

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

EXPERIMENTAL

(Nature of Service)

WM9XHX

(Call Sign)

XT MO

(Class of Station)

0236-EX-ST-2018

(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:

Testing of a robust, interference-resistant data link.

Station Locations

- (1) MOBILE: Tucson, AZ, within 16 km, centered around NL 32-06-08; WL 110-56-05
- (2) MOBILE: 40 mile radius around coordinates, within 64 km, centered around NL 30-35-29; WL 86-32-46
- (3) MOBILE: 30 miles around coordinates below, 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 February 20, 2018 and
will expire 3:00 A.M. EST May 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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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) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation is subject to consent of Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz) within 50 miles of the test area.