

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WL2XBC

(Call Sign)

0304-EX-CN-2020

(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) Edwards AFB (KERN), CA; MOBILE: Within coordinates: 34-54-29 N, 117-45-32 W;
34-54-31 N, 117-40-10 W; 34-50-57 N, 117-40-56 W; 34-51-06 N, 117-49-00 W.

Frequency Information

Edwards AFB (KERN), CA; MOBILE: Within coordinates: 34-54-29 N, 117-45-32 W; 34-54-31 N, 117-40-10 W; 34-50-57 N, 117-40-56 W; 34-51-06 N, 117-49-00 W.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2290 MHz	MO	3M03G1D 6M10G1D 12M1G1D 4M06D1D 8M13D1D 16M3D1D	12 W (ERP)	
2310-2320 MHz	MO	3M03G1D 6M10G1D 10M0G1D 4M06D1D 8M13D1D	12 W (ERP)	

This authorization effective July 01, 2020 and
will expire 3:00 A.M. EST May 15, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Edwards AFB (KERN), CA; MOBILE: Within coordinates: 34-54-29 N, 117-45-32 W; 34-54-31 N, 117-40-10 W; 34-50-57 N, 117-40-10 W

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2320 MHz	MO	10M0D1D	12 W (ERP)	
2345-2390 MHz	MO	3M03G1D 6M10G1D 12M1G1D 4M06D1D 8M13D1D 16M3D1D	12 W (ERP)	

Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the Western Area Frequency Coordinator (WAFC) 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 WAFC as necessary to ensure compatibility with existing uses.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Raytheon Missile Systems must notch out 2209 MHz (+/- 2 MHz) in order to protect ongoing operations.
- (6) All operations shall be pre-coordinated with the Department of Defense Western Area Frequency Coordinator and scheduled in the Central Scheduling Enterprise (CSE)/Integrated Frequency Deconfliction System (IFDS) via Edwards Air Force Base prior to operations.
- (7) Raytheon Missile Systems coordinates with the Naval Surface Warfare Center, Dahlgren Division (NSWCDD), group email box; W_DLGR_NSWC_FTMA_FM@navy.mil. Primary frequency coordination contacts; Mr. James Moneyhon, 540-653-3477- james.moneyhon@navy.mil, Mr. A. Jason Verdugo, 540-653-9590 – Anthony.J.Verdugo@navy.mil, and/or Mrs. Lory Santiago, 540-653-0096 – lory.santiago@navy.mil , a minimum of 60-days prior to the flight test, to mitigate harmful interference to Navy/Marine Corps/DoD operations.

Special Conditions:

- (8) Prior to commencing any operations in WCS frequencies (2305-2320 MHz/2345-2360 MHz), the licensee must obtain consent from the WCS licensee (AT&T).
- (9) The stop buzzer point of contact is Jim Ortega, at (520) 794-0227.