

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WO9XOF

(Call Sign)

0845-EX-ST-2019

(File Number)

NAME Stellar Exploration

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:

Use of a WiFi transmitter for telemetry for multiple rocket launches.

Station Locations

- (1) MOBILE: White Sands Missile Range, Truth or Consequences, NM: airborne max altitude 1640 ft. AGL, within 2.5 km, centered around NL 32-57-32; WL 106-32-29

Frequency Information

MOBILE: White Sands Missile Range, Truth or Consequences, NM: airborne max altitude 1640 ft. AGL, within 2.5 km, centered around NL 32-57-32; WL 106-32-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.401-2.423 GHz	MO	22M0G1D	6 W (ERP)	1.0E-6 %

Special Conditions:

- (1) Stellar Exploration must provide Stop Buzzer POC information to Mr. James Gibson, james.e.gibson1@navy.mil.
- (2) Operations must be scheduled as a WSMR Range Mission, through the assigned Range Sponsor. Final authorization to radiate is contingent upon successful scheduling, and de-confliction, of spectrum, and airspace, as applicable, with other regional operations.

This authorization effective June 11, 2019 and
will expire 3:00 A.M. EST June 16, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**

