

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WG2XVY

(Call Sign)

0126-EX-ML-2014

(File Number)

NAME Raytheon Company

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(j) of the Commission's Rules

Station Locations

- (1) Pelham, NH - NL 42-44-14; WL 71-21-16
- (2) Pelham (HILLSBOROUGH), NH - NL 42-44-14; WL 71-21-16

Frequency Information

Pelham, NH - NL 42-44-14; WL 71-21-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.4-5.5 GHz	FX	27M3Q1N	428 W (ERP)	
5.4-5.5 GHz	FX	0H00N0N	856 W (ERP)	
5.4-5.5 GHz	FX	100MN0N	0.8 W (ERP)	
5.4-5.5 GHz	FX	4M80Q1N 52M3Q1N	72.5 MW (ERP)	

This authorization effective September 03, 2014 and
will expire 3:00 A.M. EST October 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Pelham, NH - NL 42-44-14; WL 71-21-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.4-5.5 GHz	FX	9M00M1N	72.5 MW (ERP)	

Pelham (HILLSBOROUGH), NH - NL 42-44-14; WL 71-21-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.4-5.5 GHz	FX	52M3Q1N 9M00M1N	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.