

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

EXPERIMENTAL

(Nature of Service)

WZ9XFY

(Call Sign)

XT FX MO

(Class of Station)

0949-EX-ST-2026

(File Number)

NAME DroneShield LLC

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:

The purpose of the operations is to the DroneShields counter-drone technology and in order to do so must use the EchoGaurd and EchoShield radars

Station Locations

- (1) MOBILE: Summit Point, WV, within 10 km, centered around NL 39-14-32; WL 77-57-57
- (2) Summit Point (JEFFERSON), WV - NL 39-14-32; WL 77-40-33
- (3) Warrenton (FAUQUIER), VA - NL 38-44-39; WL 77-40-33
- (4) Warrenton, VA - NL 38-44-39; WL 77-40-33
- (5) Fredericksburg (STAFFORD), VA - NL 38-22-53; WL 77-35-18
- (6) Fredericksburg (STAFFORD), VA - NL 38-22-53; WL 77-35-07

Frequency Information

MOBILE: Summit Point, WV, within 10 km, centered around NL 39-14-32; WL 77-57-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.7-16.6 GHz	MO	50M0Q3N	55 kW (ERP)	0.001 %

This authorization effective July 10, 2026 and
will expire 3:00 A.M. EST January 01, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Summit Point (JEFFERSON), WV - NL 39-14-32; WL 77-40-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.45-24.65 GHz	FX	45M0FXN	246 W (ERP)	0.001 %

Warrenton (FAUQUIER), VA - NL 38-44-39; WL 77-40-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.25-16.6 GHz	FX	50M0Q3N	55 kW (ERP)	0.001 %

Warrenton, VA - NL 38-44-39; WL 77-40-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.45-24.65 GHz	FX	45M0FXN	246 W (ERP)	0.001 %

Fredericksburg (STAFFORD), VA - NL 38-22-53; WL 77-35-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.45-24.65 GHz	FX	45M0FXN	246 W (ERP)	0.001 %

Frequency Information

Fredericksburg (STAFFORD), VA - NL 38-22-53; WL 77-35-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.7-16.6 GHz	FX	50M0Q3N	55 kW (ERP)	0.001 %

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) Stop Buzzer POC is Jamie Wang at 214-808-8769
- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (5) Licensees must notch out 15.7 - 16.25 GHz, at the Warrenton, VA location to protect ASDE operations in the requested area.