

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

EXPERIMENTAL

(Nature of Service)

WN9XNO

(Call Sign)

XT MO

(Class of Station)

1561-EX-ST-2019

(File Number)

NAME Shared Spectrum Company

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:

This communication systems purpose is to increase the amount of spectrum available to DoD operations.

Station Locations

- (1) MOBILE: Witihn 15 km of 1593 Spring Hill Road, Vienna, VA., within 15 km, centered around NL 38-55-33; WL 77-14-42
- (2) MOBILE: Within 15 km of 1593 Spring Hill Road Vienna, VA, within 15 km, centered around NL 38-55-33; WL 77-14-42
- (3) MOBILE: Witihn 15 km of 1593 Spring Hill Road, Vienna, VA., within 15 km, centered around NL 38-55-33; WL 77-14-42

Frequency Information

MOBILE: Witihn 15 km of 1593 Spring Hill Road, Vienna, VA., within 15 km, centered around NL 38-55-33; WL 77-14-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2031.5-2103.5 MHz	MO	8M00W7D	50 W (ERP)	0.001 %

This authorization effective September 15, 2019 and
will expire 3:00 A.M. EST March 16, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Within 15 km of 1593 Spring Hill Road Vienna, VA, within 15 km, centered around NL 38-55-33; WL 77-14-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2025.0125-2109.9875 MHz	MO	25K0G1D	100 W (ERP)	0.0001 %

MOBILE: Withn 15 km of 1593 Spring Hill Road, Vienna, VA., within 15 km, centered around NL 38-55-33; WL 77-14-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2031.5-2103.5 MHz	MO	8M00F2D	1 W (ERP)	0.0001 %

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) The stop buzzer contact for this project is Mark McHenry. Phone: 703 862-7495. Email: mmchenry@sharedspectrum.com
- (4) Shared Spectrum Company shall coordinate with the local Society of Broadcast Engineers coordinator prior to operation to protect the Broadcast Auxiliary operations.
- (5) Shared Spectrum Company must exclude the 2025.0125-2036.0 MHz band from operations when using an emission designator of 25K0G1D and transmit ERP of 100W.