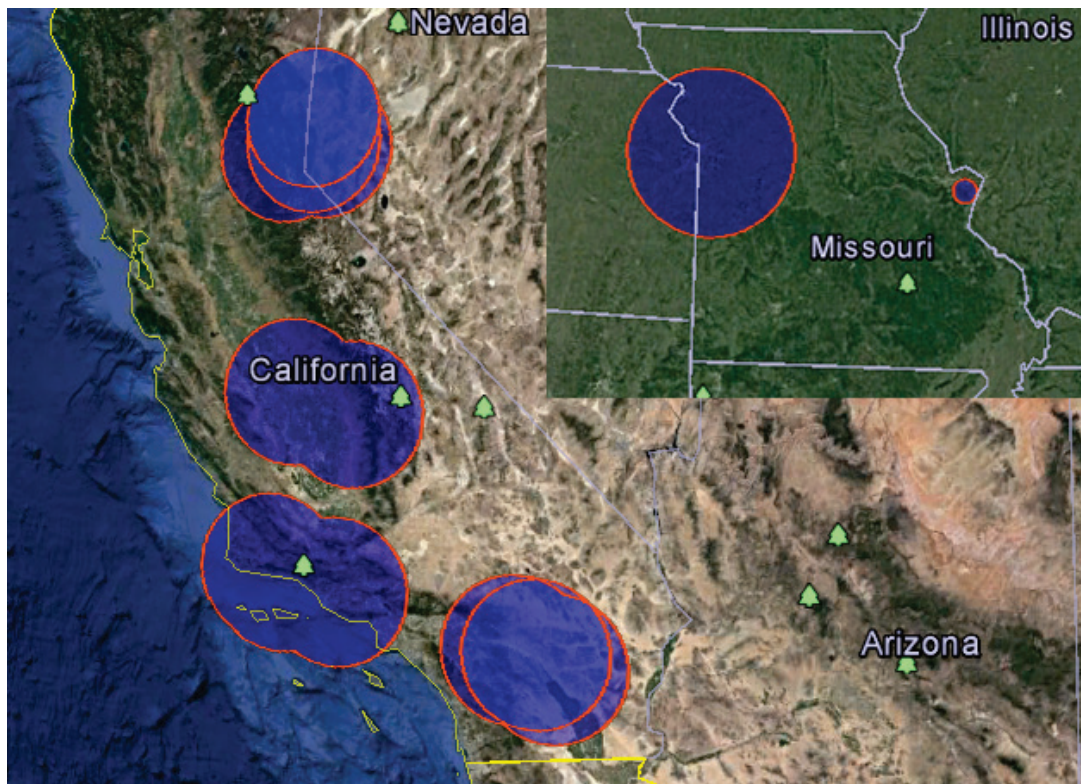


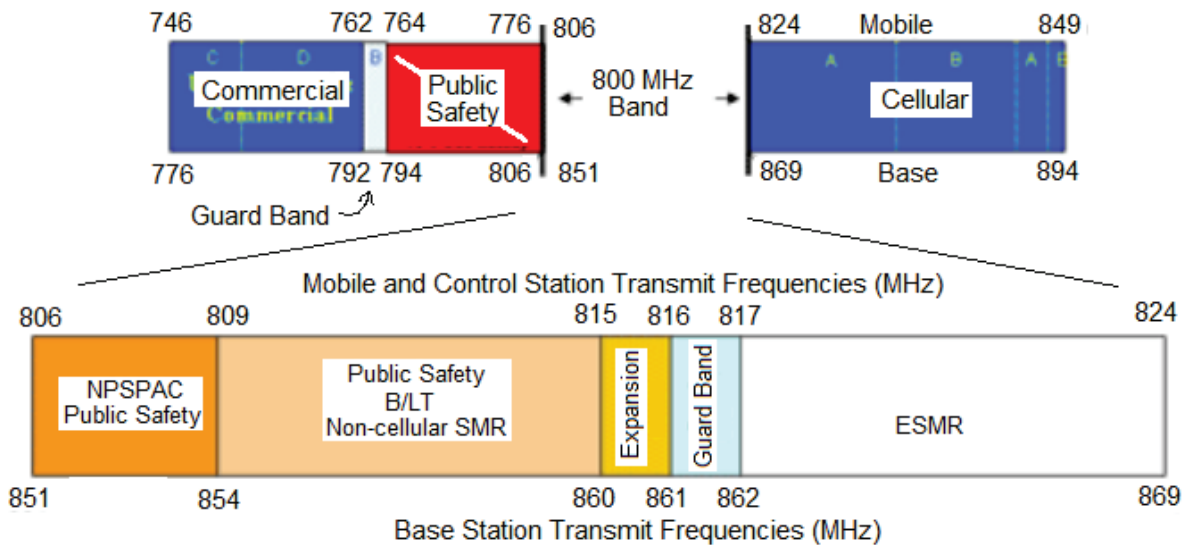
## Wireless Communications in the 800 MHz Bands Suitable for Land Mobile Radio & Data Applications Available in California & Missouri Urban Markets

