

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

EXPERIMENTAL

(Nature of Service)

WM9XGW

(Call Sign)

XT MO

(Class of Station)

0164-EX-ST-2018

(File Number)

NAME Vector Launch Inc

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:

Launch vehicle telemetry data during flights.

Station Locations

- (1) MOBILE: NASA Wallops Flight Facility (WFF), Wallops VA, centered around NL 37-49-53; WL 75-29-24

Frequency Information

MOBILE: NASA Wallops Flight Facility (WFF), Wallops VA, centered around NL 37-49-53; WL 75-29-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2364.379-2364.621 MHz	MO	241KG1D	10 W (ERP)	0.0001 %
2370.322-2370.678 MHz	MO	356KG1D	20 W (ERP)	0.0001 %
2380.194-2384.806 MHz	MO	4M61G1D	25 W (ERP)	0.0001 %

This authorization effective June 01, 2018 and
will expire 3:00 A.M. EST December 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) Vector Launch Inc. must contact Mr. Richard Ontiveros via email (Richard.ontiveros1@navy.mil) or phone ((301) 225-3824) to coordinate operations in accordance with the Vector Memorandum dated 31 Jan 2018.
- (4) All operations shall be coordinated with the NASA Wallops Flight Facility Spectrum Manager, Felipe Arroyo at 757.824.1623 or felipe.arroyo-1@nasa.gov, at least 60 days prior to operations.
- (5) All operations shall be coordinated with AFTRCC prior to operations.