

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

EXPERIMENTAL

(Nature of Service)

WP9XCZ

(Call Sign)

XT FX MO

(Class of Station)

1535-EX-ST-2019

(File Number)

NAME Dominion Virginia Power

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:

Eight BNET-V transceivers manufactured by Rafael Advanced Systems Ltd. will be import into the United States for the purpose of testing and evaluation by Dominion as part of their power grid

Station Locations

- (1) Chesterfield (CHESTERFIELD), VA - NL 37-23-02; WL 77-23-22
- (2) Glen Allen (HANOVER), VA - NL 37-41-54; WL 77-29-00
- (3) Richmond, VA - NL 37-32-16; WL 77-26-24
- (4) MOBILE: Chesterfield, VA, 10 mile radius of coordinates provided, within 10 km, centered around NL 37-23-02; WL 77-23-22
- (5) MOBILE: Glen Allen, VA, 10 mile radius of coordinates provided, within 10 km, centered around NL 37-41-54; WL 77-29-00
- (6) MOBILE: Richmond, VA, 10 mile radius of coordinates provided, within 10 km, centered around NL 37-32-16; WL 77-26-24

Frequency Information

Chesterfield (CHESTERFIELD), VA - NL 37-23-02; WL 77-23-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.375-456.375 MHz	FX	451MKXX	500 W (ERP)	

This authorization effective September 15, 2019 and
will expire 3:00 A.M. EST December 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Chesterfield (CHESTERFIELD), VA - NL 37-23-02; WL 77-23-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.425-456.425 MHz	FX	451MKXX	500 W (ERP)	

Glen Allen (HANOVER), VA - NL 37-41-54; WL 77-29-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.375-456.375 MHz	FX	451MKXX	500 W (ERP)	
451.425-456.425 MHz	FX	451MKXX	500 W (ERP)	

Richmond, VA - NL 37-32-16; WL 77-26-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.375-456.375 MHz	FX	451MKXX	500 W (ERP)	
451.425-456.425 MHz	FX	451MKXX	500 W (ERP)	

MOBILE: Chesterfield, VA, 10 mile radius of coordinates provided, within 10 km, centered around NL 37-23-02; WL 77-23-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.375-456.375 MHz	MO	451MKXX	500 W (ERP)	

Frequency Information

MOBILE: Chesterfield, VA, 10 mile radius of coordinates provided, within 10 km, centered around NL 37-23-02; WL 77-23-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.425-456.425 MHz	MO	451MKXX	500 W (ERP)	

MOBILE: Glen Allen, VA, 10 mile radius of coordinates provided, within 10 km, centered around NL 37-41-54; WL 77-29-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.375-456.375 MHz	MO	451MKXX	500 W (ERP)	
451.425-456.425 MHz	MO	451MKXX	500 W (ERP)	

MOBILE: Richmond, VA, 10 mile radius of coordinates provided, within 10 km, centered around NL 37-32-16; WL 77-26-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.375-456.375 MHz	MO	451MKXX	500 W (ERP)	
451.425-456.425 MHz	MO	451MKXX	500 W (ERP)	

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.

Special Conditions:

- (3) 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:
Paging Service licensees in 454 MHz/459 MHz
General Aviation Air-Ground Service in 454 MHz/459 MHz
- (4) Licensee shall prior coordinate with the local Society of Broadcast Engineers frequency coordinator in each proposed venue to protect the Broadcast Auxiliary Service operations.