

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WK9XTM

(Call Sign)

1767-EX-ST-2016

(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 investigate the capabilities and benefits of small synthetic aperture radars, in a variety of terrain, vegetation, and atmospheric conditions. Operations will be on a manned platform.

Station Locations

- (1) MOBILE: Cochise, AZ. On aircraft at 10,000 feet MSL or below, within 80 km, centered around NL 31-22-49; WL 110-17-59
- (2) MOBILE: Hachita, NM. On aircraft at 10,000 feet MSL or below, within 80 km, centered around NL 31-22-24; WL 108-40-43
- (3) MOBILE: Luna, NM. On aircraft at 10,000 feet MSL or below, within 80 km, centered around NL 31-50-11; WL 107-22-11

Frequency Information

MOBILE: Cochise, AZ. On aircraft at 10,000 feet MSL or below, within 80 km, centered around NL 31-22-49; WL 110-17-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-17.2 GHz	MO	1G80F0N	484 W (ERP)	

This authorization effective February 01, 2017 and
will expire 3:00 A.M. EST April 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Hachita, NM. On aircraft at 10,000 feet MSL or below, within 80 km, centered around NL 31-22-24; WL 108-40-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-17.2 GHz	MO	1G80F0N	484 W (ERP)	

MOBILE: Luna, NM. On aircraft at 10,000 feet MSL or below, within 80 km, centered around NL 31-50-11; WL 107-22-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-17.2 GHz	MO	1G80F0N	484 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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) IMSAR must inform potential buyer that the use of 15.4-17.2 GHz for this system is limited geographically due to FAA usage in this band.
- (4) IMSAR must coordinate with AFC White Sands Missile Range (WSMR) prior to operations.

AFC White Sands Missile Range
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