

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WG2XMV

(Call Sign)

0122-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(c) of the Commission's Rules

Station Locations

- (1) Tucson (PIMA), AZ - NL 32-05-30; WL 110-56-47
- (2) Tucson (PIMA), AZ - NL 32-08-18; WL 110-55-14
- (3) Tucson (PIMA), AZ - NL 32-05-46; WL 110-57-07
- (4) Tucson (PIMA), AZ - NL 32-05-46; WL 110-56-47
- (5) Tucson (PIMA), AZ - NL 32-06-16; WL 110-57-12

Frequency Information

Tucson (PIMA), AZ - NL 32-05-30; WL 110-56-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.7-17.8 GHz	FX	NON 200HN0N	6.1 mW (ERP)	

Tucson (PIMA), AZ - NL 32-08-18; WL 110-55-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.7-17.8 GHz	FX	NON	0.06 mW (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Tucson (PIMA), AZ - NL 32-08-18; WL 110-55-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.7-17.8 GHz	FX	200HN0N	0.06 mW (ERP)	

Tucson (PIMA), AZ - NL 32-05-46; WL 110-57-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.7-17.8 GHz	FX	N0N 200HN0N	6.1 mW (ERP)	

Tucson (PIMA), AZ - NL 32-05-46; WL 110-56-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.7-17.8 GHz	FX	N0N	14.3 kW (ERP)	

Tucson (PIMA), AZ - NL 32-06-16; WL 110-57-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.7-17.8 GHz	FX	N0N 200HN0N	14.3 kW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) 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 DOTC-12-05-INIT004. 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.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Jim Ortega at (520) 794-0227 or (520) 465-7087.
- (6) Subject to prior coordination with the FAA Western Regional Office, P.O. Box 92007, Worldway Center, Los Angeles CA 90009. Attn: Frequency Management Office PH: (310) 297-1872.