

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WH2XEF

(Call Sign)

0339-EX-PL-2014

(File Number)

NAME TrueNorth Avionics LLC

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(h) of the Commission's Rules

Station Locations

(1) Annandale (HUNTERDON), NJ - NL 40-37-01; WL 74-52-42

Frequency Information

Annandale (HUNTERDON), NJ - NL 40-37-01; WL 74-52-42

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 460-470 MHz   | FX            | 10M0P0N             | 10 mW (ERP)      |                           |
| 921-960 MHz   | FX            | 39M0P0N             | 10 mW (ERP)      |                           |
| 1710-1785 MHz | FX            | 300KG7W             | 10 mW (ERP)      |                           |
| 1805-1880 MHz | FX            | 300KG7W<br>75M0P0N  | 10 mW (ERP)      |                           |

This authorization effective May 15, 2014 and  
will expire 3:00 A.M. EST May 01, 2016

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Frequency Information**

Annandale (HUNTERDON), NJ - NL 40-37-01; WL 74-52-42

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2110-2170 MHz | FX            | 60M0P0N             | 10 mW (ERP)      |                           |
| 2500-2690 MHz | FX            | 190MP0N             | 10 mW (ERP)      |                           |

**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) Operation must get consents from the affected Advanced Wireless Service licensees prior to accessing 1710-1785 MHz and 2110-2170 MHz and consents from the affected Educational Broadcast Service/Broadcast Radio Service licensees prior to operation in 2500-2690 MHz.
- (4) Licensee must get consent of all PCS licenses in the immediate area of the testing.