

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WP9XMH

(Call Sign)

XT MO

(Class of Station)

1877-EX-ST-2019

(File Number)

NAME Raytheon Missile Systems

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:
test telemetry receivers

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 pattern 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 October 25, 2019 and
will expire 3:00 A.M. EST April 25, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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	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)	

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.