

**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)

0078-EX-PL-2009

(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(i) 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 (+/-)
100-108 MHz	FX	NON	79.4 W (ERP)	
118.825-119.925 MHz	FX	NON	79.4 W (ERP)	
121.9-121.95 MHz	FX	NON	79.4 W (ERP)	
137-138 MHz	FX	NON	79.4 W (ERP)	

This authorization effective September 14, 2009 and
will expire 3:00 A.M. EST September 14, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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)	
614-932 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)	
1610-1660.5 MHz	FX	N0N	79.4 W (ERP)	
1668.4-1700 MHz	FX	N0N	79.4 W (ERP)	
1.85-2 GHz	FX	N0N	79.4 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.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. David Townsend, phone 206-851-4597, (cell) or (972) 952-2828, (work) and Mr. Tom Proctor, phone (972) 880-8047.
- (5) 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.
- (6) Licensee must coordinate with Fixed Point to Point and Multiple Address System licensees.
- (7) Licensee should get consent from existing and future Advance Wireless Services licensees in the geographic area where the tests are being conducted.
- (8) Operation is NOT permitted on the spot frequencies 118.875 MHz and 119.25 MHz in all other areas.