

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

EXPERIMENTAL

(Nature of Service)

WQ9XQC

(Call Sign)

XC MO

(Class of Station)

0878-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:

Short term demonstration of radar capabilities

Station Locations

- (1) MOBILE: Woodland WA on aircraft at 12000'-23000' MSL, within 18 km, centered around NL 45-54-32; WL 122-45-12

Frequency Information

MOBILE: Woodland WA on aircraft at 12000'-23000' MSL, within 18 km, centered around NL 45-54-32; WL 122-45-12

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

This authorization effective July 01, 2020 and
will expire 3:00 A.M. EST September 16, 2020

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Prior to commencing any operations in the 17.3-17.7 GHz band frequency band, the licensee must notify the earth station licensee listed below of its test dates and provide a stop buzzer in case of interference:

Call Sign: E140116 , File Number: SES-LIC-20141112-00848

Call Sign: E090173 , File Number: SES-LIC-20091001-01263

Call Sign: E130081 , File Number: SES-LIC-20130423-00332

Call Sign: E170204 , File Number: SES-LIC-20171110-01243

Licensee: DIRECTV Enterprises, LLC

ATTN: Ms. Jacquelyne Flemming

Phone: (202) 457-3032

Counsel: Wiley Rein LLP

Phone: (202) 719-4975

- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) 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 H9240819C0003. 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.