

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WH2XFT

(Call Sign)

0391-EX-PL-2014

(File Number)

NAME Raytheon Integrated Defense 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(j) of the Commission's Rules

Station Locations

- (1) McKinney (COLLIN), TX - NL 33-12-43; WL 96-39-26
- (2) Garland, TX - NL 32-53-59; WL 96-40-45

Frequency Information

McKinney (COLLIN), TX - NL 33-12-43; WL 96-39-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9000-9800 MHz	FX	4M70Q3N 7M10Q3N	492 kW (ERP)	

Garland, TX - NL 32-53-59; WL 96-40-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9000-9800 MHz	FX	4M70Q3N 7M10Q3N	492 kW (ERP)	

This authorization effective September 04, 2014 and
will expire 3:00 A.M. EST September 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Southwest Coordinator, Ft. Worth, TX. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Southwest Coordinator, Ft. Worth, TX, as necessary to ensure compatibility with existing uses.
- (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.
- (4) For the McKinney, TX location NL 33-12-43; WL 96-39-26 , the following conditions must be applied:
 1. TRANSMISSIONS ARE BLANKED BETWEEN 180-250 REFERENCED TO TRUE NORTH.
 2. Pulse Repetition Rate (PRR): 18000 pps
 3. Pulse Duration (PD): 55 usec
- (5) For the Garland, TX location NL 32-53-59; WL 96-40-45 , the following conditions must be applied:
 1. TRANSMISSIONS ARE BLANKED BETWEEN 170-270 REFERENCED TO TRUE NORTH.
 2. Pulse Repetition Rate (PRR): 18000 pps
 3. Pulse Duration (PD): 55 usec
- (6) Stop buzzer point of contact is Mr. John Adams at (714) 262-5019 or (803) 318-0021.