

**Appendix A AIR QUALITY AND GREENHOUSE GASES  
TECHNICAL REPORT**



## **Leo Recycling Air Quality and Greenhouse Gas Assessment**

Air Quality and Greenhouse Gas  
Technical Report

August 21, 2020

Prepared for:

City of San José  
Department of Planning, Building and  
Code Enforcement  
200 East Santa Clara Street, 3rd Floor  
San José, California 95113

Prepared by:

Stantec Consulting Services Inc.  
75 E Santa Clara St #1225  
San José, California 95113





## Table of Contents

<b>EXECUTIVE SUMMARY</b> .....	<b>I</b>
<b>ABBREVIATIONS</b> .....	<b>III</b>
<b>1.0 INTRODUCTION</b> .....	<b>1</b>
<b>2.0 AIR QUALITY AND GREENHOUSE GAS SETTINGS</b> .....	<b>7</b>
2.1 ENVIRONMENTAL SETTING .....	7
2.1.1 Air Quality .....	7
2.1.2 Greenhouse Gases (GHGs).....	10
2.1.3 Existing Emissions .....	12
2.2 REGULATORY SETTING .....	12
2.2.1 Air Quality Regulations.....	12
2.2.2 Greenhouse Gas Regulations .....	20
<b>3.0 SIGNIFICANCE CRITERIA</b> .....	<b>25</b>
<b>4.0 MODELING PARAMETERS AND ASSUMPTIONS</b> .....	<b>27</b>
4.1 EMISSIONS .....	27
4.1.1 Construction.....	27
4.1.2 Operations .....	27
4.2 HEALTH RISK ASSESSMENT.....	27
4.2.1 DPM/PM <sub>2.5</sub> Emissions .....	28
4.2.2 Air Dispersion Modeling .....	28
4.2.3 Health Risk Calculations .....	31
<b>5.0 AIR QUALITY IMPACT ANALYSIS</b> .....	<b>33</b>
<b>6.0 GREENHOUSE GAS IMPACT ANALYSIS</b> .....	<b>37</b>
<b>7.0 REFERENCES</b> .....	<b>39</b>

### LIST OF TABLES

Table 1: San Francisco Bay Area Air Basin Attainment Status.....	8
Table 2: Ambient Air Quality Summary .....	9
Table 3: Existing Annual Operational Emissions .....	12
Table 4: California and National Ambient Air Quality Standards.....	13
Table 5: BAAQMD Operational Criteria Pollutant Thresholds.....	25
Table 6: BAAQMD Health Risk Thresholds .....	26
Table 7: Project Annual Operation Emissions .....	34
Table 8: Project Average Daily Emissions.....	34
Table 9: Project Health Impacts Summary .....	35
Table 10: Cumulative Health Risk Summary .....	35
Table 11: Project Annual GHG Emissions.....	37

### LIST OF FIGURES



LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

Figure 1 Regional Location Map ..... 3  
Figure 2: Project Footprint..... 5  
Figure 3: Emission Sources .....30

**LIST OF APPENDICES**

Appendix A: Emission Calculations and Health Risk Assessment



## Executive Summary

This air quality and greenhouse gas (GHG) analysis was prepared to evaluate whether the estimated criteria air pollutant and GHG emissions generated from the Leo Recycling Project (project) would cause significant impacts to air resources in the project area. This assessment was conducted within the context of the California Environmental Quality Act (CEQA, California Public Resources Code Sections 21000, et seq.). The methodology follows the CEQA Guidelines prepared by Bay Area Air Quality Management District (BAAQMD) for quantification of emissions and evaluation of potential impacts to air resources (BAAQMD 2017a). Methodology and thresholds for air quality and greenhouse gas (GHG) impacts as set forth in the BAAQMD CEQA Guidelines are used in this analysis. The BAAQMD screening thresholds and significance criteria are applicable to the project based on the CEQA Lead Agency's determination, in its discretion, that such thresholds and significance criteria are supported by substantial evidence in the record.

## Project Summary

The proposed Leo Recycling Project (proposed project) involves the continued operation of the existing Leo Recycling Facility (Leo Recycle), a solid waste processing facility, with modification to the maximum daily capacity of materials to 500 tons per day (tpd) and extending daily operations from six days per week to seven days per week.. The facility would continue to operate within an existing 50,000-squarefoot industrial building located on an approximately 2.5-acre site in a heavy industrial zoning district. The facility currently operates under three separate special use permits (SUPs) for the three uses at the site. The proposed project would combine these three SUPs under one Transfer/Processing Full Solid Waste Facility Permit with modified operation components for material processing, hours of operation, outdoor storage and grinder operations, and onsite circulation.

## Summary of Analysis Results

- Impact AIR-1:** The Project would not conflict with or obstruct implementation of the applicable air quality plan. **Less Than Significant Impact With Mitigation.**
- Impact AIR-2:** The Project would not result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is nonattainment under an applicable federal or state ambient air quality standard. **Less Than Significant Impact With Mitigation.**
- Impact AIR-3:** The Project would not expose sensitive receptors to substantial pollutant concentrations. **Less Than Significant impact.**
- Impact AIR-4:** The Project would not result in other emissions (such as those leading to odors) affecting a substantial number of people. **Less Than Significant Impact.**



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

**Impact GHG-1:** The Project would not generate direct and indirect greenhouse gas emissions that would result in a significant impact on the environment. **Less Than Significant Impact.**

**Impact GHG-2:** The Project would not conflict with any applicable plan, policy or regulation of an agency adopted to reduce the emissions of greenhouse gases. **Less Than Significant Impact.**



## Abbreviations

°F	degrees Fahrenheit
µg/m <sup>3</sup>	micrograms per cubic meter
AB	Assembly Bill
BAAQMD	Bay Area Air Quality Management District
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CFC	chlorofluorocarbon
CH <sub>4</sub>	Methane
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	carbon dioxide equivalent
DPM	diesel particulate matter
EPA	U.S. Environmental Protection Agency
FCAA	Federal Clean Air Act
GHG	greenhouse gas
IPCC	Intergovernmental Panel on Climate Change
LOS	level of service
MMTCO <sub>2</sub> e	million metric tons carbon dioxide equivalent
MTCO <sub>2</sub> e	metric tons carbon dioxide equivalent
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NO <sub>2</sub>	nitrogen dioxide
NO <sub>x</sub>	nitrogen oxide
PFC	Perfluorocarbon
project	Leo Recycling Project
PM	particulate matter
PM <sub>2.5</sub>	Particulate matter less than 2.5 micrometers
PM <sub>10</sub>	Particulate matter less than 10 micrometers
ppm	parts per million
ROG	reactive organic gas
TAC	toxic air contaminants
VMT	vehicle miles traveled





## 1.0 INTRODUCTION

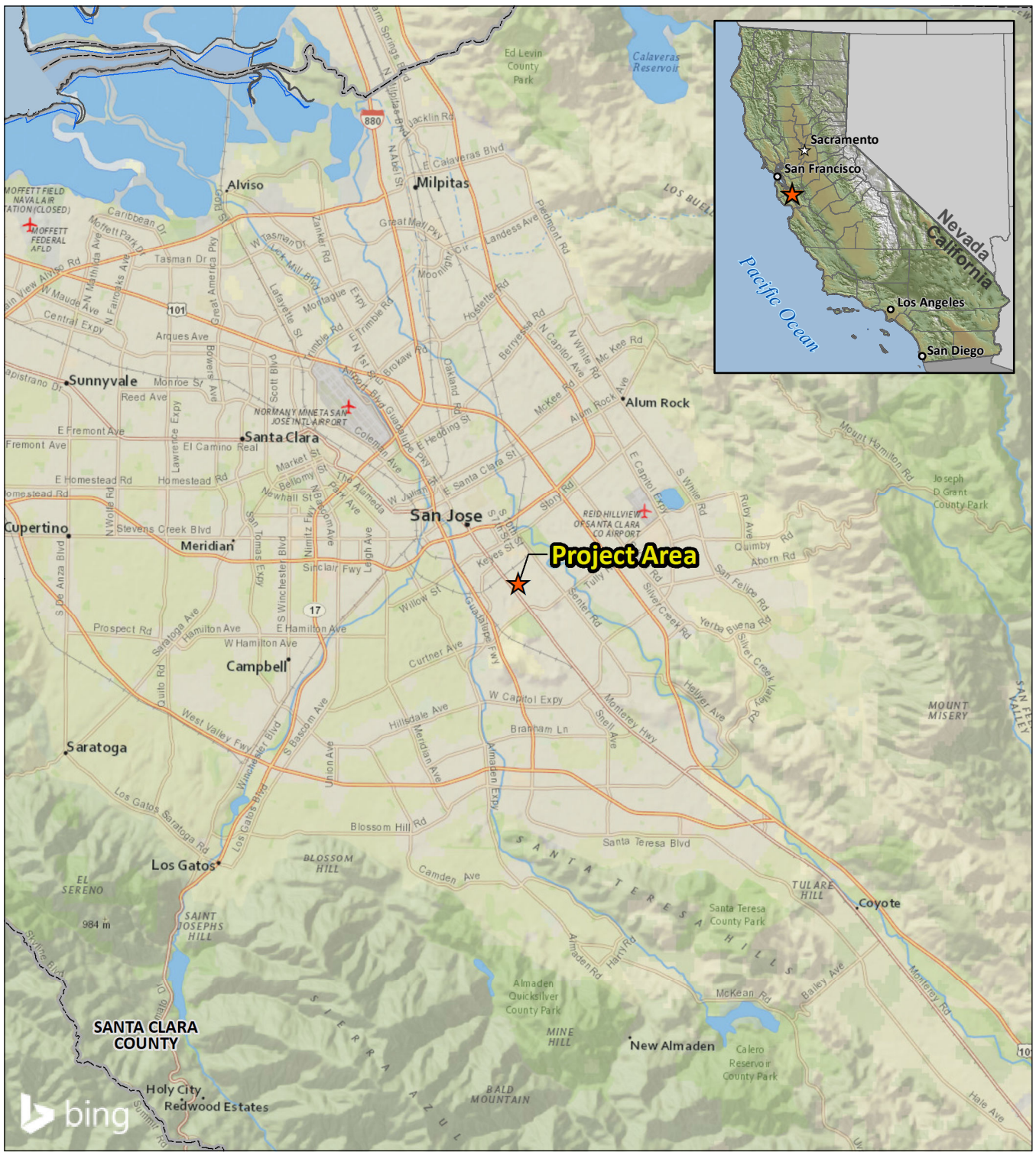
The purpose of this Air Quality and Greenhouse Gas Impact Analysis Report (Report) is to analyze potential air quality and greenhouse gas (GHG) impacts that could occur with the continued operation of the existing Leo Recycling Facility (Leo Recycle, project, proposed project). The proposed project is located at 215 Leo Avenue, in the City of San José in Santa Clara County (Figure 1, Regional Location). The site is an existing solid waste processing facility, the proposed project would modify the maximum daily capacity of materials from 450 to 500 tons per day (tpd) and increase its operating schedule from six days per week to seven days per week. The facility would continue to operate within an existing 50,000-squarefoot industrial building located on an approximately 2.5-acre site in a heavy industrial zoning district.

The facility currently operates under three separate special use permits (SUPs) for processing and transferring of construction and demolition debris/inerts (CDI), green waste materials, and Type A Inert materials. The proposed project would combine these three SUPs under one Transfer/Processing Full Solid Waste Facility Permit with the following operational changes (Figure 2, Project Footprint):

- Amount and types of solid waste materials to be processed is estimated to consist of 250 tpd CDIs, 200 tpd green waste materials, and 50 tpd Type A Inert materials for a total of 500 tpd of maximum daily capacity.
- Hours of processing activities would be extended to 24 hours a day, 7 days a week
- Additional outdoor storage for recyclable materials
- Operation of a mobile grinder unit both indoors and outdoors operation of the Leo Recycle Project (project or proposed project)

This assessment was conducted within the context of the California Environmental Quality Act (CEQA).





★ Leo Recycling Project Location

- Notes**
1. Coordinate System: NAD 1983 StatePlane California III FIPS 0403 Feet
  2. Data Sources:
  3. Background: © 2020 Microsoft Corporation Earthstar Geographics SIO
- Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community National Geographic, Esri, Garmin, HERE, UNEP.



**Project Location**  
 215 LEO AVENUE #10  
 SAN JOSE, CA 95112

Prepared by CNW on 2020-03-27  
 TR by ZP on 2020-03-27  
 IR Review by CA on 2020-03-27

Client/Project  
 Client: Leo Recycling / ATT Recycle, Inc.  
 Project: Leo Recycling Project

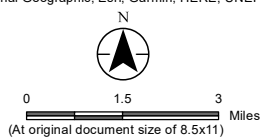


Figure No.  
**1**

Title  
**Regional Location**

V:\1857\active\1857047471\_MXD\General\Project\City\_V1857047471.mxd Revised: 2020-03-26 By: owhehan

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



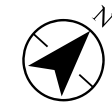
TOTAL PROPOSED REPLACED + NEW IMPERVIOUS SURFACES = 0 SQ. FT.  
 TOTAL PROPOSED REPLACED + NEW PERVIOUS SURFACES = 0 SQ. FT.

**LEGEND**

- = (E) CONCRETE
- = (E) ASPHALT CONCRETE PAVEMENT

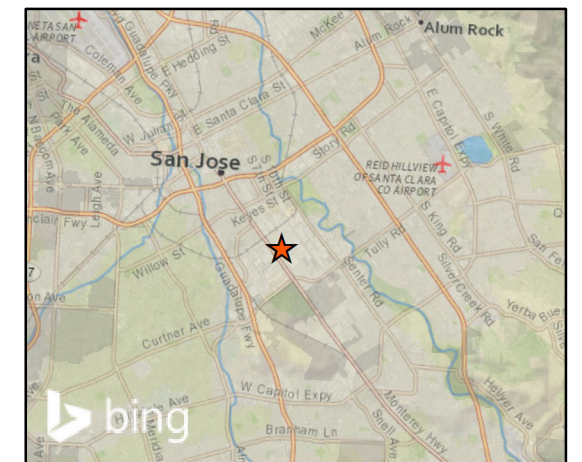
**PARKING TABLE**

TYPE	DIMENSIONS	QTY.
STANDARD	9'x18'	19
COMPACT	8.5'x16'	0
HANDICAP	9'x18'	1
ELECTRIC	9'x18'	1
<b>TOTAL</b>		<b>21</b>



GRAPHIC SCALE in FEET (1 inch = 20'-0")

- Notes**
- Coordinate System: NAD 1983 StatePlane California III FIPS 0403 Feet
  - Data Sources:
  - Background: © 2020 Microsoft Corporation Earthstar Geographics SIO National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.



**Project Location**  
 215 LEO AVENUE #10  
 SAN JOSE, CA 95112

Prepared by CNW on 2020-03-27  
 TR by ZP on 2020-03-27  
 IR Review by CA on 2020-03-27

**Client/Project**  
 Client: Leo Recycling / ATT Recycle, Inc.  
 Project: Leo Recycling Project

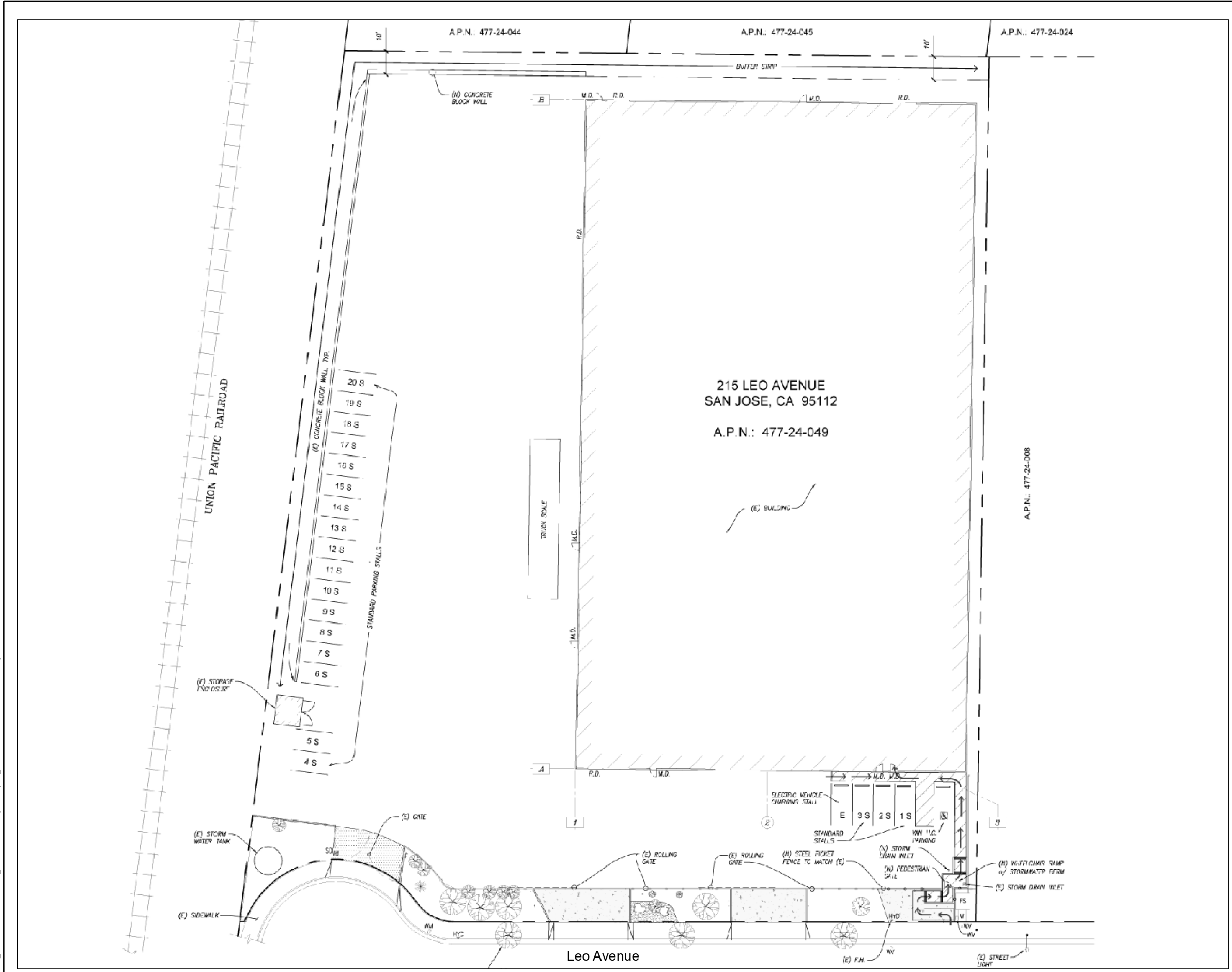
185704747-300.0003 REVA

**Figure No.**

**2**

**Title**

**Project Footprint**



P:\Server\_V\1857\active\185704747\1\MXDs\General\ProjectFootprint\_Tbl.mxd Revised: 2020-03-26 By: cwheilan

## 2.0 AIR QUALITY AND GREENHOUSE GAS SETTINGS

### 2.1 ENVIRONMENTAL SETTING

#### 2.1.1 Air Quality

##### **Air Basin**

The project is in the City of San José in Santa Clara County, which lies entirely within the San Francisco Bay Area Air Basin (Air Basin). The Air Basin is approximately 5,600 square miles in area and consists of nine counties that surround the San Francisco Bay, including all of Alameda County, Contra Costa County, Marin County, San Francisco County, San Mateo County, Santa Clara County, and Napa County, the southwestern portion of Solano County and the southern portion of Sonoma County. Its terrain and geographical location determine the distinctive climate of the Air Basin, as the Air Basin is a coastal plain with connecting valleys and low hills. The local agency with jurisdiction over air quality in the Air Basin is the Bay Area Air Quality Management District (BAAQMD).

##### **Air Pollutants**

For reasons described below in the Regulatory Setting section, the criteria pollutants of greatest concern for the project area are ozone, PM<sub>10</sub>, and PM<sub>2.5</sub>. Carbon monoxide is of less concern in the Air Basin because it is classified as an attainment area. Table 1 summarizes the most recent designations for criteria pollutants in the Air Basin.

##### *Toxic Air Contaminants*

In addition to the criteria pollutants, discussed below, the toxic air contaminants (TACs), also known as hazardous air pollutants (HAPs), are another group of pollutants of concern. A TAC is defined as an air pollutant that may cause or contribute to an increase in mortality or serious illness, or that may pose a hazard to human health. TACs are usually present in minute quantities in the ambient air; however, their high toxicity or health risk may pose a threat to public health even at low concentrations. In general, for those TACs that may cause cancer, there is no concentration that does not present some risk. In other words, there is no threshold level below which adverse health impacts are not expected to occur. This contrasts with the criteria pollutants for which acceptable levels of exposure can be determined and for which the state and federal governments have set ambient air quality standards.

According to the California Almanac of Emissions and Air Quality, most of the estimated health risk from TACs for the State of California, can be attributed to relatively few compounds, the most important of which is diesel particulate matter (DPM) from diesel-fueled engines.

##### *Diesel Particulate Matter*

CARB identified the PM emissions from diesel-fueled engines as a TAC in August 1998 under California's TAC program. The State of California, after a 10-year research program, determined in 1998 that DPM



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

from diesel-fueled engines is a human carcinogen and that chronic (long-term) inhalation exposure to DPM poses a chronic (long-term) health risk. The California Office of Environmental Health Hazard Assessment (OEHHA) recommends using a 30-year (residential) and 25-year (worker) exposure duration for determining cancer risks. DPM is emitted from both mobile and stationary sources. In California, on-road diesel-fueled vehicles contribute approximately 40 percent of the statewide total, with an additional 57 percent attributed to other mobile sources such as construction and mining equipment, agricultural equipment, and transport refrigeration units.

### *Asbestos*

Asbestos is listed as a TAC by the CARB and as a hazardous air pollutant (HAP) by the United States Environmental Protection Agency (EPA). Naturally occurring asbestos areas are identified by the type of rock found in the area. Asbestos-containing rocks found in California are ultramafic rocks, including serpentine rocks. Crushing or breaking these rocks, through construction or other means, can release asbestos form fibers into the air. Asbestos emissions can result from the sale or use of asbestos-containing materials, road surfacing with such materials, grading activities, and surface mining. The risk of disease is dependent upon the intensity and duration of exposure. When inhaled, asbestos fibers may remain in the lungs and with time may be linked to such diseases as asbestosis, lung cancer, and mesothelioma.

According to the California Division of Mines and Geology, naturally occurring asbestos has been known to be present in 44 of California's 58 counties, including Santa Clara County. Based on the map provided by the Division of Mines and Geology, there are no naturally occurring asbestos in the City of San José.

### **Attainment Status**

The EPA and CARB designate air basins where ambient air quality standards are exceeded as “nonattainment” areas. If standards are met, the area is designated as an “attainment” area. If there is inadequate or inconclusive data to make a definitive attainment designation, they are considered “unclassified.” National nonattainment areas are further designated as marginal, moderate, serious, severe, or extreme as a function of deviation from standards.

Each standard has a different definition, or “form” of what constitutes attainment, based on specific air quality statistics. For example, the federal 8-hour CO standard is not to be exceeded more than once per year; therefore, an area is in attainment of the CO standard if no more than one 8-hour ambient air monitoring values exceeds the threshold per year. In contrast, the federal annual standard for PM<sub>2.5</sub> is met if the 3-year average of the annual average PM<sub>2.5</sub> concentration is less than or equal to the standard.

The current attainment designations for the Air Basin are shown in Table 1.

**Table 1: San Francisco Bay Area Air Basin Attainment Status**

Pollutant	Designation/Classification	
	Federal Standards <sup>a</sup>	State Standards <sup>b</sup>
Ozone – One hour	No Federal Standard	Nonattainment



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

Ozone – Eight Hour	Nonattainment	Nonattainment
PM <sub>10</sub>	Unclassified	Nonattainment
PM <sub>2.5</sub>	Nonattainment	Nonattainment
Carbon Monoxide	Attainment/Unclassified	Attainment
Nitrogen Dioxide	Attainment/Unclassified	Attainment
Sulfur Dioxide	Attainment/Unclassified	Attainment
Lead	No Designation/Classification	Attainment
Hydrogen Sulfide	No Federal Standard	Unclassified
Sulfates	No Federal Standard	Attainment
Visibility Reducing Particles	No Federal Standard	Unclassified
Vinyl Chloride	No Federal Standard	No information available
Notes:		
a See 40 CFR Part 81		
b See CCR Title 17 Sections 60200-60210		
Source: BAAQMD, 2020		

### Ambient Air Quality

The local air quality can be evaluated by reviewing relevant air pollution concentrations near the project. Table 2 summarizes published monitoring data from 2016 through 2018, the most recent 3-year period available for the nearest monitoring station is in San José (Jackson Street). The data shows that during the past few years, the Air Basin has exceeded the ozone, PM<sub>10</sub>, and PM<sub>2.5</sub> standards.

**Table 2: Ambient Air Quality Summary**

Air Pollutant	Averaging Time	Item	2016	2017	2018
Ozone	1 Hour <sup>a</sup>	Max 1 Hour (ppm)	0.087	0.121	0.078
		Days > State Standard (0.09 ppm)	0	3	0
	8 Hour	Max 8 Hour (ppm)	0.066	0.098	0.061
		Days > State Standard (0.070 ppm)	0	4	0
		Days > National Standard (0.070 ppm)	0	4	0
		Days > National Standard (0.075 ppm)	0	3	0
Inhalable coarse particles (PM <sub>10</sub> )	Annual (National)	Annual Average (µg/m <sup>3</sup> )	17.5	20.7	23.0
	Annual (State)	Annual Average (µg/m <sup>3</sup> )	18.3	21.3	23.1
	24 Hour	24 Hour (µg/m <sup>3</sup> ) (National)	40.0	69.4	155.8
		24 Hour (µg/m <sup>3</sup> ) (State)	41.0	69.8	121.8
		Days > State Standard (50 µg/m <sup>3</sup> )	0	19.2	12.2



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

Air Pollutant	Averaging Time	Item	2016	2017	2018
		Days > National Standard (150 µg/m <sup>3</sup> )	0	0	3.1
Fine particulate matter (PM <sub>2.5</sub> )	Annual (National)	Annual Average (µg/m <sup>3</sup> )	8.4	9.5	12.8
	Annual (State)	Annual Average (µg/m <sup>3</sup> )	8.4	ID	12.9
	24 Hour	24 Hour (µg/m <sup>3</sup> ) (National)	22.6	49.7	133.9
		24 Hour (µg/m <sup>3</sup> ) (State)	22.7	49.7	133.9
		Days > National Standard (35 µg/m <sup>3</sup> )	0	6.0	15.5
Notes: > = exceed ppm = parts per million g/m <sup>3</sup> = micrograms per cubic meter a = The Federal 1 hour Ozone Standard was revoked in June 2005; California retained a 1 hour Ozone Standard ID = insufficient data max = maximum Bold = exceedance State Standard = CAAQS National Standard = NAAQS Sulfur dioxide is reported on a statewide basis as it is no longer monitored locally Sources: CARB 2019					

### Local Sources of Air Pollution

The project's site is located in a predominately industrial setting, where the main sources of air pollution are mobile sources traveling along the nearby roadways that surround the project site, rail traffic from the Union Pacific tracks adjacent to the site, and other adjacent stationary sources.

### Sensitive Receptors

Those who are sensitive to air pollution include children, the elderly, and persons with pre-existing respiratory or cardiovascular illness. For purposes of CEQA, the BAAQMD considers a sensitive receptor a location that houses or attracts children, the elderly, people with illnesses, or others who are especially sensitive to the effects of air pollutants. Examples of sensitive receptors include hospitals, residences, convalescent facilities, and schools. Consistent with BAAQMD health risk assessment (HRA) guidelines, impacts to receptors within 1,000 feet of the project boundary were evaluated in the HRA. The project is in an industrial area and the closest residential receptor is located approximately 650 feet southeast of the project site. The closest worker receptors are located at other businesses adjacent to the project site.

### 2.1.2 Greenhouse Gases (GHGs)

Global climate change is the observed increase in the average temperature of the Earth's atmosphere and oceans in recent decades. There is a general scientific consensus that global climate change is occurring, caused in whole or in part by increased emissions of GHGs that keep the Earth's surface warm by trapping heat in the Earth's atmosphere, in much the same way as glass traps heat in a greenhouse.



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

The Earth's climate is changing because human activities, primarily the combustion of fossil fuels, are altering the chemical composition of the atmosphere through the buildup of GHGs. GHGs are released by the combustion of fossil fuels, land clearing, agriculture, and other activities, and lead to an increase in the greenhouse effect. Just as the glass in a greenhouse lets heat from sunlight in and reduces the heat escaping, greenhouse gases like carbon dioxide, methane, and nitrous oxide in the atmosphere keep the Earth at a relatively even temperature. Without the greenhouse effect, the Earth would be a frozen globe; thus, although an excess of greenhouse gas results in global warming, the naturally occurring greenhouse effect is necessary to keep our planet at a comfortable temperature.

### **Carbon Dioxide (CO<sub>2</sub>)**

In the atmosphere, carbon generally exists in its oxidized form, as CO<sub>2</sub>. Natural sources of CO<sub>2</sub> include the respiration (breathing) of humans, animals and plants, volcanic outgassing, decomposition of organic matter and evaporation from the oceans. Anthropogenic sources of CO<sub>2</sub> include the combustion of fossil fuels and wood, waste incineration, mineral production and deforestation. Anthropogenic sources of CO<sub>2</sub> amount to over 30 billion tons per year, globally. Natural sources release substantially larger amounts of CO<sub>2</sub>. Nevertheless, natural removal processes, such as photosynthesis by land and ocean-dwelling plant species, cannot keep pace with this extra input of man-made CO<sub>2</sub>, and consequently, the gas is building up in the atmosphere.

### **Methane (CH<sub>4</sub>)**

Methane is produced when organic matter decomposes in environments lacking sufficient oxygen. Natural sources include wetlands, termites, and oceans. Decomposition occurring in landfills accounts for the majority of human-generated CH<sub>4</sub> emissions in California and in the United States as a whole. Agricultural processes such as intestinal fermentation, manure management, and rice cultivation are also significant sources of CH<sub>4</sub> in California.

### **Nitrous Oxide (N<sub>2</sub>O)**

Nitrous oxide is produced naturally by a wide variety of biological sources, particularly microbial action in soils and water. Tropical soils and oceans account for the majority of natural source emissions. Nitrous oxide is a product of the reaction that occurs between nitrogen and oxygen during fuel combustion. Both mobile and stationary combustion produce N<sub>2</sub>O, and the quantity emitted varies according to the type of fuel, technology, and pollution control device used, as well as maintenance and operating practices. Agricultural soil management and fossil fuel combustion are the primary sources of human-generated N<sub>2</sub>O emissions in California.

### **Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), and Sulfur Hexafluoride (SF<sub>6</sub>)**

HFCs are primarily used as substitutes for ozone depleting substances regulated under the Montreal Protocol (Montreal Protocol 1987). The Montreal Protocol is an international treaty that was approved on January 1, 1989 and was designated to protect the ozone layer by phasing out the production of several groups of halogenated hydrocarbons believed to be responsible for ozone depletion. PFCs and SF<sub>6</sub> are





## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

emitted from various industrial processes including aluminum smelting, semiconductor manufacturing, electric power transmission and distribution, and magnesium casting. There is no primary aluminum or magnesium production in California; however, the rapid growth in the semiconductor industry leads to greater use of PFCs.

The magnitude of the impact on global warming differs among the GHGs. The effect each GHG has on climate change is measured as a combination of the volume of its emissions, and its global warming potential (GWP), expressed as a function of how much warming would be caused by the same mass of CO<sub>2</sub>. Thus, GHG emissions are typically measured in terms of pounds or metric tons of CO<sub>2</sub> equivalents (CO<sub>2</sub>e). HFCs, PFCs, and SF<sub>6</sub> have a greater “global warming potential” than CO<sub>2</sub>. In other words, these other GHGs have a greater contribution to global warming than CO<sub>2</sub> on a per mass basis. However, CO<sub>2</sub> has the greatest impact on global warming because of the relatively large quantities of CO<sub>2</sub> emitted into the atmosphere.

### 2.1.3 Existing Emissions

Currently, the operating schedule at the project site is six days per week. The proposed project would extend the operating schedule to seven days per week. The proposed project’s impacts would be evaluated based on the net increase in emissions equivalent to project emissions subtracting existing emissions. Table 3 shows the existing annual emissions for the project site.

**Table 3: Existing Annual Operational Emissions**

Source	ROG	NO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	CO <sub>2</sub> e
	Tons per Year				Metric tons/year
Offroad	0.09	1.25	0.04	0.04	524.30
Staff	0.02	0.01	0.05	0.01	59.66
Inbound Trucks	1.05	21.79	2.56	0.98	7,065.73
Outbound Trucks	0.17	4.48	0.44	0.17	1,426.83
Stationary	0.32	0.68	0.03	0.03	1,069.26
Electricity <sup>1</sup>	-	-	-	-	14.59
Existing Emissions	1.64	28.20	3.13	1.24	10,160.38

<sup>1</sup> Electricity is generated from offsite existing stationary sources at power plants which are currently permitted by air districts and are subject to local, state, and federal regulations. Since criteria emissions associated with electricity generation are produced offsite and not individual buildings, criteria pollutant emissions from electricity were not evaluated. GHG emissions are not subject to stationary source permitting, therefore GHG emissions from electricity generated were evaluated.

## 2.2 REGULATORY SETTING

### 2.2.1 Air Quality Regulations

Air pollutants are regulated at the national, state, and air basin level; each agency has a different level of regulatory responsibility. The EPA regulates at the national level, the California Air Resources Board



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

(CARB) regulates at the state level, and Bay Area Air Quality Management District (BAAQMD) regulates at the air basin level.

### Federal and State

#### Environmental Protection Agency

The EPA handles global, international, national, and interstate air pollution issues and policies. The EPA sets national vehicle and stationary source emission standards, oversees approval of all State Implementation Plans, provides research and guidance for air pollution programs, and sets National Ambient Air Quality Standards, also known as federal standards or national standards. There are national standards for six common air pollutants, called criteria air pollutants, which were identified from provisions of the Clean Air Act of 1970. The criteria pollutants are:

- Ozone
- Particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>)
- Nitrogen dioxide (NO<sub>2</sub>)
- Carbon monoxide (CO)
- Lead
- Sulfur dioxide (SO<sub>2</sub>)

The national standards were set to protect public health, including that of sensitive individuals; thus, the standards continue to change as more medical research is available regarding the health effects of the criteria pollutants. Primary national standards are the levels of air quality necessary, with an adequate margin of safety, to protect public health, as discussed in Ambient Air Quality Standards summary prepared by the CARB.

#### California Air Resources Board

A State Implementation Plan is a document prepared by each state describing existing air quality conditions and measures that will be followed to attain and maintain national standards. The State Implementation Plan for the State of California is administered by the ARB, which has overall responsibility for statewide air quality maintenance and air pollution prevention. The ARB also administers California Ambient Air Quality Standards for the 10 air pollutants designated in the California Clean Air Act. The 10 state air pollutants are the six national standards listed above as well as the following: visibility-reducing particulates, hydrogen sulfide, sulfates, and vinyl chloride. The national and state ambient air quality standards are summarized in Table 4.

**Table 4: California and National Ambient Air Quality Standards**

Pollutant	Averaging Time	California Standards <sup>1</sup>	National Standards <sup>2</sup>	
		Concentration	Primary <sup>3</sup>	Secondary <sup>4</sup>
Ozone <sup>5</sup>	1 Hour	0.09 ppm (180 µg/m <sup>3</sup> )	—	Same as Primary Standard
	8 Hour	0.070 ppm (137 µg/m <sup>3</sup> )	0.070 ppm (137 µg/m <sup>3</sup> )	
	24 Hour	50 µg/m <sup>3</sup>	150 µg/m <sup>3</sup>	Same as



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

Pollutant	Averaging Time	California Standards <sup>1</sup>	National Standards <sup>2</sup>	
		Concentration	Primary <sup>3</sup>	Secondary <sup>4</sup>
Respirable Particulate Matter <sup>6</sup>	Annual Arithmetic Mean	20 µg/m <sup>3</sup>	—	Primary Standard
Fine Particulate Matter <sup>6</sup>	24 Hour	—	35 µg/m <sup>3</sup>	Same as Primary Standard
	Annual Arithmetic Mean	12 µg/m <sup>3</sup>	12 µg/m <sup>3</sup>	
Carbon Monoxide	1 Hour	20 ppm (23 mg/m <sup>3</sup> )	35 ppm (40 mg/m <sup>3</sup> )	—
	8 Hour	9.0 ppm (10 mg/m <sup>3</sup> )	9 ppm (10 mg/m <sup>3</sup> )	—
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m <sup>3</sup> )	—	—
Nitrogen Dioxide	1 Hour	0.18 ppm (339 µg/m <sup>3</sup> )	100 ppb (188 µg/m <sup>3</sup> )	—
	Annual Arithmetic Mean	0.030 ppm (57 µg/m <sup>3</sup> )	0.053 ppm (100 µg/m <sup>3</sup> )	Same as Primary Standard
Sulfur Dioxide <sup>7</sup>	1 Hour	0.25 ppm (655 µg/m <sup>3</sup> )	75 ppb (196 µg/m <sup>3</sup> )	—
	3 Hour	—	—	0.5 ppm (1300 µg/m <sup>3</sup> )
	24 Hour	0.04 ppm (105 µg/m <sup>3</sup> )	0.14 ppm (for certain areas)	—
	Annual Arithmetic Mean	—	0.030 ppm (for certain areas)	—
Lead <sup>8, 9</sup>	30-Day Average	1.5 µg/m <sup>3</sup>	—	—
	Calendar Quarter	—	1.5 µg/m <sup>3</sup>	Same as Primary Standard
	Rolling 3-Month Average	—	0.15 µg/m <sup>3</sup>	
Visibility-Reducing Particles <sup>10</sup>	8 Hour	See Footnote 1	No National Standards	
Sulfates	24 Hour	25 µg/m <sup>3</sup>		
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m <sup>3</sup> )		
Vinyl Chloride <sup>8</sup>	24 Hour	0.01 ppm (26 µg/m <sup>3</sup> )		



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

Pollutant	Averaging Time	California Standards <sup>1</sup>	National Standards <sup>2</sup>	
		Concentration	Primary <sup>3</sup>	Secondary <sup>4</sup>

Notes:

- California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, and particulate matter (PM<sub>10</sub>, PM<sub>2.5</sub>, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
- National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM<sub>10</sub>, the 24 hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m<sup>3</sup> is equal to or less than one. For PM<sub>2.5</sub>, the 24 hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard.
- National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.
- National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
- On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
- On December 14, 2012, the national annual PM<sub>2.5</sub> primary standard was lowered from 15 µg/m<sup>3</sup> to 12.0 µg/m<sup>3</sup>. The existing national 24-hour PM<sub>2.5</sub> standards (primary and secondary) were retained at 35 µg/m<sup>3</sup>, as was the annual secondary standard of 15 µg/m<sup>3</sup>. The existing 24-hour PM<sub>10</sub> standards (primary and secondary) of 150 µg/m<sup>3</sup> also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
- On June 2, 2010, a new 1-hour SO<sub>2</sub> standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO<sub>2</sub> national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
- The CARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.
- The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 µg/m<sup>3</sup> as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.
- In 1989, the CARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

µg/m<sup>3</sup> = micrograms per cubic meter

CARB = California Air Resources Board

mg/m<sup>3</sup> = milligrams per cubic meter

PM<sub>2.5</sub> = particulate matter 2.5 microns in diameter or less

PM<sub>10</sub> = particulate matter 10 microns in diameter or less

ppb = parts per billion

ppm = parts per million

SO<sub>2</sub> = sulfur dioxide

Source: CARB 2019a

### *Applicable Toxic Air Contaminant Regulation*

ARB's toxic air contaminant program traces its beginning to the criteria pollutant program in the 1960s. For many years, the criteria pollutant control program has been effective at reducing toxic air contaminants, since many volatile organic compounds and PM constituents are also toxic air contaminants. During the 1980s, the public's concern over toxic chemicals heightened. As a result,



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

citizens demanded protection and control over the release of toxic chemicals into the air. In response to public concerns, the California legislature enacted the Toxic Air Contaminant Identification and Control Act governing the release of toxic air contaminants into the air. This law charges ARB with the responsibility for identifying substances as toxic air contaminants, setting priorities for control, adopting control strategies, and promoting alternative processes. ARB has designated almost 200 compounds as toxic air contaminants. Additionally, ARB has implemented control strategies for a number of compounds that pose high health risk and show potential for effective control.

The ARB's Diesel Risk Reduction Plan has led to the adoption of new state regulatory standards for all new on-road, off-road, and stationary diesel-fueled engines and vehicles to reduce DPM emissions by about 90 percent overall from year 2000 levels as stated on page 1 of the plan. The projected emission benefits associated with the full implementation of this plan, including federal measures, are reductions in DPM emissions and associated cancer risks of 75 percent by 2010 and 85 percent by 2020 (ARB 2000).

In 2005, ARB approved an Air Toxics Control Measure (ATCM) to limit diesel-fueled commercial motor vehicle idling to reduce emissions of toxics and criteria pollutants. The driver of any vehicle subject to this section (1) shall not idle the vehicle's primary diesel engine for greater than 5 minutes at any location and (2) shall not idle a diesel-fueled auxiliary power system for more than 5 minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools).

### **Bay Area Air Quality Management District**

BAAQMD is the public agency that regulates stationary sources of air pollution in the nine counties that comprise the San Francisco Bay Area: Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, southwestern Solano, and southern Sonoma. BAAQMD attains and maintains air quality conditions in Napa County through a comprehensive program of planning, regulation, enforcement, technical innovation, and promotion of the understanding of air quality issues. The clean air strategy of BAAQMD includes the preparation of plans and programs for the attainment of NAAQS and CAAQS, adoption and enforcement of rules and regulations, and issuance of permits for stationary sources. BAAQMD also inspects stationary sources, responds to citizen complaints, monitors ambient air quality and meteorological conditions, and implements other programs and regulations required by the CAA and CCAA.

As mentioned above, BAAQMD adopts rules and regulations. All projects are subject to BAAQMD's rules and regulations in effect at the time of construction. Specific rules applicable to project construction may include, but are not limited to:

- Regulation 2, Rule 1, General Permit Requirements: Includes criteria for issuance or denial of permits, exemptions, appeals against decisions of the Air Pollution Control Officer and BAAQMD actions on applications.
- Regulation 2, Rule 2, New Source Review: Applies to new or modified sources and contains requirements for Best Available Control Technology and emission offsets. Rule 2 implements federal New Source Review and Prevention of Significant Deterioration requirements.



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

- Regulation 6, Rule 1, General Requirements: Limits the quantity of particulate matter in the atmosphere by controlling emission rates, concentration, visible emissions, and opacity.
- Regulation 7, Odorous Substances: Regulation 7 places general limitations on odorous substances and specific emission limitations on certain odorous compounds. A person (or facility) must meet all limitations of this regulation but meeting such limitations shall not exempt such person from any other requirements of BAAQMD, state, or national law. The limitations of this regulation shall not be applicable until BAAQMD receives odor complaints from 10 or more complainants within a 90-day period alleging that a person has caused odors perceived at or beyond the property line of such person and deemed to be objectionable by the complainants in the normal course of their work, travel, or residence. When the limits of this regulation become effective as a result of citizen complaints described above the limits shall remain effective until such time as no citizen complaints have been received by BAAQMD for 1 year. The limits of this regulation shall become applicable again if BAAQMD receives odor complaints from five or more complainants within a 90-day period. BAAQMD staff shall investigate and track all odor complaints they receive and shall attempt to visit the site, identify the source of the objectionable odor, and assist the owner or facility in finding a way to reduce the odor.
- Regulation 8, Rule 3, Architectural Coatings: Limits the quantity of volatile organic compounds in architectural coatings supplied, sold, offered for sale, applied, solicited for application, or manufactured for use within BAAQMD.

### Clean Air Plan

The Clean Air Plan guides the region's air quality planning efforts to attain the CAAQS. The BAAQMD 2017 Clean Air Plan is the current Clean Air Plan, which contains district-wide control measures to reduce ozone precursor emissions (i.e., ROG and NOx), particulate matter, and GHG emissions (BAAQMD 2017b).

The primary goals of the 2017 Clean Air Plan, the current AQP, are to:

- Protect public health through the attainment air quality standards and
- Protect the climate.

The 2017 Clean Air Plan contains 85 control measures aimed at reducing air and climate pollutants in the Bay Area. For purposes of consistency with climate planning efforts at the state level, the control strategy in the Clean Air Plan is based upon the same economic sector framework used by the CARB for its Climate Change Scoping Plans. The sectors are as follows:

- Stationary sources
- Transportation
- Energy
- Buildings
- Agriculture
- Natural and working lands



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

- Waste management
- Water
- Super GHG pollutants

### BAAQMD Care Program

The Community Air Risk Evaluation (CARE) program was initiated in 2004 to evaluate and reduce health risks associated with exposures to outdoor TACs in the Bay Area. The program examines TAC emissions from point sources, area sources, and on-road and off-road mobile sources with an emphasis on diesel exhaust, which is a major contributor to airborne health risk in California. The CARE program is an ongoing program that encourages community involvement and input. The technical analysis portion of the CARE program is being implemented in three phases that include an assessment of the sources of TAC emissions, modeling and measurement programs to estimate concentrations of TACs, and an assessment of exposures and health risks. Throughout the program, information derived from the technical analyses will be used to focus emission reduction measures in areas with high TAC exposures and a high density of sensitive populations. Risk reduction activities associated with the CARE program are focused on the most at-risk communities in the Bay Area.

For commercial and industrial sources, the BAAQMD regulates TACs using a risk-based approach. This approach uses a health risk assessment (HRA) to determine what sources and pollutants to control as well as the degree of control. An HRA is an analysis in which human health exposure to toxic substances is estimated and considered together with information regarding the toxic potency of the substances, in order to provide a quantitative estimate of health risks. As part of ongoing efforts to identify and assess potential health risks to the public, the BAAQMD has collected and compiled air toxics emissions data from industrial and commercial sources of air pollution throughout the Bay Area. The BAAQMD has identified seven impacted communities, including portions of Santa Clara County; areas of San José and the project site, have been identified as an affected community

The proposed project is located in an area identified as a cumulative impact area (BAAQMD 2013). This is an area where TACs, fine particulate matter, and ozone have the greatest impacts on health.

### BAAQMD CEQA Air Quality Guidelines

The BAAQMD CEQA Air Quality Guidelines were prepared to assist in the evaluation of air quality impacts of projects and plans proposed within the Bay Area. The guidelines provide recommended procedures for evaluating potential air impacts during the environmental review process, consistent with CEQA requirements, and include recommended thresholds of significance, mitigation measures, and background air quality information. They also include recommended assessment methodologies for air toxics, odors, and GHG emissions.

In June 2010, BAAQMD adopted updated draft CEQA Air Quality Guidelines and finalized them in May 2011. These guidelines superseded previously adopted agency air quality guidelines of 1999 and were intended to advise lead agencies on how to evaluate potential air quality impacts.



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

In May 2017, the BAAQMD published an updated version of the CEQA Air Quality Guidelines. The 2017 CEQA Air Quality Guidelines include thresholds to evaluate project impacts in order to protectively evaluate the potential effects of the project on air quality. These protective thresholds are appropriate in the context of the size, scale, and location of the project.

### City of San José

#### General Plan

Various policies in the Envision San José 2040 General Plan have been adopted that would avoid or mitigate air quality impacts from development projects. In Chapter 3, Environmental Leadership, the City's General Plan has the following goals and policies related to the proposed project that would reduce air quality impacts:

- Policy MS-10.1: Assess projected air emissions from new development in conformance with the Bay Area Air Quality Management District (BAAQMD) CEQA Guidelines and relative to State and federal standards. Identify and implement feasible air emission reduction measures.
- Policy MS-10.2: Consider the cumulative air quality impacts from proposed developments for proposed land use designation changes and new development, consistent with the region's Clean Air Plan and State law.
- Policy MS-10.4: Encourage effective regulation of mobile and stationary sources of air pollution, both inside and outside of San José. In particular, support federal and State regulations to improve automobile emission controls.
- Policy MS-10.7: Encourage regional and Statewide air pollutant emission reduction through energy conservation to improve air quality.
- Policy MS-11.1: Require completion of air quality modeling for sensitive land uses such as new residential developments that are located near sources of pollution such as freeways and industrial uses. Require new residential development projects and projects categorized as sensitive receptors to incorporate effective mitigation into project designs or be located an adequate distance from sources of toxic air contaminants (TACs) to avoid significant risks to health and safety.
- Policy MS-11.5: Encourage the use of pollution absorbing trees and vegetation in buffer areas between substantial sources of TACs and sensitive land uses.
- Policy MS-13.1: Include dust, particulate matter, and construction equipment exhaust control measures as conditions of approval for subdivision maps, site development and planned development permits, grading permits, and demolition permits. At minimum, conditions shall conform to construction mitigation measures recommended in the current BAAQMD CEQA Guidelines for the relevant project size and type.





## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

### Municipal Code

In addition to the goals and policies of the General Plan, the proposed project would also be subject to the City's Grading Ordinance, Chapter 17.04.280 of the Municipal Code, which requires that all earth moving activities control fugitive dust through steps such as regular watering of the ground surface, cleaning of nearby streets, and planting any areas left vacant for extensive periods of time.

### 2.2.2 Greenhouse Gas Regulations

The federal government administers a wide array of programs to address the GHG generated in the U.S. These programs focus on energy efficiency, renewable energy, methane and other non-CO<sub>2</sub> GHGs, agricultural practices, and implementation of technologies to achieve GHG reductions.

At the federal level, the EPA is responsible for implementing federal policy to address GHGs. The EPA implements numerous voluntary programs that contribute to the reduction of GHG emissions. These programs (e.g., the ENERGY STAR labeling system for energy-efficient products) play a significant role in encouraging voluntary GHG reductions from large corporations, consumers, industrial and commercial buildings, and many major industrial sectors.

In *Massachusetts v. Environmental Protection Agency* (Docket No. 05–1120), the U.S. Supreme Court held in 2007 that EPA has statutory authority under Section 202 of the Clean Air Act (CAA) to regulate GHGs. The Court did not hold that the EPA was required to regulate GHG emissions; however, it indicated that the agency must decide whether GHGs cause or contribute to air pollution that is reasonably anticipated to endanger public health or welfare.

In 2009, a national policy between the National Highway Traffic Safety Administration and the EPA was adopted for fuel efficiency and emissions standards in the U.S. auto industry, which applies to passenger cars and light-duty trucks for model years 2012 - 2016. The standards surpass the prior Corporate Average Fuel Economy standards and requires an average fuel economy standard of 35.5 miles per gallon (mpg) and 250 grams of CO<sub>2</sub> per mile by model year 2016, based on EPA calculation methods. In 2012, standards were adopted for model year 2017 - 2025 for passenger cars and light-duty trucks. By 2025, vehicles are required to achieve 54.5 mpg (if GHG reductions are achieved exclusively through fuel economy improvements) and 163 grams of CO<sub>2</sub> per mile.

Fuel economy and carbon dioxide standards were updated through the Safe Affordable Fuel-Efficient (SAFE) Vehicles Rule in March 2020. The SAFE Vehicles Rule would apply to passenger and light trucks with model years 2021 to 2026 and would increase stringency of CAFE and carbon dioxide standards by 1.5 percent each year through 2026.

In 2009, regarding GHGs under Section 202(a) of the CAA, the EPA adopted a Final Endangerment Finding for the six defined GHGs (CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs, and SF<sub>6</sub>). The Endangerment Finding is required before USEPA can regulate GHG emissions under Section 202(a)(1) of the CAA consistently with the U.S. Supreme Court decision. USEPA also adopted a Cause or Contribute Finding in which the USEPA Administrator found that GHG emissions from new motor vehicle and motor vehicle engines are contributing to air pollution, which is endangering public health and welfare. These findings do not, by



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

themselves, impose any requirements on industry or other entities. However, these actions were a prerequisite for implementing GHG emissions standards for vehicles.

### State Regulations

In the absence of federal regulations, control of GHGs is generally regulated at the state level and is typically approached by setting emission reduction targets for existing sources of GHGs, setting policies to promote renewable energy and increase energy efficiency, and developing statewide action plans.

California has adopted statewide legislation addressing various aspects of climate change and GHG emissions mitigation. Much of this legislation establishes a broad framework for the state's long-term GHG reduction and climate change adaptation program. The governor has also issued several executive orders (EOs) related to the state's evolving climate change policy. Of particular importance are the following:

#### Assembly Bill 32

AB 32, also known as the Global Warming Solutions Act of 2006 (codified in HSC, Division 25.5), requires CARB to establish a statewide GHG emissions cap for 2020 based on 1990 emission levels. AB 32 required CARB to adopt regulations that identify and require selected sectors or categories of emitters of GHGs to report and verify their statewide GHG emissions, and CARB is authorized to enforce compliance with the program. Under AB 32, CARB was also required to adopt a statewide GHG emissions limit equivalent to the statewide GHG emissions levels set in 1990, which must be achieved by 2020. The 2020 GHG emissions limit is 431 million metric tons of carbon dioxide equivalent (MMTCO<sub>2e</sub>).

Toward achieving the maximum technologically feasible and cost-effective GHG emission reductions, AB 32 permits the use of market-based compliance mechanisms and requires CARB to monitor compliance with and enforce any rule, regulation, order, emission limitation, emissions reduction measure, or market-based compliance mechanism that it adopts. CARB has adopted nine Early Action Measures for implementation, including:

- Ship electrification at ports,
- Reduction of high global-warming-potential gases in consumer products,
- Heavy-duty vehicle GHG emission reduction (aerodynamic efficiency),
- Reduction of perfluorocarbons from semiconductor manufacturing,
- Improved landfill gas capture, reduction of hydrofluorocarbon-134a from do-it-yourself motor vehicle servicing,
- Sulfur hexafluoride reductions from the non-electric sector, a tire inflation program, and a low-carbon fuel standard.

#### Senate Bill 32

On September 8, 2016, Senate Bill (SB) 32 was signed by Governor Brown; this bill would require the state board to ensure that statewide GHG emissions are reduced to 40 percent below the 1990 level by 2030.



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

### B-30-15

B-30-15 provides an interim 2030 goal with the ultimate goal of reducing emissions by 80 percent below 1990 levels by 2050. The B-30-15 interim 2030 emission reduction goal is consistent with SB 32 and represents substantial progress towards the 2050 emissions reduction goal.

### Executive Order S-03-05

EO S-03-05 directs the state to reduce GHG emissions to 80 percent below 1990 levels by 2050.

### Climate Change Scoping Plan

In December 2008, CARB approved the AB 32 Scoping Plan outlining the state's strategy to achieve the 2020 GHG emissions limit. The Scoping Plan estimates a reduction of 174 MMTCO<sub>2</sub>e (about 191 million U.S. tons) from the transportation, energy, agriculture, forestry, and high climate-change-potential sectors, and proposes a comprehensive set of actions designed to reduce overall GHG emissions in California, improve the environment, reduce dependence on oil, diversify California's energy sources, save energy, create new jobs, and enhance public health. The Scoping Plan must be updated every 5 years to evaluate the implementation of AB 32 policies to ensure that California is on track to achieve the 2020 GHG reduction goal. The First Update to the Climate Change Scoping Plan was approved by the CARB on May 22, 2014. In 2016, the Legislature passed SB 32, which codified a 2030 GHG emissions reduction target of 40 percent below 1990 levels. With SB 32, the Legislature passed companion legislation AB 197, which provides additional direction for developing the Scoping Plan. On December 14, 2017, the CARB approved the Second Update to the Climate Change Scoping Plan, the 2017 Climate Change Scoping Plan: The Strategy for Achieving California's 2030 Greenhouse Gas Target (CARB 2018).

### BAAQMD

As stated previously, the BAAQMD's Clean Air Plan contains 85 control measures aimed at reducing air and climate pollutants in the Bay Area. For purposes of consistency with climate planning efforts at the state level, the control strategy in the Clean Air Plan is based upon the same economic sector framework used by the CARB for its Climate Change Scoping Plans. The sectors are as follows:

- Stationary sources
- Transportation
- Energy
- Buildings
- Agriculture
- Natural and working lands
- Waste management
- Water
- Super GHG pollutants



## City of San José

### General Plan

The General Plan includes strategies, policies, and action items that are incorporated in the City's GHG Reduction Strategy to help reduce GHG emissions. Multiple policies and actions in the General Plan have GHG implications, including land use, housing, transportation, water usage, solid waste generation and recycling, and reuse of historic buildings. The GHG Reduction Strategy is intended to meet the mandates as outlined in the CEQA Air Quality Guidelines and standards for "qualified plans" as set forth by BAAQMD.

On December 15, 2015, the San José City Council certified a Supplemental Program Environmental Impact Report to the Envision San José 2040 Final Program Environmental Impact Report and readopted the City's GHG Reduction Strategy in the General Plan. Projects that conform to the General Plan Land Use/Transportation Diagram and supporting policies are considered consistent with the City's GHG Reduction Strategy. The GHG Reduction Strategy identifies GHG emissions reduction measures to be implemented by development projects in three categories: built environment and energy, land use and transportation, and recycling and waste reduction. Some measures are mandatory for all proposed development projects and others are voluntary. Voluntary measures could be incorporated as mitigation measures for proposed projects, at the City's discretion.

### Green Vision

In 2007, the City adopted the Green Vision, a 15-year sustainability plan that focused on economic growth while reducing GHG emissions. The strategy included goals to increase energy efficiency and reduce consumption along with creating clean tech jobs, diverting waste from landfills and converting waste into energy, increase electricity consumption from renewable sources, and plant 100,000 new trees. Significant progress has been made and as the program approaches its horizon year, the City plans to incorporate goals of the Green Vision into its Climate Smart San José's program.

### Climate Smart San José

This program was adopted in 2018 to continue the City's efforts to reduce the impacts of climate change. In addition to addressing climate change issues, the program's strategies would reduce air pollution, save water, and improve the quality of life communitywide. The program is the first in the country to provide a plan for achieving greenhouse gas reductions consistent with those in the Paris Agreement.

### Municipal Code

The City's Municipal Code includes the Green Building Regulations for Private Development which are intended to advance GHG reductions and other sustainability strategies in the City's Green Vision. The Green Building regulation would reduce energy and water consumption, divert waste from landfills, and provide power from renewable sources. The City determined that reduction of total energy and peak energy use as a result of incremental energy efficiency measures resulted in positive cost-benefits for building owners.



### 3.0 SIGNIFICANCE CRITERIA

#### Air Quality

Based upon criteria presented in Appendix G of the California Environmental Quality Act (CEQA), a project would have a significant impact if it would:

- Conflict with or obstruct implementation of the applicable air quality plan;
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard;
- Expose sensitive receptors to substantial pollutant concentrations;
- Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

The BAAQMD has jurisdiction over the project area and has established guidelines for evaluating a project’s impact from emitting criteria pollutants, toxic air contaminants, and greenhouse gases. These guidelines were used to evaluate the project’s impacts.

#### Criteria Pollutants

The BAAQMD has established numerical thresholds for criteria pollutants from operational activities. Operational thresholds for daily and annual emissions are shown in Table 5.

**Table 5: BAAQMD Operational Criteria Pollutant Thresholds**

Criteria Pollutant	Daily Threshold (lb/day)	Annual Threshold (tons per year)
ROG	54	10
NOx	54	10
PM <sub>10</sub>	82	15
PM <sub>2.5</sub>	54	10
Source: BAAQMD 2017a		

#### Toxic Air Contaminants

Based on the criteria set forth by the BAAQMD, the project would expose sensitive receptors to substantial concentrations of toxic air contaminants if the project exceeded the thresholds in Table 6.



**Table 6: BAAQMD Health Risk Thresholds**

Analysis Type	Cancer Risk (per million)	Chronic Hazard Index	PM <sub>2.5</sub> Concentration (µg/m <sup>3</sup> )
Project Level	10	1.0	0.3
Cumulative	100	10.0	0.8
Source: BAAQMD 2017a			

**Greenhouse Gases**

Based upon criteria presented in Appendix G of the California Environmental Quality Act (CEQA), a project would have a significant impact if it would:

- Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment;
- Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

The BAAQMD CEQA guidelines established three potential thresholds for analyzing the GHG emissions associated with land use development projects:

- Compliance with a qualified GHG Reduction Strategy,
- A mass emissions threshold of 1,100 MT of CO<sub>2e</sub> per year, or
- A GHG efficiency threshold of 4.6 MT of CO<sub>2e</sub> per service population (residents + employees)

It should be noted that the mass emissions threshold applied to projects through calendar year 2020. BAAQMD has not developed a quantitative threshold for projects beyond 2020, therefore, the use of the quantitative threshold for determining impacts would be inaccurate. Although the project’s emissions have been quantified, neither the CARB, BAAQMD, nor the City, have adopted quantitative project-level significance thresholds for assessing impacts related to GHG emissions. In absence of any adopted quantitative thresholds, the determination of whether or not the proposed project would result in cumulatively considerable contribution to the cumulative impacts of global climate change would be evaluated based on BAAQMD’s approach for compliant with GHG reduction strategies. This approach is consistent with CEQA Guideline Section 15183.5.



## 4.0 MODELING PARAMETERS AND ASSUMPTIONS

### 4.1 EMISSIONS

#### 4.1.1 Construction

There would be no construction activities associated with the project, therefore no emissions were evaluated for construction.

#### 4.1.2 Operations

The project's daily operational emissions would be generated from offroad equipment, waste transport trucks, employee vehicles, and onsite shredding equipment. It was assumed all sources would be diesel-powered except for worker vehicles which are categorized as light duty vehicles. Criteria pollutant and GHG emissions were estimated using project-specific data and methods consistent with CARB's California Emissions Estimator Model (CalEEMod) and the most recent version of Emission FACtor model (EMFAC2017). The project's daily operating schedule would remain unchanged, however, the project's operating schedule would extend from six days per week to seven days per week. Project impacts would be evaluated based on the net increase in emissions (project - existing). Details of the emissions calculations are provided in Appendix A.

### 4.2 HEALTH RISK ASSESSMENT

The project would emit toxic air contaminants (TAC) and respirable particulate matter during operations resulting in exposure which may cause an increase in carcinogenic and non-carcinogenic health risks on sensitive receptors in the vicinity. A health risk assessment (HRA) was conducted to evaluate the risk of potential negative health outcomes (cancer, or other chronic conditions) related to project-generated TACs and respirable particulate matter (PM<sub>2.5</sub>). The HRA would also evaluate potential cumulative negative health outcomes when combined with TAC emissions from past, present, and other reasonably foreseeable development in the vicinity, including existing permitted stationary sources and gasoline dispensing facilities. Non-cancer (chronic) health risks are short-term in nature, however, incremental increase in lifetime cancer risk is assessed over longer exposure time periods (i.e., 25-years for worker receptors).

The HRA was conducted in accordance with BAAQMD HRA guidelines and the Office of Environmental Health Hazard Assessment (OEHHA) guidance. The HRA followed the procedure and methods provided in OEHHA's Guidance Manual for Preparation of Health Risk Assessments (Guidance) which was revised in 2015. The revised Guidance takes into the account the variability of breathing rates and the fraction of time at home among children and adults. Children have higher breathing rates compared to adults and children spend more time at home resulting in longer exposure durations. The Guidance also incorporates age sensitivity factors to account for increased sensitivity to carcinogens for children in early stages of development. Health risk calculations were estimated using Air Dispersion Modeling and Risk Tool (ADMRT) version 2, from CARB's Hotspots Analysis and Reporting Program (HARP) which



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

incorporates the 2015 OEHHA Guidance algorithms. Consistent with BAAQMD guidelines, the HRA would evaluate impacts at sensitive receptor locations within 1,000 feet of the project boundary. The project is in an industrial area and evaluated residential and workers within 1,000 feet of the project boundary.

### 4.2.1 DPM/PM<sub>2.5</sub> Emissions

The HRA evaluates health risks associated with the project operation based on exposure of sensitive receptors to diesel particulate matter (DPM) and PM<sub>2.5</sub>. Sources of DPM would include offroad equipment, heavy duty trucks, and onsite waste shredding equipment. Sources of PM<sub>2.5</sub> would include offroad equipment, heavy duty trucks, worker light duty vehicles, and onsite waste shredding equipment. DPM is a complex mixture of gases and fine particles that includes over 40 substances that are listed by the United States Environmental Protection Agency (EPA) as hazardous air pollutants and by CARB as toxic air contaminants, thus, the HRA used PM<sub>10</sub> emissions as a surrogate to represent DPM emissions (OEHHA 1998).

### 4.2.2 Air Dispersion Modeling

The HRA used the American Meteorological Society/Environmental Protection Agency regulatory air dispersion model (AERMOD version 19191) to estimate concentrations of DPM and PM<sub>2.5</sub> at each off-site sensitive receptor in the receptor grid. Grid receptors were placed 10-meters apart and covered the existing industrial land uses within 1,000 feet of the project boundary. Each receptor was placed at a height of 1.8 meters above terrain height, which represents the default breathing height. Annual concentrations were estimated using the PERIOD averaging-time in AERMOD. Besides receptors, the AERMOD model requires other inputs, such as meteorological data, source parameters, and topographical data.

#### Meteorological Data

The analysis used the AERMOD-ready meteorological dataset of the nearest meteorological monitoring site, the San José International Airport, which included five years of data (2009-2014) that was downloaded from CARB's meteorological database.

#### Modeling Terrain

Terrain and elevation data was imported from the United States Geologic Survey's (USGS) National Elevation Data (NED). The dataset consists of ground surface elevation data for the United States, Canada, and Mexico. Elevations for all receptors were based on a NED dataset with a 10-meter resolution.

Based on the land use characteristics in the project vicinity, urban dispersion coefficients were used in AERMOD. The site was modeled with the urban population of 1,030,119 for July 1, 2019 (US Census 2020). The urban option in AERMOD accounts for increased turbulence associated with the urban heat island effect.





## Source Characteristics

As discussed previously, emissions sources would include offroad equipment, heavy duty trucks, light duty worker vehicles, and shredding equipment. Emission rates from the various emissions sources were based on the anticipated hours of activity for each source. Each emissions source was modeled separately within AERMOD. The analysis used a unitized emission rate concept for each emission source, where each group is modeled with a unitized emissions rate of one gram per second (g/s). The modeled concentration at each receptor represents a “dispersion factor” which was imported into the HARP2 ADMRT program and multiplied the actual annual emission rate to generate ground level concentrations in microgram per cubic meter ( $\mu\text{g}/\text{m}^3$ ).

Each emission source is described below and are shown in Figure 3.

### Offroad Equipment

Exhaust emissions from offroad equipment was modeled a single polygon area source equal to the size of the project site footprint, with a 5-meter release height. For operations activities, an even distribution of emissions over the entire project site was used. This approach is appropriate because the location of where offroad equipment would be operated is not known and it assumes emissions could occur at any location within the project boundary.

### Heavy Duty Waste Trucks

A line volume source (i.e., line sources as series of volume sources) was used to represent a haul route for inbound and outbound waste trucks. The haul route extends to the edge of the 1,000-foot receptor boundary to evaluate impacts of trucks on receptors within the receptor domain. The haul route was modeled with a release height of 2.55 meters and extended from Leo Avenue, heads north on South 7<sup>th</sup> Street, then heads west on Phelan Avenue, and finally heads north on Monterrey Road to the edge of the receptor domain.

### Light Duty Employee Vehicles

Employee vehicles were modeled with the same source setup and routes as heavy duty waste trucks, however, the release height was 1.7 meters.

### Waste Shredding Equipment

The onsite shredding equipment was modeled as a 5 meter by 5 meter area source with a release height of 5 meters.



Figure 3: Emissions Sources



### 4.2.3 Health Risk Calculations

The ADMRT program was used to estimate the cancer and chronic health impacts for residential and worker receptors. Acute impacts associated with short-term exposure to TACs (such as 1-hour and 8-hour exposures) are expected to be insignificant. According to BAAQMD, DPM should be used as a surrogate for all TAC emissions from diesel-fueled compression-ignition internal combustion engines. (BAAQMD 2016). DPM does not have an acute reference exposure level, therefore, acute impacts were not evaluated in the HRA. Annual DPM emissions and annual concentrations from each emission source were imported into the ADMRT program. Cancer risk as a result of exposure to DPM in the HRA occurs exclusively through the inhalation pathway. Therefore, the HRA only evaluated cancer risks and chronic impacts from inhalation and no other exposure pathways (e.g., dermal and ingestion). Consistent with OEHHA guidelines, cancer risk was estimated using a 30-year exposure for residents and a 25-year exposure duration for workers.

#### Cancer Risk

Excess lifetime cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to carcinogens. The risk is expressed as a unitless probability and was calculated as the number of cancer incidences per million individuals in the HRA. The cancer risk for a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). For cancer risk, BAAQMD guidance identifies a significant impact if a project would result in an incremental cancer risk that is greater than 10 per million.

#### Chronic Health Impacts

Non-cancer effects of chronic (e.g., long-term) DPM exposures were evaluated using the Hazard Index (HI) approach consistent with OEHHA guidance. The chronic HI is calculated by dividing the maximum modeled annual average concentration at the maximum impacted receptor by the Reference Exposure Level (REL). The REL is the concentration at or below no adverse health effects are anticipated. The BAAQMD guidance identifies a significant impact if a project would result in an incremental chronic HI that is greater than 1.0.

#### PM<sub>2.5</sub> Concentrations

Annual PM<sub>2.5</sub> concentrations from operations were estimated for project operations. The BAAQMD guidance identifies a significant impact if a project would result in an incremental PM<sub>2.5</sub> concentration greater than 0.3 µg/m<sup>3</sup>.

#### Cumulative Risk

Consistent with BAAQMD's CEQA Guidelines, cumulative impacts from DPM and PM<sub>2.5</sub> exposure were evaluated by combining the project's impacts with the impacts of existing sources and reasonably foreseeable future sources of DPM and PM<sub>2.5</sub> within 1,000 feet of the project site boundary or a sensitive receptor.



## LEO RECYCLING AIR QUALITY AND GREENHOUSE GAS ASSESSMENT

The cumulative analysis includes the cancer risk, chronic risk, and annual average PM<sub>2.5</sub> concentrations from cumulative sources obtained from BAAQMD's Permitted Sources Risk and Hazards Map. The BAAQMD guidance identifies a cumulative impact would occur if the project and cumulative sources combined to exceed the following:

- An excess cancer risk level of more than 100 in one million;
- A chronic HI greater than 10; and
- Annual PM<sub>2.5</sub> concentrations greater than 0.8 µg/m<sup>3</sup>



## 5.0 AIR QUALITY IMPACT ANALYSIS

---

**Impact AIR-1 Conflict with or obstruct implementation of the applicable air quality plan?**

---

The applicable air quality plans associated with the proposed project site include the 2017 BAAQMD Clean Air Plan (BAAQMD 2017b). The primary goals of the 2017 Clean Air Plan are to attain air quality standards and reduce population exposure to unhealthy air and protect public health in the Bay Area. The BAAQMD has developed its air quality thresholds with the understanding that they are protective of public health.

Overall, operations of the proposed project would not result in a significant increase in criteria pollutant emissions. As shown in the Table 7 and Table 8, operational emissions would be below BAAQMD daily and annual significance thresholds for criteria pollutants. Furthermore, as shown in Table 9, the project would not result in significant health impacts. Based on this, the project would not conflict with or obstruct implementation of applicable air quality plans, therefore, impacts would be less than significant.

---

**Impact AIR-2 Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?**

---

The project would result in emissions of criteria pollutants for which the region is in non-attainment during operations. The Air Basin fails to meet the NAAQS for ozone and PM<sub>2.5</sub> and fails to meet the CAAQS for ozone, PM<sub>10</sub>, and PM<sub>2.5</sub>. The BAAQMD has established significance thresholds to assist the region in attaining applicable NAAQS and CAAQS and apply to primary (criteria and precursor) and secondary pollutant (ozone).

As discussed previously, the project would extend the operating schedule from six days per week to seven days per week. The project was evaluated based on the net increase in emissions (project-existing). Detailed emission calculations are provided in Appendix A.

The proposed project would be considered to contribute to a significant impact if it would result in exceedance of BAAQMD significance thresholds for ROG, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. As shown in Table 7 and Table 8, operational emissions would be below BAAQMD daily and annual significance thresholds for criteria pollutants. Based on this, project operational emissions would not result in a considerable net increase of criteria pollutants for which the region is non-attainment, therefore, impacts would be less than significant.



**Table 7: Project Annual Operation Emissions**

Source	ROG	NOx	PM <sub>10</sub>	PM <sub>2.5</sub>
	Annual Emissions (tons/year)			
Offroad	0.11	1.45	0.05	0.05
Staff	0.03	0.02	0.08	0.02
Inbound Trucks	1.30	27.03	3.17	1.22
Outbound Trucks	0.22	5.78	0.57	0.22
Stationary	0.37	0.79	0.04	0.04
<b>Project Emissions</b>	<b>2.02</b>	<b>35.06</b>	<b>3.91</b>	<b>1.55</b>
Existing Emissions	1.64	28.20	3.13	1.24
<b>Net Emissions</b>	<b>0.38</b>	<b>6.86</b>	<b>0.79</b>	<b>0.31</b>
BAAQMD Thresholds	10	10	15	10
<b>Exceed Thresholds</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

Using the net annual emissions from Table 7, the net increase in average daily emissions were estimated based on 365 days of operation. As shown in Table 8, the net increase in average daily emissions would be below all BAAQMD thresholds, therefore, impacts would be less than significant.

**Table 8: Project Average Daily Emissions**

Source	ROG	NOx	PM <sub>10</sub>	PM <sub>2.5</sub>
	Average Daily Emissions (lb/day)			
Net Increase	2.08	37.60	4.32	1.68
BAAQMD Threshold	54	54	82	54
<b>Exceeds Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

---

**Impact AIR-3 Expose sensitive receptors to substantial pollutant concentrations?**


---

**Project Health Impacts**

As stated previously, the ADMRT was used to estimate the project's health risk impacts and impacts were based on the net increase in DPM and PM<sub>2.5</sub> emissions. The residential cancer risk analysis was based on a being exposed to the project's DPM emissions for a duration of 30 years. The worker cancer risk analysis was based on a worker receptor being exposed to the project's DPM emissions for a duration of 25 years. As shown in Table 9, the project would not exceed the cancer risk, chronic hazard index, or PM<sub>2.5</sub> concentration thresholds, therefore the project would not expose sensitive receptors to substantial pollutant concentrations and impacts would be less than significant.



**Table 9: Project Health Impacts Summary**

Receptor Type	Cancer Risk (per million)	Chronic HI	Annual PM <sub>2.5</sub> (ug/m <sup>3</sup> )
Residential	5.19	0.0014	0.11
Worker	6.83	0.0221	0.11
BAAQMD Threshold	10	1.0	0.30
Exceeds Threshold	No	No	No

**Cumulative Health Impacts**

As described previously, the cumulative analysis included cancer risk, chronic impacts, and PM<sub>2.5</sub> concentrations for existing stationary sources and gasoline dispensing facilities. Table 10 presents the modeled cumulative lifetime excess cancer risk for operations of the project. As shown in Table 10, cumulative impacts would be below all cumulative thresholds and impacts would be less than significant.

**Table 10: Cumulative Health Risk Summary**

Receptor Type	Cancer Risk (per million)	Chronic HI	Annual PM <sub>2.5</sub> (ug/m <sup>3</sup> )
Residential	6.89	0.021	0.11
Worker	8.53	0.04	0.11
BAAQMD Threshold	100	10	0.80
Exceeds Threshold	No	No	No

**Impact AIR-4 Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?**

The existing operational activities at the project site would remain unchanged, there would only be an increase in the operating schedule from six days per week to seven days per week. Operation of the proposed project would not create the addition of any facilities known to produce odors beyond what currently exists at the project site. Furthermore, the project would continue to implement odor control measures that are currently being practiced. The project would not create objectionable odors affecting a substantial number of people, therefore impacts would be less than significant.



## 6.0 GREENHOUSE GAS IMPACT ANALYSIS

---

**Impact GHG-1, GHG-2** Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment or conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

---

The project's long-term operational emissions were based on annual usage of offroad equipment, heavy duty waste trucks, employee vehicles, waste shredding equipment, and electricity consumption. The project would generate minimal GHG emissions from water and wastewater conveyance and would not consume natural gas. GHG emissions from waste generation were excluded since the project is a waste collection and recycling facility. Emissions for the project are shown in Table 11.

**Table 11: Project Annual GHG Emissions**

Source Category	MTCO <sub>2</sub> e/year
Offroad	611.69
Staff	88.19
Inbound Trucks	8,765.30
Outbound Trucks	1,840.76
Shredder	1,247.47
Electricity	17.01
<b>Project Total</b>	<b>12,570.42</b>
Existing Total	10,160.38
<b>Net Emissions</b>	<b>2,410.04</b>

The project is a recycling facility and would expand its maximum daily capacity of materials from 450 to 500 tpd allowing it to continue to collect waste and separate waste into the appropriate recyclable material streams. The recyclable materials would include, but not limited to green waste, wood, metals, cardboard, and dirt. These materials would be sent to the appropriate waste disposal sites or other facilities for reuse. The project's recycling would reduce the amount of waste sent to landfills, reducing potential methane gas emissions. Furthermore, the project's recycling efforts would promote conservation of raw materials and reduce GHG emissions associated with generating raw materials. Based on this, the project would not conflict with applicable plans, policies, or regulations for reducing GHG emissions and would not emit GHG emissions that would have a significant impact on the environment, therefore, impacts would be less than significant.





## 7.0 REFERENCES

Bay Area Air Quality Management District (BAAQMD). 2013. Community Air Risk Evaluation Program, Impacted Areas. Available at: <https://www.baaqmd.gov/~media/files/planning-and-research/care-program/revised-2013-care-communities-pdf.pdf?la=en>. Accessed on July 23, 2020.

\_\_\_\_\_. 2016. New Source Review of Toxic Air Contaminants. Available at: [https://www.baaqmd.gov/~media/dotgov/files/rules/reg-2-rule-5-new-source-review-of-toxic-air-contaminants/documents/rg0205\\_120716-pdf.pdf?la=en](https://www.baaqmd.gov/~media/dotgov/files/rules/reg-2-rule-5-new-source-review-of-toxic-air-contaminants/documents/rg0205_120716-pdf.pdf?la=en). Accessed July 23, 2020.

\_\_\_\_\_. 2017a. CEQA Air Quality Guidelines. Available at: [https://www.baaqmd.gov/~media/files/planning-and-research/ceqa/ceqa\\_guidelines\\_may2017-pdf.pdf?la=en](https://www.baaqmd.gov/~media/files/planning-and-research/ceqa/ceqa_guidelines_may2017-pdf.pdf?la=en). Accessed on July 23, 2020.

\_\_\_\_\_. 2017b. Final 2017 Clean Air Plan, Volume 2. Available at: [https://www.baaqmd.gov/~media/files/planning-and-research/plans/2017-clean-air-plan/attachment-a\\_proposed-final-cap-volume-2-pdf.pdf?la=en](https://www.baaqmd.gov/~media/files/planning-and-research/plans/2017-clean-air-plan/attachment-a_proposed-final-cap-volume-2-pdf.pdf?la=en). Accessed on July 23, 2020.

\_\_\_\_\_. 2020. Ambient Air Quality Standards and Attainment Status. Available at: <https://www.baaqmd.gov/about-air-quality/research-and-data/air-quality-standards-and-attainment-status>. Accessed on July 23, 2020.

California Air Resources Board (CARB). 2000. Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles. California Air Resources Board. Stationary Source Division, Mobile Source Control Division. Available at: <https://ww2.arb.ca.gov/sites/default/files/classic/diesel/documents/rrpfinal.pdf>. Accessed July 23, 2020.

\_\_\_\_\_. 2019. iADAM: Air Quality and Data Statistics. Available at: <https://www.arb.ca.gov/adam/trends/trends1.php>. Accessed on July 23, 2020.

United States Census Bureau. 2019. Populations estimates for City of San Jose. Available at: <https://www.census.gov/quickfacts/sanjosecitycalifornia>. Accessed on July 23, 2020.



# **APPENDIX A**

## **Emissions Estimates and Health Risk Assessment**

			Daily Emissions							
<b>Daily Emissions</b>			ROG	NOx	PM10 Total	PM2.5 Total	CO2	CH4	N2O	
Source Category	Days/Week	Weeks/Year	lb/day							
Offroad	6	52	0.60	7.98	0.29	0.29	3,671.55	1.19	0.00	
Staff	6	52	0.10	0.08	0.31	0.08	260.97	0.00	0.61	
Inbound Trucks	6	52	6.71	139.65	16.40	6.29	48,006.56	1.27	7.11	
Outbound Trucks	6	52	1.08	28.73	2.83	1.07	9,667.50	0.32	1.53	
Stationary	6	52	2.03	4.35	0.22	0.22	7,555.50	0.00	0.00	
							GWP <sup>1</sup>			
							CO2	CH4	N2O	
							1	28	265	
			Annual Emissions							
			ROG	NOx	PM10 Total	PM2.5 Total	CO2	CH4	N2O	CO2e
Source Category	tons/year				MT/Year					
Offroad	0.09	1.25	0.04	0.04	519.60	0.17	0.00	524.30		
Staff	0.02	0.01	0.05	0.01	36.93	0.00	0.09	59.66		
Inbound Trucks	1.05	21.79	2.56	0.98	6,793.94	0.18	1.01	7,065.73		
Outbound Trucks	0.17	4.48	0.44	0.17	1,368.15	0.05	0.22	1,426.83		
Stationary	0.32	0.68	0.03	0.03	1,069.26	0.00	0.00	1,069.26		
Electricity	-	-	-	-	-	-	-	14.59		
<b>Existing</b>	<b>1.64</b>	<b>28.20</b>	<b>3.13</b>	<b>1.24</b>	<b>9,787.89</b>	<b>0.39</b>	<b>1.31</b>	<b>10,160.38</b>		

Average Daily Emissions	ROG	NOx	PM10 Total	PM2.5 Total
lb/day				
Existing	8.99	154.54	17.13	6.79

Notes:  
 1. Global Warming Potential Values, CARB  
[https://ww2.arb.ca.gov/sites/default/files/2018-06/Global-Warming-Potential-Values%20%28Feb%2016%202016%29\\_1.pdf](https://ww2.arb.ca.gov/sites/default/files/2018-06/Global-Warming-Potential-Values%20%28Feb%2016%202016%29_1.pdf)

**EXISTING OFFROAD EQUIPMENT**

								<b>Emission Factors</b>							
								<b>ROG</b>	<b>NOx</b>	<b>PM10 Total</b>	<b>PM2.5 Total</b>	<b>CO2</b>	<b>CH4</b>	<b>N2O</b>	
								<b>g/hp-hr</b>							
<b>Equipment Type</b>	<b>CalEEMod Equipment Type</b>	<b>Fuel Type</b>	<b>Engine Tier</b>	<b>Calendar Year</b>	<b>Hours/Day</b>	<b>HP</b>	<b>LF</b>								
Excavator	Excavators	Diesel	Tier 4 Final	2020	6	115	0.38	0.060	0.260	0.008	0.008	472.289	0.153	0.000	
Excavator	Excavators	Diesel	Tier 4 Final	2020	6	175	0.38	0.060	0.260	0.008	0.008	472.289	0.153	0.000	
Excavator	Excavators	Diesel	Interim Tier 4	2020	6	95	0.38	0.000	0.000	0.000	0.000	472.289	0.153	0.000	
Excavator	Excavators	Diesel	Tier 3	2020	6	175	0.38	0.120	2.320	0.088	0.088	472.289	0.153	0.000	
Wheel Loader	Rubber Tired Loaders	Diesel	Tier 4 Final	2020	6	175	0.36	0.060	0.260	0.008	0.008	471.214	0.152	0.000	
Wheel Loader	Rubber Tired Loaders	Diesel	Tier 4 Final	2020	6	175	0.36	0.060	0.260	0.008	0.008	471.214	0.152	0.000	
Wheel Loader	Rubber Tired Loaders	Diesel	Tier 4 Final	2020	6	130	0.36	0.060	0.260	0.008	0.008	471.214	0.152	0.000	
Wheel Loader	Rubber Tired Loaders	Diesel	Tier 4 Final	2020	6	130	0.36	0.060	0.260	0.008	0.008	471.214	0.152	0.000	
Street Sweeper	Sweepers/Scrubbers	Diesel	Tier 3	2020	8	230	0.46	0.120	2.320	0.088	0.088	470.126	0.152	0.000	
Forklift	Forklifts	Propane	NA	2020	6	59	0.2	0.065	3.055	0.059	0.059	615.945	0.199	0.000	
								<b>Emissions</b>							
								<b>ROG</b>	<b>NOx</b>	<b>PM10 Total</b>	<b>PM2.5 Total</b>	<b>CO2</b>	<b>CH4</b>	<b>N2O</b>	
								<b>lb/day</b>							
								0.03	0.15	0.005	0.00	273.00	0.09	0.00	
								0.05	0.23	0.007	0.01	415.44	0.13	0.00	
								0.00	0.00	0.000	0.00	225.52	0.07	0.00	
								0.11	2.04	0.077	0.08	415.44	0.13	0.00	
								0.05	0.22	0.007	0.01	392.68	0.13	0.00	
								0.05	0.22	0.007	0.01	392.68	0.13	0.00	
								0.04	0.16	0.005	0.00	291.70	0.09	0.00	
								0.04	0.16	0.005	0.00	291.70	0.09	0.00	
								0.22	4.33	0.164	0.16	877.24	0.28	0.00	
								0.01	0.48	0.009	0.01	96.14	0.03	0.00	
								<b>Total</b>	<b>0.60</b>	<b>7.98</b>	<b>0.29</b>	<b>0.29</b>	<b>3671.55</b>	<b>1.19</b>	<b>0.00</b>

**EXISTING STAFF**

Existing # of Employees	Existing # of Daily Employee Trips (In/Out)	One-Way Trip Lenth (miles)	RUNNING Emission Factors (g/mi)							RUNNING Emissions (lb/day)						
			PM10		PM2.5		CO2	CH4	N2O	PM10		PM2.5		CO2	CH4	N2O
			ROG	NOX	Total	Total				ROG	NOX	Total	Total			
21	42	9.5	1.57E-02	6.92E-02	3.46E-01	9.29E-02	2.97E+02	3.77E-03	6.53E-03	0.01	0.06	0.30	0.08	260.97	0.00	0.01
			NON-RUNNING Emission Factor (g/trip)							NON-RUNNING Emissions (lb/day)						
			PM10		PM2.5		CO2	CH4	N2O	PM10		PM2.5		CO2	CH4	N2O
			ROG	NOX	Total	Total				ROG	NOX	Total	Total			
			9.17E-01	2.67E-01	2.11E-03	1.94E-03	6.29E+01	7.11E-02	3.10E-02	0.08	0.02	0.00	0.00	0.00	0.00	0.60
			<b>Total</b>							<b>0.10</b>	<b>0.08</b>	<b>0.31</b>	<b>0.08</b>	<b>260.97</b>	<b>0.00</b>	<b>0.61</b>

**EXISTING INBOUND TRUCKS**

# of Inbound Trucks	Inbound Truck Type	Distribution of Inbound Trips	Total Truck Trips Per Day (In/Out)	One-Way Trip Lenth (miles)	RUNNING Emission Factors (g/mi)							RUNNING Emissions (lb/day)							
					PM10		PM2.5		CO2	CH4	N2O	PM10		PM2.5		CO2	CH4	N2O	
					ROG	NOX	Total	Total				ROG	NOX	Total	Total				
231	HHDT	60%	462	20	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	3.42	93.05	9.53	3.61	32,063.98	1.08	5.08	
116	MHDT	30%	232	20	2.23E-01	3.24E+00	5.30E-01	2.16E-01	1.17E+03	1.23E-02	1.57E-01	2.28	33.11	5.42	2.21	11,982.56	0.13	1.60	
39	LHDT2	10%	78	20	1.24E-01	1.30E+00	4.18E-01	1.32E-01	8.16E+02	8.69E-03	7.21E-02	0.43	4.47	1.44	0.45	2,807.03	0.03	0.25	
<b>386</b>			<b>772</b>																
					NON-RUNNING Emission Factor (g/trip)							NON-RUNNING Emissions (lb/day)							
						PM10		PM2.5		CO2	CH4	N2O	PM10		PM2.5		CO2	CH4	N2O
ROG	NOX	Total	Total	ROG	NOX	Total	Total	ROG	NOX				Total	Total					
					8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	1.78	0.00	0.00	0.04	0.00	0.00	
					1.06E-01	1.19E+00	6.07E-05	5.58E-05	4.53E+00	4.85E-03	3.18E-03	0.05	0.61	0.00	0.00	2.32	0.00	0.00	
					3.85E-01	1.89E-01	1.31E-04	1.20E-04	7.42E+00	9.31E-03	1.44E-02	0.07	0.03	0.00	0.00	1.28	0.00	0.00	
					IDLING Emission Factors (g/trip)							IDLING Emissions (lb/day)							
						PM10		PM2.5		CO2	CH4	N2O	PM10		PM2.5		CO2	CH4	N2O
ROG	NOX	Total	Total	ROG	NOX	Total	Total	ROG	NOX				Total	Total					
					4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.45	6.15	0.01	0.01	1,100.84	0.03	0.17	
					1.78E-02	8.69E-01	2.89E-03	2.77E-03	8.99E+01	1.97E-03	1.37E-02	0.01	0.44	0.00	0.00	45.99	0.00	0.01	
					1.62E-02	1.22E-01	1.49E-03	1.42E-03	1.47E+01	3.14E-03	1.88E-03	0.00	0.02	0.00	0.00	2.54	0.00	0.00	
					<b>Total</b>	<b>6.71</b>	<b>139.65</b>	<b>16.40</b>	<b>6.29</b>	<b>48,006.56</b>	<b>1.27</b>	<b>7.11</b>							

**EXISTING OUTBOUND TRUCKS**

Outbound Categories (HHDT)	Total Trucks per Day	Total Truck Trips Per Day (In/Out)	Weighted One-Way Trip Length (miles)	RUNNING Emission Factors (g/mi)							RUNNING Emissions (lb/day)						
				PM10		PM2.5		CO2	CH4	N2O	PM10		PM2.5		CO2	CH4	N2O
				ROG	NOX	Total	Total				ROG	NOX	Total	Total			
Shredded wood and GW	10	20	64.55	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	0.48	13.00	1.33	0.50	4,479.93	0.15	0.71
Residuals	4	8	69	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	0.20	5.56	0.57	0.22	1,915.51	0.06	0.30
Recyclables	12	24	0.95	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	0.01	0.23	0.02	0.01	79.12	0.00	0.01
Inerts	4	8	54.6	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	0.16	4.40	0.45	0.17	1,515.75	0.05	0.24
ADC	3	6	73	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	0.16	4.41	0.45	0.17	1,519.92	0.05	0.24
<b>Totals</b>	<b>33</b>	<b>66</b>		<b>NON-RUNNING Emission Factor (g/trip)</b>							<b>NON-RUNNING Emissions (lb/day)</b>						
				PM10		PM2.5		CO2	CH4	N2O	PM10		PM2.5		CO2	CH4	N2O
				ROG	NOX	Total	Total				ROG	NOX	Total	Total			
				8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	0.08	0.00	0.00	0.00	0.00	0.00
				8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	0.03	0.00	0.00	0.00	0.00	0.00
				8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	0.09	0.00	0.00	0.00	0.00	0.00
				8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	0.03	0.00	0.00	0.00	0.00	0.00
				8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	0.02	0.00	0.00	0.00	0.00	0.00
				<b>IDLING Emission Factors (g/trip)</b>							<b>IDLING Emission Factors (lb/day)</b>						
				PM10		PM2.5		CO2	CH4	N2O	PM10		PM2.5		CO2	CH4	N2O
				ROG	NOX	Total	Total				ROG	NOX	Total	Total			
				4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.02	0.27	0.00	0.00	47.66	0.00	0.01
				4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.01	0.11	0.00	0.00	19.06	0.00	0.00
				4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.02	0.32	0.00	0.00	57.19	0.00	0.01
				4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.01	0.11	0.00	0.00	19.06	0.00	0.00
				4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.01	0.08	0.00	0.00	14.30	0.00	0.00
				<b>Total</b>							<b>1.08</b>	<b>28.73</b>	<b>2.83</b>	<b>1.07</b>	<b>9,667.50</b>	<b>0.32</b>	<b>1.53</b>

**EXISTING STATIONARY**

Equipment Type	Engine Tier	Hours of Use per Day	HP	LF <sup>1</sup>	Emission Factors (g/bhp-hr) <sup>2,3</sup>						
					VOC	NOX	Total PM10	Total PM2.5	CO2	CH4	N2O
Shredder Engine	Tier 4 Final	15	600	0.73	0.14	0.30	0.02	0.02	521.64		
					Emissions (lb/day)						
					VOC	NOX	Total PM10	Total PM2.5	CO2	CH4	N2O
					2.03	4.35	0.22	0.22	7,555.50	0.00	0.00

**AP-42 Emission Factors**

Diesel Fuel	lb/bhp-hr	g/bhp-hr
SOX	0.00205	0.92988
CO2	1.15	521.64

Notes:

1. Load factor for stationary equipment based on CalEEMod default value.
2. Table 1, CARB: 2017 Off-Road Diesel Emission Factor Update for Nox and PM  
[https://ww3.arb.ca.gov/msei/ordiesel/ordas\\_ef\\_fcf\\_2017.pdf](https://ww3.arb.ca.gov/msei/ordiesel/ordas_ef_fcf_2017.pdf)
3. Values from Table 3.3-1 of 3.3, Gasoline and Diesel Industrial Engines  
<https://www3.epa.gov/ttn/chief/ap42/ch03/final/c03s03.pdf>



**Electricity**

CalEEMod Output

Based on 50,000 sf Unrefrigerated Warehouse-No Rail and 365 days

<b>Total Project MTCO2e/year</b>	<b>Days per Year (7 days per week)</b>	<b>MTCO2e per day</b>
17.015	365.000	0.047

Existing Emissions

<b># of days per year (6 days per week)</b>	<b>Emissions per Year (MTCO2e)</b>
313	14.59

			Daily Emissions							
Daily Emissions			ROG	NOx	PM10 Total	PM2.5 Total	CO2	CH4	N2O	
Source Category	Days/Week	Weeks/Year	lb/day							
Offroad	7	52	0.60	7.98	0.29	0.29	3,671.55	1.19	0.00	
Staff	7	52	0.14	0.11	0.44	0.12	372.81	0.00	0.61	
Inbound Trucks	7	52	7.13	148.49	17.44	6.69	51,046.38	1.35	7.56	
Outbound Trucks	7	52	1.19	31.74	3.13	1.19	10,690.31	0.36	1.69	
Stationary	7	52	2.03	4.35	0.22	0.22	7,555.50	0.00	0.00	
							GWP <sup>1</sup>			
							CO2	CH4	N2O	
							1	28	265	
			Annual Emissions							
Annual Emissions			ROG	NOx	PM10 Total	PM2.5 Total	CO2	CH4	N2O	CO2e
Source Category	tons/year				MT/Year					
Offroad	0.11	1.45	0.05	0.05	606.20	0.20	0.00	611.69		
Staff	0.03	0.02	0.08	0.02	61.55	0.00	0.10	88.19		
Inbound Trucks	1.30	27.03	3.17	1.22	8,428.16	0.22	1.25	8,765.30		
Outbound Trucks	0.22	5.78	0.57	0.22	1,765.05	0.06	0.28	1,840.76		
Stationary	0.37	0.79	0.04	0.04	1,247.47	0.00	0.00	1,247.47		
Electricity	-	-	-	-	-	-	-	17.01		
<b>Project</b>	<b>2.02</b>	<b>35.06</b>	<b>3.91</b>	<b>1.55</b>	<b>12,108.44</b>	<b>0.48</b>	<b>1.63</b>	<b>12,570.42</b>		
Existing	1.64	28.20	3.13	1.24	9,787.89	0.39	1.31	10,160.38		
Net Emissions	<b>0.38</b>	<b>6.86</b>	<b>0.79</b>	<b>0.31</b>	<b>2,320.55</b>	<b>0.08</b>	<b>0.32</b>	<b>2,410.04</b>		
BAAQMD Threshold	10	10	15	10						
<b>Exceeds Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>						

Average Daily Emissions	ROG	NOx	PM10 Total	PM2.5 Total
lb/day				
Net Increase	<b>2.08</b>	<b>37.60</b>	<b>4.32</b>	<b>1.68</b>
BAAQMD Threshold	<b>54</b>	<b>54</b>	<b>82</b>	<b>54</b>
<b>Exceeds Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

Notes:

1. Global Warming Potential Values, CARB

[https://ww2.arb.ca.gov/sites/default/files/2018-06/Global-Warming-Potential-Values%20%28Feb%2016%202016%29\\_1.pdf](https://ww2.arb.ca.gov/sites/default/files/2018-06/Global-Warming-Potential-Values%20%28Feb%2016%202016%29_1.pdf)

								Emission Factors						
								ROG	NOx	PM10 Total	PM2.5 Total	CO2	CH4	N2O
<b>PROJECT OFFROAD EQUIPMENT</b>														
CalEEMod Equipment		Calendar												
Equipment Type	Type	Fuel Type	Engine Tier	Year	Hours/Day	HP	LF	g/hp-hr						
Excavator	Excavators	Diesel	Tier 4 Final	2020	6	115	0.38	0.060	0.260	0.008	0.008	472.289	0.153	0.000
Excavator	Excavators	Diesel	Tier 4 Final	2020	6	175	0.38	0.060	0.260	0.008	0.008	472.289	0.153	0.000
Excavator	Excavators	Diesel	Interim Tier 4	2020	6	95	0.38	0.000	0.000	0.000	0.000	472.289	0.153	0.000
Excavator	Excavators	Diesel	Tier 3	2020	6	175	0.38	0.120	2.320	0.088	0.088	472.289	0.153	0.000
Wheel Loader	Rubber Tired Loaders	Diesel	Tier 4 Final	2020	6	175	0.36	0.060	0.260	0.008	0.008	471.214	0.152	0.000
Wheel Loader	Rubber Tired Loaders	Diesel	Tier 4 Final	2020	6	175	0.36	0.060	0.260	0.008	0.008	471.214	0.152	0.000
Wheel Loader	Rubber Tired Loaders	Diesel	Tier 4 Final	2020	6	130	0.36	0.060	0.260	0.008	0.008	471.214	0.152	0.000
Wheel Loader	Rubber Tired Loaders	Diesel	Tier 4 Final	2020	6	130	0.36	0.060	0.260	0.008	0.008	471.214	0.152	0.000
Street Sweeper	Sweepers/Scrubbers	Diesel	Tier 3	2020	8	230	0.46	0.120	2.320	0.088	0.088	470.126	0.152	0.000
Forklift	Forklifts	Propane	NA	2020	6	59	0.2	0.065	3.055	0.059	0.059	615.945	0.199	0.000
								Emissions						
								ROG	NOx	PM10 Total	PM2.5 Total	CO2	CH4	N2O
								lb/day						
								0.03	0.15	0.005	0.00	273.00	0.09	0.00
								0.05	0.23	0.007	0.01	415.44	0.13	0.00
								0.00	0.00	0.000	0.00	225.52	0.07	0.00
								0.11	2.04	0.077	0.08	415.44	0.13	0.00
								0.05	0.22	0.007	0.01	392.68	0.13	0.00
								0.05	0.22	0.007	0.01	392.68	0.13	0.00
								0.04	0.16	0.005	0.00	291.70	0.09	0.00
								0.04	0.16	0.005	0.00	291.70	0.09	0.00
								0.22	4.33	0.164	0.16	877.24	0.28	0.00
								0.01	0.48	0.009	0.01	96.14	0.03	0.00
<b>Total</b>								<b>0.60</b>	<b>7.98</b>	<b>0.29</b>	<b>0.29</b>	<b>3671.55</b>	<b>1.19</b>	<b>0.00</b>

Notes:  
Daily Project and Existing offroad equipment operation is the same.

**PROJECT STAFF**

Proposed Project # of Employees			RUNNING Emission Factors (g/mi)							RUNNING Emissions (lb/day)													
			PM10 Total	PM2.5 Total	CO2	CH4	N2O	PM10 Total	PM2.5 Total	CO2	CH4	N2O											
Proposed Project # of Employees	Daily Employee Trips (In/Out)	One-Way Trip Lenth (miles)	ROG	NOX	PM10 Total	PM2.5 Total	CO2	CH4	N2O	ROG	NOX	PM10 Total	PM2.5 Total	CO2	CH4	N2O							
30	60	9.5	1.57E-02	6.92E-02	3.46E-01	9.29E-02	2.97E+02	3.77E-03	6.53E-03	0.02	0.09	0.44	0.12	372.81	0.00	0.01							
									NON-RUNNING Emission Factor (g/trip)							NON-RUNNING Emissions (lb/day)							
									ROG	NOX	PM10 Total	PM2.5 Total	CO2	CH4	N2O	ROG	NOX	PM10 Total	PM2.5 Total	CO2	CH4	N2O	
									9.17E-01	2.67E-01	2.11E-03	1.94E-03	6.29E+01	7.11E-02	3.10E-02	0.12	0.02	0.00	0.00	0.00	0.00	0.00	0.60
									<b>Total</b>							<b>0.14</b>	<b>0.11</b>	<b>0.44</b>	<b>0.12</b>	<b>372.81</b>	<b>0.00</b>	<b>0.61</b>	

**PROJECT INBOUND TRUCKS**

Existing # of Inbound Trucks	Existing # of Truck Trips per day	# of New Truck Trips	Inbound Truck Type	Distribution of Inbound Trips	Total Truck Trips Per Day (In/Out) <sup>1</sup>	One-Way Trip Lenth (miles)	RUNNING Emission Factors (g/mi)							RUNNING Emissions (lb/day)								
							PM10		PM2.5		CO2	CH4	N2O	ROG	NOX	PM10		PM2.5		CO2	CH4	N2O
							ROG	NOX	Total	Total						Total	Total	Total	Total			
231	462	29	HHDT	60%	491	20	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	3.63	98.89	10.13	3.84	34,076.65	1.15	5.39		
116	232	15	MHDT	30%	247	20	2.23E-01	3.24E+00	5.30E-01	2.16E-01	1.17E+03	1.23E-02	1.57E-01	2.43	35.25	5.77	2.35	12,757.30	0.13	1.71		
39	78	5	LHDT2	10%	83	20	1.24E-01	1.30E+00	4.18E-01	1.32E-01	8.16E+02	8.69E-03	7.21E-02	0.45	4.76	1.53	0.48	2,986.96	0.03	0.26		
<b>386</b>					<b>821</b>																	
							NON-RUNNING Emission Factor (g/trip)							NON-RUNNING Emissions (lb/day)								
							PM10		PM2.5		CO2	CH4	N2O	ROG	NOX	PM10		PM2.5		CO2	CH4	N2O
							ROG	NOX	Total	Total						Total	Total	Total	Total			
							8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	1.89	0.00	0.00	0.04	0.00	0.00	0.00	0.00
							1.06E-01	1.19E+00	6.07E-05	5.58E-05	4.53E+00	4.85E-03	3.18E-03	0.06	0.65	0.00	0.00	2.47	0.00	0.00	0.00	
							3.85E-01	1.89E-01	1.31E-04	1.20E-04	7.42E+00	9.31E-03	1.44E-02	0.07	0.03	0.00	0.00	1.36	0.00	0.00		
							IDLING Emission Factors (g/trip)							IDLING Emissions (lb/day)								
							PM10		PM2.5		CO2	CH4	N2O	ROG	NOX	PM10		PM2.5		CO2	CH4	N2O
							ROG	NOX	Total	Total						Total	Total	Total				
							4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.48	6.53	0.01	0.01	1,169.94	0.03	0.18		
							1.78E-02	8.69E-01	2.89E-03	2.77E-03	8.99E+01	1.97E-03	1.37E-02	0.01	0.47	0.00	0.00	48.96	0.00	0.01		
							1.62E-02	1.22E-01	1.49E-03	1.42E-03	1.47E+01	3.14E-03	1.88E-03	0.00	0.02	0.00	0.00	2.70	0.00	0.00		
							<b>Total</b>	<b>7.13</b>	<b>148.49</b>	<b>17.44</b>	<b>6.69</b>	<b>51,046.38</b>	<b>1.35</b>	<b>7.56</b>								

Notes:  
 1. Includes additional trucks trips Trip generations estimates to account for facility expansion from 470tpd to 500tpd.

**PROJECT OUTBOUND TRUCKS**

Outbound Categories (HHDТ)	Total Trucks per Day	Total Truck Trips Per Day (In/Out)	Weighted One-Way Trip Length (miles)	RUNNING Emission Factors (g/mi)							RUNNING Emissions (lb/day)						
				PM10		PM2.5		CO2	CH4	N2O	PM10		PM2.5		CO2	CH4	N2O
				ROG	NOX	Total	Total				ROG	NOX	Total	Total			
Shredded wood and GW	10	20	64.55	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	0.48	13.00	1.33	0.50	4,479.93	0.15	0.71
Residuals	4	8	69	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	0.20	5.56	0.57	0.22	1,915.51	0.06	0.30
Recyclables	12	24	0.95	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	0.01	0.23	0.02	0.01	79.12	0.00	0.01
Inerts	4	8	54.6	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	0.16	4.40	0.45	0.17	1,515.75	0.05	0.24
ADC	3	6	73	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	0.16	4.41	0.45	0.17	1,519.92	0.05	0.24
Add'l Trucks from Expansion <sup>1</sup>	2	4	73	1.68E-01	4.57E+00	4.68E-01	1.77E-01	1.57E+03	5.32E-02	2.49E-01	0.11	2.94	0.30	0.11	1,013.28	0.03	0.16
<b>Totals</b>	<b>35</b>	<b>70</b>		<b>NON-RUNNING Emission Factor (g/trip)</b>							<b>NON-RUNNING Emissions (lb/day)</b>						
				PM10		PM2.5		CO2	CH4	N2O	PM10		PM2.5		CO2	CH4	N2O
				ROG	NOX	Total	Total				ROG	NOX	Total	Total			
				8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	0.08	0.00	0.00	0.00	0.00	0.00
				8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	0.03	0.00	0.00	0.00	0.00	0.00
				8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	0.09	0.00	0.00	0.00	0.00	0.00
				8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	0.03	0.00	0.00	0.00	0.00	0.00
				8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	0.02	0.00	0.00	0.00	0.00	0.00
				8.42E-04	1.74E+00	7.80E-07	7.24E-07	4.01E-02	2.11E-07	8.07E-06	0.00	0.02	0.00	0.00	0.00	0.00	0.00
				<b>IDLING Emission Factors (g/trip)</b>							<b>IDLING Emission Factors (lb/day)</b>						
				PM10		PM2.5		CO2	CH4	N2O	PM10		PM2.5		CO2	CH4	N2O
				ROG	NOX	Total	Total				ROG	NOX	Total	Total			
				4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.02	0.27	0.00	0.00	47.66	0.00	0.01
				4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.01	0.11	0.00	0.00	19.06	0.00	0.00
				4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.02	0.32	0.00	0.00	57.19	0.00	0.01
				4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.01	0.11	0.00	0.00	19.06	0.00	0.00
				4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.01	0.08	0.00	0.00	14.30	0.00	0.00
				4.40E-01	6.04E+00	1.24E-02	1.19E-02	1.08E+03	2.46E-02	1.71E-01	0.00	0.05	0.00	0.00	9.53	0.00	0.00
				<b>Total</b>							<b>1.19</b>	<b>31.74</b>	<b>3.13</b>	<b>1.19</b>	<b>10,690.31</b>	<b>0.36</b>	<b>1.69</b>

Notes:

1. Includes additional trucks trips Trip generations estimates to account for facility expansion from 470tpd to 500tpd.

**PROJECT STATIONARY<sup>4</sup>**

Equipment Type	Engine Tier	Hours of Use per Day	HP	LF <sup>1</sup>	Emission Factors (g/bhp-hr) <sup>2,3</sup>						
					VOC	NOX	Total PM10	Total PM2.5	CO2	CH4	N2O
Shredder Engine	Tier 4 Final	15	600	0.73	0.14	0.30	0.02	0.02	521.64		
					Emissions (lb/day)						
					VOC	NOX	Total PM10	Total PM2.5	CO2	CH4	N2O
					2.03	4.35	0.22	0.22	7,555.50	0.00	0.00

**AP-42 Emission Factors**

Diesel Fuel	lb/bhp-hr	g/bhp-hr
SOX	0.00205	0.92988
CO2	1.15	521.64

Notes:

1. Load factor for stationary equipment based on CalEEMod default value.
2. Table 1, CARB: 2017 Off-Road Diesel Emission Factor Update for Nox and PM  
[https://ww3.arb.ca.gov/msei/ordiesel/ordas\\_ef\\_fcf\\_2017.pdf](https://ww3.arb.ca.gov/msei/ordiesel/ordas_ef_fcf_2017.pdf)
3. Values from Table 3.3-1 of 3.3, Gasoline and Diesel Industrial Engines  
<https://www3.epa.gov/ttn/chief/ap42/ch03/final/c03s03.pdf>
4. Daily Project and Existing stationary sources operations is the same.

**Electricity**

CalEEMod Output

Based on 50,000 sf Unrefrigerated Warehouse-No Rail and 365 days

<b>Total Project MTCO2e/year</b>	<b>Days per Year (7 days per week)</b>	<b>MTCO2e per day</b>
17.015	365.000	0.047



## Project Risk Summary

Receptor Type	Cancer Risk (per million)	Chronic HI	Annual PM2.5 (ug/m <sup>3</sup> )
Resident	5.19	0.0014	0.11
BAAQMD Threshold	10	1.0	0.30
<b>Exceeds Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>

XY	X	Y	Cancer Risk Summary	Cancer Risk (per million)	Chronic Hazard Index
6005174129595	600517	4129595	9.42E-07	0.942	2.53E-04
6005274129595	600527	4129595	9.90E-07	0.990	2.66E-04
6005374129595	600537	4129595	1.04E-06	1.038	2.79E-04
6005474129595	600547	4129595	1.09E-06	1.086	2.92E-04
6005574129595	600557	4129595	1.14E-06	1.136	3.05E-04
6005674129595	600567	4129595	1.18E-06	1.184	3.18E-04
6004574129605	600457	4129605	7.12E-07	0.712	1.91E-04
6004674129605	600467	4129605	7.53E-07	0.753	2.02E-04
6004774129605	600477	4129605	7.95E-07	0.795	2.14E-04
6004874129605	600487	4129605	8.39E-07	0.839	2.26E-04
6004974129605	600497	4129605	8.86E-07	0.886	2.38E-04
6005074129605	600507	4129605	9.34E-07	0.934	2.51E-04
6005174129605	600517	4129605	9.84E-07	0.984	2.65E-04
6005274129605	600527	4129605	1.04E-06	1.035	2.78E-04
6005374129605	600537	4129605	1.09E-06	1.086	2.92E-04
6005474129605	600547	4129605	1.14E-06	1.139	3.06E-04
6005574129605	600557	4129605	1.19E-06	1.191	3.20E-04
6005674129605	600567	4129605	1.24E-06	1.243	3.34E-04
6005774129605	600577	4129605	1.30E-06	1.295	3.48E-04
6005874129605	600587	4129605	1.35E-06	1.346	3.62E-04
6005974129605	600597	4129605	1.40E-06	1.395	3.75E-04
6006074129605	600607	4129605	1.44E-06	1.441	3.87E-04
6006174129605	600617	4129605	1.49E-06	1.485	3.99E-04
6006274129605	600627	4129605	1.53E-06	1.528	4.10E-04
6004174129615	600417	4129615	5.93E-07	0.593	1.59E-04
6004274129615	600427	4129615	6.26E-07	0.626	1.68E-04
6004374129615	600437	4129615	6.61E-07	0.661	1.78E-04
6004474129615	600447	4129615	6.99E-07	0.699	1.88E-04
6004574129615	600457	4129615	7.39E-07	0.739	1.99E-04
6004674129615	600467	4129615	7.82E-07	0.782	2.10E-04
6004774129615	600477	4129615	8.27E-07	0.827	2.22E-04
6004874129615	600487	4129615	8.74E-07	0.874	2.35E-04
6004974129615	600497	4129615	9.24E-07	0.924	2.48E-04
6005074129615	600507	4129615	9.76E-07	0.976	2.62E-04
6005174129615	600517	4129615	1.03E-06	1.030	2.77E-04
6005274129615	600527	4129615	1.08E-06	1.084	2.91E-04
6005374129615	600537	4129615	1.14E-06	1.140	3.06E-04
6005474129615	600547	4129615	1.20E-06	1.195	3.21E-04
6005574129615	600557	4129615	1.25E-06	1.251	3.36E-04
6005674129615	600567	4129615	1.31E-06	1.308	3.51E-04
6005774129615	600577	4129615	1.36E-06	1.364	3.66E-04
6005874129615	600587	4129615	1.42E-06	1.417	3.81E-04

6005974129615	600597	4129615	1.47E-06	1.470	3.95E-04
6006074129615	600607	4129615	1.52E-06	1.520	4.08E-04
6006174129615	600617	4129615	1.56E-06	1.565	4.20E-04
6006274129615	600627	4129615	1.61E-06	1.609	4.32E-04
6006374129615	600637	4129615	1.65E-06	1.650	4.43E-04
6006474129615	600647	4129615	1.69E-06	1.688	4.54E-04
6006574129615	600657	4129615	1.72E-06	1.723	4.63E-04
6003974129625	600397	4129625	5.50E-07	0.550	1.48E-04
6004074129625	600407	4129625	5.80E-07	0.580	1.56E-04
6004174129625	600417	4129625	6.12E-07	0.612	1.64E-04
6004274129625	600427	4129625	6.47E-07	0.647	1.74E-04
6004374129625	600437	4129625	6.84E-07	0.684	1.84E-04
6004474129625	600447	4129625	7.24E-07	0.724	1.95E-04
6004574129625	600457	4129625	7.68E-07	0.768	2.06E-04
6004674129625	600467	4129625	8.13E-07	0.813	2.19E-04
6004774129625	600477	4129625	8.61E-07	0.861	2.31E-04
6004874129625	600487	4129625	9.12E-07	0.912	2.45E-04
6004974129625	600497	4129625	9.66E-07	0.966	2.59E-04
6005074129625	600507	4129625	1.02E-06	1.022	2.74E-04
6005174129625	600517	4129625	1.08E-06	1.078	2.90E-04
6005274129625	600527	4129625	1.14E-06	1.137	3.06E-04
6005374129625	600537	4129625	1.20E-06	1.197	3.22E-04
6005474129625	600547	4129625	1.26E-06	1.256	3.38E-04
6005574129625	600557	4129625	1.32E-06	1.317	3.54E-04
6005674129625	600567	4129625	1.38E-06	1.378	3.70E-04
6005774129625	600577	4129625	1.44E-06	1.436	3.86E-04
6005874129625	600587	4129625	1.49E-06	1.494	4.01E-04
6005974129625	600597	4129625	1.55E-06	1.550	4.16E-04
6006074129625	600607	4129625	1.60E-06	1.604	4.31E-04
6006174129625	600617	4129625	1.65E-06	1.653	4.44E-04
6006274129625	600627	4129625	1.70E-06	1.697	4.56E-04
6006374129625	600637	4129625	1.74E-06	1.740	4.68E-04
6006474129625	600647	4129625	1.78E-06	1.778	4.78E-04
6006574129625	600657	4129625	1.81E-06	1.814	4.88E-04
6006674129625	600667	4129625	1.85E-06	1.846	4.96E-04
6006774129625	600677	4129625	1.87E-06	1.874	5.03E-04
6006874129625	600687	4129625	1.90E-06	1.898	5.10E-04
6003774129635	600377	4129635	5.12E-07	0.512	1.38E-04
6003874129635	600387	4129635	5.38E-07	0.538	1.45E-04
6003974129635	600397	4129635	5.66E-07	0.566	1.52E-04
6004074129635	600407	4129635	5.98E-07	0.598	1.61E-04
6004174129635	600417	4129635	6.31E-07	0.631	1.70E-04
6004274129635	600427	4129635	6.68E-07	0.668	1.80E-04
6004374129635	600437	4129635	7.08E-07	0.708	1.90E-04
6004474129635	600447	4129635	7.51E-07	0.751	2.02E-04
6004574129635	600457	4129635	7.97E-07	0.797	2.14E-04
6004674129635	600467	4129635	8.46E-07	0.846	2.27E-04
6004774129635	600477	4129635	8.97E-07	0.897	2.41E-04
6004874129635	600487	4129635	9.52E-07	0.952	2.56E-04
6004974129635	600497	4129635	1.01E-06	1.010	2.71E-04
6005074129635	600507	4129635	1.07E-06	1.069	2.87E-04
6005174129635	600517	4129635	1.13E-06	1.131	3.04E-04
6005274129635	600527	4129635	1.19E-06	1.194	3.21E-04
6005374129635	600537	4129635	1.26E-06	1.258	3.38E-04
6005474129635	600547	4129635	1.32E-06	1.323	3.56E-04

6005574129635	600557	4129635	1.39E-06	1.388	3.73E-04
6005674129635	600567	4129635	1.45E-06	1.453	3.90E-04
6005774129635	600577	4129635	1.52E-06	1.516	4.07E-04
6005874129635	600587	4129635	1.58E-06	1.577	4.24E-04
6005974129635	600597	4129635	1.64E-06	1.636	4.40E-04
6006074129635	600607	4129635	1.69E-06	1.693	4.55E-04
6006174129635	600617	4129635	1.75E-06	1.745	4.69E-04
6006274129635	600627	4129635	1.79E-06	1.794	4.82E-04
6006374129635	600637	4129635	1.84E-06	1.838	4.94E-04
6006474129635	600647	4129635	1.88E-06	1.877	5.04E-04
6006574129635	600657	4129635	1.91E-06	1.914	5.14E-04
6006674129635	600667	4129635	1.95E-06	1.946	5.23E-04
6006774129635	600677	4129635	1.97E-06	1.974	5.31E-04
6006874129635	600687	4129635	2.00E-06	1.999	5.37E-04
6006974129635	600697	4129635	2.02E-06	2.019	5.43E-04
6007074129635	600707	4129635	2.04E-06	2.036	5.47E-04
6003574129645	600357	4129645	4.80E-07	0.480	1.29E-04
6003674129645	600367	4129645	5.02E-07	0.502	1.35E-04
6003774129645	600377	4129645	5.27E-07	0.527	1.42E-04
6003874129645	600387	4129645	5.54E-07	0.554	1.49E-04
6003974129645	600397	4129645	5.84E-07	0.584	1.57E-04
6004074129645	600407	4129645	6.16E-07	0.616	1.66E-04
6004174129645	600417	4129645	6.52E-07	0.652	1.75E-04
6004274129645	600427	4129645	6.91E-07	0.691	1.86E-04
6004374129645	600437	4129645	7.34E-07	0.734	1.97E-04
6004474129645	600447	4129645	7.79E-07	0.779	2.09E-04
6004574129645	600457	4129645	8.29E-07	0.829	2.23E-04
6004674129645	600467	4129645	8.81E-07	0.881	2.37E-04
6004774129645	600477	4129645	9.36E-07	0.936	2.52E-04
6004874129645	600487	4129645	9.95E-07	0.995	2.67E-04
6004974129645	600497	4129645	1.06E-06	1.056	2.84E-04
6005074129645	600507	4129645	1.12E-06	1.121	3.01E-04
6005174129645	600517	4129645	1.19E-06	1.188	3.19E-04
6005274129645	600527	4129645	1.25E-06	1.255	3.37E-04
6005374129645	600537	4129645	1.32E-06	1.324	3.56E-04
6005474129645	600547	4129645	1.40E-06	1.396	3.75E-04
6005574129645	600557	4129645	1.47E-06	1.466	3.94E-04
6005674129645	600567	4129645	1.53E-06	1.535	4.12E-04
6005774129645	600577	4129645	1.60E-06	1.602	4.30E-04
6005874129645	600587	4129645	1.67E-06	1.668	4.48E-04
6005974129645	600597	4129645	1.73E-06	1.731	4.65E-04
6006074129645	600607	4129645	1.79E-06	1.791	4.81E-04
6006174129645	600617	4129645	1.85E-06	1.846	4.96E-04
6006274129645	600627	4129645	1.90E-06	1.896	5.10E-04
6006374129645	600637	4129645	1.94E-06	1.943	5.22E-04
6006474129645	600647	4129645	1.99E-06	1.986	5.34E-04
6006574129645	600657	4129645	2.02E-06	2.022	5.43E-04
6006674129645	600667	4129645	2.05E-06	2.054	5.52E-04
6006774129645	600677	4129645	2.08E-06	2.083	5.60E-04
6006874129645	600687	4129645	2.11E-06	2.108	5.66E-04
6006974129645	600697	4129645	2.13E-06	2.128	5.72E-04
6007074129645	600707	4129645	2.14E-06	2.144	5.76E-04
6007174129645	600717	4129645	2.16E-06	2.159	5.80E-04
6007274129645	600727	4129645	2.17E-06	2.166	5.82E-04
6003474129655	600347	4129655	4.73E-07	0.473	1.27E-04

6003574129655	600357	4129655	4.94E-07	0.494	1.33E-04
6003674129655	600367	4129655	5.17E-07	0.517	1.39E-04
6003774129655	600377	4129655	5.42E-07	0.542	1.46E-04
6003874129655	600387	4129655	5.71E-07	0.571	1.53E-04
6003974129655	600397	4129655	6.02E-07	0.602	1.62E-04
6004074129655	600407	4129655	6.36E-07	0.636	1.71E-04
6004174129655	600417	4129655	6.74E-07	0.674	1.81E-04
6004274129655	600427	4129655	7.15E-07	0.715	1.92E-04
6004374129655	600437	4129655	7.60E-07	0.760	2.04E-04
6004474129655	600447	4129655	8.09E-07	0.809	2.17E-04
6004574129655	600457	4129655	8.62E-07	0.862	2.32E-04
6004674129655	600467	4129655	9.18E-07	0.918	2.47E-04
6004774129655	600477	4129655	9.77E-07	0.977	2.63E-04
6004874129655	600487	4129655	1.04E-06	1.041	2.80E-04
6004974129655	600497	4129655	1.11E-06	1.107	2.97E-04
6005074129655	600507	4129655	1.18E-06	1.177	3.16E-04
6005174129655	600517	4129655	1.25E-06	1.249	3.36E-04
6005274129655	600527	4129655	1.32E-06	1.322	3.55E-04
6005374129655	600537	4129655	1.40E-06	1.398	3.76E-04
6005474129655	600547	4129655	1.47E-06	1.475	3.96E-04
6005574129655	600557	4129655	1.55E-06	1.550	4.17E-04
6005674129655	600567	4129655	1.62E-06	1.625	4.37E-04
6005774129655	600577	4129655	1.70E-06	1.697	4.56E-04
6005874129655	600587	4129655	1.77E-06	1.767	4.75E-04
6005974129655	600597	4129655	1.83E-06	1.834	4.93E-04
6006074129655	600607	4129655	1.90E-06	1.897	5.10E-04
6006174129655	600617	4129655	1.96E-06	1.957	5.26E-04
6006274129655	600627	4129655	2.01E-06	2.010	5.40E-04
6006374129655	600637	4129655	2.06E-06	2.059	5.53E-04
6006474129655	600647	4129655	2.10E-06	2.103	5.65E-04
6006574129655	600657	4129655	2.14E-06	2.141	5.75E-04
6006674129655	600667	4129655	2.17E-06	2.172	5.84E-04
6006774129655	600677	4129655	2.20E-06	2.200	5.91E-04
6006874129655	600687	4129655	2.22E-06	2.225	5.98E-04
6006974129655	600697	4129655	2.25E-06	2.245	6.03E-04
6007074129655	600707	4129655	2.26E-06	2.263	6.08E-04
6007174129655	600717	4129655	2.27E-06	2.273	6.11E-04
6007274129655	600727	4129655	2.28E-06	2.281	6.13E-04
6007374129655	600737	4129655	2.29E-06	2.287	6.14E-04
6007474129655	600747	4129655	2.29E-06	2.289	6.15E-04
6003274129665	600327	4129665	4.51E-07	0.451	1.21E-04
6003374129665	600337	4129665	4.68E-07	0.468	1.26E-04
6003474129665	600347	4129665	4.87E-07	0.487	1.31E-04
6003574129665	600357	4129665	5.08E-07	0.508	1.37E-04
6003674129665	600367	4129665	5.32E-07	0.532	1.43E-04
6003774129665	600377	4129665	5.59E-07	0.559	1.50E-04
6003874129665	600387	4129665	5.88E-07	0.588	1.58E-04
6003974129665	600397	4129665	6.21E-07	0.621	1.67E-04
6004074129665	600407	4129665	6.57E-07	0.657	1.76E-04
6004174129665	600417	4129665	6.97E-07	0.697	1.87E-04
6004274129665	600427	4129665	7.41E-07	0.741	1.99E-04
6004374129665	600437	4129665	7.89E-07	0.789	2.12E-04
6004474129665	600447	4129665	8.41E-07	0.841	2.26E-04
6004574129665	600457	4129665	8.97E-07	0.897	2.41E-04
6004674129665	600467	4129665	9.58E-07	0.958	2.57E-04

6004774129665	600477	4129665	1.02E-06	1.022	2.75E-04
6004874129665	600487	4129665	1.09E-06	1.091	2.93E-04
6004974129665	600497	4129665	1.16E-06	1.162	3.12E-04
6005074129665	600507	4129665	1.24E-06	1.237	3.32E-04
6005174129665	600517	4129665	1.31E-06	1.314	3.53E-04
6005274129665	600527	4129665	1.40E-06	1.396	3.75E-04
6005374129665	600537	4129665	1.48E-06	1.478	3.97E-04
6005474129665	600547	4129665	1.56E-06	1.559	4.19E-04
6005574129665	600557	4129665	1.64E-06	1.642	4.41E-04
6005674129665	600567	4129665	1.72E-06	1.722	4.63E-04
6005774129665	600577	4129665	1.80E-06	1.801	4.84E-04
6005874129665	600587	4129665	1.88E-06	1.877	5.04E-04
6005974129665	600597	4129665	1.95E-06	1.948	5.23E-04
6006074129665	600607	4129665	2.01E-06	2.015	5.41E-04
6006174129665	600617	4129665	2.08E-06	2.076	5.58E-04
6006274129665	600627	4129665	2.13E-06	2.131	5.73E-04
6006374129665	600637	4129665	2.18E-06	2.183	5.87E-04
6006474129665	600647	4129665	2.23E-06	2.230	5.99E-04
6006574129665	600657	4129665	2.27E-06	2.271	6.10E-04
6006674129665	600667	4129665	2.30E-06	2.302	6.19E-04
6006774129665	600677	4129665	2.33E-06	2.328	6.25E-04
6006874129665	600687	4129665	2.35E-06	2.353	6.32E-04
6006974129665	600697	4129665	2.37E-06	2.374	6.38E-04
6007074129665	600707	4129665	2.39E-06	2.388	6.42E-04
6007174129665	600717	4129665	2.40E-06	2.397	6.44E-04
6007274129665	600727	4129665	2.41E-06	2.405	6.46E-04
6007374129665	600737	4129665	2.41E-06	2.409	6.47E-04
6007474129665	600747	4129665	2.41E-06	2.411	6.48E-04
6007574129665	600757	4129665	2.41E-06	2.411	6.48E-04
6003174129675	600317	4129675	4.49E-07	0.449	1.21E-04
6003274129675	600327	4129675	4.65E-07	0.465	1.25E-04
6003374129675	600337	4129675	4.83E-07	0.483	1.30E-04
6003474129675	600347	4129675	5.02E-07	0.502	1.35E-04
6003574129675	600357	4129675	5.24E-07	0.524	1.41E-04
6003674129675	600367	4129675	5.49E-07	0.549	1.47E-04
6003774129675	600377	4129675	5.76E-07	0.576	1.55E-04
6003874129675	600387	4129675	6.07E-07	0.607	1.63E-04
6003974129675	600397	4129675	6.41E-07	0.641	1.72E-04
6004074129675	600407	4129675	6.79E-07	0.679	1.82E-04
6004174129675	600417	4129675	7.21E-07	0.721	1.94E-04
6004274129675	600427	4129675	7.69E-07	0.769	2.07E-04
6004374129675	600437	4129675	8.20E-07	0.820	2.20E-04
6004474129675	600447	4129675	8.75E-07	0.875	2.35E-04
6004574129675	600457	4129675	9.35E-07	0.935	2.51E-04
6004674129675	600467	4129675	9.99E-07	0.999	2.69E-04
6004774129675	600477	4129675	1.07E-06	1.069	2.87E-04
6004874129675	600487	4129675	1.14E-06	1.143	3.07E-04
6004974129675	600497	4129675	1.22E-06	1.221	3.28E-04
6005074129675	600507	4129675	1.30E-06	1.302	3.50E-04
6005174129675	600517	4129675	1.39E-06	1.387	3.73E-04
6005274129675	600527	4129675	1.48E-06	1.476	3.97E-04
6005374129675	600537	4129675	1.56E-06	1.563	4.20E-04
6005474129675	600547	4129675	1.65E-06	1.653	4.44E-04
6005574129675	600557	4129675	1.74E-06	1.742	4.68E-04
6005674129675	600567	4129675	1.83E-06	1.829	4.91E-04

6005774129675	600577	4129675	1.91E-06	1.914	5.14E-04
6005874129675	600587	4129675	2.00E-06	1.996	5.36E-04
6005974129675	600597	4129675	2.07E-06	2.072	5.57E-04
6006074129675	600607	4129675	2.14E-06	2.142	5.76E-04
6006174129675	600617	4129675	2.21E-06	2.207	5.93E-04
6006274129675	600627	4129675	2.26E-06	2.263	6.08E-04
6006374129675	600637	4129675	2.32E-06	2.319	6.23E-04
6006474129675	600647	4129675	2.37E-06	2.367	6.36E-04
6006574129675	600657	4129675	2.41E-06	2.408	6.47E-04
6006674129675	600667	4129675	2.44E-06	2.441	6.56E-04
6006774129675	600677	4129675	2.47E-06	2.467	6.63E-04
6006874129675	600687	4129675	2.49E-06	2.492	6.70E-04
6006974129675	600697	4129675	2.51E-06	2.511	6.75E-04
6007074129675	600707	4129675	2.52E-06	2.523	6.78E-04
6007174129675	600717	4129675	2.53E-06	2.533	6.81E-04
6007274129675	600727	4129675	2.54E-06	2.539	6.82E-04
6007374129675	600737	4129675	2.54E-06	2.543	6.83E-04
6007474129675	600747	4129675	2.54E-06	2.544	6.84E-04
6007574129675	600757	4129675	2.54E-06	2.542	6.83E-04
6007674129675	600767	4129675	2.54E-06	2.538	6.82E-04
6002974129685	600297	4129685	4.35E-07	0.435	1.17E-04
6003074129685	600307	4129685	4.49E-07	0.449	1.21E-04
6003174129685	600317	4129685	4.63E-07	0.463	1.24E-04
6003274129685	600327	4129685	4.80E-07	0.480	1.29E-04
6003374129685	600337	4129685	4.98E-07	0.498	1.34E-04
6003474129685	600347	4129685	5.18E-07	0.518	1.39E-04
6003574129685	600357	4129685	5.41E-07	0.541	1.45E-04
6003674129685	600367	4129685	5.66E-07	0.566	1.52E-04
6003774129685	600377	4129685	5.95E-07	0.595	1.60E-04
6003874129685	600387	4129685	6.27E-07	0.627	1.68E-04
6003974129685	600397	4129685	6.62E-07	0.662	1.78E-04
6004074129685	600407	4129685	7.02E-07	0.702	1.89E-04
6004174129685	600417	4129685	7.48E-07	0.748	2.01E-04
6004274129685	600427	4129685	7.98E-07	0.798	2.14E-04
6004374129685	600437	4129685	8.51E-07	0.851	2.29E-04
6004474129685	600447	4129685	9.11E-07	0.911	2.45E-04
6004574129685	600457	4129685	9.75E-07	0.975	2.62E-04
6004674129685	600467	4129685	1.04E-06	1.044	2.81E-04
6004774129685	600477	4129685	1.12E-06	1.120	3.01E-04
6004874129685	600487	4129685	1.20E-06	1.199	3.22E-04
6004974129685	600497	4129685	1.28E-06	1.283	3.45E-04
6005074129685	600507	4129685	1.37E-06	1.373	3.69E-04
6005174129685	600517	4129685	1.47E-06	1.467	3.94E-04
6005274129685	600527	4129685	1.56E-06	1.561	4.19E-04
6005374129685	600537	4129685	1.66E-06	1.657	4.45E-04
6005474129685	600547	4129685	1.75E-06	1.755	4.71E-04
6005574129685	600557	4129685	1.85E-06	1.851	4.97E-04
6005674129685	600567	4129685	1.95E-06	1.946	5.23E-04
6005774129685	600577	4129685	2.04E-06	2.038	5.48E-04
6005874129685	600587	4129685	2.13E-06	2.126	5.71E-04
6005974129685	600597	4129685	2.21E-06	2.208	5.93E-04
6006074129685	600607	4129685	2.28E-06	2.283	6.14E-04
6006174129685	600617	4129685	2.35E-06	2.352	6.32E-04
6006274129685	600627	4129685	2.41E-06	2.412	6.48E-04
6006374129685	600637	4129685	2.47E-06	2.468	6.63E-04

6006474129685	600647	4129685	2.52E-06	2.518	6.77E-04
6006574129685	600657	4129685	2.56E-06	2.558	6.87E-04
6006674129685	600667	4129685	2.59E-06	2.592	6.96E-04
6006774129685	600677	4129685	2.62E-06	2.619	7.04E-04
6006874129685	600687	4129685	2.64E-06	2.643	7.10E-04
6006974129685	600697	4129685	2.66E-06	2.660	7.15E-04
6007074129685	600707	4129685	2.67E-06	2.672	7.18E-04
6007174129685	600717	4129685	2.68E-06	2.680	7.20E-04
6007274129685	600727	4129685	2.69E-06	2.686	7.22E-04
6007374129685	600737	4129685	2.69E-06	2.688	7.22E-04
6007474129685	600747	4129685	2.69E-06	2.687	7.22E-04
6007574129685	600757	4129685	2.68E-06	2.684	7.21E-04
6007674129685	600767	4129685	2.68E-06	2.678	7.20E-04
6007774129685	600777	4129685	2.67E-06	2.671	7.18E-04
6007874129685	600787	4129685	2.66E-06	2.662	7.15E-04
6002874129695	600287	4129695	4.38E-07	0.438	1.18E-04
6002974129695	600297	4129695	4.50E-07	0.450	1.21E-04
6003074129695	600307	4129695	4.64E-07	0.464	1.25E-04
6003174129695	600317	4129695	4.78E-07	0.478	1.29E-04
6003274129695	600327	4129695	4.95E-07	0.495	1.33E-04
6003374129695	600337	4129695	5.14E-07	0.514	1.38E-04
6003474129695	600347	4129695	5.35E-07	0.535	1.44E-04
6003574129695	600357	4129695	5.58E-07	0.558	1.50E-04
6003674129695	600367	4129695	5.85E-07	0.585	1.57E-04
6003774129695	600377	4129695	6.14E-07	0.614	1.65E-04
6003874129695	600387	4129695	6.47E-07	0.647	1.74E-04
6003974129695	600397	4129695	6.84E-07	0.684	1.84E-04
6004074129695	600407	4129695	7.28E-07	0.728	1.96E-04
6004174129695	600417	4129695	7.75E-07	0.775	2.08E-04
6004274129695	600427	4129695	8.27E-07	0.827	2.22E-04
6004374129695	600437	4129695	8.85E-07	0.885	2.38E-04
6004474129695	600447	4129695	9.49E-07	0.949	2.55E-04
6004574129695	600457	4129695	1.02E-06	1.017	2.73E-04
6004674129695	600467	4129695	1.09E-06	1.092	2.94E-04
6004774129695	600477	4129695	1.17E-06	1.174	3.15E-04
6004874129695	600487	4129695	1.26E-06	1.260	3.38E-04
6004974129695	600497	4129695	1.35E-06	1.353	3.63E-04
6005074129695	600507	4129695	1.45E-06	1.451	3.90E-04
6005174129695	600517	4129695	1.55E-06	1.551	4.17E-04
6005274129695	600527	4129695	1.66E-06	1.655	4.45E-04
6005374129695	600537	4129695	1.76E-06	1.761	4.73E-04
6005474129695	600547	4129695	1.87E-06	1.867	5.02E-04
6005574129695	600557	4129695	1.97E-06	1.971	5.30E-04
6005674129695	600567	4129695	2.07E-06	2.075	5.58E-04
6005774129695	600577	4129695	2.17E-06	2.174	5.84E-04
6005874129695	600587	4129695	2.27E-06	2.269	6.10E-04
6005974129695	600597	4129695	2.36E-06	2.357	6.33E-04
6006074129695	600607	4129695	2.44E-06	2.437	6.55E-04
6006174129695	600617	4129695	2.51E-06	2.510	6.74E-04
6006274129695	600627	4129695	2.58E-06	2.575	6.92E-04
6006374129695	600637	4129695	2.63E-06	2.632	7.07E-04
6006474129695	600647	4129695	2.68E-06	2.683	7.21E-04
6006574129695	600657	4129695	2.72E-06	2.725	7.32E-04
6006674129695	600667	4129695	2.76E-06	2.756	7.41E-04
6006774129695	600677	4129695	2.79E-06	2.786	7.48E-04

6006874129695	600687	4129695	2.81E-06	2.808	7.54E-04
6006974129695	600697	4129695	2.82E-06	2.823	7.59E-04
6007074129695	600707	4129695	2.83E-06	2.834	7.62E-04
6007174129695	600717	4129695	2.84E-06	2.841	7.63E-04
6007274129695	600727	4129695	2.84E-06	2.845	7.64E-04
6007374129695	600737	4129695	2.85E-06	2.845	7.65E-04
6007474129695	600747	4129695	2.84E-06	2.843	7.64E-04
6007574129695	600757	4129695	2.84E-06	2.838	7.63E-04
6007674129695	600767	4129695	2.83E-06	2.831	7.61E-04
6007774129695	600777	4129695	2.82E-06	2.821	7.58E-04
6007874129695	600787	4129695	2.81E-06	2.810	7.55E-04
6007974129695	600797	4129695	2.80E-06	2.797	7.52E-04
6002774129705	600277	4129705	4.43E-07	0.443	1.19E-04
6002874129705	600287	4129705	4.54E-07	0.454	1.22E-04
6002974129705	600297	4129705	4.66E-07	0.466	1.25E-04
6003074129705	600307	4129705	4.80E-07	0.480	1.29E-04
6003174129705	600317	4129705	4.95E-07	0.495	1.33E-04
6003274129705	600327	4129705	5.12E-07	0.512	1.38E-04
6003374129705	600337	4129705	5.31E-07	0.531	1.43E-04
6003474129705	600347	4129705	5.52E-07	0.552	1.48E-04
6003574129705	600357	4129705	5.77E-07	0.577	1.55E-04
6003674129705	600367	4129705	6.04E-07	0.604	1.62E-04
6003774129705	600377	4129705	6.35E-07	0.635	1.71E-04
6003874129705	600387	4129705	6.70E-07	0.670	1.80E-04
6003974129705	600397	4129705	7.09E-07	0.709	1.90E-04
6004074129705	600407	4129705	7.54E-07	0.754	2.03E-04
6004174129705	600417	4129705	8.03E-07	0.803	2.16E-04
6004274129705	600427	4129705	8.59E-07	0.859	2.31E-04
6004374129705	600437	4129705	9.21E-07	0.921	2.47E-04
6004474129705	600447	4129705	9.88E-07	0.988	2.66E-04
6004574129705	600457	4129705	1.06E-06	1.062	2.85E-04
6004674129705	600467	4129705	1.14E-06	1.144	3.07E-04
6004774129705	600477	4129705	1.23E-06	1.231	3.31E-04
6004874129705	600487	4129705	1.33E-06	1.326	3.56E-04
6004974129705	600497	4129705	1.43E-06	1.429	3.84E-04
6005074129705	600507	4129705	1.54E-06	1.535	4.13E-04
6005174129705	600517	4129705	1.65E-06	1.646	4.42E-04
6005274129705	600527	4129705	1.76E-06	1.759	4.73E-04
6005374129705	600537	4129705	1.87E-06	1.875	5.04E-04
6005474129705	600547	4129705	1.99E-06	1.991	5.35E-04
6005574129705	600557	4129705	2.11E-06	2.105	5.66E-04
6005674129705	600567	4129705	2.22E-06	2.218	5.96E-04
6005774129705	600577	4129705	2.32E-06	2.324	6.25E-04
6005874129705	600587	4129705	2.43E-06	2.426	6.52E-04
6005974129705	600597	4129705	2.52E-06	2.520	6.77E-04
6006074129705	600607	4129705	2.61E-06	2.607	7.01E-04
6006174129705	600617	4129705	2.69E-06	2.685	7.22E-04
6006274129705	600627	4129705	2.75E-06	2.755	7.40E-04
6006374129705	600637	4129705	2.81E-06	2.813	7.56E-04
6006474129705	600647	4129705	2.86E-06	2.864	7.70E-04
6006574129705	600657	4129705	2.90E-06	2.904	7.80E-04
6006674129705	600667	4129705	2.94E-06	2.939	7.90E-04
6006774129705	600677	4129705	2.97E-06	2.966	7.97E-04
6006874129705	600687	4129705	2.99E-06	2.987	8.03E-04
6006974129705	600697	4129705	3.00E-06	3.002	8.07E-04



6007074129705	600707	4129705	3.01E-06	3.011	8.09E-04
6007174129705	600717	4129705	3.02E-06	3.017	8.11E-04
6007274129705	600727	4129705	3.02E-06	3.018	8.11E-04
6007374129705	600737	4129705	3.02E-06	3.017	8.11E-04
6007474129705	600747	4129705	3.01E-06	3.013	8.10E-04
6007574129705	600757	4129705	3.01E-06	3.006	8.08E-04
6007674129705	600767	4129705	3.00E-06	2.996	8.05E-04
6007774129705	600777	4129705	2.98E-06	2.984	8.02E-04
6007874129705	600787	4129705	2.97E-06	2.971	7.98E-04
6007974129705	600797	4129705	2.96E-06	2.955	7.94E-04
6008074129705	600807	4129705	2.94E-06	2.938	7.90E-04
6002674129715	600267	4129715	4.50E-07	0.450	1.21E-04
6002774129715	600277	4129715	4.60E-07	0.460	1.24E-04
6002874129715	600287	4129715	4.71E-07	0.471	1.27E-04
6002974129715	600297	4129715	4.83E-07	0.483	1.30E-04
6003074129715	600307	4129715	4.97E-07	0.497	1.34E-04
6003174129715	600317	4129715	5.12E-07	0.512	1.38E-04
6003274129715	600327	4129715	5.30E-07	0.530	1.42E-04
6003374129715	600337	4129715	5.49E-07	0.549	1.48E-04
6003474129715	600347	4129715	5.71E-07	0.571	1.53E-04
6003574129715	600357	4129715	5.96E-07	0.596	1.60E-04
6003674129715	600367	4129715	6.25E-07	0.625	1.68E-04
6003774129715	600377	4129715	6.56E-07	0.656	1.76E-04
6003874129715	600387	4129715	6.93E-07	0.693	1.86E-04
6003974129715	600397	4129715	7.34E-07	0.734	1.97E-04
6004074129715	600407	4129715	7.81E-07	0.781	2.10E-04
6004174129715	600417	4129715	8.33E-07	0.833	2.24E-04
6004274129715	600427	4129715	8.93E-07	0.893	2.40E-04
6004374129715	600437	4129715	9.58E-07	0.958	2.57E-04
6004474129715	600447	4129715	1.03E-06	1.030	2.77E-04
6004574129715	600457	4129715	1.11E-06	1.111	2.99E-04
6004674129715	600467	4129715	1.20E-06	1.199	3.22E-04
6004774129715	600477	4129715	1.29E-06	1.294	3.48E-04
6004874129715	600487	4129715	1.40E-06	1.400	3.76E-04
6004974129715	600497	4129715	1.51E-06	1.512	4.06E-04
6005074129715	600507	4129715	1.63E-06	1.627	4.37E-04
6005174129715	600517	4129715	1.75E-06	1.749	4.70E-04
6005274129715	600527	4129715	1.87E-06	1.875	5.04E-04
6005374129715	600537	4129715	2.00E-06	2.002	5.38E-04
6005474129715	600547	4129715	2.13E-06	2.128	5.72E-04
6005574129715	600557	4129715	2.25E-06	2.254	6.06E-04
6005674129715	600567	4129715	2.38E-06	2.376	6.39E-04
6005774129715	600577	4129715	2.49E-06	2.493	6.70E-04
6005874129715	600587	4129715	2.60E-06	2.601	6.99E-04
6005974129715	600597	4129715	2.70E-06	2.703	7.26E-04
6006074129715	600607	4129715	2.80E-06	2.797	7.51E-04
6006174129715	600617	4129715	2.88E-06	2.880	7.74E-04
6006274129715	600627	4129715	2.95E-06	2.953	7.93E-04
6006374129715	600637	4129715	3.01E-06	3.014	8.10E-04
6006474129715	600647	4129715	3.06E-06	3.063	8.23E-04
6006574129715	600657	4129715	3.10E-06	3.103	8.34E-04
6006674129715	600667	4129715	3.14E-06	3.140	8.44E-04
6006774129715	600677	4129715	3.17E-06	3.167	8.51E-04
6006874129715	600687	4129715	3.19E-06	3.187	8.56E-04
6006974129715	600697	4129715	3.20E-06	3.199	8.59E-04

6007074129715	600707	4129715	3.21E-06	3.206	8.61E-04
6007174129715	600717	4129715	3.21E-06	3.209	8.62E-04
6007274129715	600727	4129715	3.21E-06	3.209	8.62E-04
6007374129715	600737	4129715	3.21E-06	3.205	8.61E-04
6007474129715	600747	4129715	3.20E-06	3.199	8.60E-04
6007574129715	600757	4129715	3.19E-06	3.189	8.57E-04
6007674129715	600767	4129715	3.18E-06	3.176	8.53E-04
6007774129715	600777	4129715	3.16E-06	3.162	8.50E-04
6007874129715	600787	4129715	3.14E-06	3.145	8.45E-04
6007974129715	600797	4129715	3.13E-06	3.127	8.40E-04
6008074129715	600807	4129715	3.11E-06	3.106	8.35E-04
6008174129715	600817	4129715	3.08E-06	3.084	8.29E-04
6002574129725	600257	4129725	4.58E-07	0.458	1.23E-04
6002674129725	600267	4129725	4.68E-07	0.468	1.26E-04
6002774129725	600277	4129725	4.78E-07	0.478	1.28E-04
6002874129725	600287	4129725	4.89E-07	0.489	1.32E-04
6002974129725	600297	4129725	5.02E-07	0.502	1.35E-04
6003074129725	600307	4129725	5.16E-07	0.516	1.39E-04
6003174129725	600317	4129725	5.32E-07	0.532	1.43E-04
6003274129725	600327	4129725	5.49E-07	0.549	1.48E-04
6003374129725	600337	4129725	5.69E-07	0.569	1.53E-04
6003474129725	600347	4129725	5.92E-07	0.592	1.59E-04
6003574129725	600357	4129725	6.17E-07	0.617	1.66E-04
6003674129725	600367	4129725	6.46E-07	0.646	1.74E-04
6003774129725	600377	4129725	6.79E-07	0.679	1.83E-04
6003874129725	600387	4129725	7.17E-07	0.717	1.93E-04
6003974129725	600397	4129725	7.61E-07	0.761	2.04E-04
6004074129725	600407	4129725	8.10E-07	0.810	2.18E-04
6004174129725	600417	4129725	8.65E-07	0.865	2.33E-04
6004274129725	600427	4129725	9.28E-07	0.928	2.49E-04
6004374129725	600437	4129725	9.96E-07	0.996	2.68E-04
6004474129725	600447	4129725	1.08E-06	1.076	2.89E-04
6004574129725	600457	4129725	1.16E-06	1.163	3.12E-04
6004674129725	600467	4129725	1.26E-06	1.258	3.38E-04
6004774129725	600477	4129725	1.36E-06	1.364	3.67E-04
6004874129725	600487	4129725	1.48E-06	1.479	3.97E-04
6004974129725	600497	4129725	1.60E-06	1.600	4.30E-04
6005074129725	600507	4129725	1.73E-06	1.728	4.64E-04
6005174129725	600517	4129725	1.86E-06	1.863	5.01E-04
6005274129725	600527	4129725	2.00E-06	2.001	5.38E-04
6005374129725	600537	4129725	2.14E-06	2.140	5.75E-04
6005474129725	600547	4129725	2.28E-06	2.281	6.13E-04
6005574129725	600557	4129725	2.42E-06	2.419	6.50E-04
6005674129725	600567	4129725	2.55E-06	2.553	6.86E-04
6005774129725	600577	4129725	2.68E-06	2.679	7.20E-04
6005874129725	600587	4129725	2.80E-06	2.798	7.52E-04
6005974129725	600597	4129725	2.91E-06	2.909	7.82E-04
6006074129725	600607	4129725	3.01E-06	3.009	8.09E-04
6006174129725	600617	4129725	3.10E-06	3.097	8.32E-04
6006274129725	600627	4129725	3.17E-06	3.172	8.52E-04
6006374129725	600637	4129725	3.23E-06	3.232	8.68E-04
6006474129725	600647	4129725	3.28E-06	3.282	8.82E-04
6006574129725	600657	4129725	3.33E-06	3.326	8.94E-04
6006674129725	600667	4129725	3.36E-06	3.362	9.04E-04
6006774129725	600677	4129725	3.39E-06	3.388	9.10E-04

6006874129725	600687	4129725	3.40E-06	3.405	9.15E-04
6006974129725	600697	4129725	3.42E-06	3.415	9.18E-04
6007074129725	600707	4129725	3.42E-06	3.420	9.19E-04
6007174129725	600717	4129725	3.42E-06	3.421	9.19E-04
6007274129725	600727	4129725	3.42E-06	3.418	9.18E-04
6007374129725	600737	4129725	3.41E-06	3.412	9.17E-04
6007474129725	600747	4129725	3.40E-06	3.402	9.14E-04
6007574129725	600757	4129725	3.39E-06	3.389	9.11E-04
6007674129725	600767	4129725	3.37E-06	3.373	9.06E-04
6007774129725	600777	4129725	3.35E-06	3.354	9.01E-04
6007874129725	600787	4129725	3.33E-06	3.334	8.96E-04
6007974129725	600797	4129725	3.31E-06	3.312	8.90E-04
6008074129725	600807	4129725	3.29E-06	3.287	8.83E-04
6008174129725	600817	4129725	3.26E-06	3.260	8.76E-04
6008274129725	600827	4129725	3.23E-06	3.232	8.68E-04
6002474129735	600247	4129735	4.68E-07	0.468	1.26E-04
6002574129735	600257	4129735	4.78E-07	0.478	1.28E-04
6002674129735	600267	4129735	4.87E-07	0.487	1.31E-04
6002774129735	600277	4129735	4.98E-07	0.498	1.34E-04
6002874129735	600287	4129735	5.10E-07	0.510	1.37E-04
6002974129735	600297	4129735	5.22E-07	0.522	1.40E-04
6003074129735	600307	4129735	5.37E-07	0.537	1.44E-04
6003174129735	600317	4129735	5.53E-07	0.553	1.49E-04
6003274129735	600327	4129735	5.70E-07	0.570	1.53E-04
6003374129735	600337	4129735	5.90E-07	0.590	1.59E-04
6003474129735	600347	4129735	6.14E-07	0.614	1.65E-04
6003574129735	600357	4129735	6.40E-07	0.640	1.72E-04
6003674129735	600367	4129735	6.70E-07	0.670	1.80E-04
6003774129735	600377	4129735	7.04E-07	0.704	1.89E-04
6003874129735	600387	4129735	7.44E-07	0.744	2.00E-04
6003974129735	600397	4129735	7.89E-07	0.789	2.12E-04
6004074129735	600407	4129735	8.40E-07	0.840	2.26E-04
6004174129735	600417	4129735	8.99E-07	0.899	2.42E-04
6004274129735	600427	4129735	9.65E-07	0.965	2.59E-04
6004374129735	600437	4129735	1.04E-06	1.040	2.80E-04
6004474129735	600447	4129735	1.12E-06	1.125	3.02E-04
6004574129735	600457	4129735	1.22E-06	1.218	3.27E-04
6004674129735	600467	4129735	1.32E-06	1.324	3.56E-04
6004774129735	600477	4129735	1.44E-06	1.440	3.87E-04
6004874129735	600487	4129735	1.56E-06	1.564	4.20E-04
6004974129735	600497	4129735	1.70E-06	1.697	4.56E-04
6005074129735	600507	4129735	1.84E-06	1.840	4.94E-04
6005174129735	600517	4129735	1.99E-06	1.990	5.35E-04
6005274129735	600527	4129735	2.14E-06	2.143	5.76E-04
6005374129735	600537	4129735	2.30E-06	2.297	6.17E-04
6005474129735	600547	4129735	2.45E-06	2.453	6.59E-04
6005574129735	600557	4129735	2.60E-06	2.605	7.00E-04
6005674129735	600567	4129735	2.75E-06	2.752	7.39E-04
6005774129735	600577	4129735	2.89E-06	2.890	7.76E-04
6005874129735	600587	4129735	3.02E-06	3.020	8.11E-04
6005974129735	600597	4129735	3.14E-06	3.139	8.43E-04
6006074129735	600607	4129735	3.24E-06	3.244	8.72E-04
6006174129735	600617	4129735	3.34E-06	3.337	8.97E-04
6006274129735	600627	4129735	3.41E-06	3.415	9.18E-04
6006374129735	600637	4129735	3.48E-06	3.475	9.34E-04

6006474129735	600647	4129735	3.53E-06	3.528	9.48E-04
6006574129735	600657	4129735	3.57E-06	3.574	9.60E-04
6006674129735	600667	4129735	3.61E-06	3.609	9.70E-04
6006774129735	600677	4129735	3.63E-06	3.632	9.76E-04
6006874129735	600687	4129735	3.65E-06	3.647	9.80E-04
6006974129735	600697	4129735	3.65E-06	3.655	9.82E-04
6007074129735	600707	4129735	3.66E-06	3.657	9.83E-04
6007174129735	600717	4129735	3.65E-06	3.654	9.82E-04
6007274129735	600727	4129735	3.65E-06	3.648	9.80E-04
6007374129735	600737	4129735	3.64E-06	3.638	9.78E-04
6007474129735	600747	4129735	3.62E-06	3.625	9.74E-04
6007574129735	600757	4129735	3.61E-06	3.608	9.69E-04
6007674129735	600767	4129735	3.59E-06	3.588	9.64E-04
6007774129735	600777	4129735	3.57E-06	3.565	9.58E-04
6007874129735	600787	4129735	3.54E-06	3.540	9.51E-04
6007974129735	600797	4129735	3.51E-06	3.512	9.44E-04
6008074129735	600807	4129735	3.48E-06	3.482	9.36E-04
6008174129735	600817	4129735	3.45E-06	3.449	9.27E-04
6008274129735	600827	4129735	3.41E-06	3.415	9.18E-04
6008374129735	600837	4129735	3.38E-06	3.378	9.08E-04
6002474129745	600247	4129745	4.89E-07	0.489	1.31E-04
6002574129745	600257	4129745	4.99E-07	0.499	1.34E-04
6002674129745	600267	4129745	5.09E-07	0.509	1.37E-04
6002774129745	600277	4129745	5.20E-07	0.520	1.40E-04
6002874129745	600287	4129745	5.32E-07	0.532	1.43E-04
6002974129745	600297	4129745	5.45E-07	0.545	1.46E-04
6003074129745	600307	4129745	5.59E-07	0.559	1.50E-04
6003174129745	600317	4129745	5.76E-07	0.576	1.55E-04
6003274129745	600327	4129745	5.94E-07	0.594	1.60E-04
6003374129745	600337	4129745	6.14E-07	0.614	1.65E-04
6003474129745	600347	4129745	6.37E-07	0.637	1.71E-04
6003574129745	600357	4129745	6.64E-07	0.664	1.78E-04
6003674129745	600367	4129745	6.95E-07	0.695	1.87E-04
6003774129745	600377	4129745	7.30E-07	0.730	1.96E-04
6003874129745	600387	4129745	7.71E-07	0.771	2.07E-04
6003974129745	600397	4129745	8.18E-07	0.818	2.20E-04
6004074129745	600407	4129745	8.72E-07	0.872	2.34E-04
6004174129745	600417	4129745	9.34E-07	0.934	2.51E-04
6004274129745	600427	4129745	1.01E-06	1.005	2.70E-04
6004374129745	600437	4129745	1.09E-06	1.086	2.92E-04
6004474129745	600447	4129745	1.18E-06	1.176	3.16E-04
6004574129745	600457	4129745	1.28E-06	1.279	3.44E-04
6004674129745	600467	4129745	1.39E-06	1.395	3.75E-04
6004774129745	600477	4129745	1.52E-06	1.519	4.08E-04
6004874129745	600487	4129745	1.66E-06	1.656	4.45E-04
6004974129745	600497	4129745	1.80E-06	1.805	4.85E-04
6005074129745	600507	4129745	1.96E-06	1.963	5.28E-04
6005174129745	600517	4129745	2.13E-06	2.129	5.72E-04
6005274129745	600527	4129745	2.30E-06	2.300	6.18E-04
6005374129745	600537	4129745	2.47E-06	2.473	6.64E-04
6005474129745	600547	4129745	2.64E-06	2.645	7.11E-04
6005574129745	600557	4129745	2.81E-06	2.813	7.56E-04
6005674129745	600567	4129745	2.98E-06	2.975	8.00E-04
6005774129745	600577	4129745	3.13E-06	3.128	8.40E-04
6005874129745	600587	4129745	3.27E-06	3.270	8.79E-04

6005974129745	600597	4129745	3.40E-06	3.397	9.13E-04
6006074129745	600607	4129745	3.51E-06	3.510	9.43E-04
6006174129745	600617	4129745	3.61E-06	3.606	9.69E-04
6006274129745	600627	4129745	3.68E-06	3.684	9.90E-04
6006374129745	600637	4129745	3.75E-06	3.748	1.01E-03
6006474129745	600647	4129745	3.80E-06	3.805	1.02E-03
6006574129745	600657	4129745	3.85E-06	3.849	1.03E-03
6006674129745	600667	4129745	3.88E-06	3.882	1.04E-03
6006774129745	600677	4129745	3.90E-06	3.903	1.05E-03
6006874129745	600687	4129745	3.91E-06	3.915	1.05E-03
6006974129745	600697	4129745	3.92E-06	3.920	1.05E-03
6007074129745	600707	4129745	3.92E-06	3.919	1.05E-03
6007174129745	600717	4129745	3.91E-06	3.913	1.05E-03
6007274129745	600727	4129745	3.90E-06	3.902	1.05E-03
6007374129745	600737	4129745	3.89E-06	3.887	1.04E-03
6007474129745	600747	4129745	3.87E-06	3.869	1.04E-03
6007574129745	600757	4129745	3.85E-06	3.848	1.03E-03
6007674129745	600767	4129745	3.82E-06	3.823	1.03E-03
6007774129745	600777	4129745	3.79E-06	3.794	1.02E-03
6007874129745	600787	4129745	3.76E-06	3.763	1.01E-03
6007974129745	600797	4129745	3.73E-06	3.728	1.00E-03
6008074129745	600807	4129745	3.69E-06	3.691	9.92E-04
6008174129745	600817	4129745	3.65E-06	3.651	9.81E-04
6008274129745	600827	4129745	3.61E-06	3.609	9.70E-04
6008374129745	600837	4129745	3.56E-06	3.564	9.58E-04
6002374129755	600237	4129755	5.03E-07	0.503	1.35E-04
6002474129755	600247	4129755	5.12E-07	0.512	1.38E-04
6002574129755	600257	4129755	5.22E-07	0.522	1.40E-04
6002674129755	600267	4129755	5.32E-07	0.532	1.43E-04
6002774129755	600277	4129755	5.44E-07	0.544	1.46E-04
6002874129755	600287	4129755	5.56E-07	0.556	1.49E-04
6002974129755	600297	4129755	5.69E-07	0.569	1.53E-04
6003074129755	600307	4129755	5.84E-07	0.584	1.57E-04
6003174129755	600317	4129755	6.00E-07	0.600	1.61E-04
6003274129755	600327	4129755	6.19E-07	0.619	1.66E-04
6003374129755	600337	4129755	6.39E-07	0.639	1.72E-04
6003474129755	600347	4129755	6.63E-07	0.663	1.78E-04
6003574129755	600357	4129755	6.90E-07	0.690	1.86E-04
6003674129755	600367	4129755	7.22E-07	0.722	1.94E-04
6003774129755	600377	4129755	7.59E-07	0.759	2.04E-04
6003874129755	600387	4129755	8.02E-07	0.802	2.15E-04
6003974129755	600397	4129755	8.51E-07	0.851	2.29E-04
6004074129755	600407	4129755	9.08E-07	0.908	2.44E-04
6004174129755	600417	4129755	9.73E-07	0.973	2.61E-04
6004274129755	600427	4129755	1.05E-06	1.048	2.82E-04
6004374129755	600437	4129755	1.13E-06	1.134	3.05E-04
6004474129755	600447	4129755	1.23E-06	1.233	3.31E-04
6004574129755	600457	4129755	1.35E-06	1.346	3.62E-04
6004674129755	600467	4129755	1.47E-06	1.470	3.95E-04
6004774129755	600477	4129755	1.61E-06	1.606	4.32E-04
6004874129755	600487	4129755	1.76E-06	1.758	4.72E-04
6004974129755	600497	4129755	1.92E-06	1.924	5.17E-04
6005074129755	600507	4129755	2.10E-06	2.099	5.64E-04
6005174129755	600517	4129755	2.28E-06	2.283	6.14E-04
6005274129755	600527	4129755	2.47E-06	2.474	6.65E-04

6005374129755	600537	4129755	2.67E-06	2.668	7.17E-04
6005474129755	600547	4129755	2.86E-06	2.861	7.69E-04
6005574129755	600557	4129755	3.05E-06	3.048	8.19E-04
6005674129755	600567	4129755	3.23E-06	3.226	8.67E-04
6005774129755	600577	4129755	3.40E-06	3.398	9.13E-04
6005874129755	600587	4129755	3.55E-06	3.553	9.55E-04
6005974129755	600597	4129755	3.69E-06	3.689	9.91E-04
6006074129755	600607	4129755	3.81E-06	3.809	1.02E-03
6006174129755	600617	4129755	3.91E-06	3.907	1.05E-03
6006274129755	600627	4129755	3.99E-06	3.988	1.07E-03
6006374129755	600637	4129755	4.06E-06	4.058	1.09E-03
6006474129755	600647	4129755	4.11E-06	4.113	1.11E-03
6006574129755	600657	4129755	4.16E-06	4.157	1.12E-03
6006674129755	600667	4129755	4.19E-06	4.186	1.12E-03
6006774129755	600677	4129755	4.20E-06	4.204	1.13E-03
6006874129755	600687	4129755	4.21E-06	4.213	1.13E-03
6006974129755	600697	4129755	4.22E-06	4.215	1.13E-03
6007074129755	600707	4129755	4.21E-06	4.210	1.13E-03
6007174129755	600717	4129755	4.20E-06	4.199	1.13E-03
6007274129755	600727	4129755	4.18E-06	4.184	1.12E-03
6007374129755	600737	4129755	4.16E-06	4.163	1.12E-03
6007474129755	600747	4129755	4.14E-06	4.139	1.11E-03
6007574129755	600757	4129755	4.11E-06	4.111	1.10E-03
6007674129755	600767	4129755	4.08E-06	4.078	1.10E-03
6007774129755	600777	4129755	4.04E-06	4.043	1.09E-03
6007874129755	600787	4129755	4.00E-06	4.003	1.08E-03
6007974129755	600797	4129755	3.96E-06	3.960	1.06E-03
6008074129755	600807	4129755	3.91E-06	3.914	1.05E-03
6008174129755	600817	4129755	3.87E-06	3.866	1.04E-03
6008274129755	600827	4129755	3.81E-06	3.814	1.02E-03
6008374129755	600837	4129755	3.76E-06	3.760	1.01E-03
6008474129755	600847	4129755	3.70E-06	3.704	9.95E-04
6002274129765	600227	4129765	5.18E-07	0.518	1.39E-04
6002374129765	600237	4129765	5.27E-07	0.527	1.42E-04
6002474129765	600247	4129765	5.37E-07	0.537	1.44E-04
6002574129765	600257	4129765	5.48E-07	0.548	1.47E-04
6002674129765	600267	4129765	5.58E-07	0.558	1.50E-04
6002774129765	600277	4129765	5.70E-07	0.570	1.53E-04
6002874129765	600287	4129765	5.83E-07	0.583	1.57E-04
6002974129765	600297	4129765	5.96E-07	0.596	1.60E-04
6003074129765	600307	4129765	6.11E-07	0.611	1.64E-04
6003174129765	600317	4129765	6.28E-07	0.628	1.69E-04
6003274129765	600327	4129765	6.47E-07	0.647	1.74E-04
6003374129765	600337	4129765	6.68E-07	0.668	1.79E-04
6003474129765	600347	4129765	6.92E-07	0.692	1.86E-04
6003574129765	600357	4129765	7.20E-07	0.720	1.93E-04
6003674129765	600367	4129765	7.52E-07	0.752	2.02E-04
6003774129765	600377	4129765	7.90E-07	0.790	2.12E-04
6003874129765	600387	4129765	8.34E-07	0.834	2.24E-04
6003974129765	600397	4129765	8.85E-07	0.885	2.38E-04
6004074129765	600407	4129765	9.45E-07	0.945	2.54E-04
6004174129765	600417	4129765	1.01E-06	1.014	2.72E-04
6004274129765	600427	4129765	1.09E-06	1.094	2.94E-04
6004374129765	600437	4129765	1.19E-06	1.187	3.19E-04
6004474129765	600447	4129765	1.30E-06	1.295	3.48E-04

6004574129765	600457	4129765	1.42E-06	1.417	3.81E-04
6004674129765	600467	4129765	1.55E-06	1.552	4.17E-04
6004774129765	600477	4129765	1.70E-06	1.703	4.58E-04
6004874129765	600487	4129765	1.87E-06	1.871	5.03E-04
6004974129765	600497	4129765	2.05E-06	2.055	5.52E-04
6005074129765	600507	4129765	2.25E-06	2.250	6.05E-04
6005174129765	600517	4129765	2.45E-06	2.454	6.59E-04
6005274129765	600527	4129765	2.67E-06	2.669	7.17E-04
6005374129765	600537	4129765	2.89E-06	2.887	7.76E-04
6005474129765	600547	4129765	3.10E-06	3.103	8.34E-04
6005574129765	600557	4129765	3.31E-06	3.313	8.90E-04
6005674129765	600567	4129765	3.51E-06	3.513	9.44E-04
6005774129765	600577	4129765	3.70E-06	3.702	9.95E-04
6005874129765	600587	4129765	3.87E-06	3.874	1.04E-03
6005974129765	600597	4129765	4.02E-06	4.020	1.08E-03
6006074129765	600607	4129765	4.15E-06	4.145	1.11E-03
6006174129765	600617	4129765	4.24E-06	4.245	1.14E-03
6006274129765	600627	4129765	4.33E-06	4.334	1.16E-03
6006374129765	600637	4129765	4.41E-06	4.405	1.18E-03
6006474129765	600647	4129765	4.46E-06	4.459	1.20E-03
6006574129765	600657	4129765	4.50E-06	4.500	1.21E-03
6006674129765	600667	4129765	4.53E-06	4.526	1.22E-03
6006774129765	600677	4129765	4.54E-06	4.541	1.22E-03
6006874129765	600687	4129765	4.55E-06	4.547	1.22E-03
6006974129765	600697	4129765	4.55E-06	4.545	1.22E-03
6007074129765	600707	4129765	4.54E-06	4.535	1.22E-03
6007174129765	600717	4129765	4.52E-06	4.518	1.21E-03
6007274129765	600727	4129765	4.50E-06	4.495	1.21E-03
6007374129765	600737	4129765	4.47E-06	4.468	1.20E-03
6007474129765	600747	4129765	4.43E-06	4.435	1.19E-03
6007574129765	600757	4129765	4.40E-06	4.398	1.18E-03
6007674129765	600767	4129765	4.36E-06	4.357	1.17E-03
6007774129765	600777	4129765	4.31E-06	4.311	1.16E-03
6007874129765	600787	4129765	4.26E-06	4.262	1.15E-03
6007974129765	600797	4129765	4.21E-06	4.208	1.13E-03
6008074129765	600807	4129765	4.15E-06	4.151	1.12E-03
6008174129765	600817	4129765	4.09E-06	4.092	1.10E-03
6008274129765	600827	4129765	4.03E-06	4.029	1.08E-03
6008374129765	600837	4129765	3.96E-06	3.964	1.07E-03
6008474129765	600847	4129765	3.90E-06	3.897	1.05E-03
6008574129765	600857	4129765	3.83E-06	3.828	1.03E-03
6002274129775	600227	4129775	5.44E-07	0.544	1.46E-04
6002374129775	600237	4129775	5.54E-07	0.554	1.49E-04
6002474129775	600247	4129775	5.65E-07	0.565	1.52E-04
6002574129775	600257	4129775	5.76E-07	0.576	1.55E-04
6002674129775	600267	4129775	5.87E-07	0.587	1.58E-04
6002774129775	600277	4129775	5.99E-07	0.599	1.61E-04
6002874129775	600287	4129775	6.12E-07	0.612	1.64E-04
6002974129775	600297	4129775	6.26E-07	0.626	1.68E-04
6003074129775	600307	4129775	6.41E-07	0.641	1.72E-04
6003174129775	600317	4129775	6.58E-07	0.658	1.77E-04
6003274129775	600327	4129775	6.77E-07	0.677	1.82E-04
6003374129775	600337	4129775	6.98E-07	0.698	1.88E-04
6003474129775	600347	4129775	7.23E-07	0.723	1.94E-04
6003574129775	600357	4129775	7.51E-07	0.751	2.02E-04

6003674129775	600367	4129775	7.84E-07	0.784	2.11E-04
6003774129775	600377	4129775	8.23E-07	0.823	2.21E-04
6003874129775	600387	4129775	8.69E-07	0.869	2.33E-04
6003974129775	600397	4129775	9.22E-07	0.922	2.48E-04
6004074129775	600407	4129775	9.84E-07	0.984	2.64E-04
6004174129775	600417	4129775	1.06E-06	1.057	2.84E-04
6004274129775	600427	4129775	1.14E-06	1.143	3.07E-04
6004374129775	600437	4129775	1.25E-06	1.245	3.35E-04
6004474129775	600447	4129775	1.36E-06	1.362	3.66E-04
6004574129775	600457	4129775	1.49E-06	1.493	4.01E-04
6004674129775	600467	4129775	1.64E-06	1.642	4.41E-04
6004774129775	600477	4129775	1.81E-06	1.809	4.86E-04
6004874129775	600487	4129775	2.00E-06	1.997	5.37E-04
6004974129775	600497	4129775	2.20E-06	2.200	5.91E-04
6005074129775	600507	4129775	2.42E-06	2.418	6.50E-04
6005174129775	600517	4129775	2.65E-06	2.649	7.12E-04
6005274129775	600527	4129775	2.89E-06	2.889	7.76E-04
6005374129775	600537	4129775	3.13E-06	3.135	8.42E-04
6005474129775	600547	4129775	3.38E-06	3.379	9.08E-04
6005574129775	600557	4129775	3.62E-06	3.615	9.71E-04
6005674129775	600567	4129775	3.84E-06	3.839	1.03E-03
6005774129775	600577	4129775	4.05E-06	4.046	1.09E-03
6005874129775	600587	4129775	4.24E-06	4.235	1.14E-03
6005974129775	600597	4129775	4.40E-06	4.396	1.18E-03
6006074129775	600607	4129775	4.52E-06	4.524	1.22E-03
6006174129775	600617	4129775	4.63E-06	4.633	1.25E-03
6006274129775	600627	4129775	4.73E-06	4.729	1.27E-03
6006374129775	600637	4129775	4.80E-06	4.799	1.29E-03
6006474129775	600647	4129775	4.85E-06	4.851	1.30E-03
6006574129775	600657	4129775	4.89E-06	4.888	1.31E-03
6006674129775	600667	4129775	4.91E-06	4.910	1.32E-03
6006774129775	600677	4129775	4.92E-06	4.922	1.32E-03
6006874129775	600687	4129775	4.92E-06	4.924	1.32E-03
6006974129775	600697	4129775	4.92E-06	4.916	1.32E-03
6007074129775	600707	4129775	4.90E-06	4.898	1.32E-03
6007174129775	600717	4129775	4.87E-06	4.873	1.31E-03
6007274129775	600727	4129775	4.84E-06	4.842	1.30E-03
6007374129775	600737	4129775	4.80E-06	4.804	1.29E-03
6007474129775	600747	4129775	4.76E-06	4.761	1.28E-03
6007574129775	600757	4129775	4.71E-06	4.712	1.27E-03
6007674129775	600767	4129775	4.66E-06	4.658	1.25E-03
6007774129775	600777	4129775	4.60E-06	4.601	1.24E-03
6007874129775	600787	4129775	4.54E-06	4.539	1.22E-03
6007974129775	600797	4129775	4.47E-06	4.472	1.20E-03
6008074129775	600807	4129775	4.40E-06	4.402	1.18E-03
6008174129775	600817	4129775	4.33E-06	4.329	1.16E-03
6008274129775	600827	4129775	4.25E-06	4.253	1.14E-03
6008374129775	600837	4129775	4.17E-06	4.175	1.12E-03
6008474129775	600847	4129775	4.09E-06	4.095	1.10E-03
6008574129775	600857	4129775	4.01E-06	4.013	1.08E-03
6002174129785	600217	4129785	5.62E-07	0.562	1.51E-04
6002274129785	600227	4129785	5.73E-07	0.573	1.54E-04
6002374129785	600237	4129785	5.84E-07	0.584	1.57E-04
6002474129785	600247	4129785	5.95E-07	0.595	1.60E-04
6002574129785	600257	4129785	6.06E-07	0.606	1.63E-04



6002674129785	600267	4129785	6.19E-07	0.619	1.66E-04
6002774129785	600277	4129785	6.31E-07	0.631	1.70E-04
6002874129785	600287	4129785	6.44E-07	0.644	1.73E-04
6002974129785	600297	4129785	6.59E-07	0.659	1.77E-04
6003074129785	600307	4129785	6.75E-07	0.675	1.81E-04
6003174129785	600317	4129785	6.92E-07	0.692	1.86E-04
6003274129785	600327	4129785	7.11E-07	0.711	1.91E-04
6003374129785	600337	4129785	7.33E-07	0.733	1.97E-04
6003474129785	600347	4129785	7.58E-07	0.758	2.04E-04
6003574129785	600357	4129785	7.87E-07	0.787	2.11E-04
6003674129785	600367	4129785	8.21E-07	0.821	2.21E-04
6003774129785	600377	4129785	8.61E-07	0.861	2.31E-04
6003874129785	600387	4129785	9.08E-07	0.908	2.44E-04
6003974129785	600397	4129785	9.62E-07	0.962	2.59E-04
6004074129785	600407	4129785	1.03E-06	1.028	2.76E-04
6004174129785	600417	4129785	1.11E-06	1.105	2.97E-04
6004274129785	600427	4129785	1.20E-06	1.199	3.22E-04
6004374129785	600437	4129785	1.31E-06	1.308	3.51E-04
6004474129785	600447	4129785	1.43E-06	1.432	3.85E-04
6004574129785	600457	4129785	1.58E-06	1.575	4.23E-04
6004674129785	600467	4129785	1.74E-06	1.739	4.67E-04
6004774129785	600477	4129785	1.93E-06	1.926	5.18E-04
6004874129785	600487	4129785	2.13E-06	2.133	5.73E-04
6004974129785	600497	4129785	2.36E-06	2.362	6.35E-04
6005074129785	600507	4129785	2.61E-06	2.608	7.01E-04
6005174129785	600517	4129785	2.87E-06	2.868	7.71E-04
6005274129785	600527	4129785	3.14E-06	3.140	8.44E-04
6005374129785	600537	4129785	3.42E-06	3.418	9.19E-04
6005474129785	600547	4129785	3.69E-06	3.695	9.93E-04
6005574129785	600557	4129785	3.96E-06	3.963	1.06E-03
6005674129785	600567	4129785	4.21E-06	4.213	1.13E-03
6005774129785	600577	4129785	4.44E-06	4.441	1.19E-03
6005874129785	600587	4129785	4.65E-06	4.649	1.25E-03
6005974129785	600597	4129785	4.82E-06	4.822	1.30E-03
6006074129785	600607	4129785	4.96E-06	4.960	1.33E-03
6006174129785	600617	4129785	5.08E-06	5.082	1.37E-03
6006274129785	600627	4129785	5.18E-06	5.178	1.39E-03
6006374129785	600637	4129785	5.25E-06	5.252	1.41E-03
6006474129785	600647	4129785	5.30E-06	5.300	1.42E-03
6006574129785	600657	4129785	5.33E-06	5.329	1.43E-03
6006674129785	600667	4129785	5.35E-06	5.348	1.44E-03
6006774129785	600677	4129785	5.35E-06	5.354	1.44E-03
6006874129785	600687	4129785	5.35E-06	5.348	1.44E-03
6006974129785	600697	4129785	5.33E-06	5.330	1.43E-03
6007074129785	600707	4129785	5.30E-06	5.304	1.43E-03
6007174129785	600717	4129785	5.27E-06	5.269	1.42E-03
6007274129785	600727	4129785	5.23E-06	5.225	1.40E-03
6007374129785	600737	4129785	5.18E-06	5.175	1.39E-03
6007474129785	600747	4129785	5.12E-06	5.118	1.38E-03
6007574129785	600757	4129785	5.05E-06	5.054	1.36E-03
6007674129785	600767	4129785	4.98E-06	4.984	1.34E-03
6007774129785	600777	4129785	4.91E-06	4.910	1.32E-03
6007874129785	600787	4129785	4.83E-06	4.832	1.30E-03
6007974129785	600797	4129785	4.75E-06	4.750	1.28E-03
6008074129785	600807	4129785	4.66E-06	4.664	1.25E-03

6008174129785	600817	4129785	4.57E-06	4.575	1.23E-03
6008274129785	600827	4129785	4.48E-06	4.484	1.20E-03
6008374129785	600837	4129785	4.39E-06	4.390	1.18E-03
6008474129785	600847	4129785	4.30E-06	4.296	1.15E-03
6008574129785	600857	4129785	4.20E-06	4.199	1.13E-03
6008674129785	600867	4129785	4.10E-06	4.103	1.10E-03
6002174129795	600217	4129795	5.93E-07	0.593	1.59E-04
6002274129795	600227	4129795	6.05E-07	0.605	1.63E-04
6002374129795	600237	4129795	6.16E-07	0.616	1.66E-04
6002474129795	600247	4129795	6.28E-07	0.628	1.69E-04
6002574129795	600257	4129795	6.40E-07	0.640	1.72E-04
6002674129795	600267	4129795	6.53E-07	0.653	1.76E-04
6002774129795	600277	4129795	6.66E-07	0.666	1.79E-04
6002874129795	600287	4129795	6.81E-07	0.681	1.83E-04
6002974129795	600297	4129795	6.95E-07	0.695	1.87E-04
6003074129795	600307	4129795	7.12E-07	0.712	1.91E-04
6003174129795	600317	4129795	7.30E-07	0.730	1.96E-04
6003274129795	600327	4129795	7.49E-07	0.749	2.01E-04
6003374129795	600337	4129795	7.71E-07	0.771	2.07E-04
6003474129795	600347	4129795	7.96E-07	0.796	2.14E-04
6003574129795	600357	4129795	8.26E-07	0.826	2.22E-04
6003674129795	600367	4129795	8.61E-07	0.861	2.31E-04
6003774129795	600377	4129795	9.02E-07	0.902	2.42E-04
6003874129795	600387	4129795	9.49E-07	0.949	2.55E-04
6003974129795	600397	4129795	1.01E-06	1.007	2.71E-04
6004074129795	600407	4129795	1.08E-06	1.076	2.89E-04
6004174129795	600417	4129795	1.16E-06	1.159	3.11E-04
6004274129795	600427	4129795	1.26E-06	1.259	3.38E-04
6004374129795	600437	4129795	1.37E-06	1.374	3.69E-04
6004474129795	600447	4129795	1.51E-06	1.509	4.05E-04
6004574129795	600457	4129795	1.67E-06	1.666	4.48E-04
6004674129795	600467	4129795	1.85E-06	1.846	4.96E-04
6004774129795	600477	4129795	2.05E-06	2.051	5.51E-04
6004874129795	600487	4129795	2.28E-06	2.283	6.13E-04
6004974129795	600497	4129795	2.54E-06	2.541	6.83E-04
6005074129795	600507	4129795	2.82E-06	2.820	7.58E-04
6005174129795	600517	4129795	3.12E-06	3.118	8.38E-04
6005274129795	600527	4129795	3.43E-06	3.427	9.21E-04
6005374129795	600537	4129795	3.75E-06	3.746	1.01E-03
6005474129795	600547	4129795	4.06E-06	4.062	1.09E-03
6005574129795	600557	4129795	4.37E-06	4.367	1.17E-03
6005674129795	600567	4129795	4.65E-06	4.649	1.25E-03
6005774129795	600577	4129795	4.90E-06	4.901	1.32E-03
6005874129795	600587	4129795	5.13E-06	5.128	1.38E-03
6005974129795	600597	4129795	5.31E-06	5.314	1.43E-03
6006074129795	600607	4129795	5.47E-06	5.472	1.47E-03
6006174129795	600617	4129795	5.60E-06	5.601	1.51E-03
6006274129795	600627	4129795	5.70E-06	5.698	1.53E-03
6006374129795	600637	4129795	5.77E-06	5.769	1.55E-03
6006474129795	600647	4129795	5.82E-06	5.815	1.56E-03
6006574129795	600657	4129795	5.84E-06	5.839	1.57E-03
6006674129795	600667	4129795	5.85E-06	5.848	1.57E-03
6006774129795	600677	4129795	5.84E-06	5.845	1.57E-03
6006874129795	600687	4129795	5.83E-06	5.828	1.57E-03
6006974129795	600697	4129795	5.80E-06	5.799	1.56E-03

6007074129795	600707	4129795	5.76E-06	5.758	1.55E-03
6007174129795	600717	4129795	5.71E-06	5.708	1.53E-03
6007274129795	600727	4129795	5.65E-06	5.650	1.52E-03
6007374129795	600737	4129795	5.58E-06	5.581	1.50E-03
6007474129795	600747	4129795	5.51E-06	5.506	1.48E-03
6007574129795	600757	4129795	5.42E-06	5.423	1.46E-03
6007674129795	600767	4129795	5.33E-06	5.334	1.43E-03
6007774129795	600777	4129795	5.24E-06	5.240	1.41E-03
6007874129795	600787	4129795	5.14E-06	5.141	1.38E-03
6007974129795	600797	4129795	5.04E-06	5.039	1.35E-03
6008074129795	600807	4129795	4.93E-06	4.935	1.33E-03
6008174129795	600817	4129795	4.83E-06	4.828	1.30E-03
6008274129795	600827	4129795	4.72E-06	4.719	1.27E-03
6008374129795	600837	4129795	4.61E-06	4.607	1.24E-03
6008474129795	600847	4129795	4.50E-06	4.497	1.21E-03
6008574129795	600857	4129795	4.38E-06	4.385	1.18E-03
6008674129795	600867	4129795	4.27E-06	4.273	1.15E-03
6008774129795	600877	4129795	4.16E-06	4.163	1.12E-03
6002074129805	600207	4129805	6.14E-07	0.614	1.65E-04
6002174129805	600217	4129805	6.26E-07	0.626	1.68E-04
6002274129805	600227	4129805	6.39E-07	0.639	1.72E-04
6002374129805	600237	4129805	6.52E-07	0.652	1.75E-04
6002474129805	600247	4129805	6.65E-07	0.665	1.79E-04
6002574129805	600257	4129805	6.78E-07	0.678	1.82E-04
6002674129805	600267	4129805	6.91E-07	0.691	1.86E-04
6002774129805	600277	4129805	7.06E-07	0.706	1.90E-04
6002874129805	600287	4129805	7.21E-07	0.721	1.94E-04
6002974129805	600297	4129805	7.36E-07	0.736	1.98E-04
6003074129805	600307	4129805	7.53E-07	0.753	2.02E-04
6003174129805	600317	4129805	7.71E-07	0.771	2.07E-04
6003274129805	600327	4129805	7.92E-07	0.792	2.13E-04
6003374129805	600337	4129805	8.14E-07	0.814	2.19E-04
6003474129805	600347	4129805	8.40E-07	0.840	2.26E-04
6003574129805	600357	4129805	8.70E-07	0.870	2.34E-04
6003674129805	600367	4129805	9.06E-07	0.906	2.43E-04
6003774129805	600377	4129805	9.46E-07	0.946	2.54E-04
6003874129805	600387	4129805	9.96E-07	0.996	2.68E-04
6003974129805	600397	4129805	1.06E-06	1.056	2.84E-04
6004074129805	600407	4129805	1.13E-06	1.129	3.03E-04
6004174129805	600417	4129805	1.22E-06	1.218	3.27E-04
6004274129805	600427	4129805	1.32E-06	1.322	3.55E-04
6004374129805	600437	4129805	1.45E-06	1.447	3.89E-04
6004474129805	600447	4129805	1.59E-06	1.594	4.28E-04
6004574129805	600457	4129805	1.77E-06	1.766	4.74E-04
6004674129805	600467	4129805	1.96E-06	1.963	5.28E-04
6004774129805	600477	4129805	2.19E-06	2.189	5.88E-04
6004874129805	600487	4129805	2.45E-06	2.449	6.58E-04
6004974129805	600497	4129805	2.74E-06	2.741	7.36E-04
6005074129805	600507	4129805	3.06E-06	3.060	8.22E-04
6005174129805	600517	4129805	3.40E-06	3.401	9.14E-04
6005274129805	600527	4129805	3.76E-06	3.760	1.01E-03
6005374129805	600537	4129805	4.13E-06	4.129	1.11E-03
6005474129805	600547	4129805	4.49E-06	4.491	1.21E-03
6005574129805	600557	4129805	4.84E-06	4.837	1.30E-03
6005674129805	600567	4129805	5.16E-06	5.158	1.39E-03

6005774129805	600577	4129805	5.44E-06	5.442	1.46E-03
6005874129805	600587	4129805	5.69E-06	5.690	1.53E-03
6005974129805	600597	4129805	5.90E-06	5.899	1.59E-03
6006074129805	600607	4129805	6.07E-06	6.069	1.63E-03
6006174129805	600617	4129805	6.20E-06	6.201	1.67E-03
6006274129805	600627	4129805	6.30E-06	6.303	1.69E-03
6006374129805	600637	4129805	6.37E-06	6.369	1.71E-03
6006474129805	600647	4129805	6.41E-06	6.409	1.72E-03
6006574129805	600657	4129805	6.43E-06	6.426	1.73E-03
6006674129805	600667	4129805	6.42E-06	6.424	1.73E-03
6006774129805	600677	4129805	6.41E-06	6.406	1.72E-03
6006874129805	600687	4129805	6.37E-06	6.373	1.71E-03
6006974129805	600697	4129805	6.33E-06	6.326	1.70E-03
6007074129805	600707	4129805	6.27E-06	6.266	1.68E-03
6007174129805	600717	4129805	6.20E-06	6.196	1.67E-03
6007274129805	600727	4129805	6.11E-06	6.114	1.64E-03
6007374129805	600737	4129805	6.02E-06	6.024	1.62E-03
6007474129805	600747	4129805	5.92E-06	5.925	1.59E-03
6007574129805	600757	4129805	5.82E-06	5.819	1.56E-03
6007674129805	600767	4129805	5.71E-06	5.706	1.53E-03
6007774129805	600777	4129805	5.59E-06	5.589	1.50E-03
6007874129805	600787	4129805	5.47E-06	5.465	1.47E-03
6007974129805	600797	4129805	5.34E-06	5.338	1.43E-03
6008074129805	600807	4129805	5.21E-06	5.212	1.40E-03
6008174129805	600817	4129805	5.09E-06	5.085	1.37E-03
6008274129805	600827	4129805	4.96E-06	4.956	1.33E-03
6008374129805	600837	4129805	4.82E-06	4.825	1.30E-03
6008474129805	600847	4129805	4.69E-06	4.694	1.26E-03
6008574129805	600857	4129805	4.57E-06	4.566	1.23E-03
6008674129805	600867	4129805	4.44E-06	4.438	1.19E-03
6008774129805	600877	4129805	4.31E-06	4.312	1.16E-03
6002074129815	600207	4129815	6.50E-07	0.650	1.75E-04
6002174129815	600217	4129815	6.63E-07	0.663	1.78E-04
6002274129815	600227	4129815	6.77E-07	0.677	1.82E-04
6002374129815	600237	4129815	6.91E-07	0.691	1.86E-04
6002474129815	600247	4129815	7.05E-07	0.705	1.89E-04
6002574129815	600257	4129815	7.19E-07	0.719	1.93E-04
6002674129815	600267	4129815	7.34E-07	0.734	1.97E-04
6002774129815	600277	4129815	7.50E-07	0.750	2.01E-04
6002874129815	600287	4129815	7.65E-07	0.765	2.06E-04
6002974129815	600297	4129815	7.82E-07	0.782	2.10E-04
6003074129815	600307	4129815	7.99E-07	0.799	2.15E-04
6003174129815	600317	4129815	8.18E-07	0.818	2.20E-04
6003274129815	600327	4129815	8.39E-07	0.839	2.26E-04
6003374129815	600337	4129815	8.63E-07	0.863	2.32E-04
6003474129815	600347	4129815	8.90E-07	0.890	2.39E-04
6003574129815	600357	4129815	9.20E-07	0.920	2.47E-04
6003674129815	600367	4129815	9.56E-07	0.956	2.57E-04
6003774129815	600377	4129815	9.98E-07	0.998	2.68E-04
6003874129815	600387	4129815	1.05E-06	1.048	2.82E-04
6003974129815	600397	4129815	1.11E-06	1.112	2.99E-04
6004074129815	600407	4129815	1.19E-06	1.189	3.20E-04
6004174129815	600417	4129815	1.28E-06	1.282	3.44E-04
6004274129815	600427	4129815	1.39E-06	1.393	3.74E-04
6004374129815	600437	4129815	1.53E-06	1.527	4.10E-04

6004474129815	600447	4129815	1.69E-06	1.686	4.53E-04
6004574129815	600457	4129815	1.87E-06	1.874	5.04E-04
6004674129815	600467	4129815	2.09E-06	2.091	5.62E-04
6004774129815	600477	4129815	2.34E-06	2.345	6.30E-04
6004874129815	600487	4129815	2.64E-06	2.635	7.08E-04
6004974129815	600497	4129815	2.97E-06	2.966	7.97E-04
6005074129815	600507	4129815	3.33E-06	3.333	8.96E-04
6005174129815	600517	4129815	3.73E-06	3.729	1.00E-03
6005274129815	600527	4129815	4.15E-06	4.145	1.11E-03
6005374129815	600537	4129815	4.57E-06	4.572	1.23E-03
6005474129815	600547	4129815	4.99E-06	4.993	1.34E-03
6005574129815	600557	4129815	5.39E-06	5.394	1.45E-03
6005674129815	600567	4129815	5.76E-06	5.763	1.55E-03
6005774129815	600577	4129815	6.08E-06	6.085	1.64E-03
6005874129815	600587	4129815	6.36E-06	6.361	1.71E-03
6005974129815	600597	4129815	6.59E-06	6.593	1.77E-03
6006074129815	600607	4129815	6.78E-06	6.776	1.82E-03
6006174129815	600617	4129815	6.92E-06	6.916	1.86E-03
6006274129815	600627	4129815	7.02E-06	7.015	1.89E-03
6006374129815	600637	4129815	7.07E-06	7.071	1.90E-03
6006474129815	600647	4129815	7.10E-06	7.100	1.91E-03
6006574129815	600657	4129815	7.11E-06	7.107	1.91E-03
6006674129815	600667	4129815	7.09E-06	7.088	1.90E-03
6006774129815	600677	4129815	7.05E-06	7.047	1.89E-03
6006874129815	600687	4129815	6.99E-06	6.991	1.88E-03
6006974129815	600697	4129815	6.92E-06	6.919	1.86E-03
6007074129815	600707	4129815	6.83E-06	6.833	1.84E-03
6007174129815	600717	4129815	6.73E-06	6.733	1.81E-03
6007274129815	600727	4129815	6.62E-06	6.623	1.78E-03
6007374129815	600737	4129815	6.50E-06	6.502	1.75E-03
6007474129815	600747	4129815	6.37E-06	6.374	1.71E-03
6007574129815	600757	4129815	6.24E-06	6.237	1.68E-03
6007674129815	600767	4129815	6.10E-06	6.097	1.64E-03
6007774129815	600777	4129815	5.95E-06	5.950	1.60E-03
6007874129815	600787	4129815	5.80E-06	5.801	1.56E-03
6007974129815	600797	4129815	5.65E-06	5.646	1.52E-03
6008074129815	600807	4129815	5.49E-06	5.493	1.48E-03
6008174129815	600817	4129815	5.34E-06	5.341	1.44E-03
6008274129815	600827	4129815	5.19E-06	5.189	1.39E-03
6008374129815	600837	4129815	5.04E-06	5.038	1.35E-03
6008474129815	600847	4129815	4.89E-06	4.886	1.31E-03
6008574129815	600857	4129815	4.74E-06	4.739	1.27E-03
6008674129815	600867	4129815	4.59E-06	4.594	1.23E-03
6008774129815	600877	4129815	4.45E-06	4.452	1.20E-03
6008874129815	600887	4129815	4.31E-06	4.314	1.16E-03
6001974129825	600197	4129825	6.74E-07	0.674	1.81E-04
6002074129825	600207	4129825	6.89E-07	0.689	1.85E-04
6002174129825	600217	4129825	7.04E-07	0.704	1.89E-04
6002274129825	600227	4129825	7.19E-07	0.719	1.93E-04
6002374129825	600237	4129825	7.34E-07	0.734	1.97E-04
6002474129825	600247	4129825	7.50E-07	0.750	2.02E-04
6002574129825	600257	4129825	7.66E-07	0.766	2.06E-04
6002674129825	600267	4129825	7.82E-07	0.782	2.10E-04
6002774129825	600277	4129825	7.99E-07	0.799	2.15E-04
6002874129825	600287	4129825	8.15E-07	0.815	2.19E-04

6002974129825	600297	4129825	8.33E-07	0.833	2.24E-04
6003074129825	600307	4129825	8.51E-07	0.851	2.29E-04
6003174129825	600317	4129825	8.71E-07	0.871	2.34E-04
6003274129825	600327	4129825	8.93E-07	0.893	2.40E-04
6003374129825	600337	4129825	9.18E-07	0.918	2.47E-04
6003474129825	600347	4129825	9.45E-07	0.945	2.54E-04
6003574129825	600357	4129825	9.76E-07	0.976	2.62E-04
6003674129825	600367	4129825	1.01E-06	1.013	2.72E-04
6003774129825	600377	4129825	1.06E-06	1.056	2.84E-04
6003874129825	600387	4129825	1.11E-06	1.109	2.98E-04
6003974129825	600397	4129825	1.18E-06	1.176	3.16E-04
6004074129825	600407	4129825	1.26E-06	1.255	3.37E-04
6004174129825	600417	4129825	1.35E-06	1.352	3.63E-04
6004274129825	600427	4129825	1.47E-06	1.470	3.95E-04
6004374129825	600437	4129825	1.61E-06	1.614	4.34E-04
6004474129825	600447	4129825	1.79E-06	1.787	4.80E-04
6004574129825	600457	4129825	1.99E-06	1.992	5.35E-04
6004674129825	600467	4129825	2.23E-06	2.233	6.00E-04
6004774129825	600477	4129825	2.52E-06	2.518	6.77E-04
6004874129825	600487	4129825	2.85E-06	2.846	7.65E-04
6004974129825	600497	4129825	3.22E-06	3.222	8.66E-04
6005074129825	600507	4129825	3.65E-06	3.647	9.80E-04
6005174129825	600517	4129825	4.11E-06	4.107	1.10E-03
6005274129825	600527	4129825	4.59E-06	4.594	1.23E-03
6005374129825	600537	4129825	5.09E-06	5.092	1.37E-03
6005474129825	600547	4129825	5.59E-06	5.587	1.50E-03
6005574129825	600557	4129825	6.06E-06	6.061	1.63E-03
6005674129825	600567	4129825	6.49E-06	6.486	1.74E-03
6005774129825	600577	4129825	6.85E-06	6.855	1.84E-03
6005874129825	600587	4129825	7.17E-06	7.167	1.93E-03
6005974129825	600597	4129825	7.42E-06	7.423	1.99E-03
6006074129825	600607	4129825	7.62E-06	7.624	2.05E-03
6006174129825	600617	4129825	7.77E-06	7.766	2.09E-03
6006274129825	600627	4129825	7.85E-06	7.854	2.11E-03
6006374129825	600637	4129825	7.90E-06	7.901	2.12E-03
6006474129825	600647	4129825	7.91E-06	7.913	2.13E-03
6006574129825	600657	4129825	7.89E-06	7.895	2.12E-03
6006674129825	600667	4129825	7.85E-06	7.850	2.11E-03
6006774129825	600677	4129825	7.78E-06	7.780	2.09E-03
6006874129825	600687	4129825	7.69E-06	7.690	2.07E-03
6006974129825	600697	4129825	7.58E-06	7.583	2.04E-03
6007074129825	600707	4129825	7.46E-06	7.459	2.00E-03
6007174129825	600717	4129825	7.32E-06	7.322	1.97E-03
6007274129825	600727	4129825	7.17E-06	7.173	1.93E-03
6007374129825	600737	4129825	7.01E-06	7.014	1.88E-03
6007474129825	600747	4129825	6.85E-06	6.848	1.84E-03
6007574129825	600757	4129825	6.68E-06	6.677	1.79E-03
6007674129825	600767	4129825	6.50E-06	6.500	1.75E-03
6007774129825	600777	4129825	6.32E-06	6.320	1.70E-03
6007874129825	600787	4129825	6.14E-06	6.138	1.65E-03
6007974129825	600797	4129825	5.96E-06	5.956	1.60E-03
6008074129825	600807	4129825	5.77E-06	5.772	1.55E-03
6008174129825	600817	4129825	5.59E-06	5.592	1.50E-03
6008274129825	600827	4129825	5.41E-06	5.414	1.45E-03
6008374129825	600837	4129825	5.24E-06	5.240	1.41E-03

6008474129825	600847	4129825	5.07E-06	5.069	1.36E-03
6008574129825	600857	4129825	4.90E-06	4.901	1.32E-03
6008674129825	600867	4129825	4.74E-06	4.739	1.27E-03
6008774129825	600877	4129825	4.58E-06	4.580	1.23E-03
6008874129825	600887	4129825	4.43E-06	4.427	1.19E-03
6001974129835	600197	4129835	7.15E-07	0.715	1.92E-04
6002074129835	600207	4129835	7.32E-07	0.732	1.97E-04
6002174129835	600217	4129835	7.48E-07	0.748	2.01E-04
6002274129835	600227	4129835	7.65E-07	0.765	2.06E-04
6002374129835	600237	4129835	7.82E-07	0.782	2.10E-04
6002474129835	600247	4129835	7.99E-07	0.799	2.15E-04
6002574129835	600257	4129835	8.17E-07	0.817	2.20E-04
6002674129835	600267	4129835	8.35E-07	0.835	2.24E-04
6002774129835	600277	4129835	8.53E-07	0.853	2.29E-04
6002874129835	600287	4129835	8.71E-07	0.871	2.34E-04
6002974129835	600297	4129835	8.90E-07	0.890	2.39E-04
6003074129835	600307	4129835	9.10E-07	0.910	2.44E-04
6003174129835	600317	4129835	9.31E-07	0.931	2.50E-04
6003274129835	600327	4129835	9.55E-07	0.955	2.57E-04
6003374129835	600337	4129835	9.80E-07	0.980	2.63E-04
6003474129835	600347	4129835	1.01E-06	1.008	2.71E-04
6003574129835	600357	4129835	1.04E-06	1.040	2.79E-04
6003674129835	600367	4129835	1.08E-06	1.078	2.90E-04
6003774129835	600377	4129835	1.12E-06	1.123	3.02E-04
6003874129835	600387	4129835	1.18E-06	1.179	3.17E-04
6003974129835	600397	4129835	1.25E-06	1.248	3.35E-04
6004074129835	600407	4129835	1.33E-06	1.330	3.57E-04
6004174129835	600417	4129835	1.43E-06	1.431	3.85E-04
6004274129835	600427	4129835	1.56E-06	1.557	4.19E-04
6004374129835	600437	4129835	1.71E-06	1.712	4.60E-04
6004474129835	600447	4129835	1.90E-06	1.899	5.10E-04
6004574129835	600457	4129835	2.12E-06	2.124	5.71E-04
6004674129835	600467	4129835	2.39E-06	2.393	6.43E-04
6004774129835	600477	4129835	2.71E-06	2.714	7.29E-04
6004874129835	600487	4129835	3.09E-06	3.085	8.29E-04
6004974129835	600497	4129835	3.52E-06	3.516	9.45E-04
6005074129835	600507	4129835	4.01E-06	4.008	1.08E-03
6005174129835	600517	4129835	4.54E-06	4.544	1.22E-03
6005274129835	600527	4129835	5.11E-06	5.110	1.37E-03
6005374129835	600537	4129835	5.72E-06	5.716	1.54E-03
6005474129835	600547	4129835	6.30E-06	6.305	1.69E-03
6005574129835	600557	4129835	6.87E-06	6.870	1.85E-03
6005674129835	600567	4129835	7.36E-06	7.363	1.98E-03
6005774129835	600577	4129835	7.79E-06	7.789	2.09E-03
6005874129835	600587	4129835	8.15E-06	8.145	2.19E-03
6005974129835	600597	4129835	8.43E-06	8.429	2.27E-03
6006074129835	600607	4129835	8.64E-06	8.638	2.32E-03
6006174129835	600617	4129835	8.78E-06	8.777	2.36E-03
6006274129835	600627	4129835	8.86E-06	8.856	2.38E-03
6006374129835	600637	4129835	8.88E-06	8.882	2.39E-03
6006474129835	600647	4129835	8.87E-06	8.865	2.38E-03
6006574129835	600657	4129835	8.81E-06	8.812	2.37E-03
6006674129835	600667	4129835	8.73E-06	8.727	2.34E-03
6006774129835	600677	4129835	8.61E-06	8.613	2.31E-03
6006874129835	600687	4129835	8.48E-06	8.477	2.28E-03

6006974129835	600697	4129835	8.32E-06	8.320	2.24E-03
6007074129835	600707	4129835	8.15E-06	8.146	2.19E-03
6007174129835	600717	4129835	7.96E-06	7.958	2.14E-03
6007274129835	600727	4129835	7.76E-06	7.761	2.09E-03
6007374129835	600737	4129835	7.56E-06	7.555	2.03E-03
6007474129835	600747	4129835	7.34E-06	7.344	1.97E-03
6007574129835	600757	4129835	7.13E-06	7.129	1.92E-03
6007674129835	600767	4129835	6.91E-06	6.911	1.86E-03
6007774129835	600777	4129835	6.69E-06	6.691	1.80E-03
6007874129835	600787	4129835	6.47E-06	6.473	1.74E-03
6007974129835	600797	4129835	6.26E-06	6.257	1.68E-03
6008074129835	600807	4129835	6.04E-06	6.044	1.62E-03
6008174129835	600817	4129835	5.83E-06	5.833	1.57E-03
6008274129835	600827	4129835	5.63E-06	5.628	1.51E-03
6008374129835	600837	4129835	5.43E-06	5.430	1.46E-03
6008474129835	600847	4129835	5.24E-06	5.236	1.41E-03
6008574129835	600857	4129835	5.05E-06	5.050	1.36E-03
6008674129835	600867	4129835	4.87E-06	4.868	1.31E-03
6008774129835	600877	4129835	4.69E-06	4.694	1.26E-03
6008874129835	600887	4129835	4.53E-06	4.526	1.22E-03
6001874129845	600187	4129845	7.43E-07	0.743	2.00E-04
6001974129845	600197	4129845	7.61E-07	0.761	2.04E-04
6002074129845	600207	4129845	7.80E-07	0.780	2.09E-04
6002174129845	600217	4129845	7.98E-07	0.798	2.14E-04
6002274129845	600227	4129845	8.17E-07	0.817	2.19E-04
6002374129845	600237	4129845	8.35E-07	0.835	2.24E-04
6002474129845	600247	4129845	8.55E-07	0.855	2.30E-04
6002574129845	600257	4129845	8.74E-07	0.874	2.35E-04
6002674129845	600267	4129845	8.94E-07	0.894	2.40E-04
6002774129845	600277	4129845	9.14E-07	0.914	2.46E-04
6002874129845	600287	4129845	9.34E-07	0.934	2.51E-04
6002974129845	600297	4129845	9.55E-07	0.955	2.57E-04
6003074129845	600307	4129845	9.77E-07	0.977	2.62E-04
6003174129845	600317	4129845	1.00E-06	1.000	2.69E-04
6003274129845	600327	4129845	1.02E-06	1.024	2.75E-04
6003374129845	600337	4129845	1.05E-06	1.052	2.83E-04
6003474129845	600347	4129845	1.08E-06	1.081	2.90E-04
6003574129845	600357	4129845	1.11E-06	1.114	2.99E-04
6003674129845	600367	4129845	1.15E-06	1.154	3.10E-04
6003774129845	600377	4129845	1.20E-06	1.202	3.23E-04
6003874129845	600387	4129845	1.26E-06	1.260	3.39E-04
6003974129845	600397	4129845	1.33E-06	1.329	3.57E-04
6004074129845	600407	4129845	1.42E-06	1.415	3.80E-04
6004174129845	600417	4129845	1.52E-06	1.523	4.09E-04
6004274129845	600427	4129845	1.66E-06	1.656	4.45E-04
6004374129845	600437	4129845	1.82E-06	1.822	4.90E-04
6004474129845	600447	4129845	2.03E-06	2.025	5.44E-04
6004574129845	600457	4129845	2.27E-06	2.273	6.11E-04
6004674129845	600467	4129845	2.58E-06	2.575	6.92E-04
6004774129845	600477	4129845	2.94E-06	2.937	7.89E-04
6004874129845	600487	4129845	3.36E-06	3.362	9.03E-04
6004974129845	600497	4129845	3.86E-06	3.858	1.04E-03
6005074129845	600507	4129845	4.43E-06	4.428	1.19E-03
6005174129845	600517	4129845	5.06E-06	5.059	1.36E-03
6005274129845	600527	4129845	5.73E-06	5.733	1.54E-03



6005374129845	600537	4129845	6.47E-06	6.470	1.74E-03
6005474129845	600547	4129845	7.19E-06	7.186	1.93E-03
6005574129845	600557	4129845	7.87E-06	7.867	2.11E-03
6005674129845	600567	4129845	8.46E-06	8.458	2.27E-03
6005774129845	600577	4129845	8.96E-06	8.959	2.41E-03
6005874129845	600587	4129845	9.36E-06	9.361	2.52E-03
6005974129845	600597	4129845	9.67E-06	9.665	2.60E-03
6006074129845	600607	4129845	9.88E-06	9.879	2.65E-03
6006174129845	600617	4129845	1.00E-05	10.006	2.69E-03
6006274129845	600627	4129845	1.01E-05	10.060	2.70E-03
6006374129845	600637	4129845	1.01E-05	10.050	2.70E-03
6006474129845	600647	4129845	9.99E-06	9.986	2.68E-03
6006574129845	600657	4129845	9.88E-06	9.877	2.65E-03
6006674129845	600667	4129845	9.73E-06	9.731	2.61E-03
6006774129845	600677	4129845	9.55E-06	9.554	2.57E-03
6006874129845	600687	4129845	9.35E-06	9.353	2.51E-03
6006974129845	600697	4129845	9.13E-06	9.131	2.45E-03
6007074129845	600707	4129845	8.89E-06	8.891	2.39E-03
6007174129845	600717	4129845	8.64E-06	8.640	2.32E-03
6007274129845	600727	4129845	8.38E-06	8.381	2.25E-03
6007374129845	600737	4129845	8.12E-06	8.120	2.18E-03
6007474129845	600747	4129845	7.85E-06	7.853	2.11E-03
6007574129845	600757	4129845	7.59E-06	7.586	2.04E-03
6007674129845	600767	4129845	7.32E-06	7.319	1.97E-03
6007774129845	600777	4129845	7.06E-06	7.056	1.90E-03
6007874129845	600787	4129845	6.80E-06	6.797	1.83E-03
6007974129845	600797	4129845	6.54E-06	6.545	1.76E-03
6008074129845	600807	4129845	6.30E-06	6.298	1.69E-03
6008174129845	600817	4129845	6.06E-06	6.059	1.63E-03
6008274129845	600827	4129845	5.83E-06	5.825	1.57E-03
6008374129845	600837	4129845	5.60E-06	5.601	1.51E-03
6008474129845	600847	4129845	5.38E-06	5.384	1.45E-03
6008574129845	600857	4129845	5.18E-06	5.178	1.39E-03
6008674129845	600867	4129845	4.98E-06	4.980	1.34E-03
6008774129845	600877	4129845	4.79E-06	4.790	1.29E-03
6008874129845	600887	4129845	4.61E-06	4.607	1.24E-03
6008974129845	600897	4129845	4.43E-06	4.433	1.19E-03
6001874129855	600187	4129855	7.90E-07	0.790	2.12E-04
6001974129855	600197	4129855	8.10E-07	0.810	2.18E-04
6002074129855	600207	4129855	8.32E-07	0.832	2.24E-04
6002174129855	600217	4129855	8.53E-07	0.853	2.29E-04
6002274129855	600227	4129855	8.74E-07	0.874	2.35E-04
6002374129855	600237	4129855	8.95E-07	0.895	2.41E-04
6002474129855	600247	4129855	9.16E-07	0.916	2.46E-04
6002574129855	600257	4129855	9.38E-07	0.938	2.52E-04
6002674129855	600267	4129855	9.61E-07	0.961	2.58E-04
6002774129855	600277	4129855	9.83E-07	0.983	2.64E-04
6002874129855	600287	4129855	1.00E-06	1.005	2.70E-04
6002974129855	600297	4129855	1.03E-06	1.028	2.76E-04
6003074129855	600307	4129855	1.05E-06	1.052	2.83E-04
6003174129855	600317	4129855	1.08E-06	1.078	2.90E-04
6003274129855	600327	4129855	1.10E-06	1.105	2.97E-04
6003374129855	600337	4129855	1.13E-06	1.133	3.05E-04
6003474129855	600347	4129855	1.16E-06	1.165	3.13E-04
6003574129855	600357	4129855	1.20E-06	1.201	3.23E-04

6003674129855	600367	4129855	1.24E-06	1.243	3.34E-04
6003774129855	600377	4129855	1.29E-06	1.294	3.48E-04
6003874129855	600387	4129855	1.35E-06	1.354	3.64E-04
6003974129855	600397	4129855	1.43E-06	1.426	3.83E-04
6004074129855	600407	4129855	1.52E-06	1.515	4.07E-04
6004174129855	600417	4129855	1.63E-06	1.628	4.37E-04
6004274129855	600427	4129855	1.77E-06	1.770	4.76E-04
6004374129855	600437	4129855	1.95E-06	1.948	5.24E-04
6004474129855	600447	4129855	2.17E-06	2.169	5.83E-04
6004574129855	600457	4129855	2.44E-06	2.444	6.57E-04
6004674129855	600467	4129855	2.78E-06	2.783	7.48E-04
6004774129855	600477	4129855	3.19E-06	3.193	8.58E-04
6004874129855	600487	4129855	3.68E-06	3.682	9.89E-04
6004974129855	600497	4129855	4.26E-06	4.258	1.14E-03
6005074129855	600507	4129855	4.92E-06	4.924	1.32E-03
6005174129855	600517	4129855	5.67E-06	5.671	1.52E-03
6005274129855	600527	4129855	6.50E-06	6.496	1.75E-03
6005374129855	600537	4129855	7.39E-06	7.390	1.99E-03
6005474129855	600547	4129855	8.29E-06	8.291	2.23E-03
6005574129855	600557	4129855	9.12E-06	9.123	2.45E-03
6005674129855	600567	4129855	9.87E-06	9.866	2.65E-03
6005774129855	600577	4129855	1.05E-05	10.463	2.81E-03
6005874129855	600587	4129855	1.09E-05	10.905	2.93E-03
6005974129855	600597	4129855	1.12E-05	11.214	3.01E-03
6006074129855	600607	4129855	1.14E-05	11.418	3.07E-03
6006174129855	600617	4129855	1.15E-05	11.516	3.09E-03
6006274129855	600627	4129855	1.15E-05	11.517	3.09E-03
6006374129855	600637	4129855	1.14E-05	11.441	3.07E-03
6006474129855	600647	4129855	1.13E-05	11.298	3.04E-03
6006574129855	600657	4129855	1.11E-05	11.104	2.98E-03
6006674129855	600667	4129855	1.09E-05	10.871	2.92E-03
6006774129855	600677	4129855	1.06E-05	10.606	2.85E-03
6006874129855	600687	4129855	1.03E-05	10.316	2.77E-03
6006974129855	600697	4129855	1.00E-05	10.006	2.69E-03
6007074129855	600707	4129855	9.68E-06	9.685	2.60E-03
6007174129855	600717	4129855	9.36E-06	9.355	2.51E-03
6007274129855	600727	4129855	9.02E-06	9.025	2.43E-03
6007374129855	600737	4129855	8.69E-06	8.694	2.34E-03
6007474129855	600747	4129855	8.36E-06	8.362	2.25E-03
6007574129855	600757	4129855	8.04E-06	8.036	2.16E-03
6007674129855	600767	4129855	7.72E-06	7.716	2.07E-03
6007774129855	600777	4129855	7.40E-06	7.405	1.99E-03
6007874129855	600787	4129855	7.10E-06	7.103	1.91E-03
6007974129855	600797	4129855	6.81E-06	6.811	1.83E-03
6008074129855	600807	4129855	6.53E-06	6.530	1.75E-03
6008174129855	600817	4129855	6.26E-06	6.261	1.68E-03
6008274129855	600827	4129855	6.00E-06	6.001	1.61E-03
6008374129855	600837	4129855	5.75E-06	5.751	1.55E-03
6008474129855	600847	4129855	5.51E-06	5.511	1.48E-03
6008574129855	600857	4129855	5.29E-06	5.286	1.42E-03
6008674129855	600867	4129855	5.07E-06	5.070	1.36E-03
6008774129855	600877	4129855	4.87E-06	4.866	1.31E-03
6008874129855	600887	4129855	4.67E-06	4.669	1.25E-03
6008974129855	600897	4129855	4.48E-06	4.484	1.20E-03
6001774129865	600177	4129865	8.20E-07	0.820	2.20E-04

6001874129865	600187	4129865	8.43E-07	0.843	2.27E-04
6001974129865	600197	4129865	8.66E-07	0.866	2.33E-04
6002074129865	600207	4129865	8.90E-07	0.890	2.39E-04
6002174129865	600217	4129865	9.14E-07	0.914	2.46E-04
6002274129865	600227	4129865	9.38E-07	0.938	2.52E-04
6002374129865	600237	4129865	9.62E-07	0.962	2.58E-04
6002474129865	600247	4129865	9.86E-07	0.986	2.65E-04
6002574129865	600257	4129865	1.01E-06	1.011	2.72E-04
6002674129865	600267	4129865	1.04E-06	1.036	2.78E-04
6002774129865	600277	4129865	1.06E-06	1.061	2.85E-04
6002874129865	600287	4129865	1.09E-06	1.086	2.92E-04
6002974129865	600297	4129865	1.11E-06	1.112	2.99E-04
6003074129865	600307	4129865	1.14E-06	1.139	3.06E-04
6003174129865	600317	4129865	1.17E-06	1.167	3.14E-04
6003274129865	600327	4129865	1.20E-06	1.197	3.22E-04
6003374129865	600337	4129865	1.23E-06	1.228	3.30E-04
6003474129865	600347	4129865	1.26E-06	1.262	3.39E-04
6003574129865	600357	4129865	1.30E-06	1.303	3.50E-04
6003674129865	600367	4129865	1.35E-06	1.349	3.62E-04
6003774129865	600377	4129865	1.40E-06	1.402	3.77E-04
6003874129865	600387	4129865	1.46E-06	1.464	3.94E-04
6003974129865	600397	4129865	1.54E-06	1.540	4.14E-04
6004074129865	600407	4129865	1.63E-06	1.634	4.39E-04
6004174129865	600417	4129865	1.75E-06	1.752	4.71E-04
6004274129865	600427	4129865	1.90E-06	1.902	5.11E-04
6004374129865	600437	4129865	2.09E-06	2.095	5.63E-04
6004474129865	600447	4129865	2.34E-06	2.335	6.28E-04
6004574129865	600457	4129865	2.64E-06	2.641	7.10E-04
6004674129865	600467	4129865	3.02E-06	3.022	8.12E-04
6004774129865	600477	4129865	3.49E-06	3.490	9.38E-04
6004874129865	600487	4129865	4.05E-06	4.055	1.09E-03
6004974129865	600497	4129865	4.73E-06	4.726	1.27E-03
6005074129865	600507	4129865	5.51E-06	5.510	1.48E-03
6005174129865	600517	4129865	6.40E-06	6.399	1.72E-03
6005274129865	600527	4129865	7.42E-06	7.420	1.99E-03
6005374129865	600537	4129865	8.54E-06	8.540	2.29E-03
6005474129865	600547	4129865	9.70E-06	9.705	2.61E-03
6005574129865	600557	4129865	1.08E-05	10.793	2.90E-03
6005674129865	600567	4129865	1.17E-05	11.736	3.15E-03
6005774129865	600577	4129865	1.24E-05	12.423	3.34E-03
6005874129865	600587	4129865	1.29E-05	12.917	3.47E-03
6005974129865	600597	4129865	1.32E-05	13.217	3.55E-03
6006074129865	600607	4129865	1.34E-05	13.364	3.59E-03
6006174129865	600617	4129865	1.34E-05	13.384	3.60E-03
6006274129865	600627	4129865	1.33E-05	13.283	3.57E-03
6006374129865	600637	4129865	1.31E-05	13.089	3.52E-03
6006474129865	600647	4129865	1.28E-05	12.824	3.45E-03
6006574129865	600657	4129865	1.25E-05	12.505	3.36E-03
6006674129865	600667	4129865	1.21E-05	12.147	3.26E-03
6006774129865	600677	4129865	1.18E-05	11.762	3.16E-03
6006874129865	600687	4129865	1.14E-05	11.356	3.05E-03
6006974129865	600697	4129865	1.09E-05	10.937	2.94E-03
6007074129865	600707	4129865	1.05E-05	10.514	2.83E-03
6007174129865	600717	4129865	1.01E-05	10.090	2.71E-03
6007274129865	600727	4129865	9.67E-06	9.672	2.60E-03

6007374129865	600737	4129865	9.26E-06	9.259	2.49E-03
6007474129865	600747	4129865	8.86E-06	8.856	2.38E-03
6007574129865	600757	4129865	8.47E-06	8.466	2.27E-03
6007674129865	600767	4129865	8.09E-06	8.089	2.17E-03
6007774129865	600777	4129865	7.73E-06	7.727	2.08E-03
6007874129865	600787	4129865	7.38E-06	7.379	1.98E-03
6007974129865	600797	4129865	7.05E-06	7.048	1.89E-03
6008074129865	600807	4129865	6.73E-06	6.732	1.81E-03
6008174129865	600817	4129865	6.43E-06	6.432	1.73E-03
6008274129865	600827	4129865	6.15E-06	6.147	1.65E-03
6008374129865	600837	4129865	5.88E-06	5.876	1.58E-03
6008474129865	600847	4129865	5.62E-06	5.615	1.51E-03
6008574129865	600857	4129865	5.37E-06	5.368	1.44E-03
6008674129865	600867	4129865	5.14E-06	5.137	1.38E-03
6008774129865	600877	4129865	4.92E-06	4.917	1.32E-03
6008874129865	600887	4129865	4.71E-06	4.711	1.27E-03
6008974129865	600897	4129865	4.51E-06	4.515	1.21E-03
6001774129875	600177	4129875	8.76E-07	0.876	2.35E-04
6001874129875	600187	4129875	9.01E-07	0.901	2.42E-04
6001974129875	600197	4129875	9.28E-07	0.928	2.49E-04
6002074129875	600207	4129875	9.55E-07	0.955	2.57E-04
6002174129875	600217	4129875	9.82E-07	0.982	2.64E-04
6002274129875	600227	4129875	1.01E-06	1.010	2.71E-04
6002374129875	600237	4129875	1.04E-06	1.037	2.79E-04
6002474129875	600247	4129875	1.07E-06	1.065	2.86E-04
6002574129875	600257	4129875	1.09E-06	1.093	2.94E-04
6002674129875	600267	4129875	1.12E-06	1.121	3.01E-04
6002774129875	600277	4129875	1.15E-06	1.149	3.09E-04
6002874129875	600287	4129875	1.18E-06	1.178	3.16E-04
6002974129875	600297	4129875	1.21E-06	1.207	3.24E-04
6003074129875	600307	4129875	1.24E-06	1.238	3.33E-04
6003174129875	600317	4129875	1.27E-06	1.270	3.41E-04
6003274129875	600327	4129875	1.30E-06	1.303	3.50E-04
6003374129875	600337	4129875	1.34E-06	1.338	3.60E-04
6003474129875	600347	4129875	1.38E-06	1.377	3.70E-04
6003574129875	600357	4129875	1.42E-06	1.422	3.82E-04
6003674129875	600367	4129875	1.47E-06	1.472	3.96E-04
6003774129875	600377	4129875	1.53E-06	1.530	4.11E-04
6003874129875	600387	4129875	1.60E-06	1.598	4.29E-04
6003974129875	600397	4129875	1.68E-06	1.677	4.50E-04
6004074129875	600407	4129875	1.78E-06	1.776	4.77E-04
6004174129875	600417	4129875	1.90E-06	1.902	5.11E-04
6004274129875	600427	4129875	2.06E-06	2.061	5.54E-04
6004374129875	600437	4129875	2.27E-06	2.267	6.09E-04
6004474129875	600447	4129875	2.53E-06	2.533	6.81E-04
6004574129875	600457	4129875	2.87E-06	2.873	7.72E-04
6004674129875	600467	4129875	3.30E-06	3.303	8.88E-04
6004774129875	600477	4129875	3.84E-06	3.840	1.03E-03
6004874129875	600487	4129875	4.50E-06	4.497	1.21E-03
6004974129875	600497	4129875	5.28E-06	5.283	1.42E-03
6005074129875	600507	4129875	6.21E-06	6.213	1.67E-03
6005174129875	600517	4129875	7.29E-06	7.289	1.96E-03
6005274129875	600527	4129875	8.56E-06	8.559	2.30E-03
6005374129875	600537	4129875	1.00E-05	10.015	2.69E-03
6005474129875	600547	4129875	1.16E-05	11.605	3.12E-03

6005574129875	600557	4129875	1.31E-05	13.107	3.52E-03
6005674129875	600567	4129875	1.43E-05	14.260	3.83E-03
6005774129875	600577	4129875	1.50E-05	15.049	4.04E-03
6005874129875	600587	4129875	1.56E-05	15.561	4.18E-03
6005974129875	600597	4129875	1.58E-05	15.813	4.25E-03
6006074129875	600607	4129875	1.58E-05	15.838	4.26E-03
6006174129875	600617	4129875	1.57E-05	15.688	4.22E-03
6006274129875	600627	4129875	1.54E-05	15.402	4.14E-03
6006374129875	600637	4129875	1.50E-05	15.022	4.04E-03
6006474129875	600647	4129875	1.46E-05	14.572	3.92E-03
6006574129875	600657	4129875	1.41E-05	14.076	3.78E-03
6006674129875	600667	4129875	1.36E-05	13.550	3.64E-03
6006774129875	600677	4129875	1.30E-05	13.005	3.49E-03
6006874129875	600687	4129875	1.25E-05	12.453	3.35E-03
6006974129875	600697	4129875	1.19E-05	11.902	3.20E-03
6007074129875	600707	4129875	1.14E-05	11.354	3.05E-03
6007174129875	600717	4129875	1.08E-05	10.819	2.91E-03
6007274129875	600727	4129875	1.03E-05	10.300	2.77E-03
6007374129875	600737	4129875	9.80E-06	9.800	2.63E-03
6007474129875	600747	4129875	9.32E-06	9.320	2.50E-03
6007574129875	600757	4129875	8.86E-06	8.861	2.38E-03
6007674129875	600767	4129875	8.42E-06	8.423	2.26E-03
6007774129875	600777	4129875	8.01E-06	8.010	2.15E-03
6007874129875	600787	4129875	7.62E-06	7.618	2.05E-03
6007974129875	600797	4129875	7.25E-06	7.247	1.95E-03
6008074129875	600807	4129875	6.90E-06	6.898	1.85E-03
6008174129875	600817	4129875	6.57E-06	6.568	1.77E-03
6008274129875	600827	4129875	6.26E-06	6.258	1.68E-03
6008374129875	600837	4129875	5.97E-06	5.966	1.60E-03
6008474129875	600847	4129875	5.69E-06	5.690	1.53E-03
6008574129875	600857	4129875	5.43E-06	5.426	1.46E-03
6008674129875	600867	4129875	5.18E-06	5.177	1.39E-03
6008774129875	600877	4129875	4.95E-06	4.947	1.33E-03
6008874129875	600887	4129875	4.73E-06	4.730	1.27E-03
6008974129875	600897	4129875	4.53E-06	4.525	1.22E-03
6009074129875	600907	4129875	4.34E-06	4.336	1.17E-03
6001774129885	600177	4129885	9.38E-07	0.938	2.52E-04
6001874129885	600187	4129885	9.67E-07	0.967	2.60E-04
6001974129885	600197	4129885	9.97E-07	0.997	2.68E-04
6002074129885	600207	4129885	1.03E-06	1.028	2.76E-04
6002174129885	600217	4129885	1.06E-06	1.058	2.84E-04
6002274129885	600227	4129885	1.09E-06	1.090	2.93E-04
6002374129885	600237	4129885	1.12E-06	1.122	3.02E-04
6002474129885	600247	4129885	1.15E-06	1.154	3.10E-04
6002574129885	600257	4129885	1.19E-06	1.186	3.19E-04
6002674129885	600267	4129885	1.22E-06	1.218	3.27E-04
6002774129885	600277	4129885	1.25E-06	1.250	3.36E-04
6002874129885	600287	4129885	1.28E-06	1.283	3.45E-04
6002974129885	600297	4129885	1.32E-06	1.317	3.54E-04
6003074129885	600307	4129885	1.35E-06	1.352	3.63E-04
6003174129885	600317	4129885	1.39E-06	1.388	3.73E-04
6003274129885	600327	4129885	1.43E-06	1.426	3.83E-04
6003374129885	600337	4129885	1.47E-06	1.468	3.94E-04
6003474129885	600347	4129885	1.51E-06	1.513	4.07E-04
6003574129885	600357	4129885	1.56E-06	1.564	4.20E-04

6003674129885	600367	4129885	1.62E-06	1.619	4.35E-04
6003774129885	600377	4129885	1.68E-06	1.683	4.52E-04
6003874129885	600387	4129885	1.76E-06	1.756	4.72E-04
6003974129885	600397	4129885	1.84E-06	1.842	4.95E-04
6004074129885	600407	4129885	1.95E-06	1.948	5.23E-04
6004174129885	600417	4129885	2.08E-06	2.082	5.59E-04
6004274129885	600427	4129885	2.25E-06	2.254	6.06E-04
6004374129885	600437	4129885	2.48E-06	2.478	6.66E-04
6004474129885	600447	4129885	2.77E-06	2.771	7.45E-04
6004574129885	600457	4129885	3.15E-06	3.154	8.48E-04
6004674129885	600467	4129885	3.65E-06	3.645	9.80E-04
6004774129885	600477	4129885	4.27E-06	4.266	1.15E-03
6004874129885	600487	4129885	5.04E-06	5.037	1.35E-03
6004974129885	600497	4129885	5.97E-06	5.970	1.60E-03
6005074129885	600507	4129885	7.08E-06	7.077	1.90E-03
6005174129885	600517	4129885	8.39E-06	8.387	2.25E-03
6005274129885	600527	4129885	9.98E-06	9.983	2.68E-03
6005374129885	600537	4129885	1.19E-05	11.943	3.21E-03
6005474129885	600547	4129885	1.43E-05	14.329	3.85E-03
6005574129885	600557	4129885	1.64E-05	16.418	4.41E-03
6005674129885	600567	4129885	1.78E-05	17.841	4.79E-03
6005774129885	600577	4129885	1.87E-05	18.711	5.03E-03
6005874129885	600587	4129885	1.91E-05	19.114	5.14E-03
6005974129885	600597	4129885	1.92E-05	19.160	5.15E-03
6006074129885	600607	4129885	1.89E-05	18.928	5.09E-03
6006174129885	600617	4129885	1.85E-05	18.485	4.97E-03
6006274129885	600627	4129885	1.79E-05	17.903	4.81E-03
6006374129885	600637	4129885	1.72E-05	17.243	4.63E-03
6006474129885	600647	4129885	1.65E-05	16.533	4.44E-03
6006574129885	600657	4129885	1.58E-05	15.796	4.24E-03
6006674129885	600667	4129885	1.51E-05	15.051	4.04E-03
6006774129885	600677	4129885	1.43E-05	14.309	3.85E-03
6006874129885	600687	4129885	1.36E-05	13.580	3.65E-03
6006974129885	600697	4129885	1.29E-05	12.866	3.46E-03
6007074129885	600707	4129885	1.22E-05	12.176	3.27E-03
6007174129885	600717	4129885	1.15E-05	11.515	3.09E-03
6007274129885	600727	4129885	1.09E-05	10.888	2.93E-03
6007374129885	600737	4129885	1.03E-05	10.295	2.77E-03
6007474129885	600747	4129885	9.73E-06	9.734	2.62E-03
6007574129885	600757	4129885	9.20E-06	9.204	2.47E-03
6007674129885	600767	4129885	8.71E-06	8.708	2.34E-03
6007774129885	600777	4129885	8.24E-06	8.243	2.22E-03
6007874129885	600787	4129885	7.81E-06	7.809	2.10E-03
6007974129885	600797	4129885	7.40E-06	7.401	1.99E-03
6008074129885	600807	4129885	7.02E-06	7.021	1.89E-03
6008174129885	600817	4129885	6.66E-06	6.665	1.79E-03
6008274129885	600827	4129885	6.33E-06	6.332	1.70E-03
6008374129885	600837	4129885	6.02E-06	6.021	1.62E-03
6008474129885	600847	4129885	5.73E-06	5.729	1.54E-03
6008574129885	600857	4129885	5.45E-06	5.455	1.47E-03
6008674129885	600867	4129885	5.19E-06	5.192	1.40E-03
6008774129885	600877	4129885	4.95E-06	4.951	1.33E-03
6008874129885	600887	4129885	4.73E-06	4.727	1.27E-03
6008974129885	600897	4129885	4.52E-06	4.518	1.21E-03
6009074129885	600907	4129885	4.32E-06	4.320	1.16E-03

6001774129895	600177	4129895	1.01E-06	1.006	2.70E-04
6001874129895	600187	4129895	1.04E-06	1.041	2.80E-04
6001974129895	600197	4129895	1.08E-06	1.075	2.89E-04
6002074129895	600207	4129895	1.11E-06	1.110	2.98E-04
6002174129895	600217	4129895	1.15E-06	1.145	3.08E-04
6002274129895	600227	4129895	1.18E-06	1.182	3.18E-04
6002374129895	600237	4129895	1.22E-06	1.219	3.28E-04
6002474129895	600247	4129895	1.26E-06	1.255	3.37E-04
6002574129895	600257	4129895	1.29E-06	1.292	3.47E-04
6002674129895	600267	4129895	1.33E-06	1.328	3.57E-04
6002774129895	600277	4129895	1.37E-06	1.366	3.67E-04
6002874129895	600287	4129895	1.40E-06	1.404	3.77E-04
6002974129895	600297	4129895	1.44E-06	1.444	3.88E-04
6003074129895	600307	4129895	1.48E-06	1.484	3.99E-04
6003174129895	600317	4129895	1.53E-06	1.525	4.10E-04
6003274129895	600327	4129895	1.57E-06	1.571	4.22E-04
6003374129895	600337	4129895	1.62E-06	1.620	4.35E-04
6003474129895	600347	4129895	1.67E-06	1.674	4.50E-04
6003574129895	600357	4129895	1.73E-06	1.731	4.65E-04
6003674129895	600367	4129895	1.79E-06	1.794	4.82E-04
6003774129895	600377	4129895	1.87E-06	1.865	5.01E-04
6003874129895	600387	4129895	1.95E-06	1.947	5.23E-04
6003974129895	600397	4129895	2.04E-06	2.043	5.49E-04
6004074129895	600407	4129895	2.16E-06	2.158	5.80E-04
6004174129895	600417	4129895	2.30E-06	2.303	6.19E-04
6004274129895	600427	4129895	2.49E-06	2.489	6.69E-04
6004374129895	600437	4129895	2.74E-06	2.735	7.35E-04
6004474129895	600447	4129895	3.06E-06	3.063	8.23E-04
6004574129895	600457	4129895	3.50E-06	3.499	9.40E-04
6004674129895	600467	4129895	4.07E-06	4.069	1.09E-03
6004774129895	600477	4129895	4.80E-06	4.803	1.29E-03
6004874129895	600487	4129895	5.73E-06	5.726	1.54E-03
6004974129895	600497	4129895	6.85E-06	6.852	1.84E-03
6005074129895	600507	4129895	8.19E-06	8.192	2.20E-03
6005174129895	600517	4129895	9.80E-06	9.805	2.63E-03
6005274129895	600527	4129895	1.18E-05	11.805	3.17E-03
6005374129895	600537	4129895	1.45E-05	14.534	3.91E-03
6005474129895	600547	4129895	1.82E-05	18.238	4.90E-03
6005574129895	600557	4129895	2.14E-05	21.443	5.76E-03
6005674129895	600567	4129895	2.33E-05	23.269	6.25E-03
6005774129895	600577	4129895	2.39E-05	23.939	6.43E-03
6005874129895	600587	4129895	2.39E-05	23.897	6.42E-03
6005974129895	600597	4129895	2.34E-05	23.427	6.30E-03
6006074129895	600607	4129895	2.27E-05	22.704	6.10E-03
6006174129895	600617	4129895	2.18E-05	21.797	5.86E-03
6006274129895	600627	4129895	2.08E-05	20.786	5.59E-03
6006374129895	600637	4129895	1.97E-05	19.733	5.30E-03
6006474129895	600647	4129895	1.87E-05	18.674	5.02E-03
6006574129895	600657	4129895	1.76E-05	17.627	4.74E-03
6006674129895	600667	4129895	1.66E-05	16.608	4.46E-03
6006774129895	600677	4129895	1.56E-05	15.628	4.20E-03
6006874129895	600687	4129895	1.47E-05	14.687	3.95E-03
6006974129895	600697	4129895	1.38E-05	13.791	3.71E-03
6007074129895	600707	4129895	1.29E-05	12.944	3.48E-03
6007174129895	600717	4129895	1.22E-05	12.151	3.27E-03

6007274129895	600727	4129895	1.14E-05	11.410	3.07E-03
6007374129895	600737	4129895	1.07E-05	10.722	2.88E-03
6007474129895	600747	4129895	1.01E-05	10.080	2.71E-03
6007574129895	600757	4129895	9.48E-06	9.483	2.55E-03
6007674129895	600767	4129895	8.93E-06	8.931	2.40E-03
6007774129895	600777	4129895	8.42E-06	8.419	2.26E-03
6007874129895	600787	4129895	7.94E-06	7.945	2.13E-03
6007974129895	600797	4129895	7.50E-06	7.504	2.02E-03
6008074129895	600807	4129895	7.10E-06	7.096	1.91E-03
6008174129895	600817	4129895	6.72E-06	6.717	1.81E-03
6008274129895	600827	4129895	6.37E-06	6.366	1.71E-03
6008374129895	600837	4129895	6.04E-06	6.038	1.62E-03
6008474129895	600847	4129895	5.74E-06	5.736	1.54E-03
6008574129895	600857	4129895	5.45E-06	5.452	1.46E-03
6008674129895	600867	4129895	5.18E-06	5.183	1.39E-03
6008774129895	600877	4129895	4.93E-06	4.933	1.33E-03
6008874129895	600887	4129895	4.70E-06	4.703	1.26E-03
6008974129895	600897	4129895	4.49E-06	4.489	1.21E-03
6009074129895	600907	4129895	4.29E-06	4.288	1.15E-03
6001674129905	600167	4129905	1.04E-06	1.043	2.80E-04
6001774129905	600177	4129905	1.08E-06	1.082	2.91E-04
6001874129905	600187	4129905	1.12E-06	1.121	3.01E-04
6001974129905	600197	4129905	1.16E-06	1.162	3.12E-04
6002074129905	600207	4129905	1.20E-06	1.203	3.23E-04
6002174129905	600217	4129905	1.24E-06	1.245	3.34E-04
6002274129905	600227	4129905	1.29E-06	1.287	3.46E-04
6002374129905	600237	4129905	1.33E-06	1.329	3.57E-04
6002474129905	600247	4129905	1.37E-06	1.371	3.68E-04
6002574129905	600257	4129905	1.41E-06	1.413	3.80E-04
6002674129905	600267	4129905	1.46E-06	1.455	3.91E-04
6002774129905	600277	4129905	1.50E-06	1.498	4.03E-04
6002874129905	600287	4129905	1.54E-06	1.543	4.15E-04
6002974129905	600297	4129905	1.59E-06	1.588	4.27E-04
6003074129905	600307	4129905	1.64E-06	1.635	4.39E-04
6003174129905	600317	4129905	1.69E-06	1.686	4.53E-04
6003274129905	600327	4129905	1.74E-06	1.740	4.68E-04
6003374129905	600337	4129905	1.80E-06	1.800	4.84E-04
6003474129905	600347	4129905	1.86E-06	1.862	5.00E-04
6003574129905	600357	4129905	1.93E-06	1.930	5.18E-04
6003674129905	600367	4129905	2.00E-06	2.004	5.38E-04
6003774129905	600377	4129905	2.08E-06	2.085	5.60E-04
6003874129905	600387	4129905	2.18E-06	2.177	5.85E-04
6003974129905	600397	4129905	2.29E-06	2.285	6.14E-04
6004074129905	600407	4129905	2.41E-06	2.414	6.49E-04
6004174129905	600417	4129905	2.57E-06	2.574	6.92E-04
6004274129905	600427	4129905	2.78E-06	2.780	7.47E-04
6004374129905	600437	4129905	3.05E-06	3.053	8.20E-04
6004474129905	600447	4129905	3.42E-06	3.424	9.20E-04
6004574129905	600457	4129905	3.93E-06	3.930	1.06E-03
6004674129905	600467	4129905	4.61E-06	4.607	1.24E-03
6004774129905	600477	4129905	5.50E-06	5.497	1.48E-03
6004874129905	600487	4129905	6.64E-06	6.644	1.79E-03
6004974129905	600497	4129905	8.04E-06	8.041	2.16E-03
6005074129905	600507	4129905	9.74E-06	9.738	2.62E-03
6005174129905	600517	4129905	1.18E-05	11.817	3.18E-03



6005274129905	600527	4129905	1.44E-05	14.393	3.87E-03
6005374129905	600537	4129905	1.79E-05	17.937	4.82E-03
6005474129905	600547	4129905	2.30E-05	22.998	6.18E-03
6005574129905	600557	4129905	2.69E-05	26.887	7.22E-03
6005674129905	600567	4129905	2.86E-05	28.560	7.67E-03
6005774129905	600577	4129905	3.11E-05	31.087	8.35E-03
6005874129905	600587	4129905	3.00E-05	30.026	8.07E-03
6005974129905	600597	4129905	2.87E-05	28.680	7.71E-03
6006074129905	600607	4129905	2.72E-05	27.175	7.30E-03
6006174129905	600617	4129905	2.56E-05	25.593	6.88E-03
6006274129905	600627	4129905	2.40E-05	24.003	6.45E-03
6006374129905	600637	4129905	2.24E-05	22.438	6.03E-03
6006474129905	600647	4129905	2.09E-05	20.934	5.63E-03
6006574129905	600657	4129905	1.95E-05	19.503	5.24E-03
6006674129905	600667	4129905	1.82E-05	18.156	4.88E-03
6006774129905	600677	4129905	1.69E-05	16.898	4.54E-03
6006874129905	600687	4129905	1.57E-05	15.716	4.22E-03
6006974129905	600697	4129905	1.46E-05	14.629	3.93E-03
6007074129905	600707	4129905	1.36E-05	13.617	3.66E-03
6007174129905	600717	4129905	1.27E-05	12.691	3.41E-03
6007274129905	600727	4129905	1.18E-05	11.837	3.18E-03
6007374129905	600737	4129905	1.11E-05	11.052	2.97E-03
6007474129905	600747	4129905	1.03E-05	10.341	2.78E-03
6007574129905	600757	4129905	9.68E-06	9.684	2.60E-03
6007674129905	600767	4129905	9.08E-06	9.083	2.44E-03
6007774129905	600777	4129905	8.53E-06	8.529	2.29E-03
6007874129905	600787	4129905	8.02E-06	8.020	2.16E-03
6007974129905	600797	4129905	7.55E-06	7.552	2.03E-03
6008074129905	600807	4129905	7.12E-06	7.121	1.91E-03
6008174129905	600817	4129905	6.72E-06	6.724	1.81E-03
6008274129905	600827	4129905	6.36E-06	6.357	1.71E-03
6008374129905	600837	4129905	6.02E-06	6.021	1.62E-03
6008474129905	600847	4129905	5.71E-06	5.710	1.53E-03
6008574129905	600857	4129905	5.42E-06	5.417	1.46E-03
6008674129905	600867	4129905	5.14E-06	5.143	1.38E-03
6008774129905	600877	4129905	4.89E-06	4.888	1.31E-03
6008874129905	600887	4129905	4.66E-06	4.655	1.25E-03
6008974129905	600897	4129905	4.44E-06	4.439	1.19E-03
6009074129905	600907	4129905	4.24E-06	4.236	1.14E-03
6001674129915	600167	4129915	1.12E-06	1.121	3.01E-04
6001774129915	600177	4129915	1.17E-06	1.166	3.13E-04
6001874129915	600187	4129915	1.21E-06	1.212	3.26E-04
6001974129915	600197	4129915	1.26E-06	1.259	3.38E-04
6002074129915	600207	4129915	1.31E-06	1.308	3.51E-04
6002174129915	600217	4129915	1.36E-06	1.357	3.65E-04
6002274129915	600227	4129915	1.41E-06	1.406	3.78E-04
6002374129915	600237	4129915	1.46E-06	1.455	3.91E-04
6002474129915	600247	4129915	1.50E-06	1.504	4.04E-04
6002574129915	600257	4129915	1.55E-06	1.552	4.17E-04
6002674129915	600267	4129915	1.60E-06	1.601	4.30E-04
6002774129915	600277	4129915	1.65E-06	1.652	4.44E-04
6002874129915	600287	4129915	1.70E-06	1.703	4.58E-04
6002974129915	600297	4129915	1.76E-06	1.756	4.72E-04
6003074129915	600307	4129915	1.81E-06	1.813	4.87E-04
6003174129915	600317	4129915	1.87E-06	1.874	5.04E-04

6003274129915	600327	4129915	1.94E-06	1.940	5.21E-04
6003374129915	600337	4129915	2.01E-06	2.010	5.40E-04
6003474129915	600347	4129915	2.08E-06	2.084	5.60E-04
6003574129915	600357	4129915	2.16E-06	2.165	5.82E-04
6003674129915	600367	4129915	2.25E-06	2.253	6.05E-04
6003774129915	600377	4129915	2.35E-06	2.349	6.31E-04
6003874129915	600387	4129915	2.46E-06	2.456	6.60E-04
6003974129915	600397	4129915	2.58E-06	2.580	6.93E-04
6004074129915	600407	4129915	2.73E-06	2.727	7.33E-04
6004174129915	600417	4129915	2.91E-06	2.909	7.82E-04
6004274129915	600427	4129915	3.14E-06	3.140	8.44E-04
6004374129915	600437	4129915	3.45E-06	3.449	9.27E-04
6004474129915	600447	4129915	3.87E-06	3.874	1.04E-03
6004574129915	600457	4129915	4.47E-06	4.469	1.20E-03
6004674129915	600467	4129915	5.29E-06	5.286	1.42E-03
6004774129915	600477	4129915	6.40E-06	6.400	1.72E-03
6004874129915	600487	4129915	7.87E-06	7.866	2.11E-03
6004974129915	600497	4129915	9.69E-06	9.694	2.60E-03
6005074129915	600507	4129915	1.20E-05	11.977	3.22E-03
6005174129915	600517	4129915	1.48E-05	14.836	3.99E-03
6005274129915	600527	4129915	1.86E-05	18.551	4.98E-03
6005674129915	600567	4129915	3.42E-05	34.219	9.20E-03
6005774129915	600577	4129915	3.79E-05	37.877	1.02E-02
6005874129915	600587	4129915	3.74E-05	37.366	1.00E-02
6005974129915	600597	4129915	3.48E-05	34.840	9.36E-03
6006074129915	600607	4129915	3.23E-05	32.303	8.68E-03
6006174129915	600617	4129915	2.98E-05	29.818	8.01E-03
6006274129915	600627	4129915	2.75E-05	27.462	7.38E-03
6006374129915	600637	4129915	2.53E-05	25.272	6.79E-03
6006474129915	600647	4129915	2.32E-05	23.230	6.24E-03
6006574129915	600657	4129915	2.13E-05	21.339	5.73E-03
6006674129915	600667	4129915	1.96E-05	19.616	5.27E-03
6006774129915	600677	4129915	1.80E-05	18.045	4.85E-03
6006874129915	600687	4129915	1.66E-05	16.617	4.47E-03
6006974129915	600697	4129915	1.53E-05	15.326	4.12E-03
6007074129915	600707	4129915	1.42E-05	14.161	3.81E-03
6007174129915	600717	4129915	1.31E-05	13.101	3.52E-03
6007274129915	600727	4129915	1.21E-05	12.147	3.26E-03
6007374129915	600737	4129915	1.13E-05	11.278	3.03E-03
6007474129915	600747	4129915	1.05E-05	10.498	2.82E-03
6007574129915	600757	4129915	9.79E-06	9.794	2.63E-03
6007674129915	600767	4129915	9.16E-06	9.156	2.46E-03
6007774129915	600777	4129915	8.57E-06	8.566	2.30E-03
6007874129915	600787	4129915	8.03E-06	8.031	2.16E-03
6007974129915	600797	4129915	7.54E-06	7.542	2.03E-03
6008074129915	600807	4129915	7.09E-06	7.094	1.91E-03
6008174129915	600817	4129915	6.69E-06	6.685	1.80E-03
6008274129915	600827	4129915	6.31E-06	6.311	1.70E-03
6008374129915	600837	4129915	5.97E-06	5.969	1.60E-03
6008474129915	600847	4129915	5.65E-06	5.648	1.52E-03
6008574129915	600857	4129915	5.35E-06	5.349	1.44E-03
6008674129915	600867	4129915	5.07E-06	5.074	1.36E-03
6008774129915	600877	4129915	4.82E-06	4.823	1.30E-03
6008874129915	600887	4129915	4.59E-06	4.588	1.23E-03
6008974129915	600897	4129915	4.37E-06	4.371	1.17E-03

6009074129915	600907	4129915	4.17E-06	4.167	1.12E-03
6009174129915	600917	4129915	3.98E-06	3.978	1.07E-03
6001674129925	600167	4129925	1.21E-06	1.208	3.25E-04
6001774129925	600177	4129925	1.26E-06	1.260	3.39E-04
6001874129925	600187	4129925	1.31E-06	1.314	3.53E-04
6001974129925	600197	4129925	1.37E-06	1.370	3.68E-04
6002074129925	600207	4129925	1.43E-06	1.426	3.83E-04
6002174129925	600217	4129925	1.48E-06	1.484	3.99E-04
6002274129925	600227	4129925	1.54E-06	1.543	4.15E-04
6002374129925	600237	4129925	1.60E-06	1.601	4.30E-04
6002474129925	600247	4129925	1.66E-06	1.657	4.45E-04
6002574129925	600257	4129925	1.71E-06	1.713	4.60E-04
6002674129925	600267	4129925	1.77E-06	1.771	4.76E-04
6002774129925	600277	4129925	1.83E-06	1.829	4.91E-04
6002874129925	600287	4129925	1.89E-06	1.889	5.07E-04
6002974129925	600297	4129925	1.95E-06	1.953	5.25E-04
6003074129925	600307	4129925	2.02E-06	2.022	5.43E-04
6003174129925	600317	4129925	2.10E-06	2.096	5.63E-04
6003274129925	600327	4129925	2.17E-06	2.175	5.84E-04
6003374129925	600337	4129925	2.26E-06	2.258	6.07E-04
6003474129925	600347	4129925	2.35E-06	2.348	6.31E-04
6003574129925	600357	4129925	2.44E-06	2.443	6.57E-04
6003674129925	600367	4129925	2.55E-06	2.548	6.85E-04
6003774129925	600377	4129925	2.66E-06	2.664	7.16E-04
6003874129925	600387	4129925	2.79E-06	2.792	7.50E-04
6003974129925	600397	4129925	2.94E-06	2.937	7.89E-04
6004074129925	600407	4129925	3.11E-06	3.110	8.36E-04
6004174129925	600417	4129925	3.32E-06	3.321	8.92E-04
6004274129925	600427	4129925	3.59E-06	3.587	9.64E-04
6004374129925	600437	4129925	3.94E-06	3.941	1.06E-03
6004474129925	600447	4129925	4.43E-06	4.431	1.19E-03
6004574129925	600457	4129925	5.13E-06	5.135	1.38E-03
6004674129925	600467	4129925	6.14E-06	6.140	1.65E-03
6004774129925	600477	4129925	7.56E-06	7.563	2.03E-03
6004874129925	600487	4129925	9.48E-06	9.484	2.55E-03
6004974129925	600497	4129925	1.20E-05	11.967	3.22E-03
6005074129925	600507	4129925	1.52E-05	15.166	4.08E-03
6005174129925	600517	4129925	1.93E-05	19.321	5.19E-03
6005774129925	600577	4129925	4.19E-05	41.873	1.13E-02
6005874129925	600587	4129925	4.20E-05	41.999	1.13E-02
6005974129925	600597	4129925	4.18E-05	41.819	1.12E-02
6006074129925	600607	4129925	3.80E-05	38.012	1.02E-02
6006174129925	600617	4129925	3.44E-05	34.396	9.24E-03
6006274129925	600627	4129925	3.11E-05	31.072	8.35E-03
6006374129925	600637	4129925	2.81E-05	28.070	7.54E-03
6006474129925	600647	4129925	2.54E-05	25.403	6.83E-03
6006574129925	600657	4129925	2.30E-05	23.007	6.18E-03
6006674129925	600667	4129925	2.09E-05	20.859	5.61E-03
6006774129925	600677	4129925	1.90E-05	18.972	5.10E-03
6006874129925	600687	4129925	1.73E-05	17.305	4.65E-03
6006974129925	600697	4129925	1.58E-05	15.824	4.25E-03
6007074129925	600707	4129925	1.45E-05	14.513	3.90E-03
6007174129925	600717	4129925	1.34E-05	13.350	3.59E-03
6007274129925	600727	4129925	1.23E-05	12.317	3.31E-03
6007374129925	600737	4129925	1.14E-05	11.387	3.06E-03

6007474129925	600747	4129925	1.05E-05	10.549	2.83E-03
6007574129925	600757	4129925	9.81E-06	9.807	2.64E-03
6007674129925	600767	4129925	9.14E-06	9.141	2.46E-03
6007774129925	600777	4129925	8.53E-06	8.530	2.29E-03
6007874129925	600787	4129925	7.98E-06	7.977	2.14E-03
6007974129925	600797	4129925	7.48E-06	7.475	2.01E-03
6008074129925	600807	4129925	7.02E-06	7.018	1.89E-03
6008174129925	600817	4129925	6.60E-06	6.603	1.77E-03
6008274129925	600827	4129925	6.23E-06	6.227	1.67E-03
6008374129925	600837	4129925	5.88E-06	5.878	1.58E-03
6008474129925	600847	4129925	5.56E-06	5.555	1.49E-03
6008574129925	600857	4129925	5.26E-06	5.258	1.41E-03
6008674129925	600867	4129925	4.98E-06	4.985	1.34E-03
6008774129925	600877	4129925	4.73E-06	4.735	1.27E-03
6008874129925	600887	4129925	4.50E-06	4.503	1.21E-03
6008974129925	600897	4129925	4.29E-06	4.287	1.15E-03
6009074129925	600907	4129925	4.09E-06	4.087	1.10E-03
6009174129925	600917	4129925	3.90E-06	3.900	1.05E-03
6001674129935	600167	4129935	1.30E-06	1.305	3.51E-04
6001774129935	600177	4129935	1.37E-06	1.366	3.67E-04
6001874129935	600187	4129935	1.43E-06	1.430	3.84E-04
6001974129935	600197	4129935	1.50E-06	1.495	4.02E-04
6002074129935	600207	4129935	1.56E-06	1.562	4.20E-04
6002174129935	600217	4129935	1.63E-06	1.631	4.38E-04
6002274129935	600227	4129935	1.70E-06	1.700	4.57E-04
6002374129935	600237	4129935	1.77E-06	1.769	4.75E-04
6002474129935	600247	4129935	1.84E-06	1.836	4.93E-04
6002574129935	600257	4129935	1.90E-06	1.901	5.11E-04
6002674129935	600267	4129935	1.97E-06	1.967	5.29E-04
6002774129935	600277	4129935	2.03E-06	2.035	5.47E-04
6002874129935	600287	4129935	2.11E-06	2.106	5.66E-04
6002974129935	600297	4129935	2.18E-06	2.185	5.87E-04
6003074129935	600307	4129935	2.27E-06	2.268	6.09E-04
6003174129935	600317	4129935	2.36E-06	2.357	6.33E-04
6003274129935	600327	4129935	2.45E-06	2.451	6.59E-04
6003374129935	600337	4129935	2.55E-06	2.551	6.85E-04
6003474129935	600347	4129935	2.66E-06	2.658	7.14E-04
6003574129935	600357	4129935	2.77E-06	2.772	7.45E-04
6003674129935	600367	4129935	2.90E-06	2.897	7.79E-04
6003774129935	600377	4129935	3.04E-06	3.038	8.16E-04
6003874129935	600387	4129935	3.19E-06	3.192	8.58E-04
6003974129935	600397	4129935	3.37E-06	3.369	9.05E-04
6004074129935	600407	4129935	3.58E-06	3.576	9.61E-04
6004174129935	600417	4129935	3.82E-06	3.825	1.03E-03
6004274129935	600427	4129935	4.14E-06	4.137	1.11E-03
6004374129935	600437	4129935	4.55E-06	4.548	1.22E-03
6004474129935	600447	4129935	5.12E-06	5.117	1.37E-03
6004574129935	600457	4129935	5.95E-06	5.948	1.60E-03
6004674129935	600467	4129935	7.19E-06	7.190	1.93E-03
6004774129935	600477	4129935	9.01E-06	9.014	2.42E-03
6004874129935	600487	4129935	1.16E-05	11.572	3.11E-03
6004974129935	600497	4129935	1.50E-05	14.994	4.03E-03
6005074129935	600507	4129935	1.96E-05	19.574	5.26E-03
6005174129935	600517	4129935	2.53E-05	25.308	6.80E-03
6005874129935	600587	4129935	4.54E-05	45.414	1.22E-02

6005974129935	600597	4129935	4.52E-05	45.150	1.21E-02
6006074129935	600607	4129935	4.43E-05	44.255	1.19E-02
6006174129935	600617	4129935	3.92E-05	39.207	1.05E-02
6006274129935	600627	4129935	3.47E-05	34.664	9.31E-03
6006374129935	600637	4129935	3.07E-05	30.685	8.25E-03
6006474129935	600647	4129935	2.73E-05	27.250	7.32E-03
6006574129935	600657	4129935	2.43E-05	24.314	6.53E-03
6006674129935	600667	4129935	2.18E-05	21.763	5.85E-03
6006774129935	600677	4129935	1.96E-05	19.591	5.26E-03
6006874129935	600687	4129935	1.77E-05	17.717	4.76E-03
6006974129935	600697	4129935	1.61E-05	16.084	4.32E-03
6007074129935	600707	4129935	1.47E-05	14.663	3.94E-03
6007174129935	600717	4129935	1.34E-05	13.418	3.61E-03
6007274129935	600727	4129935	1.23E-05	12.329	3.31E-03
6007374129935	600737	4129935	1.14E-05	11.353	3.05E-03
6007474129935	600747	4129935	1.05E-05	10.489	2.82E-03
6007574129935	600757	4129935	9.73E-06	9.726	2.61E-03
6007674129935	600767	4129935	9.04E-06	9.042	2.43E-03
6007774129935	600777	4129935	8.42E-06	8.419	2.26E-03
6007874129935	600787	4129935	7.86E-06	7.863	2.11E-03
6007974129935	600797	4129935	7.36E-06	7.356	1.98E-03
6008074129935	600807	4129935	6.90E-06	6.897	1.85E-03
6008174129935	600817	4129935	6.48E-06	6.484	1.74E-03
6008274129935	600827	4129935	6.10E-06	6.105	1.64E-03
6008374129935	600837	4129935	5.76E-06	5.756	1.55E-03
6008474129935	600847	4129935	5.44E-06	5.439	1.46E-03
6008574129935	600857	4129935	5.14E-06	5.145	1.38E-03
6008674129935	600867	4129935	4.88E-06	4.877	1.31E-03
6008774129935	600877	4129935	4.63E-06	4.631	1.24E-03
6008874129935	600887	4129935	4.40E-06	4.402	1.18E-03
6008974129935	600897	4129935	4.19E-06	4.191	1.13E-03
6009074129935	600907	4129935	3.99E-06	3.994	1.07E-03
6009174129935	600917	4129935	3.81E-06	3.810	1.02E-03
6001674129945	600167	4129945	1.41E-06	1.413	3.80E-04
6001774129945	600177	4129945	1.49E-06	1.486	3.99E-04
6001874129945	600187	4129945	1.56E-06	1.561	4.19E-04
6001974129945	600197	4129945	1.64E-06	1.640	4.41E-04
6002074129945	600207	4129945	1.72E-06	1.721	4.63E-04
6002174129945	600217	4129945	1.80E-06	1.804	4.85E-04
6002274129945	600227	4129945	1.89E-06	1.886	5.07E-04
6002374129945	600237	4129945	1.97E-06	1.967	5.28E-04
6002474129945	600247	4129945	2.04E-06	2.045	5.49E-04
6002574129945	600257	4129945	2.12E-06	2.121	5.70E-04
6002674129945	600267	4129945	2.20E-06	2.197	5.90E-04
6002774129945	600277	4129945	2.28E-06	2.278	6.12E-04
6002874129945	600287	4129945	2.37E-06	2.366	6.36E-04
6002974129945	600297	4129945	2.46E-06	2.460	6.61E-04
6003074129945	600307	4129945	2.56E-06	2.559	6.88E-04
6003174129945	600317	4129945	2.66E-06	2.664	7.16E-04
6003274129945	600327	4129945	2.78E-06	2.775	7.46E-04
6003374129945	600337	4129945	2.89E-06	2.894	7.78E-04
6003474129945	600347	4129945	3.02E-06	3.022	8.12E-04
6003574129945	600357	4129945	3.16E-06	3.158	8.49E-04
6003674129945	600367	4129945	3.31E-06	3.308	8.89E-04
6003774129945	600377	4129945	3.48E-06	3.478	9.34E-04

6003874129945	600387	4129945	3.67E-06	3.667	9.85E-04
6003974129945	600397	4129945	3.88E-06	3.885	1.04E-03
6004074129945	600407	4129945	4.14E-06	4.138	1.11E-03
6004174129945	600417	4129945	4.44E-06	4.440	1.19E-03
6004274129945	600427	4129945	4.82E-06	4.816	1.29E-03
6004374129945	600437	4129945	5.30E-06	5.300	1.42E-03
6004474129945	600447	4129945	5.96E-06	5.962	1.60E-03
6004574129945	600457	4129945	6.93E-06	6.931	1.86E-03
6004674129945	600467	4129945	8.43E-06	8.432	2.27E-03
6004774129945	600477	4129945	1.07E-05	10.749	2.89E-03
6004874129945	600487	4129945	1.41E-05	14.128	3.80E-03
6004974129945	600497	4129945	1.89E-05	18.932	5.09E-03
6005074129945	600507	4129945	2.55E-05	25.450	6.84E-03
6005974129945	600597	4129945	4.83E-05	48.306	1.30E-02
6006074129945	600607	4129945	4.63E-05	46.310	1.24E-02
6006174129945	600617	4129945	4.26E-05	42.596	1.14E-02
6006274129945	600627	4129945	3.79E-05	37.938	1.02E-02
6006374129945	600637	4129945	3.28E-05	32.787	8.81E-03
6006474129945	600647	4129945	2.86E-05	28.589	7.68E-03
6006574129945	600657	4129945	2.51E-05	25.102	6.75E-03
6006674129945	600667	4129945	2.22E-05	22.222	5.97E-03
6006774129945	600677	4129945	1.98E-05	19.835	5.33E-03
6006874129945	600687	4129945	1.78E-05	17.806	4.78E-03
6006974129945	600697	4129945	1.61E-05	16.100	4.33E-03
6007074129945	600707	4129945	1.46E-05	14.598	3.92E-03
6007174129945	600717	4129945	1.33E-05	13.306	3.58E-03
6007274129945	600727	4129945	1.22E-05	12.179	3.27E-03
6007374129945	600737	4129945	1.12E-05	11.187	3.01E-03
6007474129945	600747	4129945	1.03E-05	10.317	2.77E-03
6007574129945	600757	4129945	9.55E-06	9.548	2.57E-03
6007674129945	600767	4129945	8.86E-06	8.859	2.38E-03
6007774129945	600777	4129945	8.24E-06	8.238	2.21E-03
6007874129945	600787	4129945	7.68E-06	7.685	2.06E-03
6007974129945	600797	4129945	7.19E-06	7.187	1.93E-03
6008074129945	600807	4129945	6.73E-06	6.734	1.81E-03
6008174129945	600817	4129945	6.33E-06	6.326	1.70E-03
6008274129945	600827	4129945	5.95E-06	5.952	1.60E-03
6008374129945	600837	4129945	5.61E-06	5.613	1.51E-03
6008474129945	600847	4129945	5.30E-06	5.300	1.42E-03
6008574129945	600857	4129945	5.01E-06	5.014	1.35E-03
6008674129945	600867	4129945	4.75E-06	4.755	1.28E-03
6008774129945	600877	4129945	4.51E-06	4.511	1.21E-03
6008874129945	600887	4129945	4.29E-06	4.287	1.15E-03
6008974129945	600897	4129945	4.08E-06	4.082	1.10E-03
6009074129945	600907	4129945	3.89E-06	3.891	1.05E-03
6009174129945	600917	4129945	3.71E-06	3.712	9.97E-04
6001674129955	600167	4129955	1.53E-06	1.535	4.12E-04
6001774129955	600177	4129955	1.62E-06	1.621	4.35E-04
6001874129955	600187	4129955	1.71E-06	1.712	4.60E-04
6001974129955	600197	4129955	1.81E-06	1.808	4.86E-04
6002074129955	600207	4129955	1.91E-06	1.907	5.13E-04
6002174129955	600217	4129955	2.01E-06	2.009	5.40E-04
6002274129955	600227	4129955	2.11E-06	2.108	5.67E-04
6002374129955	600237	4129955	2.20E-06	2.204	5.92E-04
6002474129955	600247	4129955	2.29E-06	2.295	6.17E-04

6002574129955	600257	4129955	2.38E-06	2.383	6.40E-04
6002674129955	600267	4129955	2.47E-06	2.474	6.65E-04
6002774129955	600277	4129955	2.57E-06	2.572	6.91E-04
6002874129955	600287	4129955	2.68E-06	2.677	7.19E-04
6002974129955	600297	4129955	2.79E-06	2.789	7.49E-04
6003074129955	600307	4129955	2.91E-06	2.905	7.81E-04
6003174129955	600317	4129955	3.03E-06	3.027	8.13E-04
6003274129955	600327	4129955	3.16E-06	3.156	8.48E-04
6003374129955	600337	4129955	3.29E-06	3.294	8.85E-04
6003474129955	600347	4129955	3.44E-06	3.443	9.25E-04
6003574129955	600357	4129955	3.61E-06	3.607	9.69E-04
6003674129955	600367	4129955	3.79E-06	3.788	1.02E-03
6003774129955	600377	4129955	3.99E-06	3.995	1.07E-03
6003874129955	600387	4129955	4.23E-06	4.233	1.14E-03
6003974129955	600397	4129955	4.50E-06	4.503	1.21E-03
6004074129955	600407	4129955	4.81E-06	4.815	1.29E-03
6004174129955	600417	4129955	5.19E-06	5.188	1.39E-03
6004274129955	600427	4129955	5.65E-06	5.647	1.52E-03
6004374129955	600437	4129955	6.23E-06	6.229	1.67E-03
6004474129955	600447	4129955	7.00E-06	7.004	1.88E-03
6004574129955	600457	4129955	8.12E-06	8.116	2.18E-03
6004674129955	600467	4129955	9.87E-06	9.865	2.65E-03
6004774129955	600477	4129955	1.27E-05	12.706	3.41E-03
6004874129955	600487	4129955	1.72E-05	17.155	4.61E-03
6004974129955	600497	4129955	2.40E-05	24.023	6.46E-03
6006074129955	600607	4129955	4.71E-05	47.072	1.26E-02
6006174129955	600617	4129955	4.29E-05	42.914	1.15E-02
6006274129955	600627	4129955	3.87E-05	38.685	1.04E-02
6006374129955	600637	4129955	3.41E-05	34.090	9.16E-03
6006474129955	600647	4129955	2.92E-05	29.158	7.84E-03
6006574129955	600657	4129955	2.53E-05	25.300	6.80E-03
6006674129955	600667	4129955	2.22E-05	22.201	5.97E-03
6006774129955	600677	4129955	1.97E-05	19.688	5.29E-03
6006874129955	600687	4129955	1.76E-05	17.592	4.73E-03
6006974129955	600697	4129955	1.58E-05	15.842	4.26E-03
6007074129955	600707	4129955	1.43E-05	14.339	3.85E-03
6007174129955	600717	4129955	1.30E-05	13.044	3.51E-03
6007274129955	600727	4129955	1.19E-05	11.909	3.20E-03
6007374129955	600737	4129955	1.09E-05	10.924	2.94E-03
6007474129955	600747	4129955	1.01E-05	10.061	2.70E-03
6007574129955	600757	4129955	9.30E-06	9.295	2.50E-03
6007674129955	600767	4129955	8.62E-06	8.616	2.32E-03
6007774129955	600777	4129955	8.01E-06	8.009	2.15E-03
6007874129955	600787	4129955	7.47E-06	7.467	2.01E-03
6007974129955	600797	4129955	6.98E-06	6.980	1.88E-03
6008074129955	600807	4129955	6.54E-06	6.539	1.76E-03
6008174129955	600817	4129955	6.14E-06	6.140	1.65E-03
6008274129955	600827	4129955	5.78E-06	5.776	1.55E-03
6008374129955	600837	4129955	5.45E-06	5.448	1.46E-03
6008474129955	600847	4129955	5.14E-06	5.144	1.38E-03
6008574129955	600857	4129955	4.87E-06	4.870	1.31E-03
6008674129955	600867	4129955	4.62E-06	4.617	1.24E-03
6008774129955	600877	4129955	4.38E-06	4.380	1.18E-03
6008874129955	600887	4129955	4.16E-06	4.162	1.12E-03
6008974129955	600897	4129955	3.96E-06	3.964	1.07E-03

6009074129955	600907	4129955	3.78E-06	3.779	1.02E-03
6009174129955	600917	4129955	3.61E-06	3.608	9.69E-04
6001674129965	600167	4129965	1.67E-06	1.670	4.49E-04
6001774129965	600177	4129965	1.77E-06	1.774	4.77E-04
6001874129965	600187	4129965	1.89E-06	1.886	5.07E-04
6001974129965	600197	4129965	2.01E-06	2.005	5.39E-04
6002074129965	600207	4129965	2.13E-06	2.131	5.72E-04
6002174129965	600217	4129965	2.26E-06	2.257	6.07E-04
6002274129965	600227	4129965	2.38E-06	2.381	6.40E-04
6002374129965	600237	4129965	2.50E-06	2.496	6.71E-04
6002474129965	600247	4129965	2.60E-06	2.601	6.99E-04
6002574129965	600257	4129965	2.70E-06	2.704	7.27E-04
6002674129965	600267	4129965	2.81E-06	2.814	7.56E-04
6002774129965	600277	4129965	2.93E-06	2.933	7.88E-04
6002874129965	600287	4129965	3.06E-06	3.056	8.21E-04
6002974129965	600297	4129965	3.18E-06	3.184	8.56E-04
6003074129965	600307	4129965	3.31E-06	3.315	8.91E-04
6003174129965	600317	4129965	3.45E-06	3.451	9.27E-04
6003274129965	600327	4129965	3.60E-06	3.596	9.66E-04
6003374129965	600337	4129965	3.75E-06	3.753	1.01E-03
6003474129965	600347	4129965	3.93E-06	3.927	1.06E-03
6003574129965	600357	4129965	4.12E-06	4.122	1.11E-03
6003674129965	600367	4129965	4.34E-06	4.345	1.17E-03
6003774129965	600377	4129965	4.60E-06	4.600	1.24E-03
6003874129965	600387	4129965	4.90E-06	4.900	1.32E-03
6003974129965	600397	4129965	5.24E-06	5.242	1.41E-03
6004074129965	600407	4129965	5.64E-06	5.636	1.51E-03
6004174129965	600417	4129965	6.10E-06	6.102	1.64E-03
6004274129965	600427	4129965	6.67E-06	6.675	1.79E-03
6004374129965	600437	4129965	7.39E-06	7.386	1.98E-03
6004474129965	600447	4129965	8.30E-06	8.303	2.23E-03
6004574129965	600457	4129965	9.57E-06	9.569	2.57E-03
6004674129965	600467	4129965	1.15E-05	11.526	3.10E-03
6004774129965	600477	4129965	1.48E-05	14.822	3.98E-03
6004874129965	600487	4129965	2.07E-05	20.744	5.57E-03
6004974129965	600497	4129965	3.04E-05	30.395	8.17E-03
6006174129965	600617	4129965	4.09E-05	40.898	1.10E-02
6006274129965	600627	4129965	3.65E-05	36.470	9.80E-03
6006374129965	600637	4129965	3.29E-05	32.878	8.83E-03
6006474129965	600647	4129965	2.91E-05	29.127	7.83E-03
6006574129965	600657	4129965	2.50E-05	24.997	6.72E-03
6006674129965	600667	4129965	2.18E-05	21.813	5.86E-03
6006774129965	600677	4129965	1.93E-05	19.282	5.18E-03
6006874129965	600687	4129965	1.72E-05	17.166	4.61E-03
6006974129965	600697	4129965	1.54E-05	15.398	4.14E-03
6007074129965	600707	4129965	1.39E-05	13.914	3.74E-03
6007174129965	600717	4129965	1.26E-05	12.635	3.40E-03
6007274129965	600727	4129965	1.15E-05	11.535	3.10E-03
6007374129965	600737	4129965	1.06E-05	10.580	2.84E-03
6007474129965	600747	4129965	9.74E-06	9.735	2.62E-03
6007574129965	600757	4129965	8.99E-06	8.990	2.42E-03
6007674129965	600767	4129965	8.33E-06	8.330	2.24E-03
6007774129965	600777	4129965	7.74E-06	7.743	2.08E-03
6007874129965	600787	4129965	7.22E-06	7.217	1.94E-03
6007974129965	600797	4129965	6.75E-06	6.749	1.81E-03



6008074129965	600807	4129965	6.33E-06	6.328	1.70E-03
6008174129965	600817	4129965	5.94E-06	5.940	1.60E-03
6008274129965	600827	4129965	5.59E-06	5.589	1.50E-03
6008374129965	600837	4129965	5.27E-06	5.269	1.42E-03
6008474129965	600847	4129965	4.98E-06	4.981	1.34E-03
6008574129965	600857	4129965	4.72E-06	4.716	1.27E-03
6008674129965	600867	4129965	4.47E-06	4.469	1.20E-03
6008774129965	600877	4129965	4.24E-06	4.242	1.14E-03
6008874129965	600887	4129965	4.03E-06	4.032	1.08E-03
6008974129965	600897	4129965	3.84E-06	3.838	1.03E-03
6009074129965	600907	4129965	3.66E-06	3.661	9.84E-04
6009174129965	600917	4129965	3.50E-06	3.496	9.39E-04
6001674129975	600167	4129975	1.82E-06	1.823	4.90E-04
6001774129975	600177	4129975	1.95E-06	1.949	5.24E-04
6001874129975	600187	4129975	2.09E-06	2.088	5.61E-04
6001974129975	600197	4129975	2.24E-06	2.241	6.02E-04
6002074129975	600207	4129975	2.40E-06	2.403	6.46E-04
6002174129975	600217	4129975	2.57E-06	2.569	6.90E-04
6002274129975	600227	4129975	2.73E-06	2.728	7.33E-04
6002374129975	600237	4129975	2.87E-06	2.868	7.71E-04
6002474129975	600247	4129975	2.99E-06	2.993	8.04E-04
6002574129975	600257	4129975	3.12E-06	3.117	8.38E-04
6002674129975	600267	4129975	3.25E-06	3.251	8.74E-04
6002774129975	600277	4129975	3.39E-06	3.390	9.11E-04
6002874129975	600287	4129975	3.53E-06	3.526	9.48E-04
6002974129975	600297	4129975	3.66E-06	3.660	9.84E-04
6003074129975	600307	4129975	3.80E-06	3.796	1.02E-03
6003174129975	600317	4129975	3.94E-06	3.940	1.06E-03
6003274129975	600327	4129975	4.10E-06	4.097	1.10E-03
6003374129975	600337	4129975	4.27E-06	4.273	1.15E-03
6003474129975	600347	4129975	4.48E-06	4.475	1.20E-03
6003574129975	600357	4129975	4.71E-06	4.707	1.26E-03
6003674129975	600367	4129975	4.98E-06	4.979	1.34E-03
6003774129975	600377	4129975	5.30E-06	5.303	1.42E-03
6003874129975	600387	4129975	5.68E-06	5.679	1.53E-03
6003974129975	600397	4129975	6.12E-06	6.119	1.64E-03
6004074129975	600407	4129975	6.64E-06	6.640	1.78E-03
6004174129975	600417	4129975	7.24E-06	7.240	1.95E-03
6004274129975	600427	4129975	7.97E-06	7.972	2.14E-03
6004374129975	600437	4129975	8.86E-06	8.863	2.38E-03
6004474129975	600447	4129975	9.98E-06	9.976	2.68E-03
6004574129975	600457	4129975	1.14E-05	11.441	3.07E-03
6004674129975	600467	4129975	1.35E-05	13.534	3.64E-03
6004774129975	600477	4129975	1.71E-05	17.109	4.60E-03
6004874129975	600487	4129975	2.46E-05	24.582	6.61E-03
6006074129975	600607	4129975	4.36E-05	43.607	1.17E-02
6006174129975	600617	4129975	3.92E-05	39.161	1.05E-02
6006274129975	600627	4129975	3.29E-05	32.936	8.85E-03
6006374129975	600637	4129975	2.91E-05	29.117	7.82E-03
6006474129975	600647	4129975	2.59E-05	25.907	6.96E-03
6006574129975	600657	4129975	2.47E-05	24.744	6.65E-03
6006674129975	600667	4129975	2.13E-05	21.318	5.73E-03
6006774129975	600677	4129975	1.87E-05	18.730	5.03E-03
6006874129975	600687	4129975	1.66E-05	16.616	4.46E-03
6006974129975	600697	4129975	1.49E-05	14.869	4.00E-03

6007074129975	600707	4129975	1.34E-05	13.373	3.59E-03
6007174129975	600717	4129975	1.22E-05	12.151	3.27E-03
6007274129975	600727	4129975	1.11E-05	11.100	2.98E-03
6007374129975	600737	4129975	1.02E-05	10.173	2.73E-03
6007474129975	600747	4129975	9.37E-06	9.366	2.52E-03
6007574129975	600757	4129975	8.65E-06	8.654	2.33E-03
6007674129975	600767	4129975	8.02E-06	8.019	2.15E-03
6007774129975	600777	4129975	7.46E-06	7.456	2.00E-03
6007874129975	600787	4129975	6.95E-06	6.952	1.87E-03
6007974129975	600797	4129975	6.50E-06	6.502	1.75E-03
6008074129975	600807	4129975	6.10E-06	6.096	1.64E-03
6008174129975	600817	4129975	5.73E-06	5.727	1.54E-03
6008274129975	600827	4129975	5.39E-06	5.389	1.45E-03
6008374129975	600837	4129975	5.09E-06	5.088	1.37E-03
6008474129975	600847	4129975	4.81E-06	4.811	1.29E-03
6008574129975	600857	4129975	4.55E-06	4.553	1.22E-03
6008674129975	600867	4129975	4.32E-06	4.318	1.16E-03
6008774129975	600877	4129975	4.10E-06	4.100	1.10E-03
6008874129975	600887	4129975	3.90E-06	3.898	1.05E-03
6008974129975	600897	4129975	3.71E-06	3.712	9.97E-04
6009074129975	600907	4129975	3.54E-06	3.540	9.51E-04
6009174129975	600917	4129975	3.38E-06	3.379	9.08E-04
6001674129985	600167	4129985	2.00E-06	1.996	5.36E-04
6001774129985	600177	4129985	2.15E-06	2.151	5.78E-04
6001874129985	600187	4129985	2.33E-06	2.327	6.25E-04
6001974129985	600197	4129985	2.53E-06	2.527	6.79E-04
6002074129985	600207	4129985	2.75E-06	2.746	7.38E-04
6002174129985	600217	4129985	2.97E-06	2.974	7.99E-04
6002274129985	600227	4129985	3.19E-06	3.192	8.58E-04
6002374129985	600237	4129985	3.38E-06	3.376	9.07E-04
6002474129985	600247	4129985	3.54E-06	3.535	9.50E-04
6002574129985	600257	4129985	3.69E-06	3.693	9.92E-04
6002674129985	600267	4129985	3.85E-06	3.850	1.03E-03
6002774129985	600277	4129985	3.99E-06	3.989	1.07E-03
6002874129985	600287	4129985	4.11E-06	4.112	1.11E-03
6002974129985	600297	4129985	4.23E-06	4.230	1.14E-03
6003074129985	600307	4129985	4.35E-06	4.352	1.17E-03
6003174129985	600317	4129985	4.49E-06	4.491	1.21E-03
6003274129985	600327	4129985	4.65E-06	4.653	1.25E-03
6003374129985	600337	4129985	4.85E-06	4.847	1.30E-03
6003474129985	600347	4129985	5.08E-06	5.081	1.37E-03
6003574129985	600357	4129985	5.36E-06	5.360	1.44E-03
6003674129985	600367	4129985	5.69E-06	5.692	1.53E-03
6003774129985	600377	4129985	6.10E-06	6.095	1.64E-03
6003874129985	600387	4129985	6.58E-06	6.578	1.77E-03
6003974129985	600397	4129985	7.15E-06	7.153	1.92E-03
6004074129985	600407	4129985	7.84E-06	7.838	2.11E-03
6004174129985	600417	4129985	8.67E-06	8.665	2.33E-03
6004274129985	600427	4129985	9.65E-06	9.646	2.59E-03
6004374129985	600437	4129985	1.08E-05	10.827	2.91E-03
6004474129985	600447	4129985	1.23E-05	12.264	3.30E-03
6004574129985	600457	4129985	1.40E-05	14.036	3.77E-03
6004674129985	600467	4129985	1.63E-05	16.265	4.37E-03
6004774129985	600477	4129985	1.98E-05	19.785	5.32E-03
6005974129985	600597	4129985	4.51E-05	45.066	1.21E-02

6006074129985	600607	4129985	3.89E-05	38.882	1.04E-02
6006174129985	600617	4129985	3.42E-05	34.228	9.20E-03
6006274129985	600627	4129985	3.10E-05	30.998	8.33E-03
6006374129985	600637	4129985	2.61E-05	26.137	7.02E-03
6006474129985	600647	4129985	2.26E-05	22.617	6.08E-03
6006574129985	600657	4129985	2.11E-05	21.105	5.67E-03
6006674129985	600667	4129985	2.12E-05	21.151	5.68E-03
6006774129985	600677	4129985	1.83E-05	18.267	4.91E-03
6006874129985	600687	4129985	1.61E-05	16.098	4.33E-03
6006974129985	600697	4129985	1.43E-05	14.345	3.85E-03
6007074129985	600707	4129985	1.29E-05	12.880	3.46E-03
6007174129985	600717	4129985	1.17E-05	11.687	3.14E-03
6007274129985	600727	4129985	1.07E-05	10.655	2.86E-03
6007374129985	600737	4129985	9.76E-06	9.761	2.62E-03
6007474129985	600747	4129985	8.99E-06	8.991	2.42E-03
6007574129985	600757	4129985	8.31E-06	8.309	2.23E-03
6007674129985	600767	4129985	7.70E-06	7.703	2.07E-03
6007774129985	600777	4129985	7.17E-06	7.166	1.93E-03
6007874129985	600787	4129985	6.69E-06	6.686	1.80E-03
6007974129985	600797	4129985	6.25E-06	6.253	1.68E-03
6008074129985	600807	4129985	5.86E-06	5.865	1.58E-03
6008174129985	600817	4129985	5.51E-06	5.511	1.48E-03
6008274129985	600827	4129985	5.20E-06	5.195	1.40E-03
6008374129985	600837	4129985	4.90E-06	4.905	1.32E-03
6008474129985	600847	4129985	4.64E-06	4.638	1.25E-03
6008574129985	600857	4129985	4.39E-06	4.391	1.18E-03
6008674129985	600867	4129985	4.16E-06	4.163	1.12E-03
6008774129985	600877	4129985	3.95E-06	3.955	1.06E-03
6008874129985	600887	4129985	3.76E-06	3.763	1.01E-03
6008974129985	600897	4129985	3.58E-06	3.583	9.63E-04
6009074129985	600907	4129985	3.42E-06	3.416	9.18E-04
6009174129985	600917	4129985	3.26E-06	3.260	8.76E-04
6001674129995	600167	4129995	2.20E-06	2.197	5.90E-04
6001774129995	600177	4129995	2.39E-06	2.390	6.42E-04
6001874129995	600187	4129995	2.62E-06	2.617	7.03E-04
6001974129995	600197	4129995	2.88E-06	2.883	7.75E-04
6002074129995	600207	4129995	3.19E-06	3.193	8.58E-04
6002174129995	600217	4129995	3.53E-06	3.533	9.49E-04
6002274129995	600227	4129995	3.87E-06	3.875	1.04E-03
6002374129995	600237	4129995	4.17E-06	4.168	1.12E-03
6002474129995	600247	4129995	4.40E-06	4.401	1.18E-03
6002574129995	600257	4129995	4.60E-06	4.595	1.23E-03
6002674129995	600267	4129995	4.72E-06	4.717	1.27E-03
6002774129995	600277	4129995	4.78E-06	4.781	1.28E-03
6002874129995	600287	4129995	4.83E-06	4.832	1.30E-03
6002974129995	600297	4129995	4.89E-06	4.891	1.31E-03
6003074129995	600307	4129995	4.98E-06	4.975	1.34E-03
6003174129995	600317	4129995	5.09E-06	5.094	1.37E-03
6003274129995	600327	4129995	5.25E-06	5.255	1.41E-03
6003374129995	600337	4129995	5.46E-06	5.464	1.47E-03
6003474129995	600347	4129995	5.73E-06	5.731	1.54E-03
6003574129995	600357	4129995	6.06E-06	6.061	1.63E-03
6003674129995	600367	4129995	6.47E-06	6.468	1.74E-03
6003774129995	600377	4129995	6.97E-06	6.966	1.87E-03
6003874129995	600387	4129995	7.58E-06	7.582	2.04E-03

6003974129995	600397	4129995	8.33E-06	8.330	2.24E-03
6004074129995	600407	4129995	9.24E-06	9.245	2.48E-03
6004174129995	600417	4129995	1.04E-05	10.368	2.79E-03
6004274129995	600427	4129995	1.18E-05	11.768	3.16E-03
6004374129995	600437	4129995	1.35E-05	13.473	3.62E-03
6004474129995	600447	4129995	1.56E-05	15.552	4.18E-03
6004574129995	600457	4129995	1.80E-05	18.003	4.84E-03
6004674129995	600467	4129995	2.09E-05	20.909	5.62E-03
6004774129995	600477	4129995	2.39E-05	23.899	6.42E-03
6005974129995	600597	4129995	3.96E-05	39.573	1.06E-02
6006074129995	600607	4129995	3.38E-05	33.760	9.07E-03
6006174129995	600617	4129995	2.95E-05	29.472	7.92E-03
6006274129995	600627	4129995	2.64E-05	26.441	7.11E-03
6006374129995	600637	4129995	2.45E-05	24.496	6.58E-03
6006474129995	600647	4129995	2.08E-05	20.834	5.60E-03
6006574129995	600657	4129995	1.91E-05	19.135	5.14E-03
6006674129995	600667	4129995	1.78E-05	17.773	4.78E-03
6006774129995	600677	4129995	1.84E-05	18.382	4.94E-03
6006874129995	600687	4129995	1.59E-05	15.867	4.26E-03
6006974129995	600697	4129995	1.40E-05	13.951	3.75E-03
6007074129995	600707	4129995	1.25E-05	12.474	3.35E-03
6007174129995	600717	4129995	1.13E-05	11.270	3.03E-03
6007274129995	600727	4129995	1.03E-05	10.253	2.76E-03
6007374129995	600737	4129995	9.39E-06	9.386	2.52E-03
6007474129995	600747	4129995	8.64E-06	8.640	2.32E-03
6007574129995	600757	4129995	7.98E-06	7.984	2.15E-03
6007674129995	600767	4129995	7.40E-06	7.401	1.99E-03
6007774129995	600777	4129995	6.89E-06	6.886	1.85E-03
6007874129995	600787	4129995	6.42E-06	6.423	1.73E-03
6007974129995	600797	4129995	6.01E-06	6.014	1.62E-03
6008074129995	600807	4129995	5.64E-06	5.643	1.52E-03
6008174129995	600817	4129995	5.31E-06	5.308	1.43E-03
6008274129995	600827	4129995	5.01E-06	5.005	1.34E-03
6008374129995	600837	4129995	4.73E-06	4.725	1.27E-03
6008474129995	600847	4129995	4.47E-06	4.468	1.20E-03
6008574129995	600857	4129995	4.23E-06	4.231	1.14E-03
6008674129995	600867	4129995	4.01E-06	4.011	1.08E-03
6008774129995	600877	4129995	3.81E-06	3.810	1.02E-03
6008874129995	600887	4129995	3.63E-06	3.625	9.74E-04
6008974129995	600897	4129995	3.45E-06	3.453	9.28E-04
6009074129995	600907	4129995	3.29E-06	3.292	8.84E-04
6009174129995	600917	4129995	3.14E-06	3.142	8.44E-04
6001674130005	600167	4130005	2.43E-06	2.428	6.52E-04
6001774130005	600177	4130005	2.67E-06	2.674	7.19E-04
6001874130005	600187	4130005	2.97E-06	2.972	7.99E-04
6001974130005	600197	4130005	3.34E-06	3.337	8.97E-04
6002074130005	600207	4130005	3.79E-06	3.793	1.02E-03
6002174130005	600217	4130005	4.36E-06	4.357	1.17E-03
6002274130005	600227	4130005	5.05E-06	5.049	1.36E-03
6002374130005	600237	4130005	5.75E-06	5.749	1.54E-03
6002474130005	600247	4130005	6.15E-06	6.147	1.65E-03
6002574130005	600257	4130005	6.14E-06	6.144	1.65E-03
6002674130005	600267	4130005	5.96E-06	5.961	1.60E-03
6002774130005	600277	4130005	5.79E-06	5.789	1.56E-03
6002874130005	600287	4130005	5.68E-06	5.677	1.53E-03

6002974130005	600297	4130005	5.63E-06	5.630	1.51E-03
6003074130005	600307	4130005	5.65E-06	5.649	1.52E-03
6003174130005	600317	4130005	5.73E-06	5.734	1.54E-03
6003274130005	600327	4130005	5.89E-06	5.886	1.58E-03
6003374130005	600337	4130005	6.11E-06	6.108	1.64E-03
6003474130005	600347	4130005	6.41E-06	6.408	1.72E-03
6003574130005	600357	4130005	6.79E-06	6.793	1.83E-03
6003674130005	600367	4130005	7.28E-06	7.280	1.96E-03
6003774130005	600377	4130005	7.89E-06	7.886	2.12E-03
6003874130005	600387	4130005	8.65E-06	8.649	2.32E-03
6003974130005	600397	4130005	9.60E-06	9.597	2.58E-03
6004074130005	600407	4130005	1.08E-05	10.787	2.90E-03
6004174130005	600417	4130005	1.23E-05	12.296	3.30E-03
6004274130005	600427	4130005	1.42E-05	14.235	3.83E-03
6004374130005	600437	4130005	1.67E-05	16.733	4.50E-03
6004474130005	600447	4130005	1.99E-05	19.945	5.36E-03
6004574130005	600457	4130005	2.41E-05	24.128	6.48E-03
6004674130005	600467	4130005	2.95E-05	29.510	7.93E-03
6004774130005	600477	4130005	3.46E-05	34.601	9.30E-03
6005874130005	600587	4130005	3.95E-05	39.499	1.06E-02
6005974130005	600597	4130005	3.32E-05	33.168	8.91E-03
6006074130005	600607	4130005	2.84E-05	28.406	7.63E-03
6006174130005	600617	4130005	2.49E-05	24.874	6.68E-03
6006274130005	600627	4130005	2.23E-05	22.344	6.00E-03
6006374130005	600637	4130005	2.06E-05	20.607	5.54E-03
6006474130005	600647	4130005	1.96E-05	19.553	5.25E-03
6006574130005	600657	4130005	1.79E-05	17.907	4.81E-03
6006674130005	600667	4130005	1.59E-05	15.921	4.28E-03
6006774130005	600677	4130005	1.47E-05	14.696	3.95E-03
6006874130005	600687	4130005	1.63E-05	16.305	4.38E-03
6006974130005	600697	4130005	1.40E-05	13.985	3.76E-03
6007074130005	600707	4130005	1.23E-05	12.295	3.30E-03
6007174130005	600717	4130005	1.10E-05	10.998	2.96E-03
6007274130005	600727	4130005	9.97E-06	9.968	2.68E-03
6007374130005	600737	4130005	9.10E-06	9.098	2.44E-03
6007474130005	600747	4130005	8.35E-06	8.355	2.25E-03
6007574130005	600757	4130005	7.71E-06	7.706	2.07E-03
6007674130005	600767	4130005	7.14E-06	7.136	1.92E-03
6007774130005	600777	4130005	6.63E-06	6.635	1.78E-03
6007874130005	600787	4130005	6.19E-06	6.189	1.66E-03
6007974130005	600797	4130005	5.80E-06	5.795	1.56E-03
6008074130005	600807	4130005	5.44E-06	5.439	1.46E-03
6008174130005	600817	4130005	5.12E-06	5.118	1.38E-03
6008274130005	600827	4130005	4.82E-06	4.823	1.30E-03
6008374130005	600837	4130005	4.55E-06	4.552	1.22E-03
6008474130005	600847	4130005	4.30E-06	4.303	1.16E-03
6008574130005	600857	4130005	4.07E-06	4.074	1.09E-03
6008674130005	600867	4130005	3.86E-06	3.862	1.04E-03
6008774130005	600877	4130005	3.67E-06	3.666	9.85E-04
6008874130005	600887	4130005	3.49E-06	3.487	9.37E-04
6008974130005	600897	4130005	3.32E-06	3.320	8.92E-04
6009074130005	600907	4130005	3.17E-06	3.167	8.51E-04
6009174130005	600917	4130005	3.02E-06	3.024	8.13E-04
6001674130015	600167	4130015	2.69E-06	2.692	7.23E-04
6001774130015	600177	4130015	3.01E-06	3.012	8.09E-04

6001874130015	600187	4130015	3.41E-06	3.412	9.17E-04
6001974130015	600197	4130015	3.93E-06	3.928	1.06E-03
6002074130015	600207	4130015	4.63E-06	4.632	1.24E-03
6002174130015	600217	4130015	5.69E-06	5.692	1.53E-03
6002274130015	600227	4130015	6.24E-06	6.239	1.68E-03
6002374130015	600237	4130015	6.13E-06	6.130	1.65E-03
6002474130015	600247	4130015	7.98E-06	7.982	2.14E-03
6002574130015	600257	4130015	8.55E-06	8.552	2.30E-03
6002674130015	600267	4130015	7.57E-06	7.570	2.03E-03
6002774130015	600277	4130015	6.97E-06	6.972	1.87E-03
6002874130015	600287	4130015	6.61E-06	6.614	1.78E-03
6002974130015	600297	4130015	6.42E-06	6.418	1.72E-03
6003074130015	600307	4130015	6.35E-06	6.352	1.71E-03
6003174130015	600317	4130015	6.40E-06	6.397	1.72E-03
6003274130015	600327	4130015	6.53E-06	6.534	1.76E-03
6003374130015	600337	4130015	6.76E-06	6.763	1.82E-03
6003474130015	600347	4130015	7.09E-06	7.093	1.91E-03
6003574130015	600357	4130015	7.53E-06	7.532	2.02E-03
6003674130015	600367	4130015	8.10E-06	8.099	2.18E-03
6003774130015	600377	4130015	8.81E-06	8.815	2.37E-03
6003874130015	600387	4130015	9.71E-06	9.714	2.61E-03
6003974130015	600397	4130015	1.09E-05	10.865	2.92E-03
6004074130015	600407	4130015	1.23E-05	12.335	3.31E-03
6004174130015	600417	4130015	1.42E-05	14.239	3.83E-03
6004274130015	600427	4130015	1.68E-05	16.754	4.50E-03
6004374130015	600437	4130015	2.01E-05	20.104	5.40E-03
6004474130015	600447	4130015	2.47E-05	24.652	6.62E-03
6004574130015	600457	4130015	3.14E-05	31.384	8.43E-03
6004674130015	600467	4130015	4.11E-05	41.055	1.10E-02
6004774130015	600477	4130015	5.54E-05	55.439	1.49E-02
6004874130015	600487	4130015	7.31E-05	73.120	1.96E-02
6004974130015	600497	4130015	3.42E-05	34.166	9.18E-03
6005774130015	600577	4130015	3.74E-05	37.395	1.00E-02
6005874130015	600587	4130015	3.15E-05	31.450	8.45E-03
6005974130015	600597	4130015	2.68E-05	26.778	7.20E-03
6006074130015	600607	4130015	2.33E-05	23.253	6.25E-03
6006174130015	600617	4130015	2.06E-05	20.621	5.54E-03
6006274130015	600627	4130015	1.86E-05	18.618	5.00E-03
6006374130015	600637	4130015	1.72E-05	17.227	4.63E-03
6006474130015	600647	4130015	1.63E-05	16.291	4.38E-03
6006574130015	600657	4130015	1.59E-05	15.866	4.26E-03
6006674130015	600667	4130015	1.61E-05	16.119	4.33E-03
6006774130015	600677	4130015	1.33E-05	13.296	3.57E-03
6006874130015	600687	4130015	1.30E-05	12.989	3.49E-03
6006974130015	600697	4130015	1.31E-05	13.140	3.53E-03
6007074130015	600707	4130015	1.26E-05	12.584	3.38E-03
6007174130015	600717	4130015	1.10E-05	11.024	2.96E-03
6007274130015	600727	4130015	9.88E-06	9.877	2.65E-03
6007374130015	600737	4130015	8.95E-06	8.946	2.40E-03
6007474130015	600747	4130015	8.16E-06	8.165	2.19E-03
6007574130015	600757	4130015	7.50E-06	7.500	2.02E-03
6007674130015	600767	4130015	6.93E-06	6.929	1.86E-03
6007774130015	600777	4130015	6.43E-06	6.430	1.73E-03
6007874130015	600787	4130015	6.00E-06	5.996	1.61E-03
6007974130015	600797	4130015	5.61E-06	5.610	1.51E-03

6008074130015	600807	4130015	5.26E-06	5.260	1.41E-03
6008174130015	600817	4130015	4.94E-06	4.942	1.33E-03
6008274130015	600827	4130015	4.65E-06	4.650	1.25E-03
6008374130015	600837	4130015	4.38E-06	4.384	1.18E-03
6008474130015	600847	4130015	4.14E-06	4.141	1.11E-03
6008574130015	600857	4130015	3.92E-06	3.917	1.05E-03
6008674130015	600867	4130015	3.71E-06	3.711	9.97E-04
6008774130015	600877	4130015	3.52E-06	3.523	9.47E-04
6008874130015	600887	4130015	3.35E-06	3.349	9.00E-04
6008974130015	600897	4130015	3.19E-06	3.188	8.57E-04
6009074130015	600907	4130015	3.04E-06	3.041	8.17E-04
6009174130015	600917	4130015	2.91E-06	2.905	7.81E-04
6001674130025	600167	4130025	3.00E-06	3.002	8.07E-04
6001774130025	600177	4130025	3.42E-06	3.416	9.18E-04
6001874130025	600187	4130025	3.96E-06	3.963	1.06E-03
6001974130025	600197	4130025	4.70E-06	4.702	1.26E-03
6002074130025	600207	4130025	5.84E-06	5.837	1.57E-03
6002174130025	600217	4130025	5.76E-06	5.764	1.55E-03
6002274130025	600227	4130025	7.41E-06	7.410	1.99E-03
6002374130025	600237	4130025	7.21E-06	7.214	1.94E-03
6002474130025	600247	4130025	8.41E-06	8.409	2.26E-03
6002574130025	600257	4130025	7.72E-06	7.718	2.07E-03
6002674130025	600267	4130025	9.47E-06	9.466	2.54E-03
6002774130025	600277	4130025	8.31E-06	8.309	2.23E-03
6002874130025	600287	4130025	7.64E-06	7.644	2.05E-03
6002974130025	600297	4130025	7.26E-06	7.262	1.95E-03
6003074130025	600307	4130025	7.09E-06	7.087	1.90E-03
6003174130025	600317	4130025	7.07E-06	7.070	1.90E-03
6003274130025	600327	4130025	7.19E-06	7.186	1.93E-03
6003374130025	600337	4130025	7.42E-06	7.420	1.99E-03
6003474130025	600347	4130025	7.77E-06	7.769	2.09E-03
6003574130025	600357	4130025	8.25E-06	8.249	2.22E-03
6003674130025	600367	4130025	8.88E-06	8.881	2.39E-03
6003774130025	600377	4130025	9.69E-06	9.689	2.60E-03
6003874130025	600387	4130025	1.07E-05	10.709	2.88E-03
6003974130025	600397	4130025	1.20E-05	12.018	3.23E-03
6004074130025	600407	4130025	1.37E-05	13.715	3.69E-03
6004174130025	600417	4130025	1.59E-05	15.918	4.28E-03
6004274130025	600427	4130025	1.88E-05	18.844	5.06E-03
6004374130025	600437	4130025	2.27E-05	22.739	6.11E-03
6004474130025	600447	4130025	2.82E-05	28.222	7.58E-03
6004574130025	600457	4130025	3.62E-05	36.208	9.73E-03
6004674130025	600467	4130025	4.78E-05	47.795	1.28E-02
6004774130025	600477	4130025	6.45E-05	64.471	1.73E-02
6004874130025	600487	4130025	8.21E-05	82.146	2.21E-02
6004974130025	600497	4130025	6.68E-05	66.797	1.79E-02
6005074130025	600507	4130025	3.70E-05	36.989	9.94E-03
6005674130025	600567	4130025	3.25E-05	32.485	8.73E-03
6005774130025	600577	4130025	2.80E-05	27.952	7.51E-03
6005874130025	600587	4130025	2.41E-05	24.080	6.47E-03
6005974130025	600597	4130025	2.10E-05	21.026	5.65E-03
6006074130025	600607	4130025	1.86E-05	18.641	5.01E-03
6006174130025	600617	4130025	1.68E-05	16.839	4.52E-03
6006274130025	600627	4130025	1.54E-05	15.407	4.14E-03
6006374130025	600637	4130025	1.44E-05	14.356	3.86E-03

6006474130025	600647	4130025	1.36E-05	13.638	3.66E-03
6006574130025	600657	4130025	1.33E-05	13.264	3.56E-03
6006674130025	600667	4130025	1.32E-05	13.248	3.56E-03
6006774130025	600677	4130025	1.38E-05	13.762	3.70E-03
6006874130025	600687	4130025	1.15E-05	11.486	3.09E-03
6006974130025	600697	4130025	1.10E-05	11.048	2.97E-03
6007074130025	600707	4130025	1.06E-05	10.603	2.85E-03
6007174130025	600717	4130025	1.16E-05	11.640	3.13E-03
6007274130025	600727	4130025	1.01E-05	10.126	2.72E-03
6007374130025	600737	4130025	9.01E-06	9.010	2.42E-03
6007474130025	600747	4130025	8.13E-06	8.133	2.19E-03
6007574130025	600757	4130025	7.40E-06	7.404	1.99E-03
6007674130025	600767	4130025	6.80E-06	6.803	1.83E-03
6007774130025	600777	4130025	6.29E-06	6.294	1.69E-03
6007874130025	600787	4130025	5.85E-06	5.850	1.57E-03
6007974130025	600797	4130025	5.46E-06	5.456	1.47E-03
6008074130025	600807	4130025	5.10E-06	5.099	1.37E-03
6008174130025	600817	4130025	4.78E-06	4.776	1.28E-03
6008274130025	600827	4130025	4.48E-06	4.484	1.20E-03
6008374130025	600837	4130025	4.22E-06	4.220	1.13E-03
6008474130025	600847	4130025	3.98E-06	3.981	1.07E-03
6008574130025	600857	4130025	3.76E-06	3.762	1.01E-03
6008674130025	600867	4130025	3.56E-06	3.562	9.57E-04
6008774130025	600877	4130025	3.38E-06	3.378	9.08E-04
6008874130025	600887	4130025	3.21E-06	3.212	8.63E-04
6008974130025	600897	4130025	3.06E-06	3.058	8.22E-04
6009074130025	600907	4130025	2.92E-06	2.918	7.84E-04
6009174130025	600917	4130025	2.79E-06	2.787	7.49E-04
6001674130035	600167	4130035	3.36E-06	3.365	9.04E-04
6001774130035	600177	4130035	3.91E-06	3.906	1.05E-03
6001874130035	600187	4130035	4.65E-06	4.646	1.25E-03
6001974130035	600197	4130035	5.73E-06	5.732	1.54E-03
6002074130035	600207	4130035	6.61E-06	6.614	1.78E-03
6002174130035	600217	4130035	7.03E-06	7.035	1.89E-03
6002274130035	600227	4130035	8.20E-06	8.198	2.20E-03
6002374130035	600237	4130035	1.09E-05	10.882	2.92E-03
6002474130035	600247	4130035	8.33E-06	8.329	2.24E-03
6002574130035	600257	4130035	8.18E-06	8.178	2.20E-03
6002674130035	600267	4130035	8.36E-06	8.365	2.25E-03
6002774130035	600277	4130035	1.00E-05	10.039	2.70E-03
6002874130035	600287	4130035	8.86E-06	8.859	2.38E-03
6002974130035	600297	4130035	8.22E-06	8.216	2.21E-03
6003074130035	600307	4130035	7.89E-06	7.892	2.12E-03
6003174130035	600317	4130035	7.79E-06	7.787	2.09E-03
6003274130035	600327	4130035	7.85E-06	7.848	2.11E-03
6003374130035	600337	4130035	8.06E-06	8.064	2.17E-03
6003474130035	600347	4130035	8.43E-06	8.426	2.26E-03
6003574130035	600357	4130035	8.93E-06	8.929	2.40E-03
6003674130035	600367	4130035	9.60E-06	9.598	2.58E-03
6003774130035	600377	4130035	1.05E-05	10.462	2.81E-03
6003874130035	600387	4130035	1.16E-05	11.563	3.11E-03
6003974130035	600397	4130035	1.30E-05	12.969	3.49E-03
6004074130035	600407	4130035	1.48E-05	14.775	3.97E-03
6004174130035	600417	4130035	1.71E-05	17.100	4.60E-03
6004274130035	600427	4130035	2.01E-05	20.138	5.41E-03



6004374130035	600437	4130035	2.41E-05	24.108	6.48E-03
6004474130035	600447	4130035	2.96E-05	29.553	7.94E-03
6004574130035	600457	4130035	3.68E-05	36.834	9.90E-03
6004674130035	600467	4130035	4.62E-05	46.228	1.24E-02
6004774130035	600477	4130035	5.65E-05	56.509	1.52E-02
6004874130035	600487	4130035	6.14E-05	61.434	1.65E-02
6004974130035	600497	4130035	5.26E-05	52.589	1.41E-02
6005074130035	600507	4130035	3.98E-05	39.805	1.07E-02
6005174130035	600517	4130035	3.24E-05	32.353	8.69E-03
6005574130035	600557	4130035	2.56E-05	25.637	6.89E-03
6005674130035	600567	4130035	2.30E-05	23.022	6.19E-03
6005774130035	600577	4130035	2.04E-05	20.440	5.49E-03
6005874130035	600587	4130035	1.82E-05	18.228	4.90E-03
6005974130035	600597	4130035	1.64E-05	16.352	4.39E-03
6006074130035	600607	4130035	1.48E-05	14.833	3.99E-03
6006174130035	600617	4130035	1.37E-05	13.671	3.67E-03
6006274130035	600627	4130035	1.27E-05	12.726	3.42E-03
6006374130035	600637	4130035	1.20E-05	12.003	3.23E-03
6006474130035	600647	4130035	1.15E-05	11.503	3.09E-03
6006574130035	600657	4130035	1.12E-05	11.231	3.02E-03
6006674130035	600667	4130035	1.12E-05	11.166	3.00E-03
6006774130035	600677	4130035	1.14E-05	11.373	3.06E-03
6006874130035	600687	4130035	1.20E-05	11.999	3.22E-03
6006974130035	600697	4130035	1.02E-05	10.159	2.73E-03
6007074130035	600707	4130035	9.01E-06	9.014	2.42E-03
6007174130035	600717	4130035	9.49E-06	9.487	2.55E-03
6007274130035	600727	4130035	1.10E-05	10.976	2.95E-03
6007374130035	600737	4130035	9.46E-06	9.462	2.54E-03
6007474130035	600747	4130035	8.32E-06	8.323	2.24E-03
6007574130035	600757	4130035	7.47E-06	7.468	2.01E-03
6007674130035	600767	4130035	6.79E-06	6.793	1.83E-03
6007774130035	600777	4130035	6.23E-06	6.234	1.68E-03
6007874130035	600787	4130035	5.75E-06	5.751	1.55E-03
6007974130035	600797	4130035	5.32E-06	5.323	1.43E-03
6008074130035	600807	4130035	4.95E-06	4.948	1.33E-03
6008174130035	600817	4130035	4.61E-06	4.615	1.24E-03
6008274130035	600827	4130035	4.32E-06	4.320	1.16E-03
6008374130035	600837	4130035	4.06E-06	4.056	1.09E-03
6008474130035	600847	4130035	3.82E-06	3.822	1.03E-03
6008574130035	600857	4130035	3.61E-06	3.610	9.70E-04
6008674130035	600867	4130035	3.42E-06	3.416	9.18E-04
6008774130035	600877	4130035	3.24E-06	3.239	8.70E-04
6008874130035	600887	4130035	3.08E-06	3.077	8.27E-04
6008974130035	600897	4130035	2.93E-06	2.930	7.87E-04
6009074130035	600907	4130035	2.80E-06	2.796	7.51E-04
6009174130035	600917	4130035	2.67E-06	2.670	7.18E-04
6001674130045	600167	4130045	3.79E-06	3.790	1.02E-03
6001774130045	600177	4130045	4.50E-06	4.504	1.21E-03
6001874130045	600187	4130045	5.53E-06	5.534	1.49E-03
6001974130045	600197	4130045	7.26E-06	7.262	1.95E-03
6002074130045	600207	4130045	6.82E-06	6.819	1.83E-03
6002174130045	600217	4130045	7.76E-06	7.755	2.08E-03
6002274130045	600227	4130045	1.02E-05	10.207	2.74E-03
6002374130045	600237	4130045	9.26E-06	9.264	2.49E-03
6002474130045	600247	4130045	9.44E-06	9.443	2.54E-03

6002574130045	600257	4130045	9.03E-06	9.031	2.43E-03
6002674130045	600267	4130045	8.12E-06	8.117	2.18E-03
6002774130045	600277	4130045	8.13E-06	8.134	2.19E-03
6002874130045	600287	4130045	1.06E-05	10.640	2.86E-03
6002974130045	600297	4130045	9.45E-06	9.450	2.54E-03
6003074130045	600307	4130045	8.86E-06	8.855	2.38E-03
6003174130045	600317	4130045	8.59E-06	8.585	2.31E-03
6003274130045	600327	4130045	8.55E-06	8.552	2.30E-03
6003374130045	600337	4130045	8.72E-06	8.716	2.34E-03
6003474130045	600347	4130045	9.05E-06	9.052	2.43E-03
6003574130045	600357	4130045	9.55E-06	9.554	2.57E-03
6003674130045	600367	4130045	1.02E-05	10.227	2.75E-03
6003774130045	600377	4130045	1.11E-05	11.101	2.98E-03
6003874130045	600387	4130045	1.22E-05	12.223	3.28E-03
6003974130045	600397	4130045	1.36E-05	13.640	3.67E-03
6004074130045	600407	4130045	1.54E-05	15.428	4.15E-03
6004174130045	600417	4130045	1.77E-05	17.683	4.75E-03
6004274130045	600427	4130045	2.05E-05	20.495	5.51E-03
6004374130045	600437	4130045	2.41E-05	24.139	6.49E-03
6004474130045	600447	4130045	2.87E-05	28.699	7.71E-03
6004574130045	600457	4130045	3.42E-05	34.191	9.19E-03
6004674130045	600467	4130045	4.01E-05	40.118	1.08E-02
6004774130045	600477	4130045	4.48E-05	44.805	1.20E-02
6004874130045	600487	4130045	4.53E-05	45.305	1.22E-02
6004974130045	600497	4130045	4.07E-05	40.701	1.09E-02
6005074130045	600507	4130045	3.47E-05	34.672	9.32E-03
6005174130045	600517	4130045	2.96E-05	29.647	7.97E-03
6005274130045	600527	4130045	2.59E-05	25.923	6.97E-03
6005474130045	600547	4130045	2.02E-05	20.191	5.43E-03
6005574130045	600557	4130045	1.84E-05	18.445	4.96E-03
6005674130045	600567	4130045	1.68E-05	16.844	4.53E-03
6005774130045	600577	4130045	1.54E-05	15.372	4.13E-03
6005874130045	600587	4130045	1.41E-05	14.069	3.78E-03
6005974130045	600597	4130045	1.29E-05	12.949	3.48E-03
6006074130045	600607	4130045	1.20E-05	12.009	3.23E-03
6006174130045	600617	4130045	1.12E-05	11.247	3.02E-03
6006274130045	600627	4130045	1.06E-05	10.620	2.85E-03
6006374130045	600637	4130045	1.01E-05	10.138	2.72E-03
6006474130045	600647	4130045	9.82E-06	9.817	2.64E-03
6006574130045	600657	4130045	9.64E-06	9.642	2.59E-03
6006674130045	600667	4130045	9.59E-06	9.590	2.58E-03
6006774130045	600677	4130045	9.70E-06	9.701	2.61E-03
6006874130045	600687	4130045	1.01E-05	10.050	2.70E-03
6006974130045	600697	4130045	1.08E-05	10.791	2.90E-03
6007074130045	600707	4130045	9.21E-06	9.209	2.47E-03
6007174130045	600717	4130045	9.16E-06	9.163	2.46E-03
6007274130045	600727	4130045	9.04E-06	9.036	2.43E-03
6007374130045	600737	4130045	1.05E-05	10.546	2.83E-03
6007474130045	600747	4130045	8.89E-06	8.891	2.39E-03
6007574130045	600757	4130045	7.76E-06	7.762	2.09E-03
6007674130045	600767	4130045	6.91E-06	6.912	1.86E-03
6007774130045	600777	4130045	6.23E-06	6.228	1.67E-03
6007874130045	600787	4130045	5.66E-06	5.664	1.52E-03
6007974130045	600797	4130045	5.19E-06	5.189	1.39E-03
6008074130045	600807	4130045	4.79E-06	4.790	1.29E-03

6008174130045	600817	4130045	4.45E-06	4.449	1.20E-03
6008274130045	600827	4130045	4.15E-06	4.151	1.12E-03
6008374130045	600837	4130045	3.89E-06	3.890	1.05E-03
6008474130045	600847	4130045	3.66E-06	3.661	9.84E-04
6008574130045	600857	4130045	3.46E-06	3.456	9.29E-04
6008674130045	600867	4130045	3.27E-06	3.271	8.79E-04
6008774130045	600877	4130045	3.10E-06	3.102	8.33E-04
6008874130045	600887	4130045	2.95E-06	2.947	7.92E-04
6008974130045	600897	4130045	2.80E-06	2.804	7.53E-04
6009074130045	600907	4130045	2.68E-06	2.675	7.19E-04
6001774130055	600177	4130055	5.27E-06	5.273	1.42E-03
6001874130055	600187	4130055	6.85E-06	6.846	1.84E-03
6001974130055	600197	4130055	6.54E-06	6.544	1.76E-03
6002074130055	600207	4130055	7.46E-06	7.459	2.00E-03
6002174130055	600217	4130055	8.73E-06	8.729	2.35E-03
6002274130055	600227	4130055	8.66E-06	8.656	2.33E-03
6002374130055	600237	4130055	8.19E-06	8.186	2.20E-03
6002474130055	600247	4130055	8.30E-06	8.296	2.23E-03
6002574130055	600257	4130055	8.94E-06	8.942	2.40E-03
6002674130055	600267	4130055	1.03E-05	10.297	2.77E-03
6002774130055	600277	4130055	8.32E-06	8.322	2.24E-03
6002874130055	600287	4130055	7.52E-06	7.521	2.02E-03
6002974130055	600297	4130055	9.90E-06	9.900	2.66E-03
6003074130055	600307	4130055	1.01E-05	10.139	2.72E-03
6003174130055	600317	4130055	9.54E-06	9.541	2.56E-03
6003274130055	600327	4130055	9.34E-06	9.338	2.51E-03
6003374130055	600337	4130055	9.40E-06	9.401	2.53E-03
6003474130055	600347	4130055	9.67E-06	9.667	2.60E-03
6003574130055	600357	4130055	1.01E-05	10.121	2.72E-03
6003674130055	600367	4130055	1.08E-05	10.763	2.89E-03
6003774130055	600377	4130055	1.16E-05	11.603	3.12E-03
6003874130055	600387	4130055	1.27E-05	12.672	3.41E-03
6003974130055	600397	4130055	1.40E-05	14.015	3.77E-03
6004074130055	600407	4130055	1.57E-05	15.676	4.21E-03
6004174130055	600417	4130055	1.77E-05	17.692	4.75E-03
6004274130055	600427	4130055	2.02E-05	20.154	5.42E-03
6004374130055	600437	4130055	2.31E-05	23.126	6.21E-03
6004474130055	600447	4130055	2.65E-05	26.517	7.13E-03
6004574130055	600457	4130055	3.02E-05	30.151	8.10E-03
6004674130055	600467	4130055	3.34E-05	33.380	8.97E-03
6004774130055	600477	4130055	3.52E-05	35.224	9.47E-03
6004874130055	600487	4130055	3.47E-05	34.676	9.32E-03
6004974130055	600497	4130055	3.21E-05	32.059	8.61E-03
6005074130055	600507	4130055	2.87E-05	28.727	7.72E-03
6005174130055	600517	4130055	2.54E-05	25.374	6.82E-03
6005274130055	600527	4130055	2.23E-05	22.283	5.99E-03
6005374130055	600537	4130055	1.93E-05	19.265	5.18E-03
6005474130055	600547	4130055	1.66E-05	16.626	4.47E-03
6005574130055	600557	4130055	1.48E-05	14.763	3.97E-03
6005674130055	600567	4130055	1.34E-05	13.401	3.60E-03
6005774130055	600577	4130055	1.23E-05	12.311	3.31E-03
6005874130055	600587	4130055	1.14E-05	11.403	3.06E-03
6005974130055	600597	4130055	1.06E-05	10.644	2.86E-03
6006074130055	600607	4130055	1.00E-05	10.006	2.69E-03
6006174130055	600617	4130055	9.47E-06	9.469	2.54E-03

6006274130055	600627	4130055	9.05E-06	9.051	2.43E-03
6006374130055	600637	4130055	8.74E-06	8.736	2.35E-03
6006474130055	600647	4130055	8.53E-06	8.527	2.29E-03
6006574130055	600657	4130055	8.42E-06	8.419	2.26E-03
6006674130055	600667	4130055	8.40E-06	8.401	2.26E-03
6006774130055	600677	4130055	8.49E-06	8.492	2.28E-03
6006874130055	600687	4130055	8.74E-06	8.743	2.35E-03
6006974130055	600697	4130055	9.21E-06	9.211	2.48E-03
6007074130055	600707	4130055	1.00E-05	10.007	2.69E-03
6007174130055	600717	4130055	9.82E-06	9.819	2.64E-03
6007274130055	600727	4130055	7.83E-06	7.831	2.10E-03
6007374130055	600737	4130055	8.36E-06	8.359	2.25E-03
6007474130055	600747	4130055	1.02E-05	10.162	2.73E-03
6007574130055	600757	4130055	8.31E-06	8.311	2.23E-03
6007674130055	600767	4130055	7.07E-06	7.072	1.90E-03
6007774130055	600777	4130055	6.19E-06	6.188	1.66E-03
6007874130055	600787	4130055	5.53E-06	5.534	1.49E-03
6007974130055	600797	4130055	5.02E-06	5.023	1.35E-03
6008074130055	600807	4130055	4.61E-06	4.611	1.24E-03
6008174130055	600817	4130055	4.27E-06	4.267	1.15E-03
6008274130055	600827	4130055	3.97E-06	3.974	1.07E-03
6008374130055	600837	4130055	3.72E-06	3.721	1.00E-03
6008474130055	600847	4130055	3.50E-06	3.498	9.40E-04
6008574130055	600857	4130055	3.30E-06	3.300	8.87E-04
6008674130055	600867	4130055	3.12E-06	3.124	8.39E-04
6008774130055	600877	4130055	2.96E-06	2.965	7.97E-04
6008874130055	600887	4130055	2.82E-06	2.819	7.57E-04
6008974130055	600897	4130055	2.68E-06	2.683	7.21E-04
6009074130055	600907	4130055	2.56E-06	2.559	6.88E-04
6001774130065	600177	4130065	6.40E-06	6.398	1.72E-03
6001874130065	600187	4130065	6.10E-06	6.099	1.64E-03
6001974130065	600197	4130065	5.96E-06	5.964	1.60E-03
6002074130065	600207	4130065	8.84E-06	8.840	2.38E-03
6002174130065	600217	4130065	8.40E-06	8.400	2.26E-03
6002274130065	600227	4130065	7.61E-06	7.615	2.05E-03
6002374130065	600237	4130065	7.34E-06	7.345	1.97E-03
6002474130065	600247	4130065	7.46E-06	7.462	2.01E-03
6002574130065	600257	4130065	7.92E-06	7.923	2.13E-03
6002674130065	600267	4130065	8.76E-06	8.762	2.35E-03
6002774130065	600277	4130065	1.01E-05	10.129	2.72E-03
6002874130065	600287	4130065	8.43E-06	8.432	2.27E-03
6002974130065	600297	4130065	8.83E-06	8.831	2.37E-03
6003074130065	600307	4130065	1.02E-05	10.238	2.75E-03
6003174130065	600317	4130065	1.09E-05	10.871	2.92E-03
6003274130065	600327	4130065	1.03E-05	10.312	2.77E-03
6003374130065	600337	4130065	1.02E-05	10.168	2.73E-03
6003474130065	600347	4130065	1.03E-05	10.303	2.77E-03
6003574130065	600357	4130065	1.07E-05	10.656	2.86E-03
6003674130065	600367	4130065	1.12E-05	11.204	3.01E-03
6003774130065	600377	4130065	1.20E-05	11.959	3.21E-03
6003874130065	600387	4130065	1.29E-05	12.925	3.47E-03
6003974130065	600397	4130065	1.41E-05	14.124	3.80E-03
6004074130065	600407	4130065	1.56E-05	15.571	4.18E-03
6004174130065	600417	4130065	1.73E-05	17.259	4.64E-03
6004274130065	600427	4130065	1.93E-05	19.282	5.18E-03

6004374130065	600437	4130065	2.15E-05	21.509	5.78E-03
6004474130065	600447	4130065	2.38E-05	23.846	6.41E-03
6004574130065	600457	4130065	2.60E-05	26.029	6.99E-03
6004674130065	600467	4130065	2.76E-05	27.634	7.43E-03
6004774130065	600477	4130065	2.82E-05	28.194	7.58E-03
6004874130065	600487	4130065	2.74E-05	27.441	7.37E-03
6004974130065	600497	4130065	2.58E-05	25.754	6.92E-03
6005074130065	600507	4130065	2.36E-05	23.628	6.35E-03
6005174130065	600517	4130065	2.12E-05	21.217	5.70E-03
6005274130065	600527	4130065	1.87E-05	18.693	5.02E-03
6005374130065	600537	4130065	1.62E-05	16.226	4.36E-03
6005474130065	600547	4130065	1.41E-05	14.134	3.80E-03
6005574130065	600557	4130065	1.25E-05	12.544	3.37E-03
6005674130065	600567	4130065	1.14E-05	11.351	3.05E-03
6005774130065	600577	4130065	1.04E-05	10.432	2.80E-03
6005874130065	600587	4130065	9.70E-06	9.701	2.61E-03
6005974130065	600597	4130065	9.11E-06	9.112	2.45E-03
6006074130065	600607	4130065	8.63E-06	8.630	2.32E-03
6006174130065	600617	4130065	8.23E-06	8.229	2.21E-03
6006274130065	600627	4130065	7.93E-06	7.926	2.13E-03
6006374130065	600637	4130065	7.71E-06	7.709	2.07E-03
6006474130065	600647	4130065	7.57E-06	7.572	2.03E-03
6006574130065	600657	4130065	7.51E-06	7.513	2.02E-03
6006674130065	600667	4130065	7.53E-06	7.531	2.02E-03
6006774130065	600677	4130065	7.64E-06	7.644	2.05E-03
6006874130065	600687	4130065	7.88E-06	7.879	2.12E-03
6006974130065	600697	4130065	8.27E-06	8.266	2.22E-03
6007074130065	600707	4130065	8.88E-06	8.885	2.39E-03
6007174130065	600717	4130065	9.82E-06	9.820	2.64E-03
6007274130065	600727	4130065	1.01E-05	10.114	2.72E-03
6007374130065	600737	4130065	7.70E-06	7.700	2.07E-03
6007474130065	600747	4130065	9.18E-06	9.183	2.47E-03
6007574130065	600757	4130065	8.59E-06	8.593	2.31E-03
6007674130065	600767	4130065	6.97E-06	6.974	1.87E-03
6007774130065	600777	4130065	5.99E-06	5.995	1.61E-03
6007874130065	600787	4130065	5.32E-06	5.317	1.43E-03
6007974130065	600797	4130065	4.81E-06	4.806	1.29E-03
6008074130065	600807	4130065	4.40E-06	4.402	1.18E-03
6008174130065	600817	4130065	4.07E-06	4.068	1.09E-03
6008274130065	600827	4130065	3.79E-06	3.788	1.02E-03
6008374130065	600837	4130065	3.55E-06	3.547	9.53E-04
6008474130065	600847	4130065	3.34E-06	3.336	8.96E-04
6008574130065	600857	4130065	3.15E-06	3.147	8.46E-04
6008674130065	600867	4130065	2.98E-06	2.979	8.01E-04
6008774130065	600877	4130065	2.83E-06	2.829	7.60E-04
6008874130065	600887	4130065	2.69E-06	2.691	7.23E-04
6008974130065	600897	4130065	2.57E-06	2.565	6.89E-04
6009074130065	600907	4130065	2.45E-06	2.448	6.58E-04
6001774130075	600177	4130075	6.83E-06	6.827	1.83E-03
6001874130075	600187	4130075	6.72E-06	6.718	1.81E-03
6001974130075	600197	4130075	8.41E-06	8.414	2.26E-03
6002074130075	600207	4130075	8.26E-06	8.255	2.22E-03
6002174130075	600217	4130075	7.27E-06	7.274	1.95E-03
6002274130075	600227	4130075	6.81E-06	6.811	1.83E-03
6002374130075	600237	4130075	6.69E-06	6.687	1.80E-03

6002474130075	600247	4130075	6.83E-06	6.832	1.84E-03
6002574130075	600257	4130075	7.21E-06	7.209	1.94E-03
6002674130075	600267	4130075	7.82E-06	7.822	2.10E-03
6002774130075	600277	4130075	8.74E-06	8.739	2.35E-03
6002874130075	600287	4130075	1.01E-05	10.127	2.72E-03
6002974130075	600297	4130075	8.89E-06	8.886	2.39E-03
6003074130075	600307	4130075	8.33E-06	8.326	2.24E-03
6003174130075	600317	4130075	9.51E-06	9.507	2.55E-03
6003274130075	600327	4130075	1.17E-05	11.668	3.14E-03
6003374130075	600337	4130075	1.11E-05	11.122	2.99E-03
6003474130075	600347	4130075	1.10E-05	11.008	2.96E-03
6003574130075	600357	4130075	1.12E-05	11.187	3.01E-03
6003674130075	600367	4130075	1.16E-05	11.591	3.11E-03
6003774130075	600377	4130075	1.22E-05	12.202	3.28E-03
6003874130075	600387	4130075	1.30E-05	13.018	3.50E-03
6003974130075	600397	4130075	1.40E-05	14.025	3.77E-03
6004074130075	600407	4130075	1.52E-05	15.189	4.08E-03
6004174130075	600417	4130075	1.66E-05	16.573	4.45E-03
6004274130075	600427	4130075	1.81E-05	18.078	4.86E-03
6004374130075	600437	4130075	1.97E-05	19.657	5.28E-03
6004474130075	600447	4130075	2.12E-05	21.157	5.69E-03
6004574130075	600457	4130075	2.24E-05	22.379	6.01E-03
6004674130075	600467	4130075	2.31E-05	23.087	6.20E-03
6004774130075	600477	4130075	2.31E-05	23.085	6.20E-03
6004874130075	600487	4130075	2.23E-05	22.347	6.01E-03
6004974130075	600497	4130075	2.11E-05	21.130	5.68E-03
6005074130075	600507	4130075	1.96E-05	19.600	5.27E-03
6005174130075	600517	4130075	1.78E-05	17.800	4.78E-03
6005274130075	600527	4130075	1.58E-05	15.821	4.25E-03
6005374130075	600537	4130075	1.39E-05	13.871	3.73E-03
6005474130075	600547	4130075	1.22E-05	12.223	3.28E-03
6005574130075	600557	4130075	1.09E-05	10.927	2.94E-03
6005674130075	600567	4130075	9.93E-06	9.929	2.67E-03
6005774130075	600577	4130075	9.15E-06	9.150	2.46E-03
6005874130075	600587	4130075	8.54E-06	8.539	2.29E-03
6005974130075	600597	4130075	8.06E-06	8.056	2.16E-03
6006074130075	600607	4130075	7.67E-06	7.668	2.06E-03
6006174130075	600617	4130075	7.35E-06	7.352	1.98E-03
6006274130075	600627	4130075	7.12E-06	7.121	1.91E-03
6006374130075	600637	4130075	6.97E-06	6.968	1.87E-03
6006474130075	600647	4130075	6.88E-06	6.885	1.85E-03
6006574130075	600657	4130075	6.87E-06	6.874	1.85E-03
6006674130075	600667	4130075	6.94E-06	6.936	1.86E-03
6006774130075	600677	4130075	7.09E-06	7.093	1.91E-03
6006874130075	600687	4130075	7.37E-06	7.373	1.98E-03
6006974130075	600697	4130075	7.81E-06	7.813	2.10E-03
6007074130075	600707	4130075	8.50E-06	8.498	2.28E-03
6007174130075	600717	4130075	9.69E-06	9.692	2.60E-03
6007274130075	600727	4130075	8.81E-06	8.814	2.37E-03
6007374130075	600737	4130075	7.65E-06	7.647	2.05E-03
6007474130075	600747	4130075	9.13E-06	9.133	2.45E-03
6007574130075	600757	4130075	7.89E-06	7.890	2.12E-03
6007674130075	600767	4130075	6.51E-06	6.514	1.75E-03
6007774130075	600777	4130075	5.64E-06	5.640	1.52E-03
6007874130075	600787	4130075	5.02E-06	5.023	1.35E-03

6007974130075	600797	4130075	4.55E-06	4.547	1.22E-03
6008074130075	600807	4130075	4.17E-06	4.171	1.12E-03
6008174130075	600817	4130075	3.86E-06	3.862	1.04E-03
6008274130075	600827	4130075	3.60E-06	3.598	9.67E-04
6008374130075	600837	4130075	3.37E-06	3.372	9.06E-04
6008474130075	600847	4130075	3.17E-06	3.174	8.53E-04
6008574130075	600857	4130075	3.00E-06	2.998	8.06E-04
6008674130075	600867	4130075	2.84E-06	2.840	7.63E-04
6008774130075	600877	4130075	2.70E-06	2.697	7.25E-04
6008874130075	600887	4130075	2.57E-06	2.568	6.90E-04
6008974130075	600897	4130075	2.45E-06	2.451	6.58E-04
6001774130085	600177	4130085	5.02E-06	5.021	1.35E-03
6001874130085	600187	4130085	6.55E-06	6.546	1.76E-03
6001974130085	600197	4130085	8.05E-06	8.047	2.16E-03
6002074130085	600207	4130085	6.96E-06	6.961	1.87E-03
6002174130085	600217	4130085	6.41E-06	6.410	1.72E-03
6002274130085	600227	4130085	6.17E-06	6.174	1.66E-03
6002374130085	600237	4130085	6.17E-06	6.172	1.66E-03
6002474130085	600247	4130085	6.34E-06	6.344	1.70E-03
6002574130085	600257	4130085	6.68E-06	6.678	1.79E-03
6002674130085	600267	4130085	7.19E-06	7.191	1.93E-03
6002774130085	600277	4130085	7.89E-06	7.890	2.12E-03
6002874130085	600287	4130085	8.85E-06	8.853	2.38E-03
6002974130085	600297	4130085	1.02E-05	10.233	2.75E-03
6003074130085	600307	4130085	9.07E-06	9.070	2.44E-03
6003174130085	600317	4130085	9.73E-06	9.728	2.61E-03
6003274130085	600327	4130085	1.04E-05	10.439	2.81E-03
6003374130085	600337	4130085	1.25E-05	12.480	3.35E-03
6003474130085	600347	4130085	1.19E-05	11.902	3.20E-03
6003574130085	600357	4130085	1.18E-05	11.792	3.17E-03
6003674130085	600367	4130085	1.20E-05	11.979	3.22E-03
6003774130085	600377	4130085	1.24E-05	12.394	3.33E-03
6003874130085	600387	4130085	1.30E-05	13.000	3.49E-03
6003974130085	600397	4130085	1.38E-05	13.775	3.70E-03
6004074130085	600407	4130085	1.47E-05	14.693	3.95E-03
6004174130085	600417	4130085	1.57E-05	15.711	4.22E-03
6004274130085	600427	4130085	1.68E-05	16.783	4.51E-03
6004374130085	600437	4130085	1.78E-05	17.826	4.79E-03
6004474130085	600447	4130085	1.87E-05	18.717	5.03E-03
6004574130085	600457	4130085	1.93E-05	19.349	5.20E-03
6004674130085	600467	4130085	1.96E-05	19.565	5.26E-03
6004774130085	600477	4130085	1.93E-05	19.301	5.19E-03
6004874130085	600487	4130085	1.86E-05	18.632	5.01E-03
6004974130085	600497	4130085	1.77E-05	17.686	4.75E-03
6005074130085	600507	4130085	1.65E-05	16.512	4.44E-03
6005174130085	600517	4130085	1.51E-05	15.126	4.06E-03
6005274130085	600527	4130085	1.36E-05	13.592	3.65E-03
6005374130085	600537	4130085	1.21E-05	12.086	3.25E-03
6005474130085	600547	4130085	1.08E-05	10.770	2.89E-03
6005574130085	600557	4130085	9.71E-06	9.706	2.61E-03
6005674130085	600567	4130085	8.87E-06	8.869	2.38E-03
6005774130085	600577	4130085	8.21E-06	8.212	2.21E-03
6005874130085	600587	4130085	7.68E-06	7.681	2.06E-03
6005974130085	600597	4130085	7.29E-06	7.286	1.96E-03
6006074130085	600607	4130085	6.97E-06	6.971	1.87E-03

6006174130085	600617	4130085	6.73E-06	6.728	1.81E-03
6006274130085	600627	4130085	6.55E-06	6.549	1.76E-03
6006374130085	600637	4130085	6.44E-06	6.443	1.73E-03
6006474130085	600647	4130085	6.41E-06	6.411	1.72E-03
6006574130085	600657	4130085	6.45E-06	6.447	1.73E-03
6006674130085	600667	4130085	6.57E-06	6.567	1.76E-03
6006774130085	600677	4130085	6.80E-06	6.800	1.83E-03
6006874130085	600687	4130085	7.19E-06	7.188	1.93E-03
6006974130085	600697	4130085	7.81E-06	7.810	2.10E-03
6007074130085	600707	4130085	8.90E-06	8.902	2.39E-03
6007174130085	600717	4130085	8.39E-06	8.385	2.25E-03
6007274130085	600727	4130085	8.71E-06	8.714	2.34E-03
6007374130085	600737	4130085	9.56E-06	9.563	2.57E-03
6007474130085	600747	4130085	8.63E-06	8.627	2.32E-03
6007574130085	600757	4130085	7.01E-06	7.005	1.88E-03
6007674130085	600767	4130085	5.96E-06	5.960	1.60E-03
6007774130085	600777	4130085	5.24E-06	5.238	1.41E-03
6007874130085	600787	4130085	4.70E-06	4.702	1.26E-03
6007974130085	600797	4130085	4.28E-06	4.279	1.15E-03
6008074130085	600807	4130085	3.94E-06	3.937	1.06E-03
6008174130085	600817	4130085	3.65E-06	3.653	9.82E-04
6008274130085	600827	4130085	3.41E-06	3.410	9.16E-04
6008374130085	600837	4130085	3.20E-06	3.200	8.60E-04
6008474130085	600847	4130085	3.02E-06	3.017	8.11E-04
6008574130085	600857	4130085	2.85E-06	2.853	7.67E-04
6008674130085	600867	4130085	2.71E-06	2.706	7.27E-04
6008774130085	600877	4130085	2.57E-06	2.572	6.91E-04
6008874130085	600887	4130085	2.45E-06	2.450	6.58E-04
6008974130085	600897	4130085	2.34E-06	2.339	6.29E-04
6001874130095	600187	4130095	7.63E-06	7.628	2.05E-03
6001974130095	600197	4130095	6.54E-06	6.536	1.76E-03
6002074130095	600207	4130095	6.00E-06	5.998	1.61E-03
6002174130095	600217	4130095	5.73E-06	5.731	1.54E-03
6002274130095	600227	4130095	5.67E-06	5.672	1.52E-03
6002374130095	600237	4130095	5.76E-06	5.756	1.55E-03
6002474130095	600247	4130095	5.96E-06	5.960	1.60E-03
6002574130095	600257	4130095	6.29E-06	6.288	1.69E-03
6002674130095	600267	4130095	6.73E-06	6.727	1.81E-03
6002774130095	600277	4130095	7.29E-06	7.290	1.96E-03
6002874130095	600287	4130095	8.03E-06	8.031	2.16E-03
6002974130095	600297	4130095	9.01E-06	9.007	2.42E-03
6003074130095	600307	4130095	1.04E-05	10.357	2.78E-03
6003174130095	600317	4130095	1.06E-05	10.621	2.85E-03
6003274130095	600327	4130095	1.02E-05	10.170	2.73E-03
6003374130095	600337	4130095	1.06E-05	10.575	2.84E-03
6003474130095	600347	4130095	1.33E-05	13.252	3.56E-03
6003574130095	600357	4130095	1.26E-05	12.611	3.39E-03
6003674130095	600367	4130095	1.25E-05	12.454	3.35E-03
6003774130095	600377	4130095	1.26E-05	12.595	3.38E-03
6003874130095	600387	4130095	1.30E-05	12.956	3.48E-03
6003974130095	600397	4130095	1.35E-05	13.483	3.62E-03
6004074130095	600407	4130095	1.41E-05	14.137	3.80E-03
6004174130095	600417	4130095	1.48E-05	14.823	3.98E-03
6004274130095	600427	4130095	1.55E-05	15.525	4.17E-03
6004374130095	600437	4130095	1.62E-05	16.154	4.34E-03



6004474130095	600447	4130095	1.66E-05	16.644	4.47E-03
6004574130095	600457	4130095	1.69E-05	16.889	4.54E-03
6004674130095	600467	4130095	1.68E-05	16.819	4.52E-03
6004774130095	600477	4130095	1.65E-05	16.459	4.42E-03
6004874130095	600487	4130095	1.59E-05	15.863	4.26E-03
6004974130095	600497	4130095	1.51E-05	15.088	4.05E-03
6005074130095	600507	4130095	1.42E-05	14.168	3.81E-03
6005174130095	600517	4130095	1.31E-05	13.071	3.51E-03
6005274130095	600527	4130095	1.19E-05	11.883	3.19E-03
6005374130095	600537	4130095	1.07E-05	10.708	2.88E-03
6005474130095	600547	4130095	9.65E-06	9.652	2.59E-03
6005574130095	600557	4130095	8.76E-06	8.761	2.35E-03
6005674130095	600567	4130095	8.05E-06	8.047	2.16E-03
6005774130095	600577	4130095	7.49E-06	7.489	2.01E-03
6005874130095	600587	4130095	7.05E-06	7.047	1.89E-03
6005974130095	600597	4130095	6.71E-06	6.708	1.80E-03
6006074130095	600607	4130095	6.45E-06	6.451	1.73E-03
6006174130095	600617	4130095	6.26E-06	6.264	1.68E-03
6006274130095	600627	4130095	6.14E-06	6.137	1.65E-03
6006374130095	600637	4130095	6.08E-06	6.081	1.63E-03
6006474130095	600647	4130095	6.10E-06	6.100	1.64E-03
6006574130095	600657	4130095	6.20E-06	6.197	1.67E-03
6006674130095	600667	4130095	6.40E-06	6.405	1.72E-03
6006774130095	600677	4130095	6.76E-06	6.762	1.82E-03
6006874130095	600687	4130095	7.35E-06	7.346	1.97E-03
6006974130095	600697	4130095	8.37E-06	8.372	2.25E-03
6007074130095	600707	4130095	7.82E-06	7.817	2.10E-03
6007174130095	600717	4130095	7.33E-06	7.334	1.97E-03
6007274130095	600727	4130095	9.93E-06	9.933	2.67E-03
6007374130095	600737	4130095	9.01E-06	9.009	2.42E-03
6007474130095	600747	4130095	7.37E-06	7.367	1.98E-03
6007574130095	600757	4130095	6.24E-06	6.241	1.68E-03
6007674130095	600767	4130095	5.44E-06	5.437	1.46E-03
6007774130095	600777	4130095	4.85E-06	4.846	1.30E-03
6007874130095	600787	4130095	4.39E-06	4.388	1.18E-03
6007974130095	600797	4130095	4.02E-06	4.018	1.08E-03
6008074130095	600807	4130095	3.71E-06	3.710	9.97E-04
6008174130095	600817	4130095	3.45E-06	3.451	9.27E-04
6008274130095	600827	4130095	3.23E-06	3.230	8.68E-04
6008374130095	600837	4130095	3.04E-06	3.037	8.16E-04
6008474130095	600847	4130095	2.87E-06	2.866	7.70E-04
6008574130095	600857	4130095	2.71E-06	2.714	7.29E-04
6008674130095	600867	4130095	2.58E-06	2.578	6.93E-04
6008774130095	600877	4130095	2.45E-06	2.453	6.59E-04
6008874130095	600887	4130095	2.34E-06	2.339	6.28E-04
6008974130095	600897	4130095	2.23E-06	2.234	6.00E-04
6001874130105	600187	4130105	5.87E-06	5.871	1.58E-03
6001974130105	600197	4130105	5.48E-06	5.483	1.47E-03
6002074130105	600207	4130105	5.28E-06	5.282	1.42E-03
6002174130105	600217	4130105	5.23E-06	5.226	1.40E-03
6002274130105	600227	4130105	5.28E-06	5.281	1.42E-03
6002374130105	600237	4130105	5.42E-06	5.424	1.46E-03
6002474130105	600247	4130105	5.65E-06	5.654	1.52E-03
6002574130105	600257	4130105	5.97E-06	5.973	1.61E-03
6002674130105	600267	4130105	6.36E-06	6.361	1.71E-03

6002774130105	600277	4130105	6.84E-06	6.842	1.84E-03
6002874130105	600287	4130105	7.45E-06	7.453	2.00E-03
6002974130105	600297	4130105	8.22E-06	8.216	2.21E-03
6003074130105	600307	4130105	9.20E-06	9.204	2.47E-03
6003174130105	600317	4130105	1.05E-05	10.521	2.83E-03
6003274130105	600327	4130105	9.73E-06	9.729	2.61E-03
6003374130105	600337	4130105	1.06E-05	10.583	2.84E-03
6003474130105	600347	4130105	1.15E-05	11.518	3.10E-03
6003574130105	600357	4130105	1.39E-05	13.942	3.75E-03
6003674130105	600367	4130105	1.31E-05	13.146	3.53E-03
6003774130105	600377	4130105	1.29E-05	12.926	3.47E-03
6003874130105	600387	4130105	1.30E-05	12.979	3.49E-03
6003974130105	600397	4130105	1.33E-05	13.257	3.56E-03
6004074130105	600407	4130105	1.36E-05	13.599	3.65E-03
6004174130105	600417	4130105	1.40E-05	13.998	3.76E-03
6004274130105	600427	4130105	1.44E-05	14.388	3.87E-03
6004374130105	600437	4130105	1.47E-05	14.717	3.95E-03
6004474130105	600447	4130105	1.49E-05	14.915	4.01E-03
6004574130105	600457	4130105	1.49E-05	14.910	4.01E-03
6004674130105	600467	4130105	1.47E-05	14.690	3.95E-03
6004774130105	600477	4130105	1.43E-05	14.299	3.84E-03
6004874130105	600487	4130105	1.38E-05	13.764	3.70E-03
6004974130105	600497	4130105	1.31E-05	13.120	3.53E-03
6005074130105	600507	4130105	1.24E-05	12.352	3.32E-03
6005174130105	600517	4130105	1.15E-05	11.485	3.09E-03
6005274130105	600527	4130105	1.06E-05	10.555	2.84E-03
6005374130105	600537	4130105	9.63E-06	9.629	2.59E-03
6005474130105	600547	4130105	8.77E-06	8.767	2.36E-03
6005574130105	600557	4130105	8.02E-06	8.023	2.16E-03
6005674130105	600567	4130105	7.41E-06	7.412	1.99E-03
6005774130105	600577	4130105	6.93E-06	6.931	1.86E-03
6005874130105	600587	4130105	6.56E-06	6.557	1.76E-03
6005974130105	600597	4130105	6.27E-06	6.266	1.68E-03
6006074130105	600607	4130105	6.06E-06	6.062	1.63E-03
6006174130105	600617	4130105	5.92E-06	5.921	1.59E-03
6006274130105	600627	4130105	5.85E-06	5.848	1.57E-03
6006374130105	600637	4130105	5.85E-06	5.851	1.57E-03
6006474130105	600647	4130105	5.93E-06	5.933	1.59E-03
6006574130105	600657	4130105	6.12E-06	6.116	1.64E-03
6006674130105	600667	4130105	6.45E-06	6.445	1.73E-03
6006774130105	600677	4130105	7.00E-06	6.997	1.88E-03
6006874130105	600687	4130105	7.97E-06	7.968	2.14E-03
6006974130105	600697	4130105	8.55E-06	8.555	2.30E-03
6007074130105	600707	4130105	8.26E-06	8.258	2.22E-03
6007174130105	600717	4130105	8.39E-06	8.394	2.26E-03
6007274130105	600727	4130105	9.22E-06	9.218	2.48E-03
6007374130105	600737	4130105	7.57E-06	7.570	2.03E-03
6007474130105	600747	4130105	6.45E-06	6.448	1.73E-03
6007574130105	600757	4130105	5.61E-06	5.610	1.51E-03
6007674130105	600767	4130105	4.97E-06	4.973	1.34E-03
6007774130105	600777	4130105	4.48E-06	4.480	1.20E-03
6007874130105	600787	4130105	4.09E-06	4.089	1.10E-03
6007974130105	600797	4130105	3.77E-06	3.769	1.01E-03
6008074130105	600807	4130105	3.50E-06	3.496	9.39E-04
6008174130105	600817	4130105	3.26E-06	3.261	8.76E-04

6008274130105	600827	4130105	3.06E-06	3.059	8.22E-04
6008374130105	600837	4130105	2.88E-06	2.882	7.74E-04
6008474130105	600847	4130105	2.72E-06	2.724	7.32E-04
6008574130105	600857	4130105	2.58E-06	2.583	6.94E-04
6008674130105	600867	4130105	2.46E-06	2.456	6.60E-04
6008774130105	600877	4130105	2.34E-06	2.339	6.29E-04
6008874130105	600887	4130105	2.23E-06	2.232	6.00E-04
6001874130115	600187	4130115	4.88E-06	4.877	1.31E-03
6001974130115	600197	4130115	4.80E-06	4.804	1.29E-03
6002074130115	600207	4130115	4.80E-06	4.798	1.29E-03
6002174130115	600217	4130115	4.86E-06	4.861	1.31E-03
6002274130115	600227	4130115	4.98E-06	4.985	1.34E-03
6002374130115	600237	4130115	5.16E-06	5.164	1.39E-03
6002474130115	600247	4130115	5.41E-06	5.405	1.45E-03
6002574130115	600257	4130115	5.70E-06	5.702	1.53E-03
6002674130115	600267	4130115	6.06E-06	6.059	1.63E-03
6002774130115	600277	4130115	6.49E-06	6.493	1.74E-03
6002874130115	600287	4130115	7.01E-06	7.013	1.88E-03
6002974130115	600297	4130115	7.64E-06	7.639	2.05E-03
6003074130115	600307	4130115	8.42E-06	8.424	2.26E-03
6003174130115	600317	4130115	9.39E-06	9.388	2.52E-03
6003274130115	600327	4130115	1.07E-05	10.658	2.86E-03
6003374130115	600337	4130115	1.10E-05	11.032	2.96E-03
6003474130115	600347	4130115	1.08E-05	10.787	2.90E-03
6003574130115	600357	4130115	1.13E-05	11.324	3.04E-03
6003674130115	600367	4130115	1.28E-05	12.805	3.44E-03
6003774130115	600377	4130115	1.36E-05	13.563	3.64E-03
6003874130115	600387	4130115	1.32E-05	13.217	3.55E-03
6003974130115	600397	4130115	1.31E-05	13.113	3.52E-03
6004074130115	600407	4130115	1.32E-05	13.163	3.54E-03
6004174130115	600417	4130115	1.33E-05	13.290	3.57E-03
6004274130115	600427	4130115	1.34E-05	13.425	3.61E-03
6004374130115	600437	4130115	1.35E-05	13.515	3.63E-03
6004474130115	600447	4130115	1.35E-05	13.499	3.63E-03
6004574130115	600457	4130115	1.33E-05	13.341	3.58E-03
6004674130115	600467	4130115	1.31E-05	13.050	3.51E-03
6004774130115	600477	4130115	1.26E-05	12.649	3.40E-03
6004874130115	600487	4130115	1.22E-05	12.160	3.27E-03
6004974130115	600497	4130115	1.16E-05	11.594	3.12E-03
6005074130115	600507	4130115	1.10E-05	10.955	2.94E-03
6005174130115	600517	4130115	1.03E-05	10.254	2.76E-03
6005274130115	600527	4130115	9.51E-06	9.512	2.56E-03
6005374130115	600537	4130115	8.77E-06	8.768	2.36E-03
6005474130115	600547	4130115	8.06E-06	8.064	2.17E-03
6005574130115	600557	4130115	7.44E-06	7.442	2.00E-03
6005674130115	600567	4130115	6.92E-06	6.921	1.86E-03
6005774130115	600577	4130115	6.50E-06	6.504	1.75E-03
6005874130115	600587	4130115	6.18E-06	6.177	1.66E-03
6005974130115	600597	4130115	5.93E-06	5.929	1.59E-03
6006074130115	600607	4130115	5.77E-06	5.770	1.55E-03
6006174130115	600617	4130115	5.68E-06	5.683	1.53E-03
6006274130115	600627	4130115	5.67E-06	5.665	1.52E-03
6006374130115	600637	4130115	5.73E-06	5.733	1.54E-03
6006474130115	600647	4130115	5.90E-06	5.901	1.59E-03
6006574130115	600657	4130115	6.21E-06	6.205	1.67E-03

6006674130115	600667	4130115	6.72E-06	6.723	1.81E-03
6006774130115	600677	4130115	7.63E-06	7.630	2.05E-03
6006874130115	600687	4130115	7.24E-06	7.235	1.94E-03
6006974130115	600697	4130115	8.18E-06	8.183	2.20E-03
6007074130115	600707	4130115	8.19E-06	8.192	2.20E-03
6007174130115	600717	4130115	9.39E-06	9.393	2.52E-03
6007274130115	600727	4130115	7.69E-06	7.686	2.07E-03
6007374130115	600737	4130115	6.56E-06	6.564	1.76E-03
6007474130115	600747	4130115	5.74E-06	5.736	1.54E-03
6007574130115	600757	4130115	5.09E-06	5.085	1.37E-03
6007674130115	600767	4130115	4.57E-06	4.568	1.23E-03
6007774130115	600777	4130115	4.16E-06	4.155	1.12E-03
6007874130115	600787	4130115	3.82E-06	3.816	1.03E-03
6007974130115	600797	4130115	3.53E-06	3.534	9.50E-04
6008074130115	600807	4130115	3.29E-06	3.294	8.85E-04
6008174130115	600817	4130115	3.08E-06	3.084	8.29E-04
6008274130115	600827	4130115	2.90E-06	2.899	7.79E-04
6008374130115	600837	4130115	2.74E-06	2.736	7.35E-04
6008474130115	600847	4130115	2.59E-06	2.590	6.96E-04
6008574130115	600857	4130115	2.46E-06	2.460	6.61E-04
6008674130115	600867	4130115	2.34E-06	2.341	6.29E-04
6008774130115	600877	4130115	2.23E-06	2.232	6.00E-04
6008874130115	600887	4130115	2.13E-06	2.131	5.73E-04
6001974130125	600197	4130125	4.39E-06	4.387	1.18E-03
6002074130125	600207	4130125	4.48E-06	4.476	1.20E-03
6002174130125	600217	4130125	4.60E-06	4.598	1.24E-03
6002274130125	600227	4130125	4.76E-06	4.757	1.28E-03
6002374130125	600237	4130125	4.95E-06	4.954	1.33E-03
6002474130125	600247	4130125	5.19E-06	5.194	1.40E-03
6002574130125	600257	4130125	5.48E-06	5.478	1.47E-03
6002674130125	600267	4130125	5.81E-06	5.814	1.56E-03
6002774130125	600277	4130125	6.20E-06	6.205	1.67E-03
6002874130125	600287	4130125	6.66E-06	6.660	1.79E-03
6002974130125	600297	4130125	7.20E-06	7.201	1.93E-03
6003074130125	600307	4130125	7.83E-06	7.831	2.10E-03
6003174130125	600317	4130125	8.57E-06	8.574	2.30E-03
6003274130125	600327	4130125	9.49E-06	9.493	2.55E-03
6003374130125	600337	4130125	1.07E-05	10.699	2.88E-03
6003474130125	600347	4130125	1.24E-05	12.405	3.33E-03
6003574130125	600357	4130125	1.11E-05	11.060	2.97E-03
6003674130125	600367	4130125	1.06E-05	10.551	2.84E-03
6003774130125	600377	4130125	1.33E-05	13.330	3.58E-03
6003874130125	600387	4130125	1.38E-05	13.789	3.71E-03
6003974130125	600397	4130125	1.32E-05	13.216	3.55E-03
6004074130125	600407	4130125	1.29E-05	12.917	3.47E-03
6004174130125	600417	4130125	1.28E-05	12.763	3.43E-03
6004274130125	600427	4130125	1.27E-05	12.669	3.40E-03
6004374130125	600437	4130125	1.26E-05	12.556	3.37E-03
6004474130125	600447	4130125	1.24E-05	12.376	3.33E-03
6004574130125	600457	4130125	1.21E-05	12.115	3.26E-03
6004674130125	600467	4130125	1.18E-05	11.776	3.16E-03
6004774130125	600477	4130125	1.14E-05	11.374	3.06E-03
6004874130125	600487	4130125	1.09E-05	10.917	2.93E-03
6004974130125	600497	4130125	1.04E-05	10.414	2.80E-03
6005074130125	600507	4130125	9.87E-06	9.875	2.65E-03

6005174130125	600517	4130125	9.29E-06	9.294	2.50E-03
6005274130125	600527	4130125	8.69E-06	8.689	2.33E-03
6005374130125	600537	4130125	8.08E-06	8.082	2.17E-03
6005474130125	600547	4130125	7.50E-06	7.503	2.02E-03
6005574130125	600557	4130125	6.98E-06	6.981	1.88E-03
6005674130125	600567	4130125	6.54E-06	6.536	1.76E-03
6005774130125	600577	4130125	6.18E-06	6.175	1.66E-03
6005874130125	600587	4130125	5.89E-06	5.892	1.58E-03
6005974130125	600597	4130125	5.69E-06	5.689	1.53E-03
6006074130125	600607	4130125	5.57E-06	5.574	1.50E-03
6006174130125	600617	4130125	5.54E-06	5.540	1.49E-03
6006274130125	600627	4130125	5.59E-06	5.591	1.50E-03
6006374130125	600637	4130125	5.73E-06	5.735	1.54E-03
6006474130125	600647	4130125	6.02E-06	6.017	1.62E-03
6006574130125	600657	4130125	6.50E-06	6.502	1.75E-03
6006674130125	600667	4130125	7.34E-06	7.343	1.97E-03
6006774130125	600677	4130125	7.91E-06	7.914	2.13E-03
6006874130125	600687	4130125	7.87E-06	7.874	2.12E-03
6006974130125	600697	4130125	8.18E-06	8.185	2.20E-03
6007074130125	600707	4130125	9.58E-06	9.578	2.57E-03
6007174130125	600717	4130125	7.79E-06	7.789	2.09E-03
6007274130125	600727	4130125	6.64E-06	6.637	1.78E-03
6007374130125	600737	4130125	5.81E-06	5.815	1.56E-03
6007474130125	600747	4130125	5.16E-06	5.160	1.39E-03
6007574130125	600757	4130125	4.64E-06	4.639	1.25E-03
6007674130125	600767	4130125	4.21E-06	4.214	1.13E-03
6007774130125	600777	4130125	3.87E-06	3.866	1.04E-03
6007874130125	600787	4130125	3.57E-06	3.568	9.59E-04
6007974130125	600797	4130125	3.32E-06	3.318	8.91E-04
6008074130125	600807	4130125	3.10E-06	3.103	8.34E-04
6008174130125	600817	4130125	2.92E-06	2.917	7.84E-04
6008274130125	600827	4130125	2.75E-06	2.749	7.39E-04
6008374130125	600837	4130125	2.60E-06	2.598	6.98E-04
6008474130125	600847	4130125	2.46E-06	2.463	6.62E-04
6008574130125	600857	4130125	2.34E-06	2.343	6.29E-04
6008674130125	600867	4130125	2.23E-06	2.232	6.00E-04
6008774130125	600877	4130125	2.13E-06	2.131	5.73E-04
6001974130135	600197	4130135	4.12E-06	4.118	1.11E-03
6002074130135	600207	4130135	4.25E-06	4.249	1.14E-03
6002174130135	600217	4130135	4.40E-06	4.398	1.18E-03
6002274130135	600227	4130135	4.57E-06	4.575	1.23E-03
6002374130135	600237	4130135	4.78E-06	4.777	1.28E-03
6002474130135	600247	4130135	5.01E-06	5.013	1.35E-03
6002574130135	600257	4130135	5.29E-06	5.285	1.42E-03
6002674130135	600267	4130135	5.60E-06	5.596	1.50E-03
6002774130135	600277	4130135	5.95E-06	5.953	1.60E-03
6002874130135	600287	4130135	6.36E-06	6.361	1.71E-03
6002974130135	600297	4130135	6.82E-06	6.820	1.83E-03
6003074130135	600307	4130135	7.34E-06	7.338	1.97E-03
6003174130135	600317	4130135	7.94E-06	7.939	2.13E-03
6003274130135	600327	4130135	8.67E-06	8.666	2.33E-03
6003374130135	600337	4130135	9.56E-06	9.563	2.57E-03
6003474130135	600347	4130135	1.07E-05	10.703	2.88E-03
6003574130135	600357	4130135	1.23E-05	12.266	3.30E-03
6003674130135	600367	4130135	1.09E-05	10.921	2.93E-03

6003774130135	600377	4130135	1.15E-05	11.490	3.09E-03
6003874130135	600387	4130135	1.31E-05	13.069	3.51E-03
6003974130135	600397	4130135	1.38E-05	13.789	3.71E-03
6004074130135	600407	4130135	1.30E-05	12.977	3.49E-03
6004174130135	600417	4130135	1.25E-05	12.495	3.36E-03
6004274130135	600427	4130135	1.22E-05	12.153	3.27E-03
6004374130135	600437	4130135	1.18E-05	11.843	3.18E-03
6004474130135	600447	4130135	1.15E-05	11.525	3.10E-03
6004574130135	600457	4130135	1.12E-05	11.178	3.00E-03
6004674130135	600467	4130135	1.08E-05	10.800	2.90E-03
6004774130135	600477	4130135	1.04E-05	10.390	2.79E-03
6004874130135	600487	4130135	9.96E-06	9.955	2.68E-03
6004974130135	600497	4130135	9.50E-06	9.505	2.55E-03
6005074130135	600507	4130135	9.04E-06	9.036	2.43E-03
6005174130135	600517	4130135	8.54E-06	8.545	2.30E-03
6005274130135	600527	4130135	8.04E-06	8.039	2.16E-03
6005374130135	600537	4130135	7.54E-06	7.536	2.03E-03
6005474130135	600547	4130135	7.06E-06	7.056	1.90E-03
6005574130135	600557	4130135	6.62E-06	6.618	1.78E-03
6005674130135	600567	4130135	6.24E-06	6.238	1.68E-03
6005774130135	600577	4130135	5.93E-06	5.927	1.59E-03
6005874130135	600587	4130135	5.69E-06	5.691	1.53E-03
6005974130135	600597	4130135	5.54E-06	5.535	1.49E-03
6006074130135	600607	4130135	5.47E-06	5.469	1.47E-03
6006174130135	600617	4130135	5.49E-06	5.492	1.48E-03
6006274130135	600627	4130135	5.62E-06	5.621	1.51E-03
6006374130135	600637	4130135	5.88E-06	5.876	1.58E-03
6006474130135	600647	4130135	6.33E-06	6.327	1.70E-03
6006574130135	600657	4130135	7.11E-06	7.105	1.91E-03
6006674130135	600667	4130135	8.60E-06	8.601	2.31E-03
6006774130135	600677	4130135	7.67E-06	7.667	2.06E-03
6006874130135	600687	4130135	8.14E-06	8.140	2.19E-03
6006974130135	600697	4130135	9.78E-06	9.782	2.63E-03
6007074130135	600707	4130135	7.89E-06	7.890	2.12E-03
6007174130135	600717	4130135	6.70E-06	6.700	1.80E-03
6007274130135	600727	4130135	5.86E-06	5.856	1.57E-03
6007374130135	600737	4130135	5.22E-06	5.217	1.40E-03
6007474130135	600747	4130135	4.69E-06	4.689	1.26E-03
6007574130135	600757	4130135	4.26E-06	4.258	1.14E-03
6007674130135	600767	4130135	3.90E-06	3.904	1.05E-03
6007774130135	600777	4130135	3.60E-06	3.604	9.69E-04
6007874130135	600787	4130135	3.34E-06	3.341	8.98E-04
6007974130135	600797	4130135	3.12E-06	3.119	8.38E-04
6008074130135	600807	4130135	2.93E-06	2.926	7.86E-04
6008174130135	600817	4130135	2.76E-06	2.756	7.41E-04
6008274130135	600827	4130135	2.60E-06	2.605	7.00E-04
6008374130135	600837	4130135	2.47E-06	2.468	6.63E-04
6008474130135	600847	4130135	2.34E-06	2.344	6.30E-04
6008574130135	600857	4130135	2.23E-06	2.231	6.00E-04
6008674130135	600867	4130135	2.13E-06	2.129	5.72E-04
6008774130135	600877	4130135	2.04E-06	2.035	5.47E-04
6002074130145	600207	4130145	4.08E-06	4.076	1.10E-03
6002174130145	600217	4130145	4.24E-06	4.241	1.14E-03
6002274130145	600227	4130145	4.42E-06	4.422	1.19E-03
6002374130145	600237	4130145	4.62E-06	4.624	1.24E-03

6002474130145	600247	4130145	4.85E-06	4.851	1.30E-03
6002574130145	600257	4130145	5.11E-06	5.107	1.37E-03
6002674130145	600267	4130145	5.39E-06	5.394	1.45E-03
6002774130145	600277	4130145	5.72E-06	5.718	1.54E-03
6002874130145	600287	4130145	6.08E-06	6.079	1.63E-03
6002974130145	600297	4130145	6.47E-06	6.475	1.74E-03
6003074130145	600307	4130145	6.92E-06	6.919	1.86E-03
6003174130145	600317	4130145	7.43E-06	7.425	2.00E-03
6003274130145	600327	4130145	8.01E-06	8.010	2.15E-03
6003374130145	600337	4130145	8.70E-06	8.702	2.34E-03
6003474130145	600347	4130145	9.54E-06	9.536	2.56E-03
6003574130145	600357	4130145	1.06E-05	10.567	2.84E-03
6003674130145	600367	4130145	1.20E-05	11.989	3.22E-03
6003774130145	600377	4130145	1.21E-05	12.113	3.26E-03
6003874130145	600387	4130145	1.14E-05	11.366	3.05E-03
6003974130145	600397	4130145	1.15E-05	11.467	3.08E-03
6004074130145	600407	4130145	1.36E-05	13.595	3.65E-03
6004174130145	600417	4130145	1.26E-05	12.601	3.39E-03
6004274130145	600427	4130145	1.19E-05	11.933	3.21E-03
6004374130145	600437	4130145	1.14E-05	11.401	3.06E-03
6004474130145	600447	4130145	1.09E-05	10.935	2.94E-03
6004574130145	600457	4130145	1.05E-05	10.500	2.82E-03
6004674130145	600467	4130145	1.01E-05	10.077	2.71E-03
6004774130145	600477	4130145	9.65E-06	9.649	2.59E-03
6004874130145	600487	4130145	9.23E-06	9.227	2.48E-03
6004974130145	600497	4130145	8.81E-06	8.809	2.37E-03
6005074130145	600507	4130145	8.39E-06	8.388	2.25E-03
6005174130145	600517	4130145	7.96E-06	7.961	2.14E-03
6005274130145	600527	4130145	7.53E-06	7.530	2.02E-03
6005374130145	600537	4130145	7.10E-06	7.105	1.91E-03
6005474130145	600547	4130145	6.70E-06	6.703	1.80E-03
6005574130145	600557	4130145	6.33E-06	6.335	1.70E-03
6005674130145	600567	4130145	6.01E-06	6.013	1.62E-03
6005774130145	600577	4130145	5.75E-06	5.752	1.55E-03
6005874130145	600587	4130145	5.57E-06	5.566	1.50E-03
6005974130145	600597	4130145	5.46E-06	5.463	1.47E-03
6006074130145	600607	4130145	5.45E-06	5.451	1.46E-03
6006174130145	600617	4130145	5.54E-06	5.544	1.49E-03
6006274130145	600627	4130145	5.77E-06	5.773	1.55E-03
6006374130145	600637	4130145	6.19E-06	6.191	1.66E-03
6006474130145	600647	4130145	6.92E-06	6.919	1.86E-03
6006574130145	600657	4130145	8.28E-06	8.276	2.22E-03
6006674130145	600667	4130145	7.58E-06	7.575	2.04E-03
6006774130145	600677	4130145	7.97E-06	7.967	2.14E-03
6006874130145	600687	4130145	1.00E-05	10.020	2.69E-03
6006974130145	600697	4130145	8.00E-06	8.000	2.15E-03
6007074130145	600707	4130145	6.76E-06	6.762	1.82E-03
6007174130145	600717	4130145	5.90E-06	5.897	1.58E-03
6007274130145	600727	4130145	5.24E-06	5.241	1.41E-03
6007374130145	600737	4130145	4.72E-06	4.721	1.27E-03
6007474130145	600747	4130145	4.29E-06	4.292	1.15E-03
6007574130145	600757	4130145	3.93E-06	3.926	1.05E-03
6007674130145	600767	4130145	3.62E-06	3.624	9.74E-04
6007774130145	600777	4130145	3.36E-06	3.361	9.03E-04
6007874130145	600787	4130145	3.13E-06	3.133	8.42E-04

6007974130145	600797	4130145	2.94E-06	2.935	7.89E-04
6008074130145	600807	4130145	2.76E-06	2.762	7.42E-04
6008174130145	600817	4130145	2.61E-06	2.607	7.01E-04
6008274130145	600827	4130145	2.47E-06	2.469	6.63E-04
6008374130145	600837	4130145	2.34E-06	2.344	6.30E-04
6008474130145	600847	4130145	2.23E-06	2.230	5.99E-04
6008574130145	600857	4130145	2.13E-06	2.126	5.71E-04
6008674130145	600867	4130145	2.03E-06	2.032	5.46E-04
6002074130155	600207	4130155	3.94E-06	3.942	1.06E-03
6002174130155	600217	4130155	4.11E-06	4.108	1.10E-03
6002274130155	600227	4130155	4.29E-06	4.286	1.15E-03
6002374130155	600237	4130155	4.48E-06	4.481	1.20E-03
6002474130155	600247	4130155	4.70E-06	4.700	1.26E-03
6002574130155	600257	4130155	4.94E-06	4.941	1.33E-03
6002674130155	600267	4130155	5.20E-06	5.205	1.40E-03
6002774130155	600277	4130155	5.50E-06	5.498	1.48E-03
6002874130155	600287	4130155	5.82E-06	5.815	1.56E-03
6002974130155	600297	4130155	6.16E-06	6.161	1.66E-03
6003074130155	600307	4130155	6.55E-06	6.546	1.76E-03
6003174130155	600317	4130155	6.97E-06	6.975	1.87E-03
6003274130155	600327	4130155	7.46E-06	7.455	2.00E-03
6003374130155	600337	4130155	8.01E-06	8.010	2.15E-03
6003474130155	600347	4130155	8.64E-06	8.643	2.32E-03
6003574130155	600357	4130155	9.39E-06	9.387	2.52E-03
6003674130155	600367	4130155	1.04E-05	10.360	2.78E-03
6003774130155	600377	4130155	1.16E-05	11.639	3.13E-03
6003874130155	600387	4130155	1.05E-05	10.519	2.83E-03
6003974130155	600397	4130155	1.10E-05	11.022	2.96E-03
6004074130155	600407	4130155	1.15E-05	11.508	3.09E-03
6004174130155	600417	4130155	1.33E-05	13.324	3.58E-03
6004274130155	600427	4130155	1.21E-05	12.124	3.26E-03
6004374130155	600437	4130155	1.13E-05	11.282	3.03E-03
6004474130155	600447	4130155	1.06E-05	10.619	2.85E-03
6004574130155	600457	4130155	1.01E-05	10.070	2.71E-03
6004674130155	600467	4130155	9.57E-06	9.570	2.57E-03
6004774130155	600477	4130155	9.12E-06	9.116	2.45E-03
6004874130155	600487	4130155	8.69E-06	8.691	2.34E-03
6004974130155	600497	4130155	8.29E-06	8.288	2.23E-03
6005074130155	600507	4130155	7.90E-06	7.899	2.12E-03
6005174130155	600517	4130155	7.52E-06	7.516	2.02E-03
6005274130155	600527	4130155	7.14E-06	7.139	1.92E-03
6005374130155	600537	4130155	6.77E-06	6.773	1.82E-03
6005474130155	600547	4130155	6.43E-06	6.433	1.73E-03
6005574130155	600557	4130155	6.12E-06	6.118	1.64E-03
6005674130155	600567	4130155	5.85E-06	5.850	1.57E-03
6005774130155	600577	4130155	5.64E-06	5.645	1.52E-03
6005874130155	600587	4130155	5.51E-06	5.514	1.48E-03
6005974130155	600597	4130155	5.47E-06	5.467	1.47E-03
6006074130155	600607	4130155	5.52E-06	5.522	1.48E-03
6006174130155	600617	4130155	5.71E-06	5.711	1.53E-03
6006274130155	600627	4130155	6.09E-06	6.088	1.64E-03
6006374130155	600637	4130155	6.76E-06	6.760	1.82E-03
6006474130155	600647	4130155	8.01E-06	8.010	2.15E-03
6006574130155	600657	4130155	7.29E-06	7.285	1.96E-03
6006674130155	600667	4130155	6.72E-06	6.715	1.80E-03



6006774130155	600677	4130155	8.97E-06	8.973	2.41E-03
6006874130155	600687	4130155	8.12E-06	8.119	2.18E-03
6006974130155	600697	4130155	6.82E-06	6.824	1.83E-03
6007074130155	600707	4130155	5.93E-06	5.933	1.59E-03
6007174130155	600717	4130155	5.27E-06	5.268	1.42E-03
6007274130155	600727	4130155	4.74E-06	4.736	1.27E-03
6007374130155	600737	4130155	4.30E-06	4.305	1.16E-03
6007474130155	600747	4130155	3.94E-06	3.943	1.06E-03
6007574130155	600757	4130155	3.63E-06	3.631	9.76E-04
6007674130155	600767	4130155	3.36E-06	3.365	9.04E-04
6007774130155	600777	4130155	3.14E-06	3.137	8.43E-04
6007874130155	600787	4130155	2.94E-06	2.940	7.90E-04
6007974130155	600797	4130155	2.76E-06	2.764	7.43E-04
6008074130155	600807	4130155	2.61E-06	2.608	7.01E-04
6008174130155	600817	4130155	2.47E-06	2.469	6.64E-04
6008274130155	600827	4130155	2.34E-06	2.342	6.29E-04
6008374130155	600837	4130155	2.23E-06	2.226	5.98E-04
6008474130155	600847	4130155	2.12E-06	2.121	5.70E-04
6008574130155	600857	4130155	2.02E-06	2.025	5.44E-04
6008674130155	600867	4130155	1.94E-06	1.939	5.21E-04
6002174130165	600217	4130165	3.99E-06	3.989	1.07E-03
6002274130165	600227	4130165	4.16E-06	4.161	1.12E-03
6002374130165	600237	4130165	4.35E-06	4.347	1.17E-03
6002474130165	600247	4130165	4.55E-06	4.555	1.22E-03
6002574130165	600257	4130165	4.78E-06	4.780	1.28E-03
6002674130165	600267	4130165	5.02E-06	5.023	1.35E-03
6002774130165	600277	4130165	5.28E-06	5.285	1.42E-03
6002874130165	600287	4130165	5.57E-06	5.567	1.50E-03
6002974130165	600297	4130165	5.87E-06	5.873	1.58E-03
6003074130165	600307	4130165	6.21E-06	6.207	1.67E-03
6003174130165	600317	4130165	6.57E-06	6.574	1.77E-03
6003274130165	600327	4130165	6.98E-06	6.979	1.88E-03
6003374130165	600337	4130165	7.43E-06	7.425	2.00E-03
6003474130165	600347	4130165	7.92E-06	7.915	2.13E-03
6003574130165	600357	4130165	8.50E-06	8.503	2.28E-03
6003674130165	600367	4130165	9.19E-06	9.185	2.47E-03
6003774130165	600377	4130165	1.00E-05	10.030	2.70E-03
6003874130165	600387	4130165	1.12E-05	11.166	3.00E-03
6003974130165	600397	4130165	1.12E-05	11.244	3.02E-03
6004074130165	600407	4130165	1.05E-05	10.543	2.83E-03
6004174130165	600417	4130165	1.06E-05	10.587	2.84E-03
6004274130165	600427	4130165	1.30E-05	12.994	3.49E-03
6004374130165	600437	4130165	1.16E-05	11.609	3.12E-03
6004474130165	600447	4130165	1.06E-05	10.646	2.86E-03
6004574130165	600457	4130165	9.90E-06	9.897	2.66E-03
6004674130165	600467	4130165	9.29E-06	9.287	2.50E-03
6004774130165	600477	4130165	8.78E-06	8.778	2.36E-03
6004874130165	600487	4130165	8.33E-06	8.330	2.24E-03
6004974130165	600497	4130165	7.92E-06	7.922	2.13E-03
6005074130165	600507	4130165	7.54E-06	7.543	2.03E-03
6005174130165	600517	4130165	7.19E-06	7.187	1.93E-03
6005274130165	600527	4130165	6.85E-06	6.849	1.84E-03
6005374130165	600537	4130165	6.53E-06	6.530	1.75E-03
6005474130165	600547	4130165	6.23E-06	6.232	1.67E-03
6005574130165	600557	4130165	5.97E-06	5.966	1.60E-03

6005674130165	600567	4130165	5.75E-06	5.750	1.55E-03
6005774130165	600577	4130165	5.60E-06	5.601	1.51E-03
6005874130165	600587	4130165	5.53E-06	5.531	1.49E-03
6005974130165	600597	4130165	5.55E-06	5.555	1.49E-03
6006074130165	600607	4130165	5.70E-06	5.703	1.53E-03
6006174130165	600617	4130165	6.03E-06	6.031	1.62E-03
6006274130165	600627	4130165	6.64E-06	6.638	1.78E-03
6006374130165	600637	4130165	7.78E-06	7.779	2.09E-03
6006474130165	600647	4130165	7.35E-06	7.349	1.97E-03
6006574130165	600657	4130165	7.81E-06	7.805	2.10E-03
6006674130165	600667	4130165	8.90E-06	8.903	2.39E-03
6006774130165	600677	4130165	8.29E-06	8.293	2.23E-03
6006874130165	600687	4130165	6.89E-06	6.890	1.85E-03
6006974130165	600697	4130165	5.97E-06	5.970	1.60E-03
6007074130165	600707	4130165	5.28E-06	5.284	1.42E-03
6007174130165	600717	4130165	4.75E-06	4.749	1.28E-03
6007274130165	600727	4130165	4.31E-06	4.308	1.16E-03
6007374130165	600737	4130165	3.95E-06	3.947	1.06E-03
6007474130165	600747	4130165	3.64E-06	3.638	9.78E-04
6007574130165	600757	4130165	3.37E-06	3.372	9.06E-04
6007674130165	600767	4130165	3.14E-06	3.141	8.44E-04
6007774130165	600777	4130165	2.94E-06	2.937	7.89E-04
6007874130165	600787	4130165	2.76E-06	2.759	7.41E-04
6007974130165	600797	4130165	2.60E-06	2.604	7.00E-04
6008074130165	600807	4130165	2.46E-06	2.463	6.62E-04
6008174130165	600817	4130165	2.34E-06	2.337	6.28E-04
6008274130165	600827	4130165	2.22E-06	2.220	5.97E-04
6008374130165	600837	4130165	2.11E-06	2.114	5.68E-04
6008474130165	600847	4130165	2.02E-06	2.017	5.42E-04
6008574130165	600857	4130165	1.93E-06	1.929	5.18E-04
6002174130175	600217	4130175	3.87E-06	3.873	1.04E-03
6002274130175	600227	4130175	4.04E-06	4.042	1.09E-03
6002374130175	600237	4130175	4.22E-06	4.222	1.13E-03
6002474130175	600247	4130175	4.41E-06	4.415	1.19E-03
6002574130175	600257	4130175	4.62E-06	4.623	1.24E-03
6002674130175	600267	4130175	4.84E-06	4.844	1.30E-03
6002774130175	600277	4130175	5.08E-06	5.080	1.37E-03
6002874130175	600287	4130175	5.33E-06	5.332	1.43E-03
6002974130175	600297	4130175	5.60E-06	5.603	1.51E-03
6003074130175	600307	4130175	5.89E-06	5.893	1.58E-03
6003174130175	600317	4130175	6.21E-06	6.209	1.67E-03
6003274130175	600327	4130175	6.55E-06	6.550	1.76E-03
6003374130175	600337	4130175	6.91E-06	6.907	1.86E-03
6003474130175	600347	4130175	7.32E-06	7.316	1.97E-03
6003574130175	600357	4130175	7.76E-06	7.764	2.09E-03
6003674130175	600367	4130175	8.27E-06	8.271	2.22E-03
6003774130175	600377	4130175	8.87E-06	8.871	2.38E-03
6003874130175	600387	4130175	9.62E-06	9.616	2.58E-03
6003974130175	600397	4130175	1.06E-05	10.612	2.85E-03
6004074130175	600407	4130175	1.21E-05	12.109	3.25E-03
6004174130175	600417	4130175	1.01E-05	10.085	2.71E-03
6004274130175	600427	4130175	9.13E-06	9.130	2.45E-03
6004374130175	600437	4130175	1.12E-05	11.235	3.02E-03
6004474130175	600447	4130175	1.11E-05	11.122	2.99E-03
6004574130175	600457	4130175	1.01E-05	10.052	2.70E-03

6004674130175	600467	4130175	9.26E-06	9.259	2.49E-03
6004774130175	600477	4130175	8.64E-06	8.644	2.32E-03
6004874130175	600487	4130175	8.14E-06	8.138	2.19E-03
6004974130175	600497	4130175	7.70E-06	7.697	2.07E-03
6005074130175	600507	4130175	7.31E-06	7.312	1.96E-03
6005174130175	600517	4130175	6.97E-06	6.966	1.87E-03
6005274130175	600527	4130175	6.65E-06	6.651	1.79E-03
6005374130175	600537	4130175	6.36E-06	6.360	1.71E-03
6005474130175	600547	4130175	6.10E-06	6.099	1.64E-03
6005574130175	600557	4130175	5.88E-06	5.880	1.58E-03
6005674130175	600567	4130175	5.72E-06	5.716	1.54E-03
6005774130175	600577	4130175	5.62E-06	5.625	1.51E-03
6005874130175	600587	4130175	5.62E-06	5.623	1.51E-03
6005974130175	600597	4130175	5.74E-06	5.738	1.54E-03
6006074130175	600607	4130175	6.02E-06	6.020	1.62E-03
6006174130175	600617	4130175	6.56E-06	6.564	1.76E-03
6006274130175	600627	4130175	7.60E-06	7.595	2.04E-03
6006374130175	600637	4130175	7.04E-06	7.036	1.89E-03
6006474130175	600647	4130175	8.03E-06	8.028	2.16E-03
6006574130175	600657	4130175	9.21E-06	9.208	2.47E-03
6006674130175	600667	4130175	8.46E-06	8.464	2.27E-03
6006774130175	600677	4130175	6.99E-06	6.994	1.88E-03
6006874130175	600687	4130175	6.02E-06	6.021	1.62E-03
6006974130175	600697	4130175	5.31E-06	5.308	1.43E-03
6007074130175	600707	4130175	4.75E-06	4.755	1.28E-03
6007174130175	600717	4130175	4.31E-06	4.308	1.16E-03
6007274130175	600727	4130175	3.94E-06	3.937	1.06E-03
6007374130175	600737	4130175	3.64E-06	3.637	9.77E-04
6007474130175	600747	4130175	3.37E-06	3.372	9.06E-04
6007574130175	600757	4130175	3.14E-06	3.139	8.44E-04
6007674130175	600767	4130175	2.94E-06	2.935	7.89E-04
6007774130175	600777	4130175	2.75E-06	2.755	7.40E-04
6007874130175	600787	4130175	2.59E-06	2.594	6.97E-04
6007974130175	600797	4130175	2.45E-06	2.453	6.59E-04
6008074130175	600807	4130175	2.33E-06	2.326	6.25E-04
6008174130175	600817	4130175	2.21E-06	2.210	5.94E-04
6008274130175	600827	4130175	2.10E-06	2.104	5.65E-04
6008374130175	600837	4130175	2.01E-06	2.007	5.39E-04
6008474130175	600847	4130175	1.92E-06	1.919	5.16E-04
6008574130175	600857	4130175	1.84E-06	1.838	4.94E-04
6002274130185	600227	4130185	3.93E-06	3.927	1.06E-03
6002374130185	600237	4130185	4.10E-06	4.097	1.10E-03
6002474130185	600247	4130185	4.28E-06	4.278	1.15E-03
6002574130185	600257	4130185	4.47E-06	4.468	1.20E-03
6002674130185	600267	4130185	4.67E-06	4.667	1.25E-03
6002774130185	600277	4130185	4.88E-06	4.881	1.31E-03
6002874130185	600287	4130185	5.11E-06	5.107	1.37E-03
6002974130185	600297	4130185	5.35E-06	5.347	1.44E-03
6003074130185	600307	4130185	5.60E-06	5.601	1.50E-03
6003174130185	600317	4130185	5.87E-06	5.874	1.58E-03
6003274130185	600327	4130185	6.16E-06	6.156	1.65E-03
6003374130185	600337	4130185	6.46E-06	6.456	1.73E-03
6003474130185	600347	4130185	6.78E-06	6.783	1.82E-03
6003574130185	600357	4130185	7.14E-06	7.136	1.92E-03
6003674130185	600367	4130185	7.53E-06	7.526	2.02E-03

6003774130185	600377	4130185	7.97E-06	7.969	2.14E-03
6003874130185	600387	4130185	8.49E-06	8.491	2.28E-03
6003974130185	600397	4130185	9.14E-06	9.139	2.46E-03
6004074130185	600407	4130185	1.00E-05	10.010	2.69E-03
6004174130185	600417	4130185	1.13E-05	11.327	3.04E-03
6004274130185	600427	4130185	9.41E-06	9.413	2.53E-03
6004374130185	600437	4130185	9.50E-06	9.501	2.55E-03
6004474130185	600447	4130185	1.05E-05	10.511	2.82E-03
6004574130185	600457	4130185	1.07E-05	10.685	2.87E-03
6004674130185	600467	4130185	9.56E-06	9.560	2.57E-03
6004774130185	600477	4130185	8.75E-06	8.753	2.35E-03
6004874130185	600487	4130185	8.13E-06	8.126	2.18E-03
6004974130185	600497	4130185	7.62E-06	7.620	2.05E-03
6005074130185	600507	4130185	7.20E-06	7.204	1.94E-03
6005174130185	600517	4130185	6.85E-06	6.848	1.84E-03
6005274130185	600527	4130185	6.53E-06	6.535	1.76E-03
6005374130185	600537	4130185	6.26E-06	6.262	1.68E-03
6005474130185	600547	4130185	6.03E-06	6.033	1.62E-03
6005574130185	600557	4130185	5.86E-06	5.858	1.57E-03
6005674130185	600567	4130185	5.75E-06	5.748	1.54E-03
6005774130185	600577	4130185	5.72E-06	5.721	1.54E-03
6005874130185	600587	4130185	5.80E-06	5.805	1.56E-03
6005974130185	600597	4130185	6.04E-06	6.043	1.62E-03
6006074130185	600607	4130185	6.53E-06	6.527	1.75E-03
6006174130185	600617	4130185	7.46E-06	7.455	2.00E-03
6006274130185	600627	4130185	8.05E-06	8.045	2.16E-03
6006374130185	600637	4130185	7.71E-06	7.711	2.07E-03
6006474130185	600647	4130185	7.80E-06	7.795	2.09E-03
6006574130185	600657	4130185	8.66E-06	8.660	2.33E-03
6006674130185	600667	4130185	7.11E-06	7.108	1.91E-03
6006774130185	600677	4130185	6.08E-06	6.082	1.63E-03
6006874130185	600687	4130185	5.34E-06	5.340	1.43E-03
6006974130185	600697	4130185	4.77E-06	4.769	1.28E-03
6007074130185	600707	4130185	4.31E-06	4.310	1.16E-03
6007174130185	600717	4130185	3.94E-06	3.937	1.06E-03
6007274130185	600727	4130185	3.62E-06	3.620	9.73E-04
6007374130185	600737	4130185	3.36E-06	3.358	9.02E-04
6007474130185	600747	4130185	3.13E-06	3.130	8.41E-04
6007574130185	600757	4130185	2.93E-06	2.928	7.87E-04
6007674130185	600767	4130185	2.75E-06	2.746	7.38E-04
6007774130185	600777	4130185	2.58E-06	2.584	6.94E-04
6007874130185	600787	4130185	2.44E-06	2.441	6.56E-04
6007974130185	600797	4130185	2.31E-06	2.313	6.21E-04
6008074130185	600807	4130185	2.20E-06	2.196	5.90E-04
6008174130185	600817	4130185	2.09E-06	2.091	5.62E-04
6008274130185	600827	4130185	1.99E-06	1.994	5.36E-04
6008374130185	600837	4130185	1.91E-06	1.906	5.12E-04
6008474130185	600847	4130185	1.82E-06	1.825	4.90E-04
6002374130195	600237	4130195	3.97E-06	3.972	1.07E-03
6002474130195	600247	4130195	4.14E-06	4.140	1.11E-03
6002574130195	600257	4130195	4.31E-06	4.315	1.16E-03
6002674130195	600267	4130195	4.50E-06	4.496	1.21E-03
6002774130195	600277	4130195	4.69E-06	4.687	1.26E-03
6002874130195	600287	4130195	4.89E-06	4.889	1.31E-03
6002974130195	600297	4130195	5.10E-06	5.101	1.37E-03

6003074130195	600307	4130195	5.33E-06	5.325	1.43E-03
6003174130195	600317	4130195	5.56E-06	5.557	1.49E-03
6003274130195	600327	4130195	5.80E-06	5.795	1.56E-03
6003374130195	600337	4130195	6.05E-06	6.049	1.63E-03
6003474130195	600347	4130195	6.31E-06	6.312	1.70E-03
6003574130195	600357	4130195	6.60E-06	6.596	1.77E-03
6003674130195	600367	4130195	6.90E-06	6.899	1.85E-03
6003774130195	600377	4130195	7.23E-06	7.234	1.94E-03
6003874130195	600387	4130195	7.61E-06	7.613	2.05E-03
6003974130195	600397	4130195	8.06E-06	8.063	2.17E-03
6004074130195	600407	4130195	8.63E-06	8.629	2.32E-03
6004174130195	600417	4130195	9.40E-06	9.396	2.52E-03
6004274130195	600427	4130195	1.06E-05	10.565	2.84E-03
6004374130195	600437	4130195	9.00E-06	8.995	2.42E-03
6004474130195	600447	4130195	8.05E-06	8.053	2.16E-03
6004574130195	600457	4130195	8.74E-06	8.737	2.35E-03
6004674130195	600467	4130195	1.03E-05	10.342	2.78E-03
6004774130195	600477	4130195	9.18E-06	9.177	2.47E-03
6004874130195	600487	4130195	8.34E-06	8.342	2.24E-03
6004974130195	600497	4130195	7.72E-06	7.716	2.07E-03
6005074130195	600507	4130195	7.23E-06	7.231	1.94E-03
6005174130195	600517	4130195	6.83E-06	6.832	1.84E-03
6005274130195	600527	4130195	6.50E-06	6.503	1.75E-03
6005374130195	600537	4130195	6.24E-06	6.238	1.68E-03
6005474130195	600547	4130195	6.04E-06	6.035	1.62E-03
6005574130195	600557	4130195	5.90E-06	5.903	1.59E-03
6005674130195	600567	4130195	5.85E-06	5.850	1.57E-03
6005774130195	600577	4130195	5.90E-06	5.902	1.59E-03
6005874130195	600587	4130195	6.10E-06	6.100	1.64E-03
6005974130195	600597	4130195	6.53E-06	6.529	1.75E-03
6006074130195	600607	4130195	7.36E-06	7.362	1.98E-03
6006174130195	600617	4130195	6.91E-06	6.912	1.86E-03
6006274130195	600627	4130195	7.77E-06	7.767	2.09E-03
6006374130195	600637	4130195	7.76E-06	7.758	2.08E-03
6006474130195	600647	4130195	8.89E-06	8.893	2.39E-03
6006574130195	600657	4130195	7.24E-06	7.236	1.94E-03
6006674130195	600667	4130195	6.15E-06	6.154	1.65E-03
6006774130195	600677	4130195	5.38E-06	5.380	1.45E-03
6006874130195	600687	4130195	4.79E-06	4.788	1.29E-03
6006974130195	600697	4130195	4.32E-06	4.318	1.16E-03
6007074130195	600707	4130195	3.93E-06	3.933	1.06E-03
6007174130195	600717	4130195	3.62E-06	3.623	9.73E-04
6007274130195	600727	4130195	3.35E-06	3.349	9.00E-04
6007374130195	600737	4130195	3.11E-06	3.111	8.36E-04
6007474130195	600747	4130195	2.91E-06	2.908	7.81E-04
6007574130195	600757	4130195	2.73E-06	2.731	7.34E-04
6007674130195	600767	4130195	2.57E-06	2.572	6.91E-04
6007774130195	600777	4130195	2.43E-06	2.425	6.52E-04
6007874130195	600787	4130195	2.30E-06	2.296	6.17E-04
6007974130195	600797	4130195	2.18E-06	2.181	5.86E-04
6008074130195	600807	4130195	2.07E-06	2.075	5.58E-04
6008174130195	600817	4130195	1.98E-06	1.978	5.32E-04
6008274130195	600827	4130195	1.89E-06	1.891	5.08E-04
6008374130195	600837	4130195	1.81E-06	1.810	4.86E-04
6008474130195	600847	4130195	1.74E-06	1.736	4.66E-04

6002374130205	600237	4130205	3.85E-06	3.849	1.03E-03
6002474130205	600247	4130205	4.00E-06	4.003	1.08E-03
6002574130205	600257	4130205	4.16E-06	4.163	1.12E-03
6002674130205	600267	4130205	4.33E-06	4.329	1.16E-03
6002774130205	600277	4130205	4.50E-06	4.500	1.21E-03
6002874130205	600287	4130205	4.68E-06	4.679	1.26E-03
6002974130205	600297	4130205	4.87E-06	4.868	1.31E-03
6003074130205	600307	4130205	5.06E-06	5.063	1.36E-03
6003174130205	600317	4130205	5.26E-06	5.260	1.41E-03
6003274130205	600327	4130205	5.47E-06	5.467	1.47E-03
6003374130205	600337	4130205	5.68E-06	5.675	1.53E-03
6003474130205	600347	4130205	5.89E-06	5.892	1.58E-03
6003574130205	600357	4130205	6.12E-06	6.120	1.64E-03
6003674130205	600367	4130205	6.36E-06	6.360	1.71E-03
6003774130205	600377	4130205	6.62E-06	6.616	1.78E-03
6003874130205	600387	4130205	6.90E-06	6.899	1.85E-03
6003974130205	600397	4130205	7.22E-06	7.224	1.94E-03
6004074130205	600407	4130205	7.61E-06	7.614	2.05E-03
6004174130205	600417	4130205	8.11E-06	8.114	2.18E-03
6004274130205	600427	4130205	8.80E-06	8.801	2.36E-03
6004374130205	600437	4130205	9.86E-06	9.856	2.65E-03
6004474130205	600447	4130205	8.32E-06	8.324	2.24E-03
6004574130205	600457	4130205	8.52E-06	8.517	2.29E-03
6004674130205	600467	4130205	8.67E-06	8.671	2.33E-03
6004774130205	600477	4130205	1.01E-05	10.122	2.72E-03
6004874130205	600487	4130205	8.89E-06	8.890	2.39E-03
6004974130205	600497	4130205	8.05E-06	8.048	2.16E-03
6005074130205	600507	4130205	7.42E-06	7.416	1.99E-03
6005174130205	600517	4130205	6.93E-06	6.934	1.86E-03
6005274130205	600527	4130205	6.57E-06	6.569	1.77E-03
6005374130205	600537	4130205	6.30E-06	6.298	1.69E-03
6005474130205	600547	4130205	6.12E-06	6.115	1.64E-03
6005574130205	600557	4130205	6.02E-06	6.021	1.62E-03
6005674130205	600567	4130205	6.04E-06	6.037	1.62E-03
6005774130205	600577	4130205	6.19E-06	6.194	1.66E-03
6005874130205	600587	4130205	6.57E-06	6.566	1.76E-03
6005974130205	600597	4130205	7.31E-06	7.314	1.97E-03
6006074130205	600607	4130205	7.81E-06	7.809	2.10E-03
6006174130205	600617	4130205	7.70E-06	7.701	2.07E-03
6006274130205	600627	4130205	7.86E-06	7.857	2.11E-03
6006374130205	600637	4130205	9.17E-06	9.169	2.46E-03
6006474130205	600647	4130205	7.39E-06	7.390	1.99E-03
6006574130205	600657	4130205	6.24E-06	6.242	1.68E-03
6006674130205	600667	4130205	5.43E-06	5.428	1.46E-03
6006774130205	600677	4130205	4.81E-06	4.811	1.29E-03
6006874130205	600687	4130205	4.33E-06	4.327	1.16E-03
6006974130205	600697	4130205	3.93E-06	3.933	1.06E-03
6007074130205	600707	4130205	3.61E-06	3.606	9.69E-04
6007174130205	600717	4130205	3.33E-06	3.330	8.95E-04
6007274130205	600727	4130205	3.10E-06	3.099	8.33E-04
6007374130205	600737	4130205	2.89E-06	2.890	7.77E-04
6007474130205	600747	4130205	2.71E-06	2.707	7.27E-04
6007574130205	600757	4130205	2.55E-06	2.546	6.84E-04
6007674130205	600767	4130205	2.41E-06	2.406	6.47E-04
6007774130205	600777	4130205	2.28E-06	2.279	6.12E-04

6007874130205	600787	4130205	2.16E-06	2.161	5.81E-04
6007974130205	600797	4130205	2.06E-06	2.056	5.52E-04
6008074130205	600807	4130205	1.96E-06	1.960	5.27E-04
6008174130205	600817	4130205	1.87E-06	1.873	5.03E-04
6008274130205	600827	4130205	1.79E-06	1.793	4.82E-04
6008374130205	600837	4130205	1.72E-06	1.719	4.62E-04
6002474130215	600247	4130215	3.87E-06	3.868	1.04E-03
6002574130215	600257	4130215	4.01E-06	4.014	1.08E-03
6002674130215	600267	4130215	4.17E-06	4.166	1.12E-03
6002774130215	600277	4130215	4.32E-06	4.320	1.16E-03
6002874130215	600287	4130215	4.48E-06	4.478	1.20E-03
6002974130215	600297	4130215	4.64E-06	4.644	1.25E-03
6003074130215	600307	4130215	4.81E-06	4.810	1.29E-03
6003174130215	600317	4130215	4.98E-06	4.980	1.34E-03
6003274130215	600327	4130215	5.16E-06	5.160	1.39E-03
6003374130215	600337	4130215	5.33E-06	5.334	1.43E-03
6003474130215	600347	4130215	5.51E-06	5.512	1.48E-03
6003574130215	600357	4130215	5.70E-06	5.697	1.53E-03
6003674130215	600367	4130215	5.89E-06	5.887	1.58E-03
6003774130215	600377	4130215	6.09E-06	6.087	1.64E-03
6003874130215	600387	4130215	6.30E-06	6.301	1.69E-03
6003974130215	600397	4130215	6.54E-06	6.541	1.76E-03
6004074130215	600407	4130215	6.82E-06	6.820	1.83E-03
6004174130215	600417	4130215	7.16E-06	7.164	1.93E-03
6004274130215	600427	4130215	7.62E-06	7.617	2.05E-03
6004374130215	600437	4130215	8.25E-06	8.248	2.22E-03
6004474130215	600447	4130215	9.22E-06	9.217	2.48E-03
6004574130215	600457	4130215	9.06E-06	9.055	2.43E-03
6004674130215	600467	4130215	8.11E-06	8.105	2.18E-03
6004774130215	600477	4130215	7.94E-06	7.941	2.13E-03
6004874130215	600487	4130215	1.00E-05	10.000	2.69E-03
6004974130215	600497	4130215	8.70E-06	8.703	2.34E-03
6005074130215	600507	4130215	7.81E-06	7.815	2.10E-03
6005174130215	600517	4130215	7.19E-06	7.185	1.93E-03
6005274130215	600527	4130215	6.75E-06	6.751	1.81E-03
6005374130215	600537	4130215	6.46E-06	6.458	1.74E-03
6005474130215	600547	4130215	6.28E-06	6.283	1.69E-03
6005574130215	600557	4130215	6.23E-06	6.230	1.67E-03
6005674130215	600567	4130215	6.33E-06	6.334	1.70E-03
6005774130215	600577	4130215	6.65E-06	6.648	1.79E-03
6005874130215	600587	4130215	7.31E-06	7.311	1.96E-03
6005974130215	600597	4130215	8.72E-06	8.723	2.34E-03
6006074130215	600607	4130215	7.63E-06	7.628	2.05E-03
6006174130215	600617	4130215	8.02E-06	8.024	2.16E-03
6006274130215	600627	4130215	9.49E-06	9.489	2.55E-03
6006374130215	600637	4130215	7.56E-06	7.562	2.03E-03
6006474130215	600647	4130215	6.35E-06	6.351	1.71E-03
6006574130215	600657	4130215	5.49E-06	5.487	1.47E-03
6006674130215	600667	4130215	4.84E-06	4.842	1.30E-03
6006774130215	600677	4130215	4.34E-06	4.337	1.17E-03
6006874130215	600687	4130215	3.93E-06	3.928	1.06E-03
6006974130215	600697	4130215	3.59E-06	3.590	9.65E-04
6007074130215	600707	4130215	3.31E-06	3.312	8.90E-04
6007174130215	600717	4130215	3.07E-06	3.072	8.25E-04
6007274130215	600727	4130215	2.87E-06	2.868	7.71E-04

6007374130215	600737	4130215	2.69E-06	2.689	7.23E-04
6007474130215	600747	4130215	2.53E-06	2.525	6.79E-04
6007574130215	600757	4130215	2.38E-06	2.380	6.39E-04
6007674130215	600767	4130215	2.25E-06	2.252	6.05E-04
6007774130215	600777	4130215	2.14E-06	2.138	5.75E-04
6007874130215	600787	4130215	2.03E-06	2.034	5.47E-04
6007974130215	600797	4130215	1.94E-06	1.939	5.21E-04
6008074130215	600807	4130215	1.85E-06	1.852	4.98E-04
6008174130215	600817	4130215	1.77E-06	1.773	4.76E-04
6008274130215	600827	4130215	1.70E-06	1.700	4.57E-04
6002574130225	600257	4130225	3.87E-06	3.868	1.04E-03
6002674130225	600267	4130225	4.00E-06	4.004	1.08E-03
6002774130225	600277	4130225	4.14E-06	4.142	1.11E-03
6002874130225	600287	4130225	4.28E-06	4.285	1.15E-03
6002974130225	600297	4130225	4.43E-06	4.427	1.19E-03
6003074130225	600307	4130225	4.57E-06	4.569	1.23E-03
6003174130225	600317	4130225	4.72E-06	4.723	1.27E-03
6003274130225	600327	4130225	4.87E-06	4.873	1.31E-03
6003374130225	600337	4130225	5.02E-06	5.020	1.35E-03
6003474130225	600347	4130225	5.17E-06	5.166	1.39E-03
6003574130225	600357	4130225	5.32E-06	5.316	1.43E-03
6003674130225	600367	4130225	5.47E-06	5.468	1.47E-03
6003774130225	600377	4130225	5.62E-06	5.625	1.51E-03
6003874130225	600387	4130225	5.79E-06	5.790	1.56E-03
6003974130225	600397	4130225	5.97E-06	5.970	1.60E-03
6004074130225	600407	4130225	6.17E-06	6.175	1.66E-03
6004174130225	600417	4130225	6.42E-06	6.422	1.73E-03
6004274130225	600427	4130225	6.73E-06	6.734	1.81E-03
6004374130225	600437	4130225	7.15E-06	7.152	1.92E-03
6004474130225	600447	4130225	7.74E-06	7.744	2.08E-03
6004574130225	600457	4130225	8.64E-06	8.640	2.32E-03
6004674130225	600467	4130225	7.42E-06	7.418	1.99E-03
6004774130225	600477	4130225	7.76E-06	7.763	2.09E-03
6004874130225	600487	4130225	8.15E-06	8.148	2.19E-03
6004974130225	600497	4130225	9.97E-06	9.969	2.68E-03
6005074130225	600507	4130225	8.57E-06	8.573	2.30E-03
6005174130225	600517	4130225	7.66E-06	7.661	2.06E-03
6005274130225	600527	4130225	7.10E-06	7.095	1.91E-03
6005374130225	600537	4130225	6.74E-06	6.740	1.81E-03
6005474130225	600547	4130225	6.56E-06	6.558	1.76E-03
6005574130225	600557	4130225	6.56E-06	6.559	1.76E-03
6005674130225	600567	4130225	6.79E-06	6.788	1.82E-03
6005774130225	600577	4130225	7.35E-06	7.353	1.98E-03
6005874130225	600587	4130225	8.59E-06	8.594	2.31E-03
6005974130225	600597	4130225	7.76E-06	7.761	2.09E-03
6006074130225	600607	4130225	7.96E-06	7.958	2.14E-03
6006174130225	600617	4130225	9.83E-06	9.835	2.64E-03
6006274130225	600627	4130225	7.75E-06	7.753	2.08E-03
6006374130225	600637	4130225	6.46E-06	6.464	1.74E-03
6006474130225	600647	4130225	5.56E-06	5.561	1.49E-03
6006574130225	600657	4130225	4.88E-06	4.881	1.31E-03
6006674130225	600667	4130225	4.35E-06	4.351	1.17E-03
6006774130225	600677	4130225	3.93E-06	3.927	1.06E-03
6006874130225	600687	4130225	3.58E-06	3.576	9.61E-04
6006974130225	600697	4130225	3.29E-06	3.285	8.83E-04



6007074130225	600707	4130225	3.05E-06	3.045	8.18E-04
6007174130225	600717	4130225	2.84E-06	2.839	7.63E-04
6007274130225	600727	4130225	2.66E-06	2.660	7.15E-04
6007374130225	600737	4130225	2.50E-06	2.500	6.72E-04
6007474130225	600747	4130225	2.36E-06	2.358	6.33E-04
6007574130225	600757	4130225	2.23E-06	2.229	5.99E-04
6007674130225	600767	4130225	2.11E-06	2.112	5.67E-04
6007774130225	600777	4130225	2.01E-06	2.008	5.40E-04
6007874130225	600787	4130225	1.92E-06	1.915	5.15E-04
6007974130225	600797	4130225	1.83E-06	1.830	4.92E-04
6008074130225	600807	4130225	1.75E-06	1.751	4.71E-04
6008174130225	600817	4130225	1.68E-06	1.680	4.51E-04
6002674130235	600267	4130235	3.85E-06	3.847	1.03E-03
6002774130235	600277	4130235	3.97E-06	3.970	1.07E-03
6002874130235	600287	4130235	4.10E-06	4.096	1.10E-03
6002974130235	600297	4130235	4.22E-06	4.219	1.13E-03
6003074130235	600307	4130235	4.35E-06	4.347	1.17E-03
6003174130235	600317	4130235	4.48E-06	4.477	1.20E-03
6003274130235	600327	4130235	4.60E-06	4.603	1.24E-03
6003374130235	600337	4130235	4.73E-06	4.728	1.27E-03
6003474130235	600347	4130235	4.85E-06	4.850	1.30E-03
6003574130235	600357	4130235	4.97E-06	4.971	1.34E-03
6003674130235	600367	4130235	5.09E-06	5.094	1.37E-03
6003774130235	600377	4130235	5.22E-06	5.218	1.40E-03
6003874130235	600387	4130235	5.35E-06	5.346	1.44E-03
6003974130235	600397	4130235	5.48E-06	5.483	1.47E-03
6004074130235	600407	4130235	5.64E-06	5.637	1.51E-03
6004174130235	600417	4130235	5.82E-06	5.819	1.56E-03
6004274130235	600427	4130235	6.04E-06	6.044	1.62E-03
6004374130235	600437	4130235	6.33E-06	6.335	1.70E-03
6004474130235	600447	4130235	6.73E-06	6.730	1.81E-03
6004574130235	600457	4130235	7.29E-06	7.289	1.96E-03
6004674130235	600467	4130235	8.13E-06	8.127	2.18E-03
6004774130235	600477	4130235	8.10E-06	8.096	2.18E-03
6004874130235	600487	4130235	7.38E-06	7.384	1.98E-03
6004974130235	600497	4130235	7.43E-06	7.426	2.00E-03
6005074130235	600507	4130235	8.36E-06	8.360	2.25E-03
6005174130235	600517	4130235	8.55E-06	8.553	2.30E-03
6005274130235	600527	4130235	7.67E-06	7.675	2.06E-03
6005374130235	600537	4130235	7.19E-06	7.189	1.93E-03
6005474130235	600547	4130235	6.98E-06	6.981	1.88E-03
6005574130235	600557	4130235	7.06E-06	7.055	1.90E-03
6005674130235	600567	4130235	7.48E-06	7.481	2.01E-03
6005774130235	600577	4130235	8.53E-06	8.533	2.29E-03
6005874130235	600587	4130235	7.61E-06	7.606	2.04E-03
6005974130235	600597	4130235	8.43E-06	8.433	2.27E-03
6006074130235	600607	4130235	8.89E-06	8.894	2.39E-03
6006174130235	600617	4130235	7.96E-06	7.959	2.14E-03
6006274130235	600627	4130235	6.58E-06	6.581	1.77E-03
6006374130235	600637	4130235	5.63E-06	5.627	1.51E-03
6006474130235	600647	4130235	4.92E-06	4.917	1.32E-03
6006574130235	600657	4130235	4.36E-06	4.364	1.17E-03
6006674130235	600667	4130235	3.92E-06	3.923	1.05E-03
6006774130235	600677	4130235	3.56E-06	3.564	9.58E-04
6006874130235	600687	4130235	3.26E-06	3.265	8.77E-04

6006974130235	600697	4130235	3.01E-06	3.015	8.10E-04
6007074130235	600707	4130235	2.81E-06	2.807	7.54E-04
6007174130235	600717	4130235	2.63E-06	2.625	7.05E-04
6007274130235	600727	4130235	2.47E-06	2.468	6.63E-04
6007374130235	600737	4130235	2.33E-06	2.326	6.25E-04
6007474130235	600747	4130235	2.20E-06	2.199	5.91E-04
6007574130235	600757	4130235	2.09E-06	2.085	5.60E-04
6007674130235	600767	4130235	1.98E-06	1.983	5.33E-04
6007774130235	600777	4130235	1.89E-06	1.889	5.07E-04
6007874130235	600787	4130235	1.80E-06	1.803	4.85E-04
6007974130235	600797	4130235	1.73E-06	1.727	4.64E-04
6008074130235	600807	4130235	1.66E-06	1.657	4.45E-04
6002774130245	600277	4130245	3.80E-06	3.805	1.02E-03
6002874130245	600287	4130245	3.91E-06	3.913	1.05E-03
6002974130245	600297	4130245	4.02E-06	4.023	1.08E-03
6003074130245	600307	4130245	4.14E-06	4.135	1.11E-03
6003174130245	600317	4130245	4.24E-06	4.244	1.14E-03
6003274130245	600327	4130245	4.35E-06	4.351	1.17E-03
6003374130245	600337	4130245	4.46E-06	4.456	1.20E-03
6003474130245	600347	4130245	4.56E-06	4.560	1.23E-03
6003574130245	600357	4130245	4.66E-06	4.659	1.25E-03
6003674130245	600367	4130245	4.76E-06	4.757	1.28E-03
6003774130245	600377	4130245	4.86E-06	4.855	1.30E-03
6003874130245	600387	4130245	4.96E-06	4.955	1.33E-03
6003974130245	600397	4130245	5.06E-06	5.061	1.36E-03
6004074130245	600407	4130245	5.18E-06	5.179	1.39E-03
6004174130245	600417	4130245	5.32E-06	5.316	1.43E-03
6004274130245	600427	4130245	5.48E-06	5.482	1.47E-03
6004374130245	600437	4130245	5.69E-06	5.693	1.53E-03
6004474130245	600447	4130245	5.97E-06	5.971	1.60E-03
6004574130245	600457	4130245	6.35E-06	6.350	1.71E-03
6004674130245	600467	4130245	6.89E-06	6.885	1.85E-03
6004774130245	600477	4130245	7.68E-06	7.678	2.06E-03
6004874130245	600487	4130245	9.00E-06	8.996	2.42E-03
6004974130245	600497	4130245	7.23E-06	7.227	1.94E-03
6005074130245	600507	4130245	6.32E-06	6.319	1.70E-03
6005174130245	600517	4130245	8.66E-06	8.664	2.33E-03
6005274130245	600527	4130245	8.70E-06	8.699	2.34E-03
6005374130245	600537	4130245	7.90E-06	7.904	2.12E-03
6005474130245	600547	4130245	7.62E-06	7.621	2.05E-03
6005574130245	600557	4130245	7.80E-06	7.798	2.10E-03
6005674130245	600567	4130245	8.60E-06	8.605	2.31E-03
6005774130245	600577	4130245	8.99E-06	8.995	2.42E-03
6005874130245	600587	4130245	8.08E-06	8.084	2.17E-03
6005974130245	600597	4130245	8.95E-06	8.946	2.40E-03
6006074130245	600607	4130245	8.17E-06	8.166	2.19E-03
6006174130245	600617	4130245	6.69E-06	6.687	1.80E-03
6006274130245	600627	4130245	5.69E-06	5.686	1.53E-03
6006374130245	600637	4130245	4.94E-06	4.944	1.33E-03
6006474130245	600647	4130245	4.37E-06	4.370	1.17E-03
6006574130245	600657	4130245	3.92E-06	3.917	1.05E-03
6006674130245	600667	4130245	3.55E-06	3.547	9.53E-04
6006774130245	600677	4130245	3.24E-06	3.241	8.71E-04
6006874130245	600687	4130245	2.99E-06	2.986	8.02E-04
6006974130245	600697	4130245	2.77E-06	2.771	7.44E-04

6007074130245	600707	4130245	2.59E-06	2.590	6.96E-04
6007174130245	600717	4130245	2.43E-06	2.430	6.53E-04
6007274130245	600727	4130245	2.29E-06	2.291	6.15E-04
6007374130245	600737	4130245	2.17E-06	2.168	5.83E-04
6007474130245	600747	4130245	2.05E-06	2.055	5.52E-04
6007574130245	600757	4130245	1.95E-06	1.953	5.25E-04
6007674130245	600767	4130245	1.86E-06	1.861	5.00E-04
6007774130245	600777	4130245	1.78E-06	1.777	4.78E-04
6007874130245	600787	4130245	1.70E-06	1.702	4.57E-04
6007974130245	600797	4130245	1.63E-06	1.632	4.39E-04
6002874130255	600287	4130255	3.74E-06	3.739	1.00E-03
6002974130255	600297	4130255	3.84E-06	3.837	1.03E-03
6003074130255	600307	4130255	3.93E-06	3.931	1.06E-03
6003174130255	600317	4130255	4.02E-06	4.024	1.08E-03
6003274130255	600327	4130255	4.11E-06	4.114	1.11E-03
6003374130255	600337	4130255	4.20E-06	4.203	1.13E-03
6003474130255	600347	4130255	4.29E-06	4.290	1.15E-03
6003574130255	600357	4130255	4.37E-06	4.373	1.18E-03
6003674130255	600367	4130255	4.45E-06	4.452	1.20E-03
6003774130255	600377	4130255	4.53E-06	4.530	1.22E-03
6003874130255	600387	4130255	4.61E-06	4.609	1.24E-03
6003974130255	600397	4130255	4.69E-06	4.692	1.26E-03
6004074130255	600407	4130255	4.78E-06	4.783	1.29E-03
6004174130255	600417	4130255	4.89E-06	4.887	1.31E-03
6004274130255	600427	4130255	5.01E-06	5.013	1.35E-03
6004374130255	600437	4130255	5.17E-06	5.170	1.39E-03
6004474130255	600447	4130255	5.37E-06	5.374	1.44E-03
6004574130255	600457	4130255	5.65E-06	5.645	1.52E-03
6004674130255	600467	4130255	6.02E-06	6.015	1.62E-03
6004774130255	600477	4130255	6.54E-06	6.537	1.76E-03
6004874130255	600487	4130255	7.30E-06	7.303	1.96E-03
6004974130255	600497	4130255	8.53E-06	8.532	2.29E-03
6005074130255	600507	4130255	6.89E-06	6.885	1.85E-03
6005174130255	600517	4130255	7.15E-06	7.154	1.92E-03
6005274130255	600527	4130255	8.50E-06	8.495	2.28E-03
6005374130255	600537	4130255	9.09E-06	9.088	2.44E-03
6005474130255	600547	4130255	8.59E-06	8.592	2.31E-03
6005574130255	600557	4130255	8.94E-06	8.944	2.40E-03
6005674130255	600567	4130255	7.86E-06	7.865	2.11E-03
6005774130255	600577	4130255	8.41E-06	8.413	2.26E-03
6005874130255	600587	4130255	9.28E-06	9.279	2.49E-03
6005974130255	600597	4130255	8.35E-06	8.350	2.24E-03
6006074130255	600607	4130255	6.78E-06	6.776	1.82E-03
6006174130255	600617	4130255	5.72E-06	5.719	1.54E-03
6006274130255	600627	4130255	4.95E-06	4.954	1.33E-03
6006374130255	600637	4130255	4.37E-06	4.366	1.17E-03
6006474130255	600647	4130255	3.90E-06	3.900	1.05E-03
6006574130255	600657	4130255	3.52E-06	3.524	9.47E-04
6006674130255	600667	4130255	3.21E-06	3.214	8.64E-04
6006774130255	600677	4130255	2.96E-06	2.956	7.94E-04
6006874130255	600687	4130255	2.74E-06	2.738	7.36E-04
6006974130255	600697	4130255	2.55E-06	2.552	6.86E-04
6007074130255	600707	4130255	2.39E-06	2.392	6.43E-04
6007174130255	600717	4130255	2.25E-06	2.250	6.05E-04
6007274130255	600727	4130255	2.13E-06	2.128	5.72E-04

6007374130255	600737	4130255	2.02E-06	2.021	5.43E-04
6007474130255	600747	4130255	1.92E-06	1.923	5.17E-04
6007574130255	600757	4130255	1.83E-06	1.831	4.92E-04
6007674130255	600767	4130255	1.75E-06	1.748	4.70E-04
6007774130255	600777	4130255	1.67E-06	1.674	4.50E-04
6007874130255	600787	4130255	1.61E-06	1.606	4.32E-04
6002974130265	600297	4130265	3.66E-06	3.658	9.83E-04
6003074130265	600307	4130265	3.74E-06	3.738	1.00E-03
6003174130265	600317	4130265	3.82E-06	3.818	1.03E-03
6003274130265	600327	4130265	3.89E-06	3.895	1.05E-03
6003374130265	600337	4130265	3.97E-06	3.970	1.07E-03
6003474130265	600347	4130265	4.04E-06	4.042	1.09E-03
6003574130265	600357	4130265	4.11E-06	4.110	1.10E-03
6003674130265	600367	4130265	4.17E-06	4.174	1.12E-03
6003774130265	600377	4130265	4.24E-06	4.237	1.14E-03
6003874130265	600387	4130265	4.30E-06	4.299	1.16E-03
6003974130265	600397	4130265	4.36E-06	4.364	1.17E-03
6004074130265	600407	4130265	4.44E-06	4.435	1.19E-03
6004174130265	600417	4130265	4.52E-06	4.517	1.21E-03
6004274130265	600427	4130265	4.61E-06	4.613	1.24E-03
6004374130265	600437	4130265	4.73E-06	4.733	1.27E-03
6004474130265	600447	4130265	4.89E-06	4.887	1.31E-03
6004574130265	600457	4130265	5.09E-06	5.088	1.37E-03
6004674130265	600467	4130265	5.36E-06	5.356	1.44E-03
6004774130265	600477	4130265	5.72E-06	5.721	1.54E-03
6004874130265	600487	4130265	6.23E-06	6.232	1.67E-03
6004974130265	600497	4130265	6.97E-06	6.973	1.87E-03
6005074130265	600507	4130265	8.13E-06	8.129	2.18E-03
6005174130265	600517	4130265	8.03E-06	8.035	2.16E-03
6005274130265	600527	4130265	7.20E-06	7.205	1.94E-03
6005374130265	600537	4130265	7.37E-06	7.369	1.98E-03
6005474130265	600547	4130265	1.01E-05	10.070	2.71E-03
6005574130265	600557	4130265	9.48E-06	9.476	2.55E-03
6005674130265	600567	4130265	8.35E-06	8.346	2.24E-03
6005774130265	600577	4130265	7.91E-06	7.907	2.12E-03
6005874130265	600587	4130265	8.50E-06	8.495	2.28E-03
6005974130265	600597	4130265	6.81E-06	6.807	1.83E-03
6006074130265	600607	4130265	5.71E-06	5.706	1.53E-03
6006174130265	600617	4130265	4.92E-06	4.920	1.32E-03
6006274130265	600627	4130265	4.33E-06	4.332	1.16E-03
6006374130265	600637	4130265	3.87E-06	3.869	1.04E-03
6006474130265	600647	4130265	3.49E-06	3.490	9.38E-04
6006574130265	600657	4130265	3.18E-06	3.178	8.54E-04
6006674130265	600667	4130265	2.92E-06	2.922	7.85E-04
6006774130265	600677	4130265	2.70E-06	2.703	7.26E-04
6006874130265	600687	4130265	2.52E-06	2.516	6.76E-04
6006974130265	600697	4130265	2.36E-06	2.356	6.33E-04
6007074130265	600707	4130265	2.22E-06	2.218	5.96E-04
6007174130265	600717	4130265	2.09E-06	2.094	5.63E-04
6007274130265	600727	4130265	1.98E-06	1.984	5.33E-04
6007374130265	600737	4130265	1.89E-06	1.889	5.07E-04
6007474130265	600747	4130265	1.80E-06	1.803	4.84E-04
6007574130265	600757	4130265	1.72E-06	1.721	4.62E-04
6007674130265	600767	4130265	1.65E-06	1.646	4.42E-04
6007774130265	600777	4130265	1.58E-06	1.579	4.24E-04

6003074130275	600307	4130275	3.56E-06	3.558	9.56E-04
6003174130275	600317	4130275	3.63E-06	3.626	9.74E-04
6003274130275	600327	4130275	3.69E-06	3.691	9.92E-04
6003374130275	600337	4130275	3.75E-06	3.754	1.01E-03
6003474130275	600347	4130275	3.81E-06	3.813	1.02E-03
6003574130275	600357	4130275	3.87E-06	3.869	1.04E-03
6003674130275	600367	4130275	3.92E-06	3.921	1.05E-03
6003774130275	600377	4130275	3.97E-06	3.972	1.07E-03
6003874130275	600387	4130275	4.02E-06	4.021	1.08E-03
6003974130275	600397	4130275	4.07E-06	4.072	1.09E-03
6004074130275	600407	4130275	4.13E-06	4.128	1.11E-03
6004174130275	600417	4130275	4.19E-06	4.191	1.13E-03
6004274130275	600427	4130275	4.27E-06	4.266	1.15E-03
6004374130275	600437	4130275	4.36E-06	4.359	1.17E-03
6004474130275	600447	4130275	4.48E-06	4.476	1.20E-03
6004574130275	600457	4130275	4.63E-06	4.629	1.24E-03
6004674130275	600467	4130275	4.83E-06	4.829	1.30E-03
6004774130275	600477	4130275	5.10E-06	5.095	1.37E-03
6004874130275	600487	4130275	5.46E-06	5.456	1.47E-03
6004974130275	600497	4130275	5.95E-06	5.954	1.60E-03
6005074130275	600507	4130275	6.67E-06	6.669	1.79E-03
6005174130275	600517	4130275	7.78E-06	7.777	2.09E-03
6005274130275	600527	4130275	6.61E-06	6.607	1.78E-03
6005374130275	600537	4130275	7.28E-06	7.280	1.96E-03
6005474130275	600547	4130275	7.45E-06	7.455	2.00E-03
6005574130275	600557	4130275	8.56E-06	8.560	2.30E-03
6005674130275	600567	4130275	9.33E-06	9.334	2.51E-03
6005774130275	600577	4130275	8.46E-06	8.464	2.27E-03
6005874130275	600587	4130275	6.71E-06	6.707	1.80E-03
6005974130275	600597	4130275	5.60E-06	5.597	1.50E-03
6006074130275	600607	4130275	4.82E-06	4.821	1.30E-03
6006174130275	600617	4130275	4.25E-06	4.245	1.14E-03
6006274130275	600627	4130275	3.80E-06	3.801	1.02E-03
6006374130275	600637	4130275	3.44E-06	3.438	9.24E-04
6006474130275	600647	4130275	3.13E-06	3.131	8.41E-04
6006574130275	600657	4130275	2.88E-06	2.880	7.74E-04
6006674130275	600667	4130275	2.67E-06	2.667	7.17E-04
6006774130275	600677	4130275	2.48E-06	2.482	6.67E-04
6006874130275	600687	4130275	2.32E-06	2.321	6.24E-04
6006974130275	600697	4130275	2.18E-06	2.183	5.87E-04
6007074130275	600707	4130275	2.06E-06	2.061	5.54E-04
6007174130275	600717	4130275	1.95E-06	1.953	5.25E-04
6007274130275	600727	4130275	1.86E-06	1.856	4.99E-04
6007374130275	600737	4130275	1.77E-06	1.769	4.75E-04
6007474130275	600747	4130275	1.69E-06	1.691	4.55E-04
6007574130275	600757	4130275	1.62E-06	1.619	4.35E-04
6007674130275	600767	4130275	1.55E-06	1.552	4.17E-04
6003274130285	600327	4130285	3.50E-06	3.501	9.41E-04
6003374130285	600337	4130285	3.55E-06	3.553	9.55E-04
6003474130285	600347	4130285	3.60E-06	3.601	9.68E-04
6003574130285	600357	4130285	3.65E-06	3.647	9.80E-04
6003674130285	600367	4130285	3.69E-06	3.689	9.91E-04
6003774130285	600377	4130285	3.73E-06	3.729	1.00E-03
6003874130285	600387	4130285	3.77E-06	3.769	1.01E-03
6003974130285	600397	4130285	3.81E-06	3.810	1.02E-03

6004074130285	600407	4130285	3.85E-06	3.853	1.04E-03
6004174130285	600417	4130285	3.90E-06	3.901	1.05E-03
6004274130285	600427	4130285	3.96E-06	3.960	1.06E-03
6004374130285	600437	4130285	4.03E-06	4.032	1.08E-03
6004474130285	600447	4130285	4.12E-06	4.123	1.11E-03
6004574130285	600457	4130285	4.24E-06	4.240	1.14E-03
6004674130285	600467	4130285	4.39E-06	4.391	1.18E-03
6004774130285	600477	4130285	4.59E-06	4.589	1.23E-03
6004874130285	600487	4130285	4.85E-06	4.849	1.30E-03
6004974130285	600497	4130285	5.20E-06	5.197	1.40E-03
6005074130285	600507	4130285	5.67E-06	5.674	1.52E-03
6005174130285	600517	4130285	6.35E-06	6.355	1.71E-03
6005274130285	600527	4130285	7.38E-06	7.384	1.98E-03
6005374130285	600537	4130285	7.47E-06	7.470	2.01E-03
6005474130285	600547	4130285	6.85E-06	6.846	1.84E-03
6005574130285	600557	4130285	6.48E-06	6.481	1.74E-03
6005674130285	600567	4130285	7.93E-06	7.935	2.13E-03
6005774130285	600577	4130285	6.35E-06	6.347	1.71E-03
6005874130285	600587	4130285	5.34E-06	5.343	1.44E-03
6005974130285	600597	4130285	4.64E-06	4.637	1.25E-03
6006074130285	600607	4130285	4.11E-06	4.108	1.10E-03
6006174130285	600617	4130285	3.70E-06	3.697	9.93E-04
6006274130285	600627	4130285	3.36E-06	3.361	9.03E-04
6006374130285	600637	4130285	3.07E-06	3.073	8.26E-04
6006474130285	600647	4130285	2.83E-06	2.830	7.60E-04
6006574130285	600657	4130285	2.63E-06	2.627	7.06E-04
6006674130285	600667	4130285	2.45E-06	2.449	6.58E-04
6006774130285	600677	4130285	2.29E-06	2.291	6.16E-04
6006874130285	600687	4130285	2.15E-06	2.151	5.78E-04
6006974130285	600697	4130285	2.03E-06	2.029	5.45E-04
6007074130285	600707	4130285	1.92E-06	1.923	5.17E-04
6007174130285	600717	4130285	1.83E-06	1.826	4.91E-04
6007274130285	600727	4130285	1.74E-06	1.739	4.67E-04
6007374130285	600737	4130285	1.66E-06	1.662	4.47E-04
6007474130285	600747	4130285	1.59E-06	1.590	4.27E-04
6007574130285	600757	4130285	1.53E-06	1.526	4.10E-04
6003474130295	600347	4130295	3.41E-06	3.405	9.15E-04
6003574130295	600357	4130295	3.44E-06	3.442	9.25E-04
6003674130295	600367	4130295	3.48E-06	3.476	9.34E-04
6003774130295	600377	4130295	3.51E-06	3.508	9.43E-04
6003874130295	600387	4130295	3.54E-06	3.539	9.51E-04
6003974130295	600397	4130295	3.57E-06	3.571	9.60E-04
6004074130295	600407	4130295	3.60E-06	3.604	9.69E-04
6004174130295	600417	4130295	3.64E-06	3.642	9.79E-04
6004274130295	600427	4130295	3.69E-06	3.687	9.91E-04
6004374130295	600437	4130295	3.74E-06	3.742	1.01E-03
6004474130295	600447	4130295	3.81E-06	3.813	1.02E-03
6004574130295	600457	4130295	3.90E-06	3.902	1.05E-03
6004674130295	600467	4130295	4.02E-06	4.016	1.08E-03
6004774130295	600477	4130295	4.16E-06	4.162	1.12E-03
6004874130295	600487	4130295	4.35E-06	4.349	1.17E-03
6004974130295	600497	4130295	4.59E-06	4.589	1.23E-03
6005074130295	600507	4130295	4.90E-06	4.904	1.32E-03
6005174130295	600517	4130295	5.32E-06	5.319	1.43E-03
6005274130295	600527	4130295	5.86E-06	5.860	1.57E-03

6005374130295	600537	4130295	6.53E-06	6.534	1.76E-03
6005474130295	600547	4130295	7.05E-06	7.051	1.89E-03
6005574130295	600557	4130295	6.51E-06	6.511	1.75E-03
6005674130295	600567	4130295	5.62E-06	5.621	1.51E-03
6005774130295	600577	4130295	4.93E-06	4.927	1.32E-03
6005874130295	600587	4130295	4.36E-06	4.363	1.17E-03
6005974130295	600597	4130295	3.92E-06	3.916	1.05E-03
6006074130295	600607	4130295	3.55E-06	3.554	9.55E-04
6006174130295	600617	4130295	3.26E-06	3.256	8.75E-04
6006274130295	600627	4130295	3.00E-06	2.998	8.06E-04
6006374130295	600637	4130295	2.77E-06	2.772	7.45E-04
6006474130295	600647	4130295	2.58E-06	2.578	6.93E-04
6006574130295	600657	4130295	2.41E-06	2.409	6.47E-04
6006674130295	600667	4130295	2.26E-06	2.259	6.07E-04
6006774130295	600677	4130295	2.12E-06	2.122	5.70E-04
6006874130295	600687	4130295	2.00E-06	2.003	5.38E-04
6006974130295	600697	4130295	1.89E-06	1.895	5.09E-04
6007074130295	600707	4130295	1.80E-06	1.800	4.84E-04
6007174130295	600717	4130295	1.71E-06	1.714	4.61E-04
6007274130295	600727	4130295	1.64E-06	1.636	4.40E-04
6007374130295	600737	4130295	1.57E-06	1.566	4.21E-04
6007474130295	600747	4130295	1.50E-06	1.502	4.04E-04
6003574130305	600357	4130305	3.25E-06	3.254	8.74E-04
6003674130305	600367	4130305	3.28E-06	3.280	8.81E-04
6003774130305	600377	4130305	3.30E-06	3.305	8.88E-04
6003874130305	600387	4130305	3.33E-06	3.329	8.94E-04
6003974130305	600397	4130305	3.35E-06	3.353	9.01E-04
6004074130305	600407	4130305	3.38E-06	3.379	9.08E-04
6004174130305	600417	4130305	3.41E-06	3.407	9.16E-04
6004274130305	600427	4130305	3.44E-06	3.441	9.25E-04
6004374130305	600437	4130305	3.48E-06	3.483	9.36E-04
6004474130305	600447	4130305	3.54E-06	3.536	9.50E-04
6004574130305	600457	4130305	3.60E-06	3.604	9.68E-04
6004674130305	600467	4130305	3.69E-06	3.688	9.91E-04
6004774130305	600477	4130305	3.79E-06	3.793	1.02E-03
6004874130305	600487	4130305	3.92E-06	3.924	1.05E-03
6004974130305	600497	4130305	4.08E-06	4.084	1.10E-03
6005074130305	600507	4130305	4.28E-06	4.283	1.15E-03
6005174130305	600517	4130305	4.52E-06	4.515	1.21E-03
6005274130305	600527	4130305	4.76E-06	4.759	1.28E-03
6005374130305	600537	4130305	4.96E-06	4.963	1.33E-03
6005474130305	600547	4130305	5.01E-06	5.005	1.35E-03
6005574130305	600557	4130305	4.79E-06	4.786	1.29E-03
6005674130305	600567	4130305	4.41E-06	4.407	1.18E-03
6005774130305	600577	4130305	4.03E-06	4.026	1.08E-03
6005874130305	600587	4130305	3.69E-06	3.690	9.92E-04
6005974130305	600597	4130305	3.39E-06	3.392	9.12E-04
6006074130305	600607	4130305	3.13E-06	3.132	8.42E-04
6006174130305	600617	4130305	2.90E-06	2.902	7.80E-04
6006274130305	600627	4130305	2.70E-06	2.702	7.26E-04
6006374130305	600637	4130305	2.52E-06	2.523	6.78E-04
6006474130305	600647	4130305	2.36E-06	2.365	6.35E-04
6006574130305	600657	4130305	2.22E-06	2.223	5.97E-04
6006674130305	600667	4130305	2.10E-06	2.095	5.63E-04
6006774130305	600677	4130305	1.98E-06	1.976	5.31E-04

6006874130305	600687	4130305	1.87E-06	1.869	5.02E-04
6006974130305	600697	4130305	1.77E-06	1.774	4.77E-04
6007074130305	600707	4130305	1.69E-06	1.691	4.54E-04
6007174130305	600717	4130305	1.61E-06	1.614	4.34E-04
6007274130305	600727	4130305	1.54E-06	1.543	4.15E-04
6003774130315	600377	4130315	3.12E-06	3.117	8.38E-04
6003874130315	600387	4130315	3.13E-06	3.135	8.42E-04
6003974130315	600397	4130315	3.15E-06	3.153	8.47E-04
6004074130315	600407	4130315	3.17E-06	3.173	8.52E-04
6004174130315	600417	4130315	3.19E-06	3.193	8.58E-04
6004274130315	600427	4130315	3.22E-06	3.218	8.65E-04
6004374130315	600437	4130315	3.25E-06	3.249	8.73E-04
6004474130315	600447	4130315	3.29E-06	3.287	8.83E-04
6004574130315	600457	4130315	3.34E-06	3.336	8.96E-04
6004674130315	600467	4130315	3.40E-06	3.397	9.13E-04
6004774130315	600477	4130315	3.47E-06	3.469	9.32E-04
6004874130315	600487	4130315	3.56E-06	3.557	9.56E-04
6004974130315	600497	4130315	3.66E-06	3.659	9.83E-04
6005074130315	600507	4130315	3.78E-06	3.777	1.01E-03
6005174130315	600517	4130315	3.89E-06	3.891	1.05E-03
6005274130315	600527	4130315	3.99E-06	3.991	1.07E-03
6005374130315	600537	4130315	4.04E-06	4.035	1.08E-03
6005474130315	600547	4130315	4.01E-06	4.006	1.08E-03
6005574130315	600557	4130315	3.87E-06	3.868	1.04E-03
6005674130315	600567	4130315	3.67E-06	3.667	9.85E-04
6005774130315	600577	4130315	3.44E-06	3.437	9.24E-04
6005874130315	600587	4130315	3.20E-06	3.205	8.61E-04
6005974130315	600597	4130315	3.00E-06	2.996	8.05E-04
6006074130315	600607	4130315	2.80E-06	2.803	7.53E-04
6006174130315	600617	4130315	2.62E-06	2.624	7.05E-04
6006274130315	600627	4130315	2.46E-06	2.462	6.62E-04
6006374130315	600637	4130315	2.32E-06	2.319	6.23E-04
6006474130315	600647	4130315	2.18E-06	2.184	5.87E-04
6006574130315	600657	4130315	2.06E-06	2.063	5.54E-04
6006674130315	600667	4130315	1.95E-06	1.951	5.24E-04
6006774130315	600677	4130315	1.85E-06	1.848	4.97E-04
6006874130315	600687	4130315	1.75E-06	1.754	4.71E-04
6006974130315	600697	4130315	1.67E-06	1.669	4.49E-04
6007074130315	600707	4130315	1.59E-06	1.594	4.28E-04
6003974130325	600397	4130325	2.97E-06	2.968	7.98E-04
6004074130325	600407	4130325	2.98E-06	2.983	8.01E-04
6004174130325	600417	4130325	3.00E-06	2.997	8.05E-04
6004274130325	600427	4130325	3.01E-06	3.014	8.10E-04
6004374130325	600437	4130325	3.04E-06	3.035	8.16E-04
6004474130325	600447	4130325	3.06E-06	3.062	8.23E-04
6004574130325	600457	4130325	3.10E-06	3.095	8.32E-04
6004674130325	600467	4130325	3.14E-06	3.136	8.43E-04
6004774130325	600477	4130325	3.18E-06	3.183	8.55E-04
6004874130325	600487	4130325	3.24E-06	3.240	8.71E-04
6004974130325	600497	4130325	3.30E-06	3.302	8.87E-04
6005074130325	600507	4130325	3.36E-06	3.364	9.04E-04
6005174130325	600517	4130325	3.41E-06	3.414	9.17E-04
6005274130325	600527	4130325	3.44E-06	3.437	9.24E-04
6005374130325	600537	4130325	3.44E-06	3.438	9.24E-04
6005474130325	600547	4130325	3.39E-06	3.388	9.11E-04



6005574130325	600557	4130325	3.29E-06	3.291	8.84E-04
6005674130325	600567	4130325	3.16E-06	3.158	8.48E-04
6005774130325	600577	4130325	3.01E-06	3.007	8.08E-04
6005874130325	600587	4130325	2.85E-06	2.846	7.65E-04
6005974130325	600597	4130325	2.69E-06	2.686	7.22E-04
6006074130325	600607	4130325	2.54E-06	2.536	6.82E-04
6006174130325	600617	4130325	2.40E-06	2.396	6.44E-04
6006274130325	600627	4130325	2.26E-06	2.263	6.08E-04
6006374130325	600637	4130325	2.14E-06	2.142	5.75E-04
6006474130325	600647	4130325	2.03E-06	2.028	5.45E-04
6006574130325	600657	4130325	1.92E-06	1.923	5.17E-04
6006674130325	600667	4130325	1.83E-06	1.827	4.91E-04
6006774130325	600677	4130325	1.74E-06	1.735	4.66E-04
6006874130325	600687	4130325	1.65E-06	1.652	4.44E-04
6004174130335	600417	4130335	2.82E-06	2.816	7.57E-04
6004274130335	600427	4130335	2.83E-06	2.827	7.60E-04
6004374130335	600437	4130335	2.84E-06	2.841	7.63E-04
6004474130335	600447	4130335	2.86E-06	2.858	7.68E-04
6004574130335	600457	4130335	2.88E-06	2.878	7.73E-04
6004674130335	600467	4130335	2.90E-06	2.902	7.80E-04
6004774130335	600477	4130335	2.93E-06	2.931	7.88E-04
6004874130335	600487	4130335	2.96E-06	2.965	7.97E-04
6004974130335	600497	4130335	3.00E-06	2.999	8.06E-04
6005074130335	600507	4130335	3.03E-06	3.026	8.13E-04
6005174130335	600517	4130335	3.04E-06	3.037	8.16E-04
6005274130335	600527	4130335	3.04E-06	3.037	8.16E-04
6005374130335	600537	4130335	3.01E-06	3.014	8.10E-04
6005474130335	600547	4130335	2.97E-06	2.966	7.97E-04
6005574130335	600557	4130335	2.89E-06	2.892	7.77E-04
6005674130335	600567	4130335	2.79E-06	2.793	7.51E-04
6005774130335	600577	4130335	2.68E-06	2.679	7.20E-04
6005874130335	600587	4130335	2.56E-06	2.558	6.87E-04
6005974130335	600597	4130335	2.44E-06	2.438	6.55E-04
6006074130335	600607	4130335	2.32E-06	2.318	6.23E-04
6006174130335	600617	4130335	2.21E-06	2.206	5.93E-04
6006274130335	600627	4130335	2.10E-06	2.096	5.63E-04
6006374130335	600637	4130335	1.99E-06	1.992	5.35E-04
6006474130335	600647	4130335	1.89E-06	1.895	5.09E-04
6006574130335	600657	4130335	1.80E-06	1.802	4.84E-04
6006674130335	600667	4130335	1.72E-06	1.716	4.61E-04
6004474130345	600447	4130345	2.67E-06	2.672	7.18E-04
6004574130345	600457	4130345	2.68E-06	2.683	7.21E-04
6004674130345	600467	4130345	2.70E-06	2.695	7.24E-04
6004774130345	600477	4130345	2.71E-06	2.712	7.29E-04
6004874130345	600487	4130345	2.73E-06	2.728	7.33E-04
6004974130345	600497	4130345	2.74E-06	2.741	7.36E-04
6005074130345	600507	4130345	2.75E-06	2.746	7.38E-04
6005174130345	600517	4130345	2.74E-06	2.741	7.36E-04
6005274130345	600527	4130345	2.73E-06	2.728	7.33E-04
6005374130345	600537	4130345	2.70E-06	2.696	7.25E-04
6005474130345	600547	4130345	2.65E-06	2.652	7.13E-04
6005574130345	600557	4130345	2.59E-06	2.591	6.96E-04
6005674130345	600567	4130345	2.51E-06	2.513	6.75E-04
6005774130345	600577	4130345	2.42E-06	2.423	6.51E-04
6005874130345	600587	4130345	2.33E-06	2.325	6.25E-04

6005974130345	600597	4130345	2.23E-06	2.231	6.00E-04
6006074130345	600607	4130345	2.14E-06	2.136	5.74E-04
6006174130345	600617	4130345	2.04E-06	2.041	5.48E-04
6006274130345	600627	4130345	1.95E-06	1.949	5.24E-04
6005074130355	600507	4130355	2.51E-06	2.513	6.75E-04
6005174130355	600517	4130355	2.50E-06	2.501	6.72E-04
6005274130355	600527	4130355	2.48E-06	2.480	6.66E-04
6005374130355	600537	4130355	2.45E-06	2.447	6.58E-04
6005474130355	600547	4130355	2.41E-06	2.406	6.47E-04
6005574130355	600557	4130355	2.35E-06	2.355	6.33E-04
6005674130355	600567	4130355	2.29E-06	2.290	6.15E-04
6005774130355	600577	4130355	2.22E-06	2.218	5.96E-04
5997544130031	599754	4130031	4.41E-07	0.441	1.18E-04
5997644130031	599764	4130031	4.52E-07	0.452	1.22E-04
5997744130031	599774	4130031	4.64E-07	0.464	1.25E-04
5997844130031	599784	4130031	4.77E-07	0.477	1.28E-04
5997944130031	599794	4130031	4.90E-07	0.490	1.32E-04
5997544130041	599754	4130041	4.53E-07	0.453	1.22E-04
5997644130041	599764	4130041	4.65E-07	0.465	1.25E-04
5997744130041	599774	4130041	4.77E-07	0.477	1.28E-04
5997844130041	599784	4130041	4.90E-07	0.490	1.32E-04
5997944130041	599794	4130041	5.04E-07	0.504	1.36E-04
5998044130041	599804	4130041	5.19E-07	0.519	1.39E-04
5997544130051	599754	4130051	4.65E-07	0.465	1.25E-04
5997644130051	599764	4130051	4.77E-07	0.477	1.28E-04
5997744130051	599774	4130051	4.90E-07	0.490	1.32E-04
5997844130051	599784	4130051	5.04E-07	0.504	1.35E-04
5997944130051	599794	4130051	5.18E-07	0.518	1.39E-04
5998044130051	599804	4130051	5.33E-07	0.533	1.43E-04
5998144130051	599814	4130051	5.49E-07	0.549	1.48E-04
5997544130061	599754	4130061	4.78E-07	0.478	1.28E-04
5997644130061	599764	4130061	4.91E-07	0.491	1.32E-04
5997744130061	599774	4130061	5.04E-07	0.504	1.35E-04
5997844130061	599784	4130061	5.18E-07	0.518	1.39E-04
5997944130061	599794	4130061	5.33E-07	0.533	1.43E-04
5998044130061	599804	4130061	5.49E-07	0.549	1.47E-04
5998144130061	599814	4130061	5.65E-07	0.565	1.52E-04
5998244130061	599824	4130061	5.82E-07	0.582	1.56E-04
5998344130061	599834	4130061	6.00E-07	0.600	1.61E-04
5997544130071	599754	4130071	4.90E-07	0.490	1.32E-04
5997644130071	599764	4130071	5.04E-07	0.504	1.35E-04
5997744130071	599774	4130071	5.18E-07	0.518	1.39E-04
5997844130071	599784	4130071	5.32E-07	0.532	1.43E-04
5997944130071	599794	4130071	5.48E-07	0.548	1.47E-04
5998044130071	599804	4130071	5.64E-07	0.564	1.52E-04
5998144130071	599814	4130071	5.81E-07	0.581	1.56E-04
5998244130071	599824	4130071	5.99E-07	0.599	1.61E-04
5998344130071	599834	4130071	6.17E-07	0.617	1.66E-04
5998444130071	599844	4130071	6.37E-07	0.637	1.71E-04
5997544130081	599754	4130081	5.03E-07	0.503	1.35E-04
5997644130081	599764	4130081	5.17E-07	0.517	1.39E-04
5997744130081	599774	4130081	5.32E-07	0.532	1.43E-04
5997844130081	599784	4130081	5.47E-07	0.547	1.47E-04
5997944130081	599794	4130081	5.63E-07	0.563	1.51E-04
5998044130081	599804	4130081	5.79E-07	0.579	1.56E-04

5998144130081	599814	4130081	5.97E-07	0.597	1.60E-04
5998244130081	599824	4130081	6.15E-07	0.615	1.65E-04
5998344130081	599834	4130081	6.35E-07	0.635	1.71E-04
5998444130081	599844	4130081	6.55E-07	0.655	1.76E-04
5998544130081	599854	4130081	6.76E-07	0.676	1.82E-04
5997544130091	599754	4130091	5.16E-07	0.516	1.39E-04
5997644130091	599764	4130091	5.30E-07	0.530	1.42E-04
5997744130091	599774	4130091	5.45E-07	0.545	1.47E-04
5997844130091	599784	4130091	5.61E-07	0.561	1.51E-04
5997944130091	599794	4130091	5.78E-07	0.578	1.55E-04
5998044130091	599804	4130091	5.95E-07	0.595	1.60E-04
5998144130091	599814	4130091	6.13E-07	0.613	1.65E-04
5998244130091	599824	4130091	6.32E-07	0.632	1.70E-04
5998344130091	599834	4130091	6.52E-07	0.652	1.75E-04
5998444130091	599844	4130091	6.73E-07	0.673	1.81E-04
5998544130091	599854	4130091	6.95E-07	0.695	1.87E-04
5998644130091	599864	4130091	7.18E-07	0.718	1.93E-04
5997544130101	599754	4130101	5.29E-07	0.529	1.42E-04
5997644130101	599764	4130101	5.44E-07	0.544	1.46E-04
5997744130101	599774	4130101	5.59E-07	0.559	1.50E-04
5997844130101	599784	4130101	5.75E-07	0.575	1.55E-04
5997944130101	599794	4130101	5.92E-07	0.592	1.59E-04
5998044130101	599804	4130101	6.11E-07	0.611	1.64E-04
5998144130101	599814	4130101	6.29E-07	0.629	1.69E-04
5998244130101	599824	4130101	6.49E-07	0.649	1.74E-04
5998344130101	599834	4130101	6.69E-07	0.669	1.80E-04
5998444130101	599844	4130101	6.91E-07	0.691	1.86E-04
5998544130101	599854	4130101	7.14E-07	0.714	1.92E-04
5998644130101	599864	4130101	7.38E-07	0.738	1.98E-04
5998744130101	599874	4130101	7.63E-07	0.763	2.05E-04
5998844130101	599884	4130101	7.90E-07	0.790	2.12E-04
5997544130111	599754	4130111	5.42E-07	0.542	1.46E-04
5997644130111	599764	4130111	5.57E-07	0.557	1.50E-04
5997744130111	599774	4130111	5.73E-07	0.573	1.54E-04
5997844130111	599784	4130111	5.90E-07	0.590	1.59E-04
5997944130111	599794	4130111	6.07E-07	0.607	1.63E-04
5998044130111	599804	4130111	6.26E-07	0.626	1.68E-04
5998144130111	599814	4130111	6.45E-07	0.645	1.73E-04
5998244130111	599824	4130111	6.65E-07	0.665	1.79E-04
5998344130111	599834	4130111	6.87E-07	0.687	1.85E-04
5998444130111	599844	4130111	7.09E-07	0.709	1.91E-04
5998544130111	599854	4130111	7.33E-07	0.733	1.97E-04
5998644130111	599864	4130111	7.57E-07	0.757	2.04E-04
5998744130111	599874	4130111	7.83E-07	0.783	2.11E-04
5998844130111	599884	4130111	8.11E-07	0.811	2.18E-04
5998944130111	599894	4130111	8.40E-07	0.840	2.26E-04
5997544130121	599754	4130121	5.55E-07	0.555	1.49E-04
5997644130121	599764	4130121	5.71E-07	0.571	1.53E-04
5997744130121	599774	4130121	5.87E-07	0.587	1.58E-04
5997844130121	599784	4130121	6.05E-07	0.605	1.62E-04
5997944130121	599794	4130121	6.23E-07	0.623	1.67E-04
5998044130121	599804	4130121	6.42E-07	0.642	1.72E-04
5998144130121	599814	4130121	6.61E-07	0.661	1.78E-04
5998244130121	599824	4130121	6.82E-07	0.682	1.83E-04
5998344130121	599834	4130121	7.04E-07	0.704	1.89E-04

5998444130121	599844	4130121	7.27E-07	0.727	1.95E-04
5998544130121	599854	4130121	7.51E-07	0.751	2.02E-04
5998644130121	599864	4130121	7.77E-07	0.777	2.09E-04
5998744130121	599874	4130121	8.03E-07	0.803	2.16E-04
5998844130121	599884	4130121	8.32E-07	0.832	2.23E-04
5998944130121	599894	4130121	8.61E-07	0.861	2.31E-04
5999044130121	599904	4130121	8.93E-07	0.893	2.40E-04
5997544130131	599754	4130131	5.68E-07	0.568	1.53E-04
5997644130131	599764	4130131	5.84E-07	0.584	1.57E-04
5997744130131	599774	4130131	6.01E-07	0.601	1.61E-04
5997844130131	599784	4130131	6.19E-07	0.619	1.66E-04
5997944130131	599794	4130131	6.37E-07	0.637	1.71E-04
5998044130131	599804	4130131	6.57E-07	0.657	1.76E-04
5998144130131	599814	4130131	6.77E-07	0.677	1.82E-04
5998244130131	599824	4130131	6.98E-07	0.698	1.88E-04
5998344130131	599834	4130131	7.21E-07	0.721	1.94E-04
5998444130131	599844	4130131	7.45E-07	0.745	2.00E-04
5998544130131	599854	4130131	7.69E-07	0.769	2.07E-04
5998644130131	599864	4130131	7.95E-07	0.795	2.14E-04
5998744130131	599874	4130131	8.23E-07	0.823	2.21E-04
5998844130131	599884	4130131	8.52E-07	0.852	2.29E-04
5998944130131	599894	4130131	8.82E-07	0.882	2.37E-04
5999044130131	599904	4130131	9.15E-07	0.915	2.46E-04
5999144130131	599914	4130131	9.49E-07	0.949	2.55E-04
5997544130141	599754	4130141	5.80E-07	0.580	1.56E-04
5997644130141	599764	4130141	5.97E-07	0.597	1.60E-04
5997744130141	599774	4130141	6.15E-07	0.615	1.65E-04
5997844130141	599784	4130141	6.33E-07	0.633	1.70E-04
5997944130141	599794	4130141	6.52E-07	0.652	1.75E-04
5998044130141	599804	4130141	6.72E-07	0.672	1.81E-04
5998144130141	599814	4130141	6.92E-07	0.692	1.86E-04
5998244130141	599824	4130141	7.15E-07	0.715	1.92E-04
5998344130141	599834	4130141	7.38E-07	0.738	1.98E-04
5998444130141	599844	4130141	7.62E-07	0.762	2.05E-04
5998544130141	599854	4130141	7.87E-07	0.787	2.12E-04
5998644130141	599864	4130141	8.14E-07	0.814	2.19E-04
5998744130141	599874	4130141	8.42E-07	0.842	2.26E-04
5998844130141	599884	4130141	8.71E-07	0.871	2.34E-04
5998944130141	599894	4130141	9.03E-07	0.903	2.43E-04
5999044130141	599904	4130141	9.36E-07	0.936	2.51E-04
5999144130141	599914	4130141	9.70E-07	0.970	2.61E-04
5999244130141	599924	4130141	1.01E-06	1.007	2.71E-04
5997544130151	599754	4130151	5.93E-07	0.593	1.59E-04
5997644130151	599764	4130151	6.10E-07	0.610	1.64E-04
5997744130151	599774	4130151	6.28E-07	0.628	1.69E-04
5997844130151	599784	4130151	6.47E-07	0.647	1.74E-04
5997944130151	599794	4130151	6.66E-07	0.666	1.79E-04
5998044130151	599804	4130151	6.87E-07	0.687	1.85E-04
5998144130151	599814	4130151	7.08E-07	0.708	1.90E-04
5998244130151	599824	4130151	7.30E-07	0.730	1.96E-04
5998344130151	599834	4130151	7.54E-07	0.754	2.03E-04
5998444130151	599844	4130151	7.78E-07	0.778	2.09E-04
5998544130151	599854	4130151	8.04E-07	0.804	2.16E-04
5998644130151	599864	4130151	8.32E-07	0.832	2.23E-04
5998744130151	599874	4130151	8.60E-07	0.860	2.31E-04

5998844130151	599884	4130151	8.90E-07	0.890	2.39E-04
5998944130151	599894	4130151	9.22E-07	0.922	2.48E-04
5999044130151	599904	4130151	9.56E-07	0.956	2.57E-04
5999144130151	599914	4130151	9.91E-07	0.991	2.66E-04
5999244130151	599924	4130151	1.03E-06	1.029	2.76E-04
5999344130151	599934	4130151	1.07E-06	1.068	2.87E-04
5999444130151	599944	4130151	1.11E-06	1.111	2.98E-04
5997544130161	599754	4130161	6.06E-07	0.606	1.63E-04
5997644130161	599764	4130161	6.23E-07	0.623	1.67E-04
5997744130161	599774	4130161	6.41E-07	0.641	1.72E-04
5997844130161	599784	4130161	6.60E-07	0.660	1.77E-04
5997944130161	599794	4130161	6.80E-07	0.680	1.83E-04
5998044130161	599804	4130161	7.01E-07	0.701	1.88E-04
5998144130161	599814	4130161	7.23E-07	0.723	1.94E-04
5998244130161	599824	4130161	7.46E-07	0.746	2.00E-04
5998344130161	599834	4130161	7.70E-07	0.770	2.07E-04
5998444130161	599844	4130161	7.95E-07	0.795	2.14E-04
5998544130161	599854	4130161	8.21E-07	0.821	2.21E-04
5998644130161	599864	4130161	8.49E-07	0.849	2.28E-04
5998744130161	599874	4130161	8.78E-07	0.878	2.36E-04
5998844130161	599884	4130161	9.09E-07	0.909	2.44E-04
5998944130161	599894	4130161	9.41E-07	0.941	2.53E-04
5999044130161	599904	4130161	9.75E-07	0.975	2.62E-04
5999144130161	599914	4130161	1.01E-06	1.011	2.72E-04
5999244130161	599924	4130161	1.05E-06	1.049	2.82E-04
5999344130161	599934	4130161	1.09E-06	1.089	2.93E-04
5999444130161	599944	4130161	1.13E-06	1.131	3.04E-04
5999544130161	599954	4130161	1.18E-06	1.177	3.16E-04
5997544130171	599754	4130171	6.18E-07	0.618	1.66E-04
5997644130171	599764	4130171	6.36E-07	0.636	1.71E-04
5997744130171	599774	4130171	6.54E-07	0.654	1.76E-04
5997844130171	599784	4130171	6.74E-07	0.674	1.81E-04
5997944130171	599794	4130171	6.94E-07	0.694	1.86E-04
5998044130171	599804	4130171	7.15E-07	0.715	1.92E-04
5998144130171	599814	4130171	7.37E-07	0.737	1.98E-04
5998244130171	599824	4130171	7.60E-07	0.760	2.04E-04
5998344130171	599834	4130171	7.85E-07	0.785	2.11E-04
5998444130171	599844	4130171	8.10E-07	0.810	2.18E-04
5998544130171	599854	4130171	8.37E-07	0.837	2.25E-04
5998644130171	599864	4130171	8.65E-07	0.865	2.32E-04
5998744130171	599874	4130171	8.95E-07	0.895	2.40E-04
5998844130171	599884	4130171	9.26E-07	0.926	2.49E-04
5998944130171	599894	4130171	9.59E-07	0.959	2.58E-04
5999044130171	599904	4130171	9.92E-07	0.992	2.67E-04
5999144130171	599914	4130171	1.03E-06	1.029	2.77E-04
5999244130171	599924	4130171	1.07E-06	1.068	2.87E-04
5999344130171	599934	4130171	1.11E-06	1.108	2.98E-04
5999444130171	599944	4130171	1.15E-06	1.151	3.09E-04
5999544130171	599954	4130171	1.20E-06	1.196	3.21E-04
5999644130171	599964	4130171	1.24E-06	1.244	3.34E-04
5997544130181	599754	4130181	6.30E-07	0.630	1.69E-04
5997644130181	599764	4130181	6.48E-07	0.648	1.74E-04
5997744130181	599774	4130181	6.67E-07	0.667	1.79E-04
5997844130181	599784	4130181	6.86E-07	0.686	1.84E-04
5997944130181	599794	4130181	7.07E-07	0.707	1.90E-04

