

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

EXPERIMENTAL

(Nature of Service)

WF2XBX

(Call Sign)

XD MO

(Class of Station)

0252-EX-PL-2009

(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) MOBILE: Tucson (PIMA), AZ, within 40 km, centered around NL 32-07-36; WL 110-58-31
- (2) MOBILE: Fort Wayne (ALLEN), IN, within 40 km, centered around NL 41-07-18; WL 85-09-52
- (3) MOBILE: Fullerton (ORANGE), CA, within 40 km, centered around NL 33-52-15; WL 117-55-49
- (4) MOBILE: McKinney (COLLIN), TX, within 40 km, centered around NL 33-11-40; WL 96-39-56
- (5) MOBILE: ST, Petersburg (PINELLAS), FL, within 40 km, centered around NL 27-46-19; WL 82-38-26
- (6) MOBILE: Marlborough (MIDDLESEX), MA, within 40 km, centered around NL 42-20-59; WL 71-32-50

Frequency Information

MOBILE: Tucson (PIMA), AZ, within 40 km, centered around NL 32-07-36; WL 110-58-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1850 MHz	MO	1M20F1D	5 W (ERP)	

This authorization effective August 27, 2009 and
will expire 3:00 A.M. EST August 27, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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Frequency Information

MOBILE: Marlborough (MIDDLESEX), MA, within 40 km, centered around NL 42-20-59; WL 71-32-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1755-1850 MHz	MO	1M20F1D	5 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 band 1750-1850 MHz is primary federal spectrum and any use of this band should support federal government contracts or foreign sales.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. John Adams, cellular number: (714) 262-5019 or Office: (803) 318-0021.
- (5) Licensee should get consent from existing and future Advance Wireless Services licensees in the 1750-1755 MHz band.
- (6) Operation in the frequency band 1755 MHz-1850 MHz is subject to immediate adjustment, including cessation, if they results in harmful interference to the military assignments.
- (7) This license SUPERSEDES the previously issued license with the same call sign and file number: amends on the frequency bands, change from 1750-1850 MHz to 1755-1850 MHz.