

Frequency Information

Roseville, CA - NL 38-47-34; WL 121-20-14; MOBILE: On aircraft at 6,000 feet AGL or below, within 55 km, centered around 1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
769-788 MHz	MO	19M0Q0N	15 W (ERP)	
799-960 MHz	MO	161MQ0N	15 W (ERP)	
1625-1660 MHz	MO	28M7G1D	1.25 W (ERP)	
1670-1718.8 MHz	MO	28M7G1D	1.25 W (ERP)	
1722.2-1850 MHz	MO	28M7G1D	1.25 W (ERP)	
2284 MHz	MO	2M40G1D	278 W (ERP)	
17.1-17.7 GHz	MO	1G50F0N	153 W (ERP)	

Special Conditions:

- (1) Subject to prior coordination with American Society for Healthcare Engineering of the American Hospital Association (ASHE/AHA): Dale Woodin, ASHE Advocacy Director; American Hospital Association, One North Franklin; Chicago, IL 60606; (312) 422-3812, (312) 422-4571 (fax), dwoodin@aha.org.
- (2) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (4) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Director of Frequency Coordination; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.

Special Conditions:

- (5) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (6) Operation is subject to "consent" of 700 MHz licensees (698-788 MHz) within 25 miles of all areas covered by the test.
- (7) Secure consents from the AWS licensees prior to accessing to the 1695-1780 MHz frequency band.
- (8) Coordinate with the local SBE frequency coordinator prior to operation in 400-758 MHz and 799-960 bands.
- (9) Coordinate with the Fixed Microwave Service licensees prior to operation in 400-758 MHz and 799-960 MHz bands.
- (10) Operation is subject to "notification" of the following within 25 miles of the testing:
 - Paging licensees in 454 MHz and 459 MHz
 - General Aviation Air-Ground licensees in 454 MHz and 459 MHz
 - Commercial Air-Ground licensee, Gogo (849-851 MHz, 894-896 MHz)
 - Narrowband PCS licensees (901-902 MHz)
- (11) IMSAR LLC must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Heaton at (760) 939-6948 (Jamie.heaton@navy.mil) prior to any California operations to mitigate harmful interference to Navy and Marine Corps assignments. IMSAR LLC must also comply with any and all restrictions that may be levied by WAFC.
- (12) IMSAR LLC must coordinate with NASA-White Sands Center (WSC) at least 7 days in advance with the NASAWSC P.O.C. as designated by the NASA/GSFC spectrum manager, Scott Galbraith at 301-286-5089, VINCENT.S.GALBRAITH@NASA.GOV.
- (13) Within the requested 799 – 960 MHz band, IMSAR LLC must notch out the following:
 - a. 934.525 MHz
 - b. 943.525 MHz
- (14) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (15) Coordinate with the incumbent Part 25 licensees prior to operate in 1626.5-1660.5 MHz band.