

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

EXPERIMENTAL

(Nature of Service)

WQ9XYX

(Call Sign)

XT MO

(Class of Station)

1282-EX-ST-2020

(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 demonstrate radar capabilities in a variety of locations/environments

Station Locations

- (1) MOBILE: Greely, CO. On a manned aircraft, within 20 km, centered around NL 40-25-54; WL 104-39-47
- (2) MOBILE: On aircraft at 12000ft near parachute CO, within 40 km, centered around NL 39-29-41; WL 108-26-27

Frequency Information

MOBILE: Greely, CO. On a manned aircraft, within 20 km, centered around NL 40-25-54; WL 104-39-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.7 GHz	MO	1G50F0N	11350 W (ERP)	

This authorization effective September 01, 2020 and
will expire 3:00 A.M. EST November 01, 2020

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COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: On aircraft at 12000ft near parachute CO, within 40 km, centered around NL 39-29-41; WL 108-26-27

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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) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (4) Stop buzzer point of contact is Josh Snook at (801) 798-8440.
- (5) Prior to commencing any operations in the 17.3-17.7 GHz frequency band, ImSAR LLC must notify the licensees listed below of its test dates and provide a stop buzzer in case of interference:

Name: DIRECTV Enterprises, LLC
Phone Number: 301-663-0053
E-Mail: jwengryniuk@directv.com
Attention: Mr Jack M Wengryniuk

Name: DIRECTV Enterprises, LLC /AT&T
Phone Number: m +1.202.412.5623|o +1.202.457.2141
E-Mail: raquel.noriega@att.com
Attention: Raquel Noriega

Name: DISH Operating L.L.C.
Phone Number: 202-463-3709
E-Mail: Alison.Minea@dish.com
Attention: Alison Minea
Contact: Charles Ergen
Company: DISH Network
Email: charlie.ergen@dish.com
Name: EchoStar BSS Corporation
Phone Number: 202-463-3709
E-Mail: Alison.Minea@dish.com
Attention: Alison Minea