

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

EXPERIMENTAL

(Nature of Service)

WJ2XJM

(Call Sign)

XD MO

(Class of Station)

0494-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: Boulder, CO, within 2 km, centered around NL 40-07-58; WL 105-14-42

Frequency Information

MOBILE: Boulder, CO, within 2 km, centered around NL 40-07-58; WL 105-14-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9350-9450 MHz	MO	4M70Q3N 7M10Q3N	453.4 kW (ERP)	

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) 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) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (5) Stop buzzer is Karen Dyberg (Office) (508) 490-2723 (Cell) (508) 450-9236.

This authorization effective January 23, 2020 and
will expire 3:00 A.M. EST May 01, 2021

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COMMUNICATIONS
COMMISSION**