5998044130181	599804	4130181	7.29E-07	0.729	1.96E-04
5998144130181	599814	4130181	7.51E-07	0.751	2.02E-04
5998244130181	599824	4130181	7.75E-07	0.775	2.08E-04
5998344130181	599834	4130181	7.99E-07	0.799	2.15E-04
5998444130181	599844	4130181	8.25E-07	0.825	2.22E-04
5998544130181	599854	4130181	8.52E-07	0.852	2.29E-04
5998644130181	599864	4130181	8.81E-07	0.881	2.37E-04
5998744130181	599874	4130181	9.10E-07	0.910	2.45E-04
5998844130181	599884	4130181	9.42E-07	0.942	2.53E-04
5998944130181	599894	4130181	9.75E-07	0.975	2.62E-04
5999044130181	599904	4130181	1.01E-06	1.010	2.71E-04
5999144130181	599914	4130181	1.05E-06	1.046	2.81E-04
5999244130181	599924	4130181	1.08E-06	1.085	2.91E-04
5999344130181	599934	4130181	1.13E-06	1.125	3.02E-04
5999444130181	599944	4130181	1.17E-06	1.168	3.14E-04
5999544130181	599954	4130181	1.21E-06	1.213	3.26E-04
5999644130181	599964	4130181	1.26E-06	1.261	3.39E-04
5999744130181	599974	4130181	1.31E-06	1.312	3.52E-04
5997644130191	599764	4130191	6.60E-07	0.660	1.77E-04
5997744130191	599774	4130191	6.79E-07	0.679	1.83E-04
5997844130191	599784	4130191	6.99E-07	0.699	1.88E-04
5997944130191	599794	4130191	7.20E-07	0.720	1.93E-04
5998044130191	599804	4130191	7.42E-07	0.742	1.99E-04
5998144130191	599814	4130191	7.65E-07	0.765	2.06E-04
5998244130191	599824	4130191	7.89E-07	0.789	2.12E-04
5998344130191	599834	4130191	8.14E-07	0.814	2.19E-04
5998444130191	599844	4130191	8.39E-07	0.839	2.26E-04
5998544130191	599854	4130191	8.67E-07	0.867	2.33E-04
5998644130191	599864	4130191	8.96E-07	0.896	2.41E-04
5998744130191	599874	4130191	9.26E-07	0.926	2.49E-04
5998844130191	599884	4130191	9.57E-07	0.957	2.57E-04
5998944130191	599894	4130191	9.90E-07	0.990	2.66E-04
5999044130191	599904	4130191	1.03E-06	1.026	2.76E-04
5999144130191	599914	4130191	1.06E-06	1.062	2.85E-04
5999244130191	599924	4130191	1.10E-06	1.100	2.96E-04
5999344130191	599934	4130191	1.14E-06	1.141	3.07E-04
5999444130191	599944	4130191	1.18E-06	1.184	3.18E-04
5999544130191	599954	4130191	1.23E-06	1.229	3.30E-04
5999644130191	599964	4130191	1.28E-06	1.276	3.43E-04
5999744130191	599974	4130191	1.33E-06	1.327	3.56E-04
5999844130191	599984	4130191	1.38E-06	1.379	3.71E-04
5999944130191	599994	4130191	1.43E-06	1.435	3.86E-04
5997744130201	599774	4130201	6.91E-07	0.691	1.86E-04
5997844130201	599784	4130201	7.11E-07	0.711	1.91E-04
5997944130201	599794	4130201	7.33E-07	0.733	1.97E-04
5998044130201	599804	4130201	7.55E-07	0.755	2.03E-04
5998144130201	599814	4130201	7.78E-07	0.778	2.09E-04
5998244130201	599824	4130201	8.02E-07	0.802	2.15E-04
5998344130201	599834	4130201	8.27E-07	0.827	2.22E-04
5998444130201	599844	4130201	8.53E-07	0.853	2.29E-04
5998544130201	599854	4130201	8.81E-07	0.881	2.37E-04
5998644130201	599864	4130201	9.09E-07	0.909	2.44E-04
5998744130201	599874	4130201	9.40E-07	0.940	2.53E-04
5998844130201	599884	4130201	9.72E-07	0.972	2.61E-04
5998944130201	599894	4130201	1.00E-06	1.005	2.70E-04

5999044130201	599904	4130201	1.04E-06	1.040	2.79E-04
5999144130201	599914	4130201	1.08E-06	1.077	2.89E-04
5999244130201	599924	4130201	1.12E-06	1.115	3.00E-04
5999344130201	599934	4130201	1.16E-06	1.155	3.10E-04
5999444130201	599944	4130201	1.20E-06	1.198	3.22E-04
5999544130201	599954	4130201	1.24E-06	1.243	3.34E-04
5999644130201	599964	4130201	1.29E-06	1.289	3.46E-04
5999744130201	599974	4130201	1.34E-06	1.339	3.60E-04
5999844130201	599984	4130201	1.39E-06	1.391	3.74E-04
5997844130211	599784	4130211	7.23E-07	0.723	1.94E-04
5997944130211	599794	4130211	7.44E-07	0.744	2.00E-04
5998044130211	599804	4130211	7.67E-07	0.767	2.06E-04
5998144130211	599814	4130211	7.90E-07	0.790	2.12E-04
5998244130211	599824	4130211	8.14E-07	0.814	2.19E-04
5998344130211	599834	4130211	8.39E-07	0.839	2.26E-04
5998444130211	599844	4130211	8.66E-07	0.866	2.33E-04
5998544130211	599854	4130211	8.94E-07	0.894	2.40E-04
5998644130211	599864	4130211	9.22E-07	0.922	2.48E-04
5998744130211	599874	4130211	9.53E-07	0.953	2.56E-04
5998844130211	599884	4130211	9.85E-07	0.985	2.65E-04
5998944130211	599894	4130211	1.02E-06	1.018	2.74E-04
5999044130211	599904	4130211	1.05E-06	1.053	2.83E-04
5999144130211	599914	4130211	1.09E-06	1.089	2.93E-04
5999244130211	599924	4130211	1.13E-06	1.128	3.03E-04
5999344130211	599934	4130211	1.17E-06	1.168	3.14E-04
5999444130211	599944	4130211	1.21E-06	1.210	3.25E-04
5999544130211	599954	4130211	1.25E-06	1.254	3.37E-04
5999644130211	599964	4130211	1.30E-06	1.301	3.49E-04
5999744130211	599974	4130211	1.35E-06	1.349	3.63E-04
5999844130211	599984	4130211	1.40E-06	1.401	3.76E-04
5997944130221	599794	4130221	7.56E-07	0.756	2.03E-04
5998044130221	599804	4130221	7.78E-07	0.778	2.09E-04
5998144130221	599814	4130221	8.01E-07	0.801	2.15E-04
5998244130221	599824	4130221	8.26E-07	0.826	2.22E-04
5998344130221	599834	4130221	8.51E-07	0.851	2.29E-04
5998444130221	599844	4130221	8.77E-07	0.877	2.36E-04
5998544130221	599854	4130221	9.06E-07	0.906	2.43E-04
5998644130221	599864	4130221	9.35E-07	0.935	2.51E-04
5998744130221	599874	4130221	9.65E-07	0.965	2.59E-04
5998844130221	599884	4130221	9.96E-07	0.996	2.68E-04
5998944130221	599894	4130221	1.03E-06	1.030	2.77E-04
5999044130221	599904	4130221	1.06E-06	1.065	2.86E-04
5999144130221	599914	4130221	1.10E-06	1.101	2.96E-04
5999244130221	599924	4130221	1.14E-06	1.139	3.06E-04
5999344130221	599934	4130221	1.18E-06	1.179	3.17E-04
5999444130221	599944	4130221	1.22E-06	1.221	3.28E-04
5999544130221	599954	4130221	1.26E-06	1.264	3.40E-04
5999644130221	599964	4130221	1.31E-06	1.310	3.52E-04
5999744130221	599974	4130221	1.36E-06	1.358	3.65E-04
5998044130231	599804	4130231	7.89E-07	0.789	2.12E-04
5998144130231	599814	4130231	8.12E-07	0.812	2.18E-04
5998244130231	599824	4130231	8.37E-07	0.837	2.25E-04
5998344130231	599834	4130231	8.62E-07	0.862	2.32E-04
5998444130231	599844	4130231	8.89E-07	0.889	2.39E-04
5998544130231	599854	4130231	9.16E-07	0.916	2.46E-04

5998644130231	599864	4130231	9.45E-07	0.945	2.54E-04
5998744130231	599874	4130231	9.76E-07	0.976	2.62E-04
5998844130231	599884	4130231	1.01E-06	1.008	2.71E-04
5998944130231	599894	4130231	1.04E-06	1.041	2.80E-04
5999044130231	599904	4130231	1.08E-06	1.075	2.89E-04
5999144130231	599914	4130231	1.11E-06	1.111	2.99E-04
5999244130231	599924	4130231	1.15E-06	1.149	3.09E-04
5999344130231	599934	4130231	1.19E-06	1.188	3.19E-04
5999444130231	599944	4130231	1.23E-06	1.229	3.30E-04
5999544130231	599954	4130231	1.27E-06	1.272	3.42E-04
5999644130231	599964	4130231	1.32E-06	1.317	3.54E-04
5998244130241	599824	4130241	8.47E-07	0.847	2.28E-04
5998344130241	599834	4130241	8.72E-07	0.872	2.34E-04
5998444130241	599844	4130241	8.99E-07	0.899	2.42E-04
5998544130241	599854	4130241	9.27E-07	0.927	2.49E-04
5998644130241	599864	4130241	9.56E-07	0.956	2.57E-04
5998744130241	599874	4130241	9.86E-07	0.986	2.65E-04
5998844130241	599884	4130241	1.02E-06	1.017	2.73E-04
5998944130241	599894	4130241	1.05E-06	1.050	2.82E-04
5999044130241	599904	4130241	1.08E-06	1.084	2.91E-04
5999144130241	599914	4130241	1.12E-06	1.120	3.01E-04
5999244130241	599924	4130241	1.16E-06	1.157	3.11E-04
5999344130241	599934	4130241	1.20E-06	1.196	3.21E-04
5999444130241	599944	4130241	1.24E-06	1.236	3.32E-04
5999544130241	599954	4130241	1.28E-06	1.278	3.44E-04
5999644130241	599964	4130241	1.32E-06	1.322	3.55E-04
5998344130251	599834	4130251	8.82E-07	0.882	2.37E-04
5998444130251	599844	4130251	9.08E-07	0.908	2.44E-04
5998544130251	599854	4130251	9.36E-07	0.936	2.51E-04
5998644130251	599864	4130251	9.64E-07	0.964	2.59E-04
5998744130251	599874	4130251	9.94E-07	0.994	2.67E-04
5998844130251	599884	4130251	1.03E-06	1.026	2.76E-04
5998944130251	599894	4130251	1.06E-06	1.058	2.84E-04
5999044130251	599904	4130251	1.09E-06	1.092	2.93E-04
5999144130251	599914	4130251	1.13E-06	1.127	3.03E-04
5999244130251	599924	4130251	1.16E-06	1.164	3.13E-04
5999344130251	599934	4130251	1.20E-06	1.202	3.23E-04
5999444130251	599944	4130251	1.24E-06	1.241	3.34E-04
5999544130251	599954	4130251	1.28E-06	1.283	3.45E-04
5998444130261	599844	4130261	9.16E-07	0.916	2.46E-04
5998544130261	599854	4130261	9.44E-07	0.944	2.54E-04
5998644130261	599864	4130261	9.72E-07	0.972	2.61E-04
5998744130261	599874	4130261	1.00E-06	1.002	2.69E-04
5998844130261	599884	4130261	1.03E-06	1.033	2.77E-04
5998944130261	599894	4130261	1.06E-06	1.065	2.86E-04
5999044130261	599904	4130261	1.10E-06	1.098	2.95E-04
5999144130261	599914	4130261	1.13E-06	1.133	3.04E-04
5999244130261	599924	4130261	1.17E-06	1.169	3.14E-04
5999344130261	599934	4130261	1.21E-06	1.206	3.24E-04
5999444130261	599944	4130261	1.24E-06	1.245	3.34E-04
5998544130271	599854	4130271	9.51E-07	0.951	2.55E-04
5998644130271	599864	4130271	9.79E-07	0.979	2.63E-04
5998744130271	599874	4130271	1.01E-06	1.008	2.71E-04
5998844130271	599884	4130271	1.04E-06	1.039	2.79E-04
5998944130271	599894	4130271	1.07E-06	1.070	2.88E-04



5999044130271	599904	4130271	1.10E-06	1.103	2.96E-04
5999144130271	599914	4130271	1.14E-06	1.137	3.05E-04
5999244130271	599924	4130271	1.17E-06	1.172	3.15E-04
5999344130271	599934	4130271	1.21E-06	1.209	3.25E-04
5999444130271	599944	4130271	1.25E-06	1.247	3.35E-04
5998644130281	599864	4130281	9.85E-07	0.985	2.65E-04
5998744130281	599874	4130281	1.01E-06	1.013	2.72E-04
5998844130281	599884	4130281	1.04E-06	1.043	2.80E-04
5998944130281	599894	4130281	1.07E-06	1.074	2.89E-04
5999044130281	599904	4130281	1.11E-06	1.107	2.97E-04
5999144130281	599914	4130281	1.14E-06	1.140	3.06E-04
5999244130281	599924	4130281	1.17E-06	1.175	3.16E-04
5999344130281	599934	4130281	1.21E-06	1.210	3.25E-04
5998844130291	599884	4130291	1.05E-06	1.047	2.81E-04
5998944130291	599894	4130291	1.08E-06	1.077	2.89E-04
5999044130291	599904	4130291	1.11E-06	1.109	2.98E-04
5999144130291	599914	4130291	1.14E-06	1.142	3.07E-04
5999244130291	599924	4130291	1.18E-06	1.175	3.16E-04
5998944130301	599894	4130301	1.08E-06	1.079	2.90E-04
5999044130301	599904	4130301	1.11E-06	1.110	2.98E-04
5999144130301	599914	4130301	1.14E-06	1.142	3.07E-04
5999244130301	599924	4130301	1.17E-06	1.175	3.16E-04
5999044130311	599904	4130311	1.11E-06	1.110	2.98E-04
5999144130311	599914	4130311	1.14E-06	1.141	3.07E-04
600476.114129997.43	600476.11	4129997.43	2.54E-05	25.351	6.81E-03
600542.034129901.18	600542.03	4129901.18	1.87E-05	18.706	5.03E-03
600613.194129963.35	600613.19	4129963.35	4.33E-05	43.313	1.16E-02
600542.44130050.24	600542.4	4130050.24	1.93E-05	19.277	5.18E-03

**Resident Risk**

				<b>Max Cancer Risk</b>	<b>Max Chronic HI</b>
				5.19	1.39E-03
<b>XY</b>	<b>X</b>	<b>Y</b>	<b>Receptor Type</b>	<b>Cancer Risk (per Million)</b>	<b>Chronic Hazard Index</b>
6008274130005	600827	4130005	RESIDENT	4.82	1.30E-03
6008274130015	600827	4130015	RESIDENT	4.65	1.25E-03
6008374130015	600837	4130015	RESIDENT	4.38	1.18E-03
6008174130025	600817	4130025	RESIDENT	4.78	1.28E-03
6008274130025	600827	4130025	RESIDENT	4.48	1.20E-03
6008374130025	600837	4130025	RESIDENT	4.22	1.13E-03
6008474130025	600847	4130025	RESIDENT	3.98	1.07E-03
6008074130035	600807	4130035	RESIDENT	4.95	1.33E-03
6008174130035	600817	4130035	RESIDENT	4.61	1.24E-03
6008274130035	600827	4130035	RESIDENT	4.32	1.16E-03
6008374130035	600837	4130035	RESIDENT	4.06	1.09E-03
6008474130035	600847	4130035	RESIDENT	3.82	1.03E-03
6008574130035	600857	4130035	RESIDENT	3.61	9.70E-04
6008674130035	600867	4130035	RESIDENT	3.42	9.18E-04
6007974130045	600797	4130045	RESIDENT	5.19	1.39E-03
6008074130045	600807	4130045	RESIDENT	4.79	1.29E-03
6008174130045	600817	4130045	RESIDENT	4.45	1.20E-03
6008274130045	600827	4130045	RESIDENT	4.15	1.12E-03
6008374130045	600837	4130045	RESIDENT	3.89	1.05E-03
6008474130045	600847	4130045	RESIDENT	3.66	9.84E-04
6008574130045	600857	4130045	RESIDENT	3.46	9.29E-04
6008674130045	600867	4130045	RESIDENT	3.27	8.79E-04
6008774130045	600877	4130045	RESIDENT	3.10	8.33E-04
6007974130055	600797	4130055	RESIDENT	5.02	1.35E-03
6008074130055	600807	4130055	RESIDENT	4.61	1.24E-03
6008174130055	600817	4130055	RESIDENT	4.27	1.15E-03
6008274130055	600827	4130055	RESIDENT	3.97	1.07E-03
6008374130055	600837	4130055	RESIDENT	3.72	1.00E-03
6008474130055	600847	4130055	RESIDENT	3.50	9.40E-04
6008574130055	600857	4130055	RESIDENT	3.30	8.87E-04
6008674130055	600867	4130055	RESIDENT	3.12	8.39E-04
6008774130055	600877	4130055	RESIDENT	2.96	7.97E-04
6008874130055	600887	4130055	RESIDENT	2.82	7.57E-04
6008074130065	600807	4130065	RESIDENT	4.40	1.18E-03
6008174130065	600817	4130065	RESIDENT	4.07	1.09E-03
6008274130065	600827	4130065	RESIDENT	3.79	1.02E-03
6008374130065	600837	4130065	RESIDENT	3.55	9.53E-04
6008474130065	600847	4130065	RESIDENT	3.34	8.96E-04
6008574130065	600857	4130065	RESIDENT	3.15	8.46E-04
6008674130065	600867	4130065	RESIDENT	2.98	8.01E-04
6008774130065	600877	4130065	RESIDENT	2.83	7.60E-04
6008874130065	600887	4130065	RESIDENT	2.69	7.23E-04

6008974130065	600897	4130065	RESIDENT	2.57	6.89E-04
6008274130075	600827	4130075	RESIDENT	3.60	9.67E-04
6008374130075	600837	4130075	RESIDENT	3.37	9.06E-04
6008474130075	600847	4130075	RESIDENT	3.17	8.53E-04
6008574130075	600857	4130075	RESIDENT	3.00	8.06E-04
6008674130075	600867	4130075	RESIDENT	2.84	7.63E-04
6008774130075	600877	4130075	RESIDENT	2.70	7.25E-04
6008874130075	600887	4130075	RESIDENT	2.57	6.90E-04
6008974130075	600897	4130075	RESIDENT	2.45	6.58E-04
6008374130085	600837	4130085	RESIDENT	3.20	8.60E-04
6008474130085	600847	4130085	RESIDENT	3.02	8.11E-04
6008574130085	600857	4130085	RESIDENT	2.85	7.67E-04
6008674130085	600867	4130085	RESIDENT	2.71	7.27E-04
6008774130085	600877	4130085	RESIDENT	2.57	6.91E-04
6008874130085	600887	4130085	RESIDENT	2.45	6.58E-04
6008974130085	600897	4130085	RESIDENT	2.34	6.29E-04
6008474130095	600847	4130095	RESIDENT	2.87	7.70E-04
6008574130095	600857	4130095	RESIDENT	2.71	7.29E-04
6008674130095	600867	4130095	RESIDENT	2.58	6.93E-04
6008774130095	600877	4130095	RESIDENT	2.45	6.59E-04
6008874130095	600887	4130095	RESIDENT	2.34	6.28E-04
6008974130095	600897	4130095	RESIDENT	2.23	6.00E-04
6008574130105	600857	4130105	RESIDENT	2.58	6.94E-04
6008674130105	600867	4130105	RESIDENT	2.46	6.60E-04
6008774130105	600877	4130105	RESIDENT	2.34	6.29E-04
6008874130105	600887	4130105	RESIDENT	2.23	6.00E-04
6008674130115	600867	4130115	RESIDENT	2.34	6.29E-04
6008774130115	600877	4130115	RESIDENT	2.23	6.00E-04
6008874130115	600887	4130115	RESIDENT	2.13	5.73E-04
5997544130031	599754	4130031	RESIDENT	0.44	1.18E-04
5997644130031	599764	4130031	RESIDENT	0.45	1.22E-04
5997744130031	599774	4130031	RESIDENT	0.46	1.25E-04
5997844130031	599784	4130031	RESIDENT	0.48	1.28E-04
5997944130031	599794	4130031	RESIDENT	0.49	1.32E-04
5997544130041	599754	4130041	RESIDENT	0.45	1.22E-04
5997644130041	599764	4130041	RESIDENT	0.46	1.25E-04
5997744130041	599774	4130041	RESIDENT	0.48	1.28E-04
5997844130041	599784	4130041	RESIDENT	0.49	1.32E-04
5997944130041	599794	4130041	RESIDENT	0.50	1.36E-04
5998044130041	599804	4130041	RESIDENT	0.52	1.39E-04
5997544130051	599754	4130051	RESIDENT	0.46	1.25E-04
5997644130051	599764	4130051	RESIDENT	0.48	1.28E-04
5997744130051	599774	4130051	RESIDENT	0.49	1.32E-04
5997844130051	599784	4130051	RESIDENT	0.50	1.35E-04
5997944130051	599794	4130051	RESIDENT	0.52	1.39E-04
5998044130051	599804	4130051	RESIDENT	0.53	1.43E-04
5998144130051	599814	4130051	RESIDENT	0.55	1.48E-04
5997544130061	599754	4130061	RESIDENT	0.48	1.28E-04
5997644130061	599764	4130061	RESIDENT	0.49	1.32E-04
5997744130061	599774	4130061	RESIDENT	0.50	1.35E-04
5997844130061	599784	4130061	RESIDENT	0.52	1.39E-04
5997944130061	599794	4130061	RESIDENT	0.53	1.43E-04
5998044130061	599804	4130061	RESIDENT	0.55	1.47E-04
5998144130061	599814	4130061	RESIDENT	0.57	1.52E-04
5998244130061	599824	4130061	RESIDENT	0.58	1.56E-04

5998344130061	599834	4130061	RESIDENT	0.60	1.61E-04
5997544130071	599754	4130071	RESIDENT	0.49	1.32E-04
5997644130071	599764	4130071	RESIDENT	0.50	1.35E-04
5997744130071	599774	4130071	RESIDENT	0.52	1.39E-04
5997844130071	599784	4130071	RESIDENT	0.53	1.43E-04
5997944130071	599794	4130071	RESIDENT	0.55	1.47E-04
5998044130071	599804	4130071	RESIDENT	0.56	1.52E-04
5998144130071	599814	4130071	RESIDENT	0.58	1.56E-04
5998244130071	599824	4130071	RESIDENT	0.60	1.61E-04
5998344130071	599834	4130071	RESIDENT	0.62	1.66E-04
5998444130071	599844	4130071	RESIDENT	0.64	1.71E-04
5997544130081	599754	4130081	RESIDENT	0.50	1.35E-04
5997644130081	599764	4130081	RESIDENT	0.52	1.39E-04
5997744130081	599774	4130081	RESIDENT	0.53	1.43E-04
5997844130081	599784	4130081	RESIDENT	0.55	1.47E-04
5997944130081	599794	4130081	RESIDENT	0.56	1.51E-04
5998044130081	599804	4130081	RESIDENT	0.58	1.56E-04
5998144130081	599814	4130081	RESIDENT	0.60	1.60E-04
5998244130081	599824	4130081	RESIDENT	0.62	1.65E-04
5998344130081	599834	4130081	RESIDENT	0.63	1.71E-04
5998444130081	599844	4130081	RESIDENT	0.65	1.76E-04
5998544130081	599854	4130081	RESIDENT	0.68	1.82E-04
5997544130091	599754	4130091	RESIDENT	0.52	1.39E-04
5997644130091	599764	4130091	RESIDENT	0.53	1.42E-04
5997744130091	599774	4130091	RESIDENT	0.55	1.47E-04
5997844130091	599784	4130091	RESIDENT	0.56	1.51E-04
5997944130091	599794	4130091	RESIDENT	0.58	1.55E-04
5998044130091	599804	4130091	RESIDENT	0.59	1.60E-04
5998144130091	599814	4130091	RESIDENT	0.61	1.65E-04
5998244130091	599824	4130091	RESIDENT	0.63	1.70E-04
5998344130091	599834	4130091	RESIDENT	0.65	1.75E-04
5998444130091	599844	4130091	RESIDENT	0.67	1.81E-04
5998544130091	599854	4130091	RESIDENT	0.70	1.87E-04
5998644130091	599864	4130091	RESIDENT	0.72	1.93E-04
5997544130101	599754	4130101	RESIDENT	0.53	1.42E-04
5997644130101	599764	4130101	RESIDENT	0.54	1.46E-04
5997744130101	599774	4130101	RESIDENT	0.56	1.50E-04
5997844130101	599784	4130101	RESIDENT	0.58	1.55E-04
5997944130101	599794	4130101	RESIDENT	0.59	1.59E-04
5998044130101	599804	4130101	RESIDENT	0.61	1.64E-04
5998144130101	599814	4130101	RESIDENT	0.63	1.69E-04
5998244130101	599824	4130101	RESIDENT	0.65	1.74E-04
5998344130101	599834	4130101	RESIDENT	0.67	1.80E-04
5998444130101	599844	4130101	RESIDENT	0.69	1.86E-04
5998544130101	599854	4130101	RESIDENT	0.71	1.92E-04
5998644130101	599864	4130101	RESIDENT	0.74	1.98E-04
5998744130101	599874	4130101	RESIDENT	0.76	2.05E-04
5998844130101	599884	4130101	RESIDENT	0.79	2.12E-04
5997544130111	599754	4130111	RESIDENT	0.54	1.46E-04
5997644130111	599764	4130111	RESIDENT	0.56	1.50E-04
5997744130111	599774	4130111	RESIDENT	0.57	1.54E-04
5997844130111	599784	4130111	RESIDENT	0.59	1.59E-04
5997944130111	599794	4130111	RESIDENT	0.61	1.63E-04
5998044130111	599804	4130111	RESIDENT	0.63	1.68E-04
5998144130111	599814	4130111	RESIDENT	0.65	1.73E-04

5998244130111	599824	4130111	RESIDENT	0.67	1.79E-04
5998344130111	599834	4130111	RESIDENT	0.69	1.85E-04
5998444130111	599844	4130111	RESIDENT	0.71	1.91E-04
5998544130111	599854	4130111	RESIDENT	0.73	1.97E-04
5998644130111	599864	4130111	RESIDENT	0.76	2.04E-04
5998744130111	599874	4130111	RESIDENT	0.78	2.11E-04
5998844130111	599884	4130111	RESIDENT	0.81	2.18E-04
5998944130111	599894	4130111	RESIDENT	0.84	2.26E-04
5997544130121	599754	4130121	RESIDENT	0.55	1.49E-04
5997644130121	599764	4130121	RESIDENT	0.57	1.53E-04
5997744130121	599774	4130121	RESIDENT	0.59	1.58E-04
5997844130121	599784	4130121	RESIDENT	0.60	1.62E-04
5997944130121	599794	4130121	RESIDENT	0.62	1.67E-04
5998044130121	599804	4130121	RESIDENT	0.64	1.72E-04
5998144130121	599814	4130121	RESIDENT	0.66	1.78E-04
5998244130121	599824	4130121	RESIDENT	0.68	1.83E-04
5998344130121	599834	4130121	RESIDENT	0.70	1.89E-04
5998444130121	599844	4130121	RESIDENT	0.73	1.95E-04
5998544130121	599854	4130121	RESIDENT	0.75	2.02E-04
5998644130121	599864	4130121	RESIDENT	0.78	2.09E-04
5998744130121	599874	4130121	RESIDENT	0.80	2.16E-04
5998844130121	599884	4130121	RESIDENT	0.83	2.23E-04
5998944130121	599894	4130121	RESIDENT	0.86	2.31E-04
5999044130121	599904	4130121	RESIDENT	0.89	2.40E-04
5997544130131	599754	4130131	RESIDENT	0.57	1.53E-04
5997644130131	599764	4130131	RESIDENT	0.58	1.57E-04
5997744130131	599774	4130131	RESIDENT	0.60	1.61E-04
5997844130131	599784	4130131	RESIDENT	0.62	1.66E-04
5997944130131	599794	4130131	RESIDENT	0.64	1.71E-04
5998044130131	599804	4130131	RESIDENT	0.66	1.76E-04
5998144130131	599814	4130131	RESIDENT	0.68	1.82E-04
5998244130131	599824	4130131	RESIDENT	0.70	1.88E-04
5998344130131	599834	4130131	RESIDENT	0.72	1.94E-04
5998444130131	599844	4130131	RESIDENT	0.74	2.00E-04
5998544130131	599854	4130131	RESIDENT	0.77	2.07E-04
5998644130131	599864	4130131	RESIDENT	0.80	2.14E-04
5998744130131	599874	4130131	RESIDENT	0.82	2.21E-04
5998844130131	599884	4130131	RESIDENT	0.85	2.29E-04
5998944130131	599894	4130131	RESIDENT	0.88	2.37E-04
5999044130131	599904	4130131	RESIDENT	0.91	2.46E-04
5999144130131	599914	4130131	RESIDENT	0.95	2.55E-04
5997544130141	599754	4130141	RESIDENT	0.58	1.56E-04
5997644130141	599764	4130141	RESIDENT	0.60	1.60E-04
5997744130141	599774	4130141	RESIDENT	0.61	1.65E-04
5997844130141	599784	4130141	RESIDENT	0.63	1.70E-04
5997944130141	599794	4130141	RESIDENT	0.65	1.75E-04
5998044130141	599804	4130141	RESIDENT	0.67	1.81E-04
5998144130141	599814	4130141	RESIDENT	0.69	1.86E-04
5998244130141	599824	4130141	RESIDENT	0.71	1.92E-04
5998344130141	599834	4130141	RESIDENT	0.74	1.98E-04
5998444130141	599844	4130141	RESIDENT	0.76	2.05E-04
5998544130141	599854	4130141	RESIDENT	0.79	2.12E-04
5998644130141	599864	4130141	RESIDENT	0.81	2.19E-04
5998744130141	599874	4130141	RESIDENT	0.84	2.26E-04
5998844130141	599884	4130141	RESIDENT	0.87	2.34E-04

5998944130141	599894	4130141	RESIDENT	0.90	2.43E-04
5999044130141	599904	4130141	RESIDENT	0.94	2.51E-04
5999144130141	599914	4130141	RESIDENT	0.97	2.61E-04
5999244130141	599924	4130141	RESIDENT	1.01	2.71E-04
5997544130151	599754	4130151	RESIDENT	0.59	1.59E-04
5997644130151	599764	4130151	RESIDENT	0.61	1.64E-04
5997744130151	599774	4130151	RESIDENT	0.63	1.69E-04
5997844130151	599784	4130151	RESIDENT	0.65	1.74E-04
5997944130151	599794	4130151	RESIDENT	0.67	1.79E-04
5998044130151	599804	4130151	RESIDENT	0.69	1.85E-04
5998144130151	599814	4130151	RESIDENT	0.71	1.90E-04
5998244130151	599824	4130151	RESIDENT	0.73	1.96E-04
5998344130151	599834	4130151	RESIDENT	0.75	2.03E-04
5998444130151	599844	4130151	RESIDENT	0.78	2.09E-04
5998544130151	599854	4130151	RESIDENT	0.80	2.16E-04
5998644130151	599864	4130151	RESIDENT	0.83	2.23E-04
5998744130151	599874	4130151	RESIDENT	0.86	2.31E-04
5998844130151	599884	4130151	RESIDENT	0.89	2.39E-04
5998944130151	599894	4130151	RESIDENT	0.92	2.48E-04
5999044130151	599904	4130151	RESIDENT	0.96	2.57E-04
5999144130151	599914	4130151	RESIDENT	0.99	2.66E-04
5999244130151	599924	4130151	RESIDENT	1.03	2.76E-04
5999344130151	599934	4130151	RESIDENT	1.07	2.87E-04
5999444130151	599944	4130151	RESIDENT	1.11	2.98E-04
5997544130161	599754	4130161	RESIDENT	0.61	1.63E-04
5997644130161	599764	4130161	RESIDENT	0.62	1.67E-04
5997744130161	599774	4130161	RESIDENT	0.64	1.72E-04
5997844130161	599784	4130161	RESIDENT	0.66	1.77E-04
5997944130161	599794	4130161	RESIDENT	0.68	1.83E-04
5998044130161	599804	4130161	RESIDENT	0.70	1.88E-04
5998144130161	599814	4130161	RESIDENT	0.72	1.94E-04
5998244130161	599824	4130161	RESIDENT	0.75	2.00E-04
5998344130161	599834	4130161	RESIDENT	0.77	2.07E-04
5998444130161	599844	4130161	RESIDENT	0.79	2.14E-04
5998544130161	599854	4130161	RESIDENT	0.82	2.21E-04
5998644130161	599864	4130161	RESIDENT	0.85	2.28E-04
5998744130161	599874	4130161	RESIDENT	0.88	2.36E-04
5998844130161	599884	4130161	RESIDENT	0.91	2.44E-04
5998944130161	599894	4130161	RESIDENT	0.94	2.53E-04
5999044130161	599904	4130161	RESIDENT	0.97	2.62E-04
5999144130161	599914	4130161	RESIDENT	1.01	2.72E-04
5999244130161	599924	4130161	RESIDENT	1.05	2.82E-04
5999344130161	599934	4130161	RESIDENT	1.09	2.93E-04
5999444130161	599944	4130161	RESIDENT	1.13	3.04E-04
5999544130161	599954	4130161	RESIDENT	1.18	3.16E-04
5997544130171	599754	4130171	RESIDENT	0.62	1.66E-04
5997644130171	599764	4130171	RESIDENT	0.64	1.71E-04
5997744130171	599774	4130171	RESIDENT	0.65	1.76E-04
5997844130171	599784	4130171	RESIDENT	0.67	1.81E-04
5997944130171	599794	4130171	RESIDENT	0.69	1.86E-04
5998044130171	599804	4130171	RESIDENT	0.71	1.92E-04
5998144130171	599814	4130171	RESIDENT	0.74	1.98E-04
5998244130171	599824	4130171	RESIDENT	0.76	2.04E-04
5998344130171	599834	4130171	RESIDENT	0.78	2.11E-04
5998444130171	599844	4130171	RESIDENT	0.81	2.18E-04

5998544130171	599854	4130171	RESIDENT	0.84	2.25E-04
5998644130171	599864	4130171	RESIDENT	0.86	2.32E-04
5998744130171	599874	4130171	RESIDENT	0.89	2.40E-04
5998844130171	599884	4130171	RESIDENT	0.93	2.49E-04
5998944130171	599894	4130171	RESIDENT	0.96	2.58E-04
5999044130171	599904	4130171	RESIDENT	0.99	2.67E-04
5999144130171	599914	4130171	RESIDENT	1.03	2.77E-04
5999244130171	599924	4130171	RESIDENT	1.07	2.87E-04
5999344130171	599934	4130171	RESIDENT	1.11	2.98E-04
5999444130171	599944	4130171	RESIDENT	1.15	3.09E-04
5999544130171	599954	4130171	RESIDENT	1.20	3.21E-04
5999644130171	599964	4130171	RESIDENT	1.24	3.34E-04
5997544130181	599754	4130181	RESIDENT	0.63	1.69E-04
5997644130181	599764	4130181	RESIDENT	0.65	1.74E-04
5997744130181	599774	4130181	RESIDENT	0.67	1.79E-04
5997844130181	599784	4130181	RESIDENT	0.69	1.84E-04
5997944130181	599794	4130181	RESIDENT	0.71	1.90E-04
5998044130181	599804	4130181	RESIDENT	0.73	1.96E-04
5998144130181	599814	4130181	RESIDENT	0.75	2.02E-04
5998244130181	599824	4130181	RESIDENT	0.77	2.08E-04
5998344130181	599834	4130181	RESIDENT	0.80	2.15E-04
5998444130181	599844	4130181	RESIDENT	0.83	2.22E-04
5998544130181	599854	4130181	RESIDENT	0.85	2.29E-04
5998644130181	599864	4130181	RESIDENT	0.88	2.37E-04
5998744130181	599874	4130181	RESIDENT	0.91	2.45E-04
5998844130181	599884	4130181	RESIDENT	0.94	2.53E-04
5998944130181	599894	4130181	RESIDENT	0.98	2.62E-04
5999044130181	599904	4130181	RESIDENT	1.01	2.71E-04
5999144130181	599914	4130181	RESIDENT	1.05	2.81E-04
5999244130181	599924	4130181	RESIDENT	1.08	2.91E-04
5999344130181	599934	4130181	RESIDENT	1.13	3.02E-04
5999444130181	599944	4130181	RESIDENT	1.17	3.14E-04
5999544130181	599954	4130181	RESIDENT	1.21	3.26E-04
5999644130181	599964	4130181	RESIDENT	1.26	3.39E-04
5999744130181	599974	4130181	RESIDENT	1.31	3.52E-04
5997644130191	599764	4130191	RESIDENT	0.66	1.77E-04
5997744130191	599774	4130191	RESIDENT	0.68	1.83E-04
5997844130191	599784	4130191	RESIDENT	0.70	1.88E-04
5997944130191	599794	4130191	RESIDENT	0.72	1.93E-04
5998044130191	599804	4130191	RESIDENT	0.74	1.99E-04
5998144130191	599814	4130191	RESIDENT	0.76	2.06E-04
5998244130191	599824	4130191	RESIDENT	0.79	2.12E-04
5998344130191	599834	4130191	RESIDENT	0.81	2.19E-04
5998444130191	599844	4130191	RESIDENT	0.84	2.26E-04
5998544130191	599854	4130191	RESIDENT	0.87	2.33E-04
5998644130191	599864	4130191	RESIDENT	0.90	2.41E-04
5998744130191	599874	4130191	RESIDENT	0.93	2.49E-04
5998844130191	599884	4130191	RESIDENT	0.96	2.57E-04
5998944130191	599894	4130191	RESIDENT	0.99	2.66E-04
5999044130191	599904	4130191	RESIDENT	1.03	2.76E-04
5999144130191	599914	4130191	RESIDENT	1.06	2.85E-04
5999244130191	599924	4130191	RESIDENT	1.10	2.96E-04
5999344130191	599934	4130191	RESIDENT	1.14	3.07E-04
5999444130191	599944	4130191	RESIDENT	1.18	3.18E-04
5999544130191	599954	4130191	RESIDENT	1.23	3.30E-04

5999644130191	599964	4130191	RESIDENT	1.28	3.43E-04
5999744130191	599974	4130191	RESIDENT	1.33	3.56E-04
5999844130191	599984	4130191	RESIDENT	1.38	3.71E-04
5999944130191	599994	4130191	RESIDENT	1.43	3.86E-04
5997744130201	599774	4130201	RESIDENT	0.69	1.86E-04
5997844130201	599784	4130201	RESIDENT	0.71	1.91E-04
5997944130201	599794	4130201	RESIDENT	0.73	1.97E-04
5998044130201	599804	4130201	RESIDENT	0.75	2.03E-04
5998144130201	599814	4130201	RESIDENT	0.78	2.09E-04
5998244130201	599824	4130201	RESIDENT	0.80	2.15E-04
5998344130201	599834	4130201	RESIDENT	0.83	2.22E-04
5998444130201	599844	4130201	RESIDENT	0.85	2.29E-04
5998544130201	599854	4130201	RESIDENT	0.88	2.37E-04
5998644130201	599864	4130201	RESIDENT	0.91	2.44E-04
5998744130201	599874	4130201	RESIDENT	0.94	2.53E-04
5998844130201	599884	4130201	RESIDENT	0.97	2.61E-04
5998944130201	599894	4130201	RESIDENT	1.00	2.70E-04
5999044130201	599904	4130201	RESIDENT	1.04	2.79E-04
5999144130201	599914	4130201	RESIDENT	1.08	2.89E-04
5999244130201	599924	4130201	RESIDENT	1.12	3.00E-04
5999344130201	599934	4130201	RESIDENT	1.16	3.10E-04
5999444130201	599944	4130201	RESIDENT	1.20	3.22E-04
5999544130201	599954	4130201	RESIDENT	1.24	3.34E-04
5999644130201	599964	4130201	RESIDENT	1.29	3.46E-04
5999744130201	599974	4130201	RESIDENT	1.34	3.60E-04
5999844130201	599984	4130201	RESIDENT	1.39	3.74E-04
5997844130211	599784	4130211	RESIDENT	0.72	1.94E-04
5997944130211	599794	4130211	RESIDENT	0.74	2.00E-04
5998044130211	599804	4130211	RESIDENT	0.77	2.06E-04
5998144130211	599814	4130211	RESIDENT	0.79	2.12E-04
5998244130211	599824	4130211	RESIDENT	0.81	2.19E-04
5998344130211	599834	4130211	RESIDENT	0.84	2.26E-04
5998444130211	599844	4130211	RESIDENT	0.87	2.33E-04
5998544130211	599854	4130211	RESIDENT	0.89	2.40E-04
5998644130211	599864	4130211	RESIDENT	0.92	2.48E-04
5998744130211	599874	4130211	RESIDENT	0.95	2.56E-04
5998844130211	599884	4130211	RESIDENT	0.98	2.65E-04
5998944130211	599894	4130211	RESIDENT	1.02	2.74E-04
5999044130211	599904	4130211	RESIDENT	1.05	2.83E-04
5999144130211	599914	4130211	RESIDENT	1.09	2.93E-04
5999244130211	599924	4130211	RESIDENT	1.13	3.03E-04
5999344130211	599934	4130211	RESIDENT	1.17	3.14E-04
5999444130211	599944	4130211	RESIDENT	1.21	3.25E-04
5999544130211	599954	4130211	RESIDENT	1.25	3.37E-04
5999644130211	599964	4130211	RESIDENT	1.30	3.49E-04
5999744130211	599974	4130211	RESIDENT	1.35	3.63E-04
5999844130211	599984	4130211	RESIDENT	1.40	3.76E-04
5997944130221	599794	4130221	RESIDENT	0.76	2.03E-04
5998044130221	599804	4130221	RESIDENT	0.78	2.09E-04
5998144130221	599814	4130221	RESIDENT	0.80	2.15E-04
5998244130221	599824	4130221	RESIDENT	0.83	2.22E-04
5998344130221	599834	4130221	RESIDENT	0.85	2.29E-04
5998444130221	599844	4130221	RESIDENT	0.88	2.36E-04
5998544130221	599854	4130221	RESIDENT	0.91	2.43E-04
5998644130221	599864	4130221	RESIDENT	0.93	2.51E-04



5998744130221	599874	4130221	RESIDENT	0.96	2.59E-04
5998844130221	599884	4130221	RESIDENT	1.00	2.68E-04
5998944130221	599894	4130221	RESIDENT	1.03	2.77E-04
5999044130221	599904	4130221	RESIDENT	1.06	2.86E-04
5999144130221	599914	4130221	RESIDENT	1.10	2.96E-04
5999244130221	599924	4130221	RESIDENT	1.14	3.06E-04
5999344130221	599934	4130221	RESIDENT	1.18	3.17E-04
5999444130221	599944	4130221	RESIDENT	1.22	3.28E-04
5999544130221	599954	4130221	RESIDENT	1.26	3.40E-04
5999644130221	599964	4130221	RESIDENT	1.31	3.52E-04
5999744130221	599974	4130221	RESIDENT	1.36	3.65E-04
5998044130231	599804	4130231	RESIDENT	0.79	2.12E-04
5998144130231	599814	4130231	RESIDENT	0.81	2.18E-04
5998244130231	599824	4130231	RESIDENT	0.84	2.25E-04
5998344130231	599834	4130231	RESIDENT	0.86	2.32E-04
5998444130231	599844	4130231	RESIDENT	0.89	2.39E-04
5998544130231	599854	4130231	RESIDENT	0.92	2.46E-04
5998644130231	599864	4130231	RESIDENT	0.95	2.54E-04
5998744130231	599874	4130231	RESIDENT	0.98	2.62E-04
5998844130231	599884	4130231	RESIDENT	1.01	2.71E-04
5998944130231	599894	4130231	RESIDENT	1.04	2.80E-04
5999044130231	599904	4130231	RESIDENT	1.08	2.89E-04
5999144130231	599914	4130231	RESIDENT	1.11	2.99E-04
5999244130231	599924	4130231	RESIDENT	1.15	3.09E-04
5999344130231	599934	4130231	RESIDENT	1.19	3.19E-04
5999444130231	599944	4130231	RESIDENT	1.23	3.30E-04
5999544130231	599954	4130231	RESIDENT	1.27	3.42E-04
5999644130231	599964	4130231	RESIDENT	1.32	3.54E-04
5998244130241	599824	4130241	RESIDENT	0.85	2.28E-04
5998344130241	599834	4130241	RESIDENT	0.87	2.34E-04
5998444130241	599844	4130241	RESIDENT	0.90	2.42E-04
5998544130241	599854	4130241	RESIDENT	0.93	2.49E-04
5998644130241	599864	4130241	RESIDENT	0.96	2.57E-04
5998744130241	599874	4130241	RESIDENT	0.99	2.65E-04
5998844130241	599884	4130241	RESIDENT	1.02	2.73E-04
5998944130241	599894	4130241	RESIDENT	1.05	2.82E-04
5999044130241	599904	4130241	RESIDENT	1.08	2.91E-04
5999144130241	599914	4130241	RESIDENT	1.12	3.01E-04
5999244130241	599924	4130241	RESIDENT	1.16	3.11E-04
5999344130241	599934	4130241	RESIDENT	1.20	3.21E-04
5999444130241	599944	4130241	RESIDENT	1.24	3.32E-04
5999544130241	599954	4130241	RESIDENT	1.28	3.44E-04
5999644130241	599964	4130241	RESIDENT	1.32	3.55E-04
5998344130251	599834	4130251	RESIDENT	0.88	2.37E-04
5998444130251	599844	4130251	RESIDENT	0.91	2.44E-04
5998544130251	599854	4130251	RESIDENT	0.94	2.51E-04
5998644130251	599864	4130251	RESIDENT	0.96	2.59E-04
5998744130251	599874	4130251	RESIDENT	0.99	2.67E-04
5998844130251	599884	4130251	RESIDENT	1.03	2.76E-04
5998944130251	599894	4130251	RESIDENT	1.06	2.84E-04
5999044130251	599904	4130251	RESIDENT	1.09	2.93E-04
5999144130251	599914	4130251	RESIDENT	1.13	3.03E-04
5999244130251	599924	4130251	RESIDENT	1.16	3.13E-04
5999344130251	599934	4130251	RESIDENT	1.20	3.23E-04
5999444130251	599944	4130251	RESIDENT	1.24	3.34E-04

5999544130251	599954	4130251	RESIDENT	1.28	3.45E-04
5998444130261	599844	4130261	RESIDENT	0.92	2.46E-04
5998544130261	599854	4130261	RESIDENT	0.94	2.54E-04
5998644130261	599864	4130261	RESIDENT	0.97	2.61E-04
5998744130261	599874	4130261	RESIDENT	1.00	2.69E-04
5998844130261	599884	4130261	RESIDENT	1.03	2.77E-04
5998944130261	599894	4130261	RESIDENT	1.06	2.86E-04
5999044130261	599904	4130261	RESIDENT	1.10	2.95E-04
5999144130261	599914	4130261	RESIDENT	1.13	3.04E-04
5999244130261	599924	4130261	RESIDENT	1.17	3.14E-04
5999344130261	599934	4130261	RESIDENT	1.21	3.24E-04
5999444130261	599944	4130261	RESIDENT	1.24	3.34E-04
5998544130271	599854	4130271	RESIDENT	0.95	2.55E-04
5998644130271	599864	4130271	RESIDENT	0.98	2.63E-04
5998744130271	599874	4130271	RESIDENT	1.01	2.71E-04
5998844130271	599884	4130271	RESIDENT	1.04	2.79E-04
5998944130271	599894	4130271	RESIDENT	1.07	2.88E-04
5999044130271	599904	4130271	RESIDENT	1.10	2.96E-04
5999144130271	599914	4130271	RESIDENT	1.14	3.05E-04
5999244130271	599924	4130271	RESIDENT	1.17	3.15E-04
5999344130271	599934	4130271	RESIDENT	1.21	3.25E-04
5999444130271	599944	4130271	RESIDENT	1.25	3.35E-04
5998644130281	599864	4130281	RESIDENT	0.98	2.65E-04
5998744130281	599874	4130281	RESIDENT	1.01	2.72E-04
5998844130281	599884	4130281	RESIDENT	1.04	2.80E-04
5998944130281	599894	4130281	RESIDENT	1.07	2.89E-04
5999044130281	599904	4130281	RESIDENT	1.11	2.97E-04
5999144130281	599914	4130281	RESIDENT	1.14	3.06E-04
5999244130281	599924	4130281	RESIDENT	1.17	3.16E-04
5999344130281	599934	4130281	RESIDENT	1.21	3.25E-04
5998844130291	599884	4130291	RESIDENT	1.05	2.81E-04
5998944130291	599894	4130291	RESIDENT	1.08	2.89E-04
5999044130291	599904	4130291	RESIDENT	1.11	2.98E-04
5999144130291	599914	4130291	RESIDENT	1.14	3.07E-04
5999244130291	599924	4130291	RESIDENT	1.18	3.16E-04
5998944130301	599894	4130301	RESIDENT	1.08	2.90E-04
5999044130301	599904	4130301	RESIDENT	1.11	2.98E-04
5999144130301	599914	4130301	RESIDENT	1.14	3.07E-04
5999244130301	599924	4130301	RESIDENT	1.17	3.16E-04
5999044130311	599904	4130311	RESIDENT	1.11	2.98E-04
5999144130311	599914	4130311	RESIDENT	1.14	3.07E-04

### Cumulative Risk Summary

Receptor Type	Cancer Risk (per million)	Chronic HI	Annual PM2.5 (ug/m <sup>3</sup> )
Resident	6.89	0.021	0.11
BAAQMD Threshold	100	10.0	0.80
<b>Exceeds Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>

### Cancer Risk

XY	X	Y	Project Cancer Risk Summary	Project Cancer Risk (per million)	Cumulative Sources Cancer (per million)
6005174129595	600517	4129595	9.42E-07	0.942	1.700
6005274129595	600527	4129595	9.90E-07	0.990	1.700
6005374129595	600537	4129595	1.04E-06	1.038	1.700
6005474129595	600547	4129595	1.09E-06	1.086	1.700
6005574129595	600557	4129595	1.14E-06	1.136	1.700
6005674129595	600567	4129595	1.18E-06	1.184	1.700
6004574129605	600457	4129605	7.12E-07	0.712	1.700
6004674129605	600467	4129605	7.53E-07	0.753	1.700
6004774129605	600477	4129605	7.95E-07	0.795	1.700
6004874129605	600487	4129605	8.39E-07	0.839	1.700
6004974129605	600497	4129605	8.86E-07	0.886	1.700
6005074129605	600507	4129605	9.34E-07	0.934	1.700
6005174129605	600517	4129605	9.84E-07	0.984	1.700
6005274129605	600527	4129605	1.04E-06	1.035	1.700
6005374129605	600537	4129605	1.09E-06	1.086	1.700
6005474129605	600547	4129605	1.14E-06	1.139	1.700
6005574129605	600557	4129605	1.19E-06	1.191	1.700
6005674129605	600567	4129605	1.24E-06	1.243	1.700
6005774129605	600577	4129605	1.30E-06	1.295	1.700
6005874129605	600587	4129605	1.35E-06	1.346	1.700
6005974129605	600597	4129605	1.40E-06	1.395	1.700
6006074129605	600607	4129605	1.44E-06	1.441	1.700
6006174129605	600617	4129605	1.49E-06	1.485	1.700
6006274129605	600627	4129605	1.53E-06	1.528	1.700
6004174129615	600417	4129615	5.93E-07	0.593	1.700
6004274129615	600427	4129615	6.26E-07	0.626	1.700
6004374129615	600437	4129615	6.61E-07	0.661	1.700
6004474129615	600447	4129615	6.99E-07	0.699	1.700
6004574129615	600457	4129615	7.39E-07	0.739	1.700
6004674129615	600467	4129615	7.82E-07	0.782	1.700
6004774129615	600477	4129615	8.27E-07	0.827	1.700
6004874129615	600487	4129615	8.74E-07	0.874	1.700
6004974129615	600497	4129615	9.24E-07	0.924	1.700
6005074129615	600507	4129615	9.76E-07	0.976	1.700
6005174129615	600517	4129615	1.03E-06	1.030	1.700
6005274129615	600527	4129615	1.08E-06	1.084	1.700
6005374129615	600537	4129615	1.14E-06	1.140	1.700
6005474129615	600547	4129615	1.20E-06	1.195	1.700
6005574129615	600557	4129615	1.25E-06	1.251	1.700
6005674129615	600567	4129615	1.31E-06	1.308	1.700
6005774129615	600577	4129615	1.36E-06	1.364	1.700

6005874129615	600587	4129615	1.42E-06	1.417	1.700
6005974129615	600597	4129615	1.47E-06	1.470	1.700
6006074129615	600607	4129615	1.52E-06	1.520	1.700
6006174129615	600617	4129615	1.56E-06	1.565	1.700
6006274129615	600627	4129615	1.61E-06	1.609	1.700
6006374129615	600637	4129615	1.65E-06	1.650	1.700
6006474129615	600647	4129615	1.69E-06	1.688	1.700
6006574129615	600657	4129615	1.72E-06	1.723	1.700
6003974129625	600397	4129625	5.50E-07	0.550	1.700
6004074129625	600407	4129625	5.80E-07	0.580	1.700
6004174129625	600417	4129625	6.12E-07	0.612	1.700
6004274129625	600427	4129625	6.47E-07	0.647	1.700
6004374129625	600437	4129625	6.84E-07	0.684	1.700
6004474129625	600447	4129625	7.24E-07	0.724	1.700
6004574129625	600457	4129625	7.68E-07	0.768	1.700
6004674129625	600467	4129625	8.13E-07	0.813	1.700
6004774129625	600477	4129625	8.61E-07	0.861	1.700
6004874129625	600487	4129625	9.12E-07	0.912	1.700
6004974129625	600497	4129625	9.66E-07	0.966	1.700
6005074129625	600507	4129625	1.02E-06	1.022	1.700
6005174129625	600517	4129625	1.08E-06	1.078	1.700
6005274129625	600527	4129625	1.14E-06	1.137	1.700
6005374129625	600537	4129625	1.20E-06	1.197	1.700
6005474129625	600547	4129625	1.26E-06	1.256	1.700
6005574129625	600557	4129625	1.32E-06	1.317	1.700
6005674129625	600567	4129625	1.38E-06	1.378	1.700
6005774129625	600577	4129625	1.44E-06	1.436	1.700
6005874129625	600587	4129625	1.49E-06	1.494	1.700
6005974129625	600597	4129625	1.55E-06	1.550	1.700
6006074129625	600607	4129625	1.60E-06	1.604	1.700
6006174129625	600617	4129625	1.65E-06	1.653	1.700
6006274129625	600627	4129625	1.70E-06	1.697	1.700
6006374129625	600637	4129625	1.74E-06	1.740	1.700
6006474129625	600647	4129625	1.78E-06	1.778	1.700
6006574129625	600657	4129625	1.81E-06	1.814	1.700
6006674129625	600667	4129625	1.85E-06	1.846	1.700
6006774129625	600677	4129625	1.87E-06	1.874	1.700
6006874129625	600687	4129625	1.90E-06	1.898	1.700
6003774129635	600377	4129635	5.12E-07	0.512	1.700
6003874129635	600387	4129635	5.38E-07	0.538	1.700
6003974129635	600397	4129635	5.66E-07	0.566	1.700
6004074129635	600407	4129635	5.98E-07	0.598	1.700
6004174129635	600417	4129635	6.31E-07	0.631	1.700
6004274129635	600427	4129635	6.68E-07	0.668	1.700
6004374129635	600437	4129635	7.08E-07	0.708	1.700
6004474129635	600447	4129635	7.51E-07	0.751	1.700
6004574129635	600457	4129635	7.97E-07	0.797	1.700
6004674129635	600467	4129635	8.46E-07	0.846	1.700
6004774129635	600477	4129635	8.97E-07	0.897	1.700
6004874129635	600487	4129635	9.52E-07	0.952	1.700
6004974129635	600497	4129635	1.01E-06	1.010	1.700
6005074129635	600507	4129635	1.07E-06	1.069	1.700
6005174129635	600517	4129635	1.13E-06	1.131	1.700
6005274129635	600527	4129635	1.19E-06	1.194	1.700
6005374129635	600537	4129635	1.26E-06	1.258	1.700

6005474129635	600547	4129635	1.32E-06	1.323	1.700
6005574129635	600557	4129635	1.39E-06	1.388	1.700
6005674129635	600567	4129635	1.45E-06	1.453	1.700
6005774129635	600577	4129635	1.52E-06	1.516	1.700
6005874129635	600587	4129635	1.58E-06	1.577	1.700
6005974129635	600597	4129635	1.64E-06	1.636	1.700
6006074129635	600607	4129635	1.69E-06	1.693	1.700
6006174129635	600617	4129635	1.75E-06	1.745	1.700
6006274129635	600627	4129635	1.79E-06	1.794	1.700
6006374129635	600637	4129635	1.84E-06	1.838	1.700
6006474129635	600647	4129635	1.88E-06	1.877	1.700
6006574129635	600657	4129635	1.91E-06	1.914	1.700
6006674129635	600667	4129635	1.95E-06	1.946	1.700
6006774129635	600677	4129635	1.97E-06	1.974	1.700
6006874129635	600687	4129635	2.00E-06	1.999	1.700
6006974129635	600697	4129635	2.02E-06	2.019	1.700
6007074129635	600707	4129635	2.04E-06	2.036	1.700
6003574129645	600357	4129645	4.80E-07	0.480	1.700
6003674129645	600367	4129645	5.02E-07	0.502	1.700
6003774129645	600377	4129645	5.27E-07	0.527	1.700
6003874129645	600387	4129645	5.54E-07	0.554	1.700
6003974129645	600397	4129645	5.84E-07	0.584	1.700
6004074129645	600407	4129645	6.16E-07	0.616	1.700
6004174129645	600417	4129645	6.52E-07	0.652	1.700
6004274129645	600427	4129645	6.91E-07	0.691	1.700
6004374129645	600437	4129645	7.34E-07	0.734	1.700
6004474129645	600447	4129645	7.79E-07	0.779	1.700
6004574129645	600457	4129645	8.29E-07	0.829	1.700
6004674129645	600467	4129645	8.81E-07	0.881	1.700
6004774129645	600477	4129645	9.36E-07	0.936	1.700
6004874129645	600487	4129645	9.95E-07	0.995	1.700
6004974129645	600497	4129645	1.06E-06	1.056	1.700
6005074129645	600507	4129645	1.12E-06	1.121	1.700
6005174129645	600517	4129645	1.19E-06	1.188	1.700
6005274129645	600527	4129645	1.25E-06	1.255	1.700
6005374129645	600537	4129645	1.32E-06	1.324	1.700
6005474129645	600547	4129645	1.40E-06	1.396	1.700
6005574129645	600557	4129645	1.47E-06	1.466	1.700
6005674129645	600567	4129645	1.53E-06	1.535	1.700
6005774129645	600577	4129645	1.60E-06	1.602	1.700
6005874129645	600587	4129645	1.67E-06	1.668	1.700
6005974129645	600597	4129645	1.73E-06	1.731	1.700
6006074129645	600607	4129645	1.79E-06	1.791	1.700
6006174129645	600617	4129645	1.85E-06	1.846	1.700
6006274129645	600627	4129645	1.90E-06	1.896	1.700
6006374129645	600637	4129645	1.94E-06	1.943	1.700
6006474129645	600647	4129645	1.99E-06	1.986	1.700
6006574129645	600657	4129645	2.02E-06	2.022	1.700
6006674129645	600667	4129645	2.05E-06	2.054	1.700
6006774129645	600677	4129645	2.08E-06	2.083	1.700
6006874129645	600687	4129645	2.11E-06	2.108	1.700
6006974129645	600697	4129645	2.13E-06	2.128	1.700
6007074129645	600707	4129645	2.14E-06	2.144	1.700
6007174129645	600717	4129645	2.16E-06	2.159	1.700
6007274129645	600727	4129645	2.17E-06	2.166	1.700

6003474129655	600347	4129655	4.73E-07	0.473	1.700
6003574129655	600357	4129655	4.94E-07	0.494	1.700
6003674129655	600367	4129655	5.17E-07	0.517	1.700
6003774129655	600377	4129655	5.42E-07	0.542	1.700
6003874129655	600387	4129655	5.71E-07	0.571	1.700
6003974129655	600397	4129655	6.02E-07	0.602	1.700
6004074129655	600407	4129655	6.36E-07	0.636	1.700
6004174129655	600417	4129655	6.74E-07	0.674	1.700
6004274129655	600427	4129655	7.15E-07	0.715	1.700
6004374129655	600437	4129655	7.60E-07	0.760	1.700
6004474129655	600447	4129655	8.09E-07	0.809	1.700
6004574129655	600457	4129655	8.62E-07	0.862	1.700
6004674129655	600467	4129655	9.18E-07	0.918	1.700
6004774129655	600477	4129655	9.77E-07	0.977	1.700
6004874129655	600487	4129655	1.04E-06	1.041	1.700
6004974129655	600497	4129655	1.11E-06	1.107	1.700
6005074129655	600507	4129655	1.18E-06	1.177	1.700
6005174129655	600517	4129655	1.25E-06	1.249	1.700
6005274129655	600527	4129655	1.32E-06	1.322	1.700
6005374129655	600537	4129655	1.40E-06	1.398	1.700
6005474129655	600547	4129655	1.47E-06	1.475	1.700
6005574129655	600557	4129655	1.55E-06	1.550	1.700
6005674129655	600567	4129655	1.62E-06	1.625	1.700
6005774129655	600577	4129655	1.70E-06	1.697	1.700
6005874129655	600587	4129655	1.77E-06	1.767	1.700
6005974129655	600597	4129655	1.83E-06	1.834	1.700
6006074129655	600607	4129655	1.90E-06	1.897	1.700
6006174129655	600617	4129655	1.96E-06	1.957	1.700
6006274129655	600627	4129655	2.01E-06	2.010	1.700
6006374129655	600637	4129655	2.06E-06	2.059	1.700
6006474129655	600647	4129655	2.10E-06	2.103	1.700
6006574129655	600657	4129655	2.14E-06	2.141	1.700
6006674129655	600667	4129655	2.17E-06	2.172	1.700
6006774129655	600677	4129655	2.20E-06	2.200	1.700
6006874129655	600687	4129655	2.22E-06	2.225	1.700
6006974129655	600697	4129655	2.25E-06	2.245	1.700
6007074129655	600707	4129655	2.26E-06	2.263	1.700
6007174129655	600717	4129655	2.27E-06	2.273	1.700
6007274129655	600727	4129655	2.28E-06	2.281	1.700
6007374129655	600737	4129655	2.29E-06	2.287	1.700
6007474129655	600747	4129655	2.29E-06	2.289	1.700
6003274129665	600327	4129665	4.51E-07	0.451	1.700
6003374129665	600337	4129665	4.68E-07	0.468	1.700
6003474129665	600347	4129665	4.87E-07	0.487	1.700
6003574129665	600357	4129665	5.08E-07	0.508	1.700
6003674129665	600367	4129665	5.32E-07	0.532	1.700
6003774129665	600377	4129665	5.59E-07	0.559	1.700
6003874129665	600387	4129665	5.88E-07	0.588	1.700
6003974129665	600397	4129665	6.21E-07	0.621	1.700
6004074129665	600407	4129665	6.57E-07	0.657	1.700
6004174129665	600417	4129665	6.97E-07	0.697	1.700
6004274129665	600427	4129665	7.41E-07	0.741	1.700
6004374129665	600437	4129665	7.89E-07	0.789	1.700
6004474129665	600447	4129665	8.41E-07	0.841	1.700
6004574129665	600457	4129665	8.97E-07	0.897	1.700

6004674129665	600467	4129665	9.58E-07	0.958	1.700
6004774129665	600477	4129665	1.02E-06	1.022	1.700
6004874129665	600487	4129665	1.09E-06	1.091	1.700
6004974129665	600497	4129665	1.16E-06	1.162	1.700
6005074129665	600507	4129665	1.24E-06	1.237	1.700
6005174129665	600517	4129665	1.31E-06	1.314	1.700
6005274129665	600527	4129665	1.40E-06	1.396	1.700
6005374129665	600537	4129665	1.48E-06	1.478	1.700
6005474129665	600547	4129665	1.56E-06	1.559	1.700
6005574129665	600557	4129665	1.64E-06	1.642	1.700
6005674129665	600567	4129665	1.72E-06	1.722	1.700
6005774129665	600577	4129665	1.80E-06	1.801	1.700
6005874129665	600587	4129665	1.88E-06	1.877	1.700
6005974129665	600597	4129665	1.95E-06	1.948	1.700
6006074129665	600607	4129665	2.01E-06	2.015	1.700
6006174129665	600617	4129665	2.08E-06	2.076	1.700
6006274129665	600627	4129665	2.13E-06	2.131	1.700
6006374129665	600637	4129665	2.18E-06	2.183	1.700
6006474129665	600647	4129665	2.23E-06	2.230	1.700
6006574129665	600657	4129665	2.27E-06	2.271	1.700
6006674129665	600667	4129665	2.30E-06	2.302	1.700
6006774129665	600677	4129665	2.33E-06	2.328	1.700
6006874129665	600687	4129665	2.35E-06	2.353	1.700
6006974129665	600697	4129665	2.37E-06	2.374	1.700
6007074129665	600707	4129665	2.39E-06	2.388	1.700
6007174129665	600717	4129665	2.40E-06	2.397	1.700
6007274129665	600727	4129665	2.41E-06	2.405	1.700
6007374129665	600737	4129665	2.41E-06	2.409	1.700
6007474129665	600747	4129665	2.41E-06	2.411	1.700
6007574129665	600757	4129665	2.41E-06	2.411	1.700
6003174129675	600317	4129675	4.49E-07	0.449	1.700
6003274129675	600327	4129675	4.65E-07	0.465	1.700
6003374129675	600337	4129675	4.83E-07	0.483	1.700
6003474129675	600347	4129675	5.02E-07	0.502	1.700
6003574129675	600357	4129675	5.24E-07	0.524	1.700
6003674129675	600367	4129675	5.49E-07	0.549	1.700
6003774129675	600377	4129675	5.76E-07	0.576	1.700
6003874129675	600387	4129675	6.07E-07	0.607	1.700
6003974129675	600397	4129675	6.41E-07	0.641	1.700
6004074129675	600407	4129675	6.79E-07	0.679	1.700
6004174129675	600417	4129675	7.21E-07	0.721	1.700
6004274129675	600427	4129675	7.69E-07	0.769	1.700
6004374129675	600437	4129675	8.20E-07	0.820	1.700
6004474129675	600447	4129675	8.75E-07	0.875	1.700
6004574129675	600457	4129675	9.35E-07	0.935	1.700
6004674129675	600467	4129675	9.99E-07	0.999	1.700
6004774129675	600477	4129675	1.07E-06	1.069	1.700
6004874129675	600487	4129675	1.14E-06	1.143	1.700
6004974129675	600497	4129675	1.22E-06	1.221	1.700
6005074129675	600507	4129675	1.30E-06	1.302	1.700
6005174129675	600517	4129675	1.39E-06	1.387	1.700
6005274129675	600527	4129675	1.48E-06	1.476	1.700
6005374129675	600537	4129675	1.56E-06	1.563	1.700
6005474129675	600547	4129675	1.65E-06	1.653	1.700
6005574129675	600557	4129675	1.74E-06	1.742	1.700

6005674129675	600567	4129675	1.83E-06	1.829	1.700
6005774129675	600577	4129675	1.91E-06	1.914	1.700
6005874129675	600587	4129675	2.00E-06	1.996	1.700
6005974129675	600597	4129675	2.07E-06	2.072	1.700
6006074129675	600607	4129675	2.14E-06	2.142	1.700
6006174129675	600617	4129675	2.21E-06	2.207	1.700
6006274129675	600627	4129675	2.26E-06	2.263	1.700
6006374129675	600637	4129675	2.32E-06	2.319	1.700
6006474129675	600647	4129675	2.37E-06	2.367	1.700
6006574129675	600657	4129675	2.41E-06	2.408	1.700
6006674129675	600667	4129675	2.44E-06	2.441	1.700
6006774129675	600677	4129675	2.47E-06	2.467	1.700
6006874129675	600687	4129675	2.49E-06	2.492	1.700
6006974129675	600697	4129675	2.51E-06	2.511	1.700
6007074129675	600707	4129675	2.52E-06	2.523	1.700
6007174129675	600717	4129675	2.53E-06	2.533	1.700
6007274129675	600727	4129675	2.54E-06	2.539	1.700
6007374129675	600737	4129675	2.54E-06	2.543	1.700
6007474129675	600747	4129675	2.54E-06	2.544	1.700
6007574129675	600757	4129675	2.54E-06	2.542	1.700
6007674129675	600767	4129675	2.54E-06	2.538	1.700
6002974129685	600297	4129685	4.35E-07	0.435	1.700
6003074129685	600307	4129685	4.49E-07	0.449	1.700
6003174129685	600317	4129685	4.63E-07	0.463	1.700
6003274129685	600327	4129685	4.80E-07	0.480	1.700
6003374129685	600337	4129685	4.98E-07	0.498	1.700
6003474129685	600347	4129685	5.18E-07	0.518	1.700
6003574129685	600357	4129685	5.41E-07	0.541	1.700
6003674129685	600367	4129685	5.66E-07	0.566	1.700
6003774129685	600377	4129685	5.95E-07	0.595	1.700
6003874129685	600387	4129685	6.27E-07	0.627	1.700
6003974129685	600397	4129685	6.62E-07	0.662	1.700
6004074129685	600407	4129685	7.02E-07	0.702	1.700
6004174129685	600417	4129685	7.48E-07	0.748	1.700
6004274129685	600427	4129685	7.98E-07	0.798	1.700
6004374129685	600437	4129685	8.51E-07	0.851	1.700
6004474129685	600447	4129685	9.11E-07	0.911	1.700
6004574129685	600457	4129685	9.75E-07	0.975	1.700
6004674129685	600467	4129685	1.04E-06	1.044	1.700
6004774129685	600477	4129685	1.12E-06	1.120	1.700
6004874129685	600487	4129685	1.20E-06	1.199	1.700
6004974129685	600497	4129685	1.28E-06	1.283	1.700
6005074129685	600507	4129685	1.37E-06	1.373	1.700
6005174129685	600517	4129685	1.47E-06	1.467	1.700
6005274129685	600527	4129685	1.56E-06	1.561	1.700
6005374129685	600537	4129685	1.66E-06	1.657	1.700
6005474129685	600547	4129685	1.75E-06	1.755	1.700
6005574129685	600557	4129685	1.85E-06	1.851	1.700
6005674129685	600567	4129685	1.95E-06	1.946	1.700
6005774129685	600577	4129685	2.04E-06	2.038	1.700
6005874129685	600587	4129685	2.13E-06	2.126	1.700
6005974129685	600597	4129685	2.21E-06	2.208	1.700
6006074129685	600607	4129685	2.28E-06	2.283	1.700
6006174129685	600617	4129685	2.35E-06	2.352	1.700
6006274129685	600627	4129685	2.41E-06	2.412	1.700



6006374129685	600637	4129685	2.47E-06	2.468	1.700
6006474129685	600647	4129685	2.52E-06	2.518	1.700
6006574129685	600657	4129685	2.56E-06	2.558	1.700
6006674129685	600667	4129685	2.59E-06	2.592	1.700
6006774129685	600677	4129685	2.62E-06	2.619	1.700
6006874129685	600687	4129685	2.64E-06	2.643	1.700
6006974129685	600697	4129685	2.66E-06	2.660	1.700
6007074129685	600707	4129685	2.67E-06	2.672	1.700
6007174129685	600717	4129685	2.68E-06	2.680	1.700
6007274129685	600727	4129685	2.69E-06	2.686	1.700
6007374129685	600737	4129685	2.69E-06	2.688	1.700
6007474129685	600747	4129685	2.69E-06	2.687	1.700
6007574129685	600757	4129685	2.68E-06	2.684	1.700
6007674129685	600767	4129685	2.68E-06	2.678	1.700
6007774129685	600777	4129685	2.67E-06	2.671	1.700
6007874129685	600787	4129685	2.66E-06	2.662	1.700
6002874129695	600287	4129695	4.38E-07	0.438	1.700
6002974129695	600297	4129695	4.50E-07	0.450	1.700
6003074129695	600307	4129695	4.64E-07	0.464	1.700
6003174129695	600317	4129695	4.78E-07	0.478	1.700
6003274129695	600327	4129695	4.95E-07	0.495	1.700
6003374129695	600337	4129695	5.14E-07	0.514	1.700
6003474129695	600347	4129695	5.35E-07	0.535	1.700
6003574129695	600357	4129695	5.58E-07	0.558	1.700
6003674129695	600367	4129695	5.85E-07	0.585	1.700
6003774129695	600377	4129695	6.14E-07	0.614	1.700
6003874129695	600387	4129695	6.47E-07	0.647	1.700
6003974129695	600397	4129695	6.84E-07	0.684	1.700
6004074129695	600407	4129695	7.28E-07	0.728	1.700
6004174129695	600417	4129695	7.75E-07	0.775	1.700
6004274129695	600427	4129695	8.27E-07	0.827	1.700
6004374129695	600437	4129695	8.85E-07	0.885	1.700
6004474129695	600447	4129695	9.49E-07	0.949	1.700
6004574129695	600457	4129695	1.02E-06	1.017	1.700
6004674129695	600467	4129695	1.09E-06	1.092	1.700
6004774129695	600477	4129695	1.17E-06	1.174	1.700
6004874129695	600487	4129695	1.26E-06	1.260	1.700
6004974129695	600497	4129695	1.35E-06	1.353	1.700
6005074129695	600507	4129695	1.45E-06	1.451	1.700
6005174129695	600517	4129695	1.55E-06	1.551	1.700
6005274129695	600527	4129695	1.66E-06	1.655	1.700
6005374129695	600537	4129695	1.76E-06	1.761	1.700
6005474129695	600547	4129695	1.87E-06	1.867	1.700
6005574129695	600557	4129695	1.97E-06	1.971	1.700
6005674129695	600567	4129695	2.07E-06	2.075	1.700
6005774129695	600577	4129695	2.17E-06	2.174	1.700
6005874129695	600587	4129695	2.27E-06	2.269	1.700
6005974129695	600597	4129695	2.36E-06	2.357	1.700
6006074129695	600607	4129695	2.44E-06	2.437	1.700
6006174129695	600617	4129695	2.51E-06	2.510	1.700
6006274129695	600627	4129695	2.58E-06	2.575	1.700
6006374129695	600637	4129695	2.63E-06	2.632	1.700
6006474129695	600647	4129695	2.68E-06	2.683	1.700
6006574129695	600657	4129695	2.72E-06	2.725	1.700
6006674129695	600667	4129695	2.76E-06	2.756	1.700

6006774129695	600677	4129695	2.79E-06	2.786	1.700
6006874129695	600687	4129695	2.81E-06	2.808	1.700
6006974129695	600697	4129695	2.82E-06	2.823	1.700
6007074129695	600707	4129695	2.83E-06	2.834	1.700
6007174129695	600717	4129695	2.84E-06	2.841	1.700
6007274129695	600727	4129695	2.84E-06	2.845	1.700
6007374129695	600737	4129695	2.85E-06	2.845	1.700
6007474129695	600747	4129695	2.84E-06	2.843	1.700
6007574129695	600757	4129695	2.84E-06	2.838	1.700
6007674129695	600767	4129695	2.83E-06	2.831	1.700
6007774129695	600777	4129695	2.82E-06	2.821	1.700
6007874129695	600787	4129695	2.81E-06	2.810	1.700
6007974129695	600797	4129695	2.80E-06	2.797	1.700
6002774129705	600277	4129705	4.43E-07	0.443	1.700
6002874129705	600287	4129705	4.54E-07	0.454	1.700
6002974129705	600297	4129705	4.66E-07	0.466	1.700
6003074129705	600307	4129705	4.80E-07	0.480	1.700
6003174129705	600317	4129705	4.95E-07	0.495	1.700
6003274129705	600327	4129705	5.12E-07	0.512	1.700
6003374129705	600337	4129705	5.31E-07	0.531	1.700
6003474129705	600347	4129705	5.52E-07	0.552	1.700
6003574129705	600357	4129705	5.77E-07	0.577	1.700
6003674129705	600367	4129705	6.04E-07	0.604	1.700
6003774129705	600377	4129705	6.35E-07	0.635	1.700
6003874129705	600387	4129705	6.70E-07	0.670	1.700
6003974129705	600397	4129705	7.09E-07	0.709	1.700
6004074129705	600407	4129705	7.54E-07	0.754	1.700
6004174129705	600417	4129705	8.03E-07	0.803	1.700
6004274129705	600427	4129705	8.59E-07	0.859	1.700
6004374129705	600437	4129705	9.21E-07	0.921	1.700
6004474129705	600447	4129705	9.88E-07	0.988	1.700
6004574129705	600457	4129705	1.06E-06	1.062	1.700
6004674129705	600467	4129705	1.14E-06	1.144	1.700
6004774129705	600477	4129705	1.23E-06	1.231	1.700
6004874129705	600487	4129705	1.33E-06	1.326	1.700
6004974129705	600497	4129705	1.43E-06	1.429	1.700
6005074129705	600507	4129705	1.54E-06	1.535	1.700
6005174129705	600517	4129705	1.65E-06	1.646	1.700
6005274129705	600527	4129705	1.76E-06	1.759	1.700
6005374129705	600537	4129705	1.87E-06	1.875	1.700
6005474129705	600547	4129705	1.99E-06	1.991	1.700
6005574129705	600557	4129705	2.11E-06	2.105	1.700
6005674129705	600567	4129705	2.22E-06	2.218	1.700
6005774129705	600577	4129705	2.32E-06	2.324	1.700
6005874129705	600587	4129705	2.43E-06	2.426	1.700
6005974129705	600597	4129705	2.52E-06	2.520	1.700
6006074129705	600607	4129705	2.61E-06	2.607	1.700
6006174129705	600617	4129705	2.69E-06	2.685	1.700
6006274129705	600627	4129705	2.75E-06	2.755	1.700
6006374129705	600637	4129705	2.81E-06	2.813	1.700
6006474129705	600647	4129705	2.86E-06	2.864	1.700
6006574129705	600657	4129705	2.90E-06	2.904	1.700
6006674129705	600667	4129705	2.94E-06	2.939	1.700
6006774129705	600677	4129705	2.97E-06	2.966	1.700
6006874129705	600687	4129705	2.99E-06	2.987	1.700

6006974129705	600697	4129705	3.00E-06	3.002	1.700
6007074129705	600707	4129705	3.01E-06	3.011	1.700
6007174129705	600717	4129705	3.02E-06	3.017	1.700
6007274129705	600727	4129705	3.02E-06	3.018	1.700
6007374129705	600737	4129705	3.02E-06	3.017	1.700
6007474129705	600747	4129705	3.01E-06	3.013	1.700
6007574129705	600757	4129705	3.01E-06	3.006	1.700
6007674129705	600767	4129705	3.00E-06	2.996	1.700
6007774129705	600777	4129705	2.98E-06	2.984	1.700
6007874129705	600787	4129705	2.97E-06	2.971	1.700
6007974129705	600797	4129705	2.96E-06	2.955	1.700
6008074129705	600807	4129705	2.94E-06	2.938	1.700
6002674129715	600267	4129715	4.50E-07	0.450	1.700
6002774129715	600277	4129715	4.60E-07	0.460	1.700
6002874129715	600287	4129715	4.71E-07	0.471	1.700
6002974129715	600297	4129715	4.83E-07	0.483	1.700
6003074129715	600307	4129715	4.97E-07	0.497	1.700
6003174129715	600317	4129715	5.12E-07	0.512	1.700
6003274129715	600327	4129715	5.30E-07	0.530	1.700
6003374129715	600337	4129715	5.49E-07	0.549	1.700
6003474129715	600347	4129715	5.71E-07	0.571	1.700
6003574129715	600357	4129715	5.96E-07	0.596	1.700
6003674129715	600367	4129715	6.25E-07	0.625	1.700
6003774129715	600377	4129715	6.56E-07	0.656	1.700
6003874129715	600387	4129715	6.93E-07	0.693	1.700
6003974129715	600397	4129715	7.34E-07	0.734	1.700
6004074129715	600407	4129715	7.81E-07	0.781	1.700
6004174129715	600417	4129715	8.33E-07	0.833	1.700
6004274129715	600427	4129715	8.93E-07	0.893	1.700
6004374129715	600437	4129715	9.58E-07	0.958	1.700
6004474129715	600447	4129715	1.03E-06	1.030	1.700
6004574129715	600457	4129715	1.11E-06	1.111	1.700
6004674129715	600467	4129715	1.20E-06	1.199	1.700
6004774129715	600477	4129715	1.29E-06	1.294	1.700
6004874129715	600487	4129715	1.40E-06	1.400	1.700
6004974129715	600497	4129715	1.51E-06	1.512	1.700
6005074129715	600507	4129715	1.63E-06	1.627	1.700
6005174129715	600517	4129715	1.75E-06	1.749	1.700
6005274129715	600527	4129715	1.87E-06	1.875	1.700
6005374129715	600537	4129715	2.00E-06	2.002	1.700
6005474129715	600547	4129715	2.13E-06	2.128	1.700
6005574129715	600557	4129715	2.25E-06	2.254	1.700
6005674129715	600567	4129715	2.38E-06	2.376	1.700
6005774129715	600577	4129715	2.49E-06	2.493	1.700
6005874129715	600587	4129715	2.60E-06	2.601	1.700
6005974129715	600597	4129715	2.70E-06	2.703	1.700
6006074129715	600607	4129715	2.80E-06	2.797	1.700
6006174129715	600617	4129715	2.88E-06	2.880	1.700
6006274129715	600627	4129715	2.95E-06	2.953	1.700
6006374129715	600637	4129715	3.01E-06	3.014	1.700
6006474129715	600647	4129715	3.06E-06	3.063	1.700
6006574129715	600657	4129715	3.10E-06	3.103	1.700
6006674129715	600667	4129715	3.14E-06	3.140	1.700
6006774129715	600677	4129715	3.17E-06	3.167	1.700
6006874129715	600687	4129715	3.19E-06	3.187	1.700

6006974129715	600697	4129715	3.20E-06	3.199	1.700
6007074129715	600707	4129715	3.21E-06	3.206	1.700
6007174129715	600717	4129715	3.21E-06	3.209	1.700
6007274129715	600727	4129715	3.21E-06	3.209	1.700
6007374129715	600737	4129715	3.21E-06	3.205	1.700
6007474129715	600747	4129715	3.20E-06	3.199	1.700
6007574129715	600757	4129715	3.19E-06	3.189	1.700
6007674129715	600767	4129715	3.18E-06	3.176	1.700
6007774129715	600777	4129715	3.16E-06	3.162	1.700
6007874129715	600787	4129715	3.14E-06	3.145	1.700
6007974129715	600797	4129715	3.13E-06	3.127	1.700
6008074129715	600807	4129715	3.11E-06	3.106	1.700
6008174129715	600817	4129715	3.08E-06	3.084	1.700
6002574129725	600257	4129725	4.58E-07	0.458	1.700
6002674129725	600267	4129725	4.68E-07	0.468	1.700
6002774129725	600277	4129725	4.78E-07	0.478	1.700
6002874129725	600287	4129725	4.89E-07	0.489	1.700
6002974129725	600297	4129725	5.02E-07	0.502	1.700
6003074129725	600307	4129725	5.16E-07	0.516	1.700
6003174129725	600317	4129725	5.32E-07	0.532	1.700
6003274129725	600327	4129725	5.49E-07	0.549	1.700
6003374129725	600337	4129725	5.69E-07	0.569	1.700
6003474129725	600347	4129725	5.92E-07	0.592	1.700
6003574129725	600357	4129725	6.17E-07	0.617	1.700
6003674129725	600367	4129725	6.46E-07	0.646	1.700
6003774129725	600377	4129725	6.79E-07	0.679	1.700
6003874129725	600387	4129725	7.17E-07	0.717	1.700
6003974129725	600397	4129725	7.61E-07	0.761	1.700
6004074129725	600407	4129725	8.10E-07	0.810	1.700
6004174129725	600417	4129725	8.65E-07	0.865	1.700
6004274129725	600427	4129725	9.28E-07	0.928	1.700
6004374129725	600437	4129725	9.96E-07	0.996	1.700
6004474129725	600447	4129725	1.08E-06	1.076	1.700
6004574129725	600457	4129725	1.16E-06	1.163	1.700
6004674129725	600467	4129725	1.26E-06	1.258	1.700
6004774129725	600477	4129725	1.36E-06	1.364	1.700
6004874129725	600487	4129725	1.48E-06	1.479	1.700
6004974129725	600497	4129725	1.60E-06	1.600	1.700
6005074129725	600507	4129725	1.73E-06	1.728	1.700
6005174129725	600517	4129725	1.86E-06	1.863	1.700
6005274129725	600527	4129725	2.00E-06	2.001	1.700
6005374129725	600537	4129725	2.14E-06	2.140	1.700
6005474129725	600547	4129725	2.28E-06	2.281	1.700
6005574129725	600557	4129725	2.42E-06	2.419	1.700
6005674129725	600567	4129725	2.55E-06	2.553	1.700
6005774129725	600577	4129725	2.68E-06	2.679	1.700
6005874129725	600587	4129725	2.80E-06	2.798	1.700
6005974129725	600597	4129725	2.91E-06	2.909	1.700
6006074129725	600607	4129725	3.01E-06	3.009	1.700
6006174129725	600617	4129725	3.10E-06	3.097	1.700
6006274129725	600627	4129725	3.17E-06	3.172	1.700
6006374129725	600637	4129725	3.23E-06	3.232	1.700
6006474129725	600647	4129725	3.28E-06	3.282	1.700
6006574129725	600657	4129725	3.33E-06	3.326	1.700
6006674129725	600667	4129725	3.36E-06	3.362	1.700

6006774129725	600677	4129725	3.39E-06	3.388	1.700
6006874129725	600687	4129725	3.40E-06	3.405	1.700
6006974129725	600697	4129725	3.42E-06	3.415	1.700
6007074129725	600707	4129725	3.42E-06	3.420	1.700
6007174129725	600717	4129725	3.42E-06	3.421	1.700
6007274129725	600727	4129725	3.42E-06	3.418	1.700
6007374129725	600737	4129725	3.41E-06	3.412	1.700
6007474129725	600747	4129725	3.40E-06	3.402	1.700
6007574129725	600757	4129725	3.39E-06	3.389	1.700
6007674129725	600767	4129725	3.37E-06	3.373	1.700
6007774129725	600777	4129725	3.35E-06	3.354	1.700
6007874129725	600787	4129725	3.33E-06	3.334	1.700
6007974129725	600797	4129725	3.31E-06	3.312	1.700
6008074129725	600807	4129725	3.29E-06	3.287	1.700
6008174129725	600817	4129725	3.26E-06	3.260	1.700
6008274129725	600827	4129725	3.23E-06	3.232	1.700
6002474129735	600247	4129735	4.68E-07	0.468	1.700
6002574129735	600257	4129735	4.78E-07	0.478	1.700
6002674129735	600267	4129735	4.87E-07	0.487	1.700
6002774129735	600277	4129735	4.98E-07	0.498	1.700
6002874129735	600287	4129735	5.10E-07	0.510	1.700
6002974129735	600297	4129735	5.22E-07	0.522	1.700
6003074129735	600307	4129735	5.37E-07	0.537	1.700
6003174129735	600317	4129735	5.53E-07	0.553	1.700
6003274129735	600327	4129735	5.70E-07	0.570	1.700
6003374129735	600337	4129735	5.90E-07	0.590	1.700
6003474129735	600347	4129735	6.14E-07	0.614	1.700
6003574129735	600357	4129735	6.40E-07	0.640	1.700
6003674129735	600367	4129735	6.70E-07	0.670	1.700
6003774129735	600377	4129735	7.04E-07	0.704	1.700
6003874129735	600387	4129735	7.44E-07	0.744	1.700
6003974129735	600397	4129735	7.89E-07	0.789	1.700
6004074129735	600407	4129735	8.40E-07	0.840	1.700
6004174129735	600417	4129735	8.99E-07	0.899	1.700
6004274129735	600427	4129735	9.65E-07	0.965	1.700
6004374129735	600437	4129735	1.04E-06	1.040	1.700
6004474129735	600447	4129735	1.12E-06	1.125	1.700
6004574129735	600457	4129735	1.22E-06	1.218	1.700
6004674129735	600467	4129735	1.32E-06	1.324	1.700
6004774129735	600477	4129735	1.44E-06	1.440	1.700
6004874129735	600487	4129735	1.56E-06	1.564	1.700
6004974129735	600497	4129735	1.70E-06	1.697	1.700
6005074129735	600507	4129735	1.84E-06	1.840	1.700
6005174129735	600517	4129735	1.99E-06	1.990	1.700
6005274129735	600527	4129735	2.14E-06	2.143	1.700
6005374129735	600537	4129735	2.30E-06	2.297	1.700
6005474129735	600547	4129735	2.45E-06	2.453	1.700
6005574129735	600557	4129735	2.60E-06	2.605	1.700
6005674129735	600567	4129735	2.75E-06	2.752	1.700
6005774129735	600577	4129735	2.89E-06	2.890	1.700
6005874129735	600587	4129735	3.02E-06	3.020	1.700
6005974129735	600597	4129735	3.14E-06	3.139	1.700
6006074129735	600607	4129735	3.24E-06	3.244	1.700
6006174129735	600617	4129735	3.34E-06	3.337	1.700
6006274129735	600627	4129735	3.41E-06	3.415	1.700

6006374129735	600637	4129735	3.48E-06	3.475	1.700
6006474129735	600647	4129735	3.53E-06	3.528	1.700
6006574129735	600657	4129735	3.57E-06	3.574	1.700
6006674129735	600667	4129735	3.61E-06	3.609	1.700
6006774129735	600677	4129735	3.63E-06	3.632	1.700
6006874129735	600687	4129735	3.65E-06	3.647	1.700
6006974129735	600697	4129735	3.65E-06	3.655	1.700
6007074129735	600707	4129735	3.66E-06	3.657	1.700
6007174129735	600717	4129735	3.65E-06	3.654	1.700
6007274129735	600727	4129735	3.65E-06	3.648	1.700
6007374129735	600737	4129735	3.64E-06	3.638	1.700
6007474129735	600747	4129735	3.62E-06	3.625	1.700
6007574129735	600757	4129735	3.61E-06	3.608	1.700
6007674129735	600767	4129735	3.59E-06	3.588	1.700
6007774129735	600777	4129735	3.57E-06	3.565	1.700
6007874129735	600787	4129735	3.54E-06	3.540	1.700
6007974129735	600797	4129735	3.51E-06	3.512	1.700
6008074129735	600807	4129735	3.48E-06	3.482	1.700
6008174129735	600817	4129735	3.45E-06	3.449	1.700
6008274129735	600827	4129735	3.41E-06	3.415	1.700
6008374129735	600837	4129735	3.38E-06	3.378	1.700
6002474129745	600247	4129745	4.89E-07	0.489	1.700
6002574129745	600257	4129745	4.99E-07	0.499	1.700
6002674129745	600267	4129745	5.09E-07	0.509	1.700
6002774129745	600277	4129745	5.20E-07	0.520	1.700
6002874129745	600287	4129745	5.32E-07	0.532	1.700
6002974129745	600297	4129745	5.45E-07	0.545	1.700
6003074129745	600307	4129745	5.59E-07	0.559	1.700
6003174129745	600317	4129745	5.76E-07	0.576	1.700
6003274129745	600327	4129745	5.94E-07	0.594	1.700
6003374129745	600337	4129745	6.14E-07	0.614	1.700
6003474129745	600347	4129745	6.37E-07	0.637	1.700
6003574129745	600357	4129745	6.64E-07	0.664	1.700
6003674129745	600367	4129745	6.95E-07	0.695	1.700
6003774129745	600377	4129745	7.30E-07	0.730	1.700
6003874129745	600387	4129745	7.71E-07	0.771	1.700
6003974129745	600397	4129745	8.18E-07	0.818	1.700
6004074129745	600407	4129745	8.72E-07	0.872	1.700
6004174129745	600417	4129745	9.34E-07	0.934	1.700
6004274129745	600427	4129745	1.01E-06	1.005	1.700
6004374129745	600437	4129745	1.09E-06	1.086	1.700
6004474129745	600447	4129745	1.18E-06	1.176	1.700
6004574129745	600457	4129745	1.28E-06	1.279	1.700
6004674129745	600467	4129745	1.39E-06	1.395	1.700
6004774129745	600477	4129745	1.52E-06	1.519	1.700
6004874129745	600487	4129745	1.66E-06	1.656	1.700
6004974129745	600497	4129745	1.80E-06	1.805	1.700
6005074129745	600507	4129745	1.96E-06	1.963	1.700
6005174129745	600517	4129745	2.13E-06	2.129	1.700
6005274129745	600527	4129745	2.30E-06	2.300	1.700
6005374129745	600537	4129745	2.47E-06	2.473	1.700
6005474129745	600547	4129745	2.64E-06	2.645	1.700
6005574129745	600557	4129745	2.81E-06	2.813	1.700
6005674129745	600567	4129745	2.98E-06	2.975	1.700
6005774129745	600577	4129745	3.13E-06	3.128	1.700

6005874129745	600587	4129745	3.27E-06	3.270	1.700
6005974129745	600597	4129745	3.40E-06	3.397	1.700
6006074129745	600607	4129745	3.51E-06	3.510	1.700
6006174129745	600617	4129745	3.61E-06	3.606	1.700
6006274129745	600627	4129745	3.68E-06	3.684	1.700
6006374129745	600637	4129745	3.75E-06	3.748	1.700
6006474129745	600647	4129745	3.80E-06	3.805	1.700
6006574129745	600657	4129745	3.85E-06	3.849	1.700
6006674129745	600667	4129745	3.88E-06	3.882	1.700
6006774129745	600677	4129745	3.90E-06	3.903	1.700
6006874129745	600687	4129745	3.91E-06	3.915	1.700
6006974129745	600697	4129745	3.92E-06	3.920	1.700
6007074129745	600707	4129745	3.92E-06	3.919	1.700
6007174129745	600717	4129745	3.91E-06	3.913	1.700
6007274129745	600727	4129745	3.90E-06	3.902	1.700
6007374129745	600737	4129745	3.89E-06	3.887	1.700
6007474129745	600747	4129745	3.87E-06	3.869	1.700
6007574129745	600757	4129745	3.85E-06	3.848	1.700
6007674129745	600767	4129745	3.82E-06	3.823	1.700
6007774129745	600777	4129745	3.79E-06	3.794	1.700
6007874129745	600787	4129745	3.76E-06	3.763	1.700
6007974129745	600797	4129745	3.73E-06	3.728	1.700
6008074129745	600807	4129745	3.69E-06	3.691	1.700
6008174129745	600817	4129745	3.65E-06	3.651	1.700
6008274129745	600827	4129745	3.61E-06	3.609	1.700
6008374129745	600837	4129745	3.56E-06	3.564	1.700
6002374129755	600237	4129755	5.03E-07	0.503	1.700
6002474129755	600247	4129755	5.12E-07	0.512	1.700
6002574129755	600257	4129755	5.22E-07	0.522	1.700
6002674129755	600267	4129755	5.32E-07	0.532	1.700
6002774129755	600277	4129755	5.44E-07	0.544	1.700
6002874129755	600287	4129755	5.56E-07	0.556	1.700
6002974129755	600297	4129755	5.69E-07	0.569	1.700
6003074129755	600307	4129755	5.84E-07	0.584	1.700
6003174129755	600317	4129755	6.00E-07	0.600	1.700
6003274129755	600327	4129755	6.19E-07	0.619	1.700
6003374129755	600337	4129755	6.39E-07	0.639	1.700
6003474129755	600347	4129755	6.63E-07	0.663	1.700
6003574129755	600357	4129755	6.90E-07	0.690	1.700
6003674129755	600367	4129755	7.22E-07	0.722	1.700
6003774129755	600377	4129755	7.59E-07	0.759	1.700
6003874129755	600387	4129755	8.02E-07	0.802	1.700
6003974129755	600397	4129755	8.51E-07	0.851	1.700
6004074129755	600407	4129755	9.08E-07	0.908	1.700
6004174129755	600417	4129755	9.73E-07	0.973	1.700
6004274129755	600427	4129755	1.05E-06	1.048	1.700
6004374129755	600437	4129755	1.13E-06	1.134	1.700
6004474129755	600447	4129755	1.23E-06	1.233	1.700
6004574129755	600457	4129755	1.35E-06	1.346	1.700
6004674129755	600467	4129755	1.47E-06	1.470	1.700
6004774129755	600477	4129755	1.61E-06	1.606	1.700
6004874129755	600487	4129755	1.76E-06	1.758	1.700
6004974129755	600497	4129755	1.92E-06	1.924	1.700
6005074129755	600507	4129755	2.10E-06	2.099	1.700
6005174129755	600517	4129755	2.28E-06	2.283	1.700

6005274129755	600527	4129755	2.47E-06	2.474	1.700
6005374129755	600537	4129755	2.67E-06	2.668	1.700
6005474129755	600547	4129755	2.86E-06	2.861	1.700
6005574129755	600557	4129755	3.05E-06	3.048	1.700
6005674129755	600567	4129755	3.23E-06	3.226	1.700
6005774129755	600577	4129755	3.40E-06	3.398	1.700
6005874129755	600587	4129755	3.55E-06	3.553	1.700
6005974129755	600597	4129755	3.69E-06	3.689	1.700
6006074129755	600607	4129755	3.81E-06	3.809	1.700
6006174129755	600617	4129755	3.91E-06	3.907	1.700
6006274129755	600627	4129755	3.99E-06	3.988	1.700
6006374129755	600637	4129755	4.06E-06	4.058	1.700
6006474129755	600647	4129755	4.11E-06	4.113	1.700
6006574129755	600657	4129755	4.16E-06	4.157	1.700
6006674129755	600667	4129755	4.19E-06	4.186	1.700
6006774129755	600677	4129755	4.20E-06	4.204	1.700
6006874129755	600687	4129755	4.21E-06	4.213	1.700
6006974129755	600697	4129755	4.22E-06	4.215	1.700
6007074129755	600707	4129755	4.21E-06	4.210	1.700
6007174129755	600717	4129755	4.20E-06	4.199	1.700
6007274129755	600727	4129755	4.18E-06	4.184	1.700
6007374129755	600737	4129755	4.16E-06	4.163	1.700
6007474129755	600747	4129755	4.14E-06	4.139	1.700
6007574129755	600757	4129755	4.11E-06	4.111	1.700
6007674129755	600767	4129755	4.08E-06	4.078	1.700
6007774129755	600777	4129755	4.04E-06	4.043	1.700
6007874129755	600787	4129755	4.00E-06	4.003	1.700
6007974129755	600797	4129755	3.96E-06	3.960	1.700
6008074129755	600807	4129755	3.91E-06	3.914	1.700
6008174129755	600817	4129755	3.87E-06	3.866	1.700
6008274129755	600827	4129755	3.81E-06	3.814	1.700
6008374129755	600837	4129755	3.76E-06	3.760	1.700
6008474129755	600847	4129755	3.70E-06	3.704	1.700
6002274129765	600227	4129765	5.18E-07	0.518	1.700
6002374129765	600237	4129765	5.27E-07	0.527	1.700
6002474129765	600247	4129765	5.37E-07	0.537	1.700
6002574129765	600257	4129765	5.48E-07	0.548	1.700
6002674129765	600267	4129765	5.58E-07	0.558	1.700
6002774129765	600277	4129765	5.70E-07	0.570	1.700
6002874129765	600287	4129765	5.83E-07	0.583	1.700
6002974129765	600297	4129765	5.96E-07	0.596	1.700
6003074129765	600307	4129765	6.11E-07	0.611	1.700
6003174129765	600317	4129765	6.28E-07	0.628	1.700
6003274129765	600327	4129765	6.47E-07	0.647	1.700
6003374129765	600337	4129765	6.68E-07	0.668	1.700
6003474129765	600347	4129765	6.92E-07	0.692	1.700
6003574129765	600357	4129765	7.20E-07	0.720	1.700
6003674129765	600367	4129765	7.52E-07	0.752	1.700
6003774129765	600377	4129765	7.90E-07	0.790	1.700
6003874129765	600387	4129765	8.34E-07	0.834	1.700
6003974129765	600397	4129765	8.85E-07	0.885	1.700
6004074129765	600407	4129765	9.45E-07	0.945	1.700
6004174129765	600417	4129765	1.01E-06	1.014	1.700
6004274129765	600427	4129765	1.09E-06	1.094	1.700
6004374129765	600437	4129765	1.19E-06	1.187	1.700



6004474129765	600447	4129765	1.30E-06	1.295	1.700
6004574129765	600457	4129765	1.42E-06	1.417	1.700
6004674129765	600467	4129765	1.55E-06	1.552	1.700
6004774129765	600477	4129765	1.70E-06	1.703	1.700
6004874129765	600487	4129765	1.87E-06	1.871	1.700
6004974129765	600497	4129765	2.05E-06	2.055	1.700
6005074129765	600507	4129765	2.25E-06	2.250	1.700
6005174129765	600517	4129765	2.45E-06	2.454	1.700
6005274129765	600527	4129765	2.67E-06	2.669	1.700
6005374129765	600537	4129765	2.89E-06	2.887	1.700
6005474129765	600547	4129765	3.10E-06	3.103	1.700
6005574129765	600557	4129765	3.31E-06	3.313	1.700
6005674129765	600567	4129765	3.51E-06	3.513	1.700
6005774129765	600577	4129765	3.70E-06	3.702	1.700
6005874129765	600587	4129765	3.87E-06	3.874	1.700
6005974129765	600597	4129765	4.02E-06	4.020	1.700
6006074129765	600607	4129765	4.15E-06	4.145	1.700
6006174129765	600617	4129765	4.24E-06	4.245	1.700
6006274129765	600627	4129765	4.33E-06	4.334	1.700
6006374129765	600637	4129765	4.41E-06	4.405	1.700
6006474129765	600647	4129765	4.46E-06	4.459	1.700
6006574129765	600657	4129765	4.50E-06	4.500	1.700
6006674129765	600667	4129765	4.53E-06	4.526	1.700
6006774129765	600677	4129765	4.54E-06	4.541	1.700
6006874129765	600687	4129765	4.55E-06	4.547	1.700
6006974129765	600697	4129765	4.55E-06	4.545	1.700
6007074129765	600707	4129765	4.54E-06	4.535	1.700
6007174129765	600717	4129765	4.52E-06	4.518	1.700
6007274129765	600727	4129765	4.50E-06	4.495	1.700
6007374129765	600737	4129765	4.47E-06	4.468	1.700
6007474129765	600747	4129765	4.43E-06	4.435	1.700
6007574129765	600757	4129765	4.40E-06	4.398	1.700
6007674129765	600767	4129765	4.36E-06	4.357	1.700
6007774129765	600777	4129765	4.31E-06	4.311	1.700
6007874129765	600787	4129765	4.26E-06	4.262	1.700
6007974129765	600797	4129765	4.21E-06	4.208	1.700
6008074129765	600807	4129765	4.15E-06	4.151	1.700
6008174129765	600817	4129765	4.09E-06	4.092	1.700
6008274129765	600827	4129765	4.03E-06	4.029	1.700
6008374129765	600837	4129765	3.96E-06	3.964	1.700
6008474129765	600847	4129765	3.90E-06	3.897	1.700
6008574129765	600857	4129765	3.83E-06	3.828	1.700
6002274129775	600227	4129775	5.44E-07	0.544	1.700
6002374129775	600237	4129775	5.54E-07	0.554	1.700
6002474129775	600247	4129775	5.65E-07	0.565	1.700
6002574129775	600257	4129775	5.76E-07	0.576	1.700
6002674129775	600267	4129775	5.87E-07	0.587	1.700
6002774129775	600277	4129775	5.99E-07	0.599	1.700
6002874129775	600287	4129775	6.12E-07	0.612	1.700
6002974129775	600297	4129775	6.26E-07	0.626	1.700
6003074129775	600307	4129775	6.41E-07	0.641	1.700
6003174129775	600317	4129775	6.58E-07	0.658	1.700
6003274129775	600327	4129775	6.77E-07	0.677	1.700
6003374129775	600337	4129775	6.98E-07	0.698	1.700
6003474129775	600347	4129775	7.23E-07	0.723	1.700

6003574129775	600357	4129775	7.51E-07	0.751	1.700
6003674129775	600367	4129775	7.84E-07	0.784	1.700
6003774129775	600377	4129775	8.23E-07	0.823	1.700
6003874129775	600387	4129775	8.69E-07	0.869	1.700
6003974129775	600397	4129775	9.22E-07	0.922	1.700
6004074129775	600407	4129775	9.84E-07	0.984	1.700
6004174129775	600417	4129775	1.06E-06	1.057	1.700
6004274129775	600427	4129775	1.14E-06	1.143	1.700
6004374129775	600437	4129775	1.25E-06	1.245	1.700
6004474129775	600447	4129775	1.36E-06	1.362	1.700
6004574129775	600457	4129775	1.49E-06	1.493	1.700
6004674129775	600467	4129775	1.64E-06	1.642	1.700
6004774129775	600477	4129775	1.81E-06	1.809	1.700
6004874129775	600487	4129775	2.00E-06	1.997	1.700
6004974129775	600497	4129775	2.20E-06	2.200	1.700
6005074129775	600507	4129775	2.42E-06	2.418	1.700
6005174129775	600517	4129775	2.65E-06	2.649	1.700
6005274129775	600527	4129775	2.89E-06	2.889	1.700
6005374129775	600537	4129775	3.13E-06	3.135	1.700
6005474129775	600547	4129775	3.38E-06	3.379	1.700
6005574129775	600557	4129775	3.62E-06	3.615	1.700
6005674129775	600567	4129775	3.84E-06	3.839	1.700
6005774129775	600577	4129775	4.05E-06	4.046	1.700
6005874129775	600587	4129775	4.24E-06	4.235	1.700
6005974129775	600597	4129775	4.40E-06	4.396	1.700
6006074129775	600607	4129775	4.52E-06	4.524	1.700
6006174129775	600617	4129775	4.63E-06	4.633	1.700
6006274129775	600627	4129775	4.73E-06	4.729	1.700
6006374129775	600637	4129775	4.80E-06	4.799	1.700
6006474129775	600647	4129775	4.85E-06	4.851	1.700
6006574129775	600657	4129775	4.89E-06	4.888	1.700
6006674129775	600667	4129775	4.91E-06	4.910	1.700
6006774129775	600677	4129775	4.92E-06	4.922	1.700
6006874129775	600687	4129775	4.92E-06	4.924	1.700
6006974129775	600697	4129775	4.92E-06	4.916	1.700
6007074129775	600707	4129775	4.90E-06	4.898	1.700
6007174129775	600717	4129775	4.87E-06	4.873	1.700
6007274129775	600727	4129775	4.84E-06	4.842	1.700
6007374129775	600737	4129775	4.80E-06	4.804	1.700
6007474129775	600747	4129775	4.76E-06	4.761	1.700
6007574129775	600757	4129775	4.71E-06	4.712	1.700
6007674129775	600767	4129775	4.66E-06	4.658	1.700
6007774129775	600777	4129775	4.60E-06	4.601	1.700
6007874129775	600787	4129775	4.54E-06	4.539	1.700
6007974129775	600797	4129775	4.47E-06	4.472	1.700
6008074129775	600807	4129775	4.40E-06	4.402	1.700
6008174129775	600817	4129775	4.33E-06	4.329	1.700
6008274129775	600827	4129775	4.25E-06	4.253	1.700
6008374129775	600837	4129775	4.17E-06	4.175	1.700
6008474129775	600847	4129775	4.09E-06	4.095	1.700
6008574129775	600857	4129775	4.01E-06	4.013	1.700
6002174129785	600217	4129785	5.62E-07	0.562	1.700
6002274129785	600227	4129785	5.73E-07	0.573	1.700
6002374129785	600237	4129785	5.84E-07	0.584	1.700
6002474129785	600247	4129785	5.95E-07	0.595	1.700

6002574129785	600257	4129785	6.06E-07	0.606	1.700
6002674129785	600267	4129785	6.19E-07	0.619	1.700
6002774129785	600277	4129785	6.31E-07	0.631	1.700
6002874129785	600287	4129785	6.44E-07	0.644	1.700
6002974129785	600297	4129785	6.59E-07	0.659	1.700
6003074129785	600307	4129785	6.75E-07	0.675	1.700
6003174129785	600317	4129785	6.92E-07	0.692	1.700
6003274129785	600327	4129785	7.11E-07	0.711	1.700
6003374129785	600337	4129785	7.33E-07	0.733	1.700
6003474129785	600347	4129785	7.58E-07	0.758	1.700
6003574129785	600357	4129785	7.87E-07	0.787	1.700
6003674129785	600367	4129785	8.21E-07	0.821	1.700
6003774129785	600377	4129785	8.61E-07	0.861	1.700
6003874129785	600387	4129785	9.08E-07	0.908	1.700
6003974129785	600397	4129785	9.62E-07	0.962	1.700
6004074129785	600407	4129785	1.03E-06	1.028	1.700
6004174129785	600417	4129785	1.11E-06	1.105	1.700
6004274129785	600427	4129785	1.20E-06	1.199	1.700
6004374129785	600437	4129785	1.31E-06	1.308	1.700
6004474129785	600447	4129785	1.43E-06	1.432	1.700
6004574129785	600457	4129785	1.58E-06	1.575	1.700
6004674129785	600467	4129785	1.74E-06	1.739	1.700
6004774129785	600477	4129785	1.93E-06	1.926	1.700
6004874129785	600487	4129785	2.13E-06	2.133	1.700
6004974129785	600497	4129785	2.36E-06	2.362	1.700
6005074129785	600507	4129785	2.61E-06	2.608	1.700
6005174129785	600517	4129785	2.87E-06	2.868	1.700
6005274129785	600527	4129785	3.14E-06	3.140	1.700
6005374129785	600537	4129785	3.42E-06	3.418	1.700
6005474129785	600547	4129785	3.69E-06	3.695	1.700
6005574129785	600557	4129785	3.96E-06	3.963	1.700
6005674129785	600567	4129785	4.21E-06	4.213	1.700
6005774129785	600577	4129785	4.44E-06	4.441	1.700
6005874129785	600587	4129785	4.65E-06	4.649	1.700
6005974129785	600597	4129785	4.82E-06	4.822	1.700
6006074129785	600607	4129785	4.96E-06	4.960	1.700
6006174129785	600617	4129785	5.08E-06	5.082	1.700
6006274129785	600627	4129785	5.18E-06	5.178	1.700
6006374129785	600637	4129785	5.25E-06	5.252	1.700
6006474129785	600647	4129785	5.30E-06	5.300	1.700
6006574129785	600657	4129785	5.33E-06	5.329	1.700
6006674129785	600667	4129785	5.35E-06	5.348	1.700
6006774129785	600677	4129785	5.35E-06	5.354	1.700
6006874129785	600687	4129785	5.35E-06	5.348	1.700
6006974129785	600697	4129785	5.33E-06	5.330	1.700
6007074129785	600707	4129785	5.30E-06	5.304	1.700
6007174129785	600717	4129785	5.27E-06	5.269	1.700
6007274129785	600727	4129785	5.23E-06	5.225	1.700
6007374129785	600737	4129785	5.18E-06	5.175	1.700
6007474129785	600747	4129785	5.12E-06	5.118	1.700
6007574129785	600757	4129785	5.05E-06	5.054	1.700
6007674129785	600767	4129785	4.98E-06	4.984	1.700
6007774129785	600777	4129785	4.91E-06	4.910	1.700
6007874129785	600787	4129785	4.83E-06	4.832	1.700
6007974129785	600797	4129785	4.75E-06	4.750	1.700

6008074129785	600807	4129785	4.66E-06	4.664	1.700
6008174129785	600817	4129785	4.57E-06	4.575	1.700
6008274129785	600827	4129785	4.48E-06	4.484	1.700
6008374129785	600837	4129785	4.39E-06	4.390	1.700
6008474129785	600847	4129785	4.30E-06	4.296	1.700
6008574129785	600857	4129785	4.20E-06	4.199	1.700
6008674129785	600867	4129785	4.10E-06	4.103	1.700
6002174129795	600217	4129795	5.93E-07	0.593	1.700
6002274129795	600227	4129795	6.05E-07	0.605	1.700
6002374129795	600237	4129795	6.16E-07	0.616	1.700
6002474129795	600247	4129795	6.28E-07	0.628	1.700
6002574129795	600257	4129795	6.40E-07	0.640	1.700
6002674129795	600267	4129795	6.53E-07	0.653	1.700
6002774129795	600277	4129795	6.66E-07	0.666	1.700
6002874129795	600287	4129795	6.81E-07	0.681	1.700
6002974129795	600297	4129795	6.95E-07	0.695	1.700
6003074129795	600307	4129795	7.12E-07	0.712	1.700
6003174129795	600317	4129795	7.30E-07	0.730	1.700
6003274129795	600327	4129795	7.49E-07	0.749	1.700
6003374129795	600337	4129795	7.71E-07	0.771	1.700
6003474129795	600347	4129795	7.96E-07	0.796	1.700
6003574129795	600357	4129795	8.26E-07	0.826	1.700
6003674129795	600367	4129795	8.61E-07	0.861	1.700
6003774129795	600377	4129795	9.02E-07	0.902	1.700
6003874129795	600387	4129795	9.49E-07	0.949	1.700
6003974129795	600397	4129795	1.01E-06	1.007	1.700
6004074129795	600407	4129795	1.08E-06	1.076	1.700
6004174129795	600417	4129795	1.16E-06	1.159	1.700
6004274129795	600427	4129795	1.26E-06	1.259	1.700
6004374129795	600437	4129795	1.37E-06	1.374	1.700
6004474129795	600447	4129795	1.51E-06	1.509	1.700
6004574129795	600457	4129795	1.67E-06	1.666	1.700
6004674129795	600467	4129795	1.85E-06	1.846	1.700
6004774129795	600477	4129795	2.05E-06	2.051	1.700
6004874129795	600487	4129795	2.28E-06	2.283	1.700
6004974129795	600497	4129795	2.54E-06	2.541	1.700
6005074129795	600507	4129795	2.82E-06	2.820	1.700
6005174129795	600517	4129795	3.12E-06	3.118	1.700
6005274129795	600527	4129795	3.43E-06	3.427	1.700
6005374129795	600537	4129795	3.75E-06	3.746	1.700
6005474129795	600547	4129795	4.06E-06	4.062	1.700
6005574129795	600557	4129795	4.37E-06	4.367	1.700
6005674129795	600567	4129795	4.65E-06	4.649	1.700
6005774129795	600577	4129795	4.90E-06	4.901	1.700
6005874129795	600587	4129795	5.13E-06	5.128	1.700
6005974129795	600597	4129795	5.31E-06	5.314	1.700
6006074129795	600607	4129795	5.47E-06	5.472	1.700
6006174129795	600617	4129795	5.60E-06	5.601	1.700
6006274129795	600627	4129795	5.70E-06	5.698	1.700
6006374129795	600637	4129795	5.77E-06	5.769	1.700
6006474129795	600647	4129795	5.82E-06	5.815	1.700
6006574129795	600657	4129795	5.84E-06	5.839	1.700
6006674129795	600667	4129795	5.85E-06	5.848	1.700
6006774129795	600677	4129795	5.84E-06	5.845	1.700
6006874129795	600687	4129795	5.83E-06	5.828	1.700

6006974129795	600697	4129795	5.80E-06	5.799	1.700
6007074129795	600707	4129795	5.76E-06	5.758	1.700
6007174129795	600717	4129795	5.71E-06	5.708	1.700
6007274129795	600727	4129795	5.65E-06	5.650	1.700
6007374129795	600737	4129795	5.58E-06	5.581	1.700
6007474129795	600747	4129795	5.51E-06	5.506	1.700
6007574129795	600757	4129795	5.42E-06	5.423	1.700
6007674129795	600767	4129795	5.33E-06	5.334	1.700
6007774129795	600777	4129795	5.24E-06	5.240	1.700
6007874129795	600787	4129795	5.14E-06	5.141	1.700
6007974129795	600797	4129795	5.04E-06	5.039	1.700
6008074129795	600807	4129795	4.93E-06	4.935	1.700
6008174129795	600817	4129795	4.83E-06	4.828	1.700
6008274129795	600827	4129795	4.72E-06	4.719	1.700
6008374129795	600837	4129795	4.61E-06	4.607	1.700
6008474129795	600847	4129795	4.50E-06	4.497	1.700
6008574129795	600857	4129795	4.38E-06	4.385	1.700
6008674129795	600867	4129795	4.27E-06	4.273	1.700
6008774129795	600877	4129795	4.16E-06	4.163	1.700
6002074129805	600207	4129805	6.14E-07	0.614	1.700
6002174129805	600217	4129805	6.26E-07	0.626	1.700
6002274129805	600227	4129805	6.39E-07	0.639	1.700
6002374129805	600237	4129805	6.52E-07	0.652	1.700
6002474129805	600247	4129805	6.65E-07	0.665	1.700
6002574129805	600257	4129805	6.78E-07	0.678	1.700
6002674129805	600267	4129805	6.91E-07	0.691	1.700
6002774129805	600277	4129805	7.06E-07	0.706	1.700
6002874129805	600287	4129805	7.21E-07	0.721	1.700
6002974129805	600297	4129805	7.36E-07	0.736	1.700
6003074129805	600307	4129805	7.53E-07	0.753	1.700
6003174129805	600317	4129805	7.71E-07	0.771	1.700
6003274129805	600327	4129805	7.92E-07	0.792	1.700
6003374129805	600337	4129805	8.14E-07	0.814	1.700
6003474129805	600347	4129805	8.40E-07	0.840	1.700
6003574129805	600357	4129805	8.70E-07	0.870	1.700
6003674129805	600367	4129805	9.06E-07	0.906	1.700
6003774129805	600377	4129805	9.46E-07	0.946	1.700
6003874129805	600387	4129805	9.96E-07	0.996	1.700
6003974129805	600397	4129805	1.06E-06	1.056	1.700
6004074129805	600407	4129805	1.13E-06	1.129	1.700
6004174129805	600417	4129805	1.22E-06	1.218	1.700
6004274129805	600427	4129805	1.32E-06	1.322	1.700
6004374129805	600437	4129805	1.45E-06	1.447	1.700
6004474129805	600447	4129805	1.59E-06	1.594	1.700
6004574129805	600457	4129805	1.77E-06	1.766	1.700
6004674129805	600467	4129805	1.96E-06	1.963	1.700
6004774129805	600477	4129805	2.19E-06	2.189	1.700
6004874129805	600487	4129805	2.45E-06	2.449	1.700
6004974129805	600497	4129805	2.74E-06	2.741	1.700
6005074129805	600507	4129805	3.06E-06	3.060	1.700
6005174129805	600517	4129805	3.40E-06	3.401	1.700
6005274129805	600527	4129805	3.76E-06	3.760	1.700
6005374129805	600537	4129805	4.13E-06	4.129	1.700
6005474129805	600547	4129805	4.49E-06	4.491	1.700
6005574129805	600557	4129805	4.84E-06	4.837	1.700

6005674129805	600567	4129805	5.16E-06	5.158	1.700
6005774129805	600577	4129805	5.44E-06	5.442	1.700
6005874129805	600587	4129805	5.69E-06	5.690	1.700
6005974129805	600597	4129805	5.90E-06	5.899	1.700
6006074129805	600607	4129805	6.07E-06	6.069	1.700
6006174129805	600617	4129805	6.20E-06	6.201	1.700
6006274129805	600627	4129805	6.30E-06	6.303	1.700
6006374129805	600637	4129805	6.37E-06	6.369	1.700
6006474129805	600647	4129805	6.41E-06	6.409	1.700
6006574129805	600657	4129805	6.43E-06	6.426	1.700
6006674129805	600667	4129805	6.42E-06	6.424	1.700
6006774129805	600677	4129805	6.41E-06	6.406	1.700
6006874129805	600687	4129805	6.37E-06	6.373	1.700
6006974129805	600697	4129805	6.33E-06	6.326	1.700
6007074129805	600707	4129805	6.27E-06	6.266	1.700
6007174129805	600717	4129805	6.20E-06	6.196	1.700
6007274129805	600727	4129805	6.11E-06	6.114	1.700
6007374129805	600737	4129805	6.02E-06	6.024	1.700
6007474129805	600747	4129805	5.92E-06	5.925	1.700
6007574129805	600757	4129805	5.82E-06	5.819	1.700
6007674129805	600767	4129805	5.71E-06	5.706	1.700
6007774129805	600777	4129805	5.59E-06	5.589	1.700
6007874129805	600787	4129805	5.47E-06	5.465	1.700
6007974129805	600797	4129805	5.34E-06	5.338	1.700
6008074129805	600807	4129805	5.21E-06	5.212	1.700
6008174129805	600817	4129805	5.09E-06	5.085	1.700
6008274129805	600827	4129805	4.96E-06	4.956	1.700
6008374129805	600837	4129805	4.82E-06	4.825	1.700
6008474129805	600847	4129805	4.69E-06	4.694	1.700
6008574129805	600857	4129805	4.57E-06	4.566	1.700
6008674129805	600867	4129805	4.44E-06	4.438	1.700
6008774129805	600877	4129805	4.31E-06	4.312	1.700
6002074129815	600207	4129815	6.50E-07	0.650	1.700
6002174129815	600217	4129815	6.63E-07	0.663	1.700
6002274129815	600227	4129815	6.77E-07	0.677	1.700
6002374129815	600237	4129815	6.91E-07	0.691	1.700
6002474129815	600247	4129815	7.05E-07	0.705	1.700
6002574129815	600257	4129815	7.19E-07	0.719	1.700
6002674129815	600267	4129815	7.34E-07	0.734	1.700
6002774129815	600277	4129815	7.50E-07	0.750	1.700
6002874129815	600287	4129815	7.65E-07	0.765	1.700
6002974129815	600297	4129815	7.82E-07	0.782	1.700
6003074129815	600307	4129815	7.99E-07	0.799	1.700
6003174129815	600317	4129815	8.18E-07	0.818	1.700
6003274129815	600327	4129815	8.39E-07	0.839	1.700
6003374129815	600337	4129815	8.63E-07	0.863	1.700
6003474129815	600347	4129815	8.90E-07	0.890	1.700
6003574129815	600357	4129815	9.20E-07	0.920	1.700
6003674129815	600367	4129815	9.56E-07	0.956	1.700
6003774129815	600377	4129815	9.98E-07	0.998	1.700
6003874129815	600387	4129815	1.05E-06	1.048	1.700
6003974129815	600397	4129815	1.11E-06	1.112	1.700
6004074129815	600407	4129815	1.19E-06	1.189	1.700
6004174129815	600417	4129815	1.28E-06	1.282	1.700
6004274129815	600427	4129815	1.39E-06	1.393	1.700

6004374129815	600437	4129815	1.53E-06	1.527	1.700
6004474129815	600447	4129815	1.69E-06	1.686	1.700
6004574129815	600457	4129815	1.87E-06	1.874	1.700
6004674129815	600467	4129815	2.09E-06	2.091	1.700
6004774129815	600477	4129815	2.34E-06	2.345	1.700
6004874129815	600487	4129815	2.64E-06	2.635	1.700
6004974129815	600497	4129815	2.97E-06	2.966	1.700
6005074129815	600507	4129815	3.33E-06	3.333	1.700
6005174129815	600517	4129815	3.73E-06	3.729	1.700
6005274129815	600527	4129815	4.15E-06	4.145	1.700
6005374129815	600537	4129815	4.57E-06	4.572	1.700
6005474129815	600547	4129815	4.99E-06	4.993	1.700
6005574129815	600557	4129815	5.39E-06	5.394	1.700
6005674129815	600567	4129815	5.76E-06	5.763	1.700
6005774129815	600577	4129815	6.08E-06	6.085	1.700
6005874129815	600587	4129815	6.36E-06	6.361	1.700
6005974129815	600597	4129815	6.59E-06	6.593	1.700
6006074129815	600607	4129815	6.78E-06	6.776	1.700
6006174129815	600617	4129815	6.92E-06	6.916	1.700
6006274129815	600627	4129815	7.02E-06	7.015	1.700
6006374129815	600637	4129815	7.07E-06	7.071	1.700
6006474129815	600647	4129815	7.10E-06	7.100	1.700
6006574129815	600657	4129815	7.11E-06	7.107	1.700
6006674129815	600667	4129815	7.09E-06	7.088	1.700
6006774129815	600677	4129815	7.05E-06	7.047	1.700
6006874129815	600687	4129815	6.99E-06	6.991	1.700
6006974129815	600697	4129815	6.92E-06	6.919	1.700
6007074129815	600707	4129815	6.83E-06	6.833	1.700
6007174129815	600717	4129815	6.73E-06	6.733	1.700
6007274129815	600727	4129815	6.62E-06	6.623	1.700
6007374129815	600737	4129815	6.50E-06	6.502	1.700
6007474129815	600747	4129815	6.37E-06	6.374	1.700
6007574129815	600757	4129815	6.24E-06	6.237	1.700
6007674129815	600767	4129815	6.10E-06	6.097	1.700
6007774129815	600777	4129815	5.95E-06	5.950	1.700
6007874129815	600787	4129815	5.80E-06	5.801	1.700
6007974129815	600797	4129815	5.65E-06	5.646	1.700
6008074129815	600807	4129815	5.49E-06	5.493	1.700
6008174129815	600817	4129815	5.34E-06	5.341	1.700
6008274129815	600827	4129815	5.19E-06	5.189	1.700
6008374129815	600837	4129815	5.04E-06	5.038	1.700
6008474129815	600847	4129815	4.89E-06	4.886	1.700
6008574129815	600857	4129815	4.74E-06	4.739	1.700
6008674129815	600867	4129815	4.59E-06	4.594	1.700
6008774129815	600877	4129815	4.45E-06	4.452	1.700
6008874129815	600887	4129815	4.31E-06	4.314	1.700
6001974129825	600197	4129825	6.74E-07	0.674	1.700
6002074129825	600207	4129825	6.89E-07	0.689	1.700
6002174129825	600217	4129825	7.04E-07	0.704	1.700
6002274129825	600227	4129825	7.19E-07	0.719	1.700
6002374129825	600237	4129825	7.34E-07	0.734	1.700
6002474129825	600247	4129825	7.50E-07	0.750	1.700
6002574129825	600257	4129825	7.66E-07	0.766	1.700
6002674129825	600267	4129825	7.82E-07	0.782	1.700
6002774129825	600277	4129825	7.99E-07	0.799	1.700

6002874129825	600287	4129825	8.15E-07	0.815	1.700
6002974129825	600297	4129825	8.33E-07	0.833	1.700
6003074129825	600307	4129825	8.51E-07	0.851	1.700
6003174129825	600317	4129825	8.71E-07	0.871	1.700
6003274129825	600327	4129825	8.93E-07	0.893	1.700
6003374129825	600337	4129825	9.18E-07	0.918	1.700
6003474129825	600347	4129825	9.45E-07	0.945	1.700
6003574129825	600357	4129825	9.76E-07	0.976	1.700
6003674129825	600367	4129825	1.01E-06	1.013	1.700
6003774129825	600377	4129825	1.06E-06	1.056	1.700
6003874129825	600387	4129825	1.11E-06	1.109	1.700
6003974129825	600397	4129825	1.18E-06	1.176	1.700
6004074129825	600407	4129825	1.26E-06	1.255	1.700
6004174129825	600417	4129825	1.35E-06	1.352	1.700
6004274129825	600427	4129825	1.47E-06	1.470	1.700
6004374129825	600437	4129825	1.61E-06	1.614	1.700
6004474129825	600447	4129825	1.79E-06	1.787	1.700
6004574129825	600457	4129825	1.99E-06	1.992	1.700
6004674129825	600467	4129825	2.23E-06	2.233	1.700
6004774129825	600477	4129825	2.52E-06	2.518	1.700
6004874129825	600487	4129825	2.85E-06	2.846	1.700
6004974129825	600497	4129825	3.22E-06	3.222	1.700
6005074129825	600507	4129825	3.65E-06	3.647	1.700
6005174129825	600517	4129825	4.11E-06	4.107	1.700
6005274129825	600527	4129825	4.59E-06	4.594	1.700
6005374129825	600537	4129825	5.09E-06	5.092	1.700
6005474129825	600547	4129825	5.59E-06	5.587	1.700
6005574129825	600557	4129825	6.06E-06	6.061	1.700
6005674129825	600567	4129825	6.49E-06	6.486	1.700
6005774129825	600577	4129825	6.85E-06	6.855	1.700
6005874129825	600587	4129825	7.17E-06	7.167	1.700
6005974129825	600597	4129825	7.42E-06	7.423	1.700
6006074129825	600607	4129825	7.62E-06	7.624	1.700
6006174129825	600617	4129825	7.77E-06	7.766	1.700
6006274129825	600627	4129825	7.85E-06	7.854	1.700
6006374129825	600637	4129825	7.90E-06	7.901	1.700
6006474129825	600647	4129825	7.91E-06	7.913	1.700
6006574129825	600657	4129825	7.89E-06	7.895	1.700
6006674129825	600667	4129825	7.85E-06	7.850	1.700
6006774129825	600677	4129825	7.78E-06	7.780	1.700
6006874129825	600687	4129825	7.69E-06	7.690	1.700
6006974129825	600697	4129825	7.58E-06	7.583	1.700
6007074129825	600707	4129825	7.46E-06	7.459	1.700
6007174129825	600717	4129825	7.32E-06	7.322	1.700
6007274129825	600727	4129825	7.17E-06	7.173	1.700
6007374129825	600737	4129825	7.01E-06	7.014	1.700
6007474129825	600747	4129825	6.85E-06	6.848	1.700
6007574129825	600757	4129825	6.68E-06	6.677	1.700
6007674129825	600767	4129825	6.50E-06	6.500	1.700
6007774129825	600777	4129825	6.32E-06	6.320	1.700
6007874129825	600787	4129825	6.14E-06	6.138	1.700
6007974129825	600797	4129825	5.96E-06	5.956	1.700
6008074129825	600807	4129825	5.77E-06	5.772	1.700
6008174129825	600817	4129825	5.59E-06	5.592	1.700
6008274129825	600827	4129825	5.41E-06	5.414	1.700



6008374129825	600837	4129825	5.24E-06	5.240	1.700
6008474129825	600847	4129825	5.07E-06	5.069	1.700
6008574129825	600857	4129825	4.90E-06	4.901	1.700
6008674129825	600867	4129825	4.74E-06	4.739	1.700
6008774129825	600877	4129825	4.58E-06	4.580	1.700
6008874129825	600887	4129825	4.43E-06	4.427	1.700
6001974129835	600197	4129835	7.15E-07	0.715	1.700
6002074129835	600207	4129835	7.32E-07	0.732	1.700
6002174129835	600217	4129835	7.48E-07	0.748	1.700
6002274129835	600227	4129835	7.65E-07	0.765	1.700
6002374129835	600237	4129835	7.82E-07	0.782	1.700
6002474129835	600247	4129835	7.99E-07	0.799	1.700
6002574129835	600257	4129835	8.17E-07	0.817	1.700
6002674129835	600267	4129835	8.35E-07	0.835	1.700
6002774129835	600277	4129835	8.53E-07	0.853	1.700
6002874129835	600287	4129835	8.71E-07	0.871	1.700
6002974129835	600297	4129835	8.90E-07	0.890	1.700
6003074129835	600307	4129835	9.10E-07	0.910	1.700
6003174129835	600317	4129835	9.31E-07	0.931	1.700
6003274129835	600327	4129835	9.55E-07	0.955	1.700
6003374129835	600337	4129835	9.80E-07	0.980	1.700
6003474129835	600347	4129835	1.01E-06	1.008	1.700
6003574129835	600357	4129835	1.04E-06	1.040	1.700
6003674129835	600367	4129835	1.08E-06	1.078	1.700
6003774129835	600377	4129835	1.12E-06	1.123	1.700
6003874129835	600387	4129835	1.18E-06	1.179	1.700
6003974129835	600397	4129835	1.25E-06	1.248	1.700
6004074129835	600407	4129835	1.33E-06	1.330	1.700
6004174129835	600417	4129835	1.43E-06	1.431	1.700
6004274129835	600427	4129835	1.56E-06	1.557	1.700
6004374129835	600437	4129835	1.71E-06	1.712	1.700
6004474129835	600447	4129835	1.90E-06	1.899	1.700
6004574129835	600457	4129835	2.12E-06	2.124	1.700
6004674129835	600467	4129835	2.39E-06	2.393	1.700
6004774129835	600477	4129835	2.71E-06	2.714	1.700
6004874129835	600487	4129835	3.09E-06	3.085	1.700
6004974129835	600497	4129835	3.52E-06	3.516	1.700
6005074129835	600507	4129835	4.01E-06	4.008	1.700
6005174129835	600517	4129835	4.54E-06	4.544	1.700
6005274129835	600527	4129835	5.11E-06	5.110	1.700
6005374129835	600537	4129835	5.72E-06	5.716	1.700
6005474129835	600547	4129835	6.30E-06	6.305	1.700
6005574129835	600557	4129835	6.87E-06	6.870	1.700
6005674129835	600567	4129835	7.36E-06	7.363	1.700
6005774129835	600577	4129835	7.79E-06	7.789	1.700
6005874129835	600587	4129835	8.15E-06	8.145	1.700
6005974129835	600597	4129835	8.43E-06	8.429	1.700
6006074129835	600607	4129835	8.64E-06	8.638	1.700
6006174129835	600617	4129835	8.78E-06	8.777	1.700
6006274129835	600627	4129835	8.86E-06	8.856	1.700
6006374129835	600637	4129835	8.88E-06	8.882	1.700
6006474129835	600647	4129835	8.87E-06	8.865	1.700
6006574129835	600657	4129835	8.81E-06	8.812	1.700
6006674129835	600667	4129835	8.73E-06	8.727	1.700
6006774129835	600677	4129835	8.61E-06	8.613	1.700

6006874129835	600687	4129835	8.48E-06	8.477	1.700
6006974129835	600697	4129835	8.32E-06	8.320	1.700
6007074129835	600707	4129835	8.15E-06	8.146	1.700
6007174129835	600717	4129835	7.96E-06	7.958	1.700
6007274129835	600727	4129835	7.76E-06	7.761	1.700
6007374129835	600737	4129835	7.56E-06	7.555	1.700
6007474129835	600747	4129835	7.34E-06	7.344	1.700
6007574129835	600757	4129835	7.13E-06	7.129	1.700
6007674129835	600767	4129835	6.91E-06	6.911	1.700
6007774129835	600777	4129835	6.69E-06	6.691	1.700
6007874129835	600787	4129835	6.47E-06	6.473	1.700
6007974129835	600797	4129835	6.26E-06	6.257	1.700
6008074129835	600807	4129835	6.04E-06	6.044	1.700
6008174129835	600817	4129835	5.83E-06	5.833	1.700
6008274129835	600827	4129835	5.63E-06	5.628	1.700
6008374129835	600837	4129835	5.43E-06	5.430	1.700
6008474129835	600847	4129835	5.24E-06	5.236	1.700
6008574129835	600857	4129835	5.05E-06	5.050	1.700
6008674129835	600867	4129835	4.87E-06	4.868	1.700
6008774129835	600877	4129835	4.69E-06	4.694	1.700
6008874129835	600887	4129835	4.53E-06	4.526	1.700
6001874129845	600187	4129845	7.43E-07	0.743	1.700
6001974129845	600197	4129845	7.61E-07	0.761	1.700
6002074129845	600207	4129845	7.80E-07	0.780	1.700
6002174129845	600217	4129845	7.98E-07	0.798	1.700
6002274129845	600227	4129845	8.17E-07	0.817	1.700
6002374129845	600237	4129845	8.35E-07	0.835	1.700
6002474129845	600247	4129845	8.55E-07	0.855	1.700
6002574129845	600257	4129845	8.74E-07	0.874	1.700
6002674129845	600267	4129845	8.94E-07	0.894	1.700
6002774129845	600277	4129845	9.14E-07	0.914	1.700
6002874129845	600287	4129845	9.34E-07	0.934	1.700
6002974129845	600297	4129845	9.55E-07	0.955	1.700
6003074129845	600307	4129845	9.77E-07	0.977	1.700
6003174129845	600317	4129845	1.00E-06	1.000	1.700
6003274129845	600327	4129845	1.02E-06	1.024	1.700
6003374129845	600337	4129845	1.05E-06	1.052	1.700
6003474129845	600347	4129845	1.08E-06	1.081	1.700
6003574129845	600357	4129845	1.11E-06	1.114	1.700
6003674129845	600367	4129845	1.15E-06	1.154	1.700
6003774129845	600377	4129845	1.20E-06	1.202	1.700
6003874129845	600387	4129845	1.26E-06	1.260	1.700
6003974129845	600397	4129845	1.33E-06	1.329	1.700
6004074129845	600407	4129845	1.42E-06	1.415	1.700
6004174129845	600417	4129845	1.52E-06	1.523	1.700
6004274129845	600427	4129845	1.66E-06	1.656	1.700
6004374129845	600437	4129845	1.82E-06	1.822	1.700
6004474129845	600447	4129845	2.03E-06	2.025	1.700
6004574129845	600457	4129845	2.27E-06	2.273	1.700
6004674129845	600467	4129845	2.58E-06	2.575	1.700
6004774129845	600477	4129845	2.94E-06	2.937	1.700
6004874129845	600487	4129845	3.36E-06	3.362	1.700
6004974129845	600497	4129845	3.86E-06	3.858	1.700
6005074129845	600507	4129845	4.43E-06	4.428	1.700
6005174129845	600517	4129845	5.06E-06	5.059	1.700

6005274129845	600527	4129845	5.73E-06	5.733	1.700
6005374129845	600537	4129845	6.47E-06	6.470	1.700
6005474129845	600547	4129845	7.19E-06	7.186	1.700
6005574129845	600557	4129845	7.87E-06	7.867	1.700
6005674129845	600567	4129845	8.46E-06	8.458	1.700
6005774129845	600577	4129845	8.96E-06	8.959	1.700
6005874129845	600587	4129845	9.36E-06	9.361	1.700
6005974129845	600597	4129845	9.67E-06	9.665	1.700
6006074129845	600607	4129845	9.88E-06	9.879	1.700
6006174129845	600617	4129845	1.00E-05	10.006	1.700
6006274129845	600627	4129845	1.01E-05	10.060	1.700
6006374129845	600637	4129845	1.01E-05	10.050	1.700
6006474129845	600647	4129845	9.99E-06	9.986	1.700
6006574129845	600657	4129845	9.88E-06	9.877	1.700
6006674129845	600667	4129845	9.73E-06	9.731	1.700
6006774129845	600677	4129845	9.55E-06	9.554	1.700
6006874129845	600687	4129845	9.35E-06	9.353	1.700
6006974129845	600697	4129845	9.13E-06	9.131	1.700
6007074129845	600707	4129845	8.89E-06	8.891	1.700
6007174129845	600717	4129845	8.64E-06	8.640	1.700
6007274129845	600727	4129845	8.38E-06	8.381	1.700
6007374129845	600737	4129845	8.12E-06	8.120	1.700
6007474129845	600747	4129845	7.85E-06	7.853	1.700
6007574129845	600757	4129845	7.59E-06	7.586	1.700
6007674129845	600767	4129845	7.32E-06	7.319	1.700
6007774129845	600777	4129845	7.06E-06	7.056	1.700
6007874129845	600787	4129845	6.80E-06	6.797	1.700
6007974129845	600797	4129845	6.54E-06	6.545	1.700
6008074129845	600807	4129845	6.30E-06	6.298	1.700
6008174129845	600817	4129845	6.06E-06	6.059	1.700
6008274129845	600827	4129845	5.83E-06	5.825	1.700
6008374129845	600837	4129845	5.60E-06	5.601	1.700
6008474129845	600847	4129845	5.38E-06	5.384	1.700
6008574129845	600857	4129845	5.18E-06	5.178	1.700
6008674129845	600867	4129845	4.98E-06	4.980	1.700
6008774129845	600877	4129845	4.79E-06	4.790	1.700
6008874129845	600887	4129845	4.61E-06	4.607	1.700
6008974129845	600897	4129845	4.43E-06	4.433	1.700
6001874129855	600187	4129855	7.90E-07	0.790	1.700
6001974129855	600197	4129855	8.10E-07	0.810	1.700
6002074129855	600207	4129855	8.32E-07	0.832	1.700
6002174129855	600217	4129855	8.53E-07	0.853	1.700
6002274129855	600227	4129855	8.74E-07	0.874	1.700
6002374129855	600237	4129855	8.95E-07	0.895	1.700
6002474129855	600247	4129855	9.16E-07	0.916	1.700
6002574129855	600257	4129855	9.38E-07	0.938	1.700
6002674129855	600267	4129855	9.61E-07	0.961	1.700
6002774129855	600277	4129855	9.83E-07	0.983	1.700
6002874129855	600287	4129855	1.00E-06	1.005	1.700
6002974129855	600297	4129855	1.03E-06	1.028	1.700
6003074129855	600307	4129855	1.05E-06	1.052	1.700
6003174129855	600317	4129855	1.08E-06	1.078	1.700
6003274129855	600327	4129855	1.10E-06	1.105	1.700
6003374129855	600337	4129855	1.13E-06	1.133	1.700
6003474129855	600347	4129855	1.16E-06	1.165	1.700

6003574129855	600357	4129855	1.20E-06	1.201	1.700
6003674129855	600367	4129855	1.24E-06	1.243	1.700
6003774129855	600377	4129855	1.29E-06	1.294	1.700
6003874129855	600387	4129855	1.35E-06	1.354	1.700
6003974129855	600397	4129855	1.43E-06	1.426	1.700
6004074129855	600407	4129855	1.52E-06	1.515	1.700
6004174129855	600417	4129855	1.63E-06	1.628	1.700
6004274129855	600427	4129855	1.77E-06	1.770	1.700
6004374129855	600437	4129855	1.95E-06	1.948	1.700
6004474129855	600447	4129855	2.17E-06	2.169	1.700
6004574129855	600457	4129855	2.44E-06	2.444	1.700
6004674129855	600467	4129855	2.78E-06	2.783	1.700
6004774129855	600477	4129855	3.19E-06	3.193	1.700
6004874129855	600487	4129855	3.68E-06	3.682	1.700
6004974129855	600497	4129855	4.26E-06	4.258	1.700
6005074129855	600507	4129855	4.92E-06	4.924	1.700
6005174129855	600517	4129855	5.67E-06	5.671	1.700
6005274129855	600527	4129855	6.50E-06	6.496	1.700
6005374129855	600537	4129855	7.39E-06	7.390	1.700
6005474129855	600547	4129855	8.29E-06	8.291	1.700
6005574129855	600557	4129855	9.12E-06	9.123	1.700
6005674129855	600567	4129855	9.87E-06	9.866	1.700
6005774129855	600577	4129855	1.05E-05	10.463	1.700
6005874129855	600587	4129855	1.09E-05	10.905	1.700
6005974129855	600597	4129855	1.12E-05	11.214	1.700
6006074129855	600607	4129855	1.14E-05	11.418	1.700
6006174129855	600617	4129855	1.15E-05	11.516	1.700
6006274129855	600627	4129855	1.15E-05	11.517	1.700
6006374129855	600637	4129855	1.14E-05	11.441	1.700
6006474129855	600647	4129855	1.13E-05	11.298	1.700
6006574129855	600657	4129855	1.11E-05	11.104	1.700
6006674129855	600667	4129855	1.09E-05	10.871	1.700
6006774129855	600677	4129855	1.06E-05	10.606	1.700
6006874129855	600687	4129855	1.03E-05	10.316	1.700
6006974129855	600697	4129855	1.00E-05	10.006	1.700
6007074129855	600707	4129855	9.68E-06	9.685	1.700
6007174129855	600717	4129855	9.36E-06	9.355	1.700
6007274129855	600727	4129855	9.02E-06	9.025	1.700
6007374129855	600737	4129855	8.69E-06	8.694	1.700
6007474129855	600747	4129855	8.36E-06	8.362	1.700
6007574129855	600757	4129855	8.04E-06	8.036	1.700
6007674129855	600767	4129855	7.72E-06	7.716	1.700
6007774129855	600777	4129855	7.40E-06	7.405	1.700
6007874129855	600787	4129855	7.10E-06	7.103	1.700
6007974129855	600797	4129855	6.81E-06	6.811	1.700
6008074129855	600807	4129855	6.53E-06	6.530	1.700
6008174129855	600817	4129855	6.26E-06	6.261	1.700
6008274129855	600827	4129855	6.00E-06	6.001	1.700
6008374129855	600837	4129855	5.75E-06	5.751	1.700
6008474129855	600847	4129855	5.51E-06	5.511	1.700
6008574129855	600857	4129855	5.29E-06	5.286	1.700
6008674129855	600867	4129855	5.07E-06	5.070	1.700
6008774129855	600877	4129855	4.87E-06	4.866	1.700
6008874129855	600887	4129855	4.67E-06	4.669	1.700
6008974129855	600897	4129855	4.48E-06	4.484	1.700

6001774129865	600177	4129865	8.20E-07	0.820	1.700
6001874129865	600187	4129865	8.43E-07	0.843	1.700
6001974129865	600197	4129865	8.66E-07	0.866	1.700
6002074129865	600207	4129865	8.90E-07	0.890	1.700
6002174129865	600217	4129865	9.14E-07	0.914	1.700
6002274129865	600227	4129865	9.38E-07	0.938	1.700
6002374129865	600237	4129865	9.62E-07	0.962	1.700
6002474129865	600247	4129865	9.86E-07	0.986	1.700
6002574129865	600257	4129865	1.01E-06	1.011	1.700
6002674129865	600267	4129865	1.04E-06	1.036	1.700
6002774129865	600277	4129865	1.06E-06	1.061	1.700
6002874129865	600287	4129865	1.09E-06	1.086	1.700
6002974129865	600297	4129865	1.11E-06	1.112	1.700
6003074129865	600307	4129865	1.14E-06	1.139	1.700
6003174129865	600317	4129865	1.17E-06	1.167	1.700
6003274129865	600327	4129865	1.20E-06	1.197	1.700
6003374129865	600337	4129865	1.23E-06	1.228	1.700
6003474129865	600347	4129865	1.26E-06	1.262	1.700
6003574129865	600357	4129865	1.30E-06	1.303	1.700
6003674129865	600367	4129865	1.35E-06	1.349	1.700
6003774129865	600377	4129865	1.40E-06	1.402	1.700
6003874129865	600387	4129865	1.46E-06	1.464	1.700
6003974129865	600397	4129865	1.54E-06	1.540	1.700
6004074129865	600407	4129865	1.63E-06	1.634	1.700
6004174129865	600417	4129865	1.75E-06	1.752	1.700
6004274129865	600427	4129865	1.90E-06	1.902	1.700
6004374129865	600437	4129865	2.09E-06	2.095	1.700
6004474129865	600447	4129865	2.34E-06	2.335	1.700
6004574129865	600457	4129865	2.64E-06	2.641	1.700
6004674129865	600467	4129865	3.02E-06	3.022	1.700
6004774129865	600477	4129865	3.49E-06	3.490	1.700
6004874129865	600487	4129865	4.05E-06	4.055	1.700
6004974129865	600497	4129865	4.73E-06	4.726	1.700
6005074129865	600507	4129865	5.51E-06	5.510	1.700
6005174129865	600517	4129865	6.40E-06	6.399	1.700
6005274129865	600527	4129865	7.42E-06	7.420	1.700
6005374129865	600537	4129865	8.54E-06	8.540	1.700
6005474129865	600547	4129865	9.70E-06	9.705	1.700
6005574129865	600557	4129865	1.08E-05	10.793	1.700
6005674129865	600567	4129865	1.17E-05	11.736	1.700
6005774129865	600577	4129865	1.24E-05	12.423	1.700
6005874129865	600587	4129865	1.29E-05	12.917	1.700
6005974129865	600597	4129865	1.32E-05	13.217	1.700
6006074129865	600607	4129865	1.34E-05	13.364	1.700
6006174129865	600617	4129865	1.34E-05	13.384	1.700
6006274129865	600627	4129865	1.33E-05	13.283	1.700
6006374129865	600637	4129865	1.31E-05	13.089	1.700
6006474129865	600647	4129865	1.28E-05	12.824	1.700
6006574129865	600657	4129865	1.25E-05	12.505	1.700
6006674129865	600667	4129865	1.21E-05	12.147	1.700
6006774129865	600677	4129865	1.18E-05	11.762	1.700
6006874129865	600687	4129865	1.14E-05	11.356	1.700
6006974129865	600697	4129865	1.09E-05	10.937	1.700
6007074129865	600707	4129865	1.05E-05	10.514	1.700
6007174129865	600717	4129865	1.01E-05	10.090	1.700

6007274129865	600727	4129865	9.67E-06	9.672	1.700
6007374129865	600737	4129865	9.26E-06	9.259	1.700
6007474129865	600747	4129865	8.86E-06	8.856	1.700
6007574129865	600757	4129865	8.47E-06	8.466	1.700
6007674129865	600767	4129865	8.09E-06	8.089	1.700
6007774129865	600777	4129865	7.73E-06	7.727	1.700
6007874129865	600787	4129865	7.38E-06	7.379	1.700
6007974129865	600797	4129865	7.05E-06	7.048	1.700
6008074129865	600807	4129865	6.73E-06	6.732	1.700
6008174129865	600817	4129865	6.43E-06	6.432	1.700
6008274129865	600827	4129865	6.15E-06	6.147	1.700
6008374129865	600837	4129865	5.88E-06	5.876	1.700
6008474129865	600847	4129865	5.62E-06	5.615	1.700
6008574129865	600857	4129865	5.37E-06	5.368	1.700
6008674129865	600867	4129865	5.14E-06	5.137	1.700
6008774129865	600877	4129865	4.92E-06	4.917	1.700
6008874129865	600887	4129865	4.71E-06	4.711	1.700
6008974129865	600897	4129865	4.51E-06	4.515	1.700
6001774129875	600177	4129875	8.76E-07	0.876	1.700
6001874129875	600187	4129875	9.01E-07	0.901	1.700
6001974129875	600197	4129875	9.28E-07	0.928	1.700
6002074129875	600207	4129875	9.55E-07	0.955	1.700
6002174129875	600217	4129875	9.82E-07	0.982	1.700
6002274129875	600227	4129875	1.01E-06	1.010	1.700
6002374129875	600237	4129875	1.04E-06	1.037	1.700
6002474129875	600247	4129875	1.07E-06	1.065	1.700
6002574129875	600257	4129875	1.09E-06	1.093	1.700
6002674129875	600267	4129875	1.12E-06	1.121	1.700
6002774129875	600277	4129875	1.15E-06	1.149	1.700
6002874129875	600287	4129875	1.18E-06	1.178	1.700
6002974129875	600297	4129875	1.21E-06	1.207	1.700
6003074129875	600307	4129875	1.24E-06	1.238	1.700
6003174129875	600317	4129875	1.27E-06	1.270	1.700
6003274129875	600327	4129875	1.30E-06	1.303	1.700
6003374129875	600337	4129875	1.34E-06	1.338	1.700
6003474129875	600347	4129875	1.38E-06	1.377	1.700
6003574129875	600357	4129875	1.42E-06	1.422	1.700
6003674129875	600367	4129875	1.47E-06	1.472	1.700
6003774129875	600377	4129875	1.53E-06	1.530	1.700
6003874129875	600387	4129875	1.60E-06	1.598	1.700
6003974129875	600397	4129875	1.68E-06	1.677	1.700
6004074129875	600407	4129875	1.78E-06	1.776	1.700
6004174129875	600417	4129875	1.90E-06	1.902	1.700
6004274129875	600427	4129875	2.06E-06	2.061	1.700
6004374129875	600437	4129875	2.27E-06	2.267	1.700
6004474129875	600447	4129875	2.53E-06	2.533	1.700
6004574129875	600457	4129875	2.87E-06	2.873	1.700
6004674129875	600467	4129875	3.30E-06	3.303	1.700
6004774129875	600477	4129875	3.84E-06	3.840	1.700
6004874129875	600487	4129875	4.50E-06	4.497	1.700
6004974129875	600497	4129875	5.28E-06	5.283	1.700
6005074129875	600507	4129875	6.21E-06	6.213	1.700
6005174129875	600517	4129875	7.29E-06	7.289	1.700
6005274129875	600527	4129875	8.56E-06	8.559	1.700
6005374129875	600537	4129875	1.00E-05	10.015	1.700

6005474129875	600547	4129875	1.16E-05	11.605	1.700
6005574129875	600557	4129875	1.31E-05	13.107	1.700
6005674129875	600567	4129875	1.43E-05	14.260	1.700
6005774129875	600577	4129875	1.50E-05	15.049	1.700
6005874129875	600587	4129875	1.56E-05	15.561	1.700
6005974129875	600597	4129875	1.58E-05	15.813	1.700
6006074129875	600607	4129875	1.58E-05	15.838	1.700
6006174129875	600617	4129875	1.57E-05	15.688	1.700
6006274129875	600627	4129875	1.54E-05	15.402	1.700
6006374129875	600637	4129875	1.50E-05	15.022	1.700
6006474129875	600647	4129875	1.46E-05	14.572	1.700
6006574129875	600657	4129875	1.41E-05	14.076	1.700
6006674129875	600667	4129875	1.36E-05	13.550	1.700
6006774129875	600677	4129875	1.30E-05	13.005	1.700
6006874129875	600687	4129875	1.25E-05	12.453	1.700
6006974129875	600697	4129875	1.19E-05	11.902	1.700
6007074129875	600707	4129875	1.14E-05	11.354	1.700
6007174129875	600717	4129875	1.08E-05	10.819	1.700
6007274129875	600727	4129875	1.03E-05	10.300	1.700
6007374129875	600737	4129875	9.80E-06	9.800	1.700
6007474129875	600747	4129875	9.32E-06	9.320	1.700
6007574129875	600757	4129875	8.86E-06	8.861	1.700
6007674129875	600767	4129875	8.42E-06	8.423	1.700
6007774129875	600777	4129875	8.01E-06	8.010	1.700
6007874129875	600787	4129875	7.62E-06	7.618	1.700
6007974129875	600797	4129875	7.25E-06	7.247	1.700
6008074129875	600807	4129875	6.90E-06	6.898	1.700
6008174129875	600817	4129875	6.57E-06	6.568	1.700
6008274129875	600827	4129875	6.26E-06	6.258	1.700
6008374129875	600837	4129875	5.97E-06	5.966	1.700
6008474129875	600847	4129875	5.69E-06	5.690	1.700
6008574129875	600857	4129875	5.43E-06	5.426	1.700
6008674129875	600867	4129875	5.18E-06	5.177	1.700
6008774129875	600877	4129875	4.95E-06	4.947	1.700
6008874129875	600887	4129875	4.73E-06	4.730	1.700
6008974129875	600897	4129875	4.53E-06	4.525	1.700
6009074129875	600907	4129875	4.34E-06	4.336	1.700
6001774129885	600177	4129885	9.38E-07	0.938	1.700
6001874129885	600187	4129885	9.67E-07	0.967	1.700
6001974129885	600197	4129885	9.97E-07	0.997	1.700
6002074129885	600207	4129885	1.03E-06	1.028	1.700
6002174129885	600217	4129885	1.06E-06	1.058	1.700
6002274129885	600227	4129885	1.09E-06	1.090	1.700
6002374129885	600237	4129885	1.12E-06	1.122	1.700
6002474129885	600247	4129885	1.15E-06	1.154	1.700
6002574129885	600257	4129885	1.19E-06	1.186	1.700
6002674129885	600267	4129885	1.22E-06	1.218	1.700
6002774129885	600277	4129885	1.25E-06	1.250	1.700
6002874129885	600287	4129885	1.28E-06	1.283	1.700
6002974129885	600297	4129885	1.32E-06	1.317	1.700
6003074129885	600307	4129885	1.35E-06	1.352	1.700
6003174129885	600317	4129885	1.39E-06	1.388	1.700
6003274129885	600327	4129885	1.43E-06	1.426	1.700
6003374129885	600337	4129885	1.47E-06	1.468	1.700
6003474129885	600347	4129885	1.51E-06	1.513	1.700

6003574129885	600357	4129885	1.56E-06	1.564	1.700
6003674129885	600367	4129885	1.62E-06	1.619	1.700
6003774129885	600377	4129885	1.68E-06	1.683	1.700
6003874129885	600387	4129885	1.76E-06	1.756	1.700
6003974129885	600397	4129885	1.84E-06	1.842	1.700
6004074129885	600407	4129885	1.95E-06	1.948	1.700
6004174129885	600417	4129885	2.08E-06	2.082	1.700
6004274129885	600427	4129885	2.25E-06	2.254	1.700
6004374129885	600437	4129885	2.48E-06	2.478	1.700
6004474129885	600447	4129885	2.77E-06	2.771	1.700
6004574129885	600457	4129885	3.15E-06	3.154	1.700
6004674129885	600467	4129885	3.65E-06	3.645	1.700
6004774129885	600477	4129885	4.27E-06	4.266	1.700
6004874129885	600487	4129885	5.04E-06	5.037	1.700
6004974129885	600497	4129885	5.97E-06	5.970	1.700
6005074129885	600507	4129885	7.08E-06	7.077	1.700
6005174129885	600517	4129885	8.39E-06	8.387	1.700
6005274129885	600527	4129885	9.98E-06	9.983	1.700
6005374129885	600537	4129885	1.19E-05	11.943	1.700
6005474129885	600547	4129885	1.43E-05	14.329	1.700
6005574129885	600557	4129885	1.64E-05	16.418	1.700
6005674129885	600567	4129885	1.78E-05	17.841	1.700
6005774129885	600577	4129885	1.87E-05	18.711	1.700
6005874129885	600587	4129885	1.91E-05	19.114	1.700
6005974129885	600597	4129885	1.92E-05	19.160	1.700
6006074129885	600607	4129885	1.89E-05	18.928	1.700
6006174129885	600617	4129885	1.85E-05	18.485	1.700
6006274129885	600627	4129885	1.79E-05	17.903	1.700
6006374129885	600637	4129885	1.72E-05	17.243	1.700
6006474129885	600647	4129885	1.65E-05	16.533	1.700
6006574129885	600657	4129885	1.58E-05	15.796	1.700
6006674129885	600667	4129885	1.51E-05	15.051	1.700
6006774129885	600677	4129885	1.43E-05	14.309	1.700
6006874129885	600687	4129885	1.36E-05	13.580	1.700
6006974129885	600697	4129885	1.29E-05	12.866	1.700
6007074129885	600707	4129885	1.22E-05	12.176	1.700
6007174129885	600717	4129885	1.15E-05	11.515	1.700
6007274129885	600727	4129885	1.09E-05	10.888	1.700
6007374129885	600737	4129885	1.03E-05	10.295	1.700
6007474129885	600747	4129885	9.73E-06	9.734	1.700
6007574129885	600757	4129885	9.20E-06	9.204	1.700
6007674129885	600767	4129885	8.71E-06	8.708	1.700
6007774129885	600777	4129885	8.24E-06	8.243	1.700
6007874129885	600787	4129885	7.81E-06	7.809	1.700
6007974129885	600797	4129885	7.40E-06	7.401	1.700
6008074129885	600807	4129885	7.02E-06	7.021	1.700
6008174129885	600817	4129885	6.66E-06	6.665	1.700
6008274129885	600827	4129885	6.33E-06	6.332	1.700
6008374129885	600837	4129885	6.02E-06	6.021	1.700
6008474129885	600847	4129885	5.73E-06	5.729	1.700
6008574129885	600857	4129885	5.45E-06	5.455	1.700
6008674129885	600867	4129885	5.19E-06	5.192	1.700
6008774129885	600877	4129885	4.95E-06	4.951	1.700
6008874129885	600887	4129885	4.73E-06	4.727	1.700
6008974129885	600897	4129885	4.52E-06	4.518	1.700



6009074129885	600907	4129885	4.32E-06	4.320	1.700
6001774129895	600177	4129895	1.01E-06	1.006	1.700
6001874129895	600187	4129895	1.04E-06	1.041	1.700
6001974129895	600197	4129895	1.08E-06	1.075	1.700
6002074129895	600207	4129895	1.11E-06	1.110	1.700
6002174129895	600217	4129895	1.15E-06	1.145	1.700
6002274129895	600227	4129895	1.18E-06	1.182	1.700
6002374129895	600237	4129895	1.22E-06	1.219	1.700
6002474129895	600247	4129895	1.26E-06	1.255	1.700
6002574129895	600257	4129895	1.29E-06	1.292	1.700
6002674129895	600267	4129895	1.33E-06	1.328	1.700
6002774129895	600277	4129895	1.37E-06	1.366	1.700
6002874129895	600287	4129895	1.40E-06	1.404	1.700
6002974129895	600297	4129895	1.44E-06	1.444	1.700
6003074129895	600307	4129895	1.48E-06	1.484	1.700
6003174129895	600317	4129895	1.53E-06	1.525	1.700
6003274129895	600327	4129895	1.57E-06	1.571	1.700
6003374129895	600337	4129895	1.62E-06	1.620	1.700
6003474129895	600347	4129895	1.67E-06	1.674	1.700
6003574129895	600357	4129895	1.73E-06	1.731	1.700
6003674129895	600367	4129895	1.79E-06	1.794	1.700
6003774129895	600377	4129895	1.87E-06	1.865	1.700
6003874129895	600387	4129895	1.95E-06	1.947	1.700
6003974129895	600397	4129895	2.04E-06	2.043	1.700
6004074129895	600407	4129895	2.16E-06	2.158	1.700
6004174129895	600417	4129895	2.30E-06	2.303	1.700
6004274129895	600427	4129895	2.49E-06	2.489	1.700
6004374129895	600437	4129895	2.74E-06	2.735	1.700
6004474129895	600447	4129895	3.06E-06	3.063	1.700
6004574129895	600457	4129895	3.50E-06	3.499	1.700
6004674129895	600467	4129895	4.07E-06	4.069	1.700
6004774129895	600477	4129895	4.80E-06	4.803	1.700
6004874129895	600487	4129895	5.73E-06	5.726	1.700
6004974129895	600497	4129895	6.85E-06	6.852	1.700
6005074129895	600507	4129895	8.19E-06	8.192	1.700
6005174129895	600517	4129895	9.80E-06	9.805	1.700
6005274129895	600527	4129895	1.18E-05	11.805	1.700
6005374129895	600537	4129895	1.45E-05	14.534	1.700
6005474129895	600547	4129895	1.82E-05	18.238	1.700
6005574129895	600557	4129895	2.14E-05	21.443	1.700
6005674129895	600567	4129895	2.33E-05	23.269	1.700
6005774129895	600577	4129895	2.39E-05	23.939	1.700
6005874129895	600587	4129895	2.39E-05	23.897	1.700
6005974129895	600597	4129895	2.34E-05	23.427	1.700
6006074129895	600607	4129895	2.27E-05	22.704	1.700
6006174129895	600617	4129895	2.18E-05	21.797	1.700
6006274129895	600627	4129895	2.08E-05	20.786	1.700
6006374129895	600637	4129895	1.97E-05	19.733	1.700
6006474129895	600647	4129895	1.87E-05	18.674	1.700
6006574129895	600657	4129895	1.76E-05	17.627	1.700
6006674129895	600667	4129895	1.66E-05	16.608	1.700
6006774129895	600677	4129895	1.56E-05	15.628	1.700
6006874129895	600687	4129895	1.47E-05	14.687	1.700
6006974129895	600697	4129895	1.38E-05	13.791	1.700
6007074129895	600707	4129895	1.29E-05	12.944	1.700

6007174129895	600717	4129895	1.22E-05	12.151	1.700
6007274129895	600727	4129895	1.14E-05	11.410	1.700
6007374129895	600737	4129895	1.07E-05	10.722	1.700
6007474129895	600747	4129895	1.01E-05	10.080	1.700
6007574129895	600757	4129895	9.48E-06	9.483	1.700
6007674129895	600767	4129895	8.93E-06	8.931	1.700
6007774129895	600777	4129895	8.42E-06	8.419	1.700
6007874129895	600787	4129895	7.94E-06	7.945	1.700
6007974129895	600797	4129895	7.50E-06	7.504	1.700
6008074129895	600807	4129895	7.10E-06	7.096	1.700
6008174129895	600817	4129895	6.72E-06	6.717	1.700
6008274129895	600827	4129895	6.37E-06	6.366	1.700
6008374129895	600837	4129895	6.04E-06	6.038	1.700
6008474129895	600847	4129895	5.74E-06	5.736	1.700
6008574129895	600857	4129895	5.45E-06	5.452	1.700
6008674129895	600867	4129895	5.18E-06	5.183	1.700
6008774129895	600877	4129895	4.93E-06	4.933	1.700
6008874129895	600887	4129895	4.70E-06	4.703	1.700
6008974129895	600897	4129895	4.49E-06	4.489	1.700
6009074129895	600907	4129895	4.29E-06	4.288	1.700
6001674129905	600167	4129905	1.04E-06	1.043	1.700
6001774129905	600177	4129905	1.08E-06	1.082	1.700
6001874129905	600187	4129905	1.12E-06	1.121	1.700
6001974129905	600197	4129905	1.16E-06	1.162	1.700
6002074129905	600207	4129905	1.20E-06	1.203	1.700
6002174129905	600217	4129905	1.24E-06	1.245	1.700
6002274129905	600227	4129905	1.29E-06	1.287	1.700
6002374129905	600237	4129905	1.33E-06	1.329	1.700
6002474129905	600247	4129905	1.37E-06	1.371	1.700
6002574129905	600257	4129905	1.41E-06	1.413	1.700
6002674129905	600267	4129905	1.46E-06	1.455	1.700
6002774129905	600277	4129905	1.50E-06	1.498	1.700
6002874129905	600287	4129905	1.54E-06	1.543	1.700
6002974129905	600297	4129905	1.59E-06	1.588	1.700
6003074129905	600307	4129905	1.64E-06	1.635	1.700
6003174129905	600317	4129905	1.69E-06	1.686	1.700
6003274129905	600327	4129905	1.74E-06	1.740	1.700
6003374129905	600337	4129905	1.80E-06	1.800	1.700
6003474129905	600347	4129905	1.86E-06	1.862	1.700
6003574129905	600357	4129905	1.93E-06	1.930	1.700
6003674129905	600367	4129905	2.00E-06	2.004	1.700
6003774129905	600377	4129905	2.08E-06	2.085	1.700
6003874129905	600387	4129905	2.18E-06	2.177	1.700
6003974129905	600397	4129905	2.29E-06	2.285	1.700
6004074129905	600407	4129905	2.41E-06	2.414	1.700
6004174129905	600417	4129905	2.57E-06	2.574	1.700
6004274129905	600427	4129905	2.78E-06	2.780	1.700
6004374129905	600437	4129905	3.05E-06	3.053	1.700
6004474129905	600447	4129905	3.42E-06	3.424	1.700
6004574129905	600457	4129905	3.93E-06	3.930	1.700
6004674129905	600467	4129905	4.61E-06	4.607	1.700
6004774129905	600477	4129905	5.50E-06	5.497	1.700
6004874129905	600487	4129905	6.64E-06	6.644	1.700
6004974129905	600497	4129905	8.04E-06	8.041	1.700
6005074129905	600507	4129905	9.74E-06	9.738	1.700

6005174129905	600517	4129905	1.18E-05	11.817	1.700
6005274129905	600527	4129905	1.44E-05	14.393	1.700
6005374129905	600537	4129905	1.79E-05	17.937	1.700
6005474129905	600547	4129905	2.30E-05	22.998	1.700
6005574129905	600557	4129905	2.69E-05	26.887	1.700
6005674129905	600567	4129905	2.86E-05	28.560	1.700
6005774129905	600577	4129905	3.11E-05	31.087	1.700
6005874129905	600587	4129905	3.00E-05	30.026	1.700
6005974129905	600597	4129905	2.87E-05	28.680	1.700
6006074129905	600607	4129905	2.72E-05	27.175	1.700
6006174129905	600617	4129905	2.56E-05	25.593	1.700
6006274129905	600627	4129905	2.40E-05	24.003	1.700
6006374129905	600637	4129905	2.24E-05	22.438	1.700
6006474129905	600647	4129905	2.09E-05	20.934	1.700
6006574129905	600657	4129905	1.95E-05	19.503	1.700
6006674129905	600667	4129905	1.82E-05	18.156	1.700
6006774129905	600677	4129905	1.69E-05	16.898	1.700
6006874129905	600687	4129905	1.57E-05	15.716	1.700
6006974129905	600697	4129905	1.46E-05	14.629	1.700
6007074129905	600707	4129905	1.36E-05	13.617	1.700
6007174129905	600717	4129905	1.27E-05	12.691	1.700
6007274129905	600727	4129905	1.18E-05	11.837	1.700
6007374129905	600737	4129905	1.11E-05	11.052	1.700
6007474129905	600747	4129905	1.03E-05	10.341	1.700
6007574129905	600757	4129905	9.68E-06	9.684	1.700
6007674129905	600767	4129905	9.08E-06	9.083	1.700
6007774129905	600777	4129905	8.53E-06	8.529	1.700
6007874129905	600787	4129905	8.02E-06	8.020	1.700
6007974129905	600797	4129905	7.55E-06	7.552	1.700
6008074129905	600807	4129905	7.12E-06	7.121	1.700
6008174129905	600817	4129905	6.72E-06	6.724	1.700
6008274129905	600827	4129905	6.36E-06	6.357	1.700
6008374129905	600837	4129905	6.02E-06	6.021	1.700
6008474129905	600847	4129905	5.71E-06	5.710	1.700
6008574129905	600857	4129905	5.42E-06	5.417	1.700
6008674129905	600867	4129905	5.14E-06	5.143	1.700
6008774129905	600877	4129905	4.89E-06	4.888	1.700
6008874129905	600887	4129905	4.66E-06	4.655	1.700
6008974129905	600897	4129905	4.44E-06	4.439	1.700
6009074129905	600907	4129905	4.24E-06	4.236	1.700
6001674129915	600167	4129915	1.12E-06	1.121	1.700
6001774129915	600177	4129915	1.17E-06	1.166	1.700
6001874129915	600187	4129915	1.21E-06	1.212	1.700
6001974129915	600197	4129915	1.26E-06	1.259	1.700
6002074129915	600207	4129915	1.31E-06	1.308	1.700
6002174129915	600217	4129915	1.36E-06	1.357	1.700
6002274129915	600227	4129915	1.41E-06	1.406	1.700
6002374129915	600237	4129915	1.46E-06	1.455	1.700
6002474129915	600247	4129915	1.50E-06	1.504	1.700
6002574129915	600257	4129915	1.55E-06	1.552	1.700
6002674129915	600267	4129915	1.60E-06	1.601	1.700
6002774129915	600277	4129915	1.65E-06	1.652	1.700
6002874129915	600287	4129915	1.70E-06	1.703	1.700
6002974129915	600297	4129915	1.76E-06	1.756	1.700
6003074129915	600307	4129915	1.81E-06	1.813	1.700

6003174129915	600317	4129915	1.87E-06	1.874	1.700
6003274129915	600327	4129915	1.94E-06	1.940	1.700
6003374129915	600337	4129915	2.01E-06	2.010	1.700
6003474129915	600347	4129915	2.08E-06	2.084	1.700
6003574129915	600357	4129915	2.16E-06	2.165	1.700
6003674129915	600367	4129915	2.25E-06	2.253	1.700
6003774129915	600377	4129915	2.35E-06	2.349	1.700
6003874129915	600387	4129915	2.46E-06	2.456	1.700
6003974129915	600397	4129915	2.58E-06	2.580	1.700
6004074129915	600407	4129915	2.73E-06	2.727	1.700
6004174129915	600417	4129915	2.91E-06	2.909	1.700
6004274129915	600427	4129915	3.14E-06	3.140	1.700
6004374129915	600437	4129915	3.45E-06	3.449	1.700
6004474129915	600447	4129915	3.87E-06	3.874	1.700
6004574129915	600457	4129915	4.47E-06	4.469	1.700
6004674129915	600467	4129915	5.29E-06	5.286	1.700
6004774129915	600477	4129915	6.40E-06	6.400	1.700
6004874129915	600487	4129915	7.87E-06	7.866	1.700
6004974129915	600497	4129915	9.69E-06	9.694	1.700
6005074129915	600507	4129915	1.20E-05	11.977	1.700
6005174129915	600517	4129915	1.48E-05	14.836	1.700
6005274129915	600527	4129915	1.86E-05	18.551	1.700
6005674129915	600567	4129915	3.42E-05	34.219	1.700
6005774129915	600577	4129915	3.79E-05	37.877	1.700
6005874129915	600587	4129915	3.74E-05	37.366	1.700
6005974129915	600597	4129915	3.48E-05	34.840	1.700
6006074129915	600607	4129915	3.23E-05	32.303	1.700
6006174129915	600617	4129915	2.98E-05	29.818	1.700
6006274129915	600627	4129915	2.75E-05	27.462	1.700
6006374129915	600637	4129915	2.53E-05	25.272	1.700
6006474129915	600647	4129915	2.32E-05	23.230	1.700
6006574129915	600657	4129915	2.13E-05	21.339	1.700
6006674129915	600667	4129915	1.96E-05	19.616	1.700
6006774129915	600677	4129915	1.80E-05	18.045	1.700
6006874129915	600687	4129915	1.66E-05	16.617	1.700
6006974129915	600697	4129915	1.53E-05	15.326	1.700
6007074129915	600707	4129915	1.42E-05	14.161	1.700
6007174129915	600717	4129915	1.31E-05	13.101	1.700
6007274129915	600727	4129915	1.21E-05	12.147	1.700
6007374129915	600737	4129915	1.13E-05	11.278	1.700
6007474129915	600747	4129915	1.05E-05	10.498	1.700
6007574129915	600757	4129915	9.79E-06	9.794	1.700
6007674129915	600767	4129915	9.16E-06	9.156	1.700
6007774129915	600777	4129915	8.57E-06	8.566	1.700
6007874129915	600787	4129915	8.03E-06	8.031	1.700
6007974129915	600797	4129915	7.54E-06	7.542	1.700
6008074129915	600807	4129915	7.09E-06	7.094	1.700
6008174129915	600817	4129915	6.69E-06	6.685	1.700
6008274129915	600827	4129915	6.31E-06	6.311	1.700
6008374129915	600837	4129915	5.97E-06	5.969	1.700
6008474129915	600847	4129915	5.65E-06	5.648	1.700
6008574129915	600857	4129915	5.35E-06	5.349	1.700
6008674129915	600867	4129915	5.07E-06	5.074	1.700
6008774129915	600877	4129915	4.82E-06	4.823	1.700
6008874129915	600887	4129915	4.59E-06	4.588	1.700

6008974129915	600897	4129915	4.37E-06	4.371	1.700
6009074129915	600907	4129915	4.17E-06	4.167	1.700
6009174129915	600917	4129915	3.98E-06	3.978	1.700
6001674129925	600167	4129925	1.21E-06	1.208	1.700
6001774129925	600177	4129925	1.26E-06	1.260	1.700
6001874129925	600187	4129925	1.31E-06	1.314	1.700
6001974129925	600197	4129925	1.37E-06	1.370	1.700
6002074129925	600207	4129925	1.43E-06	1.426	1.700
6002174129925	600217	4129925	1.48E-06	1.484	1.700
6002274129925	600227	4129925	1.54E-06	1.543	1.700
6002374129925	600237	4129925	1.60E-06	1.601	1.700
6002474129925	600247	4129925	1.66E-06	1.657	1.700
6002574129925	600257	4129925	1.71E-06	1.713	1.700
6002674129925	600267	4129925	1.77E-06	1.771	1.700
6002774129925	600277	4129925	1.83E-06	1.829	1.700
6002874129925	600287	4129925	1.89E-06	1.889	1.700
6002974129925	600297	4129925	1.95E-06	1.953	1.700
6003074129925	600307	4129925	2.02E-06	2.022	1.700
6003174129925	600317	4129925	2.10E-06	2.096	1.700
6003274129925	600327	4129925	2.17E-06	2.175	1.700
6003374129925	600337	4129925	2.26E-06	2.258	1.700
6003474129925	600347	4129925	2.35E-06	2.348	1.700
6003574129925	600357	4129925	2.44E-06	2.443	1.700
6003674129925	600367	4129925	2.55E-06	2.548	1.700
6003774129925	600377	4129925	2.66E-06	2.664	1.700
6003874129925	600387	4129925	2.79E-06	2.792	1.700
6003974129925	600397	4129925	2.94E-06	2.937	1.700
6004074129925	600407	4129925	3.11E-06	3.110	1.700
6004174129925	600417	4129925	3.32E-06	3.321	1.700
6004274129925	600427	4129925	3.59E-06	3.587	1.700
6004374129925	600437	4129925	3.94E-06	3.941	1.700
6004474129925	600447	4129925	4.43E-06	4.431	1.700
6004574129925	600457	4129925	5.13E-06	5.135	1.700
6004674129925	600467	4129925	6.14E-06	6.140	1.700
6004774129925	600477	4129925	7.56E-06	7.563	1.700
6004874129925	600487	4129925	9.48E-06	9.484	1.700
6004974129925	600497	4129925	1.20E-05	11.967	1.700
6005074129925	600507	4129925	1.52E-05	15.166	1.700
6005174129925	600517	4129925	1.93E-05	19.321	1.700
6005774129925	600577	4129925	4.19E-05	41.873	1.700
6005874129925	600587	4129925	4.20E-05	41.999	1.700
6005974129925	600597	4129925	4.18E-05	41.819	1.700
6006074129925	600607	4129925	3.80E-05	38.012	1.700
6006174129925	600617	4129925	3.44E-05	34.396	1.700
6006274129925	600627	4129925	3.11E-05	31.072	1.700
6006374129925	600637	4129925	2.81E-05	28.070	1.700
6006474129925	600647	4129925	2.54E-05	25.403	1.700
6006574129925	600657	4129925	2.30E-05	23.007	1.700
6006674129925	600667	4129925	2.09E-05	20.859	1.700
6006774129925	600677	4129925	1.90E-05	18.972	1.700
6006874129925	600687	4129925	1.73E-05	17.305	1.700
6006974129925	600697	4129925	1.58E-05	15.824	1.700
6007074129925	600707	4129925	1.45E-05	14.513	1.700
6007174129925	600717	4129925	1.34E-05	13.350	1.700
6007274129925	600727	4129925	1.23E-05	12.317	1.700

6007374129925	600737	4129925	1.14E-05	11.387	1.700
6007474129925	600747	4129925	1.05E-05	10.549	1.700
6007574129925	600757	4129925	9.81E-06	9.807	1.700
6007674129925	600767	4129925	9.14E-06	9.141	1.700
6007774129925	600777	4129925	8.53E-06	8.530	1.700
6007874129925	600787	4129925	7.98E-06	7.977	1.700
6007974129925	600797	4129925	7.48E-06	7.475	1.700
6008074129925	600807	4129925	7.02E-06	7.018	1.700
6008174129925	600817	4129925	6.60E-06	6.603	1.700
6008274129925	600827	4129925	6.23E-06	6.227	1.700
6008374129925	600837	4129925	5.88E-06	5.878	1.700
6008474129925	600847	4129925	5.56E-06	5.555	1.700
6008574129925	600857	4129925	5.26E-06	5.258	1.700
6008674129925	600867	4129925	4.98E-06	4.985	1.700
6008774129925	600877	4129925	4.73E-06	4.735	1.700
6008874129925	600887	4129925	4.50E-06	4.503	1.700
6008974129925	600897	4129925	4.29E-06	4.287	1.700
6009074129925	600907	4129925	4.09E-06	4.087	1.700
6009174129925	600917	4129925	3.90E-06	3.900	1.700
6001674129935	600167	4129935	1.30E-06	1.305	1.700
6001774129935	600177	4129935	1.37E-06	1.366	1.700
6001874129935	600187	4129935	1.43E-06	1.430	1.700
6001974129935	600197	4129935	1.50E-06	1.495	1.700
6002074129935	600207	4129935	1.56E-06	1.562	1.700
6002174129935	600217	4129935	1.63E-06	1.631	1.700
6002274129935	600227	4129935	1.70E-06	1.700	1.700
6002374129935	600237	4129935	1.77E-06	1.769	1.700
6002474129935	600247	4129935	1.84E-06	1.836	1.700
6002574129935	600257	4129935	1.90E-06	1.901	1.700
6002674129935	600267	4129935	1.97E-06	1.967	1.700
6002774129935	600277	4129935	2.03E-06	2.035	1.700
6002874129935	600287	4129935	2.11E-06	2.106	1.700
6002974129935	600297	4129935	2.18E-06	2.185	1.700
6003074129935	600307	4129935	2.27E-06	2.268	1.700
6003174129935	600317	4129935	2.36E-06	2.357	1.700
6003274129935	600327	4129935	2.45E-06	2.451	1.700
6003374129935	600337	4129935	2.55E-06	2.551	1.700
6003474129935	600347	4129935	2.66E-06	2.658	1.700
6003574129935	600357	4129935	2.77E-06	2.772	1.700
6003674129935	600367	4129935	2.90E-06	2.897	1.700
6003774129935	600377	4129935	3.04E-06	3.038	1.700
6003874129935	600387	4129935	3.19E-06	3.192	1.700
6003974129935	600397	4129935	3.37E-06	3.369	1.700
6004074129935	600407	4129935	3.58E-06	3.576	1.700
6004174129935	600417	4129935	3.82E-06	3.825	1.700
6004274129935	600427	4129935	4.14E-06	4.137	1.700
6004374129935	600437	4129935	4.55E-06	4.548	1.700
6004474129935	600447	4129935	5.12E-06	5.117	1.700
6004574129935	600457	4129935	5.95E-06	5.948	1.700
6004674129935	600467	4129935	7.19E-06	7.190	1.700
6004774129935	600477	4129935	9.01E-06	9.014	1.700
6004874129935	600487	4129935	1.16E-05	11.572	1.700
6004974129935	600497	4129935	1.50E-05	14.994	1.700
6005074129935	600507	4129935	1.96E-05	19.574	1.700
6005174129935	600517	4129935	2.53E-05	25.308	1.700

6005874129935	600587	4129935	4.54E-05	45.414	1.700
6005974129935	600597	4129935	4.52E-05	45.150	1.700
6006074129935	600607	4129935	4.43E-05	44.255	1.700
6006174129935	600617	4129935	3.92E-05	39.207	1.700
6006274129935	600627	4129935	3.47E-05	34.664	1.700
6006374129935	600637	4129935	3.07E-05	30.685	1.700
6006474129935	600647	4129935	2.73E-05	27.250	1.700
6006574129935	600657	4129935	2.43E-05	24.314	1.700
6006674129935	600667	4129935	2.18E-05	21.763	1.700
6006774129935	600677	4129935	1.96E-05	19.591	1.700
6006874129935	600687	4129935	1.77E-05	17.717	1.700
6006974129935	600697	4129935	1.61E-05	16.084	1.700
6007074129935	600707	4129935	1.47E-05	14.663	1.700
6007174129935	600717	4129935	1.34E-05	13.418	1.700
6007274129935	600727	4129935	1.23E-05	12.329	1.700
6007374129935	600737	4129935	1.14E-05	11.353	1.700
6007474129935	600747	4129935	1.05E-05	10.489	1.700
6007574129935	600757	4129935	9.73E-06	9.726	1.700
6007674129935	600767	4129935	9.04E-06	9.042	1.700
6007774129935	600777	4129935	8.42E-06	8.419	1.700
6007874129935	600787	4129935	7.86E-06	7.863	1.700
6007974129935	600797	4129935	7.36E-06	7.356	1.700
6008074129935	600807	4129935	6.90E-06	6.897	1.700
6008174129935	600817	4129935	6.48E-06	6.484	1.700
6008274129935	600827	4129935	6.10E-06	6.105	1.700
6008374129935	600837	4129935	5.76E-06	5.756	1.700
6008474129935	600847	4129935	5.44E-06	5.439	1.700
6008574129935	600857	4129935	5.14E-06	5.145	1.700
6008674129935	600867	4129935	4.88E-06	4.877	1.700
6008774129935	600877	4129935	4.63E-06	4.631	1.700
6008874129935	600887	4129935	4.40E-06	4.402	1.700
6008974129935	600897	4129935	4.19E-06	4.191	1.700
6009074129935	600907	4129935	3.99E-06	3.994	1.700
6009174129935	600917	4129935	3.81E-06	3.810	1.700
6001674129945	600167	4129945	1.41E-06	1.413	1.700
6001774129945	600177	4129945	1.49E-06	1.486	1.700
6001874129945	600187	4129945	1.56E-06	1.561	1.700
6001974129945	600197	4129945	1.64E-06	1.640	1.700
6002074129945	600207	4129945	1.72E-06	1.721	1.700
6002174129945	600217	4129945	1.80E-06	1.804	1.700
6002274129945	600227	4129945	1.89E-06	1.886	1.700
6002374129945	600237	4129945	1.97E-06	1.967	1.700
6002474129945	600247	4129945	2.04E-06	2.045	1.700
6002574129945	600257	4129945	2.12E-06	2.121	1.700
6002674129945	600267	4129945	2.20E-06	2.197	1.700
6002774129945	600277	4129945	2.28E-06	2.278	1.700
6002874129945	600287	4129945	2.37E-06	2.366	1.700
6002974129945	600297	4129945	2.46E-06	2.460	1.700
6003074129945	600307	4129945	2.56E-06	2.559	1.700
6003174129945	600317	4129945	2.66E-06	2.664	1.700
6003274129945	600327	4129945	2.78E-06	2.775	1.700
6003374129945	600337	4129945	2.89E-06	2.894	1.700
6003474129945	600347	4129945	3.02E-06	3.022	1.700
6003574129945	600357	4129945	3.16E-06	3.158	1.700
6003674129945	600367	4129945	3.31E-06	3.308	1.700

6003774129945	600377	4129945	3.48E-06	3.478	1.700
6003874129945	600387	4129945	3.67E-06	3.667	1.700
6003974129945	600397	4129945	3.88E-06	3.885	1.700
6004074129945	600407	4129945	4.14E-06	4.138	1.700
6004174129945	600417	4129945	4.44E-06	4.440	1.700
6004274129945	600427	4129945	4.82E-06	4.816	1.700
6004374129945	600437	4129945	5.30E-06	5.300	1.700
6004474129945	600447	4129945	5.96E-06	5.962	1.700
6004574129945	600457	4129945	6.93E-06	6.931	1.700
6004674129945	600467	4129945	8.43E-06	8.432	1.700
6004774129945	600477	4129945	1.07E-05	10.749	1.700
6004874129945	600487	4129945	1.41E-05	14.128	1.700
6004974129945	600497	4129945	1.89E-05	18.932	1.700
6005074129945	600507	4129945	2.55E-05	25.450	1.700
6005974129945	600597	4129945	4.83E-05	48.306	1.700
6006074129945	600607	4129945	4.63E-05	46.310	1.700
6006174129945	600617	4129945	4.26E-05	42.596	1.700
6006274129945	600627	4129945	3.79E-05	37.938	1.700
6006374129945	600637	4129945	3.28E-05	32.787	1.700
6006474129945	600647	4129945	2.86E-05	28.589	1.700
6006574129945	600657	4129945	2.51E-05	25.102	1.700
6006674129945	600667	4129945	2.22E-05	22.222	1.700
6006774129945	600677	4129945	1.98E-05	19.835	1.700
6006874129945	600687	4129945	1.78E-05	17.806	1.700
6006974129945	600697	4129945	1.61E-05	16.100	1.700
6007074129945	600707	4129945	1.46E-05	14.598	1.700
6007174129945	600717	4129945	1.33E-05	13.306	1.700
6007274129945	600727	4129945	1.22E-05	12.179	1.700
6007374129945	600737	4129945	1.12E-05	11.187	1.700
6007474129945	600747	4129945	1.03E-05	10.317	1.700
6007574129945	600757	4129945	9.55E-06	9.548	1.700
6007674129945	600767	4129945	8.86E-06	8.859	1.700
6007774129945	600777	4129945	8.24E-06	8.238	1.700
6007874129945	600787	4129945	7.68E-06	7.685	1.700
6007974129945	600797	4129945	7.19E-06	7.187	1.700
6008074129945	600807	4129945	6.73E-06	6.734	1.700
6008174129945	600817	4129945	6.33E-06	6.326	1.700
6008274129945	600827	4129945	5.95E-06	5.952	1.700
6008374129945	600837	4129945	5.61E-06	5.613	1.700
6008474129945	600847	4129945	5.30E-06	5.300	1.700
6008574129945	600857	4129945	5.01E-06	5.014	1.700
6008674129945	600867	4129945	4.75E-06	4.755	1.700
6008774129945	600877	4129945	4.51E-06	4.511	1.700
6008874129945	600887	4129945	4.29E-06	4.287	1.700
6008974129945	600897	4129945	4.08E-06	4.082	1.700
6009074129945	600907	4129945	3.89E-06	3.891	1.700
6009174129945	600917	4129945	3.71E-06	3.712	1.700
6001674129955	600167	4129955	1.53E-06	1.535	1.700
6001774129955	600177	4129955	1.62E-06	1.621	1.700
6001874129955	600187	4129955	1.71E-06	1.712	1.700
6001974129955	600197	4129955	1.81E-06	1.808	1.700
6002074129955	600207	4129955	1.91E-06	1.907	1.700
6002174129955	600217	4129955	2.01E-06	2.009	1.700
6002274129955	600227	4129955	2.11E-06	2.108	1.700
6002374129955	600237	4129955	2.20E-06	2.204	1.700



6002474129955	600247	4129955	2.29E-06	2.295	1.700
6002574129955	600257	4129955	2.38E-06	2.383	1.700
6002674129955	600267	4129955	2.47E-06	2.474	1.700
6002774129955	600277	4129955	2.57E-06	2.572	1.700
6002874129955	600287	4129955	2.68E-06	2.677	1.700
6002974129955	600297	4129955	2.79E-06	2.789	1.700
6003074129955	600307	4129955	2.91E-06	2.905	1.700
6003174129955	600317	4129955	3.03E-06	3.027	1.700
6003274129955	600327	4129955	3.16E-06	3.156	1.700
6003374129955	600337	4129955	3.29E-06	3.294	1.700
6003474129955	600347	4129955	3.44E-06	3.443	1.700
6003574129955	600357	4129955	3.61E-06	3.607	1.700
6003674129955	600367	4129955	3.79E-06	3.788	1.700
6003774129955	600377	4129955	3.99E-06	3.995	1.700
6003874129955	600387	4129955	4.23E-06	4.233	1.700
6003974129955	600397	4129955	4.50E-06	4.503	1.700
6004074129955	600407	4129955	4.81E-06	4.815	1.700
6004174129955	600417	4129955	5.19E-06	5.188	1.700
6004274129955	600427	4129955	5.65E-06	5.647	1.700
6004374129955	600437	4129955	6.23E-06	6.229	1.700
6004474129955	600447	4129955	7.00E-06	7.004	1.700
6004574129955	600457	4129955	8.12E-06	8.116	1.700
6004674129955	600467	4129955	9.87E-06	9.865	1.700
6004774129955	600477	4129955	1.27E-05	12.706	1.700
6004874129955	600487	4129955	1.72E-05	17.155	1.700
6004974129955	600497	4129955	2.40E-05	24.023	1.700
6006074129955	600607	4129955	4.71E-05	47.072	1.700
6006174129955	600617	4129955	4.29E-05	42.914	1.700
6006274129955	600627	4129955	3.87E-05	38.685	1.700
6006374129955	600637	4129955	3.41E-05	34.090	1.700
6006474129955	600647	4129955	2.92E-05	29.158	1.700
6006574129955	600657	4129955	2.53E-05	25.300	1.700
6006674129955	600667	4129955	2.22E-05	22.201	1.700
6006774129955	600677	4129955	1.97E-05	19.688	1.700
6006874129955	600687	4129955	1.76E-05	17.592	1.700
6006974129955	600697	4129955	1.58E-05	15.842	1.700
6007074129955	600707	4129955	1.43E-05	14.339	1.700
6007174129955	600717	4129955	1.30E-05	13.044	1.700
6007274129955	600727	4129955	1.19E-05	11.909	1.700
6007374129955	600737	4129955	1.09E-05	10.924	1.700
6007474129955	600747	4129955	1.01E-05	10.061	1.700
6007574129955	600757	4129955	9.30E-06	9.295	1.700
6007674129955	600767	4129955	8.62E-06	8.616	1.700
6007774129955	600777	4129955	8.01E-06	8.009	1.700
6007874129955	600787	4129955	7.47E-06	7.467	1.700
6007974129955	600797	4129955	6.98E-06	6.980	1.700
6008074129955	600807	4129955	6.54E-06	6.539	1.700
6008174129955	600817	4129955	6.14E-06	6.140	1.700
6008274129955	600827	4129955	5.78E-06	5.776	1.700
6008374129955	600837	4129955	5.45E-06	5.448	1.700
6008474129955	600847	4129955	5.14E-06	5.144	1.700
6008574129955	600857	4129955	4.87E-06	4.870	1.700
6008674129955	600867	4129955	4.62E-06	4.617	1.700
6008774129955	600877	4129955	4.38E-06	4.380	1.700
6008874129955	600887	4129955	4.16E-06	4.162	1.700

6008974129955	600897	4129955	3.96E-06	3.964	1.700
6009074129955	600907	4129955	3.78E-06	3.779	1.700
6009174129955	600917	4129955	3.61E-06	3.608	1.700
6001674129965	600167	4129965	1.67E-06	1.670	1.700
6001774129965	600177	4129965	1.77E-06	1.774	1.700
6001874129965	600187	4129965	1.89E-06	1.886	1.700
6001974129965	600197	4129965	2.01E-06	2.005	1.700
6002074129965	600207	4129965	2.13E-06	2.131	1.700
6002174129965	600217	4129965	2.26E-06	2.257	1.700
6002274129965	600227	4129965	2.38E-06	2.381	1.700
6002374129965	600237	4129965	2.50E-06	2.496	1.700
6002474129965	600247	4129965	2.60E-06	2.601	1.700
6002574129965	600257	4129965	2.70E-06	2.704	1.700
6002674129965	600267	4129965	2.81E-06	2.814	1.700
6002774129965	600277	4129965	2.93E-06	2.933	1.700
6002874129965	600287	4129965	3.06E-06	3.056	1.700
6002974129965	600297	4129965	3.18E-06	3.184	1.700
6003074129965	600307	4129965	3.31E-06	3.315	1.700
6003174129965	600317	4129965	3.45E-06	3.451	1.700
6003274129965	600327	4129965	3.60E-06	3.596	1.700
6003374129965	600337	4129965	3.75E-06	3.753	1.700
6003474129965	600347	4129965	3.93E-06	3.927	1.700
6003574129965	600357	4129965	4.12E-06	4.122	1.700
6003674129965	600367	4129965	4.34E-06	4.345	1.700
6003774129965	600377	4129965	4.60E-06	4.600	1.700
6003874129965	600387	4129965	4.90E-06	4.900	1.700
6003974129965	600397	4129965	5.24E-06	5.242	1.700
6004074129965	600407	4129965	5.64E-06	5.636	1.700
6004174129965	600417	4129965	6.10E-06	6.102	1.700
6004274129965	600427	4129965	6.67E-06	6.675	1.700
6004374129965	600437	4129965	7.39E-06	7.386	1.700
6004474129965	600447	4129965	8.30E-06	8.303	1.700
6004574129965	600457	4129965	9.57E-06	9.569	1.700
6004674129965	600467	4129965	1.15E-05	11.526	1.700
6004774129965	600477	4129965	1.48E-05	14.822	1.700
6004874129965	600487	4129965	2.07E-05	20.744	1.700
6004974129965	600497	4129965	3.04E-05	30.395	1.700
6006174129965	600617	4129965	4.09E-05	40.898	1.700
6006274129965	600627	4129965	3.65E-05	36.470	1.700
6006374129965	600637	4129965	3.29E-05	32.878	1.700
6006474129965	600647	4129965	2.91E-05	29.127	1.700
6006574129965	600657	4129965	2.50E-05	24.997	1.700
6006674129965	600667	4129965	2.18E-05	21.813	1.700
6006774129965	600677	4129965	1.93E-05	19.282	1.700
6006874129965	600687	4129965	1.72E-05	17.166	1.700
6006974129965	600697	4129965	1.54E-05	15.398	1.700
6007074129965	600707	4129965	1.39E-05	13.914	1.700
6007174129965	600717	4129965	1.26E-05	12.635	1.700
6007274129965	600727	4129965	1.15E-05	11.535	1.700
6007374129965	600737	4129965	1.06E-05	10.580	1.700
6007474129965	600747	4129965	9.74E-06	9.735	1.700
6007574129965	600757	4129965	8.99E-06	8.990	1.700
6007674129965	600767	4129965	8.33E-06	8.330	1.700
6007774129965	600777	4129965	7.74E-06	7.743	1.700
6007874129965	600787	4129965	7.22E-06	7.217	1.700

6007974129965	600797	4129965	6.75E-06	6.749	1.700
6008074129965	600807	4129965	6.33E-06	6.328	1.700
6008174129965	600817	4129965	5.94E-06	5.940	1.700
6008274129965	600827	4129965	5.59E-06	5.589	1.700
6008374129965	600837	4129965	5.27E-06	5.269	1.700
6008474129965	600847	4129965	4.98E-06	4.981	1.700
6008574129965	600857	4129965	4.72E-06	4.716	1.700
6008674129965	600867	4129965	4.47E-06	4.469	1.700
6008774129965	600877	4129965	4.24E-06	4.242	1.700
6008874129965	600887	4129965	4.03E-06	4.032	1.700
6008974129965	600897	4129965	3.84E-06	3.838	1.700
6009074129965	600907	4129965	3.66E-06	3.661	1.700
6009174129965	600917	4129965	3.50E-06	3.496	1.700
6001674129975	600167	4129975	1.82E-06	1.823	1.700
6001774129975	600177	4129975	1.95E-06	1.949	1.700
6001874129975	600187	4129975	2.09E-06	2.088	1.700
6001974129975	600197	4129975	2.24E-06	2.241	1.700
6002074129975	600207	4129975	2.40E-06	2.403	1.700
6002174129975	600217	4129975	2.57E-06	2.569	1.700
6002274129975	600227	4129975	2.73E-06	2.728	1.700
6002374129975	600237	4129975	2.87E-06	2.868	1.700
6002474129975	600247	4129975	2.99E-06	2.993	1.700
6002574129975	600257	4129975	3.12E-06	3.117	1.700
6002674129975	600267	4129975	3.25E-06	3.251	1.700
6002774129975	600277	4129975	3.39E-06	3.390	1.700
6002874129975	600287	4129975	3.53E-06	3.526	1.700
6002974129975	600297	4129975	3.66E-06	3.660	1.700
6003074129975	600307	4129975	3.80E-06	3.796	1.700
6003174129975	600317	4129975	3.94E-06	3.940	1.700
6003274129975	600327	4129975	4.10E-06	4.097	1.700
6003374129975	600337	4129975	4.27E-06	4.273	1.700
6003474129975	600347	4129975	4.48E-06	4.475	1.700
6003574129975	600357	4129975	4.71E-06	4.707	1.700
6003674129975	600367	4129975	4.98E-06	4.979	1.700
6003774129975	600377	4129975	5.30E-06	5.303	1.700
6003874129975	600387	4129975	5.68E-06	5.679	1.700
6003974129975	600397	4129975	6.12E-06	6.119	1.700
6004074129975	600407	4129975	6.64E-06	6.640	1.700
6004174129975	600417	4129975	7.24E-06	7.240	1.700
6004274129975	600427	4129975	7.97E-06	7.972	1.700
6004374129975	600437	4129975	8.86E-06	8.863	1.700
6004474129975	600447	4129975	9.98E-06	9.976	1.700
6004574129975	600457	4129975	1.14E-05	11.441	1.700
6004674129975	600467	4129975	1.35E-05	13.534	1.700
6004774129975	600477	4129975	1.71E-05	17.109	1.700
6004874129975	600487	4129975	2.46E-05	24.582	1.700
6006074129975	600607	4129975	4.36E-05	43.607	1.700
6006174129975	600617	4129975	3.92E-05	39.161	1.700
6006274129975	600627	4129975	3.29E-05	32.936	1.700
6006374129975	600637	4129975	2.91E-05	29.117	1.700
6006474129975	600647	4129975	2.59E-05	25.907	1.700
6006574129975	600657	4129975	2.47E-05	24.744	1.700
6006674129975	600667	4129975	2.13E-05	21.318	1.700
6006774129975	600677	4129975	1.87E-05	18.730	1.700
6006874129975	600687	4129975	1.66E-05	16.616	1.700

6006974129975	600697	4129975	1.49E-05	14.869	1.700
6007074129975	600707	4129975	1.34E-05	13.373	1.700
6007174129975	600717	4129975	1.22E-05	12.151	1.700
6007274129975	600727	4129975	1.11E-05	11.100	1.700
6007374129975	600737	4129975	1.02E-05	10.173	1.700
6007474129975	600747	4129975	9.37E-06	9.366	1.700
6007574129975	600757	4129975	8.65E-06	8.654	1.700
6007674129975	600767	4129975	8.02E-06	8.019	1.700
6007774129975	600777	4129975	7.46E-06	7.456	1.700
6007874129975	600787	4129975	6.95E-06	6.952	1.700
6007974129975	600797	4129975	6.50E-06	6.502	1.700
6008074129975	600807	4129975	6.10E-06	6.096	1.700
6008174129975	600817	4129975	5.73E-06	5.727	1.700
6008274129975	600827	4129975	5.39E-06	5.389	1.700
6008374129975	600837	4129975	5.09E-06	5.088	1.700
6008474129975	600847	4129975	4.81E-06	4.811	1.700
6008574129975	600857	4129975	4.55E-06	4.553	1.700
6008674129975	600867	4129975	4.32E-06	4.318	1.700
6008774129975	600877	4129975	4.10E-06	4.100	1.700
6008874129975	600887	4129975	3.90E-06	3.898	1.700
6008974129975	600897	4129975	3.71E-06	3.712	1.700
6009074129975	600907	4129975	3.54E-06	3.540	1.700
6009174129975	600917	4129975	3.38E-06	3.379	1.700
6001674129985	600167	4129985	2.00E-06	1.996	1.700
6001774129985	600177	4129985	2.15E-06	2.151	1.700
6001874129985	600187	4129985	2.33E-06	2.327	1.700
6001974129985	600197	4129985	2.53E-06	2.527	1.700
6002074129985	600207	4129985	2.75E-06	2.746	1.700
6002174129985	600217	4129985	2.97E-06	2.974	1.700
6002274129985	600227	4129985	3.19E-06	3.192	1.700
6002374129985	600237	4129985	3.38E-06	3.376	1.700
6002474129985	600247	4129985	3.54E-06	3.535	1.700
6002574129985	600257	4129985	3.69E-06	3.693	1.700
6002674129985	600267	4129985	3.85E-06	3.850	1.700
6002774129985	600277	4129985	3.99E-06	3.989	1.700
6002874129985	600287	4129985	4.11E-06	4.112	1.700
6002974129985	600297	4129985	4.23E-06	4.230	1.700
6003074129985	600307	4129985	4.35E-06	4.352	1.700
6003174129985	600317	4129985	4.49E-06	4.491	1.700
6003274129985	600327	4129985	4.65E-06	4.653	1.700
6003374129985	600337	4129985	4.85E-06	4.847	1.700
6003474129985	600347	4129985	5.08E-06	5.081	1.700
6003574129985	600357	4129985	5.36E-06	5.360	1.700
6003674129985	600367	4129985	5.69E-06	5.692	1.700
6003774129985	600377	4129985	6.10E-06	6.095	1.700
6003874129985	600387	4129985	6.58E-06	6.578	1.700
6003974129985	600397	4129985	7.15E-06	7.153	1.700
6004074129985	600407	4129985	7.84E-06	7.838	1.700
6004174129985	600417	4129985	8.67E-06	8.665	1.700
6004274129985	600427	4129985	9.65E-06	9.646	1.700
6004374129985	600437	4129985	1.08E-05	10.827	1.700
6004474129985	600447	4129985	1.23E-05	12.264	1.700
6004574129985	600457	4129985	1.40E-05	14.036	1.700
6004674129985	600467	4129985	1.63E-05	16.265	1.700
6004774129985	600477	4129985	1.98E-05	19.785	1.700

6005974129985	600597	4129985	4.51E-05	45.066	1.700
6006074129985	600607	4129985	3.89E-05	38.882	1.700
6006174129985	600617	4129985	3.42E-05	34.228	1.700
6006274129985	600627	4129985	3.10E-05	30.998	1.700
6006374129985	600637	4129985	2.61E-05	26.137	1.700
6006474129985	600647	4129985	2.26E-05	22.617	1.700
6006574129985	600657	4129985	2.11E-05	21.105	1.700
6006674129985	600667	4129985	2.12E-05	21.151	1.700
6006774129985	600677	4129985	1.83E-05	18.267	1.700
6006874129985	600687	4129985	1.61E-05	16.098	1.700
6006974129985	600697	4129985	1.43E-05	14.345	1.700
6007074129985	600707	4129985	1.29E-05	12.880	1.700
6007174129985	600717	4129985	1.17E-05	11.687	1.700
6007274129985	600727	4129985	1.07E-05	10.655	1.700
6007374129985	600737	4129985	9.76E-06	9.761	1.700
6007474129985	600747	4129985	8.99E-06	8.991	1.700
6007574129985	600757	4129985	8.31E-06	8.309	1.700
6007674129985	600767	4129985	7.70E-06	7.703	1.700
6007774129985	600777	4129985	7.17E-06	7.166	1.700
6007874129985	600787	4129985	6.69E-06	6.686	1.700
6007974129985	600797	4129985	6.25E-06	6.253	1.700
6008074129985	600807	4129985	5.86E-06	5.865	1.700
6008174129985	600817	4129985	5.51E-06	5.511	1.700
6008274129985	600827	4129985	5.20E-06	5.195	1.700
6008374129985	600837	4129985	4.90E-06	4.905	1.700
6008474129985	600847	4129985	4.64E-06	4.638	1.700
6008574129985	600857	4129985	4.39E-06	4.391	1.700
6008674129985	600867	4129985	4.16E-06	4.163	1.700
6008774129985	600877	4129985	3.95E-06	3.955	1.700
6008874129985	600887	4129985	3.76E-06	3.763	1.700
6008974129985	600897	4129985	3.58E-06	3.583	1.700
6009074129985	600907	4129985	3.42E-06	3.416	1.700
6009174129985	600917	4129985	3.26E-06	3.260	1.700
6001674129995	600167	4129995	2.20E-06	2.197	1.700
6001774129995	600177	4129995	2.39E-06	2.390	1.700
6001874129995	600187	4129995	2.62E-06	2.617	1.700
6001974129995	600197	4129995	2.88E-06	2.883	1.700
6002074129995	600207	4129995	3.19E-06	3.193	1.700
6002174129995	600217	4129995	3.53E-06	3.533	1.700
6002274129995	600227	4129995	3.87E-06	3.875	1.700
6002374129995	600237	4129995	4.17E-06	4.168	1.700
6002474129995	600247	4129995	4.40E-06	4.401	1.700
6002574129995	600257	4129995	4.60E-06	4.595	1.700
6002674129995	600267	4129995	4.72E-06	4.717	1.700
6002774129995	600277	4129995	4.78E-06	4.781	1.700
6002874129995	600287	4129995	4.83E-06	4.832	1.700
6002974129995	600297	4129995	4.89E-06	4.891	1.700
6003074129995	600307	4129995	4.98E-06	4.975	1.700
6003174129995	600317	4129995	5.09E-06	5.094	1.700
6003274129995	600327	4129995	5.25E-06	5.255	1.700
6003374129995	600337	4129995	5.46E-06	5.464	1.700
6003474129995	600347	4129995	5.73E-06	5.731	1.700
6003574129995	600357	4129995	6.06E-06	6.061	1.700
6003674129995	600367	4129995	6.47E-06	6.468	1.700
6003774129995	600377	4129995	6.97E-06	6.966	1.700

6003874129995	600387	4129995	7.58E-06	7.582	1.700
6003974129995	600397	4129995	8.33E-06	8.330	1.700
6004074129995	600407	4129995	9.24E-06	9.245	1.700
6004174129995	600417	4129995	1.04E-05	10.368	1.700
6004274129995	600427	4129995	1.18E-05	11.768	1.700
6004374129995	600437	4129995	1.35E-05	13.473	1.700
6004474129995	600447	4129995	1.56E-05	15.552	1.700
6004574129995	600457	4129995	1.80E-05	18.003	1.700
6004674129995	600467	4129995	2.09E-05	20.909	1.700
6004774129995	600477	4129995	2.39E-05	23.899	1.700
6005974129995	600597	4129995	3.96E-05	39.573	1.700
6006074129995	600607	4129995	3.38E-05	33.760	1.700
6006174129995	600617	4129995	2.95E-05	29.472	1.700
6006274129995	600627	4129995	2.64E-05	26.441	1.700
6006374129995	600637	4129995	2.45E-05	24.496	1.700
6006474129995	600647	4129995	2.08E-05	20.834	1.700
6006574129995	600657	4129995	1.91E-05	19.135	1.700
6006674129995	600667	4129995	1.78E-05	17.773	1.700
6006774129995	600677	4129995	1.84E-05	18.382	1.700
6006874129995	600687	4129995	1.59E-05	15.867	1.700
6006974129995	600697	4129995	1.40E-05	13.951	1.700
6007074129995	600707	4129995	1.25E-05	12.474	1.700
6007174129995	600717	4129995	1.13E-05	11.270	1.700
6007274129995	600727	4129995	1.03E-05	10.253	1.700
6007374129995	600737	4129995	9.39E-06	9.386	1.700
6007474129995	600747	4129995	8.64E-06	8.640	1.700
6007574129995	600757	4129995	7.98E-06	7.984	1.700
6007674129995	600767	4129995	7.40E-06	7.401	1.700
6007774129995	600777	4129995	6.89E-06	6.886	1.700
6007874129995	600787	4129995	6.42E-06	6.423	1.700
6007974129995	600797	4129995	6.01E-06	6.014	1.700
6008074129995	600807	4129995	5.64E-06	5.643	1.700
6008174129995	600817	4129995	5.31E-06	5.308	1.700
6008274129995	600827	4129995	5.01E-06	5.005	1.700
6008374129995	600837	4129995	4.73E-06	4.725	1.700
6008474129995	600847	4129995	4.47E-06	4.468	1.700
6008574129995	600857	4129995	4.23E-06	4.231	1.700
6008674129995	600867	4129995	4.01E-06	4.011	1.700
6008774129995	600877	4129995	3.81E-06	3.810	1.700
6008874129995	600887	4129995	3.63E-06	3.625	1.700
6008974129995	600897	4129995	3.45E-06	3.453	1.700
6009074129995	600907	4129995	3.29E-06	3.292	1.700
6009174129995	600917	4129995	3.14E-06	3.142	1.700
6001674130005	600167	4130005	2.43E-06	2.428	1.700
6001774130005	600177	4130005	2.67E-06	2.674	1.700
6001874130005	600187	4130005	2.97E-06	2.972	1.700
6001974130005	600197	4130005	3.34E-06	3.337	1.700
6002074130005	600207	4130005	3.79E-06	3.793	1.700
6002174130005	600217	4130005	4.36E-06	4.357	1.700
6002274130005	600227	4130005	5.05E-06	5.049	1.700
6002374130005	600237	4130005	5.75E-06	5.749	1.700
6002474130005	600247	4130005	6.15E-06	6.147	1.700
6002574130005	600257	4130005	6.14E-06	6.144	1.700
6002674130005	600267	4130005	5.96E-06	5.961	1.700
6002774130005	600277	4130005	5.79E-06	5.789	1.700

6002874130005	600287	4130005	5.68E-06	5.677	1.700
6002974130005	600297	4130005	5.63E-06	5.630	1.700
6003074130005	600307	4130005	5.65E-06	5.649	1.700
6003174130005	600317	4130005	5.73E-06	5.734	1.700
6003274130005	600327	4130005	5.89E-06	5.886	1.700
6003374130005	600337	4130005	6.11E-06	6.108	1.700
6003474130005	600347	4130005	6.41E-06	6.408	1.700
6003574130005	600357	4130005	6.79E-06	6.793	1.700
6003674130005	600367	4130005	7.28E-06	7.280	1.700
6003774130005	600377	4130005	7.89E-06	7.886	1.700
6003874130005	600387	4130005	8.65E-06	8.649	1.700
6003974130005	600397	4130005	9.60E-06	9.597	1.700
6004074130005	600407	4130005	1.08E-05	10.787	1.700
6004174130005	600417	4130005	1.23E-05	12.296	1.700
6004274130005	600427	4130005	1.42E-05	14.235	1.700
6004374130005	600437	4130005	1.67E-05	16.733	1.700
6004474130005	600447	4130005	1.99E-05	19.945	1.700
6004574130005	600457	4130005	2.41E-05	24.128	1.700
6004674130005	600467	4130005	2.95E-05	29.510	1.700
6004774130005	600477	4130005	3.46E-05	34.601	1.700
6005874130005	600587	4130005	3.95E-05	39.499	1.700
6005974130005	600597	4130005	3.32E-05	33.168	1.700
6006074130005	600607	4130005	2.84E-05	28.406	1.700
6006174130005	600617	4130005	2.49E-05	24.874	1.700
6006274130005	600627	4130005	2.23E-05	22.344	1.700
6006374130005	600637	4130005	2.06E-05	20.607	1.700
6006474130005	600647	4130005	1.96E-05	19.553	1.700
6006574130005	600657	4130005	1.79E-05	17.907	1.700
6006674130005	600667	4130005	1.59E-05	15.921	1.700
6006774130005	600677	4130005	1.47E-05	14.696	1.700
6006874130005	600687	4130005	1.63E-05	16.305	1.700
6006974130005	600697	4130005	1.40E-05	13.985	1.700
6007074130005	600707	4130005	1.23E-05	12.295	1.700
6007174130005	600717	4130005	1.10E-05	10.998	1.700
6007274130005	600727	4130005	9.97E-06	9.968	1.700
6007374130005	600737	4130005	9.10E-06	9.098	1.700
6007474130005	600747	4130005	8.35E-06	8.355	1.700
6007574130005	600757	4130005	7.71E-06	7.706	1.700
6007674130005	600767	4130005	7.14E-06	7.136	1.700
6007774130005	600777	4130005	6.63E-06	6.635	1.700
6007874130005	600787	4130005	6.19E-06	6.189	1.700
6007974130005	600797	4130005	5.80E-06	5.795	1.700
6008074130005	600807	4130005	5.44E-06	5.439	1.700
6008174130005	600817	4130005	5.12E-06	5.118	1.700
6008274130005	600827	4130005	4.82E-06	4.823	1.700
6008374130005	600837	4130005	4.55E-06	4.552	1.700
6008474130005	600847	4130005	4.30E-06	4.303	1.700
6008574130005	600857	4130005	4.07E-06	4.074	1.700
6008674130005	600867	4130005	3.86E-06	3.862	1.700
6008774130005	600877	4130005	3.67E-06	3.666	1.700
6008874130005	600887	4130005	3.49E-06	3.487	1.700
6008974130005	600897	4130005	3.32E-06	3.320	1.700
6009074130005	600907	4130005	3.17E-06	3.167	1.700
6009174130005	600917	4130005	3.02E-06	3.024	1.700
6001674130015	600167	4130015	2.69E-06	2.692	1.700

6001774130015	600177	4130015	3.01E-06	3.012	1.700
6001874130015	600187	4130015	3.41E-06	3.412	1.700
6001974130015	600197	4130015	3.93E-06	3.928	1.700
6002074130015	600207	4130015	4.63E-06	4.632	1.700
6002174130015	600217	4130015	5.69E-06	5.692	1.700
6002274130015	600227	4130015	6.24E-06	6.239	1.700
6002374130015	600237	4130015	6.13E-06	6.130	1.700
6002474130015	600247	4130015	7.98E-06	7.982	1.700
6002574130015	600257	4130015	8.55E-06	8.552	1.700
6002674130015	600267	4130015	7.57E-06	7.570	1.700
6002774130015	600277	4130015	6.97E-06	6.972	1.700
6002874130015	600287	4130015	6.61E-06	6.614	1.700
6002974130015	600297	4130015	6.42E-06	6.418	1.700
6003074130015	600307	4130015	6.35E-06	6.352	1.700
6003174130015	600317	4130015	6.40E-06	6.397	1.700
6003274130015	600327	4130015	6.53E-06	6.534	1.700
6003374130015	600337	4130015	6.76E-06	6.763	1.700
6003474130015	600347	4130015	7.09E-06	7.093	1.700
6003574130015	600357	4130015	7.53E-06	7.532	1.700
6003674130015	600367	4130015	8.10E-06	8.099	1.700
6003774130015	600377	4130015	8.81E-06	8.815	1.700
6003874130015	600387	4130015	9.71E-06	9.714	1.700
6003974130015	600397	4130015	1.09E-05	10.865	1.700
6004074130015	600407	4130015	1.23E-05	12.335	1.700
6004174130015	600417	4130015	1.42E-05	14.239	1.700
6004274130015	600427	4130015	1.68E-05	16.754	1.700
6004374130015	600437	4130015	2.01E-05	20.104	1.700
6004474130015	600447	4130015	2.47E-05	24.652	1.700
6004574130015	600457	4130015	3.14E-05	31.384	1.700
6004674130015	600467	4130015	4.11E-05	41.055	1.700
6004774130015	600477	4130015	5.54E-05	55.439	1.700
6004874130015	600487	4130015	7.31E-05	73.120	1.700
6004974130015	600497	4130015	3.42E-05	34.166	1.700
6005774130015	600577	4130015	3.74E-05	37.395	1.700
6005874130015	600587	4130015	3.15E-05	31.450	1.700
6005974130015	600597	4130015	2.68E-05	26.778	1.700
6006074130015	600607	4130015	2.33E-05	23.253	1.700
6006174130015	600617	4130015	2.06E-05	20.621	1.700
6006274130015	600627	4130015	1.86E-05	18.618	1.700
6006374130015	600637	4130015	1.72E-05	17.227	1.700
6006474130015	600647	4130015	1.63E-05	16.291	1.700
6006574130015	600657	4130015	1.59E-05	15.866	1.700
6006674130015	600667	4130015	1.61E-05	16.119	1.700
6006774130015	600677	4130015	1.33E-05	13.296	1.700
6006874130015	600687	4130015	1.30E-05	12.989	1.700
6006974130015	600697	4130015	1.31E-05	13.140	1.700
6007074130015	600707	4130015	1.26E-05	12.584	1.700
6007174130015	600717	4130015	1.10E-05	11.024	1.700
6007274130015	600727	4130015	9.88E-06	9.877	1.700
6007374130015	600737	4130015	8.95E-06	8.946	1.700
6007474130015	600747	4130015	8.16E-06	8.165	1.700
6007574130015	600757	4130015	7.50E-06	7.500	1.700
6007674130015	600767	4130015	6.93E-06	6.929	1.700
6007774130015	600777	4130015	6.43E-06	6.430	1.700
6007874130015	600787	4130015	6.00E-06	5.996	1.700



6007974130015	600797	4130015	5.61E-06	5.610	1.700
6008074130015	600807	4130015	5.26E-06	5.260	1.700
6008174130015	600817	4130015	4.94E-06	4.942	1.700
6008274130015	600827	4130015	4.65E-06	4.650	1.700
6008374130015	600837	4130015	4.38E-06	4.384	1.700
6008474130015	600847	4130015	4.14E-06	4.141	1.700
6008574130015	600857	4130015	3.92E-06	3.917	1.700
6008674130015	600867	4130015	3.71E-06	3.711	1.700
6008774130015	600877	4130015	3.52E-06	3.523	1.700
6008874130015	600887	4130015	3.35E-06	3.349	1.700
6008974130015	600897	4130015	3.19E-06	3.188	1.700
6009074130015	600907	4130015	3.04E-06	3.041	1.700
6009174130015	600917	4130015	2.91E-06	2.905	1.700
6001674130025	600167	4130025	3.00E-06	3.002	1.700
6001774130025	600177	4130025	3.42E-06	3.416	1.700
6001874130025	600187	4130025	3.96E-06	3.963	1.700
6001974130025	600197	4130025	4.70E-06	4.702	1.700
6002074130025	600207	4130025	5.84E-06	5.837	1.700
6002174130025	600217	4130025	5.76E-06	5.764	1.700
6002274130025	600227	4130025	7.41E-06	7.410	1.700
6002374130025	600237	4130025	7.21E-06	7.214	1.700
6002474130025	600247	4130025	8.41E-06	8.409	1.700
6002574130025	600257	4130025	7.72E-06	7.718	1.700
6002674130025	600267	4130025	9.47E-06	9.466	1.700
6002774130025	600277	4130025	8.31E-06	8.309	1.700
6002874130025	600287	4130025	7.64E-06	7.644	1.700
6002974130025	600297	4130025	7.26E-06	7.262	1.700
6003074130025	600307	4130025	7.09E-06	7.087	1.700
6003174130025	600317	4130025	7.07E-06	7.070	1.700
6003274130025	600327	4130025	7.19E-06	7.186	1.700
6003374130025	600337	4130025	7.42E-06	7.420	1.700
6003474130025	600347	4130025	7.77E-06	7.769	1.700
6003574130025	600357	4130025	8.25E-06	8.249	1.700
6003674130025	600367	4130025	8.88E-06	8.881	1.700
6003774130025	600377	4130025	9.69E-06	9.689	1.700
6003874130025	600387	4130025	1.07E-05	10.709	1.700
6003974130025	600397	4130025	1.20E-05	12.018	1.700
6004074130025	600407	4130025	1.37E-05	13.715	1.700
6004174130025	600417	4130025	1.59E-05	15.918	1.700
6004274130025	600427	4130025	1.88E-05	18.844	1.700
6004374130025	600437	4130025	2.27E-05	22.739	1.700
6004474130025	600447	4130025	2.82E-05	28.222	1.700
6004574130025	600457	4130025	3.62E-05	36.208	1.700
6004674130025	600467	4130025	4.78E-05	47.795	1.700
6004774130025	600477	4130025	6.45E-05	64.471	1.700
6004874130025	600487	4130025	8.21E-05	82.146	1.700
6004974130025	600497	4130025	6.68E-05	66.797	1.700
6005074130025	600507	4130025	3.70E-05	36.989	1.700
6005674130025	600567	4130025	3.25E-05	32.485	1.700
6005774130025	600577	4130025	2.80E-05	27.952	1.700
6005874130025	600587	4130025	2.41E-05	24.080	1.700
6005974130025	600597	4130025	2.10E-05	21.026	1.700
6006074130025	600607	4130025	1.86E-05	18.641	1.700
6006174130025	600617	4130025	1.68E-05	16.839	1.700
6006274130025	600627	4130025	1.54E-05	15.407	1.700

6006374130025	600637	4130025	1.44E-05	14.356	1.700
6006474130025	600647	4130025	1.36E-05	13.638	1.700
6006574130025	600657	4130025	1.33E-05	13.264	1.700
6006674130025	600667	4130025	1.32E-05	13.248	1.700
6006774130025	600677	4130025	1.38E-05	13.762	1.700
6006874130025	600687	4130025	1.15E-05	11.486	1.700
6006974130025	600697	4130025	1.10E-05	11.048	1.700
6007074130025	600707	4130025	1.06E-05	10.603	1.700
6007174130025	600717	4130025	1.16E-05	11.640	1.700
6007274130025	600727	4130025	1.01E-05	10.126	1.700
6007374130025	600737	4130025	9.01E-06	9.010	1.700
6007474130025	600747	4130025	8.13E-06	8.133	1.700
6007574130025	600757	4130025	7.40E-06	7.404	1.700
6007674130025	600767	4130025	6.80E-06	6.803	1.700
6007774130025	600777	4130025	6.29E-06	6.294	1.700
6007874130025	600787	4130025	5.85E-06	5.850	1.700
6007974130025	600797	4130025	5.46E-06	5.456	1.700
6008074130025	600807	4130025	5.10E-06	5.099	1.700
6008174130025	600817	4130025	4.78E-06	4.776	1.700
6008274130025	600827	4130025	4.48E-06	4.484	1.700
6008374130025	600837	4130025	4.22E-06	4.220	1.700
6008474130025	600847	4130025	3.98E-06	3.981	1.700
6008574130025	600857	4130025	3.76E-06	3.762	1.700
6008674130025	600867	4130025	3.56E-06	3.562	1.700
6008774130025	600877	4130025	3.38E-06	3.378	1.700
6008874130025	600887	4130025	3.21E-06	3.212	1.700
6008974130025	600897	4130025	3.06E-06	3.058	1.700
6009074130025	600907	4130025	2.92E-06	2.918	1.700
6009174130025	600917	4130025	2.79E-06	2.787	1.700
6001674130035	600167	4130035	3.36E-06	3.365	1.700
6001774130035	600177	4130035	3.91E-06	3.906	1.700
6001874130035	600187	4130035	4.65E-06	4.646	1.700
6001974130035	600197	4130035	5.73E-06	5.732	1.700
6002074130035	600207	4130035	6.61E-06	6.614	1.700
6002174130035	600217	4130035	7.03E-06	7.035	1.700
6002274130035	600227	4130035	8.20E-06	8.198	1.700
6002374130035	600237	4130035	1.09E-05	10.882	1.700
6002474130035	600247	4130035	8.33E-06	8.329	1.700
6002574130035	600257	4130035	8.18E-06	8.178	1.700
6002674130035	600267	4130035	8.36E-06	8.365	1.700
6002774130035	600277	4130035	1.00E-05	10.039	1.700
6002874130035	600287	4130035	8.86E-06	8.859	1.700
6002974130035	600297	4130035	8.22E-06	8.216	1.700
6003074130035	600307	4130035	7.89E-06	7.892	1.700
6003174130035	600317	4130035	7.79E-06	7.787	1.700
6003274130035	600327	4130035	7.85E-06	7.848	1.700
6003374130035	600337	4130035	8.06E-06	8.064	1.700
6003474130035	600347	4130035	8.43E-06	8.426	1.700
6003574130035	600357	4130035	8.93E-06	8.929	1.700
6003674130035	600367	4130035	9.60E-06	9.598	1.700
6003774130035	600377	4130035	1.05E-05	10.462	1.700
6003874130035	600387	4130035	1.16E-05	11.563	1.700
6003974130035	600397	4130035	1.30E-05	12.969	1.700
6004074130035	600407	4130035	1.48E-05	14.775	1.700
6004174130035	600417	4130035	1.71E-05	17.100	1.700

6004274130035	600427	4130035	2.01E-05	20.138	1.700
6004374130035	600437	4130035	2.41E-05	24.108	1.700
6004474130035	600447	4130035	2.96E-05	29.553	1.700
6004574130035	600457	4130035	3.68E-05	36.834	1.700
6004674130035	600467	4130035	4.62E-05	46.228	1.700
6004774130035	600477	4130035	5.65E-05	56.509	1.700
6004874130035	600487	4130035	6.14E-05	61.434	1.700
6004974130035	600497	4130035	5.26E-05	52.589	1.700
6005074130035	600507	4130035	3.98E-05	39.805	1.700
6005174130035	600517	4130035	3.24E-05	32.353	1.700
6005574130035	600557	4130035	2.56E-05	25.637	1.700
6005674130035	600567	4130035	2.30E-05	23.022	1.700
6005774130035	600577	4130035	2.04E-05	20.440	1.700
6005874130035	600587	4130035	1.82E-05	18.228	1.700
6005974130035	600597	4130035	1.64E-05	16.352	1.700
6006074130035	600607	4130035	1.48E-05	14.833	1.700
6006174130035	600617	4130035	1.37E-05	13.671	1.700
6006274130035	600627	4130035	1.27E-05	12.726	1.700
6006374130035	600637	4130035	1.20E-05	12.003	1.700
6006474130035	600647	4130035	1.15E-05	11.503	1.700
6006574130035	600657	4130035	1.12E-05	11.231	1.700
6006674130035	600667	4130035	1.12E-05	11.166	1.700
6006774130035	600677	4130035	1.14E-05	11.373	1.700
6006874130035	600687	4130035	1.20E-05	11.999	1.700
6006974130035	600697	4130035	1.02E-05	10.159	1.700
6007074130035	600707	4130035	9.01E-06	9.014	1.700
6007174130035	600717	4130035	9.49E-06	9.487	1.700
6007274130035	600727	4130035	1.10E-05	10.976	1.700
6007374130035	600737	4130035	9.46E-06	9.462	1.700
6007474130035	600747	4130035	8.32E-06	8.323	1.700
6007574130035	600757	4130035	7.47E-06	7.468	1.700
6007674130035	600767	4130035	6.79E-06	6.793	1.700
6007774130035	600777	4130035	6.23E-06	6.234	1.700
6007874130035	600787	4130035	5.75E-06	5.751	1.700
6007974130035	600797	4130035	5.32E-06	5.323	1.700
6008074130035	600807	4130035	4.95E-06	4.948	1.700
6008174130035	600817	4130035	4.61E-06	4.615	1.700
6008274130035	600827	4130035	4.32E-06	4.320	1.700
6008374130035	600837	4130035	4.06E-06	4.056	1.700
6008474130035	600847	4130035	3.82E-06	3.822	1.700
6008574130035	600857	4130035	3.61E-06	3.610	1.700
6008674130035	600867	4130035	3.42E-06	3.416	1.700
6008774130035	600877	4130035	3.24E-06	3.239	1.700
6008874130035	600887	4130035	3.08E-06	3.077	1.700
6008974130035	600897	4130035	2.93E-06	2.930	1.700
6009074130035	600907	4130035	2.80E-06	2.796	1.700
6009174130035	600917	4130035	2.67E-06	2.670	1.700
6001674130045	600167	4130045	3.79E-06	3.790	1.700
6001774130045	600177	4130045	4.50E-06	4.504	1.700
6001874130045	600187	4130045	5.53E-06	5.534	1.700
6001974130045	600197	4130045	7.26E-06	7.262	1.700
6002074130045	600207	4130045	6.82E-06	6.819	1.700
6002174130045	600217	4130045	7.76E-06	7.755	1.700
6002274130045	600227	4130045	1.02E-05	10.207	1.700
6002374130045	600237	4130045	9.26E-06	9.264	1.700

6002474130045	600247	4130045	9.44E-06	9.443	1.700
6002574130045	600257	4130045	9.03E-06	9.031	1.700
6002674130045	600267	4130045	8.12E-06	8.117	1.700
6002774130045	600277	4130045	8.13E-06	8.134	1.700
6002874130045	600287	4130045	1.06E-05	10.640	1.700
6002974130045	600297	4130045	9.45E-06	9.450	1.700
6003074130045	600307	4130045	8.86E-06	8.855	1.700
6003174130045	600317	4130045	8.59E-06	8.585	1.700
6003274130045	600327	4130045	8.55E-06	8.552	1.700
6003374130045	600337	4130045	8.72E-06	8.716	1.700
6003474130045	600347	4130045	9.05E-06	9.052	1.700
6003574130045	600357	4130045	9.55E-06	9.554	1.700
6003674130045	600367	4130045	1.02E-05	10.227	1.700
6003774130045	600377	4130045	1.11E-05	11.101	1.700
6003874130045	600387	4130045	1.22E-05	12.223	1.700
6003974130045	600397	4130045	1.36E-05	13.640	1.700
6004074130045	600407	4130045	1.54E-05	15.428	1.700
6004174130045	600417	4130045	1.77E-05	17.683	1.700
6004274130045	600427	4130045	2.05E-05	20.495	1.700
6004374130045	600437	4130045	2.41E-05	24.139	1.700
6004474130045	600447	4130045	2.87E-05	28.699	1.700
6004574130045	600457	4130045	3.42E-05	34.191	1.700
6004674130045	600467	4130045	4.01E-05	40.118	1.700
6004774130045	600477	4130045	4.48E-05	44.805	1.700
6004874130045	600487	4130045	4.53E-05	45.305	1.700
6004974130045	600497	4130045	4.07E-05	40.701	1.700
6005074130045	600507	4130045	3.47E-05	34.672	1.700
6005174130045	600517	4130045	2.96E-05	29.647	1.700
6005274130045	600527	4130045	2.59E-05	25.923	1.700
6005474130045	600547	4130045	2.02E-05	20.191	1.700
6005574130045	600557	4130045	1.84E-05	18.445	1.700
6005674130045	600567	4130045	1.68E-05	16.844	1.700
6005774130045	600577	4130045	1.54E-05	15.372	1.700
6005874130045	600587	4130045	1.41E-05	14.069	1.700
6005974130045	600597	4130045	1.29E-05	12.949	1.700
6006074130045	600607	4130045	1.20E-05	12.009	1.700
6006174130045	600617	4130045	1.12E-05	11.247	1.700
6006274130045	600627	4130045	1.06E-05	10.620	1.700
6006374130045	600637	4130045	1.01E-05	10.138	1.700
6006474130045	600647	4130045	9.82E-06	9.817	1.700
6006574130045	600657	4130045	9.64E-06	9.642	1.700
6006674130045	600667	4130045	9.59E-06	9.590	1.700
6006774130045	600677	4130045	9.70E-06	9.701	1.700
6006874130045	600687	4130045	1.01E-05	10.050	1.700
6006974130045	600697	4130045	1.08E-05	10.791	1.700
6007074130045	600707	4130045	9.21E-06	9.209	1.700
6007174130045	600717	4130045	9.16E-06	9.163	1.700
6007274130045	600727	4130045	9.04E-06	9.036	1.700
6007374130045	600737	4130045	1.05E-05	10.546	1.700
6007474130045	600747	4130045	8.89E-06	8.891	1.700
6007574130045	600757	4130045	7.76E-06	7.762	1.700
6007674130045	600767	4130045	6.91E-06	6.912	1.700
6007774130045	600777	4130045	6.23E-06	6.228	1.700
6007874130045	600787	4130045	5.66E-06	5.664	1.700
6007974130045	600797	4130045	5.19E-06	5.189	1.700

6008074130045	600807	4130045	4.79E-06	4.790	1.700
6008174130045	600817	4130045	4.45E-06	4.449	1.700
6008274130045	600827	4130045	4.15E-06	4.151	1.700
6008374130045	600837	4130045	3.89E-06	3.890	1.700
6008474130045	600847	4130045	3.66E-06	3.661	1.700
6008574130045	600857	4130045	3.46E-06	3.456	1.700
6008674130045	600867	4130045	3.27E-06	3.271	1.700
6008774130045	600877	4130045	3.10E-06	3.102	1.700
6008874130045	600887	4130045	2.95E-06	2.947	1.700
6008974130045	600897	4130045	2.80E-06	2.804	1.700
6009074130045	600907	4130045	2.68E-06	2.675	1.700
6001774130055	600177	4130055	5.27E-06	5.273	1.700
6001874130055	600187	4130055	6.85E-06	6.846	1.700
6001974130055	600197	4130055	6.54E-06	6.544	1.700
6002074130055	600207	4130055	7.46E-06	7.459	1.700
6002174130055	600217	4130055	8.73E-06	8.729	1.700
6002274130055	600227	4130055	8.66E-06	8.656	1.700
6002374130055	600237	4130055	8.19E-06	8.186	1.700
6002474130055	600247	4130055	8.30E-06	8.296	1.700
6002574130055	600257	4130055	8.94E-06	8.942	1.700
6002674130055	600267	4130055	1.03E-05	10.297	1.700
6002774130055	600277	4130055	8.32E-06	8.322	1.700
6002874130055	600287	4130055	7.52E-06	7.521	1.700
6002974130055	600297	4130055	9.90E-06	9.900	1.700
6003074130055	600307	4130055	1.01E-05	10.139	1.700
6003174130055	600317	4130055	9.54E-06	9.541	1.700
6003274130055	600327	4130055	9.34E-06	9.338	1.700
6003374130055	600337	4130055	9.40E-06	9.401	1.700
6003474130055	600347	4130055	9.67E-06	9.667	1.700
6003574130055	600357	4130055	1.01E-05	10.121	1.700
6003674130055	600367	4130055	1.08E-05	10.763	1.700
6003774130055	600377	4130055	1.16E-05	11.603	1.700
6003874130055	600387	4130055	1.27E-05	12.672	1.700
6003974130055	600397	4130055	1.40E-05	14.015	1.700
6004074130055	600407	4130055	1.57E-05	15.676	1.700
6004174130055	600417	4130055	1.77E-05	17.692	1.700
6004274130055	600427	4130055	2.02E-05	20.154	1.700
6004374130055	600437	4130055	2.31E-05	23.126	1.700
6004474130055	600447	4130055	2.65E-05	26.517	1.700
6004574130055	600457	4130055	3.02E-05	30.151	1.700
6004674130055	600467	4130055	3.34E-05	33.380	1.700
6004774130055	600477	4130055	3.52E-05	35.224	1.700
6004874130055	600487	4130055	3.47E-05	34.676	1.700
6004974130055	600497	4130055	3.21E-05	32.059	1.700
6005074130055	600507	4130055	2.87E-05	28.727	1.700
6005174130055	600517	4130055	2.54E-05	25.374	1.700
6005274130055	600527	4130055	2.23E-05	22.283	1.700
6005374130055	600537	4130055	1.93E-05	19.265	1.700
6005474130055	600547	4130055	1.66E-05	16.626	1.700
6005574130055	600557	4130055	1.48E-05	14.763	1.700
6005674130055	600567	4130055	1.34E-05	13.401	1.700
6005774130055	600577	4130055	1.23E-05	12.311	1.700
6005874130055	600587	4130055	1.14E-05	11.403	1.700
6005974130055	600597	4130055	1.06E-05	10.644	1.700
6006074130055	600607	4130055	1.00E-05	10.006	1.700

6006174130055	600617	4130055	9.47E-06	9.469	1.700
6006274130055	600627	4130055	9.05E-06	9.051	1.700
6006374130055	600637	4130055	8.74E-06	8.736	1.700
6006474130055	600647	4130055	8.53E-06	8.527	1.700
6006574130055	600657	4130055	8.42E-06	8.419	1.700
6006674130055	600667	4130055	8.40E-06	8.401	1.700
6006774130055	600677	4130055	8.49E-06	8.492	1.700
6006874130055	600687	4130055	8.74E-06	8.743	1.700
6006974130055	600697	4130055	9.21E-06	9.211	1.700
6007074130055	600707	4130055	1.00E-05	10.007	1.700
6007174130055	600717	4130055	9.82E-06	9.819	1.700
6007274130055	600727	4130055	7.83E-06	7.831	1.700
6007374130055	600737	4130055	8.36E-06	8.359	1.700
6007474130055	600747	4130055	1.02E-05	10.162	1.700
6007574130055	600757	4130055	8.31E-06	8.311	1.700
6007674130055	600767	4130055	7.07E-06	7.072	1.700
6007774130055	600777	4130055	6.19E-06	6.188	1.700
6007874130055	600787	4130055	5.53E-06	5.534	1.700
6007974130055	600797	4130055	5.02E-06	5.023	1.700
6008074130055	600807	4130055	4.61E-06	4.611	1.700
6008174130055	600817	4130055	4.27E-06	4.267	1.700
6008274130055	600827	4130055	3.97E-06	3.974	1.700
6008374130055	600837	4130055	3.72E-06	3.721	1.700
6008474130055	600847	4130055	3.50E-06	3.498	1.700
6008574130055	600857	4130055	3.30E-06	3.300	1.700
6008674130055	600867	4130055	3.12E-06	3.124	1.700
6008774130055	600877	4130055	2.96E-06	2.965	1.700
6008874130055	600887	4130055	2.82E-06	2.819	1.700
6008974130055	600897	4130055	2.68E-06	2.683	1.700
6009074130055	600907	4130055	2.56E-06	2.559	1.700
6001774130065	600177	4130065	6.40E-06	6.398	1.700
6001874130065	600187	4130065	6.10E-06	6.099	1.700
6001974130065	600197	4130065	5.96E-06	5.964	1.700
6002074130065	600207	4130065	8.84E-06	8.840	1.700
6002174130065	600217	4130065	8.40E-06	8.400	1.700
6002274130065	600227	4130065	7.61E-06	7.615	1.700
6002374130065	600237	4130065	7.34E-06	7.345	1.700
6002474130065	600247	4130065	7.46E-06	7.462	1.700
6002574130065	600257	4130065	7.92E-06	7.923	1.700
6002674130065	600267	4130065	8.76E-06	8.762	1.700
6002774130065	600277	4130065	1.01E-05	10.129	1.700
6002874130065	600287	4130065	8.43E-06	8.432	1.700
6002974130065	600297	4130065	8.83E-06	8.831	1.700
6003074130065	600307	4130065	1.02E-05	10.238	1.700
6003174130065	600317	4130065	1.09E-05	10.871	1.700
6003274130065	600327	4130065	1.03E-05	10.312	1.700
6003374130065	600337	4130065	1.02E-05	10.168	1.700
6003474130065	600347	4130065	1.03E-05	10.303	1.700
6003574130065	600357	4130065	1.07E-05	10.656	1.700
6003674130065	600367	4130065	1.12E-05	11.204	1.700
6003774130065	600377	4130065	1.20E-05	11.959	1.700
6003874130065	600387	4130065	1.29E-05	12.925	1.700
6003974130065	600397	4130065	1.41E-05	14.124	1.700
6004074130065	600407	4130065	1.56E-05	15.571	1.700
6004174130065	600417	4130065	1.73E-05	17.259	1.700

6004274130065	600427	4130065	1.93E-05	19.282	1.700
6004374130065	600437	4130065	2.15E-05	21.509	1.700
6004474130065	600447	4130065	2.38E-05	23.846	1.700
6004574130065	600457	4130065	2.60E-05	26.029	1.700
6004674130065	600467	4130065	2.76E-05	27.634	1.700
6004774130065	600477	4130065	2.82E-05	28.194	1.700
6004874130065	600487	4130065	2.74E-05	27.441	1.700
6004974130065	600497	4130065	2.58E-05	25.754	1.700
6005074130065	600507	4130065	2.36E-05	23.628	1.700
6005174130065	600517	4130065	2.12E-05	21.217	1.700
6005274130065	600527	4130065	1.87E-05	18.693	1.700
6005374130065	600537	4130065	1.62E-05	16.226	1.700
6005474130065	600547	4130065	1.41E-05	14.134	1.700
6005574130065	600557	4130065	1.25E-05	12.544	1.700
6005674130065	600567	4130065	1.14E-05	11.351	1.700
6005774130065	600577	4130065	1.04E-05	10.432	1.700
6005874130065	600587	4130065	9.70E-06	9.701	1.700
6005974130065	600597	4130065	9.11E-06	9.112	1.700
6006074130065	600607	4130065	8.63E-06	8.630	1.700
6006174130065	600617	4130065	8.23E-06	8.229	1.700
6006274130065	600627	4130065	7.93E-06	7.926	1.700
6006374130065	600637	4130065	7.71E-06	7.709	1.700
6006474130065	600647	4130065	7.57E-06	7.572	1.700
6006574130065	600657	4130065	7.51E-06	7.513	1.700
6006674130065	600667	4130065	7.53E-06	7.531	1.700
6006774130065	600677	4130065	7.64E-06	7.644	1.700
6006874130065	600687	4130065	7.88E-06	7.879	1.700
6006974130065	600697	4130065	8.27E-06	8.266	1.700
6007074130065	600707	4130065	8.88E-06	8.885	1.700
6007174130065	600717	4130065	9.82E-06	9.820	1.700
6007274130065	600727	4130065	1.01E-05	10.114	1.700
6007374130065	600737	4130065	7.70E-06	7.700	1.700
6007474130065	600747	4130065	9.18E-06	9.183	1.700
6007574130065	600757	4130065	8.59E-06	8.593	1.700
6007674130065	600767	4130065	6.97E-06	6.974	1.700
6007774130065	600777	4130065	5.99E-06	5.995	1.700
6007874130065	600787	4130065	5.32E-06	5.317	1.700
6007974130065	600797	4130065	4.81E-06	4.806	1.700
6008074130065	600807	4130065	4.40E-06	4.402	1.700
6008174130065	600817	4130065	4.07E-06	4.068	1.700
6008274130065	600827	4130065	3.79E-06	3.788	1.700
6008374130065	600837	4130065	3.55E-06	3.547	1.700
6008474130065	600847	4130065	3.34E-06	3.336	1.700
6008574130065	600857	4130065	3.15E-06	3.147	1.700
6008674130065	600867	4130065	2.98E-06	2.979	1.700
6008774130065	600877	4130065	2.83E-06	2.829	1.700
6008874130065	600887	4130065	2.69E-06	2.691	1.700
6008974130065	600897	4130065	2.57E-06	2.565	1.700
6009074130065	600907	4130065	2.45E-06	2.448	1.700
6001774130075	600177	4130075	6.83E-06	6.827	1.700
6001874130075	600187	4130075	6.72E-06	6.718	1.700
6001974130075	600197	4130075	8.41E-06	8.414	1.700
6002074130075	600207	4130075	8.26E-06	8.255	1.700
6002174130075	600217	4130075	7.27E-06	7.274	1.700
6002274130075	600227	4130075	6.81E-06	6.811	1.700

6002374130075	600237	4130075	6.69E-06	6.687	1.700
6002474130075	600247	4130075	6.83E-06	6.832	1.700
6002574130075	600257	4130075	7.21E-06	7.209	1.700
6002674130075	600267	4130075	7.82E-06	7.822	1.700
6002774130075	600277	4130075	8.74E-06	8.739	1.700
6002874130075	600287	4130075	1.01E-05	10.127	1.700
6002974130075	600297	4130075	8.89E-06	8.886	1.700
6003074130075	600307	4130075	8.33E-06	8.326	1.700
6003174130075	600317	4130075	9.51E-06	9.507	1.700
6003274130075	600327	4130075	1.17E-05	11.668	1.700
6003374130075	600337	4130075	1.11E-05	11.122	1.700
6003474130075	600347	4130075	1.10E-05	11.008	1.700
6003574130075	600357	4130075	1.12E-05	11.187	1.700
6003674130075	600367	4130075	1.16E-05	11.591	1.700
6003774130075	600377	4130075	1.22E-05	12.202	1.700
6003874130075	600387	4130075	1.30E-05	13.018	1.700
6003974130075	600397	4130075	1.40E-05	14.025	1.700
6004074130075	600407	4130075	1.52E-05	15.189	1.700
6004174130075	600417	4130075	1.66E-05	16.573	1.700
6004274130075	600427	4130075	1.81E-05	18.078	1.700
6004374130075	600437	4130075	1.97E-05	19.657	1.700
6004474130075	600447	4130075	2.12E-05	21.157	1.700
6004574130075	600457	4130075	2.24E-05	22.379	1.700
6004674130075	600467	4130075	2.31E-05	23.087	1.700
6004774130075	600477	4130075	2.31E-05	23.085	1.700
6004874130075	600487	4130075	2.23E-05	22.347	1.700
6004974130075	600497	4130075	2.11E-05	21.130	1.700
6005074130075	600507	4130075	1.96E-05	19.600	1.700
6005174130075	600517	4130075	1.78E-05	17.800	1.700
6005274130075	600527	4130075	1.58E-05	15.821	1.700
6005374130075	600537	4130075	1.39E-05	13.871	1.700
6005474130075	600547	4130075	1.22E-05	12.223	1.700
6005574130075	600557	4130075	1.09E-05	10.927	1.700
6005674130075	600567	4130075	9.93E-06	9.929	1.700
6005774130075	600577	4130075	9.15E-06	9.150	1.700
6005874130075	600587	4130075	8.54E-06	8.539	1.700
6005974130075	600597	4130075	8.06E-06	8.056	1.700
6006074130075	600607	4130075	7.67E-06	7.668	1.700
6006174130075	600617	4130075	7.35E-06	7.352	1.700
6006274130075	600627	4130075	7.12E-06	7.121	1.700
6006374130075	600637	4130075	6.97E-06	6.968	1.700
6006474130075	600647	4130075	6.88E-06	6.885	1.700
6006574130075	600657	4130075	6.87E-06	6.874	1.700
6006674130075	600667	4130075	6.94E-06	6.936	1.700
6006774130075	600677	4130075	7.09E-06	7.093	1.700
6006874130075	600687	4130075	7.37E-06	7.373	1.700
6006974130075	600697	4130075	7.81E-06	7.813	1.700
6007074130075	600707	4130075	8.50E-06	8.498	1.700
6007174130075	600717	4130075	9.69E-06	9.692	1.700
6007274130075	600727	4130075	8.81E-06	8.814	1.700
6007374130075	600737	4130075	7.65E-06	7.647	1.700
6007474130075	600747	4130075	9.13E-06	9.133	1.700
6007574130075	600757	4130075	7.89E-06	7.890	1.700
6007674130075	600767	4130075	6.51E-06	6.514	1.700
6007774130075	600777	4130075	5.64E-06	5.640	1.700



6007874130075	600787	4130075	5.02E-06	5.023	1.700
6007974130075	600797	4130075	4.55E-06	4.547	1.700
6008074130075	600807	4130075	4.17E-06	4.171	1.700
6008174130075	600817	4130075	3.86E-06	3.862	1.700
6008274130075	600827	4130075	3.60E-06	3.598	1.700
6008374130075	600837	4130075	3.37E-06	3.372	1.700
6008474130075	600847	4130075	3.17E-06	3.174	1.700
6008574130075	600857	4130075	3.00E-06	2.998	1.700
6008674130075	600867	4130075	2.84E-06	2.840	1.700
6008774130075	600877	4130075	2.70E-06	2.697	1.700
6008874130075	600887	4130075	2.57E-06	2.568	1.700
6008974130075	600897	4130075	2.45E-06	2.451	1.700
6001774130085	600177	4130085	5.02E-06	5.021	1.700
6001874130085	600187	4130085	6.55E-06	6.546	1.700
6001974130085	600197	4130085	8.05E-06	8.047	1.700
6002074130085	600207	4130085	6.96E-06	6.961	1.700
6002174130085	600217	4130085	6.41E-06	6.410	1.700
6002274130085	600227	4130085	6.17E-06	6.174	1.700
6002374130085	600237	4130085	6.17E-06	6.172	1.700
6002474130085	600247	4130085	6.34E-06	6.344	1.700
6002574130085	600257	4130085	6.68E-06	6.678	1.700
6002674130085	600267	4130085	7.19E-06	7.191	1.700
6002774130085	600277	4130085	7.89E-06	7.890	1.700
6002874130085	600287	4130085	8.85E-06	8.853	1.700
6002974130085	600297	4130085	1.02E-05	10.233	1.700
6003074130085	600307	4130085	9.07E-06	9.070	1.700
6003174130085	600317	4130085	9.73E-06	9.728	1.700
6003274130085	600327	4130085	1.04E-05	10.439	1.700
6003374130085	600337	4130085	1.25E-05	12.480	1.700
6003474130085	600347	4130085	1.19E-05	11.902	1.700
6003574130085	600357	4130085	1.18E-05	11.792	1.700
6003674130085	600367	4130085	1.20E-05	11.979	1.700
6003774130085	600377	4130085	1.24E-05	12.394	1.700
6003874130085	600387	4130085	1.30E-05	13.000	1.700
6003974130085	600397	4130085	1.38E-05	13.775	1.700
6004074130085	600407	4130085	1.47E-05	14.693	1.700
6004174130085	600417	4130085	1.57E-05	15.711	1.700
6004274130085	600427	4130085	1.68E-05	16.783	1.700
6004374130085	600437	4130085	1.78E-05	17.826	1.700
6004474130085	600447	4130085	1.87E-05	18.717	1.700
6004574130085	600457	4130085	1.93E-05	19.349	1.700
6004674130085	600467	4130085	1.96E-05	19.565	1.700
6004774130085	600477	4130085	1.93E-05	19.301	1.700
6004874130085	600487	4130085	1.86E-05	18.632	1.700
6004974130085	600497	4130085	1.77E-05	17.686	1.700
6005074130085	600507	4130085	1.65E-05	16.512	1.700
6005174130085	600517	4130085	1.51E-05	15.126	1.700
6005274130085	600527	4130085	1.36E-05	13.592	1.700
6005374130085	600537	4130085	1.21E-05	12.086	1.700
6005474130085	600547	4130085	1.08E-05	10.770	1.700
6005574130085	600557	4130085	9.71E-06	9.706	1.700
6005674130085	600567	4130085	8.87E-06	8.869	1.700
6005774130085	600577	4130085	8.21E-06	8.212	1.700
6005874130085	600587	4130085	7.68E-06	7.681	1.700
6005974130085	600597	4130085	7.29E-06	7.286	1.700

6006074130085	600607	4130085	6.97E-06	6.971	1.700
6006174130085	600617	4130085	6.73E-06	6.728	1.700
6006274130085	600627	4130085	6.55E-06	6.549	1.700
6006374130085	600637	4130085	6.44E-06	6.443	1.700
6006474130085	600647	4130085	6.41E-06	6.411	1.700
6006574130085	600657	4130085	6.45E-06	6.447	1.700
6006674130085	600667	4130085	6.57E-06	6.567	1.700
6006774130085	600677	4130085	6.80E-06	6.800	1.700
6006874130085	600687	4130085	7.19E-06	7.188	1.700
6006974130085	600697	4130085	7.81E-06	7.810	1.700
6007074130085	600707	4130085	8.90E-06	8.902	1.700
6007174130085	600717	4130085	8.39E-06	8.385	1.700
6007274130085	600727	4130085	8.71E-06	8.714	1.700
6007374130085	600737	4130085	9.56E-06	9.563	1.700
6007474130085	600747	4130085	8.63E-06	8.627	1.700
6007574130085	600757	4130085	7.01E-06	7.005	1.700
6007674130085	600767	4130085	5.96E-06	5.960	1.700
6007774130085	600777	4130085	5.24E-06	5.238	1.700
6007874130085	600787	4130085	4.70E-06	4.702	1.700
6007974130085	600797	4130085	4.28E-06	4.279	1.700
6008074130085	600807	4130085	3.94E-06	3.937	1.700
6008174130085	600817	4130085	3.65E-06	3.653	1.700
6008274130085	600827	4130085	3.41E-06	3.410	1.700
6008374130085	600837	4130085	3.20E-06	3.200	1.700
6008474130085	600847	4130085	3.02E-06	3.017	1.700
6008574130085	600857	4130085	2.85E-06	2.853	1.700
6008674130085	600867	4130085	2.71E-06	2.706	1.700
6008774130085	600877	4130085	2.57E-06	2.572	1.700
6008874130085	600887	4130085	2.45E-06	2.450	1.700
6008974130085	600897	4130085	2.34E-06	2.339	1.700
6001874130095	600187	4130095	7.63E-06	7.628	1.700
6001974130095	600197	4130095	6.54E-06	6.536	1.700
6002074130095	600207	4130095	6.00E-06	5.998	1.700
6002174130095	600217	4130095	5.73E-06	5.731	1.700
6002274130095	600227	4130095	5.67E-06	5.672	1.700
6002374130095	600237	4130095	5.76E-06	5.756	1.700
6002474130095	600247	4130095	5.96E-06	5.960	1.700
6002574130095	600257	4130095	6.29E-06	6.288	1.700
6002674130095	600267	4130095	6.73E-06	6.727	1.700
6002774130095	600277	4130095	7.29E-06	7.290	1.700
6002874130095	600287	4130095	8.03E-06	8.031	1.700
6002974130095	600297	4130095	9.01E-06	9.007	1.700
6003074130095	600307	4130095	1.04E-05	10.357	1.700
6003174130095	600317	4130095	1.06E-05	10.621	1.700
6003274130095	600327	4130095	1.02E-05	10.170	1.700
6003374130095	600337	4130095	1.06E-05	10.575	1.700
6003474130095	600347	4130095	1.33E-05	13.252	1.700
6003574130095	600357	4130095	1.26E-05	12.611	1.700
6003674130095	600367	4130095	1.25E-05	12.454	1.700
6003774130095	600377	4130095	1.26E-05	12.595	1.700
6003874130095	600387	4130095	1.30E-05	12.956	1.700
6003974130095	600397	4130095	1.35E-05	13.483	1.700
6004074130095	600407	4130095	1.41E-05	14.137	1.700
6004174130095	600417	4130095	1.48E-05	14.823	1.700
6004274130095	600427	4130095	1.55E-05	15.525	1.700

6004374130095	600437	4130095	1.62E-05	16.154	1.700
6004474130095	600447	4130095	1.66E-05	16.644	1.700
6004574130095	600457	4130095	1.69E-05	16.889	1.700
6004674130095	600467	4130095	1.68E-05	16.819	1.700
6004774130095	600477	4130095	1.65E-05	16.459	1.700
6004874130095	600487	4130095	1.59E-05	15.863	1.700
6004974130095	600497	4130095	1.51E-05	15.088	1.700
6005074130095	600507	4130095	1.42E-05	14.168	1.700
6005174130095	600517	4130095	1.31E-05	13.071	1.700
6005274130095	600527	4130095	1.19E-05	11.883	1.700
6005374130095	600537	4130095	1.07E-05	10.708	1.700
6005474130095	600547	4130095	9.65E-06	9.652	1.700
6005574130095	600557	4130095	8.76E-06	8.761	1.700
6005674130095	600567	4130095	8.05E-06	8.047	1.700
6005774130095	600577	4130095	7.49E-06	7.489	1.700
6005874130095	600587	4130095	7.05E-06	7.047	1.700
6005974130095	600597	4130095	6.71E-06	6.708	1.700
6006074130095	600607	4130095	6.45E-06	6.451	1.700
6006174130095	600617	4130095	6.26E-06	6.264	1.700
6006274130095	600627	4130095	6.14E-06	6.137	1.700
6006374130095	600637	4130095	6.08E-06	6.081	1.700
6006474130095	600647	4130095	6.10E-06	6.100	1.700
6006574130095	600657	4130095	6.20E-06	6.197	1.700
6006674130095	600667	4130095	6.40E-06	6.405	1.700
6006774130095	600677	4130095	6.76E-06	6.762	1.700
6006874130095	600687	4130095	7.35E-06	7.346	1.700
6006974130095	600697	4130095	8.37E-06	8.372	1.700
6007074130095	600707	4130095	7.82E-06	7.817	1.700
6007174130095	600717	4130095	7.33E-06	7.334	1.700
6007274130095	600727	4130095	9.93E-06	9.933	1.700
6007374130095	600737	4130095	9.01E-06	9.009	1.700
6007474130095	600747	4130095	7.37E-06	7.367	1.700
6007574130095	600757	4130095	6.24E-06	6.241	1.700
6007674130095	600767	4130095	5.44E-06	5.437	1.700
6007774130095	600777	4130095	4.85E-06	4.846	1.700
6007874130095	600787	4130095	4.39E-06	4.388	1.700
6007974130095	600797	4130095	4.02E-06	4.018	1.700
6008074130095	600807	4130095	3.71E-06	3.710	1.700
6008174130095	600817	4130095	3.45E-06	3.451	1.700
6008274130095	600827	4130095	3.23E-06	3.230	1.700
6008374130095	600837	4130095	3.04E-06	3.037	1.700
6008474130095	600847	4130095	2.87E-06	2.866	1.700
6008574130095	600857	4130095	2.71E-06	2.714	1.700
6008674130095	600867	4130095	2.58E-06	2.578	1.700
6008774130095	600877	4130095	2.45E-06	2.453	1.700
6008874130095	600887	4130095	2.34E-06	2.339	1.700
6008974130095	600897	4130095	2.23E-06	2.234	1.700
6001874130105	600187	4130105	5.87E-06	5.871	1.700
6001974130105	600197	4130105	5.48E-06	5.483	1.700
6002074130105	600207	4130105	5.28E-06	5.282	1.700
6002174130105	600217	4130105	5.23E-06	5.226	1.700
6002274130105	600227	4130105	5.28E-06	5.281	1.700
6002374130105	600237	4130105	5.42E-06	5.424	1.700
6002474130105	600247	4130105	5.65E-06	5.654	1.700
6002574130105	600257	4130105	5.97E-06	5.973	1.700

6002674130105	600267	4130105	6.36E-06	6.361	1.700
6002774130105	600277	4130105	6.84E-06	6.842	1.700
6002874130105	600287	4130105	7.45E-06	7.453	1.700
6002974130105	600297	4130105	8.22E-06	8.216	1.700
6003074130105	600307	4130105	9.20E-06	9.204	1.700
6003174130105	600317	4130105	1.05E-05	10.521	1.700
6003274130105	600327	4130105	9.73E-06	9.729	1.700
6003374130105	600337	4130105	1.06E-05	10.583	1.700
6003474130105	600347	4130105	1.15E-05	11.518	1.700
6003574130105	600357	4130105	1.39E-05	13.942	1.700
6003674130105	600367	4130105	1.31E-05	13.146	1.700
6003774130105	600377	4130105	1.29E-05	12.926	1.700
6003874130105	600387	4130105	1.30E-05	12.979	1.700
6003974130105	600397	4130105	1.33E-05	13.257	1.700
6004074130105	600407	4130105	1.36E-05	13.599	1.700
6004174130105	600417	4130105	1.40E-05	13.998	1.700
6004274130105	600427	4130105	1.44E-05	14.388	1.700
6004374130105	600437	4130105	1.47E-05	14.717	1.700
6004474130105	600447	4130105	1.49E-05	14.915	1.700
6004574130105	600457	4130105	1.49E-05	14.910	1.700
6004674130105	600467	4130105	1.47E-05	14.690	1.700
6004774130105	600477	4130105	1.43E-05	14.299	1.700
6004874130105	600487	4130105	1.38E-05	13.764	1.700
6004974130105	600497	4130105	1.31E-05	13.120	1.700
6005074130105	600507	4130105	1.24E-05	12.352	1.700
6005174130105	600517	4130105	1.15E-05	11.485	1.700
6005274130105	600527	4130105	1.06E-05	10.555	1.700
6005374130105	600537	4130105	9.63E-06	9.629	1.700
6005474130105	600547	4130105	8.77E-06	8.767	1.700
6005574130105	600557	4130105	8.02E-06	8.023	1.700
6005674130105	600567	4130105	7.41E-06	7.412	1.700
6005774130105	600577	4130105	6.93E-06	6.931	1.700
6005874130105	600587	4130105	6.56E-06	6.557	1.700
6005974130105	600597	4130105	6.27E-06	6.266	1.700
6006074130105	600607	4130105	6.06E-06	6.062	1.700
6006174130105	600617	4130105	5.92E-06	5.921	1.700
6006274130105	600627	4130105	5.85E-06	5.848	1.700
6006374130105	600637	4130105	5.85E-06	5.851	1.700
6006474130105	600647	4130105	5.93E-06	5.933	1.700
6006574130105	600657	4130105	6.12E-06	6.116	1.700
6006674130105	600667	4130105	6.45E-06	6.445	1.700
6006774130105	600677	4130105	7.00E-06	6.997	1.700
6006874130105	600687	4130105	7.97E-06	7.968	1.700
6006974130105	600697	4130105	8.55E-06	8.555	1.700
6007074130105	600707	4130105	8.26E-06	8.258	1.700
6007174130105	600717	4130105	8.39E-06	8.394	1.700
6007274130105	600727	4130105	9.22E-06	9.218	1.700
6007374130105	600737	4130105	7.57E-06	7.570	1.700
6007474130105	600747	4130105	6.45E-06	6.448	1.700
6007574130105	600757	4130105	5.61E-06	5.610	1.700
6007674130105	600767	4130105	4.97E-06	4.973	1.700
6007774130105	600777	4130105	4.48E-06	4.480	1.700
6007874130105	600787	4130105	4.09E-06	4.089	1.700
6007974130105	600797	4130105	3.77E-06	3.769	1.700
6008074130105	600807	4130105	3.50E-06	3.496	1.700

6008174130105	600817	4130105	3.26E-06	3.261	1.700
6008274130105	600827	4130105	3.06E-06	3.059	1.700
6008374130105	600837	4130105	2.88E-06	2.882	1.700
6008474130105	600847	4130105	2.72E-06	2.724	1.700
6008574130105	600857	4130105	2.58E-06	2.583	1.700
6008674130105	600867	4130105	2.46E-06	2.456	1.700
6008774130105	600877	4130105	2.34E-06	2.339	1.700
6008874130105	600887	4130105	2.23E-06	2.232	1.700
6001874130115	600187	4130115	4.88E-06	4.877	1.700
6001974130115	600197	4130115	4.80E-06	4.804	1.700
6002074130115	600207	4130115	4.80E-06	4.798	1.700
6002174130115	600217	4130115	4.86E-06	4.861	1.700
6002274130115	600227	4130115	4.98E-06	4.985	1.700
6002374130115	600237	4130115	5.16E-06	5.164	1.700
6002474130115	600247	4130115	5.41E-06	5.405	1.700
6002574130115	600257	4130115	5.70E-06	5.702	1.700
6002674130115	600267	4130115	6.06E-06	6.059	1.700
6002774130115	600277	4130115	6.49E-06	6.493	1.700
6002874130115	600287	4130115	7.01E-06	7.013	1.700
6002974130115	600297	4130115	7.64E-06	7.639	1.700
6003074130115	600307	4130115	8.42E-06	8.424	1.700
6003174130115	600317	4130115	9.39E-06	9.388	1.700
6003274130115	600327	4130115	1.07E-05	10.658	1.700
6003374130115	600337	4130115	1.10E-05	11.032	1.700
6003474130115	600347	4130115	1.08E-05	10.787	1.700
6003574130115	600357	4130115	1.13E-05	11.324	1.700
6003674130115	600367	4130115	1.28E-05	12.805	1.700
6003774130115	600377	4130115	1.36E-05	13.563	1.700
6003874130115	600387	4130115	1.32E-05	13.217	1.700
6003974130115	600397	4130115	1.31E-05	13.113	1.700
6004074130115	600407	4130115	1.32E-05	13.163	1.700
6004174130115	600417	4130115	1.33E-05	13.290	1.700
6004274130115	600427	4130115	1.34E-05	13.425	1.700
6004374130115	600437	4130115	1.35E-05	13.515	1.700
6004474130115	600447	4130115	1.35E-05	13.499	1.700
6004574130115	600457	4130115	1.33E-05	13.341	1.700
6004674130115	600467	4130115	1.31E-05	13.050	1.700
6004774130115	600477	4130115	1.26E-05	12.649	1.700
6004874130115	600487	4130115	1.22E-05	12.160	1.700
6004974130115	600497	4130115	1.16E-05	11.594	1.700
6005074130115	600507	4130115	1.10E-05	10.955	1.700
6005174130115	600517	4130115	1.03E-05	10.254	1.700
6005274130115	600527	4130115	9.51E-06	9.512	1.700
6005374130115	600537	4130115	8.77E-06	8.768	1.700
6005474130115	600547	4130115	8.06E-06	8.064	1.700
6005574130115	600557	4130115	7.44E-06	7.442	1.700
6005674130115	600567	4130115	6.92E-06	6.921	1.700
6005774130115	600577	4130115	6.50E-06	6.504	1.700
6005874130115	600587	4130115	6.18E-06	6.177	1.700
6005974130115	600597	4130115	5.93E-06	5.929	1.700
6006074130115	600607	4130115	5.77E-06	5.770	1.700
6006174130115	600617	4130115	5.68E-06	5.683	1.700
6006274130115	600627	4130115	5.67E-06	5.665	1.700
6006374130115	600637	4130115	5.73E-06	5.733	1.700
6006474130115	600647	4130115	5.90E-06	5.901	1.700

6006574130115	600657	4130115	6.21E-06	6.205	1.700
6006674130115	600667	4130115	6.72E-06	6.723	1.700
6006774130115	600677	4130115	7.63E-06	7.630	1.700
6006874130115	600687	4130115	7.24E-06	7.235	1.700
6006974130115	600697	4130115	8.18E-06	8.183	1.700
6007074130115	600707	4130115	8.19E-06	8.192	1.700
6007174130115	600717	4130115	9.39E-06	9.393	1.700
6007274130115	600727	4130115	7.69E-06	7.686	1.700
6007374130115	600737	4130115	6.56E-06	6.564	1.700
6007474130115	600747	4130115	5.74E-06	5.736	1.700
6007574130115	600757	4130115	5.09E-06	5.085	1.700
6007674130115	600767	4130115	4.57E-06	4.568	1.700
6007774130115	600777	4130115	4.16E-06	4.155	1.700
6007874130115	600787	4130115	3.82E-06	3.816	1.700
6007974130115	600797	4130115	3.53E-06	3.534	1.700
6008074130115	600807	4130115	3.29E-06	3.294	1.700
6008174130115	600817	4130115	3.08E-06	3.084	1.700
6008274130115	600827	4130115	2.90E-06	2.899	1.700
6008374130115	600837	4130115	2.74E-06	2.736	1.700
6008474130115	600847	4130115	2.59E-06	2.590	1.700
6008574130115	600857	4130115	2.46E-06	2.460	1.700
6008674130115	600867	4130115	2.34E-06	2.341	1.700
6008774130115	600877	4130115	2.23E-06	2.232	1.700
6008874130115	600887	4130115	2.13E-06	2.131	1.700
6001974130125	600197	4130125	4.39E-06	4.387	1.700
6002074130125	600207	4130125	4.48E-06	4.476	1.700
6002174130125	600217	4130125	4.60E-06	4.598	1.700
6002274130125	600227	4130125	4.76E-06	4.757	1.700
6002374130125	600237	4130125	4.95E-06	4.954	1.700
6002474130125	600247	4130125	5.19E-06	5.194	1.700
6002574130125	600257	4130125	5.48E-06	5.478	1.700
6002674130125	600267	4130125	5.81E-06	5.814	1.700
6002774130125	600277	4130125	6.20E-06	6.205	1.700
6002874130125	600287	4130125	6.66E-06	6.660	1.700
6002974130125	600297	4130125	7.20E-06	7.201	1.700
6003074130125	600307	4130125	7.83E-06	7.831	1.700
6003174130125	600317	4130125	8.57E-06	8.574	1.700
6003274130125	600327	4130125	9.49E-06	9.493	1.700
6003374130125	600337	4130125	1.07E-05	10.699	1.700
6003474130125	600347	4130125	1.24E-05	12.405	1.700
6003574130125	600357	4130125	1.11E-05	11.060	1.700
6003674130125	600367	4130125	1.06E-05	10.551	1.700
6003774130125	600377	4130125	1.33E-05	13.330	1.700
6003874130125	600387	4130125	1.38E-05	13.789	1.700
6003974130125	600397	4130125	1.32E-05	13.216	1.700
6004074130125	600407	4130125	1.29E-05	12.917	1.700
6004174130125	600417	4130125	1.28E-05	12.763	1.700
6004274130125	600427	4130125	1.27E-05	12.669	1.700
6004374130125	600437	4130125	1.26E-05	12.556	1.700
6004474130125	600447	4130125	1.24E-05	12.376	1.700
6004574130125	600457	4130125	1.21E-05	12.115	1.700
6004674130125	600467	4130125	1.18E-05	11.776	1.700
6004774130125	600477	4130125	1.14E-05	11.374	1.700
6004874130125	600487	4130125	1.09E-05	10.917	1.700
6004974130125	600497	4130125	1.04E-05	10.414	1.700

6005074130125	600507	4130125	9.87E-06	9.875	1.700
6005174130125	600517	4130125	9.29E-06	9.294	1.700
6005274130125	600527	4130125	8.69E-06	8.689	1.700
6005374130125	600537	4130125	8.08E-06	8.082	1.700
6005474130125	600547	4130125	7.50E-06	7.503	1.700
6005574130125	600557	4130125	6.98E-06	6.981	1.700
6005674130125	600567	4130125	6.54E-06	6.536	1.700
6005774130125	600577	4130125	6.18E-06	6.175	1.700
6005874130125	600587	4130125	5.89E-06	5.892	1.700
6005974130125	600597	4130125	5.69E-06	5.689	1.700
6006074130125	600607	4130125	5.57E-06	5.574	1.700
6006174130125	600617	4130125	5.54E-06	5.540	1.700
6006274130125	600627	4130125	5.59E-06	5.591	1.700
6006374130125	600637	4130125	5.73E-06	5.735	1.700
6006474130125	600647	4130125	6.02E-06	6.017	1.700
6006574130125	600657	4130125	6.50E-06	6.502	1.700
6006674130125	600667	4130125	7.34E-06	7.343	1.700
6006774130125	600677	4130125	7.91E-06	7.914	1.700
6006874130125	600687	4130125	7.87E-06	7.874	1.700
6006974130125	600697	4130125	8.18E-06	8.185	1.700
6007074130125	600707	4130125	9.58E-06	9.578	1.700
6007174130125	600717	4130125	7.79E-06	7.789	1.700
6007274130125	600727	4130125	6.64E-06	6.637	1.700
6007374130125	600737	4130125	5.81E-06	5.815	1.700
6007474130125	600747	4130125	5.16E-06	5.160	1.700
6007574130125	600757	4130125	4.64E-06	4.639	1.700
6007674130125	600767	4130125	4.21E-06	4.214	1.700
6007774130125	600777	4130125	3.87E-06	3.866	1.700
6007874130125	600787	4130125	3.57E-06	3.568	1.700
6007974130125	600797	4130125	3.32E-06	3.318	1.700
6008074130125	600807	4130125	3.10E-06	3.103	1.700
6008174130125	600817	4130125	2.92E-06	2.917	1.700
6008274130125	600827	4130125	2.75E-06	2.749	1.700
6008374130125	600837	4130125	2.60E-06	2.598	1.700
6008474130125	600847	4130125	2.46E-06	2.463	1.700
6008574130125	600857	4130125	2.34E-06	2.343	1.700
6008674130125	600867	4130125	2.23E-06	2.232	1.700
6008774130125	600877	4130125	2.13E-06	2.131	1.700
6001974130135	600197	4130135	4.12E-06	4.118	1.700
6002074130135	600207	4130135	4.25E-06	4.249	1.700
6002174130135	600217	4130135	4.40E-06	4.398	1.700
6002274130135	600227	4130135	4.57E-06	4.575	1.700
6002374130135	600237	4130135	4.78E-06	4.777	1.700
6002474130135	600247	4130135	5.01E-06	5.013	1.700
6002574130135	600257	4130135	5.29E-06	5.285	1.700
6002674130135	600267	4130135	5.60E-06	5.596	1.700
6002774130135	600277	4130135	5.95E-06	5.953	1.700
6002874130135	600287	4130135	6.36E-06	6.361	1.700
6002974130135	600297	4130135	6.82E-06	6.820	1.700
6003074130135	600307	4130135	7.34E-06	7.338	1.700
6003174130135	600317	4130135	7.94E-06	7.939	1.700
6003274130135	600327	4130135	8.67E-06	8.666	1.700
6003374130135	600337	4130135	9.56E-06	9.563	1.700
6003474130135	600347	4130135	1.07E-05	10.703	1.700
6003574130135	600357	4130135	1.23E-05	12.266	1.700

6003674130135	600367	4130135	1.09E-05	10.921	1.700
6003774130135	600377	4130135	1.15E-05	11.490	1.700
6003874130135	600387	4130135	1.31E-05	13.069	1.700
6003974130135	600397	4130135	1.38E-05	13.789	1.700
6004074130135	600407	4130135	1.30E-05	12.977	1.700
6004174130135	600417	4130135	1.25E-05	12.495	1.700
6004274130135	600427	4130135	1.22E-05	12.153	1.700
6004374130135	600437	4130135	1.18E-05	11.843	1.700
6004474130135	600447	4130135	1.15E-05	11.525	1.700
6004574130135	600457	4130135	1.12E-05	11.178	1.700
6004674130135	600467	4130135	1.08E-05	10.800	1.700
6004774130135	600477	4130135	1.04E-05	10.390	1.700
6004874130135	600487	4130135	9.96E-06	9.955	1.700
6004974130135	600497	4130135	9.50E-06	9.505	1.700
6005074130135	600507	4130135	9.04E-06	9.036	1.700
6005174130135	600517	4130135	8.54E-06	8.545	1.700
6005274130135	600527	4130135	8.04E-06	8.039	1.700
6005374130135	600537	4130135	7.54E-06	7.536	1.700
6005474130135	600547	4130135	7.06E-06	7.056	1.700
6005574130135	600557	4130135	6.62E-06	6.618	1.700
6005674130135	600567	4130135	6.24E-06	6.238	1.700
6005774130135	600577	4130135	5.93E-06	5.927	1.700
6005874130135	600587	4130135	5.69E-06	5.691	1.700
6005974130135	600597	4130135	5.54E-06	5.535	1.700
6006074130135	600607	4130135	5.47E-06	5.469	1.700
6006174130135	600617	4130135	5.49E-06	5.492	1.700
6006274130135	600627	4130135	5.62E-06	5.621	1.700
6006374130135	600637	4130135	5.88E-06	5.876	1.700
6006474130135	600647	4130135	6.33E-06	6.327	1.700
6006574130135	600657	4130135	7.11E-06	7.105	1.700
6006674130135	600667	4130135	8.60E-06	8.601	1.700
6006774130135	600677	4130135	7.67E-06	7.667	1.700
6006874130135	600687	4130135	8.14E-06	8.140	1.700
6006974130135	600697	4130135	9.78E-06	9.782	1.700
6007074130135	600707	4130135	7.89E-06	7.890	1.700
6007174130135	600717	4130135	6.70E-06	6.700	1.700
6007274130135	600727	4130135	5.86E-06	5.856	1.700
6007374130135	600737	4130135	5.22E-06	5.217	1.700
6007474130135	600747	4130135	4.69E-06	4.689	1.700
6007574130135	600757	4130135	4.26E-06	4.258	1.700
6007674130135	600767	4130135	3.90E-06	3.904	1.700
6007774130135	600777	4130135	3.60E-06	3.604	1.700
6007874130135	600787	4130135	3.34E-06	3.341	1.700
6007974130135	600797	4130135	3.12E-06	3.119	1.700
6008074130135	600807	4130135	2.93E-06	2.926	1.700
6008174130135	600817	4130135	2.76E-06	2.756	1.700
6008274130135	600827	4130135	2.60E-06	2.605	1.700
6008374130135	600837	4130135	2.47E-06	2.468	1.700
6008474130135	600847	4130135	2.34E-06	2.344	1.700
6008574130135	600857	4130135	2.23E-06	2.231	1.700
6008674130135	600867	4130135	2.13E-06	2.129	1.700
6008774130135	600877	4130135	2.04E-06	2.035	1.700
6002074130145	600207	4130145	4.08E-06	4.076	1.700
6002174130145	600217	4130145	4.24E-06	4.241	1.700
6002274130145	600227	4130145	4.42E-06	4.422	1.700



6002374130145	600237	4130145	4.62E-06	4.624	1.700
6002474130145	600247	4130145	4.85E-06	4.851	1.700
6002574130145	600257	4130145	5.11E-06	5.107	1.700
6002674130145	600267	4130145	5.39E-06	5.394	1.700
6002774130145	600277	4130145	5.72E-06	5.718	1.700
6002874130145	600287	4130145	6.08E-06	6.079	1.700
6002974130145	600297	4130145	6.47E-06	6.475	1.700
6003074130145	600307	4130145	6.92E-06	6.919	1.700
6003174130145	600317	4130145	7.43E-06	7.425	1.700
6003274130145	600327	4130145	8.01E-06	8.010	1.700
6003374130145	600337	4130145	8.70E-06	8.702	1.700
6003474130145	600347	4130145	9.54E-06	9.536	1.700
6003574130145	600357	4130145	1.06E-05	10.567	1.700
6003674130145	600367	4130145	1.20E-05	11.989	1.700
6003774130145	600377	4130145	1.21E-05	12.113	1.700
6003874130145	600387	4130145	1.14E-05	11.366	1.700
6003974130145	600397	4130145	1.15E-05	11.467	1.700
6004074130145	600407	4130145	1.36E-05	13.595	1.700
6004174130145	600417	4130145	1.26E-05	12.601	1.700
6004274130145	600427	4130145	1.19E-05	11.933	1.700
6004374130145	600437	4130145	1.14E-05	11.401	1.700
6004474130145	600447	4130145	1.09E-05	10.935	1.700
6004574130145	600457	4130145	1.05E-05	10.500	1.700
6004674130145	600467	4130145	1.01E-05	10.077	1.700
6004774130145	600477	4130145	9.65E-06	9.649	1.700
6004874130145	600487	4130145	9.23E-06	9.227	1.700
6004974130145	600497	4130145	8.81E-06	8.809	1.700
6005074130145	600507	4130145	8.39E-06	8.388	1.700
6005174130145	600517	4130145	7.96E-06	7.961	1.700
6005274130145	600527	4130145	7.53E-06	7.530	1.700
6005374130145	600537	4130145	7.10E-06	7.105	1.700
6005474130145	600547	4130145	6.70E-06	6.703	1.700
6005574130145	600557	4130145	6.33E-06	6.335	1.700
6005674130145	600567	4130145	6.01E-06	6.013	1.700
6005774130145	600577	4130145	5.75E-06	5.752	1.700
6005874130145	600587	4130145	5.57E-06	5.566	1.700
6005974130145	600597	4130145	5.46E-06	5.463	1.700
6006074130145	600607	4130145	5.45E-06	5.451	1.700
6006174130145	600617	4130145	5.54E-06	5.544	1.700
6006274130145	600627	4130145	5.77E-06	5.773	1.700
6006374130145	600637	4130145	6.19E-06	6.191	1.700
6006474130145	600647	4130145	6.92E-06	6.919	1.700
6006574130145	600657	4130145	8.28E-06	8.276	1.700
6006674130145	600667	4130145	7.58E-06	7.575	1.700
6006774130145	600677	4130145	7.97E-06	7.967	1.700
6006874130145	600687	4130145	1.00E-05	10.020	1.700
6006974130145	600697	4130145	8.00E-06	8.000	1.700
6007074130145	600707	4130145	6.76E-06	6.762	1.700
6007174130145	600717	4130145	5.90E-06	5.897	1.700
6007274130145	600727	4130145	5.24E-06	5.241	1.700
6007374130145	600737	4130145	4.72E-06	4.721	1.700
6007474130145	600747	4130145	4.29E-06	4.292	1.700
6007574130145	600757	4130145	3.93E-06	3.926	1.700
6007674130145	600767	4130145	3.62E-06	3.624	1.700
6007774130145	600777	4130145	3.36E-06	3.361	1.700

6007874130145	600787	4130145	3.13E-06	3.133	1.700
6007974130145	600797	4130145	2.94E-06	2.935	1.700
6008074130145	600807	4130145	2.76E-06	2.762	1.700
6008174130145	600817	4130145	2.61E-06	2.607	1.700
6008274130145	600827	4130145	2.47E-06	2.469	1.700
6008374130145	600837	4130145	2.34E-06	2.344	1.700
6008474130145	600847	4130145	2.23E-06	2.230	1.700
6008574130145	600857	4130145	2.13E-06	2.126	1.700
6008674130145	600867	4130145	2.03E-06	2.032	1.700
6002074130155	600207	4130155	3.94E-06	3.942	1.700
6002174130155	600217	4130155	4.11E-06	4.108	1.700
6002274130155	600227	4130155	4.29E-06	4.286	1.700
6002374130155	600237	4130155	4.48E-06	4.481	1.700
6002474130155	600247	4130155	4.70E-06	4.700	1.700
6002574130155	600257	4130155	4.94E-06	4.941	1.700
6002674130155	600267	4130155	5.20E-06	5.205	1.700
6002774130155	600277	4130155	5.50E-06	5.498	1.700
6002874130155	600287	4130155	5.82E-06	5.815	1.700
6002974130155	600297	4130155	6.16E-06	6.161	1.700
6003074130155	600307	4130155	6.55E-06	6.546	1.700
6003174130155	600317	4130155	6.97E-06	6.975	1.700
6003274130155	600327	4130155	7.46E-06	7.455	1.700
6003374130155	600337	4130155	8.01E-06	8.010	1.700
6003474130155	600347	4130155	8.64E-06	8.643	1.700
6003574130155	600357	4130155	9.39E-06	9.387	1.700
6003674130155	600367	4130155	1.04E-05	10.360	1.700
6003774130155	600377	4130155	1.16E-05	11.639	1.700
6003874130155	600387	4130155	1.05E-05	10.519	1.700
6003974130155	600397	4130155	1.10E-05	11.022	1.700
6004074130155	600407	4130155	1.15E-05	11.508	1.700
6004174130155	600417	4130155	1.33E-05	13.324	1.700
6004274130155	600427	4130155	1.21E-05	12.124	1.700
6004374130155	600437	4130155	1.13E-05	11.282	1.700
6004474130155	600447	4130155	1.06E-05	10.619	1.700
6004574130155	600457	4130155	1.01E-05	10.070	1.700
6004674130155	600467	4130155	9.57E-06	9.570	1.700
6004774130155	600477	4130155	9.12E-06	9.116	1.700
6004874130155	600487	4130155	8.69E-06	8.691	1.700
6004974130155	600497	4130155	8.29E-06	8.288	1.700
6005074130155	600507	4130155	7.90E-06	7.899	1.700
6005174130155	600517	4130155	7.52E-06	7.516	1.700
6005274130155	600527	4130155	7.14E-06	7.139	1.700
6005374130155	600537	4130155	6.77E-06	6.773	1.700
6005474130155	600547	4130155	6.43E-06	6.433	1.700
6005574130155	600557	4130155	6.12E-06	6.118	1.700
6005674130155	600567	4130155	5.85E-06	5.850	1.700
6005774130155	600577	4130155	5.64E-06	5.645	1.700
6005874130155	600587	4130155	5.51E-06	5.514	1.700
6005974130155	600597	4130155	5.47E-06	5.467	1.700
6006074130155	600607	4130155	5.52E-06	5.522	1.700
6006174130155	600617	4130155	5.71E-06	5.711	1.700
6006274130155	600627	4130155	6.09E-06	6.088	1.700
6006374130155	600637	4130155	6.76E-06	6.760	1.700
6006474130155	600647	4130155	8.01E-06	8.010	1.700
6006574130155	600657	4130155	7.29E-06	7.285	1.700

6006674130155	600667	4130155	6.72E-06	6.715	1.700
6006774130155	600677	4130155	8.97E-06	8.973	1.700
6006874130155	600687	4130155	8.12E-06	8.119	1.700
6006974130155	600697	4130155	6.82E-06	6.824	1.700
6007074130155	600707	4130155	5.93E-06	5.933	1.700
6007174130155	600717	4130155	5.27E-06	5.268	1.700
6007274130155	600727	4130155	4.74E-06	4.736	1.700
6007374130155	600737	4130155	4.30E-06	4.305	1.700
6007474130155	600747	4130155	3.94E-06	3.943	1.700
6007574130155	600757	4130155	3.63E-06	3.631	1.700
6007674130155	600767	4130155	3.36E-06	3.365	1.700
6007774130155	600777	4130155	3.14E-06	3.137	1.700
6007874130155	600787	4130155	2.94E-06	2.940	1.700
6007974130155	600797	4130155	2.76E-06	2.764	1.700
6008074130155	600807	4130155	2.61E-06	2.608	1.700
6008174130155	600817	4130155	2.47E-06	2.469	1.700
6008274130155	600827	4130155	2.34E-06	2.342	1.700
6008374130155	600837	4130155	2.23E-06	2.226	1.700
6008474130155	600847	4130155	2.12E-06	2.121	1.700
6008574130155	600857	4130155	2.02E-06	2.025	1.700
6008674130155	600867	4130155	1.94E-06	1.939	1.700
6002174130165	600217	4130165	3.99E-06	3.989	1.700
6002274130165	600227	4130165	4.16E-06	4.161	1.700
6002374130165	600237	4130165	4.35E-06	4.347	1.700
6002474130165	600247	4130165	4.55E-06	4.555	1.700
6002574130165	600257	4130165	4.78E-06	4.780	1.700
6002674130165	600267	4130165	5.02E-06	5.023	1.700
6002774130165	600277	4130165	5.28E-06	5.285	1.700
6002874130165	600287	4130165	5.57E-06	5.567	1.700
6002974130165	600297	4130165	5.87E-06	5.873	1.700
6003074130165	600307	4130165	6.21E-06	6.207	1.700
6003174130165	600317	4130165	6.57E-06	6.574	1.700
6003274130165	600327	4130165	6.98E-06	6.979	1.700
6003374130165	600337	4130165	7.43E-06	7.425	1.700
6003474130165	600347	4130165	7.92E-06	7.915	1.700
6003574130165	600357	4130165	8.50E-06	8.503	1.700
6003674130165	600367	4130165	9.19E-06	9.185	1.700
6003774130165	600377	4130165	1.00E-05	10.030	1.700
6003874130165	600387	4130165	1.12E-05	11.166	1.700
6003974130165	600397	4130165	1.12E-05	11.244	1.700
6004074130165	600407	4130165	1.05E-05	10.543	1.700
6004174130165	600417	4130165	1.06E-05	10.587	1.700
6004274130165	600427	4130165	1.30E-05	12.994	1.700
6004374130165	600437	4130165	1.16E-05	11.609	1.700
6004474130165	600447	4130165	1.06E-05	10.646	1.700
6004574130165	600457	4130165	9.90E-06	9.897	1.700
6004674130165	600467	4130165	9.29E-06	9.287	1.700
6004774130165	600477	4130165	8.78E-06	8.778	1.700
6004874130165	600487	4130165	8.33E-06	8.330	1.700
6004974130165	600497	4130165	7.92E-06	7.922	1.700
6005074130165	600507	4130165	7.54E-06	7.543	1.700
6005174130165	600517	4130165	7.19E-06	7.187	1.700
6005274130165	600527	4130165	6.85E-06	6.849	1.700
6005374130165	600537	4130165	6.53E-06	6.530	1.700
6005474130165	600547	4130165	6.23E-06	6.232	1.700

6005574130165	600557	4130165	5.97E-06	5.966	1.700
6005674130165	600567	4130165	5.75E-06	5.750	1.700
6005774130165	600577	4130165	5.60E-06	5.601	1.700
6005874130165	600587	4130165	5.53E-06	5.531	1.700
6005974130165	600597	4130165	5.55E-06	5.555	1.700
6006074130165	600607	4130165	5.70E-06	5.703	1.700
6006174130165	600617	4130165	6.03E-06	6.031	1.700
6006274130165	600627	4130165	6.64E-06	6.638	1.700
6006374130165	600637	4130165	7.78E-06	7.779	1.700
6006474130165	600647	4130165	7.35E-06	7.349	1.700
6006574130165	600657	4130165	7.81E-06	7.805	1.700
6006674130165	600667	4130165	8.90E-06	8.903	1.700
6006774130165	600677	4130165	8.29E-06	8.293	1.700
6006874130165	600687	4130165	6.89E-06	6.890	1.700
6006974130165	600697	4130165	5.97E-06	5.970	1.700
6007074130165	600707	4130165	5.28E-06	5.284	1.700
6007174130165	600717	4130165	4.75E-06	4.749	1.700
6007274130165	600727	4130165	4.31E-06	4.308	1.700
6007374130165	600737	4130165	3.95E-06	3.947	1.700
6007474130165	600747	4130165	3.64E-06	3.638	1.700
6007574130165	600757	4130165	3.37E-06	3.372	1.700
6007674130165	600767	4130165	3.14E-06	3.141	1.700
6007774130165	600777	4130165	2.94E-06	2.937	1.700
6007874130165	600787	4130165	2.76E-06	2.759	1.700
6007974130165	600797	4130165	2.60E-06	2.604	1.700
6008074130165	600807	4130165	2.46E-06	2.463	1.700
6008174130165	600817	4130165	2.34E-06	2.337	1.700
6008274130165	600827	4130165	2.22E-06	2.220	1.700
6008374130165	600837	4130165	2.11E-06	2.114	1.700
6008474130165	600847	4130165	2.02E-06	2.017	1.700
6008574130165	600857	4130165	1.93E-06	1.929	1.700
6002174130175	600217	4130175	3.87E-06	3.873	1.700
6002274130175	600227	4130175	4.04E-06	4.042	1.700
6002374130175	600237	4130175	4.22E-06	4.222	1.700
6002474130175	600247	4130175	4.41E-06	4.415	1.700
6002574130175	600257	4130175	4.62E-06	4.623	1.700
6002674130175	600267	4130175	4.84E-06	4.844	1.700
6002774130175	600277	4130175	5.08E-06	5.080	1.700
6002874130175	600287	4130175	5.33E-06	5.332	1.700
6002974130175	600297	4130175	5.60E-06	5.603	1.700
6003074130175	600307	4130175	5.89E-06	5.893	1.700
6003174130175	600317	4130175	6.21E-06	6.209	1.700
6003274130175	600327	4130175	6.55E-06	6.550	1.700
6003374130175	600337	4130175	6.91E-06	6.907	1.700
6003474130175	600347	4130175	7.32E-06	7.316	1.700
6003574130175	600357	4130175	7.76E-06	7.764	1.700
6003674130175	600367	4130175	8.27E-06	8.271	1.700
6003774130175	600377	4130175	8.87E-06	8.871	1.700
6003874130175	600387	4130175	9.62E-06	9.616	1.700
6003974130175	600397	4130175	1.06E-05	10.612	1.700
6004074130175	600407	4130175	1.21E-05	12.109	1.700
6004174130175	600417	4130175	1.01E-05	10.085	1.700
6004274130175	600427	4130175	9.13E-06	9.130	1.700
6004374130175	600437	4130175	1.12E-05	11.235	1.700
6004474130175	600447	4130175	1.11E-05	11.122	1.700

6004574130175	600457	4130175	1.01E-05	10.052	1.700
6004674130175	600467	4130175	9.26E-06	9.259	1.700
6004774130175	600477	4130175	8.64E-06	8.644	1.700
6004874130175	600487	4130175	8.14E-06	8.138	1.700
6004974130175	600497	4130175	7.70E-06	7.697	1.700
6005074130175	600507	4130175	7.31E-06	7.312	1.700
6005174130175	600517	4130175	6.97E-06	6.966	1.700
6005274130175	600527	4130175	6.65E-06	6.651	1.700
6005374130175	600537	4130175	6.36E-06	6.360	1.700
6005474130175	600547	4130175	6.10E-06	6.099	1.700
6005574130175	600557	4130175	5.88E-06	5.880	1.700
6005674130175	600567	4130175	5.72E-06	5.716	1.700
6005774130175	600577	4130175	5.62E-06	5.625	1.700
6005874130175	600587	4130175	5.62E-06	5.623	1.700
6005974130175	600597	4130175	5.74E-06	5.738	1.700
6006074130175	600607	4130175	6.02E-06	6.020	1.700
6006174130175	600617	4130175	6.56E-06	6.564	1.700
6006274130175	600627	4130175	7.60E-06	7.595	1.700
6006374130175	600637	4130175	7.04E-06	7.036	1.700
6006474130175	600647	4130175	8.03E-06	8.028	1.700
6006574130175	600657	4130175	9.21E-06	9.208	1.700
6006674130175	600667	4130175	8.46E-06	8.464	1.700
6006774130175	600677	4130175	6.99E-06	6.994	1.700
6006874130175	600687	4130175	6.02E-06	6.021	1.700
6006974130175	600697	4130175	5.31E-06	5.308	1.700
6007074130175	600707	4130175	4.75E-06	4.755	1.700
6007174130175	600717	4130175	4.31E-06	4.308	1.700
6007274130175	600727	4130175	3.94E-06	3.937	1.700
6007374130175	600737	4130175	3.64E-06	3.637	1.700
6007474130175	600747	4130175	3.37E-06	3.372	1.700
6007574130175	600757	4130175	3.14E-06	3.139	1.700
6007674130175	600767	4130175	2.94E-06	2.935	1.700
6007774130175	600777	4130175	2.75E-06	2.755	1.700
6007874130175	600787	4130175	2.59E-06	2.594	1.700
6007974130175	600797	4130175	2.45E-06	2.453	1.700
6008074130175	600807	4130175	2.33E-06	2.326	1.700
6008174130175	600817	4130175	2.21E-06	2.210	1.700
6008274130175	600827	4130175	2.10E-06	2.104	1.700
6008374130175	600837	4130175	2.01E-06	2.007	1.700
6008474130175	600847	4130175	1.92E-06	1.919	1.700
6008574130175	600857	4130175	1.84E-06	1.838	1.700
6002274130185	600227	4130185	3.93E-06	3.927	1.700
6002374130185	600237	4130185	4.10E-06	4.097	1.700
6002474130185	600247	4130185	4.28E-06	4.278	1.700
6002574130185	600257	4130185	4.47E-06	4.468	1.700
6002674130185	600267	4130185	4.67E-06	4.667	1.700
6002774130185	600277	4130185	4.88E-06	4.881	1.700
6002874130185	600287	4130185	5.11E-06	5.107	1.700
6002974130185	600297	4130185	5.35E-06	5.347	1.700
6003074130185	600307	4130185	5.60E-06	5.601	1.700
6003174130185	600317	4130185	5.87E-06	5.874	1.700
6003274130185	600327	4130185	6.16E-06	6.156	1.700
6003374130185	600337	4130185	6.46E-06	6.456	1.700
6003474130185	600347	4130185	6.78E-06	6.783	1.700
6003574130185	600357	4130185	7.14E-06	7.136	1.700

6003674130185	600367	4130185	7.53E-06	7.526	1.700
6003774130185	600377	4130185	7.97E-06	7.969	1.700
6003874130185	600387	4130185	8.49E-06	8.491	1.700
6003974130185	600397	4130185	9.14E-06	9.139	1.700
6004074130185	600407	4130185	1.00E-05	10.010	1.700
6004174130185	600417	4130185	1.13E-05	11.327	1.700
6004274130185	600427	4130185	9.41E-06	9.413	1.700
6004374130185	600437	4130185	9.50E-06	9.501	1.700
6004474130185	600447	4130185	1.05E-05	10.511	1.700
6004574130185	600457	4130185	1.07E-05	10.685	1.700
6004674130185	600467	4130185	9.56E-06	9.560	1.700
6004774130185	600477	4130185	8.75E-06	8.753	1.700
6004874130185	600487	4130185	8.13E-06	8.126	1.700
6004974130185	600497	4130185	7.62E-06	7.620	1.700
6005074130185	600507	4130185	7.20E-06	7.204	1.700
6005174130185	600517	4130185	6.85E-06	6.848	1.700
6005274130185	600527	4130185	6.53E-06	6.535	1.700
6005374130185	600537	4130185	6.26E-06	6.262	1.700
6005474130185	600547	4130185	6.03E-06	6.033	1.700
6005574130185	600557	4130185	5.86E-06	5.858	1.700
6005674130185	600567	4130185	5.75E-06	5.748	1.700
6005774130185	600577	4130185	5.72E-06	5.721	1.700
6005874130185	600587	4130185	5.80E-06	5.805	1.700
6005974130185	600597	4130185	6.04E-06	6.043	1.700
6006074130185	600607	4130185	6.53E-06	6.527	1.700
6006174130185	600617	4130185	7.46E-06	7.455	1.700
6006274130185	600627	4130185	8.05E-06	8.045	1.700
6006374130185	600637	4130185	7.71E-06	7.711	1.700
6006474130185	600647	4130185	7.80E-06	7.795	1.700
6006574130185	600657	4130185	8.66E-06	8.660	1.700
6006674130185	600667	4130185	7.11E-06	7.108	1.700
6006774130185	600677	4130185	6.08E-06	6.082	1.700
6006874130185	600687	4130185	5.34E-06	5.340	1.700
6006974130185	600697	4130185	4.77E-06	4.769	1.700
6007074130185	600707	4130185	4.31E-06	4.310	1.700
6007174130185	600717	4130185	3.94E-06	3.937	1.700
6007274130185	600727	4130185	3.62E-06	3.620	1.700
6007374130185	600737	4130185	3.36E-06	3.358	1.700
6007474130185	600747	4130185	3.13E-06	3.130	1.700
6007574130185	600757	4130185	2.93E-06	2.928	1.700
6007674130185	600767	4130185	2.75E-06	2.746	1.700
6007774130185	600777	4130185	2.58E-06	2.584	1.700
6007874130185	600787	4130185	2.44E-06	2.441	1.700
6007974130185	600797	4130185	2.31E-06	2.313	1.700
6008074130185	600807	4130185	2.20E-06	2.196	1.700
6008174130185	600817	4130185	2.09E-06	2.091	1.700
6008274130185	600827	4130185	1.99E-06	1.994	1.700
6008374130185	600837	4130185	1.91E-06	1.906	1.700
6008474130185	600847	4130185	1.82E-06	1.825	1.700
6002374130195	600237	4130195	3.97E-06	3.972	1.700
6002474130195	600247	4130195	4.14E-06	4.140	1.700
6002574130195	600257	4130195	4.31E-06	4.315	1.700
6002674130195	600267	4130195	4.50E-06	4.496	1.700
6002774130195	600277	4130195	4.69E-06	4.687	1.700
6002874130195	600287	4130195	4.89E-06	4.889	1.700

6002974130195	600297	4130195	5.10E-06	5.101	1.700
6003074130195	600307	4130195	5.33E-06	5.325	1.700
6003174130195	600317	4130195	5.56E-06	5.557	1.700
6003274130195	600327	4130195	5.80E-06	5.795	1.700
6003374130195	600337	4130195	6.05E-06	6.049	1.700
6003474130195	600347	4130195	6.31E-06	6.312	1.700
6003574130195	600357	4130195	6.60E-06	6.596	1.700
6003674130195	600367	4130195	6.90E-06	6.899	1.700
6003774130195	600377	4130195	7.23E-06	7.234	1.700
6003874130195	600387	4130195	7.61E-06	7.613	1.700
6003974130195	600397	4130195	8.06E-06	8.063	1.700
6004074130195	600407	4130195	8.63E-06	8.629	1.700
6004174130195	600417	4130195	9.40E-06	9.396	1.700
6004274130195	600427	4130195	1.06E-05	10.565	1.700
6004374130195	600437	4130195	9.00E-06	8.995	1.700
6004474130195	600447	4130195	8.05E-06	8.053	1.700
6004574130195	600457	4130195	8.74E-06	8.737	1.700
6004674130195	600467	4130195	1.03E-05	10.342	1.700
6004774130195	600477	4130195	9.18E-06	9.177	1.700
6004874130195	600487	4130195	8.34E-06	8.342	1.700
6004974130195	600497	4130195	7.72E-06	7.716	1.700
6005074130195	600507	4130195	7.23E-06	7.231	1.700
6005174130195	600517	4130195	6.83E-06	6.832	1.700
6005274130195	600527	4130195	6.50E-06	6.503	1.700
6005374130195	600537	4130195	6.24E-06	6.238	1.700
6005474130195	600547	4130195	6.04E-06	6.035	1.700
6005574130195	600557	4130195	5.90E-06	5.903	1.700
6005674130195	600567	4130195	5.85E-06	5.850	1.700
6005774130195	600577	4130195	5.90E-06	5.902	1.700
6005874130195	600587	4130195	6.10E-06	6.100	1.700
6005974130195	600597	4130195	6.53E-06	6.529	1.700
6006074130195	600607	4130195	7.36E-06	7.362	1.700
6006174130195	600617	4130195	6.91E-06	6.912	1.700
6006274130195	600627	4130195	7.77E-06	7.767	1.700
6006374130195	600637	4130195	7.76E-06	7.758	1.700
6006474130195	600647	4130195	8.89E-06	8.893	1.700
6006574130195	600657	4130195	7.24E-06	7.236	1.700
6006674130195	600667	4130195	6.15E-06	6.154	1.700
6006774130195	600677	4130195	5.38E-06	5.380	1.700
6006874130195	600687	4130195	4.79E-06	4.788	1.700
6006974130195	600697	4130195	4.32E-06	4.318	1.700
6007074130195	600707	4130195	3.93E-06	3.933	1.700
6007174130195	600717	4130195	3.62E-06	3.623	1.700
6007274130195	600727	4130195	3.35E-06	3.349	1.700
6007374130195	600737	4130195	3.11E-06	3.111	1.700
6007474130195	600747	4130195	2.91E-06	2.908	1.700
6007574130195	600757	4130195	2.73E-06	2.731	1.700
6007674130195	600767	4130195	2.57E-06	2.572	1.700
6007774130195	600777	4130195	2.43E-06	2.425	1.700
6007874130195	600787	4130195	2.30E-06	2.296	1.700
6007974130195	600797	4130195	2.18E-06	2.181	1.700
6008074130195	600807	4130195	2.07E-06	2.075	1.700
6008174130195	600817	4130195	1.98E-06	1.978	1.700
6008274130195	600827	4130195	1.89E-06	1.891	1.700
6008374130195	600837	4130195	1.81E-06	1.810	1.700

6008474130195	600847	4130195	1.74E-06	1.736	1.700
6002374130205	600237	4130205	3.85E-06	3.849	1.700
6002474130205	600247	4130205	4.00E-06	4.003	1.700
6002574130205	600257	4130205	4.16E-06	4.163	1.700
6002674130205	600267	4130205	4.33E-06	4.329	1.700
6002774130205	600277	4130205	4.50E-06	4.500	1.700
6002874130205	600287	4130205	4.68E-06	4.679	1.700
6002974130205	600297	4130205	4.87E-06	4.868	1.700
6003074130205	600307	4130205	5.06E-06	5.063	1.700
6003174130205	600317	4130205	5.26E-06	5.260	1.700
6003274130205	600327	4130205	5.47E-06	5.467	1.700
6003374130205	600337	4130205	5.68E-06	5.675	1.700
6003474130205	600347	4130205	5.89E-06	5.892	1.700
6003574130205	600357	4130205	6.12E-06	6.120	1.700
6003674130205	600367	4130205	6.36E-06	6.360	1.700
6003774130205	600377	4130205	6.62E-06	6.616	1.700
6003874130205	600387	4130205	6.90E-06	6.899	1.700
6003974130205	600397	4130205	7.22E-06	7.224	1.700
6004074130205	600407	4130205	7.61E-06	7.614	1.700
6004174130205	600417	4130205	8.11E-06	8.114	1.700
6004274130205	600427	4130205	8.80E-06	8.801	1.700
6004374130205	600437	4130205	9.86E-06	9.856	1.700
6004474130205	600447	4130205	8.32E-06	8.324	1.700
6004574130205	600457	4130205	8.52E-06	8.517	1.700
6004674130205	600467	4130205	8.67E-06	8.671	1.700
6004774130205	600477	4130205	1.01E-05	10.122	1.700
6004874130205	600487	4130205	8.89E-06	8.890	1.700
6004974130205	600497	4130205	8.05E-06	8.048	1.700
6005074130205	600507	4130205	7.42E-06	7.416	1.700
6005174130205	600517	4130205	6.93E-06	6.934	1.700
6005274130205	600527	4130205	6.57E-06	6.569	1.700
6005374130205	600537	4130205	6.30E-06	6.298	1.700
6005474130205	600547	4130205	6.12E-06	6.115	1.700
6005574130205	600557	4130205	6.02E-06	6.021	1.700
6005674130205	600567	4130205	6.04E-06	6.037	1.700
6005774130205	600577	4130205	6.19E-06	6.194	1.700
6005874130205	600587	4130205	6.57E-06	6.566	1.700
6005974130205	600597	4130205	7.31E-06	7.314	1.700
6006074130205	600607	4130205	7.81E-06	7.809	1.700
6006174130205	600617	4130205	7.70E-06	7.701	1.700
6006274130205	600627	4130205	7.86E-06	7.857	1.700
6006374130205	600637	4130205	9.17E-06	9.169	1.700
6006474130205	600647	4130205	7.39E-06	7.390	1.700
6006574130205	600657	4130205	6.24E-06	6.242	1.700
6006674130205	600667	4130205	5.43E-06	5.428	1.700
6006774130205	600677	4130205	4.81E-06	4.811	1.700
6006874130205	600687	4130205	4.33E-06	4.327	1.700
6006974130205	600697	4130205	3.93E-06	3.933	1.700
6007074130205	600707	4130205	3.61E-06	3.606	1.700
6007174130205	600717	4130205	3.33E-06	3.330	1.700
6007274130205	600727	4130205	3.10E-06	3.099	1.700
6007374130205	600737	4130205	2.89E-06	2.890	1.700
6007474130205	600747	4130205	2.71E-06	2.707	1.700
6007574130205	600757	4130205	2.55E-06	2.546	1.700
6007674130205	600767	4130205	2.41E-06	2.406	1.700



6007774130205	600777	4130205	2.28E-06	2.279	1.700
6007874130205	600787	4130205	2.16E-06	2.161	1.700
6007974130205	600797	4130205	2.06E-06	2.056	1.700
6008074130205	600807	4130205	1.96E-06	1.960	1.700
6008174130205	600817	4130205	1.87E-06	1.873	1.700
6008274130205	600827	4130205	1.79E-06	1.793	1.700
6008374130205	600837	4130205	1.72E-06	1.719	1.700
6002474130215	600247	4130215	3.87E-06	3.868	1.700
6002574130215	600257	4130215	4.01E-06	4.014	1.700
6002674130215	600267	4130215	4.17E-06	4.166	1.700
6002774130215	600277	4130215	4.32E-06	4.320	1.700
6002874130215	600287	4130215	4.48E-06	4.478	1.700
6002974130215	600297	4130215	4.64E-06	4.644	1.700
6003074130215	600307	4130215	4.81E-06	4.810	1.700
6003174130215	600317	4130215	4.98E-06	4.980	1.700
6003274130215	600327	4130215	5.16E-06	5.160	1.700
6003374130215	600337	4130215	5.33E-06	5.334	1.700
6003474130215	600347	4130215	5.51E-06	5.512	1.700
6003574130215	600357	4130215	5.70E-06	5.697	1.700
6003674130215	600367	4130215	5.89E-06	5.887	1.700
6003774130215	600377	4130215	6.09E-06	6.087	1.700
6003874130215	600387	4130215	6.30E-06	6.301	1.700
6003974130215	600397	4130215	6.54E-06	6.541	1.700
6004074130215	600407	4130215	6.82E-06	6.820	1.700
6004174130215	600417	4130215	7.16E-06	7.164	1.700
6004274130215	600427	4130215	7.62E-06	7.617	1.700
6004374130215	600437	4130215	8.25E-06	8.248	1.700
6004474130215	600447	4130215	9.22E-06	9.217	1.700
6004574130215	600457	4130215	9.06E-06	9.055	1.700
6004674130215	600467	4130215	8.11E-06	8.105	1.700
6004774130215	600477	4130215	7.94E-06	7.941	1.700
6004874130215	600487	4130215	1.00E-05	10.000	1.700
6004974130215	600497	4130215	8.70E-06	8.703	1.700
6005074130215	600507	4130215	7.81E-06	7.815	1.700
6005174130215	600517	4130215	7.19E-06	7.185	1.700
6005274130215	600527	4130215	6.75E-06	6.751	1.700
6005374130215	600537	4130215	6.46E-06	6.458	1.700
6005474130215	600547	4130215	6.28E-06	6.283	1.700
6005574130215	600557	4130215	6.23E-06	6.230	1.700
6005674130215	600567	4130215	6.33E-06	6.334	1.700
6005774130215	600577	4130215	6.65E-06	6.648	1.700
6005874130215	600587	4130215	7.31E-06	7.311	1.700
6005974130215	600597	4130215	8.72E-06	8.723	1.700
6006074130215	600607	4130215	7.63E-06	7.628	1.700
6006174130215	600617	4130215	8.02E-06	8.024	1.700
6006274130215	600627	4130215	9.49E-06	9.489	1.700
6006374130215	600637	4130215	7.56E-06	7.562	1.700
6006474130215	600647	4130215	6.35E-06	6.351	1.700
6006574130215	600657	4130215	5.49E-06	5.487	1.700
6006674130215	600667	4130215	4.84E-06	4.842	1.700
6006774130215	600677	4130215	4.34E-06	4.337	1.700
6006874130215	600687	4130215	3.93E-06	3.928	1.700
6006974130215	600697	4130215	3.59E-06	3.590	1.700
6007074130215	600707	4130215	3.31E-06	3.312	1.700
6007174130215	600717	4130215	3.07E-06	3.072	1.700

6007274130215	600727	4130215	2.87E-06	2.868	1.700
6007374130215	600737	4130215	2.69E-06	2.689	1.700
6007474130215	600747	4130215	2.53E-06	2.525	1.700
6007574130215	600757	4130215	2.38E-06	2.380	1.700
6007674130215	600767	4130215	2.25E-06	2.252	1.700
6007774130215	600777	4130215	2.14E-06	2.138	1.700
6007874130215	600787	4130215	2.03E-06	2.034	1.700
6007974130215	600797	4130215	1.94E-06	1.939	1.700
6008074130215	600807	4130215	1.85E-06	1.852	1.700
6008174130215	600817	4130215	1.77E-06	1.773	1.700
6008274130215	600827	4130215	1.70E-06	1.700	1.700
6002574130225	600257	4130225	3.87E-06	3.868	1.700
6002674130225	600267	4130225	4.00E-06	4.004	1.700
6002774130225	600277	4130225	4.14E-06	4.142	1.700
6002874130225	600287	4130225	4.28E-06	4.285	1.700
6002974130225	600297	4130225	4.43E-06	4.427	1.700
6003074130225	600307	4130225	4.57E-06	4.569	1.700
6003174130225	600317	4130225	4.72E-06	4.723	1.700
6003274130225	600327	4130225	4.87E-06	4.873	1.700
6003374130225	600337	4130225	5.02E-06	5.020	1.700
6003474130225	600347	4130225	5.17E-06	5.166	1.700
6003574130225	600357	4130225	5.32E-06	5.316	1.700
6003674130225	600367	4130225	5.47E-06	5.468	1.700
6003774130225	600377	4130225	5.62E-06	5.625	1.700
6003874130225	600387	4130225	5.79E-06	5.790	1.700
6003974130225	600397	4130225	5.97E-06	5.970	1.700
6004074130225	600407	4130225	6.17E-06	6.175	1.700
6004174130225	600417	4130225	6.42E-06	6.422	1.700
6004274130225	600427	4130225	6.73E-06	6.734	1.700
6004374130225	600437	4130225	7.15E-06	7.152	1.700
6004474130225	600447	4130225	7.74E-06	7.744	1.700
6004574130225	600457	4130225	8.64E-06	8.640	1.700
6004674130225	600467	4130225	7.42E-06	7.418	1.700
6004774130225	600477	4130225	7.76E-06	7.763	1.700
6004874130225	600487	4130225	8.15E-06	8.148	1.700
6004974130225	600497	4130225	9.97E-06	9.969	1.700
6005074130225	600507	4130225	8.57E-06	8.573	1.700
6005174130225	600517	4130225	7.66E-06	7.661	1.700
6005274130225	600527	4130225	7.10E-06	7.095	1.700
6005374130225	600537	4130225	6.74E-06	6.740	1.700
6005474130225	600547	4130225	6.56E-06	6.558	1.700
6005574130225	600557	4130225	6.56E-06	6.559	1.700
6005674130225	600567	4130225	6.79E-06	6.788	1.700
6005774130225	600577	4130225	7.35E-06	7.353	1.700
6005874130225	600587	4130225	8.59E-06	8.594	1.700
6005974130225	600597	4130225	7.76E-06	7.761	1.700
6006074130225	600607	4130225	7.96E-06	7.958	1.700
6006174130225	600617	4130225	9.83E-06	9.835	1.700
6006274130225	600627	4130225	7.75E-06	7.753	1.700
6006374130225	600637	4130225	6.46E-06	6.464	1.700
6006474130225	600647	4130225	5.56E-06	5.561	1.700
6006574130225	600657	4130225	4.88E-06	4.881	1.700
6006674130225	600667	4130225	4.35E-06	4.351	1.700
6006774130225	600677	4130225	3.93E-06	3.927	1.700
6006874130225	600687	4130225	3.58E-06	3.576	1.700

6006974130225	600697	4130225	3.29E-06	3.285	1.700
6007074130225	600707	4130225	3.05E-06	3.045	1.700
6007174130225	600717	4130225	2.84E-06	2.839	1.700
6007274130225	600727	4130225	2.66E-06	2.660	1.700
6007374130225	600737	4130225	2.50E-06	2.500	1.700
6007474130225	600747	4130225	2.36E-06	2.358	1.700
6007574130225	600757	4130225	2.23E-06	2.229	1.700
6007674130225	600767	4130225	2.11E-06	2.112	1.700
6007774130225	600777	4130225	2.01E-06	2.008	1.700
6007874130225	600787	4130225	1.92E-06	1.915	1.700
6007974130225	600797	4130225	1.83E-06	1.830	1.700
6008074130225	600807	4130225	1.75E-06	1.751	1.700
6008174130225	600817	4130225	1.68E-06	1.680	1.700
6002674130235	600267	4130235	3.85E-06	3.847	1.700
6002774130235	600277	4130235	3.97E-06	3.970	1.700
6002874130235	600287	4130235	4.10E-06	4.096	1.700
6002974130235	600297	4130235	4.22E-06	4.219	1.700
6003074130235	600307	4130235	4.35E-06	4.347	1.700
6003174130235	600317	4130235	4.48E-06	4.477	1.700
6003274130235	600327	4130235	4.60E-06	4.603	1.700
6003374130235	600337	4130235	4.73E-06	4.728	1.700
6003474130235	600347	4130235	4.85E-06	4.850	1.700
6003574130235	600357	4130235	4.97E-06	4.971	1.700
6003674130235	600367	4130235	5.09E-06	5.094	1.700
6003774130235	600377	4130235	5.22E-06	5.218	1.700
6003874130235	600387	4130235	5.35E-06	5.346	1.700
6003974130235	600397	4130235	5.48E-06	5.483	1.700
6004074130235	600407	4130235	5.64E-06	5.637	1.700
6004174130235	600417	4130235	5.82E-06	5.819	1.700
6004274130235	600427	4130235	6.04E-06	6.044	1.700
6004374130235	600437	4130235	6.33E-06	6.335	1.700
6004474130235	600447	4130235	6.73E-06	6.730	1.700
6004574130235	600457	4130235	7.29E-06	7.289	1.700
6004674130235	600467	4130235	8.13E-06	8.127	1.700
6004774130235	600477	4130235	8.10E-06	8.096	1.700
6004874130235	600487	4130235	7.38E-06	7.384	1.700
6004974130235	600497	4130235	7.43E-06	7.426	1.700
6005074130235	600507	4130235	8.36E-06	8.360	1.700
6005174130235	600517	4130235	8.55E-06	8.553	1.700
6005274130235	600527	4130235	7.67E-06	7.675	1.700
6005374130235	600537	4130235	7.19E-06	7.189	1.700
6005474130235	600547	4130235	6.98E-06	6.981	1.700
6005574130235	600557	4130235	7.06E-06	7.055	1.700
6005674130235	600567	4130235	7.48E-06	7.481	1.700
6005774130235	600577	4130235	8.53E-06	8.533	1.700
6005874130235	600587	4130235	7.61E-06	7.606	1.700
6005974130235	600597	4130235	8.43E-06	8.433	1.700
6006074130235	600607	4130235	8.89E-06	8.894	1.700
6006174130235	600617	4130235	7.96E-06	7.959	1.700
6006274130235	600627	4130235	6.58E-06	6.581	1.700
6006374130235	600637	4130235	5.63E-06	5.627	1.700
6006474130235	600647	4130235	4.92E-06	4.917	1.700
6006574130235	600657	4130235	4.36E-06	4.364	1.700
6006674130235	600667	4130235	3.92E-06	3.923	1.700
6006774130235	600677	4130235	3.56E-06	3.564	1.700

6006874130235	600687	4130235	3.26E-06	3.265	1.700
6006974130235	600697	4130235	3.01E-06	3.015	1.700
6007074130235	600707	4130235	2.81E-06	2.807	1.700
6007174130235	600717	4130235	2.63E-06	2.625	1.700
6007274130235	600727	4130235	2.47E-06	2.468	1.700
6007374130235	600737	4130235	2.33E-06	2.326	1.700
6007474130235	600747	4130235	2.20E-06	2.199	1.700
6007574130235	600757	4130235	2.09E-06	2.085	1.700
6007674130235	600767	4130235	1.98E-06	1.983	1.700
6007774130235	600777	4130235	1.89E-06	1.889	1.700
6007874130235	600787	4130235	1.80E-06	1.803	1.700
6007974130235	600797	4130235	1.73E-06	1.727	1.700
6008074130235	600807	4130235	1.66E-06	1.657	1.700
6002774130245	600277	4130245	3.80E-06	3.805	1.700
6002874130245	600287	4130245	3.91E-06	3.913	1.700
6002974130245	600297	4130245	4.02E-06	4.023	1.700
6003074130245	600307	4130245	4.14E-06	4.135	1.700
6003174130245	600317	4130245	4.24E-06	4.244	1.700
6003274130245	600327	4130245	4.35E-06	4.351	1.700
6003374130245	600337	4130245	4.46E-06	4.456	1.700
6003474130245	600347	4130245	4.56E-06	4.560	1.700
6003574130245	600357	4130245	4.66E-06	4.659	1.700
6003674130245	600367	4130245	4.76E-06	4.757	1.700
6003774130245	600377	4130245	4.86E-06	4.855	1.700
6003874130245	600387	4130245	4.96E-06	4.955	1.700
6003974130245	600397	4130245	5.06E-06	5.061	1.700
6004074130245	600407	4130245	5.18E-06	5.179	1.700
6004174130245	600417	4130245	5.32E-06	5.316	1.700
6004274130245	600427	4130245	5.48E-06	5.482	1.700
6004374130245	600437	4130245	5.69E-06	5.693	1.700
6004474130245	600447	4130245	5.97E-06	5.971	1.700
6004574130245	600457	4130245	6.35E-06	6.350	1.700
6004674130245	600467	4130245	6.89E-06	6.885	1.700
6004774130245	600477	4130245	7.68E-06	7.678	1.700
6004874130245	600487	4130245	9.00E-06	8.996	1.700
6004974130245	600497	4130245	7.23E-06	7.227	1.700
6005074130245	600507	4130245	6.32E-06	6.319	1.700
6005174130245	600517	4130245	8.66E-06	8.664	1.700
6005274130245	600527	4130245	8.70E-06	8.699	1.700
6005374130245	600537	4130245	7.90E-06	7.904	1.700
6005474130245	600547	4130245	7.62E-06	7.621	1.700
6005574130245	600557	4130245	7.80E-06	7.798	1.700
6005674130245	600567	4130245	8.60E-06	8.605	1.700
6005774130245	600577	4130245	8.99E-06	8.995	1.700
6005874130245	600587	4130245	8.08E-06	8.084	1.700
6005974130245	600597	4130245	8.95E-06	8.946	1.700
6006074130245	600607	4130245	8.17E-06	8.166	1.700
6006174130245	600617	4130245	6.69E-06	6.687	1.700
6006274130245	600627	4130245	5.69E-06	5.686	1.700
6006374130245	600637	4130245	4.94E-06	4.944	1.700
6006474130245	600647	4130245	4.37E-06	4.370	1.700
6006574130245	600657	4130245	3.92E-06	3.917	1.700
6006674130245	600667	4130245	3.55E-06	3.547	1.700
6006774130245	600677	4130245	3.24E-06	3.241	1.700
6006874130245	600687	4130245	2.99E-06	2.986	1.700

6006974130245	600697	4130245	2.77E-06	2.771	1.700
6007074130245	600707	4130245	2.59E-06	2.590	1.700
6007174130245	600717	4130245	2.43E-06	2.430	1.700
6007274130245	600727	4130245	2.29E-06	2.291	1.700
6007374130245	600737	4130245	2.17E-06	2.168	1.700
6007474130245	600747	4130245	2.05E-06	2.055	1.700
6007574130245	600757	4130245	1.95E-06	1.953	1.700
6007674130245	600767	4130245	1.86E-06	1.861	1.700
6007774130245	600777	4130245	1.78E-06	1.777	1.700
6007874130245	600787	4130245	1.70E-06	1.702	1.700
6007974130245	600797	4130245	1.63E-06	1.632	1.700
6002874130255	600287	4130255	3.74E-06	3.739	1.700
6002974130255	600297	4130255	3.84E-06	3.837	1.700
6003074130255	600307	4130255	3.93E-06	3.931	1.700
6003174130255	600317	4130255	4.02E-06	4.024	1.700
6003274130255	600327	4130255	4.11E-06	4.114	1.700
6003374130255	600337	4130255	4.20E-06	4.203	1.700
6003474130255	600347	4130255	4.29E-06	4.290	1.700
6003574130255	600357	4130255	4.37E-06	4.373	1.700
6003674130255	600367	4130255	4.45E-06	4.452	1.700
6003774130255	600377	4130255	4.53E-06	4.530	1.700
6003874130255	600387	4130255	4.61E-06	4.609	1.700
6003974130255	600397	4130255	4.69E-06	4.692	1.700
6004074130255	600407	4130255	4.78E-06	4.783	1.700
6004174130255	600417	4130255	4.89E-06	4.887	1.700
6004274130255	600427	4130255	5.01E-06	5.013	1.700
6004374130255	600437	4130255	5.17E-06	5.170	1.700
6004474130255	600447	4130255	5.37E-06	5.374	1.700
6004574130255	600457	4130255	5.65E-06	5.645	1.700
6004674130255	600467	4130255	6.02E-06	6.015	1.700
6004774130255	600477	4130255	6.54E-06	6.537	1.700
6004874130255	600487	4130255	7.30E-06	7.303	1.700
6004974130255	600497	4130255	8.53E-06	8.532	1.700
6005074130255	600507	4130255	6.89E-06	6.885	1.700
6005174130255	600517	4130255	7.15E-06	7.154	1.700
6005274130255	600527	4130255	8.50E-06	8.495	1.700
6005374130255	600537	4130255	9.09E-06	9.088	1.700
6005474130255	600547	4130255	8.59E-06	8.592	1.700
6005574130255	600557	4130255	8.94E-06	8.944	1.700
6005674130255	600567	4130255	7.86E-06	7.865	1.700
6005774130255	600577	4130255	8.41E-06	8.413	1.700
6005874130255	600587	4130255	9.28E-06	9.279	1.700
6005974130255	600597	4130255	8.35E-06	8.350	1.700
6006074130255	600607	4130255	6.78E-06	6.776	1.700
6006174130255	600617	4130255	5.72E-06	5.719	1.700
6006274130255	600627	4130255	4.95E-06	4.954	1.700
6006374130255	600637	4130255	4.37E-06	4.366	1.700
6006474130255	600647	4130255	3.90E-06	3.900	1.700
6006574130255	600657	4130255	3.52E-06	3.524	1.700
6006674130255	600667	4130255	3.21E-06	3.214	1.700
6006774130255	600677	4130255	2.96E-06	2.956	1.700
6006874130255	600687	4130255	2.74E-06	2.738	1.700
6006974130255	600697	4130255	2.55E-06	2.552	1.700
6007074130255	600707	4130255	2.39E-06	2.392	1.700
6007174130255	600717	4130255	2.25E-06	2.250	1.700

6007274130255	600727	4130255	2.13E-06	2.128	1.700
6007374130255	600737	4130255	2.02E-06	2.021	1.700
6007474130255	600747	4130255	1.92E-06	1.923	1.700
6007574130255	600757	4130255	1.83E-06	1.831	1.700
6007674130255	600767	4130255	1.75E-06	1.748	1.700
6007774130255	600777	4130255	1.67E-06	1.674	1.700
6007874130255	600787	4130255	1.61E-06	1.606	1.700
6002974130265	600297	4130265	3.66E-06	3.658	1.700
6003074130265	600307	4130265	3.74E-06	3.738	1.700
6003174130265	600317	4130265	3.82E-06	3.818	1.700
6003274130265	600327	4130265	3.89E-06	3.895	1.700
6003374130265	600337	4130265	3.97E-06	3.970	1.700
6003474130265	600347	4130265	4.04E-06	4.042	1.700
6003574130265	600357	4130265	4.11E-06	4.110	1.700
6003674130265	600367	4130265	4.17E-06	4.174	1.700
6003774130265	600377	4130265	4.24E-06	4.237	1.700
6003874130265	600387	4130265	4.30E-06	4.299	1.700
6003974130265	600397	4130265	4.36E-06	4.364	1.700
6004074130265	600407	4130265	4.44E-06	4.435	1.700
6004174130265	600417	4130265	4.52E-06	4.517	1.700
6004274130265	600427	4130265	4.61E-06	4.613	1.700
6004374130265	600437	4130265	4.73E-06	4.733	1.700
6004474130265	600447	4130265	4.89E-06	4.887	1.700
6004574130265	600457	4130265	5.09E-06	5.088	1.700
6004674130265	600467	4130265	5.36E-06	5.356	1.700
6004774130265	600477	4130265	5.72E-06	5.721	1.700
6004874130265	600487	4130265	6.23E-06	6.232	1.700
6004974130265	600497	4130265	6.97E-06	6.973	1.700
6005074130265	600507	4130265	8.13E-06	8.129	1.700
6005174130265	600517	4130265	8.03E-06	8.035	1.700
6005274130265	600527	4130265	7.20E-06	7.205	1.700
6005374130265	600537	4130265	7.37E-06	7.369	1.700
6005474130265	600547	4130265	1.01E-05	10.070	1.700
6005574130265	600557	4130265	9.48E-06	9.476	1.700
6005674130265	600567	4130265	8.35E-06	8.346	1.700
6005774130265	600577	4130265	7.91E-06	7.907	1.700
6005874130265	600587	4130265	8.50E-06	8.495	1.700
6005974130265	600597	4130265	6.81E-06	6.807	1.700
6006074130265	600607	4130265	5.71E-06	5.706	1.700
6006174130265	600617	4130265	4.92E-06	4.920	1.700
6006274130265	600627	4130265	4.33E-06	4.332	1.700
6006374130265	600637	4130265	3.87E-06	3.869	1.700
6006474130265	600647	4130265	3.49E-06	3.490	1.700
6006574130265	600657	4130265	3.18E-06	3.178	1.700
6006674130265	600667	4130265	2.92E-06	2.922	1.700
6006774130265	600677	4130265	2.70E-06	2.703	1.700
6006874130265	600687	4130265	2.52E-06	2.516	1.700
6006974130265	600697	4130265	2.36E-06	2.356	1.700
6007074130265	600707	4130265	2.22E-06	2.218	1.700
6007174130265	600717	4130265	2.09E-06	2.094	1.700
6007274130265	600727	4130265	1.98E-06	1.984	1.700
6007374130265	600737	4130265	1.89E-06	1.889	1.700
6007474130265	600747	4130265	1.80E-06	1.803	1.700
6007574130265	600757	4130265	1.72E-06	1.721	1.700
6007674130265	600767	4130265	1.65E-06	1.646	1.700

6007774130265	600777	4130265	1.58E-06	1.579	1.700
6003074130275	600307	4130275	3.56E-06	3.558	1.700
6003174130275	600317	4130275	3.63E-06	3.626	1.700
6003274130275	600327	4130275	3.69E-06	3.691	1.700
6003374130275	600337	4130275	3.75E-06	3.754	1.700
6003474130275	600347	4130275	3.81E-06	3.813	1.700
6003574130275	600357	4130275	3.87E-06	3.869	1.700
6003674130275	600367	4130275	3.92E-06	3.921	1.700
6003774130275	600377	4130275	3.97E-06	3.972	1.700
6003874130275	600387	4130275	4.02E-06	4.021	1.700
6003974130275	600397	4130275	4.07E-06	4.072	1.700
6004074130275	600407	4130275	4.13E-06	4.128	1.700
6004174130275	600417	4130275	4.19E-06	4.191	1.700
6004274130275	600427	4130275	4.27E-06	4.266	1.700
6004374130275	600437	4130275	4.36E-06	4.359	1.700
6004474130275	600447	4130275	4.48E-06	4.476	1.700
6004574130275	600457	4130275	4.63E-06	4.629	1.700
6004674130275	600467	4130275	4.83E-06	4.829	1.700
6004774130275	600477	4130275	5.10E-06	5.095	1.700
6004874130275	600487	4130275	5.46E-06	5.456	1.700
6004974130275	600497	4130275	5.95E-06	5.954	1.700
6005074130275	600507	4130275	6.67E-06	6.669	1.700
6005174130275	600517	4130275	7.78E-06	7.777	1.700
6005274130275	600527	4130275	6.61E-06	6.607	1.700
6005374130275	600537	4130275	7.28E-06	7.280	1.700
6005474130275	600547	4130275	7.45E-06	7.455	1.700
6005574130275	600557	4130275	8.56E-06	8.560	1.700
6005674130275	600567	4130275	9.33E-06	9.334	1.700
6005774130275	600577	4130275	8.46E-06	8.464	1.700
6005874130275	600587	4130275	6.71E-06	6.707	1.700
6005974130275	600597	4130275	5.60E-06	5.597	1.700
6006074130275	600607	4130275	4.82E-06	4.821	1.700
6006174130275	600617	4130275	4.25E-06	4.245	1.700
6006274130275	600627	4130275	3.80E-06	3.801	1.700
6006374130275	600637	4130275	3.44E-06	3.438	1.700
6006474130275	600647	4130275	3.13E-06	3.131	1.700
6006574130275	600657	4130275	2.88E-06	2.880	1.700
6006674130275	600667	4130275	2.67E-06	2.667	1.700
6006774130275	600677	4130275	2.48E-06	2.482	1.700
6006874130275	600687	4130275	2.32E-06	2.321	1.700
6006974130275	600697	4130275	2.18E-06	2.183	1.700
6007074130275	600707	4130275	2.06E-06	2.061	1.700
6007174130275	600717	4130275	1.95E-06	1.953	1.700
6007274130275	600727	4130275	1.86E-06	1.856	1.700
6007374130275	600737	4130275	1.77E-06	1.769	1.700
6007474130275	600747	4130275	1.69E-06	1.691	1.700
6007574130275	600757	4130275	1.62E-06	1.619	1.700
6007674130275	600767	4130275	1.55E-06	1.552	1.700
6003274130285	600327	4130285	3.50E-06	3.501	1.700
6003374130285	600337	4130285	3.55E-06	3.553	1.700
6003474130285	600347	4130285	3.60E-06	3.601	1.700
6003574130285	600357	4130285	3.65E-06	3.647	1.700
6003674130285	600367	4130285	3.69E-06	3.689	1.700
6003774130285	600377	4130285	3.73E-06	3.729	1.700
6003874130285	600387	4130285	3.77E-06	3.769	1.700

6003974130285	600397	4130285	3.81E-06	3.810	1.700
6004074130285	600407	4130285	3.85E-06	3.853	1.700
6004174130285	600417	4130285	3.90E-06	3.901	1.700
6004274130285	600427	4130285	3.96E-06	3.960	1.700
6004374130285	600437	4130285	4.03E-06	4.032	1.700
6004474130285	600447	4130285	4.12E-06	4.123	1.700
6004574130285	600457	4130285	4.24E-06	4.240	1.700
6004674130285	600467	4130285	4.39E-06	4.391	1.700
6004774130285	600477	4130285	4.59E-06	4.589	1.700
6004874130285	600487	4130285	4.85E-06	4.849	1.700
6004974130285	600497	4130285	5.20E-06	5.197	1.700
6005074130285	600507	4130285	5.67E-06	5.674	1.700
6005174130285	600517	4130285	6.35E-06	6.355	1.700
6005274130285	600527	4130285	7.38E-06	7.384	1.700
6005374130285	600537	4130285	7.47E-06	7.470	1.700
6005474130285	600547	4130285	6.85E-06	6.846	1.700
6005574130285	600557	4130285	6.48E-06	6.481	1.700
6005674130285	600567	4130285	7.93E-06	7.935	1.700
6005774130285	600577	4130285	6.35E-06	6.347	1.700
6005874130285	600587	4130285	5.34E-06	5.343	1.700
6005974130285	600597	4130285	4.64E-06	4.637	1.700
6006074130285	600607	4130285	4.11E-06	4.108	1.700
6006174130285	600617	4130285	3.70E-06	3.697	1.700
6006274130285	600627	4130285	3.36E-06	3.361	1.700
6006374130285	600637	4130285	3.07E-06	3.073	1.700
6006474130285	600647	4130285	2.83E-06	2.830	1.700
6006574130285	600657	4130285	2.63E-06	2.627	1.700
6006674130285	600667	4130285	2.45E-06	2.449	1.700
6006774130285	600677	4130285	2.29E-06	2.291	1.700
6006874130285	600687	4130285	2.15E-06	2.151	1.700
6006974130285	600697	4130285	2.03E-06	2.029	1.700
6007074130285	600707	4130285	1.92E-06	1.923	1.700
6007174130285	600717	4130285	1.83E-06	1.826	1.700
6007274130285	600727	4130285	1.74E-06	1.739	1.700
6007374130285	600737	4130285	1.66E-06	1.662	1.700
6007474130285	600747	4130285	1.59E-06	1.590	1.700
6007574130285	600757	4130285	1.53E-06	1.526	1.700
6003474130295	600347	4130295	3.41E-06	3.405	1.700
6003574130295	600357	4130295	3.44E-06	3.442	1.700
6003674130295	600367	4130295	3.48E-06	3.476	1.700
6003774130295	600377	4130295	3.51E-06	3.508	1.700
6003874130295	600387	4130295	3.54E-06	3.539	1.700
6003974130295	600397	4130295	3.57E-06	3.571	1.700
6004074130295	600407	4130295	3.60E-06	3.604	1.700
6004174130295	600417	4130295	3.64E-06	3.642	1.700
6004274130295	600427	4130295	3.69E-06	3.687	1.700
6004374130295	600437	4130295	3.74E-06	3.742	1.700
6004474130295	600447	4130295	3.81E-06	3.813	1.700
6004574130295	600457	4130295	3.90E-06	3.902	1.700
6004674130295	600467	4130295	4.02E-06	4.016	1.700
6004774130295	600477	4130295	4.16E-06	4.162	1.700
6004874130295	600487	4130295	4.35E-06	4.349	1.700
6004974130295	600497	4130295	4.59E-06	4.589	1.700
6005074130295	600507	4130295	4.90E-06	4.904	1.700
6005174130295	600517	4130295	5.32E-06	5.319	1.700



6005274130295	600527	4130295	5.86E-06	5.860	1.700
6005374130295	600537	4130295	6.53E-06	6.534	1.700
6005474130295	600547	4130295	7.05E-06	7.051	1.700
6005574130295	600557	4130295	6.51E-06	6.511	1.700
6005674130295	600567	4130295	5.62E-06	5.621	1.700
6005774130295	600577	4130295	4.93E-06	4.927	1.700
6005874130295	600587	4130295	4.36E-06	4.363	1.700
6005974130295	600597	4130295	3.92E-06	3.916	1.700
6006074130295	600607	4130295	3.55E-06	3.554	1.700
6006174130295	600617	4130295	3.26E-06	3.256	1.700
6006274130295	600627	4130295	3.00E-06	2.998	1.700
6006374130295	600637	4130295	2.77E-06	2.772	1.700
6006474130295	600647	4130295	2.58E-06	2.578	1.700
6006574130295	600657	4130295	2.41E-06	2.409	1.700
6006674130295	600667	4130295	2.26E-06	2.259	1.700
6006774130295	600677	4130295	2.12E-06	2.122	1.700
6006874130295	600687	4130295	2.00E-06	2.003	1.700
6006974130295	600697	4130295	1.89E-06	1.895	1.700
6007074130295	600707	4130295	1.80E-06	1.800	1.700
6007174130295	600717	4130295	1.71E-06	1.714	1.700
6007274130295	600727	4130295	1.64E-06	1.636	1.700
6007374130295	600737	4130295	1.57E-06	1.566	1.700
6007474130295	600747	4130295	1.50E-06	1.502	1.700
6003574130305	600357	4130305	3.25E-06	3.254	1.700
6003674130305	600367	4130305	3.28E-06	3.280	1.700
6003774130305	600377	4130305	3.30E-06	3.305	1.700
6003874130305	600387	4130305	3.33E-06	3.329	1.700
6003974130305	600397	4130305	3.35E-06	3.353	1.700
6004074130305	600407	4130305	3.38E-06	3.379	1.700
6004174130305	600417	4130305	3.41E-06	3.407	1.700
6004274130305	600427	4130305	3.44E-06	3.441	1.700
6004374130305	600437	4130305	3.48E-06	3.483	1.700
6004474130305	600447	4130305	3.54E-06	3.536	1.700
6004574130305	600457	4130305	3.60E-06	3.604	1.700
6004674130305	600467	4130305	3.69E-06	3.688	1.700
6004774130305	600477	4130305	3.79E-06	3.793	1.700
6004874130305	600487	4130305	3.92E-06	3.924	1.700
6004974130305	600497	4130305	4.08E-06	4.084	1.700
6005074130305	600507	4130305	4.28E-06	4.283	1.700
6005174130305	600517	4130305	4.52E-06	4.515	1.700
6005274130305	600527	4130305	4.76E-06	4.759	1.700
6005374130305	600537	4130305	4.96E-06	4.963	1.700
6005474130305	600547	4130305	5.01E-06	5.005	1.700
6005574130305	600557	4130305	4.79E-06	4.786	1.700
6005674130305	600567	4130305	4.41E-06	4.407	1.700
6005774130305	600577	4130305	4.03E-06	4.026	1.700
6005874130305	600587	4130305	3.69E-06	3.690	1.700
6005974130305	600597	4130305	3.39E-06	3.392	1.700
6006074130305	600607	4130305	3.13E-06	3.132	1.700
6006174130305	600617	4130305	2.90E-06	2.902	1.700
6006274130305	600627	4130305	2.70E-06	2.702	1.700
6006374130305	600637	4130305	2.52E-06	2.523	1.700
6006474130305	600647	4130305	2.36E-06	2.365	1.700
6006574130305	600657	4130305	2.22E-06	2.223	1.700
6006674130305	600667	4130305	2.10E-06	2.095	1.700

6006774130305	600677	4130305	1.98E-06	1.976	1.700
6006874130305	600687	4130305	1.87E-06	1.869	1.700
6006974130305	600697	4130305	1.77E-06	1.774	1.700
6007074130305	600707	4130305	1.69E-06	1.691	1.700
6007174130305	600717	4130305	1.61E-06	1.614	1.700
6007274130305	600727	4130305	1.54E-06	1.543	1.700
6003774130315	600377	4130315	3.12E-06	3.117	1.700
6003874130315	600387	4130315	3.13E-06	3.135	1.700
6003974130315	600397	4130315	3.15E-06	3.153	1.700
6004074130315	600407	4130315	3.17E-06	3.173	1.700
6004174130315	600417	4130315	3.19E-06	3.193	1.700
6004274130315	600427	4130315	3.22E-06	3.218	1.700
6004374130315	600437	4130315	3.25E-06	3.249	1.700
6004474130315	600447	4130315	3.29E-06	3.287	1.700
6004574130315	600457	4130315	3.34E-06	3.336	1.700
6004674130315	600467	4130315	3.40E-06	3.397	1.700
6004774130315	600477	4130315	3.47E-06	3.469	1.700
6004874130315	600487	4130315	3.56E-06	3.557	1.700
6004974130315	600497	4130315	3.66E-06	3.659	1.700
6005074130315	600507	4130315	3.78E-06	3.777	1.700
6005174130315	600517	4130315	3.89E-06	3.891	1.700
6005274130315	600527	4130315	3.99E-06	3.991	1.700
6005374130315	600537	4130315	4.04E-06	4.035	1.700
6005474130315	600547	4130315	4.01E-06	4.006	1.700
6005574130315	600557	4130315	3.87E-06	3.868	1.700
6005674130315	600567	4130315	3.67E-06	3.667	1.700
6005774130315	600577	4130315	3.44E-06	3.437	1.700
6005874130315	600587	4130315	3.20E-06	3.205	1.700
6005974130315	600597	4130315	3.00E-06	2.996	1.700
6006074130315	600607	4130315	2.80E-06	2.803	1.700
6006174130315	600617	4130315	2.62E-06	2.624	1.700
6006274130315	600627	4130315	2.46E-06	2.462	1.700
6006374130315	600637	4130315	2.32E-06	2.319	1.700
6006474130315	600647	4130315	2.18E-06	2.184	1.700
6006574130315	600657	4130315	2.06E-06	2.063	1.700
6006674130315	600667	4130315	1.95E-06	1.951	1.700
6006774130315	600677	4130315	1.85E-06	1.848	1.700
6006874130315	600687	4130315	1.75E-06	1.754	1.700
6006974130315	600697	4130315	1.67E-06	1.669	1.700
6007074130315	600707	4130315	1.59E-06	1.594	1.700
6003974130325	600397	4130325	2.97E-06	2.968	1.700
6004074130325	600407	4130325	2.98E-06	2.983	1.700
6004174130325	600417	4130325	3.00E-06	2.997	1.700
6004274130325	600427	4130325	3.01E-06	3.014	1.700
6004374130325	600437	4130325	3.04E-06	3.035	1.700
6004474130325	600447	4130325	3.06E-06	3.062	1.700
6004574130325	600457	4130325	3.10E-06	3.095	1.700
6004674130325	600467	4130325	3.14E-06	3.136	1.700
6004774130325	600477	4130325	3.18E-06	3.183	1.700
6004874130325	600487	4130325	3.24E-06	3.240	1.700
6004974130325	600497	4130325	3.30E-06	3.302	1.700
6005074130325	600507	4130325	3.36E-06	3.364	1.700
6005174130325	600517	4130325	3.41E-06	3.414	1.700
6005274130325	600527	4130325	3.44E-06	3.437	1.700
6005374130325	600537	4130325	3.44E-06	3.438	1.700

6005474130325	600547	4130325	3.39E-06	3.388	1.700
6005574130325	600557	4130325	3.29E-06	3.291	1.700
6005674130325	600567	4130325	3.16E-06	3.158	1.700
6005774130325	600577	4130325	3.01E-06	3.007	1.700
6005874130325	600587	4130325	2.85E-06	2.846	1.700
6005974130325	600597	4130325	2.69E-06	2.686	1.700
6006074130325	600607	4130325	2.54E-06	2.536	1.700
6006174130325	600617	4130325	2.40E-06	2.396	1.700
6006274130325	600627	4130325	2.26E-06	2.263	1.700
6006374130325	600637	4130325	2.14E-06	2.142	1.700
6006474130325	600647	4130325	2.03E-06	2.028	1.700
6006574130325	600657	4130325	1.92E-06	1.923	1.700
6006674130325	600667	4130325	1.83E-06	1.827	1.700
6006774130325	600677	4130325	1.74E-06	1.735	1.700
6006874130325	600687	4130325	1.65E-06	1.652	1.700
6004174130335	600417	4130335	2.82E-06	2.816	1.700
6004274130335	600427	4130335	2.83E-06	2.827	1.700
6004374130335	600437	4130335	2.84E-06	2.841	1.700
6004474130335	600447	4130335	2.86E-06	2.858	1.700
6004574130335	600457	4130335	2.88E-06	2.878	1.700
6004674130335	600467	4130335	2.90E-06	2.902	1.700
6004774130335	600477	4130335	2.93E-06	2.931	1.700
6004874130335	600487	4130335	2.96E-06	2.965	1.700
6004974130335	600497	4130335	3.00E-06	2.999	1.700
6005074130335	600507	4130335	3.03E-06	3.026	1.700
6005174130335	600517	4130335	3.04E-06	3.037	1.700
6005274130335	600527	4130335	3.04E-06	3.037	1.700
6005374130335	600537	4130335	3.01E-06	3.014	1.700
6005474130335	600547	4130335	2.97E-06	2.966	1.700
6005574130335	600557	4130335	2.89E-06	2.892	1.700
6005674130335	600567	4130335	2.79E-06	2.793	1.700
6005774130335	600577	4130335	2.68E-06	2.679	1.700
6005874130335	600587	4130335	2.56E-06	2.558	1.700
6005974130335	600597	4130335	2.44E-06	2.438	1.700
6006074130335	600607	4130335	2.32E-06	2.318	1.700
6006174130335	600617	4130335	2.21E-06	2.206	1.700
6006274130335	600627	4130335	2.10E-06	2.096	1.700
6006374130335	600637	4130335	1.99E-06	1.992	1.700
6006474130335	600647	4130335	1.89E-06	1.895	1.700
6006574130335	600657	4130335	1.80E-06	1.802	1.700
6006674130335	600667	4130335	1.72E-06	1.716	1.700
6004474130345	600447	4130345	2.67E-06	2.672	1.700
6004574130345	600457	4130345	2.68E-06	2.683	1.700
6004674130345	600467	4130345	2.70E-06	2.695	1.700
6004774130345	600477	4130345	2.71E-06	2.712	1.700
6004874130345	600487	4130345	2.73E-06	2.728	1.700
6004974130345	600497	4130345	2.74E-06	2.741	1.700
6005074130345	600507	4130345	2.75E-06	2.746	1.700
6005174130345	600517	4130345	2.74E-06	2.741	1.700
6005274130345	600527	4130345	2.73E-06	2.728	1.700
6005374130345	600537	4130345	2.70E-06	2.696	1.700
6005474130345	600547	4130345	2.65E-06	2.652	1.700
6005574130345	600557	4130345	2.59E-06	2.591	1.700
6005674130345	600567	4130345	2.51E-06	2.513	1.700
6005774130345	600577	4130345	2.42E-06	2.423	1.700

6005874130345	600587	4130345	2.33E-06	2.325	1.700
6005974130345	600597	4130345	2.23E-06	2.231	1.700
6006074130345	600607	4130345	2.14E-06	2.136	1.700
6006174130345	600617	4130345	2.04E-06	2.041	1.700
6006274130345	600627	4130345	1.95E-06	1.949	1.700
6005074130355	600507	4130355	2.51E-06	2.513	1.700
6005174130355	600517	4130355	2.50E-06	2.501	1.700
6005274130355	600527	4130355	2.48E-06	2.480	1.700
6005374130355	600537	4130355	2.45E-06	2.447	1.700
6005474130355	600547	4130355	2.41E-06	2.406	1.700
6005574130355	600557	4130355	2.35E-06	2.355	1.700
6005674130355	600567	4130355	2.29E-06	2.290	1.700
6005774130355	600577	4130355	2.22E-06	2.218	1.700
5997544130031	599754	4130031	4.41E-07	0.441	1.700
5997644130031	599764	4130031	4.52E-07	0.452	1.700
5997744130031	599774	4130031	4.64E-07	0.464	1.700
5997844130031	599784	4130031	4.77E-07	0.477	1.700
5997944130031	599794	4130031	4.90E-07	0.490	1.700
5997544130041	599754	4130041	4.53E-07	0.453	1.700
5997644130041	599764	4130041	4.65E-07	0.465	1.700
5997744130041	599774	4130041	4.77E-07	0.477	1.700
5997844130041	599784	4130041	4.90E-07	0.490	1.700
5997944130041	599794	4130041	5.04E-07	0.504	1.700
5998044130041	599804	4130041	5.19E-07	0.519	1.700
5997544130051	599754	4130051	4.65E-07	0.465	1.700
5997644130051	599764	4130051	4.77E-07	0.477	1.700
5997744130051	599774	4130051	4.90E-07	0.490	1.700
5997844130051	599784	4130051	5.04E-07	0.504	1.700
5997944130051	599794	4130051	5.18E-07	0.518	1.700
5998044130051	599804	4130051	5.33E-07	0.533	1.700
5998144130051	599814	4130051	5.49E-07	0.549	1.700
5997544130061	599754	4130061	4.78E-07	0.478	1.700
5997644130061	599764	4130061	4.91E-07	0.491	1.700
5997744130061	599774	4130061	5.04E-07	0.504	1.700
5997844130061	599784	4130061	5.18E-07	0.518	1.700
5997944130061	599794	4130061	5.33E-07	0.533	1.700
5998044130061	599804	4130061	5.49E-07	0.549	1.700
5998144130061	599814	4130061	5.65E-07	0.565	1.700
5998244130061	599824	4130061	5.82E-07	0.582	1.700
5998344130061	599834	4130061	6.00E-07	0.600	1.700
5997544130071	599754	4130071	4.90E-07	0.490	1.700
5997644130071	599764	4130071	5.04E-07	0.504	1.700
5997744130071	599774	4130071	5.18E-07	0.518	1.700
5997844130071	599784	4130071	5.32E-07	0.532	1.700
5997944130071	599794	4130071	5.48E-07	0.548	1.700
5998044130071	599804	4130071	5.64E-07	0.564	1.700
5998144130071	599814	4130071	5.81E-07	0.581	1.700
5998244130071	599824	4130071	5.99E-07	0.599	1.700
5998344130071	599834	4130071	6.17E-07	0.617	1.700
5998444130071	599844	4130071	6.37E-07	0.637	1.700
5997544130081	599754	4130081	5.03E-07	0.503	1.700
5997644130081	599764	4130081	5.17E-07	0.517	1.700
5997744130081	599774	4130081	5.32E-07	0.532	1.700
5997844130081	599784	4130081	5.47E-07	0.547	1.700
5997944130081	599794	4130081	5.63E-07	0.563	1.700

5998044130081	599804	4130081	5.79E-07	0.579	1.700
5998144130081	599814	4130081	5.97E-07	0.597	1.700
5998244130081	599824	4130081	6.15E-07	0.615	1.700
5998344130081	599834	4130081	6.35E-07	0.635	1.700
5998444130081	599844	4130081	6.55E-07	0.655	1.700
5998544130081	599854	4130081	6.76E-07	0.676	1.700
5997544130091	599754	4130091	5.16E-07	0.516	1.700
5997644130091	599764	4130091	5.30E-07	0.530	1.700
5997744130091	599774	4130091	5.45E-07	0.545	1.700
5997844130091	599784	4130091	5.61E-07	0.561	1.700
5997944130091	599794	4130091	5.78E-07	0.578	1.700
5998044130091	599804	4130091	5.95E-07	0.595	1.700
5998144130091	599814	4130091	6.13E-07	0.613	1.700
5998244130091	599824	4130091	6.32E-07	0.632	1.700
5998344130091	599834	4130091	6.52E-07	0.652	1.700
5998444130091	599844	4130091	6.73E-07	0.673	1.700
5998544130091	599854	4130091	6.95E-07	0.695	1.700
5998644130091	599864	4130091	7.18E-07	0.718	1.700
5997544130101	599754	4130101	5.29E-07	0.529	1.700
5997644130101	599764	4130101	5.44E-07	0.544	1.700
5997744130101	599774	4130101	5.59E-07	0.559	1.700
5997844130101	599784	4130101	5.75E-07	0.575	1.700
5997944130101	599794	4130101	5.92E-07	0.592	1.700
5998044130101	599804	4130101	6.11E-07	0.611	1.700
5998144130101	599814	4130101	6.29E-07	0.629	1.700
5998244130101	599824	4130101	6.49E-07	0.649	1.700
5998344130101	599834	4130101	6.69E-07	0.669	1.700
5998444130101	599844	4130101	6.91E-07	0.691	1.700
5998544130101	599854	4130101	7.14E-07	0.714	1.700
5998644130101	599864	4130101	7.38E-07	0.738	1.700
5998744130101	599874	4130101	7.63E-07	0.763	1.700
5998844130101	599884	4130101	7.90E-07	0.790	1.700
5997544130111	599754	4130111	5.42E-07	0.542	1.700
5997644130111	599764	4130111	5.57E-07	0.557	1.700
5997744130111	599774	4130111	5.73E-07	0.573	1.700
5997844130111	599784	4130111	5.90E-07	0.590	1.700
5997944130111	599794	4130111	6.07E-07	0.607	1.700
5998044130111	599804	4130111	6.26E-07	0.626	1.700
5998144130111	599814	4130111	6.45E-07	0.645	1.700
5998244130111	599824	4130111	6.65E-07	0.665	1.700
5998344130111	599834	4130111	6.87E-07	0.687	1.700
5998444130111	599844	4130111	7.09E-07	0.709	1.700
5998544130111	599854	4130111	7.33E-07	0.733	1.700
5998644130111	599864	4130111	7.57E-07	0.757	1.700
5998744130111	599874	4130111	7.83E-07	0.783	1.700
5998844130111	599884	4130111	8.11E-07	0.811	1.700
5998944130111	599894	4130111	8.40E-07	0.840	1.700
5997544130121	599754	4130121	5.55E-07	0.555	1.700
5997644130121	599764	4130121	5.71E-07	0.571	1.700
5997744130121	599774	4130121	5.87E-07	0.587	1.700
5997844130121	599784	4130121	6.05E-07	0.605	1.700
5997944130121	599794	4130121	6.23E-07	0.623	1.700
5998044130121	599804	4130121	6.42E-07	0.642	1.700
5998144130121	599814	4130121	6.61E-07	0.661	1.700
5998244130121	599824	4130121	6.82E-07	0.682	1.700

5998344130121	599834	4130121	7.04E-07	0.704	1.700
5998444130121	599844	4130121	7.27E-07	0.727	1.700
5998544130121	599854	4130121	7.51E-07	0.751	1.700
5998644130121	599864	4130121	7.77E-07	0.777	1.700
5998744130121	599874	4130121	8.03E-07	0.803	1.700
5998844130121	599884	4130121	8.32E-07	0.832	1.700
5998944130121	599894	4130121	8.61E-07	0.861	1.700
5999044130121	599904	4130121	8.93E-07	0.893	1.700
5997544130131	599754	4130131	5.68E-07	0.568	1.700
5997644130131	599764	4130131	5.84E-07	0.584	1.700
5997744130131	599774	4130131	6.01E-07	0.601	1.700
5997844130131	599784	4130131	6.19E-07	0.619	1.700
5997944130131	599794	4130131	6.37E-07	0.637	1.700
5998044130131	599804	4130131	6.57E-07	0.657	1.700
5998144130131	599814	4130131	6.77E-07	0.677	1.700
5998244130131	599824	4130131	6.98E-07	0.698	1.700
5998344130131	599834	4130131	7.21E-07	0.721	1.700
5998444130131	599844	4130131	7.45E-07	0.745	1.700
5998544130131	599854	4130131	7.69E-07	0.769	1.700
5998644130131	599864	4130131	7.95E-07	0.795	1.700
5998744130131	599874	4130131	8.23E-07	0.823	1.700
5998844130131	599884	4130131	8.52E-07	0.852	1.700
5998944130131	599894	4130131	8.82E-07	0.882	1.700
5999044130131	599904	4130131	9.15E-07	0.915	1.700
5999144130131	599914	4130131	9.49E-07	0.949	1.700
5997544130141	599754	4130141	5.80E-07	0.580	1.700
5997644130141	599764	4130141	5.97E-07	0.597	1.700
5997744130141	599774	4130141	6.15E-07	0.615	1.700
5997844130141	599784	4130141	6.33E-07	0.633	1.700
5997944130141	599794	4130141	6.52E-07	0.652	1.700
5998044130141	599804	4130141	6.72E-07	0.672	1.700
5998144130141	599814	4130141	6.92E-07	0.692	1.700
5998244130141	599824	4130141	7.15E-07	0.715	1.700
5998344130141	599834	4130141	7.38E-07	0.738	1.700
5998444130141	599844	4130141	7.62E-07	0.762	1.700
5998544130141	599854	4130141	7.87E-07	0.787	1.700
5998644130141	599864	4130141	8.14E-07	0.814	1.700
5998744130141	599874	4130141	8.42E-07	0.842	1.700
5998844130141	599884	4130141	8.71E-07	0.871	1.700
5998944130141	599894	4130141	9.03E-07	0.903	1.700
5999044130141	599904	4130141	9.36E-07	0.936	1.700
5999144130141	599914	4130141	9.70E-07	0.970	1.700
5999244130141	599924	4130141	1.01E-06	1.007	1.700
5997544130151	599754	4130151	5.93E-07	0.593	1.700
5997644130151	599764	4130151	6.10E-07	0.610	1.700
5997744130151	599774	4130151	6.28E-07	0.628	1.700
5997844130151	599784	4130151	6.47E-07	0.647	1.700
5997944130151	599794	4130151	6.66E-07	0.666	1.700
5998044130151	599804	4130151	6.87E-07	0.687	1.700
5998144130151	599814	4130151	7.08E-07	0.708	1.700
5998244130151	599824	4130151	7.30E-07	0.730	1.700
5998344130151	599834	4130151	7.54E-07	0.754	1.700
5998444130151	599844	4130151	7.78E-07	0.778	1.700
5998544130151	599854	4130151	8.04E-07	0.804	1.700
5998644130151	599864	4130151	8.32E-07	0.832	1.700

5998744130151	599874	4130151	8.60E-07	0.860	1.700
5998844130151	599884	4130151	8.90E-07	0.890	1.700
5998944130151	599894	4130151	9.22E-07	0.922	1.700
5999044130151	599904	4130151	9.56E-07	0.956	1.700
5999144130151	599914	4130151	9.91E-07	0.991	1.700
5999244130151	599924	4130151	1.03E-06	1.029	1.700
5999344130151	599934	4130151	1.07E-06	1.068	1.700
5999444130151	599944	4130151	1.11E-06	1.111	1.700
5997544130161	599754	4130161	6.06E-07	0.606	1.700
5997644130161	599764	4130161	6.23E-07	0.623	1.700
5997744130161	599774	4130161	6.41E-07	0.641	1.700
5997844130161	599784	4130161	6.60E-07	0.660	1.700
5997944130161	599794	4130161	6.80E-07	0.680	1.700
5998044130161	599804	4130161	7.01E-07	0.701	1.700
5998144130161	599814	4130161	7.23E-07	0.723	1.700
5998244130161	599824	4130161	7.46E-07	0.746	1.700
5998344130161	599834	4130161	7.70E-07	0.770	1.700
5998444130161	599844	4130161	7.95E-07	0.795	1.700
5998544130161	599854	4130161	8.21E-07	0.821	1.700
5998644130161	599864	4130161	8.49E-07	0.849	1.700
5998744130161	599874	4130161	8.78E-07	0.878	1.700
5998844130161	599884	4130161	9.09E-07	0.909	1.700
5998944130161	599894	4130161	9.41E-07	0.941	1.700
5999044130161	599904	4130161	9.75E-07	0.975	1.700
5999144130161	599914	4130161	1.01E-06	1.011	1.700
5999244130161	599924	4130161	1.05E-06	1.049	1.700
5999344130161	599934	4130161	1.09E-06	1.089	1.700
5999444130161	599944	4130161	1.13E-06	1.131	1.700
5999544130161	599954	4130161	1.18E-06	1.177	1.700
5997544130171	599754	4130171	6.18E-07	0.618	1.700
5997644130171	599764	4130171	6.36E-07	0.636	1.700
5997744130171	599774	4130171	6.54E-07	0.654	1.700
5997844130171	599784	4130171	6.74E-07	0.674	1.700
5997944130171	599794	4130171	6.94E-07	0.694	1.700
5998044130171	599804	4130171	7.15E-07	0.715	1.700
5998144130171	599814	4130171	7.37E-07	0.737	1.700
5998244130171	599824	4130171	7.60E-07	0.760	1.700
5998344130171	599834	4130171	7.85E-07	0.785	1.700
5998444130171	599844	4130171	8.10E-07	0.810	1.700
5998544130171	599854	4130171	8.37E-07	0.837	1.700
5998644130171	599864	4130171	8.65E-07	0.865	1.700
5998744130171	599874	4130171	8.95E-07	0.895	1.700
5998844130171	599884	4130171	9.26E-07	0.926	1.700
5998944130171	599894	4130171	9.59E-07	0.959	1.700
5999044130171	599904	4130171	9.92E-07	0.992	1.700
5999144130171	599914	4130171	1.03E-06	1.029	1.700
5999244130171	599924	4130171	1.07E-06	1.068	1.700
5999344130171	599934	4130171	1.11E-06	1.108	1.700
5999444130171	599944	4130171	1.15E-06	1.151	1.700
5999544130171	599954	4130171	1.20E-06	1.196	1.700
5999644130171	599964	4130171	1.24E-06	1.244	1.700
5997544130181	599754	4130181	6.30E-07	0.630	1.700
5997644130181	599764	4130181	6.48E-07	0.648	1.700
5997744130181	599774	4130181	6.67E-07	0.667	1.700
5997844130181	599784	4130181	6.86E-07	0.686	1.700

5997944130181	599794	4130181	7.07E-07	0.707	1.700
5998044130181	599804	4130181	7.29E-07	0.729	1.700
5998144130181	599814	4130181	7.51E-07	0.751	1.700
5998244130181	599824	4130181	7.75E-07	0.775	1.700
5998344130181	599834	4130181	7.99E-07	0.799	1.700
5998444130181	599844	4130181	8.25E-07	0.825	1.700
5998544130181	599854	4130181	8.52E-07	0.852	1.700
5998644130181	599864	4130181	8.81E-07	0.881	1.700
5998744130181	599874	4130181	9.10E-07	0.910	1.700
5998844130181	599884	4130181	9.42E-07	0.942	1.700
5998944130181	599894	4130181	9.75E-07	0.975	1.700
5999044130181	599904	4130181	1.01E-06	1.010	1.700
5999144130181	599914	4130181	1.05E-06	1.046	1.700
5999244130181	599924	4130181	1.08E-06	1.085	1.700
5999344130181	599934	4130181	1.13E-06	1.125	1.700
5999444130181	599944	4130181	1.17E-06	1.168	1.700
5999544130181	599954	4130181	1.21E-06	1.213	1.700
5999644130181	599964	4130181	1.26E-06	1.261	1.700
5999744130181	599974	4130181	1.31E-06	1.312	1.700
5997644130191	599764	4130191	6.60E-07	0.660	1.700
5997744130191	599774	4130191	6.79E-07	0.679	1.700
5997844130191	599784	4130191	6.99E-07	0.699	1.700
5997944130191	599794	4130191	7.20E-07	0.720	1.700
5998044130191	599804	4130191	7.42E-07	0.742	1.700
5998144130191	599814	4130191	7.65E-07	0.765	1.700
5998244130191	599824	4130191	7.89E-07	0.789	1.700
5998344130191	599834	4130191	8.14E-07	0.814	1.700
5998444130191	599844	4130191	8.39E-07	0.839	1.700
5998544130191	599854	4130191	8.67E-07	0.867	1.700
5998644130191	599864	4130191	8.96E-07	0.896	1.700
5998744130191	599874	4130191	9.26E-07	0.926	1.700
5998844130191	599884	4130191	9.57E-07	0.957	1.700
5998944130191	599894	4130191	9.90E-07	0.990	1.700
5999044130191	599904	4130191	1.03E-06	1.026	1.700
5999144130191	599914	4130191	1.06E-06	1.062	1.700
5999244130191	599924	4130191	1.10E-06	1.100	1.700
5999344130191	599934	4130191	1.14E-06	1.141	1.700
5999444130191	599944	4130191	1.18E-06	1.184	1.700
5999544130191	599954	4130191	1.23E-06	1.229	1.700
5999644130191	599964	4130191	1.28E-06	1.276	1.700
5999744130191	599974	4130191	1.33E-06	1.327	1.700
5999844130191	599984	4130191	1.38E-06	1.379	1.700
5999944130191	599994	4130191	1.43E-06	1.435	1.700
5997744130201	599774	4130201	6.91E-07	0.691	1.700
5997844130201	599784	4130201	7.11E-07	0.711	1.700
5997944130201	599794	4130201	7.33E-07	0.733	1.700
5998044130201	599804	4130201	7.55E-07	0.755	1.700
5998144130201	599814	4130201	7.78E-07	0.778	1.700
5998244130201	599824	4130201	8.02E-07	0.802	1.700
5998344130201	599834	4130201	8.27E-07	0.827	1.700
5998444130201	599844	4130201	8.53E-07	0.853	1.700
5998544130201	599854	4130201	8.81E-07	0.881	1.700
5998644130201	599864	4130201	9.09E-07	0.909	1.700
5998744130201	599874	4130201	9.40E-07	0.940	1.700
5998844130201	599884	4130201	9.72E-07	0.972	1.700



5998944130201	599894	4130201	1.00E-06	1.005	1.700
5999044130201	599904	4130201	1.04E-06	1.040	1.700
5999144130201	599914	4130201	1.08E-06	1.077	1.700
5999244130201	599924	4130201	1.12E-06	1.115	1.700
5999344130201	599934	4130201	1.16E-06	1.155	1.700
5999444130201	599944	4130201	1.20E-06	1.198	1.700
5999544130201	599954	4130201	1.24E-06	1.243	1.700
5999644130201	599964	4130201	1.29E-06	1.289	1.700
5999744130201	599974	4130201	1.34E-06	1.339	1.700
5999844130201	599984	4130201	1.39E-06	1.391	1.700
5997844130211	599784	4130211	7.23E-07	0.723	1.700
5997944130211	599794	4130211	7.44E-07	0.744	1.700
5998044130211	599804	4130211	7.67E-07	0.767	1.700
5998144130211	599814	4130211	7.90E-07	0.790	1.700
5998244130211	599824	4130211	8.14E-07	0.814	1.700
5998344130211	599834	4130211	8.39E-07	0.839	1.700
5998444130211	599844	4130211	8.66E-07	0.866	1.700
5998544130211	599854	4130211	8.94E-07	0.894	1.700
5998644130211	599864	4130211	9.22E-07	0.922	1.700
5998744130211	599874	4130211	9.53E-07	0.953	1.700
5998844130211	599884	4130211	9.85E-07	0.985	1.700
5998944130211	599894	4130211	1.02E-06	1.018	1.700
5999044130211	599904	4130211	1.05E-06	1.053	1.700
5999144130211	599914	4130211	1.09E-06	1.089	1.700
5999244130211	599924	4130211	1.13E-06	1.128	1.700
5999344130211	599934	4130211	1.17E-06	1.168	1.700
5999444130211	599944	4130211	1.21E-06	1.210	1.700
5999544130211	599954	4130211	1.25E-06	1.254	1.700
5999644130211	599964	4130211	1.30E-06	1.301	1.700
5999744130211	599974	4130211	1.35E-06	1.349	1.700
5999844130211	599984	4130211	1.40E-06	1.401	1.700
5997944130221	599794	4130221	7.56E-07	0.756	1.700
5998044130221	599804	4130221	7.78E-07	0.778	1.700
5998144130221	599814	4130221	8.01E-07	0.801	1.700
5998244130221	599824	4130221	8.26E-07	0.826	1.700
5998344130221	599834	4130221	8.51E-07	0.851	1.700
5998444130221	599844	4130221	8.77E-07	0.877	1.700
5998544130221	599854	4130221	9.06E-07	0.906	1.700
5998644130221	599864	4130221	9.35E-07	0.935	1.700
5998744130221	599874	4130221	9.65E-07	0.965	1.700
5998844130221	599884	4130221	9.96E-07	0.996	1.700
5998944130221	599894	4130221	1.03E-06	1.030	1.700
5999044130221	599904	4130221	1.06E-06	1.065	1.700
5999144130221	599914	4130221	1.10E-06	1.101	1.700
5999244130221	599924	4130221	1.14E-06	1.139	1.700
5999344130221	599934	4130221	1.18E-06	1.179	1.700
5999444130221	599944	4130221	1.22E-06	1.221	1.700
5999544130221	599954	4130221	1.26E-06	1.264	1.700
5999644130221	599964	4130221	1.31E-06	1.310	1.700
5999744130221	599974	4130221	1.36E-06	1.358	1.700
5998044130231	599804	4130231	7.89E-07	0.789	1.700
5998144130231	599814	4130231	8.12E-07	0.812	1.700
5998244130231	599824	4130231	8.37E-07	0.837	1.700
5998344130231	599834	4130231	8.62E-07	0.862	1.700
5998444130231	599844	4130231	8.89E-07	0.889	1.700

5998544130231	599854	4130231	9.16E-07	0.916	1.700
5998644130231	599864	4130231	9.45E-07	0.945	1.700
5998744130231	599874	4130231	9.76E-07	0.976	1.700
5998844130231	599884	4130231	1.01E-06	1.008	1.700
5998944130231	599894	4130231	1.04E-06	1.041	1.700
5999044130231	599904	4130231	1.08E-06	1.075	1.700
5999144130231	599914	4130231	1.11E-06	1.111	1.700
5999244130231	599924	4130231	1.15E-06	1.149	1.700
5999344130231	599934	4130231	1.19E-06	1.188	1.700
5999444130231	599944	4130231	1.23E-06	1.229	1.700
5999544130231	599954	4130231	1.27E-06	1.272	1.700
5999644130231	599964	4130231	1.32E-06	1.317	1.700
5998244130241	599824	4130241	8.47E-07	0.847	1.700
5998344130241	599834	4130241	8.72E-07	0.872	1.700
5998444130241	599844	4130241	8.99E-07	0.899	1.700
5998544130241	599854	4130241	9.27E-07	0.927	1.700
5998644130241	599864	4130241	9.56E-07	0.956	1.700
5998744130241	599874	4130241	9.86E-07	0.986	1.700
5998844130241	599884	4130241	1.02E-06	1.017	1.700
5998944130241	599894	4130241	1.05E-06	1.050	1.700
5999044130241	599904	4130241	1.08E-06	1.084	1.700
5999144130241	599914	4130241	1.12E-06	1.120	1.700
5999244130241	599924	4130241	1.16E-06	1.157	1.700
5999344130241	599934	4130241	1.20E-06	1.196	1.700
5999444130241	599944	4130241	1.24E-06	1.236	1.700
5999544130241	599954	4130241	1.28E-06	1.278	1.700
5999644130241	599964	4130241	1.32E-06	1.322	1.700
5998344130251	599834	4130251	8.82E-07	0.882	1.700
5998444130251	599844	4130251	9.08E-07	0.908	1.700
5998544130251	599854	4130251	9.36E-07	0.936	1.700
5998644130251	599864	4130251	9.64E-07	0.964	1.700
5998744130251	599874	4130251	9.94E-07	0.994	1.700
5998844130251	599884	4130251	1.03E-06	1.026	1.700
5998944130251	599894	4130251	1.06E-06	1.058	1.700
5999044130251	599904	4130251	1.09E-06	1.092	1.700
5999144130251	599914	4130251	1.13E-06	1.127	1.700
5999244130251	599924	4130251	1.16E-06	1.164	1.700
5999344130251	599934	4130251	1.20E-06	1.202	1.700
5999444130251	599944	4130251	1.24E-06	1.241	1.700
5999544130251	599954	4130251	1.28E-06	1.283	1.700
5998444130261	599844	4130261	9.16E-07	0.916	1.700
5998544130261	599854	4130261	9.44E-07	0.944	1.700
5998644130261	599864	4130261	9.72E-07	0.972	1.700
5998744130261	599874	4130261	1.00E-06	1.002	1.700
5998844130261	599884	4130261	1.03E-06	1.033	1.700
5998944130261	599894	4130261	1.06E-06	1.065	1.700
5999044130261	599904	4130261	1.10E-06	1.098	1.700
5999144130261	599914	4130261	1.13E-06	1.133	1.700
5999244130261	599924	4130261	1.17E-06	1.169	1.700
5999344130261	599934	4130261	1.21E-06	1.206	1.700
5999444130261	599944	4130261	1.24E-06	1.245	1.700
5998544130271	599854	4130271	9.51E-07	0.951	1.700
5998644130271	599864	4130271	9.79E-07	0.979	1.700
5998744130271	599874	4130271	1.01E-06	1.008	1.700
5998844130271	599884	4130271	1.04E-06	1.039	1.700

5998944130271	599894	4130271	1.07E-06	1.070	1.700
5999044130271	599904	4130271	1.10E-06	1.103	1.700
5999144130271	599914	4130271	1.14E-06	1.137	1.700
5999244130271	599924	4130271	1.17E-06	1.172	1.700
5999344130271	599934	4130271	1.21E-06	1.209	1.700
5999444130271	599944	4130271	1.25E-06	1.247	1.700
5998644130281	599864	4130281	9.85E-07	0.985	1.700
5998744130281	599874	4130281	1.01E-06	1.013	1.700
5998844130281	599884	4130281	1.04E-06	1.043	1.700
5998944130281	599894	4130281	1.07E-06	1.074	1.700
5999044130281	599904	4130281	1.11E-06	1.107	1.700
5999144130281	599914	4130281	1.14E-06	1.140	1.700
5999244130281	599924	4130281	1.17E-06	1.175	1.700
5999344130281	599934	4130281	1.21E-06	1.210	1.700
5998844130291	599884	4130291	1.05E-06	1.047	1.700
5998944130291	599894	4130291	1.08E-06	1.077	1.700
5999044130291	599904	4130291	1.11E-06	1.109	1.700
5999144130291	599914	4130291	1.14E-06	1.142	1.700
5999244130291	599924	4130291	1.18E-06	1.175	1.700
5998944130301	599894	4130301	1.08E-06	1.079	1.700
5999044130301	599904	4130301	1.11E-06	1.110	1.700
5999144130301	599914	4130301	1.14E-06	1.142	1.700
5999244130301	599924	4130301	1.17E-06	1.175	1.700
5999044130311	599904	4130311	1.11E-06	1.110	1.700
5999144130311	599914	4130311	1.14E-06	1.141	1.700
600476.114129997.43	600476.11	4129997.43	2.54E-05	25.351	1.700
600542.034129901.18	600542.03	4129901.18	1.87E-05	18.706	1.700
600613.194129963.35	600613.19	4129963.35	4.33E-05	43.313	1.700
600542.44130050.24	600542.4	4130050.24	1.93E-05	19.277	1.700

**Chronic HI**

**Resident Risk**

Total Cumulative Risk (per million)	Project Max Hazard Index	Cumulative Sources HI	Total Cumulative HI
2.642	2.53E-04	2.00E-02	2.03E-02
2.690	2.66E-04	2.00E-02	2.03E-02
2.738	2.79E-04	2.00E-02	2.03E-02
2.786	2.92E-04	2.00E-02	2.03E-02
2.836	3.05E-04	2.00E-02	2.03E-02
2.884	3.18E-04	2.00E-02	2.03E-02
2.412	1.91E-04	2.00E-02	2.02E-02
2.453	2.02E-04	2.00E-02	2.02E-02
2.495	2.14E-04	2.00E-02	2.02E-02
2.539	2.26E-04	2.00E-02	2.02E-02
2.586	2.38E-04	2.00E-02	2.02E-02
2.634	2.51E-04	2.00E-02	2.03E-02
2.684	2.65E-04	2.00E-02	2.03E-02
2.735	2.78E-04	2.00E-02	2.03E-02
2.786	2.92E-04	2.00E-02	2.03E-02
2.839	3.06E-04	2.00E-02	2.03E-02
2.891	3.20E-04	2.00E-02	2.03E-02
2.943	3.34E-04	2.00E-02	2.03E-02
2.995	3.48E-04	2.00E-02	2.03E-02
3.046	3.62E-04	2.00E-02	2.04E-02
3.095	3.75E-04	2.00E-02	2.04E-02
3.141	3.87E-04	2.00E-02	2.04E-02
3.185	3.99E-04	2.00E-02	2.04E-02
3.228	4.10E-04	2.00E-02	2.04E-02
2.293	1.59E-04	2.00E-02	2.02E-02
2.326	1.68E-04	2.00E-02	2.02E-02
2.361	1.78E-04	2.00E-02	2.02E-02
2.399	1.88E-04	2.00E-02	2.02E-02
2.439	1.99E-04	2.00E-02	2.02E-02
2.482	2.10E-04	2.00E-02	2.02E-02
2.527	2.22E-04	2.00E-02	2.02E-02
2.574	2.35E-04	2.00E-02	2.02E-02
2.624	2.48E-04	2.00E-02	2.02E-02
2.676	2.62E-04	2.00E-02	2.03E-02
2.730	2.77E-04	2.00E-02	2.03E-02
2.784	2.91E-04	2.00E-02	2.03E-02
2.840	3.06E-04	2.00E-02	2.03E-02
2.895	3.21E-04	2.00E-02	2.03E-02
2.951	3.36E-04	2.00E-02	2.03E-02
3.008	3.51E-04	2.00E-02	2.04E-02
3.064	3.66E-04	2.00E-02	2.04E-02

XY	X
6008274130C	600827
6008274130C	600827
6008374130C	600837
6008174130C	600817
6008274130C	600827
6008374130C	600837
6008474130C	600847
6008074130C	600807
6008174130C	600817
6008274130C	600827
6008374130C	600837
6008474130C	600847
6008574130C	600857
6008674130C	600867
6007974130C	600797
6008074130C	600807
6008174130C	600817
6008274130C	600827
6008374130C	600837
6008474130C	600847
6008574130C	600857
6008674130C	600867
6008774130C	600877
6007974130C	600797
6008074130C	600807
6008174130C	600817
6008274130C	600827
6008374130C	600837
6008474130C	600847
6008574130C	600857
6008674130C	600867
6008774130C	600877
6008874130C	600887
6008074130C	600807
6008174130C	600817
6008274130C	600827
6008374130C	600837
6008474130C	600847
6008574130C	600857
6008674130C	600867
6008774130C	600877

3.117	3.81E-04	2.00E-02	2.04E-02	6008874130C	600887
3.170	3.95E-04	2.00E-02	2.04E-02	6008974130C	600897
3.220	4.08E-04	2.00E-02	2.04E-02	6008274130C	600827
3.265	4.20E-04	2.00E-02	2.04E-02	6008374130C	600837
3.309	4.32E-04	2.00E-02	2.04E-02	6008474130C	600847
3.350	4.43E-04	2.00E-02	2.04E-02	6008574130C	600857
3.388	4.54E-04	2.00E-02	2.05E-02	6008674130C	600867
3.423	4.63E-04	2.00E-02	2.05E-02	6008774130C	600877
2.250	1.48E-04	2.00E-02	2.01E-02	6008874130C	600887
2.280	1.56E-04	2.00E-02	2.02E-02	6008974130C	600897
2.312	1.64E-04	2.00E-02	2.02E-02	6008374130C	600837
2.347	1.74E-04	2.00E-02	2.02E-02	6008474130C	600847
2.384	1.84E-04	2.00E-02	2.02E-02	6008574130C	600857
2.424	1.95E-04	2.00E-02	2.02E-02	6008674130C	600867
2.468	2.06E-04	2.00E-02	2.02E-02	6008774130C	600877
2.513	2.19E-04	2.00E-02	2.02E-02	6008874130C	600887
2.561	2.31E-04	2.00E-02	2.02E-02	6008974130C	600897
2.612	2.45E-04	2.00E-02	2.02E-02	6008474130C	600847
2.666	2.59E-04	2.00E-02	2.03E-02	6008574130C	600857
2.722	2.74E-04	2.00E-02	2.03E-02	6008674130C	600867
2.778	2.90E-04	2.00E-02	2.03E-02	6008774130C	600877
2.837	3.06E-04	2.00E-02	2.03E-02	6008874130C	600887
2.897	3.22E-04	2.00E-02	2.03E-02	6008974130C	600897
2.956	3.38E-04	2.00E-02	2.03E-02	60085741301	600857
3.017	3.54E-04	2.00E-02	2.04E-02	60086741301	600867
3.078	3.70E-04	2.00E-02	2.04E-02	60087741301	600877
3.136	3.86E-04	2.00E-02	2.04E-02	60088741301	600887
3.194	4.01E-04	2.00E-02	2.04E-02	60086741301	600867
3.250	4.16E-04	2.00E-02	2.04E-02	60087741301	600877
3.304	4.31E-04	2.00E-02	2.04E-02	60088741301	600887
3.353	4.44E-04	2.00E-02	2.04E-02	5997544130C	599754
3.397	4.56E-04	2.00E-02	2.05E-02	5997644130C	599764
3.440	4.68E-04	2.00E-02	2.05E-02	5997744130C	599774
3.478	4.78E-04	2.00E-02	2.05E-02	5997844130C	599784
3.514	4.88E-04	2.00E-02	2.05E-02	5997944130C	599794
3.546	4.96E-04	2.00E-02	2.05E-02	5997544130C	599754
3.574	5.03E-04	2.00E-02	2.05E-02	5997644130C	599764
3.598	5.10E-04	2.00E-02	2.05E-02	5997744130C	599774
2.212	1.38E-04	2.00E-02	2.01E-02	5997844130C	599784
2.238	1.45E-04	2.00E-02	2.01E-02	5997944130C	599794
2.266	1.52E-04	2.00E-02	2.02E-02	5998044130C	599804
2.298	1.61E-04	2.00E-02	2.02E-02	5997544130C	599754
2.331	1.70E-04	2.00E-02	2.02E-02	5997644130C	599764
2.368	1.80E-04	2.00E-02	2.02E-02	5997744130C	599774
2.408	1.90E-04	2.00E-02	2.02E-02	5997844130C	599784
2.451	2.02E-04	2.00E-02	2.02E-02	5997944130C	599794
2.497	2.14E-04	2.00E-02	2.02E-02	5998044130C	599804
2.546	2.27E-04	2.00E-02	2.02E-02	5998144130C	599814
2.597	2.41E-04	2.00E-02	2.02E-02	5997544130C	599754
2.652	2.56E-04	2.00E-02	2.03E-02	5997644130C	599764
2.710	2.71E-04	2.00E-02	2.03E-02	5997744130C	599774
2.769	2.87E-04	2.00E-02	2.03E-02	5997844130C	599784
2.831	3.04E-04	2.00E-02	2.03E-02	5997944130C	599794
2.894	3.21E-04	2.00E-02	2.03E-02	5998044130C	599804
2.958	3.38E-04	2.00E-02	2.03E-02	5998144130C	599814

3.023	3.56E-04	2.00E-02	2.04E-02	5998244130C	599824
3.088	3.73E-04	2.00E-02	2.04E-02	5998344130C	599834
3.153	3.90E-04	2.00E-02	2.04E-02	5997544130C	599754
3.216	4.07E-04	2.00E-02	2.04E-02	5997644130C	599764
3.277	4.24E-04	2.00E-02	2.04E-02	5997744130C	599774
3.336	4.40E-04	2.00E-02	2.04E-02	5997844130C	599784
3.393	4.55E-04	2.00E-02	2.05E-02	5997944130C	599794
3.445	4.69E-04	2.00E-02	2.05E-02	5998044130C	599804
3.494	4.82E-04	2.00E-02	2.05E-02	5998144130C	599814
3.538	4.94E-04	2.00E-02	2.05E-02	5998244130C	599824
3.577	5.04E-04	2.00E-02	2.05E-02	5998344130C	599834
3.614	5.14E-04	2.00E-02	2.05E-02	5998444130C	599844
3.646	5.23E-04	2.00E-02	2.05E-02	5997544130C	599754
3.674	5.31E-04	2.00E-02	2.05E-02	5997644130C	599764
3.699	5.37E-04	2.00E-02	2.05E-02	5997744130C	599774
3.719	5.43E-04	2.00E-02	2.05E-02	5997844130C	599784
3.736	5.47E-04	2.00E-02	2.05E-02	5997944130C	599794
2.180	1.29E-04	2.00E-02	2.01E-02	5998044130C	599804
2.202	1.35E-04	2.00E-02	2.01E-02	5998144130C	599814
2.227	1.42E-04	2.00E-02	2.01E-02	5998244130C	599824
2.254	1.49E-04	2.00E-02	2.01E-02	5998344130C	599834
2.284	1.57E-04	2.00E-02	2.02E-02	5998444130C	599844
2.316	1.66E-04	2.00E-02	2.02E-02	5998544130C	599854
2.352	1.75E-04	2.00E-02	2.02E-02	5997544130C	599754
2.391	1.86E-04	2.00E-02	2.02E-02	5997644130C	599764
2.434	1.97E-04	2.00E-02	2.02E-02	5997744130C	599774
2.479	2.09E-04	2.00E-02	2.02E-02	5997844130C	599784
2.529	2.23E-04	2.00E-02	2.02E-02	5997944130C	599794
2.581	2.37E-04	2.00E-02	2.02E-02	5998044130C	599804
2.636	2.52E-04	2.00E-02	2.03E-02	5998144130C	599814
2.695	2.67E-04	2.00E-02	2.03E-02	5998244130C	599824
2.756	2.84E-04	2.00E-02	2.03E-02	5998344130C	599834
2.821	3.01E-04	2.00E-02	2.03E-02	5998444130C	599844
2.888	3.19E-04	2.00E-02	2.03E-02	5998544130C	599854
2.955	3.37E-04	2.00E-02	2.03E-02	5998644130C	599864
3.024	3.56E-04	2.00E-02	2.04E-02	59975441301	599754
3.096	3.75E-04	2.00E-02	2.04E-02	59976441301	599764
3.166	3.94E-04	2.00E-02	2.04E-02	59977441301	599774
3.235	4.12E-04	2.00E-02	2.04E-02	59978441301	599784
3.302	4.30E-04	2.00E-02	2.04E-02	59979441301	599794
3.368	4.48E-04	2.00E-02	2.04E-02	59980441301	599804
3.431	4.65E-04	2.00E-02	2.05E-02	59981441301	599814
3.491	4.81E-04	2.00E-02	2.05E-02	59982441301	599824
3.546	4.96E-04	2.00E-02	2.05E-02	59983441301	599834
3.596	5.10E-04	2.00E-02	2.05E-02	59984441301	599844
3.643	5.22E-04	2.00E-02	2.05E-02	59985441301	599854
3.686	5.34E-04	2.00E-02	2.05E-02	59986441301	599864
3.722	5.43E-04	2.00E-02	2.05E-02	59987441301	599874
3.754	5.52E-04	2.00E-02	2.06E-02	59988441301	599884
3.783	5.60E-04	2.00E-02	2.06E-02	59975441301	599754
3.808	5.66E-04	2.00E-02	2.06E-02	59976441301	599764
3.828	5.72E-04	2.00E-02	2.06E-02	59977441301	599774
3.844	5.76E-04	2.00E-02	2.06E-02	59978441301	599784
3.859	5.80E-04	2.00E-02	2.06E-02	59979441301	599794
3.866	5.82E-04	2.00E-02	2.06E-02	59980441301	599804

2.173	1.27E-04	2.00E-02	2.01E-02	59981441301	599814
2.194	1.33E-04	2.00E-02	2.01E-02	59982441301	599824
2.217	1.39E-04	2.00E-02	2.01E-02	59983441301	599834
2.242	1.46E-04	2.00E-02	2.01E-02	59984441301	599844
2.271	1.53E-04	2.00E-02	2.02E-02	59985441301	599854
2.302	1.62E-04	2.00E-02	2.02E-02	59986441301	599864
2.336	1.71E-04	2.00E-02	2.02E-02	59987441301	599874
2.374	1.81E-04	2.00E-02	2.02E-02	59988441301	599884
2.415	1.92E-04	2.00E-02	2.02E-02	59989441301	599894
2.460	2.04E-04	2.00E-02	2.02E-02	59975441301	599754
2.509	2.17E-04	2.00E-02	2.02E-02	59976441301	599764
2.562	2.32E-04	2.00E-02	2.02E-02	59977441301	599774
2.618	2.47E-04	2.00E-02	2.02E-02	59978441301	599784
2.677	2.63E-04	2.00E-02	2.03E-02	59979441301	599794
2.741	2.80E-04	2.00E-02	2.03E-02	59980441301	599804
2.807	2.97E-04	2.00E-02	2.03E-02	59981441301	599814
2.877	3.16E-04	2.00E-02	2.03E-02	59982441301	599824
2.949	3.36E-04	2.00E-02	2.03E-02	59983441301	599834
3.022	3.55E-04	2.00E-02	2.04E-02	59984441301	599844
3.098	3.76E-04	2.00E-02	2.04E-02	59985441301	599854
3.175	3.96E-04	2.00E-02	2.04E-02	59986441301	599864
3.250	4.17E-04	2.00E-02	2.04E-02	59987441301	599874
3.325	4.37E-04	2.00E-02	2.04E-02	59988441301	599884
3.397	4.56E-04	2.00E-02	2.05E-02	59989441301	599894
3.467	4.75E-04	2.00E-02	2.05E-02	59990441301	599904
3.534	4.93E-04	2.00E-02	2.05E-02	59975441301	599754
3.597	5.10E-04	2.00E-02	2.05E-02	59976441301	599764
3.657	5.26E-04	2.00E-02	2.05E-02	59977441301	599774
3.710	5.40E-04	2.00E-02	2.05E-02	59978441301	599784
3.759	5.53E-04	2.00E-02	2.06E-02	59979441301	599794
3.803	5.65E-04	2.00E-02	2.06E-02	59980441301	599804
3.841	5.75E-04	2.00E-02	2.06E-02	59981441301	599814
3.872	5.84E-04	2.00E-02	2.06E-02	59982441301	599824
3.900	5.91E-04	2.00E-02	2.06E-02	59983441301	599834
3.925	5.98E-04	2.00E-02	2.06E-02	59984441301	599844
3.945	6.03E-04	2.00E-02	2.06E-02	59985441301	599854
3.963	6.08E-04	2.00E-02	2.06E-02	59986441301	599864
3.973	6.11E-04	2.00E-02	2.06E-02	59987441301	599874
3.981	6.13E-04	2.00E-02	2.06E-02	59988441301	599884
3.987	6.14E-04	2.00E-02	2.06E-02	59989441301	599894
3.989	6.15E-04	2.00E-02	2.06E-02	59990441301	599904
2.151	1.21E-04	2.00E-02	2.01E-02	59991441301	599914
2.168	1.26E-04	2.00E-02	2.01E-02	59975441301	599754
2.187	1.31E-04	2.00E-02	2.01E-02	59976441301	599764
2.208	1.37E-04	2.00E-02	2.01E-02	59977441301	599774
2.232	1.43E-04	2.00E-02	2.01E-02	59978441301	599784
2.259	1.50E-04	2.00E-02	2.02E-02	59979441301	599794
2.288	1.58E-04	2.00E-02	2.02E-02	59980441301	599804
2.321	1.67E-04	2.00E-02	2.02E-02	59981441301	599814
2.357	1.76E-04	2.00E-02	2.02E-02	59982441301	599824
2.397	1.87E-04	2.00E-02	2.02E-02	59983441301	599834
2.441	1.99E-04	2.00E-02	2.02E-02	59984441301	599844
2.489	2.12E-04	2.00E-02	2.02E-02	59985441301	599854
2.541	2.26E-04	2.00E-02	2.02E-02	59986441301	599864
2.597	2.41E-04	2.00E-02	2.02E-02	59987441301	599874

2.658	2.57E-04	2.00E-02	2.03E-02	59988441301	599884
2.722	2.75E-04	2.00E-02	2.03E-02	59989441301	599894
2.791	2.93E-04	2.00E-02	2.03E-02	59990441301	599904
2.862	3.12E-04	2.00E-02	2.03E-02	59991441301	599914
2.937	3.32E-04	2.00E-02	2.03E-02	59992441301	599924
3.014	3.53E-04	2.00E-02	2.04E-02	59975441301	599754
3.096	3.75E-04	2.00E-02	2.04E-02	59976441301	599764
3.178	3.97E-04	2.00E-02	2.04E-02	59977441301	599774
3.259	4.19E-04	2.00E-02	2.04E-02	59978441301	599784
3.342	4.41E-04	2.00E-02	2.04E-02	59979441301	599794
3.422	4.63E-04	2.00E-02	2.05E-02	59980441301	599804
3.501	4.84E-04	2.00E-02	2.05E-02	59981441301	599814
3.577	5.04E-04	2.00E-02	2.05E-02	59982441301	599824
3.648	5.23E-04	2.00E-02	2.05E-02	59983441301	599834
3.715	5.41E-04	2.00E-02	2.05E-02	59984441301	599844
3.776	5.58E-04	2.00E-02	2.06E-02	59985441301	599854
3.831	5.73E-04	2.00E-02	2.06E-02	59986441301	599864
3.883	5.87E-04	2.00E-02	2.06E-02	59987441301	599874
3.930	5.99E-04	2.00E-02	2.06E-02	59988441301	599884
3.971	6.10E-04	2.00E-02	2.06E-02	59989441301	599894
4.002	6.19E-04	2.00E-02	2.06E-02	59990441301	599904
4.028	6.25E-04	2.00E-02	2.06E-02	59991441301	599914
4.053	6.32E-04	2.00E-02	2.06E-02	59992441301	599924
4.074	6.38E-04	2.00E-02	2.06E-02	59993441301	599934
4.088	6.42E-04	2.00E-02	2.06E-02	59994441301	599944
4.097	6.44E-04	2.00E-02	2.06E-02	59975441301	599754
4.105	6.46E-04	2.00E-02	2.06E-02	59976441301	599764
4.109	6.47E-04	2.00E-02	2.06E-02	59977441301	599774
4.111	6.48E-04	2.00E-02	2.06E-02	59978441301	599784
4.111	6.48E-04	2.00E-02	2.06E-02	59979441301	599794
2.149	1.21E-04	2.00E-02	2.01E-02	59980441301	599804
2.165	1.25E-04	2.00E-02	2.01E-02	59981441301	599814
2.183	1.30E-04	2.00E-02	2.01E-02	59982441301	599824
2.202	1.35E-04	2.00E-02	2.01E-02	59983441301	599834
2.224	1.41E-04	2.00E-02	2.01E-02	59984441301	599844
2.249	1.47E-04	2.00E-02	2.01E-02	59985441301	599854
2.276	1.55E-04	2.00E-02	2.02E-02	59986441301	599864
2.307	1.63E-04	2.00E-02	2.02E-02	59987441301	599874
2.341	1.72E-04	2.00E-02	2.02E-02	59988441301	599884
2.379	1.82E-04	2.00E-02	2.02E-02	59989441301	599894
2.421	1.94E-04	2.00E-02	2.02E-02	59990441301	599904
2.469	2.07E-04	2.00E-02	2.02E-02	59991441301	599914
2.520	2.20E-04	2.00E-02	2.02E-02	59992441301	599924
2.575	2.35E-04	2.00E-02	2.02E-02	59993441301	599934
2.635	2.51E-04	2.00E-02	2.03E-02	59994441301	599944
2.699	2.69E-04	2.00E-02	2.03E-02	59995441301	599954
2.769	2.87E-04	2.00E-02	2.03E-02	59975441301	599754
2.843	3.07E-04	2.00E-02	2.03E-02	59976441301	599764
2.921	3.28E-04	2.00E-02	2.03E-02	59977441301	599774
3.002	3.50E-04	2.00E-02	2.03E-02	59978441301	599784
3.087	3.73E-04	2.00E-02	2.04E-02	59979441301	599794
3.176	3.97E-04	2.00E-02	2.04E-02	59980441301	599804
3.263	4.20E-04	2.00E-02	2.04E-02	59981441301	599814
3.353	4.44E-04	2.00E-02	2.04E-02	59982441301	599824
3.442	4.68E-04	2.00E-02	2.05E-02	59983441301	599834



3.529	4.91E-04	2.00E-02	2.05E-02	59984441301	599844
3.614	5.14E-04	2.00E-02	2.05E-02	59985441301	599854
3.696	5.36E-04	2.00E-02	2.05E-02	59986441301	599864
3.772	5.57E-04	2.00E-02	2.06E-02	59987441301	599874
3.842	5.76E-04	2.00E-02	2.06E-02	59988441301	599884
3.907	5.93E-04	2.00E-02	2.06E-02	59989441301	599894
3.963	6.08E-04	2.00E-02	2.06E-02	59990441301	599904
4.019	6.23E-04	2.00E-02	2.06E-02	59991441301	599914
4.067	6.36E-04	2.00E-02	2.06E-02	59992441301	599924
4.108	6.47E-04	2.00E-02	2.06E-02	59993441301	599934
4.141	6.56E-04	2.00E-02	2.07E-02	59994441301	599944
4.167	6.63E-04	2.00E-02	2.07E-02	59995441301	599954
4.192	6.70E-04	2.00E-02	2.07E-02	59996441301	599964
4.211	6.75E-04	2.00E-02	2.07E-02	59975441301	599754
4.223	6.78E-04	2.00E-02	2.07E-02	59976441301	599764
4.233	6.81E-04	2.00E-02	2.07E-02	59977441301	599774
4.239	6.82E-04	2.00E-02	2.07E-02	59978441301	599784
4.243	6.83E-04	2.00E-02	2.07E-02	59979441301	599794
4.244	6.84E-04	2.00E-02	2.07E-02	59980441301	599804
4.242	6.83E-04	2.00E-02	2.07E-02	59981441301	599814
4.238	6.82E-04	2.00E-02	2.07E-02	59982441301	599824
2.135	1.17E-04	2.00E-02	2.01E-02	59983441301	599834
2.149	1.21E-04	2.00E-02	2.01E-02	59984441301	599844
2.163	1.24E-04	2.00E-02	2.01E-02	59985441301	599854
2.180	1.29E-04	2.00E-02	2.01E-02	59986441301	599864
2.198	1.34E-04	2.00E-02	2.01E-02	59987441301	599874
2.218	1.39E-04	2.00E-02	2.01E-02	59988441301	599884
2.241	1.45E-04	2.00E-02	2.01E-02	59989441301	599894
2.266	1.52E-04	2.00E-02	2.02E-02	59990441301	599904
2.295	1.60E-04	2.00E-02	2.02E-02	59991441301	599914
2.327	1.68E-04	2.00E-02	2.02E-02	59992441301	599924
2.362	1.78E-04	2.00E-02	2.02E-02	59993441301	599934
2.402	1.89E-04	2.00E-02	2.02E-02	59994441301	599944
2.448	2.01E-04	2.00E-02	2.02E-02	59995441301	599954
2.498	2.14E-04	2.00E-02	2.02E-02	59996441301	599964
2.551	2.29E-04	2.00E-02	2.02E-02	59997441301	599974
2.611	2.45E-04	2.00E-02	2.02E-02	59976441301	599764
2.675	2.62E-04	2.00E-02	2.03E-02	59977441301	599774
2.744	2.81E-04	2.00E-02	2.03E-02	59978441301	599784
2.820	3.01E-04	2.00E-02	2.03E-02	59979441301	599794
2.899	3.22E-04	2.00E-02	2.03E-02	59980441301	599804
2.983	3.45E-04	2.00E-02	2.03E-02	59981441301	599814
3.073	3.69E-04	2.00E-02	2.04E-02	59982441301	599824
3.167	3.94E-04	2.00E-02	2.04E-02	59983441301	599834
3.261	4.19E-04	2.00E-02	2.04E-02	59984441301	599844
3.357	4.45E-04	2.00E-02	2.04E-02	59985441301	599854
3.455	4.71E-04	2.00E-02	2.05E-02	59986441301	599864
3.551	4.97E-04	2.00E-02	2.05E-02	59987441301	599874
3.646	5.23E-04	2.00E-02	2.05E-02	59988441301	599884
3.738	5.48E-04	2.00E-02	2.05E-02	59989441301	599894
3.826	5.71E-04	2.00E-02	2.06E-02	59990441301	599904
3.908	5.93E-04	2.00E-02	2.06E-02	59991441301	599914
3.983	6.14E-04	2.00E-02	2.06E-02	59992441301	599924
4.052	6.32E-04	2.00E-02	2.06E-02	59993441301	599934
4.112	6.48E-04	2.00E-02	2.06E-02	59994441301	599944

4.168	6.63E-04	2.00E-02	2.07E-02	59995441301	599954
4.218	6.77E-04	2.00E-02	2.07E-02	59996441301	599964
4.258	6.87E-04	2.00E-02	2.07E-02	59997441301	599974
4.292	6.96E-04	2.00E-02	2.07E-02	59998441301	599984
4.319	7.04E-04	2.00E-02	2.07E-02	59999441301	599994
4.343	7.10E-04	2.00E-02	2.07E-02	59977441302	599774
4.360	7.15E-04	2.00E-02	2.07E-02	59978441302	599784
4.372	7.18E-04	2.00E-02	2.07E-02	59979441302	599794
4.380	7.20E-04	2.00E-02	2.07E-02	59980441302	599804
4.386	7.22E-04	2.00E-02	2.07E-02	59981441302	599814
4.388	7.22E-04	2.00E-02	2.07E-02	59982441302	599824
4.387	7.22E-04	2.00E-02	2.07E-02	59983441302	599834
4.384	7.21E-04	2.00E-02	2.07E-02	59984441302	599844
4.378	7.20E-04	2.00E-02	2.07E-02	59985441302	599854
4.371	7.18E-04	2.00E-02	2.07E-02	59986441302	599864
4.362	7.15E-04	2.00E-02	2.07E-02	59987441302	599874
2.138	1.18E-04	2.00E-02	2.01E-02	59988441302	599884
2.150	1.21E-04	2.00E-02	2.01E-02	59989441302	599894
2.164	1.25E-04	2.00E-02	2.01E-02	59990441302	599904
2.178	1.29E-04	2.00E-02	2.01E-02	59991441302	599914
2.195	1.33E-04	2.00E-02	2.01E-02	59992441302	599924
2.214	1.38E-04	2.00E-02	2.01E-02	59993441302	599934
2.235	1.44E-04	2.00E-02	2.01E-02	59994441302	599944
2.258	1.50E-04	2.00E-02	2.02E-02	59995441302	599954
2.285	1.57E-04	2.00E-02	2.02E-02	59996441302	599964
2.314	1.65E-04	2.00E-02	2.02E-02	59997441302	599974
2.347	1.74E-04	2.00E-02	2.02E-02	59998441302	599984
2.384	1.84E-04	2.00E-02	2.02E-02	59978441302	599784
2.428	1.96E-04	2.00E-02	2.02E-02	59979441302	599794
2.475	2.08E-04	2.00E-02	2.02E-02	59980441302	599804
2.527	2.22E-04	2.00E-02	2.02E-02	59981441302	599814
2.585	2.38E-04	2.00E-02	2.02E-02	59982441302	599824
2.649	2.55E-04	2.00E-02	2.03E-02	59983441302	599834
2.717	2.73E-04	2.00E-02	2.03E-02	59984441302	599844
2.792	2.94E-04	2.00E-02	2.03E-02	59985441302	599854
2.874	3.15E-04	2.00E-02	2.03E-02	59986441302	599864
2.960	3.38E-04	2.00E-02	2.03E-02	59987441302	599874
3.053	3.63E-04	2.00E-02	2.04E-02	59988441302	599884
3.151	3.90E-04	2.00E-02	2.04E-02	59989441302	599894
3.251	4.17E-04	2.00E-02	2.04E-02	59990441302	599904
3.355	4.45E-04	2.00E-02	2.04E-02	59991441302	599914
3.461	4.73E-04	2.00E-02	2.05E-02	59992441302	599924
3.567	5.02E-04	2.00E-02	2.05E-02	59993441302	599934
3.671	5.30E-04	2.00E-02	2.05E-02	59994441302	599944
3.775	5.58E-04	2.00E-02	2.06E-02	59995441302	599954
3.874	5.84E-04	2.00E-02	2.06E-02	59996441302	599964
3.969	6.10E-04	2.00E-02	2.06E-02	59997441302	599974
4.057	6.33E-04	2.00E-02	2.06E-02	59998441302	599984
4.137	6.55E-04	2.00E-02	2.07E-02	59979441302	599794
4.210	6.74E-04	2.00E-02	2.07E-02	59980441302	599804
4.275	6.92E-04	2.00E-02	2.07E-02	59981441302	599814
4.332	7.07E-04	2.00E-02	2.07E-02	59982441302	599824
4.383	7.21E-04	2.00E-02	2.07E-02	59983441302	599834
4.425	7.32E-04	2.00E-02	2.07E-02	59984441302	599844
4.456	7.41E-04	2.00E-02	2.07E-02	59985441302	599854

4.486	7.48E-04	2.00E-02	2.07E-02	59986441302	599864
4.508	7.54E-04	2.00E-02	2.08E-02	59987441302	599874
4.523	7.59E-04	2.00E-02	2.08E-02	59988441302	599884
4.534	7.62E-04	2.00E-02	2.08E-02	59989441302	599894
4.541	7.63E-04	2.00E-02	2.08E-02	59990441302	599904
4.545	7.64E-04	2.00E-02	2.08E-02	59991441302	599914
4.545	7.65E-04	2.00E-02	2.08E-02	59992441302	599924
4.543	7.64E-04	2.00E-02	2.08E-02	59993441302	599934
4.538	7.63E-04	2.00E-02	2.08E-02	59994441302	599944
4.531	7.61E-04	2.00E-02	2.08E-02	59995441302	599954
4.521	7.58E-04	2.00E-02	2.08E-02	59996441302	599964
4.510	7.55E-04	2.00E-02	2.08E-02	59997441302	599974
4.497	7.52E-04	2.00E-02	2.08E-02	59980441302	599804
2.143	1.19E-04	2.00E-02	2.01E-02	59981441302	599814
2.154	1.22E-04	2.00E-02	2.01E-02	59982441302	599824
2.166	1.25E-04	2.00E-02	2.01E-02	59983441302	599834
2.180	1.29E-04	2.00E-02	2.01E-02	59984441302	599844
2.195	1.33E-04	2.00E-02	2.01E-02	59985441302	599854
2.212	1.38E-04	2.00E-02	2.01E-02	59986441302	599864
2.231	1.43E-04	2.00E-02	2.01E-02	59987441302	599874
2.252	1.48E-04	2.00E-02	2.01E-02	59988441302	599884
2.277	1.55E-04	2.00E-02	2.02E-02	59989441302	599894
2.304	1.62E-04	2.00E-02	2.02E-02	59990441302	599904
2.335	1.71E-04	2.00E-02	2.02E-02	59991441302	599914
2.370	1.80E-04	2.00E-02	2.02E-02	59992441302	599924
2.409	1.90E-04	2.00E-02	2.02E-02	59993441302	599934
2.454	2.03E-04	2.00E-02	2.02E-02	59994441302	599944
2.503	2.16E-04	2.00E-02	2.02E-02	59995441302	599954
2.559	2.31E-04	2.00E-02	2.02E-02	59996441302	599964
2.621	2.47E-04	2.00E-02	2.02E-02	59982441302	599824
2.688	2.66E-04	2.00E-02	2.03E-02	59983441302	599834
2.762	2.85E-04	2.00E-02	2.03E-02	59984441302	599844
2.844	3.07E-04	2.00E-02	2.03E-02	59985441302	599854
2.931	3.31E-04	2.00E-02	2.03E-02	59986441302	599864
3.026	3.56E-04	2.00E-02	2.04E-02	59987441302	599874
3.129	3.84E-04	2.00E-02	2.04E-02	59988441302	599884
3.235	4.13E-04	2.00E-02	2.04E-02	59989441302	599894
3.346	4.42E-04	2.00E-02	2.04E-02	59990441302	599904
3.459	4.73E-04	2.00E-02	2.05E-02	59991441302	599914
3.575	5.04E-04	2.00E-02	2.05E-02	59992441302	599924
3.691	5.35E-04	2.00E-02	2.05E-02	59993441302	599934
3.805	5.66E-04	2.00E-02	2.06E-02	59994441302	599944
3.918	5.96E-04	2.00E-02	2.06E-02	59995441302	599954
4.024	6.25E-04	2.00E-02	2.06E-02	59996441302	599964
4.126	6.52E-04	2.00E-02	2.07E-02	59983441302	599834
4.220	6.77E-04	2.00E-02	2.07E-02	59984441302	599844
4.307	7.01E-04	2.00E-02	2.07E-02	59985441302	599854
4.385	7.22E-04	2.00E-02	2.07E-02	59986441302	599864
4.455	7.40E-04	2.00E-02	2.07E-02	59987441302	599874
4.513	7.56E-04	2.00E-02	2.08E-02	59988441302	599884
4.564	7.70E-04	2.00E-02	2.08E-02	59989441302	599894
4.604	7.80E-04	2.00E-02	2.08E-02	59990441302	599904
4.639	7.90E-04	2.00E-02	2.08E-02	59991441302	599914
4.666	7.97E-04	2.00E-02	2.08E-02	59992441302	599924
4.687	8.03E-04	2.00E-02	2.08E-02	59993441302	599934

4.702	8.07E-04	2.00E-02	2.08E-02	59994441302	599944
4.711	8.09E-04	2.00E-02	2.08E-02	59995441302	599954
4.717	8.11E-04	2.00E-02	2.08E-02	59984441302	599844
4.718	8.11E-04	2.00E-02	2.08E-02	59985441302	599854
4.717	8.11E-04	2.00E-02	2.08E-02	59986441302	599864
4.713	8.10E-04	2.00E-02	2.08E-02	59987441302	599874
4.706	8.08E-04	2.00E-02	2.08E-02	59988441302	599884
4.696	8.05E-04	2.00E-02	2.08E-02	59989441302	599894
4.684	8.02E-04	2.00E-02	2.08E-02	59990441302	599904
4.671	7.98E-04	2.00E-02	2.08E-02	59991441302	599914
4.655	7.94E-04	2.00E-02	2.08E-02	59992441302	599924
4.638	7.90E-04	2.00E-02	2.08E-02	59993441302	599934
2.150	1.21E-04	2.00E-02	2.01E-02	59994441302	599944
2.160	1.24E-04	2.00E-02	2.01E-02	59985441302	599854
2.171	1.27E-04	2.00E-02	2.01E-02	59986441302	599864
2.183	1.30E-04	2.00E-02	2.01E-02	59987441302	599874
2.197	1.34E-04	2.00E-02	2.01E-02	59988441302	599884
2.212	1.38E-04	2.00E-02	2.01E-02	59989441302	599894
2.230	1.42E-04	2.00E-02	2.01E-02	59990441302	599904
2.249	1.48E-04	2.00E-02	2.01E-02	59991441302	599914
2.271	1.53E-04	2.00E-02	2.02E-02	59992441302	599924
2.296	1.60E-04	2.00E-02	2.02E-02	59993441302	599934
2.325	1.68E-04	2.00E-02	2.02E-02	59994441302	599944
2.356	1.76E-04	2.00E-02	2.02E-02	59986441302	599864
2.393	1.86E-04	2.00E-02	2.02E-02	59987441302	599874
2.434	1.97E-04	2.00E-02	2.02E-02	59988441302	599884
2.481	2.10E-04	2.00E-02	2.02E-02	59989441302	599894
2.533	2.24E-04	2.00E-02	2.02E-02	59990441302	599904
2.593	2.40E-04	2.00E-02	2.02E-02	59991441302	599914
2.658	2.57E-04	2.00E-02	2.03E-02	59992441302	599924
2.730	2.77E-04	2.00E-02	2.03E-02	59993441302	599934
2.811	2.99E-04	2.00E-02	2.03E-02	59988441302	599884
2.899	3.22E-04	2.00E-02	2.03E-02	59989441302	599894
2.994	3.48E-04	2.00E-02	2.03E-02	59990441302	599904
3.100	3.76E-04	2.00E-02	2.04E-02	59991441302	599914
3.212	4.06E-04	2.00E-02	2.04E-02	59992441302	599924
3.327	4.37E-04	2.00E-02	2.04E-02	59989441302	599894
3.449	4.70E-04	2.00E-02	2.05E-02	59990441302	599904
3.575	5.04E-04	2.00E-02	2.05E-02	59991441302	599914
3.702	5.38E-04	2.00E-02	2.05E-02	59992441302	599924
3.828	5.72E-04	2.00E-02	2.06E-02	59990441302	599904
3.954	6.06E-04	2.00E-02	2.06E-02	59991441302	599914
4.076	6.39E-04	2.00E-02	2.06E-02		
4.193	6.70E-04	2.00E-02	2.07E-02		
4.301	6.99E-04	2.00E-02	2.07E-02		
4.403	7.26E-04	2.00E-02	2.07E-02		
4.497	7.51E-04	2.00E-02	2.08E-02		
4.580	7.74E-04	2.00E-02	2.08E-02		
4.653	7.93E-04	2.00E-02	2.08E-02		
4.714	8.10E-04	2.00E-02	2.08E-02		
4.763	8.23E-04	2.00E-02	2.08E-02		
4.803	8.34E-04	2.00E-02	2.08E-02		
4.840	8.44E-04	2.00E-02	2.08E-02		
4.867	8.51E-04	2.00E-02	2.09E-02		
4.887	8.56E-04	2.00E-02	2.09E-02		

4.899	8.59E-04	2.00E-02	2.09E-02
4.906	8.61E-04	2.00E-02	2.09E-02
4.909	8.62E-04	2.00E-02	2.09E-02
4.909	8.62E-04	2.00E-02	2.09E-02
4.905	8.61E-04	2.00E-02	2.09E-02
4.899	8.60E-04	2.00E-02	2.09E-02
4.889	8.57E-04	2.00E-02	2.09E-02
4.876	8.53E-04	2.00E-02	2.09E-02
4.862	8.50E-04	2.00E-02	2.08E-02
4.845	8.45E-04	2.00E-02	2.08E-02
4.827	8.40E-04	2.00E-02	2.08E-02
4.806	8.35E-04	2.00E-02	2.08E-02
4.784	8.29E-04	2.00E-02	2.08E-02
2.158	1.23E-04	2.00E-02	2.01E-02
2.168	1.26E-04	2.00E-02	2.01E-02
2.178	1.28E-04	2.00E-02	2.01E-02
2.189	1.32E-04	2.00E-02	2.01E-02
2.202	1.35E-04	2.00E-02	2.01E-02
2.216	1.39E-04	2.00E-02	2.01E-02
2.232	1.43E-04	2.00E-02	2.01E-02
2.249	1.48E-04	2.00E-02	2.01E-02
2.269	1.53E-04	2.00E-02	2.02E-02
2.292	1.59E-04	2.00E-02	2.02E-02
2.317	1.66E-04	2.00E-02	2.02E-02
2.346	1.74E-04	2.00E-02	2.02E-02
2.379	1.83E-04	2.00E-02	2.02E-02
2.417	1.93E-04	2.00E-02	2.02E-02
2.461	2.04E-04	2.00E-02	2.02E-02
2.510	2.18E-04	2.00E-02	2.02E-02
2.565	2.33E-04	2.00E-02	2.02E-02
2.628	2.49E-04	2.00E-02	2.02E-02
2.696	2.68E-04	2.00E-02	2.03E-02
2.776	2.89E-04	2.00E-02	2.03E-02
2.863	3.12E-04	2.00E-02	2.03E-02
2.958	3.38E-04	2.00E-02	2.03E-02
3.064	3.67E-04	2.00E-02	2.04E-02
3.179	3.97E-04	2.00E-02	2.04E-02
3.300	4.30E-04	2.00E-02	2.04E-02
3.428	4.64E-04	2.00E-02	2.05E-02
3.563	5.01E-04	2.00E-02	2.05E-02
3.701	5.38E-04	2.00E-02	2.05E-02
3.840	5.75E-04	2.00E-02	2.06E-02
3.981	6.13E-04	2.00E-02	2.06E-02
4.119	6.50E-04	2.00E-02	2.07E-02
4.253	6.86E-04	2.00E-02	2.07E-02
4.379	7.20E-04	2.00E-02	2.07E-02
4.498	7.52E-04	2.00E-02	2.08E-02
4.609	7.82E-04	2.00E-02	2.08E-02
4.709	8.09E-04	2.00E-02	2.08E-02
4.797	8.32E-04	2.00E-02	2.08E-02
4.872	8.52E-04	2.00E-02	2.09E-02
4.932	8.68E-04	2.00E-02	2.09E-02
4.982	8.82E-04	2.00E-02	2.09E-02
5.026	8.94E-04	2.00E-02	2.09E-02
5.062	9.04E-04	2.00E-02	2.09E-02

5.088	9.10E-04	2.00E-02	2.09E-02
5.105	9.15E-04	2.00E-02	2.09E-02
5.115	9.18E-04	2.00E-02	2.09E-02
5.120	9.19E-04	2.00E-02	2.09E-02
5.121	9.19E-04	2.00E-02	2.09E-02
5.118	9.18E-04	2.00E-02	2.09E-02
5.112	9.17E-04	2.00E-02	2.09E-02
5.102	9.14E-04	2.00E-02	2.09E-02
5.089	9.11E-04	2.00E-02	2.09E-02
5.073	9.06E-04	2.00E-02	2.09E-02
5.054	9.01E-04	2.00E-02	2.09E-02
5.034	8.96E-04	2.00E-02	2.09E-02
5.012	8.90E-04	2.00E-02	2.09E-02
4.987	8.83E-04	2.00E-02	2.09E-02
4.960	8.76E-04	2.00E-02	2.09E-02
4.932	8.68E-04	2.00E-02	2.09E-02
2.168	1.26E-04	2.00E-02	2.01E-02
2.178	1.28E-04	2.00E-02	2.01E-02
2.187	1.31E-04	2.00E-02	2.01E-02
2.198	1.34E-04	2.00E-02	2.01E-02
2.210	1.37E-04	2.00E-02	2.01E-02
2.222	1.40E-04	2.00E-02	2.01E-02
2.237	1.44E-04	2.00E-02	2.01E-02
2.253	1.49E-04	2.00E-02	2.01E-02
2.270	1.53E-04	2.00E-02	2.02E-02
2.290	1.59E-04	2.00E-02	2.02E-02
2.314	1.65E-04	2.00E-02	2.02E-02
2.340	1.72E-04	2.00E-02	2.02E-02
2.370	1.80E-04	2.00E-02	2.02E-02
2.404	1.89E-04	2.00E-02	2.02E-02
2.444	2.00E-04	2.00E-02	2.02E-02
2.489	2.12E-04	2.00E-02	2.02E-02
2.540	2.26E-04	2.00E-02	2.02E-02
2.599	2.42E-04	2.00E-02	2.02E-02
2.665	2.59E-04	2.00E-02	2.03E-02
2.740	2.80E-04	2.00E-02	2.03E-02
2.825	3.02E-04	2.00E-02	2.03E-02
2.918	3.27E-04	2.00E-02	2.03E-02
3.024	3.56E-04	2.00E-02	2.04E-02
3.140	3.87E-04	2.00E-02	2.04E-02
3.264	4.20E-04	2.00E-02	2.04E-02
3.397	4.56E-04	2.00E-02	2.05E-02
3.540	4.94E-04	2.00E-02	2.05E-02
3.690	5.35E-04	2.00E-02	2.05E-02
3.843	5.76E-04	2.00E-02	2.06E-02
3.997	6.17E-04	2.00E-02	2.06E-02
4.153	6.59E-04	2.00E-02	2.07E-02
4.305	7.00E-04	2.00E-02	2.07E-02
4.452	7.39E-04	2.00E-02	2.07E-02
4.590	7.76E-04	2.00E-02	2.08E-02
4.720	8.11E-04	2.00E-02	2.08E-02
4.839	8.43E-04	2.00E-02	2.08E-02
4.944	8.72E-04	2.00E-02	2.09E-02
5.037	8.97E-04	2.00E-02	2.09E-02
5.115	9.18E-04	2.00E-02	2.09E-02

5.175	9.34E-04	2.00E-02	2.09E-02
5.228	9.48E-04	2.00E-02	2.09E-02
5.274	9.60E-04	2.00E-02	2.10E-02
5.309	9.70E-04	2.00E-02	2.10E-02
5.332	9.76E-04	2.00E-02	2.10E-02
5.347	9.80E-04	2.00E-02	2.10E-02
5.355	9.82E-04	2.00E-02	2.10E-02
5.357	9.83E-04	2.00E-02	2.10E-02
5.354	9.82E-04	2.00E-02	2.10E-02
5.348	9.80E-04	2.00E-02	2.10E-02
5.338	9.78E-04	2.00E-02	2.10E-02
5.325	9.74E-04	2.00E-02	2.10E-02
5.308	9.69E-04	2.00E-02	2.10E-02
5.288	9.64E-04	2.00E-02	2.10E-02
5.265	9.58E-04	2.00E-02	2.10E-02
5.240	9.51E-04	2.00E-02	2.10E-02
5.212	9.44E-04	2.00E-02	2.09E-02
5.182	9.36E-04	2.00E-02	2.09E-02
5.149	9.27E-04	2.00E-02	2.09E-02
5.115	9.18E-04	2.00E-02	2.09E-02
5.078	9.08E-04	2.00E-02	2.09E-02
2.189	1.31E-04	2.00E-02	2.01E-02
2.199	1.34E-04	2.00E-02	2.01E-02
2.209	1.37E-04	2.00E-02	2.01E-02
2.220	1.40E-04	2.00E-02	2.01E-02
2.232	1.43E-04	2.00E-02	2.01E-02
2.245	1.46E-04	2.00E-02	2.01E-02
2.259	1.50E-04	2.00E-02	2.02E-02
2.276	1.55E-04	2.00E-02	2.02E-02
2.294	1.60E-04	2.00E-02	2.02E-02
2.314	1.65E-04	2.00E-02	2.02E-02
2.337	1.71E-04	2.00E-02	2.02E-02
2.364	1.78E-04	2.00E-02	2.02E-02
2.395	1.87E-04	2.00E-02	2.02E-02
2.430	1.96E-04	2.00E-02	2.02E-02
2.471	2.07E-04	2.00E-02	2.02E-02
2.518	2.20E-04	2.00E-02	2.02E-02
2.572	2.34E-04	2.00E-02	2.02E-02
2.634	2.51E-04	2.00E-02	2.03E-02
2.705	2.70E-04	2.00E-02	2.03E-02
2.786	2.92E-04	2.00E-02	2.03E-02
2.876	3.16E-04	2.00E-02	2.03E-02
2.979	3.44E-04	2.00E-02	2.03E-02
3.095	3.75E-04	2.00E-02	2.04E-02
3.219	4.08E-04	2.00E-02	2.04E-02
3.356	4.45E-04	2.00E-02	2.04E-02
3.505	4.85E-04	2.00E-02	2.05E-02
3.663	5.28E-04	2.00E-02	2.05E-02
3.829	5.72E-04	2.00E-02	2.06E-02
4.000	6.18E-04	2.00E-02	2.06E-02
4.173	6.64E-04	2.00E-02	2.07E-02
4.345	7.11E-04	2.00E-02	2.07E-02
4.513	7.56E-04	2.00E-02	2.08E-02
4.675	8.00E-04	2.00E-02	2.08E-02
4.828	8.40E-04	2.00E-02	2.08E-02

4.970	8.79E-04	2.00E-02	2.09E-02
5.097	9.13E-04	2.00E-02	2.09E-02
5.210	9.43E-04	2.00E-02	2.09E-02
5.306	9.69E-04	2.00E-02	2.10E-02
5.384	9.90E-04	2.00E-02	2.10E-02
5.448	1.01E-03	2.00E-02	2.10E-02
5.505	1.02E-03	2.00E-02	2.10E-02
5.549	1.03E-03	2.00E-02	2.10E-02
5.582	1.04E-03	2.00E-02	2.10E-02
5.603	1.05E-03	2.00E-02	2.10E-02
5.615	1.05E-03	2.00E-02	2.11E-02
5.620	1.05E-03	2.00E-02	2.11E-02
5.619	1.05E-03	2.00E-02	2.11E-02
5.613	1.05E-03	2.00E-02	2.11E-02
5.602	1.05E-03	2.00E-02	2.10E-02
5.587	1.04E-03	2.00E-02	2.10E-02
5.569	1.04E-03	2.00E-02	2.10E-02
5.548	1.03E-03	2.00E-02	2.10E-02
5.523	1.03E-03	2.00E-02	2.10E-02
5.494	1.02E-03	2.00E-02	2.10E-02
5.463	1.01E-03	2.00E-02	2.10E-02
5.428	1.00E-03	2.00E-02	2.10E-02
5.391	9.92E-04	2.00E-02	2.10E-02
5.351	9.81E-04	2.00E-02	2.10E-02
5.309	9.70E-04	2.00E-02	2.10E-02
5.264	9.58E-04	2.00E-02	2.10E-02
2.203	1.35E-04	2.00E-02	2.01E-02
2.212	1.38E-04	2.00E-02	2.01E-02
2.222	1.40E-04	2.00E-02	2.01E-02
2.232	1.43E-04	2.00E-02	2.01E-02
2.244	1.46E-04	2.00E-02	2.01E-02
2.256	1.49E-04	2.00E-02	2.01E-02
2.269	1.53E-04	2.00E-02	2.02E-02
2.284	1.57E-04	2.00E-02	2.02E-02
2.300	1.61E-04	2.00E-02	2.02E-02
2.319	1.66E-04	2.00E-02	2.02E-02
2.339	1.72E-04	2.00E-02	2.02E-02
2.363	1.78E-04	2.00E-02	2.02E-02
2.390	1.86E-04	2.00E-02	2.02E-02
2.422	1.94E-04	2.00E-02	2.02E-02
2.459	2.04E-04	2.00E-02	2.02E-02
2.502	2.15E-04	2.00E-02	2.02E-02
2.551	2.29E-04	2.00E-02	2.02E-02
2.608	2.44E-04	2.00E-02	2.02E-02
2.673	2.61E-04	2.00E-02	2.03E-02
2.748	2.82E-04	2.00E-02	2.03E-02
2.834	3.05E-04	2.00E-02	2.03E-02
2.933	3.31E-04	2.00E-02	2.03E-02
3.046	3.62E-04	2.00E-02	2.04E-02
3.170	3.95E-04	2.00E-02	2.04E-02
3.306	4.32E-04	2.00E-02	2.04E-02
3.458	4.72E-04	2.00E-02	2.05E-02
3.624	5.17E-04	2.00E-02	2.05E-02
3.799	5.64E-04	2.00E-02	2.06E-02
3.983	6.14E-04	2.00E-02	2.06E-02



4.174	6.65E-04	2.00E-02	2.07E-02
4.368	7.17E-04	2.00E-02	2.07E-02
4.561	7.69E-04	2.00E-02	2.08E-02
4.748	8.19E-04	2.00E-02	2.08E-02
4.926	8.67E-04	2.00E-02	2.09E-02
5.098	9.13E-04	2.00E-02	2.09E-02
5.253	9.55E-04	2.00E-02	2.10E-02
5.389	9.91E-04	2.00E-02	2.10E-02
5.509	1.02E-03	2.00E-02	2.10E-02
5.607	1.05E-03	2.00E-02	2.10E-02
5.688	1.07E-03	2.00E-02	2.11E-02
5.758	1.09E-03	2.00E-02	2.11E-02
5.813	1.11E-03	2.00E-02	2.11E-02
5.857	1.12E-03	2.00E-02	2.11E-02
5.886	1.12E-03	2.00E-02	2.11E-02
5.904	1.13E-03	2.00E-02	2.11E-02
5.913	1.13E-03	2.00E-02	2.11E-02
5.915	1.13E-03	2.00E-02	2.11E-02
5.910	1.13E-03	2.00E-02	2.11E-02
5.899	1.13E-03	2.00E-02	2.11E-02
5.884	1.12E-03	2.00E-02	2.11E-02
5.863	1.12E-03	2.00E-02	2.11E-02
5.839	1.11E-03	2.00E-02	2.11E-02
5.811	1.10E-03	2.00E-02	2.11E-02
5.778	1.10E-03	2.00E-02	2.11E-02
5.743	1.09E-03	2.00E-02	2.11E-02
5.703	1.08E-03	2.00E-02	2.11E-02
5.660	1.06E-03	2.00E-02	2.11E-02
5.614	1.05E-03	2.00E-02	2.11E-02
5.566	1.04E-03	2.00E-02	2.10E-02
5.514	1.02E-03	2.00E-02	2.10E-02
5.460	1.01E-03	2.00E-02	2.10E-02
5.404	9.95E-04	2.00E-02	2.10E-02
2.218	1.39E-04	2.00E-02	2.01E-02
2.227	1.42E-04	2.00E-02	2.01E-02
2.237	1.44E-04	2.00E-02	2.01E-02
2.248	1.47E-04	2.00E-02	2.01E-02
2.258	1.50E-04	2.00E-02	2.01E-02
2.270	1.53E-04	2.00E-02	2.02E-02
2.283	1.57E-04	2.00E-02	2.02E-02
2.296	1.60E-04	2.00E-02	2.02E-02
2.311	1.64E-04	2.00E-02	2.02E-02
2.328	1.69E-04	2.00E-02	2.02E-02
2.347	1.74E-04	2.00E-02	2.02E-02
2.368	1.79E-04	2.00E-02	2.02E-02
2.392	1.86E-04	2.00E-02	2.02E-02
2.420	1.93E-04	2.00E-02	2.02E-02
2.452	2.02E-04	2.00E-02	2.02E-02
2.490	2.12E-04	2.00E-02	2.02E-02
2.534	2.24E-04	2.00E-02	2.02E-02
2.585	2.38E-04	2.00E-02	2.02E-02
2.645	2.54E-04	2.00E-02	2.03E-02
2.714	2.72E-04	2.00E-02	2.03E-02
2.794	2.94E-04	2.00E-02	2.03E-02
2.887	3.19E-04	2.00E-02	2.03E-02

2.995	3.48E-04	2.00E-02	2.03E-02
3.117	3.81E-04	2.00E-02	2.04E-02
3.252	4.17E-04	2.00E-02	2.04E-02
3.403	4.58E-04	2.00E-02	2.05E-02
3.571	5.03E-04	2.00E-02	2.05E-02
3.755	5.52E-04	2.00E-02	2.06E-02
3.950	6.05E-04	2.00E-02	2.06E-02
4.154	6.59E-04	2.00E-02	2.07E-02
4.369	7.17E-04	2.00E-02	2.07E-02
4.587	7.76E-04	2.00E-02	2.08E-02
4.803	8.34E-04	2.00E-02	2.08E-02
5.013	8.90E-04	2.00E-02	2.09E-02
5.213	9.44E-04	2.00E-02	2.09E-02
5.402	9.95E-04	2.00E-02	2.10E-02
5.574	1.04E-03	2.00E-02	2.10E-02
5.720	1.08E-03	2.00E-02	2.11E-02
5.845	1.11E-03	2.00E-02	2.11E-02
5.945	1.14E-03	2.00E-02	2.11E-02
6.034	1.16E-03	2.00E-02	2.12E-02
6.105	1.18E-03	2.00E-02	2.12E-02
6.159	1.20E-03	2.00E-02	2.12E-02
6.200	1.21E-03	2.00E-02	2.12E-02
6.226	1.22E-03	2.00E-02	2.12E-02
6.241	1.22E-03	2.00E-02	2.12E-02
6.247	1.22E-03	2.00E-02	2.12E-02
6.245	1.22E-03	2.00E-02	2.12E-02
6.235	1.22E-03	2.00E-02	2.12E-02
6.218	1.21E-03	2.00E-02	2.12E-02
6.195	1.21E-03	2.00E-02	2.12E-02
6.168	1.20E-03	2.00E-02	2.12E-02
6.135	1.19E-03	2.00E-02	2.12E-02
6.098	1.18E-03	2.00E-02	2.12E-02
6.057	1.17E-03	2.00E-02	2.12E-02
6.011	1.16E-03	2.00E-02	2.12E-02
5.962	1.15E-03	2.00E-02	2.11E-02
5.908	1.13E-03	2.00E-02	2.11E-02
5.851	1.12E-03	2.00E-02	2.11E-02
5.792	1.10E-03	2.00E-02	2.11E-02
5.729	1.08E-03	2.00E-02	2.11E-02
5.664	1.07E-03	2.00E-02	2.11E-02
5.597	1.05E-03	2.00E-02	2.10E-02
5.528	1.03E-03	2.00E-02	2.10E-02
2.244	1.46E-04	2.00E-02	2.01E-02
2.254	1.49E-04	2.00E-02	2.01E-02
2.265	1.52E-04	2.00E-02	2.02E-02
2.276	1.55E-04	2.00E-02	2.02E-02
2.287	1.58E-04	2.00E-02	2.02E-02
2.299	1.61E-04	2.00E-02	2.02E-02
2.312	1.64E-04	2.00E-02	2.02E-02
2.326	1.68E-04	2.00E-02	2.02E-02
2.341	1.72E-04	2.00E-02	2.02E-02
2.358	1.77E-04	2.00E-02	2.02E-02
2.377	1.82E-04	2.00E-02	2.02E-02
2.398	1.88E-04	2.00E-02	2.02E-02
2.423	1.94E-04	2.00E-02	2.02E-02

2.451	2.02E-04	2.00E-02	2.02E-02
2.484	2.11E-04	2.00E-02	2.02E-02
2.523	2.21E-04	2.00E-02	2.02E-02
2.569	2.33E-04	2.00E-02	2.02E-02
2.622	2.48E-04	2.00E-02	2.02E-02
2.684	2.64E-04	2.00E-02	2.03E-02
2.757	2.84E-04	2.00E-02	2.03E-02
2.843	3.07E-04	2.00E-02	2.03E-02
2.945	3.35E-04	2.00E-02	2.03E-02
3.062	3.66E-04	2.00E-02	2.04E-02
3.193	4.01E-04	2.00E-02	2.04E-02
3.342	4.41E-04	2.00E-02	2.04E-02
3.509	4.86E-04	2.00E-02	2.05E-02
3.697	5.37E-04	2.00E-02	2.05E-02
3.900	5.91E-04	2.00E-02	2.06E-02
4.118	6.50E-04	2.00E-02	2.06E-02
4.349	7.12E-04	2.00E-02	2.07E-02
4.589	7.76E-04	2.00E-02	2.08E-02
4.835	8.42E-04	2.00E-02	2.08E-02
5.079	9.08E-04	2.00E-02	2.09E-02
5.315	9.71E-04	2.00E-02	2.10E-02
5.539	1.03E-03	2.00E-02	2.10E-02
5.746	1.09E-03	2.00E-02	2.11E-02
5.935	1.14E-03	2.00E-02	2.11E-02
6.096	1.18E-03	2.00E-02	2.12E-02
6.224	1.22E-03	2.00E-02	2.12E-02
6.333	1.25E-03	2.00E-02	2.12E-02
6.429	1.27E-03	2.00E-02	2.13E-02
6.499	1.29E-03	2.00E-02	2.13E-02
6.551	1.30E-03	2.00E-02	2.13E-02
6.588	1.31E-03	2.00E-02	2.13E-02
6.610	1.32E-03	2.00E-02	2.13E-02
6.622	1.32E-03	2.00E-02	2.13E-02
6.624	1.32E-03	2.00E-02	2.13E-02
6.616	1.32E-03	2.00E-02	2.13E-02
6.598	1.32E-03	2.00E-02	2.13E-02
6.573	1.31E-03	2.00E-02	2.13E-02
6.542	1.30E-03	2.00E-02	2.13E-02
6.504	1.29E-03	2.00E-02	2.13E-02
6.461	1.28E-03	2.00E-02	2.13E-02
6.412	1.27E-03	2.00E-02	2.13E-02
6.358	1.25E-03	2.00E-02	2.13E-02
6.301	1.24E-03	2.00E-02	2.12E-02
6.239	1.22E-03	2.00E-02	2.12E-02
6.172	1.20E-03	2.00E-02	2.12E-02
6.102	1.18E-03	2.00E-02	2.12E-02
6.029	1.16E-03	2.00E-02	2.12E-02
5.953	1.14E-03	2.00E-02	2.11E-02
5.875	1.12E-03	2.00E-02	2.11E-02
5.795	1.10E-03	2.00E-02	2.11E-02
5.713	1.08E-03	2.00E-02	2.11E-02
2.262	1.51E-04	2.00E-02	2.02E-02
2.273	1.54E-04	2.00E-02	2.02E-02
2.284	1.57E-04	2.00E-02	2.02E-02
2.295	1.60E-04	2.00E-02	2.02E-02

2.306	1.63E-04	2.00E-02	2.02E-02
2.319	1.66E-04	2.00E-02	2.02E-02
2.331	1.70E-04	2.00E-02	2.02E-02
2.344	1.73E-04	2.00E-02	2.02E-02
2.359	1.77E-04	2.00E-02	2.02E-02
2.375	1.81E-04	2.00E-02	2.02E-02
2.392	1.86E-04	2.00E-02	2.02E-02
2.411	1.91E-04	2.00E-02	2.02E-02
2.433	1.97E-04	2.00E-02	2.02E-02
2.458	2.04E-04	2.00E-02	2.02E-02
2.487	2.11E-04	2.00E-02	2.02E-02
2.521	2.21E-04	2.00E-02	2.02E-02
2.561	2.31E-04	2.00E-02	2.02E-02
2.608	2.44E-04	2.00E-02	2.02E-02
2.662	2.59E-04	2.00E-02	2.03E-02
2.728	2.76E-04	2.00E-02	2.03E-02
2.805	2.97E-04	2.00E-02	2.03E-02
2.899	3.22E-04	2.00E-02	2.03E-02
3.008	3.51E-04	2.00E-02	2.04E-02
3.132	3.85E-04	2.00E-02	2.04E-02
3.275	4.23E-04	2.00E-02	2.04E-02
3.439	4.67E-04	2.00E-02	2.05E-02
3.626	5.18E-04	2.00E-02	2.05E-02
3.833	5.73E-04	2.00E-02	2.06E-02
4.062	6.35E-04	2.00E-02	2.06E-02
4.308	7.01E-04	2.00E-02	2.07E-02
4.568	7.71E-04	2.00E-02	2.08E-02
4.840	8.44E-04	2.00E-02	2.08E-02
5.118	9.19E-04	2.00E-02	2.09E-02
5.395	9.93E-04	2.00E-02	2.10E-02
5.663	1.06E-03	2.00E-02	2.11E-02
5.913	1.13E-03	2.00E-02	2.11E-02
6.141	1.19E-03	2.00E-02	2.12E-02
6.349	1.25E-03	2.00E-02	2.12E-02
6.522	1.30E-03	2.00E-02	2.13E-02
6.660	1.33E-03	2.00E-02	2.13E-02
6.782	1.37E-03	2.00E-02	2.14E-02
6.878	1.39E-03	2.00E-02	2.14E-02
6.952	1.41E-03	2.00E-02	2.14E-02
7.000	1.42E-03	2.00E-02	2.14E-02
7.029	1.43E-03	2.00E-02	2.14E-02
7.048	1.44E-03	2.00E-02	2.14E-02
7.054	1.44E-03	2.00E-02	2.14E-02
7.048	1.44E-03	2.00E-02	2.14E-02
7.030	1.43E-03	2.00E-02	2.14E-02
7.004	1.43E-03	2.00E-02	2.14E-02
6.969	1.42E-03	2.00E-02	2.14E-02
6.925	1.40E-03	2.00E-02	2.14E-02
6.875	1.39E-03	2.00E-02	2.14E-02
6.818	1.38E-03	2.00E-02	2.14E-02
6.754	1.36E-03	2.00E-02	2.14E-02
6.684	1.34E-03	2.00E-02	2.13E-02
6.610	1.32E-03	2.00E-02	2.13E-02
6.532	1.30E-03	2.00E-02	2.13E-02
6.450	1.28E-03	2.00E-02	2.13E-02

6.364	1.25E-03	2.00E-02	2.13E-02
6.275	1.23E-03	2.00E-02	2.12E-02
6.184	1.20E-03	2.00E-02	2.12E-02
6.090	1.18E-03	2.00E-02	2.12E-02
5.996	1.15E-03	2.00E-02	2.12E-02
5.899	1.13E-03	2.00E-02	2.11E-02
5.803	1.10E-03	2.00E-02	2.11E-02
2.293	1.59E-04	2.00E-02	2.02E-02
2.305	1.63E-04	2.00E-02	2.02E-02
2.316	1.66E-04	2.00E-02	2.02E-02
2.328	1.69E-04	2.00E-02	2.02E-02
2.340	1.72E-04	2.00E-02	2.02E-02
2.353	1.76E-04	2.00E-02	2.02E-02
2.366	1.79E-04	2.00E-02	2.02E-02
2.381	1.83E-04	2.00E-02	2.02E-02
2.395	1.87E-04	2.00E-02	2.02E-02
2.412	1.91E-04	2.00E-02	2.02E-02
2.430	1.96E-04	2.00E-02	2.02E-02
2.449	2.01E-04	2.00E-02	2.02E-02
2.471	2.07E-04	2.00E-02	2.02E-02
2.496	2.14E-04	2.00E-02	2.02E-02
2.526	2.22E-04	2.00E-02	2.02E-02
2.561	2.31E-04	2.00E-02	2.02E-02
2.602	2.42E-04	2.00E-02	2.02E-02
2.649	2.55E-04	2.00E-02	2.03E-02
2.707	2.71E-04	2.00E-02	2.03E-02
2.776	2.89E-04	2.00E-02	2.03E-02
2.859	3.11E-04	2.00E-02	2.03E-02
2.959	3.38E-04	2.00E-02	2.03E-02
3.074	3.69E-04	2.00E-02	2.04E-02
3.209	4.05E-04	2.00E-02	2.04E-02
3.366	4.48E-04	2.00E-02	2.04E-02
3.546	4.96E-04	2.00E-02	2.05E-02
3.751	5.51E-04	2.00E-02	2.06E-02
3.983	6.13E-04	2.00E-02	2.06E-02
4.241	6.83E-04	2.00E-02	2.07E-02
4.520	7.58E-04	2.00E-02	2.08E-02
4.818	8.38E-04	2.00E-02	2.08E-02
5.127	9.21E-04	2.00E-02	2.09E-02
5.446	1.01E-03	2.00E-02	2.10E-02
5.762	1.09E-03	2.00E-02	2.11E-02
6.067	1.17E-03	2.00E-02	2.12E-02
6.349	1.25E-03	2.00E-02	2.12E-02
6.601	1.32E-03	2.00E-02	2.13E-02
6.828	1.38E-03	2.00E-02	2.14E-02
7.014	1.43E-03	2.00E-02	2.14E-02
7.172	1.47E-03	2.00E-02	2.15E-02
7.301	1.51E-03	2.00E-02	2.15E-02
7.398	1.53E-03	2.00E-02	2.15E-02
7.469	1.55E-03	2.00E-02	2.16E-02
7.515	1.56E-03	2.00E-02	2.16E-02
7.539	1.57E-03	2.00E-02	2.16E-02
7.548	1.57E-03	2.00E-02	2.16E-02
7.545	1.57E-03	2.00E-02	2.16E-02
7.528	1.57E-03	2.00E-02	2.16E-02

7.499	1.56E-03	2.00E-02	2.16E-02
7.458	1.55E-03	2.00E-02	2.15E-02
7.408	1.53E-03	2.00E-02	2.15E-02
7.350	1.52E-03	2.00E-02	2.15E-02
7.281	1.50E-03	2.00E-02	2.15E-02
7.206	1.48E-03	2.00E-02	2.15E-02
7.123	1.46E-03	2.00E-02	2.15E-02
7.034	1.43E-03	2.00E-02	2.14E-02
6.940	1.41E-03	2.00E-02	2.14E-02
6.841	1.38E-03	2.00E-02	2.14E-02
6.739	1.35E-03	2.00E-02	2.14E-02
6.635	1.33E-03	2.00E-02	2.13E-02
6.528	1.30E-03	2.00E-02	2.13E-02
6.419	1.27E-03	2.00E-02	2.13E-02
6.307	1.24E-03	2.00E-02	2.12E-02
6.197	1.21E-03	2.00E-02	2.12E-02
6.085	1.18E-03	2.00E-02	2.12E-02
5.973	1.15E-03	2.00E-02	2.11E-02
5.863	1.12E-03	2.00E-02	2.11E-02
2.314	1.65E-04	2.00E-02	2.02E-02
2.326	1.68E-04	2.00E-02	2.02E-02
2.339	1.72E-04	2.00E-02	2.02E-02
2.352	1.75E-04	2.00E-02	2.02E-02
2.365	1.79E-04	2.00E-02	2.02E-02
2.378	1.82E-04	2.00E-02	2.02E-02
2.391	1.86E-04	2.00E-02	2.02E-02
2.406	1.90E-04	2.00E-02	2.02E-02
2.421	1.94E-04	2.00E-02	2.02E-02
2.436	1.98E-04	2.00E-02	2.02E-02
2.453	2.02E-04	2.00E-02	2.02E-02
2.471	2.07E-04	2.00E-02	2.02E-02
2.492	2.13E-04	2.00E-02	2.02E-02
2.514	2.19E-04	2.00E-02	2.02E-02
2.540	2.26E-04	2.00E-02	2.02E-02
2.570	2.34E-04	2.00E-02	2.02E-02
2.606	2.43E-04	2.00E-02	2.02E-02
2.646	2.54E-04	2.00E-02	2.03E-02
2.696	2.68E-04	2.00E-02	2.03E-02
2.756	2.84E-04	2.00E-02	2.03E-02
2.829	3.03E-04	2.00E-02	2.03E-02
2.918	3.27E-04	2.00E-02	2.03E-02
3.022	3.55E-04	2.00E-02	2.04E-02
3.147	3.89E-04	2.00E-02	2.04E-02
3.294	4.28E-04	2.00E-02	2.04E-02
3.466	4.74E-04	2.00E-02	2.05E-02
3.663	5.28E-04	2.00E-02	2.05E-02
3.889	5.88E-04	2.00E-02	2.06E-02
4.149	6.58E-04	2.00E-02	2.07E-02
4.441	7.36E-04	2.00E-02	2.07E-02
4.760	8.22E-04	2.00E-02	2.08E-02
5.101	9.14E-04	2.00E-02	2.09E-02
5.460	1.01E-03	2.00E-02	2.10E-02
5.829	1.11E-03	2.00E-02	2.11E-02
6.191	1.21E-03	2.00E-02	2.12E-02
6.537	1.30E-03	2.00E-02	2.13E-02

6.858	1.39E-03	2.00E-02	2.14E-02
7.142	1.46E-03	2.00E-02	2.15E-02
7.390	1.53E-03	2.00E-02	2.15E-02
7.599	1.59E-03	2.00E-02	2.16E-02
7.769	1.63E-03	2.00E-02	2.16E-02
7.901	1.67E-03	2.00E-02	2.17E-02
8.003	1.69E-03	2.00E-02	2.17E-02
8.069	1.71E-03	2.00E-02	2.17E-02
8.109	1.72E-03	2.00E-02	2.17E-02
8.126	1.73E-03	2.00E-02	2.17E-02
8.124	1.73E-03	2.00E-02	2.17E-02
8.106	1.72E-03	2.00E-02	2.17E-02
8.073	1.71E-03	2.00E-02	2.17E-02
8.026	1.70E-03	2.00E-02	2.17E-02
7.966	1.68E-03	2.00E-02	2.17E-02
7.896	1.67E-03	2.00E-02	2.17E-02
7.814	1.64E-03	2.00E-02	2.16E-02
7.724	1.62E-03	2.00E-02	2.16E-02
7.625	1.59E-03	2.00E-02	2.16E-02
7.519	1.56E-03	2.00E-02	2.16E-02
7.406	1.53E-03	2.00E-02	2.15E-02
7.289	1.50E-03	2.00E-02	2.15E-02
7.165	1.47E-03	2.00E-02	2.15E-02
7.038	1.43E-03	2.00E-02	2.14E-02
6.912	1.40E-03	2.00E-02	2.14E-02
6.785	1.37E-03	2.00E-02	2.14E-02
6.656	1.33E-03	2.00E-02	2.13E-02
6.525	1.30E-03	2.00E-02	2.13E-02
6.394	1.26E-03	2.00E-02	2.13E-02
6.266	1.23E-03	2.00E-02	2.12E-02
6.138	1.19E-03	2.00E-02	2.12E-02
6.012	1.16E-03	2.00E-02	2.12E-02
2.350	1.75E-04	2.00E-02	2.02E-02
2.363	1.78E-04	2.00E-02	2.02E-02
2.377	1.82E-04	2.00E-02	2.02E-02
2.391	1.86E-04	2.00E-02	2.02E-02
2.405	1.89E-04	2.00E-02	2.02E-02
2.419	1.93E-04	2.00E-02	2.02E-02
2.434	1.97E-04	2.00E-02	2.02E-02
2.450	2.01E-04	2.00E-02	2.02E-02
2.465	2.06E-04	2.00E-02	2.02E-02
2.482	2.10E-04	2.00E-02	2.02E-02
2.499	2.15E-04	2.00E-02	2.02E-02
2.518	2.20E-04	2.00E-02	2.02E-02
2.539	2.26E-04	2.00E-02	2.02E-02
2.563	2.32E-04	2.00E-02	2.02E-02
2.590	2.39E-04	2.00E-02	2.02E-02
2.620	2.47E-04	2.00E-02	2.02E-02
2.656	2.57E-04	2.00E-02	2.03E-02
2.698	2.68E-04	2.00E-02	2.03E-02
2.748	2.82E-04	2.00E-02	2.03E-02
2.812	2.99E-04	2.00E-02	2.03E-02
2.889	3.20E-04	2.00E-02	2.03E-02
2.982	3.44E-04	2.00E-02	2.03E-02
3.093	3.74E-04	2.00E-02	2.04E-02

3.227	4.10E-04	2.00E-02	2.04E-02
3.386	4.53E-04	2.00E-02	2.05E-02
3.574	5.04E-04	2.00E-02	2.05E-02
3.791	5.62E-04	2.00E-02	2.06E-02
4.045	6.30E-04	2.00E-02	2.06E-02
4.335	7.08E-04	2.00E-02	2.07E-02
4.666	7.97E-04	2.00E-02	2.08E-02
5.033	8.96E-04	2.00E-02	2.09E-02
5.429	1.00E-03	2.00E-02	2.10E-02
5.845	1.11E-03	2.00E-02	2.11E-02
6.272	1.23E-03	2.00E-02	2.12E-02
6.693	1.34E-03	2.00E-02	2.13E-02
7.094	1.45E-03	2.00E-02	2.14E-02
7.463	1.55E-03	2.00E-02	2.15E-02
7.785	1.64E-03	2.00E-02	2.16E-02
8.061	1.71E-03	2.00E-02	2.17E-02
8.293	1.77E-03	2.00E-02	2.18E-02
8.476	1.82E-03	2.00E-02	2.18E-02
8.616	1.86E-03	2.00E-02	2.19E-02
8.715	1.89E-03	2.00E-02	2.19E-02
8.771	1.90E-03	2.00E-02	2.19E-02
8.800	1.91E-03	2.00E-02	2.19E-02
8.807	1.91E-03	2.00E-02	2.19E-02
8.788	1.90E-03	2.00E-02	2.19E-02
8.747	1.89E-03	2.00E-02	2.19E-02
8.691	1.88E-03	2.00E-02	2.19E-02
8.619	1.86E-03	2.00E-02	2.19E-02
8.533	1.84E-03	2.00E-02	2.18E-02
8.433	1.81E-03	2.00E-02	2.18E-02
8.323	1.78E-03	2.00E-02	2.18E-02
8.202	1.75E-03	2.00E-02	2.17E-02
8.074	1.71E-03	2.00E-02	2.17E-02
7.937	1.68E-03	2.00E-02	2.17E-02
7.797	1.64E-03	2.00E-02	2.16E-02
7.650	1.60E-03	2.00E-02	2.16E-02
7.501	1.56E-03	2.00E-02	2.16E-02
7.346	1.52E-03	2.00E-02	2.15E-02
7.193	1.48E-03	2.00E-02	2.15E-02
7.041	1.44E-03	2.00E-02	2.14E-02
6.889	1.39E-03	2.00E-02	2.14E-02
6.738	1.35E-03	2.00E-02	2.14E-02
6.586	1.31E-03	2.00E-02	2.13E-02
6.439	1.27E-03	2.00E-02	2.13E-02
6.294	1.23E-03	2.00E-02	2.12E-02
6.152	1.20E-03	2.00E-02	2.12E-02
6.014	1.16E-03	2.00E-02	2.12E-02
2.374	1.81E-04	2.00E-02	2.02E-02
2.389	1.85E-04	2.00E-02	2.02E-02
2.404	1.89E-04	2.00E-02	2.02E-02
2.419	1.93E-04	2.00E-02	2.02E-02
2.434	1.97E-04	2.00E-02	2.02E-02
2.450	2.02E-04	2.00E-02	2.02E-02
2.466	2.06E-04	2.00E-02	2.02E-02
2.482	2.10E-04	2.00E-02	2.02E-02
2.499	2.15E-04	2.00E-02	2.02E-02



2.515	2.19E-04	2.00E-02	2.02E-02
2.533	2.24E-04	2.00E-02	2.02E-02
2.551	2.29E-04	2.00E-02	2.02E-02
2.571	2.34E-04	2.00E-02	2.02E-02
2.593	2.40E-04	2.00E-02	2.02E-02
2.618	2.47E-04	2.00E-02	2.02E-02
2.645	2.54E-04	2.00E-02	2.03E-02
2.676	2.62E-04	2.00E-02	2.03E-02
2.713	2.72E-04	2.00E-02	2.03E-02
2.756	2.84E-04	2.00E-02	2.03E-02
2.809	2.98E-04	2.00E-02	2.03E-02
2.876	3.16E-04	2.00E-02	2.03E-02
2.955	3.37E-04	2.00E-02	2.03E-02
3.052	3.63E-04	2.00E-02	2.04E-02
3.170	3.95E-04	2.00E-02	2.04E-02
3.314	4.34E-04	2.00E-02	2.04E-02
3.487	4.80E-04	2.00E-02	2.05E-02
3.692	5.35E-04	2.00E-02	2.05E-02
3.933	6.00E-04	2.00E-02	2.06E-02
4.218	6.77E-04	2.00E-02	2.07E-02
4.546	7.65E-04	2.00E-02	2.08E-02
4.922	8.66E-04	2.00E-02	2.09E-02
5.347	9.80E-04	2.00E-02	2.10E-02
5.807	1.10E-03	2.00E-02	2.11E-02
6.294	1.23E-03	2.00E-02	2.12E-02
6.792	1.37E-03	2.00E-02	2.14E-02
7.287	1.50E-03	2.00E-02	2.15E-02
7.761	1.63E-03	2.00E-02	2.16E-02
8.186	1.74E-03	2.00E-02	2.17E-02
8.555	1.84E-03	2.00E-02	2.18E-02
8.867	1.93E-03	2.00E-02	2.19E-02
9.123	1.99E-03	2.00E-02	2.20E-02
9.324	2.05E-03	2.00E-02	2.20E-02
9.466	2.09E-03	2.00E-02	2.21E-02
9.554	2.11E-03	2.00E-02	2.21E-02
9.601	2.12E-03	2.00E-02	2.21E-02
9.613	2.13E-03	2.00E-02	2.21E-02
9.595	2.12E-03	2.00E-02	2.21E-02
9.550	2.11E-03	2.00E-02	2.21E-02
9.480	2.09E-03	2.00E-02	2.21E-02
9.390	2.07E-03	2.00E-02	2.21E-02
9.283	2.04E-03	2.00E-02	2.20E-02
9.159	2.00E-03	2.00E-02	2.20E-02
9.022	1.97E-03	2.00E-02	2.20E-02
8.873	1.93E-03	2.00E-02	2.19E-02
8.714	1.88E-03	2.00E-02	2.19E-02
8.548	1.84E-03	2.00E-02	2.18E-02
8.377	1.79E-03	2.00E-02	2.18E-02
8.200	1.75E-03	2.00E-02	2.17E-02
8.020	1.70E-03	2.00E-02	2.17E-02
7.838	1.65E-03	2.00E-02	2.16E-02
7.656	1.60E-03	2.00E-02	2.16E-02
7.472	1.55E-03	2.00E-02	2.16E-02
7.292	1.50E-03	2.00E-02	2.15E-02
7.114	1.45E-03	2.00E-02	2.15E-02

