

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

EXPERIMENTAL

(Nature of Service)

W12XWM

(Call Sign)

XD FX

(Class of Station)

0205-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) Albuquerque (BERNALILLO), NM - NL 35-03-27; WL 106-31-54

Frequency Information

Albuquerque (BERNALILLO), NM - NL 35-03-27; WL 106-31-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
44.4-44.6 GHz	FX	200HA1A	38.74 MW (ERP)	

Special Conditions:

- (1) Subject to coordination with the Area Frequency Coordinator located at White Sands Missile Range, New Mexico, prior to use in the State of New Mexico or other U. S. Territory within a 150 mile radius of WSMR plus the area of Utah and Colorado that lies South of 41 degrees North and between 108 degrees and 111 degrees West. Phone: 505-678-5417 or 3702.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.

This authorization effective January 22, 2020 and
will expire 3:00 A.M. EST June 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) At least 96 hours prior to beginning operations, Raytheon Missile Systems must be coordinated operations with the DoD-AFC (WSMR) office via e-mail to usarmy.wsmr.imcomcentral.list.dodafc@mail.mil
- (6) To test equipment in 44 GHz band.