

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

EXPERIMENTAL

(Nature of Service)

WE2XTK

(Call Sign)

XD MO

(Class of Station)

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 (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 500-699 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.

This authorization effective September 16, 2008 and  
will expire 3:00 A.M. EST September 16, 2010

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (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](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org)
- (5) Operation must NOTCH OUT the frequency bands; 608-614 MHz, 960-970 MHz, and 1577-1610 MHz.
- (6) The designated point-of-contact to terminate transmissions if interference occurs is Mr. John Adams, cellular phone (803) 318-0021.