

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

EXPERIMENTAL

(Nature of Service)

WF2XVV

(Call Sign)

XD MO

(Class of Station)

0177-EX-TC-2019

(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(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Tucson AZ airborne below 10000 ft around center, within 120 km, centered around NL 32-06-23; WL 110-56-17

Frequency Information

MOBILE: Tucson AZ airborne below 10000 ft around center, within 120 km, centered around NL 32-06-23; WL 110-56-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1435-1525 MHz	MO	6M00F1D	100 W (ERP)	
4500-4700 MHz	MO	6M00F1D	100 W (ERP)	
4700-4940 MHz	MO	6M00F1D	100 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective January 22, 2020 and
will expire 3:00 A.M. EST June 27, 2020

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the Area Frequency Coordinator, Ft. Huachuca, AZ, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC, Ft. Huachuca, as necessary to ensure compatibility with existing uses.
- (4) 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.
- (5) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (6) Subject to coordination with the Area Frequency Coordinator (AFC) in the State of Arizona at 520-538-6423.
- (7) The designated point-of-contact to terminate transmissions if interference occurs is Bart Turner at (520) 794-0227 (office).