6.940	1.41E-03	2.00E-02	2.14E-02
6.769	1.36E-03	2.00E-02	2.14E-02
6.601	1.32E-03	2.00E-02	2.13E-02
6.439	1.27E-03	2.00E-02	2.13E-02
6.280	1.23E-03	2.00E-02	2.12E-02
6.127	1.19E-03	2.00E-02	2.12E-02
2.415	1.92E-04	2.00E-02	2.02E-02
2.432	1.97E-04	2.00E-02	2.02E-02
2.448	2.01E-04	2.00E-02	2.02E-02
2.465	2.06E-04	2.00E-02	2.02E-02
2.482	2.10E-04	2.00E-02	2.02E-02
2.499	2.15E-04	2.00E-02	2.02E-02
2.517	2.20E-04	2.00E-02	2.02E-02
2.535	2.24E-04	2.00E-02	2.02E-02
2.553	2.29E-04	2.00E-02	2.02E-02
2.571	2.34E-04	2.00E-02	2.02E-02
2.590	2.39E-04	2.00E-02	2.02E-02
2.610	2.44E-04	2.00E-02	2.02E-02
2.631	2.50E-04	2.00E-02	2.03E-02
2.655	2.57E-04	2.00E-02	2.03E-02
2.680	2.63E-04	2.00E-02	2.03E-02
2.708	2.71E-04	2.00E-02	2.03E-02
2.740	2.79E-04	2.00E-02	2.03E-02
2.778	2.90E-04	2.00E-02	2.03E-02
2.823	3.02E-04	2.00E-02	2.03E-02
2.879	3.17E-04	2.00E-02	2.03E-02
2.948	3.35E-04	2.00E-02	2.03E-02
3.030	3.57E-04	2.00E-02	2.04E-02
3.131	3.85E-04	2.00E-02	2.04E-02
3.257	4.19E-04	2.00E-02	2.04E-02
3.412	4.60E-04	2.00E-02	2.05E-02
3.599	5.10E-04	2.00E-02	2.05E-02
3.824	5.71E-04	2.00E-02	2.06E-02
4.093	6.43E-04	2.00E-02	2.06E-02
4.414	7.29E-04	2.00E-02	2.07E-02
4.785	8.29E-04	2.00E-02	2.08E-02
5.216	9.45E-04	2.00E-02	2.09E-02
5.708	1.08E-03	2.00E-02	2.11E-02
6.244	1.22E-03	2.00E-02	2.12E-02
6.810	1.37E-03	2.00E-02	2.14E-02
7.416	1.54E-03	2.00E-02	2.15E-02
8.005	1.69E-03	2.00E-02	2.17E-02
8.570	1.85E-03	2.00E-02	2.18E-02
9.063	1.98E-03	2.00E-02	2.20E-02
9.489	2.09E-03	2.00E-02	2.21E-02
9.845	2.19E-03	2.00E-02	2.22E-02
10.129	2.27E-03	2.00E-02	2.23E-02
10.338	2.32E-03	2.00E-02	2.23E-02
10.477	2.36E-03	2.00E-02	2.24E-02
10.556	2.38E-03	2.00E-02	2.24E-02
10.582	2.39E-03	2.00E-02	2.24E-02
10.565	2.38E-03	2.00E-02	2.24E-02
10.512	2.37E-03	2.00E-02	2.24E-02
10.427	2.34E-03	2.00E-02	2.23E-02
10.313	2.31E-03	2.00E-02	2.23E-02

10.177	2.28E-03	2.00E-02	2.23E-02
10.020	2.24E-03	2.00E-02	2.22E-02
9.846	2.19E-03	2.00E-02	2.22E-02
9.658	2.14E-03	2.00E-02	2.21E-02
9.461	2.09E-03	2.00E-02	2.21E-02
9.255	2.03E-03	2.00E-02	2.20E-02
9.044	1.97E-03	2.00E-02	2.20E-02
8.829	1.92E-03	2.00E-02	2.19E-02
8.611	1.86E-03	2.00E-02	2.19E-02
8.391	1.80E-03	2.00E-02	2.18E-02
8.173	1.74E-03	2.00E-02	2.17E-02
7.957	1.68E-03	2.00E-02	2.17E-02
7.744	1.62E-03	2.00E-02	2.16E-02
7.533	1.57E-03	2.00E-02	2.16E-02
7.328	1.51E-03	2.00E-02	2.15E-02
7.130	1.46E-03	2.00E-02	2.15E-02
6.936	1.41E-03	2.00E-02	2.14E-02
6.750	1.36E-03	2.00E-02	2.14E-02
6.568	1.31E-03	2.00E-02	2.13E-02
6.394	1.26E-03	2.00E-02	2.13E-02
6.226	1.22E-03	2.00E-02	2.12E-02
2.443	2.00E-04	2.00E-02	2.02E-02
2.461	2.04E-04	2.00E-02	2.02E-02
2.480	2.09E-04	2.00E-02	2.02E-02
2.498	2.14E-04	2.00E-02	2.02E-02
2.517	2.19E-04	2.00E-02	2.02E-02
2.535	2.24E-04	2.00E-02	2.02E-02
2.555	2.30E-04	2.00E-02	2.02E-02
2.574	2.35E-04	2.00E-02	2.02E-02
2.594	2.40E-04	2.00E-02	2.02E-02
2.614	2.46E-04	2.00E-02	2.02E-02
2.634	2.51E-04	2.00E-02	2.03E-02
2.655	2.57E-04	2.00E-02	2.03E-02
2.677	2.62E-04	2.00E-02	2.03E-02
2.700	2.69E-04	2.00E-02	2.03E-02
2.724	2.75E-04	2.00E-02	2.03E-02
2.752	2.83E-04	2.00E-02	2.03E-02
2.781	2.90E-04	2.00E-02	2.03E-02
2.814	2.99E-04	2.00E-02	2.03E-02
2.854	3.10E-04	2.00E-02	2.03E-02
2.902	3.23E-04	2.00E-02	2.03E-02
2.960	3.39E-04	2.00E-02	2.03E-02
3.029	3.57E-04	2.00E-02	2.04E-02
3.115	3.80E-04	2.00E-02	2.04E-02
3.223	4.09E-04	2.00E-02	2.04E-02
3.356	4.45E-04	2.00E-02	2.04E-02
3.522	4.90E-04	2.00E-02	2.05E-02
3.725	5.44E-04	2.00E-02	2.05E-02
3.973	6.11E-04	2.00E-02	2.06E-02
4.275	6.92E-04	2.00E-02	2.07E-02
4.637	7.89E-04	2.00E-02	2.08E-02
5.062	9.03E-04	2.00E-02	2.09E-02
5.558	1.04E-03	2.00E-02	2.10E-02
6.128	1.19E-03	2.00E-02	2.12E-02
6.759	1.36E-03	2.00E-02	2.14E-02

7.433	1.54E-03	2.00E-02	2.15E-02
8.170	1.74E-03	2.00E-02	2.17E-02
8.886	1.93E-03	2.00E-02	2.19E-02
9.567	2.11E-03	2.00E-02	2.21E-02
10.158	2.27E-03	2.00E-02	2.23E-02
10.659	2.41E-03	2.00E-02	2.24E-02
11.061	2.52E-03	2.00E-02	2.25E-02
11.365	2.60E-03	2.00E-02	2.26E-02
11.579	2.65E-03	2.00E-02	2.27E-02
11.706	2.69E-03	2.00E-02	2.27E-02
11.760	2.70E-03	2.00E-02	2.27E-02
11.750	2.70E-03	2.00E-02	2.27E-02
11.686	2.68E-03	2.00E-02	2.27E-02
11.577	2.65E-03	2.00E-02	2.27E-02
11.431	2.61E-03	2.00E-02	2.26E-02
11.254	2.57E-03	2.00E-02	2.26E-02
11.053	2.51E-03	2.00E-02	2.25E-02
10.831	2.45E-03	2.00E-02	2.25E-02
10.591	2.39E-03	2.00E-02	2.24E-02
10.340	2.32E-03	2.00E-02	2.23E-02
10.081	2.25E-03	2.00E-02	2.23E-02
9.820	2.18E-03	2.00E-02	2.22E-02
9.553	2.11E-03	2.00E-02	2.21E-02
9.286	2.04E-03	2.00E-02	2.20E-02
9.019	1.97E-03	2.00E-02	2.20E-02
8.756	1.90E-03	2.00E-02	2.19E-02
8.497	1.83E-03	2.00E-02	2.18E-02
8.245	1.76E-03	2.00E-02	2.18E-02
7.998	1.69E-03	2.00E-02	2.17E-02
7.759	1.63E-03	2.00E-02	2.16E-02
7.525	1.57E-03	2.00E-02	2.16E-02
7.301	1.51E-03	2.00E-02	2.15E-02
7.084	1.45E-03	2.00E-02	2.14E-02
6.878	1.39E-03	2.00E-02	2.14E-02
6.680	1.34E-03	2.00E-02	2.13E-02
6.490	1.29E-03	2.00E-02	2.13E-02
6.307	1.24E-03	2.00E-02	2.12E-02
6.133	1.19E-03	2.00E-02	2.12E-02
2.490	2.12E-04	2.00E-02	2.02E-02
2.510	2.18E-04	2.00E-02	2.02E-02
2.532	2.24E-04	2.00E-02	2.02E-02
2.553	2.29E-04	2.00E-02	2.02E-02
2.574	2.35E-04	2.00E-02	2.02E-02
2.595	2.41E-04	2.00E-02	2.02E-02
2.616	2.46E-04	2.00E-02	2.02E-02
2.638	2.52E-04	2.00E-02	2.03E-02
2.661	2.58E-04	2.00E-02	2.03E-02
2.683	2.64E-04	2.00E-02	2.03E-02
2.705	2.70E-04	2.00E-02	2.03E-02
2.728	2.76E-04	2.00E-02	2.03E-02
2.752	2.83E-04	2.00E-02	2.03E-02
2.778	2.90E-04	2.00E-02	2.03E-02
2.805	2.97E-04	2.00E-02	2.03E-02
2.833	3.05E-04	2.00E-02	2.03E-02
2.865	3.13E-04	2.00E-02	2.03E-02

2.901	3.23E-04	2.00E-02	2.03E-02
2.943	3.34E-04	2.00E-02	2.03E-02
2.994	3.48E-04	2.00E-02	2.03E-02
3.054	3.64E-04	2.00E-02	2.04E-02
3.126	3.83E-04	2.00E-02	2.04E-02
3.215	4.07E-04	2.00E-02	2.04E-02
3.328	4.37E-04	2.00E-02	2.04E-02
3.470	4.76E-04	2.00E-02	2.05E-02
3.648	5.24E-04	2.00E-02	2.05E-02
3.869	5.83E-04	2.00E-02	2.06E-02
4.144	6.57E-04	2.00E-02	2.07E-02
4.483	7.48E-04	2.00E-02	2.07E-02
4.893	8.58E-04	2.00E-02	2.09E-02
5.382	9.89E-04	2.00E-02	2.10E-02
5.958	1.14E-03	2.00E-02	2.11E-02
6.624	1.32E-03	2.00E-02	2.13E-02
7.371	1.52E-03	2.00E-02	2.15E-02
8.196	1.75E-03	2.00E-02	2.17E-02
9.090	1.99E-03	2.00E-02	2.20E-02
9.991	2.23E-03	2.00E-02	2.22E-02
10.823	2.45E-03	2.00E-02	2.25E-02
11.566	2.65E-03	2.00E-02	2.27E-02
12.163	2.81E-03	2.00E-02	2.28E-02
12.605	2.93E-03	2.00E-02	2.29E-02
12.914	3.01E-03	2.00E-02	2.30E-02
13.118	3.07E-03	2.00E-02	2.31E-02
13.216	3.09E-03	2.00E-02	2.31E-02
13.217	3.09E-03	2.00E-02	2.31E-02
13.141	3.07E-03	2.00E-02	2.31E-02
12.998	3.04E-03	2.00E-02	2.30E-02
12.804	2.98E-03	2.00E-02	2.30E-02
12.571	2.92E-03	2.00E-02	2.29E-02
12.306	2.85E-03	2.00E-02	2.28E-02
12.016	2.77E-03	2.00E-02	2.28E-02
11.706	2.69E-03	2.00E-02	2.27E-02
11.385	2.60E-03	2.00E-02	2.26E-02
11.055	2.51E-03	2.00E-02	2.25E-02
10.725	2.43E-03	2.00E-02	2.24E-02
10.394	2.34E-03	2.00E-02	2.23E-02
10.062	2.25E-03	2.00E-02	2.22E-02
9.736	2.16E-03	2.00E-02	2.22E-02
9.416	2.07E-03	2.00E-02	2.21E-02
9.105	1.99E-03	2.00E-02	2.20E-02
8.803	1.91E-03	2.00E-02	2.19E-02
8.511	1.83E-03	2.00E-02	2.18E-02
8.230	1.75E-03	2.00E-02	2.18E-02
7.961	1.68E-03	2.00E-02	2.17E-02
7.701	1.61E-03	2.00E-02	2.16E-02
7.451	1.55E-03	2.00E-02	2.15E-02
7.211	1.48E-03	2.00E-02	2.15E-02
6.986	1.42E-03	2.00E-02	2.14E-02
6.770	1.36E-03	2.00E-02	2.14E-02
6.566	1.31E-03	2.00E-02	2.13E-02
6.369	1.25E-03	2.00E-02	2.13E-02
6.184	1.20E-03	2.00E-02	2.12E-02

2.520	2.20E-04	2.00E-02	2.02E-02
2.543	2.27E-04	2.00E-02	2.02E-02
2.566	2.33E-04	2.00E-02	2.02E-02
2.590	2.39E-04	2.00E-02	2.02E-02
2.614	2.46E-04	2.00E-02	2.02E-02
2.638	2.52E-04	2.00E-02	2.03E-02
2.662	2.58E-04	2.00E-02	2.03E-02
2.686	2.65E-04	2.00E-02	2.03E-02
2.711	2.72E-04	2.00E-02	2.03E-02
2.736	2.78E-04	2.00E-02	2.03E-02
2.761	2.85E-04	2.00E-02	2.03E-02
2.786	2.92E-04	2.00E-02	2.03E-02
2.812	2.99E-04	2.00E-02	2.03E-02
2.839	3.06E-04	2.00E-02	2.03E-02
2.867	3.14E-04	2.00E-02	2.03E-02
2.897	3.22E-04	2.00E-02	2.03E-02
2.928	3.30E-04	2.00E-02	2.03E-02
2.962	3.39E-04	2.00E-02	2.03E-02
3.003	3.50E-04	2.00E-02	2.03E-02
3.049	3.62E-04	2.00E-02	2.04E-02
3.102	3.77E-04	2.00E-02	2.04E-02
3.164	3.94E-04	2.00E-02	2.04E-02
3.240	4.14E-04	2.00E-02	2.04E-02
3.334	4.39E-04	2.00E-02	2.04E-02
3.452	4.71E-04	2.00E-02	2.05E-02
3.602	5.11E-04	2.00E-02	2.05E-02
3.795	5.63E-04	2.00E-02	2.06E-02
4.035	6.28E-04	2.00E-02	2.06E-02
4.341	7.10E-04	2.00E-02	2.07E-02
4.722	8.12E-04	2.00E-02	2.08E-02
5.190	9.38E-04	2.00E-02	2.09E-02
5.755	1.09E-03	2.00E-02	2.11E-02
6.426	1.27E-03	2.00E-02	2.13E-02
7.210	1.48E-03	2.00E-02	2.15E-02
8.099	1.72E-03	2.00E-02	2.17E-02
9.120	1.99E-03	2.00E-02	2.20E-02
10.240	2.29E-03	2.00E-02	2.23E-02
11.405	2.61E-03	2.00E-02	2.26E-02
12.493	2.90E-03	2.00E-02	2.29E-02
13.436	3.15E-03	2.00E-02	2.32E-02
14.123	3.34E-03	2.00E-02	2.33E-02
14.617	3.47E-03	2.00E-02	2.35E-02
14.917	3.55E-03	2.00E-02	2.36E-02
15.064	3.59E-03	2.00E-02	2.36E-02
15.084	3.60E-03	2.00E-02	2.36E-02
14.983	3.57E-03	2.00E-02	2.36E-02
14.789	3.52E-03	2.00E-02	2.35E-02
14.524	3.45E-03	2.00E-02	2.34E-02
14.205	3.36E-03	2.00E-02	2.34E-02
13.847	3.26E-03	2.00E-02	2.33E-02
13.462	3.16E-03	2.00E-02	2.32E-02
13.056	3.05E-03	2.00E-02	2.31E-02
12.637	2.94E-03	2.00E-02	2.29E-02
12.214	2.83E-03	2.00E-02	2.28E-02
11.790	2.71E-03	2.00E-02	2.27E-02

11.372	2.60E-03	2.00E-02	2.26E-02
10.959	2.49E-03	2.00E-02	2.25E-02
10.556	2.38E-03	2.00E-02	2.24E-02
10.166	2.27E-03	2.00E-02	2.23E-02
9.789	2.17E-03	2.00E-02	2.22E-02
9.427	2.08E-03	2.00E-02	2.21E-02
9.079	1.98E-03	2.00E-02	2.20E-02
8.748	1.89E-03	2.00E-02	2.19E-02
8.432	1.81E-03	2.00E-02	2.18E-02
8.132	1.73E-03	2.00E-02	2.17E-02
7.847	1.65E-03	2.00E-02	2.17E-02
7.576	1.58E-03	2.00E-02	2.16E-02
7.315	1.51E-03	2.00E-02	2.15E-02
7.068	1.44E-03	2.00E-02	2.14E-02
6.837	1.38E-03	2.00E-02	2.14E-02
6.617	1.32E-03	2.00E-02	2.13E-02
6.411	1.27E-03	2.00E-02	2.13E-02
6.215	1.21E-03	2.00E-02	2.12E-02
2.576	2.35E-04	2.00E-02	2.02E-02
2.601	2.42E-04	2.00E-02	2.02E-02
2.628	2.49E-04	2.00E-02	2.02E-02
2.655	2.57E-04	2.00E-02	2.03E-02
2.682	2.64E-04	2.00E-02	2.03E-02
2.710	2.71E-04	2.00E-02	2.03E-02
2.737	2.79E-04	2.00E-02	2.03E-02
2.765	2.86E-04	2.00E-02	2.03E-02
2.793	2.94E-04	2.00E-02	2.03E-02
2.821	3.01E-04	2.00E-02	2.03E-02
2.849	3.09E-04	2.00E-02	2.03E-02
2.878	3.16E-04	2.00E-02	2.03E-02
2.907	3.24E-04	2.00E-02	2.03E-02
2.938	3.33E-04	2.00E-02	2.03E-02
2.970	3.41E-04	2.00E-02	2.03E-02
3.003	3.50E-04	2.00E-02	2.04E-02
3.038	3.60E-04	2.00E-02	2.04E-02
3.077	3.70E-04	2.00E-02	2.04E-02
3.122	3.82E-04	2.00E-02	2.04E-02
3.172	3.96E-04	2.00E-02	2.04E-02
3.230	4.11E-04	2.00E-02	2.04E-02
3.298	4.29E-04	2.00E-02	2.04E-02
3.377	4.50E-04	2.00E-02	2.05E-02
3.476	4.77E-04	2.00E-02	2.05E-02
3.602	5.11E-04	2.00E-02	2.05E-02
3.761	5.54E-04	2.00E-02	2.06E-02
3.967	6.09E-04	2.00E-02	2.06E-02
4.233	6.81E-04	2.00E-02	2.07E-02
4.573	7.72E-04	2.00E-02	2.08E-02
5.003	8.88E-04	2.00E-02	2.09E-02
5.540	1.03E-03	2.00E-02	2.10E-02
6.197	1.21E-03	2.00E-02	2.12E-02
6.983	1.42E-03	2.00E-02	2.14E-02
7.913	1.67E-03	2.00E-02	2.17E-02
8.989	1.96E-03	2.00E-02	2.20E-02
10.259	2.30E-03	2.00E-02	2.23E-02
11.715	2.69E-03	2.00E-02	2.27E-02

13.305	3.12E-03	2.00E-02	2.31E-02
14.807	3.52E-03	2.00E-02	2.35E-02
15.960	3.83E-03	2.00E-02	2.38E-02
16.749	4.04E-03	2.00E-02	2.40E-02
17.261	4.18E-03	2.00E-02	2.42E-02
17.513	4.25E-03	2.00E-02	2.42E-02
17.538	4.26E-03	2.00E-02	2.43E-02
17.388	4.22E-03	2.00E-02	2.42E-02
17.102	4.14E-03	2.00E-02	2.41E-02
16.722	4.04E-03	2.00E-02	2.40E-02
16.272	3.92E-03	2.00E-02	2.39E-02
15.776	3.78E-03	2.00E-02	2.38E-02
15.250	3.64E-03	2.00E-02	2.36E-02
14.705	3.49E-03	2.00E-02	2.35E-02
14.153	3.35E-03	2.00E-02	2.33E-02
13.602	3.20E-03	2.00E-02	2.32E-02
13.054	3.05E-03	2.00E-02	2.31E-02
12.519	2.91E-03	2.00E-02	2.29E-02
12.000	2.77E-03	2.00E-02	2.28E-02
11.500	2.63E-03	2.00E-02	2.26E-02
11.020	2.50E-03	2.00E-02	2.25E-02
10.561	2.38E-03	2.00E-02	2.24E-02
10.123	2.26E-03	2.00E-02	2.23E-02
9.710	2.15E-03	2.00E-02	2.22E-02
9.318	2.05E-03	2.00E-02	2.20E-02
8.947	1.95E-03	2.00E-02	2.19E-02
8.598	1.85E-03	2.00E-02	2.19E-02
8.268	1.77E-03	2.00E-02	2.18E-02
7.958	1.68E-03	2.00E-02	2.17E-02
7.666	1.60E-03	2.00E-02	2.16E-02
7.390	1.53E-03	2.00E-02	2.15E-02
7.126	1.46E-03	2.00E-02	2.15E-02
6.877	1.39E-03	2.00E-02	2.14E-02
6.647	1.33E-03	2.00E-02	2.13E-02
6.430	1.27E-03	2.00E-02	2.13E-02
6.225	1.22E-03	2.00E-02	2.12E-02
6.036	1.17E-03	2.00E-02	2.12E-02
2.638	2.52E-04	2.00E-02	2.03E-02
2.667	2.60E-04	2.00E-02	2.03E-02
2.697	2.68E-04	2.00E-02	2.03E-02
2.728	2.76E-04	2.00E-02	2.03E-02
2.758	2.84E-04	2.00E-02	2.03E-02
2.790	2.93E-04	2.00E-02	2.03E-02
2.822	3.02E-04	2.00E-02	2.03E-02
2.854	3.10E-04	2.00E-02	2.03E-02
2.886	3.19E-04	2.00E-02	2.03E-02
2.918	3.27E-04	2.00E-02	2.03E-02
2.950	3.36E-04	2.00E-02	2.03E-02
2.983	3.45E-04	2.00E-02	2.03E-02
3.017	3.54E-04	2.00E-02	2.04E-02
3.052	3.63E-04	2.00E-02	2.04E-02
3.088	3.73E-04	2.00E-02	2.04E-02
3.126	3.83E-04	2.00E-02	2.04E-02
3.168	3.94E-04	2.00E-02	2.04E-02
3.213	4.07E-04	2.00E-02	2.04E-02



3.264	4.20E-04	2.00E-02	2.04E-02
3.319	4.35E-04	2.00E-02	2.04E-02
3.383	4.52E-04	2.00E-02	2.05E-02
3.456	4.72E-04	2.00E-02	2.05E-02
3.542	4.95E-04	2.00E-02	2.05E-02
3.648	5.23E-04	2.00E-02	2.05E-02
3.782	5.59E-04	2.00E-02	2.06E-02
3.954	6.06E-04	2.00E-02	2.06E-02
4.178	6.66E-04	2.00E-02	2.07E-02
4.471	7.45E-04	2.00E-02	2.07E-02
4.854	8.48E-04	2.00E-02	2.08E-02
5.345	9.80E-04	2.00E-02	2.10E-02
5.966	1.15E-03	2.00E-02	2.11E-02
6.737	1.35E-03	2.00E-02	2.14E-02
7.670	1.60E-03	2.00E-02	2.16E-02
8.777	1.90E-03	2.00E-02	2.19E-02
10.087	2.25E-03	2.00E-02	2.23E-02
11.683	2.68E-03	2.00E-02	2.27E-02
13.643	3.21E-03	2.00E-02	2.32E-02
16.029	3.85E-03	2.00E-02	2.39E-02
18.118	4.41E-03	2.00E-02	2.44E-02
19.541	4.79E-03	2.00E-02	2.48E-02
20.411	5.03E-03	2.00E-02	2.50E-02
20.814	5.14E-03	2.00E-02	2.51E-02
20.860	5.15E-03	2.00E-02	2.51E-02
20.628	5.09E-03	2.00E-02	2.51E-02
20.185	4.97E-03	2.00E-02	2.50E-02
19.603	4.81E-03	2.00E-02	2.48E-02
18.943	4.63E-03	2.00E-02	2.46E-02
18.233	4.44E-03	2.00E-02	2.44E-02
17.496	4.24E-03	2.00E-02	2.42E-02
16.751	4.04E-03	2.00E-02	2.40E-02
16.009	3.85E-03	2.00E-02	2.38E-02
15.280	3.65E-03	2.00E-02	2.36E-02
14.566	3.46E-03	2.00E-02	2.35E-02
13.876	3.27E-03	2.00E-02	2.33E-02
13.215	3.09E-03	2.00E-02	2.31E-02
12.588	2.93E-03	2.00E-02	2.29E-02
11.995	2.77E-03	2.00E-02	2.28E-02
11.434	2.62E-03	2.00E-02	2.26E-02
10.904	2.47E-03	2.00E-02	2.25E-02
10.408	2.34E-03	2.00E-02	2.23E-02
9.943	2.22E-03	2.00E-02	2.22E-02
9.509	2.10E-03	2.00E-02	2.21E-02
9.101	1.99E-03	2.00E-02	2.20E-02
8.721	1.89E-03	2.00E-02	2.19E-02
8.365	1.79E-03	2.00E-02	2.18E-02
8.032	1.70E-03	2.00E-02	2.17E-02
7.721	1.62E-03	2.00E-02	2.16E-02
7.429	1.54E-03	2.00E-02	2.15E-02
7.155	1.47E-03	2.00E-02	2.15E-02
6.892	1.40E-03	2.00E-02	2.14E-02
6.651	1.33E-03	2.00E-02	2.13E-02
6.427	1.27E-03	2.00E-02	2.13E-02
6.218	1.21E-03	2.00E-02	2.12E-02

6.020	1.16E-03	2.00E-02	2.12E-02
2.706	2.70E-04	2.00E-02	2.03E-02
2.741	2.80E-04	2.00E-02	2.03E-02
2.775	2.89E-04	2.00E-02	2.03E-02
2.810	2.98E-04	2.00E-02	2.03E-02
2.845	3.08E-04	2.00E-02	2.03E-02
2.882	3.18E-04	2.00E-02	2.03E-02
2.919	3.28E-04	2.00E-02	2.03E-02
2.955	3.37E-04	2.00E-02	2.03E-02
2.992	3.47E-04	2.00E-02	2.03E-02
3.028	3.57E-04	2.00E-02	2.04E-02
3.066	3.67E-04	2.00E-02	2.04E-02
3.104	3.77E-04	2.00E-02	2.04E-02
3.144	3.88E-04	2.00E-02	2.04E-02
3.184	3.99E-04	2.00E-02	2.04E-02
3.225	4.10E-04	2.00E-02	2.04E-02
3.271	4.22E-04	2.00E-02	2.04E-02
3.320	4.35E-04	2.00E-02	2.04E-02
3.374	4.50E-04	2.00E-02	2.04E-02
3.431	4.65E-04	2.00E-02	2.05E-02
3.494	4.82E-04	2.00E-02	2.05E-02
3.565	5.01E-04	2.00E-02	2.05E-02
3.647	5.23E-04	2.00E-02	2.05E-02
3.743	5.49E-04	2.00E-02	2.05E-02
3.858	5.80E-04	2.00E-02	2.06E-02
4.003	6.19E-04	2.00E-02	2.06E-02
4.189	6.69E-04	2.00E-02	2.07E-02
4.435	7.35E-04	2.00E-02	2.07E-02
4.763	8.23E-04	2.00E-02	2.08E-02
5.199	9.40E-04	2.00E-02	2.09E-02
5.769	1.09E-03	2.00E-02	2.11E-02
6.503	1.29E-03	2.00E-02	2.13E-02
7.426	1.54E-03	2.00E-02	2.15E-02
8.552	1.84E-03	2.00E-02	2.18E-02
9.892	2.20E-03	2.00E-02	2.22E-02
11.505	2.63E-03	2.00E-02	2.26E-02
13.505	3.17E-03	2.00E-02	2.32E-02
16.234	3.91E-03	2.00E-02	2.39E-02
19.938	4.90E-03	2.00E-02	2.49E-02
23.143	5.76E-03	2.00E-02	2.58E-02
24.969	6.25E-03	2.00E-02	2.63E-02
25.639	6.43E-03	2.00E-02	2.64E-02
25.597	6.42E-03	2.00E-02	2.64E-02
25.127	6.30E-03	2.00E-02	2.63E-02
24.404	6.10E-03	2.00E-02	2.61E-02
23.497	5.86E-03	2.00E-02	2.59E-02
22.486	5.59E-03	2.00E-02	2.56E-02
21.433	5.30E-03	2.00E-02	2.53E-02
20.374	5.02E-03	2.00E-02	2.50E-02
19.327	4.74E-03	2.00E-02	2.47E-02
18.308	4.46E-03	2.00E-02	2.45E-02
17.328	4.20E-03	2.00E-02	2.42E-02
16.387	3.95E-03	2.00E-02	2.39E-02
15.491	3.71E-03	2.00E-02	2.37E-02
14.644	3.48E-03	2.00E-02	2.35E-02

13.851	3.27E-03	2.00E-02	2.33E-02
13.110	3.07E-03	2.00E-02	2.31E-02
12.422	2.88E-03	2.00E-02	2.29E-02
11.780	2.71E-03	2.00E-02	2.27E-02
11.183	2.55E-03	2.00E-02	2.25E-02
10.631	2.40E-03	2.00E-02	2.24E-02
10.119	2.26E-03	2.00E-02	2.23E-02
9.645	2.13E-03	2.00E-02	2.21E-02
9.204	2.02E-03	2.00E-02	2.20E-02
8.796	1.91E-03	2.00E-02	2.19E-02
8.417	1.81E-03	2.00E-02	2.18E-02
8.066	1.71E-03	2.00E-02	2.17E-02
7.738	1.62E-03	2.00E-02	2.16E-02
7.436	1.54E-03	2.00E-02	2.15E-02
7.152	1.46E-03	2.00E-02	2.15E-02
6.883	1.39E-03	2.00E-02	2.14E-02
6.633	1.33E-03	2.00E-02	2.13E-02
6.403	1.26E-03	2.00E-02	2.13E-02
6.189	1.21E-03	2.00E-02	2.12E-02
5.988	1.15E-03	2.00E-02	2.12E-02
2.743	2.80E-04	2.00E-02	2.03E-02
2.782	2.91E-04	2.00E-02	2.03E-02
2.821	3.01E-04	2.00E-02	2.03E-02
2.862	3.12E-04	2.00E-02	2.03E-02
2.903	3.23E-04	2.00E-02	2.03E-02
2.945	3.34E-04	2.00E-02	2.03E-02
2.987	3.46E-04	2.00E-02	2.03E-02
3.029	3.57E-04	2.00E-02	2.04E-02
3.071	3.68E-04	2.00E-02	2.04E-02
3.113	3.80E-04	2.00E-02	2.04E-02
3.155	3.91E-04	2.00E-02	2.04E-02
3.198	4.03E-04	2.00E-02	2.04E-02
3.243	4.15E-04	2.00E-02	2.04E-02
3.288	4.27E-04	2.00E-02	2.04E-02
3.335	4.39E-04	2.00E-02	2.04E-02
3.386	4.53E-04	2.00E-02	2.05E-02
3.440	4.68E-04	2.00E-02	2.05E-02
3.500	4.84E-04	2.00E-02	2.05E-02
3.562	5.00E-04	2.00E-02	2.05E-02
3.630	5.18E-04	2.00E-02	2.05E-02
3.704	5.38E-04	2.00E-02	2.05E-02
3.785	5.60E-04	2.00E-02	2.06E-02
3.877	5.85E-04	2.00E-02	2.06E-02
3.985	6.14E-04	2.00E-02	2.06E-02
4.114	6.49E-04	2.00E-02	2.06E-02
4.274	6.92E-04	2.00E-02	2.07E-02
4.480	7.47E-04	2.00E-02	2.07E-02
4.753	8.20E-04	2.00E-02	2.08E-02
5.124	9.20E-04	2.00E-02	2.09E-02
5.630	1.06E-03	2.00E-02	2.11E-02
6.307	1.24E-03	2.00E-02	2.12E-02
7.197	1.48E-03	2.00E-02	2.15E-02
8.344	1.79E-03	2.00E-02	2.18E-02
9.741	2.16E-03	2.00E-02	2.22E-02
11.438	2.62E-03	2.00E-02	2.26E-02

13.517	3.18E-03	2.00E-02	2.32E-02
16.093	3.87E-03	2.00E-02	2.39E-02
19.637	4.82E-03	2.00E-02	2.48E-02
24.698	6.18E-03	2.00E-02	2.62E-02
28.587	7.22E-03	2.00E-02	2.72E-02
30.260	7.67E-03	2.00E-02	2.77E-02
32.787	8.35E-03	2.00E-02	2.84E-02
31.726	8.07E-03	2.00E-02	2.81E-02
30.380	7.71E-03	2.00E-02	2.77E-02
28.875	7.30E-03	2.00E-02	2.73E-02
27.293	6.88E-03	2.00E-02	2.69E-02
25.703	6.45E-03	2.00E-02	2.64E-02
24.138	6.03E-03	2.00E-02	2.60E-02
22.634	5.63E-03	2.00E-02	2.56E-02
21.203	5.24E-03	2.00E-02	2.52E-02
19.856	4.88E-03	2.00E-02	2.49E-02
18.598	4.54E-03	2.00E-02	2.45E-02
17.416	4.22E-03	2.00E-02	2.42E-02
16.329	3.93E-03	2.00E-02	2.39E-02
15.317	3.66E-03	2.00E-02	2.37E-02
14.391	3.41E-03	2.00E-02	2.34E-02
13.537	3.18E-03	2.00E-02	2.32E-02
12.752	2.97E-03	2.00E-02	2.30E-02
12.041	2.78E-03	2.00E-02	2.28E-02
11.384	2.60E-03	2.00E-02	2.26E-02
10.783	2.44E-03	2.00E-02	2.24E-02
10.229	2.29E-03	2.00E-02	2.23E-02
9.720	2.16E-03	2.00E-02	2.22E-02
9.252	2.03E-03	2.00E-02	2.20E-02
8.821	1.91E-03	2.00E-02	2.19E-02
8.424	1.81E-03	2.00E-02	2.18E-02
8.057	1.71E-03	2.00E-02	2.17E-02
7.721	1.62E-03	2.00E-02	2.16E-02
7.410	1.53E-03	2.00E-02	2.15E-02
7.117	1.46E-03	2.00E-02	2.15E-02
6.843	1.38E-03	2.00E-02	2.14E-02
6.588	1.31E-03	2.00E-02	2.13E-02
6.355	1.25E-03	2.00E-02	2.13E-02
6.139	1.19E-03	2.00E-02	2.12E-02
5.936	1.14E-03	2.00E-02	2.11E-02
2.821	3.01E-04	2.00E-02	2.03E-02
2.866	3.13E-04	2.00E-02	2.03E-02
2.912	3.26E-04	2.00E-02	2.03E-02
2.959	3.38E-04	2.00E-02	2.03E-02
3.008	3.51E-04	2.00E-02	2.04E-02
3.057	3.65E-04	2.00E-02	2.04E-02
3.106	3.78E-04	2.00E-02	2.04E-02
3.155	3.91E-04	2.00E-02	2.04E-02
3.204	4.04E-04	2.00E-02	2.04E-02
3.252	4.17E-04	2.00E-02	2.04E-02
3.301	4.30E-04	2.00E-02	2.04E-02
3.352	4.44E-04	2.00E-02	2.04E-02
3.403	4.58E-04	2.00E-02	2.05E-02
3.456	4.72E-04	2.00E-02	2.05E-02
3.513	4.87E-04	2.00E-02	2.05E-02

3.574	5.04E-04	2.00E-02	2.05E-02
3.640	5.21E-04	2.00E-02	2.05E-02
3.710	5.40E-04	2.00E-02	2.05E-02
3.784	5.60E-04	2.00E-02	2.06E-02
3.865	5.82E-04	2.00E-02	2.06E-02
3.953	6.05E-04	2.00E-02	2.06E-02
4.049	6.31E-04	2.00E-02	2.06E-02
4.156	6.60E-04	2.00E-02	2.07E-02
4.280	6.93E-04	2.00E-02	2.07E-02
4.427	7.33E-04	2.00E-02	2.07E-02
4.609	7.82E-04	2.00E-02	2.08E-02
4.840	8.44E-04	2.00E-02	2.08E-02
5.149	9.27E-04	2.00E-02	2.09E-02
5.574	1.04E-03	2.00E-02	2.10E-02
6.169	1.20E-03	2.00E-02	2.12E-02
6.986	1.42E-03	2.00E-02	2.14E-02
8.100	1.72E-03	2.00E-02	2.17E-02
9.566	2.11E-03	2.00E-02	2.21E-02
11.394	2.60E-03	2.00E-02	2.26E-02
13.677	3.22E-03	2.00E-02	2.32E-02
16.536	3.99E-03	2.00E-02	2.40E-02
20.251	4.98E-03	2.00E-02	2.50E-02
35.919	9.20E-03	2.00E-02	2.92E-02
39.577	1.02E-02	2.00E-02	3.02E-02
39.066	1.00E-02	2.00E-02	3.00E-02
36.540	9.36E-03	2.00E-02	2.94E-02
34.003	8.68E-03	2.00E-02	2.87E-02
31.518	8.01E-03	2.00E-02	2.80E-02
29.162	7.38E-03	2.00E-02	2.74E-02
26.972	6.79E-03	2.00E-02	2.68E-02
24.930	6.24E-03	2.00E-02	2.62E-02
23.039	5.73E-03	2.00E-02	2.57E-02
21.316	5.27E-03	2.00E-02	2.53E-02
19.745	4.85E-03	2.00E-02	2.48E-02
18.317	4.47E-03	2.00E-02	2.45E-02
17.026	4.12E-03	2.00E-02	2.41E-02
15.861	3.81E-03	2.00E-02	2.38E-02
14.801	3.52E-03	2.00E-02	2.35E-02
13.847	3.26E-03	2.00E-02	2.33E-02
12.978	3.03E-03	2.00E-02	2.30E-02
12.198	2.82E-03	2.00E-02	2.28E-02
11.494	2.63E-03	2.00E-02	2.26E-02
10.856	2.46E-03	2.00E-02	2.25E-02
10.266	2.30E-03	2.00E-02	2.23E-02
9.731	2.16E-03	2.00E-02	2.22E-02
9.242	2.03E-03	2.00E-02	2.20E-02
8.794	1.91E-03	2.00E-02	2.19E-02
8.385	1.80E-03	2.00E-02	2.18E-02
8.011	1.70E-03	2.00E-02	2.17E-02
7.669	1.60E-03	2.00E-02	2.16E-02
7.348	1.52E-03	2.00E-02	2.15E-02
7.049	1.44E-03	2.00E-02	2.14E-02
6.774	1.36E-03	2.00E-02	2.14E-02
6.523	1.30E-03	2.00E-02	2.13E-02
6.288	1.23E-03	2.00E-02	2.12E-02

6.071	1.17E-03	2.00E-02	2.12E-02
5.867	1.12E-03	2.00E-02	2.11E-02
5.678	1.07E-03	2.00E-02	2.11E-02
2.908	3.25E-04	2.00E-02	2.03E-02
2.960	3.39E-04	2.00E-02	2.03E-02
3.014	3.53E-04	2.00E-02	2.04E-02
3.070	3.68E-04	2.00E-02	2.04E-02
3.126	3.83E-04	2.00E-02	2.04E-02
3.184	3.99E-04	2.00E-02	2.04E-02
3.243	4.15E-04	2.00E-02	2.04E-02
3.301	4.30E-04	2.00E-02	2.04E-02
3.357	4.45E-04	2.00E-02	2.04E-02
3.413	4.60E-04	2.00E-02	2.05E-02
3.471	4.76E-04	2.00E-02	2.05E-02
3.529	4.91E-04	2.00E-02	2.05E-02
3.589	5.07E-04	2.00E-02	2.05E-02
3.653	5.25E-04	2.00E-02	2.05E-02
3.722	5.43E-04	2.00E-02	2.05E-02
3.796	5.63E-04	2.00E-02	2.06E-02
3.875	5.84E-04	2.00E-02	2.06E-02
3.958	6.07E-04	2.00E-02	2.06E-02
4.048	6.31E-04	2.00E-02	2.06E-02
4.143	6.57E-04	2.00E-02	2.07E-02
4.248	6.85E-04	2.00E-02	2.07E-02
4.364	7.16E-04	2.00E-02	2.07E-02
4.492	7.50E-04	2.00E-02	2.08E-02
4.637	7.89E-04	2.00E-02	2.08E-02
4.810	8.36E-04	2.00E-02	2.08E-02
5.021	8.92E-04	2.00E-02	2.09E-02
5.287	9.64E-04	2.00E-02	2.10E-02
5.641	1.06E-03	2.00E-02	2.11E-02
6.131	1.19E-03	2.00E-02	2.12E-02
6.835	1.38E-03	2.00E-02	2.14E-02
7.840	1.65E-03	2.00E-02	2.16E-02
9.263	2.03E-03	2.00E-02	2.20E-02
11.184	2.55E-03	2.00E-02	2.25E-02
13.667	3.22E-03	2.00E-02	2.32E-02
16.866	4.08E-03	2.00E-02	2.41E-02
21.021	5.19E-03	2.00E-02	2.52E-02
43.573	1.13E-02	2.00E-02	3.13E-02
43.699	1.13E-02	2.00E-02	3.13E-02
43.519	1.12E-02	2.00E-02	3.12E-02
39.712	1.02E-02	2.00E-02	3.02E-02
36.096	9.24E-03	2.00E-02	2.92E-02
32.772	8.35E-03	2.00E-02	2.83E-02
29.770	7.54E-03	2.00E-02	2.75E-02
27.103	6.83E-03	2.00E-02	2.68E-02
24.707	6.18E-03	2.00E-02	2.62E-02
22.559	5.61E-03	2.00E-02	2.56E-02
20.672	5.10E-03	2.00E-02	2.51E-02
19.005	4.65E-03	2.00E-02	2.47E-02
17.524	4.25E-03	2.00E-02	2.43E-02
16.213	3.90E-03	2.00E-02	2.39E-02
15.050	3.59E-03	2.00E-02	2.36E-02
14.017	3.31E-03	2.00E-02	2.33E-02

13.087	3.06E-03	2.00E-02	2.31E-02
12.249	2.83E-03	2.00E-02	2.28E-02
11.507	2.64E-03	2.00E-02	2.26E-02
10.841	2.46E-03	2.00E-02	2.25E-02
10.230	2.29E-03	2.00E-02	2.23E-02
9.677	2.14E-03	2.00E-02	2.21E-02
9.175	2.01E-03	2.00E-02	2.20E-02
8.718	1.89E-03	2.00E-02	2.19E-02
8.303	1.77E-03	2.00E-02	2.18E-02
7.927	1.67E-03	2.00E-02	2.17E-02
7.578	1.58E-03	2.00E-02	2.16E-02
7.255	1.49E-03	2.00E-02	2.15E-02
6.958	1.41E-03	2.00E-02	2.14E-02
6.685	1.34E-03	2.00E-02	2.13E-02
6.435	1.27E-03	2.00E-02	2.13E-02
6.203	1.21E-03	2.00E-02	2.12E-02
5.987	1.15E-03	2.00E-02	2.12E-02
5.787	1.10E-03	2.00E-02	2.11E-02
5.600	1.05E-03	2.00E-02	2.10E-02
3.005	3.51E-04	2.00E-02	2.04E-02
3.066	3.67E-04	2.00E-02	2.04E-02
3.130	3.84E-04	2.00E-02	2.04E-02
3.195	4.02E-04	2.00E-02	2.04E-02
3.262	4.20E-04	2.00E-02	2.04E-02
3.331	4.38E-04	2.00E-02	2.04E-02
3.400	4.57E-04	2.00E-02	2.05E-02
3.469	4.75E-04	2.00E-02	2.05E-02
3.536	4.93E-04	2.00E-02	2.05E-02
3.601	5.11E-04	2.00E-02	2.05E-02
3.667	5.29E-04	2.00E-02	2.05E-02
3.735	5.47E-04	2.00E-02	2.05E-02
3.806	5.66E-04	2.00E-02	2.06E-02
3.885	5.87E-04	2.00E-02	2.06E-02
3.968	6.09E-04	2.00E-02	2.06E-02
4.057	6.33E-04	2.00E-02	2.06E-02
4.151	6.59E-04	2.00E-02	2.07E-02
4.251	6.85E-04	2.00E-02	2.07E-02
4.358	7.14E-04	2.00E-02	2.07E-02
4.472	7.45E-04	2.00E-02	2.07E-02
4.597	7.79E-04	2.00E-02	2.08E-02
4.738	8.16E-04	2.00E-02	2.08E-02
4.892	8.58E-04	2.00E-02	2.09E-02
5.069	9.05E-04	2.00E-02	2.09E-02
5.276	9.61E-04	2.00E-02	2.10E-02
5.525	1.03E-03	2.00E-02	2.10E-02
5.837	1.11E-03	2.00E-02	2.11E-02
6.248	1.22E-03	2.00E-02	2.12E-02
6.817	1.37E-03	2.00E-02	2.14E-02
7.648	1.60E-03	2.00E-02	2.16E-02
8.890	1.93E-03	2.00E-02	2.19E-02
10.714	2.42E-03	2.00E-02	2.24E-02
13.272	3.11E-03	2.00E-02	2.31E-02
16.694	4.03E-03	2.00E-02	2.40E-02
21.274	5.26E-03	2.00E-02	2.53E-02
27.008	6.80E-03	2.00E-02	2.68E-02

47.114	1.22E-02	2.00E-02	3.22E-02
46.850	1.21E-02	2.00E-02	3.21E-02
45.955	1.19E-02	2.00E-02	3.19E-02
40.907	1.05E-02	2.00E-02	3.05E-02
36.364	9.31E-03	2.00E-02	2.93E-02
32.385	8.25E-03	2.00E-02	2.82E-02
28.950	7.32E-03	2.00E-02	2.73E-02
26.014	6.53E-03	2.00E-02	2.65E-02
23.463	5.85E-03	2.00E-02	2.58E-02
21.291	5.26E-03	2.00E-02	2.53E-02
19.417	4.76E-03	2.00E-02	2.48E-02
17.784	4.32E-03	2.00E-02	2.43E-02
16.363	3.94E-03	2.00E-02	2.39E-02
15.118	3.61E-03	2.00E-02	2.36E-02
14.029	3.31E-03	2.00E-02	2.33E-02
13.053	3.05E-03	2.00E-02	2.31E-02
12.189	2.82E-03	2.00E-02	2.28E-02
11.426	2.61E-03	2.00E-02	2.26E-02
10.742	2.43E-03	2.00E-02	2.24E-02
10.119	2.26E-03	2.00E-02	2.23E-02
9.563	2.11E-03	2.00E-02	2.21E-02
9.056	1.98E-03	2.00E-02	2.20E-02
8.597	1.85E-03	2.00E-02	2.19E-02
8.184	1.74E-03	2.00E-02	2.17E-02
7.805	1.64E-03	2.00E-02	2.16E-02
7.456	1.55E-03	2.00E-02	2.15E-02
7.139	1.46E-03	2.00E-02	2.15E-02
6.845	1.38E-03	2.00E-02	2.14E-02
6.577	1.31E-03	2.00E-02	2.13E-02
6.331	1.24E-03	2.00E-02	2.12E-02
6.102	1.18E-03	2.00E-02	2.12E-02
5.891	1.13E-03	2.00E-02	2.11E-02
5.694	1.07E-03	2.00E-02	2.11E-02
5.510	1.02E-03	2.00E-02	2.10E-02
3.113	3.80E-04	2.00E-02	2.04E-02
3.186	3.99E-04	2.00E-02	2.04E-02
3.261	4.19E-04	2.00E-02	2.04E-02
3.340	4.41E-04	2.00E-02	2.04E-02
3.421	4.63E-04	2.00E-02	2.05E-02
3.504	4.85E-04	2.00E-02	2.05E-02
3.586	5.07E-04	2.00E-02	2.05E-02
3.667	5.28E-04	2.00E-02	2.05E-02
3.745	5.49E-04	2.00E-02	2.05E-02
3.821	5.70E-04	2.00E-02	2.06E-02
3.897	5.90E-04	2.00E-02	2.06E-02
3.978	6.12E-04	2.00E-02	2.06E-02
4.066	6.36E-04	2.00E-02	2.06E-02
4.160	6.61E-04	2.00E-02	2.07E-02
4.259	6.88E-04	2.00E-02	2.07E-02
4.364	7.16E-04	2.00E-02	2.07E-02
4.475	7.46E-04	2.00E-02	2.07E-02
4.594	7.78E-04	2.00E-02	2.08E-02
4.722	8.12E-04	2.00E-02	2.08E-02
4.858	8.49E-04	2.00E-02	2.08E-02
5.008	8.89E-04	2.00E-02	2.09E-02



5.178	9.34E-04	2.00E-02	2.09E-02
5.367	9.85E-04	2.00E-02	2.10E-02
5.585	1.04E-03	2.00E-02	2.10E-02
5.838	1.11E-03	2.00E-02	2.11E-02
6.140	1.19E-03	2.00E-02	2.12E-02
6.516	1.29E-03	2.00E-02	2.13E-02
7.000	1.42E-03	2.00E-02	2.14E-02
7.662	1.60E-03	2.00E-02	2.16E-02
8.631	1.86E-03	2.00E-02	2.19E-02
10.132	2.27E-03	2.00E-02	2.23E-02
12.449	2.89E-03	2.00E-02	2.29E-02
15.828	3.80E-03	2.00E-02	2.38E-02
20.632	5.09E-03	2.00E-02	2.51E-02
27.150	6.84E-03	2.00E-02	2.68E-02
50.006	1.30E-02	2.00E-02	3.30E-02
48.010	1.24E-02	2.00E-02	3.24E-02
44.296	1.14E-02	2.00E-02	3.14E-02
39.638	1.02E-02	2.00E-02	3.02E-02
34.487	8.81E-03	2.00E-02	2.88E-02
30.289	7.68E-03	2.00E-02	2.77E-02
26.802	6.75E-03	2.00E-02	2.67E-02
23.922	5.97E-03	2.00E-02	2.60E-02
21.535	5.33E-03	2.00E-02	2.53E-02
19.506	4.78E-03	2.00E-02	2.48E-02
17.800	4.33E-03	2.00E-02	2.43E-02
16.298	3.92E-03	2.00E-02	2.39E-02
15.006	3.58E-03	2.00E-02	2.36E-02
13.879	3.27E-03	2.00E-02	2.33E-02
12.887	3.01E-03	2.00E-02	2.30E-02
12.017	2.77E-03	2.00E-02	2.28E-02
11.248	2.57E-03	2.00E-02	2.26E-02
10.559	2.38E-03	2.00E-02	2.24E-02
9.938	2.21E-03	2.00E-02	2.22E-02
9.385	2.06E-03	2.00E-02	2.21E-02
8.887	1.93E-03	2.00E-02	2.19E-02
8.434	1.81E-03	2.00E-02	2.18E-02
8.026	1.70E-03	2.00E-02	2.17E-02
7.652	1.60E-03	2.00E-02	2.16E-02
7.313	1.51E-03	2.00E-02	2.15E-02
7.000	1.42E-03	2.00E-02	2.14E-02
6.714	1.35E-03	2.00E-02	2.13E-02
6.455	1.28E-03	2.00E-02	2.13E-02
6.211	1.21E-03	2.00E-02	2.12E-02
5.987	1.15E-03	2.00E-02	2.12E-02
5.782	1.10E-03	2.00E-02	2.11E-02
5.591	1.05E-03	2.00E-02	2.10E-02
5.412	9.97E-04	2.00E-02	2.10E-02
3.235	4.12E-04	2.00E-02	2.04E-02
3.321	4.35E-04	2.00E-02	2.04E-02
3.412	4.60E-04	2.00E-02	2.05E-02
3.508	4.86E-04	2.00E-02	2.05E-02
3.607	5.13E-04	2.00E-02	2.05E-02
3.709	5.40E-04	2.00E-02	2.05E-02
3.808	5.67E-04	2.00E-02	2.06E-02
3.904	5.92E-04	2.00E-02	2.06E-02

3.995	6.17E-04	2.00E-02	2.06E-02
4.083	6.40E-04	2.00E-02	2.06E-02
4.174	6.65E-04	2.00E-02	2.07E-02
4.272	6.91E-04	2.00E-02	2.07E-02
4.377	7.19E-04	2.00E-02	2.07E-02
4.489	7.49E-04	2.00E-02	2.07E-02
4.605	7.81E-04	2.00E-02	2.08E-02
4.727	8.13E-04	2.00E-02	2.08E-02
4.856	8.48E-04	2.00E-02	2.08E-02
4.994	8.85E-04	2.00E-02	2.09E-02
5.143	9.25E-04	2.00E-02	2.09E-02
5.307	9.69E-04	2.00E-02	2.10E-02
5.488	1.02E-03	2.00E-02	2.10E-02
5.695	1.07E-03	2.00E-02	2.11E-02
5.933	1.14E-03	2.00E-02	2.11E-02
6.203	1.21E-03	2.00E-02	2.12E-02
6.515	1.29E-03	2.00E-02	2.13E-02
6.888	1.39E-03	2.00E-02	2.14E-02
7.347	1.52E-03	2.00E-02	2.15E-02
7.929	1.67E-03	2.00E-02	2.17E-02
8.704	1.88E-03	2.00E-02	2.19E-02
9.816	2.18E-03	2.00E-02	2.22E-02
11.565	2.65E-03	2.00E-02	2.27E-02
14.406	3.41E-03	2.00E-02	2.34E-02
18.855	4.61E-03	2.00E-02	2.46E-02
25.723	6.46E-03	2.00E-02	2.65E-02
48.772	1.26E-02	2.00E-02	3.26E-02
44.614	1.15E-02	2.00E-02	3.15E-02
40.385	1.04E-02	2.00E-02	3.04E-02
35.790	9.16E-03	2.00E-02	2.92E-02
30.858	7.84E-03	2.00E-02	2.78E-02
27.000	6.80E-03	2.00E-02	2.68E-02
23.901	5.97E-03	2.00E-02	2.60E-02
21.388	5.29E-03	2.00E-02	2.53E-02
19.292	4.73E-03	2.00E-02	2.47E-02
17.542	4.26E-03	2.00E-02	2.43E-02
16.039	3.85E-03	2.00E-02	2.39E-02
14.744	3.51E-03	2.00E-02	2.35E-02
13.609	3.20E-03	2.00E-02	2.32E-02
12.624	2.94E-03	2.00E-02	2.29E-02
11.761	2.70E-03	2.00E-02	2.27E-02
10.995	2.50E-03	2.00E-02	2.25E-02
10.316	2.32E-03	2.00E-02	2.23E-02
9.709	2.15E-03	2.00E-02	2.22E-02
9.167	2.01E-03	2.00E-02	2.20E-02
8.680	1.88E-03	2.00E-02	2.19E-02
8.239	1.76E-03	2.00E-02	2.18E-02
7.840	1.65E-03	2.00E-02	2.16E-02
7.476	1.55E-03	2.00E-02	2.16E-02
7.148	1.46E-03	2.00E-02	2.15E-02
6.844	1.38E-03	2.00E-02	2.14E-02
6.570	1.31E-03	2.00E-02	2.13E-02
6.317	1.24E-03	2.00E-02	2.12E-02
6.080	1.18E-03	2.00E-02	2.12E-02
5.862	1.12E-03	2.00E-02	2.11E-02

5.664	1.07E-03	2.00E-02	2.11E-02
5.479	1.02E-03	2.00E-02	2.10E-02
5.308	9.69E-04	2.00E-02	2.10E-02
3.370	4.49E-04	2.00E-02	2.04E-02
3.474	4.77E-04	2.00E-02	2.05E-02
3.586	5.07E-04	2.00E-02	2.05E-02
3.705	5.39E-04	2.00E-02	2.05E-02
3.831	5.72E-04	2.00E-02	2.06E-02
3.957	6.07E-04	2.00E-02	2.06E-02
4.081	6.40E-04	2.00E-02	2.06E-02
4.196	6.71E-04	2.00E-02	2.07E-02
4.301	6.99E-04	2.00E-02	2.07E-02
4.404	7.27E-04	2.00E-02	2.07E-02
4.514	7.56E-04	2.00E-02	2.08E-02
4.633	7.88E-04	2.00E-02	2.08E-02
4.756	8.21E-04	2.00E-02	2.08E-02
4.884	8.56E-04	2.00E-02	2.09E-02
5.015	8.91E-04	2.00E-02	2.09E-02
5.151	9.27E-04	2.00E-02	2.09E-02
5.296	9.66E-04	2.00E-02	2.10E-02
5.453	1.01E-03	2.00E-02	2.10E-02
5.627	1.06E-03	2.00E-02	2.11E-02
5.822	1.11E-03	2.00E-02	2.11E-02
6.045	1.17E-03	2.00E-02	2.12E-02
6.300	1.24E-03	2.00E-02	2.12E-02
6.600	1.32E-03	2.00E-02	2.13E-02
6.942	1.41E-03	2.00E-02	2.14E-02
7.336	1.51E-03	2.00E-02	2.15E-02
7.802	1.64E-03	2.00E-02	2.16E-02
8.375	1.79E-03	2.00E-02	2.18E-02
9.086	1.98E-03	2.00E-02	2.20E-02
10.003	2.23E-03	2.00E-02	2.22E-02
11.269	2.57E-03	2.00E-02	2.26E-02
13.226	3.10E-03	2.00E-02	2.31E-02
16.522	3.98E-03	2.00E-02	2.40E-02
22.444	5.57E-03	2.00E-02	2.56E-02
32.095	8.17E-03	2.00E-02	2.82E-02
42.598	1.10E-02	2.00E-02	3.10E-02
38.170	9.80E-03	2.00E-02	2.98E-02
34.578	8.83E-03	2.00E-02	2.88E-02
30.827	7.83E-03	2.00E-02	2.78E-02
26.697	6.72E-03	2.00E-02	2.67E-02
23.513	5.86E-03	2.00E-02	2.59E-02
20.982	5.18E-03	2.00E-02	2.52E-02
18.866	4.61E-03	2.00E-02	2.46E-02
17.098	4.14E-03	2.00E-02	2.41E-02
15.614	3.74E-03	2.00E-02	2.37E-02
14.335	3.40E-03	2.00E-02	2.34E-02
13.235	3.10E-03	2.00E-02	2.31E-02
12.280	2.84E-03	2.00E-02	2.28E-02
11.435	2.62E-03	2.00E-02	2.26E-02
10.690	2.42E-03	2.00E-02	2.24E-02
10.030	2.24E-03	2.00E-02	2.22E-02
9.443	2.08E-03	2.00E-02	2.21E-02
8.917	1.94E-03	2.00E-02	2.19E-02

8.449	1.81E-03	2.00E-02	2.18E-02
8.028	1.70E-03	2.00E-02	2.17E-02
7.640	1.60E-03	2.00E-02	2.16E-02
7.289	1.50E-03	2.00E-02	2.15E-02
6.969	1.42E-03	2.00E-02	2.14E-02
6.681	1.34E-03	2.00E-02	2.13E-02
6.416	1.27E-03	2.00E-02	2.13E-02
6.169	1.20E-03	2.00E-02	2.12E-02
5.942	1.14E-03	2.00E-02	2.11E-02
5.732	1.08E-03	2.00E-02	2.11E-02
5.538	1.03E-03	2.00E-02	2.10E-02
5.361	9.84E-04	2.00E-02	2.10E-02
5.196	9.39E-04	2.00E-02	2.09E-02
3.523	4.90E-04	2.00E-02	2.05E-02
3.649	5.24E-04	2.00E-02	2.05E-02
3.788	5.61E-04	2.00E-02	2.06E-02
3.941	6.02E-04	2.00E-02	2.06E-02
4.103	6.46E-04	2.00E-02	2.06E-02
4.269	6.90E-04	2.00E-02	2.07E-02
4.428	7.33E-04	2.00E-02	2.07E-02
4.568	7.71E-04	2.00E-02	2.08E-02
4.693	8.04E-04	2.00E-02	2.08E-02
4.817	8.38E-04	2.00E-02	2.08E-02
4.951	8.74E-04	2.00E-02	2.09E-02
5.090	9.11E-04	2.00E-02	2.09E-02
5.226	9.48E-04	2.00E-02	2.09E-02
5.360	9.84E-04	2.00E-02	2.10E-02
5.496	1.02E-03	2.00E-02	2.10E-02
5.640	1.06E-03	2.00E-02	2.11E-02
5.797	1.10E-03	2.00E-02	2.11E-02
5.973	1.15E-03	2.00E-02	2.11E-02
6.175	1.20E-03	2.00E-02	2.12E-02
6.407	1.26E-03	2.00E-02	2.13E-02
6.679	1.34E-03	2.00E-02	2.13E-02
7.003	1.42E-03	2.00E-02	2.14E-02
7.379	1.53E-03	2.00E-02	2.15E-02
7.819	1.64E-03	2.00E-02	2.16E-02
8.340	1.78E-03	2.00E-02	2.18E-02
8.940	1.95E-03	2.00E-02	2.19E-02
9.672	2.14E-03	2.00E-02	2.21E-02
10.563	2.38E-03	2.00E-02	2.24E-02
11.676	2.68E-03	2.00E-02	2.27E-02
13.141	3.07E-03	2.00E-02	2.31E-02
15.234	3.64E-03	2.00E-02	2.36E-02
18.809	4.60E-03	2.00E-02	2.46E-02
26.282	6.61E-03	2.00E-02	2.66E-02
45.307	1.17E-02	2.00E-02	3.17E-02
40.861	1.05E-02	2.00E-02	3.05E-02
34.636	8.85E-03	2.00E-02	2.89E-02
30.817	7.82E-03	2.00E-02	2.78E-02
27.607	6.96E-03	2.00E-02	2.70E-02
26.444	6.65E-03	2.00E-02	2.66E-02
23.018	5.73E-03	2.00E-02	2.57E-02
20.430	5.03E-03	2.00E-02	2.50E-02
18.316	4.46E-03	2.00E-02	2.45E-02

16.569	4.00E-03	2.00E-02	2.40E-02
15.073	3.59E-03	2.00E-02	2.36E-02
13.851	3.27E-03	2.00E-02	2.33E-02
12.800	2.98E-03	2.00E-02	2.30E-02
11.873	2.73E-03	2.00E-02	2.27E-02
11.066	2.52E-03	2.00E-02	2.25E-02
10.354	2.33E-03	2.00E-02	2.23E-02
9.719	2.15E-03	2.00E-02	2.22E-02
9.156	2.00E-03	2.00E-02	2.20E-02
8.652	1.87E-03	2.00E-02	2.19E-02
8.202	1.75E-03	2.00E-02	2.17E-02
7.796	1.64E-03	2.00E-02	2.16E-02
7.427	1.54E-03	2.00E-02	2.15E-02
7.089	1.45E-03	2.00E-02	2.14E-02
6.788	1.37E-03	2.00E-02	2.14E-02
6.511	1.29E-03	2.00E-02	2.13E-02
6.253	1.22E-03	2.00E-02	2.12E-02
6.018	1.16E-03	2.00E-02	2.12E-02
5.800	1.10E-03	2.00E-02	2.11E-02
5.598	1.05E-03	2.00E-02	2.10E-02
5.412	9.97E-04	2.00E-02	2.10E-02
5.240	9.51E-04	2.00E-02	2.10E-02
5.079	9.08E-04	2.00E-02	2.09E-02
3.696	5.36E-04	2.00E-02	2.05E-02
3.851	5.78E-04	2.00E-02	2.06E-02
4.027	6.25E-04	2.00E-02	2.06E-02
4.227	6.79E-04	2.00E-02	2.07E-02
4.446	7.38E-04	2.00E-02	2.07E-02
4.674	7.99E-04	2.00E-02	2.08E-02
4.892	8.58E-04	2.00E-02	2.09E-02
5.076	9.07E-04	2.00E-02	2.09E-02
5.235	9.50E-04	2.00E-02	2.09E-02
5.393	9.92E-04	2.00E-02	2.10E-02
5.550	1.03E-03	2.00E-02	2.10E-02
5.689	1.07E-03	2.00E-02	2.11E-02
5.812	1.11E-03	2.00E-02	2.11E-02
5.930	1.14E-03	2.00E-02	2.11E-02
6.052	1.17E-03	2.00E-02	2.12E-02
6.191	1.21E-03	2.00E-02	2.12E-02
6.353	1.25E-03	2.00E-02	2.13E-02
6.547	1.30E-03	2.00E-02	2.13E-02
6.781	1.37E-03	2.00E-02	2.14E-02
7.060	1.44E-03	2.00E-02	2.14E-02
7.392	1.53E-03	2.00E-02	2.15E-02
7.795	1.64E-03	2.00E-02	2.16E-02
8.278	1.77E-03	2.00E-02	2.18E-02
8.853	1.92E-03	2.00E-02	2.19E-02
9.538	2.11E-03	2.00E-02	2.21E-02
10.365	2.33E-03	2.00E-02	2.23E-02
11.346	2.59E-03	2.00E-02	2.26E-02
12.527	2.91E-03	2.00E-02	2.29E-02
13.964	3.30E-03	2.00E-02	2.33E-02
15.736	3.77E-03	2.00E-02	2.38E-02
17.965	4.37E-03	2.00E-02	2.44E-02
21.485	5.32E-03	2.00E-02	2.53E-02

46.766	1.21E-02	2.00E-02	3.21E-02
40.582	1.04E-02	2.00E-02	3.04E-02
35.928	9.20E-03	2.00E-02	2.92E-02
32.698	8.33E-03	2.00E-02	2.83E-02
27.837	7.02E-03	2.00E-02	2.70E-02
24.317	6.08E-03	2.00E-02	2.61E-02
22.805	5.67E-03	2.00E-02	2.57E-02
22.851	5.68E-03	2.00E-02	2.57E-02
19.967	4.91E-03	2.00E-02	2.49E-02
17.798	4.33E-03	2.00E-02	2.43E-02
16.045	3.85E-03	2.00E-02	2.39E-02
14.580	3.46E-03	2.00E-02	2.35E-02
13.387	3.14E-03	2.00E-02	2.31E-02
12.355	2.86E-03	2.00E-02	2.29E-02
11.461	2.62E-03	2.00E-02	2.26E-02
10.691	2.42E-03	2.00E-02	2.24E-02
10.009	2.23E-03	2.00E-02	2.22E-02
9.403	2.07E-03	2.00E-02	2.21E-02
8.866	1.93E-03	2.00E-02	2.19E-02
8.386	1.80E-03	2.00E-02	2.18E-02
7.953	1.68E-03	2.00E-02	2.17E-02
7.565	1.58E-03	2.00E-02	2.16E-02
7.211	1.48E-03	2.00E-02	2.15E-02
6.895	1.40E-03	2.00E-02	2.14E-02
6.605	1.32E-03	2.00E-02	2.13E-02
6.338	1.25E-03	2.00E-02	2.12E-02
6.091	1.18E-03	2.00E-02	2.12E-02
5.863	1.12E-03	2.00E-02	2.11E-02
5.655	1.06E-03	2.00E-02	2.11E-02
5.463	1.01E-03	2.00E-02	2.10E-02
5.283	9.63E-04	2.00E-02	2.10E-02
5.116	9.18E-04	2.00E-02	2.09E-02
4.960	8.76E-04	2.00E-02	2.09E-02
3.897	5.90E-04	2.00E-02	2.06E-02
4.090	6.42E-04	2.00E-02	2.06E-02
4.317	7.03E-04	2.00E-02	2.07E-02
4.583	7.75E-04	2.00E-02	2.08E-02
4.893	8.58E-04	2.00E-02	2.09E-02
5.233	9.49E-04	2.00E-02	2.09E-02
5.575	1.04E-03	2.00E-02	2.10E-02
5.868	1.12E-03	2.00E-02	2.11E-02
6.101	1.18E-03	2.00E-02	2.12E-02
6.295	1.23E-03	2.00E-02	2.12E-02
6.417	1.27E-03	2.00E-02	2.13E-02
6.481	1.28E-03	2.00E-02	2.13E-02
6.532	1.30E-03	2.00E-02	2.13E-02
6.591	1.31E-03	2.00E-02	2.13E-02
6.675	1.34E-03	2.00E-02	2.13E-02
6.794	1.37E-03	2.00E-02	2.14E-02
6.955	1.41E-03	2.00E-02	2.14E-02
7.164	1.47E-03	2.00E-02	2.15E-02
7.431	1.54E-03	2.00E-02	2.15E-02
7.761	1.63E-03	2.00E-02	2.16E-02
8.168	1.74E-03	2.00E-02	2.17E-02
8.666	1.87E-03	2.00E-02	2.19E-02

9.282	2.04E-03	2.00E-02	2.20E-02
10.030	2.24E-03	2.00E-02	2.22E-02
10.945	2.48E-03	2.00E-02	2.25E-02
12.068	2.79E-03	2.00E-02	2.28E-02
13.468	3.16E-03	2.00E-02	2.32E-02
15.173	3.62E-03	2.00E-02	2.36E-02
17.252	4.18E-03	2.00E-02	2.42E-02
19.703	4.84E-03	2.00E-02	2.48E-02
22.609	5.62E-03	2.00E-02	2.56E-02
25.599	6.42E-03	2.00E-02	2.64E-02
41.273	1.06E-02	2.00E-02	3.06E-02
35.460	9.07E-03	2.00E-02	2.91E-02
31.172	7.92E-03	2.00E-02	2.79E-02
28.141	7.11E-03	2.00E-02	2.71E-02
26.196	6.58E-03	2.00E-02	2.66E-02
22.534	5.60E-03	2.00E-02	2.56E-02
20.835	5.14E-03	2.00E-02	2.51E-02
19.473	4.78E-03	2.00E-02	2.48E-02
20.082	4.94E-03	2.00E-02	2.49E-02
17.567	4.26E-03	2.00E-02	2.43E-02
15.651	3.75E-03	2.00E-02	2.37E-02
14.174	3.35E-03	2.00E-02	2.34E-02
12.970	3.03E-03	2.00E-02	2.30E-02
11.953	2.76E-03	2.00E-02	2.28E-02
11.086	2.52E-03	2.00E-02	2.25E-02
10.340	2.32E-03	2.00E-02	2.23E-02
9.684	2.15E-03	2.00E-02	2.21E-02
9.101	1.99E-03	2.00E-02	2.20E-02
8.586	1.85E-03	2.00E-02	2.19E-02
8.123	1.73E-03	2.00E-02	2.17E-02
7.714	1.62E-03	2.00E-02	2.16E-02
7.343	1.52E-03	2.00E-02	2.15E-02
7.008	1.43E-03	2.00E-02	2.14E-02
6.705	1.34E-03	2.00E-02	2.13E-02
6.425	1.27E-03	2.00E-02	2.13E-02
6.168	1.20E-03	2.00E-02	2.12E-02
5.931	1.14E-03	2.00E-02	2.11E-02
5.711	1.08E-03	2.00E-02	2.11E-02
5.510	1.02E-03	2.00E-02	2.10E-02
5.325	9.74E-04	2.00E-02	2.10E-02
5.153	9.28E-04	2.00E-02	2.09E-02
4.992	8.84E-04	2.00E-02	2.09E-02
4.842	8.44E-04	2.00E-02	2.08E-02
4.128	6.52E-04	2.00E-02	2.07E-02
4.374	7.19E-04	2.00E-02	2.07E-02
4.672	7.99E-04	2.00E-02	2.08E-02
5.037	8.97E-04	2.00E-02	2.09E-02
5.493	1.02E-03	2.00E-02	2.10E-02
6.057	1.17E-03	2.00E-02	2.12E-02
6.749	1.36E-03	2.00E-02	2.14E-02
7.449	1.54E-03	2.00E-02	2.15E-02
7.847	1.65E-03	2.00E-02	2.17E-02
7.844	1.65E-03	2.00E-02	2.17E-02
7.661	1.60E-03	2.00E-02	2.16E-02
7.489	1.56E-03	2.00E-02	2.16E-02

7.377	1.53E-03	2.00E-02	2.15E-02
7.330	1.51E-03	2.00E-02	2.15E-02
7.349	1.52E-03	2.00E-02	2.15E-02
7.434	1.54E-03	2.00E-02	2.15E-02
7.586	1.58E-03	2.00E-02	2.16E-02
7.808	1.64E-03	2.00E-02	2.16E-02
8.108	1.72E-03	2.00E-02	2.17E-02
8.493	1.83E-03	2.00E-02	2.18E-02
8.980	1.96E-03	2.00E-02	2.20E-02
9.586	2.12E-03	2.00E-02	2.21E-02
10.349	2.32E-03	2.00E-02	2.23E-02
11.297	2.58E-03	2.00E-02	2.26E-02
12.487	2.90E-03	2.00E-02	2.29E-02
13.996	3.30E-03	2.00E-02	2.33E-02
15.935	3.83E-03	2.00E-02	2.38E-02
18.433	4.50E-03	2.00E-02	2.45E-02
21.645	5.36E-03	2.00E-02	2.54E-02
25.828	6.48E-03	2.00E-02	2.65E-02
31.210	7.93E-03	2.00E-02	2.79E-02
36.301	9.30E-03	2.00E-02	2.93E-02
41.199	1.06E-02	2.00E-02	3.06E-02
34.868	8.91E-03	2.00E-02	2.89E-02
30.106	7.63E-03	2.00E-02	2.76E-02
26.574	6.68E-03	2.00E-02	2.67E-02
24.044	6.00E-03	2.00E-02	2.60E-02
22.307	5.54E-03	2.00E-02	2.55E-02
21.253	5.25E-03	2.00E-02	2.53E-02
19.607	4.81E-03	2.00E-02	2.48E-02
17.621	4.28E-03	2.00E-02	2.43E-02
16.396	3.95E-03	2.00E-02	2.39E-02
18.005	4.38E-03	2.00E-02	2.44E-02
15.685	3.76E-03	2.00E-02	2.38E-02
13.995	3.30E-03	2.00E-02	2.33E-02
12.698	2.96E-03	2.00E-02	2.30E-02
11.668	2.68E-03	2.00E-02	2.27E-02
10.798	2.44E-03	2.00E-02	2.24E-02
10.055	2.25E-03	2.00E-02	2.22E-02
9.406	2.07E-03	2.00E-02	2.21E-02
8.836	1.92E-03	2.00E-02	2.19E-02
8.335	1.78E-03	2.00E-02	2.18E-02
7.889	1.66E-03	2.00E-02	2.17E-02
7.495	1.56E-03	2.00E-02	2.16E-02
7.139	1.46E-03	2.00E-02	2.15E-02
6.818	1.38E-03	2.00E-02	2.14E-02
6.523	1.30E-03	2.00E-02	2.13E-02
6.252	1.22E-03	2.00E-02	2.12E-02
6.003	1.16E-03	2.00E-02	2.12E-02
5.774	1.09E-03	2.00E-02	2.11E-02
5.562	1.04E-03	2.00E-02	2.10E-02
5.366	9.85E-04	2.00E-02	2.10E-02
5.187	9.37E-04	2.00E-02	2.09E-02
5.020	8.92E-04	2.00E-02	2.09E-02
4.867	8.51E-04	2.00E-02	2.09E-02
4.724	8.13E-04	2.00E-02	2.08E-02
4.392	7.23E-04	2.00E-02	2.07E-02



4.712	8.09E-04	2.00E-02	2.08E-02
5.112	9.17E-04	2.00E-02	2.09E-02
5.628	1.06E-03	2.00E-02	2.11E-02
6.332	1.24E-03	2.00E-02	2.12E-02
7.392	1.53E-03	2.00E-02	2.15E-02
7.939	1.68E-03	2.00E-02	2.17E-02
7.830	1.65E-03	2.00E-02	2.16E-02
9.682	2.14E-03	2.00E-02	2.21E-02
10.252	2.30E-03	2.00E-02	2.23E-02
9.270	2.03E-03	2.00E-02	2.20E-02
8.672	1.87E-03	2.00E-02	2.19E-02
8.314	1.78E-03	2.00E-02	2.18E-02
8.118	1.72E-03	2.00E-02	2.17E-02
8.052	1.71E-03	2.00E-02	2.17E-02
8.097	1.72E-03	2.00E-02	2.17E-02
8.234	1.76E-03	2.00E-02	2.18E-02
8.463	1.82E-03	2.00E-02	2.18E-02
8.793	1.91E-03	2.00E-02	2.19E-02
9.232	2.02E-03	2.00E-02	2.20E-02
9.799	2.18E-03	2.00E-02	2.22E-02
10.515	2.37E-03	2.00E-02	2.24E-02
11.414	2.61E-03	2.00E-02	2.26E-02
12.565	2.92E-03	2.00E-02	2.29E-02
14.035	3.31E-03	2.00E-02	2.33E-02
15.939	3.83E-03	2.00E-02	2.38E-02
18.454	4.50E-03	2.00E-02	2.45E-02
21.804	5.40E-03	2.00E-02	2.54E-02
26.352	6.62E-03	2.00E-02	2.66E-02
33.084	8.43E-03	2.00E-02	2.84E-02
42.755	1.10E-02	2.00E-02	3.10E-02
57.139	1.49E-02	2.00E-02	3.49E-02
74.820	1.96E-02	2.00E-02	3.96E-02
35.866	9.18E-03	2.00E-02	2.92E-02
39.095	1.00E-02	2.00E-02	3.00E-02
33.150	8.45E-03	2.00E-02	2.85E-02
28.478	7.20E-03	2.00E-02	2.72E-02
24.953	6.25E-03	2.00E-02	2.62E-02
22.321	5.54E-03	2.00E-02	2.55E-02
20.318	5.00E-03	2.00E-02	2.50E-02
18.927	4.63E-03	2.00E-02	2.46E-02
17.991	4.38E-03	2.00E-02	2.44E-02
17.566	4.26E-03	2.00E-02	2.43E-02
17.819	4.33E-03	2.00E-02	2.43E-02
14.996	3.57E-03	2.00E-02	2.36E-02
14.689	3.49E-03	2.00E-02	2.35E-02
14.840	3.53E-03	2.00E-02	2.35E-02
14.284	3.38E-03	2.00E-02	2.34E-02
12.724	2.96E-03	2.00E-02	2.30E-02
11.577	2.65E-03	2.00E-02	2.27E-02
10.646	2.40E-03	2.00E-02	2.24E-02
9.865	2.19E-03	2.00E-02	2.22E-02
9.200	2.02E-03	2.00E-02	2.20E-02
8.629	1.86E-03	2.00E-02	2.19E-02
8.130	1.73E-03	2.00E-02	2.17E-02
7.696	1.61E-03	2.00E-02	2.16E-02

7.310	1.51E-03	2.00E-02	2.15E-02
6.960	1.41E-03	2.00E-02	2.14E-02
6.642	1.33E-03	2.00E-02	2.13E-02
6.350	1.25E-03	2.00E-02	2.12E-02
6.084	1.18E-03	2.00E-02	2.12E-02
5.841	1.11E-03	2.00E-02	2.11E-02
5.617	1.05E-03	2.00E-02	2.11E-02
5.411	9.97E-04	2.00E-02	2.10E-02
5.223	9.47E-04	2.00E-02	2.09E-02
5.049	9.00E-04	2.00E-02	2.09E-02
4.888	8.57E-04	2.00E-02	2.09E-02
4.741	8.17E-04	2.00E-02	2.08E-02
4.605	7.81E-04	2.00E-02	2.08E-02
4.702	8.07E-04	2.00E-02	2.08E-02
5.116	9.18E-04	2.00E-02	2.09E-02
5.663	1.06E-03	2.00E-02	2.11E-02
6.402	1.26E-03	2.00E-02	2.13E-02
7.537	1.57E-03	2.00E-02	2.16E-02
7.464	1.55E-03	2.00E-02	2.15E-02
9.110	1.99E-03	2.00E-02	2.20E-02
8.914	1.94E-03	2.00E-02	2.19E-02
10.109	2.26E-03	2.00E-02	2.23E-02
9.418	2.07E-03	2.00E-02	2.21E-02
11.166	2.54E-03	2.00E-02	2.25E-02
10.009	2.23E-03	2.00E-02	2.22E-02
9.344	2.05E-03	2.00E-02	2.21E-02
8.962	1.95E-03	2.00E-02	2.20E-02
8.787	1.90E-03	2.00E-02	2.19E-02
8.770	1.90E-03	2.00E-02	2.19E-02
8.886	1.93E-03	2.00E-02	2.19E-02
9.120	1.99E-03	2.00E-02	2.20E-02
9.469	2.09E-03	2.00E-02	2.21E-02
9.949	2.22E-03	2.00E-02	2.22E-02
10.581	2.39E-03	2.00E-02	2.24E-02
11.389	2.60E-03	2.00E-02	2.26E-02
12.409	2.88E-03	2.00E-02	2.29E-02
13.718	3.23E-03	2.00E-02	2.32E-02
15.415	3.69E-03	2.00E-02	2.37E-02
17.618	4.28E-03	2.00E-02	2.43E-02
20.544	5.06E-03	2.00E-02	2.51E-02
24.439	6.11E-03	2.00E-02	2.61E-02
29.922	7.58E-03	2.00E-02	2.76E-02
37.908	9.73E-03	2.00E-02	2.97E-02
49.495	1.28E-02	2.00E-02	3.28E-02
66.171	1.73E-02	2.00E-02	3.73E-02
83.846	2.21E-02	2.00E-02	4.21E-02
68.497	1.79E-02	2.00E-02	3.79E-02
38.689	9.94E-03	2.00E-02	2.99E-02
34.185	8.73E-03	2.00E-02	2.87E-02
29.652	7.51E-03	2.00E-02	2.75E-02
25.780	6.47E-03	2.00E-02	2.65E-02
22.726	5.65E-03	2.00E-02	2.57E-02
20.341	5.01E-03	2.00E-02	2.50E-02
18.539	4.52E-03	2.00E-02	2.45E-02
17.107	4.14E-03	2.00E-02	2.41E-02

16.056	3.86E-03	2.00E-02	2.39E-02
15.338	3.66E-03	2.00E-02	2.37E-02
14.964	3.56E-03	2.00E-02	2.36E-02
14.948	3.56E-03	2.00E-02	2.36E-02
15.462	3.70E-03	2.00E-02	2.37E-02
13.186	3.09E-03	2.00E-02	2.31E-02
12.748	2.97E-03	2.00E-02	2.30E-02
12.303	2.85E-03	2.00E-02	2.28E-02
13.340	3.13E-03	2.00E-02	2.31E-02
11.826	2.72E-03	2.00E-02	2.27E-02
10.710	2.42E-03	2.00E-02	2.24E-02
9.833	2.19E-03	2.00E-02	2.22E-02
9.104	1.99E-03	2.00E-02	2.20E-02
8.503	1.83E-03	2.00E-02	2.18E-02
7.994	1.69E-03	2.00E-02	2.17E-02
7.550	1.57E-03	2.00E-02	2.16E-02
7.156	1.47E-03	2.00E-02	2.15E-02
6.799	1.37E-03	2.00E-02	2.14E-02
6.476	1.28E-03	2.00E-02	2.13E-02
6.184	1.20E-03	2.00E-02	2.12E-02
5.920	1.13E-03	2.00E-02	2.11E-02
5.681	1.07E-03	2.00E-02	2.11E-02
5.462	1.01E-03	2.00E-02	2.10E-02
5.262	9.57E-04	2.00E-02	2.10E-02
5.078	9.08E-04	2.00E-02	2.09E-02
4.912	8.63E-04	2.00E-02	2.09E-02
4.758	8.22E-04	2.00E-02	2.08E-02
4.618	7.84E-04	2.00E-02	2.08E-02
4.487	7.49E-04	2.00E-02	2.07E-02
5.065	9.04E-04	2.00E-02	2.09E-02
5.606	1.05E-03	2.00E-02	2.10E-02
6.346	1.25E-03	2.00E-02	2.12E-02
7.432	1.54E-03	2.00E-02	2.15E-02
8.314	1.78E-03	2.00E-02	2.18E-02
8.735	1.89E-03	2.00E-02	2.19E-02
9.898	2.20E-03	2.00E-02	2.22E-02
12.582	2.92E-03	2.00E-02	2.29E-02
10.029	2.24E-03	2.00E-02	2.22E-02
9.878	2.20E-03	2.00E-02	2.22E-02
10.065	2.25E-03	2.00E-02	2.22E-02
11.739	2.70E-03	2.00E-02	2.27E-02
10.559	2.38E-03	2.00E-02	2.24E-02
9.916	2.21E-03	2.00E-02	2.22E-02
9.592	2.12E-03	2.00E-02	2.21E-02
9.487	2.09E-03	2.00E-02	2.21E-02
9.548	2.11E-03	2.00E-02	2.21E-02
9.764	2.17E-03	2.00E-02	2.22E-02
10.126	2.26E-03	2.00E-02	2.23E-02
10.629	2.40E-03	2.00E-02	2.24E-02
11.298	2.58E-03	2.00E-02	2.26E-02
12.162	2.81E-03	2.00E-02	2.28E-02
13.263	3.11E-03	2.00E-02	2.31E-02
14.669	3.49E-03	2.00E-02	2.35E-02
16.475	3.97E-03	2.00E-02	2.40E-02
18.800	4.60E-03	2.00E-02	2.46E-02

21.838	5.41E-03	2.00E-02	2.54E-02
25.808	6.48E-03	2.00E-02	2.65E-02
31.253	7.94E-03	2.00E-02	2.79E-02
38.534	9.90E-03	2.00E-02	2.99E-02
47.928	1.24E-02	2.00E-02	3.24E-02
58.209	1.52E-02	2.00E-02	3.52E-02
63.134	1.65E-02	2.00E-02	3.65E-02
54.289	1.41E-02	2.00E-02	3.41E-02
41.505	1.07E-02	2.00E-02	3.07E-02
34.053	8.69E-03	2.00E-02	2.87E-02
27.337	6.89E-03	2.00E-02	2.69E-02
24.722	6.19E-03	2.00E-02	2.62E-02
22.140	5.49E-03	2.00E-02	2.55E-02
19.928	4.90E-03	2.00E-02	2.49E-02
18.052	4.39E-03	2.00E-02	2.44E-02
16.533	3.99E-03	2.00E-02	2.40E-02
15.371	3.67E-03	2.00E-02	2.37E-02
14.426	3.42E-03	2.00E-02	2.34E-02
13.703	3.23E-03	2.00E-02	2.32E-02
13.203	3.09E-03	2.00E-02	2.31E-02
12.931	3.02E-03	2.00E-02	2.30E-02
12.866	3.00E-03	2.00E-02	2.30E-02
13.073	3.06E-03	2.00E-02	2.31E-02
13.699	3.22E-03	2.00E-02	2.32E-02
11.859	2.73E-03	2.00E-02	2.27E-02
10.714	2.42E-03	2.00E-02	2.24E-02
11.187	2.55E-03	2.00E-02	2.25E-02
12.676	2.95E-03	2.00E-02	2.29E-02
11.162	2.54E-03	2.00E-02	2.25E-02
10.023	2.24E-03	2.00E-02	2.22E-02
9.168	2.01E-03	2.00E-02	2.20E-02
8.493	1.83E-03	2.00E-02	2.18E-02
7.934	1.68E-03	2.00E-02	2.17E-02
7.451	1.55E-03	2.00E-02	2.15E-02
7.023	1.43E-03	2.00E-02	2.14E-02
6.648	1.33E-03	2.00E-02	2.13E-02
6.315	1.24E-03	2.00E-02	2.12E-02
6.020	1.16E-03	2.00E-02	2.12E-02
5.756	1.09E-03	2.00E-02	2.11E-02
5.522	1.03E-03	2.00E-02	2.10E-02
5.310	9.70E-04	2.00E-02	2.10E-02
5.116	9.18E-04	2.00E-02	2.09E-02
4.939	8.70E-04	2.00E-02	2.09E-02
4.777	8.27E-04	2.00E-02	2.08E-02
4.630	7.87E-04	2.00E-02	2.08E-02
4.496	7.51E-04	2.00E-02	2.08E-02
4.370	7.18E-04	2.00E-02	2.07E-02
5.490	1.02E-03	2.00E-02	2.10E-02
6.204	1.21E-03	2.00E-02	2.12E-02
7.234	1.49E-03	2.00E-02	2.15E-02
8.962	1.95E-03	2.00E-02	2.20E-02
8.519	1.83E-03	2.00E-02	2.18E-02
9.455	2.08E-03	2.00E-02	2.21E-02
11.907	2.74E-03	2.00E-02	2.27E-02
10.964	2.49E-03	2.00E-02	2.25E-02

11.143	2.54E-03	2.00E-02	2.25E-02
10.731	2.43E-03	2.00E-02	2.24E-02
9.817	2.18E-03	2.00E-02	2.22E-02
9.834	2.19E-03	2.00E-02	2.22E-02
12.340	2.86E-03	2.00E-02	2.29E-02
11.150	2.54E-03	2.00E-02	2.25E-02
10.555	2.38E-03	2.00E-02	2.24E-02
10.285	2.31E-03	2.00E-02	2.23E-02
10.252	2.30E-03	2.00E-02	2.23E-02
10.416	2.34E-03	2.00E-02	2.23E-02
10.752	2.43E-03	2.00E-02	2.24E-02
11.254	2.57E-03	2.00E-02	2.26E-02
11.927	2.75E-03	2.00E-02	2.27E-02
12.801	2.98E-03	2.00E-02	2.30E-02
13.923	3.28E-03	2.00E-02	2.33E-02
15.340	3.67E-03	2.00E-02	2.37E-02
17.128	4.15E-03	2.00E-02	2.41E-02
19.383	4.75E-03	2.00E-02	2.48E-02
22.195	5.51E-03	2.00E-02	2.55E-02
25.839	6.49E-03	2.00E-02	2.65E-02
30.399	7.71E-03	2.00E-02	2.77E-02
35.891	9.19E-03	2.00E-02	2.92E-02
41.818	1.08E-02	2.00E-02	3.08E-02
46.505	1.20E-02	2.00E-02	3.20E-02
47.005	1.22E-02	2.00E-02	3.22E-02
42.401	1.09E-02	2.00E-02	3.09E-02
36.372	9.32E-03	2.00E-02	2.93E-02
31.347	7.97E-03	2.00E-02	2.80E-02
27.623	6.97E-03	2.00E-02	2.70E-02
21.891	5.43E-03	2.00E-02	2.54E-02
20.145	4.96E-03	2.00E-02	2.50E-02
18.544	4.53E-03	2.00E-02	2.45E-02
17.072	4.13E-03	2.00E-02	2.41E-02
15.769	3.78E-03	2.00E-02	2.38E-02
14.649	3.48E-03	2.00E-02	2.35E-02
13.709	3.23E-03	2.00E-02	2.32E-02
12.947	3.02E-03	2.00E-02	2.30E-02
12.320	2.85E-03	2.00E-02	2.29E-02
11.838	2.72E-03	2.00E-02	2.27E-02
11.517	2.64E-03	2.00E-02	2.26E-02
11.342	2.59E-03	2.00E-02	2.26E-02
11.290	2.58E-03	2.00E-02	2.26E-02
11.401	2.61E-03	2.00E-02	2.26E-02
11.750	2.70E-03	2.00E-02	2.27E-02
12.491	2.90E-03	2.00E-02	2.29E-02
10.909	2.47E-03	2.00E-02	2.25E-02
10.863	2.46E-03	2.00E-02	2.25E-02
10.736	2.43E-03	2.00E-02	2.24E-02
12.246	2.83E-03	2.00E-02	2.28E-02
10.591	2.39E-03	2.00E-02	2.24E-02
9.462	2.09E-03	2.00E-02	2.21E-02
8.612	1.86E-03	2.00E-02	2.19E-02
7.928	1.67E-03	2.00E-02	2.17E-02
7.364	1.52E-03	2.00E-02	2.15E-02
6.889	1.39E-03	2.00E-02	2.14E-02

6.490	1.29E-03	2.00E-02	2.13E-02
6.149	1.20E-03	2.00E-02	2.12E-02
5.851	1.12E-03	2.00E-02	2.11E-02
5.590	1.05E-03	2.00E-02	2.10E-02
5.361	9.84E-04	2.00E-02	2.10E-02
5.156	9.29E-04	2.00E-02	2.09E-02
4.971	8.79E-04	2.00E-02	2.09E-02
4.802	8.33E-04	2.00E-02	2.08E-02
4.647	7.92E-04	2.00E-02	2.08E-02
4.504	7.53E-04	2.00E-02	2.08E-02
4.375	7.19E-04	2.00E-02	2.07E-02
6.973	1.42E-03	2.00E-02	2.14E-02
8.546	1.84E-03	2.00E-02	2.18E-02
8.244	1.76E-03	2.00E-02	2.18E-02
9.159	2.00E-03	2.00E-02	2.20E-02
10.429	2.35E-03	2.00E-02	2.23E-02
10.356	2.33E-03	2.00E-02	2.23E-02
9.886	2.20E-03	2.00E-02	2.22E-02
9.996	2.23E-03	2.00E-02	2.22E-02
10.642	2.40E-03	2.00E-02	2.24E-02
11.997	2.77E-03	2.00E-02	2.28E-02
10.022	2.24E-03	2.00E-02	2.22E-02
9.221	2.02E-03	2.00E-02	2.20E-02
11.600	2.66E-03	2.00E-02	2.27E-02
11.839	2.72E-03	2.00E-02	2.27E-02
11.241	2.56E-03	2.00E-02	2.26E-02
11.038	2.51E-03	2.00E-02	2.25E-02
11.101	2.53E-03	2.00E-02	2.25E-02
11.367	2.60E-03	2.00E-02	2.26E-02
11.821	2.72E-03	2.00E-02	2.27E-02
12.463	2.89E-03	2.00E-02	2.29E-02
13.303	3.12E-03	2.00E-02	2.31E-02
14.372	3.41E-03	2.00E-02	2.34E-02
15.715	3.77E-03	2.00E-02	2.38E-02
17.376	4.21E-03	2.00E-02	2.42E-02
19.392	4.75E-03	2.00E-02	2.48E-02
21.854	5.42E-03	2.00E-02	2.54E-02
24.826	6.21E-03	2.00E-02	2.62E-02
28.217	7.13E-03	2.00E-02	2.71E-02
31.851	8.10E-03	2.00E-02	2.81E-02
35.080	8.97E-03	2.00E-02	2.90E-02
36.924	9.47E-03	2.00E-02	2.95E-02
36.376	9.32E-03	2.00E-02	2.93E-02
33.759	8.61E-03	2.00E-02	2.86E-02
30.427	7.72E-03	2.00E-02	2.77E-02
27.074	6.82E-03	2.00E-02	2.68E-02
23.983	5.99E-03	2.00E-02	2.60E-02
20.965	5.18E-03	2.00E-02	2.52E-02
18.326	4.47E-03	2.00E-02	2.45E-02
16.463	3.97E-03	2.00E-02	2.40E-02
15.101	3.60E-03	2.00E-02	2.36E-02
14.011	3.31E-03	2.00E-02	2.33E-02
13.103	3.06E-03	2.00E-02	2.31E-02
12.344	2.86E-03	2.00E-02	2.29E-02
11.706	2.69E-03	2.00E-02	2.27E-02

11.169	2.54E-03	2.00E-02	2.25E-02
10.751	2.43E-03	2.00E-02	2.24E-02
10.436	2.35E-03	2.00E-02	2.23E-02
10.227	2.29E-03	2.00E-02	2.23E-02
10.119	2.26E-03	2.00E-02	2.23E-02
10.101	2.26E-03	2.00E-02	2.23E-02
10.192	2.28E-03	2.00E-02	2.23E-02
10.443	2.35E-03	2.00E-02	2.23E-02
10.911	2.48E-03	2.00E-02	2.25E-02
11.707	2.69E-03	2.00E-02	2.27E-02
11.519	2.64E-03	2.00E-02	2.26E-02
9.531	2.10E-03	2.00E-02	2.21E-02
10.059	2.25E-03	2.00E-02	2.22E-02
11.862	2.73E-03	2.00E-02	2.27E-02
10.011	2.23E-03	2.00E-02	2.22E-02
8.772	1.90E-03	2.00E-02	2.19E-02
7.888	1.66E-03	2.00E-02	2.17E-02
7.234	1.49E-03	2.00E-02	2.15E-02
6.723	1.35E-03	2.00E-02	2.13E-02
6.311	1.24E-03	2.00E-02	2.12E-02
5.967	1.15E-03	2.00E-02	2.11E-02
5.674	1.07E-03	2.00E-02	2.11E-02
5.421	1.00E-03	2.00E-02	2.10E-02
5.198	9.40E-04	2.00E-02	2.09E-02
5.000	8.87E-04	2.00E-02	2.09E-02
4.824	8.39E-04	2.00E-02	2.08E-02
4.665	7.97E-04	2.00E-02	2.08E-02
4.519	7.57E-04	2.00E-02	2.08E-02
4.383	7.21E-04	2.00E-02	2.07E-02
4.259	6.88E-04	2.00E-02	2.07E-02
8.098	1.72E-03	2.00E-02	2.17E-02
7.799	1.64E-03	2.00E-02	2.16E-02
7.664	1.60E-03	2.00E-02	2.16E-02
10.540	2.38E-03	2.00E-02	2.24E-02
10.100	2.26E-03	2.00E-02	2.23E-02
9.315	2.05E-03	2.00E-02	2.20E-02
9.045	1.97E-03	2.00E-02	2.20E-02
9.162	2.01E-03	2.00E-02	2.20E-02
9.623	2.13E-03	2.00E-02	2.21E-02
10.462	2.35E-03	2.00E-02	2.24E-02
11.829	2.72E-03	2.00E-02	2.27E-02
10.132	2.27E-03	2.00E-02	2.23E-02
10.531	2.37E-03	2.00E-02	2.24E-02
11.938	2.75E-03	2.00E-02	2.28E-02
12.571	2.92E-03	2.00E-02	2.29E-02
12.012	2.77E-03	2.00E-02	2.28E-02
11.868	2.73E-03	2.00E-02	2.27E-02
12.003	2.77E-03	2.00E-02	2.28E-02
12.356	2.86E-03	2.00E-02	2.29E-02
12.904	3.01E-03	2.00E-02	2.30E-02
13.659	3.21E-03	2.00E-02	2.32E-02
14.625	3.47E-03	2.00E-02	2.35E-02
15.824	3.80E-03	2.00E-02	2.38E-02
17.271	4.18E-03	2.00E-02	2.42E-02
18.959	4.64E-03	2.00E-02	2.46E-02

20.982	5.18E-03	2.00E-02	2.52E-02
23.209	5.78E-03	2.00E-02	2.58E-02
25.546	6.41E-03	2.00E-02	2.64E-02
27.729	6.99E-03	2.00E-02	2.70E-02
29.334	7.43E-03	2.00E-02	2.74E-02
29.894	7.58E-03	2.00E-02	2.76E-02
29.141	7.37E-03	2.00E-02	2.74E-02
27.454	6.92E-03	2.00E-02	2.69E-02
25.328	6.35E-03	2.00E-02	2.63E-02
22.917	5.70E-03	2.00E-02	2.57E-02
20.393	5.02E-03	2.00E-02	2.50E-02
17.926	4.36E-03	2.00E-02	2.44E-02
15.834	3.80E-03	2.00E-02	2.38E-02
14.244	3.37E-03	2.00E-02	2.34E-02
13.051	3.05E-03	2.00E-02	2.31E-02
12.132	2.80E-03	2.00E-02	2.28E-02
11.401	2.61E-03	2.00E-02	2.26E-02
10.812	2.45E-03	2.00E-02	2.24E-02
10.330	2.32E-03	2.00E-02	2.23E-02
9.929	2.21E-03	2.00E-02	2.22E-02
9.626	2.13E-03	2.00E-02	2.21E-02
9.409	2.07E-03	2.00E-02	2.21E-02
9.272	2.03E-03	2.00E-02	2.20E-02
9.213	2.02E-03	2.00E-02	2.20E-02
9.231	2.02E-03	2.00E-02	2.20E-02
9.344	2.05E-03	2.00E-02	2.21E-02
9.579	2.12E-03	2.00E-02	2.21E-02
9.966	2.22E-03	2.00E-02	2.22E-02
10.585	2.39E-03	2.00E-02	2.24E-02
11.520	2.64E-03	2.00E-02	2.26E-02
11.814	2.72E-03	2.00E-02	2.27E-02
9.400	2.07E-03	2.00E-02	2.21E-02
10.883	2.47E-03	2.00E-02	2.25E-02
10.293	2.31E-03	2.00E-02	2.23E-02
8.674	1.87E-03	2.00E-02	2.19E-02
7.695	1.61E-03	2.00E-02	2.16E-02
7.017	1.43E-03	2.00E-02	2.14E-02
6.506	1.29E-03	2.00E-02	2.13E-02
6.102	1.18E-03	2.00E-02	2.12E-02
5.768	1.09E-03	2.00E-02	2.11E-02
5.488	1.02E-03	2.00E-02	2.10E-02
5.247	9.53E-04	2.00E-02	2.10E-02
5.036	8.96E-04	2.00E-02	2.09E-02
4.847	8.46E-04	2.00E-02	2.08E-02
4.679	8.01E-04	2.00E-02	2.08E-02
4.529	7.60E-04	2.00E-02	2.08E-02
4.391	7.23E-04	2.00E-02	2.07E-02
4.265	6.89E-04	2.00E-02	2.07E-02
4.148	6.58E-04	2.00E-02	2.07E-02
8.527	1.83E-03	2.00E-02	2.18E-02
8.418	1.81E-03	2.00E-02	2.18E-02
10.114	2.26E-03	2.00E-02	2.23E-02
9.955	2.22E-03	2.00E-02	2.22E-02
8.974	1.95E-03	2.00E-02	2.20E-02
8.511	1.83E-03	2.00E-02	2.18E-02



8.387	1.80E-03	2.00E-02	2.18E-02
8.532	1.84E-03	2.00E-02	2.18E-02
8.909	1.94E-03	2.00E-02	2.19E-02
9.522	2.10E-03	2.00E-02	2.21E-02
10.439	2.35E-03	2.00E-02	2.23E-02
11.827	2.72E-03	2.00E-02	2.27E-02
10.586	2.39E-03	2.00E-02	2.24E-02
10.026	2.24E-03	2.00E-02	2.22E-02
11.207	2.55E-03	2.00E-02	2.26E-02
13.368	3.14E-03	2.00E-02	2.31E-02
12.822	2.99E-03	2.00E-02	2.30E-02
12.708	2.96E-03	2.00E-02	2.30E-02
12.887	3.01E-03	2.00E-02	2.30E-02
13.291	3.11E-03	2.00E-02	2.31E-02
13.902	3.28E-03	2.00E-02	2.33E-02
14.718	3.50E-03	2.00E-02	2.35E-02
15.725	3.77E-03	2.00E-02	2.38E-02
16.889	4.08E-03	2.00E-02	2.41E-02
18.273	4.45E-03	2.00E-02	2.45E-02
19.778	4.86E-03	2.00E-02	2.49E-02
21.357	5.28E-03	2.00E-02	2.53E-02
22.857	5.69E-03	2.00E-02	2.57E-02
24.079	6.01E-03	2.00E-02	2.60E-02
24.787	6.20E-03	2.00E-02	2.62E-02
24.785	6.20E-03	2.00E-02	2.62E-02
24.047	6.01E-03	2.00E-02	2.60E-02
22.830	5.68E-03	2.00E-02	2.57E-02
21.300	5.27E-03	2.00E-02	2.53E-02
19.500	4.78E-03	2.00E-02	2.48E-02
17.521	4.25E-03	2.00E-02	2.43E-02
15.571	3.73E-03	2.00E-02	2.37E-02
13.923	3.28E-03	2.00E-02	2.33E-02
12.627	2.94E-03	2.00E-02	2.29E-02
11.629	2.67E-03	2.00E-02	2.27E-02
10.850	2.46E-03	2.00E-02	2.25E-02
10.239	2.29E-03	2.00E-02	2.23E-02
9.756	2.16E-03	2.00E-02	2.22E-02
9.368	2.06E-03	2.00E-02	2.21E-02
9.052	1.98E-03	2.00E-02	2.20E-02
8.821	1.91E-03	2.00E-02	2.19E-02
8.668	1.87E-03	2.00E-02	2.19E-02
8.585	1.85E-03	2.00E-02	2.19E-02
8.574	1.85E-03	2.00E-02	2.18E-02
8.636	1.86E-03	2.00E-02	2.19E-02
8.793	1.91E-03	2.00E-02	2.19E-02
9.073	1.98E-03	2.00E-02	2.20E-02
9.513	2.10E-03	2.00E-02	2.21E-02
10.198	2.28E-03	2.00E-02	2.23E-02
11.392	2.60E-03	2.00E-02	2.26E-02
10.514	2.37E-03	2.00E-02	2.24E-02
9.347	2.05E-03	2.00E-02	2.21E-02
10.833	2.45E-03	2.00E-02	2.25E-02
9.590	2.12E-03	2.00E-02	2.21E-02
8.214	1.75E-03	2.00E-02	2.18E-02
7.340	1.52E-03	2.00E-02	2.15E-02

6.723	1.35E-03	2.00E-02	2.13E-02
6.247	1.22E-03	2.00E-02	2.12E-02
5.871	1.12E-03	2.00E-02	2.11E-02
5.562	1.04E-03	2.00E-02	2.10E-02
5.298	9.67E-04	2.00E-02	2.10E-02
5.072	9.06E-04	2.00E-02	2.09E-02
4.874	8.53E-04	2.00E-02	2.09E-02
4.698	8.06E-04	2.00E-02	2.08E-02
4.540	7.63E-04	2.00E-02	2.08E-02
4.397	7.25E-04	2.00E-02	2.07E-02
4.268	6.90E-04	2.00E-02	2.07E-02
4.151	6.58E-04	2.00E-02	2.07E-02
6.721	1.35E-03	2.00E-02	2.13E-02
8.246	1.76E-03	2.00E-02	2.18E-02
9.747	2.16E-03	2.00E-02	2.22E-02
8.661	1.87E-03	2.00E-02	2.19E-02
8.110	1.72E-03	2.00E-02	2.17E-02
7.874	1.66E-03	2.00E-02	2.17E-02
7.872	1.66E-03	2.00E-02	2.17E-02
8.044	1.70E-03	2.00E-02	2.17E-02
8.378	1.79E-03	2.00E-02	2.18E-02
8.891	1.93E-03	2.00E-02	2.19E-02
9.590	2.12E-03	2.00E-02	2.21E-02
10.553	2.38E-03	2.00E-02	2.24E-02
11.933	2.75E-03	2.00E-02	2.27E-02
10.770	2.44E-03	2.00E-02	2.24E-02
11.428	2.61E-03	2.00E-02	2.26E-02
12.139	2.81E-03	2.00E-02	2.28E-02
14.180	3.35E-03	2.00E-02	2.34E-02
13.602	3.20E-03	2.00E-02	2.32E-02
13.492	3.17E-03	2.00E-02	2.32E-02
13.679	3.22E-03	2.00E-02	2.32E-02
14.094	3.33E-03	2.00E-02	2.33E-02
14.700	3.49E-03	2.00E-02	2.35E-02
15.475	3.70E-03	2.00E-02	2.37E-02
16.393	3.95E-03	2.00E-02	2.39E-02
17.411	4.22E-03	2.00E-02	2.42E-02
18.483	4.51E-03	2.00E-02	2.45E-02
19.526	4.79E-03	2.00E-02	2.48E-02
20.417	5.03E-03	2.00E-02	2.50E-02
21.049	5.20E-03	2.00E-02	2.52E-02
21.265	5.26E-03	2.00E-02	2.53E-02
21.001	5.19E-03	2.00E-02	2.52E-02
20.332	5.01E-03	2.00E-02	2.50E-02
19.386	4.75E-03	2.00E-02	2.48E-02
18.212	4.44E-03	2.00E-02	2.44E-02
16.826	4.06E-03	2.00E-02	2.41E-02
15.292	3.65E-03	2.00E-02	2.37E-02
13.786	3.25E-03	2.00E-02	2.32E-02
12.470	2.89E-03	2.00E-02	2.29E-02
11.406	2.61E-03	2.00E-02	2.26E-02
10.569	2.38E-03	2.00E-02	2.24E-02
9.912	2.21E-03	2.00E-02	2.22E-02
9.381	2.06E-03	2.00E-02	2.21E-02
8.986	1.96E-03	2.00E-02	2.20E-02

8.671	1.87E-03	2.00E-02	2.19E-02
8.428	1.81E-03	2.00E-02	2.18E-02
8.249	1.76E-03	2.00E-02	2.18E-02
8.143	1.73E-03	2.00E-02	2.17E-02
8.111	1.72E-03	2.00E-02	2.17E-02
8.147	1.73E-03	2.00E-02	2.17E-02
8.267	1.76E-03	2.00E-02	2.18E-02
8.500	1.83E-03	2.00E-02	2.18E-02
8.888	1.93E-03	2.00E-02	2.19E-02
9.510	2.10E-03	2.00E-02	2.21E-02
10.602	2.39E-03	2.00E-02	2.24E-02
10.085	2.25E-03	2.00E-02	2.23E-02
10.414	2.34E-03	2.00E-02	2.23E-02
11.263	2.57E-03	2.00E-02	2.26E-02
10.327	2.32E-03	2.00E-02	2.23E-02
8.705	1.88E-03	2.00E-02	2.19E-02
7.660	1.60E-03	2.00E-02	2.16E-02
6.938	1.41E-03	2.00E-02	2.14E-02
6.402	1.26E-03	2.00E-02	2.13E-02
5.979	1.15E-03	2.00E-02	2.11E-02
5.637	1.06E-03	2.00E-02	2.11E-02
5.353	9.82E-04	2.00E-02	2.10E-02
5.110	9.16E-04	2.00E-02	2.09E-02
4.900	8.60E-04	2.00E-02	2.09E-02
4.717	8.11E-04	2.00E-02	2.08E-02
4.553	7.67E-04	2.00E-02	2.08E-02
4.406	7.27E-04	2.00E-02	2.07E-02
4.272	6.91E-04	2.00E-02	2.07E-02
4.150	6.58E-04	2.00E-02	2.07E-02
4.039	6.29E-04	2.00E-02	2.06E-02
9.328	2.05E-03	2.00E-02	2.20E-02
8.236	1.76E-03	2.00E-02	2.18E-02
7.698	1.61E-03	2.00E-02	2.16E-02
7.431	1.54E-03	2.00E-02	2.15E-02
7.372	1.52E-03	2.00E-02	2.15E-02
7.456	1.55E-03	2.00E-02	2.15E-02
7.660	1.60E-03	2.00E-02	2.16E-02
7.988	1.69E-03	2.00E-02	2.17E-02
8.427	1.81E-03	2.00E-02	2.18E-02
8.990	1.96E-03	2.00E-02	2.20E-02
9.731	2.16E-03	2.00E-02	2.22E-02
10.707	2.42E-03	2.00E-02	2.24E-02
12.057	2.78E-03	2.00E-02	2.28E-02
12.321	2.85E-03	2.00E-02	2.29E-02
11.870	2.73E-03	2.00E-02	2.27E-02
12.275	2.84E-03	2.00E-02	2.28E-02
14.952	3.56E-03	2.00E-02	2.36E-02
14.311	3.39E-03	2.00E-02	2.34E-02
14.154	3.35E-03	2.00E-02	2.33E-02
14.295	3.38E-03	2.00E-02	2.34E-02
14.656	3.48E-03	2.00E-02	2.35E-02
15.183	3.62E-03	2.00E-02	2.36E-02
15.837	3.80E-03	2.00E-02	2.38E-02
16.523	3.98E-03	2.00E-02	2.40E-02
17.225	4.17E-03	2.00E-02	2.42E-02

17.854	4.34E-03	2.00E-02	2.43E-02
18.344	4.47E-03	2.00E-02	2.45E-02
18.589	4.54E-03	2.00E-02	2.45E-02
18.519	4.52E-03	2.00E-02	2.45E-02
18.159	4.42E-03	2.00E-02	2.44E-02
17.563	4.26E-03	2.00E-02	2.43E-02
16.788	4.05E-03	2.00E-02	2.41E-02
15.868	3.81E-03	2.00E-02	2.38E-02
14.771	3.51E-03	2.00E-02	2.35E-02
13.583	3.19E-03	2.00E-02	2.32E-02
12.408	2.88E-03	2.00E-02	2.29E-02
11.352	2.59E-03	2.00E-02	2.26E-02
10.461	2.35E-03	2.00E-02	2.24E-02
9.747	2.16E-03	2.00E-02	2.22E-02
9.189	2.01E-03	2.00E-02	2.20E-02
8.747	1.89E-03	2.00E-02	2.19E-02
8.408	1.80E-03	2.00E-02	2.18E-02
8.151	1.73E-03	2.00E-02	2.17E-02
7.964	1.68E-03	2.00E-02	2.17E-02
7.837	1.65E-03	2.00E-02	2.16E-02
7.781	1.63E-03	2.00E-02	2.16E-02
7.800	1.64E-03	2.00E-02	2.16E-02
7.897	1.67E-03	2.00E-02	2.17E-02
8.105	1.72E-03	2.00E-02	2.17E-02
8.462	1.82E-03	2.00E-02	2.18E-02
9.046	1.97E-03	2.00E-02	2.20E-02
10.072	2.25E-03	2.00E-02	2.22E-02
9.517	2.10E-03	2.00E-02	2.21E-02
9.034	1.97E-03	2.00E-02	2.20E-02
11.633	2.67E-03	2.00E-02	2.27E-02
10.709	2.42E-03	2.00E-02	2.24E-02
9.067	1.98E-03	2.00E-02	2.20E-02
7.941	1.68E-03	2.00E-02	2.17E-02
7.137	1.46E-03	2.00E-02	2.15E-02
6.546	1.30E-03	2.00E-02	2.13E-02
6.088	1.18E-03	2.00E-02	2.12E-02
5.718	1.08E-03	2.00E-02	2.11E-02
5.410	9.97E-04	2.00E-02	2.10E-02
5.151	9.27E-04	2.00E-02	2.09E-02
4.930	8.68E-04	2.00E-02	2.09E-02
4.737	8.16E-04	2.00E-02	2.08E-02
4.566	7.70E-04	2.00E-02	2.08E-02
4.414	7.29E-04	2.00E-02	2.07E-02
4.278	6.93E-04	2.00E-02	2.07E-02
4.153	6.59E-04	2.00E-02	2.07E-02
4.039	6.28E-04	2.00E-02	2.06E-02
3.934	6.00E-04	2.00E-02	2.06E-02
7.571	1.58E-03	2.00E-02	2.16E-02
7.183	1.47E-03	2.00E-02	2.15E-02
6.982	1.42E-03	2.00E-02	2.14E-02
6.926	1.40E-03	2.00E-02	2.14E-02
6.981	1.42E-03	2.00E-02	2.14E-02
7.124	1.46E-03	2.00E-02	2.15E-02
7.354	1.52E-03	2.00E-02	2.15E-02
7.673	1.61E-03	2.00E-02	2.16E-02

8.061	1.71E-03	2.00E-02	2.17E-02
8.542	1.84E-03	2.00E-02	2.18E-02
9.153	2.00E-03	2.00E-02	2.20E-02
9.916	2.21E-03	2.00E-02	2.22E-02
10.904	2.47E-03	2.00E-02	2.25E-02
12.221	2.83E-03	2.00E-02	2.28E-02
11.429	2.61E-03	2.00E-02	2.26E-02
12.283	2.84E-03	2.00E-02	2.28E-02
13.218	3.10E-03	2.00E-02	2.31E-02
15.642	3.75E-03	2.00E-02	2.37E-02
14.846	3.53E-03	2.00E-02	2.35E-02
14.626	3.47E-03	2.00E-02	2.35E-02
14.679	3.49E-03	2.00E-02	2.35E-02
14.957	3.56E-03	2.00E-02	2.36E-02
15.299	3.65E-03	2.00E-02	2.37E-02
15.698	3.76E-03	2.00E-02	2.38E-02
16.088	3.87E-03	2.00E-02	2.39E-02
16.417	3.95E-03	2.00E-02	2.40E-02
16.615	4.01E-03	2.00E-02	2.40E-02
16.610	4.01E-03	2.00E-02	2.40E-02
16.390	3.95E-03	2.00E-02	2.39E-02
15.999	3.84E-03	2.00E-02	2.38E-02
15.464	3.70E-03	2.00E-02	2.37E-02
14.820	3.53E-03	2.00E-02	2.35E-02
14.052	3.32E-03	2.00E-02	2.33E-02
13.185	3.09E-03	2.00E-02	2.31E-02
12.255	2.84E-03	2.00E-02	2.28E-02
11.329	2.59E-03	2.00E-02	2.26E-02
10.467	2.36E-03	2.00E-02	2.24E-02
9.723	2.16E-03	2.00E-02	2.22E-02
9.112	1.99E-03	2.00E-02	2.20E-02
8.631	1.86E-03	2.00E-02	2.19E-02
8.257	1.76E-03	2.00E-02	2.18E-02
7.966	1.68E-03	2.00E-02	2.17E-02
7.762	1.63E-03	2.00E-02	2.16E-02
7.621	1.59E-03	2.00E-02	2.16E-02
7.548	1.57E-03	2.00E-02	2.16E-02
7.551	1.57E-03	2.00E-02	2.16E-02
7.633	1.59E-03	2.00E-02	2.16E-02
7.816	1.64E-03	2.00E-02	2.16E-02
8.145	1.73E-03	2.00E-02	2.17E-02
8.697	1.88E-03	2.00E-02	2.19E-02
9.668	2.14E-03	2.00E-02	2.21E-02
10.255	2.30E-03	2.00E-02	2.23E-02
9.958	2.22E-03	2.00E-02	2.22E-02
10.094	2.26E-03	2.00E-02	2.23E-02
10.918	2.48E-03	2.00E-02	2.25E-02
9.270	2.03E-03	2.00E-02	2.20E-02
8.148	1.73E-03	2.00E-02	2.17E-02
7.310	1.51E-03	2.00E-02	2.15E-02
6.673	1.34E-03	2.00E-02	2.13E-02
6.180	1.20E-03	2.00E-02	2.12E-02
5.789	1.10E-03	2.00E-02	2.11E-02
5.469	1.01E-03	2.00E-02	2.10E-02
5.196	9.39E-04	2.00E-02	2.09E-02

4.961	8.76E-04	2.00E-02	2.09E-02
4.759	8.22E-04	2.00E-02	2.08E-02
4.582	7.74E-04	2.00E-02	2.08E-02
4.424	7.32E-04	2.00E-02	2.07E-02
4.283	6.94E-04	2.00E-02	2.07E-02
4.156	6.60E-04	2.00E-02	2.07E-02
4.039	6.29E-04	2.00E-02	2.06E-02
3.932	6.00E-04	2.00E-02	2.06E-02
6.577	1.31E-03	2.00E-02	2.13E-02
6.504	1.29E-03	2.00E-02	2.13E-02
6.498	1.29E-03	2.00E-02	2.13E-02
6.561	1.31E-03	2.00E-02	2.13E-02
6.685	1.34E-03	2.00E-02	2.13E-02
6.864	1.39E-03	2.00E-02	2.14E-02
7.105	1.45E-03	2.00E-02	2.15E-02
7.402	1.53E-03	2.00E-02	2.15E-02
7.759	1.63E-03	2.00E-02	2.16E-02
8.193	1.74E-03	2.00E-02	2.17E-02
8.713	1.88E-03	2.00E-02	2.19E-02
9.339	2.05E-03	2.00E-02	2.21E-02
10.124	2.26E-03	2.00E-02	2.23E-02
11.088	2.52E-03	2.00E-02	2.25E-02
12.358	2.86E-03	2.00E-02	2.29E-02
12.732	2.96E-03	2.00E-02	2.30E-02
12.487	2.90E-03	2.00E-02	2.29E-02
13.024	3.04E-03	2.00E-02	2.30E-02
14.505	3.44E-03	2.00E-02	2.34E-02
15.263	3.64E-03	2.00E-02	2.36E-02
14.917	3.55E-03	2.00E-02	2.36E-02
14.813	3.52E-03	2.00E-02	2.35E-02
14.863	3.54E-03	2.00E-02	2.35E-02
14.990	3.57E-03	2.00E-02	2.36E-02
15.125	3.61E-03	2.00E-02	2.36E-02
15.215	3.63E-03	2.00E-02	2.36E-02
15.199	3.63E-03	2.00E-02	2.36E-02
15.041	3.58E-03	2.00E-02	2.36E-02
14.750	3.51E-03	2.00E-02	2.35E-02
14.349	3.40E-03	2.00E-02	2.34E-02
13.860	3.27E-03	2.00E-02	2.33E-02
13.294	3.12E-03	2.00E-02	2.31E-02
12.655	2.94E-03	2.00E-02	2.29E-02
11.954	2.76E-03	2.00E-02	2.28E-02
11.212	2.56E-03	2.00E-02	2.26E-02
10.468	2.36E-03	2.00E-02	2.24E-02
9.764	2.17E-03	2.00E-02	2.22E-02
9.142	2.00E-03	2.00E-02	2.20E-02
8.621	1.86E-03	2.00E-02	2.19E-02
8.204	1.75E-03	2.00E-02	2.17E-02
7.877	1.66E-03	2.00E-02	2.17E-02
7.629	1.59E-03	2.00E-02	2.16E-02
7.470	1.55E-03	2.00E-02	2.16E-02
7.383	1.53E-03	2.00E-02	2.15E-02
7.365	1.52E-03	2.00E-02	2.15E-02
7.433	1.54E-03	2.00E-02	2.15E-02
7.601	1.59E-03	2.00E-02	2.16E-02

7.905	1.67E-03	2.00E-02	2.17E-02
8.423	1.81E-03	2.00E-02	2.18E-02
9.330	2.05E-03	2.00E-02	2.21E-02
8.935	1.94E-03	2.00E-02	2.19E-02
9.883	2.20E-03	2.00E-02	2.22E-02
9.892	2.20E-03	2.00E-02	2.22E-02
11.093	2.52E-03	2.00E-02	2.25E-02
9.386	2.07E-03	2.00E-02	2.21E-02
8.264	1.76E-03	2.00E-02	2.18E-02
7.436	1.54E-03	2.00E-02	2.15E-02
6.785	1.37E-03	2.00E-02	2.14E-02
6.268	1.23E-03	2.00E-02	2.12E-02
5.855	1.12E-03	2.00E-02	2.11E-02
5.516	1.03E-03	2.00E-02	2.10E-02
5.234	9.50E-04	2.00E-02	2.09E-02
4.994	8.85E-04	2.00E-02	2.09E-02
4.784	8.29E-04	2.00E-02	2.08E-02
4.599	7.79E-04	2.00E-02	2.08E-02
4.436	7.35E-04	2.00E-02	2.07E-02
4.290	6.96E-04	2.00E-02	2.07E-02
4.160	6.61E-04	2.00E-02	2.07E-02
4.041	6.29E-04	2.00E-02	2.06E-02
3.932	6.00E-04	2.00E-02	2.06E-02
3.831	5.73E-04	2.00E-02	2.06E-02
6.087	1.18E-03	2.00E-02	2.12E-02
6.176	1.20E-03	2.00E-02	2.12E-02
6.298	1.24E-03	2.00E-02	2.12E-02
6.457	1.28E-03	2.00E-02	2.13E-02
6.654	1.33E-03	2.00E-02	2.13E-02
6.894	1.40E-03	2.00E-02	2.14E-02
7.178	1.47E-03	2.00E-02	2.15E-02
7.514	1.56E-03	2.00E-02	2.16E-02
7.905	1.67E-03	2.00E-02	2.17E-02
8.360	1.79E-03	2.00E-02	2.18E-02
8.901	1.93E-03	2.00E-02	2.19E-02
9.531	2.10E-03	2.00E-02	2.21E-02
10.274	2.30E-03	2.00E-02	2.23E-02
11.193	2.55E-03	2.00E-02	2.26E-02
12.399	2.88E-03	2.00E-02	2.29E-02
14.105	3.33E-03	2.00E-02	2.33E-02
12.760	2.97E-03	2.00E-02	2.30E-02
12.251	2.84E-03	2.00E-02	2.28E-02
15.030	3.58E-03	2.00E-02	2.36E-02
15.489	3.71E-03	2.00E-02	2.37E-02
14.916	3.55E-03	2.00E-02	2.36E-02
14.617	3.47E-03	2.00E-02	2.35E-02
14.463	3.43E-03	2.00E-02	2.34E-02
14.369	3.40E-03	2.00E-02	2.34E-02
14.256	3.37E-03	2.00E-02	2.34E-02
14.076	3.33E-03	2.00E-02	2.33E-02
13.815	3.26E-03	2.00E-02	2.33E-02
13.476	3.16E-03	2.00E-02	2.32E-02
13.074	3.06E-03	2.00E-02	2.31E-02
12.617	2.93E-03	2.00E-02	2.29E-02
12.114	2.80E-03	2.00E-02	2.28E-02

11.575	2.65E-03	2.00E-02	2.27E-02
10.994	2.50E-03	2.00E-02	2.25E-02
10.389	2.33E-03	2.00E-02	2.23E-02
9.782	2.17E-03	2.00E-02	2.22E-02
9.203	2.02E-03	2.00E-02	2.20E-02
8.681	1.88E-03	2.00E-02	2.19E-02
8.236	1.76E-03	2.00E-02	2.18E-02
7.875	1.66E-03	2.00E-02	2.17E-02
7.592	1.58E-03	2.00E-02	2.16E-02
7.389	1.53E-03	2.00E-02	2.15E-02
7.274	1.50E-03	2.00E-02	2.15E-02
7.240	1.49E-03	2.00E-02	2.15E-02
7.291	1.50E-03	2.00E-02	2.15E-02
7.435	1.54E-03	2.00E-02	2.15E-02
7.717	1.62E-03	2.00E-02	2.16E-02
8.202	1.75E-03	2.00E-02	2.17E-02
9.043	1.97E-03	2.00E-02	2.20E-02
9.614	2.13E-03	2.00E-02	2.21E-02
9.574	2.12E-03	2.00E-02	2.21E-02
9.885	2.20E-03	2.00E-02	2.22E-02
11.278	2.57E-03	2.00E-02	2.26E-02
9.489	2.09E-03	2.00E-02	2.21E-02
8.337	1.78E-03	2.00E-02	2.18E-02
7.515	1.56E-03	2.00E-02	2.16E-02
6.860	1.39E-03	2.00E-02	2.14E-02
6.339	1.25E-03	2.00E-02	2.12E-02
5.914	1.13E-03	2.00E-02	2.11E-02
5.566	1.04E-03	2.00E-02	2.10E-02
5.268	9.59E-04	2.00E-02	2.10E-02
5.018	8.91E-04	2.00E-02	2.09E-02
4.803	8.34E-04	2.00E-02	2.08E-02
4.617	7.84E-04	2.00E-02	2.08E-02
4.449	7.39E-04	2.00E-02	2.07E-02
4.298	6.98E-04	2.00E-02	2.07E-02
4.163	6.62E-04	2.00E-02	2.07E-02
4.043	6.29E-04	2.00E-02	2.06E-02
3.932	6.00E-04	2.00E-02	2.06E-02
3.831	5.73E-04	2.00E-02	2.06E-02
5.818	1.11E-03	2.00E-02	2.11E-02
5.949	1.14E-03	2.00E-02	2.11E-02
6.098	1.18E-03	2.00E-02	2.12E-02
6.275	1.23E-03	2.00E-02	2.12E-02
6.477	1.28E-03	2.00E-02	2.13E-02
6.713	1.35E-03	2.00E-02	2.13E-02
6.985	1.42E-03	2.00E-02	2.14E-02
7.296	1.50E-03	2.00E-02	2.15E-02
7.653	1.60E-03	2.00E-02	2.16E-02
8.061	1.71E-03	2.00E-02	2.17E-02
8.520	1.83E-03	2.00E-02	2.18E-02
9.038	1.97E-03	2.00E-02	2.20E-02
9.639	2.13E-03	2.00E-02	2.21E-02
10.366	2.33E-03	2.00E-02	2.23E-02
11.263	2.57E-03	2.00E-02	2.26E-02
12.403	2.88E-03	2.00E-02	2.29E-02
13.966	3.30E-03	2.00E-02	2.33E-02



12.621	2.93E-03	2.00E-02	2.29E-02
13.190	3.09E-03	2.00E-02	2.31E-02
14.769	3.51E-03	2.00E-02	2.35E-02
15.489	3.71E-03	2.00E-02	2.37E-02
14.677	3.49E-03	2.00E-02	2.35E-02
14.195	3.36E-03	2.00E-02	2.34E-02
13.853	3.27E-03	2.00E-02	2.33E-02
13.543	3.18E-03	2.00E-02	2.32E-02
13.225	3.10E-03	2.00E-02	2.31E-02
12.878	3.00E-03	2.00E-02	2.30E-02
12.500	2.90E-03	2.00E-02	2.29E-02
12.090	2.79E-03	2.00E-02	2.28E-02
11.655	2.68E-03	2.00E-02	2.27E-02
11.205	2.55E-03	2.00E-02	2.26E-02
10.736	2.43E-03	2.00E-02	2.24E-02
10.245	2.30E-03	2.00E-02	2.23E-02
9.739	2.16E-03	2.00E-02	2.22E-02
9.236	2.03E-03	2.00E-02	2.20E-02
8.756	1.90E-03	2.00E-02	2.19E-02
8.318	1.78E-03	2.00E-02	2.18E-02
7.938	1.68E-03	2.00E-02	2.17E-02
7.627	1.59E-03	2.00E-02	2.16E-02
7.391	1.53E-03	2.00E-02	2.15E-02
7.235	1.49E-03	2.00E-02	2.15E-02
7.169	1.47E-03	2.00E-02	2.15E-02
7.192	1.48E-03	2.00E-02	2.15E-02
7.321	1.51E-03	2.00E-02	2.15E-02
7.576	1.58E-03	2.00E-02	2.16E-02
8.027	1.70E-03	2.00E-02	2.17E-02
8.805	1.91E-03	2.00E-02	2.19E-02
10.301	2.31E-03	2.00E-02	2.23E-02
9.367	2.06E-03	2.00E-02	2.21E-02
9.840	2.19E-03	2.00E-02	2.22E-02
11.482	2.63E-03	2.00E-02	2.26E-02
9.590	2.12E-03	2.00E-02	2.21E-02
8.400	1.80E-03	2.00E-02	2.18E-02
7.556	1.57E-03	2.00E-02	2.16E-02
6.917	1.40E-03	2.00E-02	2.14E-02
6.389	1.26E-03	2.00E-02	2.13E-02
5.958	1.14E-03	2.00E-02	2.11E-02
5.604	1.05E-03	2.00E-02	2.10E-02
5.304	9.69E-04	2.00E-02	2.10E-02
5.041	8.98E-04	2.00E-02	2.09E-02
4.819	8.38E-04	2.00E-02	2.08E-02
4.626	7.86E-04	2.00E-02	2.08E-02
4.456	7.41E-04	2.00E-02	2.07E-02
4.305	7.00E-04	2.00E-02	2.07E-02
4.168	6.63E-04	2.00E-02	2.07E-02
4.044	6.30E-04	2.00E-02	2.06E-02
3.931	6.00E-04	2.00E-02	2.06E-02
3.829	5.72E-04	2.00E-02	2.06E-02
3.735	5.47E-04	2.00E-02	2.05E-02
5.776	1.10E-03	2.00E-02	2.11E-02
5.941	1.14E-03	2.00E-02	2.11E-02
6.122	1.19E-03	2.00E-02	2.12E-02

6.324	1.24E-03	2.00E-02	2.12E-02
6.551	1.30E-03	2.00E-02	2.13E-02
6.807	1.37E-03	2.00E-02	2.14E-02
7.094	1.45E-03	2.00E-02	2.14E-02
7.418	1.54E-03	2.00E-02	2.15E-02
7.779	1.63E-03	2.00E-02	2.16E-02
8.175	1.74E-03	2.00E-02	2.17E-02
8.619	1.86E-03	2.00E-02	2.19E-02
9.125	2.00E-03	2.00E-02	2.20E-02
9.710	2.15E-03	2.00E-02	2.22E-02
10.402	2.34E-03	2.00E-02	2.23E-02
11.236	2.56E-03	2.00E-02	2.26E-02
12.267	2.84E-03	2.00E-02	2.28E-02
13.689	3.22E-03	2.00E-02	2.32E-02
13.813	3.26E-03	2.00E-02	2.33E-02
13.066	3.05E-03	2.00E-02	2.31E-02
13.167	3.08E-03	2.00E-02	2.31E-02
15.295	3.65E-03	2.00E-02	2.37E-02
14.301	3.39E-03	2.00E-02	2.34E-02
13.633	3.21E-03	2.00E-02	2.32E-02
13.101	3.06E-03	2.00E-02	2.31E-02
12.635	2.94E-03	2.00E-02	2.29E-02
12.200	2.82E-03	2.00E-02	2.28E-02
11.777	2.71E-03	2.00E-02	2.27E-02
11.349	2.59E-03	2.00E-02	2.26E-02
10.927	2.48E-03	2.00E-02	2.25E-02
10.509	2.37E-03	2.00E-02	2.24E-02
10.088	2.25E-03	2.00E-02	2.23E-02
9.661	2.14E-03	2.00E-02	2.21E-02
9.230	2.02E-03	2.00E-02	2.20E-02
8.805	1.91E-03	2.00E-02	2.19E-02
8.403	1.80E-03	2.00E-02	2.18E-02
8.035	1.70E-03	2.00E-02	2.17E-02
7.713	1.62E-03	2.00E-02	2.16E-02
7.452	1.55E-03	2.00E-02	2.15E-02
7.266	1.50E-03	2.00E-02	2.15E-02
7.163	1.47E-03	2.00E-02	2.15E-02
7.151	1.46E-03	2.00E-02	2.15E-02
7.244	1.49E-03	2.00E-02	2.15E-02
7.473	1.55E-03	2.00E-02	2.16E-02
7.891	1.66E-03	2.00E-02	2.17E-02
8.619	1.86E-03	2.00E-02	2.19E-02
9.976	2.22E-03	2.00E-02	2.22E-02
9.275	2.04E-03	2.00E-02	2.20E-02
9.667	2.14E-03	2.00E-02	2.21E-02
11.720	2.69E-03	2.00E-02	2.27E-02
9.700	2.15E-03	2.00E-02	2.21E-02
8.462	1.82E-03	2.00E-02	2.18E-02
7.597	1.58E-03	2.00E-02	2.16E-02
6.941	1.41E-03	2.00E-02	2.14E-02
6.421	1.27E-03	2.00E-02	2.13E-02
5.992	1.15E-03	2.00E-02	2.12E-02
5.626	1.05E-03	2.00E-02	2.11E-02
5.324	9.74E-04	2.00E-02	2.10E-02
5.061	9.03E-04	2.00E-02	2.09E-02

4.833	8.42E-04	2.00E-02	2.08E-02
4.635	7.89E-04	2.00E-02	2.08E-02
4.462	7.42E-04	2.00E-02	2.07E-02
4.307	7.01E-04	2.00E-02	2.07E-02
4.169	6.63E-04	2.00E-02	2.07E-02
4.044	6.30E-04	2.00E-02	2.06E-02
3.930	5.99E-04	2.00E-02	2.06E-02
3.826	5.71E-04	2.00E-02	2.06E-02
3.732	5.46E-04	2.00E-02	2.05E-02
5.642	1.06E-03	2.00E-02	2.11E-02
5.808	1.10E-03	2.00E-02	2.11E-02
5.986	1.15E-03	2.00E-02	2.12E-02
6.181	1.20E-03	2.00E-02	2.12E-02
6.400	1.26E-03	2.00E-02	2.13E-02
6.641	1.33E-03	2.00E-02	2.13E-02
6.905	1.40E-03	2.00E-02	2.14E-02
7.198	1.48E-03	2.00E-02	2.15E-02
7.515	1.56E-03	2.00E-02	2.16E-02
7.861	1.66E-03	2.00E-02	2.17E-02
8.246	1.76E-03	2.00E-02	2.18E-02
8.675	1.87E-03	2.00E-02	2.19E-02
9.155	2.00E-03	2.00E-02	2.20E-02
9.710	2.15E-03	2.00E-02	2.22E-02
10.343	2.32E-03	2.00E-02	2.23E-02
11.087	2.52E-03	2.00E-02	2.25E-02
12.060	2.78E-03	2.00E-02	2.28E-02
13.339	3.13E-03	2.00E-02	2.31E-02
12.219	2.83E-03	2.00E-02	2.28E-02
12.722	2.96E-03	2.00E-02	2.30E-02
13.208	3.09E-03	2.00E-02	2.31E-02
15.024	3.58E-03	2.00E-02	2.36E-02
13.824	3.26E-03	2.00E-02	2.33E-02
12.982	3.03E-03	2.00E-02	2.30E-02
12.319	2.85E-03	2.00E-02	2.29E-02
11.770	2.71E-03	2.00E-02	2.27E-02
11.270	2.57E-03	2.00E-02	2.26E-02
10.816	2.45E-03	2.00E-02	2.24E-02
10.391	2.34E-03	2.00E-02	2.23E-02
9.988	2.23E-03	2.00E-02	2.22E-02
9.599	2.12E-03	2.00E-02	2.21E-02
9.216	2.02E-03	2.00E-02	2.20E-02
8.839	1.92E-03	2.00E-02	2.19E-02
8.473	1.82E-03	2.00E-02	2.18E-02
8.133	1.73E-03	2.00E-02	2.17E-02
7.818	1.64E-03	2.00E-02	2.16E-02
7.550	1.57E-03	2.00E-02	2.16E-02
7.345	1.52E-03	2.00E-02	2.15E-02
7.214	1.48E-03	2.00E-02	2.15E-02
7.167	1.47E-03	2.00E-02	2.15E-02
7.222	1.48E-03	2.00E-02	2.15E-02
7.411	1.53E-03	2.00E-02	2.15E-02
7.788	1.64E-03	2.00E-02	2.16E-02
8.460	1.82E-03	2.00E-02	2.18E-02
9.710	2.15E-03	2.00E-02	2.22E-02
8.985	1.96E-03	2.00E-02	2.20E-02

8.415	1.80E-03	2.00E-02	2.18E-02
10.673	2.41E-03	2.00E-02	2.24E-02
9.819	2.18E-03	2.00E-02	2.22E-02
8.524	1.83E-03	2.00E-02	2.18E-02
7.633	1.59E-03	2.00E-02	2.16E-02
6.968	1.42E-03	2.00E-02	2.14E-02
6.436	1.27E-03	2.00E-02	2.13E-02
6.005	1.16E-03	2.00E-02	2.12E-02
5.643	1.06E-03	2.00E-02	2.11E-02
5.331	9.76E-04	2.00E-02	2.10E-02
5.065	9.04E-04	2.00E-02	2.09E-02
4.837	8.43E-04	2.00E-02	2.08E-02
4.640	7.90E-04	2.00E-02	2.08E-02
4.464	7.43E-04	2.00E-02	2.07E-02
4.308	7.01E-04	2.00E-02	2.07E-02
4.169	6.64E-04	2.00E-02	2.07E-02
4.042	6.29E-04	2.00E-02	2.06E-02
3.926	5.98E-04	2.00E-02	2.06E-02
3.821	5.70E-04	2.00E-02	2.06E-02
3.725	5.44E-04	2.00E-02	2.05E-02
3.639	5.21E-04	2.00E-02	2.05E-02
5.689	1.07E-03	2.00E-02	2.11E-02
5.861	1.12E-03	2.00E-02	2.11E-02
6.047	1.17E-03	2.00E-02	2.12E-02
6.255	1.22E-03	2.00E-02	2.12E-02
6.480	1.28E-03	2.00E-02	2.13E-02
6.723	1.35E-03	2.00E-02	2.13E-02
6.985	1.42E-03	2.00E-02	2.14E-02
7.267	1.50E-03	2.00E-02	2.15E-02
7.573	1.58E-03	2.00E-02	2.16E-02
7.907	1.67E-03	2.00E-02	2.17E-02
8.274	1.77E-03	2.00E-02	2.18E-02
8.679	1.88E-03	2.00E-02	2.19E-02
9.125	2.00E-03	2.00E-02	2.20E-02
9.615	2.13E-03	2.00E-02	2.21E-02
10.203	2.28E-03	2.00E-02	2.23E-02
10.885	2.47E-03	2.00E-02	2.25E-02
11.730	2.70E-03	2.00E-02	2.27E-02
12.866	3.00E-03	2.00E-02	2.30E-02
12.944	3.02E-03	2.00E-02	2.30E-02
12.243	2.83E-03	2.00E-02	2.28E-02
12.287	2.84E-03	2.00E-02	2.28E-02
14.694	3.49E-03	2.00E-02	2.35E-02
13.309	3.12E-03	2.00E-02	2.31E-02
12.346	2.86E-03	2.00E-02	2.29E-02
11.597	2.66E-03	2.00E-02	2.27E-02
10.987	2.50E-03	2.00E-02	2.25E-02
10.478	2.36E-03	2.00E-02	2.24E-02
10.030	2.24E-03	2.00E-02	2.22E-02
9.622	2.13E-03	2.00E-02	2.21E-02
9.243	2.03E-03	2.00E-02	2.20E-02
8.887	1.93E-03	2.00E-02	2.19E-02
8.549	1.84E-03	2.00E-02	2.18E-02
8.230	1.75E-03	2.00E-02	2.18E-02
7.932	1.67E-03	2.00E-02	2.17E-02

7.666	1.60E-03	2.00E-02	2.16E-02
7.450	1.55E-03	2.00E-02	2.15E-02
7.301	1.51E-03	2.00E-02	2.15E-02
7.231	1.49E-03	2.00E-02	2.15E-02
7.255	1.49E-03	2.00E-02	2.15E-02
7.403	1.53E-03	2.00E-02	2.15E-02
7.731	1.62E-03	2.00E-02	2.16E-02
8.338	1.78E-03	2.00E-02	2.18E-02
9.479	2.09E-03	2.00E-02	2.21E-02
9.049	1.97E-03	2.00E-02	2.20E-02
9.505	2.10E-03	2.00E-02	2.21E-02
10.603	2.39E-03	2.00E-02	2.24E-02
9.993	2.23E-03	2.00E-02	2.22E-02
8.590	1.85E-03	2.00E-02	2.19E-02
7.670	1.60E-03	2.00E-02	2.16E-02
6.984	1.42E-03	2.00E-02	2.14E-02
6.449	1.28E-03	2.00E-02	2.13E-02
6.008	1.16E-03	2.00E-02	2.12E-02
5.647	1.06E-03	2.00E-02	2.11E-02
5.338	9.78E-04	2.00E-02	2.10E-02
5.072	9.06E-04	2.00E-02	2.09E-02
4.841	8.44E-04	2.00E-02	2.08E-02
4.637	7.89E-04	2.00E-02	2.08E-02
4.459	7.41E-04	2.00E-02	2.07E-02
4.304	7.00E-04	2.00E-02	2.07E-02
4.163	6.62E-04	2.00E-02	2.07E-02
4.037	6.28E-04	2.00E-02	2.06E-02
3.920	5.97E-04	2.00E-02	2.06E-02
3.814	5.68E-04	2.00E-02	2.06E-02
3.717	5.42E-04	2.00E-02	2.05E-02
3.629	5.18E-04	2.00E-02	2.05E-02
5.573	1.04E-03	2.00E-02	2.10E-02
5.742	1.09E-03	2.00E-02	2.11E-02
5.922	1.13E-03	2.00E-02	2.11E-02
6.115	1.19E-03	2.00E-02	2.12E-02
6.323	1.24E-03	2.00E-02	2.12E-02
6.544	1.30E-03	2.00E-02	2.13E-02
6.780	1.37E-03	2.00E-02	2.14E-02
7.032	1.43E-03	2.00E-02	2.14E-02
7.303	1.51E-03	2.00E-02	2.15E-02
7.593	1.58E-03	2.00E-02	2.16E-02
7.909	1.67E-03	2.00E-02	2.17E-02
8.250	1.76E-03	2.00E-02	2.18E-02
8.607	1.86E-03	2.00E-02	2.19E-02
9.016	1.97E-03	2.00E-02	2.20E-02
9.464	2.09E-03	2.00E-02	2.21E-02
9.971	2.22E-03	2.00E-02	2.22E-02
10.571	2.38E-03	2.00E-02	2.24E-02
11.316	2.58E-03	2.00E-02	2.26E-02
12.312	2.85E-03	2.00E-02	2.29E-02
13.809	3.25E-03	2.00E-02	2.33E-02
11.785	2.71E-03	2.00E-02	2.27E-02
10.830	2.45E-03	2.00E-02	2.25E-02
12.935	3.02E-03	2.00E-02	2.30E-02
12.822	2.99E-03	2.00E-02	2.30E-02

11.752	2.70E-03	2.00E-02	2.27E-02
10.959	2.49E-03	2.00E-02	2.25E-02
10.344	2.32E-03	2.00E-02	2.23E-02
9.838	2.19E-03	2.00E-02	2.22E-02
9.397	2.07E-03	2.00E-02	2.21E-02
9.012	1.96E-03	2.00E-02	2.20E-02
8.666	1.87E-03	2.00E-02	2.19E-02
8.351	1.79E-03	2.00E-02	2.18E-02
8.060	1.71E-03	2.00E-02	2.17E-02
7.799	1.64E-03	2.00E-02	2.16E-02
7.580	1.58E-03	2.00E-02	2.16E-02
7.416	1.54E-03	2.00E-02	2.15E-02
7.325	1.51E-03	2.00E-02	2.15E-02
7.323	1.51E-03	2.00E-02	2.15E-02
7.438	1.54E-03	2.00E-02	2.15E-02
7.720	1.62E-03	2.00E-02	2.16E-02
8.264	1.76E-03	2.00E-02	2.18E-02
9.295	2.04E-03	2.00E-02	2.20E-02
8.736	1.89E-03	2.00E-02	2.19E-02
9.728	2.16E-03	2.00E-02	2.22E-02
10.908	2.47E-03	2.00E-02	2.25E-02
10.164	2.27E-03	2.00E-02	2.23E-02
8.694	1.88E-03	2.00E-02	2.19E-02
7.721	1.62E-03	2.00E-02	2.16E-02
7.008	1.43E-03	2.00E-02	2.14E-02
6.455	1.28E-03	2.00E-02	2.13E-02
6.008	1.16E-03	2.00E-02	2.12E-02
5.637	1.06E-03	2.00E-02	2.11E-02
5.337	9.77E-04	2.00E-02	2.10E-02
5.072	9.06E-04	2.00E-02	2.09E-02
4.839	8.44E-04	2.00E-02	2.08E-02
4.635	7.89E-04	2.00E-02	2.08E-02
4.455	7.40E-04	2.00E-02	2.07E-02
4.294	6.97E-04	2.00E-02	2.07E-02
4.153	6.59E-04	2.00E-02	2.07E-02
4.026	6.25E-04	2.00E-02	2.06E-02
3.910	5.94E-04	2.00E-02	2.06E-02
3.804	5.65E-04	2.00E-02	2.06E-02
3.707	5.39E-04	2.00E-02	2.05E-02
3.619	5.16E-04	2.00E-02	2.05E-02
3.538	4.94E-04	2.00E-02	2.05E-02
5.627	1.06E-03	2.00E-02	2.11E-02
5.797	1.10E-03	2.00E-02	2.11E-02
5.978	1.15E-03	2.00E-02	2.11E-02
6.168	1.20E-03	2.00E-02	2.12E-02
6.367	1.25E-03	2.00E-02	2.13E-02
6.581	1.31E-03	2.00E-02	2.13E-02
6.807	1.37E-03	2.00E-02	2.14E-02
7.047	1.44E-03	2.00E-02	2.14E-02
7.301	1.50E-03	2.00E-02	2.15E-02
7.574	1.58E-03	2.00E-02	2.16E-02
7.856	1.65E-03	2.00E-02	2.17E-02
8.156	1.73E-03	2.00E-02	2.17E-02
8.483	1.82E-03	2.00E-02	2.18E-02
8.836	1.92E-03	2.00E-02	2.19E-02

9.226	2.02E-03	2.00E-02	2.20E-02
9.669	2.14E-03	2.00E-02	2.21E-02
10.191	2.28E-03	2.00E-02	2.23E-02
10.839	2.46E-03	2.00E-02	2.25E-02
11.710	2.69E-03	2.00E-02	2.27E-02
13.027	3.04E-03	2.00E-02	2.30E-02
11.113	2.53E-03	2.00E-02	2.25E-02
11.201	2.55E-03	2.00E-02	2.26E-02
12.211	2.82E-03	2.00E-02	2.28E-02
12.385	2.87E-03	2.00E-02	2.29E-02
11.260	2.57E-03	2.00E-02	2.26E-02
10.453	2.35E-03	2.00E-02	2.24E-02
9.826	2.18E-03	2.00E-02	2.22E-02
9.320	2.05E-03	2.00E-02	2.20E-02
8.904	1.94E-03	2.00E-02	2.19E-02
8.548	1.84E-03	2.00E-02	2.18E-02
8.235	1.76E-03	2.00E-02	2.18E-02
7.962	1.68E-03	2.00E-02	2.17E-02
7.733	1.62E-03	2.00E-02	2.16E-02
7.558	1.57E-03	2.00E-02	2.16E-02
7.448	1.54E-03	2.00E-02	2.15E-02
7.421	1.54E-03	2.00E-02	2.15E-02
7.505	1.56E-03	2.00E-02	2.16E-02
7.743	1.62E-03	2.00E-02	2.16E-02
8.227	1.75E-03	2.00E-02	2.18E-02
9.155	2.00E-03	2.00E-02	2.20E-02
9.745	2.16E-03	2.00E-02	2.22E-02
9.411	2.07E-03	2.00E-02	2.21E-02
9.495	2.09E-03	2.00E-02	2.21E-02
10.360	2.33E-03	2.00E-02	2.23E-02
8.808	1.91E-03	2.00E-02	2.19E-02
7.782	1.63E-03	2.00E-02	2.16E-02
7.040	1.43E-03	2.00E-02	2.14E-02
6.469	1.28E-03	2.00E-02	2.13E-02
6.010	1.16E-03	2.00E-02	2.12E-02
5.637	1.06E-03	2.00E-02	2.11E-02
5.320	9.73E-04	2.00E-02	2.10E-02
5.058	9.02E-04	2.00E-02	2.09E-02
4.830	8.41E-04	2.00E-02	2.08E-02
4.628	7.87E-04	2.00E-02	2.08E-02
4.446	7.38E-04	2.00E-02	2.07E-02
4.284	6.94E-04	2.00E-02	2.07E-02
4.141	6.56E-04	2.00E-02	2.07E-02
4.013	6.21E-04	2.00E-02	2.06E-02
3.896	5.90E-04	2.00E-02	2.06E-02
3.791	5.62E-04	2.00E-02	2.06E-02
3.694	5.36E-04	2.00E-02	2.05E-02
3.606	5.12E-04	2.00E-02	2.05E-02
3.525	4.90E-04	2.00E-02	2.05E-02
5.672	1.07E-03	2.00E-02	2.11E-02
5.840	1.11E-03	2.00E-02	2.11E-02
6.015	1.16E-03	2.00E-02	2.12E-02
6.196	1.21E-03	2.00E-02	2.12E-02
6.387	1.26E-03	2.00E-02	2.13E-02
6.589	1.31E-03	2.00E-02	2.13E-02

6.801	1.37E-03	2.00E-02	2.14E-02
7.025	1.43E-03	2.00E-02	2.14E-02
7.257	1.49E-03	2.00E-02	2.15E-02
7.495	1.56E-03	2.00E-02	2.16E-02
7.749	1.63E-03	2.00E-02	2.16E-02
8.012	1.70E-03	2.00E-02	2.17E-02
8.296	1.77E-03	2.00E-02	2.18E-02
8.599	1.85E-03	2.00E-02	2.19E-02
8.934	1.94E-03	2.00E-02	2.19E-02
9.313	2.05E-03	2.00E-02	2.20E-02
9.763	2.17E-03	2.00E-02	2.22E-02
10.329	2.32E-03	2.00E-02	2.23E-02
11.096	2.52E-03	2.00E-02	2.25E-02
12.265	2.84E-03	2.00E-02	2.28E-02
10.695	2.42E-03	2.00E-02	2.24E-02
9.753	2.16E-03	2.00E-02	2.22E-02
10.437	2.35E-03	2.00E-02	2.23E-02
12.042	2.78E-03	2.00E-02	2.28E-02
10.877	2.47E-03	2.00E-02	2.25E-02
10.042	2.24E-03	2.00E-02	2.22E-02
9.416	2.07E-03	2.00E-02	2.21E-02
8.931	1.94E-03	2.00E-02	2.19E-02
8.532	1.84E-03	2.00E-02	2.18E-02
8.203	1.75E-03	2.00E-02	2.17E-02
7.938	1.68E-03	2.00E-02	2.17E-02
7.735	1.62E-03	2.00E-02	2.16E-02
7.603	1.59E-03	2.00E-02	2.16E-02
7.550	1.57E-03	2.00E-02	2.16E-02
7.602	1.59E-03	2.00E-02	2.16E-02
7.800	1.64E-03	2.00E-02	2.16E-02
8.229	1.75E-03	2.00E-02	2.18E-02
9.062	1.98E-03	2.00E-02	2.20E-02
8.612	1.86E-03	2.00E-02	2.19E-02
9.467	2.09E-03	2.00E-02	2.21E-02
9.458	2.08E-03	2.00E-02	2.21E-02
10.593	2.39E-03	2.00E-02	2.24E-02
8.936	1.94E-03	2.00E-02	2.19E-02
7.854	1.65E-03	2.00E-02	2.17E-02
7.080	1.45E-03	2.00E-02	2.14E-02
6.488	1.29E-03	2.00E-02	2.13E-02
6.018	1.16E-03	2.00E-02	2.12E-02
5.633	1.06E-03	2.00E-02	2.11E-02
5.323	9.73E-04	2.00E-02	2.10E-02
5.049	9.00E-04	2.00E-02	2.09E-02
4.811	8.36E-04	2.00E-02	2.08E-02
4.608	7.81E-04	2.00E-02	2.08E-02
4.431	7.34E-04	2.00E-02	2.07E-02
4.272	6.91E-04	2.00E-02	2.07E-02
4.125	6.52E-04	2.00E-02	2.07E-02
3.996	6.17E-04	2.00E-02	2.06E-02
3.881	5.86E-04	2.00E-02	2.06E-02
3.775	5.58E-04	2.00E-02	2.06E-02
3.678	5.32E-04	2.00E-02	2.05E-02
3.591	5.08E-04	2.00E-02	2.05E-02
3.510	4.86E-04	2.00E-02	2.05E-02



3.436	4.66E-04	2.00E-02	2.05E-02
5.549	1.03E-03	2.00E-02	2.10E-02
5.703	1.08E-03	2.00E-02	2.11E-02
5.863	1.12E-03	2.00E-02	2.11E-02
6.029	1.16E-03	2.00E-02	2.12E-02
6.200	1.21E-03	2.00E-02	2.12E-02
6.379	1.26E-03	2.00E-02	2.13E-02
6.568	1.31E-03	2.00E-02	2.13E-02
6.763	1.36E-03	2.00E-02	2.14E-02
6.960	1.41E-03	2.00E-02	2.14E-02
7.167	1.47E-03	2.00E-02	2.15E-02
7.375	1.53E-03	2.00E-02	2.15E-02
7.592	1.58E-03	2.00E-02	2.16E-02
7.820	1.64E-03	2.00E-02	2.16E-02
8.060	1.71E-03	2.00E-02	2.17E-02
8.316	1.78E-03	2.00E-02	2.18E-02
8.599	1.85E-03	2.00E-02	2.19E-02
8.924	1.94E-03	2.00E-02	2.19E-02
9.314	2.05E-03	2.00E-02	2.20E-02
9.814	2.18E-03	2.00E-02	2.22E-02
10.501	2.36E-03	2.00E-02	2.24E-02
11.556	2.65E-03	2.00E-02	2.26E-02
10.024	2.24E-03	2.00E-02	2.22E-02
10.217	2.29E-03	2.00E-02	2.23E-02
10.371	2.33E-03	2.00E-02	2.23E-02
11.822	2.72E-03	2.00E-02	2.27E-02
10.590	2.39E-03	2.00E-02	2.24E-02
9.748	2.16E-03	2.00E-02	2.22E-02
9.116	1.99E-03	2.00E-02	2.20E-02
8.634	1.86E-03	2.00E-02	2.19E-02
8.269	1.77E-03	2.00E-02	2.18E-02
7.998	1.69E-03	2.00E-02	2.17E-02
7.815	1.64E-03	2.00E-02	2.16E-02
7.721	1.62E-03	2.00E-02	2.16E-02
7.737	1.62E-03	2.00E-02	2.16E-02
7.894	1.66E-03	2.00E-02	2.17E-02
8.266	1.76E-03	2.00E-02	2.18E-02
9.014	1.97E-03	2.00E-02	2.20E-02
9.509	2.10E-03	2.00E-02	2.21E-02
9.401	2.07E-03	2.00E-02	2.21E-02
9.557	2.11E-03	2.00E-02	2.21E-02
10.869	2.46E-03	2.00E-02	2.25E-02
9.090	1.99E-03	2.00E-02	2.20E-02
7.942	1.68E-03	2.00E-02	2.17E-02
7.128	1.46E-03	2.00E-02	2.15E-02
6.511	1.29E-03	2.00E-02	2.13E-02
6.027	1.16E-03	2.00E-02	2.12E-02
5.633	1.06E-03	2.00E-02	2.11E-02
5.306	9.69E-04	2.00E-02	2.10E-02
5.030	8.95E-04	2.00E-02	2.09E-02
4.799	8.33E-04	2.00E-02	2.08E-02
4.590	7.77E-04	2.00E-02	2.08E-02
4.407	7.27E-04	2.00E-02	2.07E-02
4.246	6.84E-04	2.00E-02	2.07E-02
4.106	6.47E-04	2.00E-02	2.06E-02

3.979	6.12E-04	2.00E-02	2.06E-02
3.861	5.81E-04	2.00E-02	2.06E-02
3.756	5.52E-04	2.00E-02	2.06E-02
3.660	5.27E-04	2.00E-02	2.05E-02
3.573	5.03E-04	2.00E-02	2.05E-02
3.493	4.82E-04	2.00E-02	2.05E-02
3.419	4.62E-04	2.00E-02	2.05E-02
5.568	1.04E-03	2.00E-02	2.10E-02
5.714	1.08E-03	2.00E-02	2.11E-02
5.866	1.12E-03	2.00E-02	2.11E-02
6.020	1.16E-03	2.00E-02	2.12E-02
6.178	1.20E-03	2.00E-02	2.12E-02
6.344	1.25E-03	2.00E-02	2.12E-02
6.510	1.29E-03	2.00E-02	2.13E-02
6.680	1.34E-03	2.00E-02	2.13E-02
6.860	1.39E-03	2.00E-02	2.14E-02
7.034	1.43E-03	2.00E-02	2.14E-02
7.212	1.48E-03	2.00E-02	2.15E-02
7.397	1.53E-03	2.00E-02	2.15E-02
7.587	1.58E-03	2.00E-02	2.16E-02
7.787	1.64E-03	2.00E-02	2.16E-02
8.001	1.69E-03	2.00E-02	2.17E-02
8.241	1.76E-03	2.00E-02	2.18E-02
8.520	1.83E-03	2.00E-02	2.18E-02
8.864	1.93E-03	2.00E-02	2.19E-02
9.317	2.05E-03	2.00E-02	2.20E-02
9.948	2.22E-03	2.00E-02	2.22E-02
10.917	2.48E-03	2.00E-02	2.25E-02
10.755	2.43E-03	2.00E-02	2.24E-02
9.805	2.18E-03	2.00E-02	2.22E-02
9.641	2.13E-03	2.00E-02	2.21E-02
11.700	2.69E-03	2.00E-02	2.27E-02
10.403	2.34E-03	2.00E-02	2.23E-02
9.515	2.10E-03	2.00E-02	2.21E-02
8.885	1.93E-03	2.00E-02	2.19E-02
8.451	1.81E-03	2.00E-02	2.18E-02
8.158	1.74E-03	2.00E-02	2.17E-02
7.983	1.69E-03	2.00E-02	2.17E-02
7.930	1.67E-03	2.00E-02	2.17E-02
8.034	1.70E-03	2.00E-02	2.17E-02
8.348	1.79E-03	2.00E-02	2.18E-02
9.011	1.96E-03	2.00E-02	2.20E-02
10.423	2.34E-03	2.00E-02	2.23E-02
9.328	2.05E-03	2.00E-02	2.20E-02
9.724	2.16E-03	2.00E-02	2.22E-02
11.189	2.55E-03	2.00E-02	2.25E-02
9.262	2.03E-03	2.00E-02	2.20E-02
8.051	1.71E-03	2.00E-02	2.17E-02
7.187	1.47E-03	2.00E-02	2.15E-02
6.542	1.30E-03	2.00E-02	2.13E-02
6.037	1.17E-03	2.00E-02	2.12E-02
5.628	1.06E-03	2.00E-02	2.11E-02
5.290	9.65E-04	2.00E-02	2.10E-02
5.012	8.90E-04	2.00E-02	2.09E-02
4.772	8.25E-04	2.00E-02	2.08E-02

4.568	7.71E-04	2.00E-02	2.08E-02
4.389	7.23E-04	2.00E-02	2.07E-02
4.225	6.79E-04	2.00E-02	2.07E-02
4.080	6.39E-04	2.00E-02	2.06E-02
3.952	6.05E-04	2.00E-02	2.06E-02
3.838	5.75E-04	2.00E-02	2.06E-02
3.734	5.47E-04	2.00E-02	2.05E-02
3.639	5.21E-04	2.00E-02	2.05E-02
3.552	4.98E-04	2.00E-02	2.05E-02
3.473	4.76E-04	2.00E-02	2.05E-02
3.400	4.57E-04	2.00E-02	2.05E-02
5.568	1.04E-03	2.00E-02	2.10E-02
5.704	1.08E-03	2.00E-02	2.11E-02
5.842	1.11E-03	2.00E-02	2.11E-02
5.985	1.15E-03	2.00E-02	2.12E-02
6.127	1.19E-03	2.00E-02	2.12E-02
6.269	1.23E-03	2.00E-02	2.12E-02
6.423	1.27E-03	2.00E-02	2.13E-02
6.573	1.31E-03	2.00E-02	2.13E-02
6.720	1.35E-03	2.00E-02	2.13E-02
6.866	1.39E-03	2.00E-02	2.14E-02
7.016	1.43E-03	2.00E-02	2.14E-02
7.168	1.47E-03	2.00E-02	2.15E-02
7.325	1.51E-03	2.00E-02	2.15E-02
7.490	1.56E-03	2.00E-02	2.16E-02
7.670	1.60E-03	2.00E-02	2.16E-02
7.875	1.66E-03	2.00E-02	2.17E-02
8.122	1.73E-03	2.00E-02	2.17E-02
8.434	1.81E-03	2.00E-02	2.18E-02
8.852	1.92E-03	2.00E-02	2.19E-02
9.444	2.08E-03	2.00E-02	2.21E-02
10.340	2.32E-03	2.00E-02	2.23E-02
9.118	1.99E-03	2.00E-02	2.20E-02
9.463	2.09E-03	2.00E-02	2.21E-02
9.848	2.19E-03	2.00E-02	2.22E-02
11.669	2.68E-03	2.00E-02	2.27E-02
10.273	2.30E-03	2.00E-02	2.23E-02
9.361	2.06E-03	2.00E-02	2.21E-02
8.795	1.91E-03	2.00E-02	2.19E-02
8.440	1.81E-03	2.00E-02	2.18E-02
8.258	1.76E-03	2.00E-02	2.18E-02
8.259	1.76E-03	2.00E-02	2.18E-02
8.488	1.82E-03	2.00E-02	2.18E-02
9.053	1.98E-03	2.00E-02	2.20E-02
10.294	2.31E-03	2.00E-02	2.23E-02
9.461	2.09E-03	2.00E-02	2.21E-02
9.658	2.14E-03	2.00E-02	2.21E-02
11.535	2.64E-03	2.00E-02	2.26E-02
9.453	2.08E-03	2.00E-02	2.21E-02
8.164	1.74E-03	2.00E-02	2.17E-02
7.261	1.49E-03	2.00E-02	2.15E-02
6.581	1.31E-03	2.00E-02	2.13E-02
6.051	1.17E-03	2.00E-02	2.12E-02
5.627	1.06E-03	2.00E-02	2.11E-02
5.276	9.61E-04	2.00E-02	2.10E-02

4.985	8.83E-04	2.00E-02	2.09E-02
4.745	8.18E-04	2.00E-02	2.08E-02
4.539	7.63E-04	2.00E-02	2.08E-02
4.360	7.15E-04	2.00E-02	2.07E-02
4.200	6.72E-04	2.00E-02	2.07E-02
4.058	6.33E-04	2.00E-02	2.06E-02
3.929	5.99E-04	2.00E-02	2.06E-02
3.812	5.67E-04	2.00E-02	2.06E-02
3.708	5.40E-04	2.00E-02	2.05E-02
3.615	5.15E-04	2.00E-02	2.05E-02
3.530	4.92E-04	2.00E-02	2.05E-02
3.451	4.71E-04	2.00E-02	2.05E-02
3.380	4.51E-04	2.00E-02	2.05E-02
5.547	1.03E-03	2.00E-02	2.10E-02
5.670	1.07E-03	2.00E-02	2.11E-02
5.796	1.10E-03	2.00E-02	2.11E-02
5.919	1.13E-03	2.00E-02	2.11E-02
6.047	1.17E-03	2.00E-02	2.12E-02
6.177	1.20E-03	2.00E-02	2.12E-02
6.303	1.24E-03	2.00E-02	2.12E-02
6.428	1.27E-03	2.00E-02	2.13E-02
6.550	1.30E-03	2.00E-02	2.13E-02
6.671	1.34E-03	2.00E-02	2.13E-02
6.794	1.37E-03	2.00E-02	2.14E-02
6.918	1.40E-03	2.00E-02	2.14E-02
7.046	1.44E-03	2.00E-02	2.14E-02
7.183	1.47E-03	2.00E-02	2.15E-02
7.337	1.51E-03	2.00E-02	2.15E-02
7.519	1.56E-03	2.00E-02	2.16E-02
7.744	1.62E-03	2.00E-02	2.16E-02
8.035	1.70E-03	2.00E-02	2.17E-02
8.430	1.81E-03	2.00E-02	2.18E-02
8.989	1.96E-03	2.00E-02	2.20E-02
9.827	2.18E-03	2.00E-02	2.22E-02
9.796	2.18E-03	2.00E-02	2.22E-02
9.084	1.98E-03	2.00E-02	2.20E-02
9.126	2.00E-03	2.00E-02	2.20E-02
10.060	2.25E-03	2.00E-02	2.22E-02
10.253	2.30E-03	2.00E-02	2.23E-02
9.375	2.06E-03	2.00E-02	2.21E-02
8.889	1.93E-03	2.00E-02	2.19E-02
8.681	1.88E-03	2.00E-02	2.19E-02
8.755	1.90E-03	2.00E-02	2.19E-02
9.181	2.01E-03	2.00E-02	2.20E-02
10.233	2.29E-03	2.00E-02	2.23E-02
9.306	2.04E-03	2.00E-02	2.20E-02
10.133	2.27E-03	2.00E-02	2.23E-02
10.594	2.39E-03	2.00E-02	2.24E-02
9.659	2.14E-03	2.00E-02	2.21E-02
8.281	1.77E-03	2.00E-02	2.18E-02
7.327	1.51E-03	2.00E-02	2.15E-02
6.617	1.32E-03	2.00E-02	2.13E-02
6.064	1.17E-03	2.00E-02	2.12E-02
5.623	1.05E-03	2.00E-02	2.11E-02
5.264	9.58E-04	2.00E-02	2.10E-02

4.965	8.77E-04	2.00E-02	2.09E-02
4.715	8.10E-04	2.00E-02	2.08E-02
4.507	7.54E-04	2.00E-02	2.08E-02
4.325	7.05E-04	2.00E-02	2.07E-02
4.168	6.63E-04	2.00E-02	2.07E-02
4.026	6.25E-04	2.00E-02	2.06E-02
3.899	5.91E-04	2.00E-02	2.06E-02
3.785	5.60E-04	2.00E-02	2.06E-02
3.683	5.33E-04	2.00E-02	2.05E-02
3.589	5.07E-04	2.00E-02	2.05E-02
3.503	4.85E-04	2.00E-02	2.05E-02
3.427	4.64E-04	2.00E-02	2.05E-02
3.357	4.45E-04	2.00E-02	2.04E-02
5.505	1.02E-03	2.00E-02	2.10E-02
5.613	1.05E-03	2.00E-02	2.11E-02
5.723	1.08E-03	2.00E-02	2.11E-02
5.835	1.11E-03	2.00E-02	2.11E-02
5.944	1.14E-03	2.00E-02	2.11E-02
6.051	1.17E-03	2.00E-02	2.12E-02
6.156	1.20E-03	2.00E-02	2.12E-02
6.260	1.23E-03	2.00E-02	2.12E-02
6.359	1.25E-03	2.00E-02	2.13E-02
6.457	1.28E-03	2.00E-02	2.13E-02
6.555	1.30E-03	2.00E-02	2.13E-02
6.655	1.33E-03	2.00E-02	2.13E-02
6.761	1.36E-03	2.00E-02	2.14E-02
6.879	1.39E-03	2.00E-02	2.14E-02
7.016	1.43E-03	2.00E-02	2.14E-02
7.182	1.47E-03	2.00E-02	2.15E-02
7.393	1.53E-03	2.00E-02	2.15E-02
7.671	1.60E-03	2.00E-02	2.16E-02
8.050	1.71E-03	2.00E-02	2.17E-02
8.585	1.85E-03	2.00E-02	2.19E-02
9.378	2.06E-03	2.00E-02	2.21E-02
10.696	2.42E-03	2.00E-02	2.24E-02
8.927	1.94E-03	2.00E-02	2.19E-02
8.019	1.70E-03	2.00E-02	2.17E-02
10.364	2.33E-03	2.00E-02	2.23E-02
10.399	2.34E-03	2.00E-02	2.23E-02
9.604	2.12E-03	2.00E-02	2.21E-02
9.321	2.05E-03	2.00E-02	2.20E-02
9.498	2.10E-03	2.00E-02	2.21E-02
10.305	2.31E-03	2.00E-02	2.23E-02
10.695	2.42E-03	2.00E-02	2.24E-02
9.784	2.17E-03	2.00E-02	2.22E-02
10.646	2.40E-03	2.00E-02	2.24E-02
9.866	2.19E-03	2.00E-02	2.22E-02
8.387	1.80E-03	2.00E-02	2.18E-02
7.386	1.53E-03	2.00E-02	2.15E-02
6.644	1.33E-03	2.00E-02	2.13E-02
6.070	1.17E-03	2.00E-02	2.12E-02
5.617	1.05E-03	2.00E-02	2.11E-02
5.247	9.53E-04	2.00E-02	2.10E-02
4.941	8.71E-04	2.00E-02	2.09E-02
4.686	8.02E-04	2.00E-02	2.08E-02

4.471	7.44E-04	2.00E-02	2.07E-02
4.290	6.96E-04	2.00E-02	2.07E-02
4.130	6.53E-04	2.00E-02	2.07E-02
3.991	6.15E-04	2.00E-02	2.06E-02
3.868	5.83E-04	2.00E-02	2.06E-02
3.755	5.52E-04	2.00E-02	2.06E-02
3.653	5.25E-04	2.00E-02	2.05E-02
3.561	5.00E-04	2.00E-02	2.05E-02
3.477	4.78E-04	2.00E-02	2.05E-02
3.402	4.57E-04	2.00E-02	2.05E-02
3.332	4.39E-04	2.00E-02	2.04E-02
5.439	1.00E-03	2.00E-02	2.10E-02
5.537	1.03E-03	2.00E-02	2.10E-02
5.631	1.06E-03	2.00E-02	2.11E-02
5.724	1.08E-03	2.00E-02	2.11E-02
5.814	1.11E-03	2.00E-02	2.11E-02
5.903	1.13E-03	2.00E-02	2.11E-02
5.990	1.15E-03	2.00E-02	2.12E-02
6.073	1.18E-03	2.00E-02	2.12E-02
6.152	1.20E-03	2.00E-02	2.12E-02
6.230	1.22E-03	2.00E-02	2.12E-02
6.309	1.24E-03	2.00E-02	2.12E-02
6.392	1.26E-03	2.00E-02	2.13E-02
6.483	1.29E-03	2.00E-02	2.13E-02
6.587	1.31E-03	2.00E-02	2.13E-02
6.713	1.35E-03	2.00E-02	2.13E-02
6.870	1.39E-03	2.00E-02	2.14E-02
7.074	1.44E-03	2.00E-02	2.14E-02
7.345	1.52E-03	2.00E-02	2.15E-02
7.715	1.62E-03	2.00E-02	2.16E-02
8.237	1.76E-03	2.00E-02	2.18E-02
9.003	1.96E-03	2.00E-02	2.20E-02
10.232	2.29E-03	2.00E-02	2.23E-02
8.585	1.85E-03	2.00E-02	2.19E-02
8.854	1.92E-03	2.00E-02	2.19E-02
10.195	2.28E-03	2.00E-02	2.23E-02
10.788	2.44E-03	2.00E-02	2.24E-02
10.292	2.31E-03	2.00E-02	2.23E-02
10.644	2.40E-03	2.00E-02	2.24E-02
9.565	2.11E-03	2.00E-02	2.21E-02
10.113	2.26E-03	2.00E-02	2.23E-02
10.979	2.49E-03	2.00E-02	2.25E-02
10.050	2.24E-03	2.00E-02	2.22E-02
8.476	1.82E-03	2.00E-02	2.18E-02
7.419	1.54E-03	2.00E-02	2.15E-02
6.654	1.33E-03	2.00E-02	2.13E-02
6.066	1.17E-03	2.00E-02	2.12E-02
5.600	1.05E-03	2.00E-02	2.10E-02
5.224	9.47E-04	2.00E-02	2.09E-02
4.914	8.64E-04	2.00E-02	2.09E-02
4.656	7.94E-04	2.00E-02	2.08E-02
4.438	7.36E-04	2.00E-02	2.07E-02
4.252	6.86E-04	2.00E-02	2.07E-02
4.092	6.43E-04	2.00E-02	2.06E-02
3.950	6.05E-04	2.00E-02	2.06E-02

3.828	5.72E-04	2.00E-02	2.06E-02
3.721	5.43E-04	2.00E-02	2.05E-02
3.623	5.17E-04	2.00E-02	2.05E-02
3.531	4.92E-04	2.00E-02	2.05E-02
3.448	4.70E-04	2.00E-02	2.05E-02
3.374	4.50E-04	2.00E-02	2.04E-02
3.306	4.32E-04	2.00E-02	2.04E-02
5.358	9.83E-04	2.00E-02	2.10E-02
5.438	1.00E-03	2.00E-02	2.10E-02
5.518	1.03E-03	2.00E-02	2.10E-02
5.595	1.05E-03	2.00E-02	2.10E-02
5.670	1.07E-03	2.00E-02	2.11E-02
5.742	1.09E-03	2.00E-02	2.11E-02
5.810	1.10E-03	2.00E-02	2.11E-02
5.874	1.12E-03	2.00E-02	2.11E-02
5.937	1.14E-03	2.00E-02	2.11E-02
5.999	1.16E-03	2.00E-02	2.12E-02
6.064	1.17E-03	2.00E-02	2.12E-02
6.135	1.19E-03	2.00E-02	2.12E-02
6.217	1.21E-03	2.00E-02	2.12E-02
6.313	1.24E-03	2.00E-02	2.12E-02
6.433	1.27E-03	2.00E-02	2.13E-02
6.587	1.31E-03	2.00E-02	2.13E-02
6.788	1.37E-03	2.00E-02	2.14E-02
7.056	1.44E-03	2.00E-02	2.14E-02
7.421	1.54E-03	2.00E-02	2.15E-02
7.932	1.67E-03	2.00E-02	2.17E-02
8.673	1.87E-03	2.00E-02	2.19E-02
9.829	2.18E-03	2.00E-02	2.22E-02
9.735	2.16E-03	2.00E-02	2.22E-02
8.905	1.94E-03	2.00E-02	2.19E-02
9.069	1.98E-03	2.00E-02	2.20E-02
11.770	2.71E-03	2.00E-02	2.27E-02
11.176	2.55E-03	2.00E-02	2.25E-02
10.046	2.24E-03	2.00E-02	2.22E-02
9.607	2.12E-03	2.00E-02	2.21E-02
10.195	2.28E-03	2.00E-02	2.23E-02
8.507	1.83E-03	2.00E-02	2.18E-02
7.406	1.53E-03	2.00E-02	2.15E-02
6.620	1.32E-03	2.00E-02	2.13E-02
6.032	1.16E-03	2.00E-02	2.12E-02
5.569	1.04E-03	2.00E-02	2.10E-02
5.190	9.38E-04	2.00E-02	2.09E-02
4.878	8.54E-04	2.00E-02	2.09E-02
4.622	7.85E-04	2.00E-02	2.08E-02
4.403	7.26E-04	2.00E-02	2.07E-02
4.216	6.76E-04	2.00E-02	2.07E-02
4.056	6.33E-04	2.00E-02	2.06E-02
3.918	5.96E-04	2.00E-02	2.06E-02
3.794	5.63E-04	2.00E-02	2.06E-02
3.684	5.33E-04	2.00E-02	2.05E-02
3.589	5.07E-04	2.00E-02	2.05E-02
3.503	4.84E-04	2.00E-02	2.05E-02
3.421	4.62E-04	2.00E-02	2.05E-02
3.346	4.42E-04	2.00E-02	2.04E-02

3.279	4.24E-04	2.00E-02	2.04E-02
5.258	9.56E-04	2.00E-02	2.10E-02
5.326	9.74E-04	2.00E-02	2.10E-02
5.391	9.92E-04	2.00E-02	2.10E-02
5.454	1.01E-03	2.00E-02	2.10E-02
5.513	1.02E-03	2.00E-02	2.10E-02
5.569	1.04E-03	2.00E-02	2.10E-02
5.621	1.05E-03	2.00E-02	2.11E-02
5.672	1.07E-03	2.00E-02	2.11E-02
5.721	1.08E-03	2.00E-02	2.11E-02
5.772	1.09E-03	2.00E-02	2.11E-02
5.828	1.11E-03	2.00E-02	2.11E-02
5.891	1.13E-03	2.00E-02	2.11E-02
5.966	1.15E-03	2.00E-02	2.11E-02
6.059	1.17E-03	2.00E-02	2.12E-02
6.176	1.20E-03	2.00E-02	2.12E-02
6.329	1.24E-03	2.00E-02	2.12E-02
6.529	1.30E-03	2.00E-02	2.13E-02
6.795	1.37E-03	2.00E-02	2.14E-02
7.156	1.47E-03	2.00E-02	2.15E-02
7.654	1.60E-03	2.00E-02	2.16E-02
8.369	1.79E-03	2.00E-02	2.18E-02
9.477	2.09E-03	2.00E-02	2.21E-02
8.307	1.78E-03	2.00E-02	2.18E-02
8.980	1.96E-03	2.00E-02	2.20E-02
9.155	2.00E-03	2.00E-02	2.20E-02
10.260	2.30E-03	2.00E-02	2.23E-02
11.034	2.51E-03	2.00E-02	2.25E-02
10.164	2.27E-03	2.00E-02	2.23E-02
8.407	1.80E-03	2.00E-02	2.18E-02
7.297	1.50E-03	2.00E-02	2.15E-02
6.521	1.30E-03	2.00E-02	2.13E-02
5.945	1.14E-03	2.00E-02	2.11E-02
5.501	1.02E-03	2.00E-02	2.10E-02
5.138	9.24E-04	2.00E-02	2.09E-02
4.831	8.41E-04	2.00E-02	2.08E-02
4.580	7.74E-04	2.00E-02	2.08E-02
4.367	7.17E-04	2.00E-02	2.07E-02
4.182	6.67E-04	2.00E-02	2.07E-02
4.021	6.24E-04	2.00E-02	2.06E-02
3.883	5.87E-04	2.00E-02	2.06E-02
3.761	5.54E-04	2.00E-02	2.06E-02
3.653	5.25E-04	2.00E-02	2.05E-02
3.556	4.99E-04	2.00E-02	2.05E-02
3.469	4.75E-04	2.00E-02	2.05E-02
3.391	4.55E-04	2.00E-02	2.05E-02
3.319	4.35E-04	2.00E-02	2.04E-02
3.252	4.17E-04	2.00E-02	2.04E-02
5.201	9.41E-04	2.00E-02	2.09E-02
5.253	9.55E-04	2.00E-02	2.10E-02
5.301	9.68E-04	2.00E-02	2.10E-02
5.347	9.80E-04	2.00E-02	2.10E-02
5.389	9.91E-04	2.00E-02	2.10E-02
5.429	1.00E-03	2.00E-02	2.10E-02
5.469	1.01E-03	2.00E-02	2.10E-02



5.510	1.02E-03	2.00E-02	2.10E-02
5.553	1.04E-03	2.00E-02	2.10E-02
5.601	1.05E-03	2.00E-02	2.10E-02
5.660	1.06E-03	2.00E-02	2.11E-02
5.732	1.08E-03	2.00E-02	2.11E-02
5.823	1.11E-03	2.00E-02	2.11E-02
5.940	1.14E-03	2.00E-02	2.11E-02
6.091	1.18E-03	2.00E-02	2.12E-02
6.289	1.23E-03	2.00E-02	2.12E-02
6.549	1.30E-03	2.00E-02	2.13E-02
6.897	1.40E-03	2.00E-02	2.14E-02
7.374	1.52E-03	2.00E-02	2.15E-02
8.055	1.71E-03	2.00E-02	2.17E-02
9.084	1.98E-03	2.00E-02	2.20E-02
9.170	2.01E-03	2.00E-02	2.20E-02
8.546	1.84E-03	2.00E-02	2.18E-02
8.181	1.74E-03	2.00E-02	2.17E-02
9.635	2.13E-03	2.00E-02	2.21E-02
8.047	1.71E-03	2.00E-02	2.17E-02
7.043	1.44E-03	2.00E-02	2.14E-02
6.337	1.25E-03	2.00E-02	2.12E-02
5.808	1.10E-03	2.00E-02	2.11E-02
5.397	9.93E-04	2.00E-02	2.10E-02
5.061	9.03E-04	2.00E-02	2.09E-02
4.773	8.26E-04	2.00E-02	2.08E-02
4.530	7.60E-04	2.00E-02	2.08E-02
4.327	7.06E-04	2.00E-02	2.07E-02
4.149	6.58E-04	2.00E-02	2.07E-02
3.991	6.16E-04	2.00E-02	2.06E-02
3.851	5.78E-04	2.00E-02	2.06E-02
3.729	5.45E-04	2.00E-02	2.05E-02
3.623	5.17E-04	2.00E-02	2.05E-02
3.526	4.91E-04	2.00E-02	2.05E-02
3.439	4.67E-04	2.00E-02	2.05E-02
3.362	4.47E-04	2.00E-02	2.04E-02
3.290	4.27E-04	2.00E-02	2.04E-02
3.226	4.10E-04	2.00E-02	2.04E-02
5.105	9.15E-04	2.00E-02	2.09E-02
5.142	9.25E-04	2.00E-02	2.09E-02
5.176	9.34E-04	2.00E-02	2.09E-02
5.208	9.43E-04	2.00E-02	2.09E-02
5.239	9.51E-04	2.00E-02	2.10E-02
5.271	9.60E-04	2.00E-02	2.10E-02
5.304	9.69E-04	2.00E-02	2.10E-02
5.342	9.79E-04	2.00E-02	2.10E-02
5.387	9.91E-04	2.00E-02	2.10E-02
5.442	1.01E-03	2.00E-02	2.10E-02
5.513	1.02E-03	2.00E-02	2.10E-02
5.602	1.05E-03	2.00E-02	2.10E-02
5.716	1.08E-03	2.00E-02	2.11E-02
5.862	1.12E-03	2.00E-02	2.11E-02
6.049	1.17E-03	2.00E-02	2.12E-02
6.289	1.23E-03	2.00E-02	2.12E-02
6.604	1.32E-03	2.00E-02	2.13E-02
7.019	1.43E-03	2.00E-02	2.14E-02

7.560	1.57E-03	2.00E-02	2.16E-02
8.234	1.76E-03	2.00E-02	2.18E-02
8.751	1.89E-03	2.00E-02	2.19E-02
8.211	1.75E-03	2.00E-02	2.17E-02
7.321	1.51E-03	2.00E-02	2.15E-02
6.627	1.32E-03	2.00E-02	2.13E-02
6.063	1.17E-03	2.00E-02	2.12E-02
5.616	1.05E-03	2.00E-02	2.11E-02
5.254	9.55E-04	2.00E-02	2.10E-02
4.956	8.75E-04	2.00E-02	2.09E-02
4.698	8.06E-04	2.00E-02	2.08E-02
4.472	7.45E-04	2.00E-02	2.07E-02
4.278	6.93E-04	2.00E-02	2.07E-02
4.109	6.47E-04	2.00E-02	2.06E-02
3.959	6.07E-04	2.00E-02	2.06E-02
3.822	5.70E-04	2.00E-02	2.06E-02
3.703	5.38E-04	2.00E-02	2.05E-02
3.595	5.09E-04	2.00E-02	2.05E-02
3.500	4.84E-04	2.00E-02	2.05E-02
3.414	4.61E-04	2.00E-02	2.05E-02
3.336	4.40E-04	2.00E-02	2.04E-02
3.266	4.21E-04	2.00E-02	2.04E-02
3.202	4.04E-04	2.00E-02	2.04E-02
4.954	8.74E-04	2.00E-02	2.09E-02
4.980	8.81E-04	2.00E-02	2.09E-02
5.005	8.88E-04	2.00E-02	2.09E-02
5.029	8.94E-04	2.00E-02	2.09E-02
5.053	9.01E-04	2.00E-02	2.09E-02
5.079	9.08E-04	2.00E-02	2.09E-02
5.107	9.16E-04	2.00E-02	2.09E-02
5.141	9.25E-04	2.00E-02	2.09E-02
5.183	9.36E-04	2.00E-02	2.09E-02
5.236	9.50E-04	2.00E-02	2.10E-02
5.304	9.68E-04	2.00E-02	2.10E-02
5.388	9.91E-04	2.00E-02	2.10E-02
5.493	1.02E-03	2.00E-02	2.10E-02
5.624	1.05E-03	2.00E-02	2.11E-02
5.784	1.10E-03	2.00E-02	2.11E-02
5.983	1.15E-03	2.00E-02	2.12E-02
6.215	1.21E-03	2.00E-02	2.12E-02
6.459	1.28E-03	2.00E-02	2.13E-02
6.663	1.33E-03	2.00E-02	2.13E-02
6.705	1.35E-03	2.00E-02	2.13E-02
6.486	1.29E-03	2.00E-02	2.13E-02
6.107	1.18E-03	2.00E-02	2.12E-02
5.726	1.08E-03	2.00E-02	2.11E-02
5.390	9.92E-04	2.00E-02	2.10E-02
5.092	9.12E-04	2.00E-02	2.09E-02
4.832	8.42E-04	2.00E-02	2.08E-02
4.602	7.80E-04	2.00E-02	2.08E-02
4.402	7.26E-04	2.00E-02	2.07E-02
4.223	6.78E-04	2.00E-02	2.07E-02
4.065	6.35E-04	2.00E-02	2.06E-02
3.923	5.97E-04	2.00E-02	2.06E-02
3.795	5.63E-04	2.00E-02	2.06E-02

3.676	5.31E-04	2.00E-02	2.05E-02
3.569	5.02E-04	2.00E-02	2.05E-02
3.474	4.77E-04	2.00E-02	2.05E-02
3.391	4.54E-04	2.00E-02	2.05E-02
3.314	4.34E-04	2.00E-02	2.04E-02
3.243	4.15E-04	2.00E-02	2.04E-02
4.817	8.38E-04	2.00E-02	2.08E-02
4.835	8.42E-04	2.00E-02	2.08E-02
4.853	8.47E-04	2.00E-02	2.08E-02
4.873	8.52E-04	2.00E-02	2.09E-02
4.893	8.58E-04	2.00E-02	2.09E-02
4.918	8.65E-04	2.00E-02	2.09E-02
4.949	8.73E-04	2.00E-02	2.09E-02
4.987	8.83E-04	2.00E-02	2.09E-02
5.036	8.96E-04	2.00E-02	2.09E-02
5.097	9.13E-04	2.00E-02	2.09E-02
5.169	9.32E-04	2.00E-02	2.09E-02
5.257	9.56E-04	2.00E-02	2.10E-02
5.359	9.83E-04	2.00E-02	2.10E-02
5.477	1.01E-03	2.00E-02	2.10E-02
5.591	1.05E-03	2.00E-02	2.10E-02
5.691	1.07E-03	2.00E-02	2.11E-02
5.735	1.08E-03	2.00E-02	2.11E-02
5.706	1.08E-03	2.00E-02	2.11E-02
5.568	1.04E-03	2.00E-02	2.10E-02
5.367	9.85E-04	2.00E-02	2.10E-02
5.137	9.24E-04	2.00E-02	2.09E-02
4.905	8.61E-04	2.00E-02	2.09E-02
4.696	8.05E-04	2.00E-02	2.08E-02
4.503	7.53E-04	2.00E-02	2.08E-02
4.324	7.05E-04	2.00E-02	2.07E-02
4.162	6.62E-04	2.00E-02	2.07E-02
4.019	6.23E-04	2.00E-02	2.06E-02
3.884	5.87E-04	2.00E-02	2.06E-02
3.763	5.54E-04	2.00E-02	2.06E-02
3.651	5.24E-04	2.00E-02	2.05E-02
3.548	4.97E-04	2.00E-02	2.05E-02
3.454	4.71E-04	2.00E-02	2.05E-02
3.369	4.49E-04	2.00E-02	2.04E-02
3.294	4.28E-04	2.00E-02	2.04E-02
4.668	7.98E-04	2.00E-02	2.08E-02
4.683	8.01E-04	2.00E-02	2.08E-02
4.697	8.05E-04	2.00E-02	2.08E-02
4.714	8.10E-04	2.00E-02	2.08E-02
4.735	8.16E-04	2.00E-02	2.08E-02
4.762	8.23E-04	2.00E-02	2.08E-02
4.795	8.32E-04	2.00E-02	2.08E-02
4.836	8.43E-04	2.00E-02	2.08E-02
4.883	8.55E-04	2.00E-02	2.09E-02
4.940	8.71E-04	2.00E-02	2.09E-02
5.002	8.87E-04	2.00E-02	2.09E-02
5.064	9.04E-04	2.00E-02	2.09E-02
5.114	9.17E-04	2.00E-02	2.09E-02
5.137	9.24E-04	2.00E-02	2.09E-02
5.138	9.24E-04	2.00E-02	2.09E-02

5.088	9.11E-04	2.00E-02	2.09E-02
4.991	8.84E-04	2.00E-02	2.09E-02
4.858	8.48E-04	2.00E-02	2.08E-02
4.707	8.08E-04	2.00E-02	2.08E-02
4.546	7.65E-04	2.00E-02	2.08E-02
4.386	7.22E-04	2.00E-02	2.07E-02
4.236	6.82E-04	2.00E-02	2.07E-02
4.096	6.44E-04	2.00E-02	2.06E-02
3.963	6.08E-04	2.00E-02	2.06E-02
3.842	5.75E-04	2.00E-02	2.06E-02
3.728	5.45E-04	2.00E-02	2.05E-02
3.623	5.17E-04	2.00E-02	2.05E-02
3.527	4.91E-04	2.00E-02	2.05E-02
3.435	4.66E-04	2.00E-02	2.05E-02
3.352	4.44E-04	2.00E-02	2.04E-02
4.516	7.57E-04	2.00E-02	2.08E-02
4.527	7.60E-04	2.00E-02	2.08E-02
4.541	7.63E-04	2.00E-02	2.08E-02
4.558	7.68E-04	2.00E-02	2.08E-02
4.578	7.73E-04	2.00E-02	2.08E-02
4.602	7.80E-04	2.00E-02	2.08E-02
4.631	7.88E-04	2.00E-02	2.08E-02
4.665	7.97E-04	2.00E-02	2.08E-02
4.699	8.06E-04	2.00E-02	2.08E-02
4.726	8.13E-04	2.00E-02	2.08E-02
4.737	8.16E-04	2.00E-02	2.08E-02
4.737	8.16E-04	2.00E-02	2.08E-02
4.714	8.10E-04	2.00E-02	2.08E-02
4.666	7.97E-04	2.00E-02	2.08E-02
4.592	7.77E-04	2.00E-02	2.08E-02
4.493	7.51E-04	2.00E-02	2.08E-02
4.379	7.20E-04	2.00E-02	2.07E-02
4.258	6.87E-04	2.00E-02	2.07E-02
4.138	6.55E-04	2.00E-02	2.07E-02
4.018	6.23E-04	2.00E-02	2.06E-02
3.906	5.93E-04	2.00E-02	2.06E-02
3.796	5.63E-04	2.00E-02	2.06E-02
3.692	5.35E-04	2.00E-02	2.05E-02
3.595	5.09E-04	2.00E-02	2.05E-02
3.502	4.84E-04	2.00E-02	2.05E-02
3.416	4.61E-04	2.00E-02	2.05E-02
4.372	7.18E-04	2.00E-02	2.07E-02
4.383	7.21E-04	2.00E-02	2.07E-02
4.395	7.24E-04	2.00E-02	2.07E-02
4.412	7.29E-04	2.00E-02	2.07E-02
4.428	7.33E-04	2.00E-02	2.07E-02
4.441	7.36E-04	2.00E-02	2.07E-02
4.446	7.38E-04	2.00E-02	2.07E-02
4.441	7.36E-04	2.00E-02	2.07E-02
4.428	7.33E-04	2.00E-02	2.07E-02
4.396	7.25E-04	2.00E-02	2.07E-02
4.352	7.13E-04	2.00E-02	2.07E-02
4.291	6.96E-04	2.00E-02	2.07E-02
4.213	6.75E-04	2.00E-02	2.07E-02
4.123	6.51E-04	2.00E-02	2.07E-02

4.025	6.25E-04	2.00E-02	2.06E-02
3.931	6.00E-04	2.00E-02	2.06E-02
3.836	5.74E-04	2.00E-02	2.06E-02
3.741	5.48E-04	2.00E-02	2.05E-02
3.649	5.24E-04	2.00E-02	2.05E-02
4.213	6.75E-04	2.00E-02	2.07E-02
4.201	6.72E-04	2.00E-02	2.07E-02
4.180	6.66E-04	2.00E-02	2.07E-02
4.147	6.58E-04	2.00E-02	2.07E-02
4.106	6.47E-04	2.00E-02	2.06E-02
4.055	6.33E-04	2.00E-02	2.06E-02
3.990	6.15E-04	2.00E-02	2.06E-02
3.918	5.96E-04	2.00E-02	2.06E-02
2.141	1.18E-04	2.00E-02	2.01E-02
2.152	1.22E-04	2.00E-02	2.01E-02
2.164	1.25E-04	2.00E-02	2.01E-02
2.177	1.28E-04	2.00E-02	2.01E-02
2.190	1.32E-04	2.00E-02	2.01E-02
2.153	1.22E-04	2.00E-02	2.01E-02
2.165	1.25E-04	2.00E-02	2.01E-02
2.177	1.28E-04	2.00E-02	2.01E-02
2.190	1.32E-04	2.00E-02	2.01E-02
2.204	1.36E-04	2.00E-02	2.01E-02
2.219	1.39E-04	2.00E-02	2.01E-02
2.165	1.25E-04	2.00E-02	2.01E-02
2.177	1.28E-04	2.00E-02	2.01E-02
2.190	1.32E-04	2.00E-02	2.01E-02
2.204	1.35E-04	2.00E-02	2.01E-02
2.218	1.39E-04	2.00E-02	2.01E-02
2.233	1.43E-04	2.00E-02	2.01E-02
2.249	1.48E-04	2.00E-02	2.01E-02
2.178	1.28E-04	2.00E-02	2.01E-02
2.191	1.32E-04	2.00E-02	2.01E-02
2.204	1.35E-04	2.00E-02	2.01E-02
2.218	1.39E-04	2.00E-02	2.01E-02
2.233	1.43E-04	2.00E-02	2.01E-02
2.249	1.47E-04	2.00E-02	2.01E-02
2.265	1.52E-04	2.00E-02	2.02E-02
2.282	1.56E-04	2.00E-02	2.02E-02
2.300	1.61E-04	2.00E-02	2.02E-02
2.190	1.32E-04	2.00E-02	2.01E-02
2.204	1.35E-04	2.00E-02	2.01E-02
2.218	1.39E-04	2.00E-02	2.01E-02
2.232	1.43E-04	2.00E-02	2.01E-02
2.248	1.47E-04	2.00E-02	2.01E-02
2.264	1.52E-04	2.00E-02	2.02E-02
2.281	1.56E-04	2.00E-02	2.02E-02
2.299	1.61E-04	2.00E-02	2.02E-02
2.317	1.66E-04	2.00E-02	2.02E-02
2.337	1.71E-04	2.00E-02	2.02E-02
2.203	1.35E-04	2.00E-02	2.01E-02
2.217	1.39E-04	2.00E-02	2.01E-02
2.232	1.43E-04	2.00E-02	2.01E-02
2.247	1.47E-04	2.00E-02	2.01E-02
2.263	1.51E-04	2.00E-02	2.02E-02

2.279	1.56E-04	2.00E-02	2.02E-02
2.297	1.60E-04	2.00E-02	2.02E-02
2.315	1.65E-04	2.00E-02	2.02E-02
2.335	1.71E-04	2.00E-02	2.02E-02
2.355	1.76E-04	2.00E-02	2.02E-02
2.376	1.82E-04	2.00E-02	2.02E-02
2.216	1.39E-04	2.00E-02	2.01E-02
2.230	1.42E-04	2.00E-02	2.01E-02
2.245	1.47E-04	2.00E-02	2.01E-02
2.261	1.51E-04	2.00E-02	2.02E-02
2.278	1.55E-04	2.00E-02	2.02E-02
2.295	1.60E-04	2.00E-02	2.02E-02
2.313	1.65E-04	2.00E-02	2.02E-02
2.332	1.70E-04	2.00E-02	2.02E-02
2.352	1.75E-04	2.00E-02	2.02E-02
2.373	1.81E-04	2.00E-02	2.02E-02
2.395	1.87E-04	2.00E-02	2.02E-02
2.418	1.93E-04	2.00E-02	2.02E-02
2.229	1.42E-04	2.00E-02	2.01E-02
2.244	1.46E-04	2.00E-02	2.01E-02
2.259	1.50E-04	2.00E-02	2.02E-02
2.275	1.55E-04	2.00E-02	2.02E-02
2.292	1.59E-04	2.00E-02	2.02E-02
2.311	1.64E-04	2.00E-02	2.02E-02
2.329	1.69E-04	2.00E-02	2.02E-02
2.349	1.74E-04	2.00E-02	2.02E-02
2.369	1.80E-04	2.00E-02	2.02E-02
2.391	1.86E-04	2.00E-02	2.02E-02
2.414	1.92E-04	2.00E-02	2.02E-02
2.438	1.98E-04	2.00E-02	2.02E-02
2.463	2.05E-04	2.00E-02	2.02E-02
2.490	2.12E-04	2.00E-02	2.02E-02
2.242	1.46E-04	2.00E-02	2.01E-02
2.257	1.50E-04	2.00E-02	2.01E-02
2.273	1.54E-04	2.00E-02	2.02E-02
2.290	1.59E-04	2.00E-02	2.02E-02
2.307	1.63E-04	2.00E-02	2.02E-02
2.326	1.68E-04	2.00E-02	2.02E-02
2.345	1.73E-04	2.00E-02	2.02E-02
2.365	1.79E-04	2.00E-02	2.02E-02
2.387	1.85E-04	2.00E-02	2.02E-02
2.409	1.91E-04	2.00E-02	2.02E-02
2.433	1.97E-04	2.00E-02	2.02E-02
2.457	2.04E-04	2.00E-02	2.02E-02
2.483	2.11E-04	2.00E-02	2.02E-02
2.511	2.18E-04	2.00E-02	2.02E-02
2.540	2.26E-04	2.00E-02	2.02E-02
2.255	1.49E-04	2.00E-02	2.01E-02
2.271	1.53E-04	2.00E-02	2.02E-02
2.287	1.58E-04	2.00E-02	2.02E-02
2.305	1.62E-04	2.00E-02	2.02E-02
2.323	1.67E-04	2.00E-02	2.02E-02
2.342	1.72E-04	2.00E-02	2.02E-02
2.361	1.78E-04	2.00E-02	2.02E-02
2.382	1.83E-04	2.00E-02	2.02E-02

2.404	1.89E-04	2.00E-02	2.02E-02
2.427	1.95E-04	2.00E-02	2.02E-02
2.451	2.02E-04	2.00E-02	2.02E-02
2.477	2.09E-04	2.00E-02	2.02E-02
2.503	2.16E-04	2.00E-02	2.02E-02
2.532	2.23E-04	2.00E-02	2.02E-02
2.561	2.31E-04	2.00E-02	2.02E-02
2.593	2.40E-04	2.00E-02	2.02E-02
2.268	1.53E-04	2.00E-02	2.02E-02
2.284	1.57E-04	2.00E-02	2.02E-02
2.301	1.61E-04	2.00E-02	2.02E-02
2.319	1.66E-04	2.00E-02	2.02E-02
2.337	1.71E-04	2.00E-02	2.02E-02
2.357	1.76E-04	2.00E-02	2.02E-02
2.377	1.82E-04	2.00E-02	2.02E-02
2.398	1.88E-04	2.00E-02	2.02E-02
2.421	1.94E-04	2.00E-02	2.02E-02
2.445	2.00E-04	2.00E-02	2.02E-02
2.469	2.07E-04	2.00E-02	2.02E-02
2.495	2.14E-04	2.00E-02	2.02E-02
2.523	2.21E-04	2.00E-02	2.02E-02
2.552	2.29E-04	2.00E-02	2.02E-02
2.582	2.37E-04	2.00E-02	2.02E-02
2.615	2.46E-04	2.00E-02	2.02E-02
2.649	2.55E-04	2.00E-02	2.03E-02
2.280	1.56E-04	2.00E-02	2.02E-02
2.297	1.60E-04	2.00E-02	2.02E-02
2.315	1.65E-04	2.00E-02	2.02E-02
2.333	1.70E-04	2.00E-02	2.02E-02
2.352	1.75E-04	2.00E-02	2.02E-02
2.372	1.81E-04	2.00E-02	2.02E-02
2.392	1.86E-04	2.00E-02	2.02E-02
2.415	1.92E-04	2.00E-02	2.02E-02
2.438	1.98E-04	2.00E-02	2.02E-02
2.462	2.05E-04	2.00E-02	2.02E-02
2.487	2.12E-04	2.00E-02	2.02E-02
2.514	2.19E-04	2.00E-02	2.02E-02
2.542	2.26E-04	2.00E-02	2.02E-02
2.571	2.34E-04	2.00E-02	2.02E-02
2.603	2.43E-04	2.00E-02	2.02E-02
2.636	2.51E-04	2.00E-02	2.03E-02
2.670	2.61E-04	2.00E-02	2.03E-02
2.707	2.71E-04	2.00E-02	2.03E-02
2.293	1.59E-04	2.00E-02	2.02E-02
2.310	1.64E-04	2.00E-02	2.02E-02
2.328	1.69E-04	2.00E-02	2.02E-02
2.347	1.74E-04	2.00E-02	2.02E-02
2.366	1.79E-04	2.00E-02	2.02E-02
2.387	1.85E-04	2.00E-02	2.02E-02
2.408	1.90E-04	2.00E-02	2.02E-02
2.430	1.96E-04	2.00E-02	2.02E-02
2.454	2.03E-04	2.00E-02	2.02E-02
2.478	2.09E-04	2.00E-02	2.02E-02
2.504	2.16E-04	2.00E-02	2.02E-02
2.532	2.23E-04	2.00E-02	2.02E-02

2.560	2.31E-04	2.00E-02	2.02E-02
2.590	2.39E-04	2.00E-02	2.02E-02
2.622	2.48E-04	2.00E-02	2.02E-02
2.656	2.57E-04	2.00E-02	2.03E-02
2.691	2.66E-04	2.00E-02	2.03E-02
2.729	2.76E-04	2.00E-02	2.03E-02
2.768	2.87E-04	2.00E-02	2.03E-02
2.811	2.98E-04	2.00E-02	2.03E-02
2.306	1.63E-04	2.00E-02	2.02E-02
2.323	1.67E-04	2.00E-02	2.02E-02
2.341	1.72E-04	2.00E-02	2.02E-02
2.360	1.77E-04	2.00E-02	2.02E-02
2.380	1.83E-04	2.00E-02	2.02E-02
2.401	1.88E-04	2.00E-02	2.02E-02
2.423	1.94E-04	2.00E-02	2.02E-02
2.446	2.00E-04	2.00E-02	2.02E-02
2.470	2.07E-04	2.00E-02	2.02E-02
2.495	2.14E-04	2.00E-02	2.02E-02
2.521	2.21E-04	2.00E-02	2.02E-02
2.549	2.28E-04	2.00E-02	2.02E-02
2.578	2.36E-04	2.00E-02	2.02E-02
2.609	2.44E-04	2.00E-02	2.02E-02
2.641	2.53E-04	2.00E-02	2.03E-02
2.675	2.62E-04	2.00E-02	2.03E-02
2.711	2.72E-04	2.00E-02	2.03E-02
2.749	2.82E-04	2.00E-02	2.03E-02
2.789	2.93E-04	2.00E-02	2.03E-02
2.831	3.04E-04	2.00E-02	2.03E-02
2.877	3.16E-04	2.00E-02	2.03E-02
2.318	1.66E-04	2.00E-02	2.02E-02
2.336	1.71E-04	2.00E-02	2.02E-02
2.354	1.76E-04	2.00E-02	2.02E-02
2.374	1.81E-04	2.00E-02	2.02E-02
2.394	1.86E-04	2.00E-02	2.02E-02
2.415	1.92E-04	2.00E-02	2.02E-02
2.437	1.98E-04	2.00E-02	2.02E-02
2.460	2.04E-04	2.00E-02	2.02E-02
2.485	2.11E-04	2.00E-02	2.02E-02
2.510	2.18E-04	2.00E-02	2.02E-02
2.537	2.25E-04	2.00E-02	2.02E-02
2.565	2.32E-04	2.00E-02	2.02E-02
2.595	2.40E-04	2.00E-02	2.02E-02
2.626	2.49E-04	2.00E-02	2.02E-02
2.659	2.58E-04	2.00E-02	2.03E-02
2.692	2.67E-04	2.00E-02	2.03E-02
2.729	2.77E-04	2.00E-02	2.03E-02
2.768	2.87E-04	2.00E-02	2.03E-02
2.808	2.98E-04	2.00E-02	2.03E-02
2.851	3.09E-04	2.00E-02	2.03E-02
2.896	3.21E-04	2.00E-02	2.03E-02
2.944	3.34E-04	2.00E-02	2.03E-02
2.330	1.69E-04	2.00E-02	2.02E-02
2.348	1.74E-04	2.00E-02	2.02E-02
2.367	1.79E-04	2.00E-02	2.02E-02
2.386	1.84E-04	2.00E-02	2.02E-02



2.407	1.90E-04	2.00E-02	2.02E-02
2.429	1.96E-04	2.00E-02	2.02E-02
2.451	2.02E-04	2.00E-02	2.02E-02
2.475	2.08E-04	2.00E-02	2.02E-02
2.499	2.15E-04	2.00E-02	2.02E-02
2.525	2.22E-04	2.00E-02	2.02E-02
2.552	2.29E-04	2.00E-02	2.02E-02
2.581	2.37E-04	2.00E-02	2.02E-02
2.610	2.45E-04	2.00E-02	2.02E-02
2.642	2.53E-04	2.00E-02	2.03E-02
2.675	2.62E-04	2.00E-02	2.03E-02
2.710	2.71E-04	2.00E-02	2.03E-02
2.746	2.81E-04	2.00E-02	2.03E-02
2.785	2.91E-04	2.00E-02	2.03E-02
2.825	3.02E-04	2.00E-02	2.03E-02
2.868	3.14E-04	2.00E-02	2.03E-02
2.913	3.26E-04	2.00E-02	2.03E-02
2.961	3.39E-04	2.00E-02	2.03E-02
3.012	3.52E-04	2.00E-02	2.04E-02
2.360	1.77E-04	2.00E-02	2.02E-02
2.379	1.83E-04	2.00E-02	2.02E-02
2.399	1.88E-04	2.00E-02	2.02E-02
2.420	1.93E-04	2.00E-02	2.02E-02
2.442	1.99E-04	2.00E-02	2.02E-02
2.465	2.06E-04	2.00E-02	2.02E-02
2.489	2.12E-04	2.00E-02	2.02E-02
2.514	2.19E-04	2.00E-02	2.02E-02
2.539	2.26E-04	2.00E-02	2.02E-02
2.567	2.33E-04	2.00E-02	2.02E-02
2.596	2.41E-04	2.00E-02	2.02E-02
2.626	2.49E-04	2.00E-02	2.02E-02
2.657	2.57E-04	2.00E-02	2.03E-02
2.690	2.66E-04	2.00E-02	2.03E-02
2.726	2.76E-04	2.00E-02	2.03E-02
2.762	2.85E-04	2.00E-02	2.03E-02
2.800	2.96E-04	2.00E-02	2.03E-02
2.841	3.07E-04	2.00E-02	2.03E-02
2.884	3.18E-04	2.00E-02	2.03E-02
2.929	3.30E-04	2.00E-02	2.03E-02
2.976	3.43E-04	2.00E-02	2.03E-02
3.027	3.56E-04	2.00E-02	2.04E-02
3.079	3.71E-04	2.00E-02	2.04E-02
3.135	3.86E-04	2.00E-02	2.04E-02
2.391	1.86E-04	2.00E-02	2.02E-02
2.411	1.91E-04	2.00E-02	2.02E-02
2.433	1.97E-04	2.00E-02	2.02E-02
2.455	2.03E-04	2.00E-02	2.02E-02
2.478	2.09E-04	2.00E-02	2.02E-02
2.502	2.15E-04	2.00E-02	2.02E-02
2.527	2.22E-04	2.00E-02	2.02E-02
2.553	2.29E-04	2.00E-02	2.02E-02
2.581	2.37E-04	2.00E-02	2.02E-02
2.609	2.44E-04	2.00E-02	2.02E-02
2.640	2.53E-04	2.00E-02	2.03E-02
2.672	2.61E-04	2.00E-02	2.03E-02

2.705	2.70E-04	2.00E-02	2.03E-02
2.740	2.79E-04	2.00E-02	2.03E-02
2.777	2.89E-04	2.00E-02	2.03E-02
2.815	3.00E-04	2.00E-02	2.03E-02
2.855	3.10E-04	2.00E-02	2.03E-02
2.898	3.22E-04	2.00E-02	2.03E-02
2.943	3.34E-04	2.00E-02	2.03E-02
2.989	3.46E-04	2.00E-02	2.03E-02
3.039	3.60E-04	2.00E-02	2.04E-02
3.091	3.74E-04	2.00E-02	2.04E-02
2.423	1.94E-04	2.00E-02	2.02E-02
2.444	2.00E-04	2.00E-02	2.02E-02
2.467	2.06E-04	2.00E-02	2.02E-02
2.490	2.12E-04	2.00E-02	2.02E-02
2.514	2.19E-04	2.00E-02	2.02E-02
2.539	2.26E-04	2.00E-02	2.02E-02
2.566	2.33E-04	2.00E-02	2.02E-02
2.594	2.40E-04	2.00E-02	2.02E-02
2.622	2.48E-04	2.00E-02	2.02E-02
2.653	2.56E-04	2.00E-02	2.03E-02
2.685	2.65E-04	2.00E-02	2.03E-02
2.718	2.74E-04	2.00E-02	2.03E-02
2.753	2.83E-04	2.00E-02	2.03E-02
2.789	2.93E-04	2.00E-02	2.03E-02
2.828	3.03E-04	2.00E-02	2.03E-02
2.868	3.14E-04	2.00E-02	2.03E-02
2.910	3.25E-04	2.00E-02	2.03E-02
2.954	3.37E-04	2.00E-02	2.03E-02
3.001	3.49E-04	2.00E-02	2.03E-02
3.049	3.63E-04	2.00E-02	2.04E-02
3.101	3.76E-04	2.00E-02	2.04E-02
2.456	2.03E-04	2.00E-02	2.02E-02
2.478	2.09E-04	2.00E-02	2.02E-02
2.501	2.15E-04	2.00E-02	2.02E-02
2.526	2.22E-04	2.00E-02	2.02E-02
2.551	2.29E-04	2.00E-02	2.02E-02
2.577	2.36E-04	2.00E-02	2.02E-02
2.606	2.43E-04	2.00E-02	2.02E-02
2.635	2.51E-04	2.00E-02	2.03E-02
2.665	2.59E-04	2.00E-02	2.03E-02
2.696	2.68E-04	2.00E-02	2.03E-02
2.730	2.77E-04	2.00E-02	2.03E-02
2.765	2.86E-04	2.00E-02	2.03E-02
2.801	2.96E-04	2.00E-02	2.03E-02
2.839	3.06E-04	2.00E-02	2.03E-02
2.879	3.17E-04	2.00E-02	2.03E-02
2.921	3.28E-04	2.00E-02	2.03E-02
2.964	3.40E-04	2.00E-02	2.03E-02
3.010	3.52E-04	2.00E-02	2.04E-02
3.058	3.65E-04	2.00E-02	2.04E-02
2.489	2.12E-04	2.00E-02	2.02E-02
2.512	2.18E-04	2.00E-02	2.02E-02
2.537	2.25E-04	2.00E-02	2.02E-02
2.562	2.32E-04	2.00E-02	2.02E-02
2.589	2.39E-04	2.00E-02	2.02E-02

2.616	2.46E-04	2.00E-02	2.02E-02
2.645	2.54E-04	2.00E-02	2.03E-02
2.676	2.62E-04	2.00E-02	2.03E-02
2.708	2.71E-04	2.00E-02	2.03E-02
2.741	2.80E-04	2.00E-02	2.03E-02
2.775	2.89E-04	2.00E-02	2.03E-02
2.811	2.99E-04	2.00E-02	2.03E-02
2.849	3.09E-04	2.00E-02	2.03E-02
2.888	3.19E-04	2.00E-02	2.03E-02
2.929	3.30E-04	2.00E-02	2.03E-02
2.972	3.42E-04	2.00E-02	2.03E-02
3.017	3.54E-04	2.00E-02	2.04E-02
2.547	2.28E-04	2.00E-02	2.02E-02
2.572	2.34E-04	2.00E-02	2.02E-02
2.599	2.42E-04	2.00E-02	2.02E-02
2.627	2.49E-04	2.00E-02	2.02E-02
2.656	2.57E-04	2.00E-02	2.03E-02
2.686	2.65E-04	2.00E-02	2.03E-02
2.717	2.73E-04	2.00E-02	2.03E-02
2.750	2.82E-04	2.00E-02	2.03E-02
2.784	2.91E-04	2.00E-02	2.03E-02
2.820	3.01E-04	2.00E-02	2.03E-02
2.857	3.11E-04	2.00E-02	2.03E-02
2.896	3.21E-04	2.00E-02	2.03E-02
2.936	3.32E-04	2.00E-02	2.03E-02
2.978	3.44E-04	2.00E-02	2.03E-02
3.022	3.55E-04	2.00E-02	2.04E-02
2.582	2.37E-04	2.00E-02	2.02E-02
2.608	2.44E-04	2.00E-02	2.02E-02
2.636	2.51E-04	2.00E-02	2.03E-02
2.664	2.59E-04	2.00E-02	2.03E-02
2.694	2.67E-04	2.00E-02	2.03E-02
2.726	2.76E-04	2.00E-02	2.03E-02
2.758	2.84E-04	2.00E-02	2.03E-02
2.792	2.93E-04	2.00E-02	2.03E-02
2.827	3.03E-04	2.00E-02	2.03E-02
2.864	3.13E-04	2.00E-02	2.03E-02
2.902	3.23E-04	2.00E-02	2.03E-02
2.941	3.34E-04	2.00E-02	2.03E-02
2.983	3.45E-04	2.00E-02	2.03E-02
2.616	2.46E-04	2.00E-02	2.02E-02
2.644	2.54E-04	2.00E-02	2.03E-02
2.672	2.61E-04	2.00E-02	2.03E-02
2.702	2.69E-04	2.00E-02	2.03E-02
2.733	2.77E-04	2.00E-02	2.03E-02
2.765	2.86E-04	2.00E-02	2.03E-02
2.798	2.95E-04	2.00E-02	2.03E-02
2.833	3.04E-04	2.00E-02	2.03E-02
2.869	3.14E-04	2.00E-02	2.03E-02
2.906	3.24E-04	2.00E-02	2.03E-02
2.945	3.34E-04	2.00E-02	2.03E-02
2.651	2.55E-04	2.00E-02	2.03E-02
2.679	2.63E-04	2.00E-02	2.03E-02
2.708	2.71E-04	2.00E-02	2.03E-02
2.739	2.79E-04	2.00E-02	2.03E-02

2.770	2.88E-04	2.00E-02	2.03E-02
2.803	2.96E-04	2.00E-02	2.03E-02
2.837	3.05E-04	2.00E-02	2.03E-02
2.872	3.15E-04	2.00E-02	2.03E-02
2.909	3.25E-04	2.00E-02	2.03E-02
2.947	3.35E-04	2.00E-02	2.03E-02
2.685	2.65E-04	2.00E-02	2.03E-02
2.713	2.72E-04	2.00E-02	2.03E-02
2.743	2.80E-04	2.00E-02	2.03E-02
2.774	2.89E-04	2.00E-02	2.03E-02
2.807	2.97E-04	2.00E-02	2.03E-02
2.840	3.06E-04	2.00E-02	2.03E-02
2.875	3.16E-04	2.00E-02	2.03E-02
2.910	3.25E-04	2.00E-02	2.03E-02
2.747	2.81E-04	2.00E-02	2.03E-02
2.777	2.89E-04	2.00E-02	2.03E-02
2.809	2.98E-04	2.00E-02	2.03E-02
2.842	3.07E-04	2.00E-02	2.03E-02
2.875	3.16E-04	2.00E-02	2.03E-02
2.779	2.90E-04	2.00E-02	2.03E-02
2.810	2.98E-04	2.00E-02	2.03E-02
2.842	3.07E-04	2.00E-02	2.03E-02
2.875	3.16E-04	2.00E-02	2.03E-02
2.810	2.98E-04	2.00E-02	2.03E-02
2.841	3.07E-04	2.00E-02	2.03E-02
27.051	6.81E-03	2.00E-02	2.68E-02
20.406	5.03E-03	2.00E-02	2.50E-02
45.013	1.16E-02	2.00E-02	3.16E-02
20.977	5.18E-03	2.00E-02	2.52E-02

		<b>Max Cancer Risk</b>	<b>Max Chronic HI</b>
		6.8885	0.0214
<b>Y</b>	<b>Receptor Type</b>	<b>Cancer Risk (per Million)</b>	<b>Chronic Hazard Index</b>
4130005	RESIDENT	6.52	2.13E-02
4130015	RESIDENT	6.35	2.12E-02
4130015	RESIDENT	6.08	2.12E-02
4130025	RESIDENT	6.48	2.13E-02
4130025	RESIDENT	6.18	2.12E-02
4130025	RESIDENT	5.92	2.11E-02
4130025	RESIDENT	5.68	2.11E-02
4130035	RESIDENT	6.65	2.13E-02
4130035	RESIDENT	6.31	2.12E-02
4130035	RESIDENT	6.02	2.12E-02
4130035	RESIDENT	5.76	2.11E-02
4130035	RESIDENT	5.52	2.10E-02
4130035	RESIDENT	5.31	2.10E-02
4130035	RESIDENT	5.12	2.09E-02
4130045	RESIDENT	6.89	2.14E-02
4130045	RESIDENT	6.49	2.13E-02
4130045	RESIDENT	6.15	2.12E-02
4130045	RESIDENT	5.85	2.11E-02
4130045	RESIDENT	5.59	2.10E-02
4130045	RESIDENT	5.36	2.10E-02
4130045	RESIDENT	5.16	2.09E-02
4130045	RESIDENT	4.97	2.09E-02
4130045	RESIDENT	4.80	2.08E-02
4130055	RESIDENT	6.72	2.13E-02
4130055	RESIDENT	6.31	2.12E-02
4130055	RESIDENT	5.97	2.11E-02
4130055	RESIDENT	5.67	2.11E-02
4130055	RESIDENT	5.42	2.10E-02
4130055	RESIDENT	5.20	2.09E-02
4130055	RESIDENT	5.00	2.09E-02
4130055	RESIDENT	4.82	2.08E-02
4130055	RESIDENT	4.66	2.08E-02
4130055	RESIDENT	4.52	2.08E-02
4130065	RESIDENT	6.10	2.12E-02
4130065	RESIDENT	5.77	2.11E-02
4130065	RESIDENT	5.49	2.10E-02
4130065	RESIDENT	5.25	2.10E-02
4130065	RESIDENT	5.04	2.09E-02
4130065	RESIDENT	4.85	2.08E-02
4130065	RESIDENT	4.68	2.08E-02
4130065	RESIDENT	4.53	2.08E-02

4130065	RESIDENT	4.39	2.07E-02
4130065	RESIDENT	4.27	2.07E-02
4130075	RESIDENT	5.30	2.10E-02
4130075	RESIDENT	5.07	2.09E-02
4130075	RESIDENT	4.87	2.09E-02
4130075	RESIDENT	4.70	2.08E-02
4130075	RESIDENT	4.54	2.08E-02
4130075	RESIDENT	4.40	2.07E-02
4130075	RESIDENT	4.27	2.07E-02
4130075	RESIDENT	4.15	2.07E-02
4130085	RESIDENT	4.90	2.09E-02
4130085	RESIDENT	4.72	2.08E-02
4130085	RESIDENT	4.55	2.08E-02
4130085	RESIDENT	4.41	2.07E-02
4130085	RESIDENT	4.27	2.07E-02
4130085	RESIDENT	4.15	2.07E-02
4130085	RESIDENT	4.04	2.06E-02
4130095	RESIDENT	4.57	2.08E-02
4130095	RESIDENT	4.41	2.07E-02
4130095	RESIDENT	4.28	2.07E-02
4130095	RESIDENT	4.15	2.07E-02
4130095	RESIDENT	4.04	2.06E-02
4130095	RESIDENT	3.93	2.06E-02
4130105	RESIDENT	4.28	2.07E-02
4130105	RESIDENT	4.16	2.07E-02
4130105	RESIDENT	4.04	2.06E-02
4130105	RESIDENT	3.93	2.06E-02
4130115	RESIDENT	4.04	2.06E-02
4130115	RESIDENT	3.93	2.06E-02
4130115	RESIDENT	3.83	2.06E-02
4130031	RESIDENT	2.14	2.01E-02
4130031	RESIDENT	2.15	2.01E-02
4130031	RESIDENT	2.16	2.01E-02
4130031	RESIDENT	2.18	2.01E-02
4130031	RESIDENT	2.19	2.01E-02
4130041	RESIDENT	2.15	2.01E-02
4130041	RESIDENT	2.16	2.01E-02
4130041	RESIDENT	2.18	2.01E-02
4130041	RESIDENT	2.19	2.01E-02
4130041	RESIDENT	2.20	2.01E-02
4130041	RESIDENT	2.22	2.01E-02
4130051	RESIDENT	2.16	2.01E-02
4130051	RESIDENT	2.18	2.01E-02
4130051	RESIDENT	2.19	2.01E-02
4130051	RESIDENT	2.20	2.01E-02
4130051	RESIDENT	2.22	2.01E-02
4130051	RESIDENT	2.23	2.01E-02
4130051	RESIDENT	2.25	2.01E-02
4130061	RESIDENT	2.18	2.01E-02
4130061	RESIDENT	2.19	2.01E-02
4130061	RESIDENT	2.20	2.01E-02
4130061	RESIDENT	2.22	2.01E-02
4130061	RESIDENT	2.23	2.01E-02
4130061	RESIDENT	2.25	2.01E-02
4130061	RESIDENT	2.27	2.02E-02

4130061	RESIDENT	2.28	2.02E-02
4130061	RESIDENT	2.30	2.02E-02
4130071	RESIDENT	2.19	2.01E-02
4130071	RESIDENT	2.20	2.01E-02
4130071	RESIDENT	2.22	2.01E-02
4130071	RESIDENT	2.23	2.01E-02
4130071	RESIDENT	2.25	2.01E-02
4130071	RESIDENT	2.26	2.02E-02
4130071	RESIDENT	2.28	2.02E-02
4130071	RESIDENT	2.30	2.02E-02
4130071	RESIDENT	2.32	2.02E-02
4130071	RESIDENT	2.34	2.02E-02
4130081	RESIDENT	2.20	2.01E-02
4130081	RESIDENT	2.22	2.01E-02
4130081	RESIDENT	2.23	2.01E-02
4130081	RESIDENT	2.25	2.01E-02
4130081	RESIDENT	2.26	2.02E-02
4130081	RESIDENT	2.28	2.02E-02
4130081	RESIDENT	2.30	2.02E-02
4130081	RESIDENT	2.32	2.02E-02
4130081	RESIDENT	2.33	2.02E-02
4130081	RESIDENT	2.35	2.02E-02
4130081	RESIDENT	2.38	2.02E-02
4130091	RESIDENT	2.22	2.01E-02
4130091	RESIDENT	2.23	2.01E-02
4130091	RESIDENT	2.25	2.01E-02
4130091	RESIDENT	2.26	2.02E-02
4130091	RESIDENT	2.28	2.02E-02
4130091	RESIDENT	2.29	2.02E-02
4130091	RESIDENT	2.31	2.02E-02
4130091	RESIDENT	2.33	2.02E-02
4130091	RESIDENT	2.35	2.02E-02
4130091	RESIDENT	2.37	2.02E-02
4130091	RESIDENT	2.40	2.02E-02
4130091	RESIDENT	2.42	2.02E-02
4130101	RESIDENT	2.23	2.01E-02
4130101	RESIDENT	2.24	2.01E-02
4130101	RESIDENT	2.26	2.02E-02
4130101	RESIDENT	2.28	2.02E-02
4130101	RESIDENT	2.29	2.02E-02
4130101	RESIDENT	2.31	2.02E-02
4130101	RESIDENT	2.33	2.02E-02
4130101	RESIDENT	2.35	2.02E-02
4130101	RESIDENT	2.37	2.02E-02
4130101	RESIDENT	2.39	2.02E-02
4130101	RESIDENT	2.41	2.02E-02
4130101	RESIDENT	2.44	2.02E-02
4130101	RESIDENT	2.46	2.02E-02
4130101	RESIDENT	2.49	2.02E-02
4130111	RESIDENT	2.24	2.01E-02
4130111	RESIDENT	2.26	2.01E-02
4130111	RESIDENT	2.27	2.02E-02
4130111	RESIDENT	2.29	2.02E-02
4130111	RESIDENT	2.31	2.02E-02
4130111	RESIDENT	2.33	2.02E-02

4130111	RESIDENT	2.35	2.02E-02
4130111	RESIDENT	2.37	2.02E-02
4130111	RESIDENT	2.39	2.02E-02
4130111	RESIDENT	2.41	2.02E-02
4130111	RESIDENT	2.43	2.02E-02
4130111	RESIDENT	2.46	2.02E-02
4130111	RESIDENT	2.48	2.02E-02
4130111	RESIDENT	2.51	2.02E-02
4130111	RESIDENT	2.54	2.02E-02
4130121	RESIDENT	2.25	2.01E-02
4130121	RESIDENT	2.27	2.02E-02
4130121	RESIDENT	2.29	2.02E-02
4130121	RESIDENT	2.30	2.02E-02
4130121	RESIDENT	2.32	2.02E-02
4130121	RESIDENT	2.34	2.02E-02
4130121	RESIDENT	2.36	2.02E-02
4130121	RESIDENT	2.38	2.02E-02
4130121	RESIDENT	2.40	2.02E-02
4130121	RESIDENT	2.43	2.02E-02
4130121	RESIDENT	2.45	2.02E-02
4130121	RESIDENT	2.48	2.02E-02
4130121	RESIDENT	2.50	2.02E-02
4130121	RESIDENT	2.53	2.02E-02
4130121	RESIDENT	2.56	2.02E-02
4130121	RESIDENT	2.59	2.02E-02
4130131	RESIDENT	2.27	2.02E-02
4130131	RESIDENT	2.28	2.02E-02
4130131	RESIDENT	2.30	2.02E-02
4130131	RESIDENT	2.32	2.02E-02
4130131	RESIDENT	2.34	2.02E-02
4130131	RESIDENT	2.36	2.02E-02
4130131	RESIDENT	2.38	2.02E-02
4130131	RESIDENT	2.40	2.02E-02
4130131	RESIDENT	2.42	2.02E-02
4130131	RESIDENT	2.44	2.02E-02
4130131	RESIDENT	2.47	2.02E-02
4130131	RESIDENT	2.50	2.02E-02
4130131	RESIDENT	2.52	2.02E-02
4130131	RESIDENT	2.55	2.02E-02
4130131	RESIDENT	2.58	2.02E-02
4130131	RESIDENT	2.61	2.02E-02
4130131	RESIDENT	2.65	2.03E-02
4130141	RESIDENT	2.28	2.02E-02
4130141	RESIDENT	2.30	2.02E-02
4130141	RESIDENT	2.31	2.02E-02
4130141	RESIDENT	2.33	2.02E-02
4130141	RESIDENT	2.35	2.02E-02
4130141	RESIDENT	2.37	2.02E-02
4130141	RESIDENT	2.39	2.02E-02
4130141	RESIDENT	2.41	2.02E-02
4130141	RESIDENT	2.44	2.02E-02
4130141	RESIDENT	2.46	2.02E-02
4130141	RESIDENT	2.49	2.02E-02
4130141	RESIDENT	2.51	2.02E-02
4130141	RESIDENT	2.54	2.02E-02



4130141	RESIDENT	2.57	2.02E-02
4130141	RESIDENT	2.60	2.02E-02
4130141	RESIDENT	2.64	2.03E-02
4130141	RESIDENT	2.67	2.03E-02
4130141	RESIDENT	2.71	2.03E-02
4130151	RESIDENT	2.29	2.02E-02
4130151	RESIDENT	2.31	2.02E-02
4130151	RESIDENT	2.33	2.02E-02
4130151	RESIDENT	2.35	2.02E-02
4130151	RESIDENT	2.37	2.02E-02
4130151	RESIDENT	2.39	2.02E-02
4130151	RESIDENT	2.41	2.02E-02
4130151	RESIDENT	2.43	2.02E-02
4130151	RESIDENT	2.45	2.02E-02
4130151	RESIDENT	2.48	2.02E-02
4130151	RESIDENT	2.50	2.02E-02
4130151	RESIDENT	2.53	2.02E-02
4130151	RESIDENT	2.56	2.02E-02
4130151	RESIDENT	2.59	2.02E-02
4130151	RESIDENT	2.62	2.02E-02
4130151	RESIDENT	2.66	2.03E-02
4130151	RESIDENT	2.69	2.03E-02
4130151	RESIDENT	2.73	2.03E-02
4130151	RESIDENT	2.77	2.03E-02
4130151	RESIDENT	2.81	2.03E-02
4130161	RESIDENT	2.31	2.02E-02
4130161	RESIDENT	2.32	2.02E-02
4130161	RESIDENT	2.34	2.02E-02
4130161	RESIDENT	2.36	2.02E-02
4130161	RESIDENT	2.38	2.02E-02
4130161	RESIDENT	2.40	2.02E-02
4130161	RESIDENT	2.42	2.02E-02
4130161	RESIDENT	2.45	2.02E-02
4130161	RESIDENT	2.47	2.02E-02
4130161	RESIDENT	2.49	2.02E-02
4130161	RESIDENT	2.52	2.02E-02
4130161	RESIDENT	2.55	2.02E-02
4130161	RESIDENT	2.58	2.02E-02
4130161	RESIDENT	2.61	2.02E-02
4130161	RESIDENT	2.64	2.03E-02
4130161	RESIDENT	2.67	2.03E-02
4130161	RESIDENT	2.71	2.03E-02
4130161	RESIDENT	2.75	2.03E-02
4130161	RESIDENT	2.79	2.03E-02
4130161	RESIDENT	2.83	2.03E-02
4130161	RESIDENT	2.88	2.03E-02
4130171	RESIDENT	2.32	2.02E-02
4130171	RESIDENT	2.34	2.02E-02
4130171	RESIDENT	2.35	2.02E-02
4130171	RESIDENT	2.37	2.02E-02
4130171	RESIDENT	2.39	2.02E-02
4130171	RESIDENT	2.41	2.02E-02
4130171	RESIDENT	2.44	2.02E-02
4130171	RESIDENT	2.46	2.02E-02
4130171	RESIDENT	2.48	2.02E-02

4130171	RESIDENT	2.51	2.02E-02
4130171	RESIDENT	2.54	2.02E-02
4130171	RESIDENT	2.56	2.02E-02
4130171	RESIDENT	2.59	2.02E-02
4130171	RESIDENT	2.63	2.02E-02
4130171	RESIDENT	2.66	2.03E-02
4130171	RESIDENT	2.69	2.03E-02
4130171	RESIDENT	2.73	2.03E-02
4130171	RESIDENT	2.77	2.03E-02
4130171	RESIDENT	2.81	2.03E-02
4130171	RESIDENT	2.85	2.03E-02
4130171	RESIDENT	2.90	2.03E-02
4130171	RESIDENT	2.94	2.03E-02
4130181	RESIDENT	2.33	2.02E-02
4130181	RESIDENT	2.35	2.02E-02
4130181	RESIDENT	2.37	2.02E-02
4130181	RESIDENT	2.39	2.02E-02
4130181	RESIDENT	2.41	2.02E-02
4130181	RESIDENT	2.43	2.02E-02
4130181	RESIDENT	2.45	2.02E-02
4130181	RESIDENT	2.47	2.02E-02
4130181	RESIDENT	2.50	2.02E-02
4130181	RESIDENT	2.53	2.02E-02
4130181	RESIDENT	2.55	2.02E-02
4130181	RESIDENT	2.58	2.02E-02
4130181	RESIDENT	2.61	2.02E-02
4130181	RESIDENT	2.64	2.03E-02
4130181	RESIDENT	2.68	2.03E-02
4130181	RESIDENT	2.71	2.03E-02
4130181	RESIDENT	2.75	2.03E-02
4130181	RESIDENT	2.78	2.03E-02
4130181	RESIDENT	2.83	2.03E-02
4130181	RESIDENT	2.87	2.03E-02
4130181	RESIDENT	2.91	2.03E-02
4130181	RESIDENT	2.96	2.03E-02
4130181	RESIDENT	3.01	2.04E-02
4130191	RESIDENT	2.36	2.02E-02
4130191	RESIDENT	2.38	2.02E-02
4130191	RESIDENT	2.40	2.02E-02
4130191	RESIDENT	2.42	2.02E-02
4130191	RESIDENT	2.44	2.02E-02
4130191	RESIDENT	2.46	2.02E-02
4130191	RESIDENT	2.49	2.02E-02
4130191	RESIDENT	2.51	2.02E-02
4130191	RESIDENT	2.54	2.02E-02
4130191	RESIDENT	2.57	2.02E-02
4130191	RESIDENT	2.60	2.02E-02
4130191	RESIDENT	2.63	2.02E-02
4130191	RESIDENT	2.66	2.03E-02
4130191	RESIDENT	2.69	2.03E-02
4130191	RESIDENT	2.73	2.03E-02
4130191	RESIDENT	2.76	2.03E-02
4130191	RESIDENT	2.80	2.03E-02
4130191	RESIDENT	2.84	2.03E-02
4130191	RESIDENT	2.88	2.03E-02

4130191	RESIDENT	2.93	2.03E-02
4130191	RESIDENT	2.98	2.03E-02
4130191	RESIDENT	3.03	2.04E-02
4130191	RESIDENT	3.08	2.04E-02
4130191	RESIDENT	3.13	2.04E-02
4130201	RESIDENT	2.39	2.02E-02
4130201	RESIDENT	2.41	2.02E-02
4130201	RESIDENT	2.43	2.02E-02
4130201	RESIDENT	2.45	2.02E-02
4130201	RESIDENT	2.48	2.02E-02
4130201	RESIDENT	2.50	2.02E-02
4130201	RESIDENT	2.53	2.02E-02
4130201	RESIDENT	2.55	2.02E-02
4130201	RESIDENT	2.58	2.02E-02
4130201	RESIDENT	2.61	2.02E-02
4130201	RESIDENT	2.64	2.03E-02
4130201	RESIDENT	2.67	2.03E-02
4130201	RESIDENT	2.70	2.03E-02
4130201	RESIDENT	2.74	2.03E-02
4130201	RESIDENT	2.78	2.03E-02
4130201	RESIDENT	2.82	2.03E-02
4130201	RESIDENT	2.86	2.03E-02
4130201	RESIDENT	2.90	2.03E-02
4130201	RESIDENT	2.94	2.03E-02
4130201	RESIDENT	2.99	2.03E-02
4130201	RESIDENT	3.04	2.04E-02
4130201	RESIDENT	3.09	2.04E-02
4130211	RESIDENT	2.42	2.02E-02
4130211	RESIDENT	2.44	2.02E-02
4130211	RESIDENT	2.47	2.02E-02
4130211	RESIDENT	2.49	2.02E-02
4130211	RESIDENT	2.51	2.02E-02
4130211	RESIDENT	2.54	2.02E-02
4130211	RESIDENT	2.57	2.02E-02
4130211	RESIDENT	2.59	2.02E-02
4130211	RESIDENT	2.62	2.02E-02
4130211	RESIDENT	2.65	2.03E-02
4130211	RESIDENT	2.68	2.03E-02
4130211	RESIDENT	2.72	2.03E-02
4130211	RESIDENT	2.75	2.03E-02
4130211	RESIDENT	2.79	2.03E-02
4130211	RESIDENT	2.83	2.03E-02
4130211	RESIDENT	2.87	2.03E-02
4130211	RESIDENT	2.91	2.03E-02
4130211	RESIDENT	2.95	2.03E-02
4130211	RESIDENT	3.00	2.03E-02
4130211	RESIDENT	3.05	2.04E-02
4130211	RESIDENT	3.10	2.04E-02
4130221	RESIDENT	2.46	2.02E-02
4130221	RESIDENT	2.48	2.02E-02
4130221	RESIDENT	2.50	2.02E-02
4130221	RESIDENT	2.53	2.02E-02
4130221	RESIDENT	2.55	2.02E-02
4130221	RESIDENT	2.58	2.02E-02
4130221	RESIDENT	2.61	2.02E-02

4130221	RESIDENT	2.63	2.03E-02
4130221	RESIDENT	2.66	2.03E-02
4130221	RESIDENT	2.70	2.03E-02
4130221	RESIDENT	2.73	2.03E-02
4130221	RESIDENT	2.76	2.03E-02
4130221	RESIDENT	2.80	2.03E-02
4130221	RESIDENT	2.84	2.03E-02
4130221	RESIDENT	2.88	2.03E-02
4130221	RESIDENT	2.92	2.03E-02
4130221	RESIDENT	2.96	2.03E-02
4130221	RESIDENT	3.01	2.04E-02
4130221	RESIDENT	3.06	2.04E-02
4130231	RESIDENT	2.49	2.02E-02
4130231	RESIDENT	2.51	2.02E-02
4130231	RESIDENT	2.54	2.02E-02
4130231	RESIDENT	2.56	2.02E-02
4130231	RESIDENT	2.59	2.02E-02
4130231	RESIDENT	2.62	2.02E-02
4130231	RESIDENT	2.65	2.03E-02
4130231	RESIDENT	2.68	2.03E-02
4130231	RESIDENT	2.71	2.03E-02
4130231	RESIDENT	2.74	2.03E-02
4130231	RESIDENT	2.78	2.03E-02
4130231	RESIDENT	2.81	2.03E-02
4130231	RESIDENT	2.85	2.03E-02
4130231	RESIDENT	2.89	2.03E-02
4130231	RESIDENT	2.93	2.03E-02
4130231	RESIDENT	2.97	2.03E-02
4130231	RESIDENT	3.02	2.04E-02
4130241	RESIDENT	2.55	2.02E-02
4130241	RESIDENT	2.57	2.02E-02
4130241	RESIDENT	2.60	2.02E-02
4130241	RESIDENT	2.63	2.02E-02
4130241	RESIDENT	2.66	2.03E-02
4130241	RESIDENT	2.69	2.03E-02
4130241	RESIDENT	2.72	2.03E-02
4130241	RESIDENT	2.75	2.03E-02
4130241	RESIDENT	2.78	2.03E-02
4130241	RESIDENT	2.82	2.03E-02
4130241	RESIDENT	2.86	2.03E-02
4130241	RESIDENT	2.90	2.03E-02
4130241	RESIDENT	2.94	2.03E-02
4130241	RESIDENT	2.98	2.03E-02
4130241	RESIDENT	3.02	2.04E-02
4130251	RESIDENT	2.58	2.02E-02
4130251	RESIDENT	2.61	2.02E-02
4130251	RESIDENT	2.64	2.03E-02
4130251	RESIDENT	2.66	2.03E-02
4130251	RESIDENT	2.69	2.03E-02
4130251	RESIDENT	2.73	2.03E-02
4130251	RESIDENT	2.76	2.03E-02
4130251	RESIDENT	2.79	2.03E-02
4130251	RESIDENT	2.83	2.03E-02
4130251	RESIDENT	2.86	2.03E-02
4130251	RESIDENT	2.90	2.03E-02

4130251	RESIDENT	2.94	2.03E-02
4130251	RESIDENT	2.98	2.03E-02
4130261	RESIDENT	2.62	2.02E-02
4130261	RESIDENT	2.64	2.03E-02
4130261	RESIDENT	2.67	2.03E-02
4130261	RESIDENT	2.70	2.03E-02
4130261	RESIDENT	2.73	2.03E-02
4130261	RESIDENT	2.76	2.03E-02
4130261	RESIDENT	2.80	2.03E-02
4130261	RESIDENT	2.83	2.03E-02
4130261	RESIDENT	2.87	2.03E-02
4130261	RESIDENT	2.91	2.03E-02
4130261	RESIDENT	2.94	2.03E-02
4130271	RESIDENT	2.65	2.03E-02
4130271	RESIDENT	2.68	2.03E-02
4130271	RESIDENT	2.71	2.03E-02
4130271	RESIDENT	2.74	2.03E-02
4130271	RESIDENT	2.77	2.03E-02
4130271	RESIDENT	2.80	2.03E-02
4130271	RESIDENT	2.84	2.03E-02
4130271	RESIDENT	2.87	2.03E-02
4130271	RESIDENT	2.91	2.03E-02
4130271	RESIDENT	2.95	2.03E-02
4130281	RESIDENT	2.68	2.03E-02
4130281	RESIDENT	2.71	2.03E-02
4130281	RESIDENT	2.74	2.03E-02
4130281	RESIDENT	2.77	2.03E-02
4130281	RESIDENT	2.81	2.03E-02
4130281	RESIDENT	2.84	2.03E-02
4130281	RESIDENT	2.87	2.03E-02
4130281	RESIDENT	2.91	2.03E-02
4130291	RESIDENT	2.75	2.03E-02
4130291	RESIDENT	2.78	2.03E-02
4130291	RESIDENT	2.81	2.03E-02
4130291	RESIDENT	2.84	2.03E-02
4130291	RESIDENT	2.88	2.03E-02
4130301	RESIDENT	2.78	2.03E-02
4130301	RESIDENT	2.81	2.03E-02
4130301	RESIDENT	2.84	2.03E-02
4130301	RESIDENT	2.87	2.03E-02
4130311	RESIDENT	2.81	2.03E-02
4130311	RESIDENT	2.84	2.03E-02

## Project Risk Summary

Receptor Type	Cancer Risk (per million)	Chronic HI	Annual PM2.5 (ug/m <sup>3</sup> )
Worker	6.83	0.0221	0.11
BAAQMD Threshold	10	1.0	0.30
<b>Exceeds Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>

XY	X	Y	Cancer Risk Summary	Cancer Risk (per million)	Chronic Hazard Index
6005174129595	600517	4129595	7.83E-08	0.078	2.53E-04
6005274129595	600527	4129595	8.23E-08	0.082	2.66E-04
6005374129595	600537	4129595	8.63E-08	0.086	2.79E-04
6005474129595	600547	4129595	9.03E-08	0.090	2.92E-04
6005574129595	600557	4129595	9.44E-08	0.094	3.05E-04
6005674129595	600567	4129595	9.84E-08	0.098	3.18E-04
6004574129605	600457	4129605	5.92E-08	0.059	1.91E-04
6004674129605	600467	4129605	6.26E-08	0.063	2.02E-04
6004774129605	600477	4129605	6.61E-08	0.066	2.14E-04
6004874129605	600487	4129605	6.98E-08	0.070	2.26E-04
6004974129605	600497	4129605	7.36E-08	0.074	2.38E-04
6005074129605	600507	4129605	7.77E-08	0.078	2.51E-04
6005174129605	600517	4129605	8.18E-08	0.082	2.65E-04
6005274129605	600527	4129605	8.61E-08	0.086	2.78E-04
6005374129605	600537	4129605	9.03E-08	0.090	2.92E-04
6005474129605	600547	4129605	9.47E-08	0.095	3.06E-04
6005574129605	600557	4129605	9.90E-08	0.099	3.20E-04
6005674129605	600567	4129605	1.03E-07	0.103	3.34E-04
6005774129605	600577	4129605	1.08E-07	0.108	3.48E-04
6005874129605	600587	4129605	1.12E-07	0.112	3.62E-04
6005974129605	600597	4129605	1.16E-07	0.116	3.75E-04
6006074129605	600607	4129605	1.20E-07	0.120	3.87E-04
6006174129605	600617	4129605	1.24E-07	0.124	3.99E-04
6006274129605	600627	4129605	1.27E-07	0.127	4.10E-04
6004174129615	600417	4129615	4.93E-08	0.049	1.59E-04
6004274129615	600427	4129615	5.20E-08	0.052	1.68E-04
6004374129615	600437	4129615	5.50E-08	0.055	1.78E-04
6004474129615	600447	4129615	5.81E-08	0.058	1.88E-04
6004574129615	600457	4129615	6.15E-08	0.061	1.99E-04
6004674129615	600467	4129615	6.50E-08	0.065	2.10E-04
6004774129615	600477	4129615	6.87E-08	0.069	2.22E-04
6004874129615	600487	4129615	7.27E-08	0.073	2.35E-04
6004974129615	600497	4129615	7.68E-08	0.077	2.48E-04
6005074129615	600507	4129615	8.12E-08	0.081	2.62E-04
6005174129615	600517	4129615	8.56E-08	0.086	2.77E-04
6005274129615	600527	4129615	9.01E-08	0.090	2.91E-04
6005374129615	600537	4129615	9.48E-08	0.095	3.06E-04
6005474129615	600547	4129615	9.94E-08	0.099	3.21E-04
6005574129615	600557	4129615	1.04E-07	0.104	3.36E-04
6005674129615	600567	4129615	1.09E-07	0.109	3.51E-04
6005774129615	600577	4129615	1.13E-07	0.113	3.66E-04
6005874129615	600587	4129615	1.18E-07	0.118	3.81E-04
6005974129615	600597	4129615	1.22E-07	0.122	3.95E-04
6006074129615	600607	4129615	1.26E-07	0.126	4.08E-04

6006174129615	600617	4129615	1.30E-07	0.130	4.20E-04
6006274129615	600627	4129615	1.34E-07	0.134	4.32E-04
6006374129615	600637	4129615	1.37E-07	0.137	4.43E-04
6006474129615	600647	4129615	1.40E-07	0.140	4.54E-04
6006574129615	600657	4129615	1.43E-07	0.143	4.63E-04
6003974129625	600397	4129625	4.57E-08	0.046	1.48E-04
6004074129625	600407	4129625	4.82E-08	0.048	1.56E-04
6004174129625	600417	4129625	5.09E-08	0.051	1.64E-04
6004274129625	600427	4129625	5.38E-08	0.054	1.74E-04
6004374129625	600437	4129625	5.69E-08	0.057	1.84E-04
6004474129625	600447	4129625	6.02E-08	0.060	1.95E-04
6004574129625	600457	4129625	6.38E-08	0.064	2.06E-04
6004674129625	600467	4129625	6.76E-08	0.068	2.19E-04
6004774129625	600477	4129625	7.16E-08	0.072	2.31E-04
6004874129625	600487	4129625	7.58E-08	0.076	2.45E-04
6004974129625	600497	4129625	8.03E-08	0.080	2.59E-04
6005074129625	600507	4129625	8.49E-08	0.085	2.74E-04
6005174129625	600517	4129625	8.96E-08	0.090	2.90E-04
6005274129625	600527	4129625	9.45E-08	0.095	3.06E-04
6005374129625	600537	4129625	9.95E-08	0.100	3.22E-04
6005474129625	600547	4129625	1.04E-07	0.104	3.38E-04
6005574129625	600557	4129625	1.10E-07	0.110	3.54E-04
6005674129625	600567	4129625	1.15E-07	0.115	3.70E-04
6005774129625	600577	4129625	1.19E-07	0.119	3.86E-04
6005874129625	600587	4129625	1.24E-07	0.124	4.01E-04
6005974129625	600597	4129625	1.29E-07	0.129	4.16E-04
6006074129625	600607	4129625	1.33E-07	0.133	4.31E-04
6006174129625	600617	4129625	1.37E-07	0.137	4.44E-04
6006274129625	600627	4129625	1.41E-07	0.141	4.56E-04
6006374129625	600637	4129625	1.45E-07	0.145	4.68E-04
6006474129625	600647	4129625	1.48E-07	0.148	4.78E-04
6006574129625	600657	4129625	1.51E-07	0.151	4.88E-04
6006674129625	600667	4129625	1.54E-07	0.154	4.96E-04
6006774129625	600677	4129625	1.56E-07	0.156	5.03E-04
6006874129625	600687	4129625	1.58E-07	0.158	5.10E-04
6003774129635	600377	4129635	4.26E-08	0.043	1.38E-04
6003874129635	600387	4129635	4.47E-08	0.045	1.45E-04
6003974129635	600397	4129635	4.71E-08	0.047	1.52E-04
6004074129635	600407	4129635	4.97E-08	0.050	1.61E-04
6004174129635	600417	4129635	5.25E-08	0.052	1.70E-04
6004274129635	600427	4129635	5.56E-08	0.056	1.80E-04
6004374129635	600437	4129635	5.89E-08	0.059	1.90E-04
6004474129635	600447	4129635	6.25E-08	0.062	2.02E-04
6004574129635	600457	4129635	6.63E-08	0.066	2.14E-04
6004674129635	600467	4129635	7.04E-08	0.070	2.27E-04
6004774129635	600477	4129635	7.46E-08	0.075	2.41E-04
6004874129635	600487	4129635	7.92E-08	0.079	2.56E-04
6004974129635	600497	4129635	8.40E-08	0.084	2.71E-04
6005074129635	600507	4129635	8.89E-08	0.089	2.87E-04
6005174129635	600517	4129635	9.40E-08	0.094	3.04E-04
6005274129635	600527	4129635	9.93E-08	0.099	3.21E-04
6005374129635	600537	4129635	1.05E-07	0.105	3.38E-04
6005474129635	600547	4129635	1.10E-07	0.110	3.56E-04
6005574129635	600557	4129635	1.15E-07	0.115	3.73E-04
6005674129635	600567	4129635	1.21E-07	0.121	3.90E-04

6005774129635	600577	4129635	1.26E-07	0.126	4.07E-04
6005874129635	600587	4129635	1.31E-07	0.131	4.24E-04
6005974129635	600597	4129635	1.36E-07	0.136	4.40E-04
6006074129635	600607	4129635	1.41E-07	0.141	4.55E-04
6006174129635	600617	4129635	1.45E-07	0.145	4.69E-04
6006274129635	600627	4129635	1.49E-07	0.149	4.82E-04
6006374129635	600637	4129635	1.53E-07	0.153	4.94E-04
6006474129635	600647	4129635	1.56E-07	0.156	5.04E-04
6006574129635	600657	4129635	1.59E-07	0.159	5.14E-04
6006674129635	600667	4129635	1.62E-07	0.162	5.23E-04
6006774129635	600677	4129635	1.64E-07	0.164	5.31E-04
6006874129635	600687	4129635	1.66E-07	0.166	5.37E-04
6006974129635	600697	4129635	1.68E-07	0.168	5.43E-04
6007074129635	600707	4129635	1.69E-07	0.169	5.47E-04
6003574129645	600357	4129645	3.99E-08	0.040	1.29E-04
6003674129645	600367	4129645	4.18E-08	0.042	1.35E-04
6003774129645	600377	4129645	4.38E-08	0.044	1.42E-04
6003874129645	600387	4129645	4.61E-08	0.046	1.49E-04
6003974129645	600397	4129645	4.85E-08	0.049	1.57E-04
6004074129645	600407	4129645	5.13E-08	0.051	1.66E-04
6004174129645	600417	4129645	5.42E-08	0.054	1.75E-04
6004274129645	600427	4129645	5.75E-08	0.057	1.86E-04
6004374129645	600437	4129645	6.10E-08	0.061	1.97E-04
6004474129645	600447	4129645	6.48E-08	0.065	2.09E-04
6004574129645	600457	4129645	6.89E-08	0.069	2.23E-04
6004674129645	600467	4129645	7.32E-08	0.073	2.37E-04
6004774129645	600477	4129645	7.78E-08	0.078	2.52E-04
6004874129645	600487	4129645	8.28E-08	0.083	2.67E-04
6004974129645	600497	4129645	8.78E-08	0.088	2.84E-04
6005074129645	600507	4129645	9.32E-08	0.093	3.01E-04
6005174129645	600517	4129645	9.88E-08	0.099	3.19E-04
6005274129645	600527	4129645	1.04E-07	0.104	3.37E-04
6005374129645	600537	4129645	1.10E-07	0.110	3.56E-04
6005474129645	600547	4129645	1.16E-07	0.116	3.75E-04
6005574129645	600557	4129645	1.22E-07	0.122	3.94E-04
6005674129645	600567	4129645	1.28E-07	0.128	4.12E-04
6005774129645	600577	4129645	1.33E-07	0.133	4.30E-04
6005874129645	600587	4129645	1.39E-07	0.139	4.48E-04
6005974129645	600597	4129645	1.44E-07	0.144	4.65E-04
6006074129645	600607	4129645	1.49E-07	0.149	4.81E-04
6006174129645	600617	4129645	1.54E-07	0.154	4.96E-04
6006274129645	600627	4129645	1.58E-07	0.158	5.10E-04
6006374129645	600637	4129645	1.62E-07	0.162	5.22E-04
6006474129645	600647	4129645	1.65E-07	0.165	5.34E-04
6006574129645	600657	4129645	1.68E-07	0.168	5.43E-04
6006674129645	600667	4129645	1.71E-07	0.171	5.52E-04
6006774129645	600677	4129645	1.73E-07	0.173	5.60E-04
6006874129645	600687	4129645	1.75E-07	0.175	5.66E-04
6006974129645	600697	4129645	1.77E-07	0.177	5.72E-04
6007074129645	600707	4129645	1.78E-07	0.178	5.76E-04
6007174129645	600717	4129645	1.79E-07	0.179	5.80E-04
6007274129645	600727	4129645	1.80E-07	0.180	5.82E-04
6003474129655	600347	4129655	3.93E-08	0.039	1.27E-04
6003574129655	600357	4129655	4.11E-08	0.041	1.33E-04
6003674129655	600367	4129655	4.30E-08	0.043	1.39E-04



6003774129655	600377	4129655	4.51E-08	0.045	1.46E-04
6003874129655	600387	4129655	4.75E-08	0.047	1.53E-04
6003974129655	600397	4129655	5.01E-08	0.050	1.62E-04
6004074129655	600407	4129655	5.29E-08	0.053	1.71E-04
6004174129655	600417	4129655	5.60E-08	0.056	1.81E-04
6004274129655	600427	4129655	5.94E-08	0.059	1.92E-04
6004374129655	600437	4129655	6.32E-08	0.063	2.04E-04
6004474129655	600447	4129655	6.73E-08	0.067	2.17E-04
6004574129655	600457	4129655	7.17E-08	0.072	2.32E-04
6004674129655	600467	4129655	7.63E-08	0.076	2.47E-04
6004774129655	600477	4129655	8.12E-08	0.081	2.63E-04
6004874129655	600487	4129655	8.65E-08	0.087	2.80E-04
6004974129655	600497	4129655	9.20E-08	0.092	2.97E-04
6005074129655	600507	4129655	9.79E-08	0.098	3.16E-04
6005174129655	600517	4129655	1.04E-07	0.104	3.36E-04
6005274129655	600527	4129655	1.10E-07	0.110	3.55E-04
6005374129655	600537	4129655	1.16E-07	0.116	3.76E-04
6005474129655	600547	4129655	1.23E-07	0.123	3.96E-04
6005574129655	600557	4129655	1.29E-07	0.129	4.17E-04
6005674129655	600567	4129655	1.35E-07	0.135	4.37E-04
6005774129655	600577	4129655	1.41E-07	0.141	4.56E-04
6005874129655	600587	4129655	1.47E-07	0.147	4.75E-04
6005974129655	600597	4129655	1.52E-07	0.152	4.93E-04
6006074129655	600607	4129655	1.58E-07	0.158	5.10E-04
6006174129655	600617	4129655	1.63E-07	0.163	5.26E-04
6006274129655	600627	4129655	1.67E-07	0.167	5.40E-04
6006374129655	600637	4129655	1.71E-07	0.171	5.53E-04
6006474129655	600647	4129655	1.75E-07	0.175	5.65E-04
6006574129655	600657	4129655	1.78E-07	0.178	5.75E-04
6006674129655	600667	4129655	1.81E-07	0.181	5.84E-04
6006774129655	600677	4129655	1.83E-07	0.183	5.91E-04
6006874129655	600687	4129655	1.85E-07	0.185	5.98E-04
6006974129655	600697	4129655	1.87E-07	0.187	6.03E-04
6007074129655	600707	4129655	1.88E-07	0.188	6.08E-04
6007174129655	600717	4129655	1.89E-07	0.189	6.11E-04
6007274129655	600727	4129655	1.90E-07	0.190	6.13E-04
6007374129655	600737	4129655	1.90E-07	0.190	6.14E-04
6007474129655	600747	4129655	1.90E-07	0.190	6.15E-04
6003274129665	600327	4129665	3.75E-08	0.038	1.21E-04
6003374129665	600337	4129665	3.89E-08	0.039	1.26E-04
6003474129665	600347	4129665	4.05E-08	0.040	1.31E-04
6003574129665	600357	4129665	4.23E-08	0.042	1.37E-04
6003674129665	600367	4129665	4.43E-08	0.044	1.43E-04
6003774129665	600377	4129665	4.65E-08	0.046	1.50E-04
6003874129665	600387	4129665	4.89E-08	0.049	1.58E-04
6003974129665	600397	4129665	5.16E-08	0.052	1.67E-04
6004074129665	600407	4129665	5.46E-08	0.055	1.76E-04
6004174129665	600417	4129665	5.79E-08	0.058	1.87E-04
6004274129665	600427	4129665	6.16E-08	0.062	1.99E-04
6004374129665	600437	4129665	6.56E-08	0.066	2.12E-04
6004474129665	600447	4129665	6.99E-08	0.070	2.26E-04
6004574129665	600457	4129665	7.46E-08	0.075	2.41E-04
6004674129665	600467	4129665	7.96E-08	0.080	2.57E-04
6004774129665	600477	4129665	8.50E-08	0.085	2.75E-04
6004874129665	600487	4129665	9.07E-08	0.091	2.93E-04

6004974129665	600497	4129665	9.67E-08	0.097	3.12E-04
6005074129665	600507	4129665	1.03E-07	0.103	3.32E-04
6005174129665	600517	4129665	1.09E-07	0.109	3.53E-04
6005274129665	600527	4129665	1.16E-07	0.116	3.75E-04
6005374129665	600537	4129665	1.23E-07	0.123	3.97E-04
6005474129665	600547	4129665	1.30E-07	0.130	4.19E-04
6005574129665	600557	4129665	1.36E-07	0.136	4.41E-04
6005674129665	600567	4129665	1.43E-07	0.143	4.63E-04
6005774129665	600577	4129665	1.50E-07	0.150	4.84E-04
6005874129665	600587	4129665	1.56E-07	0.156	5.04E-04
6005974129665	600597	4129665	1.62E-07	0.162	5.23E-04
6006074129665	600607	4129665	1.68E-07	0.168	5.41E-04
6006174129665	600617	4129665	1.73E-07	0.173	5.58E-04
6006274129665	600627	4129665	1.77E-07	0.177	5.73E-04
6006374129665	600637	4129665	1.82E-07	0.182	5.87E-04
6006474129665	600647	4129665	1.85E-07	0.185	5.99E-04
6006574129665	600657	4129665	1.89E-07	0.189	6.10E-04
6006674129665	600667	4129665	1.91E-07	0.191	6.19E-04
6006774129665	600677	4129665	1.94E-07	0.194	6.25E-04
6006874129665	600687	4129665	1.96E-07	0.196	6.32E-04
6006974129665	600697	4129665	1.97E-07	0.197	6.38E-04
6007074129665	600707	4129665	1.99E-07	0.199	6.42E-04
6007174129665	600717	4129665	1.99E-07	0.199	6.44E-04
6007274129665	600727	4129665	2.00E-07	0.200	6.46E-04
6007374129665	600737	4129665	2.00E-07	0.200	6.47E-04
6007474129665	600747	4129665	2.01E-07	0.201	6.48E-04
6007574129665	600757	4129665	2.01E-07	0.201	6.48E-04
6003174129675	600317	4129675	3.73E-08	0.037	1.21E-04
6003274129675	600327	4129675	3.87E-08	0.039	1.25E-04
6003374129675	600337	4129675	4.01E-08	0.040	1.30E-04
6003474129675	600347	4129675	4.18E-08	0.042	1.35E-04
6003574129675	600357	4129675	4.36E-08	0.044	1.41E-04
6003674129675	600367	4129675	4.56E-08	0.046	1.47E-04
6003774129675	600377	4129675	4.79E-08	0.048	1.55E-04
6003874129675	600387	4129675	5.05E-08	0.050	1.63E-04
6003974129675	600397	4129675	5.33E-08	0.053	1.72E-04
6004074129675	600407	4129675	5.64E-08	0.056	1.82E-04
6004174129675	600417	4129675	6.00E-08	0.060	1.94E-04
6004274129675	600427	4129675	6.39E-08	0.064	2.07E-04
6004374129675	600437	4129675	6.82E-08	0.068	2.20E-04
6004474129675	600447	4129675	7.28E-08	0.073	2.35E-04
6004574129675	600457	4129675	7.78E-08	0.078	2.51E-04
6004674129675	600467	4129675	8.31E-08	0.083	2.69E-04
6004774129675	600477	4129675	8.89E-08	0.089	2.87E-04
6004874129675	600487	4129675	9.51E-08	0.095	3.07E-04
6004974129675	600497	4129675	1.01E-07	0.101	3.28E-04
6005074129675	600507	4129675	1.08E-07	0.108	3.50E-04
6005174129675	600517	4129675	1.15E-07	0.115	3.73E-04
6005274129675	600527	4129675	1.23E-07	0.123	3.97E-04
6005374129675	600537	4129675	1.30E-07	0.130	4.20E-04
6005474129675	600547	4129675	1.37E-07	0.137	4.44E-04
6005574129675	600557	4129675	1.45E-07	0.145	4.68E-04
6005674129675	600567	4129675	1.52E-07	0.152	4.91E-04
6005774129675	600577	4129675	1.59E-07	0.159	5.14E-04
6005874129675	600587	4129675	1.66E-07	0.166	5.36E-04

6005974129675	600597	4129675	1.72E-07	0.172	5.57E-04
6006074129675	600607	4129675	1.78E-07	0.178	5.76E-04
6006174129675	600617	4129675	1.84E-07	0.184	5.93E-04
6006274129675	600627	4129675	1.88E-07	0.188	6.08E-04
6006374129675	600637	4129675	1.93E-07	0.193	6.23E-04
6006474129675	600647	4129675	1.97E-07	0.197	6.36E-04
6006574129675	600657	4129675	2.00E-07	0.200	6.47E-04
6006674129675	600667	4129675	2.03E-07	0.203	6.56E-04
6006774129675	600677	4129675	2.05E-07	0.205	6.63E-04
6006874129675	600687	4129675	2.07E-07	0.207	6.70E-04
6006974129675	600697	4129675	2.09E-07	0.209	6.75E-04
6007074129675	600707	4129675	2.10E-07	0.210	6.78E-04
6007174129675	600717	4129675	2.11E-07	0.211	6.81E-04
6007274129675	600727	4129675	2.11E-07	0.211	6.82E-04
6007374129675	600737	4129675	2.11E-07	0.211	6.83E-04
6007474129675	600747	4129675	2.12E-07	0.212	6.84E-04
6007574129675	600757	4129675	2.11E-07	0.211	6.83E-04
6007674129675	600767	4129675	2.11E-07	0.211	6.82E-04
6002974129685	600297	4129685	3.62E-08	0.036	1.17E-04
6003074129685	600307	4129685	3.73E-08	0.037	1.21E-04
6003174129685	600317	4129685	3.85E-08	0.039	1.24E-04
6003274129685	600327	4129685	3.99E-08	0.040	1.29E-04
6003374129685	600337	4129685	4.14E-08	0.041	1.34E-04
6003474129685	600347	4129685	4.31E-08	0.043	1.39E-04
6003574129685	600357	4129685	4.50E-08	0.045	1.45E-04
6003674129685	600367	4129685	4.71E-08	0.047	1.52E-04
6003774129685	600377	4129685	4.95E-08	0.049	1.60E-04
6003874129685	600387	4129685	5.21E-08	0.052	1.68E-04
6003974129685	600397	4129685	5.50E-08	0.055	1.78E-04
6004074129685	600407	4129685	5.84E-08	0.058	1.89E-04
6004174129685	600417	4129685	6.22E-08	0.062	2.01E-04
6004274129685	600427	4129685	6.63E-08	0.066	2.14E-04
6004374129685	600437	4129685	7.08E-08	0.071	2.29E-04
6004474129685	600447	4129685	7.57E-08	0.076	2.45E-04
6004574129685	600457	4129685	8.11E-08	0.081	2.62E-04
6004674129685	600467	4129685	8.68E-08	0.087	2.81E-04
6004774129685	600477	4129685	9.31E-08	0.093	3.01E-04
6004874129685	600487	4129685	9.97E-08	0.100	3.22E-04
6004974129685	600497	4129685	1.07E-07	0.107	3.45E-04
6005074129685	600507	4129685	1.14E-07	0.114	3.69E-04
6005174129685	600517	4129685	1.22E-07	0.122	3.94E-04
6005274129685	600527	4129685	1.30E-07	0.130	4.19E-04
6005374129685	600537	4129685	1.38E-07	0.138	4.45E-04
6005474129685	600547	4129685	1.46E-07	0.146	4.71E-04
6005574129685	600557	4129685	1.54E-07	0.154	4.97E-04
6005674129685	600567	4129685	1.62E-07	0.162	5.23E-04
6005774129685	600577	4129685	1.69E-07	0.169	5.48E-04
6005874129685	600587	4129685	1.77E-07	0.177	5.71E-04
6005974129685	600597	4129685	1.84E-07	0.184	5.93E-04
6006074129685	600607	4129685	1.90E-07	0.190	6.14E-04
6006174129685	600617	4129685	1.96E-07	0.196	6.32E-04
6006274129685	600627	4129685	2.01E-07	0.201	6.48E-04
6006374129685	600637	4129685	2.05E-07	0.205	6.63E-04
6006474129685	600647	4129685	2.09E-07	0.209	6.77E-04
6006574129685	600657	4129685	2.13E-07	0.213	6.87E-04

6006674129685	600667	4129685	2.16E-07	0.216	6.96E-04
6006774129685	600677	4129685	2.18E-07	0.218	7.04E-04
6006874129685	600687	4129685	2.20E-07	0.220	7.10E-04
6006974129685	600697	4129685	2.21E-07	0.221	7.15E-04
6007074129685	600707	4129685	2.22E-07	0.222	7.18E-04
6007174129685	600717	4129685	2.23E-07	0.223	7.20E-04
6007274129685	600727	4129685	2.23E-07	0.223	7.22E-04
6007374129685	600737	4129685	2.24E-07	0.224	7.22E-04
6007474129685	600747	4129685	2.23E-07	0.223	7.22E-04
6007574129685	600757	4129685	2.23E-07	0.223	7.21E-04
6007674129685	600767	4129685	2.23E-07	0.223	7.20E-04
6007774129685	600777	4129685	2.22E-07	0.222	7.18E-04
6007874129685	600787	4129685	2.21E-07	0.221	7.15E-04
6002874129695	600287	4129695	3.64E-08	0.036	1.18E-04
6002974129695	600297	4129695	3.74E-08	0.037	1.21E-04
6003074129695	600307	4129695	3.85E-08	0.039	1.25E-04
6003174129695	600317	4129695	3.98E-08	0.040	1.29E-04
6003274129695	600327	4129695	4.12E-08	0.041	1.33E-04
6003374129695	600337	4129695	4.27E-08	0.043	1.38E-04
6003474129695	600347	4129695	4.45E-08	0.044	1.44E-04
6003574129695	600357	4129695	4.64E-08	0.046	1.50E-04
6003674129695	600367	4129695	4.86E-08	0.049	1.57E-04
6003774129695	600377	4129695	5.11E-08	0.051	1.65E-04
6003874129695	600387	4129695	5.38E-08	0.054	1.74E-04
6003974129695	600397	4129695	5.69E-08	0.057	1.84E-04
6004074129695	600407	4129695	6.05E-08	0.061	1.96E-04
6004174129695	600417	4129695	6.44E-08	0.064	2.08E-04
6004274129695	600427	4129695	6.88E-08	0.069	2.22E-04
6004374129695	600437	4129695	7.36E-08	0.074	2.38E-04
6004474129695	600447	4129695	7.89E-08	0.079	2.55E-04
6004574129695	600457	4129695	8.46E-08	0.085	2.73E-04
6004674129695	600467	4129695	9.08E-08	0.091	2.94E-04
6004774129695	600477	4129695	9.76E-08	0.098	3.15E-04
6004874129695	600487	4129695	1.05E-07	0.105	3.38E-04
6004974129695	600497	4129695	1.12E-07	0.112	3.63E-04
6005074129695	600507	4129695	1.21E-07	0.121	3.90E-04
6005174129695	600517	4129695	1.29E-07	0.129	4.17E-04
6005274129695	600527	4129695	1.38E-07	0.138	4.45E-04
6005374129695	600537	4129695	1.46E-07	0.146	4.73E-04
6005474129695	600547	4129695	1.55E-07	0.155	5.02E-04
6005574129695	600557	4129695	1.64E-07	0.164	5.30E-04
6005674129695	600567	4129695	1.73E-07	0.173	5.58E-04
6005774129695	600577	4129695	1.81E-07	0.181	5.84E-04
6005874129695	600587	4129695	1.89E-07	0.189	6.10E-04
6005974129695	600597	4129695	1.96E-07	0.196	6.33E-04
6006074129695	600607	4129695	2.03E-07	0.203	6.55E-04
6006174129695	600617	4129695	2.09E-07	0.209	6.74E-04
6006274129695	600627	4129695	2.14E-07	0.214	6.92E-04
6006374129695	600637	4129695	2.19E-07	0.219	7.07E-04
6006474129695	600647	4129695	2.23E-07	0.223	7.21E-04
6006574129695	600657	4129695	2.27E-07	0.227	7.32E-04
6006674129695	600667	4129695	2.29E-07	0.229	7.41E-04
6006774129695	600677	4129695	2.32E-07	0.232	7.48E-04
6006874129695	600687	4129695	2.33E-07	0.233	7.54E-04
6006974129695	600697	4129695	2.35E-07	0.235	7.59E-04

6007074129695	600707	4129695	2.36E-07	0.236	7.62E-04
6007174129695	600717	4129695	2.36E-07	0.236	7.63E-04
6007274129695	600727	4129695	2.37E-07	0.237	7.64E-04
6007374129695	600737	4129695	2.37E-07	0.237	7.65E-04
6007474129695	600747	4129695	2.36E-07	0.236	7.64E-04
6007574129695	600757	4129695	2.36E-07	0.236	7.63E-04
6007674129695	600767	4129695	2.35E-07	0.235	7.61E-04
6007774129695	600777	4129695	2.35E-07	0.235	7.58E-04
6007874129695	600787	4129695	2.34E-07	0.234	7.55E-04
6007974129695	600797	4129695	2.33E-07	0.233	7.52E-04
6002774129705	600277	4129705	3.68E-08	0.037	1.19E-04
6002874129705	600287	4129705	3.77E-08	0.038	1.22E-04
6002974129705	600297	4129705	3.87E-08	0.039	1.25E-04
6003074129705	600307	4129705	3.99E-08	0.040	1.29E-04
6003174129705	600317	4129705	4.11E-08	0.041	1.33E-04
6003274129705	600327	4129705	4.26E-08	0.043	1.38E-04
6003374129705	600337	4129705	4.41E-08	0.044	1.43E-04
6003474129705	600347	4129705	4.59E-08	0.046	1.48E-04
6003574129705	600357	4129705	4.80E-08	0.048	1.55E-04
6003674129705	600367	4129705	5.02E-08	0.050	1.62E-04
6003774129705	600377	4129705	5.28E-08	0.053	1.71E-04
6003874129705	600387	4129705	5.57E-08	0.056	1.80E-04
6003974129705	600397	4129705	5.89E-08	0.059	1.90E-04
6004074129705	600407	4129705	6.27E-08	0.063	2.03E-04
6004174129705	600417	4129705	6.68E-08	0.067	2.16E-04
6004274129705	600427	4129705	7.14E-08	0.071	2.31E-04
6004374129705	600437	4129705	7.66E-08	0.077	2.47E-04
6004474129705	600447	4129705	8.22E-08	0.082	2.66E-04
6004574129705	600457	4129705	8.83E-08	0.088	2.85E-04
6004674129705	600467	4129705	9.51E-08	0.095	3.07E-04
6004774129705	600477	4129705	1.02E-07	0.102	3.31E-04
6004874129705	600487	4129705	1.10E-07	0.110	3.56E-04
6004974129705	600497	4129705	1.19E-07	0.119	3.84E-04
6005074129705	600507	4129705	1.28E-07	0.128	4.13E-04
6005174129705	600517	4129705	1.37E-07	0.137	4.42E-04
6005274129705	600527	4129705	1.46E-07	0.146	4.73E-04
6005374129705	600537	4129705	1.56E-07	0.156	5.04E-04
6005474129705	600547	4129705	1.66E-07	0.166	5.35E-04
6005574129705	600557	4129705	1.75E-07	0.175	5.66E-04
6005674129705	600567	4129705	1.84E-07	0.184	5.96E-04
6005774129705	600577	4129705	1.93E-07	0.193	6.25E-04
6005874129705	600587	4129705	2.02E-07	0.202	6.52E-04
6005974129705	600597	4129705	2.10E-07	0.210	6.77E-04
6006074129705	600607	4129705	2.17E-07	0.217	7.01E-04
6006174129705	600617	4129705	2.23E-07	0.223	7.22E-04
6006274129705	600627	4129705	2.29E-07	0.229	7.40E-04
6006374129705	600637	4129705	2.34E-07	0.234	7.56E-04
6006474129705	600647	4129705	2.38E-07	0.238	7.70E-04
6006574129705	600657	4129705	2.41E-07	0.241	7.80E-04
6006674129705	600667	4129705	2.44E-07	0.244	7.90E-04
6006774129705	600677	4129705	2.47E-07	0.247	7.97E-04
6006874129705	600687	4129705	2.48E-07	0.248	8.03E-04
6006974129705	600697	4129705	2.50E-07	0.250	8.07E-04
6007074129705	600707	4129705	2.50E-07	0.250	8.09E-04
6007174129705	600717	4129705	2.51E-07	0.251	8.11E-04

6007274129705	600727	4129705	2.51E-07	0.251	8.11E-04
6007374129705	600737	4129705	2.51E-07	0.251	8.11E-04
6007474129705	600747	4129705	2.51E-07	0.251	8.10E-04
6007574129705	600757	4129705	2.50E-07	0.250	8.08E-04
6007674129705	600767	4129705	2.49E-07	0.249	8.05E-04
6007774129705	600777	4129705	2.48E-07	0.248	8.02E-04
6007874129705	600787	4129705	2.47E-07	0.247	7.98E-04
6007974129705	600797	4129705	2.46E-07	0.246	7.94E-04
6008074129705	600807	4129705	2.44E-07	0.244	7.90E-04
6002674129715	600267	4129715	3.74E-08	0.037	1.21E-04
6002774129715	600277	4129715	3.82E-08	0.038	1.24E-04
6002874129715	600287	4129715	3.92E-08	0.039	1.27E-04
6002974129715	600297	4129715	4.02E-08	0.040	1.30E-04
6003074129715	600307	4129715	4.13E-08	0.041	1.34E-04
6003174129715	600317	4129715	4.26E-08	0.043	1.38E-04
6003274129715	600327	4129715	4.40E-08	0.044	1.42E-04
6003374129715	600337	4129715	4.57E-08	0.046	1.48E-04
6003474129715	600347	4129715	4.75E-08	0.047	1.53E-04
6003574129715	600357	4129715	4.96E-08	0.050	1.60E-04
6003674129715	600367	4129715	5.19E-08	0.052	1.68E-04
6003774129715	600377	4129715	5.46E-08	0.055	1.76E-04
6003874129715	600387	4129715	5.76E-08	0.058	1.86E-04
6003974129715	600397	4129715	6.10E-08	0.061	1.97E-04
6004074129715	600407	4129715	6.49E-08	0.065	2.10E-04
6004174129715	600417	4129715	6.93E-08	0.069	2.24E-04
6004274129715	600427	4129715	7.42E-08	0.074	2.40E-04
6004374129715	600437	4129715	7.96E-08	0.080	2.57E-04
6004474129715	600447	4129715	8.56E-08	0.086	2.77E-04
6004574129715	600457	4129715	9.24E-08	0.092	2.99E-04
6004674129715	600467	4129715	9.97E-08	0.100	3.22E-04
6004774129715	600477	4129715	1.08E-07	0.108	3.48E-04
6004874129715	600487	4129715	1.16E-07	0.116	3.76E-04
6004974129715	600497	4129715	1.26E-07	0.126	4.06E-04
6005074129715	600507	4129715	1.35E-07	0.135	4.37E-04
6005174129715	600517	4129715	1.45E-07	0.145	4.70E-04
6005274129715	600527	4129715	1.56E-07	0.156	5.04E-04
6005374129715	600537	4129715	1.66E-07	0.166	5.38E-04
6005474129715	600547	4129715	1.77E-07	0.177	5.72E-04
6005574129715	600557	4129715	1.87E-07	0.187	6.06E-04
6005674129715	600567	4129715	1.98E-07	0.198	6.39E-04
6005774129715	600577	4129715	2.07E-07	0.207	6.70E-04
6005874129715	600587	4129715	2.16E-07	0.216	6.99E-04
6005974129715	600597	4129715	2.25E-07	0.225	7.26E-04
6006074129715	600607	4129715	2.33E-07	0.233	7.51E-04
6006174129715	600617	4129715	2.39E-07	0.239	7.74E-04
6006274129715	600627	4129715	2.46E-07	0.246	7.93E-04
6006374129715	600637	4129715	2.51E-07	0.251	8.10E-04
6006474129715	600647	4129715	2.55E-07	0.255	8.23E-04
6006574129715	600657	4129715	2.58E-07	0.258	8.34E-04
6006674129715	600667	4129715	2.61E-07	0.261	8.44E-04
6006774129715	600677	4129715	2.63E-07	0.263	8.51E-04
6006874129715	600687	4129715	2.65E-07	0.265	8.56E-04
6006974129715	600697	4129715	2.66E-07	0.266	8.59E-04
6007074129715	600707	4129715	2.67E-07	0.267	8.61E-04
6007174129715	600717	4129715	2.67E-07	0.267	8.62E-04

6007274129715	600727	4129715	2.67E-07	0.267	8.62E-04
6007374129715	600737	4129715	2.67E-07	0.267	8.61E-04
6007474129715	600747	4129715	2.66E-07	0.266	8.60E-04
6007574129715	600757	4129715	2.65E-07	0.265	8.57E-04
6007674129715	600767	4129715	2.64E-07	0.264	8.53E-04
6007774129715	600777	4129715	2.63E-07	0.263	8.50E-04
6007874129715	600787	4129715	2.62E-07	0.262	8.45E-04
6007974129715	600797	4129715	2.60E-07	0.260	8.40E-04
6008074129715	600807	4129715	2.58E-07	0.258	8.35E-04
6008174129715	600817	4129715	2.56E-07	0.256	8.29E-04
6002574129725	600257	4129725	3.81E-08	0.038	1.23E-04
6002674129725	600267	4129725	3.89E-08	0.039	1.26E-04
6002774129725	600277	4129725	3.98E-08	0.040	1.28E-04
6002874129725	600287	4129725	4.07E-08	0.041	1.32E-04
6002974129725	600297	4129725	4.17E-08	0.042	1.35E-04
6003074129725	600307	4129725	4.29E-08	0.043	1.39E-04
6003174129725	600317	4129725	4.42E-08	0.044	1.43E-04
6003274129725	600327	4129725	4.57E-08	0.046	1.48E-04
6003374129725	600337	4129725	4.73E-08	0.047	1.53E-04
6003474129725	600347	4129725	4.92E-08	0.049	1.59E-04
6003574129725	600357	4129725	5.13E-08	0.051	1.66E-04
6003674129725	600367	4129725	5.37E-08	0.054	1.74E-04
6003774129725	600377	4129725	5.65E-08	0.056	1.83E-04
6003874129725	600387	4129725	5.97E-08	0.060	1.93E-04
6003974129725	600397	4129725	6.32E-08	0.063	2.04E-04
6004074129725	600407	4129725	6.73E-08	0.067	2.18E-04
6004174129725	600417	4129725	7.20E-08	0.072	2.33E-04
6004274129725	600427	4129725	7.71E-08	0.077	2.49E-04
6004374129725	600437	4129725	8.28E-08	0.083	2.68E-04
6004474129725	600447	4129725	8.95E-08	0.089	2.89E-04
6004574129725	600457	4129725	9.67E-08	0.097	3.12E-04
6004674129725	600467	4129725	1.05E-07	0.105	3.38E-04
6004774129725	600477	4129725	1.13E-07	0.113	3.67E-04
6004874129725	600487	4129725	1.23E-07	0.123	3.97E-04
6004974129725	600497	4129725	1.33E-07	0.133	4.30E-04
6005074129725	600507	4129725	1.44E-07	0.144	4.64E-04
6005174129725	600517	4129725	1.55E-07	0.155	5.01E-04
6005274129725	600527	4129725	1.66E-07	0.166	5.38E-04
6005374129725	600537	4129725	1.78E-07	0.178	5.75E-04
6005474129725	600547	4129725	1.90E-07	0.190	6.13E-04
6005574129725	600557	4129725	2.01E-07	0.201	6.50E-04
6005674129725	600567	4129725	2.12E-07	0.212	6.86E-04
6005774129725	600577	4129725	2.23E-07	0.223	7.20E-04
6005874129725	600587	4129725	2.33E-07	0.233	7.52E-04
6005974129725	600597	4129725	2.42E-07	0.242	7.82E-04
6006074129725	600607	4129725	2.50E-07	0.250	8.09E-04
6006174129725	600617	4129725	2.58E-07	0.258	8.32E-04
6006274129725	600627	4129725	2.64E-07	0.264	8.52E-04
6006374129725	600637	4129725	2.69E-07	0.269	8.68E-04
6006474129725	600647	4129725	2.73E-07	0.273	8.82E-04
6006574129725	600657	4129725	2.77E-07	0.277	8.94E-04
6006674129725	600667	4129725	2.80E-07	0.280	9.04E-04
6006774129725	600677	4129725	2.82E-07	0.282	9.10E-04
6006874129725	600687	4129725	2.83E-07	0.283	9.15E-04
6006974129725	600697	4129725	2.84E-07	0.284	9.18E-04

6007074129725	600707	4129725	2.84E-07	0.284	9.19E-04
6007174129725	600717	4129725	2.84E-07	0.284	9.19E-04
6007274129725	600727	4129725	2.84E-07	0.284	9.18E-04
6007374129725	600737	4129725	2.84E-07	0.284	9.17E-04
6007474129725	600747	4129725	2.83E-07	0.283	9.14E-04
6007574129725	600757	4129725	2.82E-07	0.282	9.11E-04
6007674129725	600767	4129725	2.80E-07	0.280	9.06E-04
6007774129725	600777	4129725	2.79E-07	0.279	9.01E-04
6007874129725	600787	4129725	2.77E-07	0.277	8.96E-04
6007974129725	600797	4129725	2.75E-07	0.275	8.90E-04
6008074129725	600807	4129725	2.73E-07	0.273	8.83E-04
6008174129725	600817	4129725	2.71E-07	0.271	8.76E-04
6008274129725	600827	4129725	2.69E-07	0.269	8.68E-04
6002474129735	600247	4129735	3.89E-08	0.039	1.26E-04
6002574129735	600257	4129735	3.97E-08	0.040	1.28E-04
6002674129735	600267	4129735	4.05E-08	0.041	1.31E-04
6002774129735	600277	4129735	4.14E-08	0.041	1.34E-04
6002874129735	600287	4129735	4.24E-08	0.042	1.37E-04
6002974129735	600297	4129735	4.34E-08	0.043	1.40E-04
6003074129735	600307	4129735	4.46E-08	0.045	1.44E-04
6003174129735	600317	4129735	4.60E-08	0.046	1.49E-04
6003274129735	600327	4129735	4.74E-08	0.047	1.53E-04
6003374129735	600337	4129735	4.91E-08	0.049	1.59E-04
6003474129735	600347	4129735	5.10E-08	0.051	1.65E-04
6003574129735	600357	4129735	5.32E-08	0.053	1.72E-04
6003674129735	600367	4129735	5.57E-08	0.056	1.80E-04
6003774129735	600377	4129735	5.85E-08	0.059	1.89E-04
6003874129735	600387	4129735	6.18E-08	0.062	2.00E-04
6003974129735	600397	4129735	6.56E-08	0.066	2.12E-04
6004074129735	600407	4129735	6.99E-08	0.070	2.26E-04
6004174129735	600417	4129735	7.48E-08	0.075	2.42E-04
6004274129735	600427	4129735	8.03E-08	0.080	2.59E-04
6004374129735	600437	4129735	8.65E-08	0.086	2.80E-04
6004474129735	600447	4129735	9.35E-08	0.094	3.02E-04
6004574129735	600457	4129735	1.01E-07	0.101	3.27E-04
6004674129735	600467	4129735	1.10E-07	0.110	3.56E-04
6004774129735	600477	4129735	1.20E-07	0.120	3.87E-04
6004874129735	600487	4129735	1.30E-07	0.130	4.20E-04
6004974129735	600497	4129735	1.41E-07	0.141	4.56E-04
6005074129735	600507	4129735	1.53E-07	0.153	4.94E-04
6005174129735	600517	4129735	1.65E-07	0.165	5.35E-04
6005274129735	600527	4129735	1.78E-07	0.178	5.76E-04
6005374129735	600537	4129735	1.91E-07	0.191	6.17E-04
6005474129735	600547	4129735	2.04E-07	0.204	6.59E-04
6005574129735	600557	4129735	2.17E-07	0.217	7.00E-04
6005674129735	600567	4129735	2.29E-07	0.229	7.39E-04
6005774129735	600577	4129735	2.40E-07	0.240	7.76E-04
6005874129735	600587	4129735	2.51E-07	0.251	8.11E-04
6005974129735	600597	4129735	2.61E-07	0.261	8.43E-04
6006074129735	600607	4129735	2.70E-07	0.270	8.72E-04
6006174129735	600617	4129735	2.77E-07	0.277	8.97E-04
6006274129735	600627	4129735	2.84E-07	0.284	9.18E-04
6006374129735	600637	4129735	2.89E-07	0.289	9.34E-04
6006474129735	600647	4129735	2.93E-07	0.293	9.48E-04
6006574129735	600657	4129735	2.97E-07	0.297	9.60E-04



6006674129735	600667	4129735	3.00E-07	0.300	9.70E-04
6006774129735	600677	4129735	3.02E-07	0.302	9.76E-04
6006874129735	600687	4129735	3.03E-07	0.303	9.80E-04
6006974129735	600697	4129735	3.04E-07	0.304	9.82E-04
6007074129735	600707	4129735	3.04E-07	0.304	9.83E-04
6007174129735	600717	4129735	3.04E-07	0.304	9.82E-04
6007274129735	600727	4129735	3.03E-07	0.303	9.80E-04
6007374129735	600737	4129735	3.03E-07	0.303	9.78E-04
6007474129735	600747	4129735	3.01E-07	0.301	9.74E-04
6007574129735	600757	4129735	3.00E-07	0.300	9.69E-04
6007674129735	600767	4129735	2.98E-07	0.298	9.64E-04
6007774129735	600777	4129735	2.96E-07	0.296	9.58E-04
6007874129735	600787	4129735	2.94E-07	0.294	9.51E-04
6007974129735	600797	4129735	2.92E-07	0.292	9.44E-04
6008074129735	600807	4129735	2.90E-07	0.290	9.36E-04
6008174129735	600817	4129735	2.87E-07	0.287	9.27E-04
6008274129735	600827	4129735	2.84E-07	0.284	9.18E-04
6008374129735	600837	4129735	2.81E-07	0.281	9.08E-04
6002474129745	600247	4129745	4.07E-08	0.041	1.31E-04
6002574129745	600257	4129745	4.15E-08	0.041	1.34E-04
6002674129745	600267	4129745	4.23E-08	0.042	1.37E-04
6002774129745	600277	4129745	4.32E-08	0.043	1.40E-04
6002874129745	600287	4129745	4.42E-08	0.044	1.43E-04
6002974129745	600297	4129745	4.53E-08	0.045	1.46E-04
6003074129745	600307	4129745	4.65E-08	0.047	1.50E-04
6003174129745	600317	4129745	4.79E-08	0.048	1.55E-04
6003274129745	600327	4129745	4.94E-08	0.049	1.60E-04
6003374129745	600337	4129745	5.10E-08	0.051	1.65E-04
6003474129745	600347	4129745	5.30E-08	0.053	1.71E-04
6003574129745	600357	4129745	5.52E-08	0.055	1.78E-04
6003674129745	600367	4129745	5.78E-08	0.058	1.87E-04
6003774129745	600377	4129745	6.07E-08	0.061	1.96E-04
6003874129745	600387	4129745	6.41E-08	0.064	2.07E-04
6003974129745	600397	4129745	6.81E-08	0.068	2.20E-04
6004074129745	600407	4129745	7.25E-08	0.073	2.34E-04
6004174129745	600417	4129745	7.77E-08	0.078	2.51E-04
6004274129745	600427	4129745	8.36E-08	0.084	2.70E-04
6004374129745	600437	4129745	9.03E-08	0.090	2.92E-04
6004474129745	600447	4129745	9.78E-08	0.098	3.16E-04
6004574129745	600457	4129745	1.06E-07	0.106	3.44E-04
6004674129745	600467	4129745	1.16E-07	0.116	3.75E-04
6004774129745	600477	4129745	1.26E-07	0.126	4.08E-04
6004874129745	600487	4129745	1.38E-07	0.138	4.45E-04
6004974129745	600497	4129745	1.50E-07	0.150	4.85E-04
6005074129745	600507	4129745	1.63E-07	0.163	5.28E-04
6005174129745	600517	4129745	1.77E-07	0.177	5.72E-04
6005274129745	600527	4129745	1.91E-07	0.191	6.18E-04
6005374129745	600537	4129745	2.06E-07	0.206	6.64E-04
6005474129745	600547	4129745	2.20E-07	0.220	7.11E-04
6005574129745	600557	4129745	2.34E-07	0.234	7.56E-04
6005674129745	600567	4129745	2.47E-07	0.247	8.00E-04
6005774129745	600577	4129745	2.60E-07	0.260	8.40E-04
6005874129745	600587	4129745	2.72E-07	0.272	8.79E-04
6005974129745	600597	4129745	2.83E-07	0.283	9.13E-04
6006074129745	600607	4129745	2.92E-07	0.292	9.43E-04

6006174129745	600617	4129745	3.00E-07	0.300	9.69E-04
6006274129745	600627	4129745	3.06E-07	0.306	9.90E-04
6006374129745	600637	4129745	3.12E-07	0.312	1.01E-03
6006474129745	600647	4129745	3.16E-07	0.316	1.02E-03
6006574129745	600657	4129745	3.20E-07	0.320	1.03E-03
6006674129745	600667	4129745	3.23E-07	0.323	1.04E-03
6006774129745	600677	4129745	3.25E-07	0.325	1.05E-03
6006874129745	600687	4129745	3.26E-07	0.326	1.05E-03
6006974129745	600697	4129745	3.26E-07	0.326	1.05E-03
6007074129745	600707	4129745	3.26E-07	0.326	1.05E-03
6007174129745	600717	4129745	3.25E-07	0.325	1.05E-03
6007274129745	600727	4129745	3.24E-07	0.324	1.05E-03
6007374129745	600737	4129745	3.23E-07	0.323	1.04E-03
6007474129745	600747	4129745	3.22E-07	0.322	1.04E-03
6007574129745	600757	4129745	3.20E-07	0.320	1.03E-03
6007674129745	600767	4129745	3.18E-07	0.318	1.03E-03
6007774129745	600777	4129745	3.15E-07	0.315	1.02E-03
6007874129745	600787	4129745	3.13E-07	0.313	1.01E-03
6007974129745	600797	4129745	3.10E-07	0.310	1.00E-03
6008074129745	600807	4129745	3.07E-07	0.307	9.92E-04
6008174129745	600817	4129745	3.04E-07	0.304	9.81E-04
6008274129745	600827	4129745	3.00E-07	0.300	9.70E-04
6008374129745	600837	4129745	2.96E-07	0.296	9.58E-04
6002374129755	600237	4129755	4.18E-08	0.042	1.35E-04
6002474129755	600247	4129755	4.26E-08	0.043	1.38E-04
6002574129755	600257	4129755	4.34E-08	0.043	1.40E-04
6002674129755	600267	4129755	4.43E-08	0.044	1.43E-04
6002774129755	600277	4129755	4.52E-08	0.045	1.46E-04
6002874129755	600287	4129755	4.62E-08	0.046	1.49E-04
6002974129755	600297	4129755	4.73E-08	0.047	1.53E-04
6003074129755	600307	4129755	4.86E-08	0.049	1.57E-04
6003174129755	600317	4129755	4.99E-08	0.050	1.61E-04
6003274129755	600327	4129755	5.15E-08	0.051	1.66E-04
6003374129755	600337	4129755	5.32E-08	0.053	1.72E-04
6003474129755	600347	4129755	5.51E-08	0.055	1.78E-04
6003574129755	600357	4129755	5.74E-08	0.057	1.86E-04
6003674129755	600367	4129755	6.00E-08	0.060	1.94E-04
6003774129755	600377	4129755	6.31E-08	0.063	2.04E-04
6003874129755	600387	4129755	6.66E-08	0.067	2.15E-04
6003974129755	600397	4129755	7.08E-08	0.071	2.29E-04
6004074129755	600407	4129755	7.55E-08	0.075	2.44E-04
6004174129755	600417	4129755	8.09E-08	0.081	2.61E-04
6004274129755	600427	4129755	8.72E-08	0.087	2.82E-04
6004374129755	600437	4129755	9.43E-08	0.094	3.05E-04
6004474129755	600447	4129755	1.03E-07	0.103	3.31E-04
6004574129755	600457	4129755	1.12E-07	0.112	3.62E-04
6004674129755	600467	4129755	1.22E-07	0.122	3.95E-04
6004774129755	600477	4129755	1.34E-07	0.134	4.32E-04
6004874129755	600487	4129755	1.46E-07	0.146	4.72E-04
6004974129755	600497	4129755	1.60E-07	0.160	5.17E-04
6005074129755	600507	4129755	1.75E-07	0.175	5.64E-04
6005174129755	600517	4129755	1.90E-07	0.190	6.14E-04
6005274129755	600527	4129755	2.06E-07	0.206	6.65E-04
6005374129755	600537	4129755	2.22E-07	0.222	7.17E-04
6005474129755	600547	4129755	2.38E-07	0.238	7.69E-04

6005574129755	600557	4129755	2.53E-07	0.253	8.19E-04
6005674129755	600567	4129755	2.68E-07	0.268	8.67E-04
6005774129755	600577	4129755	2.83E-07	0.283	9.13E-04
6005874129755	600587	4129755	2.95E-07	0.295	9.55E-04
6005974129755	600597	4129755	3.07E-07	0.307	9.91E-04
6006074129755	600607	4129755	3.17E-07	0.317	1.02E-03
6006174129755	600617	4129755	3.25E-07	0.325	1.05E-03
6006274129755	600627	4129755	3.32E-07	0.332	1.07E-03
6006374129755	600637	4129755	3.37E-07	0.337	1.09E-03
6006474129755	600647	4129755	3.42E-07	0.342	1.11E-03
6006574129755	600657	4129755	3.46E-07	0.346	1.12E-03
6006674129755	600667	4129755	3.48E-07	0.348	1.12E-03
6006774129755	600677	4129755	3.50E-07	0.350	1.13E-03
6006874129755	600687	4129755	3.50E-07	0.350	1.13E-03
6006974129755	600697	4129755	3.50E-07	0.350	1.13E-03
6007074129755	600707	4129755	3.50E-07	0.350	1.13E-03
6007174129755	600717	4129755	3.49E-07	0.349	1.13E-03
6007274129755	600727	4129755	3.48E-07	0.348	1.12E-03
6007374129755	600737	4129755	3.46E-07	0.346	1.12E-03
6007474129755	600747	4129755	3.44E-07	0.344	1.11E-03
6007574129755	600757	4129755	3.42E-07	0.342	1.10E-03
6007674129755	600767	4129755	3.39E-07	0.339	1.10E-03
6007774129755	600777	4129755	3.36E-07	0.336	1.09E-03
6007874129755	600787	4129755	3.33E-07	0.333	1.08E-03
6007974129755	600797	4129755	3.29E-07	0.329	1.06E-03
6008074129755	600807	4129755	3.25E-07	0.325	1.05E-03
6008174129755	600817	4129755	3.21E-07	0.321	1.04E-03
6008274129755	600827	4129755	3.17E-07	0.317	1.02E-03
6008374129755	600837	4129755	3.13E-07	0.313	1.01E-03
6008474129755	600847	4129755	3.08E-07	0.308	9.95E-04
6002274129765	600227	4129765	4.30E-08	0.043	1.39E-04
6002374129765	600237	4129765	4.38E-08	0.044	1.42E-04
6002474129765	600247	4129765	4.47E-08	0.045	1.44E-04
6002574129765	600257	4129765	4.55E-08	0.046	1.47E-04
6002674129765	600267	4129765	4.64E-08	0.046	1.50E-04
6002774129765	600277	4129765	4.74E-08	0.047	1.53E-04
6002874129765	600287	4129765	4.84E-08	0.048	1.57E-04
6002974129765	600297	4129765	4.96E-08	0.050	1.60E-04
6003074129765	600307	4129765	5.08E-08	0.051	1.64E-04
6003174129765	600317	4129765	5.22E-08	0.052	1.69E-04
6003274129765	600327	4129765	5.38E-08	0.054	1.74E-04
6003374129765	600337	4129765	5.55E-08	0.056	1.79E-04
6003474129765	600347	4129765	5.75E-08	0.058	1.86E-04
6003574129765	600357	4129765	5.98E-08	0.060	1.93E-04
6003674129765	600367	4129765	6.25E-08	0.063	2.02E-04
6003774129765	600377	4129765	6.57E-08	0.066	2.12E-04
6003874129765	600387	4129765	6.93E-08	0.069	2.24E-04
6003974129765	600397	4129765	7.36E-08	0.074	2.38E-04
6004074129765	600407	4129765	7.85E-08	0.079	2.54E-04
6004174129765	600417	4129765	8.43E-08	0.084	2.72E-04
6004274129765	600427	4129765	9.09E-08	0.091	2.94E-04
6004374129765	600437	4129765	9.87E-08	0.099	3.19E-04
6004474129765	600447	4129765	1.08E-07	0.108	3.48E-04
6004574129765	600457	4129765	1.18E-07	0.118	3.81E-04
6004674129765	600467	4129765	1.29E-07	0.129	4.17E-04

6004774129765	600477	4129765	1.42E-07	0.142	4.58E-04
6004874129765	600487	4129765	1.56E-07	0.156	5.03E-04
6004974129765	600497	4129765	1.71E-07	0.171	5.52E-04
6005074129765	600507	4129765	1.87E-07	0.187	6.05E-04
6005174129765	600517	4129765	2.04E-07	0.204	6.59E-04
6005274129765	600527	4129765	2.22E-07	0.222	7.17E-04
6005374129765	600537	4129765	2.40E-07	0.240	7.76E-04
6005474129765	600547	4129765	2.58E-07	0.258	8.34E-04
6005574129765	600557	4129765	2.75E-07	0.275	8.90E-04
6005674129765	600567	4129765	2.92E-07	0.292	9.44E-04
6005774129765	600577	4129765	3.08E-07	0.308	9.95E-04
6005874129765	600587	4129765	3.22E-07	0.322	1.04E-03
6005974129765	600597	4129765	3.34E-07	0.334	1.08E-03
6006074129765	600607	4129765	3.45E-07	0.345	1.11E-03
6006174129765	600617	4129765	3.53E-07	0.353	1.14E-03
6006274129765	600627	4129765	3.60E-07	0.360	1.16E-03
6006374129765	600637	4129765	3.66E-07	0.366	1.18E-03
6006474129765	600647	4129765	3.71E-07	0.371	1.20E-03
6006574129765	600657	4129765	3.74E-07	0.374	1.21E-03
6006674129765	600667	4129765	3.76E-07	0.376	1.22E-03
6006774129765	600677	4129765	3.78E-07	0.378	1.22E-03
6006874129765	600687	4129765	3.78E-07	0.378	1.22E-03
6006974129765	600697	4129765	3.78E-07	0.378	1.22E-03
6007074129765	600707	4129765	3.77E-07	0.377	1.22E-03
6007174129765	600717	4129765	3.76E-07	0.376	1.21E-03
6007274129765	600727	4129765	3.74E-07	0.374	1.21E-03
6007374129765	600737	4129765	3.72E-07	0.372	1.20E-03
6007474129765	600747	4129765	3.69E-07	0.369	1.19E-03
6007574129765	600757	4129765	3.66E-07	0.366	1.18E-03
6007674129765	600767	4129765	3.62E-07	0.362	1.17E-03
6007774129765	600777	4129765	3.58E-07	0.358	1.16E-03
6007874129765	600787	4129765	3.54E-07	0.354	1.15E-03
6007974129765	600797	4129765	3.50E-07	0.350	1.13E-03
6008074129765	600807	4129765	3.45E-07	0.345	1.12E-03
6008174129765	600817	4129765	3.40E-07	0.340	1.10E-03
6008274129765	600827	4129765	3.35E-07	0.335	1.08E-03
6008374129765	600837	4129765	3.30E-07	0.330	1.07E-03
6008474129765	600847	4129765	3.24E-07	0.324	1.05E-03
6008574129765	600857	4129765	3.18E-07	0.318	1.03E-03
6002274129775	600227	4129775	4.52E-08	0.045	1.46E-04
6002374129775	600237	4129775	4.61E-08	0.046	1.49E-04
6002474129775	600247	4129775	4.70E-08	0.047	1.52E-04
6002574129775	600257	4129775	4.79E-08	0.048	1.55E-04
6002674129775	600267	4129775	4.88E-08	0.049	1.58E-04
6002774129775	600277	4129775	4.98E-08	0.050	1.61E-04
6002874129775	600287	4129775	5.09E-08	0.051	1.64E-04
6002974129775	600297	4129775	5.21E-08	0.052	1.68E-04
6003074129775	600307	4129775	5.33E-08	0.053	1.72E-04
6003174129775	600317	4129775	5.47E-08	0.055	1.77E-04
6003274129775	600327	4129775	5.63E-08	0.056	1.82E-04
6003374129775	600337	4129775	5.81E-08	0.058	1.88E-04
6003474129775	600347	4129775	6.01E-08	0.060	1.94E-04
6003574129775	600357	4129775	6.25E-08	0.062	2.02E-04
6003674129775	600367	4129775	6.52E-08	0.065	2.11E-04
6003774129775	600377	4129775	6.85E-08	0.068	2.21E-04

6003874129775	600387	4129775	7.23E-08	0.072	2.33E-04
6003974129775	600397	4129775	7.67E-08	0.077	2.48E-04
6004074129775	600407	4129775	8.18E-08	0.082	2.64E-04
6004174129775	600417	4129775	8.79E-08	0.088	2.84E-04
6004274129775	600427	4129775	9.51E-08	0.095	3.07E-04
6004374129775	600437	4129775	1.04E-07	0.104	3.35E-04
6004474129775	600447	4129775	1.13E-07	0.113	3.66E-04
6004574129775	600457	4129775	1.24E-07	0.124	4.01E-04
6004674129775	600467	4129775	1.36E-07	0.136	4.41E-04
6004774129775	600477	4129775	1.50E-07	0.150	4.86E-04
6004874129775	600487	4129775	1.66E-07	0.166	5.37E-04
6004974129775	600497	4129775	1.83E-07	0.183	5.91E-04
6005074129775	600507	4129775	2.01E-07	0.201	6.50E-04
6005174129775	600517	4129775	2.20E-07	0.220	7.12E-04
6005274129775	600527	4129775	2.40E-07	0.240	7.76E-04
6005374129775	600537	4129775	2.61E-07	0.261	8.42E-04
6005474129775	600547	4129775	2.81E-07	0.281	9.08E-04
6005574129775	600557	4129775	3.01E-07	0.301	9.71E-04
6005674129775	600567	4129775	3.19E-07	0.319	1.03E-03
6005774129775	600577	4129775	3.36E-07	0.336	1.09E-03
6005874129775	600587	4129775	3.52E-07	0.352	1.14E-03
6005974129775	600597	4129775	3.66E-07	0.366	1.18E-03
6006074129775	600607	4129775	3.76E-07	0.376	1.22E-03
6006174129775	600617	4129775	3.85E-07	0.385	1.25E-03
6006274129775	600627	4129775	3.93E-07	0.393	1.27E-03
6006374129775	600637	4129775	3.99E-07	0.399	1.29E-03
6006474129775	600647	4129775	4.03E-07	0.403	1.30E-03
6006574129775	600657	4129775	4.06E-07	0.406	1.31E-03
6006674129775	600667	4129775	4.08E-07	0.408	1.32E-03
6006774129775	600677	4129775	4.09E-07	0.409	1.32E-03
6006874129775	600687	4129775	4.09E-07	0.409	1.32E-03
6006974129775	600697	4129775	4.09E-07	0.409	1.32E-03
6007074129775	600707	4129775	4.07E-07	0.407	1.32E-03
6007174129775	600717	4129775	4.05E-07	0.405	1.31E-03
6007274129775	600727	4129775	4.03E-07	0.403	1.30E-03
6007374129775	600737	4129775	3.99E-07	0.399	1.29E-03
6007474129775	600747	4129775	3.96E-07	0.396	1.28E-03
6007574129775	600757	4129775	3.92E-07	0.392	1.27E-03
6007674129775	600767	4129775	3.87E-07	0.387	1.25E-03
6007774129775	600777	4129775	3.83E-07	0.383	1.24E-03
6007874129775	600787	4129775	3.77E-07	0.377	1.22E-03
6007974129775	600797	4129775	3.72E-07	0.372	1.20E-03
6008074129775	600807	4129775	3.66E-07	0.366	1.18E-03
6008174129775	600817	4129775	3.60E-07	0.360	1.16E-03
6008274129775	600827	4129775	3.54E-07	0.354	1.14E-03
6008374129775	600837	4129775	3.47E-07	0.347	1.12E-03
6008474129775	600847	4129775	3.40E-07	0.340	1.10E-03
6008574129775	600857	4129775	3.34E-07	0.334	1.08E-03
6002174129785	600217	4129785	4.67E-08	0.047	1.51E-04
6002274129785	600227	4129785	4.76E-08	0.048	1.54E-04
6002374129785	600237	4129785	4.86E-08	0.049	1.57E-04
6002474129785	600247	4129785	4.95E-08	0.049	1.60E-04
6002574129785	600257	4129785	5.04E-08	0.050	1.63E-04
6002674129785	600267	4129785	5.14E-08	0.051	1.66E-04
6002774129785	600277	4129785	5.25E-08	0.052	1.70E-04

6002874129785	600287	4129785	5.36E-08	0.054	1.73E-04
6002974129785	600297	4129785	5.48E-08	0.055	1.77E-04
6003074129785	600307	4129785	5.61E-08	0.056	1.81E-04
6003174129785	600317	4129785	5.75E-08	0.058	1.86E-04
6003274129785	600327	4129785	5.91E-08	0.059	1.91E-04
6003374129785	600337	4129785	6.09E-08	0.061	1.97E-04
6003474129785	600347	4129785	6.30E-08	0.063	2.04E-04
6003574129785	600357	4129785	6.54E-08	0.065	2.11E-04
6003674129785	600367	4129785	6.82E-08	0.068	2.21E-04
6003774129785	600377	4129785	7.16E-08	0.072	2.31E-04
6003874129785	600387	4129785	7.55E-08	0.075	2.44E-04
6003974129785	600397	4129785	8.00E-08	0.080	2.59E-04
6004074129785	600407	4129785	8.54E-08	0.085	2.76E-04
6004174129785	600417	4129785	9.19E-08	0.092	2.97E-04
6004274129785	600427	4129785	9.97E-08	0.100	3.22E-04
6004374129785	600437	4129785	1.09E-07	0.109	3.51E-04
6004474129785	600447	4129785	1.19E-07	0.119	3.85E-04
6004574129785	600457	4129785	1.31E-07	0.131	4.23E-04
6004674129785	600467	4129785	1.45E-07	0.145	4.67E-04
6004774129785	600477	4129785	1.60E-07	0.160	5.18E-04
6004874129785	600487	4129785	1.77E-07	0.177	5.73E-04
6004974129785	600497	4129785	1.96E-07	0.196	6.35E-04
6005074129785	600507	4129785	2.17E-07	0.217	7.01E-04
6005174129785	600517	4129785	2.39E-07	0.239	7.71E-04
6005274129785	600527	4129785	2.61E-07	0.261	8.44E-04
6005374129785	600537	4129785	2.84E-07	0.284	9.19E-04
6005474129785	600547	4129785	3.07E-07	0.307	9.93E-04
6005574129785	600557	4129785	3.30E-07	0.330	1.06E-03
6005674129785	600567	4129785	3.50E-07	0.350	1.13E-03
6005774129785	600577	4129785	3.69E-07	0.369	1.19E-03
6005874129785	600587	4129785	3.87E-07	0.387	1.25E-03
6005974129785	600597	4129785	4.01E-07	0.401	1.30E-03
6006074129785	600607	4129785	4.12E-07	0.412	1.33E-03
6006174129785	600617	4129785	4.23E-07	0.423	1.37E-03
6006274129785	600627	4129785	4.31E-07	0.431	1.39E-03
6006374129785	600637	4129785	4.37E-07	0.437	1.41E-03
6006474129785	600647	4129785	4.41E-07	0.441	1.42E-03
6006574129785	600657	4129785	4.43E-07	0.443	1.43E-03
6006674129785	600667	4129785	4.45E-07	0.445	1.44E-03
6006774129785	600677	4129785	4.45E-07	0.445	1.44E-03
6006874129785	600687	4129785	4.45E-07	0.445	1.44E-03
6006974129785	600697	4129785	4.43E-07	0.443	1.43E-03
6007074129785	600707	4129785	4.41E-07	0.441	1.43E-03
6007174129785	600717	4129785	4.38E-07	0.438	1.42E-03
6007274129785	600727	4129785	4.34E-07	0.434	1.40E-03
6007374129785	600737	4129785	4.30E-07	0.430	1.39E-03
6007474129785	600747	4129785	4.26E-07	0.426	1.38E-03
6007574129785	600757	4129785	4.20E-07	0.420	1.36E-03
6007674129785	600767	4129785	4.14E-07	0.414	1.34E-03
6007774129785	600777	4129785	4.08E-07	0.408	1.32E-03
6007874129785	600787	4129785	4.02E-07	0.402	1.30E-03
6007974129785	600797	4129785	3.95E-07	0.395	1.28E-03
6008074129785	600807	4129785	3.88E-07	0.388	1.25E-03
6008174129785	600817	4129785	3.80E-07	0.380	1.23E-03
6008274129785	600827	4129785	3.73E-07	0.373	1.20E-03

6008374129785	600837	4129785	3.65E-07	0.365	1.18E-03
6008474129785	600847	4129785	3.57E-07	0.357	1.15E-03
6008574129785	600857	4129785	3.49E-07	0.349	1.13E-03
6008674129785	600867	4129785	3.41E-07	0.341	1.10E-03
6002174129795	600217	4129795	4.93E-08	0.049	1.59E-04
6002274129795	600227	4129795	5.03E-08	0.050	1.63E-04
6002374129795	600237	4129795	5.12E-08	0.051	1.66E-04
6002474129795	600247	4129795	5.22E-08	0.052	1.69E-04
6002574129795	600257	4129795	5.32E-08	0.053	1.72E-04
6002674129795	600267	4129795	5.43E-08	0.054	1.76E-04
6002774129795	600277	4129795	5.54E-08	0.055	1.79E-04
6002874129795	600287	4129795	5.66E-08	0.057	1.83E-04
6002974129795	600297	4129795	5.78E-08	0.058	1.87E-04
6003074129795	600307	4129795	5.92E-08	0.059	1.91E-04
6003174129795	600317	4129795	6.07E-08	0.061	1.96E-04
6003274129795	600327	4129795	6.23E-08	0.062	2.01E-04
6003374129795	600337	4129795	6.41E-08	0.064	2.07E-04
6003474129795	600347	4129795	6.62E-08	0.066	2.14E-04
6003574129795	600357	4129795	6.87E-08	0.069	2.22E-04
6003674129795	600367	4129795	7.16E-08	0.072	2.31E-04
6003774129795	600377	4129795	7.50E-08	0.075	2.42E-04
6003874129795	600387	4129795	7.89E-08	0.079	2.55E-04
6003974129795	600397	4129795	8.37E-08	0.084	2.71E-04
6004074129795	600407	4129795	8.94E-08	0.089	2.89E-04
6004174129795	600417	4129795	9.64E-08	0.096	3.11E-04
6004274129795	600427	4129795	1.05E-07	0.105	3.38E-04
6004374129795	600437	4129795	1.14E-07	0.114	3.69E-04
6004474129795	600447	4129795	1.25E-07	0.125	4.05E-04
6004574129795	600457	4129795	1.39E-07	0.139	4.48E-04
6004674129795	600467	4129795	1.54E-07	0.154	4.96E-04
6004774129795	600477	4129795	1.71E-07	0.171	5.51E-04
6004874129795	600487	4129795	1.90E-07	0.190	6.13E-04
6004974129795	600497	4129795	2.11E-07	0.211	6.83E-04
6005074129795	600507	4129795	2.34E-07	0.234	7.58E-04
6005174129795	600517	4129795	2.59E-07	0.259	8.38E-04
6005274129795	600527	4129795	2.85E-07	0.285	9.21E-04
6005374129795	600537	4129795	3.12E-07	0.312	1.01E-03
6005474129795	600547	4129795	3.38E-07	0.338	1.09E-03
6005574129795	600557	4129795	3.63E-07	0.363	1.17E-03
6005674129795	600567	4129795	3.87E-07	0.387	1.25E-03
6005774129795	600577	4129795	4.08E-07	0.408	1.32E-03
6005874129795	600587	4129795	4.26E-07	0.426	1.38E-03
6005974129795	600597	4129795	4.42E-07	0.442	1.43E-03
6006074129795	600607	4129795	4.55E-07	0.455	1.47E-03
6006174129795	600617	4129795	4.66E-07	0.466	1.51E-03
6006274129795	600627	4129795	4.74E-07	0.474	1.53E-03
6006374129795	600637	4129795	4.80E-07	0.480	1.55E-03
6006474129795	600647	4129795	4.84E-07	0.484	1.56E-03
6006574129795	600657	4129795	4.85E-07	0.485	1.57E-03
6006674129795	600667	4129795	4.86E-07	0.486	1.57E-03
6006774129795	600677	4129795	4.86E-07	0.486	1.57E-03
6006874129795	600687	4129795	4.85E-07	0.485	1.57E-03
6006974129795	600697	4129795	4.82E-07	0.482	1.56E-03
6007074129795	600707	4129795	4.79E-07	0.479	1.55E-03
6007174129795	600717	4129795	4.75E-07	0.475	1.53E-03

6007274129795	600727	4129795	4.70E-07	0.470	1.52E-03
6007374129795	600737	4129795	4.64E-07	0.464	1.50E-03
6007474129795	600747	4129795	4.58E-07	0.458	1.48E-03
6007574129795	600757	4129795	4.51E-07	0.451	1.46E-03
6007674129795	600767	4129795	4.44E-07	0.444	1.43E-03
6007774129795	600777	4129795	4.36E-07	0.436	1.41E-03
6007874129795	600787	4129795	4.27E-07	0.427	1.38E-03
6007974129795	600797	4129795	4.19E-07	0.419	1.35E-03
6008074129795	600807	4129795	4.10E-07	0.410	1.33E-03
6008174129795	600817	4129795	4.01E-07	0.401	1.30E-03
6008274129795	600827	4129795	3.92E-07	0.392	1.27E-03
6008374129795	600837	4129795	3.83E-07	0.383	1.24E-03
6008474129795	600847	4129795	3.74E-07	0.374	1.21E-03
6008574129795	600857	4129795	3.65E-07	0.365	1.18E-03
6008674129795	600867	4129795	3.55E-07	0.355	1.15E-03
6008774129795	600877	4129795	3.46E-07	0.346	1.12E-03
6002074129805	600207	4129805	5.11E-08	0.051	1.65E-04
6002174129805	600217	4129805	5.21E-08	0.052	1.68E-04
6002274129805	600227	4129805	5.32E-08	0.053	1.72E-04
6002374129805	600237	4129805	5.42E-08	0.054	1.75E-04
6002474129805	600247	4129805	5.53E-08	0.055	1.79E-04
6002574129805	600257	4129805	5.64E-08	0.056	1.82E-04
6002674129805	600267	4129805	5.75E-08	0.057	1.86E-04
6002774129805	600277	4129805	5.87E-08	0.059	1.90E-04
6002874129805	600287	4129805	5.99E-08	0.060	1.94E-04
6002974129805	600297	4129805	6.12E-08	0.061	1.98E-04
6003074129805	600307	4129805	6.26E-08	0.063	2.02E-04
6003174129805	600317	4129805	6.41E-08	0.064	2.07E-04
6003274129805	600327	4129805	6.58E-08	0.066	2.13E-04
6003374129805	600337	4129805	6.77E-08	0.068	2.19E-04
6003474129805	600347	4129805	6.99E-08	0.070	2.26E-04
6003574129805	600357	4129805	7.24E-08	0.072	2.34E-04
6003674129805	600367	4129805	7.53E-08	0.075	2.43E-04
6003774129805	600377	4129805	7.87E-08	0.079	2.54E-04
6003874129805	600387	4129805	8.28E-08	0.083	2.68E-04
6003974129805	600397	4129805	8.78E-08	0.088	2.84E-04
6004074129805	600407	4129805	9.39E-08	0.094	3.03E-04
6004174129805	600417	4129805	1.01E-07	0.101	3.27E-04
6004274129805	600427	4129805	1.10E-07	0.110	3.55E-04
6004374129805	600437	4129805	1.20E-07	0.120	3.89E-04
6004474129805	600447	4129805	1.33E-07	0.133	4.28E-04
6004574129805	600457	4129805	1.47E-07	0.147	4.74E-04
6004674129805	600467	4129805	1.63E-07	0.163	5.28E-04
6004774129805	600477	4129805	1.82E-07	0.182	5.88E-04
6004874129805	600487	4129805	2.04E-07	0.204	6.58E-04
6004974129805	600497	4129805	2.28E-07	0.228	7.36E-04
6005074129805	600507	4129805	2.54E-07	0.254	8.22E-04
6005174129805	600517	4129805	2.83E-07	0.283	9.14E-04
6005274129805	600527	4129805	3.13E-07	0.313	1.01E-03
6005374129805	600537	4129805	3.43E-07	0.343	1.11E-03
6005474129805	600547	4129805	3.73E-07	0.373	1.21E-03
6005574129805	600557	4129805	4.02E-07	0.402	1.30E-03
6005674129805	600567	4129805	4.29E-07	0.429	1.39E-03
6005774129805	600577	4129805	4.53E-07	0.453	1.46E-03
6005874129805	600587	4129805	4.73E-07	0.473	1.53E-03



6005974129805	600597	4129805	4.91E-07	0.491	1.59E-03
6006074129805	600607	4129805	5.05E-07	0.505	1.63E-03
6006174129805	600617	4129805	5.16E-07	0.516	1.67E-03
6006274129805	600627	4129805	5.24E-07	0.524	1.69E-03
6006374129805	600637	4129805	5.30E-07	0.530	1.71E-03
6006474129805	600647	4129805	5.33E-07	0.533	1.72E-03
6006574129805	600657	4129805	5.34E-07	0.534	1.73E-03
6006674129805	600667	4129805	5.34E-07	0.534	1.73E-03
6006774129805	600677	4129805	5.33E-07	0.533	1.72E-03
6006874129805	600687	4129805	5.30E-07	0.530	1.71E-03
6006974129805	600697	4129805	5.26E-07	0.526	1.70E-03
6007074129805	600707	4129805	5.21E-07	0.521	1.68E-03
6007174129805	600717	4129805	5.15E-07	0.515	1.67E-03
6007274129805	600727	4129805	5.08E-07	0.508	1.64E-03
6007374129805	600737	4129805	5.01E-07	0.501	1.62E-03
6007474129805	600747	4129805	4.93E-07	0.493	1.59E-03
6007574129805	600757	4129805	4.84E-07	0.484	1.56E-03
6007674129805	600767	4129805	4.74E-07	0.474	1.53E-03
6007774129805	600777	4129805	4.65E-07	0.465	1.50E-03
6007874129805	600787	4129805	4.54E-07	0.454	1.47E-03
6007974129805	600797	4129805	4.44E-07	0.444	1.43E-03
6008074129805	600807	4129805	4.33E-07	0.433	1.40E-03
6008174129805	600817	4129805	4.23E-07	0.423	1.37E-03
6008274129805	600827	4129805	4.12E-07	0.412	1.33E-03
6008374129805	600837	4129805	4.01E-07	0.401	1.30E-03
6008474129805	600847	4129805	3.90E-07	0.390	1.26E-03
6008574129805	600857	4129805	3.80E-07	0.380	1.23E-03
6008674129805	600867	4129805	3.69E-07	0.369	1.19E-03
6008774129805	600877	4129805	3.59E-07	0.359	1.16E-03
6002074129815	600207	4129815	5.40E-08	0.054	1.75E-04
6002174129815	600217	4129815	5.51E-08	0.055	1.78E-04
6002274129815	600227	4129815	5.63E-08	0.056	1.82E-04
6002374129815	600237	4129815	5.75E-08	0.057	1.86E-04
6002474129815	600247	4129815	5.86E-08	0.059	1.89E-04
6002574129815	600257	4129815	5.98E-08	0.060	1.93E-04
6002674129815	600267	4129815	6.10E-08	0.061	1.97E-04
6002774129815	600277	4129815	6.23E-08	0.062	2.01E-04
6002874129815	600287	4129815	6.36E-08	0.064	2.06E-04
6002974129815	600297	4129815	6.50E-08	0.065	2.10E-04
6003074129815	600307	4129815	6.65E-08	0.066	2.15E-04
6003174129815	600317	4129815	6.80E-08	0.068	2.20E-04
6003274129815	600327	4129815	6.98E-08	0.070	2.26E-04
6003374129815	600337	4129815	7.17E-08	0.072	2.32E-04
6003474129815	600347	4129815	7.40E-08	0.074	2.39E-04
6003574129815	600357	4129815	7.65E-08	0.077	2.47E-04
6003674129815	600367	4129815	7.95E-08	0.079	2.57E-04
6003774129815	600377	4129815	8.30E-08	0.083	2.68E-04
6003874129815	600387	4129815	8.72E-08	0.087	2.82E-04
6003974129815	600397	4129815	9.24E-08	0.092	2.99E-04
6004074129815	600407	4129815	9.89E-08	0.099	3.20E-04
6004174129815	600417	4129815	1.07E-07	0.107	3.44E-04
6004274129815	600427	4129815	1.16E-07	0.116	3.74E-04
6004374129815	600437	4129815	1.27E-07	0.127	4.10E-04
6004474129815	600447	4129815	1.40E-07	0.140	4.53E-04
6004574129815	600457	4129815	1.56E-07	0.156	5.04E-04

6004674129815	600467	4129815	1.74E-07	0.174	5.62E-04
6004774129815	600477	4129815	1.95E-07	0.195	6.30E-04
6004874129815	600487	4129815	2.19E-07	0.219	7.08E-04
6004974129815	600497	4129815	2.47E-07	0.247	7.97E-04
6005074129815	600507	4129815	2.77E-07	0.277	8.96E-04
6005174129815	600517	4129815	3.10E-07	0.310	1.00E-03
6005274129815	600527	4129815	3.45E-07	0.345	1.11E-03
6005374129815	600537	4129815	3.80E-07	0.380	1.23E-03
6005474129815	600547	4129815	4.15E-07	0.415	1.34E-03
6005574129815	600557	4129815	4.48E-07	0.448	1.45E-03
6005674129815	600567	4129815	4.79E-07	0.479	1.55E-03
6005774129815	600577	4129815	5.06E-07	0.506	1.64E-03
6005874129815	600587	4129815	5.29E-07	0.529	1.71E-03
6005974129815	600597	4129815	5.48E-07	0.548	1.77E-03
6006074129815	600607	4129815	5.63E-07	0.563	1.82E-03
6006174129815	600617	4129815	5.75E-07	0.575	1.86E-03
6006274129815	600627	4129815	5.83E-07	0.583	1.89E-03
6006374129815	600637	4129815	5.88E-07	0.588	1.90E-03
6006474129815	600647	4129815	5.90E-07	0.590	1.91E-03
6006574129815	600657	4129815	5.91E-07	0.591	1.91E-03
6006674129815	600667	4129815	5.89E-07	0.589	1.90E-03
6006774129815	600677	4129815	5.86E-07	0.586	1.89E-03
6006874129815	600687	4129815	5.81E-07	0.581	1.88E-03
6006974129815	600697	4129815	5.75E-07	0.575	1.86E-03
6007074129815	600707	4129815	5.68E-07	0.568	1.84E-03
6007174129815	600717	4129815	5.60E-07	0.560	1.81E-03
6007274129815	600727	4129815	5.51E-07	0.551	1.78E-03
6007374129815	600737	4129815	5.41E-07	0.541	1.75E-03
6007474129815	600747	4129815	5.30E-07	0.530	1.71E-03
6007574129815	600757	4129815	5.19E-07	0.519	1.68E-03
6007674129815	600767	4129815	5.07E-07	0.507	1.64E-03
6007774129815	600777	4129815	4.95E-07	0.495	1.60E-03
6007874129815	600787	4129815	4.82E-07	0.482	1.56E-03
6007974129815	600797	4129815	4.70E-07	0.470	1.52E-03
6008074129815	600807	4129815	4.57E-07	0.457	1.48E-03
6008174129815	600817	4129815	4.44E-07	0.444	1.44E-03
6008274129815	600827	4129815	4.31E-07	0.431	1.39E-03
6008374129815	600837	4129815	4.19E-07	0.419	1.35E-03
6008474129815	600847	4129815	4.06E-07	0.406	1.31E-03
6008574129815	600857	4129815	3.94E-07	0.394	1.27E-03
6008674129815	600867	4129815	3.82E-07	0.382	1.23E-03
6008774129815	600877	4129815	3.70E-07	0.370	1.20E-03
6008874129815	600887	4129815	3.59E-07	0.359	1.16E-03
6001974129825	600197	4129825	5.60E-08	0.056	1.81E-04
6002074129825	600207	4129825	5.73E-08	0.057	1.85E-04
6002174129825	600217	4129825	5.85E-08	0.059	1.89E-04
6002274129825	600227	4129825	5.98E-08	0.060	1.93E-04
6002374129825	600237	4129825	6.10E-08	0.061	1.97E-04
6002474129825	600247	4129825	6.24E-08	0.062	2.02E-04
6002574129825	600257	4129825	6.37E-08	0.064	2.06E-04
6002674129825	600267	4129825	6.50E-08	0.065	2.10E-04
6002774129825	600277	4129825	6.64E-08	0.066	2.15E-04
6002874129825	600287	4129825	6.78E-08	0.068	2.19E-04
6002974129825	600297	4129825	6.92E-08	0.069	2.24E-04
6003074129825	600307	4129825	7.08E-08	0.071	2.29E-04

6003174129825	600317	4129825	7.25E-08	0.072	2.34E-04
6003274129825	600327	4129825	7.43E-08	0.074	2.40E-04
6003374129825	600337	4129825	7.63E-08	0.076	2.47E-04
6003474129825	600347	4129825	7.86E-08	0.079	2.54E-04
6003574129825	600357	4129825	8.12E-08	0.081	2.62E-04
6003674129825	600367	4129825	8.42E-08	0.084	2.72E-04
6003774129825	600377	4129825	8.78E-08	0.088	2.84E-04
6003874129825	600387	4129825	9.22E-08	0.092	2.98E-04
6003974129825	600397	4129825	9.77E-08	0.098	3.16E-04
6004074129825	600407	4129825	1.04E-07	0.104	3.37E-04
6004174129825	600417	4129825	1.12E-07	0.112	3.63E-04
6004274129825	600427	4129825	1.22E-07	0.122	3.95E-04
6004374129825	600437	4129825	1.34E-07	0.134	4.34E-04
6004474129825	600447	4129825	1.49E-07	0.149	4.80E-04
6004574129825	600457	4129825	1.66E-07	0.166	5.35E-04
6004674129825	600467	4129825	1.86E-07	0.186	6.00E-04
6004774129825	600477	4129825	2.09E-07	0.209	6.77E-04
6004874129825	600487	4129825	2.37E-07	0.237	7.65E-04
6004974129825	600497	4129825	2.68E-07	0.268	8.66E-04
6005074129825	600507	4129825	3.03E-07	0.303	9.80E-04
6005174129825	600517	4129825	3.42E-07	0.342	1.10E-03
6005274129825	600527	4129825	3.82E-07	0.382	1.23E-03
6005374129825	600537	4129825	4.23E-07	0.423	1.37E-03
6005474129825	600547	4129825	4.65E-07	0.465	1.50E-03
6005574129825	600557	4129825	5.04E-07	0.504	1.63E-03
6005674129825	600567	4129825	5.39E-07	0.539	1.74E-03
6005774129825	600577	4129825	5.70E-07	0.570	1.84E-03
6005874129825	600587	4129825	5.96E-07	0.596	1.93E-03
6005974129825	600597	4129825	6.17E-07	0.617	1.99E-03
6006074129825	600607	4129825	6.34E-07	0.634	2.05E-03
6006174129825	600617	4129825	6.46E-07	0.646	2.09E-03
6006274129825	600627	4129825	6.53E-07	0.653	2.11E-03
6006374129825	600637	4129825	6.57E-07	0.657	2.12E-03
6006474129825	600647	4129825	6.58E-07	0.658	2.13E-03
6006574129825	600657	4129825	6.56E-07	0.656	2.12E-03
6006674129825	600667	4129825	6.53E-07	0.653	2.11E-03
6006774129825	600677	4129825	6.47E-07	0.647	2.09E-03
6006874129825	600687	4129825	6.39E-07	0.639	2.07E-03
6006974129825	600697	4129825	6.31E-07	0.631	2.04E-03
6007074129825	600707	4129825	6.20E-07	0.620	2.00E-03
6007174129825	600717	4129825	6.09E-07	0.609	1.97E-03
6007274129825	600727	4129825	5.96E-07	0.596	1.93E-03
6007374129825	600737	4129825	5.83E-07	0.583	1.88E-03
6007474129825	600747	4129825	5.69E-07	0.569	1.84E-03
6007574129825	600757	4129825	5.55E-07	0.555	1.79E-03
6007674129825	600767	4129825	5.40E-07	0.540	1.75E-03
6007774129825	600777	4129825	5.26E-07	0.526	1.70E-03
6007874129825	600787	4129825	5.10E-07	0.510	1.65E-03
6007974129825	600797	4129825	4.95E-07	0.495	1.60E-03
6008074129825	600807	4129825	4.80E-07	0.480	1.55E-03
6008174129825	600817	4129825	4.65E-07	0.465	1.50E-03
6008274129825	600827	4129825	4.50E-07	0.450	1.45E-03
6008374129825	600837	4129825	4.36E-07	0.436	1.41E-03
6008474129825	600847	4129825	4.22E-07	0.422	1.36E-03
6008574129825	600857	4129825	4.08E-07	0.408	1.32E-03

6008674129825	600867	4129825	3.94E-07	0.394	1.27E-03
6008774129825	600877	4129825	3.81E-07	0.381	1.23E-03
6008874129825	600887	4129825	3.68E-07	0.368	1.19E-03
6001974129835	600197	4129835	5.95E-08	0.059	1.92E-04
6002074129835	600207	4129835	6.09E-08	0.061	1.97E-04
6002174129835	600217	4129835	6.22E-08	0.062	2.01E-04
6002274129835	600227	4129835	6.36E-08	0.064	2.06E-04
6002374129835	600237	4129835	6.50E-08	0.065	2.10E-04
6002474129835	600247	4129835	6.65E-08	0.066	2.15E-04
6002574129835	600257	4129835	6.79E-08	0.068	2.20E-04
6002674129835	600267	4129835	6.95E-08	0.069	2.24E-04
6002774129835	600277	4129835	7.10E-08	0.071	2.29E-04
6002874129835	600287	4129835	7.25E-08	0.072	2.34E-04
6002974129835	600297	4129835	7.40E-08	0.074	2.39E-04
6003074129835	600307	4129835	7.57E-08	0.076	2.44E-04
6003174129835	600317	4129835	7.74E-08	0.077	2.50E-04
6003274129835	600327	4129835	7.94E-08	0.079	2.57E-04
6003374129835	600337	4129835	8.15E-08	0.081	2.63E-04
6003474129835	600347	4129835	8.39E-08	0.084	2.71E-04
6003574129835	600357	4129835	8.65E-08	0.086	2.79E-04
6003674129835	600367	4129835	8.96E-08	0.090	2.90E-04
6003774129835	600377	4129835	9.34E-08	0.093	3.02E-04
6003874129835	600387	4129835	9.81E-08	0.098	3.17E-04
6003974129835	600397	4129835	1.04E-07	0.104	3.35E-04
6004074129835	600407	4129835	1.11E-07	0.111	3.57E-04
6004174129835	600417	4129835	1.19E-07	0.119	3.85E-04
6004274129835	600427	4129835	1.30E-07	0.130	4.19E-04
6004374129835	600437	4129835	1.42E-07	0.142	4.60E-04
6004474129835	600447	4129835	1.58E-07	0.158	5.10E-04
6004574129835	600457	4129835	1.77E-07	0.177	5.71E-04
6004674129835	600467	4129835	1.99E-07	0.199	6.43E-04
6004774129835	600477	4129835	2.26E-07	0.226	7.29E-04
6004874129835	600487	4129835	2.57E-07	0.257	8.29E-04
6004974129835	600497	4129835	2.92E-07	0.292	9.45E-04
6005074129835	600507	4129835	3.33E-07	0.333	1.08E-03
6005174129835	600517	4129835	3.78E-07	0.378	1.22E-03
6005274129835	600527	4129835	4.25E-07	0.425	1.37E-03
6005374129835	600537	4129835	4.75E-07	0.475	1.54E-03
6005474129835	600547	4129835	5.24E-07	0.524	1.69E-03
6005574129835	600557	4129835	5.71E-07	0.571	1.85E-03
6005674129835	600567	4129835	6.12E-07	0.612	1.98E-03
6005774129835	600577	4129835	6.48E-07	0.648	2.09E-03
6005874129835	600587	4129835	6.77E-07	0.677	2.19E-03
6005974129835	600597	4129835	7.01E-07	0.701	2.27E-03
6006074129835	600607	4129835	7.18E-07	0.718	2.32E-03
6006174129835	600617	4129835	7.30E-07	0.730	2.36E-03
6006274129835	600627	4129835	7.36E-07	0.736	2.38E-03
6006374129835	600637	4129835	7.39E-07	0.739	2.39E-03
6006474129835	600647	4129835	7.37E-07	0.737	2.38E-03
6006574129835	600657	4129835	7.33E-07	0.733	2.37E-03
6006674129835	600667	4129835	7.26E-07	0.726	2.34E-03
6006774129835	600677	4129835	7.16E-07	0.716	2.31E-03
6006874129835	600687	4129835	7.05E-07	0.705	2.28E-03
6006974129835	600697	4129835	6.92E-07	0.692	2.24E-03
6007074129835	600707	4129835	6.77E-07	0.677	2.19E-03

6007174129835	600717	4129835	6.62E-07	0.662	2.14E-03
6007274129835	600727	4129835	6.45E-07	0.645	2.09E-03
6007374129835	600737	4129835	6.28E-07	0.628	2.03E-03
6007474129835	600747	4129835	6.11E-07	0.611	1.97E-03
6007574129835	600757	4129835	5.93E-07	0.593	1.92E-03
6007674129835	600767	4129835	5.75E-07	0.575	1.86E-03
6007774129835	600777	4129835	5.56E-07	0.556	1.80E-03
6007874129835	600787	4129835	5.38E-07	0.538	1.74E-03
6007974129835	600797	4129835	5.20E-07	0.520	1.68E-03
6008074129835	600807	4129835	5.03E-07	0.503	1.62E-03
6008174129835	600817	4129835	4.85E-07	0.485	1.57E-03
6008274129835	600827	4129835	4.68E-07	0.468	1.51E-03
6008374129835	600837	4129835	4.51E-07	0.451	1.46E-03
6008474129835	600847	4129835	4.35E-07	0.435	1.41E-03
6008574129835	600857	4129835	4.20E-07	0.420	1.36E-03
6008674129835	600867	4129835	4.05E-07	0.405	1.31E-03
6008774129835	600877	4129835	3.90E-07	0.390	1.26E-03
6008874129835	600887	4129835	3.76E-07	0.376	1.22E-03
6001874129845	600187	4129845	6.18E-08	0.062	2.00E-04
6001974129845	600197	4129845	6.32E-08	0.063	2.04E-04
6002074129845	600207	4129845	6.48E-08	0.065	2.09E-04
6002174129845	600217	4129845	6.63E-08	0.066	2.14E-04
6002274129845	600227	4129845	6.79E-08	0.068	2.19E-04
6002374129845	600237	4129845	6.95E-08	0.069	2.24E-04
6002474129845	600247	4129845	7.11E-08	0.071	2.30E-04
6002574129845	600257	4129845	7.26E-08	0.073	2.35E-04
6002674129845	600267	4129845	7.44E-08	0.074	2.40E-04
6002774129845	600277	4129845	7.60E-08	0.076	2.46E-04
6002874129845	600287	4129845	7.77E-08	0.078	2.51E-04
6002974129845	600297	4129845	7.94E-08	0.079	2.57E-04
6003074129845	600307	4129845	8.12E-08	0.081	2.62E-04
6003174129845	600317	4129845	8.31E-08	0.083	2.69E-04
6003274129845	600327	4129845	8.52E-08	0.085	2.75E-04
6003374129845	600337	4129845	8.74E-08	0.087	2.83E-04
6003474129845	600347	4129845	8.98E-08	0.090	2.90E-04
6003574129845	600357	4129845	9.26E-08	0.093	2.99E-04
6003674129845	600367	4129845	9.59E-08	0.096	3.10E-04
6003774129845	600377	4129845	9.99E-08	0.100	3.23E-04
6003874129845	600387	4129845	1.05E-07	0.105	3.39E-04
6003974129845	600397	4129845	1.11E-07	0.111	3.57E-04
6004074129845	600407	4129845	1.18E-07	0.118	3.80E-04
6004174129845	600417	4129845	1.27E-07	0.127	4.09E-04
6004274129845	600427	4129845	1.38E-07	0.138	4.45E-04
6004374129845	600437	4129845	1.51E-07	0.151	4.90E-04
6004474129845	600447	4129845	1.68E-07	0.168	5.44E-04
6004574129845	600457	4129845	1.89E-07	0.189	6.11E-04
6004674129845	600467	4129845	2.14E-07	0.214	6.92E-04
6004774129845	600477	4129845	2.44E-07	0.244	7.89E-04
6004874129845	600487	4129845	2.80E-07	0.280	9.03E-04
6004974129845	600497	4129845	3.21E-07	0.321	1.04E-03
6005074129845	600507	4129845	3.68E-07	0.368	1.19E-03
6005174129845	600517	4129845	4.21E-07	0.421	1.36E-03
6005274129845	600527	4129845	4.77E-07	0.477	1.54E-03
6005374129845	600537	4129845	5.38E-07	0.538	1.74E-03
6005474129845	600547	4129845	5.98E-07	0.598	1.93E-03

6005574129845	600557	4129845	6.54E-07	0.654	2.11E-03
6005674129845	600567	4129845	7.03E-07	0.703	2.27E-03
6005774129845	600577	4129845	7.45E-07	0.745	2.41E-03
6005874129845	600587	4129845	7.78E-07	0.778	2.52E-03
6005974129845	600597	4129845	8.04E-07	0.804	2.60E-03
6006074129845	600607	4129845	8.21E-07	0.821	2.65E-03
6006174129845	600617	4129845	8.32E-07	0.832	2.69E-03
6006274129845	600627	4129845	8.37E-07	0.837	2.70E-03
6006374129845	600637	4129845	8.36E-07	0.836	2.70E-03
6006474129845	600647	4129845	8.30E-07	0.830	2.68E-03
6006574129845	600657	4129845	8.21E-07	0.821	2.65E-03
6006674129845	600667	4129845	8.09E-07	0.809	2.61E-03
6006774129845	600677	4129845	7.94E-07	0.794	2.57E-03
6006874129845	600687	4129845	7.78E-07	0.778	2.51E-03
6006974129845	600697	4129845	7.59E-07	0.759	2.45E-03
6007074129845	600707	4129845	7.39E-07	0.739	2.39E-03
6007174129845	600717	4129845	7.18E-07	0.718	2.32E-03
6007274129845	600727	4129845	6.97E-07	0.697	2.25E-03
6007374129845	600737	4129845	6.75E-07	0.675	2.18E-03
6007474129845	600747	4129845	6.53E-07	0.653	2.11E-03
6007574129845	600757	4129845	6.31E-07	0.631	2.04E-03
6007674129845	600767	4129845	6.09E-07	0.609	1.97E-03
6007774129845	600777	4129845	5.87E-07	0.587	1.90E-03
6007874129845	600787	4129845	5.65E-07	0.565	1.83E-03
6007974129845	600797	4129845	5.44E-07	0.544	1.76E-03
6008074129845	600807	4129845	5.24E-07	0.524	1.69E-03
6008174129845	600817	4129845	5.04E-07	0.504	1.63E-03
6008274129845	600827	4129845	4.84E-07	0.484	1.57E-03
6008374129845	600837	4129845	4.66E-07	0.466	1.51E-03
6008474129845	600847	4129845	4.48E-07	0.448	1.45E-03
6008574129845	600857	4129845	4.31E-07	0.431	1.39E-03
6008674129845	600867	4129845	4.14E-07	0.414	1.34E-03
6008774129845	600877	4129845	3.98E-07	0.398	1.29E-03
6008874129845	600887	4129845	3.83E-07	0.383	1.24E-03
6008974129845	600897	4129845	3.69E-07	0.369	1.19E-03
6001874129855	600187	4129855	6.57E-08	0.066	2.12E-04
6001974129855	600197	4129855	6.74E-08	0.067	2.18E-04
6002074129855	600207	4129855	6.92E-08	0.069	2.24E-04
6002174129855	600217	4129855	7.09E-08	0.071	2.29E-04
6002274129855	600227	4129855	7.27E-08	0.073	2.35E-04
6002374129855	600237	4129855	7.44E-08	0.074	2.41E-04
6002474129855	600247	4129855	7.62E-08	0.076	2.46E-04
6002574129855	600257	4129855	7.80E-08	0.078	2.52E-04
6002674129855	600267	4129855	7.99E-08	0.080	2.58E-04
6002774129855	600277	4129855	8.17E-08	0.082	2.64E-04
6002874129855	600287	4129855	8.35E-08	0.084	2.70E-04
6002974129855	600297	4129855	8.55E-08	0.085	2.76E-04
6003074129855	600307	4129855	8.75E-08	0.088	2.83E-04
6003174129855	600317	4129855	8.96E-08	0.090	2.90E-04
6003274129855	600327	4129855	9.18E-08	0.092	2.97E-04
6003374129855	600337	4129855	9.42E-08	0.094	3.05E-04
6003474129855	600347	4129855	9.68E-08	0.097	3.13E-04
6003574129855	600357	4129855	9.98E-08	0.100	3.23E-04
6003674129855	600367	4129855	1.03E-07	0.103	3.34E-04
6003774129855	600377	4129855	1.08E-07	0.108	3.48E-04

6003874129855	600387	4129855	1.13E-07	0.113	3.64E-04
6003974129855	600397	4129855	1.19E-07	0.119	3.83E-04
6004074129855	600407	4129855	1.26E-07	0.126	4.07E-04
6004174129855	600417	4129855	1.35E-07	0.135	4.37E-04
6004274129855	600427	4129855	1.47E-07	0.147	4.76E-04
6004374129855	600437	4129855	1.62E-07	0.162	5.24E-04
6004474129855	600447	4129855	1.80E-07	0.180	5.83E-04
6004574129855	600457	4129855	2.03E-07	0.203	6.57E-04
6004674129855	600467	4129855	2.31E-07	0.231	7.48E-04
6004774129855	600477	4129855	2.66E-07	0.266	8.58E-04
6004874129855	600487	4129855	3.06E-07	0.306	9.89E-04
6004974129855	600497	4129855	3.54E-07	0.354	1.14E-03
6005074129855	600507	4129855	4.09E-07	0.409	1.32E-03
6005174129855	600517	4129855	4.72E-07	0.472	1.52E-03
6005274129855	600527	4129855	5.40E-07	0.540	1.75E-03
6005374129855	600537	4129855	6.15E-07	0.615	1.99E-03
6005474129855	600547	4129855	6.89E-07	0.689	2.23E-03
6005574129855	600557	4129855	7.59E-07	0.759	2.45E-03
6005674129855	600567	4129855	8.20E-07	0.820	2.65E-03
6005774129855	600577	4129855	8.70E-07	0.870	2.81E-03
6005874129855	600587	4129855	9.07E-07	0.907	2.93E-03
6005974129855	600597	4129855	9.32E-07	0.932	3.01E-03
6006074129855	600607	4129855	9.49E-07	0.949	3.07E-03
6006174129855	600617	4129855	9.58E-07	0.958	3.09E-03
6006274129855	600627	4129855	9.58E-07	0.958	3.09E-03
6006374129855	600637	4129855	9.51E-07	0.951	3.07E-03
6006474129855	600647	4129855	9.39E-07	0.939	3.04E-03
6006574129855	600657	4129855	9.23E-07	0.923	2.98E-03
6006674129855	600667	4129855	9.04E-07	0.904	2.92E-03
6006774129855	600677	4129855	8.82E-07	0.882	2.85E-03
6006874129855	600687	4129855	8.58E-07	0.858	2.77E-03
6006974129855	600697	4129855	8.32E-07	0.832	2.69E-03
6007074129855	600707	4129855	8.05E-07	0.805	2.60E-03
6007174129855	600717	4129855	7.78E-07	0.778	2.51E-03
6007274129855	600727	4129855	7.50E-07	0.750	2.43E-03
6007374129855	600737	4129855	7.23E-07	0.723	2.34E-03
6007474129855	600747	4129855	6.95E-07	0.695	2.25E-03
6007574129855	600757	4129855	6.68E-07	0.668	2.16E-03
6007674129855	600767	4129855	6.42E-07	0.642	2.07E-03
6007774129855	600777	4129855	6.16E-07	0.616	1.99E-03
6007874129855	600787	4129855	5.91E-07	0.591	1.91E-03
6007974129855	600797	4129855	5.66E-07	0.566	1.83E-03
6008074129855	600807	4129855	5.43E-07	0.543	1.75E-03
6008174129855	600817	4129855	5.21E-07	0.521	1.68E-03
6008274129855	600827	4129855	4.99E-07	0.499	1.61E-03
6008374129855	600837	4129855	4.78E-07	0.478	1.55E-03
6008474129855	600847	4129855	4.58E-07	0.458	1.48E-03
6008574129855	600857	4129855	4.40E-07	0.440	1.42E-03
6008674129855	600867	4129855	4.22E-07	0.422	1.36E-03
6008774129855	600877	4129855	4.05E-07	0.405	1.31E-03
6008874129855	600887	4129855	3.88E-07	0.388	1.25E-03
6008974129855	600897	4129855	3.73E-07	0.373	1.20E-03
6001774129865	600177	4129865	6.82E-08	0.068	2.20E-04
6001874129865	600187	4129865	7.01E-08	0.070	2.27E-04
6001974129865	600197	4129865	7.20E-08	0.072	2.33E-04

6002074129865	600207	4129865	7.40E-08	0.074	2.39E-04
6002174129865	600217	4129865	7.60E-08	0.076	2.46E-04
6002274129865	600227	4129865	7.80E-08	0.078	2.52E-04
6002374129865	600237	4129865	8.00E-08	0.080	2.58E-04
6002474129865	600247	4129865	8.20E-08	0.082	2.65E-04
6002574129865	600257	4129865	8.41E-08	0.084	2.72E-04
6002674129865	600267	4129865	8.61E-08	0.086	2.78E-04
6002774129865	600277	4129865	8.82E-08	0.088	2.85E-04
6002874129865	600287	4129865	9.03E-08	0.090	2.92E-04
6002974129865	600297	4129865	9.24E-08	0.092	2.99E-04
6003074129865	600307	4129865	9.47E-08	0.095	3.06E-04
6003174129865	600317	4129865	9.70E-08	0.097	3.14E-04
6003274129865	600327	4129865	9.95E-08	0.099	3.22E-04
6003374129865	600337	4129865	1.02E-07	0.102	3.30E-04
6003474129865	600347	4129865	1.05E-07	0.105	3.39E-04
6003574129865	600357	4129865	1.08E-07	0.108	3.50E-04
6003674129865	600367	4129865	1.12E-07	0.112	3.62E-04
6003774129865	600377	4129865	1.17E-07	0.117	3.77E-04
6003874129865	600387	4129865	1.22E-07	0.122	3.94E-04
6003974129865	600397	4129865	1.28E-07	0.128	4.14E-04
6004074129865	600407	4129865	1.36E-07	0.136	4.39E-04
6004174129865	600417	4129865	1.46E-07	0.146	4.71E-04
6004274129865	600427	4129865	1.58E-07	0.158	5.11E-04
6004374129865	600437	4129865	1.74E-07	0.174	5.63E-04
6004474129865	600447	4129865	1.94E-07	0.194	6.28E-04
6004574129865	600457	4129865	2.20E-07	0.220	7.10E-04
6004674129865	600467	4129865	2.51E-07	0.251	8.12E-04
6004774129865	600477	4129865	2.90E-07	0.290	9.38E-04
6004874129865	600487	4129865	3.37E-07	0.337	1.09E-03
6004974129865	600497	4129865	3.93E-07	0.393	1.27E-03
6005074129865	600507	4129865	4.58E-07	0.458	1.48E-03
6005174129865	600517	4129865	5.32E-07	0.532	1.72E-03
6005274129865	600527	4129865	6.17E-07	0.617	1.99E-03
6005374129865	600537	4129865	7.10E-07	0.710	2.29E-03
6005474129865	600547	4129865	8.07E-07	0.807	2.61E-03
6005574129865	600557	4129865	8.97E-07	0.897	2.90E-03
6005674129865	600567	4129865	9.76E-07	0.976	3.15E-03
6005774129865	600577	4129865	1.03E-06	1.033	3.34E-03
6005874129865	600587	4129865	1.07E-06	1.074	3.47E-03
6005974129865	600597	4129865	1.10E-06	1.099	3.55E-03
6006074129865	600607	4129865	1.11E-06	1.111	3.59E-03
6006174129865	600617	4129865	1.11E-06	1.113	3.60E-03
6006274129865	600627	4129865	1.10E-06	1.105	3.57E-03
6006374129865	600637	4129865	1.09E-06	1.088	3.52E-03
6006474129865	600647	4129865	1.07E-06	1.066	3.45E-03
6006574129865	600657	4129865	1.04E-06	1.040	3.36E-03
6006674129865	600667	4129865	1.01E-06	1.010	3.26E-03
6006774129865	600677	4129865	9.78E-07	0.978	3.16E-03
6006874129865	600687	4129865	9.44E-07	0.944	3.05E-03
6006974129865	600697	4129865	9.09E-07	0.909	2.94E-03
6007074129865	600707	4129865	8.74E-07	0.874	2.83E-03
6007174129865	600717	4129865	8.39E-07	0.839	2.71E-03
6007274129865	600727	4129865	8.04E-07	0.804	2.60E-03
6007374129865	600737	4129865	7.70E-07	0.770	2.49E-03
6007474129865	600747	4129865	7.36E-07	0.736	2.38E-03



6007574129865	600757	4129865	7.04E-07	0.704	2.27E-03
6007674129865	600767	4129865	6.73E-07	0.673	2.17E-03
6007774129865	600777	4129865	6.43E-07	0.643	2.08E-03
6007874129865	600787	4129865	6.14E-07	0.614	1.98E-03
6007974129865	600797	4129865	5.86E-07	0.586	1.89E-03
6008074129865	600807	4129865	5.60E-07	0.560	1.81E-03
6008174129865	600817	4129865	5.35E-07	0.535	1.73E-03
6008274129865	600827	4129865	5.11E-07	0.511	1.65E-03
6008374129865	600837	4129865	4.89E-07	0.489	1.58E-03
6008474129865	600847	4129865	4.67E-07	0.467	1.51E-03
6008574129865	600857	4129865	4.46E-07	0.446	1.44E-03
6008674129865	600867	4129865	4.27E-07	0.427	1.38E-03
6008774129865	600877	4129865	4.09E-07	0.409	1.32E-03
6008874129865	600887	4129865	3.92E-07	0.392	1.27E-03
6008974129865	600897	4129865	3.75E-07	0.375	1.21E-03
6001774129875	600177	4129875	7.28E-08	0.073	2.35E-04
6001874129875	600187	4129875	7.50E-08	0.075	2.42E-04
6001974129875	600197	4129875	7.72E-08	0.077	2.49E-04
6002074129875	600207	4129875	7.94E-08	0.079	2.57E-04
6002174129875	600217	4129875	8.16E-08	0.082	2.64E-04
6002274129875	600227	4129875	8.39E-08	0.084	2.71E-04
6002374129875	600237	4129875	8.62E-08	0.086	2.79E-04
6002474129875	600247	4129875	8.86E-08	0.089	2.86E-04
6002574129875	600257	4129875	9.09E-08	0.091	2.94E-04
6002674129875	600267	4129875	9.32E-08	0.093	3.01E-04
6002774129875	600277	4129875	9.56E-08	0.096	3.09E-04
6002874129875	600287	4129875	9.79E-08	0.098	3.16E-04
6002974129875	600297	4129875	1.00E-07	0.100	3.24E-04
6003074129875	600307	4129875	1.03E-07	0.103	3.33E-04
6003174129875	600317	4129875	1.06E-07	0.106	3.41E-04
6003274129875	600327	4129875	1.08E-07	0.108	3.50E-04
6003374129875	600337	4129875	1.11E-07	0.111	3.60E-04
6003474129875	600347	4129875	1.15E-07	0.115	3.70E-04
6003574129875	600357	4129875	1.18E-07	0.118	3.82E-04
6003674129875	600367	4129875	1.22E-07	0.122	3.96E-04
6003774129875	600377	4129875	1.27E-07	0.127	4.11E-04
6003874129875	600387	4129875	1.33E-07	0.133	4.29E-04
6003974129875	600397	4129875	1.39E-07	0.139	4.50E-04
6004074129875	600407	4129875	1.48E-07	0.148	4.77E-04
6004174129875	600417	4129875	1.58E-07	0.158	5.11E-04
6004274129875	600427	4129875	1.71E-07	0.171	5.54E-04
6004374129875	600437	4129875	1.89E-07	0.189	6.09E-04
6004474129875	600447	4129875	2.11E-07	0.211	6.81E-04
6004574129875	600457	4129875	2.39E-07	0.239	7.72E-04
6004674129875	600467	4129875	2.75E-07	0.275	8.88E-04
6004774129875	600477	4129875	3.19E-07	0.319	1.03E-03
6004874129875	600487	4129875	3.74E-07	0.374	1.21E-03
6004974129875	600497	4129875	4.39E-07	0.439	1.42E-03
6005074129875	600507	4129875	5.17E-07	0.517	1.67E-03
6005174129875	600517	4129875	6.06E-07	0.606	1.96E-03
6005274129875	600527	4129875	7.12E-07	0.712	2.30E-03
6005374129875	600537	4129875	8.33E-07	0.833	2.69E-03
6005474129875	600547	4129875	9.65E-07	0.965	3.12E-03
6005574129875	600557	4129875	1.09E-06	1.090	3.52E-03
6005674129875	600567	4129875	1.19E-06	1.186	3.83E-03

6005774129875	600577	4129875	1.25E-06	1.251	4.04E-03
6005874129875	600587	4129875	1.29E-06	1.294	4.18E-03
6005974129875	600597	4129875	1.31E-06	1.315	4.25E-03
6006074129875	600607	4129875	1.32E-06	1.317	4.26E-03
6006174129875	600617	4129875	1.30E-06	1.304	4.22E-03
6006274129875	600627	4129875	1.28E-06	1.281	4.14E-03
6006374129875	600637	4129875	1.25E-06	1.249	4.04E-03
6006474129875	600647	4129875	1.21E-06	1.212	3.92E-03
6006574129875	600657	4129875	1.17E-06	1.170	3.78E-03
6006674129875	600667	4129875	1.13E-06	1.127	3.64E-03
6006774129875	600677	4129875	1.08E-06	1.081	3.49E-03
6006874129875	600687	4129875	1.04E-06	1.036	3.35E-03
6006974129875	600697	4129875	9.90E-07	0.990	3.20E-03
6007074129875	600707	4129875	9.44E-07	0.944	3.05E-03
6007174129875	600717	4129875	9.00E-07	0.900	2.91E-03
6007274129875	600727	4129875	8.56E-07	0.856	2.77E-03
6007374129875	600737	4129875	8.15E-07	0.815	2.63E-03
6007474129875	600747	4129875	7.75E-07	0.775	2.50E-03
6007574129875	600757	4129875	7.37E-07	0.737	2.38E-03
6007674129875	600767	4129875	7.00E-07	0.700	2.26E-03
6007774129875	600777	4129875	6.66E-07	0.666	2.15E-03
6007874129875	600787	4129875	6.33E-07	0.633	2.05E-03
6007974129875	600797	4129875	6.03E-07	0.603	1.95E-03
6008074129875	600807	4129875	5.74E-07	0.574	1.85E-03
6008174129875	600817	4129875	5.46E-07	0.546	1.77E-03
6008274129875	600827	4129875	5.20E-07	0.520	1.68E-03
6008374129875	600837	4129875	4.96E-07	0.496	1.60E-03
6008474129875	600847	4129875	4.73E-07	0.473	1.53E-03
6008574129875	600857	4129875	4.51E-07	0.451	1.46E-03
6008674129875	600867	4129875	4.30E-07	0.430	1.39E-03
6008774129875	600877	4129875	4.11E-07	0.411	1.33E-03
6008874129875	600887	4129875	3.93E-07	0.393	1.27E-03
6008974129875	600897	4129875	3.76E-07	0.376	1.22E-03
6009074129875	600907	4129875	3.61E-07	0.361	1.17E-03
6001774129885	600177	4129885	7.80E-08	0.078	2.52E-04
6001874129885	600187	4129885	8.04E-08	0.080	2.60E-04
6001974129885	600197	4129885	8.29E-08	0.083	2.68E-04
6002074129885	600207	4129885	8.55E-08	0.085	2.76E-04
6002174129885	600217	4129885	8.80E-08	0.088	2.84E-04
6002274129885	600227	4129885	9.06E-08	0.091	2.93E-04
6002374129885	600237	4129885	9.33E-08	0.093	3.02E-04
6002474129885	600247	4129885	9.60E-08	0.096	3.10E-04
6002574129885	600257	4129885	9.86E-08	0.099	3.19E-04
6002674129885	600267	4129885	1.01E-07	0.101	3.27E-04
6002774129885	600277	4129885	1.04E-07	0.104	3.36E-04
6002874129885	600287	4129885	1.07E-07	0.107	3.45E-04
6002974129885	600297	4129885	1.10E-07	0.110	3.54E-04
6003074129885	600307	4129885	1.12E-07	0.112	3.63E-04
6003174129885	600317	4129885	1.15E-07	0.115	3.73E-04
6003274129885	600327	4129885	1.19E-07	0.119	3.83E-04
6003374129885	600337	4129885	1.22E-07	0.122	3.94E-04
6003474129885	600347	4129885	1.26E-07	0.126	4.07E-04
6003574129885	600357	4129885	1.30E-07	0.130	4.20E-04
6003674129885	600367	4129885	1.35E-07	0.135	4.35E-04
6003774129885	600377	4129885	1.40E-07	0.140	4.52E-04

6003874129885	600387	4129885	1.46E-07	0.146	4.72E-04
6003974129885	600397	4129885	1.53E-07	0.153	4.95E-04
6004074129885	600407	4129885	1.62E-07	0.162	5.23E-04
6004174129885	600417	4129885	1.73E-07	0.173	5.59E-04
6004274129885	600427	4129885	1.87E-07	0.187	6.06E-04
6004374129885	600437	4129885	2.06E-07	0.206	6.66E-04
6004474129885	600447	4129885	2.30E-07	0.230	7.45E-04
6004574129885	600457	4129885	2.62E-07	0.262	8.48E-04
6004674129885	600467	4129885	3.03E-07	0.303	9.80E-04
6004774129885	600477	4129885	3.55E-07	0.355	1.15E-03
6004874129885	600487	4129885	4.19E-07	0.419	1.35E-03
6004974129885	600497	4129885	4.96E-07	0.496	1.60E-03
6005074129885	600507	4129885	5.88E-07	0.588	1.90E-03
6005174129885	600517	4129885	6.97E-07	0.697	2.25E-03
6005274129885	600527	4129885	8.30E-07	0.830	2.68E-03
6005374129885	600537	4129885	9.93E-07	0.993	3.21E-03
6005474129885	600547	4129885	1.19E-06	1.192	3.85E-03
6005574129885	600557	4129885	1.37E-06	1.365	4.41E-03
6005674129885	600567	4129885	1.48E-06	1.484	4.79E-03
6005774129885	600577	4129885	1.56E-06	1.556	5.03E-03
6005874129885	600587	4129885	1.59E-06	1.589	5.14E-03
6005974129885	600597	4129885	1.59E-06	1.593	5.15E-03
6006074129885	600607	4129885	1.57E-06	1.574	5.09E-03
6006174129885	600617	4129885	1.54E-06	1.537	4.97E-03
6006274129885	600627	4129885	1.49E-06	1.489	4.81E-03
6006374129885	600637	4129885	1.43E-06	1.434	4.63E-03
6006474129885	600647	4129885	1.37E-06	1.375	4.44E-03
6006574129885	600657	4129885	1.31E-06	1.313	4.24E-03
6006674129885	600667	4129885	1.25E-06	1.252	4.04E-03
6006774129885	600677	4129885	1.19E-06	1.190	3.85E-03
6006874129885	600687	4129885	1.13E-06	1.129	3.65E-03
6006974129885	600697	4129885	1.07E-06	1.070	3.46E-03
6007074129885	600707	4129885	1.01E-06	1.012	3.27E-03
6007174129885	600717	4129885	9.57E-07	0.957	3.09E-03
6007274129885	600727	4129885	9.05E-07	0.905	2.93E-03
6007374129885	600737	4129885	8.56E-07	0.856	2.77E-03
6007474129885	600747	4129885	8.09E-07	0.809	2.62E-03
6007574129885	600757	4129885	7.65E-07	0.765	2.47E-03
6007674129885	600767	4129885	7.24E-07	0.724	2.34E-03
6007774129885	600777	4129885	6.85E-07	0.685	2.22E-03
6007874129885	600787	4129885	6.49E-07	0.649	2.10E-03
6007974129885	600797	4129885	6.15E-07	0.615	1.99E-03
6008074129885	600807	4129885	5.84E-07	0.584	1.89E-03
6008174129885	600817	4129885	5.54E-07	0.554	1.79E-03
6008274129885	600827	4129885	5.27E-07	0.527	1.70E-03
6008374129885	600837	4129885	5.01E-07	0.501	1.62E-03
6008474129885	600847	4129885	4.76E-07	0.476	1.54E-03
6008574129885	600857	4129885	4.54E-07	0.454	1.47E-03
6008674129885	600867	4129885	4.32E-07	0.432	1.40E-03
6008774129885	600877	4129885	4.12E-07	0.412	1.33E-03
6008874129885	600887	4129885	3.93E-07	0.393	1.27E-03
6008974129885	600897	4129885	3.76E-07	0.376	1.21E-03
6009074129885	600907	4129885	3.59E-07	0.359	1.16E-03
6001774129895	600177	4129895	8.37E-08	0.084	2.70E-04
6001874129895	600187	4129895	8.65E-08	0.087	2.80E-04

6001974129895	600197	4129895	8.94E-08	0.089	2.89E-04
6002074129895	600207	4129895	9.23E-08	0.092	2.98E-04
6002174129895	600217	4129895	9.52E-08	0.095	3.08E-04
6002274129895	600227	4129895	9.83E-08	0.098	3.18E-04
6002374129895	600237	4129895	1.01E-07	0.101	3.28E-04
6002474129895	600247	4129895	1.04E-07	0.104	3.37E-04
6002574129895	600257	4129895	1.07E-07	0.107	3.47E-04
6002674129895	600267	4129895	1.10E-07	0.110	3.57E-04
6002774129895	600277	4129895	1.14E-07	0.114	3.67E-04
6002874129895	600287	4129895	1.17E-07	0.117	3.77E-04
6002974129895	600297	4129895	1.20E-07	0.120	3.88E-04
6003074129895	600307	4129895	1.23E-07	0.123	3.99E-04
6003174129895	600317	4129895	1.27E-07	0.127	4.10E-04
6003274129895	600327	4129895	1.31E-07	0.131	4.22E-04
6003374129895	600337	4129895	1.35E-07	0.135	4.35E-04
6003474129895	600347	4129895	1.39E-07	0.139	4.50E-04
6003574129895	600357	4129895	1.44E-07	0.144	4.65E-04
6003674129895	600367	4129895	1.49E-07	0.149	4.82E-04
6003774129895	600377	4129895	1.55E-07	0.155	5.01E-04
6003874129895	600387	4129895	1.62E-07	0.162	5.23E-04
6003974129895	600397	4129895	1.70E-07	0.170	5.49E-04
6004074129895	600407	4129895	1.79E-07	0.179	5.80E-04
6004174129895	600417	4129895	1.91E-07	0.191	6.19E-04
6004274129895	600427	4129895	2.07E-07	0.207	6.69E-04
6004374129895	600437	4129895	2.27E-07	0.227	7.35E-04
6004474129895	600447	4129895	2.55E-07	0.255	8.23E-04
6004574129895	600457	4129895	2.91E-07	0.291	9.40E-04
6004674129895	600467	4129895	3.38E-07	0.338	1.09E-03
6004774129895	600477	4129895	3.99E-07	0.399	1.29E-03
6004874129895	600487	4129895	4.76E-07	0.476	1.54E-03
6004974129895	600497	4129895	5.70E-07	0.570	1.84E-03
6005074129895	600507	4129895	6.81E-07	0.681	2.20E-03
6005174129895	600517	4129895	8.15E-07	0.815	2.63E-03
6005274129895	600527	4129895	9.82E-07	0.982	3.17E-03
6005374129895	600537	4129895	1.21E-06	1.209	3.91E-03
6005474129895	600547	4129895	1.52E-06	1.517	4.90E-03
6005574129895	600557	4129895	1.78E-06	1.783	5.76E-03
6005674129895	600567	4129895	1.93E-06	1.935	6.25E-03
6005774129895	600577	4129895	1.99E-06	1.991	6.43E-03
6005874129895	600587	4129895	1.99E-06	1.987	6.42E-03
6005974129895	600597	4129895	1.95E-06	1.948	6.30E-03
6006074129895	600607	4129895	1.89E-06	1.888	6.10E-03
6006174129895	600617	4129895	1.81E-06	1.813	5.86E-03
6006274129895	600627	4129895	1.73E-06	1.728	5.59E-03
6006374129895	600637	4129895	1.64E-06	1.641	5.30E-03
6006474129895	600647	4129895	1.55E-06	1.553	5.02E-03
6006574129895	600657	4129895	1.47E-06	1.466	4.74E-03
6006674129895	600667	4129895	1.38E-06	1.381	4.46E-03
6006774129895	600677	4129895	1.30E-06	1.300	4.20E-03
6006874129895	600687	4129895	1.22E-06	1.221	3.95E-03
6006974129895	600697	4129895	1.15E-06	1.147	3.71E-03
6007074129895	600707	4129895	1.08E-06	1.076	3.48E-03
6007174129895	600717	4129895	1.01E-06	1.010	3.27E-03
6007274129895	600727	4129895	9.49E-07	0.949	3.07E-03
6007374129895	600737	4129895	8.92E-07	0.892	2.88E-03

6007474129895	600747	4129895	8.38E-07	0.838	2.71E-03
6007574129895	600757	4129895	7.89E-07	0.789	2.55E-03
6007674129895	600767	4129895	7.43E-07	0.743	2.40E-03
6007774129895	600777	4129895	7.00E-07	0.700	2.26E-03
6007874129895	600787	4129895	6.61E-07	0.661	2.13E-03
6007974129895	600797	4129895	6.24E-07	0.624	2.02E-03
6008074129895	600807	4129895	5.90E-07	0.590	1.91E-03
6008174129895	600817	4129895	5.59E-07	0.559	1.81E-03
6008274129895	600827	4129895	5.29E-07	0.529	1.71E-03
6008374129895	600837	4129895	5.02E-07	0.502	1.62E-03
6008474129895	600847	4129895	4.77E-07	0.477	1.54E-03
6008574129895	600857	4129895	4.53E-07	0.453	1.46E-03
6008674129895	600867	4129895	4.31E-07	0.431	1.39E-03
6008774129895	600877	4129895	4.10E-07	0.410	1.33E-03
6008874129895	600887	4129895	3.91E-07	0.391	1.26E-03
6008974129895	600897	4129895	3.73E-07	0.373	1.21E-03
6009074129895	600907	4129895	3.57E-07	0.357	1.15E-03
6001674129905	600167	4129905	8.67E-08	0.087	2.80E-04
6001774129905	600177	4129905	8.99E-08	0.090	2.91E-04
6001874129905	600187	4129905	9.32E-08	0.093	3.01E-04
6001974129905	600197	4129905	9.66E-08	0.097	3.12E-04
6002074129905	600207	4129905	1.00E-07	0.100	3.23E-04
6002174129905	600217	4129905	1.03E-07	0.103	3.34E-04
6002274129905	600227	4129905	1.07E-07	0.107	3.46E-04
6002374129905	600237	4129905	1.10E-07	0.110	3.57E-04
6002474129905	600247	4129905	1.14E-07	0.114	3.68E-04
6002574129905	600257	4129905	1.17E-07	0.117	3.80E-04
6002674129905	600267	4129905	1.21E-07	0.121	3.91E-04
6002774129905	600277	4129905	1.25E-07	0.125	4.03E-04
6002874129905	600287	4129905	1.28E-07	0.128	4.15E-04
6002974129905	600297	4129905	1.32E-07	0.132	4.27E-04
6003074129905	600307	4129905	1.36E-07	0.136	4.39E-04
6003174129905	600317	4129905	1.40E-07	0.140	4.53E-04
6003274129905	600327	4129905	1.45E-07	0.145	4.68E-04
6003374129905	600337	4129905	1.50E-07	0.150	4.84E-04
6003474129905	600347	4129905	1.55E-07	0.155	5.00E-04
6003574129905	600357	4129905	1.60E-07	0.160	5.18E-04
6003674129905	600367	4129905	1.67E-07	0.167	5.38E-04
6003774129905	600377	4129905	1.73E-07	0.173	5.60E-04
6003874129905	600387	4129905	1.81E-07	0.181	5.85E-04
6003974129905	600397	4129905	1.90E-07	0.190	6.14E-04
6004074129905	600407	4129905	2.01E-07	0.201	6.49E-04
6004174129905	600417	4129905	2.14E-07	0.214	6.92E-04
6004274129905	600427	4129905	2.31E-07	0.231	7.47E-04
6004374129905	600437	4129905	2.54E-07	0.254	8.20E-04
6004474129905	600447	4129905	2.85E-07	0.285	9.20E-04
6004574129905	600457	4129905	3.27E-07	0.327	1.06E-03
6004674129905	600467	4129905	3.83E-07	0.383	1.24E-03
6004774129905	600477	4129905	4.57E-07	0.457	1.48E-03
6004874129905	600487	4129905	5.52E-07	0.552	1.79E-03
6004974129905	600497	4129905	6.69E-07	0.669	2.16E-03
6005074129905	600507	4129905	8.10E-07	0.810	2.62E-03
6005174129905	600517	4129905	9.83E-07	0.983	3.18E-03
6005274129905	600527	4129905	1.20E-06	1.197	3.87E-03
6005374129905	600537	4129905	1.49E-06	1.492	4.82E-03

6005474129905	600547	4129905	1.91E-06	1.912	6.18E-03
6005574129905	600557	4129905	2.24E-06	2.236	7.22E-03
6005674129905	600567	4129905	2.37E-06	2.375	7.67E-03
6005774129905	600577	4129905	2.58E-06	2.585	8.35E-03
6005874129905	600587	4129905	2.50E-06	2.497	8.07E-03
6005974129905	600597	4129905	2.38E-06	2.385	7.71E-03
6006074129905	600607	4129905	2.26E-06	2.260	7.30E-03
6006174129905	600617	4129905	2.13E-06	2.128	6.88E-03
6006274129905	600627	4129905	2.00E-06	1.996	6.45E-03
6006374129905	600637	4129905	1.87E-06	1.866	6.03E-03
6006474129905	600647	4129905	1.74E-06	1.741	5.63E-03
6006574129905	600657	4129905	1.62E-06	1.622	5.24E-03
6006674129905	600667	4129905	1.51E-06	1.510	4.88E-03
6006774129905	600677	4129905	1.41E-06	1.405	4.54E-03
6006874129905	600687	4129905	1.31E-06	1.307	4.22E-03
6006974129905	600697	4129905	1.22E-06	1.216	3.93E-03
6007074129905	600707	4129905	1.13E-06	1.132	3.66E-03
6007174129905	600717	4129905	1.06E-06	1.055	3.41E-03
6007274129905	600727	4129905	9.84E-07	0.984	3.18E-03
6007374129905	600737	4129905	9.19E-07	0.919	2.97E-03
6007474129905	600747	4129905	8.60E-07	0.860	2.78E-03
6007574129905	600757	4129905	8.05E-07	0.805	2.60E-03
6007674129905	600767	4129905	7.55E-07	0.755	2.44E-03
6007774129905	600777	4129905	7.09E-07	0.709	2.29E-03
6007874129905	600787	4129905	6.67E-07	0.667	2.16E-03
6007974129905	600797	4129905	6.28E-07	0.628	2.03E-03
6008074129905	600807	4129905	5.92E-07	0.592	1.91E-03
6008174129905	600817	4129905	5.59E-07	0.559	1.81E-03
6008274129905	600827	4129905	5.29E-07	0.529	1.71E-03
6008374129905	600837	4129905	5.01E-07	0.501	1.62E-03
6008474129905	600847	4129905	4.75E-07	0.475	1.53E-03
6008574129905	600857	4129905	4.50E-07	0.450	1.46E-03
6008674129905	600867	4129905	4.28E-07	0.428	1.38E-03
6008774129905	600877	4129905	4.06E-07	0.406	1.31E-03
6008874129905	600887	4129905	3.87E-07	0.387	1.25E-03
6008974129905	600897	4129905	3.69E-07	0.369	1.19E-03
6009074129905	600907	4129905	3.52E-07	0.352	1.14E-03
6001674129915	600167	4129915	9.32E-08	0.093	3.01E-04
6001774129915	600177	4129915	9.69E-08	0.097	3.13E-04
6001874129915	600187	4129915	1.01E-07	0.101	3.26E-04
6001974129915	600197	4129915	1.05E-07	0.105	3.38E-04
6002074129915	600207	4129915	1.09E-07	0.109	3.51E-04
6002174129915	600217	4129915	1.13E-07	0.113	3.65E-04
6002274129915	600227	4129915	1.17E-07	0.117	3.78E-04
6002374129915	600237	4129915	1.21E-07	0.121	3.91E-04
6002474129915	600247	4129915	1.25E-07	0.125	4.04E-04
6002574129915	600257	4129915	1.29E-07	0.129	4.17E-04
6002674129915	600267	4129915	1.33E-07	0.133	4.30E-04
6002774129915	600277	4129915	1.37E-07	0.137	4.44E-04
6002874129915	600287	4129915	1.42E-07	0.142	4.58E-04
6002974129915	600297	4129915	1.46E-07	0.146	4.72E-04
6003074129915	600307	4129915	1.51E-07	0.151	4.87E-04
6003174129915	600317	4129915	1.56E-07	0.156	5.04E-04
6003274129915	600327	4129915	1.61E-07	0.161	5.21E-04
6003374129915	600337	4129915	1.67E-07	0.167	5.40E-04

6003474129915	600347	4129915	1.73E-07	0.173	5.60E-04
6003574129915	600357	4129915	1.80E-07	0.180	5.82E-04
6003674129915	600367	4129915	1.87E-07	0.187	6.05E-04
6003774129915	600377	4129915	1.95E-07	0.195	6.31E-04
6003874129915	600387	4129915	2.04E-07	0.204	6.60E-04
6003974129915	600397	4129915	2.15E-07	0.215	6.93E-04
6004074129915	600407	4129915	2.27E-07	0.227	7.33E-04
6004174129915	600417	4129915	2.42E-07	0.242	7.82E-04
6004274129915	600427	4129915	2.61E-07	0.261	8.44E-04
6004374129915	600437	4129915	2.87E-07	0.287	9.27E-04
6004474129915	600447	4129915	3.22E-07	0.322	1.04E-03
6004574129915	600457	4129915	3.72E-07	0.372	1.20E-03
6004674129915	600467	4129915	4.40E-07	0.440	1.42E-03
6004774129915	600477	4129915	5.32E-07	0.532	1.72E-03
6004874129915	600487	4129915	6.54E-07	0.654	2.11E-03
6004974129915	600497	4129915	8.06E-07	0.806	2.60E-03
6005074129915	600507	4129915	9.96E-07	0.996	3.22E-03
6005174129915	600517	4129915	1.23E-06	1.234	3.99E-03
6005274129915	600527	4129915	1.54E-06	1.543	4.98E-03
6005674129915	600567	4129915	2.85E-06	2.845	9.20E-03
6005774129915	600577	4129915	3.15E-06	3.150	1.02E-02
6005874129915	600587	4129915	3.11E-06	3.107	1.00E-02
6005974129915	600597	4129915	2.90E-06	2.897	9.36E-03
6006074129915	600607	4129915	2.69E-06	2.686	8.68E-03
6006174129915	600617	4129915	2.48E-06	2.479	8.01E-03
6006274129915	600627	4129915	2.28E-06	2.284	7.38E-03
6006374129915	600637	4129915	2.10E-06	2.101	6.79E-03
6006474129915	600647	4129915	1.93E-06	1.932	6.24E-03
6006574129915	600657	4129915	1.77E-06	1.774	5.73E-03
6006674129915	600667	4129915	1.63E-06	1.631	5.27E-03
6006774129915	600677	4129915	1.50E-06	1.501	4.85E-03
6006874129915	600687	4129915	1.38E-06	1.382	4.47E-03
6006974129915	600697	4129915	1.27E-06	1.274	4.12E-03
6007074129915	600707	4129915	1.18E-06	1.178	3.81E-03
6007174129915	600717	4129915	1.09E-06	1.089	3.52E-03
6007274129915	600727	4129915	1.01E-06	1.010	3.26E-03
6007374129915	600737	4129915	9.38E-07	0.938	3.03E-03
6007474129915	600747	4129915	8.73E-07	0.873	2.82E-03
6007574129915	600757	4129915	8.14E-07	0.814	2.63E-03
6007674129915	600767	4129915	7.61E-07	0.761	2.46E-03
6007774129915	600777	4129915	7.12E-07	0.712	2.30E-03
6007874129915	600787	4129915	6.68E-07	0.668	2.16E-03
6007974129915	600797	4129915	6.27E-07	0.627	2.03E-03
6008074129915	600807	4129915	5.90E-07	0.590	1.91E-03
6008174129915	600817	4129915	5.56E-07	0.556	1.80E-03
6008274129915	600827	4129915	5.25E-07	0.525	1.70E-03
6008374129915	600837	4129915	4.96E-07	0.496	1.60E-03
6008474129915	600847	4129915	4.70E-07	0.470	1.52E-03
6008574129915	600857	4129915	4.45E-07	0.445	1.44E-03
6008674129915	600867	4129915	4.22E-07	0.422	1.36E-03
6008774129915	600877	4129915	4.01E-07	0.401	1.30E-03
6008874129915	600887	4129915	3.81E-07	0.381	1.23E-03
6008974129915	600897	4129915	3.63E-07	0.363	1.17E-03
6009074129915	600907	4129915	3.47E-07	0.347	1.12E-03
6009174129915	600917	4129915	3.31E-07	0.331	1.07E-03

6001674129925	600167	4129925	1.00E-07	0.100	3.25E-04
6001774129925	600177	4129925	1.05E-07	0.105	3.39E-04
6001874129925	600187	4129925	1.09E-07	0.109	3.53E-04
6001974129925	600197	4129925	1.14E-07	0.114	3.68E-04
6002074129925	600207	4129925	1.19E-07	0.119	3.83E-04
6002174129925	600217	4129925	1.23E-07	0.123	3.99E-04
6002274129925	600227	4129925	1.28E-07	0.128	4.15E-04
6002374129925	600237	4129925	1.33E-07	0.133	4.30E-04
6002474129925	600247	4129925	1.38E-07	0.138	4.45E-04
6002574129925	600257	4129925	1.42E-07	0.142	4.60E-04
6002674129925	600267	4129925	1.47E-07	0.147	4.76E-04
6002774129925	600277	4129925	1.52E-07	0.152	4.91E-04
6002874129925	600287	4129925	1.57E-07	0.157	5.07E-04
6002974129925	600297	4129925	1.62E-07	0.162	5.25E-04
6003074129925	600307	4129925	1.68E-07	0.168	5.43E-04
6003174129925	600317	4129925	1.74E-07	0.174	5.63E-04
6003274129925	600327	4129925	1.81E-07	0.181	5.84E-04
6003374129925	600337	4129925	1.88E-07	0.188	6.07E-04
6003474129925	600347	4129925	1.95E-07	0.195	6.31E-04
6003574129925	600357	4129925	2.03E-07	0.203	6.57E-04
6003674129925	600367	4129925	2.12E-07	0.212	6.85E-04
6003774129925	600377	4129925	2.22E-07	0.222	7.16E-04
6003874129925	600387	4129925	2.32E-07	0.232	7.50E-04
6003974129925	600397	4129925	2.44E-07	0.244	7.89E-04
6004074129925	600407	4129925	2.59E-07	0.259	8.36E-04
6004174129925	600417	4129925	2.76E-07	0.276	8.92E-04
6004274129925	600427	4129925	2.98E-07	0.298	9.64E-04
6004374129925	600437	4129925	3.28E-07	0.328	1.06E-03
6004474129925	600447	4129925	3.68E-07	0.368	1.19E-03
6004574129925	600457	4129925	4.27E-07	0.427	1.38E-03
6004674129925	600467	4129925	5.11E-07	0.511	1.65E-03
6004774129925	600477	4129925	6.29E-07	0.629	2.03E-03
6004874129925	600487	4129925	7.89E-07	0.789	2.55E-03
6004974129925	600497	4129925	9.95E-07	0.995	3.22E-03
6005074129925	600507	4129925	1.26E-06	1.261	4.08E-03
6005174129925	600517	4129925	1.61E-06	1.607	5.19E-03
6005774129925	600577	4129925	3.48E-06	3.482	1.13E-02
6005874129925	600587	4129925	3.49E-06	3.492	1.13E-02
6005974129925	600597	4129925	3.48E-06	3.477	1.12E-02
6006074129925	600607	4129925	3.16E-06	3.161	1.02E-02
6006174129925	600617	4129925	2.86E-06	2.860	9.24E-03
6006274129925	600627	4129925	2.58E-06	2.584	8.35E-03
6006374129925	600637	4129925	2.33E-06	2.334	7.54E-03
6006474129925	600647	4129925	2.11E-06	2.112	6.83E-03
6006574129925	600657	4129925	1.91E-06	1.913	6.18E-03
6006674129925	600667	4129925	1.73E-06	1.735	5.61E-03
6006774129925	600677	4129925	1.58E-06	1.578	5.10E-03
6006874129925	600687	4129925	1.44E-06	1.439	4.65E-03
6006974129925	600697	4129925	1.32E-06	1.316	4.25E-03
6007074129925	600707	4129925	1.21E-06	1.207	3.90E-03
6007174129925	600717	4129925	1.11E-06	1.110	3.59E-03
6007274129925	600727	4129925	1.02E-06	1.024	3.31E-03
6007374129925	600737	4129925	9.47E-07	0.947	3.06E-03
6007474129925	600747	4129925	8.77E-07	0.877	2.83E-03
6007574129925	600757	4129925	8.15E-07	0.815	2.64E-03



6007674129925	600767	4129925	7.60E-07	0.760	2.46E-03
6007774129925	600777	4129925	7.09E-07	0.709	2.29E-03
6007874129925	600787	4129925	6.63E-07	0.663	2.14E-03
6007974129925	600797	4129925	6.22E-07	0.622	2.01E-03
6008074129925	600807	4129925	5.84E-07	0.584	1.89E-03
6008174129925	600817	4129925	5.49E-07	0.549	1.77E-03
6008274129925	600827	4129925	5.18E-07	0.518	1.67E-03
6008374129925	600837	4129925	4.89E-07	0.489	1.58E-03
6008474129925	600847	4129925	4.62E-07	0.462	1.49E-03
6008574129925	600857	4129925	4.37E-07	0.437	1.41E-03
6008674129925	600867	4129925	4.14E-07	0.414	1.34E-03
6008774129925	600877	4129925	3.94E-07	0.394	1.27E-03
6008874129925	600887	4129925	3.74E-07	0.374	1.21E-03
6008974129925	600897	4129925	3.56E-07	0.356	1.15E-03
6009074129925	600907	4129925	3.40E-07	0.340	1.10E-03
6009174129925	600917	4129925	3.24E-07	0.324	1.05E-03
6001674129935	600167	4129935	1.08E-07	0.108	3.51E-04
6001774129935	600177	4129935	1.14E-07	0.114	3.67E-04
6001874129935	600187	4129935	1.19E-07	0.119	3.84E-04
6001974129935	600197	4129935	1.24E-07	0.124	4.02E-04
6002074129935	600207	4129935	1.30E-07	0.130	4.20E-04
6002174129935	600217	4129935	1.36E-07	0.136	4.38E-04
6002274129935	600227	4129935	1.41E-07	0.141	4.57E-04
6002374129935	600237	4129935	1.47E-07	0.147	4.75E-04
6002474129935	600247	4129935	1.53E-07	0.153	4.93E-04
6002574129935	600257	4129935	1.58E-07	0.158	5.11E-04
6002674129935	600267	4129935	1.64E-07	0.164	5.29E-04
6002774129935	600277	4129935	1.69E-07	0.169	5.47E-04
6002874129935	600287	4129935	1.75E-07	0.175	5.66E-04
6002974129935	600297	4129935	1.82E-07	0.182	5.87E-04
6003074129935	600307	4129935	1.89E-07	0.189	6.09E-04
6003174129935	600317	4129935	1.96E-07	0.196	6.33E-04
6003274129935	600327	4129935	2.04E-07	0.204	6.59E-04
6003374129935	600337	4129935	2.12E-07	0.212	6.85E-04
6003474129935	600347	4129935	2.21E-07	0.221	7.14E-04
6003574129935	600357	4129935	2.30E-07	0.230	7.45E-04
6003674129935	600367	4129935	2.41E-07	0.241	7.79E-04
6003774129935	600377	4129935	2.53E-07	0.253	8.16E-04
6003874129935	600387	4129935	2.65E-07	0.265	8.58E-04
6003974129935	600397	4129935	2.80E-07	0.280	9.05E-04
6004074129935	600407	4129935	2.97E-07	0.297	9.61E-04
6004174129935	600417	4129935	3.18E-07	0.318	1.03E-03
6004274129935	600427	4129935	3.44E-07	0.344	1.11E-03
6004374129935	600437	4129935	3.78E-07	0.378	1.22E-03
6004474129935	600447	4129935	4.25E-07	0.425	1.37E-03
6004574129935	600457	4129935	4.95E-07	0.495	1.60E-03
6004674129935	600467	4129935	5.98E-07	0.598	1.93E-03
6004774129935	600477	4129935	7.49E-07	0.749	2.42E-03
6004874129935	600487	4129935	9.62E-07	0.962	3.11E-03
6004974129935	600497	4129935	1.25E-06	1.247	4.03E-03
6005074129935	600507	4129935	1.63E-06	1.628	5.26E-03
6005174129935	600517	4129935	2.10E-06	2.104	6.80E-03
6005874129935	600587	4129935	3.78E-06	3.776	1.22E-02
6005974129935	600597	4129935	3.75E-06	3.754	1.21E-02
6006074129935	600607	4129935	3.68E-06	3.680	1.19E-02

6006174129935	600617	4129935	3.26E-06	3.260	1.05E-02
6006274129935	600627	4129935	2.88E-06	2.882	9.31E-03
6006374129935	600637	4129935	2.55E-06	2.552	8.25E-03
6006474129935	600647	4129935	2.27E-06	2.266	7.32E-03
6006574129935	600657	4129935	2.02E-06	2.022	6.53E-03
6006674129935	600667	4129935	1.81E-06	1.810	5.85E-03
6006774129935	600677	4129935	1.63E-06	1.629	5.26E-03
6006874129935	600687	4129935	1.47E-06	1.473	4.76E-03
6006974129935	600697	4129935	1.34E-06	1.337	4.32E-03
6007074129935	600707	4129935	1.22E-06	1.219	3.94E-03
6007174129935	600717	4129935	1.12E-06	1.116	3.61E-03
6007274129935	600727	4129935	1.03E-06	1.025	3.31E-03
6007374129935	600737	4129935	9.44E-07	0.944	3.05E-03
6007474129935	600747	4129935	8.72E-07	0.872	2.82E-03
6007574129935	600757	4129935	8.09E-07	0.809	2.61E-03
6007674129935	600767	4129935	7.52E-07	0.752	2.43E-03
6007774129935	600777	4129935	7.00E-07	0.700	2.26E-03
6007874129935	600787	4129935	6.54E-07	0.654	2.11E-03
6007974129935	600797	4129935	6.12E-07	0.612	1.98E-03
6008074129935	600807	4129935	5.74E-07	0.574	1.85E-03
6008174129935	600817	4129935	5.39E-07	0.539	1.74E-03
6008274129935	600827	4129935	5.08E-07	0.508	1.64E-03
6008374129935	600837	4129935	4.79E-07	0.479	1.55E-03
6008474129935	600847	4129935	4.52E-07	0.452	1.46E-03
6008574129935	600857	4129935	4.28E-07	0.428	1.38E-03
6008674129935	600867	4129935	4.06E-07	0.406	1.31E-03
6008774129935	600877	4129935	3.85E-07	0.385	1.24E-03
6008874129935	600887	4129935	3.66E-07	0.366	1.18E-03
6008974129935	600897	4129935	3.48E-07	0.348	1.13E-03
6009074129935	600907	4129935	3.32E-07	0.332	1.07E-03
6009174129935	600917	4129935	3.17E-07	0.317	1.02E-03
6001674129945	600167	4129945	1.18E-07	0.118	3.80E-04
6001774129945	600177	4129945	1.24E-07	0.124	3.99E-04
6001874129945	600187	4129945	1.30E-07	0.130	4.19E-04
6001974129945	600197	4129945	1.36E-07	0.136	4.41E-04
6002074129945	600207	4129945	1.43E-07	0.143	4.63E-04
6002174129945	600217	4129945	1.50E-07	0.150	4.85E-04
6002274129945	600227	4129945	1.57E-07	0.157	5.07E-04
6002374129945	600237	4129945	1.64E-07	0.164	5.28E-04
6002474129945	600247	4129945	1.70E-07	0.170	5.49E-04
6002574129945	600257	4129945	1.76E-07	0.176	5.70E-04
6002674129945	600267	4129945	1.83E-07	0.183	5.90E-04
6002774129945	600277	4129945	1.89E-07	0.189	6.12E-04
6002874129945	600287	4129945	1.97E-07	0.197	6.36E-04
6002974129945	600297	4129945	2.05E-07	0.205	6.61E-04
6003074129945	600307	4129945	2.13E-07	0.213	6.88E-04
6003174129945	600317	4129945	2.22E-07	0.222	7.16E-04
6003274129945	600327	4129945	2.31E-07	0.231	7.46E-04
6003374129945	600337	4129945	2.41E-07	0.241	7.78E-04
6003474129945	600347	4129945	2.51E-07	0.251	8.12E-04
6003574129945	600357	4129945	2.63E-07	0.263	8.49E-04
6003674129945	600367	4129945	2.75E-07	0.275	8.89E-04
6003774129945	600377	4129945	2.89E-07	0.289	9.34E-04
6003874129945	600387	4129945	3.05E-07	0.305	9.85E-04
6003974129945	600397	4129945	3.23E-07	0.323	1.04E-03

6004074129945	600407	4129945	3.44E-07	0.344	1.11E-03
6004174129945	600417	4129945	3.69E-07	0.369	1.19E-03
6004274129945	600427	4129945	4.00E-07	0.400	1.29E-03
6004374129945	600437	4129945	4.41E-07	0.441	1.42E-03
6004474129945	600447	4129945	4.96E-07	0.496	1.60E-03
6004574129945	600457	4129945	5.76E-07	0.576	1.86E-03
6004674129945	600467	4129945	7.01E-07	0.701	2.27E-03
6004774129945	600477	4129945	8.94E-07	0.894	2.89E-03
6004874129945	600487	4129945	1.17E-06	1.175	3.80E-03
6004974129945	600497	4129945	1.57E-06	1.574	5.09E-03
6005074129945	600507	4129945	2.12E-06	2.116	6.84E-03
6005974129945	600597	4129945	4.02E-06	4.017	1.30E-02
6006074129945	600607	4129945	3.85E-06	3.851	1.24E-02
6006174129945	600617	4129945	3.54E-06	3.542	1.14E-02
6006274129945	600627	4129945	3.15E-06	3.155	1.02E-02
6006374129945	600637	4129945	2.73E-06	2.726	8.81E-03
6006474129945	600647	4129945	2.38E-06	2.377	7.68E-03
6006574129945	600657	4129945	2.09E-06	2.087	6.75E-03
6006674129945	600667	4129945	1.85E-06	1.848	5.97E-03
6006774129945	600677	4129945	1.65E-06	1.649	5.33E-03
6006874129945	600687	4129945	1.48E-06	1.481	4.78E-03
6006974129945	600697	4129945	1.34E-06	1.339	4.33E-03
6007074129945	600707	4129945	1.21E-06	1.214	3.92E-03
6007174129945	600717	4129945	1.11E-06	1.106	3.58E-03
6007274129945	600727	4129945	1.01E-06	1.013	3.27E-03
6007374129945	600737	4129945	9.30E-07	0.930	3.01E-03
6007474129945	600747	4129945	8.58E-07	0.858	2.77E-03
6007574129945	600757	4129945	7.94E-07	0.794	2.57E-03
6007674129945	600767	4129945	7.37E-07	0.737	2.38E-03
6007774129945	600777	4129945	6.85E-07	0.685	2.21E-03
6007874129945	600787	4129945	6.39E-07	0.639	2.06E-03
6007974129945	600797	4129945	5.98E-07	0.598	1.93E-03
6008074129945	600807	4129945	5.60E-07	0.560	1.81E-03
6008174129945	600817	4129945	5.26E-07	0.526	1.70E-03
6008274129945	600827	4129945	4.95E-07	0.495	1.60E-03
6008374129945	600837	4129945	4.67E-07	0.467	1.51E-03
6008474129945	600847	4129945	4.41E-07	0.441	1.42E-03
6008574129945	600857	4129945	4.17E-07	0.417	1.35E-03
6008674129945	600867	4129945	3.95E-07	0.395	1.28E-03
6008774129945	600877	4129945	3.75E-07	0.375	1.21E-03
6008874129945	600887	4129945	3.56E-07	0.356	1.15E-03
6008974129945	600897	4129945	3.39E-07	0.339	1.10E-03
6009074129945	600907	4129945	3.24E-07	0.324	1.05E-03
6009174129945	600917	4129945	3.09E-07	0.309	9.97E-04
6001674129955	600167	4129955	1.28E-07	0.128	4.12E-04
6001774129955	600177	4129955	1.35E-07	0.135	4.35E-04
6001874129955	600187	4129955	1.42E-07	0.142	4.60E-04
6001974129955	600197	4129955	1.50E-07	0.150	4.86E-04
6002074129955	600207	4129955	1.59E-07	0.159	5.13E-04
6002174129955	600217	4129955	1.67E-07	0.167	5.40E-04
6002274129955	600227	4129955	1.75E-07	0.175	5.67E-04
6002374129955	600237	4129955	1.83E-07	0.183	5.92E-04
6002474129955	600247	4129955	1.91E-07	0.191	6.17E-04
6002574129955	600257	4129955	1.98E-07	0.198	6.40E-04
6002674129955	600267	4129955	2.06E-07	0.206	6.65E-04

6002774129955	600277	4129955	2.14E-07	0.214	6.91E-04
6002874129955	600287	4129955	2.23E-07	0.223	7.19E-04
6002974129955	600297	4129955	2.32E-07	0.232	7.49E-04
6003074129955	600307	4129955	2.42E-07	0.242	7.81E-04
6003174129955	600317	4129955	2.52E-07	0.252	8.13E-04
6003274129955	600327	4129955	2.62E-07	0.262	8.48E-04
6003374129955	600337	4129955	2.74E-07	0.274	8.85E-04
6003474129955	600347	4129955	2.86E-07	0.286	9.25E-04
6003574129955	600357	4129955	3.00E-07	0.300	9.69E-04
6003674129955	600367	4129955	3.15E-07	0.315	1.02E-03
6003774129955	600377	4129955	3.32E-07	0.332	1.07E-03
6003874129955	600387	4129955	3.52E-07	0.352	1.14E-03
6003974129955	600397	4129955	3.74E-07	0.374	1.21E-03
6004074129955	600407	4129955	4.00E-07	0.400	1.29E-03
6004174129955	600417	4129955	4.31E-07	0.431	1.39E-03
6004274129955	600427	4129955	4.70E-07	0.470	1.52E-03
6004374129955	600437	4129955	5.18E-07	0.518	1.67E-03
6004474129955	600447	4129955	5.82E-07	0.582	1.88E-03
6004574129955	600457	4129955	6.75E-07	0.675	2.18E-03
6004674129955	600467	4129955	8.20E-07	0.820	2.65E-03
6004774129955	600477	4129955	1.06E-06	1.057	3.41E-03
6004874129955	600487	4129955	1.43E-06	1.426	4.61E-03
6004974129955	600497	4129955	2.00E-06	1.998	6.46E-03
6006074129955	600607	4129955	3.91E-06	3.914	1.26E-02
6006174129955	600617	4129955	3.57E-06	3.568	1.15E-02
6006274129955	600627	4129955	3.22E-06	3.217	1.04E-02
6006374129955	600637	4129955	2.83E-06	2.835	9.16E-03
6006474129955	600647	4129955	2.42E-06	2.425	7.84E-03
6006574129955	600657	4129955	2.10E-06	2.104	6.80E-03
6006674129955	600667	4129955	1.85E-06	1.846	5.97E-03
6006774129955	600677	4129955	1.64E-06	1.637	5.29E-03
6006874129955	600687	4129955	1.46E-06	1.463	4.73E-03
6006974129955	600697	4129955	1.32E-06	1.317	4.26E-03
6007074129955	600707	4129955	1.19E-06	1.192	3.85E-03
6007174129955	600717	4129955	1.08E-06	1.085	3.51E-03
6007274129955	600727	4129955	9.90E-07	0.990	3.20E-03
6007374129955	600737	4129955	9.08E-07	0.908	2.94E-03
6007474129955	600747	4129955	8.37E-07	0.837	2.70E-03
6007574129955	600757	4129955	7.73E-07	0.773	2.50E-03
6007674129955	600767	4129955	7.16E-07	0.716	2.32E-03
6007774129955	600777	4129955	6.66E-07	0.666	2.15E-03
6007874129955	600787	4129955	6.21E-07	0.621	2.01E-03
6007974129955	600797	4129955	5.80E-07	0.580	1.88E-03
6008074129955	600807	4129955	5.44E-07	0.544	1.76E-03
6008174129955	600817	4129955	5.11E-07	0.511	1.65E-03
6008274129955	600827	4129955	4.80E-07	0.480	1.55E-03
6008374129955	600837	4129955	4.53E-07	0.453	1.46E-03
6008474129955	600847	4129955	4.28E-07	0.428	1.38E-03
6008574129955	600857	4129955	4.05E-07	0.405	1.31E-03
6008674129955	600867	4129955	3.84E-07	0.384	1.24E-03
6008774129955	600877	4129955	3.64E-07	0.364	1.18E-03
6008874129955	600887	4129955	3.46E-07	0.346	1.12E-03
6008974129955	600897	4129955	3.30E-07	0.330	1.07E-03
6009074129955	600907	4129955	3.14E-07	0.314	1.02E-03
6009174129955	600917	4129955	3.00E-07	0.300	9.69E-04

6001674129965	600167	4129965	1.39E-07	0.139	4.49E-04
6001774129965	600177	4129965	1.47E-07	0.147	4.77E-04
6001874129965	600187	4129965	1.57E-07	0.157	5.07E-04
6001974129965	600197	4129965	1.67E-07	0.167	5.39E-04
6002074129965	600207	4129965	1.77E-07	0.177	5.72E-04
6002174129965	600217	4129965	1.88E-07	0.188	6.07E-04
6002274129965	600227	4129965	1.98E-07	0.198	6.40E-04
6002374129965	600237	4129965	2.08E-07	0.208	6.71E-04
6002474129965	600247	4129965	2.16E-07	0.216	6.99E-04
6002574129965	600257	4129965	2.25E-07	0.225	7.27E-04
6002674129965	600267	4129965	2.34E-07	0.234	7.56E-04
6002774129965	600277	4129965	2.44E-07	0.244	7.88E-04
6002874129965	600287	4129965	2.54E-07	0.254	8.21E-04
6002974129965	600297	4129965	2.65E-07	0.265	8.56E-04
6003074129965	600307	4129965	2.76E-07	0.276	8.91E-04
6003174129965	600317	4129965	2.87E-07	0.287	9.27E-04
6003274129965	600327	4129965	2.99E-07	0.299	9.66E-04
6003374129965	600337	4129965	3.12E-07	0.312	1.01E-03
6003474129965	600347	4129965	3.27E-07	0.327	1.06E-03
6003574129965	600357	4129965	3.43E-07	0.343	1.11E-03
6003674129965	600367	4129965	3.61E-07	0.361	1.17E-03
6003774129965	600377	4129965	3.82E-07	0.382	1.24E-03
6003874129965	600387	4129965	4.07E-07	0.407	1.32E-03
6003974129965	600397	4129965	4.36E-07	0.436	1.41E-03
6004074129965	600407	4129965	4.69E-07	0.469	1.51E-03
6004174129965	600417	4129965	5.07E-07	0.507	1.64E-03
6004274129965	600427	4129965	5.55E-07	0.555	1.79E-03
6004374129965	600437	4129965	6.14E-07	0.614	1.98E-03
6004474129965	600447	4129965	6.90E-07	0.690	2.23E-03
6004574129965	600457	4129965	7.96E-07	0.796	2.57E-03
6004674129965	600467	4129965	9.58E-07	0.958	3.10E-03
6004774129965	600477	4129965	1.23E-06	1.232	3.98E-03
6004874129965	600487	4129965	1.72E-06	1.725	5.57E-03
6004974129965	600497	4129965	2.53E-06	2.527	8.17E-03
6006174129965	600617	4129965	3.40E-06	3.401	1.10E-02
6006274129965	600627	4129965	3.03E-06	3.033	9.80E-03
6006374129965	600637	4129965	2.73E-06	2.734	8.83E-03
6006474129965	600647	4129965	2.42E-06	2.422	7.83E-03
6006574129965	600657	4129965	2.08E-06	2.079	6.72E-03
6006674129965	600667	4129965	1.81E-06	1.814	5.86E-03
6006774129965	600677	4129965	1.60E-06	1.603	5.18E-03
6006874129965	600687	4129965	1.43E-06	1.427	4.61E-03
6006974129965	600697	4129965	1.28E-06	1.280	4.14E-03
6007074129965	600707	4129965	1.16E-06	1.157	3.74E-03
6007174129965	600717	4129965	1.05E-06	1.051	3.40E-03
6007274129965	600727	4129965	9.59E-07	0.959	3.10E-03
6007374129965	600737	4129965	8.80E-07	0.880	2.84E-03
6007474129965	600747	4129965	8.10E-07	0.810	2.62E-03
6007574129965	600757	4129965	7.48E-07	0.748	2.42E-03
6007674129965	600767	4129965	6.93E-07	0.693	2.24E-03
6007774129965	600777	4129965	6.44E-07	0.644	2.08E-03
6007874129965	600787	4129965	6.00E-07	0.600	1.94E-03
6007974129965	600797	4129965	5.61E-07	0.561	1.81E-03
6008074129965	600807	4129965	5.26E-07	0.526	1.70E-03
6008174129965	600817	4129965	4.94E-07	0.494	1.60E-03

6008274129965	600827	4129965	4.65E-07	0.465	1.50E-03
6008374129965	600837	4129965	4.38E-07	0.438	1.42E-03
6008474129965	600847	4129965	4.14E-07	0.414	1.34E-03
6008574129965	600857	4129965	3.92E-07	0.392	1.27E-03
6008674129965	600867	4129965	3.72E-07	0.372	1.20E-03
6008774129965	600877	4129965	3.53E-07	0.353	1.14E-03
6008874129965	600887	4129965	3.35E-07	0.335	1.08E-03
6008974129965	600897	4129965	3.19E-07	0.319	1.03E-03
6009074129965	600907	4129965	3.04E-07	0.304	9.84E-04
6009174129965	600917	4129965	2.91E-07	0.291	9.39E-04
6001674129975	600167	4129975	1.52E-07	0.152	4.90E-04
6001774129975	600177	4129975	1.62E-07	0.162	5.24E-04
6001874129975	600187	4129975	1.74E-07	0.174	5.61E-04
6001974129975	600197	4129975	1.86E-07	0.186	6.02E-04
6002074129975	600207	4129975	2.00E-07	0.200	6.46E-04
6002174129975	600217	4129975	2.14E-07	0.214	6.90E-04
6002274129975	600227	4129975	2.27E-07	0.227	7.33E-04
6002374129975	600237	4129975	2.38E-07	0.238	7.71E-04
6002474129975	600247	4129975	2.49E-07	0.249	8.04E-04
6002574129975	600257	4129975	2.59E-07	0.259	8.38E-04
6002674129975	600267	4129975	2.70E-07	0.270	8.74E-04
6002774129975	600277	4129975	2.82E-07	0.282	9.11E-04
6002874129975	600287	4129975	2.93E-07	0.293	9.48E-04
6002974129975	600297	4129975	3.04E-07	0.304	9.84E-04
6003074129975	600307	4129975	3.16E-07	0.316	1.02E-03
6003174129975	600317	4129975	3.28E-07	0.328	1.06E-03
6003274129975	600327	4129975	3.41E-07	0.341	1.10E-03
6003374129975	600337	4129975	3.55E-07	0.355	1.15E-03
6003474129975	600347	4129975	3.72E-07	0.372	1.20E-03
6003574129975	600357	4129975	3.91E-07	0.391	1.26E-03
6003674129975	600367	4129975	4.14E-07	0.414	1.34E-03
6003774129975	600377	4129975	4.41E-07	0.441	1.42E-03
6003874129975	600387	4129975	4.72E-07	0.472	1.53E-03
6003974129975	600397	4129975	5.09E-07	0.509	1.64E-03
6004074129975	600407	4129975	5.52E-07	0.552	1.78E-03
6004174129975	600417	4129975	6.02E-07	0.602	1.95E-03
6004274129975	600427	4129975	6.63E-07	0.663	2.14E-03
6004374129975	600437	4129975	7.37E-07	0.737	2.38E-03
6004474129975	600447	4129975	8.30E-07	0.830	2.68E-03
6004574129975	600457	4129975	9.51E-07	0.951	3.07E-03
6004674129975	600467	4129975	1.13E-06	1.125	3.64E-03
6004774129975	600477	4129975	1.42E-06	1.423	4.60E-03
6004874129975	600487	4129975	2.04E-06	2.044	6.61E-03
6006074129975	600607	4129975	3.63E-06	3.626	1.17E-02
6006174129975	600617	4129975	3.26E-06	3.256	1.05E-02
6006274129975	600627	4129975	2.74E-06	2.739	8.85E-03
6006374129975	600637	4129975	2.42E-06	2.421	7.82E-03
6006474129975	600647	4129975	2.15E-06	2.154	6.96E-03
6006574129975	600657	4129975	2.06E-06	2.058	6.65E-03
6006674129975	600667	4129975	1.77E-06	1.773	5.73E-03
6006774129975	600677	4129975	1.56E-06	1.557	5.03E-03
6006874129975	600687	4129975	1.38E-06	1.382	4.46E-03
6006974129975	600697	4129975	1.24E-06	1.236	4.00E-03
6007074129975	600707	4129975	1.11E-06	1.112	3.59E-03
6007174129975	600717	4129975	1.01E-06	1.010	3.27E-03

6007274129975	600727	4129975	9.23E-07	0.923	2.98E-03
6007374129975	600737	4129975	8.46E-07	0.846	2.73E-03
6007474129975	600747	4129975	7.79E-07	0.779	2.52E-03
6007574129975	600757	4129975	7.20E-07	0.720	2.33E-03
6007674129975	600767	4129975	6.67E-07	0.667	2.15E-03
6007774129975	600777	4129975	6.20E-07	0.620	2.00E-03
6007874129975	600787	4129975	5.78E-07	0.578	1.87E-03
6007974129975	600797	4129975	5.41E-07	0.541	1.75E-03
6008074129975	600807	4129975	5.07E-07	0.507	1.64E-03
6008174129975	600817	4129975	4.76E-07	0.476	1.54E-03
6008274129975	600827	4129975	4.48E-07	0.448	1.45E-03
6008374129975	600837	4129975	4.23E-07	0.423	1.37E-03
6008474129975	600847	4129975	4.00E-07	0.400	1.29E-03
6008574129975	600857	4129975	3.79E-07	0.379	1.22E-03
6008674129975	600867	4129975	3.59E-07	0.359	1.16E-03
6008774129975	600877	4129975	3.41E-07	0.341	1.10E-03
6008874129975	600887	4129975	3.24E-07	0.324	1.05E-03
6008974129975	600897	4129975	3.09E-07	0.309	9.97E-04
6009074129975	600907	4129975	2.94E-07	0.294	9.51E-04
6009174129975	600917	4129975	2.81E-07	0.281	9.08E-04
6001674129985	600167	4129985	1.66E-07	0.166	5.36E-04
6001774129985	600177	4129985	1.79E-07	0.179	5.78E-04
6001874129985	600187	4129985	1.94E-07	0.194	6.25E-04
6001974129985	600197	4129985	2.10E-07	0.210	6.79E-04
6002074129985	600207	4129985	2.28E-07	0.228	7.38E-04
6002174129985	600217	4129985	2.47E-07	0.247	7.99E-04
6002274129985	600227	4129985	2.65E-07	0.265	8.58E-04
6002374129985	600237	4129985	2.81E-07	0.281	9.07E-04
6002474129985	600247	4129985	2.94E-07	0.294	9.50E-04
6002574129985	600257	4129985	3.07E-07	0.307	9.92E-04
6002674129985	600267	4129985	3.20E-07	0.320	1.03E-03
6002774129985	600277	4129985	3.32E-07	0.332	1.07E-03
6002874129985	600287	4129985	3.42E-07	0.342	1.11E-03
6002974129985	600297	4129985	3.52E-07	0.352	1.14E-03
6003074129985	600307	4129985	3.62E-07	0.362	1.17E-03
6003174129985	600317	4129985	3.73E-07	0.373	1.21E-03
6003274129985	600327	4129985	3.87E-07	0.387	1.25E-03
6003374129985	600337	4129985	4.03E-07	0.403	1.30E-03
6003474129985	600347	4129985	4.22E-07	0.422	1.37E-03
6003574129985	600357	4129985	4.46E-07	0.446	1.44E-03
6003674129985	600367	4129985	4.73E-07	0.473	1.53E-03
6003774129985	600377	4129985	5.07E-07	0.507	1.64E-03
6003874129985	600387	4129985	5.47E-07	0.547	1.77E-03
6003974129985	600397	4129985	5.95E-07	0.595	1.92E-03
6004074129985	600407	4129985	6.52E-07	0.652	2.11E-03
6004174129985	600417	4129985	7.21E-07	0.721	2.33E-03
6004274129985	600427	4129985	8.02E-07	0.802	2.59E-03
6004374129985	600437	4129985	9.00E-07	0.900	2.91E-03
6004474129985	600447	4129985	1.02E-06	1.020	3.30E-03
6004574129985	600457	4129985	1.17E-06	1.167	3.77E-03
6004674129985	600467	4129985	1.35E-06	1.353	4.37E-03
6004774129985	600477	4129985	1.65E-06	1.645	5.32E-03
6005974129985	600597	4129985	3.75E-06	3.747	1.21E-02
6006074129985	600607	4129985	3.23E-06	3.233	1.04E-02
6006174129985	600617	4129985	2.85E-06	2.846	9.20E-03

6006274129985	600627	4129985	2.58E-06	2.578	8.33E-03
6006374129985	600637	4129985	2.17E-06	2.173	7.02E-03
6006474129985	600647	4129985	1.88E-06	1.881	6.08E-03
6006574129985	600657	4129985	1.75E-06	1.755	5.67E-03
6006674129985	600667	4129985	1.76E-06	1.759	5.68E-03
6006774129985	600677	4129985	1.52E-06	1.519	4.91E-03
6006874129985	600687	4129985	1.34E-06	1.339	4.33E-03
6006974129985	600697	4129985	1.19E-06	1.193	3.85E-03
6007074129985	600707	4129985	1.07E-06	1.071	3.46E-03
6007174129985	600717	4129985	9.72E-07	0.972	3.14E-03
6007274129985	600727	4129985	8.86E-07	0.886	2.86E-03
6007374129985	600737	4129985	8.12E-07	0.812	2.62E-03
6007474129985	600747	4129985	7.48E-07	0.748	2.42E-03
6007574129985	600757	4129985	6.91E-07	0.691	2.23E-03
6007674129985	600767	4129985	6.41E-07	0.641	2.07E-03
6007774129985	600777	4129985	5.96E-07	0.596	1.93E-03
6007874129985	600787	4129985	5.56E-07	0.556	1.80E-03
6007974129985	600797	4129985	5.20E-07	0.520	1.68E-03
6008074129985	600807	4129985	4.88E-07	0.488	1.58E-03
6008174129985	600817	4129985	4.58E-07	0.458	1.48E-03
6008274129985	600827	4129985	4.32E-07	0.432	1.40E-03
6008374129985	600837	4129985	4.08E-07	0.408	1.32E-03
6008474129985	600847	4129985	3.86E-07	0.386	1.25E-03
6008574129985	600857	4129985	3.65E-07	0.365	1.18E-03
6008674129985	600867	4129985	3.46E-07	0.346	1.12E-03
6008774129985	600877	4129985	3.29E-07	0.329	1.06E-03
6008874129985	600887	4129985	3.13E-07	0.313	1.01E-03
6008974129985	600897	4129985	2.98E-07	0.298	9.63E-04
6009074129985	600907	4129985	2.84E-07	0.284	9.18E-04
6009174129985	600917	4129985	2.71E-07	0.271	8.76E-04
6001674129995	600167	4129995	1.83E-07	0.183	5.90E-04
6001774129995	600177	4129995	1.99E-07	0.199	6.42E-04
6001874129995	600187	4129995	2.18E-07	0.218	7.03E-04
6001974129995	600197	4129995	2.40E-07	0.240	7.75E-04
6002074129995	600207	4129995	2.65E-07	0.265	8.58E-04
6002174129995	600217	4129995	2.94E-07	0.294	9.49E-04
6002274129995	600227	4129995	3.22E-07	0.322	1.04E-03
6002374129995	600237	4129995	3.47E-07	0.347	1.12E-03
6002474129995	600247	4129995	3.66E-07	0.366	1.18E-03
6002574129995	600257	4129995	3.82E-07	0.382	1.23E-03
6002674129995	600267	4129995	3.92E-07	0.392	1.27E-03
6002774129995	600277	4129995	3.98E-07	0.398	1.28E-03
6002874129995	600287	4129995	4.02E-07	0.402	1.30E-03
6002974129995	600297	4129995	4.07E-07	0.407	1.31E-03
6003074129995	600307	4129995	4.14E-07	0.414	1.34E-03
6003174129995	600317	4129995	4.24E-07	0.424	1.37E-03
6003274129995	600327	4129995	4.37E-07	0.437	1.41E-03
6003374129995	600337	4129995	4.54E-07	0.454	1.47E-03
6003474129995	600347	4129995	4.77E-07	0.477	1.54E-03
6003574129995	600357	4129995	5.04E-07	0.504	1.63E-03
6003674129995	600367	4129995	5.38E-07	0.538	1.74E-03
6003774129995	600377	4129995	5.79E-07	0.579	1.87E-03
6003874129995	600387	4129995	6.30E-07	0.630	2.04E-03
6003974129995	600397	4129995	6.93E-07	0.693	2.24E-03
6004074129995	600407	4129995	7.69E-07	0.769	2.48E-03



6004174129995	600417	4129995	8.62E-07	0.862	2.79E-03
6004274129995	600427	4129995	9.78E-07	0.978	3.16E-03
6004374129995	600437	4129995	1.12E-06	1.120	3.62E-03
6004474129995	600447	4129995	1.29E-06	1.293	4.18E-03
6004574129995	600457	4129995	1.50E-06	1.497	4.84E-03
6004674129995	600467	4129995	1.74E-06	1.739	5.62E-03
6004774129995	600477	4129995	1.99E-06	1.987	6.42E-03
6005974129995	600597	4129995	3.29E-06	3.291	1.06E-02
6006074129995	600607	4129995	2.81E-06	2.807	9.07E-03
6006174129995	600617	4129995	2.45E-06	2.451	7.92E-03
6006274129995	600627	4129995	2.20E-06	2.199	7.11E-03
6006374129995	600637	4129995	2.04E-06	2.037	6.58E-03
6006474129995	600647	4129995	1.73E-06	1.732	5.60E-03
6006574129995	600657	4129995	1.59E-06	1.591	5.14E-03
6006674129995	600667	4129995	1.48E-06	1.478	4.78E-03
6006774129995	600677	4129995	1.53E-06	1.528	4.94E-03
6006874129995	600687	4129995	1.32E-06	1.319	4.26E-03
6006974129995	600697	4129995	1.16E-06	1.160	3.75E-03
6007074129995	600707	4129995	1.04E-06	1.037	3.35E-03
6007174129995	600717	4129995	9.37E-07	0.937	3.03E-03
6007274129995	600727	4129995	8.53E-07	0.853	2.76E-03
6007374129995	600737	4129995	7.80E-07	0.780	2.52E-03
6007474129995	600747	4129995	7.18E-07	0.718	2.32E-03
6007574129995	600757	4129995	6.64E-07	0.664	2.15E-03
6007674129995	600767	4129995	6.15E-07	0.615	1.99E-03
6007774129995	600777	4129995	5.73E-07	0.573	1.85E-03
6007874129995	600787	4129995	5.34E-07	0.534	1.73E-03
6007974129995	600797	4129995	5.00E-07	0.500	1.62E-03
6008074129995	600807	4129995	4.69E-07	0.469	1.52E-03
6008174129995	600817	4129995	4.41E-07	0.441	1.43E-03
6008274129995	600827	4129995	4.16E-07	0.416	1.34E-03
6008374129995	600837	4129995	3.93E-07	0.393	1.27E-03
6008474129995	600847	4129995	3.72E-07	0.372	1.20E-03
6008574129995	600857	4129995	3.52E-07	0.352	1.14E-03
6008674129995	600867	4129995	3.34E-07	0.334	1.08E-03
6008774129995	600877	4129995	3.17E-07	0.317	1.02E-03
6008874129995	600887	4129995	3.01E-07	0.301	9.74E-04
6008974129995	600897	4129995	2.87E-07	0.287	9.28E-04
6009074129995	600907	4129995	2.74E-07	0.274	8.84E-04
6009174129995	600917	4129995	2.61E-07	0.261	8.44E-04
6001674130005	600167	4130005	2.02E-07	0.202	6.52E-04
6001774130005	600177	4130005	2.22E-07	0.222	7.19E-04
6001874130005	600187	4130005	2.47E-07	0.247	7.99E-04
6001974130005	600197	4130005	2.78E-07	0.278	8.97E-04
6002074130005	600207	4130005	3.15E-07	0.315	1.02E-03
6002174130005	600217	4130005	3.62E-07	0.362	1.17E-03
6002274130005	600227	4130005	4.20E-07	0.420	1.36E-03
6002374130005	600237	4130005	4.78E-07	0.478	1.54E-03
6002474130005	600247	4130005	5.11E-07	0.511	1.65E-03
6002574130005	600257	4130005	5.11E-07	0.511	1.65E-03
6002674130005	600267	4130005	4.96E-07	0.496	1.60E-03
6002774130005	600277	4130005	4.81E-07	0.481	1.56E-03
6002874130005	600287	4130005	4.72E-07	0.472	1.53E-03
6002974130005	600297	4130005	4.68E-07	0.468	1.51E-03
6003074130005	600307	4130005	4.70E-07	0.470	1.52E-03

6003174130005	600317	4130005	4.77E-07	0.477	1.54E-03
6003274130005	600327	4130005	4.89E-07	0.489	1.58E-03
6003374130005	600337	4130005	5.08E-07	0.508	1.64E-03
6003474130005	600347	4130005	5.33E-07	0.533	1.72E-03
6003574130005	600357	4130005	5.65E-07	0.565	1.83E-03
6003674130005	600367	4130005	6.05E-07	0.605	1.96E-03
6003774130005	600377	4130005	6.56E-07	0.656	2.12E-03
6003874130005	600387	4130005	7.19E-07	0.719	2.32E-03
6003974130005	600397	4130005	7.98E-07	0.798	2.58E-03
6004074130005	600407	4130005	8.97E-07	0.897	2.90E-03
6004174130005	600417	4130005	1.02E-06	1.022	3.30E-03
6004274130005	600427	4130005	1.18E-06	1.184	3.83E-03
6004374130005	600437	4130005	1.39E-06	1.391	4.50E-03
6004474130005	600447	4130005	1.66E-06	1.658	5.36E-03
6004574130005	600457	4130005	2.01E-06	2.006	6.48E-03
6004674130005	600467	4130005	2.45E-06	2.454	7.93E-03
6004774130005	600477	4130005	2.88E-06	2.877	9.30E-03
6005874130005	600587	4130005	3.28E-06	3.284	1.06E-02
6005974130005	600597	4130005	2.76E-06	2.758	8.91E-03
6006074130005	600607	4130005	2.36E-06	2.362	7.63E-03
6006174130005	600617	4130005	2.07E-06	2.068	6.68E-03
6006274130005	600627	4130005	1.86E-06	1.858	6.00E-03
6006374130005	600637	4130005	1.71E-06	1.714	5.54E-03
6006474130005	600647	4130005	1.63E-06	1.626	5.25E-03
6006574130005	600657	4130005	1.49E-06	1.489	4.81E-03
6006674130005	600667	4130005	1.32E-06	1.324	4.28E-03
6006774130005	600677	4130005	1.22E-06	1.222	3.95E-03
6006874130005	600687	4130005	1.36E-06	1.356	4.38E-03
6006974130005	600697	4130005	1.16E-06	1.163	3.76E-03
6007074130005	600707	4130005	1.02E-06	1.022	3.30E-03
6007174130005	600717	4130005	9.14E-07	0.914	2.96E-03
6007274130005	600727	4130005	8.29E-07	0.829	2.68E-03
6007374130005	600737	4130005	7.57E-07	0.757	2.44E-03
6007474130005	600747	4130005	6.95E-07	0.695	2.25E-03
6007574130005	600757	4130005	6.41E-07	0.641	2.07E-03
6007674130005	600767	4130005	5.93E-07	0.593	1.92E-03
6007774130005	600777	4130005	5.52E-07	0.552	1.78E-03
6007874130005	600787	4130005	5.15E-07	0.515	1.66E-03
6007974130005	600797	4130005	4.82E-07	0.482	1.56E-03
6008074130005	600807	4130005	4.52E-07	0.452	1.46E-03
6008174130005	600817	4130005	4.26E-07	0.426	1.38E-03
6008274130005	600827	4130005	4.01E-07	0.401	1.30E-03
6008374130005	600837	4130005	3.78E-07	0.378	1.22E-03
6008474130005	600847	4130005	3.58E-07	0.358	1.16E-03
6008574130005	600857	4130005	3.39E-07	0.339	1.09E-03
6008674130005	600867	4130005	3.21E-07	0.321	1.04E-03
6008774130005	600877	4130005	3.05E-07	0.305	9.85E-04
6008874130005	600887	4130005	2.90E-07	0.290	9.37E-04
6008974130005	600897	4130005	2.76E-07	0.276	8.92E-04
6009074130005	600907	4130005	2.63E-07	0.263	8.51E-04
6009174130005	600917	4130005	2.51E-07	0.251	8.13E-04
6001674130015	600167	4130015	2.24E-07	0.224	7.23E-04
6001774130015	600177	4130015	2.50E-07	0.250	8.09E-04
6001874130015	600187	4130015	2.84E-07	0.284	9.17E-04
6001974130015	600197	4130015	3.27E-07	0.327	1.06E-03

6002074130015	600207	4130015	3.85E-07	0.385	1.24E-03
6002174130015	600217	4130015	4.73E-07	0.473	1.53E-03
6002274130015	600227	4130015	5.19E-07	0.519	1.68E-03
6002374130015	600237	4130015	5.10E-07	0.510	1.65E-03
6002474130015	600247	4130015	6.64E-07	0.664	2.14E-03
6002574130015	600257	4130015	7.11E-07	0.711	2.30E-03
6002674130015	600267	4130015	6.29E-07	0.629	2.03E-03
6002774130015	600277	4130015	5.80E-07	0.580	1.87E-03
6002874130015	600287	4130015	5.50E-07	0.550	1.78E-03
6002974130015	600297	4130015	5.34E-07	0.534	1.72E-03
6003074130015	600307	4130015	5.28E-07	0.528	1.71E-03
6003174130015	600317	4130015	5.32E-07	0.532	1.72E-03
6003274130015	600327	4130015	5.43E-07	0.543	1.76E-03
6003374130015	600337	4130015	5.62E-07	0.562	1.82E-03
6003474130015	600347	4130015	5.90E-07	0.590	1.91E-03
6003574130015	600357	4130015	6.26E-07	0.626	2.02E-03
6003674130015	600367	4130015	6.73E-07	0.673	2.18E-03
6003774130015	600377	4130015	7.33E-07	0.733	2.37E-03
6003874130015	600387	4130015	8.08E-07	0.808	2.61E-03
6003974130015	600397	4130015	9.03E-07	0.903	2.92E-03
6004074130015	600407	4130015	1.03E-06	1.026	3.31E-03
6004174130015	600417	4130015	1.18E-06	1.184	3.83E-03
6004274130015	600427	4130015	1.39E-06	1.393	4.50E-03
6004374130015	600437	4130015	1.67E-06	1.672	5.40E-03
6004474130015	600447	4130015	2.05E-06	2.050	6.62E-03
6004574130015	600457	4130015	2.61E-06	2.610	8.43E-03
6004674130015	600467	4130015	3.41E-06	3.414	1.10E-02
6004774130015	600477	4130015	4.61E-06	4.610	1.49E-02
6004874130015	600487	4130015	6.08E-06	6.080	1.96E-02
6004974130015	600497	4130015	2.84E-06	2.841	9.18E-03
6005774130015	600577	4130015	3.11E-06	3.109	1.00E-02
6005874130015	600587	4130015	2.62E-06	2.615	8.45E-03
6005974130015	600597	4130015	2.23E-06	2.227	7.20E-03
6006074130015	600607	4130015	1.93E-06	1.934	6.25E-03
6006174130015	600617	4130015	1.71E-06	1.715	5.54E-03
6006274130015	600627	4130015	1.55E-06	1.548	5.00E-03
6006374130015	600637	4130015	1.43E-06	1.433	4.63E-03
6006474130015	600647	4130015	1.35E-06	1.355	4.38E-03
6006574130015	600657	4130015	1.32E-06	1.319	4.26E-03
6006674130015	600667	4130015	1.34E-06	1.340	4.33E-03
6006774130015	600677	4130015	1.11E-06	1.106	3.57E-03
6006874130015	600687	4130015	1.08E-06	1.080	3.49E-03
6006974130015	600697	4130015	1.09E-06	1.093	3.53E-03
6007074130015	600707	4130015	1.05E-06	1.046	3.38E-03
6007174130015	600717	4130015	9.17E-07	0.917	2.96E-03
6007274130015	600727	4130015	8.21E-07	0.821	2.65E-03
6007374130015	600737	4130015	7.44E-07	0.744	2.40E-03
6007474130015	600747	4130015	6.79E-07	0.679	2.19E-03
6007574130015	600757	4130015	6.24E-07	0.624	2.02E-03
6007674130015	600767	4130015	5.76E-07	0.576	1.86E-03
6007774130015	600777	4130015	5.35E-07	0.535	1.73E-03
6007874130015	600787	4130015	4.99E-07	0.499	1.61E-03
6007974130015	600797	4130015	4.66E-07	0.466	1.51E-03
6008074130015	600807	4130015	4.37E-07	0.437	1.41E-03
6008174130015	600817	4130015	4.11E-07	0.411	1.33E-03

6008274130015	600827	4130015	3.87E-07	0.387	1.25E-03
6008374130015	600837	4130015	3.65E-07	0.365	1.18E-03
6008474130015	600847	4130015	3.44E-07	0.344	1.11E-03
6008574130015	600857	4130015	3.26E-07	0.326	1.05E-03
6008674130015	600867	4130015	3.09E-07	0.309	9.97E-04
6008774130015	600877	4130015	2.93E-07	0.293	9.47E-04
6008874130015	600887	4130015	2.78E-07	0.278	9.00E-04
6008974130015	600897	4130015	2.65E-07	0.265	8.57E-04
6009074130015	600907	4130015	2.53E-07	0.253	8.17E-04
6009174130015	600917	4130015	2.42E-07	0.242	7.81E-04
6001674130025	600167	4130025	2.50E-07	0.250	8.07E-04
6001774130025	600177	4130025	2.84E-07	0.284	9.18E-04
6001874130025	600187	4130025	3.29E-07	0.329	1.06E-03
6001974130025	600197	4130025	3.91E-07	0.391	1.26E-03
6002074130025	600207	4130025	4.85E-07	0.485	1.57E-03
6002174130025	600217	4130025	4.79E-07	0.479	1.55E-03
6002274130025	600227	4130025	6.16E-07	0.616	1.99E-03
6002374130025	600237	4130025	6.00E-07	0.600	1.94E-03
6002474130025	600247	4130025	6.99E-07	0.699	2.26E-03
6002574130025	600257	4130025	6.42E-07	0.642	2.07E-03
6002674130025	600267	4130025	7.87E-07	0.787	2.54E-03
6002774130025	600277	4130025	6.91E-07	0.691	2.23E-03
6002874130025	600287	4130025	6.36E-07	0.636	2.05E-03
6002974130025	600297	4130025	6.04E-07	0.604	1.95E-03
6003074130025	600307	4130025	5.89E-07	0.589	1.90E-03
6003174130025	600317	4130025	5.88E-07	0.588	1.90E-03
6003274130025	600327	4130025	5.98E-07	0.598	1.93E-03
6003374130025	600337	4130025	6.17E-07	0.617	1.99E-03
6003474130025	600347	4130025	6.46E-07	0.646	2.09E-03
6003574130025	600357	4130025	6.86E-07	0.686	2.22E-03
6003674130025	600367	4130025	7.38E-07	0.738	2.39E-03
6003774130025	600377	4130025	8.06E-07	0.806	2.60E-03
6003874130025	600387	4130025	8.90E-07	0.890	2.88E-03
6003974130025	600397	4130025	9.99E-07	0.999	3.23E-03
6004074130025	600407	4130025	1.14E-06	1.140	3.69E-03
6004174130025	600417	4130025	1.32E-06	1.324	4.28E-03
6004274130025	600427	4130025	1.57E-06	1.567	5.06E-03
6004374130025	600437	4130025	1.89E-06	1.891	6.11E-03
6004474130025	600447	4130025	2.35E-06	2.347	7.58E-03
6004574130025	600457	4130025	3.01E-06	3.011	9.73E-03
6004674130025	600467	4130025	3.97E-06	3.974	1.28E-02
6004774130025	600477	4130025	5.36E-06	5.361	1.73E-02
6004874130025	600487	4130025	6.83E-06	6.831	2.21E-02
6004974130025	600497	4130025	5.55E-06	5.554	1.79E-02
6005074130025	600507	4130025	3.08E-06	3.076	9.94E-03
6005674130025	600567	4130025	2.70E-06	2.701	8.73E-03
6005774130025	600577	4130025	2.32E-06	2.324	7.51E-03
6005874130025	600587	4130025	2.00E-06	2.002	6.47E-03
6005974130025	600597	4130025	1.75E-06	1.748	5.65E-03
6006074130025	600607	4130025	1.55E-06	1.550	5.01E-03
6006174130025	600617	4130025	1.40E-06	1.400	4.52E-03
6006274130025	600627	4130025	1.28E-06	1.281	4.14E-03
6006374130025	600637	4130025	1.19E-06	1.194	3.86E-03
6006474130025	600647	4130025	1.13E-06	1.134	3.66E-03
6006574130025	600657	4130025	1.10E-06	1.103	3.56E-03

6006674130025	600667	4130025	1.10E-06	1.102	3.56E-03
6006774130025	600677	4130025	1.14E-06	1.144	3.70E-03
6006874130025	600687	4130025	9.55E-07	0.955	3.09E-03
6006974130025	600697	4130025	9.19E-07	0.919	2.97E-03
6007074130025	600707	4130025	8.82E-07	0.882	2.85E-03
6007174130025	600717	4130025	9.68E-07	0.968	3.13E-03
6007274130025	600727	4130025	8.42E-07	0.842	2.72E-03
6007374130025	600737	4130025	7.49E-07	0.749	2.42E-03
6007474130025	600747	4130025	6.76E-07	0.676	2.19E-03
6007574130025	600757	4130025	6.16E-07	0.616	1.99E-03
6007674130025	600767	4130025	5.66E-07	0.566	1.83E-03
6007774130025	600777	4130025	5.23E-07	0.523	1.69E-03
6007874130025	600787	4130025	4.86E-07	0.486	1.57E-03
6007974130025	600797	4130025	4.54E-07	0.454	1.47E-03
6008074130025	600807	4130025	4.24E-07	0.424	1.37E-03
6008174130025	600817	4130025	3.97E-07	0.397	1.28E-03
6008274130025	600827	4130025	3.73E-07	0.373	1.20E-03
6008374130025	600837	4130025	3.51E-07	0.351	1.13E-03
6008474130025	600847	4130025	3.31E-07	0.331	1.07E-03
6008574130025	600857	4130025	3.13E-07	0.313	1.01E-03
6008674130025	600867	4130025	2.96E-07	0.296	9.57E-04
6008774130025	600877	4130025	2.81E-07	0.281	9.08E-04
6008874130025	600887	4130025	2.67E-07	0.267	8.63E-04
6008974130025	600897	4130025	2.54E-07	0.254	8.22E-04
6009074130025	600907	4130025	2.43E-07	0.243	7.84E-04
6009174130025	600917	4130025	2.32E-07	0.232	7.49E-04
6001674130035	600167	4130035	2.80E-07	0.280	9.04E-04
6001774130035	600177	4130035	3.25E-07	0.325	1.05E-03
6001874130035	600187	4130035	3.86E-07	0.386	1.25E-03
6001974130035	600197	4130035	4.77E-07	0.477	1.54E-03
6002074130035	600207	4130035	5.50E-07	0.550	1.78E-03
6002174130035	600217	4130035	5.85E-07	0.585	1.89E-03
6002274130035	600227	4130035	6.82E-07	0.682	2.20E-03
6002374130035	600237	4130035	9.05E-07	0.905	2.92E-03
6002474130035	600247	4130035	6.93E-07	0.693	2.24E-03
6002574130035	600257	4130035	6.80E-07	0.680	2.20E-03
6002674130035	600267	4130035	6.96E-07	0.696	2.25E-03
6002774130035	600277	4130035	8.35E-07	0.835	2.70E-03
6002874130035	600287	4130035	7.37E-07	0.737	2.38E-03
6002974130035	600297	4130035	6.83E-07	0.683	2.21E-03
6003074130035	600307	4130035	6.56E-07	0.656	2.12E-03
6003174130035	600317	4130035	6.47E-07	0.647	2.09E-03
6003274130035	600327	4130035	6.53E-07	0.653	2.11E-03
6003374130035	600337	4130035	6.71E-07	0.671	2.17E-03
6003474130035	600347	4130035	7.01E-07	0.701	2.26E-03
6003574130035	600357	4130035	7.42E-07	0.742	2.40E-03
6003674130035	600367	4130035	7.98E-07	0.798	2.58E-03
6003774130035	600377	4130035	8.70E-07	0.870	2.81E-03
6003874130035	600387	4130035	9.61E-07	0.961	3.11E-03
6003974130035	600397	4130035	1.08E-06	1.078	3.49E-03
6004074130035	600407	4130035	1.23E-06	1.229	3.97E-03
6004174130035	600417	4130035	1.42E-06	1.422	4.60E-03
6004274130035	600427	4130035	1.67E-06	1.675	5.41E-03
6004374130035	600437	4130035	2.00E-06	2.005	6.48E-03
6004474130035	600447	4130035	2.46E-06	2.457	7.94E-03

6004574130035	600457	4130035	3.06E-06	3.063	9.90E-03
6004674130035	600467	4130035	3.84E-06	3.844	1.24E-02
6004774130035	600477	4130035	4.70E-06	4.699	1.52E-02
6004874130035	600487	4130035	5.11E-06	5.108	1.65E-02
6004974130035	600497	4130035	4.37E-06	4.373	1.41E-02
6005074130035	600507	4130035	3.31E-06	3.310	1.07E-02
6005174130035	600517	4130035	2.69E-06	2.690	8.69E-03
6005574130035	600557	4130035	2.13E-06	2.132	6.89E-03
6005674130035	600567	4130035	1.91E-06	1.914	6.19E-03
6005774130035	600577	4130035	1.70E-06	1.700	5.49E-03
6005874130035	600587	4130035	1.52E-06	1.516	4.90E-03
6005974130035	600597	4130035	1.36E-06	1.360	4.39E-03
6006074130035	600607	4130035	1.23E-06	1.233	3.99E-03
6006174130035	600617	4130035	1.14E-06	1.137	3.67E-03
6006274130035	600627	4130035	1.06E-06	1.058	3.42E-03
6006374130035	600637	4130035	9.98E-07	0.998	3.23E-03
6006474130035	600647	4130035	9.56E-07	0.956	3.09E-03
6006574130035	600657	4130035	9.34E-07	0.934	3.02E-03
6006674130035	600667	4130035	9.28E-07	0.928	3.00E-03
6006774130035	600677	4130035	9.46E-07	0.946	3.06E-03
6006874130035	600687	4130035	9.98E-07	0.998	3.22E-03
6006974130035	600697	4130035	8.45E-07	0.845	2.73E-03
6007074130035	600707	4130035	7.50E-07	0.750	2.42E-03
6007174130035	600717	4130035	7.89E-07	0.789	2.55E-03
6007274130035	600727	4130035	9.13E-07	0.913	2.95E-03
6007374130035	600737	4130035	7.87E-07	0.787	2.54E-03
6007474130035	600747	4130035	6.92E-07	0.692	2.24E-03
6007574130035	600757	4130035	6.21E-07	0.621	2.01E-03
6007674130035	600767	4130035	5.65E-07	0.565	1.83E-03
6007774130035	600777	4130035	5.18E-07	0.518	1.68E-03
6007874130035	600787	4130035	4.78E-07	0.478	1.55E-03
6007974130035	600797	4130035	4.43E-07	0.443	1.43E-03
6008074130035	600807	4130035	4.11E-07	0.411	1.33E-03
6008174130035	600817	4130035	3.84E-07	0.384	1.24E-03
6008274130035	600827	4130035	3.59E-07	0.359	1.16E-03
6008374130035	600837	4130035	3.37E-07	0.337	1.09E-03
6008474130035	600847	4130035	3.18E-07	0.318	1.03E-03
6008574130035	600857	4130035	3.00E-07	0.300	9.70E-04
6008674130035	600867	4130035	2.84E-07	0.284	9.18E-04
6008774130035	600877	4130035	2.69E-07	0.269	8.70E-04
6008874130035	600887	4130035	2.56E-07	0.256	8.27E-04
6008974130035	600897	4130035	2.44E-07	0.244	7.87E-04
6009074130035	600907	4130035	2.32E-07	0.232	7.51E-04
6009174130035	600917	4130035	2.22E-07	0.222	7.18E-04
6001674130045	600167	4130045	3.15E-07	0.315	1.02E-03
6001774130045	600177	4130045	3.75E-07	0.375	1.21E-03
6001874130045	600187	4130045	4.60E-07	0.460	1.49E-03
6001974130045	600197	4130045	6.04E-07	0.604	1.95E-03
6002074130045	600207	4130045	5.67E-07	0.567	1.83E-03
6002174130045	600217	4130045	6.45E-07	0.645	2.08E-03
6002274130045	600227	4130045	8.49E-07	0.849	2.74E-03
6002374130045	600237	4130045	7.70E-07	0.770	2.49E-03
6002474130045	600247	4130045	7.85E-07	0.785	2.54E-03
6002574130045	600257	4130045	7.51E-07	0.751	2.43E-03
6002674130045	600267	4130045	6.75E-07	0.675	2.18E-03

6002774130045	600277	4130045	6.76E-07	0.676	2.19E-03
6002874130045	600287	4130045	8.85E-07	0.885	2.86E-03
6002974130045	600297	4130045	7.86E-07	0.786	2.54E-03
6003074130045	600307	4130045	7.36E-07	0.736	2.38E-03
6003174130045	600317	4130045	7.14E-07	0.714	2.31E-03
6003274130045	600327	4130045	7.11E-07	0.711	2.30E-03
6003374130045	600337	4130045	7.25E-07	0.725	2.34E-03
6003474130045	600347	4130045	7.53E-07	0.753	2.43E-03
6003574130045	600357	4130045	7.94E-07	0.794	2.57E-03
6003674130045	600367	4130045	8.50E-07	0.850	2.75E-03
6003774130045	600377	4130045	9.23E-07	0.923	2.98E-03
6003874130045	600387	4130045	1.02E-06	1.016	3.28E-03
6003974130045	600397	4130045	1.13E-06	1.134	3.67E-03
6004074130045	600407	4130045	1.28E-06	1.283	4.15E-03
6004174130045	600417	4130045	1.47E-06	1.470	4.75E-03
6004274130045	600427	4130045	1.70E-06	1.704	5.51E-03
6004374130045	600437	4130045	2.01E-06	2.007	6.49E-03
6004474130045	600447	4130045	2.39E-06	2.386	7.71E-03
6004574130045	600457	4130045	2.84E-06	2.843	9.19E-03
6004674130045	600467	4130045	3.34E-06	3.336	1.08E-02
6004774130045	600477	4130045	3.73E-06	3.726	1.20E-02
6004874130045	600487	4130045	3.77E-06	3.767	1.22E-02
6004974130045	600497	4130045	3.38E-06	3.384	1.09E-02
6005074130045	600507	4130045	2.88E-06	2.883	9.32E-03
6005174130045	600517	4130045	2.47E-06	2.465	7.97E-03
6005274130045	600527	4130045	2.16E-06	2.156	6.97E-03
6005474130045	600547	4130045	1.68E-06	1.679	5.43E-03
6005574130045	600557	4130045	1.53E-06	1.534	4.96E-03
6005674130045	600567	4130045	1.40E-06	1.401	4.53E-03
6005774130045	600577	4130045	1.28E-06	1.278	4.13E-03
6005874130045	600587	4130045	1.17E-06	1.170	3.78E-03
6005974130045	600597	4130045	1.08E-06	1.077	3.48E-03
6006074130045	600607	4130045	9.99E-07	0.999	3.23E-03
6006174130045	600617	4130045	9.35E-07	0.935	3.02E-03
6006274130045	600627	4130045	8.83E-07	0.883	2.85E-03
6006374130045	600637	4130045	8.43E-07	0.843	2.72E-03
6006474130045	600647	4130045	8.16E-07	0.816	2.64E-03
6006574130045	600657	4130045	8.02E-07	0.802	2.59E-03
6006674130045	600667	4130045	7.97E-07	0.797	2.58E-03
6006774130045	600677	4130045	8.07E-07	0.807	2.61E-03
6006874130045	600687	4130045	8.36E-07	0.836	2.70E-03
6006974130045	600697	4130045	8.97E-07	0.897	2.90E-03
6007074130045	600707	4130045	7.66E-07	0.766	2.47E-03
6007174130045	600717	4130045	7.62E-07	0.762	2.46E-03
6007274130045	600727	4130045	7.51E-07	0.751	2.43E-03
6007374130045	600737	4130045	8.77E-07	0.877	2.83E-03
6007474130045	600747	4130045	7.39E-07	0.739	2.39E-03
6007574130045	600757	4130045	6.45E-07	0.645	2.09E-03
6007674130045	600767	4130045	5.75E-07	0.575	1.86E-03
6007774130045	600777	4130045	5.18E-07	0.518	1.67E-03
6007874130045	600787	4130045	4.71E-07	0.471	1.52E-03
6007974130045	600797	4130045	4.31E-07	0.431	1.39E-03
6008074130045	600807	4130045	3.98E-07	0.398	1.29E-03
6008174130045	600817	4130045	3.70E-07	0.370	1.20E-03
6008274130045	600827	4130045	3.45E-07	0.345	1.12E-03

6008374130045	600837	4130045	3.23E-07	0.323	1.05E-03
6008474130045	600847	4130045	3.04E-07	0.304	9.84E-04
6008574130045	600857	4130045	2.87E-07	0.287	9.29E-04
6008674130045	600867	4130045	2.72E-07	0.272	8.79E-04
6008774130045	600877	4130045	2.58E-07	0.258	8.33E-04
6008874130045	600887	4130045	2.45E-07	0.245	7.92E-04
6008974130045	600897	4130045	2.33E-07	0.233	7.53E-04
6009074130045	600907	4130045	2.22E-07	0.222	7.19E-04
6001774130055	600177	4130055	4.38E-07	0.438	1.42E-03
6001874130055	600187	4130055	5.69E-07	0.569	1.84E-03
6001974130055	600197	4130055	5.44E-07	0.544	1.76E-03
6002074130055	600207	4130055	6.20E-07	0.620	2.00E-03
6002174130055	600217	4130055	7.26E-07	0.726	2.35E-03
6002274130055	600227	4130055	7.20E-07	0.720	2.33E-03
6002374130055	600237	4130055	6.81E-07	0.681	2.20E-03
6002474130055	600247	4130055	6.90E-07	0.690	2.23E-03
6002574130055	600257	4130055	7.44E-07	0.744	2.40E-03
6002674130055	600267	4130055	8.56E-07	0.856	2.77E-03
6002774130055	600277	4130055	6.92E-07	0.692	2.24E-03
6002874130055	600287	4130055	6.25E-07	0.625	2.02E-03
6002974130055	600297	4130055	8.23E-07	0.823	2.66E-03
6003074130055	600307	4130055	8.43E-07	0.843	2.72E-03
6003174130055	600317	4130055	7.93E-07	0.793	2.56E-03
6003274130055	600327	4130055	7.77E-07	0.777	2.51E-03
6003374130055	600337	4130055	7.82E-07	0.782	2.53E-03
6003474130055	600347	4130055	8.04E-07	0.804	2.60E-03
6003574130055	600357	4130055	8.42E-07	0.842	2.72E-03
6003674130055	600367	4130055	8.95E-07	0.895	2.89E-03
6003774130055	600377	4130055	9.65E-07	0.965	3.12E-03
6003874130055	600387	4130055	1.05E-06	1.054	3.41E-03
6003974130055	600397	4130055	1.17E-06	1.165	3.77E-03
6004074130055	600407	4130055	1.30E-06	1.304	4.21E-03
6004174130055	600417	4130055	1.47E-06	1.471	4.75E-03
6004274130055	600427	4130055	1.68E-06	1.676	5.42E-03
6004374130055	600437	4130055	1.92E-06	1.923	6.21E-03
6004474130055	600447	4130055	2.20E-06	2.205	7.13E-03
6004574130055	600457	4130055	2.51E-06	2.507	8.10E-03
6004674130055	600467	4130055	2.78E-06	2.776	8.97E-03
6004774130055	600477	4130055	2.93E-06	2.929	9.47E-03
6004874130055	600487	4130055	2.88E-06	2.883	9.32E-03
6004974130055	600497	4130055	2.67E-06	2.666	8.61E-03
6005074130055	600507	4130055	2.39E-06	2.389	7.72E-03
6005174130055	600517	4130055	2.11E-06	2.110	6.82E-03
6005274130055	600527	4130055	1.85E-06	1.853	5.99E-03
6005374130055	600537	4130055	1.60E-06	1.602	5.18E-03
6005474130055	600547	4130055	1.38E-06	1.383	4.47E-03
6005574130055	600557	4130055	1.23E-06	1.228	3.97E-03
6005674130055	600567	4130055	1.11E-06	1.114	3.60E-03
6005774130055	600577	4130055	1.02E-06	1.024	3.31E-03
6005874130055	600587	4130055	9.48E-07	0.948	3.06E-03
6005974130055	600597	4130055	8.85E-07	0.885	2.86E-03
6006074130055	600607	4130055	8.32E-07	0.832	2.69E-03
6006174130055	600617	4130055	7.87E-07	0.787	2.54E-03
6006274130055	600627	4130055	7.53E-07	0.753	2.43E-03
6006374130055	600637	4130055	7.26E-07	0.726	2.35E-03



6006474130055	600647	4130055	7.09E-07	0.709	2.29E-03
6006574130055	600657	4130055	7.00E-07	0.700	2.26E-03
6006674130055	600667	4130055	6.99E-07	0.699	2.26E-03
6006774130055	600677	4130055	7.06E-07	0.706	2.28E-03
6006874130055	600687	4130055	7.27E-07	0.727	2.35E-03
6006974130055	600697	4130055	7.66E-07	0.766	2.48E-03
6007074130055	600707	4130055	8.32E-07	0.832	2.69E-03
6007174130055	600717	4130055	8.16E-07	0.816	2.64E-03
6007274130055	600727	4130055	6.51E-07	0.651	2.10E-03
6007374130055	600737	4130055	6.95E-07	0.695	2.25E-03
6007474130055	600747	4130055	8.45E-07	0.845	2.73E-03
6007574130055	600757	4130055	6.91E-07	0.691	2.23E-03
6007674130055	600767	4130055	5.88E-07	0.588	1.90E-03
6007774130055	600777	4130055	5.15E-07	0.515	1.66E-03
6007874130055	600787	4130055	4.60E-07	0.460	1.49E-03
6007974130055	600797	4130055	4.18E-07	0.418	1.35E-03
6008074130055	600807	4130055	3.83E-07	0.383	1.24E-03
6008174130055	600817	4130055	3.55E-07	0.355	1.15E-03
6008274130055	600827	4130055	3.30E-07	0.330	1.07E-03
6008374130055	600837	4130055	3.09E-07	0.309	1.00E-03
6008474130055	600847	4130055	2.91E-07	0.291	9.40E-04
6008574130055	600857	4130055	2.74E-07	0.274	8.87E-04
6008674130055	600867	4130055	2.60E-07	0.260	8.39E-04
6008774130055	600877	4130055	2.47E-07	0.247	7.97E-04
6008874130055	600887	4130055	2.34E-07	0.234	7.57E-04
6008974130055	600897	4130055	2.23E-07	0.223	7.21E-04
6009074130055	600907	4130055	2.13E-07	0.213	6.88E-04
6001774130065	600177	4130065	5.32E-07	0.532	1.72E-03
6001874130065	600187	4130065	5.07E-07	0.507	1.64E-03
6001974130065	600197	4130065	4.96E-07	0.496	1.60E-03
6002074130065	600207	4130065	7.35E-07	0.735	2.38E-03
6002174130065	600217	4130065	6.98E-07	0.698	2.26E-03
6002274130065	600227	4130065	6.33E-07	0.633	2.05E-03
6002374130065	600237	4130065	6.11E-07	0.611	1.97E-03
6002474130065	600247	4130065	6.20E-07	0.620	2.01E-03
6002574130065	600257	4130065	6.59E-07	0.659	2.13E-03
6002674130065	600267	4130065	7.29E-07	0.729	2.35E-03
6002774130065	600277	4130065	8.42E-07	0.842	2.72E-03
6002874130065	600287	4130065	7.01E-07	0.701	2.27E-03
6002974130065	600297	4130065	7.34E-07	0.734	2.37E-03
6003074130065	600307	4130065	8.51E-07	0.851	2.75E-03
6003174130065	600317	4130065	9.04E-07	0.904	2.92E-03
6003274130065	600327	4130065	8.57E-07	0.857	2.77E-03
6003374130065	600337	4130065	8.45E-07	0.845	2.73E-03
6003474130065	600347	4130065	8.57E-07	0.857	2.77E-03
6003574130065	600357	4130065	8.86E-07	0.886	2.86E-03
6003674130065	600367	4130065	9.32E-07	0.932	3.01E-03
6003774130065	600377	4130065	9.94E-07	0.994	3.21E-03
6003874130065	600387	4130065	1.07E-06	1.075	3.47E-03
6003974130065	600397	4130065	1.17E-06	1.174	3.80E-03
6004074130065	600407	4130065	1.29E-06	1.295	4.18E-03
6004174130065	600417	4130065	1.44E-06	1.435	4.64E-03
6004274130065	600427	4130065	1.60E-06	1.603	5.18E-03
6004374130065	600437	4130065	1.79E-06	1.789	5.78E-03
6004474130065	600447	4130065	1.98E-06	1.983	6.41E-03

