

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WO9XVH

(Call Sign)

1127-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:
demonstration of UAV technology to the Navy

Station Locations

- (1) MOBILE: Swan Island, NC, within 14.8 km, centered around NL 35-06-52; WL 76-30-22
- (2) MOBILE: Camp LeJeune, NC, within 3.7 km, centered around NL 34-34-22; WL 77-16-48

Frequency Information

MOBILE: Swan Island, NC, within 14.8 km, centered around NL 35-06-52; WL 76-30-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1377 MHz	MO	10M0D1D	6 W (ERP)	
1379 MHz	MO	10M0D1D	6 W (ERP)	

This authorization effective July 15, 2019 and
will expire 3:00 A.M. EST July 27, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Swan Island, NC, within 14.8 km, centered around NL 35-06-52; WL 76-30-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1382 MHz	MO	10M0D1D	6 W (ERP)	

MOBILE: Camp LeJeune, NC, within 3.7 km, centered around NL 34-34-22; WL 77-16-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1377 MHz	MO	10M0D1D 10M0D1D	6 W (ERP)	
1379 MHz	MO	10M0D1D	6 W (ERP)	
1382 MHz	MO	10M0D1D	6 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) Raytheon Missile Systems should be aware that the 1.33 – 1.4 GHz band is a Radio Astronomy Service band protected by footnote US342 and ITU footnote 5.149 and that operations closer to or near Radio Astronomy sites may not be able to be supported.