

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WF2XNX

(Call Sign)

0157-EX-ML-2011

(File Number)

NAME Raytheon IDS

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(i) of the Commission's Rules

Station Locations

(1) Andover (ESSEX), MA - NL 42-38-18; WL 71-11-32

Frequency Information

Andover (ESSEX), MA - NL 42-38-18; WL 71-11-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100.05-3399.95 MHz	FX	144KW3N	1.7 MW (ERP)	
3100.5-3399.5 MHz	FX	144KW3N	125 MW (ERP)	
3101-3399 MHz	FX	N0N	1.7 MW (ERP)	
3101-3399 MHz	FX	26K0P0N	0.02 MW (ERP)	
3101-3399 MHz	FX	226KQ3N	29.8 MW (ERP)	

This authorization effective July 18, 2011 and
will expire 3:00 A.M. EST July 18, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Andover (ESSEX), MA - NL 42-38-18; WL 71-11-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3101-3399 MHz	FX	626KQ3N	29.8 MW (ERP)	
3102.7-3397.3 MHz	FX	5M31W3N	125 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) Prototype radar system testing