

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WP9XMH

(Call Sign)

0242-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.

Station Locations

- (1) MOBILE: Moriarty, NM. racetrack pattern around center 1 km radius, within 1 km, centered around NL 34-59-04; WL 106-00-23
- (2) MOBILE: near Moriarty, NM. racetrack patten around center 0.8 km radius, within 0.8 km, centered around NL 34-58-09; WL 105-57-53

Frequency Information

MOBILE: Moriarty, NM. racetrack pattern around center 1 km radius, within 1 km, centered around NL 34-59-04; WL 106-00-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2290 MHz	MO	33M6F1D 36M4G1D	20 mW (ERP)	
4440-4940 MHz	MO	33M6F1D 36M4G1D	20 mW (ERP)	

This authorization effective January 22, 2020 and
will expire 3:00 A.M. EST April 25, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: near Moriarty, NM. racetrack patter around center 0.8 km radius, within 0.8 km, centered around NL 34-58-09; WL 105-57-53

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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) 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.
- (3) Raytheon Missile Systems must coordinate and schedule operations with DoD-AFC (WSMR), at least 96 hours prior to activation, via e-mail to usarmy.wsmr.imcomcentral.list.dodaafc@mail.mil.
- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.