

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WE2XZY

(Call Sign)

0040-EX-ML-2016

(File Number)

NAME Raytheon

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, TX - NL 33-12-42; WL 96-39-25

Frequency Information

McKinney, TX - NL 33-12-42; WL 96-39-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
50-74.8 MHz	FX	NON	79.4 W (ERP)	
75.4-100 MHz	FX	NON	79.4 W (ERP)	
100-108 MHz	FX	NON	79.4 W (ERP)	
121.9-121.95 MHz	FX	NON	79.4 W (ERP)	

This authorization effective March 07, 2016 and
will expire 3:00 A.M. EST September 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

McKinney, TX - NL 33-12-42; WL 96-39-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
137-138 MHz	FX	N0N	79.4 W (ERP)	
216-220 MHz	FX	N0N	79.4 W (ERP)	
425-456 MHz	FX	N0N	79.4 W (ERP)	
460-470 MHz	FX	N0N	79.4 W (ERP)	
614-758 MHz	FX	N0N	79.4 W (ERP)	
769-788 MHz	FX	N0N	79.4 W (ERP)	
799-932 MHz	FX	N0N	79.4 W (ERP)	
935-941 MHz	FX	N0N	79.4 W (ERP)	
944-960 MHz	FX	N0N	79.4 W (ERP)	
1525-1559 MHz	FX	N0N	79.4 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1610-1660.5 MHz	FX	N0N	79.4 W (ERP)	
1668.4-1700 MHz	FX	N0N	79.4 W (ERP)	
1850-2000 MHz	FX	N0N	79.4 W (ERP)	

Special Conditions:

- (1) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Tracy Johnson at (972) 952-3447.
- (6) Due to auxiliary broadcast stations within 20 km of the reported geographical coordinates, operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (7) Licensee must coordinate with Fixed Point to Point and Multiple Address System licensees.
- (8) Licensee should get consent from existing and future Advance Wireless Services (AWS) licensees in the geographic area where the tests are being conducted.
- (9) No operation is permitted in D-Block public safety bands 758-769 MHz and 788-799 MHz.
- (10) Operation is subject to prior coordination with incumbent FM licensees in 88-100 MHz band.