6004574130065	600457	4130065	2.16E-06	2.164	6.99E-03
6004674130065	600467	4130065	2.30E-06	2.298	7.43E-03
6004774130065	600477	4130065	2.34E-06	2.344	7.58E-03
6004874130065	600487	4130065	2.28E-06	2.282	7.37E-03
6004974130065	600497	4130065	2.14E-06	2.142	6.92E-03
6005074130065	600507	4130065	1.96E-06	1.965	6.35E-03
6005174130065	600517	4130065	1.76E-06	1.764	5.70E-03
6005274130065	600527	4130065	1.55E-06	1.554	5.02E-03
6005374130065	600537	4130065	1.35E-06	1.349	4.36E-03
6005474130065	600547	4130065	1.18E-06	1.175	3.80E-03
6005574130065	600557	4130065	1.04E-06	1.043	3.37E-03
6005674130065	600567	4130065	9.44E-07	0.944	3.05E-03
6005774130065	600577	4130065	8.67E-07	0.867	2.80E-03
6005874130065	600587	4130065	8.07E-07	0.807	2.61E-03
6005974130065	600597	4130065	7.58E-07	0.758	2.45E-03
6006074130065	600607	4130065	7.18E-07	0.718	2.32E-03
6006174130065	600617	4130065	6.84E-07	0.684	2.21E-03
6006274130065	600627	4130065	6.59E-07	0.659	2.13E-03
6006374130065	600637	4130065	6.41E-07	0.641	2.07E-03
6006474130065	600647	4130065	6.30E-07	0.630	2.03E-03
6006574130065	600657	4130065	6.25E-07	0.625	2.02E-03
6006674130065	600667	4130065	6.26E-07	0.626	2.02E-03
6006774130065	600677	4130065	6.36E-07	0.636	2.05E-03
6006874130065	600687	4130065	6.55E-07	0.655	2.12E-03
6006974130065	600697	4130065	6.87E-07	0.687	2.22E-03
6007074130065	600707	4130065	7.39E-07	0.739	2.39E-03
6007174130065	600717	4130065	8.17E-07	0.817	2.64E-03
6007274130065	600727	4130065	8.41E-07	0.841	2.72E-03
6007374130065	600737	4130065	6.40E-07	0.640	2.07E-03
6007474130065	600747	4130065	7.64E-07	0.764	2.47E-03
6007574130065	600757	4130065	7.15E-07	0.715	2.31E-03
6007674130065	600767	4130065	5.80E-07	0.580	1.87E-03
6007774130065	600777	4130065	4.98E-07	0.498	1.61E-03
6007874130065	600787	4130065	4.42E-07	0.442	1.43E-03
6007974130065	600797	4130065	4.00E-07	0.400	1.29E-03
6008074130065	600807	4130065	3.66E-07	0.366	1.18E-03
6008174130065	600817	4130065	3.38E-07	0.338	1.09E-03
6008274130065	600827	4130065	3.15E-07	0.315	1.02E-03
6008374130065	600837	4130065	2.95E-07	0.295	9.53E-04
6008474130065	600847	4130065	2.77E-07	0.277	8.96E-04
6008574130065	600857	4130065	2.62E-07	0.262	8.46E-04
6008674130065	600867	4130065	2.48E-07	0.248	8.01E-04
6008774130065	600877	4130065	2.35E-07	0.235	7.60E-04
6008874130065	600887	4130065	2.24E-07	0.224	7.23E-04
6008974130065	600897	4130065	2.13E-07	0.213	6.89E-04
6009074130065	600907	4130065	2.04E-07	0.204	6.58E-04
6001774130075	600177	4130075	5.68E-07	0.568	1.83E-03
6001874130075	600187	4130075	5.59E-07	0.559	1.81E-03
6001974130075	600197	4130075	7.00E-07	0.700	2.26E-03
6002074130075	600207	4130075	6.86E-07	0.686	2.22E-03
6002174130075	600217	4130075	6.05E-07	0.605	1.95E-03
6002274130075	600227	4130075	5.66E-07	0.566	1.83E-03
6002374130075	600237	4130075	5.56E-07	0.556	1.80E-03
6002474130075	600247	4130075	5.68E-07	0.568	1.84E-03
6002574130075	600257	4130075	5.99E-07	0.599	1.94E-03

6002674130075	600267	4130075	6.50E-07	0.650	2.10E-03
6002774130075	600277	4130075	7.27E-07	0.727	2.35E-03
6002874130075	600287	4130075	8.42E-07	0.842	2.72E-03
6002974130075	600297	4130075	7.39E-07	0.739	2.39E-03
6003074130075	600307	4130075	6.92E-07	0.692	2.24E-03
6003174130075	600317	4130075	7.91E-07	0.791	2.55E-03
6003274130075	600327	4130075	9.70E-07	0.970	3.14E-03
6003374130075	600337	4130075	9.25E-07	0.925	2.99E-03
6003474130075	600347	4130075	9.15E-07	0.915	2.96E-03
6003574130075	600357	4130075	9.30E-07	0.930	3.01E-03
6003674130075	600367	4130075	9.64E-07	0.964	3.11E-03
6003774130075	600377	4130075	1.01E-06	1.015	3.28E-03
6003874130075	600387	4130075	1.08E-06	1.083	3.50E-03
6003974130075	600397	4130075	1.17E-06	1.166	3.77E-03
6004074130075	600407	4130075	1.26E-06	1.263	4.08E-03
6004174130075	600417	4130075	1.38E-06	1.378	4.45E-03
6004274130075	600427	4130075	1.50E-06	1.503	4.86E-03
6004374130075	600437	4130075	1.63E-06	1.635	5.28E-03
6004474130075	600447	4130075	1.76E-06	1.759	5.69E-03
6004574130075	600457	4130075	1.86E-06	1.861	6.01E-03
6004674130075	600467	4130075	1.92E-06	1.920	6.20E-03
6004774130075	600477	4130075	1.92E-06	1.920	6.20E-03
6004874130075	600487	4130075	1.86E-06	1.858	6.01E-03
6004974130075	600497	4130075	1.76E-06	1.757	5.68E-03
6005074130075	600507	4130075	1.63E-06	1.630	5.27E-03
6005174130075	600517	4130075	1.48E-06	1.480	4.78E-03
6005274130075	600527	4130075	1.32E-06	1.316	4.25E-03
6005374130075	600537	4130075	1.15E-06	1.153	3.73E-03
6005474130075	600547	4130075	1.02E-06	1.016	3.28E-03
6005574130075	600557	4130075	9.09E-07	0.909	2.94E-03
6005674130075	600567	4130075	8.26E-07	0.826	2.67E-03
6005774130075	600577	4130075	7.61E-07	0.761	2.46E-03
6005874130075	600587	4130075	7.10E-07	0.710	2.29E-03
6005974130075	600597	4130075	6.70E-07	0.670	2.16E-03
6006074130075	600607	4130075	6.38E-07	0.638	2.06E-03
6006174130075	600617	4130075	6.11E-07	0.611	1.98E-03
6006274130075	600627	4130075	5.92E-07	0.592	1.91E-03
6006374130075	600637	4130075	5.79E-07	0.579	1.87E-03
6006474130075	600647	4130075	5.72E-07	0.572	1.85E-03
6006574130075	600657	4130075	5.72E-07	0.572	1.85E-03
6006674130075	600667	4130075	5.77E-07	0.577	1.86E-03
6006774130075	600677	4130075	5.90E-07	0.590	1.91E-03
6006874130075	600687	4130075	6.13E-07	0.613	1.98E-03
6006974130075	600697	4130075	6.50E-07	0.650	2.10E-03
6007074130075	600707	4130075	7.07E-07	0.707	2.28E-03
6007174130075	600717	4130075	8.06E-07	0.806	2.60E-03
6007274130075	600727	4130075	7.33E-07	0.733	2.37E-03
6007374130075	600737	4130075	6.36E-07	0.636	2.05E-03
6007474130075	600747	4130075	7.59E-07	0.759	2.45E-03
6007574130075	600757	4130075	6.56E-07	0.656	2.12E-03
6007674130075	600767	4130075	5.42E-07	0.542	1.75E-03
6007774130075	600777	4130075	4.69E-07	0.469	1.52E-03
6007874130075	600787	4130075	4.18E-07	0.418	1.35E-03
6007974130075	600797	4130075	3.78E-07	0.378	1.22E-03
6008074130075	600807	4130075	3.47E-07	0.347	1.12E-03

6008174130075	600817	4130075	3.21E-07	0.321	1.04E-03
6008274130075	600827	4130075	2.99E-07	0.299	9.67E-04
6008374130075	600837	4130075	2.80E-07	0.280	9.06E-04
6008474130075	600847	4130075	2.64E-07	0.264	8.53E-04
6008574130075	600857	4130075	2.49E-07	0.249	8.06E-04
6008674130075	600867	4130075	2.36E-07	0.236	7.63E-04
6008774130075	600877	4130075	2.24E-07	0.224	7.25E-04
6008874130075	600887	4130075	2.14E-07	0.214	6.90E-04
6008974130075	600897	4130075	2.04E-07	0.204	6.58E-04
6001774130085	600177	4130085	4.17E-07	0.417	1.35E-03
6001874130085	600187	4130085	5.44E-07	0.544	1.76E-03
6001974130085	600197	4130085	6.69E-07	0.669	2.16E-03
6002074130085	600207	4130085	5.79E-07	0.579	1.87E-03
6002174130085	600217	4130085	5.33E-07	0.533	1.72E-03
6002274130085	600227	4130085	5.13E-07	0.513	1.66E-03
6002374130085	600237	4130085	5.13E-07	0.513	1.66E-03
6002474130085	600247	4130085	5.27E-07	0.527	1.70E-03
6002574130085	600257	4130085	5.55E-07	0.555	1.79E-03
6002674130085	600267	4130085	5.98E-07	0.598	1.93E-03
6002774130085	600277	4130085	6.56E-07	0.656	2.12E-03
6002874130085	600287	4130085	7.36E-07	0.736	2.38E-03
6002974130085	600297	4130085	8.51E-07	0.851	2.75E-03
6003074130085	600307	4130085	7.54E-07	0.754	2.44E-03
6003174130085	600317	4130085	8.09E-07	0.809	2.61E-03
6003274130085	600327	4130085	8.68E-07	0.868	2.81E-03
6003374130085	600337	4130085	1.04E-06	1.038	3.35E-03
6003474130085	600347	4130085	9.90E-07	0.990	3.20E-03
6003574130085	600357	4130085	9.81E-07	0.981	3.17E-03
6003674130085	600367	4130085	9.96E-07	0.996	3.22E-03
6003774130085	600377	4130085	1.03E-06	1.031	3.33E-03
6003874130085	600387	4130085	1.08E-06	1.081	3.49E-03
6003974130085	600397	4130085	1.15E-06	1.145	3.70E-03
6004074130085	600407	4130085	1.22E-06	1.222	3.95E-03
6004174130085	600417	4130085	1.31E-06	1.306	4.22E-03
6004274130085	600427	4130085	1.40E-06	1.396	4.51E-03
6004374130085	600437	4130085	1.48E-06	1.482	4.79E-03
6004474130085	600447	4130085	1.56E-06	1.556	5.03E-03
6004574130085	600457	4130085	1.61E-06	1.609	5.20E-03
6004674130085	600467	4130085	1.63E-06	1.627	5.26E-03
6004774130085	600477	4130085	1.60E-06	1.605	5.19E-03
6004874130085	600487	4130085	1.55E-06	1.549	5.01E-03
6004974130085	600497	4130085	1.47E-06	1.471	4.75E-03
6005074130085	600507	4130085	1.37E-06	1.373	4.44E-03
6005174130085	600517	4130085	1.26E-06	1.258	4.06E-03
6005274130085	600527	4130085	1.13E-06	1.130	3.65E-03
6005374130085	600537	4130085	1.00E-06	1.005	3.25E-03
6005474130085	600547	4130085	8.96E-07	0.896	2.89E-03
6005574130085	600557	4130085	8.07E-07	0.807	2.61E-03
6005674130085	600567	4130085	7.37E-07	0.737	2.38E-03
6005774130085	600577	4130085	6.83E-07	0.683	2.21E-03
6005874130085	600587	4130085	6.39E-07	0.639	2.06E-03
6005974130085	600597	4130085	6.06E-07	0.606	1.96E-03
6006074130085	600607	4130085	5.80E-07	0.580	1.87E-03
6006174130085	600617	4130085	5.59E-07	0.559	1.81E-03
6006274130085	600627	4130085	5.45E-07	0.545	1.76E-03

6006374130085	600637	4130085	5.36E-07	0.536	1.73E-03
6006474130085	600647	4130085	5.33E-07	0.533	1.72E-03
6006574130085	600657	4130085	5.36E-07	0.536	1.73E-03
6006674130085	600667	4130085	5.46E-07	0.546	1.76E-03
6006774130085	600677	4130085	5.65E-07	0.565	1.83E-03
6006874130085	600687	4130085	5.98E-07	0.598	1.93E-03
6006974130085	600697	4130085	6.49E-07	0.649	2.10E-03
6007074130085	600707	4130085	7.40E-07	0.740	2.39E-03
6007174130085	600717	4130085	6.97E-07	0.697	2.25E-03
6007274130085	600727	4130085	7.25E-07	0.725	2.34E-03
6007374130085	600737	4130085	7.95E-07	0.795	2.57E-03
6007474130085	600747	4130085	7.17E-07	0.717	2.32E-03
6007574130085	600757	4130085	5.83E-07	0.583	1.88E-03
6007674130085	600767	4130085	4.96E-07	0.496	1.60E-03
6007774130085	600777	4130085	4.36E-07	0.436	1.41E-03
6007874130085	600787	4130085	3.91E-07	0.391	1.26E-03
6007974130085	600797	4130085	3.56E-07	0.356	1.15E-03
6008074130085	600807	4130085	3.27E-07	0.327	1.06E-03
6008174130085	600817	4130085	3.04E-07	0.304	9.82E-04
6008274130085	600827	4130085	2.84E-07	0.284	9.16E-04
6008374130085	600837	4130085	2.66E-07	0.266	8.60E-04
6008474130085	600847	4130085	2.51E-07	0.251	8.11E-04
6008574130085	600857	4130085	2.37E-07	0.237	7.67E-04
6008674130085	600867	4130085	2.25E-07	0.225	7.27E-04
6008774130085	600877	4130085	2.14E-07	0.214	6.91E-04
6008874130085	600887	4130085	2.04E-07	0.204	6.58E-04
6008974130085	600897	4130085	1.95E-07	0.195	6.29E-04
6001874130095	600187	4130095	6.34E-07	0.634	2.05E-03
6001974130095	600197	4130095	5.43E-07	0.543	1.76E-03
6002074130095	600207	4130095	4.99E-07	0.499	1.61E-03
6002174130095	600217	4130095	4.77E-07	0.477	1.54E-03
6002274130095	600227	4130095	4.72E-07	0.472	1.52E-03
6002374130095	600237	4130095	4.79E-07	0.479	1.55E-03
6002474130095	600247	4130095	4.96E-07	0.496	1.60E-03
6002574130095	600257	4130095	5.23E-07	0.523	1.69E-03
6002674130095	600267	4130095	5.59E-07	0.559	1.81E-03
6002774130095	600277	4130095	6.06E-07	0.606	1.96E-03
6002874130095	600287	4130095	6.68E-07	0.668	2.16E-03
6002974130095	600297	4130095	7.49E-07	0.749	2.42E-03
6003074130095	600307	4130095	8.61E-07	0.861	2.78E-03
6003174130095	600317	4130095	8.83E-07	0.883	2.85E-03
6003274130095	600327	4130095	8.46E-07	0.846	2.73E-03
6003374130095	600337	4130095	8.79E-07	0.879	2.84E-03
6003474130095	600347	4130095	1.10E-06	1.102	3.56E-03
6003574130095	600357	4130095	1.05E-06	1.049	3.39E-03
6003674130095	600367	4130095	1.04E-06	1.036	3.35E-03
6003774130095	600377	4130095	1.05E-06	1.047	3.38E-03
6003874130095	600387	4130095	1.08E-06	1.077	3.48E-03
6003974130095	600397	4130095	1.12E-06	1.121	3.62E-03
6004074130095	600407	4130095	1.18E-06	1.176	3.80E-03
6004174130095	600417	4130095	1.23E-06	1.233	3.98E-03
6004274130095	600427	4130095	1.29E-06	1.291	4.17E-03
6004374130095	600437	4130095	1.34E-06	1.343	4.34E-03
6004474130095	600447	4130095	1.38E-06	1.384	4.47E-03
6004574130095	600457	4130095	1.40E-06	1.404	4.54E-03

6004674130095	600467	4130095	1.40E-06	1.399	4.52E-03
6004774130095	600477	4130095	1.37E-06	1.369	4.42E-03
6004874130095	600487	4130095	1.32E-06	1.319	4.26E-03
6004974130095	600497	4130095	1.25E-06	1.255	4.05E-03
6005074130095	600507	4130095	1.18E-06	1.178	3.81E-03
6005174130095	600517	4130095	1.09E-06	1.087	3.51E-03
6005274130095	600527	4130095	9.88E-07	0.988	3.19E-03
6005374130095	600537	4130095	8.90E-07	0.890	2.88E-03
6005474130095	600547	4130095	8.03E-07	0.803	2.59E-03
6005574130095	600557	4130095	7.28E-07	0.728	2.35E-03
6005674130095	600567	4130095	6.69E-07	0.669	2.16E-03
6005774130095	600577	4130095	6.23E-07	0.623	2.01E-03
6005874130095	600587	4130095	5.86E-07	0.586	1.89E-03
6005974130095	600597	4130095	5.58E-07	0.558	1.80E-03
6006074130095	600607	4130095	5.36E-07	0.536	1.73E-03
6006174130095	600617	4130095	5.21E-07	0.521	1.68E-03
6006274130095	600627	4130095	5.10E-07	0.510	1.65E-03
6006374130095	600637	4130095	5.06E-07	0.506	1.63E-03
6006474130095	600647	4130095	5.07E-07	0.507	1.64E-03
6006574130095	600657	4130095	5.15E-07	0.515	1.67E-03
6006674130095	600667	4130095	5.33E-07	0.533	1.72E-03
6006774130095	600677	4130095	5.62E-07	0.562	1.82E-03
6006874130095	600687	4130095	6.11E-07	0.611	1.97E-03
6006974130095	600697	4130095	6.96E-07	0.696	2.25E-03
6007074130095	600707	4130095	6.50E-07	0.650	2.10E-03
6007174130095	600717	4130095	6.10E-07	0.610	1.97E-03
6007274130095	600727	4130095	8.26E-07	0.826	2.67E-03
6007374130095	600737	4130095	7.49E-07	0.749	2.42E-03
6007474130095	600747	4130095	6.13E-07	0.613	1.98E-03
6007574130095	600757	4130095	5.19E-07	0.519	1.68E-03
6007674130095	600767	4130095	4.52E-07	0.452	1.46E-03
6007774130095	600777	4130095	4.03E-07	0.403	1.30E-03
6007874130095	600787	4130095	3.65E-07	0.365	1.18E-03
6007974130095	600797	4130095	3.34E-07	0.334	1.08E-03
6008074130095	600807	4130095	3.08E-07	0.308	9.97E-04
6008174130095	600817	4130095	2.87E-07	0.287	9.27E-04
6008274130095	600827	4130095	2.69E-07	0.269	8.68E-04
6008374130095	600837	4130095	2.53E-07	0.253	8.16E-04
6008474130095	600847	4130095	2.38E-07	0.238	7.70E-04
6008574130095	600857	4130095	2.26E-07	0.226	7.29E-04
6008674130095	600867	4130095	2.14E-07	0.214	6.93E-04
6008774130095	600877	4130095	2.04E-07	0.204	6.59E-04
6008874130095	600887	4130095	1.94E-07	0.194	6.28E-04
6008974130095	600897	4130095	1.86E-07	0.186	6.00E-04
6001874130105	600187	4130105	4.88E-07	0.488	1.58E-03
6001974130105	600197	4130105	4.56E-07	0.456	1.47E-03
6002074130105	600207	4130105	4.39E-07	0.439	1.42E-03
6002174130105	600217	4130105	4.35E-07	0.435	1.40E-03
6002274130105	600227	4130105	4.39E-07	0.439	1.42E-03
6002374130105	600237	4130105	4.51E-07	0.451	1.46E-03
6002474130105	600247	4130105	4.70E-07	0.470	1.52E-03
6002574130105	600257	4130105	4.97E-07	0.497	1.61E-03
6002674130105	600267	4130105	5.29E-07	0.529	1.71E-03
6002774130105	600277	4130105	5.69E-07	0.569	1.84E-03
6002874130105	600287	4130105	6.20E-07	0.620	2.00E-03

6002974130105	600297	4130105	6.83E-07	0.683	2.21E-03
6003074130105	600307	4130105	7.65E-07	0.765	2.47E-03
6003174130105	600317	4130105	8.75E-07	0.875	2.83E-03
6003274130105	600327	4130105	8.09E-07	0.809	2.61E-03
6003374130105	600337	4130105	8.80E-07	0.880	2.84E-03
6003474130105	600347	4130105	9.58E-07	0.958	3.10E-03
6003574130105	600357	4130105	1.16E-06	1.159	3.75E-03
6003674130105	600367	4130105	1.09E-06	1.093	3.53E-03
6003774130105	600377	4130105	1.07E-06	1.075	3.47E-03
6003874130105	600387	4130105	1.08E-06	1.079	3.49E-03
6003974130105	600397	4130105	1.10E-06	1.102	3.56E-03
6004074130105	600407	4130105	1.13E-06	1.131	3.65E-03
6004174130105	600417	4130105	1.16E-06	1.164	3.76E-03
6004274130105	600427	4130105	1.20E-06	1.196	3.87E-03
6004374130105	600437	4130105	1.22E-06	1.224	3.95E-03
6004474130105	600447	4130105	1.24E-06	1.240	4.01E-03
6004574130105	600457	4130105	1.24E-06	1.240	4.01E-03
6004674130105	600467	4130105	1.22E-06	1.222	3.95E-03
6004774130105	600477	4130105	1.19E-06	1.189	3.84E-03
6004874130105	600487	4130105	1.14E-06	1.145	3.70E-03
6004974130105	600497	4130105	1.09E-06	1.091	3.53E-03
6005074130105	600507	4130105	1.03E-06	1.027	3.32E-03
6005174130105	600517	4130105	9.55E-07	0.955	3.09E-03
6005274130105	600527	4130105	8.78E-07	0.878	2.84E-03
6005374130105	600537	4130105	8.01E-07	0.801	2.59E-03
6005474130105	600547	4130105	7.29E-07	0.729	2.36E-03
6005574130105	600557	4130105	6.67E-07	0.667	2.16E-03
6005674130105	600567	4130105	6.16E-07	0.616	1.99E-03
6005774130105	600577	4130105	5.76E-07	0.576	1.86E-03
6005874130105	600587	4130105	5.45E-07	0.545	1.76E-03
6005974130105	600597	4130105	5.21E-07	0.521	1.68E-03
6006074130105	600607	4130105	5.04E-07	0.504	1.63E-03
6006174130105	600617	4130105	4.92E-07	0.492	1.59E-03
6006274130105	600627	4130105	4.86E-07	0.486	1.57E-03
6006374130105	600637	4130105	4.86E-07	0.486	1.57E-03
6006474130105	600647	4130105	4.93E-07	0.493	1.59E-03
6006574130105	600657	4130105	5.09E-07	0.509	1.64E-03
6006674130105	600667	4130105	5.36E-07	0.536	1.73E-03
6006774130105	600677	4130105	5.82E-07	0.582	1.88E-03
6006874130105	600687	4130105	6.63E-07	0.663	2.14E-03
6006974130105	600697	4130105	7.11E-07	0.711	2.30E-03
6007074130105	600707	4130105	6.87E-07	0.687	2.22E-03
6007174130105	600717	4130105	6.98E-07	0.698	2.26E-03
6007274130105	600727	4130105	7.66E-07	0.766	2.48E-03
6007374130105	600737	4130105	6.29E-07	0.629	2.03E-03
6007474130105	600747	4130105	5.36E-07	0.536	1.73E-03
6007574130105	600757	4130105	4.66E-07	0.466	1.51E-03
6007674130105	600767	4130105	4.14E-07	0.414	1.34E-03
6007774130105	600777	4130105	3.73E-07	0.373	1.20E-03
6007874130105	600787	4130105	3.40E-07	0.340	1.10E-03
6007974130105	600797	4130105	3.13E-07	0.313	1.01E-03
6008074130105	600807	4130105	2.91E-07	0.291	9.39E-04
6008174130105	600817	4130105	2.71E-07	0.271	8.76E-04
6008274130105	600827	4130105	2.54E-07	0.254	8.22E-04
6008374130105	600837	4130105	2.40E-07	0.240	7.74E-04

6008474130105	600847	4130105	2.27E-07	0.227	7.32E-04
6008574130105	600857	4130105	2.15E-07	0.215	6.94E-04
6008674130105	600867	4130105	2.04E-07	0.204	6.60E-04
6008774130105	600877	4130105	1.94E-07	0.194	6.29E-04
6008874130105	600887	4130105	1.86E-07	0.186	6.00E-04
6001874130115	600187	4130115	4.06E-07	0.406	1.31E-03
6001974130115	600197	4130115	3.99E-07	0.399	1.29E-03
6002074130115	600207	4130115	3.99E-07	0.399	1.29E-03
6002174130115	600217	4130115	4.04E-07	0.404	1.31E-03
6002274130115	600227	4130115	4.14E-07	0.414	1.34E-03
6002374130115	600237	4130115	4.29E-07	0.429	1.39E-03
6002474130115	600247	4130115	4.49E-07	0.449	1.45E-03
6002574130115	600257	4130115	4.74E-07	0.474	1.53E-03
6002674130115	600267	4130115	5.04E-07	0.504	1.63E-03
6002774130115	600277	4130115	5.40E-07	0.540	1.74E-03
6002874130115	600287	4130115	5.83E-07	0.583	1.88E-03
6002974130115	600297	4130115	6.35E-07	0.635	2.05E-03
6003074130115	600307	4130115	7.00E-07	0.700	2.26E-03
6003174130115	600317	4130115	7.81E-07	0.781	2.52E-03
6003274130115	600327	4130115	8.86E-07	0.886	2.86E-03
6003374130115	600337	4130115	9.17E-07	0.917	2.96E-03
6003474130115	600347	4130115	8.97E-07	0.897	2.90E-03
6003574130115	600357	4130115	9.42E-07	0.942	3.04E-03
6003674130115	600367	4130115	1.06E-06	1.065	3.44E-03
6003774130115	600377	4130115	1.13E-06	1.128	3.64E-03
6003874130115	600387	4130115	1.10E-06	1.099	3.55E-03
6003974130115	600397	4130115	1.09E-06	1.090	3.52E-03
6004074130115	600407	4130115	1.09E-06	1.095	3.54E-03
6004174130115	600417	4130115	1.11E-06	1.105	3.57E-03
6004274130115	600427	4130115	1.12E-06	1.116	3.61E-03
6004374130115	600437	4130115	1.12E-06	1.124	3.63E-03
6004474130115	600447	4130115	1.12E-06	1.122	3.63E-03
6004574130115	600457	4130115	1.11E-06	1.109	3.58E-03
6004674130115	600467	4130115	1.09E-06	1.085	3.51E-03
6004774130115	600477	4130115	1.05E-06	1.052	3.40E-03
6004874130115	600487	4130115	1.01E-06	1.011	3.27E-03
6004974130115	600497	4130115	9.64E-07	0.964	3.12E-03
6005074130115	600507	4130115	9.11E-07	0.911	2.94E-03
6005174130115	600517	4130115	8.53E-07	0.853	2.76E-03
6005274130115	600527	4130115	7.91E-07	0.791	2.56E-03
6005374130115	600537	4130115	7.29E-07	0.729	2.36E-03
6005474130115	600547	4130115	6.71E-07	0.671	2.17E-03
6005574130115	600557	4130115	6.19E-07	0.619	2.00E-03
6005674130115	600567	4130115	5.75E-07	0.575	1.86E-03
6005774130115	600577	4130115	5.41E-07	0.541	1.75E-03
6005874130115	600587	4130115	5.14E-07	0.514	1.66E-03
6005974130115	600597	4130115	4.93E-07	0.493	1.59E-03
6006074130115	600607	4130115	4.80E-07	0.480	1.55E-03
6006174130115	600617	4130115	4.73E-07	0.473	1.53E-03
6006274130115	600627	4130115	4.71E-07	0.471	1.52E-03
6006374130115	600637	4130115	4.77E-07	0.477	1.54E-03
6006474130115	600647	4130115	4.91E-07	0.491	1.59E-03
6006574130115	600657	4130115	5.16E-07	0.516	1.67E-03
6006674130115	600667	4130115	5.59E-07	0.559	1.81E-03
6006774130115	600677	4130115	6.34E-07	0.634	2.05E-03



6006874130115	600687	4130115	6.02E-07	0.602	1.94E-03
6006974130115	600697	4130115	6.80E-07	0.680	2.20E-03
6007074130115	600707	4130115	6.81E-07	0.681	2.20E-03
6007174130115	600717	4130115	7.81E-07	0.781	2.52E-03
6007274130115	600727	4130115	6.39E-07	0.639	2.07E-03
6007374130115	600737	4130115	5.46E-07	0.546	1.76E-03
6007474130115	600747	4130115	4.77E-07	0.477	1.54E-03
6007574130115	600757	4130115	4.23E-07	0.423	1.37E-03
6007674130115	600767	4130115	3.80E-07	0.380	1.23E-03
6007774130115	600777	4130115	3.46E-07	0.346	1.12E-03
6007874130115	600787	4130115	3.17E-07	0.317	1.03E-03
6007974130115	600797	4130115	2.94E-07	0.294	9.50E-04
6008074130115	600807	4130115	2.74E-07	0.274	8.85E-04
6008174130115	600817	4130115	2.56E-07	0.256	8.29E-04
6008274130115	600827	4130115	2.41E-07	0.241	7.79E-04
6008374130115	600837	4130115	2.27E-07	0.227	7.35E-04
6008474130115	600847	4130115	2.15E-07	0.215	6.96E-04
6008574130115	600857	4130115	2.05E-07	0.205	6.61E-04
6008674130115	600867	4130115	1.95E-07	0.195	6.29E-04
6008774130115	600877	4130115	1.86E-07	0.186	6.00E-04
6008874130115	600887	4130115	1.77E-07	0.177	5.73E-04
6001974130125	600197	4130125	3.65E-07	0.365	1.18E-03
6002074130125	600207	4130125	3.72E-07	0.372	1.20E-03
6002174130125	600217	4130125	3.82E-07	0.382	1.24E-03
6002274130125	600227	4130125	3.96E-07	0.396	1.28E-03
6002374130125	600237	4130125	4.12E-07	0.412	1.33E-03
6002474130125	600247	4130125	4.32E-07	0.432	1.40E-03
6002574130125	600257	4130125	4.56E-07	0.456	1.47E-03
6002674130125	600267	4130125	4.83E-07	0.483	1.56E-03
6002774130125	600277	4130125	5.16E-07	0.516	1.67E-03
6002874130125	600287	4130125	5.54E-07	0.554	1.79E-03
6002974130125	600297	4130125	5.99E-07	0.599	1.93E-03
6003074130125	600307	4130125	6.51E-07	0.651	2.10E-03
6003174130125	600317	4130125	7.13E-07	0.713	2.30E-03
6003274130125	600327	4130125	7.89E-07	0.789	2.55E-03
6003374130125	600337	4130125	8.90E-07	0.890	2.88E-03
6003474130125	600347	4130125	1.03E-06	1.031	3.33E-03
6003574130125	600357	4130125	9.20E-07	0.920	2.97E-03
6003674130125	600367	4130125	8.77E-07	0.877	2.84E-03
6003774130125	600377	4130125	1.11E-06	1.108	3.58E-03
6003874130125	600387	4130125	1.15E-06	1.147	3.71E-03
6003974130125	600397	4130125	1.10E-06	1.099	3.55E-03
6004074130125	600407	4130125	1.07E-06	1.074	3.47E-03
6004174130125	600417	4130125	1.06E-06	1.061	3.43E-03
6004274130125	600427	4130125	1.05E-06	1.053	3.40E-03
6004374130125	600437	4130125	1.04E-06	1.044	3.37E-03
6004474130125	600447	4130125	1.03E-06	1.029	3.33E-03
6004574130125	600457	4130125	1.01E-06	1.007	3.26E-03
6004674130125	600467	4130125	9.79E-07	0.979	3.16E-03
6004774130125	600477	4130125	9.46E-07	0.946	3.06E-03
6004874130125	600487	4130125	9.08E-07	0.908	2.93E-03
6004974130125	600497	4130125	8.66E-07	0.866	2.80E-03
6005074130125	600507	4130125	8.21E-07	0.821	2.65E-03
6005174130125	600517	4130125	7.73E-07	0.773	2.50E-03
6005274130125	600527	4130125	7.22E-07	0.722	2.33E-03

6005374130125	600537	4130125	6.72E-07	0.672	2.17E-03
6005474130125	600547	4130125	6.24E-07	0.624	2.02E-03
6005574130125	600557	4130125	5.80E-07	0.580	1.88E-03
6005674130125	600567	4130125	5.43E-07	0.543	1.76E-03
6005774130125	600577	4130125	5.13E-07	0.513	1.66E-03
6005874130125	600587	4130125	4.90E-07	0.490	1.58E-03
6005974130125	600597	4130125	4.73E-07	0.473	1.53E-03
6006074130125	600607	4130125	4.63E-07	0.463	1.50E-03
6006174130125	600617	4130125	4.61E-07	0.461	1.49E-03
6006274130125	600627	4130125	4.65E-07	0.465	1.50E-03
6006374130125	600637	4130125	4.77E-07	0.477	1.54E-03
6006474130125	600647	4130125	5.00E-07	0.500	1.62E-03
6006574130125	600657	4130125	5.41E-07	0.541	1.75E-03
6006674130125	600667	4130125	6.11E-07	0.611	1.97E-03
6006774130125	600677	4130125	6.58E-07	0.658	2.13E-03
6006874130125	600687	4130125	6.55E-07	0.655	2.12E-03
6006974130125	600697	4130125	6.81E-07	0.681	2.20E-03
6007074130125	600707	4130125	7.96E-07	0.796	2.57E-03
6007174130125	600717	4130125	6.48E-07	0.648	2.09E-03
6007274130125	600727	4130125	5.52E-07	0.552	1.78E-03
6007374130125	600737	4130125	4.83E-07	0.483	1.56E-03
6007474130125	600747	4130125	4.29E-07	0.429	1.39E-03
6007574130125	600757	4130125	3.86E-07	0.386	1.25E-03
6007674130125	600767	4130125	3.50E-07	0.350	1.13E-03
6007774130125	600777	4130125	3.22E-07	0.322	1.04E-03
6007874130125	600787	4130125	2.97E-07	0.297	9.59E-04
6007974130125	600797	4130125	2.76E-07	0.276	8.91E-04
6008074130125	600807	4130125	2.58E-07	0.258	8.34E-04
6008174130125	600817	4130125	2.43E-07	0.243	7.84E-04
6008274130125	600827	4130125	2.29E-07	0.229	7.39E-04
6008374130125	600837	4130125	2.16E-07	0.216	6.98E-04
6008474130125	600847	4130125	2.05E-07	0.205	6.62E-04
6008574130125	600857	4130125	1.95E-07	0.195	6.29E-04
6008674130125	600867	4130125	1.86E-07	0.186	6.00E-04
6008774130125	600877	4130125	1.77E-07	0.177	5.73E-04
6001974130135	600197	4130135	3.42E-07	0.342	1.11E-03
6002074130135	600207	4130135	3.53E-07	0.353	1.14E-03
6002174130135	600217	4130135	3.66E-07	0.366	1.18E-03
6002274130135	600227	4130135	3.80E-07	0.380	1.23E-03
6002374130135	600237	4130135	3.97E-07	0.397	1.28E-03
6002474130135	600247	4130135	4.17E-07	0.417	1.35E-03
6002574130135	600257	4130135	4.39E-07	0.439	1.42E-03
6002674130135	600267	4130135	4.65E-07	0.465	1.50E-03
6002774130135	600277	4130135	4.95E-07	0.495	1.60E-03
6002874130135	600287	4130135	5.29E-07	0.529	1.71E-03
6002974130135	600297	4130135	5.67E-07	0.567	1.83E-03
6003074130135	600307	4130135	6.10E-07	0.610	1.97E-03
6003174130135	600317	4130135	6.60E-07	0.660	2.13E-03
6003274130135	600327	4130135	7.21E-07	0.721	2.33E-03
6003374130135	600337	4130135	7.95E-07	0.795	2.57E-03
6003474130135	600347	4130135	8.90E-07	0.890	2.88E-03
6003574130135	600357	4130135	1.02E-06	1.020	3.30E-03
6003674130135	600367	4130135	9.08E-07	0.908	2.93E-03
6003774130135	600377	4130135	9.55E-07	0.955	3.09E-03
6003874130135	600387	4130135	1.09E-06	1.087	3.51E-03

6003974130135	600397	4130135	1.15E-06	1.147	3.71E-03
6004074130135	600407	4130135	1.08E-06	1.079	3.49E-03
6004174130135	600417	4130135	1.04E-06	1.039	3.36E-03
6004274130135	600427	4130135	1.01E-06	1.011	3.27E-03
6004374130135	600437	4130135	9.85E-07	0.985	3.18E-03
6004474130135	600447	4130135	9.58E-07	0.958	3.10E-03
6004574130135	600457	4130135	9.29E-07	0.929	3.00E-03
6004674130135	600467	4130135	8.98E-07	0.898	2.90E-03
6004774130135	600477	4130135	8.64E-07	0.864	2.79E-03
6004874130135	600487	4130135	8.28E-07	0.828	2.68E-03
6004974130135	600497	4130135	7.90E-07	0.790	2.55E-03
6005074130135	600507	4130135	7.51E-07	0.751	2.43E-03
6005174130135	600517	4130135	7.11E-07	0.711	2.30E-03
6005274130135	600527	4130135	6.68E-07	0.668	2.16E-03
6005374130135	600537	4130135	6.27E-07	0.627	2.03E-03
6005474130135	600547	4130135	5.87E-07	0.587	1.90E-03
6005574130135	600557	4130135	5.50E-07	0.550	1.78E-03
6005674130135	600567	4130135	5.19E-07	0.519	1.68E-03
6005774130135	600577	4130135	4.93E-07	0.493	1.59E-03
6005874130135	600587	4130135	4.73E-07	0.473	1.53E-03
6005974130135	600597	4130135	4.60E-07	0.460	1.49E-03
6006074130135	600607	4130135	4.55E-07	0.455	1.47E-03
6006174130135	600617	4130135	4.57E-07	0.457	1.48E-03
6006274130135	600627	4130135	4.67E-07	0.467	1.51E-03
6006374130135	600637	4130135	4.89E-07	0.489	1.58E-03
6006474130135	600647	4130135	5.26E-07	0.526	1.70E-03
6006574130135	600657	4130135	5.91E-07	0.591	1.91E-03
6006674130135	600667	4130135	7.15E-07	0.715	2.31E-03
6006774130135	600677	4130135	6.38E-07	0.638	2.06E-03
6006874130135	600687	4130135	6.77E-07	0.677	2.19E-03
6006974130135	600697	4130135	8.13E-07	0.813	2.63E-03
6007074130135	600707	4130135	6.56E-07	0.656	2.12E-03
6007174130135	600717	4130135	5.57E-07	0.557	1.80E-03
6007274130135	600727	4130135	4.87E-07	0.487	1.57E-03
6007374130135	600737	4130135	4.34E-07	0.434	1.40E-03
6007474130135	600747	4130135	3.90E-07	0.390	1.26E-03
6007574130135	600757	4130135	3.54E-07	0.354	1.14E-03
6007674130135	600767	4130135	3.25E-07	0.325	1.05E-03
6007774130135	600777	4130135	3.00E-07	0.300	9.69E-04
6007874130135	600787	4130135	2.78E-07	0.278	8.98E-04
6007974130135	600797	4130135	2.59E-07	0.259	8.38E-04
6008074130135	600807	4130135	2.43E-07	0.243	7.86E-04
6008174130135	600817	4130135	2.29E-07	0.229	7.41E-04
6008274130135	600827	4130135	2.17E-07	0.217	7.00E-04
6008374130135	600837	4130135	2.05E-07	0.205	6.63E-04
6008474130135	600847	4130135	1.95E-07	0.195	6.30E-04
6008574130135	600857	4130135	1.86E-07	0.186	6.00E-04
6008674130135	600867	4130135	1.77E-07	0.177	5.72E-04
6008774130135	600877	4130135	1.69E-07	0.169	5.47E-04
6002074130145	600207	4130145	3.39E-07	0.339	1.10E-03
6002174130145	600217	4130145	3.53E-07	0.353	1.14E-03
6002274130145	600227	4130145	3.68E-07	0.368	1.19E-03
6002374130145	600237	4130145	3.84E-07	0.384	1.24E-03
6002474130145	600247	4130145	4.03E-07	0.403	1.30E-03
6002574130145	600257	4130145	4.25E-07	0.425	1.37E-03

6002674130145	600267	4130145	4.49E-07	0.449	1.45E-03
6002774130145	600277	4130145	4.75E-07	0.475	1.54E-03
6002874130145	600287	4130145	5.05E-07	0.505	1.63E-03
6002974130145	600297	4130145	5.38E-07	0.538	1.74E-03
6003074130145	600307	4130145	5.75E-07	0.575	1.86E-03
6003174130145	600317	4130145	6.17E-07	0.617	2.00E-03
6003274130145	600327	4130145	6.66E-07	0.666	2.15E-03
6003374130145	600337	4130145	7.24E-07	0.724	2.34E-03
6003474130145	600347	4130145	7.93E-07	0.793	2.56E-03
6003574130145	600357	4130145	8.79E-07	0.879	2.84E-03
6003674130145	600367	4130145	9.97E-07	0.997	3.22E-03
6003774130145	600377	4130145	1.01E-06	1.007	3.26E-03
6003874130145	600387	4130145	9.45E-07	0.945	3.05E-03
6003974130145	600397	4130145	9.54E-07	0.954	3.08E-03
6004074130145	600407	4130145	1.13E-06	1.131	3.65E-03
6004174130145	600417	4130145	1.05E-06	1.048	3.39E-03
6004274130145	600427	4130145	9.92E-07	0.992	3.21E-03
6004374130145	600437	4130145	9.48E-07	0.948	3.06E-03
6004474130145	600447	4130145	9.09E-07	0.909	2.94E-03
6004574130145	600457	4130145	8.73E-07	0.873	2.82E-03
6004674130145	600467	4130145	8.38E-07	0.838	2.71E-03
6004774130145	600477	4130145	8.02E-07	0.802	2.59E-03
6004874130145	600487	4130145	7.67E-07	0.767	2.48E-03
6004974130145	600497	4130145	7.32E-07	0.732	2.37E-03
6005074130145	600507	4130145	6.98E-07	0.698	2.25E-03
6005174130145	600517	4130145	6.62E-07	0.662	2.14E-03
6005274130145	600527	4130145	6.26E-07	0.626	2.02E-03
6005374130145	600537	4130145	5.91E-07	0.591	1.91E-03
6005474130145	600547	4130145	5.57E-07	0.557	1.80E-03
6005574130145	600557	4130145	5.27E-07	0.527	1.70E-03
6005674130145	600567	4130145	5.00E-07	0.500	1.62E-03
6005774130145	600577	4130145	4.78E-07	0.478	1.55E-03
6005874130145	600587	4130145	4.63E-07	0.463	1.50E-03
6005974130145	600597	4130145	4.54E-07	0.454	1.47E-03
6006074130145	600607	4130145	4.53E-07	0.453	1.46E-03
6006174130145	600617	4130145	4.61E-07	0.461	1.49E-03
6006274130145	600627	4130145	4.80E-07	0.480	1.55E-03
6006374130145	600637	4130145	5.15E-07	0.515	1.66E-03
6006474130145	600647	4130145	5.75E-07	0.575	1.86E-03
6006574130145	600657	4130145	6.88E-07	0.688	2.22E-03
6006674130145	600667	4130145	6.30E-07	0.630	2.04E-03
6006774130145	600677	4130145	6.62E-07	0.662	2.14E-03
6006874130145	600687	4130145	8.33E-07	0.833	2.69E-03
6006974130145	600697	4130145	6.65E-07	0.665	2.15E-03
6007074130145	600707	4130145	5.62E-07	0.562	1.82E-03
6007174130145	600717	4130145	4.90E-07	0.490	1.58E-03
6007274130145	600727	4130145	4.36E-07	0.436	1.41E-03
6007374130145	600737	4130145	3.93E-07	0.393	1.27E-03
6007474130145	600747	4130145	3.57E-07	0.357	1.15E-03
6007574130145	600757	4130145	3.26E-07	0.326	1.05E-03
6007674130145	600767	4130145	3.01E-07	0.301	9.74E-04
6007774130145	600777	4130145	2.79E-07	0.279	9.03E-04
6007874130145	600787	4130145	2.61E-07	0.261	8.42E-04
6007974130145	600797	4130145	2.44E-07	0.244	7.89E-04
6008074130145	600807	4130145	2.30E-07	0.230	7.42E-04

6008174130145	600817	4130145	2.17E-07	0.217	7.01E-04
6008274130145	600827	4130145	2.05E-07	0.205	6.63E-04
6008374130145	600837	4130145	1.95E-07	0.195	6.30E-04
6008474130145	600847	4130145	1.85E-07	0.185	5.99E-04
6008574130145	600857	4130145	1.77E-07	0.177	5.71E-04
6008674130145	600867	4130145	1.69E-07	0.169	5.46E-04
6002074130155	600207	4130155	3.28E-07	0.328	1.06E-03
6002174130155	600217	4130155	3.42E-07	0.342	1.10E-03
6002274130155	600227	4130155	3.56E-07	0.356	1.15E-03
6002374130155	600237	4130155	3.73E-07	0.373	1.20E-03
6002474130155	600247	4130155	3.91E-07	0.391	1.26E-03
6002574130155	600257	4130155	4.11E-07	0.411	1.33E-03
6002674130155	600267	4130155	4.33E-07	0.433	1.40E-03
6002774130155	600277	4130155	4.57E-07	0.457	1.48E-03
6002874130155	600287	4130155	4.84E-07	0.484	1.56E-03
6002974130155	600297	4130155	5.12E-07	0.512	1.66E-03
6003074130155	600307	4130155	5.44E-07	0.544	1.76E-03
6003174130155	600317	4130155	5.80E-07	0.580	1.87E-03
6003274130155	600327	4130155	6.20E-07	0.620	2.00E-03
6003374130155	600337	4130155	6.66E-07	0.666	2.15E-03
6003474130155	600347	4130155	7.19E-07	0.719	2.32E-03
6003574130155	600357	4130155	7.81E-07	0.781	2.52E-03
6003674130155	600367	4130155	8.61E-07	0.861	2.78E-03
6003774130155	600377	4130155	9.68E-07	0.968	3.13E-03
6003874130155	600387	4130155	8.75E-07	0.875	2.83E-03
6003974130155	600397	4130155	9.16E-07	0.916	2.96E-03
6004074130155	600407	4130155	9.57E-07	0.957	3.09E-03
6004174130155	600417	4130155	1.11E-06	1.108	3.58E-03
6004274130155	600427	4130155	1.01E-06	1.008	3.26E-03
6004374130155	600437	4130155	9.38E-07	0.938	3.03E-03
6004474130155	600447	4130155	8.83E-07	0.883	2.85E-03
6004574130155	600457	4130155	8.37E-07	0.837	2.71E-03
6004674130155	600467	4130155	7.96E-07	0.796	2.57E-03
6004774130155	600477	4130155	7.58E-07	0.758	2.45E-03
6004874130155	600487	4130155	7.23E-07	0.723	2.34E-03
6004974130155	600497	4130155	6.89E-07	0.689	2.23E-03
6005074130155	600507	4130155	6.57E-07	0.657	2.12E-03
6005174130155	600517	4130155	6.25E-07	0.625	2.02E-03
6005274130155	600527	4130155	5.94E-07	0.594	1.92E-03
6005374130155	600537	4130155	5.63E-07	0.563	1.82E-03
6005474130155	600547	4130155	5.35E-07	0.535	1.73E-03
6005574130155	600557	4130155	5.09E-07	0.509	1.64E-03
6005674130155	600567	4130155	4.86E-07	0.486	1.57E-03
6005774130155	600577	4130155	4.69E-07	0.469	1.52E-03
6005874130155	600587	4130155	4.58E-07	0.458	1.48E-03
6005974130155	600597	4130155	4.55E-07	0.455	1.47E-03
6006074130155	600607	4130155	4.59E-07	0.459	1.48E-03
6006174130155	600617	4130155	4.75E-07	0.475	1.53E-03
6006274130155	600627	4130155	5.06E-07	0.506	1.64E-03
6006374130155	600637	4130155	5.62E-07	0.562	1.82E-03
6006474130155	600647	4130155	6.66E-07	0.666	2.15E-03
6006574130155	600657	4130155	6.06E-07	0.606	1.96E-03
6006674130155	600667	4130155	5.58E-07	0.558	1.80E-03
6006774130155	600677	4130155	7.46E-07	0.746	2.41E-03
6006874130155	600687	4130155	6.75E-07	0.675	2.18E-03

6006974130155	600697	4130155	5.67E-07	0.567	1.83E-03
6007074130155	600707	4130155	4.93E-07	0.493	1.59E-03
6007174130155	600717	4130155	4.38E-07	0.438	1.42E-03
6007274130155	600727	4130155	3.94E-07	0.394	1.27E-03
6007374130155	600737	4130155	3.58E-07	0.358	1.16E-03
6007474130155	600747	4130155	3.28E-07	0.328	1.06E-03
6007574130155	600757	4130155	3.02E-07	0.302	9.76E-04
6007674130155	600767	4130155	2.80E-07	0.280	9.04E-04
6007774130155	600777	4130155	2.61E-07	0.261	8.43E-04
6007874130155	600787	4130155	2.44E-07	0.244	7.90E-04
6007974130155	600797	4130155	2.30E-07	0.230	7.43E-04
6008074130155	600807	4130155	2.17E-07	0.217	7.01E-04
6008174130155	600817	4130155	2.05E-07	0.205	6.64E-04
6008274130155	600827	4130155	1.95E-07	0.195	6.29E-04
6008374130155	600837	4130155	1.85E-07	0.185	5.98E-04
6008474130155	600847	4130155	1.76E-07	0.176	5.70E-04
6008574130155	600857	4130155	1.68E-07	0.168	5.44E-04
6008674130155	600867	4130155	1.61E-07	0.161	5.21E-04
6002174130165	600217	4130165	3.32E-07	0.332	1.07E-03
6002274130165	600227	4130165	3.46E-07	0.346	1.12E-03
6002374130165	600237	4130165	3.61E-07	0.361	1.17E-03
6002474130165	600247	4130165	3.79E-07	0.379	1.22E-03
6002574130165	600257	4130165	3.97E-07	0.397	1.28E-03
6002674130165	600267	4130165	4.18E-07	0.418	1.35E-03
6002774130165	600277	4130165	4.39E-07	0.439	1.42E-03
6002874130165	600287	4130165	4.63E-07	0.463	1.50E-03
6002974130165	600297	4130165	4.88E-07	0.488	1.58E-03
6003074130165	600307	4130165	5.16E-07	0.516	1.67E-03
6003174130165	600317	4130165	5.47E-07	0.547	1.77E-03
6003274130165	600327	4130165	5.80E-07	0.580	1.88E-03
6003374130165	600337	4130165	6.17E-07	0.617	2.00E-03
6003474130165	600347	4130165	6.58E-07	0.658	2.13E-03
6003574130165	600357	4130165	7.07E-07	0.707	2.28E-03
6003674130165	600367	4130165	7.64E-07	0.764	2.47E-03
6003774130165	600377	4130165	8.34E-07	0.834	2.70E-03
6003874130165	600387	4130165	9.28E-07	0.928	3.00E-03
6003974130165	600397	4130165	9.35E-07	0.935	3.02E-03
6004074130165	600407	4130165	8.77E-07	0.877	2.83E-03
6004174130165	600417	4130165	8.80E-07	0.880	2.84E-03
6004274130165	600427	4130165	1.08E-06	1.081	3.49E-03
6004374130165	600437	4130165	9.65E-07	0.965	3.12E-03
6004474130165	600447	4130165	8.85E-07	0.885	2.86E-03
6004574130165	600457	4130165	8.23E-07	0.823	2.66E-03
6004674130165	600467	4130165	7.72E-07	0.772	2.50E-03
6004774130165	600477	4130165	7.30E-07	0.730	2.36E-03
6004874130165	600487	4130165	6.93E-07	0.693	2.24E-03
6004974130165	600497	4130165	6.59E-07	0.659	2.13E-03
6005074130165	600507	4130165	6.27E-07	0.627	2.03E-03
6005174130165	600517	4130165	5.98E-07	0.598	1.93E-03
6005274130165	600527	4130165	5.69E-07	0.569	1.84E-03
6005374130165	600537	4130165	5.43E-07	0.543	1.75E-03
6005474130165	600547	4130165	5.18E-07	0.518	1.67E-03
6005574130165	600557	4130165	4.96E-07	0.496	1.60E-03
6005674130165	600567	4130165	4.78E-07	0.478	1.55E-03
6005774130165	600577	4130165	4.66E-07	0.466	1.51E-03

6005874130165	600587	4130165	4.60E-07	0.460	1.49E-03
6005974130165	600597	4130165	4.62E-07	0.462	1.49E-03
6006074130165	600607	4130165	4.74E-07	0.474	1.53E-03
6006174130165	600617	4130165	5.02E-07	0.502	1.62E-03
6006274130165	600627	4130165	5.52E-07	0.552	1.78E-03
6006374130165	600637	4130165	6.47E-07	0.647	2.09E-03
6006474130165	600647	4130165	6.11E-07	0.611	1.97E-03
6006574130165	600657	4130165	6.49E-07	0.649	2.10E-03
6006674130165	600667	4130165	7.40E-07	0.740	2.39E-03
6006774130165	600677	4130165	6.90E-07	0.690	2.23E-03
6006874130165	600687	4130165	5.73E-07	0.573	1.85E-03
6006974130165	600697	4130165	4.96E-07	0.496	1.60E-03
6007074130165	600707	4130165	4.39E-07	0.439	1.42E-03
6007174130165	600717	4130165	3.95E-07	0.395	1.28E-03
6007274130165	600727	4130165	3.58E-07	0.358	1.16E-03
6007374130165	600737	4130165	3.28E-07	0.328	1.06E-03
6007474130165	600747	4130165	3.03E-07	0.303	9.78E-04
6007574130165	600757	4130165	2.80E-07	0.280	9.06E-04
6007674130165	600767	4130165	2.61E-07	0.261	8.44E-04
6007774130165	600777	4130165	2.44E-07	0.244	7.89E-04
6007874130165	600787	4130165	2.29E-07	0.229	7.41E-04
6007974130165	600797	4130165	2.16E-07	0.216	7.00E-04
6008074130165	600807	4130165	2.05E-07	0.205	6.62E-04
6008174130165	600817	4130165	1.94E-07	0.194	6.28E-04
6008274130165	600827	4130165	1.85E-07	0.185	5.97E-04
6008374130165	600837	4130165	1.76E-07	0.176	5.68E-04
6008474130165	600847	4130165	1.68E-07	0.168	5.42E-04
6008574130165	600857	4130165	1.60E-07	0.160	5.18E-04
6002174130175	600217	4130175	3.22E-07	0.322	1.04E-03
6002274130175	600227	4130175	3.36E-07	0.336	1.09E-03
6002374130175	600237	4130175	3.51E-07	0.351	1.13E-03
6002474130175	600247	4130175	3.67E-07	0.367	1.19E-03
6002574130175	600257	4130175	3.84E-07	0.384	1.24E-03
6002674130175	600267	4130175	4.03E-07	0.403	1.30E-03
6002774130175	600277	4130175	4.22E-07	0.422	1.37E-03
6002874130175	600287	4130175	4.43E-07	0.443	1.43E-03
6002974130175	600297	4130175	4.66E-07	0.466	1.51E-03
6003074130175	600307	4130175	4.90E-07	0.490	1.58E-03
6003174130175	600317	4130175	5.16E-07	0.516	1.67E-03
6003274130175	600327	4130175	5.45E-07	0.545	1.76E-03
6003374130175	600337	4130175	5.74E-07	0.574	1.86E-03
6003474130175	600347	4130175	6.08E-07	0.608	1.97E-03
6003574130175	600357	4130175	6.46E-07	0.646	2.09E-03
6003674130175	600367	4130175	6.88E-07	0.688	2.22E-03
6003774130175	600377	4130175	7.38E-07	0.738	2.38E-03
6003874130175	600387	4130175	8.00E-07	0.800	2.58E-03
6003974130175	600397	4130175	8.82E-07	0.882	2.85E-03
6004074130175	600407	4130175	1.01E-06	1.007	3.25E-03
6004174130175	600417	4130175	8.39E-07	0.839	2.71E-03
6004274130175	600427	4130175	7.59E-07	0.759	2.45E-03
6004374130175	600437	4130175	9.34E-07	0.934	3.02E-03
6004474130175	600447	4130175	9.25E-07	0.925	2.99E-03
6004574130175	600457	4130175	8.36E-07	0.836	2.70E-03
6004674130175	600467	4130175	7.70E-07	0.770	2.49E-03
6004774130175	600477	4130175	7.19E-07	0.719	2.32E-03

6004874130175	600487	4130175	6.77E-07	0.677	2.19E-03
6004974130175	600497	4130175	6.40E-07	0.640	2.07E-03
6005074130175	600507	4130175	6.08E-07	0.608	1.96E-03
6005174130175	600517	4130175	5.79E-07	0.579	1.87E-03
6005274130175	600527	4130175	5.53E-07	0.553	1.79E-03
6005374130175	600537	4130175	5.29E-07	0.529	1.71E-03
6005474130175	600547	4130175	5.07E-07	0.507	1.64E-03
6005574130175	600557	4130175	4.89E-07	0.489	1.58E-03
6005674130175	600567	4130175	4.75E-07	0.475	1.54E-03
6005774130175	600577	4130175	4.68E-07	0.468	1.51E-03
6005874130175	600587	4130175	4.68E-07	0.468	1.51E-03
6005974130175	600597	4130175	4.77E-07	0.477	1.54E-03
6006074130175	600607	4130175	5.01E-07	0.501	1.62E-03
6006174130175	600617	4130175	5.46E-07	0.546	1.76E-03
6006274130175	600627	4130175	6.32E-07	0.632	2.04E-03
6006374130175	600637	4130175	5.85E-07	0.585	1.89E-03
6006474130175	600647	4130175	6.68E-07	0.668	2.16E-03
6006574130175	600657	4130175	7.66E-07	0.766	2.47E-03
6006674130175	600667	4130175	7.04E-07	0.704	2.27E-03
6006774130175	600677	4130175	5.82E-07	0.582	1.88E-03
6006874130175	600687	4130175	5.01E-07	0.501	1.62E-03
6006974130175	600697	4130175	4.41E-07	0.441	1.43E-03
6007074130175	600707	4130175	3.95E-07	0.395	1.28E-03
6007174130175	600717	4130175	3.58E-07	0.358	1.16E-03
6007274130175	600727	4130175	3.27E-07	0.327	1.06E-03
6007374130175	600737	4130175	3.02E-07	0.302	9.77E-04
6007474130175	600747	4130175	2.80E-07	0.280	9.06E-04
6007574130175	600757	4130175	2.61E-07	0.261	8.44E-04
6007674130175	600767	4130175	2.44E-07	0.244	7.89E-04
6007774130175	600777	4130175	2.29E-07	0.229	7.40E-04
6007874130175	600787	4130175	2.16E-07	0.216	6.97E-04
6007974130175	600797	4130175	2.04E-07	0.204	6.59E-04
6008074130175	600807	4130175	1.93E-07	0.193	6.25E-04
6008174130175	600817	4130175	1.84E-07	0.184	5.94E-04
6008274130175	600827	4130175	1.75E-07	0.175	5.65E-04
6008374130175	600837	4130175	1.67E-07	0.167	5.39E-04
6008474130175	600847	4130175	1.60E-07	0.160	5.16E-04
6008574130175	600857	4130175	1.53E-07	0.153	4.94E-04
6002274130185	600227	4130185	3.27E-07	0.327	1.06E-03
6002374130185	600237	4130185	3.41E-07	0.341	1.10E-03
6002474130185	600247	4130185	3.56E-07	0.356	1.15E-03
6002574130185	600257	4130185	3.72E-07	0.372	1.20E-03
6002674130185	600267	4130185	3.88E-07	0.388	1.25E-03
6002774130185	600277	4130185	4.06E-07	0.406	1.31E-03
6002874130185	600287	4130185	4.25E-07	0.425	1.37E-03
6002974130185	600297	4130185	4.45E-07	0.445	1.44E-03
6003074130185	600307	4130185	4.66E-07	0.466	1.50E-03
6003174130185	600317	4130185	4.88E-07	0.488	1.58E-03
6003274130185	600327	4130185	5.12E-07	0.512	1.65E-03
6003374130185	600337	4130185	5.37E-07	0.537	1.73E-03
6003474130185	600347	4130185	5.64E-07	0.564	1.82E-03
6003574130185	600357	4130185	5.93E-07	0.593	1.92E-03
6003674130185	600367	4130185	6.26E-07	0.626	2.02E-03
6003774130185	600377	4130185	6.63E-07	0.663	2.14E-03
6003874130185	600387	4130185	7.06E-07	0.706	2.28E-03



6003974130185	600397	4130185	7.60E-07	0.760	2.46E-03
6004074130185	600407	4130185	8.32E-07	0.832	2.69E-03
6004174130185	600417	4130185	9.42E-07	0.942	3.04E-03
6004274130185	600427	4130185	7.83E-07	0.783	2.53E-03
6004374130185	600437	4130185	7.90E-07	0.790	2.55E-03
6004474130185	600447	4130185	8.74E-07	0.874	2.82E-03
6004574130185	600457	4130185	8.88E-07	0.888	2.87E-03
6004674130185	600467	4130185	7.95E-07	0.795	2.57E-03
6004774130185	600477	4130185	7.28E-07	0.728	2.35E-03
6004874130185	600487	4130185	6.76E-07	0.676	2.18E-03
6004974130185	600497	4130185	6.34E-07	0.634	2.05E-03
6005074130185	600507	4130185	5.99E-07	0.599	1.94E-03
6005174130185	600517	4130185	5.69E-07	0.569	1.84E-03
6005274130185	600527	4130185	5.43E-07	0.543	1.76E-03
6005374130185	600537	4130185	5.21E-07	0.521	1.68E-03
6005474130185	600547	4130185	5.02E-07	0.502	1.62E-03
6005574130185	600557	4130185	4.87E-07	0.487	1.57E-03
6005674130185	600567	4130185	4.78E-07	0.478	1.54E-03
6005774130185	600577	4130185	4.76E-07	0.476	1.54E-03
6005874130185	600587	4130185	4.83E-07	0.483	1.56E-03
6005974130185	600597	4130185	5.02E-07	0.502	1.62E-03
6006074130185	600607	4130185	5.43E-07	0.543	1.75E-03
6006174130185	600617	4130185	6.20E-07	0.620	2.00E-03
6006274130185	600627	4130185	6.69E-07	0.669	2.16E-03
6006374130185	600637	4130185	6.41E-07	0.641	2.07E-03
6006474130185	600647	4130185	6.48E-07	0.648	2.09E-03
6006574130185	600657	4130185	7.20E-07	0.720	2.33E-03
6006674130185	600667	4130185	5.91E-07	0.591	1.91E-03
6006774130185	600677	4130185	5.06E-07	0.506	1.63E-03
6006874130185	600687	4130185	4.44E-07	0.444	1.43E-03
6006974130185	600697	4130185	3.97E-07	0.397	1.28E-03
6007074130185	600707	4130185	3.58E-07	0.358	1.16E-03
6007174130185	600717	4130185	3.27E-07	0.327	1.06E-03
6007274130185	600727	4130185	3.01E-07	0.301	9.73E-04
6007374130185	600737	4130185	2.79E-07	0.279	9.02E-04
6007474130185	600747	4130185	2.60E-07	0.260	8.41E-04
6007574130185	600757	4130185	2.43E-07	0.243	7.87E-04
6007674130185	600767	4130185	2.28E-07	0.228	7.38E-04
6007774130185	600777	4130185	2.15E-07	0.215	6.94E-04
6007874130185	600787	4130185	2.03E-07	0.203	6.56E-04
6007974130185	600797	4130185	1.92E-07	0.192	6.21E-04
6008074130185	600807	4130185	1.83E-07	0.183	5.90E-04
6008174130185	600817	4130185	1.74E-07	0.174	5.62E-04
6008274130185	600827	4130185	1.66E-07	0.166	5.36E-04
6008374130185	600837	4130185	1.58E-07	0.158	5.12E-04
6008474130185	600847	4130185	1.52E-07	0.152	4.90E-04
6002374130195	600237	4130195	3.30E-07	0.330	1.07E-03
6002474130195	600247	4130195	3.44E-07	0.344	1.11E-03
6002574130195	600257	4130195	3.59E-07	0.359	1.16E-03
6002674130195	600267	4130195	3.74E-07	0.374	1.21E-03
6002774130195	600277	4130195	3.90E-07	0.390	1.26E-03
6002874130195	600287	4130195	4.07E-07	0.407	1.31E-03
6002974130195	600297	4130195	4.24E-07	0.424	1.37E-03
6003074130195	600307	4130195	4.43E-07	0.443	1.43E-03
6003174130195	600317	4130195	4.62E-07	0.462	1.49E-03

6003274130195	600327	4130195	4.82E-07	0.482	1.56E-03
6003374130195	600337	4130195	5.03E-07	0.503	1.63E-03
6003474130195	600347	4130195	5.25E-07	0.525	1.70E-03
6003574130195	600357	4130195	5.48E-07	0.548	1.77E-03
6003674130195	600367	4130195	5.74E-07	0.574	1.85E-03
6003774130195	600377	4130195	6.02E-07	0.602	1.94E-03
6003874130195	600387	4130195	6.33E-07	0.633	2.05E-03
6003974130195	600397	4130195	6.70E-07	0.670	2.17E-03
6004074130195	600407	4130195	7.18E-07	0.718	2.32E-03
6004174130195	600417	4130195	7.81E-07	0.781	2.52E-03
6004274130195	600427	4130195	8.78E-07	0.878	2.84E-03
6004374130195	600437	4130195	7.48E-07	0.748	2.42E-03
6004474130195	600447	4130195	6.70E-07	0.670	2.16E-03
6004574130195	600457	4130195	7.27E-07	0.727	2.35E-03
6004674130195	600467	4130195	8.60E-07	0.860	2.78E-03
6004774130195	600477	4130195	7.63E-07	0.763	2.47E-03
6004874130195	600487	4130195	6.94E-07	0.694	2.24E-03
6004974130195	600497	4130195	6.42E-07	0.642	2.07E-03
6005074130195	600507	4130195	6.01E-07	0.601	1.94E-03
6005174130195	600517	4130195	5.68E-07	0.568	1.84E-03
6005274130195	600527	4130195	5.41E-07	0.541	1.75E-03
6005374130195	600537	4130195	5.19E-07	0.519	1.68E-03
6005474130195	600547	4130195	5.02E-07	0.502	1.62E-03
6005574130195	600557	4130195	4.91E-07	0.491	1.59E-03
6005674130195	600567	4130195	4.86E-07	0.486	1.57E-03
6005774130195	600577	4130195	4.91E-07	0.491	1.59E-03
6005874130195	600587	4130195	5.07E-07	0.507	1.64E-03
6005974130195	600597	4130195	5.43E-07	0.543	1.75E-03
6006074130195	600607	4130195	6.12E-07	0.612	1.98E-03
6006174130195	600617	4130195	5.75E-07	0.575	1.86E-03
6006274130195	600627	4130195	6.46E-07	0.646	2.09E-03
6006374130195	600637	4130195	6.45E-07	0.645	2.08E-03
6006474130195	600647	4130195	7.39E-07	0.739	2.39E-03
6006574130195	600657	4130195	6.02E-07	0.602	1.94E-03
6006674130195	600667	4130195	5.12E-07	0.512	1.65E-03
6006774130195	600677	4130195	4.47E-07	0.447	1.45E-03
6006874130195	600687	4130195	3.98E-07	0.398	1.29E-03
6006974130195	600697	4130195	3.59E-07	0.359	1.16E-03
6007074130195	600707	4130195	3.27E-07	0.327	1.06E-03
6007174130195	600717	4130195	3.01E-07	0.301	9.73E-04
6007274130195	600727	4130195	2.78E-07	0.278	9.00E-04
6007374130195	600737	4130195	2.59E-07	0.259	8.36E-04
6007474130195	600747	4130195	2.42E-07	0.242	7.81E-04
6007574130195	600757	4130195	2.27E-07	0.227	7.34E-04
6007674130195	600767	4130195	2.14E-07	0.214	6.91E-04
6007774130195	600777	4130195	2.02E-07	0.202	6.52E-04
6007874130195	600787	4130195	1.91E-07	0.191	6.17E-04
6007974130195	600797	4130195	1.81E-07	0.181	5.86E-04
6008074130195	600807	4130195	1.73E-07	0.173	5.58E-04
6008174130195	600817	4130195	1.64E-07	0.164	5.32E-04
6008274130195	600827	4130195	1.57E-07	0.157	5.08E-04
6008374130195	600837	4130195	1.51E-07	0.151	4.86E-04
6008474130195	600847	4130195	1.44E-07	0.144	4.66E-04
6002374130205	600237	4130205	3.20E-07	0.320	1.03E-03
6002474130205	600247	4130205	3.33E-07	0.333	1.08E-03

6002574130205	600257	4130205	3.46E-07	0.346	1.12E-03
6002674130205	600267	4130205	3.60E-07	0.360	1.16E-03
6002774130205	600277	4130205	3.74E-07	0.374	1.21E-03
6002874130205	600287	4130205	3.89E-07	0.389	1.26E-03
6002974130205	600297	4130205	4.05E-07	0.405	1.31E-03
6003074130205	600307	4130205	4.21E-07	0.421	1.36E-03
6003174130205	600317	4130205	4.37E-07	0.437	1.41E-03
6003274130205	600327	4130205	4.55E-07	0.455	1.47E-03
6003374130205	600337	4130205	4.72E-07	0.472	1.53E-03
6003474130205	600347	4130205	4.90E-07	0.490	1.58E-03
6003574130205	600357	4130205	5.09E-07	0.509	1.64E-03
6003674130205	600367	4130205	5.29E-07	0.529	1.71E-03
6003774130205	600377	4130205	5.50E-07	0.550	1.78E-03
6003874130205	600387	4130205	5.74E-07	0.574	1.85E-03
6003974130205	600397	4130205	6.01E-07	0.601	1.94E-03
6004074130205	600407	4130205	6.33E-07	0.633	2.05E-03
6004174130205	600417	4130205	6.75E-07	0.675	2.18E-03
6004274130205	600427	4130205	7.32E-07	0.732	2.36E-03
6004374130205	600437	4130205	8.20E-07	0.820	2.65E-03
6004474130205	600447	4130205	6.92E-07	0.692	2.24E-03
6004574130205	600457	4130205	7.08E-07	0.708	2.29E-03
6004674130205	600467	4130205	7.21E-07	0.721	2.33E-03
6004774130205	600477	4130205	8.42E-07	0.842	2.72E-03
6004874130205	600487	4130205	7.39E-07	0.739	2.39E-03
6004974130205	600497	4130205	6.69E-07	0.669	2.16E-03
6005074130205	600507	4130205	6.17E-07	0.617	1.99E-03
6005174130205	600517	4130205	5.77E-07	0.577	1.86E-03
6005274130205	600527	4130205	5.46E-07	0.546	1.77E-03
6005374130205	600537	4130205	5.24E-07	0.524	1.69E-03
6005474130205	600547	4130205	5.08E-07	0.508	1.64E-03
6005574130205	600557	4130205	5.01E-07	0.501	1.62E-03
6005674130205	600567	4130205	5.02E-07	0.502	1.62E-03
6005774130205	600577	4130205	5.15E-07	0.515	1.66E-03
6005874130205	600587	4130205	5.46E-07	0.546	1.76E-03
6005974130205	600597	4130205	6.08E-07	0.608	1.97E-03
6006074130205	600607	4130205	6.49E-07	0.649	2.10E-03
6006174130205	600617	4130205	6.40E-07	0.640	2.07E-03
6006274130205	600627	4130205	6.53E-07	0.653	2.11E-03
6006374130205	600637	4130205	7.62E-07	0.762	2.46E-03
6006474130205	600647	4130205	6.14E-07	0.614	1.99E-03
6006574130205	600657	4130205	5.19E-07	0.519	1.68E-03
6006674130205	600667	4130205	4.51E-07	0.451	1.46E-03
6006774130205	600677	4130205	4.00E-07	0.400	1.29E-03
6006874130205	600687	4130205	3.60E-07	0.360	1.16E-03
6006974130205	600697	4130205	3.27E-07	0.327	1.06E-03
6007074130205	600707	4130205	3.00E-07	0.300	9.69E-04
6007174130205	600717	4130205	2.77E-07	0.277	8.95E-04
6007274130205	600727	4130205	2.58E-07	0.258	8.33E-04
6007374130205	600737	4130205	2.40E-07	0.240	7.77E-04
6007474130205	600747	4130205	2.25E-07	0.225	7.27E-04
6007574130205	600757	4130205	2.12E-07	0.212	6.84E-04
6007674130205	600767	4130205	2.00E-07	0.200	6.47E-04
6007774130205	600777	4130205	1.89E-07	0.189	6.12E-04
6007874130205	600787	4130205	1.80E-07	0.180	5.81E-04
6007974130205	600797	4130205	1.71E-07	0.171	5.52E-04

6008074130205	600807	4130205	1.63E-07	0.163	5.27E-04
6008174130205	600817	4130205	1.56E-07	0.156	5.03E-04
6008274130205	600827	4130205	1.49E-07	0.149	4.82E-04
6008374130205	600837	4130205	1.43E-07	0.143	4.62E-04
6002474130215	600247	4130215	3.22E-07	0.322	1.04E-03
6002574130215	600257	4130215	3.34E-07	0.334	1.08E-03
6002674130215	600267	4130215	3.46E-07	0.346	1.12E-03
6002774130215	600277	4130215	3.59E-07	0.359	1.16E-03
6002874130215	600287	4130215	3.72E-07	0.372	1.20E-03
6002974130215	600297	4130215	3.86E-07	0.386	1.25E-03
6003074130215	600307	4130215	4.00E-07	0.400	1.29E-03
6003174130215	600317	4130215	4.14E-07	0.414	1.34E-03
6003274130215	600327	4130215	4.29E-07	0.429	1.39E-03
6003374130215	600337	4130215	4.43E-07	0.443	1.43E-03
6003474130215	600347	4130215	4.58E-07	0.458	1.48E-03
6003574130215	600357	4130215	4.74E-07	0.474	1.53E-03
6003674130215	600367	4130215	4.90E-07	0.490	1.58E-03
6003774130215	600377	4130215	5.06E-07	0.506	1.64E-03
6003874130215	600387	4130215	5.24E-07	0.524	1.69E-03
6003974130215	600397	4130215	5.44E-07	0.544	1.76E-03
6004074130215	600407	4130215	5.67E-07	0.567	1.83E-03
6004174130215	600417	4130215	5.96E-07	0.596	1.93E-03
6004274130215	600427	4130215	6.33E-07	0.633	2.05E-03
6004374130215	600437	4130215	6.86E-07	0.686	2.22E-03
6004474130215	600447	4130215	7.66E-07	0.766	2.48E-03
6004574130215	600457	4130215	7.53E-07	0.753	2.43E-03
6004674130215	600467	4130215	6.74E-07	0.674	2.18E-03
6004774130215	600477	4130215	6.60E-07	0.660	2.13E-03
6004874130215	600487	4130215	8.32E-07	0.832	2.69E-03
6004974130215	600497	4130215	7.24E-07	0.724	2.34E-03
6005074130215	600507	4130215	6.50E-07	0.650	2.10E-03
6005174130215	600517	4130215	5.97E-07	0.597	1.93E-03
6005274130215	600527	4130215	5.61E-07	0.561	1.81E-03
6005374130215	600537	4130215	5.37E-07	0.537	1.74E-03
6005474130215	600547	4130215	5.22E-07	0.522	1.69E-03
6005574130215	600557	4130215	5.18E-07	0.518	1.67E-03
6005674130215	600567	4130215	5.27E-07	0.527	1.70E-03
6005774130215	600577	4130215	5.53E-07	0.553	1.79E-03
6005874130215	600587	4130215	6.08E-07	0.608	1.96E-03
6005974130215	600597	4130215	7.25E-07	0.725	2.34E-03
6006074130215	600607	4130215	6.34E-07	0.634	2.05E-03
6006174130215	600617	4130215	6.67E-07	0.667	2.16E-03
6006274130215	600627	4130215	7.89E-07	0.789	2.55E-03
6006374130215	600637	4130215	6.29E-07	0.629	2.03E-03
6006474130215	600647	4130215	5.28E-07	0.528	1.71E-03
6006574130215	600657	4130215	4.56E-07	0.456	1.47E-03
6006674130215	600667	4130215	4.03E-07	0.403	1.30E-03
6006774130215	600677	4130215	3.61E-07	0.361	1.17E-03
6006874130215	600687	4130215	3.27E-07	0.327	1.06E-03
6006974130215	600697	4130215	2.99E-07	0.299	9.65E-04
6007074130215	600707	4130215	2.75E-07	0.275	8.90E-04
6007174130215	600717	4130215	2.55E-07	0.255	8.25E-04
6007274130215	600727	4130215	2.38E-07	0.238	7.71E-04
6007374130215	600737	4130215	2.24E-07	0.224	7.23E-04
6007474130215	600747	4130215	2.10E-07	0.210	6.79E-04

6007574130215	600757	4130215	1.98E-07	0.198	6.39E-04
6007674130215	600767	4130215	1.87E-07	0.187	6.05E-04
6007774130215	600777	4130215	1.78E-07	0.178	5.75E-04
6007874130215	600787	4130215	1.69E-07	0.169	5.47E-04
6007974130215	600797	4130215	1.61E-07	0.161	5.21E-04
6008074130215	600807	4130215	1.54E-07	0.154	4.98E-04
6008174130215	600817	4130215	1.47E-07	0.147	4.76E-04
6008274130215	600827	4130215	1.41E-07	0.141	4.57E-04
6002574130225	600257	4130225	3.22E-07	0.322	1.04E-03
6002674130225	600267	4130225	3.33E-07	0.333	1.08E-03
6002774130225	600277	4130225	3.44E-07	0.344	1.11E-03
6002874130225	600287	4130225	3.56E-07	0.356	1.15E-03
6002974130225	600297	4130225	3.68E-07	0.368	1.19E-03
6003074130225	600307	4130225	3.80E-07	0.380	1.23E-03
6003174130225	600317	4130225	3.93E-07	0.393	1.27E-03
6003274130225	600327	4130225	4.05E-07	0.405	1.31E-03
6003374130225	600337	4130225	4.17E-07	0.417	1.35E-03
6003474130225	600347	4130225	4.30E-07	0.430	1.39E-03
6003574130225	600357	4130225	4.42E-07	0.442	1.43E-03
6003674130225	600367	4130225	4.55E-07	0.455	1.47E-03
6003774130225	600377	4130225	4.68E-07	0.468	1.51E-03
6003874130225	600387	4130225	4.81E-07	0.481	1.56E-03
6003974130225	600397	4130225	4.96E-07	0.496	1.60E-03
6004074130225	600407	4130225	5.13E-07	0.513	1.66E-03
6004174130225	600417	4130225	5.34E-07	0.534	1.73E-03
6004274130225	600427	4130225	5.60E-07	0.560	1.81E-03
6004374130225	600437	4130225	5.95E-07	0.595	1.92E-03
6004474130225	600447	4130225	6.44E-07	0.644	2.08E-03
6004574130225	600457	4130225	7.18E-07	0.718	2.32E-03
6004674130225	600467	4130225	6.17E-07	0.617	1.99E-03
6004774130225	600477	4130225	6.45E-07	0.645	2.09E-03
6004874130225	600487	4130225	6.78E-07	0.678	2.19E-03
6004974130225	600497	4130225	8.29E-07	0.829	2.68E-03
6005074130225	600507	4130225	7.13E-07	0.713	2.30E-03
6005174130225	600517	4130225	6.37E-07	0.637	2.06E-03
6005274130225	600527	4130225	5.90E-07	0.590	1.91E-03
6005374130225	600537	4130225	5.60E-07	0.560	1.81E-03
6005474130225	600547	4130225	5.45E-07	0.545	1.76E-03
6005574130225	600557	4130225	5.45E-07	0.545	1.76E-03
6005674130225	600567	4130225	5.64E-07	0.564	1.82E-03
6005774130225	600577	4130225	6.11E-07	0.611	1.98E-03
6005874130225	600587	4130225	7.15E-07	0.715	2.31E-03
6005974130225	600597	4130225	6.45E-07	0.645	2.09E-03
6006074130225	600607	4130225	6.62E-07	0.662	2.14E-03
6006174130225	600617	4130225	8.18E-07	0.818	2.64E-03
6006274130225	600627	4130225	6.45E-07	0.645	2.08E-03
6006374130225	600637	4130225	5.37E-07	0.537	1.74E-03
6006474130225	600647	4130225	4.62E-07	0.462	1.49E-03
6006574130225	600657	4130225	4.06E-07	0.406	1.31E-03
6006674130225	600667	4130225	3.62E-07	0.362	1.17E-03
6006774130225	600677	4130225	3.27E-07	0.327	1.06E-03
6006874130225	600687	4130225	2.97E-07	0.297	9.61E-04
6006974130225	600697	4130225	2.73E-07	0.273	8.83E-04
6007074130225	600707	4130225	2.53E-07	0.253	8.18E-04
6007174130225	600717	4130225	2.36E-07	0.236	7.63E-04

6007274130225	600727	4130225	2.21E-07	0.221	7.15E-04
6007374130225	600737	4130225	2.08E-07	0.208	6.72E-04
6007474130225	600747	4130225	1.96E-07	0.196	6.33E-04
6007574130225	600757	4130225	1.85E-07	0.185	5.99E-04
6007674130225	600767	4130225	1.76E-07	0.176	5.67E-04
6007774130225	600777	4130225	1.67E-07	0.167	5.40E-04
6007874130225	600787	4130225	1.59E-07	0.159	5.15E-04
6007974130225	600797	4130225	1.52E-07	0.152	4.92E-04
6008074130225	600807	4130225	1.46E-07	0.146	4.71E-04
6008174130225	600817	4130225	1.40E-07	0.140	4.51E-04
6002674130235	600267	4130235	3.20E-07	0.320	1.03E-03
6002774130235	600277	4130235	3.30E-07	0.330	1.07E-03
6002874130235	600287	4130235	3.41E-07	0.341	1.10E-03
6002974130235	600297	4130235	3.51E-07	0.351	1.13E-03
6003074130235	600307	4130235	3.61E-07	0.361	1.17E-03
6003174130235	600317	4130235	3.72E-07	0.372	1.20E-03
6003274130235	600327	4130235	3.83E-07	0.383	1.24E-03
6003374130235	600337	4130235	3.93E-07	0.393	1.27E-03
6003474130235	600347	4130235	4.03E-07	0.403	1.30E-03
6003574130235	600357	4130235	4.13E-07	0.413	1.34E-03
6003674130235	600367	4130235	4.24E-07	0.424	1.37E-03
6003774130235	600377	4130235	4.34E-07	0.434	1.40E-03
6003874130235	600387	4130235	4.44E-07	0.444	1.44E-03
6003974130235	600397	4130235	4.56E-07	0.456	1.47E-03
6004074130235	600407	4130235	4.69E-07	0.469	1.51E-03
6004174130235	600417	4130235	4.84E-07	0.484	1.56E-03
6004274130235	600427	4130235	5.03E-07	0.503	1.62E-03
6004374130235	600437	4130235	5.27E-07	0.527	1.70E-03
6004474130235	600447	4130235	5.60E-07	0.560	1.81E-03
6004574130235	600457	4130235	6.06E-07	0.606	1.96E-03
6004674130235	600467	4130235	6.76E-07	0.676	2.18E-03
6004774130235	600477	4130235	6.73E-07	0.673	2.18E-03
6004874130235	600487	4130235	6.14E-07	0.614	1.98E-03
6004974130235	600497	4130235	6.17E-07	0.617	2.00E-03
6005074130235	600507	4130235	6.95E-07	0.695	2.25E-03
6005174130235	600517	4130235	7.11E-07	0.711	2.30E-03
6005274130235	600527	4130235	6.38E-07	0.638	2.06E-03
6005374130235	600537	4130235	5.98E-07	0.598	1.93E-03
6005474130235	600547	4130235	5.80E-07	0.580	1.88E-03
6005574130235	600557	4130235	5.87E-07	0.587	1.90E-03
6005674130235	600567	4130235	6.22E-07	0.622	2.01E-03
6005774130235	600577	4130235	7.10E-07	0.710	2.29E-03
6005874130235	600587	4130235	6.32E-07	0.632	2.04E-03
6005974130235	600597	4130235	7.01E-07	0.701	2.27E-03
6006074130235	600607	4130235	7.40E-07	0.740	2.39E-03
6006174130235	600617	4130235	6.62E-07	0.662	2.14E-03
6006274130235	600627	4130235	5.47E-07	0.547	1.77E-03
6006374130235	600637	4130235	4.68E-07	0.468	1.51E-03
6006474130235	600647	4130235	4.09E-07	0.409	1.32E-03
6006574130235	600657	4130235	3.63E-07	0.363	1.17E-03
6006674130235	600667	4130235	3.26E-07	0.326	1.05E-03
6006774130235	600677	4130235	2.96E-07	0.296	9.58E-04
6006874130235	600687	4130235	2.71E-07	0.271	8.77E-04
6006974130235	600697	4130235	2.51E-07	0.251	8.10E-04
6007074130235	600707	4130235	2.33E-07	0.233	7.54E-04

6007174130235	600717	4130235	2.18E-07	0.218	7.05E-04
6007274130235	600727	4130235	2.05E-07	0.205	6.63E-04
6007374130235	600737	4130235	1.93E-07	0.193	6.25E-04
6007474130235	600747	4130235	1.83E-07	0.183	5.91E-04
6007574130235	600757	4130235	1.73E-07	0.173	5.60E-04
6007674130235	600767	4130235	1.65E-07	0.165	5.33E-04
6007774130235	600777	4130235	1.57E-07	0.157	5.07E-04
6007874130235	600787	4130235	1.50E-07	0.150	4.85E-04
6007974130235	600797	4130235	1.44E-07	0.144	4.64E-04
6008074130235	600807	4130235	1.38E-07	0.138	4.45E-04
6002774130245	600277	4130245	3.16E-07	0.316	1.02E-03
6002874130245	600287	4130245	3.25E-07	0.325	1.05E-03
6002974130245	600297	4130245	3.35E-07	0.335	1.08E-03
6003074130245	600307	4130245	3.44E-07	0.344	1.11E-03
6003174130245	600317	4130245	3.53E-07	0.353	1.14E-03
6003274130245	600327	4130245	3.62E-07	0.362	1.17E-03
6003374130245	600337	4130245	3.70E-07	0.370	1.20E-03
6003474130245	600347	4130245	3.79E-07	0.379	1.23E-03
6003574130245	600357	4130245	3.87E-07	0.387	1.25E-03
6003674130245	600367	4130245	3.96E-07	0.396	1.28E-03
6003774130245	600377	4130245	4.04E-07	0.404	1.30E-03
6003874130245	600387	4130245	4.12E-07	0.412	1.33E-03
6003974130245	600397	4130245	4.21E-07	0.421	1.36E-03
6004074130245	600407	4130245	4.31E-07	0.431	1.39E-03
6004174130245	600417	4130245	4.42E-07	0.442	1.43E-03
6004274130245	600427	4130245	4.56E-07	0.456	1.47E-03
6004374130245	600437	4130245	4.73E-07	0.473	1.53E-03
6004474130245	600447	4130245	4.96E-07	0.496	1.60E-03
6004574130245	600457	4130245	5.28E-07	0.528	1.71E-03
6004674130245	600467	4130245	5.73E-07	0.573	1.85E-03
6004774130245	600477	4130245	6.38E-07	0.638	2.06E-03
6004874130245	600487	4130245	7.48E-07	0.748	2.42E-03
6004974130245	600497	4130245	6.01E-07	0.601	1.94E-03
6005074130245	600507	4130245	5.25E-07	0.525	1.70E-03
6005174130245	600517	4130245	7.20E-07	0.720	2.33E-03
6005274130245	600527	4130245	7.23E-07	0.723	2.34E-03
6005374130245	600537	4130245	6.57E-07	0.657	2.12E-03
6005474130245	600547	4130245	6.34E-07	0.634	2.05E-03
6005574130245	600557	4130245	6.48E-07	0.648	2.10E-03
6005674130245	600567	4130245	7.15E-07	0.715	2.31E-03
6005774130245	600577	4130245	7.48E-07	0.748	2.42E-03
6005874130245	600587	4130245	6.72E-07	0.672	2.17E-03
6005974130245	600597	4130245	7.44E-07	0.744	2.40E-03
6006074130245	600607	4130245	6.79E-07	0.679	2.19E-03
6006174130245	600617	4130245	5.56E-07	0.556	1.80E-03
6006274130245	600627	4130245	4.73E-07	0.473	1.53E-03
6006374130245	600637	4130245	4.11E-07	0.411	1.33E-03
6006474130245	600647	4130245	3.63E-07	0.363	1.17E-03
6006574130245	600657	4130245	3.26E-07	0.326	1.05E-03
6006674130245	600667	4130245	2.95E-07	0.295	9.53E-04
6006774130245	600677	4130245	2.69E-07	0.269	8.71E-04
6006874130245	600687	4130245	2.48E-07	0.248	8.02E-04
6006974130245	600697	4130245	2.30E-07	0.230	7.44E-04
6007074130245	600707	4130245	2.15E-07	0.215	6.96E-04
6007174130245	600717	4130245	2.02E-07	0.202	6.53E-04

6007274130245	600727	4130245	1.90E-07	0.190	6.15E-04
6007374130245	600737	4130245	1.80E-07	0.180	5.83E-04
6007474130245	600747	4130245	1.71E-07	0.171	5.52E-04
6007574130245	600757	4130245	1.62E-07	0.162	5.25E-04
6007674130245	600767	4130245	1.55E-07	0.155	5.00E-04
6007774130245	600777	4130245	1.48E-07	0.148	4.78E-04
6007874130245	600787	4130245	1.41E-07	0.141	4.57E-04
6007974130245	600797	4130245	1.36E-07	0.136	4.39E-04
6002874130255	600287	4130255	3.11E-07	0.311	1.00E-03
6002974130255	600297	4130255	3.19E-07	0.319	1.03E-03
6003074130255	600307	4130255	3.27E-07	0.327	1.06E-03
6003174130255	600317	4130255	3.35E-07	0.335	1.08E-03
6003274130255	600327	4130255	3.42E-07	0.342	1.11E-03
6003374130255	600337	4130255	3.49E-07	0.349	1.13E-03
6003474130255	600347	4130255	3.57E-07	0.357	1.15E-03
6003574130255	600357	4130255	3.64E-07	0.364	1.18E-03
6003674130255	600367	4130255	3.70E-07	0.370	1.20E-03
6003774130255	600377	4130255	3.77E-07	0.377	1.22E-03
6003874130255	600387	4130255	3.83E-07	0.383	1.24E-03
6003974130255	600397	4130255	3.90E-07	0.390	1.26E-03
6004074130255	600407	4130255	3.98E-07	0.398	1.29E-03
6004174130255	600417	4130255	4.06E-07	0.406	1.31E-03
6004274130255	600427	4130255	4.17E-07	0.417	1.35E-03
6004374130255	600437	4130255	4.30E-07	0.430	1.39E-03
6004474130255	600447	4130255	4.47E-07	0.447	1.44E-03
6004574130255	600457	4130255	4.69E-07	0.469	1.52E-03
6004674130255	600467	4130255	5.00E-07	0.500	1.62E-03
6004774130255	600477	4130255	5.44E-07	0.544	1.76E-03
6004874130255	600487	4130255	6.07E-07	0.607	1.96E-03
6004974130255	600497	4130255	7.09E-07	0.709	2.29E-03
6005074130255	600507	4130255	5.73E-07	0.573	1.85E-03
6005174130255	600517	4130255	5.95E-07	0.595	1.92E-03
6005274130255	600527	4130255	7.06E-07	0.706	2.28E-03
6005374130255	600537	4130255	7.56E-07	0.756	2.44E-03
6005474130255	600547	4130255	7.14E-07	0.714	2.31E-03
6005574130255	600557	4130255	7.44E-07	0.744	2.40E-03
6005674130255	600567	4130255	6.54E-07	0.654	2.11E-03
6005774130255	600577	4130255	7.00E-07	0.700	2.26E-03
6005874130255	600587	4130255	7.72E-07	0.772	2.49E-03
6005974130255	600597	4130255	6.94E-07	0.694	2.24E-03
6006074130255	600607	4130255	5.63E-07	0.563	1.82E-03
6006174130255	600617	4130255	4.76E-07	0.476	1.54E-03
6006274130255	600627	4130255	4.12E-07	0.412	1.33E-03
6006374130255	600637	4130255	3.63E-07	0.363	1.17E-03
6006474130255	600647	4130255	3.24E-07	0.324	1.05E-03
6006574130255	600657	4130255	2.93E-07	0.293	9.47E-04
6006674130255	600667	4130255	2.67E-07	0.267	8.64E-04
6006774130255	600677	4130255	2.46E-07	0.246	7.94E-04
6006874130255	600687	4130255	2.28E-07	0.228	7.36E-04
6006974130255	600697	4130255	2.12E-07	0.212	6.86E-04
6007074130255	600707	4130255	1.99E-07	0.199	6.43E-04
6007174130255	600717	4130255	1.87E-07	0.187	6.05E-04
6007274130255	600727	4130255	1.77E-07	0.177	5.72E-04
6007374130255	600737	4130255	1.68E-07	0.168	5.43E-04
6007474130255	600747	4130255	1.60E-07	0.160	5.17E-04



6007574130255	600757	4130255	1.52E-07	0.152	4.92E-04
6007674130255	600767	4130255	1.45E-07	0.145	4.70E-04
6007774130255	600777	4130255	1.39E-07	0.139	4.50E-04
6007874130255	600787	4130255	1.34E-07	0.134	4.32E-04
6002974130265	600297	4130265	3.04E-07	0.304	9.83E-04
6003074130265	600307	4130265	3.11E-07	0.311	1.00E-03
6003174130265	600317	4130265	3.17E-07	0.317	1.03E-03
6003274130265	600327	4130265	3.24E-07	0.324	1.05E-03
6003374130265	600337	4130265	3.30E-07	0.330	1.07E-03
6003474130265	600347	4130265	3.36E-07	0.336	1.09E-03
6003574130265	600357	4130265	3.42E-07	0.342	1.10E-03
6003674130265	600367	4130265	3.47E-07	0.347	1.12E-03
6003774130265	600377	4130265	3.52E-07	0.352	1.14E-03
6003874130265	600387	4130265	3.57E-07	0.357	1.16E-03
6003974130265	600397	4130265	3.63E-07	0.363	1.17E-03
6004074130265	600407	4130265	3.69E-07	0.369	1.19E-03
6004174130265	600417	4130265	3.76E-07	0.376	1.21E-03
6004274130265	600427	4130265	3.84E-07	0.384	1.24E-03
6004374130265	600437	4130265	3.94E-07	0.394	1.27E-03
6004474130265	600447	4130265	4.06E-07	0.406	1.31E-03
6004574130265	600457	4130265	4.23E-07	0.423	1.37E-03
6004674130265	600467	4130265	4.45E-07	0.445	1.44E-03
6004774130265	600477	4130265	4.76E-07	0.476	1.54E-03
6004874130265	600487	4130265	5.18E-07	0.518	1.67E-03
6004974130265	600497	4130265	5.80E-07	0.580	1.87E-03
6005074130265	600507	4130265	6.76E-07	0.676	2.18E-03
6005174130265	600517	4130265	6.68E-07	0.668	2.16E-03
6005274130265	600527	4130265	5.99E-07	0.599	1.94E-03
6005374130265	600537	4130265	6.13E-07	0.613	1.98E-03
6005474130265	600547	4130265	8.37E-07	0.837	2.71E-03
6005574130265	600557	4130265	7.88E-07	0.788	2.55E-03
6005674130265	600567	4130265	6.94E-07	0.694	2.24E-03
6005774130265	600577	4130265	6.57E-07	0.657	2.12E-03
6005874130265	600587	4130265	7.06E-07	0.706	2.28E-03
6005974130265	600597	4130265	5.66E-07	0.566	1.83E-03
6006074130265	600607	4130265	4.74E-07	0.474	1.53E-03
6006174130265	600617	4130265	4.09E-07	0.409	1.32E-03
6006274130265	600627	4130265	3.60E-07	0.360	1.16E-03
6006374130265	600637	4130265	3.22E-07	0.322	1.04E-03
6006474130265	600647	4130265	2.90E-07	0.290	9.38E-04
6006574130265	600657	4130265	2.64E-07	0.264	8.54E-04
6006674130265	600667	4130265	2.43E-07	0.243	7.85E-04
6006774130265	600677	4130265	2.25E-07	0.225	7.26E-04
6006874130265	600687	4130265	2.09E-07	0.209	6.76E-04
6006974130265	600697	4130265	1.96E-07	0.196	6.33E-04
6007074130265	600707	4130265	1.84E-07	0.184	5.96E-04
6007174130265	600717	4130265	1.74E-07	0.174	5.63E-04
6007274130265	600727	4130265	1.65E-07	0.165	5.33E-04
6007374130265	600737	4130265	1.57E-07	0.157	5.07E-04
6007474130265	600747	4130265	1.50E-07	0.150	4.84E-04
6007574130265	600757	4130265	1.43E-07	0.143	4.62E-04
6007674130265	600767	4130265	1.37E-07	0.137	4.42E-04
6007774130265	600777	4130265	1.31E-07	0.131	4.24E-04
6003074130275	600307	4130275	2.96E-07	0.296	9.56E-04
6003174130275	600317	4130275	3.02E-07	0.302	9.74E-04

6003274130275	600327	4130275	3.07E-07	0.307	9.92E-04
6003374130275	600337	4130275	3.12E-07	0.312	1.01E-03
6003474130275	600347	4130275	3.17E-07	0.317	1.02E-03
6003574130275	600357	4130275	3.22E-07	0.322	1.04E-03
6003674130275	600367	4130275	3.26E-07	0.326	1.05E-03
6003774130275	600377	4130275	3.30E-07	0.330	1.07E-03
6003874130275	600387	4130275	3.34E-07	0.334	1.08E-03
6003974130275	600397	4130275	3.39E-07	0.339	1.09E-03
6004074130275	600407	4130275	3.43E-07	0.343	1.11E-03
6004174130275	600417	4130275	3.48E-07	0.348	1.13E-03
6004274130275	600427	4130275	3.55E-07	0.355	1.15E-03
6004374130275	600437	4130275	3.62E-07	0.362	1.17E-03
6004474130275	600447	4130275	3.72E-07	0.372	1.20E-03
6004574130275	600457	4130275	3.85E-07	0.385	1.24E-03
6004674130275	600467	4130275	4.02E-07	0.402	1.30E-03
6004774130275	600477	4130275	4.24E-07	0.424	1.37E-03
6004874130275	600487	4130275	4.54E-07	0.454	1.47E-03
6004974130275	600497	4130275	4.95E-07	0.495	1.60E-03
6005074130275	600507	4130275	5.55E-07	0.555	1.79E-03
6005174130275	600517	4130275	6.47E-07	0.647	2.09E-03
6005274130275	600527	4130275	5.49E-07	0.549	1.78E-03
6005374130275	600537	4130275	6.05E-07	0.605	1.96E-03
6005474130275	600547	4130275	6.20E-07	0.620	2.00E-03
6005574130275	600557	4130275	7.12E-07	0.712	2.30E-03
6005674130275	600567	4130275	7.76E-07	0.776	2.51E-03
6005774130275	600577	4130275	7.04E-07	0.704	2.27E-03
6005874130275	600587	4130275	5.58E-07	0.558	1.80E-03
6005974130275	600597	4130275	4.65E-07	0.465	1.50E-03
6006074130275	600607	4130275	4.01E-07	0.401	1.30E-03
6006174130275	600617	4130275	3.53E-07	0.353	1.14E-03
6006274130275	600627	4130275	3.16E-07	0.316	1.02E-03
6006374130275	600637	4130275	2.86E-07	0.286	9.24E-04
6006474130275	600647	4130275	2.60E-07	0.260	8.41E-04
6006574130275	600657	4130275	2.39E-07	0.239	7.74E-04
6006674130275	600667	4130275	2.22E-07	0.222	7.17E-04
6006774130275	600677	4130275	2.06E-07	0.206	6.67E-04
6006874130275	600687	4130275	1.93E-07	0.193	6.24E-04
6006974130275	600697	4130275	1.82E-07	0.182	5.87E-04
6007074130275	600707	4130275	1.71E-07	0.171	5.54E-04
6007174130275	600717	4130275	1.62E-07	0.162	5.25E-04
6007274130275	600727	4130275	1.54E-07	0.154	4.99E-04
6007374130275	600737	4130275	1.47E-07	0.147	4.75E-04
6007474130275	600747	4130275	1.41E-07	0.141	4.55E-04
6007574130275	600757	4130275	1.35E-07	0.135	4.35E-04
6007674130275	600767	4130275	1.29E-07	0.129	4.17E-04
6003274130285	600327	4130285	2.91E-07	0.291	9.41E-04
6003374130285	600337	4130285	2.95E-07	0.295	9.55E-04
6003474130285	600347	4130285	2.99E-07	0.299	9.68E-04
6003574130285	600357	4130285	3.03E-07	0.303	9.80E-04
6003674130285	600367	4130285	3.07E-07	0.307	9.91E-04
6003774130285	600377	4130285	3.10E-07	0.310	1.00E-03
6003874130285	600387	4130285	3.13E-07	0.313	1.01E-03
6003974130285	600397	4130285	3.17E-07	0.317	1.02E-03
6004074130285	600407	4130285	3.20E-07	0.320	1.04E-03
6004174130285	600417	4130285	3.24E-07	0.324	1.05E-03

6004274130285	600427	4130285	3.29E-07	0.329	1.06E-03
6004374130285	600437	4130285	3.35E-07	0.335	1.08E-03
6004474130285	600447	4130285	3.43E-07	0.343	1.11E-03
6004574130285	600457	4130285	3.53E-07	0.353	1.14E-03
6004674130285	600467	4130285	3.65E-07	0.365	1.18E-03
6004774130285	600477	4130285	3.82E-07	0.382	1.23E-03
6004874130285	600487	4130285	4.03E-07	0.403	1.30E-03
6004974130285	600497	4130285	4.32E-07	0.432	1.40E-03
6005074130285	600507	4130285	4.72E-07	0.472	1.52E-03
6005174130285	600517	4130285	5.28E-07	0.528	1.71E-03
6005274130285	600527	4130285	6.14E-07	0.614	1.98E-03
6005374130285	600537	4130285	6.21E-07	0.621	2.01E-03
6005474130285	600547	4130285	5.69E-07	0.569	1.84E-03
6005574130285	600557	4130285	5.39E-07	0.539	1.74E-03
6005674130285	600567	4130285	6.60E-07	0.660	2.13E-03
6005774130285	600577	4130285	5.28E-07	0.528	1.71E-03
6005874130285	600587	4130285	4.44E-07	0.444	1.44E-03
6005974130285	600597	4130285	3.86E-07	0.386	1.25E-03
6006074130285	600607	4130285	3.42E-07	0.342	1.10E-03
6006174130285	600617	4130285	3.07E-07	0.307	9.93E-04
6006274130285	600627	4130285	2.79E-07	0.279	9.03E-04
6006374130285	600637	4130285	2.56E-07	0.256	8.26E-04
6006474130285	600647	4130285	2.35E-07	0.235	7.60E-04
6006574130285	600657	4130285	2.18E-07	0.218	7.06E-04
6006674130285	600667	4130285	2.04E-07	0.204	6.58E-04
6006774130285	600677	4130285	1.91E-07	0.191	6.16E-04
6006874130285	600687	4130285	1.79E-07	0.179	5.78E-04
6006974130285	600697	4130285	1.69E-07	0.169	5.45E-04
6007074130285	600707	4130285	1.60E-07	0.160	5.17E-04
6007174130285	600717	4130285	1.52E-07	0.152	4.91E-04
6007274130285	600727	4130285	1.45E-07	0.145	4.67E-04
6007374130285	600737	4130285	1.38E-07	0.138	4.47E-04
6007474130285	600747	4130285	1.32E-07	0.132	4.27E-04
6007574130285	600757	4130285	1.27E-07	0.127	4.10E-04
6003474130295	600347	4130295	2.83E-07	0.283	9.15E-04
6003574130295	600357	4130295	2.86E-07	0.286	9.25E-04
6003674130295	600367	4130295	2.89E-07	0.289	9.34E-04
6003774130295	600377	4130295	2.92E-07	0.292	9.43E-04
6003874130295	600387	4130295	2.94E-07	0.294	9.51E-04
6003974130295	600397	4130295	2.97E-07	0.297	9.60E-04
6004074130295	600407	4130295	3.00E-07	0.300	9.69E-04
6004174130295	600417	4130295	3.03E-07	0.303	9.79E-04
6004274130295	600427	4130295	3.07E-07	0.307	9.91E-04
6004374130295	600437	4130295	3.11E-07	0.311	1.01E-03
6004474130295	600447	4130295	3.17E-07	0.317	1.02E-03
6004574130295	600457	4130295	3.24E-07	0.324	1.05E-03
6004674130295	600467	4130295	3.34E-07	0.334	1.08E-03
6004774130295	600477	4130295	3.46E-07	0.346	1.12E-03
6004874130295	600487	4130295	3.62E-07	0.362	1.17E-03
6004974130295	600497	4130295	3.82E-07	0.382	1.23E-03
6005074130295	600507	4130295	4.08E-07	0.408	1.32E-03
6005174130295	600517	4130295	4.42E-07	0.442	1.43E-03
6005274130295	600527	4130295	4.87E-07	0.487	1.57E-03
6005374130295	600537	4130295	5.43E-07	0.543	1.76E-03
6005474130295	600547	4130295	5.86E-07	0.586	1.89E-03

6005574130295	600557	4130295	5.41E-07	0.541	1.75E-03
6005674130295	600567	4130295	4.67E-07	0.467	1.51E-03
6005774130295	600577	4130295	4.10E-07	0.410	1.32E-03
6005874130295	600587	4130295	3.63E-07	0.363	1.17E-03
6005974130295	600597	4130295	3.26E-07	0.326	1.05E-03
6006074130295	600607	4130295	2.95E-07	0.295	9.55E-04
6006174130295	600617	4130295	2.71E-07	0.271	8.75E-04
6006274130295	600627	4130295	2.49E-07	0.249	8.06E-04
6006374130295	600637	4130295	2.30E-07	0.230	7.45E-04
6006474130295	600647	4130295	2.14E-07	0.214	6.93E-04
6006574130295	600657	4130295	2.00E-07	0.200	6.47E-04
6006674130295	600667	4130295	1.88E-07	0.188	6.07E-04
6006774130295	600677	4130295	1.76E-07	0.176	5.70E-04
6006874130295	600687	4130295	1.67E-07	0.167	5.38E-04
6006974130295	600697	4130295	1.58E-07	0.158	5.09E-04
6007074130295	600707	4130295	1.50E-07	0.150	4.84E-04
6007174130295	600717	4130295	1.43E-07	0.143	4.61E-04
6007274130295	600727	4130295	1.36E-07	0.136	4.40E-04
6007374130295	600737	4130295	1.30E-07	0.130	4.21E-04
6007474130295	600747	4130295	1.25E-07	0.125	4.04E-04
6003574130305	600357	4130305	2.71E-07	0.271	8.74E-04
6003674130305	600367	4130305	2.73E-07	0.273	8.81E-04
6003774130305	600377	4130305	2.75E-07	0.275	8.88E-04
6003874130305	600387	4130305	2.77E-07	0.277	8.94E-04
6003974130305	600397	4130305	2.79E-07	0.279	9.01E-04
6004074130305	600407	4130305	2.81E-07	0.281	9.08E-04
6004174130305	600417	4130305	2.83E-07	0.283	9.16E-04
6004274130305	600427	4130305	2.86E-07	0.286	9.25E-04
6004374130305	600437	4130305	2.90E-07	0.290	9.36E-04
6004474130305	600447	4130305	2.94E-07	0.294	9.50E-04
6004574130305	600457	4130305	3.00E-07	0.300	9.68E-04
6004674130305	600467	4130305	3.07E-07	0.307	9.91E-04
6004774130305	600477	4130305	3.15E-07	0.315	1.02E-03
6004874130305	600487	4130305	3.26E-07	0.326	1.05E-03
6004974130305	600497	4130305	3.40E-07	0.340	1.10E-03
6005074130305	600507	4130305	3.56E-07	0.356	1.15E-03
6005174130305	600517	4130305	3.75E-07	0.375	1.21E-03
6005274130305	600527	4130305	3.96E-07	0.396	1.28E-03
6005374130305	600537	4130305	4.13E-07	0.413	1.33E-03
6005474130305	600547	4130305	4.16E-07	0.416	1.35E-03
6005574130305	600557	4130305	3.98E-07	0.398	1.29E-03
6005674130305	600567	4130305	3.66E-07	0.366	1.18E-03
6005774130305	600577	4130305	3.35E-07	0.335	1.08E-03
6005874130305	600587	4130305	3.07E-07	0.307	9.92E-04
6005974130305	600597	4130305	2.82E-07	0.282	9.12E-04
6006074130305	600607	4130305	2.60E-07	0.260	8.42E-04
6006174130305	600617	4130305	2.41E-07	0.241	7.80E-04
6006274130305	600627	4130305	2.25E-07	0.225	7.26E-04
6006374130305	600637	4130305	2.10E-07	0.210	6.78E-04
6006474130305	600647	4130305	1.97E-07	0.197	6.35E-04
6006574130305	600657	4130305	1.85E-07	0.185	5.97E-04
6006674130305	600667	4130305	1.74E-07	0.174	5.63E-04
6006774130305	600677	4130305	1.64E-07	0.164	5.31E-04
6006874130305	600687	4130305	1.55E-07	0.155	5.02E-04
6006974130305	600697	4130305	1.48E-07	0.148	4.77E-04

6007074130305	600707	4130305	1.41E-07	0.141	4.54E-04
6007174130305	600717	4130305	1.34E-07	0.134	4.34E-04
6007274130305	600727	4130305	1.28E-07	0.128	4.15E-04
6003774130315	600377	4130315	2.59E-07	0.259	8.38E-04
6003874130315	600387	4130315	2.61E-07	0.261	8.42E-04
6003974130315	600397	4130315	2.62E-07	0.262	8.47E-04
6004074130315	600407	4130315	2.64E-07	0.264	8.52E-04
6004174130315	600417	4130315	2.66E-07	0.266	8.58E-04
6004274130315	600427	4130315	2.68E-07	0.268	8.65E-04
6004374130315	600437	4130315	2.70E-07	0.270	8.73E-04
6004474130315	600447	4130315	2.73E-07	0.273	8.83E-04
6004574130315	600457	4130315	2.77E-07	0.277	8.96E-04
6004674130315	600467	4130315	2.82E-07	0.282	9.13E-04
6004774130315	600477	4130315	2.88E-07	0.288	9.32E-04
6004874130315	600487	4130315	2.96E-07	0.296	9.56E-04
6004974130315	600497	4130315	3.04E-07	0.304	9.83E-04
6005074130315	600507	4130315	3.14E-07	0.314	1.01E-03
6005174130315	600517	4130315	3.24E-07	0.324	1.05E-03
6005274130315	600527	4130315	3.32E-07	0.332	1.07E-03
6005374130315	600537	4130315	3.36E-07	0.336	1.08E-03
6005474130315	600547	4130315	3.33E-07	0.333	1.08E-03
6005574130315	600557	4130315	3.22E-07	0.322	1.04E-03
6005674130315	600567	4130315	3.05E-07	0.305	9.85E-04
6005774130315	600577	4130315	2.86E-07	0.286	9.24E-04
6005874130315	600587	4130315	2.66E-07	0.266	8.61E-04
6005974130315	600597	4130315	2.49E-07	0.249	8.05E-04
6006074130315	600607	4130315	2.33E-07	0.233	7.53E-04
6006174130315	600617	4130315	2.18E-07	0.218	7.05E-04
6006274130315	600627	4130315	2.05E-07	0.205	6.62E-04
6006374130315	600637	4130315	1.93E-07	0.193	6.23E-04
6006474130315	600647	4130315	1.82E-07	0.182	5.87E-04
6006574130315	600657	4130315	1.72E-07	0.172	5.54E-04
6006674130315	600667	4130315	1.62E-07	0.162	5.24E-04
6006774130315	600677	4130315	1.54E-07	0.154	4.97E-04
6006874130315	600687	4130315	1.46E-07	0.146	4.71E-04
6006974130315	600697	4130315	1.39E-07	0.139	4.49E-04
6007074130315	600707	4130315	1.33E-07	0.133	4.28E-04
6003974130325	600397	4130325	2.47E-07	0.247	7.98E-04
6004074130325	600407	4130325	2.48E-07	0.248	8.01E-04
6004174130325	600417	4130325	2.49E-07	0.249	8.05E-04
6004274130325	600427	4130325	2.51E-07	0.251	8.10E-04
6004374130325	600437	4130325	2.52E-07	0.252	8.16E-04
6004474130325	600447	4130325	2.55E-07	0.255	8.23E-04
6004574130325	600457	4130325	2.57E-07	0.257	8.32E-04
6004674130325	600467	4130325	2.61E-07	0.261	8.43E-04
6004774130325	600477	4130325	2.65E-07	0.265	8.55E-04
6004874130325	600487	4130325	2.69E-07	0.269	8.71E-04
6004974130325	600497	4130325	2.75E-07	0.275	8.87E-04
6005074130325	600507	4130325	2.80E-07	0.280	9.04E-04
6005174130325	600517	4130325	2.84E-07	0.284	9.17E-04
6005274130325	600527	4130325	2.86E-07	0.286	9.24E-04
6005374130325	600537	4130325	2.86E-07	0.286	9.24E-04
6005474130325	600547	4130325	2.82E-07	0.282	9.11E-04
6005574130325	600557	4130325	2.74E-07	0.274	8.84E-04
6005674130325	600567	4130325	2.63E-07	0.263	8.48E-04

6005774130325	600577	4130325	2.50E-07	0.250	8.08E-04
6005874130325	600587	4130325	2.37E-07	0.237	7.65E-04
6005974130325	600597	4130325	2.23E-07	0.223	7.22E-04
6006074130325	600607	4130325	2.11E-07	0.211	6.82E-04
6006174130325	600617	4130325	1.99E-07	0.199	6.44E-04
6006274130325	600627	4130325	1.88E-07	0.188	6.08E-04
6006374130325	600637	4130325	1.78E-07	0.178	5.75E-04
6006474130325	600647	4130325	1.69E-07	0.169	5.45E-04
6006574130325	600657	4130325	1.60E-07	0.160	5.17E-04
6006674130325	600667	4130325	1.52E-07	0.152	4.91E-04
6006774130325	600677	4130325	1.44E-07	0.144	4.66E-04
6006874130325	600687	4130325	1.37E-07	0.137	4.44E-04
6004174130335	600417	4130335	2.34E-07	0.234	7.57E-04
6004274130335	600427	4130335	2.35E-07	0.235	7.60E-04
6004374130335	600437	4130335	2.36E-07	0.236	7.63E-04
6004474130335	600447	4130335	2.38E-07	0.238	7.68E-04
6004574130335	600457	4130335	2.39E-07	0.239	7.73E-04
6004674130335	600467	4130335	2.41E-07	0.241	7.80E-04
6004774130335	600477	4130335	2.44E-07	0.244	7.88E-04
6004874130335	600487	4130335	2.47E-07	0.247	7.97E-04
6004974130335	600497	4130335	2.49E-07	0.249	8.06E-04
6005074130335	600507	4130335	2.52E-07	0.252	8.13E-04
6005174130335	600517	4130335	2.53E-07	0.253	8.16E-04
6005274130335	600527	4130335	2.53E-07	0.253	8.16E-04
6005374130335	600537	4130335	2.51E-07	0.251	8.10E-04
6005474130335	600547	4130335	2.47E-07	0.247	7.97E-04
6005574130335	600557	4130335	2.40E-07	0.240	7.77E-04
6005674130335	600567	4130335	2.32E-07	0.232	7.51E-04
6005774130335	600577	4130335	2.23E-07	0.223	7.20E-04
6005874130335	600587	4130335	2.13E-07	0.213	6.87E-04
6005974130335	600597	4130335	2.03E-07	0.203	6.55E-04
6006074130335	600607	4130335	1.93E-07	0.193	6.23E-04
6006174130335	600617	4130335	1.83E-07	0.183	5.93E-04
6006274130335	600627	4130335	1.74E-07	0.174	5.63E-04
6006374130335	600637	4130335	1.66E-07	0.166	5.35E-04
6006474130335	600647	4130335	1.58E-07	0.158	5.09E-04
6006574130335	600657	4130335	1.50E-07	0.150	4.84E-04
6006674130335	600667	4130335	1.43E-07	0.143	4.61E-04
6004474130345	600447	4130345	2.22E-07	0.222	7.18E-04
6004574130345	600457	4130345	2.23E-07	0.223	7.21E-04
6004674130345	600467	4130345	2.24E-07	0.224	7.24E-04
6004774130345	600477	4130345	2.26E-07	0.226	7.29E-04
6004874130345	600487	4130345	2.27E-07	0.227	7.33E-04
6004974130345	600497	4130345	2.28E-07	0.228	7.36E-04
6005074130345	600507	4130345	2.28E-07	0.228	7.38E-04
6005174130345	600517	4130345	2.28E-07	0.228	7.36E-04
6005274130345	600527	4130345	2.27E-07	0.227	7.33E-04
6005374130345	600537	4130345	2.24E-07	0.224	7.25E-04
6005474130345	600547	4130345	2.21E-07	0.221	7.13E-04
6005574130345	600557	4130345	2.15E-07	0.215	6.96E-04
6005674130345	600567	4130345	2.09E-07	0.209	6.75E-04
6005774130345	600577	4130345	2.01E-07	0.201	6.51E-04
6005874130345	600587	4130345	1.93E-07	0.193	6.25E-04
6005974130345	600597	4130345	1.86E-07	0.186	6.00E-04
6006074130345	600607	4130345	1.78E-07	0.178	5.74E-04

6006174130345	600617	4130345	1.70E-07	0.170	5.48E-04
6006274130345	600627	4130345	1.62E-07	0.162	5.24E-04
6005074130355	600507	4130355	2.09E-07	0.209	6.75E-04
6005174130355	600517	4130355	2.08E-07	0.208	6.72E-04
6005274130355	600527	4130355	2.06E-07	0.206	6.66E-04
6005374130355	600537	4130355	2.03E-07	0.203	6.58E-04
6005474130355	600547	4130355	2.00E-07	0.200	6.47E-04
6005574130355	600557	4130355	1.96E-07	0.196	6.33E-04
6005674130355	600567	4130355	1.90E-07	0.190	6.15E-04
6005774130355	600577	4130355	1.84E-07	0.184	5.96E-04
5997544130031	599754	4130031	3.66E-08	0.037	1.18E-04
5997644130031	599764	4130031	3.76E-08	0.038	1.22E-04
5997744130031	599774	4130031	3.86E-08	0.039	1.25E-04
5997844130031	599784	4130031	3.97E-08	0.040	1.28E-04
5997944130031	599794	4130031	4.07E-08	0.041	1.32E-04
5997544130041	599754	4130041	3.76E-08	0.038	1.22E-04
5997644130041	599764	4130041	3.86E-08	0.039	1.25E-04
5997744130041	599774	4130041	3.97E-08	0.040	1.28E-04
5997844130041	599784	4130041	4.08E-08	0.041	1.32E-04
5997944130041	599794	4130041	4.19E-08	0.042	1.36E-04
5998044130041	599804	4130041	4.31E-08	0.043	1.39E-04
5997544130051	599754	4130051	3.87E-08	0.039	1.25E-04
5997644130051	599764	4130051	3.97E-08	0.040	1.28E-04
5997744130051	599774	4130051	4.08E-08	0.041	1.32E-04
5997844130051	599784	4130051	4.19E-08	0.042	1.35E-04
5997944130051	599794	4130051	4.31E-08	0.043	1.39E-04
5998044130051	599804	4130051	4.44E-08	0.044	1.43E-04
5998144130051	599814	4130051	4.57E-08	0.046	1.48E-04
5997544130061	599754	4130061	3.97E-08	0.040	1.28E-04
5997644130061	599764	4130061	4.08E-08	0.041	1.32E-04
5997744130061	599774	4130061	4.19E-08	0.042	1.35E-04
5997844130061	599784	4130061	4.31E-08	0.043	1.39E-04
5997944130061	599794	4130061	4.43E-08	0.044	1.43E-04
5998044130061	599804	4130061	4.56E-08	0.046	1.47E-04
5998144130061	599814	4130061	4.70E-08	0.047	1.52E-04
5998244130061	599824	4130061	4.84E-08	0.048	1.56E-04
5998344130061	599834	4130061	4.99E-08	0.050	1.61E-04
5997544130071	599754	4130071	4.07E-08	0.041	1.32E-04
5997644130071	599764	4130071	4.19E-08	0.042	1.35E-04
5997744130071	599774	4130071	4.30E-08	0.043	1.39E-04
5997844130071	599784	4130071	4.43E-08	0.044	1.43E-04
5997944130071	599794	4130071	4.55E-08	0.046	1.47E-04
5998044130071	599804	4130071	4.69E-08	0.047	1.52E-04
5998144130071	599814	4130071	4.83E-08	0.048	1.56E-04
5998244130071	599824	4130071	4.98E-08	0.050	1.61E-04
5998344130071	599834	4130071	5.13E-08	0.051	1.66E-04
5998444130071	599844	4130071	5.29E-08	0.053	1.71E-04
5997544130081	599754	4130081	4.18E-08	0.042	1.35E-04
5997644130081	599764	4130081	4.30E-08	0.043	1.39E-04
5997744130081	599774	4130081	4.42E-08	0.044	1.43E-04
5997844130081	599784	4130081	4.55E-08	0.045	1.47E-04
5997944130081	599794	4130081	4.68E-08	0.047	1.51E-04
5998044130081	599804	4130081	4.82E-08	0.048	1.56E-04
5998144130081	599814	4130081	4.96E-08	0.050	1.60E-04
5998244130081	599824	4130081	5.12E-08	0.051	1.65E-04

5998344130081	599834	4130081	5.28E-08	0.053	1.71E-04
5998444130081	599844	4130081	5.45E-08	0.054	1.76E-04
5998544130081	599854	4130081	5.62E-08	0.056	1.82E-04
5997544130091	599754	4130091	4.29E-08	0.043	1.39E-04
5997644130091	599764	4130091	4.41E-08	0.044	1.42E-04
5997744130091	599774	4130091	4.53E-08	0.045	1.47E-04
5997844130091	599784	4130091	4.66E-08	0.047	1.51E-04
5997944130091	599794	4130091	4.80E-08	0.048	1.55E-04
5998044130091	599804	4130091	4.95E-08	0.049	1.60E-04
5998144130091	599814	4130091	5.10E-08	0.051	1.65E-04
5998244130091	599824	4130091	5.26E-08	0.053	1.70E-04
5998344130091	599834	4130091	5.42E-08	0.054	1.75E-04
5998444130091	599844	4130091	5.60E-08	0.056	1.81E-04
5998544130091	599854	4130091	5.78E-08	0.058	1.87E-04
5998644130091	599864	4130091	5.97E-08	0.060	1.93E-04
5997544130101	599754	4130101	4.40E-08	0.044	1.42E-04
5997644130101	599764	4130101	4.52E-08	0.045	1.46E-04
5997744130101	599774	4130101	4.65E-08	0.046	1.50E-04
5997844130101	599784	4130101	4.78E-08	0.048	1.55E-04
5997944130101	599794	4130101	4.93E-08	0.049	1.59E-04
5998044130101	599804	4130101	5.08E-08	0.051	1.64E-04
5998144130101	599814	4130101	5.23E-08	0.052	1.69E-04
5998244130101	599824	4130101	5.39E-08	0.054	1.74E-04
5998344130101	599834	4130101	5.57E-08	0.056	1.80E-04
5998444130101	599844	4130101	5.75E-08	0.057	1.86E-04
5998544130101	599854	4130101	5.94E-08	0.059	1.92E-04
5998644130101	599864	4130101	6.14E-08	0.061	1.98E-04
5998744130101	599874	4130101	6.35E-08	0.063	2.05E-04
5998844130101	599884	4130101	6.57E-08	0.066	2.12E-04
5997544130111	599754	4130111	4.51E-08	0.045	1.46E-04
5997644130111	599764	4130111	4.63E-08	0.046	1.50E-04
5997744130111	599774	4130111	4.77E-08	0.048	1.54E-04
5997844130111	599784	4130111	4.91E-08	0.049	1.59E-04
5997944130111	599794	4130111	5.05E-08	0.051	1.63E-04
5998044130111	599804	4130111	5.20E-08	0.052	1.68E-04
5998144130111	599814	4130111	5.36E-08	0.054	1.73E-04
5998244130111	599824	4130111	5.53E-08	0.055	1.79E-04
5998344130111	599834	4130111	5.71E-08	0.057	1.85E-04
5998444130111	599844	4130111	5.90E-08	0.059	1.91E-04
5998544130111	599854	4130111	6.09E-08	0.061	1.97E-04
5998644130111	599864	4130111	6.30E-08	0.063	2.04E-04
5998744130111	599874	4130111	6.51E-08	0.065	2.11E-04
5998844130111	599884	4130111	6.74E-08	0.067	2.18E-04
5998944130111	599894	4130111	6.99E-08	0.070	2.26E-04
5997544130121	599754	4130121	4.61E-08	0.046	1.49E-04
5997644130121	599764	4130121	4.74E-08	0.047	1.53E-04
5997744130121	599774	4130121	4.88E-08	0.049	1.58E-04
5997844130121	599784	4130121	5.03E-08	0.050	1.62E-04
5997944130121	599794	4130121	5.18E-08	0.052	1.67E-04
5998044130121	599804	4130121	5.33E-08	0.053	1.72E-04
5998144130121	599814	4130121	5.50E-08	0.055	1.78E-04
5998244130121	599824	4130121	5.67E-08	0.057	1.83E-04
5998344130121	599834	4130121	5.85E-08	0.059	1.89E-04
5998444130121	599844	4130121	6.04E-08	0.060	1.95E-04
5998544130121	599854	4130121	6.25E-08	0.062	2.02E-04



5998644130121	599864	4130121	6.46E-08	0.065	2.09E-04
5998744130121	599874	4130121	6.68E-08	0.067	2.16E-04
5998844130121	599884	4130121	6.92E-08	0.069	2.23E-04
5998944130121	599894	4130121	7.16E-08	0.072	2.31E-04
5999044130121	599904	4130121	7.42E-08	0.074	2.40E-04
5997544130131	599754	4130131	4.72E-08	0.047	1.53E-04
5997644130131	599764	4130131	4.86E-08	0.049	1.57E-04
5997744130131	599774	4130131	5.00E-08	0.050	1.61E-04
5997844130131	599784	4130131	5.14E-08	0.051	1.66E-04
5997944130131	599794	4130131	5.30E-08	0.053	1.71E-04
5998044130131	599804	4130131	5.46E-08	0.055	1.76E-04
5998144130131	599814	4130131	5.63E-08	0.056	1.82E-04
5998244130131	599824	4130131	5.81E-08	0.058	1.88E-04
5998344130131	599834	4130131	6.00E-08	0.060	1.94E-04
5998444130131	599844	4130131	6.19E-08	0.062	2.00E-04
5998544130131	599854	4130131	6.40E-08	0.064	2.07E-04
5998644130131	599864	4130131	6.61E-08	0.066	2.14E-04
5998744130131	599874	4130131	6.84E-08	0.068	2.21E-04
5998844130131	599884	4130131	7.08E-08	0.071	2.29E-04
5998944130131	599894	4130131	7.34E-08	0.073	2.37E-04
5999044130131	599904	4130131	7.60E-08	0.076	2.46E-04
5999144130131	599914	4130131	7.89E-08	0.079	2.55E-04
5997544130141	599754	4130141	4.83E-08	0.048	1.56E-04
5997644130141	599764	4130141	4.97E-08	0.050	1.60E-04
5997744130141	599774	4130141	5.11E-08	0.051	1.65E-04
5997844130141	599784	4130141	5.26E-08	0.053	1.70E-04
5997944130141	599794	4130141	5.42E-08	0.054	1.75E-04
5998044130141	599804	4130141	5.59E-08	0.056	1.81E-04
5998144130141	599814	4130141	5.76E-08	0.058	1.86E-04
5998244130141	599824	4130141	5.94E-08	0.059	1.92E-04
5998344130141	599834	4130141	6.13E-08	0.061	1.98E-04
5998444130141	599844	4130141	6.33E-08	0.063	2.05E-04
5998544130141	599854	4130141	6.55E-08	0.065	2.12E-04
5998644130141	599864	4130141	6.77E-08	0.068	2.19E-04
5998744130141	599874	4130141	7.00E-08	0.070	2.26E-04
5998844130141	599884	4130141	7.25E-08	0.072	2.34E-04
5998944130141	599894	4130141	7.51E-08	0.075	2.43E-04
5999044130141	599904	4130141	7.78E-08	0.078	2.51E-04
5999144130141	599914	4130141	8.07E-08	0.081	2.61E-04
5999244130141	599924	4130141	8.38E-08	0.084	2.71E-04
5997544130151	599754	4130151	4.93E-08	0.049	1.59E-04
5997644130151	599764	4130151	5.07E-08	0.051	1.64E-04
5997744130151	599774	4130151	5.22E-08	0.052	1.69E-04
5997844130151	599784	4130151	5.38E-08	0.054	1.74E-04
5997944130151	599794	4130151	5.54E-08	0.055	1.79E-04
5998044130151	599804	4130151	5.71E-08	0.057	1.85E-04
5998144130151	599814	4130151	5.89E-08	0.059	1.90E-04
5998244130151	599824	4130151	6.07E-08	0.061	1.96E-04
5998344130151	599834	4130151	6.27E-08	0.063	2.03E-04
5998444130151	599844	4130151	6.47E-08	0.065	2.09E-04
5998544130151	599854	4130151	6.69E-08	0.067	2.16E-04
5998644130151	599864	4130151	6.92E-08	0.069	2.23E-04
5998744130151	599874	4130151	7.15E-08	0.072	2.31E-04
5998844130151	599884	4130151	7.40E-08	0.074	2.39E-04
5998944130151	599894	4130151	7.67E-08	0.077	2.48E-04

5999044130151	599904	4130151	7.95E-08	0.079	2.57E-04
5999144130151	599914	4130151	8.24E-08	0.082	2.66E-04
5999244130151	599924	4130151	8.55E-08	0.086	2.76E-04
5999344130151	599934	4130151	8.88E-08	0.089	2.87E-04
5999444130151	599944	4130151	9.24E-08	0.092	2.98E-04
5997544130161	599754	4130161	5.04E-08	0.050	1.63E-04
5997644130161	599764	4130161	5.18E-08	0.052	1.67E-04
5997744130161	599774	4130161	5.33E-08	0.053	1.72E-04
5997844130161	599784	4130161	5.49E-08	0.055	1.77E-04
5997944130161	599794	4130161	5.65E-08	0.057	1.83E-04
5998044130161	599804	4130161	5.83E-08	0.058	1.88E-04
5998144130161	599814	4130161	6.01E-08	0.060	1.94E-04
5998244130161	599824	4130161	6.20E-08	0.062	2.00E-04
5998344130161	599834	4130161	6.40E-08	0.064	2.07E-04
5998444130161	599844	4130161	6.61E-08	0.066	2.14E-04
5998544130161	599854	4130161	6.83E-08	0.068	2.21E-04
5998644130161	599864	4130161	7.06E-08	0.071	2.28E-04
5998744130161	599874	4130161	7.30E-08	0.073	2.36E-04
5998844130161	599884	4130161	7.56E-08	0.076	2.44E-04
5998944130161	599894	4130161	7.82E-08	0.078	2.53E-04
5999044130161	599904	4130161	8.10E-08	0.081	2.62E-04
5999144130161	599914	4130161	8.41E-08	0.084	2.72E-04
5999244130161	599924	4130161	8.72E-08	0.087	2.82E-04
5999344130161	599934	4130161	9.05E-08	0.091	2.93E-04
5999444130161	599944	4130161	9.41E-08	0.094	3.04E-04
5999544130161	599954	4130161	9.78E-08	0.098	3.16E-04
5997544130171	599754	4130171	5.14E-08	0.051	1.66E-04
5997644130171	599764	4130171	5.28E-08	0.053	1.71E-04
5997744130171	599774	4130171	5.44E-08	0.054	1.76E-04
5997844130171	599784	4130171	5.60E-08	0.056	1.81E-04
5997944130171	599794	4130171	5.77E-08	0.058	1.86E-04
5998044130171	599804	4130171	5.94E-08	0.059	1.92E-04
5998144130171	599814	4130171	6.13E-08	0.061	1.98E-04
5998244130171	599824	4130171	6.32E-08	0.063	2.04E-04
5998344130171	599834	4130171	6.53E-08	0.065	2.11E-04
5998444130171	599844	4130171	6.74E-08	0.067	2.18E-04
5998544130171	599854	4130171	6.96E-08	0.070	2.25E-04
5998644130171	599864	4130171	7.19E-08	0.072	2.32E-04
5998744130171	599874	4130171	7.44E-08	0.074	2.40E-04
5998844130171	599884	4130171	7.70E-08	0.077	2.49E-04
5998944130171	599894	4130171	7.97E-08	0.080	2.58E-04
5999044130171	599904	4130171	8.25E-08	0.083	2.67E-04
5999144130171	599914	4130171	8.56E-08	0.086	2.77E-04
5999244130171	599924	4130171	8.88E-08	0.089	2.87E-04
5999344130171	599934	4130171	9.21E-08	0.092	2.98E-04
5999444130171	599944	4130171	9.57E-08	0.096	3.09E-04
5999544130171	599954	4130171	9.94E-08	0.099	3.21E-04
5999644130171	599964	4130171	1.03E-07	0.103	3.34E-04
5997544130181	599754	4130181	5.24E-08	0.052	1.69E-04
5997644130181	599764	4130181	5.39E-08	0.054	1.74E-04
5997744130181	599774	4130181	5.54E-08	0.055	1.79E-04
5997844130181	599784	4130181	5.71E-08	0.057	1.84E-04
5997944130181	599794	4130181	5.88E-08	0.059	1.90E-04
5998044130181	599804	4130181	6.06E-08	0.061	1.96E-04
5998144130181	599814	4130181	6.25E-08	0.062	2.02E-04

5998244130181	599824	4130181	6.44E-08	0.064	2.08E-04
5998344130181	599834	4130181	6.65E-08	0.066	2.15E-04
5998444130181	599844	4130181	6.86E-08	0.069	2.22E-04
5998544130181	599854	4130181	7.09E-08	0.071	2.29E-04
5998644130181	599864	4130181	7.32E-08	0.073	2.37E-04
5998744130181	599874	4130181	7.57E-08	0.076	2.45E-04
5998844130181	599884	4130181	7.83E-08	0.078	2.53E-04
5998944130181	599894	4130181	8.11E-08	0.081	2.62E-04
5999044130181	599904	4130181	8.40E-08	0.084	2.71E-04
5999144130181	599914	4130181	8.70E-08	0.087	2.81E-04
5999244130181	599924	4130181	9.02E-08	0.090	2.91E-04
5999344130181	599934	4130181	9.36E-08	0.094	3.02E-04
5999444130181	599944	4130181	9.71E-08	0.097	3.14E-04
5999544130181	599954	4130181	1.01E-07	0.101	3.26E-04
5999644130181	599964	4130181	1.05E-07	0.105	3.39E-04
5999744130181	599974	4130181	1.09E-07	0.109	3.52E-04
5997644130191	599764	4130191	5.49E-08	0.055	1.77E-04
5997744130191	599774	4130191	5.65E-08	0.056	1.83E-04
5997844130191	599784	4130191	5.81E-08	0.058	1.88E-04
5997944130191	599794	4130191	5.99E-08	0.060	1.93E-04
5998044130191	599804	4130191	6.17E-08	0.062	1.99E-04
5998144130191	599814	4130191	6.36E-08	0.064	2.06E-04
5998244130191	599824	4130191	6.56E-08	0.066	2.12E-04
5998344130191	599834	4130191	6.77E-08	0.068	2.19E-04
5998444130191	599844	4130191	6.98E-08	0.070	2.26E-04
5998544130191	599854	4130191	7.21E-08	0.072	2.33E-04
5998644130191	599864	4130191	7.45E-08	0.074	2.41E-04
5998744130191	599874	4130191	7.70E-08	0.077	2.49E-04
5998844130191	599884	4130191	7.96E-08	0.080	2.57E-04
5998944130191	599894	4130191	8.24E-08	0.082	2.66E-04
5999044130191	599904	4130191	8.53E-08	0.085	2.76E-04
5999144130191	599914	4130191	8.83E-08	0.088	2.85E-04
5999244130191	599924	4130191	9.15E-08	0.091	2.96E-04
5999344130191	599934	4130191	9.49E-08	0.095	3.07E-04
5999444130191	599944	4130191	9.85E-08	0.098	3.18E-04
5999544130191	599954	4130191	1.02E-07	0.102	3.30E-04
5999644130191	599964	4130191	1.06E-07	0.106	3.43E-04
5999744130191	599974	4130191	1.10E-07	0.110	3.56E-04
5999844130191	599984	4130191	1.15E-07	0.115	3.71E-04
5999944130191	599994	4130191	1.19E-07	0.119	3.86E-04
5997744130201	599774	4130201	5.75E-08	0.057	1.86E-04
5997844130201	599784	4130201	5.92E-08	0.059	1.91E-04
5997944130201	599794	4130201	6.09E-08	0.061	1.97E-04
5998044130201	599804	4130201	6.28E-08	0.063	2.03E-04
5998144130201	599814	4130201	6.47E-08	0.065	2.09E-04
5998244130201	599824	4130201	6.67E-08	0.067	2.15E-04
5998344130201	599834	4130201	6.88E-08	0.069	2.22E-04
5998444130201	599844	4130201	7.09E-08	0.071	2.29E-04
5998544130201	599854	4130201	7.32E-08	0.073	2.37E-04
5998644130201	599864	4130201	7.56E-08	0.076	2.44E-04
5998744130201	599874	4130201	7.82E-08	0.078	2.53E-04
5998844130201	599884	4130201	8.08E-08	0.081	2.61E-04
5998944130201	599894	4130201	8.35E-08	0.084	2.70E-04
5999044130201	599904	4130201	8.64E-08	0.086	2.79E-04
5999144130201	599914	4130201	8.95E-08	0.090	2.89E-04

5999244130201	599924	4130201	9.27E-08	0.093	3.00E-04
5999344130201	599934	4130201	9.60E-08	0.096	3.10E-04
5999444130201	599944	4130201	9.96E-08	0.100	3.22E-04
5999544130201	599954	4130201	1.03E-07	0.103	3.34E-04
5999644130201	599964	4130201	1.07E-07	0.107	3.46E-04
5999744130201	599974	4130201	1.11E-07	0.111	3.60E-04
5999844130201	599984	4130201	1.16E-07	0.116	3.74E-04
5997844130211	599784	4130211	6.01E-08	0.060	1.94E-04
5997944130211	599794	4130211	6.19E-08	0.062	2.00E-04
5998044130211	599804	4130211	6.38E-08	0.064	2.06E-04
5998144130211	599814	4130211	6.57E-08	0.066	2.12E-04
5998244130211	599824	4130211	6.77E-08	0.068	2.19E-04
5998344130211	599834	4130211	6.98E-08	0.070	2.26E-04
5998444130211	599844	4130211	7.20E-08	0.072	2.33E-04
5998544130211	599854	4130211	7.43E-08	0.074	2.40E-04
5998644130211	599864	4130211	7.67E-08	0.077	2.48E-04
5998744130211	599874	4130211	7.92E-08	0.079	2.56E-04
5998844130211	599884	4130211	8.19E-08	0.082	2.65E-04
5998944130211	599894	4130211	8.47E-08	0.085	2.74E-04
5999044130211	599904	4130211	8.75E-08	0.088	2.83E-04
5999144130211	599914	4130211	9.06E-08	0.091	2.93E-04
5999244130211	599924	4130211	9.38E-08	0.094	3.03E-04
5999344130211	599934	4130211	9.71E-08	0.097	3.14E-04
5999444130211	599944	4130211	1.01E-07	0.101	3.25E-04
5999544130211	599954	4130211	1.04E-07	0.104	3.37E-04
5999644130211	599964	4130211	1.08E-07	0.108	3.49E-04
5999744130211	599974	4130211	1.12E-07	0.112	3.63E-04
5999844130211	599984	4130211	1.16E-07	0.116	3.76E-04
5997944130221	599794	4130221	6.29E-08	0.063	2.03E-04
5998044130221	599804	4130221	6.47E-08	0.065	2.09E-04
5998144130221	599814	4130221	6.66E-08	0.067	2.15E-04
5998244130221	599824	4130221	6.87E-08	0.069	2.22E-04
5998344130221	599834	4130221	7.08E-08	0.071	2.29E-04
5998444130221	599844	4130221	7.30E-08	0.073	2.36E-04
5998544130221	599854	4130221	7.53E-08	0.075	2.43E-04
5998644130221	599864	4130221	7.77E-08	0.078	2.51E-04
5998744130221	599874	4130221	8.02E-08	0.080	2.59E-04
5998844130221	599884	4130221	8.29E-08	0.083	2.68E-04
5998944130221	599894	4130221	8.56E-08	0.086	2.77E-04
5999044130221	599904	4130221	8.85E-08	0.089	2.86E-04
5999144130221	599914	4130221	9.16E-08	0.092	2.96E-04
5999244130221	599924	4130221	9.47E-08	0.095	3.06E-04
5999344130221	599934	4130221	9.80E-08	0.098	3.17E-04
5999444130221	599944	4130221	1.01E-07	0.101	3.28E-04
5999544130221	599954	4130221	1.05E-07	0.105	3.40E-04
5999644130221	599964	4130221	1.09E-07	0.109	3.52E-04
5999744130221	599974	4130221	1.13E-07	0.113	3.65E-04
5998044130231	599804	4130231	6.56E-08	0.066	2.12E-04
5998144130231	599814	4130231	6.75E-08	0.068	2.18E-04
5998244130231	599824	4130231	6.96E-08	0.070	2.25E-04
5998344130231	599834	4130231	7.17E-08	0.072	2.32E-04
5998444130231	599844	4130231	7.39E-08	0.074	2.39E-04
5998544130231	599854	4130231	7.62E-08	0.076	2.46E-04
5998644130231	599864	4130231	7.86E-08	0.079	2.54E-04
5998744130231	599874	4130231	8.11E-08	0.081	2.62E-04

5998844130231	599884	4130231	8.38E-08	0.084	2.71E-04
5998944130231	599894	4130231	8.65E-08	0.087	2.80E-04
5999044130231	599904	4130231	8.94E-08	0.089	2.89E-04
5999144130231	599914	4130231	9.24E-08	0.092	2.99E-04
5999244130231	599924	4130231	9.55E-08	0.096	3.09E-04
5999344130231	599934	4130231	9.88E-08	0.099	3.19E-04
5999444130231	599944	4130231	1.02E-07	0.102	3.30E-04
5999544130231	599954	4130231	1.06E-07	0.106	3.42E-04
5999644130231	599964	4130231	1.10E-07	0.110	3.54E-04
5998244130241	599824	4130241	7.04E-08	0.070	2.28E-04
5998344130241	599834	4130241	7.25E-08	0.073	2.34E-04
5998444130241	599844	4130241	7.47E-08	0.075	2.42E-04
5998544130241	599854	4130241	7.70E-08	0.077	2.49E-04
5998644130241	599864	4130241	7.95E-08	0.079	2.57E-04
5998744130241	599874	4130241	8.20E-08	0.082	2.65E-04
5998844130241	599884	4130241	8.46E-08	0.085	2.73E-04
5998944130241	599894	4130241	8.73E-08	0.087	2.82E-04
5999044130241	599904	4130241	9.01E-08	0.090	2.91E-04
5999144130241	599914	4130241	9.31E-08	0.093	3.01E-04
5999244130241	599924	4130241	9.62E-08	0.096	3.11E-04
5999344130241	599934	4130241	9.94E-08	0.099	3.21E-04
5999444130241	599944	4130241	1.03E-07	0.103	3.32E-04
5999544130241	599954	4130241	1.06E-07	0.106	3.44E-04
5999644130241	599964	4130241	1.10E-07	0.110	3.55E-04
5998344130251	599834	4130251	7.33E-08	0.073	2.37E-04
5998444130251	599844	4130251	7.55E-08	0.076	2.44E-04
5998544130251	599854	4130251	7.78E-08	0.078	2.51E-04
5998644130251	599864	4130251	8.02E-08	0.080	2.59E-04
5998744130251	599874	4130251	8.27E-08	0.083	2.67E-04
5998844130251	599884	4130251	8.53E-08	0.085	2.76E-04
5998944130251	599894	4130251	8.80E-08	0.088	2.84E-04
5999044130251	599904	4130251	9.08E-08	0.091	2.93E-04
5999144130251	599914	4130251	9.37E-08	0.094	3.03E-04
5999244130251	599924	4130251	9.67E-08	0.097	3.13E-04
5999344130251	599934	4130251	9.99E-08	0.100	3.23E-04
5999444130251	599944	4130251	1.03E-07	0.103	3.34E-04
5999544130251	599954	4130251	1.07E-07	0.107	3.45E-04
5998444130261	599844	4130261	7.62E-08	0.076	2.46E-04
5998544130261	599854	4130261	7.85E-08	0.078	2.54E-04
5998644130261	599864	4130261	8.08E-08	0.081	2.61E-04
5998744130261	599874	4130261	8.33E-08	0.083	2.69E-04
5998844130261	599884	4130261	8.59E-08	0.086	2.77E-04
5998944130261	599894	4130261	8.85E-08	0.089	2.86E-04
5999044130261	599904	4130261	9.13E-08	0.091	2.95E-04
5999144130261	599914	4130261	9.42E-08	0.094	3.04E-04
5999244130261	599924	4130261	9.72E-08	0.097	3.14E-04
5999344130261	599934	4130261	1.00E-07	0.100	3.24E-04
5999444130261	599944	4130261	1.04E-07	0.104	3.34E-04
5998544130271	599854	4130271	7.91E-08	0.079	2.55E-04
5998644130271	599864	4130271	8.14E-08	0.081	2.63E-04
5998744130271	599874	4130271	8.38E-08	0.084	2.71E-04
5998844130271	599884	4130271	8.64E-08	0.086	2.79E-04
5998944130271	599894	4130271	8.90E-08	0.089	2.88E-04
5999044130271	599904	4130271	9.17E-08	0.092	2.96E-04
5999144130271	599914	4130271	9.45E-08	0.095	3.05E-04

5999244130271	599924	4130271	9.75E-08	0.097	3.15E-04
5999344130271	599934	4130271	1.01E-07	0.101	3.25E-04
5999444130271	599944	4130271	1.04E-07	0.104	3.35E-04
5998644130281	599864	4130281	8.19E-08	0.082	2.65E-04
5998744130281	599874	4130281	8.43E-08	0.084	2.72E-04
5998844130281	599884	4130281	8.68E-08	0.087	2.80E-04
5998944130281	599894	4130281	8.93E-08	0.089	2.89E-04
5999044130281	599904	4130281	9.20E-08	0.092	2.97E-04
5999144130281	599914	4130281	9.48E-08	0.095	3.06E-04
5999244130281	599924	4130281	9.77E-08	0.098	3.16E-04
5999344130281	599934	4130281	1.01E-07	0.101	3.25E-04
5998844130291	599884	4130291	8.70E-08	0.087	2.81E-04
5998944130291	599894	4130291	8.96E-08	0.090	2.89E-04
5999044130291	599904	4130291	9.22E-08	0.092	2.98E-04
5999144130291	599914	4130291	9.49E-08	0.095	3.07E-04
5999244130291	599924	4130291	9.77E-08	0.098	3.16E-04
5998944130301	599894	4130301	8.97E-08	0.090	2.90E-04
5999044130301	599904	4130301	9.23E-08	0.092	2.98E-04
5999144130301	599914	4130301	9.49E-08	0.095	3.07E-04
5999244130301	599924	4130301	9.77E-08	0.098	3.16E-04
5999044130311	599904	4130311	9.23E-08	0.092	2.98E-04
5999144130311	599914	4130311	9.49E-08	0.095	3.07E-04
600476.114129997.43	600476.11	4129997.43	2.11E-06	2.108	6.81E-03
600542.034129901.18	600542.03	4129901.18	1.56E-06	1.555	5.03E-03
600613.194129963.35	600613.19	4129963.35	3.60E-06	3.602	1.16E-02
600542.44130050.24	600542.4	4130050.24	1.60E-06	1.603	5.18E-03

**Cumulative Worker Risk Summary**

Receptor Type	Cancer Risk (per million)	Chronic HI	Annual PM2.5 (ug/m <sup>3</sup> )
Worker	8.53	0.04	0.11
BAAQMD Threshold	100	10.0	0.80
<b>Exceeds Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>

**Cancer Risk**

XY	X	Y	Project Cancer Risk Summary	Project Cancer Risk (per million)	Cumulative Sources Cancer (per million)
6005174129595	600517	4129595	7.83E-08	0.078	1.700
6005274129595	600527	4129595	8.23E-08	0.082	1.700
6005374129595	600537	4129595	8.63E-08	0.086	1.700
6005474129595	600547	4129595	9.03E-08	0.090	1.700
6005574129595	600557	4129595	9.44E-08	0.094	1.700
6005674129595	600567	4129595	9.84E-08	0.098	1.700
6004574129605	600457	4129605	5.92E-08	0.059	1.700
6004674129605	600467	4129605	6.26E-08	0.063	1.700
6004774129605	600477	4129605	6.61E-08	0.066	1.700
6004874129605	600487	4129605	6.98E-08	0.070	1.700
6004974129605	600497	4129605	7.36E-08	0.074	1.700
6005074129605	600507	4129605	7.77E-08	0.078	1.700
6005174129605	600517	4129605	8.18E-08	0.082	1.700
6005274129605	600527	4129605	8.61E-08	0.086	1.700
6005374129605	600537	4129605	9.03E-08	0.090	1.700
6005474129605	600547	4129605	9.47E-08	0.095	1.700
6005574129605	600557	4129605	9.90E-08	0.099	1.700
6005674129605	600567	4129605	1.03E-07	0.103	1.700
6005774129605	600577	4129605	1.08E-07	0.108	1.700
6005874129605	600587	4129605	1.12E-07	0.112	1.700
6005974129605	600597	4129605	1.16E-07	0.116	1.700
6006074129605	600607	4129605	1.20E-07	0.120	1.700
6006174129605	600617	4129605	1.24E-07	0.124	1.700
6006274129605	600627	4129605	1.27E-07	0.127	1.700
6004174129615	600417	4129615	4.93E-08	0.049	1.700
6004274129615	600427	4129615	5.20E-08	0.052	1.700
6004374129615	600437	4129615	5.50E-08	0.055	1.700
6004474129615	600447	4129615	5.81E-08	0.058	1.700
6004574129615	600457	4129615	6.15E-08	0.061	1.700
6004674129615	600467	4129615	6.50E-08	0.065	1.700
6004774129615	600477	4129615	6.87E-08	0.069	1.700
6004874129615	600487	4129615	7.27E-08	0.073	1.700
6004974129615	600497	4129615	7.68E-08	0.077	1.700
6005074129615	600507	4129615	8.12E-08	0.081	1.700
6005174129615	600517	4129615	8.56E-08	0.086	1.700
6005274129615	600527	4129615	9.01E-08	0.090	1.700
6005374129615	600537	4129615	9.48E-08	0.095	1.700
6005474129615	600547	4129615	9.94E-08	0.099	1.700
6005574129615	600557	4129615	1.04E-07	0.104	1.700
6005674129615	600567	4129615	1.09E-07	0.109	1.700
6005774129615	600577	4129615	1.13E-07	0.113	1.700
6005874129615	600587	4129615	1.18E-07	0.118	1.700
6005974129615	600597	4129615	1.22E-07	0.122	1.700

6006074129615	600607	4129615	1.26E-07	0.126	1.700
6006174129615	600617	4129615	1.30E-07	0.130	1.700
6006274129615	600627	4129615	1.34E-07	0.134	1.700
6006374129615	600637	4129615	1.37E-07	0.137	1.700
6006474129615	600647	4129615	1.40E-07	0.140	1.700
6006574129615	600657	4129615	1.43E-07	0.143	1.700
6003974129625	600397	4129625	4.57E-08	0.046	1.700
6004074129625	600407	4129625	4.82E-08	0.048	1.700
6004174129625	600417	4129625	5.09E-08	0.051	1.700
6004274129625	600427	4129625	5.38E-08	0.054	1.700
6004374129625	600437	4129625	5.69E-08	0.057	1.700
6004474129625	600447	4129625	6.02E-08	0.060	1.700
6004574129625	600457	4129625	6.38E-08	0.064	1.700
6004674129625	600467	4129625	6.76E-08	0.068	1.700
6004774129625	600477	4129625	7.16E-08	0.072	1.700
6004874129625	600487	4129625	7.58E-08	0.076	1.700
6004974129625	600497	4129625	8.03E-08	0.080	1.700
6005074129625	600507	4129625	8.49E-08	0.085	1.700
6005174129625	600517	4129625	8.96E-08	0.090	1.700
6005274129625	600527	4129625	9.45E-08	0.095	1.700
6005374129625	600537	4129625	9.95E-08	0.100	1.700
6005474129625	600547	4129625	1.04E-07	0.104	1.700
6005574129625	600557	4129625	1.10E-07	0.110	1.700
6005674129625	600567	4129625	1.15E-07	0.115	1.700
6005774129625	600577	4129625	1.19E-07	0.119	1.700
6005874129625	600587	4129625	1.24E-07	0.124	1.700
6005974129625	600597	4129625	1.29E-07	0.129	1.700
6006074129625	600607	4129625	1.33E-07	0.133	1.700
6006174129625	600617	4129625	1.37E-07	0.137	1.700
6006274129625	600627	4129625	1.41E-07	0.141	1.700
6006374129625	600637	4129625	1.45E-07	0.145	1.700
6006474129625	600647	4129625	1.48E-07	0.148	1.700
6006574129625	600657	4129625	1.51E-07	0.151	1.700
6006674129625	600667	4129625	1.54E-07	0.154	1.700
6006774129625	600677	4129625	1.56E-07	0.156	1.700
6006874129625	600687	4129625	1.58E-07	0.158	1.700
6003774129635	600377	4129635	4.26E-08	0.043	1.700
6003874129635	600387	4129635	4.47E-08	0.045	1.700
6003974129635	600397	4129635	4.71E-08	0.047	1.700
6004074129635	600407	4129635	4.97E-08	0.050	1.700
6004174129635	600417	4129635	5.25E-08	0.052	1.700
6004274129635	600427	4129635	5.56E-08	0.056	1.700
6004374129635	600437	4129635	5.89E-08	0.059	1.700
6004474129635	600447	4129635	6.25E-08	0.062	1.700
6004574129635	600457	4129635	6.63E-08	0.066	1.700
6004674129635	600467	4129635	7.04E-08	0.070	1.700
6004774129635	600477	4129635	7.46E-08	0.075	1.700
6004874129635	600487	4129635	7.92E-08	0.079	1.700
6004974129635	600497	4129635	8.40E-08	0.084	1.700
6005074129635	600507	4129635	8.89E-08	0.089	1.700
6005174129635	600517	4129635	9.40E-08	0.094	1.700
6005274129635	600527	4129635	9.93E-08	0.099	1.700
6005374129635	600537	4129635	1.05E-07	0.105	1.700
6005474129635	600547	4129635	1.10E-07	0.110	1.700
6005574129635	600557	4129635	1.15E-07	0.115	1.700



6005674129635	600567	4129635	1.21E-07	0.121	1.700
6005774129635	600577	4129635	1.26E-07	0.126	1.700
6005874129635	600587	4129635	1.31E-07	0.131	1.700
6005974129635	600597	4129635	1.36E-07	0.136	1.700
6006074129635	600607	4129635	1.41E-07	0.141	1.700
6006174129635	600617	4129635	1.45E-07	0.145	1.700
6006274129635	600627	4129635	1.49E-07	0.149	1.700
6006374129635	600637	4129635	1.53E-07	0.153	1.700
6006474129635	600647	4129635	1.56E-07	0.156	1.700
6006574129635	600657	4129635	1.59E-07	0.159	1.700
6006674129635	600667	4129635	1.62E-07	0.162	1.700
6006774129635	600677	4129635	1.64E-07	0.164	1.700
6006874129635	600687	4129635	1.66E-07	0.166	1.700
6006974129635	600697	4129635	1.68E-07	0.168	1.700
6007074129635	600707	4129635	1.69E-07	0.169	1.700
6003574129645	600357	4129645	3.99E-08	0.040	1.700
6003674129645	600367	4129645	4.18E-08	0.042	1.700
6003774129645	600377	4129645	4.38E-08	0.044	1.700
6003874129645	600387	4129645	4.61E-08	0.046	1.700
6003974129645	600397	4129645	4.85E-08	0.049	1.700
6004074129645	600407	4129645	5.13E-08	0.051	1.700
6004174129645	600417	4129645	5.42E-08	0.054	1.700
6004274129645	600427	4129645	5.75E-08	0.057	1.700
6004374129645	600437	4129645	6.10E-08	0.061	1.700
6004474129645	600447	4129645	6.48E-08	0.065	1.700
6004574129645	600457	4129645	6.89E-08	0.069	1.700
6004674129645	600467	4129645	7.32E-08	0.073	1.700
6004774129645	600477	4129645	7.78E-08	0.078	1.700
6004874129645	600487	4129645	8.28E-08	0.083	1.700
6004974129645	600497	4129645	8.78E-08	0.088	1.700
6005074129645	600507	4129645	9.32E-08	0.093	1.700
6005174129645	600517	4129645	9.88E-08	0.099	1.700
6005274129645	600527	4129645	1.04E-07	0.104	1.700
6005374129645	600537	4129645	1.10E-07	0.110	1.700
6005474129645	600547	4129645	1.16E-07	0.116	1.700
6005574129645	600557	4129645	1.22E-07	0.122	1.700
6005674129645	600567	4129645	1.28E-07	0.128	1.700
6005774129645	600577	4129645	1.33E-07	0.133	1.700
6005874129645	600587	4129645	1.39E-07	0.139	1.700
6005974129645	600597	4129645	1.44E-07	0.144	1.700
6006074129645	600607	4129645	1.49E-07	0.149	1.700
6006174129645	600617	4129645	1.54E-07	0.154	1.700
6006274129645	600627	4129645	1.58E-07	0.158	1.700
6006374129645	600637	4129645	1.62E-07	0.162	1.700
6006474129645	600647	4129645	1.65E-07	0.165	1.700
6006574129645	600657	4129645	1.68E-07	0.168	1.700
6006674129645	600667	4129645	1.71E-07	0.171	1.700
6006774129645	600677	4129645	1.73E-07	0.173	1.700
6006874129645	600687	4129645	1.75E-07	0.175	1.700
6006974129645	600697	4129645	1.77E-07	0.177	1.700
6007074129645	600707	4129645	1.78E-07	0.178	1.700
6007174129645	600717	4129645	1.79E-07	0.179	1.700
6007274129645	600727	4129645	1.80E-07	0.180	1.700
6003474129655	600347	4129655	3.93E-08	0.039	1.700
6003574129655	600357	4129655	4.11E-08	0.041	1.700

6003674129655	600367	4129655	4.30E-08	0.043	1.700
6003774129655	600377	4129655	4.51E-08	0.045	1.700
6003874129655	600387	4129655	4.75E-08	0.047	1.700
6003974129655	600397	4129655	5.01E-08	0.050	1.700
6004074129655	600407	4129655	5.29E-08	0.053	1.700
6004174129655	600417	4129655	5.60E-08	0.056	1.700
6004274129655	600427	4129655	5.94E-08	0.059	1.700
6004374129655	600437	4129655	6.32E-08	0.063	1.700
6004474129655	600447	4129655	6.73E-08	0.067	1.700
6004574129655	600457	4129655	7.17E-08	0.072	1.700
6004674129655	600467	4129655	7.63E-08	0.076	1.700
6004774129655	600477	4129655	8.12E-08	0.081	1.700
6004874129655	600487	4129655	8.65E-08	0.087	1.700
6004974129655	600497	4129655	9.20E-08	0.092	1.700
6005074129655	600507	4129655	9.79E-08	0.098	1.700
6005174129655	600517	4129655	1.04E-07	0.104	1.700
6005274129655	600527	4129655	1.10E-07	0.110	1.700
6005374129655	600537	4129655	1.16E-07	0.116	1.700
6005474129655	600547	4129655	1.23E-07	0.123	1.700
6005574129655	600557	4129655	1.29E-07	0.129	1.700
6005674129655	600567	4129655	1.35E-07	0.135	1.700
6005774129655	600577	4129655	1.41E-07	0.141	1.700
6005874129655	600587	4129655	1.47E-07	0.147	1.700
6005974129655	600597	4129655	1.52E-07	0.152	1.700
6006074129655	600607	4129655	1.58E-07	0.158	1.700
6006174129655	600617	4129655	1.63E-07	0.163	1.700
6006274129655	600627	4129655	1.67E-07	0.167	1.700
6006374129655	600637	4129655	1.71E-07	0.171	1.700
6006474129655	600647	4129655	1.75E-07	0.175	1.700
6006574129655	600657	4129655	1.78E-07	0.178	1.700
6006674129655	600667	4129655	1.81E-07	0.181	1.700
6006774129655	600677	4129655	1.83E-07	0.183	1.700
6006874129655	600687	4129655	1.85E-07	0.185	1.700
6006974129655	600697	4129655	1.87E-07	0.187	1.700
6007074129655	600707	4129655	1.88E-07	0.188	1.700
6007174129655	600717	4129655	1.89E-07	0.189	1.700
6007274129655	600727	4129655	1.90E-07	0.190	1.700
6007374129655	600737	4129655	1.90E-07	0.190	1.700
6007474129655	600747	4129655	1.90E-07	0.190	1.700
6003274129665	600327	4129665	3.75E-08	0.038	1.700
6003374129665	600337	4129665	3.89E-08	0.039	1.700
6003474129665	600347	4129665	4.05E-08	0.040	1.700
6003574129665	600357	4129665	4.23E-08	0.042	1.700
6003674129665	600367	4129665	4.43E-08	0.044	1.700
6003774129665	600377	4129665	4.65E-08	0.046	1.700
6003874129665	600387	4129665	4.89E-08	0.049	1.700
6003974129665	600397	4129665	5.16E-08	0.052	1.700
6004074129665	600407	4129665	5.46E-08	0.055	1.700
6004174129665	600417	4129665	5.79E-08	0.058	1.700
6004274129665	600427	4129665	6.16E-08	0.062	1.700
6004374129665	600437	4129665	6.56E-08	0.066	1.700
6004474129665	600447	4129665	6.99E-08	0.070	1.700
6004574129665	600457	4129665	7.46E-08	0.075	1.700
6004674129665	600467	4129665	7.96E-08	0.080	1.700
6004774129665	600477	4129665	8.50E-08	0.085	1.700

6004874129665	600487	4129665	9.07E-08	0.091	1.700
6004974129665	600497	4129665	9.67E-08	0.097	1.700
6005074129665	600507	4129665	1.03E-07	0.103	1.700
6005174129665	600517	4129665	1.09E-07	0.109	1.700
6005274129665	600527	4129665	1.16E-07	0.116	1.700
6005374129665	600537	4129665	1.23E-07	0.123	1.700
6005474129665	600547	4129665	1.30E-07	0.130	1.700
6005574129665	600557	4129665	1.36E-07	0.136	1.700
6005674129665	600567	4129665	1.43E-07	0.143	1.700
6005774129665	600577	4129665	1.50E-07	0.150	1.700
6005874129665	600587	4129665	1.56E-07	0.156	1.700
6005974129665	600597	4129665	1.62E-07	0.162	1.700
6006074129665	600607	4129665	1.68E-07	0.168	1.700
6006174129665	600617	4129665	1.73E-07	0.173	1.700
6006274129665	600627	4129665	1.77E-07	0.177	1.700
6006374129665	600637	4129665	1.82E-07	0.182	1.700
6006474129665	600647	4129665	1.85E-07	0.185	1.700
6006574129665	600657	4129665	1.89E-07	0.189	1.700
6006674129665	600667	4129665	1.91E-07	0.191	1.700
6006774129665	600677	4129665	1.94E-07	0.194	1.700
6006874129665	600687	4129665	1.96E-07	0.196	1.700
6006974129665	600697	4129665	1.97E-07	0.197	1.700
6007074129665	600707	4129665	1.99E-07	0.199	1.700
6007174129665	600717	4129665	1.99E-07	0.199	1.700
6007274129665	600727	4129665	2.00E-07	0.200	1.700
6007374129665	600737	4129665	2.00E-07	0.200	1.700
6007474129665	600747	4129665	2.01E-07	0.201	1.700
6007574129665	600757	4129665	2.01E-07	0.201	1.700
6003174129675	600317	4129675	3.73E-08	0.037	1.700
6003274129675	600327	4129675	3.87E-08	0.039	1.700
6003374129675	600337	4129675	4.01E-08	0.040	1.700
6003474129675	600347	4129675	4.18E-08	0.042	1.700
6003574129675	600357	4129675	4.36E-08	0.044	1.700
6003674129675	600367	4129675	4.56E-08	0.046	1.700
6003774129675	600377	4129675	4.79E-08	0.048	1.700
6003874129675	600387	4129675	5.05E-08	0.050	1.700
6003974129675	600397	4129675	5.33E-08	0.053	1.700
6004074129675	600407	4129675	5.64E-08	0.056	1.700
6004174129675	600417	4129675	6.00E-08	0.060	1.700
6004274129675	600427	4129675	6.39E-08	0.064	1.700
6004374129675	600437	4129675	6.82E-08	0.068	1.700
6004474129675	600447	4129675	7.28E-08	0.073	1.700
6004574129675	600457	4129675	7.78E-08	0.078	1.700
6004674129675	600467	4129675	8.31E-08	0.083	1.700
6004774129675	600477	4129675	8.89E-08	0.089	1.700
6004874129675	600487	4129675	9.51E-08	0.095	1.700
6004974129675	600497	4129675	1.01E-07	0.101	1.700
6005074129675	600507	4129675	1.08E-07	0.108	1.700
6005174129675	600517	4129675	1.15E-07	0.115	1.700
6005274129675	600527	4129675	1.23E-07	0.123	1.700
6005374129675	600537	4129675	1.30E-07	0.130	1.700
6005474129675	600547	4129675	1.37E-07	0.137	1.700
6005574129675	600557	4129675	1.45E-07	0.145	1.700
6005674129675	600567	4129675	1.52E-07	0.152	1.700
6005774129675	600577	4129675	1.59E-07	0.159	1.700

6005874129675	600587	4129675	1.66E-07	0.166	1.700
6005974129675	600597	4129675	1.72E-07	0.172	1.700
6006074129675	600607	4129675	1.78E-07	0.178	1.700
6006174129675	600617	4129675	1.84E-07	0.184	1.700
6006274129675	600627	4129675	1.88E-07	0.188	1.700
6006374129675	600637	4129675	1.93E-07	0.193	1.700
6006474129675	600647	4129675	1.97E-07	0.197	1.700
6006574129675	600657	4129675	2.00E-07	0.200	1.700
6006674129675	600667	4129675	2.03E-07	0.203	1.700
6006774129675	600677	4129675	2.05E-07	0.205	1.700
6006874129675	600687	4129675	2.07E-07	0.207	1.700
6006974129675	600697	4129675	2.09E-07	0.209	1.700
6007074129675	600707	4129675	2.10E-07	0.210	1.700
6007174129675	600717	4129675	2.11E-07	0.211	1.700
6007274129675	600727	4129675	2.11E-07	0.211	1.700
6007374129675	600737	4129675	2.11E-07	0.211	1.700
6007474129675	600747	4129675	2.12E-07	0.212	1.700
6007574129675	600757	4129675	2.11E-07	0.211	1.700
6007674129675	600767	4129675	2.11E-07	0.211	1.700
6002974129685	600297	4129685	3.62E-08	0.036	1.700
6003074129685	600307	4129685	3.73E-08	0.037	1.700
6003174129685	600317	4129685	3.85E-08	0.039	1.700
6003274129685	600327	4129685	3.99E-08	0.040	1.700
6003374129685	600337	4129685	4.14E-08	0.041	1.700
6003474129685	600347	4129685	4.31E-08	0.043	1.700
6003574129685	600357	4129685	4.50E-08	0.045	1.700
6003674129685	600367	4129685	4.71E-08	0.047	1.700
6003774129685	600377	4129685	4.95E-08	0.049	1.700
6003874129685	600387	4129685	5.21E-08	0.052	1.700
6003974129685	600397	4129685	5.50E-08	0.055	1.700
6004074129685	600407	4129685	5.84E-08	0.058	1.700
6004174129685	600417	4129685	6.22E-08	0.062	1.700
6004274129685	600427	4129685	6.63E-08	0.066	1.700
6004374129685	600437	4129685	7.08E-08	0.071	1.700
6004474129685	600447	4129685	7.57E-08	0.076	1.700
6004574129685	600457	4129685	8.11E-08	0.081	1.700
6004674129685	600467	4129685	8.68E-08	0.087	1.700
6004774129685	600477	4129685	9.31E-08	0.093	1.700
6004874129685	600487	4129685	9.97E-08	0.100	1.700
6004974129685	600497	4129685	1.07E-07	0.107	1.700
6005074129685	600507	4129685	1.14E-07	0.114	1.700
6005174129685	600517	4129685	1.22E-07	0.122	1.700
6005274129685	600527	4129685	1.30E-07	0.130	1.700
6005374129685	600537	4129685	1.38E-07	0.138	1.700
6005474129685	600547	4129685	1.46E-07	0.146	1.700
6005574129685	600557	4129685	1.54E-07	0.154	1.700
6005674129685	600567	4129685	1.62E-07	0.162	1.700
6005774129685	600577	4129685	1.69E-07	0.169	1.700
6005874129685	600587	4129685	1.77E-07	0.177	1.700
6005974129685	600597	4129685	1.84E-07	0.184	1.700
6006074129685	600607	4129685	1.90E-07	0.190	1.700
6006174129685	600617	4129685	1.96E-07	0.196	1.700
6006274129685	600627	4129685	2.01E-07	0.201	1.700
6006374129685	600637	4129685	2.05E-07	0.205	1.700
6006474129685	600647	4129685	2.09E-07	0.209	1.700

6006574129685	600657	4129685	2.13E-07	0.213	1.700
6006674129685	600667	4129685	2.16E-07	0.216	1.700
6006774129685	600677	4129685	2.18E-07	0.218	1.700
6006874129685	600687	4129685	2.20E-07	0.220	1.700
6006974129685	600697	4129685	2.21E-07	0.221	1.700
6007074129685	600707	4129685	2.22E-07	0.222	1.700
6007174129685	600717	4129685	2.23E-07	0.223	1.700
6007274129685	600727	4129685	2.23E-07	0.223	1.700
6007374129685	600737	4129685	2.24E-07	0.224	1.700
6007474129685	600747	4129685	2.23E-07	0.223	1.700
6007574129685	600757	4129685	2.23E-07	0.223	1.700
6007674129685	600767	4129685	2.23E-07	0.223	1.700
6007774129685	600777	4129685	2.22E-07	0.222	1.700
6007874129685	600787	4129685	2.21E-07	0.221	1.700
6002874129695	600287	4129695	3.64E-08	0.036	1.700
6002974129695	600297	4129695	3.74E-08	0.037	1.700
6003074129695	600307	4129695	3.85E-08	0.039	1.700
6003174129695	600317	4129695	3.98E-08	0.040	1.700
6003274129695	600327	4129695	4.12E-08	0.041	1.700
6003374129695	600337	4129695	4.27E-08	0.043	1.700
6003474129695	600347	4129695	4.45E-08	0.044	1.700
6003574129695	600357	4129695	4.64E-08	0.046	1.700
6003674129695	600367	4129695	4.86E-08	0.049	1.700
6003774129695	600377	4129695	5.11E-08	0.051	1.700
6003874129695	600387	4129695	5.38E-08	0.054	1.700
6003974129695	600397	4129695	5.69E-08	0.057	1.700
6004074129695	600407	4129695	6.05E-08	0.061	1.700
6004174129695	600417	4129695	6.44E-08	0.064	1.700
6004274129695	600427	4129695	6.88E-08	0.069	1.700
6004374129695	600437	4129695	7.36E-08	0.074	1.700
6004474129695	600447	4129695	7.89E-08	0.079	1.700
6004574129695	600457	4129695	8.46E-08	0.085	1.700
6004674129695	600467	4129695	9.08E-08	0.091	1.700
6004774129695	600477	4129695	9.76E-08	0.098	1.700
6004874129695	600487	4129695	1.05E-07	0.105	1.700
6004974129695	600497	4129695	1.12E-07	0.112	1.700
6005074129695	600507	4129695	1.21E-07	0.121	1.700
6005174129695	600517	4129695	1.29E-07	0.129	1.700
6005274129695	600527	4129695	1.38E-07	0.138	1.700
6005374129695	600537	4129695	1.46E-07	0.146	1.700
6005474129695	600547	4129695	1.55E-07	0.155	1.700
6005574129695	600557	4129695	1.64E-07	0.164	1.700
6005674129695	600567	4129695	1.73E-07	0.173	1.700
6005774129695	600577	4129695	1.81E-07	0.181	1.700
6005874129695	600587	4129695	1.89E-07	0.189	1.700
6005974129695	600597	4129695	1.96E-07	0.196	1.700
6006074129695	600607	4129695	2.03E-07	0.203	1.700
6006174129695	600617	4129695	2.09E-07	0.209	1.700
6006274129695	600627	4129695	2.14E-07	0.214	1.700
6006374129695	600637	4129695	2.19E-07	0.219	1.700
6006474129695	600647	4129695	2.23E-07	0.223	1.700
6006574129695	600657	4129695	2.27E-07	0.227	1.700
6006674129695	600667	4129695	2.29E-07	0.229	1.700
6006774129695	600677	4129695	2.32E-07	0.232	1.700
6006874129695	600687	4129695	2.33E-07	0.233	1.700

6006974129695	600697	4129695	2.35E-07	0.235	1.700
6007074129695	600707	4129695	2.36E-07	0.236	1.700
6007174129695	600717	4129695	2.36E-07	0.236	1.700
6007274129695	600727	4129695	2.37E-07	0.237	1.700
6007374129695	600737	4129695	2.37E-07	0.237	1.700
6007474129695	600747	4129695	2.36E-07	0.236	1.700
6007574129695	600757	4129695	2.36E-07	0.236	1.700
6007674129695	600767	4129695	2.35E-07	0.235	1.700
6007774129695	600777	4129695	2.35E-07	0.235	1.700
6007874129695	600787	4129695	2.34E-07	0.234	1.700
6007974129695	600797	4129695	2.33E-07	0.233	1.700
6002774129705	600277	4129705	3.68E-08	0.037	1.700
6002874129705	600287	4129705	3.77E-08	0.038	1.700
6002974129705	600297	4129705	3.87E-08	0.039	1.700
6003074129705	600307	4129705	3.99E-08	0.040	1.700
6003174129705	600317	4129705	4.11E-08	0.041	1.700
6003274129705	600327	4129705	4.26E-08	0.043	1.700
6003374129705	600337	4129705	4.41E-08	0.044	1.700
6003474129705	600347	4129705	4.59E-08	0.046	1.700
6003574129705	600357	4129705	4.80E-08	0.048	1.700
6003674129705	600367	4129705	5.02E-08	0.050	1.700
6003774129705	600377	4129705	5.28E-08	0.053	1.700
6003874129705	600387	4129705	5.57E-08	0.056	1.700
6003974129705	600397	4129705	5.89E-08	0.059	1.700
6004074129705	600407	4129705	6.27E-08	0.063	1.700
6004174129705	600417	4129705	6.68E-08	0.067	1.700
6004274129705	600427	4129705	7.14E-08	0.071	1.700
6004374129705	600437	4129705	7.66E-08	0.077	1.700
6004474129705	600447	4129705	8.22E-08	0.082	1.700
6004574129705	600457	4129705	8.83E-08	0.088	1.700
6004674129705	600467	4129705	9.51E-08	0.095	1.700
6004774129705	600477	4129705	1.02E-07	0.102	1.700
6004874129705	600487	4129705	1.10E-07	0.110	1.700
6004974129705	600497	4129705	1.19E-07	0.119	1.700
6005074129705	600507	4129705	1.28E-07	0.128	1.700
6005174129705	600517	4129705	1.37E-07	0.137	1.700
6005274129705	600527	4129705	1.46E-07	0.146	1.700
6005374129705	600537	4129705	1.56E-07	0.156	1.700
6005474129705	600547	4129705	1.66E-07	0.166	1.700
6005574129705	600557	4129705	1.75E-07	0.175	1.700
6005674129705	600567	4129705	1.84E-07	0.184	1.700
6005774129705	600577	4129705	1.93E-07	0.193	1.700
6005874129705	600587	4129705	2.02E-07	0.202	1.700
6005974129705	600597	4129705	2.10E-07	0.210	1.700
6006074129705	600607	4129705	2.17E-07	0.217	1.700
6006174129705	600617	4129705	2.23E-07	0.223	1.700
6006274129705	600627	4129705	2.29E-07	0.229	1.700
6006374129705	600637	4129705	2.34E-07	0.234	1.700
6006474129705	600647	4129705	2.38E-07	0.238	1.700
6006574129705	600657	4129705	2.41E-07	0.241	1.700
6006674129705	600667	4129705	2.44E-07	0.244	1.700
6006774129705	600677	4129705	2.47E-07	0.247	1.700
6006874129705	600687	4129705	2.48E-07	0.248	1.700
6006974129705	600697	4129705	2.50E-07	0.250	1.700
6007074129705	600707	4129705	2.50E-07	0.250	1.700

6007174129705	600717	4129705	2.51E-07	0.251	1.700
6007274129705	600727	4129705	2.51E-07	0.251	1.700
6007374129705	600737	4129705	2.51E-07	0.251	1.700
6007474129705	600747	4129705	2.51E-07	0.251	1.700
6007574129705	600757	4129705	2.50E-07	0.250	1.700
6007674129705	600767	4129705	2.49E-07	0.249	1.700
6007774129705	600777	4129705	2.48E-07	0.248	1.700
6007874129705	600787	4129705	2.47E-07	0.247	1.700
6007974129705	600797	4129705	2.46E-07	0.246	1.700
6008074129705	600807	4129705	2.44E-07	0.244	1.700
6002674129715	600267	4129715	3.74E-08	0.037	1.700
6002774129715	600277	4129715	3.82E-08	0.038	1.700
6002874129715	600287	4129715	3.92E-08	0.039	1.700
6002974129715	600297	4129715	4.02E-08	0.040	1.700
6003074129715	600307	4129715	4.13E-08	0.041	1.700
6003174129715	600317	4129715	4.26E-08	0.043	1.700
6003274129715	600327	4129715	4.40E-08	0.044	1.700
6003374129715	600337	4129715	4.57E-08	0.046	1.700
6003474129715	600347	4129715	4.75E-08	0.047	1.700
6003574129715	600357	4129715	4.96E-08	0.050	1.700
6003674129715	600367	4129715	5.19E-08	0.052	1.700
6003774129715	600377	4129715	5.46E-08	0.055	1.700
6003874129715	600387	4129715	5.76E-08	0.058	1.700
6003974129715	600397	4129715	6.10E-08	0.061	1.700
6004074129715	600407	4129715	6.49E-08	0.065	1.700
6004174129715	600417	4129715	6.93E-08	0.069	1.700
6004274129715	600427	4129715	7.42E-08	0.074	1.700
6004374129715	600437	4129715	7.96E-08	0.080	1.700
6004474129715	600447	4129715	8.56E-08	0.086	1.700
6004574129715	600457	4129715	9.24E-08	0.092	1.700
6004674129715	600467	4129715	9.97E-08	0.100	1.700
6004774129715	600477	4129715	1.08E-07	0.108	1.700
6004874129715	600487	4129715	1.16E-07	0.116	1.700
6004974129715	600497	4129715	1.26E-07	0.126	1.700
6005074129715	600507	4129715	1.35E-07	0.135	1.700
6005174129715	600517	4129715	1.45E-07	0.145	1.700
6005274129715	600527	4129715	1.56E-07	0.156	1.700
6005374129715	600537	4129715	1.66E-07	0.166	1.700
6005474129715	600547	4129715	1.77E-07	0.177	1.700
6005574129715	600557	4129715	1.87E-07	0.187	1.700
6005674129715	600567	4129715	1.98E-07	0.198	1.700
6005774129715	600577	4129715	2.07E-07	0.207	1.700
6005874129715	600587	4129715	2.16E-07	0.216	1.700
6005974129715	600597	4129715	2.25E-07	0.225	1.700
6006074129715	600607	4129715	2.33E-07	0.233	1.700
6006174129715	600617	4129715	2.39E-07	0.239	1.700
6006274129715	600627	4129715	2.46E-07	0.246	1.700
6006374129715	600637	4129715	2.51E-07	0.251	1.700
6006474129715	600647	4129715	2.55E-07	0.255	1.700
6006574129715	600657	4129715	2.58E-07	0.258	1.700
6006674129715	600667	4129715	2.61E-07	0.261	1.700
6006774129715	600677	4129715	2.63E-07	0.263	1.700
6006874129715	600687	4129715	2.65E-07	0.265	1.700
6006974129715	600697	4129715	2.66E-07	0.266	1.700
6007074129715	600707	4129715	2.67E-07	0.267	1.700

6007174129715	600717	4129715	2.67E-07	0.267	1.700
6007274129715	600727	4129715	2.67E-07	0.267	1.700
6007374129715	600737	4129715	2.67E-07	0.267	1.700
6007474129715	600747	4129715	2.66E-07	0.266	1.700
6007574129715	600757	4129715	2.65E-07	0.265	1.700
6007674129715	600767	4129715	2.64E-07	0.264	1.700
6007774129715	600777	4129715	2.63E-07	0.263	1.700
6007874129715	600787	4129715	2.62E-07	0.262	1.700
6007974129715	600797	4129715	2.60E-07	0.260	1.700
6008074129715	600807	4129715	2.58E-07	0.258	1.700
6008174129715	600817	4129715	2.56E-07	0.256	1.700
6002574129725	600257	4129725	3.81E-08	0.038	1.700
6002674129725	600267	4129725	3.89E-08	0.039	1.700
6002774129725	600277	4129725	3.98E-08	0.040	1.700
6002874129725	600287	4129725	4.07E-08	0.041	1.700
6002974129725	600297	4129725	4.17E-08	0.042	1.700
6003074129725	600307	4129725	4.29E-08	0.043	1.700
6003174129725	600317	4129725	4.42E-08	0.044	1.700
6003274129725	600327	4129725	4.57E-08	0.046	1.700
6003374129725	600337	4129725	4.73E-08	0.047	1.700
6003474129725	600347	4129725	4.92E-08	0.049	1.700
6003574129725	600357	4129725	5.13E-08	0.051	1.700
6003674129725	600367	4129725	5.37E-08	0.054	1.700
6003774129725	600377	4129725	5.65E-08	0.056	1.700
6003874129725	600387	4129725	5.97E-08	0.060	1.700
6003974129725	600397	4129725	6.32E-08	0.063	1.700
6004074129725	600407	4129725	6.73E-08	0.067	1.700
6004174129725	600417	4129725	7.20E-08	0.072	1.700
6004274129725	600427	4129725	7.71E-08	0.077	1.700
6004374129725	600437	4129725	8.28E-08	0.083	1.700
6004474129725	600447	4129725	8.95E-08	0.089	1.700
6004574129725	600457	4129725	9.67E-08	0.097	1.700
6004674129725	600467	4129725	1.05E-07	0.105	1.700
6004774129725	600477	4129725	1.13E-07	0.113	1.700
6004874129725	600487	4129725	1.23E-07	0.123	1.700
6004974129725	600497	4129725	1.33E-07	0.133	1.700
6005074129725	600507	4129725	1.44E-07	0.144	1.700
6005174129725	600517	4129725	1.55E-07	0.155	1.700
6005274129725	600527	4129725	1.66E-07	0.166	1.700
6005374129725	600537	4129725	1.78E-07	0.178	1.700
6005474129725	600547	4129725	1.90E-07	0.190	1.700
6005574129725	600557	4129725	2.01E-07	0.201	1.700
6005674129725	600567	4129725	2.12E-07	0.212	1.700
6005774129725	600577	4129725	2.23E-07	0.223	1.700
6005874129725	600587	4129725	2.33E-07	0.233	1.700
6005974129725	600597	4129725	2.42E-07	0.242	1.700
6006074129725	600607	4129725	2.50E-07	0.250	1.700
6006174129725	600617	4129725	2.58E-07	0.258	1.700
6006274129725	600627	4129725	2.64E-07	0.264	1.700
6006374129725	600637	4129725	2.69E-07	0.269	1.700
6006474129725	600647	4129725	2.73E-07	0.273	1.700
6006574129725	600657	4129725	2.77E-07	0.277	1.700
6006674129725	600667	4129725	2.80E-07	0.280	1.700
6006774129725	600677	4129725	2.82E-07	0.282	1.700
6006874129725	600687	4129725	2.83E-07	0.283	1.700



6006974129725	600697	4129725	2.84E-07	0.284	1.700
6007074129725	600707	4129725	2.84E-07	0.284	1.700
6007174129725	600717	4129725	2.84E-07	0.284	1.700
6007274129725	600727	4129725	2.84E-07	0.284	1.700
6007374129725	600737	4129725	2.84E-07	0.284	1.700
6007474129725	600747	4129725	2.83E-07	0.283	1.700
6007574129725	600757	4129725	2.82E-07	0.282	1.700
6007674129725	600767	4129725	2.80E-07	0.280	1.700
6007774129725	600777	4129725	2.79E-07	0.279	1.700
6007874129725	600787	4129725	2.77E-07	0.277	1.700
6007974129725	600797	4129725	2.75E-07	0.275	1.700
6008074129725	600807	4129725	2.73E-07	0.273	1.700
6008174129725	600817	4129725	2.71E-07	0.271	1.700
6008274129725	600827	4129725	2.69E-07	0.269	1.700
6002474129735	600247	4129735	3.89E-08	0.039	1.700
6002574129735	600257	4129735	3.97E-08	0.040	1.700
6002674129735	600267	4129735	4.05E-08	0.041	1.700
6002774129735	600277	4129735	4.14E-08	0.041	1.700
6002874129735	600287	4129735	4.24E-08	0.042	1.700
6002974129735	600297	4129735	4.34E-08	0.043	1.700
6003074129735	600307	4129735	4.46E-08	0.045	1.700
6003174129735	600317	4129735	4.60E-08	0.046	1.700
6003274129735	600327	4129735	4.74E-08	0.047	1.700
6003374129735	600337	4129735	4.91E-08	0.049	1.700
6003474129735	600347	4129735	5.10E-08	0.051	1.700
6003574129735	600357	4129735	5.32E-08	0.053	1.700
6003674129735	600367	4129735	5.57E-08	0.056	1.700
6003774129735	600377	4129735	5.85E-08	0.059	1.700
6003874129735	600387	4129735	6.18E-08	0.062	1.700
6003974129735	600397	4129735	6.56E-08	0.066	1.700
6004074129735	600407	4129735	6.99E-08	0.070	1.700
6004174129735	600417	4129735	7.48E-08	0.075	1.700
6004274129735	600427	4129735	8.03E-08	0.080	1.700
6004374129735	600437	4129735	8.65E-08	0.086	1.700
6004474129735	600447	4129735	9.35E-08	0.094	1.700
6004574129735	600457	4129735	1.01E-07	0.101	1.700
6004674129735	600467	4129735	1.10E-07	0.110	1.700
6004774129735	600477	4129735	1.20E-07	0.120	1.700
6004874129735	600487	4129735	1.30E-07	0.130	1.700
6004974129735	600497	4129735	1.41E-07	0.141	1.700
6005074129735	600507	4129735	1.53E-07	0.153	1.700
6005174129735	600517	4129735	1.65E-07	0.165	1.700
6005274129735	600527	4129735	1.78E-07	0.178	1.700
6005374129735	600537	4129735	1.91E-07	0.191	1.700
6005474129735	600547	4129735	2.04E-07	0.204	1.700
6005574129735	600557	4129735	2.17E-07	0.217	1.700
6005674129735	600567	4129735	2.29E-07	0.229	1.700
6005774129735	600577	4129735	2.40E-07	0.240	1.700
6005874129735	600587	4129735	2.51E-07	0.251	1.700
6005974129735	600597	4129735	2.61E-07	0.261	1.700
6006074129735	600607	4129735	2.70E-07	0.270	1.700
6006174129735	600617	4129735	2.77E-07	0.277	1.700
6006274129735	600627	4129735	2.84E-07	0.284	1.700
6006374129735	600637	4129735	2.89E-07	0.289	1.700
6006474129735	600647	4129735	2.93E-07	0.293	1.700

6006574129735	600657	4129735	2.97E-07	0.297	1.700
6006674129735	600667	4129735	3.00E-07	0.300	1.700
6006774129735	600677	4129735	3.02E-07	0.302	1.700
6006874129735	600687	4129735	3.03E-07	0.303	1.700
6006974129735	600697	4129735	3.04E-07	0.304	1.700
6007074129735	600707	4129735	3.04E-07	0.304	1.700
6007174129735	600717	4129735	3.04E-07	0.304	1.700
6007274129735	600727	4129735	3.03E-07	0.303	1.700
6007374129735	600737	4129735	3.03E-07	0.303	1.700
6007474129735	600747	4129735	3.01E-07	0.301	1.700
6007574129735	600757	4129735	3.00E-07	0.300	1.700
6007674129735	600767	4129735	2.98E-07	0.298	1.700
6007774129735	600777	4129735	2.96E-07	0.296	1.700
6007874129735	600787	4129735	2.94E-07	0.294	1.700
6007974129735	600797	4129735	2.92E-07	0.292	1.700
6008074129735	600807	4129735	2.90E-07	0.290	1.700
6008174129735	600817	4129735	2.87E-07	0.287	1.700
6008274129735	600827	4129735	2.84E-07	0.284	1.700
6008374129735	600837	4129735	2.81E-07	0.281	1.700
6002474129745	600247	4129745	4.07E-08	0.041	1.700
6002574129745	600257	4129745	4.15E-08	0.041	1.700
6002674129745	600267	4129745	4.23E-08	0.042	1.700
6002774129745	600277	4129745	4.32E-08	0.043	1.700
6002874129745	600287	4129745	4.42E-08	0.044	1.700
6002974129745	600297	4129745	4.53E-08	0.045	1.700
6003074129745	600307	4129745	4.65E-08	0.047	1.700
6003174129745	600317	4129745	4.79E-08	0.048	1.700
6003274129745	600327	4129745	4.94E-08	0.049	1.700
6003374129745	600337	4129745	5.10E-08	0.051	1.700
6003474129745	600347	4129745	5.30E-08	0.053	1.700
6003574129745	600357	4129745	5.52E-08	0.055	1.700
6003674129745	600367	4129745	5.78E-08	0.058	1.700
6003774129745	600377	4129745	6.07E-08	0.061	1.700
6003874129745	600387	4129745	6.41E-08	0.064	1.700
6003974129745	600397	4129745	6.81E-08	0.068	1.700
6004074129745	600407	4129745	7.25E-08	0.073	1.700
6004174129745	600417	4129745	7.77E-08	0.078	1.700
6004274129745	600427	4129745	8.36E-08	0.084	1.700
6004374129745	600437	4129745	9.03E-08	0.090	1.700
6004474129745	600447	4129745	9.78E-08	0.098	1.700
6004574129745	600457	4129745	1.06E-07	0.106	1.700
6004674129745	600467	4129745	1.16E-07	0.116	1.700
6004774129745	600477	4129745	1.26E-07	0.126	1.700
6004874129745	600487	4129745	1.38E-07	0.138	1.700
6004974129745	600497	4129745	1.50E-07	0.150	1.700
6005074129745	600507	4129745	1.63E-07	0.163	1.700
6005174129745	600517	4129745	1.77E-07	0.177	1.700
6005274129745	600527	4129745	1.91E-07	0.191	1.700
6005374129745	600537	4129745	2.06E-07	0.206	1.700
6005474129745	600547	4129745	2.20E-07	0.220	1.700
6005574129745	600557	4129745	2.34E-07	0.234	1.700
6005674129745	600567	4129745	2.47E-07	0.247	1.700
6005774129745	600577	4129745	2.60E-07	0.260	1.700
6005874129745	600587	4129745	2.72E-07	0.272	1.700
6005974129745	600597	4129745	2.83E-07	0.283	1.700

6006074129745	600607	4129745	2.92E-07	0.292	1.700
6006174129745	600617	4129745	3.00E-07	0.300	1.700
6006274129745	600627	4129745	3.06E-07	0.306	1.700
6006374129745	600637	4129745	3.12E-07	0.312	1.700
6006474129745	600647	4129745	3.16E-07	0.316	1.700
6006574129745	600657	4129745	3.20E-07	0.320	1.700
6006674129745	600667	4129745	3.23E-07	0.323	1.700
6006774129745	600677	4129745	3.25E-07	0.325	1.700
6006874129745	600687	4129745	3.26E-07	0.326	1.700
6006974129745	600697	4129745	3.26E-07	0.326	1.700
6007074129745	600707	4129745	3.26E-07	0.326	1.700
6007174129745	600717	4129745	3.25E-07	0.325	1.700
6007274129745	600727	4129745	3.24E-07	0.324	1.700
6007374129745	600737	4129745	3.23E-07	0.323	1.700
6007474129745	600747	4129745	3.22E-07	0.322	1.700
6007574129745	600757	4129745	3.20E-07	0.320	1.700
6007674129745	600767	4129745	3.18E-07	0.318	1.700
6007774129745	600777	4129745	3.15E-07	0.315	1.700
6007874129745	600787	4129745	3.13E-07	0.313	1.700
6007974129745	600797	4129745	3.10E-07	0.310	1.700
6008074129745	600807	4129745	3.07E-07	0.307	1.700
6008174129745	600817	4129745	3.04E-07	0.304	1.700
6008274129745	600827	4129745	3.00E-07	0.300	1.700
6008374129745	600837	4129745	2.96E-07	0.296	1.700
6002374129755	600237	4129755	4.18E-08	0.042	1.700
6002474129755	600247	4129755	4.26E-08	0.043	1.700
6002574129755	600257	4129755	4.34E-08	0.043	1.700
6002674129755	600267	4129755	4.43E-08	0.044	1.700
6002774129755	600277	4129755	4.52E-08	0.045	1.700
6002874129755	600287	4129755	4.62E-08	0.046	1.700
6002974129755	600297	4129755	4.73E-08	0.047	1.700
6003074129755	600307	4129755	4.86E-08	0.049	1.700
6003174129755	600317	4129755	4.99E-08	0.050	1.700
6003274129755	600327	4129755	5.15E-08	0.051	1.700
6003374129755	600337	4129755	5.32E-08	0.053	1.700
6003474129755	600347	4129755	5.51E-08	0.055	1.700
6003574129755	600357	4129755	5.74E-08	0.057	1.700
6003674129755	600367	4129755	6.00E-08	0.060	1.700
6003774129755	600377	4129755	6.31E-08	0.063	1.700
6003874129755	600387	4129755	6.66E-08	0.067	1.700
6003974129755	600397	4129755	7.08E-08	0.071	1.700
6004074129755	600407	4129755	7.55E-08	0.075	1.700
6004174129755	600417	4129755	8.09E-08	0.081	1.700
6004274129755	600427	4129755	8.72E-08	0.087	1.700
6004374129755	600437	4129755	9.43E-08	0.094	1.700
6004474129755	600447	4129755	1.03E-07	0.103	1.700
6004574129755	600457	4129755	1.12E-07	0.112	1.700
6004674129755	600467	4129755	1.22E-07	0.122	1.700
6004774129755	600477	4129755	1.34E-07	0.134	1.700
6004874129755	600487	4129755	1.46E-07	0.146	1.700
6004974129755	600497	4129755	1.60E-07	0.160	1.700
6005074129755	600507	4129755	1.75E-07	0.175	1.700
6005174129755	600517	4129755	1.90E-07	0.190	1.700
6005274129755	600527	4129755	2.06E-07	0.206	1.700
6005374129755	600537	4129755	2.22E-07	0.222	1.700

6005474129755	600547	4129755	2.38E-07	0.238	1.700
6005574129755	600557	4129755	2.53E-07	0.253	1.700
6005674129755	600567	4129755	2.68E-07	0.268	1.700
6005774129755	600577	4129755	2.83E-07	0.283	1.700
6005874129755	600587	4129755	2.95E-07	0.295	1.700
6005974129755	600597	4129755	3.07E-07	0.307	1.700
6006074129755	600607	4129755	3.17E-07	0.317	1.700
6006174129755	600617	4129755	3.25E-07	0.325	1.700
6006274129755	600627	4129755	3.32E-07	0.332	1.700
6006374129755	600637	4129755	3.37E-07	0.337	1.700
6006474129755	600647	4129755	3.42E-07	0.342	1.700
6006574129755	600657	4129755	3.46E-07	0.346	1.700
6006674129755	600667	4129755	3.48E-07	0.348	1.700
6006774129755	600677	4129755	3.50E-07	0.350	1.700
6006874129755	600687	4129755	3.50E-07	0.350	1.700
6006974129755	600697	4129755	3.50E-07	0.350	1.700
6007074129755	600707	4129755	3.50E-07	0.350	1.700
6007174129755	600717	4129755	3.49E-07	0.349	1.700
6007274129755	600727	4129755	3.48E-07	0.348	1.700
6007374129755	600737	4129755	3.46E-07	0.346	1.700
6007474129755	600747	4129755	3.44E-07	0.344	1.700
6007574129755	600757	4129755	3.42E-07	0.342	1.700
6007674129755	600767	4129755	3.39E-07	0.339	1.700
6007774129755	600777	4129755	3.36E-07	0.336	1.700
6007874129755	600787	4129755	3.33E-07	0.333	1.700
6007974129755	600797	4129755	3.29E-07	0.329	1.700
6008074129755	600807	4129755	3.25E-07	0.325	1.700
6008174129755	600817	4129755	3.21E-07	0.321	1.700
6008274129755	600827	4129755	3.17E-07	0.317	1.700
6008374129755	600837	4129755	3.13E-07	0.313	1.700
6008474129755	600847	4129755	3.08E-07	0.308	1.700
6002274129765	600227	4129765	4.30E-08	0.043	1.700
6002374129765	600237	4129765	4.38E-08	0.044	1.700
6002474129765	600247	4129765	4.47E-08	0.045	1.700
6002574129765	600257	4129765	4.55E-08	0.046	1.700
6002674129765	600267	4129765	4.64E-08	0.046	1.700
6002774129765	600277	4129765	4.74E-08	0.047	1.700
6002874129765	600287	4129765	4.84E-08	0.048	1.700
6002974129765	600297	4129765	4.96E-08	0.050	1.700
6003074129765	600307	4129765	5.08E-08	0.051	1.700
6003174129765	600317	4129765	5.22E-08	0.052	1.700
6003274129765	600327	4129765	5.38E-08	0.054	1.700
6003374129765	600337	4129765	5.55E-08	0.056	1.700
6003474129765	600347	4129765	5.75E-08	0.058	1.700
6003574129765	600357	4129765	5.98E-08	0.060	1.700
6003674129765	600367	4129765	6.25E-08	0.063	1.700
6003774129765	600377	4129765	6.57E-08	0.066	1.700
6003874129765	600387	4129765	6.93E-08	0.069	1.700
6003974129765	600397	4129765	7.36E-08	0.074	1.700
6004074129765	600407	4129765	7.85E-08	0.079	1.700
6004174129765	600417	4129765	8.43E-08	0.084	1.700
6004274129765	600427	4129765	9.09E-08	0.091	1.700
6004374129765	600437	4129765	9.87E-08	0.099	1.700
6004474129765	600447	4129765	1.08E-07	0.108	1.700
6004574129765	600457	4129765	1.18E-07	0.118	1.700

6004674129765	600467	4129765	1.29E-07	0.129	1.700
6004774129765	600477	4129765	1.42E-07	0.142	1.700
6004874129765	600487	4129765	1.56E-07	0.156	1.700
6004974129765	600497	4129765	1.71E-07	0.171	1.700
6005074129765	600507	4129765	1.87E-07	0.187	1.700
6005174129765	600517	4129765	2.04E-07	0.204	1.700
6005274129765	600527	4129765	2.22E-07	0.222	1.700
6005374129765	600537	4129765	2.40E-07	0.240	1.700
6005474129765	600547	4129765	2.58E-07	0.258	1.700
6005574129765	600557	4129765	2.75E-07	0.275	1.700
6005674129765	600567	4129765	2.92E-07	0.292	1.700
6005774129765	600577	4129765	3.08E-07	0.308	1.700
6005874129765	600587	4129765	3.22E-07	0.322	1.700
6005974129765	600597	4129765	3.34E-07	0.334	1.700
6006074129765	600607	4129765	3.45E-07	0.345	1.700
6006174129765	600617	4129765	3.53E-07	0.353	1.700
6006274129765	600627	4129765	3.60E-07	0.360	1.700
6006374129765	600637	4129765	3.66E-07	0.366	1.700
6006474129765	600647	4129765	3.71E-07	0.371	1.700
6006574129765	600657	4129765	3.74E-07	0.374	1.700
6006674129765	600667	4129765	3.76E-07	0.376	1.700
6006774129765	600677	4129765	3.78E-07	0.378	1.700
6006874129765	600687	4129765	3.78E-07	0.378	1.700
6006974129765	600697	4129765	3.78E-07	0.378	1.700
6007074129765	600707	4129765	3.77E-07	0.377	1.700
6007174129765	600717	4129765	3.76E-07	0.376	1.700
6007274129765	600727	4129765	3.74E-07	0.374	1.700
6007374129765	600737	4129765	3.72E-07	0.372	1.700
6007474129765	600747	4129765	3.69E-07	0.369	1.700
6007574129765	600757	4129765	3.66E-07	0.366	1.700
6007674129765	600767	4129765	3.62E-07	0.362	1.700
6007774129765	600777	4129765	3.58E-07	0.358	1.700
6007874129765	600787	4129765	3.54E-07	0.354	1.700
6007974129765	600797	4129765	3.50E-07	0.350	1.700
6008074129765	600807	4129765	3.45E-07	0.345	1.700
6008174129765	600817	4129765	3.40E-07	0.340	1.700
6008274129765	600827	4129765	3.35E-07	0.335	1.700
6008374129765	600837	4129765	3.30E-07	0.330	1.700
6008474129765	600847	4129765	3.24E-07	0.324	1.700
6008574129765	600857	4129765	3.18E-07	0.318	1.700
6002274129775	600227	4129775	4.52E-08	0.045	1.700
6002374129775	600237	4129775	4.61E-08	0.046	1.700
6002474129775	600247	4129775	4.70E-08	0.047	1.700
6002574129775	600257	4129775	4.79E-08	0.048	1.700
6002674129775	600267	4129775	4.88E-08	0.049	1.700
6002774129775	600277	4129775	4.98E-08	0.050	1.700
6002874129775	600287	4129775	5.09E-08	0.051	1.700
6002974129775	600297	4129775	5.21E-08	0.052	1.700
6003074129775	600307	4129775	5.33E-08	0.053	1.700
6003174129775	600317	4129775	5.47E-08	0.055	1.700
6003274129775	600327	4129775	5.63E-08	0.056	1.700
6003374129775	600337	4129775	5.81E-08	0.058	1.700
6003474129775	600347	4129775	6.01E-08	0.060	1.700
6003574129775	600357	4129775	6.25E-08	0.062	1.700
6003674129775	600367	4129775	6.52E-08	0.065	1.700

6003774129775	600377	4129775	6.85E-08	0.068	1.700
6003874129775	600387	4129775	7.23E-08	0.072	1.700
6003974129775	600397	4129775	7.67E-08	0.077	1.700
6004074129775	600407	4129775	8.18E-08	0.082	1.700
6004174129775	600417	4129775	8.79E-08	0.088	1.700
6004274129775	600427	4129775	9.51E-08	0.095	1.700
6004374129775	600437	4129775	1.04E-07	0.104	1.700
6004474129775	600447	4129775	1.13E-07	0.113	1.700
6004574129775	600457	4129775	1.24E-07	0.124	1.700
6004674129775	600467	4129775	1.36E-07	0.136	1.700
6004774129775	600477	4129775	1.50E-07	0.150	1.700
6004874129775	600487	4129775	1.66E-07	0.166	1.700
6004974129775	600497	4129775	1.83E-07	0.183	1.700
6005074129775	600507	4129775	2.01E-07	0.201	1.700
6005174129775	600517	4129775	2.20E-07	0.220	1.700
6005274129775	600527	4129775	2.40E-07	0.240	1.700
6005374129775	600537	4129775	2.61E-07	0.261	1.700
6005474129775	600547	4129775	2.81E-07	0.281	1.700
6005574129775	600557	4129775	3.01E-07	0.301	1.700
6005674129775	600567	4129775	3.19E-07	0.319	1.700
6005774129775	600577	4129775	3.36E-07	0.336	1.700
6005874129775	600587	4129775	3.52E-07	0.352	1.700
6005974129775	600597	4129775	3.66E-07	0.366	1.700
6006074129775	600607	4129775	3.76E-07	0.376	1.700
6006174129775	600617	4129775	3.85E-07	0.385	1.700
6006274129775	600627	4129775	3.93E-07	0.393	1.700
6006374129775	600637	4129775	3.99E-07	0.399	1.700
6006474129775	600647	4129775	4.03E-07	0.403	1.700
6006574129775	600657	4129775	4.06E-07	0.406	1.700
6006674129775	600667	4129775	4.08E-07	0.408	1.700
6006774129775	600677	4129775	4.09E-07	0.409	1.700
6006874129775	600687	4129775	4.09E-07	0.409	1.700
6006974129775	600697	4129775	4.09E-07	0.409	1.700
6007074129775	600707	4129775	4.07E-07	0.407	1.700
6007174129775	600717	4129775	4.05E-07	0.405	1.700
6007274129775	600727	4129775	4.03E-07	0.403	1.700
6007374129775	600737	4129775	3.99E-07	0.399	1.700
6007474129775	600747	4129775	3.96E-07	0.396	1.700
6007574129775	600757	4129775	3.92E-07	0.392	1.700
6007674129775	600767	4129775	3.87E-07	0.387	1.700
6007774129775	600777	4129775	3.83E-07	0.383	1.700
6007874129775	600787	4129775	3.77E-07	0.377	1.700
6007974129775	600797	4129775	3.72E-07	0.372	1.700
6008074129775	600807	4129775	3.66E-07	0.366	1.700
6008174129775	600817	4129775	3.60E-07	0.360	1.700
6008274129775	600827	4129775	3.54E-07	0.354	1.700
6008374129775	600837	4129775	3.47E-07	0.347	1.700
6008474129775	600847	4129775	3.40E-07	0.340	1.700
6008574129775	600857	4129775	3.34E-07	0.334	1.700
6002174129785	600217	4129785	4.67E-08	0.047	1.700
6002274129785	600227	4129785	4.76E-08	0.048	1.700
6002374129785	600237	4129785	4.86E-08	0.049	1.700
6002474129785	600247	4129785	4.95E-08	0.049	1.700
6002574129785	600257	4129785	5.04E-08	0.050	1.700
6002674129785	600267	4129785	5.14E-08	0.051	1.700

6002774129785	600277	4129785	5.25E-08	0.052	1.700
6002874129785	600287	4129785	5.36E-08	0.054	1.700
6002974129785	600297	4129785	5.48E-08	0.055	1.700
6003074129785	600307	4129785	5.61E-08	0.056	1.700
6003174129785	600317	4129785	5.75E-08	0.058	1.700
6003274129785	600327	4129785	5.91E-08	0.059	1.700
6003374129785	600337	4129785	6.09E-08	0.061	1.700
6003474129785	600347	4129785	6.30E-08	0.063	1.700
6003574129785	600357	4129785	6.54E-08	0.065	1.700
6003674129785	600367	4129785	6.82E-08	0.068	1.700
6003774129785	600377	4129785	7.16E-08	0.072	1.700
6003874129785	600387	4129785	7.55E-08	0.075	1.700
6003974129785	600397	4129785	8.00E-08	0.080	1.700
6004074129785	600407	4129785	8.54E-08	0.085	1.700
6004174129785	600417	4129785	9.19E-08	0.092	1.700
6004274129785	600427	4129785	9.97E-08	0.100	1.700
6004374129785	600437	4129785	1.09E-07	0.109	1.700
6004474129785	600447	4129785	1.19E-07	0.119	1.700
6004574129785	600457	4129785	1.31E-07	0.131	1.700
6004674129785	600467	4129785	1.45E-07	0.145	1.700
6004774129785	600477	4129785	1.60E-07	0.160	1.700
6004874129785	600487	4129785	1.77E-07	0.177	1.700
6004974129785	600497	4129785	1.96E-07	0.196	1.700
6005074129785	600507	4129785	2.17E-07	0.217	1.700
6005174129785	600517	4129785	2.39E-07	0.239	1.700
6005274129785	600527	4129785	2.61E-07	0.261	1.700
6005374129785	600537	4129785	2.84E-07	0.284	1.700
6005474129785	600547	4129785	3.07E-07	0.307	1.700
6005574129785	600557	4129785	3.30E-07	0.330	1.700
6005674129785	600567	4129785	3.50E-07	0.350	1.700
6005774129785	600577	4129785	3.69E-07	0.369	1.700
6005874129785	600587	4129785	3.87E-07	0.387	1.700
6005974129785	600597	4129785	4.01E-07	0.401	1.700
6006074129785	600607	4129785	4.12E-07	0.412	1.700
6006174129785	600617	4129785	4.23E-07	0.423	1.700
6006274129785	600627	4129785	4.31E-07	0.431	1.700
6006374129785	600637	4129785	4.37E-07	0.437	1.700
6006474129785	600647	4129785	4.41E-07	0.441	1.700
6006574129785	600657	4129785	4.43E-07	0.443	1.700
6006674129785	600667	4129785	4.45E-07	0.445	1.700
6006774129785	600677	4129785	4.45E-07	0.445	1.700
6006874129785	600687	4129785	4.45E-07	0.445	1.700
6006974129785	600697	4129785	4.43E-07	0.443	1.700
6007074129785	600707	4129785	4.41E-07	0.441	1.700
6007174129785	600717	4129785	4.38E-07	0.438	1.700
6007274129785	600727	4129785	4.34E-07	0.434	1.700
6007374129785	600737	4129785	4.30E-07	0.430	1.700
6007474129785	600747	4129785	4.26E-07	0.426	1.700
6007574129785	600757	4129785	4.20E-07	0.420	1.700
6007674129785	600767	4129785	4.14E-07	0.414	1.700
6007774129785	600777	4129785	4.08E-07	0.408	1.700
6007874129785	600787	4129785	4.02E-07	0.402	1.700
6007974129785	600797	4129785	3.95E-07	0.395	1.700
6008074129785	600807	4129785	3.88E-07	0.388	1.700
6008174129785	600817	4129785	3.80E-07	0.380	1.700

6008274129785	600827	4129785	3.73E-07	0.373	1.700
6008374129785	600837	4129785	3.65E-07	0.365	1.700
6008474129785	600847	4129785	3.57E-07	0.357	1.700
6008574129785	600857	4129785	3.49E-07	0.349	1.700
6008674129785	600867	4129785	3.41E-07	0.341	1.700
6002174129795	600217	4129795	4.93E-08	0.049	1.700
6002274129795	600227	4129795	5.03E-08	0.050	1.700
6002374129795	600237	4129795	5.12E-08	0.051	1.700
6002474129795	600247	4129795	5.22E-08	0.052	1.700
6002574129795	600257	4129795	5.32E-08	0.053	1.700
6002674129795	600267	4129795	5.43E-08	0.054	1.700
6002774129795	600277	4129795	5.54E-08	0.055	1.700
6002874129795	600287	4129795	5.66E-08	0.057	1.700
6002974129795	600297	4129795	5.78E-08	0.058	1.700
6003074129795	600307	4129795	5.92E-08	0.059	1.700
6003174129795	600317	4129795	6.07E-08	0.061	1.700
6003274129795	600327	4129795	6.23E-08	0.062	1.700
6003374129795	600337	4129795	6.41E-08	0.064	1.700
6003474129795	600347	4129795	6.62E-08	0.066	1.700
6003574129795	600357	4129795	6.87E-08	0.069	1.700
6003674129795	600367	4129795	7.16E-08	0.072	1.700
6003774129795	600377	4129795	7.50E-08	0.075	1.700
6003874129795	600387	4129795	7.89E-08	0.079	1.700
6003974129795	600397	4129795	8.37E-08	0.084	1.700
6004074129795	600407	4129795	8.94E-08	0.089	1.700
6004174129795	600417	4129795	9.64E-08	0.096	1.700
6004274129795	600427	4129795	1.05E-07	0.105	1.700
6004374129795	600437	4129795	1.14E-07	0.114	1.700
6004474129795	600447	4129795	1.25E-07	0.125	1.700
6004574129795	600457	4129795	1.39E-07	0.139	1.700
6004674129795	600467	4129795	1.54E-07	0.154	1.700
6004774129795	600477	4129795	1.71E-07	0.171	1.700
6004874129795	600487	4129795	1.90E-07	0.190	1.700
6004974129795	600497	4129795	2.11E-07	0.211	1.700
6005074129795	600507	4129795	2.34E-07	0.234	1.700
6005174129795	600517	4129795	2.59E-07	0.259	1.700
6005274129795	600527	4129795	2.85E-07	0.285	1.700
6005374129795	600537	4129795	3.12E-07	0.312	1.700
6005474129795	600547	4129795	3.38E-07	0.338	1.700
6005574129795	600557	4129795	3.63E-07	0.363	1.700
6005674129795	600567	4129795	3.87E-07	0.387	1.700
6005774129795	600577	4129795	4.08E-07	0.408	1.700
6005874129795	600587	4129795	4.26E-07	0.426	1.700
6005974129795	600597	4129795	4.42E-07	0.442	1.700
6006074129795	600607	4129795	4.55E-07	0.455	1.700
6006174129795	600617	4129795	4.66E-07	0.466	1.700
6006274129795	600627	4129795	4.74E-07	0.474	1.700
6006374129795	600637	4129795	4.80E-07	0.480	1.700
6006474129795	600647	4129795	4.84E-07	0.484	1.700
6006574129795	600657	4129795	4.85E-07	0.485	1.700
6006674129795	600667	4129795	4.86E-07	0.486	1.700
6006774129795	600677	4129795	4.86E-07	0.486	1.700
6006874129795	600687	4129795	4.85E-07	0.485	1.700
6006974129795	600697	4129795	4.82E-07	0.482	1.700
6007074129795	600707	4129795	4.79E-07	0.479	1.700



6007174129795	600717	4129795	4.75E-07	0.475	1.700
6007274129795	600727	4129795	4.70E-07	0.470	1.700
6007374129795	600737	4129795	4.64E-07	0.464	1.700
6007474129795	600747	4129795	4.58E-07	0.458	1.700
6007574129795	600757	4129795	4.51E-07	0.451	1.700
6007674129795	600767	4129795	4.44E-07	0.444	1.700
6007774129795	600777	4129795	4.36E-07	0.436	1.700
6007874129795	600787	4129795	4.27E-07	0.427	1.700
6007974129795	600797	4129795	4.19E-07	0.419	1.700
6008074129795	600807	4129795	4.10E-07	0.410	1.700
6008174129795	600817	4129795	4.01E-07	0.401	1.700
6008274129795	600827	4129795	3.92E-07	0.392	1.700
6008374129795	600837	4129795	3.83E-07	0.383	1.700
6008474129795	600847	4129795	3.74E-07	0.374	1.700
6008574129795	600857	4129795	3.65E-07	0.365	1.700
6008674129795	600867	4129795	3.55E-07	0.355	1.700
6008774129795	600877	4129795	3.46E-07	0.346	1.700
6002074129805	600207	4129805	5.11E-08	0.051	1.700
6002174129805	600217	4129805	5.21E-08	0.052	1.700
6002274129805	600227	4129805	5.32E-08	0.053	1.700
6002374129805	600237	4129805	5.42E-08	0.054	1.700
6002474129805	600247	4129805	5.53E-08	0.055	1.700
6002574129805	600257	4129805	5.64E-08	0.056	1.700
6002674129805	600267	4129805	5.75E-08	0.057	1.700
6002774129805	600277	4129805	5.87E-08	0.059	1.700
6002874129805	600287	4129805	5.99E-08	0.060	1.700
6002974129805	600297	4129805	6.12E-08	0.061	1.700
6003074129805	600307	4129805	6.26E-08	0.063	1.700
6003174129805	600317	4129805	6.41E-08	0.064	1.700
6003274129805	600327	4129805	6.58E-08	0.066	1.700
6003374129805	600337	4129805	6.77E-08	0.068	1.700
6003474129805	600347	4129805	6.99E-08	0.070	1.700
6003574129805	600357	4129805	7.24E-08	0.072	1.700
6003674129805	600367	4129805	7.53E-08	0.075	1.700
6003774129805	600377	4129805	7.87E-08	0.079	1.700
6003874129805	600387	4129805	8.28E-08	0.083	1.700
6003974129805	600397	4129805	8.78E-08	0.088	1.700
6004074129805	600407	4129805	9.39E-08	0.094	1.700
6004174129805	600417	4129805	1.01E-07	0.101	1.700
6004274129805	600427	4129805	1.10E-07	0.110	1.700
6004374129805	600437	4129805	1.20E-07	0.120	1.700
6004474129805	600447	4129805	1.33E-07	0.133	1.700
6004574129805	600457	4129805	1.47E-07	0.147	1.700
6004674129805	600467	4129805	1.63E-07	0.163	1.700
6004774129805	600477	4129805	1.82E-07	0.182	1.700
6004874129805	600487	4129805	2.04E-07	0.204	1.700
6004974129805	600497	4129805	2.28E-07	0.228	1.700
6005074129805	600507	4129805	2.54E-07	0.254	1.700
6005174129805	600517	4129805	2.83E-07	0.283	1.700
6005274129805	600527	4129805	3.13E-07	0.313	1.700
6005374129805	600537	4129805	3.43E-07	0.343	1.700
6005474129805	600547	4129805	3.73E-07	0.373	1.700
6005574129805	600557	4129805	4.02E-07	0.402	1.700
6005674129805	600567	4129805	4.29E-07	0.429	1.700
6005774129805	600577	4129805	4.53E-07	0.453	1.700

6005874129805	600587	4129805	4.73E-07	0.473	1.700
6005974129805	600597	4129805	4.91E-07	0.491	1.700
6006074129805	600607	4129805	5.05E-07	0.505	1.700
6006174129805	600617	4129805	5.16E-07	0.516	1.700
6006274129805	600627	4129805	5.24E-07	0.524	1.700
6006374129805	600637	4129805	5.30E-07	0.530	1.700
6006474129805	600647	4129805	5.33E-07	0.533	1.700
6006574129805	600657	4129805	5.34E-07	0.534	1.700
6006674129805	600667	4129805	5.34E-07	0.534	1.700
6006774129805	600677	4129805	5.33E-07	0.533	1.700
6006874129805	600687	4129805	5.30E-07	0.530	1.700
6006974129805	600697	4129805	5.26E-07	0.526	1.700
6007074129805	600707	4129805	5.21E-07	0.521	1.700
6007174129805	600717	4129805	5.15E-07	0.515	1.700
6007274129805	600727	4129805	5.08E-07	0.508	1.700
6007374129805	600737	4129805	5.01E-07	0.501	1.700
6007474129805	600747	4129805	4.93E-07	0.493	1.700
6007574129805	600757	4129805	4.84E-07	0.484	1.700
6007674129805	600767	4129805	4.74E-07	0.474	1.700
6007774129805	600777	4129805	4.65E-07	0.465	1.700
6007874129805	600787	4129805	4.54E-07	0.454	1.700
6007974129805	600797	4129805	4.44E-07	0.444	1.700
6008074129805	600807	4129805	4.33E-07	0.433	1.700
6008174129805	600817	4129805	4.23E-07	0.423	1.700
6008274129805	600827	4129805	4.12E-07	0.412	1.700
6008374129805	600837	4129805	4.01E-07	0.401	1.700
6008474129805	600847	4129805	3.90E-07	0.390	1.700
6008574129805	600857	4129805	3.80E-07	0.380	1.700
6008674129805	600867	4129805	3.69E-07	0.369	1.700
6008774129805	600877	4129805	3.59E-07	0.359	1.700
6002074129815	600207	4129815	5.40E-08	0.054	1.700
6002174129815	600217	4129815	5.51E-08	0.055	1.700
6002274129815	600227	4129815	5.63E-08	0.056	1.700
6002374129815	600237	4129815	5.75E-08	0.057	1.700
6002474129815	600247	4129815	5.86E-08	0.059	1.700
6002574129815	600257	4129815	5.98E-08	0.060	1.700
6002674129815	600267	4129815	6.10E-08	0.061	1.700
6002774129815	600277	4129815	6.23E-08	0.062	1.700
6002874129815	600287	4129815	6.36E-08	0.064	1.700
6002974129815	600297	4129815	6.50E-08	0.065	1.700
6003074129815	600307	4129815	6.65E-08	0.066	1.700
6003174129815	600317	4129815	6.80E-08	0.068	1.700
6003274129815	600327	4129815	6.98E-08	0.070	1.700
6003374129815	600337	4129815	7.17E-08	0.072	1.700
6003474129815	600347	4129815	7.40E-08	0.074	1.700
6003574129815	600357	4129815	7.65E-08	0.077	1.700
6003674129815	600367	4129815	7.95E-08	0.079	1.700
6003774129815	600377	4129815	8.30E-08	0.083	1.700
6003874129815	600387	4129815	8.72E-08	0.087	1.700
6003974129815	600397	4129815	9.24E-08	0.092	1.700
6004074129815	600407	4129815	9.89E-08	0.099	1.700
6004174129815	600417	4129815	1.07E-07	0.107	1.700
6004274129815	600427	4129815	1.16E-07	0.116	1.700
6004374129815	600437	4129815	1.27E-07	0.127	1.700
6004474129815	600447	4129815	1.40E-07	0.140	1.700

6004574129815	600457	4129815	1.56E-07	0.156	1.700
6004674129815	600467	4129815	1.74E-07	0.174	1.700
6004774129815	600477	4129815	1.95E-07	0.195	1.700
6004874129815	600487	4129815	2.19E-07	0.219	1.700
6004974129815	600497	4129815	2.47E-07	0.247	1.700
6005074129815	600507	4129815	2.77E-07	0.277	1.700
6005174129815	600517	4129815	3.10E-07	0.310	1.700
6005274129815	600527	4129815	3.45E-07	0.345	1.700
6005374129815	600537	4129815	3.80E-07	0.380	1.700
6005474129815	600547	4129815	4.15E-07	0.415	1.700
6005574129815	600557	4129815	4.48E-07	0.448	1.700
6005674129815	600567	4129815	4.79E-07	0.479	1.700
6005774129815	600577	4129815	5.06E-07	0.506	1.700
6005874129815	600587	4129815	5.29E-07	0.529	1.700
6005974129815	600597	4129815	5.48E-07	0.548	1.700
6006074129815	600607	4129815	5.63E-07	0.563	1.700
6006174129815	600617	4129815	5.75E-07	0.575	1.700
6006274129815	600627	4129815	5.83E-07	0.583	1.700
6006374129815	600637	4129815	5.88E-07	0.588	1.700
6006474129815	600647	4129815	5.90E-07	0.590	1.700
6006574129815	600657	4129815	5.91E-07	0.591	1.700
6006674129815	600667	4129815	5.89E-07	0.589	1.700
6006774129815	600677	4129815	5.86E-07	0.586	1.700
6006874129815	600687	4129815	5.81E-07	0.581	1.700
6006974129815	600697	4129815	5.75E-07	0.575	1.700
6007074129815	600707	4129815	5.68E-07	0.568	1.700
6007174129815	600717	4129815	5.60E-07	0.560	1.700
6007274129815	600727	4129815	5.51E-07	0.551	1.700
6007374129815	600737	4129815	5.41E-07	0.541	1.700
6007474129815	600747	4129815	5.30E-07	0.530	1.700
6007574129815	600757	4129815	5.19E-07	0.519	1.700
6007674129815	600767	4129815	5.07E-07	0.507	1.700
6007774129815	600777	4129815	4.95E-07	0.495	1.700
6007874129815	600787	4129815	4.82E-07	0.482	1.700
6007974129815	600797	4129815	4.70E-07	0.470	1.700
6008074129815	600807	4129815	4.57E-07	0.457	1.700
6008174129815	600817	4129815	4.44E-07	0.444	1.700
6008274129815	600827	4129815	4.31E-07	0.431	1.700
6008374129815	600837	4129815	4.19E-07	0.419	1.700
6008474129815	600847	4129815	4.06E-07	0.406	1.700
6008574129815	600857	4129815	3.94E-07	0.394	1.700
6008674129815	600867	4129815	3.82E-07	0.382	1.700
6008774129815	600877	4129815	3.70E-07	0.370	1.700
6008874129815	600887	4129815	3.59E-07	0.359	1.700
6001974129825	600197	4129825	5.60E-08	0.056	1.700
6002074129825	600207	4129825	5.73E-08	0.057	1.700
6002174129825	600217	4129825	5.85E-08	0.059	1.700
6002274129825	600227	4129825	5.98E-08	0.060	1.700
6002374129825	600237	4129825	6.10E-08	0.061	1.700
6002474129825	600247	4129825	6.24E-08	0.062	1.700
6002574129825	600257	4129825	6.37E-08	0.064	1.700
6002674129825	600267	4129825	6.50E-08	0.065	1.700
6002774129825	600277	4129825	6.64E-08	0.066	1.700
6002874129825	600287	4129825	6.78E-08	0.068	1.700
6002974129825	600297	4129825	6.92E-08	0.069	1.700

6003074129825	600307	4129825	7.08E-08	0.071	1.700
6003174129825	600317	4129825	7.25E-08	0.072	1.700
6003274129825	600327	4129825	7.43E-08	0.074	1.700
6003374129825	600337	4129825	7.63E-08	0.076	1.700
6003474129825	600347	4129825	7.86E-08	0.079	1.700
6003574129825	600357	4129825	8.12E-08	0.081	1.700
6003674129825	600367	4129825	8.42E-08	0.084	1.700
6003774129825	600377	4129825	8.78E-08	0.088	1.700
6003874129825	600387	4129825	9.22E-08	0.092	1.700
6003974129825	600397	4129825	9.77E-08	0.098	1.700
6004074129825	600407	4129825	1.04E-07	0.104	1.700
6004174129825	600417	4129825	1.12E-07	0.112	1.700
6004274129825	600427	4129825	1.22E-07	0.122	1.700
6004374129825	600437	4129825	1.34E-07	0.134	1.700
6004474129825	600447	4129825	1.49E-07	0.149	1.700
6004574129825	600457	4129825	1.66E-07	0.166	1.700
6004674129825	600467	4129825	1.86E-07	0.186	1.700
6004774129825	600477	4129825	2.09E-07	0.209	1.700
6004874129825	600487	4129825	2.37E-07	0.237	1.700
6004974129825	600497	4129825	2.68E-07	0.268	1.700
6005074129825	600507	4129825	3.03E-07	0.303	1.700
6005174129825	600517	4129825	3.42E-07	0.342	1.700
6005274129825	600527	4129825	3.82E-07	0.382	1.700
6005374129825	600537	4129825	4.23E-07	0.423	1.700
6005474129825	600547	4129825	4.65E-07	0.465	1.700
6005574129825	600557	4129825	5.04E-07	0.504	1.700
6005674129825	600567	4129825	5.39E-07	0.539	1.700
6005774129825	600577	4129825	5.70E-07	0.570	1.700
6005874129825	600587	4129825	5.96E-07	0.596	1.700
6005974129825	600597	4129825	6.17E-07	0.617	1.700
6006074129825	600607	4129825	6.34E-07	0.634	1.700
6006174129825	600617	4129825	6.46E-07	0.646	1.700
6006274129825	600627	4129825	6.53E-07	0.653	1.700
6006374129825	600637	4129825	6.57E-07	0.657	1.700
6006474129825	600647	4129825	6.58E-07	0.658	1.700
6006574129825	600657	4129825	6.56E-07	0.656	1.700
6006674129825	600667	4129825	6.53E-07	0.653	1.700
6006774129825	600677	4129825	6.47E-07	0.647	1.700
6006874129825	600687	4129825	6.39E-07	0.639	1.700
6006974129825	600697	4129825	6.31E-07	0.631	1.700
6007074129825	600707	4129825	6.20E-07	0.620	1.700
6007174129825	600717	4129825	6.09E-07	0.609	1.700
6007274129825	600727	4129825	5.96E-07	0.596	1.700
6007374129825	600737	4129825	5.83E-07	0.583	1.700
6007474129825	600747	4129825	5.69E-07	0.569	1.700
6007574129825	600757	4129825	5.55E-07	0.555	1.700
6007674129825	600767	4129825	5.40E-07	0.540	1.700
6007774129825	600777	4129825	5.26E-07	0.526	1.700
6007874129825	600787	4129825	5.10E-07	0.510	1.700
6007974129825	600797	4129825	4.95E-07	0.495	1.700
6008074129825	600807	4129825	4.80E-07	0.480	1.700
6008174129825	600817	4129825	4.65E-07	0.465	1.700
6008274129825	600827	4129825	4.50E-07	0.450	1.700
6008374129825	600837	4129825	4.36E-07	0.436	1.700
6008474129825	600847	4129825	4.22E-07	0.422	1.700

6008574129825	600857	4129825	4.08E-07	0.408	1.700
6008674129825	600867	4129825	3.94E-07	0.394	1.700
6008774129825	600877	4129825	3.81E-07	0.381	1.700
6008874129825	600887	4129825	3.68E-07	0.368	1.700
6001974129835	600197	4129835	5.95E-08	0.059	1.700
6002074129835	600207	4129835	6.09E-08	0.061	1.700
6002174129835	600217	4129835	6.22E-08	0.062	1.700
6002274129835	600227	4129835	6.36E-08	0.064	1.700
6002374129835	600237	4129835	6.50E-08	0.065	1.700
6002474129835	600247	4129835	6.65E-08	0.066	1.700
6002574129835	600257	4129835	6.79E-08	0.068	1.700
6002674129835	600267	4129835	6.95E-08	0.069	1.700
6002774129835	600277	4129835	7.10E-08	0.071	1.700
6002874129835	600287	4129835	7.25E-08	0.072	1.700
6002974129835	600297	4129835	7.40E-08	0.074	1.700
6003074129835	600307	4129835	7.57E-08	0.076	1.700
6003174129835	600317	4129835	7.74E-08	0.077	1.700
6003274129835	600327	4129835	7.94E-08	0.079	1.700
6003374129835	600337	4129835	8.15E-08	0.081	1.700
6003474129835	600347	4129835	8.39E-08	0.084	1.700
6003574129835	600357	4129835	8.65E-08	0.086	1.700
6003674129835	600367	4129835	8.96E-08	0.090	1.700
6003774129835	600377	4129835	9.34E-08	0.093	1.700
6003874129835	600387	4129835	9.81E-08	0.098	1.700
6003974129835	600397	4129835	1.04E-07	0.104	1.700
6004074129835	600407	4129835	1.11E-07	0.111	1.700
6004174129835	600417	4129835	1.19E-07	0.119	1.700
6004274129835	600427	4129835	1.30E-07	0.130	1.700
6004374129835	600437	4129835	1.42E-07	0.142	1.700
6004474129835	600447	4129835	1.58E-07	0.158	1.700
6004574129835	600457	4129835	1.77E-07	0.177	1.700
6004674129835	600467	4129835	1.99E-07	0.199	1.700
6004774129835	600477	4129835	2.26E-07	0.226	1.700
6004874129835	600487	4129835	2.57E-07	0.257	1.700
6004974129835	600497	4129835	2.92E-07	0.292	1.700
6005074129835	600507	4129835	3.33E-07	0.333	1.700
6005174129835	600517	4129835	3.78E-07	0.378	1.700
6005274129835	600527	4129835	4.25E-07	0.425	1.700
6005374129835	600537	4129835	4.75E-07	0.475	1.700
6005474129835	600547	4129835	5.24E-07	0.524	1.700
6005574129835	600557	4129835	5.71E-07	0.571	1.700
6005674129835	600567	4129835	6.12E-07	0.612	1.700
6005774129835	600577	4129835	6.48E-07	0.648	1.700
6005874129835	600587	4129835	6.77E-07	0.677	1.700
6005974129835	600597	4129835	7.01E-07	0.701	1.700
6006074129835	600607	4129835	7.18E-07	0.718	1.700
6006174129835	600617	4129835	7.30E-07	0.730	1.700
6006274129835	600627	4129835	7.36E-07	0.736	1.700
6006374129835	600637	4129835	7.39E-07	0.739	1.700
6006474129835	600647	4129835	7.37E-07	0.737	1.700
6006574129835	600657	4129835	7.33E-07	0.733	1.700
6006674129835	600667	4129835	7.26E-07	0.726	1.700
6006774129835	600677	4129835	7.16E-07	0.716	1.700
6006874129835	600687	4129835	7.05E-07	0.705	1.700
6006974129835	600697	4129835	6.92E-07	0.692	1.700

6007074129835	600707	4129835	6.77E-07	0.677	1.700
6007174129835	600717	4129835	6.62E-07	0.662	1.700
6007274129835	600727	4129835	6.45E-07	0.645	1.700
6007374129835	600737	4129835	6.28E-07	0.628	1.700
6007474129835	600747	4129835	6.11E-07	0.611	1.700
6007574129835	600757	4129835	5.93E-07	0.593	1.700
6007674129835	600767	4129835	5.75E-07	0.575	1.700
6007774129835	600777	4129835	5.56E-07	0.556	1.700
6007874129835	600787	4129835	5.38E-07	0.538	1.700
6007974129835	600797	4129835	5.20E-07	0.520	1.700
6008074129835	600807	4129835	5.03E-07	0.503	1.700
6008174129835	600817	4129835	4.85E-07	0.485	1.700
6008274129835	600827	4129835	4.68E-07	0.468	1.700
6008374129835	600837	4129835	4.51E-07	0.451	1.700
6008474129835	600847	4129835	4.35E-07	0.435	1.700
6008574129835	600857	4129835	4.20E-07	0.420	1.700
6008674129835	600867	4129835	4.05E-07	0.405	1.700
6008774129835	600877	4129835	3.90E-07	0.390	1.700
6008874129835	600887	4129835	3.76E-07	0.376	1.700
6001874129845	600187	4129845	6.18E-08	0.062	1.700
6001974129845	600197	4129845	6.32E-08	0.063	1.700
6002074129845	600207	4129845	6.48E-08	0.065	1.700
6002174129845	600217	4129845	6.63E-08	0.066	1.700
6002274129845	600227	4129845	6.79E-08	0.068	1.700
6002374129845	600237	4129845	6.95E-08	0.069	1.700
6002474129845	600247	4129845	7.11E-08	0.071	1.700
6002574129845	600257	4129845	7.26E-08	0.073	1.700
6002674129845	600267	4129845	7.44E-08	0.074	1.700
6002774129845	600277	4129845	7.60E-08	0.076	1.700
6002874129845	600287	4129845	7.77E-08	0.078	1.700
6002974129845	600297	4129845	7.94E-08	0.079	1.700
6003074129845	600307	4129845	8.12E-08	0.081	1.700
6003174129845	600317	4129845	8.31E-08	0.083	1.700
6003274129845	600327	4129845	8.52E-08	0.085	1.700
6003374129845	600337	4129845	8.74E-08	0.087	1.700
6003474129845	600347	4129845	8.98E-08	0.090	1.700
6003574129845	600357	4129845	9.26E-08	0.093	1.700
6003674129845	600367	4129845	9.59E-08	0.096	1.700
6003774129845	600377	4129845	9.99E-08	0.100	1.700
6003874129845	600387	4129845	1.05E-07	0.105	1.700
6003974129845	600397	4129845	1.11E-07	0.111	1.700
6004074129845	600407	4129845	1.18E-07	0.118	1.700
6004174129845	600417	4129845	1.27E-07	0.127	1.700
6004274129845	600427	4129845	1.38E-07	0.138	1.700
6004374129845	600437	4129845	1.51E-07	0.151	1.700
6004474129845	600447	4129845	1.68E-07	0.168	1.700
6004574129845	600457	4129845	1.89E-07	0.189	1.700
6004674129845	600467	4129845	2.14E-07	0.214	1.700
6004774129845	600477	4129845	2.44E-07	0.244	1.700
6004874129845	600487	4129845	2.80E-07	0.280	1.700
6004974129845	600497	4129845	3.21E-07	0.321	1.700
6005074129845	600507	4129845	3.68E-07	0.368	1.700
6005174129845	600517	4129845	4.21E-07	0.421	1.700
6005274129845	600527	4129845	4.77E-07	0.477	1.700
6005374129845	600537	4129845	5.38E-07	0.538	1.700

6005474129845	600547	4129845	5.98E-07	0.598	1.700
6005574129845	600557	4129845	6.54E-07	0.654	1.700
6005674129845	600567	4129845	7.03E-07	0.703	1.700
6005774129845	600577	4129845	7.45E-07	0.745	1.700
6005874129845	600587	4129845	7.78E-07	0.778	1.700
6005974129845	600597	4129845	8.04E-07	0.804	1.700
6006074129845	600607	4129845	8.21E-07	0.821	1.700
6006174129845	600617	4129845	8.32E-07	0.832	1.700
6006274129845	600627	4129845	8.37E-07	0.837	1.700
6006374129845	600637	4129845	8.36E-07	0.836	1.700
6006474129845	600647	4129845	8.30E-07	0.830	1.700
6006574129845	600657	4129845	8.21E-07	0.821	1.700
6006674129845	600667	4129845	8.09E-07	0.809	1.700
6006774129845	600677	4129845	7.94E-07	0.794	1.700
6006874129845	600687	4129845	7.78E-07	0.778	1.700
6006974129845	600697	4129845	7.59E-07	0.759	1.700
6007074129845	600707	4129845	7.39E-07	0.739	1.700
6007174129845	600717	4129845	7.18E-07	0.718	1.700
6007274129845	600727	4129845	6.97E-07	0.697	1.700
6007374129845	600737	4129845	6.75E-07	0.675	1.700
6007474129845	600747	4129845	6.53E-07	0.653	1.700
6007574129845	600757	4129845	6.31E-07	0.631	1.700
6007674129845	600767	4129845	6.09E-07	0.609	1.700
6007774129845	600777	4129845	5.87E-07	0.587	1.700
6007874129845	600787	4129845	5.65E-07	0.565	1.700
6007974129845	600797	4129845	5.44E-07	0.544	1.700
6008074129845	600807	4129845	5.24E-07	0.524	1.700
6008174129845	600817	4129845	5.04E-07	0.504	1.700
6008274129845	600827	4129845	4.84E-07	0.484	1.700
6008374129845	600837	4129845	4.66E-07	0.466	1.700
6008474129845	600847	4129845	4.48E-07	0.448	1.700
6008574129845	600857	4129845	4.31E-07	0.431	1.700
6008674129845	600867	4129845	4.14E-07	0.414	1.700
6008774129845	600877	4129845	3.98E-07	0.398	1.700
6008874129845	600887	4129845	3.83E-07	0.383	1.700
6008974129845	600897	4129845	3.69E-07	0.369	1.700
6001874129855	600187	4129855	6.57E-08	0.066	1.700
6001974129855	600197	4129855	6.74E-08	0.067	1.700
6002074129855	600207	4129855	6.92E-08	0.069	1.700
6002174129855	600217	4129855	7.09E-08	0.071	1.700
6002274129855	600227	4129855	7.27E-08	0.073	1.700
6002374129855	600237	4129855	7.44E-08	0.074	1.700
6002474129855	600247	4129855	7.62E-08	0.076	1.700
6002574129855	600257	4129855	7.80E-08	0.078	1.700
6002674129855	600267	4129855	7.99E-08	0.080	1.700
6002774129855	600277	4129855	8.17E-08	0.082	1.700
6002874129855	600287	4129855	8.35E-08	0.084	1.700
6002974129855	600297	4129855	8.55E-08	0.085	1.700
6003074129855	600307	4129855	8.75E-08	0.088	1.700
6003174129855	600317	4129855	8.96E-08	0.090	1.700
6003274129855	600327	4129855	9.18E-08	0.092	1.700
6003374129855	600337	4129855	9.42E-08	0.094	1.700
6003474129855	600347	4129855	9.68E-08	0.097	1.700
6003574129855	600357	4129855	9.98E-08	0.100	1.700
6003674129855	600367	4129855	1.03E-07	0.103	1.700

6003774129855	600377	4129855	1.08E-07	0.108	1.700
6003874129855	600387	4129855	1.13E-07	0.113	1.700
6003974129855	600397	4129855	1.19E-07	0.119	1.700
6004074129855	600407	4129855	1.26E-07	0.126	1.700
6004174129855	600417	4129855	1.35E-07	0.135	1.700
6004274129855	600427	4129855	1.47E-07	0.147	1.700
6004374129855	600437	4129855	1.62E-07	0.162	1.700
6004474129855	600447	4129855	1.80E-07	0.180	1.700
6004574129855	600457	4129855	2.03E-07	0.203	1.700
6004674129855	600467	4129855	2.31E-07	0.231	1.700
6004774129855	600477	4129855	2.66E-07	0.266	1.700
6004874129855	600487	4129855	3.06E-07	0.306	1.700
6004974129855	600497	4129855	3.54E-07	0.354	1.700
6005074129855	600507	4129855	4.09E-07	0.409	1.700
6005174129855	600517	4129855	4.72E-07	0.472	1.700
6005274129855	600527	4129855	5.40E-07	0.540	1.700
6005374129855	600537	4129855	6.15E-07	0.615	1.700
6005474129855	600547	4129855	6.89E-07	0.689	1.700
6005574129855	600557	4129855	7.59E-07	0.759	1.700
6005674129855	600567	4129855	8.20E-07	0.820	1.700
6005774129855	600577	4129855	8.70E-07	0.870	1.700
6005874129855	600587	4129855	9.07E-07	0.907	1.700
6005974129855	600597	4129855	9.32E-07	0.932	1.700
6006074129855	600607	4129855	9.49E-07	0.949	1.700
6006174129855	600617	4129855	9.58E-07	0.958	1.700
6006274129855	600627	4129855	9.58E-07	0.958	1.700
6006374129855	600637	4129855	9.51E-07	0.951	1.700
6006474129855	600647	4129855	9.39E-07	0.939	1.700
6006574129855	600657	4129855	9.23E-07	0.923	1.700
6006674129855	600667	4129855	9.04E-07	0.904	1.700
6006774129855	600677	4129855	8.82E-07	0.882	1.700
6006874129855	600687	4129855	8.58E-07	0.858	1.700
6006974129855	600697	4129855	8.32E-07	0.832	1.700
6007074129855	600707	4129855	8.05E-07	0.805	1.700
6007174129855	600717	4129855	7.78E-07	0.778	1.700
6007274129855	600727	4129855	7.50E-07	0.750	1.700
6007374129855	600737	4129855	7.23E-07	0.723	1.700
6007474129855	600747	4129855	6.95E-07	0.695	1.700
6007574129855	600757	4129855	6.68E-07	0.668	1.700
6007674129855	600767	4129855	6.42E-07	0.642	1.700
6007774129855	600777	4129855	6.16E-07	0.616	1.700
6007874129855	600787	4129855	5.91E-07	0.591	1.700
6007974129855	600797	4129855	5.66E-07	0.566	1.700
6008074129855	600807	4129855	5.43E-07	0.543	1.700
6008174129855	600817	4129855	5.21E-07	0.521	1.700
6008274129855	600827	4129855	4.99E-07	0.499	1.700
6008374129855	600837	4129855	4.78E-07	0.478	1.700
6008474129855	600847	4129855	4.58E-07	0.458	1.700
6008574129855	600857	4129855	4.40E-07	0.440	1.700
6008674129855	600867	4129855	4.22E-07	0.422	1.700
6008774129855	600877	4129855	4.05E-07	0.405	1.700
6008874129855	600887	4129855	3.88E-07	0.388	1.700
6008974129855	600897	4129855	3.73E-07	0.373	1.700
6001774129865	600177	4129865	6.82E-08	0.068	1.700
6001874129865	600187	4129865	7.01E-08	0.070	1.700



6001974129865	600197	4129865	7.20E-08	0.072	1.700
6002074129865	600207	4129865	7.40E-08	0.074	1.700
6002174129865	600217	4129865	7.60E-08	0.076	1.700
6002274129865	600227	4129865	7.80E-08	0.078	1.700
6002374129865	600237	4129865	8.00E-08	0.080	1.700
6002474129865	600247	4129865	8.20E-08	0.082	1.700
6002574129865	600257	4129865	8.41E-08	0.084	1.700
6002674129865	600267	4129865	8.61E-08	0.086	1.700
6002774129865	600277	4129865	8.82E-08	0.088	1.700
6002874129865	600287	4129865	9.03E-08	0.090	1.700
6002974129865	600297	4129865	9.24E-08	0.092	1.700
6003074129865	600307	4129865	9.47E-08	0.095	1.700
6003174129865	600317	4129865	9.70E-08	0.097	1.700
6003274129865	600327	4129865	9.95E-08	0.099	1.700
6003374129865	600337	4129865	1.02E-07	0.102	1.700
6003474129865	600347	4129865	1.05E-07	0.105	1.700
6003574129865	600357	4129865	1.08E-07	0.108	1.700
6003674129865	600367	4129865	1.12E-07	0.112	1.700
6003774129865	600377	4129865	1.17E-07	0.117	1.700
6003874129865	600387	4129865	1.22E-07	0.122	1.700
6003974129865	600397	4129865	1.28E-07	0.128	1.700
6004074129865	600407	4129865	1.36E-07	0.136	1.700
6004174129865	600417	4129865	1.46E-07	0.146	1.700
6004274129865	600427	4129865	1.58E-07	0.158	1.700
6004374129865	600437	4129865	1.74E-07	0.174	1.700
6004474129865	600447	4129865	1.94E-07	0.194	1.700
6004574129865	600457	4129865	2.20E-07	0.220	1.700
6004674129865	600467	4129865	2.51E-07	0.251	1.700
6004774129865	600477	4129865	2.90E-07	0.290	1.700
6004874129865	600487	4129865	3.37E-07	0.337	1.700
6004974129865	600497	4129865	3.93E-07	0.393	1.700
6005074129865	600507	4129865	4.58E-07	0.458	1.700
6005174129865	600517	4129865	5.32E-07	0.532	1.700
6005274129865	600527	4129865	6.17E-07	0.617	1.700
6005374129865	600537	4129865	7.10E-07	0.710	1.700
6005474129865	600547	4129865	8.07E-07	0.807	1.700
6005574129865	600557	4129865	8.97E-07	0.897	1.700
6005674129865	600567	4129865	9.76E-07	0.976	1.700
6005774129865	600577	4129865	1.03E-06	1.033	1.700
6005874129865	600587	4129865	1.07E-06	1.074	1.700
6005974129865	600597	4129865	1.10E-06	1.099	1.700
6006074129865	600607	4129865	1.11E-06	1.111	1.700
6006174129865	600617	4129865	1.11E-06	1.113	1.700
6006274129865	600627	4129865	1.10E-06	1.105	1.700
6006374129865	600637	4129865	1.09E-06	1.088	1.700
6006474129865	600647	4129865	1.07E-06	1.066	1.700
6006574129865	600657	4129865	1.04E-06	1.040	1.700
6006674129865	600667	4129865	1.01E-06	1.010	1.700
6006774129865	600677	4129865	9.78E-07	0.978	1.700
6006874129865	600687	4129865	9.44E-07	0.944	1.700
6006974129865	600697	4129865	9.09E-07	0.909	1.700
6007074129865	600707	4129865	8.74E-07	0.874	1.700
6007174129865	600717	4129865	8.39E-07	0.839	1.700
6007274129865	600727	4129865	8.04E-07	0.804	1.700
6007374129865	600737	4129865	7.70E-07	0.770	1.700

6007474129865	600747	4129865	7.36E-07	0.736	1.700
6007574129865	600757	4129865	7.04E-07	0.704	1.700
6007674129865	600767	4129865	6.73E-07	0.673	1.700
6007774129865	600777	4129865	6.43E-07	0.643	1.700
6007874129865	600787	4129865	6.14E-07	0.614	1.700
6007974129865	600797	4129865	5.86E-07	0.586	1.700
6008074129865	600807	4129865	5.60E-07	0.560	1.700
6008174129865	600817	4129865	5.35E-07	0.535	1.700
6008274129865	600827	4129865	5.11E-07	0.511	1.700
6008374129865	600837	4129865	4.89E-07	0.489	1.700
6008474129865	600847	4129865	4.67E-07	0.467	1.700
6008574129865	600857	4129865	4.46E-07	0.446	1.700
6008674129865	600867	4129865	4.27E-07	0.427	1.700
6008774129865	600877	4129865	4.09E-07	0.409	1.700
6008874129865	600887	4129865	3.92E-07	0.392	1.700
6008974129865	600897	4129865	3.75E-07	0.375	1.700
6001774129875	600177	4129875	7.28E-08	0.073	1.700
6001874129875	600187	4129875	7.50E-08	0.075	1.700
6001974129875	600197	4129875	7.72E-08	0.077	1.700
6002074129875	600207	4129875	7.94E-08	0.079	1.700
6002174129875	600217	4129875	8.16E-08	0.082	1.700
6002274129875	600227	4129875	8.39E-08	0.084	1.700
6002374129875	600237	4129875	8.62E-08	0.086	1.700
6002474129875	600247	4129875	8.86E-08	0.089	1.700
6002574129875	600257	4129875	9.09E-08	0.091	1.700
6002674129875	600267	4129875	9.32E-08	0.093	1.700
6002774129875	600277	4129875	9.56E-08	0.096	1.700
6002874129875	600287	4129875	9.79E-08	0.098	1.700
6002974129875	600297	4129875	1.00E-07	0.100	1.700
6003074129875	600307	4129875	1.03E-07	0.103	1.700
6003174129875	600317	4129875	1.06E-07	0.106	1.700
6003274129875	600327	4129875	1.08E-07	0.108	1.700
6003374129875	600337	4129875	1.11E-07	0.111	1.700
6003474129875	600347	4129875	1.15E-07	0.115	1.700
6003574129875	600357	4129875	1.18E-07	0.118	1.700
6003674129875	600367	4129875	1.22E-07	0.122	1.700
6003774129875	600377	4129875	1.27E-07	0.127	1.700
6003874129875	600387	4129875	1.33E-07	0.133	1.700
6003974129875	600397	4129875	1.39E-07	0.139	1.700
6004074129875	600407	4129875	1.48E-07	0.148	1.700
6004174129875	600417	4129875	1.58E-07	0.158	1.700
6004274129875	600427	4129875	1.71E-07	0.171	1.700
6004374129875	600437	4129875	1.89E-07	0.189	1.700
6004474129875	600447	4129875	2.11E-07	0.211	1.700
6004574129875	600457	4129875	2.39E-07	0.239	1.700
6004674129875	600467	4129875	2.75E-07	0.275	1.700
6004774129875	600477	4129875	3.19E-07	0.319	1.700
6004874129875	600487	4129875	3.74E-07	0.374	1.700
6004974129875	600497	4129875	4.39E-07	0.439	1.700
6005074129875	600507	4129875	5.17E-07	0.517	1.700
6005174129875	600517	4129875	6.06E-07	0.606	1.700
6005274129875	600527	4129875	7.12E-07	0.712	1.700
6005374129875	600537	4129875	8.33E-07	0.833	1.700
6005474129875	600547	4129875	9.65E-07	0.965	1.700
6005574129875	600557	4129875	1.09E-06	1.090	1.700

6005674129875	600567	4129875	1.19E-06	1.186	1.700
6005774129875	600577	4129875	1.25E-06	1.251	1.700
6005874129875	600587	4129875	1.29E-06	1.294	1.700
6005974129875	600597	4129875	1.31E-06	1.315	1.700
6006074129875	600607	4129875	1.32E-06	1.317	1.700
6006174129875	600617	4129875	1.30E-06	1.304	1.700
6006274129875	600627	4129875	1.28E-06	1.281	1.700
6006374129875	600637	4129875	1.25E-06	1.249	1.700
6006474129875	600647	4129875	1.21E-06	1.212	1.700
6006574129875	600657	4129875	1.17E-06	1.170	1.700
6006674129875	600667	4129875	1.13E-06	1.127	1.700
6006774129875	600677	4129875	1.08E-06	1.081	1.700
6006874129875	600687	4129875	1.04E-06	1.036	1.700
6006974129875	600697	4129875	9.90E-07	0.990	1.700
6007074129875	600707	4129875	9.44E-07	0.944	1.700
6007174129875	600717	4129875	9.00E-07	0.900	1.700
6007274129875	600727	4129875	8.56E-07	0.856	1.700
6007374129875	600737	4129875	8.15E-07	0.815	1.700
6007474129875	600747	4129875	7.75E-07	0.775	1.700
6007574129875	600757	4129875	7.37E-07	0.737	1.700
6007674129875	600767	4129875	7.00E-07	0.700	1.700
6007774129875	600777	4129875	6.66E-07	0.666	1.700
6007874129875	600787	4129875	6.33E-07	0.633	1.700
6007974129875	600797	4129875	6.03E-07	0.603	1.700
6008074129875	600807	4129875	5.74E-07	0.574	1.700
6008174129875	600817	4129875	5.46E-07	0.546	1.700
6008274129875	600827	4129875	5.20E-07	0.520	1.700
6008374129875	600837	4129875	4.96E-07	0.496	1.700
6008474129875	600847	4129875	4.73E-07	0.473	1.700
6008574129875	600857	4129875	4.51E-07	0.451	1.700
6008674129875	600867	4129875	4.30E-07	0.430	1.700
6008774129875	600877	4129875	4.11E-07	0.411	1.700
6008874129875	600887	4129875	3.93E-07	0.393	1.700
6008974129875	600897	4129875	3.76E-07	0.376	1.700
6009074129875	600907	4129875	3.61E-07	0.361	1.700
6001774129885	600177	4129885	7.80E-08	0.078	1.700
6001874129885	600187	4129885	8.04E-08	0.080	1.700
6001974129885	600197	4129885	8.29E-08	0.083	1.700
6002074129885	600207	4129885	8.55E-08	0.085	1.700
6002174129885	600217	4129885	8.80E-08	0.088	1.700
6002274129885	600227	4129885	9.06E-08	0.091	1.700
6002374129885	600237	4129885	9.33E-08	0.093	1.700
6002474129885	600247	4129885	9.60E-08	0.096	1.700
6002574129885	600257	4129885	9.86E-08	0.099	1.700
6002674129885	600267	4129885	1.01E-07	0.101	1.700
6002774129885	600277	4129885	1.04E-07	0.104	1.700
6002874129885	600287	4129885	1.07E-07	0.107	1.700
6002974129885	600297	4129885	1.10E-07	0.110	1.700
6003074129885	600307	4129885	1.12E-07	0.112	1.700
6003174129885	600317	4129885	1.15E-07	0.115	1.700
6003274129885	600327	4129885	1.19E-07	0.119	1.700
6003374129885	600337	4129885	1.22E-07	0.122	1.700
6003474129885	600347	4129885	1.26E-07	0.126	1.700
6003574129885	600357	4129885	1.30E-07	0.130	1.700
6003674129885	600367	4129885	1.35E-07	0.135	1.700

6003774129885	600377	4129885	1.40E-07	0.140	1.700
6003874129885	600387	4129885	1.46E-07	0.146	1.700
6003974129885	600397	4129885	1.53E-07	0.153	1.700
6004074129885	600407	4129885	1.62E-07	0.162	1.700
6004174129885	600417	4129885	1.73E-07	0.173	1.700
6004274129885	600427	4129885	1.87E-07	0.187	1.700
6004374129885	600437	4129885	2.06E-07	0.206	1.700
6004474129885	600447	4129885	2.30E-07	0.230	1.700
6004574129885	600457	4129885	2.62E-07	0.262	1.700
6004674129885	600467	4129885	3.03E-07	0.303	1.700
6004774129885	600477	4129885	3.55E-07	0.355	1.700
6004874129885	600487	4129885	4.19E-07	0.419	1.700
6004974129885	600497	4129885	4.96E-07	0.496	1.700
6005074129885	600507	4129885	5.88E-07	0.588	1.700
6005174129885	600517	4129885	6.97E-07	0.697	1.700
6005274129885	600527	4129885	8.30E-07	0.830	1.700
6005374129885	600537	4129885	9.93E-07	0.993	1.700
6005474129885	600547	4129885	1.19E-06	1.192	1.700
6005574129885	600557	4129885	1.37E-06	1.365	1.700
6005674129885	600567	4129885	1.48E-06	1.484	1.700
6005774129885	600577	4129885	1.56E-06	1.556	1.700
6005874129885	600587	4129885	1.59E-06	1.589	1.700
6005974129885	600597	4129885	1.59E-06	1.593	1.700
6006074129885	600607	4129885	1.57E-06	1.574	1.700
6006174129885	600617	4129885	1.54E-06	1.537	1.700
6006274129885	600627	4129885	1.49E-06	1.489	1.700
6006374129885	600637	4129885	1.43E-06	1.434	1.700
6006474129885	600647	4129885	1.37E-06	1.375	1.700
6006574129885	600657	4129885	1.31E-06	1.313	1.700
6006674129885	600667	4129885	1.25E-06	1.252	1.700
6006774129885	600677	4129885	1.19E-06	1.190	1.700
6006874129885	600687	4129885	1.13E-06	1.129	1.700
6006974129885	600697	4129885	1.07E-06	1.070	1.700
6007074129885	600707	4129885	1.01E-06	1.012	1.700
6007174129885	600717	4129885	9.57E-07	0.957	1.700
6007274129885	600727	4129885	9.05E-07	0.905	1.700
6007374129885	600737	4129885	8.56E-07	0.856	1.700
6007474129885	600747	4129885	8.09E-07	0.809	1.700
6007574129885	600757	4129885	7.65E-07	0.765	1.700
6007674129885	600767	4129885	7.24E-07	0.724	1.700
6007774129885	600777	4129885	6.85E-07	0.685	1.700
6007874129885	600787	4129885	6.49E-07	0.649	1.700
6007974129885	600797	4129885	6.15E-07	0.615	1.700
6008074129885	600807	4129885	5.84E-07	0.584	1.700
6008174129885	600817	4129885	5.54E-07	0.554	1.700
6008274129885	600827	4129885	5.27E-07	0.527	1.700
6008374129885	600837	4129885	5.01E-07	0.501	1.700
6008474129885	600847	4129885	4.76E-07	0.476	1.700
6008574129885	600857	4129885	4.54E-07	0.454	1.700
6008674129885	600867	4129885	4.32E-07	0.432	1.700
6008774129885	600877	4129885	4.12E-07	0.412	1.700
6008874129885	600887	4129885	3.93E-07	0.393	1.700
6008974129885	600897	4129885	3.76E-07	0.376	1.700
6009074129885	600907	4129885	3.59E-07	0.359	1.700
6001774129895	600177	4129895	8.37E-08	0.084	1.700

6001874129895	600187	4129895	8.65E-08	0.087	1.700
6001974129895	600197	4129895	8.94E-08	0.089	1.700
6002074129895	600207	4129895	9.23E-08	0.092	1.700
6002174129895	600217	4129895	9.52E-08	0.095	1.700
6002274129895	600227	4129895	9.83E-08	0.098	1.700
6002374129895	600237	4129895	1.01E-07	0.101	1.700
6002474129895	600247	4129895	1.04E-07	0.104	1.700
6002574129895	600257	4129895	1.07E-07	0.107	1.700
6002674129895	600267	4129895	1.10E-07	0.110	1.700
6002774129895	600277	4129895	1.14E-07	0.114	1.700
6002874129895	600287	4129895	1.17E-07	0.117	1.700
6002974129895	600297	4129895	1.20E-07	0.120	1.700
6003074129895	600307	4129895	1.23E-07	0.123	1.700
6003174129895	600317	4129895	1.27E-07	0.127	1.700
6003274129895	600327	4129895	1.31E-07	0.131	1.700
6003374129895	600337	4129895	1.35E-07	0.135	1.700
6003474129895	600347	4129895	1.39E-07	0.139	1.700
6003574129895	600357	4129895	1.44E-07	0.144	1.700
6003674129895	600367	4129895	1.49E-07	0.149	1.700
6003774129895	600377	4129895	1.55E-07	0.155	1.700
6003874129895	600387	4129895	1.62E-07	0.162	1.700
6003974129895	600397	4129895	1.70E-07	0.170	1.700
6004074129895	600407	4129895	1.79E-07	0.179	1.700
6004174129895	600417	4129895	1.91E-07	0.191	1.700
6004274129895	600427	4129895	2.07E-07	0.207	1.700
6004374129895	600437	4129895	2.27E-07	0.227	1.700
6004474129895	600447	4129895	2.55E-07	0.255	1.700
6004574129895	600457	4129895	2.91E-07	0.291	1.700
6004674129895	600467	4129895	3.38E-07	0.338	1.700
6004774129895	600477	4129895	3.99E-07	0.399	1.700
6004874129895	600487	4129895	4.76E-07	0.476	1.700
6004974129895	600497	4129895	5.70E-07	0.570	1.700
6005074129895	600507	4129895	6.81E-07	0.681	1.700
6005174129895	600517	4129895	8.15E-07	0.815	1.700
6005274129895	600527	4129895	9.82E-07	0.982	1.700
6005374129895	600537	4129895	1.21E-06	1.209	1.700
6005474129895	600547	4129895	1.52E-06	1.517	1.700
6005574129895	600557	4129895	1.78E-06	1.783	1.700
6005674129895	600567	4129895	1.93E-06	1.935	1.700
6005774129895	600577	4129895	1.99E-06	1.991	1.700
6005874129895	600587	4129895	1.99E-06	1.987	1.700
6005974129895	600597	4129895	1.95E-06	1.948	1.700
6006074129895	600607	4129895	1.89E-06	1.888	1.700
6006174129895	600617	4129895	1.81E-06	1.813	1.700
6006274129895	600627	4129895	1.73E-06	1.728	1.700
6006374129895	600637	4129895	1.64E-06	1.641	1.700
6006474129895	600647	4129895	1.55E-06	1.553	1.700
6006574129895	600657	4129895	1.47E-06	1.466	1.700
6006674129895	600667	4129895	1.38E-06	1.381	1.700
6006774129895	600677	4129895	1.30E-06	1.300	1.700
6006874129895	600687	4129895	1.22E-06	1.221	1.700
6006974129895	600697	4129895	1.15E-06	1.147	1.700
6007074129895	600707	4129895	1.08E-06	1.076	1.700
6007174129895	600717	4129895	1.01E-06	1.010	1.700
6007274129895	600727	4129895	9.49E-07	0.949	1.700

6007374129895	600737	4129895	8.92E-07	0.892	1.700
6007474129895	600747	4129895	8.38E-07	0.838	1.700
6007574129895	600757	4129895	7.89E-07	0.789	1.700
6007674129895	600767	4129895	7.43E-07	0.743	1.700
6007774129895	600777	4129895	7.00E-07	0.700	1.700
6007874129895	600787	4129895	6.61E-07	0.661	1.700
6007974129895	600797	4129895	6.24E-07	0.624	1.700
6008074129895	600807	4129895	5.90E-07	0.590	1.700
6008174129895	600817	4129895	5.59E-07	0.559	1.700
6008274129895	600827	4129895	5.29E-07	0.529	1.700
6008374129895	600837	4129895	5.02E-07	0.502	1.700
6008474129895	600847	4129895	4.77E-07	0.477	1.700
6008574129895	600857	4129895	4.53E-07	0.453	1.700
6008674129895	600867	4129895	4.31E-07	0.431	1.700
6008774129895	600877	4129895	4.10E-07	0.410	1.700
6008874129895	600887	4129895	3.91E-07	0.391	1.700
6008974129895	600897	4129895	3.73E-07	0.373	1.700
6009074129895	600907	4129895	3.57E-07	0.357	1.700
6001674129905	600167	4129905	8.67E-08	0.087	1.700
6001774129905	600177	4129905	8.99E-08	0.090	1.700
6001874129905	600187	4129905	9.32E-08	0.093	1.700
6001974129905	600197	4129905	9.66E-08	0.097	1.700
6002074129905	600207	4129905	1.00E-07	0.100	1.700
6002174129905	600217	4129905	1.03E-07	0.103	1.700
6002274129905	600227	4129905	1.07E-07	0.107	1.700
6002374129905	600237	4129905	1.10E-07	0.110	1.700
6002474129905	600247	4129905	1.14E-07	0.114	1.700
6002574129905	600257	4129905	1.17E-07	0.117	1.700
6002674129905	600267	4129905	1.21E-07	0.121	1.700
6002774129905	600277	4129905	1.25E-07	0.125	1.700
6002874129905	600287	4129905	1.28E-07	0.128	1.700
6002974129905	600297	4129905	1.32E-07	0.132	1.700
6003074129905	600307	4129905	1.36E-07	0.136	1.700
6003174129905	600317	4129905	1.40E-07	0.140	1.700
6003274129905	600327	4129905	1.45E-07	0.145	1.700
6003374129905	600337	4129905	1.50E-07	0.150	1.700
6003474129905	600347	4129905	1.55E-07	0.155	1.700
6003574129905	600357	4129905	1.60E-07	0.160	1.700
6003674129905	600367	4129905	1.67E-07	0.167	1.700
6003774129905	600377	4129905	1.73E-07	0.173	1.700
6003874129905	600387	4129905	1.81E-07	0.181	1.700
6003974129905	600397	4129905	1.90E-07	0.190	1.700
6004074129905	600407	4129905	2.01E-07	0.201	1.700
6004174129905	600417	4129905	2.14E-07	0.214	1.700
6004274129905	600427	4129905	2.31E-07	0.231	1.700
6004374129905	600437	4129905	2.54E-07	0.254	1.700
6004474129905	600447	4129905	2.85E-07	0.285	1.700
6004574129905	600457	4129905	3.27E-07	0.327	1.700
6004674129905	600467	4129905	3.83E-07	0.383	1.700
6004774129905	600477	4129905	4.57E-07	0.457	1.700
6004874129905	600487	4129905	5.52E-07	0.552	1.700
6004974129905	600497	4129905	6.69E-07	0.669	1.700
6005074129905	600507	4129905	8.10E-07	0.810	1.700
6005174129905	600517	4129905	9.83E-07	0.983	1.700
6005274129905	600527	4129905	1.20E-06	1.197	1.700

6005374129905	600537	4129905	1.49E-06	1.492	1.700
6005474129905	600547	4129905	1.91E-06	1.912	1.700
6005574129905	600557	4129905	2.24E-06	2.236	1.700
6005674129905	600567	4129905	2.37E-06	2.375	1.700
6005774129905	600577	4129905	2.58E-06	2.585	1.700
6005874129905	600587	4129905	2.50E-06	2.497	1.700
6005974129905	600597	4129905	2.38E-06	2.385	1.700
6006074129905	600607	4129905	2.26E-06	2.260	1.700
6006174129905	600617	4129905	2.13E-06	2.128	1.700
6006274129905	600627	4129905	2.00E-06	1.996	1.700
6006374129905	600637	4129905	1.87E-06	1.866	1.700
6006474129905	600647	4129905	1.74E-06	1.741	1.700
6006574129905	600657	4129905	1.62E-06	1.622	1.700
6006674129905	600667	4129905	1.51E-06	1.510	1.700
6006774129905	600677	4129905	1.41E-06	1.405	1.700
6006874129905	600687	4129905	1.31E-06	1.307	1.700
6006974129905	600697	4129905	1.22E-06	1.216	1.700
6007074129905	600707	4129905	1.13E-06	1.132	1.700
6007174129905	600717	4129905	1.06E-06	1.055	1.700
6007274129905	600727	4129905	9.84E-07	0.984	1.700
6007374129905	600737	4129905	9.19E-07	0.919	1.700
6007474129905	600747	4129905	8.60E-07	0.860	1.700
6007574129905	600757	4129905	8.05E-07	0.805	1.700
6007674129905	600767	4129905	7.55E-07	0.755	1.700
6007774129905	600777	4129905	7.09E-07	0.709	1.700
6007874129905	600787	4129905	6.67E-07	0.667	1.700
6007974129905	600797	4129905	6.28E-07	0.628	1.700
6008074129905	600807	4129905	5.92E-07	0.592	1.700
6008174129905	600817	4129905	5.59E-07	0.559	1.700
6008274129905	600827	4129905	5.29E-07	0.529	1.700
6008374129905	600837	4129905	5.01E-07	0.501	1.700
6008474129905	600847	4129905	4.75E-07	0.475	1.700
6008574129905	600857	4129905	4.50E-07	0.450	1.700
6008674129905	600867	4129905	4.28E-07	0.428	1.700
6008774129905	600877	4129905	4.06E-07	0.406	1.700
6008874129905	600887	4129905	3.87E-07	0.387	1.700
6008974129905	600897	4129905	3.69E-07	0.369	1.700
6009074129905	600907	4129905	3.52E-07	0.352	1.700
6001674129915	600167	4129915	9.32E-08	0.093	1.700
6001774129915	600177	4129915	9.69E-08	0.097	1.700
6001874129915	600187	4129915	1.01E-07	0.101	1.700
6001974129915	600197	4129915	1.05E-07	0.105	1.700
6002074129915	600207	4129915	1.09E-07	0.109	1.700
6002174129915	600217	4129915	1.13E-07	0.113	1.700
6002274129915	600227	4129915	1.17E-07	0.117	1.700
6002374129915	600237	4129915	1.21E-07	0.121	1.700
6002474129915	600247	4129915	1.25E-07	0.125	1.700
6002574129915	600257	4129915	1.29E-07	0.129	1.700
6002674129915	600267	4129915	1.33E-07	0.133	1.700
6002774129915	600277	4129915	1.37E-07	0.137	1.700
6002874129915	600287	4129915	1.42E-07	0.142	1.700
6002974129915	600297	4129915	1.46E-07	0.146	1.700
6003074129915	600307	4129915	1.51E-07	0.151	1.700
6003174129915	600317	4129915	1.56E-07	0.156	1.700
6003274129915	600327	4129915	1.61E-07	0.161	1.700

6003374129915	600337	4129915	1.67E-07	0.167	1.700
6003474129915	600347	4129915	1.73E-07	0.173	1.700
6003574129915	600357	4129915	1.80E-07	0.180	1.700
6003674129915	600367	4129915	1.87E-07	0.187	1.700
6003774129915	600377	4129915	1.95E-07	0.195	1.700
6003874129915	600387	4129915	2.04E-07	0.204	1.700
6003974129915	600397	4129915	2.15E-07	0.215	1.700
6004074129915	600407	4129915	2.27E-07	0.227	1.700
6004174129915	600417	4129915	2.42E-07	0.242	1.700
6004274129915	600427	4129915	2.61E-07	0.261	1.700
6004374129915	600437	4129915	2.87E-07	0.287	1.700
6004474129915	600447	4129915	3.22E-07	0.322	1.700
6004574129915	600457	4129915	3.72E-07	0.372	1.700
6004674129915	600467	4129915	4.40E-07	0.440	1.700
6004774129915	600477	4129915	5.32E-07	0.532	1.700
6004874129915	600487	4129915	6.54E-07	0.654	1.700
6004974129915	600497	4129915	8.06E-07	0.806	1.700
6005074129915	600507	4129915	9.96E-07	0.996	1.700
6005174129915	600517	4129915	1.23E-06	1.234	1.700
6005274129915	600527	4129915	1.54E-06	1.543	1.700
6005674129915	600567	4129915	2.85E-06	2.845	1.700
6005774129915	600577	4129915	3.15E-06	3.150	1.700
6005874129915	600587	4129915	3.11E-06	3.107	1.700
6005974129915	600597	4129915	2.90E-06	2.897	1.700
6006074129915	600607	4129915	2.69E-06	2.686	1.700
6006174129915	600617	4129915	2.48E-06	2.479	1.700
6006274129915	600627	4129915	2.28E-06	2.284	1.700
6006374129915	600637	4129915	2.10E-06	2.101	1.700
6006474129915	600647	4129915	1.93E-06	1.932	1.700
6006574129915	600657	4129915	1.77E-06	1.774	1.700
6006674129915	600667	4129915	1.63E-06	1.631	1.700
6006774129915	600677	4129915	1.50E-06	1.501	1.700
6006874129915	600687	4129915	1.38E-06	1.382	1.700
6006974129915	600697	4129915	1.27E-06	1.274	1.700
6007074129915	600707	4129915	1.18E-06	1.178	1.700
6007174129915	600717	4129915	1.09E-06	1.089	1.700
6007274129915	600727	4129915	1.01E-06	1.010	1.700
6007374129915	600737	4129915	9.38E-07	0.938	1.700
6007474129915	600747	4129915	8.73E-07	0.873	1.700
6007574129915	600757	4129915	8.14E-07	0.814	1.700
6007674129915	600767	4129915	7.61E-07	0.761	1.700
6007774129915	600777	4129915	7.12E-07	0.712	1.700
6007874129915	600787	4129915	6.68E-07	0.668	1.700
6007974129915	600797	4129915	6.27E-07	0.627	1.700
6008074129915	600807	4129915	5.90E-07	0.590	1.700
6008174129915	600817	4129915	5.56E-07	0.556	1.700
6008274129915	600827	4129915	5.25E-07	0.525	1.700
6008374129915	600837	4129915	4.96E-07	0.496	1.700
6008474129915	600847	4129915	4.70E-07	0.470	1.700
6008574129915	600857	4129915	4.45E-07	0.445	1.700
6008674129915	600867	4129915	4.22E-07	0.422	1.700
6008774129915	600877	4129915	4.01E-07	0.401	1.700
6008874129915	600887	4129915	3.81E-07	0.381	1.700
6008974129915	600897	4129915	3.63E-07	0.363	1.700
6009074129915	600907	4129915	3.47E-07	0.347	1.700



6009174129915	600917	4129915	3.31E-07	0.331	1.700
6001674129925	600167	4129925	1.00E-07	0.100	1.700
6001774129925	600177	4129925	1.05E-07	0.105	1.700
6001874129925	600187	4129925	1.09E-07	0.109	1.700
6001974129925	600197	4129925	1.14E-07	0.114	1.700
6002074129925	600207	4129925	1.19E-07	0.119	1.700
6002174129925	600217	4129925	1.23E-07	0.123	1.700
6002274129925	600227	4129925	1.28E-07	0.128	1.700
6002374129925	600237	4129925	1.33E-07	0.133	1.700
6002474129925	600247	4129925	1.38E-07	0.138	1.700
6002574129925	600257	4129925	1.42E-07	0.142	1.700
6002674129925	600267	4129925	1.47E-07	0.147	1.700
6002774129925	600277	4129925	1.52E-07	0.152	1.700
6002874129925	600287	4129925	1.57E-07	0.157	1.700
6002974129925	600297	4129925	1.62E-07	0.162	1.700
6003074129925	600307	4129925	1.68E-07	0.168	1.700
6003174129925	600317	4129925	1.74E-07	0.174	1.700
6003274129925	600327	4129925	1.81E-07	0.181	1.700
6003374129925	600337	4129925	1.88E-07	0.188	1.700
6003474129925	600347	4129925	1.95E-07	0.195	1.700
6003574129925	600357	4129925	2.03E-07	0.203	1.700
6003674129925	600367	4129925	2.12E-07	0.212	1.700
6003774129925	600377	4129925	2.22E-07	0.222	1.700
6003874129925	600387	4129925	2.32E-07	0.232	1.700
6003974129925	600397	4129925	2.44E-07	0.244	1.700
6004074129925	600407	4129925	2.59E-07	0.259	1.700
6004174129925	600417	4129925	2.76E-07	0.276	1.700
6004274129925	600427	4129925	2.98E-07	0.298	1.700
6004374129925	600437	4129925	3.28E-07	0.328	1.700
6004474129925	600447	4129925	3.68E-07	0.368	1.700
6004574129925	600457	4129925	4.27E-07	0.427	1.700
6004674129925	600467	4129925	5.11E-07	0.511	1.700
6004774129925	600477	4129925	6.29E-07	0.629	1.700
6004874129925	600487	4129925	7.89E-07	0.789	1.700
6004974129925	600497	4129925	9.95E-07	0.995	1.700
6005074129925	600507	4129925	1.26E-06	1.261	1.700
6005174129925	600517	4129925	1.61E-06	1.607	1.700
6005774129925	600577	4129925	3.48E-06	3.482	1.700
6005874129925	600587	4129925	3.49E-06	3.492	1.700
6005974129925	600597	4129925	3.48E-06	3.477	1.700
6006074129925	600607	4129925	3.16E-06	3.161	1.700
6006174129925	600617	4129925	2.86E-06	2.860	1.700
6006274129925	600627	4129925	2.58E-06	2.584	1.700
6006374129925	600637	4129925	2.33E-06	2.334	1.700
6006474129925	600647	4129925	2.11E-06	2.112	1.700
6006574129925	600657	4129925	1.91E-06	1.913	1.700
6006674129925	600667	4129925	1.73E-06	1.735	1.700
6006774129925	600677	4129925	1.58E-06	1.578	1.700
6006874129925	600687	4129925	1.44E-06	1.439	1.700
6006974129925	600697	4129925	1.32E-06	1.316	1.700
6007074129925	600707	4129925	1.21E-06	1.207	1.700
6007174129925	600717	4129925	1.11E-06	1.110	1.700
6007274129925	600727	4129925	1.02E-06	1.024	1.700
6007374129925	600737	4129925	9.47E-07	0.947	1.700
6007474129925	600747	4129925	8.77E-07	0.877	1.700

6007574129925	600757	4129925	8.15E-07	0.815	1.700
6007674129925	600767	4129925	7.60E-07	0.760	1.700
6007774129925	600777	4129925	7.09E-07	0.709	1.700
6007874129925	600787	4129925	6.63E-07	0.663	1.700
6007974129925	600797	4129925	6.22E-07	0.622	1.700
6008074129925	600807	4129925	5.84E-07	0.584	1.700
6008174129925	600817	4129925	5.49E-07	0.549	1.700
6008274129925	600827	4129925	5.18E-07	0.518	1.700
6008374129925	600837	4129925	4.89E-07	0.489	1.700
6008474129925	600847	4129925	4.62E-07	0.462	1.700
6008574129925	600857	4129925	4.37E-07	0.437	1.700
6008674129925	600867	4129925	4.14E-07	0.414	1.700
6008774129925	600877	4129925	3.94E-07	0.394	1.700
6008874129925	600887	4129925	3.74E-07	0.374	1.700
6008974129925	600897	4129925	3.56E-07	0.356	1.700
6009074129925	600907	4129925	3.40E-07	0.340	1.700
6009174129925	600917	4129925	3.24E-07	0.324	1.700
6001674129935	600167	4129935	1.08E-07	0.108	1.700
6001774129935	600177	4129935	1.14E-07	0.114	1.700
6001874129935	600187	4129935	1.19E-07	0.119	1.700
6001974129935	600197	4129935	1.24E-07	0.124	1.700
6002074129935	600207	4129935	1.30E-07	0.130	1.700
6002174129935	600217	4129935	1.36E-07	0.136	1.700
6002274129935	600227	4129935	1.41E-07	0.141	1.700
6002374129935	600237	4129935	1.47E-07	0.147	1.700
6002474129935	600247	4129935	1.53E-07	0.153	1.700
6002574129935	600257	4129935	1.58E-07	0.158	1.700
6002674129935	600267	4129935	1.64E-07	0.164	1.700
6002774129935	600277	4129935	1.69E-07	0.169	1.700
6002874129935	600287	4129935	1.75E-07	0.175	1.700
6002974129935	600297	4129935	1.82E-07	0.182	1.700
6003074129935	600307	4129935	1.89E-07	0.189	1.700
6003174129935	600317	4129935	1.96E-07	0.196	1.700
6003274129935	600327	4129935	2.04E-07	0.204	1.700
6003374129935	600337	4129935	2.12E-07	0.212	1.700
6003474129935	600347	4129935	2.21E-07	0.221	1.700
6003574129935	600357	4129935	2.30E-07	0.230	1.700
6003674129935	600367	4129935	2.41E-07	0.241	1.700
6003774129935	600377	4129935	2.53E-07	0.253	1.700
6003874129935	600387	4129935	2.65E-07	0.265	1.700
6003974129935	600397	4129935	2.80E-07	0.280	1.700
6004074129935	600407	4129935	2.97E-07	0.297	1.700
6004174129935	600417	4129935	3.18E-07	0.318	1.700
6004274129935	600427	4129935	3.44E-07	0.344	1.700
6004374129935	600437	4129935	3.78E-07	0.378	1.700
6004474129935	600447	4129935	4.25E-07	0.425	1.700
6004574129935	600457	4129935	4.95E-07	0.495	1.700
6004674129935	600467	4129935	5.98E-07	0.598	1.700
6004774129935	600477	4129935	7.49E-07	0.749	1.700
6004874129935	600487	4129935	9.62E-07	0.962	1.700
6004974129935	600497	4129935	1.25E-06	1.247	1.700
6005074129935	600507	4129935	1.63E-06	1.628	1.700
6005174129935	600517	4129935	2.10E-06	2.104	1.700
6005874129935	600587	4129935	3.78E-06	3.776	1.700
6005974129935	600597	4129935	3.75E-06	3.754	1.700

6006074129935	600607	4129935	3.68E-06	3.680	1.700
6006174129935	600617	4129935	3.26E-06	3.260	1.700
6006274129935	600627	4129935	2.88E-06	2.882	1.700
6006374129935	600637	4129935	2.55E-06	2.552	1.700
6006474129935	600647	4129935	2.27E-06	2.266	1.700
6006574129935	600657	4129935	2.02E-06	2.022	1.700
6006674129935	600667	4129935	1.81E-06	1.810	1.700
6006774129935	600677	4129935	1.63E-06	1.629	1.700
6006874129935	600687	4129935	1.47E-06	1.473	1.700
6006974129935	600697	4129935	1.34E-06	1.337	1.700
6007074129935	600707	4129935	1.22E-06	1.219	1.700
6007174129935	600717	4129935	1.12E-06	1.116	1.700
6007274129935	600727	4129935	1.03E-06	1.025	1.700
6007374129935	600737	4129935	9.44E-07	0.944	1.700
6007474129935	600747	4129935	8.72E-07	0.872	1.700
6007574129935	600757	4129935	8.09E-07	0.809	1.700
6007674129935	600767	4129935	7.52E-07	0.752	1.700
6007774129935	600777	4129935	7.00E-07	0.700	1.700
6007874129935	600787	4129935	6.54E-07	0.654	1.700
6007974129935	600797	4129935	6.12E-07	0.612	1.700
6008074129935	600807	4129935	5.74E-07	0.574	1.700
6008174129935	600817	4129935	5.39E-07	0.539	1.700
6008274129935	600827	4129935	5.08E-07	0.508	1.700
6008374129935	600837	4129935	4.79E-07	0.479	1.700
6008474129935	600847	4129935	4.52E-07	0.452	1.700
6008574129935	600857	4129935	4.28E-07	0.428	1.700
6008674129935	600867	4129935	4.06E-07	0.406	1.700
6008774129935	600877	4129935	3.85E-07	0.385	1.700
6008874129935	600887	4129935	3.66E-07	0.366	1.700
6008974129935	600897	4129935	3.48E-07	0.348	1.700
6009074129935	600907	4129935	3.32E-07	0.332	1.700
6009174129935	600917	4129935	3.17E-07	0.317	1.700
6001674129945	600167	4129945	1.18E-07	0.118	1.700
6001774129945	600177	4129945	1.24E-07	0.124	1.700
6001874129945	600187	4129945	1.30E-07	0.130	1.700
6001974129945	600197	4129945	1.36E-07	0.136	1.700
6002074129945	600207	4129945	1.43E-07	0.143	1.700
6002174129945	600217	4129945	1.50E-07	0.150	1.700
6002274129945	600227	4129945	1.57E-07	0.157	1.700
6002374129945	600237	4129945	1.64E-07	0.164	1.700
6002474129945	600247	4129945	1.70E-07	0.170	1.700
6002574129945	600257	4129945	1.76E-07	0.176	1.700
6002674129945	600267	4129945	1.83E-07	0.183	1.700
6002774129945	600277	4129945	1.89E-07	0.189	1.700
6002874129945	600287	4129945	1.97E-07	0.197	1.700
6002974129945	600297	4129945	2.05E-07	0.205	1.700
6003074129945	600307	4129945	2.13E-07	0.213	1.700
6003174129945	600317	4129945	2.22E-07	0.222	1.700
6003274129945	600327	4129945	2.31E-07	0.231	1.700
6003374129945	600337	4129945	2.41E-07	0.241	1.700
6003474129945	600347	4129945	2.51E-07	0.251	1.700
6003574129945	600357	4129945	2.63E-07	0.263	1.700
6003674129945	600367	4129945	2.75E-07	0.275	1.700
6003774129945	600377	4129945	2.89E-07	0.289	1.700
6003874129945	600387	4129945	3.05E-07	0.305	1.700

6003974129945	600397	4129945	3.23E-07	0.323	1.700
6004074129945	600407	4129945	3.44E-07	0.344	1.700
6004174129945	600417	4129945	3.69E-07	0.369	1.700
6004274129945	600427	4129945	4.00E-07	0.400	1.700
6004374129945	600437	4129945	4.41E-07	0.441	1.700
6004474129945	600447	4129945	4.96E-07	0.496	1.700
6004574129945	600457	4129945	5.76E-07	0.576	1.700
6004674129945	600467	4129945	7.01E-07	0.701	1.700
6004774129945	600477	4129945	8.94E-07	0.894	1.700
6004874129945	600487	4129945	1.17E-06	1.175	1.700
6004974129945	600497	4129945	1.57E-06	1.574	1.700
6005074129945	600507	4129945	2.12E-06	2.116	1.700
6005974129945	600597	4129945	4.02E-06	4.017	1.700
6006074129945	600607	4129945	3.85E-06	3.851	1.700
6006174129945	600617	4129945	3.54E-06	3.542	1.700
6006274129945	600627	4129945	3.15E-06	3.155	1.700
6006374129945	600637	4129945	2.73E-06	2.726	1.700
6006474129945	600647	4129945	2.38E-06	2.377	1.700
6006574129945	600657	4129945	2.09E-06	2.087	1.700
6006674129945	600667	4129945	1.85E-06	1.848	1.700
6006774129945	600677	4129945	1.65E-06	1.649	1.700
6006874129945	600687	4129945	1.48E-06	1.481	1.700
6006974129945	600697	4129945	1.34E-06	1.339	1.700
6007074129945	600707	4129945	1.21E-06	1.214	1.700
6007174129945	600717	4129945	1.11E-06	1.106	1.700
6007274129945	600727	4129945	1.01E-06	1.013	1.700
6007374129945	600737	4129945	9.30E-07	0.930	1.700
6007474129945	600747	4129945	8.58E-07	0.858	1.700
6007574129945	600757	4129945	7.94E-07	0.794	1.700
6007674129945	600767	4129945	7.37E-07	0.737	1.700
6007774129945	600777	4129945	6.85E-07	0.685	1.700
6007874129945	600787	4129945	6.39E-07	0.639	1.700
6007974129945	600797	4129945	5.98E-07	0.598	1.700
6008074129945	600807	4129945	5.60E-07	0.560	1.700
6008174129945	600817	4129945	5.26E-07	0.526	1.700
6008274129945	600827	4129945	4.95E-07	0.495	1.700
6008374129945	600837	4129945	4.67E-07	0.467	1.700
6008474129945	600847	4129945	4.41E-07	0.441	1.700
6008574129945	600857	4129945	4.17E-07	0.417	1.700
6008674129945	600867	4129945	3.95E-07	0.395	1.700
6008774129945	600877	4129945	3.75E-07	0.375	1.700
6008874129945	600887	4129945	3.56E-07	0.356	1.700
6008974129945	600897	4129945	3.39E-07	0.339	1.700
6009074129945	600907	4129945	3.24E-07	0.324	1.700
6009174129945	600917	4129945	3.09E-07	0.309	1.700
6001674129955	600167	4129955	1.28E-07	0.128	1.700
6001774129955	600177	4129955	1.35E-07	0.135	1.700
6001874129955	600187	4129955	1.42E-07	0.142	1.700
6001974129955	600197	4129955	1.50E-07	0.150	1.700
6002074129955	600207	4129955	1.59E-07	0.159	1.700
6002174129955	600217	4129955	1.67E-07	0.167	1.700
6002274129955	600227	4129955	1.75E-07	0.175	1.700
6002374129955	600237	4129955	1.83E-07	0.183	1.700
6002474129955	600247	4129955	1.91E-07	0.191	1.700
6002574129955	600257	4129955	1.98E-07	0.198	1.700

6002674129955	600267	4129955	2.06E-07	0.206	1.700
6002774129955	600277	4129955	2.14E-07	0.214	1.700
6002874129955	600287	4129955	2.23E-07	0.223	1.700
6002974129955	600297	4129955	2.32E-07	0.232	1.700
6003074129955	600307	4129955	2.42E-07	0.242	1.700
6003174129955	600317	4129955	2.52E-07	0.252	1.700
6003274129955	600327	4129955	2.62E-07	0.262	1.700
6003374129955	600337	4129955	2.74E-07	0.274	1.700
6003474129955	600347	4129955	2.86E-07	0.286	1.700
6003574129955	600357	4129955	3.00E-07	0.300	1.700
6003674129955	600367	4129955	3.15E-07	0.315	1.700
6003774129955	600377	4129955	3.32E-07	0.332	1.700
6003874129955	600387	4129955	3.52E-07	0.352	1.700
6003974129955	600397	4129955	3.74E-07	0.374	1.700
6004074129955	600407	4129955	4.00E-07	0.400	1.700
6004174129955	600417	4129955	4.31E-07	0.431	1.700
6004274129955	600427	4129955	4.70E-07	0.470	1.700
6004374129955	600437	4129955	5.18E-07	0.518	1.700
6004474129955	600447	4129955	5.82E-07	0.582	1.700
6004574129955	600457	4129955	6.75E-07	0.675	1.700
6004674129955	600467	4129955	8.20E-07	0.820	1.700
6004774129955	600477	4129955	1.06E-06	1.057	1.700
6004874129955	600487	4129955	1.43E-06	1.426	1.700
6004974129955	600497	4129955	2.00E-06	1.998	1.700
6006074129955	600607	4129955	3.91E-06	3.914	1.700
6006174129955	600617	4129955	3.57E-06	3.568	1.700
6006274129955	600627	4129955	3.22E-06	3.217	1.700
6006374129955	600637	4129955	2.83E-06	2.835	1.700
6006474129955	600647	4129955	2.42E-06	2.425	1.700
6006574129955	600657	4129955	2.10E-06	2.104	1.700
6006674129955	600667	4129955	1.85E-06	1.846	1.700
6006774129955	600677	4129955	1.64E-06	1.637	1.700
6006874129955	600687	4129955	1.46E-06	1.463	1.700
6006974129955	600697	4129955	1.32E-06	1.317	1.700
6007074129955	600707	4129955	1.19E-06	1.192	1.700
6007174129955	600717	4129955	1.08E-06	1.085	1.700
6007274129955	600727	4129955	9.90E-07	0.990	1.700
6007374129955	600737	4129955	9.08E-07	0.908	1.700
6007474129955	600747	4129955	8.37E-07	0.837	1.700
6007574129955	600757	4129955	7.73E-07	0.773	1.700
6007674129955	600767	4129955	7.16E-07	0.716	1.700
6007774129955	600777	4129955	6.66E-07	0.666	1.700
6007874129955	600787	4129955	6.21E-07	0.621	1.700
6007974129955	600797	4129955	5.80E-07	0.580	1.700
6008074129955	600807	4129955	5.44E-07	0.544	1.700
6008174129955	600817	4129955	5.11E-07	0.511	1.700
6008274129955	600827	4129955	4.80E-07	0.480	1.700
6008374129955	600837	4129955	4.53E-07	0.453	1.700
6008474129955	600847	4129955	4.28E-07	0.428	1.700
6008574129955	600857	4129955	4.05E-07	0.405	1.700
6008674129955	600867	4129955	3.84E-07	0.384	1.700
6008774129955	600877	4129955	3.64E-07	0.364	1.700
6008874129955	600887	4129955	3.46E-07	0.346	1.700
6008974129955	600897	4129955	3.30E-07	0.330	1.700
6009074129955	600907	4129955	3.14E-07	0.314	1.700

6009174129955	600917	4129955	3.00E-07	0.300	1.700
6001674129965	600167	4129965	1.39E-07	0.139	1.700
6001774129965	600177	4129965	1.47E-07	0.147	1.700
6001874129965	600187	4129965	1.57E-07	0.157	1.700
6001974129965	600197	4129965	1.67E-07	0.167	1.700
6002074129965	600207	4129965	1.77E-07	0.177	1.700
6002174129965	600217	4129965	1.88E-07	0.188	1.700
6002274129965	600227	4129965	1.98E-07	0.198	1.700
6002374129965	600237	4129965	2.08E-07	0.208	1.700
6002474129965	600247	4129965	2.16E-07	0.216	1.700
6002574129965	600257	4129965	2.25E-07	0.225	1.700
6002674129965	600267	4129965	2.34E-07	0.234	1.700
6002774129965	600277	4129965	2.44E-07	0.244	1.700
6002874129965	600287	4129965	2.54E-07	0.254	1.700
6002974129965	600297	4129965	2.65E-07	0.265	1.700
6003074129965	600307	4129965	2.76E-07	0.276	1.700
6003174129965	600317	4129965	2.87E-07	0.287	1.700
6003274129965	600327	4129965	2.99E-07	0.299	1.700
6003374129965	600337	4129965	3.12E-07	0.312	1.700
6003474129965	600347	4129965	3.27E-07	0.327	1.700
6003574129965	600357	4129965	3.43E-07	0.343	1.700
6003674129965	600367	4129965	3.61E-07	0.361	1.700
6003774129965	600377	4129965	3.82E-07	0.382	1.700
6003874129965	600387	4129965	4.07E-07	0.407	1.700
6003974129965	600397	4129965	4.36E-07	0.436	1.700
6004074129965	600407	4129965	4.69E-07	0.469	1.700
6004174129965	600417	4129965	5.07E-07	0.507	1.700
6004274129965	600427	4129965	5.55E-07	0.555	1.700
6004374129965	600437	4129965	6.14E-07	0.614	1.700
6004474129965	600447	4129965	6.90E-07	0.690	1.700
6004574129965	600457	4129965	7.96E-07	0.796	1.700
6004674129965	600467	4129965	9.58E-07	0.958	1.700
6004774129965	600477	4129965	1.23E-06	1.232	1.700
6004874129965	600487	4129965	1.72E-06	1.725	1.700
6004974129965	600497	4129965	2.53E-06	2.527	1.700
6006174129965	600617	4129965	3.40E-06	3.401	1.700
6006274129965	600627	4129965	3.03E-06	3.033	1.700
6006374129965	600637	4129965	2.73E-06	2.734	1.700
6006474129965	600647	4129965	2.42E-06	2.422	1.700
6006574129965	600657	4129965	2.08E-06	2.079	1.700
6006674129965	600667	4129965	1.81E-06	1.814	1.700
6006774129965	600677	4129965	1.60E-06	1.603	1.700
6006874129965	600687	4129965	1.43E-06	1.427	1.700
6006974129965	600697	4129965	1.28E-06	1.280	1.700
6007074129965	600707	4129965	1.16E-06	1.157	1.700
6007174129965	600717	4129965	1.05E-06	1.051	1.700
6007274129965	600727	4129965	9.59E-07	0.959	1.700
6007374129965	600737	4129965	8.80E-07	0.880	1.700
6007474129965	600747	4129965	8.10E-07	0.810	1.700
6007574129965	600757	4129965	7.48E-07	0.748	1.700
6007674129965	600767	4129965	6.93E-07	0.693	1.700
6007774129965	600777	4129965	6.44E-07	0.644	1.700
6007874129965	600787	4129965	6.00E-07	0.600	1.700
6007974129965	600797	4129965	5.61E-07	0.561	1.700
6008074129965	600807	4129965	5.26E-07	0.526	1.700

6008174129965	600817	4129965	4.94E-07	0.494	1.700
6008274129965	600827	4129965	4.65E-07	0.465	1.700
6008374129965	600837	4129965	4.38E-07	0.438	1.700
6008474129965	600847	4129965	4.14E-07	0.414	1.700
6008574129965	600857	4129965	3.92E-07	0.392	1.700
6008674129965	600867	4129965	3.72E-07	0.372	1.700
6008774129965	600877	4129965	3.53E-07	0.353	1.700
6008874129965	600887	4129965	3.35E-07	0.335	1.700
6008974129965	600897	4129965	3.19E-07	0.319	1.700
6009074129965	600907	4129965	3.04E-07	0.304	1.700
6009174129965	600917	4129965	2.91E-07	0.291	1.700
6001674129975	600167	4129975	1.52E-07	0.152	1.700
6001774129975	600177	4129975	1.62E-07	0.162	1.700
6001874129975	600187	4129975	1.74E-07	0.174	1.700
6001974129975	600197	4129975	1.86E-07	0.186	1.700
6002074129975	600207	4129975	2.00E-07	0.200	1.700
6002174129975	600217	4129975	2.14E-07	0.214	1.700
6002274129975	600227	4129975	2.27E-07	0.227	1.700
6002374129975	600237	4129975	2.38E-07	0.238	1.700
6002474129975	600247	4129975	2.49E-07	0.249	1.700
6002574129975	600257	4129975	2.59E-07	0.259	1.700
6002674129975	600267	4129975	2.70E-07	0.270	1.700
6002774129975	600277	4129975	2.82E-07	0.282	1.700
6002874129975	600287	4129975	2.93E-07	0.293	1.700
6002974129975	600297	4129975	3.04E-07	0.304	1.700
6003074129975	600307	4129975	3.16E-07	0.316	1.700
6003174129975	600317	4129975	3.28E-07	0.328	1.700
6003274129975	600327	4129975	3.41E-07	0.341	1.700
6003374129975	600337	4129975	3.55E-07	0.355	1.700
6003474129975	600347	4129975	3.72E-07	0.372	1.700
6003574129975	600357	4129975	3.91E-07	0.391	1.700
6003674129975	600367	4129975	4.14E-07	0.414	1.700
6003774129975	600377	4129975	4.41E-07	0.441	1.700
6003874129975	600387	4129975	4.72E-07	0.472	1.700
6003974129975	600397	4129975	5.09E-07	0.509	1.700
6004074129975	600407	4129975	5.52E-07	0.552	1.700
6004174129975	600417	4129975	6.02E-07	0.602	1.700
6004274129975	600427	4129975	6.63E-07	0.663	1.700
6004374129975	600437	4129975	7.37E-07	0.737	1.700
6004474129975	600447	4129975	8.30E-07	0.830	1.700
6004574129975	600457	4129975	9.51E-07	0.951	1.700
6004674129975	600467	4129975	1.13E-06	1.125	1.700
6004774129975	600477	4129975	1.42E-06	1.423	1.700
6004874129975	600487	4129975	2.04E-06	2.044	1.700
6006074129975	600607	4129975	3.63E-06	3.626	1.700
6006174129975	600617	4129975	3.26E-06	3.256	1.700
6006274129975	600627	4129975	2.74E-06	2.739	1.700
6006374129975	600637	4129975	2.42E-06	2.421	1.700
6006474129975	600647	4129975	2.15E-06	2.154	1.700
6006574129975	600657	4129975	2.06E-06	2.058	1.700
6006674129975	600667	4129975	1.77E-06	1.773	1.700
6006774129975	600677	4129975	1.56E-06	1.557	1.700
6006874129975	600687	4129975	1.38E-06	1.382	1.700
6006974129975	600697	4129975	1.24E-06	1.236	1.700
6007074129975	600707	4129975	1.11E-06	1.112	1.700

6007174129975	600717	4129975	1.01E-06	1.010	1.700
6007274129975	600727	4129975	9.23E-07	0.923	1.700
6007374129975	600737	4129975	8.46E-07	0.846	1.700
6007474129975	600747	4129975	7.79E-07	0.779	1.700
6007574129975	600757	4129975	7.20E-07	0.720	1.700
6007674129975	600767	4129975	6.67E-07	0.667	1.700
6007774129975	600777	4129975	6.20E-07	0.620	1.700
6007874129975	600787	4129975	5.78E-07	0.578	1.700
6007974129975	600797	4129975	5.41E-07	0.541	1.700
6008074129975	600807	4129975	5.07E-07	0.507	1.700
6008174129975	600817	4129975	4.76E-07	0.476	1.700
6008274129975	600827	4129975	4.48E-07	0.448	1.700
6008374129975	600837	4129975	4.23E-07	0.423	1.700
6008474129975	600847	4129975	4.00E-07	0.400	1.700
6008574129975	600857	4129975	3.79E-07	0.379	1.700
6008674129975	600867	4129975	3.59E-07	0.359	1.700
6008774129975	600877	4129975	3.41E-07	0.341	1.700
6008874129975	600887	4129975	3.24E-07	0.324	1.700
6008974129975	600897	4129975	3.09E-07	0.309	1.700
6009074129975	600907	4129975	2.94E-07	0.294	1.700
6009174129975	600917	4129975	2.81E-07	0.281	1.700
6001674129985	600167	4129985	1.66E-07	0.166	1.700
6001774129985	600177	4129985	1.79E-07	0.179	1.700
6001874129985	600187	4129985	1.94E-07	0.194	1.700
6001974129985	600197	4129985	2.10E-07	0.210	1.700
6002074129985	600207	4129985	2.28E-07	0.228	1.700
6002174129985	600217	4129985	2.47E-07	0.247	1.700
6002274129985	600227	4129985	2.65E-07	0.265	1.700
6002374129985	600237	4129985	2.81E-07	0.281	1.700
6002474129985	600247	4129985	2.94E-07	0.294	1.700
6002574129985	600257	4129985	3.07E-07	0.307	1.700
6002674129985	600267	4129985	3.20E-07	0.320	1.700
6002774129985	600277	4129985	3.32E-07	0.332	1.700
6002874129985	600287	4129985	3.42E-07	0.342	1.700
6002974129985	600297	4129985	3.52E-07	0.352	1.700
6003074129985	600307	4129985	3.62E-07	0.362	1.700
6003174129985	600317	4129985	3.73E-07	0.373	1.700
6003274129985	600327	4129985	3.87E-07	0.387	1.700
6003374129985	600337	4129985	4.03E-07	0.403	1.700
6003474129985	600347	4129985	4.22E-07	0.422	1.700
6003574129985	600357	4129985	4.46E-07	0.446	1.700
6003674129985	600367	4129985	4.73E-07	0.473	1.700
6003774129985	600377	4129985	5.07E-07	0.507	1.700
6003874129985	600387	4129985	5.47E-07	0.547	1.700
6003974129985	600397	4129985	5.95E-07	0.595	1.700
6004074129985	600407	4129985	6.52E-07	0.652	1.700
6004174129985	600417	4129985	7.21E-07	0.721	1.700
6004274129985	600427	4129985	8.02E-07	0.802	1.700
6004374129985	600437	4129985	9.00E-07	0.900	1.700
6004474129985	600447	4129985	1.02E-06	1.020	1.700
6004574129985	600457	4129985	1.17E-06	1.167	1.700
6004674129985	600467	4129985	1.35E-06	1.353	1.700
6004774129985	600477	4129985	1.65E-06	1.645	1.700
6005974129985	600597	4129985	3.75E-06	3.747	1.700
6006074129985	600607	4129985	3.23E-06	3.233	1.700



6006174129985	600617	4129985	2.85E-06	2.846	1.700
6006274129985	600627	4129985	2.58E-06	2.578	1.700
6006374129985	600637	4129985	2.17E-06	2.173	1.700
6006474129985	600647	4129985	1.88E-06	1.881	1.700
6006574129985	600657	4129985	1.75E-06	1.755	1.700
6006674129985	600667	4129985	1.76E-06	1.759	1.700
6006774129985	600677	4129985	1.52E-06	1.519	1.700
6006874129985	600687	4129985	1.34E-06	1.339	1.700
6006974129985	600697	4129985	1.19E-06	1.193	1.700
6007074129985	600707	4129985	1.07E-06	1.071	1.700
6007174129985	600717	4129985	9.72E-07	0.972	1.700
6007274129985	600727	4129985	8.86E-07	0.886	1.700
6007374129985	600737	4129985	8.12E-07	0.812	1.700
6007474129985	600747	4129985	7.48E-07	0.748	1.700
6007574129985	600757	4129985	6.91E-07	0.691	1.700
6007674129985	600767	4129985	6.41E-07	0.641	1.700
6007774129985	600777	4129985	5.96E-07	0.596	1.700
6007874129985	600787	4129985	5.56E-07	0.556	1.700
6007974129985	600797	4129985	5.20E-07	0.520	1.700
6008074129985	600807	4129985	4.88E-07	0.488	1.700
6008174129985	600817	4129985	4.58E-07	0.458	1.700
6008274129985	600827	4129985	4.32E-07	0.432	1.700
6008374129985	600837	4129985	4.08E-07	0.408	1.700
6008474129985	600847	4129985	3.86E-07	0.386	1.700
6008574129985	600857	4129985	3.65E-07	0.365	1.700
6008674129985	600867	4129985	3.46E-07	0.346	1.700
6008774129985	600877	4129985	3.29E-07	0.329	1.700
6008874129985	600887	4129985	3.13E-07	0.313	1.700
6008974129985	600897	4129985	2.98E-07	0.298	1.700
6009074129985	600907	4129985	2.84E-07	0.284	1.700
6009174129985	600917	4129985	2.71E-07	0.271	1.700
6001674129995	600167	4129995	1.83E-07	0.183	1.700
6001774129995	600177	4129995	1.99E-07	0.199	1.700
6001874129995	600187	4129995	2.18E-07	0.218	1.700
6001974129995	600197	4129995	2.40E-07	0.240	1.700
6002074129995	600207	4129995	2.65E-07	0.265	1.700
6002174129995	600217	4129995	2.94E-07	0.294	1.700
6002274129995	600227	4129995	3.22E-07	0.322	1.700
6002374129995	600237	4129995	3.47E-07	0.347	1.700
6002474129995	600247	4129995	3.66E-07	0.366	1.700
6002574129995	600257	4129995	3.82E-07	0.382	1.700
6002674129995	600267	4129995	3.92E-07	0.392	1.700
6002774129995	600277	4129995	3.98E-07	0.398	1.700
6002874129995	600287	4129995	4.02E-07	0.402	1.700
6002974129995	600297	4129995	4.07E-07	0.407	1.700
6003074129995	600307	4129995	4.14E-07	0.414	1.700
6003174129995	600317	4129995	4.24E-07	0.424	1.700
6003274129995	600327	4129995	4.37E-07	0.437	1.700
6003374129995	600337	4129995	4.54E-07	0.454	1.700
6003474129995	600347	4129995	4.77E-07	0.477	1.700
6003574129995	600357	4129995	5.04E-07	0.504	1.700
6003674129995	600367	4129995	5.38E-07	0.538	1.700
6003774129995	600377	4129995	5.79E-07	0.579	1.700
6003874129995	600387	4129995	6.30E-07	0.630	1.700
6003974129995	600397	4129995	6.93E-07	0.693	1.700

6004074129995	600407	4129995	7.69E-07	0.769	1.700
6004174129995	600417	4129995	8.62E-07	0.862	1.700
6004274129995	600427	4129995	9.78E-07	0.978	1.700
6004374129995	600437	4129995	1.12E-06	1.120	1.700
6004474129995	600447	4129995	1.29E-06	1.293	1.700
6004574129995	600457	4129995	1.50E-06	1.497	1.700
6004674129995	600467	4129995	1.74E-06	1.739	1.700
6004774129995	600477	4129995	1.99E-06	1.987	1.700
6005974129995	600597	4129995	3.29E-06	3.291	1.700
6006074129995	600607	4129995	2.81E-06	2.807	1.700
6006174129995	600617	4129995	2.45E-06	2.451	1.700
6006274129995	600627	4129995	2.20E-06	2.199	1.700
6006374129995	600637	4129995	2.04E-06	2.037	1.700
6006474129995	600647	4129995	1.73E-06	1.732	1.700
6006574129995	600657	4129995	1.59E-06	1.591	1.700
6006674129995	600667	4129995	1.48E-06	1.478	1.700
6006774129995	600677	4129995	1.53E-06	1.528	1.700
6006874129995	600687	4129995	1.32E-06	1.319	1.700
6006974129995	600697	4129995	1.16E-06	1.160	1.700
6007074129995	600707	4129995	1.04E-06	1.037	1.700
6007174129995	600717	4129995	9.37E-07	0.937	1.700
6007274129995	600727	4129995	8.53E-07	0.853	1.700
6007374129995	600737	4129995	7.80E-07	0.780	1.700
6007474129995	600747	4129995	7.18E-07	0.718	1.700
6007574129995	600757	4129995	6.64E-07	0.664	1.700
6007674129995	600767	4129995	6.15E-07	0.615	1.700
6007774129995	600777	4129995	5.73E-07	0.573	1.700
6007874129995	600787	4129995	5.34E-07	0.534	1.700
6007974129995	600797	4129995	5.00E-07	0.500	1.700
6008074129995	600807	4129995	4.69E-07	0.469	1.700
6008174129995	600817	4129995	4.41E-07	0.441	1.700
6008274129995	600827	4129995	4.16E-07	0.416	1.700
6008374129995	600837	4129995	3.93E-07	0.393	1.700
6008474129995	600847	4129995	3.72E-07	0.372	1.700
6008574129995	600857	4129995	3.52E-07	0.352	1.700
6008674129995	600867	4129995	3.34E-07	0.334	1.700
6008774129995	600877	4129995	3.17E-07	0.317	1.700
6008874129995	600887	4129995	3.01E-07	0.301	1.700
6008974129995	600897	4129995	2.87E-07	0.287	1.700
6009074129995	600907	4129995	2.74E-07	0.274	1.700
6009174129995	600917	4129995	2.61E-07	0.261	1.700
6001674130005	600167	4130005	2.02E-07	0.202	1.700
6001774130005	600177	4130005	2.22E-07	0.222	1.700
6001874130005	600187	4130005	2.47E-07	0.247	1.700
6001974130005	600197	4130005	2.78E-07	0.278	1.700
6002074130005	600207	4130005	3.15E-07	0.315	1.700
6002174130005	600217	4130005	3.62E-07	0.362	1.700
6002274130005	600227	4130005	4.20E-07	0.420	1.700
6002374130005	600237	4130005	4.78E-07	0.478	1.700
6002474130005	600247	4130005	5.11E-07	0.511	1.700
6002574130005	600257	4130005	5.11E-07	0.511	1.700
6002674130005	600267	4130005	4.96E-07	0.496	1.700
6002774130005	600277	4130005	4.81E-07	0.481	1.700
6002874130005	600287	4130005	4.72E-07	0.472	1.700
6002974130005	600297	4130005	4.68E-07	0.468	1.700

6003074130005	600307	4130005	4.70E-07	0.470	1.700
6003174130005	600317	4130005	4.77E-07	0.477	1.700
6003274130005	600327	4130005	4.89E-07	0.489	1.700
6003374130005	600337	4130005	5.08E-07	0.508	1.700
6003474130005	600347	4130005	5.33E-07	0.533	1.700
6003574130005	600357	4130005	5.65E-07	0.565	1.700
6003674130005	600367	4130005	6.05E-07	0.605	1.700
6003774130005	600377	4130005	6.56E-07	0.656	1.700
6003874130005	600387	4130005	7.19E-07	0.719	1.700
6003974130005	600397	4130005	7.98E-07	0.798	1.700
6004074130005	600407	4130005	8.97E-07	0.897	1.700
6004174130005	600417	4130005	1.02E-06	1.022	1.700
6004274130005	600427	4130005	1.18E-06	1.184	1.700
6004374130005	600437	4130005	1.39E-06	1.391	1.700
6004474130005	600447	4130005	1.66E-06	1.658	1.700
6004574130005	600457	4130005	2.01E-06	2.006	1.700
6004674130005	600467	4130005	2.45E-06	2.454	1.700
6004774130005	600477	4130005	2.88E-06	2.877	1.700
6005874130005	600587	4130005	3.28E-06	3.284	1.700
6005974130005	600597	4130005	2.76E-06	2.758	1.700
6006074130005	600607	4130005	2.36E-06	2.362	1.700
6006174130005	600617	4130005	2.07E-06	2.068	1.700
6006274130005	600627	4130005	1.86E-06	1.858	1.700
6006374130005	600637	4130005	1.71E-06	1.714	1.700
6006474130005	600647	4130005	1.63E-06	1.626	1.700
6006574130005	600657	4130005	1.49E-06	1.489	1.700
6006674130005	600667	4130005	1.32E-06	1.324	1.700
6006774130005	600677	4130005	1.22E-06	1.222	1.700
6006874130005	600687	4130005	1.36E-06	1.356	1.700
6006974130005	600697	4130005	1.16E-06	1.163	1.700
6007074130005	600707	4130005	1.02E-06	1.022	1.700
6007174130005	600717	4130005	9.14E-07	0.914	1.700
6007274130005	600727	4130005	8.29E-07	0.829	1.700
6007374130005	600737	4130005	7.57E-07	0.757	1.700
6007474130005	600747	4130005	6.95E-07	0.695	1.700
6007574130005	600757	4130005	6.41E-07	0.641	1.700
6007674130005	600767	4130005	5.93E-07	0.593	1.700
6007774130005	600777	4130005	5.52E-07	0.552	1.700
6007874130005	600787	4130005	5.15E-07	0.515	1.700
6007974130005	600797	4130005	4.82E-07	0.482	1.700
6008074130005	600807	4130005	4.52E-07	0.452	1.700
6008174130005	600817	4130005	4.26E-07	0.426	1.700
6008274130005	600827	4130005	4.01E-07	0.401	1.700
6008374130005	600837	4130005	3.78E-07	0.378	1.700
6008474130005	600847	4130005	3.58E-07	0.358	1.700
6008574130005	600857	4130005	3.39E-07	0.339	1.700
6008674130005	600867	4130005	3.21E-07	0.321	1.700
6008774130005	600877	4130005	3.05E-07	0.305	1.700
6008874130005	600887	4130005	2.90E-07	0.290	1.700
6008974130005	600897	4130005	2.76E-07	0.276	1.700
6009074130005	600907	4130005	2.63E-07	0.263	1.700
6009174130005	600917	4130005	2.51E-07	0.251	1.700
6001674130015	600167	4130015	2.24E-07	0.224	1.700
6001774130015	600177	4130015	2.50E-07	0.250	1.700
6001874130015	600187	4130015	2.84E-07	0.284	1.700

6001974130015	600197	4130015	3.27E-07	0.327	1.700
6002074130015	600207	4130015	3.85E-07	0.385	1.700
6002174130015	600217	4130015	4.73E-07	0.473	1.700
6002274130015	600227	4130015	5.19E-07	0.519	1.700
6002374130015	600237	4130015	5.10E-07	0.510	1.700
6002474130015	600247	4130015	6.64E-07	0.664	1.700
6002574130015	600257	4130015	7.11E-07	0.711	1.700
6002674130015	600267	4130015	6.29E-07	0.629	1.700
6002774130015	600277	4130015	5.80E-07	0.580	1.700
6002874130015	600287	4130015	5.50E-07	0.550	1.700
6002974130015	600297	4130015	5.34E-07	0.534	1.700
6003074130015	600307	4130015	5.28E-07	0.528	1.700
6003174130015	600317	4130015	5.32E-07	0.532	1.700
6003274130015	600327	4130015	5.43E-07	0.543	1.700
6003374130015	600337	4130015	5.62E-07	0.562	1.700
6003474130015	600347	4130015	5.90E-07	0.590	1.700
6003574130015	600357	4130015	6.26E-07	0.626	1.700
6003674130015	600367	4130015	6.73E-07	0.673	1.700
6003774130015	600377	4130015	7.33E-07	0.733	1.700
6003874130015	600387	4130015	8.08E-07	0.808	1.700
6003974130015	600397	4130015	9.03E-07	0.903	1.700
6004074130015	600407	4130015	1.03E-06	1.026	1.700
6004174130015	600417	4130015	1.18E-06	1.184	1.700
6004274130015	600427	4130015	1.39E-06	1.393	1.700
6004374130015	600437	4130015	1.67E-06	1.672	1.700
6004474130015	600447	4130015	2.05E-06	2.050	1.700
6004574130015	600457	4130015	2.61E-06	2.610	1.700
6004674130015	600467	4130015	3.41E-06	3.414	1.700
6004774130015	600477	4130015	4.61E-06	4.610	1.700
6004874130015	600487	4130015	6.08E-06	6.080	1.700
6004974130015	600497	4130015	2.84E-06	2.841	1.700
6005774130015	600577	4130015	3.11E-06	3.109	1.700
6005874130015	600587	4130015	2.62E-06	2.615	1.700
6005974130015	600597	4130015	2.23E-06	2.227	1.700
6006074130015	600607	4130015	1.93E-06	1.934	1.700
6006174130015	600617	4130015	1.71E-06	1.715	1.700
6006274130015	600627	4130015	1.55E-06	1.548	1.700
6006374130015	600637	4130015	1.43E-06	1.433	1.700
6006474130015	600647	4130015	1.35E-06	1.355	1.700
6006574130015	600657	4130015	1.32E-06	1.319	1.700
6006674130015	600667	4130015	1.34E-06	1.340	1.700
6006774130015	600677	4130015	1.11E-06	1.106	1.700
6006874130015	600687	4130015	1.08E-06	1.080	1.700
6006974130015	600697	4130015	1.09E-06	1.093	1.700
6007074130015	600707	4130015	1.05E-06	1.046	1.700
6007174130015	600717	4130015	9.17E-07	0.917	1.700
6007274130015	600727	4130015	8.21E-07	0.821	1.700
6007374130015	600737	4130015	7.44E-07	0.744	1.700
6007474130015	600747	4130015	6.79E-07	0.679	1.700
6007574130015	600757	4130015	6.24E-07	0.624	1.700
6007674130015	600767	4130015	5.76E-07	0.576	1.700
6007774130015	600777	4130015	5.35E-07	0.535	1.700
6007874130015	600787	4130015	4.99E-07	0.499	1.700
6007974130015	600797	4130015	4.66E-07	0.466	1.700
6008074130015	600807	4130015	4.37E-07	0.437	1.700

6008174130015	600817	4130015	4.11E-07	0.411	1.700
6008274130015	600827	4130015	3.87E-07	0.387	1.700
6008374130015	600837	4130015	3.65E-07	0.365	1.700
6008474130015	600847	4130015	3.44E-07	0.344	1.700
6008574130015	600857	4130015	3.26E-07	0.326	1.700
6008674130015	600867	4130015	3.09E-07	0.309	1.700
6008774130015	600877	4130015	2.93E-07	0.293	1.700
6008874130015	600887	4130015	2.78E-07	0.278	1.700
6008974130015	600897	4130015	2.65E-07	0.265	1.700
6009074130015	600907	4130015	2.53E-07	0.253	1.700
6009174130015	600917	4130015	2.42E-07	0.242	1.700
6001674130025	600167	4130025	2.50E-07	0.250	1.700
6001774130025	600177	4130025	2.84E-07	0.284	1.700
6001874130025	600187	4130025	3.29E-07	0.329	1.700
6001974130025	600197	4130025	3.91E-07	0.391	1.700
6002074130025	600207	4130025	4.85E-07	0.485	1.700
6002174130025	600217	4130025	4.79E-07	0.479	1.700
6002274130025	600227	4130025	6.16E-07	0.616	1.700
6002374130025	600237	4130025	6.00E-07	0.600	1.700
6002474130025	600247	4130025	6.99E-07	0.699	1.700
6002574130025	600257	4130025	6.42E-07	0.642	1.700
6002674130025	600267	4130025	7.87E-07	0.787	1.700
6002774130025	600277	4130025	6.91E-07	0.691	1.700
6002874130025	600287	4130025	6.36E-07	0.636	1.700
6002974130025	600297	4130025	6.04E-07	0.604	1.700
6003074130025	600307	4130025	5.89E-07	0.589	1.700
6003174130025	600317	4130025	5.88E-07	0.588	1.700
6003274130025	600327	4130025	5.98E-07	0.598	1.700
6003374130025	600337	4130025	6.17E-07	0.617	1.700
6003474130025	600347	4130025	6.46E-07	0.646	1.700
6003574130025	600357	4130025	6.86E-07	0.686	1.700
6003674130025	600367	4130025	7.38E-07	0.738	1.700
6003774130025	600377	4130025	8.06E-07	0.806	1.700
6003874130025	600387	4130025	8.90E-07	0.890	1.700
6003974130025	600397	4130025	9.99E-07	0.999	1.700
6004074130025	600407	4130025	1.14E-06	1.140	1.700
6004174130025	600417	4130025	1.32E-06	1.324	1.700
6004274130025	600427	4130025	1.57E-06	1.567	1.700
6004374130025	600437	4130025	1.89E-06	1.891	1.700
6004474130025	600447	4130025	2.35E-06	2.347	1.700
6004574130025	600457	4130025	3.01E-06	3.011	1.700
6004674130025	600467	4130025	3.97E-06	3.974	1.700
6004774130025	600477	4130025	5.36E-06	5.361	1.700
6004874130025	600487	4130025	6.83E-06	6.831	1.700
6004974130025	600497	4130025	5.55E-06	5.554	1.700
6005074130025	600507	4130025	3.08E-06	3.076	1.700
6005674130025	600567	4130025	2.70E-06	2.701	1.700
6005774130025	600577	4130025	2.32E-06	2.324	1.700
6005874130025	600587	4130025	2.00E-06	2.002	1.700
6005974130025	600597	4130025	1.75E-06	1.748	1.700
6006074130025	600607	4130025	1.55E-06	1.550	1.700
6006174130025	600617	4130025	1.40E-06	1.400	1.700
6006274130025	600627	4130025	1.28E-06	1.281	1.700
6006374130025	600637	4130025	1.19E-06	1.194	1.700
6006474130025	600647	4130025	1.13E-06	1.134	1.700

6006574130025	600657	4130025	1.10E-06	1.103	1.700
6006674130025	600667	4130025	1.10E-06	1.102	1.700
6006774130025	600677	4130025	1.14E-06	1.144	1.700
6006874130025	600687	4130025	9.55E-07	0.955	1.700
6006974130025	600697	4130025	9.19E-07	0.919	1.700
6007074130025	600707	4130025	8.82E-07	0.882	1.700
6007174130025	600717	4130025	9.68E-07	0.968	1.700
6007274130025	600727	4130025	8.42E-07	0.842	1.700
6007374130025	600737	4130025	7.49E-07	0.749	1.700
6007474130025	600747	4130025	6.76E-07	0.676	1.700
6007574130025	600757	4130025	6.16E-07	0.616	1.700
6007674130025	600767	4130025	5.66E-07	0.566	1.700
6007774130025	600777	4130025	5.23E-07	0.523	1.700
6007874130025	600787	4130025	4.86E-07	0.486	1.700
6007974130025	600797	4130025	4.54E-07	0.454	1.700
6008074130025	600807	4130025	4.24E-07	0.424	1.700
6008174130025	600817	4130025	3.97E-07	0.397	1.700
6008274130025	600827	4130025	3.73E-07	0.373	1.700
6008374130025	600837	4130025	3.51E-07	0.351	1.700
6008474130025	600847	4130025	3.31E-07	0.331	1.700
6008574130025	600857	4130025	3.13E-07	0.313	1.700
6008674130025	600867	4130025	2.96E-07	0.296	1.700
6008774130025	600877	4130025	2.81E-07	0.281	1.700
6008874130025	600887	4130025	2.67E-07	0.267	1.700
6008974130025	600897	4130025	2.54E-07	0.254	1.700
6009074130025	600907	4130025	2.43E-07	0.243	1.700
6009174130025	600917	4130025	2.32E-07	0.232	1.700
6001674130035	600167	4130035	2.80E-07	0.280	1.700
6001774130035	600177	4130035	3.25E-07	0.325	1.700
6001874130035	600187	4130035	3.86E-07	0.386	1.700
6001974130035	600197	4130035	4.77E-07	0.477	1.700
6002074130035	600207	4130035	5.50E-07	0.550	1.700
6002174130035	600217	4130035	5.85E-07	0.585	1.700
6002274130035	600227	4130035	6.82E-07	0.682	1.700
6002374130035	600237	4130035	9.05E-07	0.905	1.700
6002474130035	600247	4130035	6.93E-07	0.693	1.700
6002574130035	600257	4130035	6.80E-07	0.680	1.700
6002674130035	600267	4130035	6.96E-07	0.696	1.700
6002774130035	600277	4130035	8.35E-07	0.835	1.700
6002874130035	600287	4130035	7.37E-07	0.737	1.700
6002974130035	600297	4130035	6.83E-07	0.683	1.700
6003074130035	600307	4130035	6.56E-07	0.656	1.700
6003174130035	600317	4130035	6.47E-07	0.647	1.700
6003274130035	600327	4130035	6.53E-07	0.653	1.700
6003374130035	600337	4130035	6.71E-07	0.671	1.700
6003474130035	600347	4130035	7.01E-07	0.701	1.700
6003574130035	600357	4130035	7.42E-07	0.742	1.700
6003674130035	600367	4130035	7.98E-07	0.798	1.700
6003774130035	600377	4130035	8.70E-07	0.870	1.700
6003874130035	600387	4130035	9.61E-07	0.961	1.700
6003974130035	600397	4130035	1.08E-06	1.078	1.700
6004074130035	600407	4130035	1.23E-06	1.229	1.700
6004174130035	600417	4130035	1.42E-06	1.422	1.700
6004274130035	600427	4130035	1.67E-06	1.675	1.700
6004374130035	600437	4130035	2.00E-06	2.005	1.700

6004474130035	600447	4130035	2.46E-06	2.457	1.700
6004574130035	600457	4130035	3.06E-06	3.063	1.700
6004674130035	600467	4130035	3.84E-06	3.844	1.700
6004774130035	600477	4130035	4.70E-06	4.699	1.700
6004874130035	600487	4130035	5.11E-06	5.108	1.700
6004974130035	600497	4130035	4.37E-06	4.373	1.700
6005074130035	600507	4130035	3.31E-06	3.310	1.700
6005174130035	600517	4130035	2.69E-06	2.690	1.700
6005574130035	600557	4130035	2.13E-06	2.132	1.700
6005674130035	600567	4130035	1.91E-06	1.914	1.700
6005774130035	600577	4130035	1.70E-06	1.700	1.700
6005874130035	600587	4130035	1.52E-06	1.516	1.700
6005974130035	600597	4130035	1.36E-06	1.360	1.700
6006074130035	600607	4130035	1.23E-06	1.233	1.700
6006174130035	600617	4130035	1.14E-06	1.137	1.700
6006274130035	600627	4130035	1.06E-06	1.058	1.700
6006374130035	600637	4130035	9.98E-07	0.998	1.700
6006474130035	600647	4130035	9.56E-07	0.956	1.700
6006574130035	600657	4130035	9.34E-07	0.934	1.700
6006674130035	600667	4130035	9.28E-07	0.928	1.700
6006774130035	600677	4130035	9.46E-07	0.946	1.700
6006874130035	600687	4130035	9.98E-07	0.998	1.700
6006974130035	600697	4130035	8.45E-07	0.845	1.700
6007074130035	600707	4130035	7.50E-07	0.750	1.700
6007174130035	600717	4130035	7.89E-07	0.789	1.700
6007274130035	600727	4130035	9.13E-07	0.913	1.700
6007374130035	600737	4130035	7.87E-07	0.787	1.700
6007474130035	600747	4130035	6.92E-07	0.692	1.700
6007574130035	600757	4130035	6.21E-07	0.621	1.700
6007674130035	600767	4130035	5.65E-07	0.565	1.700
6007774130035	600777	4130035	5.18E-07	0.518	1.700
6007874130035	600787	4130035	4.78E-07	0.478	1.700
6007974130035	600797	4130035	4.43E-07	0.443	1.700
6008074130035	600807	4130035	4.11E-07	0.411	1.700
6008174130035	600817	4130035	3.84E-07	0.384	1.700
6008274130035	600827	4130035	3.59E-07	0.359	1.700
6008374130035	600837	4130035	3.37E-07	0.337	1.700
6008474130035	600847	4130035	3.18E-07	0.318	1.700
6008574130035	600857	4130035	3.00E-07	0.300	1.700
6008674130035	600867	4130035	2.84E-07	0.284	1.700
6008774130035	600877	4130035	2.69E-07	0.269	1.700
6008874130035	600887	4130035	2.56E-07	0.256	1.700
6008974130035	600897	4130035	2.44E-07	0.244	1.700
6009074130035	600907	4130035	2.32E-07	0.232	1.700
6009174130035	600917	4130035	2.22E-07	0.222	1.700
6001674130045	600167	4130045	3.15E-07	0.315	1.700
6001774130045	600177	4130045	3.75E-07	0.375	1.700
6001874130045	600187	4130045	4.60E-07	0.460	1.700
6001974130045	600197	4130045	6.04E-07	0.604	1.700
6002074130045	600207	4130045	5.67E-07	0.567	1.700
6002174130045	600217	4130045	6.45E-07	0.645	1.700
6002274130045	600227	4130045	8.49E-07	0.849	1.700
6002374130045	600237	4130045	7.70E-07	0.770	1.700
6002474130045	600247	4130045	7.85E-07	0.785	1.700
6002574130045	600257	4130045	7.51E-07	0.751	1.700

6002674130045	600267	4130045	6.75E-07	0.675	1.700
6002774130045	600277	4130045	6.76E-07	0.676	1.700
6002874130045	600287	4130045	8.85E-07	0.885	1.700
6002974130045	600297	4130045	7.86E-07	0.786	1.700
6003074130045	600307	4130045	7.36E-07	0.736	1.700
6003174130045	600317	4130045	7.14E-07	0.714	1.700
6003274130045	600327	4130045	7.11E-07	0.711	1.700
6003374130045	600337	4130045	7.25E-07	0.725	1.700
6003474130045	600347	4130045	7.53E-07	0.753	1.700
6003574130045	600357	4130045	7.94E-07	0.794	1.700
6003674130045	600367	4130045	8.50E-07	0.850	1.700
6003774130045	600377	4130045	9.23E-07	0.923	1.700
6003874130045	600387	4130045	1.02E-06	1.016	1.700
6003974130045	600397	4130045	1.13E-06	1.134	1.700
6004074130045	600407	4130045	1.28E-06	1.283	1.700
6004174130045	600417	4130045	1.47E-06	1.470	1.700
6004274130045	600427	4130045	1.70E-06	1.704	1.700
6004374130045	600437	4130045	2.01E-06	2.007	1.700
6004474130045	600447	4130045	2.39E-06	2.386	1.700
6004574130045	600457	4130045	2.84E-06	2.843	1.700
6004674130045	600467	4130045	3.34E-06	3.336	1.700
6004774130045	600477	4130045	3.73E-06	3.726	1.700
6004874130045	600487	4130045	3.77E-06	3.767	1.700
6004974130045	600497	4130045	3.38E-06	3.384	1.700
6005074130045	600507	4130045	2.88E-06	2.883	1.700
6005174130045	600517	4130045	2.47E-06	2.465	1.700
6005274130045	600527	4130045	2.16E-06	2.156	1.700
6005474130045	600547	4130045	1.68E-06	1.679	1.700
6005574130045	600557	4130045	1.53E-06	1.534	1.700
6005674130045	600567	4130045	1.40E-06	1.401	1.700
6005774130045	600577	4130045	1.28E-06	1.278	1.700
6005874130045	600587	4130045	1.17E-06	1.170	1.700
6005974130045	600597	4130045	1.08E-06	1.077	1.700
6006074130045	600607	4130045	9.99E-07	0.999	1.700
6006174130045	600617	4130045	9.35E-07	0.935	1.700
6006274130045	600627	4130045	8.83E-07	0.883	1.700
6006374130045	600637	4130045	8.43E-07	0.843	1.700
6006474130045	600647	4130045	8.16E-07	0.816	1.700
6006574130045	600657	4130045	8.02E-07	0.802	1.700
6006674130045	600667	4130045	7.97E-07	0.797	1.700
6006774130045	600677	4130045	8.07E-07	0.807	1.700
6006874130045	600687	4130045	8.36E-07	0.836	1.700
6006974130045	600697	4130045	8.97E-07	0.897	1.700
6007074130045	600707	4130045	7.66E-07	0.766	1.700
6007174130045	600717	4130045	7.62E-07	0.762	1.700
6007274130045	600727	4130045	7.51E-07	0.751	1.700
6007374130045	600737	4130045	8.77E-07	0.877	1.700
6007474130045	600747	4130045	7.39E-07	0.739	1.700
6007574130045	600757	4130045	6.45E-07	0.645	1.700
6007674130045	600767	4130045	5.75E-07	0.575	1.700
6007774130045	600777	4130045	5.18E-07	0.518	1.700
6007874130045	600787	4130045	4.71E-07	0.471	1.700
6007974130045	600797	4130045	4.31E-07	0.431	1.700
6008074130045	600807	4130045	3.98E-07	0.398	1.700
6008174130045	600817	4130045	3.70E-07	0.370	1.700



6008274130045	600827	4130045	3.45E-07	0.345	1.700
6008374130045	600837	4130045	3.23E-07	0.323	1.700
6008474130045	600847	4130045	3.04E-07	0.304	1.700
6008574130045	600857	4130045	2.87E-07	0.287	1.700
6008674130045	600867	4130045	2.72E-07	0.272	1.700
6008774130045	600877	4130045	2.58E-07	0.258	1.700
6008874130045	600887	4130045	2.45E-07	0.245	1.700
6008974130045	600897	4130045	2.33E-07	0.233	1.700
6009074130045	600907	4130045	2.22E-07	0.222	1.700
6001774130055	600177	4130055	4.38E-07	0.438	1.700
6001874130055	600187	4130055	5.69E-07	0.569	1.700
6001974130055	600197	4130055	5.44E-07	0.544	1.700
6002074130055	600207	4130055	6.20E-07	0.620	1.700
6002174130055	600217	4130055	7.26E-07	0.726	1.700
6002274130055	600227	4130055	7.20E-07	0.720	1.700
6002374130055	600237	4130055	6.81E-07	0.681	1.700
6002474130055	600247	4130055	6.90E-07	0.690	1.700
6002574130055	600257	4130055	7.44E-07	0.744	1.700
6002674130055	600267	4130055	8.56E-07	0.856	1.700
6002774130055	600277	4130055	6.92E-07	0.692	1.700
6002874130055	600287	4130055	6.25E-07	0.625	1.700
6002974130055	600297	4130055	8.23E-07	0.823	1.700
6003074130055	600307	4130055	8.43E-07	0.843	1.700
6003174130055	600317	4130055	7.93E-07	0.793	1.700
6003274130055	600327	4130055	7.77E-07	0.777	1.700
6003374130055	600337	4130055	7.82E-07	0.782	1.700
6003474130055	600347	4130055	8.04E-07	0.804	1.700
6003574130055	600357	4130055	8.42E-07	0.842	1.700
6003674130055	600367	4130055	8.95E-07	0.895	1.700
6003774130055	600377	4130055	9.65E-07	0.965	1.700
6003874130055	600387	4130055	1.05E-06	1.054	1.700
6003974130055	600397	4130055	1.17E-06	1.165	1.700
6004074130055	600407	4130055	1.30E-06	1.304	1.700
6004174130055	600417	4130055	1.47E-06	1.471	1.700
6004274130055	600427	4130055	1.68E-06	1.676	1.700
6004374130055	600437	4130055	1.92E-06	1.923	1.700
6004474130055	600447	4130055	2.20E-06	2.205	1.700
6004574130055	600457	4130055	2.51E-06	2.507	1.700
6004674130055	600467	4130055	2.78E-06	2.776	1.700
6004774130055	600477	4130055	2.93E-06	2.929	1.700
6004874130055	600487	4130055	2.88E-06	2.883	1.700
6004974130055	600497	4130055	2.67E-06	2.666	1.700
6005074130055	600507	4130055	2.39E-06	2.389	1.700
6005174130055	600517	4130055	2.11E-06	2.110	1.700
6005274130055	600527	4130055	1.85E-06	1.853	1.700
6005374130055	600537	4130055	1.60E-06	1.602	1.700
6005474130055	600547	4130055	1.38E-06	1.383	1.700
6005574130055	600557	4130055	1.23E-06	1.228	1.700
6005674130055	600567	4130055	1.11E-06	1.114	1.700
6005774130055	600577	4130055	1.02E-06	1.024	1.700
6005874130055	600587	4130055	9.48E-07	0.948	1.700
6005974130055	600597	4130055	8.85E-07	0.885	1.700
6006074130055	600607	4130055	8.32E-07	0.832	1.700
6006174130055	600617	4130055	7.87E-07	0.787	1.700
6006274130055	600627	4130055	7.53E-07	0.753	1.700

6006374130055	600637	4130055	7.26E-07	0.726	1.700
6006474130055	600647	4130055	7.09E-07	0.709	1.700
6006574130055	600657	4130055	7.00E-07	0.700	1.700
6006674130055	600667	4130055	6.99E-07	0.699	1.700
6006774130055	600677	4130055	7.06E-07	0.706	1.700
6006874130055	600687	4130055	7.27E-07	0.727	1.700
6006974130055	600697	4130055	7.66E-07	0.766	1.700
6007074130055	600707	4130055	8.32E-07	0.832	1.700
6007174130055	600717	4130055	8.16E-07	0.816	1.700
6007274130055	600727	4130055	6.51E-07	0.651	1.700
6007374130055	600737	4130055	6.95E-07	0.695	1.700
6007474130055	600747	4130055	8.45E-07	0.845	1.700
6007574130055	600757	4130055	6.91E-07	0.691	1.700
6007674130055	600767	4130055	5.88E-07	0.588	1.700
6007774130055	600777	4130055	5.15E-07	0.515	1.700
6007874130055	600787	4130055	4.60E-07	0.460	1.700
6007974130055	600797	4130055	4.18E-07	0.418	1.700
6008074130055	600807	4130055	3.83E-07	0.383	1.700
6008174130055	600817	4130055	3.55E-07	0.355	1.700
6008274130055	600827	4130055	3.30E-07	0.330	1.700
6008374130055	600837	4130055	3.09E-07	0.309	1.700
6008474130055	600847	4130055	2.91E-07	0.291	1.700
6008574130055	600857	4130055	2.74E-07	0.274	1.700
6008674130055	600867	4130055	2.60E-07	0.260	1.700
6008774130055	600877	4130055	2.47E-07	0.247	1.700
6008874130055	600887	4130055	2.34E-07	0.234	1.700
6008974130055	600897	4130055	2.23E-07	0.223	1.700
6009074130055	600907	4130055	2.13E-07	0.213	1.700
6001774130065	600177	4130065	5.32E-07	0.532	1.700
6001874130065	600187	4130065	5.07E-07	0.507	1.700
6001974130065	600197	4130065	4.96E-07	0.496	1.700
6002074130065	600207	4130065	7.35E-07	0.735	1.700
6002174130065	600217	4130065	6.98E-07	0.698	1.700
6002274130065	600227	4130065	6.33E-07	0.633	1.700
6002374130065	600237	4130065	6.11E-07	0.611	1.700
6002474130065	600247	4130065	6.20E-07	0.620	1.700
6002574130065	600257	4130065	6.59E-07	0.659	1.700
6002674130065	600267	4130065	7.29E-07	0.729	1.700
6002774130065	600277	4130065	8.42E-07	0.842	1.700
6002874130065	600287	4130065	7.01E-07	0.701	1.700
6002974130065	600297	4130065	7.34E-07	0.734	1.700
6003074130065	600307	4130065	8.51E-07	0.851	1.700
6003174130065	600317	4130065	9.04E-07	0.904	1.700
6003274130065	600327	4130065	8.57E-07	0.857	1.700
6003374130065	600337	4130065	8.45E-07	0.845	1.700
6003474130065	600347	4130065	8.57E-07	0.857	1.700
6003574130065	600357	4130065	8.86E-07	0.886	1.700
6003674130065	600367	4130065	9.32E-07	0.932	1.700
6003774130065	600377	4130065	9.94E-07	0.994	1.700
6003874130065	600387	4130065	1.07E-06	1.075	1.700
6003974130065	600397	4130065	1.17E-06	1.174	1.700
6004074130065	600407	4130065	1.29E-06	1.295	1.700
6004174130065	600417	4130065	1.44E-06	1.435	1.700
6004274130065	600427	4130065	1.60E-06	1.603	1.700
6004374130065	600437	4130065	1.79E-06	1.789	1.700

6004474130065	600447	4130065	1.98E-06	1.983	1.700
6004574130065	600457	4130065	2.16E-06	2.164	1.700
6004674130065	600467	4130065	2.30E-06	2.298	1.700
6004774130065	600477	4130065	2.34E-06	2.344	1.700
6004874130065	600487	4130065	2.28E-06	2.282	1.700
6004974130065	600497	4130065	2.14E-06	2.142	1.700
6005074130065	600507	4130065	1.96E-06	1.965	1.700
6005174130065	600517	4130065	1.76E-06	1.764	1.700
6005274130065	600527	4130065	1.55E-06	1.554	1.700
6005374130065	600537	4130065	1.35E-06	1.349	1.700
6005474130065	600547	4130065	1.18E-06	1.175	1.700
6005574130065	600557	4130065	1.04E-06	1.043	1.700
6005674130065	600567	4130065	9.44E-07	0.944	1.700
6005774130065	600577	4130065	8.67E-07	0.867	1.700
6005874130065	600587	4130065	8.07E-07	0.807	1.700
6005974130065	600597	4130065	7.58E-07	0.758	1.700
6006074130065	600607	4130065	7.18E-07	0.718	1.700
6006174130065	600617	4130065	6.84E-07	0.684	1.700
6006274130065	600627	4130065	6.59E-07	0.659	1.700
6006374130065	600637	4130065	6.41E-07	0.641	1.700
6006474130065	600647	4130065	6.30E-07	0.630	1.700
6006574130065	600657	4130065	6.25E-07	0.625	1.700
6006674130065	600667	4130065	6.26E-07	0.626	1.700
6006774130065	600677	4130065	6.36E-07	0.636	1.700
6006874130065	600687	4130065	6.55E-07	0.655	1.700
6006974130065	600697	4130065	6.87E-07	0.687	1.700
6007074130065	600707	4130065	7.39E-07	0.739	1.700
6007174130065	600717	4130065	8.17E-07	0.817	1.700
6007274130065	600727	4130065	8.41E-07	0.841	1.700
6007374130065	600737	4130065	6.40E-07	0.640	1.700
6007474130065	600747	4130065	7.64E-07	0.764	1.700
6007574130065	600757	4130065	7.15E-07	0.715	1.700
6007674130065	600767	4130065	5.80E-07	0.580	1.700
6007774130065	600777	4130065	4.98E-07	0.498	1.700
6007874130065	600787	4130065	4.42E-07	0.442	1.700
6007974130065	600797	4130065	4.00E-07	0.400	1.700
6008074130065	600807	4130065	3.66E-07	0.366	1.700
6008174130065	600817	4130065	3.38E-07	0.338	1.700
6008274130065	600827	4130065	3.15E-07	0.315	1.700
6008374130065	600837	4130065	2.95E-07	0.295	1.700
6008474130065	600847	4130065	2.77E-07	0.277	1.700
6008574130065	600857	4130065	2.62E-07	0.262	1.700
6008674130065	600867	4130065	2.48E-07	0.248	1.700
6008774130065	600877	4130065	2.35E-07	0.235	1.700
6008874130065	600887	4130065	2.24E-07	0.224	1.700
6008974130065	600897	4130065	2.13E-07	0.213	1.700
6009074130065	600907	4130065	2.04E-07	0.204	1.700
6001774130075	600177	4130075	5.68E-07	0.568	1.700
6001874130075	600187	4130075	5.59E-07	0.559	1.700
6001974130075	600197	4130075	7.00E-07	0.700	1.700
6002074130075	600207	4130075	6.86E-07	0.686	1.700
6002174130075	600217	4130075	6.05E-07	0.605	1.700
6002274130075	600227	4130075	5.66E-07	0.566	1.700
6002374130075	600237	4130075	5.56E-07	0.556	1.700
6002474130075	600247	4130075	5.68E-07	0.568	1.700

6002574130075	600257	4130075	5.99E-07	0.599	1.700
6002674130075	600267	4130075	6.50E-07	0.650	1.700
6002774130075	600277	4130075	7.27E-07	0.727	1.700
6002874130075	600287	4130075	8.42E-07	0.842	1.700
6002974130075	600297	4130075	7.39E-07	0.739	1.700
6003074130075	600307	4130075	6.92E-07	0.692	1.700
6003174130075	600317	4130075	7.91E-07	0.791	1.700
6003274130075	600327	4130075	9.70E-07	0.970	1.700
6003374130075	600337	4130075	9.25E-07	0.925	1.700
6003474130075	600347	4130075	9.15E-07	0.915	1.700
6003574130075	600357	4130075	9.30E-07	0.930	1.700
6003674130075	600367	4130075	9.64E-07	0.964	1.700
6003774130075	600377	4130075	1.01E-06	1.015	1.700
6003874130075	600387	4130075	1.08E-06	1.083	1.700
6003974130075	600397	4130075	1.17E-06	1.166	1.700
6004074130075	600407	4130075	1.26E-06	1.263	1.700
6004174130075	600417	4130075	1.38E-06	1.378	1.700
6004274130075	600427	4130075	1.50E-06	1.503	1.700
6004374130075	600437	4130075	1.63E-06	1.635	1.700
6004474130075	600447	4130075	1.76E-06	1.759	1.700
6004574130075	600457	4130075	1.86E-06	1.861	1.700
6004674130075	600467	4130075	1.92E-06	1.920	1.700
6004774130075	600477	4130075	1.92E-06	1.920	1.700
6004874130075	600487	4130075	1.86E-06	1.858	1.700
6004974130075	600497	4130075	1.76E-06	1.757	1.700
6005074130075	600507	4130075	1.63E-06	1.630	1.700
6005174130075	600517	4130075	1.48E-06	1.480	1.700
6005274130075	600527	4130075	1.32E-06	1.316	1.700
6005374130075	600537	4130075	1.15E-06	1.153	1.700
6005474130075	600547	4130075	1.02E-06	1.016	1.700
6005574130075	600557	4130075	9.09E-07	0.909	1.700
6005674130075	600567	4130075	8.26E-07	0.826	1.700
6005774130075	600577	4130075	7.61E-07	0.761	1.700
6005874130075	600587	4130075	7.10E-07	0.710	1.700
6005974130075	600597	4130075	6.70E-07	0.670	1.700
6006074130075	600607	4130075	6.38E-07	0.638	1.700
6006174130075	600617	4130075	6.11E-07	0.611	1.700
6006274130075	600627	4130075	5.92E-07	0.592	1.700
6006374130075	600637	4130075	5.79E-07	0.579	1.700
6006474130075	600647	4130075	5.72E-07	0.572	1.700
6006574130075	600657	4130075	5.72E-07	0.572	1.700
6006674130075	600667	4130075	5.77E-07	0.577	1.700
6006774130075	600677	4130075	5.90E-07	0.590	1.700
6006874130075	600687	4130075	6.13E-07	0.613	1.700
6006974130075	600697	4130075	6.50E-07	0.650	1.700
6007074130075	600707	4130075	7.07E-07	0.707	1.700
6007174130075	600717	4130075	8.06E-07	0.806	1.700
6007274130075	600727	4130075	7.33E-07	0.733	1.700
6007374130075	600737	4130075	6.36E-07	0.636	1.700
6007474130075	600747	4130075	7.59E-07	0.759	1.700
6007574130075	600757	4130075	6.56E-07	0.656	1.700
6007674130075	600767	4130075	5.42E-07	0.542	1.700
6007774130075	600777	4130075	4.69E-07	0.469	1.700
6007874130075	600787	4130075	4.18E-07	0.418	1.700
6007974130075	600797	4130075	3.78E-07	0.378	1.700

6008074130075	600807	4130075	3.47E-07	0.347	1.700
6008174130075	600817	4130075	3.21E-07	0.321	1.700
6008274130075	600827	4130075	2.99E-07	0.299	1.700
6008374130075	600837	4130075	2.80E-07	0.280	1.700
6008474130075	600847	4130075	2.64E-07	0.264	1.700
6008574130075	600857	4130075	2.49E-07	0.249	1.700
6008674130075	600867	4130075	2.36E-07	0.236	1.700
6008774130075	600877	4130075	2.24E-07	0.224	1.700
6008874130075	600887	4130075	2.14E-07	0.214	1.700
6008974130075	600897	4130075	2.04E-07	0.204	1.700
6001774130085	600177	4130085	4.17E-07	0.417	1.700
6001874130085	600187	4130085	5.44E-07	0.544	1.700
6001974130085	600197	4130085	6.69E-07	0.669	1.700
6002074130085	600207	4130085	5.79E-07	0.579	1.700
6002174130085	600217	4130085	5.33E-07	0.533	1.700
6002274130085	600227	4130085	5.13E-07	0.513	1.700
6002374130085	600237	4130085	5.13E-07	0.513	1.700
6002474130085	600247	4130085	5.27E-07	0.527	1.700
6002574130085	600257	4130085	5.55E-07	0.555	1.700
6002674130085	600267	4130085	5.98E-07	0.598	1.700
6002774130085	600277	4130085	6.56E-07	0.656	1.700
6002874130085	600287	4130085	7.36E-07	0.736	1.700
6002974130085	600297	4130085	8.51E-07	0.851	1.700
6003074130085	600307	4130085	7.54E-07	0.754	1.700
6003174130085	600317	4130085	8.09E-07	0.809	1.700
6003274130085	600327	4130085	8.68E-07	0.868	1.700
6003374130085	600337	4130085	1.04E-06	1.038	1.700
6003474130085	600347	4130085	9.90E-07	0.990	1.700
6003574130085	600357	4130085	9.81E-07	0.981	1.700
6003674130085	600367	4130085	9.96E-07	0.996	1.700
6003774130085	600377	4130085	1.03E-06	1.031	1.700
6003874130085	600387	4130085	1.08E-06	1.081	1.700
6003974130085	600397	4130085	1.15E-06	1.145	1.700
6004074130085	600407	4130085	1.22E-06	1.222	1.700
6004174130085	600417	4130085	1.31E-06	1.306	1.700
6004274130085	600427	4130085	1.40E-06	1.396	1.700
6004374130085	600437	4130085	1.48E-06	1.482	1.700
6004474130085	600447	4130085	1.56E-06	1.556	1.700
6004574130085	600457	4130085	1.61E-06	1.609	1.700
6004674130085	600467	4130085	1.63E-06	1.627	1.700
6004774130085	600477	4130085	1.60E-06	1.605	1.700
6004874130085	600487	4130085	1.55E-06	1.549	1.700
6004974130085	600497	4130085	1.47E-06	1.471	1.700
6005074130085	600507	4130085	1.37E-06	1.373	1.700
6005174130085	600517	4130085	1.26E-06	1.258	1.700
6005274130085	600527	4130085	1.13E-06	1.130	1.700
6005374130085	600537	4130085	1.00E-06	1.005	1.700
6005474130085	600547	4130085	8.96E-07	0.896	1.700
6005574130085	600557	4130085	8.07E-07	0.807	1.700
6005674130085	600567	4130085	7.37E-07	0.737	1.700
6005774130085	600577	4130085	6.83E-07	0.683	1.700
6005874130085	600587	4130085	6.39E-07	0.639	1.700
6005974130085	600597	4130085	6.06E-07	0.606	1.700
6006074130085	600607	4130085	5.80E-07	0.580	1.700
6006174130085	600617	4130085	5.59E-07	0.559	1.700

6006274130085	600627	4130085	5.45E-07	0.545	1.700
6006374130085	600637	4130085	5.36E-07	0.536	1.700
6006474130085	600647	4130085	5.33E-07	0.533	1.700
6006574130085	600657	4130085	5.36E-07	0.536	1.700
6006674130085	600667	4130085	5.46E-07	0.546	1.700
6006774130085	600677	4130085	5.65E-07	0.565	1.700
6006874130085	600687	4130085	5.98E-07	0.598	1.700
6006974130085	600697	4130085	6.49E-07	0.649	1.700
6007074130085	600707	4130085	7.40E-07	0.740	1.700
6007174130085	600717	4130085	6.97E-07	0.697	1.700
6007274130085	600727	4130085	7.25E-07	0.725	1.700
6007374130085	600737	4130085	7.95E-07	0.795	1.700
6007474130085	600747	4130085	7.17E-07	0.717	1.700
6007574130085	600757	4130085	5.83E-07	0.583	1.700
6007674130085	600767	4130085	4.96E-07	0.496	1.700
6007774130085	600777	4130085	4.36E-07	0.436	1.700
6007874130085	600787	4130085	3.91E-07	0.391	1.700
6007974130085	600797	4130085	3.56E-07	0.356	1.700
6008074130085	600807	4130085	3.27E-07	0.327	1.700
6008174130085	600817	4130085	3.04E-07	0.304	1.700
6008274130085	600827	4130085	2.84E-07	0.284	1.700
6008374130085	600837	4130085	2.66E-07	0.266	1.700
6008474130085	600847	4130085	2.51E-07	0.251	1.700
6008574130085	600857	4130085	2.37E-07	0.237	1.700
6008674130085	600867	4130085	2.25E-07	0.225	1.700
6008774130085	600877	4130085	2.14E-07	0.214	1.700
6008874130085	600887	4130085	2.04E-07	0.204	1.700
6008974130085	600897	4130085	1.95E-07	0.195	1.700
6001874130095	600187	4130095	6.34E-07	0.634	1.700
6001974130095	600197	4130095	5.43E-07	0.543	1.700
6002074130095	600207	4130095	4.99E-07	0.499	1.700
6002174130095	600217	4130095	4.77E-07	0.477	1.700
6002274130095	600227	4130095	4.72E-07	0.472	1.700
6002374130095	600237	4130095	4.79E-07	0.479	1.700
6002474130095	600247	4130095	4.96E-07	0.496	1.700
6002574130095	600257	4130095	5.23E-07	0.523	1.700
6002674130095	600267	4130095	5.59E-07	0.559	1.700
6002774130095	600277	4130095	6.06E-07	0.606	1.700
6002874130095	600287	4130095	6.68E-07	0.668	1.700
6002974130095	600297	4130095	7.49E-07	0.749	1.700
6003074130095	600307	4130095	8.61E-07	0.861	1.700
6003174130095	600317	4130095	8.83E-07	0.883	1.700
6003274130095	600327	4130095	8.46E-07	0.846	1.700
6003374130095	600337	4130095	8.79E-07	0.879	1.700
6003474130095	600347	4130095	1.10E-06	1.102	1.700
6003574130095	600357	4130095	1.05E-06	1.049	1.700
6003674130095	600367	4130095	1.04E-06	1.036	1.700
6003774130095	600377	4130095	1.05E-06	1.047	1.700
6003874130095	600387	4130095	1.08E-06	1.077	1.700
6003974130095	600397	4130095	1.12E-06	1.121	1.700
6004074130095	600407	4130095	1.18E-06	1.176	1.700
6004174130095	600417	4130095	1.23E-06	1.233	1.700
6004274130095	600427	4130095	1.29E-06	1.291	1.700
6004374130095	600437	4130095	1.34E-06	1.343	1.700
6004474130095	600447	4130095	1.38E-06	1.384	1.700

6004574130095	600457	4130095	1.40E-06	1.404	1.700
6004674130095	600467	4130095	1.40E-06	1.399	1.700
6004774130095	600477	4130095	1.37E-06	1.369	1.700
6004874130095	600487	4130095	1.32E-06	1.319	1.700
6004974130095	600497	4130095	1.25E-06	1.255	1.700
6005074130095	600507	4130095	1.18E-06	1.178	1.700
6005174130095	600517	4130095	1.09E-06	1.087	1.700
6005274130095	600527	4130095	9.88E-07	0.988	1.700
6005374130095	600537	4130095	8.90E-07	0.890	1.700
6005474130095	600547	4130095	8.03E-07	0.803	1.700
6005574130095	600557	4130095	7.28E-07	0.728	1.700
6005674130095	600567	4130095	6.69E-07	0.669	1.700
6005774130095	600577	4130095	6.23E-07	0.623	1.700
6005874130095	600587	4130095	5.86E-07	0.586	1.700
6005974130095	600597	4130095	5.58E-07	0.558	1.700
6006074130095	600607	4130095	5.36E-07	0.536	1.700
6006174130095	600617	4130095	5.21E-07	0.521	1.700
6006274130095	600627	4130095	5.10E-07	0.510	1.700
6006374130095	600637	4130095	5.06E-07	0.506	1.700
6006474130095	600647	4130095	5.07E-07	0.507	1.700
6006574130095	600657	4130095	5.15E-07	0.515	1.700
6006674130095	600667	4130095	5.33E-07	0.533	1.700
6006774130095	600677	4130095	5.62E-07	0.562	1.700
6006874130095	600687	4130095	6.11E-07	0.611	1.700
6006974130095	600697	4130095	6.96E-07	0.696	1.700
6007074130095	600707	4130095	6.50E-07	0.650	1.700
6007174130095	600717	4130095	6.10E-07	0.610	1.700
6007274130095	600727	4130095	8.26E-07	0.826	1.700
6007374130095	600737	4130095	7.49E-07	0.749	1.700
6007474130095	600747	4130095	6.13E-07	0.613	1.700
6007574130095	600757	4130095	5.19E-07	0.519	1.700
6007674130095	600767	4130095	4.52E-07	0.452	1.700
6007774130095	600777	4130095	4.03E-07	0.403	1.700
6007874130095	600787	4130095	3.65E-07	0.365	1.700
6007974130095	600797	4130095	3.34E-07	0.334	1.700
6008074130095	600807	4130095	3.08E-07	0.308	1.700
6008174130095	600817	4130095	2.87E-07	0.287	1.700
6008274130095	600827	4130095	2.69E-07	0.269	1.700
6008374130095	600837	4130095	2.53E-07	0.253	1.700
6008474130095	600847	4130095	2.38E-07	0.238	1.700
6008574130095	600857	4130095	2.26E-07	0.226	1.700
6008674130095	600867	4130095	2.14E-07	0.214	1.700
6008774130095	600877	4130095	2.04E-07	0.204	1.700
6008874130095	600887	4130095	1.94E-07	0.194	1.700
6008974130095	600897	4130095	1.86E-07	0.186	1.700
6001874130105	600187	4130105	4.88E-07	0.488	1.700
6001974130105	600197	4130105	4.56E-07	0.456	1.700
6002074130105	600207	4130105	4.39E-07	0.439	1.700
6002174130105	600217	4130105	4.35E-07	0.435	1.700
6002274130105	600227	4130105	4.39E-07	0.439	1.700
6002374130105	600237	4130105	4.51E-07	0.451	1.700
6002474130105	600247	4130105	4.70E-07	0.470	1.700
6002574130105	600257	4130105	4.97E-07	0.497	1.700
6002674130105	600267	4130105	5.29E-07	0.529	1.700
6002774130105	600277	4130105	5.69E-07	0.569	1.700

6002874130105	600287	4130105	6.20E-07	0.620	1.700
6002974130105	600297	4130105	6.83E-07	0.683	1.700
6003074130105	600307	4130105	7.65E-07	0.765	1.700
6003174130105	600317	4130105	8.75E-07	0.875	1.700
6003274130105	600327	4130105	8.09E-07	0.809	1.700
6003374130105	600337	4130105	8.80E-07	0.880	1.700
6003474130105	600347	4130105	9.58E-07	0.958	1.700
6003574130105	600357	4130105	1.16E-06	1.159	1.700
6003674130105	600367	4130105	1.09E-06	1.093	1.700
6003774130105	600377	4130105	1.07E-06	1.075	1.700
6003874130105	600387	4130105	1.08E-06	1.079	1.700
6003974130105	600397	4130105	1.10E-06	1.102	1.700
6004074130105	600407	4130105	1.13E-06	1.131	1.700
6004174130105	600417	4130105	1.16E-06	1.164	1.700
6004274130105	600427	4130105	1.20E-06	1.196	1.700
6004374130105	600437	4130105	1.22E-06	1.224	1.700
6004474130105	600447	4130105	1.24E-06	1.240	1.700
6004574130105	600457	4130105	1.24E-06	1.240	1.700
6004674130105	600467	4130105	1.22E-06	1.222	1.700
6004774130105	600477	4130105	1.19E-06	1.189	1.700
6004874130105	600487	4130105	1.14E-06	1.145	1.700
6004974130105	600497	4130105	1.09E-06	1.091	1.700
6005074130105	600507	4130105	1.03E-06	1.027	1.700
6005174130105	600517	4130105	9.55E-07	0.955	1.700
6005274130105	600527	4130105	8.78E-07	0.878	1.700
6005374130105	600537	4130105	8.01E-07	0.801	1.700
6005474130105	600547	4130105	7.29E-07	0.729	1.700
6005574130105	600557	4130105	6.67E-07	0.667	1.700
6005674130105	600567	4130105	6.16E-07	0.616	1.700
6005774130105	600577	4130105	5.76E-07	0.576	1.700
6005874130105	600587	4130105	5.45E-07	0.545	1.700
6005974130105	600597	4130105	5.21E-07	0.521	1.700
6006074130105	600607	4130105	5.04E-07	0.504	1.700
6006174130105	600617	4130105	4.92E-07	0.492	1.700
6006274130105	600627	4130105	4.86E-07	0.486	1.700
6006374130105	600637	4130105	4.86E-07	0.486	1.700
6006474130105	600647	4130105	4.93E-07	0.493	1.700
6006574130105	600657	4130105	5.09E-07	0.509	1.700
6006674130105	600667	4130105	5.36E-07	0.536	1.700
6006774130105	600677	4130105	5.82E-07	0.582	1.700
6006874130105	600687	4130105	6.63E-07	0.663	1.700
6006974130105	600697	4130105	7.11E-07	0.711	1.700
6007074130105	600707	4130105	6.87E-07	0.687	1.700
6007174130105	600717	4130105	6.98E-07	0.698	1.700
6007274130105	600727	4130105	7.66E-07	0.766	1.700
6007374130105	600737	4130105	6.29E-07	0.629	1.700
6007474130105	600747	4130105	5.36E-07	0.536	1.700
6007574130105	600757	4130105	4.66E-07	0.466	1.700
6007674130105	600767	4130105	4.14E-07	0.414	1.700
6007774130105	600777	4130105	3.73E-07	0.373	1.700
6007874130105	600787	4130105	3.40E-07	0.340	1.700
6007974130105	600797	4130105	3.13E-07	0.313	1.700
6008074130105	600807	4130105	2.91E-07	0.291	1.700
6008174130105	600817	4130105	2.71E-07	0.271	1.700
6008274130105	600827	4130105	2.54E-07	0.254	1.700



6008374130105	600837	4130105	2.40E-07	0.240	1.700
6008474130105	600847	4130105	2.27E-07	0.227	1.700
6008574130105	600857	4130105	2.15E-07	0.215	1.700
6008674130105	600867	4130105	2.04E-07	0.204	1.700
6008774130105	600877	4130105	1.94E-07	0.194	1.700
6008874130105	600887	4130105	1.86E-07	0.186	1.700
6001874130115	600187	4130115	4.06E-07	0.406	1.700
6001974130115	600197	4130115	3.99E-07	0.399	1.700
6002074130115	600207	4130115	3.99E-07	0.399	1.700
6002174130115	600217	4130115	4.04E-07	0.404	1.700
6002274130115	600227	4130115	4.14E-07	0.414	1.700
6002374130115	600237	4130115	4.29E-07	0.429	1.700
6002474130115	600247	4130115	4.49E-07	0.449	1.700
6002574130115	600257	4130115	4.74E-07	0.474	1.700
6002674130115	600267	4130115	5.04E-07	0.504	1.700
6002774130115	600277	4130115	5.40E-07	0.540	1.700
6002874130115	600287	4130115	5.83E-07	0.583	1.700
6002974130115	600297	4130115	6.35E-07	0.635	1.700
6003074130115	600307	4130115	7.00E-07	0.700	1.700
6003174130115	600317	4130115	7.81E-07	0.781	1.700
6003274130115	600327	4130115	8.86E-07	0.886	1.700
6003374130115	600337	4130115	9.17E-07	0.917	1.700
6003474130115	600347	4130115	8.97E-07	0.897	1.700
6003574130115	600357	4130115	9.42E-07	0.942	1.700
6003674130115	600367	4130115	1.06E-06	1.065	1.700
6003774130115	600377	4130115	1.13E-06	1.128	1.700
6003874130115	600387	4130115	1.10E-06	1.099	1.700
6003974130115	600397	4130115	1.09E-06	1.090	1.700
6004074130115	600407	4130115	1.09E-06	1.095	1.700
6004174130115	600417	4130115	1.11E-06	1.105	1.700
6004274130115	600427	4130115	1.12E-06	1.116	1.700
6004374130115	600437	4130115	1.12E-06	1.124	1.700
6004474130115	600447	4130115	1.12E-06	1.122	1.700
6004574130115	600457	4130115	1.11E-06	1.109	1.700
6004674130115	600467	4130115	1.09E-06	1.085	1.700
6004774130115	600477	4130115	1.05E-06	1.052	1.700
6004874130115	600487	4130115	1.01E-06	1.011	1.700
6004974130115	600497	4130115	9.64E-07	0.964	1.700
6005074130115	600507	4130115	9.11E-07	0.911	1.700
6005174130115	600517	4130115	8.53E-07	0.853	1.700
6005274130115	600527	4130115	7.91E-07	0.791	1.700
6005374130115	600537	4130115	7.29E-07	0.729	1.700
6005474130115	600547	4130115	6.71E-07	0.671	1.700
6005574130115	600557	4130115	6.19E-07	0.619	1.700
6005674130115	600567	4130115	5.75E-07	0.575	1.700
6005774130115	600577	4130115	5.41E-07	0.541	1.700
6005874130115	600587	4130115	5.14E-07	0.514	1.700
6005974130115	600597	4130115	4.93E-07	0.493	1.700
6006074130115	600607	4130115	4.80E-07	0.480	1.700
6006174130115	600617	4130115	4.73E-07	0.473	1.700
6006274130115	600627	4130115	4.71E-07	0.471	1.700
6006374130115	600637	4130115	4.77E-07	0.477	1.700
6006474130115	600647	4130115	4.91E-07	0.491	1.700
6006574130115	600657	4130115	5.16E-07	0.516	1.700
6006674130115	600667	4130115	5.59E-07	0.559	1.700

6006774130115	600677	4130115	6.34E-07	0.634	1.700
6006874130115	600687	4130115	6.02E-07	0.602	1.700
6006974130115	600697	4130115	6.80E-07	0.680	1.700
6007074130115	600707	4130115	6.81E-07	0.681	1.700
6007174130115	600717	4130115	7.81E-07	0.781	1.700
6007274130115	600727	4130115	6.39E-07	0.639	1.700
6007374130115	600737	4130115	5.46E-07	0.546	1.700
6007474130115	600747	4130115	4.77E-07	0.477	1.700
6007574130115	600757	4130115	4.23E-07	0.423	1.700
6007674130115	600767	4130115	3.80E-07	0.380	1.700
6007774130115	600777	4130115	3.46E-07	0.346	1.700
6007874130115	600787	4130115	3.17E-07	0.317	1.700
6007974130115	600797	4130115	2.94E-07	0.294	1.700
6008074130115	600807	4130115	2.74E-07	0.274	1.700
6008174130115	600817	4130115	2.56E-07	0.256	1.700
6008274130115	600827	4130115	2.41E-07	0.241	1.700
6008374130115	600837	4130115	2.27E-07	0.227	1.700
6008474130115	600847	4130115	2.15E-07	0.215	1.700
6008574130115	600857	4130115	2.05E-07	0.205	1.700
6008674130115	600867	4130115	1.95E-07	0.195	1.700
6008774130115	600877	4130115	1.86E-07	0.186	1.700
6008874130115	600887	4130115	1.77E-07	0.177	1.700
6001974130125	600197	4130125	3.65E-07	0.365	1.700
6002074130125	600207	4130125	3.72E-07	0.372	1.700
6002174130125	600217	4130125	3.82E-07	0.382	1.700
6002274130125	600227	4130125	3.96E-07	0.396	1.700
6002374130125	600237	4130125	4.12E-07	0.412	1.700
6002474130125	600247	4130125	4.32E-07	0.432	1.700
6002574130125	600257	4130125	4.56E-07	0.456	1.700
6002674130125	600267	4130125	4.83E-07	0.483	1.700
6002774130125	600277	4130125	5.16E-07	0.516	1.700
6002874130125	600287	4130125	5.54E-07	0.554	1.700
6002974130125	600297	4130125	5.99E-07	0.599	1.700
6003074130125	600307	4130125	6.51E-07	0.651	1.700
6003174130125	600317	4130125	7.13E-07	0.713	1.700
6003274130125	600327	4130125	7.89E-07	0.789	1.700
6003374130125	600337	4130125	8.90E-07	0.890	1.700
6003474130125	600347	4130125	1.03E-06	1.031	1.700
6003574130125	600357	4130125	9.20E-07	0.920	1.700
6003674130125	600367	4130125	8.77E-07	0.877	1.700
6003774130125	600377	4130125	1.11E-06	1.108	1.700
6003874130125	600387	4130125	1.15E-06	1.147	1.700
6003974130125	600397	4130125	1.10E-06	1.099	1.700
6004074130125	600407	4130125	1.07E-06	1.074	1.700
6004174130125	600417	4130125	1.06E-06	1.061	1.700
6004274130125	600427	4130125	1.05E-06	1.053	1.700
6004374130125	600437	4130125	1.04E-06	1.044	1.700
6004474130125	600447	4130125	1.03E-06	1.029	1.700
6004574130125	600457	4130125	1.01E-06	1.007	1.700
6004674130125	600467	4130125	9.79E-07	0.979	1.700
6004774130125	600477	4130125	9.46E-07	0.946	1.700
6004874130125	600487	4130125	9.08E-07	0.908	1.700
6004974130125	600497	4130125	8.66E-07	0.866	1.700
6005074130125	600507	4130125	8.21E-07	0.821	1.700
6005174130125	600517	4130125	7.73E-07	0.773	1.700

6005274130125	600527	4130125	7.22E-07	0.722	1.700
6005374130125	600537	4130125	6.72E-07	0.672	1.700
6005474130125	600547	4130125	6.24E-07	0.624	1.700
6005574130125	600557	4130125	5.80E-07	0.580	1.700
6005674130125	600567	4130125	5.43E-07	0.543	1.700
6005774130125	600577	4130125	5.13E-07	0.513	1.700
6005874130125	600587	4130125	4.90E-07	0.490	1.700
6005974130125	600597	4130125	4.73E-07	0.473	1.700
6006074130125	600607	4130125	4.63E-07	0.463	1.700
6006174130125	600617	4130125	4.61E-07	0.461	1.700
6006274130125	600627	4130125	4.65E-07	0.465	1.700
6006374130125	600637	4130125	4.77E-07	0.477	1.700
6006474130125	600647	4130125	5.00E-07	0.500	1.700
6006574130125	600657	4130125	5.41E-07	0.541	1.700
6006674130125	600667	4130125	6.11E-07	0.611	1.700
6006774130125	600677	4130125	6.58E-07	0.658	1.700
6006874130125	600687	4130125	6.55E-07	0.655	1.700
6006974130125	600697	4130125	6.81E-07	0.681	1.700
6007074130125	600707	4130125	7.96E-07	0.796	1.700
6007174130125	600717	4130125	6.48E-07	0.648	1.700
6007274130125	600727	4130125	5.52E-07	0.552	1.700
6007374130125	600737	4130125	4.83E-07	0.483	1.700
6007474130125	600747	4130125	4.29E-07	0.429	1.700
6007574130125	600757	4130125	3.86E-07	0.386	1.700
6007674130125	600767	4130125	3.50E-07	0.350	1.700
6007774130125	600777	4130125	3.22E-07	0.322	1.700
6007874130125	600787	4130125	2.97E-07	0.297	1.700
6007974130125	600797	4130125	2.76E-07	0.276	1.700
6008074130125	600807	4130125	2.58E-07	0.258	1.700
6008174130125	600817	4130125	2.43E-07	0.243	1.700
6008274130125	600827	4130125	2.29E-07	0.229	1.700
6008374130125	600837	4130125	2.16E-07	0.216	1.700
6008474130125	600847	4130125	2.05E-07	0.205	1.700
6008574130125	600857	4130125	1.95E-07	0.195	1.700
6008674130125	600867	4130125	1.86E-07	0.186	1.700
6008774130125	600877	4130125	1.77E-07	0.177	1.700
6001974130135	600197	4130135	3.42E-07	0.342	1.700
6002074130135	600207	4130135	3.53E-07	0.353	1.700
6002174130135	600217	4130135	3.66E-07	0.366	1.700
6002274130135	600227	4130135	3.80E-07	0.380	1.700
6002374130135	600237	4130135	3.97E-07	0.397	1.700
6002474130135	600247	4130135	4.17E-07	0.417	1.700
6002574130135	600257	4130135	4.39E-07	0.439	1.700
6002674130135	600267	4130135	4.65E-07	0.465	1.700
6002774130135	600277	4130135	4.95E-07	0.495	1.700
6002874130135	600287	4130135	5.29E-07	0.529	1.700
6002974130135	600297	4130135	5.67E-07	0.567	1.700
6003074130135	600307	4130135	6.10E-07	0.610	1.700
6003174130135	600317	4130135	6.60E-07	0.660	1.700
6003274130135	600327	4130135	7.21E-07	0.721	1.700
6003374130135	600337	4130135	7.95E-07	0.795	1.700
6003474130135	600347	4130135	8.90E-07	0.890	1.700
6003574130135	600357	4130135	1.02E-06	1.020	1.700
6003674130135	600367	4130135	9.08E-07	0.908	1.700
6003774130135	600377	4130135	9.55E-07	0.955	1.700

6003874130135	600387	4130135	1.09E-06	1.087	1.700
6003974130135	600397	4130135	1.15E-06	1.147	1.700
6004074130135	600407	4130135	1.08E-06	1.079	1.700
6004174130135	600417	4130135	1.04E-06	1.039	1.700
6004274130135	600427	4130135	1.01E-06	1.011	1.700
6004374130135	600437	4130135	9.85E-07	0.985	1.700
6004474130135	600447	4130135	9.58E-07	0.958	1.700
6004574130135	600457	4130135	9.29E-07	0.929	1.700
6004674130135	600467	4130135	8.98E-07	0.898	1.700
6004774130135	600477	4130135	8.64E-07	0.864	1.700
6004874130135	600487	4130135	8.28E-07	0.828	1.700
6004974130135	600497	4130135	7.90E-07	0.790	1.700
6005074130135	600507	4130135	7.51E-07	0.751	1.700
6005174130135	600517	4130135	7.11E-07	0.711	1.700
6005274130135	600527	4130135	6.68E-07	0.668	1.700
6005374130135	600537	4130135	6.27E-07	0.627	1.700
6005474130135	600547	4130135	5.87E-07	0.587	1.700
6005574130135	600557	4130135	5.50E-07	0.550	1.700
6005674130135	600567	4130135	5.19E-07	0.519	1.700
6005774130135	600577	4130135	4.93E-07	0.493	1.700
6005874130135	600587	4130135	4.73E-07	0.473	1.700
6005974130135	600597	4130135	4.60E-07	0.460	1.700
6006074130135	600607	4130135	4.55E-07	0.455	1.700
6006174130135	600617	4130135	4.57E-07	0.457	1.700
6006274130135	600627	4130135	4.67E-07	0.467	1.700
6006374130135	600637	4130135	4.89E-07	0.489	1.700
6006474130135	600647	4130135	5.26E-07	0.526	1.700
6006574130135	600657	4130135	5.91E-07	0.591	1.700
6006674130135	600667	4130135	7.15E-07	0.715	1.700
6006774130135	600677	4130135	6.38E-07	0.638	1.700
6006874130135	600687	4130135	6.77E-07	0.677	1.700
6006974130135	600697	4130135	8.13E-07	0.813	1.700
6007074130135	600707	4130135	6.56E-07	0.656	1.700
6007174130135	600717	4130135	5.57E-07	0.557	1.700
6007274130135	600727	4130135	4.87E-07	0.487	1.700
6007374130135	600737	4130135	4.34E-07	0.434	1.700
6007474130135	600747	4130135	3.90E-07	0.390	1.700
6007574130135	600757	4130135	3.54E-07	0.354	1.700
6007674130135	600767	4130135	3.25E-07	0.325	1.700
6007774130135	600777	4130135	3.00E-07	0.300	1.700
6007874130135	600787	4130135	2.78E-07	0.278	1.700
6007974130135	600797	4130135	2.59E-07	0.259	1.700
6008074130135	600807	4130135	2.43E-07	0.243	1.700
6008174130135	600817	4130135	2.29E-07	0.229	1.700
6008274130135	600827	4130135	2.17E-07	0.217	1.700
6008374130135	600837	4130135	2.05E-07	0.205	1.700
6008474130135	600847	4130135	1.95E-07	0.195	1.700
6008574130135	600857	4130135	1.86E-07	0.186	1.700
6008674130135	600867	4130135	1.77E-07	0.177	1.700
6008774130135	600877	4130135	1.69E-07	0.169	1.700
6002074130145	600207	4130145	3.39E-07	0.339	1.700
6002174130145	600217	4130145	3.53E-07	0.353	1.700
6002274130145	600227	4130145	3.68E-07	0.368	1.700
6002374130145	600237	4130145	3.84E-07	0.384	1.700
6002474130145	600247	4130145	4.03E-07	0.403	1.700

6002574130145	600257	4130145	4.25E-07	0.425	1.700
6002674130145	600267	4130145	4.49E-07	0.449	1.700
6002774130145	600277	4130145	4.75E-07	0.475	1.700
6002874130145	600287	4130145	5.05E-07	0.505	1.700
6002974130145	600297	4130145	5.38E-07	0.538	1.700
6003074130145	600307	4130145	5.75E-07	0.575	1.700
6003174130145	600317	4130145	6.17E-07	0.617	1.700
6003274130145	600327	4130145	6.66E-07	0.666	1.700
6003374130145	600337	4130145	7.24E-07	0.724	1.700
6003474130145	600347	4130145	7.93E-07	0.793	1.700
6003574130145	600357	4130145	8.79E-07	0.879	1.700
6003674130145	600367	4130145	9.97E-07	0.997	1.700
6003774130145	600377	4130145	1.01E-06	1.007	1.700
6003874130145	600387	4130145	9.45E-07	0.945	1.700
6003974130145	600397	4130145	9.54E-07	0.954	1.700
6004074130145	600407	4130145	1.13E-06	1.131	1.700
6004174130145	600417	4130145	1.05E-06	1.048	1.700
6004274130145	600427	4130145	9.92E-07	0.992	1.700
6004374130145	600437	4130145	9.48E-07	0.948	1.700
6004474130145	600447	4130145	9.09E-07	0.909	1.700
6004574130145	600457	4130145	8.73E-07	0.873	1.700
6004674130145	600467	4130145	8.38E-07	0.838	1.700
6004774130145	600477	4130145	8.02E-07	0.802	1.700
6004874130145	600487	4130145	7.67E-07	0.767	1.700
6004974130145	600497	4130145	7.32E-07	0.732	1.700
6005074130145	600507	4130145	6.98E-07	0.698	1.700
6005174130145	600517	4130145	6.62E-07	0.662	1.700
6005274130145	600527	4130145	6.26E-07	0.626	1.700
6005374130145	600537	4130145	5.91E-07	0.591	1.700
6005474130145	600547	4130145	5.57E-07	0.557	1.700
6005574130145	600557	4130145	5.27E-07	0.527	1.700
6005674130145	600567	4130145	5.00E-07	0.500	1.700
6005774130145	600577	4130145	4.78E-07	0.478	1.700
6005874130145	600587	4130145	4.63E-07	0.463	1.700
6005974130145	600597	4130145	4.54E-07	0.454	1.700
6006074130145	600607	4130145	4.53E-07	0.453	1.700
6006174130145	600617	4130145	4.61E-07	0.461	1.700
6006274130145	600627	4130145	4.80E-07	0.480	1.700
6006374130145	600637	4130145	5.15E-07	0.515	1.700
6006474130145	600647	4130145	5.75E-07	0.575	1.700
6006574130145	600657	4130145	6.88E-07	0.688	1.700
6006674130145	600667	4130145	6.30E-07	0.630	1.700
6006774130145	600677	4130145	6.62E-07	0.662	1.700
6006874130145	600687	4130145	8.33E-07	0.833	1.700
6006974130145	600697	4130145	6.65E-07	0.665	1.700
6007074130145	600707	4130145	5.62E-07	0.562	1.700
6007174130145	600717	4130145	4.90E-07	0.490	1.700
6007274130145	600727	4130145	4.36E-07	0.436	1.700
6007374130145	600737	4130145	3.93E-07	0.393	1.700
6007474130145	600747	4130145	3.57E-07	0.357	1.700
6007574130145	600757	4130145	3.26E-07	0.326	1.700
6007674130145	600767	4130145	3.01E-07	0.301	1.700
6007774130145	600777	4130145	2.79E-07	0.279	1.700
6007874130145	600787	4130145	2.61E-07	0.261	1.700
6007974130145	600797	4130145	2.44E-07	0.244	1.700

6008074130145	600807	4130145	2.30E-07	0.230	1.700
6008174130145	600817	4130145	2.17E-07	0.217	1.700
6008274130145	600827	4130145	2.05E-07	0.205	1.700
6008374130145	600837	4130145	1.95E-07	0.195	1.700
6008474130145	600847	4130145	1.85E-07	0.185	1.700
6008574130145	600857	4130145	1.77E-07	0.177	1.700
6008674130145	600867	4130145	1.69E-07	0.169	1.700
6002074130155	600207	4130155	3.28E-07	0.328	1.700
6002174130155	600217	4130155	3.42E-07	0.342	1.700
6002274130155	600227	4130155	3.56E-07	0.356	1.700
6002374130155	600237	4130155	3.73E-07	0.373	1.700
6002474130155	600247	4130155	3.91E-07	0.391	1.700
6002574130155	600257	4130155	4.11E-07	0.411	1.700
6002674130155	600267	4130155	4.33E-07	0.433	1.700
6002774130155	600277	4130155	4.57E-07	0.457	1.700
6002874130155	600287	4130155	4.84E-07	0.484	1.700
6002974130155	600297	4130155	5.12E-07	0.512	1.700
6003074130155	600307	4130155	5.44E-07	0.544	1.700
6003174130155	600317	4130155	5.80E-07	0.580	1.700
6003274130155	600327	4130155	6.20E-07	0.620	1.700
6003374130155	600337	4130155	6.66E-07	0.666	1.700
6003474130155	600347	4130155	7.19E-07	0.719	1.700
6003574130155	600357	4130155	7.81E-07	0.781	1.700
6003674130155	600367	4130155	8.61E-07	0.861	1.700
6003774130155	600377	4130155	9.68E-07	0.968	1.700
6003874130155	600387	4130155	8.75E-07	0.875	1.700
6003974130155	600397	4130155	9.16E-07	0.916	1.700
6004074130155	600407	4130155	9.57E-07	0.957	1.700
6004174130155	600417	4130155	1.11E-06	1.108	1.700
6004274130155	600427	4130155	1.01E-06	1.008	1.700
6004374130155	600437	4130155	9.38E-07	0.938	1.700
6004474130155	600447	4130155	8.83E-07	0.883	1.700
6004574130155	600457	4130155	8.37E-07	0.837	1.700
6004674130155	600467	4130155	7.96E-07	0.796	1.700
6004774130155	600477	4130155	7.58E-07	0.758	1.700
6004874130155	600487	4130155	7.23E-07	0.723	1.700
6004974130155	600497	4130155	6.89E-07	0.689	1.700
6005074130155	600507	4130155	6.57E-07	0.657	1.700
6005174130155	600517	4130155	6.25E-07	0.625	1.700
6005274130155	600527	4130155	5.94E-07	0.594	1.700
6005374130155	600537	4130155	5.63E-07	0.563	1.700
6005474130155	600547	4130155	5.35E-07	0.535	1.700
6005574130155	600557	4130155	5.09E-07	0.509	1.700
6005674130155	600567	4130155	4.86E-07	0.486	1.700
6005774130155	600577	4130155	4.69E-07	0.469	1.700
6005874130155	600587	4130155	4.58E-07	0.458	1.700
6005974130155	600597	4130155	4.55E-07	0.455	1.700
6006074130155	600607	4130155	4.59E-07	0.459	1.700
6006174130155	600617	4130155	4.75E-07	0.475	1.700
6006274130155	600627	4130155	5.06E-07	0.506	1.700
6006374130155	600637	4130155	5.62E-07	0.562	1.700
6006474130155	600647	4130155	6.66E-07	0.666	1.700
6006574130155	600657	4130155	6.06E-07	0.606	1.700
6006674130155	600667	4130155	5.58E-07	0.558	1.700
6006774130155	600677	4130155	7.46E-07	0.746	1.700

6006874130155	600687	4130155	6.75E-07	0.675	1.700
6006974130155	600697	4130155	5.67E-07	0.567	1.700
6007074130155	600707	4130155	4.93E-07	0.493	1.700
6007174130155	600717	4130155	4.38E-07	0.438	1.700
6007274130155	600727	4130155	3.94E-07	0.394	1.700
6007374130155	600737	4130155	3.58E-07	0.358	1.700
6007474130155	600747	4130155	3.28E-07	0.328	1.700
6007574130155	600757	4130155	3.02E-07	0.302	1.700
6007674130155	600767	4130155	2.80E-07	0.280	1.700
6007774130155	600777	4130155	2.61E-07	0.261	1.700
6007874130155	600787	4130155	2.44E-07	0.244	1.700
6007974130155	600797	4130155	2.30E-07	0.230	1.700
6008074130155	600807	4130155	2.17E-07	0.217	1.700
6008174130155	600817	4130155	2.05E-07	0.205	1.700
6008274130155	600827	4130155	1.95E-07	0.195	1.700
6008374130155	600837	4130155	1.85E-07	0.185	1.700
6008474130155	600847	4130155	1.76E-07	0.176	1.700
6008574130155	600857	4130155	1.68E-07	0.168	1.700
6008674130155	600867	4130155	1.61E-07	0.161	1.700
6002174130165	600217	4130165	3.32E-07	0.332	1.700
6002274130165	600227	4130165	3.46E-07	0.346	1.700
6002374130165	600237	4130165	3.61E-07	0.361	1.700
6002474130165	600247	4130165	3.79E-07	0.379	1.700
6002574130165	600257	4130165	3.97E-07	0.397	1.700
6002674130165	600267	4130165	4.18E-07	0.418	1.700
6002774130165	600277	4130165	4.39E-07	0.439	1.700
6002874130165	600287	4130165	4.63E-07	0.463	1.700
6002974130165	600297	4130165	4.88E-07	0.488	1.700
6003074130165	600307	4130165	5.16E-07	0.516	1.700
6003174130165	600317	4130165	5.47E-07	0.547	1.700
6003274130165	600327	4130165	5.80E-07	0.580	1.700
6003374130165	600337	4130165	6.17E-07	0.617	1.700
6003474130165	600347	4130165	6.58E-07	0.658	1.700
6003574130165	600357	4130165	7.07E-07	0.707	1.700
6003674130165	600367	4130165	7.64E-07	0.764	1.700
6003774130165	600377	4130165	8.34E-07	0.834	1.700
6003874130165	600387	4130165	9.28E-07	0.928	1.700
6003974130165	600397	4130165	9.35E-07	0.935	1.700
6004074130165	600407	4130165	8.77E-07	0.877	1.700
6004174130165	600417	4130165	8.80E-07	0.880	1.700
6004274130165	600427	4130165	1.08E-06	1.081	1.700
6004374130165	600437	4130165	9.65E-07	0.965	1.700
6004474130165	600447	4130165	8.85E-07	0.885	1.700
6004574130165	600457	4130165	8.23E-07	0.823	1.700
6004674130165	600467	4130165	7.72E-07	0.772	1.700
6004774130165	600477	4130165	7.30E-07	0.730	1.700
6004874130165	600487	4130165	6.93E-07	0.693	1.700
6004974130165	600497	4130165	6.59E-07	0.659	1.700
6005074130165	600507	4130165	6.27E-07	0.627	1.700
6005174130165	600517	4130165	5.98E-07	0.598	1.700
6005274130165	600527	4130165	5.69E-07	0.569	1.700
6005374130165	600537	4130165	5.43E-07	0.543	1.700
6005474130165	600547	4130165	5.18E-07	0.518	1.700
6005574130165	600557	4130165	4.96E-07	0.496	1.700
6005674130165	600567	4130165	4.78E-07	0.478	1.700

6005774130165	600577	4130165	4.66E-07	0.466	1.700
6005874130165	600587	4130165	4.60E-07	0.460	1.700
6005974130165	600597	4130165	4.62E-07	0.462	1.700
6006074130165	600607	4130165	4.74E-07	0.474	1.700
6006174130165	600617	4130165	5.02E-07	0.502	1.700
6006274130165	600627	4130165	5.52E-07	0.552	1.700
6006374130165	600637	4130165	6.47E-07	0.647	1.700
6006474130165	600647	4130165	6.11E-07	0.611	1.700
6006574130165	600657	4130165	6.49E-07	0.649	1.700
6006674130165	600667	4130165	7.40E-07	0.740	1.700
6006774130165	600677	4130165	6.90E-07	0.690	1.700
6006874130165	600687	4130165	5.73E-07	0.573	1.700
6006974130165	600697	4130165	4.96E-07	0.496	1.700
6007074130165	600707	4130165	4.39E-07	0.439	1.700
6007174130165	600717	4130165	3.95E-07	0.395	1.700
6007274130165	600727	4130165	3.58E-07	0.358	1.700
6007374130165	600737	4130165	3.28E-07	0.328	1.700
6007474130165	600747	4130165	3.03E-07	0.303	1.700
6007574130165	600757	4130165	2.80E-07	0.280	1.700
6007674130165	600767	4130165	2.61E-07	0.261	1.700
6007774130165	600777	4130165	2.44E-07	0.244	1.700
6007874130165	600787	4130165	2.29E-07	0.229	1.700
6007974130165	600797	4130165	2.16E-07	0.216	1.700
6008074130165	600807	4130165	2.05E-07	0.205	1.700
6008174130165	600817	4130165	1.94E-07	0.194	1.700
6008274130165	600827	4130165	1.85E-07	0.185	1.700
6008374130165	600837	4130165	1.76E-07	0.176	1.700
6008474130165	600847	4130165	1.68E-07	0.168	1.700
6008574130165	600857	4130165	1.60E-07	0.160	1.700
6002174130175	600217	4130175	3.22E-07	0.322	1.700
6002274130175	600227	4130175	3.36E-07	0.336	1.700
6002374130175	600237	4130175	3.51E-07	0.351	1.700
6002474130175	600247	4130175	3.67E-07	0.367	1.700
6002574130175	600257	4130175	3.84E-07	0.384	1.700
6002674130175	600267	4130175	4.03E-07	0.403	1.700
6002774130175	600277	4130175	4.22E-07	0.422	1.700
6002874130175	600287	4130175	4.43E-07	0.443	1.700
6002974130175	600297	4130175	4.66E-07	0.466	1.700
6003074130175	600307	4130175	4.90E-07	0.490	1.700
6003174130175	600317	4130175	5.16E-07	0.516	1.700
6003274130175	600327	4130175	5.45E-07	0.545	1.700
6003374130175	600337	4130175	5.74E-07	0.574	1.700
6003474130175	600347	4130175	6.08E-07	0.608	1.700
6003574130175	600357	4130175	6.46E-07	0.646	1.700
6003674130175	600367	4130175	6.88E-07	0.688	1.700
6003774130175	600377	4130175	7.38E-07	0.738	1.700
6003874130175	600387	4130175	8.00E-07	0.800	1.700
6003974130175	600397	4130175	8.82E-07	0.882	1.700
6004074130175	600407	4130175	1.01E-06	1.007	1.700
6004174130175	600417	4130175	8.39E-07	0.839	1.700
6004274130175	600427	4130175	7.59E-07	0.759	1.700
6004374130175	600437	4130175	9.34E-07	0.934	1.700
6004474130175	600447	4130175	9.25E-07	0.925	1.700
6004574130175	600457	4130175	8.36E-07	0.836	1.700
6004674130175	600467	4130175	7.70E-07	0.770	1.700



6004774130175	600477	4130175	7.19E-07	0.719	1.700
6004874130175	600487	4130175	6.77E-07	0.677	1.700
6004974130175	600497	4130175	6.40E-07	0.640	1.700
6005074130175	600507	4130175	6.08E-07	0.608	1.700
6005174130175	600517	4130175	5.79E-07	0.579	1.700
6005274130175	600527	4130175	5.53E-07	0.553	1.700
6005374130175	600537	4130175	5.29E-07	0.529	1.700
6005474130175	600547	4130175	5.07E-07	0.507	1.700
6005574130175	600557	4130175	4.89E-07	0.489	1.700
6005674130175	600567	4130175	4.75E-07	0.475	1.700
6005774130175	600577	4130175	4.68E-07	0.468	1.700
6005874130175	600587	4130175	4.68E-07	0.468	1.700
6005974130175	600597	4130175	4.77E-07	0.477	1.700
6006074130175	600607	4130175	5.01E-07	0.501	1.700
6006174130175	600617	4130175	5.46E-07	0.546	1.700
6006274130175	600627	4130175	6.32E-07	0.632	1.700
6006374130175	600637	4130175	5.85E-07	0.585	1.700
6006474130175	600647	4130175	6.68E-07	0.668	1.700
6006574130175	600657	4130175	7.66E-07	0.766	1.700
6006674130175	600667	4130175	7.04E-07	0.704	1.700
6006774130175	600677	4130175	5.82E-07	0.582	1.700
6006874130175	600687	4130175	5.01E-07	0.501	1.700
6006974130175	600697	4130175	4.41E-07	0.441	1.700
6007074130175	600707	4130175	3.95E-07	0.395	1.700
6007174130175	600717	4130175	3.58E-07	0.358	1.700
6007274130175	600727	4130175	3.27E-07	0.327	1.700
6007374130175	600737	4130175	3.02E-07	0.302	1.700
6007474130175	600747	4130175	2.80E-07	0.280	1.700
6007574130175	600757	4130175	2.61E-07	0.261	1.700
6007674130175	600767	4130175	2.44E-07	0.244	1.700
6007774130175	600777	4130175	2.29E-07	0.229	1.700
6007874130175	600787	4130175	2.16E-07	0.216	1.700
6007974130175	600797	4130175	2.04E-07	0.204	1.700
6008074130175	600807	4130175	1.93E-07	0.193	1.700
6008174130175	600817	4130175	1.84E-07	0.184	1.700
6008274130175	600827	4130175	1.75E-07	0.175	1.700
6008374130175	600837	4130175	1.67E-07	0.167	1.700
6008474130175	600847	4130175	1.60E-07	0.160	1.700
6008574130175	600857	4130175	1.53E-07	0.153	1.700
6002274130185	600227	4130185	3.27E-07	0.327	1.700
6002374130185	600237	4130185	3.41E-07	0.341	1.700
6002474130185	600247	4130185	3.56E-07	0.356	1.700
6002574130185	600257	4130185	3.72E-07	0.372	1.700
6002674130185	600267	4130185	3.88E-07	0.388	1.700
6002774130185	600277	4130185	4.06E-07	0.406	1.700
6002874130185	600287	4130185	4.25E-07	0.425	1.700
6002974130185	600297	4130185	4.45E-07	0.445	1.700
6003074130185	600307	4130185	4.66E-07	0.466	1.700
6003174130185	600317	4130185	4.88E-07	0.488	1.700
6003274130185	600327	4130185	5.12E-07	0.512	1.700
6003374130185	600337	4130185	5.37E-07	0.537	1.700
6003474130185	600347	4130185	5.64E-07	0.564	1.700
6003574130185	600357	4130185	5.93E-07	0.593	1.700
6003674130185	600367	4130185	6.26E-07	0.626	1.700
6003774130185	600377	4130185	6.63E-07	0.663	1.700

6003874130185	600387	4130185	7.06E-07	0.706	1.700
6003974130185	600397	4130185	7.60E-07	0.760	1.700
6004074130185	600407	4130185	8.32E-07	0.832	1.700
6004174130185	600417	4130185	9.42E-07	0.942	1.700
6004274130185	600427	4130185	7.83E-07	0.783	1.700
6004374130185	600437	4130185	7.90E-07	0.790	1.700
6004474130185	600447	4130185	8.74E-07	0.874	1.700
6004574130185	600457	4130185	8.88E-07	0.888	1.700
6004674130185	600467	4130185	7.95E-07	0.795	1.700
6004774130185	600477	4130185	7.28E-07	0.728	1.700
6004874130185	600487	4130185	6.76E-07	0.676	1.700
6004974130185	600497	4130185	6.34E-07	0.634	1.700
6005074130185	600507	4130185	5.99E-07	0.599	1.700
6005174130185	600517	4130185	5.69E-07	0.569	1.700
6005274130185	600527	4130185	5.43E-07	0.543	1.700
6005374130185	600537	4130185	5.21E-07	0.521	1.700
6005474130185	600547	4130185	5.02E-07	0.502	1.700
6005574130185	600557	4130185	4.87E-07	0.487	1.700
6005674130185	600567	4130185	4.78E-07	0.478	1.700
6005774130185	600577	4130185	4.76E-07	0.476	1.700
6005874130185	600587	4130185	4.83E-07	0.483	1.700
6005974130185	600597	4130185	5.02E-07	0.502	1.700
6006074130185	600607	4130185	5.43E-07	0.543	1.700
6006174130185	600617	4130185	6.20E-07	0.620	1.700
6006274130185	600627	4130185	6.69E-07	0.669	1.700
6006374130185	600637	4130185	6.41E-07	0.641	1.700
6006474130185	600647	4130185	6.48E-07	0.648	1.700
6006574130185	600657	4130185	7.20E-07	0.720	1.700
6006674130185	600667	4130185	5.91E-07	0.591	1.700
6006774130185	600677	4130185	5.06E-07	0.506	1.700
6006874130185	600687	4130185	4.44E-07	0.444	1.700
6006974130185	600697	4130185	3.97E-07	0.397	1.700
6007074130185	600707	4130185	3.58E-07	0.358	1.700
6007174130185	600717	4130185	3.27E-07	0.327	1.700
6007274130185	600727	4130185	3.01E-07	0.301	1.700
6007374130185	600737	4130185	2.79E-07	0.279	1.700
6007474130185	600747	4130185	2.60E-07	0.260	1.700
6007574130185	600757	4130185	2.43E-07	0.243	1.700
6007674130185	600767	4130185	2.28E-07	0.228	1.700
6007774130185	600777	4130185	2.15E-07	0.215	1.700
6007874130185	600787	4130185	2.03E-07	0.203	1.700
6007974130185	600797	4130185	1.92E-07	0.192	1.700
6008074130185	600807	4130185	1.83E-07	0.183	1.700
6008174130185	600817	4130185	1.74E-07	0.174	1.700
6008274130185	600827	4130185	1.66E-07	0.166	1.700
6008374130185	600837	4130185	1.58E-07	0.158	1.700
6008474130185	600847	4130185	1.52E-07	0.152	1.700
6002374130195	600237	4130195	3.30E-07	0.330	1.700
6002474130195	600247	4130195	3.44E-07	0.344	1.700
6002574130195	600257	4130195	3.59E-07	0.359	1.700
6002674130195	600267	4130195	3.74E-07	0.374	1.700
6002774130195	600277	4130195	3.90E-07	0.390	1.700
6002874130195	600287	4130195	4.07E-07	0.407	1.700
6002974130195	600297	4130195	4.24E-07	0.424	1.700
6003074130195	600307	4130195	4.43E-07	0.443	1.700

6003174130195	600317	4130195	4.62E-07	0.462	1.700
6003274130195	600327	4130195	4.82E-07	0.482	1.700
6003374130195	600337	4130195	5.03E-07	0.503	1.700
6003474130195	600347	4130195	5.25E-07	0.525	1.700
6003574130195	600357	4130195	5.48E-07	0.548	1.700
6003674130195	600367	4130195	5.74E-07	0.574	1.700
6003774130195	600377	4130195	6.02E-07	0.602	1.700
6003874130195	600387	4130195	6.33E-07	0.633	1.700
6003974130195	600397	4130195	6.70E-07	0.670	1.700
6004074130195	600407	4130195	7.18E-07	0.718	1.700
6004174130195	600417	4130195	7.81E-07	0.781	1.700
6004274130195	600427	4130195	8.78E-07	0.878	1.700
6004374130195	600437	4130195	7.48E-07	0.748	1.700
6004474130195	600447	4130195	6.70E-07	0.670	1.700
6004574130195	600457	4130195	7.27E-07	0.727	1.700
6004674130195	600467	4130195	8.60E-07	0.860	1.700
6004774130195	600477	4130195	7.63E-07	0.763	1.700
6004874130195	600487	4130195	6.94E-07	0.694	1.700
6004974130195	600497	4130195	6.42E-07	0.642	1.700
6005074130195	600507	4130195	6.01E-07	0.601	1.700
6005174130195	600517	4130195	5.68E-07	0.568	1.700
6005274130195	600527	4130195	5.41E-07	0.541	1.700
6005374130195	600537	4130195	5.19E-07	0.519	1.700
6005474130195	600547	4130195	5.02E-07	0.502	1.700
6005574130195	600557	4130195	4.91E-07	0.491	1.700
6005674130195	600567	4130195	4.86E-07	0.486	1.700
6005774130195	600577	4130195	4.91E-07	0.491	1.700
6005874130195	600587	4130195	5.07E-07	0.507	1.700
6005974130195	600597	4130195	5.43E-07	0.543	1.700
6006074130195	600607	4130195	6.12E-07	0.612	1.700
6006174130195	600617	4130195	5.75E-07	0.575	1.700
6006274130195	600627	4130195	6.46E-07	0.646	1.700
6006374130195	600637	4130195	6.45E-07	0.645	1.700
6006474130195	600647	4130195	7.39E-07	0.739	1.700
6006574130195	600657	4130195	6.02E-07	0.602	1.700
6006674130195	600667	4130195	5.12E-07	0.512	1.700
6006774130195	600677	4130195	4.47E-07	0.447	1.700
6006874130195	600687	4130195	3.98E-07	0.398	1.700
6006974130195	600697	4130195	3.59E-07	0.359	1.700
6007074130195	600707	4130195	3.27E-07	0.327	1.700
6007174130195	600717	4130195	3.01E-07	0.301	1.700
6007274130195	600727	4130195	2.78E-07	0.278	1.700
6007374130195	600737	4130195	2.59E-07	0.259	1.700
6007474130195	600747	4130195	2.42E-07	0.242	1.700
6007574130195	600757	4130195	2.27E-07	0.227	1.700
6007674130195	600767	4130195	2.14E-07	0.214	1.700
6007774130195	600777	4130195	2.02E-07	0.202	1.700
6007874130195	600787	4130195	1.91E-07	0.191	1.700
6007974130195	600797	4130195	1.81E-07	0.181	1.700
6008074130195	600807	4130195	1.73E-07	0.173	1.700
6008174130195	600817	4130195	1.64E-07	0.164	1.700
6008274130195	600827	4130195	1.57E-07	0.157	1.700
6008374130195	600837	4130195	1.51E-07	0.151	1.700
6008474130195	600847	4130195	1.44E-07	0.144	1.700
6002374130205	600237	4130205	3.20E-07	0.320	1.700

6002474130205	600247	4130205	3.33E-07	0.333	1.700
6002574130205	600257	4130205	3.46E-07	0.346	1.700
6002674130205	600267	4130205	3.60E-07	0.360	1.700
6002774130205	600277	4130205	3.74E-07	0.374	1.700
6002874130205	600287	4130205	3.89E-07	0.389	1.700
6002974130205	600297	4130205	4.05E-07	0.405	1.700
6003074130205	600307	4130205	4.21E-07	0.421	1.700
6003174130205	600317	4130205	4.37E-07	0.437	1.700
6003274130205	600327	4130205	4.55E-07	0.455	1.700
6003374130205	600337	4130205	4.72E-07	0.472	1.700
6003474130205	600347	4130205	4.90E-07	0.490	1.700
6003574130205	600357	4130205	5.09E-07	0.509	1.700
6003674130205	600367	4130205	5.29E-07	0.529	1.700
6003774130205	600377	4130205	5.50E-07	0.550	1.700
6003874130205	600387	4130205	5.74E-07	0.574	1.700
6003974130205	600397	4130205	6.01E-07	0.601	1.700
6004074130205	600407	4130205	6.33E-07	0.633	1.700
6004174130205	600417	4130205	6.75E-07	0.675	1.700
6004274130205	600427	4130205	7.32E-07	0.732	1.700
6004374130205	600437	4130205	8.20E-07	0.820	1.700
6004474130205	600447	4130205	6.92E-07	0.692	1.700
6004574130205	600457	4130205	7.08E-07	0.708	1.700
6004674130205	600467	4130205	7.21E-07	0.721	1.700
6004774130205	600477	4130205	8.42E-07	0.842	1.700
6004874130205	600487	4130205	7.39E-07	0.739	1.700
6004974130205	600497	4130205	6.69E-07	0.669	1.700
6005074130205	600507	4130205	6.17E-07	0.617	1.700
6005174130205	600517	4130205	5.77E-07	0.577	1.700
6005274130205	600527	4130205	5.46E-07	0.546	1.700
6005374130205	600537	4130205	5.24E-07	0.524	1.700
6005474130205	600547	4130205	5.08E-07	0.508	1.700
6005574130205	600557	4130205	5.01E-07	0.501	1.700
6005674130205	600567	4130205	5.02E-07	0.502	1.700
6005774130205	600577	4130205	5.15E-07	0.515	1.700
6005874130205	600587	4130205	5.46E-07	0.546	1.700
6005974130205	600597	4130205	6.08E-07	0.608	1.700
6006074130205	600607	4130205	6.49E-07	0.649	1.700
6006174130205	600617	4130205	6.40E-07	0.640	1.700
6006274130205	600627	4130205	6.53E-07	0.653	1.700
6006374130205	600637	4130205	7.62E-07	0.762	1.700
6006474130205	600647	4130205	6.14E-07	0.614	1.700
6006574130205	600657	4130205	5.19E-07	0.519	1.700
6006674130205	600667	4130205	4.51E-07	0.451	1.700
6006774130205	600677	4130205	4.00E-07	0.400	1.700
6006874130205	600687	4130205	3.60E-07	0.360	1.700
6006974130205	600697	4130205	3.27E-07	0.327	1.700
6007074130205	600707	4130205	3.00E-07	0.300	1.700
6007174130205	600717	4130205	2.77E-07	0.277	1.700
6007274130205	600727	4130205	2.58E-07	0.258	1.700
6007374130205	600737	4130205	2.40E-07	0.240	1.700
6007474130205	600747	4130205	2.25E-07	0.225	1.700
6007574130205	600757	4130205	2.12E-07	0.212	1.700
6007674130205	600767	4130205	2.00E-07	0.200	1.700
6007774130205	600777	4130205	1.89E-07	0.189	1.700
6007874130205	600787	4130205	1.80E-07	0.180	1.700

6007974130205	600797	4130205	1.71E-07	0.171	1.700
6008074130205	600807	4130205	1.63E-07	0.163	1.700
6008174130205	600817	4130205	1.56E-07	0.156	1.700
6008274130205	600827	4130205	1.49E-07	0.149	1.700
6008374130205	600837	4130205	1.43E-07	0.143	1.700
6002474130215	600247	4130215	3.22E-07	0.322	1.700
6002574130215	600257	4130215	3.34E-07	0.334	1.700
6002674130215	600267	4130215	3.46E-07	0.346	1.700
6002774130215	600277	4130215	3.59E-07	0.359	1.700
6002874130215	600287	4130215	3.72E-07	0.372	1.700
6002974130215	600297	4130215	3.86E-07	0.386	1.700
6003074130215	600307	4130215	4.00E-07	0.400	1.700
6003174130215	600317	4130215	4.14E-07	0.414	1.700
6003274130215	600327	4130215	4.29E-07	0.429	1.700
6003374130215	600337	4130215	4.43E-07	0.443	1.700
6003474130215	600347	4130215	4.58E-07	0.458	1.700
6003574130215	600357	4130215	4.74E-07	0.474	1.700
6003674130215	600367	4130215	4.90E-07	0.490	1.700
6003774130215	600377	4130215	5.06E-07	0.506	1.700
6003874130215	600387	4130215	5.24E-07	0.524	1.700
6003974130215	600397	4130215	5.44E-07	0.544	1.700
6004074130215	600407	4130215	5.67E-07	0.567	1.700
6004174130215	600417	4130215	5.96E-07	0.596	1.700
6004274130215	600427	4130215	6.33E-07	0.633	1.700
6004374130215	600437	4130215	6.86E-07	0.686	1.700
6004474130215	600447	4130215	7.66E-07	0.766	1.700
6004574130215	600457	4130215	7.53E-07	0.753	1.700
6004674130215	600467	4130215	6.74E-07	0.674	1.700
6004774130215	600477	4130215	6.60E-07	0.660	1.700
6004874130215	600487	4130215	8.32E-07	0.832	1.700
6004974130215	600497	4130215	7.24E-07	0.724	1.700
6005074130215	600507	4130215	6.50E-07	0.650	1.700
6005174130215	600517	4130215	5.97E-07	0.597	1.700
6005274130215	600527	4130215	5.61E-07	0.561	1.700
6005374130215	600537	4130215	5.37E-07	0.537	1.700
6005474130215	600547	4130215	5.22E-07	0.522	1.700
6005574130215	600557	4130215	5.18E-07	0.518	1.700
6005674130215	600567	4130215	5.27E-07	0.527	1.700
6005774130215	600577	4130215	5.53E-07	0.553	1.700
6005874130215	600587	4130215	6.08E-07	0.608	1.700
6005974130215	600597	4130215	7.25E-07	0.725	1.700
6006074130215	600607	4130215	6.34E-07	0.634	1.700
6006174130215	600617	4130215	6.67E-07	0.667	1.700
6006274130215	600627	4130215	7.89E-07	0.789	1.700
6006374130215	600637	4130215	6.29E-07	0.629	1.700
6006474130215	600647	4130215	5.28E-07	0.528	1.700
6006574130215	600657	4130215	4.56E-07	0.456	1.700
6006674130215	600667	4130215	4.03E-07	0.403	1.700
6006774130215	600677	4130215	3.61E-07	0.361	1.700
6006874130215	600687	4130215	3.27E-07	0.327	1.700
6006974130215	600697	4130215	2.99E-07	0.299	1.700
6007074130215	600707	4130215	2.75E-07	0.275	1.700
6007174130215	600717	4130215	2.55E-07	0.255	1.700
6007274130215	600727	4130215	2.38E-07	0.238	1.700
6007374130215	600737	4130215	2.24E-07	0.224	1.700

6007474130215	600747	4130215	2.10E-07	0.210	1.700
6007574130215	600757	4130215	1.98E-07	0.198	1.700
6007674130215	600767	4130215	1.87E-07	0.187	1.700
6007774130215	600777	4130215	1.78E-07	0.178	1.700
6007874130215	600787	4130215	1.69E-07	0.169	1.700
6007974130215	600797	4130215	1.61E-07	0.161	1.700
6008074130215	600807	4130215	1.54E-07	0.154	1.700
6008174130215	600817	4130215	1.47E-07	0.147	1.700
6008274130215	600827	4130215	1.41E-07	0.141	1.700
6002574130225	600257	4130225	3.22E-07	0.322	1.700
6002674130225	600267	4130225	3.33E-07	0.333	1.700
6002774130225	600277	4130225	3.44E-07	0.344	1.700
6002874130225	600287	4130225	3.56E-07	0.356	1.700
6002974130225	600297	4130225	3.68E-07	0.368	1.700
6003074130225	600307	4130225	3.80E-07	0.380	1.700
6003174130225	600317	4130225	3.93E-07	0.393	1.700
6003274130225	600327	4130225	4.05E-07	0.405	1.700
6003374130225	600337	4130225	4.17E-07	0.417	1.700
6003474130225	600347	4130225	4.30E-07	0.430	1.700
6003574130225	600357	4130225	4.42E-07	0.442	1.700
6003674130225	600367	4130225	4.55E-07	0.455	1.700
6003774130225	600377	4130225	4.68E-07	0.468	1.700
6003874130225	600387	4130225	4.81E-07	0.481	1.700
6003974130225	600397	4130225	4.96E-07	0.496	1.700
6004074130225	600407	4130225	5.13E-07	0.513	1.700
6004174130225	600417	4130225	5.34E-07	0.534	1.700
6004274130225	600427	4130225	5.60E-07	0.560	1.700
6004374130225	600437	4130225	5.95E-07	0.595	1.700
6004474130225	600447	4130225	6.44E-07	0.644	1.700
6004574130225	600457	4130225	7.18E-07	0.718	1.700
6004674130225	600467	4130225	6.17E-07	0.617	1.700
6004774130225	600477	4130225	6.45E-07	0.645	1.700
6004874130225	600487	4130225	6.78E-07	0.678	1.700
6004974130225	600497	4130225	8.29E-07	0.829	1.700
6005074130225	600507	4130225	7.13E-07	0.713	1.700
6005174130225	600517	4130225	6.37E-07	0.637	1.700
6005274130225	600527	4130225	5.90E-07	0.590	1.700
6005374130225	600537	4130225	5.60E-07	0.560	1.700
6005474130225	600547	4130225	5.45E-07	0.545	1.700
6005574130225	600557	4130225	5.45E-07	0.545	1.700
6005674130225	600567	4130225	5.64E-07	0.564	1.700
6005774130225	600577	4130225	6.11E-07	0.611	1.700
6005874130225	600587	4130225	7.15E-07	0.715	1.700
6005974130225	600597	4130225	6.45E-07	0.645	1.700
6006074130225	600607	4130225	6.62E-07	0.662	1.700
6006174130225	600617	4130225	8.18E-07	0.818	1.700
6006274130225	600627	4130225	6.45E-07	0.645	1.700
6006374130225	600637	4130225	5.37E-07	0.537	1.700
6006474130225	600647	4130225	4.62E-07	0.462	1.700
6006574130225	600657	4130225	4.06E-07	0.406	1.700
6006674130225	600667	4130225	3.62E-07	0.362	1.700
6006774130225	600677	4130225	3.27E-07	0.327	1.700
6006874130225	600687	4130225	2.97E-07	0.297	1.700
6006974130225	600697	4130225	2.73E-07	0.273	1.700
6007074130225	600707	4130225	2.53E-07	0.253	1.700

6007174130225	600717	4130225	2.36E-07	0.236	1.700
6007274130225	600727	4130225	2.21E-07	0.221	1.700
6007374130225	600737	4130225	2.08E-07	0.208	1.700
6007474130225	600747	4130225	1.96E-07	0.196	1.700
6007574130225	600757	4130225	1.85E-07	0.185	1.700
6007674130225	600767	4130225	1.76E-07	0.176	1.700
6007774130225	600777	4130225	1.67E-07	0.167	1.700
6007874130225	600787	4130225	1.59E-07	0.159	1.700
6007974130225	600797	4130225	1.52E-07	0.152	1.700
6008074130225	600807	4130225	1.46E-07	0.146	1.700
6008174130225	600817	4130225	1.40E-07	0.140	1.700
6002674130235	600267	4130235	3.20E-07	0.320	1.700
6002774130235	600277	4130235	3.30E-07	0.330	1.700
6002874130235	600287	4130235	3.41E-07	0.341	1.700
6002974130235	600297	4130235	3.51E-07	0.351	1.700
6003074130235	600307	4130235	3.61E-07	0.361	1.700
6003174130235	600317	4130235	3.72E-07	0.372	1.700
6003274130235	600327	4130235	3.83E-07	0.383	1.700
6003374130235	600337	4130235	3.93E-07	0.393	1.700
6003474130235	600347	4130235	4.03E-07	0.403	1.700
6003574130235	600357	4130235	4.13E-07	0.413	1.700
6003674130235	600367	4130235	4.24E-07	0.424	1.700
6003774130235	600377	4130235	4.34E-07	0.434	1.700
6003874130235	600387	4130235	4.44E-07	0.444	1.700
6003974130235	600397	4130235	4.56E-07	0.456	1.700
6004074130235	600407	4130235	4.69E-07	0.469	1.700
6004174130235	600417	4130235	4.84E-07	0.484	1.700
6004274130235	600427	4130235	5.03E-07	0.503	1.700
6004374130235	600437	4130235	5.27E-07	0.527	1.700
6004474130235	600447	4130235	5.60E-07	0.560	1.700
6004574130235	600457	4130235	6.06E-07	0.606	1.700
6004674130235	600467	4130235	6.76E-07	0.676	1.700
6004774130235	600477	4130235	6.73E-07	0.673	1.700
6004874130235	600487	4130235	6.14E-07	0.614	1.700
6004974130235	600497	4130235	6.17E-07	0.617	1.700
6005074130235	600507	4130235	6.95E-07	0.695	1.700
6005174130235	600517	4130235	7.11E-07	0.711	1.700
6005274130235	600527	4130235	6.38E-07	0.638	1.700
6005374130235	600537	4130235	5.98E-07	0.598	1.700
6005474130235	600547	4130235	5.80E-07	0.580	1.700
6005574130235	600557	4130235	5.87E-07	0.587	1.700
6005674130235	600567	4130235	6.22E-07	0.622	1.700
6005774130235	600577	4130235	7.10E-07	0.710	1.700
6005874130235	600587	4130235	6.32E-07	0.632	1.700
6005974130235	600597	4130235	7.01E-07	0.701	1.700
6006074130235	600607	4130235	7.40E-07	0.740	1.700
6006174130235	600617	4130235	6.62E-07	0.662	1.700
6006274130235	600627	4130235	5.47E-07	0.547	1.700
6006374130235	600637	4130235	4.68E-07	0.468	1.700
6006474130235	600647	4130235	4.09E-07	0.409	1.700
6006574130235	600657	4130235	3.63E-07	0.363	1.700
6006674130235	600667	4130235	3.26E-07	0.326	1.700
6006774130235	600677	4130235	2.96E-07	0.296	1.700
6006874130235	600687	4130235	2.71E-07	0.271	1.700
6006974130235	600697	4130235	2.51E-07	0.251	1.700

6007074130235	600707	4130235	2.33E-07	0.233	1.700
6007174130235	600717	4130235	2.18E-07	0.218	1.700
6007274130235	600727	4130235	2.05E-07	0.205	1.700
6007374130235	600737	4130235	1.93E-07	0.193	1.700
6007474130235	600747	4130235	1.83E-07	0.183	1.700
6007574130235	600757	4130235	1.73E-07	0.173	1.700
6007674130235	600767	4130235	1.65E-07	0.165	1.700
6007774130235	600777	4130235	1.57E-07	0.157	1.700
6007874130235	600787	4130235	1.50E-07	0.150	1.700
6007974130235	600797	4130235	1.44E-07	0.144	1.700
6008074130235	600807	4130235	1.38E-07	0.138	1.700
6002774130245	600277	4130245	3.16E-07	0.316	1.700
6002874130245	600287	4130245	3.25E-07	0.325	1.700
6002974130245	600297	4130245	3.35E-07	0.335	1.700
6003074130245	600307	4130245	3.44E-07	0.344	1.700
6003174130245	600317	4130245	3.53E-07	0.353	1.700
6003274130245	600327	4130245	3.62E-07	0.362	1.700
6003374130245	600337	4130245	3.70E-07	0.370	1.700
6003474130245	600347	4130245	3.79E-07	0.379	1.700
6003574130245	600357	4130245	3.87E-07	0.387	1.700
6003674130245	600367	4130245	3.96E-07	0.396	1.700
6003774130245	600377	4130245	4.04E-07	0.404	1.700
6003874130245	600387	4130245	4.12E-07	0.412	1.700
6003974130245	600397	4130245	4.21E-07	0.421	1.700
6004074130245	600407	4130245	4.31E-07	0.431	1.700
6004174130245	600417	4130245	4.42E-07	0.442	1.700
6004274130245	600427	4130245	4.56E-07	0.456	1.700
6004374130245	600437	4130245	4.73E-07	0.473	1.700
6004474130245	600447	4130245	4.96E-07	0.496	1.700
6004574130245	600457	4130245	5.28E-07	0.528	1.700
6004674130245	600467	4130245	5.73E-07	0.573	1.700
6004774130245	600477	4130245	6.38E-07	0.638	1.700
6004874130245	600487	4130245	7.48E-07	0.748	1.700
6004974130245	600497	4130245	6.01E-07	0.601	1.700
6005074130245	600507	4130245	5.25E-07	0.525	1.700
6005174130245	600517	4130245	7.20E-07	0.720	1.700
6005274130245	600527	4130245	7.23E-07	0.723	1.700
6005374130245	600537	4130245	6.57E-07	0.657	1.700
6005474130245	600547	4130245	6.34E-07	0.634	1.700
6005574130245	600557	4130245	6.48E-07	0.648	1.700
6005674130245	600567	4130245	7.15E-07	0.715	1.700
6005774130245	600577	4130245	7.48E-07	0.748	1.700
6005874130245	600587	4130245	6.72E-07	0.672	1.700
6005974130245	600597	4130245	7.44E-07	0.744	1.700
6006074130245	600607	4130245	6.79E-07	0.679	1.700
6006174130245	600617	4130245	5.56E-07	0.556	1.700
6006274130245	600627	4130245	4.73E-07	0.473	1.700
6006374130245	600637	4130245	4.11E-07	0.411	1.700
6006474130245	600647	4130245	3.63E-07	0.363	1.700
6006574130245	600657	4130245	3.26E-07	0.326	1.700
6006674130245	600667	4130245	2.95E-07	0.295	1.700
6006774130245	600677	4130245	2.69E-07	0.269	1.700
6006874130245	600687	4130245	2.48E-07	0.248	1.700
6006974130245	600697	4130245	2.30E-07	0.230	1.700
6007074130245	600707	4130245	2.15E-07	0.215	1.700



6007174130245	600717	4130245	2.02E-07	0.202	1.700
6007274130245	600727	4130245	1.90E-07	0.190	1.700
6007374130245	600737	4130245	1.80E-07	0.180	1.700
6007474130245	600747	4130245	1.71E-07	0.171	1.700
6007574130245	600757	4130245	1.62E-07	0.162	1.700
6007674130245	600767	4130245	1.55E-07	0.155	1.700
6007774130245	600777	4130245	1.48E-07	0.148	1.700
6007874130245	600787	4130245	1.41E-07	0.141	1.700
6007974130245	600797	4130245	1.36E-07	0.136	1.700
6002874130255	600287	4130255	3.11E-07	0.311	1.700
6002974130255	600297	4130255	3.19E-07	0.319	1.700
6003074130255	600307	4130255	3.27E-07	0.327	1.700
6003174130255	600317	4130255	3.35E-07	0.335	1.700
6003274130255	600327	4130255	3.42E-07	0.342	1.700
6003374130255	600337	4130255	3.49E-07	0.349	1.700
6003474130255	600347	4130255	3.57E-07	0.357	1.700
6003574130255	600357	4130255	3.64E-07	0.364	1.700
6003674130255	600367	4130255	3.70E-07	0.370	1.700
6003774130255	600377	4130255	3.77E-07	0.377	1.700
6003874130255	600387	4130255	3.83E-07	0.383	1.700
6003974130255	600397	4130255	3.90E-07	0.390	1.700
6004074130255	600407	4130255	3.98E-07	0.398	1.700
6004174130255	600417	4130255	4.06E-07	0.406	1.700
6004274130255	600427	4130255	4.17E-07	0.417	1.700
6004374130255	600437	4130255	4.30E-07	0.430	1.700
6004474130255	600447	4130255	4.47E-07	0.447	1.700
6004574130255	600457	4130255	4.69E-07	0.469	1.700
6004674130255	600467	4130255	5.00E-07	0.500	1.700
6004774130255	600477	4130255	5.44E-07	0.544	1.700
6004874130255	600487	4130255	6.07E-07	0.607	1.700
6004974130255	600497	4130255	7.09E-07	0.709	1.700
6005074130255	600507	4130255	5.73E-07	0.573	1.700
6005174130255	600517	4130255	5.95E-07	0.595	1.700
6005274130255	600527	4130255	7.06E-07	0.706	1.700
6005374130255	600537	4130255	7.56E-07	0.756	1.700
6005474130255	600547	4130255	7.14E-07	0.714	1.700
6005574130255	600557	4130255	7.44E-07	0.744	1.700
6005674130255	600567	4130255	6.54E-07	0.654	1.700
6005774130255	600577	4130255	7.00E-07	0.700	1.700
6005874130255	600587	4130255	7.72E-07	0.772	1.700
6005974130255	600597	4130255	6.94E-07	0.694	1.700
6006074130255	600607	4130255	5.63E-07	0.563	1.700
6006174130255	600617	4130255	4.76E-07	0.476	1.700
6006274130255	600627	4130255	4.12E-07	0.412	1.700
6006374130255	600637	4130255	3.63E-07	0.363	1.700
6006474130255	600647	4130255	3.24E-07	0.324	1.700
6006574130255	600657	4130255	2.93E-07	0.293	1.700
6006674130255	600667	4130255	2.67E-07	0.267	1.700
6006774130255	600677	4130255	2.46E-07	0.246	1.700
6006874130255	600687	4130255	2.28E-07	0.228	1.700
6006974130255	600697	4130255	2.12E-07	0.212	1.700
6007074130255	600707	4130255	1.99E-07	0.199	1.700
6007174130255	600717	4130255	1.87E-07	0.187	1.700
6007274130255	600727	4130255	1.77E-07	0.177	1.700
6007374130255	600737	4130255	1.68E-07	0.168	1.700

6007474130255	600747	4130255	1.60E-07	0.160	1.700
6007574130255	600757	4130255	1.52E-07	0.152	1.700
6007674130255	600767	4130255	1.45E-07	0.145	1.700
6007774130255	600777	4130255	1.39E-07	0.139	1.700
6007874130255	600787	4130255	1.34E-07	0.134	1.700
6002974130265	600297	4130265	3.04E-07	0.304	1.700
6003074130265	600307	4130265	3.11E-07	0.311	1.700
6003174130265	600317	4130265	3.17E-07	0.317	1.700
6003274130265	600327	4130265	3.24E-07	0.324	1.700
6003374130265	600337	4130265	3.30E-07	0.330	1.700
6003474130265	600347	4130265	3.36E-07	0.336	1.700
6003574130265	600357	4130265	3.42E-07	0.342	1.700
6003674130265	600367	4130265	3.47E-07	0.347	1.700
6003774130265	600377	4130265	3.52E-07	0.352	1.700
6003874130265	600387	4130265	3.57E-07	0.357	1.700
6003974130265	600397	4130265	3.63E-07	0.363	1.700
6004074130265	600407	4130265	3.69E-07	0.369	1.700
6004174130265	600417	4130265	3.76E-07	0.376	1.700
6004274130265	600427	4130265	3.84E-07	0.384	1.700
6004374130265	600437	4130265	3.94E-07	0.394	1.700
6004474130265	600447	4130265	4.06E-07	0.406	1.700
6004574130265	600457	4130265	4.23E-07	0.423	1.700
6004674130265	600467	4130265	4.45E-07	0.445	1.700
6004774130265	600477	4130265	4.76E-07	0.476	1.700
6004874130265	600487	4130265	5.18E-07	0.518	1.700
6004974130265	600497	4130265	5.80E-07	0.580	1.700
6005074130265	600507	4130265	6.76E-07	0.676	1.700
6005174130265	600517	4130265	6.68E-07	0.668	1.700
6005274130265	600527	4130265	5.99E-07	0.599	1.700
6005374130265	600537	4130265	6.13E-07	0.613	1.700
6005474130265	600547	4130265	8.37E-07	0.837	1.700
6005574130265	600557	4130265	7.88E-07	0.788	1.700
6005674130265	600567	4130265	6.94E-07	0.694	1.700
6005774130265	600577	4130265	6.57E-07	0.657	1.700
6005874130265	600587	4130265	7.06E-07	0.706	1.700
6005974130265	600597	4130265	5.66E-07	0.566	1.700
6006074130265	600607	4130265	4.74E-07	0.474	1.700
6006174130265	600617	4130265	4.09E-07	0.409	1.700
6006274130265	600627	4130265	3.60E-07	0.360	1.700
6006374130265	600637	4130265	3.22E-07	0.322	1.700
6006474130265	600647	4130265	2.90E-07	0.290	1.700
6006574130265	600657	4130265	2.64E-07	0.264	1.700
6006674130265	600667	4130265	2.43E-07	0.243	1.700
6006774130265	600677	4130265	2.25E-07	0.225	1.700
6006874130265	600687	4130265	2.09E-07	0.209	1.700
6006974130265	600697	4130265	1.96E-07	0.196	1.700
6007074130265	600707	4130265	1.84E-07	0.184	1.700
6007174130265	600717	4130265	1.74E-07	0.174	1.700
6007274130265	600727	4130265	1.65E-07	0.165	1.700
6007374130265	600737	4130265	1.57E-07	0.157	1.700
6007474130265	600747	4130265	1.50E-07	0.150	1.700
6007574130265	600757	4130265	1.43E-07	0.143	1.700
6007674130265	600767	4130265	1.37E-07	0.137	1.700
6007774130265	600777	4130265	1.31E-07	0.131	1.700
6003074130275	600307	4130275	2.96E-07	0.296	1.700

6003174130275	600317	4130275	3.02E-07	0.302	1.700
6003274130275	600327	4130275	3.07E-07	0.307	1.700
6003374130275	600337	4130275	3.12E-07	0.312	1.700
6003474130275	600347	4130275	3.17E-07	0.317	1.700
6003574130275	600357	4130275	3.22E-07	0.322	1.700
6003674130275	600367	4130275	3.26E-07	0.326	1.700
6003774130275	600377	4130275	3.30E-07	0.330	1.700
6003874130275	600387	4130275	3.34E-07	0.334	1.700
6003974130275	600397	4130275	3.39E-07	0.339	1.700
6004074130275	600407	4130275	3.43E-07	0.343	1.700
6004174130275	600417	4130275	3.48E-07	0.348	1.700
6004274130275	600427	4130275	3.55E-07	0.355	1.700
6004374130275	600437	4130275	3.62E-07	0.362	1.700
6004474130275	600447	4130275	3.72E-07	0.372	1.700
6004574130275	600457	4130275	3.85E-07	0.385	1.700
6004674130275	600467	4130275	4.02E-07	0.402	1.700
6004774130275	600477	4130275	4.24E-07	0.424	1.700
6004874130275	600487	4130275	4.54E-07	0.454	1.700
6004974130275	600497	4130275	4.95E-07	0.495	1.700
6005074130275	600507	4130275	5.55E-07	0.555	1.700
6005174130275	600517	4130275	6.47E-07	0.647	1.700
6005274130275	600527	4130275	5.49E-07	0.549	1.700
6005374130275	600537	4130275	6.05E-07	0.605	1.700
6005474130275	600547	4130275	6.20E-07	0.620	1.700
6005574130275	600557	4130275	7.12E-07	0.712	1.700
6005674130275	600567	4130275	7.76E-07	0.776	1.700
6005774130275	600577	4130275	7.04E-07	0.704	1.700
6005874130275	600587	4130275	5.58E-07	0.558	1.700
6005974130275	600597	4130275	4.65E-07	0.465	1.700
6006074130275	600607	4130275	4.01E-07	0.401	1.700
6006174130275	600617	4130275	3.53E-07	0.353	1.700
6006274130275	600627	4130275	3.16E-07	0.316	1.700
6006374130275	600637	4130275	2.86E-07	0.286	1.700
6006474130275	600647	4130275	2.60E-07	0.260	1.700
6006574130275	600657	4130275	2.39E-07	0.239	1.700
6006674130275	600667	4130275	2.22E-07	0.222	1.700
6006774130275	600677	4130275	2.06E-07	0.206	1.700
6006874130275	600687	4130275	1.93E-07	0.193	1.700
6006974130275	600697	4130275	1.82E-07	0.182	1.700
6007074130275	600707	4130275	1.71E-07	0.171	1.700
6007174130275	600717	4130275	1.62E-07	0.162	1.700
6007274130275	600727	4130275	1.54E-07	0.154	1.700
6007374130275	600737	4130275	1.47E-07	0.147	1.700
6007474130275	600747	4130275	1.41E-07	0.141	1.700
6007574130275	600757	4130275	1.35E-07	0.135	1.700
6007674130275	600767	4130275	1.29E-07	0.129	1.700
6003274130285	600327	4130285	2.91E-07	0.291	1.700
6003374130285	600337	4130285	2.95E-07	0.295	1.700
6003474130285	600347	4130285	2.99E-07	0.299	1.700
6003574130285	600357	4130285	3.03E-07	0.303	1.700
6003674130285	600367	4130285	3.07E-07	0.307	1.700
6003774130285	600377	4130285	3.10E-07	0.310	1.700
6003874130285	600387	4130285	3.13E-07	0.313	1.700
6003974130285	600397	4130285	3.17E-07	0.317	1.700
6004074130285	600407	4130285	3.20E-07	0.320	1.700

6004174130285	600417	4130285	3.24E-07	0.324	1.700
6004274130285	600427	4130285	3.29E-07	0.329	1.700
6004374130285	600437	4130285	3.35E-07	0.335	1.700
6004474130285	600447	4130285	3.43E-07	0.343	1.700
6004574130285	600457	4130285	3.53E-07	0.353	1.700
6004674130285	600467	4130285	3.65E-07	0.365	1.700
6004774130285	600477	4130285	3.82E-07	0.382	1.700
6004874130285	600487	4130285	4.03E-07	0.403	1.700
6004974130285	600497	4130285	4.32E-07	0.432	1.700
6005074130285	600507	4130285	4.72E-07	0.472	1.700
6005174130285	600517	4130285	5.28E-07	0.528	1.700
6005274130285	600527	4130285	6.14E-07	0.614	1.700
6005374130285	600537	4130285	6.21E-07	0.621	1.700
6005474130285	600547	4130285	5.69E-07	0.569	1.700
6005574130285	600557	4130285	5.39E-07	0.539	1.700
6005674130285	600567	4130285	6.60E-07	0.660	1.700
6005774130285	600577	4130285	5.28E-07	0.528	1.700
6005874130285	600587	4130285	4.44E-07	0.444	1.700
6005974130285	600597	4130285	3.86E-07	0.386	1.700
6006074130285	600607	4130285	3.42E-07	0.342	1.700
6006174130285	600617	4130285	3.07E-07	0.307	1.700
6006274130285	600627	4130285	2.79E-07	0.279	1.700
6006374130285	600637	4130285	2.56E-07	0.256	1.700
6006474130285	600647	4130285	2.35E-07	0.235	1.700
6006574130285	600657	4130285	2.18E-07	0.218	1.700
6006674130285	600667	4130285	2.04E-07	0.204	1.700
6006774130285	600677	4130285	1.91E-07	0.191	1.700
6006874130285	600687	4130285	1.79E-07	0.179	1.700
6006974130285	600697	4130285	1.69E-07	0.169	1.700
6007074130285	600707	4130285	1.60E-07	0.160	1.700
6007174130285	600717	4130285	1.52E-07	0.152	1.700
6007274130285	600727	4130285	1.45E-07	0.145	1.700
6007374130285	600737	4130285	1.38E-07	0.138	1.700
6007474130285	600747	4130285	1.32E-07	0.132	1.700
6007574130285	600757	4130285	1.27E-07	0.127	1.700
6003474130295	600347	4130295	2.83E-07	0.283	1.700
6003574130295	600357	4130295	2.86E-07	0.286	1.700
6003674130295	600367	4130295	2.89E-07	0.289	1.700
6003774130295	600377	4130295	2.92E-07	0.292	1.700
6003874130295	600387	4130295	2.94E-07	0.294	1.700
6003974130295	600397	4130295	2.97E-07	0.297	1.700
6004074130295	600407	4130295	3.00E-07	0.300	1.700
6004174130295	600417	4130295	3.03E-07	0.303	1.700
6004274130295	600427	4130295	3.07E-07	0.307	1.700
6004374130295	600437	4130295	3.11E-07	0.311	1.700
6004474130295	600447	4130295	3.17E-07	0.317	1.700
6004574130295	600457	4130295	3.24E-07	0.324	1.700
6004674130295	600467	4130295	3.34E-07	0.334	1.700
6004774130295	600477	4130295	3.46E-07	0.346	1.700
6004874130295	600487	4130295	3.62E-07	0.362	1.700
6004974130295	600497	4130295	3.82E-07	0.382	1.700
6005074130295	600507	4130295	4.08E-07	0.408	1.700
6005174130295	600517	4130295	4.42E-07	0.442	1.700
6005274130295	600527	4130295	4.87E-07	0.487	1.700
6005374130295	600537	4130295	5.43E-07	0.543	1.700

6005474130295	600547	4130295	5.86E-07	0.586	1.700
6005574130295	600557	4130295	5.41E-07	0.541	1.700
6005674130295	600567	4130295	4.67E-07	0.467	1.700
6005774130295	600577	4130295	4.10E-07	0.410	1.700
6005874130295	600587	4130295	3.63E-07	0.363	1.700
6005974130295	600597	4130295	3.26E-07	0.326	1.700
6006074130295	600607	4130295	2.95E-07	0.295	1.700
6006174130295	600617	4130295	2.71E-07	0.271	1.700
6006274130295	600627	4130295	2.49E-07	0.249	1.700
6006374130295	600637	4130295	2.30E-07	0.230	1.700
6006474130295	600647	4130295	2.14E-07	0.214	1.700
6006574130295	600657	4130295	2.00E-07	0.200	1.700
6006674130295	600667	4130295	1.88E-07	0.188	1.700
6006774130295	600677	4130295	1.76E-07	0.176	1.700
6006874130295	600687	4130295	1.67E-07	0.167	1.700
6006974130295	600697	4130295	1.58E-07	0.158	1.700
6007074130295	600707	4130295	1.50E-07	0.150	1.700
6007174130295	600717	4130295	1.43E-07	0.143	1.700
6007274130295	600727	4130295	1.36E-07	0.136	1.700
6007374130295	600737	4130295	1.30E-07	0.130	1.700
6007474130295	600747	4130295	1.25E-07	0.125	1.700
6003574130305	600357	4130305	2.71E-07	0.271	1.700
6003674130305	600367	4130305	2.73E-07	0.273	1.700
6003774130305	600377	4130305	2.75E-07	0.275	1.700
6003874130305	600387	4130305	2.77E-07	0.277	1.700
6003974130305	600397	4130305	2.79E-07	0.279	1.700
6004074130305	600407	4130305	2.81E-07	0.281	1.700
6004174130305	600417	4130305	2.83E-07	0.283	1.700
6004274130305	600427	4130305	2.86E-07	0.286	1.700
6004374130305	600437	4130305	2.90E-07	0.290	1.700
6004474130305	600447	4130305	2.94E-07	0.294	1.700
6004574130305	600457	4130305	3.00E-07	0.300	1.700
6004674130305	600467	4130305	3.07E-07	0.307	1.700
6004774130305	600477	4130305	3.15E-07	0.315	1.700
6004874130305	600487	4130305	3.26E-07	0.326	1.700
6004974130305	600497	4130305	3.40E-07	0.340	1.700
6005074130305	600507	4130305	3.56E-07	0.356	1.700
6005174130305	600517	4130305	3.75E-07	0.375	1.700
6005274130305	600527	4130305	3.96E-07	0.396	1.700
6005374130305	600537	4130305	4.13E-07	0.413	1.700
6005474130305	600547	4130305	4.16E-07	0.416	1.700
6005574130305	600557	4130305	3.98E-07	0.398	1.700
6005674130305	600567	4130305	3.66E-07	0.366	1.700
6005774130305	600577	4130305	3.35E-07	0.335	1.700
6005874130305	600587	4130305	3.07E-07	0.307	1.700
6005974130305	600597	4130305	2.82E-07	0.282	1.700
6006074130305	600607	4130305	2.60E-07	0.260	1.700
6006174130305	600617	4130305	2.41E-07	0.241	1.700
6006274130305	600627	4130305	2.25E-07	0.225	1.700
6006374130305	600637	4130305	2.10E-07	0.210	1.700
6006474130305	600647	4130305	1.97E-07	0.197	1.700
6006574130305	600657	4130305	1.85E-07	0.185	1.700
6006674130305	600667	4130305	1.74E-07	0.174	1.700
6006774130305	600677	4130305	1.64E-07	0.164	1.700
6006874130305	600687	4130305	1.55E-07	0.155	1.700

6006974130305	600697	4130305	1.48E-07	0.148	1.700
6007074130305	600707	4130305	1.41E-07	0.141	1.700
6007174130305	600717	4130305	1.34E-07	0.134	1.700
6007274130305	600727	4130305	1.28E-07	0.128	1.700
6003774130315	600377	4130315	2.59E-07	0.259	1.700
6003874130315	600387	4130315	2.61E-07	0.261	1.700
6003974130315	600397	4130315	2.62E-07	0.262	1.700
6004074130315	600407	4130315	2.64E-07	0.264	1.700
6004174130315	600417	4130315	2.66E-07	0.266	1.700
6004274130315	600427	4130315	2.68E-07	0.268	1.700
6004374130315	600437	4130315	2.70E-07	0.270	1.700
6004474130315	600447	4130315	2.73E-07	0.273	1.700
6004574130315	600457	4130315	2.77E-07	0.277	1.700
6004674130315	600467	4130315	2.82E-07	0.282	1.700
6004774130315	600477	4130315	2.88E-07	0.288	1.700
6004874130315	600487	4130315	2.96E-07	0.296	1.700
6004974130315	600497	4130315	3.04E-07	0.304	1.700
6005074130315	600507	4130315	3.14E-07	0.314	1.700
6005174130315	600517	4130315	3.24E-07	0.324	1.700
6005274130315	600527	4130315	3.32E-07	0.332	1.700
6005374130315	600537	4130315	3.36E-07	0.336	1.700
6005474130315	600547	4130315	3.33E-07	0.333	1.700
6005574130315	600557	4130315	3.22E-07	0.322	1.700
6005674130315	600567	4130315	3.05E-07	0.305	1.700
6005774130315	600577	4130315	2.86E-07	0.286	1.700
6005874130315	600587	4130315	2.66E-07	0.266	1.700
6005974130315	600597	4130315	2.49E-07	0.249	1.700
6006074130315	600607	4130315	2.33E-07	0.233	1.700
6006174130315	600617	4130315	2.18E-07	0.218	1.700
6006274130315	600627	4130315	2.05E-07	0.205	1.700
6006374130315	600637	4130315	1.93E-07	0.193	1.700
6006474130315	600647	4130315	1.82E-07	0.182	1.700
6006574130315	600657	4130315	1.72E-07	0.172	1.700
6006674130315	600667	4130315	1.62E-07	0.162	1.700
6006774130315	600677	4130315	1.54E-07	0.154	1.700
6006874130315	600687	4130315	1.46E-07	0.146	1.700
6006974130315	600697	4130315	1.39E-07	0.139	1.700
6007074130315	600707	4130315	1.33E-07	0.133	1.700
6003974130325	600397	4130325	2.47E-07	0.247	1.700
6004074130325	600407	4130325	2.48E-07	0.248	1.700
6004174130325	600417	4130325	2.49E-07	0.249	1.700
6004274130325	600427	4130325	2.51E-07	0.251	1.700
6004374130325	600437	4130325	2.52E-07	0.252	1.700
6004474130325	600447	4130325	2.55E-07	0.255	1.700
6004574130325	600457	4130325	2.57E-07	0.257	1.700
6004674130325	600467	4130325	2.61E-07	0.261	1.700
6004774130325	600477	4130325	2.65E-07	0.265	1.700
6004874130325	600487	4130325	2.69E-07	0.269	1.700
6004974130325	600497	4130325	2.75E-07	0.275	1.700
6005074130325	600507	4130325	2.80E-07	0.280	1.700
6005174130325	600517	4130325	2.84E-07	0.284	1.700
6005274130325	600527	4130325	2.86E-07	0.286	1.700
6005374130325	600537	4130325	2.86E-07	0.286	1.700
6005474130325	600547	4130325	2.82E-07	0.282	1.700
6005574130325	600557	4130325	2.74E-07	0.274	1.700

6005674130325	600567	4130325	2.63E-07	0.263	1.700
6005774130325	600577	4130325	2.50E-07	0.250	1.700
6005874130325	600587	4130325	2.37E-07	0.237	1.700
6005974130325	600597	4130325	2.23E-07	0.223	1.700
6006074130325	600607	4130325	2.11E-07	0.211	1.700
6006174130325	600617	4130325	1.99E-07	0.199	1.700
6006274130325	600627	4130325	1.88E-07	0.188	1.700
6006374130325	600637	4130325	1.78E-07	0.178	1.700
6006474130325	600647	4130325	1.69E-07	0.169	1.700
6006574130325	600657	4130325	1.60E-07	0.160	1.700
6006674130325	600667	4130325	1.52E-07	0.152	1.700
6006774130325	600677	4130325	1.44E-07	0.144	1.700
6006874130325	600687	4130325	1.37E-07	0.137	1.700
6004174130335	600417	4130335	2.34E-07	0.234	1.700
6004274130335	600427	4130335	2.35E-07	0.235	1.700
6004374130335	600437	4130335	2.36E-07	0.236	1.700
6004474130335	600447	4130335	2.38E-07	0.238	1.700
6004574130335	600457	4130335	2.39E-07	0.239	1.700
6004674130335	600467	4130335	2.41E-07	0.241	1.700
6004774130335	600477	4130335	2.44E-07	0.244	1.700
6004874130335	600487	4130335	2.47E-07	0.247	1.700
6004974130335	600497	4130335	2.49E-07	0.249	1.700
6005074130335	600507	4130335	2.52E-07	0.252	1.700
6005174130335	600517	4130335	2.53E-07	0.253	1.700
6005274130335	600527	4130335	2.53E-07	0.253	1.700
6005374130335	600537	4130335	2.51E-07	0.251	1.700
6005474130335	600547	4130335	2.47E-07	0.247	1.700
6005574130335	600557	4130335	2.40E-07	0.240	1.700
6005674130335	600567	4130335	2.32E-07	0.232	1.700
6005774130335	600577	4130335	2.23E-07	0.223	1.700
6005874130335	600587	4130335	2.13E-07	0.213	1.700
6005974130335	600597	4130335	2.03E-07	0.203	1.700
6006074130335	600607	4130335	1.93E-07	0.193	1.700
6006174130335	600617	4130335	1.83E-07	0.183	1.700
6006274130335	600627	4130335	1.74E-07	0.174	1.700
6006374130335	600637	4130335	1.66E-07	0.166	1.700
6006474130335	600647	4130335	1.58E-07	0.158	1.700
6006574130335	600657	4130335	1.50E-07	0.150	1.700
6006674130335	600667	4130335	1.43E-07	0.143	1.700
6004474130345	600447	4130345	2.22E-07	0.222	1.700
6004574130345	600457	4130345	2.23E-07	0.223	1.700
6004674130345	600467	4130345	2.24E-07	0.224	1.700
6004774130345	600477	4130345	2.26E-07	0.226	1.700
6004874130345	600487	4130345	2.27E-07	0.227	1.700
6004974130345	600497	4130345	2.28E-07	0.228	1.700
6005074130345	600507	4130345	2.28E-07	0.228	1.700
6005174130345	600517	4130345	2.28E-07	0.228	1.700
6005274130345	600527	4130345	2.27E-07	0.227	1.700
6005374130345	600537	4130345	2.24E-07	0.224	1.700
6005474130345	600547	4130345	2.21E-07	0.221	1.700
6005574130345	600557	4130345	2.15E-07	0.215	1.700
6005674130345	600567	4130345	2.09E-07	0.209	1.700
6005774130345	600577	4130345	2.01E-07	0.201	1.700
6005874130345	600587	4130345	1.93E-07	0.193	1.700
6005974130345	600597	4130345	1.86E-07	0.186	1.700

6006074130345	600607	4130345	1.78E-07	0.178	1.700
6006174130345	600617	4130345	1.70E-07	0.170	1.700
6006274130345	600627	4130345	1.62E-07	0.162	1.700
6005074130355	600507	4130355	2.09E-07	0.209	1.700
6005174130355	600517	4130355	2.08E-07	0.208	1.700
6005274130355	600527	4130355	2.06E-07	0.206	1.700
6005374130355	600537	4130355	2.03E-07	0.203	1.700
6005474130355	600547	4130355	2.00E-07	0.200	1.700
6005574130355	600557	4130355	1.96E-07	0.196	1.700
6005674130355	600567	4130355	1.90E-07	0.190	1.700
6005774130355	600577	4130355	1.84E-07	0.184	1.700
5997544130031	599754	4130031	3.66E-08	0.037	1.700
5997644130031	599764	4130031	3.76E-08	0.038	1.700
5997744130031	599774	4130031	3.86E-08	0.039	1.700
5997844130031	599784	4130031	3.97E-08	0.040	1.700
5997944130031	599794	4130031	4.07E-08	0.041	1.700
5997544130041	599754	4130041	3.76E-08	0.038	1.700
5997644130041	599764	4130041	3.86E-08	0.039	1.700
5997744130041	599774	4130041	3.97E-08	0.040	1.700
5997844130041	599784	4130041	4.08E-08	0.041	1.700
5997944130041	599794	4130041	4.19E-08	0.042	1.700
5998044130041	599804	4130041	4.31E-08	0.043	1.700
5997544130051	599754	4130051	3.87E-08	0.039	1.700
5997644130051	599764	4130051	3.97E-08	0.040	1.700
5997744130051	599774	4130051	4.08E-08	0.041	1.700
5997844130051	599784	4130051	4.19E-08	0.042	1.700
5997944130051	599794	4130051	4.31E-08	0.043	1.700
5998044130051	599804	4130051	4.44E-08	0.044	1.700
5998144130051	599814	4130051	4.57E-08	0.046	1.700
5997544130061	599754	4130061	3.97E-08	0.040	1.700
5997644130061	599764	4130061	4.08E-08	0.041	1.700
5997744130061	599774	4130061	4.19E-08	0.042	1.700
5997844130061	599784	4130061	4.31E-08	0.043	1.700
5997944130061	599794	4130061	4.43E-08	0.044	1.700
5998044130061	599804	4130061	4.56E-08	0.046	1.700
5998144130061	599814	4130061	4.70E-08	0.047	1.700
5998244130061	599824	4130061	4.84E-08	0.048	1.700
5998344130061	599834	4130061	4.99E-08	0.050	1.700
5997544130071	599754	4130071	4.07E-08	0.041	1.700
5997644130071	599764	4130071	4.19E-08	0.042	1.700
5997744130071	599774	4130071	4.30E-08	0.043	1.700
5997844130071	599784	4130071	4.43E-08	0.044	1.700
5997944130071	599794	4130071	4.55E-08	0.046	1.700
5998044130071	599804	4130071	4.69E-08	0.047	1.700
5998144130071	599814	4130071	4.83E-08	0.048	1.700
5998244130071	599824	4130071	4.98E-08	0.050	1.700
5998344130071	599834	4130071	5.13E-08	0.051	1.700
5998444130071	599844	4130071	5.29E-08	0.053	1.700
5997544130081	599754	4130081	4.18E-08	0.042	1.700
5997644130081	599764	4130081	4.30E-08	0.043	1.700
5997744130081	599774	4130081	4.42E-08	0.044	1.700
5997844130081	599784	4130081	4.55E-08	0.045	1.700
5997944130081	599794	4130081	4.68E-08	0.047	1.700
5998044130081	599804	4130081	4.82E-08	0.048	1.700
5998144130081	599814	4130081	4.96E-08	0.050	1.700



5998244130081	599824	4130081	5.12E-08	0.051	1.700
5998344130081	599834	4130081	5.28E-08	0.053	1.700
5998444130081	599844	4130081	5.45E-08	0.054	1.700
5998544130081	599854	4130081	5.62E-08	0.056	1.700
5997544130091	599754	4130091	4.29E-08	0.043	1.700
5997644130091	599764	4130091	4.41E-08	0.044	1.700
5997744130091	599774	4130091	4.53E-08	0.045	1.700
5997844130091	599784	4130091	4.66E-08	0.047	1.700
5997944130091	599794	4130091	4.80E-08	0.048	1.700
5998044130091	599804	4130091	4.95E-08	0.049	1.700
5998144130091	599814	4130091	5.10E-08	0.051	1.700
5998244130091	599824	4130091	5.26E-08	0.053	1.700
5998344130091	599834	4130091	5.42E-08	0.054	1.700
5998444130091	599844	4130091	5.60E-08	0.056	1.700
5998544130091	599854	4130091	5.78E-08	0.058	1.700
5998644130091	599864	4130091	5.97E-08	0.060	1.700
5997544130101	599754	4130101	4.40E-08	0.044	1.700
5997644130101	599764	4130101	4.52E-08	0.045	1.700
5997744130101	599774	4130101	4.65E-08	0.046	1.700
5997844130101	599784	4130101	4.78E-08	0.048	1.700
5997944130101	599794	4130101	4.93E-08	0.049	1.700
5998044130101	599804	4130101	5.08E-08	0.051	1.700
5998144130101	599814	4130101	5.23E-08	0.052	1.700
5998244130101	599824	4130101	5.39E-08	0.054	1.700
5998344130101	599834	4130101	5.57E-08	0.056	1.700
5998444130101	599844	4130101	5.75E-08	0.057	1.700
5998544130101	599854	4130101	5.94E-08	0.059	1.700
5998644130101	599864	4130101	6.14E-08	0.061	1.700
5998744130101	599874	4130101	6.35E-08	0.063	1.700
5998844130101	599884	4130101	6.57E-08	0.066	1.700
5997544130111	599754	4130111	4.51E-08	0.045	1.700
5997644130111	599764	4130111	4.63E-08	0.046	1.700
5997744130111	599774	4130111	4.77E-08	0.048	1.700
5997844130111	599784	4130111	4.91E-08	0.049	1.700
5997944130111	599794	4130111	5.05E-08	0.051	1.700
5998044130111	599804	4130111	5.20E-08	0.052	1.700
5998144130111	599814	4130111	5.36E-08	0.054	1.700
5998244130111	599824	4130111	5.53E-08	0.055	1.700
5998344130111	599834	4130111	5.71E-08	0.057	1.700
5998444130111	599844	4130111	5.90E-08	0.059	1.700
5998544130111	599854	4130111	6.09E-08	0.061	1.700
5998644130111	599864	4130111	6.30E-08	0.063	1.700
5998744130111	599874	4130111	6.51E-08	0.065	1.700
5998844130111	599884	4130111	6.74E-08	0.067	1.700
5998944130111	599894	4130111	6.99E-08	0.070	1.700
5997544130121	599754	4130121	4.61E-08	0.046	1.700
5997644130121	599764	4130121	4.74E-08	0.047	1.700
5997744130121	599774	4130121	4.88E-08	0.049	1.700
5997844130121	599784	4130121	5.03E-08	0.050	1.700
5997944130121	599794	4130121	5.18E-08	0.052	1.700
5998044130121	599804	4130121	5.33E-08	0.053	1.700
5998144130121	599814	4130121	5.50E-08	0.055	1.700
5998244130121	599824	4130121	5.67E-08	0.057	1.700
5998344130121	599834	4130121	5.85E-08	0.059	1.700
5998444130121	599844	4130121	6.04E-08	0.060	1.700

