

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WP2XTS

(Call Sign)

1092-EX-ST-2026

(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:

Demonstrate the capabilities and benefits of small synthetic aperture radars

Station Locations

- (1) MOBILE: On aircraft at 10,000 feet MSL or below, within 53 km, centered around NL 34-25-30; WL 119-40-52

Frequency Information

MOBILE: On aircraft at 10,000 feet MSL or below, within 53 km, centered around NL 34-25-30; WL 119-40-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.5-17 GHz	MO	500MF0N	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) IMSAR must not transmit when the aircraft is within 12 nmi of LAX (33°56'33" N, 118°24'29" W).

This authorization effective July 20, 2026 and
will expire 3:00 A.M. ET January 01, 2027

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) When within 123 nmi of LAX, the IMSAR beam must not be pointed within 12° of the bearing to LAX (33°56'33" N, 118°24'29" W).
- (4) Stop buzzer POC: Josh Snook at 801-798-8440, josh.snook@imsar.com
- (5) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered