

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

EXPERIMENTAL

(Nature of Service)

WR9XYZ

(Call Sign)

XT MO

(Class of Station)

0704-EX-ST-2021

(File Number)

NAME Sierra Nevada Corporation

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:

High-altitude MESH networking tests over Stockton, Maryland, Virginia Beach Virginia and Camp Lejeune, North Carolina.

Station Locations

- (1) MOBILE: Stockton, MD: max altitude 70,000 ft AGL, within 185 km, centered around NL 38-01-20; WL 75-25-23
- (2) MOBILE: Virginia Beach, VA: max altitude 70,000 ft. AGL, within 185 km, centered around NL 36-52-48; WL 76-01-57
- (3) MOBILE: Camp Lejeune, NC: max altitude 70,000 ft. AGL, within 185 km, centered around NL 34-35-16; WL 77-20-54

Frequency Information

MOBILE: Stockton, MD: max altitude 70,000 ft AGL, within 185 km, centered around NL 38-01-20; WL 75-25-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2380 MHz	MO	20M0D7W	25 W (ERP)	0.002 %

This authorization effective May 10, 2018 and
will expire 3:00 A.M. EST May 18, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Virginia Beach, VA: max altitude 70,000 ft. AGL, within 185 km, centered around NL 36-52-48; WL 76-01-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2380 MHz	MO	20M0D7W	25 W (ERP)	0.002 %

MOBILE: Camp Lejeune, NC: max altitude 70,000 ft. AGL, within 185 km, centered around NL 34-35-16; WL 77-20-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2380 MHz	MO	20M0D7W	25 W (ERP)	0.002 %

Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1535 or 2310-2390 MHz was coordinated prior to authorization with the Mid-Atlantic Area Frequency Coordinator (AFC), Patuxent River, MD, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC as necessary to ensure compatibility with existing uses.