5998544130121	599854	4130121	6.25E-08	0.062	1.700
5998644130121	599864	4130121	6.46E-08	0.065	1.700
5998744130121	599874	4130121	6.68E-08	0.067	1.700
5998844130121	599884	4130121	6.92E-08	0.069	1.700
5998944130121	599894	4130121	7.16E-08	0.072	1.700
5999044130121	599904	4130121	7.42E-08	0.074	1.700
5997544130131	599754	4130131	4.72E-08	0.047	1.700
5997644130131	599764	4130131	4.86E-08	0.049	1.700
5997744130131	599774	4130131	5.00E-08	0.050	1.700
5997844130131	599784	4130131	5.14E-08	0.051	1.700
5997944130131	599794	4130131	5.30E-08	0.053	1.700
5998044130131	599804	4130131	5.46E-08	0.055	1.700
5998144130131	599814	4130131	5.63E-08	0.056	1.700
5998244130131	599824	4130131	5.81E-08	0.058	1.700
5998344130131	599834	4130131	6.00E-08	0.060	1.700
5998444130131	599844	4130131	6.19E-08	0.062	1.700
5998544130131	599854	4130131	6.40E-08	0.064	1.700
5998644130131	599864	4130131	6.61E-08	0.066	1.700
5998744130131	599874	4130131	6.84E-08	0.068	1.700
5998844130131	599884	4130131	7.08E-08	0.071	1.700
5998944130131	599894	4130131	7.34E-08	0.073	1.700
5999044130131	599904	4130131	7.60E-08	0.076	1.700
5999144130131	599914	4130131	7.89E-08	0.079	1.700
5997544130141	599754	4130141	4.83E-08	0.048	1.700
5997644130141	599764	4130141	4.97E-08	0.050	1.700
5997744130141	599774	4130141	5.11E-08	0.051	1.700
5997844130141	599784	4130141	5.26E-08	0.053	1.700
5997944130141	599794	4130141	5.42E-08	0.054	1.700
5998044130141	599804	4130141	5.59E-08	0.056	1.700
5998144130141	599814	4130141	5.76E-08	0.058	1.700
5998244130141	599824	4130141	5.94E-08	0.059	1.700
5998344130141	599834	4130141	6.13E-08	0.061	1.700
5998444130141	599844	4130141	6.33E-08	0.063	1.700
5998544130141	599854	4130141	6.55E-08	0.065	1.700
5998644130141	599864	4130141	6.77E-08	0.068	1.700
5998744130141	599874	4130141	7.00E-08	0.070	1.700
5998844130141	599884	4130141	7.25E-08	0.072	1.700
5998944130141	599894	4130141	7.51E-08	0.075	1.700
5999044130141	599904	4130141	7.78E-08	0.078	1.700
5999144130141	599914	4130141	8.07E-08	0.081	1.700
5999244130141	599924	4130141	8.38E-08	0.084	1.700
5997544130151	599754	4130151	4.93E-08	0.049	1.700
5997644130151	599764	4130151	5.07E-08	0.051	1.700
5997744130151	599774	4130151	5.22E-08	0.052	1.700
5997844130151	599784	4130151	5.38E-08	0.054	1.700
5997944130151	599794	4130151	5.54E-08	0.055	1.700
5998044130151	599804	4130151	5.71E-08	0.057	1.700
5998144130151	599814	4130151	5.89E-08	0.059	1.700
5998244130151	599824	4130151	6.07E-08	0.061	1.700
5998344130151	599834	4130151	6.27E-08	0.063	1.700
5998444130151	599844	4130151	6.47E-08	0.065	1.700
5998544130151	599854	4130151	6.69E-08	0.067	1.700
5998644130151	599864	4130151	6.92E-08	0.069	1.700
5998744130151	599874	4130151	7.15E-08	0.072	1.700
5998844130151	599884	4130151	7.40E-08	0.074	1.700

5998944130151	599894	4130151	7.67E-08	0.077	1.700
5999044130151	599904	4130151	7.95E-08	0.079	1.700
5999144130151	599914	4130151	8.24E-08	0.082	1.700
5999244130151	599924	4130151	8.55E-08	0.086	1.700
5999344130151	599934	4130151	8.88E-08	0.089	1.700
5999444130151	599944	4130151	9.24E-08	0.092	1.700
5997544130161	599754	4130161	5.04E-08	0.050	1.700
5997644130161	599764	4130161	5.18E-08	0.052	1.700
5997744130161	599774	4130161	5.33E-08	0.053	1.700
5997844130161	599784	4130161	5.49E-08	0.055	1.700
5997944130161	599794	4130161	5.65E-08	0.057	1.700
5998044130161	599804	4130161	5.83E-08	0.058	1.700
5998144130161	599814	4130161	6.01E-08	0.060	1.700
5998244130161	599824	4130161	6.20E-08	0.062	1.700
5998344130161	599834	4130161	6.40E-08	0.064	1.700
5998444130161	599844	4130161	6.61E-08	0.066	1.700
5998544130161	599854	4130161	6.83E-08	0.068	1.700
5998644130161	599864	4130161	7.06E-08	0.071	1.700
5998744130161	599874	4130161	7.30E-08	0.073	1.700
5998844130161	599884	4130161	7.56E-08	0.076	1.700
5998944130161	599894	4130161	7.82E-08	0.078	1.700
5999044130161	599904	4130161	8.10E-08	0.081	1.700
5999144130161	599914	4130161	8.41E-08	0.084	1.700
5999244130161	599924	4130161	8.72E-08	0.087	1.700
5999344130161	599934	4130161	9.05E-08	0.091	1.700
5999444130161	599944	4130161	9.41E-08	0.094	1.700
5999544130161	599954	4130161	9.78E-08	0.098	1.700
5997544130171	599754	4130171	5.14E-08	0.051	1.700
5997644130171	599764	4130171	5.28E-08	0.053	1.700
5997744130171	599774	4130171	5.44E-08	0.054	1.700
5997844130171	599784	4130171	5.60E-08	0.056	1.700
5997944130171	599794	4130171	5.77E-08	0.058	1.700
5998044130171	599804	4130171	5.94E-08	0.059	1.700
5998144130171	599814	4130171	6.13E-08	0.061	1.700
5998244130171	599824	4130171	6.32E-08	0.063	1.700
5998344130171	599834	4130171	6.53E-08	0.065	1.700
5998444130171	599844	4130171	6.74E-08	0.067	1.700
5998544130171	599854	4130171	6.96E-08	0.070	1.700
5998644130171	599864	4130171	7.19E-08	0.072	1.700
5998744130171	599874	4130171	7.44E-08	0.074	1.700
5998844130171	599884	4130171	7.70E-08	0.077	1.700
5998944130171	599894	4130171	7.97E-08	0.080	1.700
5999044130171	599904	4130171	8.25E-08	0.083	1.700
5999144130171	599914	4130171	8.56E-08	0.086	1.700
5999244130171	599924	4130171	8.88E-08	0.089	1.700
5999344130171	599934	4130171	9.21E-08	0.092	1.700
5999444130171	599944	4130171	9.57E-08	0.096	1.700
5999544130171	599954	4130171	9.94E-08	0.099	1.700
5999644130171	599964	4130171	1.03E-07	0.103	1.700
5997544130181	599754	4130181	5.24E-08	0.052	1.700
5997644130181	599764	4130181	5.39E-08	0.054	1.700
5997744130181	599774	4130181	5.54E-08	0.055	1.700
5997844130181	599784	4130181	5.71E-08	0.057	1.700
5997944130181	599794	4130181	5.88E-08	0.059	1.700
5998044130181	599804	4130181	6.06E-08	0.061	1.700

5998144130181	599814	4130181	6.25E-08	0.062	1.700
5998244130181	599824	4130181	6.44E-08	0.064	1.700
5998344130181	599834	4130181	6.65E-08	0.066	1.700
5998444130181	599844	4130181	6.86E-08	0.069	1.700
5998544130181	599854	4130181	7.09E-08	0.071	1.700
5998644130181	599864	4130181	7.32E-08	0.073	1.700
5998744130181	599874	4130181	7.57E-08	0.076	1.700
5998844130181	599884	4130181	7.83E-08	0.078	1.700
5998944130181	599894	4130181	8.11E-08	0.081	1.700
5999044130181	599904	4130181	8.40E-08	0.084	1.700
5999144130181	599914	4130181	8.70E-08	0.087	1.700
5999244130181	599924	4130181	9.02E-08	0.090	1.700
5999344130181	599934	4130181	9.36E-08	0.094	1.700
5999444130181	599944	4130181	9.71E-08	0.097	1.700
5999544130181	599954	4130181	1.01E-07	0.101	1.700
5999644130181	599964	4130181	1.05E-07	0.105	1.700
5999744130181	599974	4130181	1.09E-07	0.109	1.700
5997644130191	599764	4130191	5.49E-08	0.055	1.700
5997744130191	599774	4130191	5.65E-08	0.056	1.700
5997844130191	599784	4130191	5.81E-08	0.058	1.700
5997944130191	599794	4130191	5.99E-08	0.060	1.700
5998044130191	599804	4130191	6.17E-08	0.062	1.700
5998144130191	599814	4130191	6.36E-08	0.064	1.700
5998244130191	599824	4130191	6.56E-08	0.066	1.700
5998344130191	599834	4130191	6.77E-08	0.068	1.700
5998444130191	599844	4130191	6.98E-08	0.070	1.700
5998544130191	599854	4130191	7.21E-08	0.072	1.700
5998644130191	599864	4130191	7.45E-08	0.074	1.700
5998744130191	599874	4130191	7.70E-08	0.077	1.700
5998844130191	599884	4130191	7.96E-08	0.080	1.700
5998944130191	599894	4130191	8.24E-08	0.082	1.700
5999044130191	599904	4130191	8.53E-08	0.085	1.700
5999144130191	599914	4130191	8.83E-08	0.088	1.700
5999244130191	599924	4130191	9.15E-08	0.091	1.700
5999344130191	599934	4130191	9.49E-08	0.095	1.700
5999444130191	599944	4130191	9.85E-08	0.098	1.700
5999544130191	599954	4130191	1.02E-07	0.102	1.700
5999644130191	599964	4130191	1.06E-07	0.106	1.700
5999744130191	599974	4130191	1.10E-07	0.110	1.700
5999844130191	599984	4130191	1.15E-07	0.115	1.700
5999944130191	599994	4130191	1.19E-07	0.119	1.700
5997744130201	599774	4130201	5.75E-08	0.057	1.700
5997844130201	599784	4130201	5.92E-08	0.059	1.700
5997944130201	599794	4130201	6.09E-08	0.061	1.700
5998044130201	599804	4130201	6.28E-08	0.063	1.700
5998144130201	599814	4130201	6.47E-08	0.065	1.700
5998244130201	599824	4130201	6.67E-08	0.067	1.700
5998344130201	599834	4130201	6.88E-08	0.069	1.700
5998444130201	599844	4130201	7.09E-08	0.071	1.700
5998544130201	599854	4130201	7.32E-08	0.073	1.700
5998644130201	599864	4130201	7.56E-08	0.076	1.700
5998744130201	599874	4130201	7.82E-08	0.078	1.700
5998844130201	599884	4130201	8.08E-08	0.081	1.700
5998944130201	599894	4130201	8.35E-08	0.084	1.700
5999044130201	599904	4130201	8.64E-08	0.086	1.700

5999144130201	599914	4130201	8.95E-08	0.090	1.700
5999244130201	599924	4130201	9.27E-08	0.093	1.700
5999344130201	599934	4130201	9.60E-08	0.096	1.700
5999444130201	599944	4130201	9.96E-08	0.100	1.700
5999544130201	599954	4130201	1.03E-07	0.103	1.700
5999644130201	599964	4130201	1.07E-07	0.107	1.700
5999744130201	599974	4130201	1.11E-07	0.111	1.700
5999844130201	599984	4130201	1.16E-07	0.116	1.700
5997844130211	599784	4130211	6.01E-08	0.060	1.700
5997944130211	599794	4130211	6.19E-08	0.062	1.700
5998044130211	599804	4130211	6.38E-08	0.064	1.700
5998144130211	599814	4130211	6.57E-08	0.066	1.700
5998244130211	599824	4130211	6.77E-08	0.068	1.700
5998344130211	599834	4130211	6.98E-08	0.070	1.700
5998444130211	599844	4130211	7.20E-08	0.072	1.700
5998544130211	599854	4130211	7.43E-08	0.074	1.700
5998644130211	599864	4130211	7.67E-08	0.077	1.700
5998744130211	599874	4130211	7.92E-08	0.079	1.700
5998844130211	599884	4130211	8.19E-08	0.082	1.700
5998944130211	599894	4130211	8.47E-08	0.085	1.700
5999044130211	599904	4130211	8.75E-08	0.088	1.700
5999144130211	599914	4130211	9.06E-08	0.091	1.700
5999244130211	599924	4130211	9.38E-08	0.094	1.700
5999344130211	599934	4130211	9.71E-08	0.097	1.700
5999444130211	599944	4130211	1.01E-07	0.101	1.700
5999544130211	599954	4130211	1.04E-07	0.104	1.700
5999644130211	599964	4130211	1.08E-07	0.108	1.700
5999744130211	599974	4130211	1.12E-07	0.112	1.700
5999844130211	599984	4130211	1.16E-07	0.116	1.700
5997944130221	599794	4130221	6.29E-08	0.063	1.700
5998044130221	599804	4130221	6.47E-08	0.065	1.700
5998144130221	599814	4130221	6.66E-08	0.067	1.700
5998244130221	599824	4130221	6.87E-08	0.069	1.700
5998344130221	599834	4130221	7.08E-08	0.071	1.700
5998444130221	599844	4130221	7.30E-08	0.073	1.700
5998544130221	599854	4130221	7.53E-08	0.075	1.700
5998644130221	599864	4130221	7.77E-08	0.078	1.700
5998744130221	599874	4130221	8.02E-08	0.080	1.700
5998844130221	599884	4130221	8.29E-08	0.083	1.700
5998944130221	599894	4130221	8.56E-08	0.086	1.700
5999044130221	599904	4130221	8.85E-08	0.089	1.700
5999144130221	599914	4130221	9.16E-08	0.092	1.700
5999244130221	599924	4130221	9.47E-08	0.095	1.700
5999344130221	599934	4130221	9.80E-08	0.098	1.700
5999444130221	599944	4130221	1.01E-07	0.101	1.700
5999544130221	599954	4130221	1.05E-07	0.105	1.700
5999644130221	599964	4130221	1.09E-07	0.109	1.700
5999744130221	599974	4130221	1.13E-07	0.113	1.700
5998044130231	599804	4130231	6.56E-08	0.066	1.700
5998144130231	599814	4130231	6.75E-08	0.068	1.700
5998244130231	599824	4130231	6.96E-08	0.070	1.700
5998344130231	599834	4130231	7.17E-08	0.072	1.700
5998444130231	599844	4130231	7.39E-08	0.074	1.700
5998544130231	599854	4130231	7.62E-08	0.076	1.700
5998644130231	599864	4130231	7.86E-08	0.079	1.700

5998744130231	599874	4130231	8.11E-08	0.081	1.700
5998844130231	599884	4130231	8.38E-08	0.084	1.700
5998944130231	599894	4130231	8.65E-08	0.087	1.700
5999044130231	599904	4130231	8.94E-08	0.089	1.700
5999144130231	599914	4130231	9.24E-08	0.092	1.700
5999244130231	599924	4130231	9.55E-08	0.096	1.700
5999344130231	599934	4130231	9.88E-08	0.099	1.700
5999444130231	599944	4130231	1.02E-07	0.102	1.700
5999544130231	599954	4130231	1.06E-07	0.106	1.700
5999644130231	599964	4130231	1.10E-07	0.110	1.700
5998244130241	599824	4130241	7.04E-08	0.070	1.700
5998344130241	599834	4130241	7.25E-08	0.073	1.700
5998444130241	599844	4130241	7.47E-08	0.075	1.700
5998544130241	599854	4130241	7.70E-08	0.077	1.700
5998644130241	599864	4130241	7.95E-08	0.079	1.700
5998744130241	599874	4130241	8.20E-08	0.082	1.700
5998844130241	599884	4130241	8.46E-08	0.085	1.700
5998944130241	599894	4130241	8.73E-08	0.087	1.700
5999044130241	599904	4130241	9.01E-08	0.090	1.700
5999144130241	599914	4130241	9.31E-08	0.093	1.700
5999244130241	599924	4130241	9.62E-08	0.096	1.700
5999344130241	599934	4130241	9.94E-08	0.099	1.700
5999444130241	599944	4130241	1.03E-07	0.103	1.700
5999544130241	599954	4130241	1.06E-07	0.106	1.700
5999644130241	599964	4130241	1.10E-07	0.110	1.700
5998344130251	599834	4130251	7.33E-08	0.073	1.700
5998444130251	599844	4130251	7.55E-08	0.076	1.700
5998544130251	599854	4130251	7.78E-08	0.078	1.700
5998644130251	599864	4130251	8.02E-08	0.080	1.700
5998744130251	599874	4130251	8.27E-08	0.083	1.700
5998844130251	599884	4130251	8.53E-08	0.085	1.700
5998944130251	599894	4130251	8.80E-08	0.088	1.700
5999044130251	599904	4130251	9.08E-08	0.091	1.700
5999144130251	599914	4130251	9.37E-08	0.094	1.700
5999244130251	599924	4130251	9.67E-08	0.097	1.700
5999344130251	599934	4130251	9.99E-08	0.100	1.700
5999444130251	599944	4130251	1.03E-07	0.103	1.700
5999544130251	599954	4130251	1.07E-07	0.107	1.700
5998444130261	599844	4130261	7.62E-08	0.076	1.700
5998544130261	599854	4130261	7.85E-08	0.078	1.700
5998644130261	599864	4130261	8.08E-08	0.081	1.700
5998744130261	599874	4130261	8.33E-08	0.083	1.700
5998844130261	599884	4130261	8.59E-08	0.086	1.700
5998944130261	599894	4130261	8.85E-08	0.089	1.700
5999044130261	599904	4130261	9.13E-08	0.091	1.700
5999144130261	599914	4130261	9.42E-08	0.094	1.700
5999244130261	599924	4130261	9.72E-08	0.097	1.700
5999344130261	599934	4130261	1.00E-07	0.100	1.700
5999444130261	599944	4130261	1.04E-07	0.104	1.700
5998544130271	599854	4130271	7.91E-08	0.079	1.700
5998644130271	599864	4130271	8.14E-08	0.081	1.700
5998744130271	599874	4130271	8.38E-08	0.084	1.700
5998844130271	599884	4130271	8.64E-08	0.086	1.700
5998944130271	599894	4130271	8.90E-08	0.089	1.700
5999044130271	599904	4130271	9.17E-08	0.092	1.700

5999144130271	599914	4130271	9.45E-08	0.095	1.700
5999244130271	599924	4130271	9.75E-08	0.097	1.700
5999344130271	599934	4130271	1.01E-07	0.101	1.700
5999444130271	599944	4130271	1.04E-07	0.104	1.700
5998644130281	599864	4130281	8.19E-08	0.082	1.700
5998744130281	599874	4130281	8.43E-08	0.084	1.700
5998844130281	599884	4130281	8.68E-08	0.087	1.700
5998944130281	599894	4130281	8.93E-08	0.089	1.700
5999044130281	599904	4130281	9.20E-08	0.092	1.700
5999144130281	599914	4130281	9.48E-08	0.095	1.700
5999244130281	599924	4130281	9.77E-08	0.098	1.700
5999344130281	599934	4130281	1.01E-07	0.101	1.700
5998844130291	599884	4130291	8.70E-08	0.087	1.700
5998944130291	599894	4130291	8.96E-08	0.090	1.700
5999044130291	599904	4130291	9.22E-08	0.092	1.700
5999144130291	599914	4130291	9.49E-08	0.095	1.700
5999244130291	599924	4130291	9.77E-08	0.098	1.700
5998944130301	599894	4130301	8.97E-08	0.090	1.700
5999044130301	599904	4130301	9.23E-08	0.092	1.700
5999144130301	599914	4130301	9.49E-08	0.095	1.700
5999244130301	599924	4130301	9.77E-08	0.098	1.700
5999044130311	599904	4130311	9.23E-08	0.092	1.700
5999144130311	599914	4130311	9.49E-08	0.095	1.700
600476.114129997.43	600476.11	4129997.43	2.11E-06	2.108	1.700
600542.034129901.18	600542.03	4129901.18	1.56E-06	1.555	1.700
600613.194129963.35	600613.19	4129963.35	3.60E-06	3.602	1.700
600542.44130050.24	600542.4	4130050.24	1.60E-06	1.603	1.700

Chronic HI

Total Cumulative Risk (per million)	Project Max Hazard Index	Cumulative Sources HI	Total Cumulative HI
1.778	2.53E-04	2.00E-02	2.03E-02
1.782	2.66E-04	2.00E-02	2.03E-02
1.786	2.79E-04	2.00E-02	2.03E-02
1.790	2.92E-04	2.00E-02	2.03E-02
1.794	3.05E-04	2.00E-02	2.03E-02
1.798	3.18E-04	2.00E-02	2.03E-02
1.759	1.91E-04	2.00E-02	2.02E-02
1.763	2.02E-04	2.00E-02	2.02E-02
1.766	2.14E-04	2.00E-02	2.02E-02
1.770	2.26E-04	2.00E-02	2.02E-02
1.774	2.38E-04	2.00E-02	2.02E-02
1.778	2.51E-04	2.00E-02	2.03E-02
1.782	2.65E-04	2.00E-02	2.03E-02
1.786	2.78E-04	2.00E-02	2.03E-02
1.790	2.92E-04	2.00E-02	2.03E-02
1.795	3.06E-04	2.00E-02	2.03E-02
1.799	3.20E-04	2.00E-02	2.03E-02
1.803	3.34E-04	2.00E-02	2.03E-02
1.808	3.48E-04	2.00E-02	2.03E-02
1.812	3.62E-04	2.00E-02	2.04E-02
1.816	3.75E-04	2.00E-02	2.04E-02
1.820	3.87E-04	2.00E-02	2.04E-02
1.824	3.99E-04	2.00E-02	2.04E-02
1.827	4.10E-04	2.00E-02	2.04E-02
1.749	1.59E-04	2.00E-02	2.02E-02
1.752	1.68E-04	2.00E-02	2.02E-02
1.755	1.78E-04	2.00E-02	2.02E-02
1.758	1.88E-04	2.00E-02	2.02E-02
1.761	1.99E-04	2.00E-02	2.02E-02
1.765	2.10E-04	2.00E-02	2.02E-02
1.769	2.22E-04	2.00E-02	2.02E-02
1.773	2.35E-04	2.00E-02	2.02E-02
1.777	2.48E-04	2.00E-02	2.02E-02
1.781	2.62E-04	2.00E-02	2.03E-02
1.786	2.77E-04	2.00E-02	2.03E-02
1.790	2.91E-04	2.00E-02	2.03E-02
1.795	3.06E-04	2.00E-02	2.03E-02
1.799	3.21E-04	2.00E-02	2.03E-02
1.804	3.36E-04	2.00E-02	2.03E-02
1.809	3.51E-04	2.00E-02	2.04E-02
1.813	3.66E-04	2.00E-02	2.04E-02
1.818	3.81E-04	2.00E-02	2.04E-02
1.822	3.95E-04	2.00E-02	2.04E-02



1.826	4.08E-04	2.00E-02	2.04E-02
1.830	4.20E-04	2.00E-02	2.04E-02
1.834	4.32E-04	2.00E-02	2.04E-02
1.837	4.43E-04	2.00E-02	2.04E-02
1.840	4.54E-04	2.00E-02	2.05E-02
1.843	4.63E-04	2.00E-02	2.05E-02
1.746	1.48E-04	2.00E-02	2.01E-02
1.748	1.56E-04	2.00E-02	2.02E-02
1.751	1.64E-04	2.00E-02	2.02E-02
1.754	1.74E-04	2.00E-02	2.02E-02
1.757	1.84E-04	2.00E-02	2.02E-02
1.760	1.95E-04	2.00E-02	2.02E-02
1.764	2.06E-04	2.00E-02	2.02E-02
1.768	2.19E-04	2.00E-02	2.02E-02
1.772	2.31E-04	2.00E-02	2.02E-02
1.776	2.45E-04	2.00E-02	2.02E-02
1.780	2.59E-04	2.00E-02	2.03E-02
1.785	2.74E-04	2.00E-02	2.03E-02
1.790	2.90E-04	2.00E-02	2.03E-02
1.795	3.06E-04	2.00E-02	2.03E-02
1.800	3.22E-04	2.00E-02	2.03E-02
1.804	3.38E-04	2.00E-02	2.03E-02
1.810	3.54E-04	2.00E-02	2.04E-02
1.815	3.70E-04	2.00E-02	2.04E-02
1.819	3.86E-04	2.00E-02	2.04E-02
1.824	4.01E-04	2.00E-02	2.04E-02
1.829	4.16E-04	2.00E-02	2.04E-02
1.833	4.31E-04	2.00E-02	2.04E-02
1.837	4.44E-04	2.00E-02	2.04E-02
1.841	4.56E-04	2.00E-02	2.05E-02
1.845	4.68E-04	2.00E-02	2.05E-02
1.848	4.78E-04	2.00E-02	2.05E-02
1.851	4.88E-04	2.00E-02	2.05E-02
1.854	4.96E-04	2.00E-02	2.05E-02
1.856	5.03E-04	2.00E-02	2.05E-02
1.858	5.10E-04	2.00E-02	2.05E-02
1.743	1.38E-04	2.00E-02	2.01E-02
1.745	1.45E-04	2.00E-02	2.01E-02
1.747	1.52E-04	2.00E-02	2.02E-02
1.750	1.61E-04	2.00E-02	2.02E-02
1.752	1.70E-04	2.00E-02	2.02E-02
1.756	1.80E-04	2.00E-02	2.02E-02
1.759	1.90E-04	2.00E-02	2.02E-02
1.762	2.02E-04	2.00E-02	2.02E-02
1.766	2.14E-04	2.00E-02	2.02E-02
1.770	2.27E-04	2.00E-02	2.02E-02
1.775	2.41E-04	2.00E-02	2.02E-02
1.779	2.56E-04	2.00E-02	2.03E-02
1.784	2.71E-04	2.00E-02	2.03E-02
1.789	2.87E-04	2.00E-02	2.03E-02
1.794	3.04E-04	2.00E-02	2.03E-02
1.799	3.21E-04	2.00E-02	2.03E-02
1.805	3.38E-04	2.00E-02	2.03E-02
1.810	3.56E-04	2.00E-02	2.04E-02
1.815	3.73E-04	2.00E-02	2.04E-02

1.821	3.90E-04	2.00E-02	2.04E-02
1.826	4.07E-04	2.00E-02	2.04E-02
1.831	4.24E-04	2.00E-02	2.04E-02
1.836	4.40E-04	2.00E-02	2.04E-02
1.841	4.55E-04	2.00E-02	2.05E-02
1.845	4.69E-04	2.00E-02	2.05E-02
1.849	4.82E-04	2.00E-02	2.05E-02
1.853	4.94E-04	2.00E-02	2.05E-02
1.856	5.04E-04	2.00E-02	2.05E-02
1.859	5.14E-04	2.00E-02	2.05E-02
1.862	5.23E-04	2.00E-02	2.05E-02
1.864	5.31E-04	2.00E-02	2.05E-02
1.866	5.37E-04	2.00E-02	2.05E-02
1.868	5.43E-04	2.00E-02	2.05E-02
1.869	5.47E-04	2.00E-02	2.05E-02
1.740	1.29E-04	2.00E-02	2.01E-02
1.742	1.35E-04	2.00E-02	2.01E-02
1.744	1.42E-04	2.00E-02	2.01E-02
1.746	1.49E-04	2.00E-02	2.01E-02
1.749	1.57E-04	2.00E-02	2.02E-02
1.751	1.66E-04	2.00E-02	2.02E-02
1.754	1.75E-04	2.00E-02	2.02E-02
1.757	1.86E-04	2.00E-02	2.02E-02
1.761	1.97E-04	2.00E-02	2.02E-02
1.765	2.09E-04	2.00E-02	2.02E-02
1.769	2.23E-04	2.00E-02	2.02E-02
1.773	2.37E-04	2.00E-02	2.02E-02
1.778	2.52E-04	2.00E-02	2.03E-02
1.783	2.67E-04	2.00E-02	2.03E-02
1.788	2.84E-04	2.00E-02	2.03E-02
1.793	3.01E-04	2.00E-02	2.03E-02
1.799	3.19E-04	2.00E-02	2.03E-02
1.804	3.37E-04	2.00E-02	2.03E-02
1.810	3.56E-04	2.00E-02	2.04E-02
1.816	3.75E-04	2.00E-02	2.04E-02
1.822	3.94E-04	2.00E-02	2.04E-02
1.828	4.12E-04	2.00E-02	2.04E-02
1.833	4.30E-04	2.00E-02	2.04E-02
1.839	4.48E-04	2.00E-02	2.04E-02
1.844	4.65E-04	2.00E-02	2.05E-02
1.849	4.81E-04	2.00E-02	2.05E-02
1.854	4.96E-04	2.00E-02	2.05E-02
1.858	5.10E-04	2.00E-02	2.05E-02
1.862	5.22E-04	2.00E-02	2.05E-02
1.865	5.34E-04	2.00E-02	2.05E-02
1.868	5.43E-04	2.00E-02	2.05E-02
1.871	5.52E-04	2.00E-02	2.06E-02
1.873	5.60E-04	2.00E-02	2.06E-02
1.875	5.66E-04	2.00E-02	2.06E-02
1.877	5.72E-04	2.00E-02	2.06E-02
1.878	5.76E-04	2.00E-02	2.06E-02
1.879	5.80E-04	2.00E-02	2.06E-02
1.880	5.82E-04	2.00E-02	2.06E-02
1.739	1.27E-04	2.00E-02	2.01E-02
1.741	1.33E-04	2.00E-02	2.01E-02

1.743	1.39E-04	2.00E-02	2.01E-02
1.745	1.46E-04	2.00E-02	2.01E-02
1.747	1.53E-04	2.00E-02	2.02E-02
1.750	1.62E-04	2.00E-02	2.02E-02
1.753	1.71E-04	2.00E-02	2.02E-02
1.756	1.81E-04	2.00E-02	2.02E-02
1.759	1.92E-04	2.00E-02	2.02E-02
1.763	2.04E-04	2.00E-02	2.02E-02
1.767	2.17E-04	2.00E-02	2.02E-02
1.772	2.32E-04	2.00E-02	2.02E-02
1.776	2.47E-04	2.00E-02	2.02E-02
1.781	2.63E-04	2.00E-02	2.03E-02
1.787	2.80E-04	2.00E-02	2.03E-02
1.792	2.97E-04	2.00E-02	2.03E-02
1.798	3.16E-04	2.00E-02	2.03E-02
1.804	3.36E-04	2.00E-02	2.03E-02
1.810	3.55E-04	2.00E-02	2.04E-02
1.816	3.76E-04	2.00E-02	2.04E-02
1.823	3.96E-04	2.00E-02	2.04E-02
1.829	4.17E-04	2.00E-02	2.04E-02
1.835	4.37E-04	2.00E-02	2.04E-02
1.841	4.56E-04	2.00E-02	2.05E-02
1.847	4.75E-04	2.00E-02	2.05E-02
1.852	4.93E-04	2.00E-02	2.05E-02
1.858	5.10E-04	2.00E-02	2.05E-02
1.863	5.26E-04	2.00E-02	2.05E-02
1.867	5.40E-04	2.00E-02	2.05E-02
1.871	5.53E-04	2.00E-02	2.06E-02
1.875	5.65E-04	2.00E-02	2.06E-02
1.878	5.75E-04	2.00E-02	2.06E-02
1.881	5.84E-04	2.00E-02	2.06E-02
1.883	5.91E-04	2.00E-02	2.06E-02
1.885	5.98E-04	2.00E-02	2.06E-02
1.887	6.03E-04	2.00E-02	2.06E-02
1.888	6.08E-04	2.00E-02	2.06E-02
1.889	6.11E-04	2.00E-02	2.06E-02
1.890	6.13E-04	2.00E-02	2.06E-02
1.890	6.14E-04	2.00E-02	2.06E-02
1.890	6.15E-04	2.00E-02	2.06E-02
1.738	1.21E-04	2.00E-02	2.01E-02
1.739	1.26E-04	2.00E-02	2.01E-02
1.740	1.31E-04	2.00E-02	2.01E-02
1.742	1.37E-04	2.00E-02	2.01E-02
1.744	1.43E-04	2.00E-02	2.01E-02
1.746	1.50E-04	2.00E-02	2.02E-02
1.749	1.58E-04	2.00E-02	2.02E-02
1.752	1.67E-04	2.00E-02	2.02E-02
1.755	1.76E-04	2.00E-02	2.02E-02
1.758	1.87E-04	2.00E-02	2.02E-02
1.762	1.99E-04	2.00E-02	2.02E-02
1.766	2.12E-04	2.00E-02	2.02E-02
1.770	2.26E-04	2.00E-02	2.02E-02
1.775	2.41E-04	2.00E-02	2.02E-02
1.780	2.57E-04	2.00E-02	2.03E-02
1.785	2.75E-04	2.00E-02	2.03E-02

1.791	2.93E-04	2.00E-02	2.03E-02
1.797	3.12E-04	2.00E-02	2.03E-02
1.803	3.32E-04	2.00E-02	2.03E-02
1.809	3.53E-04	2.00E-02	2.04E-02
1.816	3.75E-04	2.00E-02	2.04E-02
1.823	3.97E-04	2.00E-02	2.04E-02
1.830	4.19E-04	2.00E-02	2.04E-02
1.836	4.41E-04	2.00E-02	2.04E-02
1.843	4.63E-04	2.00E-02	2.05E-02
1.850	4.84E-04	2.00E-02	2.05E-02
1.856	5.04E-04	2.00E-02	2.05E-02
1.862	5.23E-04	2.00E-02	2.05E-02
1.868	5.41E-04	2.00E-02	2.05E-02
1.873	5.58E-04	2.00E-02	2.06E-02
1.877	5.73E-04	2.00E-02	2.06E-02
1.882	5.87E-04	2.00E-02	2.06E-02
1.885	5.99E-04	2.00E-02	2.06E-02
1.889	6.10E-04	2.00E-02	2.06E-02
1.891	6.19E-04	2.00E-02	2.06E-02
1.894	6.25E-04	2.00E-02	2.06E-02
1.896	6.32E-04	2.00E-02	2.06E-02
1.897	6.38E-04	2.00E-02	2.06E-02
1.899	6.42E-04	2.00E-02	2.06E-02
1.899	6.44E-04	2.00E-02	2.06E-02
1.900	6.46E-04	2.00E-02	2.06E-02
1.900	6.47E-04	2.00E-02	2.06E-02
1.901	6.48E-04	2.00E-02	2.06E-02
1.901	6.48E-04	2.00E-02	2.06E-02
1.737	1.21E-04	2.00E-02	2.01E-02
1.739	1.25E-04	2.00E-02	2.01E-02
1.740	1.30E-04	2.00E-02	2.01E-02
1.742	1.35E-04	2.00E-02	2.01E-02
1.744	1.41E-04	2.00E-02	2.01E-02
1.746	1.47E-04	2.00E-02	2.01E-02
1.748	1.55E-04	2.00E-02	2.02E-02
1.750	1.63E-04	2.00E-02	2.02E-02
1.753	1.72E-04	2.00E-02	2.02E-02
1.756	1.82E-04	2.00E-02	2.02E-02
1.760	1.94E-04	2.00E-02	2.02E-02
1.764	2.07E-04	2.00E-02	2.02E-02
1.768	2.20E-04	2.00E-02	2.02E-02
1.773	2.35E-04	2.00E-02	2.02E-02
1.778	2.51E-04	2.00E-02	2.03E-02
1.783	2.69E-04	2.00E-02	2.03E-02
1.789	2.87E-04	2.00E-02	2.03E-02
1.795	3.07E-04	2.00E-02	2.03E-02
1.801	3.28E-04	2.00E-02	2.03E-02
1.808	3.50E-04	2.00E-02	2.03E-02
1.815	3.73E-04	2.00E-02	2.04E-02
1.823	3.97E-04	2.00E-02	2.04E-02
1.830	4.20E-04	2.00E-02	2.04E-02
1.837	4.44E-04	2.00E-02	2.04E-02
1.845	4.68E-04	2.00E-02	2.05E-02
1.852	4.91E-04	2.00E-02	2.05E-02
1.859	5.14E-04	2.00E-02	2.05E-02

1.866	5.36E-04	2.00E-02	2.05E-02
1.872	5.57E-04	2.00E-02	2.06E-02
1.878	5.76E-04	2.00E-02	2.06E-02
1.884	5.93E-04	2.00E-02	2.06E-02
1.888	6.08E-04	2.00E-02	2.06E-02
1.893	6.23E-04	2.00E-02	2.06E-02
1.897	6.36E-04	2.00E-02	2.06E-02
1.900	6.47E-04	2.00E-02	2.06E-02
1.903	6.56E-04	2.00E-02	2.07E-02
1.905	6.63E-04	2.00E-02	2.07E-02
1.907	6.70E-04	2.00E-02	2.07E-02
1.909	6.75E-04	2.00E-02	2.07E-02
1.910	6.78E-04	2.00E-02	2.07E-02
1.911	6.81E-04	2.00E-02	2.07E-02
1.911	6.82E-04	2.00E-02	2.07E-02
1.911	6.83E-04	2.00E-02	2.07E-02
1.912	6.84E-04	2.00E-02	2.07E-02
1.911	6.83E-04	2.00E-02	2.07E-02
1.911	6.82E-04	2.00E-02	2.07E-02
1.736	1.17E-04	2.00E-02	2.01E-02
1.737	1.21E-04	2.00E-02	2.01E-02
1.739	1.24E-04	2.00E-02	2.01E-02
1.740	1.29E-04	2.00E-02	2.01E-02
1.741	1.34E-04	2.00E-02	2.01E-02
1.743	1.39E-04	2.00E-02	2.01E-02
1.745	1.45E-04	2.00E-02	2.01E-02
1.747	1.52E-04	2.00E-02	2.02E-02
1.749	1.60E-04	2.00E-02	2.02E-02
1.752	1.68E-04	2.00E-02	2.02E-02
1.755	1.78E-04	2.00E-02	2.02E-02
1.758	1.89E-04	2.00E-02	2.02E-02
1.762	2.01E-04	2.00E-02	2.02E-02
1.766	2.14E-04	2.00E-02	2.02E-02
1.771	2.29E-04	2.00E-02	2.02E-02
1.776	2.45E-04	2.00E-02	2.02E-02
1.781	2.62E-04	2.00E-02	2.03E-02
1.787	2.81E-04	2.00E-02	2.03E-02
1.793	3.01E-04	2.00E-02	2.03E-02
1.800	3.22E-04	2.00E-02	2.03E-02
1.807	3.45E-04	2.00E-02	2.03E-02
1.814	3.69E-04	2.00E-02	2.04E-02
1.822	3.94E-04	2.00E-02	2.04E-02
1.830	4.19E-04	2.00E-02	2.04E-02
1.838	4.45E-04	2.00E-02	2.04E-02
1.846	4.71E-04	2.00E-02	2.05E-02
1.854	4.97E-04	2.00E-02	2.05E-02
1.862	5.23E-04	2.00E-02	2.05E-02
1.869	5.48E-04	2.00E-02	2.05E-02
1.877	5.71E-04	2.00E-02	2.06E-02
1.884	5.93E-04	2.00E-02	2.06E-02
1.890	6.14E-04	2.00E-02	2.06E-02
1.896	6.32E-04	2.00E-02	2.06E-02
1.901	6.48E-04	2.00E-02	2.06E-02
1.905	6.63E-04	2.00E-02	2.07E-02
1.909	6.77E-04	2.00E-02	2.07E-02

1.913	6.87E-04	2.00E-02	2.07E-02
1.916	6.96E-04	2.00E-02	2.07E-02
1.918	7.04E-04	2.00E-02	2.07E-02
1.920	7.10E-04	2.00E-02	2.07E-02
1.921	7.15E-04	2.00E-02	2.07E-02
1.922	7.18E-04	2.00E-02	2.07E-02
1.923	7.20E-04	2.00E-02	2.07E-02
1.923	7.22E-04	2.00E-02	2.07E-02
1.924	7.22E-04	2.00E-02	2.07E-02
1.923	7.22E-04	2.00E-02	2.07E-02
1.923	7.21E-04	2.00E-02	2.07E-02
1.923	7.20E-04	2.00E-02	2.07E-02
1.922	7.18E-04	2.00E-02	2.07E-02
1.921	7.15E-04	2.00E-02	2.07E-02
1.736	1.18E-04	2.00E-02	2.01E-02
1.737	1.21E-04	2.00E-02	2.01E-02
1.739	1.25E-04	2.00E-02	2.01E-02
1.740	1.29E-04	2.00E-02	2.01E-02
1.741	1.33E-04	2.00E-02	2.01E-02
1.743	1.38E-04	2.00E-02	2.01E-02
1.744	1.44E-04	2.00E-02	2.01E-02
1.746	1.50E-04	2.00E-02	2.02E-02
1.749	1.57E-04	2.00E-02	2.02E-02
1.751	1.65E-04	2.00E-02	2.02E-02
1.754	1.74E-04	2.00E-02	2.02E-02
1.757	1.84E-04	2.00E-02	2.02E-02
1.761	1.96E-04	2.00E-02	2.02E-02
1.764	2.08E-04	2.00E-02	2.02E-02
1.769	2.22E-04	2.00E-02	2.02E-02
1.774	2.38E-04	2.00E-02	2.02E-02
1.779	2.55E-04	2.00E-02	2.03E-02
1.785	2.73E-04	2.00E-02	2.03E-02
1.791	2.94E-04	2.00E-02	2.03E-02
1.798	3.15E-04	2.00E-02	2.03E-02
1.805	3.38E-04	2.00E-02	2.03E-02
1.812	3.63E-04	2.00E-02	2.04E-02
1.821	3.90E-04	2.00E-02	2.04E-02
1.829	4.17E-04	2.00E-02	2.04E-02
1.838	4.45E-04	2.00E-02	2.04E-02
1.846	4.73E-04	2.00E-02	2.05E-02
1.855	5.02E-04	2.00E-02	2.05E-02
1.864	5.30E-04	2.00E-02	2.05E-02
1.873	5.58E-04	2.00E-02	2.06E-02
1.881	5.84E-04	2.00E-02	2.06E-02
1.889	6.10E-04	2.00E-02	2.06E-02
1.896	6.33E-04	2.00E-02	2.06E-02
1.903	6.55E-04	2.00E-02	2.07E-02
1.909	6.74E-04	2.00E-02	2.07E-02
1.914	6.92E-04	2.00E-02	2.07E-02
1.919	7.07E-04	2.00E-02	2.07E-02
1.923	7.21E-04	2.00E-02	2.07E-02
1.927	7.32E-04	2.00E-02	2.07E-02
1.929	7.41E-04	2.00E-02	2.07E-02
1.932	7.48E-04	2.00E-02	2.07E-02
1.933	7.54E-04	2.00E-02	2.08E-02

1.935	7.59E-04	2.00E-02	2.08E-02
1.936	7.62E-04	2.00E-02	2.08E-02
1.936	7.63E-04	2.00E-02	2.08E-02
1.937	7.64E-04	2.00E-02	2.08E-02
1.937	7.65E-04	2.00E-02	2.08E-02
1.936	7.64E-04	2.00E-02	2.08E-02
1.936	7.63E-04	2.00E-02	2.08E-02
1.935	7.61E-04	2.00E-02	2.08E-02
1.935	7.58E-04	2.00E-02	2.08E-02
1.934	7.55E-04	2.00E-02	2.08E-02
1.933	7.52E-04	2.00E-02	2.08E-02
1.737	1.19E-04	2.00E-02	2.01E-02
1.738	1.22E-04	2.00E-02	2.01E-02
1.739	1.25E-04	2.00E-02	2.01E-02
1.740	1.29E-04	2.00E-02	2.01E-02
1.741	1.33E-04	2.00E-02	2.01E-02
1.743	1.38E-04	2.00E-02	2.01E-02
1.744	1.43E-04	2.00E-02	2.01E-02
1.746	1.48E-04	2.00E-02	2.01E-02
1.748	1.55E-04	2.00E-02	2.02E-02
1.750	1.62E-04	2.00E-02	2.02E-02
1.753	1.71E-04	2.00E-02	2.02E-02
1.756	1.80E-04	2.00E-02	2.02E-02
1.759	1.90E-04	2.00E-02	2.02E-02
1.763	2.03E-04	2.00E-02	2.02E-02
1.767	2.16E-04	2.00E-02	2.02E-02
1.771	2.31E-04	2.00E-02	2.02E-02
1.777	2.47E-04	2.00E-02	2.02E-02
1.782	2.66E-04	2.00E-02	2.03E-02
1.788	2.85E-04	2.00E-02	2.03E-02
1.795	3.07E-04	2.00E-02	2.03E-02
1.802	3.31E-04	2.00E-02	2.03E-02
1.810	3.56E-04	2.00E-02	2.04E-02
1.819	3.84E-04	2.00E-02	2.04E-02
1.828	4.13E-04	2.00E-02	2.04E-02
1.837	4.42E-04	2.00E-02	2.04E-02
1.846	4.73E-04	2.00E-02	2.05E-02
1.856	5.04E-04	2.00E-02	2.05E-02
1.866	5.35E-04	2.00E-02	2.05E-02
1.875	5.66E-04	2.00E-02	2.06E-02
1.884	5.96E-04	2.00E-02	2.06E-02
1.893	6.25E-04	2.00E-02	2.06E-02
1.902	6.52E-04	2.00E-02	2.07E-02
1.910	6.77E-04	2.00E-02	2.07E-02
1.917	7.01E-04	2.00E-02	2.07E-02
1.923	7.22E-04	2.00E-02	2.07E-02
1.929	7.40E-04	2.00E-02	2.07E-02
1.934	7.56E-04	2.00E-02	2.08E-02
1.938	7.70E-04	2.00E-02	2.08E-02
1.941	7.80E-04	2.00E-02	2.08E-02
1.944	7.90E-04	2.00E-02	2.08E-02
1.947	7.97E-04	2.00E-02	2.08E-02
1.948	8.03E-04	2.00E-02	2.08E-02
1.950	8.07E-04	2.00E-02	2.08E-02
1.950	8.09E-04	2.00E-02	2.08E-02

1.951	8.11E-04	2.00E-02	2.08E-02
1.951	8.11E-04	2.00E-02	2.08E-02
1.951	8.11E-04	2.00E-02	2.08E-02
1.951	8.10E-04	2.00E-02	2.08E-02
1.950	8.08E-04	2.00E-02	2.08E-02
1.949	8.05E-04	2.00E-02	2.08E-02
1.948	8.02E-04	2.00E-02	2.08E-02
1.947	7.98E-04	2.00E-02	2.08E-02
1.946	7.94E-04	2.00E-02	2.08E-02
1.944	7.90E-04	2.00E-02	2.08E-02
1.737	1.21E-04	2.00E-02	2.01E-02
1.738	1.24E-04	2.00E-02	2.01E-02
1.739	1.27E-04	2.00E-02	2.01E-02
1.740	1.30E-04	2.00E-02	2.01E-02
1.741	1.34E-04	2.00E-02	2.01E-02
1.743	1.38E-04	2.00E-02	2.01E-02
1.744	1.42E-04	2.00E-02	2.01E-02
1.746	1.48E-04	2.00E-02	2.01E-02
1.747	1.53E-04	2.00E-02	2.02E-02
1.750	1.60E-04	2.00E-02	2.02E-02
1.752	1.68E-04	2.00E-02	2.02E-02
1.755	1.76E-04	2.00E-02	2.02E-02
1.758	1.86E-04	2.00E-02	2.02E-02
1.761	1.97E-04	2.00E-02	2.02E-02
1.765	2.10E-04	2.00E-02	2.02E-02
1.769	2.24E-04	2.00E-02	2.02E-02
1.774	2.40E-04	2.00E-02	2.02E-02
1.780	2.57E-04	2.00E-02	2.03E-02
1.786	2.77E-04	2.00E-02	2.03E-02
1.792	2.99E-04	2.00E-02	2.03E-02
1.800	3.22E-04	2.00E-02	2.03E-02
1.808	3.48E-04	2.00E-02	2.03E-02
1.816	3.76E-04	2.00E-02	2.04E-02
1.826	4.06E-04	2.00E-02	2.04E-02
1.835	4.37E-04	2.00E-02	2.04E-02
1.845	4.70E-04	2.00E-02	2.05E-02
1.856	5.04E-04	2.00E-02	2.05E-02
1.866	5.38E-04	2.00E-02	2.05E-02
1.877	5.72E-04	2.00E-02	2.06E-02
1.887	6.06E-04	2.00E-02	2.06E-02
1.898	6.39E-04	2.00E-02	2.06E-02
1.907	6.70E-04	2.00E-02	2.07E-02
1.916	6.99E-04	2.00E-02	2.07E-02
1.925	7.26E-04	2.00E-02	2.07E-02
1.933	7.51E-04	2.00E-02	2.08E-02
1.939	7.74E-04	2.00E-02	2.08E-02
1.946	7.93E-04	2.00E-02	2.08E-02
1.951	8.10E-04	2.00E-02	2.08E-02
1.955	8.23E-04	2.00E-02	2.08E-02
1.958	8.34E-04	2.00E-02	2.08E-02
1.961	8.44E-04	2.00E-02	2.08E-02
1.963	8.51E-04	2.00E-02	2.09E-02
1.965	8.56E-04	2.00E-02	2.09E-02
1.966	8.59E-04	2.00E-02	2.09E-02
1.967	8.61E-04	2.00E-02	2.09E-02



1.967	8.62E-04	2.00E-02	2.09E-02
1.967	8.62E-04	2.00E-02	2.09E-02
1.967	8.61E-04	2.00E-02	2.09E-02
1.966	8.60E-04	2.00E-02	2.09E-02
1.965	8.57E-04	2.00E-02	2.09E-02
1.964	8.53E-04	2.00E-02	2.09E-02
1.963	8.50E-04	2.00E-02	2.08E-02
1.962	8.45E-04	2.00E-02	2.08E-02
1.960	8.40E-04	2.00E-02	2.08E-02
1.958	8.35E-04	2.00E-02	2.08E-02
1.956	8.29E-04	2.00E-02	2.08E-02
1.738	1.23E-04	2.00E-02	2.01E-02
1.739	1.26E-04	2.00E-02	2.01E-02
1.740	1.28E-04	2.00E-02	2.01E-02
1.741	1.32E-04	2.00E-02	2.01E-02
1.742	1.35E-04	2.00E-02	2.01E-02
1.743	1.39E-04	2.00E-02	2.01E-02
1.744	1.43E-04	2.00E-02	2.01E-02
1.746	1.48E-04	2.00E-02	2.01E-02
1.747	1.53E-04	2.00E-02	2.02E-02
1.749	1.59E-04	2.00E-02	2.02E-02
1.751	1.66E-04	2.00E-02	2.02E-02
1.754	1.74E-04	2.00E-02	2.02E-02
1.756	1.83E-04	2.00E-02	2.02E-02
1.760	1.93E-04	2.00E-02	2.02E-02
1.763	2.04E-04	2.00E-02	2.02E-02
1.767	2.18E-04	2.00E-02	2.02E-02
1.772	2.33E-04	2.00E-02	2.02E-02
1.777	2.49E-04	2.00E-02	2.02E-02
1.783	2.68E-04	2.00E-02	2.03E-02
1.789	2.89E-04	2.00E-02	2.03E-02
1.797	3.12E-04	2.00E-02	2.03E-02
1.805	3.38E-04	2.00E-02	2.03E-02
1.813	3.67E-04	2.00E-02	2.04E-02
1.823	3.97E-04	2.00E-02	2.04E-02
1.833	4.30E-04	2.00E-02	2.04E-02
1.844	4.64E-04	2.00E-02	2.05E-02
1.855	5.01E-04	2.00E-02	2.05E-02
1.866	5.38E-04	2.00E-02	2.05E-02
1.878	5.75E-04	2.00E-02	2.06E-02
1.890	6.13E-04	2.00E-02	2.06E-02
1.901	6.50E-04	2.00E-02	2.07E-02
1.912	6.86E-04	2.00E-02	2.07E-02
1.923	7.20E-04	2.00E-02	2.07E-02
1.933	7.52E-04	2.00E-02	2.08E-02
1.942	7.82E-04	2.00E-02	2.08E-02
1.950	8.09E-04	2.00E-02	2.08E-02
1.958	8.32E-04	2.00E-02	2.08E-02
1.964	8.52E-04	2.00E-02	2.09E-02
1.969	8.68E-04	2.00E-02	2.09E-02
1.973	8.82E-04	2.00E-02	2.09E-02
1.977	8.94E-04	2.00E-02	2.09E-02
1.980	9.04E-04	2.00E-02	2.09E-02
1.982	9.10E-04	2.00E-02	2.09E-02
1.983	9.15E-04	2.00E-02	2.09E-02

1.984	9.18E-04	2.00E-02	2.09E-02
1.984	9.19E-04	2.00E-02	2.09E-02
1.984	9.19E-04	2.00E-02	2.09E-02
1.984	9.18E-04	2.00E-02	2.09E-02
1.984	9.17E-04	2.00E-02	2.09E-02
1.983	9.14E-04	2.00E-02	2.09E-02
1.982	9.11E-04	2.00E-02	2.09E-02
1.980	9.06E-04	2.00E-02	2.09E-02
1.979	9.01E-04	2.00E-02	2.09E-02
1.977	8.96E-04	2.00E-02	2.09E-02
1.975	8.90E-04	2.00E-02	2.09E-02
1.973	8.83E-04	2.00E-02	2.09E-02
1.971	8.76E-04	2.00E-02	2.09E-02
1.969	8.68E-04	2.00E-02	2.09E-02
1.739	1.26E-04	2.00E-02	2.01E-02
1.740	1.28E-04	2.00E-02	2.01E-02
1.741	1.31E-04	2.00E-02	2.01E-02
1.741	1.34E-04	2.00E-02	2.01E-02
1.742	1.37E-04	2.00E-02	2.01E-02
1.743	1.40E-04	2.00E-02	2.01E-02
1.745	1.44E-04	2.00E-02	2.01E-02
1.746	1.49E-04	2.00E-02	2.01E-02
1.747	1.53E-04	2.00E-02	2.02E-02
1.749	1.59E-04	2.00E-02	2.02E-02
1.751	1.65E-04	2.00E-02	2.02E-02
1.753	1.72E-04	2.00E-02	2.02E-02
1.756	1.80E-04	2.00E-02	2.02E-02
1.759	1.89E-04	2.00E-02	2.02E-02
1.762	2.00E-04	2.00E-02	2.02E-02
1.766	2.12E-04	2.00E-02	2.02E-02
1.770	2.26E-04	2.00E-02	2.02E-02
1.775	2.42E-04	2.00E-02	2.02E-02
1.780	2.59E-04	2.00E-02	2.03E-02
1.786	2.80E-04	2.00E-02	2.03E-02
1.794	3.02E-04	2.00E-02	2.03E-02
1.801	3.27E-04	2.00E-02	2.03E-02
1.810	3.56E-04	2.00E-02	2.04E-02
1.820	3.87E-04	2.00E-02	2.04E-02
1.830	4.20E-04	2.00E-02	2.04E-02
1.841	4.56E-04	2.00E-02	2.05E-02
1.853	4.94E-04	2.00E-02	2.05E-02
1.865	5.35E-04	2.00E-02	2.05E-02
1.878	5.76E-04	2.00E-02	2.06E-02
1.891	6.17E-04	2.00E-02	2.06E-02
1.904	6.59E-04	2.00E-02	2.07E-02
1.917	7.00E-04	2.00E-02	2.07E-02
1.929	7.39E-04	2.00E-02	2.07E-02
1.940	7.76E-04	2.00E-02	2.08E-02
1.951	8.11E-04	2.00E-02	2.08E-02
1.961	8.43E-04	2.00E-02	2.08E-02
1.970	8.72E-04	2.00E-02	2.09E-02
1.977	8.97E-04	2.00E-02	2.09E-02
1.984	9.18E-04	2.00E-02	2.09E-02
1.989	9.34E-04	2.00E-02	2.09E-02
1.993	9.48E-04	2.00E-02	2.09E-02

1.997	9.60E-04	2.00E-02	2.10E-02
2.000	9.70E-04	2.00E-02	2.10E-02
2.002	9.76E-04	2.00E-02	2.10E-02
2.003	9.80E-04	2.00E-02	2.10E-02
2.004	9.82E-04	2.00E-02	2.10E-02
2.004	9.83E-04	2.00E-02	2.10E-02
2.004	9.82E-04	2.00E-02	2.10E-02
2.003	9.80E-04	2.00E-02	2.10E-02
2.003	9.78E-04	2.00E-02	2.10E-02
2.001	9.74E-04	2.00E-02	2.10E-02
2.000	9.69E-04	2.00E-02	2.10E-02
1.998	9.64E-04	2.00E-02	2.10E-02
1.996	9.58E-04	2.00E-02	2.10E-02
1.994	9.51E-04	2.00E-02	2.10E-02
1.992	9.44E-04	2.00E-02	2.09E-02
1.990	9.36E-04	2.00E-02	2.09E-02
1.987	9.27E-04	2.00E-02	2.09E-02
1.984	9.18E-04	2.00E-02	2.09E-02
1.981	9.08E-04	2.00E-02	2.09E-02
1.741	1.31E-04	2.00E-02	2.01E-02
1.741	1.34E-04	2.00E-02	2.01E-02
1.742	1.37E-04	2.00E-02	2.01E-02
1.743	1.40E-04	2.00E-02	2.01E-02
1.744	1.43E-04	2.00E-02	2.01E-02
1.745	1.46E-04	2.00E-02	2.01E-02
1.747	1.50E-04	2.00E-02	2.02E-02
1.748	1.55E-04	2.00E-02	2.02E-02
1.749	1.60E-04	2.00E-02	2.02E-02
1.751	1.65E-04	2.00E-02	2.02E-02
1.753	1.71E-04	2.00E-02	2.02E-02
1.755	1.78E-04	2.00E-02	2.02E-02
1.758	1.87E-04	2.00E-02	2.02E-02
1.761	1.96E-04	2.00E-02	2.02E-02
1.764	2.07E-04	2.00E-02	2.02E-02
1.768	2.20E-04	2.00E-02	2.02E-02
1.773	2.34E-04	2.00E-02	2.02E-02
1.778	2.51E-04	2.00E-02	2.03E-02
1.784	2.70E-04	2.00E-02	2.03E-02
1.790	2.92E-04	2.00E-02	2.03E-02
1.798	3.16E-04	2.00E-02	2.03E-02
1.806	3.44E-04	2.00E-02	2.03E-02
1.816	3.75E-04	2.00E-02	2.04E-02
1.826	4.08E-04	2.00E-02	2.04E-02
1.838	4.45E-04	2.00E-02	2.04E-02
1.850	4.85E-04	2.00E-02	2.05E-02
1.863	5.28E-04	2.00E-02	2.05E-02
1.877	5.72E-04	2.00E-02	2.06E-02
1.891	6.18E-04	2.00E-02	2.06E-02
1.906	6.64E-04	2.00E-02	2.07E-02
1.920	7.11E-04	2.00E-02	2.07E-02
1.934	7.56E-04	2.00E-02	2.08E-02
1.947	8.00E-04	2.00E-02	2.08E-02
1.960	8.40E-04	2.00E-02	2.08E-02
1.972	8.79E-04	2.00E-02	2.09E-02
1.983	9.13E-04	2.00E-02	2.09E-02

1.992	9.43E-04	2.00E-02	2.09E-02
2.000	9.69E-04	2.00E-02	2.10E-02
2.006	9.90E-04	2.00E-02	2.10E-02
2.012	1.01E-03	2.00E-02	2.10E-02
2.016	1.02E-03	2.00E-02	2.10E-02
2.020	1.03E-03	2.00E-02	2.10E-02
2.023	1.04E-03	2.00E-02	2.10E-02
2.025	1.05E-03	2.00E-02	2.10E-02
2.026	1.05E-03	2.00E-02	2.11E-02
2.026	1.05E-03	2.00E-02	2.11E-02
2.026	1.05E-03	2.00E-02	2.11E-02
2.025	1.05E-03	2.00E-02	2.11E-02
2.024	1.05E-03	2.00E-02	2.10E-02
2.023	1.04E-03	2.00E-02	2.10E-02
2.022	1.04E-03	2.00E-02	2.10E-02
2.020	1.03E-03	2.00E-02	2.10E-02
2.018	1.03E-03	2.00E-02	2.10E-02
2.015	1.02E-03	2.00E-02	2.10E-02
2.013	1.01E-03	2.00E-02	2.10E-02
2.010	1.00E-03	2.00E-02	2.10E-02
2.007	9.92E-04	2.00E-02	2.10E-02
2.004	9.81E-04	2.00E-02	2.10E-02
2.000	9.70E-04	2.00E-02	2.10E-02
1.996	9.58E-04	2.00E-02	2.10E-02
1.742	1.35E-04	2.00E-02	2.01E-02
1.743	1.38E-04	2.00E-02	2.01E-02
1.743	1.40E-04	2.00E-02	2.01E-02
1.744	1.43E-04	2.00E-02	2.01E-02
1.745	1.46E-04	2.00E-02	2.01E-02
1.746	1.49E-04	2.00E-02	2.01E-02
1.747	1.53E-04	2.00E-02	2.02E-02
1.749	1.57E-04	2.00E-02	2.02E-02
1.750	1.61E-04	2.00E-02	2.02E-02
1.751	1.66E-04	2.00E-02	2.02E-02
1.753	1.72E-04	2.00E-02	2.02E-02
1.755	1.78E-04	2.00E-02	2.02E-02
1.757	1.86E-04	2.00E-02	2.02E-02
1.760	1.94E-04	2.00E-02	2.02E-02
1.763	2.04E-04	2.00E-02	2.02E-02
1.767	2.15E-04	2.00E-02	2.02E-02
1.771	2.29E-04	2.00E-02	2.02E-02
1.775	2.44E-04	2.00E-02	2.02E-02
1.781	2.61E-04	2.00E-02	2.03E-02
1.787	2.82E-04	2.00E-02	2.03E-02
1.794	3.05E-04	2.00E-02	2.03E-02
1.803	3.31E-04	2.00E-02	2.03E-02
1.812	3.62E-04	2.00E-02	2.04E-02
1.822	3.95E-04	2.00E-02	2.04E-02
1.834	4.32E-04	2.00E-02	2.04E-02
1.846	4.72E-04	2.00E-02	2.05E-02
1.860	5.17E-04	2.00E-02	2.05E-02
1.875	5.64E-04	2.00E-02	2.06E-02
1.890	6.14E-04	2.00E-02	2.06E-02
1.906	6.65E-04	2.00E-02	2.07E-02
1.922	7.17E-04	2.00E-02	2.07E-02

1.938	7.69E-04	2.00E-02	2.08E-02
1.953	8.19E-04	2.00E-02	2.08E-02
1.968	8.67E-04	2.00E-02	2.09E-02
1.983	9.13E-04	2.00E-02	2.09E-02
1.995	9.55E-04	2.00E-02	2.10E-02
2.007	9.91E-04	2.00E-02	2.10E-02
2.017	1.02E-03	2.00E-02	2.10E-02
2.025	1.05E-03	2.00E-02	2.10E-02
2.032	1.07E-03	2.00E-02	2.11E-02
2.037	1.09E-03	2.00E-02	2.11E-02
2.042	1.11E-03	2.00E-02	2.11E-02
2.046	1.12E-03	2.00E-02	2.11E-02
2.048	1.12E-03	2.00E-02	2.11E-02
2.050	1.13E-03	2.00E-02	2.11E-02
2.050	1.13E-03	2.00E-02	2.11E-02
2.050	1.13E-03	2.00E-02	2.11E-02
2.050	1.13E-03	2.00E-02	2.11E-02
2.049	1.13E-03	2.00E-02	2.11E-02
2.048	1.12E-03	2.00E-02	2.11E-02
2.046	1.12E-03	2.00E-02	2.11E-02
2.044	1.11E-03	2.00E-02	2.11E-02
2.042	1.10E-03	2.00E-02	2.11E-02
2.039	1.10E-03	2.00E-02	2.11E-02
2.036	1.09E-03	2.00E-02	2.11E-02
2.033	1.08E-03	2.00E-02	2.11E-02
2.029	1.06E-03	2.00E-02	2.11E-02
2.025	1.05E-03	2.00E-02	2.11E-02
2.021	1.04E-03	2.00E-02	2.10E-02
2.017	1.02E-03	2.00E-02	2.10E-02
2.013	1.01E-03	2.00E-02	2.10E-02
2.008	9.95E-04	2.00E-02	2.10E-02
1.743	1.39E-04	2.00E-02	2.01E-02
1.744	1.42E-04	2.00E-02	2.01E-02
1.745	1.44E-04	2.00E-02	2.01E-02
1.746	1.47E-04	2.00E-02	2.01E-02
1.746	1.50E-04	2.00E-02	2.01E-02
1.747	1.53E-04	2.00E-02	2.02E-02
1.748	1.57E-04	2.00E-02	2.02E-02
1.750	1.60E-04	2.00E-02	2.02E-02
1.751	1.64E-04	2.00E-02	2.02E-02
1.752	1.69E-04	2.00E-02	2.02E-02
1.754	1.74E-04	2.00E-02	2.02E-02
1.756	1.79E-04	2.00E-02	2.02E-02
1.758	1.86E-04	2.00E-02	2.02E-02
1.760	1.93E-04	2.00E-02	2.02E-02
1.763	2.02E-04	2.00E-02	2.02E-02
1.766	2.12E-04	2.00E-02	2.02E-02
1.769	2.24E-04	2.00E-02	2.02E-02
1.774	2.38E-04	2.00E-02	2.02E-02
1.779	2.54E-04	2.00E-02	2.03E-02
1.784	2.72E-04	2.00E-02	2.03E-02
1.791	2.94E-04	2.00E-02	2.03E-02
1.799	3.19E-04	2.00E-02	2.03E-02
1.808	3.48E-04	2.00E-02	2.03E-02
1.818	3.81E-04	2.00E-02	2.04E-02

1.829	4.17E-04	2.00E-02	2.04E-02
1.842	4.58E-04	2.00E-02	2.05E-02
1.856	5.03E-04	2.00E-02	2.05E-02
1.871	5.52E-04	2.00E-02	2.06E-02
1.887	6.05E-04	2.00E-02	2.06E-02
1.904	6.59E-04	2.00E-02	2.07E-02
1.922	7.17E-04	2.00E-02	2.07E-02
1.940	7.76E-04	2.00E-02	2.08E-02
1.958	8.34E-04	2.00E-02	2.08E-02
1.975	8.90E-04	2.00E-02	2.09E-02
1.992	9.44E-04	2.00E-02	2.09E-02
2.008	9.95E-04	2.00E-02	2.10E-02
2.022	1.04E-03	2.00E-02	2.10E-02
2.034	1.08E-03	2.00E-02	2.11E-02
2.045	1.11E-03	2.00E-02	2.11E-02
2.053	1.14E-03	2.00E-02	2.11E-02
2.060	1.16E-03	2.00E-02	2.12E-02
2.066	1.18E-03	2.00E-02	2.12E-02
2.071	1.20E-03	2.00E-02	2.12E-02
2.074	1.21E-03	2.00E-02	2.12E-02
2.076	1.22E-03	2.00E-02	2.12E-02
2.078	1.22E-03	2.00E-02	2.12E-02
2.078	1.22E-03	2.00E-02	2.12E-02
2.078	1.22E-03	2.00E-02	2.12E-02
2.077	1.22E-03	2.00E-02	2.12E-02
2.076	1.21E-03	2.00E-02	2.12E-02
2.074	1.21E-03	2.00E-02	2.12E-02
2.072	1.20E-03	2.00E-02	2.12E-02
2.069	1.19E-03	2.00E-02	2.12E-02
2.066	1.18E-03	2.00E-02	2.12E-02
2.062	1.17E-03	2.00E-02	2.12E-02
2.058	1.16E-03	2.00E-02	2.12E-02
2.054	1.15E-03	2.00E-02	2.11E-02
2.050	1.13E-03	2.00E-02	2.11E-02
2.045	1.12E-03	2.00E-02	2.11E-02
2.040	1.10E-03	2.00E-02	2.11E-02
2.035	1.08E-03	2.00E-02	2.11E-02
2.030	1.07E-03	2.00E-02	2.11E-02
2.024	1.05E-03	2.00E-02	2.10E-02
2.018	1.03E-03	2.00E-02	2.10E-02
1.745	1.46E-04	2.00E-02	2.01E-02
1.746	1.49E-04	2.00E-02	2.01E-02
1.747	1.52E-04	2.00E-02	2.02E-02
1.748	1.55E-04	2.00E-02	2.02E-02
1.749	1.58E-04	2.00E-02	2.02E-02
1.750	1.61E-04	2.00E-02	2.02E-02
1.751	1.64E-04	2.00E-02	2.02E-02
1.752	1.68E-04	2.00E-02	2.02E-02
1.753	1.72E-04	2.00E-02	2.02E-02
1.755	1.77E-04	2.00E-02	2.02E-02
1.756	1.82E-04	2.00E-02	2.02E-02
1.758	1.88E-04	2.00E-02	2.02E-02
1.760	1.94E-04	2.00E-02	2.02E-02
1.762	2.02E-04	2.00E-02	2.02E-02
1.765	2.11E-04	2.00E-02	2.02E-02

1.768	2.21E-04	2.00E-02	2.02E-02
1.772	2.33E-04	2.00E-02	2.02E-02
1.777	2.48E-04	2.00E-02	2.02E-02
1.782	2.64E-04	2.00E-02	2.03E-02
1.788	2.84E-04	2.00E-02	2.03E-02
1.795	3.07E-04	2.00E-02	2.03E-02
1.804	3.35E-04	2.00E-02	2.03E-02
1.813	3.66E-04	2.00E-02	2.04E-02
1.824	4.01E-04	2.00E-02	2.04E-02
1.836	4.41E-04	2.00E-02	2.04E-02
1.850	4.86E-04	2.00E-02	2.05E-02
1.866	5.37E-04	2.00E-02	2.05E-02
1.883	5.91E-04	2.00E-02	2.06E-02
1.901	6.50E-04	2.00E-02	2.06E-02
1.920	7.12E-04	2.00E-02	2.07E-02
1.940	7.76E-04	2.00E-02	2.08E-02
1.961	8.42E-04	2.00E-02	2.08E-02
1.981	9.08E-04	2.00E-02	2.09E-02
2.001	9.71E-04	2.00E-02	2.10E-02
2.019	1.03E-03	2.00E-02	2.10E-02
2.036	1.09E-03	2.00E-02	2.11E-02
2.052	1.14E-03	2.00E-02	2.11E-02
2.066	1.18E-03	2.00E-02	2.12E-02
2.076	1.22E-03	2.00E-02	2.12E-02
2.085	1.25E-03	2.00E-02	2.12E-02
2.093	1.27E-03	2.00E-02	2.13E-02
2.099	1.29E-03	2.00E-02	2.13E-02
2.103	1.30E-03	2.00E-02	2.13E-02
2.106	1.31E-03	2.00E-02	2.13E-02
2.108	1.32E-03	2.00E-02	2.13E-02
2.109	1.32E-03	2.00E-02	2.13E-02
2.109	1.32E-03	2.00E-02	2.13E-02
2.109	1.32E-03	2.00E-02	2.13E-02
2.107	1.32E-03	2.00E-02	2.13E-02
2.105	1.31E-03	2.00E-02	2.13E-02
2.103	1.30E-03	2.00E-02	2.13E-02
2.099	1.29E-03	2.00E-02	2.13E-02
2.096	1.28E-03	2.00E-02	2.13E-02
2.092	1.27E-03	2.00E-02	2.13E-02
2.087	1.25E-03	2.00E-02	2.13E-02
2.083	1.24E-03	2.00E-02	2.12E-02
2.077	1.22E-03	2.00E-02	2.12E-02
2.072	1.20E-03	2.00E-02	2.12E-02
2.066	1.18E-03	2.00E-02	2.12E-02
2.060	1.16E-03	2.00E-02	2.12E-02
2.054	1.14E-03	2.00E-02	2.11E-02
2.047	1.12E-03	2.00E-02	2.11E-02
2.040	1.10E-03	2.00E-02	2.11E-02
2.034	1.08E-03	2.00E-02	2.11E-02
1.747	1.51E-04	2.00E-02	2.02E-02
1.748	1.54E-04	2.00E-02	2.02E-02
1.749	1.57E-04	2.00E-02	2.02E-02
1.749	1.60E-04	2.00E-02	2.02E-02
1.750	1.63E-04	2.00E-02	2.02E-02
1.751	1.66E-04	2.00E-02	2.02E-02

1.752	1.70E-04	2.00E-02	2.02E-02
1.754	1.73E-04	2.00E-02	2.02E-02
1.755	1.77E-04	2.00E-02	2.02E-02
1.756	1.81E-04	2.00E-02	2.02E-02
1.758	1.86E-04	2.00E-02	2.02E-02
1.759	1.91E-04	2.00E-02	2.02E-02
1.761	1.97E-04	2.00E-02	2.02E-02
1.763	2.04E-04	2.00E-02	2.02E-02
1.765	2.11E-04	2.00E-02	2.02E-02
1.768	2.21E-04	2.00E-02	2.02E-02
1.772	2.31E-04	2.00E-02	2.02E-02
1.775	2.44E-04	2.00E-02	2.02E-02
1.780	2.59E-04	2.00E-02	2.03E-02
1.785	2.76E-04	2.00E-02	2.03E-02
1.792	2.97E-04	2.00E-02	2.03E-02
1.800	3.22E-04	2.00E-02	2.03E-02
1.809	3.51E-04	2.00E-02	2.04E-02
1.819	3.85E-04	2.00E-02	2.04E-02
1.831	4.23E-04	2.00E-02	2.04E-02
1.845	4.67E-04	2.00E-02	2.05E-02
1.860	5.18E-04	2.00E-02	2.05E-02
1.877	5.73E-04	2.00E-02	2.06E-02
1.896	6.35E-04	2.00E-02	2.06E-02
1.917	7.01E-04	2.00E-02	2.07E-02
1.939	7.71E-04	2.00E-02	2.08E-02
1.961	8.44E-04	2.00E-02	2.08E-02
1.984	9.19E-04	2.00E-02	2.09E-02
2.007	9.93E-04	2.00E-02	2.10E-02
2.030	1.06E-03	2.00E-02	2.11E-02
2.050	1.13E-03	2.00E-02	2.11E-02
2.069	1.19E-03	2.00E-02	2.12E-02
2.087	1.25E-03	2.00E-02	2.12E-02
2.101	1.30E-03	2.00E-02	2.13E-02
2.112	1.33E-03	2.00E-02	2.13E-02
2.123	1.37E-03	2.00E-02	2.14E-02
2.131	1.39E-03	2.00E-02	2.14E-02
2.137	1.41E-03	2.00E-02	2.14E-02
2.141	1.42E-03	2.00E-02	2.14E-02
2.143	1.43E-03	2.00E-02	2.14E-02
2.145	1.44E-03	2.00E-02	2.14E-02
2.145	1.44E-03	2.00E-02	2.14E-02
2.145	1.44E-03	2.00E-02	2.14E-02
2.143	1.43E-03	2.00E-02	2.14E-02
2.141	1.43E-03	2.00E-02	2.14E-02
2.138	1.42E-03	2.00E-02	2.14E-02
2.134	1.40E-03	2.00E-02	2.14E-02
2.130	1.39E-03	2.00E-02	2.14E-02
2.126	1.38E-03	2.00E-02	2.14E-02
2.120	1.36E-03	2.00E-02	2.14E-02
2.114	1.34E-03	2.00E-02	2.13E-02
2.108	1.32E-03	2.00E-02	2.13E-02
2.102	1.30E-03	2.00E-02	2.13E-02
2.095	1.28E-03	2.00E-02	2.13E-02
2.088	1.25E-03	2.00E-02	2.13E-02
2.080	1.23E-03	2.00E-02	2.12E-02



2.073	1.20E-03	2.00E-02	2.12E-02
2.065	1.18E-03	2.00E-02	2.12E-02
2.057	1.15E-03	2.00E-02	2.12E-02
2.049	1.13E-03	2.00E-02	2.11E-02
2.041	1.10E-03	2.00E-02	2.11E-02
1.749	1.59E-04	2.00E-02	2.02E-02
1.750	1.63E-04	2.00E-02	2.02E-02
1.751	1.66E-04	2.00E-02	2.02E-02
1.752	1.69E-04	2.00E-02	2.02E-02
1.753	1.72E-04	2.00E-02	2.02E-02
1.754	1.76E-04	2.00E-02	2.02E-02
1.755	1.79E-04	2.00E-02	2.02E-02
1.757	1.83E-04	2.00E-02	2.02E-02
1.758	1.87E-04	2.00E-02	2.02E-02
1.759	1.91E-04	2.00E-02	2.02E-02
1.761	1.96E-04	2.00E-02	2.02E-02
1.762	2.01E-04	2.00E-02	2.02E-02
1.764	2.07E-04	2.00E-02	2.02E-02
1.766	2.14E-04	2.00E-02	2.02E-02
1.769	2.22E-04	2.00E-02	2.02E-02
1.772	2.31E-04	2.00E-02	2.02E-02
1.775	2.42E-04	2.00E-02	2.02E-02
1.779	2.55E-04	2.00E-02	2.03E-02
1.784	2.71E-04	2.00E-02	2.03E-02
1.789	2.89E-04	2.00E-02	2.03E-02
1.796	3.11E-04	2.00E-02	2.03E-02
1.805	3.38E-04	2.00E-02	2.03E-02
1.814	3.69E-04	2.00E-02	2.04E-02
1.825	4.05E-04	2.00E-02	2.04E-02
1.839	4.48E-04	2.00E-02	2.04E-02
1.854	4.96E-04	2.00E-02	2.05E-02
1.871	5.51E-04	2.00E-02	2.06E-02
1.890	6.13E-04	2.00E-02	2.06E-02
1.911	6.83E-04	2.00E-02	2.07E-02
1.934	7.58E-04	2.00E-02	2.08E-02
1.959	8.38E-04	2.00E-02	2.08E-02
1.985	9.21E-04	2.00E-02	2.09E-02
2.012	1.01E-03	2.00E-02	2.10E-02
2.038	1.09E-03	2.00E-02	2.11E-02
2.063	1.17E-03	2.00E-02	2.12E-02
2.087	1.25E-03	2.00E-02	2.12E-02
2.108	1.32E-03	2.00E-02	2.13E-02
2.126	1.38E-03	2.00E-02	2.14E-02
2.142	1.43E-03	2.00E-02	2.14E-02
2.155	1.47E-03	2.00E-02	2.15E-02
2.166	1.51E-03	2.00E-02	2.15E-02
2.174	1.53E-03	2.00E-02	2.15E-02
2.180	1.55E-03	2.00E-02	2.16E-02
2.184	1.56E-03	2.00E-02	2.16E-02
2.185	1.57E-03	2.00E-02	2.16E-02
2.186	1.57E-03	2.00E-02	2.16E-02
2.186	1.57E-03	2.00E-02	2.16E-02
2.185	1.57E-03	2.00E-02	2.16E-02
2.182	1.56E-03	2.00E-02	2.16E-02
2.179	1.55E-03	2.00E-02	2.15E-02

2.175	1.53E-03	2.00E-02	2.15E-02
2.170	1.52E-03	2.00E-02	2.15E-02
2.164	1.50E-03	2.00E-02	2.15E-02
2.158	1.48E-03	2.00E-02	2.15E-02
2.151	1.46E-03	2.00E-02	2.15E-02
2.144	1.43E-03	2.00E-02	2.14E-02
2.136	1.41E-03	2.00E-02	2.14E-02
2.127	1.38E-03	2.00E-02	2.14E-02
2.119	1.35E-03	2.00E-02	2.14E-02
2.110	1.33E-03	2.00E-02	2.13E-02
2.101	1.30E-03	2.00E-02	2.13E-02
2.092	1.27E-03	2.00E-02	2.13E-02
2.083	1.24E-03	2.00E-02	2.12E-02
2.074	1.21E-03	2.00E-02	2.12E-02
2.065	1.18E-03	2.00E-02	2.12E-02
2.055	1.15E-03	2.00E-02	2.11E-02
2.046	1.12E-03	2.00E-02	2.11E-02
1.751	1.65E-04	2.00E-02	2.02E-02
1.752	1.68E-04	2.00E-02	2.02E-02
1.753	1.72E-04	2.00E-02	2.02E-02
1.754	1.75E-04	2.00E-02	2.02E-02
1.755	1.79E-04	2.00E-02	2.02E-02
1.756	1.82E-04	2.00E-02	2.02E-02
1.757	1.86E-04	2.00E-02	2.02E-02
1.759	1.90E-04	2.00E-02	2.02E-02
1.760	1.94E-04	2.00E-02	2.02E-02
1.761	1.98E-04	2.00E-02	2.02E-02
1.763	2.02E-04	2.00E-02	2.02E-02
1.764	2.07E-04	2.00E-02	2.02E-02
1.766	2.13E-04	2.00E-02	2.02E-02
1.768	2.19E-04	2.00E-02	2.02E-02
1.770	2.26E-04	2.00E-02	2.02E-02
1.772	2.34E-04	2.00E-02	2.02E-02
1.775	2.43E-04	2.00E-02	2.02E-02
1.779	2.54E-04	2.00E-02	2.03E-02
1.783	2.68E-04	2.00E-02	2.03E-02
1.788	2.84E-04	2.00E-02	2.03E-02
1.794	3.03E-04	2.00E-02	2.03E-02
1.801	3.27E-04	2.00E-02	2.03E-02
1.810	3.55E-04	2.00E-02	2.04E-02
1.820	3.89E-04	2.00E-02	2.04E-02
1.833	4.28E-04	2.00E-02	2.04E-02
1.847	4.74E-04	2.00E-02	2.05E-02
1.863	5.28E-04	2.00E-02	2.05E-02
1.882	5.88E-04	2.00E-02	2.06E-02
1.904	6.58E-04	2.00E-02	2.07E-02
1.928	7.36E-04	2.00E-02	2.07E-02
1.954	8.22E-04	2.00E-02	2.08E-02
1.983	9.14E-04	2.00E-02	2.09E-02
2.013	1.01E-03	2.00E-02	2.10E-02
2.043	1.11E-03	2.00E-02	2.11E-02
2.073	1.21E-03	2.00E-02	2.12E-02
2.102	1.30E-03	2.00E-02	2.13E-02
2.129	1.39E-03	2.00E-02	2.14E-02
2.153	1.46E-03	2.00E-02	2.15E-02

2.173	1.53E-03	2.00E-02	2.15E-02
2.191	1.59E-03	2.00E-02	2.16E-02
2.205	1.63E-03	2.00E-02	2.16E-02
2.216	1.67E-03	2.00E-02	2.17E-02
2.224	1.69E-03	2.00E-02	2.17E-02
2.230	1.71E-03	2.00E-02	2.17E-02
2.233	1.72E-03	2.00E-02	2.17E-02
2.234	1.73E-03	2.00E-02	2.17E-02
2.234	1.73E-03	2.00E-02	2.17E-02
2.233	1.72E-03	2.00E-02	2.17E-02
2.230	1.71E-03	2.00E-02	2.17E-02
2.226	1.70E-03	2.00E-02	2.17E-02
2.221	1.68E-03	2.00E-02	2.17E-02
2.215	1.67E-03	2.00E-02	2.17E-02
2.208	1.64E-03	2.00E-02	2.16E-02
2.201	1.62E-03	2.00E-02	2.16E-02
2.193	1.59E-03	2.00E-02	2.16E-02
2.184	1.56E-03	2.00E-02	2.16E-02
2.174	1.53E-03	2.00E-02	2.15E-02
2.165	1.50E-03	2.00E-02	2.15E-02
2.154	1.47E-03	2.00E-02	2.15E-02
2.144	1.43E-03	2.00E-02	2.14E-02
2.133	1.40E-03	2.00E-02	2.14E-02
2.123	1.37E-03	2.00E-02	2.14E-02
2.112	1.33E-03	2.00E-02	2.13E-02
2.101	1.30E-03	2.00E-02	2.13E-02
2.090	1.26E-03	2.00E-02	2.13E-02
2.080	1.23E-03	2.00E-02	2.12E-02
2.069	1.19E-03	2.00E-02	2.12E-02
2.059	1.16E-03	2.00E-02	2.12E-02
1.754	1.75E-04	2.00E-02	2.02E-02
1.755	1.78E-04	2.00E-02	2.02E-02
1.756	1.82E-04	2.00E-02	2.02E-02
1.757	1.86E-04	2.00E-02	2.02E-02
1.759	1.89E-04	2.00E-02	2.02E-02
1.760	1.93E-04	2.00E-02	2.02E-02
1.761	1.97E-04	2.00E-02	2.02E-02
1.762	2.01E-04	2.00E-02	2.02E-02
1.764	2.06E-04	2.00E-02	2.02E-02
1.765	2.10E-04	2.00E-02	2.02E-02
1.766	2.15E-04	2.00E-02	2.02E-02
1.768	2.20E-04	2.00E-02	2.02E-02
1.770	2.26E-04	2.00E-02	2.02E-02
1.772	2.32E-04	2.00E-02	2.02E-02
1.774	2.39E-04	2.00E-02	2.02E-02
1.777	2.47E-04	2.00E-02	2.02E-02
1.779	2.57E-04	2.00E-02	2.03E-02
1.783	2.68E-04	2.00E-02	2.03E-02
1.787	2.82E-04	2.00E-02	2.03E-02
1.792	2.99E-04	2.00E-02	2.03E-02
1.799	3.20E-04	2.00E-02	2.03E-02
1.807	3.44E-04	2.00E-02	2.03E-02
1.816	3.74E-04	2.00E-02	2.04E-02
1.827	4.10E-04	2.00E-02	2.04E-02
1.840	4.53E-04	2.00E-02	2.05E-02

1.856	5.04E-04	2.00E-02	2.05E-02
1.874	5.62E-04	2.00E-02	2.06E-02
1.895	6.30E-04	2.00E-02	2.06E-02
1.919	7.08E-04	2.00E-02	2.07E-02
1.947	7.97E-04	2.00E-02	2.08E-02
1.977	8.96E-04	2.00E-02	2.09E-02
2.010	1.00E-03	2.00E-02	2.10E-02
2.045	1.11E-03	2.00E-02	2.11E-02
2.080	1.23E-03	2.00E-02	2.12E-02
2.115	1.34E-03	2.00E-02	2.13E-02
2.148	1.45E-03	2.00E-02	2.14E-02
2.179	1.55E-03	2.00E-02	2.15E-02
2.206	1.64E-03	2.00E-02	2.16E-02
2.229	1.71E-03	2.00E-02	2.17E-02
2.248	1.77E-03	2.00E-02	2.18E-02
2.263	1.82E-03	2.00E-02	2.18E-02
2.275	1.86E-03	2.00E-02	2.19E-02
2.283	1.89E-03	2.00E-02	2.19E-02
2.288	1.90E-03	2.00E-02	2.19E-02
2.290	1.91E-03	2.00E-02	2.19E-02
2.291	1.91E-03	2.00E-02	2.19E-02
2.289	1.90E-03	2.00E-02	2.19E-02
2.286	1.89E-03	2.00E-02	2.19E-02
2.281	1.88E-03	2.00E-02	2.19E-02
2.275	1.86E-03	2.00E-02	2.19E-02
2.268	1.84E-03	2.00E-02	2.18E-02
2.260	1.81E-03	2.00E-02	2.18E-02
2.251	1.78E-03	2.00E-02	2.18E-02
2.241	1.75E-03	2.00E-02	2.17E-02
2.230	1.71E-03	2.00E-02	2.17E-02
2.219	1.68E-03	2.00E-02	2.17E-02
2.207	1.64E-03	2.00E-02	2.16E-02
2.195	1.60E-03	2.00E-02	2.16E-02
2.182	1.56E-03	2.00E-02	2.16E-02
2.170	1.52E-03	2.00E-02	2.15E-02
2.157	1.48E-03	2.00E-02	2.15E-02
2.144	1.44E-03	2.00E-02	2.14E-02
2.131	1.39E-03	2.00E-02	2.14E-02
2.119	1.35E-03	2.00E-02	2.14E-02
2.106	1.31E-03	2.00E-02	2.13E-02
2.094	1.27E-03	2.00E-02	2.13E-02
2.082	1.23E-03	2.00E-02	2.12E-02
2.070	1.20E-03	2.00E-02	2.12E-02
2.059	1.16E-03	2.00E-02	2.12E-02
1.756	1.81E-04	2.00E-02	2.02E-02
1.757	1.85E-04	2.00E-02	2.02E-02
1.759	1.89E-04	2.00E-02	2.02E-02
1.760	1.93E-04	2.00E-02	2.02E-02
1.761	1.97E-04	2.00E-02	2.02E-02
1.762	2.02E-04	2.00E-02	2.02E-02
1.764	2.06E-04	2.00E-02	2.02E-02
1.765	2.10E-04	2.00E-02	2.02E-02
1.766	2.15E-04	2.00E-02	2.02E-02
1.768	2.19E-04	2.00E-02	2.02E-02
1.769	2.24E-04	2.00E-02	2.02E-02

1.771	2.29E-04	2.00E-02	2.02E-02
1.772	2.34E-04	2.00E-02	2.02E-02
1.774	2.40E-04	2.00E-02	2.02E-02
1.776	2.47E-04	2.00E-02	2.02E-02
1.779	2.54E-04	2.00E-02	2.03E-02
1.781	2.62E-04	2.00E-02	2.03E-02
1.784	2.72E-04	2.00E-02	2.03E-02
1.788	2.84E-04	2.00E-02	2.03E-02
1.792	2.98E-04	2.00E-02	2.03E-02
1.798	3.16E-04	2.00E-02	2.03E-02
1.804	3.37E-04	2.00E-02	2.03E-02
1.812	3.63E-04	2.00E-02	2.04E-02
1.822	3.95E-04	2.00E-02	2.04E-02
1.834	4.34E-04	2.00E-02	2.04E-02
1.849	4.80E-04	2.00E-02	2.05E-02
1.866	5.35E-04	2.00E-02	2.05E-02
1.886	6.00E-04	2.00E-02	2.06E-02
1.909	6.77E-04	2.00E-02	2.07E-02
1.937	7.65E-04	2.00E-02	2.08E-02
1.968	8.66E-04	2.00E-02	2.09E-02
2.003	9.80E-04	2.00E-02	2.10E-02
2.042	1.10E-03	2.00E-02	2.11E-02
2.082	1.23E-03	2.00E-02	2.12E-02
2.123	1.37E-03	2.00E-02	2.14E-02
2.165	1.50E-03	2.00E-02	2.15E-02
2.204	1.63E-03	2.00E-02	2.16E-02
2.239	1.74E-03	2.00E-02	2.17E-02
2.270	1.84E-03	2.00E-02	2.18E-02
2.296	1.93E-03	2.00E-02	2.19E-02
2.317	1.99E-03	2.00E-02	2.20E-02
2.334	2.05E-03	2.00E-02	2.20E-02
2.346	2.09E-03	2.00E-02	2.21E-02
2.353	2.11E-03	2.00E-02	2.21E-02
2.357	2.12E-03	2.00E-02	2.21E-02
2.358	2.13E-03	2.00E-02	2.21E-02
2.356	2.12E-03	2.00E-02	2.21E-02
2.353	2.11E-03	2.00E-02	2.21E-02
2.347	2.09E-03	2.00E-02	2.21E-02
2.339	2.07E-03	2.00E-02	2.21E-02
2.331	2.04E-03	2.00E-02	2.20E-02
2.320	2.00E-03	2.00E-02	2.20E-02
2.309	1.97E-03	2.00E-02	2.20E-02
2.296	1.93E-03	2.00E-02	2.19E-02
2.283	1.88E-03	2.00E-02	2.19E-02
2.269	1.84E-03	2.00E-02	2.18E-02
2.255	1.79E-03	2.00E-02	2.18E-02
2.240	1.75E-03	2.00E-02	2.17E-02
2.226	1.70E-03	2.00E-02	2.17E-02
2.210	1.65E-03	2.00E-02	2.16E-02
2.195	1.60E-03	2.00E-02	2.16E-02
2.180	1.55E-03	2.00E-02	2.16E-02
2.165	1.50E-03	2.00E-02	2.15E-02
2.150	1.45E-03	2.00E-02	2.15E-02
2.136	1.41E-03	2.00E-02	2.14E-02
2.122	1.36E-03	2.00E-02	2.14E-02

2.108	1.32E-03	2.00E-02	2.13E-02
2.094	1.27E-03	2.00E-02	2.13E-02
2.081	1.23E-03	2.00E-02	2.12E-02
2.068	1.19E-03	2.00E-02	2.12E-02
1.759	1.92E-04	2.00E-02	2.02E-02
1.761	1.97E-04	2.00E-02	2.02E-02
1.762	2.01E-04	2.00E-02	2.02E-02
1.764	2.06E-04	2.00E-02	2.02E-02
1.765	2.10E-04	2.00E-02	2.02E-02
1.766	2.15E-04	2.00E-02	2.02E-02
1.768	2.20E-04	2.00E-02	2.02E-02
1.769	2.24E-04	2.00E-02	2.02E-02
1.771	2.29E-04	2.00E-02	2.02E-02
1.772	2.34E-04	2.00E-02	2.02E-02
1.774	2.39E-04	2.00E-02	2.02E-02
1.776	2.44E-04	2.00E-02	2.02E-02
1.777	2.50E-04	2.00E-02	2.03E-02
1.779	2.57E-04	2.00E-02	2.03E-02
1.781	2.63E-04	2.00E-02	2.03E-02
1.784	2.71E-04	2.00E-02	2.03E-02
1.786	2.79E-04	2.00E-02	2.03E-02
1.790	2.90E-04	2.00E-02	2.03E-02
1.793	3.02E-04	2.00E-02	2.03E-02
1.798	3.17E-04	2.00E-02	2.03E-02
1.804	3.35E-04	2.00E-02	2.03E-02
1.811	3.57E-04	2.00E-02	2.04E-02
1.819	3.85E-04	2.00E-02	2.04E-02
1.830	4.19E-04	2.00E-02	2.04E-02
1.842	4.60E-04	2.00E-02	2.05E-02
1.858	5.10E-04	2.00E-02	2.05E-02
1.877	5.71E-04	2.00E-02	2.06E-02
1.899	6.43E-04	2.00E-02	2.06E-02
1.926	7.29E-04	2.00E-02	2.07E-02
1.957	8.29E-04	2.00E-02	2.08E-02
1.992	9.45E-04	2.00E-02	2.09E-02
2.033	1.08E-03	2.00E-02	2.11E-02
2.078	1.22E-03	2.00E-02	2.12E-02
2.125	1.37E-03	2.00E-02	2.14E-02
2.175	1.54E-03	2.00E-02	2.15E-02
2.224	1.69E-03	2.00E-02	2.17E-02
2.271	1.85E-03	2.00E-02	2.18E-02
2.312	1.98E-03	2.00E-02	2.20E-02
2.348	2.09E-03	2.00E-02	2.21E-02
2.377	2.19E-03	2.00E-02	2.22E-02
2.401	2.27E-03	2.00E-02	2.23E-02
2.418	2.32E-03	2.00E-02	2.23E-02
2.430	2.36E-03	2.00E-02	2.24E-02
2.436	2.38E-03	2.00E-02	2.24E-02
2.439	2.39E-03	2.00E-02	2.24E-02
2.437	2.38E-03	2.00E-02	2.24E-02
2.433	2.37E-03	2.00E-02	2.24E-02
2.426	2.34E-03	2.00E-02	2.23E-02
2.416	2.31E-03	2.00E-02	2.23E-02
2.405	2.28E-03	2.00E-02	2.23E-02
2.392	2.24E-03	2.00E-02	2.22E-02

2.377	2.19E-03	2.00E-02	2.22E-02
2.362	2.14E-03	2.00E-02	2.21E-02
2.345	2.09E-03	2.00E-02	2.21E-02
2.328	2.03E-03	2.00E-02	2.20E-02
2.311	1.97E-03	2.00E-02	2.20E-02
2.293	1.92E-03	2.00E-02	2.19E-02
2.275	1.86E-03	2.00E-02	2.19E-02
2.256	1.80E-03	2.00E-02	2.18E-02
2.238	1.74E-03	2.00E-02	2.17E-02
2.220	1.68E-03	2.00E-02	2.17E-02
2.203	1.62E-03	2.00E-02	2.16E-02
2.185	1.57E-03	2.00E-02	2.16E-02
2.168	1.51E-03	2.00E-02	2.15E-02
2.151	1.46E-03	2.00E-02	2.15E-02
2.135	1.41E-03	2.00E-02	2.14E-02
2.120	1.36E-03	2.00E-02	2.14E-02
2.105	1.31E-03	2.00E-02	2.13E-02
2.090	1.26E-03	2.00E-02	2.13E-02
2.076	1.22E-03	2.00E-02	2.12E-02
1.762	2.00E-04	2.00E-02	2.02E-02
1.763	2.04E-04	2.00E-02	2.02E-02
1.765	2.09E-04	2.00E-02	2.02E-02
1.766	2.14E-04	2.00E-02	2.02E-02
1.768	2.19E-04	2.00E-02	2.02E-02
1.769	2.24E-04	2.00E-02	2.02E-02
1.771	2.30E-04	2.00E-02	2.02E-02
1.773	2.35E-04	2.00E-02	2.02E-02
1.774	2.40E-04	2.00E-02	2.02E-02
1.776	2.46E-04	2.00E-02	2.02E-02
1.778	2.51E-04	2.00E-02	2.03E-02
1.779	2.57E-04	2.00E-02	2.03E-02
1.781	2.62E-04	2.00E-02	2.03E-02
1.783	2.69E-04	2.00E-02	2.03E-02
1.785	2.75E-04	2.00E-02	2.03E-02
1.787	2.83E-04	2.00E-02	2.03E-02
1.790	2.90E-04	2.00E-02	2.03E-02
1.793	2.99E-04	2.00E-02	2.03E-02
1.796	3.10E-04	2.00E-02	2.03E-02
1.800	3.23E-04	2.00E-02	2.03E-02
1.805	3.39E-04	2.00E-02	2.03E-02
1.811	3.57E-04	2.00E-02	2.04E-02
1.818	3.80E-04	2.00E-02	2.04E-02
1.827	4.09E-04	2.00E-02	2.04E-02
1.838	4.45E-04	2.00E-02	2.04E-02
1.851	4.90E-04	2.00E-02	2.05E-02
1.868	5.44E-04	2.00E-02	2.05E-02
1.889	6.11E-04	2.00E-02	2.06E-02
1.914	6.92E-04	2.00E-02	2.07E-02
1.944	7.89E-04	2.00E-02	2.08E-02
1.980	9.03E-04	2.00E-02	2.09E-02
2.021	1.04E-03	2.00E-02	2.10E-02
2.068	1.19E-03	2.00E-02	2.12E-02
2.121	1.36E-03	2.00E-02	2.14E-02
2.177	1.54E-03	2.00E-02	2.15E-02
2.238	1.74E-03	2.00E-02	2.17E-02

2.298	1.93E-03	2.00E-02	2.19E-02
2.354	2.11E-03	2.00E-02	2.21E-02
2.403	2.27E-03	2.00E-02	2.23E-02
2.445	2.41E-03	2.00E-02	2.24E-02
2.478	2.52E-03	2.00E-02	2.25E-02
2.504	2.60E-03	2.00E-02	2.26E-02
2.521	2.65E-03	2.00E-02	2.27E-02
2.532	2.69E-03	2.00E-02	2.27E-02
2.537	2.70E-03	2.00E-02	2.27E-02
2.536	2.70E-03	2.00E-02	2.27E-02
2.530	2.68E-03	2.00E-02	2.27E-02
2.521	2.65E-03	2.00E-02	2.27E-02
2.509	2.61E-03	2.00E-02	2.26E-02
2.494	2.57E-03	2.00E-02	2.26E-02
2.478	2.51E-03	2.00E-02	2.25E-02
2.459	2.45E-03	2.00E-02	2.25E-02
2.439	2.39E-03	2.00E-02	2.24E-02
2.418	2.32E-03	2.00E-02	2.23E-02
2.397	2.25E-03	2.00E-02	2.23E-02
2.375	2.18E-03	2.00E-02	2.22E-02
2.353	2.11E-03	2.00E-02	2.21E-02
2.331	2.04E-03	2.00E-02	2.20E-02
2.309	1.97E-03	2.00E-02	2.20E-02
2.287	1.90E-03	2.00E-02	2.19E-02
2.265	1.83E-03	2.00E-02	2.18E-02
2.244	1.76E-03	2.00E-02	2.18E-02
2.224	1.69E-03	2.00E-02	2.17E-02
2.204	1.63E-03	2.00E-02	2.16E-02
2.184	1.57E-03	2.00E-02	2.16E-02
2.166	1.51E-03	2.00E-02	2.15E-02
2.148	1.45E-03	2.00E-02	2.14E-02
2.131	1.39E-03	2.00E-02	2.14E-02
2.114	1.34E-03	2.00E-02	2.13E-02
2.098	1.29E-03	2.00E-02	2.13E-02
2.083	1.24E-03	2.00E-02	2.12E-02
2.069	1.19E-03	2.00E-02	2.12E-02
1.766	2.12E-04	2.00E-02	2.02E-02
1.767	2.18E-04	2.00E-02	2.02E-02
1.769	2.24E-04	2.00E-02	2.02E-02
1.771	2.29E-04	2.00E-02	2.02E-02
1.773	2.35E-04	2.00E-02	2.02E-02
1.774	2.41E-04	2.00E-02	2.02E-02
1.776	2.46E-04	2.00E-02	2.02E-02
1.778	2.52E-04	2.00E-02	2.03E-02
1.780	2.58E-04	2.00E-02	2.03E-02
1.782	2.64E-04	2.00E-02	2.03E-02
1.784	2.70E-04	2.00E-02	2.03E-02
1.785	2.76E-04	2.00E-02	2.03E-02
1.788	2.83E-04	2.00E-02	2.03E-02
1.790	2.90E-04	2.00E-02	2.03E-02
1.792	2.97E-04	2.00E-02	2.03E-02
1.794	3.05E-04	2.00E-02	2.03E-02
1.797	3.13E-04	2.00E-02	2.03E-02
1.800	3.23E-04	2.00E-02	2.03E-02
1.803	3.34E-04	2.00E-02	2.03E-02



1.808	3.48E-04	2.00E-02	2.03E-02
1.813	3.64E-04	2.00E-02	2.04E-02
1.819	3.83E-04	2.00E-02	2.04E-02
1.826	4.07E-04	2.00E-02	2.04E-02
1.835	4.37E-04	2.00E-02	2.04E-02
1.847	4.76E-04	2.00E-02	2.05E-02
1.862	5.24E-04	2.00E-02	2.05E-02
1.880	5.83E-04	2.00E-02	2.06E-02
1.903	6.57E-04	2.00E-02	2.07E-02
1.931	7.48E-04	2.00E-02	2.07E-02
1.966	8.58E-04	2.00E-02	2.09E-02
2.006	9.89E-04	2.00E-02	2.10E-02
2.054	1.14E-03	2.00E-02	2.11E-02
2.109	1.32E-03	2.00E-02	2.13E-02
2.172	1.52E-03	2.00E-02	2.15E-02
2.240	1.75E-03	2.00E-02	2.17E-02
2.315	1.99E-03	2.00E-02	2.20E-02
2.389	2.23E-03	2.00E-02	2.22E-02
2.459	2.45E-03	2.00E-02	2.25E-02
2.520	2.65E-03	2.00E-02	2.27E-02
2.570	2.81E-03	2.00E-02	2.28E-02
2.607	2.93E-03	2.00E-02	2.29E-02
2.632	3.01E-03	2.00E-02	2.30E-02
2.649	3.07E-03	2.00E-02	2.31E-02
2.658	3.09E-03	2.00E-02	2.31E-02
2.658	3.09E-03	2.00E-02	2.31E-02
2.651	3.07E-03	2.00E-02	2.31E-02
2.639	3.04E-03	2.00E-02	2.30E-02
2.623	2.98E-03	2.00E-02	2.30E-02
2.604	2.92E-03	2.00E-02	2.29E-02
2.582	2.85E-03	2.00E-02	2.28E-02
2.558	2.77E-03	2.00E-02	2.28E-02
2.532	2.69E-03	2.00E-02	2.27E-02
2.505	2.60E-03	2.00E-02	2.26E-02
2.478	2.51E-03	2.00E-02	2.25E-02
2.450	2.43E-03	2.00E-02	2.24E-02
2.423	2.34E-03	2.00E-02	2.23E-02
2.395	2.25E-03	2.00E-02	2.22E-02
2.368	2.16E-03	2.00E-02	2.22E-02
2.342	2.07E-03	2.00E-02	2.21E-02
2.316	1.99E-03	2.00E-02	2.20E-02
2.291	1.91E-03	2.00E-02	2.19E-02
2.266	1.83E-03	2.00E-02	2.18E-02
2.243	1.75E-03	2.00E-02	2.18E-02
2.221	1.68E-03	2.00E-02	2.17E-02
2.199	1.61E-03	2.00E-02	2.16E-02
2.178	1.55E-03	2.00E-02	2.15E-02
2.158	1.48E-03	2.00E-02	2.15E-02
2.140	1.42E-03	2.00E-02	2.14E-02
2.122	1.36E-03	2.00E-02	2.14E-02
2.105	1.31E-03	2.00E-02	2.13E-02
2.088	1.25E-03	2.00E-02	2.13E-02
2.073	1.20E-03	2.00E-02	2.12E-02
1.768	2.20E-04	2.00E-02	2.02E-02
1.770	2.27E-04	2.00E-02	2.02E-02

1.772	2.33E-04	2.00E-02	2.02E-02
1.774	2.39E-04	2.00E-02	2.02E-02
1.776	2.46E-04	2.00E-02	2.02E-02
1.778	2.52E-04	2.00E-02	2.03E-02
1.780	2.58E-04	2.00E-02	2.03E-02
1.782	2.65E-04	2.00E-02	2.03E-02
1.784	2.72E-04	2.00E-02	2.03E-02
1.786	2.78E-04	2.00E-02	2.03E-02
1.788	2.85E-04	2.00E-02	2.03E-02
1.790	2.92E-04	2.00E-02	2.03E-02
1.792	2.99E-04	2.00E-02	2.03E-02
1.795	3.06E-04	2.00E-02	2.03E-02
1.797	3.14E-04	2.00E-02	2.03E-02
1.799	3.22E-04	2.00E-02	2.03E-02
1.802	3.30E-04	2.00E-02	2.03E-02
1.805	3.39E-04	2.00E-02	2.03E-02
1.808	3.50E-04	2.00E-02	2.03E-02
1.812	3.62E-04	2.00E-02	2.04E-02
1.817	3.77E-04	2.00E-02	2.04E-02
1.822	3.94E-04	2.00E-02	2.04E-02
1.828	4.14E-04	2.00E-02	2.04E-02
1.836	4.39E-04	2.00E-02	2.04E-02
1.846	4.71E-04	2.00E-02	2.05E-02
1.858	5.11E-04	2.00E-02	2.05E-02
1.874	5.63E-04	2.00E-02	2.06E-02
1.894	6.28E-04	2.00E-02	2.06E-02
1.920	7.10E-04	2.00E-02	2.07E-02
1.951	8.12E-04	2.00E-02	2.08E-02
1.990	9.38E-04	2.00E-02	2.09E-02
2.037	1.09E-03	2.00E-02	2.11E-02
2.093	1.27E-03	2.00E-02	2.13E-02
2.158	1.48E-03	2.00E-02	2.15E-02
2.232	1.72E-03	2.00E-02	2.17E-02
2.317	1.99E-03	2.00E-02	2.20E-02
2.410	2.29E-03	2.00E-02	2.23E-02
2.507	2.61E-03	2.00E-02	2.26E-02
2.597	2.90E-03	2.00E-02	2.29E-02
2.676	3.15E-03	2.00E-02	2.32E-02
2.733	3.34E-03	2.00E-02	2.33E-02
2.774	3.47E-03	2.00E-02	2.35E-02
2.799	3.55E-03	2.00E-02	2.36E-02
2.811	3.59E-03	2.00E-02	2.36E-02
2.813	3.60E-03	2.00E-02	2.36E-02
2.805	3.57E-03	2.00E-02	2.36E-02
2.788	3.52E-03	2.00E-02	2.35E-02
2.766	3.45E-03	2.00E-02	2.34E-02
2.740	3.36E-03	2.00E-02	2.34E-02
2.710	3.26E-03	2.00E-02	2.33E-02
2.678	3.16E-03	2.00E-02	2.32E-02
2.644	3.05E-03	2.00E-02	2.31E-02
2.609	2.94E-03	2.00E-02	2.29E-02
2.574	2.83E-03	2.00E-02	2.28E-02
2.539	2.71E-03	2.00E-02	2.27E-02
2.504	2.60E-03	2.00E-02	2.26E-02
2.470	2.49E-03	2.00E-02	2.25E-02

2.436	2.38E-03	2.00E-02	2.24E-02
2.404	2.27E-03	2.00E-02	2.23E-02
2.373	2.17E-03	2.00E-02	2.22E-02
2.343	2.08E-03	2.00E-02	2.21E-02
2.314	1.98E-03	2.00E-02	2.20E-02
2.286	1.89E-03	2.00E-02	2.19E-02
2.260	1.81E-03	2.00E-02	2.18E-02
2.235	1.73E-03	2.00E-02	2.17E-02
2.211	1.65E-03	2.00E-02	2.17E-02
2.189	1.58E-03	2.00E-02	2.16E-02
2.167	1.51E-03	2.00E-02	2.15E-02
2.146	1.44E-03	2.00E-02	2.14E-02
2.127	1.38E-03	2.00E-02	2.14E-02
2.109	1.32E-03	2.00E-02	2.13E-02
2.092	1.27E-03	2.00E-02	2.13E-02
2.075	1.21E-03	2.00E-02	2.12E-02
1.773	2.35E-04	2.00E-02	2.02E-02
1.775	2.42E-04	2.00E-02	2.02E-02
1.777	2.49E-04	2.00E-02	2.02E-02
1.779	2.57E-04	2.00E-02	2.03E-02
1.782	2.64E-04	2.00E-02	2.03E-02
1.784	2.71E-04	2.00E-02	2.03E-02
1.786	2.79E-04	2.00E-02	2.03E-02
1.789	2.86E-04	2.00E-02	2.03E-02
1.791	2.94E-04	2.00E-02	2.03E-02
1.793	3.01E-04	2.00E-02	2.03E-02
1.796	3.09E-04	2.00E-02	2.03E-02
1.798	3.16E-04	2.00E-02	2.03E-02
1.800	3.24E-04	2.00E-02	2.03E-02
1.803	3.33E-04	2.00E-02	2.03E-02
1.806	3.41E-04	2.00E-02	2.03E-02
1.808	3.50E-04	2.00E-02	2.04E-02
1.811	3.60E-04	2.00E-02	2.04E-02
1.815	3.70E-04	2.00E-02	2.04E-02
1.818	3.82E-04	2.00E-02	2.04E-02
1.822	3.96E-04	2.00E-02	2.04E-02
1.827	4.11E-04	2.00E-02	2.04E-02
1.833	4.29E-04	2.00E-02	2.04E-02
1.839	4.50E-04	2.00E-02	2.05E-02
1.848	4.77E-04	2.00E-02	2.05E-02
1.858	5.11E-04	2.00E-02	2.05E-02
1.871	5.54E-04	2.00E-02	2.06E-02
1.889	6.09E-04	2.00E-02	2.06E-02
1.911	6.81E-04	2.00E-02	2.07E-02
1.939	7.72E-04	2.00E-02	2.08E-02
1.975	8.88E-04	2.00E-02	2.09E-02
2.019	1.03E-03	2.00E-02	2.10E-02
2.074	1.21E-03	2.00E-02	2.12E-02
2.139	1.42E-03	2.00E-02	2.14E-02
2.217	1.67E-03	2.00E-02	2.17E-02
2.306	1.96E-03	2.00E-02	2.20E-02
2.412	2.30E-03	2.00E-02	2.23E-02
2.533	2.69E-03	2.00E-02	2.27E-02
2.665	3.12E-03	2.00E-02	2.31E-02
2.790	3.52E-03	2.00E-02	2.35E-02

2.886	3.83E-03	2.00E-02	2.38E-02
2.951	4.04E-03	2.00E-02	2.40E-02
2.994	4.18E-03	2.00E-02	2.42E-02
3.015	4.25E-03	2.00E-02	2.42E-02
3.017	4.26E-03	2.00E-02	2.43E-02
3.004	4.22E-03	2.00E-02	2.42E-02
2.981	4.14E-03	2.00E-02	2.41E-02
2.949	4.04E-03	2.00E-02	2.40E-02
2.912	3.92E-03	2.00E-02	2.39E-02
2.870	3.78E-03	2.00E-02	2.38E-02
2.827	3.64E-03	2.00E-02	2.36E-02
2.781	3.49E-03	2.00E-02	2.35E-02
2.736	3.35E-03	2.00E-02	2.33E-02
2.690	3.20E-03	2.00E-02	2.32E-02
2.644	3.05E-03	2.00E-02	2.31E-02
2.600	2.91E-03	2.00E-02	2.29E-02
2.556	2.77E-03	2.00E-02	2.28E-02
2.515	2.63E-03	2.00E-02	2.26E-02
2.475	2.50E-03	2.00E-02	2.25E-02
2.437	2.38E-03	2.00E-02	2.24E-02
2.400	2.26E-03	2.00E-02	2.23E-02
2.366	2.15E-03	2.00E-02	2.22E-02
2.333	2.05E-03	2.00E-02	2.20E-02
2.303	1.95E-03	2.00E-02	2.19E-02
2.274	1.85E-03	2.00E-02	2.19E-02
2.246	1.77E-03	2.00E-02	2.18E-02
2.220	1.68E-03	2.00E-02	2.17E-02
2.196	1.60E-03	2.00E-02	2.16E-02
2.173	1.53E-03	2.00E-02	2.15E-02
2.151	1.46E-03	2.00E-02	2.15E-02
2.130	1.39E-03	2.00E-02	2.14E-02
2.111	1.33E-03	2.00E-02	2.13E-02
2.093	1.27E-03	2.00E-02	2.13E-02
2.076	1.22E-03	2.00E-02	2.12E-02
2.061	1.17E-03	2.00E-02	2.12E-02
1.778	2.52E-04	2.00E-02	2.03E-02
1.780	2.60E-04	2.00E-02	2.03E-02
1.783	2.68E-04	2.00E-02	2.03E-02
1.785	2.76E-04	2.00E-02	2.03E-02
1.788	2.84E-04	2.00E-02	2.03E-02
1.791	2.93E-04	2.00E-02	2.03E-02
1.793	3.02E-04	2.00E-02	2.03E-02
1.796	3.10E-04	2.00E-02	2.03E-02
1.799	3.19E-04	2.00E-02	2.03E-02
1.801	3.27E-04	2.00E-02	2.03E-02
1.804	3.36E-04	2.00E-02	2.03E-02
1.807	3.45E-04	2.00E-02	2.03E-02
1.810	3.54E-04	2.00E-02	2.04E-02
1.812	3.63E-04	2.00E-02	2.04E-02
1.815	3.73E-04	2.00E-02	2.04E-02
1.819	3.83E-04	2.00E-02	2.04E-02
1.822	3.94E-04	2.00E-02	2.04E-02
1.826	4.07E-04	2.00E-02	2.04E-02
1.830	4.20E-04	2.00E-02	2.04E-02
1.835	4.35E-04	2.00E-02	2.04E-02

1.840	4.52E-04	2.00E-02	2.05E-02
1.846	4.72E-04	2.00E-02	2.05E-02
1.853	4.95E-04	2.00E-02	2.05E-02
1.862	5.23E-04	2.00E-02	2.05E-02
1.873	5.59E-04	2.00E-02	2.06E-02
1.887	6.06E-04	2.00E-02	2.06E-02
1.906	6.66E-04	2.00E-02	2.07E-02
1.930	7.45E-04	2.00E-02	2.07E-02
1.962	8.48E-04	2.00E-02	2.08E-02
2.003	9.80E-04	2.00E-02	2.10E-02
2.055	1.15E-03	2.00E-02	2.11E-02
2.119	1.35E-03	2.00E-02	2.14E-02
2.196	1.60E-03	2.00E-02	2.16E-02
2.288	1.90E-03	2.00E-02	2.19E-02
2.397	2.25E-03	2.00E-02	2.23E-02
2.530	2.68E-03	2.00E-02	2.27E-02
2.693	3.21E-03	2.00E-02	2.32E-02
2.892	3.85E-03	2.00E-02	2.39E-02
3.065	4.41E-03	2.00E-02	2.44E-02
3.184	4.79E-03	2.00E-02	2.48E-02
3.256	5.03E-03	2.00E-02	2.50E-02
3.289	5.14E-03	2.00E-02	2.51E-02
3.293	5.15E-03	2.00E-02	2.51E-02
3.274	5.09E-03	2.00E-02	2.51E-02
3.237	4.97E-03	2.00E-02	2.50E-02
3.189	4.81E-03	2.00E-02	2.48E-02
3.134	4.63E-03	2.00E-02	2.46E-02
3.075	4.44E-03	2.00E-02	2.44E-02
3.013	4.24E-03	2.00E-02	2.42E-02
2.952	4.04E-03	2.00E-02	2.40E-02
2.890	3.85E-03	2.00E-02	2.38E-02
2.829	3.65E-03	2.00E-02	2.36E-02
2.770	3.46E-03	2.00E-02	2.35E-02
2.712	3.27E-03	2.00E-02	2.33E-02
2.657	3.09E-03	2.00E-02	2.31E-02
2.605	2.93E-03	2.00E-02	2.29E-02
2.556	2.77E-03	2.00E-02	2.28E-02
2.509	2.62E-03	2.00E-02	2.26E-02
2.465	2.47E-03	2.00E-02	2.25E-02
2.424	2.34E-03	2.00E-02	2.23E-02
2.385	2.22E-03	2.00E-02	2.22E-02
2.349	2.10E-03	2.00E-02	2.21E-02
2.315	1.99E-03	2.00E-02	2.20E-02
2.284	1.89E-03	2.00E-02	2.19E-02
2.254	1.79E-03	2.00E-02	2.18E-02
2.227	1.70E-03	2.00E-02	2.17E-02
2.201	1.62E-03	2.00E-02	2.16E-02
2.176	1.54E-03	2.00E-02	2.15E-02
2.154	1.47E-03	2.00E-02	2.15E-02
2.132	1.40E-03	2.00E-02	2.14E-02
2.112	1.33E-03	2.00E-02	2.13E-02
2.093	1.27E-03	2.00E-02	2.13E-02
2.076	1.21E-03	2.00E-02	2.12E-02
2.059	1.16E-03	2.00E-02	2.12E-02
1.784	2.70E-04	2.00E-02	2.03E-02

1.787	2.80E-04	2.00E-02	2.03E-02
1.789	2.89E-04	2.00E-02	2.03E-02
1.792	2.98E-04	2.00E-02	2.03E-02
1.795	3.08E-04	2.00E-02	2.03E-02
1.798	3.18E-04	2.00E-02	2.03E-02
1.801	3.28E-04	2.00E-02	2.03E-02
1.804	3.37E-04	2.00E-02	2.03E-02
1.807	3.47E-04	2.00E-02	2.03E-02
1.810	3.57E-04	2.00E-02	2.04E-02
1.814	3.67E-04	2.00E-02	2.04E-02
1.817	3.77E-04	2.00E-02	2.04E-02
1.820	3.88E-04	2.00E-02	2.04E-02
1.823	3.99E-04	2.00E-02	2.04E-02
1.827	4.10E-04	2.00E-02	2.04E-02
1.831	4.22E-04	2.00E-02	2.04E-02
1.835	4.35E-04	2.00E-02	2.04E-02
1.839	4.50E-04	2.00E-02	2.04E-02
1.844	4.65E-04	2.00E-02	2.05E-02
1.849	4.82E-04	2.00E-02	2.05E-02
1.855	5.01E-04	2.00E-02	2.05E-02
1.862	5.23E-04	2.00E-02	2.05E-02
1.870	5.49E-04	2.00E-02	2.05E-02
1.879	5.80E-04	2.00E-02	2.06E-02
1.891	6.19E-04	2.00E-02	2.06E-02
1.907	6.69E-04	2.00E-02	2.07E-02
1.927	7.35E-04	2.00E-02	2.07E-02
1.955	8.23E-04	2.00E-02	2.08E-02
1.991	9.40E-04	2.00E-02	2.09E-02
2.038	1.09E-03	2.00E-02	2.11E-02
2.099	1.29E-03	2.00E-02	2.13E-02
2.176	1.54E-03	2.00E-02	2.15E-02
2.270	1.84E-03	2.00E-02	2.18E-02
2.381	2.20E-03	2.00E-02	2.22E-02
2.515	2.63E-03	2.00E-02	2.26E-02
2.682	3.17E-03	2.00E-02	2.32E-02
2.909	3.91E-03	2.00E-02	2.39E-02
3.217	4.90E-03	2.00E-02	2.49E-02
3.483	5.76E-03	2.00E-02	2.58E-02
3.635	6.25E-03	2.00E-02	2.63E-02
3.691	6.43E-03	2.00E-02	2.64E-02
3.687	6.42E-03	2.00E-02	2.64E-02
3.648	6.30E-03	2.00E-02	2.63E-02
3.588	6.10E-03	2.00E-02	2.61E-02
3.513	5.86E-03	2.00E-02	2.59E-02
3.428	5.59E-03	2.00E-02	2.56E-02
3.341	5.30E-03	2.00E-02	2.53E-02
3.253	5.02E-03	2.00E-02	2.50E-02
3.166	4.74E-03	2.00E-02	2.47E-02
3.081	4.46E-03	2.00E-02	2.45E-02
3.000	4.20E-03	2.00E-02	2.42E-02
2.921	3.95E-03	2.00E-02	2.39E-02
2.847	3.71E-03	2.00E-02	2.37E-02
2.776	3.48E-03	2.00E-02	2.35E-02
2.710	3.27E-03	2.00E-02	2.33E-02
2.649	3.07E-03	2.00E-02	2.31E-02

2.592	2.88E-03	2.00E-02	2.29E-02
2.538	2.71E-03	2.00E-02	2.27E-02
2.489	2.55E-03	2.00E-02	2.25E-02
2.443	2.40E-03	2.00E-02	2.24E-02
2.400	2.26E-03	2.00E-02	2.23E-02
2.361	2.13E-03	2.00E-02	2.21E-02
2.324	2.02E-03	2.00E-02	2.20E-02
2.290	1.91E-03	2.00E-02	2.19E-02
2.259	1.81E-03	2.00E-02	2.18E-02
2.229	1.71E-03	2.00E-02	2.17E-02
2.202	1.62E-03	2.00E-02	2.16E-02
2.177	1.54E-03	2.00E-02	2.15E-02
2.153	1.46E-03	2.00E-02	2.15E-02
2.131	1.39E-03	2.00E-02	2.14E-02
2.110	1.33E-03	2.00E-02	2.13E-02
2.091	1.26E-03	2.00E-02	2.13E-02
2.073	1.21E-03	2.00E-02	2.12E-02
2.057	1.15E-03	2.00E-02	2.12E-02
1.787	2.80E-04	2.00E-02	2.03E-02
1.790	2.91E-04	2.00E-02	2.03E-02
1.793	3.01E-04	2.00E-02	2.03E-02
1.797	3.12E-04	2.00E-02	2.03E-02
1.800	3.23E-04	2.00E-02	2.03E-02
1.803	3.34E-04	2.00E-02	2.03E-02
1.807	3.46E-04	2.00E-02	2.03E-02
1.810	3.57E-04	2.00E-02	2.04E-02
1.814	3.68E-04	2.00E-02	2.04E-02
1.817	3.80E-04	2.00E-02	2.04E-02
1.821	3.91E-04	2.00E-02	2.04E-02
1.825	4.03E-04	2.00E-02	2.04E-02
1.828	4.15E-04	2.00E-02	2.04E-02
1.832	4.27E-04	2.00E-02	2.04E-02
1.836	4.39E-04	2.00E-02	2.04E-02
1.840	4.53E-04	2.00E-02	2.05E-02
1.845	4.68E-04	2.00E-02	2.05E-02
1.850	4.84E-04	2.00E-02	2.05E-02
1.855	5.00E-04	2.00E-02	2.05E-02
1.860	5.18E-04	2.00E-02	2.05E-02
1.867	5.38E-04	2.00E-02	2.05E-02
1.873	5.60E-04	2.00E-02	2.06E-02
1.881	5.85E-04	2.00E-02	2.06E-02
1.890	6.14E-04	2.00E-02	2.06E-02
1.901	6.49E-04	2.00E-02	2.06E-02
1.914	6.92E-04	2.00E-02	2.07E-02
1.931	7.47E-04	2.00E-02	2.07E-02
1.954	8.20E-04	2.00E-02	2.08E-02
1.985	9.20E-04	2.00E-02	2.09E-02
2.027	1.06E-03	2.00E-02	2.11E-02
2.083	1.24E-03	2.00E-02	2.12E-02
2.157	1.48E-03	2.00E-02	2.15E-02
2.252	1.79E-03	2.00E-02	2.18E-02
2.369	2.16E-03	2.00E-02	2.22E-02
2.510	2.62E-03	2.00E-02	2.26E-02
2.683	3.18E-03	2.00E-02	2.32E-02
2.897	3.87E-03	2.00E-02	2.39E-02

3.192	4.82E-03	2.00E-02	2.48E-02
3.612	6.18E-03	2.00E-02	2.62E-02
3.936	7.22E-03	2.00E-02	2.72E-02
4.075	7.67E-03	2.00E-02	2.77E-02
4.285	8.35E-03	2.00E-02	2.84E-02
4.197	8.07E-03	2.00E-02	2.81E-02
4.085	7.71E-03	2.00E-02	2.77E-02
3.960	7.30E-03	2.00E-02	2.73E-02
3.828	6.88E-03	2.00E-02	2.69E-02
3.696	6.45E-03	2.00E-02	2.64E-02
3.566	6.03E-03	2.00E-02	2.60E-02
3.441	5.63E-03	2.00E-02	2.56E-02
3.322	5.24E-03	2.00E-02	2.52E-02
3.210	4.88E-03	2.00E-02	2.49E-02
3.105	4.54E-03	2.00E-02	2.45E-02
3.007	4.22E-03	2.00E-02	2.42E-02
2.916	3.93E-03	2.00E-02	2.39E-02
2.832	3.66E-03	2.00E-02	2.37E-02
2.755	3.41E-03	2.00E-02	2.34E-02
2.684	3.18E-03	2.00E-02	2.32E-02
2.619	2.97E-03	2.00E-02	2.30E-02
2.560	2.78E-03	2.00E-02	2.28E-02
2.505	2.60E-03	2.00E-02	2.26E-02
2.455	2.44E-03	2.00E-02	2.24E-02
2.409	2.29E-03	2.00E-02	2.23E-02
2.367	2.16E-03	2.00E-02	2.22E-02
2.328	2.03E-03	2.00E-02	2.20E-02
2.292	1.91E-03	2.00E-02	2.19E-02
2.259	1.81E-03	2.00E-02	2.18E-02
2.229	1.71E-03	2.00E-02	2.17E-02
2.201	1.62E-03	2.00E-02	2.16E-02
2.175	1.53E-03	2.00E-02	2.15E-02
2.150	1.46E-03	2.00E-02	2.15E-02
2.128	1.38E-03	2.00E-02	2.14E-02
2.106	1.31E-03	2.00E-02	2.13E-02
2.087	1.25E-03	2.00E-02	2.13E-02
2.069	1.19E-03	2.00E-02	2.12E-02
2.052	1.14E-03	2.00E-02	2.11E-02
1.793	3.01E-04	2.00E-02	2.03E-02
1.797	3.13E-04	2.00E-02	2.03E-02
1.801	3.26E-04	2.00E-02	2.03E-02
1.805	3.38E-04	2.00E-02	2.03E-02
1.809	3.51E-04	2.00E-02	2.04E-02
1.813	3.65E-04	2.00E-02	2.04E-02
1.817	3.78E-04	2.00E-02	2.04E-02
1.821	3.91E-04	2.00E-02	2.04E-02
1.825	4.04E-04	2.00E-02	2.04E-02
1.829	4.17E-04	2.00E-02	2.04E-02
1.833	4.30E-04	2.00E-02	2.04E-02
1.837	4.44E-04	2.00E-02	2.04E-02
1.842	4.58E-04	2.00E-02	2.05E-02
1.846	4.72E-04	2.00E-02	2.05E-02
1.851	4.87E-04	2.00E-02	2.05E-02
1.856	5.04E-04	2.00E-02	2.05E-02
1.861	5.21E-04	2.00E-02	2.05E-02



1.867	5.40E-04	2.00E-02	2.05E-02
1.873	5.60E-04	2.00E-02	2.06E-02
1.880	5.82E-04	2.00E-02	2.06E-02
1.887	6.05E-04	2.00E-02	2.06E-02
1.895	6.31E-04	2.00E-02	2.06E-02
1.904	6.60E-04	2.00E-02	2.07E-02
1.915	6.93E-04	2.00E-02	2.07E-02
1.927	7.33E-04	2.00E-02	2.07E-02
1.942	7.82E-04	2.00E-02	2.08E-02
1.961	8.44E-04	2.00E-02	2.08E-02
1.987	9.27E-04	2.00E-02	2.09E-02
2.022	1.04E-03	2.00E-02	2.10E-02
2.072	1.20E-03	2.00E-02	2.12E-02
2.140	1.42E-03	2.00E-02	2.14E-02
2.232	1.72E-03	2.00E-02	2.17E-02
2.354	2.11E-03	2.00E-02	2.21E-02
2.506	2.60E-03	2.00E-02	2.26E-02
2.696	3.22E-03	2.00E-02	2.32E-02
2.934	3.99E-03	2.00E-02	2.40E-02
3.243	4.98E-03	2.00E-02	2.50E-02
4.545	9.20E-03	2.00E-02	2.92E-02
4.850	1.02E-02	2.00E-02	3.02E-02
4.807	1.00E-02	2.00E-02	3.00E-02
4.597	9.36E-03	2.00E-02	2.94E-02
4.386	8.68E-03	2.00E-02	2.87E-02
4.179	8.01E-03	2.00E-02	2.80E-02
3.984	7.38E-03	2.00E-02	2.74E-02
3.801	6.79E-03	2.00E-02	2.68E-02
3.632	6.24E-03	2.00E-02	2.62E-02
3.474	5.73E-03	2.00E-02	2.57E-02
3.331	5.27E-03	2.00E-02	2.53E-02
3.201	4.85E-03	2.00E-02	2.48E-02
3.082	4.47E-03	2.00E-02	2.45E-02
2.974	4.12E-03	2.00E-02	2.41E-02
2.878	3.81E-03	2.00E-02	2.38E-02
2.789	3.52E-03	2.00E-02	2.35E-02
2.710	3.26E-03	2.00E-02	2.33E-02
2.638	3.03E-03	2.00E-02	2.30E-02
2.573	2.82E-03	2.00E-02	2.28E-02
2.514	2.63E-03	2.00E-02	2.26E-02
2.461	2.46E-03	2.00E-02	2.25E-02
2.412	2.30E-03	2.00E-02	2.23E-02
2.368	2.16E-03	2.00E-02	2.22E-02
2.327	2.03E-03	2.00E-02	2.20E-02
2.290	1.91E-03	2.00E-02	2.19E-02
2.256	1.80E-03	2.00E-02	2.18E-02
2.225	1.70E-03	2.00E-02	2.17E-02
2.196	1.60E-03	2.00E-02	2.16E-02
2.170	1.52E-03	2.00E-02	2.15E-02
2.145	1.44E-03	2.00E-02	2.14E-02
2.122	1.36E-03	2.00E-02	2.14E-02
2.101	1.30E-03	2.00E-02	2.13E-02
2.081	1.23E-03	2.00E-02	2.12E-02
2.063	1.17E-03	2.00E-02	2.12E-02
2.047	1.12E-03	2.00E-02	2.11E-02

2.031	1.07E-03	2.00E-02	2.11E-02
1.800	3.25E-04	2.00E-02	2.03E-02
1.805	3.39E-04	2.00E-02	2.03E-02
1.809	3.53E-04	2.00E-02	2.04E-02
1.814	3.68E-04	2.00E-02	2.04E-02
1.819	3.83E-04	2.00E-02	2.04E-02
1.823	3.99E-04	2.00E-02	2.04E-02
1.828	4.15E-04	2.00E-02	2.04E-02
1.833	4.30E-04	2.00E-02	2.04E-02
1.838	4.45E-04	2.00E-02	2.04E-02
1.842	4.60E-04	2.00E-02	2.05E-02
1.847	4.76E-04	2.00E-02	2.05E-02
1.852	4.91E-04	2.00E-02	2.05E-02
1.857	5.07E-04	2.00E-02	2.05E-02
1.862	5.25E-04	2.00E-02	2.05E-02
1.868	5.43E-04	2.00E-02	2.05E-02
1.874	5.63E-04	2.00E-02	2.06E-02
1.881	5.84E-04	2.00E-02	2.06E-02
1.888	6.07E-04	2.00E-02	2.06E-02
1.895	6.31E-04	2.00E-02	2.06E-02
1.903	6.57E-04	2.00E-02	2.07E-02
1.912	6.85E-04	2.00E-02	2.07E-02
1.922	7.16E-04	2.00E-02	2.07E-02
1.932	7.50E-04	2.00E-02	2.08E-02
1.944	7.89E-04	2.00E-02	2.08E-02
1.959	8.36E-04	2.00E-02	2.08E-02
1.976	8.92E-04	2.00E-02	2.09E-02
1.998	9.64E-04	2.00E-02	2.10E-02
2.028	1.06E-03	2.00E-02	2.11E-02
2.068	1.19E-03	2.00E-02	2.12E-02
2.127	1.38E-03	2.00E-02	2.14E-02
2.211	1.65E-03	2.00E-02	2.16E-02
2.329	2.03E-03	2.00E-02	2.20E-02
2.489	2.55E-03	2.00E-02	2.25E-02
2.695	3.22E-03	2.00E-02	2.32E-02
2.961	4.08E-03	2.00E-02	2.41E-02
3.307	5.19E-03	2.00E-02	2.52E-02
5.182	1.13E-02	2.00E-02	3.13E-02
5.192	1.13E-02	2.00E-02	3.13E-02
5.177	1.12E-02	2.00E-02	3.12E-02
4.861	1.02E-02	2.00E-02	3.02E-02
4.560	9.24E-03	2.00E-02	2.92E-02
4.284	8.35E-03	2.00E-02	2.83E-02
4.034	7.54E-03	2.00E-02	2.75E-02
3.812	6.83E-03	2.00E-02	2.68E-02
3.613	6.18E-03	2.00E-02	2.62E-02
3.435	5.61E-03	2.00E-02	2.56E-02
3.278	5.10E-03	2.00E-02	2.51E-02
3.139	4.65E-03	2.00E-02	2.47E-02
3.016	4.25E-03	2.00E-02	2.43E-02
2.907	3.90E-03	2.00E-02	2.39E-02
2.810	3.59E-03	2.00E-02	2.36E-02
2.724	3.31E-03	2.00E-02	2.33E-02
2.647	3.06E-03	2.00E-02	2.31E-02
2.577	2.83E-03	2.00E-02	2.28E-02

2.515	2.64E-03	2.00E-02	2.26E-02
2.460	2.46E-03	2.00E-02	2.25E-02
2.409	2.29E-03	2.00E-02	2.23E-02
2.363	2.14E-03	2.00E-02	2.21E-02
2.322	2.01E-03	2.00E-02	2.20E-02
2.284	1.89E-03	2.00E-02	2.19E-02
2.249	1.77E-03	2.00E-02	2.18E-02
2.218	1.67E-03	2.00E-02	2.17E-02
2.189	1.58E-03	2.00E-02	2.16E-02
2.162	1.49E-03	2.00E-02	2.15E-02
2.137	1.41E-03	2.00E-02	2.14E-02
2.114	1.34E-03	2.00E-02	2.13E-02
2.094	1.27E-03	2.00E-02	2.13E-02
2.074	1.21E-03	2.00E-02	2.12E-02
2.056	1.15E-03	2.00E-02	2.12E-02
2.040	1.10E-03	2.00E-02	2.11E-02
2.024	1.05E-03	2.00E-02	2.10E-02
1.808	3.51E-04	2.00E-02	2.04E-02
1.814	3.67E-04	2.00E-02	2.04E-02
1.819	3.84E-04	2.00E-02	2.04E-02
1.824	4.02E-04	2.00E-02	2.04E-02
1.830	4.20E-04	2.00E-02	2.04E-02
1.836	4.38E-04	2.00E-02	2.04E-02
1.841	4.57E-04	2.00E-02	2.05E-02
1.847	4.75E-04	2.00E-02	2.05E-02
1.853	4.93E-04	2.00E-02	2.05E-02
1.858	5.11E-04	2.00E-02	2.05E-02
1.864	5.29E-04	2.00E-02	2.05E-02
1.869	5.47E-04	2.00E-02	2.05E-02
1.875	5.66E-04	2.00E-02	2.06E-02
1.882	5.87E-04	2.00E-02	2.06E-02
1.889	6.09E-04	2.00E-02	2.06E-02
1.896	6.33E-04	2.00E-02	2.06E-02
1.904	6.59E-04	2.00E-02	2.07E-02
1.912	6.85E-04	2.00E-02	2.07E-02
1.921	7.14E-04	2.00E-02	2.07E-02
1.930	7.45E-04	2.00E-02	2.07E-02
1.941	7.79E-04	2.00E-02	2.08E-02
1.953	8.16E-04	2.00E-02	2.08E-02
1.965	8.58E-04	2.00E-02	2.09E-02
1.980	9.05E-04	2.00E-02	2.09E-02
1.997	9.61E-04	2.00E-02	2.10E-02
2.018	1.03E-03	2.00E-02	2.10E-02
2.044	1.11E-03	2.00E-02	2.11E-02
2.078	1.22E-03	2.00E-02	2.12E-02
2.125	1.37E-03	2.00E-02	2.14E-02
2.195	1.60E-03	2.00E-02	2.16E-02
2.298	1.93E-03	2.00E-02	2.19E-02
2.449	2.42E-03	2.00E-02	2.24E-02
2.662	3.11E-03	2.00E-02	2.31E-02
2.947	4.03E-03	2.00E-02	2.40E-02
3.328	5.26E-03	2.00E-02	2.53E-02
3.804	6.80E-03	2.00E-02	2.68E-02
5.476	1.22E-02	2.00E-02	3.22E-02
5.454	1.21E-02	2.00E-02	3.21E-02

5.380	1.19E-02	2.00E-02	3.19E-02
4.960	1.05E-02	2.00E-02	3.05E-02
4.582	9.31E-03	2.00E-02	2.93E-02
4.252	8.25E-03	2.00E-02	2.82E-02
3.966	7.32E-03	2.00E-02	2.73E-02
3.722	6.53E-03	2.00E-02	2.65E-02
3.510	5.85E-03	2.00E-02	2.58E-02
3.329	5.26E-03	2.00E-02	2.53E-02
3.173	4.76E-03	2.00E-02	2.48E-02
3.037	4.32E-03	2.00E-02	2.43E-02
2.919	3.94E-03	2.00E-02	2.39E-02
2.816	3.61E-03	2.00E-02	2.36E-02
2.725	3.31E-03	2.00E-02	2.33E-02
2.644	3.05E-03	2.00E-02	2.31E-02
2.572	2.82E-03	2.00E-02	2.28E-02
2.509	2.61E-03	2.00E-02	2.26E-02
2.452	2.43E-03	2.00E-02	2.24E-02
2.400	2.26E-03	2.00E-02	2.23E-02
2.354	2.11E-03	2.00E-02	2.21E-02
2.312	1.98E-03	2.00E-02	2.20E-02
2.274	1.85E-03	2.00E-02	2.19E-02
2.239	1.74E-03	2.00E-02	2.17E-02
2.208	1.64E-03	2.00E-02	2.16E-02
2.179	1.55E-03	2.00E-02	2.15E-02
2.152	1.46E-03	2.00E-02	2.15E-02
2.128	1.38E-03	2.00E-02	2.14E-02
2.106	1.31E-03	2.00E-02	2.13E-02
2.085	1.24E-03	2.00E-02	2.12E-02
2.066	1.18E-03	2.00E-02	2.12E-02
2.048	1.13E-03	2.00E-02	2.11E-02
2.032	1.07E-03	2.00E-02	2.11E-02
2.017	1.02E-03	2.00E-02	2.10E-02
1.818	3.80E-04	2.00E-02	2.04E-02
1.824	3.99E-04	2.00E-02	2.04E-02
1.830	4.19E-04	2.00E-02	2.04E-02
1.836	4.41E-04	2.00E-02	2.04E-02
1.843	4.63E-04	2.00E-02	2.05E-02
1.850	4.85E-04	2.00E-02	2.05E-02
1.857	5.07E-04	2.00E-02	2.05E-02
1.864	5.28E-04	2.00E-02	2.05E-02
1.870	5.49E-04	2.00E-02	2.05E-02
1.876	5.70E-04	2.00E-02	2.06E-02
1.883	5.90E-04	2.00E-02	2.06E-02
1.889	6.12E-04	2.00E-02	2.06E-02
1.897	6.36E-04	2.00E-02	2.06E-02
1.905	6.61E-04	2.00E-02	2.07E-02
1.913	6.88E-04	2.00E-02	2.07E-02
1.922	7.16E-04	2.00E-02	2.07E-02
1.931	7.46E-04	2.00E-02	2.07E-02
1.941	7.78E-04	2.00E-02	2.08E-02
1.951	8.12E-04	2.00E-02	2.08E-02
1.963	8.49E-04	2.00E-02	2.08E-02
1.975	8.89E-04	2.00E-02	2.09E-02
1.989	9.34E-04	2.00E-02	2.09E-02
2.005	9.85E-04	2.00E-02	2.10E-02

2.023	1.04E-03	2.00E-02	2.10E-02
2.044	1.11E-03	2.00E-02	2.11E-02
2.069	1.19E-03	2.00E-02	2.12E-02
2.100	1.29E-03	2.00E-02	2.13E-02
2.141	1.42E-03	2.00E-02	2.14E-02
2.196	1.60E-03	2.00E-02	2.16E-02
2.276	1.86E-03	2.00E-02	2.19E-02
2.401	2.27E-03	2.00E-02	2.23E-02
2.594	2.89E-03	2.00E-02	2.29E-02
2.875	3.80E-03	2.00E-02	2.38E-02
3.274	5.09E-03	2.00E-02	2.51E-02
3.816	6.84E-03	2.00E-02	2.68E-02
5.717	1.30E-02	2.00E-02	3.30E-02
5.551	1.24E-02	2.00E-02	3.24E-02
5.242	1.14E-02	2.00E-02	3.14E-02
4.855	1.02E-02	2.00E-02	3.02E-02
4.426	8.81E-03	2.00E-02	2.88E-02
4.077	7.68E-03	2.00E-02	2.77E-02
3.787	6.75E-03	2.00E-02	2.67E-02
3.548	5.97E-03	2.00E-02	2.60E-02
3.349	5.33E-03	2.00E-02	2.53E-02
3.181	4.78E-03	2.00E-02	2.48E-02
3.039	4.33E-03	2.00E-02	2.43E-02
2.914	3.92E-03	2.00E-02	2.39E-02
2.806	3.58E-03	2.00E-02	2.36E-02
2.713	3.27E-03	2.00E-02	2.33E-02
2.630	3.01E-03	2.00E-02	2.30E-02
2.558	2.77E-03	2.00E-02	2.28E-02
2.494	2.57E-03	2.00E-02	2.26E-02
2.437	2.38E-03	2.00E-02	2.24E-02
2.385	2.21E-03	2.00E-02	2.22E-02
2.339	2.06E-03	2.00E-02	2.21E-02
2.298	1.93E-03	2.00E-02	2.19E-02
2.260	1.81E-03	2.00E-02	2.18E-02
2.226	1.70E-03	2.00E-02	2.17E-02
2.195	1.60E-03	2.00E-02	2.16E-02
2.167	1.51E-03	2.00E-02	2.15E-02
2.141	1.42E-03	2.00E-02	2.14E-02
2.117	1.35E-03	2.00E-02	2.13E-02
2.095	1.28E-03	2.00E-02	2.13E-02
2.075	1.21E-03	2.00E-02	2.12E-02
2.056	1.15E-03	2.00E-02	2.12E-02
2.039	1.10E-03	2.00E-02	2.11E-02
2.024	1.05E-03	2.00E-02	2.10E-02
2.009	9.97E-04	2.00E-02	2.10E-02
1.828	4.12E-04	2.00E-02	2.04E-02
1.835	4.35E-04	2.00E-02	2.04E-02
1.842	4.60E-04	2.00E-02	2.05E-02
1.850	4.86E-04	2.00E-02	2.05E-02
1.859	5.13E-04	2.00E-02	2.05E-02
1.867	5.40E-04	2.00E-02	2.05E-02
1.875	5.67E-04	2.00E-02	2.06E-02
1.883	5.92E-04	2.00E-02	2.06E-02
1.891	6.17E-04	2.00E-02	2.06E-02
1.898	6.40E-04	2.00E-02	2.06E-02

1.906	6.65E-04	2.00E-02	2.07E-02
1.914	6.91E-04	2.00E-02	2.07E-02
1.923	7.19E-04	2.00E-02	2.07E-02
1.932	7.49E-04	2.00E-02	2.07E-02
1.942	7.81E-04	2.00E-02	2.08E-02
1.952	8.13E-04	2.00E-02	2.08E-02
1.962	8.48E-04	2.00E-02	2.08E-02
1.974	8.85E-04	2.00E-02	2.09E-02
1.986	9.25E-04	2.00E-02	2.09E-02
2.000	9.69E-04	2.00E-02	2.10E-02
2.015	1.02E-03	2.00E-02	2.10E-02
2.032	1.07E-03	2.00E-02	2.11E-02
2.052	1.14E-03	2.00E-02	2.11E-02
2.074	1.21E-03	2.00E-02	2.12E-02
2.100	1.29E-03	2.00E-02	2.13E-02
2.131	1.39E-03	2.00E-02	2.14E-02
2.170	1.52E-03	2.00E-02	2.15E-02
2.218	1.67E-03	2.00E-02	2.17E-02
2.282	1.88E-03	2.00E-02	2.19E-02
2.375	2.18E-03	2.00E-02	2.22E-02
2.520	2.65E-03	2.00E-02	2.27E-02
2.757	3.41E-03	2.00E-02	2.34E-02
3.126	4.61E-03	2.00E-02	2.46E-02
3.698	6.46E-03	2.00E-02	2.65E-02
5.614	1.26E-02	2.00E-02	3.26E-02
5.268	1.15E-02	2.00E-02	3.15E-02
4.917	1.04E-02	2.00E-02	3.04E-02
4.535	9.16E-03	2.00E-02	2.92E-02
4.125	7.84E-03	2.00E-02	2.78E-02
3.804	6.80E-03	2.00E-02	2.68E-02
3.546	5.97E-03	2.00E-02	2.60E-02
3.337	5.29E-03	2.00E-02	2.53E-02
3.163	4.73E-03	2.00E-02	2.47E-02
3.017	4.26E-03	2.00E-02	2.43E-02
2.892	3.85E-03	2.00E-02	2.39E-02
2.785	3.51E-03	2.00E-02	2.35E-02
2.690	3.20E-03	2.00E-02	2.32E-02
2.608	2.94E-03	2.00E-02	2.29E-02
2.537	2.70E-03	2.00E-02	2.27E-02
2.473	2.50E-03	2.00E-02	2.25E-02
2.416	2.32E-03	2.00E-02	2.23E-02
2.366	2.15E-03	2.00E-02	2.22E-02
2.321	2.01E-03	2.00E-02	2.20E-02
2.280	1.88E-03	2.00E-02	2.19E-02
2.244	1.76E-03	2.00E-02	2.18E-02
2.211	1.65E-03	2.00E-02	2.16E-02
2.180	1.55E-03	2.00E-02	2.16E-02
2.153	1.46E-03	2.00E-02	2.15E-02
2.128	1.38E-03	2.00E-02	2.14E-02
2.105	1.31E-03	2.00E-02	2.13E-02
2.084	1.24E-03	2.00E-02	2.12E-02
2.064	1.18E-03	2.00E-02	2.12E-02
2.046	1.12E-03	2.00E-02	2.11E-02
2.030	1.07E-03	2.00E-02	2.11E-02
2.014	1.02E-03	2.00E-02	2.10E-02

2.000	9.69E-04	2.00E-02	2.10E-02
1.839	4.49E-04	2.00E-02	2.04E-02
1.847	4.77E-04	2.00E-02	2.05E-02
1.857	5.07E-04	2.00E-02	2.05E-02
1.867	5.39E-04	2.00E-02	2.05E-02
1.877	5.72E-04	2.00E-02	2.06E-02
1.888	6.07E-04	2.00E-02	2.06E-02
1.898	6.40E-04	2.00E-02	2.06E-02
1.908	6.71E-04	2.00E-02	2.07E-02
1.916	6.99E-04	2.00E-02	2.07E-02
1.925	7.27E-04	2.00E-02	2.07E-02
1.934	7.56E-04	2.00E-02	2.08E-02
1.944	7.88E-04	2.00E-02	2.08E-02
1.954	8.21E-04	2.00E-02	2.08E-02
1.965	8.56E-04	2.00E-02	2.09E-02
1.976	8.91E-04	2.00E-02	2.09E-02
1.987	9.27E-04	2.00E-02	2.09E-02
1.999	9.66E-04	2.00E-02	2.10E-02
2.012	1.01E-03	2.00E-02	2.10E-02
2.027	1.06E-03	2.00E-02	2.11E-02
2.043	1.11E-03	2.00E-02	2.11E-02
2.061	1.17E-03	2.00E-02	2.12E-02
2.082	1.24E-03	2.00E-02	2.12E-02
2.107	1.32E-03	2.00E-02	2.13E-02
2.136	1.41E-03	2.00E-02	2.14E-02
2.169	1.51E-03	2.00E-02	2.15E-02
2.207	1.64E-03	2.00E-02	2.16E-02
2.255	1.79E-03	2.00E-02	2.18E-02
2.314	1.98E-03	2.00E-02	2.20E-02
2.390	2.23E-03	2.00E-02	2.22E-02
2.496	2.57E-03	2.00E-02	2.26E-02
2.658	3.10E-03	2.00E-02	2.31E-02
2.932	3.98E-03	2.00E-02	2.40E-02
3.425	5.57E-03	2.00E-02	2.56E-02
4.227	8.17E-03	2.00E-02	2.82E-02
5.101	1.10E-02	2.00E-02	3.10E-02
4.733	9.80E-03	2.00E-02	2.98E-02
4.434	8.83E-03	2.00E-02	2.88E-02
4.122	7.83E-03	2.00E-02	2.78E-02
3.779	6.72E-03	2.00E-02	2.67E-02
3.514	5.86E-03	2.00E-02	2.59E-02
3.303	5.18E-03	2.00E-02	2.52E-02
3.127	4.61E-03	2.00E-02	2.46E-02
2.980	4.14E-03	2.00E-02	2.41E-02
2.857	3.74E-03	2.00E-02	2.37E-02
2.751	3.40E-03	2.00E-02	2.34E-02
2.659	3.10E-03	2.00E-02	2.31E-02
2.580	2.84E-03	2.00E-02	2.28E-02
2.510	2.62E-03	2.00E-02	2.26E-02
2.448	2.42E-03	2.00E-02	2.24E-02
2.393	2.24E-03	2.00E-02	2.22E-02
2.344	2.08E-03	2.00E-02	2.21E-02
2.300	1.94E-03	2.00E-02	2.19E-02
2.261	1.81E-03	2.00E-02	2.18E-02
2.226	1.70E-03	2.00E-02	2.17E-02

2.194	1.60E-03	2.00E-02	2.16E-02
2.165	1.50E-03	2.00E-02	2.15E-02
2.138	1.42E-03	2.00E-02	2.14E-02
2.114	1.34E-03	2.00E-02	2.13E-02
2.092	1.27E-03	2.00E-02	2.13E-02
2.072	1.20E-03	2.00E-02	2.12E-02
2.053	1.14E-03	2.00E-02	2.11E-02
2.035	1.08E-03	2.00E-02	2.11E-02
2.019	1.03E-03	2.00E-02	2.10E-02
2.004	9.84E-04	2.00E-02	2.10E-02
1.991	9.39E-04	2.00E-02	2.09E-02
1.852	4.90E-04	2.00E-02	2.05E-02
1.862	5.24E-04	2.00E-02	2.05E-02
1.874	5.61E-04	2.00E-02	2.06E-02
1.886	6.02E-04	2.00E-02	2.06E-02
1.900	6.46E-04	2.00E-02	2.06E-02
1.914	6.90E-04	2.00E-02	2.07E-02
1.927	7.33E-04	2.00E-02	2.07E-02
1.938	7.71E-04	2.00E-02	2.08E-02
1.949	8.04E-04	2.00E-02	2.08E-02
1.959	8.38E-04	2.00E-02	2.08E-02
1.970	8.74E-04	2.00E-02	2.09E-02
1.982	9.11E-04	2.00E-02	2.09E-02
1.993	9.48E-04	2.00E-02	2.09E-02
2.004	9.84E-04	2.00E-02	2.10E-02
2.016	1.02E-03	2.00E-02	2.10E-02
2.028	1.06E-03	2.00E-02	2.11E-02
2.041	1.10E-03	2.00E-02	2.11E-02
2.055	1.15E-03	2.00E-02	2.11E-02
2.072	1.20E-03	2.00E-02	2.12E-02
2.091	1.26E-03	2.00E-02	2.13E-02
2.114	1.34E-03	2.00E-02	2.13E-02
2.141	1.42E-03	2.00E-02	2.14E-02
2.172	1.53E-03	2.00E-02	2.15E-02
2.209	1.64E-03	2.00E-02	2.16E-02
2.252	1.78E-03	2.00E-02	2.18E-02
2.302	1.95E-03	2.00E-02	2.19E-02
2.363	2.14E-03	2.00E-02	2.21E-02
2.437	2.38E-03	2.00E-02	2.24E-02
2.530	2.68E-03	2.00E-02	2.27E-02
2.651	3.07E-03	2.00E-02	2.31E-02
2.825	3.64E-03	2.00E-02	2.36E-02
3.123	4.60E-03	2.00E-02	2.46E-02
3.744	6.61E-03	2.00E-02	2.66E-02
5.326	1.17E-02	2.00E-02	3.17E-02
4.956	1.05E-02	2.00E-02	3.05E-02
4.439	8.85E-03	2.00E-02	2.89E-02
4.121	7.82E-03	2.00E-02	2.78E-02
3.854	6.96E-03	2.00E-02	2.70E-02
3.758	6.65E-03	2.00E-02	2.66E-02
3.473	5.73E-03	2.00E-02	2.57E-02
3.257	5.03E-03	2.00E-02	2.50E-02
3.082	4.46E-03	2.00E-02	2.45E-02
2.936	4.00E-03	2.00E-02	2.40E-02
2.812	3.59E-03	2.00E-02	2.36E-02



2.710	3.27E-03	2.00E-02	2.33E-02
2.623	2.98E-03	2.00E-02	2.30E-02
2.546	2.73E-03	2.00E-02	2.27E-02
2.479	2.52E-03	2.00E-02	2.25E-02
2.420	2.33E-03	2.00E-02	2.23E-02
2.367	2.15E-03	2.00E-02	2.22E-02
2.320	2.00E-03	2.00E-02	2.20E-02
2.278	1.87E-03	2.00E-02	2.19E-02
2.241	1.75E-03	2.00E-02	2.17E-02
2.207	1.64E-03	2.00E-02	2.16E-02
2.176	1.54E-03	2.00E-02	2.15E-02
2.148	1.45E-03	2.00E-02	2.14E-02
2.123	1.37E-03	2.00E-02	2.14E-02
2.100	1.29E-03	2.00E-02	2.13E-02
2.079	1.22E-03	2.00E-02	2.12E-02
2.059	1.16E-03	2.00E-02	2.12E-02
2.041	1.10E-03	2.00E-02	2.11E-02
2.024	1.05E-03	2.00E-02	2.10E-02
2.009	9.97E-04	2.00E-02	2.10E-02
1.994	9.51E-04	2.00E-02	2.10E-02
1.981	9.08E-04	2.00E-02	2.09E-02
1.866	5.36E-04	2.00E-02	2.05E-02
1.879	5.78E-04	2.00E-02	2.06E-02
1.894	6.25E-04	2.00E-02	2.06E-02
1.910	6.79E-04	2.00E-02	2.07E-02
1.928	7.38E-04	2.00E-02	2.07E-02
1.947	7.99E-04	2.00E-02	2.08E-02
1.965	8.58E-04	2.00E-02	2.09E-02
1.981	9.07E-04	2.00E-02	2.09E-02
1.994	9.50E-04	2.00E-02	2.09E-02
2.007	9.92E-04	2.00E-02	2.10E-02
2.020	1.03E-03	2.00E-02	2.10E-02
2.032	1.07E-03	2.00E-02	2.11E-02
2.042	1.11E-03	2.00E-02	2.11E-02
2.052	1.14E-03	2.00E-02	2.11E-02
2.062	1.17E-03	2.00E-02	2.12E-02
2.073	1.21E-03	2.00E-02	2.12E-02
2.087	1.25E-03	2.00E-02	2.13E-02
2.103	1.30E-03	2.00E-02	2.13E-02
2.122	1.37E-03	2.00E-02	2.14E-02
2.146	1.44E-03	2.00E-02	2.14E-02
2.173	1.53E-03	2.00E-02	2.15E-02
2.207	1.64E-03	2.00E-02	2.16E-02
2.247	1.77E-03	2.00E-02	2.18E-02
2.295	1.92E-03	2.00E-02	2.19E-02
2.352	2.11E-03	2.00E-02	2.21E-02
2.421	2.33E-03	2.00E-02	2.23E-02
2.502	2.59E-03	2.00E-02	2.26E-02
2.600	2.91E-03	2.00E-02	2.29E-02
2.720	3.30E-03	2.00E-02	2.33E-02
2.867	3.77E-03	2.00E-02	2.38E-02
3.053	4.37E-03	2.00E-02	2.44E-02
3.345	5.32E-03	2.00E-02	2.53E-02
5.447	1.21E-02	2.00E-02	3.21E-02
4.933	1.04E-02	2.00E-02	3.04E-02

4.546	9.20E-03	2.00E-02	2.92E-02
4.278	8.33E-03	2.00E-02	2.83E-02
3.873	7.02E-03	2.00E-02	2.70E-02
3.581	6.08E-03	2.00E-02	2.61E-02
3.455	5.67E-03	2.00E-02	2.57E-02
3.459	5.68E-03	2.00E-02	2.57E-02
3.219	4.91E-03	2.00E-02	2.49E-02
3.039	4.33E-03	2.00E-02	2.43E-02
2.893	3.85E-03	2.00E-02	2.39E-02
2.771	3.46E-03	2.00E-02	2.35E-02
2.672	3.14E-03	2.00E-02	2.31E-02
2.586	2.86E-03	2.00E-02	2.29E-02
2.512	2.62E-03	2.00E-02	2.26E-02
2.448	2.42E-03	2.00E-02	2.24E-02
2.391	2.23E-03	2.00E-02	2.22E-02
2.341	2.07E-03	2.00E-02	2.21E-02
2.296	1.93E-03	2.00E-02	2.19E-02
2.256	1.80E-03	2.00E-02	2.18E-02
2.220	1.68E-03	2.00E-02	2.17E-02
2.188	1.58E-03	2.00E-02	2.16E-02
2.158	1.48E-03	2.00E-02	2.15E-02
2.132	1.40E-03	2.00E-02	2.14E-02
2.108	1.32E-03	2.00E-02	2.13E-02
2.086	1.25E-03	2.00E-02	2.12E-02
2.065	1.18E-03	2.00E-02	2.12E-02
2.046	1.12E-03	2.00E-02	2.11E-02
2.029	1.06E-03	2.00E-02	2.11E-02
2.013	1.01E-03	2.00E-02	2.10E-02
1.998	9.63E-04	2.00E-02	2.10E-02
1.984	9.18E-04	2.00E-02	2.09E-02
1.971	8.76E-04	2.00E-02	2.09E-02
1.883	5.90E-04	2.00E-02	2.06E-02
1.899	6.42E-04	2.00E-02	2.06E-02
1.918	7.03E-04	2.00E-02	2.07E-02
1.940	7.75E-04	2.00E-02	2.08E-02
1.965	8.58E-04	2.00E-02	2.09E-02
1.994	9.49E-04	2.00E-02	2.09E-02
2.022	1.04E-03	2.00E-02	2.10E-02
2.047	1.12E-03	2.00E-02	2.11E-02
2.066	1.18E-03	2.00E-02	2.12E-02
2.082	1.23E-03	2.00E-02	2.12E-02
2.092	1.27E-03	2.00E-02	2.13E-02
2.098	1.28E-03	2.00E-02	2.13E-02
2.102	1.30E-03	2.00E-02	2.13E-02
2.107	1.31E-03	2.00E-02	2.13E-02
2.114	1.34E-03	2.00E-02	2.13E-02
2.124	1.37E-03	2.00E-02	2.14E-02
2.137	1.41E-03	2.00E-02	2.14E-02
2.154	1.47E-03	2.00E-02	2.15E-02
2.177	1.54E-03	2.00E-02	2.15E-02
2.204	1.63E-03	2.00E-02	2.16E-02
2.238	1.74E-03	2.00E-02	2.17E-02
2.279	1.87E-03	2.00E-02	2.19E-02
2.330	2.04E-03	2.00E-02	2.20E-02
2.393	2.24E-03	2.00E-02	2.22E-02

2.469	2.48E-03	2.00E-02	2.25E-02
2.562	2.79E-03	2.00E-02	2.28E-02
2.678	3.16E-03	2.00E-02	2.32E-02
2.820	3.62E-03	2.00E-02	2.36E-02
2.993	4.18E-03	2.00E-02	2.42E-02
3.197	4.84E-03	2.00E-02	2.48E-02
3.439	5.62E-03	2.00E-02	2.56E-02
3.687	6.42E-03	2.00E-02	2.64E-02
4.991	1.06E-02	2.00E-02	3.06E-02
4.507	9.07E-03	2.00E-02	2.91E-02
4.151	7.92E-03	2.00E-02	2.79E-02
3.899	7.11E-03	2.00E-02	2.71E-02
3.737	6.58E-03	2.00E-02	2.66E-02
3.432	5.60E-03	2.00E-02	2.56E-02
3.291	5.14E-03	2.00E-02	2.51E-02
3.178	4.78E-03	2.00E-02	2.48E-02
3.228	4.94E-03	2.00E-02	2.49E-02
3.019	4.26E-03	2.00E-02	2.43E-02
2.860	3.75E-03	2.00E-02	2.37E-02
2.737	3.35E-03	2.00E-02	2.34E-02
2.637	3.03E-03	2.00E-02	2.30E-02
2.553	2.76E-03	2.00E-02	2.28E-02
2.480	2.52E-03	2.00E-02	2.25E-02
2.418	2.32E-03	2.00E-02	2.23E-02
2.364	2.15E-03	2.00E-02	2.21E-02
2.315	1.99E-03	2.00E-02	2.20E-02
2.273	1.85E-03	2.00E-02	2.19E-02
2.234	1.73E-03	2.00E-02	2.17E-02
2.200	1.62E-03	2.00E-02	2.16E-02
2.169	1.52E-03	2.00E-02	2.15E-02
2.141	1.43E-03	2.00E-02	2.14E-02
2.116	1.34E-03	2.00E-02	2.13E-02
2.093	1.27E-03	2.00E-02	2.13E-02
2.072	1.20E-03	2.00E-02	2.12E-02
2.052	1.14E-03	2.00E-02	2.11E-02
2.034	1.08E-03	2.00E-02	2.11E-02
2.017	1.02E-03	2.00E-02	2.10E-02
2.001	9.74E-04	2.00E-02	2.10E-02
1.987	9.28E-04	2.00E-02	2.09E-02
1.974	8.84E-04	2.00E-02	2.09E-02
1.961	8.44E-04	2.00E-02	2.08E-02
1.902	6.52E-04	2.00E-02	2.07E-02
1.922	7.19E-04	2.00E-02	2.07E-02
1.947	7.99E-04	2.00E-02	2.08E-02
1.978	8.97E-04	2.00E-02	2.09E-02
2.015	1.02E-03	2.00E-02	2.10E-02
2.062	1.17E-03	2.00E-02	2.12E-02
2.120	1.36E-03	2.00E-02	2.14E-02
2.178	1.54E-03	2.00E-02	2.15E-02
2.211	1.65E-03	2.00E-02	2.17E-02
2.211	1.65E-03	2.00E-02	2.17E-02
2.196	1.60E-03	2.00E-02	2.16E-02
2.181	1.56E-03	2.00E-02	2.16E-02
2.172	1.53E-03	2.00E-02	2.15E-02
2.168	1.51E-03	2.00E-02	2.15E-02

2.170	1.52E-03	2.00E-02	2.15E-02
2.177	1.54E-03	2.00E-02	2.15E-02
2.189	1.58E-03	2.00E-02	2.16E-02
2.208	1.64E-03	2.00E-02	2.16E-02
2.233	1.72E-03	2.00E-02	2.17E-02
2.265	1.83E-03	2.00E-02	2.18E-02
2.305	1.96E-03	2.00E-02	2.20E-02
2.356	2.12E-03	2.00E-02	2.21E-02
2.419	2.32E-03	2.00E-02	2.23E-02
2.498	2.58E-03	2.00E-02	2.26E-02
2.597	2.90E-03	2.00E-02	2.29E-02
2.722	3.30E-03	2.00E-02	2.33E-02
2.884	3.83E-03	2.00E-02	2.38E-02
3.091	4.50E-03	2.00E-02	2.45E-02
3.358	5.36E-03	2.00E-02	2.54E-02
3.706	6.48E-03	2.00E-02	2.65E-02
4.154	7.93E-03	2.00E-02	2.79E-02
4.577	9.30E-03	2.00E-02	2.93E-02
4.984	1.06E-02	2.00E-02	3.06E-02
4.458	8.91E-03	2.00E-02	2.89E-02
4.062	7.63E-03	2.00E-02	2.76E-02
3.768	6.68E-03	2.00E-02	2.67E-02
3.558	6.00E-03	2.00E-02	2.60E-02
3.414	5.54E-03	2.00E-02	2.55E-02
3.326	5.25E-03	2.00E-02	2.53E-02
3.189	4.81E-03	2.00E-02	2.48E-02
3.024	4.28E-03	2.00E-02	2.43E-02
2.922	3.95E-03	2.00E-02	2.39E-02
3.056	4.38E-03	2.00E-02	2.44E-02
2.863	3.76E-03	2.00E-02	2.38E-02
2.722	3.30E-03	2.00E-02	2.33E-02
2.614	2.96E-03	2.00E-02	2.30E-02
2.529	2.68E-03	2.00E-02	2.27E-02
2.457	2.44E-03	2.00E-02	2.24E-02
2.395	2.25E-03	2.00E-02	2.22E-02
2.341	2.07E-03	2.00E-02	2.21E-02
2.293	1.92E-03	2.00E-02	2.19E-02
2.252	1.78E-03	2.00E-02	2.18E-02
2.215	1.66E-03	2.00E-02	2.17E-02
2.182	1.56E-03	2.00E-02	2.16E-02
2.152	1.46E-03	2.00E-02	2.15E-02
2.126	1.38E-03	2.00E-02	2.14E-02
2.101	1.30E-03	2.00E-02	2.13E-02
2.078	1.22E-03	2.00E-02	2.12E-02
2.058	1.16E-03	2.00E-02	2.12E-02
2.039	1.09E-03	2.00E-02	2.11E-02
2.021	1.04E-03	2.00E-02	2.10E-02
2.005	9.85E-04	2.00E-02	2.10E-02
1.990	9.37E-04	2.00E-02	2.09E-02
1.976	8.92E-04	2.00E-02	2.09E-02
1.963	8.51E-04	2.00E-02	2.09E-02
1.951	8.13E-04	2.00E-02	2.08E-02
1.924	7.23E-04	2.00E-02	2.07E-02
1.950	8.09E-04	2.00E-02	2.08E-02
1.984	9.17E-04	2.00E-02	2.09E-02

2.027	1.06E-03	2.00E-02	2.11E-02
2.085	1.24E-03	2.00E-02	2.12E-02
2.173	1.53E-03	2.00E-02	2.15E-02
2.219	1.68E-03	2.00E-02	2.17E-02
2.210	1.65E-03	2.00E-02	2.16E-02
2.364	2.14E-03	2.00E-02	2.21E-02
2.411	2.30E-03	2.00E-02	2.23E-02
2.329	2.03E-03	2.00E-02	2.20E-02
2.280	1.87E-03	2.00E-02	2.19E-02
2.250	1.78E-03	2.00E-02	2.18E-02
2.234	1.72E-03	2.00E-02	2.17E-02
2.228	1.71E-03	2.00E-02	2.17E-02
2.232	1.72E-03	2.00E-02	2.17E-02
2.243	1.76E-03	2.00E-02	2.18E-02
2.262	1.82E-03	2.00E-02	2.18E-02
2.290	1.91E-03	2.00E-02	2.19E-02
2.326	2.02E-03	2.00E-02	2.20E-02
2.373	2.18E-03	2.00E-02	2.22E-02
2.433	2.37E-03	2.00E-02	2.24E-02
2.508	2.61E-03	2.00E-02	2.26E-02
2.603	2.92E-03	2.00E-02	2.29E-02
2.726	3.31E-03	2.00E-02	2.33E-02
2.884	3.83E-03	2.00E-02	2.38E-02
3.093	4.50E-03	2.00E-02	2.45E-02
3.372	5.40E-03	2.00E-02	2.54E-02
3.750	6.62E-03	2.00E-02	2.66E-02
4.310	8.43E-03	2.00E-02	2.84E-02
5.114	1.10E-02	2.00E-02	3.10E-02
6.310	1.49E-02	2.00E-02	3.49E-02
7.780	1.96E-02	2.00E-02	3.96E-02
4.541	9.18E-03	2.00E-02	2.92E-02
4.809	1.00E-02	2.00E-02	3.00E-02
4.315	8.45E-03	2.00E-02	2.85E-02
3.927	7.20E-03	2.00E-02	2.72E-02
3.634	6.25E-03	2.00E-02	2.62E-02
3.415	5.54E-03	2.00E-02	2.55E-02
3.248	5.00E-03	2.00E-02	2.50E-02
3.133	4.63E-03	2.00E-02	2.46E-02
3.055	4.38E-03	2.00E-02	2.44E-02
3.019	4.26E-03	2.00E-02	2.43E-02
3.040	4.33E-03	2.00E-02	2.43E-02
2.806	3.57E-03	2.00E-02	2.36E-02
2.780	3.49E-03	2.00E-02	2.35E-02
2.793	3.53E-03	2.00E-02	2.35E-02
2.746	3.38E-03	2.00E-02	2.34E-02
2.617	2.96E-03	2.00E-02	2.30E-02
2.521	2.65E-03	2.00E-02	2.27E-02
2.444	2.40E-03	2.00E-02	2.24E-02
2.379	2.19E-03	2.00E-02	2.22E-02
2.324	2.02E-03	2.00E-02	2.20E-02
2.276	1.86E-03	2.00E-02	2.19E-02
2.235	1.73E-03	2.00E-02	2.17E-02
2.199	1.61E-03	2.00E-02	2.16E-02
2.166	1.51E-03	2.00E-02	2.15E-02
2.137	1.41E-03	2.00E-02	2.14E-02

2.111	1.33E-03	2.00E-02	2.13E-02
2.087	1.25E-03	2.00E-02	2.12E-02
2.065	1.18E-03	2.00E-02	2.12E-02
2.044	1.11E-03	2.00E-02	2.11E-02
2.026	1.05E-03	2.00E-02	2.11E-02
2.009	9.97E-04	2.00E-02	2.10E-02
1.993	9.47E-04	2.00E-02	2.09E-02
1.978	9.00E-04	2.00E-02	2.09E-02
1.965	8.57E-04	2.00E-02	2.09E-02
1.953	8.17E-04	2.00E-02	2.08E-02
1.942	7.81E-04	2.00E-02	2.08E-02
1.950	8.07E-04	2.00E-02	2.08E-02
1.984	9.18E-04	2.00E-02	2.09E-02
2.029	1.06E-03	2.00E-02	2.11E-02
2.091	1.26E-03	2.00E-02	2.13E-02
2.185	1.57E-03	2.00E-02	2.16E-02
2.179	1.55E-03	2.00E-02	2.15E-02
2.316	1.99E-03	2.00E-02	2.20E-02
2.300	1.94E-03	2.00E-02	2.19E-02
2.399	2.26E-03	2.00E-02	2.23E-02
2.342	2.07E-03	2.00E-02	2.21E-02
2.487	2.54E-03	2.00E-02	2.25E-02
2.391	2.23E-03	2.00E-02	2.22E-02
2.336	2.05E-03	2.00E-02	2.21E-02
2.304	1.95E-03	2.00E-02	2.20E-02
2.289	1.90E-03	2.00E-02	2.19E-02
2.288	1.90E-03	2.00E-02	2.19E-02
2.298	1.93E-03	2.00E-02	2.19E-02
2.317	1.99E-03	2.00E-02	2.20E-02
2.346	2.09E-03	2.00E-02	2.21E-02
2.386	2.22E-03	2.00E-02	2.22E-02
2.438	2.39E-03	2.00E-02	2.24E-02
2.506	2.60E-03	2.00E-02	2.26E-02
2.590	2.88E-03	2.00E-02	2.29E-02
2.699	3.23E-03	2.00E-02	2.32E-02
2.840	3.69E-03	2.00E-02	2.37E-02
3.024	4.28E-03	2.00E-02	2.43E-02
3.267	5.06E-03	2.00E-02	2.51E-02
3.591	6.11E-03	2.00E-02	2.61E-02
4.047	7.58E-03	2.00E-02	2.76E-02
4.711	9.73E-03	2.00E-02	2.97E-02
5.674	1.28E-02	2.00E-02	3.28E-02
7.061	1.73E-02	2.00E-02	3.73E-02
8.531	2.21E-02	2.00E-02	4.21E-02
7.254	1.79E-02	2.00E-02	3.79E-02
4.776	9.94E-03	2.00E-02	2.99E-02
4.401	8.73E-03	2.00E-02	2.87E-02
4.024	7.51E-03	2.00E-02	2.75E-02
3.702	6.47E-03	2.00E-02	2.65E-02
3.448	5.65E-03	2.00E-02	2.57E-02
3.250	5.01E-03	2.00E-02	2.50E-02
3.100	4.52E-03	2.00E-02	2.45E-02
2.981	4.14E-03	2.00E-02	2.41E-02
2.894	3.86E-03	2.00E-02	2.39E-02
2.834	3.66E-03	2.00E-02	2.37E-02

2.803	3.56E-03	2.00E-02	2.36E-02
2.802	3.56E-03	2.00E-02	2.36E-02
2.844	3.70E-03	2.00E-02	2.37E-02
2.655	3.09E-03	2.00E-02	2.31E-02
2.619	2.97E-03	2.00E-02	2.30E-02
2.582	2.85E-03	2.00E-02	2.28E-02
2.668	3.13E-03	2.00E-02	2.31E-02
2.542	2.72E-03	2.00E-02	2.27E-02
2.449	2.42E-03	2.00E-02	2.24E-02
2.376	2.19E-03	2.00E-02	2.22E-02
2.316	1.99E-03	2.00E-02	2.20E-02
2.266	1.83E-03	2.00E-02	2.18E-02
2.223	1.69E-03	2.00E-02	2.17E-02
2.186	1.57E-03	2.00E-02	2.16E-02
2.154	1.47E-03	2.00E-02	2.15E-02
2.124	1.37E-03	2.00E-02	2.14E-02
2.097	1.28E-03	2.00E-02	2.13E-02
2.073	1.20E-03	2.00E-02	2.12E-02
2.051	1.13E-03	2.00E-02	2.11E-02
2.031	1.07E-03	2.00E-02	2.11E-02
2.013	1.01E-03	2.00E-02	2.10E-02
1.996	9.57E-04	2.00E-02	2.10E-02
1.981	9.08E-04	2.00E-02	2.09E-02
1.967	8.63E-04	2.00E-02	2.09E-02
1.954	8.22E-04	2.00E-02	2.08E-02
1.943	7.84E-04	2.00E-02	2.08E-02
1.932	7.49E-04	2.00E-02	2.07E-02
1.980	9.04E-04	2.00E-02	2.09E-02
2.025	1.05E-03	2.00E-02	2.10E-02
2.086	1.25E-03	2.00E-02	2.12E-02
2.177	1.54E-03	2.00E-02	2.15E-02
2.250	1.78E-03	2.00E-02	2.18E-02
2.285	1.89E-03	2.00E-02	2.19E-02
2.382	2.20E-03	2.00E-02	2.22E-02
2.605	2.92E-03	2.00E-02	2.29E-02
2.393	2.24E-03	2.00E-02	2.22E-02
2.380	2.20E-03	2.00E-02	2.22E-02
2.396	2.25E-03	2.00E-02	2.22E-02
2.535	2.70E-03	2.00E-02	2.27E-02
2.437	2.38E-03	2.00E-02	2.24E-02
2.383	2.21E-03	2.00E-02	2.22E-02
2.356	2.12E-03	2.00E-02	2.21E-02
2.347	2.09E-03	2.00E-02	2.21E-02
2.353	2.11E-03	2.00E-02	2.21E-02
2.371	2.17E-03	2.00E-02	2.22E-02
2.401	2.26E-03	2.00E-02	2.23E-02
2.442	2.40E-03	2.00E-02	2.24E-02
2.498	2.58E-03	2.00E-02	2.26E-02
2.570	2.81E-03	2.00E-02	2.28E-02
2.661	3.11E-03	2.00E-02	2.31E-02
2.778	3.49E-03	2.00E-02	2.35E-02
2.929	3.97E-03	2.00E-02	2.40E-02
3.122	4.60E-03	2.00E-02	2.46E-02
3.375	5.41E-03	2.00E-02	2.54E-02
3.705	6.48E-03	2.00E-02	2.65E-02

4.157	7.94E-03	2.00E-02	2.79E-02
4.763	9.90E-03	2.00E-02	2.99E-02
5.544	1.24E-02	2.00E-02	3.24E-02
6.399	1.52E-02	2.00E-02	3.52E-02
6.808	1.65E-02	2.00E-02	3.65E-02
6.073	1.41E-02	2.00E-02	3.41E-02
5.010	1.07E-02	2.00E-02	3.07E-02
4.390	8.69E-03	2.00E-02	2.87E-02
3.832	6.89E-03	2.00E-02	2.69E-02
3.614	6.19E-03	2.00E-02	2.62E-02
3.400	5.49E-03	2.00E-02	2.55E-02
3.216	4.90E-03	2.00E-02	2.49E-02
3.060	4.39E-03	2.00E-02	2.44E-02
2.933	3.99E-03	2.00E-02	2.40E-02
2.837	3.67E-03	2.00E-02	2.37E-02
2.758	3.42E-03	2.00E-02	2.34E-02
2.698	3.23E-03	2.00E-02	2.32E-02
2.656	3.09E-03	2.00E-02	2.31E-02
2.634	3.02E-03	2.00E-02	2.30E-02
2.628	3.00E-03	2.00E-02	2.30E-02
2.646	3.06E-03	2.00E-02	2.31E-02
2.698	3.22E-03	2.00E-02	2.32E-02
2.545	2.73E-03	2.00E-02	2.27E-02
2.450	2.42E-03	2.00E-02	2.24E-02
2.489	2.55E-03	2.00E-02	2.25E-02
2.613	2.95E-03	2.00E-02	2.29E-02
2.487	2.54E-03	2.00E-02	2.25E-02
2.392	2.24E-03	2.00E-02	2.22E-02
2.321	2.01E-03	2.00E-02	2.20E-02
2.265	1.83E-03	2.00E-02	2.18E-02
2.218	1.68E-03	2.00E-02	2.17E-02
2.178	1.55E-03	2.00E-02	2.15E-02
2.143	1.43E-03	2.00E-02	2.14E-02
2.111	1.33E-03	2.00E-02	2.13E-02
2.084	1.24E-03	2.00E-02	2.12E-02
2.059	1.16E-03	2.00E-02	2.12E-02
2.037	1.09E-03	2.00E-02	2.11E-02
2.018	1.03E-03	2.00E-02	2.10E-02
2.000	9.70E-04	2.00E-02	2.10E-02
1.984	9.18E-04	2.00E-02	2.09E-02
1.969	8.70E-04	2.00E-02	2.09E-02
1.956	8.27E-04	2.00E-02	2.08E-02
1.944	7.87E-04	2.00E-02	2.08E-02
1.932	7.51E-04	2.00E-02	2.08E-02
1.922	7.18E-04	2.00E-02	2.07E-02
2.015	1.02E-03	2.00E-02	2.10E-02
2.075	1.21E-03	2.00E-02	2.12E-02
2.160	1.49E-03	2.00E-02	2.15E-02
2.304	1.95E-03	2.00E-02	2.20E-02
2.267	1.83E-03	2.00E-02	2.18E-02
2.345	2.08E-03	2.00E-02	2.21E-02
2.549	2.74E-03	2.00E-02	2.27E-02
2.470	2.49E-03	2.00E-02	2.25E-02
2.485	2.54E-03	2.00E-02	2.25E-02
2.451	2.43E-03	2.00E-02	2.24E-02



2.375	2.18E-03	2.00E-02	2.22E-02
2.376	2.19E-03	2.00E-02	2.22E-02
2.585	2.86E-03	2.00E-02	2.29E-02
2.486	2.54E-03	2.00E-02	2.25E-02
2.436	2.38E-03	2.00E-02	2.24E-02
2.414	2.31E-03	2.00E-02	2.23E-02
2.411	2.30E-03	2.00E-02	2.23E-02
2.425	2.34E-03	2.00E-02	2.23E-02
2.453	2.43E-03	2.00E-02	2.24E-02
2.494	2.57E-03	2.00E-02	2.26E-02
2.550	2.75E-03	2.00E-02	2.27E-02
2.623	2.98E-03	2.00E-02	2.30E-02
2.716	3.28E-03	2.00E-02	2.33E-02
2.834	3.67E-03	2.00E-02	2.37E-02
2.983	4.15E-03	2.00E-02	2.41E-02
3.170	4.75E-03	2.00E-02	2.48E-02
3.404	5.51E-03	2.00E-02	2.55E-02
3.707	6.49E-03	2.00E-02	2.65E-02
4.086	7.71E-03	2.00E-02	2.77E-02
4.543	9.19E-03	2.00E-02	2.92E-02
5.036	1.08E-02	2.00E-02	3.08E-02
5.426	1.20E-02	2.00E-02	3.20E-02
5.467	1.22E-02	2.00E-02	3.22E-02
5.084	1.09E-02	2.00E-02	3.09E-02
4.583	9.32E-03	2.00E-02	2.93E-02
4.165	7.97E-03	2.00E-02	2.80E-02
3.856	6.97E-03	2.00E-02	2.70E-02
3.379	5.43E-03	2.00E-02	2.54E-02
3.234	4.96E-03	2.00E-02	2.50E-02
3.101	4.53E-03	2.00E-02	2.45E-02
2.978	4.13E-03	2.00E-02	2.41E-02
2.870	3.78E-03	2.00E-02	2.38E-02
2.777	3.48E-03	2.00E-02	2.35E-02
2.699	3.23E-03	2.00E-02	2.32E-02
2.635	3.02E-03	2.00E-02	2.30E-02
2.583	2.85E-03	2.00E-02	2.29E-02
2.543	2.72E-03	2.00E-02	2.27E-02
2.516	2.64E-03	2.00E-02	2.26E-02
2.502	2.59E-03	2.00E-02	2.26E-02
2.497	2.58E-03	2.00E-02	2.26E-02
2.507	2.61E-03	2.00E-02	2.26E-02
2.536	2.70E-03	2.00E-02	2.27E-02
2.597	2.90E-03	2.00E-02	2.29E-02
2.466	2.47E-03	2.00E-02	2.25E-02
2.462	2.46E-03	2.00E-02	2.25E-02
2.451	2.43E-03	2.00E-02	2.24E-02
2.577	2.83E-03	2.00E-02	2.28E-02
2.439	2.39E-03	2.00E-02	2.24E-02
2.345	2.09E-03	2.00E-02	2.21E-02
2.275	1.86E-03	2.00E-02	2.19E-02
2.218	1.67E-03	2.00E-02	2.17E-02
2.171	1.52E-03	2.00E-02	2.15E-02
2.131	1.39E-03	2.00E-02	2.14E-02
2.098	1.29E-03	2.00E-02	2.13E-02
2.070	1.20E-03	2.00E-02	2.12E-02

2.045	1.12E-03	2.00E-02	2.11E-02
2.023	1.05E-03	2.00E-02	2.10E-02
2.004	9.84E-04	2.00E-02	2.10E-02
1.987	9.29E-04	2.00E-02	2.09E-02
1.972	8.79E-04	2.00E-02	2.09E-02
1.958	8.33E-04	2.00E-02	2.08E-02
1.945	7.92E-04	2.00E-02	2.08E-02
1.933	7.53E-04	2.00E-02	2.08E-02
1.922	7.19E-04	2.00E-02	2.07E-02
2.138	1.42E-03	2.00E-02	2.14E-02
2.269	1.84E-03	2.00E-02	2.18E-02
2.244	1.76E-03	2.00E-02	2.18E-02
2.320	2.00E-03	2.00E-02	2.20E-02
2.426	2.35E-03	2.00E-02	2.23E-02
2.420	2.33E-03	2.00E-02	2.23E-02
2.381	2.20E-03	2.00E-02	2.22E-02
2.390	2.23E-03	2.00E-02	2.22E-02
2.444	2.40E-03	2.00E-02	2.24E-02
2.556	2.77E-03	2.00E-02	2.28E-02
2.392	2.24E-03	2.00E-02	2.22E-02
2.325	2.02E-03	2.00E-02	2.20E-02
2.523	2.66E-03	2.00E-02	2.27E-02
2.543	2.72E-03	2.00E-02	2.27E-02
2.493	2.56E-03	2.00E-02	2.26E-02
2.477	2.51E-03	2.00E-02	2.25E-02
2.482	2.53E-03	2.00E-02	2.25E-02
2.504	2.60E-03	2.00E-02	2.26E-02
2.542	2.72E-03	2.00E-02	2.27E-02
2.595	2.89E-03	2.00E-02	2.29E-02
2.665	3.12E-03	2.00E-02	2.31E-02
2.754	3.41E-03	2.00E-02	2.34E-02
2.865	3.77E-03	2.00E-02	2.38E-02
3.004	4.21E-03	2.00E-02	2.42E-02
3.171	4.75E-03	2.00E-02	2.48E-02
3.376	5.42E-03	2.00E-02	2.54E-02
3.623	6.21E-03	2.00E-02	2.62E-02
3.905	7.13E-03	2.00E-02	2.71E-02
4.207	8.10E-03	2.00E-02	2.81E-02
4.476	8.97E-03	2.00E-02	2.90E-02
4.629	9.47E-03	2.00E-02	2.95E-02
4.583	9.32E-03	2.00E-02	2.93E-02
4.366	8.61E-03	2.00E-02	2.86E-02
4.089	7.72E-03	2.00E-02	2.77E-02
3.810	6.82E-03	2.00E-02	2.68E-02
3.553	5.99E-03	2.00E-02	2.60E-02
3.302	5.18E-03	2.00E-02	2.52E-02
3.083	4.47E-03	2.00E-02	2.45E-02
2.928	3.97E-03	2.00E-02	2.40E-02
2.814	3.60E-03	2.00E-02	2.36E-02
2.724	3.31E-03	2.00E-02	2.33E-02
2.648	3.06E-03	2.00E-02	2.31E-02
2.585	2.86E-03	2.00E-02	2.29E-02
2.532	2.69E-03	2.00E-02	2.27E-02
2.487	2.54E-03	2.00E-02	2.25E-02
2.453	2.43E-03	2.00E-02	2.24E-02

2.426	2.35E-03	2.00E-02	2.23E-02
2.409	2.29E-03	2.00E-02	2.23E-02
2.400	2.26E-03	2.00E-02	2.23E-02
2.399	2.26E-03	2.00E-02	2.23E-02
2.406	2.28E-03	2.00E-02	2.23E-02
2.427	2.35E-03	2.00E-02	2.23E-02
2.466	2.48E-03	2.00E-02	2.25E-02
2.532	2.69E-03	2.00E-02	2.27E-02
2.516	2.64E-03	2.00E-02	2.26E-02
2.351	2.10E-03	2.00E-02	2.21E-02
2.395	2.25E-03	2.00E-02	2.22E-02
2.545	2.73E-03	2.00E-02	2.27E-02
2.391	2.23E-03	2.00E-02	2.22E-02
2.288	1.90E-03	2.00E-02	2.19E-02
2.215	1.66E-03	2.00E-02	2.17E-02
2.160	1.49E-03	2.00E-02	2.15E-02
2.118	1.35E-03	2.00E-02	2.13E-02
2.083	1.24E-03	2.00E-02	2.12E-02
2.055	1.15E-03	2.00E-02	2.11E-02
2.030	1.07E-03	2.00E-02	2.11E-02
2.009	1.00E-03	2.00E-02	2.10E-02
1.991	9.40E-04	2.00E-02	2.09E-02
1.974	8.87E-04	2.00E-02	2.09E-02
1.960	8.39E-04	2.00E-02	2.08E-02
1.947	7.97E-04	2.00E-02	2.08E-02
1.934	7.57E-04	2.00E-02	2.08E-02
1.923	7.21E-04	2.00E-02	2.07E-02
1.913	6.88E-04	2.00E-02	2.07E-02
2.232	1.72E-03	2.00E-02	2.17E-02
2.207	1.64E-03	2.00E-02	2.16E-02
2.196	1.60E-03	2.00E-02	2.16E-02
2.435	2.38E-03	2.00E-02	2.24E-02
2.398	2.26E-03	2.00E-02	2.23E-02
2.333	2.05E-03	2.00E-02	2.20E-02
2.311	1.97E-03	2.00E-02	2.20E-02
2.320	2.01E-03	2.00E-02	2.20E-02
2.359	2.13E-03	2.00E-02	2.21E-02
2.429	2.35E-03	2.00E-02	2.24E-02
2.542	2.72E-03	2.00E-02	2.27E-02
2.401	2.27E-03	2.00E-02	2.23E-02
2.434	2.37E-03	2.00E-02	2.24E-02
2.551	2.75E-03	2.00E-02	2.28E-02
2.604	2.92E-03	2.00E-02	2.29E-02
2.557	2.77E-03	2.00E-02	2.28E-02
2.545	2.73E-03	2.00E-02	2.27E-02
2.557	2.77E-03	2.00E-02	2.28E-02
2.586	2.86E-03	2.00E-02	2.29E-02
2.632	3.01E-03	2.00E-02	2.30E-02
2.694	3.21E-03	2.00E-02	2.32E-02
2.775	3.47E-03	2.00E-02	2.35E-02
2.874	3.80E-03	2.00E-02	2.38E-02
2.995	4.18E-03	2.00E-02	2.42E-02
3.135	4.64E-03	2.00E-02	2.46E-02
3.303	5.18E-03	2.00E-02	2.52E-02
3.489	5.78E-03	2.00E-02	2.58E-02

3.683	6.41E-03	2.00E-02	2.64E-02
3.864	6.99E-03	2.00E-02	2.70E-02
3.998	7.43E-03	2.00E-02	2.74E-02
4.044	7.58E-03	2.00E-02	2.76E-02
3.982	7.37E-03	2.00E-02	2.74E-02
3.842	6.92E-03	2.00E-02	2.69E-02
3.665	6.35E-03	2.00E-02	2.63E-02
3.464	5.70E-03	2.00E-02	2.57E-02
3.254	5.02E-03	2.00E-02	2.50E-02
3.049	4.36E-03	2.00E-02	2.44E-02
2.875	3.80E-03	2.00E-02	2.38E-02
2.743	3.37E-03	2.00E-02	2.34E-02
2.644	3.05E-03	2.00E-02	2.31E-02
2.567	2.80E-03	2.00E-02	2.28E-02
2.507	2.61E-03	2.00E-02	2.26E-02
2.458	2.45E-03	2.00E-02	2.24E-02
2.418	2.32E-03	2.00E-02	2.23E-02
2.384	2.21E-03	2.00E-02	2.22E-02
2.359	2.13E-03	2.00E-02	2.21E-02
2.341	2.07E-03	2.00E-02	2.21E-02
2.330	2.03E-03	2.00E-02	2.20E-02
2.325	2.02E-03	2.00E-02	2.20E-02
2.326	2.02E-03	2.00E-02	2.20E-02
2.336	2.05E-03	2.00E-02	2.21E-02
2.355	2.12E-03	2.00E-02	2.21E-02
2.387	2.22E-03	2.00E-02	2.22E-02
2.439	2.39E-03	2.00E-02	2.24E-02
2.517	2.64E-03	2.00E-02	2.26E-02
2.541	2.72E-03	2.00E-02	2.27E-02
2.340	2.07E-03	2.00E-02	2.21E-02
2.464	2.47E-03	2.00E-02	2.25E-02
2.415	2.31E-03	2.00E-02	2.23E-02
2.280	1.87E-03	2.00E-02	2.19E-02
2.198	1.61E-03	2.00E-02	2.16E-02
2.142	1.43E-03	2.00E-02	2.14E-02
2.100	1.29E-03	2.00E-02	2.13E-02
2.066	1.18E-03	2.00E-02	2.12E-02
2.038	1.09E-03	2.00E-02	2.11E-02
2.015	1.02E-03	2.00E-02	2.10E-02
1.995	9.53E-04	2.00E-02	2.10E-02
1.977	8.96E-04	2.00E-02	2.09E-02
1.962	8.46E-04	2.00E-02	2.08E-02
1.948	8.01E-04	2.00E-02	2.08E-02
1.935	7.60E-04	2.00E-02	2.08E-02
1.924	7.23E-04	2.00E-02	2.07E-02
1.913	6.89E-04	2.00E-02	2.07E-02
1.904	6.58E-04	2.00E-02	2.07E-02
2.268	1.83E-03	2.00E-02	2.18E-02
2.259	1.81E-03	2.00E-02	2.18E-02
2.400	2.26E-03	2.00E-02	2.23E-02
2.386	2.22E-03	2.00E-02	2.22E-02
2.305	1.95E-03	2.00E-02	2.20E-02
2.266	1.83E-03	2.00E-02	2.18E-02
2.256	1.80E-03	2.00E-02	2.18E-02
2.268	1.84E-03	2.00E-02	2.18E-02

2.299	1.94E-03	2.00E-02	2.19E-02
2.350	2.10E-03	2.00E-02	2.21E-02
2.427	2.35E-03	2.00E-02	2.23E-02
2.542	2.72E-03	2.00E-02	2.27E-02
2.439	2.39E-03	2.00E-02	2.24E-02
2.392	2.24E-03	2.00E-02	2.22E-02
2.491	2.55E-03	2.00E-02	2.26E-02
2.670	3.14E-03	2.00E-02	2.31E-02
2.625	2.99E-03	2.00E-02	2.30E-02
2.615	2.96E-03	2.00E-02	2.30E-02
2.630	3.01E-03	2.00E-02	2.30E-02
2.664	3.11E-03	2.00E-02	2.31E-02
2.715	3.28E-03	2.00E-02	2.33E-02
2.783	3.50E-03	2.00E-02	2.35E-02
2.866	3.77E-03	2.00E-02	2.38E-02
2.963	4.08E-03	2.00E-02	2.41E-02
3.078	4.45E-03	2.00E-02	2.45E-02
3.203	4.86E-03	2.00E-02	2.49E-02
3.335	5.28E-03	2.00E-02	2.53E-02
3.459	5.69E-03	2.00E-02	2.57E-02
3.561	6.01E-03	2.00E-02	2.60E-02
3.620	6.20E-03	2.00E-02	2.62E-02
3.620	6.20E-03	2.00E-02	2.62E-02
3.558	6.01E-03	2.00E-02	2.60E-02
3.457	5.68E-03	2.00E-02	2.57E-02
3.330	5.27E-03	2.00E-02	2.53E-02
3.180	4.78E-03	2.00E-02	2.48E-02
3.016	4.25E-03	2.00E-02	2.43E-02
2.853	3.73E-03	2.00E-02	2.37E-02
2.716	3.28E-03	2.00E-02	2.33E-02
2.609	2.94E-03	2.00E-02	2.29E-02
2.526	2.67E-03	2.00E-02	2.27E-02
2.461	2.46E-03	2.00E-02	2.25E-02
2.410	2.29E-03	2.00E-02	2.23E-02
2.370	2.16E-03	2.00E-02	2.22E-02
2.338	2.06E-03	2.00E-02	2.21E-02
2.311	1.98E-03	2.00E-02	2.20E-02
2.292	1.91E-03	2.00E-02	2.19E-02
2.279	1.87E-03	2.00E-02	2.19E-02
2.272	1.85E-03	2.00E-02	2.19E-02
2.272	1.85E-03	2.00E-02	2.18E-02
2.277	1.86E-03	2.00E-02	2.19E-02
2.290	1.91E-03	2.00E-02	2.19E-02
2.313	1.98E-03	2.00E-02	2.20E-02
2.350	2.10E-03	2.00E-02	2.21E-02
2.407	2.28E-03	2.00E-02	2.23E-02
2.506	2.60E-03	2.00E-02	2.26E-02
2.433	2.37E-03	2.00E-02	2.24E-02
2.336	2.05E-03	2.00E-02	2.21E-02
2.459	2.45E-03	2.00E-02	2.25E-02
2.356	2.12E-03	2.00E-02	2.21E-02
2.242	1.75E-03	2.00E-02	2.18E-02
2.169	1.52E-03	2.00E-02	2.15E-02
2.118	1.35E-03	2.00E-02	2.13E-02
2.078	1.22E-03	2.00E-02	2.12E-02

2.047	1.12E-03	2.00E-02	2.11E-02
2.021	1.04E-03	2.00E-02	2.10E-02
1.999	9.67E-04	2.00E-02	2.10E-02
1.980	9.06E-04	2.00E-02	2.09E-02
1.964	8.53E-04	2.00E-02	2.09E-02
1.949	8.06E-04	2.00E-02	2.08E-02
1.936	7.63E-04	2.00E-02	2.08E-02
1.924	7.25E-04	2.00E-02	2.07E-02
1.914	6.90E-04	2.00E-02	2.07E-02
1.904	6.58E-04	2.00E-02	2.07E-02
2.117	1.35E-03	2.00E-02	2.13E-02
2.244	1.76E-03	2.00E-02	2.18E-02
2.369	2.16E-03	2.00E-02	2.22E-02
2.279	1.87E-03	2.00E-02	2.19E-02
2.233	1.72E-03	2.00E-02	2.17E-02
2.213	1.66E-03	2.00E-02	2.17E-02
2.213	1.66E-03	2.00E-02	2.17E-02
2.227	1.70E-03	2.00E-02	2.17E-02
2.255	1.79E-03	2.00E-02	2.18E-02
2.298	1.93E-03	2.00E-02	2.19E-02
2.356	2.12E-03	2.00E-02	2.21E-02
2.436	2.38E-03	2.00E-02	2.24E-02
2.551	2.75E-03	2.00E-02	2.27E-02
2.454	2.44E-03	2.00E-02	2.24E-02
2.509	2.61E-03	2.00E-02	2.26E-02
2.568	2.81E-03	2.00E-02	2.28E-02
2.738	3.35E-03	2.00E-02	2.34E-02
2.690	3.20E-03	2.00E-02	2.32E-02
2.681	3.17E-03	2.00E-02	2.32E-02
2.696	3.22E-03	2.00E-02	2.32E-02
2.731	3.33E-03	2.00E-02	2.33E-02
2.781	3.49E-03	2.00E-02	2.35E-02
2.845	3.70E-03	2.00E-02	2.37E-02
2.922	3.95E-03	2.00E-02	2.39E-02
3.006	4.22E-03	2.00E-02	2.42E-02
3.096	4.51E-03	2.00E-02	2.45E-02
3.182	4.79E-03	2.00E-02	2.48E-02
3.256	5.03E-03	2.00E-02	2.50E-02
3.309	5.20E-03	2.00E-02	2.52E-02
3.327	5.26E-03	2.00E-02	2.53E-02
3.305	5.19E-03	2.00E-02	2.52E-02
3.249	5.01E-03	2.00E-02	2.50E-02
3.171	4.75E-03	2.00E-02	2.48E-02
3.073	4.44E-03	2.00E-02	2.44E-02
2.958	4.06E-03	2.00E-02	2.41E-02
2.830	3.65E-03	2.00E-02	2.37E-02
2.705	3.25E-03	2.00E-02	2.32E-02
2.596	2.89E-03	2.00E-02	2.29E-02
2.507	2.61E-03	2.00E-02	2.26E-02
2.437	2.38E-03	2.00E-02	2.24E-02
2.383	2.21E-03	2.00E-02	2.22E-02
2.339	2.06E-03	2.00E-02	2.21E-02
2.306	1.96E-03	2.00E-02	2.20E-02
2.280	1.87E-03	2.00E-02	2.19E-02
2.259	1.81E-03	2.00E-02	2.18E-02

2.245	1.76E-03	2.00E-02	2.18E-02
2.236	1.73E-03	2.00E-02	2.17E-02
2.233	1.72E-03	2.00E-02	2.17E-02
2.236	1.73E-03	2.00E-02	2.17E-02
2.246	1.76E-03	2.00E-02	2.18E-02
2.265	1.83E-03	2.00E-02	2.18E-02
2.298	1.93E-03	2.00E-02	2.19E-02
2.349	2.10E-03	2.00E-02	2.21E-02
2.440	2.39E-03	2.00E-02	2.24E-02
2.397	2.25E-03	2.00E-02	2.23E-02
2.425	2.34E-03	2.00E-02	2.23E-02
2.495	2.57E-03	2.00E-02	2.26E-02
2.417	2.32E-03	2.00E-02	2.23E-02
2.283	1.88E-03	2.00E-02	2.19E-02
2.196	1.60E-03	2.00E-02	2.16E-02
2.136	1.41E-03	2.00E-02	2.14E-02
2.091	1.26E-03	2.00E-02	2.13E-02
2.056	1.15E-03	2.00E-02	2.11E-02
2.027	1.06E-03	2.00E-02	2.11E-02
2.004	9.82E-04	2.00E-02	2.10E-02
1.984	9.16E-04	2.00E-02	2.09E-02
1.966	8.60E-04	2.00E-02	2.09E-02
1.951	8.11E-04	2.00E-02	2.08E-02
1.937	7.67E-04	2.00E-02	2.08E-02
1.925	7.27E-04	2.00E-02	2.07E-02
1.914	6.91E-04	2.00E-02	2.07E-02
1.904	6.58E-04	2.00E-02	2.07E-02
1.895	6.29E-04	2.00E-02	2.06E-02
2.334	2.05E-03	2.00E-02	2.20E-02
2.243	1.76E-03	2.00E-02	2.18E-02
2.199	1.61E-03	2.00E-02	2.16E-02
2.177	1.54E-03	2.00E-02	2.15E-02
2.172	1.52E-03	2.00E-02	2.15E-02
2.179	1.55E-03	2.00E-02	2.15E-02
2.196	1.60E-03	2.00E-02	2.16E-02
2.223	1.69E-03	2.00E-02	2.17E-02
2.259	1.81E-03	2.00E-02	2.18E-02
2.306	1.96E-03	2.00E-02	2.20E-02
2.368	2.16E-03	2.00E-02	2.22E-02
2.449	2.42E-03	2.00E-02	2.24E-02
2.561	2.78E-03	2.00E-02	2.28E-02
2.583	2.85E-03	2.00E-02	2.29E-02
2.546	2.73E-03	2.00E-02	2.27E-02
2.579	2.84E-03	2.00E-02	2.28E-02
2.802	3.56E-03	2.00E-02	2.36E-02
2.749	3.39E-03	2.00E-02	2.34E-02
2.736	3.35E-03	2.00E-02	2.33E-02
2.747	3.38E-03	2.00E-02	2.34E-02
2.777	3.48E-03	2.00E-02	2.35E-02
2.821	3.62E-03	2.00E-02	2.36E-02
2.876	3.80E-03	2.00E-02	2.38E-02
2.933	3.98E-03	2.00E-02	2.40E-02
2.991	4.17E-03	2.00E-02	2.42E-02
3.043	4.34E-03	2.00E-02	2.43E-02
3.084	4.47E-03	2.00E-02	2.45E-02

3.104	4.54E-03	2.00E-02	2.45E-02
3.099	4.52E-03	2.00E-02	2.45E-02
3.069	4.42E-03	2.00E-02	2.44E-02
3.019	4.26E-03	2.00E-02	2.43E-02
2.955	4.05E-03	2.00E-02	2.41E-02
2.878	3.81E-03	2.00E-02	2.38E-02
2.787	3.51E-03	2.00E-02	2.35E-02
2.688	3.19E-03	2.00E-02	2.32E-02
2.590	2.88E-03	2.00E-02	2.29E-02
2.503	2.59E-03	2.00E-02	2.26E-02
2.428	2.35E-03	2.00E-02	2.24E-02
2.369	2.16E-03	2.00E-02	2.22E-02
2.323	2.01E-03	2.00E-02	2.20E-02
2.286	1.89E-03	2.00E-02	2.19E-02
2.258	1.80E-03	2.00E-02	2.18E-02
2.236	1.73E-03	2.00E-02	2.17E-02
2.221	1.68E-03	2.00E-02	2.17E-02
2.210	1.65E-03	2.00E-02	2.16E-02
2.206	1.63E-03	2.00E-02	2.16E-02
2.207	1.64E-03	2.00E-02	2.16E-02
2.215	1.67E-03	2.00E-02	2.17E-02
2.233	1.72E-03	2.00E-02	2.17E-02
2.262	1.82E-03	2.00E-02	2.18E-02
2.311	1.97E-03	2.00E-02	2.20E-02
2.396	2.25E-03	2.00E-02	2.22E-02
2.350	2.10E-03	2.00E-02	2.21E-02
2.310	1.97E-03	2.00E-02	2.20E-02
2.526	2.67E-03	2.00E-02	2.27E-02
2.449	2.42E-03	2.00E-02	2.24E-02
2.313	1.98E-03	2.00E-02	2.20E-02
2.219	1.68E-03	2.00E-02	2.17E-02
2.152	1.46E-03	2.00E-02	2.15E-02
2.103	1.30E-03	2.00E-02	2.13E-02
2.065	1.18E-03	2.00E-02	2.12E-02
2.034	1.08E-03	2.00E-02	2.11E-02
2.008	9.97E-04	2.00E-02	2.10E-02
1.987	9.27E-04	2.00E-02	2.09E-02
1.969	8.68E-04	2.00E-02	2.09E-02
1.953	8.16E-04	2.00E-02	2.08E-02
1.938	7.70E-04	2.00E-02	2.08E-02
1.926	7.29E-04	2.00E-02	2.07E-02
1.914	6.93E-04	2.00E-02	2.07E-02
1.904	6.59E-04	2.00E-02	2.07E-02
1.894	6.28E-04	2.00E-02	2.06E-02
1.886	6.00E-04	2.00E-02	2.06E-02
2.188	1.58E-03	2.00E-02	2.16E-02
2.156	1.47E-03	2.00E-02	2.15E-02
2.139	1.42E-03	2.00E-02	2.14E-02
2.135	1.40E-03	2.00E-02	2.14E-02
2.139	1.42E-03	2.00E-02	2.14E-02
2.151	1.46E-03	2.00E-02	2.15E-02
2.170	1.52E-03	2.00E-02	2.15E-02
2.197	1.61E-03	2.00E-02	2.16E-02
2.229	1.71E-03	2.00E-02	2.17E-02
2.269	1.84E-03	2.00E-02	2.18E-02



2.320	2.00E-03	2.00E-02	2.20E-02
2.383	2.21E-03	2.00E-02	2.22E-02
2.465	2.47E-03	2.00E-02	2.25E-02
2.575	2.83E-03	2.00E-02	2.28E-02
2.509	2.61E-03	2.00E-02	2.26E-02
2.580	2.84E-03	2.00E-02	2.28E-02
2.658	3.10E-03	2.00E-02	2.31E-02
2.859	3.75E-03	2.00E-02	2.37E-02
2.793	3.53E-03	2.00E-02	2.35E-02
2.775	3.47E-03	2.00E-02	2.35E-02
2.779	3.49E-03	2.00E-02	2.35E-02
2.802	3.56E-03	2.00E-02	2.36E-02
2.831	3.65E-03	2.00E-02	2.37E-02
2.864	3.76E-03	2.00E-02	2.38E-02
2.896	3.87E-03	2.00E-02	2.39E-02
2.924	3.95E-03	2.00E-02	2.40E-02
2.940	4.01E-03	2.00E-02	2.40E-02
2.940	4.01E-03	2.00E-02	2.40E-02
2.922	3.95E-03	2.00E-02	2.39E-02
2.889	3.84E-03	2.00E-02	2.38E-02
2.845	3.70E-03	2.00E-02	2.37E-02
2.791	3.53E-03	2.00E-02	2.35E-02
2.727	3.32E-03	2.00E-02	2.33E-02
2.655	3.09E-03	2.00E-02	2.31E-02
2.578	2.84E-03	2.00E-02	2.28E-02
2.501	2.59E-03	2.00E-02	2.26E-02
2.429	2.36E-03	2.00E-02	2.24E-02
2.367	2.16E-03	2.00E-02	2.22E-02
2.316	1.99E-03	2.00E-02	2.20E-02
2.276	1.86E-03	2.00E-02	2.19E-02
2.245	1.76E-03	2.00E-02	2.18E-02
2.221	1.68E-03	2.00E-02	2.17E-02
2.204	1.63E-03	2.00E-02	2.16E-02
2.192	1.59E-03	2.00E-02	2.16E-02
2.186	1.57E-03	2.00E-02	2.16E-02
2.186	1.57E-03	2.00E-02	2.16E-02
2.193	1.59E-03	2.00E-02	2.16E-02
2.209	1.64E-03	2.00E-02	2.16E-02
2.236	1.73E-03	2.00E-02	2.17E-02
2.282	1.88E-03	2.00E-02	2.19E-02
2.363	2.14E-03	2.00E-02	2.21E-02
2.411	2.30E-03	2.00E-02	2.23E-02
2.387	2.22E-03	2.00E-02	2.22E-02
2.398	2.26E-03	2.00E-02	2.23E-02
2.466	2.48E-03	2.00E-02	2.25E-02
2.329	2.03E-03	2.00E-02	2.20E-02
2.236	1.73E-03	2.00E-02	2.17E-02
2.166	1.51E-03	2.00E-02	2.15E-02
2.114	1.34E-03	2.00E-02	2.13E-02
2.073	1.20E-03	2.00E-02	2.12E-02
2.040	1.10E-03	2.00E-02	2.11E-02
2.013	1.01E-03	2.00E-02	2.10E-02
1.991	9.39E-04	2.00E-02	2.09E-02
1.971	8.76E-04	2.00E-02	2.09E-02
1.954	8.22E-04	2.00E-02	2.08E-02

1.940	7.74E-04	2.00E-02	2.08E-02
1.927	7.32E-04	2.00E-02	2.07E-02
1.915	6.94E-04	2.00E-02	2.07E-02
1.904	6.60E-04	2.00E-02	2.07E-02
1.894	6.29E-04	2.00E-02	2.06E-02
1.886	6.00E-04	2.00E-02	2.06E-02
2.106	1.31E-03	2.00E-02	2.13E-02
2.099	1.29E-03	2.00E-02	2.13E-02
2.099	1.29E-03	2.00E-02	2.13E-02
2.104	1.31E-03	2.00E-02	2.13E-02
2.114	1.34E-03	2.00E-02	2.13E-02
2.129	1.39E-03	2.00E-02	2.14E-02
2.149	1.45E-03	2.00E-02	2.15E-02
2.174	1.53E-03	2.00E-02	2.15E-02
2.204	1.63E-03	2.00E-02	2.16E-02
2.240	1.74E-03	2.00E-02	2.17E-02
2.283	1.88E-03	2.00E-02	2.19E-02
2.335	2.05E-03	2.00E-02	2.21E-02
2.400	2.26E-03	2.00E-02	2.23E-02
2.481	2.52E-03	2.00E-02	2.25E-02
2.586	2.86E-03	2.00E-02	2.29E-02
2.617	2.96E-03	2.00E-02	2.30E-02
2.597	2.90E-03	2.00E-02	2.29E-02
2.642	3.04E-03	2.00E-02	2.30E-02
2.765	3.44E-03	2.00E-02	2.34E-02
2.828	3.64E-03	2.00E-02	2.36E-02
2.799	3.55E-03	2.00E-02	2.36E-02
2.790	3.52E-03	2.00E-02	2.35E-02
2.795	3.54E-03	2.00E-02	2.35E-02
2.805	3.57E-03	2.00E-02	2.36E-02
2.816	3.61E-03	2.00E-02	2.36E-02
2.824	3.63E-03	2.00E-02	2.36E-02
2.822	3.63E-03	2.00E-02	2.36E-02
2.809	3.58E-03	2.00E-02	2.36E-02
2.785	3.51E-03	2.00E-02	2.35E-02
2.752	3.40E-03	2.00E-02	2.34E-02
2.711	3.27E-03	2.00E-02	2.33E-02
2.664	3.12E-03	2.00E-02	2.31E-02
2.611	2.94E-03	2.00E-02	2.29E-02
2.553	2.76E-03	2.00E-02	2.28E-02
2.491	2.56E-03	2.00E-02	2.26E-02
2.429	2.36E-03	2.00E-02	2.24E-02
2.371	2.17E-03	2.00E-02	2.22E-02
2.319	2.00E-03	2.00E-02	2.20E-02
2.275	1.86E-03	2.00E-02	2.19E-02
2.241	1.75E-03	2.00E-02	2.17E-02
2.214	1.66E-03	2.00E-02	2.17E-02
2.193	1.59E-03	2.00E-02	2.16E-02
2.180	1.55E-03	2.00E-02	2.16E-02
2.173	1.53E-03	2.00E-02	2.15E-02
2.171	1.52E-03	2.00E-02	2.15E-02
2.177	1.54E-03	2.00E-02	2.15E-02
2.191	1.59E-03	2.00E-02	2.16E-02
2.216	1.67E-03	2.00E-02	2.17E-02
2.259	1.81E-03	2.00E-02	2.18E-02

2.334	2.05E-03	2.00E-02	2.21E-02
2.302	1.94E-03	2.00E-02	2.19E-02
2.380	2.20E-03	2.00E-02	2.22E-02
2.381	2.20E-03	2.00E-02	2.22E-02
2.481	2.52E-03	2.00E-02	2.25E-02
2.339	2.07E-03	2.00E-02	2.21E-02
2.246	1.76E-03	2.00E-02	2.18E-02
2.177	1.54E-03	2.00E-02	2.15E-02
2.123	1.37E-03	2.00E-02	2.14E-02
2.080	1.23E-03	2.00E-02	2.12E-02
2.046	1.12E-03	2.00E-02	2.11E-02
2.017	1.03E-03	2.00E-02	2.10E-02
1.994	9.50E-04	2.00E-02	2.09E-02
1.974	8.85E-04	2.00E-02	2.09E-02
1.956	8.29E-04	2.00E-02	2.08E-02
1.941	7.79E-04	2.00E-02	2.08E-02
1.927	7.35E-04	2.00E-02	2.07E-02
1.915	6.96E-04	2.00E-02	2.07E-02
1.905	6.61E-04	2.00E-02	2.07E-02
1.895	6.29E-04	2.00E-02	2.06E-02
1.886	6.00E-04	2.00E-02	2.06E-02
1.877	5.73E-04	2.00E-02	2.06E-02
2.065	1.18E-03	2.00E-02	2.12E-02
2.072	1.20E-03	2.00E-02	2.12E-02
2.082	1.24E-03	2.00E-02	2.12E-02
2.096	1.28E-03	2.00E-02	2.13E-02
2.112	1.33E-03	2.00E-02	2.13E-02
2.132	1.40E-03	2.00E-02	2.14E-02
2.156	1.47E-03	2.00E-02	2.15E-02
2.183	1.56E-03	2.00E-02	2.16E-02
2.216	1.67E-03	2.00E-02	2.17E-02
2.254	1.79E-03	2.00E-02	2.18E-02
2.299	1.93E-03	2.00E-02	2.19E-02
2.351	2.10E-03	2.00E-02	2.21E-02
2.413	2.30E-03	2.00E-02	2.23E-02
2.489	2.55E-03	2.00E-02	2.26E-02
2.590	2.88E-03	2.00E-02	2.29E-02
2.731	3.33E-03	2.00E-02	2.33E-02
2.620	2.97E-03	2.00E-02	2.30E-02
2.577	2.84E-03	2.00E-02	2.28E-02
2.808	3.58E-03	2.00E-02	2.36E-02
2.847	3.71E-03	2.00E-02	2.37E-02
2.799	3.55E-03	2.00E-02	2.36E-02
2.774	3.47E-03	2.00E-02	2.35E-02
2.761	3.43E-03	2.00E-02	2.34E-02
2.753	3.40E-03	2.00E-02	2.34E-02
2.744	3.37E-03	2.00E-02	2.34E-02
2.729	3.33E-03	2.00E-02	2.33E-02
2.707	3.26E-03	2.00E-02	2.33E-02
2.679	3.16E-03	2.00E-02	2.32E-02
2.646	3.06E-03	2.00E-02	2.31E-02
2.608	2.93E-03	2.00E-02	2.29E-02
2.566	2.80E-03	2.00E-02	2.28E-02
2.521	2.65E-03	2.00E-02	2.27E-02
2.473	2.50E-03	2.00E-02	2.25E-02

2.422	2.33E-03	2.00E-02	2.23E-02
2.372	2.17E-03	2.00E-02	2.22E-02
2.324	2.02E-03	2.00E-02	2.20E-02
2.280	1.88E-03	2.00E-02	2.19E-02
2.243	1.76E-03	2.00E-02	2.18E-02
2.213	1.66E-03	2.00E-02	2.17E-02
2.190	1.58E-03	2.00E-02	2.16E-02
2.173	1.53E-03	2.00E-02	2.15E-02
2.163	1.50E-03	2.00E-02	2.15E-02
2.161	1.49E-03	2.00E-02	2.15E-02
2.165	1.50E-03	2.00E-02	2.15E-02
2.177	1.54E-03	2.00E-02	2.15E-02
2.200	1.62E-03	2.00E-02	2.16E-02
2.241	1.75E-03	2.00E-02	2.17E-02
2.311	1.97E-03	2.00E-02	2.20E-02
2.358	2.13E-03	2.00E-02	2.21E-02
2.355	2.12E-03	2.00E-02	2.21E-02
2.381	2.20E-03	2.00E-02	2.22E-02
2.496	2.57E-03	2.00E-02	2.26E-02
2.348	2.09E-03	2.00E-02	2.21E-02
2.252	1.78E-03	2.00E-02	2.18E-02
2.183	1.56E-03	2.00E-02	2.16E-02
2.129	1.39E-03	2.00E-02	2.14E-02
2.086	1.25E-03	2.00E-02	2.12E-02
2.050	1.13E-03	2.00E-02	2.11E-02
2.022	1.04E-03	2.00E-02	2.10E-02
1.997	9.59E-04	2.00E-02	2.10E-02
1.976	8.91E-04	2.00E-02	2.09E-02
1.958	8.34E-04	2.00E-02	2.08E-02
1.943	7.84E-04	2.00E-02	2.08E-02
1.929	7.39E-04	2.00E-02	2.07E-02
1.916	6.98E-04	2.00E-02	2.07E-02
1.905	6.62E-04	2.00E-02	2.07E-02
1.895	6.29E-04	2.00E-02	2.06E-02
1.886	6.00E-04	2.00E-02	2.06E-02
1.877	5.73E-04	2.00E-02	2.06E-02
2.042	1.11E-03	2.00E-02	2.11E-02
2.053	1.14E-03	2.00E-02	2.11E-02
2.066	1.18E-03	2.00E-02	2.12E-02
2.080	1.23E-03	2.00E-02	2.12E-02
2.097	1.28E-03	2.00E-02	2.13E-02
2.117	1.35E-03	2.00E-02	2.13E-02
2.139	1.42E-03	2.00E-02	2.14E-02
2.165	1.50E-03	2.00E-02	2.15E-02
2.195	1.60E-03	2.00E-02	2.16E-02
2.229	1.71E-03	2.00E-02	2.17E-02
2.267	1.83E-03	2.00E-02	2.18E-02
2.310	1.97E-03	2.00E-02	2.20E-02
2.360	2.13E-03	2.00E-02	2.21E-02
2.421	2.33E-03	2.00E-02	2.23E-02
2.495	2.57E-03	2.00E-02	2.26E-02
2.590	2.88E-03	2.00E-02	2.29E-02
2.720	3.30E-03	2.00E-02	2.33E-02
2.608	2.93E-03	2.00E-02	2.29E-02
2.655	3.09E-03	2.00E-02	2.31E-02

2.787	3.51E-03	2.00E-02	2.35E-02
2.847	3.71E-03	2.00E-02	2.37E-02
2.779	3.49E-03	2.00E-02	2.35E-02
2.739	3.36E-03	2.00E-02	2.34E-02
2.711	3.27E-03	2.00E-02	2.33E-02
2.685	3.18E-03	2.00E-02	2.32E-02
2.658	3.10E-03	2.00E-02	2.31E-02
2.629	3.00E-03	2.00E-02	2.30E-02
2.598	2.90E-03	2.00E-02	2.29E-02
2.564	2.79E-03	2.00E-02	2.28E-02
2.528	2.68E-03	2.00E-02	2.27E-02
2.490	2.55E-03	2.00E-02	2.26E-02
2.451	2.43E-03	2.00E-02	2.24E-02
2.411	2.30E-03	2.00E-02	2.23E-02
2.368	2.16E-03	2.00E-02	2.22E-02
2.327	2.03E-03	2.00E-02	2.20E-02
2.287	1.90E-03	2.00E-02	2.19E-02
2.250	1.78E-03	2.00E-02	2.18E-02
2.219	1.68E-03	2.00E-02	2.17E-02
2.193	1.59E-03	2.00E-02	2.16E-02
2.173	1.53E-03	2.00E-02	2.15E-02
2.160	1.49E-03	2.00E-02	2.15E-02
2.155	1.47E-03	2.00E-02	2.15E-02
2.157	1.48E-03	2.00E-02	2.15E-02
2.167	1.51E-03	2.00E-02	2.15E-02
2.189	1.58E-03	2.00E-02	2.16E-02
2.226	1.70E-03	2.00E-02	2.17E-02
2.291	1.91E-03	2.00E-02	2.19E-02
2.415	2.31E-03	2.00E-02	2.23E-02
2.338	2.06E-03	2.00E-02	2.21E-02
2.377	2.19E-03	2.00E-02	2.22E-02
2.513	2.63E-03	2.00E-02	2.26E-02
2.356	2.12E-03	2.00E-02	2.21E-02
2.257	1.80E-03	2.00E-02	2.18E-02
2.187	1.57E-03	2.00E-02	2.16E-02
2.134	1.40E-03	2.00E-02	2.14E-02
2.090	1.26E-03	2.00E-02	2.13E-02
2.054	1.14E-03	2.00E-02	2.11E-02
2.025	1.05E-03	2.00E-02	2.10E-02
2.000	9.69E-04	2.00E-02	2.10E-02
1.978	8.98E-04	2.00E-02	2.09E-02
1.959	8.38E-04	2.00E-02	2.08E-02
1.943	7.86E-04	2.00E-02	2.08E-02
1.929	7.41E-04	2.00E-02	2.07E-02
1.917	7.00E-04	2.00E-02	2.07E-02
1.905	6.63E-04	2.00E-02	2.07E-02
1.895	6.30E-04	2.00E-02	2.06E-02
1.886	6.00E-04	2.00E-02	2.06E-02
1.877	5.72E-04	2.00E-02	2.06E-02
1.869	5.47E-04	2.00E-02	2.05E-02
2.039	1.10E-03	2.00E-02	2.11E-02
2.053	1.14E-03	2.00E-02	2.11E-02
2.068	1.19E-03	2.00E-02	2.12E-02
2.084	1.24E-03	2.00E-02	2.12E-02
2.103	1.30E-03	2.00E-02	2.13E-02

2.125	1.37E-03	2.00E-02	2.14E-02
2.149	1.45E-03	2.00E-02	2.14E-02
2.175	1.54E-03	2.00E-02	2.15E-02
2.205	1.63E-03	2.00E-02	2.16E-02
2.238	1.74E-03	2.00E-02	2.17E-02
2.275	1.86E-03	2.00E-02	2.19E-02
2.317	2.00E-03	2.00E-02	2.20E-02
2.366	2.15E-03	2.00E-02	2.22E-02
2.424	2.34E-03	2.00E-02	2.23E-02
2.493	2.56E-03	2.00E-02	2.26E-02
2.579	2.84E-03	2.00E-02	2.28E-02
2.697	3.22E-03	2.00E-02	2.32E-02
2.707	3.26E-03	2.00E-02	2.33E-02
2.645	3.05E-03	2.00E-02	2.31E-02
2.654	3.08E-03	2.00E-02	2.31E-02
2.831	3.65E-03	2.00E-02	2.37E-02
2.748	3.39E-03	2.00E-02	2.34E-02
2.692	3.21E-03	2.00E-02	2.32E-02
2.648	3.06E-03	2.00E-02	2.31E-02
2.609	2.94E-03	2.00E-02	2.29E-02
2.573	2.82E-03	2.00E-02	2.28E-02
2.538	2.71E-03	2.00E-02	2.27E-02
2.502	2.59E-03	2.00E-02	2.26E-02
2.467	2.48E-03	2.00E-02	2.25E-02
2.432	2.37E-03	2.00E-02	2.24E-02
2.398	2.25E-03	2.00E-02	2.23E-02
2.362	2.14E-03	2.00E-02	2.21E-02
2.326	2.02E-03	2.00E-02	2.20E-02
2.291	1.91E-03	2.00E-02	2.19E-02
2.257	1.80E-03	2.00E-02	2.18E-02
2.227	1.70E-03	2.00E-02	2.17E-02
2.200	1.62E-03	2.00E-02	2.16E-02
2.178	1.55E-03	2.00E-02	2.15E-02
2.163	1.50E-03	2.00E-02	2.15E-02
2.154	1.47E-03	2.00E-02	2.15E-02
2.153	1.46E-03	2.00E-02	2.15E-02
2.161	1.49E-03	2.00E-02	2.15E-02
2.180	1.55E-03	2.00E-02	2.16E-02
2.215	1.66E-03	2.00E-02	2.17E-02
2.275	1.86E-03	2.00E-02	2.19E-02
2.388	2.22E-03	2.00E-02	2.22E-02
2.330	2.04E-03	2.00E-02	2.20E-02
2.362	2.14E-03	2.00E-02	2.21E-02
2.533	2.69E-03	2.00E-02	2.27E-02
2.365	2.15E-03	2.00E-02	2.21E-02
2.262	1.82E-03	2.00E-02	2.18E-02
2.190	1.58E-03	2.00E-02	2.16E-02
2.136	1.41E-03	2.00E-02	2.14E-02
2.093	1.27E-03	2.00E-02	2.13E-02
2.057	1.15E-03	2.00E-02	2.12E-02
2.026	1.05E-03	2.00E-02	2.11E-02
2.001	9.74E-04	2.00E-02	2.10E-02
1.979	9.03E-04	2.00E-02	2.09E-02
1.961	8.42E-04	2.00E-02	2.08E-02
1.944	7.89E-04	2.00E-02	2.08E-02

1.930	7.42E-04	2.00E-02	2.07E-02
1.917	7.01E-04	2.00E-02	2.07E-02
1.905	6.63E-04	2.00E-02	2.07E-02
1.895	6.30E-04	2.00E-02	2.06E-02
1.885	5.99E-04	2.00E-02	2.06E-02
1.877	5.71E-04	2.00E-02	2.06E-02
1.869	5.46E-04	2.00E-02	2.05E-02
2.028	1.06E-03	2.00E-02	2.11E-02
2.042	1.10E-03	2.00E-02	2.11E-02
2.056	1.15E-03	2.00E-02	2.12E-02
2.073	1.20E-03	2.00E-02	2.12E-02
2.091	1.26E-03	2.00E-02	2.13E-02
2.111	1.33E-03	2.00E-02	2.13E-02
2.133	1.40E-03	2.00E-02	2.14E-02
2.157	1.48E-03	2.00E-02	2.15E-02
2.184	1.56E-03	2.00E-02	2.16E-02
2.212	1.66E-03	2.00E-02	2.17E-02
2.244	1.76E-03	2.00E-02	2.18E-02
2.280	1.87E-03	2.00E-02	2.19E-02
2.320	2.00E-03	2.00E-02	2.20E-02
2.366	2.15E-03	2.00E-02	2.22E-02
2.419	2.32E-03	2.00E-02	2.23E-02
2.481	2.52E-03	2.00E-02	2.25E-02
2.561	2.78E-03	2.00E-02	2.28E-02
2.668	3.13E-03	2.00E-02	2.31E-02
2.575	2.83E-03	2.00E-02	2.28E-02
2.616	2.96E-03	2.00E-02	2.30E-02
2.657	3.09E-03	2.00E-02	2.31E-02
2.808	3.58E-03	2.00E-02	2.36E-02
2.708	3.26E-03	2.00E-02	2.33E-02
2.638	3.03E-03	2.00E-02	2.30E-02
2.583	2.85E-03	2.00E-02	2.29E-02
2.537	2.71E-03	2.00E-02	2.27E-02
2.496	2.57E-03	2.00E-02	2.26E-02
2.458	2.45E-03	2.00E-02	2.24E-02
2.423	2.34E-03	2.00E-02	2.23E-02
2.389	2.23E-03	2.00E-02	2.22E-02
2.357	2.12E-03	2.00E-02	2.21E-02
2.325	2.02E-03	2.00E-02	2.20E-02
2.294	1.92E-03	2.00E-02	2.19E-02
2.263	1.82E-03	2.00E-02	2.18E-02
2.235	1.73E-03	2.00E-02	2.17E-02
2.209	1.64E-03	2.00E-02	2.16E-02
2.186	1.57E-03	2.00E-02	2.16E-02
2.169	1.52E-03	2.00E-02	2.15E-02
2.158	1.48E-03	2.00E-02	2.15E-02
2.155	1.47E-03	2.00E-02	2.15E-02
2.159	1.48E-03	2.00E-02	2.15E-02
2.175	1.53E-03	2.00E-02	2.15E-02
2.206	1.64E-03	2.00E-02	2.16E-02
2.262	1.82E-03	2.00E-02	2.18E-02
2.366	2.15E-03	2.00E-02	2.22E-02
2.306	1.96E-03	2.00E-02	2.20E-02
2.258	1.80E-03	2.00E-02	2.18E-02
2.446	2.41E-03	2.00E-02	2.24E-02

2.375	2.18E-03	2.00E-02	2.22E-02
2.267	1.83E-03	2.00E-02	2.18E-02
2.193	1.59E-03	2.00E-02	2.16E-02
2.138	1.42E-03	2.00E-02	2.14E-02
2.094	1.27E-03	2.00E-02	2.13E-02
2.058	1.16E-03	2.00E-02	2.12E-02
2.028	1.06E-03	2.00E-02	2.11E-02
2.002	9.76E-04	2.00E-02	2.10E-02
1.980	9.04E-04	2.00E-02	2.09E-02
1.961	8.43E-04	2.00E-02	2.08E-02
1.944	7.90E-04	2.00E-02	2.08E-02
1.930	7.43E-04	2.00E-02	2.07E-02
1.917	7.01E-04	2.00E-02	2.07E-02
1.905	6.64E-04	2.00E-02	2.07E-02
1.895	6.29E-04	2.00E-02	2.06E-02
1.885	5.98E-04	2.00E-02	2.06E-02
1.876	5.70E-04	2.00E-02	2.06E-02
1.868	5.44E-04	2.00E-02	2.05E-02
1.861	5.21E-04	2.00E-02	2.05E-02
2.032	1.07E-03	2.00E-02	2.11E-02
2.046	1.12E-03	2.00E-02	2.11E-02
2.061	1.17E-03	2.00E-02	2.12E-02
2.079	1.22E-03	2.00E-02	2.12E-02
2.097	1.28E-03	2.00E-02	2.13E-02
2.118	1.35E-03	2.00E-02	2.13E-02
2.139	1.42E-03	2.00E-02	2.14E-02
2.163	1.50E-03	2.00E-02	2.15E-02
2.188	1.58E-03	2.00E-02	2.16E-02
2.216	1.67E-03	2.00E-02	2.17E-02
2.247	1.77E-03	2.00E-02	2.18E-02
2.280	1.88E-03	2.00E-02	2.19E-02
2.317	2.00E-03	2.00E-02	2.20E-02
2.358	2.13E-03	2.00E-02	2.21E-02
2.407	2.28E-03	2.00E-02	2.23E-02
2.464	2.47E-03	2.00E-02	2.25E-02
2.534	2.70E-03	2.00E-02	2.27E-02
2.628	3.00E-03	2.00E-02	2.30E-02
2.635	3.02E-03	2.00E-02	2.30E-02
2.577	2.83E-03	2.00E-02	2.28E-02
2.580	2.84E-03	2.00E-02	2.28E-02
2.781	3.49E-03	2.00E-02	2.35E-02
2.665	3.12E-03	2.00E-02	2.31E-02
2.585	2.86E-03	2.00E-02	2.29E-02
2.523	2.66E-03	2.00E-02	2.27E-02
2.472	2.50E-03	2.00E-02	2.25E-02
2.430	2.36E-03	2.00E-02	2.24E-02
2.393	2.24E-03	2.00E-02	2.22E-02
2.359	2.13E-03	2.00E-02	2.21E-02
2.327	2.03E-03	2.00E-02	2.20E-02
2.298	1.93E-03	2.00E-02	2.19E-02
2.269	1.84E-03	2.00E-02	2.18E-02
2.243	1.75E-03	2.00E-02	2.18E-02
2.218	1.67E-03	2.00E-02	2.17E-02
2.196	1.60E-03	2.00E-02	2.16E-02
2.178	1.55E-03	2.00E-02	2.15E-02



2.166	1.51E-03	2.00E-02	2.15E-02
2.160	1.49E-03	2.00E-02	2.15E-02
2.162	1.49E-03	2.00E-02	2.15E-02
2.174	1.53E-03	2.00E-02	2.15E-02
2.202	1.62E-03	2.00E-02	2.16E-02
2.252	1.78E-03	2.00E-02	2.18E-02
2.347	2.09E-03	2.00E-02	2.21E-02
2.311	1.97E-03	2.00E-02	2.20E-02
2.349	2.10E-03	2.00E-02	2.21E-02
2.440	2.39E-03	2.00E-02	2.24E-02
2.390	2.23E-03	2.00E-02	2.22E-02
2.273	1.85E-03	2.00E-02	2.19E-02
2.196	1.60E-03	2.00E-02	2.16E-02
2.139	1.42E-03	2.00E-02	2.14E-02
2.095	1.28E-03	2.00E-02	2.13E-02
2.058	1.16E-03	2.00E-02	2.12E-02
2.028	1.06E-03	2.00E-02	2.11E-02
2.003	9.78E-04	2.00E-02	2.10E-02
1.980	9.06E-04	2.00E-02	2.09E-02
1.961	8.44E-04	2.00E-02	2.08E-02
1.944	7.89E-04	2.00E-02	2.08E-02
1.929	7.41E-04	2.00E-02	2.07E-02
1.916	7.00E-04	2.00E-02	2.07E-02
1.905	6.62E-04	2.00E-02	2.07E-02
1.894	6.28E-04	2.00E-02	2.06E-02
1.885	5.97E-04	2.00E-02	2.06E-02
1.876	5.68E-04	2.00E-02	2.06E-02
1.868	5.42E-04	2.00E-02	2.05E-02
1.860	5.18E-04	2.00E-02	2.05E-02
2.022	1.04E-03	2.00E-02	2.10E-02
2.036	1.09E-03	2.00E-02	2.11E-02
2.051	1.13E-03	2.00E-02	2.11E-02
2.067	1.19E-03	2.00E-02	2.12E-02
2.084	1.24E-03	2.00E-02	2.12E-02
2.103	1.30E-03	2.00E-02	2.13E-02
2.122	1.37E-03	2.00E-02	2.14E-02
2.143	1.43E-03	2.00E-02	2.14E-02
2.166	1.51E-03	2.00E-02	2.15E-02
2.190	1.58E-03	2.00E-02	2.16E-02
2.216	1.67E-03	2.00E-02	2.17E-02
2.245	1.76E-03	2.00E-02	2.18E-02
2.274	1.86E-03	2.00E-02	2.19E-02
2.308	1.97E-03	2.00E-02	2.20E-02
2.346	2.09E-03	2.00E-02	2.21E-02
2.388	2.22E-03	2.00E-02	2.22E-02
2.438	2.38E-03	2.00E-02	2.24E-02
2.500	2.58E-03	2.00E-02	2.26E-02
2.582	2.85E-03	2.00E-02	2.29E-02
2.707	3.25E-03	2.00E-02	2.33E-02
2.539	2.71E-03	2.00E-02	2.27E-02
2.459	2.45E-03	2.00E-02	2.25E-02
2.634	3.02E-03	2.00E-02	2.30E-02
2.625	2.99E-03	2.00E-02	2.30E-02
2.536	2.70E-03	2.00E-02	2.27E-02
2.470	2.49E-03	2.00E-02	2.25E-02

2.419	2.32E-03	2.00E-02	2.23E-02
2.377	2.19E-03	2.00E-02	2.22E-02
2.340	2.07E-03	2.00E-02	2.21E-02
2.308	1.96E-03	2.00E-02	2.20E-02
2.279	1.87E-03	2.00E-02	2.19E-02
2.253	1.79E-03	2.00E-02	2.18E-02
2.229	1.71E-03	2.00E-02	2.17E-02
2.207	1.64E-03	2.00E-02	2.16E-02
2.189	1.58E-03	2.00E-02	2.16E-02
2.175	1.54E-03	2.00E-02	2.15E-02
2.168	1.51E-03	2.00E-02	2.15E-02
2.168	1.51E-03	2.00E-02	2.15E-02
2.177	1.54E-03	2.00E-02	2.15E-02
2.201	1.62E-03	2.00E-02	2.16E-02
2.246	1.76E-03	2.00E-02	2.18E-02
2.332	2.04E-03	2.00E-02	2.20E-02
2.285	1.89E-03	2.00E-02	2.19E-02
2.368	2.16E-03	2.00E-02	2.22E-02
2.466	2.47E-03	2.00E-02	2.25E-02
2.404	2.27E-03	2.00E-02	2.23E-02
2.282	1.88E-03	2.00E-02	2.19E-02
2.201	1.62E-03	2.00E-02	2.16E-02
2.141	1.43E-03	2.00E-02	2.14E-02
2.095	1.28E-03	2.00E-02	2.13E-02
2.058	1.16E-03	2.00E-02	2.12E-02
2.027	1.06E-03	2.00E-02	2.11E-02
2.002	9.77E-04	2.00E-02	2.10E-02
1.980	9.06E-04	2.00E-02	2.09E-02
1.961	8.44E-04	2.00E-02	2.08E-02
1.944	7.89E-04	2.00E-02	2.08E-02
1.929	7.40E-04	2.00E-02	2.07E-02
1.916	6.97E-04	2.00E-02	2.07E-02
1.904	6.59E-04	2.00E-02	2.07E-02
1.893	6.25E-04	2.00E-02	2.06E-02
1.884	5.94E-04	2.00E-02	2.06E-02
1.875	5.65E-04	2.00E-02	2.06E-02
1.867	5.39E-04	2.00E-02	2.05E-02
1.860	5.16E-04	2.00E-02	2.05E-02
1.853	4.94E-04	2.00E-02	2.05E-02
2.027	1.06E-03	2.00E-02	2.11E-02
2.041	1.10E-03	2.00E-02	2.11E-02
2.056	1.15E-03	2.00E-02	2.11E-02
2.072	1.20E-03	2.00E-02	2.12E-02
2.088	1.25E-03	2.00E-02	2.13E-02
2.106	1.31E-03	2.00E-02	2.13E-02
2.125	1.37E-03	2.00E-02	2.14E-02
2.145	1.44E-03	2.00E-02	2.14E-02
2.166	1.50E-03	2.00E-02	2.15E-02
2.188	1.58E-03	2.00E-02	2.16E-02
2.212	1.65E-03	2.00E-02	2.17E-02
2.237	1.73E-03	2.00E-02	2.17E-02
2.264	1.82E-03	2.00E-02	2.18E-02
2.293	1.92E-03	2.00E-02	2.19E-02
2.326	2.02E-03	2.00E-02	2.20E-02
2.363	2.14E-03	2.00E-02	2.21E-02

2.406	2.28E-03	2.00E-02	2.23E-02
2.460	2.46E-03	2.00E-02	2.25E-02
2.532	2.69E-03	2.00E-02	2.27E-02
2.642	3.04E-03	2.00E-02	2.30E-02
2.483	2.53E-03	2.00E-02	2.25E-02
2.490	2.55E-03	2.00E-02	2.26E-02
2.574	2.82E-03	2.00E-02	2.28E-02
2.588	2.87E-03	2.00E-02	2.29E-02
2.495	2.57E-03	2.00E-02	2.26E-02
2.428	2.35E-03	2.00E-02	2.24E-02
2.376	2.18E-03	2.00E-02	2.22E-02
2.334	2.05E-03	2.00E-02	2.20E-02
2.299	1.94E-03	2.00E-02	2.19E-02
2.269	1.84E-03	2.00E-02	2.18E-02
2.243	1.76E-03	2.00E-02	2.18E-02
2.221	1.68E-03	2.00E-02	2.17E-02
2.202	1.62E-03	2.00E-02	2.16E-02
2.187	1.57E-03	2.00E-02	2.16E-02
2.178	1.54E-03	2.00E-02	2.15E-02
2.176	1.54E-03	2.00E-02	2.15E-02
2.183	1.56E-03	2.00E-02	2.16E-02
2.202	1.62E-03	2.00E-02	2.16E-02
2.243	1.75E-03	2.00E-02	2.18E-02
2.320	2.00E-03	2.00E-02	2.20E-02
2.369	2.16E-03	2.00E-02	2.22E-02
2.341	2.07E-03	2.00E-02	2.21E-02
2.348	2.09E-03	2.00E-02	2.21E-02
2.420	2.33E-03	2.00E-02	2.23E-02
2.291	1.91E-03	2.00E-02	2.19E-02
2.206	1.63E-03	2.00E-02	2.16E-02
2.144	1.43E-03	2.00E-02	2.14E-02
2.097	1.28E-03	2.00E-02	2.13E-02
2.058	1.16E-03	2.00E-02	2.12E-02
2.027	1.06E-03	2.00E-02	2.11E-02
2.001	9.73E-04	2.00E-02	2.10E-02
1.979	9.02E-04	2.00E-02	2.09E-02
1.960	8.41E-04	2.00E-02	2.08E-02
1.943	7.87E-04	2.00E-02	2.08E-02
1.928	7.38E-04	2.00E-02	2.07E-02
1.915	6.94E-04	2.00E-02	2.07E-02
1.903	6.56E-04	2.00E-02	2.07E-02
1.892	6.21E-04	2.00E-02	2.06E-02
1.883	5.90E-04	2.00E-02	2.06E-02
1.874	5.62E-04	2.00E-02	2.06E-02
1.866	5.36E-04	2.00E-02	2.05E-02
1.858	5.12E-04	2.00E-02	2.05E-02
1.852	4.90E-04	2.00E-02	2.05E-02
2.030	1.07E-03	2.00E-02	2.11E-02
2.044	1.11E-03	2.00E-02	2.11E-02
2.059	1.16E-03	2.00E-02	2.12E-02
2.074	1.21E-03	2.00E-02	2.12E-02
2.090	1.26E-03	2.00E-02	2.13E-02
2.107	1.31E-03	2.00E-02	2.13E-02
2.124	1.37E-03	2.00E-02	2.14E-02
2.143	1.43E-03	2.00E-02	2.14E-02

2.162	1.49E-03	2.00E-02	2.15E-02
2.182	1.56E-03	2.00E-02	2.16E-02
2.203	1.63E-03	2.00E-02	2.16E-02
2.225	1.70E-03	2.00E-02	2.17E-02
2.248	1.77E-03	2.00E-02	2.18E-02
2.274	1.85E-03	2.00E-02	2.19E-02
2.302	1.94E-03	2.00E-02	2.19E-02
2.333	2.05E-03	2.00E-02	2.20E-02
2.370	2.17E-03	2.00E-02	2.22E-02
2.418	2.32E-03	2.00E-02	2.23E-02
2.481	2.52E-03	2.00E-02	2.25E-02
2.578	2.84E-03	2.00E-02	2.28E-02
2.448	2.42E-03	2.00E-02	2.24E-02
2.370	2.16E-03	2.00E-02	2.22E-02
2.427	2.35E-03	2.00E-02	2.23E-02
2.560	2.78E-03	2.00E-02	2.28E-02
2.463	2.47E-03	2.00E-02	2.25E-02
2.394	2.24E-03	2.00E-02	2.22E-02
2.342	2.07E-03	2.00E-02	2.21E-02
2.301	1.94E-03	2.00E-02	2.19E-02
2.268	1.84E-03	2.00E-02	2.18E-02
2.241	1.75E-03	2.00E-02	2.17E-02
2.219	1.68E-03	2.00E-02	2.17E-02
2.202	1.62E-03	2.00E-02	2.16E-02
2.191	1.59E-03	2.00E-02	2.16E-02
2.186	1.57E-03	2.00E-02	2.16E-02
2.191	1.59E-03	2.00E-02	2.16E-02
2.207	1.64E-03	2.00E-02	2.16E-02
2.243	1.75E-03	2.00E-02	2.18E-02
2.312	1.98E-03	2.00E-02	2.20E-02
2.275	1.86E-03	2.00E-02	2.19E-02
2.346	2.09E-03	2.00E-02	2.21E-02
2.345	2.08E-03	2.00E-02	2.21E-02
2.439	2.39E-03	2.00E-02	2.24E-02
2.302	1.94E-03	2.00E-02	2.19E-02
2.212	1.65E-03	2.00E-02	2.17E-02
2.147	1.45E-03	2.00E-02	2.14E-02
2.098	1.29E-03	2.00E-02	2.13E-02
2.059	1.16E-03	2.00E-02	2.12E-02
2.027	1.06E-03	2.00E-02	2.11E-02
2.001	9.73E-04	2.00E-02	2.10E-02
1.978	9.00E-04	2.00E-02	2.09E-02
1.959	8.36E-04	2.00E-02	2.08E-02
1.942	7.81E-04	2.00E-02	2.08E-02
1.927	7.34E-04	2.00E-02	2.07E-02
1.914	6.91E-04	2.00E-02	2.07E-02
1.902	6.52E-04	2.00E-02	2.07E-02
1.891	6.17E-04	2.00E-02	2.06E-02
1.881	5.86E-04	2.00E-02	2.06E-02
1.873	5.58E-04	2.00E-02	2.06E-02
1.864	5.32E-04	2.00E-02	2.05E-02
1.857	5.08E-04	2.00E-02	2.05E-02
1.851	4.86E-04	2.00E-02	2.05E-02
1.844	4.66E-04	2.00E-02	2.05E-02
2.020	1.03E-03	2.00E-02	2.10E-02

2.033	1.08E-03	2.00E-02	2.11E-02
2.046	1.12E-03	2.00E-02	2.11E-02
2.060	1.16E-03	2.00E-02	2.12E-02
2.074	1.21E-03	2.00E-02	2.12E-02
2.089	1.26E-03	2.00E-02	2.13E-02
2.105	1.31E-03	2.00E-02	2.13E-02
2.121	1.36E-03	2.00E-02	2.14E-02
2.137	1.41E-03	2.00E-02	2.14E-02
2.155	1.47E-03	2.00E-02	2.15E-02
2.172	1.53E-03	2.00E-02	2.15E-02
2.190	1.58E-03	2.00E-02	2.16E-02
2.209	1.64E-03	2.00E-02	2.16E-02
2.229	1.71E-03	2.00E-02	2.17E-02
2.250	1.78E-03	2.00E-02	2.18E-02
2.274	1.85E-03	2.00E-02	2.19E-02
2.301	1.94E-03	2.00E-02	2.19E-02
2.333	2.05E-03	2.00E-02	2.20E-02
2.375	2.18E-03	2.00E-02	2.22E-02
2.432	2.36E-03	2.00E-02	2.24E-02
2.520	2.65E-03	2.00E-02	2.26E-02
2.392	2.24E-03	2.00E-02	2.22E-02
2.408	2.29E-03	2.00E-02	2.23E-02
2.421	2.33E-03	2.00E-02	2.23E-02
2.542	2.72E-03	2.00E-02	2.27E-02
2.439	2.39E-03	2.00E-02	2.24E-02
2.369	2.16E-03	2.00E-02	2.22E-02
2.317	1.99E-03	2.00E-02	2.20E-02
2.277	1.86E-03	2.00E-02	2.19E-02
2.246	1.77E-03	2.00E-02	2.18E-02
2.224	1.69E-03	2.00E-02	2.17E-02
2.208	1.64E-03	2.00E-02	2.16E-02
2.201	1.62E-03	2.00E-02	2.16E-02
2.202	1.62E-03	2.00E-02	2.16E-02
2.215	1.66E-03	2.00E-02	2.17E-02
2.246	1.76E-03	2.00E-02	2.18E-02
2.308	1.97E-03	2.00E-02	2.20E-02
2.349	2.10E-03	2.00E-02	2.21E-02
2.340	2.07E-03	2.00E-02	2.21E-02
2.353	2.11E-03	2.00E-02	2.21E-02
2.462	2.46E-03	2.00E-02	2.25E-02
2.314	1.99E-03	2.00E-02	2.20E-02
2.219	1.68E-03	2.00E-02	2.17E-02
2.151	1.46E-03	2.00E-02	2.15E-02
2.100	1.29E-03	2.00E-02	2.13E-02
2.060	1.16E-03	2.00E-02	2.12E-02
2.027	1.06E-03	2.00E-02	2.11E-02
2.000	9.69E-04	2.00E-02	2.10E-02
1.977	8.95E-04	2.00E-02	2.09E-02
1.958	8.33E-04	2.00E-02	2.08E-02
1.940	7.77E-04	2.00E-02	2.08E-02
1.925	7.27E-04	2.00E-02	2.07E-02
1.912	6.84E-04	2.00E-02	2.07E-02
1.900	6.47E-04	2.00E-02	2.06E-02
1.889	6.12E-04	2.00E-02	2.06E-02
1.880	5.81E-04	2.00E-02	2.06E-02

1.871	5.52E-04	2.00E-02	2.06E-02
1.863	5.27E-04	2.00E-02	2.05E-02
1.856	5.03E-04	2.00E-02	2.05E-02
1.849	4.82E-04	2.00E-02	2.05E-02
1.843	4.62E-04	2.00E-02	2.05E-02
2.022	1.04E-03	2.00E-02	2.10E-02
2.034	1.08E-03	2.00E-02	2.11E-02
2.046	1.12E-03	2.00E-02	2.11E-02
2.059	1.16E-03	2.00E-02	2.12E-02
2.072	1.20E-03	2.00E-02	2.12E-02
2.086	1.25E-03	2.00E-02	2.12E-02
2.100	1.29E-03	2.00E-02	2.13E-02
2.114	1.34E-03	2.00E-02	2.13E-02
2.129	1.39E-03	2.00E-02	2.14E-02
2.143	1.43E-03	2.00E-02	2.14E-02
2.158	1.48E-03	2.00E-02	2.15E-02
2.174	1.53E-03	2.00E-02	2.15E-02
2.190	1.58E-03	2.00E-02	2.16E-02
2.206	1.64E-03	2.00E-02	2.16E-02
2.224	1.69E-03	2.00E-02	2.17E-02
2.244	1.76E-03	2.00E-02	2.18E-02
2.267	1.83E-03	2.00E-02	2.18E-02
2.296	1.93E-03	2.00E-02	2.19E-02
2.333	2.05E-03	2.00E-02	2.20E-02
2.386	2.22E-03	2.00E-02	2.22E-02
2.466	2.48E-03	2.00E-02	2.25E-02
2.453	2.43E-03	2.00E-02	2.24E-02
2.374	2.18E-03	2.00E-02	2.22E-02
2.360	2.13E-03	2.00E-02	2.21E-02
2.532	2.69E-03	2.00E-02	2.27E-02
2.424	2.34E-03	2.00E-02	2.23E-02
2.350	2.10E-03	2.00E-02	2.21E-02
2.297	1.93E-03	2.00E-02	2.19E-02
2.261	1.81E-03	2.00E-02	2.18E-02
2.237	1.74E-03	2.00E-02	2.17E-02
2.222	1.69E-03	2.00E-02	2.17E-02
2.218	1.67E-03	2.00E-02	2.17E-02
2.227	1.70E-03	2.00E-02	2.17E-02
2.253	1.79E-03	2.00E-02	2.18E-02
2.308	1.96E-03	2.00E-02	2.20E-02
2.425	2.34E-03	2.00E-02	2.23E-02
2.334	2.05E-03	2.00E-02	2.20E-02
2.367	2.16E-03	2.00E-02	2.22E-02
2.489	2.55E-03	2.00E-02	2.25E-02
2.329	2.03E-03	2.00E-02	2.20E-02
2.228	1.71E-03	2.00E-02	2.17E-02
2.156	1.47E-03	2.00E-02	2.15E-02
2.103	1.30E-03	2.00E-02	2.13E-02
2.061	1.17E-03	2.00E-02	2.12E-02
2.027	1.06E-03	2.00E-02	2.11E-02
1.999	9.65E-04	2.00E-02	2.10E-02
1.975	8.90E-04	2.00E-02	2.09E-02
1.955	8.25E-04	2.00E-02	2.08E-02
1.938	7.71E-04	2.00E-02	2.08E-02
1.924	7.23E-04	2.00E-02	2.07E-02

1.910	6.79E-04	2.00E-02	2.07E-02
1.898	6.39E-04	2.00E-02	2.06E-02
1.887	6.05E-04	2.00E-02	2.06E-02
1.878	5.75E-04	2.00E-02	2.06E-02
1.869	5.47E-04	2.00E-02	2.05E-02
1.861	5.21E-04	2.00E-02	2.05E-02
1.854	4.98E-04	2.00E-02	2.05E-02
1.847	4.76E-04	2.00E-02	2.05E-02
1.841	4.57E-04	2.00E-02	2.05E-02
2.022	1.04E-03	2.00E-02	2.10E-02
2.033	1.08E-03	2.00E-02	2.11E-02
2.044	1.11E-03	2.00E-02	2.11E-02
2.056	1.15E-03	2.00E-02	2.12E-02
2.068	1.19E-03	2.00E-02	2.12E-02
2.080	1.23E-03	2.00E-02	2.12E-02
2.093	1.27E-03	2.00E-02	2.13E-02
2.105	1.31E-03	2.00E-02	2.13E-02
2.117	1.35E-03	2.00E-02	2.13E-02
2.130	1.39E-03	2.00E-02	2.14E-02
2.142	1.43E-03	2.00E-02	2.14E-02
2.155	1.47E-03	2.00E-02	2.15E-02
2.168	1.51E-03	2.00E-02	2.15E-02
2.181	1.56E-03	2.00E-02	2.16E-02
2.196	1.60E-03	2.00E-02	2.16E-02
2.213	1.66E-03	2.00E-02	2.17E-02
2.234	1.73E-03	2.00E-02	2.17E-02
2.260	1.81E-03	2.00E-02	2.18E-02
2.295	1.92E-03	2.00E-02	2.19E-02
2.344	2.08E-03	2.00E-02	2.21E-02
2.418	2.32E-03	2.00E-02	2.23E-02
2.317	1.99E-03	2.00E-02	2.20E-02
2.345	2.09E-03	2.00E-02	2.21E-02
2.378	2.19E-03	2.00E-02	2.22E-02
2.529	2.68E-03	2.00E-02	2.27E-02
2.413	2.30E-03	2.00E-02	2.23E-02
2.337	2.06E-03	2.00E-02	2.21E-02
2.290	1.91E-03	2.00E-02	2.19E-02
2.260	1.81E-03	2.00E-02	2.18E-02
2.245	1.76E-03	2.00E-02	2.18E-02
2.245	1.76E-03	2.00E-02	2.18E-02
2.264	1.82E-03	2.00E-02	2.18E-02
2.311	1.98E-03	2.00E-02	2.20E-02
2.415	2.31E-03	2.00E-02	2.23E-02
2.345	2.09E-03	2.00E-02	2.21E-02
2.362	2.14E-03	2.00E-02	2.21E-02
2.518	2.64E-03	2.00E-02	2.26E-02
2.345	2.08E-03	2.00E-02	2.21E-02
2.237	1.74E-03	2.00E-02	2.17E-02
2.162	1.49E-03	2.00E-02	2.15E-02
2.106	1.31E-03	2.00E-02	2.13E-02
2.062	1.17E-03	2.00E-02	2.12E-02
2.027	1.06E-03	2.00E-02	2.11E-02
1.997	9.61E-04	2.00E-02	2.10E-02
1.973	8.83E-04	2.00E-02	2.09E-02
1.953	8.18E-04	2.00E-02	2.08E-02

1.936	7.63E-04	2.00E-02	2.08E-02
1.921	7.15E-04	2.00E-02	2.07E-02
1.908	6.72E-04	2.00E-02	2.07E-02
1.896	6.33E-04	2.00E-02	2.06E-02
1.885	5.99E-04	2.00E-02	2.06E-02
1.876	5.67E-04	2.00E-02	2.06E-02
1.867	5.40E-04	2.00E-02	2.05E-02
1.859	5.15E-04	2.00E-02	2.05E-02
1.852	4.92E-04	2.00E-02	2.05E-02
1.846	4.71E-04	2.00E-02	2.05E-02
1.840	4.51E-04	2.00E-02	2.05E-02
2.020	1.03E-03	2.00E-02	2.10E-02
2.030	1.07E-03	2.00E-02	2.11E-02
2.041	1.10E-03	2.00E-02	2.11E-02
2.051	1.13E-03	2.00E-02	2.11E-02
2.061	1.17E-03	2.00E-02	2.12E-02
2.072	1.20E-03	2.00E-02	2.12E-02
2.083	1.24E-03	2.00E-02	2.12E-02
2.093	1.27E-03	2.00E-02	2.13E-02
2.103	1.30E-03	2.00E-02	2.13E-02
2.113	1.34E-03	2.00E-02	2.13E-02
2.124	1.37E-03	2.00E-02	2.14E-02
2.134	1.40E-03	2.00E-02	2.14E-02
2.144	1.44E-03	2.00E-02	2.14E-02
2.156	1.47E-03	2.00E-02	2.15E-02
2.169	1.51E-03	2.00E-02	2.15E-02
2.184	1.56E-03	2.00E-02	2.16E-02
2.203	1.62E-03	2.00E-02	2.16E-02
2.227	1.70E-03	2.00E-02	2.17E-02
2.260	1.81E-03	2.00E-02	2.18E-02
2.306	1.96E-03	2.00E-02	2.20E-02
2.376	2.18E-03	2.00E-02	2.22E-02
2.373	2.18E-03	2.00E-02	2.22E-02
2.314	1.98E-03	2.00E-02	2.20E-02
2.317	2.00E-03	2.00E-02	2.20E-02
2.395	2.25E-03	2.00E-02	2.22E-02
2.411	2.30E-03	2.00E-02	2.23E-02
2.338	2.06E-03	2.00E-02	2.21E-02
2.298	1.93E-03	2.00E-02	2.19E-02
2.280	1.88E-03	2.00E-02	2.19E-02
2.287	1.90E-03	2.00E-02	2.19E-02
2.322	2.01E-03	2.00E-02	2.20E-02
2.410	2.29E-03	2.00E-02	2.23E-02
2.332	2.04E-03	2.00E-02	2.20E-02
2.401	2.27E-03	2.00E-02	2.23E-02
2.440	2.39E-03	2.00E-02	2.24E-02
2.362	2.14E-03	2.00E-02	2.21E-02
2.247	1.77E-03	2.00E-02	2.18E-02
2.168	1.51E-03	2.00E-02	2.15E-02
2.109	1.32E-03	2.00E-02	2.13E-02
2.063	1.17E-03	2.00E-02	2.12E-02
2.026	1.05E-03	2.00E-02	2.11E-02
1.996	9.58E-04	2.00E-02	2.10E-02
1.971	8.77E-04	2.00E-02	2.09E-02
1.951	8.10E-04	2.00E-02	2.08E-02



1.933	7.54E-04	2.00E-02	2.08E-02
1.918	7.05E-04	2.00E-02	2.07E-02
1.905	6.63E-04	2.00E-02	2.07E-02
1.893	6.25E-04	2.00E-02	2.06E-02
1.883	5.91E-04	2.00E-02	2.06E-02
1.873	5.60E-04	2.00E-02	2.06E-02
1.865	5.33E-04	2.00E-02	2.05E-02
1.857	5.07E-04	2.00E-02	2.05E-02
1.850	4.85E-04	2.00E-02	2.05E-02
1.844	4.64E-04	2.00E-02	2.05E-02
1.838	4.45E-04	2.00E-02	2.04E-02
2.016	1.02E-03	2.00E-02	2.10E-02
2.025	1.05E-03	2.00E-02	2.11E-02
2.035	1.08E-03	2.00E-02	2.11E-02
2.044	1.11E-03	2.00E-02	2.11E-02
2.053	1.14E-03	2.00E-02	2.11E-02
2.062	1.17E-03	2.00E-02	2.12E-02
2.070	1.20E-03	2.00E-02	2.12E-02
2.079	1.23E-03	2.00E-02	2.12E-02
2.087	1.25E-03	2.00E-02	2.13E-02
2.096	1.28E-03	2.00E-02	2.13E-02
2.104	1.30E-03	2.00E-02	2.13E-02
2.112	1.33E-03	2.00E-02	2.13E-02
2.121	1.36E-03	2.00E-02	2.14E-02
2.131	1.39E-03	2.00E-02	2.14E-02
2.142	1.43E-03	2.00E-02	2.14E-02
2.156	1.47E-03	2.00E-02	2.15E-02
2.173	1.53E-03	2.00E-02	2.15E-02
2.196	1.60E-03	2.00E-02	2.16E-02
2.228	1.71E-03	2.00E-02	2.17E-02
2.273	1.85E-03	2.00E-02	2.19E-02
2.338	2.06E-03	2.00E-02	2.21E-02
2.448	2.42E-03	2.00E-02	2.24E-02
2.301	1.94E-03	2.00E-02	2.19E-02
2.225	1.70E-03	2.00E-02	2.17E-02
2.420	2.33E-03	2.00E-02	2.23E-02
2.423	2.34E-03	2.00E-02	2.23E-02
2.357	2.12E-03	2.00E-02	2.21E-02
2.334	2.05E-03	2.00E-02	2.20E-02
2.348	2.10E-03	2.00E-02	2.21E-02
2.415	2.31E-03	2.00E-02	2.23E-02
2.448	2.42E-03	2.00E-02	2.24E-02
2.372	2.17E-03	2.00E-02	2.22E-02
2.444	2.40E-03	2.00E-02	2.24E-02
2.379	2.19E-03	2.00E-02	2.22E-02
2.256	1.80E-03	2.00E-02	2.18E-02
2.173	1.53E-03	2.00E-02	2.15E-02
2.111	1.33E-03	2.00E-02	2.13E-02
2.063	1.17E-03	2.00E-02	2.12E-02
2.026	1.05E-03	2.00E-02	2.11E-02
1.995	9.53E-04	2.00E-02	2.10E-02
1.969	8.71E-04	2.00E-02	2.09E-02
1.948	8.02E-04	2.00E-02	2.08E-02
1.930	7.44E-04	2.00E-02	2.07E-02
1.915	6.96E-04	2.00E-02	2.07E-02

1.902	6.53E-04	2.00E-02	2.07E-02
1.890	6.15E-04	2.00E-02	2.06E-02
1.880	5.83E-04	2.00E-02	2.06E-02
1.871	5.52E-04	2.00E-02	2.06E-02
1.862	5.25E-04	2.00E-02	2.05E-02
1.855	5.00E-04	2.00E-02	2.05E-02
1.848	4.78E-04	2.00E-02	2.05E-02
1.841	4.57E-04	2.00E-02	2.05E-02
1.836	4.39E-04	2.00E-02	2.04E-02
2.011	1.00E-03	2.00E-02	2.10E-02
2.019	1.03E-03	2.00E-02	2.10E-02
2.027	1.06E-03	2.00E-02	2.11E-02
2.035	1.08E-03	2.00E-02	2.11E-02
2.042	1.11E-03	2.00E-02	2.11E-02
2.049	1.13E-03	2.00E-02	2.11E-02
2.057	1.15E-03	2.00E-02	2.12E-02
2.064	1.18E-03	2.00E-02	2.12E-02
2.070	1.20E-03	2.00E-02	2.12E-02
2.077	1.22E-03	2.00E-02	2.12E-02
2.083	1.24E-03	2.00E-02	2.12E-02
2.090	1.26E-03	2.00E-02	2.13E-02
2.098	1.29E-03	2.00E-02	2.13E-02
2.106	1.31E-03	2.00E-02	2.13E-02
2.117	1.35E-03	2.00E-02	2.13E-02
2.130	1.39E-03	2.00E-02	2.14E-02
2.147	1.44E-03	2.00E-02	2.14E-02
2.169	1.52E-03	2.00E-02	2.15E-02
2.200	1.62E-03	2.00E-02	2.16E-02
2.244	1.76E-03	2.00E-02	2.18E-02
2.307	1.96E-03	2.00E-02	2.20E-02
2.409	2.29E-03	2.00E-02	2.23E-02
2.273	1.85E-03	2.00E-02	2.19E-02
2.295	1.92E-03	2.00E-02	2.19E-02
2.406	2.28E-03	2.00E-02	2.23E-02
2.456	2.44E-03	2.00E-02	2.24E-02
2.414	2.31E-03	2.00E-02	2.23E-02
2.444	2.40E-03	2.00E-02	2.24E-02
2.354	2.11E-03	2.00E-02	2.21E-02
2.400	2.26E-03	2.00E-02	2.23E-02
2.472	2.49E-03	2.00E-02	2.25E-02
2.394	2.24E-03	2.00E-02	2.22E-02
2.263	1.82E-03	2.00E-02	2.18E-02
2.176	1.54E-03	2.00E-02	2.15E-02
2.112	1.33E-03	2.00E-02	2.13E-02
2.063	1.17E-03	2.00E-02	2.12E-02
2.024	1.05E-03	2.00E-02	2.10E-02
1.993	9.47E-04	2.00E-02	2.09E-02
1.967	8.64E-04	2.00E-02	2.09E-02
1.946	7.94E-04	2.00E-02	2.08E-02
1.928	7.36E-04	2.00E-02	2.07E-02
1.912	6.86E-04	2.00E-02	2.07E-02
1.899	6.43E-04	2.00E-02	2.06E-02
1.887	6.05E-04	2.00E-02	2.06E-02
1.877	5.72E-04	2.00E-02	2.06E-02
1.868	5.43E-04	2.00E-02	2.05E-02

1.860	5.17E-04	2.00E-02	2.05E-02
1.852	4.92E-04	2.00E-02	2.05E-02
1.845	4.70E-04	2.00E-02	2.05E-02
1.839	4.50E-04	2.00E-02	2.04E-02
1.834	4.32E-04	2.00E-02	2.04E-02
2.004	9.83E-04	2.00E-02	2.10E-02
2.011	1.00E-03	2.00E-02	2.10E-02
2.017	1.03E-03	2.00E-02	2.10E-02
2.024	1.05E-03	2.00E-02	2.10E-02
2.030	1.07E-03	2.00E-02	2.11E-02
2.036	1.09E-03	2.00E-02	2.11E-02
2.042	1.10E-03	2.00E-02	2.11E-02
2.047	1.12E-03	2.00E-02	2.11E-02
2.052	1.14E-03	2.00E-02	2.11E-02
2.057	1.16E-03	2.00E-02	2.12E-02
2.063	1.17E-03	2.00E-02	2.12E-02
2.069	1.19E-03	2.00E-02	2.12E-02
2.076	1.21E-03	2.00E-02	2.12E-02
2.084	1.24E-03	2.00E-02	2.12E-02
2.094	1.27E-03	2.00E-02	2.13E-02
2.106	1.31E-03	2.00E-02	2.13E-02
2.123	1.37E-03	2.00E-02	2.14E-02
2.145	1.44E-03	2.00E-02	2.14E-02
2.176	1.54E-03	2.00E-02	2.15E-02
2.218	1.67E-03	2.00E-02	2.17E-02
2.280	1.87E-03	2.00E-02	2.19E-02
2.376	2.18E-03	2.00E-02	2.22E-02
2.368	2.16E-03	2.00E-02	2.22E-02
2.299	1.94E-03	2.00E-02	2.19E-02
2.313	1.98E-03	2.00E-02	2.20E-02
2.537	2.71E-03	2.00E-02	2.27E-02
2.488	2.55E-03	2.00E-02	2.25E-02
2.394	2.24E-03	2.00E-02	2.22E-02
2.357	2.12E-03	2.00E-02	2.21E-02
2.406	2.28E-03	2.00E-02	2.23E-02
2.266	1.83E-03	2.00E-02	2.18E-02
2.174	1.53E-03	2.00E-02	2.15E-02
2.109	1.32E-03	2.00E-02	2.13E-02
2.060	1.16E-03	2.00E-02	2.12E-02
2.022	1.04E-03	2.00E-02	2.10E-02
1.990	9.38E-04	2.00E-02	2.09E-02
1.964	8.54E-04	2.00E-02	2.09E-02
1.943	7.85E-04	2.00E-02	2.08E-02
1.925	7.26E-04	2.00E-02	2.07E-02
1.909	6.76E-04	2.00E-02	2.07E-02
1.896	6.33E-04	2.00E-02	2.06E-02
1.884	5.96E-04	2.00E-02	2.06E-02
1.874	5.63E-04	2.00E-02	2.06E-02
1.865	5.33E-04	2.00E-02	2.05E-02
1.857	5.07E-04	2.00E-02	2.05E-02
1.850	4.84E-04	2.00E-02	2.05E-02
1.843	4.62E-04	2.00E-02	2.05E-02
1.837	4.42E-04	2.00E-02	2.04E-02
1.831	4.24E-04	2.00E-02	2.04E-02
1.996	9.56E-04	2.00E-02	2.10E-02

2.002	9.74E-04	2.00E-02	2.10E-02
2.007	9.92E-04	2.00E-02	2.10E-02
2.012	1.01E-03	2.00E-02	2.10E-02
2.017	1.02E-03	2.00E-02	2.10E-02
2.022	1.04E-03	2.00E-02	2.10E-02
2.026	1.05E-03	2.00E-02	2.11E-02
2.030	1.07E-03	2.00E-02	2.11E-02
2.034	1.08E-03	2.00E-02	2.11E-02
2.039	1.09E-03	2.00E-02	2.11E-02
2.043	1.11E-03	2.00E-02	2.11E-02
2.048	1.13E-03	2.00E-02	2.11E-02
2.055	1.15E-03	2.00E-02	2.11E-02
2.062	1.17E-03	2.00E-02	2.12E-02
2.072	1.20E-03	2.00E-02	2.12E-02
2.085	1.24E-03	2.00E-02	2.12E-02
2.102	1.30E-03	2.00E-02	2.13E-02
2.124	1.37E-03	2.00E-02	2.14E-02
2.154	1.47E-03	2.00E-02	2.15E-02
2.195	1.60E-03	2.00E-02	2.16E-02
2.255	1.79E-03	2.00E-02	2.18E-02
2.347	2.09E-03	2.00E-02	2.21E-02
2.249	1.78E-03	2.00E-02	2.18E-02
2.305	1.96E-03	2.00E-02	2.20E-02
2.320	2.00E-03	2.00E-02	2.20E-02
2.412	2.30E-03	2.00E-02	2.23E-02
2.476	2.51E-03	2.00E-02	2.25E-02
2.404	2.27E-03	2.00E-02	2.23E-02
2.258	1.80E-03	2.00E-02	2.18E-02
2.165	1.50E-03	2.00E-02	2.15E-02
2.101	1.30E-03	2.00E-02	2.13E-02
2.053	1.14E-03	2.00E-02	2.11E-02
2.016	1.02E-03	2.00E-02	2.10E-02
1.986	9.24E-04	2.00E-02	2.09E-02
1.960	8.41E-04	2.00E-02	2.08E-02
1.939	7.74E-04	2.00E-02	2.08E-02
1.922	7.17E-04	2.00E-02	2.07E-02
1.906	6.67E-04	2.00E-02	2.07E-02
1.893	6.24E-04	2.00E-02	2.06E-02
1.882	5.87E-04	2.00E-02	2.06E-02
1.871	5.54E-04	2.00E-02	2.06E-02
1.862	5.25E-04	2.00E-02	2.05E-02
1.854	4.99E-04	2.00E-02	2.05E-02
1.847	4.75E-04	2.00E-02	2.05E-02
1.841	4.55E-04	2.00E-02	2.05E-02
1.835	4.35E-04	2.00E-02	2.04E-02
1.829	4.17E-04	2.00E-02	2.04E-02
1.991	9.41E-04	2.00E-02	2.09E-02
1.995	9.55E-04	2.00E-02	2.10E-02
1.999	9.68E-04	2.00E-02	2.10E-02
2.003	9.80E-04	2.00E-02	2.10E-02
2.007	9.91E-04	2.00E-02	2.10E-02
2.010	1.00E-03	2.00E-02	2.10E-02
2.013	1.01E-03	2.00E-02	2.10E-02
2.017	1.02E-03	2.00E-02	2.10E-02
2.020	1.04E-03	2.00E-02	2.10E-02

2.024	1.05E-03	2.00E-02	2.10E-02
2.029	1.06E-03	2.00E-02	2.11E-02
2.035	1.08E-03	2.00E-02	2.11E-02
2.043	1.11E-03	2.00E-02	2.11E-02
2.053	1.14E-03	2.00E-02	2.11E-02
2.065	1.18E-03	2.00E-02	2.12E-02
2.082	1.23E-03	2.00E-02	2.12E-02
2.103	1.30E-03	2.00E-02	2.13E-02
2.132	1.40E-03	2.00E-02	2.14E-02
2.172	1.52E-03	2.00E-02	2.15E-02
2.228	1.71E-03	2.00E-02	2.17E-02
2.314	1.98E-03	2.00E-02	2.20E-02
2.321	2.01E-03	2.00E-02	2.20E-02
2.269	1.84E-03	2.00E-02	2.18E-02
2.239	1.74E-03	2.00E-02	2.17E-02
2.360	2.13E-03	2.00E-02	2.21E-02
2.228	1.71E-03	2.00E-02	2.17E-02
2.144	1.44E-03	2.00E-02	2.14E-02
2.086	1.25E-03	2.00E-02	2.12E-02
2.042	1.10E-03	2.00E-02	2.11E-02
2.007	9.93E-04	2.00E-02	2.10E-02
1.979	9.03E-04	2.00E-02	2.09E-02
1.956	8.26E-04	2.00E-02	2.08E-02
1.935	7.60E-04	2.00E-02	2.08E-02
1.918	7.06E-04	2.00E-02	2.07E-02
1.904	6.58E-04	2.00E-02	2.07E-02
1.891	6.16E-04	2.00E-02	2.06E-02
1.879	5.78E-04	2.00E-02	2.06E-02
1.869	5.45E-04	2.00E-02	2.05E-02
1.860	5.17E-04	2.00E-02	2.05E-02
1.852	4.91E-04	2.00E-02	2.05E-02
1.845	4.67E-04	2.00E-02	2.05E-02
1.838	4.47E-04	2.00E-02	2.04E-02
1.832	4.27E-04	2.00E-02	2.04E-02
1.827	4.10E-04	2.00E-02	2.04E-02
1.983	9.15E-04	2.00E-02	2.09E-02
1.986	9.25E-04	2.00E-02	2.09E-02
1.989	9.34E-04	2.00E-02	2.09E-02
1.992	9.43E-04	2.00E-02	2.09E-02
1.994	9.51E-04	2.00E-02	2.10E-02
1.997	9.60E-04	2.00E-02	2.10E-02
2.000	9.69E-04	2.00E-02	2.10E-02
2.003	9.79E-04	2.00E-02	2.10E-02
2.007	9.91E-04	2.00E-02	2.10E-02
2.011	1.01E-03	2.00E-02	2.10E-02
2.017	1.02E-03	2.00E-02	2.10E-02
2.024	1.05E-03	2.00E-02	2.10E-02
2.034	1.08E-03	2.00E-02	2.11E-02
2.046	1.12E-03	2.00E-02	2.11E-02
2.062	1.17E-03	2.00E-02	2.12E-02
2.082	1.23E-03	2.00E-02	2.12E-02
2.108	1.32E-03	2.00E-02	2.13E-02
2.142	1.43E-03	2.00E-02	2.14E-02
2.187	1.57E-03	2.00E-02	2.16E-02
2.243	1.76E-03	2.00E-02	2.18E-02

2.286	1.89E-03	2.00E-02	2.19E-02
2.241	1.75E-03	2.00E-02	2.17E-02
2.167	1.51E-03	2.00E-02	2.15E-02
2.110	1.32E-03	2.00E-02	2.13E-02
2.063	1.17E-03	2.00E-02	2.12E-02
2.026	1.05E-03	2.00E-02	2.11E-02
1.995	9.55E-04	2.00E-02	2.10E-02
1.971	8.75E-04	2.00E-02	2.09E-02
1.949	8.06E-04	2.00E-02	2.08E-02
1.930	7.45E-04	2.00E-02	2.07E-02
1.914	6.93E-04	2.00E-02	2.07E-02
1.900	6.47E-04	2.00E-02	2.06E-02
1.888	6.07E-04	2.00E-02	2.06E-02
1.876	5.70E-04	2.00E-02	2.06E-02
1.867	5.38E-04	2.00E-02	2.05E-02
1.858	5.09E-04	2.00E-02	2.05E-02
1.850	4.84E-04	2.00E-02	2.05E-02
1.843	4.61E-04	2.00E-02	2.05E-02
1.836	4.40E-04	2.00E-02	2.04E-02
1.830	4.21E-04	2.00E-02	2.04E-02
1.825	4.04E-04	2.00E-02	2.04E-02
1.971	8.74E-04	2.00E-02	2.09E-02
1.973	8.81E-04	2.00E-02	2.09E-02
1.975	8.88E-04	2.00E-02	2.09E-02
1.977	8.94E-04	2.00E-02	2.09E-02
1.979	9.01E-04	2.00E-02	2.09E-02
1.981	9.08E-04	2.00E-02	2.09E-02
1.983	9.16E-04	2.00E-02	2.09E-02
1.986	9.25E-04	2.00E-02	2.09E-02
1.990	9.36E-04	2.00E-02	2.09E-02
1.994	9.50E-04	2.00E-02	2.10E-02
2.000	9.68E-04	2.00E-02	2.10E-02
2.007	9.91E-04	2.00E-02	2.10E-02
2.015	1.02E-03	2.00E-02	2.10E-02
2.026	1.05E-03	2.00E-02	2.11E-02
2.040	1.10E-03	2.00E-02	2.11E-02
2.056	1.15E-03	2.00E-02	2.12E-02
2.075	1.21E-03	2.00E-02	2.12E-02
2.096	1.28E-03	2.00E-02	2.13E-02
2.113	1.33E-03	2.00E-02	2.13E-02
2.116	1.35E-03	2.00E-02	2.13E-02
2.098	1.29E-03	2.00E-02	2.13E-02
2.066	1.18E-03	2.00E-02	2.12E-02
2.035	1.08E-03	2.00E-02	2.11E-02
2.007	9.92E-04	2.00E-02	2.10E-02
1.982	9.12E-04	2.00E-02	2.09E-02
1.960	8.42E-04	2.00E-02	2.08E-02
1.941	7.80E-04	2.00E-02	2.08E-02
1.925	7.26E-04	2.00E-02	2.07E-02
1.910	6.78E-04	2.00E-02	2.07E-02
1.897	6.35E-04	2.00E-02	2.06E-02
1.885	5.97E-04	2.00E-02	2.06E-02
1.874	5.63E-04	2.00E-02	2.06E-02
1.864	5.31E-04	2.00E-02	2.05E-02
1.855	5.02E-04	2.00E-02	2.05E-02

1.848	4.77E-04	2.00E-02	2.05E-02
1.841	4.54E-04	2.00E-02	2.05E-02
1.834	4.34E-04	2.00E-02	2.04E-02
1.828	4.15E-04	2.00E-02	2.04E-02
1.959	8.38E-04	2.00E-02	2.08E-02
1.961	8.42E-04	2.00E-02	2.08E-02
1.962	8.47E-04	2.00E-02	2.08E-02
1.964	8.52E-04	2.00E-02	2.09E-02
1.966	8.58E-04	2.00E-02	2.09E-02
1.968	8.65E-04	2.00E-02	2.09E-02
1.970	8.73E-04	2.00E-02	2.09E-02
1.973	8.83E-04	2.00E-02	2.09E-02
1.977	8.96E-04	2.00E-02	2.09E-02
1.982	9.13E-04	2.00E-02	2.09E-02
1.988	9.32E-04	2.00E-02	2.09E-02
1.996	9.56E-04	2.00E-02	2.10E-02
2.004	9.83E-04	2.00E-02	2.10E-02
2.014	1.01E-03	2.00E-02	2.10E-02
2.024	1.05E-03	2.00E-02	2.10E-02
2.032	1.07E-03	2.00E-02	2.11E-02
2.036	1.08E-03	2.00E-02	2.11E-02
2.033	1.08E-03	2.00E-02	2.11E-02
2.022	1.04E-03	2.00E-02	2.10E-02
2.005	9.85E-04	2.00E-02	2.10E-02
1.986	9.24E-04	2.00E-02	2.09E-02
1.966	8.61E-04	2.00E-02	2.09E-02
1.949	8.05E-04	2.00E-02	2.08E-02
1.933	7.53E-04	2.00E-02	2.08E-02
1.918	7.05E-04	2.00E-02	2.07E-02
1.905	6.62E-04	2.00E-02	2.07E-02
1.893	6.23E-04	2.00E-02	2.06E-02
1.882	5.87E-04	2.00E-02	2.06E-02
1.872	5.54E-04	2.00E-02	2.06E-02
1.862	5.24E-04	2.00E-02	2.05E-02
1.854	4.97E-04	2.00E-02	2.05E-02
1.846	4.71E-04	2.00E-02	2.05E-02
1.839	4.49E-04	2.00E-02	2.04E-02
1.833	4.28E-04	2.00E-02	2.04E-02
1.947	7.98E-04	2.00E-02	2.08E-02
1.948	8.01E-04	2.00E-02	2.08E-02
1.949	8.05E-04	2.00E-02	2.08E-02
1.951	8.10E-04	2.00E-02	2.08E-02
1.952	8.16E-04	2.00E-02	2.08E-02
1.955	8.23E-04	2.00E-02	2.08E-02
1.957	8.32E-04	2.00E-02	2.08E-02
1.961	8.43E-04	2.00E-02	2.08E-02
1.965	8.55E-04	2.00E-02	2.09E-02
1.969	8.71E-04	2.00E-02	2.09E-02
1.975	8.87E-04	2.00E-02	2.09E-02
1.980	9.04E-04	2.00E-02	2.09E-02
1.984	9.17E-04	2.00E-02	2.09E-02
1.986	9.24E-04	2.00E-02	2.09E-02
1.986	9.24E-04	2.00E-02	2.09E-02
1.982	9.11E-04	2.00E-02	2.09E-02
1.974	8.84E-04	2.00E-02	2.09E-02

1.963	8.48E-04	2.00E-02	2.08E-02
1.950	8.08E-04	2.00E-02	2.08E-02
1.937	7.65E-04	2.00E-02	2.08E-02
1.923	7.22E-04	2.00E-02	2.07E-02
1.911	6.82E-04	2.00E-02	2.07E-02
1.899	6.44E-04	2.00E-02	2.06E-02
1.888	6.08E-04	2.00E-02	2.06E-02
1.878	5.75E-04	2.00E-02	2.06E-02
1.869	5.45E-04	2.00E-02	2.05E-02
1.860	5.17E-04	2.00E-02	2.05E-02
1.852	4.91E-04	2.00E-02	2.05E-02
1.844	4.66E-04	2.00E-02	2.05E-02
1.837	4.44E-04	2.00E-02	2.04E-02
1.934	7.57E-04	2.00E-02	2.08E-02
1.935	7.60E-04	2.00E-02	2.08E-02
1.936	7.63E-04	2.00E-02	2.08E-02
1.938	7.68E-04	2.00E-02	2.08E-02
1.939	7.73E-04	2.00E-02	2.08E-02
1.941	7.80E-04	2.00E-02	2.08E-02
1.944	7.88E-04	2.00E-02	2.08E-02
1.947	7.97E-04	2.00E-02	2.08E-02
1.949	8.06E-04	2.00E-02	2.08E-02
1.952	8.13E-04	2.00E-02	2.08E-02
1.953	8.16E-04	2.00E-02	2.08E-02
1.953	8.16E-04	2.00E-02	2.08E-02
1.951	8.10E-04	2.00E-02	2.08E-02
1.947	7.97E-04	2.00E-02	2.08E-02
1.940	7.77E-04	2.00E-02	2.08E-02
1.932	7.51E-04	2.00E-02	2.08E-02
1.923	7.20E-04	2.00E-02	2.07E-02
1.913	6.87E-04	2.00E-02	2.07E-02
1.903	6.55E-04	2.00E-02	2.07E-02
1.893	6.23E-04	2.00E-02	2.06E-02
1.883	5.93E-04	2.00E-02	2.06E-02
1.874	5.63E-04	2.00E-02	2.06E-02
1.866	5.35E-04	2.00E-02	2.05E-02
1.858	5.09E-04	2.00E-02	2.05E-02
1.850	4.84E-04	2.00E-02	2.05E-02
1.843	4.61E-04	2.00E-02	2.05E-02
1.922	7.18E-04	2.00E-02	2.07E-02
1.923	7.21E-04	2.00E-02	2.07E-02
1.924	7.24E-04	2.00E-02	2.07E-02
1.926	7.29E-04	2.00E-02	2.07E-02
1.927	7.33E-04	2.00E-02	2.07E-02
1.928	7.36E-04	2.00E-02	2.07E-02
1.928	7.38E-04	2.00E-02	2.07E-02
1.928	7.36E-04	2.00E-02	2.07E-02
1.927	7.33E-04	2.00E-02	2.07E-02
1.924	7.25E-04	2.00E-02	2.07E-02
1.921	7.13E-04	2.00E-02	2.07E-02
1.915	6.96E-04	2.00E-02	2.07E-02
1.909	6.75E-04	2.00E-02	2.07E-02
1.901	6.51E-04	2.00E-02	2.07E-02
1.893	6.25E-04	2.00E-02	2.06E-02
1.886	6.00E-04	2.00E-02	2.06E-02



1.878	5.74E-04	2.00E-02	2.06E-02
1.870	5.48E-04	2.00E-02	2.05E-02
1.862	5.24E-04	2.00E-02	2.05E-02
1.909	6.75E-04	2.00E-02	2.07E-02
1.908	6.72E-04	2.00E-02	2.07E-02
1.906	6.66E-04	2.00E-02	2.07E-02
1.903	6.58E-04	2.00E-02	2.07E-02
1.900	6.47E-04	2.00E-02	2.06E-02
1.896	6.33E-04	2.00E-02	2.06E-02
1.890	6.15E-04	2.00E-02	2.06E-02
1.884	5.96E-04	2.00E-02	2.06E-02
1.737	1.18E-04	2.00E-02	2.01E-02
1.738	1.22E-04	2.00E-02	2.01E-02
1.739	1.25E-04	2.00E-02	2.01E-02
1.740	1.28E-04	2.00E-02	2.01E-02
1.741	1.32E-04	2.00E-02	2.01E-02
1.738	1.22E-04	2.00E-02	2.01E-02
1.739	1.25E-04	2.00E-02	2.01E-02
1.740	1.28E-04	2.00E-02	2.01E-02
1.741	1.32E-04	2.00E-02	2.01E-02
1.742	1.36E-04	2.00E-02	2.01E-02
1.743	1.39E-04	2.00E-02	2.01E-02
1.739	1.25E-04	2.00E-02	2.01E-02
1.740	1.28E-04	2.00E-02	2.01E-02
1.741	1.32E-04	2.00E-02	2.01E-02
1.742	1.35E-04	2.00E-02	2.01E-02
1.743	1.39E-04	2.00E-02	2.01E-02
1.744	1.43E-04	2.00E-02	2.01E-02
1.746	1.48E-04	2.00E-02	2.01E-02
1.740	1.28E-04	2.00E-02	2.01E-02
1.741	1.32E-04	2.00E-02	2.01E-02
1.742	1.35E-04	2.00E-02	2.01E-02
1.743	1.39E-04	2.00E-02	2.01E-02
1.744	1.43E-04	2.00E-02	2.01E-02
1.746	1.47E-04	2.00E-02	2.01E-02
1.747	1.52E-04	2.00E-02	2.02E-02
1.748	1.56E-04	2.00E-02	2.02E-02
1.750	1.61E-04	2.00E-02	2.02E-02
1.741	1.32E-04	2.00E-02	2.01E-02
1.742	1.35E-04	2.00E-02	2.01E-02
1.743	1.39E-04	2.00E-02	2.01E-02
1.744	1.43E-04	2.00E-02	2.01E-02
1.746	1.47E-04	2.00E-02	2.01E-02
1.747	1.52E-04	2.00E-02	2.02E-02
1.748	1.56E-04	2.00E-02	2.02E-02
1.750	1.61E-04	2.00E-02	2.02E-02
1.751	1.66E-04	2.00E-02	2.02E-02
1.753	1.71E-04	2.00E-02	2.02E-02
1.742	1.35E-04	2.00E-02	2.01E-02
1.743	1.39E-04	2.00E-02	2.01E-02
1.744	1.43E-04	2.00E-02	2.01E-02
1.745	1.47E-04	2.00E-02	2.01E-02
1.747	1.51E-04	2.00E-02	2.02E-02
1.748	1.56E-04	2.00E-02	2.02E-02
1.750	1.60E-04	2.00E-02	2.02E-02

1.751	1.65E-04	2.00E-02	2.02E-02
1.753	1.71E-04	2.00E-02	2.02E-02
1.754	1.76E-04	2.00E-02	2.02E-02
1.756	1.82E-04	2.00E-02	2.02E-02
1.743	1.39E-04	2.00E-02	2.01E-02
1.744	1.42E-04	2.00E-02	2.01E-02
1.745	1.47E-04	2.00E-02	2.01E-02
1.747	1.51E-04	2.00E-02	2.02E-02
1.748	1.55E-04	2.00E-02	2.02E-02
1.749	1.60E-04	2.00E-02	2.02E-02
1.751	1.65E-04	2.00E-02	2.02E-02
1.753	1.70E-04	2.00E-02	2.02E-02
1.754	1.75E-04	2.00E-02	2.02E-02
1.756	1.81E-04	2.00E-02	2.02E-02
1.758	1.87E-04	2.00E-02	2.02E-02
1.760	1.93E-04	2.00E-02	2.02E-02
1.744	1.42E-04	2.00E-02	2.01E-02
1.745	1.46E-04	2.00E-02	2.01E-02
1.746	1.50E-04	2.00E-02	2.02E-02
1.748	1.55E-04	2.00E-02	2.02E-02
1.749	1.59E-04	2.00E-02	2.02E-02
1.751	1.64E-04	2.00E-02	2.02E-02
1.752	1.69E-04	2.00E-02	2.02E-02
1.754	1.74E-04	2.00E-02	2.02E-02
1.756	1.80E-04	2.00E-02	2.02E-02
1.757	1.86E-04	2.00E-02	2.02E-02
1.759	1.92E-04	2.00E-02	2.02E-02
1.761	1.98E-04	2.00E-02	2.02E-02
1.763	2.05E-04	2.00E-02	2.02E-02
1.766	2.12E-04	2.00E-02	2.02E-02
1.745	1.46E-04	2.00E-02	2.01E-02
1.746	1.50E-04	2.00E-02	2.01E-02
1.748	1.54E-04	2.00E-02	2.02E-02
1.749	1.59E-04	2.00E-02	2.02E-02
1.751	1.63E-04	2.00E-02	2.02E-02
1.752	1.68E-04	2.00E-02	2.02E-02
1.754	1.73E-04	2.00E-02	2.02E-02
1.755	1.79E-04	2.00E-02	2.02E-02
1.757	1.85E-04	2.00E-02	2.02E-02
1.759	1.91E-04	2.00E-02	2.02E-02
1.761	1.97E-04	2.00E-02	2.02E-02
1.763	2.04E-04	2.00E-02	2.02E-02
1.765	2.11E-04	2.00E-02	2.02E-02
1.767	2.18E-04	2.00E-02	2.02E-02
1.770	2.26E-04	2.00E-02	2.02E-02
1.746	1.49E-04	2.00E-02	2.01E-02
1.747	1.53E-04	2.00E-02	2.02E-02
1.749	1.58E-04	2.00E-02	2.02E-02
1.750	1.62E-04	2.00E-02	2.02E-02
1.752	1.67E-04	2.00E-02	2.02E-02
1.753	1.72E-04	2.00E-02	2.02E-02
1.755	1.78E-04	2.00E-02	2.02E-02
1.757	1.83E-04	2.00E-02	2.02E-02
1.759	1.89E-04	2.00E-02	2.02E-02
1.760	1.95E-04	2.00E-02	2.02E-02

1.762	2.02E-04	2.00E-02	2.02E-02
1.765	2.09E-04	2.00E-02	2.02E-02
1.767	2.16E-04	2.00E-02	2.02E-02
1.769	2.23E-04	2.00E-02	2.02E-02
1.772	2.31E-04	2.00E-02	2.02E-02
1.774	2.40E-04	2.00E-02	2.02E-02
1.747	1.53E-04	2.00E-02	2.02E-02
1.749	1.57E-04	2.00E-02	2.02E-02
1.750	1.61E-04	2.00E-02	2.02E-02
1.751	1.66E-04	2.00E-02	2.02E-02
1.753	1.71E-04	2.00E-02	2.02E-02
1.755	1.76E-04	2.00E-02	2.02E-02
1.756	1.82E-04	2.00E-02	2.02E-02
1.758	1.88E-04	2.00E-02	2.02E-02
1.760	1.94E-04	2.00E-02	2.02E-02
1.762	2.00E-04	2.00E-02	2.02E-02
1.764	2.07E-04	2.00E-02	2.02E-02
1.766	2.14E-04	2.00E-02	2.02E-02
1.768	2.21E-04	2.00E-02	2.02E-02
1.771	2.29E-04	2.00E-02	2.02E-02
1.773	2.37E-04	2.00E-02	2.02E-02
1.776	2.46E-04	2.00E-02	2.02E-02
1.779	2.55E-04	2.00E-02	2.03E-02
1.748	1.56E-04	2.00E-02	2.02E-02
1.750	1.60E-04	2.00E-02	2.02E-02
1.751	1.65E-04	2.00E-02	2.02E-02
1.753	1.70E-04	2.00E-02	2.02E-02
1.754	1.75E-04	2.00E-02	2.02E-02
1.756	1.81E-04	2.00E-02	2.02E-02
1.758	1.86E-04	2.00E-02	2.02E-02
1.759	1.92E-04	2.00E-02	2.02E-02
1.761	1.98E-04	2.00E-02	2.02E-02
1.763	2.05E-04	2.00E-02	2.02E-02
1.765	2.12E-04	2.00E-02	2.02E-02
1.768	2.19E-04	2.00E-02	2.02E-02
1.770	2.26E-04	2.00E-02	2.02E-02
1.772	2.34E-04	2.00E-02	2.02E-02
1.775	2.43E-04	2.00E-02	2.02E-02
1.778	2.51E-04	2.00E-02	2.03E-02
1.781	2.61E-04	2.00E-02	2.03E-02
1.784	2.71E-04	2.00E-02	2.03E-02
1.749	1.59E-04	2.00E-02	2.02E-02
1.751	1.64E-04	2.00E-02	2.02E-02
1.752	1.69E-04	2.00E-02	2.02E-02
1.754	1.74E-04	2.00E-02	2.02E-02
1.755	1.79E-04	2.00E-02	2.02E-02
1.757	1.85E-04	2.00E-02	2.02E-02
1.759	1.90E-04	2.00E-02	2.02E-02
1.761	1.96E-04	2.00E-02	2.02E-02
1.763	2.03E-04	2.00E-02	2.02E-02
1.765	2.09E-04	2.00E-02	2.02E-02
1.767	2.16E-04	2.00E-02	2.02E-02
1.769	2.23E-04	2.00E-02	2.02E-02
1.772	2.31E-04	2.00E-02	2.02E-02
1.774	2.39E-04	2.00E-02	2.02E-02

1.777	2.48E-04	2.00E-02	2.02E-02
1.779	2.57E-04	2.00E-02	2.03E-02
1.782	2.66E-04	2.00E-02	2.03E-02
1.786	2.76E-04	2.00E-02	2.03E-02
1.789	2.87E-04	2.00E-02	2.03E-02
1.792	2.98E-04	2.00E-02	2.03E-02
1.750	1.63E-04	2.00E-02	2.02E-02
1.752	1.67E-04	2.00E-02	2.02E-02
1.753	1.72E-04	2.00E-02	2.02E-02
1.755	1.77E-04	2.00E-02	2.02E-02
1.757	1.83E-04	2.00E-02	2.02E-02
1.758	1.88E-04	2.00E-02	2.02E-02
1.760	1.94E-04	2.00E-02	2.02E-02
1.762	2.00E-04	2.00E-02	2.02E-02
1.764	2.07E-04	2.00E-02	2.02E-02
1.766	2.14E-04	2.00E-02	2.02E-02
1.768	2.21E-04	2.00E-02	2.02E-02
1.771	2.28E-04	2.00E-02	2.02E-02
1.773	2.36E-04	2.00E-02	2.02E-02
1.776	2.44E-04	2.00E-02	2.02E-02
1.778	2.53E-04	2.00E-02	2.03E-02
1.781	2.62E-04	2.00E-02	2.03E-02
1.784	2.72E-04	2.00E-02	2.03E-02
1.787	2.82E-04	2.00E-02	2.03E-02
1.791	2.93E-04	2.00E-02	2.03E-02
1.794	3.04E-04	2.00E-02	2.03E-02
1.798	3.16E-04	2.00E-02	2.03E-02
1.751	1.66E-04	2.00E-02	2.02E-02
1.753	1.71E-04	2.00E-02	2.02E-02
1.754	1.76E-04	2.00E-02	2.02E-02
1.756	1.81E-04	2.00E-02	2.02E-02
1.758	1.86E-04	2.00E-02	2.02E-02
1.759	1.92E-04	2.00E-02	2.02E-02
1.761	1.98E-04	2.00E-02	2.02E-02
1.763	2.04E-04	2.00E-02	2.02E-02
1.765	2.11E-04	2.00E-02	2.02E-02
1.767	2.18E-04	2.00E-02	2.02E-02
1.770	2.25E-04	2.00E-02	2.02E-02
1.772	2.32E-04	2.00E-02	2.02E-02
1.774	2.40E-04	2.00E-02	2.02E-02
1.777	2.49E-04	2.00E-02	2.02E-02
1.780	2.58E-04	2.00E-02	2.03E-02
1.783	2.67E-04	2.00E-02	2.03E-02
1.786	2.77E-04	2.00E-02	2.03E-02
1.789	2.87E-04	2.00E-02	2.03E-02
1.792	2.98E-04	2.00E-02	2.03E-02
1.796	3.09E-04	2.00E-02	2.03E-02
1.799	3.21E-04	2.00E-02	2.03E-02
1.803	3.34E-04	2.00E-02	2.03E-02
1.752	1.69E-04	2.00E-02	2.02E-02
1.754	1.74E-04	2.00E-02	2.02E-02
1.755	1.79E-04	2.00E-02	2.02E-02
1.757	1.84E-04	2.00E-02	2.02E-02
1.759	1.90E-04	2.00E-02	2.02E-02
1.761	1.96E-04	2.00E-02	2.02E-02

1.762	2.02E-04	2.00E-02	2.02E-02
1.764	2.08E-04	2.00E-02	2.02E-02
1.766	2.15E-04	2.00E-02	2.02E-02
1.769	2.22E-04	2.00E-02	2.02E-02
1.771	2.29E-04	2.00E-02	2.02E-02
1.773	2.37E-04	2.00E-02	2.02E-02
1.776	2.45E-04	2.00E-02	2.02E-02
1.778	2.53E-04	2.00E-02	2.03E-02
1.781	2.62E-04	2.00E-02	2.03E-02
1.784	2.71E-04	2.00E-02	2.03E-02
1.787	2.81E-04	2.00E-02	2.03E-02
1.790	2.91E-04	2.00E-02	2.03E-02
1.794	3.02E-04	2.00E-02	2.03E-02
1.797	3.14E-04	2.00E-02	2.03E-02
1.801	3.26E-04	2.00E-02	2.03E-02
1.805	3.39E-04	2.00E-02	2.03E-02
1.809	3.52E-04	2.00E-02	2.04E-02
1.755	1.77E-04	2.00E-02	2.02E-02
1.756	1.83E-04	2.00E-02	2.02E-02
1.758	1.88E-04	2.00E-02	2.02E-02
1.760	1.93E-04	2.00E-02	2.02E-02
1.762	1.99E-04	2.00E-02	2.02E-02
1.764	2.06E-04	2.00E-02	2.02E-02
1.766	2.12E-04	2.00E-02	2.02E-02
1.768	2.19E-04	2.00E-02	2.02E-02
1.770	2.26E-04	2.00E-02	2.02E-02
1.772	2.33E-04	2.00E-02	2.02E-02
1.774	2.41E-04	2.00E-02	2.02E-02
1.777	2.49E-04	2.00E-02	2.02E-02
1.780	2.57E-04	2.00E-02	2.03E-02
1.782	2.66E-04	2.00E-02	2.03E-02
1.785	2.76E-04	2.00E-02	2.03E-02
1.788	2.85E-04	2.00E-02	2.03E-02
1.791	2.96E-04	2.00E-02	2.03E-02
1.795	3.07E-04	2.00E-02	2.03E-02
1.798	3.18E-04	2.00E-02	2.03E-02
1.802	3.30E-04	2.00E-02	2.03E-02
1.806	3.43E-04	2.00E-02	2.03E-02
1.810	3.56E-04	2.00E-02	2.04E-02
1.815	3.71E-04	2.00E-02	2.04E-02
1.819	3.86E-04	2.00E-02	2.04E-02
1.757	1.86E-04	2.00E-02	2.02E-02
1.759	1.91E-04	2.00E-02	2.02E-02
1.761	1.97E-04	2.00E-02	2.02E-02
1.763	2.03E-04	2.00E-02	2.02E-02
1.765	2.09E-04	2.00E-02	2.02E-02
1.767	2.15E-04	2.00E-02	2.02E-02
1.769	2.22E-04	2.00E-02	2.02E-02
1.771	2.29E-04	2.00E-02	2.02E-02
1.773	2.37E-04	2.00E-02	2.02E-02
1.776	2.44E-04	2.00E-02	2.02E-02
1.778	2.53E-04	2.00E-02	2.03E-02
1.781	2.61E-04	2.00E-02	2.03E-02
1.784	2.70E-04	2.00E-02	2.03E-02
1.786	2.79E-04	2.00E-02	2.03E-02

1.790	2.89E-04	2.00E-02	2.03E-02
1.793	3.00E-04	2.00E-02	2.03E-02
1.796	3.10E-04	2.00E-02	2.03E-02
1.800	3.22E-04	2.00E-02	2.03E-02
1.803	3.34E-04	2.00E-02	2.03E-02
1.807	3.46E-04	2.00E-02	2.03E-02
1.811	3.60E-04	2.00E-02	2.04E-02
1.816	3.74E-04	2.00E-02	2.04E-02
1.760	1.94E-04	2.00E-02	2.02E-02
1.762	2.00E-04	2.00E-02	2.02E-02
1.764	2.06E-04	2.00E-02	2.02E-02
1.766	2.12E-04	2.00E-02	2.02E-02
1.768	2.19E-04	2.00E-02	2.02E-02
1.770	2.26E-04	2.00E-02	2.02E-02
1.772	2.33E-04	2.00E-02	2.02E-02
1.774	2.40E-04	2.00E-02	2.02E-02
1.777	2.48E-04	2.00E-02	2.02E-02
1.779	2.56E-04	2.00E-02	2.03E-02
1.782	2.65E-04	2.00E-02	2.03E-02
1.785	2.74E-04	2.00E-02	2.03E-02
1.788	2.83E-04	2.00E-02	2.03E-02
1.791	2.93E-04	2.00E-02	2.03E-02
1.794	3.03E-04	2.00E-02	2.03E-02
1.797	3.14E-04	2.00E-02	2.03E-02
1.801	3.25E-04	2.00E-02	2.03E-02
1.804	3.37E-04	2.00E-02	2.03E-02
1.808	3.49E-04	2.00E-02	2.03E-02
1.812	3.63E-04	2.00E-02	2.04E-02
1.816	3.76E-04	2.00E-02	2.04E-02
1.763	2.03E-04	2.00E-02	2.02E-02
1.765	2.09E-04	2.00E-02	2.02E-02
1.767	2.15E-04	2.00E-02	2.02E-02
1.769	2.22E-04	2.00E-02	2.02E-02
1.771	2.29E-04	2.00E-02	2.02E-02
1.773	2.36E-04	2.00E-02	2.02E-02
1.775	2.43E-04	2.00E-02	2.02E-02
1.778	2.51E-04	2.00E-02	2.03E-02
1.780	2.59E-04	2.00E-02	2.03E-02
1.783	2.68E-04	2.00E-02	2.03E-02
1.786	2.77E-04	2.00E-02	2.03E-02
1.789	2.86E-04	2.00E-02	2.03E-02
1.792	2.96E-04	2.00E-02	2.03E-02
1.795	3.06E-04	2.00E-02	2.03E-02
1.798	3.17E-04	2.00E-02	2.03E-02
1.801	3.28E-04	2.00E-02	2.03E-02
1.805	3.40E-04	2.00E-02	2.03E-02
1.809	3.52E-04	2.00E-02	2.04E-02
1.813	3.65E-04	2.00E-02	2.04E-02
1.766	2.12E-04	2.00E-02	2.02E-02
1.768	2.18E-04	2.00E-02	2.02E-02
1.770	2.25E-04	2.00E-02	2.02E-02
1.772	2.32E-04	2.00E-02	2.02E-02
1.774	2.39E-04	2.00E-02	2.02E-02
1.776	2.46E-04	2.00E-02	2.02E-02
1.779	2.54E-04	2.00E-02	2.03E-02

1.781	2.62E-04	2.00E-02	2.03E-02
1.784	2.71E-04	2.00E-02	2.03E-02
1.787	2.80E-04	2.00E-02	2.03E-02
1.789	2.89E-04	2.00E-02	2.03E-02
1.792	2.99E-04	2.00E-02	2.03E-02
1.796	3.09E-04	2.00E-02	2.03E-02
1.799	3.19E-04	2.00E-02	2.03E-02
1.802	3.30E-04	2.00E-02	2.03E-02
1.806	3.42E-04	2.00E-02	2.03E-02
1.810	3.54E-04	2.00E-02	2.04E-02
1.770	2.28E-04	2.00E-02	2.02E-02
1.773	2.34E-04	2.00E-02	2.02E-02
1.775	2.42E-04	2.00E-02	2.02E-02
1.777	2.49E-04	2.00E-02	2.02E-02
1.779	2.57E-04	2.00E-02	2.03E-02
1.782	2.65E-04	2.00E-02	2.03E-02
1.785	2.73E-04	2.00E-02	2.03E-02
1.787	2.82E-04	2.00E-02	2.03E-02
1.790	2.91E-04	2.00E-02	2.03E-02
1.793	3.01E-04	2.00E-02	2.03E-02
1.796	3.11E-04	2.00E-02	2.03E-02
1.799	3.21E-04	2.00E-02	2.03E-02
1.803	3.32E-04	2.00E-02	2.03E-02
1.806	3.44E-04	2.00E-02	2.03E-02
1.810	3.55E-04	2.00E-02	2.04E-02
1.773	2.37E-04	2.00E-02	2.02E-02
1.776	2.44E-04	2.00E-02	2.02E-02
1.778	2.51E-04	2.00E-02	2.03E-02
1.780	2.59E-04	2.00E-02	2.03E-02
1.783	2.67E-04	2.00E-02	2.03E-02
1.785	2.76E-04	2.00E-02	2.03E-02
1.788	2.84E-04	2.00E-02	2.03E-02
1.791	2.93E-04	2.00E-02	2.03E-02
1.794	3.03E-04	2.00E-02	2.03E-02
1.797	3.13E-04	2.00E-02	2.03E-02
1.800	3.23E-04	2.00E-02	2.03E-02
1.803	3.34E-04	2.00E-02	2.03E-02
1.807	3.45E-04	2.00E-02	2.03E-02
1.776	2.46E-04	2.00E-02	2.02E-02
1.778	2.54E-04	2.00E-02	2.03E-02
1.781	2.61E-04	2.00E-02	2.03E-02
1.783	2.69E-04	2.00E-02	2.03E-02
1.786	2.77E-04	2.00E-02	2.03E-02
1.789	2.86E-04	2.00E-02	2.03E-02
1.791	2.95E-04	2.00E-02	2.03E-02
1.794	3.04E-04	2.00E-02	2.03E-02
1.797	3.14E-04	2.00E-02	2.03E-02
1.800	3.24E-04	2.00E-02	2.03E-02
1.804	3.34E-04	2.00E-02	2.03E-02
1.779	2.55E-04	2.00E-02	2.03E-02
1.781	2.63E-04	2.00E-02	2.03E-02
1.784	2.71E-04	2.00E-02	2.03E-02
1.786	2.79E-04	2.00E-02	2.03E-02
1.789	2.88E-04	2.00E-02	2.03E-02
1.792	2.96E-04	2.00E-02	2.03E-02

1.795	3.05E-04	2.00E-02	2.03E-02
1.797	3.15E-04	2.00E-02	2.03E-02
1.801	3.25E-04	2.00E-02	2.03E-02
1.804	3.35E-04	2.00E-02	2.03E-02
1.782	2.65E-04	2.00E-02	2.03E-02
1.784	2.72E-04	2.00E-02	2.03E-02
1.787	2.80E-04	2.00E-02	2.03E-02
1.789	2.89E-04	2.00E-02	2.03E-02
1.792	2.97E-04	2.00E-02	2.03E-02
1.795	3.06E-04	2.00E-02	2.03E-02
1.798	3.16E-04	2.00E-02	2.03E-02
1.801	3.25E-04	2.00E-02	2.03E-02
1.787	2.81E-04	2.00E-02	2.03E-02
1.790	2.89E-04	2.00E-02	2.03E-02
1.792	2.98E-04	2.00E-02	2.03E-02
1.795	3.07E-04	2.00E-02	2.03E-02
1.798	3.16E-04	2.00E-02	2.03E-02
1.790	2.90E-04	2.00E-02	2.03E-02
1.792	2.98E-04	2.00E-02	2.03E-02
1.795	3.07E-04	2.00E-02	2.03E-02
1.798	3.16E-04	2.00E-02	2.03E-02
1.792	2.98E-04	2.00E-02	2.03E-02
1.795	3.07E-04	2.00E-02	2.03E-02
3.808	6.81E-03	2.00E-02	2.68E-02
3.255	5.03E-03	2.00E-02	2.50E-02
5.302	1.16E-02	2.00E-02	3.16E-02
3.303	5.18E-03	2.00E-02	2.52E-02



**Project PM2.5 Emissions**

<b>Source Category</b>	<b>Hours/Year</b>	<b>lb/year</b>	<b>PM2.5 Emission Rate (g/s)</b>
Offroad	8760	14.86	2.14E-04
Staff	8760	1.20	1.72E-05
Inbound Trucks	8760	17.09	2.46E-04
Outbound Trucks	8760	1.40	2.02E-05
Stationary	8760	11.30	1.63E-04

<b>Source Group:</b>	<b>OFFROAD</b>	<b>HAUL</b>	<b>LD</b>	<b>SHREDDER</b>
<b>PM2.5 Emission Rate (g/s):</b>	2.14E-04	2.66E-04	1.72E-05	1.63E-04

g/lb 453.6  
sec/hr 3600

**Project PM2.5 Analysis**

		AERMOD Concentrations (ug/m <sup>3</sup> ) @ 1g/s				
X	Y	OFFROAD	HAUL	LD	SHREDDER	OFFROAD
600517	4129595	2.584	2.161	2.158	2.822	5.52E-04
600527	4129595	2.763	2.171	2.168	2.977	5.90E-04
600537	4129595	2.945	2.181	2.178	3.128	6.29E-04
600547	4129595	3.129	2.189	2.185	3.277	6.69E-04
600557	4129595	3.319	2.198	2.193	3.430	7.10E-04
600567	4129595	3.509	2.205	2.199	3.573	7.50E-04
600457	4129605	1.738	2.156	2.155	2.042	3.71E-04
600467	4129605	1.875	2.171	2.170	2.183	4.01E-04
600477	4129605	2.023	2.186	2.184	2.327	4.32E-04
600487	4129605	2.179	2.199	2.198	2.480	4.66E-04
600497	4129605	2.346	2.213	2.211	2.635	5.01E-04
600507	4129605	2.522	2.226	2.224	2.794	5.39E-04
600517	4129605	2.706	2.239	2.236	2.958	5.78E-04
600527	4129605	2.896	2.250	2.247	3.121	6.19E-04
600537	4129605	3.089	2.260	2.256	3.283	6.60E-04
600547	4129605	3.292	2.271	2.266	3.443	7.04E-04
600557	4129605	3.493	2.279	2.274	3.602	7.47E-04
600567	4129605	3.697	2.287	2.281	3.757	7.90E-04
600577	4129605	3.904	2.296	2.289	3.911	8.34E-04
600587	4129605	4.108	2.304	2.296	4.057	8.78E-04
600597	4129605	4.307	2.311	2.301	4.197	9.21E-04
600607	4129605	4.496	2.315	2.305	4.327	9.61E-04
600617	4129605	4.679	2.320	2.308	4.445	1.00E-03
600627	4129605	4.856	2.325	2.312	4.559	1.04E-03
600417	4129615	1.319	2.164	2.163	1.599	2.82E-04
600427	4129615	1.424	2.182	2.181	1.719	3.04E-04
600437	4129615	1.539	2.199	2.199	1.848	3.29E-04
600447	4129615	1.665	2.217	2.216	1.983	3.56E-04
600457	4129615	1.801	2.233	2.232	2.127	3.85E-04
600467	4129615	1.947	2.248	2.247	2.276	4.16E-04
600477	4129615	2.103	2.264	2.262	2.428	4.50E-04
600487	4129615	2.271	2.278	2.277	2.592	4.85E-04
600497	4129615	2.449	2.293	2.291	2.757	5.23E-04
600507	4129615	2.638	2.308	2.305	2.929	5.64E-04
600517	4129615	2.837	2.322	2.319	3.103	6.06E-04
600527	4129615	3.038	2.333	2.329	3.274	6.49E-04
600537	4129615	3.251	2.346	2.341	3.452	6.95E-04
600547	4129615	3.464	2.356	2.350	3.619	7.40E-04
600557	4129615	3.682	2.366	2.359	3.789	7.87E-04
600567	4129615	3.903	2.376	2.369	3.957	8.34E-04
600577	4129615	4.126	2.386	2.377	4.119	8.82E-04
600587	4129615	4.342	2.393	2.384	4.272	9.28E-04
600597	4129615	4.557	2.402	2.391	4.419	9.74E-04
600607	4129615	4.762	2.408	2.396	4.556	1.02E-03
600617	4129615	4.950	2.411	2.399	4.678	1.06E-03
600627	4129615	5.137	2.417	2.403	4.794	1.10E-03
600637	4129615	5.313	2.421	2.406	4.902	1.14E-03
600647	4129615	5.474	2.425	2.408	5.002	1.17E-03
600657	4129615	5.623	2.428	2.410	5.087	1.20E-03
600397	4129625	1.165	2.197	2.196	1.423	2.49E-04
600407	4129625	1.255	2.218	2.217	1.535	2.68E-04

600417	4129625	1.356	2.238	2.238	1.652	2.90E-04
600427	4129625	1.467	2.258	2.257	1.781	3.14E-04
600437	4129625	1.589	2.277	2.276	1.917	3.40E-04
600447	4129625	1.721	2.295	2.294	2.061	3.68E-04
600457	4129625	1.867	2.314	2.313	2.216	3.99E-04
600467	4129625	2.023	2.331	2.330	2.375	4.32E-04
600477	4129625	2.189	2.346	2.345	2.537	4.68E-04
600487	4129625	2.368	2.362	2.361	2.713	5.06E-04
600497	4129625	2.562	2.379	2.377	2.892	5.48E-04
600507	4129625	2.764	2.395	2.392	3.075	5.91E-04
600517	4129625	2.973	2.408	2.405	3.255	6.35E-04
600527	4129625	3.195	2.423	2.419	3.443	6.83E-04
600537	4129625	3.421	2.435	2.430	3.630	7.31E-04
600547	4129625	3.652	2.447	2.441	3.811	7.81E-04
600557	4129625	3.889	2.459	2.452	3.992	8.31E-04
600567	4129625	4.128	2.470	2.462	4.170	8.82E-04
600577	4129625	4.362	2.479	2.470	4.338	9.32E-04
600587	4129625	4.598	2.489	2.479	4.503	9.83E-04
600597	4129625	4.826	2.498	2.486	4.656	1.03E-03
600607	4129625	5.048	2.506	2.493	4.803	1.08E-03
600617	4129625	5.255	2.512	2.498	4.936	1.12E-03
600627	4129625	5.443	2.516	2.500	5.051	1.16E-03
600637	4129625	5.627	2.520	2.504	5.159	1.20E-03
600647	4129625	5.793	2.524	2.506	5.255	1.24E-03
600657	4129625	5.950	2.527	2.509	5.344	1.27E-03
600667	4129625	6.091	2.531	2.511	5.422	1.30E-03
600677	4129625	6.213	2.532	2.512	5.485	1.33E-03
600687	4129625	6.323	2.533	2.512	5.543	1.35E-03
600377	4129635	1.034	2.229	2.228	1.259	2.21E-04
600387	4129635	1.110	2.251	2.250	1.358	2.37E-04
600397	4129635	1.194	2.273	2.272	1.467	2.55E-04
600407	4129635	1.289	2.294	2.294	1.584	2.76E-04
600417	4129635	1.394	2.316	2.315	1.708	2.98E-04
600427	4129635	1.511	2.338	2.337	1.845	3.23E-04
600437	4129635	1.640	2.358	2.358	1.992	3.51E-04
600447	4129635	1.781	2.378	2.378	2.145	3.81E-04
600457	4129635	1.935	2.398	2.397	2.309	4.14E-04
600467	4129635	2.102	2.417	2.416	2.480	4.49E-04
600477	4129635	2.282	2.435	2.434	2.655	4.88E-04
600487	4129635	2.474	2.452	2.450	2.844	5.29E-04
600497	4129635	2.680	2.470	2.468	3.035	5.73E-04
600507	4129635	2.896	2.486	2.483	3.230	6.19E-04
600517	4129635	3.125	2.502	2.498	3.427	6.68E-04
600527	4129635	3.362	2.517	2.513	3.624	7.19E-04
600537	4129635	3.606	2.531	2.525	3.824	7.71E-04
600547	4129635	3.858	2.545	2.538	4.021	8.25E-04
600557	4129635	4.115	2.558	2.551	4.213	8.80E-04
600567	4129635	4.370	2.570	2.561	4.401	9.34E-04
600577	4129635	4.625	2.581	2.571	4.579	9.89E-04
600587	4129635	4.875	2.591	2.580	4.750	1.04E-03
600597	4129635	5.118	2.600	2.588	4.913	1.09E-03
600607	4129635	5.356	2.610	2.596	5.065	1.14E-03
600617	4129635	5.576	2.617	2.602	5.201	1.19E-03
600627	4129635	5.782	2.623	2.606	5.325	1.24E-03
600637	4129635	5.971	2.627	2.610	5.436	1.28E-03

600647	4129635	6.144	2.631	2.612	5.534	1.31E-03
600657	4129635	6.305	2.635	2.615	5.621	1.35E-03
600667	4129635	6.448	2.637	2.617	5.698	1.38E-03
600677	4129635	6.577	2.640	2.619	5.761	1.41E-03
600687	4129635	6.688	2.642	2.620	5.816	1.43E-03
600697	4129635	6.783	2.643	2.620	5.860	1.45E-03
600707	4129635	6.861	2.642	2.619	5.893	1.47E-03
600357	4129645	0.929	2.258	2.257	1.112	1.99E-04
600367	4129645	0.990	2.282	2.281	1.198	2.12E-04
600377	4129645	1.060	2.305	2.305	1.293	2.26E-04
600387	4129645	1.138	2.329	2.328	1.397	2.43E-04
600397	4129645	1.226	2.352	2.352	1.511	2.62E-04
600407	4129645	1.324	2.375	2.375	1.634	2.83E-04
600417	4129645	1.434	2.398	2.398	1.767	3.07E-04
600427	4129645	1.556	2.421	2.420	1.913	3.33E-04
600437	4129645	1.693	2.444	2.443	2.069	3.62E-04
600447	4129645	1.843	2.466	2.465	2.233	3.94E-04
600457	4129645	2.008	2.488	2.487	2.409	4.29E-04
600467	4129645	2.185	2.508	2.506	2.591	4.67E-04
600477	4129645	2.378	2.528	2.526	2.780	5.08E-04
600487	4129645	2.585	2.547	2.545	2.984	5.53E-04
600497	4129645	2.804	2.565	2.562	3.185	5.99E-04
600507	4129645	3.039	2.583	2.580	3.396	6.50E-04
600517	4129645	3.287	2.602	2.597	3.612	7.03E-04
600527	4129645	3.543	2.618	2.612	3.820	7.57E-04
600537	4129645	3.808	2.633	2.627	4.034	8.14E-04
600547	4129645	4.084	2.650	2.643	4.249	8.73E-04
600557	4129645	4.360	2.664	2.656	4.453	9.32E-04
600567	4129645	4.636	2.677	2.668	4.651	9.91E-04
600577	4129645	4.909	2.689	2.678	4.842	1.05E-03
600587	4129645	5.179	2.701	2.688	5.020	1.11E-03
600597	4129645	5.441	2.712	2.698	5.189	1.16E-03
600607	4129645	5.691	2.721	2.706	5.349	1.22E-03
600617	4129645	5.928	2.730	2.713	5.491	1.27E-03
600627	4129645	6.143	2.736	2.718	5.617	1.31E-03
600637	4129645	6.346	2.742	2.723	5.732	1.36E-03
600647	4129645	6.533	2.748	2.728	5.836	1.40E-03
600657	4129645	6.693	2.751	2.730	5.920	1.43E-03
600667	4129645	6.839	2.753	2.732	5.994	1.46E-03
600677	4129645	6.970	2.756	2.734	6.058	1.49E-03
600687	4129645	7.084	2.759	2.736	6.110	1.51E-03
600697	4129645	7.177	2.759	2.736	6.151	1.53E-03
600707	4129645	7.258	2.760	2.736	6.184	1.55E-03
600717	4129645	7.327	2.761	2.737	6.209	1.57E-03
600727	4129645	7.370	2.758	2.733	6.221	1.58E-03
600347	4129655	0.897	2.310	2.309	1.059	1.92E-04
600357	4129655	0.952	2.336	2.335	1.139	2.03E-04
600367	4129655	1.015	2.361	2.361	1.228	2.17E-04
600377	4129655	1.086	2.387	2.386	1.328	2.32E-04
600387	4129655	1.167	2.412	2.411	1.437	2.49E-04
600397	4129655	1.258	2.437	2.436	1.558	2.69E-04
600407	4129655	1.360	2.461	2.461	1.687	2.91E-04
600417	4129655	1.476	2.486	2.485	1.830	3.15E-04
600427	4129655	1.604	2.509	2.509	1.984	3.43E-04
600437	4129655	1.748	2.534	2.533	2.149	3.74E-04

600447	4129655	1.908	2.559	2.558	2.326	4.08E-04
600457	4129655	2.083	2.583	2.581	2.515	4.45E-04
600467	4129655	2.275	2.606	2.604	2.712	4.86E-04
600477	4129655	2.481	2.627	2.624	2.914	5.30E-04
600487	4129655	2.703	2.648	2.645	3.131	5.78E-04
600497	4129655	2.941	2.668	2.664	3.351	6.29E-04
600507	4129655	3.197	2.689	2.685	3.580	6.83E-04
600517	4129655	3.463	2.708	2.703	3.810	7.40E-04
600527	4129655	3.740	2.726	2.720	4.035	7.99E-04
600537	4129655	4.032	2.745	2.738	4.266	8.62E-04
600547	4129655	4.330	2.763	2.754	4.495	9.26E-04
600557	4129655	4.631	2.779	2.769	4.715	9.90E-04
600567	4129655	4.930	2.793	2.782	4.925	1.05E-03
600577	4129655	5.226	2.807	2.795	5.128	1.12E-03
600587	4129655	5.513	2.819	2.805	5.315	1.18E-03
600597	4129655	5.794	2.831	2.816	5.491	1.24E-03
600607	4129655	6.062	2.842	2.825	5.654	1.30E-03
600617	4129655	6.315	2.852	2.834	5.805	1.35E-03
600627	4129655	6.544	2.859	2.840	5.936	1.40E-03
600637	4129655	6.759	2.866	2.846	6.055	1.44E-03
600647	4129655	6.956	2.873	2.852	6.158	1.49E-03
600657	4129655	7.125	2.877	2.856	6.245	1.52E-03
600667	4129655	7.265	2.878	2.856	6.313	1.55E-03
600677	4129655	7.398	2.881	2.858	6.375	1.58E-03
600687	4129655	7.513	2.884	2.860	6.424	1.61E-03
600697	4129655	7.609	2.886	2.862	6.465	1.63E-03
600707	4129655	7.693	2.888	2.863	6.498	1.64E-03
600717	4129655	7.747	2.885	2.861	6.515	1.66E-03
600727	4129655	7.792	2.884	2.859	6.523	1.67E-03
600737	4129655	7.823	2.881	2.855	6.528	1.67E-03
600747	4129655	7.845	2.878	2.852	6.525	1.68E-03
600327	4129665	0.829	2.342	2.341	0.943	1.77E-04
600337	4129665	0.872	2.367	2.367	1.010	1.86E-04
600347	4129665	0.920	2.392	2.391	1.083	1.97E-04
600357	4129665	0.976	2.418	2.418	1.167	2.09E-04
600367	4129665	1.041	2.446	2.445	1.261	2.22E-04
600377	4129665	1.114	2.473	2.472	1.365	2.38E-04
600387	4129665	1.197	2.499	2.499	1.479	2.56E-04
600397	4129665	1.292	2.526	2.525	1.605	2.76E-04
600407	4129665	1.398	2.552	2.551	1.743	2.99E-04
600417	4129665	1.519	2.578	2.578	1.896	3.25E-04
600427	4129665	1.656	2.606	2.606	2.062	3.54E-04
600437	4129665	1.809	2.633	2.632	2.238	3.87E-04
600447	4129665	1.978	2.659	2.657	2.427	4.23E-04
600457	4129665	2.164	2.683	2.682	2.629	4.62E-04
600467	4129665	2.369	2.709	2.707	2.840	5.06E-04
600477	4129665	2.592	2.733	2.731	3.061	5.54E-04
600487	4129665	2.833	2.757	2.753	3.295	6.06E-04
600497	4129665	3.090	2.779	2.775	3.534	6.61E-04
600507	4129665	3.363	2.800	2.796	3.775	7.19E-04
600517	4129665	3.652	2.821	2.815	4.021	7.81E-04
600527	4129665	3.959	2.843	2.836	4.272	8.46E-04
600537	4129665	4.275	2.864	2.856	4.519	9.14E-04
600547	4129665	4.596	2.882	2.873	4.761	9.82E-04
600557	4129665	4.923	2.900	2.890	4.996	1.05E-03

600567	4129665	5.250	2.918	2.905	5.220	1.12E-03
600577	4129665	5.574	2.934	2.920	5.437	1.19E-03
600587	4129665	5.886	2.948	2.933	5.639	1.26E-03
600597	4129665	6.186	2.961	2.944	5.823	1.32E-03
600607	4129665	6.472	2.972	2.955	5.991	1.38E-03
600617	4129665	6.738	2.983	2.964	6.143	1.44E-03
600627	4129665	6.978	2.990	2.970	6.275	1.49E-03
600637	4129665	7.207	2.999	2.979	6.400	1.54E-03
600647	4129665	7.415	3.008	2.986	6.508	1.58E-03
600657	4129665	7.598	3.014	2.992	6.599	1.62E-03
600667	4129665	7.744	3.016	2.993	6.662	1.66E-03
600677	4129665	7.865	3.016	2.993	6.715	1.68E-03
600687	4129665	7.983	3.020	2.996	6.767	1.71E-03
600697	4129665	8.083	3.023	2.999	6.805	1.73E-03
600707	4129665	8.153	3.022	2.997	6.827	1.74E-03
600717	4129665	8.205	3.019	2.995	6.839	1.75E-03
600727	4129665	8.249	3.018	2.993	6.850	1.76E-03
600737	4129665	8.278	3.016	2.990	6.848	1.77E-03
600747	4129665	8.296	3.013	2.987	6.844	1.77E-03
600757	4129665	8.304	3.010	2.984	6.835	1.77E-03
600317	4129675	0.816	2.397	2.396	0.903	1.74E-04
600327	4129675	0.854	2.425	2.425	0.965	1.83E-04
600337	4129675	0.897	2.453	2.453	1.034	1.92E-04
600347	4129675	0.947	2.481	2.480	1.110	2.02E-04
600357	4129675	1.004	2.508	2.507	1.196	2.14E-04
600367	4129675	1.069	2.536	2.535	1.293	2.28E-04
600377	4129675	1.144	2.565	2.564	1.401	2.45E-04
600387	4129675	1.230	2.593	2.592	1.522	2.63E-04
600397	4129675	1.327	2.620	2.620	1.655	2.84E-04
600407	4129675	1.438	2.648	2.647	1.803	3.07E-04
600417	4129675	1.566	2.678	2.677	1.966	3.35E-04
600427	4129675	1.711	2.709	2.709	2.144	3.66E-04
600437	4129675	1.872	2.737	2.736	2.332	4.00E-04
600447	4129675	2.051	2.765	2.764	2.535	4.38E-04
600457	4129675	2.250	2.792	2.790	2.751	4.81E-04
600467	4129675	2.467	2.818	2.815	2.976	5.27E-04
600477	4129675	2.709	2.845	2.842	3.216	5.79E-04
600487	4129675	2.969	2.871	2.867	3.469	6.35E-04
600497	4129675	3.246	2.895	2.891	3.725	6.94E-04
600507	4129675	3.544	2.920	2.914	3.986	7.57E-04
600517	4129675	3.861	2.944	2.938	4.256	8.25E-04
600527	4129675	4.197	2.969	2.961	4.529	8.97E-04
600537	4129675	4.537	2.990	2.981	4.791	9.70E-04
600547	4129675	4.889	3.012	3.001	5.051	1.05E-03
600557	4129675	5.246	3.032	3.020	5.304	1.12E-03
600567	4129675	5.601	3.051	3.038	5.544	1.20E-03
600577	4129675	5.953	3.069	3.055	5.772	1.27E-03
600587	4129675	6.296	3.086	3.070	5.987	1.35E-03
600597	4129675	6.619	3.101	3.083	6.182	1.41E-03
600607	4129675	6.920	3.113	3.094	6.356	1.48E-03
600617	4129675	7.202	3.124	3.104	6.511	1.54E-03
600627	4129675	7.452	3.132	3.111	6.642	1.59E-03
600637	4129675	7.698	3.143	3.122	6.769	1.65E-03
600647	4129675	7.915	3.152	3.130	6.878	1.69E-03
600657	4129675	8.098	3.158	3.135	6.966	1.73E-03

600667	4129675	8.254	3.162	3.138	7.034	1.76E-03
600677	4129675	8.379	3.163	3.139	7.084	1.79E-03
600687	4129675	8.499	3.167	3.143	7.133	1.82E-03
600697	4129675	8.591	3.168	3.144	7.165	1.84E-03
600707	4129675	8.657	3.167	3.142	7.183	1.85E-03
600717	4129675	8.708	3.165	3.140	7.193	1.86E-03
600727	4129675	8.748	3.164	3.139	7.197	1.87E-03
600737	4129675	8.774	3.162	3.136	7.195	1.88E-03
600747	4129675	8.787	3.158	3.133	7.187	1.88E-03
600757	4129675	8.789	3.155	3.129	7.173	1.88E-03
600767	4129675	8.781	3.150	3.124	7.156	1.88E-03
600297	4129685	0.780	2.421	2.421	0.822	1.67E-04
600307	4129685	0.809	2.451	2.451	0.870	1.73E-04
600317	4129685	0.843	2.482	2.482	0.925	1.80E-04
600327	4129685	0.881	2.513	2.513	0.987	1.88E-04
600337	4129685	0.925	2.544	2.543	1.057	1.98E-04
600347	4129685	0.975	2.573	2.573	1.137	2.08E-04
600357	4129685	1.033	2.603	2.603	1.228	2.21E-04
600367	4129685	1.100	2.634	2.633	1.328	2.35E-04
600377	4129685	1.177	2.663	2.663	1.442	2.51E-04
600387	4129685	1.264	2.691	2.691	1.569	2.70E-04
600397	4129685	1.364	2.720	2.720	1.709	2.92E-04
600407	4129685	1.481	2.752	2.751	1.866	3.17E-04
600417	4129685	1.616	2.786	2.786	2.041	3.46E-04
600427	4129685	1.768	2.818	2.817	2.230	3.78E-04
600437	4129685	1.937	2.847	2.846	2.430	4.14E-04
600447	4129685	2.128	2.877	2.876	2.650	4.55E-04
600457	4129685	2.340	2.907	2.905	2.882	5.00E-04
600467	4129685	2.573	2.935	2.932	3.125	5.50E-04
600477	4129685	2.833	2.965	2.962	3.384	6.05E-04
600487	4129685	3.112	2.993	2.988	3.656	6.65E-04
600497	4129685	3.414	3.020	3.015	3.933	7.30E-04
600507	4129685	3.743	3.049	3.043	4.220	8.00E-04
600517	4129685	4.092	3.077	3.070	4.515	8.75E-04
600527	4129685	4.451	3.102	3.093	4.803	9.51E-04
600537	4129685	4.826	3.127	3.117	5.089	1.03E-03
600547	4129685	5.212	3.151	3.140	5.369	1.11E-03
600557	4129685	5.600	3.174	3.161	5.638	1.20E-03
600567	4129685	5.989	3.195	3.181	5.898	1.28E-03
600577	4129685	6.371	3.216	3.200	6.139	1.36E-03
600587	4129685	6.744	3.235	3.218	6.366	1.44E-03
600597	4129685	7.096	3.252	3.234	6.570	1.52E-03
600607	4129685	7.422	3.266	3.247	6.751	1.59E-03
600617	4129685	7.721	3.279	3.258	6.914	1.65E-03
600627	4129685	7.989	3.288	3.267	7.052	1.71E-03
600637	4129685	8.241	3.299	3.277	7.176	1.76E-03
600647	4129685	8.467	3.309	3.287	7.283	1.81E-03
600657	4129685	8.656	3.316	3.293	7.366	1.85E-03
600667	4129685	8.812	3.319	3.296	7.432	1.88E-03
600677	4129685	8.944	3.322	3.298	7.483	1.91E-03
600687	4129685	9.060	3.326	3.302	7.526	1.94E-03
600697	4129685	9.146	3.326	3.302	7.552	1.95E-03
600707	4129685	9.212	3.325	3.301	7.568	1.97E-03
600717	4129685	9.260	3.324	3.299	7.575	1.98E-03
600727	4129685	9.294	3.322	3.297	7.575	1.99E-03

600737	4129685	9.314	3.319	3.294	7.569	1.99E-03
600747	4129685	9.321	3.315	3.290	7.556	1.99E-03
600757	4129685	9.317	3.311	3.285	7.539	1.99E-03
600767	4129685	9.303	3.306	3.280	7.513	1.99E-03
600777	4129685	9.278	3.299	3.273	7.492	1.98E-03
600787	4129685	9.246	3.292	3.266	7.458	1.98E-03
600287	4129695	0.784	2.475	2.475	0.799	1.68E-04
600297	4129695	0.810	2.508	2.508	0.843	1.73E-04
600307	4129695	0.839	2.540	2.540	0.890	1.79E-04
600317	4129695	0.872	2.572	2.572	0.944	1.86E-04
600327	4129695	0.910	2.605	2.605	1.009	1.95E-04
600337	4129695	0.955	2.639	2.638	1.082	2.04E-04
600347	4129695	1.006	2.670	2.670	1.164	2.15E-04
600357	4129695	1.065	2.703	2.703	1.258	2.28E-04
600367	4129695	1.133	2.735	2.735	1.364	2.42E-04
600377	4129695	1.211	2.767	2.767	1.483	2.59E-04
600387	4129695	1.299	2.794	2.794	1.613	2.78E-04
600397	4129695	1.404	2.827	2.826	1.763	3.00E-04
600407	4129695	1.527	2.864	2.863	1.933	3.26E-04
600417	4129695	1.667	2.898	2.897	2.117	3.56E-04
600427	4129695	1.826	2.931	2.930	2.318	3.90E-04
600437	4129695	2.006	2.965	2.963	2.535	4.29E-04
600447	4129695	2.208	2.997	2.995	2.771	4.72E-04
600457	4129695	2.432	3.027	3.025	3.019	5.20E-04
600467	4129695	2.685	3.060	3.057	3.284	5.74E-04
600477	4129695	2.964	3.093	3.088	3.564	6.34E-04
600487	4129695	3.266	3.123	3.118	3.858	6.98E-04
600497	4129695	3.598	3.156	3.149	4.164	7.69E-04
600507	4129695	3.960	3.189	3.181	4.478	8.46E-04
600517	4129695	4.335	3.218	3.209	4.791	9.27E-04
600527	4129695	4.733	3.247	3.237	5.106	1.01E-03
600537	4129695	5.146	3.275	3.264	5.417	1.10E-03
600547	4129695	5.568	3.302	3.290	5.717	1.19E-03
600557	4129695	5.993	3.328	3.314	6.005	1.28E-03
600567	4129695	6.420	3.352	3.337	6.282	1.37E-03
600577	4129695	6.835	3.375	3.358	6.539	1.46E-03
600587	4129695	7.240	3.396	3.378	6.778	1.55E-03
600597	4129695	7.619	3.415	3.396	6.993	1.63E-03
600607	4129695	7.972	3.432	3.412	7.182	1.70E-03
600617	4129695	8.294	3.446	3.425	7.348	1.77E-03
600627	4129695	8.586	3.459	3.437	7.492	1.84E-03
600637	4129695	8.842	3.469	3.447	7.614	1.89E-03
600647	4129695	9.076	3.480	3.457	7.721	1.94E-03
600657	4129695	9.274	3.488	3.465	7.804	1.98E-03
600667	4129695	9.426	3.490	3.467	7.861	2.01E-03
600677	4129695	9.566	3.495	3.472	7.916	2.04E-03
600687	4129695	9.676	3.497	3.474	7.952	2.07E-03
600697	4129695	9.757	3.497	3.474	7.973	2.09E-03
600707	4129695	9.821	3.497	3.473	7.984	2.10E-03
600717	4129695	9.864	3.495	3.471	7.986	2.11E-03
600727	4129695	9.891	3.492	3.468	7.982	2.11E-03
600737	4129695	9.904	3.489	3.464	7.972	2.12E-03
600747	4129695	9.905	3.485	3.459	7.955	2.12E-03
600757	4129695	9.892	3.479	3.454	7.930	2.11E-03
600767	4129695	9.870	3.473	3.448	7.908	2.11E-03



600777	4129695	9.837	3.466	3.440	7.874	2.10E-03
600787	4129695	9.797	3.458	3.433	7.840	2.09E-03
600797	4129695	9.749	3.450	3.424	7.804	2.08E-03
600277	4129705	0.795	2.532	2.533	0.785	1.70E-04
600287	4129705	0.817	2.565	2.566	0.821	1.75E-04
600297	4129705	0.842	2.599	2.599	0.863	1.80E-04
600307	4129705	0.871	2.633	2.634	0.912	1.86E-04
600317	4129705	0.905	2.668	2.668	0.968	1.93E-04
600327	4129705	0.943	2.703	2.703	1.034	2.02E-04
600337	4129705	0.987	2.737	2.737	1.107	2.11E-04
600347	4129705	1.039	2.773	2.773	1.192	2.22E-04
600357	4129705	1.098	2.807	2.807	1.290	2.35E-04
600367	4129705	1.168	2.842	2.842	1.401	2.50E-04
600377	4129705	1.248	2.876	2.876	1.525	2.67E-04
600387	4129705	1.341	2.911	2.910	1.665	2.87E-04
600397	4129705	1.448	2.944	2.943	1.823	3.10E-04
600407	4129705	1.575	2.981	2.980	2.002	3.37E-04
600417	4129705	1.719	3.016	3.015	2.197	3.67E-04
600427	4129705	1.886	3.052	3.050	2.410	4.03E-04
600437	4129705	2.076	3.088	3.086	2.645	4.44E-04
600447	4129705	2.289	3.122	3.120	2.897	4.89E-04
600457	4129705	2.530	3.157	3.153	3.166	5.41E-04
600467	4129705	2.803	3.194	3.190	3.456	5.99E-04
600477	4129705	3.103	3.229	3.223	3.758	6.63E-04
600487	4129705	3.433	3.264	3.258	4.080	7.34E-04
600497	4129705	3.803	3.303	3.296	4.423	8.13E-04
600507	4129705	4.193	3.338	3.329	4.760	8.96E-04
600517	4129705	4.609	3.372	3.362	5.101	9.85E-04
600527	4129705	5.045	3.405	3.393	5.441	1.08E-03
600537	4129705	5.499	3.436	3.424	5.778	1.18E-03
600547	4129705	5.964	3.467	3.453	6.105	1.27E-03
600557	4129705	6.433	3.495	3.480	6.413	1.38E-03
600567	4129705	6.901	3.523	3.507	6.707	1.47E-03
600577	4129705	7.352	3.548	3.530	6.977	1.57E-03
600587	4129705	7.789	3.571	3.553	7.226	1.66E-03
600597	4129705	8.199	3.592	3.573	7.449	1.75E-03
600607	4129705	8.582	3.612	3.591	7.651	1.83E-03
600617	4129705	8.932	3.629	3.608	7.825	1.91E-03
600627	4129705	9.247	3.644	3.623	7.974	1.98E-03
600637	4129705	9.516	3.656	3.634	8.096	2.03E-03
600647	4129705	9.753	3.666	3.644	8.195	2.08E-03
600657	4129705	9.943	3.671	3.649	8.273	2.13E-03
600667	4129705	10.113	3.678	3.656	8.336	2.16E-03
600677	4129705	10.247	3.682	3.659	8.379	2.19E-03
600687	4129705	10.355	3.684	3.662	8.410	2.21E-03
600697	4129705	10.433	3.684	3.661	8.429	2.23E-03
600707	4129705	10.489	3.682	3.659	8.435	2.24E-03
600717	4129705	10.525	3.680	3.656	8.433	2.25E-03
600727	4129705	10.546	3.677	3.653	8.421	2.25E-03
600737	4129705	10.552	3.673	3.649	8.407	2.26E-03
600747	4129705	10.544	3.668	3.643	8.384	2.25E-03
600757	4129705	10.522	3.662	3.637	8.361	2.25E-03
600767	4129705	10.489	3.654	3.629	8.327	2.24E-03
600777	4129705	10.447	3.646	3.621	8.290	2.23E-03
600787	4129705	10.396	3.637	3.613	8.252	2.22E-03

600797	4129705	10.337	3.628	3.604	8.209	2.21E-03
600807	4129705	10.271	3.617	3.594	8.164	2.20E-03
600267	4129715	0.811	2.590	2.591	0.777	1.73E-04
600277	4129715	0.831	2.626	2.627	0.808	1.78E-04
600287	4129715	0.853	2.661	2.662	0.845	1.82E-04
600297	4129715	0.878	2.696	2.697	0.887	1.88E-04
600307	4129715	0.907	2.732	2.733	0.936	1.94E-04
600317	4129715	0.941	2.769	2.770	0.992	2.01E-04
600327	4129715	0.979	2.807	2.808	1.057	2.09E-04
600337	4129715	1.024	2.844	2.844	1.134	2.19E-04
600347	4129715	1.075	2.881	2.881	1.222	2.30E-04
600357	4129715	1.136	2.918	2.919	1.323	2.43E-04
600367	4129715	1.206	2.956	2.956	1.438	2.58E-04
600377	4129715	1.288	2.992	2.992	1.568	2.75E-04
600387	4129715	1.383	3.028	3.028	1.716	2.96E-04
600397	4129715	1.494	3.065	3.065	1.883	3.19E-04
600407	4129715	1.625	3.104	3.103	2.072	3.47E-04
600417	4129715	1.775	3.142	3.141	2.280	3.79E-04
600427	4129715	1.950	3.182	3.180	2.510	4.17E-04
600437	4129715	2.149	3.219	3.216	2.760	4.59E-04
600447	4129715	2.375	3.256	3.253	3.032	5.08E-04
600457	4129715	2.638	3.299	3.294	3.330	5.64E-04
600467	4129715	2.929	3.338	3.332	3.641	6.26E-04
600477	4129715	3.254	3.377	3.370	3.972	6.96E-04
600487	4129715	3.622	3.420	3.412	4.333	7.74E-04
600497	4129715	4.022	3.461	3.453	4.702	8.60E-04
600507	4129715	4.448	3.500	3.490	5.069	9.51E-04
600517	4129715	4.908	3.539	3.528	5.442	1.05E-03
600527	4129715	5.393	3.577	3.564	5.816	1.15E-03
600537	4129715	5.895	3.612	3.599	6.179	1.26E-03
600547	4129715	6.406	3.646	3.631	6.529	1.37E-03
600557	4129715	6.924	3.678	3.663	6.865	1.48E-03
600567	4129715	7.437	3.709	3.692	7.178	1.59E-03
600577	4129715	7.934	3.737	3.720	7.465	1.70E-03
600587	4129715	8.406	3.763	3.744	7.723	1.80E-03
600597	4129715	8.857	3.788	3.768	7.958	1.89E-03
600607	4129715	9.272	3.810	3.790	8.168	1.98E-03
600617	4129715	9.647	3.830	3.809	8.348	2.06E-03
600627	4129715	9.981	3.847	3.826	8.499	2.13E-03
600637	4129715	10.267	3.860	3.839	8.622	2.19E-03
600647	4129715	10.498	3.868	3.847	8.711	2.24E-03
600657	4129715	10.696	3.874	3.854	8.781	2.29E-03
600667	4129715	10.874	3.883	3.862	8.848	2.32E-03
600677	4129715	11.008	3.887	3.866	8.889	2.35E-03
600687	4129715	11.110	3.889	3.867	8.916	2.37E-03
600697	4129715	11.180	3.887	3.866	8.923	2.39E-03
600707	4129715	11.227	3.885	3.863	8.923	2.40E-03
600717	4129715	11.257	3.882	3.859	8.915	2.41E-03
600727	4129715	11.268	3.878	3.855	8.903	2.41E-03
600737	4129715	11.264	3.873	3.849	8.878	2.41E-03
600747	4129715	11.245	3.867	3.843	8.854	2.40E-03
600757	4129715	11.213	3.860	3.836	8.821	2.40E-03
600767	4129715	11.167	3.851	3.827	8.781	2.39E-03
600777	4129715	11.112	3.841	3.818	8.741	2.38E-03
600787	4129715	11.048	3.831	3.808	8.695	2.36E-03

600797	4129715	10.975	3.820	3.798	8.648	2.35E-03
600807	4129715	10.893	3.808	3.787	8.594	2.33E-03
600817	4129715	10.804	3.795	3.775	8.537	2.31E-03
600257	4129725	0.833	2.648	2.651	0.775	1.78E-04
600267	4129725	0.851	2.687	2.689	0.802	1.82E-04
600277	4129725	0.871	2.725	2.727	0.835	1.86E-04
600287	4129725	0.894	2.763	2.764	0.871	1.91E-04
600297	4129725	0.919	2.799	2.800	0.913	1.96E-04
600307	4129725	0.948	2.839	2.840	0.962	2.03E-04
600317	4129725	0.982	2.880	2.881	1.019	2.10E-04
600327	4129725	1.020	2.918	2.919	1.086	2.18E-04
600337	4129725	1.065	2.958	2.958	1.164	2.28E-04
600347	4129725	1.116	2.997	2.997	1.252	2.39E-04
600357	4129725	1.177	3.036	3.036	1.356	2.52E-04
600367	4129725	1.248	3.075	3.075	1.476	2.67E-04
600377	4129725	1.330	3.114	3.113	1.611	2.84E-04
600387	4129725	1.429	3.155	3.155	1.768	3.05E-04
600397	4129725	1.543	3.194	3.194	1.945	3.30E-04
600407	4129725	1.678	3.236	3.235	2.144	3.59E-04
600417	4129725	1.835	3.278	3.276	2.368	3.92E-04
600427	4129725	2.016	3.318	3.315	2.615	4.31E-04
600437	4129725	2.222	3.356	3.353	2.879	4.75E-04
600447	4129725	2.471	3.404	3.400	3.183	5.28E-04
600457	4129725	2.749	3.448	3.442	3.501	5.88E-04
600467	4129725	3.063	3.492	3.485	3.841	6.55E-04
600477	4129725	3.424	3.540	3.532	4.214	7.32E-04
600487	4129725	3.822	3.587	3.578	4.605	8.17E-04
600497	4129725	4.253	3.630	3.620	5.001	9.09E-04
600507	4129725	4.726	3.675	3.664	5.408	1.01E-03
600517	4129725	5.238	3.720	3.708	5.818	1.12E-03
600527	4129725	5.775	3.763	3.749	6.225	1.23E-03
600537	4129725	6.330	3.803	3.788	6.616	1.35E-03
600547	4129725	6.901	3.842	3.827	6.998	1.47E-03
600557	4129725	7.475	3.879	3.863	7.360	1.60E-03
600567	4129725	8.044	3.914	3.897	7.697	1.72E-03
600577	4129725	8.587	3.945	3.927	8.000	1.84E-03
600587	4129725	9.108	3.975	3.956	8.276	1.95E-03
600597	4129725	9.599	4.003	3.984	8.523	2.05E-03
600607	4129725	10.051	4.029	4.009	8.740	2.15E-03
600617	4129725	10.454	4.051	4.031	8.924	2.23E-03
600627	4129725	10.801	4.068	4.049	9.072	2.31E-03
600637	4129725	11.088	4.080	4.061	9.182	2.37E-03
600647	4129725	11.327	4.088	4.069	9.274	2.42E-03
600657	4129725	11.543	4.099	4.080	9.351	2.47E-03
600667	4129725	11.722	4.108	4.088	9.407	2.51E-03
600677	4129725	11.853	4.111	4.092	9.444	2.53E-03
600687	4129725	11.946	4.112	4.092	9.458	2.55E-03
600697	4129725	12.010	4.110	4.090	9.465	2.57E-03
600707	4129725	12.046	4.106	4.085	9.456	2.57E-03
600717	4129725	12.065	4.102	4.081	9.445	2.58E-03
600727	4129725	12.066	4.097	4.075	9.419	2.58E-03
600737	4129725	12.049	4.091	4.069	9.396	2.58E-03
600747	4129725	12.018	4.084	4.061	9.362	2.57E-03
600757	4129725	11.970	4.075	4.052	9.320	2.56E-03
600767	4129725	11.910	4.065	4.042	9.277	2.55E-03

600777	4129725	11.838	4.054	4.032	9.227	2.53E-03
600787	4129725	11.757	4.041	4.021	9.176	2.51E-03
600797	4129725	11.666	4.028	4.009	9.119	2.49E-03
600807	4129725	11.566	4.014	3.996	9.057	2.47E-03
600817	4129725	11.457	3.999	3.982	8.990	2.45E-03
600827	4129725	11.339	3.982	3.967	8.921	2.42E-03
600247	4129735	0.860	2.708	2.711	0.781	1.84E-04
600257	4129735	0.877	2.750	2.752	0.804	1.87E-04
600267	4129735	0.896	2.791	2.793	0.831	1.91E-04
600277	4129735	0.916	2.832	2.834	0.863	1.96E-04
600287	4129735	0.939	2.872	2.874	0.900	2.01E-04
600297	4129735	0.964	2.913	2.914	0.941	2.06E-04
600307	4129735	0.994	2.954	2.956	0.991	2.12E-04
600317	4129735	1.027	2.996	2.997	1.049	2.20E-04
600327	4129735	1.066	3.037	3.038	1.115	2.28E-04
600337	4129735	1.110	3.077	3.078	1.192	2.37E-04
600347	4129735	1.162	3.120	3.121	1.285	2.48E-04
600357	4129735	1.223	3.161	3.162	1.392	2.61E-04
600367	4129735	1.294	3.203	3.203	1.516	2.77E-04
600377	4129735	1.379	3.245	3.245	1.658	2.95E-04
600387	4129735	1.479	3.289	3.288	1.823	3.16E-04
600397	4129735	1.596	3.332	3.331	2.009	3.41E-04
600407	4129735	1.734	3.375	3.373	2.221	3.71E-04
600417	4129735	1.898	3.421	3.419	2.461	4.06E-04
600427	4129735	2.088	3.466	3.462	2.726	4.46E-04
600437	4129735	2.310	3.513	3.508	3.018	4.94E-04
600447	4129735	2.570	3.561	3.555	3.340	5.49E-04
600457	4129735	2.867	3.610	3.603	3.687	6.13E-04
600467	4129735	3.213	3.662	3.654	4.067	6.87E-04
600477	4129735	3.605	3.715	3.706	4.475	7.70E-04
600487	4129735	4.034	3.765	3.755	4.897	8.62E-04
600497	4129735	4.511	3.815	3.804	5.336	9.64E-04
600507	4129735	5.037	3.867	3.855	5.785	1.08E-03
600517	4129735	5.606	3.918	3.905	6.238	1.20E-03
600527	4129735	6.204	3.967	3.953	6.683	1.33E-03
600537	4129735	6.824	4.013	3.998	7.111	1.46E-03
600547	4129735	7.462	4.058	4.043	7.525	1.59E-03
600557	4129735	8.099	4.099	4.084	7.913	1.73E-03
600567	4129735	8.729	4.139	4.123	8.273	1.87E-03
600577	4129735	9.331	4.175	4.158	8.594	1.99E-03
600587	4129735	9.906	4.209	4.192	8.887	2.12E-03
600597	4129735	10.441	4.240	4.223	9.144	2.23E-03
600607	4129735	10.925	4.268	4.251	9.363	2.34E-03
600617	4129735	11.354	4.292	4.275	9.548	2.43E-03
600627	4129735	11.719	4.311	4.294	9.696	2.50E-03
600637	4129735	12.012	4.322	4.305	9.804	2.57E-03
600647	4129735	12.271	4.334	4.317	9.893	2.62E-03
600657	4129735	12.494	4.346	4.329	9.969	2.67E-03
600667	4129735	12.668	4.354	4.336	10.018	2.71E-03
600677	4129735	12.794	4.357	4.339	10.045	2.73E-03
600687	4129735	12.878	4.356	4.338	10.056	2.75E-03
600697	4129735	12.932	4.354	4.335	10.054	2.76E-03
600707	4129735	12.960	4.350	4.330	10.042	2.77E-03
600717	4129735	12.963	4.343	4.323	10.016	2.77E-03
600727	4129735	12.948	4.337	4.316	9.993	2.77E-03

600737	4129735	12.916	4.330	4.308	9.956	2.76E-03
600747	4129735	12.868	4.321	4.300	9.914	2.75E-03
600757	4129735	12.803	4.310	4.289	9.866	2.74E-03
600767	4129735	12.724	4.298	4.278	9.813	2.72E-03
600777	4129735	12.632	4.285	4.266	9.757	2.70E-03
600787	4129735	12.528	4.270	4.252	9.693	2.68E-03
600797	4129735	12.415	4.254	4.238	9.627	2.65E-03
600807	4129735	12.290	4.237	4.223	9.553	2.63E-03
600817	4129735	12.156	4.218	4.206	9.476	2.60E-03
600827	4129735	12.012	4.198	4.188	9.392	2.57E-03
600837	4129735	11.859	4.176	4.169	9.305	2.53E-03
600247	4129745	0.908	2.814	2.817	0.813	1.94E-04
600257	4129745	0.926	2.858	2.861	0.837	1.98E-04
600267	4129745	0.945	2.903	2.905	0.864	2.02E-04
600277	4129745	0.966	2.946	2.948	0.895	2.06E-04
600287	4129745	0.989	2.989	2.991	0.931	2.11E-04
600297	4129745	1.015	3.032	3.034	0.974	2.17E-04
600307	4129745	1.045	3.077	3.079	1.023	2.23E-04
600317	4129745	1.079	3.121	3.123	1.081	2.31E-04
600327	4129745	1.117	3.164	3.166	1.148	2.39E-04
600337	4129745	1.161	3.206	3.207	1.226	2.48E-04
600347	4129745	1.213	3.251	3.252	1.320	2.59E-04
600357	4129745	1.275	3.295	3.296	1.429	2.72E-04
600367	4129745	1.347	3.340	3.340	1.557	2.88E-04
600377	4129745	1.432	3.384	3.384	1.705	3.06E-04
600387	4129745	1.533	3.431	3.430	1.877	3.28E-04
600397	4129745	1.653	3.478	3.476	2.074	3.53E-04
600407	4129745	1.795	3.525	3.522	2.299	3.84E-04
600417	4129745	1.963	3.572	3.569	2.553	4.20E-04
600427	4129745	2.164	3.624	3.619	2.841	4.63E-04
600437	4129745	2.399	3.676	3.670	3.159	5.13E-04
600447	4129745	2.674	3.729	3.722	3.508	5.71E-04
600457	4129745	2.996	3.786	3.777	3.892	6.40E-04
600467	4129745	3.372	3.845	3.836	4.312	7.21E-04
600477	4129745	3.789	3.901	3.890	4.751	8.10E-04
600487	4129745	4.264	3.959	3.947	5.220	9.11E-04
600497	4129745	4.795	4.018	4.005	5.706	1.02E-03
600507	4129745	5.380	4.077	4.064	6.203	1.15E-03
600517	4129745	6.013	4.135	4.121	6.701	1.29E-03
600527	4129745	6.683	4.191	4.177	7.193	1.43E-03
600537	4129745	7.380	4.244	4.230	7.664	1.58E-03
600547	4129745	8.092	4.295	4.280	8.112	1.73E-03
600557	4129745	8.807	4.343	4.328	8.531	1.88E-03
600567	4129745	9.508	4.388	4.373	8.915	2.03E-03
600577	4129745	10.181	4.429	4.414	9.260	2.18E-03
600587	4129745	10.818	4.469	4.454	9.570	2.31E-03
600597	4129745	11.399	4.503	4.488	9.835	2.44E-03
600607	4129745	11.919	4.534	4.519	10.059	2.55E-03
600617	4129745	12.371	4.559	4.544	10.241	2.64E-03
600627	4129745	12.747	4.577	4.563	10.378	2.72E-03
600637	4129745	13.059	4.590	4.576	10.486	2.79E-03
600647	4129745	13.338	4.606	4.592	10.578	2.85E-03
600657	4129745	13.563	4.618	4.604	10.642	2.90E-03
600667	4129745	13.729	4.624	4.609	10.687	2.93E-03
600677	4129745	13.846	4.627	4.611	10.706	2.96E-03

600687	4129745	13.919	4.625	4.609	10.709	2.98E-03
600697	4129745	13.961	4.621	4.604	10.699	2.98E-03
600707	4129745	13.975	4.616	4.598	10.680	2.99E-03
600717	4129745	13.962	4.609	4.590	10.652	2.98E-03
600727	4129745	13.927	4.600	4.581	10.610	2.98E-03
600737	4129745	13.874	4.591	4.572	10.566	2.97E-03
600747	4129745	13.805	4.580	4.561	10.517	2.95E-03
600757	4129745	13.718	4.568	4.549	10.461	2.93E-03
600767	4129745	13.615	4.553	4.536	10.398	2.91E-03
600777	4129745	13.497	4.537	4.521	10.328	2.88E-03
600787	4129745	13.366	4.519	4.505	10.254	2.86E-03
600797	4129745	13.222	4.500	4.488	10.172	2.83E-03
600807	4129745	13.067	4.479	4.469	10.085	2.79E-03
600817	4129745	12.901	4.455	4.449	9.992	2.76E-03
600827	4129745	12.725	4.431	4.426	9.892	2.72E-03
600837	4129745	12.539	4.404	4.403	9.785	2.68E-03
600237	4129755	0.943	2.880	2.884	0.830	2.02E-04
600247	4129755	0.961	2.927	2.931	0.850	2.05E-04
600257	4129755	0.980	2.975	2.978	0.873	2.09E-04
600267	4129755	1.000	3.021	3.024	0.900	2.14E-04
600277	4129755	1.022	3.068	3.071	0.931	2.18E-04
600287	4129755	1.046	3.114	3.117	0.967	2.23E-04
600297	4129755	1.072	3.159	3.161	1.008	2.29E-04
600307	4129755	1.102	3.206	3.208	1.058	2.36E-04
600317	4129755	1.136	3.253	3.255	1.115	2.43E-04
600327	4129755	1.175	3.299	3.301	1.183	2.51E-04
600337	4129755	1.219	3.344	3.346	1.262	2.61E-04
600347	4129755	1.271	3.391	3.392	1.356	2.72E-04
600357	4129755	1.332	3.437	3.438	1.467	2.85E-04
600367	4129755	1.405	3.485	3.485	1.599	3.00E-04
600377	4129755	1.492	3.534	3.534	1.755	3.19E-04
600387	4129755	1.594	3.584	3.582	1.935	3.41E-04
600397	4129755	1.717	3.635	3.632	2.145	3.67E-04
600407	4129755	1.863	3.685	3.682	2.384	3.98E-04
600417	4129755	2.037	3.738	3.733	2.656	4.35E-04
600427	4129755	2.246	3.794	3.788	2.965	4.80E-04
600437	4129755	2.493	3.851	3.844	3.309	5.33E-04
600447	4129755	2.788	3.913	3.904	3.694	5.96E-04
600457	4129755	3.137	3.978	3.968	4.119	6.71E-04
600467	4129755	3.538	4.042	4.030	4.574	7.56E-04
600477	4129755	3.991	4.104	4.092	5.057	8.53E-04
600487	4129755	4.514	4.170	4.157	5.576	9.65E-04
600497	4129755	5.106	4.239	4.225	6.117	1.09E-03
600507	4129755	5.757	4.306	4.292	6.666	1.23E-03
600517	4129755	6.461	4.371	4.358	7.214	1.38E-03
600527	4129755	7.214	4.436	4.422	7.755	1.54E-03
600537	4129755	8.002	4.497	4.484	8.277	1.71E-03
600547	4129755	8.807	4.556	4.544	8.767	1.88E-03
600557	4129755	9.610	4.611	4.599	9.218	2.05E-03
600567	4129755	10.393	4.662	4.650	9.629	2.22E-03
600577	4129755	11.158	4.713	4.702	10.005	2.39E-03
600587	4129755	11.863	4.758	4.746	10.329	2.54E-03
600597	4129755	12.490	4.795	4.784	10.598	2.67E-03
600607	4129755	13.051	4.828	4.817	10.825	2.79E-03
600617	4129755	13.525	4.854	4.843	11.000	2.89E-03

600627	4129755	13.918	4.872	4.862	11.136	2.97E-03
600637	4129755	14.262	4.891	4.881	11.248	3.05E-03
600647	4129755	14.538	4.905	4.895	11.330	3.11E-03
600657	4129755	14.761	4.917	4.906	11.390	3.16E-03
600667	4129755	14.919	4.922	4.910	11.417	3.19E-03
600677	4129755	15.024	4.923	4.910	11.431	3.21E-03
600687	4129755	15.086	4.921	4.907	11.423	3.22E-03
600697	4129755	15.114	4.917	4.902	11.409	3.23E-03
600707	4129755	15.108	4.910	4.894	11.379	3.23E-03
600717	4129755	15.075	4.902	4.885	11.339	3.22E-03
600727	4129755	15.018	4.891	4.875	11.293	3.21E-03
600737	4129755	14.937	4.879	4.863	11.237	3.19E-03
600747	4129755	14.839	4.866	4.850	11.177	3.17E-03
600757	4129755	14.723	4.850	4.836	11.107	3.15E-03
600767	4129755	14.589	4.833	4.820	11.031	3.12E-03
600777	4129755	14.437	4.813	4.802	10.948	3.09E-03
600787	4129755	14.270	4.791	4.782	10.856	3.05E-03
600797	4129755	14.089	4.766	4.760	10.757	3.01E-03
600807	4129755	13.895	4.740	4.736	10.651	2.97E-03
600817	4129755	13.690	4.711	4.711	10.541	2.93E-03
600827	4129755	13.475	4.681	4.683	10.417	2.88E-03
600837	4129755	13.249	4.648	4.654	10.293	2.83E-03
600847	4129755	13.016	4.614	4.622	10.160	2.78E-03
600227	4129765	0.983	2.948	2.953	0.852	2.10E-04
600237	4129765	1.001	2.999	3.003	0.870	2.14E-04
600247	4129765	1.020	3.049	3.054	0.893	2.18E-04
600257	4129765	1.040	3.100	3.105	0.914	2.22E-04
600267	4129765	1.061	3.148	3.152	0.940	2.27E-04
600277	4129765	1.084	3.198	3.201	0.971	2.32E-04
600287	4129765	1.109	3.247	3.251	1.008	2.37E-04
600297	4129765	1.136	3.297	3.300	1.049	2.43E-04
600307	4129765	1.167	3.346	3.348	1.096	2.49E-04
600317	4129765	1.201	3.394	3.397	1.155	2.57E-04
600327	4129765	1.240	3.444	3.446	1.222	2.65E-04
600337	4129765	1.285	3.491	3.493	1.301	2.75E-04
600347	4129765	1.337	3.540	3.542	1.396	2.86E-04
600357	4129765	1.399	3.590	3.591	1.511	2.99E-04
600367	4129765	1.471	3.641	3.641	1.646	3.15E-04
600377	4129765	1.558	3.692	3.691	1.806	3.33E-04
600387	4129765	1.662	3.746	3.744	1.994	3.55E-04
600397	4129765	1.788	3.802	3.799	2.214	3.82E-04
600407	4129765	1.938	3.858	3.853	2.468	4.14E-04
600417	4129765	2.118	3.916	3.909	2.761	4.53E-04
600427	4129765	2.334	3.976	3.969	3.093	4.99E-04
600437	4129765	2.596	4.042	4.032	3.471	5.55E-04
600447	4129765	2.914	4.113	4.103	3.897	6.23E-04
600457	4129765	3.286	4.185	4.172	4.363	7.02E-04
600467	4129765	3.716	4.255	4.242	4.862	7.94E-04
600477	4129765	4.216	4.328	4.314	5.402	9.01E-04
600487	4129765	4.793	4.404	4.389	5.978	1.02E-03
600497	4129765	5.449	4.481	4.467	6.577	1.16E-03
600507	4129765	6.173	4.557	4.543	7.184	1.32E-03
600517	4129765	6.958	4.631	4.617	7.785	1.49E-03
600527	4129765	7.810	4.705	4.693	8.383	1.67E-03
600537	4129765	8.703	4.777	4.766	8.960	1.86E-03

600547	4129765	9.618	4.845	4.836	9.499	2.06E-03
600557	4129765	10.527	4.909	4.901	9.989	2.25E-03
600567	4129765	11.415	4.969	4.962	10.432	2.44E-03
600577	4129765	12.266	5.026	5.020	10.830	2.62E-03
600587	4129765	13.060	5.079	5.073	11.174	2.79E-03
600597	4129765	13.747	5.121	5.115	11.450	2.94E-03
600607	4129765	14.344	5.156	5.150	11.673	3.07E-03
600617	4129765	14.832	5.179	5.174	11.837	3.17E-03
600627	4129765	15.271	5.205	5.200	11.978	3.26E-03
600637	4129765	15.625	5.224	5.219	12.086	3.34E-03
600647	4129765	15.901	5.237	5.231	12.157	3.40E-03
600657	4129765	16.117	5.248	5.240	12.202	3.44E-03
600667	4129765	16.263	5.252	5.243	12.226	3.48E-03
600677	4129765	16.355	5.252	5.242	12.226	3.50E-03
600687	4129765	16.404	5.251	5.239	12.218	3.51E-03
600697	4129765	16.414	5.246	5.233	12.191	3.51E-03
600707	4129765	16.382	5.238	5.224	12.153	3.50E-03
600717	4129765	16.319	5.227	5.213	12.102	3.49E-03
600727	4129765	16.232	5.214	5.200	12.041	3.47E-03
600737	4129765	16.118	5.199	5.186	11.974	3.45E-03
600747	4129765	15.981	5.181	5.170	11.894	3.42E-03
600757	4129765	15.824	5.161	5.151	11.812	3.38E-03
600767	4129765	15.648	5.139	5.131	11.717	3.34E-03
600777	4129765	15.454	5.114	5.109	11.614	3.30E-03
600787	4129765	15.242	5.086	5.084	11.504	3.26E-03
600797	4129765	15.015	5.055	5.056	11.381	3.21E-03
600807	4129765	14.774	5.022	5.026	11.254	3.16E-03
600817	4129765	14.521	4.986	4.994	11.116	3.10E-03
600827	4129765	14.258	4.949	4.959	10.972	3.05E-03
600837	4129765	13.986	4.909	4.922	10.820	2.99E-03
600847	4129765	13.707	4.867	4.884	10.664	2.93E-03
600857	4129765	13.421	4.823	4.843	10.501	2.87E-03
600227	4129775	1.045	3.072	3.078	0.898	2.23E-04
600237	4129775	1.064	3.127	3.132	0.916	2.27E-04
600247	4129775	1.085	3.184	3.189	0.937	2.32E-04
600257	4129775	1.107	3.237	3.242	0.962	2.37E-04
600267	4129775	1.129	3.288	3.293	0.986	2.41E-04
600277	4129775	1.153	3.339	3.343	1.017	2.46E-04
600287	4129775	1.179	3.391	3.395	1.052	2.52E-04
600297	4129775	1.208	3.444	3.447	1.093	2.58E-04
600307	4129775	1.239	3.495	3.499	1.141	2.65E-04
600317	4129775	1.274	3.546	3.550	1.196	2.72E-04
600327	4129775	1.314	3.597	3.600	1.264	2.81E-04
600337	4129775	1.359	3.649	3.651	1.345	2.91E-04
600347	4129775	1.412	3.701	3.703	1.439	3.02E-04
600357	4129775	1.474	3.754	3.755	1.555	3.15E-04
600367	4129775	1.547	3.808	3.808	1.692	3.31E-04
600377	4129775	1.635	3.863	3.862	1.859	3.49E-04
600387	4129775	1.740	3.921	3.919	2.056	3.72E-04
600397	4129775	1.866	3.980	3.975	2.285	3.99E-04
600407	4129775	2.019	4.041	4.035	2.555	4.32E-04
600417	4129775	2.205	4.105	4.097	2.868	4.71E-04
600427	4129775	2.432	4.174	4.165	3.231	5.20E-04
600437	4129775	2.712	4.251	4.239	3.648	5.80E-04
600447	4129775	3.048	4.329	4.316	4.115	6.51E-04



600457	4129775	3.442	4.407	4.393	4.622	7.36E-04
600467	4129775	3.910	4.488	4.473	5.178	8.36E-04
600477	4129775	4.459	4.572	4.556	5.781	9.53E-04
600487	4129775	5.100	4.659	4.644	6.427	1.09E-03
600497	4129775	5.826	4.747	4.733	7.089	1.25E-03
600507	4129775	6.636	4.834	4.821	7.765	1.42E-03
600517	4129775	7.526	4.920	4.908	8.437	1.61E-03
600527	4129775	8.490	5.005	4.996	9.098	1.81E-03
600537	4129775	9.505	5.088	5.081	9.732	2.03E-03
600547	4129775	10.546	5.167	5.163	10.319	2.25E-03
600557	4129775	11.585	5.242	5.240	10.854	2.48E-03
600567	4129775	12.590	5.311	5.312	11.331	2.69E-03
600577	4129775	13.541	5.375	5.377	11.748	2.89E-03
600587	4129775	14.424	5.435	5.438	12.109	3.08E-03
600597	4129775	15.190	5.485	5.487	12.394	3.25E-03
600607	4129775	15.815	5.518	5.520	12.604	3.38E-03
600617	4129775	16.354	5.547	5.549	12.777	3.50E-03
600627	4129775	16.830	5.578	5.579	12.923	3.60E-03
600637	4129775	17.189	5.596	5.597	13.015	3.67E-03
600647	4129775	17.463	5.609	5.608	13.077	3.73E-03
600657	4129775	17.661	5.617	5.614	13.112	3.77E-03
600667	4129775	17.794	5.621	5.616	13.120	3.80E-03
600677	4129775	17.872	5.622	5.615	13.119	3.82E-03
600687	4129775	17.899	5.620	5.611	13.094	3.83E-03
600697	4129775	17.879	5.614	5.603	13.059	3.82E-03
600707	4129775	17.814	5.603	5.593	13.003	3.81E-03
600717	4129775	17.714	5.590	5.579	12.939	3.79E-03
600727	4129775	17.585	5.573	5.564	12.867	3.76E-03
600737	4129775	17.425	5.554	5.546	12.778	3.72E-03
600747	4129775	17.239	5.531	5.525	12.686	3.68E-03
600757	4129775	17.029	5.504	5.501	12.575	3.64E-03
600767	4129775	16.796	5.474	5.474	12.456	3.59E-03
600777	4129775	16.547	5.442	5.445	12.331	3.54E-03
600787	4129775	16.280	5.407	5.413	12.195	3.48E-03
600797	4129775	15.996	5.368	5.377	12.043	3.42E-03
600807	4129775	15.698	5.326	5.339	11.889	3.36E-03
600817	4129775	15.388	5.282	5.298	11.722	3.29E-03
600827	4129775	15.069	5.235	5.255	11.549	3.22E-03
600837	4129775	14.742	5.186	5.209	11.368	3.15E-03
600847	4129775	14.409	5.136	5.161	11.184	3.08E-03
600857	4129775	14.071	5.083	5.111	10.988	3.01E-03
600217	4129785	1.092	3.148	3.155	0.932	2.33E-04
600227	4129785	1.113	3.207	3.214	0.948	2.38E-04
600237	4129785	1.135	3.268	3.274	0.969	2.43E-04
600247	4129785	1.157	3.326	3.332	0.988	2.47E-04
600257	4129785	1.180	3.382	3.388	1.012	2.52E-04
600267	4129785	1.205	3.439	3.444	1.039	2.58E-04
600277	4129785	1.231	3.494	3.499	1.067	2.63E-04
600287	4129785	1.259	3.547	3.552	1.104	2.69E-04
600297	4129785	1.289	3.603	3.607	1.144	2.75E-04
600307	4129785	1.322	3.656	3.660	1.192	2.82E-04
600317	4129785	1.358	3.710	3.714	1.247	2.90E-04
600327	4129785	1.399	3.766	3.769	1.313	2.99E-04
600337	4129785	1.445	3.819	3.821	1.392	3.09E-04
600347	4129785	1.498	3.873	3.875	1.489	3.20E-04

600357	4129785	1.561	3.931	3.931	1.605	3.34E-04
600367	4129785	1.635	3.989	3.988	1.746	3.50E-04
600377	4129785	1.725	4.050	4.048	1.919	3.69E-04
600387	4129785	1.830	4.111	4.107	2.122	3.91E-04
600397	4129785	1.957	4.173	4.167	2.362	4.18E-04
600407	4129785	2.113	4.240	4.232	2.646	4.52E-04
600417	4129785	2.305	4.312	4.301	2.983	4.93E-04
600427	4129785	2.546	4.393	4.381	3.382	5.44E-04
600437	4129785	2.838	4.476	4.462	3.836	6.07E-04
600447	4129785	3.189	4.561	4.545	4.342	6.82E-04
600457	4129785	3.612	4.649	4.633	4.906	7.72E-04
600467	4129785	4.119	4.742	4.725	5.525	8.81E-04
600477	4129785	4.725	4.840	4.823	6.204	1.01E-03
600487	4129785	5.429	4.938	4.923	6.920	1.16E-03
600497	4129785	6.242	5.040	5.026	7.666	1.33E-03
600507	4129785	7.155	5.140	5.129	8.424	1.53E-03
600517	4129785	8.167	5.240	5.232	9.178	1.75E-03
600527	4129785	9.264	5.339	5.334	9.908	1.98E-03
600537	4129785	10.430	5.436	5.435	10.606	2.23E-03
600547	4129785	11.624	5.528	5.531	11.252	2.48E-03
600557	4129785	12.819	5.616	5.623	11.837	2.74E-03
600567	4129785	13.963	5.696	5.707	12.345	2.98E-03
600577	4129785	15.026	5.768	5.782	12.776	3.21E-03
600587	4129785	16.010	5.837	5.851	13.153	3.42E-03
600597	4129785	16.846	5.890	5.904	13.444	3.60E-03
600607	4129785	17.531	5.928	5.941	13.657	3.75E-03
600617	4129785	18.142	5.968	5.979	13.833	3.88E-03
600627	4129785	18.629	5.998	6.007	13.964	3.98E-03
600637	4129785	19.011	6.020	6.027	14.059	4.06E-03
600647	4129785	19.273	6.031	6.035	14.104	4.12E-03
600657	4129785	19.441	6.035	6.037	14.118	4.16E-03
600667	4129785	19.552	6.038	6.037	14.122	4.18E-03
600677	4129785	19.605	6.040	6.036	14.102	4.19E-03
600687	4129785	19.596	6.036	6.030	14.069	4.19E-03
600697	4129785	19.533	6.027	6.021	14.013	4.18E-03
600707	4129785	19.423	6.013	6.007	13.948	4.15E-03
600717	4129785	19.273	5.996	5.991	13.869	4.12E-03
600727	4129785	19.087	5.974	5.971	13.770	4.08E-03
600737	4129785	18.866	5.948	5.947	13.667	4.03E-03
600747	4129785	18.616	5.917	5.919	13.540	3.98E-03
600757	4129785	18.339	5.882	5.887	13.406	3.92E-03
600767	4129785	18.035	5.843	5.852	13.255	3.85E-03
600777	4129785	17.713	5.800	5.813	13.098	3.79E-03
600787	4129785	17.376	5.755	5.771	12.925	3.71E-03
600797	4129785	17.024	5.706	5.725	12.744	3.64E-03
600807	4129785	16.658	5.654	5.677	12.554	3.56E-03
600817	4129785	16.281	5.598	5.625	12.352	3.48E-03
600827	4129785	15.897	5.541	5.571	12.149	3.40E-03
600837	4129785	15.506	5.481	5.514	11.929	3.31E-03
600847	4129785	15.113	5.420	5.455	11.712	3.23E-03
600857	4129785	14.717	5.357	5.394	11.482	3.15E-03
600867	4129785	14.322	5.293	5.332	11.254	3.06E-03
600217	4129795	1.165	3.295	3.303	0.989	2.49E-04
600227	4129795	1.188	3.358	3.365	1.006	2.54E-04
600237	4129795	1.212	3.416	3.423	1.026	2.59E-04

600247	4129795	1.237	3.478	3.485	1.047	2.64E-04
600257	4129795	1.262	3.539	3.546	1.069	2.70E-04
600267	4129795	1.290	3.600	3.606	1.097	2.76E-04
600277	4129795	1.318	3.660	3.666	1.126	2.82E-04
600287	4129795	1.349	3.720	3.725	1.161	2.88E-04
600297	4129795	1.380	3.774	3.779	1.202	2.95E-04
600307	4129795	1.415	3.831	3.836	1.248	3.02E-04
600317	4129795	1.453	3.889	3.893	1.305	3.11E-04
600327	4129795	1.496	3.946	3.950	1.370	3.20E-04
600337	4129795	1.544	4.004	4.007	1.448	3.30E-04
600347	4129795	1.598	4.061	4.062	1.543	3.42E-04
600357	4129795	1.662	4.121	4.121	1.661	3.55E-04
600367	4129795	1.737	4.184	4.183	1.805	3.71E-04
600377	4129795	1.826	4.248	4.245	1.979	3.90E-04
600387	4129795	1.931	4.312	4.306	2.188	4.13E-04
600397	4129795	2.061	4.382	4.374	2.441	4.41E-04
600407	4129795	2.221	4.456	4.446	2.745	4.75E-04
600417	4129795	2.422	4.540	4.527	3.110	5.18E-04
600427	4129795	2.673	4.628	4.614	3.542	5.71E-04
600437	4129795	2.975	4.718	4.702	4.033	6.36E-04
600447	4129795	3.346	4.813	4.796	4.589	7.15E-04
600457	4129795	3.799	4.914	4.896	5.220	8.12E-04
600467	4129795	4.349	5.020	5.002	5.910	9.29E-04
600477	4129795	5.004	5.129	5.112	6.661	1.07E-03
600487	4129795	5.785	5.243	5.229	7.468	1.24E-03
600497	4129795	6.699	5.362	5.350	8.314	1.43E-03
600507	4129795	7.736	5.480	5.472	9.171	1.65E-03
600517	4129795	8.895	5.598	5.594	10.021	1.90E-03
600527	4129795	10.159	5.714	5.715	10.836	2.17E-03
600537	4129795	11.509	5.829	5.835	11.614	2.46E-03
600547	4129795	12.893	5.938	5.951	12.323	2.76E-03
600557	4129795	14.274	6.042	6.061	12.957	3.05E-03
600567	4129795	15.582	6.135	6.159	13.499	3.33E-03
600577	4129795	16.779	6.216	6.245	13.948	3.59E-03
600587	4129795	17.873	6.293	6.322	14.329	3.82E-03
600597	4129795	18.794	6.352	6.381	14.617	4.02E-03
600607	4129795	19.581	6.403	6.429	14.849	4.19E-03
600617	4129795	20.233	6.446	6.469	15.030	4.32E-03
600627	4129795	20.734	6.476	6.494	15.144	4.43E-03
600637	4129795	21.119	6.499	6.513	15.216	4.51E-03
600647	4129795	21.370	6.511	6.521	15.256	4.57E-03
600657	4129795	21.512	6.515	6.521	15.259	4.60E-03
600667	4129795	21.585	6.516	6.520	15.238	4.61E-03
600677	4129795	21.591	6.515	6.516	15.208	4.61E-03
600687	4129795	21.529	6.508	6.508	15.156	4.60E-03
600697	4129795	21.405	6.494	6.495	15.084	4.58E-03
600707	4129795	21.230	6.476	6.477	14.996	4.54E-03
600717	4129795	21.010	6.451	6.454	14.888	4.49E-03
600727	4129795	20.747	6.421	6.427	14.770	4.43E-03
600737	4129795	20.446	6.385	6.394	14.625	4.37E-03
600747	4129795	20.112	6.344	6.356	14.473	4.30E-03
600757	4129795	19.750	6.298	6.314	14.300	4.22E-03
600767	4129795	19.361	6.246	6.266	14.111	4.14E-03
600777	4129795	18.951	6.191	6.215	13.913	4.05E-03
600787	4129795	18.525	6.132	6.160	13.698	3.96E-03

600797	4129795	18.088	6.069	6.101	13.475	3.87E-03
600807	4129795	17.643	6.004	6.039	13.245	3.77E-03
600817	4129795	17.191	5.936	5.974	13.008	3.67E-03
600827	4129795	16.732	5.866	5.906	12.759	3.58E-03
600837	4129795	16.268	5.794	5.836	12.498	3.48E-03
600847	4129795	15.807	5.720	5.764	12.243	3.38E-03
600857	4129795	15.348	5.645	5.691	11.976	3.28E-03
600867	4129795	14.892	5.569	5.616	11.709	3.18E-03
600877	4129795	14.443	5.493	5.541	11.443	3.09E-03
600207	4129805	1.218	3.375	3.384	1.030	2.60E-04
600217	4129805	1.244	3.445	3.453	1.050	2.66E-04
600227	4129805	1.271	3.516	3.525	1.070	2.72E-04
600237	4129805	1.297	3.581	3.589	1.089	2.77E-04
600247	4129805	1.325	3.646	3.654	1.112	2.83E-04
600257	4129805	1.354	3.711	3.719	1.136	2.89E-04
600267	4129805	1.384	3.774	3.781	1.162	2.96E-04
600277	4129805	1.415	3.839	3.846	1.193	3.03E-04
600287	4129805	1.449	3.903	3.910	1.226	3.10E-04
600297	4129805	1.484	3.963	3.969	1.267	3.17E-04
600307	4129805	1.522	4.023	4.028	1.315	3.25E-04
600317	4129805	1.562	4.081	4.086	1.367	3.34E-04
600327	4129805	1.607	4.141	4.145	1.432	3.43E-04
600337	4129805	1.657	4.202	4.205	1.511	3.54E-04
600347	4129805	1.714	4.264	4.266	1.606	3.66E-04
600357	4129805	1.779	4.328	4.327	1.723	3.80E-04
600367	4129805	1.855	4.394	4.391	1.867	3.96E-04
600377	4129805	1.943	4.460	4.455	2.040	4.15E-04
600387	4129805	2.050	4.531	4.523	2.257	4.38E-04
600397	4129805	2.182	4.608	4.598	2.522	4.66E-04
600407	4129805	2.348	4.693	4.680	2.845	5.02E-04
600417	4129805	2.558	4.786	4.771	3.240	5.47E-04
600427	4129805	2.811	4.880	4.863	3.701	6.01E-04
600437	4129805	3.128	4.982	4.963	4.243	6.69E-04
600447	4129805	3.521	5.090	5.070	4.860	7.53E-04
600457	4129805	4.006	5.204	5.184	5.561	8.56E-04
600467	4129805	4.597	5.323	5.305	6.331	9.83E-04
600477	4129805	5.311	5.447	5.431	7.172	1.14E-03
600487	4129805	6.176	5.579	5.566	8.085	1.32E-03
600497	4129805	7.203	5.717	5.709	9.044	1.54E-03
600507	4129805	8.389	5.857	5.854	10.023	1.79E-03
600517	4129805	9.726	5.997	6.001	10.982	2.08E-03
600527	4129805	11.200	6.137	6.147	11.909	2.39E-03
600537	4129805	12.782	6.275	6.293	12.777	2.73E-03
600547	4129805	14.400	6.407	6.432	13.553	3.08E-03
600557	4129805	15.993	6.529	6.561	14.231	3.42E-03
600567	4129805	17.507	6.640	6.679	14.809	3.74E-03
600577	4129805	18.876	6.735	6.780	15.287	4.03E-03
600587	4129805	20.097	6.820	6.867	15.673	4.30E-03
600597	4129805	21.141	6.892	6.937	15.974	4.52E-03
600607	4129805	22.008	6.950	6.991	16.199	4.70E-03
600617	4129805	22.693	6.994	7.029	16.357	4.85E-03
600627	4129805	23.228	7.030	7.058	16.468	4.96E-03
600637	4129805	23.584	7.050	7.072	16.531	5.04E-03
600647	4129805	23.814	7.063	7.079	16.548	5.09E-03
600657	4129805	23.927	7.069	7.081	16.535	5.11E-03

600667	4129805	23.942	7.068	7.078	16.506	5.12E-03
600677	4129805	23.872	7.061	7.069	16.449	5.10E-03
600687	4129805	23.731	7.048	7.056	16.370	5.07E-03
600697	4129805	23.523	7.027	7.036	16.273	5.03E-03
600707	4129805	23.256	6.999	7.010	16.151	4.97E-03
600717	4129805	22.937	6.964	6.978	16.015	4.90E-03
600727	4129805	22.572	6.921	6.938	15.851	4.82E-03
600737	4129805	22.165	6.871	6.892	15.673	4.74E-03
600747	4129805	21.724	6.815	6.840	15.476	4.64E-03
600757	4129805	21.256	6.753	6.782	15.257	4.54E-03
600767	4129805	20.764	6.686	6.719	15.022	4.44E-03
600777	4129805	20.251	6.615	6.652	14.778	4.33E-03
600787	4129805	19.721	6.539	6.580	14.511	4.22E-03
600797	4129805	19.176	6.460	6.504	14.234	4.10E-03
600807	4129805	18.639	6.379	6.426	13.957	3.98E-03
600817	4129805	18.102	6.296	6.345	13.672	3.87E-03
600827	4129805	17.561	6.210	6.261	13.379	3.75E-03
600837	4129805	17.015	6.123	6.176	13.074	3.64E-03
600847	4129805	16.478	6.035	6.089	12.768	3.52E-03
600857	4129805	15.949	5.946	6.001	12.464	3.41E-03
600867	4129805	15.430	5.858	5.913	12.151	3.30E-03
600877	4129805	14.922	5.769	5.824	11.849	3.19E-03
600207	4129815	1.302	3.536	3.546	1.098	2.78E-04
600217	4129815	1.331	3.610	3.620	1.118	2.84E-04
600227	4129815	1.361	3.685	3.695	1.139	2.91E-04
600237	4129815	1.392	3.762	3.772	1.161	2.98E-04
600247	4129815	1.424	3.831	3.840	1.184	3.04E-04
600257	4129815	1.456	3.899	3.907	1.210	3.11E-04
600267	4129815	1.489	3.967	3.975	1.237	3.18E-04
600277	4129815	1.525	4.037	4.045	1.269	3.26E-04
600287	4129815	1.562	4.103	4.111	1.302	3.34E-04
600297	4129815	1.601	4.166	4.173	1.341	3.42E-04
600307	4129815	1.642	4.228	4.234	1.388	3.51E-04
600317	4129815	1.686	4.290	4.295	1.442	3.60E-04
600327	4129815	1.734	4.354	4.358	1.506	3.71E-04
600337	4129815	1.787	4.417	4.420	1.584	3.82E-04
600347	4129815	1.847	4.484	4.484	1.679	3.95E-04
600357	4129815	1.915	4.552	4.550	1.795	4.09E-04
600367	4129815	1.992	4.621	4.616	1.936	4.26E-04
600377	4129815	2.082	4.693	4.685	2.112	4.45E-04
600387	4129815	2.190	4.770	4.759	2.332	4.68E-04
600397	4129815	2.328	4.857	4.844	2.613	4.98E-04
600407	4129815	2.500	4.952	4.936	2.959	5.34E-04
600417	4129815	2.711	5.052	5.033	3.373	5.79E-04
600427	4129815	2.972	5.156	5.135	3.870	6.35E-04
600437	4129815	3.303	5.269	5.248	4.460	7.06E-04
600447	4129815	3.718	5.391	5.370	5.148	7.95E-04
600457	4129815	4.234	5.519	5.499	5.928	9.05E-04
600467	4129815	4.868	5.653	5.636	6.791	1.04E-03
600477	4129815	5.654	5.797	5.784	7.749	1.21E-03
600487	4129815	6.611	5.949	5.941	8.783	1.41E-03
600497	4129815	7.768	6.111	6.109	9.880	1.66E-03
600507	4129815	9.131	6.278	6.284	11.002	1.95E-03
600517	4129815	10.688	6.447	6.463	12.100	2.28E-03
600527	4129815	12.419	6.616	6.641	13.148	2.65E-03

600537	4129815	14.277	6.783	6.817	14.109	3.05E-03
600547	4129815	16.186	6.942	6.985	14.963	3.46E-03
600557	4129815	18.061	7.092	7.142	15.702	3.86E-03
600567	4129815	19.835	7.230	7.286	16.319	4.24E-03
600577	4129815	21.418	7.346	7.407	16.817	4.58E-03
600587	4129815	22.804	7.444	7.506	17.208	4.87E-03
600597	4129815	23.982	7.527	7.586	17.512	5.13E-03
600607	4129815	24.930	7.591	7.644	17.736	5.33E-03
600617	4129815	25.665	7.641	7.686	17.890	5.49E-03
600627	4129815	26.200	7.677	7.713	17.980	5.60E-03
600637	4129815	26.517	7.696	7.727	18.009	5.67E-03
600647	4129815	26.695	7.709	7.734	18.010	5.71E-03
600657	4129815	26.747	7.715	7.735	17.988	5.72E-03
600667	4129815	26.675	7.710	7.728	17.929	5.70E-03
600677	4129815	26.498	7.694	7.712	17.839	5.66E-03
600687	4129815	26.240	7.669	7.689	17.731	5.61E-03
600697	4129815	25.910	7.636	7.658	17.592	5.54E-03
600707	4129815	25.514	7.592	7.618	17.434	5.45E-03
600717	4129815	25.060	7.539	7.569	17.245	5.36E-03
600727	4129815	24.561	7.478	7.512	17.034	5.25E-03
600737	4129815	24.017	7.409	7.446	16.800	5.13E-03
600747	4129815	23.443	7.333	7.374	16.550	5.01E-03
600757	4129815	22.843	7.251	7.296	16.273	4.88E-03
600767	4129815	22.225	7.162	7.210	15.984	4.75E-03
600777	4129815	21.590	7.070	7.120	15.678	4.61E-03
600787	4129815	20.944	6.976	7.030	15.361	4.48E-03
600797	4129815	20.283	6.879	6.936	15.024	4.34E-03
600807	4129815	19.631	6.778	6.838	14.682	4.20E-03
600817	4129815	18.992	6.676	6.737	14.342	4.06E-03
600827	4129815	18.359	6.572	6.634	13.992	3.92E-03
600837	4129815	17.732	6.468	6.531	13.644	3.79E-03
600847	4129815	17.114	6.364	6.428	13.281	3.66E-03
600857	4129815	16.509	6.261	6.324	12.932	3.53E-03
600867	4129815	15.923	6.157	6.220	12.578	3.40E-03
600877	4129815	15.354	6.055	6.116	12.231	3.28E-03
600887	4129815	14.801	5.954	6.014	11.887	3.16E-03
600197	4129825	1.362	3.629	3.641	1.151	2.91E-04
600207	4129825	1.394	3.712	3.724	1.172	2.98E-04
600217	4129825	1.427	3.793	3.804	1.194	3.05E-04
600227	4129825	1.461	3.872	3.883	1.216	3.12E-04
600237	4129825	1.496	3.951	3.962	1.241	3.20E-04
600247	4129825	1.533	4.031	4.042	1.266	3.28E-04
600257	4129825	1.570	4.110	4.120	1.292	3.36E-04
600267	4129825	1.609	4.182	4.191	1.322	3.44E-04
600277	4129825	1.649	4.255	4.264	1.355	3.53E-04
600287	4129825	1.690	4.321	4.330	1.389	3.61E-04
600297	4129825	1.734	4.388	4.396	1.427	3.71E-04
600307	4129825	1.779	4.453	4.460	1.473	3.80E-04
600317	4129825	1.828	4.519	4.524	1.527	3.91E-04
600327	4129825	1.881	4.586	4.590	1.590	4.02E-04
600337	4129825	1.939	4.654	4.655	1.667	4.14E-04
600347	4129825	2.002	4.723	4.722	1.760	4.28E-04
600357	4129825	2.073	4.794	4.790	1.876	4.43E-04
600367	4129825	2.152	4.868	4.861	2.016	4.60E-04
600377	4129825	2.245	4.947	4.936	2.193	4.80E-04

600387	4129825	2.359	5.034	5.019	2.419	5.04E-04
600397	4129825	2.503	5.131	5.114	2.711	5.35E-04
600407	4129825	2.677	5.233	5.212	3.070	5.72E-04
600417	4129825	2.891	5.340	5.318	3.510	6.18E-04
600427	4129825	3.162	5.457	5.434	4.047	6.76E-04
600437	4129825	3.506	5.582	5.560	4.692	7.49E-04
600447	4129825	3.941	5.718	5.696	5.451	8.42E-04
600457	4129825	4.487	5.862	5.843	6.321	9.59E-04
600467	4129825	5.172	6.015	6.001	7.302	1.11E-03
600477	4129825	6.038	6.183	6.174	8.401	1.29E-03
600487	4129825	7.101	6.359	6.358	9.583	1.52E-03
600497	4129825	8.407	6.549	6.557	10.842	1.80E-03
600507	4129825	9.979	6.750	6.770	12.135	2.13E-03
600517	4129825	11.803	6.956	6.988	13.397	2.52E-03
600527	4129825	13.846	7.162	7.207	14.579	2.96E-03
600537	4129825	16.053	7.365	7.423	15.651	3.43E-03
600547	4129825	18.338	7.564	7.632	16.597	3.92E-03
600557	4129825	20.594	7.755	7.830	17.405	4.40E-03
600567	4129825	22.675	7.925	8.003	18.060	4.85E-03
600577	4129825	24.520	8.068	8.147	18.578	5.24E-03
600587	4129825	26.109	8.186	8.261	18.981	5.58E-03
600597	4129825	27.439	8.282	8.350	19.287	5.86E-03
600607	4129825	28.499	8.358	8.416	19.499	6.09E-03
600617	4129825	29.263	8.410	8.458	19.624	6.25E-03
600627	4129825	29.752	8.443	8.484	19.690	6.36E-03
600637	4129825	30.019	8.465	8.502	19.707	6.42E-03
600647	4129825	30.105	8.476	8.511	19.687	6.43E-03
600657	4129825	30.037	8.475	8.508	19.626	6.42E-03
600667	4129825	29.831	8.460	8.493	19.534	6.38E-03
600677	4129825	29.505	8.430	8.465	19.413	6.31E-03
600687	4129825	29.087	8.387	8.425	19.251	6.22E-03
600697	4129825	28.583	8.331	8.372	19.063	6.11E-03
600707	4129825	28.009	8.264	8.309	18.844	5.99E-03
600717	4129825	27.380	8.186	8.235	18.596	5.85E-03
600727	4129825	26.705	8.099	8.152	18.314	5.71E-03
600737	4129825	25.989	8.003	8.060	18.012	5.56E-03
600747	4129825	25.249	7.901	7.961	17.689	5.40E-03
600757	4129825	24.492	7.792	7.855	17.348	5.24E-03
600767	4129825	23.718	7.677	7.742	16.983	5.07E-03
600777	4129825	22.937	7.560	7.626	16.608	4.90E-03
600787	4129825	22.156	7.438	7.506	16.219	4.74E-03
600797	4129825	21.380	7.319	7.389	15.822	4.57E-03
600807	4129825	20.600	7.200	7.273	15.411	4.40E-03
600817	4129825	19.846	7.077	7.150	15.005	4.24E-03
600827	4129825	19.109	6.954	7.026	14.593	4.08E-03
600837	4129825	18.393	6.830	6.903	14.187	3.93E-03
600847	4129825	17.694	6.708	6.780	13.780	3.78E-03
600857	4129825	17.014	6.587	6.658	13.372	3.64E-03
600867	4129825	16.358	6.468	6.537	12.979	3.50E-03
600877	4129825	15.726	6.351	6.418	12.586	3.36E-03
600887	4129825	15.119	6.236	6.300	12.200	3.23E-03
600197	4129835	1.460	3.818	3.832	1.230	3.12E-04
600207	4129835	1.496	3.907	3.920	1.255	3.20E-04
600217	4129835	1.533	3.994	4.008	1.277	3.28E-04
600227	4129835	1.572	4.080	4.094	1.303	3.36E-04

600237	4129835	1.612	4.165	4.178	1.329	3.45E-04
600247	4129835	1.653	4.248	4.261	1.357	3.53E-04
600257	4129835	1.697	4.333	4.345	1.385	3.63E-04
600267	4129835	1.742	4.416	4.428	1.418	3.72E-04
600277	4129835	1.788	4.493	4.504	1.451	3.82E-04
600287	4129835	1.835	4.562	4.572	1.488	3.92E-04
600297	4129835	1.885	4.633	4.642	1.527	4.03E-04
600307	4129835	1.936	4.701	4.708	1.572	4.14E-04
600317	4129835	1.992	4.770	4.776	1.626	4.26E-04
600327	4129835	2.051	4.841	4.843	1.690	4.38E-04
600337	4129835	2.115	4.912	4.912	1.763	4.52E-04
600347	4129835	2.184	4.986	4.982	1.855	4.67E-04
600357	4129835	2.257	5.060	5.052	1.966	4.83E-04
600367	4129835	2.342	5.141	5.129	2.108	5.01E-04
600377	4129835	2.443	5.229	5.213	2.286	5.22E-04
600387	4129835	2.565	5.326	5.307	2.520	5.48E-04
600397	4129835	2.711	5.430	5.408	2.817	5.80E-04
600407	4129835	2.887	5.539	5.515	3.188	6.17E-04
600417	4129835	3.107	5.657	5.632	3.651	6.64E-04
600427	4129835	3.388	5.786	5.761	4.231	7.24E-04
600437	4129835	3.745	5.925	5.901	4.938	8.00E-04
600447	4129835	4.201	6.075	6.055	5.774	8.98E-04
600457	4129835	4.782	6.237	6.221	6.753	1.02E-03
600467	4129835	5.523	6.412	6.403	7.873	1.18E-03
600477	4129835	6.475	6.607	6.606	9.139	1.38E-03
600487	4129835	7.659	6.813	6.822	10.502	1.64E-03
600497	4129835	9.136	7.036	7.059	11.960	1.95E-03
600507	4129835	10.952	7.279	7.318	13.458	2.34E-03
600517	4129835	13.087	7.530	7.585	14.902	2.80E-03
600527	4129835	15.501	7.780	7.853	16.229	3.31E-03
600537	4129835	18.218	8.048	8.138	17.469	3.89E-03
600547	4129835	20.990	8.300	8.402	18.507	4.49E-03
600557	4129835	23.737	8.549	8.657	19.390	5.07E-03
600567	4129835	26.200	8.760	8.867	20.072	5.60E-03
600577	4129835	28.371	8.938	9.039	20.604	6.06E-03
600587	4129835	30.223	9.083	9.172	21.014	6.46E-03
600597	4129835	31.717	9.195	9.269	21.313	6.78E-03
600607	4129835	32.841	9.278	9.337	21.505	7.02E-03
600617	4129835	33.599	9.336	9.384	21.613	7.18E-03
600627	4129835	34.040	9.374	9.417	21.657	7.28E-03
600637	4129835	34.203	9.394	9.438	21.647	7.31E-03
600647	4129835	34.139	9.397	9.443	21.589	7.30E-03
600657	4129835	33.884	9.380	9.432	21.494	7.24E-03
600667	4129835	33.471	9.344	9.400	21.359	7.15E-03
600677	4129835	32.929	9.288	9.347	21.170	7.04E-03
600687	4129835	32.288	9.215	9.276	20.948	6.90E-03
600697	4129835	31.550	9.125	9.191	20.686	6.74E-03
600707	4129835	30.738	9.021	9.092	20.389	6.57E-03
600717	4129835	29.876	8.907	8.981	20.049	6.39E-03
600727	4129835	28.980	8.785	8.862	19.686	6.19E-03
600737	4129835	28.056	8.656	8.735	19.295	6.00E-03
600747	4129835	27.115	8.520	8.601	18.886	5.80E-03
600757	4129835	26.167	8.378	8.459	18.460	5.59E-03
600767	4129835	25.213	8.233	8.315	18.012	5.39E-03
600777	4129835	24.265	8.086	8.169	17.549	5.19E-03



600787	4129835	23.332	7.937	8.021	17.080	4.99E-03
600797	4129835	22.416	7.788	7.872	16.607	4.79E-03
600807	4129835	21.521	7.641	7.725	16.128	4.60E-03
600817	4129835	20.639	7.498	7.582	15.646	4.41E-03
600827	4129835	19.793	7.352	7.435	15.170	4.23E-03
600837	4129835	18.984	7.207	7.288	14.702	4.06E-03
600847	4129835	18.198	7.065	7.145	14.241	3.89E-03
600857	4129835	17.447	6.926	7.003	13.785	3.73E-03
600867	4129835	16.724	6.789	6.864	13.337	3.57E-03
600877	4129835	16.029	6.656	6.728	12.904	3.43E-03
600887	4129835	15.367	6.526	6.594	12.477	3.28E-03
600187	4129845	1.526	3.924	3.940	1.293	3.26E-04
600197	4129845	1.566	4.023	4.039	1.317	3.35E-04
600207	4129845	1.608	4.122	4.139	1.346	3.44E-04
600217	4129845	1.650	4.218	4.234	1.370	3.53E-04
600227	4129845	1.695	4.312	4.328	1.401	3.62E-04
600237	4129845	1.741	4.404	4.419	1.428	3.72E-04
600247	4129845	1.788	4.493	4.508	1.460	3.82E-04
600257	4129845	1.838	4.580	4.594	1.489	3.93E-04
600267	4129845	1.890	4.670	4.683	1.525	4.04E-04
600277	4129845	1.944	4.752	4.764	1.560	4.16E-04
600287	4129845	1.998	4.826	4.837	1.599	4.27E-04
600297	4129845	2.056	4.902	4.911	1.641	4.40E-04
600307	4129845	2.117	4.976	4.984	1.688	4.53E-04
600317	4129845	2.180	5.049	5.053	1.742	4.66E-04
600327	4129845	2.247	5.121	5.122	1.804	4.80E-04
600337	4129845	2.320	5.198	5.194	1.881	4.96E-04
600347	4129845	2.394	5.273	5.266	1.967	5.12E-04
600357	4129845	2.476	5.354	5.342	2.076	5.29E-04
600367	4129845	2.571	5.444	5.427	2.216	5.50E-04
600377	4129845	2.682	5.542	5.521	2.398	5.73E-04
600387	4129845	2.812	5.647	5.622	2.631	6.01E-04
600397	4129845	2.961	5.758	5.730	2.927	6.33E-04
600407	4129845	3.144	5.877	5.849	3.311	6.72E-04
600417	4129845	3.372	6.006	5.978	3.804	7.21E-04
600427	4129845	3.663	6.147	6.121	4.423	7.83E-04
600437	4129845	4.035	6.300	6.278	5.194	8.62E-04
600447	4129845	4.512	6.465	6.448	6.126	9.64E-04
600457	4129845	5.134	6.648	6.638	7.229	1.10E-03
600467	4129845	5.939	6.849	6.848	8.518	1.27E-03
600477	4129845	6.981	7.071	7.082	9.977	1.49E-03
600487	4129845	8.305	7.313	7.338	11.572	1.78E-03
600497	4129845	9.984	7.581	7.623	13.277	2.13E-03
600507	4129845	12.081	7.875	7.938	15.016	2.58E-03
600517	4129845	14.605	8.187	8.273	16.687	3.12E-03
600527	4129845	17.516	8.505	8.616	18.202	3.74E-03
600537	4129845	20.880	8.859	8.993	19.617	4.46E-03
600547	4129845	24.320	9.193	9.344	20.764	5.20E-03
600557	4129845	27.700	9.520	9.676	21.716	5.92E-03
600567	4129845	30.705	9.798	9.946	22.445	6.56E-03
600577	4129845	33.311	10.024	10.156	23.001	7.12E-03
600587	4129845	35.440	10.194	10.302	23.402	7.58E-03
600597	4129845	37.075	10.322	10.404	23.671	7.92E-03
600607	4129845	38.233	10.421	10.480	23.838	8.17E-03
600617	4129845	38.937	10.492	10.538	23.917	8.32E-03

600627	4129845	39.245	10.533	10.577	23.928	8.39E-03
600637	4129845	39.215	10.539	10.591	23.877	8.38E-03
600647	4129845	38.903	10.514	10.577	23.777	8.32E-03
600657	4129845	38.365	10.464	10.539	23.622	8.20E-03
600667	4129845	37.652	10.387	10.472	23.406	8.05E-03
600677	4129845	36.796	10.285	10.379	23.140	7.87E-03
600687	4129845	35.841	10.163	10.259	22.826	7.66E-03
600697	4129845	34.792	10.025	10.123	22.468	7.44E-03
600707	4129845	33.679	9.872	9.973	22.058	7.20E-03
600717	4129845	32.525	9.710	9.813	21.617	6.95E-03
600727	4129845	31.354	9.542	9.645	21.145	6.70E-03
600737	4129845	30.183	9.369	9.471	20.651	6.45E-03
600747	4129845	29.002	9.190	9.292	20.129	6.20E-03
600757	4129845	27.824	9.010	9.112	19.594	5.95E-03
600767	4129845	26.669	8.828	8.929	19.041	5.70E-03
600777	4129845	25.538	8.646	8.745	18.490	5.46E-03
600787	4129845	24.436	8.466	8.564	17.925	5.22E-03
600797	4129845	23.372	8.285	8.382	17.367	5.00E-03
600807	4129845	22.347	8.106	8.201	16.810	4.78E-03
600817	4129845	21.355	7.933	8.026	16.258	4.56E-03
600827	4129845	20.395	7.766	7.858	15.712	4.36E-03
600837	4129845	19.485	7.599	7.688	15.177	4.16E-03
600847	4129845	18.612	7.436	7.522	14.652	3.98E-03
600857	4129845	17.786	7.276	7.359	14.148	3.80E-03
600867	4129845	17.003	7.121	7.199	13.654	3.63E-03
600877	4129845	16.254	6.970	7.045	13.177	3.47E-03
600887	4129845	15.539	6.824	6.895	12.709	3.32E-03
600897	4129845	14.863	6.683	6.750	12.263	3.18E-03
600187	4129855	1.636	4.139	4.158	1.385	3.50E-04
600197	4129855	1.682	4.247	4.266	1.414	3.59E-04
600207	4129855	1.730	4.360	4.379	1.446	3.70E-04
600217	4129855	1.780	4.468	4.487	1.476	3.80E-04
600227	4129855	1.831	4.571	4.591	1.508	3.91E-04
600237	4129855	1.884	4.671	4.690	1.541	4.03E-04
600247	4129855	1.939	4.768	4.786	1.574	4.15E-04
600257	4129855	1.997	4.864	4.881	1.610	4.27E-04
600267	4129855	2.058	4.958	4.974	1.647	4.40E-04
600277	4129855	2.120	5.044	5.058	1.685	4.53E-04
600287	4129855	2.183	5.120	5.133	1.727	4.67E-04
600297	4129855	2.252	5.201	5.211	1.773	4.81E-04
600307	4129855	2.323	5.281	5.287	1.822	4.97E-04
600317	4129855	2.398	5.358	5.360	1.878	5.13E-04
600327	4129855	2.476	5.434	5.432	1.941	5.29E-04
600337	4129855	2.557	5.513	5.506	2.014	5.47E-04
600347	4129855	2.643	5.595	5.583	2.102	5.65E-04
600357	4129855	2.737	5.684	5.667	2.209	5.85E-04
600367	4129855	2.846	5.783	5.760	2.349	6.08E-04
600377	4129855	2.969	5.889	5.861	2.528	6.35E-04
600387	4129855	3.108	6.001	5.971	2.759	6.64E-04
600397	4129855	3.268	6.121	6.089	3.057	6.99E-04
600407	4129855	3.461	6.251	6.219	3.449	7.40E-04
600417	4129855	3.699	6.391	6.362	3.964	7.91E-04
600427	4129855	4.004	6.545	6.519	4.627	8.56E-04
600437	4129855	4.395	6.712	6.692	5.467	9.39E-04
600447	4129855	4.895	6.893	6.881	6.499	1.05E-03

600457	4129855	5.560	7.096	7.094	7.755	1.19E-03
600467	4129855	6.437	7.324	7.334	9.240	1.38E-03
600477	4129855	7.583	7.579	7.605	10.938	1.62E-03
600487	4129855	9.067	7.864	7.909	12.819	1.94E-03
600497	4129855	10.980	8.185	8.253	14.832	2.35E-03
600507	4129855	13.412	8.548	8.643	16.877	2.87E-03
600517	4129855	16.413	8.944	9.070	18.823	3.51E-03
600527	4129855	20.015	9.373	9.534	20.597	4.28E-03
600537	4129855	24.187	9.840	10.034	22.162	5.17E-03
600547	4129855	28.610	10.312	10.531	23.450	6.12E-03
600557	4129855	32.831	10.753	10.978	24.458	7.02E-03
600567	4129855	36.676	11.147	11.358	25.255	7.84E-03
600577	4129855	39.837	11.432	11.615	25.830	8.52E-03
600587	4129855	42.231	11.624	11.767	26.200	9.03E-03
600597	4129855	43.923	11.769	11.872	26.424	9.39E-03
600607	4129855	45.036	11.893	11.964	26.557	9.63E-03
600617	4129855	45.568	11.974	12.029	26.604	9.74E-03
600627	4129855	45.591	12.000	12.054	26.568	9.74E-03
600637	4129855	45.208	11.968	12.036	26.462	9.66E-03
600647	4129855	44.495	11.881	11.970	26.284	9.51E-03
600657	4129855	43.530	11.762	11.869	26.034	9.30E-03
600667	4129855	42.384	11.612	11.734	25.720	9.06E-03
600677	4129855	41.104	11.438	11.569	25.341	8.79E-03
600687	4129855	39.721	11.245	11.383	24.900	8.49E-03
600697	4129855	38.273	11.037	11.175	24.397	8.18E-03
600707	4129855	36.783	10.820	10.956	23.853	7.86E-03
600717	4129855	35.276	10.596	10.730	23.273	7.54E-03
600727	4129855	33.780	10.370	10.501	22.671	7.22E-03
600737	4129855	32.305	10.141	10.268	22.045	6.91E-03
600747	4129855	30.843	9.913	10.037	21.391	6.59E-03
600757	4129855	29.418	9.686	9.808	20.734	6.29E-03
600767	4129855	28.037	9.462	9.581	20.062	5.99E-03
600777	4129855	26.709	9.240	9.356	19.400	5.71E-03
600787	4129855	25.433	9.022	9.134	18.739	5.44E-03
600797	4129855	24.215	8.807	8.916	18.084	5.18E-03
600807	4129855	23.052	8.596	8.702	17.445	4.93E-03
600817	4129855	21.948	8.389	8.491	16.818	4.69E-03
600827	4129855	20.895	8.191	8.289	16.202	4.47E-03
600837	4129855	19.882	8.004	8.098	15.601	4.25E-03
600847	4129855	18.923	7.819	7.910	15.013	4.04E-03
600857	4129855	18.029	7.637	7.724	14.455	3.85E-03
600867	4129855	17.183	7.462	7.544	13.914	3.67E-03
600877	4129855	16.389	7.293	7.369	13.394	3.50E-03
600887	4129855	15.625	7.131	7.203	12.889	3.34E-03
600897	4129855	14.912	6.974	7.042	12.405	3.19E-03
600177	4129865	1.707	4.257	4.277	1.455	3.65E-04
600187	4129865	1.757	4.379	4.400	1.488	3.76E-04
600197	4129865	1.810	4.500	4.523	1.522	3.87E-04
600207	4129865	1.865	4.624	4.648	1.557	3.99E-04
600217	4129865	1.922	4.743	4.767	1.592	4.11E-04
600227	4129865	1.982	4.861	4.885	1.629	4.24E-04
600237	4129865	2.043	4.971	4.994	1.667	4.37E-04
600247	4129865	2.108	5.077	5.099	1.704	4.51E-04
600257	4129865	2.176	5.184	5.205	1.745	4.65E-04
600267	4129865	2.247	5.282	5.301	1.786	4.80E-04

600277	4129865	2.319	5.371	5.388	1.828	4.96E-04
600287	4129865	2.395	5.455	5.469	1.876	5.12E-04
600297	4129865	2.475	5.539	5.549	1.925	5.29E-04
600307	4129865	2.560	5.622	5.627	1.977	5.47E-04
600317	4129865	2.649	5.703	5.703	2.036	5.66E-04
600327	4129865	2.740	5.784	5.778	2.100	5.86E-04
600337	4129865	2.835	5.868	5.856	2.173	6.06E-04
600347	4129865	2.938	5.958	5.940	2.260	6.28E-04
600357	4129865	3.051	6.057	6.032	2.370	6.52E-04
600367	4129865	3.177	6.163	6.133	2.508	6.79E-04
600377	4129865	3.315	6.276	6.242	2.684	7.09E-04
600387	4129865	3.471	6.397	6.361	2.911	7.42E-04
600397	4129865	3.647	6.526	6.491	3.207	7.80E-04
600407	4129865	3.859	6.667	6.633	3.607	8.25E-04
600417	4129865	4.113	6.817	6.789	4.139	8.79E-04
600427	4129865	4.434	6.982	6.959	4.840	9.48E-04
600437	4129865	4.849	7.163	7.149	5.752	1.04E-03
600447	4129865	5.383	7.361	7.357	6.899	1.15E-03
600457	4129865	6.094	7.583	7.592	8.325	1.30E-03
600467	4129865	7.046	7.838	7.862	10.039	1.51E-03
600477	4129865	8.313	8.130	8.174	12.035	1.78E-03
600487	4129865	9.979	8.463	8.532	14.269	2.13E-03
600497	4129865	12.162	8.850	8.948	16.670	2.60E-03
600507	4129865	14.993	9.300	9.434	19.103	3.20E-03
600517	4129865	18.565	9.810	9.987	21.384	3.97E-03
600527	4129865	23.069	10.406	10.631	23.464	4.93E-03
600537	4129865	28.409	11.064	11.340	25.227	6.07E-03
600547	4129865	34.251	11.763	12.081	26.668	7.32E-03
600557	4129865	39.866	12.433	12.765	27.793	8.52E-03
600567	4129865	44.834	12.992	13.315	28.651	9.58E-03
600577	4129865	48.567	13.332	13.615	29.178	1.04E-02
600587	4129865	51.281	13.576	13.803	29.513	1.10E-02
600597	4129865	52.931	13.753	13.920	29.696	1.13E-02
600607	4129865	53.731	13.870	13.993	29.771	1.15E-02
600617	4129865	53.842	13.917	14.017	29.760	1.15E-02
600627	4129865	53.314	13.872	13.967	29.652	1.14E-02
600637	4129865	52.316	13.746	13.851	29.452	1.12E-02
600647	4129865	50.980	13.553	13.679	29.158	1.09E-02
600657	4129865	49.401	13.309	13.459	28.775	1.06E-02
600667	4129865	47.655	13.041	13.207	28.307	1.02E-02
600677	4129865	45.801	12.759	12.935	27.763	9.79E-03
600687	4129865	43.881	12.466	12.646	27.146	9.38E-03
600697	4129865	41.925	12.167	12.348	26.474	8.96E-03
600707	4129865	39.972	11.865	12.040	25.756	8.54E-03
600717	4129865	38.046	11.565	11.732	25.006	8.13E-03
600727	4129865	36.167	11.268	11.427	24.233	7.73E-03
600737	4129865	34.337	10.975	11.128	23.441	7.34E-03
600747	4129865	32.570	10.688	10.835	22.640	6.96E-03
600757	4129865	30.879	10.408	10.549	21.841	6.60E-03
600767	4129865	29.268	10.134	10.269	21.046	6.26E-03
600777	4129865	27.735	9.866	9.996	20.260	5.93E-03
600787	4129865	26.278	9.607	9.732	19.491	5.62E-03
600797	4129865	24.904	9.354	9.474	18.741	5.32E-03
600807	4129865	23.610	9.108	9.223	18.008	5.05E-03
600817	4129865	22.392	8.869	8.978	17.305	4.79E-03

600827	4129865	21.246	8.637	8.741	16.620	4.54E-03
600837	4129865	20.165	8.415	8.514	15.964	4.31E-03
600847	4129865	19.132	8.210	8.304	15.316	4.09E-03
600857	4129865	18.159	8.010	8.099	14.696	3.88E-03
600867	4129865	17.259	7.814	7.897	14.110	3.69E-03
600877	4129865	16.412	7.626	7.704	13.544	3.51E-03
600887	4129865	15.623	7.446	7.518	13.008	3.34E-03
600897	4129865	14.876	7.273	7.341	12.493	3.18E-03
600177	4129875	1.833	4.512	4.537	1.564	3.92E-04
600187	4129875	1.890	4.648	4.675	1.601	4.04E-04
600197	4129875	1.950	4.787	4.814	1.641	4.17E-04
600207	4129875	2.013	4.925	4.954	1.682	4.30E-04
600217	4129875	2.079	5.058	5.087	1.721	4.44E-04
600227	4129875	2.148	5.188	5.217	1.765	4.59E-04
600237	4129875	2.220	5.313	5.342	1.807	4.75E-04
600247	4129875	2.296	5.432	5.460	1.853	4.91E-04
600257	4129875	2.376	5.546	5.572	1.898	5.08E-04
600267	4129875	2.458	5.648	5.672	1.946	5.25E-04
600277	4129875	2.545	5.744	5.764	1.995	5.44E-04
600287	4129875	2.636	5.835	5.851	2.046	5.63E-04
600297	4129875	2.732	5.923	5.933	2.100	5.84E-04
600307	4129875	2.834	6.010	6.013	2.160	6.06E-04
600317	4129875	2.939	6.094	6.090	2.223	6.28E-04
600327	4129875	3.047	6.180	6.168	2.289	6.51E-04
600337	4129875	3.162	6.272	6.253	2.364	6.76E-04
600347	4129875	3.287	6.370	6.344	2.453	7.03E-04
600357	4129875	3.425	6.478	6.445	2.564	7.32E-04
600367	4129875	3.573	6.591	6.554	2.698	7.64E-04
600377	4129875	3.739	6.713	6.672	2.874	7.99E-04
600387	4129875	3.920	6.842	6.802	3.098	8.38E-04
600397	4129875	4.119	6.980	6.942	3.389	8.80E-04
600407	4129875	4.358	7.129	7.096	3.791	9.31E-04
600417	4129875	4.643	7.290	7.264	4.337	9.92E-04
600427	4129875	4.991	7.465	7.448	5.071	1.07E-03
600437	4129875	5.436	7.657	7.651	6.049	1.16E-03
600447	4129875	6.017	7.871	7.878	7.331	1.29E-03
600457	4129875	6.789	8.114	8.137	8.945	1.45E-03
600467	4129875	7.828	8.394	8.436	10.934	1.67E-03
600477	4129875	9.233	8.723	8.789	13.288	1.97E-03
600487	4129875	11.112	9.111	9.206	15.968	2.38E-03
600497	4129875	13.606	9.573	9.705	18.854	2.91E-03
600507	4129875	16.911	10.134	10.312	21.788	3.61E-03
600517	4129875	21.219	10.810	11.048	24.524	4.54E-03
600527	4129875	26.880	11.651	11.960	26.966	5.75E-03
600537	4129875	33.959	12.646	13.040	28.980	7.26E-03
600547	4129875	42.090	13.778	14.257	30.605	9.00E-03
600557	4129875	49.962	14.905	15.445	31.855	1.07E-02
600567	4129875	56.159	15.681	16.228	32.677	1.20E-02
600577	4129875	60.507	16.125	16.615	33.163	1.29E-02
600587	4129875	63.332	16.444	16.864	33.450	1.35E-02
600597	4129875	64.711	16.615	16.962	33.591	1.38E-02
600607	4129875	64.853	16.622	16.897	33.604	1.39E-02
600617	4129875	64.067	16.491	16.715	33.493	1.37E-02
600627	4129875	62.579	16.252	16.441	33.263	1.34E-02
600637	4129875	60.634	15.929	16.109	32.909	1.30E-02

600647	4129875	58.380	15.547	15.733	32.435	1.25E-02
600657	4129875	55.938	15.129	15.328	31.848	1.20E-02
600667	4129875	53.391	14.693	14.907	31.162	1.14E-02
600677	4129875	50.796	14.259	14.482	30.389	1.09E-02
600687	4129875	48.200	13.832	14.057	29.547	1.03E-02
600697	4129875	45.640	13.415	13.635	28.655	9.76E-03
600707	4129875	43.131	13.010	13.224	27.719	9.22E-03
600717	4129875	40.716	12.617	12.819	26.759	8.70E-03
600727	4129875	38.404	12.236	12.426	25.787	8.21E-03
600737	4129875	36.200	11.869	12.048	24.812	7.74E-03
600747	4129875	34.113	11.515	11.684	23.843	7.29E-03
600757	4129875	32.143	11.174	11.333	22.890	6.87E-03
600767	4129875	30.288	10.845	10.996	21.951	6.47E-03
600777	4129875	28.550	10.527	10.671	21.045	6.10E-03
600787	4129875	26.929	10.221	10.357	20.160	5.76E-03
600797	4129875	25.407	9.926	10.056	19.310	5.43E-03
600807	4129875	23.989	9.642	9.765	18.492	5.13E-03
600817	4129875	22.669	9.367	9.483	17.705	4.85E-03
600827	4129875	21.437	9.103	9.211	16.952	4.58E-03
600837	4129875	20.285	8.851	8.953	16.231	4.34E-03
600847	4129875	19.208	8.611	8.706	15.542	4.11E-03
600857	4129875	18.179	8.391	8.481	14.869	3.89E-03
600867	4129875	17.219	8.177	8.260	14.229	3.68E-03
600877	4129875	16.343	7.968	8.046	13.635	3.49E-03
600887	4129875	15.524	7.770	7.841	13.063	3.32E-03
600897	4129875	14.755	7.580	7.646	12.519	3.15E-03
600907	4129875	14.049	7.398	7.459	12.015	3.00E-03
600177	4129885	1.970	4.803	4.833	1.685	4.21E-04
600187	4129885	2.036	4.961	4.993	1.728	4.35E-04
600197	4129885	2.104	5.112	5.146	1.774	4.50E-04
600207	4129885	2.176	5.267	5.303	1.820	4.65E-04
600217	4129885	2.252	5.418	5.455	1.866	4.81E-04
600227	4129885	2.332	5.563	5.600	1.918	4.98E-04
600237	4129885	2.417	5.707	5.745	1.968	5.17E-04
600247	4129885	2.506	5.839	5.875	2.021	5.36E-04
600257	4129885	2.599	5.959	5.992	2.072	5.55E-04
600267	4129885	2.696	6.070	6.099	2.128	5.76E-04
600277	4129885	2.800	6.172	6.196	2.184	5.98E-04
600287	4129885	2.909	6.268	6.285	2.243	6.22E-04
600297	4129885	3.025	6.361	6.370	2.308	6.46E-04
600307	4129885	3.147	6.451	6.451	2.372	6.73E-04
600317	4129885	3.271	6.540	6.531	2.438	6.99E-04
600327	4129885	3.403	6.634	6.616	2.512	7.27E-04
600337	4129885	3.546	6.735	6.708	2.593	7.58E-04
600347	4129885	3.702	6.843	6.809	2.688	7.91E-04
600357	4129885	3.870	6.958	6.918	2.799	8.27E-04
600367	4129885	4.048	7.079	7.036	2.934	8.65E-04
600377	4129885	4.250	7.208	7.164	3.107	9.09E-04
600387	4129885	4.469	7.344	7.302	3.326	9.55E-04
600397	4129885	4.709	7.489	7.453	3.614	1.01E-03
600407	4129885	4.989	7.644	7.616	4.010	1.07E-03
600417	4129885	5.319	7.812	7.793	4.561	1.14E-03
600427	4129885	5.718	7.996	7.989	5.326	1.22E-03
600437	4129885	6.214	8.198	8.204	6.375	1.33E-03
600447	4129885	6.862	8.426	8.448	7.784	1.47E-03

600457	4129885	7.723	8.689	8.729	9.630	1.65E-03
600467	4129885	8.882	8.996	9.057	11.941	1.90E-03
600477	4129885	10.458	9.363	9.451	14.732	2.24E-03
600487	4129885	12.598	9.809	9.931	17.971	2.69E-03
600497	4129885	15.478	10.357	10.524	21.496	3.31E-03
600507	4129885	19.345	11.048	11.274	25.065	4.14E-03
600517	4129885	24.559	11.943	12.249	28.390	5.25E-03
600527	4129885	31.713	13.146	13.564	31.302	6.78E-03
600537	4129885	41.402	14.736	15.310	33.614	8.85E-03
600547	4129885	53.764	16.864	17.671	35.541	1.15E-02
600557	4129885	64.804	18.929	19.982	36.794	1.39E-02
600567	4129885	72.509	20.172	21.287	37.529	1.55E-02
600577	4129885	77.267	20.847	21.875	37.972	1.65E-02
600587	4129885	79.516	21.047	21.922	38.205	1.70E-02
600597	4129885	79.845	20.875	21.599	38.275	1.71E-02
600607	4129885	78.692	20.453	21.041	38.176	1.68E-02
600617	4129885	76.431	19.874	20.339	37.910	1.63E-02
600627	4129885	73.458	19.227	19.589	37.476	1.57E-02
600637	4129885	70.131	18.560	18.867	36.883	1.50E-02
600647	4129885	66.604	17.886	18.161	36.134	1.42E-02
600657	4129885	63.007	17.220	17.481	35.253	1.35E-02
600667	4129885	59.430	16.570	16.831	34.269	1.27E-02
600677	4129885	55.929	15.943	16.207	33.196	1.20E-02
600687	4129885	52.529	15.346	15.609	32.070	1.12E-02
600697	4129885	49.244	14.787	15.045	30.891	1.05E-02
600707	4129885	46.111	14.257	14.506	29.695	9.86E-03
600717	4129885	43.149	13.754	13.991	28.486	9.22E-03
600727	4129885	40.384	13.278	13.498	27.288	8.63E-03
600737	4129885	37.799	12.825	13.029	26.112	8.08E-03
600747	4129885	35.384	12.395	12.585	24.957	7.56E-03
600757	4129885	33.133	11.985	12.163	23.838	7.08E-03
600767	4129885	31.054	11.594	11.761	22.755	6.64E-03
600777	4129885	29.125	11.221	11.378	21.718	6.23E-03
600787	4129885	27.345	10.864	11.011	20.726	5.84E-03
600797	4129885	25.697	10.523	10.661	19.771	5.49E-03
600807	4129885	24.173	10.196	10.326	18.866	5.17E-03
600817	4129885	22.763	9.884	10.005	18.004	4.87E-03
600827	4129885	21.459	9.585	9.698	17.186	4.59E-03
600837	4129885	20.249	9.302	9.406	16.406	4.33E-03
600847	4129885	19.128	9.032	9.128	15.669	4.09E-03
600857	4129885	18.076	8.782	8.870	14.964	3.86E-03
600867	4129885	17.072	8.550	8.632	14.278	3.65E-03
600877	4129885	16.167	8.321	8.397	13.645	3.46E-03
600887	4129885	15.329	8.103	8.173	13.054	3.28E-03
600897	4129885	14.555	7.895	7.960	12.492	3.11E-03
600907	4129885	13.827	7.697	7.758	11.960	2.96E-03
600177	4129895	2.119	5.126	5.163	1.819	4.53E-04
600187	4129895	2.194	5.315	5.354	1.869	4.69E-04
600197	4129895	2.273	5.494	5.536	1.923	4.86E-04
600207	4129895	2.355	5.664	5.708	1.975	5.03E-04
600217	4129895	2.442	5.833	5.880	2.031	5.22E-04
600227	4129895	2.536	6.004	6.051	2.088	5.42E-04
600237	4129895	2.635	6.165	6.212	2.150	5.63E-04
600247	4129895	2.738	6.308	6.354	2.210	5.85E-04
600257	4129895	2.847	6.439	6.481	2.274	6.09E-04

600267	4129895	2.963	6.558	6.595	2.337	6.33E-04
600277	4129895	3.086	6.667	6.696	2.406	6.60E-04
600287	4129895	3.217	6.768	6.787	2.473	6.88E-04
600297	4129895	3.357	6.866	6.872	2.548	7.18E-04
600307	4129895	3.502	6.960	6.955	2.620	7.49E-04
600317	4129895	3.653	7.057	7.042	2.695	7.81E-04
600327	4129895	3.817	7.161	7.135	2.779	8.16E-04
600337	4129895	3.999	7.273	7.237	2.870	8.55E-04
600347	4129895	4.192	7.389	7.346	2.974	8.96E-04
600357	4129895	4.397	7.511	7.465	3.089	9.40E-04
600367	4129895	4.621	7.639	7.593	3.224	9.88E-04
600377	4129895	4.866	7.772	7.729	3.393	1.04E-03
600387	4129895	5.139	7.912	7.874	3.609	1.10E-03
600397	4129895	5.443	8.059	8.030	3.894	1.16E-03
600407	4129895	5.786	8.217	8.198	4.284	1.24E-03
600417	4129895	6.185	8.388	8.382	4.828	1.32E-03
600427	4129895	6.661	8.576	8.584	5.609	1.42E-03
600437	4129895	7.248	8.786	8.809	6.719	1.55E-03
600447	4129895	8.000	9.026	9.066	8.263	1.71E-03
600457	4129895	8.996	9.306	9.365	10.356	1.92E-03
600467	4129895	10.341	9.640	9.723	13.061	2.21E-03
600477	4129895	12.176	10.048	10.160	16.418	2.60E-03
600487	4129895	14.690	10.557	10.707	20.375	3.14E-03
600497	4129895	18.094	11.202	11.403	24.737	3.87E-03
600507	4129895	22.708	12.045	12.319	29.138	4.85E-03
600517	4129895	29.079	13.212	13.592	33.246	6.22E-03
600527	4129895	38.089	14.900	15.450	36.712	8.14E-03
600537	4129895	51.669	17.548	18.402	39.495	1.10E-02
600547	4129895	70.921	21.907	23.488	41.637	1.52E-02
600557	4129895	87.273	27.149	29.827	42.840	1.87E-02
600567	4129895	96.618	30.092	33.097	43.510	2.07E-02
600577	4129895	100.562	30.057	32.638	43.888	2.15E-02
600587	4129895	100.910	28.740	30.731	44.038	2.16E-02
600597	4129895	98.897	27.141	28.611	43.960	2.11E-02
600607	4129895	95.413	25.624	26.745	43.660	2.04E-02
600617	4129895	90.916	24.191	25.043	43.118	1.94E-02
600627	4129895	85.862	22.864	23.508	42.360	1.84E-02
600637	4129895	80.642	21.666	22.165	41.390	1.72E-02
600647	4129895	75.457	20.577	20.985	40.243	1.61E-02
600657	4129895	70.399	19.580	19.927	38.960	1.50E-02
600667	4129895	65.552	18.660	18.978	37.575	1.40E-02
600677	4129895	60.967	17.808	18.113	36.125	1.30E-02
600687	4129895	56.627	17.017	17.314	34.627	1.21E-02
600697	4129895	52.543	16.287	16.576	33.117	1.12E-02
600707	4129895	48.740	15.611	15.890	31.609	1.04E-02
600717	4129895	45.227	14.982	15.247	30.126	9.67E-03
600727	4129895	41.988	14.396	14.644	28.680	8.97E-03
600737	4129895	39.027	13.848	14.076	27.287	8.34E-03
600747	4129895	36.300	13.332	13.542	25.942	7.76E-03
600757	4129895	33.797	12.846	13.040	24.651	7.22E-03
600767	4129895	31.506	12.386	12.567	23.427	6.73E-03
600777	4129895	29.419	11.951	12.119	22.256	6.29E-03
600787	4129895	27.504	11.538	11.695	21.155	5.88E-03
600797	4129895	25.748	11.146	11.292	20.106	5.50E-03
600807	4129895	24.138	10.774	10.909	19.119	5.16E-03



600817	4129895	22.659	10.421	10.546	18.185	4.84E-03
600827	4129895	21.302	10.086	10.201	17.306	4.55E-03
600837	4129895	20.049	9.771	9.876	16.477	4.29E-03
600847	4129895	18.903	9.469	9.564	15.699	4.04E-03
600857	4129895	17.833	9.190	9.276	14.962	3.81E-03
600867	4129895	16.821	8.932	9.012	14.255	3.60E-03
600877	4129895	15.893	8.684	8.758	13.592	3.40E-03
600887	4129895	15.048	8.446	8.514	12.973	3.22E-03
600897	4129895	14.264	8.219	8.283	12.397	3.05E-03
600907	4129895	13.536	8.004	8.064	11.849	2.89E-03
600167	4129905	2.198	5.277	5.317	1.910	4.70E-04
600177	4129905	2.280	5.493	5.538	1.967	4.87E-04
600187	4129905	2.365	5.709	5.758	2.024	5.06E-04
600197	4129905	2.456	5.924	5.977	2.087	5.25E-04
600207	4129905	2.552	6.132	6.189	2.150	5.45E-04
600217	4129905	2.653	6.331	6.389	2.217	5.67E-04
600227	4129905	2.761	6.524	6.584	2.283	5.90E-04
600237	4129905	2.874	6.700	6.759	2.354	6.14E-04
600247	4129905	2.995	6.860	6.917	2.428	6.40E-04
600257	4129905	3.124	7.003	7.055	2.500	6.68E-04
600267	4129905	3.261	7.131	7.175	2.580	6.97E-04
600277	4129905	3.408	7.246	7.279	2.659	7.28E-04
600287	4129905	3.565	7.353	7.371	2.742	7.62E-04
600297	4129905	3.731	7.454	7.458	2.828	7.97E-04
600307	4129905	3.905	7.557	7.548	2.912	8.35E-04
600317	4129905	4.093	7.666	7.643	3.002	8.75E-04
600327	4129905	4.299	7.781	7.747	3.100	9.19E-04
600337	4129905	4.525	7.901	7.857	3.205	9.67E-04
600347	4129905	4.763	8.025	7.977	3.319	1.02E-03
600357	4129905	5.022	8.153	8.105	3.445	1.07E-03
600367	4129905	5.306	8.283	8.239	3.588	1.13E-03
600377	4129905	5.614	8.417	8.381	3.756	1.20E-03
600387	4129905	5.958	8.555	8.528	3.970	1.27E-03
600397	4129905	6.346	8.699	8.684	4.249	1.36E-03
600407	4129905	6.783	8.853	8.851	4.630	1.45E-03
600417	4129905	7.289	9.020	9.033	5.165	1.56E-03
600427	4129905	7.885	9.207	9.235	5.943	1.69E-03
600437	4129905	8.612	9.420	9.464	7.090	1.84E-03
600447	4129905	9.535	9.667	9.729	8.764	2.04E-03
600457	4129905	10.754	9.962	10.044	11.133	2.30E-03
600467	4129905	12.393	10.322	10.427	14.314	2.65E-03
600477	4129905	14.650	10.772	10.907	18.376	3.13E-03
600487	4129905	17.787	11.351	11.526	23.313	3.80E-03
600497	4129905	22.021	12.092	12.325	28.759	4.71E-03
600507	4129905	27.887	13.111	13.430	34.337	5.96E-03
600517	4129905	36.177	14.615	15.069	39.533	7.73E-03
600527	4129905	47.978	16.909	17.601	43.645	1.03E-02
600537	4129905	65.366	21.164	22.447	46.999	1.40E-02
600547	4129905	90.326	30.516	34.043	49.244	1.93E-02
600557	4129905	115.935	26.848	29.551	50.365	2.48E-02
600567	4129905	128.219	22.786	24.545	50.982	2.74E-02
600577	4129905	130.297	47.478	54.010	51.265	2.79E-02
600587	4129905	127.333	40.773	44.993	51.242	2.72E-02
600597	4129905	121.799	35.945	38.802	50.895	2.60E-02
600607	4129905	114.848	32.319	34.293	50.215	2.45E-02

600617	4129905	107.218	29.492	30.908	49.219	2.29E-02
600627	4129905	99.455	27.217	28.272	47.932	2.13E-02
600637	4129905	91.837	25.291	26.075	46.407	1.96E-02
600647	4129905	84.581	23.650	24.246	44.707	1.81E-02
600657	4129905	77.756	22.230	22.701	42.881	1.66E-02
600667	4129905	71.419	20.981	21.379	40.979	1.53E-02
600677	4129905	65.586	19.864	20.221	39.057	1.40E-02
600687	4129905	60.188	18.851	19.179	37.121	1.29E-02
600697	4129905	55.298	17.928	18.242	35.233	1.18E-02
600707	4129905	50.805	17.084	17.386	33.383	1.09E-02
600717	4129905	46.762	16.311	16.599	31.605	1.00E-02
600727	4129905	43.082	15.600	15.872	29.899	9.21E-03
600737	4129905	39.754	14.942	15.196	28.268	8.50E-03
600747	4129905	36.779	14.331	14.564	26.747	7.86E-03
600757	4129905	34.074	13.760	13.972	25.286	7.28E-03
600767	4129905	31.625	13.224	13.418	23.927	6.76E-03
600777	4129905	29.399	12.720	12.899	22.634	6.28E-03
600787	4129905	27.381	12.246	12.411	21.427	5.85E-03
600797	4129905	25.546	11.799	11.951	20.293	5.46E-03
600807	4129905	23.876	11.378	11.517	19.232	5.10E-03
600817	4129905	22.352	10.981	11.109	18.238	4.78E-03
600827	4129905	20.960	10.608	10.725	17.308	4.48E-03
600837	4129905	19.697	10.255	10.359	16.443	4.21E-03
600847	4129905	18.540	9.921	10.014	15.638	3.96E-03
600857	4129905	17.452	9.617	9.702	14.865	3.73E-03
600867	4129905	16.441	9.332	9.410	14.136	3.51E-03
600877	4129905	15.509	9.061	9.133	13.450	3.32E-03
600887	4129905	14.670	8.801	8.868	12.821	3.14E-03
600897	4129905	13.889	8.554	8.618	12.235	2.97E-03
600907	4129905	13.168	8.319	8.381	11.676	2.81E-03
600167	4129915	2.362	5.661	5.711	2.063	5.05E-04
600177	4129915	2.453	5.913	5.969	2.130	5.24E-04
600187	4129915	2.551	6.167	6.230	2.197	5.45E-04
600197	4129915	2.654	6.420	6.488	2.270	5.67E-04
600207	4129915	2.764	6.672	6.744	2.344	5.91E-04
600217	4129915	2.881	6.911	6.985	2.424	6.16E-04
600227	4129915	3.006	7.138	7.212	2.505	6.43E-04
600237	4129915	3.138	7.341	7.413	2.588	6.71E-04
600247	4129915	3.279	7.519	7.587	2.675	7.01E-04
600257	4129915	3.430	7.675	7.735	2.766	7.33E-04
600267	4129915	3.593	7.811	7.860	2.858	7.68E-04
600277	4129915	3.768	7.932	7.966	2.957	8.05E-04
600287	4129915	3.953	8.043	8.060	3.054	8.45E-04
600297	4129915	4.150	8.154	8.156	3.156	8.87E-04
600307	4129915	4.363	8.271	8.256	3.260	9.33E-04
600317	4129915	4.597	8.393	8.362	3.372	9.83E-04
600327	4129915	4.854	8.517	8.474	3.490	1.04E-03
600337	4129915	5.128	8.645	8.598	3.613	1.10E-03
600347	4129915	5.427	8.773	8.726	3.742	1.16E-03
600357	4129915	5.754	8.901	8.859	3.883	1.23E-03
600367	4129915	6.117	9.026	8.993	4.042	1.31E-03
600377	4129915	6.515	9.152	9.131	4.223	1.39E-03
600387	4129915	6.956	9.280	9.273	4.437	1.49E-03
600397	4129915	7.452	9.412	9.420	4.712	1.59E-03
600407	4129915	8.020	9.554	9.577	5.080	1.71E-03

600417	4129915	8.681	9.710	9.748	5.601	1.86E-03
600427	4129915	9.458	9.888	9.942	6.365	2.02E-03
600437	4129915	10.400	10.097	10.167	7.527	2.22E-03
600447	4129915	11.585	10.346	10.433	9.303	2.48E-03
600457	4129915	13.146	10.651	10.758	11.946	2.81E-03
600467	4129915	15.243	11.029	11.159	15.667	3.26E-03
600477	4129915	18.182	11.516	11.677	20.657	3.89E-03
600487	4129915	22.324	12.154	12.357	26.872	4.77E-03
600497	4129915	28.032	12.987	13.251	33.868	5.99E-03
600507	4129915	36.225	14.167	14.528	41.112	7.74E-03
600517	4129915	48.239	15.943	16.464	47.665	1.03E-02
600527	4129915	66.064	18.839	19.668	52.837	1.41E-02
600567	4129915	157.018	21.935	23.512	60.506	3.36E-02
600577	4129915	162.185	54.219	63.460	60.580	3.47E-02
600587	4129915	156.965	58.394	67.014	60.195	3.36E-02
600597	4129915	147.529	47.906	53.152	59.319	3.15E-02
600607	4129915	136.426	40.958	44.383	57.981	2.92E-02
600617	4129915	124.849	36.032	38.332	56.225	2.67E-02
600627	4129915	113.631	32.381	34.008	54.147	2.43E-02
600637	4129915	103.170	29.540	30.742	51.851	2.21E-02
600647	4129915	93.487	27.200	28.091	49.404	2.00E-02
600657	4129915	84.602	25.239	25.904	46.872	1.81E-02
600667	4129915	76.603	23.583	24.114	44.352	1.64E-02
600677	4129915	69.412	22.142	22.583	41.864	1.48E-02
600687	4129915	62.971	20.868	21.248	39.447	1.35E-02
600697	4129915	57.247	19.726	20.070	37.134	1.22E-02
600707	4129915	52.161	18.695	19.016	34.931	1.11E-02
600717	4129915	47.608	17.759	18.063	32.841	1.02E-02
600727	4129915	43.571	16.905	17.194	30.878	9.31E-03
600737	4129915	39.950	16.123	16.396	29.021	8.54E-03
600747	4129915	36.752	15.403	15.656	27.305	7.86E-03
600757	4129915	33.910	14.736	14.966	25.705	7.25E-03
600767	4129915	31.367	14.113	14.320	24.224	6.70E-03
600777	4129915	29.046	13.534	13.724	22.818	6.21E-03
600787	4129915	26.963	12.992	13.166	21.526	5.76E-03
600797	4129915	25.086	12.485	12.643	20.317	5.36E-03
600807	4129915	23.387	12.010	12.154	19.196	5.00E-03
600817	4129915	21.847	11.567	11.696	18.161	4.67E-03
600827	4129915	20.457	11.150	11.266	17.195	4.37E-03
600837	4129915	19.202	10.756	10.858	16.304	4.10E-03
600847	4129915	18.022	10.399	10.491	15.460	3.85E-03
600857	4129915	16.934	10.066	10.149	14.661	3.62E-03
600867	4129915	15.938	9.751	9.828	13.922	3.41E-03
600877	4129915	15.043	9.451	9.522	13.245	3.22E-03
600887	4129915	14.208	9.168	9.235	12.603	3.04E-03
600897	4129915	13.448	8.899	8.964	12.006	2.87E-03
600907	4129915	12.735	8.643	8.708	11.444	2.72E-03
600917	4129915	12.079	8.398	8.464	10.922	2.58E-03
600167	4129925	2.537	6.101	6.164	2.232	5.42E-04
600177	4129925	2.641	6.401	6.473	2.310	5.64E-04
600187	4129925	2.751	6.706	6.786	2.391	5.88E-04
600197	4129925	2.868	7.009	7.096	2.475	6.13E-04
600207	4129925	2.994	7.306	7.400	2.562	6.40E-04
600217	4129925	3.128	7.593	7.690	2.655	6.69E-04
600227	4129925	3.272	7.870	7.964	2.753	6.99E-04

600237	4129925	3.427	8.114	8.201	2.853	7.32E-04
600247	4129925	3.591	8.316	8.395	2.957	7.68E-04
600257	4129925	3.767	8.485	8.552	3.066	8.05E-04
600267	4129925	3.959	8.631	8.680	3.182	8.46E-04
600277	4129925	4.164	8.758	8.787	3.299	8.90E-04
600287	4129925	4.383	8.880	8.891	3.420	9.37E-04
600297	4129925	4.620	9.006	8.999	3.545	9.88E-04
600307	4129925	4.882	9.138	9.112	3.678	1.04E-03
600317	4129925	5.170	9.270	9.231	3.817	1.11E-03
600327	4129925	5.481	9.403	9.359	3.962	1.17E-03
600337	4129925	5.820	9.534	9.491	4.111	1.24E-03
600347	4129925	6.196	9.656	9.619	4.268	1.32E-03
600357	4129925	6.606	9.773	9.749	4.434	1.41E-03
600367	4129925	7.067	9.881	9.871	4.618	1.51E-03
600377	4129925	7.583	9.986	9.990	4.823	1.62E-03
600387	4129925	8.153	10.092	10.114	5.051	1.74E-03
600397	4129925	8.799	10.201	10.241	5.327	1.88E-03
600407	4129925	9.541	10.320	10.375	5.688	2.04E-03
600417	4129925	10.411	10.455	10.525	6.193	2.23E-03
600427	4129925	11.437	10.615	10.700	6.925	2.44E-03
600437	4129925	12.686	10.810	10.910	8.067	2.71E-03
600447	4129925	14.251	11.052	11.169	9.889	3.05E-03
600457	4129925	16.306	11.358	11.492	12.779	3.49E-03
600467	4129925	19.100	11.749	11.905	17.134	4.08E-03
600477	4129925	23.073	12.262	12.447	23.300	4.93E-03
600487	4129925	28.736	12.934	13.163	31.246	6.14E-03
600497	4129925	36.829	13.825	14.118	40.487	7.87E-03
600507	4129925	48.916	15.090	15.484	50.121	1.05E-02
600517	4129925	67.451	17.001	17.564	58.713	1.44E-02
600577	4129925	185.783	40.590	45.773	72.444	3.97E-02
600587	4129925	185.243	44.620	50.655	71.282	3.96E-02
600597	4129925	174.149	65.276	75.263	69.430	3.72E-02
600607	4129925	159.026	52.680	58.601	66.966	3.40E-02
600617	4129925	143.008	44.516	48.345	64.048	3.06E-02
600627	4129925	127.687	38.816	41.384	60.846	2.73E-02
600637	4129925	113.710	34.582	36.362	57.477	2.43E-02
600647	4129925	101.295	31.365	32.670	54.086	2.17E-02
600657	4129925	90.233	28.739	29.710	50.724	1.93E-02
600667	4129925	80.417	26.541	27.260	47.467	1.72E-02
600677	4129925	71.926	24.703	25.269	44.367	1.54E-02
600687	4129925	64.547	23.114	23.579	41.436	1.38E-02
600697	4129925	58.102	21.715	22.108	38.681	1.24E-02
600707	4129925	52.496	20.468	20.818	36.119	1.12E-02
600717	4129925	47.616	19.348	19.670	33.737	1.02E-02
600727	4129925	43.352	18.330	18.634	31.539	9.27E-03
600737	4129925	39.571	17.406	17.693	29.493	8.46E-03
600747	4129925	36.212	16.562	16.832	27.597	7.74E-03
600757	4129925	33.288	15.786	16.033	25.866	7.12E-03
600767	4129925	30.704	15.065	15.287	24.283	6.56E-03
600777	4129925	28.356	14.401	14.603	22.797	6.06E-03
600787	4129925	26.258	13.783	13.966	21.437	5.61E-03
600797	4129925	24.376	13.209	13.374	20.177	5.21E-03
600807	4129925	22.683	12.677	12.824	19.011	4.85E-03
600817	4129925	21.160	12.181	12.311	17.943	4.52E-03
600827	4129925	19.794	11.717	11.832	16.960	4.23E-03

600837	4129925	18.536	11.291	11.393	16.039	3.96E-03
600847	4129925	17.378	10.898	10.989	15.179	3.71E-03
600857	4129925	16.322	10.530	10.612	14.378	3.49E-03
600867	4129925	15.360	10.184	10.260	13.636	3.28E-03
600877	4129925	14.485	9.857	9.928	12.955	3.10E-03
600887	4129925	13.684	9.547	9.617	12.320	2.93E-03
600897	4129925	12.940	9.254	9.323	11.723	2.77E-03
600907	4129925	12.256	8.974	9.045	11.167	2.62E-03
600917	4129925	11.625	8.707	8.780	10.650	2.48E-03
600167	4129935	2.724	6.610	6.690	2.419	5.82E-04
600177	4129935	2.841	6.972	7.064	2.509	6.07E-04
600187	4129935	2.966	7.342	7.447	2.602	6.34E-04
600197	4129935	3.099	7.713	7.829	2.701	6.62E-04
600207	4129935	3.241	8.079	8.203	2.805	6.93E-04
600217	4129935	3.394	8.430	8.558	2.915	7.26E-04
600227	4129935	3.560	8.762	8.884	3.031	7.61E-04
600237	4129935	3.738	9.057	9.166	3.153	7.99E-04
600247	4129935	3.929	9.293	9.384	3.282	8.40E-04
600257	4129935	4.135	9.481	9.549	3.413	8.84E-04
600267	4129935	4.357	9.635	9.679	3.554	9.31E-04
600277	4129935	4.596	9.777	9.795	3.697	9.82E-04
600287	4129935	4.856	9.919	9.915	3.846	1.04E-03
600297	4129935	5.145	10.063	10.039	4.008	1.10E-03
600307	4129935	5.462	10.206	10.168	4.178	1.17E-03
600317	4129935	5.807	10.349	10.308	4.356	1.24E-03
600327	4129935	6.186	10.481	10.446	4.537	1.32E-03
600337	4129935	6.606	10.597	10.572	4.725	1.41E-03
600347	4129935	7.073	10.697	10.685	4.926	1.51E-03
600357	4129935	7.586	10.786	10.794	5.131	1.62E-03
600367	4129935	8.165	10.861	10.888	5.350	1.75E-03
600377	4129935	8.826	10.925	10.969	5.595	1.89E-03
600387	4129935	9.560	10.993	11.056	5.853	2.04E-03
600397	4129935	10.405	11.064	11.144	6.157	2.22E-03
600407	4129935	11.381	11.147	11.241	6.524	2.43E-03
600417	4129935	12.518	11.249	11.358	7.011	2.68E-03
600427	4129935	13.878	11.381	11.501	7.711	2.97E-03
600437	4129935	15.540	11.552	11.685	8.799	3.32E-03
600447	4129935	17.623	11.777	11.924	10.596	3.77E-03
600457	4129935	20.360	12.073	12.235	13.656	4.35E-03
600467	4129935	24.128	12.464	12.646	18.683	5.16E-03
600477	4129935	29.507	12.981	13.190	26.311	6.31E-03
600487	4129935	37.331	13.660	13.911	36.684	7.98E-03
600497	4129935	48.836	14.551	14.865	49.189	1.04E-02
600507	4129935	66.757	15.817	16.230	62.572	1.43E-02
600517	4129935	92.706	17.715	18.289	74.471	1.98E-02
600587	4129935	202.338	33.874	37.093	84.814	4.32E-02
600597	4129935	197.340	44.903	50.401	81.214	4.22E-02
600607	4129935	180.746	70.659	81.864	76.995	3.86E-02
600617	4129935	160.288	56.520	63.083	72.405	3.43E-02
600627	4129935	140.342	47.414	51.624	67.671	3.00E-02
600637	4129935	122.407	41.050	43.831	62.971	2.62E-02
600647	4129935	106.820	36.409	38.333	58.435	2.28E-02
600657	4129935	93.571	32.882	34.280	54.141	2.00E-02
600667	4129935	82.199	29.993	31.000	50.099	1.76E-02
600677	4129935	72.674	27.650	28.413	46.366	1.55E-02

600687	4129935	64.597	25.663	26.260	42.929	1.38E-02
600697	4129935	57.692	23.946	24.425	39.759	1.23E-02
600707	4129935	51.788	22.442	22.844	36.861	1.11E-02
600717	4129935	46.715	21.105	21.459	34.212	9.99E-03
600727	4129935	42.354	19.904	20.227	31.812	9.05E-03
600737	4129935	38.503	18.816	19.118	29.597	8.23E-03
600747	4129935	35.143	17.827	18.111	27.584	7.51E-03
600757	4129935	32.231	16.924	17.185	25.759	6.89E-03
600767	4129935	29.653	16.093	16.329	24.101	6.34E-03
600777	4129935	27.335	15.331	15.547	22.554	5.84E-03
600787	4129935	25.287	14.626	14.818	21.157	5.40E-03
600797	4129935	23.440	13.979	14.149	19.861	5.01E-03
600807	4129935	21.788	13.381	13.531	18.678	4.66E-03
600817	4129935	20.315	12.828	12.958	17.598	4.34E-03
600827	4129935	18.974	12.320	12.433	16.594	4.06E-03
600837	4129935	17.748	11.854	11.954	15.660	3.79E-03
600847	4129935	16.642	11.419	11.509	14.809	3.56E-03
600857	4129935	15.622	11.016	11.098	14.010	3.34E-03
600867	4129935	14.705	10.636	10.713	13.279	3.14E-03
600877	4129935	13.868	10.278	10.352	12.601	2.96E-03
600887	4129935	13.095	9.939	10.014	11.971	2.80E-03
600897	4129935	12.389	9.618	9.695	11.389	2.65E-03
600907	4129935	11.734	9.312	9.392	10.842	2.51E-03
600917	4129935	11.128	9.019	9.103	10.332	2.38E-03
600167	4129945	2.923	7.203	7.307	2.625	6.25E-04
600177	4129945	3.054	7.646	7.768	2.729	6.53E-04
600187	4129945	3.195	8.104	8.244	2.837	6.83E-04
600197	4129945	3.345	8.570	8.726	2.953	7.15E-04
600207	4129945	3.507	9.033	9.200	3.078	7.50E-04
600217	4129945	3.681	9.479	9.648	3.209	7.87E-04
600227	4129945	3.869	9.884	10.045	3.344	8.27E-04
600237	4129945	4.073	10.237	10.376	3.491	8.71E-04
600247	4129945	4.294	10.515	10.623	3.647	9.18E-04
600257	4129945	4.532	10.724	10.796	3.810	9.69E-04
600267	4129945	4.788	10.899	10.933	3.979	1.02E-03
600277	4129945	5.067	11.069	11.066	4.157	1.08E-03
600287	4129945	5.377	11.239	11.208	4.350	1.15E-03
600297	4129945	5.721	11.401	11.355	4.558	1.22E-03
600307	4129945	6.097	11.553	11.508	4.774	1.30E-03
600317	4129945	6.510	11.689	11.658	4.999	1.39E-03
600327	4129945	6.971	11.794	11.783	5.237	1.49E-03
600337	4129945	7.484	11.870	11.881	5.489	1.60E-03
600347	4129945	8.059	11.918	11.952	5.753	1.72E-03
600357	4129945	8.696	11.952	12.010	6.021	1.86E-03
600367	4129945	9.415	11.970	12.050	6.299	2.01E-03
600377	4129945	10.245	11.974	12.071	6.606	2.19E-03
600387	4129945	11.188	11.982	12.095	6.926	2.39E-03
600397	4129945	12.279	11.997	12.123	7.282	2.62E-03
600407	4129945	13.543	12.029	12.168	7.686	2.89E-03
600417	4129945	15.036	12.086	12.235	8.182	3.21E-03
600427	4129945	16.831	12.177	12.335	8.860	3.60E-03
600437	4129945	19.026	12.314	12.480	9.881	4.07E-03
600447	4129945	21.786	12.511	12.687	11.583	4.66E-03
600457	4129945	25.398	12.783	12.972	14.645	5.43E-03
600467	4129945	30.386	13.156	13.361	20.221	6.49E-03

