



EMERGENCY RESPONDER RADIO COVERAGE

The provisions contained in 2010 California Fire Code Appendix J are to be followed.

Permit. A construction permit is required for installation of or modification to emergency responder radio coverage systems and related equipment. Maintenance performed in accordance with this code is not considered a modification and does not require a permit.

Technical criteria. Our City is currently divided by Hwy 280. North uses Command 12 and South uses Command 13 with Command 11 as backup. We are currently Narrow band and we use Tactical simplex channels as well. See the chart herein. SJ Fire is VHF Hi-band (136 - 178 MHz). Our primary frequencies are:

Fire Department Frequencies

Description	Alpha Tag	Frequency Output	Frequency Input	License	Type	Tone	Mode	Tag
Fire Dispatch	San Jose FD 01	155.02500	154.01000	KMH603	RM	173.8 PL	FMN	Fire Dispatch
Fire Command 11 Citywide	San Jose FD 11	155.92500	154.35500	KMH603	RM	123.0 PL	FMN	Fire-Tac
Fire Command 12 North of SR280	San Jose FD 12	153.98000	155.82000	KYW990	RM	151.4 PL	FMN	Fire-Talk
Fire Command 13 South of SR280	San Jose FD 13	154.11500	155.88000	KYW990	BM	136.5 PL	FMN	Fire-Talk
Fire Command 14	San Jose FD 14	Future			BM			
Fire Command 15	San Jose FD 15	Future			BM			
Fire Command 16	San Jose FD 16	Future			BM			
Fire Tactical 06	San Jose FD 06	154.35500	154.35500	KMH603	M	173.8 PL	FMN	Deprecated
Fire Tactical 31	San Jose FD 31	154.43000	154.43000	KYW990	BM	118.8 PL	FMN	Fire-Tac
Fire Tactical 32	San Jose FD 32	154.31000	154.31000	KYW990	BM	127.3 PL	FMN	Fire-Tac
Fire Tactical 33	San Jose FD 33	151.04000	151.04000	KYW990	BM	103.5 PL	FMN	Fire-Tac
Fire Tactical 34	San Jose FD 34	150.77500	150.77500	KYW990	BM	192.8 PL	FMN	Fire-Tac
Fire Tactical 35	San Jose FD 35	155.13000	155.13000	KYW990	BM	229.1 PL	FMN	Fire-Tac
Fire Tactical 36	San Jose FD 36	150.80500	150.80500	KYW990	BM	225.7 PL	FMN	Fire-Tac

Also to be validated are the Police, Sheriff, and other Emergency Services. For current published frequencies refer to <http://www.radioreference.com/apps/db/?inputs=1&ctid=225>.

Acceptance testing. Upon completion of installation, the building owner shall have the radio system tested to ensure that two-way coverage on each floor of the building is Functional.

Testing and proof of compliance. The emergency responder radio coverage system shall be inspected and tested annually or whenever structural changes occur including additions or remodels that could materially change the original field performance tests. A final test report provided by the Owners Testing Agency shall be provided to SJFD.

Additional frequencies. The building owner shall modify or expand the emergency responder radio coverage system at his or her expense in the event frequency changes are required by the FCC or additional frequencies are made available by the FCC. Prior approval of a public safety radio coverage system on previous frequencies does not exempt this section.

Field testing. Agency personnel shall have the right to enter onto the property at any reasonable time to conduct field testing to verify the required level of radio coverage.