

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

EXPERIMENTAL
(Nature of Service)

XC FX
(Class of Station)

WM2XVD
(Call Sign)

0482-EX-CR-2026
(File Number)

NAME Raytheon Company

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(c) of the Commission's Rules

Station Locations

(1) Vandenburg AFB (SANTA BARBARA), CA - NL 34-40-38; WL 120-35-59

Frequency Information

Vandenburg AFB (SANTA BARBARA), CA - NL 34-40-38; WL 120-35-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
425.4 MHz	FX	180KF3D	19 mW (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Closed loop, ground based transmissions only until a waiver from USSF is obtained.
- (4) Testing agency must provide SLD 30 Spectrum Management Office with specifics for not using 421 MHz.
- (5) Scheduling with 2 ROPS and contacting FCAC, (805) 606-9247, is required prior to each days testing transmission.
- (6) The designated point-of-contact to terminate transmissions if interference occurs is Shaun Crum at (520) 646-6421.

This authorization effective September 01, 2026 and
will expire 3:00 A.M. ET September 01, 2028

FEDERAL
COMMUNICATIONS
COMMISSION



Special Conditions:

- (7) 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 800-19-C-3061. 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.