600477	4129945	37.561	13.654	13.884	29.575	8.03E-03
600487	4129945	48.098	14.297	14.564	43.186	1.03E-02
600497	4129945	64.363	15.149	15.473	60.892	1.38E-02
600507	4129945	89.714	16.354	16.765	80.566	1.92E-02
600597	4129945	206.362	46.451	52.211	94.323	4.41E-02
600607	4129945	196.486	50.985	58.016	87.526	4.20E-02
600617	4129945	173.747	59.316	67.639	80.698	3.71E-02
600627	4129945	149.141	59.968	67.207	74.076	3.19E-02
600637	4129945	127.089	49.840	54.346	67.827	2.72E-02
600647	4129945	108.793	43.084	46.122	62.076	2.33E-02
600657	4129945	93.682	38.028	40.097	56.783	2.00E-02
600667	4129945	81.352	34.170	35.634	51.978	1.74E-02
600677	4129945	71.304	31.137	32.212	47.660	1.52E-02
600687	4129945	62.912	28.617	29.418	43.745	1.34E-02
600697	4129945	55.995	26.515	27.150	40.263	1.20E-02
600707	4129945	49.991	24.676	25.171	37.072	1.07E-02
600717	4129945	44.920	23.074	23.484	34.217	9.60E-03
600727	4129945	40.577	21.653	22.008	31.647	8.67E-03
600737	4129945	36.809	20.377	20.695	29.324	7.87E-03
600747	4129945	33.560	19.223	19.518	27.234	7.17E-03
600757	4129945	30.735	18.173	18.447	25.355	6.57E-03
600767	4129945	28.234	17.215	17.466	23.643	6.03E-03
600777	4129945	26.001	16.341	16.570	22.079	5.56E-03
600787	4129945	24.041	15.539	15.743	20.661	5.14E-03
600797	4129945	22.297	14.804	14.981	19.371	4.77E-03
600807	4129945	20.721	14.135	14.288	18.187	4.43E-03
600817	4129945	19.313	13.521	13.652	17.111	4.13E-03
600827	4129945	18.029	12.962	13.076	16.111	3.85E-03
600837	4129945	16.878	12.445	12.544	15.196	3.61E-03
600847	4129945	15.818	11.969	12.060	14.344	3.38E-03
600857	4129945	14.857	11.525	11.610	13.566	3.18E-03
600867	4129945	13.996	11.107	11.189	12.858	2.99E-03
600877	4129945	13.193	10.715	10.797	12.188	2.82E-03
600887	4129945	12.458	10.343	10.428	11.566	2.66E-03
600897	4129945	11.795	9.990	10.078	11.000	2.52E-03
600907	4129945	11.178	9.653	9.746	10.474	2.39E-03
600917	4129945	10.606	9.332	9.429	9.981	2.27E-03
600167	4129955	3.134	7.896	8.032	2.849	6.70E-04
600177	4129955	3.280	8.447	8.608	2.969	7.01E-04
600187	4129955	3.437	9.027	9.213	3.095	7.35E-04
600197	4129955	3.606	9.630	9.838	3.231	7.71E-04
600207	4129955	3.788	10.235	10.458	3.377	8.10E-04
600217	4129955	3.986	10.817	11.044	3.533	8.52E-04
600227	4129955	4.199	11.341	11.553	3.697	8.98E-04
600237	4129955	4.430	11.768	11.951	3.873	9.47E-04
600247	4129955	4.682	12.091	12.228	4.061	1.00E-03
600257	4129955	4.954	12.329	12.411	4.256	1.06E-03
600267	4129955	5.250	12.542	12.564	4.466	1.12E-03
600277	4129955	5.578	12.753	12.727	4.695	1.19E-03
600287	4129955	5.942	12.955	12.902	4.939	1.27E-03
600297	4129955	6.345	13.128	13.073	5.205	1.36E-03
600307	4129955	6.788	13.268	13.232	5.484	1.45E-03
600317	4129955	7.282	13.351	13.349	5.781	1.56E-03
600327	4129955	7.829	13.393	13.429	6.095	1.67E-03
600337	4129955	8.448	13.381	13.453	6.432	1.81E-03

600347	4129955	9.141	13.342	13.444	6.782	1.95E-03
600357	4129955	9.926	13.279	13.406	7.154	2.12E-03
600367	4129955	10.812	13.207	13.355	7.537	2.31E-03
600377	4129955	11.842	13.125	13.285	7.950	2.53E-03
600387	4129955	13.043	13.046	13.215	8.394	2.79E-03
600397	4129955	14.426	12.989	13.166	8.848	3.08E-03
600407	4129955	16.037	12.957	13.141	9.331	3.43E-03
600417	4129955	17.963	12.956	13.144	9.890	3.84E-03
600427	4129955	20.297	12.995	13.188	10.585	4.34E-03
600437	4129955	23.167	13.086	13.284	11.555	4.95E-03
600447	4129955	26.771	13.242	13.446	13.111	5.72E-03
600457	4129955	31.453	13.479	13.691	15.969	6.72E-03
600467	4129955	37.889	13.815	14.041	21.724	8.10E-03
600477	4129955	47.137	14.268	14.513	32.721	1.01E-02
600487	4129955	61.095	14.844	15.118	50.721	1.31E-02
600497	4129955	83.778	15.637	15.957	77.098	1.79E-02
600607	4129955	195.217	48.201	54.092	97.510	4.17E-02
600617	4129955	176.141	48.482	54.334	88.021	3.76E-02
600627	4129955	149.318	60.908	69.611	79.337	3.19E-02
600637	4129955	125.067	63.304	71.286	71.513	2.67E-02
600647	4129955	105.448	52.285	57.200	64.516	2.25E-02
600657	4129955	89.986	44.860	48.088	58.330	1.92E-02
600667	4129955	77.638	39.467	41.654	52.855	1.66E-02
600677	4129955	67.736	35.403	36.961	48.044	1.45E-02
600687	4129955	59.586	32.153	33.282	43.789	1.27E-02
600697	4129955	52.886	29.511	30.364	40.050	1.13E-02
600707	4129955	47.211	27.263	27.916	36.712	1.01E-02
600717	4129955	42.393	25.327	25.844	33.744	9.06E-03
600727	4129955	38.231	23.629	24.046	31.069	8.17E-03
600737	4129955	34.667	22.126	22.479	28.699	7.41E-03
600747	4129955	31.599	20.776	21.089	26.579	6.75E-03
600757	4129955	28.910	19.555	19.838	24.667	6.18E-03
600767	4129955	26.554	18.445	18.705	22.948	5.68E-03
600777	4129955	24.474	17.438	17.674	21.398	5.23E-03
600787	4129955	22.636	16.524	16.733	19.999	4.84E-03
600797	4129955	20.998	15.695	15.878	18.726	4.49E-03
600807	4129955	19.526	14.945	15.102	17.558	4.17E-03
600817	4129955	18.196	14.267	14.401	16.497	3.89E-03
600827	4129955	16.992	13.649	13.765	15.518	3.63E-03
600837	4129955	15.923	13.077	13.179	14.632	3.40E-03
600847	4129955	14.929	12.552	12.648	13.805	3.19E-03
600857	4129955	14.046	12.060	12.152	13.060	3.00E-03
600867	4129955	13.230	11.599	11.692	12.368	2.83E-03
600877	4129955	12.476	11.166	11.261	11.716	2.67E-03
600887	4129955	11.790	10.754	10.854	11.116	2.52E-03
600897	4129955	11.169	10.364	10.469	10.575	2.39E-03
600907	4129955	10.596	9.993	10.103	10.073	2.26E-03
600917	4129955	10.069	9.640	9.755	9.605	2.15E-03
600167	4129965	3.354	8.707	8.885	3.092	7.17E-04
600177	4129965	3.517	9.406	9.618	3.229	7.52E-04
600187	4129965	3.692	10.161	10.409	3.378	7.89E-04
600197	4129965	3.880	10.962	11.242	3.538	8.29E-04
600207	4129965	4.085	11.785	12.087	3.709	8.73E-04
600217	4129965	4.307	12.578	12.888	3.890	9.21E-04
600227	4129965	4.548	13.281	13.575	4.088	9.72E-04



600237	4129965	4.810	13.827	14.082	4.299	1.03E-03
600247	4129965	5.092	14.203	14.394	4.522	1.09E-03
600257	4129965	5.400	14.491	14.598	4.760	1.15E-03
600267	4129965	5.742	14.765	14.793	5.022	1.23E-03
600277	4129965	6.123	15.028	15.009	5.311	1.31E-03
600287	4129965	6.545	15.247	15.216	5.622	1.40E-03
600297	4129965	7.011	15.392	15.377	5.958	1.50E-03
600307	4129965	7.530	15.443	15.463	6.320	1.61E-03
600317	4129965	8.105	15.419	15.484	6.708	1.73E-03
600327	4129965	8.754	15.311	15.425	7.129	1.87E-03
600337	4129965	9.487	15.151	15.306	7.584	2.03E-03
600347	4129965	10.311	14.970	15.160	8.066	2.20E-03
600357	4129965	11.256	14.767	14.978	8.586	2.41E-03
600367	4129965	12.340	14.562	14.786	9.146	2.64E-03
600377	4129965	13.602	14.363	14.591	9.741	2.91E-03
600387	4129965	15.094	14.176	14.401	10.398	3.23E-03
600397	4129965	16.820	14.028	14.254	11.060	3.60E-03
600407	4129965	18.845	13.919	14.146	11.734	4.03E-03
600417	4129965	21.272	13.848	14.074	12.447	4.55E-03
600427	4129965	24.260	13.824	14.049	13.266	5.19E-03
600437	4129965	27.947	13.860	14.084	14.267	5.97E-03
600447	4129965	32.579	13.965	14.192	15.684	6.96E-03
600457	4129965	38.546	14.153	14.384	18.163	8.24E-03
600467	4129965	46.649	14.439	14.680	23.481	9.97E-03
600477	4129965	58.162	14.823	15.078	35.307	1.24E-02
600487	4129965	76.620	15.341	15.617	59.618	1.64E-02
600497	4129965	105.489	16.059	16.372	100.910	2.25E-02
600617	4129965	159.640	48.324	53.939	93.172	3.41E-02
600627	4129965	136.307	54.816	62.673	82.549	2.91E-02
600637	4129965	114.820	65.494	75.505	73.381	2.45E-02
600647	4129965	96.867	66.347	74.883	65.363	2.07E-02
600657	4129965	82.687	54.463	59.676	58.476	1.77E-02
600667	4129965	71.485	46.601	50.054	52.577	1.53E-02
600677	4129965	62.513	40.999	43.402	47.505	1.34E-02
600687	4129965	55.022	36.613	38.299	43.040	1.18E-02
600697	4129965	48.790	33.139	34.349	39.138	1.04E-02
600707	4129965	43.598	30.320	31.215	35.736	9.32E-03
600717	4129965	39.168	27.939	28.611	32.716	8.37E-03
600727	4129965	35.396	25.898	26.422	30.063	7.57E-03
600737	4129965	32.161	24.113	24.535	27.711	6.87E-03
600747	4129965	29.326	22.522	22.870	25.609	6.27E-03
600757	4129965	26.859	21.095	21.393	23.728	5.74E-03
600767	4129965	24.699	19.807	20.071	22.045	5.28E-03
600777	4129965	22.793	18.645	18.882	20.535	4.87E-03
600787	4129965	21.100	17.601	17.812	19.171	4.51E-03
600797	4129965	19.606	16.661	16.844	17.943	4.19E-03
600807	4129965	18.269	15.816	15.971	16.835	3.91E-03
600817	4129965	17.033	15.066	15.202	15.800	3.64E-03
600827	4129965	15.921	14.382	14.502	14.856	3.40E-03
600837	4129965	14.916	13.752	13.863	13.989	3.19E-03
600847	4129965	14.018	13.166	13.272	13.208	3.00E-03
600857	4129965	13.195	12.620	12.726	12.495	2.82E-03
600867	4129965	12.434	12.109	12.218	11.827	2.66E-03
600877	4129965	11.741	11.626	11.740	11.207	2.51E-03
600887	4129965	11.108	11.168	11.288	10.636	2.37E-03

600897	4129965	10.529	10.736	10.861	10.112	2.25E-03
600907	4129965	10.001	10.326	10.456	9.638	2.14E-03
600917	4129965	9.514	9.937	10.072	9.196	2.03E-03
600167	4129975	3.584	9.672	9.902	3.353	7.66E-04
600177	4129975	3.763	10.566	10.845	3.513	8.04E-04
600187	4129975	3.957	11.565	11.895	3.684	8.46E-04
600197	4129975	4.167	12.675	13.052	3.871	8.91E-04
600207	4129975	4.394	13.832	14.251	4.071	9.39E-04
600217	4129975	4.642	14.976	15.418	4.287	9.92E-04
600227	4129975	4.913	15.982	16.424	4.519	1.05E-03
600237	4129975	5.203	16.713	17.113	4.768	1.11E-03
600247	4129975	5.520	17.193	17.499	5.035	1.18E-03
600257	4129975	5.870	17.575	17.770	5.328	1.25E-03
600267	4129975	6.261	17.948	18.063	5.652	1.34E-03
600277	4129975	6.696	18.243	18.327	6.010	1.43E-03
600287	4129975	7.175	18.396	18.481	6.398	1.53E-03
600297	4129975	7.707	18.379	18.489	6.819	1.65E-03
600307	4129975	8.305	18.199	18.349	7.287	1.78E-03
600317	4129975	8.969	17.934	18.120	7.791	1.92E-03
600327	4129975	9.725	17.573	17.799	8.355	2.08E-03
600337	4129975	10.584	17.174	17.432	8.972	2.26E-03
600347	4129975	11.560	16.772	17.053	9.650	2.47E-03
600357	4129975	12.672	16.389	16.685	10.384	2.71E-03
600367	4129975	13.967	16.017	16.316	11.201	2.99E-03
600377	4129975	15.495	15.668	15.958	12.116	3.31E-03
600387	4129975	17.279	15.364	15.645	13.101	3.69E-03
600397	4129975	19.389	15.108	15.379	14.151	4.14E-03
600407	4129975	21.919	14.900	15.162	15.278	4.69E-03
600417	4129975	24.925	14.753	15.009	16.389	5.33E-03
600427	4129975	28.664	14.658	14.908	17.598	6.13E-03
600437	4129975	33.311	14.630	14.875	18.870	7.12E-03
600447	4129975	39.174	14.676	14.920	20.331	8.37E-03
600457	4129975	46.716	14.806	15.051	22.428	9.99E-03
600467	4129975	56.608	15.027	15.278	26.556	1.21E-02
600477	4129975	70.678	15.336	15.596	37.385	1.51E-02
600487	4129975	93.901	15.792	16.067	68.291	2.01E-02
600607	4129975	162.198	52.216	57.347	109.379	3.47E-02
600617	4129975	137.718	65.855	74.699	94.948	2.94E-02
600627	4129975	117.226	48.582	54.030	82.939	2.51E-02
600637	4129975	99.825	50.445	56.450	72.900	2.13E-02
600647	4129975	85.350	51.815	58.062	64.415	1.82E-02
600657	4129975	73.523	69.957	79.522	57.217	1.57E-02
600667	4129975	63.818	56.955	62.689	51.072	1.36E-02
600677	4129975	56.080	48.579	52.426	45.920	1.20E-02
600687	4129975	49.579	42.426	45.031	41.442	1.06E-02
600697	4129975	44.121	37.750	39.560	37.563	9.43E-03
600707	4129975	39.404	33.985	35.237	34.125	8.42E-03
600717	4129975	35.555	31.044	31.966	31.216	7.60E-03
600727	4129975	32.263	28.563	29.259	28.657	6.90E-03
600737	4129975	29.365	26.401	26.930	26.369	6.28E-03
600747	4129975	26.863	24.510	24.923	24.358	5.74E-03
600757	4129975	24.671	22.828	23.160	22.567	5.27E-03
600767	4129975	22.735	21.325	21.601	20.956	4.86E-03
600777	4129975	21.027	19.983	20.219	19.518	4.49E-03
600787	4129975	19.506	18.788	18.995	18.217	4.17E-03

600797	4129975	18.148	17.728	17.908	17.047	3.88E-03
600807	4129975	16.925	16.786	16.945	15.986	3.62E-03
600817	4129975	15.812	15.943	16.087	15.008	3.38E-03
600827	4129975	14.798	15.178	15.313	14.104	3.16E-03
600837	4129975	13.902	14.469	14.596	13.299	2.97E-03
600847	4129975	13.082	13.814	13.939	12.563	2.80E-03
600857	4129975	12.319	13.202	13.331	11.877	2.63E-03
600867	4129975	11.636	12.628	12.761	11.254	2.49E-03
600877	4129975	11.006	12.088	12.226	10.671	2.35E-03
600887	4129975	10.425	11.578	11.722	10.131	2.23E-03
600897	4129975	9.894	11.097	11.246	9.639	2.11E-03
600907	4129975	9.405	10.643	10.797	9.186	2.01E-03
600917	4129975	8.952	10.214	10.371	8.763	1.91E-03
600167	4129985	3.822	10.831	11.124	3.634	8.17E-04
600177	4129985	4.018	11.999	12.360	3.815	8.59E-04
600187	4129985	4.231	13.346	13.783	4.012	9.04E-04
600197	4129985	4.463	14.914	15.428	4.227	9.54E-04
600207	4129985	4.715	16.629	17.224	4.458	1.01E-03
600217	4129985	4.989	18.394	19.074	4.710	1.07E-03
600227	4129985	5.286	19.966	20.712	4.983	1.13E-03
600237	4129985	5.607	21.081	21.798	5.273	1.20E-03
600247	4129985	5.964	21.806	22.413	5.597	1.27E-03
600257	4129985	6.359	22.396	22.880	5.954	1.36E-03
600267	4129985	6.800	22.838	23.266	6.350	1.45E-03
600277	4129985	7.285	22.946	23.336	6.783	1.56E-03
600287	4129985	7.822	22.721	23.086	7.259	1.67E-03
600297	4129985	8.426	22.227	22.592	7.793	1.80E-03
600307	4129985	9.103	21.585	21.951	8.383	1.95E-03
600317	4129985	9.865	20.871	21.239	9.041	2.11E-03
600327	4129985	10.730	20.133	20.505	9.780	2.29E-03
600337	4129985	11.715	19.416	19.789	10.608	2.50E-03
600347	4129985	12.847	18.729	19.102	11.545	2.75E-03
600357	4129985	14.147	18.106	18.475	12.593	3.02E-03
600367	4129985	15.653	17.545	17.907	13.766	3.35E-03
600377	4129985	17.436	17.033	17.378	15.126	3.73E-03
600387	4129985	19.544	16.588	16.915	16.663	4.18E-03
600397	4129985	22.058	16.211	16.519	18.389	4.71E-03
600407	4129985	25.080	15.904	16.196	20.297	5.36E-03
600417	4129985	28.794	15.661	15.938	22.431	6.15E-03
600427	4129985	33.353	15.491	15.759	24.664	7.13E-03
600437	4129985	39.081	15.394	15.653	26.967	8.35E-03
600447	4129985	46.390	15.374	15.629	29.243	9.92E-03
600457	4129985	55.802	15.439	15.693	31.472	1.19E-02
600467	4129985	67.764	15.576	15.833	34.070	1.45E-02
600477	4129985	84.031	15.838	16.100	41.582	1.80E-02
600597	4129985	165.708	37.269	39.524	127.643	3.54E-02
600607	4129985	138.358	43.267	46.456	108.148	2.96E-02
600617	4129985	116.323	51.594	56.462	92.627	2.49E-02
600627	4129985	98.701	64.011	72.154	80.110	2.11E-02
600637	4129985	84.305	48.942	54.261	69.764	1.80E-02
600647	4129985	73.066	40.646	44.275	61.456	1.56E-02
600657	4129985	63.551	50.456	56.171	54.366	1.36E-02
600667	4129985	55.686	73.512	84.125	48.398	1.19E-02
600677	4129985	49.133	59.491	65.805	43.324	1.05E-02
600687	4129985	43.753	50.386	54.543	39.059	9.35E-03

600697	4129985	39.167	43.810	46.604	35.363	8.37E-03
600707	4129985	35.195	38.776	40.670	32.122	7.52E-03
600717	4129985	31.901	34.942	36.301	29.368	6.82E-03
600727	4129985	29.014	31.772	32.743	26.926	6.20E-03
600737	4129985	26.498	29.102	29.802	24.776	5.66E-03
600747	4129985	24.341	26.816	27.340	22.900	5.20E-03
600757	4129985	22.438	24.805	25.203	21.226	4.80E-03
600767	4129985	20.746	23.033	23.340	19.724	4.43E-03
600777	4129985	19.249	21.472	21.718	18.384	4.11E-03
600787	4129985	17.900	20.109	20.313	17.173	3.83E-03
600797	4129985	16.680	18.915	19.094	16.065	3.57E-03
600807	4129985	15.586	17.853	18.018	15.063	3.33E-03
600817	4129985	14.583	16.904	17.063	14.141	3.12E-03
600827	4129985	13.700	16.031	16.184	13.325	2.93E-03
600837	4129985	12.889	15.230	15.383	12.573	2.75E-03
600847	4129985	12.148	14.487	14.642	11.880	2.60E-03
600857	4129985	11.464	13.794	13.954	11.236	2.45E-03
600867	4129985	10.839	13.145	13.310	10.644	2.32E-03
600877	4129985	10.273	12.539	12.708	10.106	2.20E-03
600887	4129985	9.754	11.971	12.144	9.615	2.08E-03
600897	4129985	9.269	11.437	11.613	9.152	1.98E-03
600907	4129985	8.820	10.936	11.113	8.721	1.89E-03
600917	4129985	8.405	10.465	10.643	8.321	1.80E-03
600167	4129995	4.066	12.261	12.628	3.934	8.69E-04
600177	4129995	4.281	13.798	14.260	4.140	9.15E-04
600187	4129995	4.513	15.654	16.230	4.364	9.65E-04
600197	4129995	4.767	17.900	18.612	4.610	1.02E-03
600207	4129995	5.043	20.560	21.460	4.879	1.08E-03
600217	4129995	5.342	23.507	24.676	5.167	1.14E-03
600227	4129995	5.666	26.389	27.838	5.478	1.21E-03
600237	4129995	6.023	28.612	30.201	5.823	1.29E-03
600247	4129995	6.419	30.019	31.548	6.209	1.37E-03
600257	4129995	6.859	30.848	32.283	6.637	1.47E-03
600267	4129995	7.346	30.691	31.977	7.112	1.57E-03
600277	4129995	7.880	29.747	30.802	7.628	1.68E-03
600287	4129995	8.483	28.420	29.330	8.216	1.81E-03
600297	4129995	9.156	26.969	27.750	8.871	1.96E-03
600307	4129995	9.909	25.550	26.221	9.602	2.12E-03
600317	4129995	10.768	24.188	24.789	10.440	2.30E-03
600327	4129995	11.740	22.946	23.488	11.388	2.51E-03
600337	4129995	12.854	21.815	22.312	12.477	2.75E-03
600347	4129995	14.135	20.800	21.261	13.728	3.02E-03
600357	4129995	15.609	19.916	20.349	15.157	3.34E-03
600367	4129995	17.333	19.127	19.536	16.828	3.70E-03
600377	4129995	19.357	18.442	18.828	18.776	4.14E-03
600387	4129995	21.786	17.838	18.196	21.114	4.66E-03
600397	4129995	24.685	17.334	17.668	23.847	5.28E-03
600407	4129995	28.201	16.916	17.229	27.090	6.03E-03
600417	4129995	32.528	16.580	16.875	30.932	6.95E-03
600427	4129995	37.968	16.324	16.602	35.530	8.12E-03
600437	4129995	44.833	16.153	16.420	40.726	9.58E-03
600447	4129995	53.673	16.063	16.324	46.352	1.15E-02
600457	4129995	65.113	16.049	16.308	51.573	1.39E-02
600467	4129995	80.111	16.130	16.388	55.816	1.71E-02
600477	4129995	96.848	16.324	16.586	58.383	2.07E-02

600597	4129995	139.309	32.995	34.606	120.051	2.98E-02
600607	4129995	114.874	37.347	39.508	100.977	2.46E-02
600617	4129995	96.157	43.026	46.051	86.034	2.06E-02
600627	4129995	81.792	50.874	55.450	74.189	1.75E-02
600637	4129995	70.533	62.372	69.925	64.589	1.51E-02
600647	4129995	61.298	48.334	53.312	56.623	1.31E-02
600657	4129995	53.857	51.448	57.335	50.111	1.15E-02
600667	4129995	47.685	54.633	61.499	44.661	1.02E-02
600677	4129995	42.462	77.484	89.372	40.021	9.08E-03
600687	4129995	38.054	62.222	69.243	36.079	8.13E-03
600697	4129995	34.215	52.071	56.470	32.640	7.31E-03
600707	4129995	30.994	45.089	48.018	29.715	6.62E-03
600717	4129995	28.227	39.875	41.888	27.178	6.03E-03
600727	4129995	25.804	35.747	37.146	24.948	5.52E-03
600737	4129995	23.693	32.383	33.362	22.991	5.06E-03
600747	4129995	21.862	29.551	30.253	21.278	4.67E-03
600757	4129995	20.242	27.103	27.610	19.760	4.33E-03
600767	4129995	18.781	24.991	25.356	18.390	4.01E-03
600777	4129995	17.479	23.174	23.446	17.159	3.74E-03
600787	4129995	16.289	21.621	21.832	16.026	3.48E-03
600797	4129995	15.236	20.252	20.437	15.018	3.26E-03
600807	4129995	14.270	19.040	19.220	14.096	3.05E-03
600817	4129995	13.403	17.943	18.127	13.263	2.86E-03
600827	4129995	12.622	16.939	17.127	12.513	2.70E-03
600837	4129995	11.899	16.020	16.213	11.816	2.54E-03
600847	4129995	11.239	15.169	15.365	11.176	2.40E-03
600857	4129995	10.631	14.379	14.579	10.584	2.27E-03
600867	4129995	10.070	13.645	13.847	10.037	2.15E-03
600877	4129995	9.562	12.964	13.168	9.540	2.04E-03
600887	4129995	9.094	12.332	12.535	9.082	1.94E-03
600897	4129995	8.659	11.743	11.946	8.654	1.85E-03
600907	4129995	8.252	11.193	11.394	8.254	1.76E-03
600917	4129995	7.876	10.681	10.879	7.882	1.68E-03
600167	4130005	4.315	14.012	14.468	4.251	9.22E-04
600177	4130005	4.547	16.084	16.673	4.485	9.72E-04
600187	4130005	4.799	18.671	19.436	4.739	1.03E-03
600197	4130005	5.074	21.965	22.988	5.015	1.08E-03
600207	4130005	5.373	26.198	27.668	5.319	1.15E-03
600217	4130005	5.697	31.602	33.832	5.649	1.22E-03
600227	4130005	6.051	38.363	41.759	6.011	1.29E-03
600237	4130005	6.443	45.083	49.718	6.414	1.38E-03
600247	4130005	6.877	48.227	53.096	6.861	1.47E-03
600257	4130005	7.359	46.626	50.779	7.362	1.57E-03
600267	4130005	7.888	42.808	45.912	7.913	1.69E-03
600277	4130005	8.477	38.923	41.202	8.532	1.81E-03
600287	4130005	9.136	35.473	37.193	9.233	1.95E-03
600297	4130005	9.875	32.505	33.830	10.023	2.11E-03
600307	4130005	10.708	29.971	31.027	10.921	2.29E-03
600317	4130005	11.654	27.798	28.669	11.954	2.49E-03
600327	4130005	12.726	25.951	26.676	13.136	2.72E-03
600337	4130005	13.956	24.354	24.976	14.513	2.98E-03
600347	4130005	15.371	22.979	23.523	16.119	3.29E-03
600357	4130005	17.012	21.790	22.276	18.011	3.64E-03
600367	4130005	18.926	20.766	21.208	20.256	4.05E-03
600377	4130005	21.179	19.883	20.294	22.948	4.53E-03

600387	4130005	23.875	19.120	19.499	26.260	5.10E-03
600397	4130005	27.106	18.479	18.831	30.312	5.79E-03
600407	4130005	31.035	17.945	18.272	35.368	6.63E-03
600417	4130005	35.886	17.508	17.814	41.781	7.67E-03
600427	4130005	41.974	17.166	17.452	50.046	8.97E-03
600437	4130005	49.714	16.914	17.187	60.705	1.06E-02
600447	4130005	59.655	16.748	17.013	74.300	1.28E-02
600457	4130005	72.745	16.660	16.921	91.731	1.55E-02
600467	4130005	90.126	16.683	16.940	113.346	1.93E-02
600477	4130005	108.000	16.789	17.047	131.854	2.31E-02
600587	4130005	137.014	27.382	28.345	126.514	2.93E-02
600597	4130005	112.088	29.990	31.205	105.072	2.40E-02
600607	4130005	92.692	33.275	34.835	88.832	1.98E-02
600617	4130005	77.958	37.404	39.476	76.025	1.67E-02
600627	4130005	66.789	42.838	45.723	65.864	1.43E-02
600637	4130005	58.087	50.237	54.556	57.593	1.24E-02
600647	4130005	50.958	60.713	67.642	50.672	1.09E-02
600657	4130005	45.101	60.504	68.176	44.922	9.64E-03
600667	4130005	40.269	53.197	59.607	40.145	8.61E-03
600677	4130005	36.216	52.109	58.022	36.135	7.74E-03
600687	4130005	32.731	81.586	94.877	32.684	7.00E-03
600697	4130005	29.685	64.785	72.346	29.673	6.35E-03
600707	4130005	27.033	53.925	58.625	27.052	5.78E-03
600717	4130005	24.743	46.403	49.462	24.783	5.29E-03
600727	4130005	22.784	40.894	42.977	22.835	4.87E-03
600737	4130005	21.046	36.500	37.929	21.110	4.50E-03
600747	4130005	19.519	32.886	33.875	19.590	4.17E-03
600757	4130005	18.156	29.832	30.523	18.232	3.88E-03
600767	4130005	16.916	27.274	27.747	17.000	3.62E-03
600777	4130005	15.791	25.143	25.471	15.880	3.38E-03
600787	4130005	14.759	23.344	23.586	14.852	3.15E-03
600797	4130005	13.850	21.760	21.976	13.942	2.96E-03
600807	4130005	13.020	20.344	20.561	13.115	2.78E-03
600817	4130005	12.276	19.055	19.284	12.371	2.62E-03
600827	4130005	11.589	17.883	18.123	11.686	2.48E-03
600837	4130005	10.954	16.814	17.059	11.051	2.34E-03
600847	4130005	10.373	15.833	16.080	10.467	2.22E-03
600857	4130005	9.836	14.933	15.178	9.929	2.10E-03
600867	4130005	9.340	14.105	14.348	9.432	2.00E-03
600877	4130005	8.880	13.343	13.581	8.971	1.90E-03
600887	4130005	8.458	12.643	12.876	8.547	1.81E-03
600897	4130005	8.067	11.998	12.225	8.153	1.72E-03
600907	4130005	7.706	11.404	11.624	7.789	1.65E-03
600917	4130005	7.370	10.855	11.068	7.450	1.58E-03
600167	4130015	4.564	16.129	16.709	4.579	9.75E-04
600177	4130015	4.815	18.965	19.733	4.841	1.03E-03
600187	4130015	5.087	22.646	23.703	5.126	1.09E-03
600197	4130015	5.381	27.571	29.139	5.439	1.15E-03
600207	4130015	5.701	34.554	37.112	5.779	1.22E-03
600217	4130015	6.051	45.513	50.206	6.151	1.29E-03
600227	4130015	6.435	50.493	56.635	6.563	1.38E-03
600237	4130015	6.861	47.833	53.128	7.025	1.47E-03
600247	4130015	7.330	67.415	77.443	7.541	1.57E-03
600257	4130015	7.850	72.187	82.307	8.118	1.68E-03
600267	4130015	8.421	59.051	65.193	8.757	1.80E-03

600277	4130015	9.059	50.066	54.137	9.476	1.94E-03
600287	4130015	9.773	43.550	46.380	10.296	2.09E-03
600297	4130015	10.569	38.590	40.601	11.224	2.26E-03
600307	4130015	11.468	34.728	36.217	12.287	2.45E-03
600317	4130015	12.497	31.650	32.823	13.537	2.67E-03
600327	4130015	13.662	29.112	30.043	14.972	2.92E-03
600337	4130015	14.989	27.010	27.761	16.644	3.20E-03
600347	4130015	16.522	25.240	25.867	18.633	3.53E-03
600357	4130015	18.300	23.736	24.276	21.013	3.91E-03
600367	4130015	20.378	22.451	22.927	23.896	4.36E-03
600377	4130015	22.813	21.366	21.793	27.398	4.88E-03
600387	4130015	25.692	20.446	20.838	31.717	5.49E-03
600397	4130015	29.167	19.657	20.020	37.229	6.23E-03
600407	4130015	33.377	18.999	19.335	44.322	7.13E-03
600417	4130015	38.542	18.458	18.770	53.657	8.24E-03
600427	4130015	44.975	18.022	18.314	66.306	9.61E-03
600437	4130015	53.019	17.689	17.967	83.663	1.13E-02
600447	4130015	63.112	17.437	17.707	108.165	1.35E-02
600457	4130015	76.394	17.295	17.554	146.453	1.63E-02
600467	4130015	92.408	17.230	17.485	205.388	1.98E-02
600477	4130015	109.648	17.261	17.515	301.602	2.34E-02
600487	4130015	122.805	17.392	17.648	430.363	2.62E-02
600497	4130015	127.650	17.619	17.882	101.812	2.73E-02
600577	4130015	129.600	24.054	24.681	121.280	2.77E-02
600587	4130015	106.388	25.778	26.545	101.417	2.27E-02
600597	4130015	87.513	27.870	28.819	86.100	1.87E-02
600607	4130015	73.166	30.418	31.607	73.988	1.56E-02
600617	4130015	62.280	33.576	35.091	64.256	1.33E-02
600627	4130015	53.746	37.447	39.437	56.116	1.15E-02
600637	4130015	47.193	42.574	45.314	49.531	1.01E-02
600647	4130015	41.828	49.353	53.340	43.942	8.94E-03
600657	4130015	37.409	58.999	65.236	39.249	8.00E-03
600667	4130015	33.696	74.128	84.782	35.272	7.20E-03
600677	4130015	30.605	52.107	57.833	31.944	6.54E-03
600687	4130015	27.953	57.351	64.898	29.096	5.97E-03
600697	4130015	25.587	66.858	76.121	26.573	5.47E-03
600707	4130015	23.466	67.476	75.531	24.322	5.02E-03
600717	4130015	21.607	55.759	60.676	22.356	4.62E-03
600727	4130015	20.020	47.853	51.096	20.677	4.28E-03
600737	4130015	18.606	41.851	44.005	19.186	3.98E-03
600747	4130015	17.343	37.060	38.507	17.859	3.71E-03
600757	4130015	16.211	33.167	34.140	16.673	3.47E-03
600767	4130015	15.175	30.020	30.668	15.590	3.24E-03
600777	4130015	14.206	27.475	27.903	14.586	3.04E-03
600787	4130015	13.341	25.327	25.649	13.689	2.85E-03
600797	4130015	12.565	23.437	23.726	12.883	2.69E-03
600807	4130015	11.861	21.738	22.028	12.151	2.54E-03
600817	4130015	11.215	20.203	20.503	11.481	2.40E-03
600827	4130015	10.613	18.819	19.127	10.859	2.27E-03
600837	4130015	10.063	17.570	17.877	10.291	2.15E-03
600847	4130015	9.553	16.442	16.744	9.764	2.04E-03
600857	4130015	9.079	15.421	15.714	9.276	1.94E-03
600867	4130015	8.640	14.496	14.777	8.825	1.85E-03
600877	4130015	8.234	13.656	13.925	8.408	1.76E-03
600887	4130015	7.856	12.890	13.147	8.020	1.68E-03

600897	4130015	7.506	12.192	12.438	7.659	1.60E-03
600907	4130015	7.183	11.555	11.790	7.327	1.54E-03
600917	4130015	6.883	10.973	11.197	7.020	1.47E-03
600167	4130025	4.812	18.752	19.503	4.914	1.03E-03
600177	4130025	5.080	22.592	23.635	5.205	1.09E-03
600187	4130025	5.372	27.857	29.419	5.526	1.15E-03
600197	4130025	5.685	35.261	37.818	5.871	1.22E-03
600207	4130025	6.027	47.075	51.795	6.249	1.29E-03
600217	4130025	6.401	44.980	49.443	6.667	1.37E-03
600227	4130025	6.814	62.379	71.219	7.134	1.46E-03
600237	4130025	7.270	58.598	66.534	7.659	1.55E-03
600247	4130025	7.770	70.536	80.841	8.237	1.66E-03
600257	4130025	8.324	60.742	67.961	8.887	1.78E-03
600267	4130025	8.935	78.576	89.573	9.616	1.91E-03
600277	4130025	9.616	62.984	69.652	10.444	2.06E-03
600287	4130025	10.379	52.706	57.126	11.385	2.22E-03
600297	4130025	11.229	45.322	48.308	12.452	2.40E-03
600307	4130025	12.186	39.891	41.998	13.685	2.60E-03
600317	4130025	13.271	35.741	37.286	15.117	2.84E-03
600327	4130025	14.513	32.484	33.666	16.806	3.10E-03
600337	4130025	15.931	29.823	30.754	18.799	3.41E-03
600347	4130025	17.551	27.623	28.363	21.149	3.75E-03
600357	4130025	19.422	25.791	26.395	23.978	4.15E-03
600367	4130025	21.610	24.240	24.758	27.449	4.62E-03
600377	4130025	24.166	22.931	23.382	31.718	5.17E-03
600387	4130025	27.161	21.833	22.235	37.004	5.81E-03
600397	4130025	30.743	20.894	21.265	43.793	6.57E-03
600407	4130025	35.068	20.101	20.444	52.709	7.50E-03
600417	4130025	40.294	19.446	19.765	64.523	8.61E-03
600427	4130025	46.680	18.913	19.211	80.693	9.98E-03
600437	4130025	54.409	18.488	18.777	103.039	1.16E-02
600447	4130025	63.982	18.160	18.435	136.010	1.37E-02
600457	4130025	75.754	17.938	18.199	186.712	1.62E-02
600467	4130025	89.177	17.800	18.055	264.938	1.91E-02
600477	4130025	103.435	17.755	18.007	384.077	2.21E-02
600487	4130025	116.846	17.804	18.056	512.512	2.50E-02
600497	4130025	126.259	17.952	18.207	373.148	2.70E-02
600507	4130025	127.578	18.195	18.456	124.824	2.73E-02
600567	4130025	116.117	21.996	22.432	99.915	2.48E-02
600577	4130025	96.618	23.191	23.710	87.217	2.07E-02
600587	4130025	79.869	24.616	25.245	76.208	1.71E-02
600597	4130025	66.846	26.317	27.081	66.859	1.43E-02
600607	4130025	56.800	28.338	29.275	58.888	1.21E-02
600617	4130025	49.135	30.832	31.997	52.266	1.05E-02
600627	4130025	42.959	33.781	35.256	46.412	9.18E-03
600637	4130025	38.086	37.482	39.402	41.456	8.14E-03
600647	4130025	34.155	42.253	44.855	37.235	7.30E-03
600657	4130025	30.947	48.745	52.484	33.666	6.61E-03
600667	4130025	28.201	57.839	63.627	30.559	6.03E-03
600677	4130025	25.817	71.779	81.522	27.849	5.52E-03
600687	4130025	23.754	52.781	58.489	25.506	5.08E-03
600697	4130025	21.981	53.777	59.807	23.498	4.70E-03
600707	4130025	20.357	54.161	60.158	21.675	4.35E-03
600717	4130025	18.898	70.901	79.868	20.047	4.04E-03
600727	4130025	17.577	58.034	63.391	18.585	3.76E-03



600737	4130025	16.415	49.165	52.576	17.304	3.51E-03
600747	4130025	15.396	42.554	44.801	16.183	3.29E-03
600757	4130025	14.446	37.380	38.822	15.148	3.09E-03
600767	4130025	13.572	33.417	34.341	14.200	2.90E-03
600777	4130025	12.769	30.261	30.882	13.333	2.73E-03
600787	4130025	12.043	27.592	28.067	12.551	2.57E-03
600797	4130025	11.392	25.243	25.666	11.851	2.43E-03
600807	4130025	10.786	23.159	23.562	11.203	2.31E-03
600817	4130025	10.225	21.311	21.706	10.606	2.19E-03
600827	4130025	9.708	19.675	20.062	10.056	2.07E-03
600837	4130025	9.231	18.229	18.602	9.551	1.97E-03
600847	4130025	8.789	16.949	17.304	9.083	1.88E-03
600857	4130025	8.372	15.810	16.143	8.644	1.79E-03
600867	4130025	7.986	14.792	15.104	8.237	1.71E-03
600877	4130025	7.623	13.876	14.169	7.857	1.63E-03
600887	4130025	7.292	13.057	13.332	7.510	1.56E-03
600897	4130025	6.982	12.315	12.573	7.186	1.49E-03
600907	4130025	6.694	11.644	11.887	6.886	1.43E-03
600917	4130025	6.423	11.031	11.260	6.603	1.37E-03
600167	4130035	5.058	21.973	22.977	5.257	1.08E-03
600177	4130035	5.342	27.196	28.692	5.579	1.14E-03
600187	4130035	5.649	34.599	37.052	5.930	1.21E-03
600197	4130035	5.980	45.883	50.264	6.308	1.28E-03
600207	4130035	6.344	54.706	61.179	6.727	1.36E-03
600217	4130035	6.743	58.148	65.202	7.194	1.44E-03
600227	4130035	7.181	69.916	79.473	7.714	1.53E-03
600237	4130035	7.663	98.886	115.199	8.292	1.64E-03
600247	4130035	8.191	67.881	76.288	8.938	1.75E-03
600257	4130035	8.774	64.106	71.904	9.662	1.88E-03
600267	4130035	9.422	63.929	72.270	10.478	2.01E-03
600277	4130035	10.140	80.471	92.267	11.403	2.17E-03
600287	4130035	10.938	64.088	71.037	12.457	2.34E-03
600297	4130035	11.834	53.453	57.986	13.659	2.53E-03
600307	4130035	12.841	45.996	49.086	15.055	2.74E-03
600317	4130035	13.979	40.488	42.665	16.679	2.99E-03
600327	4130035	15.264	36.241	37.807	18.571	3.26E-03
600337	4130035	16.734	32.925	34.097	20.823	3.58E-03
600347	4130035	18.424	30.249	31.166	23.526	3.94E-03
600357	4130035	20.356	28.025	28.748	26.754	4.35E-03
600367	4130035	22.589	26.177	26.763	30.684	4.83E-03
600377	4130035	25.186	24.626	25.118	35.533	5.38E-03
600387	4130035	28.221	23.319	23.746	41.594	6.03E-03
600397	4130035	31.798	22.213	22.596	49.314	6.80E-03
600407	4130035	36.046	21.277	21.629	59.331	7.70E-03
600417	4130035	41.085	20.500	20.829	72.492	8.78E-03
600427	4130035	47.092	19.860	20.169	90.169	1.01E-02
600437	4130035	54.148	19.334	19.633	114.083	1.16E-02
600447	4130035	62.667	18.926	19.207	148.193	1.34E-02
600457	4130035	72.444	18.619	18.885	195.746	1.55E-02
600467	4130035	83.212	18.405	18.662	259.395	1.78E-02
600477	4130035	94.456	18.284	18.535	329.682	2.02E-02
600487	4130035	105.563	18.259	18.508	355.803	2.26E-02
600497	4130035	115.234	18.329	18.577	269.923	2.46E-02
600507	4130035	121.169	18.482	18.735	156.326	2.59E-02
600517	4130035	120.128	18.723	18.984	95.917	2.57E-02

600557	4130035	95.779	20.737	21.075	70.963	2.05E-02
600567	4130035	82.386	21.585	21.968	66.341	1.76E-02
600577	4130035	69.626	22.594	23.040	61.049	1.49E-02
600587	4130035	59.104	23.798	24.327	55.729	1.26E-02
600597	4130035	50.580	25.174	25.806	50.432	1.08E-02
600607	4130035	43.808	26.804	27.566	45.608	9.36E-03
600617	4130035	38.563	28.815	29.747	41.438	8.24E-03
600627	4130035	34.264	31.171	32.323	37.575	7.32E-03
600637	4130035	30.772	34.021	35.471	34.126	6.58E-03
600647	4130035	27.942	37.613	39.484	31.115	5.97E-03
600657	4130035	25.623	42.326	44.841	28.505	5.48E-03
600667	4130035	23.600	48.505	52.056	26.158	5.04E-03
600677	4130035	21.815	57.016	62.377	24.058	4.66E-03
600687	4130035	20.219	69.652	78.288	22.178	4.32E-03
600697	4130035	18.862	53.316	58.902	20.578	4.03E-03
600707	4130035	17.633	44.460	48.146	19.141	3.77E-03
600717	4130035	16.501	53.738	59.377	17.828	3.53E-03
600727	4130035	15.450	74.319	84.092	16.619	3.30E-03
600737	4130035	14.518	60.186	66.062	15.554	3.10E-03
600747	4130035	13.654	50.103	53.693	14.574	2.92E-03
600757	4130035	12.876	42.972	45.208	13.696	2.75E-03
600767	4130035	12.144	37.714	39.115	12.880	2.60E-03
600777	4130035	11.483	33.547	34.507	12.145	2.45E-03
600787	4130035	10.885	30.040	30.777	11.482	2.33E-03
600797	4130035	10.318	27.036	27.640	10.860	2.21E-03
600807	4130035	9.806	24.461	25.002	10.298	2.10E-03
600817	4130035	9.326	22.254	22.752	9.774	1.99E-03
600827	4130035	8.882	20.358	20.823	9.292	1.90E-03
600837	4130035	8.468	18.724	19.155	8.843	1.81E-03
600847	4130035	8.086	17.309	17.705	8.431	1.73E-03
600857	4130035	7.726	16.071	16.435	8.045	1.65E-03
600867	4130035	7.388	14.979	15.313	7.683	1.58E-03
600877	4130035	7.068	14.006	14.313	7.341	1.51E-03
600887	4130035	6.769	13.138	13.421	7.023	1.45E-03
600897	4130035	6.494	12.363	12.626	6.729	1.39E-03
600907	4130035	6.240	11.671	11.915	6.459	1.33E-03
600917	4130035	5.997	11.035	11.263	6.200	1.28E-03
600167	4130045	5.297	25.914	27.316	5.605	1.13E-03
600177	4130045	5.595	33.044	35.317	5.954	1.20E-03
600187	4130045	5.916	43.698	47.726	6.330	1.26E-03
600197	4130045	6.267	62.226	70.485	6.744	1.34E-03
600207	4130045	6.650	55.836	62.585	7.205	1.42E-03
600217	4130045	7.069	65.062	73.613	7.715	1.51E-03
600227	4130045	7.529	91.437	105.655	8.284	1.61E-03
600237	4130045	8.033	78.876	88.458	8.922	1.72E-03
600247	4130045	8.587	78.930	88.740	9.628	1.84E-03
600257	4130045	9.196	72.032	81.393	10.417	1.97E-03
600267	4130045	9.869	59.137	65.970	11.314	2.11E-03
600277	4130045	10.617	56.560	62.942	12.332	2.27E-03
600287	4130045	11.451	82.064	94.882	13.491	2.45E-03
600297	4130045	12.376	64.968	72.361	14.815	2.65E-03
600307	4130045	13.418	54.163	58.987	16.347	2.87E-03
600317	4130045	14.587	46.495	49.729	18.129	3.12E-03
600327	4130045	15.903	40.853	43.074	20.207	3.40E-03
600337	4130045	17.401	36.614	38.212	22.660	3.72E-03

600347	4130045	19.110	33.290	34.479	25.602	4.08E-03
600357	4130045	21.065	30.591	31.512	29.135	4.50E-03
600367	4130045	23.292	28.358	29.069	33.379	4.98E-03
600377	4130045	25.858	26.512	27.081	38.574	5.53E-03
600387	4130045	28.838	24.965	25.445	45.045	6.16E-03
600397	4130045	32.294	23.663	24.080	53.154	6.90E-03
600407	4130045	36.317	22.566	22.940	63.445	7.76E-03
600417	4130045	40.984	21.651	21.994	76.607	8.76E-03
600427	4130045	46.318	20.882	21.208	93.394	9.90E-03
600437	4130045	52.604	20.254	20.563	115.707	1.12E-02
600447	4130045	59.725	19.747	20.039	144.404	1.28E-02
600457	4130045	67.586	19.351	19.629	179.752	1.44E-02
600467	4130045	75.964	19.057	19.322	217.944	1.62E-02
600477	4130045	84.594	18.862	19.117	245.484	1.81E-02
600487	4130045	93.102	18.764	19.011	238.497	1.99E-02
600497	4130045	100.630	18.751	18.997	190.545	2.15E-02
600507	4130045	106.203	18.823	19.072	133.331	2.27E-02
600517	4130045	108.093	18.983	19.237	89.186	2.31E-02
600527	4130045	102.434	19.245	19.507	65.656	2.19E-02
600547	4130045	76.106	20.034	20.325	52.324	1.63E-02
600557	4130045	67.060	20.616	20.932	49.362	1.43E-02
600567	4130045	58.592	21.339	21.690	46.740	1.25E-02
600577	4130045	50.930	22.202	22.600	44.028	1.09E-02
600587	4130045	44.361	23.210	23.670	41.162	9.48E-03
600597	4130045	38.871	24.391	24.931	38.273	8.31E-03
600607	4130045	34.340	25.776	26.419	35.455	7.34E-03
600617	4130045	30.650	27.423	28.197	32.812	6.55E-03
600627	4130045	27.588	29.344	30.285	30.273	5.90E-03
600637	4130045	25.070	31.637	32.797	27.938	5.36E-03
600647	4130045	23.039	34.518	35.972	25.864	4.92E-03
600657	4130045	21.347	38.171	40.026	24.004	4.56E-03
600667	4130045	19.843	42.717	45.168	22.261	4.24E-03
600677	4130045	18.504	48.618	51.996	20.668	3.96E-03
600687	4130045	17.315	56.739	61.709	19.236	3.70E-03
600697	4130045	16.261	68.868	76.898	17.963	3.48E-03
600707	4130045	15.300	54.152	59.455	16.809	3.27E-03
600717	4130045	14.429	56.643	62.826	15.770	3.08E-03
600727	4130045	13.600	58.046	64.646	14.791	2.91E-03
600737	4130045	12.842	77.893	88.850	13.904	2.74E-03
600747	4130045	12.137	61.401	67.476	13.088	2.59E-03
600757	4130045	11.492	50.703	54.296	12.346	2.46E-03
600767	4130045	10.895	43.028	45.242	11.665	2.33E-03
600777	4130045	10.348	37.061	38.519	11.044	2.21E-03
600787	4130045	9.844	32.323	33.371	10.478	2.10E-03
600797	4130045	9.363	28.514	29.317	9.937	2.00E-03
600807	4130045	8.926	25.431	26.105	9.449	1.91E-03
600817	4130045	8.519	22.895	23.484	8.998	1.82E-03
600827	4130045	8.136	20.782	21.307	8.574	1.74E-03
600837	4130045	7.777	19.000	19.472	8.179	1.66E-03
600847	4130045	7.444	17.485	17.909	7.814	1.59E-03
600857	4130045	7.132	16.180	16.561	7.475	1.52E-03
600867	4130045	6.839	15.042	15.386	7.156	1.46E-03
600877	4130045	6.560	14.036	14.348	6.853	1.40E-03
600887	4130045	6.296	13.141	13.425	6.567	1.35E-03
600897	4130045	6.046	12.337	12.598	6.298	1.29E-03

600907	4130045	5.817	11.625	11.866	6.051	1.24E-03
600177	4130055	5.836	40.883	44.524	6.320	1.25E-03
600187	4130055	6.173	57.674	64.996	6.728	1.32E-03
600197	4130055	6.540	52.933	59.249	7.180	1.40E-03
600207	4130055	6.940	61.967	70.019	7.676	1.48E-03
600217	4130055	7.376	74.916	85.437	8.224	1.58E-03
600227	4130055	7.853	72.368	80.759	8.842	1.68E-03
600237	4130055	8.380	65.089	71.384	9.533	1.79E-03
600247	4130055	8.953	64.251	70.387	10.293	1.91E-03
600257	4130055	9.580	69.313	77.188	11.146	2.05E-03
600267	4130055	10.273	82.201	94.827	12.108	2.20E-03
600277	4130055	11.040	56.750	63.457	13.198	2.36E-03
600287	4130055	11.893	44.324	48.258	14.447	2.54E-03
600297	4130055	12.843	67.789	77.383	15.873	2.75E-03
600307	4130055	13.902	66.341	74.437	17.513	2.97E-03
600317	4130055	15.079	54.754	59.760	19.403	3.22E-03
600327	4130055	16.409	46.975	50.323	21.613	3.51E-03
600337	4130055	17.910	41.352	43.688	24.225	3.83E-03
600347	4130055	19.607	37.053	38.726	27.302	4.19E-03
600357	4130055	21.531	33.670	34.905	30.974	4.60E-03
600367	4130055	23.719	30.938	31.886	35.389	5.07E-03
600377	4130055	26.199	28.694	29.424	40.693	5.60E-03
600387	4130055	29.028	26.845	27.426	47.149	6.20E-03
600397	4130055	32.271	25.299	25.786	55.105	6.90E-03
600407	4130055	35.965	24.009	24.426	64.910	7.69E-03
600417	4130055	40.120	22.937	23.300	76.891	8.58E-03
600427	4130055	44.826	22.026	22.364	91.713	9.58E-03
600437	4130055	50.126	21.271	21.592	109.855	1.07E-02
600447	4130055	55.867	20.650	20.957	130.789	1.19E-02
600457	4130055	62.025	20.157	20.448	153.086	1.33E-02
600467	4130055	68.357	19.775	20.053	171.730	1.46E-02
600477	4130055	74.734	19.500	19.762	178.780	1.60E-02
600487	4130055	80.690	19.320	19.571	166.549	1.72E-02
600497	4130055	85.671	19.230	19.479	138.436	1.83E-02
600507	4130055	89.043	19.228	19.477	106.455	1.90E-02
600517	4130055	89.695	19.317	19.568	77.821	1.92E-02
600527	4130055	85.604	19.502	19.760	57.514	1.83E-02
600537	4130055	74.819	19.784	20.051	46.544	1.60E-02
600547	4130055	62.133	20.147	20.430	41.150	1.33E-02
600557	4130055	52.542	20.620	20.923	38.014	1.12E-02
600567	4130055	45.351	21.248	21.579	35.756	9.69E-03
600577	4130055	39.646	21.988	22.356	33.718	8.47E-03
600587	4130055	34.918	22.862	23.279	31.792	7.46E-03
600597	4130055	30.990	23.899	24.380	29.939	6.62E-03
600607	4130055	27.699	25.103	25.667	28.116	5.92E-03
600617	4130055	24.929	26.484	27.155	26.319	5.33E-03
600627	4130055	22.667	28.139	28.946	24.639	4.85E-03
600637	4130055	20.801	30.115	31.095	23.060	4.45E-03
600647	4130055	19.265	32.533	33.732	21.604	4.12E-03
600657	4130055	17.974	35.510	36.996	20.250	3.84E-03
600667	4130055	16.836	39.144	41.017	18.967	3.60E-03
600677	4130055	15.819	43.691	46.126	17.766	3.38E-03
600687	4130055	14.920	49.692	52.986	16.680	3.19E-03
600697	4130055	14.109	57.883	62.658	15.690	3.02E-03
600707	4130055	13.360	69.590	77.181	14.776	2.86E-03

600717	4130055	12.660	69.896	78.575	13.926	2.71E-03
600727	4130055	12.004	49.463	53.717	13.141	2.57E-03
600737	4130055	11.399	57.584	63.810	12.422	2.44E-03
600747	4130055	10.825	80.157	91.590	11.746	2.31E-03
600757	4130055	10.296	60.827	66.674	11.126	2.20E-03
600767	4130055	9.813	48.338	51.625	10.565	2.10E-03
600777	4130055	9.353	39.815	41.769	10.034	2.00E-03
600787	4130055	8.923	33.797	35.095	9.543	1.91E-03
600797	4130055	8.521	29.328	30.285	9.089	1.82E-03
600807	4130055	8.147	25.878	26.648	8.671	1.74E-03
600817	4130055	7.795	23.131	23.779	8.276	1.67E-03
600827	4130055	7.466	20.895	21.455	7.908	1.60E-03
600837	4130055	7.157	19.038	19.530	7.563	1.53E-03
600847	4130055	6.865	17.471	17.905	7.239	1.47E-03
600857	4130055	6.591	16.131	16.516	6.937	1.41E-03
600867	4130055	6.334	14.974	15.317	6.656	1.35E-03
600877	4130055	6.091	13.959	14.268	6.391	1.30E-03
600887	4130055	5.861	13.059	13.339	6.138	1.25E-03
600897	4130055	5.638	12.246	12.501	5.895	1.21E-03
600907	4130055	5.430	11.521	11.754	5.671	1.16E-03
600177	4130065	6.067	52.814	59.274	6.678	1.30E-03
600187	4130065	6.415	48.164	53.667	7.116	1.37E-03
600197	4130065	6.796	45.261	49.835	7.600	1.45E-03
600207	4130065	7.209	76.632	88.662	8.125	1.54E-03
600217	4130065	7.658	69.977	78.495	8.713	1.64E-03
600227	4130065	8.151	59.199	64.679	9.373	1.74E-03
600237	4130065	8.687	54.146	58.348	10.096	1.86E-03
600247	4130065	9.274	53.293	57.319	10.907	1.98E-03
600257	4130065	9.919	56.138	60.933	11.816	2.12E-03
600267	4130065	10.626	63.026	69.859	12.836	2.27E-03
600277	4130065	11.400	75.643	86.518	13.981	2.44E-03
600287	4130065	12.263	52.883	58.763	15.292	2.62E-03
600297	4130065	13.220	53.639	59.939	16.785	2.83E-03
600307	4130065	14.283	65.395	74.636	18.511	3.05E-03
600317	4130065	15.461	67.779	76.417	20.471	3.30E-03
600327	4130065	16.776	55.846	61.222	22.756	3.59E-03
600337	4130065	18.253	47.835	51.445	25.425	3.90E-03
600347	4130065	19.910	42.034	44.557	28.556	4.26E-03
600357	4130065	21.770	37.602	39.412	32.241	4.65E-03
600367	4130065	23.848	34.094	35.384	36.572	5.10E-03
600377	4130065	26.194	31.322	32.290	41.736	5.60E-03
600387	4130065	28.830	29.065	29.815	47.893	6.16E-03
600397	4130065	31.791	27.204	27.809	55.256	6.80E-03
600407	4130065	35.088	25.669	26.160	63.995	7.50E-03
600417	4130065	38.680	24.390	24.788	74.148	8.27E-03
600427	4130065	42.747	23.314	23.681	86.302	9.14E-03
600437	4130065	47.064	22.415	22.754	99.683	1.01E-02
600447	4130065	51.616	21.668	21.990	113.556	1.10E-02
600457	4130065	56.289	21.061	21.367	125.899	1.20E-02
600467	4130065	60.943	20.580	20.870	133.400	1.30E-02
600477	4130065	65.374	20.211	20.483	132.462	1.40E-02
600487	4130065	69.163	19.947	20.209	121.453	1.48E-02
600497	4130065	71.964	19.779	20.036	103.941	1.54E-02
600507	4130065	73.293	19.705	19.959	84.673	1.57E-02
600517	4130065	72.318	19.725	19.978	66.014	1.55E-02

600527	4130065	68.105	19.841	20.098	50.600	1.46E-02
600537	4130065	60.394	20.046	20.311	40.197	1.29E-02
600547	4130065	51.524	20.354	20.632	34.347	1.10E-02
600557	4130065	43.796	20.762	21.059	31.069	9.36E-03
600567	4130065	37.664	21.280	21.601	28.901	8.05E-03
600577	4130065	32.829	21.931	22.284	27.192	7.02E-03
600587	4130065	28.943	22.717	23.112	25.686	6.19E-03
600597	4130065	25.774	23.654	24.103	24.303	5.51E-03
600607	4130065	23.146	24.748	25.267	22.985	4.95E-03
600617	4130065	20.932	25.991	26.600	21.687	4.47E-03
600627	4130065	19.123	27.484	28.210	20.475	4.09E-03
600637	4130065	17.639	29.278	30.148	19.334	3.77E-03
600647	4130065	16.408	31.435	32.485	18.258	3.51E-03
600657	4130065	15.371	34.053	35.329	17.243	3.29E-03
600667	4130065	14.471	37.227	38.801	16.274	3.09E-03
600677	4130065	13.683	41.204	43.176	15.371	2.92E-03
600687	4130065	12.982	46.313	48.865	14.534	2.77E-03
600697	4130065	12.339	52.977	56.450	13.751	2.64E-03
600707	4130065	11.754	62.101	67.273	13.034	2.51E-03
600717	4130065	11.185	74.780	83.076	12.339	2.39E-03
600727	4130065	10.665	79.952	91.253	11.706	2.28E-03
600737	4130065	10.167	54.117	59.362	11.109	2.17E-03
600747	4130065	9.704	72.658	82.283	10.555	2.07E-03
600757	4130065	9.273	67.400	75.102	10.049	1.98E-03
600767	4130065	8.867	50.306	54.046	9.574	1.90E-03
600777	4130065	8.481	40.442	42.575	9.126	1.81E-03
600787	4130065	8.119	33.941	35.340	8.708	1.74E-03
600797	4130065	7.776	29.264	30.285	8.315	1.66E-03
600807	4130065	7.457	25.733	26.543	7.954	1.59E-03
600817	4130065	7.153	22.948	23.620	7.612	1.53E-03
600827	4130065	6.870	20.704	21.277	7.295	1.47E-03
600837	4130065	6.601	18.849	19.344	6.997	1.41E-03
600847	4130065	6.347	17.286	17.718	6.713	1.36E-03
600857	4130065	6.105	15.949	16.329	6.443	1.30E-03
600867	4130065	5.877	14.794	15.130	6.191	1.26E-03
600877	4130065	5.664	13.787	14.088	5.955	1.21E-03
600887	4130065	5.461	12.896	13.166	5.732	1.17E-03
600897	4130065	5.267	12.099	12.343	5.520	1.13E-03
600907	4130065	5.080	11.376	11.598	5.317	1.09E-03
600177	4130075	6.281	56.845	65.125	7.024	1.34E-03
600187	4130075	6.641	54.309	61.579	7.490	1.42E-03
600197	4130075	7.032	72.260	83.847	7.995	1.50E-03
600207	4130075	7.455	68.910	78.111	8.555	1.59E-03
600217	4130075	7.916	56.005	61.437	9.176	1.69E-03
600227	4130075	8.414	48.875	52.551	9.857	1.80E-03
600237	4130075	8.957	45.425	48.385	10.614	1.91E-03
600247	4130075	9.553	44.832	47.660	11.461	2.04E-03
600257	4130075	10.205	46.635	49.803	12.412	2.18E-03
600267	4130075	10.918	50.883	54.976	13.473	2.33E-03
600277	4130075	11.700	58.274	64.271	14.667	2.50E-03
600287	4130075	12.558	70.718	80.479	16.008	2.68E-03
600297	4130075	13.507	52.697	58.926	17.546	2.89E-03
600307	4130075	14.555	41.986	45.755	19.288	3.11E-03
600317	4130075	15.718	50.594	56.163	21.295	3.36E-03
600327	4130075	17.001	69.773	79.209	23.587	3.63E-03

600337	4130075	18.428	57.288	63.149	26.235	3.94E-03
600347	4130075	20.014	48.860	52.760	29.308	4.28E-03
600357	4130075	21.777	42.776	45.474	32.871	4.65E-03
600367	4130075	23.728	38.145	40.031	37.000	5.07E-03
600377	4130075	25.887	34.569	35.908	41.798	5.53E-03
600387	4130075	28.292	31.769	32.783	47.411	6.05E-03
600397	4130075	30.941	29.482	30.275	53.912	6.61E-03
600407	4130075	33.765	27.609	28.184	61.175	7.22E-03
600417	4130075	36.912	26.077	26.566	69.584	7.89E-03
600427	4130075	40.221	24.792	25.206	78.604	8.60E-03
600437	4130075	43.691	23.718	24.088	87.868	9.34E-03
600447	4130075	47.207	22.824	23.166	96.294	1.01E-02
600457	4130075	50.677	22.086	22.409	102.370	1.08E-02
600467	4130075	53.967	21.487	21.792	104.326	1.15E-02
600477	4130075	56.860	21.013	21.299	100.846	1.22E-02
600487	4130075	59.034	20.661	20.937	92.145	1.26E-02
600497	4130075	60.275	20.412	20.681	80.632	1.29E-02
600507	4130075	60.211	20.263	20.526	68.178	1.29E-02
600517	4130075	58.430	20.215	20.475	55.672	1.25E-02
600527	4130075	54.602	20.265	20.526	44.307	1.17E-02
600537	4130075	49.000	20.403	20.671	35.457	1.05E-02
600547	4130075	42.862	20.649	20.927	29.732	9.16E-03
600557	4130075	37.107	21.003	21.299	26.329	7.93E-03
600567	4130075	32.183	21.466	21.785	24.215	6.88E-03
600577	4130075	28.128	22.042	22.390	22.694	6.01E-03
600587	4130075	24.838	22.760	23.147	21.449	5.31E-03
600597	4130075	22.156	23.639	24.077	20.350	4.74E-03
600607	4130075	19.929	24.673	25.175	19.315	4.26E-03
600617	4130075	18.056	25.855	26.438	18.313	3.86E-03
600627	4130075	16.527	27.284	27.970	17.379	3.53E-03
600637	4130075	15.275	29.016	29.829	16.506	3.27E-03
600647	4130075	14.238	31.098	32.072	15.677	3.04E-03
600657	4130075	13.372	33.641	34.815	14.890	2.86E-03
600667	4130075	12.627	36.745	38.182	14.133	2.70E-03
600677	4130075	11.984	40.678	42.470	13.429	2.56E-03
600687	4130075	11.419	45.806	48.130	12.770	2.44E-03
600697	4130075	10.901	52.630	55.876	12.148	2.33E-03
600707	4130075	10.412	62.171	67.164	11.550	2.23E-03
600717	4130075	9.960	77.400	86.279	10.992	2.13E-03
600727	4130075	9.534	68.866	76.673	10.472	2.04E-03
600737	4130075	9.123	56.980	62.400	9.972	1.95E-03
600747	4130075	8.749	75.245	85.421	9.526	1.87E-03
600757	4130075	8.391	62.284	68.522	9.097	1.79E-03
600767	4130075	8.048	47.757	51.032	8.693	1.72E-03
600777	4130075	7.722	38.896	40.890	8.313	1.65E-03
600787	4130075	7.417	32.883	34.250	7.963	1.59E-03
600797	4130075	7.121	28.462	29.478	7.623	1.52E-03
600807	4130075	6.847	25.102	25.911	7.308	1.46E-03
600817	4130075	6.588	22.443	23.112	7.013	1.41E-03
600827	4130075	6.339	20.273	20.840	6.735	1.35E-03
600837	4130075	6.103	18.473	18.960	6.472	1.30E-03
600847	4130075	5.882	16.961	17.382	6.227	1.26E-03
600857	4130075	5.669	15.659	16.027	5.991	1.21E-03
600867	4130075	5.468	14.530	14.854	5.767	1.17E-03
600877	4130075	5.277	13.539	13.827	5.556	1.13E-03

600887	4130075	5.097	12.669	12.926	5.357	1.09E-03
600897	4130075	4.927	11.892	12.124	5.170	1.05E-03
600177	4130085	6.478	35.408	38.960	7.353	1.38E-03
600187	4130085	6.847	51.483	58.395	7.836	1.46E-03
600197	4130085	7.244	67.176	76.919	8.366	1.55E-03
600207	4130085	7.675	53.176	58.693	8.953	1.64E-03
600217	4130085	8.139	45.167	48.660	9.592	1.74E-03
600227	4130085	8.641	40.589	43.134	10.294	1.85E-03
600237	4130085	9.189	38.480	40.632	11.077	1.96E-03
600247	4130085	9.787	38.155	40.227	11.949	2.09E-03
600257	4130085	10.438	39.446	41.687	12.922	2.23E-03
600267	4130085	11.151	42.502	45.215	14.011	2.38E-03
600277	4130085	11.928	47.395	51.050	15.230	2.55E-03
600287	4130085	12.778	54.967	60.430	16.593	2.73E-03
600297	4130085	13.707	66.912	75.840	18.131	2.93E-03
600307	4130085	14.727	49.373	54.692	19.870	3.15E-03
600317	4130085	15.848	52.131	58.325	21.840	3.39E-03
600327	4130085	17.085	54.886	61.905	24.092	3.65E-03
600337	4130085	18.443	72.189	82.552	26.654	3.94E-03
600347	4130085	19.937	58.831	65.164	29.578	4.26E-03
600357	4130085	21.581	49.973	54.159	32.925	4.61E-03
600367	4130085	23.380	43.579	46.438	36.735	5.00E-03
600377	4130085	25.341	38.787	40.772	41.056	5.42E-03
600387	4130085	27.468	35.110	36.506	45.924	5.87E-03
600397	4130085	29.769	32.244	33.265	51.379	6.36E-03
600407	4130085	32.237	29.948	30.729	57.387	6.89E-03
600417	4130085	34.830	28.064	28.676	63.759	7.44E-03
600427	4130085	37.515	26.513	27.011	70.212	8.02E-03
600437	4130085	40.226	25.224	25.647	76.197	8.60E-03
600447	4130085	42.869	24.150	24.526	80.867	9.16E-03
600457	4130085	45.393	23.255	23.603	83.419	9.70E-03
600467	4130085	47.608	22.517	22.841	82.830	1.02E-02
600477	4130085	49.327	21.933	22.240	78.806	1.05E-02
600487	4130085	50.396	21.480	21.775	72.196	1.08E-02
600497	4130085	50.650	21.141	21.427	64.291	1.08E-02
600507	4130085	49.853	20.914	21.192	55.802	1.07E-02
600517	4130085	47.850	20.793	21.065	47.063	1.02E-02
600527	4130085	44.619	20.775	21.046	38.640	9.54E-03
600537	4130085	40.513	20.859	21.134	31.530	8.66E-03
600547	4130085	36.080	21.050	21.335	26.347	7.71E-03
600557	4130085	31.788	21.361	21.661	22.972	6.79E-03
600567	4130085	27.908	21.788	22.111	20.840	5.97E-03
600577	4130085	24.569	22.332	22.686	19.406	5.25E-03
600587	4130085	21.731	22.977	23.370	18.285	4.64E-03
600597	4130085	19.444	23.839	24.284	17.400	4.16E-03
600607	4130085	17.528	24.871	25.378	16.574	3.75E-03
600617	4130085	15.922	26.095	26.678	15.792	3.40E-03
600627	4130085	14.575	27.535	28.216	15.037	3.12E-03
600637	4130085	13.471	29.300	30.103	14.333	2.88E-03
600647	4130085	12.567	31.489	32.446	13.672	2.69E-03
600657	4130085	11.807	34.165	35.327	13.033	2.52E-03
600667	4130085	11.166	37.547	38.984	12.426	2.39E-03
600677	4130085	10.621	41.977	43.826	11.856	2.27E-03
600687	4130085	10.146	48.004	50.575	11.323	2.17E-03
600697	4130085	9.711	56.613	60.613	10.806	2.08E-03



600707	4130085	9.306	70.497	77.688	10.315	1.99E-03
600717	4130085	8.930	65.923	72.739	9.852	1.91E-03
600727	4130085	8.575	70.925	78.971	9.415	1.83E-03
600737	4130085	8.244	81.774	92.867	9.013	1.76E-03
600747	4130085	7.929	72.190	80.269	8.627	1.69E-03
600757	4130085	7.626	54.730	59.030	8.264	1.63E-03
600767	4130085	7.337	43.791	46.399	7.921	1.57E-03
600777	4130085	7.065	36.483	38.247	7.600	1.51E-03
600787	4130085	6.805	31.248	32.528	7.296	1.45E-03
600797	4130085	6.551	27.285	28.266	7.008	1.40E-03
600807	4130085	6.311	24.194	24.982	6.735	1.35E-03
600817	4130085	6.084	21.719	22.372	6.475	1.30E-03
600827	4130085	5.867	19.680	20.231	6.230	1.25E-03
600837	4130085	5.660	17.976	18.448	5.999	1.21E-03
600847	4130085	5.465	16.533	16.939	5.783	1.17E-03
600857	4130085	5.279	15.289	15.642	5.576	1.13E-03
600867	4130085	5.101	14.203	14.513	5.380	1.09E-03
600877	4130085	4.930	13.242	13.516	5.191	1.05E-03
600887	4130085	4.769	12.393	12.637	5.012	1.02E-03
600897	4130085	4.616	11.637	11.855	4.843	9.87E-04
600187	4130095	7.030	63.072	72.914	8.157	1.50E-03
600197	4130095	7.431	49.108	54.454	8.705	1.59E-03
600207	4130095	7.864	41.353	44.663	9.304	1.68E-03
600217	4130095	8.328	36.563	38.842	9.953	1.78E-03
600227	4130095	8.832	33.978	35.782	10.677	1.89E-03
600237	4130095	9.380	32.832	34.425	11.477	2.00E-03
600247	4130095	9.974	32.858	34.410	12.363	2.13E-03
600257	4130095	10.621	34.063	35.717	13.350	2.27E-03
600267	4130095	11.323	36.296	38.215	14.442	2.42E-03
600277	4130095	12.083	39.669	42.093	15.656	2.58E-03
600287	4130095	12.913	44.752	48.063	17.015	2.76E-03
600297	4130095	13.815	52.158	57.085	18.530	2.95E-03
600307	4130095	14.797	63.443	71.412	20.228	3.16E-03
600317	4130095	15.869	61.883	70.370	22.138	3.39E-03
600327	4130095	17.039	51.627	57.852	24.288	3.64E-03
600337	4130095	18.314	50.599	56.359	26.705	3.91E-03
600347	4130095	19.703	74.896	86.286	29.424	4.21E-03
600357	4130095	21.211	60.614	67.503	32.477	4.53E-03
600367	4130095	22.840	51.163	55.631	35.880	4.88E-03
600377	4130095	24.587	44.403	47.391	39.644	5.26E-03
600387	4130095	26.450	39.446	41.495	43.760	5.65E-03
600397	4130095	28.429	35.722	37.183	48.215	6.08E-03
600407	4130095	30.524	32.835	33.950	52.953	6.52E-03
600417	4130095	32.623	30.461	31.275	57.582	6.97E-03
600427	4130095	34.752	28.553	29.189	61.965	7.43E-03
600437	4130095	36.820	26.986	27.500	65.578	7.87E-03
600447	4130095	38.794	25.684	26.130	67.979	8.29E-03
600457	4130095	40.531	24.597	24.992	68.504	8.66E-03
600467	4130095	41.897	23.716	24.071	66.768	8.96E-03
600477	4130095	42.822	22.996	23.328	63.100	9.15E-03
600487	4130095	43.183	22.423	22.739	58.108	9.23E-03
600497	4130095	42.866	21.984	22.289	52.442	9.16E-03
600507	4130095	41.798	21.670	21.963	46.463	8.93E-03
600517	4130095	39.855	21.473	21.763	40.100	8.52E-03
600527	4130095	37.219	21.389	21.677	33.802	7.96E-03

600537	4130095	34.110	21.419	21.708	28.154	7.29E-03
600547	4130095	30.801	21.568	21.864	23.669	6.58E-03
600557	4130095	27.501	21.832	22.144	20.450	5.88E-03
600567	4130095	24.424	22.227	22.561	18.310	5.22E-03
600577	4130095	21.692	22.762	23.129	16.901	4.64E-03
600587	4130095	19.320	23.432	23.842	15.889	4.13E-03
600597	4130095	17.318	24.280	24.745	15.103	3.70E-03
600607	4130095	15.636	25.336	25.867	14.426	3.34E-03
600617	4130095	14.225	26.634	27.242	13.794	3.04E-03
600627	4130095	13.033	28.189	28.899	13.184	2.79E-03
600637	4130095	12.049	30.132	30.968	12.611	2.58E-03
600647	4130095	11.237	32.573	33.578	12.067	2.40E-03
600657	4130095	10.555	35.645	36.886	11.542	2.26E-03
600667	4130095	9.993	39.723	41.321	11.047	2.14E-03
600677	4130095	9.519	45.314	47.543	10.581	2.03E-03
600687	4130095	9.100	53.368	56.867	10.128	1.95E-03
600697	4130095	8.723	66.365	72.697	9.697	1.86E-03
600707	4130095	8.382	61.206	66.782	9.286	1.79E-03
600717	4130095	8.060	56.826	61.411	8.893	1.72E-03
600727	4130095	7.770	87.534	100.096	8.530	1.66E-03
600737	4130095	7.490	77.965	87.052	8.184	1.60E-03
600747	4130095	7.220	60.168	65.174	7.852	1.54E-03
600757	4130095	6.963	48.207	51.267	7.538	1.49E-03
600767	4130095	6.718	39.871	41.943	7.245	1.44E-03
600777	4130095	6.488	33.916	35.435	6.973	1.39E-03
600787	4130095	6.266	29.450	30.617	6.714	1.34E-03
600797	4130095	6.050	25.969	26.894	6.462	1.29E-03
600807	4130095	5.839	23.166	23.920	6.220	1.25E-03
600817	4130095	5.638	20.889	21.515	5.994	1.21E-03
600827	4130095	5.448	19.003	19.530	5.777	1.16E-03
600837	4130095	5.267	17.412	17.861	5.575	1.13E-03
600847	4130095	5.093	16.044	16.430	5.381	1.09E-03
600857	4130095	4.928	14.862	15.198	5.199	1.05E-03
600867	4130095	4.770	13.827	14.120	5.025	1.02E-03
600877	4130095	4.619	12.907	13.165	4.859	9.87E-04
600887	4130095	4.474	12.089	12.316	4.698	9.56E-04
600897	4130095	4.335	11.355	11.558	4.546	9.27E-04
600187	4130105	7.188	42.320	46.859	8.443	1.54E-03
600197	4130105	7.590	36.388	39.285	9.000	1.62E-03
600207	4130105	8.020	32.475	34.482	9.607	1.71E-03
600217	4130105	8.484	30.080	31.631	10.269	1.81E-03
600227	4130105	8.986	28.789	30.099	11.001	1.92E-03
600237	4130105	9.527	28.328	29.528	11.804	2.04E-03
600247	4130105	10.113	28.652	29.837	12.696	2.16E-03
600257	4130105	10.749	29.793	31.045	13.673	2.30E-03
600267	4130105	11.432	31.478	32.909	14.761	2.44E-03
600277	4130105	12.170	33.990	35.718	15.948	2.60E-03
600287	4130105	12.971	37.677	39.892	17.279	2.77E-03
600297	4130105	13.838	42.779	45.820	18.753	2.96E-03
600307	4130105	14.777	50.100	54.658	20.388	3.16E-03
600317	4130105	15.789	60.798	68.156	22.197	3.37E-03
600327	4130105	16.879	47.008	51.813	24.199	3.61E-03
600337	4130105	18.060	51.527	57.764	26.434	3.86E-03
600347	4130105	19.329	56.501	64.251	28.898	4.13E-03
600357	4130105	20.693	77.947	90.468	31.615	4.42E-03

600367	4130105	22.138	62.154	69.353	34.563	4.73E-03
600377	4130105	23.685	52.398	57.131	37.778	5.06E-03
600387	4130105	25.296	45.385	48.551	41.174	5.41E-03
600397	4130105	27.003	40.486	42.820	44.775	5.77E-03
600407	4130105	28.697	36.487	38.097	48.262	6.13E-03
600417	4130105	30.389	33.436	34.583	51.544	6.50E-03
600427	4130105	32.034	31.027	31.881	54.353	6.85E-03
600437	4130105	33.599	29.089	29.767	56.413	7.18E-03
600447	4130105	35.007	27.479	28.047	57.368	7.48E-03
600457	4130105	36.126	26.174	26.642	56.796	7.72E-03
600467	4130105	36.894	25.109	25.507	54.744	7.89E-03
600477	4130105	37.289	24.227	24.588	51.630	7.97E-03
600487	4130105	37.216	23.515	23.855	47.814	7.95E-03
600497	4130105	36.633	22.957	23.281	43.668	7.83E-03
600507	4130105	35.439	22.547	22.864	39.183	7.58E-03
600517	4130105	33.721	22.267	22.579	34.475	7.21E-03
600527	4130105	31.589	22.116	22.425	29.705	6.75E-03
600537	4130105	29.178	22.095	22.404	25.229	6.24E-03
600547	4130105	26.613	22.198	22.513	21.406	5.69E-03
600557	4130105	24.039	22.432	22.763	18.469	5.14E-03
600567	4130105	21.574	22.809	23.165	16.387	4.61E-03
600577	4130105	19.324	23.350	23.742	14.977	4.13E-03
600587	4130105	17.325	24.061	24.499	14.000	3.70E-03
600597	4130105	15.574	24.939	25.438	13.261	3.33E-03
600607	4130105	14.099	26.091	26.661	12.682	3.01E-03
600617	4130105	12.835	27.499	28.159	12.158	2.74E-03
600627	4130105	11.774	29.273	30.047	11.667	2.52E-03
600637	4130105	10.893	31.544	32.464	11.205	2.33E-03
600647	4130105	10.155	34.443	35.569	10.755	2.17E-03
600657	4130105	9.539	38.254	39.701	10.324	2.04E-03
600667	4130105	9.030	43.506	45.519	9.911	1.93E-03
600677	4130105	8.599	51.136	54.295	9.518	1.84E-03
600687	4130105	8.229	63.417	69.176	9.139	1.76E-03
600697	4130105	7.891	71.249	79.298	8.764	1.69E-03
600707	4130105	7.597	68.875	76.309	8.417	1.62E-03
600717	4130105	7.327	71.379	79.342	8.085	1.57E-03
600727	4130105	7.078	81.661	91.474	7.778	1.51E-03
600737	4130105	6.836	63.700	69.149	7.473	1.46E-03
600747	4130105	6.608	51.696	55.137	7.190	1.41E-03
600757	4130105	6.389	42.896	45.226	6.918	1.37E-03
600767	4130105	6.180	36.358	38.051	6.665	1.32E-03
600777	4130105	5.980	31.431	32.737	6.421	1.28E-03
600787	4130105	5.788	27.626	28.671	6.195	1.24E-03
600797	4130105	5.604	24.600	25.452	5.980	1.20E-03
600807	4130105	5.422	22.107	22.812	5.766	1.16E-03
600817	4130105	5.245	20.028	20.618	5.565	1.12E-03
600827	4130105	5.077	18.286	18.783	5.376	1.09E-03
600837	4130105	4.916	16.802	17.224	5.194	1.05E-03
600847	4130105	4.762	15.522	15.885	5.023	1.02E-03
600857	4130105	4.615	14.405	14.720	4.859	9.86E-04
600867	4130105	4.473	13.419	13.694	4.705	9.56E-04
600877	4130105	4.337	12.540	12.780	4.555	9.27E-04
600887	4130105	4.206	11.755	11.966	4.410	8.99E-04
600187	4130115	7.321	30.384	32.611	8.693	1.56E-03
600197	4130115	7.719	28.053	29.711	9.253	1.65E-03

600207	4130115	8.146	26.358	27.670	9.866	1.74E-03
600217	4130115	8.606	25.332	26.433	10.527	1.84E-03
600227	4130115	9.100	24.833	25.812	11.264	1.95E-03
600237	4130115	9.632	24.818	25.740	12.059	2.06E-03
600247	4130115	10.204	25.310	26.231	12.941	2.18E-03
600257	4130115	10.819	26.253	27.231	13.900	2.31E-03
600267	4130115	11.480	27.677	28.773	14.957	2.45E-03
600277	4130115	12.192	29.736	31.026	16.119	2.61E-03
600287	4130115	12.957	32.515	34.101	17.392	2.77E-03
600297	4130115	13.781	36.240	38.295	18.794	2.95E-03
600307	4130115	14.668	41.450	44.301	20.345	3.14E-03
600317	4130115	15.614	48.398	52.642	22.038	3.34E-03
600327	4130115	16.626	58.510	65.324	23.887	3.55E-03
600337	4130115	17.699	58.064	65.444	25.890	3.78E-03
600347	4130115	18.848	50.147	55.983	28.084	4.03E-03
600357	4130115	20.060	50.827	56.734	30.438	4.29E-03
600367	4130115	21.339	61.932	70.327	32.961	4.56E-03
600377	4130115	22.674	64.492	72.513	35.619	4.85E-03
600387	4130115	24.065	54.188	59.445	38.382	5.14E-03
600397	4130115	25.460	46.724	50.223	41.094	5.44E-03
600407	4130115	26.840	41.268	43.654	43.644	5.74E-03
600417	4130115	28.176	37.213	38.875	45.871	6.02E-03
600427	4130115	29.433	34.105	35.307	47.582	6.29E-03
600437	4130115	30.579	31.653	32.581	48.599	6.54E-03
600447	4130115	31.529	29.654	30.386	48.658	6.74E-03
600457	4130115	32.209	28.042	28.621	47.629	6.88E-03
600467	4130115	32.588	26.727	27.202	45.674	6.97E-03
600477	4130115	32.635	25.650	26.062	43.075	6.98E-03
600487	4130115	32.310	24.776	25.150	40.093	6.91E-03
600497	4130115	31.566	24.089	24.440	36.890	6.75E-03
600507	4130115	30.421	23.565	23.906	33.500	6.50E-03
600517	4130115	28.935	23.191	23.528	29.923	6.18E-03
600527	4130115	27.196	22.968	23.301	26.237	5.81E-03
600537	4130115	25.281	22.892	23.227	22.661	5.40E-03
600547	4130115	23.258	22.957	23.300	19.457	4.97E-03
600557	4130115	21.213	23.174	23.534	16.847	4.53E-03
600567	4130115	19.222	23.555	23.942	14.883	4.11E-03
600577	4130115	17.353	24.120	24.547	13.486	3.71E-03
600587	4130115	15.638	24.866	25.347	12.494	3.34E-03
600597	4130115	14.107	25.816	26.369	11.771	3.02E-03
600607	4130115	12.802	27.106	27.741	11.239	2.74E-03
600617	4130115	11.682	28.757	29.495	10.797	2.50E-03
600627	4130115	10.725	30.852	31.729	10.395	2.29E-03
600637	4130115	9.924	33.601	34.665	10.018	2.12E-03
600647	4130115	9.253	37.241	38.595	9.652	1.98E-03
600657	4130115	8.692	42.231	44.097	9.295	1.86E-03
600667	4130115	8.224	49.467	52.369	8.954	1.76E-03
600677	4130115	7.831	60.996	66.232	8.622	1.67E-03
600687	4130115	7.486	57.572	62.370	8.291	1.60E-03
600697	4130115	7.190	69.367	77.127	7.978	1.54E-03
600707	4130115	6.932	70.337	78.047	7.684	1.48E-03
600717	4130115	6.698	84.870	95.497	7.403	1.43E-03
600727	4130115	6.475	66.167	71.926	7.122	1.38E-03
600737	4130115	6.269	54.088	57.747	6.862	1.34E-03
600747	4130115	6.075	45.326	47.881	6.618	1.30E-03

600757	4130115	5.888	38.558	40.420	6.382	1.26E-03
600767	4130115	5.708	33.291	34.714	6.158	1.22E-03
600777	4130115	5.536	29.179	30.312	5.948	1.18E-03
600787	4130115	5.368	25.894	26.821	5.742	1.15E-03
600797	4130115	5.205	23.231	24.001	5.550	1.11E-03
600807	4130115	5.049	21.032	21.676	5.367	1.08E-03
600817	4130115	4.895	19.158	19.701	5.187	1.05E-03
600827	4130115	4.745	17.554	18.013	5.017	1.01E-03
600837	4130115	4.601	16.171	16.563	4.856	9.84E-04
600847	4130115	4.465	14.976	15.313	4.701	9.54E-04
600857	4130115	4.333	13.927	14.219	4.554	9.26E-04
600867	4130115	4.207	12.996	13.250	4.415	8.99E-04
600877	4130115	4.083	12.155	12.377	4.280	8.73E-04
600887	4130115	3.964	11.402	11.596	4.149	8.47E-04
600197	4130125	7.820	22.821	23.870	9.459	1.67E-03
600207	4130125	8.242	22.226	23.138	10.075	1.76E-03
600217	4130125	8.694	21.884	22.697	10.731	1.86E-03
600227	4130125	9.177	21.823	22.573	11.457	1.96E-03
600237	4130125	9.694	22.049	22.770	12.239	2.07E-03
600247	4130125	10.248	22.604	23.331	13.098	2.19E-03
600257	4130125	10.840	23.485	24.255	14.028	2.32E-03
600267	4130125	11.475	24.758	25.610	15.050	2.45E-03
600277	4130125	12.154	26.450	27.437	16.160	2.60E-03
600287	4130125	12.879	28.660	29.847	17.374	2.75E-03
600297	4130125	13.655	31.599	33.075	18.693	2.92E-03
600307	4130125	14.479	35.318	37.247	20.126	3.09E-03
600317	4130125	15.352	40.079	42.739	21.672	3.28E-03
600327	4130125	16.276	46.592	50.466	23.340	3.48E-03
600337	4130125	17.253	56.110	62.245	25.138	3.69E-03
600347	4130125	18.279	71.083	81.788	27.047	3.91E-03
600357	4130125	19.352	50.984	57.181	29.068	4.14E-03
600367	4130125	20.453	40.300	43.852	31.151	4.37E-03
600377	4130125	21.594	66.989	77.047	33.300	4.62E-03
600387	4130125	22.762	67.126	76.115	35.463	4.87E-03
600397	4130125	23.906	55.696	61.281	37.495	5.11E-03
600407	4130125	25.008	47.803	51.459	39.286	5.35E-03
600417	4130125	26.043	42.181	44.665	40.724	5.57E-03
600427	4130125	26.988	38.059	39.836	41.687	5.77E-03
600437	4130125	27.791	34.857	36.167	42.013	5.94E-03
600447	4130125	28.394	32.313	33.290	41.579	6.07E-03
600457	4130125	28.763	30.281	31.029	40.405	6.15E-03
600467	4130125	28.872	28.644	29.238	38.639	6.17E-03
600477	4130125	28.708	27.316	27.812	36.496	6.14E-03
600487	4130125	28.235	26.249	26.677	34.113	6.04E-03
600497	4130125	27.455	25.403	25.789	31.591	5.87E-03
600507	4130125	26.410	24.747	25.114	28.986	5.65E-03
600517	4130125	25.137	24.268	24.629	26.207	5.37E-03
600527	4130125	23.702	23.963	24.324	23.311	5.07E-03
600537	4130125	22.151	23.828	24.193	20.433	4.73E-03
600547	4130125	20.528	23.860	24.238	17.757	4.39E-03
600557	4130125	18.874	24.065	24.465	15.464	4.03E-03
600567	4130125	17.241	24.461	24.892	13.647	3.69E-03
600577	4130125	15.674	25.067	25.544	12.288	3.35E-03
600587	4130125	14.202	25.883	26.425	11.292	3.04E-03
600597	4130125	12.869	26.974	27.599	10.575	2.75E-03

600607	4130125	11.711	28.475	29.199	10.062	2.50E-03
600617	4130125	10.709	30.460	31.310	9.661	2.29E-03
600627	4130125	9.849	33.073	34.096	9.321	2.11E-03
600637	4130125	9.109	36.500	37.795	9.004	1.95E-03
600647	4130125	8.491	41.259	43.020	8.704	1.81E-03
600657	4130125	7.974	48.138	50.840	8.416	1.70E-03
600667	4130125	7.539	58.935	63.707	8.127	1.61E-03
600677	4130125	7.172	66.510	73.455	7.845	1.53E-03
600687	4130125	6.855	67.010	74.001	7.566	1.47E-03
600697	4130125	6.593	71.394	79.326	7.307	1.41E-03
600707	4130125	6.362	88.078	99.676	7.053	1.36E-03
600717	4130125	6.148	68.375	74.537	6.803	1.31E-03
600727	4130125	5.953	55.912	59.744	6.564	1.27E-03
600737	4130125	5.777	47.146	49.852	6.341	1.23E-03
600747	4130125	5.604	40.289	42.284	6.119	1.20E-03
600757	4130125	5.443	34.925	36.466	5.910	1.16E-03
600767	4130125	5.289	30.614	31.833	5.717	1.13E-03
600777	4130125	5.143	27.170	28.155	5.530	1.10E-03
600787	4130125	4.994	24.288	25.106	5.348	1.07E-03
600797	4130125	4.851	21.924	22.610	5.174	1.04E-03
600807	4130125	4.713	19.951	20.529	5.008	1.01E-03
600817	4130125	4.580	18.282	18.771	4.852	9.79E-04
600827	4130125	4.449	16.820	17.237	4.699	9.51E-04
600837	4130125	4.319	15.531	15.888	4.552	9.23E-04
600847	4130125	4.196	14.413	14.721	4.412	8.97E-04
600857	4130125	4.078	13.429	13.696	4.280	8.72E-04
600867	4130125	3.964	12.550	12.782	4.154	8.47E-04
600877	4130125	3.854	11.762	11.964	4.034	8.24E-04
600197	4130135	7.895	19.392	20.104	9.625	1.69E-03
600207	4130135	8.307	19.292	19.951	10.232	1.78E-03
600217	4130135	8.747	19.311	19.925	10.877	1.87E-03
600227	4130135	9.216	19.497	20.081	11.584	1.97E-03
600237	4130135	9.715	19.850	20.419	12.346	2.08E-03
600247	4130135	10.247	20.435	21.012	13.174	2.19E-03
600257	4130135	10.814	21.272	21.881	14.069	2.31E-03
600267	4130135	11.418	22.390	23.062	15.039	2.44E-03
600277	4130135	12.060	23.841	24.611	16.089	2.58E-03
600287	4130135	12.741	25.691	26.604	17.228	2.72E-03
600297	4130135	13.462	27.940	29.049	18.447	2.88E-03
600307	4130135	14.221	30.676	32.074	19.754	3.04E-03
600317	4130135	15.019	34.159	35.983	21.150	3.21E-03
600327	4130135	15.860	38.871	41.365	22.643	3.39E-03
600337	4130135	16.740	45.332	48.979	24.221	3.58E-03
600347	4130135	17.650	54.420	60.203	25.869	3.77E-03
600357	4130135	18.583	68.234	78.179	27.563	3.97E-03
600367	4130135	19.531	48.795	54.191	29.268	4.17E-03
600377	4130135	20.487	51.228	57.340	30.956	4.38E-03
600387	4130135	21.448	65.238	74.936	32.600	4.58E-03
600397	4130135	22.379	69.724	79.505	34.086	4.78E-03
600407	4130135	23.239	57.230	63.088	35.283	4.97E-03
600417	4130135	24.029	49.081	52.959	36.159	5.14E-03
600427	4130135	24.715	43.322	46.021	36.602	5.28E-03
600437	4130135	25.247	38.964	40.866	36.493	5.40E-03
600447	4130135	25.598	35.622	36.984	35.824	5.47E-03
600457	4130135	25.746	33.016	34.021	34.648	5.50E-03

600467	4130135	25.681	30.949	31.728	33.104	5.49E-03
600477	4130135	25.378	29.296	29.916	31.308	5.42E-03
600487	4130135	24.840	27.976	28.486	29.376	5.31E-03
600497	4130135	24.091	26.930	27.372	27.397	5.15E-03
600507	4130135	23.155	26.119	26.524	25.339	4.95E-03
600517	4130135	22.066	25.519	25.910	23.145	4.72E-03
600527	4130135	20.867	25.119	25.510	20.829	4.46E-03
600537	4130135	19.596	24.919	25.320	18.486	4.19E-03
600547	4130135	18.273	24.922	25.341	16.254	3.91E-03
600557	4130135	16.922	25.133	25.579	14.265	3.62E-03
600567	4130135	15.563	25.556	26.043	12.604	3.33E-03
600577	4130135	14.233	26.216	26.761	11.302	3.04E-03
600587	4130135	12.971	27.158	27.778	10.324	2.77E-03
600597	4130135	11.814	28.471	29.187	9.613	2.53E-03
600607	4130135	10.785	30.286	31.123	9.103	2.31E-03
600617	4130135	9.880	32.722	33.724	8.718	2.11E-03
600627	4130135	9.098	36.040	37.289	8.410	1.94E-03
600637	4130135	8.421	40.562	42.245	8.138	1.80E-03
600647	4130135	7.848	47.098	49.645	7.890	1.68E-03
600657	4130135	7.360	57.205	61.605	7.644	1.57E-03
600667	4130135	6.950	75.366	84.423	7.405	1.49E-03
600677	4130135	6.605	65.653	72.375	7.167	1.41E-03
600687	4130135	6.317	71.897	80.128	6.938	1.35E-03
600697	4130135	6.075	91.388	103.970	6.716	1.30E-03
600707	4130135	5.860	70.478	77.075	6.496	1.25E-03
600717	4130135	5.668	57.532	61.561	6.283	1.21E-03
600727	4130135	5.497	48.499	51.294	6.073	1.17E-03
600737	4130135	5.342	41.745	43.848	5.880	1.14E-03
600747	4130135	5.190	36.265	37.899	5.685	1.11E-03
600757	4130135	5.048	31.855	33.161	5.501	1.08E-03
600767	4130135	4.918	28.290	29.344	5.330	1.05E-03
600777	4130135	4.790	25.327	26.187	5.162	1.02E-03
600787	4130135	4.658	22.788	23.505	4.998	9.96E-04
600797	4130135	4.534	20.697	21.299	4.840	9.69E-04
600807	4130135	4.412	18.918	19.427	4.694	9.43E-04
600817	4130135	4.293	17.389	17.823	4.548	9.18E-04
600827	4130135	4.177	16.061	16.433	4.413	8.93E-04
600837	4130135	4.064	14.887	15.207	4.283	8.69E-04
600847	4130135	3.954	13.843	14.120	4.153	8.45E-04
600857	4130135	3.847	12.920	13.160	4.033	8.22E-04
600867	4130135	3.745	12.096	12.304	3.919	8.00E-04
600877	4130135	3.646	11.357	11.538	3.808	7.79E-04
600207	4130145	8.342	17.114	17.604	10.336	1.78E-03
600217	4130145	8.768	17.348	17.819	10.968	1.87E-03
600227	4130145	9.220	17.657	18.116	11.650	1.97E-03
600237	4130145	9.698	18.077	18.532	12.383	2.07E-03
600247	4130145	10.205	18.660	19.121	13.173	2.18E-03
600257	4130145	10.743	19.435	19.922	14.023	2.30E-03
600267	4130145	11.312	20.419	20.954	14.936	2.42E-03
600277	4130145	11.914	21.673	22.285	15.915	2.55E-03
600287	4130145	12.548	23.183	23.900	16.966	2.68E-03
600297	4130145	13.212	24.958	25.818	18.083	2.82E-03
600307	4130145	13.907	27.144	28.201	19.260	2.97E-03
600317	4130145	14.633	29.880	31.212	20.507	3.13E-03
600327	4130145	15.388	33.382	35.114	21.815	3.29E-03

600337	4130145	16.168	37.981	40.343	23.177	3.46E-03
600347	4130145	16.967	44.119	47.543	24.576	3.63E-03
600357	4130145	17.772	52.512	57.785	25.972	3.80E-03
600367	4130145	18.582	65.366	74.281	27.353	3.97E-03
600377	4130145	19.386	63.493	72.955	28.679	4.14E-03
600387	4130145	20.156	51.916	58.279	29.873	4.31E-03
600397	4130145	20.892	50.306	55.979	30.904	4.47E-03
600407	4130145	21.564	72.300	82.752	31.692	4.61E-03
600417	4130145	22.147	59.251	65.639	32.152	4.73E-03
600427	4130145	22.622	50.637	54.855	32.237	4.84E-03
600437	4130145	22.953	44.440	47.305	31.891	4.91E-03
600447	4130145	23.121	39.875	41.867	31.125	4.94E-03
600457	4130145	23.119	36.439	37.868	30.019	4.94E-03
600467	4130145	22.940	33.778	34.848	28.682	4.90E-03
600477	4130145	22.558	31.673	32.481	27.167	4.82E-03
600487	4130145	22.010	30.017	30.658	25.600	4.70E-03
600497	4130145	21.308	28.717	29.250	24.008	4.55E-03
600507	4130145	20.479	27.714	28.182	22.349	4.38E-03
600517	4130145	19.545	26.969	27.404	20.585	4.18E-03
600527	4130145	18.536	26.463	26.891	18.710	3.96E-03
600537	4130145	17.477	26.190	26.631	16.788	3.74E-03
600547	4130145	16.386	26.163	26.630	14.918	3.50E-03
600557	4130145	15.264	26.382	26.885	13.196	3.26E-03
600567	4130145	14.121	26.851	27.407	11.697	3.02E-03
600577	4130145	12.992	27.613	28.241	10.477	2.78E-03
600587	4130145	11.910	28.751	29.469	9.536	2.55E-03
600597	4130145	10.902	30.371	31.204	8.835	2.33E-03
600607	4130145	9.985	32.615	33.604	8.318	2.13E-03
600617	4130145	9.165	35.699	36.921	7.934	1.96E-03
600627	4130145	8.449	40.017	41.632	7.640	1.81E-03
600637	4130145	7.830	46.252	48.663	7.397	1.67E-03
600647	4130145	7.295	55.841	59.995	7.179	1.56E-03
600657	4130145	6.831	72.473	80.724	6.968	1.46E-03
600667	4130145	6.442	65.459	72.206	6.763	1.38E-03
600677	4130145	6.120	70.784	78.457	6.570	1.31E-03
600687	4130145	5.852	94.975	108.718	6.379	1.25E-03
600697	4130145	5.621	72.594	79.651	6.190	1.20E-03
600707	4130145	5.422	59.071	63.327	6.003	1.16E-03
600717	4130145	5.249	49.765	52.677	5.820	1.12E-03
600727	4130145	5.093	42.803	44.964	5.640	1.09E-03
600737	4130145	4.952	37.365	39.065	5.468	1.06E-03
600747	4130145	4.821	32.937	34.312	5.299	1.03E-03
600757	4130145	4.694	29.207	30.329	5.134	1.00E-03
600767	4130145	4.580	26.178	27.095	4.981	9.79E-04
600777	4130145	4.467	23.594	24.347	4.833	9.55E-04
600787	4130145	4.355	21.395	22.020	4.687	9.31E-04
600797	4130145	4.246	19.531	20.053	4.545	9.07E-04
600807	4130145	4.138	17.926	18.367	4.412	8.85E-04
600817	4130145	4.033	16.531	16.908	4.280	8.62E-04
600827	4130145	3.930	15.308	15.633	4.156	8.40E-04
600837	4130145	3.830	14.232	14.512	4.036	8.19E-04
600847	4130145	3.732	13.269	13.513	3.923	7.98E-04
600857	4130145	3.636	12.404	12.615	3.810	7.77E-04
600867	4130145	3.545	11.639	11.822	3.709	7.58E-04
600207	4130155	8.350	15.485	15.858	10.394	1.78E-03



600217	4130155	8.759	15.798	16.167	11.003	1.87E-03
600227	4130155	9.190	16.153	16.519	11.655	1.96E-03
600237	4130155	9.645	16.593	16.959	12.350	2.06E-03
600247	4130155	10.126	17.182	17.557	13.101	2.16E-03
600257	4130155	10.632	17.905	18.302	13.898	2.27E-03
600267	4130155	11.165	18.778	19.212	14.750	2.39E-03
600277	4130155	11.725	19.858	20.352	15.655	2.51E-03
600287	4130155	12.308	21.102	21.672	16.609	2.63E-03
600297	4130155	12.915	22.557	23.232	17.615	2.76E-03
600307	4130155	13.547	24.347	25.163	18.672	2.90E-03
600317	4130155	14.200	26.537	27.545	19.771	3.04E-03
600327	4130155	14.872	29.243	30.515	20.904	3.18E-03
600337	4130155	15.560	32.722	34.371	22.066	3.33E-03
600347	4130155	16.252	37.086	39.316	23.229	3.47E-03
600357	4130155	16.939	42.767	45.923	24.363	3.62E-03
600367	4130155	17.630	51.090	56.014	25.471	3.77E-03
600377	4130155	18.290	63.117	71.354	26.475	3.91E-03
600387	4130155	18.914	47.979	53.165	27.348	4.04E-03
600397	4130155	19.478	51.774	58.066	28.017	4.16E-03
600407	4130155	19.979	55.800	63.216	28.465	4.27E-03
600417	4130155	20.403	75.501	87.066	28.654	4.36E-03
600427	4130155	20.714	61.429	68.411	28.514	4.43E-03
600437	4130155	20.895	52.133	56.638	28.044	4.47E-03
600447	4130155	20.932	45.585	48.607	27.258	4.47E-03
600457	4130155	20.830	40.885	43.009	26.256	4.45E-03
600467	4130155	20.563	37.299	38.791	25.066	4.40E-03
600477	4130155	20.161	34.580	35.681	23.812	4.31E-03
600487	4130155	19.628	32.472	33.315	22.528	4.20E-03
600497	4130155	18.986	30.835	31.512	21.227	4.06E-03
600507	4130155	18.252	29.582	30.152	19.876	3.90E-03
600517	4130155	17.449	28.656	29.164	18.439	3.73E-03
600527	4130155	16.595	28.024	28.508	16.902	3.55E-03
600537	4130155	15.706	27.673	28.165	15.306	3.36E-03
600547	4130155	14.793	27.618	28.139	13.731	3.16E-03
600557	4130155	13.839	27.833	28.405	12.227	2.96E-03
600567	4130155	12.874	28.377	29.017	10.890	2.75E-03
600577	4130155	11.916	29.312	30.039	9.772	2.55E-03
600587	4130155	10.987	30.735	31.572	8.881	2.35E-03
600597	4130155	10.104	32.765	33.750	8.192	2.16E-03
600607	4130155	9.282	35.600	36.803	7.670	1.98E-03
600617	4130155	8.542	39.637	41.198	7.283	1.83E-03
600627	4130155	7.888	45.527	47.799	6.992	1.69E-03
600637	4130155	7.313	54.569	58.428	6.760	1.56E-03
600647	4130155	6.807	70.041	77.663	6.556	1.46E-03
600657	4130155	6.371	62.821	68.847	6.368	1.36E-03
600667	4130155	6.004	57.211	61.764	6.199	1.28E-03
600677	4130155	5.703	83.758	94.760	6.041	1.22E-03
600687	4130155	5.441	74.713	82.216	5.876	1.16E-03
600697	4130155	5.223	60.539	65.010	5.717	1.12E-03
600707	4130155	5.039	50.921	53.951	5.561	1.08E-03
600717	4130155	4.880	43.827	46.067	5.405	1.04E-03
600727	4130155	4.735	38.232	39.976	5.249	1.01E-03
600737	4130155	4.605	33.750	35.170	5.097	9.84E-04
600747	4130155	4.487	30.034	31.207	4.950	9.59E-04
600757	4130155	4.375	26.880	27.849	4.803	9.35E-04

600767	4130155	4.270	24.221	25.019	4.664	9.13E-04
600777	4130155	4.172	21.986	22.641	4.533	8.92E-04
600787	4130155	4.077	20.081	20.620	4.403	8.72E-04
600797	4130155	3.982	18.415	18.864	4.280	8.51E-04
600807	4130155	3.889	16.973	17.351	4.158	8.31E-04
600817	4130155	3.798	15.716	16.040	4.041	8.12E-04
600827	4130155	3.706	14.584	14.862	3.927	7.92E-04
600837	4130155	3.615	13.574	13.814	3.816	7.73E-04
600847	4130155	3.528	12.683	12.892	3.712	7.54E-04
600857	4130155	3.442	11.885	12.066	3.607	7.36E-04
600867	4130155	3.361	11.178	11.335	3.516	7.18E-04
600217	4130165	8.719	14.538	14.832	10.986	1.86E-03
600227	4130165	9.129	14.897	15.194	11.605	1.95E-03
600237	4130165	9.559	15.345	15.644	12.260	2.04E-03
600247	4130165	10.012	15.919	16.228	12.963	2.14E-03
600257	4130165	10.486	16.604	16.933	13.707	2.24E-03
600267	4130165	10.981	17.393	17.752	14.491	2.35E-03
600277	4130165	11.497	18.307	18.708	15.318	2.46E-03
600287	4130165	12.031	19.371	19.829	16.178	2.57E-03
600297	4130165	12.583	20.623	21.160	17.075	2.69E-03
600307	4130165	13.152	22.113	22.755	18.009	2.81E-03
600317	4130165	13.736	23.910	24.691	18.968	2.94E-03
600327	4130165	14.331	26.114	27.080	19.942	3.06E-03
600337	4130165	14.929	28.776	29.994	20.918	3.19E-03
600347	4130165	15.520	31.987	33.556	21.865	3.32E-03
600357	4130165	16.112	36.338	38.447	22.794	3.44E-03
600367	4130165	16.680	41.933	44.919	23.641	3.57E-03
600377	4130165	17.218	49.574	54.092	24.387	3.68E-03
600387	4130165	17.714	60.805	68.248	24.996	3.79E-03
600397	4130165	18.150	60.312	68.461	25.422	3.88E-03
600407	4130165	18.515	51.355	57.441	25.633	3.96E-03
600417	4130165	18.793	51.387	57.317	25.601	4.02E-03
600427	4130165	18.982	78.911	91.709	25.333	4.06E-03
600437	4130165	19.056	63.675	71.269	24.811	4.07E-03
600447	4130165	19.008	53.798	58.656	24.063	4.06E-03
600457	4130165	18.826	46.852	50.076	23.139	4.02E-03
600467	4130165	18.521	41.865	44.058	22.109	3.96E-03
600477	4130165	18.115	38.237	39.806	21.059	3.87E-03
600487	4130165	17.614	35.498	36.669	19.998	3.77E-03
600497	4130165	17.029	33.394	34.299	18.920	3.64E-03
600507	4130165	16.379	31.798	32.526	17.798	3.50E-03
600517	4130165	15.686	30.634	31.258	16.611	3.35E-03
600527	4130165	14.959	29.843	30.417	15.341	3.20E-03
600537	4130165	14.206	29.402	29.968	14.012	3.04E-03
600547	4130165	13.422	29.294	29.885	12.660	2.87E-03
600557	4130165	12.612	29.534	30.183	11.355	2.70E-03
600567	4130165	11.792	30.194	30.929	10.171	2.52E-03
600577	4130165	10.976	31.377	32.220	9.157	2.35E-03
600587	4130165	10.173	33.185	34.170	8.319	2.17E-03
600597	4130165	9.397	35.792	36.983	7.651	2.01E-03
600607	4130165	8.667	39.528	41.054	7.134	1.85E-03
600617	4130165	7.999	45.028	47.195	6.745	1.71E-03
600627	4130165	7.395	53.463	57.039	6.446	1.58E-03
600637	4130165	6.856	67.791	74.736	6.212	1.47E-03
600647	4130165	6.379	64.025	70.559	6.013	1.36E-03

600657	4130165	5.969	70.211	77.826	5.847	1.28E-03
600667	4130165	5.626	83.574	94.467	5.700	1.20E-03
600677	4130165	5.336	77.321	85.675	5.563	1.14E-03
600687	4130165	5.080	61.967	66.630	5.420	1.09E-03
600697	4130165	4.875	52.007	55.155	5.290	1.04E-03
600707	4130165	4.700	44.676	46.980	5.160	1.00E-03
600717	4130165	4.549	39.021	40.812	5.027	9.72E-04
600727	4130165	4.413	34.424	35.875	4.892	9.43E-04
600737	4130165	4.295	30.690	31.897	4.761	9.18E-04
600747	4130165	4.188	27.538	28.545	4.632	8.95E-04
600757	4130165	4.089	24.853	25.688	4.505	8.74E-04
600767	4130165	3.996	22.550	23.236	4.384	8.54E-04
600777	4130165	3.907	20.548	21.109	4.264	8.35E-04
600787	4130165	3.823	18.835	19.294	4.147	8.17E-04
600797	4130165	3.741	17.359	17.740	4.037	8.00E-04
600807	4130165	3.660	16.052	16.372	3.927	7.82E-04
600817	4130165	3.579	14.903	15.176	3.823	7.65E-04
600827	4130165	3.498	13.864	14.099	3.718	7.48E-04
600837	4130165	3.417	12.931	13.132	3.616	7.30E-04
600847	4130165	3.339	12.104	12.278	3.520	7.14E-04
600857	4130165	3.263	11.367	11.518	3.426	6.97E-04
600217	4130175	8.651	13.433	13.674	10.918	1.85E-03
600227	4130175	9.039	13.848	14.092	11.503	1.93E-03
600237	4130175	9.445	14.309	14.559	12.119	2.02E-03
600247	4130175	9.868	14.847	15.107	12.771	2.11E-03
600257	4130175	10.309	15.476	15.754	13.458	2.20E-03
600267	4130175	10.766	16.180	16.481	14.170	2.30E-03
600277	4130175	11.238	16.993	17.326	14.918	2.40E-03
600287	4130175	11.723	17.918	18.293	15.690	2.51E-03
600297	4130175	12.222	19.009	19.442	16.484	2.61E-03
600307	4130175	12.730	20.272	20.783	17.299	2.72E-03
600317	4130175	13.249	21.794	22.410	18.125	2.83E-03
600327	4130175	13.770	23.601	24.350	18.954	2.94E-03
600337	4130175	14.282	25.648	26.574	19.752	3.05E-03
600347	4130175	14.794	28.305	29.471	20.536	3.16E-03
600357	4130175	15.286	31.524	33.022	21.259	3.27E-03
600367	4130175	15.752	35.577	37.572	21.900	3.37E-03
600377	4130175	16.184	40.910	43.697	22.437	3.46E-03
600387	4130175	16.569	48.160	52.316	22.840	3.54E-03
600397	4130175	16.897	58.607	65.315	23.076	3.61E-03
600407	4130175	17.153	75.182	87.122	23.121	3.67E-03
600417	4130175	17.327	51.970	58.244	22.962	3.70E-03
600427	4130175	17.415	41.392	45.051	22.611	3.72E-03
600437	4130175	17.408	66.183	75.759	22.068	3.72E-03
600447	4130175	17.300	66.054	74.319	21.375	3.70E-03
600457	4130175	17.078	55.379	60.522	20.551	3.65E-03
600467	4130175	16.760	48.118	51.515	19.670	3.58E-03
600477	4130175	16.363	43.050	45.410	18.777	3.50E-03
600487	4130175	15.896	39.343	41.048	17.886	3.40E-03
600497	4130175	15.362	36.542	37.795	16.974	3.28E-03
600507	4130175	14.789	34.474	35.449	16.041	3.16E-03
600517	4130175	14.189	32.984	33.792	15.050	3.03E-03
600527	4130175	13.565	31.980	32.694	13.987	2.90E-03
600537	4130175	12.914	31.402	32.072	12.858	2.76E-03
600547	4130175	12.240	31.244	31.925	11.702	2.62E-03

600557	4130175	11.551	31.549	32.289	10.575	2.47E-03
600567	4130175	10.851	32.395	33.236	9.531	2.32E-03
600577	4130175	10.149	33.901	34.885	8.612	2.17E-03
600587	4130175	9.450	36.228	37.409	7.828	2.02E-03
600597	4130175	8.767	39.662	41.161	7.190	1.87E-03
600607	4130175	8.117	44.766	46.852	6.683	1.74E-03
600617	4130175	7.511	52.622	55.976	6.289	1.61E-03
600627	4130175	6.954	65.834	72.160	5.983	1.49E-03
600637	4130175	6.449	60.697	66.183	5.740	1.38E-03
600647	4130175	6.002	73.114	81.797	5.547	1.28E-03
600657	4130175	5.620	87.493	99.564	5.391	1.20E-03
600667	4130175	5.292	79.772	88.745	5.259	1.13E-03
600677	4130175	5.007	63.685	68.723	5.131	1.07E-03
600687	4130175	4.770	53.162	56.467	5.015	1.02E-03
600697	4130175	4.570	45.535	47.921	4.904	9.77E-04
600707	4130175	4.399	39.683	41.516	4.793	9.40E-04
600717	4130175	4.252	35.002	36.481	4.679	9.09E-04
600727	4130175	4.124	31.163	32.390	4.564	8.82E-04
600737	4130175	4.018	28.072	29.101	4.456	8.59E-04
600747	4130175	3.921	25.384	26.244	4.344	8.38E-04
600757	4130175	3.830	23.040	23.752	4.234	8.19E-04
600767	4130175	3.746	21.011	21.592	4.127	8.01E-04
600777	4130175	3.668	19.244	19.717	4.019	7.84E-04
600787	4130175	3.591	17.691	18.077	3.916	7.68E-04
600797	4130175	3.519	16.347	16.665	3.817	7.52E-04
600807	4130175	3.447	15.160	15.427	3.717	7.37E-04
600817	4130175	3.376	14.101	14.326	3.621	7.22E-04
600827	4130175	3.305	13.155	13.347	3.525	7.06E-04
600837	4130175	3.234	12.301	12.465	3.434	6.91E-04
600847	4130175	3.164	11.539	11.679	3.346	6.76E-04
600857	4130175	3.096	10.858	10.980	3.259	6.62E-04
600227	4130185	8.925	12.943	13.147	11.356	1.91E-03
600237	4130185	9.304	13.401	13.613	11.929	1.99E-03
600247	4130185	9.698	13.922	14.145	12.531	2.07E-03
600257	4130185	10.105	14.489	14.726	13.156	2.16E-03
600267	4130185	10.523	15.113	15.368	13.799	2.25E-03
600277	4130185	10.953	15.847	16.127	14.473	2.34E-03
600287	4130185	11.393	16.683	16.996	15.159	2.44E-03
600297	4130185	11.840	17.642	17.999	15.857	2.53E-03
600307	4130185	12.293	18.748	19.163	16.559	2.63E-03
600317	4130185	12.749	20.060	20.554	17.270	2.73E-03
600327	4130185	13.198	21.518	22.109	17.956	2.82E-03
600337	4130185	13.639	23.236	23.956	18.611	2.92E-03
600347	4130185	14.069	25.332	26.221	19.232	3.01E-03
600357	4130185	14.477	27.854	28.972	19.791	3.09E-03
600367	4130185	14.856	30.963	32.393	20.267	3.18E-03
600377	4130185	15.197	34.883	36.774	20.638	3.25E-03
600387	4130185	15.490	39.975	42.588	20.884	3.31E-03
600397	4130185	15.726	46.819	50.648	20.976	3.36E-03
600407	4130185	15.895	56.551	62.600	20.908	3.40E-03
600417	4130185	15.989	71.753	82.250	20.669	3.42E-03
600427	4130185	16.005	50.413	56.034	20.275	3.42E-03
600437	4130185	15.936	52.279	58.387	19.738	3.41E-03
600447	4130185	15.784	64.977	74.088	19.095	3.37E-03
600457	4130185	15.545	68.392	77.194	18.375	3.32E-03

600467	4130185	15.229	57.170	62.665	17.619	3.26E-03
600477	4130185	14.850	49.694	53.383	16.857	3.17E-03
600487	4130185	14.413	44.376	46.925	16.095	3.08E-03
600497	4130185	13.933	40.534	42.344	15.322	2.98E-03
600507	4130185	13.429	37.786	39.148	14.541	2.87E-03
600517	4130185	12.905	35.829	36.914	13.703	2.76E-03
600527	4130185	12.358	34.495	35.402	12.796	2.64E-03
600537	4130185	11.794	33.731	34.548	11.834	2.52E-03
600547	4130185	11.216	33.532	34.337	10.845	2.40E-03
600557	4130185	10.628	33.949	34.812	9.872	2.27E-03
600567	4130185	10.026	35.056	36.037	8.953	2.14E-03
600577	4130185	9.416	37.013	38.180	8.118	2.01E-03
600587	4130185	8.804	40.078	41.548	7.394	1.88E-03
600597	4130185	8.201	44.741	46.752	6.784	1.75E-03
600607	4130185	7.619	52.001	55.151	6.290	1.63E-03
600617	4130185	7.068	64.150	69.919	5.896	1.51E-03
600627	4130185	6.555	72.255	80.607	5.583	1.40E-03
600637	4130185	6.086	69.619	77.117	5.339	1.30E-03
600647	4130185	5.670	71.608	79.336	5.145	1.21E-03
600657	4130185	5.309	82.341	91.947	4.996	1.13E-03
600667	4130185	4.992	65.381	70.772	4.865	1.07E-03
600677	4130185	4.722	54.308	57.777	4.752	1.01E-03
600687	4130185	4.493	46.391	48.871	4.649	9.60E-04
600697	4130185	4.299	40.364	42.254	4.551	9.19E-04
600707	4130185	4.133	35.560	37.071	4.454	8.83E-04
600717	4130185	3.993	31.686	32.932	4.361	8.53E-04
600727	4130185	3.870	28.417	29.459	4.262	8.27E-04
600737	4130185	3.768	25.741	26.616	4.169	8.05E-04
600747	4130185	3.678	23.431	24.158	4.076	7.86E-04
600757	4130185	3.596	21.403	22.001	3.984	7.69E-04
600767	4130185	3.519	19.595	20.081	3.888	7.52E-04
600777	4130185	3.447	18.008	18.402	3.793	7.37E-04
600787	4130185	3.380	16.622	16.942	3.702	7.22E-04
600797	4130185	3.315	15.401	15.664	3.611	7.09E-04
600807	4130185	3.251	14.305	14.523	3.521	6.95E-04
600817	4130185	3.188	13.340	13.522	3.436	6.81E-04
600827	4130185	3.125	12.467	12.621	3.350	6.68E-04
600837	4130185	3.063	11.690	11.820	3.267	6.55E-04
600847	4130185	3.001	10.987	11.098	3.184	6.41E-04
600237	4130195	9.141	12.597	12.778	11.698	1.95E-03
600247	4130195	9.505	13.089	13.281	12.249	2.03E-03
600257	4130195	9.879	13.622	13.827	12.815	2.11E-03
600267	4130195	10.260	14.196	14.416	13.396	2.19E-03
600277	4130195	10.648	14.845	15.085	13.992	2.28E-03
600287	4130195	11.044	15.603	15.869	14.597	2.36E-03
600297	4130195	11.443	16.461	16.761	15.201	2.45E-03
600307	4130195	11.844	17.453	17.798	15.811	2.53E-03
600317	4130195	12.240	18.559	18.962	16.407	2.62E-03
600327	4130195	12.627	19.796	20.269	16.971	2.70E-03
600337	4130195	13.004	21.268	21.838	17.504	2.78E-03
600347	4130195	13.361	22.964	23.657	17.986	2.86E-03
600357	4130195	13.696	25.006	25.861	18.410	2.93E-03
600367	4130195	13.998	27.455	28.527	18.750	2.99E-03
600377	4130195	14.262	30.466	31.835	18.991	3.05E-03
600387	4130195	14.479	34.233	36.031	19.114	3.09E-03

600397	4130195	14.641	39.089	41.549	19.105	3.13E-03
600407	4130195	14.741	45.574	49.117	18.959	3.15E-03
600417	4130195	14.772	54.666	60.152	18.675	3.16E-03
600427	4130195	14.734	68.652	77.980	18.264	3.15E-03
600437	4130195	14.624	51.630	57.637	17.751	3.13E-03
600447	4130195	14.448	42.001	45.741	17.169	3.09E-03
600457	4130195	14.195	51.159	56.682	16.525	3.03E-03
600467	4130195	13.885	70.959	80.409	15.867	2.97E-03
600477	4130195	13.529	59.199	65.143	15.215	2.89E-03
600487	4130195	13.129	51.288	55.227	14.567	2.81E-03
600497	4130195	12.700	45.821	48.547	13.912	2.71E-03
600507	4130195	12.254	42.009	43.989	13.246	2.62E-03
600517	4130195	11.789	39.304	40.790	12.525	2.52E-03
600527	4130195	11.308	37.490	38.671	11.749	2.42E-03
600537	4130195	10.820	36.482	37.506	10.926	2.31E-03
600547	4130195	10.323	36.243	37.231	10.077	2.21E-03
600557	4130195	9.817	36.815	37.856	9.236	2.10E-03
600567	4130195	9.295	38.281	39.464	8.421	1.99E-03
600577	4130195	8.762	40.887	42.335	7.669	1.87E-03
600587	4130195	8.224	45.054	46.994	7.000	1.76E-03
600597	4130195	7.690	51.703	54.674	6.428	1.64E-03
600607	4130195	7.167	62.837	68.138	5.946	1.53E-03
600617	4130195	6.665	59.151	64.115	5.557	1.42E-03
600627	4130195	6.193	70.205	77.912	5.242	1.32E-03
600637	4130195	5.762	71.228	78.910	4.996	1.23E-03
600647	4130195	5.374	85.156	95.499	4.803	1.15E-03
600657	4130195	5.029	67.072	72.794	4.647	1.07E-03
600667	4130195	4.728	55.442	59.076	4.522	1.01E-03
600677	4130195	4.469	47.215	49.793	4.415	9.55E-04
600687	4130195	4.248	40.989	42.936	4.322	9.08E-04
600697	4130195	4.059	36.088	37.631	4.236	8.68E-04
600707	4130195	3.898	32.098	33.359	4.150	8.33E-04
600717	4130195	3.766	28.899	29.945	4.073	8.05E-04
600727	4130195	3.648	26.096	26.974	3.993	7.80E-04
600737	4130195	3.545	23.687	24.421	3.910	7.58E-04
600747	4130195	3.458	21.638	22.244	3.828	7.39E-04
600757	4130195	3.382	19.864	20.359	3.750	7.23E-04
600767	4130195	3.312	18.283	18.683	3.667	7.08E-04
600777	4130195	3.246	16.851	17.174	3.583	6.94E-04
600787	4130195	3.184	15.595	15.856	3.502	6.81E-04
600797	4130195	3.127	14.497	14.710	3.422	6.68E-04
600807	4130195	3.069	13.498	13.672	3.344	6.56E-04
600817	4130195	3.013	12.608	12.752	3.263	6.44E-04
600827	4130195	2.958	11.816	11.935	3.187	6.32E-04
600837	4130195	2.903	11.099	11.198	3.110	6.21E-04
600847	4130195	2.848	10.450	10.532	3.037	6.09E-04
600237	4130205	8.958	11.890	12.048	11.433	1.91E-03
600247	4130205	9.293	12.346	12.513	11.932	1.99E-03
600257	4130205	9.635	12.850	13.028	12.443	2.06E-03
600267	4130205	9.981	13.391	13.583	12.965	2.13E-03
600277	4130205	10.331	13.986	14.196	13.493	2.21E-03
600287	4130205	10.683	14.660	14.890	14.015	2.28E-03
600297	4130205	11.039	15.445	15.704	14.542	2.36E-03
600307	4130205	11.390	16.321	16.614	15.061	2.43E-03
600317	4130205	11.731	17.266	17.599	15.553	2.51E-03

600327	4130205	12.065	18.380	18.769	16.021	2.58E-03
600337	4130205	12.379	19.608	20.065	16.439	2.65E-03
600347	4130205	12.675	21.036	21.585	16.810	2.71E-03
600357	4130205	12.945	22.721	23.390	17.120	2.77E-03
600367	4130205	13.183	24.707	25.532	17.350	2.82E-03
600377	4130205	13.382	27.087	28.117	17.488	2.86E-03
600387	4130205	13.536	29.993	31.306	17.519	2.89E-03
600397	4130205	13.638	33.624	35.337	17.441	2.92E-03
600407	4130205	13.684	38.271	40.594	17.243	2.92E-03
600417	4130205	13.669	44.430	47.726	16.937	2.92E-03
600427	4130205	13.591	52.983	58.006	16.525	2.91E-03
600437	4130205	13.453	65.948	74.313	16.046	2.88E-03
600447	4130205	13.260	49.532	54.769	15.514	2.83E-03
600457	4130205	13.009	52.978	59.171	14.948	2.78E-03
600467	4130205	12.708	56.076	63.005	14.371	2.72E-03
600477	4130205	12.374	74.029	84.392	13.809	2.64E-03
600487	4130205	12.011	61.395	67.808	13.254	2.57E-03
600497	4130205	11.630	53.234	57.525	12.698	2.49E-03
600507	4130205	11.229	47.551	50.496	12.116	2.40E-03
600517	4130205	10.815	43.662	45.748	11.493	2.31E-03
600527	4130205	10.395	41.171	42.771	10.828	2.22E-03
600537	4130205	9.971	39.822	41.166	10.123	2.13E-03
600547	4130205	9.541	39.525	40.783	9.393	2.04E-03
600557	4130205	9.099	40.273	41.577	8.654	1.94E-03
600567	4130205	8.645	42.267	43.767	7.936	1.85E-03
600577	4130205	8.178	45.853	47.775	7.258	1.75E-03
600587	4130205	7.703	51.803	54.637	6.645	1.65E-03
600597	4130205	7.227	61.961	66.891	6.106	1.54E-03
600607	4130205	6.756	69.108	76.294	5.645	1.44E-03
600617	4130205	6.299	69.233	76.630	5.260	1.35E-03
600627	4130205	5.868	72.226	80.044	4.949	1.25E-03
600637	4130205	5.470	88.271	99.574	4.703	1.17E-03
600647	4130205	5.106	68.890	75.008	4.504	1.09E-03
600657	4130205	4.779	56.591	60.404	4.347	1.02E-03
600667	4130205	4.493	47.990	50.663	4.220	9.60E-04
600677	4130205	4.244	41.543	43.546	4.118	9.07E-04
600687	4130205	4.030	36.525	38.100	4.029	8.61E-04
600697	4130205	3.847	32.467	33.742	3.951	8.22E-04
600707	4130205	3.690	29.119	30.170	3.878	7.89E-04
600717	4130205	3.557	26.305	27.180	3.806	7.60E-04
600727	4130205	3.446	23.959	24.687	3.739	7.36E-04
600737	4130205	3.346	21.857	22.461	3.669	7.15E-04
600747	4130205	3.260	20.018	20.513	3.596	6.97E-04
600757	4130205	3.186	18.422	18.823	3.525	6.81E-04
600767	4130205	3.121	17.029	17.353	3.458	6.67E-04
600777	4130205	3.062	15.778	16.039	3.388	6.54E-04
600787	4130205	3.005	14.641	14.850	3.317	6.42E-04
600797	4130205	2.952	13.630	13.798	3.244	6.31E-04
600807	4130205	2.901	12.726	12.862	3.175	6.20E-04
600817	4130205	2.852	11.921	12.032	3.103	6.10E-04
600827	4130205	2.803	11.193	11.282	3.034	5.99E-04
600837	4130205	2.754	10.530	10.603	2.965	5.89E-04
600247	4130215	9.066	11.690	11.838	11.592	1.94E-03
600257	4130215	9.376	12.154	12.311	12.050	2.00E-03
600267	4130215	9.691	12.678	12.849	12.516	2.07E-03

600277	4130215	10.005	13.229	13.414	12.976	2.14E-03
600287	4130215	10.318	13.842	14.045	13.430	2.21E-03
600297	4130215	10.630	14.549	14.776	13.882	2.27E-03
600307	4130215	10.933	15.300	15.551	14.312	2.34E-03
600317	4130215	11.226	16.141	16.422	14.717	2.40E-03
600327	4130215	11.513	17.154	17.482	15.101	2.46E-03
600337	4130215	11.773	18.205	18.581	15.429	2.52E-03
600347	4130215	12.014	19.424	19.867	15.705	2.57E-03
600357	4130215	12.229	20.843	21.375	15.923	2.61E-03
600367	4130215	12.412	22.489	23.135	16.065	2.65E-03
600377	4130215	12.557	24.424	25.220	16.123	2.68E-03
600387	4130215	12.659	26.737	27.729	16.088	2.71E-03
600397	4130215	12.714	29.550	30.811	15.959	2.72E-03
600407	4130215	12.718	33.049	34.684	15.733	2.72E-03
600417	4130215	12.668	37.503	39.702	15.416	2.71E-03
600427	4130215	12.564	43.395	46.482	15.027	2.69E-03
600437	4130215	12.408	51.513	56.158	14.574	2.65E-03
600447	4130215	12.204	63.621	71.287	14.088	2.61E-03
600457	4130215	11.959	62.908	71.334	13.589	2.56E-03
600467	4130215	11.676	53.262	59.538	13.092	2.50E-03
600477	4130215	11.362	52.643	58.428	12.595	2.43E-03
600487	4130215	11.031	77.427	88.834	12.113	2.36E-03
600497	4130215	10.687	63.895	70.845	11.633	2.28E-03
600507	4130215	10.328	55.108	59.595	11.126	2.21E-03
600517	4130215	9.961	49.335	52.355	10.586	2.13E-03
600527	4130215	9.594	45.831	48.070	10.015	2.05E-03
600537	4130215	9.226	43.991	45.827	9.409	1.97E-03
600547	4130215	8.850	43.544	45.208	8.775	1.89E-03
600557	4130215	8.462	44.549	46.254	8.126	1.81E-03
600567	4130215	8.065	47.336	49.355	7.490	1.72E-03
600577	4130215	7.654	52.504	55.318	6.884	1.64E-03
600587	4130215	7.233	61.618	66.310	6.320	1.55E-03
600597	4130215	6.805	79.216	88.721	5.813	1.45E-03
600607	4130215	6.379	68.094	75.070	5.373	1.36E-03
600617	4130215	5.965	73.885	82.469	4.999	1.28E-03
600627	4130215	5.573	91.750	104.157	4.696	1.19E-03
600637	4130215	5.202	70.766	77.304	4.447	1.11E-03
600647	4130215	4.862	57.825	61.869	4.245	1.04E-03
600657	4130215	4.554	48.745	51.521	4.086	9.73E-04
600667	4130215	4.281	42.043	44.104	3.958	9.15E-04
600677	4130215	4.043	36.857	38.462	3.855	8.64E-04
600687	4130215	3.835	32.683	33.970	3.769	8.20E-04
600697	4130215	3.655	29.256	30.309	3.692	7.81E-04
600707	4130215	3.503	26.442	27.310	3.626	7.49E-04
600717	4130215	3.372	24.026	24.746	3.564	7.21E-04
600727	4130215	3.262	21.977	22.572	3.505	6.97E-04
600737	4130215	3.168	20.193	20.682	3.445	6.77E-04
600747	4130215	3.084	18.562	18.960	3.383	6.59E-04
600757	4130215	3.010	17.121	17.441	3.320	6.43E-04
600767	4130215	2.947	15.857	16.114	3.260	6.30E-04
600777	4130215	2.892	14.742	14.948	3.202	6.18E-04
600787	4130215	2.840	13.735	13.900	3.139	6.07E-04
600797	4130215	2.791	12.817	12.947	3.076	5.97E-04
600807	4130215	2.745	11.998	12.101	3.015	5.87E-04
600817	4130215	2.701	11.264	11.346	2.952	5.77E-04



600827	4130215	2.657	10.595	10.659	2.890	5.68E-04
600257	4130225	9.108	11.540	11.681	11.642	1.95E-03
600267	4130225	9.390	12.017	12.169	12.049	2.01E-03
600277	4130225	9.670	12.530	12.694	12.449	2.07E-03
600287	4130225	9.949	13.113	13.294	12.844	2.13E-03
600297	4130225	10.219	13.728	13.927	13.221	2.18E-03
600307	4130225	10.478	14.386	14.605	13.573	2.24E-03
600317	4130225	10.736	15.203	15.451	13.915	2.29E-03
600327	4130225	10.974	16.072	16.353	14.220	2.35E-03
600337	4130225	11.190	17.003	17.320	14.472	2.39E-03
600347	4130225	11.382	18.051	18.415	14.670	2.43E-03
600357	4130225	11.549	19.262	19.692	14.810	2.47E-03
600367	4130225	11.685	20.653	21.170	14.885	2.50E-03
600377	4130225	11.786	22.261	22.889	14.883	2.52E-03
600387	4130225	11.846	24.153	24.923	14.802	2.53E-03
600397	4130225	11.863	26.403	27.361	14.639	2.54E-03
600407	4130225	11.835	29.130	30.343	14.395	2.53E-03
600417	4130225	11.760	32.519	34.085	14.081	2.51E-03
600427	4130225	11.638	36.825	38.916	13.708	2.49E-03
600437	4130225	11.473	42.470	45.381	13.295	2.45E-03
600447	4130225	11.267	50.200	54.534	12.856	2.41E-03
600457	4130225	11.026	61.483	68.495	12.411	2.36E-03
600467	4130225	10.760	48.627	53.439	11.973	2.30E-03
600477	4130225	10.473	53.674	59.968	11.543	2.24E-03
600487	4130225	10.169	59.213	67.114	11.119	2.17E-03
600497	4130225	9.857	81.152	93.553	10.698	2.11E-03
600507	4130225	9.538	66.397	73.679	10.261	2.04E-03
600517	4130225	9.211	57.234	61.842	9.788	1.97E-03
600527	4130225	8.889	52.033	55.318	9.296	1.90E-03
600537	4130225	8.566	49.294	51.881	8.769	1.83E-03
600547	4130225	8.235	48.579	50.864	8.216	1.76E-03
600557	4130225	7.895	49.995	52.346	7.645	1.69E-03
600567	4130225	7.544	54.027	56.973	7.081	1.61E-03
600577	4130225	7.179	61.901	66.462	6.532	1.53E-03
600587	4130225	6.802	77.467	86.232	6.014	1.45E-03
600597	4130225	6.417	69.317	76.624	5.540	1.37E-03
600607	4130225	6.034	72.837	80.773	5.125	1.29E-03
600617	4130225	5.661	95.436	109.036	4.771	1.21E-03
600627	4130225	5.297	72.736	79.733	4.468	1.13E-03
600637	4130225	4.955	58.978	63.235	4.221	1.06E-03
600647	4130225	4.639	49.516	52.419	4.021	9.92E-04
600657	4130225	4.350	42.507	44.630	3.859	9.30E-04
600667	4130225	4.091	37.099	38.730	3.729	8.74E-04
600677	4130225	3.861	32.824	34.119	3.624	8.25E-04
600687	4130225	3.659	29.309	30.359	3.536	7.82E-04
600697	4130225	3.483	26.405	27.265	3.462	7.45E-04
600707	4130225	3.335	24.021	24.727	3.399	7.13E-04
600717	4130225	3.207	21.974	22.554	3.342	6.86E-04
600727	4130225	3.099	20.196	20.671	3.290	6.62E-04
600737	4130225	3.005	18.617	19.005	3.238	6.42E-04
600747	4130225	2.924	17.209	17.525	3.185	6.25E-04
600757	4130225	2.853	15.944	16.198	3.135	6.10E-04
600767	4130225	2.790	14.791	14.992	3.080	5.96E-04
600777	4130225	2.736	13.781	13.941	3.028	5.85E-04
600787	4130225	2.688	12.876	13.002	2.975	5.75E-04

600797	4130225	2.644	12.058	12.156	2.920	5.65E-04
600807	4130225	2.601	11.314	11.390	2.867	5.56E-04
600817	4130225	2.561	10.645	10.703	2.811	5.47E-04
600267	4130235	9.085	11.428	11.564	11.578	1.94E-03
600277	4130235	9.334	11.909	12.057	11.925	2.00E-03
600287	4130235	9.578	12.435	12.597	12.262	2.05E-03
600297	4130235	9.811	12.981	13.157	12.574	2.10E-03
600307	4130235	10.038	13.620	13.815	12.873	2.15E-03
600317	4130235	10.254	14.336	14.554	13.148	2.19E-03
600327	4130235	10.451	15.097	15.341	13.380	2.23E-03
600337	4130235	10.628	15.936	16.210	13.570	2.27E-03
600347	4130235	10.780	16.867	17.177	13.706	2.30E-03
600357	4130235	10.906	17.909	18.266	13.787	2.33E-03
600367	4130235	11.003	19.104	19.524	13.808	2.35E-03
600377	4130235	11.067	20.468	20.971	13.762	2.37E-03
600387	4130235	11.093	22.042	22.653	13.644	2.37E-03
600397	4130235	11.081	23.889	24.637	13.462	2.37E-03
600407	4130235	11.029	26.087	27.015	13.214	2.36E-03
600417	4130235	10.935	28.750	29.921	12.908	2.34E-03
600427	4130235	10.803	32.040	33.542	12.560	2.31E-03
600437	4130235	10.633	36.202	38.196	12.179	2.27E-03
600447	4130235	10.430	41.625	44.381	11.785	2.23E-03
600457	4130235	10.199	48.982	53.026	11.387	2.18E-03
600467	4130235	9.947	59.555	65.969	10.992	2.13E-03
600477	4130235	9.682	60.201	67.521	10.617	2.07E-03
600487	4130235	9.408	53.068	59.016	10.252	2.01E-03
600497	4130235	9.127	54.567	60.716	9.880	1.95E-03
600507	4130235	8.841	66.285	74.691	9.498	1.89E-03
600517	4130235	8.553	69.575	77.317	9.089	1.83E-03
600527	4130235	8.264	60.673	65.743	8.654	1.77E-03
600537	4130235	7.977	56.289	60.092	8.191	1.71E-03
600547	4130235	7.685	55.104	58.378	7.709	1.64E-03
600557	4130235	7.387	57.190	60.659	7.209	1.58E-03
600567	4130235	7.074	63.318	68.012	6.703	1.51E-03
600577	4130235	6.746	76.622	84.827	6.202	1.44E-03
600587	4130235	6.408	67.299	73.818	5.728	1.37E-03
600597	4130235	6.064	77.977	87.720	5.292	1.30E-03
600607	4130235	5.719	84.399	95.281	4.904	1.22E-03
600617	4130235	5.377	74.822	82.405	4.559	1.15E-03
600627	4130235	5.044	60.095	64.586	4.266	1.08E-03
600637	4130235	4.729	50.114	53.125	4.023	1.01E-03
600647	4130235	4.434	42.810	44.986	3.824	9.48E-04
600657	4130235	4.162	37.220	38.871	3.658	8.90E-04
600667	4130235	3.915	32.819	34.117	3.526	8.37E-04
600677	4130235	3.695	29.263	30.305	3.419	7.90E-04
600687	4130235	3.500	26.323	27.168	3.331	7.48E-04
600697	4130235	3.329	23.877	24.566	3.257	7.12E-04
600707	4130235	3.184	21.852	22.413	3.197	6.81E-04
600717	4130235	3.058	20.080	20.537	3.142	6.54E-04
600727	4130235	2.951	18.549	18.922	3.093	6.31E-04
600737	4130235	2.857	17.165	17.468	3.045	6.11E-04
600747	4130235	2.777	15.922	16.167	2.998	5.94E-04
600757	4130235	2.708	14.809	15.006	2.955	5.79E-04
600767	4130235	2.648	13.808	13.964	2.912	5.66E-04
600777	4130235	2.595	12.894	13.017	2.865	5.55E-04

600787	4130235	2.548	12.071	12.165	2.818	5.45E-04
600797	4130235	2.507	11.340	11.412	2.772	5.36E-04
600807	4130235	2.468	10.673	10.727	2.725	5.28E-04
600277	4130245	8.998	11.340	11.474	11.409	1.92E-03
600287	4130245	9.208	11.807	11.952	11.690	1.97E-03
600297	4130245	9.412	12.329	12.488	11.955	2.01E-03
600307	4130245	9.606	12.916	13.092	12.202	2.05E-03
600317	4130245	9.785	13.541	13.734	12.411	2.09E-03
600327	4130245	9.947	14.224	14.439	12.587	2.13E-03
600337	4130245	10.089	14.980	15.220	12.720	2.16E-03
600347	4130245	10.209	15.823	16.092	12.812	2.18E-03
600357	4130245	10.301	16.745	17.050	12.846	2.20E-03
600367	4130245	10.365	17.777	18.127	12.823	2.22E-03
600377	4130245	10.398	18.948	19.359	12.744	2.22E-03
600387	4130245	10.398	20.285	20.775	12.607	2.22E-03
600397	4130245	10.363	21.832	22.427	12.409	2.22E-03
600407	4130245	10.292	23.646	24.374	12.161	2.20E-03
600417	4130245	10.187	25.799	26.701	11.870	2.18E-03
600427	4130245	10.047	28.398	29.531	11.545	2.15E-03
600437	4130245	9.877	31.598	33.047	11.197	2.11E-03
600447	4130245	9.680	35.624	37.533	10.840	2.07E-03
600457	4130245	9.460	40.842	43.459	10.483	2.02E-03
600467	4130245	9.224	47.862	51.638	10.139	1.97E-03
600477	4130245	8.978	57.830	63.715	9.800	1.92E-03
600487	4130245	8.729	73.778	84.273	9.482	1.87E-03
600497	4130245	8.477	54.480	60.758	9.155	1.81E-03
600507	4130245	8.221	45.044	48.878	8.821	1.76E-03
600517	4130245	7.967	72.766	82.929	8.466	1.70E-03
600527	4130245	7.710	74.163	82.802	8.084	1.65E-03
600537	4130245	7.452	66.124	72.056	7.672	1.59E-03
600547	4130245	7.194	63.951	68.967	7.247	1.54E-03
600557	4130245	6.927	67.065	72.575	6.806	1.48E-03
600567	4130245	6.646	77.421	85.649	6.347	1.42E-03
600577	4130245	6.352	83.030	93.691	5.896	1.36E-03
600587	4130245	6.048	73.782	81.951	5.460	1.29E-03
600597	4130245	5.740	84.736	95.821	5.061	1.23E-03
600607	4130245	5.427	76.911	85.162	4.693	1.16E-03
600617	4130245	5.114	61.046	65.781	4.365	1.09E-03
600627	4130245	4.811	50.550	53.677	4.085	1.03E-03
600637	4130245	4.519	42.936	45.158	3.848	9.66E-04
600647	4130245	4.244	37.161	38.823	3.646	9.07E-04
600657	4130245	3.989	32.674	33.967	3.482	8.53E-04
600667	4130245	3.755	29.064	30.090	3.348	8.03E-04
600677	4130245	3.543	26.101	26.927	3.238	7.57E-04
600687	4130245	3.355	23.659	24.327	3.148	7.17E-04
600697	4130245	3.190	21.598	22.138	3.074	6.82E-04
600707	4130245	3.047	19.876	20.313	3.012	6.51E-04
600717	4130245	2.923	18.352	18.705	2.962	6.25E-04
600727	4130245	2.816	17.015	17.302	2.915	6.02E-04
600737	4130245	2.725	15.839	16.074	2.872	5.82E-04
600747	4130245	2.646	14.753	14.943	2.828	5.65E-04
600757	4130245	2.577	13.766	13.918	2.787	5.51E-04
600767	4130245	2.518	12.878	12.998	2.750	5.38E-04
600777	4130245	2.466	12.067	12.160	2.711	5.27E-04
600787	4130245	2.422	11.341	11.411	2.672	5.18E-04

600797	4130245	2.382	10.678	10.730	2.630	5.09E-04
600287	4130255	8.846	11.248	11.381	11.134	1.89E-03
600297	4130255	9.022	11.737	11.881	11.354	1.93E-03
600307	4130255	9.184	12.259	12.417	11.545	1.96E-03
600317	4130255	9.331	12.820	12.994	11.709	1.99E-03
600327	4130255	9.462	13.438	13.630	11.838	2.02E-03
600337	4130255	9.575	14.120	14.333	11.928	2.05E-03
600347	4130255	9.667	14.882	15.120	11.978	2.07E-03
600357	4130255	9.732	15.709	15.976	11.978	2.08E-03
600367	4130255	9.768	16.615	16.916	11.928	2.09E-03
600377	4130255	9.776	17.633	17.977	11.824	2.09E-03
600387	4130255	9.755	18.786	19.190	11.671	2.09E-03
600397	4130255	9.703	20.108	20.589	11.470	2.07E-03
600407	4130255	9.620	21.635	22.217	11.229	2.06E-03
600417	4130255	9.506	23.415	24.126	10.950	2.03E-03
600427	4130255	9.364	25.524	26.403	10.645	2.00E-03
600437	4130255	9.196	28.065	29.165	10.331	1.97E-03
600447	4130255	9.006	31.179	32.581	10.006	1.93E-03
600457	4130255	8.799	35.092	36.927	9.693	1.88E-03
600467	4130255	8.579	40.143	42.640	9.383	1.83E-03
600477	4130255	8.353	46.922	50.484	9.087	1.79E-03
600487	4130255	8.123	56.490	62.012	8.797	1.74E-03
600497	4130255	7.895	71.340	80.922	8.509	1.69E-03
600507	4130255	7.667	53.347	58.975	8.215	1.64E-03
600517	4130255	7.439	57.268	63.729	7.902	1.59E-03
600527	4130255	7.213	73.453	83.609	7.570	1.54E-03
600537	4130255	6.980	81.150	91.299	7.204	1.49E-03
600547	4130255	6.749	76.423	84.534	6.826	1.44E-03
600557	4130255	6.508	81.432	90.714	6.430	1.39E-03
600567	4130255	6.256	70.130	77.418	6.020	1.34E-03
600577	4130255	5.992	77.435	87.018	5.609	1.28E-03
600587	4130255	5.721	88.370	100.700	5.215	1.22E-03
600597	4130255	5.441	78.778	87.732	4.841	1.16E-03
600607	4130255	5.156	61.798	66.868	4.498	1.10E-03
600617	4130255	4.872	50.666	53.911	4.192	1.04E-03
600627	4130255	4.594	42.808	45.079	3.922	9.82E-04
600637	4130255	4.325	36.900	38.568	3.690	9.24E-04
600647	4130255	4.068	32.321	33.600	3.491	8.70E-04
600657	4130255	3.828	28.690	29.696	3.326	8.18E-04
600667	4130255	3.606	25.746	26.548	3.191	7.71E-04
600677	4130255	3.404	23.313	23.957	3.079	7.28E-04
600687	4130255	3.224	21.282	21.800	2.985	6.89E-04
600697	4130255	3.063	19.562	19.977	2.910	6.55E-04
600707	4130255	2.922	18.067	18.401	2.847	6.25E-04
600717	4130255	2.799	16.755	17.024	2.793	5.98E-04
600727	4130255	2.694	15.610	15.828	2.750	5.76E-04
600737	4130255	2.604	14.600	14.780	2.712	5.57E-04
600747	4130255	2.526	13.678	13.825	2.673	5.40E-04
600757	4130255	2.457	12.804	12.922	2.634	5.25E-04
600767	4130255	2.399	12.015	12.107	2.599	5.13E-04
600777	4130255	2.348	11.300	11.370	2.567	5.02E-04
600787	4130255	2.305	10.654	10.706	2.532	4.93E-04
600297	4130265	8.642	11.191	11.324	10.772	1.85E-03
600307	4130265	8.776	11.658	11.803	10.924	1.88E-03
600317	4130265	8.897	12.174	12.332	11.048	1.90E-03

600327	4130265	9.001	12.738	12.912	11.137	1.92E-03
600337	4130265	9.088	13.356	13.549	11.194	1.94E-03
600347	4130265	9.154	14.039	14.252	11.210	1.96E-03
600357	4130265	9.196	14.778	15.016	11.182	1.97E-03
600367	4130265	9.212	15.589	15.854	11.107	1.97E-03
600377	4130265	9.201	16.489	16.789	10.988	1.97E-03
600387	4130265	9.162	17.491	17.832	10.827	1.96E-03
600397	4130265	9.097	18.633	19.032	10.627	1.94E-03
600407	4130265	9.005	19.937	20.412	10.391	1.92E-03
600417	4130265	8.887	21.435	22.009	10.134	1.90E-03
600427	4130265	8.744	23.182	23.880	9.852	1.87E-03
600437	4130265	8.581	25.249	26.110	9.563	1.83E-03
600447	4130265	8.399	27.732	28.805	9.274	1.80E-03
600457	4130265	8.204	30.778	32.140	8.987	1.75E-03
600467	4130265	8.000	34.592	36.363	8.713	1.71E-03
600477	4130265	7.792	39.507	41.899	8.447	1.67E-03
600487	4130265	7.582	46.077	49.463	8.188	1.62E-03
600497	4130265	7.373	55.273	60.455	7.932	1.58E-03
600507	4130265	7.167	69.212	77.951	7.670	1.53E-03
600517	4130265	6.963	68.892	78.337	7.394	1.49E-03
600527	4130265	6.760	60.190	67.359	7.099	1.44E-03
600537	4130265	6.553	62.883	69.848	6.777	1.40E-03
600547	4130265	6.343	94.577	108.481	6.437	1.36E-03
600557	4130265	6.127	88.681	101.303	6.081	1.31E-03
600567	4130265	5.899	76.696	86.356	5.712	1.26E-03
600577	4130265	5.664	72.618	81.285	5.343	1.21E-03
600587	4130265	5.420	80.279	90.213	4.986	1.16E-03
600597	4130265	5.165	61.940	67.372	4.640	1.10E-03
600607	4130265	4.907	50.276	53.655	4.320	1.05E-03
600617	4130265	4.648	42.169	44.468	4.029	9.93E-04
600627	4130265	4.393	36.274	37.940	3.771	9.39E-04
600637	4130265	4.145	31.751	33.011	3.546	8.86E-04
600647	4130265	3.905	28.127	29.107	3.353	8.35E-04
600657	4130265	3.678	25.211	25.987	3.187	7.86E-04
600667	4130265	3.469	22.848	23.469	3.050	7.42E-04
600677	4130265	3.277	20.860	21.357	2.937	7.00E-04
600687	4130265	3.103	19.172	19.569	2.842	6.63E-04
600697	4130265	2.947	17.735	18.052	2.764	6.30E-04
600707	4130265	2.810	16.488	16.743	2.701	6.01E-04
600717	4130265	2.690	15.374	15.580	2.647	5.75E-04
600727	4130265	2.584	14.370	14.539	2.599	5.52E-04
600737	4130265	2.495	13.493	13.633	2.564	5.33E-04
600747	4130265	2.418	12.697	12.813	2.531	5.17E-04
600757	4130265	2.350	11.935	12.027	2.495	5.02E-04
600767	4130265	2.291	11.230	11.302	2.462	4.90E-04
600777	4130265	2.241	10.602	10.656	2.432	4.79E-04
600307	4130275	8.385	11.118	11.252	10.339	1.79E-03
600317	4130275	8.482	11.592	11.739	10.427	1.81E-03
600327	4130275	8.564	12.107	12.268	10.485	1.83E-03
600337	4130275	8.629	12.669	12.846	10.512	1.84E-03
600347	4130275	8.673	13.280	13.475	10.500	1.85E-03
600357	4130275	8.694	13.943	14.159	10.452	1.86E-03
600367	4130275	8.693	14.671	14.910	10.364	1.86E-03
600377	4130275	8.667	15.473	15.740	10.236	1.85E-03
600387	4130275	8.616	16.358	16.658	10.068	1.84E-03

600397	4130275	8.542	17.353	17.695	9.870	1.83E-03
600407	4130275	8.443	18.472	18.870	9.646	1.80E-03
600417	4130275	8.322	19.751	20.223	9.399	1.78E-03
600427	4130275	8.182	21.222	21.789	9.142	1.75E-03
600437	4130275	8.023	22.931	23.620	8.880	1.71E-03
600447	4130275	7.851	24.951	25.797	8.616	1.68E-03
600457	4130275	7.668	27.379	28.430	8.359	1.64E-03
600467	4130275	7.479	30.350	31.678	8.115	1.60E-03
600477	4130275	7.287	34.073	35.790	7.874	1.56E-03
600487	4130275	7.095	38.850	41.152	7.645	1.52E-03
600497	4130275	6.905	45.208	48.440	7.414	1.48E-03
600507	4130275	6.717	54.034	58.904	7.181	1.44E-03
600517	4130275	6.533	67.363	75.453	6.934	1.40E-03
600527	4130275	6.350	54.697	60.363	6.672	1.36E-03
600537	4130275	6.164	63.118	70.816	6.385	1.32E-03
600547	4130275	5.974	65.877	74.821	6.081	1.28E-03
600557	4130275	5.778	79.297	91.024	5.758	1.24E-03
600567	4130275	5.576	88.954	103.179	5.432	1.19E-03
600577	4130275	5.364	79.872	90.588	5.096	1.15E-03
600587	4130275	5.141	60.666	66.361	4.766	1.10E-03
600597	4130275	4.911	48.852	52.297	4.449	1.05E-03
600607	4130275	4.675	40.829	43.130	4.150	9.99E-04
600617	4130275	4.439	35.057	36.700	3.877	9.49E-04
600627	4130275	4.205	30.744	31.977	3.633	8.99E-04
600637	4130275	3.975	27.324	28.275	3.416	8.50E-04
600647	4130275	3.750	24.480	25.230	3.225	8.02E-04
600657	4130275	3.539	22.222	22.820	3.063	7.57E-04
600667	4130275	3.342	20.347	20.826	2.926	7.14E-04
600677	4130275	3.159	18.724	19.106	2.811	6.75E-04
600687	4130275	2.991	17.322	17.626	2.714	6.39E-04
600697	4130275	2.841	16.128	16.372	2.634	6.07E-04
600707	4130275	2.707	15.068	15.265	2.569	5.79E-04
600717	4130275	2.589	14.127	14.289	2.515	5.53E-04
600727	4130275	2.486	13.273	13.408	2.467	5.31E-04
600737	4130275	2.396	12.498	12.610	2.428	5.12E-04
600747	4130275	2.318	11.794	11.886	2.396	4.96E-04
600757	4130275	2.251	11.132	11.206	2.365	4.81E-04
600767	4130275	2.192	10.515	10.573	2.333	4.69E-04
600327	4130285	8.149	11.526	11.676	9.881	1.74E-03
600337	4130285	8.194	12.035	12.198	9.881	1.75E-03
600347	4130285	8.220	12.586	12.766	9.849	1.76E-03
600357	4130285	8.225	13.186	13.383	9.783	1.76E-03
600367	4130285	8.210	13.837	14.056	9.680	1.75E-03
600377	4130285	8.172	14.553	14.795	9.545	1.75E-03
600387	4130285	8.113	15.343	15.613	9.383	1.73E-03
600397	4130285	8.031	16.219	16.522	9.192	1.72E-03
600407	4130285	7.929	17.191	17.537	8.978	1.69E-03
600417	4130285	7.807	18.285	18.684	8.745	1.67E-03
600427	4130285	7.669	19.531	20.002	8.509	1.64E-03
600437	4130285	7.517	20.965	21.530	8.264	1.61E-03
600447	4130285	7.354	22.631	23.314	8.028	1.57E-03
600457	4130285	7.183	24.596	25.430	7.800	1.54E-03
600467	4130285	7.008	26.952	27.984	7.575	1.50E-03
600477	4130285	6.831	29.824	31.122	7.362	1.46E-03
600487	4130285	6.655	33.399	35.064	7.157	1.42E-03

600497	4130285	6.482	37.973	40.191	6.949	1.39E-03
600507	4130285	6.311	44.021	47.113	6.740	1.35E-03
600517	4130285	6.144	52.400	57.039	6.519	1.31E-03
600527	4130285	5.978	64.784	72.435	6.283	1.28E-03
600537	4130285	5.811	66.418	75.430	6.030	1.24E-03
600547	4130285	5.638	59.987	67.623	5.754	1.21E-03
600557	4130285	5.461	56.539	63.067	5.465	1.17E-03
600567	4130285	5.280	73.876	84.476	5.168	1.13E-03
600577	4130285	5.087	56.520	62.127	4.866	1.09E-03
600587	4130285	4.885	45.843	49.219	4.563	1.04E-03
600597	4130285	4.675	38.559	40.806	4.267	9.99E-04
600607	4130285	4.461	33.295	34.897	3.993	9.54E-04
600617	4130285	4.246	29.341	30.540	3.736	9.07E-04
600627	4130285	4.030	26.220	27.145	3.505	8.61E-04
600637	4130285	3.816	23.606	24.335	3.294	8.16E-04
600647	4130285	3.608	21.464	22.046	3.108	7.71E-04
600657	4130285	3.411	19.720	20.185	2.952	7.29E-04
600667	4130285	3.224	18.223	18.595	2.816	6.89E-04
600677	4130285	3.049	16.897	17.194	2.698	6.52E-04
600687	4130285	2.888	15.730	15.968	2.600	6.17E-04
600697	4130285	2.743	14.714	14.905	2.516	5.86E-04
600707	4130285	2.613	13.826	13.984	2.452	5.59E-04
600717	4130285	2.497	13.009	13.140	2.394	5.34E-04
600727	4130285	2.395	12.270	12.380	2.346	5.12E-04
600737	4130285	2.306	11.601	11.693	2.307	4.93E-04
600747	4130285	2.227	10.972	11.048	2.272	4.76E-04
600757	4130285	2.161	10.404	10.466	2.243	4.62E-04
600347	4130295	7.795	11.954	12.121	9.245	1.67E-03
600357	4130295	7.788	12.495	12.679	9.169	1.66E-03
600367	4130295	7.760	13.081	13.283	9.062	1.66E-03
600377	4130295	7.713	13.719	13.942	8.925	1.65E-03
600387	4130295	7.647	14.422	14.669	8.761	1.63E-03
600397	4130295	7.562	15.195	15.470	8.576	1.62E-03
600407	4130295	7.458	16.046	16.354	8.373	1.59E-03
600417	4130295	7.337	16.989	17.338	8.158	1.57E-03
600427	4130295	7.203	18.050	18.452	7.937	1.54E-03
600437	4130295	7.057	19.254	19.724	7.717	1.51E-03
600447	4130295	6.903	20.638	21.199	7.503	1.48E-03
600457	4130295	6.743	22.238	22.913	7.291	1.44E-03
600467	4130295	6.580	24.113	24.933	7.092	1.41E-03
600477	4130295	6.418	26.340	27.347	6.901	1.37E-03
600487	4130295	6.256	29.021	30.279	6.715	1.34E-03
600497	4130295	6.098	32.314	33.914	6.528	1.30E-03
600507	4130295	5.943	36.450	38.554	6.341	1.27E-03
600517	4130295	5.791	41.738	44.625	6.142	1.24E-03
600527	4130295	5.641	48.480	52.668	5.930	1.21E-03
600537	4130295	5.490	56.760	63.119	5.702	1.17E-03
600547	4130295	5.333	63.290	71.908	5.454	1.14E-03
600557	4130295	5.172	57.774	64.861	5.195	1.11E-03
600567	4130295	5.006	48.290	52.836	4.924	1.07E-03
600577	4130295	4.832	41.063	44.115	4.649	1.03E-03
600587	4130295	4.648	35.338	37.446	4.372	9.94E-04
600597	4130295	4.458	30.950	32.482	4.101	9.53E-04
600607	4130295	4.262	27.530	28.686	3.843	9.11E-04
600617	4130295	4.065	24.813	25.711	3.605	8.69E-04

600627	4130295	3.865	22.545	23.254	3.383	8.26E-04
600637	4130295	3.667	20.594	21.164	3.183	7.84E-04
600647	4130295	3.474	18.978	19.436	3.004	7.43E-04
600657	4130295	3.289	17.602	17.970	2.849	7.03E-04
600667	4130295	3.112	16.390	16.685	2.713	6.65E-04
600677	4130295	2.946	15.298	15.536	2.596	6.30E-04
600687	4130295	2.792	14.348	14.540	2.497	5.97E-04
600697	4130295	2.652	13.487	13.645	2.412	5.67E-04
600707	4130295	2.525	12.726	12.857	2.345	5.40E-04
600717	4130295	2.412	12.029	12.140	2.287	5.16E-04
600727	4130295	2.312	11.395	11.490	2.237	4.94E-04
600737	4130295	2.224	10.810	10.890	2.198	4.75E-04
600747	4130295	2.147	10.264	10.331	2.163	4.59E-04
600357	4130305	7.380	11.861	12.033	8.606	1.58E-03
600367	4130305	7.343	12.387	12.576	8.491	1.57E-03
600377	4130305	7.288	12.955	13.161	8.354	1.56E-03
600387	4130305	7.217	13.578	13.806	8.197	1.54E-03
600397	4130305	7.130	14.261	14.513	8.021	1.52E-03
600407	4130305	7.025	15.003	15.283	7.829	1.50E-03
600417	4130305	6.907	15.822	16.134	7.630	1.48E-03
600427	4130305	6.777	16.727	17.079	7.426	1.45E-03
600437	4130305	6.638	17.738	18.140	7.225	1.42E-03
600447	4130305	6.492	18.881	19.349	7.026	1.39E-03
600457	4130305	6.343	20.184	20.737	6.836	1.36E-03
600467	4130305	6.192	21.670	22.331	6.658	1.32E-03
600477	4130305	6.042	23.385	24.178	6.483	1.29E-03
600487	4130305	5.894	25.377	26.338	6.314	1.26E-03
600497	4130305	5.749	27.705	28.885	6.146	1.23E-03
600507	4130305	5.608	30.462	31.928	5.978	1.20E-03
600517	4130305	5.470	33.612	35.462	5.799	1.17E-03
600527	4130305	5.332	36.913	39.258	5.605	1.14E-03
600537	4130305	5.193	39.776	42.672	5.399	1.11E-03
600547	4130305	5.053	40.826	44.051	5.179	1.08E-03
600557	4130305	4.908	38.907	41.845	4.943	1.05E-03
600567	4130305	4.755	35.200	37.513	4.697	1.02E-03
600577	4130305	4.595	31.489	33.275	4.445	9.82E-04
600587	4130305	4.430	28.300	29.691	4.193	9.47E-04
600597	4130305	4.256	25.558	26.646	3.945	9.10E-04
600607	4130305	4.077	23.247	24.109	3.704	8.71E-04
600617	4130305	3.894	21.263	21.954	3.478	8.32E-04
600627	4130305	3.710	19.601	20.158	3.270	7.93E-04
600637	4130305	3.526	18.157	18.609	3.077	7.54E-04
600647	4130305	3.347	16.910	17.277	2.905	7.15E-04
600657	4130305	3.173	15.817	16.114	2.754	6.78E-04
600667	4130305	3.007	14.845	15.086	2.620	6.43E-04
600677	4130305	2.848	13.931	14.126	2.506	6.09E-04
600687	4130305	2.701	13.121	13.281	2.403	5.77E-04
600697	4130305	2.565	12.396	12.529	2.317	5.48E-04
600707	4130305	2.444	11.758	11.872	2.250	5.22E-04
600717	4130305	2.334	11.161	11.258	2.190	4.99E-04
600727	4130305	2.235	10.603	10.686	2.139	4.78E-04
600377	4130315	6.894	12.244	12.436	7.837	1.47E-03
600387	4130315	6.819	12.794	13.005	7.682	1.46E-03
600397	4130315	6.731	13.398	13.630	7.516	1.44E-03
600407	4130315	6.628	14.051	14.307	7.337	1.42E-03



600417	4130315	6.513	14.754	15.037	7.149	1.39E-03
600427	4130315	6.387	15.524	15.838	6.962	1.37E-03
600437	4130315	6.255	16.376	16.727	6.776	1.34E-03
600447	4130315	6.117	17.313	17.709	6.596	1.31E-03
600457	4130315	5.978	18.362	18.819	6.425	1.28E-03
600467	4130315	5.838	19.534	20.066	6.261	1.25E-03
600477	4130315	5.699	20.837	21.462	6.101	1.22E-03
600487	4130315	5.563	22.291	23.026	5.950	1.19E-03
600497	4130315	5.430	23.903	24.773	5.800	1.16E-03
600507	4130315	5.302	25.693	26.723	5.648	1.13E-03
600517	4130315	5.175	27.455	28.663	5.484	1.11E-03
600527	4130315	5.050	29.064	30.455	5.309	1.08E-03
600537	4130315	4.922	30.064	31.601	5.121	1.05E-03
600547	4130315	4.795	30.242	31.845	4.921	1.02E-03
600557	4130315	4.661	29.200	30.717	4.708	9.96E-04
600567	4130315	4.523	27.462	28.786	4.484	9.67E-04
600577	4130315	4.378	25.420	26.538	4.255	9.36E-04
600587	4130315	4.225	23.363	24.302	4.022	9.03E-04
600597	4130315	4.067	21.583	22.366	3.793	8.69E-04
600607	4130315	3.903	19.981	20.629	3.572	8.34E-04
600617	4130315	3.734	18.543	19.078	3.358	7.98E-04
600627	4130315	3.564	17.281	17.722	3.158	7.62E-04
600637	4130315	3.394	16.195	16.557	2.978	7.26E-04
600647	4130315	3.226	15.190	15.486	2.812	6.90E-04
600657	4130315	3.063	14.307	14.549	2.665	6.55E-04
600667	4130315	2.906	13.501	13.701	2.532	6.21E-04
600677	4130315	2.756	12.755	12.919	2.419	5.89E-04
600687	4130315	2.615	12.077	12.215	2.318	5.59E-04
600697	4130315	2.486	11.462	11.579	2.234	5.31E-04
600707	4130315	2.368	10.909	11.010	2.163	5.06E-04
600397	4130325	6.362	12.592	12.805	7.056	1.36E-03
600407	4130325	6.262	13.166	13.399	6.890	1.34E-03
600417	4130325	6.151	13.773	14.028	6.716	1.31E-03
600427	4130325	6.031	14.426	14.707	6.542	1.29E-03
600437	4130325	5.905	15.135	15.444	6.370	1.26E-03
600447	4130325	5.775	15.905	16.246	6.207	1.23E-03
600457	4130325	5.644	16.737	17.118	6.050	1.21E-03
600467	4130325	5.514	17.644	18.074	5.899	1.18E-03
600477	4130325	5.385	18.619	19.109	5.755	1.15E-03
600487	4130325	5.261	19.675	20.237	5.620	1.12E-03
600497	4130325	5.140	20.790	21.431	5.484	1.10E-03
600507	4130325	5.022	21.904	22.629	5.344	1.07E-03
600517	4130325	4.905	22.896	23.702	5.195	1.05E-03
600527	4130325	4.788	23.594	24.469	5.034	1.02E-03
600537	4130325	4.674	24.049	24.970	4.866	9.99E-04
600547	4130325	4.556	23.949	24.888	4.683	9.74E-04
600557	4130325	4.434	23.332	24.242	4.488	9.48E-04
600567	4130325	4.307	22.316	23.147	4.283	9.21E-04
600577	4130325	4.176	21.118	21.851	4.076	8.93E-04
600587	4130325	4.037	19.832	20.476	3.862	8.63E-04
600597	4130325	3.890	18.559	19.122	3.650	8.32E-04
600607	4130325	3.739	17.416	17.899	3.441	7.99E-04
600617	4130325	3.584	16.371	16.782	3.246	7.66E-04
600627	4130325	3.426	15.391	15.736	3.057	7.32E-04
600637	4130325	3.268	14.537	14.825	2.882	6.99E-04

600647	4130325	3.111	13.741	13.980	2.726	6.65E-04
600657	4130325	2.958	13.017	13.216	2.580	6.32E-04
600667	4130325	2.810	12.362	12.530	2.455	6.01E-04
600677	4130325	2.668	11.734	11.875	2.341	5.70E-04
600687	4130325	2.535	11.163	11.283	2.242	5.42E-04
600417	4130335	5.816	12.858	13.087	6.321	1.24E-03
600427	4130335	5.702	13.413	13.662	6.162	1.22E-03
600437	4130335	5.584	14.004	14.275	6.004	1.19E-03
600447	4130335	5.462	14.627	14.921	5.853	1.17E-03
600457	4130335	5.339	15.285	15.605	5.707	1.14E-03
600467	4130335	5.217	15.973	16.322	5.569	1.12E-03
600477	4130335	5.098	16.696	17.081	5.441	1.09E-03
600487	4130335	4.983	17.456	17.883	5.318	1.07E-03
600497	4130335	4.873	18.220	18.692	5.193	1.04E-03
600507	4130335	4.763	18.901	19.415	5.065	1.02E-03
600517	4130335	4.655	19.417	19.967	4.926	9.95E-04
600527	4130335	4.550	19.809	20.386	4.783	9.72E-04
600537	4130335	4.444	19.955	20.550	4.629	9.50E-04
600547	4130335	4.335	19.825	20.428	4.462	9.27E-04
600557	4130335	4.224	19.430	20.021	4.284	9.03E-04
600567	4130335	4.108	18.774	19.327	4.098	8.78E-04
600577	4130335	3.987	17.956	18.458	3.906	8.52E-04
600587	4130335	3.859	17.079	17.530	3.711	8.25E-04
600597	4130335	3.726	16.224	16.626	3.513	7.96E-04
600607	4130335	3.586	15.366	15.722	3.322	7.66E-04
600617	4130335	3.443	14.599	14.909	3.135	7.36E-04
600627	4130335	3.297	13.857	14.125	2.962	7.05E-04
600637	4130335	3.150	13.162	13.389	2.795	6.73E-04
600647	4130335	3.003	12.528	12.721	2.643	6.42E-04
600657	4130335	2.859	11.921	12.085	2.503	6.11E-04
600667	4130335	2.719	11.367	11.508	2.380	5.81E-04
600447	4130345	5.174	13.471	13.723	5.530	1.11E-03
600457	4130345	5.059	13.989	14.257	5.395	1.08E-03
600467	4130345	4.945	14.513	14.798	5.271	1.06E-03
600477	4130345	4.836	15.061	15.367	5.157	1.03E-03
600487	4130345	4.730	15.596	15.924	5.040	1.01E-03
600497	4130345	4.626	16.089	16.439	4.925	9.89E-04
600507	4130345	4.525	16.499	16.868	4.807	9.67E-04
600517	4130345	4.425	16.791	17.176	4.680	9.46E-04
600527	4130345	4.329	16.999	17.394	4.549	9.25E-04
600537	4130345	4.230	17.016	17.419	4.409	9.04E-04
600547	4130345	4.131	16.897	17.306	4.257	8.83E-04
600557	4130345	4.029	16.608	17.011	4.094	8.61E-04
600567	4130345	3.922	16.152	16.536	3.925	8.38E-04
600577	4130345	3.810	15.570	15.922	3.747	8.14E-04
600587	4130345	3.692	14.922	15.241	3.565	7.89E-04
600597	4130345	3.570	14.316	14.604	3.388	7.63E-04
600607	4130345	3.442	13.712	13.970	3.206	7.36E-04
600617	4130345	3.310	13.106	13.337	3.033	7.07E-04
600627	4130345	3.174	12.533	12.737	2.866	6.79E-04
600507	4130355	4.304	14.570	14.838	4.569	9.20E-04
600517	4130355	4.214	14.755	15.029	4.453	9.01E-04
600527	4130355	4.124	14.838	15.116	4.332	8.81E-04
600537	4130355	4.033	14.810	15.092	4.204	8.62E-04
600547	4130355	3.942	14.702	14.986	4.064	8.43E-04

600557	4130355	3.848	14.489	14.771	3.918	8.22E-04
600567	4130355	3.749	14.141	14.412	3.759	8.01E-04
600577	4130355	3.646	13.736	13.987	3.597	7.79E-04
599754	4130031	1.119	1.473	1.461	1.104	2.39E-04
599764	4130031	1.147	1.514	1.502	1.133	2.45E-04
599774	4130031	1.177	1.558	1.545	1.163	2.52E-04
599784	4130031	1.208	1.603	1.590	1.193	2.58E-04
599794	4130031	1.240	1.650	1.637	1.225	2.65E-04
599754	4130041	1.155	1.491	1.478	1.143	2.47E-04
599764	4130041	1.185	1.532	1.519	1.173	2.53E-04
599774	4130041	1.216	1.576	1.563	1.205	2.60E-04
599784	4130041	1.248	1.622	1.609	1.238	2.67E-04
599794	4130041	1.282	1.671	1.657	1.272	2.74E-04
599804	4130041	1.318	1.723	1.709	1.307	2.82E-04
599754	4130051	1.192	1.508	1.494	1.184	2.55E-04
599764	4130051	1.223	1.550	1.537	1.215	2.61E-04
599774	4130051	1.256	1.595	1.581	1.248	2.68E-04
599784	4130051	1.289	1.642	1.628	1.282	2.76E-04
599794	4130051	1.325	1.692	1.678	1.318	2.83E-04
599804	4130051	1.362	1.745	1.730	1.356	2.91E-04
599814	4130051	1.400	1.801	1.786	1.395	2.99E-04
599754	4130061	1.229	1.525	1.511	1.227	2.63E-04
599764	4130061	1.262	1.569	1.555	1.260	2.70E-04
599774	4130061	1.296	1.615	1.600	1.293	2.77E-04
599784	4130061	1.331	1.663	1.648	1.329	2.85E-04
599794	4130061	1.368	1.714	1.699	1.367	2.92E-04
599804	4130061	1.406	1.768	1.753	1.407	3.01E-04
599814	4130061	1.447	1.825	1.810	1.448	3.09E-04
599824	4130061	1.488	1.885	1.869	1.491	3.18E-04
599834	4130061	1.532	1.948	1.932	1.534	3.27E-04
599754	4130071	1.267	1.542	1.528	1.267	2.71E-04
599764	4130071	1.301	1.587	1.573	1.303	2.78E-04
599774	4130071	1.336	1.634	1.620	1.339	2.86E-04
599784	4130071	1.373	1.683	1.669	1.375	2.93E-04
599794	4130071	1.411	1.736	1.720	1.414	3.02E-04
599804	4130071	1.452	1.791	1.775	1.456	3.10E-04
599814	4130071	1.493	1.849	1.833	1.500	3.19E-04
599824	4130071	1.537	1.910	1.894	1.545	3.28E-04
599834	4130071	1.582	1.975	1.959	1.592	3.38E-04
599844	4130071	1.629	2.043	2.027	1.641	3.48E-04
599754	4130081	1.305	1.560	1.546	1.310	2.79E-04
599764	4130081	1.340	1.605	1.591	1.347	2.86E-04
599774	4130081	1.377	1.654	1.639	1.386	2.94E-04
599784	4130081	1.415	1.704	1.689	1.426	3.03E-04
599794	4130081	1.455	1.757	1.742	1.467	3.11E-04
599804	4130081	1.497	1.813	1.798	1.509	3.20E-04
599814	4130081	1.540	1.873	1.857	1.554	3.29E-04
599824	4130081	1.585	1.935	1.919	1.602	3.39E-04
599834	4130081	1.632	2.001	1.985	1.651	3.49E-04
599844	4130081	1.681	2.072	2.056	1.703	3.59E-04
599854	4130081	1.733	2.147	2.131	1.756	3.70E-04
599754	4130091	1.343	1.578	1.563	1.354	2.87E-04
599764	4130091	1.380	1.624	1.609	1.391	2.95E-04
599774	4130091	1.418	1.673	1.658	1.431	3.03E-04
599784	4130091	1.457	1.724	1.709	1.473	3.12E-04

599794	4130091	1.499	1.778	1.763	1.516	3.20E-04
599804	4130091	1.542	1.836	1.820	1.561	3.30E-04
599814	4130091	1.587	1.896	1.881	1.608	3.39E-04
599824	4130091	1.634	1.960	1.945	1.657	3.49E-04
599834	4130091	1.683	2.028	2.012	1.709	3.60E-04
599844	4130091	1.734	2.100	2.085	1.764	3.71E-04
599854	4130091	1.787	2.177	2.161	1.821	3.82E-04
599864	4130091	1.843	2.259	2.243	1.881	3.94E-04
599754	4130101	1.382	1.596	1.582	1.399	2.95E-04
599764	4130101	1.420	1.643	1.629	1.438	3.03E-04
599774	4130101	1.459	1.692	1.678	1.478	3.12E-04
599784	4130101	1.500	1.744	1.730	1.520	3.21E-04
599794	4130101	1.543	1.799	1.785	1.566	3.30E-04
599804	4130101	1.587	1.858	1.843	1.615	3.39E-04
599814	4130101	1.634	1.920	1.905	1.664	3.49E-04
599824	4130101	1.682	1.985	1.970	1.714	3.60E-04
599834	4130101	1.733	2.054	2.039	1.768	3.70E-04
599844	4130101	1.786	2.128	2.113	1.824	3.82E-04
599854	4130101	1.841	2.206	2.191	1.883	3.93E-04
599864	4130101	1.899	2.290	2.275	1.945	4.06E-04
599874	4130101	1.959	2.378	2.364	2.011	4.19E-04
599884	4130101	2.022	2.474	2.459	2.080	4.32E-04
599754	4130111	1.421	1.614	1.600	1.443	3.04E-04
599764	4130111	1.460	1.662	1.648	1.485	3.12E-04
599774	4130111	1.500	1.712	1.698	1.527	3.21E-04
599784	4130111	1.542	1.765	1.751	1.571	3.30E-04
599794	4130111	1.586	1.821	1.807	1.617	3.39E-04
599804	4130111	1.632	1.880	1.866	1.666	3.49E-04
599814	4130111	1.680	1.943	1.929	1.717	3.59E-04
599824	4130111	1.730	2.009	1.995	1.772	3.70E-04
599834	4130111	1.782	2.080	2.066	1.828	3.81E-04
599844	4130111	1.837	2.155	2.141	1.888	3.93E-04
599854	4130111	1.894	2.235	2.221	1.949	4.05E-04
599864	4130111	1.954	2.320	2.306	2.013	4.18E-04
599874	4130111	2.016	2.410	2.397	2.080	4.31E-04
599884	4130111	2.081	2.508	2.495	2.152	4.45E-04
599894	4130111	2.150	2.612	2.600	2.226	4.60E-04
599754	4130121	1.459	1.631	1.617	1.486	3.12E-04
599764	4130121	1.499	1.680	1.666	1.528	3.20E-04
599774	4130121	1.541	1.731	1.718	1.574	3.29E-04
599784	4130121	1.584	1.785	1.771	1.622	3.39E-04
599794	4130121	1.630	1.842	1.828	1.671	3.48E-04
599804	4130121	1.677	1.902	1.888	1.721	3.58E-04
599814	4130121	1.726	1.965	1.952	1.773	3.69E-04
599824	4130121	1.778	2.033	2.020	1.828	3.80E-04
599834	4130121	1.832	2.105	2.092	1.886	3.92E-04
599844	4130121	1.888	2.181	2.169	1.947	4.04E-04
599854	4130121	1.947	2.263	2.250	2.011	4.16E-04
599864	4130121	2.008	2.349	2.337	2.079	4.29E-04
599874	4130121	2.072	2.441	2.429	2.149	4.43E-04
599884	4130121	2.139	2.539	2.529	2.223	4.57E-04
599894	4130121	2.210	2.645	2.635	2.301	4.72E-04
599904	4130121	2.283	2.758	2.749	2.382	4.88E-04
599754	4130131	1.497	1.648	1.636	1.533	3.20E-04
599764	4130131	1.538	1.697	1.685	1.576	3.29E-04

599774	4130131	1.581	1.750	1.737	1.622	3.38E-04
599784	4130131	1.626	1.804	1.792	1.670	3.48E-04
599794	4130131	1.673	1.862	1.850	1.719	3.58E-04
599804	4130131	1.721	1.923	1.911	1.772	3.68E-04
599814	4130131	1.772	1.988	1.975	1.828	3.79E-04
599824	4130131	1.825	2.056	2.044	1.886	3.90E-04
599834	4130131	1.880	2.129	2.117	1.947	4.02E-04
599844	4130131	1.938	2.206	2.195	2.009	4.14E-04
599854	4130131	1.998	2.288	2.278	2.075	4.27E-04
599864	4130131	2.061	2.376	2.366	2.145	4.41E-04
599874	4130131	2.127	2.469	2.460	2.217	4.55E-04
599884	4130131	2.196	2.569	2.561	2.295	4.69E-04
599894	4130131	2.268	2.676	2.669	2.375	4.85E-04
599904	4130131	2.343	2.791	2.784	2.458	5.01E-04
599914	4130131	2.423	2.915	2.910	2.547	5.18E-04
599754	4130141	1.534	1.664	1.652	1.575	3.28E-04
599764	4130141	1.577	1.714	1.703	1.621	3.37E-04
599774	4130141	1.621	1.767	1.755	1.669	3.47E-04
599784	4130141	1.667	1.823	1.812	1.719	3.56E-04
599794	4130141	1.715	1.882	1.870	1.772	3.67E-04
599804	4130141	1.765	1.943	1.932	1.825	3.77E-04
599814	4130141	1.817	2.008	1.998	1.881	3.88E-04
599824	4130141	1.871	2.078	2.068	1.941	4.00E-04
599834	4130141	1.928	2.152	2.142	2.004	4.12E-04
599844	4130141	1.987	2.230	2.220	2.070	4.25E-04
599854	4130141	2.049	2.313	2.304	2.138	4.38E-04
599864	4130141	2.113	2.402	2.394	2.210	4.52E-04
599874	4130141	2.181	2.496	2.489	2.285	4.66E-04
599884	4130141	2.251	2.596	2.591	2.364	4.81E-04
599894	4130141	2.325	2.705	2.700	2.448	4.97E-04
599904	4130141	2.402	2.820	2.817	2.534	5.13E-04
599914	4130141	2.483	2.945	2.943	2.625	5.31E-04
599924	4130141	2.568	3.079	3.080	2.722	5.49E-04
599754	4130151	1.572	1.680	1.669	1.620	3.36E-04
599764	4130151	1.615	1.731	1.720	1.667	3.45E-04
599774	4130151	1.660	1.784	1.774	1.715	3.55E-04
599784	4130151	1.707	1.840	1.830	1.767	3.65E-04
599794	4130151	1.757	1.900	1.890	1.822	3.75E-04
599804	4130151	1.808	1.963	1.953	1.878	3.86E-04
599814	4130151	1.861	2.029	2.020	1.937	3.98E-04
599824	4130151	1.917	2.099	2.091	1.997	4.10E-04
599834	4130151	1.975	2.174	2.165	2.061	4.22E-04
599844	4130151	2.035	2.252	2.245	2.129	4.35E-04
599854	4130151	2.098	2.336	2.329	2.200	4.48E-04
599864	4130151	2.164	2.425	2.419	2.274	4.63E-04
599874	4130151	2.233	2.520	2.515	2.350	4.77E-04
599884	4130151	2.305	2.621	2.618	2.431	4.93E-04
599894	4130151	2.380	2.730	2.728	2.517	5.09E-04
599904	4130151	2.459	2.846	2.846	2.608	5.26E-04
599914	4130151	2.541	2.970	2.972	2.702	5.43E-04
599924	4130151	2.627	3.105	3.110	2.800	5.62E-04
599934	4130151	2.718	3.250	3.257	2.904	5.81E-04
599944	4130151	2.813	3.407	3.416	3.016	6.01E-04
599754	4130161	1.609	1.696	1.686	1.664	3.44E-04
599764	4130161	1.653	1.747	1.738	1.712	3.53E-04

599774	4130161	1.699	1.801	1.792	1.763	3.63E-04
599784	4130161	1.747	1.857	1.848	1.815	3.73E-04
599794	4130161	1.797	1.917	1.909	1.869	3.84E-04
599804	4130161	1.850	1.981	1.973	1.928	3.95E-04
599814	4130161	1.904	2.048	2.041	1.990	4.07E-04
599824	4130161	1.961	2.118	2.112	2.053	4.19E-04
599834	4130161	2.020	2.193	2.187	2.119	4.32E-04
599844	4130161	2.081	2.272	2.267	2.186	4.45E-04
599854	4130161	2.146	2.357	2.352	2.258	4.59E-04
599864	4130161	2.213	2.446	2.443	2.335	4.73E-04
599874	4130161	2.283	2.542	2.540	2.416	4.88E-04
599884	4130161	2.356	2.644	2.643	2.498	5.04E-04
599894	4130161	2.433	2.752	2.753	2.584	5.20E-04
599904	4130161	2.513	2.868	2.871	2.677	5.37E-04
599914	4130161	2.596	2.992	2.997	2.776	5.55E-04
599924	4130161	2.684	3.126	3.134	2.877	5.74E-04
599934	4130161	2.776	3.270	3.281	2.982	5.93E-04
599944	4130161	2.872	3.425	3.439	3.096	6.14E-04
599954	4130161	2.973	3.593	3.610	3.216	6.35E-04
599754	4130171	1.645	1.711	1.703	1.707	3.52E-04
599764	4130171	1.690	1.762	1.754	1.756	3.61E-04
599774	4130171	1.737	1.817	1.809	1.808	3.71E-04
599784	4130171	1.786	1.874	1.866	1.864	3.82E-04
599794	4130171	1.837	1.934	1.927	1.920	3.93E-04
599804	4130171	1.890	1.997	1.991	1.978	4.04E-04
599814	4130171	1.946	2.065	2.060	2.039	4.16E-04
599824	4130171	2.004	2.137	2.132	2.105	4.28E-04
599834	4130171	2.064	2.212	2.208	2.173	4.41E-04
599844	4130171	2.126	2.291	2.288	2.245	4.55E-04
599854	4130171	2.192	2.375	2.373	2.318	4.68E-04
599864	4130171	2.260	2.464	2.464	2.394	4.83E-04
599874	4130171	2.331	2.560	2.560	2.477	4.98E-04
599884	4130171	2.405	2.662	2.664	2.564	5.14E-04
599894	4130171	2.484	2.771	2.775	2.652	5.31E-04
599904	4130171	2.565	2.886	2.892	2.743	5.48E-04
599914	4130171	2.649	3.010	3.018	2.844	5.66E-04
599924	4130171	2.738	3.143	3.154	2.950	5.85E-04
599934	4130171	2.831	3.285	3.299	3.057	6.05E-04
599944	4130171	2.928	3.438	3.455	3.171	6.26E-04
599954	4130171	3.030	3.602	3.623	3.294	6.48E-04
599964	4130171	3.137	3.780	3.804	3.421	6.70E-04
599754	4130181	1.680	1.726	1.719	1.751	3.59E-04
599764	4130181	1.726	1.777	1.771	1.802	3.69E-04
599774	4130181	1.774	1.832	1.825	1.853	3.79E-04
599784	4130181	1.824	1.889	1.883	1.908	3.90E-04
599794	4130181	1.876	1.950	1.945	1.967	4.01E-04
599804	4130181	1.930	2.014	2.009	2.029	4.13E-04
599814	4130181	1.986	2.081	2.078	2.092	4.25E-04
599824	4130181	2.045	2.153	2.150	2.157	4.37E-04
599834	4130181	2.106	2.228	2.226	2.226	4.50E-04
599844	4130181	2.170	2.307	2.307	2.299	4.64E-04
599854	4130181	2.236	2.391	2.392	2.375	4.78E-04
599864	4130181	2.305	2.480	2.482	2.453	4.93E-04
599874	4130181	2.377	2.575	2.579	2.534	5.08E-04
599884	4130181	2.452	2.676	2.682	2.623	5.24E-04

599894	4130181	2.531	2.785	2.792	2.717	5.41E-04
599904	4130181	2.614	2.901	2.910	2.811	5.59E-04
599914	4130181	2.699	3.023	3.034	2.909	5.77E-04
599924	4130181	2.789	3.153	3.168	3.016	5.96E-04
599934	4130181	2.883	3.293	3.310	3.128	6.16E-04
599944	4130181	2.981	3.443	3.464	3.243	6.37E-04
599954	4130181	3.083	3.604	3.628	3.365	6.59E-04
599964	4130181	3.190	3.777	3.804	3.498	6.82E-04
599974	4130181	3.302	3.962	3.994	3.632	7.06E-04
599764	4130191	1.761	1.792	1.786	1.844	3.76E-04
599774	4130191	1.810	1.846	1.841	1.900	3.87E-04
599784	4130191	1.861	1.904	1.900	1.956	3.98E-04
599794	4130191	1.913	1.965	1.961	2.013	4.09E-04
599804	4130191	1.968	2.029	2.026	2.075	4.21E-04
599814	4130191	2.026	2.097	2.095	2.141	4.33E-04
599824	4130191	2.085	2.168	2.167	2.210	4.46E-04
599834	4130191	2.147	2.243	2.243	2.279	4.59E-04
599844	4130191	2.211	2.322	2.323	2.350	4.73E-04
599854	4130191	2.278	2.406	2.408	2.428	4.87E-04
599864	4130191	2.348	2.494	2.498	2.511	5.02E-04
599874	4130191	2.421	2.589	2.594	2.593	5.17E-04
599884	4130191	2.497	2.689	2.697	2.680	5.34E-04
599894	4130191	2.577	2.797	2.806	2.775	5.51E-04
599904	4130191	2.660	2.910	2.922	2.875	5.68E-04
599914	4130191	2.746	3.031	3.045	2.975	5.87E-04
599924	4130191	2.836	3.159	3.176	3.079	6.06E-04
599934	4130191	2.930	3.296	3.316	3.194	6.26E-04
599944	4130191	3.029	3.442	3.465	3.313	6.47E-04
599954	4130191	3.132	3.599	3.625	3.433	6.69E-04
599964	4130191	3.239	3.765	3.796	3.563	6.92E-04
599974	4130191	3.351	3.944	3.979	3.704	7.16E-04
599984	4130191	3.469	4.136	4.174	3.846	7.41E-04
599994	4130191	3.592	4.341	4.384	3.996	7.68E-04
599774	4130201	1.845	1.860	1.856	1.940	3.94E-04
599784	4130201	1.896	1.917	1.915	2.000	4.05E-04
599794	4130201	1.950	1.978	1.976	2.061	4.17E-04
599804	4130201	2.006	2.043	2.042	2.124	4.29E-04
599814	4130201	2.063	2.110	2.110	2.188	4.41E-04
599824	4130201	2.124	2.181	2.182	2.256	4.54E-04
599834	4130201	2.186	2.255	2.257	2.329	4.67E-04
599844	4130201	2.251	2.334	2.338	2.404	4.81E-04
599854	4130201	2.318	2.417	2.422	2.480	4.96E-04
599864	4130201	2.389	2.506	2.512	2.562	5.11E-04
599874	4130201	2.462	2.599	2.607	2.651	5.26E-04
599884	4130201	2.539	2.699	2.709	2.740	5.43E-04
599894	4130201	2.619	2.804	2.816	2.831	5.60E-04
599904	4130201	2.703	2.916	2.930	2.929	5.78E-04
599914	4130201	2.789	3.034	3.050	3.036	5.96E-04
599924	4130201	2.880	3.160	3.179	3.143	6.16E-04
599934	4130201	2.975	3.293	3.316	3.253	6.36E-04
599944	4130201	3.073	3.436	3.461	3.374	6.57E-04
599954	4130201	3.176	3.587	3.615	3.499	6.79E-04
599964	4130201	3.283	3.747	3.780	3.628	7.02E-04
599974	4130201	3.396	3.919	3.955	3.765	7.26E-04
599984	4130201	3.513	4.102	4.142	3.911	7.51E-04

599784	4130211	1.930	1.930	1.929	2.041	4.13E-04
599794	4130211	1.984	1.990	1.990	2.102	4.24E-04
599804	4130211	2.041	2.054	2.055	2.168	4.36E-04
599814	4130211	2.099	2.121	2.123	2.235	4.49E-04
599824	4130211	2.160	2.191	2.194	2.304	4.62E-04
599834	4130211	2.223	2.265	2.270	2.375	4.75E-04
599844	4130211	2.288	2.344	2.350	2.453	4.89E-04
599854	4130211	2.357	2.427	2.434	2.533	5.04E-04
599864	4130211	2.428	2.514	2.523	2.613	5.19E-04
599874	4130211	2.502	2.607	2.617	2.699	5.35E-04
599884	4130211	2.579	2.705	2.717	2.792	5.51E-04
599894	4130211	2.659	2.808	2.822	2.889	5.68E-04
599904	4130211	2.742	2.917	2.933	2.984	5.86E-04
599914	4130211	2.829	3.033	3.052	3.086	6.05E-04
599924	4130211	2.920	3.156	3.177	3.199	6.24E-04
599934	4130211	3.015	3.286	3.310	3.313	6.44E-04
599944	4130211	3.113	3.423	3.450	3.431	6.65E-04
599954	4130211	3.216	3.569	3.599	3.555	6.87E-04
599964	4130211	3.323	3.723	3.757	3.686	7.10E-04
599974	4130211	3.434	3.888	3.924	3.824	7.34E-04
599984	4130211	3.551	4.062	4.102	3.969	7.59E-04
599794	4130221	2.018	2.001	2.002	2.146	4.31E-04
599804	4130221	2.074	2.064	2.067	2.210	4.43E-04
599814	4130221	2.133	2.130	2.134	2.278	4.56E-04
599824	4130221	2.194	2.200	2.205	2.349	4.69E-04
599834	4130221	2.257	2.274	2.280	2.421	4.82E-04
599844	4130221	2.323	2.351	2.359	2.496	4.97E-04
599854	4130221	2.392	2.433	2.442	2.579	5.11E-04
599864	4130221	2.464	2.520	2.531	2.664	5.27E-04
599874	4130221	2.538	2.611	2.623	2.750	5.42E-04
599884	4130221	2.615	2.707	2.721	2.839	5.59E-04
599894	4130221	2.695	2.808	2.824	2.936	5.76E-04
599904	4130221	2.779	2.915	2.933	3.038	5.94E-04
599914	4130221	2.866	3.028	3.049	3.141	6.13E-04
599924	4130221	2.957	3.147	3.170	3.248	6.32E-04
599934	4130221	3.051	3.273	3.298	3.363	6.52E-04
599944	4130221	3.149	3.406	3.434	3.483	6.73E-04
599954	4130221	3.251	3.546	3.577	3.608	6.95E-04
599964	4130221	3.357	3.695	3.728	3.739	7.18E-04
599974	4130221	3.468	3.851	3.888	3.875	7.41E-04
599804	4130231	2.106	2.073	2.077	2.252	4.50E-04
599814	4130231	2.165	2.138	2.144	2.319	4.63E-04
599824	4130231	2.226	2.207	2.214	2.389	4.76E-04
599834	4130231	2.290	2.280	2.288	2.466	4.89E-04
599844	4130231	2.356	2.356	2.366	2.543	5.04E-04
599854	4130231	2.425	2.437	2.448	2.622	5.18E-04
599864	4130231	2.497	2.523	2.535	2.706	5.34E-04
599874	4130231	2.571	2.612	2.626	2.796	5.50E-04
599884	4130231	2.648	2.706	2.722	2.888	5.66E-04
599894	4130231	2.729	2.805	2.823	2.982	5.83E-04
599904	4130231	2.812	2.910	2.930	3.082	6.01E-04
599914	4130231	2.899	3.019	3.041	3.187	6.20E-04
599924	4130231	2.989	3.135	3.159	3.296	6.39E-04
599934	4130231	3.083	3.256	3.283	3.410	6.59E-04
599944	4130231	3.180	3.384	3.413	3.529	6.80E-04



599954	4130231	3.282	3.519	3.550	3.653	7.01E-04
599964	4130231	3.387	3.661	3.695	3.784	7.24E-04
599824	4130241	2.257	2.213	2.221	2.432	4.82E-04
599834	4130241	2.321	2.284	2.294	2.504	4.96E-04
599844	4130241	2.387	2.360	2.371	2.583	5.10E-04
599854	4130241	2.456	2.439	2.452	2.664	5.25E-04
599864	4130241	2.527	2.523	2.537	2.749	5.40E-04
599874	4130241	2.602	2.610	2.626	2.837	5.56E-04
599884	4130241	2.679	2.702	2.719	2.929	5.73E-04
599894	4130241	2.759	2.799	2.818	3.025	5.90E-04
599904	4130241	2.842	2.900	2.922	3.124	6.07E-04
599914	4130241	2.928	3.007	3.030	3.230	6.26E-04
599924	4130241	3.018	3.118	3.143	3.338	6.45E-04
599934	4130241	3.110	3.235	3.263	3.450	6.65E-04
599944	4130241	3.207	3.358	3.388	3.570	6.85E-04
599954	4130241	3.307	3.488	3.519	3.694	7.07E-04
599964	4130241	3.412	3.623	3.657	3.822	7.29E-04
599834	4130251	2.349	2.287	2.298	2.543	5.02E-04
599844	4130251	2.415	2.361	2.374	2.622	5.16E-04
599854	4130251	2.484	2.439	2.453	2.703	5.31E-04
599864	4130251	2.555	2.521	2.536	2.787	5.46E-04
599874	4130251	2.629	2.606	2.623	2.875	5.62E-04
599884	4130251	2.706	2.696	2.715	2.967	5.78E-04
599894	4130251	2.786	2.790	2.810	3.064	5.95E-04
599904	4130251	2.868	2.888	2.910	3.162	6.13E-04
599914	4130251	2.953	2.991	3.015	3.266	6.31E-04
599924	4130251	3.042	3.098	3.124	3.375	6.50E-04
599934	4130251	3.134	3.211	3.239	3.487	6.70E-04
599944	4130251	3.229	3.329	3.359	3.604	6.90E-04
599954	4130251	3.328	3.453	3.485	3.727	7.11E-04
599844	4130261	2.441	2.360	2.374	2.656	5.22E-04
599854	4130261	2.509	2.436	2.452	2.737	5.36E-04
599864	4130261	2.580	2.516	2.533	2.823	5.52E-04
599874	4130261	2.654	2.600	2.618	2.911	5.67E-04
599884	4130261	2.730	2.687	2.707	3.001	5.84E-04
599894	4130261	2.809	2.778	2.799	3.097	6.00E-04
599904	4130261	2.891	2.873	2.896	3.197	6.18E-04
599914	4130261	2.975	2.972	2.997	3.298	6.36E-04
599924	4130261	3.063	3.076	3.102	3.406	6.55E-04
599934	4130261	3.153	3.185	3.213	3.517	6.74E-04
599944	4130261	3.248	3.298	3.328	3.632	6.94E-04
599854	4130271	2.532	2.432	2.448	2.769	5.41E-04
599864	4130271	2.602	2.509	2.527	2.853	5.56E-04
599874	4130271	2.675	2.591	2.610	2.941	5.72E-04
599884	4130271	2.751	2.675	2.696	3.033	5.88E-04
599894	4130271	2.829	2.764	2.786	3.126	6.05E-04
599904	4130271	2.909	2.855	2.879	3.224	6.22E-04
599914	4130271	2.993	2.951	2.976	3.326	6.40E-04
599924	4130271	3.079	3.051	3.078	3.431	6.58E-04
599934	4130271	3.169	3.155	3.184	3.542	6.77E-04
599944	4130271	3.261	3.264	3.294	3.658	6.97E-04
599864	4130281	2.622	2.500	2.519	2.881	5.60E-04
599874	4130281	2.694	2.579	2.599	2.968	5.76E-04
599884	4130281	2.768	2.661	2.683	3.058	5.92E-04
599894	4130281	2.845	2.747	2.769	3.152	6.08E-04

599904	4130281	2.925	2.836	2.860	3.248	6.25E-04
599914	4130281	3.007	2.928	2.954	3.349	6.43E-04
599924	4130281	3.092	3.024	3.051	3.453	6.61E-04
599934	4130281	3.180	3.124	3.152	3.561	6.80E-04
599884	4130291	2.783	2.645	2.667	3.080	5.95E-04
599894	4130291	2.858	2.728	2.751	3.172	6.11E-04
599904	4130291	2.937	2.814	2.838	3.268	6.28E-04
599914	4130291	3.018	2.903	2.929	3.367	6.45E-04
599924	4130291	3.101	2.996	3.023	3.470	6.63E-04
599894	4130301	2.868	2.708	2.731	3.189	6.13E-04
599904	4130301	2.945	2.791	2.815	3.283	6.30E-04
599914	4130301	3.025	2.876	2.902	3.379	6.47E-04
599924	4130301	3.106	2.965	2.992	3.481	6.64E-04
599904	4130311	2.951	2.766	2.791	3.293	6.31E-04
599914	4130311	3.028	2.849	2.874	3.390	6.47E-04
600476.11	4129997.4	98.653	16.417	16.678	67.950	2.11E-02
600542.03	4129901.2	70.796	22.614	24.240	45.164	1.51E-02
600613.19	4129963.4	172.055	48.270	53.903	96.845	3.68E-02
600542.4	4130050.2	74.045	19.885	20.163	47.589	1.58E-02

Project PM2.5 Concentrations (ug/m <sup>3</sup> )				Maximum	BAAQMD Threshold
HAUL	LD	SHREDDER	Total		
5.75E-04	3.72E-05	4.59E-04	1.62E-03	0.11	0.30
5.77E-04	3.74E-05	4.84E-04	1.69E-03		
5.80E-04	3.75E-05	5.08E-04	1.76E-03		
5.82E-04	3.77E-05	5.32E-04	1.82E-03		
5.85E-04	3.78E-05	5.57E-04	1.89E-03		
5.86E-04	3.79E-05	5.81E-04	1.95E-03		
5.73E-04	3.72E-05	3.32E-04	1.31E-03		
5.77E-04	3.74E-05	3.55E-04	1.37E-03		
5.81E-04	3.77E-05	3.78E-04	1.43E-03		
5.85E-04	3.79E-05	4.03E-04	1.49E-03		
5.88E-04	3.81E-05	4.28E-04	1.56E-03		
5.92E-04	3.83E-05	4.54E-04	1.62E-03		
5.95E-04	3.86E-05	4.81E-04	1.69E-03		
5.98E-04	3.87E-05	5.07E-04	1.76E-03		
6.01E-04	3.89E-05	5.33E-04	1.83E-03		
6.04E-04	3.91E-05	5.59E-04	1.91E-03		
6.06E-04	3.92E-05	5.85E-04	1.98E-03		
6.08E-04	3.93E-05	6.11E-04	2.05E-03		
6.11E-04	3.95E-05	6.35E-04	2.12E-03		
6.13E-04	3.96E-05	6.59E-04	2.19E-03		
6.15E-04	3.97E-05	6.82E-04	2.26E-03		
6.16E-04	3.97E-05	7.03E-04	2.32E-03		
6.17E-04	3.98E-05	7.22E-04	2.38E-03		
6.18E-04	3.99E-05	7.41E-04	2.44E-03		
5.75E-04	3.73E-05	2.60E-04	1.15E-03		
5.80E-04	3.76E-05	2.79E-04	1.20E-03		
5.85E-04	3.79E-05	3.00E-04	1.25E-03		
5.90E-04	3.82E-05	3.22E-04	1.31E-03		
5.94E-04	3.85E-05	3.46E-04	1.36E-03		
5.98E-04	3.87E-05	3.70E-04	1.42E-03		
6.02E-04	3.90E-05	3.95E-04	1.49E-03		
6.06E-04	3.93E-05	4.21E-04	1.55E-03		
6.10E-04	3.95E-05	4.48E-04	1.62E-03		
6.14E-04	3.97E-05	4.76E-04	1.69E-03		
6.17E-04	4.00E-05	5.04E-04	1.77E-03		
6.20E-04	4.02E-05	5.32E-04	1.84E-03		
6.24E-04	4.04E-05	5.61E-04	1.92E-03		
6.26E-04	4.05E-05	5.88E-04	2.00E-03		
6.29E-04	4.07E-05	6.16E-04	2.07E-03		
6.32E-04	4.08E-05	6.43E-04	2.15E-03		
6.34E-04	4.10E-05	6.69E-04	2.23E-03		
6.36E-04	4.11E-05	6.94E-04	2.30E-03		
6.39E-04	4.12E-05	7.18E-04	2.37E-03		
6.40E-04	4.13E-05	7.40E-04	2.44E-03		
6.41E-04	4.14E-05	7.60E-04	2.50E-03		
6.43E-04	4.14E-05	7.79E-04	2.56E-03		
6.44E-04	4.15E-05	7.97E-04	2.62E-03		
6.45E-04	4.15E-05	8.13E-04	2.67E-03		
6.46E-04	4.16E-05	8.27E-04	2.72E-03		
5.84E-04	3.79E-05	2.31E-04	1.10E-03		
5.90E-04	3.82E-05	2.49E-04	1.15E-03		

5.95E-04	3.86E-05	2.68E-04	1.19E-03
6.00E-04	3.89E-05	2.89E-04	1.24E-03
6.05E-04	3.92E-05	3.12E-04	1.30E-03
6.10E-04	3.96E-05	3.35E-04	1.35E-03
6.15E-04	3.99E-05	3.60E-04	1.41E-03
6.20E-04	4.02E-05	3.86E-04	1.48E-03
6.24E-04	4.04E-05	4.12E-04	1.54E-03
6.28E-04	4.07E-05	4.41E-04	1.62E-03
6.33E-04	4.10E-05	4.70E-04	1.69E-03
6.37E-04	4.12E-05	5.00E-04	1.77E-03
6.40E-04	4.15E-05	5.29E-04	1.85E-03
6.44E-04	4.17E-05	5.59E-04	1.93E-03
6.48E-04	4.19E-05	5.90E-04	2.01E-03
6.51E-04	4.21E-05	6.19E-04	2.09E-03
6.54E-04	4.23E-05	6.49E-04	2.18E-03
6.57E-04	4.24E-05	6.78E-04	2.26E-03
6.59E-04	4.26E-05	7.05E-04	2.34E-03
6.62E-04	4.27E-05	7.32E-04	2.42E-03
6.64E-04	4.29E-05	7.57E-04	2.50E-03
6.66E-04	4.30E-05	7.80E-04	2.57E-03
6.68E-04	4.31E-05	8.02E-04	2.64E-03
6.69E-04	4.31E-05	8.21E-04	2.70E-03
6.70E-04	4.32E-05	8.38E-04	2.75E-03
6.71E-04	4.32E-05	8.54E-04	2.81E-03
6.72E-04	4.33E-05	8.68E-04	2.86E-03
6.73E-04	4.33E-05	8.81E-04	2.90E-03
6.73E-04	4.33E-05	8.91E-04	2.94E-03
6.74E-04	4.33E-05	9.01E-04	2.97E-03
5.93E-04	3.84E-05	2.05E-04	1.06E-03
5.99E-04	3.88E-05	2.21E-04	1.10E-03
6.04E-04	3.92E-05	2.38E-04	1.14E-03
6.10E-04	3.95E-05	2.57E-04	1.18E-03
6.16E-04	3.99E-05	2.78E-04	1.23E-03
6.22E-04	4.03E-05	3.00E-04	1.28E-03
6.27E-04	4.06E-05	3.24E-04	1.34E-03
6.33E-04	4.10E-05	3.49E-04	1.40E-03
6.38E-04	4.13E-05	3.75E-04	1.47E-03
6.43E-04	4.17E-05	4.03E-04	1.54E-03
6.48E-04	4.20E-05	4.31E-04	1.61E-03
6.52E-04	4.22E-05	4.62E-04	1.69E-03
6.57E-04	4.25E-05	4.93E-04	1.77E-03
6.61E-04	4.28E-05	5.25E-04	1.85E-03
6.65E-04	4.31E-05	5.57E-04	1.93E-03
6.69E-04	4.33E-05	5.89E-04	2.02E-03
6.73E-04	4.35E-05	6.21E-04	2.11E-03
6.77E-04	4.38E-05	6.53E-04	2.20E-03
6.80E-04	4.40E-05	6.85E-04	2.29E-03
6.83E-04	4.42E-05	7.15E-04	2.38E-03
6.86E-04	4.43E-05	7.44E-04	2.46E-03
6.89E-04	4.45E-05	7.72E-04	2.55E-03
6.92E-04	4.46E-05	7.98E-04	2.63E-03
6.94E-04	4.48E-05	8.23E-04	2.71E-03
6.96E-04	4.49E-05	8.45E-04	2.78E-03
6.97E-04	4.49E-05	8.65E-04	2.84E-03
6.99E-04	4.50E-05	8.83E-04	2.90E-03

7.00E-04	4.50E-05	8.99E-04	2.96E-03
7.01E-04	4.51E-05	9.13E-04	3.01E-03
7.01E-04	4.51E-05	9.26E-04	3.05E-03
7.02E-04	4.52E-05	9.36E-04	3.09E-03
7.03E-04	4.52E-05	9.45E-04	3.12E-03
7.03E-04	4.52E-05	9.52E-04	3.15E-03
7.03E-04	4.52E-05	9.58E-04	3.17E-03
6.00E-04	3.89E-05	1.81E-04	1.02E-03
6.07E-04	3.93E-05	1.95E-04	1.05E-03
6.13E-04	3.97E-05	2.10E-04	1.09E-03
6.19E-04	4.01E-05	2.27E-04	1.13E-03
6.26E-04	4.05E-05	2.46E-04	1.17E-03
6.32E-04	4.09E-05	2.66E-04	1.22E-03
6.38E-04	4.13E-05	2.87E-04	1.27E-03
6.44E-04	4.17E-05	3.11E-04	1.33E-03
6.50E-04	4.21E-05	3.36E-04	1.39E-03
6.56E-04	4.25E-05	3.63E-04	1.46E-03
6.62E-04	4.29E-05	3.92E-04	1.53E-03
6.67E-04	4.32E-05	4.21E-04	1.60E-03
6.72E-04	4.36E-05	4.52E-04	1.68E-03
6.77E-04	4.39E-05	4.85E-04	1.76E-03
6.82E-04	4.42E-05	5.18E-04	1.84E-03
6.87E-04	4.45E-05	5.52E-04	1.93E-03
6.92E-04	4.48E-05	5.87E-04	2.03E-03
6.96E-04	4.50E-05	6.21E-04	2.12E-03
7.00E-04	4.53E-05	6.55E-04	2.22E-03
7.05E-04	4.56E-05	6.90E-04	2.31E-03
7.09E-04	4.58E-05	7.24E-04	2.41E-03
7.12E-04	4.60E-05	7.56E-04	2.50E-03
7.15E-04	4.62E-05	7.87E-04	2.60E-03
7.18E-04	4.64E-05	8.16E-04	2.69E-03
7.21E-04	4.65E-05	8.43E-04	2.77E-03
7.24E-04	4.67E-05	8.69E-04	2.86E-03
7.26E-04	4.68E-05	8.92E-04	2.93E-03
7.28E-04	4.69E-05	9.13E-04	3.00E-03
7.29E-04	4.70E-05	9.31E-04	3.06E-03
7.31E-04	4.70E-05	9.48E-04	3.12E-03
7.31E-04	4.71E-05	9.62E-04	3.17E-03
7.32E-04	4.71E-05	9.74E-04	3.22E-03
7.33E-04	4.71E-05	9.84E-04	3.25E-03
7.34E-04	4.72E-05	9.93E-04	3.29E-03
7.34E-04	4.72E-05	1.00E-03	3.31E-03
7.34E-04	4.72E-05	1.00E-03	3.34E-03
7.34E-04	4.72E-05	1.01E-03	3.36E-03
7.33E-04	4.71E-05	1.01E-03	3.37E-03
6.14E-04	3.98E-05	1.72E-04	1.02E-03
6.21E-04	4.03E-05	1.85E-04	1.05E-03
6.28E-04	4.07E-05	2.00E-04	1.09E-03
6.35E-04	4.11E-05	2.16E-04	1.12E-03
6.41E-04	4.16E-05	2.34E-04	1.17E-03
6.48E-04	4.20E-05	2.53E-04	1.21E-03
6.55E-04	4.24E-05	2.74E-04	1.26E-03
6.61E-04	4.28E-05	2.97E-04	1.32E-03
6.67E-04	4.33E-05	3.22E-04	1.38E-03
6.74E-04	4.37E-05	3.49E-04	1.44E-03

6.80E-04	4.41E-05	3.78E-04	1.51E-03
6.87E-04	4.45E-05	4.09E-04	1.59E-03
6.93E-04	4.49E-05	4.41E-04	1.66E-03
6.99E-04	4.52E-05	4.73E-04	1.75E-03
7.04E-04	4.56E-05	5.09E-04	1.84E-03
7.09E-04	4.59E-05	5.45E-04	1.93E-03
7.15E-04	4.63E-05	5.82E-04	2.03E-03
7.20E-04	4.66E-05	6.19E-04	2.13E-03
7.25E-04	4.69E-05	6.56E-04	2.23E-03
7.30E-04	4.72E-05	6.93E-04	2.33E-03
7.35E-04	4.75E-05	7.31E-04	2.44E-03
7.39E-04	4.77E-05	7.66E-04	2.54E-03
7.43E-04	4.80E-05	8.00E-04	2.65E-03
7.46E-04	4.82E-05	8.33E-04	2.74E-03
7.50E-04	4.84E-05	8.64E-04	2.84E-03
7.53E-04	4.86E-05	8.92E-04	2.93E-03
7.56E-04	4.87E-05	9.19E-04	3.02E-03
7.58E-04	4.89E-05	9.43E-04	3.10E-03
7.60E-04	4.90E-05	9.65E-04	3.17E-03
7.62E-04	4.91E-05	9.84E-04	3.24E-03
7.64E-04	4.92E-05	1.00E-03	3.30E-03
7.65E-04	4.92E-05	1.01E-03	3.35E-03
7.65E-04	4.92E-05	1.03E-03	3.39E-03
7.66E-04	4.93E-05	1.04E-03	3.43E-03
7.67E-04	4.93E-05	1.04E-03	3.47E-03
7.67E-04	4.93E-05	1.05E-03	3.49E-03
7.68E-04	4.94E-05	1.06E-03	3.52E-03
7.67E-04	4.93E-05	1.06E-03	3.53E-03
7.67E-04	4.93E-05	1.06E-03	3.54E-03
7.66E-04	4.92E-05	1.06E-03	3.55E-03
7.65E-04	4.92E-05	1.06E-03	3.55E-03
6.23E-04	4.04E-05	1.53E-04	9.94E-04
6.30E-04	4.08E-05	1.64E-04	1.02E-03
6.36E-04	4.12E-05	1.76E-04	1.05E-03
6.43E-04	4.17E-05	1.90E-04	1.08E-03
6.50E-04	4.22E-05	2.05E-04	1.12E-03
6.58E-04	4.26E-05	2.22E-04	1.16E-03
6.65E-04	4.31E-05	2.40E-04	1.20E-03
6.72E-04	4.35E-05	2.61E-04	1.25E-03
6.79E-04	4.40E-05	2.83E-04	1.30E-03
6.86E-04	4.44E-05	3.08E-04	1.36E-03
6.93E-04	4.49E-05	3.35E-04	1.43E-03
7.00E-04	4.54E-05	3.64E-04	1.50E-03
7.07E-04	4.58E-05	3.94E-04	1.57E-03
7.14E-04	4.62E-05	4.27E-04	1.65E-03
7.20E-04	4.67E-05	4.62E-04	1.73E-03
7.27E-04	4.71E-05	4.97E-04	1.83E-03
7.33E-04	4.75E-05	5.36E-04	1.92E-03
7.39E-04	4.78E-05	5.74E-04	2.02E-03
7.45E-04	4.82E-05	6.13E-04	2.13E-03
7.50E-04	4.85E-05	6.53E-04	2.23E-03
7.56E-04	4.89E-05	6.94E-04	2.35E-03
7.62E-04	4.92E-05	7.34E-04	2.46E-03
7.67E-04	4.95E-05	7.74E-04	2.57E-03
7.71E-04	4.98E-05	8.12E-04	2.69E-03

7.76E-04	5.01E-05	8.48E-04	2.80E-03
7.80E-04	5.03E-05	8.84E-04	2.91E-03
7.84E-04	5.06E-05	9.16E-04	3.01E-03
7.87E-04	5.08E-05	9.46E-04	3.11E-03
7.90E-04	5.09E-05	9.74E-04	3.20E-03
7.93E-04	5.11E-05	9.98E-04	3.28E-03
7.95E-04	5.12E-05	1.02E-03	3.36E-03
7.98E-04	5.14E-05	1.04E-03	3.43E-03
8.00E-04	5.15E-05	1.06E-03	3.49E-03
8.02E-04	5.16E-05	1.07E-03	3.55E-03
8.02E-04	5.16E-05	1.08E-03	3.59E-03
8.02E-04	5.16E-05	1.09E-03	3.63E-03
8.03E-04	5.17E-05	1.10E-03	3.66E-03
8.04E-04	5.17E-05	1.11E-03	3.69E-03
8.04E-04	5.17E-05	1.11E-03	3.71E-03
8.03E-04	5.16E-05	1.11E-03	3.72E-03
8.03E-04	5.16E-05	1.11E-03	3.73E-03
8.02E-04	5.16E-05	1.11E-03	3.74E-03
8.01E-04	5.15E-05	1.11E-03	3.74E-03
8.00E-04	5.14E-05	1.11E-03	3.74E-03
6.37E-04	4.13E-05	1.47E-04	1.00E-03
6.45E-04	4.18E-05	1.57E-04	1.03E-03
6.52E-04	4.23E-05	1.68E-04	1.05E-03
6.60E-04	4.28E-05	1.80E-04	1.09E-03
6.67E-04	4.32E-05	1.94E-04	1.12E-03
6.74E-04	4.37E-05	2.10E-04	1.16E-03
6.82E-04	4.42E-05	2.28E-04	1.20E-03
6.89E-04	4.47E-05	2.47E-04	1.24E-03
6.97E-04	4.52E-05	2.69E-04	1.29E-03
7.04E-04	4.56E-05	2.93E-04	1.35E-03
7.12E-04	4.62E-05	3.20E-04	1.41E-03
7.21E-04	4.67E-05	3.48E-04	1.48E-03
7.28E-04	4.72E-05	3.79E-04	1.55E-03
7.35E-04	4.76E-05	4.12E-04	1.63E-03
7.42E-04	4.81E-05	4.47E-04	1.72E-03
7.49E-04	4.85E-05	4.84E-04	1.81E-03
7.57E-04	4.90E-05	5.23E-04	1.91E-03
7.64E-04	4.94E-05	5.64E-04	2.01E-03
7.70E-04	4.98E-05	6.05E-04	2.12E-03
7.76E-04	5.02E-05	6.48E-04	2.23E-03
7.83E-04	5.06E-05	6.92E-04	2.35E-03
7.90E-04	5.11E-05	7.36E-04	2.47E-03
7.95E-04	5.14E-05	7.78E-04	2.59E-03
8.01E-04	5.17E-05	8.21E-04	2.72E-03
8.06E-04	5.21E-05	8.62E-04	2.84E-03
8.11E-04	5.24E-05	9.01E-04	2.96E-03
8.16E-04	5.27E-05	9.38E-04	3.08E-03
8.21E-04	5.29E-05	9.73E-04	3.19E-03
8.25E-04	5.32E-05	1.00E-03	3.30E-03
8.28E-04	5.33E-05	1.03E-03	3.39E-03
8.31E-04	5.35E-05	1.06E-03	3.48E-03
8.33E-04	5.36E-05	1.08E-03	3.56E-03
8.36E-04	5.38E-05	1.10E-03	3.64E-03
8.38E-04	5.40E-05	1.12E-03	3.70E-03
8.40E-04	5.41E-05	1.13E-03	3.76E-03

8.41E-04	5.41E-05	1.14E-03	3.80E-03
8.41E-04	5.41E-05	1.15E-03	3.84E-03
8.42E-04	5.42E-05	1.16E-03	3.87E-03
8.43E-04	5.42E-05	1.16E-03	3.90E-03
8.42E-04	5.42E-05	1.17E-03	3.91E-03
8.42E-04	5.41E-05	1.17E-03	3.93E-03
8.41E-04	5.41E-05	1.17E-03	3.93E-03
8.41E-04	5.41E-05	1.17E-03	3.94E-03
8.40E-04	5.40E-05	1.17E-03	3.94E-03
8.39E-04	5.39E-05	1.17E-03	3.94E-03
8.38E-04	5.39E-05	1.16E-03	3.93E-03
6.44E-04	4.17E-05	1.34E-04	9.86E-04
6.52E-04	4.23E-05	1.41E-04	1.01E-03
6.60E-04	4.28E-05	1.50E-04	1.03E-03
6.68E-04	4.33E-05	1.60E-04	1.06E-03
6.76E-04	4.38E-05	1.72E-04	1.09E-03
6.84E-04	4.44E-05	1.85E-04	1.12E-03
6.92E-04	4.49E-05	1.99E-04	1.16E-03
7.00E-04	4.54E-05	2.16E-04	1.20E-03
7.08E-04	4.59E-05	2.34E-04	1.24E-03
7.16E-04	4.64E-05	2.55E-04	1.29E-03
7.23E-04	4.69E-05	2.78E-04	1.34E-03
7.32E-04	4.74E-05	3.03E-04	1.40E-03
7.41E-04	4.80E-05	3.32E-04	1.47E-03
7.49E-04	4.86E-05	3.62E-04	1.54E-03
7.57E-04	4.91E-05	3.95E-04	1.62E-03
7.65E-04	4.96E-05	4.31E-04	1.70E-03
7.73E-04	5.01E-05	4.68E-04	1.79E-03
7.81E-04	5.06E-05	5.08E-04	1.89E-03
7.89E-04	5.11E-05	5.50E-04	1.99E-03
7.96E-04	5.15E-05	5.94E-04	2.11E-03
8.03E-04	5.20E-05	6.39E-04	2.22E-03
8.11E-04	5.25E-05	6.86E-04	2.35E-03
8.18E-04	5.29E-05	7.34E-04	2.48E-03
8.25E-04	5.33E-05	7.80E-04	2.61E-03
8.32E-04	5.37E-05	8.27E-04	2.74E-03
8.38E-04	5.41E-05	8.72E-04	2.88E-03
8.44E-04	5.45E-05	9.16E-04	3.01E-03
8.50E-04	5.48E-05	9.58E-04	3.14E-03
8.55E-04	5.52E-05	9.98E-04	3.27E-03
8.60E-04	5.55E-05	1.03E-03	3.39E-03
8.65E-04	5.58E-05	1.07E-03	3.50E-03
8.69E-04	5.60E-05	1.10E-03	3.61E-03
8.72E-04	5.62E-05	1.12E-03	3.70E-03
8.74E-04	5.63E-05	1.15E-03	3.78E-03
8.77E-04	5.65E-05	1.17E-03	3.86E-03
8.80E-04	5.67E-05	1.18E-03	3.93E-03
8.82E-04	5.68E-05	1.20E-03	3.99E-03
8.83E-04	5.68E-05	1.21E-03	4.03E-03
8.83E-04	5.69E-05	1.22E-03	4.07E-03
8.84E-04	5.69E-05	1.22E-03	4.10E-03
8.84E-04	5.69E-05	1.23E-03	4.12E-03
8.84E-04	5.69E-05	1.23E-03	4.14E-03
8.84E-04	5.69E-05	1.23E-03	4.15E-03
8.83E-04	5.68E-05	1.23E-03	4.16E-03



8.83E-04	5.68E-05	1.23E-03	4.16E-03
8.82E-04	5.67E-05	1.23E-03	4.16E-03
8.80E-04	5.66E-05	1.23E-03	4.15E-03
8.79E-04	5.65E-05	1.22E-03	4.14E-03
8.77E-04	5.64E-05	1.22E-03	4.13E-03
8.76E-04	5.63E-05	1.21E-03	4.12E-03
6.58E-04	4.27E-05	1.30E-04	9.98E-04
6.67E-04	4.32E-05	1.37E-04	1.02E-03
6.75E-04	4.38E-05	1.45E-04	1.04E-03
6.84E-04	4.43E-05	1.53E-04	1.07E-03
6.93E-04	4.49E-05	1.64E-04	1.10E-03
7.02E-04	4.55E-05	1.76E-04	1.13E-03
7.10E-04	4.60E-05	1.89E-04	1.16E-03
7.19E-04	4.66E-05	2.04E-04	1.20E-03
7.27E-04	4.72E-05	2.22E-04	1.24E-03
7.36E-04	4.77E-05	2.41E-04	1.28E-03
7.43E-04	4.82E-05	2.62E-04	1.33E-03
7.52E-04	4.87E-05	2.86E-04	1.39E-03
7.62E-04	4.94E-05	3.14E-04	1.45E-03
7.71E-04	4.99E-05	3.44E-04	1.52E-03
7.80E-04	5.05E-05	3.77E-04	1.60E-03
7.88E-04	5.11E-05	4.12E-04	1.68E-03
7.97E-04	5.16E-05	4.50E-04	1.77E-03
8.05E-04	5.21E-05	4.91E-04	1.87E-03
8.14E-04	5.27E-05	5.34E-04	1.97E-03
8.22E-04	5.32E-05	5.79E-04	2.09E-03
8.31E-04	5.38E-05	6.27E-04	2.21E-03
8.39E-04	5.43E-05	6.77E-04	2.34E-03
8.48E-04	5.49E-05	7.28E-04	2.48E-03
8.56E-04	5.53E-05	7.78E-04	2.62E-03
8.64E-04	5.58E-05	8.30E-04	2.76E-03
8.71E-04	5.63E-05	8.80E-04	2.91E-03
8.78E-04	5.67E-05	9.29E-04	3.05E-03
8.85E-04	5.71E-05	9.76E-04	3.20E-03
8.91E-04	5.75E-05	1.02E-03	3.34E-03
8.97E-04	5.79E-05	1.06E-03	3.48E-03
9.03E-04	5.82E-05	1.10E-03	3.61E-03
9.08E-04	5.86E-05	1.14E-03	3.73E-03
9.13E-04	5.88E-05	1.17E-03	3.84E-03
9.16E-04	5.91E-05	1.19E-03	3.94E-03
9.20E-04	5.93E-05	1.22E-03	4.03E-03
9.23E-04	5.94E-05	1.24E-03	4.11E-03
9.25E-04	5.96E-05	1.25E-03	4.18E-03
9.27E-04	5.97E-05	1.27E-03	4.24E-03
9.28E-04	5.98E-05	1.28E-03	4.28E-03
9.29E-04	5.99E-05	1.29E-03	4.32E-03
9.30E-04	5.99E-05	1.29E-03	4.35E-03
9.30E-04	5.99E-05	1.30E-03	4.37E-03
9.30E-04	5.99E-05	1.30E-03	4.39E-03
9.29E-04	5.98E-05	1.30E-03	4.40E-03
9.29E-04	5.98E-05	1.30E-03	4.40E-03
9.28E-04	5.97E-05	1.30E-03	4.40E-03
9.27E-04	5.96E-05	1.29E-03	4.40E-03
9.25E-04	5.95E-05	1.29E-03	4.39E-03
9.24E-04	5.94E-05	1.29E-03	4.38E-03

9.22E-04	5.93E-05	1.28E-03	4.36E-03
9.20E-04	5.92E-05	1.27E-03	4.35E-03
9.17E-04	5.90E-05	1.27E-03	4.33E-03
6.73E-04	4.37E-05	1.28E-04	1.01E-03
6.82E-04	4.42E-05	1.33E-04	1.03E-03
6.91E-04	4.48E-05	1.40E-04	1.06E-03
7.00E-04	4.54E-05	1.48E-04	1.08E-03
7.10E-04	4.60E-05	1.57E-04	1.11E-03
7.19E-04	4.66E-05	1.68E-04	1.13E-03
7.28E-04	4.72E-05	1.80E-04	1.17E-03
7.37E-04	4.78E-05	1.94E-04	1.20E-03
7.47E-04	4.84E-05	2.10E-04	1.24E-03
7.56E-04	4.90E-05	2.28E-04	1.28E-03
7.65E-04	4.96E-05	2.48E-04	1.33E-03
7.74E-04	5.02E-05	2.71E-04	1.38E-03
7.83E-04	5.07E-05	2.96E-04	1.44E-03
7.93E-04	5.14E-05	3.25E-04	1.51E-03
8.02E-04	5.20E-05	3.57E-04	1.58E-03
8.12E-04	5.26E-05	3.92E-04	1.66E-03
8.21E-04	5.32E-05	4.30E-04	1.75E-03
8.30E-04	5.38E-05	4.71E-04	1.84E-03
8.40E-04	5.44E-05	5.15E-04	1.95E-03
8.49E-04	5.50E-05	5.62E-04	2.07E-03
8.59E-04	5.56E-05	6.11E-04	2.19E-03
8.68E-04	5.62E-05	6.63E-04	2.32E-03
8.79E-04	5.68E-05	7.19E-04	2.47E-03
8.88E-04	5.74E-05	7.73E-04	2.61E-03
8.97E-04	5.80E-05	8.29E-04	2.77E-03
9.05E-04	5.85E-05	8.84E-04	2.93E-03
9.14E-04	5.90E-05	9.39E-04	3.09E-03
9.22E-04	5.95E-05	9.92E-04	3.25E-03
9.30E-04	6.00E-05	1.04E-03	3.41E-03
9.37E-04	6.05E-05	1.09E-03	3.56E-03
9.43E-04	6.09E-05	1.13E-03	3.71E-03
9.50E-04	6.13E-05	1.17E-03	3.85E-03
9.55E-04	6.16E-05	1.21E-03	3.98E-03
9.60E-04	6.19E-05	1.24E-03	4.10E-03
9.65E-04	6.22E-05	1.27E-03	4.21E-03
9.69E-04	6.25E-05	1.30E-03	4.30E-03
9.72E-04	6.27E-05	1.32E-03	4.38E-03
9.75E-04	6.28E-05	1.33E-03	4.45E-03
9.76E-04	6.29E-05	1.34E-03	4.51E-03
9.78E-04	6.30E-05	1.35E-03	4.56E-03
9.79E-04	6.31E-05	1.36E-03	4.59E-03
9.80E-04	6.31E-05	1.37E-03	4.62E-03
9.80E-04	6.31E-05	1.37E-03	4.64E-03
9.79E-04	6.31E-05	1.37E-03	4.65E-03
9.79E-04	6.30E-05	1.37E-03	4.66E-03
9.78E-04	6.30E-05	1.37E-03	4.66E-03
9.77E-04	6.29E-05	1.37E-03	4.66E-03
9.75E-04	6.28E-05	1.36E-03	4.65E-03
9.74E-04	6.27E-05	1.36E-03	4.64E-03
9.72E-04	6.26E-05	1.35E-03	4.63E-03
9.70E-04	6.24E-05	1.35E-03	4.61E-03
9.67E-04	6.23E-05	1.34E-03	4.59E-03

9.65E-04	6.21E-05	1.33E-03	4.57E-03
9.62E-04	6.20E-05	1.33E-03	4.55E-03
6.89E-04	4.47E-05	1.26E-04	1.03E-03
6.98E-04	4.53E-05	1.31E-04	1.05E-03
7.08E-04	4.59E-05	1.37E-04	1.07E-03
7.17E-04	4.65E-05	1.44E-04	1.10E-03
7.27E-04	4.71E-05	1.52E-04	1.12E-03
7.37E-04	4.78E-05	1.61E-04	1.15E-03
7.47E-04	4.84E-05	1.72E-04	1.18E-03
7.56E-04	4.90E-05	1.84E-04	1.21E-03
7.66E-04	4.97E-05	1.99E-04	1.24E-03
7.76E-04	5.03E-05	2.15E-04	1.28E-03
7.86E-04	5.10E-05	2.34E-04	1.33E-03
7.96E-04	5.16E-05	2.55E-04	1.38E-03
8.05E-04	5.22E-05	2.79E-04	1.43E-03
8.15E-04	5.28E-05	3.06E-04	1.49E-03
8.26E-04	5.35E-05	3.37E-04	1.56E-03
8.36E-04	5.42E-05	3.71E-04	1.64E-03
8.46E-04	5.48E-05	4.08E-04	1.73E-03
8.56E-04	5.55E-05	4.48E-04	1.82E-03
8.66E-04	5.61E-05	4.93E-04	1.92E-03
8.77E-04	5.68E-05	5.41E-04	2.04E-03
8.88E-04	5.75E-05	5.92E-04	2.16E-03
8.98E-04	5.81E-05	6.46E-04	2.30E-03
9.10E-04	5.88E-05	7.04E-04	2.45E-03
9.21E-04	5.95E-05	7.64E-04	2.60E-03
9.31E-04	6.02E-05	8.24E-04	2.77E-03
9.41E-04	6.08E-05	8.84E-04	2.94E-03
9.51E-04	6.15E-05	9.45E-04	3.11E-03
9.61E-04	6.20E-05	1.00E-03	3.29E-03
9.70E-04	6.26E-05	1.06E-03	3.46E-03
9.78E-04	6.31E-05	1.12E-03	3.64E-03
9.86E-04	6.37E-05	1.17E-03	3.81E-03
9.94E-04	6.41E-05	1.21E-03	3.97E-03
1.00E-03	6.46E-05	1.25E-03	4.12E-03
1.01E-03	6.50E-05	1.29E-03	4.26E-03
1.01E-03	6.53E-05	1.33E-03	4.39E-03
1.02E-03	6.57E-05	1.36E-03	4.50E-03
1.02E-03	6.60E-05	1.38E-03	4.60E-03
1.03E-03	6.62E-05	1.40E-03	4.69E-03
1.03E-03	6.63E-05	1.42E-03	4.75E-03
1.03E-03	6.64E-05	1.43E-03	4.81E-03
1.03E-03	6.66E-05	1.44E-03	4.86E-03
1.03E-03	6.67E-05	1.44E-03	4.90E-03
1.03E-03	6.67E-05	1.45E-03	4.92E-03
1.03E-03	6.67E-05	1.45E-03	4.94E-03
1.03E-03	6.66E-05	1.45E-03	4.95E-03
1.03E-03	6.65E-05	1.45E-03	4.95E-03
1.03E-03	6.65E-05	1.45E-03	4.95E-03
1.03E-03	6.64E-05	1.44E-03	4.95E-03
1.03E-03	6.63E-05	1.44E-03	4.94E-03
1.03E-03	6.61E-05	1.43E-03	4.92E-03
1.02E-03	6.60E-05	1.43E-03	4.90E-03
1.02E-03	6.58E-05	1.42E-03	4.88E-03
1.02E-03	6.57E-05	1.41E-03	4.86E-03

1.02E-03	6.55E-05	1.41E-03	4.83E-03
1.01E-03	6.53E-05	1.40E-03	4.80E-03
1.01E-03	6.51E-05	1.39E-03	4.77E-03
7.04E-04	4.57E-05	1.26E-04	1.05E-03
7.15E-04	4.64E-05	1.30E-04	1.07E-03
7.25E-04	4.70E-05	1.36E-04	1.09E-03
7.35E-04	4.77E-05	1.41E-04	1.11E-03
7.44E-04	4.83E-05	1.48E-04	1.14E-03
7.55E-04	4.90E-05	1.56E-04	1.16E-03
7.66E-04	4.97E-05	1.66E-04	1.19E-03
7.76E-04	5.03E-05	1.76E-04	1.22E-03
7.87E-04	5.10E-05	1.89E-04	1.25E-03
7.97E-04	5.17E-05	2.03E-04	1.29E-03
8.07E-04	5.23E-05	2.20E-04	1.33E-03
8.18E-04	5.30E-05	2.40E-04	1.38E-03
8.28E-04	5.37E-05	2.62E-04	1.43E-03
8.39E-04	5.44E-05	2.87E-04	1.49E-03
8.50E-04	5.51E-05	3.16E-04	1.55E-03
8.61E-04	5.58E-05	3.48E-04	1.62E-03
8.72E-04	5.65E-05	3.85E-04	1.71E-03
8.82E-04	5.72E-05	4.25E-04	1.80E-03
8.93E-04	5.78E-05	4.68E-04	1.89E-03
9.05E-04	5.86E-05	5.17E-04	2.01E-03
9.17E-04	5.94E-05	5.69E-04	2.13E-03
9.29E-04	6.01E-05	6.24E-04	2.27E-03
9.41E-04	6.09E-05	6.85E-04	2.42E-03
9.54E-04	6.17E-05	7.48E-04	2.58E-03
9.65E-04	6.24E-05	8.13E-04	2.75E-03
9.77E-04	6.32E-05	8.79E-04	2.93E-03
9.89E-04	6.39E-05	9.45E-04	3.12E-03
1.00E-03	6.46E-05	1.01E-03	3.31E-03
1.01E-03	6.53E-05	1.08E-03	3.50E-03
1.02E-03	6.60E-05	1.14E-03	3.70E-03
1.03E-03	6.66E-05	1.20E-03	3.89E-03
1.04E-03	6.72E-05	1.25E-03	4.08E-03
1.05E-03	6.77E-05	1.30E-03	4.25E-03
1.06E-03	6.82E-05	1.34E-03	4.42E-03
1.06E-03	6.87E-05	1.38E-03	4.57E-03
1.07E-03	6.91E-05	1.42E-03	4.71E-03
1.08E-03	6.95E-05	1.45E-03	4.83E-03
1.08E-03	6.98E-05	1.47E-03	4.93E-03
1.09E-03	7.00E-05	1.49E-03	5.02E-03
1.09E-03	7.02E-05	1.51E-03	5.09E-03
1.09E-03	7.03E-05	1.52E-03	5.15E-03
1.09E-03	7.05E-05	1.53E-03	5.20E-03
1.09E-03	7.06E-05	1.53E-03	5.23E-03
1.09E-03	7.05E-05	1.54E-03	5.25E-03
1.09E-03	7.05E-05	1.54E-03	5.27E-03
1.09E-03	7.04E-05	1.54E-03	5.27E-03
1.09E-03	7.04E-05	1.53E-03	5.28E-03
1.09E-03	7.03E-05	1.53E-03	5.27E-03
1.09E-03	7.02E-05	1.53E-03	5.26E-03
1.09E-03	7.00E-05	1.52E-03	5.25E-03
1.08E-03	6.99E-05	1.51E-03	5.23E-03
1.08E-03	6.97E-05	1.51E-03	5.20E-03

1.08E-03	6.95E-05	1.50E-03	5.18E-03
1.07E-03	6.93E-05	1.49E-03	5.15E-03
1.07E-03	6.91E-05	1.48E-03	5.12E-03
1.07E-03	6.89E-05	1.47E-03	5.08E-03
1.06E-03	6.87E-05	1.46E-03	5.04E-03
1.06E-03	6.84E-05	1.45E-03	5.00E-03
7.20E-04	4.67E-05	1.27E-04	1.08E-03
7.31E-04	4.75E-05	1.31E-04	1.10E-03
7.42E-04	4.82E-05	1.35E-04	1.12E-03
7.53E-04	4.89E-05	1.40E-04	1.14E-03
7.64E-04	4.96E-05	1.46E-04	1.16E-03
7.75E-04	5.02E-05	1.53E-04	1.18E-03
7.86E-04	5.10E-05	1.61E-04	1.21E-03
7.97E-04	5.17E-05	1.70E-04	1.24E-03
8.08E-04	5.24E-05	1.81E-04	1.27E-03
8.18E-04	5.31E-05	1.94E-04	1.30E-03
8.30E-04	5.38E-05	2.09E-04	1.34E-03
8.41E-04	5.45E-05	2.26E-04	1.38E-03
8.52E-04	5.52E-05	2.46E-04	1.43E-03
8.63E-04	5.59E-05	2.70E-04	1.48E-03
8.75E-04	5.67E-05	2.96E-04	1.54E-03
8.86E-04	5.74E-05	3.27E-04	1.61E-03
8.98E-04	5.82E-05	3.61E-04	1.69E-03
9.10E-04	5.89E-05	4.00E-04	1.77E-03
9.22E-04	5.97E-05	4.43E-04	1.87E-03
9.34E-04	6.05E-05	4.90E-04	1.98E-03
9.47E-04	6.13E-05	5.43E-04	2.10E-03
9.60E-04	6.21E-05	5.99E-04	2.23E-03
9.74E-04	6.30E-05	6.61E-04	2.38E-03
9.88E-04	6.39E-05	7.27E-04	2.55E-03
1.00E-03	6.47E-05	7.96E-04	2.72E-03
1.01E-03	6.56E-05	8.67E-04	2.91E-03
1.03E-03	6.65E-05	9.40E-04	3.11E-03
1.04E-03	6.73E-05	1.01E-03	3.32E-03
1.05E-03	6.82E-05	1.09E-03	3.54E-03
1.07E-03	6.89E-05	1.16E-03	3.75E-03
1.08E-03	6.97E-05	1.22E-03	3.97E-03
1.09E-03	7.04E-05	1.29E-03	4.18E-03
1.10E-03	7.11E-05	1.34E-03	4.38E-03
1.11E-03	7.17E-05	1.40E-03	4.57E-03
1.12E-03	7.23E-05	1.44E-03	4.75E-03
1.13E-03	7.28E-05	1.49E-03	4.92E-03
1.14E-03	7.33E-05	1.52E-03	5.07E-03
1.14E-03	7.37E-05	1.55E-03	5.19E-03
1.15E-03	7.40E-05	1.58E-03	5.30E-03
1.15E-03	7.42E-05	1.59E-03	5.38E-03
1.15E-03	7.44E-05	1.61E-03	5.46E-03
1.16E-03	7.46E-05	1.62E-03	5.52E-03
1.16E-03	7.48E-05	1.63E-03	5.57E-03
1.16E-03	7.48E-05	1.63E-03	5.60E-03
1.16E-03	7.48E-05	1.63E-03	5.62E-03
1.16E-03	7.47E-05	1.63E-03	5.63E-03
1.16E-03	7.47E-05	1.63E-03	5.63E-03
1.16E-03	7.45E-05	1.63E-03	5.63E-03
1.15E-03	7.44E-05	1.62E-03	5.62E-03

1.15E-03	7.43E-05	1.62E-03	5.60E-03
1.15E-03	7.41E-05	1.61E-03	5.58E-03
1.15E-03	7.40E-05	1.60E-03	5.56E-03
1.14E-03	7.38E-05	1.59E-03	5.53E-03
1.14E-03	7.35E-05	1.59E-03	5.50E-03
1.14E-03	7.33E-05	1.58E-03	5.46E-03
1.13E-03	7.31E-05	1.56E-03	5.42E-03
1.13E-03	7.28E-05	1.55E-03	5.38E-03
1.12E-03	7.25E-05	1.54E-03	5.33E-03
1.12E-03	7.22E-05	1.53E-03	5.28E-03
1.11E-03	7.19E-05	1.51E-03	5.23E-03
7.48E-04	4.86E-05	1.32E-04	1.12E-03
7.60E-04	4.93E-05	1.36E-04	1.14E-03
7.72E-04	5.01E-05	1.40E-04	1.16E-03
7.83E-04	5.08E-05	1.45E-04	1.19E-03
7.95E-04	5.16E-05	1.51E-04	1.21E-03
8.06E-04	5.23E-05	1.58E-04	1.23E-03
8.18E-04	5.31E-05	1.66E-04	1.26E-03
8.30E-04	5.38E-05	1.76E-04	1.29E-03
8.42E-04	5.46E-05	1.87E-04	1.32E-03
8.53E-04	5.53E-05	1.99E-04	1.36E-03
8.65E-04	5.61E-05	2.14E-04	1.39E-03
8.76E-04	5.68E-05	2.32E-04	1.44E-03
8.88E-04	5.76E-05	2.53E-04	1.49E-03
9.00E-04	5.83E-05	2.77E-04	1.54E-03
9.12E-04	5.91E-05	3.05E-04	1.60E-03
9.25E-04	5.99E-05	3.37E-04	1.68E-03
9.37E-04	6.07E-05	3.74E-04	1.76E-03
9.50E-04	6.15E-05	4.15E-04	1.85E-03
9.64E-04	6.24E-05	4.62E-04	1.95E-03
9.78E-04	6.33E-05	5.13E-04	2.07E-03
9.92E-04	6.42E-05	5.70E-04	2.20E-03
1.01E-03	6.51E-05	6.32E-04	2.34E-03
1.02E-03	6.61E-05	7.01E-04	2.51E-03
1.04E-03	6.71E-05	7.72E-04	2.69E-03
1.05E-03	6.81E-05	8.48E-04	2.88E-03
1.07E-03	6.91E-05	9.27E-04	3.09E-03
1.08E-03	7.01E-05	1.01E-03	3.31E-03
1.10E-03	7.11E-05	1.09E-03	3.54E-03
1.11E-03	7.20E-05	1.17E-03	3.78E-03
1.13E-03	7.29E-05	1.25E-03	4.02E-03
1.14E-03	7.38E-05	1.32E-03	4.26E-03
1.15E-03	7.46E-05	1.39E-03	4.50E-03
1.17E-03	7.54E-05	1.45E-03	4.72E-03
1.18E-03	7.61E-05	1.50E-03	4.94E-03
1.19E-03	7.68E-05	1.56E-03	5.13E-03
1.20E-03	7.74E-05	1.60E-03	5.31E-03
1.21E-03	7.79E-05	1.63E-03	5.47E-03
1.21E-03	7.83E-05	1.66E-03	5.60E-03
1.22E-03	7.87E-05	1.69E-03	5.71E-03
1.22E-03	7.89E-05	1.70E-03	5.79E-03
1.22E-03	7.92E-05	1.72E-03	5.87E-03
1.23E-03	7.94E-05	1.73E-03	5.94E-03
1.23E-03	7.95E-05	1.74E-03	5.98E-03
1.23E-03	7.95E-05	1.74E-03	6.01E-03

1.23E-03	7.95E-05	1.74E-03	6.02E-03
1.23E-03	7.94E-05	1.74E-03	6.03E-03
1.23E-03	7.93E-05	1.74E-03	6.03E-03
1.23E-03	7.91E-05	1.73E-03	6.02E-03
1.22E-03	7.90E-05	1.72E-03	6.00E-03
1.22E-03	7.88E-05	1.72E-03	5.98E-03
1.22E-03	7.86E-05	1.71E-03	5.96E-03
1.21E-03	7.84E-05	1.70E-03	5.93E-03
1.21E-03	7.82E-05	1.69E-03	5.89E-03
1.21E-03	7.80E-05	1.68E-03	5.85E-03
1.20E-03	7.77E-05	1.67E-03	5.80E-03
1.20E-03	7.74E-05	1.65E-03	5.75E-03
1.19E-03	7.71E-05	1.64E-03	5.70E-03
1.18E-03	7.67E-05	1.62E-03	5.64E-03
1.18E-03	7.63E-05	1.61E-03	5.58E-03
1.17E-03	7.59E-05	1.59E-03	5.52E-03
7.66E-04	4.97E-05	1.35E-04	1.15E-03
7.78E-04	5.05E-05	1.38E-04	1.17E-03
7.91E-04	5.14E-05	1.42E-04	1.19E-03
8.03E-04	5.21E-05	1.46E-04	1.22E-03
8.16E-04	5.29E-05	1.51E-04	1.24E-03
8.28E-04	5.37E-05	1.57E-04	1.26E-03
8.40E-04	5.45E-05	1.64E-04	1.29E-03
8.53E-04	5.53E-05	1.72E-04	1.32E-03
8.65E-04	5.61E-05	1.81E-04	1.35E-03
8.77E-04	5.69E-05	1.92E-04	1.38E-03
8.89E-04	5.77E-05	2.05E-04	1.41E-03
9.02E-04	5.85E-05	2.20E-04	1.45E-03
9.14E-04	5.93E-05	2.38E-04	1.50E-03
9.27E-04	6.01E-05	2.60E-04	1.55E-03
9.40E-04	6.09E-05	2.85E-04	1.60E-03
9.53E-04	6.18E-05	3.14E-04	1.67E-03
9.67E-04	6.26E-05	3.49E-04	1.74E-03
9.80E-04	6.35E-05	3.87E-04	1.83E-03
9.94E-04	6.44E-05	4.32E-04	1.93E-03
1.01E-03	6.53E-05	4.82E-04	2.04E-03
1.02E-03	6.63E-05	5.38E-04	2.16E-03
1.04E-03	6.73E-05	6.00E-04	2.30E-03
1.06E-03	6.84E-05	6.69E-04	2.47E-03
1.07E-03	6.95E-05	7.43E-04	2.64E-03
1.09E-03	7.05E-05	8.22E-04	2.84E-03
1.11E-03	7.17E-05	9.06E-04	3.05E-03
1.13E-03	7.28E-05	9.94E-04	3.29E-03
1.15E-03	7.40E-05	1.08E-03	3.53E-03
1.16E-03	7.51E-05	1.17E-03	3.79E-03
1.18E-03	7.62E-05	1.26E-03	4.06E-03
1.20E-03	7.73E-05	1.34E-03	4.33E-03
1.21E-03	7.83E-05	1.42E-03	4.60E-03
1.23E-03	7.93E-05	1.50E-03	4.86E-03
1.24E-03	8.02E-05	1.56E-03	5.11E-03
1.25E-03	8.11E-05	1.63E-03	5.35E-03
1.27E-03	8.18E-05	1.68E-03	5.56E-03
1.28E-03	8.25E-05	1.72E-03	5.75E-03
1.28E-03	8.31E-05	1.76E-03	5.92E-03
1.29E-03	8.35E-05	1.79E-03	6.05E-03

1.30E-03	8.38E-05	1.81E-03	6.16E-03
1.30E-03	8.42E-05	1.83E-03	6.26E-03
1.30E-03	8.44E-05	1.84E-03	6.34E-03
1.31E-03	8.46E-05	1.85E-03	6.40E-03
1.31E-03	8.47E-05	1.86E-03	6.44E-03
1.31E-03	8.47E-05	1.86E-03	6.46E-03
1.31E-03	8.46E-05	1.86E-03	6.47E-03
1.31E-03	8.45E-05	1.85E-03	6.48E-03
1.31E-03	8.44E-05	1.85E-03	6.47E-03
1.30E-03	8.42E-05	1.84E-03	6.45E-03
1.30E-03	8.40E-05	1.84E-03	6.43E-03
1.30E-03	8.38E-05	1.83E-03	6.40E-03
1.29E-03	8.36E-05	1.82E-03	6.37E-03
1.29E-03	8.34E-05	1.80E-03	6.33E-03
1.29E-03	8.31E-05	1.79E-03	6.28E-03
1.28E-03	8.28E-05	1.78E-03	6.23E-03
1.27E-03	8.24E-05	1.76E-03	6.17E-03
1.27E-03	8.21E-05	1.75E-03	6.11E-03
1.26E-03	8.17E-05	1.73E-03	6.04E-03
1.25E-03	8.12E-05	1.71E-03	5.97E-03
1.24E-03	8.07E-05	1.69E-03	5.90E-03
1.24E-03	8.02E-05	1.67E-03	5.82E-03
1.23E-03	7.97E-05	1.65E-03	5.74E-03
7.84E-04	5.09E-05	1.38E-04	1.18E-03
7.97E-04	5.18E-05	1.41E-04	1.20E-03
8.11E-04	5.26E-05	1.45E-04	1.23E-03
8.25E-04	5.35E-05	1.49E-04	1.25E-03
8.37E-04	5.43E-05	1.53E-04	1.27E-03
8.50E-04	5.52E-05	1.58E-04	1.29E-03
8.64E-04	5.60E-05	1.64E-04	1.32E-03
8.77E-04	5.69E-05	1.70E-04	1.35E-03
8.90E-04	5.77E-05	1.78E-04	1.37E-03
9.03E-04	5.86E-05	1.88E-04	1.41E-03
9.16E-04	5.94E-05	1.99E-04	1.44E-03
9.28E-04	6.02E-05	2.11E-04	1.47E-03
9.42E-04	6.11E-05	2.27E-04	1.52E-03
9.55E-04	6.19E-05	2.46E-04	1.56E-03
9.68E-04	6.28E-05	2.68E-04	1.61E-03
9.82E-04	6.36E-05	2.94E-04	1.67E-03
9.96E-04	6.46E-05	3.24E-04	1.74E-03
1.01E-03	6.55E-05	3.60E-04	1.82E-03
1.03E-03	6.64E-05	4.01E-04	1.91E-03
1.04E-03	6.74E-05	4.49E-04	2.01E-03
1.06E-03	6.84E-05	5.03E-04	2.13E-03
1.07E-03	6.95E-05	5.64E-04	2.26E-03
1.09E-03	7.07E-05	6.33E-04	2.42E-03
1.11E-03	7.19E-05	7.09E-04	2.60E-03
1.13E-03	7.31E-05	7.90E-04	2.79E-03
1.15E-03	7.44E-05	8.78E-04	3.00E-03
1.17E-03	7.57E-05	9.71E-04	3.24E-03
1.19E-03	7.70E-05	1.07E-03	3.50E-03
1.21E-03	7.83E-05	1.17E-03	3.78E-03
1.23E-03	7.96E-05	1.27E-03	4.06E-03
1.25E-03	8.09E-05	1.36E-03	4.36E-03
1.27E-03	8.22E-05	1.46E-03	4.67E-03



1.29E-03	8.34E-05	1.54E-03	4.97E-03
1.31E-03	8.45E-05	1.62E-03	5.26E-03
1.32E-03	8.56E-05	1.70E-03	5.54E-03
1.34E-03	8.66E-05	1.76E-03	5.80E-03
1.35E-03	8.75E-05	1.82E-03	6.05E-03
1.36E-03	8.82E-05	1.86E-03	6.25E-03
1.37E-03	8.88E-05	1.90E-03	6.42E-03
1.38E-03	8.92E-05	1.92E-03	6.56E-03
1.38E-03	8.97E-05	1.95E-03	6.68E-03
1.39E-03	9.00E-05	1.96E-03	6.78E-03
1.39E-03	9.02E-05	1.98E-03	6.86E-03
1.40E-03	9.04E-05	1.98E-03	6.91E-03
1.40E-03	9.04E-05	1.99E-03	6.95E-03
1.40E-03	9.04E-05	1.99E-03	6.97E-03
1.40E-03	9.03E-05	1.99E-03	6.98E-03
1.40E-03	9.02E-05	1.98E-03	6.97E-03
1.39E-03	9.01E-05	1.97E-03	6.96E-03
1.39E-03	8.99E-05	1.97E-03	6.93E-03
1.39E-03	8.97E-05	1.96E-03	6.90E-03
1.38E-03	8.94E-05	1.95E-03	6.86E-03
1.38E-03	8.91E-05	1.93E-03	6.82E-03
1.37E-03	8.88E-05	1.92E-03	6.76E-03
1.37E-03	8.85E-05	1.90E-03	6.70E-03
1.36E-03	8.81E-05	1.89E-03	6.64E-03
1.35E-03	8.76E-05	1.87E-03	6.57E-03
1.34E-03	8.72E-05	1.85E-03	6.49E-03
1.34E-03	8.67E-05	1.83E-03	6.41E-03
1.33E-03	8.61E-05	1.81E-03	6.32E-03
1.32E-03	8.55E-05	1.78E-03	6.23E-03
1.31E-03	8.49E-05	1.76E-03	6.14E-03
1.29E-03	8.42E-05	1.73E-03	6.04E-03
1.28E-03	8.35E-05	1.71E-03	5.94E-03
8.17E-04	5.31E-05	1.46E-04	1.24E-03
8.32E-04	5.40E-05	1.49E-04	1.26E-03
8.47E-04	5.50E-05	1.52E-04	1.29E-03
8.61E-04	5.59E-05	1.56E-04	1.31E-03
8.74E-04	5.68E-05	1.60E-04	1.33E-03
8.88E-04	5.76E-05	1.65E-04	1.36E-03
9.02E-04	5.85E-05	1.71E-04	1.38E-03
9.16E-04	5.94E-05	1.78E-04	1.41E-03
9.29E-04	6.03E-05	1.85E-04	1.44E-03
9.43E-04	6.12E-05	1.94E-04	1.47E-03
9.57E-04	6.21E-05	2.05E-04	1.50E-03
9.70E-04	6.29E-05	2.18E-04	1.54E-03
9.84E-04	6.38E-05	2.34E-04	1.58E-03
9.98E-04	6.47E-05	2.53E-04	1.63E-03
1.01E-03	6.57E-05	2.75E-04	1.68E-03
1.03E-03	6.66E-05	3.02E-04	1.75E-03
1.04E-03	6.76E-05	3.34E-04	1.82E-03
1.06E-03	6.85E-05	3.71E-04	1.90E-03
1.07E-03	6.96E-05	4.15E-04	1.99E-03
1.09E-03	7.06E-05	4.66E-04	2.10E-03
1.11E-03	7.18E-05	5.25E-04	2.23E-03
1.13E-03	7.31E-05	5.93E-04	2.38E-03
1.15E-03	7.44E-05	6.69E-04	2.55E-03

1.17E-03	7.57E-05	7.51E-04	2.73E-03
1.19E-03	7.71E-05	8.41E-04	2.95E-03
1.22E-03	7.86E-05	9.39E-04	3.19E-03
1.24E-03	8.01E-05	1.04E-03	3.45E-03
1.26E-03	8.16E-05	1.15E-03	3.74E-03
1.29E-03	8.31E-05	1.26E-03	4.05E-03
1.31E-03	8.46E-05	1.37E-03	4.37E-03
1.33E-03	8.61E-05	1.48E-03	4.71E-03
1.35E-03	8.76E-05	1.58E-03	5.05E-03
1.37E-03	8.90E-05	1.68E-03	5.39E-03
1.39E-03	9.03E-05	1.76E-03	5.72E-03
1.41E-03	9.16E-05	1.84E-03	6.04E-03
1.43E-03	9.27E-05	1.91E-03	6.33E-03
1.45E-03	9.38E-05	1.97E-03	6.59E-03
1.46E-03	9.46E-05	2.01E-03	6.81E-03
1.47E-03	9.52E-05	2.05E-03	6.99E-03
1.48E-03	9.57E-05	2.08E-03	7.14E-03
1.48E-03	9.62E-05	2.10E-03	7.28E-03
1.49E-03	9.65E-05	2.11E-03	7.37E-03
1.49E-03	9.67E-05	2.13E-03	7.45E-03
1.49E-03	9.68E-05	2.13E-03	7.50E-03
1.49E-03	9.68E-05	2.13E-03	7.53E-03
1.50E-03	9.68E-05	2.13E-03	7.54E-03
1.49E-03	9.67E-05	2.13E-03	7.55E-03
1.49E-03	9.66E-05	2.12E-03	7.53E-03
1.49E-03	9.64E-05	2.11E-03	7.51E-03
1.49E-03	9.62E-05	2.10E-03	7.47E-03
1.48E-03	9.59E-05	2.09E-03	7.43E-03
1.48E-03	9.56E-05	2.08E-03	7.37E-03
1.47E-03	9.53E-05	2.06E-03	7.31E-03
1.46E-03	9.48E-05	2.04E-03	7.24E-03
1.46E-03	9.44E-05	2.02E-03	7.16E-03
1.45E-03	9.39E-05	2.00E-03	7.08E-03
1.44E-03	9.33E-05	1.98E-03	6.99E-03
1.43E-03	9.27E-05	1.96E-03	6.90E-03
1.42E-03	9.21E-05	1.93E-03	6.80E-03
1.40E-03	9.14E-05	1.90E-03	6.69E-03
1.39E-03	9.06E-05	1.88E-03	6.58E-03
1.38E-03	8.98E-05	1.85E-03	6.47E-03
1.37E-03	8.90E-05	1.82E-03	6.35E-03
1.35E-03	8.81E-05	1.79E-03	6.23E-03
8.37E-04	5.44E-05	1.51E-04	1.28E-03
8.53E-04	5.54E-05	1.54E-04	1.30E-03
8.69E-04	5.65E-05	1.58E-04	1.33E-03
8.84E-04	5.74E-05	1.61E-04	1.35E-03
8.99E-04	5.84E-05	1.64E-04	1.37E-03
9.14E-04	5.94E-05	1.69E-04	1.40E-03
9.29E-04	6.03E-05	1.73E-04	1.43E-03
9.43E-04	6.12E-05	1.79E-04	1.45E-03
9.58E-04	6.22E-05	1.86E-04	1.48E-03
9.72E-04	6.31E-05	1.94E-04	1.51E-03
9.87E-04	6.40E-05	2.03E-04	1.54E-03
1.00E-03	6.50E-05	2.13E-04	1.58E-03
1.02E-03	6.59E-05	2.26E-04	1.62E-03
1.03E-03	6.68E-05	2.42E-04	1.66E-03

1.05E-03	6.78E-05	2.61E-04	1.71E-03
1.06E-03	6.88E-05	2.84E-04	1.76E-03
1.08E-03	6.98E-05	3.12E-04	1.83E-03
1.09E-03	7.08E-05	3.45E-04	1.90E-03
1.11E-03	7.18E-05	3.84E-04	1.98E-03
1.13E-03	7.30E-05	4.30E-04	2.08E-03
1.15E-03	7.42E-05	4.85E-04	2.20E-03
1.17E-03	7.55E-05	5.50E-04	2.34E-03
1.19E-03	7.69E-05	6.23E-04	2.50E-03
1.21E-03	7.84E-05	7.06E-04	2.68E-03
1.24E-03	7.99E-05	7.97E-04	2.89E-03
1.26E-03	8.15E-05	8.98E-04	3.12E-03
1.29E-03	8.32E-05	1.01E-03	3.39E-03
1.31E-03	8.49E-05	1.12E-03	3.68E-03
1.34E-03	8.67E-05	1.25E-03	4.01E-03
1.37E-03	8.84E-05	1.37E-03	4.35E-03
1.39E-03	9.02E-05	1.49E-03	4.72E-03
1.42E-03	9.20E-05	1.61E-03	5.10E-03
1.45E-03	9.37E-05	1.72E-03	5.49E-03
1.47E-03	9.54E-05	1.83E-03	5.88E-03
1.49E-03	9.70E-05	1.92E-03	6.25E-03
1.51E-03	9.84E-05	2.01E-03	6.60E-03
1.53E-03	9.97E-05	2.08E-03	6.92E-03
1.55E-03	1.01E-04	2.14E-03	7.21E-03
1.57E-03	1.02E-04	2.18E-03	7.45E-03
1.58E-03	1.02E-04	2.22E-03	7.65E-03
1.59E-03	1.03E-04	2.25E-03	7.82E-03
1.60E-03	1.04E-04	2.27E-03	7.95E-03
1.60E-03	1.04E-04	2.28E-03	8.05E-03
1.60E-03	1.04E-04	2.29E-03	8.12E-03
1.60E-03	1.04E-04	2.29E-03	8.16E-03
1.61E-03	1.04E-04	2.29E-03	8.18E-03
1.61E-03	1.04E-04	2.29E-03	8.19E-03
1.61E-03	1.04E-04	2.29E-03	8.18E-03
1.60E-03	1.04E-04	2.28E-03	8.16E-03
1.60E-03	1.04E-04	2.27E-03	8.12E-03
1.59E-03	1.03E-04	2.25E-03	8.07E-03
1.59E-03	1.03E-04	2.24E-03	8.01E-03
1.58E-03	1.03E-04	2.22E-03	7.94E-03
1.57E-03	1.02E-04	2.20E-03	7.85E-03
1.56E-03	1.02E-04	2.18E-03	7.76E-03
1.55E-03	1.01E-04	2.15E-03	7.66E-03
1.54E-03	1.00E-04	2.13E-03	7.56E-03
1.53E-03	9.95E-05	2.10E-03	7.44E-03
1.52E-03	9.87E-05	2.07E-03	7.33E-03
1.50E-03	9.79E-05	2.04E-03	7.20E-03
1.49E-03	9.70E-05	2.01E-03	7.07E-03
1.47E-03	9.60E-05	1.97E-03	6.94E-03
1.46E-03	9.51E-05	1.94E-03	6.81E-03
1.44E-03	9.40E-05	1.90E-03	6.67E-03
1.42E-03	9.30E-05	1.87E-03	6.53E-03
1.41E-03	9.19E-05	1.83E-03	6.39E-03
8.76E-04	5.69E-05	1.61E-04	1.34E-03
8.93E-04	5.80E-05	1.63E-04	1.37E-03
9.09E-04	5.90E-05	1.67E-04	1.39E-03

9.25E-04	6.01E-05	1.70E-04	1.42E-03
9.41E-04	6.11E-05	1.74E-04	1.45E-03
9.57E-04	6.22E-05	1.78E-04	1.47E-03
9.73E-04	6.32E-05	1.83E-04	1.50E-03
9.89E-04	6.42E-05	1.89E-04	1.53E-03
1.00E-03	6.52E-05	1.95E-04	1.56E-03
1.02E-03	6.61E-05	2.03E-04	1.59E-03
1.03E-03	6.71E-05	2.12E-04	1.62E-03
1.05E-03	6.81E-05	2.23E-04	1.66E-03
1.06E-03	6.91E-05	2.35E-04	1.70E-03
1.08E-03	7.00E-05	2.51E-04	1.74E-03
1.10E-03	7.11E-05	2.70E-04	1.79E-03
1.11E-03	7.21E-05	2.93E-04	1.85E-03
1.13E-03	7.32E-05	3.22E-04	1.91E-03
1.15E-03	7.42E-05	3.55E-04	1.99E-03
1.17E-03	7.54E-05	3.97E-04	2.08E-03
1.19E-03	7.67E-05	4.46E-04	2.18E-03
1.21E-03	7.80E-05	5.05E-04	2.31E-03
1.23E-03	7.95E-05	5.76E-04	2.46E-03
1.25E-03	8.11E-05	6.55E-04	2.63E-03
1.28E-03	8.27E-05	7.46E-04	2.82E-03
1.31E-03	8.44E-05	8.48E-04	3.05E-03
1.33E-03	8.62E-05	9.60E-04	3.31E-03
1.36E-03	8.81E-05	1.08E-03	3.60E-03
1.39E-03	9.01E-05	1.21E-03	3.93E-03
1.43E-03	9.22E-05	1.35E-03	4.30E-03
1.46E-03	9.43E-05	1.49E-03	4.70E-03
1.49E-03	9.64E-05	1.63E-03	5.11E-03
1.52E-03	9.85E-05	1.76E-03	5.55E-03
1.55E-03	1.01E-04	1.89E-03	6.00E-03
1.58E-03	1.03E-04	2.00E-03	6.44E-03
1.61E-03	1.04E-04	2.11E-03	6.87E-03
1.63E-03	1.06E-04	2.19E-03	7.26E-03
1.65E-03	1.08E-04	2.27E-03	7.61E-03
1.67E-03	1.09E-04	2.33E-03	7.93E-03
1.69E-03	1.10E-04	2.38E-03	8.19E-03
1.70E-03	1.11E-04	2.41E-03	8.41E-03
1.71E-03	1.12E-04	2.44E-03	8.59E-03
1.72E-03	1.12E-04	2.46E-03	8.73E-03
1.73E-03	1.12E-04	2.47E-03	8.83E-03
1.73E-03	1.12E-04	2.48E-03	8.89E-03
1.73E-03	1.12E-04	2.48E-03	8.92E-03
1.73E-03	1.12E-04	2.48E-03	8.94E-03
1.73E-03	1.12E-04	2.47E-03	8.93E-03
1.73E-03	1.12E-04	2.46E-03	8.91E-03
1.73E-03	1.12E-04	2.45E-03	8.87E-03
1.72E-03	1.12E-04	2.44E-03	8.81E-03
1.72E-03	1.11E-04	2.42E-03	8.74E-03
1.71E-03	1.11E-04	2.40E-03	8.65E-03
1.70E-03	1.10E-04	2.38E-03	8.56E-03
1.69E-03	1.10E-04	2.35E-03	8.45E-03
1.67E-03	1.09E-04	2.32E-03	8.33E-03
1.66E-03	1.08E-04	2.29E-03	8.20E-03
1.65E-03	1.07E-04	2.26E-03	8.07E-03
1.63E-03	1.06E-04	2.23E-03	7.92E-03

1.61E-03	1.05E-04	2.19E-03	7.78E-03
1.60E-03	1.04E-04	2.15E-03	7.62E-03
1.58E-03	1.03E-04	2.11E-03	7.47E-03
1.56E-03	1.02E-04	2.07E-03	7.31E-03
1.54E-03	1.01E-04	2.03E-03	7.15E-03
1.52E-03	9.94E-05	1.99E-03	6.99E-03
1.50E-03	9.81E-05	1.95E-03	6.83E-03
1.48E-03	9.68E-05	1.90E-03	6.66E-03
1.46E-03	9.55E-05	1.86E-03	6.50E-03
8.98E-04	5.83E-05	1.67E-04	1.38E-03
9.16E-04	5.95E-05	1.71E-04	1.41E-03
9.35E-04	6.08E-05	1.74E-04	1.44E-03
9.52E-04	6.19E-05	1.77E-04	1.47E-03
9.70E-04	6.30E-05	1.81E-04	1.50E-03
9.87E-04	6.41E-05	1.85E-04	1.52E-03
1.00E-03	6.52E-05	1.89E-04	1.55E-03
1.02E-03	6.63E-05	1.94E-04	1.58E-03
1.04E-03	6.74E-05	1.99E-04	1.61E-03
1.05E-03	6.84E-05	2.06E-04	1.65E-03
1.07E-03	6.95E-05	2.14E-04	1.68E-03
1.09E-03	7.04E-05	2.22E-04	1.71E-03
1.10E-03	7.15E-05	2.33E-04	1.75E-03
1.12E-03	7.25E-05	2.46E-04	1.79E-03
1.13E-03	7.35E-05	2.61E-04	1.83E-03
1.15E-03	7.46E-05	2.80E-04	1.89E-03
1.17E-03	7.57E-05	3.03E-04	1.94E-03
1.19E-03	7.68E-05	3.31E-04	2.01E-03
1.21E-03	7.80E-05	3.67E-04	2.09E-03
1.23E-03	7.93E-05	4.10E-04	2.18E-03
1.25E-03	8.07E-05	4.62E-04	2.29E-03
1.27E-03	8.23E-05	5.26E-04	2.43E-03
1.30E-03	8.38E-05	6.01E-04	2.58E-03
1.32E-03	8.56E-05	6.90E-04	2.77E-03
1.35E-03	8.74E-05	7.90E-04	2.98E-03
1.38E-03	8.94E-05	9.04E-04	3.23E-03
1.42E-03	9.15E-05	1.03E-03	3.52E-03
1.45E-03	9.36E-05	1.17E-03	3.84E-03
1.48E-03	9.60E-05	1.31E-03	4.21E-03
1.52E-03	9.84E-05	1.47E-03	4.63E-03
1.56E-03	1.01E-04	1.63E-03	5.08E-03
1.59E-03	1.03E-04	1.78E-03	5.56E-03
1.63E-03	1.06E-04	1.94E-03	6.07E-03
1.67E-03	1.09E-04	2.08E-03	6.59E-03
1.70E-03	1.11E-04	2.20E-03	7.10E-03
1.74E-03	1.13E-04	2.31E-03	7.58E-03
1.77E-03	1.15E-04	2.41E-03	8.03E-03
1.79E-03	1.17E-04	2.48E-03	8.43E-03
1.81E-03	1.18E-04	2.55E-03	8.77E-03
1.83E-03	1.20E-04	2.60E-03	9.07E-03
1.85E-03	1.21E-04	2.63E-03	9.31E-03
1.86E-03	1.21E-04	2.66E-03	9.49E-03
1.87E-03	1.22E-04	2.68E-03	9.63E-03
1.87E-03	1.22E-04	2.69E-03	9.72E-03
1.88E-03	1.22E-04	2.69E-03	9.78E-03
1.88E-03	1.22E-04	2.69E-03	9.80E-03

1.88E-03	1.22E-04	2.68E-03	9.80E-03
1.88E-03	1.22E-04	2.67E-03	9.78E-03
1.87E-03	1.22E-04	2.66E-03	9.73E-03
1.87E-03	1.21E-04	2.64E-03	9.66E-03
1.86E-03	1.21E-04	2.62E-03	9.58E-03
1.85E-03	1.20E-04	2.60E-03	9.48E-03
1.84E-03	1.20E-04	2.58E-03	9.36E-03
1.83E-03	1.19E-04	2.55E-03	9.23E-03
1.81E-03	1.18E-04	2.51E-03	9.09E-03
1.80E-03	1.17E-04	2.48E-03	8.94E-03
1.78E-03	1.16E-04	2.44E-03	8.77E-03
1.76E-03	1.15E-04	2.40E-03	8.60E-03
1.74E-03	1.13E-04	2.36E-03	8.43E-03
1.72E-03	1.12E-04	2.31E-03	8.24E-03
1.70E-03	1.11E-04	2.27E-03	8.06E-03
1.67E-03	1.09E-04	2.22E-03	7.87E-03
1.65E-03	1.08E-04	2.17E-03	7.69E-03
1.63E-03	1.06E-04	2.12E-03	7.50E-03
1.60E-03	1.05E-04	2.07E-03	7.31E-03
1.58E-03	1.03E-04	2.03E-03	7.12E-03
1.56E-03	1.02E-04	1.97E-03	6.93E-03
1.53E-03	1.00E-04	1.93E-03	6.75E-03
9.40E-04	6.11E-05	1.78E-04	1.46E-03
9.60E-04	6.24E-05	1.82E-04	1.49E-03
9.80E-04	6.37E-05	1.85E-04	1.52E-03
1.00E-03	6.50E-05	1.89E-04	1.55E-03
1.02E-03	6.62E-05	1.92E-04	1.58E-03
1.04E-03	6.74E-05	1.97E-04	1.61E-03
1.05E-03	6.85E-05	2.01E-04	1.64E-03
1.07E-03	6.97E-05	2.06E-04	1.68E-03
1.09E-03	7.09E-05	2.12E-04	1.71E-03
1.11E-03	7.19E-05	2.18E-04	1.74E-03
1.12E-03	7.30E-05	2.26E-04	1.77E-03
1.14E-03	7.41E-05	2.34E-04	1.81E-03
1.16E-03	7.51E-05	2.45E-04	1.85E-03
1.17E-03	7.62E-05	2.57E-04	1.89E-03
1.19E-03	7.73E-05	2.73E-04	1.94E-03
1.21E-03	7.84E-05	2.92E-04	1.99E-03
1.23E-03	7.96E-05	3.15E-04	2.05E-03
1.25E-03	8.08E-05	3.43E-04	2.12E-03
1.27E-03	8.21E-05	3.79E-04	2.20E-03
1.29E-03	8.35E-05	4.25E-04	2.30E-03
1.32E-03	8.51E-05	4.81E-04	2.42E-03
1.34E-03	8.68E-05	5.48E-04	2.56E-03
1.37E-03	8.85E-05	6.29E-04	2.72E-03
1.40E-03	9.05E-05	7.25E-04	2.92E-03
1.43E-03	9.26E-05	8.37E-04	3.16E-03
1.47E-03	9.48E-05	9.63E-04	3.43E-03
1.50E-03	9.72E-05	1.10E-03	3.74E-03
1.54E-03	9.97E-05	1.26E-03	4.11E-03
1.58E-03	1.02E-04	1.43E-03	4.52E-03
1.63E-03	1.05E-04	1.61E-03	5.00E-03
1.67E-03	1.08E-04	1.79E-03	5.52E-03
1.71E-03	1.11E-04	1.97E-03	6.08E-03
1.76E-03	1.15E-04	2.14E-03	6.67E-03

1.80E-03	1.18E-04	2.29E-03	7.27E-03
1.85E-03	1.20E-04	2.43E-03	7.86E-03
1.89E-03	1.23E-04	2.55E-03	8.42E-03
1.92E-03	1.26E-04	2.65E-03	8.94E-03
1.95E-03	1.28E-04	2.73E-03	9.39E-03
1.98E-03	1.29E-04	2.80E-03	9.78E-03
2.00E-03	1.31E-04	2.85E-03	1.01E-02
2.02E-03	1.32E-04	2.88E-03	1.04E-02
2.03E-03	1.33E-04	2.91E-03	1.06E-02
2.04E-03	1.33E-04	2.92E-03	1.07E-02
2.05E-03	1.33E-04	2.93E-03	1.08E-02
2.05E-03	1.33E-04	2.93E-03	1.08E-02
2.05E-03	1.33E-04	2.92E-03	1.08E-02
2.05E-03	1.33E-04	2.91E-03	1.08E-02
2.05E-03	1.33E-04	2.90E-03	1.07E-02
2.04E-03	1.33E-04	2.88E-03	1.07E-02
2.03E-03	1.32E-04	2.86E-03	1.06E-02
2.02E-03	1.31E-04	2.83E-03	1.04E-02
2.01E-03	1.30E-04	2.80E-03	1.03E-02
1.99E-03	1.30E-04	2.77E-03	1.01E-02
1.97E-03	1.28E-04	2.73E-03	9.96E-03
1.95E-03	1.27E-04	2.69E-03	9.78E-03
1.93E-03	1.26E-04	2.64E-03	9.58E-03
1.90E-03	1.24E-04	2.60E-03	9.38E-03
1.88E-03	1.23E-04	2.55E-03	9.17E-03
1.86E-03	1.21E-04	2.50E-03	8.95E-03
1.83E-03	1.20E-04	2.44E-03	8.73E-03
1.80E-03	1.18E-04	2.39E-03	8.50E-03
1.78E-03	1.16E-04	2.33E-03	8.28E-03
1.75E-03	1.14E-04	2.27E-03	8.06E-03
1.72E-03	1.13E-04	2.22E-03	7.84E-03
1.69E-03	1.11E-04	2.16E-03	7.62E-03
1.66E-03	1.09E-04	2.10E-03	7.40E-03
1.64E-03	1.07E-04	2.04E-03	7.19E-03
1.61E-03	1.05E-04	1.99E-03	6.99E-03
1.58E-03	1.04E-04	1.93E-03	6.78E-03
9.65E-04	6.28E-05	1.87E-04	1.51E-03
9.87E-04	6.42E-05	1.90E-04	1.54E-03
1.01E-03	6.56E-05	1.94E-04	1.57E-03
1.03E-03	6.70E-05	1.98E-04	1.61E-03
1.05E-03	6.83E-05	2.02E-04	1.64E-03
1.07E-03	6.97E-05	2.06E-04	1.68E-03
1.09E-03	7.10E-05	2.10E-04	1.71E-03
1.11E-03	7.23E-05	2.15E-04	1.74E-03
1.13E-03	7.35E-05	2.20E-04	1.78E-03
1.15E-03	7.47E-05	2.26E-04	1.81E-03
1.17E-03	7.58E-05	2.32E-04	1.85E-03
1.18E-03	7.69E-05	2.39E-04	1.88E-03
1.20E-03	7.80E-05	2.48E-04	1.92E-03
1.22E-03	7.91E-05	2.58E-04	1.96E-03
1.24E-03	8.03E-05	2.71E-04	2.00E-03
1.26E-03	8.14E-05	2.86E-04	2.05E-03
1.28E-03	8.26E-05	3.05E-04	2.11E-03
1.29E-03	8.38E-05	3.28E-04	2.17E-03
1.32E-03	8.51E-05	3.56E-04	2.24E-03

1.34E-03	8.65E-05	3.93E-04	2.32E-03
1.36E-03	8.82E-05	4.41E-04	2.43E-03
1.39E-03	8.99E-05	4.99E-04	2.55E-03
1.42E-03	9.17E-05	5.70E-04	2.70E-03
1.45E-03	9.37E-05	6.58E-04	2.88E-03
1.48E-03	9.59E-05	7.62E-04	3.09E-03
1.52E-03	9.82E-05	8.86E-04	3.35E-03
1.56E-03	1.01E-04	1.03E-03	3.65E-03
1.60E-03	1.03E-04	1.19E-03	4.00E-03
1.64E-03	1.06E-04	1.37E-03	4.41E-03
1.69E-03	1.10E-04	1.56E-03	4.88E-03
1.74E-03	1.13E-04	1.76E-03	5.41E-03
1.80E-03	1.17E-04	1.97E-03	6.02E-03
1.85E-03	1.20E-04	2.18E-03	6.67E-03
1.90E-03	1.24E-04	2.37E-03	7.36E-03
1.96E-03	1.28E-04	2.54E-03	8.06E-03
2.01E-03	1.32E-04	2.70E-03	8.76E-03
2.06E-03	1.35E-04	2.83E-03	9.43E-03
2.11E-03	1.38E-04	2.93E-03	1.00E-02
2.15E-03	1.40E-04	3.02E-03	1.05E-02
2.18E-03	1.42E-04	3.08E-03	1.10E-02
2.20E-03	1.44E-04	3.13E-03	1.13E-02
2.22E-03	1.45E-04	3.17E-03	1.16E-02
2.24E-03	1.46E-04	3.19E-03	1.18E-02
2.25E-03	1.46E-04	3.20E-03	1.20E-02
2.25E-03	1.47E-04	3.20E-03	1.20E-02
2.25E-03	1.47E-04	3.20E-03	1.20E-02
2.25E-03	1.47E-04	3.19E-03	1.20E-02
2.25E-03	1.46E-04	3.17E-03	1.19E-02
2.24E-03	1.46E-04	3.15E-03	1.18E-02
2.23E-03	1.45E-04	3.13E-03	1.17E-02
2.22E-03	1.44E-04	3.10E-03	1.16E-02
2.20E-03	1.43E-04	3.06E-03	1.14E-02
2.18E-03	1.42E-04	3.02E-03	1.12E-02
2.15E-03	1.41E-04	2.98E-03	1.10E-02
2.13E-03	1.39E-04	2.93E-03	1.07E-02
2.10E-03	1.37E-04	2.87E-03	1.05E-02
2.07E-03	1.35E-04	2.82E-03	1.03E-02
2.04E-03	1.33E-04	2.76E-03	1.00E-02
2.01E-03	1.31E-04	2.70E-03	9.74E-03
1.98E-03	1.29E-04	2.64E-03	9.48E-03
1.95E-03	1.27E-04	2.57E-03	9.21E-03
1.91E-03	1.25E-04	2.50E-03	8.95E-03
1.88E-03	1.23E-04	2.44E-03	8.69E-03
1.85E-03	1.21E-04	2.37E-03	8.43E-03
1.82E-03	1.19E-04	2.31E-03	8.17E-03
1.78E-03	1.17E-04	2.24E-03	7.92E-03
1.75E-03	1.15E-04	2.17E-03	7.68E-03
1.72E-03	1.13E-04	2.11E-03	7.44E-03
1.69E-03	1.11E-04	2.05E-03	7.21E-03
1.66E-03	1.09E-04	1.98E-03	6.98E-03
1.02E-03	6.61E-05	2.00E-04	1.59E-03
1.04E-03	6.76E-05	2.04E-04	1.63E-03
1.06E-03	6.91E-05	2.08E-04	1.67E-03
1.09E-03	7.06E-05	2.12E-04	1.70E-03



1.11E-03	7.20E-05	2.16E-04	1.74E-03
1.13E-03	7.35E-05	2.21E-04	1.78E-03
1.15E-03	7.49E-05	2.25E-04	1.81E-03
1.17E-03	7.63E-05	2.30E-04	1.85E-03
1.19E-03	7.76E-05	2.36E-04	1.89E-03
1.21E-03	7.88E-05	2.42E-04	1.93E-03
1.23E-03	8.00E-05	2.48E-04	1.96E-03
1.25E-03	8.12E-05	2.55E-04	2.00E-03
1.27E-03	8.23E-05	2.64E-04	2.04E-03
1.29E-03	8.35E-05	2.75E-04	2.08E-03
1.31E-03	8.47E-05	2.87E-04	2.13E-03
1.33E-03	8.59E-05	3.01E-04	2.18E-03
1.35E-03	8.71E-05	3.20E-04	2.23E-03
1.37E-03	8.84E-05	3.43E-04	2.30E-03
1.39E-03	8.99E-05	3.71E-04	2.37E-03
1.42E-03	9.15E-05	4.09E-04	2.47E-03
1.44E-03	9.32E-05	4.58E-04	2.57E-03
1.47E-03	9.51E-05	5.18E-04	2.70E-03
1.50E-03	9.71E-05	5.93E-04	2.86E-03
1.54E-03	9.93E-05	6.88E-04	3.05E-03
1.58E-03	1.02E-04	8.02E-04	3.28E-03
1.62E-03	1.04E-04	9.38E-04	3.56E-03
1.66E-03	1.07E-04	1.10E-03	3.89E-03
1.71E-03	1.10E-04	1.28E-03	4.28E-03
1.76E-03	1.14E-04	1.49E-03	4.74E-03
1.81E-03	1.18E-04	1.71E-03	5.27E-03
1.87E-03	1.22E-04	1.94E-03	5.89E-03
1.94E-03	1.26E-04	2.19E-03	6.59E-03
2.00E-03	1.31E-04	2.42E-03	7.35E-03
2.07E-03	1.35E-04	2.64E-03	8.15E-03
2.14E-03	1.40E-04	2.84E-03	9.01E-03
2.21E-03	1.45E-04	3.01E-03	9.85E-03
2.27E-03	1.49E-04	3.15E-03	1.06E-02
2.33E-03	1.53E-04	3.26E-03	1.13E-02
2.38E-03	1.56E-04	3.35E-03	1.19E-02
2.42E-03	1.58E-04	3.41E-03	1.24E-02
2.45E-03	1.60E-04	3.46E-03	1.28E-02
2.47E-03	1.61E-04	3.49E-03	1.31E-02
2.48E-03	1.62E-04	3.51E-03	1.33E-02
2.49E-03	1.62E-04	3.52E-03	1.35E-02
2.50E-03	1.63E-04	3.52E-03	1.35E-02
2.50E-03	1.63E-04	3.51E-03	1.35E-02
2.49E-03	1.63E-04	3.49E-03	1.34E-02
2.48E-03	1.62E-04	3.47E-03	1.33E-02
2.47E-03	1.61E-04	3.44E-03	1.31E-02
2.45E-03	1.60E-04	3.40E-03	1.29E-02
2.43E-03	1.58E-04	3.36E-03	1.27E-02
2.40E-03	1.57E-04	3.31E-03	1.24E-02
2.37E-03	1.55E-04	3.26E-03	1.22E-02
2.34E-03	1.53E-04	3.20E-03	1.19E-02
2.30E-03	1.51E-04	3.14E-03	1.16E-02
2.27E-03	1.48E-04	3.07E-03	1.13E-02
2.23E-03	1.46E-04	3.00E-03	1.10E-02
2.19E-03	1.43E-04	2.93E-03	1.06E-02
2.15E-03	1.41E-04	2.85E-03	1.03E-02

2.11E-03	1.38E-04	2.78E-03	1.00E-02
2.07E-03	1.36E-04	2.70E-03	9.70E-03
2.03E-03	1.33E-04	2.62E-03	9.39E-03
1.99E-03	1.31E-04	2.54E-03	9.08E-03
1.96E-03	1.28E-04	2.47E-03	8.78E-03
1.92E-03	1.26E-04	2.39E-03	8.49E-03
1.88E-03	1.23E-04	2.31E-03	8.21E-03
1.84E-03	1.21E-04	2.24E-03	7.93E-03
1.81E-03	1.18E-04	2.17E-03	7.67E-03
1.77E-03	1.16E-04	2.10E-03	7.41E-03
1.74E-03	1.14E-04	2.03E-03	7.16E-03
1.04E-03	6.79E-05	2.10E-04	1.65E-03
1.07E-03	6.96E-05	2.14E-04	1.69E-03
1.10E-03	7.14E-05	2.19E-04	1.73E-03
1.12E-03	7.30E-05	2.23E-04	1.77E-03
1.15E-03	7.46E-05	2.28E-04	1.81E-03
1.17E-03	7.62E-05	2.32E-04	1.85E-03
1.19E-03	7.77E-05	2.37E-04	1.89E-03
1.22E-03	7.92E-05	2.42E-04	1.93E-03
1.24E-03	8.08E-05	2.48E-04	1.97E-03
1.26E-03	8.21E-05	2.54E-04	2.01E-03
1.28E-03	8.34E-05	2.60E-04	2.05E-03
1.30E-03	8.47E-05	2.67E-04	2.09E-03
1.32E-03	8.59E-05	2.74E-04	2.14E-03
1.34E-03	8.71E-05	2.83E-04	2.18E-03
1.36E-03	8.83E-05	2.93E-04	2.22E-03
1.38E-03	8.96E-05	3.06E-04	2.27E-03
1.40E-03	9.08E-05	3.20E-04	2.32E-03
1.42E-03	9.21E-05	3.37E-04	2.38E-03
1.45E-03	9.36E-05	3.60E-04	2.45E-03
1.47E-03	9.52E-05	3.90E-04	2.53E-03
1.50E-03	9.69E-05	4.28E-04	2.63E-03
1.53E-03	9.88E-05	4.76E-04	2.74E-03
1.56E-03	1.01E-04	5.38E-04	2.87E-03
1.60E-03	1.03E-04	6.18E-04	3.04E-03
1.63E-03	1.06E-04	7.19E-04	3.24E-03
1.68E-03	1.08E-04	8.44E-04	3.49E-03
1.72E-03	1.11E-04	9.96E-04	3.79E-03
1.77E-03	1.14E-04	1.17E-03	4.15E-03
1.82E-03	1.18E-04	1.38E-03	4.59E-03
1.88E-03	1.22E-04	1.62E-03	5.12E-03
1.94E-03	1.27E-04	1.88E-03	5.73E-03
2.02E-03	1.31E-04	2.16E-03	6.44E-03
2.09E-03	1.37E-04	2.44E-03	7.25E-03
2.18E-03	1.43E-04	2.71E-03	8.15E-03
2.26E-03	1.49E-04	2.96E-03	9.11E-03
2.36E-03	1.55E-04	3.19E-03	1.02E-02
2.44E-03	1.61E-04	3.37E-03	1.12E-02
2.53E-03	1.67E-04	3.53E-03	1.21E-02
2.61E-03	1.71E-04	3.65E-03	1.30E-02
2.67E-03	1.75E-04	3.74E-03	1.37E-02
2.71E-03	1.78E-04	3.80E-03	1.43E-02
2.75E-03	1.79E-04	3.85E-03	1.47E-02
2.77E-03	1.81E-04	3.87E-03	1.50E-02
2.79E-03	1.82E-04	3.89E-03	1.52E-02

2.80E-03	1.82E-04	3.89E-03	1.53E-02
2.80E-03	1.83E-04	3.88E-03	1.52E-02
2.80E-03	1.82E-04	3.86E-03	1.52E-02
2.78E-03	1.82E-04	3.84E-03	1.50E-02
2.76E-03	1.81E-04	3.80E-03	1.48E-02
2.74E-03	1.79E-04	3.76E-03	1.45E-02
2.70E-03	1.77E-04	3.71E-03	1.42E-02
2.67E-03	1.75E-04	3.65E-03	1.39E-02
2.63E-03	1.72E-04	3.58E-03	1.36E-02
2.58E-03	1.69E-04	3.51E-03	1.32E-02
2.54E-03	1.66E-04	3.44E-03	1.28E-02
2.49E-03	1.63E-04	3.36E-03	1.25E-02
2.44E-03	1.60E-04	3.27E-03	1.21E-02
2.40E-03	1.57E-04	3.18E-03	1.17E-02
2.35E-03	1.54E-04	3.09E-03	1.13E-02
2.30E-03	1.51E-04	3.00E-03	1.09E-02
2.25E-03	1.48E-04	2.91E-03	1.05E-02
2.20E-03	1.45E-04	2.82E-03	1.02E-02
2.16E-03	1.41E-04	2.73E-03	9.81E-03
2.11E-03	1.38E-04	2.64E-03	9.45E-03
2.07E-03	1.35E-04	2.55E-03	9.11E-03
2.02E-03	1.33E-04	2.47E-03	8.78E-03
1.98E-03	1.30E-04	2.38E-03	8.47E-03
1.94E-03	1.27E-04	2.30E-03	8.16E-03
1.89E-03	1.24E-04	2.22E-03	7.87E-03
1.85E-03	1.21E-04	2.14E-03	7.59E-03
1.81E-03	1.19E-04	2.07E-03	7.32E-03
1.78E-03	1.16E-04	1.99E-03	7.06E-03
1.10E-03	7.17E-05	2.25E-04	1.75E-03
1.13E-03	7.35E-05	2.30E-04	1.79E-03
1.16E-03	7.55E-05	2.35E-04	1.84E-03
1.19E-03	7.74E-05	2.40E-04	1.89E-03
1.22E-03	7.91E-05	2.45E-04	1.93E-03
1.24E-03	8.09E-05	2.50E-04	1.98E-03
1.27E-03	8.25E-05	2.56E-04	2.02E-03
1.29E-03	8.42E-05	2.62E-04	2.07E-03
1.32E-03	8.58E-05	2.68E-04	2.11E-03
1.34E-03	8.72E-05	2.74E-04	2.16E-03
1.36E-03	8.85E-05	2.81E-04	2.20E-03
1.38E-03	8.98E-05	2.88E-04	2.24E-03
1.40E-03	9.12E-05	2.96E-04	2.29E-03
1.42E-03	9.24E-05	3.05E-04	2.33E-03
1.45E-03	9.37E-05	3.15E-04	2.38E-03
1.47E-03	9.49E-05	3.27E-04	2.44E-03
1.49E-03	9.63E-05	3.41E-04	2.49E-03
1.51E-03	9.77E-05	3.59E-04	2.55E-03
1.54E-03	9.93E-05	3.82E-04	2.63E-03
1.57E-03	1.01E-04	4.11E-04	2.71E-03
1.60E-03	1.03E-04	4.48E-04	2.81E-03
1.63E-03	1.05E-04	4.97E-04	2.93E-03
1.66E-03	1.07E-04	5.61E-04	3.07E-03
1.70E-03	1.10E-04	6.44E-04	3.24E-03
1.74E-03	1.12E-04	7.52E-04	3.46E-03
1.78E-03	1.15E-04	8.88E-04	3.73E-03
1.83E-03	1.19E-04	1.06E-03	4.05E-03

1.89E-03	1.22E-04	1.26E-03	4.46E-03
1.95E-03	1.26E-04	1.50E-03	4.95E-03
2.02E-03	1.31E-04	1.78E-03	5.55E-03
2.09E-03	1.36E-04	2.08E-03	6.25E-03
2.18E-03	1.42E-04	2.41E-03	7.08E-03
2.27E-03	1.49E-04	2.74E-03	8.03E-03
2.38E-03	1.56E-04	3.06E-03	9.10E-03
2.49E-03	1.64E-04	3.35E-03	1.03E-02
2.62E-03	1.73E-04	3.60E-03	1.16E-02
2.74E-03	1.82E-04	3.81E-03	1.28E-02
2.86E-03	1.89E-04	3.97E-03	1.40E-02
2.96E-03	1.96E-04	4.10E-03	1.51E-02
3.04E-03	2.00E-04	4.20E-03	1.60E-02
3.09E-03	2.03E-04	4.26E-03	1.66E-02
3.13E-03	2.05E-04	4.29E-03	1.70E-02
3.16E-03	2.06E-04	4.32E-03	1.73E-02
3.18E-03	2.07E-04	4.32E-03	1.75E-02
3.19E-03	2.08E-04	4.32E-03	1.75E-02
3.18E-03	2.08E-04	4.30E-03	1.74E-02
3.16E-03	2.06E-04	4.27E-03	1.71E-02
3.13E-03	2.05E-04	4.23E-03	1.69E-02
3.09E-03	2.02E-04	4.18E-03	1.65E-02
3.04E-03	1.99E-04	4.12E-03	1.61E-02
2.99E-03	1.96E-04	4.05E-03	1.57E-02
2.94E-03	1.93E-04	3.96E-03	1.53E-02
2.88E-03	1.89E-04	3.88E-03	1.48E-02
2.82E-03	1.85E-04	3.78E-03	1.43E-02
2.76E-03	1.81E-04	3.68E-03	1.38E-02
2.70E-03	1.77E-04	3.58E-03	1.34E-02
2.64E-03	1.73E-04	3.48E-03	1.29E-02
2.58E-03	1.69E-04	3.37E-03	1.24E-02
2.52E-03	1.65E-04	3.26E-03	1.19E-02
2.46E-03	1.61E-04	3.15E-03	1.15E-02
2.40E-03	1.57E-04	3.05E-03	1.10E-02
2.34E-03	1.54E-04	2.94E-03	1.06E-02
2.29E-03	1.50E-04	2.83E-03	1.02E-02
2.23E-03	1.46E-04	2.73E-03	9.80E-03
2.18E-03	1.43E-04	2.63E-03	9.42E-03
2.13E-03	1.40E-04	2.54E-03	9.05E-03
2.08E-03	1.36E-04	2.44E-03	8.70E-03
2.03E-03	1.33E-04	2.35E-03	8.37E-03
1.98E-03	1.30E-04	2.26E-03	8.05E-03
1.94E-03	1.27E-04	2.18E-03	7.75E-03
1.90E-03	1.24E-04	2.09E-03	7.45E-03
1.85E-03	1.21E-04	2.02E-03	7.18E-03
1.13E-03	7.37E-05	2.36E-04	1.81E-03
1.16E-03	7.59E-05	2.42E-04	1.86E-03
1.20E-03	7.80E-05	2.47E-04	1.91E-03
1.23E-03	8.01E-05	2.53E-04	1.96E-03
1.26E-03	8.22E-05	2.59E-04	2.01E-03
1.29E-03	8.42E-05	2.65E-04	2.07E-03
1.32E-03	8.61E-05	2.71E-04	2.12E-03
1.35E-03	8.79E-05	2.77E-04	2.17E-03
1.38E-03	8.97E-05	2.84E-04	2.22E-03
1.40E-03	9.14E-05	2.90E-04	2.27E-03

1.43E-03	9.29E-05	2.97E-04	2.31E-03
1.45E-03	9.43E-05	3.05E-04	2.36E-03
1.47E-03	9.57E-05	3.13E-04	2.41E-03
1.50E-03	9.70E-05	3.21E-04	2.46E-03
1.52E-03	9.83E-05	3.31E-04	2.51E-03
1.54E-03	9.96E-05	3.41E-04	2.56E-03
1.56E-03	1.01E-04	3.53E-04	2.62E-03
1.58E-03	1.02E-04	3.67E-04	2.68E-03
1.61E-03	1.04E-04	3.85E-04	2.75E-03
1.64E-03	1.06E-04	4.08E-04	2.83E-03
1.67E-03	1.08E-04	4.36E-04	2.92E-03
1.70E-03	1.10E-04	4.73E-04	3.03E-03
1.74E-03	1.12E-04	5.21E-04	3.15E-03
1.77E-03	1.14E-04	5.86E-04	3.30E-03
1.81E-03	1.17E-04	6.73E-04	3.48E-03
1.86E-03	1.20E-04	7.86E-04	3.71E-03
1.90E-03	1.23E-04	9.35E-04	4.00E-03
1.96E-03	1.27E-04	1.12E-03	4.36E-03
2.02E-03	1.31E-04	1.35E-03	4.80E-03
2.08E-03	1.36E-04	1.63E-03	5.36E-03
2.16E-03	1.41E-04	1.96E-03	6.04E-03
2.25E-03	1.47E-04	2.32E-03	6.85E-03
2.35E-03	1.54E-04	2.71E-03	7.82E-03
2.47E-03	1.63E-04	3.10E-03	8.94E-03
2.61E-03	1.72E-04	3.47E-03	1.02E-02
2.77E-03	1.83E-04	3.81E-03	1.17E-02
2.94E-03	1.96E-04	4.10E-03	1.33E-02
3.13E-03	2.08E-04	4.33E-03	1.50E-02
3.31E-03	2.20E-04	4.52E-03	1.66E-02
3.46E-03	2.30E-04	4.66E-03	1.79E-02
3.55E-03	2.35E-04	4.74E-03	1.89E-02
3.61E-03	2.38E-04	4.80E-03	1.96E-02
3.66E-03	2.40E-04	4.83E-03	2.00E-02
3.69E-03	2.41E-04	4.84E-03	2.03E-02
3.70E-03	2.42E-04	4.84E-03	2.03E-02
3.69E-03	2.41E-04	4.82E-03	2.01E-02
3.66E-03	2.39E-04	4.79E-03	1.99E-02
3.60E-03	2.36E-04	4.74E-03	1.95E-02
3.54E-03	2.32E-04	4.68E-03	1.90E-02
3.47E-03	2.28E-04	4.60E-03	1.85E-02
3.39E-03	2.23E-04	4.51E-03	1.79E-02
3.32E-03	2.18E-04	4.41E-03	1.73E-02
3.24E-03	2.13E-04	4.30E-03	1.67E-02
3.16E-03	2.08E-04	4.19E-03	1.61E-02
3.08E-03	2.02E-04	4.06E-03	1.55E-02
3.00E-03	1.97E-04	3.94E-03	1.49E-02
2.92E-03	1.92E-04	3.81E-03	1.43E-02
2.84E-03	1.87E-04	3.68E-03	1.37E-02
2.77E-03	1.82E-04	3.55E-03	1.31E-02
2.69E-03	1.77E-04	3.42E-03	1.25E-02
2.62E-03	1.72E-04	3.29E-03	1.20E-02
2.55E-03	1.68E-04	3.17E-03	1.15E-02
2.49E-03	1.63E-04	3.05E-03	1.10E-02
2.42E-03	1.59E-04	2.93E-03	1.06E-02
2.36E-03	1.55E-04	2.81E-03	1.01E-02

2.30E-03	1.51E-04	2.70E-03	9.69E-03
2.24E-03	1.47E-04	2.59E-03	9.29E-03
2.18E-03	1.43E-04	2.49E-03	8.90E-03
2.13E-03	1.40E-04	2.39E-03	8.54E-03
2.08E-03	1.36E-04	2.29E-03	8.20E-03
2.03E-03	1.33E-04	2.20E-03	7.87E-03
1.98E-03	1.30E-04	2.11E-03	7.56E-03
1.93E-03	1.27E-04	2.03E-03	7.27E-03
1.20E-03	7.82E-05	2.54E-04	1.92E-03
1.24E-03	8.06E-05	2.60E-04	1.98E-03
1.27E-03	8.30E-05	2.67E-04	2.04E-03
1.31E-03	8.54E-05	2.73E-04	2.10E-03
1.35E-03	8.77E-05	2.80E-04	2.16E-03
1.38E-03	9.00E-05	2.87E-04	2.22E-03
1.41E-03	9.21E-05	2.94E-04	2.27E-03
1.44E-03	9.41E-05	3.01E-04	2.33E-03
1.47E-03	9.61E-05	3.08E-04	2.39E-03
1.50E-03	9.78E-05	3.16E-04	2.44E-03
1.53E-03	9.94E-05	3.24E-04	2.50E-03
1.55E-03	1.01E-04	3.32E-04	2.55E-03
1.58E-03	1.02E-04	3.41E-04	2.60E-03
1.60E-03	1.04E-04	3.51E-04	2.66E-03
1.62E-03	1.05E-04	3.61E-04	2.71E-03
1.64E-03	1.06E-04	3.72E-04	2.77E-03
1.67E-03	1.08E-04	3.84E-04	2.84E-03
1.69E-03	1.09E-04	3.99E-04	2.90E-03
1.72E-03	1.11E-04	4.17E-04	2.98E-03
1.75E-03	1.13E-04	4.38E-04	3.07E-03
1.79E-03	1.15E-04	4.67E-04	3.17E-03
1.82E-03	1.17E-04	5.04E-04	3.28E-03
1.86E-03	1.20E-04	5.51E-04	3.41E-03
1.90E-03	1.22E-04	6.16E-04	3.57E-03
1.94E-03	1.25E-04	7.05E-04	3.76E-03
1.99E-03	1.28E-04	8.24E-04	4.00E-03
2.04E-03	1.32E-04	9.83E-04	4.31E-03
2.09E-03	1.36E-04	1.19E-03	4.71E-03
2.16E-03	1.40E-04	1.45E-03	5.20E-03
2.23E-03	1.45E-04	1.78E-03	5.83E-03
2.32E-03	1.52E-04	2.16E-03	6.60E-03
2.42E-03	1.59E-04	2.59E-03	7.55E-03
2.55E-03	1.67E-04	3.06E-03	8.68E-03
2.69E-03	1.78E-04	3.54E-03	1.00E-02
2.87E-03	1.90E-04	3.99E-03	1.16E-02
3.10E-03	2.06E-04	4.38E-03	1.34E-02
3.36E-03	2.25E-04	4.71E-03	1.56E-02
3.66E-03	2.46E-04	4.97E-03	1.79E-02
3.96E-03	2.66E-04	5.18E-03	2.01E-02
4.17E-03	2.80E-04	5.31E-03	2.18E-02
4.29E-03	2.86E-04	5.39E-03	2.29E-02
4.37E-03	2.91E-04	5.44E-03	2.36E-02
4.42E-03	2.92E-04	5.46E-03	2.40E-02
4.42E-03	2.91E-04	5.46E-03	2.40E-02
4.39E-03	2.88E-04	5.44E-03	2.38E-02
4.32E-03	2.83E-04	5.41E-03	2.34E-02
4.24E-03	2.78E-04	5.35E-03	2.28E-02

4.13E-03	2.71E-04	5.27E-03	2.22E-02
4.02E-03	2.64E-04	5.18E-03	2.14E-02
3.91E-03	2.57E-04	5.06E-03	2.06E-02
3.79E-03	2.50E-04	4.94E-03	1.98E-02
3.68E-03	2.42E-04	4.80E-03	1.90E-02
3.57E-03	2.35E-04	4.66E-03	1.82E-02
3.46E-03	2.28E-04	4.50E-03	1.74E-02
3.36E-03	2.21E-04	4.35E-03	1.66E-02
3.25E-03	2.14E-04	4.19E-03	1.59E-02
3.16E-03	2.08E-04	4.03E-03	1.51E-02
3.06E-03	2.01E-04	3.87E-03	1.44E-02
2.97E-03	1.95E-04	3.72E-03	1.38E-02
2.88E-03	1.90E-04	3.57E-03	1.31E-02
2.80E-03	1.84E-04	3.42E-03	1.25E-02
2.72E-03	1.79E-04	3.28E-03	1.19E-02
2.64E-03	1.73E-04	3.14E-03	1.14E-02
2.56E-03	1.68E-04	3.00E-03	1.09E-02
2.49E-03	1.63E-04	2.88E-03	1.04E-02
2.42E-03	1.59E-04	2.75E-03	9.92E-03
2.35E-03	1.54E-04	2.64E-03	9.48E-03
2.29E-03	1.50E-04	2.53E-03	9.07E-03
2.23E-03	1.46E-04	2.42E-03	8.68E-03
2.17E-03	1.42E-04	2.31E-03	8.31E-03
2.12E-03	1.39E-04	2.22E-03	7.97E-03
2.07E-03	1.35E-04	2.12E-03	7.64E-03
2.02E-03	1.32E-04	2.03E-03	7.34E-03
1.97E-03	1.29E-04	1.95E-03	7.05E-03
1.28E-03	8.33E-05	2.74E-04	2.06E-03
1.32E-03	8.61E-05	2.81E-04	2.12E-03
1.36E-03	8.87E-05	2.88E-04	2.19E-03
1.40E-03	9.14E-05	2.96E-04	2.25E-03
1.44E-03	9.40E-05	3.03E-04	2.32E-03
1.48E-03	9.66E-05	3.12E-04	2.39E-03
1.52E-03	9.90E-05	3.20E-04	2.45E-03
1.55E-03	1.01E-04	3.28E-04	2.52E-03
1.58E-03	1.03E-04	3.37E-04	2.58E-03
1.61E-03	1.05E-04	3.46E-04	2.64E-03
1.64E-03	1.07E-04	3.55E-04	2.70E-03
1.67E-03	1.08E-04	3.64E-04	2.76E-03
1.69E-03	1.10E-04	3.75E-04	2.82E-03
1.72E-03	1.11E-04	3.85E-04	2.88E-03
1.74E-03	1.13E-04	3.96E-04	2.95E-03
1.76E-03	1.14E-04	4.08E-04	3.01E-03
1.79E-03	1.16E-04	4.21E-04	3.09E-03
1.82E-03	1.17E-04	4.37E-04	3.17E-03
1.85E-03	1.19E-04	4.55E-04	3.25E-03
1.88E-03	1.21E-04	4.77E-04	3.35E-03
1.92E-03	1.24E-04	5.05E-04	3.45E-03
1.95E-03	1.26E-04	5.41E-04	3.57E-03
1.99E-03	1.28E-04	5.87E-04	3.71E-03
2.03E-03	1.31E-04	6.52E-04	3.88E-03
2.08E-03	1.34E-04	7.41E-04	4.09E-03
2.13E-03	1.38E-04	8.65E-04	4.35E-03
2.18E-03	1.41E-04	1.04E-03	4.69E-03
2.24E-03	1.46E-04	1.26E-03	5.12E-03

2.31E-03	1.50E-04	1.56E-03	5.68E-03
2.39E-03	1.56E-04	1.94E-03	6.39E-03
2.49E-03	1.63E-04	2.39E-03	7.28E-03
2.61E-03	1.71E-04	2.92E-03	8.39E-03
2.75E-03	1.81E-04	3.49E-03	9.74E-03
2.94E-03	1.94E-04	4.07E-03	1.13E-02
3.18E-03	2.11E-04	4.61E-03	1.33E-02
3.50E-03	2.34E-04	5.09E-03	1.56E-02
3.92E-03	2.64E-04	5.46E-03	1.85E-02
4.48E-03	3.05E-04	5.78E-03	2.21E-02
5.03E-03	3.45E-04	5.98E-03	2.52E-02
5.36E-03	3.67E-04	6.10E-03	2.73E-02
5.54E-03	3.77E-04	6.17E-03	2.86E-02
5.60E-03	3.78E-04	6.21E-03	2.92E-02
5.55E-03	3.72E-04	6.22E-03	2.92E-02
5.44E-03	3.63E-04	6.20E-03	2.88E-02
5.29E-03	3.51E-04	6.16E-03	2.81E-02
5.11E-03	3.38E-04	6.09E-03	2.72E-02
4.94E-03	3.25E-04	5.99E-03	2.62E-02
4.76E-03	3.13E-04	5.87E-03	2.52E-02
4.58E-03	3.01E-04	5.73E-03	2.41E-02
4.41E-03	2.90E-04	5.57E-03	2.30E-02
4.24E-03	2.79E-04	5.39E-03	2.19E-02
4.08E-03	2.69E-04	5.21E-03	2.08E-02
3.93E-03	2.59E-04	5.02E-03	1.97E-02
3.79E-03	2.50E-04	4.83E-03	1.87E-02
3.66E-03	2.41E-04	4.63E-03	1.78E-02
3.53E-03	2.33E-04	4.43E-03	1.68E-02
3.41E-03	2.25E-04	4.24E-03	1.60E-02
3.30E-03	2.17E-04	4.06E-03	1.51E-02
3.19E-03	2.10E-04	3.87E-03	1.44E-02
3.08E-03	2.03E-04	3.70E-03	1.36E-02
2.98E-03	1.96E-04	3.53E-03	1.29E-02
2.89E-03	1.90E-04	3.37E-03	1.23E-02
2.80E-03	1.84E-04	3.21E-03	1.17E-02
2.71E-03	1.78E-04	3.07E-03	1.11E-02
2.63E-03	1.73E-04	2.93E-03	1.06E-02
2.55E-03	1.67E-04	2.79E-03	1.01E-02
2.47E-03	1.62E-04	2.67E-03	9.63E-03
2.40E-03	1.57E-04	2.55E-03	9.19E-03
2.34E-03	1.53E-04	2.43E-03	8.78E-03
2.27E-03	1.49E-04	2.32E-03	8.39E-03
2.21E-03	1.45E-04	2.22E-03	8.03E-03
2.15E-03	1.41E-04	2.12E-03	7.69E-03
2.10E-03	1.37E-04	2.03E-03	7.38E-03
2.05E-03	1.34E-04	1.94E-03	7.08E-03
1.36E-03	8.90E-05	2.96E-04	2.20E-03
1.41E-03	9.23E-05	3.04E-04	2.28E-03
1.46E-03	9.55E-05	3.12E-04	2.35E-03
1.51E-03	9.84E-05	3.21E-04	2.43E-03
1.55E-03	1.01E-04	3.30E-04	2.50E-03
1.60E-03	1.04E-04	3.39E-04	2.58E-03
1.64E-03	1.07E-04	3.49E-04	2.66E-03
1.68E-03	1.10E-04	3.59E-04	2.73E-03
1.71E-03	1.12E-04	3.69E-04	2.80E-03



1.74E-03	1.14E-04	3.80E-04	2.87E-03
1.77E-03	1.15E-04	3.91E-04	2.94E-03
1.80E-03	1.17E-04	4.02E-04	3.01E-03
1.83E-03	1.18E-04	4.14E-04	3.08E-03
1.85E-03	1.20E-04	4.26E-04	3.15E-03
1.88E-03	1.21E-04	4.38E-04	3.22E-03
1.90E-03	1.23E-04	4.52E-04	3.29E-03
1.93E-03	1.25E-04	4.66E-04	3.38E-03
1.97E-03	1.27E-04	4.83E-04	3.47E-03
2.00E-03	1.29E-04	5.02E-04	3.57E-03
2.03E-03	1.31E-04	5.24E-04	3.67E-03
2.07E-03	1.33E-04	5.51E-04	3.79E-03
2.10E-03	1.36E-04	5.87E-04	3.92E-03
2.14E-03	1.38E-04	6.33E-04	4.08E-03
2.19E-03	1.41E-04	6.96E-04	4.26E-03
2.23E-03	1.45E-04	7.85E-04	4.48E-03
2.28E-03	1.48E-04	9.12E-04	4.76E-03
2.34E-03	1.52E-04	1.09E-03	5.13E-03
2.40E-03	1.56E-04	1.34E-03	5.61E-03
2.47E-03	1.61E-04	1.68E-03	6.24E-03
2.56E-03	1.68E-04	2.12E-03	7.06E-03
2.67E-03	1.75E-04	2.67E-03	8.12E-03
2.81E-03	1.85E-04	3.31E-03	9.44E-03
2.98E-03	1.97E-04	4.02E-03	1.11E-02
3.20E-03	2.12E-04	4.73E-03	1.30E-02
3.51E-03	2.34E-04	5.40E-03	1.54E-02
3.96E-03	2.66E-04	5.97E-03	1.83E-02
4.67E-03	3.17E-04	6.42E-03	2.24E-02
5.83E-03	4.05E-04	6.77E-03	2.82E-02
7.22E-03	5.14E-04	6.96E-03	3.34E-02
8.00E-03	5.71E-04	7.07E-03	3.63E-02
7.99E-03	5.63E-04	7.13E-03	3.72E-02
7.64E-03	5.30E-04	7.16E-03	3.69E-02
7.22E-03	4.93E-04	7.14E-03	3.60E-02
6.81E-03	4.61E-04	7.09E-03	3.48E-02
6.43E-03	4.32E-04	7.01E-03	3.33E-02
6.08E-03	4.05E-04	6.88E-03	3.17E-02
5.76E-03	3.82E-04	6.73E-03	3.01E-02
5.47E-03	3.62E-04	6.54E-03	2.85E-02
5.21E-03	3.44E-04	6.33E-03	2.69E-02
4.96E-03	3.27E-04	6.11E-03	2.54E-02
4.74E-03	3.12E-04	5.87E-03	2.39E-02
4.53E-03	2.99E-04	5.63E-03	2.26E-02
4.33E-03	2.86E-04	5.38E-03	2.12E-02
4.15E-03	2.74E-04	5.14E-03	2.00E-02
3.98E-03	2.63E-04	4.90E-03	1.88E-02
3.83E-03	2.52E-04	4.66E-03	1.77E-02
3.68E-03	2.43E-04	4.43E-03	1.67E-02
3.55E-03	2.33E-04	4.22E-03	1.58E-02
3.42E-03	2.25E-04	4.01E-03	1.49E-02
3.29E-03	2.17E-04	3.81E-03	1.41E-02
3.18E-03	2.09E-04	3.62E-03	1.33E-02
3.07E-03	2.02E-04	3.44E-03	1.26E-02
2.96E-03	1.95E-04	3.27E-03	1.19E-02
2.87E-03	1.88E-04	3.11E-03	1.13E-02

2.77E-03	1.82E-04	2.96E-03	1.08E-02
2.68E-03	1.76E-04	2.81E-03	1.02E-02
2.60E-03	1.70E-04	2.68E-03	9.73E-03
2.52E-03	1.65E-04	2.55E-03	9.27E-03
2.44E-03	1.60E-04	2.43E-03	8.85E-03
2.38E-03	1.55E-04	2.32E-03	8.44E-03
2.31E-03	1.51E-04	2.21E-03	8.07E-03
2.25E-03	1.47E-04	2.11E-03	7.72E-03
2.19E-03	1.43E-04	2.01E-03	7.39E-03
2.13E-03	1.39E-04	1.93E-03	7.09E-03
1.40E-03	9.17E-05	3.10E-04	2.28E-03
1.46E-03	9.55E-05	3.20E-04	2.36E-03
1.52E-03	9.93E-05	3.29E-04	2.45E-03
1.58E-03	1.03E-04	3.39E-04	2.54E-03
1.63E-03	1.07E-04	3.49E-04	2.63E-03
1.68E-03	1.10E-04	3.60E-04	2.72E-03
1.74E-03	1.14E-04	3.71E-04	2.81E-03
1.78E-03	1.17E-04	3.83E-04	2.90E-03
1.82E-03	1.19E-04	3.94E-04	2.98E-03
1.86E-03	1.22E-04	4.06E-04	3.06E-03
1.90E-03	1.24E-04	4.19E-04	3.14E-03
1.93E-03	1.25E-04	4.32E-04	3.21E-03
1.96E-03	1.27E-04	4.46E-04	3.29E-03
1.98E-03	1.29E-04	4.60E-04	3.37E-03
2.01E-03	1.30E-04	4.73E-04	3.45E-03
2.04E-03	1.32E-04	4.88E-04	3.53E-03
2.07E-03	1.34E-04	5.04E-04	3.63E-03
2.10E-03	1.35E-04	5.21E-04	3.72E-03
2.13E-03	1.38E-04	5.39E-04	3.83E-03
2.17E-03	1.40E-04	5.60E-04	3.94E-03
2.20E-03	1.42E-04	5.83E-04	4.06E-03
2.24E-03	1.44E-04	6.10E-04	4.19E-03
2.28E-03	1.47E-04	6.45E-04	4.34E-03
2.31E-03	1.50E-04	6.90E-04	4.51E-03
2.35E-03	1.53E-04	7.52E-04	4.71E-03
2.40E-03	1.56E-04	8.39E-04	4.95E-03
2.45E-03	1.59E-04	9.66E-04	5.26E-03
2.51E-03	1.63E-04	1.15E-03	5.66E-03
2.57E-03	1.68E-04	1.42E-03	6.20E-03
2.65E-03	1.73E-04	1.81E-03	6.93E-03
2.75E-03	1.80E-04	2.33E-03	7.90E-03
2.86E-03	1.88E-04	2.99E-03	9.17E-03
3.02E-03	1.99E-04	3.79E-03	1.08E-02
3.22E-03	2.12E-04	4.67E-03	1.28E-02
3.49E-03	2.32E-04	5.58E-03	1.53E-02
3.89E-03	2.60E-04	6.42E-03	1.83E-02
4.50E-03	3.03E-04	7.09E-03	2.21E-02
5.63E-03	3.87E-04	7.64E-03	2.76E-02
8.12E-03	5.87E-04	8.00E-03	3.60E-02
7.14E-03	5.10E-04	8.18E-03	4.06E-02
6.06E-03	4.23E-04	8.28E-03	4.22E-02
1.26E-02	9.31E-04	8.33E-03	4.97E-02
1.08E-02	7.76E-04	8.33E-03	4.72E-02
9.56E-03	6.69E-04	8.27E-03	4.45E-02
8.59E-03	5.91E-04	8.16E-03	4.19E-02

7.84E-03	5.33E-04	8.00E-03	3.93E-02
7.24E-03	4.87E-04	7.79E-03	3.68E-02
6.73E-03	4.50E-04	7.54E-03	3.43E-02
6.29E-03	4.18E-04	7.26E-03	3.21E-02
5.91E-03	3.91E-04	6.97E-03	2.99E-02
5.58E-03	3.69E-04	6.66E-03	2.79E-02
5.28E-03	3.49E-04	6.35E-03	2.60E-02
5.01E-03	3.31E-04	6.03E-03	2.42E-02
4.77E-03	3.15E-04	5.73E-03	2.26E-02
4.54E-03	3.00E-04	5.42E-03	2.11E-02
4.34E-03	2.86E-04	5.14E-03	1.98E-02
4.15E-03	2.74E-04	4.86E-03	1.85E-02
3.97E-03	2.62E-04	4.59E-03	1.73E-02
3.81E-03	2.51E-04	4.35E-03	1.63E-02
3.66E-03	2.41E-04	4.11E-03	1.53E-02
3.52E-03	2.31E-04	3.89E-03	1.44E-02
3.38E-03	2.22E-04	3.68E-03	1.36E-02
3.26E-03	2.14E-04	3.48E-03	1.28E-02
3.14E-03	2.06E-04	3.30E-03	1.21E-02
3.03E-03	1.99E-04	3.13E-03	1.15E-02
2.92E-03	1.92E-04	2.96E-03	1.09E-02
2.82E-03	1.85E-04	2.81E-03	1.03E-02
2.73E-03	1.79E-04	2.67E-03	9.79E-03
2.64E-03	1.73E-04	2.54E-03	9.32E-03
2.56E-03	1.67E-04	2.42E-03	8.87E-03
2.48E-03	1.62E-04	2.30E-03	8.46E-03
2.41E-03	1.57E-04	2.19E-03	8.07E-03
2.34E-03	1.53E-04	2.08E-03	7.71E-03
2.27E-03	1.49E-04	1.99E-03	7.38E-03
2.21E-03	1.45E-04	1.90E-03	7.07E-03
1.51E-03	9.85E-05	3.35E-04	2.44E-03
1.57E-03	1.03E-04	3.46E-04	2.55E-03
1.64E-03	1.07E-04	3.57E-04	2.65E-03
1.71E-03	1.12E-04	3.69E-04	2.76E-03
1.77E-03	1.16E-04	3.81E-04	2.86E-03
1.84E-03	1.20E-04	3.94E-04	2.97E-03
1.90E-03	1.24E-04	4.07E-04	3.07E-03
1.95E-03	1.28E-04	4.20E-04	3.17E-03
2.00E-03	1.31E-04	4.35E-04	3.27E-03
2.04E-03	1.33E-04	4.49E-04	3.36E-03
2.08E-03	1.36E-04	4.64E-04	3.45E-03
2.11E-03	1.37E-04	4.80E-04	3.53E-03
2.14E-03	1.39E-04	4.96E-04	3.62E-03
2.17E-03	1.41E-04	5.13E-04	3.71E-03
2.20E-03	1.42E-04	5.30E-04	3.80E-03
2.23E-03	1.44E-04	5.48E-04	3.91E-03
2.27E-03	1.46E-04	5.67E-04	4.02E-03
2.30E-03	1.48E-04	5.87E-04	4.13E-03
2.33E-03	1.50E-04	6.08E-04	4.25E-03
2.37E-03	1.53E-04	6.31E-04	4.38E-03
2.40E-03	1.55E-04	6.57E-04	4.52E-03
2.43E-03	1.57E-04	6.86E-04	4.67E-03
2.47E-03	1.60E-04	7.21E-04	4.84E-03
2.50E-03	1.62E-04	7.66E-04	5.02E-03
2.54E-03	1.65E-04	8.26E-04	5.25E-03

2.58E-03	1.68E-04	9.10E-04	5.52E-03
2.63E-03	1.71E-04	1.03E-03	5.86E-03
2.69E-03	1.75E-04	1.22E-03	6.31E-03
2.75E-03	1.80E-04	1.51E-03	6.92E-03
2.83E-03	1.85E-04	1.94E-03	7.77E-03
2.93E-03	1.92E-04	2.55E-03	8.93E-03
3.06E-03	2.01E-04	3.36E-03	1.05E-02
3.23E-03	2.13E-04	4.37E-03	1.26E-02
3.45E-03	2.28E-04	5.50E-03	1.52E-02
3.77E-03	2.50E-04	6.68E-03	1.84E-02
4.24E-03	2.84E-04	7.75E-03	2.26E-02
5.01E-03	3.39E-04	8.59E-03	2.81E-02
5.83E-03	4.05E-04	9.83E-03	4.96E-02
1.44E-02	1.09E-03	9.84E-03	6.00E-02
1.55E-02	1.16E-03	9.78E-03	6.00E-02
1.27E-02	9.16E-04	9.64E-03	5.48E-02
1.09E-02	7.65E-04	9.42E-03	5.02E-02
9.58E-03	6.61E-04	9.14E-03	4.61E-02
8.61E-03	5.86E-04	8.80E-03	4.23E-02
7.86E-03	5.30E-04	8.43E-03	3.89E-02
7.23E-03	4.84E-04	8.03E-03	3.57E-02
6.71E-03	4.47E-04	7.62E-03	3.29E-02
6.27E-03	4.16E-04	7.21E-03	3.03E-02
5.89E-03	3.89E-04	6.80E-03	2.79E-02
5.55E-03	3.66E-04	6.41E-03	2.58E-02
5.25E-03	3.46E-04	6.03E-03	2.39E-02
4.97E-03	3.28E-04	5.68E-03	2.21E-02
4.72E-03	3.11E-04	5.34E-03	2.05E-02
4.50E-03	2.96E-04	5.02E-03	1.91E-02
4.29E-03	2.83E-04	4.72E-03	1.78E-02
4.10E-03	2.70E-04	4.44E-03	1.67E-02
3.92E-03	2.58E-04	4.18E-03	1.56E-02
3.75E-03	2.47E-04	3.94E-03	1.46E-02
3.60E-03	2.37E-04	3.71E-03	1.38E-02
3.46E-03	2.27E-04	3.50E-03	1.29E-02
3.32E-03	2.18E-04	3.30E-03	1.22E-02
3.19E-03	2.10E-04	3.12E-03	1.15E-02
3.08E-03	2.02E-04	2.95E-03	1.09E-02
2.97E-03	1.94E-04	2.79E-03	1.03E-02
2.86E-03	1.87E-04	2.65E-03	9.80E-03
2.77E-03	1.81E-04	2.51E-03	9.31E-03
2.68E-03	1.75E-04	2.38E-03	8.85E-03
2.59E-03	1.69E-04	2.26E-03	8.43E-03
2.51E-03	1.64E-04	2.15E-03	8.05E-03
2.44E-03	1.59E-04	2.05E-03	7.68E-03
2.37E-03	1.55E-04	1.95E-03	7.35E-03
2.30E-03	1.50E-04	1.86E-03	7.03E-03
2.23E-03	1.46E-04	1.77E-03	6.74E-03
1.62E-03	1.06E-04	3.63E-04	2.63E-03
1.70E-03	1.12E-04	3.75E-04	2.75E-03
1.78E-03	1.17E-04	3.88E-04	2.88E-03
1.86E-03	1.22E-04	4.02E-04	3.00E-03
1.94E-03	1.28E-04	4.16E-04	3.13E-03
2.02E-03	1.33E-04	4.31E-04	3.25E-03
2.09E-03	1.37E-04	4.47E-04	3.38E-03

2.16E-03	1.41E-04	4.64E-04	3.50E-03
2.21E-03	1.45E-04	4.81E-04	3.60E-03
2.26E-03	1.47E-04	4.98E-04	3.71E-03
2.30E-03	1.50E-04	5.17E-04	3.81E-03
2.33E-03	1.51E-04	5.36E-04	3.91E-03
2.36E-03	1.53E-04	5.56E-04	4.01E-03
2.40E-03	1.55E-04	5.76E-04	4.11E-03
2.43E-03	1.57E-04	5.98E-04	4.23E-03
2.47E-03	1.59E-04	6.20E-04	4.35E-03
2.50E-03	1.61E-04	6.44E-04	4.48E-03
2.54E-03	1.64E-04	6.68E-04	4.61E-03
2.57E-03	1.66E-04	6.94E-04	4.75E-03
2.60E-03	1.68E-04	7.21E-04	4.90E-03
2.63E-03	1.70E-04	7.50E-04	5.06E-03
2.66E-03	1.72E-04	7.84E-04	5.23E-03
2.68E-03	1.74E-04	8.21E-04	5.42E-03
2.71E-03	1.77E-04	8.66E-04	5.64E-03
2.74E-03	1.79E-04	9.24E-04	5.89E-03
2.78E-03	1.81E-04	1.01E-03	6.19E-03
2.82E-03	1.84E-04	1.13E-03	6.58E-03
2.87E-03	1.88E-04	1.31E-03	7.09E-03
2.94E-03	1.93E-04	1.61E-03	7.78E-03
3.02E-03	1.98E-04	2.08E-03	8.78E-03
3.12E-03	2.05E-04	2.78E-03	1.02E-02
3.26E-03	2.15E-04	3.79E-03	1.22E-02
3.44E-03	2.27E-04	5.08E-03	1.49E-02
3.68E-03	2.43E-04	6.58E-03	1.84E-02
4.01E-03	2.67E-04	8.14E-03	2.29E-02
4.52E-03	3.03E-04	9.54E-03	2.88E-02
1.08E-02	7.89E-04	1.18E-02	6.31E-02
1.19E-02	8.73E-04	1.16E-02	6.39E-02
1.74E-02	1.30E-03	1.13E-02	6.72E-02
1.40E-02	1.01E-03	1.09E-02	5.99E-02
1.18E-02	8.34E-04	1.04E-02	5.36E-02
1.03E-02	7.14E-04	9.89E-03	4.82E-02
9.20E-03	6.27E-04	9.34E-03	4.35E-02
8.34E-03	5.63E-04	8.79E-03	3.93E-02
7.64E-03	5.12E-04	8.24E-03	3.57E-02
7.06E-03	4.70E-04	7.71E-03	3.24E-02
6.57E-03	4.36E-04	7.21E-03	2.96E-02
6.15E-03	4.07E-04	6.73E-03	2.71E-02
5.77E-03	3.81E-04	6.29E-03	2.49E-02
5.44E-03	3.59E-04	5.87E-03	2.29E-02
5.15E-03	3.39E-04	5.48E-03	2.11E-02
4.87E-03	3.21E-04	5.13E-03	1.96E-02
4.63E-03	3.05E-04	4.79E-03	1.82E-02
4.40E-03	2.90E-04	4.48E-03	1.69E-02
4.20E-03	2.76E-04	4.20E-03	1.58E-02
4.01E-03	2.64E-04	3.95E-03	1.48E-02
3.83E-03	2.52E-04	3.70E-03	1.38E-02
3.67E-03	2.41E-04	3.48E-03	1.30E-02
3.51E-03	2.31E-04	3.28E-03	1.22E-02
3.37E-03	2.21E-04	3.09E-03	1.15E-02
3.24E-03	2.12E-04	2.92E-03	1.09E-02
3.12E-03	2.04E-04	2.76E-03	1.03E-02

3.00E-03	1.96E-04	2.61E-03	9.77E-03
2.90E-03	1.89E-04	2.47E-03	9.27E-03
2.80E-03	1.83E-04	2.34E-03	8.81E-03
2.71E-03	1.77E-04	2.22E-03	8.38E-03
2.62E-03	1.71E-04	2.11E-03	7.99E-03
2.54E-03	1.66E-04	2.00E-03	7.63E-03
2.46E-03	1.61E-04	1.90E-03	7.29E-03
2.39E-03	1.56E-04	1.81E-03	6.98E-03
2.32E-03	1.51E-04	1.73E-03	6.68E-03
1.76E-03	1.15E-04	3.93E-04	2.85E-03
1.85E-03	1.22E-04	4.08E-04	2.99E-03
1.95E-03	1.28E-04	4.23E-04	3.14E-03
2.05E-03	1.35E-04	4.39E-04	3.29E-03
2.15E-03	1.41E-04	4.56E-04	3.44E-03
2.24E-03	1.48E-04	4.74E-04	3.59E-03
2.33E-03	1.53E-04	4.93E-04	3.74E-03
2.41E-03	1.58E-04	5.12E-04	3.88E-03
2.47E-03	1.62E-04	5.33E-04	4.01E-03
2.52E-03	1.65E-04	5.55E-04	4.12E-03
2.56E-03	1.67E-04	5.77E-04	4.24E-03
2.60E-03	1.69E-04	6.01E-04	4.35E-03
2.64E-03	1.71E-04	6.25E-04	4.47E-03
2.68E-03	1.73E-04	6.51E-04	4.60E-03
2.71E-03	1.75E-04	6.79E-04	4.74E-03
2.75E-03	1.78E-04	7.08E-04	4.88E-03
2.79E-03	1.80E-04	7.37E-04	5.03E-03
2.82E-03	1.82E-04	7.68E-04	5.18E-03
2.84E-03	1.84E-04	8.01E-04	5.34E-03
2.87E-03	1.86E-04	8.34E-04	5.51E-03
2.89E-03	1.88E-04	8.69E-04	5.69E-03
2.91E-03	1.89E-04	9.09E-04	5.89E-03
2.92E-03	1.91E-04	9.51E-04	6.11E-03
2.94E-03	1.92E-04	1.00E-03	6.36E-03
2.96E-03	1.94E-04	1.06E-03	6.65E-03
2.99E-03	1.96E-04	1.14E-03	7.00E-03
3.03E-03	1.98E-04	1.25E-03	7.44E-03
3.07E-03	2.01E-04	1.43E-03	8.03E-03
3.13E-03	2.06E-04	1.72E-03	8.83E-03
3.21E-03	2.11E-04	2.22E-03	9.99E-03
3.31E-03	2.18E-04	3.04E-03	1.17E-02
3.45E-03	2.27E-04	4.28E-03	1.43E-02
3.63E-03	2.40E-04	5.96E-03	1.78E-02
3.87E-03	2.56E-04	7.99E-03	2.26E-02
4.21E-03	2.80E-04	1.02E-02	2.89E-02
4.71E-03	3.15E-04	1.21E-02	3.69E-02
9.01E-03	6.40E-04	1.38E-02	6.67E-02
1.19E-02	8.69E-04	1.32E-02	6.82E-02
1.88E-02	1.41E-03	1.25E-02	7.13E-02
1.50E-02	1.09E-03	1.18E-02	6.21E-02
1.26E-02	8.90E-04	1.10E-02	5.45E-02
1.09E-02	7.56E-04	1.02E-02	4.81E-02
9.68E-03	6.61E-04	9.50E-03	4.27E-02
8.74E-03	5.91E-04	8.80E-03	3.81E-02
7.98E-03	5.34E-04	8.14E-03	3.42E-02
7.35E-03	4.90E-04	7.53E-03	3.09E-02

6.82E-03	4.53E-04	6.98E-03	2.81E-02
6.37E-03	4.21E-04	6.46E-03	2.56E-02
5.97E-03	3.94E-04	5.99E-03	2.34E-02
5.61E-03	3.70E-04	5.56E-03	2.15E-02
5.29E-03	3.49E-04	5.17E-03	1.99E-02
5.00E-03	3.30E-04	4.81E-03	1.84E-02
4.74E-03	3.12E-04	4.48E-03	1.70E-02
4.50E-03	2.96E-04	4.19E-03	1.59E-02
4.28E-03	2.82E-04	3.92E-03	1.48E-02
4.08E-03	2.68E-04	3.67E-03	1.39E-02
3.89E-03	2.55E-04	3.44E-03	1.30E-02
3.72E-03	2.44E-04	3.23E-03	1.22E-02
3.56E-03	2.33E-04	3.04E-03	1.15E-02
3.41E-03	2.23E-04	2.86E-03	1.08E-02
3.28E-03	2.14E-04	2.70E-03	1.02E-02
3.15E-03	2.06E-04	2.54E-03	9.70E-03
3.04E-03	1.98E-04	2.41E-03	9.20E-03
2.93E-03	1.91E-04	2.28E-03	8.74E-03
2.83E-03	1.85E-04	2.16E-03	8.31E-03
2.73E-03	1.78E-04	2.05E-03	7.92E-03
2.64E-03	1.73E-04	1.95E-03	7.56E-03
2.56E-03	1.67E-04	1.85E-03	7.22E-03
2.48E-03	1.62E-04	1.76E-03	6.91E-03
2.40E-03	1.57E-04	1.68E-03	6.61E-03
1.92E-03	1.26E-04	4.27E-04	3.09E-03
2.03E-03	1.34E-04	4.43E-04	3.26E-03
2.16E-03	1.42E-04	4.61E-04	3.44E-03
2.28E-03	1.50E-04	4.80E-04	3.62E-03
2.40E-03	1.59E-04	5.00E-04	3.81E-03
2.52E-03	1.66E-04	5.21E-04	4.00E-03
2.63E-03	1.73E-04	5.43E-04	4.17E-03
2.72E-03	1.79E-04	5.67E-04	4.34E-03
2.80E-03	1.83E-04	5.93E-04	4.49E-03
2.85E-03	1.86E-04	6.19E-04	4.63E-03
2.90E-03	1.89E-04	6.47E-04	4.76E-03
2.94E-03	1.91E-04	6.75E-04	4.89E-03
2.99E-03	1.93E-04	7.07E-04	5.04E-03
3.03E-03	1.96E-04	7.41E-04	5.19E-03
3.07E-03	1.98E-04	7.76E-04	5.35E-03
3.11E-03	2.01E-04	8.12E-04	5.51E-03
3.14E-03	2.03E-04	8.51E-04	5.68E-03
3.16E-03	2.05E-04	8.92E-04	5.85E-03
3.17E-03	2.06E-04	9.35E-04	6.03E-03
3.18E-03	2.07E-04	9.78E-04	6.22E-03
3.18E-03	2.08E-04	1.02E-03	6.43E-03
3.18E-03	2.08E-04	1.07E-03	6.66E-03
3.19E-03	2.09E-04	1.13E-03	6.91E-03
3.19E-03	2.09E-04	1.18E-03	7.21E-03
3.20E-03	2.10E-04	1.25E-03	7.55E-03
3.21E-03	2.11E-04	1.33E-03	7.97E-03
3.24E-03	2.13E-04	1.44E-03	8.49E-03
3.27E-03	2.15E-04	1.61E-03	9.16E-03
3.33E-03	2.19E-04	1.88E-03	1.01E-02
3.40E-03	2.24E-04	2.38E-03	1.14E-02
3.50E-03	2.30E-04	3.29E-03	1.35E-02

3.63E-03	2.39E-04	4.81E-03	1.67E-02
3.80E-03	2.51E-04	7.02E-03	2.14E-02
4.03E-03	2.67E-04	9.89E-03	2.79E-02
4.35E-03	2.89E-04	1.31E-02	3.69E-02
1.24E-02	9.00E-04	1.53E-02	7.27E-02
1.36E-02	1.00E-03	1.42E-02	7.08E-02
1.58E-02	1.17E-03	1.31E-02	6.72E-02
1.59E-02	1.16E-03	1.20E-02	6.10E-02
1.33E-02	9.37E-04	1.10E-02	5.24E-02
1.15E-02	7.95E-04	1.01E-02	4.56E-02
1.01E-02	6.91E-04	9.23E-03	4.01E-02
9.09E-03	6.14E-04	8.45E-03	3.55E-02
8.28E-03	5.55E-04	7.74E-03	3.18E-02
7.61E-03	5.07E-04	7.11E-03	2.87E-02
7.05E-03	4.68E-04	6.54E-03	2.60E-02
6.56E-03	4.34E-04	6.02E-03	2.37E-02
6.14E-03	4.05E-04	5.56E-03	2.17E-02
5.76E-03	3.79E-04	5.14E-03	2.00E-02
5.42E-03	3.57E-04	4.77E-03	1.84E-02
5.11E-03	3.37E-04	4.43E-03	1.70E-02
4.83E-03	3.18E-04	4.12E-03	1.58E-02
4.58E-03	3.01E-04	3.84E-03	1.48E-02
4.35E-03	2.86E-04	3.59E-03	1.38E-02
4.13E-03	2.71E-04	3.36E-03	1.29E-02
3.94E-03	2.58E-04	3.15E-03	1.21E-02
3.76E-03	2.46E-04	2.96E-03	1.14E-02
3.60E-03	2.35E-04	2.78E-03	1.07E-02
3.45E-03	2.25E-04	2.62E-03	1.01E-02
3.31E-03	2.16E-04	2.47E-03	9.60E-03
3.18E-03	2.08E-04	2.33E-03	9.10E-03
3.06E-03	2.00E-04	2.20E-03	8.65E-03
2.95E-03	1.93E-04	2.09E-03	8.23E-03
2.85E-03	1.86E-04	1.98E-03	7.84E-03
2.75E-03	1.80E-04	1.88E-03	7.47E-03
2.66E-03	1.74E-04	1.79E-03	7.14E-03
2.57E-03	1.68E-04	1.70E-03	6.83E-03
2.48E-03	1.63E-04	1.62E-03	6.53E-03
2.10E-03	1.38E-04	4.63E-04	3.37E-03
2.25E-03	1.48E-04	4.82E-04	3.58E-03
2.40E-03	1.59E-04	5.03E-04	3.80E-03
2.56E-03	1.70E-04	5.25E-04	4.03E-03
2.72E-03	1.80E-04	5.49E-04	4.26E-03
2.88E-03	1.90E-04	5.74E-04	4.49E-03
3.02E-03	1.99E-04	6.01E-04	4.71E-03
3.13E-03	2.06E-04	6.29E-04	4.91E-03
3.22E-03	2.11E-04	6.60E-04	5.09E-03
3.28E-03	2.14E-04	6.92E-04	5.24E-03
3.34E-03	2.17E-04	7.26E-04	5.40E-03
3.39E-03	2.19E-04	7.63E-04	5.57E-03
3.45E-03	2.22E-04	8.03E-04	5.74E-03
3.49E-03	2.25E-04	8.46E-04	5.92E-03
3.53E-03	2.28E-04	8.91E-04	6.10E-03
3.55E-03	2.30E-04	9.39E-04	6.28E-03
3.56E-03	2.32E-04	9.90E-04	6.46E-03
3.56E-03	2.32E-04	1.05E-03	6.64E-03



3.55E-03	2.32E-04	1.10E-03	6.84E-03
3.53E-03	2.31E-04	1.16E-03	7.05E-03
3.51E-03	2.30E-04	1.22E-03	7.28E-03
3.49E-03	2.29E-04	1.29E-03	7.54E-03
3.47E-03	2.28E-04	1.36E-03	7.85E-03
3.45E-03	2.27E-04	1.44E-03	8.20E-03
3.45E-03	2.27E-04	1.52E-03	8.62E-03
3.45E-03	2.27E-04	1.61E-03	9.12E-03
3.46E-03	2.27E-04	1.72E-03	9.74E-03
3.48E-03	2.29E-04	1.88E-03	1.05E-02
3.52E-03	2.32E-04	2.13E-03	1.16E-02
3.58E-03	2.36E-04	2.59E-03	1.31E-02
3.67E-03	2.42E-04	3.53E-03	1.55E-02
3.79E-03	2.50E-04	5.32E-03	1.94E-02
3.95E-03	2.61E-04	8.24E-03	2.55E-02
4.16E-03	2.75E-04	1.25E-02	3.49E-02
1.28E-02	9.33E-04	1.58E-02	7.13E-02
1.29E-02	9.37E-04	1.43E-02	6.58E-02
1.62E-02	1.20E-03	1.29E-02	6.22E-02
1.68E-02	1.23E-03	1.16E-02	5.64E-02
1.39E-02	9.86E-04	1.05E-02	4.79E-02
1.19E-02	8.29E-04	9.48E-03	4.15E-02
1.05E-02	7.18E-04	8.59E-03	3.64E-02
9.42E-03	6.37E-04	7.81E-03	3.23E-02
8.55E-03	5.74E-04	7.12E-03	2.90E-02
7.85E-03	5.24E-04	6.51E-03	2.62E-02
7.25E-03	4.81E-04	5.97E-03	2.38E-02
6.74E-03	4.46E-04	5.48E-03	2.17E-02
6.28E-03	4.15E-04	5.05E-03	1.99E-02
5.88E-03	3.88E-04	4.66E-03	1.83E-02
5.53E-03	3.64E-04	4.32E-03	1.70E-02
5.20E-03	3.42E-04	4.01E-03	1.57E-02
4.91E-03	3.22E-04	3.73E-03	1.46E-02
4.64E-03	3.05E-04	3.48E-03	1.37E-02
4.39E-03	2.89E-04	3.25E-03	1.28E-02
4.17E-03	2.74E-04	3.04E-03	1.20E-02
3.97E-03	2.60E-04	2.85E-03	1.13E-02
3.79E-03	2.48E-04	2.68E-03	1.06E-02
3.63E-03	2.37E-04	2.52E-03	1.00E-02
3.48E-03	2.27E-04	2.38E-03	9.49E-03
3.34E-03	2.18E-04	2.24E-03	8.99E-03
3.21E-03	2.10E-04	2.12E-03	8.54E-03
3.08E-03	2.02E-04	2.01E-03	8.12E-03
2.97E-03	1.94E-04	1.90E-03	7.73E-03
2.86E-03	1.87E-04	1.81E-03	7.37E-03
2.76E-03	1.80E-04	1.72E-03	7.04E-03
2.66E-03	1.74E-04	1.64E-03	6.73E-03
2.56E-03	1.68E-04	1.56E-03	6.44E-03
2.32E-03	1.53E-04	5.02E-04	3.69E-03
2.50E-03	1.66E-04	5.25E-04	3.94E-03
2.70E-03	1.79E-04	5.49E-04	4.22E-03
2.92E-03	1.94E-04	5.75E-04	4.51E-03
3.13E-03	2.08E-04	6.03E-04	4.82E-03
3.34E-03	2.22E-04	6.32E-04	5.12E-03
3.53E-03	2.34E-04	6.64E-04	5.40E-03

3.68E-03	2.43E-04	6.99E-04	5.65E-03
3.78E-03	2.48E-04	7.35E-04	5.85E-03
3.85E-03	2.52E-04	7.74E-04	6.03E-03
3.93E-03	2.55E-04	8.16E-04	6.22E-03
4.00E-03	2.59E-04	8.63E-04	6.43E-03
4.05E-03	2.62E-04	9.14E-04	6.63E-03
4.09E-03	2.65E-04	9.68E-04	6.83E-03
4.11E-03	2.67E-04	1.03E-03	7.01E-03
4.10E-03	2.67E-04	1.09E-03	7.19E-03
4.07E-03	2.66E-04	1.16E-03	7.37E-03
4.03E-03	2.64E-04	1.23E-03	7.55E-03
3.98E-03	2.61E-04	1.31E-03	7.76E-03
3.93E-03	2.58E-04	1.40E-03	7.99E-03
3.87E-03	2.55E-04	1.49E-03	8.25E-03
3.82E-03	2.52E-04	1.58E-03	8.56E-03
3.77E-03	2.48E-04	1.69E-03	8.93E-03
3.73E-03	2.46E-04	1.80E-03	9.37E-03
3.70E-03	2.44E-04	1.91E-03	9.88E-03
3.68E-03	2.43E-04	2.02E-03	1.05E-02
3.68E-03	2.42E-04	2.16E-03	1.13E-02
3.69E-03	2.43E-04	2.32E-03	1.22E-02
3.71E-03	2.45E-04	2.55E-03	1.35E-02
3.76E-03	2.48E-04	2.95E-03	1.52E-02
3.84E-03	2.53E-04	3.82E-03	1.79E-02
3.94E-03	2.60E-04	5.74E-03	2.24E-02
4.08E-03	2.69E-04	9.69E-03	3.04E-02
4.27E-03	2.82E-04	1.64E-02	4.35E-02
1.29E-02	9.30E-04	1.51E-02	6.30E-02
1.46E-02	1.08E-03	1.34E-02	5.82E-02
1.74E-02	1.30E-03	1.19E-02	5.52E-02
1.76E-02	1.29E-03	1.06E-02	5.03E-02
1.45E-02	1.03E-03	9.50E-03	4.27E-02
1.24E-02	8.63E-04	8.54E-03	3.71E-02
1.09E-02	7.48E-04	7.72E-03	3.27E-02
9.74E-03	6.60E-04	6.99E-03	2.92E-02
8.81E-03	5.92E-04	6.36E-03	2.62E-02
8.06E-03	5.38E-04	5.81E-03	2.37E-02
7.43E-03	4.93E-04	5.32E-03	2.16E-02
6.89E-03	4.56E-04	4.89E-03	1.98E-02
6.41E-03	4.23E-04	4.50E-03	1.82E-02
5.99E-03	3.94E-04	4.16E-03	1.68E-02
5.61E-03	3.69E-04	3.86E-03	1.56E-02
5.27E-03	3.46E-04	3.58E-03	1.45E-02
4.96E-03	3.26E-04	3.34E-03	1.35E-02
4.68E-03	3.07E-04	3.12E-03	1.26E-02
4.43E-03	2.90E-04	2.92E-03	1.18E-02
4.21E-03	2.75E-04	2.74E-03	1.11E-02
4.01E-03	2.62E-04	2.57E-03	1.05E-02
3.82E-03	2.50E-04	2.41E-03	9.89E-03
3.66E-03	2.39E-04	2.27E-03	9.36E-03
3.50E-03	2.29E-04	2.15E-03	8.87E-03
3.36E-03	2.19E-04	2.03E-03	8.43E-03
3.22E-03	2.11E-04	1.92E-03	8.01E-03
3.09E-03	2.02E-04	1.82E-03	7.62E-03
2.97E-03	1.95E-04	1.73E-03	7.27E-03

2.86E-03	1.87E-04	1.64E-03	6.94E-03
2.75E-03	1.80E-04	1.57E-03	6.63E-03
2.64E-03	1.74E-04	1.49E-03	6.34E-03
2.57E-03	1.71E-04	5.45E-04	4.05E-03
2.81E-03	1.87E-04	5.71E-04	4.37E-03
3.08E-03	2.05E-04	5.99E-04	4.73E-03
3.37E-03	2.25E-04	6.29E-04	5.12E-03
3.68E-03	2.46E-04	6.62E-04	5.53E-03
3.98E-03	2.66E-04	6.97E-04	5.94E-03
4.25E-03	2.83E-04	7.34E-04	6.32E-03
4.44E-03	2.95E-04	7.75E-04	6.63E-03
4.57E-03	3.02E-04	8.18E-04	6.87E-03
4.67E-03	3.06E-04	8.66E-04	7.10E-03
4.77E-03	3.11E-04	9.18E-04	7.34E-03
4.85E-03	3.16E-04	9.77E-04	7.58E-03
4.89E-03	3.19E-04	1.04E-03	7.78E-03
4.89E-03	3.19E-04	1.11E-03	7.96E-03
4.84E-03	3.16E-04	1.18E-03	8.12E-03
4.77E-03	3.12E-04	1.27E-03	8.26E-03
4.67E-03	3.07E-04	1.36E-03	8.42E-03
4.57E-03	3.01E-04	1.46E-03	8.59E-03
4.46E-03	2.94E-04	1.57E-03	8.79E-03
4.36E-03	2.88E-04	1.69E-03	9.04E-03
4.26E-03	2.81E-04	1.82E-03	9.35E-03
4.17E-03	2.75E-04	1.97E-03	9.72E-03
4.09E-03	2.70E-04	2.13E-03	1.02E-02
4.02E-03	2.65E-04	2.30E-03	1.07E-02
3.96E-03	2.61E-04	2.48E-03	1.14E-02
3.92E-03	2.59E-04	2.66E-03	1.22E-02
3.90E-03	2.57E-04	2.86E-03	1.31E-02
3.89E-03	2.56E-04	3.07E-03	1.43E-02
3.90E-03	2.57E-04	3.30E-03	1.58E-02
3.94E-03	2.60E-04	3.64E-03	1.78E-02
4.00E-03	2.63E-04	4.32E-03	2.07E-02
4.08E-03	2.69E-04	6.08E-03	2.55E-02
4.20E-03	2.77E-04	1.11E-02	3.56E-02
1.39E-02	9.89E-04	1.78E-02	6.73E-02
1.75E-02	1.29E-03	1.54E-02	6.37E-02
1.29E-02	9.32E-04	1.35E-02	5.24E-02
1.34E-02	9.73E-04	1.18E-02	4.76E-02
1.38E-02	1.00E-03	1.05E-02	4.35E-02
1.86E-02	1.37E-03	9.30E-03	4.50E-02
1.51E-02	1.08E-03	8.30E-03	3.82E-02
1.29E-02	9.04E-04	7.46E-03	3.33E-02
1.13E-02	7.76E-04	6.73E-03	2.94E-02
1.00E-02	6.82E-04	6.10E-03	2.63E-02
9.04E-03	6.08E-04	5.55E-03	2.36E-02
8.26E-03	5.51E-04	5.07E-03	2.15E-02
7.60E-03	5.04E-04	4.66E-03	1.97E-02
7.02E-03	4.64E-04	4.29E-03	1.80E-02
6.52E-03	4.30E-04	3.96E-03	1.66E-02
6.07E-03	3.99E-04	3.67E-03	1.54E-02
5.67E-03	3.72E-04	3.41E-03	1.43E-02
5.31E-03	3.49E-04	3.17E-03	1.33E-02
5.00E-03	3.27E-04	2.96E-03	1.25E-02

4.71E-03	3.09E-04	2.77E-03	1.17E-02
4.46E-03	2.92E-04	2.60E-03	1.10E-02
4.24E-03	2.77E-04	2.44E-03	1.03E-02
4.04E-03	2.64E-04	2.29E-03	9.76E-03
3.85E-03	2.52E-04	2.16E-03	9.23E-03
3.67E-03	2.40E-04	2.04E-03	8.75E-03
3.51E-03	2.30E-04	1.93E-03	8.30E-03
3.36E-03	2.20E-04	1.83E-03	7.89E-03
3.21E-03	2.11E-04	1.73E-03	7.51E-03
3.08E-03	2.02E-04	1.65E-03	7.16E-03
2.95E-03	1.94E-04	1.57E-03	6.83E-03
2.83E-03	1.86E-04	1.49E-03	6.52E-03
2.72E-03	1.79E-04	1.42E-03	6.23E-03
2.88E-03	1.92E-04	5.90E-04	4.48E-03
3.19E-03	2.13E-04	6.20E-04	4.88E-03
3.55E-03	2.38E-04	6.52E-04	5.34E-03
3.97E-03	2.66E-04	6.87E-04	5.87E-03
4.42E-03	2.97E-04	7.24E-04	6.45E-03
4.89E-03	3.29E-04	7.65E-04	7.05E-03
5.31E-03	3.57E-04	8.10E-04	7.61E-03
5.61E-03	3.76E-04	8.57E-04	8.04E-03
5.80E-03	3.86E-04	9.09E-04	8.37E-03
5.96E-03	3.94E-04	9.67E-04	8.68E-03
6.07E-03	4.01E-04	1.03E-03	8.96E-03
6.10E-03	4.02E-04	1.10E-03	9.16E-03
6.04E-03	3.98E-04	1.18E-03	9.29E-03
5.91E-03	3.90E-04	1.27E-03	9.37E-03
5.74E-03	3.78E-04	1.36E-03	9.43E-03
5.55E-03	3.66E-04	1.47E-03	9.49E-03
5.35E-03	3.54E-04	1.59E-03	9.59E-03
5.16E-03	3.41E-04	1.72E-03	9.73E-03
4.98E-03	3.29E-04	1.88E-03	9.93E-03
4.82E-03	3.19E-04	2.05E-03	1.02E-02
4.67E-03	3.09E-04	2.24E-03	1.06E-02
4.53E-03	3.00E-04	2.46E-03	1.10E-02
4.41E-03	2.92E-04	2.71E-03	1.16E-02
4.31E-03	2.85E-04	2.99E-03	1.23E-02
4.23E-03	2.79E-04	3.30E-03	1.32E-02
4.16E-03	2.75E-04	3.64E-03	1.42E-02
4.12E-03	2.72E-04	4.01E-03	1.55E-02
4.09E-03	2.70E-04	4.38E-03	1.71E-02
4.09E-03	2.69E-04	4.75E-03	1.90E-02
4.11E-03	2.71E-04	5.11E-03	2.14E-02
4.14E-03	2.73E-04	5.54E-03	2.44E-02
4.21E-03	2.78E-04	6.76E-03	2.92E-02
9.91E-03	6.81E-04	2.07E-02	6.68E-02
1.15E-02	8.01E-04	1.76E-02	5.95E-02
1.37E-02	9.73E-04	1.51E-02	5.46E-02
1.70E-02	1.24E-03	1.30E-02	5.24E-02
1.30E-02	9.36E-04	1.13E-02	4.33E-02
1.08E-02	7.63E-04	9.99E-03	3.72E-02
1.34E-02	9.68E-04	8.83E-03	3.68E-02
1.95E-02	1.45E-03	7.86E-03	4.08E-02
1.58E-02	1.13E-03	7.04E-03	3.45E-02
1.34E-02	9.40E-04	6.35E-03	3.00E-02

1.17E-02	8.04E-04	5.75E-03	2.66E-02
1.03E-02	7.01E-04	5.22E-03	2.38E-02
9.29E-03	6.26E-04	4.77E-03	2.15E-02
8.45E-03	5.65E-04	4.38E-03	1.96E-02
7.74E-03	5.14E-04	4.03E-03	1.79E-02
7.13E-03	4.71E-04	3.72E-03	1.65E-02
6.60E-03	4.35E-04	3.45E-03	1.53E-02
6.13E-03	4.02E-04	3.21E-03	1.42E-02
5.71E-03	3.74E-04	2.99E-03	1.32E-02
5.35E-03	3.50E-04	2.79E-03	1.23E-02
5.03E-03	3.29E-04	2.61E-03	1.15E-02
4.75E-03	3.11E-04	2.45E-03	1.08E-02
4.50E-03	2.94E-04	2.30E-03	1.02E-02
4.26E-03	2.79E-04	2.17E-03	9.64E-03
4.05E-03	2.65E-04	2.04E-03	9.11E-03
3.85E-03	2.52E-04	1.93E-03	8.63E-03
3.67E-03	2.41E-04	1.83E-03	8.19E-03
3.50E-03	2.29E-04	1.73E-03	7.77E-03
3.33E-03	2.19E-04	1.64E-03	7.39E-03
3.18E-03	2.09E-04	1.56E-03	7.04E-03
3.04E-03	2.00E-04	1.49E-03	6.71E-03
2.91E-03	1.92E-04	1.42E-03	6.40E-03
2.78E-03	1.84E-04	1.35E-03	6.12E-03
3.26E-03	2.18E-04	6.39E-04	4.99E-03
3.67E-03	2.46E-04	6.73E-04	5.50E-03
4.16E-03	2.80E-04	7.09E-04	6.12E-03
4.76E-03	3.21E-04	7.49E-04	6.85E-03
5.47E-03	3.70E-04	7.93E-04	7.71E-03
6.25E-03	4.25E-04	8.40E-04	8.66E-03
7.02E-03	4.80E-04	8.90E-04	9.60E-03
7.61E-03	5.21E-04	9.46E-04	1.04E-02
7.98E-03	5.44E-04	1.01E-03	1.09E-02
8.20E-03	5.57E-04	1.08E-03	1.13E-02
8.16E-03	5.51E-04	1.16E-03	1.14E-02
7.91E-03	5.31E-04	1.24E-03	1.14E-02
7.56E-03	5.06E-04	1.34E-03	1.12E-02
7.17E-03	4.78E-04	1.44E-03	1.10E-02
6.79E-03	4.52E-04	1.56E-03	1.09E-02
6.43E-03	4.27E-04	1.70E-03	1.09E-02
6.10E-03	4.05E-04	1.85E-03	1.09E-02
5.80E-03	3.85E-04	2.03E-03	1.10E-02
5.53E-03	3.67E-04	2.23E-03	1.12E-02
5.30E-03	3.51E-04	2.46E-03	1.14E-02
5.09E-03	3.37E-04	2.73E-03	1.19E-02
4.90E-03	3.25E-04	3.05E-03	1.24E-02
4.74E-03	3.14E-04	3.43E-03	1.31E-02
4.61E-03	3.05E-04	3.88E-03	1.41E-02
4.50E-03	2.97E-04	4.40E-03	1.52E-02
4.41E-03	2.91E-04	5.03E-03	1.67E-02
4.34E-03	2.86E-04	5.77E-03	1.85E-02
4.30E-03	2.83E-04	6.62E-03	2.08E-02
4.27E-03	2.81E-04	7.53E-03	2.36E-02
4.27E-03	2.81E-04	8.38E-03	2.68E-02
4.29E-03	2.83E-04	9.07E-03	3.08E-02
4.34E-03	2.86E-04	9.49E-03	3.48E-02

8.77E-03	5.97E-04	1.95E-02	5.87E-02
9.93E-03	6.81E-04	1.64E-02	5.16E-02
1.14E-02	7.94E-04	1.40E-02	4.68E-02
1.35E-02	9.56E-04	1.21E-02	4.40E-02
1.66E-02	1.21E-03	1.05E-02	4.34E-02
1.29E-02	9.19E-04	9.20E-03	3.61E-02
1.37E-02	9.89E-04	8.14E-03	3.43E-02
1.45E-02	1.06E-03	7.26E-03	3.30E-02
2.06E-02	1.54E-03	6.50E-03	3.77E-02
1.65E-02	1.19E-03	5.86E-03	3.17E-02
1.38E-02	9.74E-04	5.30E-03	2.74E-02
1.20E-02	8.28E-04	4.83E-03	2.43E-02
1.06E-02	7.22E-04	4.42E-03	2.18E-02
9.51E-03	6.40E-04	4.05E-03	1.97E-02
8.61E-03	5.75E-04	3.74E-03	1.80E-02
7.86E-03	5.22E-04	3.46E-03	1.65E-02
7.21E-03	4.76E-04	3.21E-03	1.52E-02
6.65E-03	4.37E-04	2.99E-03	1.41E-02
6.16E-03	4.04E-04	2.79E-03	1.31E-02
5.75E-03	3.76E-04	2.60E-03	1.22E-02
5.39E-03	3.52E-04	2.44E-03	1.14E-02
5.06E-03	3.31E-04	2.29E-03	1.07E-02
4.77E-03	3.13E-04	2.16E-03	1.01E-02
4.50E-03	2.95E-04	2.03E-03	9.53E-03
4.26E-03	2.80E-04	1.92E-03	9.00E-03
4.03E-03	2.65E-04	1.82E-03	8.52E-03
3.82E-03	2.51E-04	1.72E-03	8.07E-03
3.63E-03	2.39E-04	1.63E-03	7.65E-03
3.45E-03	2.27E-04	1.55E-03	7.27E-03
3.28E-03	2.16E-04	1.48E-03	6.92E-03
3.12E-03	2.06E-04	1.41E-03	6.59E-03
2.98E-03	1.96E-04	1.34E-03	6.28E-03
2.84E-03	1.88E-04	1.28E-03	5.99E-03
3.73E-03	2.49E-04	6.91E-04	5.59E-03
4.28E-03	2.87E-04	7.29E-04	6.27E-03
4.97E-03	3.35E-04	7.70E-04	7.10E-03
5.84E-03	3.96E-04	8.15E-04	8.14E-03
6.97E-03	4.77E-04	8.64E-04	9.46E-03
8.40E-03	5.83E-04	9.18E-04	1.11E-02
1.02E-02	7.20E-04	9.77E-04	1.32E-02
1.20E-02	8.57E-04	1.04E-03	1.53E-02
1.28E-02	9.15E-04	1.11E-03	1.63E-02
1.24E-02	8.76E-04	1.20E-03	1.60E-02
1.14E-02	7.92E-04	1.29E-03	1.51E-02
1.04E-02	7.10E-04	1.39E-03	1.43E-02
9.43E-03	6.41E-04	1.50E-03	1.35E-02
8.64E-03	5.83E-04	1.63E-03	1.30E-02
7.97E-03	5.35E-04	1.77E-03	1.26E-02
7.39E-03	4.94E-04	1.94E-03	1.23E-02
6.90E-03	4.60E-04	2.13E-03	1.22E-02
6.48E-03	4.31E-04	2.36E-03	1.22E-02
6.11E-03	4.06E-04	2.62E-03	1.24E-02
5.79E-03	3.84E-04	2.93E-03	1.27E-02
5.52E-03	3.66E-04	3.29E-03	1.32E-02
5.29E-03	3.50E-04	3.73E-03	1.39E-02

5.08E-03	3.36E-04	4.27E-03	1.48E-02
4.91E-03	3.25E-04	4.93E-03	1.60E-02
4.77E-03	3.15E-04	5.75E-03	1.75E-02
4.66E-03	3.07E-04	6.79E-03	1.94E-02
4.57E-03	3.01E-04	8.13E-03	2.20E-02
4.50E-03	2.96E-04	9.86E-03	2.53E-02
4.45E-03	2.93E-04	1.21E-02	2.96E-02
4.43E-03	2.92E-04	1.49E-02	3.52E-02
4.44E-03	2.92E-04	1.84E-02	4.24E-02
4.46E-03	2.94E-04	2.14E-02	4.93E-02
7.28E-03	4.89E-04	2.06E-02	5.76E-02
7.98E-03	5.38E-04	1.71E-02	4.95E-02
8.85E-03	6.01E-04	1.44E-02	4.37E-02
9.95E-03	6.81E-04	1.24E-02	3.96E-02
1.14E-02	7.88E-04	1.07E-02	3.72E-02
1.34E-02	9.41E-04	9.36E-03	3.61E-02
1.61E-02	1.17E-03	8.23E-03	3.64E-02
1.61E-02	1.18E-03	7.30E-03	3.42E-02
1.41E-02	1.03E-03	6.52E-03	3.03E-02
1.39E-02	1.00E-03	5.87E-03	2.85E-02
2.17E-02	1.64E-03	5.31E-03	3.56E-02
1.72E-02	1.25E-03	4.82E-03	2.96E-02
1.43E-02	1.01E-03	4.40E-03	2.55E-02
1.23E-02	8.53E-04	4.03E-03	2.25E-02
1.09E-02	7.41E-04	3.71E-03	2.02E-02
9.71E-03	6.54E-04	3.43E-03	1.83E-02
8.75E-03	5.84E-04	3.18E-03	1.67E-02
7.93E-03	5.26E-04	2.96E-03	1.53E-02
7.25E-03	4.78E-04	2.76E-03	1.41E-02
6.69E-03	4.39E-04	2.58E-03	1.31E-02
6.21E-03	4.07E-04	2.41E-03	1.22E-02
5.79E-03	3.79E-04	2.27E-03	1.14E-02
5.41E-03	3.54E-04	2.13E-03	1.07E-02
5.07E-03	3.32E-04	2.01E-03	1.00E-02
4.76E-03	3.12E-04	1.90E-03	9.44E-03
4.47E-03	2.94E-04	1.80E-03	8.90E-03
4.21E-03	2.77E-04	1.70E-03	8.41E-03
3.97E-03	2.62E-04	1.61E-03	7.95E-03
3.75E-03	2.47E-04	1.53E-03	7.53E-03
3.55E-03	2.34E-04	1.46E-03	7.14E-03
3.36E-03	2.22E-04	1.39E-03	6.78E-03
3.19E-03	2.11E-04	1.32E-03	6.45E-03
3.03E-03	2.00E-04	1.27E-03	6.15E-03
2.89E-03	1.91E-04	1.21E-03	5.86E-03
4.29E-03	2.88E-04	7.44E-04	6.30E-03
5.04E-03	3.40E-04	7.87E-04	7.20E-03
6.02E-03	4.09E-04	8.33E-04	8.35E-03
7.33E-03	5.02E-04	8.84E-04	9.87E-03
9.19E-03	6.40E-04	9.39E-04	1.20E-02
1.21E-02	8.66E-04	1.00E-03	1.53E-02
1.34E-02	9.76E-04	1.07E-03	1.68E-02
1.27E-02	9.16E-04	1.14E-03	1.62E-02
1.79E-02	1.34E-03	1.23E-03	2.21E-02
1.92E-02	1.42E-03	1.32E-03	2.36E-02
1.57E-02	1.12E-03	1.42E-03	2.01E-02

1.33E-02	9.33E-04	1.54E-03	1.77E-02
1.16E-02	8.00E-04	1.67E-03	1.61E-02
1.03E-02	7.00E-04	1.82E-03	1.50E-02
9.24E-03	6.24E-04	2.00E-03	1.43E-02
8.42E-03	5.66E-04	2.20E-03	1.39E-02
7.74E-03	5.18E-04	2.43E-03	1.36E-02
7.18E-03	4.79E-04	2.70E-03	1.36E-02
6.71E-03	4.46E-04	3.03E-03	1.37E-02
6.31E-03	4.19E-04	3.41E-03	1.41E-02
5.97E-03	3.95E-04	3.88E-03	1.46E-02
5.68E-03	3.76E-04	4.45E-03	1.54E-02
5.44E-03	3.59E-04	5.15E-03	1.64E-02
5.23E-03	3.45E-04	6.05E-03	1.79E-02
5.05E-03	3.33E-04	7.20E-03	1.97E-02
4.91E-03	3.24E-04	8.72E-03	2.22E-02
4.79E-03	3.16E-04	1.08E-02	2.55E-02
4.70E-03	3.10E-04	1.36E-02	2.99E-02
4.64E-03	3.05E-04	1.76E-02	3.60E-02
4.60E-03	3.03E-04	2.38E-02	4.50E-02
4.58E-03	3.01E-04	3.34E-02	5.80E-02
4.59E-03	3.02E-04	4.90E-02	7.73E-02
4.63E-03	3.04E-04	6.99E-02	1.01E-01
4.69E-03	3.08E-04	1.65E-02	4.88E-02
6.40E-03	4.26E-04	1.97E-02	5.42E-02
6.86E-03	4.58E-04	1.65E-02	4.65E-02
7.41E-03	4.97E-04	1.40E-02	4.06E-02
8.09E-03	5.45E-04	1.20E-02	3.63E-02
8.93E-03	6.05E-04	1.04E-02	3.33E-02
9.96E-03	6.80E-04	9.12E-03	3.12E-02
1.13E-02	7.81E-04	8.05E-03	3.02E-02
1.31E-02	9.20E-04	7.14E-03	3.01E-02
1.57E-02	1.12E-03	6.38E-03	3.12E-02
1.97E-02	1.46E-03	5.73E-03	3.41E-02
1.39E-02	9.97E-04	5.19E-03	2.66E-02
1.53E-02	1.12E-03	4.73E-03	2.71E-02
1.78E-02	1.31E-03	4.32E-03	2.89E-02
1.79E-02	1.30E-03	3.95E-03	2.82E-02
1.48E-02	1.05E-03	3.63E-03	2.41E-02
1.27E-02	8.81E-04	3.36E-03	2.12E-02
1.11E-02	7.59E-04	3.12E-03	1.90E-02
9.86E-03	6.64E-04	2.90E-03	1.71E-02
8.82E-03	5.89E-04	2.71E-03	1.56E-02
7.98E-03	5.29E-04	2.53E-03	1.43E-02
7.31E-03	4.81E-04	2.37E-03	1.32E-02
6.74E-03	4.42E-04	2.22E-03	1.23E-02
6.23E-03	4.09E-04	2.09E-03	1.14E-02
5.78E-03	3.80E-04	1.97E-03	1.07E-02
5.37E-03	3.54E-04	1.87E-03	9.99E-03
5.00E-03	3.30E-04	1.76E-03	9.37E-03
4.67E-03	3.08E-04	1.67E-03	8.80E-03
4.37E-03	2.89E-04	1.59E-03	8.29E-03
4.10E-03	2.71E-04	1.51E-03	7.82E-03
3.86E-03	2.55E-04	1.43E-03	7.39E-03
3.63E-03	2.40E-04	1.37E-03	7.00E-03
3.43E-03	2.27E-04	1.30E-03	6.64E-03



3.24E-03	2.14E-04	1.24E-03	6.31E-03
3.07E-03	2.03E-04	1.19E-03	6.00E-03
2.92E-03	1.93E-04	1.14E-03	5.72E-03
4.99E-03	3.36E-04	7.99E-04	7.15E-03
6.01E-03	4.08E-04	8.46E-04	8.35E-03
7.41E-03	5.07E-04	8.98E-04	9.96E-03
9.38E-03	6.52E-04	9.54E-04	1.22E-02
1.25E-02	8.93E-04	1.02E-03	1.57E-02
1.20E-02	8.52E-04	1.08E-03	1.53E-02
1.66E-02	1.23E-03	1.16E-03	2.04E-02
1.56E-02	1.15E-03	1.24E-03	1.95E-02
1.88E-02	1.39E-03	1.34E-03	2.32E-02
1.62E-02	1.17E-03	1.44E-03	2.05E-02
2.09E-02	1.54E-03	1.56E-03	2.59E-02
1.68E-02	1.20E-03	1.70E-03	2.17E-02
1.40E-02	9.85E-04	1.85E-03	1.91E-02
1.21E-02	8.33E-04	2.02E-03	1.73E-02
1.06E-02	7.24E-04	2.22E-03	1.62E-02
9.51E-03	6.43E-04	2.46E-03	1.54E-02
8.64E-03	5.80E-04	2.73E-03	1.51E-02
7.93E-03	5.30E-04	3.05E-03	1.49E-02
7.35E-03	4.89E-04	3.44E-03	1.50E-02
6.86E-03	4.55E-04	3.90E-03	1.54E-02
6.45E-03	4.27E-04	4.46E-03	1.60E-02
6.10E-03	4.03E-04	5.15E-03	1.68E-02
5.81E-03	3.83E-04	6.01E-03	1.80E-02
5.56E-03	3.67E-04	7.12E-03	1.96E-02
5.35E-03	3.52E-04	8.57E-03	2.18E-02
5.17E-03	3.41E-04	1.05E-02	2.46E-02
5.03E-03	3.31E-04	1.31E-02	2.85E-02
4.92E-03	3.24E-04	1.67E-02	3.36E-02
4.83E-03	3.18E-04	2.21E-02	4.09E-02
4.77E-03	3.14E-04	3.03E-02	5.16E-02
4.73E-03	3.11E-04	4.31E-02	6.72E-02
4.72E-03	3.10E-04	6.24E-02	8.96E-02
4.73E-03	3.11E-04	8.33E-02	1.13E-01
4.77E-03	3.14E-04	6.06E-02	9.27E-02
4.84E-03	3.18E-04	2.03E-02	5.27E-02
5.85E-03	3.87E-04	1.62E-02	4.73E-02
6.17E-03	4.09E-04	1.42E-02	4.14E-02
6.55E-03	4.35E-04	1.24E-02	3.64E-02
7.00E-03	4.67E-04	1.09E-02	3.26E-02
7.54E-03	5.05E-04	9.57E-03	2.98E-02
8.20E-03	5.52E-04	8.49E-03	2.77E-02
8.98E-03	6.08E-04	7.54E-03	2.63E-02
9.97E-03	6.79E-04	6.74E-03	2.55E-02
1.12E-02	7.73E-04	6.05E-03	2.54E-02
1.30E-02	9.05E-04	5.47E-03	2.60E-02
1.54E-02	1.10E-03	4.97E-03	2.75E-02
1.91E-02	1.41E-03	4.53E-03	3.05E-02
1.40E-02	1.01E-03	4.14E-03	2.43E-02
1.43E-02	1.03E-03	3.82E-03	2.38E-02
1.44E-02	1.04E-03	3.52E-03	2.33E-02
1.89E-02	1.38E-03	3.26E-03	2.75E-02
1.54E-02	1.09E-03	3.02E-03	2.33E-02

1.31E-02	9.06E-04	2.81E-03	2.03E-02
1.13E-02	7.72E-04	2.63E-03	1.80E-02
9.94E-03	6.69E-04	2.46E-03	1.62E-02
8.89E-03	5.92E-04	2.31E-03	1.47E-02
8.05E-03	5.32E-04	2.17E-03	1.35E-02
7.34E-03	4.84E-04	2.04E-03	1.24E-02
6.71E-03	4.43E-04	1.93E-03	1.15E-02
6.16E-03	4.06E-04	1.82E-03	1.07E-02
5.67E-03	3.74E-04	1.72E-03	9.95E-03
5.23E-03	3.46E-04	1.63E-03	9.29E-03
4.85E-03	3.21E-04	1.55E-03	8.69E-03
4.51E-03	2.98E-04	1.48E-03	8.16E-03
4.20E-03	2.78E-04	1.40E-03	7.68E-03
3.93E-03	2.60E-04	1.34E-03	7.24E-03
3.69E-03	2.44E-04	1.28E-03	6.84E-03
3.47E-03	2.30E-04	1.22E-03	6.48E-03
3.28E-03	2.17E-04	1.17E-03	6.15E-03
3.10E-03	2.05E-04	1.12E-03	5.85E-03
2.93E-03	1.94E-04	1.07E-03	5.57E-03
5.84E-03	3.96E-04	8.54E-04	8.18E-03
7.23E-03	4.95E-04	9.07E-04	9.78E-03
9.20E-03	6.39E-04	9.64E-04	1.20E-02
1.22E-02	8.67E-04	1.02E-03	1.54E-02
1.45E-02	1.05E-03	1.09E-03	1.81E-02
1.55E-02	1.12E-03	1.17E-03	1.92E-02
1.86E-02	1.37E-03	1.25E-03	2.28E-02
2.63E-02	1.99E-03	1.35E-03	3.13E-02
1.81E-02	1.32E-03	1.45E-03	2.26E-02
1.70E-02	1.24E-03	1.57E-03	2.17E-02
1.70E-02	1.25E-03	1.70E-03	2.20E-02
2.14E-02	1.59E-03	1.85E-03	2.70E-02
1.70E-02	1.22E-03	2.02E-03	2.26E-02
1.42E-02	1.00E-03	2.22E-03	2.00E-02
1.22E-02	8.46E-04	2.45E-03	1.83E-02
1.08E-02	7.36E-04	2.71E-03	1.72E-02
9.64E-03	6.52E-04	3.02E-03	1.66E-02
8.76E-03	5.88E-04	3.38E-03	1.63E-02
8.04E-03	5.37E-04	3.82E-03	1.63E-02
7.45E-03	4.96E-04	4.35E-03	1.66E-02
6.96E-03	4.61E-04	4.99E-03	1.72E-02
6.55E-03	4.33E-04	5.77E-03	1.81E-02
6.20E-03	4.09E-04	6.76E-03	1.94E-02
5.91E-03	3.90E-04	8.01E-03	2.11E-02
5.66E-03	3.73E-04	9.64E-03	2.34E-02
5.45E-03	3.59E-04	1.18E-02	2.64E-02
5.28E-03	3.48E-04	1.47E-02	3.03E-02
5.14E-03	3.38E-04	1.85E-02	3.56E-02
5.03E-03	3.31E-04	2.41E-02	4.28E-02
4.95E-03	3.26E-04	3.18E-02	5.26E-02
4.89E-03	3.22E-04	4.22E-02	6.52E-02
4.86E-03	3.20E-04	5.36E-02	7.89E-02
4.86E-03	3.19E-04	5.78E-02	8.56E-02
4.87E-03	3.20E-04	4.39E-02	7.37E-02
4.92E-03	3.23E-04	2.54E-02	5.65E-02
4.98E-03	3.27E-04	1.56E-02	4.66E-02

5.51E-03	3.63E-04	1.15E-02	3.79E-02
5.74E-03	3.79E-04	1.08E-02	3.45E-02
6.01E-03	3.97E-04	9.92E-03	3.12E-02
6.33E-03	4.19E-04	9.06E-03	2.84E-02
6.69E-03	4.45E-04	8.20E-03	2.61E-02
7.13E-03	4.75E-04	7.41E-03	2.44E-02
7.66E-03	5.13E-04	6.73E-03	2.32E-02
8.29E-03	5.57E-04	6.11E-03	2.23E-02
9.05E-03	6.12E-04	5.55E-03	2.18E-02
1.00E-02	6.81E-04	5.06E-03	2.17E-02
1.13E-02	7.73E-04	4.63E-03	2.21E-02
1.29E-02	8.98E-04	4.25E-03	2.31E-02
1.52E-02	1.08E-03	3.91E-03	2.48E-02
1.85E-02	1.35E-03	3.60E-03	2.78E-02
1.42E-02	1.02E-03	3.34E-03	2.26E-02
1.18E-02	8.30E-04	3.11E-03	1.95E-02
1.43E-02	1.02E-03	2.90E-03	2.17E-02
1.98E-02	1.45E-03	2.70E-03	2.72E-02
1.60E-02	1.14E-03	2.53E-03	2.28E-02
1.33E-02	9.26E-04	2.37E-03	1.95E-02
1.14E-02	7.79E-04	2.23E-03	1.72E-02
1.00E-02	6.74E-04	2.09E-03	1.54E-02
8.92E-03	5.95E-04	1.97E-03	1.39E-02
7.99E-03	5.31E-04	1.87E-03	1.27E-02
7.19E-03	4.77E-04	1.76E-03	1.16E-02
6.51E-03	4.31E-04	1.67E-03	1.07E-02
5.92E-03	3.92E-04	1.59E-03	9.89E-03
5.41E-03	3.59E-04	1.51E-03	9.18E-03
4.98E-03	3.30E-04	1.44E-03	8.56E-03
4.60E-03	3.05E-04	1.37E-03	8.01E-03
4.27E-03	2.83E-04	1.31E-03	7.52E-03
3.98E-03	2.64E-04	1.25E-03	7.08E-03
3.72E-03	2.47E-04	1.19E-03	6.68E-03
3.49E-03	2.31E-04	1.14E-03	6.31E-03
3.29E-03	2.18E-04	1.09E-03	5.99E-03
3.10E-03	2.05E-04	1.05E-03	5.69E-03
2.93E-03	1.94E-04	1.01E-03	5.42E-03
6.89E-03	4.71E-04	9.11E-04	9.41E-03
8.79E-03	6.09E-04	9.67E-04	1.16E-02
1.16E-02	8.23E-04	1.03E-03	1.47E-02
1.65E-02	1.22E-03	1.10E-03	2.02E-02
1.48E-02	1.08E-03	1.17E-03	1.85E-02
1.73E-02	1.27E-03	1.25E-03	2.13E-02
2.43E-02	1.82E-03	1.35E-03	2.91E-02
2.10E-02	1.53E-03	1.45E-03	2.57E-02
2.10E-02	1.53E-03	1.56E-03	2.59E-02
1.92E-02	1.40E-03	1.69E-03	2.42E-02
1.57E-02	1.14E-03	1.84E-03	2.08E-02
1.50E-02	1.09E-03	2.00E-03	2.04E-02
2.18E-02	1.64E-03	2.19E-03	2.81E-02
1.73E-02	1.25E-03	2.41E-03	2.36E-02
1.44E-02	1.02E-03	2.66E-03	2.09E-02
1.24E-02	8.57E-04	2.95E-03	1.93E-02
1.09E-02	7.43E-04	3.28E-03	1.83E-02
9.74E-03	6.59E-04	3.68E-03	1.78E-02

8.85E-03	5.94E-04	4.16E-03	1.77E-02
8.14E-03	5.43E-04	4.73E-03	1.79E-02
7.54E-03	5.01E-04	5.42E-03	1.84E-02
7.05E-03	4.67E-04	6.27E-03	1.93E-02
6.64E-03	4.39E-04	7.32E-03	2.06E-02
6.29E-03	4.15E-04	8.64E-03	2.22E-02
6.00E-03	3.96E-04	1.03E-02	2.45E-02
5.76E-03	3.79E-04	1.24E-02	2.73E-02
5.55E-03	3.66E-04	1.52E-02	3.10E-02
5.39E-03	3.55E-04	1.88E-02	3.58E-02
5.25E-03	3.46E-04	2.35E-02	4.18E-02
5.15E-03	3.38E-04	2.92E-02	4.91E-02
5.07E-03	3.33E-04	3.54E-02	5.71E-02
5.02E-03	3.30E-04	3.99E-02	6.33E-02
4.99E-03	3.28E-04	3.88E-02	6.40E-02
4.99E-03	3.28E-04	3.10E-02	5.78E-02
5.01E-03	3.29E-04	2.17E-02	4.97E-02
5.05E-03	3.32E-04	1.45E-02	4.30E-02
5.12E-03	3.36E-04	1.07E-02	3.80E-02
5.33E-03	3.50E-04	8.50E-03	3.04E-02
5.48E-03	3.61E-04	8.02E-03	2.82E-02
5.67E-03	3.74E-04	7.60E-03	2.62E-02
5.90E-03	3.90E-04	7.15E-03	2.43E-02
6.17E-03	4.08E-04	6.69E-03	2.28E-02
6.49E-03	4.30E-04	6.22E-03	2.14E-02
6.85E-03	4.56E-04	5.76E-03	2.04E-02
7.29E-03	4.86E-04	5.33E-03	1.97E-02
7.80E-03	5.22E-04	4.92E-03	1.91E-02
8.41E-03	5.65E-04	4.54E-03	1.89E-02
9.18E-03	6.20E-04	4.20E-03	1.89E-02
1.02E-02	6.90E-04	3.90E-03	1.93E-02
1.14E-02	7.79E-04	3.62E-03	2.00E-02
1.29E-02	8.96E-04	3.36E-03	2.11E-02
1.51E-02	1.06E-03	3.13E-03	2.30E-02
1.83E-02	1.33E-03	2.92E-03	2.60E-02
1.44E-02	1.03E-03	2.73E-03	2.14E-02
1.51E-02	1.08E-03	2.56E-03	2.18E-02
1.54E-02	1.11E-03	2.40E-03	2.19E-02
2.07E-02	1.53E-03	2.26E-03	2.73E-02
1.63E-02	1.16E-03	2.13E-03	2.22E-02
1.35E-02	9.36E-04	2.01E-03	1.89E-02
1.14E-02	7.80E-04	1.90E-03	1.64E-02
9.86E-03	6.64E-04	1.79E-03	1.45E-02
8.60E-03	5.75E-04	1.70E-03	1.30E-02
7.58E-03	5.05E-04	1.61E-03	1.17E-02
6.76E-03	4.50E-04	1.54E-03	1.07E-02
6.09E-03	4.05E-04	1.46E-03	9.78E-03
5.53E-03	3.67E-04	1.39E-03	9.03E-03
5.05E-03	3.36E-04	1.33E-03	8.38E-03
4.65E-03	3.09E-04	1.27E-03	7.82E-03
4.30E-03	2.86E-04	1.21E-03	7.33E-03
4.00E-03	2.65E-04	1.16E-03	6.89E-03
3.73E-03	2.47E-04	1.11E-03	6.50E-03
3.49E-03	2.31E-04	1.07E-03	6.14E-03
3.28E-03	2.17E-04	1.02E-03	5.81E-03

3.09E-03	2.05E-04	9.83E-04	5.52E-03
1.09E-02	7.68E-04	1.03E-03	1.39E-02
1.53E-02	1.12E-03	1.09E-03	1.89E-02
1.41E-02	1.02E-03	1.17E-03	1.77E-02
1.65E-02	1.21E-03	1.25E-03	2.04E-02
1.99E-02	1.47E-03	1.34E-03	2.43E-02
1.92E-02	1.39E-03	1.44E-03	2.38E-02
1.73E-02	1.23E-03	1.55E-03	2.19E-02
1.71E-02	1.21E-03	1.67E-03	2.19E-02
1.84E-02	1.33E-03	1.81E-03	2.36E-02
2.19E-02	1.63E-03	1.97E-03	2.77E-02
1.51E-02	1.09E-03	2.14E-03	2.07E-02
1.18E-02	8.32E-04	2.35E-03	1.75E-02
1.80E-02	1.33E-03	2.58E-03	2.47E-02
1.76E-02	1.28E-03	2.85E-03	2.47E-02
1.46E-02	1.03E-03	3.15E-03	2.20E-02
1.25E-02	8.68E-04	3.51E-03	2.04E-02
1.10E-02	7.53E-04	3.94E-03	1.95E-02
9.85E-03	6.68E-04	4.44E-03	1.91E-02
8.95E-03	6.02E-04	5.03E-03	1.92E-02
8.23E-03	5.50E-04	5.75E-03	1.96E-02
7.63E-03	5.07E-04	6.61E-03	2.04E-02
7.14E-03	4.73E-04	7.66E-03	2.15E-02
6.73E-03	4.45E-04	8.95E-03	2.30E-02
6.38E-03	4.21E-04	1.05E-02	2.50E-02
6.10E-03	4.02E-04	1.25E-02	2.76E-02
5.86E-03	3.86E-04	1.49E-02	3.07E-02
5.66E-03	3.72E-04	1.79E-02	3.46E-02
5.49E-03	3.61E-04	2.13E-02	3.90E-02
5.36E-03	3.53E-04	2.49E-02	4.38E-02
5.26E-03	3.46E-04	2.79E-02	4.81E-02
5.19E-03	3.41E-04	2.91E-02	5.06E-02
5.14E-03	3.37E-04	2.71E-02	4.98E-02
5.11E-03	3.36E-04	2.25E-02	4.63E-02
5.11E-03	3.36E-04	1.73E-02	4.18E-02
5.14E-03	3.37E-04	1.26E-02	3.73E-02
5.19E-03	3.41E-04	9.35E-03	3.32E-02
5.26E-03	3.46E-04	7.56E-03	2.92E-02
5.36E-03	3.52E-04	6.69E-03	2.57E-02
5.48E-03	3.61E-04	6.18E-03	2.33E-02
5.65E-03	3.72E-04	5.81E-03	2.15E-02
5.85E-03	3.85E-04	5.48E-03	2.02E-02
6.08E-03	4.01E-04	5.17E-03	1.91E-02
6.36E-03	4.20E-04	4.87E-03	1.83E-02
6.68E-03	4.43E-04	4.57E-03	1.76E-02
7.04E-03	4.68E-04	4.28E-03	1.71E-02
7.48E-03	4.99E-04	4.00E-03	1.68E-02
8.01E-03	5.36E-04	3.75E-03	1.67E-02
8.65E-03	5.82E-04	3.51E-03	1.69E-02
9.44E-03	6.38E-04	3.29E-03	1.72E-02
1.04E-02	7.07E-04	3.08E-03	1.78E-02
1.16E-02	7.95E-04	2.89E-03	1.87E-02
1.32E-02	9.14E-04	2.71E-03	2.00E-02
1.54E-02	1.08E-03	2.55E-03	2.20E-02
1.85E-02	1.33E-03	2.40E-03	2.51E-02

1.86E-02	1.35E-03	2.26E-03	2.49E-02
1.32E-02	9.26E-04	2.14E-03	1.88E-02
1.53E-02	1.10E-03	2.02E-03	2.09E-02
2.13E-02	1.58E-03	1.91E-03	2.71E-02
1.62E-02	1.15E-03	1.81E-03	2.13E-02
1.29E-02	8.90E-04	1.72E-03	1.76E-02
1.06E-02	7.20E-04	1.63E-03	1.49E-02
8.99E-03	6.05E-04	1.55E-03	1.31E-02
7.80E-03	5.22E-04	1.48E-03	1.16E-02
6.88E-03	4.59E-04	1.41E-03	1.05E-02
6.15E-03	4.10E-04	1.34E-03	9.57E-03
5.56E-03	3.70E-04	1.29E-03	8.81E-03
5.06E-03	3.37E-04	1.23E-03	8.16E-03
4.65E-03	3.09E-04	1.18E-03	7.60E-03
4.29E-03	2.85E-04	1.13E-03	7.11E-03
3.98E-03	2.64E-04	1.08E-03	6.68E-03
3.71E-03	2.46E-04	1.04E-03	6.30E-03
3.47E-03	2.30E-04	9.97E-04	5.95E-03
3.26E-03	2.16E-04	9.58E-04	5.64E-03
3.06E-03	2.03E-04	9.22E-04	5.35E-03
1.40E-02	1.02E-03	1.09E-03	1.74E-02
1.28E-02	9.25E-04	1.16E-03	1.63E-02
1.20E-02	8.59E-04	1.24E-03	1.56E-02
2.04E-02	1.53E-03	1.32E-03	2.48E-02
1.86E-02	1.35E-03	1.42E-03	2.30E-02
1.57E-02	1.12E-03	1.52E-03	2.01E-02
1.44E-02	1.01E-03	1.64E-03	1.89E-02
1.42E-02	9.88E-04	1.77E-03	1.89E-02
1.49E-02	1.05E-03	1.92E-03	2.00E-02
1.68E-02	1.20E-03	2.09E-03	2.23E-02
2.01E-02	1.49E-03	2.27E-03	2.63E-02
1.41E-02	1.01E-03	2.49E-03	2.02E-02
1.43E-02	1.03E-03	2.73E-03	2.09E-02
1.74E-02	1.29E-03	3.01E-03	2.47E-02
1.80E-02	1.32E-03	3.33E-03	2.60E-02
1.49E-02	1.06E-03	3.70E-03	2.32E-02
1.27E-02	8.87E-04	4.13E-03	2.16E-02
1.12E-02	7.68E-04	4.64E-03	2.08E-02
1.00E-02	6.80E-04	5.24E-03	2.06E-02
9.07E-03	6.10E-04	5.94E-03	2.07E-02
8.33E-03	5.57E-04	6.78E-03	2.13E-02
7.73E-03	5.14E-04	7.78E-03	2.22E-02
7.23E-03	4.79E-04	8.98E-03	2.35E-02
6.83E-03	4.51E-04	1.04E-02	2.52E-02
6.49E-03	4.27E-04	1.20E-02	2.72E-02
6.20E-03	4.08E-04	1.40E-02	2.98E-02
5.96E-03	3.92E-04	1.62E-02	3.26E-02
5.76E-03	3.79E-04	1.85E-02	3.56E-02
5.60E-03	3.68E-04	2.05E-02	3.85E-02
5.47E-03	3.60E-04	2.17E-02	4.05E-02
5.37E-03	3.53E-04	2.15E-02	4.12E-02
5.30E-03	3.48E-04	1.97E-02	4.02E-02
5.26E-03	3.45E-04	1.69E-02	3.79E-02
5.24E-03	3.44E-04	1.38E-02	3.50E-02
5.25E-03	3.44E-04	1.07E-02	3.18E-02

5.28E-03	3.47E-04	8.22E-03	2.84E-02
5.33E-03	3.50E-04	6.53E-03	2.51E-02
5.41E-03	3.56E-04	5.58E-03	2.24E-02
5.52E-03	3.63E-04	5.05E-03	2.03E-02
5.66E-03	3.72E-04	4.70E-03	1.88E-02
5.83E-03	3.84E-04	4.42E-03	1.77E-02
6.04E-03	3.98E-04	4.17E-03	1.68E-02
6.29E-03	4.16E-04	3.95E-03	1.62E-02
6.58E-03	4.36E-04	3.73E-03	1.57E-02
6.91E-03	4.59E-04	3.52E-03	1.54E-02
7.31E-03	4.86E-04	3.33E-03	1.52E-02
7.79E-03	5.20E-04	3.14E-03	1.52E-02
8.36E-03	5.60E-04	2.97E-03	1.54E-02
9.06E-03	6.09E-04	2.80E-03	1.58E-02
9.90E-03	6.69E-04	2.64E-03	1.63E-02
1.10E-02	7.44E-04	2.50E-03	1.71E-02
1.23E-02	8.43E-04	2.36E-03	1.83E-02
1.41E-02	9.73E-04	2.23E-03	1.99E-02
1.65E-02	1.16E-03	2.12E-03	2.23E-02
1.99E-02	1.43E-03	2.01E-03	2.57E-02
2.13E-02	1.57E-03	1.90E-03	2.70E-02
1.44E-02	1.02E-03	1.81E-03	1.94E-02
1.93E-02	1.42E-03	1.72E-03	2.45E-02
1.79E-02	1.29E-03	1.63E-03	2.28E-02
1.34E-02	9.32E-04	1.56E-03	1.78E-02
1.08E-02	7.34E-04	1.48E-03	1.48E-02
9.03E-03	6.09E-04	1.42E-03	1.28E-02
7.78E-03	5.22E-04	1.35E-03	1.13E-02
6.84E-03	4.58E-04	1.29E-03	1.02E-02
6.10E-03	4.07E-04	1.24E-03	9.28E-03
5.51E-03	3.67E-04	1.19E-03	8.53E-03
5.01E-03	3.34E-04	1.14E-03	7.89E-03
4.60E-03	3.05E-04	1.09E-03	7.35E-03
4.24E-03	2.82E-04	1.05E-03	6.87E-03
3.93E-03	2.61E-04	1.01E-03	6.46E-03
3.67E-03	2.43E-04	9.68E-04	6.09E-03
3.43E-03	2.27E-04	9.32E-04	5.76E-03
3.22E-03	2.13E-04	8.97E-04	5.45E-03
3.03E-03	2.00E-04	8.64E-04	5.18E-03
1.51E-02	1.12E-03	1.14E-03	1.87E-02
1.44E-02	1.06E-03	1.22E-03	1.81E-02
1.92E-02	1.45E-03	1.30E-03	2.35E-02
1.83E-02	1.35E-03	1.39E-03	2.27E-02
1.49E-02	1.06E-03	1.49E-03	1.91E-02
1.30E-02	9.06E-04	1.60E-03	1.73E-02
1.21E-02	8.34E-04	1.72E-03	1.66E-02
1.19E-02	8.22E-04	1.86E-03	1.66E-02
1.24E-02	8.59E-04	2.02E-03	1.75E-02
1.35E-02	9.48E-04	2.19E-03	1.90E-02
1.55E-02	1.11E-03	2.38E-03	2.15E-02
1.88E-02	1.39E-03	2.60E-03	2.55E-02
1.40E-02	1.02E-03	2.85E-03	2.08E-02
1.12E-02	7.89E-04	3.13E-03	1.82E-02
1.35E-02	9.68E-04	3.46E-03	2.12E-02
1.86E-02	1.37E-03	3.83E-03	2.74E-02

1.52E-02	1.09E-03	4.26E-03	2.45E-02
1.30E-02	9.10E-04	4.76E-03	2.29E-02
1.14E-02	7.84E-04	5.34E-03	2.22E-02
1.01E-02	6.90E-04	6.01E-03	2.19E-02
9.19E-03	6.19E-04	6.79E-03	2.21E-02
8.45E-03	5.65E-04	7.70E-03	2.28E-02
7.84E-03	5.22E-04	8.76E-03	2.37E-02
7.34E-03	4.86E-04	9.94E-03	2.50E-02
6.93E-03	4.58E-04	1.13E-02	2.66E-02
6.59E-03	4.35E-04	1.28E-02	2.84E-02
6.31E-03	4.15E-04	1.43E-02	3.03E-02
6.07E-03	3.99E-04	1.56E-02	3.22E-02
5.87E-03	3.86E-04	1.66E-02	3.37E-02
5.71E-03	3.76E-04	1.70E-02	3.46E-02
5.59E-03	3.67E-04	1.64E-02	3.45E-02
5.49E-03	3.61E-04	1.50E-02	3.34E-02
5.43E-03	3.57E-04	1.31E-02	3.18E-02
5.39E-03	3.54E-04	1.11E-02	2.97E-02
5.38E-03	3.53E-04	9.05E-03	2.73E-02
5.39E-03	3.54E-04	7.20E-03	2.46E-02
5.43E-03	3.56E-04	5.76E-03	2.20E-02
5.49E-03	3.61E-04	4.83E-03	1.98E-02
5.59E-03	3.67E-04	4.28E-03	1.82E-02
5.71E-03	3.76E-04	3.93E-03	1.69E-02
5.86E-03	3.86E-04	3.69E-03	1.59E-02
6.05E-03	3.99E-04	3.49E-03	1.52E-02
6.29E-03	4.15E-04	3.31E-03	1.47E-02
6.56E-03	4.34E-04	3.14E-03	1.44E-02
6.88E-03	4.56E-04	2.98E-03	1.42E-02
7.26E-03	4.82E-04	2.82E-03	1.41E-02
7.72E-03	5.14E-04	2.68E-03	1.42E-02
8.27E-03	5.53E-04	2.55E-03	1.44E-02
8.95E-03	6.00E-04	2.42E-03	1.48E-02
9.77E-03	6.58E-04	2.30E-03	1.54E-02
1.08E-02	7.32E-04	2.18E-03	1.63E-02
1.22E-02	8.30E-04	2.08E-03	1.75E-02
1.40E-02	9.63E-04	1.97E-03	1.93E-02
1.65E-02	1.16E-03	1.88E-03	2.18E-02
2.06E-02	1.49E-03	1.79E-03	2.60E-02
1.83E-02	1.32E-03	1.70E-03	2.34E-02
1.52E-02	1.08E-03	1.62E-03	1.98E-02
2.00E-02	1.47E-03	1.55E-03	2.49E-02
1.66E-02	1.18E-03	1.48E-03	2.10E-02
1.27E-02	8.80E-04	1.41E-03	1.67E-02
1.03E-02	7.05E-04	1.35E-03	1.41E-02
8.74E-03	5.91E-04	1.29E-03	1.22E-02
7.57E-03	5.08E-04	1.24E-03	1.08E-02
6.68E-03	4.47E-04	1.19E-03	9.77E-03
5.97E-03	3.98E-04	1.14E-03	8.91E-03
5.39E-03	3.59E-04	1.09E-03	8.20E-03
4.91E-03	3.27E-04	1.05E-03	7.60E-03
4.51E-03	3.00E-04	1.01E-03	7.08E-03
4.16E-03	2.76E-04	9.74E-04	6.63E-03
3.86E-03	2.56E-04	9.37E-04	6.23E-03
3.60E-03	2.38E-04	9.03E-04	5.87E-03



3.37E-03	2.23E-04	8.70E-04	5.55E-03
3.16E-03	2.09E-04	8.40E-04	5.26E-03
9.42E-03	6.72E-04	1.19E-03	1.27E-02
1.37E-02	1.01E-03	1.27E-03	1.74E-02
1.79E-02	1.33E-03	1.36E-03	2.21E-02
1.41E-02	1.01E-03	1.45E-03	1.82E-02
1.20E-02	8.39E-04	1.56E-03	1.61E-02
1.08E-02	7.44E-04	1.67E-03	1.51E-02
1.02E-02	7.01E-04	1.80E-03	1.47E-02
1.01E-02	6.94E-04	1.94E-03	1.49E-02
1.05E-02	7.19E-04	2.10E-03	1.55E-02
1.13E-02	7.80E-04	2.28E-03	1.67E-02
1.26E-02	8.80E-04	2.47E-03	1.85E-02
1.46E-02	1.04E-03	2.70E-03	2.11E-02
1.78E-02	1.31E-03	2.95E-03	2.50E-02
1.31E-02	9.43E-04	3.23E-03	2.05E-02
1.39E-02	1.01E-03	3.55E-03	2.18E-02
1.46E-02	1.07E-03	3.91E-03	2.32E-02
1.92E-02	1.42E-03	4.33E-03	2.89E-02
1.56E-02	1.12E-03	4.81E-03	2.58E-02
1.33E-02	9.34E-04	5.35E-03	2.42E-02
1.16E-02	8.01E-04	5.97E-03	2.34E-02
1.03E-02	7.03E-04	6.67E-03	2.31E-02
9.34E-03	6.29E-04	7.46E-03	2.33E-02
8.58E-03	5.74E-04	8.35E-03	2.39E-02
7.96E-03	5.30E-04	9.33E-03	2.47E-02
7.46E-03	4.94E-04	1.04E-02	2.58E-02
7.05E-03	4.66E-04	1.14E-02	2.69E-02
6.71E-03	4.42E-04	1.24E-02	2.81E-02
6.42E-03	4.23E-04	1.31E-02	2.91E-02
6.18E-03	4.07E-04	1.36E-02	2.98E-02
5.99E-03	3.94E-04	1.35E-02	3.00E-02
5.83E-03	3.83E-04	1.28E-02	2.96E-02
5.71E-03	3.75E-04	1.17E-02	2.86E-02
5.62E-03	3.69E-04	1.04E-02	2.73E-02
5.56E-03	3.65E-04	9.07E-03	2.57E-02
5.53E-03	3.63E-04	7.65E-03	2.38E-02
5.52E-03	3.63E-04	6.28E-03	2.17E-02
5.55E-03	3.64E-04	5.12E-03	1.97E-02
5.60E-03	3.68E-04	4.28E-03	1.80E-02
5.68E-03	3.73E-04	3.73E-03	1.66E-02
5.79E-03	3.81E-04	3.39E-03	1.55E-02
5.94E-03	3.91E-04	3.15E-03	1.47E-02
6.11E-03	4.03E-04	2.97E-03	1.41E-02
6.34E-03	4.19E-04	2.83E-03	1.37E-02
6.61E-03	4.38E-04	2.69E-03	1.35E-02
6.94E-03	4.60E-04	2.57E-03	1.34E-02
7.32E-03	4.86E-04	2.44E-03	1.34E-02
7.79E-03	5.19E-04	2.33E-03	1.35E-02
8.37E-03	5.59E-04	2.22E-03	1.38E-02
9.09E-03	6.09E-04	2.12E-03	1.43E-02
9.99E-03	6.72E-04	2.02E-03	1.51E-02
1.12E-02	7.56E-04	1.93E-03	1.61E-02
1.28E-02	8.72E-04	1.84E-03	1.76E-02
1.51E-02	1.05E-03	1.76E-03	1.99E-02

1.87E-02	1.34E-03	1.68E-03	2.38E-02
1.75E-02	1.25E-03	1.60E-03	2.23E-02
1.89E-02	1.36E-03	1.53E-03	2.36E-02
2.17E-02	1.60E-03	1.46E-03	2.66E-02
1.92E-02	1.38E-03	1.40E-03	2.37E-02
1.46E-02	1.02E-03	1.34E-03	1.85E-02
1.16E-02	8.00E-04	1.29E-03	1.53E-02
9.70E-03	6.59E-04	1.24E-03	1.31E-02
8.31E-03	5.61E-04	1.19E-03	1.15E-02
7.26E-03	4.87E-04	1.14E-03	1.03E-02
6.43E-03	4.31E-04	1.09E-03	9.31E-03
5.78E-03	3.86E-04	1.05E-03	8.51E-03
5.23E-03	3.49E-04	1.01E-03	7.85E-03
4.78E-03	3.18E-04	9.75E-04	7.28E-03
4.40E-03	2.92E-04	9.40E-04	6.80E-03
4.07E-03	2.70E-04	9.06E-04	6.37E-03
3.78E-03	2.50E-04	8.74E-04	5.99E-03
3.52E-03	2.33E-04	8.44E-04	5.65E-03
3.30E-03	2.18E-04	8.14E-04	5.35E-03
3.09E-03	2.04E-04	7.87E-04	5.07E-03
1.68E-02	1.26E-03	1.33E-03	2.09E-02
1.31E-02	9.39E-04	1.41E-03	1.70E-02
1.10E-02	7.70E-04	1.51E-03	1.50E-02
9.72E-03	6.70E-04	1.62E-03	1.38E-02
9.04E-03	6.17E-04	1.73E-03	1.33E-02
8.73E-03	5.94E-04	1.86E-03	1.32E-02
8.74E-03	5.93E-04	2.01E-03	1.35E-02
9.06E-03	6.16E-04	2.17E-03	1.41E-02
9.65E-03	6.59E-04	2.35E-03	1.51E-02
1.05E-02	7.26E-04	2.54E-03	1.64E-02
1.19E-02	8.29E-04	2.76E-03	1.83E-02
1.39E-02	9.84E-04	3.01E-03	2.08E-02
1.69E-02	1.23E-03	3.29E-03	2.46E-02
1.65E-02	1.21E-03	3.60E-03	2.47E-02
1.37E-02	9.97E-04	3.95E-03	2.23E-02
1.35E-02	9.72E-04	4.34E-03	2.27E-02
1.99E-02	1.49E-03	4.78E-03	3.04E-02
1.61E-02	1.16E-03	5.28E-03	2.71E-02
1.36E-02	9.59E-04	5.83E-03	2.53E-02
1.18E-02	8.17E-04	6.44E-03	2.43E-02
1.05E-02	7.15E-04	7.11E-03	2.40E-02
9.50E-03	6.41E-04	7.84E-03	2.41E-02
8.73E-03	5.85E-04	8.60E-03	2.44E-02
8.10E-03	5.39E-04	9.36E-03	2.50E-02
7.59E-03	5.03E-04	1.01E-02	2.56E-02
7.18E-03	4.74E-04	1.07E-02	2.62E-02
6.83E-03	4.51E-04	1.10E-02	2.66E-02
6.54E-03	4.31E-04	1.11E-02	2.68E-02
6.31E-03	4.15E-04	1.08E-02	2.65E-02
6.12E-03	4.02E-04	1.03E-02	2.59E-02
5.96E-03	3.92E-04	9.44E-03	2.50E-02
5.85E-03	3.84E-04	8.52E-03	2.39E-02
5.76E-03	3.79E-04	7.55E-03	2.26E-02
5.71E-03	3.75E-04	6.52E-03	2.11E-02
5.69E-03	3.74E-04	5.49E-03	1.95E-02

5.70E-03	3.74E-04	4.57E-03	1.79E-02
5.74E-03	3.77E-04	3.85E-03	1.65E-02
5.81E-03	3.82E-04	3.32E-03	1.54E-02
5.91E-03	3.89E-04	2.98E-03	1.45E-02
6.05E-03	3.99E-04	2.75E-03	1.38E-02
6.23E-03	4.11E-04	2.58E-03	1.34E-02
6.46E-03	4.27E-04	2.45E-03	1.30E-02
6.74E-03	4.46E-04	2.34E-03	1.29E-02
7.08E-03	4.70E-04	2.24E-03	1.28E-02
7.50E-03	4.98E-04	2.14E-03	1.29E-02
8.01E-03	5.34E-04	2.05E-03	1.32E-02
8.66E-03	5.79E-04	1.96E-03	1.36E-02
9.48E-03	6.36E-04	1.88E-03	1.42E-02
1.06E-02	7.12E-04	1.80E-03	1.52E-02
1.21E-02	8.20E-04	1.72E-03	1.66E-02
1.42E-02	9.80E-04	1.65E-03	1.88E-02
1.76E-02	1.25E-03	1.58E-03	2.23E-02
1.63E-02	1.15E-03	1.51E-03	2.07E-02
1.51E-02	1.06E-03	1.45E-03	1.93E-02
2.33E-02	1.73E-03	1.39E-03	2.81E-02
2.07E-02	1.50E-03	1.33E-03	2.52E-02
1.60E-02	1.12E-03	1.28E-03	1.99E-02
1.28E-02	8.84E-04	1.22E-03	1.64E-02
1.06E-02	7.23E-04	1.18E-03	1.39E-02
9.02E-03	6.11E-04	1.13E-03	1.22E-02
7.83E-03	5.28E-04	1.09E-03	1.08E-02
6.91E-03	4.64E-04	1.05E-03	9.71E-03
6.16E-03	4.12E-04	1.01E-03	8.83E-03
5.56E-03	3.71E-04	9.74E-04	8.11E-03
5.05E-03	3.37E-04	9.39E-04	7.49E-03
4.63E-03	3.08E-04	9.06E-04	6.97E-03
4.27E-03	2.83E-04	8.74E-04	6.51E-03
3.95E-03	2.62E-04	8.45E-04	6.11E-03
3.68E-03	2.43E-04	8.17E-04	5.76E-03
3.43E-03	2.27E-04	7.90E-04	5.44E-03
3.21E-03	2.12E-04	7.63E-04	5.15E-03
3.02E-03	1.99E-04	7.39E-04	4.88E-03
1.13E-02	8.08E-04	1.37E-03	1.50E-02
9.68E-03	6.77E-04	1.46E-03	1.34E-02
8.64E-03	5.95E-04	1.56E-03	1.25E-02
8.00E-03	5.45E-04	1.67E-03	1.20E-02
7.66E-03	5.19E-04	1.79E-03	1.19E-02
7.53E-03	5.09E-04	1.92E-03	1.20E-02
7.62E-03	5.14E-04	2.06E-03	1.24E-02
7.92E-03	5.35E-04	2.22E-03	1.30E-02
8.37E-03	5.67E-04	2.40E-03	1.38E-02
9.04E-03	6.16E-04	2.59E-03	1.48E-02
1.00E-02	6.88E-04	2.81E-03	1.63E-02
1.14E-02	7.90E-04	3.05E-03	1.82E-02
1.33E-02	9.42E-04	3.31E-03	2.07E-02
1.62E-02	1.18E-03	3.61E-03	2.43E-02
1.25E-02	8.93E-04	3.93E-03	2.09E-02
1.37E-02	9.96E-04	4.30E-03	2.29E-02
1.50E-02	1.11E-03	4.70E-03	2.50E-02
2.07E-02	1.56E-03	5.14E-03	3.18E-02

1.65E-02	1.20E-03	5.62E-03	2.81E-02
1.39E-02	9.85E-04	6.14E-03	2.61E-02
1.21E-02	8.37E-04	6.69E-03	2.50E-02
1.08E-02	7.38E-04	7.28E-03	2.46E-02
9.70E-03	6.57E-04	7.84E-03	2.43E-02
8.89E-03	5.96E-04	8.38E-03	2.44E-02
8.25E-03	5.50E-04	8.83E-03	2.45E-02
7.74E-03	5.13E-04	9.17E-03	2.46E-02
7.31E-03	4.84E-04	9.32E-03	2.46E-02
6.96E-03	4.59E-04	9.23E-03	2.44E-02
6.68E-03	4.40E-04	8.90E-03	2.39E-02
6.44E-03	4.24E-04	8.39E-03	2.32E-02
6.25E-03	4.11E-04	7.77E-03	2.24E-02
6.11E-03	4.01E-04	7.10E-03	2.14E-02
6.00E-03	3.94E-04	6.37E-03	2.03E-02
5.92E-03	3.89E-04	5.60E-03	1.91E-02
5.88E-03	3.87E-04	4.83E-03	1.78E-02
5.88E-03	3.86E-04	4.10E-03	1.66E-02
5.90E-03	3.88E-04	3.48E-03	1.55E-02
5.97E-03	3.92E-04	3.00E-03	1.45E-02
6.07E-03	3.99E-04	2.66E-03	1.37E-02
6.21E-03	4.09E-04	2.43E-03	1.32E-02
6.40E-03	4.22E-04	2.28E-03	1.28E-02
6.63E-03	4.39E-04	2.15E-03	1.26E-02
6.94E-03	4.60E-04	2.06E-03	1.25E-02
7.31E-03	4.86E-04	1.98E-03	1.25E-02
7.78E-03	5.18E-04	1.90E-03	1.27E-02
8.39E-03	5.60E-04	1.82E-03	1.31E-02
9.16E-03	6.13E-04	1.75E-03	1.37E-02
1.02E-02	6.84E-04	1.68E-03	1.46E-02
1.16E-02	7.85E-04	1.61E-03	1.59E-02
1.36E-02	9.36E-04	1.55E-03	1.79E-02
1.69E-02	1.19E-03	1.49E-03	2.13E-02
1.89E-02	1.37E-03	1.42E-03	2.34E-02
1.83E-02	1.32E-03	1.37E-03	2.26E-02
1.90E-02	1.37E-03	1.31E-03	2.32E-02
2.17E-02	1.58E-03	1.26E-03	2.61E-02
1.69E-02	1.19E-03	1.21E-03	2.08E-02
1.37E-02	9.51E-04	1.17E-03	1.73E-02
1.14E-02	7.80E-04	1.12E-03	1.47E-02
9.67E-03	6.56E-04	1.08E-03	1.27E-02
8.36E-03	5.64E-04	1.04E-03	1.12E-02
7.35E-03	4.94E-04	1.01E-03	1.01E-02
6.54E-03	4.39E-04	9.72E-04	9.15E-03
5.88E-03	3.93E-04	9.37E-04	8.37E-03
5.33E-03	3.55E-04	9.04E-04	7.71E-03
4.86E-03	3.24E-04	8.74E-04	7.15E-03
4.47E-03	2.97E-04	8.44E-04	6.66E-03
4.13E-03	2.74E-04	8.16E-04	6.24E-03
3.83E-03	2.54E-04	7.90E-04	5.86E-03
3.57E-03	2.36E-04	7.65E-04	5.53E-03
3.33E-03	2.20E-04	7.40E-04	5.22E-03
3.13E-03	2.06E-04	7.17E-04	4.95E-03
8.08E-03	5.62E-04	1.41E-03	1.16E-02
7.46E-03	5.12E-04	1.50E-03	1.11E-02

7.01E-03	4.77E-04	1.60E-03	1.08E-02
6.74E-03	4.56E-04	1.71E-03	1.07E-02
6.60E-03	4.45E-04	1.83E-03	1.08E-02
6.60E-03	4.44E-04	1.96E-03	1.11E-02
6.73E-03	4.52E-04	2.10E-03	1.15E-02
6.98E-03	4.69E-04	2.26E-03	1.20E-02
7.36E-03	4.96E-04	2.43E-03	1.27E-02
7.91E-03	5.35E-04	2.62E-03	1.37E-02
8.65E-03	5.88E-04	2.83E-03	1.48E-02
9.64E-03	6.60E-04	3.05E-03	1.63E-02
1.10E-02	7.64E-04	3.31E-03	1.82E-02
1.29E-02	9.08E-04	3.58E-03	2.07E-02
1.56E-02	1.13E-03	3.88E-03	2.41E-02
1.54E-02	1.13E-03	4.21E-03	2.46E-02
1.33E-02	9.65E-04	4.56E-03	2.29E-02
1.35E-02	9.78E-04	4.95E-03	2.37E-02
1.65E-02	1.21E-03	5.36E-03	2.76E-02
1.72E-02	1.25E-03	5.79E-03	2.90E-02
1.44E-02	1.02E-03	6.24E-03	2.68E-02
1.24E-02	8.66E-04	6.68E-03	2.54E-02
1.10E-02	7.53E-04	7.09E-03	2.46E-02
9.90E-03	6.70E-04	7.45E-03	2.40E-02
9.07E-03	6.09E-04	7.73E-03	2.37E-02
8.42E-03	5.62E-04	7.90E-03	2.34E-02
7.89E-03	5.24E-04	7.91E-03	2.31E-02
7.46E-03	4.93E-04	7.74E-03	2.26E-02
7.11E-03	4.69E-04	7.42E-03	2.20E-02
6.82E-03	4.49E-04	7.00E-03	2.12E-02
6.59E-03	4.34E-04	6.52E-03	2.04E-02
6.41E-03	4.21E-04	5.99E-03	1.96E-02
6.27E-03	4.12E-04	5.44E-03	1.86E-02
6.17E-03	4.06E-04	4.86E-03	1.76E-02
6.11E-03	4.02E-04	4.26E-03	1.66E-02
6.09E-03	4.00E-04	3.68E-03	1.56E-02
6.11E-03	4.02E-04	3.16E-03	1.46E-02
6.16E-03	4.06E-04	2.74E-03	1.38E-02
6.26E-03	4.13E-04	2.42E-03	1.32E-02
6.41E-03	4.23E-04	2.19E-03	1.27E-02
6.61E-03	4.37E-04	2.03E-03	1.24E-02
6.87E-03	4.55E-04	1.91E-03	1.22E-02
7.21E-03	4.78E-04	1.83E-03	1.22E-02
7.65E-03	5.09E-04	1.75E-03	1.24E-02
8.20E-03	5.47E-04	1.69E-03	1.27E-02
8.94E-03	5.98E-04	1.63E-03	1.33E-02
9.90E-03	6.65E-04	1.57E-03	1.41E-02
1.12E-02	7.60E-04	1.51E-03	1.54E-02
1.32E-02	9.03E-04	1.45E-03	1.73E-02
1.62E-02	1.14E-03	1.40E-03	2.04E-02
1.53E-02	1.08E-03	1.35E-03	1.93E-02
1.84E-02	1.33E-03	1.30E-03	2.26E-02
1.87E-02	1.35E-03	1.25E-03	2.28E-02
2.26E-02	1.65E-03	1.20E-03	2.69E-02
1.76E-02	1.24E-03	1.16E-03	2.14E-02
1.44E-02	9.96E-04	1.12E-03	1.78E-02
1.21E-02	8.26E-04	1.08E-03	1.53E-02

1.03E-02	6.97E-04	1.04E-03	1.32E-02
8.85E-03	5.99E-04	1.00E-03	1.17E-02
7.76E-03	5.23E-04	9.67E-04	1.04E-02
6.89E-03	4.62E-04	9.33E-04	9.43E-03
6.18E-03	4.14E-04	9.02E-04	8.61E-03
5.59E-03	3.74E-04	8.72E-04	7.92E-03
5.09E-03	3.40E-04	8.43E-04	7.32E-03
4.67E-03	3.11E-04	8.15E-04	6.81E-03
4.30E-03	2.86E-04	7.89E-04	6.36E-03
3.98E-03	2.64E-04	7.64E-04	5.97E-03
3.70E-03	2.45E-04	7.40E-04	5.62E-03
3.46E-03	2.28E-04	7.17E-04	5.30E-03
3.23E-03	2.13E-04	6.95E-04	5.01E-03
3.03E-03	2.00E-04	6.74E-04	4.75E-03
6.07E-03	4.12E-04	1.54E-03	9.69E-03
5.91E-03	3.99E-04	1.64E-03	9.71E-03
5.82E-03	3.91E-04	1.74E-03	9.81E-03
5.80E-03	3.89E-04	1.86E-03	1.00E-02
5.86E-03	3.93E-04	1.99E-03	1.03E-02
6.01E-03	4.02E-04	2.13E-03	1.07E-02
6.25E-03	4.18E-04	2.28E-03	1.13E-02
6.58E-03	4.42E-04	2.45E-03	1.19E-02
7.03E-03	4.73E-04	2.63E-03	1.27E-02
7.62E-03	5.15E-04	2.82E-03	1.37E-02
8.40E-03	5.70E-04	3.04E-03	1.49E-02
9.39E-03	6.42E-04	3.27E-03	1.64E-02
1.07E-02	7.37E-04	3.52E-03	1.82E-02
1.24E-02	8.70E-04	3.79E-03	2.05E-02
1.49E-02	1.07E-03	4.08E-03	2.38E-02
1.89E-02	1.41E-03	4.40E-03	2.86E-02
1.36E-02	9.86E-04	4.72E-03	2.34E-02
1.07E-02	7.56E-04	5.06E-03	2.09E-02
1.78E-02	1.33E-03	5.41E-03	2.92E-02
1.79E-02	1.31E-03	5.76E-03	2.98E-02
1.48E-02	1.06E-03	6.09E-03	2.71E-02
1.27E-02	8.87E-04	6.38E-03	2.53E-02
1.12E-02	7.70E-04	6.62E-03	2.42E-02
1.01E-02	6.87E-04	6.77E-03	2.34E-02
9.27E-03	6.24E-04	6.83E-03	2.27E-02
8.59E-03	5.74E-04	6.76E-03	2.20E-02
8.05E-03	5.35E-04	6.57E-03	2.13E-02
7.62E-03	5.04E-04	6.28E-03	2.06E-02
7.26E-03	4.80E-04	5.93E-03	1.98E-02
6.98E-03	4.60E-04	5.54E-03	1.90E-02
6.76E-03	4.45E-04	5.13E-03	1.82E-02
6.58E-03	4.33E-04	4.71E-03	1.74E-02
6.45E-03	4.25E-04	4.26E-03	1.65E-02
6.37E-03	4.19E-04	3.79E-03	1.56E-02
6.34E-03	4.17E-04	3.32E-03	1.48E-02
6.35E-03	4.18E-04	2.89E-03	1.40E-02
6.40E-03	4.22E-04	2.51E-03	1.34E-02
6.51E-03	4.29E-04	2.22E-03	1.28E-02
6.67E-03	4.40E-04	2.00E-03	1.25E-02
6.88E-03	4.56E-04	1.83E-03	1.22E-02
7.17E-03	4.76E-04	1.72E-03	1.21E-02

7.57E-03	5.03E-04	1.64E-03	1.22E-02
8.10E-03	5.40E-04	1.57E-03	1.25E-02
8.80E-03	5.88E-04	1.51E-03	1.30E-02
9.71E-03	6.52E-04	1.46E-03	1.38E-02
1.10E-02	7.42E-04	1.41E-03	1.49E-02
1.28E-02	8.77E-04	1.37E-03	1.68E-02
1.57E-02	1.10E-03	1.32E-03	1.97E-02
1.77E-02	1.27E-03	1.27E-03	2.18E-02
1.78E-02	1.28E-03	1.23E-03	2.18E-02
1.90E-02	1.37E-03	1.19E-03	2.30E-02
2.34E-02	1.72E-03	1.15E-03	2.76E-02
1.82E-02	1.29E-03	1.11E-03	2.19E-02
1.49E-02	1.03E-03	1.07E-03	1.82E-02
1.25E-02	8.60E-04	1.03E-03	1.57E-02
1.07E-02	7.29E-04	9.94E-04	1.36E-02
9.29E-03	6.29E-04	9.60E-04	1.20E-02
8.14E-03	5.49E-04	9.29E-04	1.07E-02
7.23E-03	4.85E-04	8.99E-04	9.71E-03
6.46E-03	4.33E-04	8.69E-04	8.83E-03
5.83E-03	3.90E-04	8.41E-04	8.10E-03
5.31E-03	3.54E-04	8.14E-04	7.48E-03
4.86E-03	3.24E-04	7.89E-04	6.95E-03
4.47E-03	2.97E-04	7.64E-04	6.48E-03
4.13E-03	2.74E-04	7.40E-04	6.07E-03
3.83E-03	2.54E-04	7.17E-04	5.70E-03
3.57E-03	2.36E-04	6.96E-04	5.37E-03
3.34E-03	2.20E-04	6.75E-04	5.08E-03
3.13E-03	2.06E-04	6.55E-04	4.81E-03
5.16E-03	3.47E-04	1.56E-03	8.76E-03
5.13E-03	3.44E-04	1.66E-03	8.91E-03
5.14E-03	3.44E-04	1.77E-03	9.12E-03
5.19E-03	3.46E-04	1.88E-03	9.38E-03
5.28E-03	3.52E-04	2.01E-03	9.71E-03
5.43E-03	3.62E-04	2.14E-03	1.01E-02
5.66E-03	3.77E-04	2.29E-03	1.06E-02
5.95E-03	3.98E-04	2.44E-03	1.12E-02
6.34E-03	4.24E-04	2.61E-03	1.20E-02
6.83E-03	4.59E-04	2.80E-03	1.28E-02
7.43E-03	5.01E-04	3.00E-03	1.38E-02
8.16E-03	5.53E-04	3.21E-03	1.50E-02
9.08E-03	6.20E-04	3.44E-03	1.64E-02
1.03E-02	7.13E-04	3.68E-03	1.81E-02
1.21E-02	8.44E-04	3.94E-03	2.04E-02
1.45E-02	1.04E-03	4.20E-03	2.35E-02
1.81E-02	1.35E-03	4.48E-03	2.79E-02
1.30E-02	9.34E-04	4.76E-03	2.28E-02
1.36E-02	9.89E-04	5.03E-03	2.40E-02
1.73E-02	1.29E-03	5.30E-03	2.85E-02
1.85E-02	1.37E-03	5.54E-03	3.02E-02
1.52E-02	1.09E-03	5.73E-03	2.70E-02
1.31E-02	9.13E-04	5.88E-03	2.50E-02
1.15E-02	7.93E-04	5.95E-03	2.35E-02
1.04E-02	7.05E-04	5.93E-03	2.24E-02
9.47E-03	6.38E-04	5.82E-03	2.14E-02
8.78E-03	5.87E-04	5.63E-03	2.05E-02

8.23E-03	5.47E-04	5.38E-03	1.96E-02
7.79E-03	5.16E-04	5.09E-03	1.88E-02
7.44E-03	4.91E-04	4.77E-03	1.80E-02
7.16E-03	4.72E-04	4.45E-03	1.72E-02
6.95E-03	4.57E-04	4.12E-03	1.65E-02
6.79E-03	4.47E-04	3.76E-03	1.57E-02
6.68E-03	4.40E-04	3.38E-03	1.50E-02
6.63E-03	4.37E-04	3.00E-03	1.43E-02
6.63E-03	4.37E-04	2.64E-03	1.36E-02
6.68E-03	4.41E-04	2.32E-03	1.31E-02
6.80E-03	4.49E-04	2.05E-03	1.26E-02
6.97E-03	4.61E-04	1.84E-03	1.23E-02
7.22E-03	4.79E-04	1.68E-03	1.22E-02
7.57E-03	5.03E-04	1.56E-03	1.22E-02
8.05E-03	5.37E-04	1.48E-03	1.24E-02
8.70E-03	5.81E-04	1.42E-03	1.28E-02
9.58E-03	6.43E-04	1.37E-03	1.35E-02
1.08E-02	7.28E-04	1.32E-03	1.46E-02
1.25E-02	8.56E-04	1.28E-03	1.63E-02
1.52E-02	1.06E-03	1.24E-03	1.91E-02
2.00E-02	1.46E-03	1.20E-03	2.42E-02
1.75E-02	1.25E-03	1.16E-03	2.13E-02
1.91E-02	1.38E-03	1.13E-03	2.30E-02
2.43E-02	1.79E-03	1.09E-03	2.85E-02
1.87E-02	1.33E-03	1.06E-03	2.24E-02
1.53E-02	1.06E-03	1.02E-03	1.86E-02
1.29E-02	8.84E-04	9.87E-04	1.59E-02
1.11E-02	7.56E-04	9.56E-04	1.40E-02
9.64E-03	6.53E-04	9.24E-04	1.23E-02
8.47E-03	5.72E-04	8.94E-04	1.10E-02
7.52E-03	5.06E-04	8.66E-04	9.95E-03
6.74E-03	4.52E-04	8.39E-04	9.05E-03
6.06E-03	4.05E-04	8.12E-04	8.27E-03
5.50E-03	3.67E-04	7.87E-04	7.63E-03
5.03E-03	3.35E-04	7.63E-04	7.07E-03
4.62E-03	3.07E-04	7.39E-04	6.59E-03
4.27E-03	2.83E-04	7.17E-04	6.16E-03
3.96E-03	2.62E-04	6.96E-04	5.79E-03
3.68E-03	2.43E-04	6.75E-04	5.44E-03
3.44E-03	2.27E-04	6.55E-04	5.14E-03
3.22E-03	2.12E-04	6.37E-04	4.87E-03
3.02E-03	1.99E-04	6.19E-04	4.62E-03
4.55E-03	3.04E-04	1.68E-03	8.32E-03
4.61E-03	3.07E-04	1.78E-03	8.58E-03
4.70E-03	3.12E-04	1.89E-03	8.87E-03
4.81E-03	3.20E-04	2.01E-03	9.21E-03
4.96E-03	3.30E-04	2.14E-03	9.61E-03
5.17E-03	3.43E-04	2.28E-03	1.01E-02
5.43E-03	3.61E-04	2.43E-03	1.06E-02
5.76E-03	3.84E-04	2.59E-03	1.13E-02
6.17E-03	4.12E-04	2.76E-03	1.20E-02
6.64E-03	4.45E-04	2.94E-03	1.28E-02
7.22E-03	4.86E-04	3.13E-03	1.38E-02
7.95E-03	5.38E-04	3.33E-03	1.49E-02
8.88E-03	6.05E-04	3.54E-03	1.63E-02



1.01E-02	6.96E-04	3.77E-03	1.80E-02
1.17E-02	8.20E-04	3.99E-03	2.02E-02
1.40E-02	9.96E-04	4.22E-03	2.30E-02
1.74E-02	1.28E-03	4.44E-03	2.71E-02
1.69E-02	1.26E-03	4.66E-03	2.69E-02
1.38E-02	1.00E-03	4.85E-03	2.40E-02
1.34E-02	9.65E-04	5.02E-03	2.38E-02
1.92E-02	1.43E-03	5.15E-03	3.04E-02
1.58E-02	1.13E-03	5.22E-03	2.68E-02
1.35E-02	9.46E-04	5.24E-03	2.45E-02
1.18E-02	8.16E-04	5.18E-03	2.27E-02
1.06E-02	7.22E-04	5.06E-03	2.13E-02
9.69E-03	6.53E-04	4.88E-03	2.02E-02
8.98E-03	6.01E-04	4.66E-03	1.91E-02
8.42E-03	5.60E-04	4.41E-03	1.82E-02
7.98E-03	5.29E-04	4.16E-03	1.74E-02
7.64E-03	5.04E-04	3.90E-03	1.66E-02
7.37E-03	4.86E-04	3.63E-03	1.59E-02
7.17E-03	4.72E-04	3.35E-03	1.52E-02
7.04E-03	4.64E-04	3.04E-03	1.45E-02
6.96E-03	4.59E-04	2.73E-03	1.39E-02
6.96E-03	4.59E-04	2.42E-03	1.33E-02
7.02E-03	4.64E-04	2.14E-03	1.29E-02
7.14E-03	4.73E-04	1.90E-03	1.25E-02
7.34E-03	4.87E-04	1.70E-03	1.23E-02
7.65E-03	5.08E-04	1.55E-03	1.22E-02
8.08E-03	5.38E-04	1.44E-03	1.24E-02
8.67E-03	5.79E-04	1.35E-03	1.27E-02
9.49E-03	6.37E-04	1.29E-03	1.34E-02
1.06E-02	7.18E-04	1.24E-03	1.44E-02
1.23E-02	8.39E-04	1.20E-03	1.60E-02
1.49E-02	1.03E-03	1.17E-03	1.86E-02
1.93E-02	1.39E-03	1.13E-03	2.33E-02
1.74E-02	1.24E-03	1.10E-03	2.11E-02
1.88E-02	1.35E-03	1.07E-03	2.26E-02
2.53E-02	1.87E-03	1.04E-03	2.94E-02
1.93E-02	1.37E-03	1.01E-03	2.29E-02
1.57E-02	1.09E-03	9.75E-04	1.89E-02
1.32E-02	9.08E-04	9.46E-04	1.62E-02
1.14E-02	7.75E-04	9.16E-04	1.42E-02
9.94E-03	6.74E-04	8.89E-04	1.26E-02
8.76E-03	5.92E-04	8.61E-04	1.12E-02
7.77E-03	5.23E-04	8.34E-04	1.01E-02
6.96E-03	4.67E-04	8.09E-04	9.22E-03
6.27E-03	4.20E-04	7.85E-04	8.43E-03
5.69E-03	3.80E-04	7.62E-04	7.76E-03
5.19E-03	3.46E-04	7.38E-04	7.19E-03
4.77E-03	3.17E-04	7.17E-04	6.69E-03
4.40E-03	2.92E-04	6.96E-04	6.25E-03
4.07E-03	2.70E-04	6.75E-04	5.86E-03
3.78E-03	2.50E-04	6.56E-04	5.51E-03
3.53E-03	2.33E-04	6.37E-04	5.20E-03
3.30E-03	2.18E-04	6.19E-04	4.91E-03
3.10E-03	2.04E-04	6.03E-04	4.66E-03
4.12E-03	2.73E-04	1.69E-03	7.87E-03

4.20E-03	2.79E-04	1.79E-03	8.14E-03
4.30E-03	2.85E-04	1.89E-03	8.44E-03
4.41E-03	2.92E-04	2.01E-03	8.77E-03
4.57E-03	3.03E-04	2.13E-03	9.17E-03
4.76E-03	3.16E-04	2.26E-03	9.61E-03
4.99E-03	3.31E-04	2.40E-03	1.01E-02
5.28E-03	3.51E-04	2.54E-03	1.07E-02
5.61E-03	3.74E-04	2.70E-03	1.13E-02
6.00E-03	4.01E-04	2.86E-03	1.20E-02
6.47E-03	4.34E-04	3.03E-03	1.28E-02
7.06E-03	4.75E-04	3.21E-03	1.38E-02
7.78E-03	5.26E-04	3.40E-03	1.49E-02
8.70E-03	5.93E-04	3.59E-03	1.62E-02
9.86E-03	6.78E-04	3.77E-03	1.78E-02
1.14E-02	7.92E-04	3.96E-03	1.97E-02
1.36E-02	9.66E-04	4.14E-03	2.25E-02
1.68E-02	1.23E-03	4.30E-03	2.62E-02
1.28E-02	9.17E-04	4.44E-03	2.22E-02
1.38E-02	1.00E-03	4.55E-03	2.35E-02
1.48E-02	1.09E-03	4.63E-03	2.48E-02
2.01E-02	1.50E-03	4.66E-03	3.06E-02
1.63E-02	1.18E-03	4.63E-03	2.66E-02
1.39E-02	9.77E-04	4.56E-03	2.39E-02
1.21E-02	8.38E-04	4.43E-03	2.19E-02
1.09E-02	7.42E-04	4.27E-03	2.03E-02
9.92E-03	6.69E-04	4.07E-03	1.91E-02
9.20E-03	6.15E-04	3.87E-03	1.80E-02
8.64E-03	5.74E-04	3.66E-03	1.71E-02
8.20E-03	5.43E-04	3.45E-03	1.63E-02
7.87E-03	5.20E-04	3.23E-03	1.55E-02
7.62E-03	5.03E-04	3.00E-03	1.48E-02
7.45E-03	4.92E-04	2.75E-03	1.42E-02
7.36E-03	4.86E-04	2.49E-03	1.37E-02
7.34E-03	4.85E-04	2.23E-03	1.32E-02
7.40E-03	4.90E-04	1.99E-03	1.28E-02
7.55E-03	5.00E-04	1.77E-03	1.26E-02
7.80E-03	5.18E-04	1.59E-03	1.24E-02
8.17E-03	5.44E-04	1.44E-03	1.25E-02
8.71E-03	5.82E-04	1.33E-03	1.28E-02
9.47E-03	6.35E-04	1.25E-03	1.33E-02
1.05E-02	7.10E-04	1.18E-03	1.43E-02
1.21E-02	8.24E-04	1.14E-03	1.58E-02
1.45E-02	1.01E-03	1.10E-03	1.82E-02
1.86E-02	1.34E-03	1.07E-03	2.25E-02
1.67E-02	1.19E-03	1.03E-03	2.03E-02
1.52E-02	1.06E-03	1.01E-03	1.86E-02
2.23E-02	1.63E-03	9.82E-04	2.61E-02
1.99E-02	1.42E-03	9.55E-04	2.34E-02
1.61E-02	1.12E-03	9.29E-04	1.93E-02
1.35E-02	9.30E-04	9.04E-04	1.65E-02
1.17E-02	7.94E-04	8.78E-04	1.44E-02
1.02E-02	6.89E-04	8.53E-04	1.27E-02
8.98E-03	6.06E-04	8.28E-04	1.14E-02
7.99E-03	5.38E-04	8.04E-04	1.03E-02
7.15E-03	4.80E-04	7.81E-04	9.34E-03

6.44E-03	4.31E-04	7.58E-04	8.54E-03
5.85E-03	3.90E-04	7.37E-04	7.87E-03
5.34E-03	3.56E-04	7.16E-04	7.28E-03
4.90E-03	3.25E-04	6.96E-04	6.77E-03
4.51E-03	2.99E-04	6.76E-04	6.32E-03
4.18E-03	2.77E-04	6.57E-04	5.92E-03
3.88E-03	2.56E-04	6.38E-04	5.56E-03
3.61E-03	2.38E-04	6.20E-04	5.24E-03
3.37E-03	2.22E-04	6.03E-04	4.95E-03
3.16E-03	2.08E-04	5.86E-04	4.69E-03
2.97E-03	1.95E-04	5.71E-04	4.46E-03
3.87E-03	2.56E-04	1.79E-03	7.77E-03
3.96E-03	2.62E-04	1.89E-03	8.06E-03
4.08E-03	2.70E-04	1.99E-03	8.39E-03
4.23E-03	2.80E-04	2.11E-03	8.76E-03
4.42E-03	2.92E-04	2.23E-03	9.18E-03
4.63E-03	3.06E-04	2.35E-03	9.63E-03
4.87E-03	3.23E-04	2.49E-03	1.01E-02
5.15E-03	3.42E-04	2.63E-03	1.07E-02
5.48E-03	3.65E-04	2.77E-03	1.13E-02
5.88E-03	3.92E-04	2.93E-03	1.20E-02
6.36E-03	4.26E-04	3.08E-03	1.28E-02
6.94E-03	4.67E-04	3.24E-03	1.37E-02
7.65E-03	5.17E-04	3.40E-03	1.48E-02
8.51E-03	5.79E-04	3.55E-03	1.60E-02
9.66E-03	6.63E-04	3.70E-03	1.75E-02
1.12E-02	7.74E-04	3.84E-03	1.93E-02
1.32E-02	9.33E-04	3.96E-03	2.18E-02
1.62E-02	1.18E-03	4.06E-03	2.52E-02
1.60E-02	1.18E-03	4.13E-03	2.52E-02
1.37E-02	9.90E-04	4.17E-03	2.28E-02
1.37E-02	9.88E-04	4.16E-03	2.28E-02
2.10E-02	1.58E-03	4.12E-03	3.07E-02
1.69E-02	1.23E-03	4.03E-03	2.63E-02
1.43E-02	1.01E-03	3.91E-03	2.33E-02
1.25E-02	8.63E-04	3.76E-03	2.11E-02
1.11E-02	7.60E-04	3.59E-03	1.94E-02
1.02E-02	6.86E-04	3.42E-03	1.81E-02
9.44E-03	6.32E-04	3.25E-03	1.71E-02
8.88E-03	5.91E-04	3.07E-03	1.62E-02
8.46E-03	5.61E-04	2.89E-03	1.54E-02
8.15E-03	5.39E-04	2.70E-03	1.47E-02
7.94E-03	5.24E-04	2.49E-03	1.42E-02
7.82E-03	5.17E-04	2.28E-03	1.36E-02
7.79E-03	5.15E-04	2.06E-03	1.32E-02
7.85E-03	5.20E-04	1.85E-03	1.29E-02
8.03E-03	5.33E-04	1.65E-03	1.27E-02
8.34E-03	5.56E-04	1.49E-03	1.27E-02
8.83E-03	5.89E-04	1.35E-03	1.29E-02
9.52E-03	6.38E-04	1.24E-03	1.34E-02
1.05E-02	7.08E-04	1.16E-03	1.42E-02
1.20E-02	8.14E-04	1.10E-03	1.56E-02
1.42E-02	9.83E-04	1.05E-03	1.78E-02
1.80E-02	1.29E-03	1.01E-03	2.18E-02
1.70E-02	1.22E-03	9.77E-04	2.06E-02

1.87E-02	1.34E-03	9.50E-04	2.22E-02
2.22E-02	1.63E-03	9.26E-04	2.60E-02
2.06E-02	1.48E-03	9.04E-04	2.41E-02
1.65E-02	1.15E-03	8.81E-04	1.96E-02
1.38E-02	9.51E-04	8.60E-04	1.67E-02
1.19E-02	8.10E-04	8.38E-04	1.45E-02
1.04E-02	7.04E-04	8.17E-04	1.29E-02
9.15E-03	6.19E-04	7.95E-04	1.15E-02
8.16E-03	5.50E-04	7.74E-04	1.04E-02
7.32E-03	4.92E-04	7.53E-04	9.46E-03
6.61E-03	4.43E-04	7.32E-04	8.66E-03
6.00E-03	4.01E-04	7.12E-04	7.96E-03
5.46E-03	3.64E-04	6.93E-04	7.36E-03
5.01E-03	3.33E-04	6.74E-04	6.83E-03
4.62E-03	3.06E-04	6.56E-04	6.38E-03
4.27E-03	2.82E-04	6.38E-04	5.97E-03
3.96E-03	2.62E-04	6.21E-04	5.61E-03
3.69E-03	2.43E-04	6.04E-04	5.28E-03
3.44E-03	2.26E-04	5.88E-04	4.98E-03
3.22E-03	2.12E-04	5.72E-04	4.72E-03
3.02E-03	1.99E-04	5.57E-04	4.48E-03
3.57E-03	2.36E-04	1.77E-03	7.43E-03
3.68E-03	2.43E-04	1.87E-03	7.73E-03
3.81E-03	2.51E-04	1.97E-03	8.04E-03
3.95E-03	2.60E-04	2.08E-03	8.39E-03
4.12E-03	2.72E-04	2.19E-03	8.78E-03
4.30E-03	2.84E-04	2.30E-03	9.19E-03
4.52E-03	2.99E-04	2.42E-03	9.64E-03
4.77E-03	3.15E-04	2.55E-03	1.01E-02
5.06E-03	3.35E-04	2.68E-03	1.07E-02
5.39E-03	3.58E-04	2.81E-03	1.13E-02
5.80E-03	3.86E-04	2.95E-03	1.20E-02
6.28E-03	4.20E-04	3.08E-03	1.27E-02
6.82E-03	4.58E-04	3.21E-03	1.35E-02
7.53E-03	5.08E-04	3.34E-03	1.45E-02
8.38E-03	5.69E-04	3.45E-03	1.57E-02
9.46E-03	6.48E-04	3.56E-03	1.70E-02
1.09E-02	7.53E-04	3.65E-03	1.87E-02
1.28E-02	9.02E-04	3.71E-03	2.10E-02
1.56E-02	1.13E-03	3.75E-03	2.41E-02
2.00E-02	1.50E-03	3.76E-03	2.89E-02
1.38E-02	1.00E-03	3.73E-03	2.23E-02
1.10E-02	7.77E-04	3.67E-03	1.92E-02
1.76E-02	1.31E-03	3.59E-03	2.62E-02
1.76E-02	1.28E-03	3.47E-03	2.60E-02
1.47E-02	1.04E-03	3.34E-03	2.28E-02
1.28E-02	8.88E-04	3.20E-03	2.05E-02
1.14E-02	7.83E-04	3.05E-03	1.88E-02
1.05E-02	7.08E-04	2.91E-03	1.75E-02
9.72E-03	6.52E-04	2.76E-03	1.64E-02
9.17E-03	6.11E-04	2.61E-03	1.55E-02
8.77E-03	5.83E-04	2.45E-03	1.48E-02
8.50E-03	5.64E-04	2.27E-03	1.42E-02
8.35E-03	5.53E-04	2.09E-03	1.38E-02
8.31E-03	5.50E-04	1.90E-03	1.34E-02

8.39E-03	5.57E-04	1.72E-03	1.31E-02
8.62E-03	5.73E-04	1.55E-03	1.31E-02
9.02E-03	6.01E-04	1.40E-03	1.32E-02
9.63E-03	6.45E-04	1.27E-03	1.36E-02
1.05E-02	7.10E-04	1.17E-03	1.43E-02
1.19E-02	8.08E-04	1.09E-03	1.55E-02
1.40E-02	9.65E-04	1.02E-03	1.76E-02
1.75E-02	1.24E-03	9.72E-04	2.12E-02
1.61E-02	1.14E-03	9.33E-04	1.96E-02
1.94E-02	1.41E-03	9.01E-04	2.30E-02
2.33E-02	1.72E-03	8.76E-04	2.71E-02
2.12E-02	1.53E-03	8.55E-04	2.47E-02
1.69E-02	1.18E-03	8.34E-04	2.00E-02
1.41E-02	9.74E-04	8.15E-04	1.69E-02
1.21E-02	8.26E-04	7.97E-04	1.47E-02
1.06E-02	7.16E-04	7.79E-04	1.30E-02
9.31E-03	6.29E-04	7.60E-04	1.16E-02
8.29E-03	5.58E-04	7.42E-04	1.05E-02
7.47E-03	5.02E-04	7.24E-04	9.55E-03
6.75E-03	4.52E-04	7.06E-04	8.75E-03
6.13E-03	4.10E-04	6.88E-04	8.04E-03
5.59E-03	3.72E-04	6.71E-04	7.43E-03
5.12E-03	3.40E-04	6.53E-04	6.89E-03
4.70E-03	3.12E-04	6.36E-04	6.42E-03
4.35E-03	2.87E-04	6.20E-04	6.01E-03
4.03E-03	2.66E-04	6.04E-04	5.64E-03
3.75E-03	2.47E-04	5.88E-04	5.31E-03
3.50E-03	2.30E-04	5.73E-04	5.01E-03
3.27E-03	2.15E-04	5.58E-04	4.74E-03
3.07E-03	2.01E-04	5.44E-04	4.49E-03
2.89E-03	1.89E-04	5.30E-04	4.27E-03
3.44E-03	2.27E-04	1.85E-03	7.42E-03
3.56E-03	2.35E-04	1.94E-03	7.73E-03
3.70E-03	2.44E-04	2.04E-03	8.06E-03
3.85E-03	2.54E-04	2.14E-03	8.40E-03
4.02E-03	2.65E-04	2.24E-03	8.78E-03
4.21E-03	2.78E-04	2.35E-03	9.19E-03
4.44E-03	2.93E-04	2.46E-03	9.63E-03
4.69E-03	3.10E-04	2.58E-03	1.01E-02
4.99E-03	3.30E-04	2.69E-03	1.06E-02
5.33E-03	3.54E-04	2.81E-03	1.12E-02
5.72E-03	3.81E-04	2.92E-03	1.18E-02
6.18E-03	4.13E-04	3.02E-03	1.25E-02
6.74E-03	4.52E-04	3.13E-03	1.33E-02
7.41E-03	5.00E-04	3.22E-03	1.42E-02
8.23E-03	5.59E-04	3.29E-03	1.53E-02
9.28E-03	6.34E-04	3.35E-03	1.65E-02
1.06E-02	7.34E-04	3.39E-03	1.81E-02
1.25E-02	8.73E-04	3.41E-03	2.01E-02
1.50E-02	1.08E-03	3.40E-03	2.29E-02
1.91E-02	1.42E-03	3.36E-03	2.73E-02
1.34E-02	9.66E-04	3.29E-03	2.11E-02
1.39E-02	1.01E-03	3.21E-03	2.15E-02
1.73E-02	1.28E-03	3.10E-03	2.50E-02
1.82E-02	1.33E-03	2.99E-03	2.58E-02

1.52E-02	1.08E-03	2.86E-03	2.24E-02
1.32E-02	9.20E-04	2.74E-03	2.00E-02
1.18E-02	8.09E-04	2.62E-03	1.83E-02
1.08E-02	7.30E-04	2.49E-03	1.70E-02
1.00E-02	6.75E-04	2.36E-03	1.60E-02
9.53E-03	6.36E-04	2.23E-03	1.52E-02
9.17E-03	6.10E-04	2.08E-03	1.45E-02
8.97E-03	5.96E-04	1.92E-03	1.40E-02
8.92E-03	5.92E-04	1.76E-03	1.37E-02
9.03E-03	6.00E-04	1.60E-03	1.35E-02
9.32E-03	6.21E-04	1.45E-03	1.35E-02
9.84E-03	6.58E-04	1.32E-03	1.38E-02
1.07E-02	7.16E-04	1.20E-03	1.45E-02
1.19E-02	8.06E-04	1.10E-03	1.56E-02
1.38E-02	9.51E-04	1.02E-03	1.74E-02
1.71E-02	1.21E-03	9.58E-04	2.07E-02
1.92E-02	1.39E-03	9.07E-04	2.29E-02
1.85E-02	1.33E-03	8.68E-04	2.20E-02
1.90E-02	1.37E-03	8.36E-04	2.25E-02
2.19E-02	1.59E-03	8.12E-04	2.54E-02
1.74E-02	1.22E-03	7.91E-04	2.05E-02
1.44E-02	9.96E-04	7.72E-04	1.72E-02
1.23E-02	8.43E-04	7.56E-04	1.49E-02
1.07E-02	7.29E-04	7.40E-04	1.31E-02
9.46E-03	6.39E-04	7.24E-04	1.17E-02
8.43E-03	5.68E-04	7.09E-04	1.06E-02
7.56E-03	5.08E-04	6.93E-04	9.58E-03
6.85E-03	4.59E-04	6.77E-04	8.79E-03
6.23E-03	4.17E-04	6.62E-04	8.10E-03
5.69E-03	3.79E-04	6.47E-04	7.49E-03
5.21E-03	3.46E-04	6.32E-04	6.94E-03
4.79E-03	3.17E-04	6.16E-04	6.46E-03
4.42E-03	2.92E-04	6.02E-04	6.04E-03
4.10E-03	2.70E-04	5.87E-04	5.66E-03
3.80E-03	2.50E-04	5.72E-04	5.32E-03
3.55E-03	2.33E-04	5.58E-04	5.02E-03
3.32E-03	2.18E-04	5.44E-04	4.75E-03
3.11E-03	2.04E-04	5.31E-04	4.50E-03
2.92E-03	1.91E-04	5.17E-04	4.27E-03
3.35E-03	2.20E-04	1.90E-03	7.42E-03
3.48E-03	2.29E-04	1.99E-03	7.73E-03
3.62E-03	2.38E-04	2.08E-03	8.06E-03
3.78E-03	2.49E-04	2.18E-03	8.39E-03
3.95E-03	2.60E-04	2.27E-03	8.76E-03
4.15E-03	2.74E-04	2.37E-03	9.16E-03
4.38E-03	2.89E-04	2.47E-03	9.58E-03
4.64E-03	3.07E-04	2.57E-03	1.00E-02
4.94E-03	3.27E-04	2.67E-03	1.05E-02
5.26E-03	3.49E-04	2.76E-03	1.11E-02
5.66E-03	3.77E-04	2.84E-03	1.17E-02
6.11E-03	4.08E-04	2.92E-03	1.23E-02
6.65E-03	4.46E-04	2.99E-03	1.30E-02
7.30E-03	4.92E-04	3.05E-03	1.38E-02
8.10E-03	5.49E-04	3.09E-03	1.48E-02
9.10E-03	6.21E-04	3.11E-03	1.59E-02

