

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

EXPERIMENTAL

(Nature of Service)

WO9XRL

(Call Sign)

XT MO

(Class of Station)

1066-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:

Antenna validation

Station Locations

- (1) MOBILE: Albuquerque, NM, within 0.1 km, centered around NL 35-03-27; WL 106-31-31

Frequency Information

MOBILE: Albuquerque, NM, within 0.1 km, centered around NL 35-03-27; WL 106-31-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
375 MHz	MO	40K0F9D 180KF9D 1M00F9D	1800 W (ERP)	
394.4 MHz	MO	40K0F9D 180KF9D	1800 W (ERP)	

This authorization effective July 08, 2019 and
will expire 3:00 A.M. EST September 09, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Albuquerque, NM, within 0.1 km, centered around NL 35-03-27; WL 106-31-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
394.4 MHz	MO	1M00F9D	1800 W (ERP)	
422 MHz	MO	40K0F9D 180KF9D 1M00F9D	1800 W (ERP)	
449 MHz	MO	40K0F9D 180KF9D 1M00F9D	1800 W (ERP)	

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) Operations MUST, repeat MUST, be scheduled with AFC-WSMR, at least 96 hours prior to operations, via e-mail to usarmy.wsmr.imcomcentral. list.dodaafc@mail.mil. AFC-WSMR will schedule the Raytheon operations in the Integrated Frequency De-confliction System (IFDS).
Should IFDS show a conflict, AFC-WSMR reserves the right to have Raytheon stand down their operations until the conflict is resolved - either by Raytheon operating on another frequency listed in paragraph 1 or by Raytheon waiting until the DoD operations have completed.
- (4) Schedule operations with the VLA/VLBA NRAO Spectrum manager, Dan "Mert" Mertely, Email: nrao-rfi@nrao.edu <mailto:nrao-rfi@nrao.edu>, phone: (575) 835-7128
- (5) The antenna orientation, in AZIMUTH, shall be limited from 270 degrees (West), clockwise, through 0 (North), to 45 degrees (Northwest), reference True North.
- (6) Operations are limited to the following four (4) center frequencies:
 - a. 375.0 MHz
 - b. 394.4 MHz
 - c. 422.0 MHz
 - d. 449.0 MHz