

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WH9XSN

(Call Sign)

0619-EX-ST-2014

(File Number)

NAME ImSAR LLC

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

To test a Ku band synthetic aperture radar.

Station Locations

(1) MOBILE: Monterey, CA, within 35 km, centered around NL 36-37-30; WL 121-53-09

Frequency Information

MOBILE: Monterey, CA, within 35 km, centered around NL 36-37-30; WL 121-53-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1625-1850 MHz	MO	28M7G1D	1 W (ERP)	
2200-2315 MHz	MO	2M40G1D	1 W (ERP)	
2350-2500 MHz	MO	2M40G1D	1 W (ERP)	

This authorization effective August 02, 2014 and
will expire 3:00 A.M. EST August 07, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Monterey, CA, within 35 km, centered around NL 36-37-30; WL 121-53-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15600-17100 MHz	MO	1G50F0N	1 W (ERP)	

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) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (3) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) ImSAR LLC must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Szelog at (760) 939-6948 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.
- (6) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Mike Elmer at (801) 798-8440 (x:115) and (801) 471-1601.
- (7) All operation is subject to notification of:
 1. 1670-1675 MHz licensees (OP or One Dot Six), serving the test area.
 2. All WCS licensees (2305-2330 MHz, 2350-2365 MHz) serving the test area.
- (8) ImSAR must notch out the following:
 - a. 1660 thru 1670 MHz
 - b. 1695 thru 1701 MHz
 - c. 1702 thru 1710 MHz
 - d. 1760 thru 1766 MHz
 - e. 1776 thru 1782 MHz
 - f. 1807 thru 1813 MHz
 - g. 1827 thru 1833 MHz
 - h. 2262 thru 2268 MHz