

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WJ2XFN

(Call Sign)

0212-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) MOBILE: Santa Clarita, CA. Revolving in a centrifuge, within 0.1 km, centered around NL 34-24-20; WL 118-30-05

Frequency Information

MOBILE: Santa Clarita, CA. Revolving in a centrifuge, within 0.1 km, centered around NL 34-24-20; WL 118-30-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-430 MHz	MO	180KF3D	0.5 mW (ERP)	
2245.5 MHz	MO	2M30F1D 16M2F1D 21M9G1D	5 W (ERP)	
5400-5850 MHz	MO	15M0M1D	76 W (ERP)	

This authorization effective January 22, 2020 and
will expire 3:00 A.M. EST January 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Santa Clarita, CA. Revolving in a centrifuge, within 0.1 km, centered around NL 34-24-20; WL 118-30-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5400-5850 MHz	MO	15M0M1D	100 mW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) All operations must be pre-coordinated through the DoD Western Area Frequency Coordinator (WAFC) @ 760-939-6832.
- (5) Stop buzzer point of contact is Bart Turner at (520) 794-0227.