

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

EXPERIMENTAL  
(Nature of Service)

WF2XHD  
(Call Sign)

XC FX  
(Class of Station)

0021-EX-PL-2010  
(File Number)

NAME Raytheon BBN Technologies

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) cambridge (MIDDLESEX), MA - NL 42-23-18; WL 71-08-57

Frequency Information

cambridge (MIDDLESEX), MA - NL 42-23-18; WL 71-08-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2590 MHz	FX	10M0M0W	64 W (ERP)	

Special Conditions:

- (1) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.

This authorization effective February 24, 2010 and will expire 3:00 A.M. EST February 24, 2012

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the NFS contract number 0944089. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.