

Frequency Information

Tucson (PIMA), AZ - NL 32-05-18; WL 110-56-34; MOBILE: Tucson, AZ, within 45 km, centered around NL 32-05-18; WL 110-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5735-5865 MHz	FX	20M0D7W	97 W (ERP)	
9600-9682.5 MHz	FX	82M5Q3N	39261.8 W (ERP)	
9917.5-9950 MHz	FX	32M5Q3N	39261.8 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number FA8818-18-C-0003. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Josh Snook at (801) 798-8440.
- (5) The authorized stations must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (6) IMSAR LLC is cautioned concerning the use of the 5850 – 5865 MHz band. Surface transportation collision avoidance systems are on a non-Federal primary allocation as well. Testing has indicated that interference will not be a concern to surface transportation as long as the PRR is kept low, but there may be interference to the radar.
- (7) At the Tucson, AZ location, IMSAR LLC must notch out the following, in order to protect ongoing operations:
 - a. (+/- 280 kHz) 5740 MHz, 5775 MHz
 - b. (+/- 5.5 MHz) 5800 MHz
 - c. (+/- 7.5 MHz) 5750 MHz
 - d. 9682.5 – 9917.5 MHz

Special Conditions:

- (8) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number FA8818-18-C-0003. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.