

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WH2XBL

(Call Sign)

0020-EX-RR-2016

(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(j) of the Commission's Rules

Station Locations

(1) Tewksbury (MIDDLESEX), MA - NL 42-38-25; WL 71-14-37

Frequency Information

Tewksbury (MIDDLESEX), MA - NL 42-38-25; WL 71-14-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5350 MHz	FX	25M3P0N	191 W (ERP)	
5460-5590 MHz	FX	25M3P0N	191 W (ERP)	
5650-6000 MHz	FX	25M3P0N	191 W (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.

This authorization effective April 01, 2016 and
will expire 3:00 A.M. EST March 01, 2018

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Special Conditions:

- (3) Prior coordination with the affected Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103 (d).
- (4) Subject to prior coordination with FAA New England regional office, 12 New England Executive Park, Burlington, Massachusetts 01803 Phone (617) 273-7177.