

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WP9XFJ

(Call Sign)

1659-EX-ST-2019

(File Number)

NAME Virginia Tech - FAA UAS Test Site

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 experiment is in support of the Virginia Tech FAA UAS Test Site program and over-the-air testing is required to evaluate and validate the CNPC waveform and hardware.

Station Locations

- (1) Cockeysville (BALTIMORE), MD - NL 39-28-00; WL 76-38-31
- (2) Cockeysville (BALTIMORE), MD - NL 39-28-00; WL 76-38-31

Frequency Information

Cockeysville (BALTIMORE), MD - NL 39-28-00; WL 76-38-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5044.8175 MHz	FX	120KG1D	10 W (ERP)	0.00002 %
5045.0325 MHz	FX	120KG1D	10 W (ERP)	0.00002 %
5045.2475 MHz	FX	120KG1D	10 W (ERP)	0.0002 %

This authorization effective September 20, 2019 and
will expire 3:00 A.M. EST March 04, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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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) No Flight test will be conducted.
- (4) Operation is subject to prior coordination with FAA.