

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL
(Nature of Service)

XT MO
(Class of Station)

WM2XPP
(Call Sign)

0420-EX-CR-2026
(File Number)

NAME Technovative Applications

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(b) of the Commission's Rules

Station Locations

(1) MOBILE: Brea, CA, within 20 km, centered around NL 33-54-56; WL 117-51-15

Frequency Information

MOBILE: Brea, CA, within 20 km, centered around NL 33-54-56; WL 117-51-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.25-5.849 GHz	MO	4M50M2N	180 MW (ERP)	0.00001 %
		44M0M2N		
		442MM2N		
		20M0G1D		

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) Operation is not permitted using the frequency band 5850-5925 MHz.

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

FEDERAL
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COMMISSION



Special Conditions:

- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Army, contract DOTC-19-01-INIT0428. 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.
- (4) Stop buzzer, Technovative Operations at (714) 996-0104 and Chris Owens at (909) 921-8980.
- (5) Operation must be 20 degree avoidance angle from the JASON-3 (NORAD ID: 41240) and JASON-CS satellites (NORAD ID: 46984).