

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WJ2XAC

(Call Sign)

0431-EX-CN-2017

(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) Burlington (MIDDLESEX), MA - NL 42-28-58; WL 71-11-57

Frequency Information

Burlington (MIDDLESEX), MA - NL 42-28-58; WL 71-11-57

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 9010 MHz  | FX            | 12M0Q3N             | 953.4 kW (ERP)   | 0.001 %                   |
| 9190 MHz  | FX            | 12M0Q3N             | 953.4 kW (ERP)   | 0.001 %                   |

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.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective August 25, 2017 and  
will expire 3:00 A.M. EST September 01, 2019

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COMMUNICATIONS  
COMMISSION**



Special Conditions:

- (4) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (5) Operation on 9000-9200 MHz will be in accordance with the following restrictions:
  - a) PRR = 3.906k pps
  - b) Pulse Duration = 6/55 usec
  - c) No Airborne Platform
  - d) Stage 4 is Fixed Ground Site
- (6) Stop buzzer points of contact are Karen Dyberg at (508) 450-9236 and Nathan Miller at (507) 421-9830