

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

EXPERIMENTAL

(Nature of Service)

WJ2XVL

(Call Sign)

XD MO

(Class of Station)

0061-EX-CR-2021

(File Number)

NAME Raytheon Company (Missiles and Defense - M)

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: Marana, AZ, within 1 km, centered around NL 32-25-04; WL 111-12-49
- (2) MOBILE: Valparaiso, FL, within 1 km, centered around NL 30-28-41; WL 86-30-29
- (3) MOBILE: Florence, AZ, within 1 km, centered around NL 33-04-29; WL 111-22-12
- (4) MOBILE: Tucson, AZ, within 1 km, centered around NL 32-06-15; WL 110-57-15

Frequency Information

MOBILE: Marana, AZ, within 1 km, centered around NL 32-25-04; WL 111-12-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3000-3400 MHz	MO	5M00N0N	34 kW (ERP)	

MOBILE: Valparaiso, FL, within 1 km, centered around NL 30-28-41; WL 86-30-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3000-3400 MHz	MO	5M00N0N	34 kW (ERP)	

This authorization effective February 01, 2021 and
will expire 3:00 A.M. EST February 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Florence, AZ, within 1 km, centered around NL 33-04-29; WL 111-22-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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MOBILE: Tucson, AZ, within 1 km, centered around NL 32-06-15; WL 110-57-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3000-3400 MHz	MO	5M00N0N	34 kW (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.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Raytheon Missile Systems should have the supporting government agency submit for an SPS review.
- (5) Stop buzzer point of contact is Jim Ortega at (520) 794-0227.