1.04E-02	7.16E-04	3.10E-03	1.73E-02
1.21E-02	8.47E-04	3.08E-03	1.92E-02
1.45E-02	1.04E-03	3.03E-03	2.18E-02
1.83E-02	1.34E-03	2.97E-03	2.57E-02
1.37E-02	9.94E-04	2.88E-03	2.07E-02
1.12E-02	7.89E-04	2.79E-03	1.78E-02
1.36E-02	9.77E-04	2.69E-03	2.03E-02
1.89E-02	1.39E-03	2.58E-03	2.58E-02
1.57E-02	1.12E-03	2.47E-03	2.22E-02
1.36E-02	9.52E-04	2.37E-03	1.98E-02
1.22E-02	8.37E-04	2.26E-03	1.80E-02
1.12E-02	7.58E-04	2.15E-03	1.67E-02
1.05E-02	7.03E-04	2.04E-03	1.57E-02
9.97E-03	6.67E-04	1.91E-03	1.50E-02
9.70E-03	6.47E-04	1.78E-03	1.44E-02
9.64E-03	6.42E-04	1.64E-03	1.41E-02
9.79E-03	6.53E-04	1.50E-03	1.40E-02
1.02E-02	6.80E-04	1.37E-03	1.42E-02
1.09E-02	7.30E-04	1.25E-03	1.47E-02
1.20E-02	8.10E-04	1.14E-03	1.57E-02
1.37E-02	9.43E-04	1.04E-03	1.74E-02
1.67E-02	1.17E-03	9.66E-04	2.04E-02
1.57E-02	1.11E-03	9.03E-04	1.92E-02
1.87E-02	1.34E-03	8.52E-04	2.22E-02
1.89E-02	1.36E-03	8.12E-04	2.23E-02
2.26E-02	1.65E-03	7.80E-04	2.62E-02
1.78E-02	1.26E-03	7.55E-04	2.09E-02
1.47E-02	1.02E-03	7.35E-04	1.75E-02
1.26E-02	8.58E-04	7.18E-04	1.51E-02
1.09E-02	7.40E-04	7.02E-04	1.33E-02
9.60E-03	6.49E-04	6.88E-04	1.18E-02
8.54E-03	5.75E-04	6.74E-04	1.06E-02
7.69E-03	5.16E-04	6.62E-04	9.67E-03
6.94E-03	4.65E-04	6.49E-04	8.83E-03
6.30E-03	4.21E-04	6.35E-04	8.11E-03
5.75E-03	3.84E-04	6.22E-04	7.50E-03
5.28E-03	3.51E-04	6.09E-04	6.97E-03
4.86E-03	3.22E-04	5.96E-04	6.49E-03
4.48E-03	2.96E-04	5.82E-04	6.05E-03
4.15E-03	2.73E-04	5.69E-04	5.67E-03
3.86E-03	2.54E-04	5.56E-04	5.33E-03
3.59E-03	2.36E-04	5.43E-04	5.02E-03
3.35E-03	2.20E-04	5.30E-04	4.75E-03
3.14E-03	2.06E-04	5.18E-04	4.50E-03
2.95E-03	1.93E-04	5.05E-04	4.27E-03
2.78E-03	1.82E-04	4.94E-04	4.06E-03
3.16E-03	2.08E-04	1.86E-03	7.14E-03
3.28E-03	2.16E-04	1.94E-03	7.42E-03
3.42E-03	2.25E-04	2.02E-03	7.72E-03
3.56E-03	2.34E-04	2.11E-03	8.04E-03
3.72E-03	2.45E-04	2.19E-03	8.37E-03
3.90E-03	2.57E-04	2.28E-03	8.72E-03
4.11E-03	2.71E-04	2.36E-03	9.10E-03
4.34E-03	2.86E-04	2.45E-03	9.51E-03
4.59E-03	3.03E-04	2.53E-03	9.93E-03

4.89E-03	3.24E-04	2.60E-03	1.04E-02
5.21E-03	3.46E-04	2.67E-03	1.09E-02
5.59E-03	3.72E-04	2.73E-03	1.14E-02
6.04E-03	4.03E-04	2.78E-03	1.20E-02
6.57E-03	4.40E-04	2.82E-03	1.26E-02
7.20E-03	4.85E-04	2.84E-03	1.34E-02
7.98E-03	5.40E-04	2.85E-03	1.43E-02
8.94E-03	6.09E-04	2.83E-03	1.53E-02
1.02E-02	7.00E-04	2.80E-03	1.66E-02
1.18E-02	8.23E-04	2.75E-03	1.83E-02
1.41E-02	1.00E-03	2.69E-03	2.07E-02
1.75E-02	1.28E-03	2.61E-03	2.43E-02
1.32E-02	9.44E-04	2.52E-03	1.95E-02
1.41E-02	1.02E-03	2.43E-03	2.03E-02
1.49E-02	1.09E-03	2.34E-03	2.11E-02
1.97E-02	1.46E-03	2.24E-03	2.60E-02
1.63E-02	1.17E-03	2.15E-03	2.22E-02
1.42E-02	9.92E-04	2.06E-03	1.97E-02
1.26E-02	8.71E-04	1.97E-03	1.79E-02
1.16E-02	7.89E-04	1.87E-03	1.66E-02
1.09E-02	7.37E-04	1.76E-03	1.57E-02
1.06E-02	7.10E-04	1.65E-03	1.51E-02
1.05E-02	7.03E-04	1.53E-03	1.48E-02
1.07E-02	7.17E-04	1.41E-03	1.48E-02
1.12E-02	7.55E-04	1.29E-03	1.51E-02
1.22E-02	8.24E-04	1.18E-03	1.59E-02
1.38E-02	9.42E-04	1.08E-03	1.74E-02
1.65E-02	1.15E-03	9.92E-04	2.02E-02
1.84E-02	1.32E-03	9.17E-04	2.21E-02
1.84E-02	1.32E-03	8.55E-04	2.19E-02
1.92E-02	1.38E-03	8.04E-04	2.26E-02
2.35E-02	1.72E-03	7.64E-04	2.71E-02
1.83E-02	1.29E-03	7.32E-04	2.14E-02
1.50E-02	1.04E-03	7.06E-04	1.78E-02
1.28E-02	8.73E-04	6.86E-04	1.53E-02
1.10E-02	7.51E-04	6.69E-04	1.34E-02
9.71E-03	6.57E-04	6.55E-04	1.19E-02
8.63E-03	5.82E-04	6.42E-04	1.07E-02
7.74E-03	5.20E-04	6.30E-04	9.68E-03
7.00E-03	4.69E-04	6.19E-04	8.84E-03
6.37E-03	4.26E-04	6.08E-04	8.14E-03
5.81E-03	3.87E-04	5.96E-04	7.51E-03
5.32E-03	3.54E-04	5.84E-04	6.96E-03
4.90E-03	3.25E-04	5.73E-04	6.48E-03
4.53E-03	2.99E-04	5.62E-04	6.06E-03
4.20E-03	2.77E-04	5.51E-04	5.68E-03
3.89E-03	2.56E-04	5.39E-04	5.33E-03
3.62E-03	2.38E-04	5.27E-04	5.02E-03
3.38E-03	2.22E-04	5.16E-04	4.74E-03
3.17E-03	2.07E-04	5.04E-04	4.49E-03
2.98E-03	1.95E-04	4.93E-04	4.26E-03
2.80E-03	1.83E-04	4.82E-04	4.05E-03
3.11E-03	2.04E-04	1.88E-03	7.13E-03
3.23E-03	2.12E-04	1.96E-03	7.41E-03
3.37E-03	2.22E-04	2.03E-03	7.70E-03



3.52E-03	2.31E-04	2.11E-03	8.00E-03
3.68E-03	2.42E-04	2.18E-03	8.31E-03
3.87E-03	2.55E-04	2.26E-03	8.65E-03
4.07E-03	2.68E-04	2.33E-03	9.00E-03
4.29E-03	2.83E-04	2.39E-03	9.37E-03
4.56E-03	3.01E-04	2.45E-03	9.78E-03
4.84E-03	3.20E-04	2.51E-03	1.02E-02
5.17E-03	3.43E-04	2.55E-03	1.06E-02
5.54E-03	3.69E-04	2.59E-03	1.11E-02
5.98E-03	3.99E-04	2.61E-03	1.16E-02
6.50E-03	4.35E-04	2.62E-03	1.22E-02
7.11E-03	4.78E-04	2.61E-03	1.29E-02
7.86E-03	5.31E-04	2.59E-03	1.37E-02
8.79E-03	5.98E-04	2.56E-03	1.47E-02
9.97E-03	6.85E-04	2.51E-03	1.59E-02
1.15E-02	8.01E-04	2.44E-03	1.75E-02
1.37E-02	9.68E-04	2.37E-03	1.97E-02
1.69E-02	1.23E-03	2.29E-03	2.30E-02
1.67E-02	1.23E-03	2.21E-03	2.27E-02
1.42E-02	1.03E-03	2.13E-03	1.98E-02
1.40E-02	1.01E-03	2.05E-03	1.95E-02
2.06E-02	1.53E-03	1.97E-03	2.64E-02
1.70E-02	1.22E-03	1.89E-03	2.24E-02
1.47E-02	1.03E-03	1.81E-03	1.97E-02
1.31E-02	9.03E-04	1.72E-03	1.79E-02
1.22E-02	8.29E-04	1.63E-03	1.67E-02
1.17E-02	7.90E-04	1.53E-03	1.60E-02
1.16E-02	7.79E-04	1.43E-03	1.57E-02
1.18E-02	7.97E-04	1.32E-03	1.58E-02
1.26E-02	8.51E-04	1.22E-03	1.64E-02
1.40E-02	9.54E-04	1.12E-03	1.77E-02
1.64E-02	1.14E-03	1.03E-03	2.01E-02
2.11E-02	1.53E-03	9.45E-04	2.50E-02
1.81E-02	1.29E-03	8.73E-04	2.16E-02
1.96E-02	1.42E-03	8.12E-04	2.32E-02
2.44E-02	1.80E-03	7.63E-04	2.81E-02
1.88E-02	1.33E-03	7.23E-04	2.20E-02
1.54E-02	1.07E-03	6.90E-04	1.82E-02
1.30E-02	8.88E-04	6.64E-04	1.55E-02
1.12E-02	7.60E-04	6.43E-04	1.35E-02
9.80E-03	6.63E-04	6.26E-04	1.20E-02
8.69E-03	5.86E-04	6.12E-04	1.07E-02
7.78E-03	5.23E-04	6.00E-04	9.68E-03
7.03E-03	4.71E-04	5.89E-04	8.84E-03
6.39E-03	4.27E-04	5.79E-04	8.12E-03
5.84E-03	3.89E-04	5.70E-04	7.50E-03
5.37E-03	3.57E-04	5.60E-04	6.96E-03
4.94E-03	3.27E-04	5.50E-04	6.47E-03
4.55E-03	3.01E-04	5.40E-04	6.04E-03
4.22E-03	2.78E-04	5.30E-04	5.65E-03
3.92E-03	2.58E-04	5.20E-04	5.32E-03
3.65E-03	2.40E-04	5.10E-04	5.01E-03
3.41E-03	2.23E-04	5.00E-04	4.73E-03
3.19E-03	2.09E-04	4.90E-04	4.48E-03
3.00E-03	1.96E-04	4.80E-04	4.25E-03

2.82E-03	1.84E-04	4.70E-04	4.04E-03
3.07E-03	2.01E-04	1.89E-03	7.11E-03
3.20E-03	2.10E-04	1.96E-03	7.37E-03
3.33E-03	2.19E-04	2.02E-03	7.64E-03
3.49E-03	2.29E-04	2.09E-03	7.93E-03
3.65E-03	2.40E-04	2.15E-03	8.22E-03
3.83E-03	2.52E-04	2.21E-03	8.52E-03
4.04E-03	2.66E-04	2.26E-03	8.87E-03
4.27E-03	2.82E-04	2.31E-03	9.21E-03
4.52E-03	2.99E-04	2.35E-03	9.56E-03
4.80E-03	3.18E-04	2.38E-03	9.93E-03
5.12E-03	3.40E-04	2.41E-03	1.03E-02
5.49E-03	3.65E-04	2.42E-03	1.08E-02
5.92E-03	3.95E-04	2.42E-03	1.13E-02
6.42E-03	4.30E-04	2.41E-03	1.18E-02
7.02E-03	4.72E-04	2.38E-03	1.24E-02
7.75E-03	5.23E-04	2.34E-03	1.31E-02
8.65E-03	5.88E-04	2.29E-03	1.40E-02
9.79E-03	6.71E-04	2.23E-03	1.52E-02
1.13E-02	7.82E-04	2.16E-03	1.67E-02
1.34E-02	9.40E-04	2.09E-03	1.88E-02
1.64E-02	1.18E-03	2.02E-03	2.19E-02
1.29E-02	9.21E-04	1.95E-03	1.81E-02
1.43E-02	1.03E-03	1.88E-03	1.94E-02
1.57E-02	1.16E-03	1.81E-03	2.09E-02
2.16E-02	1.61E-03	1.74E-03	2.70E-02
1.77E-02	1.27E-03	1.67E-03	2.26E-02
1.52E-02	1.07E-03	1.59E-03	1.98E-02
1.38E-02	9.54E-04	1.51E-03	1.82E-02
1.31E-02	8.95E-04	1.42E-03	1.73E-02
1.29E-02	8.77E-04	1.34E-03	1.69E-02
1.33E-02	9.03E-04	1.24E-03	1.71E-02
1.44E-02	9.82E-04	1.15E-03	1.81E-02
1.65E-02	1.15E-03	1.06E-03	2.02E-02
2.06E-02	1.49E-03	9.77E-04	2.45E-02
1.84E-02	1.32E-03	9.00E-04	2.20E-02
1.94E-02	1.39E-03	8.33E-04	2.29E-02
2.54E-02	1.88E-03	7.75E-04	2.92E-02
1.93E-02	1.37E-03	7.26E-04	2.26E-02
1.57E-02	1.09E-03	6.86E-04	1.85E-02
1.32E-02	9.04E-04	6.53E-04	1.57E-02
1.13E-02	7.69E-04	6.27E-04	1.36E-02
9.87E-03	6.68E-04	6.06E-04	1.20E-02
8.73E-03	5.88E-04	5.89E-04	1.07E-02
7.79E-03	5.23E-04	5.75E-04	9.67E-03
7.02E-03	4.70E-04	5.63E-04	8.80E-03
6.39E-03	4.26E-04	5.52E-04	8.08E-03
5.84E-03	3.89E-04	5.43E-04	7.46E-03
5.37E-03	3.56E-04	5.35E-04	6.92E-03
4.95E-03	3.28E-04	5.26E-04	6.45E-03
4.58E-03	3.02E-04	5.18E-04	6.02E-03
4.24E-03	2.79E-04	5.09E-04	5.64E-03
3.93E-03	2.58E-04	5.01E-04	5.29E-03
3.67E-03	2.40E-04	4.92E-04	4.98E-03
3.42E-03	2.24E-04	4.83E-04	4.71E-03

3.21E-03	2.10E-04	4.74E-04	4.46E-03
3.01E-03	1.96E-04	4.66E-04	4.23E-03
2.83E-03	1.85E-04	4.57E-04	4.02E-03
3.04E-03	1.99E-04	1.88E-03	7.06E-03
3.17E-03	2.08E-04	1.94E-03	7.31E-03
3.31E-03	2.17E-04	1.99E-03	7.56E-03
3.45E-03	2.27E-04	2.04E-03	7.82E-03
3.62E-03	2.38E-04	2.09E-03	8.10E-03
3.81E-03	2.51E-04	2.14E-03	8.39E-03
4.01E-03	2.64E-04	2.17E-03	8.69E-03
4.24E-03	2.79E-04	2.21E-03	8.99E-03
4.49E-03	2.96E-04	2.23E-03	9.31E-03
4.76E-03	3.15E-04	2.24E-03	9.65E-03
5.08E-03	3.37E-04	2.24E-03	1.00E-02
5.44E-03	3.62E-04	2.24E-03	1.04E-02
5.86E-03	3.91E-04	2.22E-03	1.08E-02
6.35E-03	4.25E-04	2.19E-03	1.13E-02
6.94E-03	4.66E-04	2.15E-03	1.19E-02
7.65E-03	5.16E-04	2.10E-03	1.26E-02
8.52E-03	5.78E-04	2.04E-03	1.34E-02
9.63E-03	6.59E-04	1.98E-03	1.45E-02
1.11E-02	7.65E-04	1.92E-03	1.60E-02
1.30E-02	9.14E-04	1.85E-03	1.80E-02
1.58E-02	1.14E-03	1.79E-03	2.09E-02
1.60E-02	1.16E-03	1.73E-03	2.10E-02
1.41E-02	1.02E-03	1.67E-03	1.88E-02
1.45E-02	1.05E-03	1.61E-03	1.91E-02
1.76E-02	1.29E-03	1.54E-03	2.23E-02
1.85E-02	1.33E-03	1.48E-03	2.31E-02
1.61E-02	1.13E-03	1.41E-03	2.04E-02
1.50E-02	1.04E-03	1.33E-03	1.90E-02
1.47E-02	1.01E-03	1.25E-03	1.86E-02
1.52E-02	1.05E-03	1.17E-03	1.90E-02
1.68E-02	1.17E-03	1.09E-03	2.06E-02
2.04E-02	1.46E-03	1.01E-03	2.43E-02
1.79E-02	1.27E-03	9.31E-04	2.15E-02
2.07E-02	1.51E-03	8.60E-04	2.44E-02
2.24E-02	1.64E-03	7.97E-04	2.61E-02
1.99E-02	1.42E-03	7.41E-04	2.32E-02
1.60E-02	1.11E-03	6.93E-04	1.89E-02
1.33E-02	9.16E-04	6.54E-04	1.59E-02
1.14E-02	7.76E-04	6.21E-04	1.37E-02
9.90E-03	6.70E-04	5.94E-04	1.21E-02
8.73E-03	5.88E-04	5.73E-04	1.07E-02
7.78E-03	5.23E-04	5.56E-04	9.65E-03
7.00E-03	4.68E-04	5.41E-04	8.76E-03
6.35E-03	4.24E-04	5.29E-04	8.01E-03
5.81E-03	3.86E-04	5.20E-04	7.40E-03
5.34E-03	3.54E-04	5.11E-04	6.86E-03
4.93E-03	3.26E-04	5.03E-04	6.39E-03
4.56E-03	3.01E-04	4.95E-04	5.97E-03
4.23E-03	2.79E-04	4.87E-04	5.59E-03
3.94E-03	2.59E-04	4.80E-04	5.26E-03
3.67E-03	2.41E-04	4.73E-04	4.95E-03
3.43E-03	2.24E-04	4.66E-04	4.67E-03

3.21E-03	2.10E-04	4.58E-04	4.42E-03
3.02E-03	1.97E-04	4.50E-04	4.20E-03
2.84E-03	1.85E-04	4.43E-04	3.99E-03
3.02E-03	1.98E-04	1.85E-03	6.99E-03
3.14E-03	2.06E-04	1.90E-03	7.21E-03
3.28E-03	2.15E-04	1.94E-03	7.45E-03
3.44E-03	2.26E-04	1.98E-03	7.70E-03
3.60E-03	2.37E-04	2.02E-03	7.95E-03
3.78E-03	2.49E-04	2.05E-03	8.20E-03
3.98E-03	2.62E-04	2.07E-03	8.47E-03
4.21E-03	2.77E-04	2.08E-03	8.75E-03
4.45E-03	2.94E-04	2.09E-03	9.04E-03
4.73E-03	3.13E-04	2.08E-03	9.34E-03
5.04E-03	3.34E-04	2.07E-03	9.67E-03
5.39E-03	3.58E-04	2.05E-03	1.00E-02
5.81E-03	3.87E-04	2.02E-03	1.04E-02
6.29E-03	4.20E-04	1.98E-03	1.09E-02
6.86E-03	4.60E-04	1.93E-03	1.14E-02
7.55E-03	5.09E-04	1.88E-03	1.21E-02
8.40E-03	5.70E-04	1.82E-03	1.29E-02
9.47E-03	6.47E-04	1.76E-03	1.40E-02
1.09E-02	7.49E-04	1.70E-03	1.53E-02
1.27E-02	8.90E-04	1.65E-03	1.72E-02
1.54E-02	1.10E-03	1.59E-03	2.00E-02
1.96E-02	1.45E-03	1.54E-03	2.45E-02
1.45E-02	1.05E-03	1.49E-03	1.88E-02
1.20E-02	8.43E-04	1.43E-03	1.60E-02
1.94E-02	1.43E-03	1.38E-03	2.39E-02
1.97E-02	1.43E-03	1.31E-03	2.41E-02
1.76E-02	1.24E-03	1.25E-03	2.17E-02
1.70E-02	1.19E-03	1.18E-03	2.09E-02
1.78E-02	1.25E-03	1.11E-03	2.17E-02
2.06E-02	1.48E-03	1.03E-03	2.45E-02
2.21E-02	1.62E-03	9.58E-04	2.60E-02
1.96E-02	1.41E-03	8.87E-04	2.32E-02
2.25E-02	1.65E-03	8.22E-04	2.62E-02
2.05E-02	1.47E-03	7.63E-04	2.38E-02
1.62E-02	1.13E-03	7.09E-04	1.92E-02
1.34E-02	9.25E-04	6.64E-04	1.61E-02
1.14E-02	7.79E-04	6.25E-04	1.38E-02
9.88E-03	6.69E-04	5.92E-04	1.21E-02
8.69E-03	5.86E-04	5.66E-04	1.07E-02
7.73E-03	5.19E-04	5.44E-04	9.59E-03
6.94E-03	4.64E-04	5.26E-04	8.69E-03
6.29E-03	4.19E-04	5.12E-04	7.94E-03
5.74E-03	3.82E-04	4.99E-04	7.31E-03
5.29E-03	3.50E-04	4.90E-04	6.78E-03
4.88E-03	3.23E-04	4.81E-04	6.31E-03
4.52E-03	2.98E-04	4.74E-04	5.90E-03
4.21E-03	2.77E-04	4.67E-04	5.54E-03
3.92E-03	2.58E-04	4.60E-04	5.21E-03
3.66E-03	2.40E-04	4.53E-04	4.90E-03
3.42E-03	2.24E-04	4.47E-04	4.63E-03
3.21E-03	2.10E-04	4.41E-04	4.39E-03
3.02E-03	1.97E-04	4.34E-04	4.16E-03

2.84E-03	1.85E-04	4.27E-04	3.96E-03
2.99E-03	1.96E-04	1.81E-03	6.89E-03
3.12E-03	2.05E-04	1.85E-03	7.10E-03
3.26E-03	2.14E-04	1.88E-03	7.31E-03
3.41E-03	2.24E-04	1.90E-03	7.53E-03
3.57E-03	2.35E-04	1.92E-03	7.75E-03
3.76E-03	2.47E-04	1.94E-03	7.99E-03
3.96E-03	2.61E-04	1.95E-03	8.23E-03
4.18E-03	2.75E-04	1.95E-03	8.48E-03
4.42E-03	2.92E-04	1.94E-03	8.74E-03
4.69E-03	3.10E-04	1.92E-03	9.01E-03
5.00E-03	3.31E-04	1.90E-03	9.31E-03
5.35E-03	3.55E-04	1.86E-03	9.64E-03
5.75E-03	3.83E-04	1.82E-03	1.00E-02
6.23E-03	4.16E-04	1.78E-03	1.05E-02
6.79E-03	4.55E-04	1.73E-03	1.10E-02
7.46E-03	5.03E-04	1.68E-03	1.16E-02
8.29E-03	5.62E-04	1.63E-03	1.24E-02
9.33E-03	6.37E-04	1.58E-03	1.34E-02
1.07E-02	7.35E-04	1.52E-03	1.48E-02
1.25E-02	8.70E-04	1.48E-03	1.66E-02
1.50E-02	1.07E-03	1.43E-03	1.93E-02
1.90E-02	1.40E-03	1.38E-03	2.34E-02
1.42E-02	1.02E-03	1.33E-03	1.82E-02
1.52E-02	1.10E-03	1.28E-03	1.92E-02
1.95E-02	1.44E-03	1.23E-03	2.37E-02
2.16E-02	1.57E-03	1.17E-03	2.58E-02
2.03E-02	1.46E-03	1.11E-03	2.43E-02
2.17E-02	1.56E-03	1.04E-03	2.57E-02
1.87E-02	1.33E-03	9.78E-04	2.23E-02
2.06E-02	1.50E-03	9.12E-04	2.43E-02
2.35E-02	1.74E-03	8.47E-04	2.73E-02
2.10E-02	1.51E-03	7.87E-04	2.44E-02
1.64E-02	1.15E-03	7.31E-04	1.94E-02
1.35E-02	9.30E-04	6.81E-04	1.61E-02
1.14E-02	7.77E-04	6.37E-04	1.38E-02
9.81E-03	6.65E-04	6.00E-04	1.20E-02
8.60E-03	5.79E-04	5.67E-04	1.06E-02
7.63E-03	5.12E-04	5.41E-04	9.50E-03
6.85E-03	4.58E-04	5.18E-04	8.59E-03
6.20E-03	4.13E-04	5.00E-04	7.84E-03
5.66E-03	3.76E-04	4.85E-04	7.21E-03
5.20E-03	3.44E-04	4.73E-04	6.67E-03
4.80E-03	3.17E-04	4.63E-04	6.21E-03
4.46E-03	2.94E-04	4.54E-04	5.80E-03
4.15E-03	2.73E-04	4.47E-04	5.45E-03
3.88E-03	2.55E-04	4.41E-04	5.13E-03
3.64E-03	2.38E-04	4.34E-04	4.85E-03
3.41E-03	2.23E-04	4.28E-04	4.58E-03
3.20E-03	2.09E-04	4.22E-04	4.34E-03
3.01E-03	1.96E-04	4.17E-04	4.12E-03
2.83E-03	1.85E-04	4.12E-04	3.92E-03
2.98E-03	1.95E-04	1.75E-03	6.77E-03
3.10E-03	2.04E-04	1.78E-03	6.95E-03
3.24E-03	2.13E-04	1.80E-03	7.15E-03

3.39E-03	2.23E-04	1.81E-03	7.34E-03
3.55E-03	2.34E-04	1.82E-03	7.55E-03
3.73E-03	2.46E-04	1.82E-03	7.76E-03
3.93E-03	2.59E-04	1.82E-03	7.97E-03
4.15E-03	2.73E-04	1.80E-03	8.19E-03
4.39E-03	2.89E-04	1.79E-03	8.43E-03
4.65E-03	3.07E-04	1.76E-03	8.68E-03
4.96E-03	3.28E-04	1.73E-03	8.95E-03
5.30E-03	3.52E-04	1.69E-03	9.27E-03
5.70E-03	3.79E-04	1.65E-03	9.63E-03
6.17E-03	4.12E-04	1.60E-03	1.00E-02
6.71E-03	4.50E-04	1.55E-03	1.06E-02
7.38E-03	4.97E-04	1.51E-03	1.12E-02
8.19E-03	5.54E-04	1.46E-03	1.20E-02
9.20E-03	6.27E-04	1.42E-03	1.30E-02
1.05E-02	7.22E-04	1.37E-03	1.43E-02
1.23E-02	8.53E-04	1.33E-03	1.61E-02
1.47E-02	1.04E-03	1.29E-03	1.86E-02
1.84E-02	1.34E-03	1.25E-03	2.25E-02
1.83E-02	1.35E-03	1.20E-03	2.24E-02
1.60E-02	1.16E-03	1.15E-03	1.98E-02
1.67E-02	1.20E-03	1.10E-03	2.04E-02
2.52E-02	1.87E-03	1.05E-03	2.94E-02
2.36E-02	1.75E-03	9.88E-04	2.76E-02
2.04E-02	1.49E-03	9.28E-04	2.41E-02
1.93E-02	1.40E-03	8.68E-04	2.28E-02
2.13E-02	1.56E-03	8.10E-04	2.49E-02
1.65E-02	1.16E-03	7.54E-04	1.95E-02
1.34E-02	9.25E-04	7.02E-04	1.60E-02
1.12E-02	7.67E-04	6.55E-04	1.36E-02
9.65E-03	6.54E-04	6.13E-04	1.19E-02
8.44E-03	5.69E-04	5.76E-04	1.05E-02
7.48E-03	5.02E-04	5.45E-04	9.36E-03
6.70E-03	4.48E-04	5.18E-04	8.46E-03
6.08E-03	4.05E-04	4.96E-04	7.72E-03
5.55E-03	3.68E-04	4.77E-04	7.09E-03
5.10E-03	3.37E-04	4.62E-04	6.56E-03
4.72E-03	3.11E-04	4.49E-04	6.11E-03
4.38E-03	2.89E-04	4.39E-04	5.71E-03
4.09E-03	2.69E-04	4.30E-04	5.36E-03
3.82E-03	2.51E-04	4.22E-04	5.05E-03
3.59E-03	2.35E-04	4.17E-04	4.77E-03
3.38E-03	2.21E-04	4.11E-04	4.53E-03
3.17E-03	2.07E-04	4.05E-04	4.29E-03
2.99E-03	1.95E-04	4.00E-04	4.07E-03
2.82E-03	1.84E-04	3.95E-04	3.88E-03
2.96E-03	1.94E-04	1.68E-03	6.62E-03
3.08E-03	2.02E-04	1.69E-03	6.79E-03
3.22E-03	2.12E-04	1.70E-03	6.97E-03
3.37E-03	2.21E-04	1.71E-03	7.14E-03
3.53E-03	2.32E-04	1.71E-03	7.32E-03
3.71E-03	2.44E-04	1.70E-03	7.51E-03
3.90E-03	2.57E-04	1.68E-03	7.70E-03
4.11E-03	2.71E-04	1.66E-03	7.90E-03
4.35E-03	2.87E-04	1.64E-03	8.12E-03

4.61E-03	3.05E-04	1.60E-03	8.35E-03
4.91E-03	3.25E-04	1.57E-03	8.61E-03
5.25E-03	3.49E-04	1.53E-03	8.91E-03
5.64E-03	3.76E-04	1.49E-03	9.25E-03
6.10E-03	4.07E-04	1.44E-03	9.66E-03
6.64E-03	4.45E-04	1.40E-03	1.02E-02
7.28E-03	4.90E-04	1.36E-03	1.08E-02
8.07E-03	5.46E-04	1.32E-03	1.15E-02
9.06E-03	6.17E-04	1.28E-03	1.25E-02
1.03E-02	7.10E-04	1.24E-03	1.38E-02
1.20E-02	8.35E-04	1.20E-03	1.55E-02
1.44E-02	1.02E-03	1.17E-03	1.80E-02
1.79E-02	1.30E-03	1.13E-03	2.17E-02
1.45E-02	1.04E-03	1.08E-03	1.80E-02
1.68E-02	1.22E-03	1.04E-03	2.04E-02
1.75E-02	1.29E-03	9.88E-04	2.11E-02
2.11E-02	1.57E-03	9.36E-04	2.48E-02
2.37E-02	1.78E-03	8.83E-04	2.75E-02
2.12E-02	1.56E-03	8.28E-04	2.48E-02
1.61E-02	1.14E-03	7.74E-04	1.92E-02
1.30E-02	9.02E-04	7.23E-04	1.57E-02
1.09E-02	7.44E-04	6.74E-04	1.33E-02
9.32E-03	6.33E-04	6.30E-04	1.15E-02
8.18E-03	5.51E-04	5.90E-04	1.02E-02
7.27E-03	4.88E-04	5.55E-04	9.16E-03
6.51E-03	4.35E-04	5.24E-04	8.27E-03
5.91E-03	3.93E-04	4.98E-04	7.56E-03
5.41E-03	3.59E-04	4.75E-04	6.96E-03
4.98E-03	3.29E-04	4.57E-04	6.44E-03
4.61E-03	3.04E-04	4.41E-04	5.99E-03
4.29E-03	2.82E-04	4.28E-04	5.61E-03
4.01E-03	2.63E-04	4.17E-04	5.27E-03
3.76E-03	2.46E-04	4.09E-04	4.97E-03
3.53E-03	2.31E-04	4.01E-04	4.69E-03
3.32E-03	2.17E-04	3.95E-04	4.45E-03
3.14E-03	2.05E-04	3.89E-04	4.23E-03
2.96E-03	1.93E-04	3.84E-04	4.02E-03
2.80E-03	1.82E-04	3.79E-04	3.83E-03
3.07E-03	2.01E-04	1.61E-03	6.61E-03
3.20E-03	2.10E-04	1.61E-03	6.77E-03
3.35E-03	2.20E-04	1.60E-03	6.92E-03
3.51E-03	2.31E-04	1.59E-03	7.09E-03
3.68E-03	2.42E-04	1.57E-03	7.25E-03
3.87E-03	2.55E-04	1.55E-03	7.42E-03
4.08E-03	2.69E-04	1.52E-03	7.61E-03
4.31E-03	2.85E-04	1.49E-03	7.81E-03
4.57E-03	3.02E-04	1.46E-03	8.03E-03
4.86E-03	3.22E-04	1.42E-03	8.27E-03
5.19E-03	3.45E-04	1.38E-03	8.56E-03
5.58E-03	3.71E-04	1.34E-03	8.90E-03
6.02E-03	4.02E-04	1.30E-03	9.30E-03
6.54E-03	4.38E-04	1.27E-03	9.78E-03
7.17E-03	4.82E-04	1.23E-03	1.04E-02
7.93E-03	5.37E-04	1.20E-03	1.11E-02
8.88E-03	6.05E-04	1.16E-03	1.21E-02

1.01E-02	6.93E-04	1.13E-03	1.33E-02
1.17E-02	8.12E-04	1.10E-03	1.50E-02
1.39E-02	9.83E-04	1.06E-03	1.73E-02
1.72E-02	1.25E-03	1.02E-03	2.08E-02
1.77E-02	1.30E-03	9.80E-04	2.12E-02
1.60E-02	1.17E-03	9.35E-04	1.93E-02
1.50E-02	1.09E-03	8.88E-04	1.82E-02
1.96E-02	1.46E-03	8.40E-04	2.31E-02
1.50E-02	1.07E-03	7.91E-04	1.80E-02
1.22E-02	8.49E-04	7.41E-04	1.48E-02
1.03E-02	7.04E-04	6.93E-04	1.27E-02
8.85E-03	6.02E-04	6.49E-04	1.11E-02
7.80E-03	5.27E-04	6.07E-04	9.84E-03
6.97E-03	4.68E-04	5.69E-04	8.87E-03
6.28E-03	4.20E-04	5.35E-04	8.05E-03
5.71E-03	3.80E-04	5.05E-04	7.36E-03
5.24E-03	3.48E-04	4.80E-04	6.80E-03
4.85E-03	3.21E-04	4.58E-04	6.31E-03
4.49E-03	2.96E-04	4.38E-04	5.88E-03
4.18E-03	2.75E-04	4.22E-04	5.50E-03
3.91E-03	2.57E-04	4.09E-04	5.17E-03
3.68E-03	2.41E-04	3.98E-04	4.88E-03
3.46E-03	2.27E-04	3.89E-04	4.61E-03
3.26E-03	2.13E-04	3.81E-04	4.37E-03
3.09E-03	2.02E-04	3.75E-04	4.15E-03
2.92E-03	1.90E-04	3.69E-04	3.95E-03
2.77E-03	1.80E-04	3.64E-04	3.77E-03
3.18E-03	2.09E-04	1.50E-03	6.56E-03
3.32E-03	2.19E-04	1.49E-03	6.70E-03
3.48E-03	2.29E-04	1.47E-03	6.84E-03
3.65E-03	2.40E-04	1.45E-03	6.99E-03
3.84E-03	2.53E-04	1.42E-03	7.15E-03
4.04E-03	2.67E-04	1.39E-03	7.32E-03
4.27E-03	2.82E-04	1.36E-03	7.50E-03
4.52E-03	2.99E-04	1.33E-03	7.71E-03
4.80E-03	3.18E-04	1.29E-03	7.95E-03
5.12E-03	3.40E-04	1.25E-03	8.22E-03
5.49E-03	3.65E-04	1.22E-03	8.55E-03
5.91E-03	3.95E-04	1.18E-03	8.93E-03
6.41E-03	4.30E-04	1.15E-03	9.40E-03
7.00E-03	4.72E-04	1.12E-03	9.97E-03
7.72E-03	5.22E-04	1.09E-03	1.07E-02
8.59E-03	5.85E-04	1.06E-03	1.15E-02
9.69E-03	6.65E-04	1.03E-03	1.27E-02
1.11E-02	7.69E-04	9.98E-04	1.41E-02
1.29E-02	9.08E-04	9.64E-04	1.60E-02
1.51E-02	1.09E-03	9.27E-04	1.83E-02
1.68E-02	1.24E-03	8.86E-04	2.01E-02
1.54E-02	1.12E-03	8.44E-04	1.84E-02
1.28E-02	9.11E-04	8.00E-04	1.56E-02
1.09E-02	7.61E-04	7.56E-04	1.35E-02
9.40E-03	6.46E-04	7.10E-04	1.17E-02
8.23E-03	5.60E-04	6.66E-04	1.04E-02
7.32E-03	4.95E-04	6.24E-04	9.35E-03
6.60E-03	4.43E-04	5.86E-04	8.50E-03



6.00E-03	4.01E-04	5.50E-04	7.77E-03
5.48E-03	3.65E-04	5.17E-04	7.14E-03
5.05E-03	3.35E-04	4.88E-04	6.61E-03
4.68E-03	3.10E-04	4.63E-04	6.16E-03
4.36E-03	2.88E-04	4.41E-04	5.75E-03
4.07E-03	2.68E-04	4.22E-04	5.39E-03
3.82E-03	2.51E-04	4.06E-04	5.07E-03
3.59E-03	2.35E-04	3.92E-04	4.78E-03
3.38E-03	2.22E-04	3.81E-04	4.53E-03
3.20E-03	2.09E-04	3.72E-04	4.30E-03
3.03E-03	1.98E-04	3.64E-04	4.09E-03
2.87E-03	1.88E-04	3.57E-04	3.89E-03
2.73E-03	1.78E-04	3.51E-04	3.72E-03
3.15E-03	2.07E-04	1.40E-03	6.34E-03
3.29E-03	2.17E-04	1.38E-03	6.46E-03
3.45E-03	2.27E-04	1.36E-03	6.59E-03
3.61E-03	2.38E-04	1.33E-03	6.72E-03
3.79E-03	2.50E-04	1.30E-03	6.87E-03
3.99E-03	2.64E-04	1.27E-03	7.03E-03
4.21E-03	2.78E-04	1.24E-03	7.20E-03
4.45E-03	2.94E-04	1.21E-03	7.40E-03
4.72E-03	3.13E-04	1.17E-03	7.62E-03
5.02E-03	3.34E-04	1.14E-03	7.88E-03
5.37E-03	3.58E-04	1.11E-03	8.19E-03
5.76E-03	3.85E-04	1.08E-03	8.55E-03
6.22E-03	4.17E-04	1.05E-03	8.98E-03
6.75E-03	4.54E-04	1.03E-03	9.49E-03
7.37E-03	4.98E-04	9.99E-04	1.01E-02
8.10E-03	5.50E-04	9.71E-04	1.08E-02
8.94E-03	6.11E-04	9.42E-04	1.17E-02
9.82E-03	6.77E-04	9.11E-04	1.25E-02
1.06E-02	7.36E-04	8.77E-04	1.33E-02
1.09E-02	7.60E-04	8.42E-04	1.35E-02
1.03E-02	7.21E-04	8.03E-04	1.29E-02
9.36E-03	6.47E-04	7.63E-04	1.18E-02
8.37E-03	5.74E-04	7.22E-04	1.07E-02
7.53E-03	5.12E-04	6.81E-04	9.67E-03
6.80E-03	4.59E-04	6.41E-04	8.81E-03
6.18E-03	4.16E-04	6.02E-04	8.07E-03
5.65E-03	3.79E-04	5.65E-04	7.43E-03
5.21E-03	3.48E-04	5.31E-04	6.88E-03
4.83E-03	3.21E-04	5.00E-04	6.40E-03
4.50E-03	2.98E-04	4.72E-04	5.98E-03
4.21E-03	2.78E-04	4.48E-04	5.61E-03
3.95E-03	2.60E-04	4.26E-04	5.28E-03
3.70E-03	2.44E-04	4.07E-04	4.96E-03
3.49E-03	2.29E-04	3.91E-04	4.69E-03
3.30E-03	2.16E-04	3.77E-04	4.44E-03
3.13E-03	2.05E-04	3.66E-04	4.22E-03
2.97E-03	1.94E-04	3.56E-04	4.02E-03
2.82E-03	1.84E-04	3.48E-04	3.83E-03
3.26E-03	2.14E-04	1.27E-03	6.22E-03
3.40E-03	2.24E-04	1.25E-03	6.33E-03
3.56E-03	2.35E-04	1.22E-03	6.46E-03
3.74E-03	2.47E-04	1.19E-03	6.59E-03

3.92E-03	2.59E-04	1.16E-03	6.74E-03
4.13E-03	2.73E-04	1.13E-03	6.90E-03
4.36E-03	2.88E-04	1.10E-03	7.08E-03
4.60E-03	3.05E-04	1.07E-03	7.29E-03
4.88E-03	3.24E-04	1.04E-03	7.53E-03
5.19E-03	3.46E-04	1.02E-03	7.81E-03
5.54E-03	3.70E-04	9.91E-04	8.12E-03
5.93E-03	3.97E-04	9.67E-04	8.48E-03
6.36E-03	4.27E-04	9.42E-04	8.89E-03
6.83E-03	4.61E-04	9.18E-04	9.34E-03
7.30E-03	4.94E-04	8.91E-04	9.79E-03
7.73E-03	5.25E-04	8.63E-04	1.02E-02
8.00E-03	5.45E-04	8.32E-04	1.04E-02
8.04E-03	5.49E-04	8.00E-04	1.04E-02
7.77E-03	5.30E-04	7.65E-04	1.01E-02
7.30E-03	4.96E-04	7.29E-04	9.50E-03
6.76E-03	4.58E-04	6.92E-04	8.85E-03
6.21E-03	4.19E-04	6.54E-04	8.19E-03
5.74E-03	3.86E-04	6.16E-04	7.61E-03
5.31E-03	3.56E-04	5.81E-04	7.08E-03
4.93E-03	3.29E-04	5.46E-04	6.60E-03
4.60E-03	3.06E-04	5.13E-04	6.18E-03
4.31E-03	2.85E-04	4.84E-04	5.80E-03
4.04E-03	2.67E-04	4.57E-04	5.45E-03
3.80E-03	2.51E-04	4.33E-04	5.14E-03
3.59E-03	2.36E-04	4.12E-04	4.86E-03
3.39E-03	2.23E-04	3.93E-04	4.60E-03
3.21E-03	2.11E-04	3.77E-04	4.36E-03
3.05E-03	2.00E-04	3.63E-04	4.14E-03
2.90E-03	1.90E-04	3.51E-04	3.95E-03
3.35E-03	2.21E-04	1.15E-03	6.08E-03
3.50E-03	2.31E-04	1.12E-03	6.19E-03
3.66E-03	2.42E-04	1.09E-03	6.31E-03
3.84E-03	2.54E-04	1.06E-03	6.44E-03
4.03E-03	2.66E-04	1.04E-03	6.59E-03
4.23E-03	2.80E-04	1.01E-03	6.75E-03
4.45E-03	2.95E-04	9.83E-04	6.94E-03
4.69E-03	3.12E-04	9.59E-04	7.14E-03
4.95E-03	3.29E-04	9.35E-04	7.37E-03
5.23E-03	3.49E-04	9.13E-04	7.62E-03
5.53E-03	3.69E-04	8.91E-04	7.89E-03
5.83E-03	3.90E-04	8.68E-04	8.16E-03
6.09E-03	4.09E-04	8.44E-04	8.39E-03
6.27E-03	4.22E-04	8.18E-04	8.54E-03
6.40E-03	4.31E-04	7.91E-04	8.62E-03
6.37E-03	4.29E-04	7.61E-04	8.53E-03
6.20E-03	4.18E-04	7.29E-04	8.30E-03
5.93E-03	3.99E-04	6.96E-04	7.95E-03
5.62E-03	3.77E-04	6.62E-04	7.55E-03
5.27E-03	3.53E-04	6.28E-04	7.12E-03
4.94E-03	3.30E-04	5.93E-04	6.69E-03
4.63E-03	3.09E-04	5.59E-04	6.30E-03
4.35E-03	2.89E-04	5.27E-04	5.94E-03
4.09E-03	2.71E-04	4.97E-04	5.59E-03
3.87E-03	2.56E-04	4.68E-04	5.29E-03

3.65E-03	2.41E-04	4.43E-04	5.00E-03
3.46E-03	2.28E-04	4.19E-04	4.74E-03
3.29E-03	2.16E-04	3.99E-04	4.50E-03
3.12E-03	2.05E-04	3.80E-04	4.28E-03
2.97E-03	1.95E-04	3.64E-04	4.07E-03
3.42E-03	2.26E-04	1.03E-03	5.92E-03
3.57E-03	2.36E-04	1.00E-03	6.02E-03
3.72E-03	2.46E-04	9.76E-04	6.14E-03
3.89E-03	2.57E-04	9.51E-04	6.27E-03
4.06E-03	2.69E-04	9.27E-04	6.40E-03
4.25E-03	2.81E-04	9.05E-04	6.55E-03
4.44E-03	2.95E-04	8.84E-04	6.71E-03
4.64E-03	3.08E-04	8.64E-04	6.88E-03
4.85E-03	3.22E-04	8.44E-04	7.05E-03
5.03E-03	3.35E-04	8.23E-04	7.20E-03
5.16E-03	3.44E-04	8.01E-04	7.30E-03
5.27E-03	3.51E-04	7.77E-04	7.37E-03
5.31E-03	3.54E-04	7.52E-04	7.36E-03
5.27E-03	3.52E-04	7.25E-04	7.28E-03
5.17E-03	3.45E-04	6.96E-04	7.11E-03
4.99E-03	3.33E-04	6.66E-04	6.87E-03
4.78E-03	3.18E-04	6.35E-04	6.58E-03
4.54E-03	3.02E-04	6.03E-04	6.27E-03
4.31E-03	2.87E-04	5.71E-04	5.97E-03
4.09E-03	2.71E-04	5.40E-04	5.66E-03
3.88E-03	2.57E-04	5.10E-04	5.38E-03
3.69E-03	2.44E-04	4.81E-04	5.11E-03
3.50E-03	2.31E-04	4.54E-04	4.86E-03
3.33E-03	2.19E-04	4.30E-04	4.62E-03
3.17E-03	2.08E-04	4.07E-04	4.40E-03
3.02E-03	1.98E-04	3.87E-04	4.19E-03
3.58E-03	2.37E-04	8.99E-04	5.82E-03
3.72E-03	2.46E-04	8.77E-04	5.92E-03
3.86E-03	2.55E-04	8.57E-04	6.03E-03
4.01E-03	2.65E-04	8.38E-04	6.14E-03
4.15E-03	2.75E-04	8.19E-04	6.25E-03
4.28E-03	2.83E-04	8.00E-04	6.35E-03
4.39E-03	2.91E-04	7.81E-04	6.43E-03
4.47E-03	2.96E-04	7.60E-04	6.47E-03
4.52E-03	3.00E-04	7.39E-04	6.49E-03
4.53E-03	3.00E-04	7.16E-04	6.45E-03
4.49E-03	2.98E-04	6.92E-04	6.37E-03
4.42E-03	2.93E-04	6.65E-04	6.24E-03
4.30E-03	2.85E-04	6.38E-04	6.06E-03
4.14E-03	2.75E-04	6.09E-04	5.84E-03
3.97E-03	2.63E-04	5.79E-04	5.60E-03
3.81E-03	2.52E-04	5.51E-04	5.37E-03
3.65E-03	2.41E-04	5.21E-04	5.14E-03
3.49E-03	2.30E-04	4.93E-04	4.92E-03
3.33E-03	2.20E-04	4.66E-04	4.70E-03
3.87E-03	2.56E-04	7.42E-04	5.79E-03
3.92E-03	2.59E-04	7.24E-04	5.81E-03
3.95E-03	2.61E-04	7.04E-04	5.79E-03
3.94E-03	2.60E-04	6.83E-04	5.74E-03
3.91E-03	2.58E-04	6.60E-04	5.67E-03

3.85E-03	2.55E-04	6.37E-04	5.57E-03
3.76E-03	2.48E-04	6.11E-04	5.42E-03
3.65E-03	2.41E-04	5.84E-04	5.26E-03
3.92E-04	2.52E-05	1.79E-04	8.36E-04
4.03E-04	2.59E-05	1.84E-04	8.58E-04
4.14E-04	2.66E-05	1.89E-04	8.81E-04
4.26E-04	2.74E-05	1.94E-04	9.06E-04
4.39E-04	2.82E-05	1.99E-04	9.31E-04
3.96E-04	2.55E-05	1.86E-04	8.54E-04
4.08E-04	2.62E-05	1.91E-04	8.78E-04
4.19E-04	2.69E-05	1.96E-04	9.02E-04
4.31E-04	2.77E-05	2.01E-04	9.27E-04
4.44E-04	2.86E-05	2.07E-04	9.54E-04
4.58E-04	2.95E-05	2.12E-04	9.82E-04
4.01E-04	2.58E-05	1.92E-04	8.74E-04
4.12E-04	2.65E-05	1.97E-04	8.98E-04
4.24E-04	2.73E-05	2.03E-04	9.23E-04
4.37E-04	2.81E-05	2.08E-04	9.49E-04
4.50E-04	2.89E-05	2.14E-04	9.76E-04
4.64E-04	2.98E-05	2.20E-04	1.01E-03
4.79E-04	3.08E-05	2.27E-04	1.04E-03
4.06E-04	2.61E-05	1.99E-04	8.94E-04
4.17E-04	2.68E-05	2.05E-04	9.18E-04
4.29E-04	2.76E-05	2.10E-04	9.44E-04
4.42E-04	2.84E-05	2.16E-04	9.71E-04
4.56E-04	2.93E-05	2.22E-04	1.00E-03
4.70E-04	3.02E-05	2.29E-04	1.03E-03
4.85E-04	3.12E-05	2.35E-04	1.06E-03
5.01E-04	3.22E-05	2.42E-04	1.09E-03
5.18E-04	3.33E-05	2.49E-04	1.13E-03
4.10E-04	2.64E-05	2.06E-04	9.13E-04
4.22E-04	2.71E-05	2.12E-04	9.39E-04
4.35E-04	2.79E-05	2.18E-04	9.66E-04
4.48E-04	2.88E-05	2.23E-04	9.93E-04
4.62E-04	2.97E-05	2.30E-04	1.02E-03
4.76E-04	3.06E-05	2.37E-04	1.05E-03
4.92E-04	3.16E-05	2.44E-04	1.09E-03
5.08E-04	3.27E-05	2.51E-04	1.12E-03
5.25E-04	3.38E-05	2.59E-04	1.16E-03
5.43E-04	3.50E-05	2.67E-04	1.19E-03
4.15E-04	2.66E-05	2.13E-04	9.33E-04
4.27E-04	2.74E-05	2.19E-04	9.60E-04
4.40E-04	2.83E-05	2.25E-04	9.88E-04
4.53E-04	2.91E-05	2.32E-04	1.02E-03
4.67E-04	3.00E-05	2.38E-04	1.05E-03
4.82E-04	3.10E-05	2.45E-04	1.08E-03
4.98E-04	3.20E-05	2.53E-04	1.11E-03
5.15E-04	3.31E-05	2.60E-04	1.15E-03
5.32E-04	3.42E-05	2.68E-04	1.18E-03
5.51E-04	3.54E-05	2.77E-04	1.22E-03
5.71E-04	3.67E-05	2.85E-04	1.26E-03
4.20E-04	2.70E-05	2.20E-04	9.54E-04
4.32E-04	2.77E-05	2.26E-04	9.81E-04
4.45E-04	2.86E-05	2.33E-04	1.01E-03
4.58E-04	2.95E-05	2.39E-04	1.04E-03

4.73E-04	3.04E-05	2.46E-04	1.07E-03
4.88E-04	3.14E-05	2.54E-04	1.10E-03
5.04E-04	3.24E-05	2.61E-04	1.14E-03
5.21E-04	3.35E-05	2.69E-04	1.17E-03
5.39E-04	3.47E-05	2.78E-04	1.21E-03
5.59E-04	3.59E-05	2.87E-04	1.25E-03
5.79E-04	3.73E-05	2.96E-04	1.29E-03
6.01E-04	3.87E-05	3.06E-04	1.34E-03
4.24E-04	2.73E-05	2.27E-04	9.74E-04
4.37E-04	2.81E-05	2.34E-04	1.00E-03
4.50E-04	2.89E-05	2.40E-04	1.03E-03
4.64E-04	2.98E-05	2.47E-04	1.06E-03
4.79E-04	3.08E-05	2.55E-04	1.09E-03
4.94E-04	3.18E-05	2.62E-04	1.13E-03
5.10E-04	3.28E-05	2.70E-04	1.16E-03
5.28E-04	3.40E-05	2.79E-04	1.20E-03
5.46E-04	3.52E-05	2.87E-04	1.24E-03
5.66E-04	3.64E-05	2.96E-04	1.28E-03
5.87E-04	3.78E-05	3.06E-04	1.32E-03
6.09E-04	3.92E-05	3.16E-04	1.37E-03
6.33E-04	4.08E-05	3.27E-04	1.42E-03
6.58E-04	4.24E-05	3.38E-04	1.47E-03
4.29E-04	2.76E-05	2.34E-04	9.95E-04
4.42E-04	2.84E-05	2.41E-04	1.02E-03
4.55E-04	2.93E-05	2.48E-04	1.05E-03
4.69E-04	3.02E-05	2.55E-04	1.08E-03
4.84E-04	3.11E-05	2.63E-04	1.12E-03
5.00E-04	3.22E-05	2.71E-04	1.15E-03
5.17E-04	3.33E-05	2.79E-04	1.19E-03
5.34E-04	3.44E-05	2.88E-04	1.23E-03
5.53E-04	3.56E-05	2.97E-04	1.27E-03
5.73E-04	3.69E-05	3.07E-04	1.31E-03
5.94E-04	3.83E-05	3.17E-04	1.35E-03
6.17E-04	3.98E-05	3.27E-04	1.40E-03
6.41E-04	4.13E-05	3.38E-04	1.45E-03
6.67E-04	4.30E-05	3.50E-04	1.50E-03
6.95E-04	4.48E-05	3.62E-04	1.56E-03
4.34E-04	2.79E-05	2.41E-04	1.01E-03
4.47E-04	2.87E-05	2.48E-04	1.04E-03
4.60E-04	2.96E-05	2.56E-04	1.08E-03
4.75E-04	3.05E-05	2.64E-04	1.11E-03
4.90E-04	3.15E-05	2.71E-04	1.14E-03
5.06E-04	3.26E-05	2.80E-04	1.18E-03
5.23E-04	3.37E-05	2.88E-04	1.21E-03
5.41E-04	3.48E-05	2.97E-04	1.25E-03
5.60E-04	3.61E-05	3.06E-04	1.29E-03
5.80E-04	3.74E-05	3.16E-04	1.34E-03
6.02E-04	3.88E-05	3.27E-04	1.38E-03
6.25E-04	4.03E-05	3.38E-04	1.43E-03
6.49E-04	4.19E-05	3.49E-04	1.48E-03
6.75E-04	4.36E-05	3.61E-04	1.54E-03
7.03E-04	4.54E-05	3.74E-04	1.60E-03
7.33E-04	4.74E-05	3.87E-04	1.66E-03
4.38E-04	2.82E-05	2.49E-04	1.04E-03
4.51E-04	2.90E-05	2.56E-04	1.07E-03

4.65E-04	2.99E-05	2.64E-04	1.10E-03
4.80E-04	3.09E-05	2.71E-04	1.13E-03
4.95E-04	3.19E-05	2.79E-04	1.16E-03
5.11E-04	3.29E-05	2.88E-04	1.20E-03
5.29E-04	3.41E-05	2.97E-04	1.24E-03
5.47E-04	3.52E-05	3.07E-04	1.28E-03
5.66E-04	3.65E-05	3.16E-04	1.32E-03
5.87E-04	3.78E-05	3.27E-04	1.37E-03
6.09E-04	3.93E-05	3.37E-04	1.41E-03
6.32E-04	4.08E-05	3.49E-04	1.46E-03
6.57E-04	4.24E-05	3.60E-04	1.51E-03
6.83E-04	4.41E-05	3.73E-04	1.57E-03
7.12E-04	4.60E-05	3.86E-04	1.63E-03
7.42E-04	4.80E-05	3.99E-04	1.69E-03
7.75E-04	5.02E-05	4.14E-04	1.76E-03
4.42E-04	2.85E-05	2.56E-04	1.05E-03
4.56E-04	2.94E-05	2.63E-04	1.09E-03
4.70E-04	3.03E-05	2.71E-04	1.12E-03
4.85E-04	3.12E-05	2.79E-04	1.15E-03
5.00E-04	3.22E-05	2.88E-04	1.19E-03
5.17E-04	3.33E-05	2.97E-04	1.22E-03
5.34E-04	3.44E-05	3.06E-04	1.26E-03
5.53E-04	3.57E-05	3.15E-04	1.30E-03
5.72E-04	3.69E-05	3.26E-04	1.35E-03
5.93E-04	3.83E-05	3.36E-04	1.39E-03
6.15E-04	3.97E-05	3.47E-04	1.44E-03
6.39E-04	4.13E-05	3.59E-04	1.49E-03
6.64E-04	4.29E-05	3.71E-04	1.54E-03
6.90E-04	4.47E-05	3.84E-04	1.60E-03
7.19E-04	4.66E-05	3.98E-04	1.66E-03
7.50E-04	4.86E-05	4.12E-04	1.72E-03
7.83E-04	5.07E-05	4.26E-04	1.79E-03
8.19E-04	5.31E-05	4.42E-04	1.86E-03
4.47E-04	2.88E-05	2.63E-04	1.07E-03
4.60E-04	2.97E-05	2.71E-04	1.11E-03
4.75E-04	3.06E-05	2.79E-04	1.14E-03
4.89E-04	3.16E-05	2.87E-04	1.17E-03
5.05E-04	3.26E-05	2.96E-04	1.21E-03
5.22E-04	3.37E-05	3.05E-04	1.25E-03
5.40E-04	3.48E-05	3.15E-04	1.29E-03
5.58E-04	3.60E-05	3.25E-04	1.33E-03
5.78E-04	3.73E-05	3.35E-04	1.37E-03
5.99E-04	3.87E-05	3.46E-04	1.42E-03
6.21E-04	4.02E-05	3.57E-04	1.47E-03
6.45E-04	4.17E-05	3.69E-04	1.52E-03
6.70E-04	4.34E-05	3.82E-04	1.57E-03
6.97E-04	4.51E-05	3.95E-04	1.63E-03
7.26E-04	4.70E-05	4.09E-04	1.69E-03
7.57E-04	4.91E-05	4.24E-04	1.76E-03
7.90E-04	5.12E-05	4.39E-04	1.82E-03
8.26E-04	5.36E-05	4.55E-04	1.90E-03
8.64E-04	5.61E-05	4.72E-04	1.97E-03
9.06E-04	5.89E-05	4.90E-04	2.06E-03
4.51E-04	2.91E-05	2.70E-04	1.09E-03
4.65E-04	3.00E-05	2.78E-04	1.13E-03

4.79E-04	3.09E-05	2.87E-04	1.16E-03
4.94E-04	3.19E-05	2.95E-04	1.19E-03
5.10E-04	3.29E-05	3.04E-04	1.23E-03
5.27E-04	3.40E-05	3.13E-04	1.27E-03
5.45E-04	3.52E-05	3.23E-04	1.31E-03
5.63E-04	3.64E-05	3.34E-04	1.35E-03
5.83E-04	3.77E-05	3.44E-04	1.40E-03
6.04E-04	3.91E-05	3.55E-04	1.44E-03
6.27E-04	4.06E-05	3.67E-04	1.49E-03
6.50E-04	4.21E-05	3.79E-04	1.54E-03
6.76E-04	4.38E-05	3.93E-04	1.60E-03
7.03E-04	4.56E-05	4.06E-04	1.66E-03
7.32E-04	4.75E-05	4.20E-04	1.72E-03
7.63E-04	4.95E-05	4.35E-04	1.78E-03
7.96E-04	5.17E-05	4.51E-04	1.85E-03
8.31E-04	5.40E-05	4.67E-04	1.93E-03
8.70E-04	5.66E-05	4.85E-04	2.00E-03
9.11E-04	5.93E-05	5.03E-04	2.09E-03
9.56E-04	6.22E-05	5.23E-04	2.18E-03
4.55E-04	2.94E-05	2.77E-04	1.11E-03
4.69E-04	3.02E-05	2.85E-04	1.15E-03
4.83E-04	3.12E-05	2.94E-04	1.18E-03
4.98E-04	3.22E-05	3.03E-04	1.21E-03
5.14E-04	3.32E-05	3.12E-04	1.25E-03
5.31E-04	3.43E-05	3.21E-04	1.29E-03
5.49E-04	3.55E-05	3.31E-04	1.33E-03
5.68E-04	3.68E-05	3.42E-04	1.38E-03
5.88E-04	3.81E-05	3.53E-04	1.42E-03
6.09E-04	3.94E-05	3.65E-04	1.47E-03
6.32E-04	4.09E-05	3.77E-04	1.52E-03
6.55E-04	4.25E-05	3.89E-04	1.57E-03
6.81E-04	4.41E-05	4.02E-04	1.63E-03
7.08E-04	4.59E-05	4.17E-04	1.68E-03
7.37E-04	4.78E-05	4.31E-04	1.75E-03
7.68E-04	4.99E-05	4.46E-04	1.81E-03
8.00E-04	5.20E-05	4.62E-04	1.88E-03
8.36E-04	5.44E-05	4.79E-04	1.95E-03
8.74E-04	5.69E-05	4.97E-04	2.03E-03
9.14E-04	5.96E-05	5.15E-04	2.12E-03
9.58E-04	6.25E-05	5.35E-04	2.20E-03
1.01E-03	6.56E-05	5.56E-04	2.30E-03
4.59E-04	2.96E-05	2.85E-04	1.13E-03
4.73E-04	3.05E-05	2.93E-04	1.16E-03
4.87E-04	3.15E-05	3.01E-04	1.20E-03
5.02E-04	3.25E-05	3.10E-04	1.23E-03
5.19E-04	3.35E-05	3.20E-04	1.27E-03
5.36E-04	3.46E-05	3.30E-04	1.31E-03
5.54E-04	3.58E-05	3.40E-04	1.35E-03
5.73E-04	3.71E-05	3.51E-04	1.40E-03
5.93E-04	3.84E-05	3.62E-04	1.44E-03
6.14E-04	3.98E-05	3.74E-04	1.49E-03
6.36E-04	4.12E-05	3.86E-04	1.54E-03
6.60E-04	4.28E-05	3.99E-04	1.59E-03
6.85E-04	4.45E-05	4.12E-04	1.65E-03
7.12E-04	4.62E-05	4.26E-04	1.71E-03

7.41E-04	4.81E-05	4.42E-04	1.77E-03
7.71E-04	5.02E-05	4.57E-04	1.84E-03
8.04E-04	5.23E-05	4.73E-04	1.91E-03
8.39E-04	5.46E-05	4.90E-04	1.98E-03
8.76E-04	5.71E-05	5.08E-04	2.06E-03
9.16E-04	5.97E-05	5.27E-04	2.14E-03
9.58E-04	6.25E-05	5.47E-04	2.23E-03
1.00E-03	6.56E-05	5.68E-04	2.32E-03
1.05E-03	6.89E-05	5.90E-04	2.42E-03
4.76E-04	3.08E-05	3.00E-04	1.18E-03
4.91E-04	3.17E-05	3.09E-04	1.22E-03
5.06E-04	3.28E-05	3.18E-04	1.25E-03
5.23E-04	3.38E-05	3.27E-04	1.29E-03
5.40E-04	3.49E-05	3.37E-04	1.33E-03
5.58E-04	3.61E-05	3.48E-04	1.37E-03
5.77E-04	3.74E-05	3.59E-04	1.42E-03
5.96E-04	3.87E-05	3.70E-04	1.46E-03
6.17E-04	4.01E-05	3.82E-04	1.51E-03
6.40E-04	4.15E-05	3.95E-04	1.56E-03
6.63E-04	4.31E-05	4.08E-04	1.62E-03
6.88E-04	4.47E-05	4.21E-04	1.67E-03
7.15E-04	4.65E-05	4.35E-04	1.73E-03
7.44E-04	4.84E-05	4.51E-04	1.79E-03
7.74E-04	5.04E-05	4.67E-04	1.86E-03
8.06E-04	5.25E-05	4.83E-04	1.93E-03
8.40E-04	5.48E-05	5.00E-04	2.00E-03
8.76E-04	5.72E-05	5.19E-04	2.08E-03
9.15E-04	5.97E-05	5.38E-04	2.16E-03
9.57E-04	6.25E-05	5.58E-04	2.25E-03
1.00E-03	6.54E-05	5.79E-04	2.34E-03
1.05E-03	6.86E-05	6.02E-04	2.44E-03
1.10E-03	7.20E-05	6.25E-04	2.54E-03
1.15E-03	7.56E-05	6.49E-04	2.65E-03
4.95E-04	3.20E-05	3.15E-04	1.24E-03
5.10E-04	3.30E-05	3.25E-04	1.27E-03
5.26E-04	3.41E-05	3.35E-04	1.31E-03
5.43E-04	3.52E-05	3.45E-04	1.35E-03
5.61E-04	3.64E-05	3.55E-04	1.39E-03
5.80E-04	3.76E-05	3.67E-04	1.44E-03
6.00E-04	3.89E-05	3.79E-04	1.48E-03
6.21E-04	4.03E-05	3.91E-04	1.53E-03
6.43E-04	4.18E-05	4.03E-04	1.58E-03
6.66E-04	4.33E-05	4.16E-04	1.64E-03
6.91E-04	4.50E-05	4.31E-04	1.69E-03
7.18E-04	4.67E-05	4.45E-04	1.75E-03
7.46E-04	4.86E-05	4.60E-04	1.81E-03
7.75E-04	5.05E-05	4.76E-04	1.88E-03
8.07E-04	5.26E-05	4.93E-04	1.95E-03
8.40E-04	5.48E-05	5.11E-04	2.02E-03
8.76E-04	5.72E-05	5.29E-04	2.10E-03
9.14E-04	5.97E-05	5.48E-04	2.18E-03
9.54E-04	6.23E-05	5.69E-04	2.26E-03
9.97E-04	6.52E-05	5.90E-04	2.35E-03
1.04E-03	6.82E-05	6.12E-04	2.45E-03
1.09E-03	7.14E-05	6.36E-04	2.55E-03



5.13E-04	3.33E-05	3.32E-04	1.29E-03
5.29E-04	3.43E-05	3.42E-04	1.33E-03
5.46E-04	3.54E-05	3.52E-04	1.37E-03
5.64E-04	3.66E-05	3.63E-04	1.41E-03
5.83E-04	3.78E-05	3.74E-04	1.46E-03
6.02E-04	3.91E-05	3.86E-04	1.50E-03
6.23E-04	4.05E-05	3.99E-04	1.55E-03
6.46E-04	4.20E-05	4.12E-04	1.60E-03
6.69E-04	4.35E-05	4.25E-04	1.66E-03
6.93E-04	4.51E-05	4.39E-04	1.71E-03
7.19E-04	4.68E-05	4.54E-04	1.77E-03
7.47E-04	4.87E-05	4.69E-04	1.83E-03
7.76E-04	5.06E-05	4.85E-04	1.90E-03
8.07E-04	5.26E-05	5.02E-04	1.97E-03
8.39E-04	5.48E-05	5.20E-04	2.04E-03
8.74E-04	5.71E-05	5.38E-04	2.11E-03
9.10E-04	5.95E-05	5.58E-04	2.19E-03
9.49E-04	6.21E-05	5.78E-04	2.28E-03
9.90E-04	6.48E-05	5.99E-04	2.36E-03
1.03E-03	6.77E-05	6.21E-04	2.46E-03
1.08E-03	7.07E-05	6.45E-04	2.55E-03
5.32E-04	3.45E-05	3.49E-04	1.35E-03
5.49E-04	3.56E-05	3.59E-04	1.39E-03
5.67E-04	3.68E-05	3.70E-04	1.43E-03
5.85E-04	3.80E-05	3.82E-04	1.47E-03
6.05E-04	3.93E-05	3.93E-04	1.52E-03
6.25E-04	4.07E-05	4.06E-04	1.57E-03
6.47E-04	4.21E-05	4.19E-04	1.62E-03
6.70E-04	4.36E-05	4.33E-04	1.67E-03
6.94E-04	4.52E-05	4.47E-04	1.73E-03
7.20E-04	4.69E-05	4.61E-04	1.79E-03
7.47E-04	4.87E-05	4.77E-04	1.85E-03
7.75E-04	5.06E-05	4.94E-04	1.91E-03
8.05E-04	5.26E-05	5.10E-04	1.98E-03
8.37E-04	5.47E-05	5.28E-04	2.05E-03
8.70E-04	5.69E-05	5.46E-04	2.13E-03
9.06E-04	5.92E-05	5.66E-04	2.20E-03
9.43E-04	6.17E-05	5.86E-04	2.29E-03
9.83E-04	6.43E-05	6.08E-04	2.37E-03
1.02E-03	6.70E-05	6.30E-04	2.46E-03
5.51E-04	3.58E-05	3.66E-04	1.40E-03
5.69E-04	3.70E-05	3.77E-04	1.45E-03
5.87E-04	3.82E-05	3.88E-04	1.49E-03
6.06E-04	3.94E-05	4.01E-04	1.54E-03
6.27E-04	4.08E-05	4.13E-04	1.58E-03
6.48E-04	4.22E-05	4.26E-04	1.63E-03
6.71E-04	4.37E-05	4.40E-04	1.69E-03
6.95E-04	4.53E-05	4.54E-04	1.74E-03
7.20E-04	4.69E-05	4.69E-04	1.80E-03
7.46E-04	4.87E-05	4.85E-04	1.86E-03
7.74E-04	5.05E-05	5.01E-04	1.93E-03
8.03E-04	5.24E-05	5.18E-04	1.99E-03
8.34E-04	5.45E-05	5.36E-04	2.06E-03
8.66E-04	5.66E-05	5.54E-04	2.14E-03
9.00E-04	5.88E-05	5.73E-04	2.21E-03

9.36E-04	6.12E-05	5.94E-04	2.29E-03
9.74E-04	6.37E-05	6.15E-04	2.38E-03
5.89E-04	3.83E-05	3.95E-04	1.50E-03
6.08E-04	3.96E-05	4.07E-04	1.55E-03
6.28E-04	4.09E-05	4.20E-04	1.60E-03
6.49E-04	4.23E-05	4.33E-04	1.65E-03
6.71E-04	4.37E-05	4.47E-04	1.70E-03
6.94E-04	4.53E-05	4.61E-04	1.76E-03
7.19E-04	4.69E-05	4.76E-04	1.81E-03
7.44E-04	4.86E-05	4.91E-04	1.87E-03
7.71E-04	5.04E-05	5.08E-04	1.94E-03
8.00E-04	5.22E-05	5.25E-04	2.00E-03
8.29E-04	5.42E-05	5.42E-04	2.07E-03
8.60E-04	5.63E-05	5.61E-04	2.14E-03
8.93E-04	5.84E-05	5.80E-04	2.22E-03
9.27E-04	6.07E-05	6.00E-04	2.30E-03
9.64E-04	6.31E-05	6.21E-04	2.38E-03
6.08E-04	3.96E-05	4.13E-04	1.56E-03
6.28E-04	4.09E-05	4.26E-04	1.61E-03
6.49E-04	4.23E-05	4.39E-04	1.66E-03
6.70E-04	4.37E-05	4.53E-04	1.71E-03
6.93E-04	4.52E-05	4.67E-04	1.77E-03
7.17E-04	4.68E-05	4.82E-04	1.82E-03
7.42E-04	4.85E-05	4.98E-04	1.88E-03
7.68E-04	5.02E-05	5.14E-04	1.95E-03
7.95E-04	5.20E-05	5.31E-04	2.01E-03
8.24E-04	5.39E-05	5.48E-04	2.08E-03
8.54E-04	5.58E-05	5.67E-04	2.15E-03
8.85E-04	5.79E-05	5.86E-04	2.22E-03
9.18E-04	6.01E-05	6.06E-04	2.30E-03
6.28E-04	4.09E-05	4.32E-04	1.62E-03
6.48E-04	4.23E-05	4.45E-04	1.67E-03
6.69E-04	4.37E-05	4.59E-04	1.72E-03
6.91E-04	4.51E-05	4.73E-04	1.78E-03
7.15E-04	4.67E-05	4.88E-04	1.83E-03
7.39E-04	4.83E-05	5.03E-04	1.89E-03
7.64E-04	4.99E-05	5.19E-04	1.95E-03
7.90E-04	5.17E-05	5.36E-04	2.01E-03
8.18E-04	5.35E-05	5.53E-04	2.08E-03
8.47E-04	5.54E-05	5.72E-04	2.15E-03
8.77E-04	5.74E-05	5.90E-04	2.22E-03
6.47E-04	4.22E-05	4.50E-04	1.68E-03
6.67E-04	4.36E-05	4.64E-04	1.73E-03
6.89E-04	4.50E-05	4.78E-04	1.78E-03
7.11E-04	4.65E-05	4.93E-04	1.84E-03
7.35E-04	4.80E-05	5.08E-04	1.90E-03
7.59E-04	4.96E-05	5.24E-04	1.95E-03
7.85E-04	5.13E-05	5.40E-04	2.02E-03
8.11E-04	5.31E-05	5.58E-04	2.08E-03
8.39E-04	5.49E-05	5.76E-04	2.15E-03
8.68E-04	5.68E-05	5.94E-04	2.22E-03
6.65E-04	4.34E-05	4.68E-04	1.74E-03
6.86E-04	4.48E-05	4.82E-04	1.79E-03
7.08E-04	4.63E-05	4.97E-04	1.84E-03
7.30E-04	4.77E-05	5.12E-04	1.90E-03

7.54E-04	4.93E-05	5.28E-04	1.96E-03
7.79E-04	5.09E-05	5.44E-04	2.02E-03
8.04E-04	5.26E-05	5.61E-04	2.08E-03
8.31E-04	5.44E-05	5.79E-04	2.14E-03
7.03E-04	4.60E-05	5.00E-04	1.84E-03
7.25E-04	4.74E-05	5.15E-04	1.90E-03
7.48E-04	4.89E-05	5.31E-04	1.96E-03
7.72E-04	5.05E-05	5.47E-04	2.01E-03
7.97E-04	5.21E-05	5.64E-04	2.08E-03
7.20E-04	4.71E-05	5.18E-04	1.90E-03
7.42E-04	4.85E-05	5.34E-04	1.95E-03
7.65E-04	5.00E-05	5.49E-04	2.01E-03
7.89E-04	5.16E-05	5.66E-04	2.07E-03
7.36E-04	4.81E-05	5.35E-04	1.95E-03
7.58E-04	4.96E-05	5.51E-04	2.01E-03
4.37E-03	2.88E-04	1.10E-02	3.68E-02
6.01E-03	4.18E-04	7.34E-03	2.89E-02
1.28E-02	9.29E-04	1.57E-02	6.63E-02
5.29E-03	3.48E-04	7.73E-03	2.92E-02

<b>Exceeds Threshold</b>
No

Cumulative PM2.5 Analysis

		AERMOD Concentrations (ug/m <sup>3</sup> @ 1g/s)				
X	Y	OFFROAD	HAUL	LD	SHREDDER	OFFROAD
600517	4129595	2.584	2.161	2.158	2.822	5.52E-04
600527	4129595	2.763	2.171	2.168	2.977	5.90E-04
600537	4129595	2.945	2.181	2.178	3.128	6.29E-04
600547	4129595	3.129	2.189	2.185	3.277	6.69E-04
600557	4129595	3.319	2.198	2.193	3.430	7.10E-04
600567	4129595	3.509	2.205	2.199	3.573	7.50E-04
600457	4129605	1.738	2.156	2.155	2.042	3.71E-04
600467	4129605	1.875	2.171	2.170	2.183	4.01E-04
600477	4129605	2.023	2.186	2.184	2.327	4.32E-04
600487	4129605	2.179	2.199	2.198	2.480	4.66E-04
600497	4129605	2.346	2.213	2.211	2.635	5.01E-04
600507	4129605	2.522	2.226	2.224	2.794	5.39E-04
600517	4129605	2.706	2.239	2.236	2.958	5.78E-04
600527	4129605	2.896	2.250	2.247	3.121	6.19E-04
600537	4129605	3.089	2.260	2.256	3.283	6.60E-04
600547	4129605	3.292	2.271	2.266	3.443	7.04E-04
600557	4129605	3.493	2.279	2.274	3.602	7.47E-04
600567	4129605	3.697	2.287	2.281	3.757	7.90E-04
600577	4129605	3.904	2.296	2.289	3.911	8.34E-04
600587	4129605	4.108	2.304	2.296	4.057	8.78E-04
600597	4129605	4.307	2.311	2.301	4.197	9.21E-04
600607	4129605	4.496	2.315	2.305	4.327	9.61E-04
600617	4129605	4.679	2.320	2.308	4.445	1.00E-03
600627	4129605	4.856	2.325	2.312	4.559	1.04E-03
600417	4129615	1.319	2.164	2.163	1.599	2.82E-04
600427	4129615	1.424	2.182	2.181	1.719	3.04E-04
600437	4129615	1.539	2.199	2.199	1.848	3.29E-04
600447	4129615	1.665	2.217	2.216	1.983	3.56E-04
600457	4129615	1.801	2.233	2.232	2.127	3.85E-04
600467	4129615	1.947	2.248	2.247	2.276	4.16E-04
600477	4129615	2.103	2.264	2.262	2.428	4.50E-04
600487	4129615	2.271	2.278	2.277	2.592	4.85E-04
600497	4129615	2.449	2.293	2.291	2.757	5.23E-04
600507	4129615	2.638	2.308	2.305	2.929	5.64E-04
600517	4129615	2.837	2.322	2.319	3.103	6.06E-04
600527	4129615	3.038	2.333	2.329	3.274	6.49E-04
600537	4129615	3.251	2.346	2.341	3.452	6.95E-04
600547	4129615	3.464	2.356	2.350	3.619	7.40E-04
600557	4129615	3.682	2.366	2.359	3.789	7.87E-04
600567	4129615	3.903	2.376	2.369	3.957	8.34E-04
600577	4129615	4.126	2.386	2.377	4.119	8.82E-04
600587	4129615	4.342	2.393	2.384	4.272	9.28E-04
600597	4129615	4.557	2.402	2.391	4.419	9.74E-04
600607	4129615	4.762	2.408	2.396	4.556	1.02E-03
600617	4129615	4.950	2.411	2.399	4.678	1.06E-03
600627	4129615	5.137	2.417	2.403	4.794	1.10E-03
600637	4129615	5.313	2.421	2.406	4.902	1.14E-03
600647	4129615	5.474	2.425	2.408	5.002	1.17E-03
600657	4129615	5.623	2.428	2.410	5.087	1.20E-03
600397	4129625	1.165	2.197	2.196	1.423	2.49E-04
600407	4129625	1.255	2.218	2.217	1.535	2.68E-04

600417	4129625	1.356	2.238	2.238	1.652	2.90E-04
600427	4129625	1.467	2.258	2.257	1.781	3.14E-04
600437	4129625	1.589	2.277	2.276	1.917	3.40E-04
600447	4129625	1.721	2.295	2.294	2.061	3.68E-04
600457	4129625	1.867	2.314	2.313	2.216	3.99E-04
600467	4129625	2.023	2.331	2.330	2.375	4.32E-04
600477	4129625	2.189	2.346	2.345	2.537	4.68E-04
600487	4129625	2.368	2.362	2.361	2.713	5.06E-04
600497	4129625	2.562	2.379	2.377	2.892	5.48E-04
600507	4129625	2.764	2.395	2.392	3.075	5.91E-04
600517	4129625	2.973	2.408	2.405	3.255	6.35E-04
600527	4129625	3.195	2.423	2.419	3.443	6.83E-04
600537	4129625	3.421	2.435	2.430	3.630	7.31E-04
600547	4129625	3.652	2.447	2.441	3.811	7.81E-04
600557	4129625	3.889	2.459	2.452	3.992	8.31E-04
600567	4129625	4.128	2.470	2.462	4.170	8.82E-04
600577	4129625	4.362	2.479	2.470	4.338	9.32E-04
600587	4129625	4.598	2.489	2.479	4.503	9.83E-04
600597	4129625	4.826	2.498	2.486	4.656	1.03E-03
600607	4129625	5.048	2.506	2.493	4.803	1.08E-03
600617	4129625	5.255	2.512	2.498	4.936	1.12E-03
600627	4129625	5.443	2.516	2.500	5.051	1.16E-03
600637	4129625	5.627	2.520	2.504	5.159	1.20E-03
600647	4129625	5.793	2.524	2.506	5.255	1.24E-03
600657	4129625	5.950	2.527	2.509	5.344	1.27E-03
600667	4129625	6.091	2.531	2.511	5.422	1.30E-03
600677	4129625	6.213	2.532	2.512	5.485	1.33E-03
600687	4129625	6.323	2.533	2.512	5.543	1.35E-03
600377	4129635	1.034	2.229	2.228	1.259	2.21E-04
600387	4129635	1.110	2.251	2.250	1.358	2.37E-04
600397	4129635	1.194	2.273	2.272	1.467	2.55E-04
600407	4129635	1.289	2.294	2.294	1.584	2.76E-04
600417	4129635	1.394	2.316	2.315	1.708	2.98E-04
600427	4129635	1.511	2.338	2.337	1.845	3.23E-04
600437	4129635	1.640	2.358	2.358	1.992	3.51E-04
600447	4129635	1.781	2.378	2.378	2.145	3.81E-04
600457	4129635	1.935	2.398	2.397	2.309	4.14E-04
600467	4129635	2.102	2.417	2.416	2.480	4.49E-04
600477	4129635	2.282	2.435	2.434	2.655	4.88E-04
600487	4129635	2.474	2.452	2.450	2.844	5.29E-04
600497	4129635	2.680	2.470	2.468	3.035	5.73E-04
600507	4129635	2.896	2.486	2.483	3.230	6.19E-04
600517	4129635	3.125	2.502	2.498	3.427	6.68E-04
600527	4129635	3.362	2.517	2.513	3.624	7.19E-04
600537	4129635	3.606	2.531	2.525	3.824	7.71E-04
600547	4129635	3.858	2.545	2.538	4.021	8.25E-04
600557	4129635	4.115	2.558	2.551	4.213	8.80E-04
600567	4129635	4.370	2.570	2.561	4.401	9.34E-04
600577	4129635	4.625	2.581	2.571	4.579	9.89E-04
600587	4129635	4.875	2.591	2.580	4.750	1.04E-03
600597	4129635	5.118	2.600	2.588	4.913	1.09E-03
600607	4129635	5.356	2.610	2.596	5.065	1.14E-03
600617	4129635	5.576	2.617	2.602	5.201	1.19E-03
600627	4129635	5.782	2.623	2.606	5.325	1.24E-03
600637	4129635	5.971	2.627	2.610	5.436	1.28E-03

600647	4129635	6.144	2.631	2.612	5.534	1.31E-03
600657	4129635	6.305	2.635	2.615	5.621	1.35E-03
600667	4129635	6.448	2.637	2.617	5.698	1.38E-03
600677	4129635	6.577	2.640	2.619	5.761	1.41E-03
600687	4129635	6.688	2.642	2.620	5.816	1.43E-03
600697	4129635	6.783	2.643	2.620	5.860	1.45E-03
600707	4129635	6.861	2.642	2.619	5.893	1.47E-03
600357	4129645	0.929	2.258	2.257	1.112	1.99E-04
600367	4129645	0.990	2.282	2.281	1.198	2.12E-04
600377	4129645	1.060	2.305	2.305	1.293	2.26E-04
600387	4129645	1.138	2.329	2.328	1.397	2.43E-04
600397	4129645	1.226	2.352	2.352	1.511	2.62E-04
600407	4129645	1.324	2.375	2.375	1.634	2.83E-04
600417	4129645	1.434	2.398	2.398	1.767	3.07E-04
600427	4129645	1.556	2.421	2.420	1.913	3.33E-04
600437	4129645	1.693	2.444	2.443	2.069	3.62E-04
600447	4129645	1.843	2.466	2.465	2.233	3.94E-04
600457	4129645	2.008	2.488	2.487	2.409	4.29E-04
600467	4129645	2.185	2.508	2.506	2.591	4.67E-04
600477	4129645	2.378	2.528	2.526	2.780	5.08E-04
600487	4129645	2.585	2.547	2.545	2.984	5.53E-04
600497	4129645	2.804	2.565	2.562	3.185	5.99E-04
600507	4129645	3.039	2.583	2.580	3.396	6.50E-04
600517	4129645	3.287	2.602	2.597	3.612	7.03E-04
600527	4129645	3.543	2.618	2.612	3.820	7.57E-04
600537	4129645	3.808	2.633	2.627	4.034	8.14E-04
600547	4129645	4.084	2.650	2.643	4.249	8.73E-04
600557	4129645	4.360	2.664	2.656	4.453	9.32E-04
600567	4129645	4.636	2.677	2.668	4.651	9.91E-04
600577	4129645	4.909	2.689	2.678	4.842	1.05E-03
600587	4129645	5.179	2.701	2.688	5.020	1.11E-03
600597	4129645	5.441	2.712	2.698	5.189	1.16E-03
600607	4129645	5.691	2.721	2.706	5.349	1.22E-03
600617	4129645	5.928	2.730	2.713	5.491	1.27E-03
600627	4129645	6.143	2.736	2.718	5.617	1.31E-03
600637	4129645	6.346	2.742	2.723	5.732	1.36E-03
600647	4129645	6.533	2.748	2.728	5.836	1.40E-03
600657	4129645	6.693	2.751	2.730	5.920	1.43E-03
600667	4129645	6.839	2.753	2.732	5.994	1.46E-03
600677	4129645	6.970	2.756	2.734	6.058	1.49E-03
600687	4129645	7.084	2.759	2.736	6.110	1.51E-03
600697	4129645	7.177	2.759	2.736	6.151	1.53E-03
600707	4129645	7.258	2.760	2.736	6.184	1.55E-03
600717	4129645	7.327	2.761	2.737	6.209	1.57E-03
600727	4129645	7.370	2.758	2.733	6.221	1.58E-03
600347	4129655	0.897	2.310	2.309	1.059	1.92E-04
600357	4129655	0.952	2.336	2.335	1.139	2.03E-04
600367	4129655	1.015	2.361	2.361	1.228	2.17E-04
600377	4129655	1.086	2.387	2.386	1.328	2.32E-04
600387	4129655	1.167	2.412	2.411	1.437	2.49E-04
600397	4129655	1.258	2.437	2.436	1.558	2.69E-04
600407	4129655	1.360	2.461	2.461	1.687	2.91E-04
600417	4129655	1.476	2.486	2.485	1.830	3.15E-04
600427	4129655	1.604	2.509	2.509	1.984	3.43E-04
600437	4129655	1.748	2.534	2.533	2.149	3.74E-04

600447	4129655	1.908	2.559	2.558	2.326	4.08E-04
600457	4129655	2.083	2.583	2.581	2.515	4.45E-04
600467	4129655	2.275	2.606	2.604	2.712	4.86E-04
600477	4129655	2.481	2.627	2.624	2.914	5.30E-04
600487	4129655	2.703	2.648	2.645	3.131	5.78E-04
600497	4129655	2.941	2.668	2.664	3.351	6.29E-04
600507	4129655	3.197	2.689	2.685	3.580	6.83E-04
600517	4129655	3.463	2.708	2.703	3.810	7.40E-04
600527	4129655	3.740	2.726	2.720	4.035	7.99E-04
600537	4129655	4.032	2.745	2.738	4.266	8.62E-04
600547	4129655	4.330	2.763	2.754	4.495	9.26E-04
600557	4129655	4.631	2.779	2.769	4.715	9.90E-04
600567	4129655	4.930	2.793	2.782	4.925	1.05E-03
600577	4129655	5.226	2.807	2.795	5.128	1.12E-03
600587	4129655	5.513	2.819	2.805	5.315	1.18E-03
600597	4129655	5.794	2.831	2.816	5.491	1.24E-03
600607	4129655	6.062	2.842	2.825	5.654	1.30E-03
600617	4129655	6.315	2.852	2.834	5.805	1.35E-03
600627	4129655	6.544	2.859	2.840	5.936	1.40E-03
600637	4129655	6.759	2.866	2.846	6.055	1.44E-03
600647	4129655	6.956	2.873	2.852	6.158	1.49E-03
600657	4129655	7.125	2.877	2.856	6.245	1.52E-03
600667	4129655	7.265	2.878	2.856	6.313	1.55E-03
600677	4129655	7.398	2.881	2.858	6.375	1.58E-03
600687	4129655	7.513	2.884	2.860	6.424	1.61E-03
600697	4129655	7.609	2.886	2.862	6.465	1.63E-03
600707	4129655	7.693	2.888	2.863	6.498	1.64E-03
600717	4129655	7.747	2.885	2.861	6.515	1.66E-03
600727	4129655	7.792	2.884	2.859	6.523	1.67E-03
600737	4129655	7.823	2.881	2.855	6.528	1.67E-03
600747	4129655	7.845	2.878	2.852	6.525	1.68E-03
600327	4129665	0.829	2.342	2.341	0.943	1.77E-04
600337	4129665	0.872	2.367	2.367	1.010	1.86E-04
600347	4129665	0.920	2.392	2.391	1.083	1.97E-04
600357	4129665	0.976	2.418	2.418	1.167	2.09E-04
600367	4129665	1.041	2.446	2.445	1.261	2.22E-04
600377	4129665	1.114	2.473	2.472	1.365	2.38E-04
600387	4129665	1.197	2.499	2.499	1.479	2.56E-04
600397	4129665	1.292	2.526	2.525	1.605	2.76E-04
600407	4129665	1.398	2.552	2.551	1.743	2.99E-04
600417	4129665	1.519	2.578	2.578	1.896	3.25E-04
600427	4129665	1.656	2.606	2.606	2.062	3.54E-04
600437	4129665	1.809	2.633	2.632	2.238	3.87E-04
600447	4129665	1.978	2.659	2.657	2.427	4.23E-04
600457	4129665	2.164	2.683	2.682	2.629	4.62E-04
600467	4129665	2.369	2.709	2.707	2.840	5.06E-04
600477	4129665	2.592	2.733	2.731	3.061	5.54E-04
600487	4129665	2.833	2.757	2.753	3.295	6.06E-04
600497	4129665	3.090	2.779	2.775	3.534	6.61E-04
600507	4129665	3.363	2.800	2.796	3.775	7.19E-04
600517	4129665	3.652	2.821	2.815	4.021	7.81E-04
600527	4129665	3.959	2.843	2.836	4.272	8.46E-04
600537	4129665	4.275	2.864	2.856	4.519	9.14E-04
600547	4129665	4.596	2.882	2.873	4.761	9.82E-04
600557	4129665	4.923	2.900	2.890	4.996	1.05E-03



600567	4129665	5.250	2.918	2.905	5.220	1.12E-03
600577	4129665	5.574	2.934	2.920	5.437	1.19E-03
600587	4129665	5.886	2.948	2.933	5.639	1.26E-03
600597	4129665	6.186	2.961	2.944	5.823	1.32E-03
600607	4129665	6.472	2.972	2.955	5.991	1.38E-03
600617	4129665	6.738	2.983	2.964	6.143	1.44E-03
600627	4129665	6.978	2.990	2.970	6.275	1.49E-03
600637	4129665	7.207	2.999	2.979	6.400	1.54E-03
600647	4129665	7.415	3.008	2.986	6.508	1.58E-03
600657	4129665	7.598	3.014	2.992	6.599	1.62E-03
600667	4129665	7.744	3.016	2.993	6.662	1.66E-03
600677	4129665	7.865	3.016	2.993	6.715	1.68E-03
600687	4129665	7.983	3.020	2.996	6.767	1.71E-03
600697	4129665	8.083	3.023	2.999	6.805	1.73E-03
600707	4129665	8.153	3.022	2.997	6.827	1.74E-03
600717	4129665	8.205	3.019	2.995	6.839	1.75E-03
600727	4129665	8.249	3.018	2.993	6.850	1.76E-03
600737	4129665	8.278	3.016	2.990	6.848	1.77E-03
600747	4129665	8.296	3.013	2.987	6.844	1.77E-03
600757	4129665	8.304	3.010	2.984	6.835	1.77E-03
600317	4129675	0.816	2.397	2.396	0.903	1.74E-04
600327	4129675	0.854	2.425	2.425	0.965	1.83E-04
600337	4129675	0.897	2.453	2.453	1.034	1.92E-04
600347	4129675	0.947	2.481	2.480	1.110	2.02E-04
600357	4129675	1.004	2.508	2.507	1.196	2.14E-04
600367	4129675	1.069	2.536	2.535	1.293	2.28E-04
600377	4129675	1.144	2.565	2.564	1.401	2.45E-04
600387	4129675	1.230	2.593	2.592	1.522	2.63E-04
600397	4129675	1.327	2.620	2.620	1.655	2.84E-04
600407	4129675	1.438	2.648	2.647	1.803	3.07E-04
600417	4129675	1.566	2.678	2.677	1.966	3.35E-04
600427	4129675	1.711	2.709	2.709	2.144	3.66E-04
600437	4129675	1.872	2.737	2.736	2.332	4.00E-04
600447	4129675	2.051	2.765	2.764	2.535	4.38E-04
600457	4129675	2.250	2.792	2.790	2.751	4.81E-04
600467	4129675	2.467	2.818	2.815	2.976	5.27E-04
600477	4129675	2.709	2.845	2.842	3.216	5.79E-04
600487	4129675	2.969	2.871	2.867	3.469	6.35E-04
600497	4129675	3.246	2.895	2.891	3.725	6.94E-04
600507	4129675	3.544	2.920	2.914	3.986	7.57E-04
600517	4129675	3.861	2.944	2.938	4.256	8.25E-04
600527	4129675	4.197	2.969	2.961	4.529	8.97E-04
600537	4129675	4.537	2.990	2.981	4.791	9.70E-04
600547	4129675	4.889	3.012	3.001	5.051	1.05E-03
600557	4129675	5.246	3.032	3.020	5.304	1.12E-03
600567	4129675	5.601	3.051	3.038	5.544	1.20E-03
600577	4129675	5.953	3.069	3.055	5.772	1.27E-03
600587	4129675	6.296	3.086	3.070	5.987	1.35E-03
600597	4129675	6.619	3.101	3.083	6.182	1.41E-03
600607	4129675	6.920	3.113	3.094	6.356	1.48E-03
600617	4129675	7.202	3.124	3.104	6.511	1.54E-03
600627	4129675	7.452	3.132	3.111	6.642	1.59E-03
600637	4129675	7.698	3.143	3.122	6.769	1.65E-03
600647	4129675	7.915	3.152	3.130	6.878	1.69E-03
600657	4129675	8.098	3.158	3.135	6.966	1.73E-03

600667	4129675	8.254	3.162	3.138	7.034	1.76E-03
600677	4129675	8.379	3.163	3.139	7.084	1.79E-03
600687	4129675	8.499	3.167	3.143	7.133	1.82E-03
600697	4129675	8.591	3.168	3.144	7.165	1.84E-03
600707	4129675	8.657	3.167	3.142	7.183	1.85E-03
600717	4129675	8.708	3.165	3.140	7.193	1.86E-03
600727	4129675	8.748	3.164	3.139	7.197	1.87E-03
600737	4129675	8.774	3.162	3.136	7.195	1.88E-03
600747	4129675	8.787	3.158	3.133	7.187	1.88E-03
600757	4129675	8.789	3.155	3.129	7.173	1.88E-03
600767	4129675	8.781	3.150	3.124	7.156	1.88E-03
600297	4129685	0.780	2.421	2.421	0.822	1.67E-04
600307	4129685	0.809	2.451	2.451	0.870	1.73E-04
600317	4129685	0.843	2.482	2.482	0.925	1.80E-04
600327	4129685	0.881	2.513	2.513	0.987	1.88E-04
600337	4129685	0.925	2.544	2.543	1.057	1.98E-04
600347	4129685	0.975	2.573	2.573	1.137	2.08E-04
600357	4129685	1.033	2.603	2.603	1.228	2.21E-04
600367	4129685	1.100	2.634	2.633	1.328	2.35E-04
600377	4129685	1.177	2.663	2.663	1.442	2.51E-04
600387	4129685	1.264	2.691	2.691	1.569	2.70E-04
600397	4129685	1.364	2.720	2.720	1.709	2.92E-04
600407	4129685	1.481	2.752	2.751	1.866	3.17E-04
600417	4129685	1.616	2.786	2.786	2.041	3.46E-04
600427	4129685	1.768	2.818	2.817	2.230	3.78E-04
600437	4129685	1.937	2.847	2.846	2.430	4.14E-04
600447	4129685	2.128	2.877	2.876	2.650	4.55E-04
600457	4129685	2.340	2.907	2.905	2.882	5.00E-04
600467	4129685	2.573	2.935	2.932	3.125	5.50E-04
600477	4129685	2.833	2.965	2.962	3.384	6.05E-04
600487	4129685	3.112	2.993	2.988	3.656	6.65E-04
600497	4129685	3.414	3.020	3.015	3.933	7.30E-04
600507	4129685	3.743	3.049	3.043	4.220	8.00E-04
600517	4129685	4.092	3.077	3.070	4.515	8.75E-04
600527	4129685	4.451	3.102	3.093	4.803	9.51E-04
600537	4129685	4.826	3.127	3.117	5.089	1.03E-03
600547	4129685	5.212	3.151	3.140	5.369	1.11E-03
600557	4129685	5.600	3.174	3.161	5.638	1.20E-03
600567	4129685	5.989	3.195	3.181	5.898	1.28E-03
600577	4129685	6.371	3.216	3.200	6.139	1.36E-03
600587	4129685	6.744	3.235	3.218	6.366	1.44E-03
600597	4129685	7.096	3.252	3.234	6.570	1.52E-03
600607	4129685	7.422	3.266	3.247	6.751	1.59E-03
600617	4129685	7.721	3.279	3.258	6.914	1.65E-03
600627	4129685	7.989	3.288	3.267	7.052	1.71E-03
600637	4129685	8.241	3.299	3.277	7.176	1.76E-03
600647	4129685	8.467	3.309	3.287	7.283	1.81E-03
600657	4129685	8.656	3.316	3.293	7.366	1.85E-03
600667	4129685	8.812	3.319	3.296	7.432	1.88E-03
600677	4129685	8.944	3.322	3.298	7.483	1.91E-03
600687	4129685	9.060	3.326	3.302	7.526	1.94E-03
600697	4129685	9.146	3.326	3.302	7.552	1.95E-03
600707	4129685	9.212	3.325	3.301	7.568	1.97E-03
600717	4129685	9.260	3.324	3.299	7.575	1.98E-03
600727	4129685	9.294	3.322	3.297	7.575	1.99E-03

600737	4129685	9.314	3.319	3.294	7.569	1.99E-03
600747	4129685	9.321	3.315	3.290	7.556	1.99E-03
600757	4129685	9.317	3.311	3.285	7.539	1.99E-03
600767	4129685	9.303	3.306	3.280	7.513	1.99E-03
600777	4129685	9.278	3.299	3.273	7.492	1.98E-03
600787	4129685	9.246	3.292	3.266	7.458	1.98E-03
600287	4129695	0.784	2.475	2.475	0.799	1.68E-04
600297	4129695	0.810	2.508	2.508	0.843	1.73E-04
600307	4129695	0.839	2.540	2.540	0.890	1.79E-04
600317	4129695	0.872	2.572	2.572	0.944	1.86E-04
600327	4129695	0.910	2.605	2.605	1.009	1.95E-04
600337	4129695	0.955	2.639	2.638	1.082	2.04E-04
600347	4129695	1.006	2.670	2.670	1.164	2.15E-04
600357	4129695	1.065	2.703	2.703	1.258	2.28E-04
600367	4129695	1.133	2.735	2.735	1.364	2.42E-04
600377	4129695	1.211	2.767	2.767	1.483	2.59E-04
600387	4129695	1.299	2.794	2.794	1.613	2.78E-04
600397	4129695	1.404	2.827	2.826	1.763	3.00E-04
600407	4129695	1.527	2.864	2.863	1.933	3.26E-04
600417	4129695	1.667	2.898	2.897	2.117	3.56E-04
600427	4129695	1.826	2.931	2.930	2.318	3.90E-04
600437	4129695	2.006	2.965	2.963	2.535	4.29E-04
600447	4129695	2.208	2.997	2.995	2.771	4.72E-04
600457	4129695	2.432	3.027	3.025	3.019	5.20E-04
600467	4129695	2.685	3.060	3.057	3.284	5.74E-04
600477	4129695	2.964	3.093	3.088	3.564	6.34E-04
600487	4129695	3.266	3.123	3.118	3.858	6.98E-04
600497	4129695	3.598	3.156	3.149	4.164	7.69E-04
600507	4129695	3.960	3.189	3.181	4.478	8.46E-04
600517	4129695	4.335	3.218	3.209	4.791	9.27E-04
600527	4129695	4.733	3.247	3.237	5.106	1.01E-03
600537	4129695	5.146	3.275	3.264	5.417	1.10E-03
600547	4129695	5.568	3.302	3.290	5.717	1.19E-03
600557	4129695	5.993	3.328	3.314	6.005	1.28E-03
600567	4129695	6.420	3.352	3.337	6.282	1.37E-03
600577	4129695	6.835	3.375	3.358	6.539	1.46E-03
600587	4129695	7.240	3.396	3.378	6.778	1.55E-03
600597	4129695	7.619	3.415	3.396	6.993	1.63E-03
600607	4129695	7.972	3.432	3.412	7.182	1.70E-03
600617	4129695	8.294	3.446	3.425	7.348	1.77E-03
600627	4129695	8.586	3.459	3.437	7.492	1.84E-03
600637	4129695	8.842	3.469	3.447	7.614	1.89E-03
600647	4129695	9.076	3.480	3.457	7.721	1.94E-03
600657	4129695	9.274	3.488	3.465	7.804	1.98E-03
600667	4129695	9.426	3.490	3.467	7.861	2.01E-03
600677	4129695	9.566	3.495	3.472	7.916	2.04E-03
600687	4129695	9.676	3.497	3.474	7.952	2.07E-03
600697	4129695	9.757	3.497	3.474	7.973	2.09E-03
600707	4129695	9.821	3.497	3.473	7.984	2.10E-03
600717	4129695	9.864	3.495	3.471	7.986	2.11E-03
600727	4129695	9.891	3.492	3.468	7.982	2.11E-03
600737	4129695	9.904	3.489	3.464	7.972	2.12E-03
600747	4129695	9.905	3.485	3.459	7.955	2.12E-03
600757	4129695	9.892	3.479	3.454	7.930	2.11E-03
600767	4129695	9.870	3.473	3.448	7.908	2.11E-03

600777	4129695	9.837	3.466	3.440	7.874	2.10E-03
600787	4129695	9.797	3.458	3.433	7.840	2.09E-03
600797	4129695	9.749	3.450	3.424	7.804	2.08E-03
600277	4129705	0.795	2.532	2.533	0.785	1.70E-04
600287	4129705	0.817	2.565	2.566	0.821	1.75E-04
600297	4129705	0.842	2.599	2.599	0.863	1.80E-04
600307	4129705	0.871	2.633	2.634	0.912	1.86E-04
600317	4129705	0.905	2.668	2.668	0.968	1.93E-04
600327	4129705	0.943	2.703	2.703	1.034	2.02E-04
600337	4129705	0.987	2.737	2.737	1.107	2.11E-04
600347	4129705	1.039	2.773	2.773	1.192	2.22E-04
600357	4129705	1.098	2.807	2.807	1.290	2.35E-04
600367	4129705	1.168	2.842	2.842	1.401	2.50E-04
600377	4129705	1.248	2.876	2.876	1.525	2.67E-04
600387	4129705	1.341	2.911	2.910	1.665	2.87E-04
600397	4129705	1.448	2.944	2.943	1.823	3.10E-04
600407	4129705	1.575	2.981	2.980	2.002	3.37E-04
600417	4129705	1.719	3.016	3.015	2.197	3.67E-04
600427	4129705	1.886	3.052	3.050	2.410	4.03E-04
600437	4129705	2.076	3.088	3.086	2.645	4.44E-04
600447	4129705	2.289	3.122	3.120	2.897	4.89E-04
600457	4129705	2.530	3.157	3.153	3.166	5.41E-04
600467	4129705	2.803	3.194	3.190	3.456	5.99E-04
600477	4129705	3.103	3.229	3.223	3.758	6.63E-04
600487	4129705	3.433	3.264	3.258	4.080	7.34E-04
600497	4129705	3.803	3.303	3.296	4.423	8.13E-04
600507	4129705	4.193	3.338	3.329	4.760	8.96E-04
600517	4129705	4.609	3.372	3.362	5.101	9.85E-04
600527	4129705	5.045	3.405	3.393	5.441	1.08E-03
600537	4129705	5.499	3.436	3.424	5.778	1.18E-03
600547	4129705	5.964	3.467	3.453	6.105	1.27E-03
600557	4129705	6.433	3.495	3.480	6.413	1.38E-03
600567	4129705	6.901	3.523	3.507	6.707	1.47E-03
600577	4129705	7.352	3.548	3.530	6.977	1.57E-03
600587	4129705	7.789	3.571	3.553	7.226	1.66E-03
600597	4129705	8.199	3.592	3.573	7.449	1.75E-03
600607	4129705	8.582	3.612	3.591	7.651	1.83E-03
600617	4129705	8.932	3.629	3.608	7.825	1.91E-03
600627	4129705	9.247	3.644	3.623	7.974	1.98E-03
600637	4129705	9.516	3.656	3.634	8.096	2.03E-03
600647	4129705	9.753	3.666	3.644	8.195	2.08E-03
600657	4129705	9.943	3.671	3.649	8.273	2.13E-03
600667	4129705	10.113	3.678	3.656	8.336	2.16E-03
600677	4129705	10.247	3.682	3.659	8.379	2.19E-03
600687	4129705	10.355	3.684	3.662	8.410	2.21E-03
600697	4129705	10.433	3.684	3.661	8.429	2.23E-03
600707	4129705	10.489	3.682	3.659	8.435	2.24E-03
600717	4129705	10.525	3.680	3.656	8.433	2.25E-03
600727	4129705	10.546	3.677	3.653	8.421	2.25E-03
600737	4129705	10.552	3.673	3.649	8.407	2.26E-03
600747	4129705	10.544	3.668	3.643	8.384	2.25E-03
600757	4129705	10.522	3.662	3.637	8.361	2.25E-03
600767	4129705	10.489	3.654	3.629	8.327	2.24E-03
600777	4129705	10.447	3.646	3.621	8.290	2.23E-03
600787	4129705	10.396	3.637	3.613	8.252	2.22E-03

600797	4129705	10.337	3.628	3.604	8.209	2.21E-03
600807	4129705	10.271	3.617	3.594	8.164	2.20E-03
600267	4129715	0.811	2.590	2.591	0.777	1.73E-04
600277	4129715	0.831	2.626	2.627	0.808	1.78E-04
600287	4129715	0.853	2.661	2.662	0.845	1.82E-04
600297	4129715	0.878	2.696	2.697	0.887	1.88E-04
600307	4129715	0.907	2.732	2.733	0.936	1.94E-04
600317	4129715	0.941	2.769	2.770	0.992	2.01E-04
600327	4129715	0.979	2.807	2.808	1.057	2.09E-04
600337	4129715	1.024	2.844	2.844	1.134	2.19E-04
600347	4129715	1.075	2.881	2.881	1.222	2.30E-04
600357	4129715	1.136	2.918	2.919	1.323	2.43E-04
600367	4129715	1.206	2.956	2.956	1.438	2.58E-04
600377	4129715	1.288	2.992	2.992	1.568	2.75E-04
600387	4129715	1.383	3.028	3.028	1.716	2.96E-04
600397	4129715	1.494	3.065	3.065	1.883	3.19E-04
600407	4129715	1.625	3.104	3.103	2.072	3.47E-04
600417	4129715	1.775	3.142	3.141	2.280	3.79E-04
600427	4129715	1.950	3.182	3.180	2.510	4.17E-04
600437	4129715	2.149	3.219	3.216	2.760	4.59E-04
600447	4129715	2.375	3.256	3.253	3.032	5.08E-04
600457	4129715	2.638	3.299	3.294	3.330	5.64E-04
600467	4129715	2.929	3.338	3.332	3.641	6.26E-04
600477	4129715	3.254	3.377	3.370	3.972	6.96E-04
600487	4129715	3.622	3.420	3.412	4.333	7.74E-04
600497	4129715	4.022	3.461	3.453	4.702	8.60E-04
600507	4129715	4.448	3.500	3.490	5.069	9.51E-04
600517	4129715	4.908	3.539	3.528	5.442	1.05E-03
600527	4129715	5.393	3.577	3.564	5.816	1.15E-03
600537	4129715	5.895	3.612	3.599	6.179	1.26E-03
600547	4129715	6.406	3.646	3.631	6.529	1.37E-03
600557	4129715	6.924	3.678	3.663	6.865	1.48E-03
600567	4129715	7.437	3.709	3.692	7.178	1.59E-03
600577	4129715	7.934	3.737	3.720	7.465	1.70E-03
600587	4129715	8.406	3.763	3.744	7.723	1.80E-03
600597	4129715	8.857	3.788	3.768	7.958	1.89E-03
600607	4129715	9.272	3.810	3.790	8.168	1.98E-03
600617	4129715	9.647	3.830	3.809	8.348	2.06E-03
600627	4129715	9.981	3.847	3.826	8.499	2.13E-03
600637	4129715	10.267	3.860	3.839	8.622	2.19E-03
600647	4129715	10.498	3.868	3.847	8.711	2.24E-03
600657	4129715	10.696	3.874	3.854	8.781	2.29E-03
600667	4129715	10.874	3.883	3.862	8.848	2.32E-03
600677	4129715	11.008	3.887	3.866	8.889	2.35E-03
600687	4129715	11.110	3.889	3.867	8.916	2.37E-03
600697	4129715	11.180	3.887	3.866	8.923	2.39E-03
600707	4129715	11.227	3.885	3.863	8.923	2.40E-03
600717	4129715	11.257	3.882	3.859	8.915	2.41E-03
600727	4129715	11.268	3.878	3.855	8.903	2.41E-03
600737	4129715	11.264	3.873	3.849	8.878	2.41E-03
600747	4129715	11.245	3.867	3.843	8.854	2.40E-03
600757	4129715	11.213	3.860	3.836	8.821	2.40E-03
600767	4129715	11.167	3.851	3.827	8.781	2.39E-03
600777	4129715	11.112	3.841	3.818	8.741	2.38E-03
600787	4129715	11.048	3.831	3.808	8.695	2.36E-03

600797	4129715	10.975	3.820	3.798	8.648	2.35E-03
600807	4129715	10.893	3.808	3.787	8.594	2.33E-03
600817	4129715	10.804	3.795	3.775	8.537	2.31E-03
600257	4129725	0.833	2.648	2.651	0.775	1.78E-04
600267	4129725	0.851	2.687	2.689	0.802	1.82E-04
600277	4129725	0.871	2.725	2.727	0.835	1.86E-04
600287	4129725	0.894	2.763	2.764	0.871	1.91E-04
600297	4129725	0.919	2.799	2.800	0.913	1.96E-04
600307	4129725	0.948	2.839	2.840	0.962	2.03E-04
600317	4129725	0.982	2.880	2.881	1.019	2.10E-04
600327	4129725	1.020	2.918	2.919	1.086	2.18E-04
600337	4129725	1.065	2.958	2.958	1.164	2.28E-04
600347	4129725	1.116	2.997	2.997	1.252	2.39E-04
600357	4129725	1.177	3.036	3.036	1.356	2.52E-04
600367	4129725	1.248	3.075	3.075	1.476	2.67E-04
600377	4129725	1.330	3.114	3.113	1.611	2.84E-04
600387	4129725	1.429	3.155	3.155	1.768	3.05E-04
600397	4129725	1.543	3.194	3.194	1.945	3.30E-04
600407	4129725	1.678	3.236	3.235	2.144	3.59E-04
600417	4129725	1.835	3.278	3.276	2.368	3.92E-04
600427	4129725	2.016	3.318	3.315	2.615	4.31E-04
600437	4129725	2.222	3.356	3.353	2.879	4.75E-04
600447	4129725	2.471	3.404	3.400	3.183	5.28E-04
600457	4129725	2.749	3.448	3.442	3.501	5.88E-04
600467	4129725	3.063	3.492	3.485	3.841	6.55E-04
600477	4129725	3.424	3.540	3.532	4.214	7.32E-04
600487	4129725	3.822	3.587	3.578	4.605	8.17E-04
600497	4129725	4.253	3.630	3.620	5.001	9.09E-04
600507	4129725	4.726	3.675	3.664	5.408	1.01E-03
600517	4129725	5.238	3.720	3.708	5.818	1.12E-03
600527	4129725	5.775	3.763	3.749	6.225	1.23E-03
600537	4129725	6.330	3.803	3.788	6.616	1.35E-03
600547	4129725	6.901	3.842	3.827	6.998	1.47E-03
600557	4129725	7.475	3.879	3.863	7.360	1.60E-03
600567	4129725	8.044	3.914	3.897	7.697	1.72E-03
600577	4129725	8.587	3.945	3.927	8.000	1.84E-03
600587	4129725	9.108	3.975	3.956	8.276	1.95E-03
600597	4129725	9.599	4.003	3.984	8.523	2.05E-03
600607	4129725	10.051	4.029	4.009	8.740	2.15E-03
600617	4129725	10.454	4.051	4.031	8.924	2.23E-03
600627	4129725	10.801	4.068	4.049	9.072	2.31E-03
600637	4129725	11.088	4.080	4.061	9.182	2.37E-03
600647	4129725	11.327	4.088	4.069	9.274	2.42E-03
600657	4129725	11.543	4.099	4.080	9.351	2.47E-03
600667	4129725	11.722	4.108	4.088	9.407	2.51E-03
600677	4129725	11.853	4.111	4.092	9.444	2.53E-03
600687	4129725	11.946	4.112	4.092	9.458	2.55E-03
600697	4129725	12.010	4.110	4.090	9.465	2.57E-03
600707	4129725	12.046	4.106	4.085	9.456	2.57E-03
600717	4129725	12.065	4.102	4.081	9.445	2.58E-03
600727	4129725	12.066	4.097	4.075	9.419	2.58E-03
600737	4129725	12.049	4.091	4.069	9.396	2.58E-03
600747	4129725	12.018	4.084	4.061	9.362	2.57E-03
600757	4129725	11.970	4.075	4.052	9.320	2.56E-03
600767	4129725	11.910	4.065	4.042	9.277	2.55E-03

600777	4129725	11.838	4.054	4.032	9.227	2.53E-03
600787	4129725	11.757	4.041	4.021	9.176	2.51E-03
600797	4129725	11.666	4.028	4.009	9.119	2.49E-03
600807	4129725	11.566	4.014	3.996	9.057	2.47E-03
600817	4129725	11.457	3.999	3.982	8.990	2.45E-03
600827	4129725	11.339	3.982	3.967	8.921	2.42E-03
600247	4129735	0.860	2.708	2.711	0.781	1.84E-04
600257	4129735	0.877	2.750	2.752	0.804	1.87E-04
600267	4129735	0.896	2.791	2.793	0.831	1.91E-04
600277	4129735	0.916	2.832	2.834	0.863	1.96E-04
600287	4129735	0.939	2.872	2.874	0.900	2.01E-04
600297	4129735	0.964	2.913	2.914	0.941	2.06E-04
600307	4129735	0.994	2.954	2.956	0.991	2.12E-04
600317	4129735	1.027	2.996	2.997	1.049	2.20E-04
600327	4129735	1.066	3.037	3.038	1.115	2.28E-04
600337	4129735	1.110	3.077	3.078	1.192	2.37E-04
600347	4129735	1.162	3.120	3.121	1.285	2.48E-04
600357	4129735	1.223	3.161	3.162	1.392	2.61E-04
600367	4129735	1.294	3.203	3.203	1.516	2.77E-04
600377	4129735	1.379	3.245	3.245	1.658	2.95E-04
600387	4129735	1.479	3.289	3.288	1.823	3.16E-04
600397	4129735	1.596	3.332	3.331	2.009	3.41E-04
600407	4129735	1.734	3.375	3.373	2.221	3.71E-04
600417	4129735	1.898	3.421	3.419	2.461	4.06E-04
600427	4129735	2.088	3.466	3.462	2.726	4.46E-04
600437	4129735	2.310	3.513	3.508	3.018	4.94E-04
600447	4129735	2.570	3.561	3.555	3.340	5.49E-04
600457	4129735	2.867	3.610	3.603	3.687	6.13E-04
600467	4129735	3.213	3.662	3.654	4.067	6.87E-04
600477	4129735	3.605	3.715	3.706	4.475	7.70E-04
600487	4129735	4.034	3.765	3.755	4.897	8.62E-04
600497	4129735	4.511	3.815	3.804	5.336	9.64E-04
600507	4129735	5.037	3.867	3.855	5.785	1.08E-03
600517	4129735	5.606	3.918	3.905	6.238	1.20E-03
600527	4129735	6.204	3.967	3.953	6.683	1.33E-03
600537	4129735	6.824	4.013	3.998	7.111	1.46E-03
600547	4129735	7.462	4.058	4.043	7.525	1.59E-03
600557	4129735	8.099	4.099	4.084	7.913	1.73E-03
600567	4129735	8.729	4.139	4.123	8.273	1.87E-03
600577	4129735	9.331	4.175	4.158	8.594	1.99E-03
600587	4129735	9.906	4.209	4.192	8.887	2.12E-03
600597	4129735	10.441	4.240	4.223	9.144	2.23E-03
600607	4129735	10.925	4.268	4.251	9.363	2.34E-03
600617	4129735	11.354	4.292	4.275	9.548	2.43E-03
600627	4129735	11.719	4.311	4.294	9.696	2.50E-03
600637	4129735	12.012	4.322	4.305	9.804	2.57E-03
600647	4129735	12.271	4.334	4.317	9.893	2.62E-03
600657	4129735	12.494	4.346	4.329	9.969	2.67E-03
600667	4129735	12.668	4.354	4.336	10.018	2.71E-03
600677	4129735	12.794	4.357	4.339	10.045	2.73E-03
600687	4129735	12.878	4.356	4.338	10.056	2.75E-03
600697	4129735	12.932	4.354	4.335	10.054	2.76E-03
600707	4129735	12.960	4.350	4.330	10.042	2.77E-03
600717	4129735	12.963	4.343	4.323	10.016	2.77E-03
600727	4129735	12.948	4.337	4.316	9.993	2.77E-03

600737	4129735	12.916	4.330	4.308	9.956	2.76E-03
600747	4129735	12.868	4.321	4.300	9.914	2.75E-03
600757	4129735	12.803	4.310	4.289	9.866	2.74E-03
600767	4129735	12.724	4.298	4.278	9.813	2.72E-03
600777	4129735	12.632	4.285	4.266	9.757	2.70E-03
600787	4129735	12.528	4.270	4.252	9.693	2.68E-03
600797	4129735	12.415	4.254	4.238	9.627	2.65E-03
600807	4129735	12.290	4.237	4.223	9.553	2.63E-03
600817	4129735	12.156	4.218	4.206	9.476	2.60E-03
600827	4129735	12.012	4.198	4.188	9.392	2.57E-03
600837	4129735	11.859	4.176	4.169	9.305	2.53E-03
600247	4129745	0.908	2.814	2.817	0.813	1.94E-04
600257	4129745	0.926	2.858	2.861	0.837	1.98E-04
600267	4129745	0.945	2.903	2.905	0.864	2.02E-04
600277	4129745	0.966	2.946	2.948	0.895	2.06E-04
600287	4129745	0.989	2.989	2.991	0.931	2.11E-04
600297	4129745	1.015	3.032	3.034	0.974	2.17E-04
600307	4129745	1.045	3.077	3.079	1.023	2.23E-04
600317	4129745	1.079	3.121	3.123	1.081	2.31E-04
600327	4129745	1.117	3.164	3.166	1.148	2.39E-04
600337	4129745	1.161	3.206	3.207	1.226	2.48E-04
600347	4129745	1.213	3.251	3.252	1.320	2.59E-04
600357	4129745	1.275	3.295	3.296	1.429	2.72E-04
600367	4129745	1.347	3.340	3.340	1.557	2.88E-04
600377	4129745	1.432	3.384	3.384	1.705	3.06E-04
600387	4129745	1.533	3.431	3.430	1.877	3.28E-04
600397	4129745	1.653	3.478	3.476	2.074	3.53E-04
600407	4129745	1.795	3.525	3.522	2.299	3.84E-04
600417	4129745	1.963	3.572	3.569	2.553	4.20E-04
600427	4129745	2.164	3.624	3.619	2.841	4.63E-04
600437	4129745	2.399	3.676	3.670	3.159	5.13E-04
600447	4129745	2.674	3.729	3.722	3.508	5.71E-04
600457	4129745	2.996	3.786	3.777	3.892	6.40E-04
600467	4129745	3.372	3.845	3.836	4.312	7.21E-04
600477	4129745	3.789	3.901	3.890	4.751	8.10E-04
600487	4129745	4.264	3.959	3.947	5.220	9.11E-04
600497	4129745	4.795	4.018	4.005	5.706	1.02E-03
600507	4129745	5.380	4.077	4.064	6.203	1.15E-03
600517	4129745	6.013	4.135	4.121	6.701	1.29E-03
600527	4129745	6.683	4.191	4.177	7.193	1.43E-03
600537	4129745	7.380	4.244	4.230	7.664	1.58E-03
600547	4129745	8.092	4.295	4.280	8.112	1.73E-03
600557	4129745	8.807	4.343	4.328	8.531	1.88E-03
600567	4129745	9.508	4.388	4.373	8.915	2.03E-03
600577	4129745	10.181	4.429	4.414	9.260	2.18E-03
600587	4129745	10.818	4.469	4.454	9.570	2.31E-03
600597	4129745	11.399	4.503	4.488	9.835	2.44E-03
600607	4129745	11.919	4.534	4.519	10.059	2.55E-03
600617	4129745	12.371	4.559	4.544	10.241	2.64E-03
600627	4129745	12.747	4.577	4.563	10.378	2.72E-03
600637	4129745	13.059	4.590	4.576	10.486	2.79E-03
600647	4129745	13.338	4.606	4.592	10.578	2.85E-03
600657	4129745	13.563	4.618	4.604	10.642	2.90E-03
600667	4129745	13.729	4.624	4.609	10.687	2.93E-03
600677	4129745	13.846	4.627	4.611	10.706	2.96E-03



600687	4129745	13.919	4.625	4.609	10.709	2.98E-03
600697	4129745	13.961	4.621	4.604	10.699	2.98E-03
600707	4129745	13.975	4.616	4.598	10.680	2.99E-03
600717	4129745	13.962	4.609	4.590	10.652	2.98E-03
600727	4129745	13.927	4.600	4.581	10.610	2.98E-03
600737	4129745	13.874	4.591	4.572	10.566	2.97E-03
600747	4129745	13.805	4.580	4.561	10.517	2.95E-03
600757	4129745	13.718	4.568	4.549	10.461	2.93E-03
600767	4129745	13.615	4.553	4.536	10.398	2.91E-03
600777	4129745	13.497	4.537	4.521	10.328	2.88E-03
600787	4129745	13.366	4.519	4.505	10.254	2.86E-03
600797	4129745	13.222	4.500	4.488	10.172	2.83E-03
600807	4129745	13.067	4.479	4.469	10.085	2.79E-03
600817	4129745	12.901	4.455	4.449	9.992	2.76E-03
600827	4129745	12.725	4.431	4.426	9.892	2.72E-03
600837	4129745	12.539	4.404	4.403	9.785	2.68E-03
600237	4129755	0.943	2.880	2.884	0.830	2.02E-04
600247	4129755	0.961	2.927	2.931	0.850	2.05E-04
600257	4129755	0.980	2.975	2.978	0.873	2.09E-04
600267	4129755	1.000	3.021	3.024	0.900	2.14E-04
600277	4129755	1.022	3.068	3.071	0.931	2.18E-04
600287	4129755	1.046	3.114	3.117	0.967	2.23E-04
600297	4129755	1.072	3.159	3.161	1.008	2.29E-04
600307	4129755	1.102	3.206	3.208	1.058	2.36E-04
600317	4129755	1.136	3.253	3.255	1.115	2.43E-04
600327	4129755	1.175	3.299	3.301	1.183	2.51E-04
600337	4129755	1.219	3.344	3.346	1.262	2.61E-04
600347	4129755	1.271	3.391	3.392	1.356	2.72E-04
600357	4129755	1.332	3.437	3.438	1.467	2.85E-04
600367	4129755	1.405	3.485	3.485	1.599	3.00E-04
600377	4129755	1.492	3.534	3.534	1.755	3.19E-04
600387	4129755	1.594	3.584	3.582	1.935	3.41E-04
600397	4129755	1.717	3.635	3.632	2.145	3.67E-04
600407	4129755	1.863	3.685	3.682	2.384	3.98E-04
600417	4129755	2.037	3.738	3.733	2.656	4.35E-04
600427	4129755	2.246	3.794	3.788	2.965	4.80E-04
600437	4129755	2.493	3.851	3.844	3.309	5.33E-04
600447	4129755	2.788	3.913	3.904	3.694	5.96E-04
600457	4129755	3.137	3.978	3.968	4.119	6.71E-04
600467	4129755	3.538	4.042	4.030	4.574	7.56E-04
600477	4129755	3.991	4.104	4.092	5.057	8.53E-04
600487	4129755	4.514	4.170	4.157	5.576	9.65E-04
600497	4129755	5.106	4.239	4.225	6.117	1.09E-03
600507	4129755	5.757	4.306	4.292	6.666	1.23E-03
600517	4129755	6.461	4.371	4.358	7.214	1.38E-03
600527	4129755	7.214	4.436	4.422	7.755	1.54E-03
600537	4129755	8.002	4.497	4.484	8.277	1.71E-03
600547	4129755	8.807	4.556	4.544	8.767	1.88E-03
600557	4129755	9.610	4.611	4.599	9.218	2.05E-03
600567	4129755	10.393	4.662	4.650	9.629	2.22E-03
600577	4129755	11.158	4.713	4.702	10.005	2.39E-03
600587	4129755	11.863	4.758	4.746	10.329	2.54E-03
600597	4129755	12.490	4.795	4.784	10.598	2.67E-03
600607	4129755	13.051	4.828	4.817	10.825	2.79E-03
600617	4129755	13.525	4.854	4.843	11.000	2.89E-03

600627	4129755	13.918	4.872	4.862	11.136	2.97E-03
600637	4129755	14.262	4.891	4.881	11.248	3.05E-03
600647	4129755	14.538	4.905	4.895	11.330	3.11E-03
600657	4129755	14.761	4.917	4.906	11.390	3.16E-03
600667	4129755	14.919	4.922	4.910	11.417	3.19E-03
600677	4129755	15.024	4.923	4.910	11.431	3.21E-03
600687	4129755	15.086	4.921	4.907	11.423	3.22E-03
600697	4129755	15.114	4.917	4.902	11.409	3.23E-03
600707	4129755	15.108	4.910	4.894	11.379	3.23E-03
600717	4129755	15.075	4.902	4.885	11.339	3.22E-03
600727	4129755	15.018	4.891	4.875	11.293	3.21E-03
600737	4129755	14.937	4.879	4.863	11.237	3.19E-03
600747	4129755	14.839	4.866	4.850	11.177	3.17E-03
600757	4129755	14.723	4.850	4.836	11.107	3.15E-03
600767	4129755	14.589	4.833	4.820	11.031	3.12E-03
600777	4129755	14.437	4.813	4.802	10.948	3.09E-03
600787	4129755	14.270	4.791	4.782	10.856	3.05E-03
600797	4129755	14.089	4.766	4.760	10.757	3.01E-03
600807	4129755	13.895	4.740	4.736	10.651	2.97E-03
600817	4129755	13.690	4.711	4.711	10.541	2.93E-03
600827	4129755	13.475	4.681	4.683	10.417	2.88E-03
600837	4129755	13.249	4.648	4.654	10.293	2.83E-03
600847	4129755	13.016	4.614	4.622	10.160	2.78E-03
600227	4129765	0.983	2.948	2.953	0.852	2.10E-04
600237	4129765	1.001	2.999	3.003	0.870	2.14E-04
600247	4129765	1.020	3.049	3.054	0.893	2.18E-04
600257	4129765	1.040	3.100	3.105	0.914	2.22E-04
600267	4129765	1.061	3.148	3.152	0.940	2.27E-04
600277	4129765	1.084	3.198	3.201	0.971	2.32E-04
600287	4129765	1.109	3.247	3.251	1.008	2.37E-04
600297	4129765	1.136	3.297	3.300	1.049	2.43E-04
600307	4129765	1.167	3.346	3.348	1.096	2.49E-04
600317	4129765	1.201	3.394	3.397	1.155	2.57E-04
600327	4129765	1.240	3.444	3.446	1.222	2.65E-04
600337	4129765	1.285	3.491	3.493	1.301	2.75E-04
600347	4129765	1.337	3.540	3.542	1.396	2.86E-04
600357	4129765	1.399	3.590	3.591	1.511	2.99E-04
600367	4129765	1.471	3.641	3.641	1.646	3.15E-04
600377	4129765	1.558	3.692	3.691	1.806	3.33E-04
600387	4129765	1.662	3.746	3.744	1.994	3.55E-04
600397	4129765	1.788	3.802	3.799	2.214	3.82E-04
600407	4129765	1.938	3.858	3.853	2.468	4.14E-04
600417	4129765	2.118	3.916	3.909	2.761	4.53E-04
600427	4129765	2.334	3.976	3.969	3.093	4.99E-04
600437	4129765	2.596	4.042	4.032	3.471	5.55E-04
600447	4129765	2.914	4.113	4.103	3.897	6.23E-04
600457	4129765	3.286	4.185	4.172	4.363	7.02E-04
600467	4129765	3.716	4.255	4.242	4.862	7.94E-04
600477	4129765	4.216	4.328	4.314	5.402	9.01E-04
600487	4129765	4.793	4.404	4.389	5.978	1.02E-03
600497	4129765	5.449	4.481	4.467	6.577	1.16E-03
600507	4129765	6.173	4.557	4.543	7.184	1.32E-03
600517	4129765	6.958	4.631	4.617	7.785	1.49E-03
600527	4129765	7.810	4.705	4.693	8.383	1.67E-03
600537	4129765	8.703	4.777	4.766	8.960	1.86E-03

600547	4129765	9.618	4.845	4.836	9.499	2.06E-03
600557	4129765	10.527	4.909	4.901	9.989	2.25E-03
600567	4129765	11.415	4.969	4.962	10.432	2.44E-03
600577	4129765	12.266	5.026	5.020	10.830	2.62E-03
600587	4129765	13.060	5.079	5.073	11.174	2.79E-03
600597	4129765	13.747	5.121	5.115	11.450	2.94E-03
600607	4129765	14.344	5.156	5.150	11.673	3.07E-03
600617	4129765	14.832	5.179	5.174	11.837	3.17E-03
600627	4129765	15.271	5.205	5.200	11.978	3.26E-03
600637	4129765	15.625	5.224	5.219	12.086	3.34E-03
600647	4129765	15.901	5.237	5.231	12.157	3.40E-03
600657	4129765	16.117	5.248	5.240	12.202	3.44E-03
600667	4129765	16.263	5.252	5.243	12.226	3.48E-03
600677	4129765	16.355	5.252	5.242	12.226	3.50E-03
600687	4129765	16.404	5.251	5.239	12.218	3.51E-03
600697	4129765	16.414	5.246	5.233	12.191	3.51E-03
600707	4129765	16.382	5.238	5.224	12.153	3.50E-03
600717	4129765	16.319	5.227	5.213	12.102	3.49E-03
600727	4129765	16.232	5.214	5.200	12.041	3.47E-03
600737	4129765	16.118	5.199	5.186	11.974	3.45E-03
600747	4129765	15.981	5.181	5.170	11.894	3.42E-03
600757	4129765	15.824	5.161	5.151	11.812	3.38E-03
600767	4129765	15.648	5.139	5.131	11.717	3.34E-03
600777	4129765	15.454	5.114	5.109	11.614	3.30E-03
600787	4129765	15.242	5.086	5.084	11.504	3.26E-03
600797	4129765	15.015	5.055	5.056	11.381	3.21E-03
600807	4129765	14.774	5.022	5.026	11.254	3.16E-03
600817	4129765	14.521	4.986	4.994	11.116	3.10E-03
600827	4129765	14.258	4.949	4.959	10.972	3.05E-03
600837	4129765	13.986	4.909	4.922	10.820	2.99E-03
600847	4129765	13.707	4.867	4.884	10.664	2.93E-03
600857	4129765	13.421	4.823	4.843	10.501	2.87E-03
600227	4129775	1.045	3.072	3.078	0.898	2.23E-04
600237	4129775	1.064	3.127	3.132	0.916	2.27E-04
600247	4129775	1.085	3.184	3.189	0.937	2.32E-04
600257	4129775	1.107	3.237	3.242	0.962	2.37E-04
600267	4129775	1.129	3.288	3.293	0.986	2.41E-04
600277	4129775	1.153	3.339	3.343	1.017	2.46E-04
600287	4129775	1.179	3.391	3.395	1.052	2.52E-04
600297	4129775	1.208	3.444	3.447	1.093	2.58E-04
600307	4129775	1.239	3.495	3.499	1.141	2.65E-04
600317	4129775	1.274	3.546	3.550	1.196	2.72E-04
600327	4129775	1.314	3.597	3.600	1.264	2.81E-04
600337	4129775	1.359	3.649	3.651	1.345	2.91E-04
600347	4129775	1.412	3.701	3.703	1.439	3.02E-04
600357	4129775	1.474	3.754	3.755	1.555	3.15E-04
600367	4129775	1.547	3.808	3.808	1.692	3.31E-04
600377	4129775	1.635	3.863	3.862	1.859	3.49E-04
600387	4129775	1.740	3.921	3.919	2.056	3.72E-04
600397	4129775	1.866	3.980	3.975	2.285	3.99E-04
600407	4129775	2.019	4.041	4.035	2.555	4.32E-04
600417	4129775	2.205	4.105	4.097	2.868	4.71E-04
600427	4129775	2.432	4.174	4.165	3.231	5.20E-04
600437	4129775	2.712	4.251	4.239	3.648	5.80E-04
600447	4129775	3.048	4.329	4.316	4.115	6.51E-04

600457	4129775	3.442	4.407	4.393	4.622	7.36E-04
600467	4129775	3.910	4.488	4.473	5.178	8.36E-04
600477	4129775	4.459	4.572	4.556	5.781	9.53E-04
600487	4129775	5.100	4.659	4.644	6.427	1.09E-03
600497	4129775	5.826	4.747	4.733	7.089	1.25E-03
600507	4129775	6.636	4.834	4.821	7.765	1.42E-03
600517	4129775	7.526	4.920	4.908	8.437	1.61E-03
600527	4129775	8.490	5.005	4.996	9.098	1.81E-03
600537	4129775	9.505	5.088	5.081	9.732	2.03E-03
600547	4129775	10.546	5.167	5.163	10.319	2.25E-03
600557	4129775	11.585	5.242	5.240	10.854	2.48E-03
600567	4129775	12.590	5.311	5.312	11.331	2.69E-03
600577	4129775	13.541	5.375	5.377	11.748	2.89E-03
600587	4129775	14.424	5.435	5.438	12.109	3.08E-03
600597	4129775	15.190	5.485	5.487	12.394	3.25E-03
600607	4129775	15.815	5.518	5.520	12.604	3.38E-03
600617	4129775	16.354	5.547	5.549	12.777	3.50E-03
600627	4129775	16.830	5.578	5.579	12.923	3.60E-03
600637	4129775	17.189	5.596	5.597	13.015	3.67E-03
600647	4129775	17.463	5.609	5.608	13.077	3.73E-03
600657	4129775	17.661	5.617	5.614	13.112	3.77E-03
600667	4129775	17.794	5.621	5.616	13.120	3.80E-03
600677	4129775	17.872	5.622	5.615	13.119	3.82E-03
600687	4129775	17.899	5.620	5.611	13.094	3.83E-03
600697	4129775	17.879	5.614	5.603	13.059	3.82E-03
600707	4129775	17.814	5.603	5.593	13.003	3.81E-03
600717	4129775	17.714	5.590	5.579	12.939	3.79E-03
600727	4129775	17.585	5.573	5.564	12.867	3.76E-03
600737	4129775	17.425	5.554	5.546	12.778	3.72E-03
600747	4129775	17.239	5.531	5.525	12.686	3.68E-03
600757	4129775	17.029	5.504	5.501	12.575	3.64E-03
600767	4129775	16.796	5.474	5.474	12.456	3.59E-03
600777	4129775	16.547	5.442	5.445	12.331	3.54E-03
600787	4129775	16.280	5.407	5.413	12.195	3.48E-03
600797	4129775	15.996	5.368	5.377	12.043	3.42E-03
600807	4129775	15.698	5.326	5.339	11.889	3.36E-03
600817	4129775	15.388	5.282	5.298	11.722	3.29E-03
600827	4129775	15.069	5.235	5.255	11.549	3.22E-03
600837	4129775	14.742	5.186	5.209	11.368	3.15E-03
600847	4129775	14.409	5.136	5.161	11.184	3.08E-03
600857	4129775	14.071	5.083	5.111	10.988	3.01E-03
600217	4129785	1.092	3.148	3.155	0.932	2.33E-04
600227	4129785	1.113	3.207	3.214	0.948	2.38E-04
600237	4129785	1.135	3.268	3.274	0.969	2.43E-04
600247	4129785	1.157	3.326	3.332	0.988	2.47E-04
600257	4129785	1.180	3.382	3.388	1.012	2.52E-04
600267	4129785	1.205	3.439	3.444	1.039	2.58E-04
600277	4129785	1.231	3.494	3.499	1.067	2.63E-04
600287	4129785	1.259	3.547	3.552	1.104	2.69E-04
600297	4129785	1.289	3.603	3.607	1.144	2.75E-04
600307	4129785	1.322	3.656	3.660	1.192	2.82E-04
600317	4129785	1.358	3.710	3.714	1.247	2.90E-04
600327	4129785	1.399	3.766	3.769	1.313	2.99E-04
600337	4129785	1.445	3.819	3.821	1.392	3.09E-04
600347	4129785	1.498	3.873	3.875	1.489	3.20E-04

600357	4129785	1.561	3.931	3.931	1.605	3.34E-04
600367	4129785	1.635	3.989	3.988	1.746	3.50E-04
600377	4129785	1.725	4.050	4.048	1.919	3.69E-04
600387	4129785	1.830	4.111	4.107	2.122	3.91E-04
600397	4129785	1.957	4.173	4.167	2.362	4.18E-04
600407	4129785	2.113	4.240	4.232	2.646	4.52E-04
600417	4129785	2.305	4.312	4.301	2.983	4.93E-04
600427	4129785	2.546	4.393	4.381	3.382	5.44E-04
600437	4129785	2.838	4.476	4.462	3.836	6.07E-04
600447	4129785	3.189	4.561	4.545	4.342	6.82E-04
600457	4129785	3.612	4.649	4.633	4.906	7.72E-04
600467	4129785	4.119	4.742	4.725	5.525	8.81E-04
600477	4129785	4.725	4.840	4.823	6.204	1.01E-03
600487	4129785	5.429	4.938	4.923	6.920	1.16E-03
600497	4129785	6.242	5.040	5.026	7.666	1.33E-03
600507	4129785	7.155	5.140	5.129	8.424	1.53E-03
600517	4129785	8.167	5.240	5.232	9.178	1.75E-03
600527	4129785	9.264	5.339	5.334	9.908	1.98E-03
600537	4129785	10.430	5.436	5.435	10.606	2.23E-03
600547	4129785	11.624	5.528	5.531	11.252	2.48E-03
600557	4129785	12.819	5.616	5.623	11.837	2.74E-03
600567	4129785	13.963	5.696	5.707	12.345	2.98E-03
600577	4129785	15.026	5.768	5.782	12.776	3.21E-03
600587	4129785	16.010	5.837	5.851	13.153	3.42E-03
600597	4129785	16.846	5.890	5.904	13.444	3.60E-03
600607	4129785	17.531	5.928	5.941	13.657	3.75E-03
600617	4129785	18.142	5.968	5.979	13.833	3.88E-03
600627	4129785	18.629	5.998	6.007	13.964	3.98E-03
600637	4129785	19.011	6.020	6.027	14.059	4.06E-03
600647	4129785	19.273	6.031	6.035	14.104	4.12E-03
600657	4129785	19.441	6.035	6.037	14.118	4.16E-03
600667	4129785	19.552	6.038	6.037	14.122	4.18E-03
600677	4129785	19.605	6.040	6.036	14.102	4.19E-03
600687	4129785	19.596	6.036	6.030	14.069	4.19E-03
600697	4129785	19.533	6.027	6.021	14.013	4.18E-03
600707	4129785	19.423	6.013	6.007	13.948	4.15E-03
600717	4129785	19.273	5.996	5.991	13.869	4.12E-03
600727	4129785	19.087	5.974	5.971	13.770	4.08E-03
600737	4129785	18.866	5.948	5.947	13.667	4.03E-03
600747	4129785	18.616	5.917	5.919	13.540	3.98E-03
600757	4129785	18.339	5.882	5.887	13.406	3.92E-03
600767	4129785	18.035	5.843	5.852	13.255	3.85E-03
600777	4129785	17.713	5.800	5.813	13.098	3.79E-03
600787	4129785	17.376	5.755	5.771	12.925	3.71E-03
600797	4129785	17.024	5.706	5.725	12.744	3.64E-03
600807	4129785	16.658	5.654	5.677	12.554	3.56E-03
600817	4129785	16.281	5.598	5.625	12.352	3.48E-03
600827	4129785	15.897	5.541	5.571	12.149	3.40E-03
600837	4129785	15.506	5.481	5.514	11.929	3.31E-03
600847	4129785	15.113	5.420	5.455	11.712	3.23E-03
600857	4129785	14.717	5.357	5.394	11.482	3.15E-03
600867	4129785	14.322	5.293	5.332	11.254	3.06E-03
600217	4129795	1.165	3.295	3.303	0.989	2.49E-04
600227	4129795	1.188	3.358	3.365	1.006	2.54E-04
600237	4129795	1.212	3.416	3.423	1.026	2.59E-04

600247	4129795	1.237	3.478	3.485	1.047	2.64E-04
600257	4129795	1.262	3.539	3.546	1.069	2.70E-04
600267	4129795	1.290	3.600	3.606	1.097	2.76E-04
600277	4129795	1.318	3.660	3.666	1.126	2.82E-04
600287	4129795	1.349	3.720	3.725	1.161	2.88E-04
600297	4129795	1.380	3.774	3.779	1.202	2.95E-04
600307	4129795	1.415	3.831	3.836	1.248	3.02E-04
600317	4129795	1.453	3.889	3.893	1.305	3.11E-04
600327	4129795	1.496	3.946	3.950	1.370	3.20E-04
600337	4129795	1.544	4.004	4.007	1.448	3.30E-04
600347	4129795	1.598	4.061	4.062	1.543	3.42E-04
600357	4129795	1.662	4.121	4.121	1.661	3.55E-04
600367	4129795	1.737	4.184	4.183	1.805	3.71E-04
600377	4129795	1.826	4.248	4.245	1.979	3.90E-04
600387	4129795	1.931	4.312	4.306	2.188	4.13E-04
600397	4129795	2.061	4.382	4.374	2.441	4.41E-04
600407	4129795	2.221	4.456	4.446	2.745	4.75E-04
600417	4129795	2.422	4.540	4.527	3.110	5.18E-04
600427	4129795	2.673	4.628	4.614	3.542	5.71E-04
600437	4129795	2.975	4.718	4.702	4.033	6.36E-04
600447	4129795	3.346	4.813	4.796	4.589	7.15E-04
600457	4129795	3.799	4.914	4.896	5.220	8.12E-04
600467	4129795	4.349	5.020	5.002	5.910	9.29E-04
600477	4129795	5.004	5.129	5.112	6.661	1.07E-03
600487	4129795	5.785	5.243	5.229	7.468	1.24E-03
600497	4129795	6.699	5.362	5.350	8.314	1.43E-03
600507	4129795	7.736	5.480	5.472	9.171	1.65E-03
600517	4129795	8.895	5.598	5.594	10.021	1.90E-03
600527	4129795	10.159	5.714	5.715	10.836	2.17E-03
600537	4129795	11.509	5.829	5.835	11.614	2.46E-03
600547	4129795	12.893	5.938	5.951	12.323	2.76E-03
600557	4129795	14.274	6.042	6.061	12.957	3.05E-03
600567	4129795	15.582	6.135	6.159	13.499	3.33E-03
600577	4129795	16.779	6.216	6.245	13.948	3.59E-03
600587	4129795	17.873	6.293	6.322	14.329	3.82E-03
600597	4129795	18.794	6.352	6.381	14.617	4.02E-03
600607	4129795	19.581	6.403	6.429	14.849	4.19E-03
600617	4129795	20.233	6.446	6.469	15.030	4.32E-03
600627	4129795	20.734	6.476	6.494	15.144	4.43E-03
600637	4129795	21.119	6.499	6.513	15.216	4.51E-03
600647	4129795	21.370	6.511	6.521	15.256	4.57E-03
600657	4129795	21.512	6.515	6.521	15.259	4.60E-03
600667	4129795	21.585	6.516	6.520	15.238	4.61E-03
600677	4129795	21.591	6.515	6.516	15.208	4.61E-03
600687	4129795	21.529	6.508	6.508	15.156	4.60E-03
600697	4129795	21.405	6.494	6.495	15.084	4.58E-03
600707	4129795	21.230	6.476	6.477	14.996	4.54E-03
600717	4129795	21.010	6.451	6.454	14.888	4.49E-03
600727	4129795	20.747	6.421	6.427	14.770	4.43E-03
600737	4129795	20.446	6.385	6.394	14.625	4.37E-03
600747	4129795	20.112	6.344	6.356	14.473	4.30E-03
600757	4129795	19.750	6.298	6.314	14.300	4.22E-03
600767	4129795	19.361	6.246	6.266	14.111	4.14E-03
600777	4129795	18.951	6.191	6.215	13.913	4.05E-03
600787	4129795	18.525	6.132	6.160	13.698	3.96E-03

600797	4129795	18.088	6.069	6.101	13.475	3.87E-03
600807	4129795	17.643	6.004	6.039	13.245	3.77E-03
600817	4129795	17.191	5.936	5.974	13.008	3.67E-03
600827	4129795	16.732	5.866	5.906	12.759	3.58E-03
600837	4129795	16.268	5.794	5.836	12.498	3.48E-03
600847	4129795	15.807	5.720	5.764	12.243	3.38E-03
600857	4129795	15.348	5.645	5.691	11.976	3.28E-03
600867	4129795	14.892	5.569	5.616	11.709	3.18E-03
600877	4129795	14.443	5.493	5.541	11.443	3.09E-03
600207	4129805	1.218	3.375	3.384	1.030	2.60E-04
600217	4129805	1.244	3.445	3.453	1.050	2.66E-04
600227	4129805	1.271	3.516	3.525	1.070	2.72E-04
600237	4129805	1.297	3.581	3.589	1.089	2.77E-04
600247	4129805	1.325	3.646	3.654	1.112	2.83E-04
600257	4129805	1.354	3.711	3.719	1.136	2.89E-04
600267	4129805	1.384	3.774	3.781	1.162	2.96E-04
600277	4129805	1.415	3.839	3.846	1.193	3.03E-04
600287	4129805	1.449	3.903	3.910	1.226	3.10E-04
600297	4129805	1.484	3.963	3.969	1.267	3.17E-04
600307	4129805	1.522	4.023	4.028	1.315	3.25E-04
600317	4129805	1.562	4.081	4.086	1.367	3.34E-04
600327	4129805	1.607	4.141	4.145	1.432	3.43E-04
600337	4129805	1.657	4.202	4.205	1.511	3.54E-04
600347	4129805	1.714	4.264	4.266	1.606	3.66E-04
600357	4129805	1.779	4.328	4.327	1.723	3.80E-04
600367	4129805	1.855	4.394	4.391	1.867	3.96E-04
600377	4129805	1.943	4.460	4.455	2.040	4.15E-04
600387	4129805	2.050	4.531	4.523	2.257	4.38E-04
600397	4129805	2.182	4.608	4.598	2.522	4.66E-04
600407	4129805	2.348	4.693	4.680	2.845	5.02E-04
600417	4129805	2.558	4.786	4.771	3.240	5.47E-04
600427	4129805	2.811	4.880	4.863	3.701	6.01E-04
600437	4129805	3.128	4.982	4.963	4.243	6.69E-04
600447	4129805	3.521	5.090	5.070	4.860	7.53E-04
600457	4129805	4.006	5.204	5.184	5.561	8.56E-04
600467	4129805	4.597	5.323	5.305	6.331	9.83E-04
600477	4129805	5.311	5.447	5.431	7.172	1.14E-03
600487	4129805	6.176	5.579	5.566	8.085	1.32E-03
600497	4129805	7.203	5.717	5.709	9.044	1.54E-03
600507	4129805	8.389	5.857	5.854	10.023	1.79E-03
600517	4129805	9.726	5.997	6.001	10.982	2.08E-03
600527	4129805	11.200	6.137	6.147	11.909	2.39E-03
600537	4129805	12.782	6.275	6.293	12.777	2.73E-03
600547	4129805	14.400	6.407	6.432	13.553	3.08E-03
600557	4129805	15.993	6.529	6.561	14.231	3.42E-03
600567	4129805	17.507	6.640	6.679	14.809	3.74E-03
600577	4129805	18.876	6.735	6.780	15.287	4.03E-03
600587	4129805	20.097	6.820	6.867	15.673	4.30E-03
600597	4129805	21.141	6.892	6.937	15.974	4.52E-03
600607	4129805	22.008	6.950	6.991	16.199	4.70E-03
600617	4129805	22.693	6.994	7.029	16.357	4.85E-03
600627	4129805	23.228	7.030	7.058	16.468	4.96E-03
600637	4129805	23.584	7.050	7.072	16.531	5.04E-03
600647	4129805	23.814	7.063	7.079	16.548	5.09E-03
600657	4129805	23.927	7.069	7.081	16.535	5.11E-03

600667	4129805	23.942	7.068	7.078	16.506	5.12E-03
600677	4129805	23.872	7.061	7.069	16.449	5.10E-03
600687	4129805	23.731	7.048	7.056	16.370	5.07E-03
600697	4129805	23.523	7.027	7.036	16.273	5.03E-03
600707	4129805	23.256	6.999	7.010	16.151	4.97E-03
600717	4129805	22.937	6.964	6.978	16.015	4.90E-03
600727	4129805	22.572	6.921	6.938	15.851	4.82E-03
600737	4129805	22.165	6.871	6.892	15.673	4.74E-03
600747	4129805	21.724	6.815	6.840	15.476	4.64E-03
600757	4129805	21.256	6.753	6.782	15.257	4.54E-03
600767	4129805	20.764	6.686	6.719	15.022	4.44E-03
600777	4129805	20.251	6.615	6.652	14.778	4.33E-03
600787	4129805	19.721	6.539	6.580	14.511	4.22E-03
600797	4129805	19.176	6.460	6.504	14.234	4.10E-03
600807	4129805	18.639	6.379	6.426	13.957	3.98E-03
600817	4129805	18.102	6.296	6.345	13.672	3.87E-03
600827	4129805	17.561	6.210	6.261	13.379	3.75E-03
600837	4129805	17.015	6.123	6.176	13.074	3.64E-03
600847	4129805	16.478	6.035	6.089	12.768	3.52E-03
600857	4129805	15.949	5.946	6.001	12.464	3.41E-03
600867	4129805	15.430	5.858	5.913	12.151	3.30E-03
600877	4129805	14.922	5.769	5.824	11.849	3.19E-03
600207	4129815	1.302	3.536	3.546	1.098	2.78E-04
600217	4129815	1.331	3.610	3.620	1.118	2.84E-04
600227	4129815	1.361	3.685	3.695	1.139	2.91E-04
600237	4129815	1.392	3.762	3.772	1.161	2.98E-04
600247	4129815	1.424	3.831	3.840	1.184	3.04E-04
600257	4129815	1.456	3.899	3.907	1.210	3.11E-04
600267	4129815	1.489	3.967	3.975	1.237	3.18E-04
600277	4129815	1.525	4.037	4.045	1.269	3.26E-04
600287	4129815	1.562	4.103	4.111	1.302	3.34E-04
600297	4129815	1.601	4.166	4.173	1.341	3.42E-04
600307	4129815	1.642	4.228	4.234	1.388	3.51E-04
600317	4129815	1.686	4.290	4.295	1.442	3.60E-04
600327	4129815	1.734	4.354	4.358	1.506	3.71E-04
600337	4129815	1.787	4.417	4.420	1.584	3.82E-04
600347	4129815	1.847	4.484	4.484	1.679	3.95E-04
600357	4129815	1.915	4.552	4.550	1.795	4.09E-04
600367	4129815	1.992	4.621	4.616	1.936	4.26E-04
600377	4129815	2.082	4.693	4.685	2.112	4.45E-04
600387	4129815	2.190	4.770	4.759	2.332	4.68E-04
600397	4129815	2.328	4.857	4.844	2.613	4.98E-04
600407	4129815	2.500	4.952	4.936	2.959	5.34E-04
600417	4129815	2.711	5.052	5.033	3.373	5.79E-04
600427	4129815	2.972	5.156	5.135	3.870	6.35E-04
600437	4129815	3.303	5.269	5.248	4.460	7.06E-04
600447	4129815	3.718	5.391	5.370	5.148	7.95E-04
600457	4129815	4.234	5.519	5.499	5.928	9.05E-04
600467	4129815	4.868	5.653	5.636	6.791	1.04E-03
600477	4129815	5.654	5.797	5.784	7.749	1.21E-03
600487	4129815	6.611	5.949	5.941	8.783	1.41E-03
600497	4129815	7.768	6.111	6.109	9.880	1.66E-03
600507	4129815	9.131	6.278	6.284	11.002	1.95E-03
600517	4129815	10.688	6.447	6.463	12.100	2.28E-03
600527	4129815	12.419	6.616	6.641	13.148	2.65E-03



600537	4129815	14.277	6.783	6.817	14.109	3.05E-03
600547	4129815	16.186	6.942	6.985	14.963	3.46E-03
600557	4129815	18.061	7.092	7.142	15.702	3.86E-03
600567	4129815	19.835	7.230	7.286	16.319	4.24E-03
600577	4129815	21.418	7.346	7.407	16.817	4.58E-03
600587	4129815	22.804	7.444	7.506	17.208	4.87E-03
600597	4129815	23.982	7.527	7.586	17.512	5.13E-03
600607	4129815	24.930	7.591	7.644	17.736	5.33E-03
600617	4129815	25.665	7.641	7.686	17.890	5.49E-03
600627	4129815	26.200	7.677	7.713	17.980	5.60E-03
600637	4129815	26.517	7.696	7.727	18.009	5.67E-03
600647	4129815	26.695	7.709	7.734	18.010	5.71E-03
600657	4129815	26.747	7.715	7.735	17.988	5.72E-03
600667	4129815	26.675	7.710	7.728	17.929	5.70E-03
600677	4129815	26.498	7.694	7.712	17.839	5.66E-03
600687	4129815	26.240	7.669	7.689	17.731	5.61E-03
600697	4129815	25.910	7.636	7.658	17.592	5.54E-03
600707	4129815	25.514	7.592	7.618	17.434	5.45E-03
600717	4129815	25.060	7.539	7.569	17.245	5.36E-03
600727	4129815	24.561	7.478	7.512	17.034	5.25E-03
600737	4129815	24.017	7.409	7.446	16.800	5.13E-03
600747	4129815	23.443	7.333	7.374	16.550	5.01E-03
600757	4129815	22.843	7.251	7.296	16.273	4.88E-03
600767	4129815	22.225	7.162	7.210	15.984	4.75E-03
600777	4129815	21.590	7.070	7.120	15.678	4.61E-03
600787	4129815	20.944	6.976	7.030	15.361	4.48E-03
600797	4129815	20.283	6.879	6.936	15.024	4.34E-03
600807	4129815	19.631	6.778	6.838	14.682	4.20E-03
600817	4129815	18.992	6.676	6.737	14.342	4.06E-03
600827	4129815	18.359	6.572	6.634	13.992	3.92E-03
600837	4129815	17.732	6.468	6.531	13.644	3.79E-03
600847	4129815	17.114	6.364	6.428	13.281	3.66E-03
600857	4129815	16.509	6.261	6.324	12.932	3.53E-03
600867	4129815	15.923	6.157	6.220	12.578	3.40E-03
600877	4129815	15.354	6.055	6.116	12.231	3.28E-03
600887	4129815	14.801	5.954	6.014	11.887	3.16E-03
600197	4129825	1.362	3.629	3.641	1.151	2.91E-04
600207	4129825	1.394	3.712	3.724	1.172	2.98E-04
600217	4129825	1.427	3.793	3.804	1.194	3.05E-04
600227	4129825	1.461	3.872	3.883	1.216	3.12E-04
600237	4129825	1.496	3.951	3.962	1.241	3.20E-04
600247	4129825	1.533	4.031	4.042	1.266	3.28E-04
600257	4129825	1.570	4.110	4.120	1.292	3.36E-04
600267	4129825	1.609	4.182	4.191	1.322	3.44E-04
600277	4129825	1.649	4.255	4.264	1.355	3.53E-04
600287	4129825	1.690	4.321	4.330	1.389	3.61E-04
600297	4129825	1.734	4.388	4.396	1.427	3.71E-04
600307	4129825	1.779	4.453	4.460	1.473	3.80E-04
600317	4129825	1.828	4.519	4.524	1.527	3.91E-04
600327	4129825	1.881	4.586	4.590	1.590	4.02E-04
600337	4129825	1.939	4.654	4.655	1.667	4.14E-04
600347	4129825	2.002	4.723	4.722	1.760	4.28E-04
600357	4129825	2.073	4.794	4.790	1.876	4.43E-04
600367	4129825	2.152	4.868	4.861	2.016	4.60E-04
600377	4129825	2.245	4.947	4.936	2.193	4.80E-04

600387	4129825	2.359	5.034	5.019	2.419	5.04E-04
600397	4129825	2.503	5.131	5.114	2.711	5.35E-04
600407	4129825	2.677	5.233	5.212	3.070	5.72E-04
600417	4129825	2.891	5.340	5.318	3.510	6.18E-04
600427	4129825	3.162	5.457	5.434	4.047	6.76E-04
600437	4129825	3.506	5.582	5.560	4.692	7.49E-04
600447	4129825	3.941	5.718	5.696	5.451	8.42E-04
600457	4129825	4.487	5.862	5.843	6.321	9.59E-04
600467	4129825	5.172	6.015	6.001	7.302	1.11E-03
600477	4129825	6.038	6.183	6.174	8.401	1.29E-03
600487	4129825	7.101	6.359	6.358	9.583	1.52E-03
600497	4129825	8.407	6.549	6.557	10.842	1.80E-03
600507	4129825	9.979	6.750	6.770	12.135	2.13E-03
600517	4129825	11.803	6.956	6.988	13.397	2.52E-03
600527	4129825	13.846	7.162	7.207	14.579	2.96E-03
600537	4129825	16.053	7.365	7.423	15.651	3.43E-03
600547	4129825	18.338	7.564	7.632	16.597	3.92E-03
600557	4129825	20.594	7.755	7.830	17.405	4.40E-03
600567	4129825	22.675	7.925	8.003	18.060	4.85E-03
600577	4129825	24.520	8.068	8.147	18.578	5.24E-03
600587	4129825	26.109	8.186	8.261	18.981	5.58E-03
600597	4129825	27.439	8.282	8.350	19.287	5.86E-03
600607	4129825	28.499	8.358	8.416	19.499	6.09E-03
600617	4129825	29.263	8.410	8.458	19.624	6.25E-03
600627	4129825	29.752	8.443	8.484	19.690	6.36E-03
600637	4129825	30.019	8.465	8.502	19.707	6.42E-03
600647	4129825	30.105	8.476	8.511	19.687	6.43E-03
600657	4129825	30.037	8.475	8.508	19.626	6.42E-03
600667	4129825	29.831	8.460	8.493	19.534	6.38E-03
600677	4129825	29.505	8.430	8.465	19.413	6.31E-03
600687	4129825	29.087	8.387	8.425	19.251	6.22E-03
600697	4129825	28.583	8.331	8.372	19.063	6.11E-03
600707	4129825	28.009	8.264	8.309	18.844	5.99E-03
600717	4129825	27.380	8.186	8.235	18.596	5.85E-03
600727	4129825	26.705	8.099	8.152	18.314	5.71E-03
600737	4129825	25.989	8.003	8.060	18.012	5.56E-03
600747	4129825	25.249	7.901	7.961	17.689	5.40E-03
600757	4129825	24.492	7.792	7.855	17.348	5.24E-03
600767	4129825	23.718	7.677	7.742	16.983	5.07E-03
600777	4129825	22.937	7.560	7.626	16.608	4.90E-03
600787	4129825	22.156	7.438	7.506	16.219	4.74E-03
600797	4129825	21.380	7.319	7.389	15.822	4.57E-03
600807	4129825	20.600	7.200	7.273	15.411	4.40E-03
600817	4129825	19.846	7.077	7.150	15.005	4.24E-03
600827	4129825	19.109	6.954	7.026	14.593	4.08E-03
600837	4129825	18.393	6.830	6.903	14.187	3.93E-03
600847	4129825	17.694	6.708	6.780	13.780	3.78E-03
600857	4129825	17.014	6.587	6.658	13.372	3.64E-03
600867	4129825	16.358	6.468	6.537	12.979	3.50E-03
600877	4129825	15.726	6.351	6.418	12.586	3.36E-03
600887	4129825	15.119	6.236	6.300	12.200	3.23E-03
600197	4129835	1.460	3.818	3.832	1.230	3.12E-04
600207	4129835	1.496	3.907	3.920	1.255	3.20E-04
600217	4129835	1.533	3.994	4.008	1.277	3.28E-04
600227	4129835	1.572	4.080	4.094	1.303	3.36E-04

600237	4129835	1.612	4.165	4.178	1.329	3.45E-04
600247	4129835	1.653	4.248	4.261	1.357	3.53E-04
600257	4129835	1.697	4.333	4.345	1.385	3.63E-04
600267	4129835	1.742	4.416	4.428	1.418	3.72E-04
600277	4129835	1.788	4.493	4.504	1.451	3.82E-04
600287	4129835	1.835	4.562	4.572	1.488	3.92E-04
600297	4129835	1.885	4.633	4.642	1.527	4.03E-04
600307	4129835	1.936	4.701	4.708	1.572	4.14E-04
600317	4129835	1.992	4.770	4.776	1.626	4.26E-04
600327	4129835	2.051	4.841	4.843	1.690	4.38E-04
600337	4129835	2.115	4.912	4.912	1.763	4.52E-04
600347	4129835	2.184	4.986	4.982	1.855	4.67E-04
600357	4129835	2.257	5.060	5.052	1.966	4.83E-04
600367	4129835	2.342	5.141	5.129	2.108	5.01E-04
600377	4129835	2.443	5.229	5.213	2.286	5.22E-04
600387	4129835	2.565	5.326	5.307	2.520	5.48E-04
600397	4129835	2.711	5.430	5.408	2.817	5.80E-04
600407	4129835	2.887	5.539	5.515	3.188	6.17E-04
600417	4129835	3.107	5.657	5.632	3.651	6.64E-04
600427	4129835	3.388	5.786	5.761	4.231	7.24E-04
600437	4129835	3.745	5.925	5.901	4.938	8.00E-04
600447	4129835	4.201	6.075	6.055	5.774	8.98E-04
600457	4129835	4.782	6.237	6.221	6.753	1.02E-03
600467	4129835	5.523	6.412	6.403	7.873	1.18E-03
600477	4129835	6.475	6.607	6.606	9.139	1.38E-03
600487	4129835	7.659	6.813	6.822	10.502	1.64E-03
600497	4129835	9.136	7.036	7.059	11.960	1.95E-03
600507	4129835	10.952	7.279	7.318	13.458	2.34E-03
600517	4129835	13.087	7.530	7.585	14.902	2.80E-03
600527	4129835	15.501	7.780	7.853	16.229	3.31E-03
600537	4129835	18.218	8.048	8.138	17.469	3.89E-03
600547	4129835	20.990	8.300	8.402	18.507	4.49E-03
600557	4129835	23.737	8.549	8.657	19.390	5.07E-03
600567	4129835	26.200	8.760	8.867	20.072	5.60E-03
600577	4129835	28.371	8.938	9.039	20.604	6.06E-03
600587	4129835	30.223	9.083	9.172	21.014	6.46E-03
600597	4129835	31.717	9.195	9.269	21.313	6.78E-03
600607	4129835	32.841	9.278	9.337	21.505	7.02E-03
600617	4129835	33.599	9.336	9.384	21.613	7.18E-03
600627	4129835	34.040	9.374	9.417	21.657	7.28E-03
600637	4129835	34.203	9.394	9.438	21.647	7.31E-03
600647	4129835	34.139	9.397	9.443	21.589	7.30E-03
600657	4129835	33.884	9.380	9.432	21.494	7.24E-03
600667	4129835	33.471	9.344	9.400	21.359	7.15E-03
600677	4129835	32.929	9.288	9.347	21.170	7.04E-03
600687	4129835	32.288	9.215	9.276	20.948	6.90E-03
600697	4129835	31.550	9.125	9.191	20.686	6.74E-03
600707	4129835	30.738	9.021	9.092	20.389	6.57E-03
600717	4129835	29.876	8.907	8.981	20.049	6.39E-03
600727	4129835	28.980	8.785	8.862	19.686	6.19E-03
600737	4129835	28.056	8.656	8.735	19.295	6.00E-03
600747	4129835	27.115	8.520	8.601	18.886	5.80E-03
600757	4129835	26.167	8.378	8.459	18.460	5.59E-03
600767	4129835	25.213	8.233	8.315	18.012	5.39E-03
600777	4129835	24.265	8.086	8.169	17.549	5.19E-03

600787	4129835	23.332	7.937	8.021	17.080	4.99E-03
600797	4129835	22.416	7.788	7.872	16.607	4.79E-03
600807	4129835	21.521	7.641	7.725	16.128	4.60E-03
600817	4129835	20.639	7.498	7.582	15.646	4.41E-03
600827	4129835	19.793	7.352	7.435	15.170	4.23E-03
600837	4129835	18.984	7.207	7.288	14.702	4.06E-03
600847	4129835	18.198	7.065	7.145	14.241	3.89E-03
600857	4129835	17.447	6.926	7.003	13.785	3.73E-03
600867	4129835	16.724	6.789	6.864	13.337	3.57E-03
600877	4129835	16.029	6.656	6.728	12.904	3.43E-03
600887	4129835	15.367	6.526	6.594	12.477	3.28E-03
600187	4129845	1.526	3.924	3.940	1.293	3.26E-04
600197	4129845	1.566	4.023	4.039	1.317	3.35E-04
600207	4129845	1.608	4.122	4.139	1.346	3.44E-04
600217	4129845	1.650	4.218	4.234	1.370	3.53E-04
600227	4129845	1.695	4.312	4.328	1.401	3.62E-04
600237	4129845	1.741	4.404	4.419	1.428	3.72E-04
600247	4129845	1.788	4.493	4.508	1.460	3.82E-04
600257	4129845	1.838	4.580	4.594	1.489	3.93E-04
600267	4129845	1.890	4.670	4.683	1.525	4.04E-04
600277	4129845	1.944	4.752	4.764	1.560	4.16E-04
600287	4129845	1.998	4.826	4.837	1.599	4.27E-04
600297	4129845	2.056	4.902	4.911	1.641	4.40E-04
600307	4129845	2.117	4.976	4.984	1.688	4.53E-04
600317	4129845	2.180	5.049	5.053	1.742	4.66E-04
600327	4129845	2.247	5.121	5.122	1.804	4.80E-04
600337	4129845	2.320	5.198	5.194	1.881	4.96E-04
600347	4129845	2.394	5.273	5.266	1.967	5.12E-04
600357	4129845	2.476	5.354	5.342	2.076	5.29E-04
600367	4129845	2.571	5.444	5.427	2.216	5.50E-04
600377	4129845	2.682	5.542	5.521	2.398	5.73E-04
600387	4129845	2.812	5.647	5.622	2.631	6.01E-04
600397	4129845	2.961	5.758	5.730	2.927	6.33E-04
600407	4129845	3.144	5.877	5.849	3.311	6.72E-04
600417	4129845	3.372	6.006	5.978	3.804	7.21E-04
600427	4129845	3.663	6.147	6.121	4.423	7.83E-04
600437	4129845	4.035	6.300	6.278	5.194	8.62E-04
600447	4129845	4.512	6.465	6.448	6.126	9.64E-04
600457	4129845	5.134	6.648	6.638	7.229	1.10E-03
600467	4129845	5.939	6.849	6.848	8.518	1.27E-03
600477	4129845	6.981	7.071	7.082	9.977	1.49E-03
600487	4129845	8.305	7.313	7.338	11.572	1.78E-03
600497	4129845	9.984	7.581	7.623	13.277	2.13E-03
600507	4129845	12.081	7.875	7.938	15.016	2.58E-03
600517	4129845	14.605	8.187	8.273	16.687	3.12E-03
600527	4129845	17.516	8.505	8.616	18.202	3.74E-03
600537	4129845	20.880	8.859	8.993	19.617	4.46E-03
600547	4129845	24.320	9.193	9.344	20.764	5.20E-03
600557	4129845	27.700	9.520	9.676	21.716	5.92E-03
600567	4129845	30.705	9.798	9.946	22.445	6.56E-03
600577	4129845	33.311	10.024	10.156	23.001	7.12E-03
600587	4129845	35.440	10.194	10.302	23.402	7.58E-03
600597	4129845	37.075	10.322	10.404	23.671	7.92E-03
600607	4129845	38.233	10.421	10.480	23.838	8.17E-03
600617	4129845	38.937	10.492	10.538	23.917	8.32E-03

600627	4129845	39.245	10.533	10.577	23.928	8.39E-03
600637	4129845	39.215	10.539	10.591	23.877	8.38E-03
600647	4129845	38.903	10.514	10.577	23.777	8.32E-03
600657	4129845	38.365	10.464	10.539	23.622	8.20E-03
600667	4129845	37.652	10.387	10.472	23.406	8.05E-03
600677	4129845	36.796	10.285	10.379	23.140	7.87E-03
600687	4129845	35.841	10.163	10.259	22.826	7.66E-03
600697	4129845	34.792	10.025	10.123	22.468	7.44E-03
600707	4129845	33.679	9.872	9.973	22.058	7.20E-03
600717	4129845	32.525	9.710	9.813	21.617	6.95E-03
600727	4129845	31.354	9.542	9.645	21.145	6.70E-03
600737	4129845	30.183	9.369	9.471	20.651	6.45E-03
600747	4129845	29.002	9.190	9.292	20.129	6.20E-03
600757	4129845	27.824	9.010	9.112	19.594	5.95E-03
600767	4129845	26.669	8.828	8.929	19.041	5.70E-03
600777	4129845	25.538	8.646	8.745	18.490	5.46E-03
600787	4129845	24.436	8.466	8.564	17.925	5.22E-03
600797	4129845	23.372	8.285	8.382	17.367	5.00E-03
600807	4129845	22.347	8.106	8.201	16.810	4.78E-03
600817	4129845	21.355	7.933	8.026	16.258	4.56E-03
600827	4129845	20.395	7.766	7.858	15.712	4.36E-03
600837	4129845	19.485	7.599	7.688	15.177	4.16E-03
600847	4129845	18.612	7.436	7.522	14.652	3.98E-03
600857	4129845	17.786	7.276	7.359	14.148	3.80E-03
600867	4129845	17.003	7.121	7.199	13.654	3.63E-03
600877	4129845	16.254	6.970	7.045	13.177	3.47E-03
600887	4129845	15.539	6.824	6.895	12.709	3.32E-03
600897	4129845	14.863	6.683	6.750	12.263	3.18E-03
600187	4129855	1.636	4.139	4.158	1.385	3.50E-04
600197	4129855	1.682	4.247	4.266	1.414	3.59E-04
600207	4129855	1.730	4.360	4.379	1.446	3.70E-04
600217	4129855	1.780	4.468	4.487	1.476	3.80E-04
600227	4129855	1.831	4.571	4.591	1.508	3.91E-04
600237	4129855	1.884	4.671	4.690	1.541	4.03E-04
600247	4129855	1.939	4.768	4.786	1.574	4.15E-04
600257	4129855	1.997	4.864	4.881	1.610	4.27E-04
600267	4129855	2.058	4.958	4.974	1.647	4.40E-04
600277	4129855	2.120	5.044	5.058	1.685	4.53E-04
600287	4129855	2.183	5.120	5.133	1.727	4.67E-04
600297	4129855	2.252	5.201	5.211	1.773	4.81E-04
600307	4129855	2.323	5.281	5.287	1.822	4.97E-04
600317	4129855	2.398	5.358	5.360	1.878	5.13E-04
600327	4129855	2.476	5.434	5.432	1.941	5.29E-04
600337	4129855	2.557	5.513	5.506	2.014	5.47E-04
600347	4129855	2.643	5.595	5.583	2.102	5.65E-04
600357	4129855	2.737	5.684	5.667	2.209	5.85E-04
600367	4129855	2.846	5.783	5.760	2.349	6.08E-04
600377	4129855	2.969	5.889	5.861	2.528	6.35E-04
600387	4129855	3.108	6.001	5.971	2.759	6.64E-04
600397	4129855	3.268	6.121	6.089	3.057	6.99E-04
600407	4129855	3.461	6.251	6.219	3.449	7.40E-04
600417	4129855	3.699	6.391	6.362	3.964	7.91E-04
600427	4129855	4.004	6.545	6.519	4.627	8.56E-04
600437	4129855	4.395	6.712	6.692	5.467	9.39E-04
600447	4129855	4.895	6.893	6.881	6.499	1.05E-03

600457	4129855	5.560	7.096	7.094	7.755	1.19E-03
600467	4129855	6.437	7.324	7.334	9.240	1.38E-03
600477	4129855	7.583	7.579	7.605	10.938	1.62E-03
600487	4129855	9.067	7.864	7.909	12.819	1.94E-03
600497	4129855	10.980	8.185	8.253	14.832	2.35E-03
600507	4129855	13.412	8.548	8.643	16.877	2.87E-03
600517	4129855	16.413	8.944	9.070	18.823	3.51E-03
600527	4129855	20.015	9.373	9.534	20.597	4.28E-03
600537	4129855	24.187	9.840	10.034	22.162	5.17E-03
600547	4129855	28.610	10.312	10.531	23.450	6.12E-03
600557	4129855	32.831	10.753	10.978	24.458	7.02E-03
600567	4129855	36.676	11.147	11.358	25.255	7.84E-03
600577	4129855	39.837	11.432	11.615	25.830	8.52E-03
600587	4129855	42.231	11.624	11.767	26.200	9.03E-03
600597	4129855	43.923	11.769	11.872	26.424	9.39E-03
600607	4129855	45.036	11.893	11.964	26.557	9.63E-03
600617	4129855	45.568	11.974	12.029	26.604	9.74E-03
600627	4129855	45.591	12.000	12.054	26.568	9.74E-03
600637	4129855	45.208	11.968	12.036	26.462	9.66E-03
600647	4129855	44.495	11.881	11.970	26.284	9.51E-03
600657	4129855	43.530	11.762	11.869	26.034	9.30E-03
600667	4129855	42.384	11.612	11.734	25.720	9.06E-03
600677	4129855	41.104	11.438	11.569	25.341	8.79E-03
600687	4129855	39.721	11.245	11.383	24.900	8.49E-03
600697	4129855	38.273	11.037	11.175	24.397	8.18E-03
600707	4129855	36.783	10.820	10.956	23.853	7.86E-03
600717	4129855	35.276	10.596	10.730	23.273	7.54E-03
600727	4129855	33.780	10.370	10.501	22.671	7.22E-03
600737	4129855	32.305	10.141	10.268	22.045	6.91E-03
600747	4129855	30.843	9.913	10.037	21.391	6.59E-03
600757	4129855	29.418	9.686	9.808	20.734	6.29E-03
600767	4129855	28.037	9.462	9.581	20.062	5.99E-03
600777	4129855	26.709	9.240	9.356	19.400	5.71E-03
600787	4129855	25.433	9.022	9.134	18.739	5.44E-03
600797	4129855	24.215	8.807	8.916	18.084	5.18E-03
600807	4129855	23.052	8.596	8.702	17.445	4.93E-03
600817	4129855	21.948	8.389	8.491	16.818	4.69E-03
600827	4129855	20.895	8.191	8.289	16.202	4.47E-03
600837	4129855	19.882	8.004	8.098	15.601	4.25E-03
600847	4129855	18.923	7.819	7.910	15.013	4.04E-03
600857	4129855	18.029	7.637	7.724	14.455	3.85E-03
600867	4129855	17.183	7.462	7.544	13.914	3.67E-03
600877	4129855	16.389	7.293	7.369	13.394	3.50E-03
600887	4129855	15.625	7.131	7.203	12.889	3.34E-03
600897	4129855	14.912	6.974	7.042	12.405	3.19E-03
600177	4129865	1.707	4.257	4.277	1.455	3.65E-04
600187	4129865	1.757	4.379	4.400	1.488	3.76E-04
600197	4129865	1.810	4.500	4.523	1.522	3.87E-04
600207	4129865	1.865	4.624	4.648	1.557	3.99E-04
600217	4129865	1.922	4.743	4.767	1.592	4.11E-04
600227	4129865	1.982	4.861	4.885	1.629	4.24E-04
600237	4129865	2.043	4.971	4.994	1.667	4.37E-04
600247	4129865	2.108	5.077	5.099	1.704	4.51E-04
600257	4129865	2.176	5.184	5.205	1.745	4.65E-04
600267	4129865	2.247	5.282	5.301	1.786	4.80E-04

600277	4129865	2.319	5.371	5.388	1.828	4.96E-04
600287	4129865	2.395	5.455	5.469	1.876	5.12E-04
600297	4129865	2.475	5.539	5.549	1.925	5.29E-04
600307	4129865	2.560	5.622	5.627	1.977	5.47E-04
600317	4129865	2.649	5.703	5.703	2.036	5.66E-04
600327	4129865	2.740	5.784	5.778	2.100	5.86E-04
600337	4129865	2.835	5.868	5.856	2.173	6.06E-04
600347	4129865	2.938	5.958	5.940	2.260	6.28E-04
600357	4129865	3.051	6.057	6.032	2.370	6.52E-04
600367	4129865	3.177	6.163	6.133	2.508	6.79E-04
600377	4129865	3.315	6.276	6.242	2.684	7.09E-04
600387	4129865	3.471	6.397	6.361	2.911	7.42E-04
600397	4129865	3.647	6.526	6.491	3.207	7.80E-04
600407	4129865	3.859	6.667	6.633	3.607	8.25E-04
600417	4129865	4.113	6.817	6.789	4.139	8.79E-04
600427	4129865	4.434	6.982	6.959	4.840	9.48E-04
600437	4129865	4.849	7.163	7.149	5.752	1.04E-03
600447	4129865	5.383	7.361	7.357	6.899	1.15E-03
600457	4129865	6.094	7.583	7.592	8.325	1.30E-03
600467	4129865	7.046	7.838	7.862	10.039	1.51E-03
600477	4129865	8.313	8.130	8.174	12.035	1.78E-03
600487	4129865	9.979	8.463	8.532	14.269	2.13E-03
600497	4129865	12.162	8.850	8.948	16.670	2.60E-03
600507	4129865	14.993	9.300	9.434	19.103	3.20E-03
600517	4129865	18.565	9.810	9.987	21.384	3.97E-03
600527	4129865	23.069	10.406	10.631	23.464	4.93E-03
600537	4129865	28.409	11.064	11.340	25.227	6.07E-03
600547	4129865	34.251	11.763	12.081	26.668	7.32E-03
600557	4129865	39.866	12.433	12.765	27.793	8.52E-03
600567	4129865	44.834	12.992	13.315	28.651	9.58E-03
600577	4129865	48.567	13.332	13.615	29.178	1.04E-02
600587	4129865	51.281	13.576	13.803	29.513	1.10E-02
600597	4129865	52.931	13.753	13.920	29.696	1.13E-02
600607	4129865	53.731	13.870	13.993	29.771	1.15E-02
600617	4129865	53.842	13.917	14.017	29.760	1.15E-02
600627	4129865	53.314	13.872	13.967	29.652	1.14E-02
600637	4129865	52.316	13.746	13.851	29.452	1.12E-02
600647	4129865	50.980	13.553	13.679	29.158	1.09E-02
600657	4129865	49.401	13.309	13.459	28.775	1.06E-02
600667	4129865	47.655	13.041	13.207	28.307	1.02E-02
600677	4129865	45.801	12.759	12.935	27.763	9.79E-03
600687	4129865	43.881	12.466	12.646	27.146	9.38E-03
600697	4129865	41.925	12.167	12.348	26.474	8.96E-03
600707	4129865	39.972	11.865	12.040	25.756	8.54E-03
600717	4129865	38.046	11.565	11.732	25.006	8.13E-03
600727	4129865	36.167	11.268	11.427	24.233	7.73E-03
600737	4129865	34.337	10.975	11.128	23.441	7.34E-03
600747	4129865	32.570	10.688	10.835	22.640	6.96E-03
600757	4129865	30.879	10.408	10.549	21.841	6.60E-03
600767	4129865	29.268	10.134	10.269	21.046	6.26E-03
600777	4129865	27.735	9.866	9.996	20.260	5.93E-03
600787	4129865	26.278	9.607	9.732	19.491	5.62E-03
600797	4129865	24.904	9.354	9.474	18.741	5.32E-03
600807	4129865	23.610	9.108	9.223	18.008	5.05E-03
600817	4129865	22.392	8.869	8.978	17.305	4.79E-03

600827	4129865	21.246	8.637	8.741	16.620	4.54E-03
600837	4129865	20.165	8.415	8.514	15.964	4.31E-03
600847	4129865	19.132	8.210	8.304	15.316	4.09E-03
600857	4129865	18.159	8.010	8.099	14.696	3.88E-03
600867	4129865	17.259	7.814	7.897	14.110	3.69E-03
600877	4129865	16.412	7.626	7.704	13.544	3.51E-03
600887	4129865	15.623	7.446	7.518	13.008	3.34E-03
600897	4129865	14.876	7.273	7.341	12.493	3.18E-03
600177	4129875	1.833	4.512	4.537	1.564	3.92E-04
600187	4129875	1.890	4.648	4.675	1.601	4.04E-04
600197	4129875	1.950	4.787	4.814	1.641	4.17E-04
600207	4129875	2.013	4.925	4.954	1.682	4.30E-04
600217	4129875	2.079	5.058	5.087	1.721	4.44E-04
600227	4129875	2.148	5.188	5.217	1.765	4.59E-04
600237	4129875	2.220	5.313	5.342	1.807	4.75E-04
600247	4129875	2.296	5.432	5.460	1.853	4.91E-04
600257	4129875	2.376	5.546	5.572	1.898	5.08E-04
600267	4129875	2.458	5.648	5.672	1.946	5.25E-04
600277	4129875	2.545	5.744	5.764	1.995	5.44E-04
600287	4129875	2.636	5.835	5.851	2.046	5.63E-04
600297	4129875	2.732	5.923	5.933	2.100	5.84E-04
600307	4129875	2.834	6.010	6.013	2.160	6.06E-04
600317	4129875	2.939	6.094	6.090	2.223	6.28E-04
600327	4129875	3.047	6.180	6.168	2.289	6.51E-04
600337	4129875	3.162	6.272	6.253	2.364	6.76E-04
600347	4129875	3.287	6.370	6.344	2.453	7.03E-04
600357	4129875	3.425	6.478	6.445	2.564	7.32E-04
600367	4129875	3.573	6.591	6.554	2.698	7.64E-04
600377	4129875	3.739	6.713	6.672	2.874	7.99E-04
600387	4129875	3.920	6.842	6.802	3.098	8.38E-04
600397	4129875	4.119	6.980	6.942	3.389	8.80E-04
600407	4129875	4.358	7.129	7.096	3.791	9.31E-04
600417	4129875	4.643	7.290	7.264	4.337	9.92E-04
600427	4129875	4.991	7.465	7.448	5.071	1.07E-03
600437	4129875	5.436	7.657	7.651	6.049	1.16E-03
600447	4129875	6.017	7.871	7.878	7.331	1.29E-03
600457	4129875	6.789	8.114	8.137	8.945	1.45E-03
600467	4129875	7.828	8.394	8.436	10.934	1.67E-03
600477	4129875	9.233	8.723	8.789	13.288	1.97E-03
600487	4129875	11.112	9.111	9.206	15.968	2.38E-03
600497	4129875	13.606	9.573	9.705	18.854	2.91E-03
600507	4129875	16.911	10.134	10.312	21.788	3.61E-03
600517	4129875	21.219	10.810	11.048	24.524	4.54E-03
600527	4129875	26.880	11.651	11.960	26.966	5.75E-03
600537	4129875	33.959	12.646	13.040	28.980	7.26E-03
600547	4129875	42.090	13.778	14.257	30.605	9.00E-03
600557	4129875	49.962	14.905	15.445	31.855	1.07E-02
600567	4129875	56.159	15.681	16.228	32.677	1.20E-02
600577	4129875	60.507	16.125	16.615	33.163	1.29E-02
600587	4129875	63.332	16.444	16.864	33.450	1.35E-02
600597	4129875	64.711	16.615	16.962	33.591	1.38E-02
600607	4129875	64.853	16.622	16.897	33.604	1.39E-02
600617	4129875	64.067	16.491	16.715	33.493	1.37E-02
600627	4129875	62.579	16.252	16.441	33.263	1.34E-02
600637	4129875	60.634	15.929	16.109	32.909	1.30E-02



600647	4129875	58.380	15.547	15.733	32.435	1.25E-02
600657	4129875	55.938	15.129	15.328	31.848	1.20E-02
600667	4129875	53.391	14.693	14.907	31.162	1.14E-02
600677	4129875	50.796	14.259	14.482	30.389	1.09E-02
600687	4129875	48.200	13.832	14.057	29.547	1.03E-02
600697	4129875	45.640	13.415	13.635	28.655	9.76E-03
600707	4129875	43.131	13.010	13.224	27.719	9.22E-03
600717	4129875	40.716	12.617	12.819	26.759	8.70E-03
600727	4129875	38.404	12.236	12.426	25.787	8.21E-03
600737	4129875	36.200	11.869	12.048	24.812	7.74E-03
600747	4129875	34.113	11.515	11.684	23.843	7.29E-03
600757	4129875	32.143	11.174	11.333	22.890	6.87E-03
600767	4129875	30.288	10.845	10.996	21.951	6.47E-03
600777	4129875	28.550	10.527	10.671	21.045	6.10E-03
600787	4129875	26.929	10.221	10.357	20.160	5.76E-03
600797	4129875	25.407	9.926	10.056	19.310	5.43E-03
600807	4129875	23.989	9.642	9.765	18.492	5.13E-03
600817	4129875	22.669	9.367	9.483	17.705	4.85E-03
600827	4129875	21.437	9.103	9.211	16.952	4.58E-03
600837	4129875	20.285	8.851	8.953	16.231	4.34E-03
600847	4129875	19.208	8.611	8.706	15.542	4.11E-03
600857	4129875	18.179	8.391	8.481	14.869	3.89E-03
600867	4129875	17.219	8.177	8.260	14.229	3.68E-03
600877	4129875	16.343	7.968	8.046	13.635	3.49E-03
600887	4129875	15.524	7.770	7.841	13.063	3.32E-03
600897	4129875	14.755	7.580	7.646	12.519	3.15E-03
600907	4129875	14.049	7.398	7.459	12.015	3.00E-03
600177	4129885	1.970	4.803	4.833	1.685	4.21E-04
600187	4129885	2.036	4.961	4.993	1.728	4.35E-04
600197	4129885	2.104	5.112	5.146	1.774	4.50E-04
600207	4129885	2.176	5.267	5.303	1.820	4.65E-04
600217	4129885	2.252	5.418	5.455	1.866	4.81E-04
600227	4129885	2.332	5.563	5.600	1.918	4.98E-04
600237	4129885	2.417	5.707	5.745	1.968	5.17E-04
600247	4129885	2.506	5.839	5.875	2.021	5.36E-04
600257	4129885	2.599	5.959	5.992	2.072	5.55E-04
600267	4129885	2.696	6.070	6.099	2.128	5.76E-04
600277	4129885	2.800	6.172	6.196	2.184	5.98E-04
600287	4129885	2.909	6.268	6.285	2.243	6.22E-04
600297	4129885	3.025	6.361	6.370	2.308	6.46E-04
600307	4129885	3.147	6.451	6.451	2.372	6.73E-04
600317	4129885	3.271	6.540	6.531	2.438	6.99E-04
600327	4129885	3.403	6.634	6.616	2.512	7.27E-04
600337	4129885	3.546	6.735	6.708	2.593	7.58E-04
600347	4129885	3.702	6.843	6.809	2.688	7.91E-04
600357	4129885	3.870	6.958	6.918	2.799	8.27E-04
600367	4129885	4.048	7.079	7.036	2.934	8.65E-04
600377	4129885	4.250	7.208	7.164	3.107	9.09E-04
600387	4129885	4.469	7.344	7.302	3.326	9.55E-04
600397	4129885	4.709	7.489	7.453	3.614	1.01E-03
600407	4129885	4.989	7.644	7.616	4.010	1.07E-03
600417	4129885	5.319	7.812	7.793	4.561	1.14E-03
600427	4129885	5.718	7.996	7.989	5.326	1.22E-03
600437	4129885	6.214	8.198	8.204	6.375	1.33E-03
600447	4129885	6.862	8.426	8.448	7.784	1.47E-03

600457	4129885	7.723	8.689	8.729	9.630	1.65E-03
600467	4129885	8.882	8.996	9.057	11.941	1.90E-03
600477	4129885	10.458	9.363	9.451	14.732	2.24E-03
600487	4129885	12.598	9.809	9.931	17.971	2.69E-03
600497	4129885	15.478	10.357	10.524	21.496	3.31E-03
600507	4129885	19.345	11.048	11.274	25.065	4.14E-03
600517	4129885	24.559	11.943	12.249	28.390	5.25E-03
600527	4129885	31.713	13.146	13.564	31.302	6.78E-03
600537	4129885	41.402	14.736	15.310	33.614	8.85E-03
600547	4129885	53.764	16.864	17.671	35.541	1.15E-02
600557	4129885	64.804	18.929	19.982	36.794	1.39E-02
600567	4129885	72.509	20.172	21.287	37.529	1.55E-02
600577	4129885	77.267	20.847	21.875	37.972	1.65E-02
600587	4129885	79.516	21.047	21.922	38.205	1.70E-02
600597	4129885	79.845	20.875	21.599	38.275	1.71E-02
600607	4129885	78.692	20.453	21.041	38.176	1.68E-02
600617	4129885	76.431	19.874	20.339	37.910	1.63E-02
600627	4129885	73.458	19.227	19.589	37.476	1.57E-02
600637	4129885	70.131	18.560	18.867	36.883	1.50E-02
600647	4129885	66.604	17.886	18.161	36.134	1.42E-02
600657	4129885	63.007	17.220	17.481	35.253	1.35E-02
600667	4129885	59.430	16.570	16.831	34.269	1.27E-02
600677	4129885	55.929	15.943	16.207	33.196	1.20E-02
600687	4129885	52.529	15.346	15.609	32.070	1.12E-02
600697	4129885	49.244	14.787	15.045	30.891	1.05E-02
600707	4129885	46.111	14.257	14.506	29.695	9.86E-03
600717	4129885	43.149	13.754	13.991	28.486	9.22E-03
600727	4129885	40.384	13.278	13.498	27.288	8.63E-03
600737	4129885	37.799	12.825	13.029	26.112	8.08E-03
600747	4129885	35.384	12.395	12.585	24.957	7.56E-03
600757	4129885	33.133	11.985	12.163	23.838	7.08E-03
600767	4129885	31.054	11.594	11.761	22.755	6.64E-03
600777	4129885	29.125	11.221	11.378	21.718	6.23E-03
600787	4129885	27.345	10.864	11.011	20.726	5.84E-03
600797	4129885	25.697	10.523	10.661	19.771	5.49E-03
600807	4129885	24.173	10.196	10.326	18.866	5.17E-03
600817	4129885	22.763	9.884	10.005	18.004	4.87E-03
600827	4129885	21.459	9.585	9.698	17.186	4.59E-03
600837	4129885	20.249	9.302	9.406	16.406	4.33E-03
600847	4129885	19.128	9.032	9.128	15.669	4.09E-03
600857	4129885	18.076	8.782	8.870	14.964	3.86E-03
600867	4129885	17.072	8.550	8.632	14.278	3.65E-03
600877	4129885	16.167	8.321	8.397	13.645	3.46E-03
600887	4129885	15.329	8.103	8.173	13.054	3.28E-03
600897	4129885	14.555	7.895	7.960	12.492	3.11E-03
600907	4129885	13.827	7.697	7.758	11.960	2.96E-03
600177	4129895	2.119	5.126	5.163	1.819	4.53E-04
600187	4129895	2.194	5.315	5.354	1.869	4.69E-04
600197	4129895	2.273	5.494	5.536	1.923	4.86E-04
600207	4129895	2.355	5.664	5.708	1.975	5.03E-04
600217	4129895	2.442	5.833	5.880	2.031	5.22E-04
600227	4129895	2.536	6.004	6.051	2.088	5.42E-04
600237	4129895	2.635	6.165	6.212	2.150	5.63E-04
600247	4129895	2.738	6.308	6.354	2.210	5.85E-04
600257	4129895	2.847	6.439	6.481	2.274	6.09E-04

600267	4129895	2.963	6.558	6.595	2.337	6.33E-04
600277	4129895	3.086	6.667	6.696	2.406	6.60E-04
600287	4129895	3.217	6.768	6.787	2.473	6.88E-04
600297	4129895	3.357	6.866	6.872	2.548	7.18E-04
600307	4129895	3.502	6.960	6.955	2.620	7.49E-04
600317	4129895	3.653	7.057	7.042	2.695	7.81E-04
600327	4129895	3.817	7.161	7.135	2.779	8.16E-04
600337	4129895	3.999	7.273	7.237	2.870	8.55E-04
600347	4129895	4.192	7.389	7.346	2.974	8.96E-04
600357	4129895	4.397	7.511	7.465	3.089	9.40E-04
600367	4129895	4.621	7.639	7.593	3.224	9.88E-04
600377	4129895	4.866	7.772	7.729	3.393	1.04E-03
600387	4129895	5.139	7.912	7.874	3.609	1.10E-03
600397	4129895	5.443	8.059	8.030	3.894	1.16E-03
600407	4129895	5.786	8.217	8.198	4.284	1.24E-03
600417	4129895	6.185	8.388	8.382	4.828	1.32E-03
600427	4129895	6.661	8.576	8.584	5.609	1.42E-03
600437	4129895	7.248	8.786	8.809	6.719	1.55E-03
600447	4129895	8.000	9.026	9.066	8.263	1.71E-03
600457	4129895	8.996	9.306	9.365	10.356	1.92E-03
600467	4129895	10.341	9.640	9.723	13.061	2.21E-03
600477	4129895	12.176	10.048	10.160	16.418	2.60E-03
600487	4129895	14.690	10.557	10.707	20.375	3.14E-03
600497	4129895	18.094	11.202	11.403	24.737	3.87E-03
600507	4129895	22.708	12.045	12.319	29.138	4.85E-03
600517	4129895	29.079	13.212	13.592	33.246	6.22E-03
600527	4129895	38.089	14.900	15.450	36.712	8.14E-03
600537	4129895	51.669	17.548	18.402	39.495	1.10E-02
600547	4129895	70.921	21.907	23.488	41.637	1.52E-02
600557	4129895	87.273	27.149	29.827	42.840	1.87E-02
600567	4129895	96.618	30.092	33.097	43.510	2.07E-02
600577	4129895	100.562	30.057	32.638	43.888	2.15E-02
600587	4129895	100.910	28.740	30.731	44.038	2.16E-02
600597	4129895	98.897	27.141	28.611	43.960	2.11E-02
600607	4129895	95.413	25.624	26.745	43.660	2.04E-02
600617	4129895	90.916	24.191	25.043	43.118	1.94E-02
600627	4129895	85.862	22.864	23.508	42.360	1.84E-02
600637	4129895	80.642	21.666	22.165	41.390	1.72E-02
600647	4129895	75.457	20.577	20.985	40.243	1.61E-02
600657	4129895	70.399	19.580	19.927	38.960	1.50E-02
600667	4129895	65.552	18.660	18.978	37.575	1.40E-02
600677	4129895	60.967	17.808	18.113	36.125	1.30E-02
600687	4129895	56.627	17.017	17.314	34.627	1.21E-02
600697	4129895	52.543	16.287	16.576	33.117	1.12E-02
600707	4129895	48.740	15.611	15.890	31.609	1.04E-02
600717	4129895	45.227	14.982	15.247	30.126	9.67E-03
600727	4129895	41.988	14.396	14.644	28.680	8.97E-03
600737	4129895	39.027	13.848	14.076	27.287	8.34E-03
600747	4129895	36.300	13.332	13.542	25.942	7.76E-03
600757	4129895	33.797	12.846	13.040	24.651	7.22E-03
600767	4129895	31.506	12.386	12.567	23.427	6.73E-03
600777	4129895	29.419	11.951	12.119	22.256	6.29E-03
600787	4129895	27.504	11.538	11.695	21.155	5.88E-03
600797	4129895	25.748	11.146	11.292	20.106	5.50E-03
600807	4129895	24.138	10.774	10.909	19.119	5.16E-03

600817	4129895	22.659	10.421	10.546	18.185	4.84E-03
600827	4129895	21.302	10.086	10.201	17.306	4.55E-03
600837	4129895	20.049	9.771	9.876	16.477	4.29E-03
600847	4129895	18.903	9.469	9.564	15.699	4.04E-03
600857	4129895	17.833	9.190	9.276	14.962	3.81E-03
600867	4129895	16.821	8.932	9.012	14.255	3.60E-03
600877	4129895	15.893	8.684	8.758	13.592	3.40E-03
600887	4129895	15.048	8.446	8.514	12.973	3.22E-03
600897	4129895	14.264	8.219	8.283	12.397	3.05E-03
600907	4129895	13.536	8.004	8.064	11.849	2.89E-03
600167	4129905	2.198	5.277	5.317	1.910	4.70E-04
600177	4129905	2.280	5.493	5.538	1.967	4.87E-04
600187	4129905	2.365	5.709	5.758	2.024	5.06E-04
600197	4129905	2.456	5.924	5.977	2.087	5.25E-04
600207	4129905	2.552	6.132	6.189	2.150	5.45E-04
600217	4129905	2.653	6.331	6.389	2.217	5.67E-04
600227	4129905	2.761	6.524	6.584	2.283	5.90E-04
600237	4129905	2.874	6.700	6.759	2.354	6.14E-04
600247	4129905	2.995	6.860	6.917	2.428	6.40E-04
600257	4129905	3.124	7.003	7.055	2.500	6.68E-04
600267	4129905	3.261	7.131	7.175	2.580	6.97E-04
600277	4129905	3.408	7.246	7.279	2.659	7.28E-04
600287	4129905	3.565	7.353	7.371	2.742	7.62E-04
600297	4129905	3.731	7.454	7.458	2.828	7.97E-04
600307	4129905	3.905	7.557	7.548	2.912	8.35E-04
600317	4129905	4.093	7.666	7.643	3.002	8.75E-04
600327	4129905	4.299	7.781	7.747	3.100	9.19E-04
600337	4129905	4.525	7.901	7.857	3.205	9.67E-04
600347	4129905	4.763	8.025	7.977	3.319	1.02E-03
600357	4129905	5.022	8.153	8.105	3.445	1.07E-03
600367	4129905	5.306	8.283	8.239	3.588	1.13E-03
600377	4129905	5.614	8.417	8.381	3.756	1.20E-03
600387	4129905	5.958	8.555	8.528	3.970	1.27E-03
600397	4129905	6.346	8.699	8.684	4.249	1.36E-03
600407	4129905	6.783	8.853	8.851	4.630	1.45E-03
600417	4129905	7.289	9.020	9.033	5.165	1.56E-03
600427	4129905	7.885	9.207	9.235	5.943	1.69E-03
600437	4129905	8.612	9.420	9.464	7.090	1.84E-03
600447	4129905	9.535	9.667	9.729	8.764	2.04E-03
600457	4129905	10.754	9.962	10.044	11.133	2.30E-03
600467	4129905	12.393	10.322	10.427	14.314	2.65E-03
600477	4129905	14.650	10.772	10.907	18.376	3.13E-03
600487	4129905	17.787	11.351	11.526	23.313	3.80E-03
600497	4129905	22.021	12.092	12.325	28.759	4.71E-03
600507	4129905	27.887	13.111	13.430	34.337	5.96E-03
600517	4129905	36.177	14.615	15.069	39.533	7.73E-03
600527	4129905	47.978	16.909	17.601	43.645	1.03E-02
600537	4129905	65.366	21.164	22.447	46.999	1.40E-02
600547	4129905	90.326	30.516	34.043	49.244	1.93E-02
600557	4129905	115.935	26.848	29.551	50.365	2.48E-02
600567	4129905	128.219	22.786	24.545	50.982	2.74E-02
600577	4129905	130.297	47.478	54.010	51.265	2.79E-02
600587	4129905	127.333	40.773	44.993	51.242	2.72E-02
600597	4129905	121.799	35.945	38.802	50.895	2.60E-02
600607	4129905	114.848	32.319	34.293	50.215	2.45E-02

600617	4129905	107.218	29.492	30.908	49.219	2.29E-02
600627	4129905	99.455	27.217	28.272	47.932	2.13E-02
600637	4129905	91.837	25.291	26.075	46.407	1.96E-02
600647	4129905	84.581	23.650	24.246	44.707	1.81E-02
600657	4129905	77.756	22.230	22.701	42.881	1.66E-02
600667	4129905	71.419	20.981	21.379	40.979	1.53E-02
600677	4129905	65.586	19.864	20.221	39.057	1.40E-02
600687	4129905	60.188	18.851	19.179	37.121	1.29E-02
600697	4129905	55.298	17.928	18.242	35.233	1.18E-02
600707	4129905	50.805	17.084	17.386	33.383	1.09E-02
600717	4129905	46.762	16.311	16.599	31.605	1.00E-02
600727	4129905	43.082	15.600	15.872	29.899	9.21E-03
600737	4129905	39.754	14.942	15.196	28.268	8.50E-03
600747	4129905	36.779	14.331	14.564	26.747	7.86E-03
600757	4129905	34.074	13.760	13.972	25.286	7.28E-03
600767	4129905	31.625	13.224	13.418	23.927	6.76E-03
600777	4129905	29.399	12.720	12.899	22.634	6.28E-03
600787	4129905	27.381	12.246	12.411	21.427	5.85E-03
600797	4129905	25.546	11.799	11.951	20.293	5.46E-03
600807	4129905	23.876	11.378	11.517	19.232	5.10E-03
600817	4129905	22.352	10.981	11.109	18.238	4.78E-03
600827	4129905	20.960	10.608	10.725	17.308	4.48E-03
600837	4129905	19.697	10.255	10.359	16.443	4.21E-03
600847	4129905	18.540	9.921	10.014	15.638	3.96E-03
600857	4129905	17.452	9.617	9.702	14.865	3.73E-03
600867	4129905	16.441	9.332	9.410	14.136	3.51E-03
600877	4129905	15.509	9.061	9.133	13.450	3.32E-03
600887	4129905	14.670	8.801	8.868	12.821	3.14E-03
600897	4129905	13.889	8.554	8.618	12.235	2.97E-03
600907	4129905	13.168	8.319	8.381	11.676	2.81E-03
600167	4129915	2.362	5.661	5.711	2.063	5.05E-04
600177	4129915	2.453	5.913	5.969	2.130	5.24E-04
600187	4129915	2.551	6.167	6.230	2.197	5.45E-04
600197	4129915	2.654	6.420	6.488	2.270	5.67E-04
600207	4129915	2.764	6.672	6.744	2.344	5.91E-04
600217	4129915	2.881	6.911	6.985	2.424	6.16E-04
600227	4129915	3.006	7.138	7.212	2.505	6.43E-04
600237	4129915	3.138	7.341	7.413	2.588	6.71E-04
600247	4129915	3.279	7.519	7.587	2.675	7.01E-04
600257	4129915	3.430	7.675	7.735	2.766	7.33E-04
600267	4129915	3.593	7.811	7.860	2.858	7.68E-04
600277	4129915	3.768	7.932	7.966	2.957	8.05E-04
600287	4129915	3.953	8.043	8.060	3.054	8.45E-04
600297	4129915	4.150	8.154	8.156	3.156	8.87E-04
600307	4129915	4.363	8.271	8.256	3.260	9.33E-04
600317	4129915	4.597	8.393	8.362	3.372	9.83E-04
600327	4129915	4.854	8.517	8.474	3.490	1.04E-03
600337	4129915	5.128	8.645	8.598	3.613	1.10E-03
600347	4129915	5.427	8.773	8.726	3.742	1.16E-03
600357	4129915	5.754	8.901	8.859	3.883	1.23E-03
600367	4129915	6.117	9.026	8.993	4.042	1.31E-03
600377	4129915	6.515	9.152	9.131	4.223	1.39E-03
600387	4129915	6.956	9.280	9.273	4.437	1.49E-03
600397	4129915	7.452	9.412	9.420	4.712	1.59E-03
600407	4129915	8.020	9.554	9.577	5.080	1.71E-03

600417	4129915	8.681	9.710	9.748	5.601	1.86E-03
600427	4129915	9.458	9.888	9.942	6.365	2.02E-03
600437	4129915	10.400	10.097	10.167	7.527	2.22E-03
600447	4129915	11.585	10.346	10.433	9.303	2.48E-03
600457	4129915	13.146	10.651	10.758	11.946	2.81E-03
600467	4129915	15.243	11.029	11.159	15.667	3.26E-03
600477	4129915	18.182	11.516	11.677	20.657	3.89E-03
600487	4129915	22.324	12.154	12.357	26.872	4.77E-03
600497	4129915	28.032	12.987	13.251	33.868	5.99E-03
600507	4129915	36.225	14.167	14.528	41.112	7.74E-03
600517	4129915	48.239	15.943	16.464	47.665	1.03E-02
600527	4129915	66.064	18.839	19.668	52.837	1.41E-02
600567	4129915	157.018	21.935	23.512	60.506	3.36E-02
600577	4129915	162.185	54.219	63.460	60.580	3.47E-02
600587	4129915	156.965	58.394	67.014	60.195	3.36E-02
600597	4129915	147.529	47.906	53.152	59.319	3.15E-02
600607	4129915	136.426	40.958	44.383	57.981	2.92E-02
600617	4129915	124.849	36.032	38.332	56.225	2.67E-02
600627	4129915	113.631	32.381	34.008	54.147	2.43E-02
600637	4129915	103.170	29.540	30.742	51.851	2.21E-02
600647	4129915	93.487	27.200	28.091	49.404	2.00E-02
600657	4129915	84.602	25.239	25.904	46.872	1.81E-02
600667	4129915	76.603	23.583	24.114	44.352	1.64E-02
600677	4129915	69.412	22.142	22.583	41.864	1.48E-02
600687	4129915	62.971	20.868	21.248	39.447	1.35E-02
600697	4129915	57.247	19.726	20.070	37.134	1.22E-02
600707	4129915	52.161	18.695	19.016	34.931	1.11E-02
600717	4129915	47.608	17.759	18.063	32.841	1.02E-02
600727	4129915	43.571	16.905	17.194	30.878	9.31E-03
600737	4129915	39.950	16.123	16.396	29.021	8.54E-03
600747	4129915	36.752	15.403	15.656	27.305	7.86E-03
600757	4129915	33.910	14.736	14.966	25.705	7.25E-03
600767	4129915	31.367	14.113	14.320	24.224	6.70E-03
600777	4129915	29.046	13.534	13.724	22.818	6.21E-03
600787	4129915	26.963	12.992	13.166	21.526	5.76E-03
600797	4129915	25.086	12.485	12.643	20.317	5.36E-03
600807	4129915	23.387	12.010	12.154	19.196	5.00E-03
600817	4129915	21.847	11.567	11.696	18.161	4.67E-03
600827	4129915	20.457	11.150	11.266	17.195	4.37E-03
600837	4129915	19.202	10.756	10.858	16.304	4.10E-03
600847	4129915	18.022	10.399	10.491	15.460	3.85E-03
600857	4129915	16.934	10.066	10.149	14.661	3.62E-03
600867	4129915	15.938	9.751	9.828	13.922	3.41E-03
600877	4129915	15.043	9.451	9.522	13.245	3.22E-03
600887	4129915	14.208	9.168	9.235	12.603	3.04E-03
600897	4129915	13.448	8.899	8.964	12.006	2.87E-03
600907	4129915	12.735	8.643	8.708	11.444	2.72E-03
600917	4129915	12.079	8.398	8.464	10.922	2.58E-03
600167	4129925	2.537	6.101	6.164	2.232	5.42E-04
600177	4129925	2.641	6.401	6.473	2.310	5.64E-04
600187	4129925	2.751	6.706	6.786	2.391	5.88E-04
600197	4129925	2.868	7.009	7.096	2.475	6.13E-04
600207	4129925	2.994	7.306	7.400	2.562	6.40E-04
600217	4129925	3.128	7.593	7.690	2.655	6.69E-04
600227	4129925	3.272	7.870	7.964	2.753	6.99E-04

600237	4129925	3.427	8.114	8.201	2.853	7.32E-04
600247	4129925	3.591	8.316	8.395	2.957	7.68E-04
600257	4129925	3.767	8.485	8.552	3.066	8.05E-04
600267	4129925	3.959	8.631	8.680	3.182	8.46E-04
600277	4129925	4.164	8.758	8.787	3.299	8.90E-04
600287	4129925	4.383	8.880	8.891	3.420	9.37E-04
600297	4129925	4.620	9.006	8.999	3.545	9.88E-04
600307	4129925	4.882	9.138	9.112	3.678	1.04E-03
600317	4129925	5.170	9.270	9.231	3.817	1.11E-03
600327	4129925	5.481	9.403	9.359	3.962	1.17E-03
600337	4129925	5.820	9.534	9.491	4.111	1.24E-03
600347	4129925	6.196	9.656	9.619	4.268	1.32E-03
600357	4129925	6.606	9.773	9.749	4.434	1.41E-03
600367	4129925	7.067	9.881	9.871	4.618	1.51E-03
600377	4129925	7.583	9.986	9.990	4.823	1.62E-03
600387	4129925	8.153	10.092	10.114	5.051	1.74E-03
600397	4129925	8.799	10.201	10.241	5.327	1.88E-03
600407	4129925	9.541	10.320	10.375	5.688	2.04E-03
600417	4129925	10.411	10.455	10.525	6.193	2.23E-03
600427	4129925	11.437	10.615	10.700	6.925	2.44E-03
600437	4129925	12.686	10.810	10.910	8.067	2.71E-03
600447	4129925	14.251	11.052	11.169	9.889	3.05E-03
600457	4129925	16.306	11.358	11.492	12.779	3.49E-03
600467	4129925	19.100	11.749	11.905	17.134	4.08E-03
600477	4129925	23.073	12.262	12.447	23.300	4.93E-03
600487	4129925	28.736	12.934	13.163	31.246	6.14E-03
600497	4129925	36.829	13.825	14.118	40.487	7.87E-03
600507	4129925	48.916	15.090	15.484	50.121	1.05E-02
600517	4129925	67.451	17.001	17.564	58.713	1.44E-02
600577	4129925	185.783	40.590	45.773	72.444	3.97E-02
600587	4129925	185.243	44.620	50.655	71.282	3.96E-02
600597	4129925	174.149	65.276	75.263	69.430	3.72E-02
600607	4129925	159.026	52.680	58.601	66.966	3.40E-02
600617	4129925	143.008	44.516	48.345	64.048	3.06E-02
600627	4129925	127.687	38.816	41.384	60.846	2.73E-02
600637	4129925	113.710	34.582	36.362	57.477	2.43E-02
600647	4129925	101.295	31.365	32.670	54.086	2.17E-02
600657	4129925	90.233	28.739	29.710	50.724	1.93E-02
600667	4129925	80.417	26.541	27.260	47.467	1.72E-02
600677	4129925	71.926	24.703	25.269	44.367	1.54E-02
600687	4129925	64.547	23.114	23.579	41.436	1.38E-02
600697	4129925	58.102	21.715	22.108	38.681	1.24E-02
600707	4129925	52.496	20.468	20.818	36.119	1.12E-02
600717	4129925	47.616	19.348	19.670	33.737	1.02E-02
600727	4129925	43.352	18.330	18.634	31.539	9.27E-03
600737	4129925	39.571	17.406	17.693	29.493	8.46E-03
600747	4129925	36.212	16.562	16.832	27.597	7.74E-03
600757	4129925	33.288	15.786	16.033	25.866	7.12E-03
600767	4129925	30.704	15.065	15.287	24.283	6.56E-03
600777	4129925	28.356	14.401	14.603	22.797	6.06E-03
600787	4129925	26.258	13.783	13.966	21.437	5.61E-03
600797	4129925	24.376	13.209	13.374	20.177	5.21E-03
600807	4129925	22.683	12.677	12.824	19.011	4.85E-03
600817	4129925	21.160	12.181	12.311	17.943	4.52E-03
600827	4129925	19.794	11.717	11.832	16.960	4.23E-03

600837	4129925	18.536	11.291	11.393	16.039	3.96E-03
600847	4129925	17.378	10.898	10.989	15.179	3.71E-03
600857	4129925	16.322	10.530	10.612	14.378	3.49E-03
600867	4129925	15.360	10.184	10.260	13.636	3.28E-03
600877	4129925	14.485	9.857	9.928	12.955	3.10E-03
600887	4129925	13.684	9.547	9.617	12.320	2.93E-03
600897	4129925	12.940	9.254	9.323	11.723	2.77E-03
600907	4129925	12.256	8.974	9.045	11.167	2.62E-03
600917	4129925	11.625	8.707	8.780	10.650	2.48E-03
600167	4129935	2.724	6.610	6.690	2.419	5.82E-04
600177	4129935	2.841	6.972	7.064	2.509	6.07E-04
600187	4129935	2.966	7.342	7.447	2.602	6.34E-04
600197	4129935	3.099	7.713	7.829	2.701	6.62E-04
600207	4129935	3.241	8.079	8.203	2.805	6.93E-04
600217	4129935	3.394	8.430	8.558	2.915	7.26E-04
600227	4129935	3.560	8.762	8.884	3.031	7.61E-04
600237	4129935	3.738	9.057	9.166	3.153	7.99E-04
600247	4129935	3.929	9.293	9.384	3.282	8.40E-04
600257	4129935	4.135	9.481	9.549	3.413	8.84E-04
600267	4129935	4.357	9.635	9.679	3.554	9.31E-04
600277	4129935	4.596	9.777	9.795	3.697	9.82E-04
600287	4129935	4.856	9.919	9.915	3.846	1.04E-03
600297	4129935	5.145	10.063	10.039	4.008	1.10E-03
600307	4129935	5.462	10.206	10.168	4.178	1.17E-03
600317	4129935	5.807	10.349	10.308	4.356	1.24E-03
600327	4129935	6.186	10.481	10.446	4.537	1.32E-03
600337	4129935	6.606	10.597	10.572	4.725	1.41E-03
600347	4129935	7.073	10.697	10.685	4.926	1.51E-03
600357	4129935	7.586	10.786	10.794	5.131	1.62E-03
600367	4129935	8.165	10.861	10.888	5.350	1.75E-03
600377	4129935	8.826	10.925	10.969	5.595	1.89E-03
600387	4129935	9.560	10.993	11.056	5.853	2.04E-03
600397	4129935	10.405	11.064	11.144	6.157	2.22E-03
600407	4129935	11.381	11.147	11.241	6.524	2.43E-03
600417	4129935	12.518	11.249	11.358	7.011	2.68E-03
600427	4129935	13.878	11.381	11.501	7.711	2.97E-03
600437	4129935	15.540	11.552	11.685	8.799	3.32E-03
600447	4129935	17.623	11.777	11.924	10.596	3.77E-03
600457	4129935	20.360	12.073	12.235	13.656	4.35E-03
600467	4129935	24.128	12.464	12.646	18.683	5.16E-03
600477	4129935	29.507	12.981	13.190	26.311	6.31E-03
600487	4129935	37.331	13.660	13.911	36.684	7.98E-03
600497	4129935	48.836	14.551	14.865	49.189	1.04E-02
600507	4129935	66.757	15.817	16.230	62.572	1.43E-02
600517	4129935	92.706	17.715	18.289	74.471	1.98E-02
600587	4129935	202.338	33.874	37.093	84.814	4.32E-02
600597	4129935	197.340	44.903	50.401	81.214	4.22E-02
600607	4129935	180.746	70.659	81.864	76.995	3.86E-02
600617	4129935	160.288	56.520	63.083	72.405	3.43E-02
600627	4129935	140.342	47.414	51.624	67.671	3.00E-02
600637	4129935	122.407	41.050	43.831	62.971	2.62E-02
600647	4129935	106.820	36.409	38.333	58.435	2.28E-02
600657	4129935	93.571	32.882	34.280	54.141	2.00E-02
600667	4129935	82.199	29.993	31.000	50.099	1.76E-02
600677	4129935	72.674	27.650	28.413	46.366	1.55E-02



600687	4129935	64.597	25.663	26.260	42.929	1.38E-02
600697	4129935	57.692	23.946	24.425	39.759	1.23E-02
600707	4129935	51.788	22.442	22.844	36.861	1.11E-02
600717	4129935	46.715	21.105	21.459	34.212	9.99E-03
600727	4129935	42.354	19.904	20.227	31.812	9.05E-03
600737	4129935	38.503	18.816	19.118	29.597	8.23E-03
600747	4129935	35.143	17.827	18.111	27.584	7.51E-03
600757	4129935	32.231	16.924	17.185	25.759	6.89E-03
600767	4129935	29.653	16.093	16.329	24.101	6.34E-03
600777	4129935	27.335	15.331	15.547	22.554	5.84E-03
600787	4129935	25.287	14.626	14.818	21.157	5.40E-03
600797	4129935	23.440	13.979	14.149	19.861	5.01E-03
600807	4129935	21.788	13.381	13.531	18.678	4.66E-03
600817	4129935	20.315	12.828	12.958	17.598	4.34E-03
600827	4129935	18.974	12.320	12.433	16.594	4.06E-03
600837	4129935	17.748	11.854	11.954	15.660	3.79E-03
600847	4129935	16.642	11.419	11.509	14.809	3.56E-03
600857	4129935	15.622	11.016	11.098	14.010	3.34E-03
600867	4129935	14.705	10.636	10.713	13.279	3.14E-03
600877	4129935	13.868	10.278	10.352	12.601	2.96E-03
600887	4129935	13.095	9.939	10.014	11.971	2.80E-03
600897	4129935	12.389	9.618	9.695	11.389	2.65E-03
600907	4129935	11.734	9.312	9.392	10.842	2.51E-03
600917	4129935	11.128	9.019	9.103	10.332	2.38E-03
600167	4129945	2.923	7.203	7.307	2.625	6.25E-04
600177	4129945	3.054	7.646	7.768	2.729	6.53E-04
600187	4129945	3.195	8.104	8.244	2.837	6.83E-04
600197	4129945	3.345	8.570	8.726	2.953	7.15E-04
600207	4129945	3.507	9.033	9.200	3.078	7.50E-04
600217	4129945	3.681	9.479	9.648	3.209	7.87E-04
600227	4129945	3.869	9.884	10.045	3.344	8.27E-04
600237	4129945	4.073	10.237	10.376	3.491	8.71E-04
600247	4129945	4.294	10.515	10.623	3.647	9.18E-04
600257	4129945	4.532	10.724	10.796	3.810	9.69E-04
600267	4129945	4.788	10.899	10.933	3.979	1.02E-03
600277	4129945	5.067	11.069	11.066	4.157	1.08E-03
600287	4129945	5.377	11.239	11.208	4.350	1.15E-03
600297	4129945	5.721	11.401	11.355	4.558	1.22E-03
600307	4129945	6.097	11.553	11.508	4.774	1.30E-03
600317	4129945	6.510	11.689	11.658	4.999	1.39E-03
600327	4129945	6.971	11.794	11.783	5.237	1.49E-03
600337	4129945	7.484	11.870	11.881	5.489	1.60E-03
600347	4129945	8.059	11.918	11.952	5.753	1.72E-03
600357	4129945	8.696	11.952	12.010	6.021	1.86E-03
600367	4129945	9.415	11.970	12.050	6.299	2.01E-03
600377	4129945	10.245	11.974	12.071	6.606	2.19E-03
600387	4129945	11.188	11.982	12.095	6.926	2.39E-03
600397	4129945	12.279	11.997	12.123	7.282	2.62E-03
600407	4129945	13.543	12.029	12.168	7.686	2.89E-03
600417	4129945	15.036	12.086	12.235	8.182	3.21E-03
600427	4129945	16.831	12.177	12.335	8.860	3.60E-03
600437	4129945	19.026	12.314	12.480	9.881	4.07E-03
600447	4129945	21.786	12.511	12.687	11.583	4.66E-03
600457	4129945	25.398	12.783	12.972	14.645	5.43E-03
600467	4129945	30.386	13.156	13.361	20.221	6.49E-03

600477	4129945	37.561	13.654	13.884	29.575	8.03E-03
600487	4129945	48.098	14.297	14.564	43.186	1.03E-02
600497	4129945	64.363	15.149	15.473	60.892	1.38E-02
600507	4129945	89.714	16.354	16.765	80.566	1.92E-02
600597	4129945	206.362	46.451	52.211	94.323	4.41E-02
600607	4129945	196.486	50.985	58.016	87.526	4.20E-02
600617	4129945	173.747	59.316	67.639	80.698	3.71E-02
600627	4129945	149.141	59.968	67.207	74.076	3.19E-02
600637	4129945	127.089	49.840	54.346	67.827	2.72E-02
600647	4129945	108.793	43.084	46.122	62.076	2.33E-02
600657	4129945	93.682	38.028	40.097	56.783	2.00E-02
600667	4129945	81.352	34.170	35.634	51.978	1.74E-02
600677	4129945	71.304	31.137	32.212	47.660	1.52E-02
600687	4129945	62.912	28.617	29.418	43.745	1.34E-02
600697	4129945	55.995	26.515	27.150	40.263	1.20E-02
600707	4129945	49.991	24.676	25.171	37.072	1.07E-02
600717	4129945	44.920	23.074	23.484	34.217	9.60E-03
600727	4129945	40.577	21.653	22.008	31.647	8.67E-03
600737	4129945	36.809	20.377	20.695	29.324	7.87E-03
600747	4129945	33.560	19.223	19.518	27.234	7.17E-03
600757	4129945	30.735	18.173	18.447	25.355	6.57E-03
600767	4129945	28.234	17.215	17.466	23.643	6.03E-03
600777	4129945	26.001	16.341	16.570	22.079	5.56E-03
600787	4129945	24.041	15.539	15.743	20.661	5.14E-03
600797	4129945	22.297	14.804	14.981	19.371	4.77E-03
600807	4129945	20.721	14.135	14.288	18.187	4.43E-03
600817	4129945	19.313	13.521	13.652	17.111	4.13E-03
600827	4129945	18.029	12.962	13.076	16.111	3.85E-03
600837	4129945	16.878	12.445	12.544	15.196	3.61E-03
600847	4129945	15.818	11.969	12.060	14.344	3.38E-03
600857	4129945	14.857	11.525	11.610	13.566	3.18E-03
600867	4129945	13.996	11.107	11.189	12.858	2.99E-03
600877	4129945	13.193	10.715	10.797	12.188	2.82E-03
600887	4129945	12.458	10.343	10.428	11.566	2.66E-03
600897	4129945	11.795	9.990	10.078	11.000	2.52E-03
600907	4129945	11.178	9.653	9.746	10.474	2.39E-03
600917	4129945	10.606	9.332	9.429	9.981	2.27E-03
600167	4129955	3.134	7.896	8.032	2.849	6.70E-04
600177	4129955	3.280	8.447	8.608	2.969	7.01E-04
600187	4129955	3.437	9.027	9.213	3.095	7.35E-04
600197	4129955	3.606	9.630	9.838	3.231	7.71E-04
600207	4129955	3.788	10.235	10.458	3.377	8.10E-04
600217	4129955	3.986	10.817	11.044	3.533	8.52E-04
600227	4129955	4.199	11.341	11.553	3.697	8.98E-04
600237	4129955	4.430	11.768	11.951	3.873	9.47E-04
600247	4129955	4.682	12.091	12.228	4.061	1.00E-03
600257	4129955	4.954	12.329	12.411	4.256	1.06E-03
600267	4129955	5.250	12.542	12.564	4.466	1.12E-03
600277	4129955	5.578	12.753	12.727	4.695	1.19E-03
600287	4129955	5.942	12.955	12.902	4.939	1.27E-03
600297	4129955	6.345	13.128	13.073	5.205	1.36E-03
600307	4129955	6.788	13.268	13.232	5.484	1.45E-03
600317	4129955	7.282	13.351	13.349	5.781	1.56E-03
600327	4129955	7.829	13.393	13.429	6.095	1.67E-03
600337	4129955	8.448	13.381	13.453	6.432	1.81E-03

600347	4129955	9.141	13.342	13.444	6.782	1.95E-03
600357	4129955	9.926	13.279	13.406	7.154	2.12E-03
600367	4129955	10.812	13.207	13.355	7.537	2.31E-03
600377	4129955	11.842	13.125	13.285	7.950	2.53E-03
600387	4129955	13.043	13.046	13.215	8.394	2.79E-03
600397	4129955	14.426	12.989	13.166	8.848	3.08E-03
600407	4129955	16.037	12.957	13.141	9.331	3.43E-03
600417	4129955	17.963	12.956	13.144	9.890	3.84E-03
600427	4129955	20.297	12.995	13.188	10.585	4.34E-03
600437	4129955	23.167	13.086	13.284	11.555	4.95E-03
600447	4129955	26.771	13.242	13.446	13.111	5.72E-03
600457	4129955	31.453	13.479	13.691	15.969	6.72E-03
600467	4129955	37.889	13.815	14.041	21.724	8.10E-03
600477	4129955	47.137	14.268	14.513	32.721	1.01E-02
600487	4129955	61.095	14.844	15.118	50.721	1.31E-02
600497	4129955	83.778	15.637	15.957	77.098	1.79E-02
600607	4129955	195.217	48.201	54.092	97.510	4.17E-02
600617	4129955	176.141	48.482	54.334	88.021	3.76E-02
600627	4129955	149.318	60.908	69.611	79.337	3.19E-02
600637	4129955	125.067	63.304	71.286	71.513	2.67E-02
600647	4129955	105.448	52.285	57.200	64.516	2.25E-02
600657	4129955	89.986	44.860	48.088	58.330	1.92E-02
600667	4129955	77.638	39.467	41.654	52.855	1.66E-02
600677	4129955	67.736	35.403	36.961	48.044	1.45E-02
600687	4129955	59.586	32.153	33.282	43.789	1.27E-02
600697	4129955	52.886	29.511	30.364	40.050	1.13E-02
600707	4129955	47.211	27.263	27.916	36.712	1.01E-02
600717	4129955	42.393	25.327	25.844	33.744	9.06E-03
600727	4129955	38.231	23.629	24.046	31.069	8.17E-03
600737	4129955	34.667	22.126	22.479	28.699	7.41E-03
600747	4129955	31.599	20.776	21.089	26.579	6.75E-03
600757	4129955	28.910	19.555	19.838	24.667	6.18E-03
600767	4129955	26.554	18.445	18.705	22.948	5.68E-03
600777	4129955	24.474	17.438	17.674	21.398	5.23E-03
600787	4129955	22.636	16.524	16.733	19.999	4.84E-03
600797	4129955	20.998	15.695	15.878	18.726	4.49E-03
600807	4129955	19.526	14.945	15.102	17.558	4.17E-03
600817	4129955	18.196	14.267	14.401	16.497	3.89E-03
600827	4129955	16.992	13.649	13.765	15.518	3.63E-03
600837	4129955	15.923	13.077	13.179	14.632	3.40E-03
600847	4129955	14.929	12.552	12.648	13.805	3.19E-03
600857	4129955	14.046	12.060	12.152	13.060	3.00E-03
600867	4129955	13.230	11.599	11.692	12.368	2.83E-03
600877	4129955	12.476	11.166	11.261	11.716	2.67E-03
600887	4129955	11.790	10.754	10.854	11.116	2.52E-03
600897	4129955	11.169	10.364	10.469	10.575	2.39E-03
600907	4129955	10.596	9.993	10.103	10.073	2.26E-03
600917	4129955	10.069	9.640	9.755	9.605	2.15E-03
600167	4129965	3.354	8.707	8.885	3.092	7.17E-04
600177	4129965	3.517	9.406	9.618	3.229	7.52E-04
600187	4129965	3.692	10.161	10.409	3.378	7.89E-04
600197	4129965	3.880	10.962	11.242	3.538	8.29E-04
600207	4129965	4.085	11.785	12.087	3.709	8.73E-04
600217	4129965	4.307	12.578	12.888	3.890	9.21E-04
600227	4129965	4.548	13.281	13.575	4.088	9.72E-04

600237	4129965	4.810	13.827	14.082	4.299	1.03E-03
600247	4129965	5.092	14.203	14.394	4.522	1.09E-03
600257	4129965	5.400	14.491	14.598	4.760	1.15E-03
600267	4129965	5.742	14.765	14.793	5.022	1.23E-03
600277	4129965	6.123	15.028	15.009	5.311	1.31E-03
600287	4129965	6.545	15.247	15.216	5.622	1.40E-03
600297	4129965	7.011	15.392	15.377	5.958	1.50E-03
600307	4129965	7.530	15.443	15.463	6.320	1.61E-03
600317	4129965	8.105	15.419	15.484	6.708	1.73E-03
600327	4129965	8.754	15.311	15.425	7.129	1.87E-03
600337	4129965	9.487	15.151	15.306	7.584	2.03E-03
600347	4129965	10.311	14.970	15.160	8.066	2.20E-03
600357	4129965	11.256	14.767	14.978	8.586	2.41E-03
600367	4129965	12.340	14.562	14.786	9.146	2.64E-03
600377	4129965	13.602	14.363	14.591	9.741	2.91E-03
600387	4129965	15.094	14.176	14.401	10.398	3.23E-03
600397	4129965	16.820	14.028	14.254	11.060	3.60E-03
600407	4129965	18.845	13.919	14.146	11.734	4.03E-03
600417	4129965	21.272	13.848	14.074	12.447	4.55E-03
600427	4129965	24.260	13.824	14.049	13.266	5.19E-03
600437	4129965	27.947	13.860	14.084	14.267	5.97E-03
600447	4129965	32.579	13.965	14.192	15.684	6.96E-03
600457	4129965	38.546	14.153	14.384	18.163	8.24E-03
600467	4129965	46.649	14.439	14.680	23.481	9.97E-03
600477	4129965	58.162	14.823	15.078	35.307	1.24E-02
600487	4129965	76.620	15.341	15.617	59.618	1.64E-02
600497	4129965	105.489	16.059	16.372	100.910	2.25E-02
600617	4129965	159.640	48.324	53.939	93.172	3.41E-02
600627	4129965	136.307	54.816	62.673	82.549	2.91E-02
600637	4129965	114.820	65.494	75.505	73.381	2.45E-02
600647	4129965	96.867	66.347	74.883	65.363	2.07E-02
600657	4129965	82.687	54.463	59.676	58.476	1.77E-02
600667	4129965	71.485	46.601	50.054	52.577	1.53E-02
600677	4129965	62.513	40.999	43.402	47.505	1.34E-02
600687	4129965	55.022	36.613	38.299	43.040	1.18E-02
600697	4129965	48.790	33.139	34.349	39.138	1.04E-02
600707	4129965	43.598	30.320	31.215	35.736	9.32E-03
600717	4129965	39.168	27.939	28.611	32.716	8.37E-03
600727	4129965	35.396	25.898	26.422	30.063	7.57E-03
600737	4129965	32.161	24.113	24.535	27.711	6.87E-03
600747	4129965	29.326	22.522	22.870	25.609	6.27E-03
600757	4129965	26.859	21.095	21.393	23.728	5.74E-03
600767	4129965	24.699	19.807	20.071	22.045	5.28E-03
600777	4129965	22.793	18.645	18.882	20.535	4.87E-03
600787	4129965	21.100	17.601	17.812	19.171	4.51E-03
600797	4129965	19.606	16.661	16.844	17.943	4.19E-03
600807	4129965	18.269	15.816	15.971	16.835	3.91E-03
600817	4129965	17.033	15.066	15.202	15.800	3.64E-03
600827	4129965	15.921	14.382	14.502	14.856	3.40E-03
600837	4129965	14.916	13.752	13.863	13.989	3.19E-03
600847	4129965	14.018	13.166	13.272	13.208	3.00E-03
600857	4129965	13.195	12.620	12.726	12.495	2.82E-03
600867	4129965	12.434	12.109	12.218	11.827	2.66E-03
600877	4129965	11.741	11.626	11.740	11.207	2.51E-03
600887	4129965	11.108	11.168	11.288	10.636	2.37E-03

600897	4129965	10.529	10.736	10.861	10.112	2.25E-03
600907	4129965	10.001	10.326	10.456	9.638	2.14E-03
600917	4129965	9.514	9.937	10.072	9.196	2.03E-03
600167	4129975	3.584	9.672	9.902	3.353	7.66E-04
600177	4129975	3.763	10.566	10.845	3.513	8.04E-04
600187	4129975	3.957	11.565	11.895	3.684	8.46E-04
600197	4129975	4.167	12.675	13.052	3.871	8.91E-04
600207	4129975	4.394	13.832	14.251	4.071	9.39E-04
600217	4129975	4.642	14.976	15.418	4.287	9.92E-04
600227	4129975	4.913	15.982	16.424	4.519	1.05E-03
600237	4129975	5.203	16.713	17.113	4.768	1.11E-03
600247	4129975	5.520	17.193	17.499	5.035	1.18E-03
600257	4129975	5.870	17.575	17.770	5.328	1.25E-03
600267	4129975	6.261	17.948	18.063	5.652	1.34E-03
600277	4129975	6.696	18.243	18.327	6.010	1.43E-03
600287	4129975	7.175	18.396	18.481	6.398	1.53E-03
600297	4129975	7.707	18.379	18.489	6.819	1.65E-03
600307	4129975	8.305	18.199	18.349	7.287	1.78E-03
600317	4129975	8.969	17.934	18.120	7.791	1.92E-03
600327	4129975	9.725	17.573	17.799	8.355	2.08E-03
600337	4129975	10.584	17.174	17.432	8.972	2.26E-03
600347	4129975	11.560	16.772	17.053	9.650	2.47E-03
600357	4129975	12.672	16.389	16.685	10.384	2.71E-03
600367	4129975	13.967	16.017	16.316	11.201	2.99E-03
600377	4129975	15.495	15.668	15.958	12.116	3.31E-03
600387	4129975	17.279	15.364	15.645	13.101	3.69E-03
600397	4129975	19.389	15.108	15.379	14.151	4.14E-03
600407	4129975	21.919	14.900	15.162	15.278	4.69E-03
600417	4129975	24.925	14.753	15.009	16.389	5.33E-03
600427	4129975	28.664	14.658	14.908	17.598	6.13E-03
600437	4129975	33.311	14.630	14.875	18.870	7.12E-03
600447	4129975	39.174	14.676	14.920	20.331	8.37E-03
600457	4129975	46.716	14.806	15.051	22.428	9.99E-03
600467	4129975	56.608	15.027	15.278	26.556	1.21E-02
600477	4129975	70.678	15.336	15.596	37.385	1.51E-02
600487	4129975	93.901	15.792	16.067	68.291	2.01E-02
600607	4129975	162.198	52.216	57.347	109.379	3.47E-02
600617	4129975	137.718	65.855	74.699	94.948	2.94E-02
600627	4129975	117.226	48.582	54.030	82.939	2.51E-02
600637	4129975	99.825	50.445	56.450	72.900	2.13E-02
600647	4129975	85.350	51.815	58.062	64.415	1.82E-02
600657	4129975	73.523	69.957	79.522	57.217	1.57E-02
600667	4129975	63.818	56.955	62.689	51.072	1.36E-02
600677	4129975	56.080	48.579	52.426	45.920	1.20E-02
600687	4129975	49.579	42.426	45.031	41.442	1.06E-02
600697	4129975	44.121	37.750	39.560	37.563	9.43E-03
600707	4129975	39.404	33.985	35.237	34.125	8.42E-03
600717	4129975	35.555	31.044	31.966	31.216	7.60E-03
600727	4129975	32.263	28.563	29.259	28.657	6.90E-03
600737	4129975	29.365	26.401	26.930	26.369	6.28E-03
600747	4129975	26.863	24.510	24.923	24.358	5.74E-03
600757	4129975	24.671	22.828	23.160	22.567	5.27E-03
600767	4129975	22.735	21.325	21.601	20.956	4.86E-03
600777	4129975	21.027	19.983	20.219	19.518	4.49E-03
600787	4129975	19.506	18.788	18.995	18.217	4.17E-03

600797	4129975	18.148	17.728	17.908	17.047	3.88E-03
600807	4129975	16.925	16.786	16.945	15.986	3.62E-03
600817	4129975	15.812	15.943	16.087	15.008	3.38E-03
600827	4129975	14.798	15.178	15.313	14.104	3.16E-03
600837	4129975	13.902	14.469	14.596	13.299	2.97E-03
600847	4129975	13.082	13.814	13.939	12.563	2.80E-03
600857	4129975	12.319	13.202	13.331	11.877	2.63E-03
600867	4129975	11.636	12.628	12.761	11.254	2.49E-03
600877	4129975	11.006	12.088	12.226	10.671	2.35E-03
600887	4129975	10.425	11.578	11.722	10.131	2.23E-03
600897	4129975	9.894	11.097	11.246	9.639	2.11E-03
600907	4129975	9.405	10.643	10.797	9.186	2.01E-03
600917	4129975	8.952	10.214	10.371	8.763	1.91E-03
600167	4129985	3.822	10.831	11.124	3.634	8.17E-04
600177	4129985	4.018	11.999	12.360	3.815	8.59E-04
600187	4129985	4.231	13.346	13.783	4.012	9.04E-04
600197	4129985	4.463	14.914	15.428	4.227	9.54E-04
600207	4129985	4.715	16.629	17.224	4.458	1.01E-03
600217	4129985	4.989	18.394	19.074	4.710	1.07E-03
600227	4129985	5.286	19.966	20.712	4.983	1.13E-03
600237	4129985	5.607	21.081	21.798	5.273	1.20E-03
600247	4129985	5.964	21.806	22.413	5.597	1.27E-03
600257	4129985	6.359	22.396	22.880	5.954	1.36E-03
600267	4129985	6.800	22.838	23.266	6.350	1.45E-03
600277	4129985	7.285	22.946	23.336	6.783	1.56E-03
600287	4129985	7.822	22.721	23.086	7.259	1.67E-03
600297	4129985	8.426	22.227	22.592	7.793	1.80E-03
600307	4129985	9.103	21.585	21.951	8.383	1.95E-03
600317	4129985	9.865	20.871	21.239	9.041	2.11E-03
600327	4129985	10.730	20.133	20.505	9.780	2.29E-03
600337	4129985	11.715	19.416	19.789	10.608	2.50E-03
600347	4129985	12.847	18.729	19.102	11.545	2.75E-03
600357	4129985	14.147	18.106	18.475	12.593	3.02E-03
600367	4129985	15.653	17.545	17.907	13.766	3.35E-03
600377	4129985	17.436	17.033	17.378	15.126	3.73E-03
600387	4129985	19.544	16.588	16.915	16.663	4.18E-03
600397	4129985	22.058	16.211	16.519	18.389	4.71E-03
600407	4129985	25.080	15.904	16.196	20.297	5.36E-03
600417	4129985	28.794	15.661	15.938	22.431	6.15E-03
600427	4129985	33.353	15.491	15.759	24.664	7.13E-03
600437	4129985	39.081	15.394	15.653	26.967	8.35E-03
600447	4129985	46.390	15.374	15.629	29.243	9.92E-03
600457	4129985	55.802	15.439	15.693	31.472	1.19E-02
600467	4129985	67.764	15.576	15.833	34.070	1.45E-02
600477	4129985	84.031	15.838	16.100	41.582	1.80E-02
600597	4129985	165.708	37.269	39.524	127.643	3.54E-02
600607	4129985	138.358	43.267	46.456	108.148	2.96E-02
600617	4129985	116.323	51.594	56.462	92.627	2.49E-02
600627	4129985	98.701	64.011	72.154	80.110	2.11E-02
600637	4129985	84.305	48.942	54.261	69.764	1.80E-02
600647	4129985	73.066	40.646	44.275	61.456	1.56E-02
600657	4129985	63.551	50.456	56.171	54.366	1.36E-02
600667	4129985	55.686	73.512	84.125	48.398	1.19E-02
600677	4129985	49.133	59.491	65.805	43.324	1.05E-02
600687	4129985	43.753	50.386	54.543	39.059	9.35E-03

600697	4129985	39.167	43.810	46.604	35.363	8.37E-03
600707	4129985	35.195	38.776	40.670	32.122	7.52E-03
600717	4129985	31.901	34.942	36.301	29.368	6.82E-03
600727	4129985	29.014	31.772	32.743	26.926	6.20E-03
600737	4129985	26.498	29.102	29.802	24.776	5.66E-03
600747	4129985	24.341	26.816	27.340	22.900	5.20E-03
600757	4129985	22.438	24.805	25.203	21.226	4.80E-03
600767	4129985	20.746	23.033	23.340	19.724	4.43E-03
600777	4129985	19.249	21.472	21.718	18.384	4.11E-03
600787	4129985	17.900	20.109	20.313	17.173	3.83E-03
600797	4129985	16.680	18.915	19.094	16.065	3.57E-03
600807	4129985	15.586	17.853	18.018	15.063	3.33E-03
600817	4129985	14.583	16.904	17.063	14.141	3.12E-03
600827	4129985	13.700	16.031	16.184	13.325	2.93E-03
600837	4129985	12.889	15.230	15.383	12.573	2.75E-03
600847	4129985	12.148	14.487	14.642	11.880	2.60E-03
600857	4129985	11.464	13.794	13.954	11.236	2.45E-03
600867	4129985	10.839	13.145	13.310	10.644	2.32E-03
600877	4129985	10.273	12.539	12.708	10.106	2.20E-03
600887	4129985	9.754	11.971	12.144	9.615	2.08E-03
600897	4129985	9.269	11.437	11.613	9.152	1.98E-03
600907	4129985	8.820	10.936	11.113	8.721	1.89E-03
600917	4129985	8.405	10.465	10.643	8.321	1.80E-03
600167	4129995	4.066	12.261	12.628	3.934	8.69E-04
600177	4129995	4.281	13.798	14.260	4.140	9.15E-04
600187	4129995	4.513	15.654	16.230	4.364	9.65E-04
600197	4129995	4.767	17.900	18.612	4.610	1.02E-03
600207	4129995	5.043	20.560	21.460	4.879	1.08E-03
600217	4129995	5.342	23.507	24.676	5.167	1.14E-03
600227	4129995	5.666	26.389	27.838	5.478	1.21E-03
600237	4129995	6.023	28.612	30.201	5.823	1.29E-03
600247	4129995	6.419	30.019	31.548	6.209	1.37E-03
600257	4129995	6.859	30.848	32.283	6.637	1.47E-03
600267	4129995	7.346	30.691	31.977	7.112	1.57E-03
600277	4129995	7.880	29.747	30.802	7.628	1.68E-03
600287	4129995	8.483	28.420	29.330	8.216	1.81E-03
600297	4129995	9.156	26.969	27.750	8.871	1.96E-03
600307	4129995	9.909	25.550	26.221	9.602	2.12E-03
600317	4129995	10.768	24.188	24.789	10.440	2.30E-03
600327	4129995	11.740	22.946	23.488	11.388	2.51E-03
600337	4129995	12.854	21.815	22.312	12.477	2.75E-03
600347	4129995	14.135	20.800	21.261	13.728	3.02E-03
600357	4129995	15.609	19.916	20.349	15.157	3.34E-03
600367	4129995	17.333	19.127	19.536	16.828	3.70E-03
600377	4129995	19.357	18.442	18.828	18.776	4.14E-03
600387	4129995	21.786	17.838	18.196	21.114	4.66E-03
600397	4129995	24.685	17.334	17.668	23.847	5.28E-03
600407	4129995	28.201	16.916	17.229	27.090	6.03E-03
600417	4129995	32.528	16.580	16.875	30.932	6.95E-03
600427	4129995	37.968	16.324	16.602	35.530	8.12E-03
600437	4129995	44.833	16.153	16.420	40.726	9.58E-03
600447	4129995	53.673	16.063	16.324	46.352	1.15E-02
600457	4129995	65.113	16.049	16.308	51.573	1.39E-02
600467	4129995	80.111	16.130	16.388	55.816	1.71E-02
600477	4129995	96.848	16.324	16.586	58.383	2.07E-02

600597	4129995	139.309	32.995	34.606	120.051	2.98E-02
600607	4129995	114.874	37.347	39.508	100.977	2.46E-02
600617	4129995	96.157	43.026	46.051	86.034	2.06E-02
600627	4129995	81.792	50.874	55.450	74.189	1.75E-02
600637	4129995	70.533	62.372	69.925	64.589	1.51E-02
600647	4129995	61.298	48.334	53.312	56.623	1.31E-02
600657	4129995	53.857	51.448	57.335	50.111	1.15E-02
600667	4129995	47.685	54.633	61.499	44.661	1.02E-02
600677	4129995	42.462	77.484	89.372	40.021	9.08E-03
600687	4129995	38.054	62.222	69.243	36.079	8.13E-03
600697	4129995	34.215	52.071	56.470	32.640	7.31E-03
600707	4129995	30.994	45.089	48.018	29.715	6.62E-03
600717	4129995	28.227	39.875	41.888	27.178	6.03E-03
600727	4129995	25.804	35.747	37.146	24.948	5.52E-03
600737	4129995	23.693	32.383	33.362	22.991	5.06E-03
600747	4129995	21.862	29.551	30.253	21.278	4.67E-03
600757	4129995	20.242	27.103	27.610	19.760	4.33E-03
600767	4129995	18.781	24.991	25.356	18.390	4.01E-03
600777	4129995	17.479	23.174	23.446	17.159	3.74E-03
600787	4129995	16.289	21.621	21.832	16.026	3.48E-03
600797	4129995	15.236	20.252	20.437	15.018	3.26E-03
600807	4129995	14.270	19.040	19.220	14.096	3.05E-03
600817	4129995	13.403	17.943	18.127	13.263	2.86E-03
600827	4129995	12.622	16.939	17.127	12.513	2.70E-03
600837	4129995	11.899	16.020	16.213	11.816	2.54E-03
600847	4129995	11.239	15.169	15.365	11.176	2.40E-03
600857	4129995	10.631	14.379	14.579	10.584	2.27E-03
600867	4129995	10.070	13.645	13.847	10.037	2.15E-03
600877	4129995	9.562	12.964	13.168	9.540	2.04E-03
600887	4129995	9.094	12.332	12.535	9.082	1.94E-03
600897	4129995	8.659	11.743	11.946	8.654	1.85E-03
600907	4129995	8.252	11.193	11.394	8.254	1.76E-03
600917	4129995	7.876	10.681	10.879	7.882	1.68E-03
600167	4130005	4.315	14.012	14.468	4.251	9.22E-04
600177	4130005	4.547	16.084	16.673	4.485	9.72E-04
600187	4130005	4.799	18.671	19.436	4.739	1.03E-03
600197	4130005	5.074	21.965	22.988	5.015	1.08E-03
600207	4130005	5.373	26.198	27.668	5.319	1.15E-03
600217	4130005	5.697	31.602	33.832	5.649	1.22E-03
600227	4130005	6.051	38.363	41.759	6.011	1.29E-03
600237	4130005	6.443	45.083	49.718	6.414	1.38E-03
600247	4130005	6.877	48.227	53.096	6.861	1.47E-03
600257	4130005	7.359	46.626	50.779	7.362	1.57E-03
600267	4130005	7.888	42.808	45.912	7.913	1.69E-03
600277	4130005	8.477	38.923	41.202	8.532	1.81E-03
600287	4130005	9.136	35.473	37.193	9.233	1.95E-03
600297	4130005	9.875	32.505	33.830	10.023	2.11E-03
600307	4130005	10.708	29.971	31.027	10.921	2.29E-03
600317	4130005	11.654	27.798	28.669	11.954	2.49E-03
600327	4130005	12.726	25.951	26.676	13.136	2.72E-03
600337	4130005	13.956	24.354	24.976	14.513	2.98E-03
600347	4130005	15.371	22.979	23.523	16.119	3.29E-03
600357	4130005	17.012	21.790	22.276	18.011	3.64E-03
600367	4130005	18.926	20.766	21.208	20.256	4.05E-03
600377	4130005	21.179	19.883	20.294	22.948	4.53E-03



600387	4130005	23.875	19.120	19.499	26.260	5.10E-03
600397	4130005	27.106	18.479	18.831	30.312	5.79E-03
600407	4130005	31.035	17.945	18.272	35.368	6.63E-03
600417	4130005	35.886	17.508	17.814	41.781	7.67E-03
600427	4130005	41.974	17.166	17.452	50.046	8.97E-03
600437	4130005	49.714	16.914	17.187	60.705	1.06E-02
600447	4130005	59.655	16.748	17.013	74.300	1.28E-02
600457	4130005	72.745	16.660	16.921	91.731	1.55E-02
600467	4130005	90.126	16.683	16.940	113.346	1.93E-02
600477	4130005	108.000	16.789	17.047	131.854	2.31E-02
600587	4130005	137.014	27.382	28.345	126.514	2.93E-02
600597	4130005	112.088	29.990	31.205	105.072	2.40E-02
600607	4130005	92.692	33.275	34.835	88.832	1.98E-02
600617	4130005	77.958	37.404	39.476	76.025	1.67E-02
600627	4130005	66.789	42.838	45.723	65.864	1.43E-02
600637	4130005	58.087	50.237	54.556	57.593	1.24E-02
600647	4130005	50.958	60.713	67.642	50.672	1.09E-02
600657	4130005	45.101	60.504	68.176	44.922	9.64E-03
600667	4130005	40.269	53.197	59.607	40.145	8.61E-03
600677	4130005	36.216	52.109	58.022	36.135	7.74E-03
600687	4130005	32.731	81.586	94.877	32.684	7.00E-03
600697	4130005	29.685	64.785	72.346	29.673	6.35E-03
600707	4130005	27.033	53.925	58.625	27.052	5.78E-03
600717	4130005	24.743	46.403	49.462	24.783	5.29E-03
600727	4130005	22.784	40.894	42.977	22.835	4.87E-03
600737	4130005	21.046	36.500	37.929	21.110	4.50E-03
600747	4130005	19.519	32.886	33.875	19.590	4.17E-03
600757	4130005	18.156	29.832	30.523	18.232	3.88E-03
600767	4130005	16.916	27.274	27.747	17.000	3.62E-03
600777	4130005	15.791	25.143	25.471	15.880	3.38E-03
600787	4130005	14.759	23.344	23.586	14.852	3.15E-03
600797	4130005	13.850	21.760	21.976	13.942	2.96E-03
600807	4130005	13.020	20.344	20.561	13.115	2.78E-03
600817	4130005	12.276	19.055	19.284	12.371	2.62E-03
600827	4130005	11.589	17.883	18.123	11.686	2.48E-03
600837	4130005	10.954	16.814	17.059	11.051	2.34E-03
600847	4130005	10.373	15.833	16.080	10.467	2.22E-03
600857	4130005	9.836	14.933	15.178	9.929	2.10E-03
600867	4130005	9.340	14.105	14.348	9.432	2.00E-03
600877	4130005	8.880	13.343	13.581	8.971	1.90E-03
600887	4130005	8.458	12.643	12.876	8.547	1.81E-03
600897	4130005	8.067	11.998	12.225	8.153	1.72E-03
600907	4130005	7.706	11.404	11.624	7.789	1.65E-03
600917	4130005	7.370	10.855	11.068	7.450	1.58E-03
600167	4130015	4.564	16.129	16.709	4.579	9.75E-04
600177	4130015	4.815	18.965	19.733	4.841	1.03E-03
600187	4130015	5.087	22.646	23.703	5.126	1.09E-03
600197	4130015	5.381	27.571	29.139	5.439	1.15E-03
600207	4130015	5.701	34.554	37.112	5.779	1.22E-03
600217	4130015	6.051	45.513	50.206	6.151	1.29E-03
600227	4130015	6.435	50.493	56.635	6.563	1.38E-03
600237	4130015	6.861	47.833	53.128	7.025	1.47E-03
600247	4130015	7.330	67.415	77.443	7.541	1.57E-03
600257	4130015	7.850	72.187	82.307	8.118	1.68E-03
600267	4130015	8.421	59.051	65.193	8.757	1.80E-03

600277	4130015	9.059	50.066	54.137	9.476	1.94E-03
600287	4130015	9.773	43.550	46.380	10.296	2.09E-03
600297	4130015	10.569	38.590	40.601	11.224	2.26E-03
600307	4130015	11.468	34.728	36.217	12.287	2.45E-03
600317	4130015	12.497	31.650	32.823	13.537	2.67E-03
600327	4130015	13.662	29.112	30.043	14.972	2.92E-03
600337	4130015	14.989	27.010	27.761	16.644	3.20E-03
600347	4130015	16.522	25.240	25.867	18.633	3.53E-03
600357	4130015	18.300	23.736	24.276	21.013	3.91E-03
600367	4130015	20.378	22.451	22.927	23.896	4.36E-03
600377	4130015	22.813	21.366	21.793	27.398	4.88E-03
600387	4130015	25.692	20.446	20.838	31.717	5.49E-03
600397	4130015	29.167	19.657	20.020	37.229	6.23E-03
600407	4130015	33.377	18.999	19.335	44.322	7.13E-03
600417	4130015	38.542	18.458	18.770	53.657	8.24E-03
600427	4130015	44.975	18.022	18.314	66.306	9.61E-03
600437	4130015	53.019	17.689	17.967	83.663	1.13E-02
600447	4130015	63.112	17.437	17.707	108.165	1.35E-02
600457	4130015	76.394	17.295	17.554	146.453	1.63E-02
600467	4130015	92.408	17.230	17.485	205.388	1.98E-02
600477	4130015	109.648	17.261	17.515	301.602	2.34E-02
600487	4130015	122.805	17.392	17.648	430.363	2.62E-02
600497	4130015	127.650	17.619	17.882	101.812	2.73E-02
600577	4130015	129.600	24.054	24.681	121.280	2.77E-02
600587	4130015	106.388	25.778	26.545	101.417	2.27E-02
600597	4130015	87.513	27.870	28.819	86.100	1.87E-02
600607	4130015	73.166	30.418	31.607	73.988	1.56E-02
600617	4130015	62.280	33.576	35.091	64.256	1.33E-02
600627	4130015	53.746	37.447	39.437	56.116	1.15E-02
600637	4130015	47.193	42.574	45.314	49.531	1.01E-02
600647	4130015	41.828	49.353	53.340	43.942	8.94E-03
600657	4130015	37.409	58.999	65.236	39.249	8.00E-03
600667	4130015	33.696	74.128	84.782	35.272	7.20E-03
600677	4130015	30.605	52.107	57.833	31.944	6.54E-03
600687	4130015	27.953	57.351	64.898	29.096	5.97E-03
600697	4130015	25.587	66.858	76.121	26.573	5.47E-03
600707	4130015	23.466	67.476	75.531	24.322	5.02E-03
600717	4130015	21.607	55.759	60.676	22.356	4.62E-03
600727	4130015	20.020	47.853	51.096	20.677	4.28E-03
600737	4130015	18.606	41.851	44.005	19.186	3.98E-03
600747	4130015	17.343	37.060	38.507	17.859	3.71E-03
600757	4130015	16.211	33.167	34.140	16.673	3.47E-03
600767	4130015	15.175	30.020	30.668	15.590	3.24E-03
600777	4130015	14.206	27.475	27.903	14.586	3.04E-03
600787	4130015	13.341	25.327	25.649	13.689	2.85E-03
600797	4130015	12.565	23.437	23.726	12.883	2.69E-03
600807	4130015	11.861	21.738	22.028	12.151	2.54E-03
600817	4130015	11.215	20.203	20.503	11.481	2.40E-03
600827	4130015	10.613	18.819	19.127	10.859	2.27E-03
600837	4130015	10.063	17.570	17.877	10.291	2.15E-03
600847	4130015	9.553	16.442	16.744	9.764	2.04E-03
600857	4130015	9.079	15.421	15.714	9.276	1.94E-03
600867	4130015	8.640	14.496	14.777	8.825	1.85E-03
600877	4130015	8.234	13.656	13.925	8.408	1.76E-03
600887	4130015	7.856	12.890	13.147	8.020	1.68E-03

600897	4130015	7.506	12.192	12.438	7.659	1.60E-03
600907	4130015	7.183	11.555	11.790	7.327	1.54E-03
600917	4130015	6.883	10.973	11.197	7.020	1.47E-03
600167	4130025	4.812	18.752	19.503	4.914	1.03E-03
600177	4130025	5.080	22.592	23.635	5.205	1.09E-03
600187	4130025	5.372	27.857	29.419	5.526	1.15E-03
600197	4130025	5.685	35.261	37.818	5.871	1.22E-03
600207	4130025	6.027	47.075	51.795	6.249	1.29E-03
600217	4130025	6.401	44.980	49.443	6.667	1.37E-03
600227	4130025	6.814	62.379	71.219	7.134	1.46E-03
600237	4130025	7.270	58.598	66.534	7.659	1.55E-03
600247	4130025	7.770	70.536	80.841	8.237	1.66E-03
600257	4130025	8.324	60.742	67.961	8.887	1.78E-03
600267	4130025	8.935	78.576	89.573	9.616	1.91E-03
600277	4130025	9.616	62.984	69.652	10.444	2.06E-03
600287	4130025	10.379	52.706	57.126	11.385	2.22E-03
600297	4130025	11.229	45.322	48.308	12.452	2.40E-03
600307	4130025	12.186	39.891	41.998	13.685	2.60E-03
600317	4130025	13.271	35.741	37.286	15.117	2.84E-03
600327	4130025	14.513	32.484	33.666	16.806	3.10E-03
600337	4130025	15.931	29.823	30.754	18.799	3.41E-03
600347	4130025	17.551	27.623	28.363	21.149	3.75E-03
600357	4130025	19.422	25.791	26.395	23.978	4.15E-03
600367	4130025	21.610	24.240	24.758	27.449	4.62E-03
600377	4130025	24.166	22.931	23.382	31.718	5.17E-03
600387	4130025	27.161	21.833	22.235	37.004	5.81E-03
600397	4130025	30.743	20.894	21.265	43.793	6.57E-03
600407	4130025	35.068	20.101	20.444	52.709	7.50E-03
600417	4130025	40.294	19.446	19.765	64.523	8.61E-03
600427	4130025	46.680	18.913	19.211	80.693	9.98E-03
600437	4130025	54.409	18.488	18.777	103.039	1.16E-02
600447	4130025	63.982	18.160	18.435	136.010	1.37E-02
600457	4130025	75.754	17.938	18.199	186.712	1.62E-02
600467	4130025	89.177	17.800	18.055	264.938	1.91E-02
600477	4130025	103.435	17.755	18.007	384.077	2.21E-02
600487	4130025	116.846	17.804	18.056	512.512	2.50E-02
600497	4130025	126.259	17.952	18.207	373.148	2.70E-02
600507	4130025	127.578	18.195	18.456	124.824	2.73E-02
600567	4130025	116.117	21.996	22.432	99.915	2.48E-02
600577	4130025	96.618	23.191	23.710	87.217	2.07E-02
600587	4130025	79.869	24.616	25.245	76.208	1.71E-02
600597	4130025	66.846	26.317	27.081	66.859	1.43E-02
600607	4130025	56.800	28.338	29.275	58.888	1.21E-02
600617	4130025	49.135	30.832	31.997	52.266	1.05E-02
600627	4130025	42.959	33.781	35.256	46.412	9.18E-03
600637	4130025	38.086	37.482	39.402	41.456	8.14E-03
600647	4130025	34.155	42.253	44.855	37.235	7.30E-03
600657	4130025	30.947	48.745	52.484	33.666	6.61E-03
600667	4130025	28.201	57.839	63.627	30.559	6.03E-03
600677	4130025	25.817	71.779	81.522	27.849	5.52E-03
600687	4130025	23.754	52.781	58.489	25.506	5.08E-03
600697	4130025	21.981	53.777	59.807	23.498	4.70E-03
600707	4130025	20.357	54.161	60.158	21.675	4.35E-03
600717	4130025	18.898	70.901	79.868	20.047	4.04E-03
600727	4130025	17.577	58.034	63.391	18.585	3.76E-03

600737	4130025	16.415	49.165	52.576	17.304	3.51E-03
600747	4130025	15.396	42.554	44.801	16.183	3.29E-03
600757	4130025	14.446	37.380	38.822	15.148	3.09E-03
600767	4130025	13.572	33.417	34.341	14.200	2.90E-03
600777	4130025	12.769	30.261	30.882	13.333	2.73E-03
600787	4130025	12.043	27.592	28.067	12.551	2.57E-03
600797	4130025	11.392	25.243	25.666	11.851	2.43E-03
600807	4130025	10.786	23.159	23.562	11.203	2.31E-03
600817	4130025	10.225	21.311	21.706	10.606	2.19E-03
600827	4130025	9.708	19.675	20.062	10.056	2.07E-03
600837	4130025	9.231	18.229	18.602	9.551	1.97E-03
600847	4130025	8.789	16.949	17.304	9.083	1.88E-03
600857	4130025	8.372	15.810	16.143	8.644	1.79E-03
600867	4130025	7.986	14.792	15.104	8.237	1.71E-03
600877	4130025	7.623	13.876	14.169	7.857	1.63E-03
600887	4130025	7.292	13.057	13.332	7.510	1.56E-03
600897	4130025	6.982	12.315	12.573	7.186	1.49E-03
600907	4130025	6.694	11.644	11.887	6.886	1.43E-03
600917	4130025	6.423	11.031	11.260	6.603	1.37E-03
600167	4130035	5.058	21.973	22.977	5.257	1.08E-03
600177	4130035	5.342	27.196	28.692	5.579	1.14E-03
600187	4130035	5.649	34.599	37.052	5.930	1.21E-03
600197	4130035	5.980	45.883	50.264	6.308	1.28E-03
600207	4130035	6.344	54.706	61.179	6.727	1.36E-03
600217	4130035	6.743	58.148	65.202	7.194	1.44E-03
600227	4130035	7.181	69.916	79.473	7.714	1.53E-03
600237	4130035	7.663	98.886	115.199	8.292	1.64E-03
600247	4130035	8.191	67.881	76.288	8.938	1.75E-03
600257	4130035	8.774	64.106	71.904	9.662	1.88E-03
600267	4130035	9.422	63.929	72.270	10.478	2.01E-03
600277	4130035	10.140	80.471	92.267	11.403	2.17E-03
600287	4130035	10.938	64.088	71.037	12.457	2.34E-03
600297	4130035	11.834	53.453	57.986	13.659	2.53E-03
600307	4130035	12.841	45.996	49.086	15.055	2.74E-03
600317	4130035	13.979	40.488	42.665	16.679	2.99E-03
600327	4130035	15.264	36.241	37.807	18.571	3.26E-03
600337	4130035	16.734	32.925	34.097	20.823	3.58E-03
600347	4130035	18.424	30.249	31.166	23.526	3.94E-03
600357	4130035	20.356	28.025	28.748	26.754	4.35E-03
600367	4130035	22.589	26.177	26.763	30.684	4.83E-03
600377	4130035	25.186	24.626	25.118	35.533	5.38E-03
600387	4130035	28.221	23.319	23.746	41.594	6.03E-03
600397	4130035	31.798	22.213	22.596	49.314	6.80E-03
600407	4130035	36.046	21.277	21.629	59.331	7.70E-03
600417	4130035	41.085	20.500	20.829	72.492	8.78E-03
600427	4130035	47.092	19.860	20.169	90.169	1.01E-02
600437	4130035	54.148	19.334	19.633	114.083	1.16E-02
600447	4130035	62.667	18.926	19.207	148.193	1.34E-02
600457	4130035	72.444	18.619	18.885	195.746	1.55E-02
600467	4130035	83.212	18.405	18.662	259.395	1.78E-02
600477	4130035	94.456	18.284	18.535	329.682	2.02E-02
600487	4130035	105.563	18.259	18.508	355.803	2.26E-02
600497	4130035	115.234	18.329	18.577	269.923	2.46E-02
600507	4130035	121.169	18.482	18.735	156.326	2.59E-02
600517	4130035	120.128	18.723	18.984	95.917	2.57E-02

600557	4130035	95.779	20.737	21.075	70.963	2.05E-02
600567	4130035	82.386	21.585	21.968	66.341	1.76E-02
600577	4130035	69.626	22.594	23.040	61.049	1.49E-02
600587	4130035	59.104	23.798	24.327	55.729	1.26E-02
600597	4130035	50.580	25.174	25.806	50.432	1.08E-02
600607	4130035	43.808	26.804	27.566	45.608	9.36E-03
600617	4130035	38.563	28.815	29.747	41.438	8.24E-03
600627	4130035	34.264	31.171	32.323	37.575	7.32E-03
600637	4130035	30.772	34.021	35.471	34.126	6.58E-03
600647	4130035	27.942	37.613	39.484	31.115	5.97E-03
600657	4130035	25.623	42.326	44.841	28.505	5.48E-03
600667	4130035	23.600	48.505	52.056	26.158	5.04E-03
600677	4130035	21.815	57.016	62.377	24.058	4.66E-03
600687	4130035	20.219	69.652	78.288	22.178	4.32E-03
600697	4130035	18.862	53.316	58.902	20.578	4.03E-03
600707	4130035	17.633	44.460	48.146	19.141	3.77E-03
600717	4130035	16.501	53.738	59.377	17.828	3.53E-03
600727	4130035	15.450	74.319	84.092	16.619	3.30E-03
600737	4130035	14.518	60.186	66.062	15.554	3.10E-03
600747	4130035	13.654	50.103	53.693	14.574	2.92E-03
600757	4130035	12.876	42.972	45.208	13.696	2.75E-03
600767	4130035	12.144	37.714	39.115	12.880	2.60E-03
600777	4130035	11.483	33.547	34.507	12.145	2.45E-03
600787	4130035	10.885	30.040	30.777	11.482	2.33E-03
600797	4130035	10.318	27.036	27.640	10.860	2.21E-03
600807	4130035	9.806	24.461	25.002	10.298	2.10E-03
600817	4130035	9.326	22.254	22.752	9.774	1.99E-03
600827	4130035	8.882	20.358	20.823	9.292	1.90E-03
600837	4130035	8.468	18.724	19.155	8.843	1.81E-03
600847	4130035	8.086	17.309	17.705	8.431	1.73E-03
600857	4130035	7.726	16.071	16.435	8.045	1.65E-03
600867	4130035	7.388	14.979	15.313	7.683	1.58E-03
600877	4130035	7.068	14.006	14.313	7.341	1.51E-03
600887	4130035	6.769	13.138	13.421	7.023	1.45E-03
600897	4130035	6.494	12.363	12.626	6.729	1.39E-03
600907	4130035	6.240	11.671	11.915	6.459	1.33E-03
600917	4130035	5.997	11.035	11.263	6.200	1.28E-03
600167	4130045	5.297	25.914	27.316	5.605	1.13E-03
600177	4130045	5.595	33.044	35.317	5.954	1.20E-03
600187	4130045	5.916	43.698	47.726	6.330	1.26E-03
600197	4130045	6.267	62.226	70.485	6.744	1.34E-03
600207	4130045	6.650	55.836	62.585	7.205	1.42E-03
600217	4130045	7.069	65.062	73.613	7.715	1.51E-03
600227	4130045	7.529	91.437	105.655	8.284	1.61E-03
600237	4130045	8.033	78.876	88.458	8.922	1.72E-03
600247	4130045	8.587	78.930	88.740	9.628	1.84E-03
600257	4130045	9.196	72.032	81.393	10.417	1.97E-03
600267	4130045	9.869	59.137	65.970	11.314	2.11E-03
600277	4130045	10.617	56.560	62.942	12.332	2.27E-03
600287	4130045	11.451	82.064	94.882	13.491	2.45E-03
600297	4130045	12.376	64.968	72.361	14.815	2.65E-03
600307	4130045	13.418	54.163	58.987	16.347	2.87E-03
600317	4130045	14.587	46.495	49.729	18.129	3.12E-03
600327	4130045	15.903	40.853	43.074	20.207	3.40E-03
600337	4130045	17.401	36.614	38.212	22.660	3.72E-03

600347	4130045	19.110	33.290	34.479	25.602	4.08E-03
600357	4130045	21.065	30.591	31.512	29.135	4.50E-03
600367	4130045	23.292	28.358	29.069	33.379	4.98E-03
600377	4130045	25.858	26.512	27.081	38.574	5.53E-03
600387	4130045	28.838	24.965	25.445	45.045	6.16E-03
600397	4130045	32.294	23.663	24.080	53.154	6.90E-03
600407	4130045	36.317	22.566	22.940	63.445	7.76E-03
600417	4130045	40.984	21.651	21.994	76.607	8.76E-03
600427	4130045	46.318	20.882	21.208	93.394	9.90E-03
600437	4130045	52.604	20.254	20.563	115.707	1.12E-02
600447	4130045	59.725	19.747	20.039	144.404	1.28E-02
600457	4130045	67.586	19.351	19.629	179.752	1.44E-02
600467	4130045	75.964	19.057	19.322	217.944	1.62E-02
600477	4130045	84.594	18.862	19.117	245.484	1.81E-02
600487	4130045	93.102	18.764	19.011	238.497	1.99E-02
600497	4130045	100.630	18.751	18.997	190.545	2.15E-02
600507	4130045	106.203	18.823	19.072	133.331	2.27E-02
600517	4130045	108.093	18.983	19.237	89.186	2.31E-02
600527	4130045	102.434	19.245	19.507	65.656	2.19E-02
600547	4130045	76.106	20.034	20.325	52.324	1.63E-02
600557	4130045	67.060	20.616	20.932	49.362	1.43E-02
600567	4130045	58.592	21.339	21.690	46.740	1.25E-02
600577	4130045	50.930	22.202	22.600	44.028	1.09E-02
600587	4130045	44.361	23.210	23.670	41.162	9.48E-03
600597	4130045	38.871	24.391	24.931	38.273	8.31E-03
600607	4130045	34.340	25.776	26.419	35.455	7.34E-03
600617	4130045	30.650	27.423	28.197	32.812	6.55E-03
600627	4130045	27.588	29.344	30.285	30.273	5.90E-03
600637	4130045	25.070	31.637	32.797	27.938	5.36E-03
600647	4130045	23.039	34.518	35.972	25.864	4.92E-03
600657	4130045	21.347	38.171	40.026	24.004	4.56E-03
600667	4130045	19.843	42.717	45.168	22.261	4.24E-03
600677	4130045	18.504	48.618	51.996	20.668	3.96E-03
600687	4130045	17.315	56.739	61.709	19.236	3.70E-03
600697	4130045	16.261	68.868	76.898	17.963	3.48E-03
600707	4130045	15.300	54.152	59.455	16.809	3.27E-03
600717	4130045	14.429	56.643	62.826	15.770	3.08E-03
600727	4130045	13.600	58.046	64.646	14.791	2.91E-03
600737	4130045	12.842	77.893	88.850	13.904	2.74E-03
600747	4130045	12.137	61.401	67.476	13.088	2.59E-03
600757	4130045	11.492	50.703	54.296	12.346	2.46E-03
600767	4130045	10.895	43.028	45.242	11.665	2.33E-03
600777	4130045	10.348	37.061	38.519	11.044	2.21E-03
600787	4130045	9.844	32.323	33.371	10.478	2.10E-03
600797	4130045	9.363	28.514	29.317	9.937	2.00E-03
600807	4130045	8.926	25.431	26.105	9.449	1.91E-03
600817	4130045	8.519	22.895	23.484	8.998	1.82E-03
600827	4130045	8.136	20.782	21.307	8.574	1.74E-03
600837	4130045	7.777	19.000	19.472	8.179	1.66E-03
600847	4130045	7.444	17.485	17.909	7.814	1.59E-03
600857	4130045	7.132	16.180	16.561	7.475	1.52E-03
600867	4130045	6.839	15.042	15.386	7.156	1.46E-03
600877	4130045	6.560	14.036	14.348	6.853	1.40E-03
600887	4130045	6.296	13.141	13.425	6.567	1.35E-03
600897	4130045	6.046	12.337	12.598	6.298	1.29E-03

600907	4130045	5.817	11.625	11.866	6.051	1.24E-03
600177	4130055	5.836	40.883	44.524	6.320	1.25E-03
600187	4130055	6.173	57.674	64.996	6.728	1.32E-03
600197	4130055	6.540	52.933	59.249	7.180	1.40E-03
600207	4130055	6.940	61.967	70.019	7.676	1.48E-03
600217	4130055	7.376	74.916	85.437	8.224	1.58E-03
600227	4130055	7.853	72.368	80.759	8.842	1.68E-03
600237	4130055	8.380	65.089	71.384	9.533	1.79E-03
600247	4130055	8.953	64.251	70.387	10.293	1.91E-03
600257	4130055	9.580	69.313	77.188	11.146	2.05E-03
600267	4130055	10.273	82.201	94.827	12.108	2.20E-03
600277	4130055	11.040	56.750	63.457	13.198	2.36E-03
600287	4130055	11.893	44.324	48.258	14.447	2.54E-03
600297	4130055	12.843	67.789	77.383	15.873	2.75E-03
600307	4130055	13.902	66.341	74.437	17.513	2.97E-03
600317	4130055	15.079	54.754	59.760	19.403	3.22E-03
600327	4130055	16.409	46.975	50.323	21.613	3.51E-03
600337	4130055	17.910	41.352	43.688	24.225	3.83E-03
600347	4130055	19.607	37.053	38.726	27.302	4.19E-03
600357	4130055	21.531	33.670	34.905	30.974	4.60E-03
600367	4130055	23.719	30.938	31.886	35.389	5.07E-03
600377	4130055	26.199	28.694	29.424	40.693	5.60E-03
600387	4130055	29.028	26.845	27.426	47.149	6.20E-03
600397	4130055	32.271	25.299	25.786	55.105	6.90E-03
600407	4130055	35.965	24.009	24.426	64.910	7.69E-03
600417	4130055	40.120	22.937	23.300	76.891	8.58E-03
600427	4130055	44.826	22.026	22.364	91.713	9.58E-03
600437	4130055	50.126	21.271	21.592	109.855	1.07E-02
600447	4130055	55.867	20.650	20.957	130.789	1.19E-02
600457	4130055	62.025	20.157	20.448	153.086	1.33E-02
600467	4130055	68.357	19.775	20.053	171.730	1.46E-02
600477	4130055	74.734	19.500	19.762	178.780	1.60E-02
600487	4130055	80.690	19.320	19.571	166.549	1.72E-02
600497	4130055	85.671	19.230	19.479	138.436	1.83E-02
600507	4130055	89.043	19.228	19.477	106.455	1.90E-02
600517	4130055	89.695	19.317	19.568	77.821	1.92E-02
600527	4130055	85.604	19.502	19.760	57.514	1.83E-02
600537	4130055	74.819	19.784	20.051	46.544	1.60E-02
600547	4130055	62.133	20.147	20.430	41.150	1.33E-02
600557	4130055	52.542	20.620	20.923	38.014	1.12E-02
600567	4130055	45.351	21.248	21.579	35.756	9.69E-03
600577	4130055	39.646	21.988	22.356	33.718	8.47E-03
600587	4130055	34.918	22.862	23.279	31.792	7.46E-03
600597	4130055	30.990	23.899	24.380	29.939	6.62E-03
600607	4130055	27.699	25.103	25.667	28.116	5.92E-03
600617	4130055	24.929	26.484	27.155	26.319	5.33E-03
600627	4130055	22.667	28.139	28.946	24.639	4.85E-03
600637	4130055	20.801	30.115	31.095	23.060	4.45E-03
600647	4130055	19.265	32.533	33.732	21.604	4.12E-03
600657	4130055	17.974	35.510	36.996	20.250	3.84E-03
600667	4130055	16.836	39.144	41.017	18.967	3.60E-03
600677	4130055	15.819	43.691	46.126	17.766	3.38E-03
600687	4130055	14.920	49.692	52.986	16.680	3.19E-03
600697	4130055	14.109	57.883	62.658	15.690	3.02E-03
600707	4130055	13.360	69.590	77.181	14.776	2.86E-03

600717	4130055	12.660	69.896	78.575	13.926	2.71E-03
600727	4130055	12.004	49.463	53.717	13.141	2.57E-03
600737	4130055	11.399	57.584	63.810	12.422	2.44E-03
600747	4130055	10.825	80.157	91.590	11.746	2.31E-03
600757	4130055	10.296	60.827	66.674	11.126	2.20E-03
600767	4130055	9.813	48.338	51.625	10.565	2.10E-03
600777	4130055	9.353	39.815	41.769	10.034	2.00E-03
600787	4130055	8.923	33.797	35.095	9.543	1.91E-03
600797	4130055	8.521	29.328	30.285	9.089	1.82E-03
600807	4130055	8.147	25.878	26.648	8.671	1.74E-03
600817	4130055	7.795	23.131	23.779	8.276	1.67E-03
600827	4130055	7.466	20.895	21.455	7.908	1.60E-03
600837	4130055	7.157	19.038	19.530	7.563	1.53E-03
600847	4130055	6.865	17.471	17.905	7.239	1.47E-03
600857	4130055	6.591	16.131	16.516	6.937	1.41E-03
600867	4130055	6.334	14.974	15.317	6.656	1.35E-03
600877	4130055	6.091	13.959	14.268	6.391	1.30E-03
600887	4130055	5.861	13.059	13.339	6.138	1.25E-03
600897	4130055	5.638	12.246	12.501	5.895	1.21E-03
600907	4130055	5.430	11.521	11.754	5.671	1.16E-03
600177	4130065	6.067	52.814	59.274	6.678	1.30E-03
600187	4130065	6.415	48.164	53.667	7.116	1.37E-03
600197	4130065	6.796	45.261	49.835	7.600	1.45E-03
600207	4130065	7.209	76.632	88.662	8.125	1.54E-03
600217	4130065	7.658	69.977	78.495	8.713	1.64E-03
600227	4130065	8.151	59.199	64.679	9.373	1.74E-03
600237	4130065	8.687	54.146	58.348	10.096	1.86E-03
600247	4130065	9.274	53.293	57.319	10.907	1.98E-03
600257	4130065	9.919	56.138	60.933	11.816	2.12E-03
600267	4130065	10.626	63.026	69.859	12.836	2.27E-03
600277	4130065	11.400	75.643	86.518	13.981	2.44E-03
600287	4130065	12.263	52.883	58.763	15.292	2.62E-03
600297	4130065	13.220	53.639	59.939	16.785	2.83E-03
600307	4130065	14.283	65.395	74.636	18.511	3.05E-03
600317	4130065	15.461	67.779	76.417	20.471	3.30E-03
600327	4130065	16.776	55.846	61.222	22.756	3.59E-03
600337	4130065	18.253	47.835	51.445	25.425	3.90E-03
600347	4130065	19.910	42.034	44.557	28.556	4.26E-03
600357	4130065	21.770	37.602	39.412	32.241	4.65E-03
600367	4130065	23.848	34.094	35.384	36.572	5.10E-03
600377	4130065	26.194	31.322	32.290	41.736	5.60E-03
600387	4130065	28.830	29.065	29.815	47.893	6.16E-03
600397	4130065	31.791	27.204	27.809	55.256	6.80E-03
600407	4130065	35.088	25.669	26.160	63.995	7.50E-03
600417	4130065	38.680	24.390	24.788	74.148	8.27E-03
600427	4130065	42.747	23.314	23.681	86.302	9.14E-03
600437	4130065	47.064	22.415	22.754	99.683	1.01E-02
600447	4130065	51.616	21.668	21.990	113.556	1.10E-02
600457	4130065	56.289	21.061	21.367	125.899	1.20E-02
600467	4130065	60.943	20.580	20.870	133.400	1.30E-02
600477	4130065	65.374	20.211	20.483	132.462	1.40E-02
600487	4130065	69.163	19.947	20.209	121.453	1.48E-02
600497	4130065	71.964	19.779	20.036	103.941	1.54E-02
600507	4130065	73.293	19.705	19.959	84.673	1.57E-02
600517	4130065	72.318	19.725	19.978	66.014	1.55E-02



600527	4130065	68.105	19.841	20.098	50.600	1.46E-02
600537	4130065	60.394	20.046	20.311	40.197	1.29E-02
600547	4130065	51.524	20.354	20.632	34.347	1.10E-02
600557	4130065	43.796	20.762	21.059	31.069	9.36E-03
600567	4130065	37.664	21.280	21.601	28.901	8.05E-03
600577	4130065	32.829	21.931	22.284	27.192	7.02E-03
600587	4130065	28.943	22.717	23.112	25.686	6.19E-03
600597	4130065	25.774	23.654	24.103	24.303	5.51E-03
600607	4130065	23.146	24.748	25.267	22.985	4.95E-03
600617	4130065	20.932	25.991	26.600	21.687	4.47E-03
600627	4130065	19.123	27.484	28.210	20.475	4.09E-03
600637	4130065	17.639	29.278	30.148	19.334	3.77E-03
600647	4130065	16.408	31.435	32.485	18.258	3.51E-03
600657	4130065	15.371	34.053	35.329	17.243	3.29E-03
600667	4130065	14.471	37.227	38.801	16.274	3.09E-03
600677	4130065	13.683	41.204	43.176	15.371	2.92E-03
600687	4130065	12.982	46.313	48.865	14.534	2.77E-03
600697	4130065	12.339	52.977	56.450	13.751	2.64E-03
600707	4130065	11.754	62.101	67.273	13.034	2.51E-03
600717	4130065	11.185	74.780	83.076	12.339	2.39E-03
600727	4130065	10.665	79.952	91.253	11.706	2.28E-03
600737	4130065	10.167	54.117	59.362	11.109	2.17E-03
600747	4130065	9.704	72.658	82.283	10.555	2.07E-03
600757	4130065	9.273	67.400	75.102	10.049	1.98E-03
600767	4130065	8.867	50.306	54.046	9.574	1.90E-03
600777	4130065	8.481	40.442	42.575	9.126	1.81E-03
600787	4130065	8.119	33.941	35.340	8.708	1.74E-03
600797	4130065	7.776	29.264	30.285	8.315	1.66E-03
600807	4130065	7.457	25.733	26.543	7.954	1.59E-03
600817	4130065	7.153	22.948	23.620	7.612	1.53E-03
600827	4130065	6.870	20.704	21.277	7.295	1.47E-03
600837	4130065	6.601	18.849	19.344	6.997	1.41E-03
600847	4130065	6.347	17.286	17.718	6.713	1.36E-03
600857	4130065	6.105	15.949	16.329	6.443	1.30E-03
600867	4130065	5.877	14.794	15.130	6.191	1.26E-03
600877	4130065	5.664	13.787	14.088	5.955	1.21E-03
600887	4130065	5.461	12.896	13.166	5.732	1.17E-03
600897	4130065	5.267	12.099	12.343	5.520	1.13E-03
600907	4130065	5.080	11.376	11.598	5.317	1.09E-03
600177	4130075	6.281	56.845	65.125	7.024	1.34E-03
600187	4130075	6.641	54.309	61.579	7.490	1.42E-03
600197	4130075	7.032	72.260	83.847	7.995	1.50E-03
600207	4130075	7.455	68.910	78.111	8.555	1.59E-03
600217	4130075	7.916	56.005	61.437	9.176	1.69E-03
600227	4130075	8.414	48.875	52.551	9.857	1.80E-03
600237	4130075	8.957	45.425	48.385	10.614	1.91E-03
600247	4130075	9.553	44.832	47.660	11.461	2.04E-03
600257	4130075	10.205	46.635	49.803	12.412	2.18E-03
600267	4130075	10.918	50.883	54.976	13.473	2.33E-03
600277	4130075	11.700	58.274	64.271	14.667	2.50E-03
600287	4130075	12.558	70.718	80.479	16.008	2.68E-03
600297	4130075	13.507	52.697	58.926	17.546	2.89E-03
600307	4130075	14.555	41.986	45.755	19.288	3.11E-03
600317	4130075	15.718	50.594	56.163	21.295	3.36E-03
600327	4130075	17.001	69.773	79.209	23.587	3.63E-03

600337	4130075	18.428	57.288	63.149	26.235	3.94E-03
600347	4130075	20.014	48.860	52.760	29.308	4.28E-03
600357	4130075	21.777	42.776	45.474	32.871	4.65E-03
600367	4130075	23.728	38.145	40.031	37.000	5.07E-03
600377	4130075	25.887	34.569	35.908	41.798	5.53E-03
600387	4130075	28.292	31.769	32.783	47.411	6.05E-03
600397	4130075	30.941	29.482	30.275	53.912	6.61E-03
600407	4130075	33.765	27.609	28.184	61.175	7.22E-03
600417	4130075	36.912	26.077	26.566	69.584	7.89E-03
600427	4130075	40.221	24.792	25.206	78.604	8.60E-03
600437	4130075	43.691	23.718	24.088	87.868	9.34E-03
600447	4130075	47.207	22.824	23.166	96.294	1.01E-02
600457	4130075	50.677	22.086	22.409	102.370	1.08E-02
600467	4130075	53.967	21.487	21.792	104.326	1.15E-02
600477	4130075	56.860	21.013	21.299	100.846	1.22E-02
600487	4130075	59.034	20.661	20.937	92.145	1.26E-02
600497	4130075	60.275	20.412	20.681	80.632	1.29E-02
600507	4130075	60.211	20.263	20.526	68.178	1.29E-02
600517	4130075	58.430	20.215	20.475	55.672	1.25E-02
600527	4130075	54.602	20.265	20.526	44.307	1.17E-02
600537	4130075	49.000	20.403	20.671	35.457	1.05E-02
600547	4130075	42.862	20.649	20.927	29.732	9.16E-03
600557	4130075	37.107	21.003	21.299	26.329	7.93E-03
600567	4130075	32.183	21.466	21.785	24.215	6.88E-03
600577	4130075	28.128	22.042	22.390	22.694	6.01E-03
600587	4130075	24.838	22.760	23.147	21.449	5.31E-03
600597	4130075	22.156	23.639	24.077	20.350	4.74E-03
600607	4130075	19.929	24.673	25.175	19.315	4.26E-03
600617	4130075	18.056	25.855	26.438	18.313	3.86E-03
600627	4130075	16.527	27.284	27.970	17.379	3.53E-03
600637	4130075	15.275	29.016	29.829	16.506	3.27E-03
600647	4130075	14.238	31.098	32.072	15.677	3.04E-03
600657	4130075	13.372	33.641	34.815	14.890	2.86E-03
600667	4130075	12.627	36.745	38.182	14.133	2.70E-03
600677	4130075	11.984	40.678	42.470	13.429	2.56E-03
600687	4130075	11.419	45.806	48.130	12.770	2.44E-03
600697	4130075	10.901	52.630	55.876	12.148	2.33E-03
600707	4130075	10.412	62.171	67.164	11.550	2.23E-03
600717	4130075	9.960	77.400	86.279	10.992	2.13E-03
600727	4130075	9.534	68.866	76.673	10.472	2.04E-03
600737	4130075	9.123	56.980	62.400	9.972	1.95E-03
600747	4130075	8.749	75.245	85.421	9.526	1.87E-03
600757	4130075	8.391	62.284	68.522	9.097	1.79E-03
600767	4130075	8.048	47.757	51.032	8.693	1.72E-03
600777	4130075	7.722	38.896	40.890	8.313	1.65E-03
600787	4130075	7.417	32.883	34.250	7.963	1.59E-03
600797	4130075	7.121	28.462	29.478	7.623	1.52E-03
600807	4130075	6.847	25.102	25.911	7.308	1.46E-03
600817	4130075	6.588	22.443	23.112	7.013	1.41E-03
600827	4130075	6.339	20.273	20.840	6.735	1.35E-03
600837	4130075	6.103	18.473	18.960	6.472	1.30E-03
600847	4130075	5.882	16.961	17.382	6.227	1.26E-03
600857	4130075	5.669	15.659	16.027	5.991	1.21E-03
600867	4130075	5.468	14.530	14.854	5.767	1.17E-03
600877	4130075	5.277	13.539	13.827	5.556	1.13E-03

600887	4130075	5.097	12.669	12.926	5.357	1.09E-03
600897	4130075	4.927	11.892	12.124	5.170	1.05E-03
600177	4130085	6.478	35.408	38.960	7.353	1.38E-03
600187	4130085	6.847	51.483	58.395	7.836	1.46E-03
600197	4130085	7.244	67.176	76.919	8.366	1.55E-03
600207	4130085	7.675	53.176	58.693	8.953	1.64E-03
600217	4130085	8.139	45.167	48.660	9.592	1.74E-03
600227	4130085	8.641	40.589	43.134	10.294	1.85E-03
600237	4130085	9.189	38.480	40.632	11.077	1.96E-03
600247	4130085	9.787	38.155	40.227	11.949	2.09E-03
600257	4130085	10.438	39.446	41.687	12.922	2.23E-03
600267	4130085	11.151	42.502	45.215	14.011	2.38E-03
600277	4130085	11.928	47.395	51.050	15.230	2.55E-03
600287	4130085	12.778	54.967	60.430	16.593	2.73E-03
600297	4130085	13.707	66.912	75.840	18.131	2.93E-03
600307	4130085	14.727	49.373	54.692	19.870	3.15E-03
600317	4130085	15.848	52.131	58.325	21.840	3.39E-03
600327	4130085	17.085	54.886	61.905	24.092	3.65E-03
600337	4130085	18.443	72.189	82.552	26.654	3.94E-03
600347	4130085	19.937	58.831	65.164	29.578	4.26E-03
600357	4130085	21.581	49.973	54.159	32.925	4.61E-03
600367	4130085	23.380	43.579	46.438	36.735	5.00E-03
600377	4130085	25.341	38.787	40.772	41.056	5.42E-03
600387	4130085	27.468	35.110	36.506	45.924	5.87E-03
600397	4130085	29.769	32.244	33.265	51.379	6.36E-03
600407	4130085	32.237	29.948	30.729	57.387	6.89E-03
600417	4130085	34.830	28.064	28.676	63.759	7.44E-03
600427	4130085	37.515	26.513	27.011	70.212	8.02E-03
600437	4130085	40.226	25.224	25.647	76.197	8.60E-03
600447	4130085	42.869	24.150	24.526	80.867	9.16E-03
600457	4130085	45.393	23.255	23.603	83.419	9.70E-03
600467	4130085	47.608	22.517	22.841	82.830	1.02E-02
600477	4130085	49.327	21.933	22.240	78.806	1.05E-02
600487	4130085	50.396	21.480	21.775	72.196	1.08E-02
600497	4130085	50.650	21.141	21.427	64.291	1.08E-02
600507	4130085	49.853	20.914	21.192	55.802	1.07E-02
600517	4130085	47.850	20.793	21.065	47.063	1.02E-02
600527	4130085	44.619	20.775	21.046	38.640	9.54E-03
600537	4130085	40.513	20.859	21.134	31.530	8.66E-03
600547	4130085	36.080	21.050	21.335	26.347	7.71E-03
600557	4130085	31.788	21.361	21.661	22.972	6.79E-03
600567	4130085	27.908	21.788	22.111	20.840	5.97E-03
600577	4130085	24.569	22.332	22.686	19.406	5.25E-03
600587	4130085	21.731	22.977	23.370	18.285	4.64E-03
600597	4130085	19.444	23.839	24.284	17.400	4.16E-03
600607	4130085	17.528	24.871	25.378	16.574	3.75E-03
600617	4130085	15.922	26.095	26.678	15.792	3.40E-03
600627	4130085	14.575	27.535	28.216	15.037	3.12E-03
600637	4130085	13.471	29.300	30.103	14.333	2.88E-03
600647	4130085	12.567	31.489	32.446	13.672	2.69E-03
600657	4130085	11.807	34.165	35.327	13.033	2.52E-03
600667	4130085	11.166	37.547	38.984	12.426	2.39E-03
600677	4130085	10.621	41.977	43.826	11.856	2.27E-03
600687	4130085	10.146	48.004	50.575	11.323	2.17E-03
600697	4130085	9.711	56.613	60.613	10.806	2.08E-03

600707	4130085	9.306	70.497	77.688	10.315	1.99E-03
600717	4130085	8.930	65.923	72.739	9.852	1.91E-03
600727	4130085	8.575	70.925	78.971	9.415	1.83E-03
600737	4130085	8.244	81.774	92.867	9.013	1.76E-03
600747	4130085	7.929	72.190	80.269	8.627	1.69E-03
600757	4130085	7.626	54.730	59.030	8.264	1.63E-03
600767	4130085	7.337	43.791	46.399	7.921	1.57E-03
600777	4130085	7.065	36.483	38.247	7.600	1.51E-03
600787	4130085	6.805	31.248	32.528	7.296	1.45E-03
600797	4130085	6.551	27.285	28.266	7.008	1.40E-03
600807	4130085	6.311	24.194	24.982	6.735	1.35E-03
600817	4130085	6.084	21.719	22.372	6.475	1.30E-03
600827	4130085	5.867	19.680	20.231	6.230	1.25E-03
600837	4130085	5.660	17.976	18.448	5.999	1.21E-03
600847	4130085	5.465	16.533	16.939	5.783	1.17E-03
600857	4130085	5.279	15.289	15.642	5.576	1.13E-03
600867	4130085	5.101	14.203	14.513	5.380	1.09E-03
600877	4130085	4.930	13.242	13.516	5.191	1.05E-03
600887	4130085	4.769	12.393	12.637	5.012	1.02E-03
600897	4130085	4.616	11.637	11.855	4.843	9.87E-04
600187	4130095	7.030	63.072	72.914	8.157	1.50E-03
600197	4130095	7.431	49.108	54.454	8.705	1.59E-03
600207	4130095	7.864	41.353	44.663	9.304	1.68E-03
600217	4130095	8.328	36.563	38.842	9.953	1.78E-03
600227	4130095	8.832	33.978	35.782	10.677	1.89E-03
600237	4130095	9.380	32.832	34.425	11.477	2.00E-03
600247	4130095	9.974	32.858	34.410	12.363	2.13E-03
600257	4130095	10.621	34.063	35.717	13.350	2.27E-03
600267	4130095	11.323	36.296	38.215	14.442	2.42E-03
600277	4130095	12.083	39.669	42.093	15.656	2.58E-03
600287	4130095	12.913	44.752	48.063	17.015	2.76E-03
600297	4130095	13.815	52.158	57.085	18.530	2.95E-03
600307	4130095	14.797	63.443	71.412	20.228	3.16E-03
600317	4130095	15.869	61.883	70.370	22.138	3.39E-03
600327	4130095	17.039	51.627	57.852	24.288	3.64E-03
600337	4130095	18.314	50.599	56.359	26.705	3.91E-03
600347	4130095	19.703	74.896	86.286	29.424	4.21E-03
600357	4130095	21.211	60.614	67.503	32.477	4.53E-03
600367	4130095	22.840	51.163	55.631	35.880	4.88E-03
600377	4130095	24.587	44.403	47.391	39.644	5.26E-03
600387	4130095	26.450	39.446	41.495	43.760	5.65E-03
600397	4130095	28.429	35.722	37.183	48.215	6.08E-03
600407	4130095	30.524	32.835	33.950	52.953	6.52E-03
600417	4130095	32.623	30.461	31.275	57.582	6.97E-03
600427	4130095	34.752	28.553	29.189	61.965	7.43E-03
600437	4130095	36.820	26.986	27.500	65.578	7.87E-03
600447	4130095	38.794	25.684	26.130	67.979	8.29E-03
600457	4130095	40.531	24.597	24.992	68.504	8.66E-03
600467	4130095	41.897	23.716	24.071	66.768	8.96E-03
600477	4130095	42.822	22.996	23.328	63.100	9.15E-03
600487	4130095	43.183	22.423	22.739	58.108	9.23E-03
600497	4130095	42.866	21.984	22.289	52.442	9.16E-03
600507	4130095	41.798	21.670	21.963	46.463	8.93E-03
600517	4130095	39.855	21.473	21.763	40.100	8.52E-03
600527	4130095	37.219	21.389	21.677	33.802	7.96E-03

600537	4130095	34.110	21.419	21.708	28.154	7.29E-03
600547	4130095	30.801	21.568	21.864	23.669	6.58E-03
600557	4130095	27.501	21.832	22.144	20.450	5.88E-03
600567	4130095	24.424	22.227	22.561	18.310	5.22E-03
600577	4130095	21.692	22.762	23.129	16.901	4.64E-03
600587	4130095	19.320	23.432	23.842	15.889	4.13E-03
600597	4130095	17.318	24.280	24.745	15.103	3.70E-03
600607	4130095	15.636	25.336	25.867	14.426	3.34E-03
600617	4130095	14.225	26.634	27.242	13.794	3.04E-03
600627	4130095	13.033	28.189	28.899	13.184	2.79E-03
600637	4130095	12.049	30.132	30.968	12.611	2.58E-03
600647	4130095	11.237	32.573	33.578	12.067	2.40E-03
600657	4130095	10.555	35.645	36.886	11.542	2.26E-03
600667	4130095	9.993	39.723	41.321	11.047	2.14E-03
600677	4130095	9.519	45.314	47.543	10.581	2.03E-03
600687	4130095	9.100	53.368	56.867	10.128	1.95E-03
600697	4130095	8.723	66.365	72.697	9.697	1.86E-03
600707	4130095	8.382	61.206	66.782	9.286	1.79E-03
600717	4130095	8.060	56.826	61.411	8.893	1.72E-03
600727	4130095	7.770	87.534	100.096	8.530	1.66E-03
600737	4130095	7.490	77.965	87.052	8.184	1.60E-03
600747	4130095	7.220	60.168	65.174	7.852	1.54E-03
600757	4130095	6.963	48.207	51.267	7.538	1.49E-03
600767	4130095	6.718	39.871	41.943	7.245	1.44E-03
600777	4130095	6.488	33.916	35.435	6.973	1.39E-03
600787	4130095	6.266	29.450	30.617	6.714	1.34E-03
600797	4130095	6.050	25.969	26.894	6.462	1.29E-03
600807	4130095	5.839	23.166	23.920	6.220	1.25E-03
600817	4130095	5.638	20.889	21.515	5.994	1.21E-03
600827	4130095	5.448	19.003	19.530	5.777	1.16E-03
600837	4130095	5.267	17.412	17.861	5.575	1.13E-03
600847	4130095	5.093	16.044	16.430	5.381	1.09E-03
600857	4130095	4.928	14.862	15.198	5.199	1.05E-03
600867	4130095	4.770	13.827	14.120	5.025	1.02E-03
600877	4130095	4.619	12.907	13.165	4.859	9.87E-04
600887	4130095	4.474	12.089	12.316	4.698	9.56E-04
600897	4130095	4.335	11.355	11.558	4.546	9.27E-04
600187	4130105	7.188	42.320	46.859	8.443	1.54E-03
600197	4130105	7.590	36.388	39.285	9.000	1.62E-03
600207	4130105	8.020	32.475	34.482	9.607	1.71E-03
600217	4130105	8.484	30.080	31.631	10.269	1.81E-03
600227	4130105	8.986	28.789	30.099	11.001	1.92E-03
600237	4130105	9.527	28.328	29.528	11.804	2.04E-03
600247	4130105	10.113	28.652	29.837	12.696	2.16E-03
600257	4130105	10.749	29.793	31.045	13.673	2.30E-03
600267	4130105	11.432	31.478	32.909	14.761	2.44E-03
600277	4130105	12.170	33.990	35.718	15.948	2.60E-03
600287	4130105	12.971	37.677	39.892	17.279	2.77E-03
600297	4130105	13.838	42.779	45.820	18.753	2.96E-03
600307	4130105	14.777	50.100	54.658	20.388	3.16E-03
600317	4130105	15.789	60.798	68.156	22.197	3.37E-03
600327	4130105	16.879	47.008	51.813	24.199	3.61E-03
600337	4130105	18.060	51.527	57.764	26.434	3.86E-03
600347	4130105	19.329	56.501	64.251	28.898	4.13E-03
600357	4130105	20.693	77.947	90.468	31.615	4.42E-03

600367	4130105	22.138	62.154	69.353	34.563	4.73E-03
600377	4130105	23.685	52.398	57.131	37.778	5.06E-03
600387	4130105	25.296	45.385	48.551	41.174	5.41E-03
600397	4130105	27.003	40.486	42.820	44.775	5.77E-03
600407	4130105	28.697	36.487	38.097	48.262	6.13E-03
600417	4130105	30.389	33.436	34.583	51.544	6.50E-03
600427	4130105	32.034	31.027	31.881	54.353	6.85E-03
600437	4130105	33.599	29.089	29.767	56.413	7.18E-03
600447	4130105	35.007	27.479	28.047	57.368	7.48E-03
600457	4130105	36.126	26.174	26.642	56.796	7.72E-03
600467	4130105	36.894	25.109	25.507	54.744	7.89E-03
600477	4130105	37.289	24.227	24.588	51.630	7.97E-03
600487	4130105	37.216	23.515	23.855	47.814	7.95E-03
600497	4130105	36.633	22.957	23.281	43.668	7.83E-03
600507	4130105	35.439	22.547	22.864	39.183	7.58E-03
600517	4130105	33.721	22.267	22.579	34.475	7.21E-03
600527	4130105	31.589	22.116	22.425	29.705	6.75E-03
600537	4130105	29.178	22.095	22.404	25.229	6.24E-03
600547	4130105	26.613	22.198	22.513	21.406	5.69E-03
600557	4130105	24.039	22.432	22.763	18.469	5.14E-03
600567	4130105	21.574	22.809	23.165	16.387	4.61E-03
600577	4130105	19.324	23.350	23.742	14.977	4.13E-03
600587	4130105	17.325	24.061	24.499	14.000	3.70E-03
600597	4130105	15.574	24.939	25.438	13.261	3.33E-03
600607	4130105	14.099	26.091	26.661	12.682	3.01E-03
600617	4130105	12.835	27.499	28.159	12.158	2.74E-03
600627	4130105	11.774	29.273	30.047	11.667	2.52E-03
600637	4130105	10.893	31.544	32.464	11.205	2.33E-03
600647	4130105	10.155	34.443	35.569	10.755	2.17E-03
600657	4130105	9.539	38.254	39.701	10.324	2.04E-03
600667	4130105	9.030	43.506	45.519	9.911	1.93E-03
600677	4130105	8.599	51.136	54.295	9.518	1.84E-03
600687	4130105	8.229	63.417	69.176	9.139	1.76E-03
600697	4130105	7.891	71.249	79.298	8.764	1.69E-03
600707	4130105	7.597	68.875	76.309	8.417	1.62E-03
600717	4130105	7.327	71.379	79.342	8.085	1.57E-03
600727	4130105	7.078	81.661	91.474	7.778	1.51E-03
600737	4130105	6.836	63.700	69.149	7.473	1.46E-03
600747	4130105	6.608	51.696	55.137	7.190	1.41E-03
600757	4130105	6.389	42.896	45.226	6.918	1.37E-03
600767	4130105	6.180	36.358	38.051	6.665	1.32E-03
600777	4130105	5.980	31.431	32.737	6.421	1.28E-03
600787	4130105	5.788	27.626	28.671	6.195	1.24E-03
600797	4130105	5.604	24.600	25.452	5.980	1.20E-03
600807	4130105	5.422	22.107	22.812	5.766	1.16E-03
600817	4130105	5.245	20.028	20.618	5.565	1.12E-03
600827	4130105	5.077	18.286	18.783	5.376	1.09E-03
600837	4130105	4.916	16.802	17.224	5.194	1.05E-03
600847	4130105	4.762	15.522	15.885	5.023	1.02E-03
600857	4130105	4.615	14.405	14.720	4.859	9.86E-04
600867	4130105	4.473	13.419	13.694	4.705	9.56E-04
600877	4130105	4.337	12.540	12.780	4.555	9.27E-04
600887	4130105	4.206	11.755	11.966	4.410	8.99E-04
600187	4130115	7.321	30.384	32.611	8.693	1.56E-03
600197	4130115	7.719	28.053	29.711	9.253	1.65E-03

600207	4130115	8.146	26.358	27.670	9.866	1.74E-03
600217	4130115	8.606	25.332	26.433	10.527	1.84E-03
600227	4130115	9.100	24.833	25.812	11.264	1.95E-03
600237	4130115	9.632	24.818	25.740	12.059	2.06E-03
600247	4130115	10.204	25.310	26.231	12.941	2.18E-03
600257	4130115	10.819	26.253	27.231	13.900	2.31E-03
600267	4130115	11.480	27.677	28.773	14.957	2.45E-03
600277	4130115	12.192	29.736	31.026	16.119	2.61E-03
600287	4130115	12.957	32.515	34.101	17.392	2.77E-03
600297	4130115	13.781	36.240	38.295	18.794	2.95E-03
600307	4130115	14.668	41.450	44.301	20.345	3.14E-03
600317	4130115	15.614	48.398	52.642	22.038	3.34E-03
600327	4130115	16.626	58.510	65.324	23.887	3.55E-03
600337	4130115	17.699	58.064	65.444	25.890	3.78E-03
600347	4130115	18.848	50.147	55.983	28.084	4.03E-03
600357	4130115	20.060	50.827	56.734	30.438	4.29E-03
600367	4130115	21.339	61.932	70.327	32.961	4.56E-03
600377	4130115	22.674	64.492	72.513	35.619	4.85E-03
600387	4130115	24.065	54.188	59.445	38.382	5.14E-03
600397	4130115	25.460	46.724	50.223	41.094	5.44E-03
600407	4130115	26.840	41.268	43.654	43.644	5.74E-03
600417	4130115	28.176	37.213	38.875	45.871	6.02E-03
600427	4130115	29.433	34.105	35.307	47.582	6.29E-03
600437	4130115	30.579	31.653	32.581	48.599	6.54E-03
600447	4130115	31.529	29.654	30.386	48.658	6.74E-03
600457	4130115	32.209	28.042	28.621	47.629	6.88E-03
600467	4130115	32.588	26.727	27.202	45.674	6.97E-03
600477	4130115	32.635	25.650	26.062	43.075	6.98E-03
600487	4130115	32.310	24.776	25.150	40.093	6.91E-03
600497	4130115	31.566	24.089	24.440	36.890	6.75E-03
600507	4130115	30.421	23.565	23.906	33.500	6.50E-03
600517	4130115	28.935	23.191	23.528	29.923	6.18E-03
600527	4130115	27.196	22.968	23.301	26.237	5.81E-03
600537	4130115	25.281	22.892	23.227	22.661	5.40E-03
600547	4130115	23.258	22.957	23.300	19.457	4.97E-03
600557	4130115	21.213	23.174	23.534	16.847	4.53E-03
600567	4130115	19.222	23.555	23.942	14.883	4.11E-03
600577	4130115	17.353	24.120	24.547	13.486	3.71E-03
600587	4130115	15.638	24.866	25.347	12.494	3.34E-03
600597	4130115	14.107	25.816	26.369	11.771	3.02E-03
600607	4130115	12.802	27.106	27.741	11.239	2.74E-03
600617	4130115	11.682	28.757	29.495	10.797	2.50E-03
600627	4130115	10.725	30.852	31.729	10.395	2.29E-03
600637	4130115	9.924	33.601	34.665	10.018	2.12E-03
600647	4130115	9.253	37.241	38.595	9.652	1.98E-03
600657	4130115	8.692	42.231	44.097	9.295	1.86E-03
600667	4130115	8.224	49.467	52.369	8.954	1.76E-03
600677	4130115	7.831	60.996	66.232	8.622	1.67E-03
600687	4130115	7.486	57.572	62.370	8.291	1.60E-03
600697	4130115	7.190	69.367	77.127	7.978	1.54E-03
600707	4130115	6.932	70.337	78.047	7.684	1.48E-03
600717	4130115	6.698	84.870	95.497	7.403	1.43E-03
600727	4130115	6.475	66.167	71.926	7.122	1.38E-03
600737	4130115	6.269	54.088	57.747	6.862	1.34E-03
600747	4130115	6.075	45.326	47.881	6.618	1.30E-03

600757	4130115	5.888	38.558	40.420	6.382	1.26E-03
600767	4130115	5.708	33.291	34.714	6.158	1.22E-03
600777	4130115	5.536	29.179	30.312	5.948	1.18E-03
600787	4130115	5.368	25.894	26.821	5.742	1.15E-03
600797	4130115	5.205	23.231	24.001	5.550	1.11E-03
600807	4130115	5.049	21.032	21.676	5.367	1.08E-03
600817	4130115	4.895	19.158	19.701	5.187	1.05E-03
600827	4130115	4.745	17.554	18.013	5.017	1.01E-03
600837	4130115	4.601	16.171	16.563	4.856	9.84E-04
600847	4130115	4.465	14.976	15.313	4.701	9.54E-04
600857	4130115	4.333	13.927	14.219	4.554	9.26E-04
600867	4130115	4.207	12.996	13.250	4.415	8.99E-04
600877	4130115	4.083	12.155	12.377	4.280	8.73E-04
600887	4130115	3.964	11.402	11.596	4.149	8.47E-04
600197	4130125	7.820	22.821	23.870	9.459	1.67E-03
600207	4130125	8.242	22.226	23.138	10.075	1.76E-03
600217	4130125	8.694	21.884	22.697	10.731	1.86E-03
600227	4130125	9.177	21.823	22.573	11.457	1.96E-03
600237	4130125	9.694	22.049	22.770	12.239	2.07E-03
600247	4130125	10.248	22.604	23.331	13.098	2.19E-03
600257	4130125	10.840	23.485	24.255	14.028	2.32E-03
600267	4130125	11.475	24.758	25.610	15.050	2.45E-03
600277	4130125	12.154	26.450	27.437	16.160	2.60E-03
600287	4130125	12.879	28.660	29.847	17.374	2.75E-03
600297	4130125	13.655	31.599	33.075	18.693	2.92E-03
600307	4130125	14.479	35.318	37.247	20.126	3.09E-03
600317	4130125	15.352	40.079	42.739	21.672	3.28E-03
600327	4130125	16.276	46.592	50.466	23.340	3.48E-03
600337	4130125	17.253	56.110	62.245	25.138	3.69E-03
600347	4130125	18.279	71.083	81.788	27.047	3.91E-03
600357	4130125	19.352	50.984	57.181	29.068	4.14E-03
600367	4130125	20.453	40.300	43.852	31.151	4.37E-03
600377	4130125	21.594	66.989	77.047	33.300	4.62E-03
600387	4130125	22.762	67.126	76.115	35.463	4.87E-03
600397	4130125	23.906	55.696	61.281	37.495	5.11E-03
600407	4130125	25.008	47.803	51.459	39.286	5.35E-03
600417	4130125	26.043	42.181	44.665	40.724	5.57E-03
600427	4130125	26.988	38.059	39.836	41.687	5.77E-03
600437	4130125	27.791	34.857	36.167	42.013	5.94E-03
600447	4130125	28.394	32.313	33.290	41.579	6.07E-03
600457	4130125	28.763	30.281	31.029	40.405	6.15E-03
600467	4130125	28.872	28.644	29.238	38.639	6.17E-03
600477	4130125	28.708	27.316	27.812	36.496	6.14E-03
600487	4130125	28.235	26.249	26.677	34.113	6.04E-03
600497	4130125	27.455	25.403	25.789	31.591	5.87E-03
600507	4130125	26.410	24.747	25.114	28.986	5.65E-03
600517	4130125	25.137	24.268	24.629	26.207	5.37E-03
600527	4130125	23.702	23.963	24.324	23.311	5.07E-03
600537	4130125	22.151	23.828	24.193	20.433	4.73E-03
600547	4130125	20.528	23.860	24.238	17.757	4.39E-03
600557	4130125	18.874	24.065	24.465	15.464	4.03E-03
600567	4130125	17.241	24.461	24.892	13.647	3.69E-03
600577	4130125	15.674	25.067	25.544	12.288	3.35E-03
600587	4130125	14.202	25.883	26.425	11.292	3.04E-03
600597	4130125	12.869	26.974	27.599	10.575	2.75E-03



600607	4130125	11.711	28.475	29.199	10.062	2.50E-03
600617	4130125	10.709	30.460	31.310	9.661	2.29E-03
600627	4130125	9.849	33.073	34.096	9.321	2.11E-03
600637	4130125	9.109	36.500	37.795	9.004	1.95E-03
600647	4130125	8.491	41.259	43.020	8.704	1.81E-03
600657	4130125	7.974	48.138	50.840	8.416	1.70E-03
600667	4130125	7.539	58.935	63.707	8.127	1.61E-03
600677	4130125	7.172	66.510	73.455	7.845	1.53E-03
600687	4130125	6.855	67.010	74.001	7.566	1.47E-03
600697	4130125	6.593	71.394	79.326	7.307	1.41E-03
600707	4130125	6.362	88.078	99.676	7.053	1.36E-03
600717	4130125	6.148	68.375	74.537	6.803	1.31E-03
600727	4130125	5.953	55.912	59.744	6.564	1.27E-03
600737	4130125	5.777	47.146	49.852	6.341	1.23E-03
600747	4130125	5.604	40.289	42.284	6.119	1.20E-03
600757	4130125	5.443	34.925	36.466	5.910	1.16E-03
600767	4130125	5.289	30.614	31.833	5.717	1.13E-03
600777	4130125	5.143	27.170	28.155	5.530	1.10E-03
600787	4130125	4.994	24.288	25.106	5.348	1.07E-03
600797	4130125	4.851	21.924	22.610	5.174	1.04E-03
600807	4130125	4.713	19.951	20.529	5.008	1.01E-03
600817	4130125	4.580	18.282	18.771	4.852	9.79E-04
600827	4130125	4.449	16.820	17.237	4.699	9.51E-04
600837	4130125	4.319	15.531	15.888	4.552	9.23E-04
600847	4130125	4.196	14.413	14.721	4.412	8.97E-04
600857	4130125	4.078	13.429	13.696	4.280	8.72E-04
600867	4130125	3.964	12.550	12.782	4.154	8.47E-04
600877	4130125	3.854	11.762	11.964	4.034	8.24E-04
600197	4130135	7.895	19.392	20.104	9.625	1.69E-03
600207	4130135	8.307	19.292	19.951	10.232	1.78E-03
600217	4130135	8.747	19.311	19.925	10.877	1.87E-03
600227	4130135	9.216	19.497	20.081	11.584	1.97E-03
600237	4130135	9.715	19.850	20.419	12.346	2.08E-03
600247	4130135	10.247	20.435	21.012	13.174	2.19E-03
600257	4130135	10.814	21.272	21.881	14.069	2.31E-03
600267	4130135	11.418	22.390	23.062	15.039	2.44E-03
600277	4130135	12.060	23.841	24.611	16.089	2.58E-03
600287	4130135	12.741	25.691	26.604	17.228	2.72E-03
600297	4130135	13.462	27.940	29.049	18.447	2.88E-03
600307	4130135	14.221	30.676	32.074	19.754	3.04E-03
600317	4130135	15.019	34.159	35.983	21.150	3.21E-03
600327	4130135	15.860	38.871	41.365	22.643	3.39E-03
600337	4130135	16.740	45.332	48.979	24.221	3.58E-03
600347	4130135	17.650	54.420	60.203	25.869	3.77E-03
600357	4130135	18.583	68.234	78.179	27.563	3.97E-03
600367	4130135	19.531	48.795	54.191	29.268	4.17E-03
600377	4130135	20.487	51.228	57.340	30.956	4.38E-03
600387	4130135	21.448	65.238	74.936	32.600	4.58E-03
600397	4130135	22.379	69.724	79.505	34.086	4.78E-03
600407	4130135	23.239	57.230	63.088	35.283	4.97E-03
600417	4130135	24.029	49.081	52.959	36.159	5.14E-03
600427	4130135	24.715	43.322	46.021	36.602	5.28E-03
600437	4130135	25.247	38.964	40.866	36.493	5.40E-03
600447	4130135	25.598	35.622	36.984	35.824	5.47E-03
600457	4130135	25.746	33.016	34.021	34.648	5.50E-03

600467	4130135	25.681	30.949	31.728	33.104	5.49E-03
600477	4130135	25.378	29.296	29.916	31.308	5.42E-03
600487	4130135	24.840	27.976	28.486	29.376	5.31E-03
600497	4130135	24.091	26.930	27.372	27.397	5.15E-03
600507	4130135	23.155	26.119	26.524	25.339	4.95E-03
600517	4130135	22.066	25.519	25.910	23.145	4.72E-03
600527	4130135	20.867	25.119	25.510	20.829	4.46E-03
600537	4130135	19.596	24.919	25.320	18.486	4.19E-03
600547	4130135	18.273	24.922	25.341	16.254	3.91E-03
600557	4130135	16.922	25.133	25.579	14.265	3.62E-03
600567	4130135	15.563	25.556	26.043	12.604	3.33E-03
600577	4130135	14.233	26.216	26.761	11.302	3.04E-03
600587	4130135	12.971	27.158	27.778	10.324	2.77E-03
600597	4130135	11.814	28.471	29.187	9.613	2.53E-03
600607	4130135	10.785	30.286	31.123	9.103	2.31E-03
600617	4130135	9.880	32.722	33.724	8.718	2.11E-03
600627	4130135	9.098	36.040	37.289	8.410	1.94E-03
600637	4130135	8.421	40.562	42.245	8.138	1.80E-03
600647	4130135	7.848	47.098	49.645	7.890	1.68E-03
600657	4130135	7.360	57.205	61.605	7.644	1.57E-03
600667	4130135	6.950	75.366	84.423	7.405	1.49E-03
600677	4130135	6.605	65.653	72.375	7.167	1.41E-03
600687	4130135	6.317	71.897	80.128	6.938	1.35E-03
600697	4130135	6.075	91.388	103.970	6.716	1.30E-03
600707	4130135	5.860	70.478	77.075	6.496	1.25E-03
600717	4130135	5.668	57.532	61.561	6.283	1.21E-03
600727	4130135	5.497	48.499	51.294	6.073	1.17E-03
600737	4130135	5.342	41.745	43.848	5.880	1.14E-03
600747	4130135	5.190	36.265	37.899	5.685	1.11E-03
600757	4130135	5.048	31.855	33.161	5.501	1.08E-03
600767	4130135	4.918	28.290	29.344	5.330	1.05E-03
600777	4130135	4.790	25.327	26.187	5.162	1.02E-03
600787	4130135	4.658	22.788	23.505	4.998	9.96E-04
600797	4130135	4.534	20.697	21.299	4.840	9.69E-04
600807	4130135	4.412	18.918	19.427	4.694	9.43E-04
600817	4130135	4.293	17.389	17.823	4.548	9.18E-04
600827	4130135	4.177	16.061	16.433	4.413	8.93E-04
600837	4130135	4.064	14.887	15.207	4.283	8.69E-04
600847	4130135	3.954	13.843	14.120	4.153	8.45E-04
600857	4130135	3.847	12.920	13.160	4.033	8.22E-04
600867	4130135	3.745	12.096	12.304	3.919	8.00E-04
600877	4130135	3.646	11.357	11.538	3.808	7.79E-04
600207	4130145	8.342	17.114	17.604	10.336	1.78E-03
600217	4130145	8.768	17.348	17.819	10.968	1.87E-03
600227	4130145	9.220	17.657	18.116	11.650	1.97E-03
600237	4130145	9.698	18.077	18.532	12.383	2.07E-03
600247	4130145	10.205	18.660	19.121	13.173	2.18E-03
600257	4130145	10.743	19.435	19.922	14.023	2.30E-03
600267	4130145	11.312	20.419	20.954	14.936	2.42E-03
600277	4130145	11.914	21.673	22.285	15.915	2.55E-03
600287	4130145	12.548	23.183	23.900	16.966	2.68E-03
600297	4130145	13.212	24.958	25.818	18.083	2.82E-03
600307	4130145	13.907	27.144	28.201	19.260	2.97E-03
600317	4130145	14.633	29.880	31.212	20.507	3.13E-03
600327	4130145	15.388	33.382	35.114	21.815	3.29E-03

600337	4130145	16.168	37.981	40.343	23.177	3.46E-03
600347	4130145	16.967	44.119	47.543	24.576	3.63E-03
600357	4130145	17.772	52.512	57.785	25.972	3.80E-03
600367	4130145	18.582	65.366	74.281	27.353	3.97E-03
600377	4130145	19.386	63.493	72.955	28.679	4.14E-03
600387	4130145	20.156	51.916	58.279	29.873	4.31E-03
600397	4130145	20.892	50.306	55.979	30.904	4.47E-03
600407	4130145	21.564	72.300	82.752	31.692	4.61E-03
600417	4130145	22.147	59.251	65.639	32.152	4.73E-03
600427	4130145	22.622	50.637	54.855	32.237	4.84E-03
600437	4130145	22.953	44.440	47.305	31.891	4.91E-03
600447	4130145	23.121	39.875	41.867	31.125	4.94E-03
600457	4130145	23.119	36.439	37.868	30.019	4.94E-03
600467	4130145	22.940	33.778	34.848	28.682	4.90E-03
600477	4130145	22.558	31.673	32.481	27.167	4.82E-03
600487	4130145	22.010	30.017	30.658	25.600	4.70E-03
600497	4130145	21.308	28.717	29.250	24.008	4.55E-03
600507	4130145	20.479	27.714	28.182	22.349	4.38E-03
600517	4130145	19.545	26.969	27.404	20.585	4.18E-03
600527	4130145	18.536	26.463	26.891	18.710	3.96E-03
600537	4130145	17.477	26.190	26.631	16.788	3.74E-03
600547	4130145	16.386	26.163	26.630	14.918	3.50E-03
600557	4130145	15.264	26.382	26.885	13.196	3.26E-03
600567	4130145	14.121	26.851	27.407	11.697	3.02E-03
600577	4130145	12.992	27.613	28.241	10.477	2.78E-03
600587	4130145	11.910	28.751	29.469	9.536	2.55E-03
600597	4130145	10.902	30.371	31.204	8.835	2.33E-03
600607	4130145	9.985	32.615	33.604	8.318	2.13E-03
600617	4130145	9.165	35.699	36.921	7.934	1.96E-03
600627	4130145	8.449	40.017	41.632	7.640	1.81E-03
600637	4130145	7.830	46.252	48.663	7.397	1.67E-03
600647	4130145	7.295	55.841	59.995	7.179	1.56E-03
600657	4130145	6.831	72.473	80.724	6.968	1.46E-03
600667	4130145	6.442	65.459	72.206	6.763	1.38E-03
600677	4130145	6.120	70.784	78.457	6.570	1.31E-03
600687	4130145	5.852	94.975	108.718	6.379	1.25E-03
600697	4130145	5.621	72.594	79.651	6.190	1.20E-03
600707	4130145	5.422	59.071	63.327	6.003	1.16E-03
600717	4130145	5.249	49.765	52.677	5.820	1.12E-03
600727	4130145	5.093	42.803	44.964	5.640	1.09E-03
600737	4130145	4.952	37.365	39.065	5.468	1.06E-03
600747	4130145	4.821	32.937	34.312	5.299	1.03E-03
600757	4130145	4.694	29.207	30.329	5.134	1.00E-03
600767	4130145	4.580	26.178	27.095	4.981	9.79E-04
600777	4130145	4.467	23.594	24.347	4.833	9.55E-04
600787	4130145	4.355	21.395	22.020	4.687	9.31E-04
600797	4130145	4.246	19.531	20.053	4.545	9.07E-04
600807	4130145	4.138	17.926	18.367	4.412	8.85E-04
600817	4130145	4.033	16.531	16.908	4.280	8.62E-04
600827	4130145	3.930	15.308	15.633	4.156	8.40E-04
600837	4130145	3.830	14.232	14.512	4.036	8.19E-04
600847	4130145	3.732	13.269	13.513	3.923	7.98E-04
600857	4130145	3.636	12.404	12.615	3.810	7.77E-04
600867	4130145	3.545	11.639	11.822	3.709	7.58E-04
600207	4130155	8.350	15.485	15.858	10.394	1.78E-03

600217	4130155	8.759	15.798	16.167	11.003	1.87E-03
600227	4130155	9.190	16.153	16.519	11.655	1.96E-03
600237	4130155	9.645	16.593	16.959	12.350	2.06E-03
600247	4130155	10.126	17.182	17.557	13.101	2.16E-03
600257	4130155	10.632	17.905	18.302	13.898	2.27E-03
600267	4130155	11.165	18.778	19.212	14.750	2.39E-03
600277	4130155	11.725	19.858	20.352	15.655	2.51E-03
600287	4130155	12.308	21.102	21.672	16.609	2.63E-03
600297	4130155	12.915	22.557	23.232	17.615	2.76E-03
600307	4130155	13.547	24.347	25.163	18.672	2.90E-03
600317	4130155	14.200	26.537	27.545	19.771	3.04E-03
600327	4130155	14.872	29.243	30.515	20.904	3.18E-03
600337	4130155	15.560	32.722	34.371	22.066	3.33E-03
600347	4130155	16.252	37.086	39.316	23.229	3.47E-03
600357	4130155	16.939	42.767	45.923	24.363	3.62E-03
600367	4130155	17.630	51.090	56.014	25.471	3.77E-03
600377	4130155	18.290	63.117	71.354	26.475	3.91E-03
600387	4130155	18.914	47.979	53.165	27.348	4.04E-03
600397	4130155	19.478	51.774	58.066	28.017	4.16E-03
600407	4130155	19.979	55.800	63.216	28.465	4.27E-03
600417	4130155	20.403	75.501	87.066	28.654	4.36E-03
600427	4130155	20.714	61.429	68.411	28.514	4.43E-03
600437	4130155	20.895	52.133	56.638	28.044	4.47E-03
600447	4130155	20.932	45.585	48.607	27.258	4.47E-03
600457	4130155	20.830	40.885	43.009	26.256	4.45E-03
600467	4130155	20.563	37.299	38.791	25.066	4.40E-03
600477	4130155	20.161	34.580	35.681	23.812	4.31E-03
600487	4130155	19.628	32.472	33.315	22.528	4.20E-03
600497	4130155	18.986	30.835	31.512	21.227	4.06E-03
600507	4130155	18.252	29.582	30.152	19.876	3.90E-03
600517	4130155	17.449	28.656	29.164	18.439	3.73E-03
600527	4130155	16.595	28.024	28.508	16.902	3.55E-03
600537	4130155	15.706	27.673	28.165	15.306	3.36E-03
600547	4130155	14.793	27.618	28.139	13.731	3.16E-03
600557	4130155	13.839	27.833	28.405	12.227	2.96E-03
600567	4130155	12.874	28.377	29.017	10.890	2.75E-03
600577	4130155	11.916	29.312	30.039	9.772	2.55E-03
600587	4130155	10.987	30.735	31.572	8.881	2.35E-03
600597	4130155	10.104	32.765	33.750	8.192	2.16E-03
600607	4130155	9.282	35.600	36.803	7.670	1.98E-03
600617	4130155	8.542	39.637	41.198	7.283	1.83E-03
600627	4130155	7.888	45.527	47.799	6.992	1.69E-03
600637	4130155	7.313	54.569	58.428	6.760	1.56E-03
600647	4130155	6.807	70.041	77.663	6.556	1.46E-03
600657	4130155	6.371	62.821	68.847	6.368	1.36E-03
600667	4130155	6.004	57.211	61.764	6.199	1.28E-03
600677	4130155	5.703	83.758	94.760	6.041	1.22E-03
600687	4130155	5.441	74.713	82.216	5.876	1.16E-03
600697	4130155	5.223	60.539	65.010	5.717	1.12E-03
600707	4130155	5.039	50.921	53.951	5.561	1.08E-03
600717	4130155	4.880	43.827	46.067	5.405	1.04E-03
600727	4130155	4.735	38.232	39.976	5.249	1.01E-03
600737	4130155	4.605	33.750	35.170	5.097	9.84E-04
600747	4130155	4.487	30.034	31.207	4.950	9.59E-04
600757	4130155	4.375	26.880	27.849	4.803	9.35E-04

600767	4130155	4.270	24.221	25.019	4.664	9.13E-04
600777	4130155	4.172	21.986	22.641	4.533	8.92E-04
600787	4130155	4.077	20.081	20.620	4.403	8.72E-04
600797	4130155	3.982	18.415	18.864	4.280	8.51E-04
600807	4130155	3.889	16.973	17.351	4.158	8.31E-04
600817	4130155	3.798	15.716	16.040	4.041	8.12E-04
600827	4130155	3.706	14.584	14.862	3.927	7.92E-04
600837	4130155	3.615	13.574	13.814	3.816	7.73E-04
600847	4130155	3.528	12.683	12.892	3.712	7.54E-04
600857	4130155	3.442	11.885	12.066	3.607	7.36E-04
600867	4130155	3.361	11.178	11.335	3.516	7.18E-04
600217	4130165	8.719	14.538	14.832	10.986	1.86E-03
600227	4130165	9.129	14.897	15.194	11.605	1.95E-03
600237	4130165	9.559	15.345	15.644	12.260	2.04E-03
600247	4130165	10.012	15.919	16.228	12.963	2.14E-03
600257	4130165	10.486	16.604	16.933	13.707	2.24E-03
600267	4130165	10.981	17.393	17.752	14.491	2.35E-03
600277	4130165	11.497	18.307	18.708	15.318	2.46E-03
600287	4130165	12.031	19.371	19.829	16.178	2.57E-03
600297	4130165	12.583	20.623	21.160	17.075	2.69E-03
600307	4130165	13.152	22.113	22.755	18.009	2.81E-03
600317	4130165	13.736	23.910	24.691	18.968	2.94E-03
600327	4130165	14.331	26.114	27.080	19.942	3.06E-03
600337	4130165	14.929	28.776	29.994	20.918	3.19E-03
600347	4130165	15.520	31.987	33.556	21.865	3.32E-03
600357	4130165	16.112	36.338	38.447	22.794	3.44E-03
600367	4130165	16.680	41.933	44.919	23.641	3.57E-03
600377	4130165	17.218	49.574	54.092	24.387	3.68E-03
600387	4130165	17.714	60.805	68.248	24.996	3.79E-03
600397	4130165	18.150	60.312	68.461	25.422	3.88E-03
600407	4130165	18.515	51.355	57.441	25.633	3.96E-03
600417	4130165	18.793	51.387	57.317	25.601	4.02E-03
600427	4130165	18.982	78.911	91.709	25.333	4.06E-03
600437	4130165	19.056	63.675	71.269	24.811	4.07E-03
600447	4130165	19.008	53.798	58.656	24.063	4.06E-03
600457	4130165	18.826	46.852	50.076	23.139	4.02E-03
600467	4130165	18.521	41.865	44.058	22.109	3.96E-03
600477	4130165	18.115	38.237	39.806	21.059	3.87E-03
600487	4130165	17.614	35.498	36.669	19.998	3.77E-03
600497	4130165	17.029	33.394	34.299	18.920	3.64E-03
600507	4130165	16.379	31.798	32.526	17.798	3.50E-03
600517	4130165	15.686	30.634	31.258	16.611	3.35E-03
600527	4130165	14.959	29.843	30.417	15.341	3.20E-03
600537	4130165	14.206	29.402	29.968	14.012	3.04E-03
600547	4130165	13.422	29.294	29.885	12.660	2.87E-03
600557	4130165	12.612	29.534	30.183	11.355	2.70E-03
600567	4130165	11.792	30.194	30.929	10.171	2.52E-03
600577	4130165	10.976	31.377	32.220	9.157	2.35E-03
600587	4130165	10.173	33.185	34.170	8.319	2.17E-03
600597	4130165	9.397	35.792	36.983	7.651	2.01E-03
600607	4130165	8.667	39.528	41.054	7.134	1.85E-03
600617	4130165	7.999	45.028	47.195	6.745	1.71E-03
600627	4130165	7.395	53.463	57.039	6.446	1.58E-03
600637	4130165	6.856	67.791	74.736	6.212	1.47E-03
600647	4130165	6.379	64.025	70.559	6.013	1.36E-03

600657	4130165	5.969	70.211	77.826	5.847	1.28E-03
600667	4130165	5.626	83.574	94.467	5.700	1.20E-03
600677	4130165	5.336	77.321	85.675	5.563	1.14E-03
600687	4130165	5.080	61.967	66.630	5.420	1.09E-03
600697	4130165	4.875	52.007	55.155	5.290	1.04E-03
600707	4130165	4.700	44.676	46.980	5.160	1.00E-03
600717	4130165	4.549	39.021	40.812	5.027	9.72E-04
600727	4130165	4.413	34.424	35.875	4.892	9.43E-04
600737	4130165	4.295	30.690	31.897	4.761	9.18E-04
600747	4130165	4.188	27.538	28.545	4.632	8.95E-04
600757	4130165	4.089	24.853	25.688	4.505	8.74E-04
600767	4130165	3.996	22.550	23.236	4.384	8.54E-04
600777	4130165	3.907	20.548	21.109	4.264	8.35E-04
600787	4130165	3.823	18.835	19.294	4.147	8.17E-04
600797	4130165	3.741	17.359	17.740	4.037	8.00E-04
600807	4130165	3.660	16.052	16.372	3.927	7.82E-04
600817	4130165	3.579	14.903	15.176	3.823	7.65E-04
600827	4130165	3.498	13.864	14.099	3.718	7.48E-04
600837	4130165	3.417	12.931	13.132	3.616	7.30E-04
600847	4130165	3.339	12.104	12.278	3.520	7.14E-04
600857	4130165	3.263	11.367	11.518	3.426	6.97E-04
600217	4130175	8.651	13.433	13.674	10.918	1.85E-03
600227	4130175	9.039	13.848	14.092	11.503	1.93E-03
600237	4130175	9.445	14.309	14.559	12.119	2.02E-03
600247	4130175	9.868	14.847	15.107	12.771	2.11E-03
600257	4130175	10.309	15.476	15.754	13.458	2.20E-03
600267	4130175	10.766	16.180	16.481	14.170	2.30E-03
600277	4130175	11.238	16.993	17.326	14.918	2.40E-03
600287	4130175	11.723	17.918	18.293	15.690	2.51E-03
600297	4130175	12.222	19.009	19.442	16.484	2.61E-03
600307	4130175	12.730	20.272	20.783	17.299	2.72E-03
600317	4130175	13.249	21.794	22.410	18.125	2.83E-03
600327	4130175	13.770	23.601	24.350	18.954	2.94E-03
600337	4130175	14.282	25.648	26.574	19.752	3.05E-03
600347	4130175	14.794	28.305	29.471	20.536	3.16E-03
600357	4130175	15.286	31.524	33.022	21.259	3.27E-03
600367	4130175	15.752	35.577	37.572	21.900	3.37E-03
600377	4130175	16.184	40.910	43.697	22.437	3.46E-03
600387	4130175	16.569	48.160	52.316	22.840	3.54E-03
600397	4130175	16.897	58.607	65.315	23.076	3.61E-03
600407	4130175	17.153	75.182	87.122	23.121	3.67E-03
600417	4130175	17.327	51.970	58.244	22.962	3.70E-03
600427	4130175	17.415	41.392	45.051	22.611	3.72E-03
600437	4130175	17.408	66.183	75.759	22.068	3.72E-03
600447	4130175	17.300	66.054	74.319	21.375	3.70E-03
600457	4130175	17.078	55.379	60.522	20.551	3.65E-03
600467	4130175	16.760	48.118	51.515	19.670	3.58E-03
600477	4130175	16.363	43.050	45.410	18.777	3.50E-03
600487	4130175	15.896	39.343	41.048	17.886	3.40E-03
600497	4130175	15.362	36.542	37.795	16.974	3.28E-03
600507	4130175	14.789	34.474	35.449	16.041	3.16E-03
600517	4130175	14.189	32.984	33.792	15.050	3.03E-03
600527	4130175	13.565	31.980	32.694	13.987	2.90E-03
600537	4130175	12.914	31.402	32.072	12.858	2.76E-03
600547	4130175	12.240	31.244	31.925	11.702	2.62E-03

600557	4130175	11.551	31.549	32.289	10.575	2.47E-03
600567	4130175	10.851	32.395	33.236	9.531	2.32E-03
600577	4130175	10.149	33.901	34.885	8.612	2.17E-03
600587	4130175	9.450	36.228	37.409	7.828	2.02E-03
600597	4130175	8.767	39.662	41.161	7.190	1.87E-03
600607	4130175	8.117	44.766	46.852	6.683	1.74E-03
600617	4130175	7.511	52.622	55.976	6.289	1.61E-03
600627	4130175	6.954	65.834	72.160	5.983	1.49E-03
600637	4130175	6.449	60.697	66.183	5.740	1.38E-03
600647	4130175	6.002	73.114	81.797	5.547	1.28E-03
600657	4130175	5.620	87.493	99.564	5.391	1.20E-03
600667	4130175	5.292	79.772	88.745	5.259	1.13E-03
600677	4130175	5.007	63.685	68.723	5.131	1.07E-03
600687	4130175	4.770	53.162	56.467	5.015	1.02E-03
600697	4130175	4.570	45.535	47.921	4.904	9.77E-04
600707	4130175	4.399	39.683	41.516	4.793	9.40E-04
600717	4130175	4.252	35.002	36.481	4.679	9.09E-04
600727	4130175	4.124	31.163	32.390	4.564	8.82E-04
600737	4130175	4.018	28.072	29.101	4.456	8.59E-04
600747	4130175	3.921	25.384	26.244	4.344	8.38E-04
600757	4130175	3.830	23.040	23.752	4.234	8.19E-04
600767	4130175	3.746	21.011	21.592	4.127	8.01E-04
600777	4130175	3.668	19.244	19.717	4.019	7.84E-04
600787	4130175	3.591	17.691	18.077	3.916	7.68E-04
600797	4130175	3.519	16.347	16.665	3.817	7.52E-04
600807	4130175	3.447	15.160	15.427	3.717	7.37E-04
600817	4130175	3.376	14.101	14.326	3.621	7.22E-04
600827	4130175	3.305	13.155	13.347	3.525	7.06E-04
600837	4130175	3.234	12.301	12.465	3.434	6.91E-04
600847	4130175	3.164	11.539	11.679	3.346	6.76E-04
600857	4130175	3.096	10.858	10.980	3.259	6.62E-04
600227	4130185	8.925	12.943	13.147	11.356	1.91E-03
600237	4130185	9.304	13.401	13.613	11.929	1.99E-03
600247	4130185	9.698	13.922	14.145	12.531	2.07E-03
600257	4130185	10.105	14.489	14.726	13.156	2.16E-03
600267	4130185	10.523	15.113	15.368	13.799	2.25E-03
600277	4130185	10.953	15.847	16.127	14.473	2.34E-03
600287	4130185	11.393	16.683	16.996	15.159	2.44E-03
600297	4130185	11.840	17.642	17.999	15.857	2.53E-03
600307	4130185	12.293	18.748	19.163	16.559	2.63E-03
600317	4130185	12.749	20.060	20.554	17.270	2.73E-03
600327	4130185	13.198	21.518	22.109	17.956	2.82E-03
600337	4130185	13.639	23.236	23.956	18.611	2.92E-03
600347	4130185	14.069	25.332	26.221	19.232	3.01E-03
600357	4130185	14.477	27.854	28.972	19.791	3.09E-03
600367	4130185	14.856	30.963	32.393	20.267	3.18E-03
600377	4130185	15.197	34.883	36.774	20.638	3.25E-03
600387	4130185	15.490	39.975	42.588	20.884	3.31E-03
600397	4130185	15.726	46.819	50.648	20.976	3.36E-03
600407	4130185	15.895	56.551	62.600	20.908	3.40E-03
600417	4130185	15.989	71.753	82.250	20.669	3.42E-03
600427	4130185	16.005	50.413	56.034	20.275	3.42E-03
600437	4130185	15.936	52.279	58.387	19.738	3.41E-03
600447	4130185	15.784	64.977	74.088	19.095	3.37E-03
600457	4130185	15.545	68.392	77.194	18.375	3.32E-03

600467	4130185	15.229	57.170	62.665	17.619	3.26E-03
600477	4130185	14.850	49.694	53.383	16.857	3.17E-03
600487	4130185	14.413	44.376	46.925	16.095	3.08E-03
600497	4130185	13.933	40.534	42.344	15.322	2.98E-03
600507	4130185	13.429	37.786	39.148	14.541	2.87E-03
600517	4130185	12.905	35.829	36.914	13.703	2.76E-03
600527	4130185	12.358	34.495	35.402	12.796	2.64E-03
600537	4130185	11.794	33.731	34.548	11.834	2.52E-03
600547	4130185	11.216	33.532	34.337	10.845	2.40E-03
600557	4130185	10.628	33.949	34.812	9.872	2.27E-03
600567	4130185	10.026	35.056	36.037	8.953	2.14E-03
600577	4130185	9.416	37.013	38.180	8.118	2.01E-03
600587	4130185	8.804	40.078	41.548	7.394	1.88E-03
600597	4130185	8.201	44.741	46.752	6.784	1.75E-03
600607	4130185	7.619	52.001	55.151	6.290	1.63E-03
600617	4130185	7.068	64.150	69.919	5.896	1.51E-03
600627	4130185	6.555	72.255	80.607	5.583	1.40E-03
600637	4130185	6.086	69.619	77.117	5.339	1.30E-03
600647	4130185	5.670	71.608	79.336	5.145	1.21E-03
600657	4130185	5.309	82.341	91.947	4.996	1.13E-03
600667	4130185	4.992	65.381	70.772	4.865	1.07E-03
600677	4130185	4.722	54.308	57.777	4.752	1.01E-03
600687	4130185	4.493	46.391	48.871	4.649	9.60E-04
600697	4130185	4.299	40.364	42.254	4.551	9.19E-04
600707	4130185	4.133	35.560	37.071	4.454	8.83E-04
600717	4130185	3.993	31.686	32.932	4.361	8.53E-04
600727	4130185	3.870	28.417	29.459	4.262	8.27E-04
600737	4130185	3.768	25.741	26.616	4.169	8.05E-04
600747	4130185	3.678	23.431	24.158	4.076	7.86E-04
600757	4130185	3.596	21.403	22.001	3.984	7.69E-04
600767	4130185	3.519	19.595	20.081	3.888	7.52E-04
600777	4130185	3.447	18.008	18.402	3.793	7.37E-04
600787	4130185	3.380	16.622	16.942	3.702	7.22E-04
600797	4130185	3.315	15.401	15.664	3.611	7.09E-04
600807	4130185	3.251	14.305	14.523	3.521	6.95E-04
600817	4130185	3.188	13.340	13.522	3.436	6.81E-04
600827	4130185	3.125	12.467	12.621	3.350	6.68E-04
600837	4130185	3.063	11.690	11.820	3.267	6.55E-04
600847	4130185	3.001	10.987	11.098	3.184	6.41E-04
600237	4130195	9.141	12.597	12.778	11.698	1.95E-03
600247	4130195	9.505	13.089	13.281	12.249	2.03E-03
600257	4130195	9.879	13.622	13.827	12.815	2.11E-03
600267	4130195	10.260	14.196	14.416	13.396	2.19E-03
600277	4130195	10.648	14.845	15.085	13.992	2.28E-03
600287	4130195	11.044	15.603	15.869	14.597	2.36E-03
600297	4130195	11.443	16.461	16.761	15.201	2.45E-03
600307	4130195	11.844	17.453	17.798	15.811	2.53E-03
600317	4130195	12.240	18.559	18.962	16.407	2.62E-03
600327	4130195	12.627	19.796	20.269	16.971	2.70E-03
600337	4130195	13.004	21.268	21.838	17.504	2.78E-03
600347	4130195	13.361	22.964	23.657	17.986	2.86E-03
600357	4130195	13.696	25.006	25.861	18.410	2.93E-03
600367	4130195	13.998	27.455	28.527	18.750	2.99E-03
600377	4130195	14.262	30.466	31.835	18.991	3.05E-03
600387	4130195	14.479	34.233	36.031	19.114	3.09E-03



600397	4130195	14.641	39.089	41.549	19.105	3.13E-03
600407	4130195	14.741	45.574	49.117	18.959	3.15E-03
600417	4130195	14.772	54.666	60.152	18.675	3.16E-03
600427	4130195	14.734	68.652	77.980	18.264	3.15E-03
600437	4130195	14.624	51.630	57.637	17.751	3.13E-03
600447	4130195	14.448	42.001	45.741	17.169	3.09E-03
600457	4130195	14.195	51.159	56.682	16.525	3.03E-03
600467	4130195	13.885	70.959	80.409	15.867	2.97E-03
600477	4130195	13.529	59.199	65.143	15.215	2.89E-03
600487	4130195	13.129	51.288	55.227	14.567	2.81E-03
600497	4130195	12.700	45.821	48.547	13.912	2.71E-03
600507	4130195	12.254	42.009	43.989	13.246	2.62E-03
600517	4130195	11.789	39.304	40.790	12.525	2.52E-03
600527	4130195	11.308	37.490	38.671	11.749	2.42E-03
600537	4130195	10.820	36.482	37.506	10.926	2.31E-03
600547	4130195	10.323	36.243	37.231	10.077	2.21E-03
600557	4130195	9.817	36.815	37.856	9.236	2.10E-03
600567	4130195	9.295	38.281	39.464	8.421	1.99E-03
600577	4130195	8.762	40.887	42.335	7.669	1.87E-03
600587	4130195	8.224	45.054	46.994	7.000	1.76E-03
600597	4130195	7.690	51.703	54.674	6.428	1.64E-03
600607	4130195	7.167	62.837	68.138	5.946	1.53E-03
600617	4130195	6.665	59.151	64.115	5.557	1.42E-03
600627	4130195	6.193	70.205	77.912	5.242	1.32E-03
600637	4130195	5.762	71.228	78.910	4.996	1.23E-03
600647	4130195	5.374	85.156	95.499	4.803	1.15E-03
600657	4130195	5.029	67.072	72.794	4.647	1.07E-03
600667	4130195	4.728	55.442	59.076	4.522	1.01E-03
600677	4130195	4.469	47.215	49.793	4.415	9.55E-04
600687	4130195	4.248	40.989	42.936	4.322	9.08E-04
600697	4130195	4.059	36.088	37.631	4.236	8.68E-04
600707	4130195	3.898	32.098	33.359	4.150	8.33E-04
600717	4130195	3.766	28.899	29.945	4.073	8.05E-04
600727	4130195	3.648	26.096	26.974	3.993	7.80E-04
600737	4130195	3.545	23.687	24.421	3.910	7.58E-04
600747	4130195	3.458	21.638	22.244	3.828	7.39E-04
600757	4130195	3.382	19.864	20.359	3.750	7.23E-04
600767	4130195	3.312	18.283	18.683	3.667	7.08E-04
600777	4130195	3.246	16.851	17.174	3.583	6.94E-04
600787	4130195	3.184	15.595	15.856	3.502	6.81E-04
600797	4130195	3.127	14.497	14.710	3.422	6.68E-04
600807	4130195	3.069	13.498	13.672	3.344	6.56E-04
600817	4130195	3.013	12.608	12.752	3.263	6.44E-04
600827	4130195	2.958	11.816	11.935	3.187	6.32E-04
600837	4130195	2.903	11.099	11.198	3.110	6.21E-04
600847	4130195	2.848	10.450	10.532	3.037	6.09E-04
600237	4130205	8.958	11.890	12.048	11.433	1.91E-03
600247	4130205	9.293	12.346	12.513	11.932	1.99E-03
600257	4130205	9.635	12.850	13.028	12.443	2.06E-03
600267	4130205	9.981	13.391	13.583	12.965	2.13E-03
600277	4130205	10.331	13.986	14.196	13.493	2.21E-03
600287	4130205	10.683	14.660	14.890	14.015	2.28E-03
600297	4130205	11.039	15.445	15.704	14.542	2.36E-03
600307	4130205	11.390	16.321	16.614	15.061	2.43E-03
600317	4130205	11.731	17.266	17.599	15.553	2.51E-03

600327	4130205	12.065	18.380	18.769	16.021	2.58E-03
600337	4130205	12.379	19.608	20.065	16.439	2.65E-03
600347	4130205	12.675	21.036	21.585	16.810	2.71E-03
600357	4130205	12.945	22.721	23.390	17.120	2.77E-03
600367	4130205	13.183	24.707	25.532	17.350	2.82E-03
600377	4130205	13.382	27.087	28.117	17.488	2.86E-03
600387	4130205	13.536	29.993	31.306	17.519	2.89E-03
600397	4130205	13.638	33.624	35.337	17.441	2.92E-03
600407	4130205	13.684	38.271	40.594	17.243	2.92E-03
600417	4130205	13.669	44.430	47.726	16.937	2.92E-03
600427	4130205	13.591	52.983	58.006	16.525	2.91E-03
600437	4130205	13.453	65.948	74.313	16.046	2.88E-03
600447	4130205	13.260	49.532	54.769	15.514	2.83E-03
600457	4130205	13.009	52.978	59.171	14.948	2.78E-03
600467	4130205	12.708	56.076	63.005	14.371	2.72E-03
600477	4130205	12.374	74.029	84.392	13.809	2.64E-03
600487	4130205	12.011	61.395	67.808	13.254	2.57E-03
600497	4130205	11.630	53.234	57.525	12.698	2.49E-03
600507	4130205	11.229	47.551	50.496	12.116	2.40E-03
600517	4130205	10.815	43.662	45.748	11.493	2.31E-03
600527	4130205	10.395	41.171	42.771	10.828	2.22E-03
600537	4130205	9.971	39.822	41.166	10.123	2.13E-03
600547	4130205	9.541	39.525	40.783	9.393	2.04E-03
600557	4130205	9.099	40.273	41.577	8.654	1.94E-03
600567	4130205	8.645	42.267	43.767	7.936	1.85E-03
600577	4130205	8.178	45.853	47.775	7.258	1.75E-03
600587	4130205	7.703	51.803	54.637	6.645	1.65E-03
600597	4130205	7.227	61.961	66.891	6.106	1.54E-03
600607	4130205	6.756	69.108	76.294	5.645	1.44E-03
600617	4130205	6.299	69.233	76.630	5.260	1.35E-03
600627	4130205	5.868	72.226	80.044	4.949	1.25E-03
600637	4130205	5.470	88.271	99.574	4.703	1.17E-03
600647	4130205	5.106	68.890	75.008	4.504	1.09E-03
600657	4130205	4.779	56.591	60.404	4.347	1.02E-03
600667	4130205	4.493	47.990	50.663	4.220	9.60E-04
600677	4130205	4.244	41.543	43.546	4.118	9.07E-04
600687	4130205	4.030	36.525	38.100	4.029	8.61E-04
600697	4130205	3.847	32.467	33.742	3.951	8.22E-04
600707	4130205	3.690	29.119	30.170	3.878	7.89E-04
600717	4130205	3.557	26.305	27.180	3.806	7.60E-04
600727	4130205	3.446	23.959	24.687	3.739	7.36E-04
600737	4130205	3.346	21.857	22.461	3.669	7.15E-04
600747	4130205	3.260	20.018	20.513	3.596	6.97E-04
600757	4130205	3.186	18.422	18.823	3.525	6.81E-04
600767	4130205	3.121	17.029	17.353	3.458	6.67E-04
600777	4130205	3.062	15.778	16.039	3.388	6.54E-04
600787	4130205	3.005	14.641	14.850	3.317	6.42E-04
600797	4130205	2.952	13.630	13.798	3.244	6.31E-04
600807	4130205	2.901	12.726	12.862	3.175	6.20E-04
600817	4130205	2.852	11.921	12.032	3.103	6.10E-04
600827	4130205	2.803	11.193	11.282	3.034	5.99E-04
600837	4130205	2.754	10.530	10.603	2.965	5.89E-04
600247	4130215	9.066	11.690	11.838	11.592	1.94E-03
600257	4130215	9.376	12.154	12.311	12.050	2.00E-03
600267	4130215	9.691	12.678	12.849	12.516	2.07E-03

600277	4130215	10.005	13.229	13.414	12.976	2.14E-03
600287	4130215	10.318	13.842	14.045	13.430	2.21E-03
600297	4130215	10.630	14.549	14.776	13.882	2.27E-03
600307	4130215	10.933	15.300	15.551	14.312	2.34E-03
600317	4130215	11.226	16.141	16.422	14.717	2.40E-03
600327	4130215	11.513	17.154	17.482	15.101	2.46E-03
600337	4130215	11.773	18.205	18.581	15.429	2.52E-03
600347	4130215	12.014	19.424	19.867	15.705	2.57E-03
600357	4130215	12.229	20.843	21.375	15.923	2.61E-03
600367	4130215	12.412	22.489	23.135	16.065	2.65E-03
600377	4130215	12.557	24.424	25.220	16.123	2.68E-03
600387	4130215	12.659	26.737	27.729	16.088	2.71E-03
600397	4130215	12.714	29.550	30.811	15.959	2.72E-03
600407	4130215	12.718	33.049	34.684	15.733	2.72E-03
600417	4130215	12.668	37.503	39.702	15.416	2.71E-03
600427	4130215	12.564	43.395	46.482	15.027	2.69E-03
600437	4130215	12.408	51.513	56.158	14.574	2.65E-03
600447	4130215	12.204	63.621	71.287	14.088	2.61E-03
600457	4130215	11.959	62.908	71.334	13.589	2.56E-03
600467	4130215	11.676	53.262	59.538	13.092	2.50E-03
600477	4130215	11.362	52.643	58.428	12.595	2.43E-03
600487	4130215	11.031	77.427	88.834	12.113	2.36E-03
600497	4130215	10.687	63.895	70.845	11.633	2.28E-03
600507	4130215	10.328	55.108	59.595	11.126	2.21E-03
600517	4130215	9.961	49.335	52.355	10.586	2.13E-03
600527	4130215	9.594	45.831	48.070	10.015	2.05E-03
600537	4130215	9.226	43.991	45.827	9.409	1.97E-03
600547	4130215	8.850	43.544	45.208	8.775	1.89E-03
600557	4130215	8.462	44.549	46.254	8.126	1.81E-03
600567	4130215	8.065	47.336	49.355	7.490	1.72E-03
600577	4130215	7.654	52.504	55.318	6.884	1.64E-03
600587	4130215	7.233	61.618	66.310	6.320	1.55E-03
600597	4130215	6.805	79.216	88.721	5.813	1.45E-03
600607	4130215	6.379	68.094	75.070	5.373	1.36E-03
600617	4130215	5.965	73.885	82.469	4.999	1.28E-03
600627	4130215	5.573	91.750	104.157	4.696	1.19E-03
600637	4130215	5.202	70.766	77.304	4.447	1.11E-03
600647	4130215	4.862	57.825	61.869	4.245	1.04E-03
600657	4130215	4.554	48.745	51.521	4.086	9.73E-04
600667	4130215	4.281	42.043	44.104	3.958	9.15E-04
600677	4130215	4.043	36.857	38.462	3.855	8.64E-04
600687	4130215	3.835	32.683	33.970	3.769	8.20E-04
600697	4130215	3.655	29.256	30.309	3.692	7.81E-04
600707	4130215	3.503	26.442	27.310	3.626	7.49E-04
600717	4130215	3.372	24.026	24.746	3.564	7.21E-04
600727	4130215	3.262	21.977	22.572	3.505	6.97E-04
600737	4130215	3.168	20.193	20.682	3.445	6.77E-04
600747	4130215	3.084	18.562	18.960	3.383	6.59E-04
600757	4130215	3.010	17.121	17.441	3.320	6.43E-04
600767	4130215	2.947	15.857	16.114	3.260	6.30E-04
600777	4130215	2.892	14.742	14.948	3.202	6.18E-04
600787	4130215	2.840	13.735	13.900	3.139	6.07E-04
600797	4130215	2.791	12.817	12.947	3.076	5.97E-04
600807	4130215	2.745	11.998	12.101	3.015	5.87E-04
600817	4130215	2.701	11.264	11.346	2.952	5.77E-04

600827	4130215	2.657	10.595	10.659	2.890	5.68E-04
600257	4130225	9.108	11.540	11.681	11.642	1.95E-03
600267	4130225	9.390	12.017	12.169	12.049	2.01E-03
600277	4130225	9.670	12.530	12.694	12.449	2.07E-03
600287	4130225	9.949	13.113	13.294	12.844	2.13E-03
600297	4130225	10.219	13.728	13.927	13.221	2.18E-03
600307	4130225	10.478	14.386	14.605	13.573	2.24E-03
600317	4130225	10.736	15.203	15.451	13.915	2.29E-03
600327	4130225	10.974	16.072	16.353	14.220	2.35E-03
600337	4130225	11.190	17.003	17.320	14.472	2.39E-03
600347	4130225	11.382	18.051	18.415	14.670	2.43E-03
600357	4130225	11.549	19.262	19.692	14.810	2.47E-03
600367	4130225	11.685	20.653	21.170	14.885	2.50E-03
600377	4130225	11.786	22.261	22.889	14.883	2.52E-03
600387	4130225	11.846	24.153	24.923	14.802	2.53E-03
600397	4130225	11.863	26.403	27.361	14.639	2.54E-03
600407	4130225	11.835	29.130	30.343	14.395	2.53E-03
600417	4130225	11.760	32.519	34.085	14.081	2.51E-03
600427	4130225	11.638	36.825	38.916	13.708	2.49E-03
600437	4130225	11.473	42.470	45.381	13.295	2.45E-03
600447	4130225	11.267	50.200	54.534	12.856	2.41E-03
600457	4130225	11.026	61.483	68.495	12.411	2.36E-03
600467	4130225	10.760	48.627	53.439	11.973	2.30E-03
600477	4130225	10.473	53.674	59.968	11.543	2.24E-03
600487	4130225	10.169	59.213	67.114	11.119	2.17E-03
600497	4130225	9.857	81.152	93.553	10.698	2.11E-03
600507	4130225	9.538	66.397	73.679	10.261	2.04E-03
600517	4130225	9.211	57.234	61.842	9.788	1.97E-03
600527	4130225	8.889	52.033	55.318	9.296	1.90E-03
600537	4130225	8.566	49.294	51.881	8.769	1.83E-03
600547	4130225	8.235	48.579	50.864	8.216	1.76E-03
600557	4130225	7.895	49.995	52.346	7.645	1.69E-03
600567	4130225	7.544	54.027	56.973	7.081	1.61E-03
600577	4130225	7.179	61.901	66.462	6.532	1.53E-03
600587	4130225	6.802	77.467	86.232	6.014	1.45E-03
600597	4130225	6.417	69.317	76.624	5.540	1.37E-03
600607	4130225	6.034	72.837	80.773	5.125	1.29E-03
600617	4130225	5.661	95.436	109.036	4.771	1.21E-03
600627	4130225	5.297	72.736	79.733	4.468	1.13E-03
600637	4130225	4.955	58.978	63.235	4.221	1.06E-03
600647	4130225	4.639	49.516	52.419	4.021	9.92E-04
600657	4130225	4.350	42.507	44.630	3.859	9.30E-04
600667	4130225	4.091	37.099	38.730	3.729	8.74E-04
600677	4130225	3.861	32.824	34.119	3.624	8.25E-04
600687	4130225	3.659	29.309	30.359	3.536	7.82E-04
600697	4130225	3.483	26.405	27.265	3.462	7.45E-04
600707	4130225	3.335	24.021	24.727	3.399	7.13E-04
600717	4130225	3.207	21.974	22.554	3.342	6.86E-04
600727	4130225	3.099	20.196	20.671	3.290	6.62E-04
600737	4130225	3.005	18.617	19.005	3.238	6.42E-04
600747	4130225	2.924	17.209	17.525	3.185	6.25E-04
600757	4130225	2.853	15.944	16.198	3.135	6.10E-04
600767	4130225	2.790	14.791	14.992	3.080	5.96E-04
600777	4130225	2.736	13.781	13.941	3.028	5.85E-04
600787	4130225	2.688	12.876	13.002	2.975	5.75E-04

600797	4130225	2.644	12.058	12.156	2.920	5.65E-04
600807	4130225	2.601	11.314	11.390	2.867	5.56E-04
600817	4130225	2.561	10.645	10.703	2.811	5.47E-04
600267	4130235	9.085	11.428	11.564	11.578	1.94E-03
600277	4130235	9.334	11.909	12.057	11.925	2.00E-03
600287	4130235	9.578	12.435	12.597	12.262	2.05E-03
600297	4130235	9.811	12.981	13.157	12.574	2.10E-03
600307	4130235	10.038	13.620	13.815	12.873	2.15E-03
600317	4130235	10.254	14.336	14.554	13.148	2.19E-03
600327	4130235	10.451	15.097	15.341	13.380	2.23E-03
600337	4130235	10.628	15.936	16.210	13.570	2.27E-03
600347	4130235	10.780	16.867	17.177	13.706	2.30E-03
600357	4130235	10.906	17.909	18.266	13.787	2.33E-03
600367	4130235	11.003	19.104	19.524	13.808	2.35E-03
600377	4130235	11.067	20.468	20.971	13.762	2.37E-03
600387	4130235	11.093	22.042	22.653	13.644	2.37E-03
600397	4130235	11.081	23.889	24.637	13.462	2.37E-03
600407	4130235	11.029	26.087	27.015	13.214	2.36E-03
600417	4130235	10.935	28.750	29.921	12.908	2.34E-03
600427	4130235	10.803	32.040	33.542	12.560	2.31E-03
600437	4130235	10.633	36.202	38.196	12.179	2.27E-03
600447	4130235	10.430	41.625	44.381	11.785	2.23E-03
600457	4130235	10.199	48.982	53.026	11.387	2.18E-03
600467	4130235	9.947	59.555	65.969	10.992	2.13E-03
600477	4130235	9.682	60.201	67.521	10.617	2.07E-03
600487	4130235	9.408	53.068	59.016	10.252	2.01E-03
600497	4130235	9.127	54.567	60.716	9.880	1.95E-03
600507	4130235	8.841	66.285	74.691	9.498	1.89E-03
600517	4130235	8.553	69.575	77.317	9.089	1.83E-03
600527	4130235	8.264	60.673	65.743	8.654	1.77E-03
600537	4130235	7.977	56.289	60.092	8.191	1.71E-03
600547	4130235	7.685	55.104	58.378	7.709	1.64E-03
600557	4130235	7.387	57.190	60.659	7.209	1.58E-03
600567	4130235	7.074	63.318	68.012	6.703	1.51E-03
600577	4130235	6.746	76.622	84.827	6.202	1.44E-03
600587	4130235	6.408	67.299	73.818	5.728	1.37E-03
600597	4130235	6.064	77.977	87.720	5.292	1.30E-03
600607	4130235	5.719	84.399	95.281	4.904	1.22E-03
600617	4130235	5.377	74.822	82.405	4.559	1.15E-03
600627	4130235	5.044	60.095	64.586	4.266	1.08E-03
600637	4130235	4.729	50.114	53.125	4.023	1.01E-03
600647	4130235	4.434	42.810	44.986	3.824	9.48E-04
600657	4130235	4.162	37.220	38.871	3.658	8.90E-04
600667	4130235	3.915	32.819	34.117	3.526	8.37E-04
600677	4130235	3.695	29.263	30.305	3.419	7.90E-04
600687	4130235	3.500	26.323	27.168	3.331	7.48E-04
600697	4130235	3.329	23.877	24.566	3.257	7.12E-04
600707	4130235	3.184	21.852	22.413	3.197	6.81E-04
600717	4130235	3.058	20.080	20.537	3.142	6.54E-04
600727	4130235	2.951	18.549	18.922	3.093	6.31E-04
600737	4130235	2.857	17.165	17.468	3.045	6.11E-04
600747	4130235	2.777	15.922	16.167	2.998	5.94E-04
600757	4130235	2.708	14.809	15.006	2.955	5.79E-04
600767	4130235	2.648	13.808	13.964	2.912	5.66E-04
600777	4130235	2.595	12.894	13.017	2.865	5.55E-04

600787	4130235	2.548	12.071	12.165	2.818	5.45E-04
600797	4130235	2.507	11.340	11.412	2.772	5.36E-04
600807	4130235	2.468	10.673	10.727	2.725	5.28E-04
600277	4130245	8.998	11.340	11.474	11.409	1.92E-03
600287	4130245	9.208	11.807	11.952	11.690	1.97E-03
600297	4130245	9.412	12.329	12.488	11.955	2.01E-03
600307	4130245	9.606	12.916	13.092	12.202	2.05E-03
600317	4130245	9.785	13.541	13.734	12.411	2.09E-03
600327	4130245	9.947	14.224	14.439	12.587	2.13E-03
600337	4130245	10.089	14.980	15.220	12.720	2.16E-03
600347	4130245	10.209	15.823	16.092	12.812	2.18E-03
600357	4130245	10.301	16.745	17.050	12.846	2.20E-03
600367	4130245	10.365	17.777	18.127	12.823	2.22E-03
600377	4130245	10.398	18.948	19.359	12.744	2.22E-03
600387	4130245	10.398	20.285	20.775	12.607	2.22E-03
600397	4130245	10.363	21.832	22.427	12.409	2.22E-03
600407	4130245	10.292	23.646	24.374	12.161	2.20E-03
600417	4130245	10.187	25.799	26.701	11.870	2.18E-03
600427	4130245	10.047	28.398	29.531	11.545	2.15E-03
600437	4130245	9.877	31.598	33.047	11.197	2.11E-03
600447	4130245	9.680	35.624	37.533	10.840	2.07E-03
600457	4130245	9.460	40.842	43.459	10.483	2.02E-03
600467	4130245	9.224	47.862	51.638	10.139	1.97E-03
600477	4130245	8.978	57.830	63.715	9.800	1.92E-03
600487	4130245	8.729	73.778	84.273	9.482	1.87E-03
600497	4130245	8.477	54.480	60.758	9.155	1.81E-03
600507	4130245	8.221	45.044	48.878	8.821	1.76E-03
600517	4130245	7.967	72.766	82.929	8.466	1.70E-03
600527	4130245	7.710	74.163	82.802	8.084	1.65E-03
600537	4130245	7.452	66.124	72.056	7.672	1.59E-03
600547	4130245	7.194	63.951	68.967	7.247	1.54E-03
600557	4130245	6.927	67.065	72.575	6.806	1.48E-03
600567	4130245	6.646	77.421	85.649	6.347	1.42E-03
600577	4130245	6.352	83.030	93.691	5.896	1.36E-03
600587	4130245	6.048	73.782	81.951	5.460	1.29E-03
600597	4130245	5.740	84.736	95.821	5.061	1.23E-03
600607	4130245	5.427	76.911	85.162	4.693	1.16E-03
600617	4130245	5.114	61.046	65.781	4.365	1.09E-03
600627	4130245	4.811	50.550	53.677	4.085	1.03E-03
600637	4130245	4.519	42.936	45.158	3.848	9.66E-04
600647	4130245	4.244	37.161	38.823	3.646	9.07E-04
600657	4130245	3.989	32.674	33.967	3.482	8.53E-04
600667	4130245	3.755	29.064	30.090	3.348	8.03E-04
600677	4130245	3.543	26.101	26.927	3.238	7.57E-04
600687	4130245	3.355	23.659	24.327	3.148	7.17E-04
600697	4130245	3.190	21.598	22.138	3.074	6.82E-04
600707	4130245	3.047	19.876	20.313	3.012	6.51E-04
600717	4130245	2.923	18.352	18.705	2.962	6.25E-04
600727	4130245	2.816	17.015	17.302	2.915	6.02E-04
600737	4130245	2.725	15.839	16.074	2.872	5.82E-04
600747	4130245	2.646	14.753	14.943	2.828	5.65E-04
600757	4130245	2.577	13.766	13.918	2.787	5.51E-04
600767	4130245	2.518	12.878	12.998	2.750	5.38E-04
600777	4130245	2.466	12.067	12.160	2.711	5.27E-04
600787	4130245	2.422	11.341	11.411	2.672	5.18E-04

600797	4130245	2.382	10.678	10.730	2.630	5.09E-04
600287	4130255	8.846	11.248	11.381	11.134	1.89E-03
600297	4130255	9.022	11.737	11.881	11.354	1.93E-03
600307	4130255	9.184	12.259	12.417	11.545	1.96E-03
600317	4130255	9.331	12.820	12.994	11.709	1.99E-03
600327	4130255	9.462	13.438	13.630	11.838	2.02E-03
600337	4130255	9.575	14.120	14.333	11.928	2.05E-03
600347	4130255	9.667	14.882	15.120	11.978	2.07E-03
600357	4130255	9.732	15.709	15.976	11.978	2.08E-03
600367	4130255	9.768	16.615	16.916	11.928	2.09E-03
600377	4130255	9.776	17.633	17.977	11.824	2.09E-03
600387	4130255	9.755	18.786	19.190	11.671	2.09E-03
600397	4130255	9.703	20.108	20.589	11.470	2.07E-03
600407	4130255	9.620	21.635	22.217	11.229	2.06E-03
600417	4130255	9.506	23.415	24.126	10.950	2.03E-03
600427	4130255	9.364	25.524	26.403	10.645	2.00E-03
600437	4130255	9.196	28.065	29.165	10.331	1.97E-03
600447	4130255	9.006	31.179	32.581	10.006	1.93E-03
600457	4130255	8.799	35.092	36.927	9.693	1.88E-03
600467	4130255	8.579	40.143	42.640	9.383	1.83E-03
600477	4130255	8.353	46.922	50.484	9.087	1.79E-03
600487	4130255	8.123	56.490	62.012	8.797	1.74E-03
600497	4130255	7.895	71.340	80.922	8.509	1.69E-03
600507	4130255	7.667	53.347	58.975	8.215	1.64E-03
600517	4130255	7.439	57.268	63.729	7.902	1.59E-03
600527	4130255	7.213	73.453	83.609	7.570	1.54E-03
600537	4130255	6.980	81.150	91.299	7.204	1.49E-03
600547	4130255	6.749	76.423	84.534	6.826	1.44E-03
600557	4130255	6.508	81.432	90.714	6.430	1.39E-03
600567	4130255	6.256	70.130	77.418	6.020	1.34E-03
600577	4130255	5.992	77.435	87.018	5.609	1.28E-03
600587	4130255	5.721	88.370	100.700	5.215	1.22E-03
600597	4130255	5.441	78.778	87.732	4.841	1.16E-03
600607	4130255	5.156	61.798	66.868	4.498	1.10E-03
600617	4130255	4.872	50.666	53.911	4.192	1.04E-03
600627	4130255	4.594	42.808	45.079	3.922	9.82E-04
600637	4130255	4.325	36.900	38.568	3.690	9.24E-04
600647	4130255	4.068	32.321	33.600	3.491	8.70E-04
600657	4130255	3.828	28.690	29.696	3.326	8.18E-04
600667	4130255	3.606	25.746	26.548	3.191	7.71E-04
600677	4130255	3.404	23.313	23.957	3.079	7.28E-04
600687	4130255	3.224	21.282	21.800	2.985	6.89E-04
600697	4130255	3.063	19.562	19.977	2.910	6.55E-04
600707	4130255	2.922	18.067	18.401	2.847	6.25E-04
600717	4130255	2.799	16.755	17.024	2.793	5.98E-04
600727	4130255	2.694	15.610	15.828	2.750	5.76E-04
600737	4130255	2.604	14.600	14.780	2.712	5.57E-04
600747	4130255	2.526	13.678	13.825	2.673	5.40E-04
600757	4130255	2.457	12.804	12.922	2.634	5.25E-04
600767	4130255	2.399	12.015	12.107	2.599	5.13E-04
600777	4130255	2.348	11.300	11.370	2.567	5.02E-04
600787	4130255	2.305	10.654	10.706	2.532	4.93E-04
600297	4130265	8.642	11.191	11.324	10.772	1.85E-03
600307	4130265	8.776	11.658	11.803	10.924	1.88E-03
600317	4130265	8.897	12.174	12.332	11.048	1.90E-03

600327	4130265	9.001	12.738	12.912	11.137	1.92E-03
600337	4130265	9.088	13.356	13.549	11.194	1.94E-03
600347	4130265	9.154	14.039	14.252	11.210	1.96E-03
600357	4130265	9.196	14.778	15.016	11.182	1.97E-03
600367	4130265	9.212	15.589	15.854	11.107	1.97E-03
600377	4130265	9.201	16.489	16.789	10.988	1.97E-03
600387	4130265	9.162	17.491	17.832	10.827	1.96E-03
600397	4130265	9.097	18.633	19.032	10.627	1.94E-03
600407	4130265	9.005	19.937	20.412	10.391	1.92E-03
600417	4130265	8.887	21.435	22.009	10.134	1.90E-03
600427	4130265	8.744	23.182	23.880	9.852	1.87E-03
600437	4130265	8.581	25.249	26.110	9.563	1.83E-03
600447	4130265	8.399	27.732	28.805	9.274	1.80E-03
600457	4130265	8.204	30.778	32.140	8.987	1.75E-03
600467	4130265	8.000	34.592	36.363	8.713	1.71E-03
600477	4130265	7.792	39.507	41.899	8.447	1.67E-03
600487	4130265	7.582	46.077	49.463	8.188	1.62E-03
600497	4130265	7.373	55.273	60.455	7.932	1.58E-03
600507	4130265	7.167	69.212	77.951	7.670	1.53E-03
600517	4130265	6.963	68.892	78.337	7.394	1.49E-03
600527	4130265	6.760	60.190	67.359	7.099	1.44E-03
600537	4130265	6.553	62.883	69.848	6.777	1.40E-03
600547	4130265	6.343	94.577	108.481	6.437	1.36E-03
600557	4130265	6.127	88.681	101.303	6.081	1.31E-03
600567	4130265	5.899	76.696	86.356	5.712	1.26E-03
600577	4130265	5.664	72.618	81.285	5.343	1.21E-03
600587	4130265	5.420	80.279	90.213	4.986	1.16E-03
600597	4130265	5.165	61.940	67.372	4.640	1.10E-03
600607	4130265	4.907	50.276	53.655	4.320	1.05E-03
600617	4130265	4.648	42.169	44.468	4.029	9.93E-04
600627	4130265	4.393	36.274	37.940	3.771	9.39E-04
600637	4130265	4.145	31.751	33.011	3.546	8.86E-04
600647	4130265	3.905	28.127	29.107	3.353	8.35E-04
600657	4130265	3.678	25.211	25.987	3.187	7.86E-04
600667	4130265	3.469	22.848	23.469	3.050	7.42E-04
600677	4130265	3.277	20.860	21.357	2.937	7.00E-04
600687	4130265	3.103	19.172	19.569	2.842	6.63E-04
600697	4130265	2.947	17.735	18.052	2.764	6.30E-04
600707	4130265	2.810	16.488	16.743	2.701	6.01E-04
600717	4130265	2.690	15.374	15.580	2.647	5.75E-04
600727	4130265	2.584	14.370	14.539	2.599	5.52E-04
600737	4130265	2.495	13.493	13.633	2.564	5.33E-04
600747	4130265	2.418	12.697	12.813	2.531	5.17E-04
600757	4130265	2.350	11.935	12.027	2.495	5.02E-04
600767	4130265	2.291	11.230	11.302	2.462	4.90E-04
600777	4130265	2.241	10.602	10.656	2.432	4.79E-04
600307	4130275	8.385	11.118	11.252	10.339	1.79E-03
600317	4130275	8.482	11.592	11.739	10.427	1.81E-03
600327	4130275	8.564	12.107	12.268	10.485	1.83E-03
600337	4130275	8.629	12.669	12.846	10.512	1.84E-03
600347	4130275	8.673	13.280	13.475	10.500	1.85E-03
600357	4130275	8.694	13.943	14.159	10.452	1.86E-03
600367	4130275	8.693	14.671	14.910	10.364	1.86E-03
600377	4130275	8.667	15.473	15.740	10.236	1.85E-03
600387	4130275	8.616	16.358	16.658	10.068	1.84E-03



600397	4130275	8.542	17.353	17.695	9.870	1.83E-03
600407	4130275	8.443	18.472	18.870	9.646	1.80E-03
600417	4130275	8.322	19.751	20.223	9.399	1.78E-03
600427	4130275	8.182	21.222	21.789	9.142	1.75E-03
600437	4130275	8.023	22.931	23.620	8.880	1.71E-03
600447	4130275	7.851	24.951	25.797	8.616	1.68E-03
600457	4130275	7.668	27.379	28.430	8.359	1.64E-03
600467	4130275	7.479	30.350	31.678	8.115	1.60E-03
600477	4130275	7.287	34.073	35.790	7.874	1.56E-03
600487	4130275	7.095	38.850	41.152	7.645	1.52E-03
600497	4130275	6.905	45.208	48.440	7.414	1.48E-03
600507	4130275	6.717	54.034	58.904	7.181	1.44E-03
600517	4130275	6.533	67.363	75.453	6.934	1.40E-03
600527	4130275	6.350	54.697	60.363	6.672	1.36E-03
600537	4130275	6.164	63.118	70.816	6.385	1.32E-03
600547	4130275	5.974	65.877	74.821	6.081	1.28E-03
600557	4130275	5.778	79.297	91.024	5.758	1.24E-03
600567	4130275	5.576	88.954	103.179	5.432	1.19E-03
600577	4130275	5.364	79.872	90.588	5.096	1.15E-03
600587	4130275	5.141	60.666	66.361	4.766	1.10E-03
600597	4130275	4.911	48.852	52.297	4.449	1.05E-03
600607	4130275	4.675	40.829	43.130	4.150	9.99E-04
600617	4130275	4.439	35.057	36.700	3.877	9.49E-04
600627	4130275	4.205	30.744	31.977	3.633	8.99E-04
600637	4130275	3.975	27.324	28.275	3.416	8.50E-04
600647	4130275	3.750	24.480	25.230	3.225	8.02E-04
600657	4130275	3.539	22.222	22.820	3.063	7.57E-04
600667	4130275	3.342	20.347	20.826	2.926	7.14E-04
600677	4130275	3.159	18.724	19.106	2.811	6.75E-04
600687	4130275	2.991	17.322	17.626	2.714	6.39E-04
600697	4130275	2.841	16.128	16.372	2.634	6.07E-04
600707	4130275	2.707	15.068	15.265	2.569	5.79E-04
600717	4130275	2.589	14.127	14.289	2.515	5.53E-04
600727	4130275	2.486	13.273	13.408	2.467	5.31E-04
600737	4130275	2.396	12.498	12.610	2.428	5.12E-04
600747	4130275	2.318	11.794	11.886	2.396	4.96E-04
600757	4130275	2.251	11.132	11.206	2.365	4.81E-04
600767	4130275	2.192	10.515	10.573	2.333	4.69E-04
600327	4130285	8.149	11.526	11.676	9.881	1.74E-03
600337	4130285	8.194	12.035	12.198	9.881	1.75E-03
600347	4130285	8.220	12.586	12.766	9.849	1.76E-03
600357	4130285	8.225	13.186	13.383	9.783	1.76E-03
600367	4130285	8.210	13.837	14.056	9.680	1.75E-03
600377	4130285	8.172	14.553	14.795	9.545	1.75E-03
600387	4130285	8.113	15.343	15.613	9.383	1.73E-03
600397	4130285	8.031	16.219	16.522	9.192	1.72E-03
600407	4130285	7.929	17.191	17.537	8.978	1.69E-03
600417	4130285	7.807	18.285	18.684	8.745	1.67E-03
600427	4130285	7.669	19.531	20.002	8.509	1.64E-03
600437	4130285	7.517	20.965	21.530	8.264	1.61E-03
600447	4130285	7.354	22.631	23.314	8.028	1.57E-03
600457	4130285	7.183	24.596	25.430	7.800	1.54E-03
600467	4130285	7.008	26.952	27.984	7.575	1.50E-03
600477	4130285	6.831	29.824	31.122	7.362	1.46E-03
600487	4130285	6.655	33.399	35.064	7.157	1.42E-03

600497	4130285	6.482	37.973	40.191	6.949	1.39E-03
600507	4130285	6.311	44.021	47.113	6.740	1.35E-03
600517	4130285	6.144	52.400	57.039	6.519	1.31E-03
600527	4130285	5.978	64.784	72.435	6.283	1.28E-03
600537	4130285	5.811	66.418	75.430	6.030	1.24E-03
600547	4130285	5.638	59.987	67.623	5.754	1.21E-03
600557	4130285	5.461	56.539	63.067	5.465	1.17E-03
600567	4130285	5.280	73.876	84.476	5.168	1.13E-03
600577	4130285	5.087	56.520	62.127	4.866	1.09E-03
600587	4130285	4.885	45.843	49.219	4.563	1.04E-03
600597	4130285	4.675	38.559	40.806	4.267	9.99E-04
600607	4130285	4.461	33.295	34.897	3.993	9.54E-04
600617	4130285	4.246	29.341	30.540	3.736	9.07E-04
600627	4130285	4.030	26.220	27.145	3.505	8.61E-04
600637	4130285	3.816	23.606	24.335	3.294	8.16E-04
600647	4130285	3.608	21.464	22.046	3.108	7.71E-04
600657	4130285	3.411	19.720	20.185	2.952	7.29E-04
600667	4130285	3.224	18.223	18.595	2.816	6.89E-04
600677	4130285	3.049	16.897	17.194	2.698	6.52E-04
600687	4130285	2.888	15.730	15.968	2.600	6.17E-04
600697	4130285	2.743	14.714	14.905	2.516	5.86E-04
600707	4130285	2.613	13.826	13.984	2.452	5.59E-04
600717	4130285	2.497	13.009	13.140	2.394	5.34E-04
600727	4130285	2.395	12.270	12.380	2.346	5.12E-04
600737	4130285	2.306	11.601	11.693	2.307	4.93E-04
600747	4130285	2.227	10.972	11.048	2.272	4.76E-04
600757	4130285	2.161	10.404	10.466	2.243	4.62E-04
600347	4130295	7.795	11.954	12.121	9.245	1.67E-03
600357	4130295	7.788	12.495	12.679	9.169	1.66E-03
600367	4130295	7.760	13.081	13.283	9.062	1.66E-03
600377	4130295	7.713	13.719	13.942	8.925	1.65E-03
600387	4130295	7.647	14.422	14.669	8.761	1.63E-03
600397	4130295	7.562	15.195	15.470	8.576	1.62E-03
600407	4130295	7.458	16.046	16.354	8.373	1.59E-03
600417	4130295	7.337	16.989	17.338	8.158	1.57E-03
600427	4130295	7.203	18.050	18.452	7.937	1.54E-03
600437	4130295	7.057	19.254	19.724	7.717	1.51E-03
600447	4130295	6.903	20.638	21.199	7.503	1.48E-03
600457	4130295	6.743	22.238	22.913	7.291	1.44E-03
600467	4130295	6.580	24.113	24.933	7.092	1.41E-03
600477	4130295	6.418	26.340	27.347	6.901	1.37E-03
600487	4130295	6.256	29.021	30.279	6.715	1.34E-03
600497	4130295	6.098	32.314	33.914	6.528	1.30E-03
600507	4130295	5.943	36.450	38.554	6.341	1.27E-03
600517	4130295	5.791	41.738	44.625	6.142	1.24E-03
600527	4130295	5.641	48.480	52.668	5.930	1.21E-03
600537	4130295	5.490	56.760	63.119	5.702	1.17E-03
600547	4130295	5.333	63.290	71.908	5.454	1.14E-03
600557	4130295	5.172	57.774	64.861	5.195	1.11E-03
600567	4130295	5.006	48.290	52.836	4.924	1.07E-03
600577	4130295	4.832	41.063	44.115	4.649	1.03E-03
600587	4130295	4.648	35.338	37.446	4.372	9.94E-04
600597	4130295	4.458	30.950	32.482	4.101	9.53E-04
600607	4130295	4.262	27.530	28.686	3.843	9.11E-04
600617	4130295	4.065	24.813	25.711	3.605	8.69E-04

600627	4130295	3.865	22.545	23.254	3.383	8.26E-04
600637	4130295	3.667	20.594	21.164	3.183	7.84E-04
600647	4130295	3.474	18.978	19.436	3.004	7.43E-04
600657	4130295	3.289	17.602	17.970	2.849	7.03E-04
600667	4130295	3.112	16.390	16.685	2.713	6.65E-04
600677	4130295	2.946	15.298	15.536	2.596	6.30E-04
600687	4130295	2.792	14.348	14.540	2.497	5.97E-04
600697	4130295	2.652	13.487	13.645	2.412	5.67E-04
600707	4130295	2.525	12.726	12.857	2.345	5.40E-04
600717	4130295	2.412	12.029	12.140	2.287	5.16E-04
600727	4130295	2.312	11.395	11.490	2.237	4.94E-04
600737	4130295	2.224	10.810	10.890	2.198	4.75E-04
600747	4130295	2.147	10.264	10.331	2.163	4.59E-04
600357	4130305	7.380	11.861	12.033	8.606	1.58E-03
600367	4130305	7.343	12.387	12.576	8.491	1.57E-03
600377	4130305	7.288	12.955	13.161	8.354	1.56E-03
600387	4130305	7.217	13.578	13.806	8.197	1.54E-03
600397	4130305	7.130	14.261	14.513	8.021	1.52E-03
600407	4130305	7.025	15.003	15.283	7.829	1.50E-03
600417	4130305	6.907	15.822	16.134	7.630	1.48E-03
600427	4130305	6.777	16.727	17.079	7.426	1.45E-03
600437	4130305	6.638	17.738	18.140	7.225	1.42E-03
600447	4130305	6.492	18.881	19.349	7.026	1.39E-03
600457	4130305	6.343	20.184	20.737	6.836	1.36E-03
600467	4130305	6.192	21.670	22.331	6.658	1.32E-03
600477	4130305	6.042	23.385	24.178	6.483	1.29E-03
600487	4130305	5.894	25.377	26.338	6.314	1.26E-03
600497	4130305	5.749	27.705	28.885	6.146	1.23E-03
600507	4130305	5.608	30.462	31.928	5.978	1.20E-03
600517	4130305	5.470	33.612	35.462	5.799	1.17E-03
600527	4130305	5.332	36.913	39.258	5.605	1.14E-03
600537	4130305	5.193	39.776	42.672	5.399	1.11E-03
600547	4130305	5.053	40.826	44.051	5.179	1.08E-03
600557	4130305	4.908	38.907	41.845	4.943	1.05E-03
600567	4130305	4.755	35.200	37.513	4.697	1.02E-03
600577	4130305	4.595	31.489	33.275	4.445	9.82E-04
600587	4130305	4.430	28.300	29.691	4.193	9.47E-04
600597	4130305	4.256	25.558	26.646	3.945	9.10E-04
600607	4130305	4.077	23.247	24.109	3.704	8.71E-04
600617	4130305	3.894	21.263	21.954	3.478	8.32E-04
600627	4130305	3.710	19.601	20.158	3.270	7.93E-04
600637	4130305	3.526	18.157	18.609	3.077	7.54E-04
600647	4130305	3.347	16.910	17.277	2.905	7.15E-04
600657	4130305	3.173	15.817	16.114	2.754	6.78E-04
600667	4130305	3.007	14.845	15.086	2.620	6.43E-04
600677	4130305	2.848	13.931	14.126	2.506	6.09E-04
600687	4130305	2.701	13.121	13.281	2.403	5.77E-04
600697	4130305	2.565	12.396	12.529	2.317	5.48E-04
600707	4130305	2.444	11.758	11.872	2.250	5.22E-04
600717	4130305	2.334	11.161	11.258	2.190	4.99E-04
600727	4130305	2.235	10.603	10.686	2.139	4.78E-04
600377	4130315	6.894	12.244	12.436	7.837	1.47E-03
600387	4130315	6.819	12.794	13.005	7.682	1.46E-03
600397	4130315	6.731	13.398	13.630	7.516	1.44E-03
600407	4130315	6.628	14.051	14.307	7.337	1.42E-03

600417	4130315	6.513	14.754	15.037	7.149	1.39E-03
600427	4130315	6.387	15.524	15.838	6.962	1.37E-03
600437	4130315	6.255	16.376	16.727	6.776	1.34E-03
600447	4130315	6.117	17.313	17.709	6.596	1.31E-03
600457	4130315	5.978	18.362	18.819	6.425	1.28E-03
600467	4130315	5.838	19.534	20.066	6.261	1.25E-03
600477	4130315	5.699	20.837	21.462	6.101	1.22E-03
600487	4130315	5.563	22.291	23.026	5.950	1.19E-03
600497	4130315	5.430	23.903	24.773	5.800	1.16E-03
600507	4130315	5.302	25.693	26.723	5.648	1.13E-03
600517	4130315	5.175	27.455	28.663	5.484	1.11E-03
600527	4130315	5.050	29.064	30.455	5.309	1.08E-03
600537	4130315	4.922	30.064	31.601	5.121	1.05E-03
600547	4130315	4.795	30.242	31.845	4.921	1.02E-03
600557	4130315	4.661	29.200	30.717	4.708	9.96E-04
600567	4130315	4.523	27.462	28.786	4.484	9.67E-04
600577	4130315	4.378	25.420	26.538	4.255	9.36E-04
600587	4130315	4.225	23.363	24.302	4.022	9.03E-04
600597	4130315	4.067	21.583	22.366	3.793	8.69E-04
600607	4130315	3.903	19.981	20.629	3.572	8.34E-04
600617	4130315	3.734	18.543	19.078	3.358	7.98E-04
600627	4130315	3.564	17.281	17.722	3.158	7.62E-04
600637	4130315	3.394	16.195	16.557	2.978	7.26E-04
600647	4130315	3.226	15.190	15.486	2.812	6.90E-04
600657	4130315	3.063	14.307	14.549	2.665	6.55E-04
600667	4130315	2.906	13.501	13.701	2.532	6.21E-04
600677	4130315	2.756	12.755	12.919	2.419	5.89E-04
600687	4130315	2.615	12.077	12.215	2.318	5.59E-04
600697	4130315	2.486	11.462	11.579	2.234	5.31E-04
600707	4130315	2.368	10.909	11.010	2.163	5.06E-04
600397	4130325	6.362	12.592	12.805	7.056	1.36E-03
600407	4130325	6.262	13.166	13.399	6.890	1.34E-03
600417	4130325	6.151	13.773	14.028	6.716	1.31E-03
600427	4130325	6.031	14.426	14.707	6.542	1.29E-03
600437	4130325	5.905	15.135	15.444	6.370	1.26E-03
600447	4130325	5.775	15.905	16.246	6.207	1.23E-03
600457	4130325	5.644	16.737	17.118	6.050	1.21E-03
600467	4130325	5.514	17.644	18.074	5.899	1.18E-03
600477	4130325	5.385	18.619	19.109	5.755	1.15E-03
600487	4130325	5.261	19.675	20.237	5.620	1.12E-03
600497	4130325	5.140	20.790	21.431	5.484	1.10E-03
600507	4130325	5.022	21.904	22.629	5.344	1.07E-03
600517	4130325	4.905	22.896	23.702	5.195	1.05E-03
600527	4130325	4.788	23.594	24.469	5.034	1.02E-03
600537	4130325	4.674	24.049	24.970	4.866	9.99E-04
600547	4130325	4.556	23.949	24.888	4.683	9.74E-04
600557	4130325	4.434	23.332	24.242	4.488	9.48E-04
600567	4130325	4.307	22.316	23.147	4.283	9.21E-04
600577	4130325	4.176	21.118	21.851	4.076	8.93E-04
600587	4130325	4.037	19.832	20.476	3.862	8.63E-04
600597	4130325	3.890	18.559	19.122	3.650	8.32E-04
600607	4130325	3.739	17.416	17.899	3.441	7.99E-04
600617	4130325	3.584	16.371	16.782	3.246	7.66E-04
600627	4130325	3.426	15.391	15.736	3.057	7.32E-04
600637	4130325	3.268	14.537	14.825	2.882	6.99E-04

600647	4130325	3.111	13.741	13.980	2.726	6.65E-04
600657	4130325	2.958	13.017	13.216	2.580	6.32E-04
600667	4130325	2.810	12.362	12.530	2.455	6.01E-04
600677	4130325	2.668	11.734	11.875	2.341	5.70E-04
600687	4130325	2.535	11.163	11.283	2.242	5.42E-04
600417	4130335	5.816	12.858	13.087	6.321	1.24E-03
600427	4130335	5.702	13.413	13.662	6.162	1.22E-03
600437	4130335	5.584	14.004	14.275	6.004	1.19E-03
600447	4130335	5.462	14.627	14.921	5.853	1.17E-03
600457	4130335	5.339	15.285	15.605	5.707	1.14E-03
600467	4130335	5.217	15.973	16.322	5.569	1.12E-03
600477	4130335	5.098	16.696	17.081	5.441	1.09E-03
600487	4130335	4.983	17.456	17.883	5.318	1.07E-03
600497	4130335	4.873	18.220	18.692	5.193	1.04E-03
600507	4130335	4.763	18.901	19.415	5.065	1.02E-03
600517	4130335	4.655	19.417	19.967	4.926	9.95E-04
600527	4130335	4.550	19.809	20.386	4.783	9.72E-04
600537	4130335	4.444	19.955	20.550	4.629	9.50E-04
600547	4130335	4.335	19.825	20.428	4.462	9.27E-04
600557	4130335	4.224	19.430	20.021	4.284	9.03E-04
600567	4130335	4.108	18.774	19.327	4.098	8.78E-04
600577	4130335	3.987	17.956	18.458	3.906	8.52E-04
600587	4130335	3.859	17.079	17.530	3.711	8.25E-04
600597	4130335	3.726	16.224	16.626	3.513	7.96E-04
600607	4130335	3.586	15.366	15.722	3.322	7.66E-04
600617	4130335	3.443	14.599	14.909	3.135	7.36E-04
600627	4130335	3.297	13.857	14.125	2.962	7.05E-04
600637	4130335	3.150	13.162	13.389	2.795	6.73E-04
600647	4130335	3.003	12.528	12.721	2.643	6.42E-04
600657	4130335	2.859	11.921	12.085	2.503	6.11E-04
600667	4130335	2.719	11.367	11.508	2.380	5.81E-04
600447	4130345	5.174	13.471	13.723	5.530	1.11E-03
600457	4130345	5.059	13.989	14.257	5.395	1.08E-03
600467	4130345	4.945	14.513	14.798	5.271	1.06E-03
600477	4130345	4.836	15.061	15.367	5.157	1.03E-03
600487	4130345	4.730	15.596	15.924	5.040	1.01E-03
600497	4130345	4.626	16.089	16.439	4.925	9.89E-04
600507	4130345	4.525	16.499	16.868	4.807	9.67E-04
600517	4130345	4.425	16.791	17.176	4.680	9.46E-04
600527	4130345	4.329	16.999	17.394	4.549	9.25E-04
600537	4130345	4.230	17.016	17.419	4.409	9.04E-04
600547	4130345	4.131	16.897	17.306	4.257	8.83E-04
600557	4130345	4.029	16.608	17.011	4.094	8.61E-04
600567	4130345	3.922	16.152	16.536	3.925	8.38E-04
600577	4130345	3.810	15.570	15.922	3.747	8.14E-04
600587	4130345	3.692	14.922	15.241	3.565	7.89E-04
600597	4130345	3.570	14.316	14.604	3.388	7.63E-04
600607	4130345	3.442	13.712	13.970	3.206	7.36E-04
600617	4130345	3.310	13.106	13.337	3.033	7.07E-04
600627	4130345	3.174	12.533	12.737	2.866	6.79E-04
600507	4130355	4.304	14.570	14.838	4.569	9.20E-04
600517	4130355	4.214	14.755	15.029	4.453	9.01E-04
600527	4130355	4.124	14.838	15.116	4.332	8.81E-04
600537	4130355	4.033	14.810	15.092	4.204	8.62E-04
600547	4130355	3.942	14.702	14.986	4.064	8.43E-04

600557	4130355	3.848	14.489	14.771	3.918	8.22E-04
600567	4130355	3.749	14.141	14.412	3.759	8.01E-04
600577	4130355	3.646	13.736	13.987	3.597	7.79E-04
599754	4130031	1.119	1.473	1.461	1.104	2.39E-04
599764	4130031	1.147	1.514	1.502	1.133	2.45E-04
599774	4130031	1.177	1.558	1.545	1.163	2.52E-04
599784	4130031	1.208	1.603	1.590	1.193	2.58E-04
599794	4130031	1.240	1.650	1.637	1.225	2.65E-04
599754	4130041	1.155	1.491	1.478	1.143	2.47E-04
599764	4130041	1.185	1.532	1.519	1.173	2.53E-04
599774	4130041	1.216	1.576	1.563	1.205	2.60E-04
599784	4130041	1.248	1.622	1.609	1.238	2.67E-04
599794	4130041	1.282	1.671	1.657	1.272	2.74E-04
599804	4130041	1.318	1.723	1.709	1.307	2.82E-04
599754	4130051	1.192	1.508	1.494	1.184	2.55E-04
599764	4130051	1.223	1.550	1.537	1.215	2.61E-04
599774	4130051	1.256	1.595	1.581	1.248	2.68E-04
599784	4130051	1.289	1.642	1.628	1.282	2.76E-04
599794	4130051	1.325	1.692	1.678	1.318	2.83E-04
599804	4130051	1.362	1.745	1.730	1.356	2.91E-04
599814	4130051	1.400	1.801	1.786	1.395	2.99E-04
599754	4130061	1.229	1.525	1.511	1.227	2.63E-04
599764	4130061	1.262	1.569	1.555	1.260	2.70E-04
599774	4130061	1.296	1.615	1.600	1.293	2.77E-04
599784	4130061	1.331	1.663	1.648	1.329	2.85E-04
599794	4130061	1.368	1.714	1.699	1.367	2.92E-04
599804	4130061	1.406	1.768	1.753	1.407	3.01E-04
599814	4130061	1.447	1.825	1.810	1.448	3.09E-04
599824	4130061	1.488	1.885	1.869	1.491	3.18E-04
599834	4130061	1.532	1.948	1.932	1.534	3.27E-04
599754	4130071	1.267	1.542	1.528	1.267	2.71E-04
599764	4130071	1.301	1.587	1.573	1.303	2.78E-04
599774	4130071	1.336	1.634	1.620	1.339	2.86E-04
599784	4130071	1.373	1.683	1.669	1.375	2.93E-04
599794	4130071	1.411	1.736	1.720	1.414	3.02E-04
599804	4130071	1.452	1.791	1.775	1.456	3.10E-04
599814	4130071	1.493	1.849	1.833	1.500	3.19E-04
599824	4130071	1.537	1.910	1.894	1.545	3.28E-04
599834	4130071	1.582	1.975	1.959	1.592	3.38E-04
599844	4130071	1.629	2.043	2.027	1.641	3.48E-04
599754	4130081	1.305	1.560	1.546	1.310	2.79E-04
599764	4130081	1.340	1.605	1.591	1.347	2.86E-04
599774	4130081	1.377	1.654	1.639	1.386	2.94E-04
599784	4130081	1.415	1.704	1.689	1.426	3.03E-04
599794	4130081	1.455	1.757	1.742	1.467	3.11E-04
599804	4130081	1.497	1.813	1.798	1.509	3.20E-04
599814	4130081	1.540	1.873	1.857	1.554	3.29E-04
599824	4130081	1.585	1.935	1.919	1.602	3.39E-04
599834	4130081	1.632	2.001	1.985	1.651	3.49E-04
599844	4130081	1.681	2.072	2.056	1.703	3.59E-04
599854	4130081	1.733	2.147	2.131	1.756	3.70E-04
599754	4130091	1.343	1.578	1.563	1.354	2.87E-04
599764	4130091	1.380	1.624	1.609	1.391	2.95E-04
599774	4130091	1.418	1.673	1.658	1.431	3.03E-04
599784	4130091	1.457	1.724	1.709	1.473	3.12E-04

599794	4130091	1.499	1.778	1.763	1.516	3.20E-04
599804	4130091	1.542	1.836	1.820	1.561	3.30E-04
599814	4130091	1.587	1.896	1.881	1.608	3.39E-04
599824	4130091	1.634	1.960	1.945	1.657	3.49E-04
599834	4130091	1.683	2.028	2.012	1.709	3.60E-04
599844	4130091	1.734	2.100	2.085	1.764	3.71E-04
599854	4130091	1.787	2.177	2.161	1.821	3.82E-04
599864	4130091	1.843	2.259	2.243	1.881	3.94E-04
599754	4130101	1.382	1.596	1.582	1.399	2.95E-04
599764	4130101	1.420	1.643	1.629	1.438	3.03E-04
599774	4130101	1.459	1.692	1.678	1.478	3.12E-04
599784	4130101	1.500	1.744	1.730	1.520	3.21E-04
599794	4130101	1.543	1.799	1.785	1.566	3.30E-04
599804	4130101	1.587	1.858	1.843	1.615	3.39E-04
599814	4130101	1.634	1.920	1.905	1.664	3.49E-04
599824	4130101	1.682	1.985	1.970	1.714	3.60E-04
599834	4130101	1.733	2.054	2.039	1.768	3.70E-04
599844	4130101	1.786	2.128	2.113	1.824	3.82E-04
599854	4130101	1.841	2.206	2.191	1.883	3.93E-04
599864	4130101	1.899	2.290	2.275	1.945	4.06E-04
599874	4130101	1.959	2.378	2.364	2.011	4.19E-04
599884	4130101	2.022	2.474	2.459	2.080	4.32E-04
599754	4130111	1.421	1.614	1.600	1.443	3.04E-04
599764	4130111	1.460	1.662	1.648	1.485	3.12E-04
599774	4130111	1.500	1.712	1.698	1.527	3.21E-04
599784	4130111	1.542	1.765	1.751	1.571	3.30E-04
599794	4130111	1.586	1.821	1.807	1.617	3.39E-04
599804	4130111	1.632	1.880	1.866	1.666	3.49E-04
599814	4130111	1.680	1.943	1.929	1.717	3.59E-04
599824	4130111	1.730	2.009	1.995	1.772	3.70E-04
599834	4130111	1.782	2.080	2.066	1.828	3.81E-04
599844	4130111	1.837	2.155	2.141	1.888	3.93E-04
599854	4130111	1.894	2.235	2.221	1.949	4.05E-04
599864	4130111	1.954	2.320	2.306	2.013	4.18E-04
599874	4130111	2.016	2.410	2.397	2.080	4.31E-04
599884	4130111	2.081	2.508	2.495	2.152	4.45E-04
599894	4130111	2.150	2.612	2.600	2.226	4.60E-04
599754	4130121	1.459	1.631	1.617	1.486	3.12E-04
599764	4130121	1.499	1.680	1.666	1.528	3.20E-04
599774	4130121	1.541	1.731	1.718	1.574	3.29E-04
599784	4130121	1.584	1.785	1.771	1.622	3.39E-04
599794	4130121	1.630	1.842	1.828	1.671	3.48E-04
599804	4130121	1.677	1.902	1.888	1.721	3.58E-04
599814	4130121	1.726	1.965	1.952	1.773	3.69E-04
599824	4130121	1.778	2.033	2.020	1.828	3.80E-04
599834	4130121	1.832	2.105	2.092	1.886	3.92E-04
599844	4130121	1.888	2.181	2.169	1.947	4.04E-04
599854	4130121	1.947	2.263	2.250	2.011	4.16E-04
599864	4130121	2.008	2.349	2.337	2.079	4.29E-04
599874	4130121	2.072	2.441	2.429	2.149	4.43E-04
599884	4130121	2.139	2.539	2.529	2.223	4.57E-04
599894	4130121	2.210	2.645	2.635	2.301	4.72E-04
599904	4130121	2.283	2.758	2.749	2.382	4.88E-04
599754	4130131	1.497	1.648	1.636	1.533	3.20E-04
599764	4130131	1.538	1.697	1.685	1.576	3.29E-04

599774	4130131	1.581	1.750	1.737	1.622	3.38E-04
599784	4130131	1.626	1.804	1.792	1.670	3.48E-04
599794	4130131	1.673	1.862	1.850	1.719	3.58E-04
599804	4130131	1.721	1.923	1.911	1.772	3.68E-04
599814	4130131	1.772	1.988	1.975	1.828	3.79E-04
599824	4130131	1.825	2.056	2.044	1.886	3.90E-04
599834	4130131	1.880	2.129	2.117	1.947	4.02E-04
599844	4130131	1.938	2.206	2.195	2.009	4.14E-04
599854	4130131	1.998	2.288	2.278	2.075	4.27E-04
599864	4130131	2.061	2.376	2.366	2.145	4.41E-04
599874	4130131	2.127	2.469	2.460	2.217	4.55E-04
599884	4130131	2.196	2.569	2.561	2.295	4.69E-04
599894	4130131	2.268	2.676	2.669	2.375	4.85E-04
599904	4130131	2.343	2.791	2.784	2.458	5.01E-04
599914	4130131	2.423	2.915	2.910	2.547	5.18E-04
599754	4130141	1.534	1.664	1.652	1.575	3.28E-04
599764	4130141	1.577	1.714	1.703	1.621	3.37E-04
599774	4130141	1.621	1.767	1.755	1.669	3.47E-04
599784	4130141	1.667	1.823	1.812	1.719	3.56E-04
599794	4130141	1.715	1.882	1.870	1.772	3.67E-04
599804	4130141	1.765	1.943	1.932	1.825	3.77E-04
599814	4130141	1.817	2.008	1.998	1.881	3.88E-04
599824	4130141	1.871	2.078	2.068	1.941	4.00E-04
599834	4130141	1.928	2.152	2.142	2.004	4.12E-04
599844	4130141	1.987	2.230	2.220	2.070	4.25E-04
599854	4130141	2.049	2.313	2.304	2.138	4.38E-04
599864	4130141	2.113	2.402	2.394	2.210	4.52E-04
599874	4130141	2.181	2.496	2.489	2.285	4.66E-04
599884	4130141	2.251	2.596	2.591	2.364	4.81E-04
599894	4130141	2.325	2.705	2.700	2.448	4.97E-04
599904	4130141	2.402	2.820	2.817	2.534	5.13E-04
599914	4130141	2.483	2.945	2.943	2.625	5.31E-04
599924	4130141	2.568	3.079	3.080	2.722	5.49E-04
599754	4130151	1.572	1.680	1.669	1.620	3.36E-04
599764	4130151	1.615	1.731	1.720	1.667	3.45E-04
599774	4130151	1.660	1.784	1.774	1.715	3.55E-04
599784	4130151	1.707	1.840	1.830	1.767	3.65E-04
599794	4130151	1.757	1.900	1.890	1.822	3.75E-04
599804	4130151	1.808	1.963	1.953	1.878	3.86E-04
599814	4130151	1.861	2.029	2.020	1.937	3.98E-04
599824	4130151	1.917	2.099	2.091	1.997	4.10E-04
599834	4130151	1.975	2.174	2.165	2.061	4.22E-04
599844	4130151	2.035	2.252	2.245	2.129	4.35E-04
599854	4130151	2.098	2.336	2.329	2.200	4.48E-04
599864	4130151	2.164	2.425	2.419	2.274	4.63E-04
599874	4130151	2.233	2.520	2.515	2.350	4.77E-04
599884	4130151	2.305	2.621	2.618	2.431	4.93E-04
599894	4130151	2.380	2.730	2.728	2.517	5.09E-04
599904	4130151	2.459	2.846	2.846	2.608	5.26E-04
599914	4130151	2.541	2.970	2.972	2.702	5.43E-04
599924	4130151	2.627	3.105	3.110	2.800	5.62E-04
599934	4130151	2.718	3.250	3.257	2.904	5.81E-04
599944	4130151	2.813	3.407	3.416	3.016	6.01E-04
599754	4130161	1.609	1.696	1.686	1.664	3.44E-04
599764	4130161	1.653	1.747	1.738	1.712	3.53E-04



599774	4130161	1.699	1.801	1.792	1.763	3.63E-04
599784	4130161	1.747	1.857	1.848	1.815	3.73E-04
599794	4130161	1.797	1.917	1.909	1.869	3.84E-04
599804	4130161	1.850	1.981	1.973	1.928	3.95E-04
599814	4130161	1.904	2.048	2.041	1.990	4.07E-04
599824	4130161	1.961	2.118	2.112	2.053	4.19E-04
599834	4130161	2.020	2.193	2.187	2.119	4.32E-04
599844	4130161	2.081	2.272	2.267	2.186	4.45E-04
599854	4130161	2.146	2.357	2.352	2.258	4.59E-04
599864	4130161	2.213	2.446	2.443	2.335	4.73E-04
599874	4130161	2.283	2.542	2.540	2.416	4.88E-04
599884	4130161	2.356	2.644	2.643	2.498	5.04E-04
599894	4130161	2.433	2.752	2.753	2.584	5.20E-04
599904	4130161	2.513	2.868	2.871	2.677	5.37E-04
599914	4130161	2.596	2.992	2.997	2.776	5.55E-04
599924	4130161	2.684	3.126	3.134	2.877	5.74E-04
599934	4130161	2.776	3.270	3.281	2.982	5.93E-04
599944	4130161	2.872	3.425	3.439	3.096	6.14E-04
599954	4130161	2.973	3.593	3.610	3.216	6.35E-04
599754	4130171	1.645	1.711	1.703	1.707	3.52E-04
599764	4130171	1.690	1.762	1.754	1.756	3.61E-04
599774	4130171	1.737	1.817	1.809	1.808	3.71E-04
599784	4130171	1.786	1.874	1.866	1.864	3.82E-04
599794	4130171	1.837	1.934	1.927	1.920	3.93E-04
599804	4130171	1.890	1.997	1.991	1.978	4.04E-04
599814	4130171	1.946	2.065	2.060	2.039	4.16E-04
599824	4130171	2.004	2.137	2.132	2.105	4.28E-04
599834	4130171	2.064	2.212	2.208	2.173	4.41E-04
599844	4130171	2.126	2.291	2.288	2.245	4.55E-04
599854	4130171	2.192	2.375	2.373	2.318	4.68E-04
599864	4130171	2.260	2.464	2.464	2.394	4.83E-04
599874	4130171	2.331	2.560	2.560	2.477	4.98E-04
599884	4130171	2.405	2.662	2.664	2.564	5.14E-04
599894	4130171	2.484	2.771	2.775	2.652	5.31E-04
599904	4130171	2.565	2.886	2.892	2.743	5.48E-04
599914	4130171	2.649	3.010	3.018	2.844	5.66E-04
599924	4130171	2.738	3.143	3.154	2.950	5.85E-04
599934	4130171	2.831	3.285	3.299	3.057	6.05E-04
599944	4130171	2.928	3.438	3.455	3.171	6.26E-04
599954	4130171	3.030	3.602	3.623	3.294	6.48E-04
599964	4130171	3.137	3.780	3.804	3.421	6.70E-04
599754	4130181	1.680	1.726	1.719	1.751	3.59E-04
599764	4130181	1.726	1.777	1.771	1.802	3.69E-04
599774	4130181	1.774	1.832	1.825	1.853	3.79E-04
599784	4130181	1.824	1.889	1.883	1.908	3.90E-04
599794	4130181	1.876	1.950	1.945	1.967	4.01E-04
599804	4130181	1.930	2.014	2.009	2.029	4.13E-04
599814	4130181	1.986	2.081	2.078	2.092	4.25E-04
599824	4130181	2.045	2.153	2.150	2.157	4.37E-04
599834	4130181	2.106	2.228	2.226	2.226	4.50E-04
599844	4130181	2.170	2.307	2.307	2.299	4.64E-04
599854	4130181	2.236	2.391	2.392	2.375	4.78E-04
599864	4130181	2.305	2.480	2.482	2.453	4.93E-04
599874	4130181	2.377	2.575	2.579	2.534	5.08E-04
599884	4130181	2.452	2.676	2.682	2.623	5.24E-04

599894	4130181	2.531	2.785	2.792	2.717	5.41E-04
599904	4130181	2.614	2.901	2.910	2.811	5.59E-04
599914	4130181	2.699	3.023	3.034	2.909	5.77E-04
599924	4130181	2.789	3.153	3.168	3.016	5.96E-04
599934	4130181	2.883	3.293	3.310	3.128	6.16E-04
599944	4130181	2.981	3.443	3.464	3.243	6.37E-04
599954	4130181	3.083	3.604	3.628	3.365	6.59E-04
599964	4130181	3.190	3.777	3.804	3.498	6.82E-04
599974	4130181	3.302	3.962	3.994	3.632	7.06E-04
599764	4130191	1.761	1.792	1.786	1.844	3.76E-04
599774	4130191	1.810	1.846	1.841	1.900	3.87E-04
599784	4130191	1.861	1.904	1.900	1.956	3.98E-04
599794	4130191	1.913	1.965	1.961	2.013	4.09E-04
599804	4130191	1.968	2.029	2.026	2.075	4.21E-04
599814	4130191	2.026	2.097	2.095	2.141	4.33E-04
599824	4130191	2.085	2.168	2.167	2.210	4.46E-04
599834	4130191	2.147	2.243	2.243	2.279	4.59E-04
599844	4130191	2.211	2.322	2.323	2.350	4.73E-04
599854	4130191	2.278	2.406	2.408	2.428	4.87E-04
599864	4130191	2.348	2.494	2.498	2.511	5.02E-04
599874	4130191	2.421	2.589	2.594	2.593	5.17E-04
599884	4130191	2.497	2.689	2.697	2.680	5.34E-04
599894	4130191	2.577	2.797	2.806	2.775	5.51E-04
599904	4130191	2.660	2.910	2.922	2.875	5.68E-04
599914	4130191	2.746	3.031	3.045	2.975	5.87E-04
599924	4130191	2.836	3.159	3.176	3.079	6.06E-04
599934	4130191	2.930	3.296	3.316	3.194	6.26E-04
599944	4130191	3.029	3.442	3.465	3.313	6.47E-04
599954	4130191	3.132	3.599	3.625	3.433	6.69E-04
599964	4130191	3.239	3.765	3.796	3.563	6.92E-04
599974	4130191	3.351	3.944	3.979	3.704	7.16E-04
599984	4130191	3.469	4.136	4.174	3.846	7.41E-04
599994	4130191	3.592	4.341	4.384	3.996	7.68E-04
599774	4130201	1.845	1.860	1.856	1.940	3.94E-04
599784	4130201	1.896	1.917	1.915	2.000	4.05E-04
599794	4130201	1.950	1.978	1.976	2.061	4.17E-04
599804	4130201	2.006	2.043	2.042	2.124	4.29E-04
599814	4130201	2.063	2.110	2.110	2.188	4.41E-04
599824	4130201	2.124	2.181	2.182	2.256	4.54E-04
599834	4130201	2.186	2.255	2.257	2.329	4.67E-04
599844	4130201	2.251	2.334	2.338	2.404	4.81E-04
599854	4130201	2.318	2.417	2.422	2.480	4.96E-04
599864	4130201	2.389	2.506	2.512	2.562	5.11E-04
599874	4130201	2.462	2.599	2.607	2.651	5.26E-04
599884	4130201	2.539	2.699	2.709	2.740	5.43E-04
599894	4130201	2.619	2.804	2.816	2.831	5.60E-04
599904	4130201	2.703	2.916	2.930	2.929	5.78E-04
599914	4130201	2.789	3.034	3.050	3.036	5.96E-04
599924	4130201	2.880	3.160	3.179	3.143	6.16E-04
599934	4130201	2.975	3.293	3.316	3.253	6.36E-04
599944	4130201	3.073	3.436	3.461	3.374	6.57E-04
599954	4130201	3.176	3.587	3.615	3.499	6.79E-04
599964	4130201	3.283	3.747	3.780	3.628	7.02E-04
599974	4130201	3.396	3.919	3.955	3.765	7.26E-04
599984	4130201	3.513	4.102	4.142	3.911	7.51E-04

599784	4130211	1.930	1.930	1.929	2.041	4.13E-04
599794	4130211	1.984	1.990	1.990	2.102	4.24E-04
599804	4130211	2.041	2.054	2.055	2.168	4.36E-04
599814	4130211	2.099	2.121	2.123	2.235	4.49E-04
599824	4130211	2.160	2.191	2.194	2.304	4.62E-04
599834	4130211	2.223	2.265	2.270	2.375	4.75E-04
599844	4130211	2.288	2.344	2.350	2.453	4.89E-04
599854	4130211	2.357	2.427	2.434	2.533	5.04E-04
599864	4130211	2.428	2.514	2.523	2.613	5.19E-04
599874	4130211	2.502	2.607	2.617	2.699	5.35E-04
599884	4130211	2.579	2.705	2.717	2.792	5.51E-04
599894	4130211	2.659	2.808	2.822	2.889	5.68E-04
599904	4130211	2.742	2.917	2.933	2.984	5.86E-04
599914	4130211	2.829	3.033	3.052	3.086	6.05E-04
599924	4130211	2.920	3.156	3.177	3.199	6.24E-04
599934	4130211	3.015	3.286	3.310	3.313	6.44E-04
599944	4130211	3.113	3.423	3.450	3.431	6.65E-04
599954	4130211	3.216	3.569	3.599	3.555	6.87E-04
599964	4130211	3.323	3.723	3.757	3.686	7.10E-04
599974	4130211	3.434	3.888	3.924	3.824	7.34E-04
599984	4130211	3.551	4.062	4.102	3.969	7.59E-04
599794	4130221	2.018	2.001	2.002	2.146	4.31E-04
599804	4130221	2.074	2.064	2.067	2.210	4.43E-04
599814	4130221	2.133	2.130	2.134	2.278	4.56E-04
599824	4130221	2.194	2.200	2.205	2.349	4.69E-04
599834	4130221	2.257	2.274	2.280	2.421	4.82E-04
599844	4130221	2.323	2.351	2.359	2.496	4.97E-04
599854	4130221	2.392	2.433	2.442	2.579	5.11E-04
599864	4130221	2.464	2.520	2.531	2.664	5.27E-04
599874	4130221	2.538	2.611	2.623	2.750	5.42E-04
599884	4130221	2.615	2.707	2.721	2.839	5.59E-04
599894	4130221	2.695	2.808	2.824	2.936	5.76E-04
599904	4130221	2.779	2.915	2.933	3.038	5.94E-04
599914	4130221	2.866	3.028	3.049	3.141	6.13E-04
599924	4130221	2.957	3.147	3.170	3.248	6.32E-04
599934	4130221	3.051	3.273	3.298	3.363	6.52E-04
599944	4130221	3.149	3.406	3.434	3.483	6.73E-04
599954	4130221	3.251	3.546	3.577	3.608	6.95E-04
599964	4130221	3.357	3.695	3.728	3.739	7.18E-04
599974	4130221	3.468	3.851	3.888	3.875	7.41E-04
599804	4130231	2.106	2.073	2.077	2.252	4.50E-04
599814	4130231	2.165	2.138	2.144	2.319	4.63E-04
599824	4130231	2.226	2.207	2.214	2.389	4.76E-04
599834	4130231	2.290	2.280	2.288	2.466	4.89E-04
599844	4130231	2.356	2.356	2.366	2.543	5.04E-04
599854	4130231	2.425	2.437	2.448	2.622	5.18E-04
599864	4130231	2.497	2.523	2.535	2.706	5.34E-04
599874	4130231	2.571	2.612	2.626	2.796	5.50E-04
599884	4130231	2.648	2.706	2.722	2.888	5.66E-04
599894	4130231	2.729	2.805	2.823	2.982	5.83E-04
599904	4130231	2.812	2.910	2.930	3.082	6.01E-04
599914	4130231	2.899	3.019	3.041	3.187	6.20E-04
599924	4130231	2.989	3.135	3.159	3.296	6.39E-04
599934	4130231	3.083	3.256	3.283	3.410	6.59E-04
599944	4130231	3.180	3.384	3.413	3.529	6.80E-04

599954	4130231	3.282	3.519	3.550	3.653	7.01E-04
599964	4130231	3.387	3.661	3.695	3.784	7.24E-04
599824	4130241	2.257	2.213	2.221	2.432	4.82E-04
599834	4130241	2.321	2.284	2.294	2.504	4.96E-04
599844	4130241	2.387	2.360	2.371	2.583	5.10E-04
599854	4130241	2.456	2.439	2.452	2.664	5.25E-04
599864	4130241	2.527	2.523	2.537	2.749	5.40E-04
599874	4130241	2.602	2.610	2.626	2.837	5.56E-04
599884	4130241	2.679	2.702	2.719	2.929	5.73E-04
599894	4130241	2.759	2.799	2.818	3.025	5.90E-04
599904	4130241	2.842	2.900	2.922	3.124	6.07E-04
599914	4130241	2.928	3.007	3.030	3.230	6.26E-04
599924	4130241	3.018	3.118	3.143	3.338	6.45E-04
599934	4130241	3.110	3.235	3.263	3.450	6.65E-04
599944	4130241	3.207	3.358	3.388	3.570	6.85E-04
599954	4130241	3.307	3.488	3.519	3.694	7.07E-04
599964	4130241	3.412	3.623	3.657	3.822	7.29E-04
599834	4130251	2.349	2.287	2.298	2.543	5.02E-04
599844	4130251	2.415	2.361	2.374	2.622	5.16E-04
599854	4130251	2.484	2.439	2.453	2.703	5.31E-04
599864	4130251	2.555	2.521	2.536	2.787	5.46E-04
599874	4130251	2.629	2.606	2.623	2.875	5.62E-04
599884	4130251	2.706	2.696	2.715	2.967	5.78E-04
599894	4130251	2.786	2.790	2.810	3.064	5.95E-04
599904	4130251	2.868	2.888	2.910	3.162	6.13E-04
599914	4130251	2.953	2.991	3.015	3.266	6.31E-04
599924	4130251	3.042	3.098	3.124	3.375	6.50E-04
599934	4130251	3.134	3.211	3.239	3.487	6.70E-04
599944	4130251	3.229	3.329	3.359	3.604	6.90E-04
599954	4130251	3.328	3.453	3.485	3.727	7.11E-04
599844	4130261	2.441	2.360	2.374	2.656	5.22E-04
599854	4130261	2.509	2.436	2.452	2.737	5.36E-04
599864	4130261	2.580	2.516	2.533	2.823	5.52E-04
599874	4130261	2.654	2.600	2.618	2.911	5.67E-04
599884	4130261	2.730	2.687	2.707	3.001	5.84E-04
599894	4130261	2.809	2.778	2.799	3.097	6.00E-04
599904	4130261	2.891	2.873	2.896	3.197	6.18E-04
599914	4130261	2.975	2.972	2.997	3.298	6.36E-04
599924	4130261	3.063	3.076	3.102	3.406	6.55E-04
599934	4130261	3.153	3.185	3.213	3.517	6.74E-04
599944	4130261	3.248	3.298	3.328	3.632	6.94E-04
599854	4130271	2.532	2.432	2.448	2.769	5.41E-04
599864	4130271	2.602	2.509	2.527	2.853	5.56E-04
599874	4130271	2.675	2.591	2.610	2.941	5.72E-04
599884	4130271	2.751	2.675	2.696	3.033	5.88E-04
599894	4130271	2.829	2.764	2.786	3.126	6.05E-04
599904	4130271	2.909	2.855	2.879	3.224	6.22E-04
599914	4130271	2.993	2.951	2.976	3.326	6.40E-04
599924	4130271	3.079	3.051	3.078	3.431	6.58E-04
599934	4130271	3.169	3.155	3.184	3.542	6.77E-04
599944	4130271	3.261	3.264	3.294	3.658	6.97E-04
599864	4130281	2.622	2.500	2.519	2.881	5.60E-04
599874	4130281	2.694	2.579	2.599	2.968	5.76E-04
599884	4130281	2.768	2.661	2.683	3.058	5.92E-04
599894	4130281	2.845	2.747	2.769	3.152	6.08E-04

599904	4130281	2.925	2.836	2.860	3.248	6.25E-04
599914	4130281	3.007	2.928	2.954	3.349	6.43E-04
599924	4130281	3.092	3.024	3.051	3.453	6.61E-04
599934	4130281	3.180	3.124	3.152	3.561	6.80E-04
599884	4130291	2.783	2.645	2.667	3.080	5.95E-04
599894	4130291	2.858	2.728	2.751	3.172	6.11E-04
599904	4130291	2.937	2.814	2.838	3.268	6.28E-04
599914	4130291	3.018	2.903	2.929	3.367	6.45E-04
599924	4130291	3.101	2.996	3.023	3.470	6.63E-04
599894	4130301	2.868	2.708	2.731	3.189	6.13E-04
599904	4130301	2.945	2.791	2.815	3.283	6.30E-04
599914	4130301	3.025	2.876	2.902	3.379	6.47E-04
599924	4130301	3.106	2.965	2.992	3.481	6.64E-04
599904	4130311	2.951	2.766	2.791	3.293	6.31E-04
599914	4130311	3.028	2.849	2.874	3.390	6.47E-04
600476.11	4129997.4	98.653	16.417	16.678	67.950	2.11E-02
600542.03	4129901.2	70.796	22.614	24.240	45.164	1.51E-02
600613.19	4129963.4	172.055	48.270	53.903	96.845	3.68E-02
600542.4	4130050.2	74.045	19.885	20.163	47.589	1.58E-02

Project PM2.5 Concentrations (ug/m <sup>3</sup> )				Cumulative	
HAUL	LD	SHREDDER	Total	Sources	Total Cumulative
5.75E-04	3.72E-05	4.59E-04	1.62E-03	0.00E+00	1.62E-03
5.77E-04	3.74E-05	4.84E-04	1.69E-03	0.00E+00	1.69E-03
5.80E-04	3.75E-05	5.08E-04	1.76E-03	0.00E+00	1.76E-03
5.82E-04	3.77E-05	5.32E-04	1.82E-03	0.00E+00	1.82E-03
5.85E-04	3.78E-05	5.57E-04	1.89E-03	0.00E+00	1.89E-03
5.86E-04	3.79E-05	5.81E-04	1.95E-03	0.00E+00	1.95E-03
5.73E-04	3.72E-05	3.32E-04	1.31E-03	0.00E+00	1.31E-03
5.77E-04	3.74E-05	3.55E-04	1.37E-03	0.00E+00	1.37E-03
5.81E-04	3.77E-05	3.78E-04	1.43E-03	0.00E+00	1.43E-03
5.85E-04	3.79E-05	4.03E-04	1.49E-03	0.00E+00	1.49E-03
5.88E-04	3.81E-05	4.28E-04	1.56E-03	0.00E+00	1.56E-03
5.92E-04	3.83E-05	4.54E-04	1.62E-03	0.00E+00	1.62E-03
5.95E-04	3.86E-05	4.81E-04	1.69E-03	0.00E+00	1.69E-03
5.98E-04	3.87E-05	5.07E-04	1.76E-03	0.00E+00	1.76E-03
6.01E-04	3.89E-05	5.33E-04	1.83E-03	0.00E+00	1.83E-03
6.04E-04	3.91E-05	5.59E-04	1.91E-03	0.00E+00	1.91E-03
6.06E-04	3.92E-05	5.85E-04	1.98E-03	0.00E+00	1.98E-03
6.08E-04	3.93E-05	6.11E-04	2.05E-03	0.00E+00	2.05E-03
6.11E-04	3.95E-05	6.35E-04	2.12E-03	0.00E+00	2.12E-03
6.13E-04	3.96E-05	6.59E-04	2.19E-03	0.00E+00	2.19E-03
6.15E-04	3.97E-05	6.82E-04	2.26E-03	0.00E+00	2.26E-03
6.16E-04	3.97E-05	7.03E-04	2.32E-03	0.00E+00	2.32E-03
6.17E-04	3.98E-05	7.22E-04	2.38E-03	0.00E+00	2.38E-03
6.18E-04	3.99E-05	7.41E-04	2.44E-03	0.00E+00	2.44E-03
5.75E-04	3.73E-05	2.60E-04	1.15E-03	0.00E+00	1.15E-03
5.80E-04	3.76E-05	2.79E-04	1.20E-03	0.00E+00	1.20E-03
5.85E-04	3.79E-05	3.00E-04	1.25E-03	0.00E+00	1.25E-03
5.90E-04	3.82E-05	3.22E-04	1.31E-03	0.00E+00	1.31E-03
5.94E-04	3.85E-05	3.46E-04	1.36E-03	0.00E+00	1.36E-03
5.98E-04	3.87E-05	3.70E-04	1.42E-03	0.00E+00	1.42E-03
6.02E-04	3.90E-05	3.95E-04	1.49E-03	0.00E+00	1.49E-03
6.06E-04	3.93E-05	4.21E-04	1.55E-03	0.00E+00	1.55E-03
6.10E-04	3.95E-05	4.48E-04	1.62E-03	0.00E+00	1.62E-03
6.14E-04	3.97E-05	4.76E-04	1.69E-03	0.00E+00	1.69E-03
6.17E-04	4.00E-05	5.04E-04	1.77E-03	0.00E+00	1.77E-03
6.20E-04	4.02E-05	5.32E-04	1.84E-03	0.00E+00	1.84E-03
6.24E-04	4.04E-05	5.61E-04	1.92E-03	0.00E+00	1.92E-03
6.26E-04	4.05E-05	5.88E-04	2.00E-03	0.00E+00	2.00E-03
6.29E-04	4.07E-05	6.16E-04	2.07E-03	0.00E+00	2.07E-03
6.32E-04	4.08E-05	6.43E-04	2.15E-03	0.00E+00	2.15E-03
6.34E-04	4.10E-05	6.69E-04	2.23E-03	0.00E+00	2.23E-03
6.36E-04	4.11E-05	6.94E-04	2.30E-03	0.00E+00	2.30E-03
6.39E-04	4.12E-05	7.18E-04	2.37E-03	0.00E+00	2.37E-03
6.40E-04	4.13E-05	7.40E-04	2.44E-03	0.00E+00	2.44E-03
6.41E-04	4.14E-05	7.60E-04	2.50E-03	0.00E+00	2.50E-03
6.43E-04	4.14E-05	7.79E-04	2.56E-03	0.00E+00	2.56E-03
6.44E-04	4.15E-05	7.97E-04	2.62E-03	0.00E+00	2.62E-03
6.45E-04	4.15E-05	8.13E-04	2.67E-03	0.00E+00	2.67E-03
6.46E-04	4.16E-05	8.27E-04	2.72E-03	0.00E+00	2.72E-03
5.84E-04	3.79E-05	2.31E-04	1.10E-03	0.00E+00	1.10E-03
5.90E-04	3.82E-05	2.49E-04	1.15E-03	0.00E+00	1.15E-03

5.95E-04	3.86E-05	2.68E-04	1.19E-03	0.00E+00	1.19E-03
6.00E-04	3.89E-05	2.89E-04	1.24E-03	0.00E+00	1.24E-03
6.05E-04	3.92E-05	3.12E-04	1.30E-03	0.00E+00	1.30E-03
6.10E-04	3.96E-05	3.35E-04	1.35E-03	0.00E+00	1.35E-03
6.15E-04	3.99E-05	3.60E-04	1.41E-03	0.00E+00	1.41E-03
6.20E-04	4.02E-05	3.86E-04	1.48E-03	0.00E+00	1.48E-03
6.24E-04	4.04E-05	4.12E-04	1.54E-03	0.00E+00	1.54E-03
6.28E-04	4.07E-05	4.41E-04	1.62E-03	0.00E+00	1.62E-03
6.33E-04	4.10E-05	4.70E-04	1.69E-03	0.00E+00	1.69E-03
6.37E-04	4.12E-05	5.00E-04	1.77E-03	0.00E+00	1.77E-03
6.40E-04	4.15E-05	5.29E-04	1.85E-03	0.00E+00	1.85E-03
6.44E-04	4.17E-05	5.59E-04	1.93E-03	0.00E+00	1.93E-03
6.48E-04	4.19E-05	5.90E-04	2.01E-03	0.00E+00	2.01E-03
6.51E-04	4.21E-05	6.19E-04	2.09E-03	0.00E+00	2.09E-03
6.54E-04	4.23E-05	6.49E-04	2.18E-03	0.00E+00	2.18E-03
6.57E-04	4.24E-05	6.78E-04	2.26E-03	0.00E+00	2.26E-03
6.59E-04	4.26E-05	7.05E-04	2.34E-03	0.00E+00	2.34E-03
6.62E-04	4.27E-05	7.32E-04	2.42E-03	0.00E+00	2.42E-03
6.64E-04	4.29E-05	7.57E-04	2.50E-03	0.00E+00	2.50E-03
6.66E-04	4.30E-05	7.80E-04	2.57E-03	0.00E+00	2.57E-03
6.68E-04	4.31E-05	8.02E-04	2.64E-03	0.00E+00	2.64E-03
6.69E-04	4.31E-05	8.21E-04	2.70E-03	0.00E+00	2.70E-03
6.70E-04	4.32E-05	8.38E-04	2.75E-03	0.00E+00	2.75E-03
6.71E-04	4.32E-05	8.54E-04	2.81E-03	0.00E+00	2.81E-03
6.72E-04	4.33E-05	8.68E-04	2.86E-03	0.00E+00	2.86E-03
6.73E-04	4.33E-05	8.81E-04	2.90E-03	0.00E+00	2.90E-03
6.73E-04	4.33E-05	8.91E-04	2.94E-03	0.00E+00	2.94E-03
6.74E-04	4.33E-05	9.01E-04	2.97E-03	0.00E+00	2.97E-03
5.93E-04	3.84E-05	2.05E-04	1.06E-03	0.00E+00	1.06E-03
5.99E-04	3.88E-05	2.21E-04	1.10E-03	0.00E+00	1.10E-03
6.04E-04	3.92E-05	2.38E-04	1.14E-03	0.00E+00	1.14E-03
6.10E-04	3.95E-05	2.57E-04	1.18E-03	0.00E+00	1.18E-03
6.16E-04	3.99E-05	2.78E-04	1.23E-03	0.00E+00	1.23E-03
6.22E-04	4.03E-05	3.00E-04	1.28E-03	0.00E+00	1.28E-03
6.27E-04	4.06E-05	3.24E-04	1.34E-03	0.00E+00	1.34E-03
6.33E-04	4.10E-05	3.49E-04	1.40E-03	0.00E+00	1.40E-03
6.38E-04	4.13E-05	3.75E-04	1.47E-03	0.00E+00	1.47E-03
6.43E-04	4.17E-05	4.03E-04	1.54E-03	0.00E+00	1.54E-03
6.48E-04	4.20E-05	4.31E-04	1.61E-03	0.00E+00	1.61E-03
6.52E-04	4.22E-05	4.62E-04	1.69E-03	0.00E+00	1.69E-03
6.57E-04	4.25E-05	4.93E-04	1.77E-03	0.00E+00	1.77E-03
6.61E-04	4.28E-05	5.25E-04	1.85E-03	0.00E+00	1.85E-03
6.65E-04	4.31E-05	5.57E-04	1.93E-03	0.00E+00	1.93E-03
6.69E-04	4.33E-05	5.89E-04	2.02E-03	0.00E+00	2.02E-03
6.73E-04	4.35E-05	6.21E-04	2.11E-03	0.00E+00	2.11E-03
6.77E-04	4.38E-05	6.53E-04	2.20E-03	0.00E+00	2.20E-03
6.80E-04	4.40E-05	6.85E-04	2.29E-03	0.00E+00	2.29E-03
6.83E-04	4.42E-05	7.15E-04	2.38E-03	0.00E+00	2.38E-03
6.86E-04	4.43E-05	7.44E-04	2.46E-03	0.00E+00	2.46E-03
6.89E-04	4.45E-05	7.72E-04	2.55E-03	0.00E+00	2.55E-03
6.92E-04	4.46E-05	7.98E-04	2.63E-03	0.00E+00	2.63E-03
6.94E-04	4.48E-05	8.23E-04	2.71E-03	0.00E+00	2.71E-03
6.96E-04	4.49E-05	8.45E-04	2.78E-03	0.00E+00	2.78E-03
6.97E-04	4.49E-05	8.65E-04	2.84E-03	0.00E+00	2.84E-03
6.99E-04	4.50E-05	8.83E-04	2.90E-03	0.00E+00	2.90E-03

7.00E-04	4.50E-05	8.99E-04	2.96E-03	0.00E+00	2.96E-03
7.01E-04	4.51E-05	9.13E-04	3.01E-03	0.00E+00	3.01E-03
7.01E-04	4.51E-05	9.26E-04	3.05E-03	0.00E+00	3.05E-03
7.02E-04	4.52E-05	9.36E-04	3.09E-03	0.00E+00	3.09E-03
7.03E-04	4.52E-05	9.45E-04	3.12E-03	0.00E+00	3.12E-03
7.03E-04	4.52E-05	9.52E-04	3.15E-03	0.00E+00	3.15E-03
7.03E-04	4.52E-05	9.58E-04	3.17E-03	0.00E+00	3.17E-03
6.00E-04	3.89E-05	1.81E-04	1.02E-03	0.00E+00	1.02E-03
6.07E-04	3.93E-05	1.95E-04	1.05E-03	0.00E+00	1.05E-03
6.13E-04	3.97E-05	2.10E-04	1.09E-03	0.00E+00	1.09E-03
6.19E-04	4.01E-05	2.27E-04	1.13E-03	0.00E+00	1.13E-03
6.26E-04	4.05E-05	2.46E-04	1.17E-03	0.00E+00	1.17E-03
6.32E-04	4.09E-05	2.66E-04	1.22E-03	0.00E+00	1.22E-03
6.38E-04	4.13E-05	2.87E-04	1.27E-03	0.00E+00	1.27E-03
6.44E-04	4.17E-05	3.11E-04	1.33E-03	0.00E+00	1.33E-03
6.50E-04	4.21E-05	3.36E-04	1.39E-03	0.00E+00	1.39E-03
6.56E-04	4.25E-05	3.63E-04	1.46E-03	0.00E+00	1.46E-03
6.62E-04	4.29E-05	3.92E-04	1.53E-03	0.00E+00	1.53E-03
6.67E-04	4.32E-05	4.21E-04	1.60E-03	0.00E+00	1.60E-03
6.72E-04	4.36E-05	4.52E-04	1.68E-03	0.00E+00	1.68E-03
6.77E-04	4.39E-05	4.85E-04	1.76E-03	0.00E+00	1.76E-03
6.82E-04	4.42E-05	5.18E-04	1.84E-03	0.00E+00	1.84E-03
6.87E-04	4.45E-05	5.52E-04	1.93E-03	0.00E+00	1.93E-03
6.92E-04	4.48E-05	5.87E-04	2.03E-03	0.00E+00	2.03E-03
6.96E-04	4.50E-05	6.21E-04	2.12E-03	0.00E+00	2.12E-03
7.00E-04	4.53E-05	6.55E-04	2.22E-03	0.00E+00	2.22E-03
7.05E-04	4.56E-05	6.90E-04	2.31E-03	0.00E+00	2.31E-03
7.09E-04	4.58E-05	7.24E-04	2.41E-03	0.00E+00	2.41E-03
7.12E-04	4.60E-05	7.56E-04	2.50E-03	0.00E+00	2.50E-03
7.15E-04	4.62E-05	7.87E-04	2.60E-03	0.00E+00	2.60E-03
7.18E-04	4.64E-05	8.16E-04	2.69E-03	0.00E+00	2.69E-03
7.21E-04	4.65E-05	8.43E-04	2.77E-03	0.00E+00	2.77E-03
7.24E-04	4.67E-05	8.69E-04	2.86E-03	0.00E+00	2.86E-03
7.26E-04	4.68E-05	8.92E-04	2.93E-03	0.00E+00	2.93E-03
7.28E-04	4.69E-05	9.13E-04	3.00E-03	0.00E+00	3.00E-03
7.29E-04	4.70E-05	9.31E-04	3.06E-03	0.00E+00	3.06E-03
7.31E-04	4.70E-05	9.48E-04	3.12E-03	0.00E+00	3.12E-03
7.31E-04	4.71E-05	9.62E-04	3.17E-03	0.00E+00	3.17E-03
7.32E-04	4.71E-05	9.74E-04	3.22E-03	0.00E+00	3.22E-03
7.33E-04	4.71E-05	9.84E-04	3.25E-03	0.00E+00	3.25E-03
7.34E-04	4.72E-05	9.93E-04	3.29E-03	0.00E+00	3.29E-03
7.34E-04	4.72E-05	1.00E-03	3.31E-03	0.00E+00	3.31E-03
7.34E-04	4.72E-05	1.00E-03	3.34E-03	0.00E+00	3.34E-03
7.34E-04	4.72E-05	1.01E-03	3.36E-03	0.00E+00	3.36E-03
7.33E-04	4.71E-05	1.01E-03	3.37E-03	0.00E+00	3.37E-03
6.14E-04	3.98E-05	1.72E-04	1.02E-03	0.00E+00	1.02E-03
6.21E-04	4.03E-05	1.85E-04	1.05E-03	0.00E+00	1.05E-03
6.28E-04	4.07E-05	2.00E-04	1.09E-03	0.00E+00	1.09E-03
6.35E-04	4.11E-05	2.16E-04	1.12E-03	0.00E+00	1.12E-03
6.41E-04	4.16E-05	2.34E-04	1.17E-03	0.00E+00	1.17E-03
6.48E-04	4.20E-05	2.53E-04	1.21E-03	0.00E+00	1.21E-03
6.55E-04	4.24E-05	2.74E-04	1.26E-03	0.00E+00	1.26E-03
6.61E-04	4.28E-05	2.97E-04	1.32E-03	0.00E+00	1.32E-03
6.67E-04	4.33E-05	3.22E-04	1.38E-03	0.00E+00	1.38E-03
6.74E-04	4.37E-05	3.49E-04	1.44E-03	0.00E+00	1.44E-03



6.80E-04	4.41E-05	3.78E-04	1.51E-03	0.00E+00	1.51E-03
6.87E-04	4.45E-05	4.09E-04	1.59E-03	0.00E+00	1.59E-03
6.93E-04	4.49E-05	4.41E-04	1.66E-03	0.00E+00	1.66E-03
6.99E-04	4.52E-05	4.73E-04	1.75E-03	0.00E+00	1.75E-03
7.04E-04	4.56E-05	5.09E-04	1.84E-03	0.00E+00	1.84E-03
7.09E-04	4.59E-05	5.45E-04	1.93E-03	0.00E+00	1.93E-03
7.15E-04	4.63E-05	5.82E-04	2.03E-03	0.00E+00	2.03E-03
7.20E-04	4.66E-05	6.19E-04	2.13E-03	0.00E+00	2.13E-03
7.25E-04	4.69E-05	6.56E-04	2.23E-03	0.00E+00	2.23E-03
7.30E-04	4.72E-05	6.93E-04	2.33E-03	0.00E+00	2.33E-03
7.35E-04	4.75E-05	7.31E-04	2.44E-03	0.00E+00	2.44E-03
7.39E-04	4.77E-05	7.66E-04	2.54E-03	0.00E+00	2.54E-03
7.43E-04	4.80E-05	8.00E-04	2.65E-03	0.00E+00	2.65E-03
7.46E-04	4.82E-05	8.33E-04	2.74E-03	0.00E+00	2.74E-03
7.50E-04	4.84E-05	8.64E-04	2.84E-03	0.00E+00	2.84E-03
7.53E-04	4.86E-05	8.92E-04	2.93E-03	0.00E+00	2.93E-03
7.56E-04	4.87E-05	9.19E-04	3.02E-03	0.00E+00	3.02E-03
7.58E-04	4.89E-05	9.43E-04	3.10E-03	0.00E+00	3.10E-03
7.60E-04	4.90E-05	9.65E-04	3.17E-03	0.00E+00	3.17E-03
7.62E-04	4.91E-05	9.84E-04	3.24E-03	0.00E+00	3.24E-03
7.64E-04	4.92E-05	1.00E-03	3.30E-03	0.00E+00	3.30E-03
7.65E-04	4.92E-05	1.01E-03	3.35E-03	0.00E+00	3.35E-03
7.65E-04	4.92E-05	1.03E-03	3.39E-03	0.00E+00	3.39E-03
7.66E-04	4.93E-05	1.04E-03	3.43E-03	0.00E+00	3.43E-03
7.67E-04	4.93E-05	1.04E-03	3.47E-03	0.00E+00	3.47E-03
7.67E-04	4.93E-05	1.05E-03	3.49E-03	0.00E+00	3.49E-03
7.68E-04	4.94E-05	1.06E-03	3.52E-03	0.00E+00	3.52E-03
7.67E-04	4.93E-05	1.06E-03	3.53E-03	0.00E+00	3.53E-03
7.67E-04	4.93E-05	1.06E-03	3.54E-03	0.00E+00	3.54E-03
7.66E-04	4.92E-05	1.06E-03	3.55E-03	0.00E+00	3.55E-03
7.65E-04	4.92E-05	1.06E-03	3.55E-03	0.00E+00	3.55E-03
6.23E-04	4.04E-05	1.53E-04	9.94E-04	0.00E+00	9.94E-04
6.30E-04	4.08E-05	1.64E-04	1.02E-03	0.00E+00	1.02E-03
6.36E-04	4.12E-05	1.76E-04	1.05E-03	0.00E+00	1.05E-03
6.43E-04	4.17E-05	1.90E-04	1.08E-03	0.00E+00	1.08E-03
6.50E-04	4.22E-05	2.05E-04	1.12E-03	0.00E+00	1.12E-03
6.58E-04	4.26E-05	2.22E-04	1.16E-03	0.00E+00	1.16E-03
6.65E-04	4.31E-05	2.40E-04	1.20E-03	0.00E+00	1.20E-03
6.72E-04	4.35E-05	2.61E-04	1.25E-03	0.00E+00	1.25E-03
6.79E-04	4.40E-05	2.83E-04	1.30E-03	0.00E+00	1.30E-03
6.86E-04	4.44E-05	3.08E-04	1.36E-03	0.00E+00	1.36E-03
6.93E-04	4.49E-05	3.35E-04	1.43E-03	0.00E+00	1.43E-03
7.00E-04	4.54E-05	3.64E-04	1.50E-03	0.00E+00	1.50E-03
7.07E-04	4.58E-05	3.94E-04	1.57E-03	0.00E+00	1.57E-03
7.14E-04	4.62E-05	4.27E-04	1.65E-03	0.00E+00	1.65E-03
7.20E-04	4.67E-05	4.62E-04	1.73E-03	0.00E+00	1.73E-03
7.27E-04	4.71E-05	4.97E-04	1.83E-03	0.00E+00	1.83E-03
7.33E-04	4.75E-05	5.36E-04	1.92E-03	0.00E+00	1.92E-03
7.39E-04	4.78E-05	5.74E-04	2.02E-03	0.00E+00	2.02E-03
7.45E-04	4.82E-05	6.13E-04	2.13E-03	0.00E+00	2.13E-03
7.50E-04	4.85E-05	6.53E-04	2.23E-03	0.00E+00	2.23E-03
7.56E-04	4.89E-05	6.94E-04	2.35E-03	0.00E+00	2.35E-03
7.62E-04	4.92E-05	7.34E-04	2.46E-03	0.00E+00	2.46E-03
7.67E-04	4.95E-05	7.74E-04	2.57E-03	0.00E+00	2.57E-03
7.71E-04	4.98E-05	8.12E-04	2.69E-03	0.00E+00	2.69E-03

7.76E-04	5.01E-05	8.48E-04	2.80E-03	0.00E+00	2.80E-03
7.80E-04	5.03E-05	8.84E-04	2.91E-03	0.00E+00	2.91E-03
7.84E-04	5.06E-05	9.16E-04	3.01E-03	0.00E+00	3.01E-03
7.87E-04	5.08E-05	9.46E-04	3.11E-03	0.00E+00	3.11E-03
7.90E-04	5.09E-05	9.74E-04	3.20E-03	0.00E+00	3.20E-03
7.93E-04	5.11E-05	9.98E-04	3.28E-03	0.00E+00	3.28E-03
7.95E-04	5.12E-05	1.02E-03	3.36E-03	0.00E+00	3.36E-03
7.98E-04	5.14E-05	1.04E-03	3.43E-03	0.00E+00	3.43E-03
8.00E-04	5.15E-05	1.06E-03	3.49E-03	0.00E+00	3.49E-03
8.02E-04	5.16E-05	1.07E-03	3.55E-03	0.00E+00	3.55E-03
8.02E-04	5.16E-05	1.08E-03	3.59E-03	0.00E+00	3.59E-03
8.02E-04	5.16E-05	1.09E-03	3.63E-03	0.00E+00	3.63E-03
8.03E-04	5.17E-05	1.10E-03	3.66E-03	0.00E+00	3.66E-03
8.04E-04	5.17E-05	1.11E-03	3.69E-03	0.00E+00	3.69E-03
8.04E-04	5.17E-05	1.11E-03	3.71E-03	0.00E+00	3.71E-03
8.03E-04	5.16E-05	1.11E-03	3.72E-03	0.00E+00	3.72E-03
8.03E-04	5.16E-05	1.11E-03	3.73E-03	0.00E+00	3.73E-03
8.02E-04	5.16E-05	1.11E-03	3.74E-03	0.00E+00	3.74E-03
8.01E-04	5.15E-05	1.11E-03	3.74E-03	0.00E+00	3.74E-03
8.00E-04	5.14E-05	1.11E-03	3.74E-03	0.00E+00	3.74E-03
6.37E-04	4.13E-05	1.47E-04	1.00E-03	0.00E+00	1.00E-03
6.45E-04	4.18E-05	1.57E-04	1.03E-03	0.00E+00	1.03E-03
6.52E-04	4.23E-05	1.68E-04	1.05E-03	0.00E+00	1.05E-03
6.60E-04	4.28E-05	1.80E-04	1.09E-03	0.00E+00	1.09E-03
6.67E-04	4.32E-05	1.94E-04	1.12E-03	0.00E+00	1.12E-03
6.74E-04	4.37E-05	2.10E-04	1.16E-03	0.00E+00	1.16E-03
6.82E-04	4.42E-05	2.28E-04	1.20E-03	0.00E+00	1.20E-03
6.89E-04	4.47E-05	2.47E-04	1.24E-03	0.00E+00	1.24E-03
6.97E-04	4.52E-05	2.69E-04	1.29E-03	0.00E+00	1.29E-03
7.04E-04	4.56E-05	2.93E-04	1.35E-03	0.00E+00	1.35E-03
7.12E-04	4.62E-05	3.20E-04	1.41E-03	0.00E+00	1.41E-03
7.21E-04	4.67E-05	3.48E-04	1.48E-03	0.00E+00	1.48E-03
7.28E-04	4.72E-05	3.79E-04	1.55E-03	0.00E+00	1.55E-03
7.35E-04	4.76E-05	4.12E-04	1.63E-03	0.00E+00	1.63E-03
7.42E-04	4.81E-05	4.47E-04	1.72E-03	0.00E+00	1.72E-03
7.49E-04	4.85E-05	4.84E-04	1.81E-03	0.00E+00	1.81E-03
7.57E-04	4.90E-05	5.23E-04	1.91E-03	0.00E+00	1.91E-03
7.64E-04	4.94E-05	5.64E-04	2.01E-03	0.00E+00	2.01E-03
7.70E-04	4.98E-05	6.05E-04	2.12E-03	0.00E+00	2.12E-03
7.76E-04	5.02E-05	6.48E-04	2.23E-03	0.00E+00	2.23E-03
7.83E-04	5.06E-05	6.92E-04	2.35E-03	0.00E+00	2.35E-03
7.90E-04	5.11E-05	7.36E-04	2.47E-03	0.00E+00	2.47E-03
7.95E-04	5.14E-05	7.78E-04	2.59E-03	0.00E+00	2.59E-03
8.01E-04	5.17E-05	8.21E-04	2.72E-03	0.00E+00	2.72E-03
8.06E-04	5.21E-05	8.62E-04	2.84E-03	0.00E+00	2.84E-03
8.11E-04	5.24E-05	9.01E-04	2.96E-03	0.00E+00	2.96E-03
8.16E-04	5.27E-05	9.38E-04	3.08E-03	0.00E+00	3.08E-03
8.21E-04	5.29E-05	9.73E-04	3.19E-03	0.00E+00	3.19E-03
8.25E-04	5.32E-05	1.00E-03	3.30E-03	0.00E+00	3.30E-03
8.28E-04	5.33E-05	1.03E-03	3.39E-03	0.00E+00	3.39E-03
8.31E-04	5.35E-05	1.06E-03	3.48E-03	0.00E+00	3.48E-03
8.33E-04	5.36E-05	1.08E-03	3.56E-03	0.00E+00	3.56E-03
8.36E-04	5.38E-05	1.10E-03	3.64E-03	0.00E+00	3.64E-03
8.38E-04	5.40E-05	1.12E-03	3.70E-03	0.00E+00	3.70E-03
8.40E-04	5.41E-05	1.13E-03	3.76E-03	0.00E+00	3.76E-03

8.41E-04	5.41E-05	1.14E-03	3.80E-03	0.00E+00	3.80E-03
8.41E-04	5.41E-05	1.15E-03	3.84E-03	0.00E+00	3.84E-03
8.42E-04	5.42E-05	1.16E-03	3.87E-03	0.00E+00	3.87E-03
8.43E-04	5.42E-05	1.16E-03	3.90E-03	0.00E+00	3.90E-03
8.42E-04	5.42E-05	1.17E-03	3.91E-03	0.00E+00	3.91E-03
8.42E-04	5.41E-05	1.17E-03	3.93E-03	0.00E+00	3.93E-03
8.41E-04	5.41E-05	1.17E-03	3.93E-03	0.00E+00	3.93E-03
8.41E-04	5.41E-05	1.17E-03	3.94E-03	0.00E+00	3.94E-03
8.40E-04	5.40E-05	1.17E-03	3.94E-03	0.00E+00	3.94E-03
8.39E-04	5.39E-05	1.17E-03	3.94E-03	0.00E+00	3.94E-03
8.38E-04	5.39E-05	1.16E-03	3.93E-03	0.00E+00	3.93E-03
6.44E-04	4.17E-05	1.34E-04	9.86E-04	0.00E+00	9.86E-04
6.52E-04	4.23E-05	1.41E-04	1.01E-03	0.00E+00	1.01E-03
6.60E-04	4.28E-05	1.50E-04	1.03E-03	0.00E+00	1.03E-03
6.68E-04	4.33E-05	1.60E-04	1.06E-03	0.00E+00	1.06E-03
6.76E-04	4.38E-05	1.72E-04	1.09E-03	0.00E+00	1.09E-03
6.84E-04	4.44E-05	1.85E-04	1.12E-03	0.00E+00	1.12E-03
6.92E-04	4.49E-05	1.99E-04	1.16E-03	0.00E+00	1.16E-03
7.00E-04	4.54E-05	2.16E-04	1.20E-03	0.00E+00	1.20E-03
7.08E-04	4.59E-05	2.34E-04	1.24E-03	0.00E+00	1.24E-03
7.16E-04	4.64E-05	2.55E-04	1.29E-03	0.00E+00	1.29E-03
7.23E-04	4.69E-05	2.78E-04	1.34E-03	0.00E+00	1.34E-03
7.32E-04	4.74E-05	3.03E-04	1.40E-03	0.00E+00	1.40E-03
7.41E-04	4.80E-05	3.32E-04	1.47E-03	0.00E+00	1.47E-03
7.49E-04	4.86E-05	3.62E-04	1.54E-03	0.00E+00	1.54E-03
7.57E-04	4.91E-05	3.95E-04	1.62E-03	0.00E+00	1.62E-03
7.65E-04	4.96E-05	4.31E-04	1.70E-03	0.00E+00	1.70E-03
7.73E-04	5.01E-05	4.68E-04	1.79E-03	0.00E+00	1.79E-03
7.81E-04	5.06E-05	5.08E-04	1.89E-03	0.00E+00	1.89E-03
7.89E-04	5.11E-05	5.50E-04	1.99E-03	0.00E+00	1.99E-03
7.96E-04	5.15E-05	5.94E-04	2.11E-03	0.00E+00	2.11E-03
8.03E-04	5.20E-05	6.39E-04	2.22E-03	0.00E+00	2.22E-03
8.11E-04	5.25E-05	6.86E-04	2.35E-03	0.00E+00	2.35E-03
8.18E-04	5.29E-05	7.34E-04	2.48E-03	0.00E+00	2.48E-03
8.25E-04	5.33E-05	7.80E-04	2.61E-03	0.00E+00	2.61E-03
8.32E-04	5.37E-05	8.27E-04	2.74E-03	0.00E+00	2.74E-03
8.38E-04	5.41E-05	8.72E-04	2.88E-03	0.00E+00	2.88E-03
8.44E-04	5.45E-05	9.16E-04	3.01E-03	0.00E+00	3.01E-03
8.50E-04	5.48E-05	9.58E-04	3.14E-03	0.00E+00	3.14E-03
8.55E-04	5.52E-05	9.98E-04	3.27E-03	0.00E+00	3.27E-03
8.60E-04	5.55E-05	1.03E-03	3.39E-03	0.00E+00	3.39E-03
8.65E-04	5.58E-05	1.07E-03	3.50E-03	0.00E+00	3.50E-03
8.69E-04	5.60E-05	1.10E-03	3.61E-03	0.00E+00	3.61E-03
8.72E-04	5.62E-05	1.12E-03	3.70E-03	0.00E+00	3.70E-03
8.74E-04	5.63E-05	1.15E-03	3.78E-03	0.00E+00	3.78E-03
8.77E-04	5.65E-05	1.17E-03	3.86E-03	0.00E+00	3.86E-03
8.80E-04	5.67E-05	1.18E-03	3.93E-03	0.00E+00	3.93E-03
8.82E-04	5.68E-05	1.20E-03	3.99E-03	0.00E+00	3.99E-03
8.83E-04	5.68E-05	1.21E-03	4.03E-03	0.00E+00	4.03E-03
8.83E-04	5.69E-05	1.22E-03	4.07E-03	0.00E+00	4.07E-03
8.84E-04	5.69E-05	1.22E-03	4.10E-03	0.00E+00	4.10E-03
8.84E-04	5.69E-05	1.23E-03	4.12E-03	0.00E+00	4.12E-03
8.84E-04	5.69E-05	1.23E-03	4.14E-03	0.00E+00	4.14E-03
8.84E-04	5.69E-05	1.23E-03	4.15E-03	0.00E+00	4.15E-03
8.83E-04	5.68E-05	1.23E-03	4.16E-03	0.00E+00	4.16E-03

