

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

EXPERIMENTAL

(Nature of Service)

WF2XHN

(Call Sign)

XT FX

(Class of Station)

0057-EX-PL-2010

(File Number)

NAME BAE Systems Information and Electronic Systems

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) Nashua (HILLSBOROUGH), NH - NL 42-48-29; WL 71-29-23

Frequency Information

Nashua (HILLSBOROUGH), NH - NL 42-48-29; WL 71-29-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1575.42 MHz	FX	20M4W7D	39.8 pW (ERP)	0.01 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) GPS users in the area of potential interference to GPS reception must be notified that GPS information may be impacted for periods of time.
- (5) The designated point-of-contacts to terminate transmissions if interference occurs is Dennis Murphy (603) 885-5603.

This authorization effective March 12, 2010 and
will expire 3:00 A.M. EST April 03, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (6) Operation is limited to activity for the purpose of testing radio navigation satellite service (RNSS) equipment and systems.
- (7) Licensee is required to post signs on doors to the testing area notifying that, "GPS re-radiator is in use and the GPS information you receive may be in error."
- (8) No EIRP greater than -140 dBm/24 MHz at 100 feet is used.
- (9) The test equipment shall only be used in doors and shall be under the control of BAE Company.