

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WP9XAF

(Call Sign)

1387-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 radios in a UAS platform

Station Locations

(1) MOBILE: Tularosa, NM, within 32 km, centered around NL 33-09-56; WL 106-20-36

Frequency Information

MOBILE: Tularosa, NM, within 32 km, centered around NL 33-09-56; WL 106-20-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4435-4487.5 MHz	MO	4M06D1D 8M22D1D 16M4D1D	20.013 W (ERP)	
4512.5-4990 MHz	MO	4M06D1D 8M22D1D 16M4D1D	20.013 W (ERP)	

This authorization effective August 19, 2019 and
will expire 3:00 A.M. EST October 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) Operations must be scheduled as a WSMR Range Mission, through the appropriate Range Sponsor. Final authorization to radiate is contingent upon successful scheduling of spectrum, and airspace, with other area operations. The final operating frequency, or frequencies, shall be determined by the WSMR Spectrum Manager, in coordination with the WSMR Range Sponsor, and is dependent on the RF environment, at the time of test.
- (4) Raytheon Missile Systems must coordinate operations with Mr. Dan Mertly, nraorfi@nrao.edu, or 575-835-7128 due to the proximity of the requested operations to the Jansky VLA Observatory and the Pie Town, NM VLBA station.