Select Spectrum is offering nine **800 MHz Conventional & Specialized Mobile Radio (800 MHz) FCC spectrum licenses** in the greater Los Angeles area, Reno, and the Kansas City & St. Louis markets in Missouri. The licenses consist of seven 50 kHz 2-way site-based licenses covering Fresno, Santa Barbara, Palm Springs, CA and Reno & Carson City, NV. The Kansas City, MO license contains six channels for a total of 300 kHz and the St. Louis, MO license contains five channels for a total of 250 kHz. The assigned tall site locations and large approved site radii for most licenses provide excellent propagation across densely populated urban cores and suburbs.

Available 800 MHz license coverage maps are shown below. The primary map shows coverage in Southern California & Reno, NV. The inset map shows coverage in Missouri. Together, these offerings covers substantial portions of Los Angeles & San Diego suburbs, as well as inland communities in California, the cities of Reno & Carson City in Nevada, and the Missouri side of urban St. Louis and the entire metropolitan area of Kansas City Missouri & Kansas.



The 800 MHz Conventional & SMR bands are shown with neighboring service groups below:



The 800 MHz band originally consisted of site licenses with 2-way 25 KHz channels requested by regional frequency coordinators. Later, the FCC auctioned market-based licenses to the 51 Major Trading Areas. As older site-based licenses, all licenses in this offering have precedence over market-based licenses, granting licensees freedom over planning their network around competing licenses sharing the same frequency assignments. These licenses are valid through 2021 & 2025, when they may be renewed for a small administrative fee.

800 MHz spectrum can be used for broadcast or two-way; mobile or fixed; voice or narrowband data. Maximum base power is based on height above average terrain, all licenses have assigned, fully constructed towers in approved locations. These licenses can support a wide variety of applications including critical infrastructure, utility communications, land mobile radio, and/or narrowband data, such as SCADA, Internet of Things (IoT) or Unmanned Aerial Vehicle “UAV” (Drone) communications. Networks may employ point-to-point and/or point-multipoint (tall site) architectures.

Equipment for the band is made by Full Spectrum [www.fullspectrumnet.com](http://www.fullspectrumnet.com), Harris Corporation [www.harris.com](http://www.harris.com), Tait Communications <https://www.taitradio.com>, Motorola Solutions <https://www.motorolasolutions.com>, and GE MDS [www.gedigitalenergy.com](http://www.gedigitalenergy.com).

800 MHz licenses are subject to Title 47, Part 90, Subpart S service rules. Basic information about the call signs offered is shown below. Please contact us for additional information regarding these licenses.

Call Sign	Ch. Avail.	kHz	Major Cities	2015 POPs	Call Sign	Ch. Avail.	kHz	Major Cities	2015 POPs
WPSF574	1	50	Fresno, CA	1,820,869	WPST434	1	50	Reno, NV	657,029
WPTS312	1	50	Carson City, NV	988,771	WPTV632	1	50	Reno, NV	678,031
WPRG721	1	50	Palm Springs, CA	1,466,192	WPSG595	1	50	Santa Barbara, CA	8,684,758
WPSH517	1	50	Palm Springs, CA	3,202,333	WQVQ706	5	250	St. Louis, MO	902,709
WQVN556	6	300	Kansas City, MO	2,623,175	<b>Total</b>			<b>9 Markets</b>	<b>21,023,867</b>

Contact: Robert Finch, [rfinch@selectspectrum.com](mailto:rfinch@selectspectrum.com), 571 287 8721 <http://selectspectrum.com>