

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

EXPERIMENTAL

(Nature of Service)

WG2XBK

(Call Sign)

XD      FX MO

(Class of Station)

0014-EX-PL-2012

(File Number)

NAME Raytheon Network Centric Systems

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 (COLLIN), TX - NL 33-12-50; WL 96-39-24; MOBILE: McKinney (COLLIN), TX, within 10 km, centered around NL 33-12-50; WL 96-39-24
- (2) McKinney (COLLIN), TX - NL 33-12-50; WL 96-39-24; MOBILE: McKinney (COLLIN), TX, within 20 km, centered around NL 33-12-50; WL 96-39-24

Frequency Information

McKinney (COLLIN), TX - NL 33-12-50; WL 96-39-24; MOBILE: McKinney (COLLIN), TX, within 20 km, centered around NL :

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 4720-4990 MHz | FX            | 20M0D1D             | 1 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 designated point-of-contact to terminate transmissions if interference occurs is Mr. Mark Volpe at (727) 512-0305.
- (4) Operation must be prior coordinated and approved by 4940-4990 MHz licensees within 50 miles of proposed location.

This authorization effective January 31, 2012 and  
will expire 3:00 A.M. EST January 31, 2013

**FEDERAL  
COMMUNICATIONS  
COMMISSION**