8.83E-04	5.68E-05	1.23E-03	4.16E-03	0.00E+00	4.16E-03
8.82E-04	5.67E-05	1.23E-03	4.16E-03	0.00E+00	4.16E-03
8.80E-04	5.66E-05	1.23E-03	4.15E-03	0.00E+00	4.15E-03
8.79E-04	5.65E-05	1.22E-03	4.14E-03	0.00E+00	4.14E-03
8.77E-04	5.64E-05	1.22E-03	4.13E-03	0.00E+00	4.13E-03
8.76E-04	5.63E-05	1.21E-03	4.12E-03	0.00E+00	4.12E-03
6.58E-04	4.27E-05	1.30E-04	9.98E-04	0.00E+00	9.98E-04
6.67E-04	4.32E-05	1.37E-04	1.02E-03	0.00E+00	1.02E-03
6.75E-04	4.38E-05	1.45E-04	1.04E-03	0.00E+00	1.04E-03
6.84E-04	4.43E-05	1.53E-04	1.07E-03	0.00E+00	1.07E-03
6.93E-04	4.49E-05	1.64E-04	1.10E-03	0.00E+00	1.10E-03
7.02E-04	4.55E-05	1.76E-04	1.13E-03	0.00E+00	1.13E-03
7.10E-04	4.60E-05	1.89E-04	1.16E-03	0.00E+00	1.16E-03
7.19E-04	4.66E-05	2.04E-04	1.20E-03	0.00E+00	1.20E-03
7.27E-04	4.72E-05	2.22E-04	1.24E-03	0.00E+00	1.24E-03
7.36E-04	4.77E-05	2.41E-04	1.28E-03	0.00E+00	1.28E-03
7.43E-04	4.82E-05	2.62E-04	1.33E-03	0.00E+00	1.33E-03
7.52E-04	4.87E-05	2.86E-04	1.39E-03	0.00E+00	1.39E-03
7.62E-04	4.94E-05	3.14E-04	1.45E-03	0.00E+00	1.45E-03
7.71E-04	4.99E-05	3.44E-04	1.52E-03	0.00E+00	1.52E-03
7.80E-04	5.05E-05	3.77E-04	1.60E-03	0.00E+00	1.60E-03
7.88E-04	5.11E-05	4.12E-04	1.68E-03	0.00E+00	1.68E-03
7.97E-04	5.16E-05	4.50E-04	1.77E-03	0.00E+00	1.77E-03
8.05E-04	5.21E-05	4.91E-04	1.87E-03	0.00E+00	1.87E-03
8.14E-04	5.27E-05	5.34E-04	1.97E-03	0.00E+00	1.97E-03
8.22E-04	5.32E-05	5.79E-04	2.09E-03	0.00E+00	2.09E-03
8.31E-04	5.38E-05	6.27E-04	2.21E-03	0.00E+00	2.21E-03
8.39E-04	5.43E-05	6.77E-04	2.34E-03	0.00E+00	2.34E-03
8.48E-04	5.49E-05	7.28E-04	2.48E-03	0.00E+00	2.48E-03
8.56E-04	5.53E-05	7.78E-04	2.62E-03	0.00E+00	2.62E-03
8.64E-04	5.58E-05	8.30E-04	2.76E-03	0.00E+00	2.76E-03
8.71E-04	5.63E-05	8.80E-04	2.91E-03	0.00E+00	2.91E-03
8.78E-04	5.67E-05	9.29E-04	3.05E-03	0.00E+00	3.05E-03
8.85E-04	5.71E-05	9.76E-04	3.20E-03	0.00E+00	3.20E-03
8.91E-04	5.75E-05	1.02E-03	3.34E-03	0.00E+00	3.34E-03
8.97E-04	5.79E-05	1.06E-03	3.48E-03	0.00E+00	3.48E-03
9.03E-04	5.82E-05	1.10E-03	3.61E-03	0.00E+00	3.61E-03
9.08E-04	5.86E-05	1.14E-03	3.73E-03	0.00E+00	3.73E-03
9.13E-04	5.88E-05	1.17E-03	3.84E-03	0.00E+00	3.84E-03
9.16E-04	5.91E-05	1.19E-03	3.94E-03	0.00E+00	3.94E-03
9.20E-04	5.93E-05	1.22E-03	4.03E-03	0.00E+00	4.03E-03
9.23E-04	5.94E-05	1.24E-03	4.11E-03	0.00E+00	4.11E-03
9.25E-04	5.96E-05	1.25E-03	4.18E-03	0.00E+00	4.18E-03
9.27E-04	5.97E-05	1.27E-03	4.24E-03	0.00E+00	4.24E-03
9.28E-04	5.98E-05	1.28E-03	4.28E-03	0.00E+00	4.28E-03
9.29E-04	5.99E-05	1.29E-03	4.32E-03	0.00E+00	4.32E-03
9.30E-04	5.99E-05	1.29E-03	4.35E-03	0.00E+00	4.35E-03
9.30E-04	5.99E-05	1.30E-03	4.37E-03	0.00E+00	4.37E-03
9.30E-04	5.99E-05	1.30E-03	4.39E-03	0.00E+00	4.39E-03
9.29E-04	5.98E-05	1.30E-03	4.40E-03	0.00E+00	4.40E-03
9.29E-04	5.98E-05	1.30E-03	4.40E-03	0.00E+00	4.40E-03
9.28E-04	5.97E-05	1.30E-03	4.40E-03	0.00E+00	4.40E-03
9.27E-04	5.96E-05	1.29E-03	4.40E-03	0.00E+00	4.40E-03
9.25E-04	5.95E-05	1.29E-03	4.39E-03	0.00E+00	4.39E-03
9.24E-04	5.94E-05	1.29E-03	4.38E-03	0.00E+00	4.38E-03

9.22E-04	5.93E-05	1.28E-03	4.36E-03	0.00E+00	4.36E-03
9.20E-04	5.92E-05	1.27E-03	4.35E-03	0.00E+00	4.35E-03
9.17E-04	5.90E-05	1.27E-03	4.33E-03	0.00E+00	4.33E-03
6.73E-04	4.37E-05	1.28E-04	1.01E-03	0.00E+00	1.01E-03
6.82E-04	4.42E-05	1.33E-04	1.03E-03	0.00E+00	1.03E-03
6.91E-04	4.48E-05	1.40E-04	1.06E-03	0.00E+00	1.06E-03
7.00E-04	4.54E-05	1.48E-04	1.08E-03	0.00E+00	1.08E-03
7.10E-04	4.60E-05	1.57E-04	1.11E-03	0.00E+00	1.11E-03
7.19E-04	4.66E-05	1.68E-04	1.13E-03	0.00E+00	1.13E-03
7.28E-04	4.72E-05	1.80E-04	1.17E-03	0.00E+00	1.17E-03
7.37E-04	4.78E-05	1.94E-04	1.20E-03	0.00E+00	1.20E-03
7.47E-04	4.84E-05	2.10E-04	1.24E-03	0.00E+00	1.24E-03
7.56E-04	4.90E-05	2.28E-04	1.28E-03	0.00E+00	1.28E-03
7.65E-04	4.96E-05	2.48E-04	1.33E-03	0.00E+00	1.33E-03
7.74E-04	5.02E-05	2.71E-04	1.38E-03	0.00E+00	1.38E-03
7.83E-04	5.07E-05	2.96E-04	1.44E-03	0.00E+00	1.44E-03
7.93E-04	5.14E-05	3.25E-04	1.51E-03	0.00E+00	1.51E-03
8.02E-04	5.20E-05	3.57E-04	1.58E-03	0.00E+00	1.58E-03
8.12E-04	5.26E-05	3.92E-04	1.66E-03	0.00E+00	1.66E-03
8.21E-04	5.32E-05	4.30E-04	1.75E-03	0.00E+00	1.75E-03
8.30E-04	5.38E-05	4.71E-04	1.84E-03	0.00E+00	1.84E-03
8.40E-04	5.44E-05	5.15E-04	1.95E-03	0.00E+00	1.95E-03
8.49E-04	5.50E-05	5.62E-04	2.07E-03	0.00E+00	2.07E-03
8.59E-04	5.56E-05	6.11E-04	2.19E-03	0.00E+00	2.19E-03
8.68E-04	5.62E-05	6.63E-04	2.32E-03	0.00E+00	2.32E-03
8.79E-04	5.68E-05	7.19E-04	2.47E-03	0.00E+00	2.47E-03
8.88E-04	5.74E-05	7.73E-04	2.61E-03	0.00E+00	2.61E-03
8.97E-04	5.80E-05	8.29E-04	2.77E-03	0.00E+00	2.77E-03
9.05E-04	5.85E-05	8.84E-04	2.93E-03	0.00E+00	2.93E-03
9.14E-04	5.90E-05	9.39E-04	3.09E-03	0.00E+00	3.09E-03
9.22E-04	5.95E-05	9.92E-04	3.25E-03	0.00E+00	3.25E-03
9.30E-04	6.00E-05	1.04E-03	3.41E-03	0.00E+00	3.41E-03
9.37E-04	6.05E-05	1.09E-03	3.56E-03	0.00E+00	3.56E-03
9.43E-04	6.09E-05	1.13E-03	3.71E-03	0.00E+00	3.71E-03
9.50E-04	6.13E-05	1.17E-03	3.85E-03	0.00E+00	3.85E-03
9.55E-04	6.16E-05	1.21E-03	3.98E-03	0.00E+00	3.98E-03
9.60E-04	6.19E-05	1.24E-03	4.10E-03	0.00E+00	4.10E-03
9.65E-04	6.22E-05	1.27E-03	4.21E-03	0.00E+00	4.21E-03
9.69E-04	6.25E-05	1.30E-03	4.30E-03	0.00E+00	4.30E-03
9.72E-04	6.27E-05	1.32E-03	4.38E-03	0.00E+00	4.38E-03
9.75E-04	6.28E-05	1.33E-03	4.45E-03	0.00E+00	4.45E-03
9.76E-04	6.29E-05	1.34E-03	4.51E-03	0.00E+00	4.51E-03
9.78E-04	6.30E-05	1.35E-03	4.56E-03	0.00E+00	4.56E-03
9.79E-04	6.31E-05	1.36E-03	4.59E-03	0.00E+00	4.59E-03
9.80E-04	6.31E-05	1.37E-03	4.62E-03	0.00E+00	4.62E-03
9.80E-04	6.31E-05	1.37E-03	4.64E-03	0.00E+00	4.64E-03
9.79E-04	6.31E-05	1.37E-03	4.65E-03	0.00E+00	4.65E-03
9.79E-04	6.30E-05	1.37E-03	4.66E-03	0.00E+00	4.66E-03
9.78E-04	6.30E-05	1.37E-03	4.66E-03	0.00E+00	4.66E-03
9.77E-04	6.29E-05	1.37E-03	4.66E-03	0.00E+00	4.66E-03
9.75E-04	6.28E-05	1.36E-03	4.65E-03	0.00E+00	4.65E-03
9.74E-04	6.27E-05	1.36E-03	4.64E-03	0.00E+00	4.64E-03
9.72E-04	6.26E-05	1.35E-03	4.63E-03	0.00E+00	4.63E-03
9.70E-04	6.24E-05	1.35E-03	4.61E-03	0.00E+00	4.61E-03
9.67E-04	6.23E-05	1.34E-03	4.59E-03	0.00E+00	4.59E-03

9.65E-04	6.21E-05	1.33E-03	4.57E-03	0.00E+00	4.57E-03
9.62E-04	6.20E-05	1.33E-03	4.55E-03	0.00E+00	4.55E-03
6.89E-04	4.47E-05	1.26E-04	1.03E-03	0.00E+00	1.03E-03
6.98E-04	4.53E-05	1.31E-04	1.05E-03	0.00E+00	1.05E-03
7.08E-04	4.59E-05	1.37E-04	1.07E-03	0.00E+00	1.07E-03
7.17E-04	4.65E-05	1.44E-04	1.10E-03	0.00E+00	1.10E-03
7.27E-04	4.71E-05	1.52E-04	1.12E-03	0.00E+00	1.12E-03
7.37E-04	4.78E-05	1.61E-04	1.15E-03	0.00E+00	1.15E-03
7.47E-04	4.84E-05	1.72E-04	1.18E-03	0.00E+00	1.18E-03
7.56E-04	4.90E-05	1.84E-04	1.21E-03	0.00E+00	1.21E-03
7.66E-04	4.97E-05	1.99E-04	1.24E-03	0.00E+00	1.24E-03
7.76E-04	5.03E-05	2.15E-04	1.28E-03	0.00E+00	1.28E-03
7.86E-04	5.10E-05	2.34E-04	1.33E-03	0.00E+00	1.33E-03
7.96E-04	5.16E-05	2.55E-04	1.38E-03	0.00E+00	1.38E-03
8.05E-04	5.22E-05	2.79E-04	1.43E-03	0.00E+00	1.43E-03
8.15E-04	5.28E-05	3.06E-04	1.49E-03	0.00E+00	1.49E-03
8.26E-04	5.35E-05	3.37E-04	1.56E-03	0.00E+00	1.56E-03
8.36E-04	5.42E-05	3.71E-04	1.64E-03	0.00E+00	1.64E-03
8.46E-04	5.48E-05	4.08E-04	1.73E-03	0.00E+00	1.73E-03
8.56E-04	5.55E-05	4.48E-04	1.82E-03	0.00E+00	1.82E-03
8.66E-04	5.61E-05	4.93E-04	1.92E-03	0.00E+00	1.92E-03
8.77E-04	5.68E-05	5.41E-04	2.04E-03	0.00E+00	2.04E-03
8.88E-04	5.75E-05	5.92E-04	2.16E-03	0.00E+00	2.16E-03
8.98E-04	5.81E-05	6.46E-04	2.30E-03	0.00E+00	2.30E-03
9.10E-04	5.88E-05	7.04E-04	2.45E-03	0.00E+00	2.45E-03
9.21E-04	5.95E-05	7.64E-04	2.60E-03	0.00E+00	2.60E-03
9.31E-04	6.02E-05	8.24E-04	2.77E-03	0.00E+00	2.77E-03
9.41E-04	6.08E-05	8.84E-04	2.94E-03	0.00E+00	2.94E-03
9.51E-04	6.15E-05	9.45E-04	3.11E-03	0.00E+00	3.11E-03
9.61E-04	6.20E-05	1.00E-03	3.29E-03	0.00E+00	3.29E-03
9.70E-04	6.26E-05	1.06E-03	3.46E-03	0.00E+00	3.46E-03
9.78E-04	6.31E-05	1.12E-03	3.64E-03	0.00E+00	3.64E-03
9.86E-04	6.37E-05	1.17E-03	3.81E-03	0.00E+00	3.81E-03
9.94E-04	6.41E-05	1.21E-03	3.97E-03	0.00E+00	3.97E-03
1.00E-03	6.46E-05	1.25E-03	4.12E-03	0.00E+00	4.12E-03
1.01E-03	6.50E-05	1.29E-03	4.26E-03	0.00E+00	4.26E-03
1.01E-03	6.53E-05	1.33E-03	4.39E-03	0.00E+00	4.39E-03
1.02E-03	6.57E-05	1.36E-03	4.50E-03	0.00E+00	4.50E-03
1.02E-03	6.60E-05	1.38E-03	4.60E-03	0.00E+00	4.60E-03
1.03E-03	6.62E-05	1.40E-03	4.69E-03	0.00E+00	4.69E-03
1.03E-03	6.63E-05	1.42E-03	4.75E-03	0.00E+00	4.75E-03
1.03E-03	6.64E-05	1.43E-03	4.81E-03	0.00E+00	4.81E-03
1.03E-03	6.66E-05	1.44E-03	4.86E-03	0.00E+00	4.86E-03
1.03E-03	6.67E-05	1.44E-03	4.90E-03	0.00E+00	4.90E-03
1.03E-03	6.67E-05	1.45E-03	4.92E-03	0.00E+00	4.92E-03
1.03E-03	6.67E-05	1.45E-03	4.94E-03	0.00E+00	4.94E-03
1.03E-03	6.66E-05	1.45E-03	4.95E-03	0.00E+00	4.95E-03
1.03E-03	6.65E-05	1.45E-03	4.95E-03	0.00E+00	4.95E-03
1.03E-03	6.65E-05	1.45E-03	4.95E-03	0.00E+00	4.95E-03
1.03E-03	6.64E-05	1.44E-03	4.95E-03	0.00E+00	4.95E-03
1.03E-03	6.63E-05	1.44E-03	4.94E-03	0.00E+00	4.94E-03
1.03E-03	6.61E-05	1.43E-03	4.92E-03	0.00E+00	4.92E-03
1.02E-03	6.60E-05	1.43E-03	4.90E-03	0.00E+00	4.90E-03
1.02E-03	6.58E-05	1.42E-03	4.88E-03	0.00E+00	4.88E-03
1.02E-03	6.57E-05	1.41E-03	4.86E-03	0.00E+00	4.86E-03

1.02E-03	6.55E-05	1.41E-03	4.83E-03	0.00E+00	4.83E-03
1.01E-03	6.53E-05	1.40E-03	4.80E-03	0.00E+00	4.80E-03
1.01E-03	6.51E-05	1.39E-03	4.77E-03	0.00E+00	4.77E-03
7.04E-04	4.57E-05	1.26E-04	1.05E-03	0.00E+00	1.05E-03
7.15E-04	4.64E-05	1.30E-04	1.07E-03	0.00E+00	1.07E-03
7.25E-04	4.70E-05	1.36E-04	1.09E-03	0.00E+00	1.09E-03
7.35E-04	4.77E-05	1.41E-04	1.11E-03	0.00E+00	1.11E-03
7.44E-04	4.83E-05	1.48E-04	1.14E-03	0.00E+00	1.14E-03
7.55E-04	4.90E-05	1.56E-04	1.16E-03	0.00E+00	1.16E-03
7.66E-04	4.97E-05	1.66E-04	1.19E-03	0.00E+00	1.19E-03
7.76E-04	5.03E-05	1.76E-04	1.22E-03	0.00E+00	1.22E-03
7.87E-04	5.10E-05	1.89E-04	1.25E-03	0.00E+00	1.25E-03
7.97E-04	5.17E-05	2.03E-04	1.29E-03	0.00E+00	1.29E-03
8.07E-04	5.23E-05	2.20E-04	1.33E-03	0.00E+00	1.33E-03
8.18E-04	5.30E-05	2.40E-04	1.38E-03	0.00E+00	1.38E-03
8.28E-04	5.37E-05	2.62E-04	1.43E-03	0.00E+00	1.43E-03
8.39E-04	5.44E-05	2.87E-04	1.49E-03	0.00E+00	1.49E-03
8.50E-04	5.51E-05	3.16E-04	1.55E-03	0.00E+00	1.55E-03
8.61E-04	5.58E-05	3.48E-04	1.62E-03	0.00E+00	1.62E-03
8.72E-04	5.65E-05	3.85E-04	1.71E-03	0.00E+00	1.71E-03
8.82E-04	5.72E-05	4.25E-04	1.80E-03	0.00E+00	1.80E-03
8.93E-04	5.78E-05	4.68E-04	1.89E-03	0.00E+00	1.89E-03
9.05E-04	5.86E-05	5.17E-04	2.01E-03	0.00E+00	2.01E-03
9.17E-04	5.94E-05	5.69E-04	2.13E-03	0.00E+00	2.13E-03
9.29E-04	6.01E-05	6.24E-04	2.27E-03	0.00E+00	2.27E-03
9.41E-04	6.09E-05	6.85E-04	2.42E-03	0.00E+00	2.42E-03
9.54E-04	6.17E-05	7.48E-04	2.58E-03	0.00E+00	2.58E-03
9.65E-04	6.24E-05	8.13E-04	2.75E-03	0.00E+00	2.75E-03
9.77E-04	6.32E-05	8.79E-04	2.93E-03	0.00E+00	2.93E-03
9.89E-04	6.39E-05	9.45E-04	3.12E-03	0.00E+00	3.12E-03
1.00E-03	6.46E-05	1.01E-03	3.31E-03	0.00E+00	3.31E-03
1.01E-03	6.53E-05	1.08E-03	3.50E-03	0.00E+00	3.50E-03
1.02E-03	6.60E-05	1.14E-03	3.70E-03	0.00E+00	3.70E-03
1.03E-03	6.66E-05	1.20E-03	3.89E-03	0.00E+00	3.89E-03
1.04E-03	6.72E-05	1.25E-03	4.08E-03	0.00E+00	4.08E-03
1.05E-03	6.77E-05	1.30E-03	4.25E-03	0.00E+00	4.25E-03
1.06E-03	6.82E-05	1.34E-03	4.42E-03	0.00E+00	4.42E-03
1.06E-03	6.87E-05	1.38E-03	4.57E-03	0.00E+00	4.57E-03
1.07E-03	6.91E-05	1.42E-03	4.71E-03	0.00E+00	4.71E-03
1.08E-03	6.95E-05	1.45E-03	4.83E-03	0.00E+00	4.83E-03
1.08E-03	6.98E-05	1.47E-03	4.93E-03	0.00E+00	4.93E-03
1.09E-03	7.00E-05	1.49E-03	5.02E-03	0.00E+00	5.02E-03
1.09E-03	7.02E-05	1.51E-03	5.09E-03	0.00E+00	5.09E-03
1.09E-03	7.03E-05	1.52E-03	5.15E-03	0.00E+00	5.15E-03
1.09E-03	7.05E-05	1.53E-03	5.20E-03	0.00E+00	5.20E-03
1.09E-03	7.06E-05	1.53E-03	5.23E-03	0.00E+00	5.23E-03
1.09E-03	7.05E-05	1.54E-03	5.25E-03	0.00E+00	5.25E-03
1.09E-03	7.05E-05	1.54E-03	5.27E-03	0.00E+00	5.27E-03
1.09E-03	7.04E-05	1.54E-03	5.27E-03	0.00E+00	5.27E-03
1.09E-03	7.04E-05	1.53E-03	5.28E-03	0.00E+00	5.28E-03
1.09E-03	7.03E-05	1.53E-03	5.27E-03	0.00E+00	5.27E-03
1.09E-03	7.02E-05	1.53E-03	5.26E-03	0.00E+00	5.26E-03
1.09E-03	7.00E-05	1.52E-03	5.25E-03	0.00E+00	5.25E-03
1.08E-03	6.99E-05	1.51E-03	5.23E-03	0.00E+00	5.23E-03
1.08E-03	6.97E-05	1.51E-03	5.20E-03	0.00E+00	5.20E-03

1.08E-03	6.95E-05	1.50E-03	5.18E-03	0.00E+00	5.18E-03
1.07E-03	6.93E-05	1.49E-03	5.15E-03	0.00E+00	5.15E-03
1.07E-03	6.91E-05	1.48E-03	5.12E-03	0.00E+00	5.12E-03
1.07E-03	6.89E-05	1.47E-03	5.08E-03	0.00E+00	5.08E-03
1.06E-03	6.87E-05	1.46E-03	5.04E-03	0.00E+00	5.04E-03
1.06E-03	6.84E-05	1.45E-03	5.00E-03	0.00E+00	5.00E-03
7.20E-04	4.67E-05	1.27E-04	1.08E-03	0.00E+00	1.08E-03
7.31E-04	4.75E-05	1.31E-04	1.10E-03	0.00E+00	1.10E-03
7.42E-04	4.82E-05	1.35E-04	1.12E-03	0.00E+00	1.12E-03
7.53E-04	4.89E-05	1.40E-04	1.14E-03	0.00E+00	1.14E-03
7.64E-04	4.96E-05	1.46E-04	1.16E-03	0.00E+00	1.16E-03
7.75E-04	5.02E-05	1.53E-04	1.18E-03	0.00E+00	1.18E-03
7.86E-04	5.10E-05	1.61E-04	1.21E-03	0.00E+00	1.21E-03
7.97E-04	5.17E-05	1.70E-04	1.24E-03	0.00E+00	1.24E-03
8.08E-04	5.24E-05	1.81E-04	1.27E-03	0.00E+00	1.27E-03
8.18E-04	5.31E-05	1.94E-04	1.30E-03	0.00E+00	1.30E-03
8.30E-04	5.38E-05	2.09E-04	1.34E-03	0.00E+00	1.34E-03
8.41E-04	5.45E-05	2.26E-04	1.38E-03	0.00E+00	1.38E-03
8.52E-04	5.52E-05	2.46E-04	1.43E-03	0.00E+00	1.43E-03
8.63E-04	5.59E-05	2.70E-04	1.48E-03	0.00E+00	1.48E-03
8.75E-04	5.67E-05	2.96E-04	1.54E-03	0.00E+00	1.54E-03
8.86E-04	5.74E-05	3.27E-04	1.61E-03	0.00E+00	1.61E-03
8.98E-04	5.82E-05	3.61E-04	1.69E-03	0.00E+00	1.69E-03
9.10E-04	5.89E-05	4.00E-04	1.77E-03	0.00E+00	1.77E-03
9.22E-04	5.97E-05	4.43E-04	1.87E-03	0.00E+00	1.87E-03
9.34E-04	6.05E-05	4.90E-04	1.98E-03	0.00E+00	1.98E-03
9.47E-04	6.13E-05	5.43E-04	2.10E-03	0.00E+00	2.10E-03
9.60E-04	6.21E-05	5.99E-04	2.23E-03	0.00E+00	2.23E-03
9.74E-04	6.30E-05	6.61E-04	2.38E-03	0.00E+00	2.38E-03
9.88E-04	6.39E-05	7.27E-04	2.55E-03	0.00E+00	2.55E-03
1.00E-03	6.47E-05	7.96E-04	2.72E-03	0.00E+00	2.72E-03
1.01E-03	6.56E-05	8.67E-04	2.91E-03	0.00E+00	2.91E-03
1.03E-03	6.65E-05	9.40E-04	3.11E-03	0.00E+00	3.11E-03
1.04E-03	6.73E-05	1.01E-03	3.32E-03	0.00E+00	3.32E-03
1.05E-03	6.82E-05	1.09E-03	3.54E-03	0.00E+00	3.54E-03
1.07E-03	6.89E-05	1.16E-03	3.75E-03	0.00E+00	3.75E-03
1.08E-03	6.97E-05	1.22E-03	3.97E-03	0.00E+00	3.97E-03
1.09E-03	7.04E-05	1.29E-03	4.18E-03	0.00E+00	4.18E-03
1.10E-03	7.11E-05	1.34E-03	4.38E-03	0.00E+00	4.38E-03
1.11E-03	7.17E-05	1.40E-03	4.57E-03	0.00E+00	4.57E-03
1.12E-03	7.23E-05	1.44E-03	4.75E-03	0.00E+00	4.75E-03
1.13E-03	7.28E-05	1.49E-03	4.92E-03	0.00E+00	4.92E-03
1.14E-03	7.33E-05	1.52E-03	5.07E-03	0.00E+00	5.07E-03
1.14E-03	7.37E-05	1.55E-03	5.19E-03	0.00E+00	5.19E-03
1.15E-03	7.40E-05	1.58E-03	5.30E-03	0.00E+00	5.30E-03
1.15E-03	7.42E-05	1.59E-03	5.38E-03	0.00E+00	5.38E-03
1.15E-03	7.44E-05	1.61E-03	5.46E-03	0.00E+00	5.46E-03
1.16E-03	7.46E-05	1.62E-03	5.52E-03	0.00E+00	5.52E-03
1.16E-03	7.48E-05	1.63E-03	5.57E-03	0.00E+00	5.57E-03
1.16E-03	7.48E-05	1.63E-03	5.60E-03	0.00E+00	5.60E-03
1.16E-03	7.48E-05	1.63E-03	5.62E-03	0.00E+00	5.62E-03
1.16E-03	7.47E-05	1.63E-03	5.63E-03	0.00E+00	5.63E-03
1.16E-03	7.47E-05	1.63E-03	5.63E-03	0.00E+00	5.63E-03
1.16E-03	7.45E-05	1.63E-03	5.63E-03	0.00E+00	5.63E-03
1.15E-03	7.44E-05	1.62E-03	5.62E-03	0.00E+00	5.62E-03



1.15E-03	7.43E-05	1.62E-03	5.60E-03	0.00E+00	5.60E-03
1.15E-03	7.41E-05	1.61E-03	5.58E-03	0.00E+00	5.58E-03
1.15E-03	7.40E-05	1.60E-03	5.56E-03	0.00E+00	5.56E-03
1.14E-03	7.38E-05	1.59E-03	5.53E-03	0.00E+00	5.53E-03
1.14E-03	7.35E-05	1.59E-03	5.50E-03	0.00E+00	5.50E-03
1.14E-03	7.33E-05	1.58E-03	5.46E-03	0.00E+00	5.46E-03
1.13E-03	7.31E-05	1.56E-03	5.42E-03	0.00E+00	5.42E-03
1.13E-03	7.28E-05	1.55E-03	5.38E-03	0.00E+00	5.38E-03
1.12E-03	7.25E-05	1.54E-03	5.33E-03	0.00E+00	5.33E-03
1.12E-03	7.22E-05	1.53E-03	5.28E-03	0.00E+00	5.28E-03
1.11E-03	7.19E-05	1.51E-03	5.23E-03	0.00E+00	5.23E-03
7.48E-04	4.86E-05	1.32E-04	1.12E-03	0.00E+00	1.12E-03
7.60E-04	4.93E-05	1.36E-04	1.14E-03	0.00E+00	1.14E-03
7.72E-04	5.01E-05	1.40E-04	1.16E-03	0.00E+00	1.16E-03
7.83E-04	5.08E-05	1.45E-04	1.19E-03	0.00E+00	1.19E-03
7.95E-04	5.16E-05	1.51E-04	1.21E-03	0.00E+00	1.21E-03
8.06E-04	5.23E-05	1.58E-04	1.23E-03	0.00E+00	1.23E-03
8.18E-04	5.31E-05	1.66E-04	1.26E-03	0.00E+00	1.26E-03
8.30E-04	5.38E-05	1.76E-04	1.29E-03	0.00E+00	1.29E-03
8.42E-04	5.46E-05	1.87E-04	1.32E-03	0.00E+00	1.32E-03
8.53E-04	5.53E-05	1.99E-04	1.36E-03	0.00E+00	1.36E-03
8.65E-04	5.61E-05	2.14E-04	1.39E-03	0.00E+00	1.39E-03
8.76E-04	5.68E-05	2.32E-04	1.44E-03	0.00E+00	1.44E-03
8.88E-04	5.76E-05	2.53E-04	1.49E-03	0.00E+00	1.49E-03
9.00E-04	5.83E-05	2.77E-04	1.54E-03	0.00E+00	1.54E-03
9.12E-04	5.91E-05	3.05E-04	1.60E-03	0.00E+00	1.60E-03
9.25E-04	5.99E-05	3.37E-04	1.68E-03	0.00E+00	1.68E-03
9.37E-04	6.07E-05	3.74E-04	1.76E-03	0.00E+00	1.76E-03
9.50E-04	6.15E-05	4.15E-04	1.85E-03	0.00E+00	1.85E-03
9.64E-04	6.24E-05	4.62E-04	1.95E-03	0.00E+00	1.95E-03
9.78E-04	6.33E-05	5.13E-04	2.07E-03	0.00E+00	2.07E-03
9.92E-04	6.42E-05	5.70E-04	2.20E-03	0.00E+00	2.20E-03
1.01E-03	6.51E-05	6.32E-04	2.34E-03	0.00E+00	2.34E-03
1.02E-03	6.61E-05	7.01E-04	2.51E-03	0.00E+00	2.51E-03
1.04E-03	6.71E-05	7.72E-04	2.69E-03	0.00E+00	2.69E-03
1.05E-03	6.81E-05	8.48E-04	2.88E-03	0.00E+00	2.88E-03
1.07E-03	6.91E-05	9.27E-04	3.09E-03	0.00E+00	3.09E-03
1.08E-03	7.01E-05	1.01E-03	3.31E-03	0.00E+00	3.31E-03
1.10E-03	7.11E-05	1.09E-03	3.54E-03	0.00E+00	3.54E-03
1.11E-03	7.20E-05	1.17E-03	3.78E-03	0.00E+00	3.78E-03
1.13E-03	7.29E-05	1.25E-03	4.02E-03	0.00E+00	4.02E-03
1.14E-03	7.38E-05	1.32E-03	4.26E-03	0.00E+00	4.26E-03
1.15E-03	7.46E-05	1.39E-03	4.50E-03	0.00E+00	4.50E-03
1.17E-03	7.54E-05	1.45E-03	4.72E-03	0.00E+00	4.72E-03
1.18E-03	7.61E-05	1.50E-03	4.94E-03	0.00E+00	4.94E-03
1.19E-03	7.68E-05	1.56E-03	5.13E-03	0.00E+00	5.13E-03
1.20E-03	7.74E-05	1.60E-03	5.31E-03	0.00E+00	5.31E-03
1.21E-03	7.79E-05	1.63E-03	5.47E-03	0.00E+00	5.47E-03
1.21E-03	7.83E-05	1.66E-03	5.60E-03	0.00E+00	5.60E-03
1.22E-03	7.87E-05	1.69E-03	5.71E-03	0.00E+00	5.71E-03
1.22E-03	7.89E-05	1.70E-03	5.79E-03	0.00E+00	5.79E-03
1.22E-03	7.92E-05	1.72E-03	5.87E-03	0.00E+00	5.87E-03
1.23E-03	7.94E-05	1.73E-03	5.94E-03	0.00E+00	5.94E-03
1.23E-03	7.95E-05	1.74E-03	5.98E-03	0.00E+00	5.98E-03
1.23E-03	7.95E-05	1.74E-03	6.01E-03	0.00E+00	6.01E-03

1.23E-03	7.95E-05	1.74E-03	6.02E-03	0.00E+00	6.02E-03
1.23E-03	7.94E-05	1.74E-03	6.03E-03	0.00E+00	6.03E-03
1.23E-03	7.93E-05	1.74E-03	6.03E-03	0.00E+00	6.03E-03
1.23E-03	7.91E-05	1.73E-03	6.02E-03	0.00E+00	6.02E-03
1.22E-03	7.90E-05	1.72E-03	6.00E-03	0.00E+00	6.00E-03
1.22E-03	7.88E-05	1.72E-03	5.98E-03	0.00E+00	5.98E-03
1.22E-03	7.86E-05	1.71E-03	5.96E-03	0.00E+00	5.96E-03
1.21E-03	7.84E-05	1.70E-03	5.93E-03	0.00E+00	5.93E-03
1.21E-03	7.82E-05	1.69E-03	5.89E-03	0.00E+00	5.89E-03
1.21E-03	7.80E-05	1.68E-03	5.85E-03	0.00E+00	5.85E-03
1.20E-03	7.77E-05	1.67E-03	5.80E-03	0.00E+00	5.80E-03
1.20E-03	7.74E-05	1.65E-03	5.75E-03	0.00E+00	5.75E-03
1.19E-03	7.71E-05	1.64E-03	5.70E-03	0.00E+00	5.70E-03
1.18E-03	7.67E-05	1.62E-03	5.64E-03	0.00E+00	5.64E-03
1.18E-03	7.63E-05	1.61E-03	5.58E-03	0.00E+00	5.58E-03
1.17E-03	7.59E-05	1.59E-03	5.52E-03	0.00E+00	5.52E-03
7.66E-04	4.97E-05	1.35E-04	1.15E-03	0.00E+00	1.15E-03
7.78E-04	5.05E-05	1.38E-04	1.17E-03	0.00E+00	1.17E-03
7.91E-04	5.14E-05	1.42E-04	1.19E-03	0.00E+00	1.19E-03
8.03E-04	5.21E-05	1.46E-04	1.22E-03	0.00E+00	1.22E-03
8.16E-04	5.29E-05	1.51E-04	1.24E-03	0.00E+00	1.24E-03
8.28E-04	5.37E-05	1.57E-04	1.26E-03	0.00E+00	1.26E-03
8.40E-04	5.45E-05	1.64E-04	1.29E-03	0.00E+00	1.29E-03
8.53E-04	5.53E-05	1.72E-04	1.32E-03	0.00E+00	1.32E-03
8.65E-04	5.61E-05	1.81E-04	1.35E-03	0.00E+00	1.35E-03
8.77E-04	5.69E-05	1.92E-04	1.38E-03	0.00E+00	1.38E-03
8.89E-04	5.77E-05	2.05E-04	1.41E-03	0.00E+00	1.41E-03
9.02E-04	5.85E-05	2.20E-04	1.45E-03	0.00E+00	1.45E-03
9.14E-04	5.93E-05	2.38E-04	1.50E-03	0.00E+00	1.50E-03
9.27E-04	6.01E-05	2.60E-04	1.55E-03	0.00E+00	1.55E-03
9.40E-04	6.09E-05	2.85E-04	1.60E-03	0.00E+00	1.60E-03
9.53E-04	6.18E-05	3.14E-04	1.67E-03	0.00E+00	1.67E-03
9.67E-04	6.26E-05	3.49E-04	1.74E-03	0.00E+00	1.74E-03
9.80E-04	6.35E-05	3.87E-04	1.83E-03	0.00E+00	1.83E-03
9.94E-04	6.44E-05	4.32E-04	1.93E-03	0.00E+00	1.93E-03
1.01E-03	6.53E-05	4.82E-04	2.04E-03	0.00E+00	2.04E-03
1.02E-03	6.63E-05	5.38E-04	2.16E-03	0.00E+00	2.16E-03
1.04E-03	6.73E-05	6.00E-04	2.30E-03	0.00E+00	2.30E-03
1.06E-03	6.84E-05	6.69E-04	2.47E-03	0.00E+00	2.47E-03
1.07E-03	6.95E-05	7.43E-04	2.64E-03	0.00E+00	2.64E-03
1.09E-03	7.05E-05	8.22E-04	2.84E-03	0.00E+00	2.84E-03
1.11E-03	7.17E-05	9.06E-04	3.05E-03	0.00E+00	3.05E-03
1.13E-03	7.28E-05	9.94E-04	3.29E-03	0.00E+00	3.29E-03
1.15E-03	7.40E-05	1.08E-03	3.53E-03	0.00E+00	3.53E-03
1.16E-03	7.51E-05	1.17E-03	3.79E-03	0.00E+00	3.79E-03
1.18E-03	7.62E-05	1.26E-03	4.06E-03	0.00E+00	4.06E-03
1.20E-03	7.73E-05	1.34E-03	4.33E-03	0.00E+00	4.33E-03
1.21E-03	7.83E-05	1.42E-03	4.60E-03	0.00E+00	4.60E-03
1.23E-03	7.93E-05	1.50E-03	4.86E-03	0.00E+00	4.86E-03
1.24E-03	8.02E-05	1.56E-03	5.11E-03	0.00E+00	5.11E-03
1.25E-03	8.11E-05	1.63E-03	5.35E-03	0.00E+00	5.35E-03
1.27E-03	8.18E-05	1.68E-03	5.56E-03	0.00E+00	5.56E-03
1.28E-03	8.25E-05	1.72E-03	5.75E-03	0.00E+00	5.75E-03
1.28E-03	8.31E-05	1.76E-03	5.92E-03	0.00E+00	5.92E-03
1.29E-03	8.35E-05	1.79E-03	6.05E-03	0.00E+00	6.05E-03

1.30E-03	8.38E-05	1.81E-03	6.16E-03	0.00E+00	6.16E-03
1.30E-03	8.42E-05	1.83E-03	6.26E-03	0.00E+00	6.26E-03
1.30E-03	8.44E-05	1.84E-03	6.34E-03	0.00E+00	6.34E-03
1.31E-03	8.46E-05	1.85E-03	6.40E-03	0.00E+00	6.40E-03
1.31E-03	8.47E-05	1.86E-03	6.44E-03	0.00E+00	6.44E-03
1.31E-03	8.47E-05	1.86E-03	6.46E-03	0.00E+00	6.46E-03
1.31E-03	8.46E-05	1.86E-03	6.47E-03	0.00E+00	6.47E-03
1.31E-03	8.45E-05	1.85E-03	6.48E-03	0.00E+00	6.48E-03
1.31E-03	8.44E-05	1.85E-03	6.47E-03	0.00E+00	6.47E-03
1.30E-03	8.42E-05	1.84E-03	6.45E-03	0.00E+00	6.45E-03
1.30E-03	8.40E-05	1.84E-03	6.43E-03	0.00E+00	6.43E-03
1.30E-03	8.38E-05	1.83E-03	6.40E-03	0.00E+00	6.40E-03
1.29E-03	8.36E-05	1.82E-03	6.37E-03	0.00E+00	6.37E-03
1.29E-03	8.34E-05	1.80E-03	6.33E-03	0.00E+00	6.33E-03
1.29E-03	8.31E-05	1.79E-03	6.28E-03	0.00E+00	6.28E-03
1.28E-03	8.28E-05	1.78E-03	6.23E-03	0.00E+00	6.23E-03
1.27E-03	8.24E-05	1.76E-03	6.17E-03	0.00E+00	6.17E-03
1.27E-03	8.21E-05	1.75E-03	6.11E-03	0.00E+00	6.11E-03
1.26E-03	8.17E-05	1.73E-03	6.04E-03	0.00E+00	6.04E-03
1.25E-03	8.12E-05	1.71E-03	5.97E-03	0.00E+00	5.97E-03
1.24E-03	8.07E-05	1.69E-03	5.90E-03	0.00E+00	5.90E-03
1.24E-03	8.02E-05	1.67E-03	5.82E-03	0.00E+00	5.82E-03
1.23E-03	7.97E-05	1.65E-03	5.74E-03	0.00E+00	5.74E-03
7.84E-04	5.09E-05	1.38E-04	1.18E-03	0.00E+00	1.18E-03
7.97E-04	5.18E-05	1.41E-04	1.20E-03	0.00E+00	1.20E-03
8.11E-04	5.26E-05	1.45E-04	1.23E-03	0.00E+00	1.23E-03
8.25E-04	5.35E-05	1.49E-04	1.25E-03	0.00E+00	1.25E-03
8.37E-04	5.43E-05	1.53E-04	1.27E-03	0.00E+00	1.27E-03
8.50E-04	5.52E-05	1.58E-04	1.29E-03	0.00E+00	1.29E-03
8.64E-04	5.60E-05	1.64E-04	1.32E-03	0.00E+00	1.32E-03
8.77E-04	5.69E-05	1.70E-04	1.35E-03	0.00E+00	1.35E-03
8.90E-04	5.77E-05	1.78E-04	1.37E-03	0.00E+00	1.37E-03
9.03E-04	5.86E-05	1.88E-04	1.41E-03	0.00E+00	1.41E-03
9.16E-04	5.94E-05	1.99E-04	1.44E-03	0.00E+00	1.44E-03
9.28E-04	6.02E-05	2.11E-04	1.47E-03	0.00E+00	1.47E-03
9.42E-04	6.11E-05	2.27E-04	1.52E-03	0.00E+00	1.52E-03
9.55E-04	6.19E-05	2.46E-04	1.56E-03	0.00E+00	1.56E-03
9.68E-04	6.28E-05	2.68E-04	1.61E-03	0.00E+00	1.61E-03
9.82E-04	6.36E-05	2.94E-04	1.67E-03	0.00E+00	1.67E-03
9.96E-04	6.46E-05	3.24E-04	1.74E-03	0.00E+00	1.74E-03
1.01E-03	6.55E-05	3.60E-04	1.82E-03	0.00E+00	1.82E-03
1.03E-03	6.64E-05	4.01E-04	1.91E-03	0.00E+00	1.91E-03
1.04E-03	6.74E-05	4.49E-04	2.01E-03	0.00E+00	2.01E-03
1.06E-03	6.84E-05	5.03E-04	2.13E-03	0.00E+00	2.13E-03
1.07E-03	6.95E-05	5.64E-04	2.26E-03	0.00E+00	2.26E-03
1.09E-03	7.07E-05	6.33E-04	2.42E-03	0.00E+00	2.42E-03
1.11E-03	7.19E-05	7.09E-04	2.60E-03	0.00E+00	2.60E-03
1.13E-03	7.31E-05	7.90E-04	2.79E-03	0.00E+00	2.79E-03
1.15E-03	7.44E-05	8.78E-04	3.00E-03	0.00E+00	3.00E-03
1.17E-03	7.57E-05	9.71E-04	3.24E-03	0.00E+00	3.24E-03
1.19E-03	7.70E-05	1.07E-03	3.50E-03	0.00E+00	3.50E-03
1.21E-03	7.83E-05	1.17E-03	3.78E-03	0.00E+00	3.78E-03
1.23E-03	7.96E-05	1.27E-03	4.06E-03	0.00E+00	4.06E-03
1.25E-03	8.09E-05	1.36E-03	4.36E-03	0.00E+00	4.36E-03
1.27E-03	8.22E-05	1.46E-03	4.67E-03	0.00E+00	4.67E-03

1.29E-03	8.34E-05	1.54E-03	4.97E-03	0.00E+00	4.97E-03
1.31E-03	8.45E-05	1.62E-03	5.26E-03	0.00E+00	5.26E-03
1.32E-03	8.56E-05	1.70E-03	5.54E-03	0.00E+00	5.54E-03
1.34E-03	8.66E-05	1.76E-03	5.80E-03	0.00E+00	5.80E-03
1.35E-03	8.75E-05	1.82E-03	6.05E-03	0.00E+00	6.05E-03
1.36E-03	8.82E-05	1.86E-03	6.25E-03	0.00E+00	6.25E-03
1.37E-03	8.88E-05	1.90E-03	6.42E-03	0.00E+00	6.42E-03
1.38E-03	8.92E-05	1.92E-03	6.56E-03	0.00E+00	6.56E-03
1.38E-03	8.97E-05	1.95E-03	6.68E-03	0.00E+00	6.68E-03
1.39E-03	9.00E-05	1.96E-03	6.78E-03	0.00E+00	6.78E-03
1.39E-03	9.02E-05	1.98E-03	6.86E-03	0.00E+00	6.86E-03
1.40E-03	9.04E-05	1.98E-03	6.91E-03	0.00E+00	6.91E-03
1.40E-03	9.04E-05	1.99E-03	6.95E-03	0.00E+00	6.95E-03
1.40E-03	9.04E-05	1.99E-03	6.97E-03	0.00E+00	6.97E-03
1.40E-03	9.03E-05	1.99E-03	6.98E-03	0.00E+00	6.98E-03
1.40E-03	9.02E-05	1.98E-03	6.97E-03	0.00E+00	6.97E-03
1.39E-03	9.01E-05	1.97E-03	6.96E-03	0.00E+00	6.96E-03
1.39E-03	8.99E-05	1.97E-03	6.93E-03	0.00E+00	6.93E-03
1.39E-03	8.97E-05	1.96E-03	6.90E-03	0.00E+00	6.90E-03
1.38E-03	8.94E-05	1.95E-03	6.86E-03	0.00E+00	6.86E-03
1.38E-03	8.91E-05	1.93E-03	6.82E-03	0.00E+00	6.82E-03
1.37E-03	8.88E-05	1.92E-03	6.76E-03	0.00E+00	6.76E-03
1.37E-03	8.85E-05	1.90E-03	6.70E-03	0.00E+00	6.70E-03
1.36E-03	8.81E-05	1.89E-03	6.64E-03	0.00E+00	6.64E-03
1.35E-03	8.76E-05	1.87E-03	6.57E-03	0.00E+00	6.57E-03
1.34E-03	8.72E-05	1.85E-03	6.49E-03	0.00E+00	6.49E-03
1.34E-03	8.67E-05	1.83E-03	6.41E-03	0.00E+00	6.41E-03
1.33E-03	8.61E-05	1.81E-03	6.32E-03	0.00E+00	6.32E-03
1.32E-03	8.55E-05	1.78E-03	6.23E-03	0.00E+00	6.23E-03
1.31E-03	8.49E-05	1.76E-03	6.14E-03	0.00E+00	6.14E-03
1.29E-03	8.42E-05	1.73E-03	6.04E-03	0.00E+00	6.04E-03
1.28E-03	8.35E-05	1.71E-03	5.94E-03	0.00E+00	5.94E-03
8.17E-04	5.31E-05	1.46E-04	1.24E-03	0.00E+00	1.24E-03
8.32E-04	5.40E-05	1.49E-04	1.26E-03	0.00E+00	1.26E-03
8.47E-04	5.50E-05	1.52E-04	1.29E-03	0.00E+00	1.29E-03
8.61E-04	5.59E-05	1.56E-04	1.31E-03	0.00E+00	1.31E-03
8.74E-04	5.68E-05	1.60E-04	1.33E-03	0.00E+00	1.33E-03
8.88E-04	5.76E-05	1.65E-04	1.36E-03	0.00E+00	1.36E-03
9.02E-04	5.85E-05	1.71E-04	1.38E-03	0.00E+00	1.38E-03
9.16E-04	5.94E-05	1.78E-04	1.41E-03	0.00E+00	1.41E-03
9.29E-04	6.03E-05	1.85E-04	1.44E-03	0.00E+00	1.44E-03
9.43E-04	6.12E-05	1.94E-04	1.47E-03	0.00E+00	1.47E-03
9.57E-04	6.21E-05	2.05E-04	1.50E-03	0.00E+00	1.50E-03
9.70E-04	6.29E-05	2.18E-04	1.54E-03	0.00E+00	1.54E-03
9.84E-04	6.38E-05	2.34E-04	1.58E-03	0.00E+00	1.58E-03
9.98E-04	6.47E-05	2.53E-04	1.63E-03	0.00E+00	1.63E-03
1.01E-03	6.57E-05	2.75E-04	1.68E-03	0.00E+00	1.68E-03
1.03E-03	6.66E-05	3.02E-04	1.75E-03	0.00E+00	1.75E-03
1.04E-03	6.76E-05	3.34E-04	1.82E-03	0.00E+00	1.82E-03
1.06E-03	6.85E-05	3.71E-04	1.90E-03	0.00E+00	1.90E-03
1.07E-03	6.96E-05	4.15E-04	1.99E-03	0.00E+00	1.99E-03
1.09E-03	7.06E-05	4.66E-04	2.10E-03	0.00E+00	2.10E-03
1.11E-03	7.18E-05	5.25E-04	2.23E-03	0.00E+00	2.23E-03
1.13E-03	7.31E-05	5.93E-04	2.38E-03	0.00E+00	2.38E-03
1.15E-03	7.44E-05	6.69E-04	2.55E-03	0.00E+00	2.55E-03

1.17E-03	7.57E-05	7.51E-04	2.73E-03	0.00E+00	2.73E-03
1.19E-03	7.71E-05	8.41E-04	2.95E-03	0.00E+00	2.95E-03
1.22E-03	7.86E-05	9.39E-04	3.19E-03	0.00E+00	3.19E-03
1.24E-03	8.01E-05	1.04E-03	3.45E-03	0.00E+00	3.45E-03
1.26E-03	8.16E-05	1.15E-03	3.74E-03	0.00E+00	3.74E-03
1.29E-03	8.31E-05	1.26E-03	4.05E-03	0.00E+00	4.05E-03
1.31E-03	8.46E-05	1.37E-03	4.37E-03	0.00E+00	4.37E-03
1.33E-03	8.61E-05	1.48E-03	4.71E-03	0.00E+00	4.71E-03
1.35E-03	8.76E-05	1.58E-03	5.05E-03	0.00E+00	5.05E-03
1.37E-03	8.90E-05	1.68E-03	5.39E-03	0.00E+00	5.39E-03
1.39E-03	9.03E-05	1.76E-03	5.72E-03	0.00E+00	5.72E-03
1.41E-03	9.16E-05	1.84E-03	6.04E-03	0.00E+00	6.04E-03
1.43E-03	9.27E-05	1.91E-03	6.33E-03	0.00E+00	6.33E-03
1.45E-03	9.38E-05	1.97E-03	6.59E-03	0.00E+00	6.59E-03
1.46E-03	9.46E-05	2.01E-03	6.81E-03	0.00E+00	6.81E-03
1.47E-03	9.52E-05	2.05E-03	6.99E-03	0.00E+00	6.99E-03
1.48E-03	9.57E-05	2.08E-03	7.14E-03	0.00E+00	7.14E-03
1.48E-03	9.62E-05	2.10E-03	7.28E-03	0.00E+00	7.28E-03
1.49E-03	9.65E-05	2.11E-03	7.37E-03	0.00E+00	7.37E-03
1.49E-03	9.67E-05	2.13E-03	7.45E-03	0.00E+00	7.45E-03
1.49E-03	9.68E-05	2.13E-03	7.50E-03	0.00E+00	7.50E-03
1.49E-03	9.68E-05	2.13E-03	7.53E-03	0.00E+00	7.53E-03
1.50E-03	9.68E-05	2.13E-03	7.54E-03	0.00E+00	7.54E-03
1.49E-03	9.67E-05	2.13E-03	7.55E-03	0.00E+00	7.55E-03
1.49E-03	9.66E-05	2.12E-03	7.53E-03	0.00E+00	7.53E-03
1.49E-03	9.64E-05	2.11E-03	7.51E-03	0.00E+00	7.51E-03
1.49E-03	9.62E-05	2.10E-03	7.47E-03	0.00E+00	7.47E-03
1.48E-03	9.59E-05	2.09E-03	7.43E-03	0.00E+00	7.43E-03
1.48E-03	9.56E-05	2.08E-03	7.37E-03	0.00E+00	7.37E-03
1.47E-03	9.53E-05	2.06E-03	7.31E-03	0.00E+00	7.31E-03
1.46E-03	9.48E-05	2.04E-03	7.24E-03	0.00E+00	7.24E-03
1.46E-03	9.44E-05	2.02E-03	7.16E-03	0.00E+00	7.16E-03
1.45E-03	9.39E-05	2.00E-03	7.08E-03	0.00E+00	7.08E-03
1.44E-03	9.33E-05	1.98E-03	6.99E-03	0.00E+00	6.99E-03
1.43E-03	9.27E-05	1.96E-03	6.90E-03	0.00E+00	6.90E-03
1.42E-03	9.21E-05	1.93E-03	6.80E-03	0.00E+00	6.80E-03
1.40E-03	9.14E-05	1.90E-03	6.69E-03	0.00E+00	6.69E-03
1.39E-03	9.06E-05	1.88E-03	6.58E-03	0.00E+00	6.58E-03
1.38E-03	8.98E-05	1.85E-03	6.47E-03	0.00E+00	6.47E-03
1.37E-03	8.90E-05	1.82E-03	6.35E-03	0.00E+00	6.35E-03
1.35E-03	8.81E-05	1.79E-03	6.23E-03	0.00E+00	6.23E-03
8.37E-04	5.44E-05	1.51E-04	1.28E-03	0.00E+00	1.28E-03
8.53E-04	5.54E-05	1.54E-04	1.30E-03	0.00E+00	1.30E-03
8.69E-04	5.65E-05	1.58E-04	1.33E-03	0.00E+00	1.33E-03
8.84E-04	5.74E-05	1.61E-04	1.35E-03	0.00E+00	1.35E-03
8.99E-04	5.84E-05	1.64E-04	1.37E-03	0.00E+00	1.37E-03
9.14E-04	5.94E-05	1.69E-04	1.40E-03	0.00E+00	1.40E-03
9.29E-04	6.03E-05	1.73E-04	1.43E-03	0.00E+00	1.43E-03
9.43E-04	6.12E-05	1.79E-04	1.45E-03	0.00E+00	1.45E-03
9.58E-04	6.22E-05	1.86E-04	1.48E-03	0.00E+00	1.48E-03
9.72E-04	6.31E-05	1.94E-04	1.51E-03	0.00E+00	1.51E-03
9.87E-04	6.40E-05	2.03E-04	1.54E-03	0.00E+00	1.54E-03
1.00E-03	6.50E-05	2.13E-04	1.58E-03	0.00E+00	1.58E-03
1.02E-03	6.59E-05	2.26E-04	1.62E-03	0.00E+00	1.62E-03
1.03E-03	6.68E-05	2.42E-04	1.66E-03	0.00E+00	1.66E-03

1.05E-03	6.78E-05	2.61E-04	1.71E-03	0.00E+00	1.71E-03
1.06E-03	6.88E-05	2.84E-04	1.76E-03	0.00E+00	1.76E-03
1.08E-03	6.98E-05	3.12E-04	1.83E-03	0.00E+00	1.83E-03
1.09E-03	7.08E-05	3.45E-04	1.90E-03	0.00E+00	1.90E-03
1.11E-03	7.18E-05	3.84E-04	1.98E-03	0.00E+00	1.98E-03
1.13E-03	7.30E-05	4.30E-04	2.08E-03	0.00E+00	2.08E-03
1.15E-03	7.42E-05	4.85E-04	2.20E-03	0.00E+00	2.20E-03
1.17E-03	7.55E-05	5.50E-04	2.34E-03	0.00E+00	2.34E-03
1.19E-03	7.69E-05	6.23E-04	2.50E-03	0.00E+00	2.50E-03
1.21E-03	7.84E-05	7.06E-04	2.68E-03	0.00E+00	2.68E-03
1.24E-03	7.99E-05	7.97E-04	2.89E-03	0.00E+00	2.89E-03
1.26E-03	8.15E-05	8.98E-04	3.12E-03	0.00E+00	3.12E-03
1.29E-03	8.32E-05	1.01E-03	3.39E-03	0.00E+00	3.39E-03
1.31E-03	8.49E-05	1.12E-03	3.68E-03	0.00E+00	3.68E-03
1.34E-03	8.67E-05	1.25E-03	4.01E-03	0.00E+00	4.01E-03
1.37E-03	8.84E-05	1.37E-03	4.35E-03	0.00E+00	4.35E-03
1.39E-03	9.02E-05	1.49E-03	4.72E-03	0.00E+00	4.72E-03
1.42E-03	9.20E-05	1.61E-03	5.10E-03	0.00E+00	5.10E-03
1.45E-03	9.37E-05	1.72E-03	5.49E-03	0.00E+00	5.49E-03
1.47E-03	9.54E-05	1.83E-03	5.88E-03	0.00E+00	5.88E-03
1.49E-03	9.70E-05	1.92E-03	6.25E-03	0.00E+00	6.25E-03
1.51E-03	9.84E-05	2.01E-03	6.60E-03	0.00E+00	6.60E-03
1.53E-03	9.97E-05	2.08E-03	6.92E-03	0.00E+00	6.92E-03
1.55E-03	1.01E-04	2.14E-03	7.21E-03	0.00E+00	7.21E-03
1.57E-03	1.02E-04	2.18E-03	7.45E-03	0.00E+00	7.45E-03
1.58E-03	1.02E-04	2.22E-03	7.65E-03	0.00E+00	7.65E-03
1.59E-03	1.03E-04	2.25E-03	7.82E-03	0.00E+00	7.82E-03
1.60E-03	1.04E-04	2.27E-03	7.95E-03	0.00E+00	7.95E-03
1.60E-03	1.04E-04	2.28E-03	8.05E-03	0.00E+00	8.05E-03
1.60E-03	1.04E-04	2.29E-03	8.12E-03	0.00E+00	8.12E-03
1.60E-03	1.04E-04	2.29E-03	8.16E-03	0.00E+00	8.16E-03
1.61E-03	1.04E-04	2.29E-03	8.18E-03	0.00E+00	8.18E-03
1.61E-03	1.04E-04	2.29E-03	8.19E-03	0.00E+00	8.19E-03
1.61E-03	1.04E-04	2.29E-03	8.18E-03	0.00E+00	8.18E-03
1.60E-03	1.04E-04	2.28E-03	8.16E-03	0.00E+00	8.16E-03
1.60E-03	1.04E-04	2.27E-03	8.12E-03	0.00E+00	8.12E-03
1.59E-03	1.03E-04	2.25E-03	8.07E-03	0.00E+00	8.07E-03
1.59E-03	1.03E-04	2.24E-03	8.01E-03	0.00E+00	8.01E-03
1.58E-03	1.03E-04	2.22E-03	7.94E-03	0.00E+00	7.94E-03
1.57E-03	1.02E-04	2.20E-03	7.85E-03	0.00E+00	7.85E-03
1.56E-03	1.02E-04	2.18E-03	7.76E-03	0.00E+00	7.76E-03
1.55E-03	1.01E-04	2.15E-03	7.66E-03	0.00E+00	7.66E-03
1.54E-03	1.00E-04	2.13E-03	7.56E-03	0.00E+00	7.56E-03
1.53E-03	9.95E-05	2.10E-03	7.44E-03	0.00E+00	7.44E-03
1.52E-03	9.87E-05	2.07E-03	7.33E-03	0.00E+00	7.33E-03
1.50E-03	9.79E-05	2.04E-03	7.20E-03	0.00E+00	7.20E-03
1.49E-03	9.70E-05	2.01E-03	7.07E-03	0.00E+00	7.07E-03
1.47E-03	9.60E-05	1.97E-03	6.94E-03	0.00E+00	6.94E-03
1.46E-03	9.51E-05	1.94E-03	6.81E-03	0.00E+00	6.81E-03
1.44E-03	9.40E-05	1.90E-03	6.67E-03	0.00E+00	6.67E-03
1.42E-03	9.30E-05	1.87E-03	6.53E-03	0.00E+00	6.53E-03
1.41E-03	9.19E-05	1.83E-03	6.39E-03	0.00E+00	6.39E-03
8.76E-04	5.69E-05	1.61E-04	1.34E-03	0.00E+00	1.34E-03
8.93E-04	5.80E-05	1.63E-04	1.37E-03	0.00E+00	1.37E-03
9.09E-04	5.90E-05	1.67E-04	1.39E-03	0.00E+00	1.39E-03

9.25E-04	6.01E-05	1.70E-04	1.42E-03	0.00E+00	1.42E-03
9.41E-04	6.11E-05	1.74E-04	1.45E-03	0.00E+00	1.45E-03
9.57E-04	6.22E-05	1.78E-04	1.47E-03	0.00E+00	1.47E-03
9.73E-04	6.32E-05	1.83E-04	1.50E-03	0.00E+00	1.50E-03
9.89E-04	6.42E-05	1.89E-04	1.53E-03	0.00E+00	1.53E-03
1.00E-03	6.52E-05	1.95E-04	1.56E-03	0.00E+00	1.56E-03
1.02E-03	6.61E-05	2.03E-04	1.59E-03	0.00E+00	1.59E-03
1.03E-03	6.71E-05	2.12E-04	1.62E-03	0.00E+00	1.62E-03
1.05E-03	6.81E-05	2.23E-04	1.66E-03	0.00E+00	1.66E-03
1.06E-03	6.91E-05	2.35E-04	1.70E-03	0.00E+00	1.70E-03
1.08E-03	7.00E-05	2.51E-04	1.74E-03	0.00E+00	1.74E-03
1.10E-03	7.11E-05	2.70E-04	1.79E-03	0.00E+00	1.79E-03
1.11E-03	7.21E-05	2.93E-04	1.85E-03	0.00E+00	1.85E-03
1.13E-03	7.32E-05	3.22E-04	1.91E-03	0.00E+00	1.91E-03
1.15E-03	7.42E-05	3.55E-04	1.99E-03	0.00E+00	1.99E-03
1.17E-03	7.54E-05	3.97E-04	2.08E-03	0.00E+00	2.08E-03
1.19E-03	7.67E-05	4.46E-04	2.18E-03	0.00E+00	2.18E-03
1.21E-03	7.80E-05	5.05E-04	2.31E-03	0.00E+00	2.31E-03
1.23E-03	7.95E-05	5.76E-04	2.46E-03	0.00E+00	2.46E-03
1.25E-03	8.11E-05	6.55E-04	2.63E-03	0.00E+00	2.63E-03
1.28E-03	8.27E-05	7.46E-04	2.82E-03	0.00E+00	2.82E-03
1.31E-03	8.44E-05	8.48E-04	3.05E-03	0.00E+00	3.05E-03
1.33E-03	8.62E-05	9.60E-04	3.31E-03	0.00E+00	3.31E-03
1.36E-03	8.81E-05	1.08E-03	3.60E-03	0.00E+00	3.60E-03
1.39E-03	9.01E-05	1.21E-03	3.93E-03	0.00E+00	3.93E-03
1.43E-03	9.22E-05	1.35E-03	4.30E-03	0.00E+00	4.30E-03
1.46E-03	9.43E-05	1.49E-03	4.70E-03	0.00E+00	4.70E-03
1.49E-03	9.64E-05	1.63E-03	5.11E-03	0.00E+00	5.11E-03
1.52E-03	9.85E-05	1.76E-03	5.55E-03	0.00E+00	5.55E-03
1.55E-03	1.01E-04	1.89E-03	6.00E-03	0.00E+00	6.00E-03
1.58E-03	1.03E-04	2.00E-03	6.44E-03	0.00E+00	6.44E-03
1.61E-03	1.04E-04	2.11E-03	6.87E-03	0.00E+00	6.87E-03
1.63E-03	1.06E-04	2.19E-03	7.26E-03	0.00E+00	7.26E-03
1.65E-03	1.08E-04	2.27E-03	7.61E-03	0.00E+00	7.61E-03
1.67E-03	1.09E-04	2.33E-03	7.93E-03	0.00E+00	7.93E-03
1.69E-03	1.10E-04	2.38E-03	8.19E-03	0.00E+00	8.19E-03
1.70E-03	1.11E-04	2.41E-03	8.41E-03	0.00E+00	8.41E-03
1.71E-03	1.12E-04	2.44E-03	8.59E-03	0.00E+00	8.59E-03
1.72E-03	1.12E-04	2.46E-03	8.73E-03	0.00E+00	8.73E-03
1.73E-03	1.12E-04	2.47E-03	8.83E-03	0.00E+00	8.83E-03
1.73E-03	1.12E-04	2.48E-03	8.89E-03	0.00E+00	8.89E-03
1.73E-03	1.12E-04	2.48E-03	8.92E-03	0.00E+00	8.92E-03
1.73E-03	1.12E-04	2.48E-03	8.94E-03	0.00E+00	8.94E-03
1.73E-03	1.12E-04	2.47E-03	8.93E-03	0.00E+00	8.93E-03
1.73E-03	1.12E-04	2.46E-03	8.91E-03	0.00E+00	8.91E-03
1.73E-03	1.12E-04	2.45E-03	8.87E-03	0.00E+00	8.87E-03
1.72E-03	1.12E-04	2.44E-03	8.81E-03	0.00E+00	8.81E-03
1.72E-03	1.11E-04	2.42E-03	8.74E-03	0.00E+00	8.74E-03
1.71E-03	1.11E-04	2.40E-03	8.65E-03	0.00E+00	8.65E-03
1.70E-03	1.10E-04	2.38E-03	8.56E-03	0.00E+00	8.56E-03
1.69E-03	1.10E-04	2.35E-03	8.45E-03	0.00E+00	8.45E-03
1.67E-03	1.09E-04	2.32E-03	8.33E-03	0.00E+00	8.33E-03
1.66E-03	1.08E-04	2.29E-03	8.20E-03	0.00E+00	8.20E-03
1.65E-03	1.07E-04	2.26E-03	8.07E-03	0.00E+00	8.07E-03
1.63E-03	1.06E-04	2.23E-03	7.92E-03	0.00E+00	7.92E-03

1.61E-03	1.05E-04	2.19E-03	7.78E-03	0.00E+00	7.78E-03
1.60E-03	1.04E-04	2.15E-03	7.62E-03	0.00E+00	7.62E-03
1.58E-03	1.03E-04	2.11E-03	7.47E-03	0.00E+00	7.47E-03
1.56E-03	1.02E-04	2.07E-03	7.31E-03	0.00E+00	7.31E-03
1.54E-03	1.01E-04	2.03E-03	7.15E-03	0.00E+00	7.15E-03
1.52E-03	9.94E-05	1.99E-03	6.99E-03	0.00E+00	6.99E-03
1.50E-03	9.81E-05	1.95E-03	6.83E-03	0.00E+00	6.83E-03
1.48E-03	9.68E-05	1.90E-03	6.66E-03	0.00E+00	6.66E-03
1.46E-03	9.55E-05	1.86E-03	6.50E-03	0.00E+00	6.50E-03
8.98E-04	5.83E-05	1.67E-04	1.38E-03	0.00E+00	1.38E-03
9.16E-04	5.95E-05	1.71E-04	1.41E-03	0.00E+00	1.41E-03
9.35E-04	6.08E-05	1.74E-04	1.44E-03	0.00E+00	1.44E-03
9.52E-04	6.19E-05	1.77E-04	1.47E-03	0.00E+00	1.47E-03
9.70E-04	6.30E-05	1.81E-04	1.50E-03	0.00E+00	1.50E-03
9.87E-04	6.41E-05	1.85E-04	1.52E-03	0.00E+00	1.52E-03
1.00E-03	6.52E-05	1.89E-04	1.55E-03	0.00E+00	1.55E-03
1.02E-03	6.63E-05	1.94E-04	1.58E-03	0.00E+00	1.58E-03
1.04E-03	6.74E-05	1.99E-04	1.61E-03	0.00E+00	1.61E-03
1.05E-03	6.84E-05	2.06E-04	1.65E-03	0.00E+00	1.65E-03
1.07E-03	6.95E-05	2.14E-04	1.68E-03	0.00E+00	1.68E-03
1.09E-03	7.04E-05	2.22E-04	1.71E-03	0.00E+00	1.71E-03
1.10E-03	7.15E-05	2.33E-04	1.75E-03	0.00E+00	1.75E-03
1.12E-03	7.25E-05	2.46E-04	1.79E-03	0.00E+00	1.79E-03
1.13E-03	7.35E-05	2.61E-04	1.83E-03	0.00E+00	1.83E-03
1.15E-03	7.46E-05	2.80E-04	1.89E-03	0.00E+00	1.89E-03
1.17E-03	7.57E-05	3.03E-04	1.94E-03	0.00E+00	1.94E-03
1.19E-03	7.68E-05	3.31E-04	2.01E-03	0.00E+00	2.01E-03
1.21E-03	7.80E-05	3.67E-04	2.09E-03	0.00E+00	2.09E-03
1.23E-03	7.93E-05	4.10E-04	2.18E-03	0.00E+00	2.18E-03
1.25E-03	8.07E-05	4.62E-04	2.29E-03	0.00E+00	2.29E-03
1.27E-03	8.23E-05	5.26E-04	2.43E-03	0.00E+00	2.43E-03
1.30E-03	8.38E-05	6.01E-04	2.58E-03	0.00E+00	2.58E-03
1.32E-03	8.56E-05	6.90E-04	2.77E-03	0.00E+00	2.77E-03
1.35E-03	8.74E-05	7.90E-04	2.98E-03	0.00E+00	2.98E-03
1.38E-03	8.94E-05	9.04E-04	3.23E-03	0.00E+00	3.23E-03
1.42E-03	9.15E-05	1.03E-03	3.52E-03	0.00E+00	3.52E-03
1.45E-03	9.36E-05	1.17E-03	3.84E-03	0.00E+00	3.84E-03
1.48E-03	9.60E-05	1.31E-03	4.21E-03	0.00E+00	4.21E-03
1.52E-03	9.84E-05	1.47E-03	4.63E-03	0.00E+00	4.63E-03
1.56E-03	1.01E-04	1.63E-03	5.08E-03	0.00E+00	5.08E-03
1.59E-03	1.03E-04	1.78E-03	5.56E-03	0.00E+00	5.56E-03
1.63E-03	1.06E-04	1.94E-03	6.07E-03	0.00E+00	6.07E-03
1.67E-03	1.09E-04	2.08E-03	6.59E-03	0.00E+00	6.59E-03
1.70E-03	1.11E-04	2.20E-03	7.10E-03	0.00E+00	7.10E-03
1.74E-03	1.13E-04	2.31E-03	7.58E-03	0.00E+00	7.58E-03
1.77E-03	1.15E-04	2.41E-03	8.03E-03	0.00E+00	8.03E-03
1.79E-03	1.17E-04	2.48E-03	8.43E-03	0.00E+00	8.43E-03
1.81E-03	1.18E-04	2.55E-03	8.77E-03	0.00E+00	8.77E-03
1.83E-03	1.20E-04	2.60E-03	9.07E-03	0.00E+00	9.07E-03
1.85E-03	1.21E-04	2.63E-03	9.31E-03	0.00E+00	9.31E-03
1.86E-03	1.21E-04	2.66E-03	9.49E-03	0.00E+00	9.49E-03
1.87E-03	1.22E-04	2.68E-03	9.63E-03	0.00E+00	9.63E-03
1.87E-03	1.22E-04	2.69E-03	9.72E-03	0.00E+00	9.72E-03
1.88E-03	1.22E-04	2.69E-03	9.78E-03	0.00E+00	9.78E-03
1.88E-03	1.22E-04	2.69E-03	9.80E-03	0.00E+00	9.80E-03



1.88E-03	1.22E-04	2.68E-03	9.80E-03	0.00E+00	9.80E-03
1.88E-03	1.22E-04	2.67E-03	9.78E-03	0.00E+00	9.78E-03
1.87E-03	1.22E-04	2.66E-03	9.73E-03	0.00E+00	9.73E-03
1.87E-03	1.21E-04	2.64E-03	9.66E-03	0.00E+00	9.66E-03
1.86E-03	1.21E-04	2.62E-03	9.58E-03	0.00E+00	9.58E-03
1.85E-03	1.20E-04	2.60E-03	9.48E-03	0.00E+00	9.48E-03
1.84E-03	1.20E-04	2.58E-03	9.36E-03	0.00E+00	9.36E-03
1.83E-03	1.19E-04	2.55E-03	9.23E-03	0.00E+00	9.23E-03
1.81E-03	1.18E-04	2.51E-03	9.09E-03	0.00E+00	9.09E-03
1.80E-03	1.17E-04	2.48E-03	8.94E-03	0.00E+00	8.94E-03
1.78E-03	1.16E-04	2.44E-03	8.77E-03	0.00E+00	8.77E-03
1.76E-03	1.15E-04	2.40E-03	8.60E-03	0.00E+00	8.60E-03
1.74E-03	1.13E-04	2.36E-03	8.43E-03	0.00E+00	8.43E-03
1.72E-03	1.12E-04	2.31E-03	8.24E-03	0.00E+00	8.24E-03
1.70E-03	1.11E-04	2.27E-03	8.06E-03	0.00E+00	8.06E-03
1.67E-03	1.09E-04	2.22E-03	7.87E-03	0.00E+00	7.87E-03
1.65E-03	1.08E-04	2.17E-03	7.69E-03	0.00E+00	7.69E-03
1.63E-03	1.06E-04	2.12E-03	7.50E-03	0.00E+00	7.50E-03
1.60E-03	1.05E-04	2.07E-03	7.31E-03	0.00E+00	7.31E-03
1.58E-03	1.03E-04	2.03E-03	7.12E-03	0.00E+00	7.12E-03
1.56E-03	1.02E-04	1.97E-03	6.93E-03	0.00E+00	6.93E-03
1.53E-03	1.00E-04	1.93E-03	6.75E-03	0.00E+00	6.75E-03
9.40E-04	6.11E-05	1.78E-04	1.46E-03	0.00E+00	1.46E-03
9.60E-04	6.24E-05	1.82E-04	1.49E-03	0.00E+00	1.49E-03
9.80E-04	6.37E-05	1.85E-04	1.52E-03	0.00E+00	1.52E-03
1.00E-03	6.50E-05	1.89E-04	1.55E-03	0.00E+00	1.55E-03
1.02E-03	6.62E-05	1.92E-04	1.58E-03	0.00E+00	1.58E-03
1.04E-03	6.74E-05	1.97E-04	1.61E-03	0.00E+00	1.61E-03
1.05E-03	6.85E-05	2.01E-04	1.64E-03	0.00E+00	1.64E-03
1.07E-03	6.97E-05	2.06E-04	1.68E-03	0.00E+00	1.68E-03
1.09E-03	7.09E-05	2.12E-04	1.71E-03	0.00E+00	1.71E-03
1.11E-03	7.19E-05	2.18E-04	1.74E-03	0.00E+00	1.74E-03
1.12E-03	7.30E-05	2.26E-04	1.77E-03	0.00E+00	1.77E-03
1.14E-03	7.41E-05	2.34E-04	1.81E-03	0.00E+00	1.81E-03
1.16E-03	7.51E-05	2.45E-04	1.85E-03	0.00E+00	1.85E-03
1.17E-03	7.62E-05	2.57E-04	1.89E-03	0.00E+00	1.89E-03
1.19E-03	7.73E-05	2.73E-04	1.94E-03	0.00E+00	1.94E-03
1.21E-03	7.84E-05	2.92E-04	1.99E-03	0.00E+00	1.99E-03
1.23E-03	7.96E-05	3.15E-04	2.05E-03	0.00E+00	2.05E-03
1.25E-03	8.08E-05	3.43E-04	2.12E-03	0.00E+00	2.12E-03
1.27E-03	8.21E-05	3.79E-04	2.20E-03	0.00E+00	2.20E-03
1.29E-03	8.35E-05	4.25E-04	2.30E-03	0.00E+00	2.30E-03
1.32E-03	8.51E-05	4.81E-04	2.42E-03	0.00E+00	2.42E-03
1.34E-03	8.68E-05	5.48E-04	2.56E-03	0.00E+00	2.56E-03
1.37E-03	8.85E-05	6.29E-04	2.72E-03	0.00E+00	2.72E-03
1.40E-03	9.05E-05	7.25E-04	2.92E-03	0.00E+00	2.92E-03
1.43E-03	9.26E-05	8.37E-04	3.16E-03	0.00E+00	3.16E-03
1.47E-03	9.48E-05	9.63E-04	3.43E-03	0.00E+00	3.43E-03
1.50E-03	9.72E-05	1.10E-03	3.74E-03	0.00E+00	3.74E-03
1.54E-03	9.97E-05	1.26E-03	4.11E-03	0.00E+00	4.11E-03
1.58E-03	1.02E-04	1.43E-03	4.52E-03	0.00E+00	4.52E-03
1.63E-03	1.05E-04	1.61E-03	5.00E-03	0.00E+00	5.00E-03
1.67E-03	1.08E-04	1.79E-03	5.52E-03	0.00E+00	5.52E-03
1.71E-03	1.11E-04	1.97E-03	6.08E-03	0.00E+00	6.08E-03
1.76E-03	1.15E-04	2.14E-03	6.67E-03	0.00E+00	6.67E-03

1.80E-03	1.18E-04	2.29E-03	7.27E-03	0.00E+00	7.27E-03
1.85E-03	1.20E-04	2.43E-03	7.86E-03	0.00E+00	7.86E-03
1.89E-03	1.23E-04	2.55E-03	8.42E-03	0.00E+00	8.42E-03
1.92E-03	1.26E-04	2.65E-03	8.94E-03	0.00E+00	8.94E-03
1.95E-03	1.28E-04	2.73E-03	9.39E-03	0.00E+00	9.39E-03
1.98E-03	1.29E-04	2.80E-03	9.78E-03	0.00E+00	9.78E-03
2.00E-03	1.31E-04	2.85E-03	1.01E-02	0.00E+00	1.01E-02
2.02E-03	1.32E-04	2.88E-03	1.04E-02	0.00E+00	1.04E-02
2.03E-03	1.33E-04	2.91E-03	1.06E-02	0.00E+00	1.06E-02
2.04E-03	1.33E-04	2.92E-03	1.07E-02	0.00E+00	1.07E-02
2.05E-03	1.33E-04	2.93E-03	1.08E-02	0.00E+00	1.08E-02
2.05E-03	1.33E-04	2.93E-03	1.08E-02	0.00E+00	1.08E-02
2.05E-03	1.33E-04	2.92E-03	1.08E-02	0.00E+00	1.08E-02
2.05E-03	1.33E-04	2.91E-03	1.08E-02	0.00E+00	1.08E-02
2.05E-03	1.33E-04	2.90E-03	1.07E-02	0.00E+00	1.07E-02
2.04E-03	1.33E-04	2.88E-03	1.07E-02	0.00E+00	1.07E-02
2.03E-03	1.32E-04	2.86E-03	1.06E-02	0.00E+00	1.06E-02
2.02E-03	1.31E-04	2.83E-03	1.04E-02	0.00E+00	1.04E-02
2.01E-03	1.30E-04	2.80E-03	1.03E-02	0.00E+00	1.03E-02
1.99E-03	1.30E-04	2.77E-03	1.01E-02	0.00E+00	1.01E-02
1.97E-03	1.28E-04	2.73E-03	9.96E-03	0.00E+00	9.96E-03
1.95E-03	1.27E-04	2.69E-03	9.78E-03	0.00E+00	9.78E-03
1.93E-03	1.26E-04	2.64E-03	9.58E-03	0.00E+00	9.58E-03
1.90E-03	1.24E-04	2.60E-03	9.38E-03	0.00E+00	9.38E-03
1.88E-03	1.23E-04	2.55E-03	9.17E-03	0.00E+00	9.17E-03
1.86E-03	1.21E-04	2.50E-03	8.95E-03	0.00E+00	8.95E-03
1.83E-03	1.20E-04	2.44E-03	8.73E-03	0.00E+00	8.73E-03
1.80E-03	1.18E-04	2.39E-03	8.50E-03	0.00E+00	8.50E-03
1.78E-03	1.16E-04	2.33E-03	8.28E-03	0.00E+00	8.28E-03
1.75E-03	1.14E-04	2.27E-03	8.06E-03	0.00E+00	8.06E-03
1.72E-03	1.13E-04	2.22E-03	7.84E-03	0.00E+00	7.84E-03
1.69E-03	1.11E-04	2.16E-03	7.62E-03	0.00E+00	7.62E-03
1.66E-03	1.09E-04	2.10E-03	7.40E-03	0.00E+00	7.40E-03
1.64E-03	1.07E-04	2.04E-03	7.19E-03	0.00E+00	7.19E-03
1.61E-03	1.05E-04	1.99E-03	6.99E-03	0.00E+00	6.99E-03
1.58E-03	1.04E-04	1.93E-03	6.78E-03	0.00E+00	6.78E-03
9.65E-04	6.28E-05	1.87E-04	1.51E-03	0.00E+00	1.51E-03
9.87E-04	6.42E-05	1.90E-04	1.54E-03	0.00E+00	1.54E-03
1.01E-03	6.56E-05	1.94E-04	1.57E-03	0.00E+00	1.57E-03
1.03E-03	6.70E-05	1.98E-04	1.61E-03	0.00E+00	1.61E-03
1.05E-03	6.83E-05	2.02E-04	1.64E-03	0.00E+00	1.64E-03
1.07E-03	6.97E-05	2.06E-04	1.68E-03	0.00E+00	1.68E-03
1.09E-03	7.10E-05	2.10E-04	1.71E-03	0.00E+00	1.71E-03
1.11E-03	7.23E-05	2.15E-04	1.74E-03	0.00E+00	1.74E-03
1.13E-03	7.35E-05	2.20E-04	1.78E-03	0.00E+00	1.78E-03
1.15E-03	7.47E-05	2.26E-04	1.81E-03	0.00E+00	1.81E-03
1.17E-03	7.58E-05	2.32E-04	1.85E-03	0.00E+00	1.85E-03
1.18E-03	7.69E-05	2.39E-04	1.88E-03	0.00E+00	1.88E-03
1.20E-03	7.80E-05	2.48E-04	1.92E-03	0.00E+00	1.92E-03
1.22E-03	7.91E-05	2.58E-04	1.96E-03	0.00E+00	1.96E-03
1.24E-03	8.03E-05	2.71E-04	2.00E-03	0.00E+00	2.00E-03
1.26E-03	8.14E-05	2.86E-04	2.05E-03	0.00E+00	2.05E-03
1.28E-03	8.26E-05	3.05E-04	2.11E-03	0.00E+00	2.11E-03
1.29E-03	8.38E-05	3.28E-04	2.17E-03	0.00E+00	2.17E-03
1.32E-03	8.51E-05	3.56E-04	2.24E-03	0.00E+00	2.24E-03

1.34E-03	8.65E-05	3.93E-04	2.32E-03	0.00E+00	2.32E-03
1.36E-03	8.82E-05	4.41E-04	2.43E-03	0.00E+00	2.43E-03
1.39E-03	8.99E-05	4.99E-04	2.55E-03	0.00E+00	2.55E-03
1.42E-03	9.17E-05	5.70E-04	2.70E-03	0.00E+00	2.70E-03
1.45E-03	9.37E-05	6.58E-04	2.88E-03	0.00E+00	2.88E-03
1.48E-03	9.59E-05	7.62E-04	3.09E-03	0.00E+00	3.09E-03
1.52E-03	9.82E-05	8.86E-04	3.35E-03	0.00E+00	3.35E-03
1.56E-03	1.01E-04	1.03E-03	3.65E-03	0.00E+00	3.65E-03
1.60E-03	1.03E-04	1.19E-03	4.00E-03	0.00E+00	4.00E-03
1.64E-03	1.06E-04	1.37E-03	4.41E-03	0.00E+00	4.41E-03
1.69E-03	1.10E-04	1.56E-03	4.88E-03	0.00E+00	4.88E-03
1.74E-03	1.13E-04	1.76E-03	5.41E-03	0.00E+00	5.41E-03
1.80E-03	1.17E-04	1.97E-03	6.02E-03	0.00E+00	6.02E-03
1.85E-03	1.20E-04	2.18E-03	6.67E-03	0.00E+00	6.67E-03
1.90E-03	1.24E-04	2.37E-03	7.36E-03	0.00E+00	7.36E-03
1.96E-03	1.28E-04	2.54E-03	8.06E-03	0.00E+00	8.06E-03
2.01E-03	1.32E-04	2.70E-03	8.76E-03	0.00E+00	8.76E-03
2.06E-03	1.35E-04	2.83E-03	9.43E-03	0.00E+00	9.43E-03
2.11E-03	1.38E-04	2.93E-03	1.00E-02	0.00E+00	1.00E-02
2.15E-03	1.40E-04	3.02E-03	1.05E-02	0.00E+00	1.05E-02
2.18E-03	1.42E-04	3.08E-03	1.10E-02	0.00E+00	1.10E-02
2.20E-03	1.44E-04	3.13E-03	1.13E-02	0.00E+00	1.13E-02
2.22E-03	1.45E-04	3.17E-03	1.16E-02	0.00E+00	1.16E-02
2.24E-03	1.46E-04	3.19E-03	1.18E-02	0.00E+00	1.18E-02
2.25E-03	1.46E-04	3.20E-03	1.20E-02	0.00E+00	1.20E-02
2.25E-03	1.47E-04	3.20E-03	1.20E-02	0.00E+00	1.20E-02
2.25E-03	1.47E-04	3.20E-03	1.20E-02	0.00E+00	1.20E-02
2.25E-03	1.47E-04	3.19E-03	1.20E-02	0.00E+00	1.20E-02
2.25E-03	1.46E-04	3.17E-03	1.19E-02	0.00E+00	1.19E-02
2.24E-03	1.46E-04	3.15E-03	1.18E-02	0.00E+00	1.18E-02
2.23E-03	1.45E-04	3.13E-03	1.17E-02	0.00E+00	1.17E-02
2.22E-03	1.44E-04	3.10E-03	1.16E-02	0.00E+00	1.16E-02
2.20E-03	1.43E-04	3.06E-03	1.14E-02	0.00E+00	1.14E-02
2.18E-03	1.42E-04	3.02E-03	1.12E-02	0.00E+00	1.12E-02
2.15E-03	1.41E-04	2.98E-03	1.10E-02	0.00E+00	1.10E-02
2.13E-03	1.39E-04	2.93E-03	1.07E-02	0.00E+00	1.07E-02
2.10E-03	1.37E-04	2.87E-03	1.05E-02	0.00E+00	1.05E-02
2.07E-03	1.35E-04	2.82E-03	1.03E-02	0.00E+00	1.03E-02
2.04E-03	1.33E-04	2.76E-03	1.00E-02	0.00E+00	1.00E-02
2.01E-03	1.31E-04	2.70E-03	9.74E-03	0.00E+00	9.74E-03
1.98E-03	1.29E-04	2.64E-03	9.48E-03	0.00E+00	9.48E-03
1.95E-03	1.27E-04	2.57E-03	9.21E-03	0.00E+00	9.21E-03
1.91E-03	1.25E-04	2.50E-03	8.95E-03	0.00E+00	8.95E-03
1.88E-03	1.23E-04	2.44E-03	8.69E-03	0.00E+00	8.69E-03
1.85E-03	1.21E-04	2.37E-03	8.43E-03	0.00E+00	8.43E-03
1.82E-03	1.19E-04	2.31E-03	8.17E-03	0.00E+00	8.17E-03
1.78E-03	1.17E-04	2.24E-03	7.92E-03	0.00E+00	7.92E-03
1.75E-03	1.15E-04	2.17E-03	7.68E-03	0.00E+00	7.68E-03
1.72E-03	1.13E-04	2.11E-03	7.44E-03	0.00E+00	7.44E-03
1.69E-03	1.11E-04	2.05E-03	7.21E-03	0.00E+00	7.21E-03
1.66E-03	1.09E-04	1.98E-03	6.98E-03	0.00E+00	6.98E-03
1.02E-03	6.61E-05	2.00E-04	1.59E-03	0.00E+00	1.59E-03
1.04E-03	6.76E-05	2.04E-04	1.63E-03	0.00E+00	1.63E-03
1.06E-03	6.91E-05	2.08E-04	1.67E-03	0.00E+00	1.67E-03
1.09E-03	7.06E-05	2.12E-04	1.70E-03	0.00E+00	1.70E-03

1.11E-03	7.20E-05	2.16E-04	1.74E-03	0.00E+00	1.74E-03
1.13E-03	7.35E-05	2.21E-04	1.78E-03	0.00E+00	1.78E-03
1.15E-03	7.49E-05	2.25E-04	1.81E-03	0.00E+00	1.81E-03
1.17E-03	7.63E-05	2.30E-04	1.85E-03	0.00E+00	1.85E-03
1.19E-03	7.76E-05	2.36E-04	1.89E-03	0.00E+00	1.89E-03
1.21E-03	7.88E-05	2.42E-04	1.93E-03	0.00E+00	1.93E-03
1.23E-03	8.00E-05	2.48E-04	1.96E-03	0.00E+00	1.96E-03
1.25E-03	8.12E-05	2.55E-04	2.00E-03	0.00E+00	2.00E-03
1.27E-03	8.23E-05	2.64E-04	2.04E-03	0.00E+00	2.04E-03
1.29E-03	8.35E-05	2.75E-04	2.08E-03	0.00E+00	2.08E-03
1.31E-03	8.47E-05	2.87E-04	2.13E-03	0.00E+00	2.13E-03
1.33E-03	8.59E-05	3.01E-04	2.18E-03	0.00E+00	2.18E-03
1.35E-03	8.71E-05	3.20E-04	2.23E-03	0.00E+00	2.23E-03
1.37E-03	8.84E-05	3.43E-04	2.30E-03	0.00E+00	2.30E-03
1.39E-03	8.99E-05	3.71E-04	2.37E-03	0.00E+00	2.37E-03
1.42E-03	9.15E-05	4.09E-04	2.47E-03	0.00E+00	2.47E-03
1.44E-03	9.32E-05	4.58E-04	2.57E-03	0.00E+00	2.57E-03
1.47E-03	9.51E-05	5.18E-04	2.70E-03	0.00E+00	2.70E-03
1.50E-03	9.71E-05	5.93E-04	2.86E-03	0.00E+00	2.86E-03
1.54E-03	9.93E-05	6.88E-04	3.05E-03	0.00E+00	3.05E-03
1.58E-03	1.02E-04	8.02E-04	3.28E-03	0.00E+00	3.28E-03
1.62E-03	1.04E-04	9.38E-04	3.56E-03	0.00E+00	3.56E-03
1.66E-03	1.07E-04	1.10E-03	3.89E-03	0.00E+00	3.89E-03
1.71E-03	1.10E-04	1.28E-03	4.28E-03	0.00E+00	4.28E-03
1.76E-03	1.14E-04	1.49E-03	4.74E-03	0.00E+00	4.74E-03
1.81E-03	1.18E-04	1.71E-03	5.27E-03	0.00E+00	5.27E-03
1.87E-03	1.22E-04	1.94E-03	5.89E-03	0.00E+00	5.89E-03
1.94E-03	1.26E-04	2.19E-03	6.59E-03	0.00E+00	6.59E-03
2.00E-03	1.31E-04	2.42E-03	7.35E-03	0.00E+00	7.35E-03
2.07E-03	1.35E-04	2.64E-03	8.15E-03	0.00E+00	8.15E-03
2.14E-03	1.40E-04	2.84E-03	9.01E-03	0.00E+00	9.01E-03
2.21E-03	1.45E-04	3.01E-03	9.85E-03	0.00E+00	9.85E-03
2.27E-03	1.49E-04	3.15E-03	1.06E-02	0.00E+00	1.06E-02
2.33E-03	1.53E-04	3.26E-03	1.13E-02	0.00E+00	1.13E-02
2.38E-03	1.56E-04	3.35E-03	1.19E-02	0.00E+00	1.19E-02
2.42E-03	1.58E-04	3.41E-03	1.24E-02	0.00E+00	1.24E-02
2.45E-03	1.60E-04	3.46E-03	1.28E-02	0.00E+00	1.28E-02
2.47E-03	1.61E-04	3.49E-03	1.31E-02	0.00E+00	1.31E-02
2.48E-03	1.62E-04	3.51E-03	1.33E-02	0.00E+00	1.33E-02
2.49E-03	1.62E-04	3.52E-03	1.35E-02	0.00E+00	1.35E-02
2.50E-03	1.63E-04	3.52E-03	1.35E-02	0.00E+00	1.35E-02
2.50E-03	1.63E-04	3.51E-03	1.35E-02	0.00E+00	1.35E-02
2.49E-03	1.63E-04	3.49E-03	1.34E-02	0.00E+00	1.34E-02
2.48E-03	1.62E-04	3.47E-03	1.33E-02	0.00E+00	1.33E-02
2.47E-03	1.61E-04	3.44E-03	1.31E-02	0.00E+00	1.31E-02
2.45E-03	1.60E-04	3.40E-03	1.29E-02	0.00E+00	1.29E-02
2.43E-03	1.58E-04	3.36E-03	1.27E-02	0.00E+00	1.27E-02
2.40E-03	1.57E-04	3.31E-03	1.24E-02	0.00E+00	1.24E-02
2.37E-03	1.55E-04	3.26E-03	1.22E-02	0.00E+00	1.22E-02
2.34E-03	1.53E-04	3.20E-03	1.19E-02	0.00E+00	1.19E-02
2.30E-03	1.51E-04	3.14E-03	1.16E-02	0.00E+00	1.16E-02
2.27E-03	1.48E-04	3.07E-03	1.13E-02	0.00E+00	1.13E-02
2.23E-03	1.46E-04	3.00E-03	1.10E-02	0.00E+00	1.10E-02
2.19E-03	1.43E-04	2.93E-03	1.06E-02	0.00E+00	1.06E-02
2.15E-03	1.41E-04	2.85E-03	1.03E-02	0.00E+00	1.03E-02

2.11E-03	1.38E-04	2.78E-03	1.00E-02	0.00E+00	1.00E-02
2.07E-03	1.36E-04	2.70E-03	9.70E-03	0.00E+00	9.70E-03
2.03E-03	1.33E-04	2.62E-03	9.39E-03	0.00E+00	9.39E-03
1.99E-03	1.31E-04	2.54E-03	9.08E-03	0.00E+00	9.08E-03
1.96E-03	1.28E-04	2.47E-03	8.78E-03	0.00E+00	8.78E-03
1.92E-03	1.26E-04	2.39E-03	8.49E-03	0.00E+00	8.49E-03
1.88E-03	1.23E-04	2.31E-03	8.21E-03	0.00E+00	8.21E-03
1.84E-03	1.21E-04	2.24E-03	7.93E-03	0.00E+00	7.93E-03
1.81E-03	1.18E-04	2.17E-03	7.67E-03	0.00E+00	7.67E-03
1.77E-03	1.16E-04	2.10E-03	7.41E-03	0.00E+00	7.41E-03
1.74E-03	1.14E-04	2.03E-03	7.16E-03	0.00E+00	7.16E-03
1.04E-03	6.79E-05	2.10E-04	1.65E-03	0.00E+00	1.65E-03
1.07E-03	6.96E-05	2.14E-04	1.69E-03	0.00E+00	1.69E-03
1.10E-03	7.14E-05	2.19E-04	1.73E-03	0.00E+00	1.73E-03
1.12E-03	7.30E-05	2.23E-04	1.77E-03	0.00E+00	1.77E-03
1.15E-03	7.46E-05	2.28E-04	1.81E-03	0.00E+00	1.81E-03
1.17E-03	7.62E-05	2.32E-04	1.85E-03	0.00E+00	1.85E-03
1.19E-03	7.77E-05	2.37E-04	1.89E-03	0.00E+00	1.89E-03
1.22E-03	7.92E-05	2.42E-04	1.93E-03	0.00E+00	1.93E-03
1.24E-03	8.08E-05	2.48E-04	1.97E-03	0.00E+00	1.97E-03
1.26E-03	8.21E-05	2.54E-04	2.01E-03	0.00E+00	2.01E-03
1.28E-03	8.34E-05	2.60E-04	2.05E-03	0.00E+00	2.05E-03
1.30E-03	8.47E-05	2.67E-04	2.09E-03	0.00E+00	2.09E-03
1.32E-03	8.59E-05	2.74E-04	2.14E-03	0.00E+00	2.14E-03
1.34E-03	8.71E-05	2.83E-04	2.18E-03	0.00E+00	2.18E-03
1.36E-03	8.83E-05	2.93E-04	2.22E-03	0.00E+00	2.22E-03
1.38E-03	8.96E-05	3.06E-04	2.27E-03	0.00E+00	2.27E-03
1.40E-03	9.08E-05	3.20E-04	2.32E-03	0.00E+00	2.32E-03
1.42E-03	9.21E-05	3.37E-04	2.38E-03	0.00E+00	2.38E-03
1.45E-03	9.36E-05	3.60E-04	2.45E-03	0.00E+00	2.45E-03
1.47E-03	9.52E-05	3.90E-04	2.53E-03	0.00E+00	2.53E-03
1.50E-03	9.69E-05	4.28E-04	2.63E-03	0.00E+00	2.63E-03
1.53E-03	9.88E-05	4.76E-04	2.74E-03	0.00E+00	2.74E-03
1.56E-03	1.01E-04	5.38E-04	2.87E-03	0.00E+00	2.87E-03
1.60E-03	1.03E-04	6.18E-04	3.04E-03	0.00E+00	3.04E-03
1.63E-03	1.06E-04	7.19E-04	3.24E-03	0.00E+00	3.24E-03
1.68E-03	1.08E-04	8.44E-04	3.49E-03	0.00E+00	3.49E-03
1.72E-03	1.11E-04	9.96E-04	3.79E-03	0.00E+00	3.79E-03
1.77E-03	1.14E-04	1.17E-03	4.15E-03	0.00E+00	4.15E-03
1.82E-03	1.18E-04	1.38E-03	4.59E-03	0.00E+00	4.59E-03
1.88E-03	1.22E-04	1.62E-03	5.12E-03	0.00E+00	5.12E-03
1.94E-03	1.27E-04	1.88E-03	5.73E-03	0.00E+00	5.73E-03
2.02E-03	1.31E-04	2.16E-03	6.44E-03	0.00E+00	6.44E-03
2.09E-03	1.37E-04	2.44E-03	7.25E-03	0.00E+00	7.25E-03
2.18E-03	1.43E-04	2.71E-03	8.15E-03	0.00E+00	8.15E-03
2.26E-03	1.49E-04	2.96E-03	9.11E-03	0.00E+00	9.11E-03
2.36E-03	1.55E-04	3.19E-03	1.02E-02	0.00E+00	1.02E-02
2.44E-03	1.61E-04	3.37E-03	1.12E-02	0.00E+00	1.12E-02
2.53E-03	1.67E-04	3.53E-03	1.21E-02	0.00E+00	1.21E-02
2.61E-03	1.71E-04	3.65E-03	1.30E-02	0.00E+00	1.30E-02
2.67E-03	1.75E-04	3.74E-03	1.37E-02	0.00E+00	1.37E-02
2.71E-03	1.78E-04	3.80E-03	1.43E-02	0.00E+00	1.43E-02
2.75E-03	1.79E-04	3.85E-03	1.47E-02	0.00E+00	1.47E-02
2.77E-03	1.81E-04	3.87E-03	1.50E-02	0.00E+00	1.50E-02
2.79E-03	1.82E-04	3.89E-03	1.52E-02	0.00E+00	1.52E-02

2.80E-03	1.82E-04	3.89E-03	1.53E-02	0.00E+00	1.53E-02
2.80E-03	1.83E-04	3.88E-03	1.52E-02	0.00E+00	1.52E-02
2.80E-03	1.82E-04	3.86E-03	1.52E-02	0.00E+00	1.52E-02
2.78E-03	1.82E-04	3.84E-03	1.50E-02	0.00E+00	1.50E-02
2.76E-03	1.81E-04	3.80E-03	1.48E-02	0.00E+00	1.48E-02
2.74E-03	1.79E-04	3.76E-03	1.45E-02	0.00E+00	1.45E-02
2.70E-03	1.77E-04	3.71E-03	1.42E-02	0.00E+00	1.42E-02
2.67E-03	1.75E-04	3.65E-03	1.39E-02	0.00E+00	1.39E-02
2.63E-03	1.72E-04	3.58E-03	1.36E-02	0.00E+00	1.36E-02
2.58E-03	1.69E-04	3.51E-03	1.32E-02	0.00E+00	1.32E-02
2.54E-03	1.66E-04	3.44E-03	1.28E-02	0.00E+00	1.28E-02
2.49E-03	1.63E-04	3.36E-03	1.25E-02	0.00E+00	1.25E-02
2.44E-03	1.60E-04	3.27E-03	1.21E-02	0.00E+00	1.21E-02
2.40E-03	1.57E-04	3.18E-03	1.17E-02	0.00E+00	1.17E-02
2.35E-03	1.54E-04	3.09E-03	1.13E-02	0.00E+00	1.13E-02
2.30E-03	1.51E-04	3.00E-03	1.09E-02	0.00E+00	1.09E-02
2.25E-03	1.48E-04	2.91E-03	1.05E-02	0.00E+00	1.05E-02
2.20E-03	1.45E-04	2.82E-03	1.02E-02	0.00E+00	1.02E-02
2.16E-03	1.41E-04	2.73E-03	9.81E-03	0.00E+00	9.81E-03
2.11E-03	1.38E-04	2.64E-03	9.45E-03	0.00E+00	9.45E-03
2.07E-03	1.35E-04	2.55E-03	9.11E-03	0.00E+00	9.11E-03
2.02E-03	1.33E-04	2.47E-03	8.78E-03	0.00E+00	8.78E-03
1.98E-03	1.30E-04	2.38E-03	8.47E-03	0.00E+00	8.47E-03
1.94E-03	1.27E-04	2.30E-03	8.16E-03	0.00E+00	8.16E-03
1.89E-03	1.24E-04	2.22E-03	7.87E-03	0.00E+00	7.87E-03
1.85E-03	1.21E-04	2.14E-03	7.59E-03	0.00E+00	7.59E-03
1.81E-03	1.19E-04	2.07E-03	7.32E-03	0.00E+00	7.32E-03
1.78E-03	1.16E-04	1.99E-03	7.06E-03	0.00E+00	7.06E-03
1.10E-03	7.17E-05	2.25E-04	1.75E-03	0.00E+00	1.75E-03
1.13E-03	7.35E-05	2.30E-04	1.79E-03	0.00E+00	1.79E-03
1.16E-03	7.55E-05	2.35E-04	1.84E-03	0.00E+00	1.84E-03
1.19E-03	7.74E-05	2.40E-04	1.89E-03	0.00E+00	1.89E-03
1.22E-03	7.91E-05	2.45E-04	1.93E-03	0.00E+00	1.93E-03
1.24E-03	8.09E-05	2.50E-04	1.98E-03	0.00E+00	1.98E-03
1.27E-03	8.25E-05	2.56E-04	2.02E-03	0.00E+00	2.02E-03
1.29E-03	8.42E-05	2.62E-04	2.07E-03	0.00E+00	2.07E-03
1.32E-03	8.58E-05	2.68E-04	2.11E-03	0.00E+00	2.11E-03
1.34E-03	8.72E-05	2.74E-04	2.16E-03	0.00E+00	2.16E-03
1.36E-03	8.85E-05	2.81E-04	2.20E-03	0.00E+00	2.20E-03
1.38E-03	8.98E-05	2.88E-04	2.24E-03	0.00E+00	2.24E-03
1.40E-03	9.12E-05	2.96E-04	2.29E-03	0.00E+00	2.29E-03
1.42E-03	9.24E-05	3.05E-04	2.33E-03	0.00E+00	2.33E-03
1.45E-03	9.37E-05	3.15E-04	2.38E-03	0.00E+00	2.38E-03
1.47E-03	9.49E-05	3.27E-04	2.44E-03	0.00E+00	2.44E-03
1.49E-03	9.63E-05	3.41E-04	2.49E-03	0.00E+00	2.49E-03
1.51E-03	9.77E-05	3.59E-04	2.55E-03	0.00E+00	2.55E-03
1.54E-03	9.93E-05	3.82E-04	2.63E-03	0.00E+00	2.63E-03
1.57E-03	1.01E-04	4.11E-04	2.71E-03	0.00E+00	2.71E-03
1.60E-03	1.03E-04	4.48E-04	2.81E-03	0.00E+00	2.81E-03
1.63E-03	1.05E-04	4.97E-04	2.93E-03	0.00E+00	2.93E-03
1.66E-03	1.07E-04	5.61E-04	3.07E-03	0.00E+00	3.07E-03
1.70E-03	1.10E-04	6.44E-04	3.24E-03	0.00E+00	3.24E-03
1.74E-03	1.12E-04	7.52E-04	3.46E-03	0.00E+00	3.46E-03
1.78E-03	1.15E-04	8.88E-04	3.73E-03	0.00E+00	3.73E-03
1.83E-03	1.19E-04	1.06E-03	4.05E-03	0.00E+00	4.05E-03

1.89E-03	1.22E-04	1.26E-03	4.46E-03	0.00E+00	4.46E-03
1.95E-03	1.26E-04	1.50E-03	4.95E-03	0.00E+00	4.95E-03
2.02E-03	1.31E-04	1.78E-03	5.55E-03	0.00E+00	5.55E-03
2.09E-03	1.36E-04	2.08E-03	6.25E-03	0.00E+00	6.25E-03
2.18E-03	1.42E-04	2.41E-03	7.08E-03	0.00E+00	7.08E-03
2.27E-03	1.49E-04	2.74E-03	8.03E-03	0.00E+00	8.03E-03
2.38E-03	1.56E-04	3.06E-03	9.10E-03	0.00E+00	9.10E-03
2.49E-03	1.64E-04	3.35E-03	1.03E-02	0.00E+00	1.03E-02
2.62E-03	1.73E-04	3.60E-03	1.16E-02	0.00E+00	1.16E-02
2.74E-03	1.82E-04	3.81E-03	1.28E-02	0.00E+00	1.28E-02
2.86E-03	1.89E-04	3.97E-03	1.40E-02	0.00E+00	1.40E-02
2.96E-03	1.96E-04	4.10E-03	1.51E-02	0.00E+00	1.51E-02
3.04E-03	2.00E-04	4.20E-03	1.60E-02	0.00E+00	1.60E-02
3.09E-03	2.03E-04	4.26E-03	1.66E-02	0.00E+00	1.66E-02
3.13E-03	2.05E-04	4.29E-03	1.70E-02	0.00E+00	1.70E-02
3.16E-03	2.06E-04	4.32E-03	1.73E-02	0.00E+00	1.73E-02
3.18E-03	2.07E-04	4.32E-03	1.75E-02	0.00E+00	1.75E-02
3.19E-03	2.08E-04	4.32E-03	1.75E-02	0.00E+00	1.75E-02
3.18E-03	2.08E-04	4.30E-03	1.74E-02	0.00E+00	1.74E-02
3.16E-03	2.06E-04	4.27E-03	1.71E-02	0.00E+00	1.71E-02
3.13E-03	2.05E-04	4.23E-03	1.69E-02	0.00E+00	1.69E-02
3.09E-03	2.02E-04	4.18E-03	1.65E-02	0.00E+00	1.65E-02
3.04E-03	1.99E-04	4.12E-03	1.61E-02	0.00E+00	1.61E-02
2.99E-03	1.96E-04	4.05E-03	1.57E-02	0.00E+00	1.57E-02
2.94E-03	1.93E-04	3.96E-03	1.53E-02	0.00E+00	1.53E-02
2.88E-03	1.89E-04	3.88E-03	1.48E-02	0.00E+00	1.48E-02
2.82E-03	1.85E-04	3.78E-03	1.43E-02	0.00E+00	1.43E-02
2.76E-03	1.81E-04	3.68E-03	1.38E-02	0.00E+00	1.38E-02
2.70E-03	1.77E-04	3.58E-03	1.34E-02	0.00E+00	1.34E-02
2.64E-03	1.73E-04	3.48E-03	1.29E-02	0.00E+00	1.29E-02
2.58E-03	1.69E-04	3.37E-03	1.24E-02	0.00E+00	1.24E-02
2.52E-03	1.65E-04	3.26E-03	1.19E-02	0.00E+00	1.19E-02
2.46E-03	1.61E-04	3.15E-03	1.15E-02	0.00E+00	1.15E-02
2.40E-03	1.57E-04	3.05E-03	1.10E-02	0.00E+00	1.10E-02
2.34E-03	1.54E-04	2.94E-03	1.06E-02	0.00E+00	1.06E-02
2.29E-03	1.50E-04	2.83E-03	1.02E-02	0.00E+00	1.02E-02
2.23E-03	1.46E-04	2.73E-03	9.80E-03	0.00E+00	9.80E-03
2.18E-03	1.43E-04	2.63E-03	9.42E-03	0.00E+00	9.42E-03
2.13E-03	1.40E-04	2.54E-03	9.05E-03	0.00E+00	9.05E-03
2.08E-03	1.36E-04	2.44E-03	8.70E-03	0.00E+00	8.70E-03
2.03E-03	1.33E-04	2.35E-03	8.37E-03	0.00E+00	8.37E-03
1.98E-03	1.30E-04	2.26E-03	8.05E-03	0.00E+00	8.05E-03
1.94E-03	1.27E-04	2.18E-03	7.75E-03	0.00E+00	7.75E-03
1.90E-03	1.24E-04	2.09E-03	7.45E-03	0.00E+00	7.45E-03
1.85E-03	1.21E-04	2.02E-03	7.18E-03	0.00E+00	7.18E-03
1.13E-03	7.37E-05	2.36E-04	1.81E-03	0.00E+00	1.81E-03
1.16E-03	7.59E-05	2.42E-04	1.86E-03	0.00E+00	1.86E-03
1.20E-03	7.80E-05	2.47E-04	1.91E-03	0.00E+00	1.91E-03
1.23E-03	8.01E-05	2.53E-04	1.96E-03	0.00E+00	1.96E-03
1.26E-03	8.22E-05	2.59E-04	2.01E-03	0.00E+00	2.01E-03
1.29E-03	8.42E-05	2.65E-04	2.07E-03	0.00E+00	2.07E-03
1.32E-03	8.61E-05	2.71E-04	2.12E-03	0.00E+00	2.12E-03
1.35E-03	8.79E-05	2.77E-04	2.17E-03	0.00E+00	2.17E-03
1.38E-03	8.97E-05	2.84E-04	2.22E-03	0.00E+00	2.22E-03
1.40E-03	9.14E-05	2.90E-04	2.27E-03	0.00E+00	2.27E-03

1.43E-03	9.29E-05	2.97E-04	2.31E-03	0.00E+00	2.31E-03
1.45E-03	9.43E-05	3.05E-04	2.36E-03	0.00E+00	2.36E-03
1.47E-03	9.57E-05	3.13E-04	2.41E-03	0.00E+00	2.41E-03
1.50E-03	9.70E-05	3.21E-04	2.46E-03	0.00E+00	2.46E-03
1.52E-03	9.83E-05	3.31E-04	2.51E-03	0.00E+00	2.51E-03
1.54E-03	9.96E-05	3.41E-04	2.56E-03	0.00E+00	2.56E-03
1.56E-03	1.01E-04	3.53E-04	2.62E-03	0.00E+00	2.62E-03
1.58E-03	1.02E-04	3.67E-04	2.68E-03	0.00E+00	2.68E-03
1.61E-03	1.04E-04	3.85E-04	2.75E-03	0.00E+00	2.75E-03
1.64E-03	1.06E-04	4.08E-04	2.83E-03	0.00E+00	2.83E-03
1.67E-03	1.08E-04	4.36E-04	2.92E-03	0.00E+00	2.92E-03
1.70E-03	1.10E-04	4.73E-04	3.03E-03	0.00E+00	3.03E-03
1.74E-03	1.12E-04	5.21E-04	3.15E-03	0.00E+00	3.15E-03
1.77E-03	1.14E-04	5.86E-04	3.30E-03	0.00E+00	3.30E-03
1.81E-03	1.17E-04	6.73E-04	3.48E-03	0.00E+00	3.48E-03
1.86E-03	1.20E-04	7.86E-04	3.71E-03	0.00E+00	3.71E-03
1.90E-03	1.23E-04	9.35E-04	4.00E-03	0.00E+00	4.00E-03
1.96E-03	1.27E-04	1.12E-03	4.36E-03	0.00E+00	4.36E-03
2.02E-03	1.31E-04	1.35E-03	4.80E-03	0.00E+00	4.80E-03
2.08E-03	1.36E-04	1.63E-03	5.36E-03	0.00E+00	5.36E-03
2.16E-03	1.41E-04	1.96E-03	6.04E-03	0.00E+00	6.04E-03
2.25E-03	1.47E-04	2.32E-03	6.85E-03	0.00E+00	6.85E-03
2.35E-03	1.54E-04	2.71E-03	7.82E-03	0.00E+00	7.82E-03
2.47E-03	1.63E-04	3.10E-03	8.94E-03	0.00E+00	8.94E-03
2.61E-03	1.72E-04	3.47E-03	1.02E-02	0.00E+00	1.02E-02
2.77E-03	1.83E-04	3.81E-03	1.17E-02	0.00E+00	1.17E-02
2.94E-03	1.96E-04	4.10E-03	1.33E-02	0.00E+00	1.33E-02
3.13E-03	2.08E-04	4.33E-03	1.50E-02	0.00E+00	1.50E-02
3.31E-03	2.20E-04	4.52E-03	1.66E-02	0.00E+00	1.66E-02
3.46E-03	2.30E-04	4.66E-03	1.79E-02	0.00E+00	1.79E-02
3.55E-03	2.35E-04	4.74E-03	1.89E-02	0.00E+00	1.89E-02
3.61E-03	2.38E-04	4.80E-03	1.96E-02	0.00E+00	1.96E-02
3.66E-03	2.40E-04	4.83E-03	2.00E-02	0.00E+00	2.00E-02
3.69E-03	2.41E-04	4.84E-03	2.03E-02	0.00E+00	2.03E-02
3.70E-03	2.42E-04	4.84E-03	2.03E-02	0.00E+00	2.03E-02
3.69E-03	2.41E-04	4.82E-03	2.01E-02	0.00E+00	2.01E-02
3.66E-03	2.39E-04	4.79E-03	1.99E-02	0.00E+00	1.99E-02
3.60E-03	2.36E-04	4.74E-03	1.95E-02	0.00E+00	1.95E-02
3.54E-03	2.32E-04	4.68E-03	1.90E-02	0.00E+00	1.90E-02
3.47E-03	2.28E-04	4.60E-03	1.85E-02	0.00E+00	1.85E-02
3.39E-03	2.23E-04	4.51E-03	1.79E-02	0.00E+00	1.79E-02
3.32E-03	2.18E-04	4.41E-03	1.73E-02	0.00E+00	1.73E-02
3.24E-03	2.13E-04	4.30E-03	1.67E-02	0.00E+00	1.67E-02
3.16E-03	2.08E-04	4.19E-03	1.61E-02	0.00E+00	1.61E-02
3.08E-03	2.02E-04	4.06E-03	1.55E-02	0.00E+00	1.55E-02
3.00E-03	1.97E-04	3.94E-03	1.49E-02	0.00E+00	1.49E-02
2.92E-03	1.92E-04	3.81E-03	1.43E-02	0.00E+00	1.43E-02
2.84E-03	1.87E-04	3.68E-03	1.37E-02	0.00E+00	1.37E-02
2.77E-03	1.82E-04	3.55E-03	1.31E-02	0.00E+00	1.31E-02
2.69E-03	1.77E-04	3.42E-03	1.25E-02	0.00E+00	1.25E-02
2.62E-03	1.72E-04	3.29E-03	1.20E-02	0.00E+00	1.20E-02
2.55E-03	1.68E-04	3.17E-03	1.15E-02	0.00E+00	1.15E-02
2.49E-03	1.63E-04	3.05E-03	1.10E-02	0.00E+00	1.10E-02
2.42E-03	1.59E-04	2.93E-03	1.06E-02	0.00E+00	1.06E-02
2.36E-03	1.55E-04	2.81E-03	1.01E-02	0.00E+00	1.01E-02



2.30E-03	1.51E-04	2.70E-03	9.69E-03	0.00E+00	9.69E-03
2.24E-03	1.47E-04	2.59E-03	9.29E-03	0.00E+00	9.29E-03
2.18E-03	1.43E-04	2.49E-03	8.90E-03	0.00E+00	8.90E-03
2.13E-03	1.40E-04	2.39E-03	8.54E-03	0.00E+00	8.54E-03
2.08E-03	1.36E-04	2.29E-03	8.20E-03	0.00E+00	8.20E-03
2.03E-03	1.33E-04	2.20E-03	7.87E-03	0.00E+00	7.87E-03
1.98E-03	1.30E-04	2.11E-03	7.56E-03	0.00E+00	7.56E-03
1.93E-03	1.27E-04	2.03E-03	7.27E-03	0.00E+00	7.27E-03
1.20E-03	7.82E-05	2.54E-04	1.92E-03	0.00E+00	1.92E-03
1.24E-03	8.06E-05	2.60E-04	1.98E-03	0.00E+00	1.98E-03
1.27E-03	8.30E-05	2.67E-04	2.04E-03	0.00E+00	2.04E-03
1.31E-03	8.54E-05	2.73E-04	2.10E-03	0.00E+00	2.10E-03
1.35E-03	8.77E-05	2.80E-04	2.16E-03	0.00E+00	2.16E-03
1.38E-03	9.00E-05	2.87E-04	2.22E-03	0.00E+00	2.22E-03
1.41E-03	9.21E-05	2.94E-04	2.27E-03	0.00E+00	2.27E-03
1.44E-03	9.41E-05	3.01E-04	2.33E-03	0.00E+00	2.33E-03
1.47E-03	9.61E-05	3.08E-04	2.39E-03	0.00E+00	2.39E-03
1.50E-03	9.78E-05	3.16E-04	2.44E-03	0.00E+00	2.44E-03
1.53E-03	9.94E-05	3.24E-04	2.50E-03	0.00E+00	2.50E-03
1.55E-03	1.01E-04	3.32E-04	2.55E-03	0.00E+00	2.55E-03
1.58E-03	1.02E-04	3.41E-04	2.60E-03	0.00E+00	2.60E-03
1.60E-03	1.04E-04	3.51E-04	2.66E-03	0.00E+00	2.66E-03
1.62E-03	1.05E-04	3.61E-04	2.71E-03	0.00E+00	2.71E-03
1.64E-03	1.06E-04	3.72E-04	2.77E-03	0.00E+00	2.77E-03
1.67E-03	1.08E-04	3.84E-04	2.84E-03	0.00E+00	2.84E-03
1.69E-03	1.09E-04	3.99E-04	2.90E-03	0.00E+00	2.90E-03
1.72E-03	1.11E-04	4.17E-04	2.98E-03	0.00E+00	2.98E-03
1.75E-03	1.13E-04	4.38E-04	3.07E-03	0.00E+00	3.07E-03
1.79E-03	1.15E-04	4.67E-04	3.17E-03	0.00E+00	3.17E-03
1.82E-03	1.17E-04	5.04E-04	3.28E-03	0.00E+00	3.28E-03
1.86E-03	1.20E-04	5.51E-04	3.41E-03	0.00E+00	3.41E-03
1.90E-03	1.22E-04	6.16E-04	3.57E-03	0.00E+00	3.57E-03
1.94E-03	1.25E-04	7.05E-04	3.76E-03	0.00E+00	3.76E-03
1.99E-03	1.28E-04	8.24E-04	4.00E-03	0.00E+00	4.00E-03
2.04E-03	1.32E-04	9.83E-04	4.31E-03	0.00E+00	4.31E-03
2.09E-03	1.36E-04	1.19E-03	4.71E-03	0.00E+00	4.71E-03
2.16E-03	1.40E-04	1.45E-03	5.20E-03	0.00E+00	5.20E-03
2.23E-03	1.45E-04	1.78E-03	5.83E-03	0.00E+00	5.83E-03
2.32E-03	1.52E-04	2.16E-03	6.60E-03	0.00E+00	6.60E-03
2.42E-03	1.59E-04	2.59E-03	7.55E-03	0.00E+00	7.55E-03
2.55E-03	1.67E-04	3.06E-03	8.68E-03	0.00E+00	8.68E-03
2.69E-03	1.78E-04	3.54E-03	1.00E-02	0.00E+00	1.00E-02
2.87E-03	1.90E-04	3.99E-03	1.16E-02	0.00E+00	1.16E-02
3.10E-03	2.06E-04	4.38E-03	1.34E-02	0.00E+00	1.34E-02
3.36E-03	2.25E-04	4.71E-03	1.56E-02	0.00E+00	1.56E-02
3.66E-03	2.46E-04	4.97E-03	1.79E-02	0.00E+00	1.79E-02
3.96E-03	2.66E-04	5.18E-03	2.01E-02	0.00E+00	2.01E-02
4.17E-03	2.80E-04	5.31E-03	2.18E-02	0.00E+00	2.18E-02
4.29E-03	2.86E-04	5.39E-03	2.29E-02	0.00E+00	2.29E-02
4.37E-03	2.91E-04	5.44E-03	2.36E-02	0.00E+00	2.36E-02
4.42E-03	2.92E-04	5.46E-03	2.40E-02	0.00E+00	2.40E-02
4.42E-03	2.91E-04	5.46E-03	2.40E-02	0.00E+00	2.40E-02
4.39E-03	2.88E-04	5.44E-03	2.38E-02	0.00E+00	2.38E-02
4.32E-03	2.83E-04	5.41E-03	2.34E-02	0.00E+00	2.34E-02
4.24E-03	2.78E-04	5.35E-03	2.28E-02	0.00E+00	2.28E-02

4.13E-03	2.71E-04	5.27E-03	2.22E-02	0.00E+00	2.22E-02
4.02E-03	2.64E-04	5.18E-03	2.14E-02	0.00E+00	2.14E-02
3.91E-03	2.57E-04	5.06E-03	2.06E-02	0.00E+00	2.06E-02
3.79E-03	2.50E-04	4.94E-03	1.98E-02	0.00E+00	1.98E-02
3.68E-03	2.42E-04	4.80E-03	1.90E-02	0.00E+00	1.90E-02
3.57E-03	2.35E-04	4.66E-03	1.82E-02	0.00E+00	1.82E-02
3.46E-03	2.28E-04	4.50E-03	1.74E-02	0.00E+00	1.74E-02
3.36E-03	2.21E-04	4.35E-03	1.66E-02	0.00E+00	1.66E-02
3.25E-03	2.14E-04	4.19E-03	1.59E-02	0.00E+00	1.59E-02
3.16E-03	2.08E-04	4.03E-03	1.51E-02	0.00E+00	1.51E-02
3.06E-03	2.01E-04	3.87E-03	1.44E-02	0.00E+00	1.44E-02
2.97E-03	1.95E-04	3.72E-03	1.38E-02	0.00E+00	1.38E-02
2.88E-03	1.90E-04	3.57E-03	1.31E-02	0.00E+00	1.31E-02
2.80E-03	1.84E-04	3.42E-03	1.25E-02	0.00E+00	1.25E-02
2.72E-03	1.79E-04	3.28E-03	1.19E-02	0.00E+00	1.19E-02
2.64E-03	1.73E-04	3.14E-03	1.14E-02	0.00E+00	1.14E-02
2.56E-03	1.68E-04	3.00E-03	1.09E-02	0.00E+00	1.09E-02
2.49E-03	1.63E-04	2.88E-03	1.04E-02	0.00E+00	1.04E-02
2.42E-03	1.59E-04	2.75E-03	9.92E-03	0.00E+00	9.92E-03
2.35E-03	1.54E-04	2.64E-03	9.48E-03	0.00E+00	9.48E-03
2.29E-03	1.50E-04	2.53E-03	9.07E-03	0.00E+00	9.07E-03
2.23E-03	1.46E-04	2.42E-03	8.68E-03	0.00E+00	8.68E-03
2.17E-03	1.42E-04	2.31E-03	8.31E-03	0.00E+00	8.31E-03
2.12E-03	1.39E-04	2.22E-03	7.97E-03	0.00E+00	7.97E-03
2.07E-03	1.35E-04	2.12E-03	7.64E-03	0.00E+00	7.64E-03
2.02E-03	1.32E-04	2.03E-03	7.34E-03	0.00E+00	7.34E-03
1.97E-03	1.29E-04	1.95E-03	7.05E-03	0.00E+00	7.05E-03
1.28E-03	8.33E-05	2.74E-04	2.06E-03	0.00E+00	2.06E-03
1.32E-03	8.61E-05	2.81E-04	2.12E-03	0.00E+00	2.12E-03
1.36E-03	8.87E-05	2.88E-04	2.19E-03	0.00E+00	2.19E-03
1.40E-03	9.14E-05	2.96E-04	2.25E-03	0.00E+00	2.25E-03
1.44E-03	9.40E-05	3.03E-04	2.32E-03	0.00E+00	2.32E-03
1.48E-03	9.66E-05	3.12E-04	2.39E-03	0.00E+00	2.39E-03
1.52E-03	9.90E-05	3.20E-04	2.45E-03	0.00E+00	2.45E-03
1.55E-03	1.01E-04	3.28E-04	2.52E-03	0.00E+00	2.52E-03
1.58E-03	1.03E-04	3.37E-04	2.58E-03	0.00E+00	2.58E-03
1.61E-03	1.05E-04	3.46E-04	2.64E-03	0.00E+00	2.64E-03
1.64E-03	1.07E-04	3.55E-04	2.70E-03	0.00E+00	2.70E-03
1.67E-03	1.08E-04	3.64E-04	2.76E-03	0.00E+00	2.76E-03
1.69E-03	1.10E-04	3.75E-04	2.82E-03	0.00E+00	2.82E-03
1.72E-03	1.11E-04	3.85E-04	2.88E-03	0.00E+00	2.88E-03
1.74E-03	1.13E-04	3.96E-04	2.95E-03	0.00E+00	2.95E-03
1.76E-03	1.14E-04	4.08E-04	3.01E-03	0.00E+00	3.01E-03
1.79E-03	1.16E-04	4.21E-04	3.09E-03	0.00E+00	3.09E-03
1.82E-03	1.17E-04	4.37E-04	3.17E-03	0.00E+00	3.17E-03
1.85E-03	1.19E-04	4.55E-04	3.25E-03	0.00E+00	3.25E-03
1.88E-03	1.21E-04	4.77E-04	3.35E-03	0.00E+00	3.35E-03
1.92E-03	1.24E-04	5.05E-04	3.45E-03	0.00E+00	3.45E-03
1.95E-03	1.26E-04	5.41E-04	3.57E-03	0.00E+00	3.57E-03
1.99E-03	1.28E-04	5.87E-04	3.71E-03	0.00E+00	3.71E-03
2.03E-03	1.31E-04	6.52E-04	3.88E-03	0.00E+00	3.88E-03
2.08E-03	1.34E-04	7.41E-04	4.09E-03	0.00E+00	4.09E-03
2.13E-03	1.38E-04	8.65E-04	4.35E-03	0.00E+00	4.35E-03
2.18E-03	1.41E-04	1.04E-03	4.69E-03	0.00E+00	4.69E-03
2.24E-03	1.46E-04	1.26E-03	5.12E-03	0.00E+00	5.12E-03

2.31E-03	1.50E-04	1.56E-03	5.68E-03	0.00E+00	5.68E-03
2.39E-03	1.56E-04	1.94E-03	6.39E-03	0.00E+00	6.39E-03
2.49E-03	1.63E-04	2.39E-03	7.28E-03	0.00E+00	7.28E-03
2.61E-03	1.71E-04	2.92E-03	8.39E-03	0.00E+00	8.39E-03
2.75E-03	1.81E-04	3.49E-03	9.74E-03	0.00E+00	9.74E-03
2.94E-03	1.94E-04	4.07E-03	1.13E-02	0.00E+00	1.13E-02
3.18E-03	2.11E-04	4.61E-03	1.33E-02	0.00E+00	1.33E-02
3.50E-03	2.34E-04	5.09E-03	1.56E-02	0.00E+00	1.56E-02
3.92E-03	2.64E-04	5.46E-03	1.85E-02	0.00E+00	1.85E-02
4.48E-03	3.05E-04	5.78E-03	2.21E-02	0.00E+00	2.21E-02
5.03E-03	3.45E-04	5.98E-03	2.52E-02	0.00E+00	2.52E-02
5.36E-03	3.67E-04	6.10E-03	2.73E-02	0.00E+00	2.73E-02
5.54E-03	3.77E-04	6.17E-03	2.86E-02	0.00E+00	2.86E-02
5.60E-03	3.78E-04	6.21E-03	2.92E-02	0.00E+00	2.92E-02
5.55E-03	3.72E-04	6.22E-03	2.92E-02	0.00E+00	2.92E-02
5.44E-03	3.63E-04	6.20E-03	2.88E-02	0.00E+00	2.88E-02
5.29E-03	3.51E-04	6.16E-03	2.81E-02	0.00E+00	2.81E-02
5.11E-03	3.38E-04	6.09E-03	2.72E-02	0.00E+00	2.72E-02
4.94E-03	3.25E-04	5.99E-03	2.62E-02	0.00E+00	2.62E-02
4.76E-03	3.13E-04	5.87E-03	2.52E-02	0.00E+00	2.52E-02
4.58E-03	3.01E-04	5.73E-03	2.41E-02	0.00E+00	2.41E-02
4.41E-03	2.90E-04	5.57E-03	2.30E-02	0.00E+00	2.30E-02
4.24E-03	2.79E-04	5.39E-03	2.19E-02	0.00E+00	2.19E-02
4.08E-03	2.69E-04	5.21E-03	2.08E-02	0.00E+00	2.08E-02
3.93E-03	2.59E-04	5.02E-03	1.97E-02	0.00E+00	1.97E-02
3.79E-03	2.50E-04	4.83E-03	1.87E-02	0.00E+00	1.87E-02
3.66E-03	2.41E-04	4.63E-03	1.78E-02	0.00E+00	1.78E-02
3.53E-03	2.33E-04	4.43E-03	1.68E-02	0.00E+00	1.68E-02
3.41E-03	2.25E-04	4.24E-03	1.60E-02	0.00E+00	1.60E-02
3.30E-03	2.17E-04	4.06E-03	1.51E-02	0.00E+00	1.51E-02
3.19E-03	2.10E-04	3.87E-03	1.44E-02	0.00E+00	1.44E-02
3.08E-03	2.03E-04	3.70E-03	1.36E-02	0.00E+00	1.36E-02
2.98E-03	1.96E-04	3.53E-03	1.29E-02	0.00E+00	1.29E-02
2.89E-03	1.90E-04	3.37E-03	1.23E-02	0.00E+00	1.23E-02
2.80E-03	1.84E-04	3.21E-03	1.17E-02	0.00E+00	1.17E-02
2.71E-03	1.78E-04	3.07E-03	1.11E-02	0.00E+00	1.11E-02
2.63E-03	1.73E-04	2.93E-03	1.06E-02	0.00E+00	1.06E-02
2.55E-03	1.67E-04	2.79E-03	1.01E-02	0.00E+00	1.01E-02
2.47E-03	1.62E-04	2.67E-03	9.63E-03	0.00E+00	9.63E-03
2.40E-03	1.57E-04	2.55E-03	9.19E-03	0.00E+00	9.19E-03
2.34E-03	1.53E-04	2.43E-03	8.78E-03	0.00E+00	8.78E-03
2.27E-03	1.49E-04	2.32E-03	8.39E-03	0.00E+00	8.39E-03
2.21E-03	1.45E-04	2.22E-03	8.03E-03	0.00E+00	8.03E-03
2.15E-03	1.41E-04	2.12E-03	7.69E-03	0.00E+00	7.69E-03
2.10E-03	1.37E-04	2.03E-03	7.38E-03	0.00E+00	7.38E-03
2.05E-03	1.34E-04	1.94E-03	7.08E-03	0.00E+00	7.08E-03
1.36E-03	8.90E-05	2.96E-04	2.20E-03	0.00E+00	2.20E-03
1.41E-03	9.23E-05	3.04E-04	2.28E-03	0.00E+00	2.28E-03
1.46E-03	9.55E-05	3.12E-04	2.35E-03	0.00E+00	2.35E-03
1.51E-03	9.84E-05	3.21E-04	2.43E-03	0.00E+00	2.43E-03
1.55E-03	1.01E-04	3.30E-04	2.50E-03	0.00E+00	2.50E-03
1.60E-03	1.04E-04	3.39E-04	2.58E-03	0.00E+00	2.58E-03
1.64E-03	1.07E-04	3.49E-04	2.66E-03	0.00E+00	2.66E-03
1.68E-03	1.10E-04	3.59E-04	2.73E-03	0.00E+00	2.73E-03
1.71E-03	1.12E-04	3.69E-04	2.80E-03	0.00E+00	2.80E-03

1.74E-03	1.14E-04	3.80E-04	2.87E-03	0.00E+00	2.87E-03
1.77E-03	1.15E-04	3.91E-04	2.94E-03	0.00E+00	2.94E-03
1.80E-03	1.17E-04	4.02E-04	3.01E-03	0.00E+00	3.01E-03
1.83E-03	1.18E-04	4.14E-04	3.08E-03	0.00E+00	3.08E-03
1.85E-03	1.20E-04	4.26E-04	3.15E-03	0.00E+00	3.15E-03
1.88E-03	1.21E-04	4.38E-04	3.22E-03	0.00E+00	3.22E-03
1.90E-03	1.23E-04	4.52E-04	3.29E-03	0.00E+00	3.29E-03
1.93E-03	1.25E-04	4.66E-04	3.38E-03	0.00E+00	3.38E-03
1.97E-03	1.27E-04	4.83E-04	3.47E-03	0.00E+00	3.47E-03
2.00E-03	1.29E-04	5.02E-04	3.57E-03	0.00E+00	3.57E-03
2.03E-03	1.31E-04	5.24E-04	3.67E-03	0.00E+00	3.67E-03
2.07E-03	1.33E-04	5.51E-04	3.79E-03	0.00E+00	3.79E-03
2.10E-03	1.36E-04	5.87E-04	3.92E-03	0.00E+00	3.92E-03
2.14E-03	1.38E-04	6.33E-04	4.08E-03	0.00E+00	4.08E-03
2.19E-03	1.41E-04	6.96E-04	4.26E-03	0.00E+00	4.26E-03
2.23E-03	1.45E-04	7.85E-04	4.48E-03	0.00E+00	4.48E-03
2.28E-03	1.48E-04	9.12E-04	4.76E-03	0.00E+00	4.76E-03
2.34E-03	1.52E-04	1.09E-03	5.13E-03	0.00E+00	5.13E-03
2.40E-03	1.56E-04	1.34E-03	5.61E-03	0.00E+00	5.61E-03
2.47E-03	1.61E-04	1.68E-03	6.24E-03	0.00E+00	6.24E-03
2.56E-03	1.68E-04	2.12E-03	7.06E-03	0.00E+00	7.06E-03
2.67E-03	1.75E-04	2.67E-03	8.12E-03	0.00E+00	8.12E-03
2.81E-03	1.85E-04	3.31E-03	9.44E-03	0.00E+00	9.44E-03
2.98E-03	1.97E-04	4.02E-03	1.11E-02	0.00E+00	1.11E-02
3.20E-03	2.12E-04	4.73E-03	1.30E-02	0.00E+00	1.30E-02
3.51E-03	2.34E-04	5.40E-03	1.54E-02	0.00E+00	1.54E-02
3.96E-03	2.66E-04	5.97E-03	1.83E-02	0.00E+00	1.83E-02
4.67E-03	3.17E-04	6.42E-03	2.24E-02	0.00E+00	2.24E-02
5.83E-03	4.05E-04	6.77E-03	2.82E-02	0.00E+00	2.82E-02
7.22E-03	5.14E-04	6.96E-03	3.34E-02	0.00E+00	3.34E-02
8.00E-03	5.71E-04	7.07E-03	3.63E-02	0.00E+00	3.63E-02
7.99E-03	5.63E-04	7.13E-03	3.72E-02	0.00E+00	3.72E-02
7.64E-03	5.30E-04	7.16E-03	3.69E-02	0.00E+00	3.69E-02
7.22E-03	4.93E-04	7.14E-03	3.60E-02	0.00E+00	3.60E-02
6.81E-03	4.61E-04	7.09E-03	3.48E-02	0.00E+00	3.48E-02
6.43E-03	4.32E-04	7.01E-03	3.33E-02	0.00E+00	3.33E-02
6.08E-03	4.05E-04	6.88E-03	3.17E-02	0.00E+00	3.17E-02
5.76E-03	3.82E-04	6.73E-03	3.01E-02	0.00E+00	3.01E-02
5.47E-03	3.62E-04	6.54E-03	2.85E-02	0.00E+00	2.85E-02
5.21E-03	3.44E-04	6.33E-03	2.69E-02	0.00E+00	2.69E-02
4.96E-03	3.27E-04	6.11E-03	2.54E-02	0.00E+00	2.54E-02
4.74E-03	3.12E-04	5.87E-03	2.39E-02	0.00E+00	2.39E-02
4.53E-03	2.99E-04	5.63E-03	2.26E-02	0.00E+00	2.26E-02
4.33E-03	2.86E-04	5.38E-03	2.12E-02	0.00E+00	2.12E-02
4.15E-03	2.74E-04	5.14E-03	2.00E-02	0.00E+00	2.00E-02
3.98E-03	2.63E-04	4.90E-03	1.88E-02	0.00E+00	1.88E-02
3.83E-03	2.52E-04	4.66E-03	1.77E-02	0.00E+00	1.77E-02
3.68E-03	2.43E-04	4.43E-03	1.67E-02	0.00E+00	1.67E-02
3.55E-03	2.33E-04	4.22E-03	1.58E-02	0.00E+00	1.58E-02
3.42E-03	2.25E-04	4.01E-03	1.49E-02	0.00E+00	1.49E-02
3.29E-03	2.17E-04	3.81E-03	1.41E-02	0.00E+00	1.41E-02
3.18E-03	2.09E-04	3.62E-03	1.33E-02	0.00E+00	1.33E-02
3.07E-03	2.02E-04	3.44E-03	1.26E-02	0.00E+00	1.26E-02
2.96E-03	1.95E-04	3.27E-03	1.19E-02	0.00E+00	1.19E-02
2.87E-03	1.88E-04	3.11E-03	1.13E-02	0.00E+00	1.13E-02

2.77E-03	1.82E-04	2.96E-03	1.08E-02	0.00E+00	1.08E-02
2.68E-03	1.76E-04	2.81E-03	1.02E-02	0.00E+00	1.02E-02
2.60E-03	1.70E-04	2.68E-03	9.73E-03	0.00E+00	9.73E-03
2.52E-03	1.65E-04	2.55E-03	9.27E-03	0.00E+00	9.27E-03
2.44E-03	1.60E-04	2.43E-03	8.85E-03	0.00E+00	8.85E-03
2.38E-03	1.55E-04	2.32E-03	8.44E-03	0.00E+00	8.44E-03
2.31E-03	1.51E-04	2.21E-03	8.07E-03	0.00E+00	8.07E-03
2.25E-03	1.47E-04	2.11E-03	7.72E-03	0.00E+00	7.72E-03
2.19E-03	1.43E-04	2.01E-03	7.39E-03	0.00E+00	7.39E-03
2.13E-03	1.39E-04	1.93E-03	7.09E-03	0.00E+00	7.09E-03
1.40E-03	9.17E-05	3.10E-04	2.28E-03	0.00E+00	2.28E-03
1.46E-03	9.55E-05	3.20E-04	2.36E-03	0.00E+00	2.36E-03
1.52E-03	9.93E-05	3.29E-04	2.45E-03	0.00E+00	2.45E-03
1.58E-03	1.03E-04	3.39E-04	2.54E-03	0.00E+00	2.54E-03
1.63E-03	1.07E-04	3.49E-04	2.63E-03	0.00E+00	2.63E-03
1.68E-03	1.10E-04	3.60E-04	2.72E-03	0.00E+00	2.72E-03
1.74E-03	1.14E-04	3.71E-04	2.81E-03	0.00E+00	2.81E-03
1.78E-03	1.17E-04	3.83E-04	2.90E-03	0.00E+00	2.90E-03
1.82E-03	1.19E-04	3.94E-04	2.98E-03	0.00E+00	2.98E-03
1.86E-03	1.22E-04	4.06E-04	3.06E-03	0.00E+00	3.06E-03
1.90E-03	1.24E-04	4.19E-04	3.14E-03	0.00E+00	3.14E-03
1.93E-03	1.25E-04	4.32E-04	3.21E-03	0.00E+00	3.21E-03
1.96E-03	1.27E-04	4.46E-04	3.29E-03	0.00E+00	3.29E-03
1.98E-03	1.29E-04	4.60E-04	3.37E-03	0.00E+00	3.37E-03
2.01E-03	1.30E-04	4.73E-04	3.45E-03	0.00E+00	3.45E-03
2.04E-03	1.32E-04	4.88E-04	3.53E-03	0.00E+00	3.53E-03
2.07E-03	1.34E-04	5.04E-04	3.63E-03	0.00E+00	3.63E-03
2.10E-03	1.35E-04	5.21E-04	3.72E-03	0.00E+00	3.72E-03
2.13E-03	1.38E-04	5.39E-04	3.83E-03	0.00E+00	3.83E-03
2.17E-03	1.40E-04	5.60E-04	3.94E-03	0.00E+00	3.94E-03
2.20E-03	1.42E-04	5.83E-04	4.06E-03	0.00E+00	4.06E-03
2.24E-03	1.44E-04	6.10E-04	4.19E-03	0.00E+00	4.19E-03
2.28E-03	1.47E-04	6.45E-04	4.34E-03	0.00E+00	4.34E-03
2.31E-03	1.50E-04	6.90E-04	4.51E-03	0.00E+00	4.51E-03
2.35E-03	1.53E-04	7.52E-04	4.71E-03	0.00E+00	4.71E-03
2.40E-03	1.56E-04	8.39E-04	4.95E-03	0.00E+00	4.95E-03
2.45E-03	1.59E-04	9.66E-04	5.26E-03	0.00E+00	5.26E-03
2.51E-03	1.63E-04	1.15E-03	5.66E-03	0.00E+00	5.66E-03
2.57E-03	1.68E-04	1.42E-03	6.20E-03	0.00E+00	6.20E-03
2.65E-03	1.73E-04	1.81E-03	6.93E-03	0.00E+00	6.93E-03
2.75E-03	1.80E-04	2.33E-03	7.90E-03	0.00E+00	7.90E-03
2.86E-03	1.88E-04	2.99E-03	9.17E-03	0.00E+00	9.17E-03
3.02E-03	1.99E-04	3.79E-03	1.08E-02	0.00E+00	1.08E-02
3.22E-03	2.12E-04	4.67E-03	1.28E-02	0.00E+00	1.28E-02
3.49E-03	2.32E-04	5.58E-03	1.53E-02	0.00E+00	1.53E-02
3.89E-03	2.60E-04	6.42E-03	1.83E-02	0.00E+00	1.83E-02
4.50E-03	3.03E-04	7.09E-03	2.21E-02	0.00E+00	2.21E-02
5.63E-03	3.87E-04	7.64E-03	2.76E-02	0.00E+00	2.76E-02
8.12E-03	5.87E-04	8.00E-03	3.60E-02	0.00E+00	3.60E-02
7.14E-03	5.10E-04	8.18E-03	4.06E-02	0.00E+00	4.06E-02
6.06E-03	4.23E-04	8.28E-03	4.22E-02	0.00E+00	4.22E-02
1.26E-02	9.31E-04	8.33E-03	4.97E-02	0.00E+00	4.97E-02
1.08E-02	7.76E-04	8.33E-03	4.72E-02	0.00E+00	4.72E-02
9.56E-03	6.69E-04	8.27E-03	4.45E-02	0.00E+00	4.45E-02
8.59E-03	5.91E-04	8.16E-03	4.19E-02	0.00E+00	4.19E-02

7.84E-03	5.33E-04	8.00E-03	3.93E-02	0.00E+00	3.93E-02
7.24E-03	4.87E-04	7.79E-03	3.68E-02	0.00E+00	3.68E-02
6.73E-03	4.50E-04	7.54E-03	3.43E-02	0.00E+00	3.43E-02
6.29E-03	4.18E-04	7.26E-03	3.21E-02	0.00E+00	3.21E-02
5.91E-03	3.91E-04	6.97E-03	2.99E-02	0.00E+00	2.99E-02
5.58E-03	3.69E-04	6.66E-03	2.79E-02	0.00E+00	2.79E-02
5.28E-03	3.49E-04	6.35E-03	2.60E-02	0.00E+00	2.60E-02
5.01E-03	3.31E-04	6.03E-03	2.42E-02	0.00E+00	2.42E-02
4.77E-03	3.15E-04	5.73E-03	2.26E-02	0.00E+00	2.26E-02
4.54E-03	3.00E-04	5.42E-03	2.11E-02	0.00E+00	2.11E-02
4.34E-03	2.86E-04	5.14E-03	1.98E-02	0.00E+00	1.98E-02
4.15E-03	2.74E-04	4.86E-03	1.85E-02	0.00E+00	1.85E-02
3.97E-03	2.62E-04	4.59E-03	1.73E-02	0.00E+00	1.73E-02
3.81E-03	2.51E-04	4.35E-03	1.63E-02	0.00E+00	1.63E-02
3.66E-03	2.41E-04	4.11E-03	1.53E-02	0.00E+00	1.53E-02
3.52E-03	2.31E-04	3.89E-03	1.44E-02	0.00E+00	1.44E-02
3.38E-03	2.22E-04	3.68E-03	1.36E-02	0.00E+00	1.36E-02
3.26E-03	2.14E-04	3.48E-03	1.28E-02	0.00E+00	1.28E-02
3.14E-03	2.06E-04	3.30E-03	1.21E-02	0.00E+00	1.21E-02
3.03E-03	1.99E-04	3.13E-03	1.15E-02	0.00E+00	1.15E-02
2.92E-03	1.92E-04	2.96E-03	1.09E-02	0.00E+00	1.09E-02
2.82E-03	1.85E-04	2.81E-03	1.03E-02	0.00E+00	1.03E-02
2.73E-03	1.79E-04	2.67E-03	9.79E-03	0.00E+00	9.79E-03
2.64E-03	1.73E-04	2.54E-03	9.32E-03	0.00E+00	9.32E-03
2.56E-03	1.67E-04	2.42E-03	8.87E-03	0.00E+00	8.87E-03
2.48E-03	1.62E-04	2.30E-03	8.46E-03	0.00E+00	8.46E-03
2.41E-03	1.57E-04	2.19E-03	8.07E-03	0.00E+00	8.07E-03
2.34E-03	1.53E-04	2.08E-03	7.71E-03	0.00E+00	7.71E-03
2.27E-03	1.49E-04	1.99E-03	7.38E-03	0.00E+00	7.38E-03
2.21E-03	1.45E-04	1.90E-03	7.07E-03	0.00E+00	7.07E-03
1.51E-03	9.85E-05	3.35E-04	2.44E-03	0.00E+00	2.44E-03
1.57E-03	1.03E-04	3.46E-04	2.55E-03	0.00E+00	2.55E-03
1.64E-03	1.07E-04	3.57E-04	2.65E-03	0.00E+00	2.65E-03
1.71E-03	1.12E-04	3.69E-04	2.76E-03	0.00E+00	2.76E-03
1.77E-03	1.16E-04	3.81E-04	2.86E-03	0.00E+00	2.86E-03
1.84E-03	1.20E-04	3.94E-04	2.97E-03	0.00E+00	2.97E-03
1.90E-03	1.24E-04	4.07E-04	3.07E-03	0.00E+00	3.07E-03
1.95E-03	1.28E-04	4.20E-04	3.17E-03	0.00E+00	3.17E-03
2.00E-03	1.31E-04	4.35E-04	3.27E-03	0.00E+00	3.27E-03
2.04E-03	1.33E-04	4.49E-04	3.36E-03	0.00E+00	3.36E-03
2.08E-03	1.36E-04	4.64E-04	3.45E-03	0.00E+00	3.45E-03
2.11E-03	1.37E-04	4.80E-04	3.53E-03	0.00E+00	3.53E-03
2.14E-03	1.39E-04	4.96E-04	3.62E-03	0.00E+00	3.62E-03
2.17E-03	1.41E-04	5.13E-04	3.71E-03	0.00E+00	3.71E-03
2.20E-03	1.42E-04	5.30E-04	3.80E-03	0.00E+00	3.80E-03
2.23E-03	1.44E-04	5.48E-04	3.91E-03	0.00E+00	3.91E-03
2.27E-03	1.46E-04	5.67E-04	4.02E-03	0.00E+00	4.02E-03
2.30E-03	1.48E-04	5.87E-04	4.13E-03	0.00E+00	4.13E-03
2.33E-03	1.50E-04	6.08E-04	4.25E-03	0.00E+00	4.25E-03
2.37E-03	1.53E-04	6.31E-04	4.38E-03	0.00E+00	4.38E-03
2.40E-03	1.55E-04	6.57E-04	4.52E-03	0.00E+00	4.52E-03
2.43E-03	1.57E-04	6.86E-04	4.67E-03	0.00E+00	4.67E-03
2.47E-03	1.60E-04	7.21E-04	4.84E-03	0.00E+00	4.84E-03
2.50E-03	1.62E-04	7.66E-04	5.02E-03	0.00E+00	5.02E-03
2.54E-03	1.65E-04	8.26E-04	5.25E-03	0.00E+00	5.25E-03

2.58E-03	1.68E-04	9.10E-04	5.52E-03	0.00E+00	5.52E-03
2.63E-03	1.71E-04	1.03E-03	5.86E-03	0.00E+00	5.86E-03
2.69E-03	1.75E-04	1.22E-03	6.31E-03	0.00E+00	6.31E-03
2.75E-03	1.80E-04	1.51E-03	6.92E-03	0.00E+00	6.92E-03
2.83E-03	1.85E-04	1.94E-03	7.77E-03	0.00E+00	7.77E-03
2.93E-03	1.92E-04	2.55E-03	8.93E-03	0.00E+00	8.93E-03
3.06E-03	2.01E-04	3.36E-03	1.05E-02	0.00E+00	1.05E-02
3.23E-03	2.13E-04	4.37E-03	1.26E-02	0.00E+00	1.26E-02
3.45E-03	2.28E-04	5.50E-03	1.52E-02	0.00E+00	1.52E-02
3.77E-03	2.50E-04	6.68E-03	1.84E-02	0.00E+00	1.84E-02
4.24E-03	2.84E-04	7.75E-03	2.26E-02	0.00E+00	2.26E-02
5.01E-03	3.39E-04	8.59E-03	2.81E-02	0.00E+00	2.81E-02
5.83E-03	4.05E-04	9.83E-03	4.96E-02	0.00E+00	4.96E-02
1.44E-02	1.09E-03	9.84E-03	6.00E-02	0.00E+00	6.00E-02
1.55E-02	1.16E-03	9.78E-03	6.00E-02	0.00E+00	6.00E-02
1.27E-02	9.16E-04	9.64E-03	5.48E-02	0.00E+00	5.48E-02
1.09E-02	7.65E-04	9.42E-03	5.02E-02	0.00E+00	5.02E-02
9.58E-03	6.61E-04	9.14E-03	4.61E-02	0.00E+00	4.61E-02
8.61E-03	5.86E-04	8.80E-03	4.23E-02	0.00E+00	4.23E-02
7.86E-03	5.30E-04	8.43E-03	3.89E-02	0.00E+00	3.89E-02
7.23E-03	4.84E-04	8.03E-03	3.57E-02	0.00E+00	3.57E-02
6.71E-03	4.47E-04	7.62E-03	3.29E-02	0.00E+00	3.29E-02
6.27E-03	4.16E-04	7.21E-03	3.03E-02	0.00E+00	3.03E-02
5.89E-03	3.89E-04	6.80E-03	2.79E-02	0.00E+00	2.79E-02
5.55E-03	3.66E-04	6.41E-03	2.58E-02	0.00E+00	2.58E-02
5.25E-03	3.46E-04	6.03E-03	2.39E-02	0.00E+00	2.39E-02
4.97E-03	3.28E-04	5.68E-03	2.21E-02	0.00E+00	2.21E-02
4.72E-03	3.11E-04	5.34E-03	2.05E-02	0.00E+00	2.05E-02
4.50E-03	2.96E-04	5.02E-03	1.91E-02	0.00E+00	1.91E-02
4.29E-03	2.83E-04	4.72E-03	1.78E-02	0.00E+00	1.78E-02
4.10E-03	2.70E-04	4.44E-03	1.67E-02	0.00E+00	1.67E-02
3.92E-03	2.58E-04	4.18E-03	1.56E-02	0.00E+00	1.56E-02
3.75E-03	2.47E-04	3.94E-03	1.46E-02	0.00E+00	1.46E-02
3.60E-03	2.37E-04	3.71E-03	1.38E-02	0.00E+00	1.38E-02
3.46E-03	2.27E-04	3.50E-03	1.29E-02	0.00E+00	1.29E-02
3.32E-03	2.18E-04	3.30E-03	1.22E-02	0.00E+00	1.22E-02
3.19E-03	2.10E-04	3.12E-03	1.15E-02	0.00E+00	1.15E-02
3.08E-03	2.02E-04	2.95E-03	1.09E-02	0.00E+00	1.09E-02
2.97E-03	1.94E-04	2.79E-03	1.03E-02	0.00E+00	1.03E-02
2.86E-03	1.87E-04	2.65E-03	9.80E-03	0.00E+00	9.80E-03
2.77E-03	1.81E-04	2.51E-03	9.31E-03	0.00E+00	9.31E-03
2.68E-03	1.75E-04	2.38E-03	8.85E-03	0.00E+00	8.85E-03
2.59E-03	1.69E-04	2.26E-03	8.43E-03	0.00E+00	8.43E-03
2.51E-03	1.64E-04	2.15E-03	8.05E-03	0.00E+00	8.05E-03
2.44E-03	1.59E-04	2.05E-03	7.68E-03	0.00E+00	7.68E-03
2.37E-03	1.55E-04	1.95E-03	7.35E-03	0.00E+00	7.35E-03
2.30E-03	1.50E-04	1.86E-03	7.03E-03	0.00E+00	7.03E-03
2.23E-03	1.46E-04	1.77E-03	6.74E-03	0.00E+00	6.74E-03
1.62E-03	1.06E-04	3.63E-04	2.63E-03	0.00E+00	2.63E-03
1.70E-03	1.12E-04	3.75E-04	2.75E-03	0.00E+00	2.75E-03
1.78E-03	1.17E-04	3.88E-04	2.88E-03	0.00E+00	2.88E-03
1.86E-03	1.22E-04	4.02E-04	3.00E-03	0.00E+00	3.00E-03
1.94E-03	1.28E-04	4.16E-04	3.13E-03	0.00E+00	3.13E-03
2.02E-03	1.33E-04	4.31E-04	3.25E-03	0.00E+00	3.25E-03
2.09E-03	1.37E-04	4.47E-04	3.38E-03	0.00E+00	3.38E-03

2.16E-03	1.41E-04	4.64E-04	3.50E-03	0.00E+00	3.50E-03
2.21E-03	1.45E-04	4.81E-04	3.60E-03	0.00E+00	3.60E-03
2.26E-03	1.47E-04	4.98E-04	3.71E-03	0.00E+00	3.71E-03
2.30E-03	1.50E-04	5.17E-04	3.81E-03	0.00E+00	3.81E-03
2.33E-03	1.51E-04	5.36E-04	3.91E-03	0.00E+00	3.91E-03
2.36E-03	1.53E-04	5.56E-04	4.01E-03	0.00E+00	4.01E-03
2.40E-03	1.55E-04	5.76E-04	4.11E-03	0.00E+00	4.11E-03
2.43E-03	1.57E-04	5.98E-04	4.23E-03	0.00E+00	4.23E-03
2.47E-03	1.59E-04	6.20E-04	4.35E-03	0.00E+00	4.35E-03
2.50E-03	1.61E-04	6.44E-04	4.48E-03	0.00E+00	4.48E-03
2.54E-03	1.64E-04	6.68E-04	4.61E-03	0.00E+00	4.61E-03
2.57E-03	1.66E-04	6.94E-04	4.75E-03	0.00E+00	4.75E-03
2.60E-03	1.68E-04	7.21E-04	4.90E-03	0.00E+00	4.90E-03
2.63E-03	1.70E-04	7.50E-04	5.06E-03	0.00E+00	5.06E-03
2.66E-03	1.72E-04	7.84E-04	5.23E-03	0.00E+00	5.23E-03
2.68E-03	1.74E-04	8.21E-04	5.42E-03	0.00E+00	5.42E-03
2.71E-03	1.77E-04	8.66E-04	5.64E-03	0.00E+00	5.64E-03
2.74E-03	1.79E-04	9.24E-04	5.89E-03	0.00E+00	5.89E-03
2.78E-03	1.81E-04	1.01E-03	6.19E-03	0.00E+00	6.19E-03
2.82E-03	1.84E-04	1.13E-03	6.58E-03	0.00E+00	6.58E-03
2.87E-03	1.88E-04	1.31E-03	7.09E-03	0.00E+00	7.09E-03
2.94E-03	1.93E-04	1.61E-03	7.78E-03	0.00E+00	7.78E-03
3.02E-03	1.98E-04	2.08E-03	8.78E-03	0.00E+00	8.78E-03
3.12E-03	2.05E-04	2.78E-03	1.02E-02	0.00E+00	1.02E-02
3.26E-03	2.15E-04	3.79E-03	1.22E-02	0.00E+00	1.22E-02
3.44E-03	2.27E-04	5.08E-03	1.49E-02	0.00E+00	1.49E-02
3.68E-03	2.43E-04	6.58E-03	1.84E-02	0.00E+00	1.84E-02
4.01E-03	2.67E-04	8.14E-03	2.29E-02	0.00E+00	2.29E-02
4.52E-03	3.03E-04	9.54E-03	2.88E-02	0.00E+00	2.88E-02
1.08E-02	7.89E-04	1.18E-02	6.31E-02	0.00E+00	6.31E-02
1.19E-02	8.73E-04	1.16E-02	6.39E-02	0.00E+00	6.39E-02
1.74E-02	1.30E-03	1.13E-02	6.72E-02	0.00E+00	6.72E-02
1.40E-02	1.01E-03	1.09E-02	5.99E-02	0.00E+00	5.99E-02
1.18E-02	8.34E-04	1.04E-02	5.36E-02	0.00E+00	5.36E-02
1.03E-02	7.14E-04	9.89E-03	4.82E-02	0.00E+00	4.82E-02
9.20E-03	6.27E-04	9.34E-03	4.35E-02	0.00E+00	4.35E-02
8.34E-03	5.63E-04	8.79E-03	3.93E-02	0.00E+00	3.93E-02
7.64E-03	5.12E-04	8.24E-03	3.57E-02	0.00E+00	3.57E-02
7.06E-03	4.70E-04	7.71E-03	3.24E-02	0.00E+00	3.24E-02
6.57E-03	4.36E-04	7.21E-03	2.96E-02	0.00E+00	2.96E-02
6.15E-03	4.07E-04	6.73E-03	2.71E-02	0.00E+00	2.71E-02
5.77E-03	3.81E-04	6.29E-03	2.49E-02	0.00E+00	2.49E-02
5.44E-03	3.59E-04	5.87E-03	2.29E-02	0.00E+00	2.29E-02
5.15E-03	3.39E-04	5.48E-03	2.11E-02	0.00E+00	2.11E-02
4.87E-03	3.21E-04	5.13E-03	1.96E-02	0.00E+00	1.96E-02
4.63E-03	3.05E-04	4.79E-03	1.82E-02	0.00E+00	1.82E-02
4.40E-03	2.90E-04	4.48E-03	1.69E-02	0.00E+00	1.69E-02
4.20E-03	2.76E-04	4.20E-03	1.58E-02	0.00E+00	1.58E-02
4.01E-03	2.64E-04	3.95E-03	1.48E-02	0.00E+00	1.48E-02
3.83E-03	2.52E-04	3.70E-03	1.38E-02	0.00E+00	1.38E-02
3.67E-03	2.41E-04	3.48E-03	1.30E-02	0.00E+00	1.30E-02
3.51E-03	2.31E-04	3.28E-03	1.22E-02	0.00E+00	1.22E-02
3.37E-03	2.21E-04	3.09E-03	1.15E-02	0.00E+00	1.15E-02
3.24E-03	2.12E-04	2.92E-03	1.09E-02	0.00E+00	1.09E-02
3.12E-03	2.04E-04	2.76E-03	1.03E-02	0.00E+00	1.03E-02



3.00E-03	1.96E-04	2.61E-03	9.77E-03	0.00E+00	9.77E-03
2.90E-03	1.89E-04	2.47E-03	9.27E-03	0.00E+00	9.27E-03
2.80E-03	1.83E-04	2.34E-03	8.81E-03	0.00E+00	8.81E-03
2.71E-03	1.77E-04	2.22E-03	8.38E-03	0.00E+00	8.38E-03
2.62E-03	1.71E-04	2.11E-03	7.99E-03	0.00E+00	7.99E-03
2.54E-03	1.66E-04	2.00E-03	7.63E-03	0.00E+00	7.63E-03
2.46E-03	1.61E-04	1.90E-03	7.29E-03	0.00E+00	7.29E-03
2.39E-03	1.56E-04	1.81E-03	6.98E-03	0.00E+00	6.98E-03
2.32E-03	1.51E-04	1.73E-03	6.68E-03	0.00E+00	6.68E-03
1.76E-03	1.15E-04	3.93E-04	2.85E-03	0.00E+00	2.85E-03
1.85E-03	1.22E-04	4.08E-04	2.99E-03	0.00E+00	2.99E-03
1.95E-03	1.28E-04	4.23E-04	3.14E-03	0.00E+00	3.14E-03
2.05E-03	1.35E-04	4.39E-04	3.29E-03	0.00E+00	3.29E-03
2.15E-03	1.41E-04	4.56E-04	3.44E-03	0.00E+00	3.44E-03
2.24E-03	1.48E-04	4.74E-04	3.59E-03	0.00E+00	3.59E-03
2.33E-03	1.53E-04	4.93E-04	3.74E-03	0.00E+00	3.74E-03
2.41E-03	1.58E-04	5.12E-04	3.88E-03	0.00E+00	3.88E-03
2.47E-03	1.62E-04	5.33E-04	4.01E-03	0.00E+00	4.01E-03
2.52E-03	1.65E-04	5.55E-04	4.12E-03	0.00E+00	4.12E-03
2.56E-03	1.67E-04	5.77E-04	4.24E-03	0.00E+00	4.24E-03
2.60E-03	1.69E-04	6.01E-04	4.35E-03	0.00E+00	4.35E-03
2.64E-03	1.71E-04	6.25E-04	4.47E-03	0.00E+00	4.47E-03
2.68E-03	1.73E-04	6.51E-04	4.60E-03	0.00E+00	4.60E-03
2.71E-03	1.75E-04	6.79E-04	4.74E-03	0.00E+00	4.74E-03
2.75E-03	1.78E-04	7.08E-04	4.88E-03	0.00E+00	4.88E-03
2.79E-03	1.80E-04	7.37E-04	5.03E-03	0.00E+00	5.03E-03
2.82E-03	1.82E-04	7.68E-04	5.18E-03	0.00E+00	5.18E-03
2.84E-03	1.84E-04	8.01E-04	5.34E-03	0.00E+00	5.34E-03
2.87E-03	1.86E-04	8.34E-04	5.51E-03	0.00E+00	5.51E-03
2.89E-03	1.88E-04	8.69E-04	5.69E-03	0.00E+00	5.69E-03
2.91E-03	1.89E-04	9.09E-04	5.89E-03	0.00E+00	5.89E-03
2.92E-03	1.91E-04	9.51E-04	6.11E-03	0.00E+00	6.11E-03
2.94E-03	1.92E-04	1.00E-03	6.36E-03	0.00E+00	6.36E-03
2.96E-03	1.94E-04	1.06E-03	6.65E-03	0.00E+00	6.65E-03
2.99E-03	1.96E-04	1.14E-03	7.00E-03	0.00E+00	7.00E-03
3.03E-03	1.98E-04	1.25E-03	7.44E-03	0.00E+00	7.44E-03
3.07E-03	2.01E-04	1.43E-03	8.03E-03	0.00E+00	8.03E-03
3.13E-03	2.06E-04	1.72E-03	8.83E-03	0.00E+00	8.83E-03
3.21E-03	2.11E-04	2.22E-03	9.99E-03	0.00E+00	9.99E-03
3.31E-03	2.18E-04	3.04E-03	1.17E-02	0.00E+00	1.17E-02
3.45E-03	2.27E-04	4.28E-03	1.43E-02	0.00E+00	1.43E-02
3.63E-03	2.40E-04	5.96E-03	1.78E-02	0.00E+00	1.78E-02
3.87E-03	2.56E-04	7.99E-03	2.26E-02	0.00E+00	2.26E-02
4.21E-03	2.80E-04	1.02E-02	2.89E-02	0.00E+00	2.89E-02
4.71E-03	3.15E-04	1.21E-02	3.69E-02	0.00E+00	3.69E-02
9.01E-03	6.40E-04	1.38E-02	6.67E-02	0.00E+00	6.67E-02
1.19E-02	8.69E-04	1.32E-02	6.82E-02	0.00E+00	6.82E-02
1.88E-02	1.41E-03	1.25E-02	7.13E-02	0.00E+00	7.13E-02
1.50E-02	1.09E-03	1.18E-02	6.21E-02	0.00E+00	6.21E-02
1.26E-02	8.90E-04	1.10E-02	5.45E-02	0.00E+00	5.45E-02
1.09E-02	7.56E-04	1.02E-02	4.81E-02	0.00E+00	4.81E-02
9.68E-03	6.61E-04	9.50E-03	4.27E-02	0.00E+00	4.27E-02
8.74E-03	5.91E-04	8.80E-03	3.81E-02	0.00E+00	3.81E-02
7.98E-03	5.34E-04	8.14E-03	3.42E-02	0.00E+00	3.42E-02
7.35E-03	4.90E-04	7.53E-03	3.09E-02	0.00E+00	3.09E-02

6.82E-03	4.53E-04	6.98E-03	2.81E-02	0.00E+00	2.81E-02
6.37E-03	4.21E-04	6.46E-03	2.56E-02	0.00E+00	2.56E-02
5.97E-03	3.94E-04	5.99E-03	2.34E-02	0.00E+00	2.34E-02
5.61E-03	3.70E-04	5.56E-03	2.15E-02	0.00E+00	2.15E-02
5.29E-03	3.49E-04	5.17E-03	1.99E-02	0.00E+00	1.99E-02
5.00E-03	3.30E-04	4.81E-03	1.84E-02	0.00E+00	1.84E-02
4.74E-03	3.12E-04	4.48E-03	1.70E-02	0.00E+00	1.70E-02
4.50E-03	2.96E-04	4.19E-03	1.59E-02	0.00E+00	1.59E-02
4.28E-03	2.82E-04	3.92E-03	1.48E-02	0.00E+00	1.48E-02
4.08E-03	2.68E-04	3.67E-03	1.39E-02	0.00E+00	1.39E-02
3.89E-03	2.55E-04	3.44E-03	1.30E-02	0.00E+00	1.30E-02
3.72E-03	2.44E-04	3.23E-03	1.22E-02	0.00E+00	1.22E-02
3.56E-03	2.33E-04	3.04E-03	1.15E-02	0.00E+00	1.15E-02
3.41E-03	2.23E-04	2.86E-03	1.08E-02	0.00E+00	1.08E-02
3.28E-03	2.14E-04	2.70E-03	1.02E-02	0.00E+00	1.02E-02
3.15E-03	2.06E-04	2.54E-03	9.70E-03	0.00E+00	9.70E-03
3.04E-03	1.98E-04	2.41E-03	9.20E-03	0.00E+00	9.20E-03
2.93E-03	1.91E-04	2.28E-03	8.74E-03	0.00E+00	8.74E-03
2.83E-03	1.85E-04	2.16E-03	8.31E-03	0.00E+00	8.31E-03
2.73E-03	1.78E-04	2.05E-03	7.92E-03	0.00E+00	7.92E-03
2.64E-03	1.73E-04	1.95E-03	7.56E-03	0.00E+00	7.56E-03
2.56E-03	1.67E-04	1.85E-03	7.22E-03	0.00E+00	7.22E-03
2.48E-03	1.62E-04	1.76E-03	6.91E-03	0.00E+00	6.91E-03
2.40E-03	1.57E-04	1.68E-03	6.61E-03	0.00E+00	6.61E-03
1.92E-03	1.26E-04	4.27E-04	3.09E-03	0.00E+00	3.09E-03
2.03E-03	1.34E-04	4.43E-04	3.26E-03	0.00E+00	3.26E-03
2.16E-03	1.42E-04	4.61E-04	3.44E-03	0.00E+00	3.44E-03
2.28E-03	1.50E-04	4.80E-04	3.62E-03	0.00E+00	3.62E-03
2.40E-03	1.59E-04	5.00E-04	3.81E-03	0.00E+00	3.81E-03
2.52E-03	1.66E-04	5.21E-04	4.00E-03	0.00E+00	4.00E-03
2.63E-03	1.73E-04	5.43E-04	4.17E-03	0.00E+00	4.17E-03
2.72E-03	1.79E-04	5.67E-04	4.34E-03	0.00E+00	4.34E-03
2.80E-03	1.83E-04	5.93E-04	4.49E-03	0.00E+00	4.49E-03
2.85E-03	1.86E-04	6.19E-04	4.63E-03	0.00E+00	4.63E-03
2.90E-03	1.89E-04	6.47E-04	4.76E-03	0.00E+00	4.76E-03
2.94E-03	1.91E-04	6.75E-04	4.89E-03	0.00E+00	4.89E-03
2.99E-03	1.93E-04	7.07E-04	5.04E-03	0.00E+00	5.04E-03
3.03E-03	1.96E-04	7.41E-04	5.19E-03	0.00E+00	5.19E-03
3.07E-03	1.98E-04	7.76E-04	5.35E-03	0.00E+00	5.35E-03
3.11E-03	2.01E-04	8.12E-04	5.51E-03	0.00E+00	5.51E-03
3.14E-03	2.03E-04	8.51E-04	5.68E-03	0.00E+00	5.68E-03
3.16E-03	2.05E-04	8.92E-04	5.85E-03	0.00E+00	5.85E-03
3.17E-03	2.06E-04	9.35E-04	6.03E-03	0.00E+00	6.03E-03
3.18E-03	2.07E-04	9.78E-04	6.22E-03	0.00E+00	6.22E-03
3.18E-03	2.08E-04	1.02E-03	6.43E-03	0.00E+00	6.43E-03
3.18E-03	2.08E-04	1.07E-03	6.66E-03	0.00E+00	6.66E-03
3.19E-03	2.09E-04	1.13E-03	6.91E-03	0.00E+00	6.91E-03
3.19E-03	2.09E-04	1.18E-03	7.21E-03	0.00E+00	7.21E-03
3.20E-03	2.10E-04	1.25E-03	7.55E-03	0.00E+00	7.55E-03
3.21E-03	2.11E-04	1.33E-03	7.97E-03	0.00E+00	7.97E-03
3.24E-03	2.13E-04	1.44E-03	8.49E-03	0.00E+00	8.49E-03
3.27E-03	2.15E-04	1.61E-03	9.16E-03	0.00E+00	9.16E-03
3.33E-03	2.19E-04	1.88E-03	1.01E-02	0.00E+00	1.01E-02
3.40E-03	2.24E-04	2.38E-03	1.14E-02	0.00E+00	1.14E-02
3.50E-03	2.30E-04	3.29E-03	1.35E-02	0.00E+00	1.35E-02

3.63E-03	2.39E-04	4.81E-03	1.67E-02	0.00E+00	1.67E-02
3.80E-03	2.51E-04	7.02E-03	2.14E-02	0.00E+00	2.14E-02
4.03E-03	2.67E-04	9.89E-03	2.79E-02	0.00E+00	2.79E-02
4.35E-03	2.89E-04	1.31E-02	3.69E-02	0.00E+00	3.69E-02
1.24E-02	9.00E-04	1.53E-02	7.27E-02	0.00E+00	7.27E-02
1.36E-02	1.00E-03	1.42E-02	7.08E-02	0.00E+00	7.08E-02
1.58E-02	1.17E-03	1.31E-02	6.72E-02	0.00E+00	6.72E-02
1.59E-02	1.16E-03	1.20E-02	6.10E-02	0.00E+00	6.10E-02
1.33E-02	9.37E-04	1.10E-02	5.24E-02	0.00E+00	5.24E-02
1.15E-02	7.95E-04	1.01E-02	4.56E-02	0.00E+00	4.56E-02
1.01E-02	6.91E-04	9.23E-03	4.01E-02	0.00E+00	4.01E-02
9.09E-03	6.14E-04	8.45E-03	3.55E-02	0.00E+00	3.55E-02
8.28E-03	5.55E-04	7.74E-03	3.18E-02	0.00E+00	3.18E-02
7.61E-03	5.07E-04	7.11E-03	2.87E-02	0.00E+00	2.87E-02
7.05E-03	4.68E-04	6.54E-03	2.60E-02	0.00E+00	2.60E-02
6.56E-03	4.34E-04	6.02E-03	2.37E-02	0.00E+00	2.37E-02
6.14E-03	4.05E-04	5.56E-03	2.17E-02	0.00E+00	2.17E-02
5.76E-03	3.79E-04	5.14E-03	2.00E-02	0.00E+00	2.00E-02
5.42E-03	3.57E-04	4.77E-03	1.84E-02	0.00E+00	1.84E-02
5.11E-03	3.37E-04	4.43E-03	1.70E-02	0.00E+00	1.70E-02
4.83E-03	3.18E-04	4.12E-03	1.58E-02	0.00E+00	1.58E-02
4.58E-03	3.01E-04	3.84E-03	1.48E-02	0.00E+00	1.48E-02
4.35E-03	2.86E-04	3.59E-03	1.38E-02	0.00E+00	1.38E-02
4.13E-03	2.71E-04	3.36E-03	1.29E-02	0.00E+00	1.29E-02
3.94E-03	2.58E-04	3.15E-03	1.21E-02	0.00E+00	1.21E-02
3.76E-03	2.46E-04	2.96E-03	1.14E-02	0.00E+00	1.14E-02
3.60E-03	2.35E-04	2.78E-03	1.07E-02	0.00E+00	1.07E-02
3.45E-03	2.25E-04	2.62E-03	1.01E-02	0.00E+00	1.01E-02
3.31E-03	2.16E-04	2.47E-03	9.60E-03	0.00E+00	9.60E-03
3.18E-03	2.08E-04	2.33E-03	9.10E-03	0.00E+00	9.10E-03
3.06E-03	2.00E-04	2.20E-03	8.65E-03	0.00E+00	8.65E-03
2.95E-03	1.93E-04	2.09E-03	8.23E-03	0.00E+00	8.23E-03
2.85E-03	1.86E-04	1.98E-03	7.84E-03	0.00E+00	7.84E-03
2.75E-03	1.80E-04	1.88E-03	7.47E-03	0.00E+00	7.47E-03
2.66E-03	1.74E-04	1.79E-03	7.14E-03	0.00E+00	7.14E-03
2.57E-03	1.68E-04	1.70E-03	6.83E-03	0.00E+00	6.83E-03
2.48E-03	1.63E-04	1.62E-03	6.53E-03	0.00E+00	6.53E-03
2.10E-03	1.38E-04	4.63E-04	3.37E-03	0.00E+00	3.37E-03
2.25E-03	1.48E-04	4.82E-04	3.58E-03	0.00E+00	3.58E-03
2.40E-03	1.59E-04	5.03E-04	3.80E-03	0.00E+00	3.80E-03
2.56E-03	1.70E-04	5.25E-04	4.03E-03	0.00E+00	4.03E-03
2.72E-03	1.80E-04	5.49E-04	4.26E-03	0.00E+00	4.26E-03
2.88E-03	1.90E-04	5.74E-04	4.49E-03	0.00E+00	4.49E-03
3.02E-03	1.99E-04	6.01E-04	4.71E-03	0.00E+00	4.71E-03
3.13E-03	2.06E-04	6.29E-04	4.91E-03	0.00E+00	4.91E-03
3.22E-03	2.11E-04	6.60E-04	5.09E-03	0.00E+00	5.09E-03
3.28E-03	2.14E-04	6.92E-04	5.24E-03	0.00E+00	5.24E-03
3.34E-03	2.17E-04	7.26E-04	5.40E-03	0.00E+00	5.40E-03
3.39E-03	2.19E-04	7.63E-04	5.57E-03	0.00E+00	5.57E-03
3.45E-03	2.22E-04	8.03E-04	5.74E-03	0.00E+00	5.74E-03
3.49E-03	2.25E-04	8.46E-04	5.92E-03	0.00E+00	5.92E-03
3.53E-03	2.28E-04	8.91E-04	6.10E-03	0.00E+00	6.10E-03
3.55E-03	2.30E-04	9.39E-04	6.28E-03	0.00E+00	6.28E-03
3.56E-03	2.32E-04	9.90E-04	6.46E-03	0.00E+00	6.46E-03
3.56E-03	2.32E-04	1.05E-03	6.64E-03	0.00E+00	6.64E-03

3.55E-03	2.32E-04	1.10E-03	6.84E-03	0.00E+00	6.84E-03
3.53E-03	2.31E-04	1.16E-03	7.05E-03	0.00E+00	7.05E-03
3.51E-03	2.30E-04	1.22E-03	7.28E-03	0.00E+00	7.28E-03
3.49E-03	2.29E-04	1.29E-03	7.54E-03	0.00E+00	7.54E-03
3.47E-03	2.28E-04	1.36E-03	7.85E-03	0.00E+00	7.85E-03
3.45E-03	2.27E-04	1.44E-03	8.20E-03	0.00E+00	8.20E-03
3.45E-03	2.27E-04	1.52E-03	8.62E-03	0.00E+00	8.62E-03
3.45E-03	2.27E-04	1.61E-03	9.12E-03	0.00E+00	9.12E-03
3.46E-03	2.27E-04	1.72E-03	9.74E-03	0.00E+00	9.74E-03
3.48E-03	2.29E-04	1.88E-03	1.05E-02	0.00E+00	1.05E-02
3.52E-03	2.32E-04	2.13E-03	1.16E-02	0.00E+00	1.16E-02
3.58E-03	2.36E-04	2.59E-03	1.31E-02	0.00E+00	1.31E-02
3.67E-03	2.42E-04	3.53E-03	1.55E-02	0.00E+00	1.55E-02
3.79E-03	2.50E-04	5.32E-03	1.94E-02	0.00E+00	1.94E-02
3.95E-03	2.61E-04	8.24E-03	2.55E-02	0.00E+00	2.55E-02
4.16E-03	2.75E-04	1.25E-02	3.49E-02	0.00E+00	3.49E-02
1.28E-02	9.33E-04	1.58E-02	7.13E-02	0.00E+00	7.13E-02
1.29E-02	9.37E-04	1.43E-02	6.58E-02	0.00E+00	6.58E-02
1.62E-02	1.20E-03	1.29E-02	6.22E-02	0.00E+00	6.22E-02
1.68E-02	1.23E-03	1.16E-02	5.64E-02	0.00E+00	5.64E-02
1.39E-02	9.86E-04	1.05E-02	4.79E-02	0.00E+00	4.79E-02
1.19E-02	8.29E-04	9.48E-03	4.15E-02	0.00E+00	4.15E-02
1.05E-02	7.18E-04	8.59E-03	3.64E-02	0.00E+00	3.64E-02
9.42E-03	6.37E-04	7.81E-03	3.23E-02	0.00E+00	3.23E-02
8.55E-03	5.74E-04	7.12E-03	2.90E-02	0.00E+00	2.90E-02
7.85E-03	5.24E-04	6.51E-03	2.62E-02	0.00E+00	2.62E-02
7.25E-03	4.81E-04	5.97E-03	2.38E-02	0.00E+00	2.38E-02
6.74E-03	4.46E-04	5.48E-03	2.17E-02	0.00E+00	2.17E-02
6.28E-03	4.15E-04	5.05E-03	1.99E-02	0.00E+00	1.99E-02
5.88E-03	3.88E-04	4.66E-03	1.83E-02	0.00E+00	1.83E-02
5.53E-03	3.64E-04	4.32E-03	1.70E-02	0.00E+00	1.70E-02
5.20E-03	3.42E-04	4.01E-03	1.57E-02	0.00E+00	1.57E-02
4.91E-03	3.22E-04	3.73E-03	1.46E-02	0.00E+00	1.46E-02
4.64E-03	3.05E-04	3.48E-03	1.37E-02	0.00E+00	1.37E-02
4.39E-03	2.89E-04	3.25E-03	1.28E-02	0.00E+00	1.28E-02
4.17E-03	2.74E-04	3.04E-03	1.20E-02	0.00E+00	1.20E-02
3.97E-03	2.60E-04	2.85E-03	1.13E-02	0.00E+00	1.13E-02
3.79E-03	2.48E-04	2.68E-03	1.06E-02	0.00E+00	1.06E-02
3.63E-03	2.37E-04	2.52E-03	1.00E-02	0.00E+00	1.00E-02
3.48E-03	2.27E-04	2.38E-03	9.49E-03	0.00E+00	9.49E-03
3.34E-03	2.18E-04	2.24E-03	8.99E-03	0.00E+00	8.99E-03
3.21E-03	2.10E-04	2.12E-03	8.54E-03	0.00E+00	8.54E-03
3.08E-03	2.02E-04	2.01E-03	8.12E-03	0.00E+00	8.12E-03
2.97E-03	1.94E-04	1.90E-03	7.73E-03	0.00E+00	7.73E-03
2.86E-03	1.87E-04	1.81E-03	7.37E-03	0.00E+00	7.37E-03
2.76E-03	1.80E-04	1.72E-03	7.04E-03	0.00E+00	7.04E-03
2.66E-03	1.74E-04	1.64E-03	6.73E-03	0.00E+00	6.73E-03
2.56E-03	1.68E-04	1.56E-03	6.44E-03	0.00E+00	6.44E-03
2.32E-03	1.53E-04	5.02E-04	3.69E-03	0.00E+00	3.69E-03
2.50E-03	1.66E-04	5.25E-04	3.94E-03	0.00E+00	3.94E-03
2.70E-03	1.79E-04	5.49E-04	4.22E-03	0.00E+00	4.22E-03
2.92E-03	1.94E-04	5.75E-04	4.51E-03	0.00E+00	4.51E-03
3.13E-03	2.08E-04	6.03E-04	4.82E-03	0.00E+00	4.82E-03
3.34E-03	2.22E-04	6.32E-04	5.12E-03	0.00E+00	5.12E-03
3.53E-03	2.34E-04	6.64E-04	5.40E-03	0.00E+00	5.40E-03

3.68E-03	2.43E-04	6.99E-04	5.65E-03	0.00E+00	5.65E-03
3.78E-03	2.48E-04	7.35E-04	5.85E-03	0.00E+00	5.85E-03
3.85E-03	2.52E-04	7.74E-04	6.03E-03	0.00E+00	6.03E-03
3.93E-03	2.55E-04	8.16E-04	6.22E-03	0.00E+00	6.22E-03
4.00E-03	2.59E-04	8.63E-04	6.43E-03	0.00E+00	6.43E-03
4.05E-03	2.62E-04	9.14E-04	6.63E-03	0.00E+00	6.63E-03
4.09E-03	2.65E-04	9.68E-04	6.83E-03	0.00E+00	6.83E-03
4.11E-03	2.67E-04	1.03E-03	7.01E-03	0.00E+00	7.01E-03
4.10E-03	2.67E-04	1.09E-03	7.19E-03	0.00E+00	7.19E-03
4.07E-03	2.66E-04	1.16E-03	7.37E-03	0.00E+00	7.37E-03
4.03E-03	2.64E-04	1.23E-03	7.55E-03	0.00E+00	7.55E-03
3.98E-03	2.61E-04	1.31E-03	7.76E-03	0.00E+00	7.76E-03
3.93E-03	2.58E-04	1.40E-03	7.99E-03	0.00E+00	7.99E-03
3.87E-03	2.55E-04	1.49E-03	8.25E-03	0.00E+00	8.25E-03
3.82E-03	2.52E-04	1.58E-03	8.56E-03	0.00E+00	8.56E-03
3.77E-03	2.48E-04	1.69E-03	8.93E-03	0.00E+00	8.93E-03
3.73E-03	2.46E-04	1.80E-03	9.37E-03	0.00E+00	9.37E-03
3.70E-03	2.44E-04	1.91E-03	9.88E-03	0.00E+00	9.88E-03
3.68E-03	2.43E-04	2.02E-03	1.05E-02	0.00E+00	1.05E-02
3.68E-03	2.42E-04	2.16E-03	1.13E-02	0.00E+00	1.13E-02
3.69E-03	2.43E-04	2.32E-03	1.22E-02	0.00E+00	1.22E-02
3.71E-03	2.45E-04	2.55E-03	1.35E-02	0.00E+00	1.35E-02
3.76E-03	2.48E-04	2.95E-03	1.52E-02	0.00E+00	1.52E-02
3.84E-03	2.53E-04	3.82E-03	1.79E-02	0.00E+00	1.79E-02
3.94E-03	2.60E-04	5.74E-03	2.24E-02	0.00E+00	2.24E-02
4.08E-03	2.69E-04	9.69E-03	3.04E-02	0.00E+00	3.04E-02
4.27E-03	2.82E-04	1.64E-02	4.35E-02	0.00E+00	4.35E-02
1.29E-02	9.30E-04	1.51E-02	6.30E-02	0.00E+00	6.30E-02
1.46E-02	1.08E-03	1.34E-02	5.82E-02	0.00E+00	5.82E-02
1.74E-02	1.30E-03	1.19E-02	5.52E-02	0.00E+00	5.52E-02
1.76E-02	1.29E-03	1.06E-02	5.03E-02	0.00E+00	5.03E-02
1.45E-02	1.03E-03	9.50E-03	4.27E-02	0.00E+00	4.27E-02
1.24E-02	8.63E-04	8.54E-03	3.71E-02	0.00E+00	3.71E-02
1.09E-02	7.48E-04	7.72E-03	3.27E-02	0.00E+00	3.27E-02
9.74E-03	6.60E-04	6.99E-03	2.92E-02	0.00E+00	2.92E-02
8.81E-03	5.92E-04	6.36E-03	2.62E-02	0.00E+00	2.62E-02
8.06E-03	5.38E-04	5.81E-03	2.37E-02	0.00E+00	2.37E-02
7.43E-03	4.93E-04	5.32E-03	2.16E-02	0.00E+00	2.16E-02
6.89E-03	4.56E-04	4.89E-03	1.98E-02	0.00E+00	1.98E-02
6.41E-03	4.23E-04	4.50E-03	1.82E-02	0.00E+00	1.82E-02
5.99E-03	3.94E-04	4.16E-03	1.68E-02	0.00E+00	1.68E-02
5.61E-03	3.69E-04	3.86E-03	1.56E-02	0.00E+00	1.56E-02
5.27E-03	3.46E-04	3.58E-03	1.45E-02	0.00E+00	1.45E-02
4.96E-03	3.26E-04	3.34E-03	1.35E-02	0.00E+00	1.35E-02
4.68E-03	3.07E-04	3.12E-03	1.26E-02	0.00E+00	1.26E-02
4.43E-03	2.90E-04	2.92E-03	1.18E-02	0.00E+00	1.18E-02
4.21E-03	2.75E-04	2.74E-03	1.11E-02	0.00E+00	1.11E-02
4.01E-03	2.62E-04	2.57E-03	1.05E-02	0.00E+00	1.05E-02
3.82E-03	2.50E-04	2.41E-03	9.89E-03	0.00E+00	9.89E-03
3.66E-03	2.39E-04	2.27E-03	9.36E-03	0.00E+00	9.36E-03
3.50E-03	2.29E-04	2.15E-03	8.87E-03	0.00E+00	8.87E-03
3.36E-03	2.19E-04	2.03E-03	8.43E-03	0.00E+00	8.43E-03
3.22E-03	2.11E-04	1.92E-03	8.01E-03	0.00E+00	8.01E-03
3.09E-03	2.02E-04	1.82E-03	7.62E-03	0.00E+00	7.62E-03
2.97E-03	1.95E-04	1.73E-03	7.27E-03	0.00E+00	7.27E-03

2.86E-03	1.87E-04	1.64E-03	6.94E-03	0.00E+00	6.94E-03
2.75E-03	1.80E-04	1.57E-03	6.63E-03	0.00E+00	6.63E-03
2.64E-03	1.74E-04	1.49E-03	6.34E-03	0.00E+00	6.34E-03
2.57E-03	1.71E-04	5.45E-04	4.05E-03	0.00E+00	4.05E-03
2.81E-03	1.87E-04	5.71E-04	4.37E-03	0.00E+00	4.37E-03
3.08E-03	2.05E-04	5.99E-04	4.73E-03	0.00E+00	4.73E-03
3.37E-03	2.25E-04	6.29E-04	5.12E-03	0.00E+00	5.12E-03
3.68E-03	2.46E-04	6.62E-04	5.53E-03	0.00E+00	5.53E-03
3.98E-03	2.66E-04	6.97E-04	5.94E-03	0.00E+00	5.94E-03
4.25E-03	2.83E-04	7.34E-04	6.32E-03	0.00E+00	6.32E-03
4.44E-03	2.95E-04	7.75E-04	6.63E-03	0.00E+00	6.63E-03
4.57E-03	3.02E-04	8.18E-04	6.87E-03	0.00E+00	6.87E-03
4.67E-03	3.06E-04	8.66E-04	7.10E-03	0.00E+00	7.10E-03
4.77E-03	3.11E-04	9.18E-04	7.34E-03	0.00E+00	7.34E-03
4.85E-03	3.16E-04	9.77E-04	7.58E-03	0.00E+00	7.58E-03
4.89E-03	3.19E-04	1.04E-03	7.78E-03	0.00E+00	7.78E-03
4.89E-03	3.19E-04	1.11E-03	7.96E-03	0.00E+00	7.96E-03
4.84E-03	3.16E-04	1.18E-03	8.12E-03	0.00E+00	8.12E-03
4.77E-03	3.12E-04	1.27E-03	8.26E-03	0.00E+00	8.26E-03
4.67E-03	3.07E-04	1.36E-03	8.42E-03	0.00E+00	8.42E-03
4.57E-03	3.01E-04	1.46E-03	8.59E-03	0.00E+00	8.59E-03
4.46E-03	2.94E-04	1.57E-03	8.79E-03	0.00E+00	8.79E-03
4.36E-03	2.88E-04	1.69E-03	9.04E-03	0.00E+00	9.04E-03
4.26E-03	2.81E-04	1.82E-03	9.35E-03	0.00E+00	9.35E-03
4.17E-03	2.75E-04	1.97E-03	9.72E-03	0.00E+00	9.72E-03
4.09E-03	2.70E-04	2.13E-03	1.02E-02	0.00E+00	1.02E-02
4.02E-03	2.65E-04	2.30E-03	1.07E-02	0.00E+00	1.07E-02
3.96E-03	2.61E-04	2.48E-03	1.14E-02	0.00E+00	1.14E-02
3.92E-03	2.59E-04	2.66E-03	1.22E-02	0.00E+00	1.22E-02
3.90E-03	2.57E-04	2.86E-03	1.31E-02	0.00E+00	1.31E-02
3.89E-03	2.56E-04	3.07E-03	1.43E-02	0.00E+00	1.43E-02
3.90E-03	2.57E-04	3.30E-03	1.58E-02	0.00E+00	1.58E-02
3.94E-03	2.60E-04	3.64E-03	1.78E-02	0.00E+00	1.78E-02
4.00E-03	2.63E-04	4.32E-03	2.07E-02	0.00E+00	2.07E-02
4.08E-03	2.69E-04	6.08E-03	2.55E-02	0.00E+00	2.55E-02
4.20E-03	2.77E-04	1.11E-02	3.56E-02	0.00E+00	3.56E-02
1.39E-02	9.89E-04	1.78E-02	6.73E-02	0.00E+00	6.73E-02
1.75E-02	1.29E-03	1.54E-02	6.37E-02	0.00E+00	6.37E-02
1.29E-02	9.32E-04	1.35E-02	5.24E-02	0.00E+00	5.24E-02
1.34E-02	9.73E-04	1.18E-02	4.76E-02	0.00E+00	4.76E-02
1.38E-02	1.00E-03	1.05E-02	4.35E-02	0.00E+00	4.35E-02
1.86E-02	1.37E-03	9.30E-03	4.50E-02	0.00E+00	4.50E-02
1.51E-02	1.08E-03	8.30E-03	3.82E-02	0.00E+00	3.82E-02
1.29E-02	9.04E-04	7.46E-03	3.33E-02	0.00E+00	3.33E-02
1.13E-02	7.76E-04	6.73E-03	2.94E-02	0.00E+00	2.94E-02
1.00E-02	6.82E-04	6.10E-03	2.63E-02	0.00E+00	2.63E-02
9.04E-03	6.08E-04	5.55E-03	2.36E-02	0.00E+00	2.36E-02
8.26E-03	5.51E-04	5.07E-03	2.15E-02	0.00E+00	2.15E-02
7.60E-03	5.04E-04	4.66E-03	1.97E-02	0.00E+00	1.97E-02
7.02E-03	4.64E-04	4.29E-03	1.80E-02	0.00E+00	1.80E-02
6.52E-03	4.30E-04	3.96E-03	1.66E-02	0.00E+00	1.66E-02
6.07E-03	3.99E-04	3.67E-03	1.54E-02	0.00E+00	1.54E-02
5.67E-03	3.72E-04	3.41E-03	1.43E-02	0.00E+00	1.43E-02
5.31E-03	3.49E-04	3.17E-03	1.33E-02	0.00E+00	1.33E-02
5.00E-03	3.27E-04	2.96E-03	1.25E-02	0.00E+00	1.25E-02

4.71E-03	3.09E-04	2.77E-03	1.17E-02	0.00E+00	1.17E-02
4.46E-03	2.92E-04	2.60E-03	1.10E-02	0.00E+00	1.10E-02
4.24E-03	2.77E-04	2.44E-03	1.03E-02	0.00E+00	1.03E-02
4.04E-03	2.64E-04	2.29E-03	9.76E-03	0.00E+00	9.76E-03
3.85E-03	2.52E-04	2.16E-03	9.23E-03	0.00E+00	9.23E-03
3.67E-03	2.40E-04	2.04E-03	8.75E-03	0.00E+00	8.75E-03
3.51E-03	2.30E-04	1.93E-03	8.30E-03	0.00E+00	8.30E-03
3.36E-03	2.20E-04	1.83E-03	7.89E-03	0.00E+00	7.89E-03
3.21E-03	2.11E-04	1.73E-03	7.51E-03	0.00E+00	7.51E-03
3.08E-03	2.02E-04	1.65E-03	7.16E-03	0.00E+00	7.16E-03
2.95E-03	1.94E-04	1.57E-03	6.83E-03	0.00E+00	6.83E-03
2.83E-03	1.86E-04	1.49E-03	6.52E-03	0.00E+00	6.52E-03
2.72E-03	1.79E-04	1.42E-03	6.23E-03	0.00E+00	6.23E-03
2.88E-03	1.92E-04	5.90E-04	4.48E-03	0.00E+00	4.48E-03
3.19E-03	2.13E-04	6.20E-04	4.88E-03	0.00E+00	4.88E-03
3.55E-03	2.38E-04	6.52E-04	5.34E-03	0.00E+00	5.34E-03
3.97E-03	2.66E-04	6.87E-04	5.87E-03	0.00E+00	5.87E-03
4.42E-03	2.97E-04	7.24E-04	6.45E-03	0.00E+00	6.45E-03
4.89E-03	3.29E-04	7.65E-04	7.05E-03	0.00E+00	7.05E-03
5.31E-03	3.57E-04	8.10E-04	7.61E-03	0.00E+00	7.61E-03
5.61E-03	3.76E-04	8.57E-04	8.04E-03	0.00E+00	8.04E-03
5.80E-03	3.86E-04	9.09E-04	8.37E-03	0.00E+00	8.37E-03
5.96E-03	3.94E-04	9.67E-04	8.68E-03	0.00E+00	8.68E-03
6.07E-03	4.01E-04	1.03E-03	8.96E-03	0.00E+00	8.96E-03
6.10E-03	4.02E-04	1.10E-03	9.16E-03	0.00E+00	9.16E-03
6.04E-03	3.98E-04	1.18E-03	9.29E-03	0.00E+00	9.29E-03
5.91E-03	3.90E-04	1.27E-03	9.37E-03	0.00E+00	9.37E-03
5.74E-03	3.78E-04	1.36E-03	9.43E-03	0.00E+00	9.43E-03
5.55E-03	3.66E-04	1.47E-03	9.49E-03	0.00E+00	9.49E-03
5.35E-03	3.54E-04	1.59E-03	9.59E-03	0.00E+00	9.59E-03
5.16E-03	3.41E-04	1.72E-03	9.73E-03	0.00E+00	9.73E-03
4.98E-03	3.29E-04	1.88E-03	9.93E-03	0.00E+00	9.93E-03
4.82E-03	3.19E-04	2.05E-03	1.02E-02	0.00E+00	1.02E-02
4.67E-03	3.09E-04	2.24E-03	1.06E-02	0.00E+00	1.06E-02
4.53E-03	3.00E-04	2.46E-03	1.10E-02	0.00E+00	1.10E-02
4.41E-03	2.92E-04	2.71E-03	1.16E-02	0.00E+00	1.16E-02
4.31E-03	2.85E-04	2.99E-03	1.23E-02	0.00E+00	1.23E-02
4.23E-03	2.79E-04	3.30E-03	1.32E-02	0.00E+00	1.32E-02
4.16E-03	2.75E-04	3.64E-03	1.42E-02	0.00E+00	1.42E-02
4.12E-03	2.72E-04	4.01E-03	1.55E-02	0.00E+00	1.55E-02
4.09E-03	2.70E-04	4.38E-03	1.71E-02	0.00E+00	1.71E-02
4.09E-03	2.69E-04	4.75E-03	1.90E-02	0.00E+00	1.90E-02
4.11E-03	2.71E-04	5.11E-03	2.14E-02	0.00E+00	2.14E-02
4.14E-03	2.73E-04	5.54E-03	2.44E-02	0.00E+00	2.44E-02
4.21E-03	2.78E-04	6.76E-03	2.92E-02	0.00E+00	2.92E-02
9.91E-03	6.81E-04	2.07E-02	6.68E-02	0.00E+00	6.68E-02
1.15E-02	8.01E-04	1.76E-02	5.95E-02	0.00E+00	5.95E-02
1.37E-02	9.73E-04	1.51E-02	5.46E-02	0.00E+00	5.46E-02
1.70E-02	1.24E-03	1.30E-02	5.24E-02	0.00E+00	5.24E-02
1.30E-02	9.36E-04	1.13E-02	4.33E-02	0.00E+00	4.33E-02
1.08E-02	7.63E-04	9.99E-03	3.72E-02	0.00E+00	3.72E-02
1.34E-02	9.68E-04	8.83E-03	3.68E-02	0.00E+00	3.68E-02
1.95E-02	1.45E-03	7.86E-03	4.08E-02	0.00E+00	4.08E-02
1.58E-02	1.13E-03	7.04E-03	3.45E-02	0.00E+00	3.45E-02
1.34E-02	9.40E-04	6.35E-03	3.00E-02	0.00E+00	3.00E-02

1.17E-02	8.04E-04	5.75E-03	2.66E-02	0.00E+00	2.66E-02
1.03E-02	7.01E-04	5.22E-03	2.38E-02	0.00E+00	2.38E-02
9.29E-03	6.26E-04	4.77E-03	2.15E-02	0.00E+00	2.15E-02
8.45E-03	5.65E-04	4.38E-03	1.96E-02	0.00E+00	1.96E-02
7.74E-03	5.14E-04	4.03E-03	1.79E-02	0.00E+00	1.79E-02
7.13E-03	4.71E-04	3.72E-03	1.65E-02	0.00E+00	1.65E-02
6.60E-03	4.35E-04	3.45E-03	1.53E-02	0.00E+00	1.53E-02
6.13E-03	4.02E-04	3.21E-03	1.42E-02	0.00E+00	1.42E-02
5.71E-03	3.74E-04	2.99E-03	1.32E-02	0.00E+00	1.32E-02
5.35E-03	3.50E-04	2.79E-03	1.23E-02	0.00E+00	1.23E-02
5.03E-03	3.29E-04	2.61E-03	1.15E-02	0.00E+00	1.15E-02
4.75E-03	3.11E-04	2.45E-03	1.08E-02	0.00E+00	1.08E-02
4.50E-03	2.94E-04	2.30E-03	1.02E-02	0.00E+00	1.02E-02
4.26E-03	2.79E-04	2.17E-03	9.64E-03	0.00E+00	9.64E-03
4.05E-03	2.65E-04	2.04E-03	9.11E-03	0.00E+00	9.11E-03
3.85E-03	2.52E-04	1.93E-03	8.63E-03	0.00E+00	8.63E-03
3.67E-03	2.41E-04	1.83E-03	8.19E-03	0.00E+00	8.19E-03
3.50E-03	2.29E-04	1.73E-03	7.77E-03	0.00E+00	7.77E-03
3.33E-03	2.19E-04	1.64E-03	7.39E-03	0.00E+00	7.39E-03
3.18E-03	2.09E-04	1.56E-03	7.04E-03	0.00E+00	7.04E-03
3.04E-03	2.00E-04	1.49E-03	6.71E-03	0.00E+00	6.71E-03
2.91E-03	1.92E-04	1.42E-03	6.40E-03	0.00E+00	6.40E-03
2.78E-03	1.84E-04	1.35E-03	6.12E-03	0.00E+00	6.12E-03
3.26E-03	2.18E-04	6.39E-04	4.99E-03	0.00E+00	4.99E-03
3.67E-03	2.46E-04	6.73E-04	5.50E-03	0.00E+00	5.50E-03
4.16E-03	2.80E-04	7.09E-04	6.12E-03	0.00E+00	6.12E-03
4.76E-03	3.21E-04	7.49E-04	6.85E-03	0.00E+00	6.85E-03
5.47E-03	3.70E-04	7.93E-04	7.71E-03	0.00E+00	7.71E-03
6.25E-03	4.25E-04	8.40E-04	8.66E-03	0.00E+00	8.66E-03
7.02E-03	4.80E-04	8.90E-04	9.60E-03	0.00E+00	9.60E-03
7.61E-03	5.21E-04	9.46E-04	1.04E-02	0.00E+00	1.04E-02
7.98E-03	5.44E-04	1.01E-03	1.09E-02	0.00E+00	1.09E-02
8.20E-03	5.57E-04	1.08E-03	1.13E-02	0.00E+00	1.13E-02
8.16E-03	5.51E-04	1.16E-03	1.14E-02	0.00E+00	1.14E-02
7.91E-03	5.31E-04	1.24E-03	1.14E-02	0.00E+00	1.14E-02
7.56E-03	5.06E-04	1.34E-03	1.12E-02	0.00E+00	1.12E-02
7.17E-03	4.78E-04	1.44E-03	1.10E-02	0.00E+00	1.10E-02
6.79E-03	4.52E-04	1.56E-03	1.09E-02	0.00E+00	1.09E-02
6.43E-03	4.27E-04	1.70E-03	1.09E-02	0.00E+00	1.09E-02
6.10E-03	4.05E-04	1.85E-03	1.09E-02	0.00E+00	1.09E-02
5.80E-03	3.85E-04	2.03E-03	1.10E-02	0.00E+00	1.10E-02
5.53E-03	3.67E-04	2.23E-03	1.12E-02	0.00E+00	1.12E-02
5.30E-03	3.51E-04	2.46E-03	1.14E-02	0.00E+00	1.14E-02
5.09E-03	3.37E-04	2.73E-03	1.19E-02	0.00E+00	1.19E-02
4.90E-03	3.25E-04	3.05E-03	1.24E-02	0.00E+00	1.24E-02
4.74E-03	3.14E-04	3.43E-03	1.31E-02	0.00E+00	1.31E-02
4.61E-03	3.05E-04	3.88E-03	1.41E-02	0.00E+00	1.41E-02
4.50E-03	2.97E-04	4.40E-03	1.52E-02	0.00E+00	1.52E-02
4.41E-03	2.91E-04	5.03E-03	1.67E-02	0.00E+00	1.67E-02
4.34E-03	2.86E-04	5.77E-03	1.85E-02	0.00E+00	1.85E-02
4.30E-03	2.83E-04	6.62E-03	2.08E-02	0.00E+00	2.08E-02
4.27E-03	2.81E-04	7.53E-03	2.36E-02	0.00E+00	2.36E-02
4.27E-03	2.81E-04	8.38E-03	2.68E-02	0.00E+00	2.68E-02
4.29E-03	2.83E-04	9.07E-03	3.08E-02	0.00E+00	3.08E-02
4.34E-03	2.86E-04	9.49E-03	3.48E-02	0.00E+00	3.48E-02



8.77E-03	5.97E-04	1.95E-02	5.87E-02	0.00E+00	5.87E-02
9.93E-03	6.81E-04	1.64E-02	5.16E-02	0.00E+00	5.16E-02
1.14E-02	7.94E-04	1.40E-02	4.68E-02	0.00E+00	4.68E-02
1.35E-02	9.56E-04	1.21E-02	4.40E-02	0.00E+00	4.40E-02
1.66E-02	1.21E-03	1.05E-02	4.34E-02	0.00E+00	4.34E-02
1.29E-02	9.19E-04	9.20E-03	3.61E-02	0.00E+00	3.61E-02
1.37E-02	9.89E-04	8.14E-03	3.43E-02	0.00E+00	3.43E-02
1.45E-02	1.06E-03	7.26E-03	3.30E-02	0.00E+00	3.30E-02
2.06E-02	1.54E-03	6.50E-03	3.77E-02	0.00E+00	3.77E-02
1.65E-02	1.19E-03	5.86E-03	3.17E-02	0.00E+00	3.17E-02
1.38E-02	9.74E-04	5.30E-03	2.74E-02	0.00E+00	2.74E-02
1.20E-02	8.28E-04	4.83E-03	2.43E-02	0.00E+00	2.43E-02
1.06E-02	7.22E-04	4.42E-03	2.18E-02	0.00E+00	2.18E-02
9.51E-03	6.40E-04	4.05E-03	1.97E-02	0.00E+00	1.97E-02
8.61E-03	5.75E-04	3.74E-03	1.80E-02	0.00E+00	1.80E-02
7.86E-03	5.22E-04	3.46E-03	1.65E-02	0.00E+00	1.65E-02
7.21E-03	4.76E-04	3.21E-03	1.52E-02	0.00E+00	1.52E-02
6.65E-03	4.37E-04	2.99E-03	1.41E-02	0.00E+00	1.41E-02
6.16E-03	4.04E-04	2.79E-03	1.31E-02	0.00E+00	1.31E-02
5.75E-03	3.76E-04	2.60E-03	1.22E-02	0.00E+00	1.22E-02
5.39E-03	3.52E-04	2.44E-03	1.14E-02	0.00E+00	1.14E-02
5.06E-03	3.31E-04	2.29E-03	1.07E-02	0.00E+00	1.07E-02
4.77E-03	3.13E-04	2.16E-03	1.01E-02	0.00E+00	1.01E-02
4.50E-03	2.95E-04	2.03E-03	9.53E-03	0.00E+00	9.53E-03
4.26E-03	2.80E-04	1.92E-03	9.00E-03	0.00E+00	9.00E-03
4.03E-03	2.65E-04	1.82E-03	8.52E-03	0.00E+00	8.52E-03
3.82E-03	2.51E-04	1.72E-03	8.07E-03	0.00E+00	8.07E-03
3.63E-03	2.39E-04	1.63E-03	7.65E-03	0.00E+00	7.65E-03
3.45E-03	2.27E-04	1.55E-03	7.27E-03	0.00E+00	7.27E-03
3.28E-03	2.16E-04	1.48E-03	6.92E-03	0.00E+00	6.92E-03
3.12E-03	2.06E-04	1.41E-03	6.59E-03	0.00E+00	6.59E-03
2.98E-03	1.96E-04	1.34E-03	6.28E-03	0.00E+00	6.28E-03
2.84E-03	1.88E-04	1.28E-03	5.99E-03	0.00E+00	5.99E-03
3.73E-03	2.49E-04	6.91E-04	5.59E-03	0.00E+00	5.59E-03
4.28E-03	2.87E-04	7.29E-04	6.27E-03	0.00E+00	6.27E-03
4.97E-03	3.35E-04	7.70E-04	7.10E-03	0.00E+00	7.10E-03
5.84E-03	3.96E-04	8.15E-04	8.14E-03	0.00E+00	8.14E-03
6.97E-03	4.77E-04	8.64E-04	9.46E-03	0.00E+00	9.46E-03
8.40E-03	5.83E-04	9.18E-04	1.11E-02	0.00E+00	1.11E-02
1.02E-02	7.20E-04	9.77E-04	1.32E-02	0.00E+00	1.32E-02
1.20E-02	8.57E-04	1.04E-03	1.53E-02	0.00E+00	1.53E-02
1.28E-02	9.15E-04	1.11E-03	1.63E-02	0.00E+00	1.63E-02
1.24E-02	8.76E-04	1.20E-03	1.60E-02	0.00E+00	1.60E-02
1.14E-02	7.92E-04	1.29E-03	1.51E-02	0.00E+00	1.51E-02
1.04E-02	7.10E-04	1.39E-03	1.43E-02	0.00E+00	1.43E-02
9.43E-03	6.41E-04	1.50E-03	1.35E-02	0.00E+00	1.35E-02
8.64E-03	5.83E-04	1.63E-03	1.30E-02	0.00E+00	1.30E-02
7.97E-03	5.35E-04	1.77E-03	1.26E-02	0.00E+00	1.26E-02
7.39E-03	4.94E-04	1.94E-03	1.23E-02	0.00E+00	1.23E-02
6.90E-03	4.60E-04	2.13E-03	1.22E-02	0.00E+00	1.22E-02
6.48E-03	4.31E-04	2.36E-03	1.22E-02	0.00E+00	1.22E-02
6.11E-03	4.06E-04	2.62E-03	1.24E-02	0.00E+00	1.24E-02
5.79E-03	3.84E-04	2.93E-03	1.27E-02	0.00E+00	1.27E-02
5.52E-03	3.66E-04	3.29E-03	1.32E-02	0.00E+00	1.32E-02
5.29E-03	3.50E-04	3.73E-03	1.39E-02	0.00E+00	1.39E-02

5.08E-03	3.36E-04	4.27E-03	1.48E-02	0.00E+00	1.48E-02
4.91E-03	3.25E-04	4.93E-03	1.60E-02	0.00E+00	1.60E-02
4.77E-03	3.15E-04	5.75E-03	1.75E-02	0.00E+00	1.75E-02
4.66E-03	3.07E-04	6.79E-03	1.94E-02	0.00E+00	1.94E-02
4.57E-03	3.01E-04	8.13E-03	2.20E-02	0.00E+00	2.20E-02
4.50E-03	2.96E-04	9.86E-03	2.53E-02	0.00E+00	2.53E-02
4.45E-03	2.93E-04	1.21E-02	2.96E-02	0.00E+00	2.96E-02
4.43E-03	2.92E-04	1.49E-02	3.52E-02	0.00E+00	3.52E-02
4.44E-03	2.92E-04	1.84E-02	4.24E-02	0.00E+00	4.24E-02
4.46E-03	2.94E-04	2.14E-02	4.93E-02	0.00E+00	4.93E-02
7.28E-03	4.89E-04	2.06E-02	5.76E-02	0.00E+00	5.76E-02
7.98E-03	5.38E-04	1.71E-02	4.95E-02	0.00E+00	4.95E-02
8.85E-03	6.01E-04	1.44E-02	4.37E-02	0.00E+00	4.37E-02
9.95E-03	6.81E-04	1.24E-02	3.96E-02	0.00E+00	3.96E-02
1.14E-02	7.88E-04	1.07E-02	3.72E-02	0.00E+00	3.72E-02
1.34E-02	9.41E-04	9.36E-03	3.61E-02	0.00E+00	3.61E-02
1.61E-02	1.17E-03	8.23E-03	3.64E-02	0.00E+00	3.64E-02
1.61E-02	1.18E-03	7.30E-03	3.42E-02	0.00E+00	3.42E-02
1.41E-02	1.03E-03	6.52E-03	3.03E-02	0.00E+00	3.03E-02
1.39E-02	1.00E-03	5.87E-03	2.85E-02	0.00E+00	2.85E-02
2.17E-02	1.64E-03	5.31E-03	3.56E-02	0.00E+00	3.56E-02
1.72E-02	1.25E-03	4.82E-03	2.96E-02	0.00E+00	2.96E-02
1.43E-02	1.01E-03	4.40E-03	2.55E-02	0.00E+00	2.55E-02
1.23E-02	8.53E-04	4.03E-03	2.25E-02	0.00E+00	2.25E-02
1.09E-02	7.41E-04	3.71E-03	2.02E-02	0.00E+00	2.02E-02
9.71E-03	6.54E-04	3.43E-03	1.83E-02	0.00E+00	1.83E-02
8.75E-03	5.84E-04	3.18E-03	1.67E-02	0.00E+00	1.67E-02
7.93E-03	5.26E-04	2.96E-03	1.53E-02	0.00E+00	1.53E-02
7.25E-03	4.78E-04	2.76E-03	1.41E-02	0.00E+00	1.41E-02
6.69E-03	4.39E-04	2.58E-03	1.31E-02	0.00E+00	1.31E-02
6.21E-03	4.07E-04	2.41E-03	1.22E-02	0.00E+00	1.22E-02
5.79E-03	3.79E-04	2.27E-03	1.14E-02	0.00E+00	1.14E-02
5.41E-03	3.54E-04	2.13E-03	1.07E-02	0.00E+00	1.07E-02
5.07E-03	3.32E-04	2.01E-03	1.00E-02	0.00E+00	1.00E-02
4.76E-03	3.12E-04	1.90E-03	9.44E-03	0.00E+00	9.44E-03
4.47E-03	2.94E-04	1.80E-03	8.90E-03	0.00E+00	8.90E-03
4.21E-03	2.77E-04	1.70E-03	8.41E-03	0.00E+00	8.41E-03
3.97E-03	2.62E-04	1.61E-03	7.95E-03	0.00E+00	7.95E-03
3.75E-03	2.47E-04	1.53E-03	7.53E-03	0.00E+00	7.53E-03
3.55E-03	2.34E-04	1.46E-03	7.14E-03	0.00E+00	7.14E-03
3.36E-03	2.22E-04	1.39E-03	6.78E-03	0.00E+00	6.78E-03
3.19E-03	2.11E-04	1.32E-03	6.45E-03	0.00E+00	6.45E-03
3.03E-03	2.00E-04	1.27E-03	6.15E-03	0.00E+00	6.15E-03
2.89E-03	1.91E-04	1.21E-03	5.86E-03	0.00E+00	5.86E-03
4.29E-03	2.88E-04	7.44E-04	6.30E-03	0.00E+00	6.30E-03
5.04E-03	3.40E-04	7.87E-04	7.20E-03	0.00E+00	7.20E-03
6.02E-03	4.09E-04	8.33E-04	8.35E-03	0.00E+00	8.35E-03
7.33E-03	5.02E-04	8.84E-04	9.87E-03	0.00E+00	9.87E-03
9.19E-03	6.40E-04	9.39E-04	1.20E-02	0.00E+00	1.20E-02
1.21E-02	8.66E-04	1.00E-03	1.53E-02	0.00E+00	1.53E-02
1.34E-02	9.76E-04	1.07E-03	1.68E-02	0.00E+00	1.68E-02
1.27E-02	9.16E-04	1.14E-03	1.62E-02	0.00E+00	1.62E-02
1.79E-02	1.34E-03	1.23E-03	2.21E-02	0.00E+00	2.21E-02
1.92E-02	1.42E-03	1.32E-03	2.36E-02	0.00E+00	2.36E-02
1.57E-02	1.12E-03	1.42E-03	2.01E-02	0.00E+00	2.01E-02

1.33E-02	9.33E-04	1.54E-03	1.77E-02	0.00E+00	1.77E-02
1.16E-02	8.00E-04	1.67E-03	1.61E-02	0.00E+00	1.61E-02
1.03E-02	7.00E-04	1.82E-03	1.50E-02	0.00E+00	1.50E-02
9.24E-03	6.24E-04	2.00E-03	1.43E-02	0.00E+00	1.43E-02
8.42E-03	5.66E-04	2.20E-03	1.39E-02	0.00E+00	1.39E-02
7.74E-03	5.18E-04	2.43E-03	1.36E-02	0.00E+00	1.36E-02
7.18E-03	4.79E-04	2.70E-03	1.36E-02	0.00E+00	1.36E-02
6.71E-03	4.46E-04	3.03E-03	1.37E-02	0.00E+00	1.37E-02
6.31E-03	4.19E-04	3.41E-03	1.41E-02	0.00E+00	1.41E-02
5.97E-03	3.95E-04	3.88E-03	1.46E-02	0.00E+00	1.46E-02
5.68E-03	3.76E-04	4.45E-03	1.54E-02	0.00E+00	1.54E-02
5.44E-03	3.59E-04	5.15E-03	1.64E-02	0.00E+00	1.64E-02
5.23E-03	3.45E-04	6.05E-03	1.79E-02	0.00E+00	1.79E-02
5.05E-03	3.33E-04	7.20E-03	1.97E-02	0.00E+00	1.97E-02
4.91E-03	3.24E-04	8.72E-03	2.22E-02	0.00E+00	2.22E-02
4.79E-03	3.16E-04	1.08E-02	2.55E-02	0.00E+00	2.55E-02
4.70E-03	3.10E-04	1.36E-02	2.99E-02	0.00E+00	2.99E-02
4.64E-03	3.05E-04	1.76E-02	3.60E-02	0.00E+00	3.60E-02
4.60E-03	3.03E-04	2.38E-02	4.50E-02	0.00E+00	4.50E-02
4.58E-03	3.01E-04	3.34E-02	5.80E-02	0.00E+00	5.80E-02
4.59E-03	3.02E-04	4.90E-02	7.73E-02	0.00E+00	7.73E-02
4.63E-03	3.04E-04	6.99E-02	1.01E-01	0.00E+00	1.01E-01
4.69E-03	3.08E-04	1.65E-02	4.88E-02	0.00E+00	4.88E-02
6.40E-03	4.26E-04	1.97E-02	5.42E-02	0.00E+00	5.42E-02
6.86E-03	4.58E-04	1.65E-02	4.65E-02	0.00E+00	4.65E-02
7.41E-03	4.97E-04	1.40E-02	4.06E-02	0.00E+00	4.06E-02
8.09E-03	5.45E-04	1.20E-02	3.63E-02	0.00E+00	3.63E-02
8.93E-03	6.05E-04	1.04E-02	3.33E-02	0.00E+00	3.33E-02
9.96E-03	6.80E-04	9.12E-03	3.12E-02	0.00E+00	3.12E-02
1.13E-02	7.81E-04	8.05E-03	3.02E-02	0.00E+00	3.02E-02
1.31E-02	9.20E-04	7.14E-03	3.01E-02	0.00E+00	3.01E-02
1.57E-02	1.12E-03	6.38E-03	3.12E-02	0.00E+00	3.12E-02
1.97E-02	1.46E-03	5.73E-03	3.41E-02	0.00E+00	3.41E-02
1.39E-02	9.97E-04	5.19E-03	2.66E-02	0.00E+00	2.66E-02
1.53E-02	1.12E-03	4.73E-03	2.71E-02	0.00E+00	2.71E-02
1.78E-02	1.31E-03	4.32E-03	2.89E-02	0.00E+00	2.89E-02
1.79E-02	1.30E-03	3.95E-03	2.82E-02	0.00E+00	2.82E-02
1.48E-02	1.05E-03	3.63E-03	2.41E-02	0.00E+00	2.41E-02
1.27E-02	8.81E-04	3.36E-03	2.12E-02	0.00E+00	2.12E-02
1.11E-02	7.59E-04	3.12E-03	1.90E-02	0.00E+00	1.90E-02
9.86E-03	6.64E-04	2.90E-03	1.71E-02	0.00E+00	1.71E-02
8.82E-03	5.89E-04	2.71E-03	1.56E-02	0.00E+00	1.56E-02
7.98E-03	5.29E-04	2.53E-03	1.43E-02	0.00E+00	1.43E-02
7.31E-03	4.81E-04	2.37E-03	1.32E-02	0.00E+00	1.32E-02
6.74E-03	4.42E-04	2.22E-03	1.23E-02	0.00E+00	1.23E-02
6.23E-03	4.09E-04	2.09E-03	1.14E-02	0.00E+00	1.14E-02
5.78E-03	3.80E-04	1.97E-03	1.07E-02	0.00E+00	1.07E-02
5.37E-03	3.54E-04	1.87E-03	9.99E-03	0.00E+00	9.99E-03
5.00E-03	3.30E-04	1.76E-03	9.37E-03	0.00E+00	9.37E-03
4.67E-03	3.08E-04	1.67E-03	8.80E-03	0.00E+00	8.80E-03
4.37E-03	2.89E-04	1.59E-03	8.29E-03	0.00E+00	8.29E-03
4.10E-03	2.71E-04	1.51E-03	7.82E-03	0.00E+00	7.82E-03
3.86E-03	2.55E-04	1.43E-03	7.39E-03	0.00E+00	7.39E-03
3.63E-03	2.40E-04	1.37E-03	7.00E-03	0.00E+00	7.00E-03
3.43E-03	2.27E-04	1.30E-03	6.64E-03	0.00E+00	6.64E-03

3.24E-03	2.14E-04	1.24E-03	6.31E-03	0.00E+00	6.31E-03
3.07E-03	2.03E-04	1.19E-03	6.00E-03	0.00E+00	6.00E-03
2.92E-03	1.93E-04	1.14E-03	5.72E-03	0.00E+00	5.72E-03
4.99E-03	3.36E-04	7.99E-04	7.15E-03	0.00E+00	7.15E-03
6.01E-03	4.08E-04	8.46E-04	8.35E-03	0.00E+00	8.35E-03
7.41E-03	5.07E-04	8.98E-04	9.96E-03	0.00E+00	9.96E-03
9.38E-03	6.52E-04	9.54E-04	1.22E-02	0.00E+00	1.22E-02
1.25E-02	8.93E-04	1.02E-03	1.57E-02	0.00E+00	1.57E-02
1.20E-02	8.52E-04	1.08E-03	1.53E-02	0.00E+00	1.53E-02
1.66E-02	1.23E-03	1.16E-03	2.04E-02	0.00E+00	2.04E-02
1.56E-02	1.15E-03	1.24E-03	1.95E-02	0.00E+00	1.95E-02
1.88E-02	1.39E-03	1.34E-03	2.32E-02	0.00E+00	2.32E-02
1.62E-02	1.17E-03	1.44E-03	2.05E-02	0.00E+00	2.05E-02
2.09E-02	1.54E-03	1.56E-03	2.59E-02	0.00E+00	2.59E-02
1.68E-02	1.20E-03	1.70E-03	2.17E-02	0.00E+00	2.17E-02
1.40E-02	9.85E-04	1.85E-03	1.91E-02	0.00E+00	1.91E-02
1.21E-02	8.33E-04	2.02E-03	1.73E-02	0.00E+00	1.73E-02
1.06E-02	7.24E-04	2.22E-03	1.62E-02	0.00E+00	1.62E-02
9.51E-03	6.43E-04	2.46E-03	1.54E-02	0.00E+00	1.54E-02
8.64E-03	5.80E-04	2.73E-03	1.51E-02	0.00E+00	1.51E-02
7.93E-03	5.30E-04	3.05E-03	1.49E-02	0.00E+00	1.49E-02
7.35E-03	4.89E-04	3.44E-03	1.50E-02	0.00E+00	1.50E-02
6.86E-03	4.55E-04	3.90E-03	1.54E-02	0.00E+00	1.54E-02
6.45E-03	4.27E-04	4.46E-03	1.60E-02	0.00E+00	1.60E-02
6.10E-03	4.03E-04	5.15E-03	1.68E-02	0.00E+00	1.68E-02
5.81E-03	3.83E-04	6.01E-03	1.80E-02	0.00E+00	1.80E-02
5.56E-03	3.67E-04	7.12E-03	1.96E-02	0.00E+00	1.96E-02
5.35E-03	3.52E-04	8.57E-03	2.18E-02	0.00E+00	2.18E-02
5.17E-03	3.41E-04	1.05E-02	2.46E-02	0.00E+00	2.46E-02
5.03E-03	3.31E-04	1.31E-02	2.85E-02	0.00E+00	2.85E-02
4.92E-03	3.24E-04	1.67E-02	3.36E-02	0.00E+00	3.36E-02
4.83E-03	3.18E-04	2.21E-02	4.09E-02	0.00E+00	4.09E-02
4.77E-03	3.14E-04	3.03E-02	5.16E-02	0.00E+00	5.16E-02
4.73E-03	3.11E-04	4.31E-02	6.72E-02	0.00E+00	6.72E-02
4.72E-03	3.10E-04	6.24E-02	8.96E-02	0.00E+00	8.96E-02
4.73E-03	3.11E-04	8.33E-02	1.13E-01	0.00E+00	1.13E-01
4.77E-03	3.14E-04	6.06E-02	9.27E-02	0.00E+00	9.27E-02
4.84E-03	3.18E-04	2.03E-02	5.27E-02	0.00E+00	5.27E-02
5.85E-03	3.87E-04	1.62E-02	4.73E-02	0.00E+00	4.73E-02
6.17E-03	4.09E-04	1.42E-02	4.14E-02	0.00E+00	4.14E-02
6.55E-03	4.35E-04	1.24E-02	3.64E-02	0.00E+00	3.64E-02
7.00E-03	4.67E-04	1.09E-02	3.26E-02	0.00E+00	3.26E-02
7.54E-03	5.05E-04	9.57E-03	2.98E-02	0.00E+00	2.98E-02
8.20E-03	5.52E-04	8.49E-03	2.77E-02	0.00E+00	2.77E-02
8.98E-03	6.08E-04	7.54E-03	2.63E-02	0.00E+00	2.63E-02
9.97E-03	6.79E-04	6.74E-03	2.55E-02	0.00E+00	2.55E-02
1.12E-02	7.73E-04	6.05E-03	2.54E-02	0.00E+00	2.54E-02
1.30E-02	9.05E-04	5.47E-03	2.60E-02	0.00E+00	2.60E-02
1.54E-02	1.10E-03	4.97E-03	2.75E-02	0.00E+00	2.75E-02
1.91E-02	1.41E-03	4.53E-03	3.05E-02	0.00E+00	3.05E-02
1.40E-02	1.01E-03	4.14E-03	2.43E-02	0.00E+00	2.43E-02
1.43E-02	1.03E-03	3.82E-03	2.38E-02	0.00E+00	2.38E-02
1.44E-02	1.04E-03	3.52E-03	2.33E-02	0.00E+00	2.33E-02
1.89E-02	1.38E-03	3.26E-03	2.75E-02	0.00E+00	2.75E-02
1.54E-02	1.09E-03	3.02E-03	2.33E-02	0.00E+00	2.33E-02

1.31E-02	9.06E-04	2.81E-03	2.03E-02	0.00E+00	2.03E-02
1.13E-02	7.72E-04	2.63E-03	1.80E-02	0.00E+00	1.80E-02
9.94E-03	6.69E-04	2.46E-03	1.62E-02	0.00E+00	1.62E-02
8.89E-03	5.92E-04	2.31E-03	1.47E-02	0.00E+00	1.47E-02
8.05E-03	5.32E-04	2.17E-03	1.35E-02	0.00E+00	1.35E-02
7.34E-03	4.84E-04	2.04E-03	1.24E-02	0.00E+00	1.24E-02
6.71E-03	4.43E-04	1.93E-03	1.15E-02	0.00E+00	1.15E-02
6.16E-03	4.06E-04	1.82E-03	1.07E-02	0.00E+00	1.07E-02
5.67E-03	3.74E-04	1.72E-03	9.95E-03	0.00E+00	9.95E-03
5.23E-03	3.46E-04	1.63E-03	9.29E-03	0.00E+00	9.29E-03
4.85E-03	3.21E-04	1.55E-03	8.69E-03	0.00E+00	8.69E-03
4.51E-03	2.98E-04	1.48E-03	8.16E-03	0.00E+00	8.16E-03
4.20E-03	2.78E-04	1.40E-03	7.68E-03	0.00E+00	7.68E-03
3.93E-03	2.60E-04	1.34E-03	7.24E-03	0.00E+00	7.24E-03
3.69E-03	2.44E-04	1.28E-03	6.84E-03	0.00E+00	6.84E-03
3.47E-03	2.30E-04	1.22E-03	6.48E-03	0.00E+00	6.48E-03
3.28E-03	2.17E-04	1.17E-03	6.15E-03	0.00E+00	6.15E-03
3.10E-03	2.05E-04	1.12E-03	5.85E-03	0.00E+00	5.85E-03
2.93E-03	1.94E-04	1.07E-03	5.57E-03	0.00E+00	5.57E-03
5.84E-03	3.96E-04	8.54E-04	8.18E-03	0.00E+00	8.18E-03
7.23E-03	4.95E-04	9.07E-04	9.78E-03	0.00E+00	9.78E-03
9.20E-03	6.39E-04	9.64E-04	1.20E-02	0.00E+00	1.20E-02
1.22E-02	8.67E-04	1.02E-03	1.54E-02	0.00E+00	1.54E-02
1.45E-02	1.05E-03	1.09E-03	1.81E-02	0.00E+00	1.81E-02
1.55E-02	1.12E-03	1.17E-03	1.92E-02	0.00E+00	1.92E-02
1.86E-02	1.37E-03	1.25E-03	2.28E-02	0.00E+00	2.28E-02
2.63E-02	1.99E-03	1.35E-03	3.13E-02	0.00E+00	3.13E-02
1.81E-02	1.32E-03	1.45E-03	2.26E-02	0.00E+00	2.26E-02
1.70E-02	1.24E-03	1.57E-03	2.17E-02	0.00E+00	2.17E-02
1.70E-02	1.25E-03	1.70E-03	2.20E-02	0.00E+00	2.20E-02
2.14E-02	1.59E-03	1.85E-03	2.70E-02	0.00E+00	2.70E-02
1.70E-02	1.22E-03	2.02E-03	2.26E-02	0.00E+00	2.26E-02
1.42E-02	1.00E-03	2.22E-03	2.00E-02	0.00E+00	2.00E-02
1.22E-02	8.46E-04	2.45E-03	1.83E-02	0.00E+00	1.83E-02
1.08E-02	7.36E-04	2.71E-03	1.72E-02	0.00E+00	1.72E-02
9.64E-03	6.52E-04	3.02E-03	1.66E-02	0.00E+00	1.66E-02
8.76E-03	5.88E-04	3.38E-03	1.63E-02	0.00E+00	1.63E-02
8.04E-03	5.37E-04	3.82E-03	1.63E-02	0.00E+00	1.63E-02
7.45E-03	4.96E-04	4.35E-03	1.66E-02	0.00E+00	1.66E-02
6.96E-03	4.61E-04	4.99E-03	1.72E-02	0.00E+00	1.72E-02
6.55E-03	4.33E-04	5.77E-03	1.81E-02	0.00E+00	1.81E-02
6.20E-03	4.09E-04	6.76E-03	1.94E-02	0.00E+00	1.94E-02
5.91E-03	3.90E-04	8.01E-03	2.11E-02	0.00E+00	2.11E-02
5.66E-03	3.73E-04	9.64E-03	2.34E-02	0.00E+00	2.34E-02
5.45E-03	3.59E-04	1.18E-02	2.64E-02	0.00E+00	2.64E-02
5.28E-03	3.48E-04	1.47E-02	3.03E-02	0.00E+00	3.03E-02
5.14E-03	3.38E-04	1.85E-02	3.56E-02	0.00E+00	3.56E-02
5.03E-03	3.31E-04	2.41E-02	4.28E-02	0.00E+00	4.28E-02
4.95E-03	3.26E-04	3.18E-02	5.26E-02	0.00E+00	5.26E-02
4.89E-03	3.22E-04	4.22E-02	6.52E-02	0.00E+00	6.52E-02
4.86E-03	3.20E-04	5.36E-02	7.89E-02	0.00E+00	7.89E-02
4.86E-03	3.19E-04	5.78E-02	8.56E-02	0.00E+00	8.56E-02
4.87E-03	3.20E-04	4.39E-02	7.37E-02	0.00E+00	7.37E-02
4.92E-03	3.23E-04	2.54E-02	5.65E-02	0.00E+00	5.65E-02
4.98E-03	3.27E-04	1.56E-02	4.66E-02	0.00E+00	4.66E-02

5.51E-03	3.63E-04	1.15E-02	3.79E-02	0.00E+00	3.79E-02
5.74E-03	3.79E-04	1.08E-02	3.45E-02	0.00E+00	3.45E-02
6.01E-03	3.97E-04	9.92E-03	3.12E-02	0.00E+00	3.12E-02
6.33E-03	4.19E-04	9.06E-03	2.84E-02	0.00E+00	2.84E-02
6.69E-03	4.45E-04	8.20E-03	2.61E-02	0.00E+00	2.61E-02
7.13E-03	4.75E-04	7.41E-03	2.44E-02	0.00E+00	2.44E-02
7.66E-03	5.13E-04	6.73E-03	2.32E-02	0.00E+00	2.32E-02
8.29E-03	5.57E-04	6.11E-03	2.23E-02	0.00E+00	2.23E-02
9.05E-03	6.12E-04	5.55E-03	2.18E-02	0.00E+00	2.18E-02
1.00E-02	6.81E-04	5.06E-03	2.17E-02	0.00E+00	2.17E-02
1.13E-02	7.73E-04	4.63E-03	2.21E-02	0.00E+00	2.21E-02
1.29E-02	8.98E-04	4.25E-03	2.31E-02	0.00E+00	2.31E-02
1.52E-02	1.08E-03	3.91E-03	2.48E-02	0.00E+00	2.48E-02
1.85E-02	1.35E-03	3.60E-03	2.78E-02	0.00E+00	2.78E-02
1.42E-02	1.02E-03	3.34E-03	2.26E-02	0.00E+00	2.26E-02
1.18E-02	8.30E-04	3.11E-03	1.95E-02	0.00E+00	1.95E-02
1.43E-02	1.02E-03	2.90E-03	2.17E-02	0.00E+00	2.17E-02
1.98E-02	1.45E-03	2.70E-03	2.72E-02	0.00E+00	2.72E-02
1.60E-02	1.14E-03	2.53E-03	2.28E-02	0.00E+00	2.28E-02
1.33E-02	9.26E-04	2.37E-03	1.95E-02	0.00E+00	1.95E-02
1.14E-02	7.79E-04	2.23E-03	1.72E-02	0.00E+00	1.72E-02
1.00E-02	6.74E-04	2.09E-03	1.54E-02	0.00E+00	1.54E-02
8.92E-03	5.95E-04	1.97E-03	1.39E-02	0.00E+00	1.39E-02
7.99E-03	5.31E-04	1.87E-03	1.27E-02	0.00E+00	1.27E-02
7.19E-03	4.77E-04	1.76E-03	1.16E-02	0.00E+00	1.16E-02
6.51E-03	4.31E-04	1.67E-03	1.07E-02	0.00E+00	1.07E-02
5.92E-03	3.92E-04	1.59E-03	9.89E-03	0.00E+00	9.89E-03
5.41E-03	3.59E-04	1.51E-03	9.18E-03	0.00E+00	9.18E-03
4.98E-03	3.30E-04	1.44E-03	8.56E-03	0.00E+00	8.56E-03
4.60E-03	3.05E-04	1.37E-03	8.01E-03	0.00E+00	8.01E-03
4.27E-03	2.83E-04	1.31E-03	7.52E-03	0.00E+00	7.52E-03
3.98E-03	2.64E-04	1.25E-03	7.08E-03	0.00E+00	7.08E-03
3.72E-03	2.47E-04	1.19E-03	6.68E-03	0.00E+00	6.68E-03
3.49E-03	2.31E-04	1.14E-03	6.31E-03	0.00E+00	6.31E-03
3.29E-03	2.18E-04	1.09E-03	5.99E-03	0.00E+00	5.99E-03
3.10E-03	2.05E-04	1.05E-03	5.69E-03	0.00E+00	5.69E-03
2.93E-03	1.94E-04	1.01E-03	5.42E-03	0.00E+00	5.42E-03
6.89E-03	4.71E-04	9.11E-04	9.41E-03	0.00E+00	9.41E-03
8.79E-03	6.09E-04	9.67E-04	1.16E-02	0.00E+00	1.16E-02
1.16E-02	8.23E-04	1.03E-03	1.47E-02	0.00E+00	1.47E-02
1.65E-02	1.22E-03	1.10E-03	2.02E-02	0.00E+00	2.02E-02
1.48E-02	1.08E-03	1.17E-03	1.85E-02	0.00E+00	1.85E-02
1.73E-02	1.27E-03	1.25E-03	2.13E-02	0.00E+00	2.13E-02
2.43E-02	1.82E-03	1.35E-03	2.91E-02	0.00E+00	2.91E-02
2.10E-02	1.53E-03	1.45E-03	2.57E-02	0.00E+00	2.57E-02
2.10E-02	1.53E-03	1.56E-03	2.59E-02	0.00E+00	2.59E-02
1.92E-02	1.40E-03	1.69E-03	2.42E-02	0.00E+00	2.42E-02
1.57E-02	1.14E-03	1.84E-03	2.08E-02	0.00E+00	2.08E-02
1.50E-02	1.09E-03	2.00E-03	2.04E-02	0.00E+00	2.04E-02
2.18E-02	1.64E-03	2.19E-03	2.81E-02	0.00E+00	2.81E-02
1.73E-02	1.25E-03	2.41E-03	2.36E-02	0.00E+00	2.36E-02
1.44E-02	1.02E-03	2.66E-03	2.09E-02	0.00E+00	2.09E-02
1.24E-02	8.57E-04	2.95E-03	1.93E-02	0.00E+00	1.93E-02
1.09E-02	7.43E-04	3.28E-03	1.83E-02	0.00E+00	1.83E-02
9.74E-03	6.59E-04	3.68E-03	1.78E-02	0.00E+00	1.78E-02

8.85E-03	5.94E-04	4.16E-03	1.77E-02	0.00E+00	1.77E-02
8.14E-03	5.43E-04	4.73E-03	1.79E-02	0.00E+00	1.79E-02
7.54E-03	5.01E-04	5.42E-03	1.84E-02	0.00E+00	1.84E-02
7.05E-03	4.67E-04	6.27E-03	1.93E-02	0.00E+00	1.93E-02
6.64E-03	4.39E-04	7.32E-03	2.06E-02	0.00E+00	2.06E-02
6.29E-03	4.15E-04	8.64E-03	2.22E-02	0.00E+00	2.22E-02
6.00E-03	3.96E-04	1.03E-02	2.45E-02	0.00E+00	2.45E-02
5.76E-03	3.79E-04	1.24E-02	2.73E-02	0.00E+00	2.73E-02
5.55E-03	3.66E-04	1.52E-02	3.10E-02	0.00E+00	3.10E-02
5.39E-03	3.55E-04	1.88E-02	3.58E-02	0.00E+00	3.58E-02
5.25E-03	3.46E-04	2.35E-02	4.18E-02	0.00E+00	4.18E-02
5.15E-03	3.38E-04	2.92E-02	4.91E-02	0.00E+00	4.91E-02
5.07E-03	3.33E-04	3.54E-02	5.71E-02	0.00E+00	5.71E-02
5.02E-03	3.30E-04	3.99E-02	6.33E-02	0.00E+00	6.33E-02
4.99E-03	3.28E-04	3.88E-02	6.40E-02	0.00E+00	6.40E-02
4.99E-03	3.28E-04	3.10E-02	5.78E-02	0.00E+00	5.78E-02
5.01E-03	3.29E-04	2.17E-02	4.97E-02	0.00E+00	4.97E-02
5.05E-03	3.32E-04	1.45E-02	4.30E-02	0.00E+00	4.30E-02
5.12E-03	3.36E-04	1.07E-02	3.80E-02	0.00E+00	3.80E-02
5.33E-03	3.50E-04	8.50E-03	3.04E-02	0.00E+00	3.04E-02
5.48E-03	3.61E-04	8.02E-03	2.82E-02	0.00E+00	2.82E-02
5.67E-03	3.74E-04	7.60E-03	2.62E-02	0.00E+00	2.62E-02
5.90E-03	3.90E-04	7.15E-03	2.43E-02	0.00E+00	2.43E-02
6.17E-03	4.08E-04	6.69E-03	2.28E-02	0.00E+00	2.28E-02
6.49E-03	4.30E-04	6.22E-03	2.14E-02	0.00E+00	2.14E-02
6.85E-03	4.56E-04	5.76E-03	2.04E-02	0.00E+00	2.04E-02
7.29E-03	4.86E-04	5.33E-03	1.97E-02	0.00E+00	1.97E-02
7.80E-03	5.22E-04	4.92E-03	1.91E-02	0.00E+00	1.91E-02
8.41E-03	5.65E-04	4.54E-03	1.89E-02	0.00E+00	1.89E-02
9.18E-03	6.20E-04	4.20E-03	1.89E-02	0.00E+00	1.89E-02
1.02E-02	6.90E-04	3.90E-03	1.93E-02	0.00E+00	1.93E-02
1.14E-02	7.79E-04	3.62E-03	2.00E-02	0.00E+00	2.00E-02
1.29E-02	8.96E-04	3.36E-03	2.11E-02	0.00E+00	2.11E-02
1.51E-02	1.06E-03	3.13E-03	2.30E-02	0.00E+00	2.30E-02
1.83E-02	1.33E-03	2.92E-03	2.60E-02	0.00E+00	2.60E-02
1.44E-02	1.03E-03	2.73E-03	2.14E-02	0.00E+00	2.14E-02
1.51E-02	1.08E-03	2.56E-03	2.18E-02	0.00E+00	2.18E-02
1.54E-02	1.11E-03	2.40E-03	2.19E-02	0.00E+00	2.19E-02
2.07E-02	1.53E-03	2.26E-03	2.73E-02	0.00E+00	2.73E-02
1.63E-02	1.16E-03	2.13E-03	2.22E-02	0.00E+00	2.22E-02
1.35E-02	9.36E-04	2.01E-03	1.89E-02	0.00E+00	1.89E-02
1.14E-02	7.80E-04	1.90E-03	1.64E-02	0.00E+00	1.64E-02
9.86E-03	6.64E-04	1.79E-03	1.45E-02	0.00E+00	1.45E-02
8.60E-03	5.75E-04	1.70E-03	1.30E-02	0.00E+00	1.30E-02
7.58E-03	5.05E-04	1.61E-03	1.17E-02	0.00E+00	1.17E-02
6.76E-03	4.50E-04	1.54E-03	1.07E-02	0.00E+00	1.07E-02
6.09E-03	4.05E-04	1.46E-03	9.78E-03	0.00E+00	9.78E-03
5.53E-03	3.67E-04	1.39E-03	9.03E-03	0.00E+00	9.03E-03
5.05E-03	3.36E-04	1.33E-03	8.38E-03	0.00E+00	8.38E-03
4.65E-03	3.09E-04	1.27E-03	7.82E-03	0.00E+00	7.82E-03
4.30E-03	2.86E-04	1.21E-03	7.33E-03	0.00E+00	7.33E-03
4.00E-03	2.65E-04	1.16E-03	6.89E-03	0.00E+00	6.89E-03
3.73E-03	2.47E-04	1.11E-03	6.50E-03	0.00E+00	6.50E-03
3.49E-03	2.31E-04	1.07E-03	6.14E-03	0.00E+00	6.14E-03
3.28E-03	2.17E-04	1.02E-03	5.81E-03	0.00E+00	5.81E-03

3.09E-03	2.05E-04	9.83E-04	5.52E-03	0.00E+00	5.52E-03
1.09E-02	7.68E-04	1.03E-03	1.39E-02	0.00E+00	1.39E-02
1.53E-02	1.12E-03	1.09E-03	1.89E-02	0.00E+00	1.89E-02
1.41E-02	1.02E-03	1.17E-03	1.77E-02	0.00E+00	1.77E-02
1.65E-02	1.21E-03	1.25E-03	2.04E-02	0.00E+00	2.04E-02
1.99E-02	1.47E-03	1.34E-03	2.43E-02	0.00E+00	2.43E-02
1.92E-02	1.39E-03	1.44E-03	2.38E-02	0.00E+00	2.38E-02
1.73E-02	1.23E-03	1.55E-03	2.19E-02	0.00E+00	2.19E-02
1.71E-02	1.21E-03	1.67E-03	2.19E-02	0.00E+00	2.19E-02
1.84E-02	1.33E-03	1.81E-03	2.36E-02	0.00E+00	2.36E-02
2.19E-02	1.63E-03	1.97E-03	2.77E-02	0.00E+00	2.77E-02
1.51E-02	1.09E-03	2.14E-03	2.07E-02	0.00E+00	2.07E-02
1.18E-02	8.32E-04	2.35E-03	1.75E-02	0.00E+00	1.75E-02
1.80E-02	1.33E-03	2.58E-03	2.47E-02	0.00E+00	2.47E-02
1.76E-02	1.28E-03	2.85E-03	2.47E-02	0.00E+00	2.47E-02
1.46E-02	1.03E-03	3.15E-03	2.20E-02	0.00E+00	2.20E-02
1.25E-02	8.68E-04	3.51E-03	2.04E-02	0.00E+00	2.04E-02
1.10E-02	7.53E-04	3.94E-03	1.95E-02	0.00E+00	1.95E-02
9.85E-03	6.68E-04	4.44E-03	1.91E-02	0.00E+00	1.91E-02
8.95E-03	6.02E-04	5.03E-03	1.92E-02	0.00E+00	1.92E-02
8.23E-03	5.50E-04	5.75E-03	1.96E-02	0.00E+00	1.96E-02
7.63E-03	5.07E-04	6.61E-03	2.04E-02	0.00E+00	2.04E-02
7.14E-03	4.73E-04	7.66E-03	2.15E-02	0.00E+00	2.15E-02
6.73E-03	4.45E-04	8.95E-03	2.30E-02	0.00E+00	2.30E-02
6.38E-03	4.21E-04	1.05E-02	2.50E-02	0.00E+00	2.50E-02
6.10E-03	4.02E-04	1.25E-02	2.76E-02	0.00E+00	2.76E-02
5.86E-03	3.86E-04	1.49E-02	3.07E-02	0.00E+00	3.07E-02
5.66E-03	3.72E-04	1.79E-02	3.46E-02	0.00E+00	3.46E-02
5.49E-03	3.61E-04	2.13E-02	3.90E-02	0.00E+00	3.90E-02
5.36E-03	3.53E-04	2.49E-02	4.38E-02	0.00E+00	4.38E-02
5.26E-03	3.46E-04	2.79E-02	4.81E-02	0.00E+00	4.81E-02
5.19E-03	3.41E-04	2.91E-02	5.06E-02	0.00E+00	5.06E-02
5.14E-03	3.37E-04	2.71E-02	4.98E-02	0.00E+00	4.98E-02
5.11E-03	3.36E-04	2.25E-02	4.63E-02	0.00E+00	4.63E-02
5.11E-03	3.36E-04	1.73E-02	4.18E-02	0.00E+00	4.18E-02
5.14E-03	3.37E-04	1.26E-02	3.73E-02	0.00E+00	3.73E-02
5.19E-03	3.41E-04	9.35E-03	3.32E-02	0.00E+00	3.32E-02
5.26E-03	3.46E-04	7.56E-03	2.92E-02	0.00E+00	2.92E-02
5.36E-03	3.52E-04	6.69E-03	2.57E-02	0.00E+00	2.57E-02
5.48E-03	3.61E-04	6.18E-03	2.33E-02	0.00E+00	2.33E-02
5.65E-03	3.72E-04	5.81E-03	2.15E-02	0.00E+00	2.15E-02
5.85E-03	3.85E-04	5.48E-03	2.02E-02	0.00E+00	2.02E-02
6.08E-03	4.01E-04	5.17E-03	1.91E-02	0.00E+00	1.91E-02
6.36E-03	4.20E-04	4.87E-03	1.83E-02	0.00E+00	1.83E-02
6.68E-03	4.43E-04	4.57E-03	1.76E-02	0.00E+00	1.76E-02
7.04E-03	4.68E-04	4.28E-03	1.71E-02	0.00E+00	1.71E-02
7.48E-03	4.99E-04	4.00E-03	1.68E-02	0.00E+00	1.68E-02
8.01E-03	5.36E-04	3.75E-03	1.67E-02	0.00E+00	1.67E-02
8.65E-03	5.82E-04	3.51E-03	1.69E-02	0.00E+00	1.69E-02
9.44E-03	6.38E-04	3.29E-03	1.72E-02	0.00E+00	1.72E-02
1.04E-02	7.07E-04	3.08E-03	1.78E-02	0.00E+00	1.78E-02
1.16E-02	7.95E-04	2.89E-03	1.87E-02	0.00E+00	1.87E-02
1.32E-02	9.14E-04	2.71E-03	2.00E-02	0.00E+00	2.00E-02
1.54E-02	1.08E-03	2.55E-03	2.20E-02	0.00E+00	2.20E-02
1.85E-02	1.33E-03	2.40E-03	2.51E-02	0.00E+00	2.51E-02



1.86E-02	1.35E-03	2.26E-03	2.49E-02	0.00E+00	2.49E-02
1.32E-02	9.26E-04	2.14E-03	1.88E-02	0.00E+00	1.88E-02
1.53E-02	1.10E-03	2.02E-03	2.09E-02	0.00E+00	2.09E-02
2.13E-02	1.58E-03	1.91E-03	2.71E-02	0.00E+00	2.71E-02
1.62E-02	1.15E-03	1.81E-03	2.13E-02	0.00E+00	2.13E-02
1.29E-02	8.90E-04	1.72E-03	1.76E-02	0.00E+00	1.76E-02
1.06E-02	7.20E-04	1.63E-03	1.49E-02	0.00E+00	1.49E-02
8.99E-03	6.05E-04	1.55E-03	1.31E-02	0.00E+00	1.31E-02
7.80E-03	5.22E-04	1.48E-03	1.16E-02	0.00E+00	1.16E-02
6.88E-03	4.59E-04	1.41E-03	1.05E-02	0.00E+00	1.05E-02
6.15E-03	4.10E-04	1.34E-03	9.57E-03	0.00E+00	9.57E-03
5.56E-03	3.70E-04	1.29E-03	8.81E-03	0.00E+00	8.81E-03
5.06E-03	3.37E-04	1.23E-03	8.16E-03	0.00E+00	8.16E-03
4.65E-03	3.09E-04	1.18E-03	7.60E-03	0.00E+00	7.60E-03
4.29E-03	2.85E-04	1.13E-03	7.11E-03	0.00E+00	7.11E-03
3.98E-03	2.64E-04	1.08E-03	6.68E-03	0.00E+00	6.68E-03
3.71E-03	2.46E-04	1.04E-03	6.30E-03	0.00E+00	6.30E-03
3.47E-03	2.30E-04	9.97E-04	5.95E-03	0.00E+00	5.95E-03
3.26E-03	2.16E-04	9.58E-04	5.64E-03	0.00E+00	5.64E-03
3.06E-03	2.03E-04	9.22E-04	5.35E-03	0.00E+00	5.35E-03
1.40E-02	1.02E-03	1.09E-03	1.74E-02	0.00E+00	1.74E-02
1.28E-02	9.25E-04	1.16E-03	1.63E-02	0.00E+00	1.63E-02
1.20E-02	8.59E-04	1.24E-03	1.56E-02	0.00E+00	1.56E-02
2.04E-02	1.53E-03	1.32E-03	2.48E-02	0.00E+00	2.48E-02
1.86E-02	1.35E-03	1.42E-03	2.30E-02	0.00E+00	2.30E-02
1.57E-02	1.12E-03	1.52E-03	2.01E-02	0.00E+00	2.01E-02
1.44E-02	1.01E-03	1.64E-03	1.89E-02	0.00E+00	1.89E-02
1.42E-02	9.88E-04	1.77E-03	1.89E-02	0.00E+00	1.89E-02
1.49E-02	1.05E-03	1.92E-03	2.00E-02	0.00E+00	2.00E-02
1.68E-02	1.20E-03	2.09E-03	2.23E-02	0.00E+00	2.23E-02
2.01E-02	1.49E-03	2.27E-03	2.63E-02	0.00E+00	2.63E-02
1.41E-02	1.01E-03	2.49E-03	2.02E-02	0.00E+00	2.02E-02
1.43E-02	1.03E-03	2.73E-03	2.09E-02	0.00E+00	2.09E-02
1.74E-02	1.29E-03	3.01E-03	2.47E-02	0.00E+00	2.47E-02
1.80E-02	1.32E-03	3.33E-03	2.60E-02	0.00E+00	2.60E-02
1.49E-02	1.06E-03	3.70E-03	2.32E-02	0.00E+00	2.32E-02
1.27E-02	8.87E-04	4.13E-03	2.16E-02	0.00E+00	2.16E-02
1.12E-02	7.68E-04	4.64E-03	2.08E-02	0.00E+00	2.08E-02
1.00E-02	6.80E-04	5.24E-03	2.06E-02	0.00E+00	2.06E-02
9.07E-03	6.10E-04	5.94E-03	2.07E-02	0.00E+00	2.07E-02
8.33E-03	5.57E-04	6.78E-03	2.13E-02	0.00E+00	2.13E-02
7.73E-03	5.14E-04	7.78E-03	2.22E-02	0.00E+00	2.22E-02
7.23E-03	4.79E-04	8.98E-03	2.35E-02	0.00E+00	2.35E-02
6.83E-03	4.51E-04	1.04E-02	2.52E-02	0.00E+00	2.52E-02
6.49E-03	4.27E-04	1.20E-02	2.72E-02	0.00E+00	2.72E-02
6.20E-03	4.08E-04	1.40E-02	2.98E-02	0.00E+00	2.98E-02
5.96E-03	3.92E-04	1.62E-02	3.26E-02	0.00E+00	3.26E-02
5.76E-03	3.79E-04	1.85E-02	3.56E-02	0.00E+00	3.56E-02
5.60E-03	3.68E-04	2.05E-02	3.85E-02	0.00E+00	3.85E-02
5.47E-03	3.60E-04	2.17E-02	4.05E-02	0.00E+00	4.05E-02
5.37E-03	3.53E-04	2.15E-02	4.12E-02	0.00E+00	4.12E-02
5.30E-03	3.48E-04	1.97E-02	4.02E-02	0.00E+00	4.02E-02
5.26E-03	3.45E-04	1.69E-02	3.79E-02	0.00E+00	3.79E-02
5.24E-03	3.44E-04	1.38E-02	3.50E-02	0.00E+00	3.50E-02
5.25E-03	3.44E-04	1.07E-02	3.18E-02	0.00E+00	3.18E-02

5.28E-03	3.47E-04	8.22E-03	2.84E-02	0.00E+00	2.84E-02
5.33E-03	3.50E-04	6.53E-03	2.51E-02	0.00E+00	2.51E-02
5.41E-03	3.56E-04	5.58E-03	2.24E-02	0.00E+00	2.24E-02
5.52E-03	3.63E-04	5.05E-03	2.03E-02	0.00E+00	2.03E-02
5.66E-03	3.72E-04	4.70E-03	1.88E-02	0.00E+00	1.88E-02
5.83E-03	3.84E-04	4.42E-03	1.77E-02	0.00E+00	1.77E-02
6.04E-03	3.98E-04	4.17E-03	1.68E-02	0.00E+00	1.68E-02
6.29E-03	4.16E-04	3.95E-03	1.62E-02	0.00E+00	1.62E-02
6.58E-03	4.36E-04	3.73E-03	1.57E-02	0.00E+00	1.57E-02
6.91E-03	4.59E-04	3.52E-03	1.54E-02	0.00E+00	1.54E-02
7.31E-03	4.86E-04	3.33E-03	1.52E-02	0.00E+00	1.52E-02
7.79E-03	5.20E-04	3.14E-03	1.52E-02	0.00E+00	1.52E-02
8.36E-03	5.60E-04	2.97E-03	1.54E-02	0.00E+00	1.54E-02
9.06E-03	6.09E-04	2.80E-03	1.58E-02	0.00E+00	1.58E-02
9.90E-03	6.69E-04	2.64E-03	1.63E-02	0.00E+00	1.63E-02
1.10E-02	7.44E-04	2.50E-03	1.71E-02	0.00E+00	1.71E-02
1.23E-02	8.43E-04	2.36E-03	1.83E-02	0.00E+00	1.83E-02
1.41E-02	9.73E-04	2.23E-03	1.99E-02	0.00E+00	1.99E-02
1.65E-02	1.16E-03	2.12E-03	2.23E-02	0.00E+00	2.23E-02
1.99E-02	1.43E-03	2.01E-03	2.57E-02	0.00E+00	2.57E-02
2.13E-02	1.57E-03	1.90E-03	2.70E-02	0.00E+00	2.70E-02
1.44E-02	1.02E-03	1.81E-03	1.94E-02	0.00E+00	1.94E-02
1.93E-02	1.42E-03	1.72E-03	2.45E-02	0.00E+00	2.45E-02
1.79E-02	1.29E-03	1.63E-03	2.28E-02	0.00E+00	2.28E-02
1.34E-02	9.32E-04	1.56E-03	1.78E-02	0.00E+00	1.78E-02
1.08E-02	7.34E-04	1.48E-03	1.48E-02	0.00E+00	1.48E-02
9.03E-03	6.09E-04	1.42E-03	1.28E-02	0.00E+00	1.28E-02
7.78E-03	5.22E-04	1.35E-03	1.13E-02	0.00E+00	1.13E-02
6.84E-03	4.58E-04	1.29E-03	1.02E-02	0.00E+00	1.02E-02
6.10E-03	4.07E-04	1.24E-03	9.28E-03	0.00E+00	9.28E-03
5.51E-03	3.67E-04	1.19E-03	8.53E-03	0.00E+00	8.53E-03
5.01E-03	3.34E-04	1.14E-03	7.89E-03	0.00E+00	7.89E-03
4.60E-03	3.05E-04	1.09E-03	7.35E-03	0.00E+00	7.35E-03
4.24E-03	2.82E-04	1.05E-03	6.87E-03	0.00E+00	6.87E-03
3.93E-03	2.61E-04	1.01E-03	6.46E-03	0.00E+00	6.46E-03
3.67E-03	2.43E-04	9.68E-04	6.09E-03	0.00E+00	6.09E-03
3.43E-03	2.27E-04	9.32E-04	5.76E-03	0.00E+00	5.76E-03
3.22E-03	2.13E-04	8.97E-04	5.45E-03	0.00E+00	5.45E-03
3.03E-03	2.00E-04	8.64E-04	5.18E-03	0.00E+00	5.18E-03
1.51E-02	1.12E-03	1.14E-03	1.87E-02	0.00E+00	1.87E-02
1.44E-02	1.06E-03	1.22E-03	1.81E-02	0.00E+00	1.81E-02
1.92E-02	1.45E-03	1.30E-03	2.35E-02	0.00E+00	2.35E-02
1.83E-02	1.35E-03	1.39E-03	2.27E-02	0.00E+00	2.27E-02
1.49E-02	1.06E-03	1.49E-03	1.91E-02	0.00E+00	1.91E-02
1.30E-02	9.06E-04	1.60E-03	1.73E-02	0.00E+00	1.73E-02
1.21E-02	8.34E-04	1.72E-03	1.66E-02	0.00E+00	1.66E-02
1.19E-02	8.22E-04	1.86E-03	1.66E-02	0.00E+00	1.66E-02
1.24E-02	8.59E-04	2.02E-03	1.75E-02	0.00E+00	1.75E-02
1.35E-02	9.48E-04	2.19E-03	1.90E-02	0.00E+00	1.90E-02
1.55E-02	1.11E-03	2.38E-03	2.15E-02	0.00E+00	2.15E-02
1.88E-02	1.39E-03	2.60E-03	2.55E-02	0.00E+00	2.55E-02
1.40E-02	1.02E-03	2.85E-03	2.08E-02	0.00E+00	2.08E-02
1.12E-02	7.89E-04	3.13E-03	1.82E-02	0.00E+00	1.82E-02
1.35E-02	9.68E-04	3.46E-03	2.12E-02	0.00E+00	2.12E-02
1.86E-02	1.37E-03	3.83E-03	2.74E-02	0.00E+00	2.74E-02

1.52E-02	1.09E-03	4.26E-03	2.45E-02	0.00E+00	2.45E-02
1.30E-02	9.10E-04	4.76E-03	2.29E-02	0.00E+00	2.29E-02
1.14E-02	7.84E-04	5.34E-03	2.22E-02	0.00E+00	2.22E-02
1.01E-02	6.90E-04	6.01E-03	2.19E-02	0.00E+00	2.19E-02
9.19E-03	6.19E-04	6.79E-03	2.21E-02	0.00E+00	2.21E-02
8.45E-03	5.65E-04	7.70E-03	2.28E-02	0.00E+00	2.28E-02
7.84E-03	5.22E-04	8.76E-03	2.37E-02	0.00E+00	2.37E-02
7.34E-03	4.86E-04	9.94E-03	2.50E-02	0.00E+00	2.50E-02
6.93E-03	4.58E-04	1.13E-02	2.66E-02	0.00E+00	2.66E-02
6.59E-03	4.35E-04	1.28E-02	2.84E-02	0.00E+00	2.84E-02
6.31E-03	4.15E-04	1.43E-02	3.03E-02	0.00E+00	3.03E-02
6.07E-03	3.99E-04	1.56E-02	3.22E-02	0.00E+00	3.22E-02
5.87E-03	3.86E-04	1.66E-02	3.37E-02	0.00E+00	3.37E-02
5.71E-03	3.76E-04	1.70E-02	3.46E-02	0.00E+00	3.46E-02
5.59E-03	3.67E-04	1.64E-02	3.45E-02	0.00E+00	3.45E-02
5.49E-03	3.61E-04	1.50E-02	3.34E-02	0.00E+00	3.34E-02
5.43E-03	3.57E-04	1.31E-02	3.18E-02	0.00E+00	3.18E-02
5.39E-03	3.54E-04	1.11E-02	2.97E-02	0.00E+00	2.97E-02
5.38E-03	3.53E-04	9.05E-03	2.73E-02	0.00E+00	2.73E-02
5.39E-03	3.54E-04	7.20E-03	2.46E-02	0.00E+00	2.46E-02
5.43E-03	3.56E-04	5.76E-03	2.20E-02	0.00E+00	2.20E-02
5.49E-03	3.61E-04	4.83E-03	1.98E-02	0.00E+00	1.98E-02
5.59E-03	3.67E-04	4.28E-03	1.82E-02	0.00E+00	1.82E-02
5.71E-03	3.76E-04	3.93E-03	1.69E-02	0.00E+00	1.69E-02
5.86E-03	3.86E-04	3.69E-03	1.59E-02	0.00E+00	1.59E-02
6.05E-03	3.99E-04	3.49E-03	1.52E-02	0.00E+00	1.52E-02
6.29E-03	4.15E-04	3.31E-03	1.47E-02	0.00E+00	1.47E-02
6.56E-03	4.34E-04	3.14E-03	1.44E-02	0.00E+00	1.44E-02
6.88E-03	4.56E-04	2.98E-03	1.42E-02	0.00E+00	1.42E-02
7.26E-03	4.82E-04	2.82E-03	1.41E-02	0.00E+00	1.41E-02
7.72E-03	5.14E-04	2.68E-03	1.42E-02	0.00E+00	1.42E-02
8.27E-03	5.53E-04	2.55E-03	1.44E-02	0.00E+00	1.44E-02
8.95E-03	6.00E-04	2.42E-03	1.48E-02	0.00E+00	1.48E-02
9.77E-03	6.58E-04	2.30E-03	1.54E-02	0.00E+00	1.54E-02
1.08E-02	7.32E-04	2.18E-03	1.63E-02	0.00E+00	1.63E-02
1.22E-02	8.30E-04	2.08E-03	1.75E-02	0.00E+00	1.75E-02
1.40E-02	9.63E-04	1.97E-03	1.93E-02	0.00E+00	1.93E-02
1.65E-02	1.16E-03	1.88E-03	2.18E-02	0.00E+00	2.18E-02
2.06E-02	1.49E-03	1.79E-03	2.60E-02	0.00E+00	2.60E-02
1.83E-02	1.32E-03	1.70E-03	2.34E-02	0.00E+00	2.34E-02
1.52E-02	1.08E-03	1.62E-03	1.98E-02	0.00E+00	1.98E-02
2.00E-02	1.47E-03	1.55E-03	2.49E-02	0.00E+00	2.49E-02
1.66E-02	1.18E-03	1.48E-03	2.10E-02	0.00E+00	2.10E-02
1.27E-02	8.80E-04	1.41E-03	1.67E-02	0.00E+00	1.67E-02
1.03E-02	7.05E-04	1.35E-03	1.41E-02	0.00E+00	1.41E-02
8.74E-03	5.91E-04	1.29E-03	1.22E-02	0.00E+00	1.22E-02
7.57E-03	5.08E-04	1.24E-03	1.08E-02	0.00E+00	1.08E-02
6.68E-03	4.47E-04	1.19E-03	9.77E-03	0.00E+00	9.77E-03
5.97E-03	3.98E-04	1.14E-03	8.91E-03	0.00E+00	8.91E-03
5.39E-03	3.59E-04	1.09E-03	8.20E-03	0.00E+00	8.20E-03
4.91E-03	3.27E-04	1.05E-03	7.60E-03	0.00E+00	7.60E-03
4.51E-03	3.00E-04	1.01E-03	7.08E-03	0.00E+00	7.08E-03
4.16E-03	2.76E-04	9.74E-04	6.63E-03	0.00E+00	6.63E-03
3.86E-03	2.56E-04	9.37E-04	6.23E-03	0.00E+00	6.23E-03
3.60E-03	2.38E-04	9.03E-04	5.87E-03	0.00E+00	5.87E-03

3.37E-03	2.23E-04	8.70E-04	5.55E-03	0.00E+00	5.55E-03
3.16E-03	2.09E-04	8.40E-04	5.26E-03	0.00E+00	5.26E-03
9.42E-03	6.72E-04	1.19E-03	1.27E-02	0.00E+00	1.27E-02
1.37E-02	1.01E-03	1.27E-03	1.74E-02	0.00E+00	1.74E-02
1.79E-02	1.33E-03	1.36E-03	2.21E-02	0.00E+00	2.21E-02
1.41E-02	1.01E-03	1.45E-03	1.82E-02	0.00E+00	1.82E-02
1.20E-02	8.39E-04	1.56E-03	1.61E-02	0.00E+00	1.61E-02
1.08E-02	7.44E-04	1.67E-03	1.51E-02	0.00E+00	1.51E-02
1.02E-02	7.01E-04	1.80E-03	1.47E-02	0.00E+00	1.47E-02
1.01E-02	6.94E-04	1.94E-03	1.49E-02	0.00E+00	1.49E-02
1.05E-02	7.19E-04	2.10E-03	1.55E-02	0.00E+00	1.55E-02
1.13E-02	7.80E-04	2.28E-03	1.67E-02	0.00E+00	1.67E-02
1.26E-02	8.80E-04	2.47E-03	1.85E-02	0.00E+00	1.85E-02
1.46E-02	1.04E-03	2.70E-03	2.11E-02	0.00E+00	2.11E-02
1.78E-02	1.31E-03	2.95E-03	2.50E-02	0.00E+00	2.50E-02
1.31E-02	9.43E-04	3.23E-03	2.05E-02	0.00E+00	2.05E-02
1.39E-02	1.01E-03	3.55E-03	2.18E-02	0.00E+00	2.18E-02
1.46E-02	1.07E-03	3.91E-03	2.32E-02	0.00E+00	2.32E-02
1.92E-02	1.42E-03	4.33E-03	2.89E-02	0.00E+00	2.89E-02
1.56E-02	1.12E-03	4.81E-03	2.58E-02	0.00E+00	2.58E-02
1.33E-02	9.34E-04	5.35E-03	2.42E-02	0.00E+00	2.42E-02
1.16E-02	8.01E-04	5.97E-03	2.34E-02	0.00E+00	2.34E-02
1.03E-02	7.03E-04	6.67E-03	2.31E-02	0.00E+00	2.31E-02
9.34E-03	6.29E-04	7.46E-03	2.33E-02	0.00E+00	2.33E-02
8.58E-03	5.74E-04	8.35E-03	2.39E-02	0.00E+00	2.39E-02
7.96E-03	5.30E-04	9.33E-03	2.47E-02	0.00E+00	2.47E-02
7.46E-03	4.94E-04	1.04E-02	2.58E-02	0.00E+00	2.58E-02
7.05E-03	4.66E-04	1.14E-02	2.69E-02	0.00E+00	2.69E-02
6.71E-03	4.42E-04	1.24E-02	2.81E-02	0.00E+00	2.81E-02
6.42E-03	4.23E-04	1.31E-02	2.91E-02	0.00E+00	2.91E-02
6.18E-03	4.07E-04	1.36E-02	2.98E-02	0.00E+00	2.98E-02
5.99E-03	3.94E-04	1.35E-02	3.00E-02	0.00E+00	3.00E-02
5.83E-03	3.83E-04	1.28E-02	2.96E-02	0.00E+00	2.96E-02
5.71E-03	3.75E-04	1.17E-02	2.86E-02	0.00E+00	2.86E-02
5.62E-03	3.69E-04	1.04E-02	2.73E-02	0.00E+00	2.73E-02
5.56E-03	3.65E-04	9.07E-03	2.57E-02	0.00E+00	2.57E-02
5.53E-03	3.63E-04	7.65E-03	2.38E-02	0.00E+00	2.38E-02
5.52E-03	3.63E-04	6.28E-03	2.17E-02	0.00E+00	2.17E-02
5.55E-03	3.64E-04	5.12E-03	1.97E-02	0.00E+00	1.97E-02
5.60E-03	3.68E-04	4.28E-03	1.80E-02	0.00E+00	1.80E-02
5.68E-03	3.73E-04	3.73E-03	1.66E-02	0.00E+00	1.66E-02
5.79E-03	3.81E-04	3.39E-03	1.55E-02	0.00E+00	1.55E-02
5.94E-03	3.91E-04	3.15E-03	1.47E-02	0.00E+00	1.47E-02
6.11E-03	4.03E-04	2.97E-03	1.41E-02	0.00E+00	1.41E-02
6.34E-03	4.19E-04	2.83E-03	1.37E-02	0.00E+00	1.37E-02
6.61E-03	4.38E-04	2.69E-03	1.35E-02	0.00E+00	1.35E-02
6.94E-03	4.60E-04	2.57E-03	1.34E-02	0.00E+00	1.34E-02
7.32E-03	4.86E-04	2.44E-03	1.34E-02	0.00E+00	1.34E-02
7.79E-03	5.19E-04	2.33E-03	1.35E-02	0.00E+00	1.35E-02
8.37E-03	5.59E-04	2.22E-03	1.38E-02	0.00E+00	1.38E-02
9.09E-03	6.09E-04	2.12E-03	1.43E-02	0.00E+00	1.43E-02
9.99E-03	6.72E-04	2.02E-03	1.51E-02	0.00E+00	1.51E-02
1.12E-02	7.56E-04	1.93E-03	1.61E-02	0.00E+00	1.61E-02
1.28E-02	8.72E-04	1.84E-03	1.76E-02	0.00E+00	1.76E-02
1.51E-02	1.05E-03	1.76E-03	1.99E-02	0.00E+00	1.99E-02

1.87E-02	1.34E-03	1.68E-03	2.38E-02	0.00E+00	2.38E-02
1.75E-02	1.25E-03	1.60E-03	2.23E-02	0.00E+00	2.23E-02
1.89E-02	1.36E-03	1.53E-03	2.36E-02	0.00E+00	2.36E-02
2.17E-02	1.60E-03	1.46E-03	2.66E-02	0.00E+00	2.66E-02
1.92E-02	1.38E-03	1.40E-03	2.37E-02	0.00E+00	2.37E-02
1.46E-02	1.02E-03	1.34E-03	1.85E-02	0.00E+00	1.85E-02
1.16E-02	8.00E-04	1.29E-03	1.53E-02	0.00E+00	1.53E-02
9.70E-03	6.59E-04	1.24E-03	1.31E-02	0.00E+00	1.31E-02
8.31E-03	5.61E-04	1.19E-03	1.15E-02	0.00E+00	1.15E-02
7.26E-03	4.87E-04	1.14E-03	1.03E-02	0.00E+00	1.03E-02
6.43E-03	4.31E-04	1.09E-03	9.31E-03	0.00E+00	9.31E-03
5.78E-03	3.86E-04	1.05E-03	8.51E-03	0.00E+00	8.51E-03
5.23E-03	3.49E-04	1.01E-03	7.85E-03	0.00E+00	7.85E-03
4.78E-03	3.18E-04	9.75E-04	7.28E-03	0.00E+00	7.28E-03
4.40E-03	2.92E-04	9.40E-04	6.80E-03	0.00E+00	6.80E-03
4.07E-03	2.70E-04	9.06E-04	6.37E-03	0.00E+00	6.37E-03
3.78E-03	2.50E-04	8.74E-04	5.99E-03	0.00E+00	5.99E-03
3.52E-03	2.33E-04	8.44E-04	5.65E-03	0.00E+00	5.65E-03
3.30E-03	2.18E-04	8.14E-04	5.35E-03	0.00E+00	5.35E-03
3.09E-03	2.04E-04	7.87E-04	5.07E-03	0.00E+00	5.07E-03
1.68E-02	1.26E-03	1.33E-03	2.09E-02	0.00E+00	2.09E-02
1.31E-02	9.39E-04	1.41E-03	1.70E-02	0.00E+00	1.70E-02
1.10E-02	7.70E-04	1.51E-03	1.50E-02	0.00E+00	1.50E-02
9.72E-03	6.70E-04	1.62E-03	1.38E-02	0.00E+00	1.38E-02
9.04E-03	6.17E-04	1.73E-03	1.33E-02	0.00E+00	1.33E-02
8.73E-03	5.94E-04	1.86E-03	1.32E-02	0.00E+00	1.32E-02
8.74E-03	5.93E-04	2.01E-03	1.35E-02	0.00E+00	1.35E-02
9.06E-03	6.16E-04	2.17E-03	1.41E-02	0.00E+00	1.41E-02
9.65E-03	6.59E-04	2.35E-03	1.51E-02	0.00E+00	1.51E-02
1.05E-02	7.26E-04	2.54E-03	1.64E-02	0.00E+00	1.64E-02
1.19E-02	8.29E-04	2.76E-03	1.83E-02	0.00E+00	1.83E-02
1.39E-02	9.84E-04	3.01E-03	2.08E-02	0.00E+00	2.08E-02
1.69E-02	1.23E-03	3.29E-03	2.46E-02	0.00E+00	2.46E-02
1.65E-02	1.21E-03	3.60E-03	2.47E-02	0.00E+00	2.47E-02
1.37E-02	9.97E-04	3.95E-03	2.23E-02	0.00E+00	2.23E-02
1.35E-02	9.72E-04	4.34E-03	2.27E-02	0.00E+00	2.27E-02
1.99E-02	1.49E-03	4.78E-03	3.04E-02	0.00E+00	3.04E-02
1.61E-02	1.16E-03	5.28E-03	2.71E-02	0.00E+00	2.71E-02
1.36E-02	9.59E-04	5.83E-03	2.53E-02	0.00E+00	2.53E-02
1.18E-02	8.17E-04	6.44E-03	2.43E-02	0.00E+00	2.43E-02
1.05E-02	7.15E-04	7.11E-03	2.40E-02	0.00E+00	2.40E-02
9.50E-03	6.41E-04	7.84E-03	2.41E-02	0.00E+00	2.41E-02
8.73E-03	5.85E-04	8.60E-03	2.44E-02	0.00E+00	2.44E-02
8.10E-03	5.39E-04	9.36E-03	2.50E-02	0.00E+00	2.50E-02
7.59E-03	5.03E-04	1.01E-02	2.56E-02	0.00E+00	2.56E-02
7.18E-03	4.74E-04	1.07E-02	2.62E-02	0.00E+00	2.62E-02
6.83E-03	4.51E-04	1.10E-02	2.66E-02	0.00E+00	2.66E-02
6.54E-03	4.31E-04	1.11E-02	2.68E-02	0.00E+00	2.68E-02
6.31E-03	4.15E-04	1.08E-02	2.65E-02	0.00E+00	2.65E-02
6.12E-03	4.02E-04	1.03E-02	2.59E-02	0.00E+00	2.59E-02
5.96E-03	3.92E-04	9.44E-03	2.50E-02	0.00E+00	2.50E-02
5.85E-03	3.84E-04	8.52E-03	2.39E-02	0.00E+00	2.39E-02
5.76E-03	3.79E-04	7.55E-03	2.26E-02	0.00E+00	2.26E-02
5.71E-03	3.75E-04	6.52E-03	2.11E-02	0.00E+00	2.11E-02
5.69E-03	3.74E-04	5.49E-03	1.95E-02	0.00E+00	1.95E-02

5.70E-03	3.74E-04	4.57E-03	1.79E-02	0.00E+00	1.79E-02
5.74E-03	3.77E-04	3.85E-03	1.65E-02	0.00E+00	1.65E-02
5.81E-03	3.82E-04	3.32E-03	1.54E-02	0.00E+00	1.54E-02
5.91E-03	3.89E-04	2.98E-03	1.45E-02	0.00E+00	1.45E-02
6.05E-03	3.99E-04	2.75E-03	1.38E-02	0.00E+00	1.38E-02
6.23E-03	4.11E-04	2.58E-03	1.34E-02	0.00E+00	1.34E-02
6.46E-03	4.27E-04	2.45E-03	1.30E-02	0.00E+00	1.30E-02
6.74E-03	4.46E-04	2.34E-03	1.29E-02	0.00E+00	1.29E-02
7.08E-03	4.70E-04	2.24E-03	1.28E-02	0.00E+00	1.28E-02
7.50E-03	4.98E-04	2.14E-03	1.29E-02	0.00E+00	1.29E-02
8.01E-03	5.34E-04	2.05E-03	1.32E-02	0.00E+00	1.32E-02
8.66E-03	5.79E-04	1.96E-03	1.36E-02	0.00E+00	1.36E-02
9.48E-03	6.36E-04	1.88E-03	1.42E-02	0.00E+00	1.42E-02
1.06E-02	7.12E-04	1.80E-03	1.52E-02	0.00E+00	1.52E-02
1.21E-02	8.20E-04	1.72E-03	1.66E-02	0.00E+00	1.66E-02
1.42E-02	9.80E-04	1.65E-03	1.88E-02	0.00E+00	1.88E-02
1.76E-02	1.25E-03	1.58E-03	2.23E-02	0.00E+00	2.23E-02
1.63E-02	1.15E-03	1.51E-03	2.07E-02	0.00E+00	2.07E-02
1.51E-02	1.06E-03	1.45E-03	1.93E-02	0.00E+00	1.93E-02
2.33E-02	1.73E-03	1.39E-03	2.81E-02	0.00E+00	2.81E-02
2.07E-02	1.50E-03	1.33E-03	2.52E-02	0.00E+00	2.52E-02
1.60E-02	1.12E-03	1.28E-03	1.99E-02	0.00E+00	1.99E-02
1.28E-02	8.84E-04	1.22E-03	1.64E-02	0.00E+00	1.64E-02
1.06E-02	7.23E-04	1.18E-03	1.39E-02	0.00E+00	1.39E-02
9.02E-03	6.11E-04	1.13E-03	1.22E-02	0.00E+00	1.22E-02
7.83E-03	5.28E-04	1.09E-03	1.08E-02	0.00E+00	1.08E-02
6.91E-03	4.64E-04	1.05E-03	9.71E-03	0.00E+00	9.71E-03
6.16E-03	4.12E-04	1.01E-03	8.83E-03	0.00E+00	8.83E-03
5.56E-03	3.71E-04	9.74E-04	8.11E-03	0.00E+00	8.11E-03
5.05E-03	3.37E-04	9.39E-04	7.49E-03	0.00E+00	7.49E-03
4.63E-03	3.08E-04	9.06E-04	6.97E-03	0.00E+00	6.97E-03
4.27E-03	2.83E-04	8.74E-04	6.51E-03	0.00E+00	6.51E-03
3.95E-03	2.62E-04	8.45E-04	6.11E-03	0.00E+00	6.11E-03
3.68E-03	2.43E-04	8.17E-04	5.76E-03	0.00E+00	5.76E-03
3.43E-03	2.27E-04	7.90E-04	5.44E-03	0.00E+00	5.44E-03
3.21E-03	2.12E-04	7.63E-04	5.15E-03	0.00E+00	5.15E-03
3.02E-03	1.99E-04	7.39E-04	4.88E-03	0.00E+00	4.88E-03
1.13E-02	8.08E-04	1.37E-03	1.50E-02	0.00E+00	1.50E-02
9.68E-03	6.77E-04	1.46E-03	1.34E-02	0.00E+00	1.34E-02
8.64E-03	5.95E-04	1.56E-03	1.25E-02	0.00E+00	1.25E-02
8.00E-03	5.45E-04	1.67E-03	1.20E-02	0.00E+00	1.20E-02
7.66E-03	5.19E-04	1.79E-03	1.19E-02	0.00E+00	1.19E-02
7.53E-03	5.09E-04	1.92E-03	1.20E-02	0.00E+00	1.20E-02
7.62E-03	5.14E-04	2.06E-03	1.24E-02	0.00E+00	1.24E-02
7.92E-03	5.35E-04	2.22E-03	1.30E-02	0.00E+00	1.30E-02
8.37E-03	5.67E-04	2.40E-03	1.38E-02	0.00E+00	1.38E-02
9.04E-03	6.16E-04	2.59E-03	1.48E-02	0.00E+00	1.48E-02
1.00E-02	6.88E-04	2.81E-03	1.63E-02	0.00E+00	1.63E-02
1.14E-02	7.90E-04	3.05E-03	1.82E-02	0.00E+00	1.82E-02
1.33E-02	9.42E-04	3.31E-03	2.07E-02	0.00E+00	2.07E-02
1.62E-02	1.18E-03	3.61E-03	2.43E-02	0.00E+00	2.43E-02
1.25E-02	8.93E-04	3.93E-03	2.09E-02	0.00E+00	2.09E-02
1.37E-02	9.96E-04	4.30E-03	2.29E-02	0.00E+00	2.29E-02
1.50E-02	1.11E-03	4.70E-03	2.50E-02	0.00E+00	2.50E-02
2.07E-02	1.56E-03	5.14E-03	3.18E-02	0.00E+00	3.18E-02

1.65E-02	1.20E-03	5.62E-03	2.81E-02	0.00E+00	2.81E-02
1.39E-02	9.85E-04	6.14E-03	2.61E-02	0.00E+00	2.61E-02
1.21E-02	8.37E-04	6.69E-03	2.50E-02	0.00E+00	2.50E-02
1.08E-02	7.38E-04	7.28E-03	2.46E-02	0.00E+00	2.46E-02
9.70E-03	6.57E-04	7.84E-03	2.43E-02	0.00E+00	2.43E-02
8.89E-03	5.96E-04	8.38E-03	2.44E-02	0.00E+00	2.44E-02
8.25E-03	5.50E-04	8.83E-03	2.45E-02	0.00E+00	2.45E-02
7.74E-03	5.13E-04	9.17E-03	2.46E-02	0.00E+00	2.46E-02
7.31E-03	4.84E-04	9.32E-03	2.46E-02	0.00E+00	2.46E-02
6.96E-03	4.59E-04	9.23E-03	2.44E-02	0.00E+00	2.44E-02
6.68E-03	4.40E-04	8.90E-03	2.39E-02	0.00E+00	2.39E-02
6.44E-03	4.24E-04	8.39E-03	2.32E-02	0.00E+00	2.32E-02
6.25E-03	4.11E-04	7.77E-03	2.24E-02	0.00E+00	2.24E-02
6.11E-03	4.01E-04	7.10E-03	2.14E-02	0.00E+00	2.14E-02
6.00E-03	3.94E-04	6.37E-03	2.03E-02	0.00E+00	2.03E-02
5.92E-03	3.89E-04	5.60E-03	1.91E-02	0.00E+00	1.91E-02
5.88E-03	3.87E-04	4.83E-03	1.78E-02	0.00E+00	1.78E-02
5.88E-03	3.86E-04	4.10E-03	1.66E-02	0.00E+00	1.66E-02
5.90E-03	3.88E-04	3.48E-03	1.55E-02	0.00E+00	1.55E-02
5.97E-03	3.92E-04	3.00E-03	1.45E-02	0.00E+00	1.45E-02
6.07E-03	3.99E-04	2.66E-03	1.37E-02	0.00E+00	1.37E-02
6.21E-03	4.09E-04	2.43E-03	1.32E-02	0.00E+00	1.32E-02
6.40E-03	4.22E-04	2.28E-03	1.28E-02	0.00E+00	1.28E-02
6.63E-03	4.39E-04	2.15E-03	1.26E-02	0.00E+00	1.26E-02
6.94E-03	4.60E-04	2.06E-03	1.25E-02	0.00E+00	1.25E-02
7.31E-03	4.86E-04	1.98E-03	1.25E-02	0.00E+00	1.25E-02
7.78E-03	5.18E-04	1.90E-03	1.27E-02	0.00E+00	1.27E-02
8.39E-03	5.60E-04	1.82E-03	1.31E-02	0.00E+00	1.31E-02
9.16E-03	6.13E-04	1.75E-03	1.37E-02	0.00E+00	1.37E-02
1.02E-02	6.84E-04	1.68E-03	1.46E-02	0.00E+00	1.46E-02
1.16E-02	7.85E-04	1.61E-03	1.59E-02	0.00E+00	1.59E-02
1.36E-02	9.36E-04	1.55E-03	1.79E-02	0.00E+00	1.79E-02
1.69E-02	1.19E-03	1.49E-03	2.13E-02	0.00E+00	2.13E-02
1.89E-02	1.37E-03	1.42E-03	2.34E-02	0.00E+00	2.34E-02
1.83E-02	1.32E-03	1.37E-03	2.26E-02	0.00E+00	2.26E-02
1.90E-02	1.37E-03	1.31E-03	2.32E-02	0.00E+00	2.32E-02
2.17E-02	1.58E-03	1.26E-03	2.61E-02	0.00E+00	2.61E-02
1.69E-02	1.19E-03	1.21E-03	2.08E-02	0.00E+00	2.08E-02
1.37E-02	9.51E-04	1.17E-03	1.73E-02	0.00E+00	1.73E-02
1.14E-02	7.80E-04	1.12E-03	1.47E-02	0.00E+00	1.47E-02
9.67E-03	6.56E-04	1.08E-03	1.27E-02	0.00E+00	1.27E-02
8.36E-03	5.64E-04	1.04E-03	1.12E-02	0.00E+00	1.12E-02
7.35E-03	4.94E-04	1.01E-03	1.01E-02	0.00E+00	1.01E-02
6.54E-03	4.39E-04	9.72E-04	9.15E-03	0.00E+00	9.15E-03
5.88E-03	3.93E-04	9.37E-04	8.37E-03	0.00E+00	8.37E-03
5.33E-03	3.55E-04	9.04E-04	7.71E-03	0.00E+00	7.71E-03
4.86E-03	3.24E-04	8.74E-04	7.15E-03	0.00E+00	7.15E-03
4.47E-03	2.97E-04	8.44E-04	6.66E-03	0.00E+00	6.66E-03
4.13E-03	2.74E-04	8.16E-04	6.24E-03	0.00E+00	6.24E-03
3.83E-03	2.54E-04	7.90E-04	5.86E-03	0.00E+00	5.86E-03
3.57E-03	2.36E-04	7.65E-04	5.53E-03	0.00E+00	5.53E-03
3.33E-03	2.20E-04	7.40E-04	5.22E-03	0.00E+00	5.22E-03
3.13E-03	2.06E-04	7.17E-04	4.95E-03	0.00E+00	4.95E-03
8.08E-03	5.62E-04	1.41E-03	1.16E-02	0.00E+00	1.16E-02
7.46E-03	5.12E-04	1.50E-03	1.11E-02	0.00E+00	1.11E-02

7.01E-03	4.77E-04	1.60E-03	1.08E-02	0.00E+00	1.08E-02
6.74E-03	4.56E-04	1.71E-03	1.07E-02	0.00E+00	1.07E-02
6.60E-03	4.45E-04	1.83E-03	1.08E-02	0.00E+00	1.08E-02
6.60E-03	4.44E-04	1.96E-03	1.11E-02	0.00E+00	1.11E-02
6.73E-03	4.52E-04	2.10E-03	1.15E-02	0.00E+00	1.15E-02
6.98E-03	4.69E-04	2.26E-03	1.20E-02	0.00E+00	1.20E-02
7.36E-03	4.96E-04	2.43E-03	1.27E-02	0.00E+00	1.27E-02
7.91E-03	5.35E-04	2.62E-03	1.37E-02	0.00E+00	1.37E-02
8.65E-03	5.88E-04	2.83E-03	1.48E-02	0.00E+00	1.48E-02
9.64E-03	6.60E-04	3.05E-03	1.63E-02	0.00E+00	1.63E-02
1.10E-02	7.64E-04	3.31E-03	1.82E-02	0.00E+00	1.82E-02
1.29E-02	9.08E-04	3.58E-03	2.07E-02	0.00E+00	2.07E-02
1.56E-02	1.13E-03	3.88E-03	2.41E-02	0.00E+00	2.41E-02
1.54E-02	1.13E-03	4.21E-03	2.46E-02	0.00E+00	2.46E-02
1.33E-02	9.65E-04	4.56E-03	2.29E-02	0.00E+00	2.29E-02
1.35E-02	9.78E-04	4.95E-03	2.37E-02	0.00E+00	2.37E-02
1.65E-02	1.21E-03	5.36E-03	2.76E-02	0.00E+00	2.76E-02
1.72E-02	1.25E-03	5.79E-03	2.90E-02	0.00E+00	2.90E-02
1.44E-02	1.02E-03	6.24E-03	2.68E-02	0.00E+00	2.68E-02
1.24E-02	8.66E-04	6.68E-03	2.54E-02	0.00E+00	2.54E-02
1.10E-02	7.53E-04	7.09E-03	2.46E-02	0.00E+00	2.46E-02
9.90E-03	6.70E-04	7.45E-03	2.40E-02	0.00E+00	2.40E-02
9.07E-03	6.09E-04	7.73E-03	2.37E-02	0.00E+00	2.37E-02
8.42E-03	5.62E-04	7.90E-03	2.34E-02	0.00E+00	2.34E-02
7.89E-03	5.24E-04	7.91E-03	2.31E-02	0.00E+00	2.31E-02
7.46E-03	4.93E-04	7.74E-03	2.26E-02	0.00E+00	2.26E-02
7.11E-03	4.69E-04	7.42E-03	2.20E-02	0.00E+00	2.20E-02
6.82E-03	4.49E-04	7.00E-03	2.12E-02	0.00E+00	2.12E-02
6.59E-03	4.34E-04	6.52E-03	2.04E-02	0.00E+00	2.04E-02
6.41E-03	4.21E-04	5.99E-03	1.96E-02	0.00E+00	1.96E-02
6.27E-03	4.12E-04	5.44E-03	1.86E-02	0.00E+00	1.86E-02
6.17E-03	4.06E-04	4.86E-03	1.76E-02	0.00E+00	1.76E-02
6.11E-03	4.02E-04	4.26E-03	1.66E-02	0.00E+00	1.66E-02
6.09E-03	4.00E-04	3.68E-03	1.56E-02	0.00E+00	1.56E-02
6.11E-03	4.02E-04	3.16E-03	1.46E-02	0.00E+00	1.46E-02
6.16E-03	4.06E-04	2.74E-03	1.38E-02	0.00E+00	1.38E-02
6.26E-03	4.13E-04	2.42E-03	1.32E-02	0.00E+00	1.32E-02
6.41E-03	4.23E-04	2.19E-03	1.27E-02	0.00E+00	1.27E-02
6.61E-03	4.37E-04	2.03E-03	1.24E-02	0.00E+00	1.24E-02
6.87E-03	4.55E-04	1.91E-03	1.22E-02	0.00E+00	1.22E-02
7.21E-03	4.78E-04	1.83E-03	1.22E-02	0.00E+00	1.22E-02
7.65E-03	5.09E-04	1.75E-03	1.24E-02	0.00E+00	1.24E-02
8.20E-03	5.47E-04	1.69E-03	1.27E-02	0.00E+00	1.27E-02
8.94E-03	5.98E-04	1.63E-03	1.33E-02	0.00E+00	1.33E-02
9.90E-03	6.65E-04	1.57E-03	1.41E-02	0.00E+00	1.41E-02
1.12E-02	7.60E-04	1.51E-03	1.54E-02	0.00E+00	1.54E-02
1.32E-02	9.03E-04	1.45E-03	1.73E-02	0.00E+00	1.73E-02
1.62E-02	1.14E-03	1.40E-03	2.04E-02	0.00E+00	2.04E-02
1.53E-02	1.08E-03	1.35E-03	1.93E-02	0.00E+00	1.93E-02
1.84E-02	1.33E-03	1.30E-03	2.26E-02	0.00E+00	2.26E-02
1.87E-02	1.35E-03	1.25E-03	2.28E-02	0.00E+00	2.28E-02
2.26E-02	1.65E-03	1.20E-03	2.69E-02	0.00E+00	2.69E-02
1.76E-02	1.24E-03	1.16E-03	2.14E-02	0.00E+00	2.14E-02
1.44E-02	9.96E-04	1.12E-03	1.78E-02	0.00E+00	1.78E-02
1.21E-02	8.26E-04	1.08E-03	1.53E-02	0.00E+00	1.53E-02



1.03E-02	6.97E-04	1.04E-03	1.32E-02	0.00E+00	1.32E-02
8.85E-03	5.99E-04	1.00E-03	1.17E-02	0.00E+00	1.17E-02
7.76E-03	5.23E-04	9.67E-04	1.04E-02	0.00E+00	1.04E-02
6.89E-03	4.62E-04	9.33E-04	9.43E-03	0.00E+00	9.43E-03
6.18E-03	4.14E-04	9.02E-04	8.61E-03	0.00E+00	8.61E-03
5.59E-03	3.74E-04	8.72E-04	7.92E-03	0.00E+00	7.92E-03
5.09E-03	3.40E-04	8.43E-04	7.32E-03	0.00E+00	7.32E-03
4.67E-03	3.11E-04	8.15E-04	6.81E-03	0.00E+00	6.81E-03
4.30E-03	2.86E-04	7.89E-04	6.36E-03	0.00E+00	6.36E-03
3.98E-03	2.64E-04	7.64E-04	5.97E-03	0.00E+00	5.97E-03
3.70E-03	2.45E-04	7.40E-04	5.62E-03	0.00E+00	5.62E-03
3.46E-03	2.28E-04	7.17E-04	5.30E-03	0.00E+00	5.30E-03
3.23E-03	2.13E-04	6.95E-04	5.01E-03	0.00E+00	5.01E-03
3.03E-03	2.00E-04	6.74E-04	4.75E-03	0.00E+00	4.75E-03
6.07E-03	4.12E-04	1.54E-03	9.69E-03	0.00E+00	9.69E-03
5.91E-03	3.99E-04	1.64E-03	9.71E-03	0.00E+00	9.71E-03
5.82E-03	3.91E-04	1.74E-03	9.81E-03	0.00E+00	9.81E-03
5.80E-03	3.89E-04	1.86E-03	1.00E-02	0.00E+00	1.00E-02
5.86E-03	3.93E-04	1.99E-03	1.03E-02	0.00E+00	1.03E-02
6.01E-03	4.02E-04	2.13E-03	1.07E-02	0.00E+00	1.07E-02
6.25E-03	4.18E-04	2.28E-03	1.13E-02	0.00E+00	1.13E-02
6.58E-03	4.42E-04	2.45E-03	1.19E-02	0.00E+00	1.19E-02
7.03E-03	4.73E-04	2.63E-03	1.27E-02	0.00E+00	1.27E-02
7.62E-03	5.15E-04	2.82E-03	1.37E-02	0.00E+00	1.37E-02
8.40E-03	5.70E-04	3.04E-03	1.49E-02	0.00E+00	1.49E-02
9.39E-03	6.42E-04	3.27E-03	1.64E-02	0.00E+00	1.64E-02
1.07E-02	7.37E-04	3.52E-03	1.82E-02	0.00E+00	1.82E-02
1.24E-02	8.70E-04	3.79E-03	2.05E-02	0.00E+00	2.05E-02
1.49E-02	1.07E-03	4.08E-03	2.38E-02	0.00E+00	2.38E-02
1.89E-02	1.41E-03	4.40E-03	2.86E-02	0.00E+00	2.86E-02
1.36E-02	9.86E-04	4.72E-03	2.34E-02	0.00E+00	2.34E-02
1.07E-02	7.56E-04	5.06E-03	2.09E-02	0.00E+00	2.09E-02
1.78E-02	1.33E-03	5.41E-03	2.92E-02	0.00E+00	2.92E-02
1.79E-02	1.31E-03	5.76E-03	2.98E-02	0.00E+00	2.98E-02
1.48E-02	1.06E-03	6.09E-03	2.71E-02	0.00E+00	2.71E-02
1.27E-02	8.87E-04	6.38E-03	2.53E-02	0.00E+00	2.53E-02
1.12E-02	7.70E-04	6.62E-03	2.42E-02	0.00E+00	2.42E-02
1.01E-02	6.87E-04	6.77E-03	2.34E-02	0.00E+00	2.34E-02
9.27E-03	6.24E-04	6.83E-03	2.27E-02	0.00E+00	2.27E-02
8.59E-03	5.74E-04	6.76E-03	2.20E-02	0.00E+00	2.20E-02
8.05E-03	5.35E-04	6.57E-03	2.13E-02	0.00E+00	2.13E-02
7.62E-03	5.04E-04	6.28E-03	2.06E-02	0.00E+00	2.06E-02
7.26E-03	4.80E-04	5.93E-03	1.98E-02	0.00E+00	1.98E-02
6.98E-03	4.60E-04	5.54E-03	1.90E-02	0.00E+00	1.90E-02
6.76E-03	4.45E-04	5.13E-03	1.82E-02	0.00E+00	1.82E-02
6.58E-03	4.33E-04	4.71E-03	1.74E-02	0.00E+00	1.74E-02
6.45E-03	4.25E-04	4.26E-03	1.65E-02	0.00E+00	1.65E-02
6.37E-03	4.19E-04	3.79E-03	1.56E-02	0.00E+00	1.56E-02
6.34E-03	4.17E-04	3.32E-03	1.48E-02	0.00E+00	1.48E-02
6.35E-03	4.18E-04	2.89E-03	1.40E-02	0.00E+00	1.40E-02
6.40E-03	4.22E-04	2.51E-03	1.34E-02	0.00E+00	1.34E-02
6.51E-03	4.29E-04	2.22E-03	1.28E-02	0.00E+00	1.28E-02
6.67E-03	4.40E-04	2.00E-03	1.25E-02	0.00E+00	1.25E-02
6.88E-03	4.56E-04	1.83E-03	1.22E-02	0.00E+00	1.22E-02
7.17E-03	4.76E-04	1.72E-03	1.21E-02	0.00E+00	1.21E-02

7.57E-03	5.03E-04	1.64E-03	1.22E-02	0.00E+00	1.22E-02
8.10E-03	5.40E-04	1.57E-03	1.25E-02	0.00E+00	1.25E-02
8.80E-03	5.88E-04	1.51E-03	1.30E-02	0.00E+00	1.30E-02
9.71E-03	6.52E-04	1.46E-03	1.38E-02	0.00E+00	1.38E-02
1.10E-02	7.42E-04	1.41E-03	1.49E-02	0.00E+00	1.49E-02
1.28E-02	8.77E-04	1.37E-03	1.68E-02	0.00E+00	1.68E-02
1.57E-02	1.10E-03	1.32E-03	1.97E-02	0.00E+00	1.97E-02
1.77E-02	1.27E-03	1.27E-03	2.18E-02	0.00E+00	2.18E-02
1.78E-02	1.28E-03	1.23E-03	2.18E-02	0.00E+00	2.18E-02
1.90E-02	1.37E-03	1.19E-03	2.30E-02	0.00E+00	2.30E-02
2.34E-02	1.72E-03	1.15E-03	2.76E-02	0.00E+00	2.76E-02
1.82E-02	1.29E-03	1.11E-03	2.19E-02	0.00E+00	2.19E-02
1.49E-02	1.03E-03	1.07E-03	1.82E-02	0.00E+00	1.82E-02
1.25E-02	8.60E-04	1.03E-03	1.57E-02	0.00E+00	1.57E-02
1.07E-02	7.29E-04	9.94E-04	1.36E-02	0.00E+00	1.36E-02
9.29E-03	6.29E-04	9.60E-04	1.20E-02	0.00E+00	1.20E-02
8.14E-03	5.49E-04	9.29E-04	1.07E-02	0.00E+00	1.07E-02
7.23E-03	4.85E-04	8.99E-04	9.71E-03	0.00E+00	9.71E-03
6.46E-03	4.33E-04	8.69E-04	8.83E-03	0.00E+00	8.83E-03
5.83E-03	3.90E-04	8.41E-04	8.10E-03	0.00E+00	8.10E-03
5.31E-03	3.54E-04	8.14E-04	7.48E-03	0.00E+00	7.48E-03
4.86E-03	3.24E-04	7.89E-04	6.95E-03	0.00E+00	6.95E-03
4.47E-03	2.97E-04	7.64E-04	6.48E-03	0.00E+00	6.48E-03
4.13E-03	2.74E-04	7.40E-04	6.07E-03	0.00E+00	6.07E-03
3.83E-03	2.54E-04	7.17E-04	5.70E-03	0.00E+00	5.70E-03
3.57E-03	2.36E-04	6.96E-04	5.37E-03	0.00E+00	5.37E-03
3.34E-03	2.20E-04	6.75E-04	5.08E-03	0.00E+00	5.08E-03
3.13E-03	2.06E-04	6.55E-04	4.81E-03	0.00E+00	4.81E-03
5.16E-03	3.47E-04	1.56E-03	8.76E-03	0.00E+00	8.76E-03
5.13E-03	3.44E-04	1.66E-03	8.91E-03	0.00E+00	8.91E-03
5.14E-03	3.44E-04	1.77E-03	9.12E-03	0.00E+00	9.12E-03
5.19E-03	3.46E-04	1.88E-03	9.38E-03	0.00E+00	9.38E-03
5.28E-03	3.52E-04	2.01E-03	9.71E-03	0.00E+00	9.71E-03
5.43E-03	3.62E-04	2.14E-03	1.01E-02	0.00E+00	1.01E-02
5.66E-03	3.77E-04	2.29E-03	1.06E-02	0.00E+00	1.06E-02
5.95E-03	3.98E-04	2.44E-03	1.12E-02	0.00E+00	1.12E-02
6.34E-03	4.24E-04	2.61E-03	1.20E-02	0.00E+00	1.20E-02
6.83E-03	4.59E-04	2.80E-03	1.28E-02	0.00E+00	1.28E-02
7.43E-03	5.01E-04	3.00E-03	1.38E-02	0.00E+00	1.38E-02
8.16E-03	5.53E-04	3.21E-03	1.50E-02	0.00E+00	1.50E-02
9.08E-03	6.20E-04	3.44E-03	1.64E-02	0.00E+00	1.64E-02
1.03E-02	7.13E-04	3.68E-03	1.81E-02	0.00E+00	1.81E-02
1.21E-02	8.44E-04	3.94E-03	2.04E-02	0.00E+00	2.04E-02
1.45E-02	1.04E-03	4.20E-03	2.35E-02	0.00E+00	2.35E-02
1.81E-02	1.35E-03	4.48E-03	2.79E-02	0.00E+00	2.79E-02
1.30E-02	9.34E-04	4.76E-03	2.28E-02	0.00E+00	2.28E-02
1.36E-02	9.89E-04	5.03E-03	2.40E-02	0.00E+00	2.40E-02
1.73E-02	1.29E-03	5.30E-03	2.85E-02	0.00E+00	2.85E-02
1.85E-02	1.37E-03	5.54E-03	3.02E-02	0.00E+00	3.02E-02
1.52E-02	1.09E-03	5.73E-03	2.70E-02	0.00E+00	2.70E-02
1.31E-02	9.13E-04	5.88E-03	2.50E-02	0.00E+00	2.50E-02
1.15E-02	7.93E-04	5.95E-03	2.35E-02	0.00E+00	2.35E-02
1.04E-02	7.05E-04	5.93E-03	2.24E-02	0.00E+00	2.24E-02
9.47E-03	6.38E-04	5.82E-03	2.14E-02	0.00E+00	2.14E-02
8.78E-03	5.87E-04	5.63E-03	2.05E-02	0.00E+00	2.05E-02

8.23E-03	5.47E-04	5.38E-03	1.96E-02	0.00E+00	1.96E-02
7.79E-03	5.16E-04	5.09E-03	1.88E-02	0.00E+00	1.88E-02
7.44E-03	4.91E-04	4.77E-03	1.80E-02	0.00E+00	1.80E-02
7.16E-03	4.72E-04	4.45E-03	1.72E-02	0.00E+00	1.72E-02
6.95E-03	4.57E-04	4.12E-03	1.65E-02	0.00E+00	1.65E-02
6.79E-03	4.47E-04	3.76E-03	1.57E-02	0.00E+00	1.57E-02
6.68E-03	4.40E-04	3.38E-03	1.50E-02	0.00E+00	1.50E-02
6.63E-03	4.37E-04	3.00E-03	1.43E-02	0.00E+00	1.43E-02
6.63E-03	4.37E-04	2.64E-03	1.36E-02	0.00E+00	1.36E-02
6.68E-03	4.41E-04	2.32E-03	1.31E-02	0.00E+00	1.31E-02
6.80E-03	4.49E-04	2.05E-03	1.26E-02	0.00E+00	1.26E-02
6.97E-03	4.61E-04	1.84E-03	1.23E-02	0.00E+00	1.23E-02
7.22E-03	4.79E-04	1.68E-03	1.22E-02	0.00E+00	1.22E-02
7.57E-03	5.03E-04	1.56E-03	1.22E-02	0.00E+00	1.22E-02
8.05E-03	5.37E-04	1.48E-03	1.24E-02	0.00E+00	1.24E-02
8.70E-03	5.81E-04	1.42E-03	1.28E-02	0.00E+00	1.28E-02
9.58E-03	6.43E-04	1.37E-03	1.35E-02	0.00E+00	1.35E-02
1.08E-02	7.28E-04	1.32E-03	1.46E-02	0.00E+00	1.46E-02
1.25E-02	8.56E-04	1.28E-03	1.63E-02	0.00E+00	1.63E-02
1.52E-02	1.06E-03	1.24E-03	1.91E-02	0.00E+00	1.91E-02
2.00E-02	1.46E-03	1.20E-03	2.42E-02	0.00E+00	2.42E-02
1.75E-02	1.25E-03	1.16E-03	2.13E-02	0.00E+00	2.13E-02
1.91E-02	1.38E-03	1.13E-03	2.30E-02	0.00E+00	2.30E-02
2.43E-02	1.79E-03	1.09E-03	2.85E-02	0.00E+00	2.85E-02
1.87E-02	1.33E-03	1.06E-03	2.24E-02	0.00E+00	2.24E-02
1.53E-02	1.06E-03	1.02E-03	1.86E-02	0.00E+00	1.86E-02
1.29E-02	8.84E-04	9.87E-04	1.59E-02	0.00E+00	1.59E-02
1.11E-02	7.56E-04	9.56E-04	1.40E-02	0.00E+00	1.40E-02
9.64E-03	6.53E-04	9.24E-04	1.23E-02	0.00E+00	1.23E-02
8.47E-03	5.72E-04	8.94E-04	1.10E-02	0.00E+00	1.10E-02
7.52E-03	5.06E-04	8.66E-04	9.95E-03	0.00E+00	9.95E-03
6.74E-03	4.52E-04	8.39E-04	9.05E-03	0.00E+00	9.05E-03
6.06E-03	4.05E-04	8.12E-04	8.27E-03	0.00E+00	8.27E-03
5.50E-03	3.67E-04	7.87E-04	7.63E-03	0.00E+00	7.63E-03
5.03E-03	3.35E-04	7.63E-04	7.07E-03	0.00E+00	7.07E-03
4.62E-03	3.07E-04	7.39E-04	6.59E-03	0.00E+00	6.59E-03
4.27E-03	2.83E-04	7.17E-04	6.16E-03	0.00E+00	6.16E-03
3.96E-03	2.62E-04	6.96E-04	5.79E-03	0.00E+00	5.79E-03
3.68E-03	2.43E-04	6.75E-04	5.44E-03	0.00E+00	5.44E-03
3.44E-03	2.27E-04	6.55E-04	5.14E-03	0.00E+00	5.14E-03
3.22E-03	2.12E-04	6.37E-04	4.87E-03	0.00E+00	4.87E-03
3.02E-03	1.99E-04	6.19E-04	4.62E-03	0.00E+00	4.62E-03
4.55E-03	3.04E-04	1.68E-03	8.32E-03	0.00E+00	8.32E-03
4.61E-03	3.07E-04	1.78E-03	8.58E-03	0.00E+00	8.58E-03
4.70E-03	3.12E-04	1.89E-03	8.87E-03	0.00E+00	8.87E-03
4.81E-03	3.20E-04	2.01E-03	9.21E-03	0.00E+00	9.21E-03
4.96E-03	3.30E-04	2.14E-03	9.61E-03	0.00E+00	9.61E-03
5.17E-03	3.43E-04	2.28E-03	1.01E-02	0.00E+00	1.01E-02
5.43E-03	3.61E-04	2.43E-03	1.06E-02	0.00E+00	1.06E-02
5.76E-03	3.84E-04	2.59E-03	1.13E-02	0.00E+00	1.13E-02
6.17E-03	4.12E-04	2.76E-03	1.20E-02	0.00E+00	1.20E-02
6.64E-03	4.45E-04	2.94E-03	1.28E-02	0.00E+00	1.28E-02
7.22E-03	4.86E-04	3.13E-03	1.38E-02	0.00E+00	1.38E-02
7.95E-03	5.38E-04	3.33E-03	1.49E-02	0.00E+00	1.49E-02
8.88E-03	6.05E-04	3.54E-03	1.63E-02	0.00E+00	1.63E-02

1.01E-02	6.96E-04	3.77E-03	1.80E-02	0.00E+00	1.80E-02
1.17E-02	8.20E-04	3.99E-03	2.02E-02	0.00E+00	2.02E-02
1.40E-02	9.96E-04	4.22E-03	2.30E-02	0.00E+00	2.30E-02
1.74E-02	1.28E-03	4.44E-03	2.71E-02	0.00E+00	2.71E-02
1.69E-02	1.26E-03	4.66E-03	2.69E-02	0.00E+00	2.69E-02
1.38E-02	1.00E-03	4.85E-03	2.40E-02	0.00E+00	2.40E-02
1.34E-02	9.65E-04	5.02E-03	2.38E-02	0.00E+00	2.38E-02
1.92E-02	1.43E-03	5.15E-03	3.04E-02	0.00E+00	3.04E-02
1.58E-02	1.13E-03	5.22E-03	2.68E-02	0.00E+00	2.68E-02
1.35E-02	9.46E-04	5.24E-03	2.45E-02	0.00E+00	2.45E-02
1.18E-02	8.16E-04	5.18E-03	2.27E-02	0.00E+00	2.27E-02
1.06E-02	7.22E-04	5.06E-03	2.13E-02	0.00E+00	2.13E-02
9.69E-03	6.53E-04	4.88E-03	2.02E-02	0.00E+00	2.02E-02
8.98E-03	6.01E-04	4.66E-03	1.91E-02	0.00E+00	1.91E-02
8.42E-03	5.60E-04	4.41E-03	1.82E-02	0.00E+00	1.82E-02
7.98E-03	5.29E-04	4.16E-03	1.74E-02	0.00E+00	1.74E-02
7.64E-03	5.04E-04	3.90E-03	1.66E-02	0.00E+00	1.66E-02
7.37E-03	4.86E-04	3.63E-03	1.59E-02	0.00E+00	1.59E-02
7.17E-03	4.72E-04	3.35E-03	1.52E-02	0.00E+00	1.52E-02
7.04E-03	4.64E-04	3.04E-03	1.45E-02	0.00E+00	1.45E-02
6.96E-03	4.59E-04	2.73E-03	1.39E-02	0.00E+00	1.39E-02
6.96E-03	4.59E-04	2.42E-03	1.33E-02	0.00E+00	1.33E-02
7.02E-03	4.64E-04	2.14E-03	1.29E-02	0.00E+00	1.29E-02
7.14E-03	4.73E-04	1.90E-03	1.25E-02	0.00E+00	1.25E-02
7.34E-03	4.87E-04	1.70E-03	1.23E-02	0.00E+00	1.23E-02
7.65E-03	5.08E-04	1.55E-03	1.22E-02	0.00E+00	1.22E-02
8.08E-03	5.38E-04	1.44E-03	1.24E-02	0.00E+00	1.24E-02
8.67E-03	5.79E-04	1.35E-03	1.27E-02	0.00E+00	1.27E-02
9.49E-03	6.37E-04	1.29E-03	1.34E-02	0.00E+00	1.34E-02
1.06E-02	7.18E-04	1.24E-03	1.44E-02	0.00E+00	1.44E-02
1.23E-02	8.39E-04	1.20E-03	1.60E-02	0.00E+00	1.60E-02
1.49E-02	1.03E-03	1.17E-03	1.86E-02	0.00E+00	1.86E-02
1.93E-02	1.39E-03	1.13E-03	2.33E-02	0.00E+00	2.33E-02
1.74E-02	1.24E-03	1.10E-03	2.11E-02	0.00E+00	2.11E-02
1.88E-02	1.35E-03	1.07E-03	2.26E-02	0.00E+00	2.26E-02
2.53E-02	1.87E-03	1.04E-03	2.94E-02	0.00E+00	2.94E-02
1.93E-02	1.37E-03	1.01E-03	2.29E-02	0.00E+00	2.29E-02
1.57E-02	1.09E-03	9.75E-04	1.89E-02	0.00E+00	1.89E-02
1.32E-02	9.08E-04	9.46E-04	1.62E-02	0.00E+00	1.62E-02
1.14E-02	7.75E-04	9.16E-04	1.42E-02	0.00E+00	1.42E-02
9.94E-03	6.74E-04	8.89E-04	1.26E-02	0.00E+00	1.26E-02
8.76E-03	5.92E-04	8.61E-04	1.12E-02	0.00E+00	1.12E-02
7.77E-03	5.23E-04	8.34E-04	1.01E-02	0.00E+00	1.01E-02
6.96E-03	4.67E-04	8.09E-04	9.22E-03	0.00E+00	9.22E-03
6.27E-03	4.20E-04	7.85E-04	8.43E-03	0.00E+00	8.43E-03
5.69E-03	3.80E-04	7.62E-04	7.76E-03	0.00E+00	7.76E-03
5.19E-03	3.46E-04	7.38E-04	7.19E-03	0.00E+00	7.19E-03
4.77E-03	3.17E-04	7.17E-04	6.69E-03	0.00E+00	6.69E-03
4.40E-03	2.92E-04	6.96E-04	6.25E-03	0.00E+00	6.25E-03
4.07E-03	2.70E-04	6.75E-04	5.86E-03	0.00E+00	5.86E-03
3.78E-03	2.50E-04	6.56E-04	5.51E-03	0.00E+00	5.51E-03
3.53E-03	2.33E-04	6.37E-04	5.20E-03	0.00E+00	5.20E-03
3.30E-03	2.18E-04	6.19E-04	4.91E-03	0.00E+00	4.91E-03
3.10E-03	2.04E-04	6.03E-04	4.66E-03	0.00E+00	4.66E-03
4.12E-03	2.73E-04	1.69E-03	7.87E-03	0.00E+00	7.87E-03

4.20E-03	2.79E-04	1.79E-03	8.14E-03	0.00E+00	8.14E-03
4.30E-03	2.85E-04	1.89E-03	8.44E-03	0.00E+00	8.44E-03
4.41E-03	2.92E-04	2.01E-03	8.77E-03	0.00E+00	8.77E-03
4.57E-03	3.03E-04	2.13E-03	9.17E-03	0.00E+00	9.17E-03
4.76E-03	3.16E-04	2.26E-03	9.61E-03	0.00E+00	9.61E-03
4.99E-03	3.31E-04	2.40E-03	1.01E-02	0.00E+00	1.01E-02
5.28E-03	3.51E-04	2.54E-03	1.07E-02	0.00E+00	1.07E-02
5.61E-03	3.74E-04	2.70E-03	1.13E-02	0.00E+00	1.13E-02
6.00E-03	4.01E-04	2.86E-03	1.20E-02	0.00E+00	1.20E-02
6.47E-03	4.34E-04	3.03E-03	1.28E-02	0.00E+00	1.28E-02
7.06E-03	4.75E-04	3.21E-03	1.38E-02	0.00E+00	1.38E-02
7.78E-03	5.26E-04	3.40E-03	1.49E-02	0.00E+00	1.49E-02
8.70E-03	5.93E-04	3.59E-03	1.62E-02	0.00E+00	1.62E-02
9.86E-03	6.78E-04	3.77E-03	1.78E-02	0.00E+00	1.78E-02
1.14E-02	7.92E-04	3.96E-03	1.97E-02	0.00E+00	1.97E-02
1.36E-02	9.66E-04	4.14E-03	2.25E-02	0.00E+00	2.25E-02
1.68E-02	1.23E-03	4.30E-03	2.62E-02	0.00E+00	2.62E-02
1.28E-02	9.17E-04	4.44E-03	2.22E-02	0.00E+00	2.22E-02
1.38E-02	1.00E-03	4.55E-03	2.35E-02	0.00E+00	2.35E-02
1.48E-02	1.09E-03	4.63E-03	2.48E-02	0.00E+00	2.48E-02
2.01E-02	1.50E-03	4.66E-03	3.06E-02	0.00E+00	3.06E-02
1.63E-02	1.18E-03	4.63E-03	2.66E-02	0.00E+00	2.66E-02
1.39E-02	9.77E-04	4.56E-03	2.39E-02	0.00E+00	2.39E-02
1.21E-02	8.38E-04	4.43E-03	2.19E-02	0.00E+00	2.19E-02
1.09E-02	7.42E-04	4.27E-03	2.03E-02	0.00E+00	2.03E-02
9.92E-03	6.69E-04	4.07E-03	1.91E-02	0.00E+00	1.91E-02
9.20E-03	6.15E-04	3.87E-03	1.80E-02	0.00E+00	1.80E-02
8.64E-03	5.74E-04	3.66E-03	1.71E-02	0.00E+00	1.71E-02
8.20E-03	5.43E-04	3.45E-03	1.63E-02	0.00E+00	1.63E-02
7.87E-03	5.20E-04	3.23E-03	1.55E-02	0.00E+00	1.55E-02
7.62E-03	5.03E-04	3.00E-03	1.48E-02	0.00E+00	1.48E-02
7.45E-03	4.92E-04	2.75E-03	1.42E-02	0.00E+00	1.42E-02
7.36E-03	4.86E-04	2.49E-03	1.37E-02	0.00E+00	1.37E-02
7.34E-03	4.85E-04	2.23E-03	1.32E-02	0.00E+00	1.32E-02
7.40E-03	4.90E-04	1.99E-03	1.28E-02	0.00E+00	1.28E-02
7.55E-03	5.00E-04	1.77E-03	1.26E-02	0.00E+00	1.26E-02
7.80E-03	5.18E-04	1.59E-03	1.24E-02	0.00E+00	1.24E-02
8.17E-03	5.44E-04	1.44E-03	1.25E-02	0.00E+00	1.25E-02
8.71E-03	5.82E-04	1.33E-03	1.28E-02	0.00E+00	1.28E-02
9.47E-03	6.35E-04	1.25E-03	1.33E-02	0.00E+00	1.33E-02
1.05E-02	7.10E-04	1.18E-03	1.43E-02	0.00E+00	1.43E-02
1.21E-02	8.24E-04	1.14E-03	1.58E-02	0.00E+00	1.58E-02
1.45E-02	1.01E-03	1.10E-03	1.82E-02	0.00E+00	1.82E-02
1.86E-02	1.34E-03	1.07E-03	2.25E-02	0.00E+00	2.25E-02
1.67E-02	1.19E-03	1.03E-03	2.03E-02	0.00E+00	2.03E-02
1.52E-02	1.06E-03	1.01E-03	1.86E-02	0.00E+00	1.86E-02
2.23E-02	1.63E-03	9.82E-04	2.61E-02	0.00E+00	2.61E-02
1.99E-02	1.42E-03	9.55E-04	2.34E-02	0.00E+00	2.34E-02
1.61E-02	1.12E-03	9.29E-04	1.93E-02	0.00E+00	1.93E-02
1.35E-02	9.30E-04	9.04E-04	1.65E-02	0.00E+00	1.65E-02
1.17E-02	7.94E-04	8.78E-04	1.44E-02	0.00E+00	1.44E-02
1.02E-02	6.89E-04	8.53E-04	1.27E-02	0.00E+00	1.27E-02
8.98E-03	6.06E-04	8.28E-04	1.14E-02	0.00E+00	1.14E-02
7.99E-03	5.38E-04	8.04E-04	1.03E-02	0.00E+00	1.03E-02
7.15E-03	4.80E-04	7.81E-04	9.34E-03	0.00E+00	9.34E-03

6.44E-03	4.31E-04	7.58E-04	8.54E-03	0.00E+00	8.54E-03
5.85E-03	3.90E-04	7.37E-04	7.87E-03	0.00E+00	7.87E-03
5.34E-03	3.56E-04	7.16E-04	7.28E-03	0.00E+00	7.28E-03
4.90E-03	3.25E-04	6.96E-04	6.77E-03	0.00E+00	6.77E-03
4.51E-03	2.99E-04	6.76E-04	6.32E-03	0.00E+00	6.32E-03
4.18E-03	2.77E-04	6.57E-04	5.92E-03	0.00E+00	5.92E-03
3.88E-03	2.56E-04	6.38E-04	5.56E-03	0.00E+00	5.56E-03
3.61E-03	2.38E-04	6.20E-04	5.24E-03	0.00E+00	5.24E-03
3.37E-03	2.22E-04	6.03E-04	4.95E-03	0.00E+00	4.95E-03
3.16E-03	2.08E-04	5.86E-04	4.69E-03	0.00E+00	4.69E-03
2.97E-03	1.95E-04	5.71E-04	4.46E-03	0.00E+00	4.46E-03
3.87E-03	2.56E-04	1.79E-03	7.77E-03	0.00E+00	7.77E-03
3.96E-03	2.62E-04	1.89E-03	8.06E-03	0.00E+00	8.06E-03
4.08E-03	2.70E-04	1.99E-03	8.39E-03	0.00E+00	8.39E-03
4.23E-03	2.80E-04	2.11E-03	8.76E-03	0.00E+00	8.76E-03
4.42E-03	2.92E-04	2.23E-03	9.18E-03	0.00E+00	9.18E-03
4.63E-03	3.06E-04	2.35E-03	9.63E-03	0.00E+00	9.63E-03
4.87E-03	3.23E-04	2.49E-03	1.01E-02	0.00E+00	1.01E-02
5.15E-03	3.42E-04	2.63E-03	1.07E-02	0.00E+00	1.07E-02
5.48E-03	3.65E-04	2.77E-03	1.13E-02	0.00E+00	1.13E-02
5.88E-03	3.92E-04	2.93E-03	1.20E-02	0.00E+00	1.20E-02
6.36E-03	4.26E-04	3.08E-03	1.28E-02	0.00E+00	1.28E-02
6.94E-03	4.67E-04	3.24E-03	1.37E-02	0.00E+00	1.37E-02
7.65E-03	5.17E-04	3.40E-03	1.48E-02	0.00E+00	1.48E-02
8.51E-03	5.79E-04	3.55E-03	1.60E-02	0.00E+00	1.60E-02
9.66E-03	6.63E-04	3.70E-03	1.75E-02	0.00E+00	1.75E-02
1.12E-02	7.74E-04	3.84E-03	1.93E-02	0.00E+00	1.93E-02
1.32E-02	9.33E-04	3.96E-03	2.18E-02	0.00E+00	2.18E-02
1.62E-02	1.18E-03	4.06E-03	2.52E-02	0.00E+00	2.52E-02
1.60E-02	1.18E-03	4.13E-03	2.52E-02	0.00E+00	2.52E-02
1.37E-02	9.90E-04	4.17E-03	2.28E-02	0.00E+00	2.28E-02
1.37E-02	9.88E-04	4.16E-03	2.28E-02	0.00E+00	2.28E-02
2.10E-02	1.58E-03	4.12E-03	3.07E-02	0.00E+00	3.07E-02
1.69E-02	1.23E-03	4.03E-03	2.63E-02	0.00E+00	2.63E-02
1.43E-02	1.01E-03	3.91E-03	2.33E-02	0.00E+00	2.33E-02
1.25E-02	8.63E-04	3.76E-03	2.11E-02	0.00E+00	2.11E-02
1.11E-02	7.60E-04	3.59E-03	1.94E-02	0.00E+00	1.94E-02
1.02E-02	6.86E-04	3.42E-03	1.81E-02	0.00E+00	1.81E-02
9.44E-03	6.32E-04	3.25E-03	1.71E-02	0.00E+00	1.71E-02
8.88E-03	5.91E-04	3.07E-03	1.62E-02	0.00E+00	1.62E-02
8.46E-03	5.61E-04	2.89E-03	1.54E-02	0.00E+00	1.54E-02
8.15E-03	5.39E-04	2.70E-03	1.47E-02	0.00E+00	1.47E-02
7.94E-03	5.24E-04	2.49E-03	1.42E-02	0.00E+00	1.42E-02
7.82E-03	5.17E-04	2.28E-03	1.36E-02	0.00E+00	1.36E-02
7.79E-03	5.15E-04	2.06E-03	1.32E-02	0.00E+00	1.32E-02
7.85E-03	5.20E-04	1.85E-03	1.29E-02	0.00E+00	1.29E-02
8.03E-03	5.33E-04	1.65E-03	1.27E-02	0.00E+00	1.27E-02
8.34E-03	5.56E-04	1.49E-03	1.27E-02	0.00E+00	1.27E-02
8.83E-03	5.89E-04	1.35E-03	1.29E-02	0.00E+00	1.29E-02
9.52E-03	6.38E-04	1.24E-03	1.34E-02	0.00E+00	1.34E-02
1.05E-02	7.08E-04	1.16E-03	1.42E-02	0.00E+00	1.42E-02
1.20E-02	8.14E-04	1.10E-03	1.56E-02	0.00E+00	1.56E-02
1.42E-02	9.83E-04	1.05E-03	1.78E-02	0.00E+00	1.78E-02
1.80E-02	1.29E-03	1.01E-03	2.18E-02	0.00E+00	2.18E-02
1.70E-02	1.22E-03	9.77E-04	2.06E-02	0.00E+00	2.06E-02

1.87E-02	1.34E-03	9.50E-04	2.22E-02	0.00E+00	2.22E-02
2.22E-02	1.63E-03	9.26E-04	2.60E-02	0.00E+00	2.60E-02
2.06E-02	1.48E-03	9.04E-04	2.41E-02	0.00E+00	2.41E-02
1.65E-02	1.15E-03	8.81E-04	1.96E-02	0.00E+00	1.96E-02
1.38E-02	9.51E-04	8.60E-04	1.67E-02	0.00E+00	1.67E-02
1.19E-02	8.10E-04	8.38E-04	1.45E-02	0.00E+00	1.45E-02
1.04E-02	7.04E-04	8.17E-04	1.29E-02	0.00E+00	1.29E-02
9.15E-03	6.19E-04	7.95E-04	1.15E-02	0.00E+00	1.15E-02
8.16E-03	5.50E-04	7.74E-04	1.04E-02	0.00E+00	1.04E-02
7.32E-03	4.92E-04	7.53E-04	9.46E-03	0.00E+00	9.46E-03
6.61E-03	4.43E-04	7.32E-04	8.66E-03	0.00E+00	8.66E-03
6.00E-03	4.01E-04	7.12E-04	7.96E-03	0.00E+00	7.96E-03
5.46E-03	3.64E-04	6.93E-04	7.36E-03	0.00E+00	7.36E-03
5.01E-03	3.33E-04	6.74E-04	6.83E-03	0.00E+00	6.83E-03
4.62E-03	3.06E-04	6.56E-04	6.38E-03	0.00E+00	6.38E-03
4.27E-03	2.82E-04	6.38E-04	5.97E-03	0.00E+00	5.97E-03
3.96E-03	2.62E-04	6.21E-04	5.61E-03	0.00E+00	5.61E-03
3.69E-03	2.43E-04	6.04E-04	5.28E-03	0.00E+00	5.28E-03
3.44E-03	2.26E-04	5.88E-04	4.98E-03	0.00E+00	4.98E-03
3.22E-03	2.12E-04	5.72E-04	4.72E-03	0.00E+00	4.72E-03
3.02E-03	1.99E-04	5.57E-04	4.48E-03	0.00E+00	4.48E-03
3.57E-03	2.36E-04	1.77E-03	7.43E-03	0.00E+00	7.43E-03
3.68E-03	2.43E-04	1.87E-03	7.73E-03	0.00E+00	7.73E-03
3.81E-03	2.51E-04	1.97E-03	8.04E-03	0.00E+00	8.04E-03
3.95E-03	2.60E-04	2.08E-03	8.39E-03	0.00E+00	8.39E-03
4.12E-03	2.72E-04	2.19E-03	8.78E-03	0.00E+00	8.78E-03
4.30E-03	2.84E-04	2.30E-03	9.19E-03	0.00E+00	9.19E-03
4.52E-03	2.99E-04	2.42E-03	9.64E-03	0.00E+00	9.64E-03
4.77E-03	3.15E-04	2.55E-03	1.01E-02	0.00E+00	1.01E-02
5.06E-03	3.35E-04	2.68E-03	1.07E-02	0.00E+00	1.07E-02
5.39E-03	3.58E-04	2.81E-03	1.13E-02	0.00E+00	1.13E-02
5.80E-03	3.86E-04	2.95E-03	1.20E-02	0.00E+00	1.20E-02
6.28E-03	4.20E-04	3.08E-03	1.27E-02	0.00E+00	1.27E-02
6.82E-03	4.58E-04	3.21E-03	1.35E-02	0.00E+00	1.35E-02
7.53E-03	5.08E-04	3.34E-03	1.45E-02	0.00E+00	1.45E-02
8.38E-03	5.69E-04	3.45E-03	1.57E-02	0.00E+00	1.57E-02
9.46E-03	6.48E-04	3.56E-03	1.70E-02	0.00E+00	1.70E-02
1.09E-02	7.53E-04	3.65E-03	1.87E-02	0.00E+00	1.87E-02
1.28E-02	9.02E-04	3.71E-03	2.10E-02	0.00E+00	2.10E-02
1.56E-02	1.13E-03	3.75E-03	2.41E-02	0.00E+00	2.41E-02
2.00E-02	1.50E-03	3.76E-03	2.89E-02	0.00E+00	2.89E-02
1.38E-02	1.00E-03	3.73E-03	2.23E-02	0.00E+00	2.23E-02
1.10E-02	7.77E-04	3.67E-03	1.92E-02	0.00E+00	1.92E-02
1.76E-02	1.31E-03	3.59E-03	2.62E-02	0.00E+00	2.62E-02
1.76E-02	1.28E-03	3.47E-03	2.60E-02	0.00E+00	2.60E-02
1.47E-02	1.04E-03	3.34E-03	2.28E-02	0.00E+00	2.28E-02
1.28E-02	8.88E-04	3.20E-03	2.05E-02	0.00E+00	2.05E-02
1.14E-02	7.83E-04	3.05E-03	1.88E-02	0.00E+00	1.88E-02
1.05E-02	7.08E-04	2.91E-03	1.75E-02	0.00E+00	1.75E-02
9.72E-03	6.52E-04	2.76E-03	1.64E-02	0.00E+00	1.64E-02
9.17E-03	6.11E-04	2.61E-03	1.55E-02	0.00E+00	1.55E-02
8.77E-03	5.83E-04	2.45E-03	1.48E-02	0.00E+00	1.48E-02
8.50E-03	5.64E-04	2.27E-03	1.42E-02	0.00E+00	1.42E-02
8.35E-03	5.53E-04	2.09E-03	1.38E-02	0.00E+00	1.38E-02
8.31E-03	5.50E-04	1.90E-03	1.34E-02	0.00E+00	1.34E-02

8.39E-03	5.57E-04	1.72E-03	1.31E-02	0.00E+00	1.31E-02
8.62E-03	5.73E-04	1.55E-03	1.31E-02	0.00E+00	1.31E-02
9.02E-03	6.01E-04	1.40E-03	1.32E-02	0.00E+00	1.32E-02
9.63E-03	6.45E-04	1.27E-03	1.36E-02	0.00E+00	1.36E-02
1.05E-02	7.10E-04	1.17E-03	1.43E-02	0.00E+00	1.43E-02
1.19E-02	8.08E-04	1.09E-03	1.55E-02	0.00E+00	1.55E-02
1.40E-02	9.65E-04	1.02E-03	1.76E-02	0.00E+00	1.76E-02
1.75E-02	1.24E-03	9.72E-04	2.12E-02	0.00E+00	2.12E-02
1.61E-02	1.14E-03	9.33E-04	1.96E-02	0.00E+00	1.96E-02
1.94E-02	1.41E-03	9.01E-04	2.30E-02	0.00E+00	2.30E-02
2.33E-02	1.72E-03	8.76E-04	2.71E-02	0.00E+00	2.71E-02
2.12E-02	1.53E-03	8.55E-04	2.47E-02	0.00E+00	2.47E-02
1.69E-02	1.18E-03	8.34E-04	2.00E-02	0.00E+00	2.00E-02
1.41E-02	9.74E-04	8.15E-04	1.69E-02	0.00E+00	1.69E-02
1.21E-02	8.26E-04	7.97E-04	1.47E-02	0.00E+00	1.47E-02
1.06E-02	7.16E-04	7.79E-04	1.30E-02	0.00E+00	1.30E-02
9.31E-03	6.29E-04	7.60E-04	1.16E-02	0.00E+00	1.16E-02
8.29E-03	5.58E-04	7.42E-04	1.05E-02	0.00E+00	1.05E-02
7.47E-03	5.02E-04	7.24E-04	9.55E-03	0.00E+00	9.55E-03
6.75E-03	4.52E-04	7.06E-04	8.75E-03	0.00E+00	8.75E-03
6.13E-03	4.10E-04	6.88E-04	8.04E-03	0.00E+00	8.04E-03
5.59E-03	3.72E-04	6.71E-04	7.43E-03	0.00E+00	7.43E-03
5.12E-03	3.40E-04	6.53E-04	6.89E-03	0.00E+00	6.89E-03
4.70E-03	3.12E-04	6.36E-04	6.42E-03	0.00E+00	6.42E-03
4.35E-03	2.87E-04	6.20E-04	6.01E-03	0.00E+00	6.01E-03
4.03E-03	2.66E-04	6.04E-04	5.64E-03	0.00E+00	5.64E-03
3.75E-03	2.47E-04	5.88E-04	5.31E-03	0.00E+00	5.31E-03
3.50E-03	2.30E-04	5.73E-04	5.01E-03	0.00E+00	5.01E-03
3.27E-03	2.15E-04	5.58E-04	4.74E-03	0.00E+00	4.74E-03
3.07E-03	2.01E-04	5.44E-04	4.49E-03	0.00E+00	4.49E-03
2.89E-03	1.89E-04	5.30E-04	4.27E-03	0.00E+00	4.27E-03
3.44E-03	2.27E-04	1.85E-03	7.42E-03	0.00E+00	7.42E-03
3.56E-03	2.35E-04	1.94E-03	7.73E-03	0.00E+00	7.73E-03
3.70E-03	2.44E-04	2.04E-03	8.06E-03	0.00E+00	8.06E-03
3.85E-03	2.54E-04	2.14E-03	8.40E-03	0.00E+00	8.40E-03
4.02E-03	2.65E-04	2.24E-03	8.78E-03	0.00E+00	8.78E-03
4.21E-03	2.78E-04	2.35E-03	9.19E-03	0.00E+00	9.19E-03
4.44E-03	2.93E-04	2.46E-03	9.63E-03	0.00E+00	9.63E-03
4.69E-03	3.10E-04	2.58E-03	1.01E-02	0.00E+00	1.01E-02
4.99E-03	3.30E-04	2.69E-03	1.06E-02	0.00E+00	1.06E-02
5.33E-03	3.54E-04	2.81E-03	1.12E-02	0.00E+00	1.12E-02
5.72E-03	3.81E-04	2.92E-03	1.18E-02	0.00E+00	1.18E-02
6.18E-03	4.13E-04	3.02E-03	1.25E-02	0.00E+00	1.25E-02
6.74E-03	4.52E-04	3.13E-03	1.33E-02	0.00E+00	1.33E-02
7.41E-03	5.00E-04	3.22E-03	1.42E-02	0.00E+00	1.42E-02
8.23E-03	5.59E-04	3.29E-03	1.53E-02	0.00E+00	1.53E-02
9.28E-03	6.34E-04	3.35E-03	1.65E-02	0.00E+00	1.65E-02
1.06E-02	7.34E-04	3.39E-03	1.81E-02	0.00E+00	1.81E-02
1.25E-02	8.73E-04	3.41E-03	2.01E-02	0.00E+00	2.01E-02
1.50E-02	1.08E-03	3.40E-03	2.29E-02	0.00E+00	2.29E-02
1.91E-02	1.42E-03	3.36E-03	2.73E-02	0.00E+00	2.73E-02
1.34E-02	9.66E-04	3.29E-03	2.11E-02	0.00E+00	2.11E-02
1.39E-02	1.01E-03	3.21E-03	2.15E-02	0.00E+00	2.15E-02
1.73E-02	1.28E-03	3.10E-03	2.50E-02	0.00E+00	2.50E-02
1.82E-02	1.33E-03	2.99E-03	2.58E-02	0.00E+00	2.58E-02



1.52E-02	1.08E-03	2.86E-03	2.24E-02	0.00E+00	2.24E-02
1.32E-02	9.20E-04	2.74E-03	2.00E-02	0.00E+00	2.00E-02
1.18E-02	8.09E-04	2.62E-03	1.83E-02	0.00E+00	1.83E-02
1.08E-02	7.30E-04	2.49E-03	1.70E-02	0.00E+00	1.70E-02
1.00E-02	6.75E-04	2.36E-03	1.60E-02	0.00E+00	1.60E-02
9.53E-03	6.36E-04	2.23E-03	1.52E-02	0.00E+00	1.52E-02
9.17E-03	6.10E-04	2.08E-03	1.45E-02	0.00E+00	1.45E-02
8.97E-03	5.96E-04	1.92E-03	1.40E-02	0.00E+00	1.40E-02
8.92E-03	5.92E-04	1.76E-03	1.37E-02	0.00E+00	1.37E-02
9.03E-03	6.00E-04	1.60E-03	1.35E-02	0.00E+00	1.35E-02
9.32E-03	6.21E-04	1.45E-03	1.35E-02	0.00E+00	1.35E-02
9.84E-03	6.58E-04	1.32E-03	1.38E-02	0.00E+00	1.38E-02
1.07E-02	7.16E-04	1.20E-03	1.45E-02	0.00E+00	1.45E-02
1.19E-02	8.06E-04	1.10E-03	1.56E-02	0.00E+00	1.56E-02
1.38E-02	9.51E-04	1.02E-03	1.74E-02	0.00E+00	1.74E-02
1.71E-02	1.21E-03	9.58E-04	2.07E-02	0.00E+00	2.07E-02
1.92E-02	1.39E-03	9.07E-04	2.29E-02	0.00E+00	2.29E-02
1.85E-02	1.33E-03	8.68E-04	2.20E-02	0.00E+00	2.20E-02
1.90E-02	1.37E-03	8.36E-04	2.25E-02	0.00E+00	2.25E-02
2.19E-02	1.59E-03	8.12E-04	2.54E-02	0.00E+00	2.54E-02
1.74E-02	1.22E-03	7.91E-04	2.05E-02	0.00E+00	2.05E-02
1.44E-02	9.96E-04	7.72E-04	1.72E-02	0.00E+00	1.72E-02
1.23E-02	8.43E-04	7.56E-04	1.49E-02	0.00E+00	1.49E-02
1.07E-02	7.29E-04	7.40E-04	1.31E-02	0.00E+00	1.31E-02
9.46E-03	6.39E-04	7.24E-04	1.17E-02	0.00E+00	1.17E-02
8.43E-03	5.68E-04	7.09E-04	1.06E-02	0.00E+00	1.06E-02
7.56E-03	5.08E-04	6.93E-04	9.58E-03	0.00E+00	9.58E-03
6.85E-03	4.59E-04	6.77E-04	8.79E-03	0.00E+00	8.79E-03
6.23E-03	4.17E-04	6.62E-04	8.10E-03	0.00E+00	8.10E-03
5.69E-03	3.79E-04	6.47E-04	7.49E-03	0.00E+00	7.49E-03
5.21E-03	3.46E-04	6.32E-04	6.94E-03	0.00E+00	6.94E-03
4.79E-03	3.17E-04	6.16E-04	6.46E-03	0.00E+00	6.46E-03
4.42E-03	2.92E-04	6.02E-04	6.04E-03	0.00E+00	6.04E-03
4.10E-03	2.70E-04	5.87E-04	5.66E-03	0.00E+00	5.66E-03
3.80E-03	2.50E-04	5.72E-04	5.32E-03	0.00E+00	5.32E-03
3.55E-03	2.33E-04	5.58E-04	5.02E-03	0.00E+00	5.02E-03
3.32E-03	2.18E-04	5.44E-04	4.75E-03	0.00E+00	4.75E-03
3.11E-03	2.04E-04	5.31E-04	4.50E-03	0.00E+00	4.50E-03
2.92E-03	1.91E-04	5.17E-04	4.27E-03	0.00E+00	4.27E-03
3.35E-03	2.20E-04	1.90E-03	7.42E-03	0.00E+00	7.42E-03
3.48E-03	2.29E-04	1.99E-03	7.73E-03	0.00E+00	7.73E-03
3.62E-03	2.38E-04	2.08E-03	8.06E-03	0.00E+00	8.06E-03
3.78E-03	2.49E-04	2.18E-03	8.39E-03	0.00E+00	8.39E-03
3.95E-03	2.60E-04	2.27E-03	8.76E-03	0.00E+00	8.76E-03
4.15E-03	2.74E-04	2.37E-03	9.16E-03	0.00E+00	9.16E-03
4.38E-03	2.89E-04	2.47E-03	9.58E-03	0.00E+00	9.58E-03
4.64E-03	3.07E-04	2.57E-03	1.00E-02	0.00E+00	1.00E-02
4.94E-03	3.27E-04	2.67E-03	1.05E-02	0.00E+00	1.05E-02
5.26E-03	3.49E-04	2.76E-03	1.11E-02	0.00E+00	1.11E-02
5.66E-03	3.77E-04	2.84E-03	1.17E-02	0.00E+00	1.17E-02
6.11E-03	4.08E-04	2.92E-03	1.23E-02	0.00E+00	1.23E-02
6.65E-03	4.46E-04	2.99E-03	1.30E-02	0.00E+00	1.30E-02
7.30E-03	4.92E-04	3.05E-03	1.38E-02	0.00E+00	1.38E-02
8.10E-03	5.49E-04	3.09E-03	1.48E-02	0.00E+00	1.48E-02
9.10E-03	6.21E-04	3.11E-03	1.59E-02	0.00E+00	1.59E-02

1.04E-02	7.16E-04	3.10E-03	1.73E-02	0.00E+00	1.73E-02
1.21E-02	8.47E-04	3.08E-03	1.92E-02	0.00E+00	1.92E-02
1.45E-02	1.04E-03	3.03E-03	2.18E-02	0.00E+00	2.18E-02
1.83E-02	1.34E-03	2.97E-03	2.57E-02	0.00E+00	2.57E-02
1.37E-02	9.94E-04	2.88E-03	2.07E-02	0.00E+00	2.07E-02
1.12E-02	7.89E-04	2.79E-03	1.78E-02	0.00E+00	1.78E-02
1.36E-02	9.77E-04	2.69E-03	2.03E-02	0.00E+00	2.03E-02
1.89E-02	1.39E-03	2.58E-03	2.58E-02	0.00E+00	2.58E-02
1.57E-02	1.12E-03	2.47E-03	2.22E-02	0.00E+00	2.22E-02
1.36E-02	9.52E-04	2.37E-03	1.98E-02	0.00E+00	1.98E-02
1.22E-02	8.37E-04	2.26E-03	1.80E-02	0.00E+00	1.80E-02
1.12E-02	7.58E-04	2.15E-03	1.67E-02	0.00E+00	1.67E-02
1.05E-02	7.03E-04	2.04E-03	1.57E-02	0.00E+00	1.57E-02
9.97E-03	6.67E-04	1.91E-03	1.50E-02	0.00E+00	1.50E-02
9.70E-03	6.47E-04	1.78E-03	1.44E-02	0.00E+00	1.44E-02
9.64E-03	6.42E-04	1.64E-03	1.41E-02	0.00E+00	1.41E-02
9.79E-03	6.53E-04	1.50E-03	1.40E-02	0.00E+00	1.40E-02
1.02E-02	6.80E-04	1.37E-03	1.42E-02	0.00E+00	1.42E-02
1.09E-02	7.30E-04	1.25E-03	1.47E-02	0.00E+00	1.47E-02
1.20E-02	8.10E-04	1.14E-03	1.57E-02	0.00E+00	1.57E-02
1.37E-02	9.43E-04	1.04E-03	1.74E-02	0.00E+00	1.74E-02
1.67E-02	1.17E-03	9.66E-04	2.04E-02	0.00E+00	2.04E-02
1.57E-02	1.11E-03	9.03E-04	1.92E-02	0.00E+00	1.92E-02
1.87E-02	1.34E-03	8.52E-04	2.22E-02	0.00E+00	2.22E-02
1.89E-02	1.36E-03	8.12E-04	2.23E-02	0.00E+00	2.23E-02
2.26E-02	1.65E-03	7.80E-04	2.62E-02	0.00E+00	2.62E-02
1.78E-02	1.26E-03	7.55E-04	2.09E-02	0.00E+00	2.09E-02
1.47E-02	1.02E-03	7.35E-04	1.75E-02	0.00E+00	1.75E-02
1.26E-02	8.58E-04	7.18E-04	1.51E-02	0.00E+00	1.51E-02
1.09E-02	7.40E-04	7.02E-04	1.33E-02	0.00E+00	1.33E-02
9.60E-03	6.49E-04	6.88E-04	1.18E-02	0.00E+00	1.18E-02
8.54E-03	5.75E-04	6.74E-04	1.06E-02	0.00E+00	1.06E-02
7.69E-03	5.16E-04	6.62E-04	9.67E-03	0.00E+00	9.67E-03
6.94E-03	4.65E-04	6.49E-04	8.83E-03	0.00E+00	8.83E-03
6.30E-03	4.21E-04	6.35E-04	8.11E-03	0.00E+00	8.11E-03
5.75E-03	3.84E-04	6.22E-04	7.50E-03	0.00E+00	7.50E-03
5.28E-03	3.51E-04	6.09E-04	6.97E-03	0.00E+00	6.97E-03
4.86E-03	3.22E-04	5.96E-04	6.49E-03	0.00E+00	6.49E-03
4.48E-03	2.96E-04	5.82E-04	6.05E-03	0.00E+00	6.05E-03
4.15E-03	2.73E-04	5.69E-04	5.67E-03	0.00E+00	5.67E-03
3.86E-03	2.54E-04	5.56E-04	5.33E-03	0.00E+00	5.33E-03
3.59E-03	2.36E-04	5.43E-04	5.02E-03	0.00E+00	5.02E-03
3.35E-03	2.20E-04	5.30E-04	4.75E-03	0.00E+00	4.75E-03
3.14E-03	2.06E-04	5.18E-04	4.50E-03	0.00E+00	4.50E-03
2.95E-03	1.93E-04	5.05E-04	4.27E-03	0.00E+00	4.27E-03
2.78E-03	1.82E-04	4.94E-04	4.06E-03	0.00E+00	4.06E-03
3.16E-03	2.08E-04	1.86E-03	7.14E-03	0.00E+00	7.14E-03
3.28E-03	2.16E-04	1.94E-03	7.42E-03	0.00E+00	7.42E-03
3.42E-03	2.25E-04	2.02E-03	7.72E-03	0.00E+00	7.72E-03
3.56E-03	2.34E-04	2.11E-03	8.04E-03	0.00E+00	8.04E-03
3.72E-03	2.45E-04	2.19E-03	8.37E-03	0.00E+00	8.37E-03
3.90E-03	2.57E-04	2.28E-03	8.72E-03	0.00E+00	8.72E-03
4.11E-03	2.71E-04	2.36E-03	9.10E-03	0.00E+00	9.10E-03
4.34E-03	2.86E-04	2.45E-03	9.51E-03	0.00E+00	9.51E-03
4.59E-03	3.03E-04	2.53E-03	9.93E-03	0.00E+00	9.93E-03

4.89E-03	3.24E-04	2.60E-03	1.04E-02	0.00E+00	1.04E-02
5.21E-03	3.46E-04	2.67E-03	1.09E-02	0.00E+00	1.09E-02
5.59E-03	3.72E-04	2.73E-03	1.14E-02	0.00E+00	1.14E-02
6.04E-03	4.03E-04	2.78E-03	1.20E-02	0.00E+00	1.20E-02
6.57E-03	4.40E-04	2.82E-03	1.26E-02	0.00E+00	1.26E-02
7.20E-03	4.85E-04	2.84E-03	1.34E-02	0.00E+00	1.34E-02
7.98E-03	5.40E-04	2.85E-03	1.43E-02	0.00E+00	1.43E-02
8.94E-03	6.09E-04	2.83E-03	1.53E-02	0.00E+00	1.53E-02
1.02E-02	7.00E-04	2.80E-03	1.66E-02	0.00E+00	1.66E-02
1.18E-02	8.23E-04	2.75E-03	1.83E-02	0.00E+00	1.83E-02
1.41E-02	1.00E-03	2.69E-03	2.07E-02	0.00E+00	2.07E-02
1.75E-02	1.28E-03	2.61E-03	2.43E-02	0.00E+00	2.43E-02
1.32E-02	9.44E-04	2.52E-03	1.95E-02	0.00E+00	1.95E-02
1.41E-02	1.02E-03	2.43E-03	2.03E-02	0.00E+00	2.03E-02
1.49E-02	1.09E-03	2.34E-03	2.11E-02	0.00E+00	2.11E-02
1.97E-02	1.46E-03	2.24E-03	2.60E-02	0.00E+00	2.60E-02
1.63E-02	1.17E-03	2.15E-03	2.22E-02	0.00E+00	2.22E-02
1.42E-02	9.92E-04	2.06E-03	1.97E-02	0.00E+00	1.97E-02
1.26E-02	8.71E-04	1.97E-03	1.79E-02	0.00E+00	1.79E-02
1.16E-02	7.89E-04	1.87E-03	1.66E-02	0.00E+00	1.66E-02
1.09E-02	7.37E-04	1.76E-03	1.57E-02	0.00E+00	1.57E-02
1.06E-02	7.10E-04	1.65E-03	1.51E-02	0.00E+00	1.51E-02
1.05E-02	7.03E-04	1.53E-03	1.48E-02	0.00E+00	1.48E-02
1.07E-02	7.17E-04	1.41E-03	1.48E-02	0.00E+00	1.48E-02
1.12E-02	7.55E-04	1.29E-03	1.51E-02	0.00E+00	1.51E-02
1.22E-02	8.24E-04	1.18E-03	1.59E-02	0.00E+00	1.59E-02
1.38E-02	9.42E-04	1.08E-03	1.74E-02	0.00E+00	1.74E-02
1.65E-02	1.15E-03	9.92E-04	2.02E-02	0.00E+00	2.02E-02
1.84E-02	1.32E-03	9.17E-04	2.21E-02	0.00E+00	2.21E-02
1.84E-02	1.32E-03	8.55E-04	2.19E-02	0.00E+00	2.19E-02
1.92E-02	1.38E-03	8.04E-04	2.26E-02	0.00E+00	2.26E-02
2.35E-02	1.72E-03	7.64E-04	2.71E-02	0.00E+00	2.71E-02
1.83E-02	1.29E-03	7.32E-04	2.14E-02	0.00E+00	2.14E-02
1.50E-02	1.04E-03	7.06E-04	1.78E-02	0.00E+00	1.78E-02
1.28E-02	8.73E-04	6.86E-04	1.53E-02	0.00E+00	1.53E-02
1.10E-02	7.51E-04	6.69E-04	1.34E-02	0.00E+00	1.34E-02
9.71E-03	6.57E-04	6.55E-04	1.19E-02	0.00E+00	1.19E-02
8.63E-03	5.82E-04	6.42E-04	1.07E-02	0.00E+00	1.07E-02
7.74E-03	5.20E-04	6.30E-04	9.68E-03	0.00E+00	9.68E-03
7.00E-03	4.69E-04	6.19E-04	8.84E-03	0.00E+00	8.84E-03
6.37E-03	4.26E-04	6.08E-04	8.14E-03	0.00E+00	8.14E-03
5.81E-03	3.87E-04	5.96E-04	7.51E-03	0.00E+00	7.51E-03
5.32E-03	3.54E-04	5.84E-04	6.96E-03	0.00E+00	6.96E-03
4.90E-03	3.25E-04	5.73E-04	6.48E-03	0.00E+00	6.48E-03
4.53E-03	2.99E-04	5.62E-04	6.06E-03	0.00E+00	6.06E-03
4.20E-03	2.77E-04	5.51E-04	5.68E-03	0.00E+00	5.68E-03
3.89E-03	2.56E-04	5.39E-04	5.33E-03	0.00E+00	5.33E-03
3.62E-03	2.38E-04	5.27E-04	5.02E-03	0.00E+00	5.02E-03
3.38E-03	2.22E-04	5.16E-04	4.74E-03	0.00E+00	4.74E-03
3.17E-03	2.07E-04	5.04E-04	4.49E-03	0.00E+00	4.49E-03
2.98E-03	1.95E-04	4.93E-04	4.26E-03	0.00E+00	4.26E-03
2.80E-03	1.83E-04	4.82E-04	4.05E-03	0.00E+00	4.05E-03
3.11E-03	2.04E-04	1.88E-03	7.13E-03	0.00E+00	7.13E-03
3.23E-03	2.12E-04	1.96E-03	7.41E-03	0.00E+00	7.41E-03
3.37E-03	2.22E-04	2.03E-03	7.70E-03	0.00E+00	7.70E-03

3.52E-03	2.31E-04	2.11E-03	8.00E-03	0.00E+00	8.00E-03
3.68E-03	2.42E-04	2.18E-03	8.31E-03	0.00E+00	8.31E-03
3.87E-03	2.55E-04	2.26E-03	8.65E-03	0.00E+00	8.65E-03
4.07E-03	2.68E-04	2.33E-03	9.00E-03	0.00E+00	9.00E-03
4.29E-03	2.83E-04	2.39E-03	9.37E-03	0.00E+00	9.37E-03
4.56E-03	3.01E-04	2.45E-03	9.78E-03	0.00E+00	9.78E-03
4.84E-03	3.20E-04	2.51E-03	1.02E-02	0.00E+00	1.02E-02
5.17E-03	3.43E-04	2.55E-03	1.06E-02	0.00E+00	1.06E-02
5.54E-03	3.69E-04	2.59E-03	1.11E-02	0.00E+00	1.11E-02
5.98E-03	3.99E-04	2.61E-03	1.16E-02	0.00E+00	1.16E-02
6.50E-03	4.35E-04	2.62E-03	1.22E-02	0.00E+00	1.22E-02
7.11E-03	4.78E-04	2.61E-03	1.29E-02	0.00E+00	1.29E-02
7.86E-03	5.31E-04	2.59E-03	1.37E-02	0.00E+00	1.37E-02
8.79E-03	5.98E-04	2.56E-03	1.47E-02	0.00E+00	1.47E-02
9.97E-03	6.85E-04	2.51E-03	1.59E-02	0.00E+00	1.59E-02
1.15E-02	8.01E-04	2.44E-03	1.75E-02	0.00E+00	1.75E-02
1.37E-02	9.68E-04	2.37E-03	1.97E-02	0.00E+00	1.97E-02
1.69E-02	1.23E-03	2.29E-03	2.30E-02	0.00E+00	2.30E-02
1.67E-02	1.23E-03	2.21E-03	2.27E-02	0.00E+00	2.27E-02
1.42E-02	1.03E-03	2.13E-03	1.98E-02	0.00E+00	1.98E-02
1.40E-02	1.01E-03	2.05E-03	1.95E-02	0.00E+00	1.95E-02
2.06E-02	1.53E-03	1.97E-03	2.64E-02	0.00E+00	2.64E-02
1.70E-02	1.22E-03	1.89E-03	2.24E-02	0.00E+00	2.24E-02
1.47E-02	1.03E-03	1.81E-03	1.97E-02	0.00E+00	1.97E-02
1.31E-02	9.03E-04	1.72E-03	1.79E-02	0.00E+00	1.79E-02
1.22E-02	8.29E-04	1.63E-03	1.67E-02	0.00E+00	1.67E-02
1.17E-02	7.90E-04	1.53E-03	1.60E-02	0.00E+00	1.60E-02
1.16E-02	7.79E-04	1.43E-03	1.57E-02	0.00E+00	1.57E-02
1.18E-02	7.97E-04	1.32E-03	1.58E-02	0.00E+00	1.58E-02
1.26E-02	8.51E-04	1.22E-03	1.64E-02	0.00E+00	1.64E-02
1.40E-02	9.54E-04	1.12E-03	1.77E-02	0.00E+00	1.77E-02
1.64E-02	1.14E-03	1.03E-03	2.01E-02	0.00E+00	2.01E-02
2.11E-02	1.53E-03	9.45E-04	2.50E-02	0.00E+00	2.50E-02
1.81E-02	1.29E-03	8.73E-04	2.16E-02	0.00E+00	2.16E-02
1.96E-02	1.42E-03	8.12E-04	2.32E-02	0.00E+00	2.32E-02
2.44E-02	1.80E-03	7.63E-04	2.81E-02	0.00E+00	2.81E-02
1.88E-02	1.33E-03	7.23E-04	2.20E-02	0.00E+00	2.20E-02
1.54E-02	1.07E-03	6.90E-04	1.82E-02	0.00E+00	1.82E-02
1.30E-02	8.88E-04	6.64E-04	1.55E-02	0.00E+00	1.55E-02
1.12E-02	7.60E-04	6.43E-04	1.35E-02	0.00E+00	1.35E-02
9.80E-03	6.63E-04	6.26E-04	1.20E-02	0.00E+00	1.20E-02
8.69E-03	5.86E-04	6.12E-04	1.07E-02	0.00E+00	1.07E-02
7.78E-03	5.23E-04	6.00E-04	9.68E-03	0.00E+00	9.68E-03
7.03E-03	4.71E-04	5.89E-04	8.84E-03	0.00E+00	8.84E-03
6.39E-03	4.27E-04	5.79E-04	8.12E-03	0.00E+00	8.12E-03
5.84E-03	3.89E-04	5.70E-04	7.50E-03	0.00E+00	7.50E-03
5.37E-03	3.57E-04	5.60E-04	6.96E-03	0.00E+00	6.96E-03
4.94E-03	3.27E-04	5.50E-04	6.47E-03	0.00E+00	6.47E-03
4.55E-03	3.01E-04	5.40E-04	6.04E-03	0.00E+00	6.04E-03
4.22E-03	2.78E-04	5.30E-04	5.65E-03	0.00E+00	5.65E-03
3.92E-03	2.58E-04	5.20E-04	5.32E-03	0.00E+00	5.32E-03
3.65E-03	2.40E-04	5.10E-04	5.01E-03	0.00E+00	5.01E-03
3.41E-03	2.23E-04	5.00E-04	4.73E-03	0.00E+00	4.73E-03
3.19E-03	2.09E-04	4.90E-04	4.48E-03	0.00E+00	4.48E-03
3.00E-03	1.96E-04	4.80E-04	4.25E-03	0.00E+00	4.25E-03

2.82E-03	1.84E-04	4.70E-04	4.04E-03	0.00E+00	4.04E-03
3.07E-03	2.01E-04	1.89E-03	7.11E-03	0.00E+00	7.11E-03
3.20E-03	2.10E-04	1.96E-03	7.37E-03	0.00E+00	7.37E-03
3.33E-03	2.19E-04	2.02E-03	7.64E-03	0.00E+00	7.64E-03
3.49E-03	2.29E-04	2.09E-03	7.93E-03	0.00E+00	7.93E-03
3.65E-03	2.40E-04	2.15E-03	8.22E-03	0.00E+00	8.22E-03
3.83E-03	2.52E-04	2.21E-03	8.52E-03	0.00E+00	8.52E-03
4.04E-03	2.66E-04	2.26E-03	8.87E-03	0.00E+00	8.87E-03
4.27E-03	2.82E-04	2.31E-03	9.21E-03	0.00E+00	9.21E-03
4.52E-03	2.99E-04	2.35E-03	9.56E-03	0.00E+00	9.56E-03
4.80E-03	3.18E-04	2.38E-03	9.93E-03	0.00E+00	9.93E-03
5.12E-03	3.40E-04	2.41E-03	1.03E-02	0.00E+00	1.03E-02
5.49E-03	3.65E-04	2.42E-03	1.08E-02	0.00E+00	1.08E-02
5.92E-03	3.95E-04	2.42E-03	1.13E-02	0.00E+00	1.13E-02
6.42E-03	4.30E-04	2.41E-03	1.18E-02	0.00E+00	1.18E-02
7.02E-03	4.72E-04	2.38E-03	1.24E-02	0.00E+00	1.24E-02
7.75E-03	5.23E-04	2.34E-03	1.31E-02	0.00E+00	1.31E-02
8.65E-03	5.88E-04	2.29E-03	1.40E-02	0.00E+00	1.40E-02
9.79E-03	6.71E-04	2.23E-03	1.52E-02	0.00E+00	1.52E-02
1.13E-02	7.82E-04	2.16E-03	1.67E-02	0.00E+00	1.67E-02
1.34E-02	9.40E-04	2.09E-03	1.88E-02	0.00E+00	1.88E-02
1.64E-02	1.18E-03	2.02E-03	2.19E-02	0.00E+00	2.19E-02
1.29E-02	9.21E-04	1.95E-03	1.81E-02	0.00E+00	1.81E-02
1.43E-02	1.03E-03	1.88E-03	1.94E-02	0.00E+00	1.94E-02
1.57E-02	1.16E-03	1.81E-03	2.09E-02	0.00E+00	2.09E-02
2.16E-02	1.61E-03	1.74E-03	2.70E-02	0.00E+00	2.70E-02
1.77E-02	1.27E-03	1.67E-03	2.26E-02	0.00E+00	2.26E-02
1.52E-02	1.07E-03	1.59E-03	1.98E-02	0.00E+00	1.98E-02
1.38E-02	9.54E-04	1.51E-03	1.82E-02	0.00E+00	1.82E-02
1.31E-02	8.95E-04	1.42E-03	1.73E-02	0.00E+00	1.73E-02
1.29E-02	8.77E-04	1.34E-03	1.69E-02	0.00E+00	1.69E-02
1.33E-02	9.03E-04	1.24E-03	1.71E-02	0.00E+00	1.71E-02
1.44E-02	9.82E-04	1.15E-03	1.81E-02	0.00E+00	1.81E-02
1.65E-02	1.15E-03	1.06E-03	2.02E-02	0.00E+00	2.02E-02
2.06E-02	1.49E-03	9.77E-04	2.45E-02	0.00E+00	2.45E-02
1.84E-02	1.32E-03	9.00E-04	2.20E-02	0.00E+00	2.20E-02
1.94E-02	1.39E-03	8.33E-04	2.29E-02	0.00E+00	2.29E-02
2.54E-02	1.88E-03	7.75E-04	2.92E-02	0.00E+00	2.92E-02
1.93E-02	1.37E-03	7.26E-04	2.26E-02	0.00E+00	2.26E-02
1.57E-02	1.09E-03	6.86E-04	1.85E-02	0.00E+00	1.85E-02
1.32E-02	9.04E-04	6.53E-04	1.57E-02	0.00E+00	1.57E-02
1.13E-02	7.69E-04	6.27E-04	1.36E-02	0.00E+00	1.36E-02
9.87E-03	6.68E-04	6.06E-04	1.20E-02	0.00E+00	1.20E-02
8.73E-03	5.88E-04	5.89E-04	1.07E-02	0.00E+00	1.07E-02
7.79E-03	5.23E-04	5.75E-04	9.67E-03	0.00E+00	9.67E-03
7.02E-03	4.70E-04	5.63E-04	8.80E-03	0.00E+00	8.80E-03
6.39E-03	4.26E-04	5.52E-04	8.08E-03	0.00E+00	8.08E-03
5.84E-03	3.89E-04	5.43E-04	7.46E-03	0.00E+00	7.46E-03
5.37E-03	3.56E-04	5.35E-04	6.92E-03	0.00E+00	6.92E-03
4.95E-03	3.28E-04	5.26E-04	6.45E-03	0.00E+00	6.45E-03
4.58E-03	3.02E-04	5.18E-04	6.02E-03	0.00E+00	6.02E-03
4.24E-03	2.79E-04	5.09E-04	5.64E-03	0.00E+00	5.64E-03
3.93E-03	2.58E-04	5.01E-04	5.29E-03	0.00E+00	5.29E-03
3.67E-03	2.40E-04	4.92E-04	4.98E-03	0.00E+00	4.98E-03
3.42E-03	2.24E-04	4.83E-04	4.71E-03	0.00E+00	4.71E-03

3.21E-03	2.10E-04	4.74E-04	4.46E-03	0.00E+00	4.46E-03
3.01E-03	1.96E-04	4.66E-04	4.23E-03	0.00E+00	4.23E-03
2.83E-03	1.85E-04	4.57E-04	4.02E-03	0.00E+00	4.02E-03
3.04E-03	1.99E-04	1.88E-03	7.06E-03	0.00E+00	7.06E-03
3.17E-03	2.08E-04	1.94E-03	7.31E-03	0.00E+00	7.31E-03
3.31E-03	2.17E-04	1.99E-03	7.56E-03	0.00E+00	7.56E-03
3.45E-03	2.27E-04	2.04E-03	7.82E-03	0.00E+00	7.82E-03
3.62E-03	2.38E-04	2.09E-03	8.10E-03	0.00E+00	8.10E-03
3.81E-03	2.51E-04	2.14E-03	8.39E-03	0.00E+00	8.39E-03
4.01E-03	2.64E-04	2.17E-03	8.69E-03	0.00E+00	8.69E-03
4.24E-03	2.79E-04	2.21E-03	8.99E-03	0.00E+00	8.99E-03
4.49E-03	2.96E-04	2.23E-03	9.31E-03	0.00E+00	9.31E-03
4.76E-03	3.15E-04	2.24E-03	9.65E-03	0.00E+00	9.65E-03
5.08E-03	3.37E-04	2.24E-03	1.00E-02	0.00E+00	1.00E-02
5.44E-03	3.62E-04	2.24E-03	1.04E-02	0.00E+00	1.04E-02
5.86E-03	3.91E-04	2.22E-03	1.08E-02	0.00E+00	1.08E-02
6.35E-03	4.25E-04	2.19E-03	1.13E-02	0.00E+00	1.13E-02
6.94E-03	4.66E-04	2.15E-03	1.19E-02	0.00E+00	1.19E-02
7.65E-03	5.16E-04	2.10E-03	1.26E-02	0.00E+00	1.26E-02
8.52E-03	5.78E-04	2.04E-03	1.34E-02	0.00E+00	1.34E-02
9.63E-03	6.59E-04	1.98E-03	1.45E-02	0.00E+00	1.45E-02
1.11E-02	7.65E-04	1.92E-03	1.60E-02	0.00E+00	1.60E-02
1.30E-02	9.14E-04	1.85E-03	1.80E-02	0.00E+00	1.80E-02
1.58E-02	1.14E-03	1.79E-03	2.09E-02	0.00E+00	2.09E-02
1.60E-02	1.16E-03	1.73E-03	2.10E-02	0.00E+00	2.10E-02
1.41E-02	1.02E-03	1.67E-03	1.88E-02	0.00E+00	1.88E-02
1.45E-02	1.05E-03	1.61E-03	1.91E-02	0.00E+00	1.91E-02
1.76E-02	1.29E-03	1.54E-03	2.23E-02	0.00E+00	2.23E-02
1.85E-02	1.33E-03	1.48E-03	2.31E-02	0.00E+00	2.31E-02
1.61E-02	1.13E-03	1.41E-03	2.04E-02	0.00E+00	2.04E-02
1.50E-02	1.04E-03	1.33E-03	1.90E-02	0.00E+00	1.90E-02
1.47E-02	1.01E-03	1.25E-03	1.86E-02	0.00E+00	1.86E-02
1.52E-02	1.05E-03	1.17E-03	1.90E-02	0.00E+00	1.90E-02
1.68E-02	1.17E-03	1.09E-03	2.06E-02	0.00E+00	2.06E-02
2.04E-02	1.46E-03	1.01E-03	2.43E-02	0.00E+00	2.43E-02
1.79E-02	1.27E-03	9.31E-04	2.15E-02	0.00E+00	2.15E-02
2.07E-02	1.51E-03	8.60E-04	2.44E-02	0.00E+00	2.44E-02
2.24E-02	1.64E-03	7.97E-04	2.61E-02	0.00E+00	2.61E-02
1.99E-02	1.42E-03	7.41E-04	2.32E-02	0.00E+00	2.32E-02
1.60E-02	1.11E-03	6.93E-04	1.89E-02	0.00E+00	1.89E-02
1.33E-02	9.16E-04	6.54E-04	1.59E-02	0.00E+00	1.59E-02
1.14E-02	7.76E-04	6.21E-04	1.37E-02	0.00E+00	1.37E-02
9.90E-03	6.70E-04	5.94E-04	1.21E-02	0.00E+00	1.21E-02
8.73E-03	5.88E-04	5.73E-04	1.07E-02	0.00E+00	1.07E-02
7.78E-03	5.23E-04	5.56E-04	9.65E-03	0.00E+00	9.65E-03
7.00E-03	4.68E-04	5.41E-04	8.76E-03	0.00E+00	8.76E-03
6.35E-03	4.24E-04	5.29E-04	8.01E-03	0.00E+00	8.01E-03
5.81E-03	3.86E-04	5.20E-04	7.40E-03	0.00E+00	7.40E-03
5.34E-03	3.54E-04	5.11E-04	6.86E-03	0.00E+00	6.86E-03
4.93E-03	3.26E-04	5.03E-04	6.39E-03	0.00E+00	6.39E-03
4.56E-03	3.01E-04	4.95E-04	5.97E-03	0.00E+00	5.97E-03
4.23E-03	2.79E-04	4.87E-04	5.59E-03	0.00E+00	5.59E-03
3.94E-03	2.59E-04	4.80E-04	5.26E-03	0.00E+00	5.26E-03
3.67E-03	2.41E-04	4.73E-04	4.95E-03	0.00E+00	4.95E-03
3.43E-03	2.24E-04	4.66E-04	4.67E-03	0.00E+00	4.67E-03

3.21E-03	2.10E-04	4.58E-04	4.42E-03	0.00E+00	4.42E-03
3.02E-03	1.97E-04	4.50E-04	4.20E-03	0.00E+00	4.20E-03
2.84E-03	1.85E-04	4.43E-04	3.99E-03	0.00E+00	3.99E-03
3.02E-03	1.98E-04	1.85E-03	6.99E-03	0.00E+00	6.99E-03
3.14E-03	2.06E-04	1.90E-03	7.21E-03	0.00E+00	7.21E-03
3.28E-03	2.15E-04	1.94E-03	7.45E-03	0.00E+00	7.45E-03
3.44E-03	2.26E-04	1.98E-03	7.70E-03	0.00E+00	7.70E-03
3.60E-03	2.37E-04	2.02E-03	7.95E-03	0.00E+00	7.95E-03
3.78E-03	2.49E-04	2.05E-03	8.20E-03	0.00E+00	8.20E-03
3.98E-03	2.62E-04	2.07E-03	8.47E-03	0.00E+00	8.47E-03
4.21E-03	2.77E-04	2.08E-03	8.75E-03	0.00E+00	8.75E-03
4.45E-03	2.94E-04	2.09E-03	9.04E-03	0.00E+00	9.04E-03
4.73E-03	3.13E-04	2.08E-03	9.34E-03	0.00E+00	9.34E-03
5.04E-03	3.34E-04	2.07E-03	9.67E-03	0.00E+00	9.67E-03
5.39E-03	3.58E-04	2.05E-03	1.00E-02	0.00E+00	1.00E-02
5.81E-03	3.87E-04	2.02E-03	1.04E-02	0.00E+00	1.04E-02
6.29E-03	4.20E-04	1.98E-03	1.09E-02	0.00E+00	1.09E-02
6.86E-03	4.60E-04	1.93E-03	1.14E-02	0.00E+00	1.14E-02
7.55E-03	5.09E-04	1.88E-03	1.21E-02	0.00E+00	1.21E-02
8.40E-03	5.70E-04	1.82E-03	1.29E-02	0.00E+00	1.29E-02
9.47E-03	6.47E-04	1.76E-03	1.40E-02	0.00E+00	1.40E-02
1.09E-02	7.49E-04	1.70E-03	1.53E-02	0.00E+00	1.53E-02
1.27E-02	8.90E-04	1.65E-03	1.72E-02	0.00E+00	1.72E-02
1.54E-02	1.10E-03	1.59E-03	2.00E-02	0.00E+00	2.00E-02
1.96E-02	1.45E-03	1.54E-03	2.45E-02	0.00E+00	2.45E-02
1.45E-02	1.05E-03	1.49E-03	1.88E-02	0.00E+00	1.88E-02
1.20E-02	8.43E-04	1.43E-03	1.60E-02	0.00E+00	1.60E-02
1.94E-02	1.43E-03	1.38E-03	2.39E-02	0.00E+00	2.39E-02
1.97E-02	1.43E-03	1.31E-03	2.41E-02	0.00E+00	2.41E-02
1.76E-02	1.24E-03	1.25E-03	2.17E-02	0.00E+00	2.17E-02
1.70E-02	1.19E-03	1.18E-03	2.09E-02	0.00E+00	2.09E-02
1.78E-02	1.25E-03	1.11E-03	2.17E-02	0.00E+00	2.17E-02
2.06E-02	1.48E-03	1.03E-03	2.45E-02	0.00E+00	2.45E-02
2.21E-02	1.62E-03	9.58E-04	2.60E-02	0.00E+00	2.60E-02
1.96E-02	1.41E-03	8.87E-04	2.32E-02	0.00E+00	2.32E-02
2.25E-02	1.65E-03	8.22E-04	2.62E-02	0.00E+00	2.62E-02
2.05E-02	1.47E-03	7.63E-04	2.38E-02	0.00E+00	2.38E-02
1.62E-02	1.13E-03	7.09E-04	1.92E-02	0.00E+00	1.92E-02
1.34E-02	9.25E-04	6.64E-04	1.61E-02	0.00E+00	1.61E-02
1.14E-02	7.79E-04	6.25E-04	1.38E-02	0.00E+00	1.38E-02
9.88E-03	6.69E-04	5.92E-04	1.21E-02	0.00E+00	1.21E-02
8.69E-03	5.86E-04	5.66E-04	1.07E-02	0.00E+00	1.07E-02
7.73E-03	5.19E-04	5.44E-04	9.59E-03	0.00E+00	9.59E-03
6.94E-03	4.64E-04	5.26E-04	8.69E-03	0.00E+00	8.69E-03
6.29E-03	4.19E-04	5.12E-04	7.94E-03	0.00E+00	7.94E-03
5.74E-03	3.82E-04	4.99E-04	7.31E-03	0.00E+00	7.31E-03
5.29E-03	3.50E-04	4.90E-04	6.78E-03	0.00E+00	6.78E-03
4.88E-03	3.23E-04	4.81E-04	6.31E-03	0.00E+00	6.31E-03
4.52E-03	2.98E-04	4.74E-04	5.90E-03	0.00E+00	5.90E-03
4.21E-03	2.77E-04	4.67E-04	5.54E-03	0.00E+00	5.54E-03
3.92E-03	2.58E-04	4.60E-04	5.21E-03	0.00E+00	5.21E-03
3.66E-03	2.40E-04	4.53E-04	4.90E-03	0.00E+00	4.90E-03
3.42E-03	2.24E-04	4.47E-04	4.63E-03	0.00E+00	4.63E-03
3.21E-03	2.10E-04	4.41E-04	4.39E-03	0.00E+00	4.39E-03
3.02E-03	1.97E-04	4.34E-04	4.16E-03	0.00E+00	4.16E-03

2.84E-03	1.85E-04	4.27E-04	3.96E-03	0.00E+00	3.96E-03
2.99E-03	1.96E-04	1.81E-03	6.89E-03	0.00E+00	6.89E-03
3.12E-03	2.05E-04	1.85E-03	7.10E-03	0.00E+00	7.10E-03
3.26E-03	2.14E-04	1.88E-03	7.31E-03	0.00E+00	7.31E-03
3.41E-03	2.24E-04	1.90E-03	7.53E-03	0.00E+00	7.53E-03
3.57E-03	2.35E-04	1.92E-03	7.75E-03	0.00E+00	7.75E-03
3.76E-03	2.47E-04	1.94E-03	7.99E-03	0.00E+00	7.99E-03
3.96E-03	2.61E-04	1.95E-03	8.23E-03	0.00E+00	8.23E-03
4.18E-03	2.75E-04	1.95E-03	8.48E-03	0.00E+00	8.48E-03
4.42E-03	2.92E-04	1.94E-03	8.74E-03	0.00E+00	8.74E-03
4.69E-03	3.10E-04	1.92E-03	9.01E-03	0.00E+00	9.01E-03
5.00E-03	3.31E-04	1.90E-03	9.31E-03	0.00E+00	9.31E-03
5.35E-03	3.55E-04	1.86E-03	9.64E-03	0.00E+00	9.64E-03
5.75E-03	3.83E-04	1.82E-03	1.00E-02	0.00E+00	1.00E-02
6.23E-03	4.16E-04	1.78E-03	1.05E-02	0.00E+00	1.05E-02
6.79E-03	4.55E-04	1.73E-03	1.10E-02	0.00E+00	1.10E-02
7.46E-03	5.03E-04	1.68E-03	1.16E-02	0.00E+00	1.16E-02
8.29E-03	5.62E-04	1.63E-03	1.24E-02	0.00E+00	1.24E-02
9.33E-03	6.37E-04	1.58E-03	1.34E-02	0.00E+00	1.34E-02
1.07E-02	7.35E-04	1.52E-03	1.48E-02	0.00E+00	1.48E-02
1.25E-02	8.70E-04	1.48E-03	1.66E-02	0.00E+00	1.66E-02
1.50E-02	1.07E-03	1.43E-03	1.93E-02	0.00E+00	1.93E-02
1.90E-02	1.40E-03	1.38E-03	2.34E-02	0.00E+00	2.34E-02
1.42E-02	1.02E-03	1.33E-03	1.82E-02	0.00E+00	1.82E-02
1.52E-02	1.10E-03	1.28E-03	1.92E-02	0.00E+00	1.92E-02
1.95E-02	1.44E-03	1.23E-03	2.37E-02	0.00E+00	2.37E-02
2.16E-02	1.57E-03	1.17E-03	2.58E-02	0.00E+00	2.58E-02
2.03E-02	1.46E-03	1.11E-03	2.43E-02	0.00E+00	2.43E-02
2.17E-02	1.56E-03	1.04E-03	2.57E-02	0.00E+00	2.57E-02
1.87E-02	1.33E-03	9.78E-04	2.23E-02	0.00E+00	2.23E-02
2.06E-02	1.50E-03	9.12E-04	2.43E-02	0.00E+00	2.43E-02
2.35E-02	1.74E-03	8.47E-04	2.73E-02	0.00E+00	2.73E-02
2.10E-02	1.51E-03	7.87E-04	2.44E-02	0.00E+00	2.44E-02
1.64E-02	1.15E-03	7.31E-04	1.94E-02	0.00E+00	1.94E-02
1.35E-02	9.30E-04	6.81E-04	1.61E-02	0.00E+00	1.61E-02
1.14E-02	7.77E-04	6.37E-04	1.38E-02	0.00E+00	1.38E-02
9.81E-03	6.65E-04	6.00E-04	1.20E-02	0.00E+00	1.20E-02
8.60E-03	5.79E-04	5.67E-04	1.06E-02	0.00E+00	1.06E-02
7.63E-03	5.12E-04	5.41E-04	9.50E-03	0.00E+00	9.50E-03
6.85E-03	4.58E-04	5.18E-04	8.59E-03	0.00E+00	8.59E-03
6.20E-03	4.13E-04	5.00E-04	7.84E-03	0.00E+00	7.84E-03
5.66E-03	3.76E-04	4.85E-04	7.21E-03	0.00E+00	7.21E-03
5.20E-03	3.44E-04	4.73E-04	6.67E-03	0.00E+00	6.67E-03
4.80E-03	3.17E-04	4.63E-04	6.21E-03	0.00E+00	6.21E-03
4.46E-03	2.94E-04	4.54E-04	5.80E-03	0.00E+00	5.80E-03
4.15E-03	2.73E-04	4.47E-04	5.45E-03	0.00E+00	5.45E-03
3.88E-03	2.55E-04	4.41E-04	5.13E-03	0.00E+00	5.13E-03
3.64E-03	2.38E-04	4.34E-04	4.85E-03	0.00E+00	4.85E-03
3.41E-03	2.23E-04	4.28E-04	4.58E-03	0.00E+00	4.58E-03
3.20E-03	2.09E-04	4.22E-04	4.34E-03	0.00E+00	4.34E-03
3.01E-03	1.96E-04	4.17E-04	4.12E-03	0.00E+00	4.12E-03
2.83E-03	1.85E-04	4.12E-04	3.92E-03	0.00E+00	3.92E-03
2.98E-03	1.95E-04	1.75E-03	6.77E-03	0.00E+00	6.77E-03
3.10E-03	2.04E-04	1.78E-03	6.95E-03	0.00E+00	6.95E-03
3.24E-03	2.13E-04	1.80E-03	7.15E-03	0.00E+00	7.15E-03



3.39E-03	2.23E-04	1.81E-03	7.34E-03	0.00E+00	7.34E-03
3.55E-03	2.34E-04	1.82E-03	7.55E-03	0.00E+00	7.55E-03
3.73E-03	2.46E-04	1.82E-03	7.76E-03	0.00E+00	7.76E-03
3.93E-03	2.59E-04	1.82E-03	7.97E-03	0.00E+00	7.97E-03
4.15E-03	2.73E-04	1.80E-03	8.19E-03	0.00E+00	8.19E-03
4.39E-03	2.89E-04	1.79E-03	8.43E-03	0.00E+00	8.43E-03
4.65E-03	3.07E-04	1.76E-03	8.68E-03	0.00E+00	8.68E-03
4.96E-03	3.28E-04	1.73E-03	8.95E-03	0.00E+00	8.95E-03
5.30E-03	3.52E-04	1.69E-03	9.27E-03	0.00E+00	9.27E-03
5.70E-03	3.79E-04	1.65E-03	9.63E-03	0.00E+00	9.63E-03
6.17E-03	4.12E-04	1.60E-03	1.00E-02	0.00E+00	1.00E-02
6.71E-03	4.50E-04	1.55E-03	1.06E-02	0.00E+00	1.06E-02
7.38E-03	4.97E-04	1.51E-03	1.12E-02	0.00E+00	1.12E-02
8.19E-03	5.54E-04	1.46E-03	1.20E-02	0.00E+00	1.20E-02
9.20E-03	6.27E-04	1.42E-03	1.30E-02	0.00E+00	1.30E-02
1.05E-02	7.22E-04	1.37E-03	1.43E-02	0.00E+00	1.43E-02
1.23E-02	8.53E-04	1.33E-03	1.61E-02	0.00E+00	1.61E-02
1.47E-02	1.04E-03	1.29E-03	1.86E-02	0.00E+00	1.86E-02
1.84E-02	1.34E-03	1.25E-03	2.25E-02	0.00E+00	2.25E-02
1.83E-02	1.35E-03	1.20E-03	2.24E-02	0.00E+00	2.24E-02
1.60E-02	1.16E-03	1.15E-03	1.98E-02	0.00E+00	1.98E-02
1.67E-02	1.20E-03	1.10E-03	2.04E-02	0.00E+00	2.04E-02
2.52E-02	1.87E-03	1.05E-03	2.94E-02	0.00E+00	2.94E-02
2.36E-02	1.75E-03	9.88E-04	2.76E-02	0.00E+00	2.76E-02
2.04E-02	1.49E-03	9.28E-04	2.41E-02	0.00E+00	2.41E-02
1.93E-02	1.40E-03	8.68E-04	2.28E-02	0.00E+00	2.28E-02
2.13E-02	1.56E-03	8.10E-04	2.49E-02	0.00E+00	2.49E-02
1.65E-02	1.16E-03	7.54E-04	1.95E-02	0.00E+00	1.95E-02
1.34E-02	9.25E-04	7.02E-04	1.60E-02	0.00E+00	1.60E-02
1.12E-02	7.67E-04	6.55E-04	1.36E-02	0.00E+00	1.36E-02
9.65E-03	6.54E-04	6.13E-04	1.19E-02	0.00E+00	1.19E-02
8.44E-03	5.69E-04	5.76E-04	1.05E-02	0.00E+00	1.05E-02
7.48E-03	5.02E-04	5.45E-04	9.36E-03	0.00E+00	9.36E-03
6.70E-03	4.48E-04	5.18E-04	8.46E-03	0.00E+00	8.46E-03
6.08E-03	4.05E-04	4.96E-04	7.72E-03	0.00E+00	7.72E-03
5.55E-03	3.68E-04	4.77E-04	7.09E-03	0.00E+00	7.09E-03
5.10E-03	3.37E-04	4.62E-04	6.56E-03	0.00E+00	6.56E-03
4.72E-03	3.11E-04	4.49E-04	6.11E-03	0.00E+00	6.11E-03
4.38E-03	2.89E-04	4.39E-04	5.71E-03	0.00E+00	5.71E-03
4.09E-03	2.69E-04	4.30E-04	5.36E-03	0.00E+00	5.36E-03
3.82E-03	2.51E-04	4.22E-04	5.05E-03	0.00E+00	5.05E-03
3.59E-03	2.35E-04	4.17E-04	4.77E-03	0.00E+00	4.77E-03
3.38E-03	2.21E-04	4.11E-04	4.53E-03	0.00E+00	4.53E-03
3.17E-03	2.07E-04	4.05E-04	4.29E-03	0.00E+00	4.29E-03
2.99E-03	1.95E-04	4.00E-04	4.07E-03	0.00E+00	4.07E-03
2.82E-03	1.84E-04	3.95E-04	3.88E-03	0.00E+00	3.88E-03
2.96E-03	1.94E-04	1.68E-03	6.62E-03	0.00E+00	6.62E-03
3.08E-03	2.02E-04	1.69E-03	6.79E-03	0.00E+00	6.79E-03
3.22E-03	2.12E-04	1.70E-03	6.97E-03	0.00E+00	6.97E-03
3.37E-03	2.21E-04	1.71E-03	7.14E-03	0.00E+00	7.14E-03
3.53E-03	2.32E-04	1.71E-03	7.32E-03	0.00E+00	7.32E-03
3.71E-03	2.44E-04	1.70E-03	7.51E-03	0.00E+00	7.51E-03
3.90E-03	2.57E-04	1.68E-03	7.70E-03	0.00E+00	7.70E-03
4.11E-03	2.71E-04	1.66E-03	7.90E-03	0.00E+00	7.90E-03
4.35E-03	2.87E-04	1.64E-03	8.12E-03	0.00E+00	8.12E-03

4.61E-03	3.05E-04	1.60E-03	8.35E-03	0.00E+00	8.35E-03
4.91E-03	3.25E-04	1.57E-03	8.61E-03	0.00E+00	8.61E-03
5.25E-03	3.49E-04	1.53E-03	8.91E-03	0.00E+00	8.91E-03
5.64E-03	3.76E-04	1.49E-03	9.25E-03	0.00E+00	9.25E-03
6.10E-03	4.07E-04	1.44E-03	9.66E-03	0.00E+00	9.66E-03
6.64E-03	4.45E-04	1.40E-03	1.02E-02	0.00E+00	1.02E-02
7.28E-03	4.90E-04	1.36E-03	1.08E-02	0.00E+00	1.08E-02
8.07E-03	5.46E-04	1.32E-03	1.15E-02	0.00E+00	1.15E-02
9.06E-03	6.17E-04	1.28E-03	1.25E-02	0.00E+00	1.25E-02
1.03E-02	7.10E-04	1.24E-03	1.38E-02	0.00E+00	1.38E-02
1.20E-02	8.35E-04	1.20E-03	1.55E-02	0.00E+00	1.55E-02
1.44E-02	1.02E-03	1.17E-03	1.80E-02	0.00E+00	1.80E-02
1.79E-02	1.30E-03	1.13E-03	2.17E-02	0.00E+00	2.17E-02
1.45E-02	1.04E-03	1.08E-03	1.80E-02	0.00E+00	1.80E-02
1.68E-02	1.22E-03	1.04E-03	2.04E-02	0.00E+00	2.04E-02
1.75E-02	1.29E-03	9.88E-04	2.11E-02	0.00E+00	2.11E-02
2.11E-02	1.57E-03	9.36E-04	2.48E-02	0.00E+00	2.48E-02
2.37E-02	1.78E-03	8.83E-04	2.75E-02	0.00E+00	2.75E-02
2.12E-02	1.56E-03	8.28E-04	2.48E-02	0.00E+00	2.48E-02
1.61E-02	1.14E-03	7.74E-04	1.92E-02	0.00E+00	1.92E-02
1.30E-02	9.02E-04	7.23E-04	1.57E-02	0.00E+00	1.57E-02
1.09E-02	7.44E-04	6.74E-04	1.33E-02	0.00E+00	1.33E-02
9.32E-03	6.33E-04	6.30E-04	1.15E-02	0.00E+00	1.15E-02
8.18E-03	5.51E-04	5.90E-04	1.02E-02	0.00E+00	1.02E-02
7.27E-03	4.88E-04	5.55E-04	9.16E-03	0.00E+00	9.16E-03
6.51E-03	4.35E-04	5.24E-04	8.27E-03	0.00E+00	8.27E-03
5.91E-03	3.93E-04	4.98E-04	7.56E-03	0.00E+00	7.56E-03
5.41E-03	3.59E-04	4.75E-04	6.96E-03	0.00E+00	6.96E-03
4.98E-03	3.29E-04	4.57E-04	6.44E-03	0.00E+00	6.44E-03
4.61E-03	3.04E-04	4.41E-04	5.99E-03	0.00E+00	5.99E-03
4.29E-03	2.82E-04	4.28E-04	5.61E-03	0.00E+00	5.61E-03
4.01E-03	2.63E-04	4.17E-04	5.27E-03	0.00E+00	5.27E-03
3.76E-03	2.46E-04	4.09E-04	4.97E-03	0.00E+00	4.97E-03
3.53E-03	2.31E-04	4.01E-04	4.69E-03	0.00E+00	4.69E-03
3.32E-03	2.17E-04	3.95E-04	4.45E-03	0.00E+00	4.45E-03
3.14E-03	2.05E-04	3.89E-04	4.23E-03	0.00E+00	4.23E-03
2.96E-03	1.93E-04	3.84E-04	4.02E-03	0.00E+00	4.02E-03
2.80E-03	1.82E-04	3.79E-04	3.83E-03	0.00E+00	3.83E-03
3.07E-03	2.01E-04	1.61E-03	6.61E-03	0.00E+00	6.61E-03
3.20E-03	2.10E-04	1.61E-03	6.77E-03	0.00E+00	6.77E-03
3.35E-03	2.20E-04	1.60E-03	6.92E-03	0.00E+00	6.92E-03
3.51E-03	2.31E-04	1.59E-03	7.09E-03	0.00E+00	7.09E-03
3.68E-03	2.42E-04	1.57E-03	7.25E-03	0.00E+00	7.25E-03
3.87E-03	2.55E-04	1.55E-03	7.42E-03	0.00E+00	7.42E-03
4.08E-03	2.69E-04	1.52E-03	7.61E-03	0.00E+00	7.61E-03
4.31E-03	2.85E-04	1.49E-03	7.81E-03	0.00E+00	7.81E-03
4.57E-03	3.02E-04	1.46E-03	8.03E-03	0.00E+00	8.03E-03
4.86E-03	3.22E-04	1.42E-03	8.27E-03	0.00E+00	8.27E-03
5.19E-03	3.45E-04	1.38E-03	8.56E-03	0.00E+00	8.56E-03
5.58E-03	3.71E-04	1.34E-03	8.90E-03	0.00E+00	8.90E-03
6.02E-03	4.02E-04	1.30E-03	9.30E-03	0.00E+00	9.30E-03
6.54E-03	4.38E-04	1.27E-03	9.78E-03	0.00E+00	9.78E-03
7.17E-03	4.82E-04	1.23E-03	1.04E-02	0.00E+00	1.04E-02
7.93E-03	5.37E-04	1.20E-03	1.11E-02	0.00E+00	1.11E-02
8.88E-03	6.05E-04	1.16E-03	1.21E-02	0.00E+00	1.21E-02

1.01E-02	6.93E-04	1.13E-03	1.33E-02	0.00E+00	1.33E-02
1.17E-02	8.12E-04	1.10E-03	1.50E-02	0.00E+00	1.50E-02
1.39E-02	9.83E-04	1.06E-03	1.73E-02	0.00E+00	1.73E-02
1.72E-02	1.25E-03	1.02E-03	2.08E-02	0.00E+00	2.08E-02
1.77E-02	1.30E-03	9.80E-04	2.12E-02	0.00E+00	2.12E-02
1.60E-02	1.17E-03	9.35E-04	1.93E-02	0.00E+00	1.93E-02
1.50E-02	1.09E-03	8.88E-04	1.82E-02	0.00E+00	1.82E-02
1.96E-02	1.46E-03	8.40E-04	2.31E-02	0.00E+00	2.31E-02
1.50E-02	1.07E-03	7.91E-04	1.80E-02	0.00E+00	1.80E-02
1.22E-02	8.49E-04	7.41E-04	1.48E-02	0.00E+00	1.48E-02
1.03E-02	7.04E-04	6.93E-04	1.27E-02	0.00E+00	1.27E-02
8.85E-03	6.02E-04	6.49E-04	1.11E-02	0.00E+00	1.11E-02
7.80E-03	5.27E-04	6.07E-04	9.84E-03	0.00E+00	9.84E-03
6.97E-03	4.68E-04	5.69E-04	8.87E-03	0.00E+00	8.87E-03
6.28E-03	4.20E-04	5.35E-04	8.05E-03	0.00E+00	8.05E-03
5.71E-03	3.80E-04	5.05E-04	7.36E-03	0.00E+00	7.36E-03
5.24E-03	3.48E-04	4.80E-04	6.80E-03	0.00E+00	6.80E-03
4.85E-03	3.21E-04	4.58E-04	6.31E-03	0.00E+00	6.31E-03
4.49E-03	2.96E-04	4.38E-04	5.88E-03	0.00E+00	5.88E-03
4.18E-03	2.75E-04	4.22E-04	5.50E-03	0.00E+00	5.50E-03
3.91E-03	2.57E-04	4.09E-04	5.17E-03	0.00E+00	5.17E-03
3.68E-03	2.41E-04	3.98E-04	4.88E-03	0.00E+00	4.88E-03
3.46E-03	2.27E-04	3.89E-04	4.61E-03	0.00E+00	4.61E-03
3.26E-03	2.13E-04	3.81E-04	4.37E-03	0.00E+00	4.37E-03
3.09E-03	2.02E-04	3.75E-04	4.15E-03	0.00E+00	4.15E-03
2.92E-03	1.90E-04	3.69E-04	3.95E-03	0.00E+00	3.95E-03
2.77E-03	1.80E-04	3.64E-04	3.77E-03	0.00E+00	3.77E-03
3.18E-03	2.09E-04	1.50E-03	6.56E-03	0.00E+00	6.56E-03
3.32E-03	2.19E-04	1.49E-03	6.70E-03	0.00E+00	6.70E-03
3.48E-03	2.29E-04	1.47E-03	6.84E-03	0.00E+00	6.84E-03
3.65E-03	2.40E-04	1.45E-03	6.99E-03	0.00E+00	6.99E-03
3.84E-03	2.53E-04	1.42E-03	7.15E-03	0.00E+00	7.15E-03
4.04E-03	2.67E-04	1.39E-03	7.32E-03	0.00E+00	7.32E-03
4.27E-03	2.82E-04	1.36E-03	7.50E-03	0.00E+00	7.50E-03
4.52E-03	2.99E-04	1.33E-03	7.71E-03	0.00E+00	7.71E-03
4.80E-03	3.18E-04	1.29E-03	7.95E-03	0.00E+00	7.95E-03
5.12E-03	3.40E-04	1.25E-03	8.22E-03	0.00E+00	8.22E-03
5.49E-03	3.65E-04	1.22E-03	8.55E-03	0.00E+00	8.55E-03
5.91E-03	3.95E-04	1.18E-03	8.93E-03	0.00E+00	8.93E-03
6.41E-03	4.30E-04	1.15E-03	9.40E-03	0.00E+00	9.40E-03
7.00E-03	4.72E-04	1.12E-03	9.97E-03	0.00E+00	9.97E-03
7.72E-03	5.22E-04	1.09E-03	1.07E-02	0.00E+00	1.07E-02
8.59E-03	5.85E-04	1.06E-03	1.15E-02	0.00E+00	1.15E-02
9.69E-03	6.65E-04	1.03E-03	1.27E-02	0.00E+00	1.27E-02
1.11E-02	7.69E-04	9.98E-04	1.41E-02	0.00E+00	1.41E-02
1.29E-02	9.08E-04	9.64E-04	1.60E-02	0.00E+00	1.60E-02
1.51E-02	1.09E-03	9.27E-04	1.83E-02	0.00E+00	1.83E-02
1.68E-02	1.24E-03	8.86E-04	2.01E-02	0.00E+00	2.01E-02
1.54E-02	1.12E-03	8.44E-04	1.84E-02	0.00E+00	1.84E-02
1.28E-02	9.11E-04	8.00E-04	1.56E-02	0.00E+00	1.56E-02
1.09E-02	7.61E-04	7.56E-04	1.35E-02	0.00E+00	1.35E-02
9.40E-03	6.46E-04	7.10E-04	1.17E-02	0.00E+00	1.17E-02
8.23E-03	5.60E-04	6.66E-04	1.04E-02	0.00E+00	1.04E-02
7.32E-03	4.95E-04	6.24E-04	9.35E-03	0.00E+00	9.35E-03
6.60E-03	4.43E-04	5.86E-04	8.50E-03	0.00E+00	8.50E-03

6.00E-03	4.01E-04	5.50E-04	7.77E-03	0.00E+00	7.77E-03
5.48E-03	3.65E-04	5.17E-04	7.14E-03	0.00E+00	7.14E-03
5.05E-03	3.35E-04	4.88E-04	6.61E-03	0.00E+00	6.61E-03
4.68E-03	3.10E-04	4.63E-04	6.16E-03	0.00E+00	6.16E-03
4.36E-03	2.88E-04	4.41E-04	5.75E-03	0.00E+00	5.75E-03
4.07E-03	2.68E-04	4.22E-04	5.39E-03	0.00E+00	5.39E-03
3.82E-03	2.51E-04	4.06E-04	5.07E-03	0.00E+00	5.07E-03
3.59E-03	2.35E-04	3.92E-04	4.78E-03	0.00E+00	4.78E-03
3.38E-03	2.22E-04	3.81E-04	4.53E-03	0.00E+00	4.53E-03
3.20E-03	2.09E-04	3.72E-04	4.30E-03	0.00E+00	4.30E-03
3.03E-03	1.98E-04	3.64E-04	4.09E-03	0.00E+00	4.09E-03
2.87E-03	1.88E-04	3.57E-04	3.89E-03	0.00E+00	3.89E-03
2.73E-03	1.78E-04	3.51E-04	3.72E-03	0.00E+00	3.72E-03
3.15E-03	2.07E-04	1.40E-03	6.34E-03	0.00E+00	6.34E-03
3.29E-03	2.17E-04	1.38E-03	6.46E-03	0.00E+00	6.46E-03
3.45E-03	2.27E-04	1.36E-03	6.59E-03	0.00E+00	6.59E-03
3.61E-03	2.38E-04	1.33E-03	6.72E-03	0.00E+00	6.72E-03
3.79E-03	2.50E-04	1.30E-03	6.87E-03	0.00E+00	6.87E-03
3.99E-03	2.64E-04	1.27E-03	7.03E-03	0.00E+00	7.03E-03
4.21E-03	2.78E-04	1.24E-03	7.20E-03	0.00E+00	7.20E-03
4.45E-03	2.94E-04	1.21E-03	7.40E-03	0.00E+00	7.40E-03
4.72E-03	3.13E-04	1.17E-03	7.62E-03	0.00E+00	7.62E-03
5.02E-03	3.34E-04	1.14E-03	7.88E-03	0.00E+00	7.88E-03
5.37E-03	3.58E-04	1.11E-03	8.19E-03	0.00E+00	8.19E-03
5.76E-03	3.85E-04	1.08E-03	8.55E-03	0.00E+00	8.55E-03
6.22E-03	4.17E-04	1.05E-03	8.98E-03	0.00E+00	8.98E-03
6.75E-03	4.54E-04	1.03E-03	9.49E-03	0.00E+00	9.49E-03
7.37E-03	4.98E-04	9.99E-04	1.01E-02	0.00E+00	1.01E-02
8.10E-03	5.50E-04	9.71E-04	1.08E-02	0.00E+00	1.08E-02
8.94E-03	6.11E-04	9.42E-04	1.17E-02	0.00E+00	1.17E-02
9.82E-03	6.77E-04	9.11E-04	1.25E-02	0.00E+00	1.25E-02
1.06E-02	7.36E-04	8.77E-04	1.33E-02	0.00E+00	1.33E-02
1.09E-02	7.60E-04	8.42E-04	1.35E-02	0.00E+00	1.35E-02
1.03E-02	7.21E-04	8.03E-04	1.29E-02	0.00E+00	1.29E-02
9.36E-03	6.47E-04	7.63E-04	1.18E-02	0.00E+00	1.18E-02
8.37E-03	5.74E-04	7.22E-04	1.07E-02	0.00E+00	1.07E-02
7.53E-03	5.12E-04	6.81E-04	9.67E-03	0.00E+00	9.67E-03
6.80E-03	4.59E-04	6.41E-04	8.81E-03	0.00E+00	8.81E-03
6.18E-03	4.16E-04	6.02E-04	8.07E-03	0.00E+00	8.07E-03
5.65E-03	3.79E-04	5.65E-04	7.43E-03	0.00E+00	7.43E-03
5.21E-03	3.48E-04	5.31E-04	6.88E-03	0.00E+00	6.88E-03
4.83E-03	3.21E-04	5.00E-04	6.40E-03	0.00E+00	6.40E-03
4.50E-03	2.98E-04	4.72E-04	5.98E-03	0.00E+00	5.98E-03
4.21E-03	2.78E-04	4.48E-04	5.61E-03	0.00E+00	5.61E-03
3.95E-03	2.60E-04	4.26E-04	5.28E-03	0.00E+00	5.28E-03
3.70E-03	2.44E-04	4.07E-04	4.96E-03	0.00E+00	4.96E-03
3.49E-03	2.29E-04	3.91E-04	4.69E-03	0.00E+00	4.69E-03
3.30E-03	2.16E-04	3.77E-04	4.44E-03	0.00E+00	4.44E-03
3.13E-03	2.05E-04	3.66E-04	4.22E-03	0.00E+00	4.22E-03
2.97E-03	1.94E-04	3.56E-04	4.02E-03	0.00E+00	4.02E-03
2.82E-03	1.84E-04	3.48E-04	3.83E-03	0.00E+00	3.83E-03
3.26E-03	2.14E-04	1.27E-03	6.22E-03	0.00E+00	6.22E-03
3.40E-03	2.24E-04	1.25E-03	6.33E-03	0.00E+00	6.33E-03
3.56E-03	2.35E-04	1.22E-03	6.46E-03	0.00E+00	6.46E-03
3.74E-03	2.47E-04	1.19E-03	6.59E-03	0.00E+00	6.59E-03

3.92E-03	2.59E-04	1.16E-03	6.74E-03	0.00E+00	6.74E-03
4.13E-03	2.73E-04	1.13E-03	6.90E-03	0.00E+00	6.90E-03
4.36E-03	2.88E-04	1.10E-03	7.08E-03	0.00E+00	7.08E-03
4.60E-03	3.05E-04	1.07E-03	7.29E-03	0.00E+00	7.29E-03
4.88E-03	3.24E-04	1.04E-03	7.53E-03	0.00E+00	7.53E-03
5.19E-03	3.46E-04	1.02E-03	7.81E-03	0.00E+00	7.81E-03
5.54E-03	3.70E-04	9.91E-04	8.12E-03	0.00E+00	8.12E-03
5.93E-03	3.97E-04	9.67E-04	8.48E-03	0.00E+00	8.48E-03
6.36E-03	4.27E-04	9.42E-04	8.89E-03	0.00E+00	8.89E-03
6.83E-03	4.61E-04	9.18E-04	9.34E-03	0.00E+00	9.34E-03
7.30E-03	4.94E-04	8.91E-04	9.79E-03	0.00E+00	9.79E-03
7.73E-03	5.25E-04	8.63E-04	1.02E-02	0.00E+00	1.02E-02
8.00E-03	5.45E-04	8.32E-04	1.04E-02	0.00E+00	1.04E-02
8.04E-03	5.49E-04	8.00E-04	1.04E-02	0.00E+00	1.04E-02
7.77E-03	5.30E-04	7.65E-04	1.01E-02	0.00E+00	1.01E-02
7.30E-03	4.96E-04	7.29E-04	9.50E-03	0.00E+00	9.50E-03
6.76E-03	4.58E-04	6.92E-04	8.85E-03	0.00E+00	8.85E-03
6.21E-03	4.19E-04	6.54E-04	8.19E-03	0.00E+00	8.19E-03
5.74E-03	3.86E-04	6.16E-04	7.61E-03	0.00E+00	7.61E-03
5.31E-03	3.56E-04	5.81E-04	7.08E-03	0.00E+00	7.08E-03
4.93E-03	3.29E-04	5.46E-04	6.60E-03	0.00E+00	6.60E-03
4.60E-03	3.06E-04	5.13E-04	6.18E-03	0.00E+00	6.18E-03
4.31E-03	2.85E-04	4.84E-04	5.80E-03	0.00E+00	5.80E-03
4.04E-03	2.67E-04	4.57E-04	5.45E-03	0.00E+00	5.45E-03
3.80E-03	2.51E-04	4.33E-04	5.14E-03	0.00E+00	5.14E-03
3.59E-03	2.36E-04	4.12E-04	4.86E-03	0.00E+00	4.86E-03
3.39E-03	2.23E-04	3.93E-04	4.60E-03	0.00E+00	4.60E-03
3.21E-03	2.11E-04	3.77E-04	4.36E-03	0.00E+00	4.36E-03
3.05E-03	2.00E-04	3.63E-04	4.14E-03	0.00E+00	4.14E-03
2.90E-03	1.90E-04	3.51E-04	3.95E-03	0.00E+00	3.95E-03
3.35E-03	2.21E-04	1.15E-03	6.08E-03	0.00E+00	6.08E-03
3.50E-03	2.31E-04	1.12E-03	6.19E-03	0.00E+00	6.19E-03
3.66E-03	2.42E-04	1.09E-03	6.31E-03	0.00E+00	6.31E-03
3.84E-03	2.54E-04	1.06E-03	6.44E-03	0.00E+00	6.44E-03
4.03E-03	2.66E-04	1.04E-03	6.59E-03	0.00E+00	6.59E-03
4.23E-03	2.80E-04	1.01E-03	6.75E-03	0.00E+00	6.75E-03
4.45E-03	2.95E-04	9.83E-04	6.94E-03	0.00E+00	6.94E-03
4.69E-03	3.12E-04	9.59E-04	7.14E-03	0.00E+00	7.14E-03
4.95E-03	3.29E-04	9.35E-04	7.37E-03	0.00E+00	7.37E-03
5.23E-03	3.49E-04	9.13E-04	7.62E-03	0.00E+00	7.62E-03
5.53E-03	3.69E-04	8.91E-04	7.89E-03	0.00E+00	7.89E-03
5.83E-03	3.90E-04	8.68E-04	8.16E-03	0.00E+00	8.16E-03
6.09E-03	4.09E-04	8.44E-04	8.39E-03	0.00E+00	8.39E-03
6.27E-03	4.22E-04	8.18E-04	8.54E-03	0.00E+00	8.54E-03
6.40E-03	4.31E-04	7.91E-04	8.62E-03	0.00E+00	8.62E-03
6.37E-03	4.29E-04	7.61E-04	8.53E-03	0.00E+00	8.53E-03
6.20E-03	4.18E-04	7.29E-04	8.30E-03	0.00E+00	8.30E-03
5.93E-03	3.99E-04	6.96E-04	7.95E-03	0.00E+00	7.95E-03
5.62E-03	3.77E-04	6.62E-04	7.55E-03	0.00E+00	7.55E-03
5.27E-03	3.53E-04	6.28E-04	7.12E-03	0.00E+00	7.12E-03
4.94E-03	3.30E-04	5.93E-04	6.69E-03	0.00E+00	6.69E-03
4.63E-03	3.09E-04	5.59E-04	6.30E-03	0.00E+00	6.30E-03
4.35E-03	2.89E-04	5.27E-04	5.94E-03	0.00E+00	5.94E-03
4.09E-03	2.71E-04	4.97E-04	5.59E-03	0.00E+00	5.59E-03
3.87E-03	2.56E-04	4.68E-04	5.29E-03	0.00E+00	5.29E-03

3.65E-03	2.41E-04	4.43E-04	5.00E-03	0.00E+00	5.00E-03
3.46E-03	2.28E-04	4.19E-04	4.74E-03	0.00E+00	4.74E-03
3.29E-03	2.16E-04	3.99E-04	4.50E-03	0.00E+00	4.50E-03
3.12E-03	2.05E-04	3.80E-04	4.28E-03	0.00E+00	4.28E-03
2.97E-03	1.95E-04	3.64E-04	4.07E-03	0.00E+00	4.07E-03
3.42E-03	2.26E-04	1.03E-03	5.92E-03	0.00E+00	5.92E-03
3.57E-03	2.36E-04	1.00E-03	6.02E-03	0.00E+00	6.02E-03
3.72E-03	2.46E-04	9.76E-04	6.14E-03	0.00E+00	6.14E-03
3.89E-03	2.57E-04	9.51E-04	6.27E-03	0.00E+00	6.27E-03
4.06E-03	2.69E-04	9.27E-04	6.40E-03	0.00E+00	6.40E-03
4.25E-03	2.81E-04	9.05E-04	6.55E-03	0.00E+00	6.55E-03
4.44E-03	2.95E-04	8.84E-04	6.71E-03	0.00E+00	6.71E-03
4.64E-03	3.08E-04	8.64E-04	6.88E-03	0.00E+00	6.88E-03
4.85E-03	3.22E-04	8.44E-04	7.05E-03	0.00E+00	7.05E-03
5.03E-03	3.35E-04	8.23E-04	7.20E-03	0.00E+00	7.20E-03
5.16E-03	3.44E-04	8.01E-04	7.30E-03	0.00E+00	7.30E-03
5.27E-03	3.51E-04	7.77E-04	7.37E-03	0.00E+00	7.37E-03
5.31E-03	3.54E-04	7.52E-04	7.36E-03	0.00E+00	7.36E-03
5.27E-03	3.52E-04	7.25E-04	7.28E-03	0.00E+00	7.28E-03
5.17E-03	3.45E-04	6.96E-04	7.11E-03	0.00E+00	7.11E-03
4.99E-03	3.33E-04	6.66E-04	6.87E-03	0.00E+00	6.87E-03
4.78E-03	3.18E-04	6.35E-04	6.58E-03	0.00E+00	6.58E-03
4.54E-03	3.02E-04	6.03E-04	6.27E-03	0.00E+00	6.27E-03
4.31E-03	2.87E-04	5.71E-04	5.97E-03	0.00E+00	5.97E-03
4.09E-03	2.71E-04	5.40E-04	5.66E-03	0.00E+00	5.66E-03
3.88E-03	2.57E-04	5.10E-04	5.38E-03	0.00E+00	5.38E-03
3.69E-03	2.44E-04	4.81E-04	5.11E-03	0.00E+00	5.11E-03
3.50E-03	2.31E-04	4.54E-04	4.86E-03	0.00E+00	4.86E-03
3.33E-03	2.19E-04	4.30E-04	4.62E-03	0.00E+00	4.62E-03
3.17E-03	2.08E-04	4.07E-04	4.40E-03	0.00E+00	4.40E-03
3.02E-03	1.98E-04	3.87E-04	4.19E-03	0.00E+00	4.19E-03
3.58E-03	2.37E-04	8.99E-04	5.82E-03	0.00E+00	5.82E-03
3.72E-03	2.46E-04	8.77E-04	5.92E-03	0.00E+00	5.92E-03
3.86E-03	2.55E-04	8.57E-04	6.03E-03	0.00E+00	6.03E-03
4.01E-03	2.65E-04	8.38E-04	6.14E-03	0.00E+00	6.14E-03
4.15E-03	2.75E-04	8.19E-04	6.25E-03	0.00E+00	6.25E-03
4.28E-03	2.83E-04	8.00E-04	6.35E-03	0.00E+00	6.35E-03
4.39E-03	2.91E-04	7.81E-04	6.43E-03	0.00E+00	6.43E-03
4.47E-03	2.96E-04	7.60E-04	6.47E-03	0.00E+00	6.47E-03
4.52E-03	3.00E-04	7.39E-04	6.49E-03	0.00E+00	6.49E-03
4.53E-03	3.00E-04	7.16E-04	6.45E-03	0.00E+00	6.45E-03
4.49E-03	2.98E-04	6.92E-04	6.37E-03	0.00E+00	6.37E-03
4.42E-03	2.93E-04	6.65E-04	6.24E-03	0.00E+00	6.24E-03
4.30E-03	2.85E-04	6.38E-04	6.06E-03	0.00E+00	6.06E-03
4.14E-03	2.75E-04	6.09E-04	5.84E-03	0.00E+00	5.84E-03
3.97E-03	2.63E-04	5.79E-04	5.60E-03	0.00E+00	5.60E-03
3.81E-03	2.52E-04	5.51E-04	5.37E-03	0.00E+00	5.37E-03
3.65E-03	2.41E-04	5.21E-04	5.14E-03	0.00E+00	5.14E-03
3.49E-03	2.30E-04	4.93E-04	4.92E-03	0.00E+00	4.92E-03
3.33E-03	2.20E-04	4.66E-04	4.70E-03	0.00E+00	4.70E-03
3.87E-03	2.56E-04	7.42E-04	5.79E-03	0.00E+00	5.79E-03
3.92E-03	2.59E-04	7.24E-04	5.81E-03	0.00E+00	5.81E-03
3.95E-03	2.61E-04	7.04E-04	5.79E-03	0.00E+00	5.79E-03
3.94E-03	2.60E-04	6.83E-04	5.74E-03	0.00E+00	5.74E-03
3.91E-03	2.58E-04	6.60E-04	5.67E-03	0.00E+00	5.67E-03

3.85E-03	2.55E-04	6.37E-04	5.57E-03	0.00E+00	5.57E-03
3.76E-03	2.48E-04	6.11E-04	5.42E-03	0.00E+00	5.42E-03
3.65E-03	2.41E-04	5.84E-04	5.26E-03	0.00E+00	5.26E-03
3.92E-04	2.52E-05	1.79E-04	8.36E-04	0.00E+00	8.36E-04
4.03E-04	2.59E-05	1.84E-04	8.58E-04	0.00E+00	8.58E-04
4.14E-04	2.66E-05	1.89E-04	8.81E-04	0.00E+00	8.81E-04
4.26E-04	2.74E-05	1.94E-04	9.06E-04	0.00E+00	9.06E-04
4.39E-04	2.82E-05	1.99E-04	9.31E-04	0.00E+00	9.31E-04
3.96E-04	2.55E-05	1.86E-04	8.54E-04	0.00E+00	8.54E-04
4.08E-04	2.62E-05	1.91E-04	8.78E-04	0.00E+00	8.78E-04
4.19E-04	2.69E-05	1.96E-04	9.02E-04	0.00E+00	9.02E-04
4.31E-04	2.77E-05	2.01E-04	9.27E-04	0.00E+00	9.27E-04
4.44E-04	2.86E-05	2.07E-04	9.54E-04	0.00E+00	9.54E-04
4.58E-04	2.95E-05	2.12E-04	9.82E-04	0.00E+00	9.82E-04
4.01E-04	2.58E-05	1.92E-04	8.74E-04	0.00E+00	8.74E-04
4.12E-04	2.65E-05	1.97E-04	8.98E-04	0.00E+00	8.98E-04
4.24E-04	2.73E-05	2.03E-04	9.23E-04	0.00E+00	9.23E-04
4.37E-04	2.81E-05	2.08E-04	9.49E-04	0.00E+00	9.49E-04
4.50E-04	2.89E-05	2.14E-04	9.76E-04	0.00E+00	9.76E-04
4.64E-04	2.98E-05	2.20E-04	1.01E-03	0.00E+00	1.01E-03
4.79E-04	3.08E-05	2.27E-04	1.04E-03	0.00E+00	1.04E-03
4.06E-04	2.61E-05	1.99E-04	8.94E-04	0.00E+00	8.94E-04
4.17E-04	2.68E-05	2.05E-04	9.18E-04	0.00E+00	9.18E-04
4.29E-04	2.76E-05	2.10E-04	9.44E-04	0.00E+00	9.44E-04
4.42E-04	2.84E-05	2.16E-04	9.71E-04	0.00E+00	9.71E-04
4.56E-04	2.93E-05	2.22E-04	1.00E-03	0.00E+00	1.00E-03
4.70E-04	3.02E-05	2.29E-04	1.03E-03	0.00E+00	1.03E-03
4.85E-04	3.12E-05	2.35E-04	1.06E-03	0.00E+00	1.06E-03
5.01E-04	3.22E-05	2.42E-04	1.09E-03	0.00E+00	1.09E-03
5.18E-04	3.33E-05	2.49E-04	1.13E-03	0.00E+00	1.13E-03
4.10E-04	2.64E-05	2.06E-04	9.13E-04	0.00E+00	9.13E-04
4.22E-04	2.71E-05	2.12E-04	9.39E-04	0.00E+00	9.39E-04
4.35E-04	2.79E-05	2.18E-04	9.66E-04	0.00E+00	9.66E-04
4.48E-04	2.88E-05	2.23E-04	9.93E-04	0.00E+00	9.93E-04
4.62E-04	2.97E-05	2.30E-04	1.02E-03	0.00E+00	1.02E-03
4.76E-04	3.06E-05	2.37E-04	1.05E-03	0.00E+00	1.05E-03
4.92E-04	3.16E-05	2.44E-04	1.09E-03	0.00E+00	1.09E-03
5.08E-04	3.27E-05	2.51E-04	1.12E-03	0.00E+00	1.12E-03
5.25E-04	3.38E-05	2.59E-04	1.16E-03	0.00E+00	1.16E-03
5.43E-04	3.50E-05	2.67E-04	1.19E-03	0.00E+00	1.19E-03
4.15E-04	2.66E-05	2.13E-04	9.33E-04	0.00E+00	9.33E-04
4.27E-04	2.74E-05	2.19E-04	9.60E-04	0.00E+00	9.60E-04
4.40E-04	2.83E-05	2.25E-04	9.88E-04	0.00E+00	9.88E-04
4.53E-04	2.91E-05	2.32E-04	1.02E-03	0.00E+00	1.02E-03
4.67E-04	3.00E-05	2.38E-04	1.05E-03	0.00E+00	1.05E-03
4.82E-04	3.10E-05	2.45E-04	1.08E-03	0.00E+00	1.08E-03
4.98E-04	3.20E-05	2.53E-04	1.11E-03	0.00E+00	1.11E-03
5.15E-04	3.31E-05	2.60E-04	1.15E-03	0.00E+00	1.15E-03
5.32E-04	3.42E-05	2.68E-04	1.18E-03	0.00E+00	1.18E-03
5.51E-04	3.54E-05	2.77E-04	1.22E-03	0.00E+00	1.22E-03
5.71E-04	3.67E-05	2.85E-04	1.26E-03	0.00E+00	1.26E-03
4.20E-04	2.70E-05	2.20E-04	9.54E-04	0.00E+00	9.54E-04
4.32E-04	2.77E-05	2.26E-04	9.81E-04	0.00E+00	9.81E-04
4.45E-04	2.86E-05	2.33E-04	1.01E-03	0.00E+00	1.01E-03
4.58E-04	2.95E-05	2.39E-04	1.04E-03	0.00E+00	1.04E-03

4.73E-04	3.04E-05	2.46E-04	1.07E-03	0.00E+00	1.07E-03
4.88E-04	3.14E-05	2.54E-04	1.10E-03	0.00E+00	1.10E-03
5.04E-04	3.24E-05	2.61E-04	1.14E-03	0.00E+00	1.14E-03
5.21E-04	3.35E-05	2.69E-04	1.17E-03	0.00E+00	1.17E-03
5.39E-04	3.47E-05	2.78E-04	1.21E-03	0.00E+00	1.21E-03
5.59E-04	3.59E-05	2.87E-04	1.25E-03	0.00E+00	1.25E-03
5.79E-04	3.73E-05	2.96E-04	1.29E-03	0.00E+00	1.29E-03
6.01E-04	3.87E-05	3.06E-04	1.34E-03	0.00E+00	1.34E-03
4.24E-04	2.73E-05	2.27E-04	9.74E-04	0.00E+00	9.74E-04
4.37E-04	2.81E-05	2.34E-04	1.00E-03	0.00E+00	1.00E-03
4.50E-04	2.89E-05	2.40E-04	1.03E-03	0.00E+00	1.03E-03
4.64E-04	2.98E-05	2.47E-04	1.06E-03	0.00E+00	1.06E-03
4.79E-04	3.08E-05	2.55E-04	1.09E-03	0.00E+00	1.09E-03
4.94E-04	3.18E-05	2.62E-04	1.13E-03	0.00E+00	1.13E-03
5.10E-04	3.28E-05	2.70E-04	1.16E-03	0.00E+00	1.16E-03
5.28E-04	3.40E-05	2.79E-04	1.20E-03	0.00E+00	1.20E-03
5.46E-04	3.52E-05	2.87E-04	1.24E-03	0.00E+00	1.24E-03
5.66E-04	3.64E-05	2.96E-04	1.28E-03	0.00E+00	1.28E-03
5.87E-04	3.78E-05	3.06E-04	1.32E-03	0.00E+00	1.32E-03
6.09E-04	3.92E-05	3.16E-04	1.37E-03	0.00E+00	1.37E-03
6.33E-04	4.08E-05	3.27E-04	1.42E-03	0.00E+00	1.42E-03
6.58E-04	4.24E-05	3.38E-04	1.47E-03	0.00E+00	1.47E-03
4.29E-04	2.76E-05	2.34E-04	9.95E-04	0.00E+00	9.95E-04
4.42E-04	2.84E-05	2.41E-04	1.02E-03	0.00E+00	1.02E-03
4.55E-04	2.93E-05	2.48E-04	1.05E-03	0.00E+00	1.05E-03
4.69E-04	3.02E-05	2.55E-04	1.08E-03	0.00E+00	1.08E-03
4.84E-04	3.11E-05	2.63E-04	1.12E-03	0.00E+00	1.12E-03
5.00E-04	3.22E-05	2.71E-04	1.15E-03	0.00E+00	1.15E-03
5.17E-04	3.33E-05	2.79E-04	1.19E-03	0.00E+00	1.19E-03
5.34E-04	3.44E-05	2.88E-04	1.23E-03	0.00E+00	1.23E-03
5.53E-04	3.56E-05	2.97E-04	1.27E-03	0.00E+00	1.27E-03
5.73E-04	3.69E-05	3.07E-04	1.31E-03	0.00E+00	1.31E-03
5.94E-04	3.83E-05	3.17E-04	1.35E-03	0.00E+00	1.35E-03
6.17E-04	3.98E-05	3.27E-04	1.40E-03	0.00E+00	1.40E-03
6.41E-04	4.13E-05	3.38E-04	1.45E-03	0.00E+00	1.45E-03
6.67E-04	4.30E-05	3.50E-04	1.50E-03	0.00E+00	1.50E-03
6.95E-04	4.48E-05	3.62E-04	1.56E-03	0.00E+00	1.56E-03
4.34E-04	2.79E-05	2.41E-04	1.01E-03	0.00E+00	1.01E-03
4.47E-04	2.87E-05	2.48E-04	1.04E-03	0.00E+00	1.04E-03
4.60E-04	2.96E-05	2.56E-04	1.08E-03	0.00E+00	1.08E-03
4.75E-04	3.05E-05	2.64E-04	1.11E-03	0.00E+00	1.11E-03
4.90E-04	3.15E-05	2.71E-04	1.14E-03	0.00E+00	1.14E-03
5.06E-04	3.26E-05	2.80E-04	1.18E-03	0.00E+00	1.18E-03
5.23E-04	3.37E-05	2.88E-04	1.21E-03	0.00E+00	1.21E-03
5.41E-04	3.48E-05	2.97E-04	1.25E-03	0.00E+00	1.25E-03
5.60E-04	3.61E-05	3.06E-04	1.29E-03	0.00E+00	1.29E-03
5.80E-04	3.74E-05	3.16E-04	1.34E-03	0.00E+00	1.34E-03
6.02E-04	3.88E-05	3.27E-04	1.38E-03	0.00E+00	1.38E-03
6.25E-04	4.03E-05	3.38E-04	1.43E-03	0.00E+00	1.43E-03
6.49E-04	4.19E-05	3.49E-04	1.48E-03	0.00E+00	1.48E-03
6.75E-04	4.36E-05	3.61E-04	1.54E-03	0.00E+00	1.54E-03
7.03E-04	4.54E-05	3.74E-04	1.60E-03	0.00E+00	1.60E-03
7.33E-04	4.74E-05	3.87E-04	1.66E-03	0.00E+00	1.66E-03
4.38E-04	2.82E-05	2.49E-04	1.04E-03	0.00E+00	1.04E-03
4.51E-04	2.90E-05	2.56E-04	1.07E-03	0.00E+00	1.07E-03



4.65E-04	2.99E-05	2.64E-04	1.10E-03	0.00E+00	1.10E-03
4.80E-04	3.09E-05	2.71E-04	1.13E-03	0.00E+00	1.13E-03
4.95E-04	3.19E-05	2.79E-04	1.16E-03	0.00E+00	1.16E-03
5.11E-04	3.29E-05	2.88E-04	1.20E-03	0.00E+00	1.20E-03
5.29E-04	3.41E-05	2.97E-04	1.24E-03	0.00E+00	1.24E-03
5.47E-04	3.52E-05	3.07E-04	1.28E-03	0.00E+00	1.28E-03
5.66E-04	3.65E-05	3.16E-04	1.32E-03	0.00E+00	1.32E-03
5.87E-04	3.78E-05	3.27E-04	1.37E-03	0.00E+00	1.37E-03
6.09E-04	3.93E-05	3.37E-04	1.41E-03	0.00E+00	1.41E-03
6.32E-04	4.08E-05	3.49E-04	1.46E-03	0.00E+00	1.46E-03
6.57E-04	4.24E-05	3.60E-04	1.51E-03	0.00E+00	1.51E-03
6.83E-04	4.41E-05	3.73E-04	1.57E-03	0.00E+00	1.57E-03
7.12E-04	4.60E-05	3.86E-04	1.63E-03	0.00E+00	1.63E-03
7.42E-04	4.80E-05	3.99E-04	1.69E-03	0.00E+00	1.69E-03
7.75E-04	5.02E-05	4.14E-04	1.76E-03	0.00E+00	1.76E-03
4.42E-04	2.85E-05	2.56E-04	1.05E-03	0.00E+00	1.05E-03
4.56E-04	2.94E-05	2.63E-04	1.09E-03	0.00E+00	1.09E-03
4.70E-04	3.03E-05	2.71E-04	1.12E-03	0.00E+00	1.12E-03
4.85E-04	3.12E-05	2.79E-04	1.15E-03	0.00E+00	1.15E-03
5.00E-04	3.22E-05	2.88E-04	1.19E-03	0.00E+00	1.19E-03
5.17E-04	3.33E-05	2.97E-04	1.22E-03	0.00E+00	1.22E-03
5.34E-04	3.44E-05	3.06E-04	1.26E-03	0.00E+00	1.26E-03
5.53E-04	3.57E-05	3.15E-04	1.30E-03	0.00E+00	1.30E-03
5.72E-04	3.69E-05	3.26E-04	1.35E-03	0.00E+00	1.35E-03
5.93E-04	3.83E-05	3.36E-04	1.39E-03	0.00E+00	1.39E-03
6.15E-04	3.97E-05	3.47E-04	1.44E-03	0.00E+00	1.44E-03
6.39E-04	4.13E-05	3.59E-04	1.49E-03	0.00E+00	1.49E-03
6.64E-04	4.29E-05	3.71E-04	1.54E-03	0.00E+00	1.54E-03
6.90E-04	4.47E-05	3.84E-04	1.60E-03	0.00E+00	1.60E-03
7.19E-04	4.66E-05	3.98E-04	1.66E-03	0.00E+00	1.66E-03
7.50E-04	4.86E-05	4.12E-04	1.72E-03	0.00E+00	1.72E-03
7.83E-04	5.07E-05	4.26E-04	1.79E-03	0.00E+00	1.79E-03
8.19E-04	5.31E-05	4.42E-04	1.86E-03	0.00E+00	1.86E-03
4.47E-04	2.88E-05	2.63E-04	1.07E-03	0.00E+00	1.07E-03
4.60E-04	2.97E-05	2.71E-04	1.11E-03	0.00E+00	1.11E-03
4.75E-04	3.06E-05	2.79E-04	1.14E-03	0.00E+00	1.14E-03
4.89E-04	3.16E-05	2.87E-04	1.17E-03	0.00E+00	1.17E-03
5.05E-04	3.26E-05	2.96E-04	1.21E-03	0.00E+00	1.21E-03
5.22E-04	3.37E-05	3.05E-04	1.25E-03	0.00E+00	1.25E-03
5.40E-04	3.48E-05	3.15E-04	1.29E-03	0.00E+00	1.29E-03
5.58E-04	3.60E-05	3.25E-04	1.33E-03	0.00E+00	1.33E-03
5.78E-04	3.73E-05	3.35E-04	1.37E-03	0.00E+00	1.37E-03
5.99E-04	3.87E-05	3.46E-04	1.42E-03	0.00E+00	1.42E-03
6.21E-04	4.02E-05	3.57E-04	1.47E-03	0.00E+00	1.47E-03
6.45E-04	4.17E-05	3.69E-04	1.52E-03	0.00E+00	1.52E-03
6.70E-04	4.34E-05	3.82E-04	1.57E-03	0.00E+00	1.57E-03
6.97E-04	4.51E-05	3.95E-04	1.63E-03	0.00E+00	1.63E-03
7.26E-04	4.70E-05	4.09E-04	1.69E-03	0.00E+00	1.69E-03
7.57E-04	4.91E-05	4.24E-04	1.76E-03	0.00E+00	1.76E-03
7.90E-04	5.12E-05	4.39E-04	1.82E-03	0.00E+00	1.82E-03
8.26E-04	5.36E-05	4.55E-04	1.90E-03	0.00E+00	1.90E-03
8.64E-04	5.61E-05	4.72E-04	1.97E-03	0.00E+00	1.97E-03
9.06E-04	5.89E-05	4.90E-04	2.06E-03	0.00E+00	2.06E-03
4.51E-04	2.91E-05	2.70E-04	1.09E-03	0.00E+00	1.09E-03
4.65E-04	3.00E-05	2.78E-04	1.13E-03	0.00E+00	1.13E-03

4.79E-04	3.09E-05	2.87E-04	1.16E-03	0.00E+00	1.16E-03
4.94E-04	3.19E-05	2.95E-04	1.19E-03	0.00E+00	1.19E-03
5.10E-04	3.29E-05	3.04E-04	1.23E-03	0.00E+00	1.23E-03
5.27E-04	3.40E-05	3.13E-04	1.27E-03	0.00E+00	1.27E-03
5.45E-04	3.52E-05	3.23E-04	1.31E-03	0.00E+00	1.31E-03
5.63E-04	3.64E-05	3.34E-04	1.35E-03	0.00E+00	1.35E-03
5.83E-04	3.77E-05	3.44E-04	1.40E-03	0.00E+00	1.40E-03
6.04E-04	3.91E-05	3.55E-04	1.44E-03	0.00E+00	1.44E-03
6.27E-04	4.06E-05	3.67E-04	1.49E-03	0.00E+00	1.49E-03
6.50E-04	4.21E-05	3.79E-04	1.54E-03	0.00E+00	1.54E-03
6.76E-04	4.38E-05	3.93E-04	1.60E-03	0.00E+00	1.60E-03
7.03E-04	4.56E-05	4.06E-04	1.66E-03	0.00E+00	1.66E-03
7.32E-04	4.75E-05	4.20E-04	1.72E-03	0.00E+00	1.72E-03
7.63E-04	4.95E-05	4.35E-04	1.78E-03	0.00E+00	1.78E-03
7.96E-04	5.17E-05	4.51E-04	1.85E-03	0.00E+00	1.85E-03
8.31E-04	5.40E-05	4.67E-04	1.93E-03	0.00E+00	1.93E-03
8.70E-04	5.66E-05	4.85E-04	2.00E-03	0.00E+00	2.00E-03
9.11E-04	5.93E-05	5.03E-04	2.09E-03	0.00E+00	2.09E-03
9.56E-04	6.22E-05	5.23E-04	2.18E-03	0.00E+00	2.18E-03
4.55E-04	2.94E-05	2.77E-04	1.11E-03	0.00E+00	1.11E-03
4.69E-04	3.02E-05	2.85E-04	1.15E-03	0.00E+00	1.15E-03
4.83E-04	3.12E-05	2.94E-04	1.18E-03	0.00E+00	1.18E-03
4.98E-04	3.22E-05	3.03E-04	1.21E-03	0.00E+00	1.21E-03
5.14E-04	3.32E-05	3.12E-04	1.25E-03	0.00E+00	1.25E-03
5.31E-04	3.43E-05	3.21E-04	1.29E-03	0.00E+00	1.29E-03
5.49E-04	3.55E-05	3.31E-04	1.33E-03	0.00E+00	1.33E-03
5.68E-04	3.68E-05	3.42E-04	1.38E-03	0.00E+00	1.38E-03
5.88E-04	3.81E-05	3.53E-04	1.42E-03	0.00E+00	1.42E-03
6.09E-04	3.94E-05	3.65E-04	1.47E-03	0.00E+00	1.47E-03
6.32E-04	4.09E-05	3.77E-04	1.52E-03	0.00E+00	1.52E-03
6.55E-04	4.25E-05	3.89E-04	1.57E-03	0.00E+00	1.57E-03
6.81E-04	4.41E-05	4.02E-04	1.63E-03	0.00E+00	1.63E-03
7.08E-04	4.59E-05	4.17E-04	1.68E-03	0.00E+00	1.68E-03
7.37E-04	4.78E-05	4.31E-04	1.75E-03	0.00E+00	1.75E-03
7.68E-04	4.99E-05	4.46E-04	1.81E-03	0.00E+00	1.81E-03
8.00E-04	5.20E-05	4.62E-04	1.88E-03	0.00E+00	1.88E-03
8.36E-04	5.44E-05	4.79E-04	1.95E-03	0.00E+00	1.95E-03
8.74E-04	5.69E-05	4.97E-04	2.03E-03	0.00E+00	2.03E-03
9.14E-04	5.96E-05	5.15E-04	2.12E-03	0.00E+00	2.12E-03
9.58E-04	6.25E-05	5.35E-04	2.20E-03	0.00E+00	2.20E-03
1.01E-03	6.56E-05	5.56E-04	2.30E-03	0.00E+00	2.30E-03
4.59E-04	2.96E-05	2.85E-04	1.13E-03	0.00E+00	1.13E-03
4.73E-04	3.05E-05	2.93E-04	1.16E-03	0.00E+00	1.16E-03
4.87E-04	3.15E-05	3.01E-04	1.20E-03	0.00E+00	1.20E-03
5.02E-04	3.25E-05	3.10E-04	1.23E-03	0.00E+00	1.23E-03
5.19E-04	3.35E-05	3.20E-04	1.27E-03	0.00E+00	1.27E-03
5.36E-04	3.46E-05	3.30E-04	1.31E-03	0.00E+00	1.31E-03
5.54E-04	3.58E-05	3.40E-04	1.35E-03	0.00E+00	1.35E-03
5.73E-04	3.71E-05	3.51E-04	1.40E-03	0.00E+00	1.40E-03
5.93E-04	3.84E-05	3.62E-04	1.44E-03	0.00E+00	1.44E-03
6.14E-04	3.98E-05	3.74E-04	1.49E-03	0.00E+00	1.49E-03
6.36E-04	4.12E-05	3.86E-04	1.54E-03	0.00E+00	1.54E-03
6.60E-04	4.28E-05	3.99E-04	1.59E-03	0.00E+00	1.59E-03
6.85E-04	4.45E-05	4.12E-04	1.65E-03	0.00E+00	1.65E-03
7.12E-04	4.62E-05	4.26E-04	1.71E-03	0.00E+00	1.71E-03

7.41E-04	4.81E-05	4.42E-04	1.77E-03	0.00E+00	1.77E-03
7.71E-04	5.02E-05	4.57E-04	1.84E-03	0.00E+00	1.84E-03
8.04E-04	5.23E-05	4.73E-04	1.91E-03	0.00E+00	1.91E-03
8.39E-04	5.46E-05	4.90E-04	1.98E-03	0.00E+00	1.98E-03
8.76E-04	5.71E-05	5.08E-04	2.06E-03	0.00E+00	2.06E-03
9.16E-04	5.97E-05	5.27E-04	2.14E-03	0.00E+00	2.14E-03
9.58E-04	6.25E-05	5.47E-04	2.23E-03	0.00E+00	2.23E-03
1.00E-03	6.56E-05	5.68E-04	2.32E-03	0.00E+00	2.32E-03
1.05E-03	6.89E-05	5.90E-04	2.42E-03	0.00E+00	2.42E-03
4.76E-04	3.08E-05	3.00E-04	1.18E-03	0.00E+00	1.18E-03
4.91E-04	3.17E-05	3.09E-04	1.22E-03	0.00E+00	1.22E-03
5.06E-04	3.28E-05	3.18E-04	1.25E-03	0.00E+00	1.25E-03
5.23E-04	3.38E-05	3.27E-04	1.29E-03	0.00E+00	1.29E-03
5.40E-04	3.49E-05	3.37E-04	1.33E-03	0.00E+00	1.33E-03
5.58E-04	3.61E-05	3.48E-04	1.37E-03	0.00E+00	1.37E-03
5.77E-04	3.74E-05	3.59E-04	1.42E-03	0.00E+00	1.42E-03
5.96E-04	3.87E-05	3.70E-04	1.46E-03	0.00E+00	1.46E-03
6.17E-04	4.01E-05	3.82E-04	1.51E-03	0.00E+00	1.51E-03
6.40E-04	4.15E-05	3.95E-04	1.56E-03	0.00E+00	1.56E-03
6.63E-04	4.31E-05	4.08E-04	1.62E-03	0.00E+00	1.62E-03
6.88E-04	4.47E-05	4.21E-04	1.67E-03	0.00E+00	1.67E-03
7.15E-04	4.65E-05	4.35E-04	1.73E-03	0.00E+00	1.73E-03
7.44E-04	4.84E-05	4.51E-04	1.79E-03	0.00E+00	1.79E-03
7.74E-04	5.04E-05	4.67E-04	1.86E-03	0.00E+00	1.86E-03
8.06E-04	5.25E-05	4.83E-04	1.93E-03	0.00E+00	1.93E-03
8.40E-04	5.48E-05	5.00E-04	2.00E-03	0.00E+00	2.00E-03
8.76E-04	5.72E-05	5.19E-04	2.08E-03	0.00E+00	2.08E-03
9.15E-04	5.97E-05	5.38E-04	2.16E-03	0.00E+00	2.16E-03
9.57E-04	6.25E-05	5.58E-04	2.25E-03	0.00E+00	2.25E-03
1.00E-03	6.54E-05	5.79E-04	2.34E-03	0.00E+00	2.34E-03
1.05E-03	6.86E-05	6.02E-04	2.44E-03	0.00E+00	2.44E-03
1.10E-03	7.20E-05	6.25E-04	2.54E-03	0.00E+00	2.54E-03
1.15E-03	7.56E-05	6.49E-04	2.65E-03	0.00E+00	2.65E-03
4.95E-04	3.20E-05	3.15E-04	1.24E-03	0.00E+00	1.24E-03
5.10E-04	3.30E-05	3.25E-04	1.27E-03	0.00E+00	1.27E-03
5.26E-04	3.41E-05	3.35E-04	1.31E-03	0.00E+00	1.31E-03
5.43E-04	3.52E-05	3.45E-04	1.35E-03	0.00E+00	1.35E-03
5.61E-04	3.64E-05	3.55E-04	1.39E-03	0.00E+00	1.39E-03
5.80E-04	3.76E-05	3.67E-04	1.44E-03	0.00E+00	1.44E-03
6.00E-04	3.89E-05	3.79E-04	1.48E-03	0.00E+00	1.48E-03
6.21E-04	4.03E-05	3.91E-04	1.53E-03	0.00E+00	1.53E-03
6.43E-04	4.18E-05	4.03E-04	1.58E-03	0.00E+00	1.58E-03
6.66E-04	4.33E-05	4.16E-04	1.64E-03	0.00E+00	1.64E-03
6.91E-04	4.50E-05	4.31E-04	1.69E-03	0.00E+00	1.69E-03
7.18E-04	4.67E-05	4.45E-04	1.75E-03	0.00E+00	1.75E-03
7.46E-04	4.86E-05	4.60E-04	1.81E-03	0.00E+00	1.81E-03
7.75E-04	5.05E-05	4.76E-04	1.88E-03	0.00E+00	1.88E-03
8.07E-04	5.26E-05	4.93E-04	1.95E-03	0.00E+00	1.95E-03
8.40E-04	5.48E-05	5.11E-04	2.02E-03	0.00E+00	2.02E-03
8.76E-04	5.72E-05	5.29E-04	2.10E-03	0.00E+00	2.10E-03
9.14E-04	5.97E-05	5.48E-04	2.18E-03	0.00E+00	2.18E-03
9.54E-04	6.23E-05	5.69E-04	2.26E-03	0.00E+00	2.26E-03
9.97E-04	6.52E-05	5.90E-04	2.35E-03	0.00E+00	2.35E-03
1.04E-03	6.82E-05	6.12E-04	2.45E-03	0.00E+00	2.45E-03
1.09E-03	7.14E-05	6.36E-04	2.55E-03	0.00E+00	2.55E-03

5.13E-04	3.33E-05	3.32E-04	1.29E-03	0.00E+00	1.29E-03
5.29E-04	3.43E-05	3.42E-04	1.33E-03	0.00E+00	1.33E-03
5.46E-04	3.54E-05	3.52E-04	1.37E-03	0.00E+00	1.37E-03
5.64E-04	3.66E-05	3.63E-04	1.41E-03	0.00E+00	1.41E-03
5.83E-04	3.78E-05	3.74E-04	1.46E-03	0.00E+00	1.46E-03
6.02E-04	3.91E-05	3.86E-04	1.50E-03	0.00E+00	1.50E-03
6.23E-04	4.05E-05	3.99E-04	1.55E-03	0.00E+00	1.55E-03
6.46E-04	4.20E-05	4.12E-04	1.60E-03	0.00E+00	1.60E-03
6.69E-04	4.35E-05	4.25E-04	1.66E-03	0.00E+00	1.66E-03
6.93E-04	4.51E-05	4.39E-04	1.71E-03	0.00E+00	1.71E-03
7.19E-04	4.68E-05	4.54E-04	1.77E-03	0.00E+00	1.77E-03
7.47E-04	4.87E-05	4.69E-04	1.83E-03	0.00E+00	1.83E-03
7.76E-04	5.06E-05	4.85E-04	1.90E-03	0.00E+00	1.90E-03
8.07E-04	5.26E-05	5.02E-04	1.97E-03	0.00E+00	1.97E-03
8.39E-04	5.48E-05	5.20E-04	2.04E-03	0.00E+00	2.04E-03
8.74E-04	5.71E-05	5.38E-04	2.11E-03	0.00E+00	2.11E-03
9.10E-04	5.95E-05	5.58E-04	2.19E-03	0.00E+00	2.19E-03
9.49E-04	6.21E-05	5.78E-04	2.28E-03	0.00E+00	2.28E-03
9.90E-04	6.48E-05	5.99E-04	2.36E-03	0.00E+00	2.36E-03
1.03E-03	6.77E-05	6.21E-04	2.46E-03	0.00E+00	2.46E-03
1.08E-03	7.07E-05	6.45E-04	2.55E-03	0.00E+00	2.55E-03
5.32E-04	3.45E-05	3.49E-04	1.35E-03	0.00E+00	1.35E-03
5.49E-04	3.56E-05	3.59E-04	1.39E-03	0.00E+00	1.39E-03
5.67E-04	3.68E-05	3.70E-04	1.43E-03	0.00E+00	1.43E-03
5.85E-04	3.80E-05	3.82E-04	1.47E-03	0.00E+00	1.47E-03
6.05E-04	3.93E-05	3.93E-04	1.52E-03	0.00E+00	1.52E-03
6.25E-04	4.07E-05	4.06E-04	1.57E-03	0.00E+00	1.57E-03
6.47E-04	4.21E-05	4.19E-04	1.62E-03	0.00E+00	1.62E-03
6.70E-04	4.36E-05	4.33E-04	1.67E-03	0.00E+00	1.67E-03
6.94E-04	4.52E-05	4.47E-04	1.73E-03	0.00E+00	1.73E-03
7.20E-04	4.69E-05	4.61E-04	1.79E-03	0.00E+00	1.79E-03
7.47E-04	4.87E-05	4.77E-04	1.85E-03	0.00E+00	1.85E-03
7.75E-04	5.06E-05	4.94E-04	1.91E-03	0.00E+00	1.91E-03
8.05E-04	5.26E-05	5.10E-04	1.98E-03	0.00E+00	1.98E-03
8.37E-04	5.47E-05	5.28E-04	2.05E-03	0.00E+00	2.05E-03
8.70E-04	5.69E-05	5.46E-04	2.13E-03	0.00E+00	2.13E-03
9.06E-04	5.92E-05	5.66E-04	2.20E-03	0.00E+00	2.20E-03
9.43E-04	6.17E-05	5.86E-04	2.29E-03	0.00E+00	2.29E-03
9.83E-04	6.43E-05	6.08E-04	2.37E-03	0.00E+00	2.37E-03
1.02E-03	6.70E-05	6.30E-04	2.46E-03	0.00E+00	2.46E-03
5.51E-04	3.58E-05	3.66E-04	1.40E-03	0.00E+00	1.40E-03
5.69E-04	3.70E-05	3.77E-04	1.45E-03	0.00E+00	1.45E-03
5.87E-04	3.82E-05	3.88E-04	1.49E-03	0.00E+00	1.49E-03
6.06E-04	3.94E-05	4.01E-04	1.54E-03	0.00E+00	1.54E-03
6.27E-04	4.08E-05	4.13E-04	1.58E-03	0.00E+00	1.58E-03
6.48E-04	4.22E-05	4.26E-04	1.63E-03	0.00E+00	1.63E-03
6.71E-04	4.37E-05	4.40E-04	1.69E-03	0.00E+00	1.69E-03
6.95E-04	4.53E-05	4.54E-04	1.74E-03	0.00E+00	1.74E-03
7.20E-04	4.69E-05	4.69E-04	1.80E-03	0.00E+00	1.80E-03
7.46E-04	4.87E-05	4.85E-04	1.86E-03	0.00E+00	1.86E-03
7.74E-04	5.05E-05	5.01E-04	1.93E-03	0.00E+00	1.93E-03
8.03E-04	5.24E-05	5.18E-04	1.99E-03	0.00E+00	1.99E-03
8.34E-04	5.45E-05	5.36E-04	2.06E-03	0.00E+00	2.06E-03
8.66E-04	5.66E-05	5.54E-04	2.14E-03	0.00E+00	2.14E-03
9.00E-04	5.88E-05	5.73E-04	2.21E-03	0.00E+00	2.21E-03

9.36E-04	6.12E-05	5.94E-04	2.29E-03	0.00E+00	2.29E-03
9.74E-04	6.37E-05	6.15E-04	2.38E-03	0.00E+00	2.38E-03
5.89E-04	3.83E-05	3.95E-04	1.50E-03	0.00E+00	1.50E-03
6.08E-04	3.96E-05	4.07E-04	1.55E-03	0.00E+00	1.55E-03
6.28E-04	4.09E-05	4.20E-04	1.60E-03	0.00E+00	1.60E-03
6.49E-04	4.23E-05	4.33E-04	1.65E-03	0.00E+00	1.65E-03
6.71E-04	4.37E-05	4.47E-04	1.70E-03	0.00E+00	1.70E-03
6.94E-04	4.53E-05	4.61E-04	1.76E-03	0.00E+00	1.76E-03
7.19E-04	4.69E-05	4.76E-04	1.81E-03	0.00E+00	1.81E-03
7.44E-04	4.86E-05	4.91E-04	1.87E-03	0.00E+00	1.87E-03
7.71E-04	5.04E-05	5.08E-04	1.94E-03	0.00E+00	1.94E-03
8.00E-04	5.22E-05	5.25E-04	2.00E-03	0.00E+00	2.00E-03
8.29E-04	5.42E-05	5.42E-04	2.07E-03	0.00E+00	2.07E-03
8.60E-04	5.63E-05	5.61E-04	2.14E-03	0.00E+00	2.14E-03
8.93E-04	5.84E-05	5.80E-04	2.22E-03	0.00E+00	2.22E-03
9.27E-04	6.07E-05	6.00E-04	2.30E-03	0.00E+00	2.30E-03
9.64E-04	6.31E-05	6.21E-04	2.38E-03	0.00E+00	2.38E-03
6.08E-04	3.96E-05	4.13E-04	1.56E-03	0.00E+00	1.56E-03
6.28E-04	4.09E-05	4.26E-04	1.61E-03	0.00E+00	1.61E-03
6.49E-04	4.23E-05	4.39E-04	1.66E-03	0.00E+00	1.66E-03
6.70E-04	4.37E-05	4.53E-04	1.71E-03	0.00E+00	1.71E-03
6.93E-04	4.52E-05	4.67E-04	1.77E-03	0.00E+00	1.77E-03
7.17E-04	4.68E-05	4.82E-04	1.82E-03	0.00E+00	1.82E-03
7.42E-04	4.85E-05	4.98E-04	1.88E-03	0.00E+00	1.88E-03
7.68E-04	5.02E-05	5.14E-04	1.95E-03	0.00E+00	1.95E-03
7.95E-04	5.20E-05	5.31E-04	2.01E-03	0.00E+00	2.01E-03
8.24E-04	5.39E-05	5.48E-04	2.08E-03	0.00E+00	2.08E-03
8.54E-04	5.58E-05	5.67E-04	2.15E-03	0.00E+00	2.15E-03
8.85E-04	5.79E-05	5.86E-04	2.22E-03	0.00E+00	2.22E-03
9.18E-04	6.01E-05	6.06E-04	2.30E-03	0.00E+00	2.30E-03
6.28E-04	4.09E-05	4.32E-04	1.62E-03	0.00E+00	1.62E-03
6.48E-04	4.23E-05	4.45E-04	1.67E-03	0.00E+00	1.67E-03
6.69E-04	4.37E-05	4.59E-04	1.72E-03	0.00E+00	1.72E-03
6.91E-04	4.51E-05	4.73E-04	1.78E-03	0.00E+00	1.78E-03
7.15E-04	4.67E-05	4.88E-04	1.83E-03	0.00E+00	1.83E-03
7.39E-04	4.83E-05	5.03E-04	1.89E-03	0.00E+00	1.89E-03
7.64E-04	4.99E-05	5.19E-04	1.95E-03	0.00E+00	1.95E-03
7.90E-04	5.17E-05	5.36E-04	2.01E-03	0.00E+00	2.01E-03
8.18E-04	5.35E-05	5.53E-04	2.08E-03	0.00E+00	2.08E-03
8.47E-04	5.54E-05	5.72E-04	2.15E-03	0.00E+00	2.15E-03
8.77E-04	5.74E-05	5.90E-04	2.22E-03	0.00E+00	2.22E-03
6.47E-04	4.22E-05	4.50E-04	1.68E-03	0.00E+00	1.68E-03
6.67E-04	4.36E-05	4.64E-04	1.73E-03	0.00E+00	1.73E-03
6.89E-04	4.50E-05	4.78E-04	1.78E-03	0.00E+00	1.78E-03
7.11E-04	4.65E-05	4.93E-04	1.84E-03	0.00E+00	1.84E-03
7.35E-04	4.80E-05	5.08E-04	1.90E-03	0.00E+00	1.90E-03
7.59E-04	4.96E-05	5.24E-04	1.95E-03	0.00E+00	1.95E-03
7.85E-04	5.13E-05	5.40E-04	2.02E-03	0.00E+00	2.02E-03
8.11E-04	5.31E-05	5.58E-04	2.08E-03	0.00E+00	2.08E-03
8.39E-04	5.49E-05	5.76E-04	2.15E-03	0.00E+00	2.15E-03
8.68E-04	5.68E-05	5.94E-04	2.22E-03	0.00E+00	2.22E-03
6.65E-04	4.34E-05	4.68E-04	1.74E-03	0.00E+00	1.74E-03
6.86E-04	4.48E-05	4.82E-04	1.79E-03	0.00E+00	1.79E-03
7.08E-04	4.63E-05	4.97E-04	1.84E-03	0.00E+00	1.84E-03
7.30E-04	4.77E-05	5.12E-04	1.90E-03	0.00E+00	1.90E-03

7.54E-04	4.93E-05	5.28E-04	1.96E-03	0.00E+00	1.96E-03
7.79E-04	5.09E-05	5.44E-04	2.02E-03	0.00E+00	2.02E-03
8.04E-04	5.26E-05	5.61E-04	2.08E-03	0.00E+00	2.08E-03
8.31E-04	5.44E-05	5.79E-04	2.14E-03	0.00E+00	2.14E-03
7.03E-04	4.60E-05	5.00E-04	1.84E-03	0.00E+00	1.84E-03
7.25E-04	4.74E-05	5.15E-04	1.90E-03	0.00E+00	1.90E-03
7.48E-04	4.89E-05	5.31E-04	1.96E-03	0.00E+00	1.96E-03
7.72E-04	5.05E-05	5.47E-04	2.01E-03	0.00E+00	2.01E-03
7.97E-04	5.21E-05	5.64E-04	2.08E-03	0.00E+00	2.08E-03
7.20E-04	4.71E-05	5.18E-04	1.90E-03	0.00E+00	1.90E-03
7.42E-04	4.85E-05	5.34E-04	1.95E-03	0.00E+00	1.95E-03
7.65E-04	5.00E-05	5.49E-04	2.01E-03	0.00E+00	2.01E-03
7.89E-04	5.16E-05	5.66E-04	2.07E-03	0.00E+00	2.07E-03
7.36E-04	4.81E-05	5.35E-04	1.95E-03	0.00E+00	1.95E-03
7.58E-04	4.96E-05	5.51E-04	2.01E-03	0.00E+00	2.01E-03
4.37E-03	2.88E-04	1.10E-02	3.68E-02	0.00E+00	3.68E-02
6.01E-03	4.18E-04	7.34E-03	2.89E-02	0.00E+00	2.89E-02
1.28E-02	9.29E-04	1.57E-02	6.63E-02	0.00E+00	6.63E-02
5.29E-03	3.48E-04	7.73E-03	2.92E-02	0.00E+00	2.92E-02

Maximum	BAAQMD Threshold	Exceeds Threshold
0.11	0.80	No