

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WH2XZE

(Call Sign)

0594-EX-PL-2015

(File Number)

NAME ImSAR LLC

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) MOBILE: On aircraft at 6,000 feet AGL or below, within 60 km, centered around NL 38-47-34; WL 121-20-14

Frequency Information

MOBILE: On aircraft at 6,000 feet AGL or below, within 60 km, centered around NL 38-47-34; WL 121-20-14

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)	
1625-1850 MHz	MO	28M7G1D	1.25 W (ERP)	
15.6-17.1 GHz	MO	1G50F0N	153 W (ERP)	

This authorization effective November 17, 2015 and
will expire 3:00 A.M. EST December 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Coordinate with the Fixed Microwave Service licensees prior to operation in 799-960 MHz band.
- (4) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator in 799-960 MHz band. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (5) Successfully secure consents from the Advanced Wireless Service (AWS) licensees prior to accessing to 1625-1850 MHz band.
- (6) Operation not permitted in the bands 400-758 MHz and 2200-2310 MHz.
- (7) Operation is subject to consent of the following within 200 miles of the test area:
 - o 700 MHz "C" band licensee (746-758 MHz / 776-788 MHz)
 - o All Cellular licensees (824-849 MHz/869-894 MHz)
 - o Commercial Air-Ground licensee (849-851 MHz/894-896 MHz)
 - o SMR licensees (806-821 MHz/851-866 MHz)
 - o SMR licensees (896-901 MHz/935-940 MHz)
- (8) Operation is subject to notification of the following within 200 miles of the test area:
 - o Narrowband PCS licensees (901-902 MHz)
 - o Location & Monitoring Service licensees (902-928 MHz)
 - o 929 MHz Paging licensees (929-930 MHz)
 - o 931 MHz Paging licensees (931-932 MHz)
 - o 1670-75 MHz licensee
- (9) This license SUPERSEDES the previously issued license with the same call sign and file number: adding special conditions (7) and (8).