

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WP9XEE

(Call Sign)

1559-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:

Testing of FTS and radar systems

Station Locations

(1) MOBILE: Tucson, AZ, within 0.7 km, centered around NL 32-05-42; WL 110-57-01

Frequency Information

MOBILE: Tucson, AZ, within 0.7 km, centered around NL 32-05-42; WL 110-57-01

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

This authorization effective September 19, 2019 and
will expire 3:00 A.M. EST February 21, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Tucson, AZ, within 0.7 km, centered around NL 32-05-42; WL 110-57-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
422 MHz	MO	40K0F9D 180KF9D 1M00F9D	1800 W (ERP)	
449 MHz	MO	40K0F9D 180KF9D 1M00F9D	1800 W (ERP)	
10.175-10.5 GHz	MO	1K00N0N 4M00N0N 300MF3N	24.45 kW (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) A Stop Buzzer POC must be provided to the DOD AFC AZ at least 96 hours prior to any intended use of requested frequencies and a test schedule for 375 MHz, 394.4 MHz, 422 MHz, AND 449 MHz must be provided by contacting the DOD AFC AZ office at 520-538-6423 or 520-538-6424.
- (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.
- (5) Stop Buzzer Points of Contact are Jim Ortega at (520) 794-0227; and Charles Sarver at (505) 220-9999.