

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

EXPERIMENTAL

(Nature of Service)

WL2XJJ

(Call Sign)

XC FX

(Class of Station)

0978-EX-CN-2020

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

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20 GHz	FX	N0N	158 mW (ERP)	
20.2 GHz	FX	N0N	158 mW (ERP)	
20.2525 GHz	FX	N0N	158 mW (ERP)	
20.45 GHz	FX	N0N	158 mW (ERP)	

This authorization effective December 04, 2020 and
will expire 3:00 A.M. EST December 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20.4525 GHz	FX	N0N	158 mW (ERP)	
20.4625 GHz	FX	N0N	158 mW (ERP)	
20.7 GHz	FX	N0N	158 mW (ERP)	
20.95 GHz	FX	N0N	158 mW (ERP)	
21.2 GHz	FX	N0N	158 mW (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) 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) Raytheon must schedule operations with the DoD Area Frequency Coordinator, at White Sands Missile Range (WSMR), at least 96 hours prior to activation, via e-mail to: usarmy.wsmr.imcom-central.list.dodafc@mail.mil
- (5) Additionally, to the maximum extent feasible, Raytheon should shield these operations from radiating energy towards Kirtland AFB, through the use of buildings, RF screens, pointing antenna away, or other methods, in order to further minimize the interference risk to DoD operations at Kirtland AFB.
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government. 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.