

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WI2XQA

(Call Sign)

XR FX

(Class of Station)

0248-EX-CN-2016

(File Number)

NAME Virginia Tech

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(H22) of the Commission's Rules

Station Locations

(1) Blacksburg (MONTGOMERY), VA - NL 37-13-51; WL 80-24-57

Frequency Information

Blacksburg (MONTGOMERY), VA - NL 37-13-51; WL 80-24-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2-25 MHz	FX	100KW2N	60 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.

This authorization effective February 08, 2017 and
will expire 3:00 A.M. EST November 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

(3) Operation is NOT PERMITTED using the following frequency bands:

2495.00 - 2505.00 kHz

2850.00 - 3025.00 kHz

3400.00 - 3500.00 kHz

4650.00 - 4700.00 kHz

4995.00 - 5005.00 kHz

5450.00 - 5680.00 kHz

9995.00 - 10100.00 kHz

11275.00 - 11400.00 kHz

13260.00 - 13600.00 kHz

14990.00 - 15010.00 kHz

17900.00 - 18030.00 kHz

19990.00 - 20010.00 kHz

21924.00 - 22000.00 kHz