

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

EXPERIMENTAL

(Nature of Service)

WH9XNM

(Call Sign)

XD MO

(Class of Station)

2182-EX-ST-2019

(File Number)

NAME ShawnTech Communications

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:

To provide a Secure Communications / Private Mobile Radio Service to Federal Agencies to manage and control mobile device interdiction.

Station Locations

(1) MOBILE: Florence, CO, within 0.45 km, centered around NL 38-21-30; WL 105-06-25

Frequency Information

MOBILE: Florence, CO, within 0.45 km, centered around NL 38-21-30; WL 105-06-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
716-757 MHz	MO	41M0D7E	5 W (Output Power)	0.5 %
775-776 MHz	MO	1M00D7E	5 W (Output Power)	0.5 %
869-880 MHz	MO	11M0D7E	5 W (Output Power)	0.5 %

This authorization effective December 19, 2019 and
will expire 3:00 A.M. EST May 02, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Florence, CO, within 0.45 km, centered around NL 38-21-30; WL 105-06-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
880-890 MHz	MO	10M0D7E	5 W (Output Power)	0.5 %
890-891.5 MHz	MO	1M50D7E	5 W (Output Power)	0.5 %
891.5-894 MHz	MO	3M50D7E	5 W (Output Power)	0.5 %
1930-1950 MHz	MO	20M0D7E	5 W (Output Power)	0.5 %
1930-1945 MHz	MO	15M0D7E	5 W (Output Power)	0.5 %
1945-1950 MHz	MO	1M50D7E	5 W (Output Power)	0.5 %
1950-1960 MHz	MO	10M0D7E	5 W (Output Power)	0.5 %
1950-1965 MHz	MO	15M0D7E	5 W (Output Power)	0.5 %
1975-1990 MHz	MO	15M0D7E	5 W (Output Power)	0.5 %
1990-1995 MHz	MO	15M0D7E	5 W (Output Power)	0.5 %

Frequency Information

MOBILE: Florence, CO, within 0.45 km, centered around NL 38-21-30; WL 105-06-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2120-2130 MHz	MO	10K0D7E	5 W (Output Power)	0.5 %
2145-2155 MHz	MO	9M00D7E	5 W (Output Power)	0.5 %

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation in the 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
700 MHz Lower Band licensees (698-746 MHz)
700 MHz Upper Band licensees (746-758 MHz and 775-788 MHz)
Cellular licensees (824-849 MHz/869-894 MHz)
Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)