

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WH2XJF

(Call Sign)

0187-EX-TC-2019

(File Number)

NAME Raytheon Company

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

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.3-17.8 GHz	FX	N0N 200HN0N	14.3 kW (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 is required to coordinate operations with existing microwave users in the area to avoid interference.
- (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) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.

This authorization effective January 22, 2020 and
will expire 3:00 A.M. EST September 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) Proposed operation in the 17.3-17.7 GHz band must be prior coordinated with the satellite commercial licensees listed:
http://licensing.fcc.gov/cgi-bin/ws.exe/prod/ib/forms/reports/swr014b.hts?as_subsystem
- (6) Stop buzzer is Thomas Fagan at (520) 465-7087 and (520) 794-0227.