

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WJ2XZW

(Call Sign)

0053-EX-CN-2019

(File Number)

NAME Raytheon Missile Systems

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, within 0.5 km, centered around NL 32-08-13; WL 110-55-21
- (2) MOBILE: Florence, AZ. airborne north and east of control point, within 15 km, centered around NL 33-04-29; WL 111-22-12
- (3) MOBILE: Yuma, AZ, within 15 km, centered around NL 33-04-26; WL 114-21-33

Frequency Information

MOBILE: Tucson, AZ, within 0.5 km, centered around NL 32-08-13; WL 110-55-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.37-1.3875 GHz	MO	3M03G1D	18.2 W (ERP)	
		4M06D1D		
		6M10G1D		
		8M13D1D		
		12M1G1D		
		16M3D1D		
		3M85G1D		
		7M70G1D		
		15M4G1D		

This authorization effective March 15, 2019 and
will expire 3:00 A.M. EST March 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Florence, AZ. airborne north and east of control point, within 15 km, centered around NL 33-04-29; WL 111-22-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.37-1.3875 GHz	MO		18.2 W (ERP)	
		3M03G1D		
		4M06D1D		
		6M10G1D		
		8M13D1D		
		12M1G1D		
		16M3D1D		
		3M85G1D		
		7M70G1D		
		15M4G1D		

MOBILE: Yuma, AZ, within 15 km, centered around NL 33-04-26; WL 114-21-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.37-1.3875 GHz	MO		18.2 W (ERP)	
		3M03G1D		
		4M06D1D		
		6M10G1D		
		8M13D1D		
		12M1G1D		
		16M3D1D		
		3M85G1D		
		7M70G1D		
		15M4G1D		

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.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Raytheon Missile Systems shall ensure that the project is submitted by the military sponsor to NTIA SPS for certification.

Special Conditions:

- (5) Use at Florence Military Reservation requires coordination prior to use with DoD AFC AZ. Tel: (520) 538-6423, mark.k.rossow.civ@mail.mil
- (6) Use in the Yuma, AZ area requires coordination prior to use with the Yuma Proving Ground Spectrum Manager (928) 328-7144.
- (7) Indoor use at the Tucson Raytheon facility does not require prior coordination.