

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WJ2XMA

(Call Sign)

0215-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: Tucson, AZ, within 16 km, centered around NL 32-06-08; WL 110-56-05
- (2) MOBILE: Eglin AFB, FL, within 64 km, centered around NL 30-35-29; WL 86-32-46
- (3) MOBILE: UT and TR, within 48 km, centered around NL 40-31-50; WL 113-25-02

Frequency Information

MOBILE: Tucson, AZ, within 16 km, centered around NL 32-06-08; WL 110-56-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1720-1735 MHz	MO	10M0G1N	48.4 W (ERP)	
1985-2000 MHz	MO	10M0G1N	48.4 W (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Eglin AFB, FL, within 64 km, centered around NL 30-35-29; WL 86-32-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1720-1735 MHz	MO	10M0G1N	48.4 W (ERP)	
1985-2000 MHz	MO	10M0G1N	48.4 W (ERP)	

MOBILE: UT and TR, within 48 km, centered around NL 40-31-50; WL 113-25-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1720-1735 MHz	MO	10M0G1N	48.4 W (ERP)	
1985-2000 MHz	MO	10M0G1N	48.4 W (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) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (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.
- (5) Operation is subject to consent of Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz) within 50 miles of the test area.