

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WE2XTK

(Call Sign)

0284-EX-PL-2008

(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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Mckinney (COLLIN), TX, within 40 km, centered around NL 33-12-50; WL 96-39-47

Frequency Information

MOBILE: Mckinney (COLLIN), TX, within 40 km, centered around NL 33-12-50; WL 96-39-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
500-608 MHz	MO	26K0N0N	0.5 W (ERP)	
614-699 MHz	MO	26K0N0N	0.5 W (ERP)	
801-960 MHz	MO	51K0N0N	0.5 W (ERP)	
1395-1400 MHz	MO	153KN0N	0.5 W (ERP)	

This authorization effective February 03, 2009 and
will expire 3:00 A.M. EST February 03, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: McKinney (COLLIN), TX, within 40 km, centered around NL 33-12-50; WL 96-39-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1427-1570 MHz	MO	153KN0N	0.5 W (ERP)	
1610-1709 MHz	MO	26K0N0N	0.5 W (ERP)	
1755-1900 MHz	MO	76K0N0N	0.5 W (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation is subject to prior coordination with Fixed Microwave licensees.
- (4) Due to auxiliary broadcast service, 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
- (5) Operation must NOTCH OUT the frequency bands; 608-614 MHz, 960-970 MHz, and 1577-1610 MHz.
- (6) No operation is allowed for the frequency band 1400-1427 MHz.
- (7) The designated point-of-contact to terminate transmissions if interference occurs is Mr. John Adams, cellular phone (803) 318-0021.
- (8) Operations under the authority of this assignment are subject to immediate adjustment, including cessation, if they result in harmful interference to the FAA OPS in 932-941 MHz frequency band.