

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

EXPERIMENTAL

(Nature of Service)

WD2XYV

(Call Sign)

XD FX MO

(Class of Station)

0329-EX-RR-2009

(File Number)

NAME Raytheon Corportation

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) Davenport (SCOTT), IA - NL 41-31-40; WL 90-35-12; MOBILE: Davenport (SCOTT), IA, within 100 km, centered around NL 41-31-40; WL 90-35-12
- (2) East Moline (ROCK ISLAND), IL - NL 41-30-59; WL 90-26-07; MOBILE: East Moline (ROCK ISLAND), IL, within 100 km, centered around NL 41-30-59; WL 90-26-07
- (3) Rock Island (ROCK ISLAND), IL - NL 41-28-07; WL 90-32-08; MOBILE: Rock Island (ROCK ISLAND), IL, within 100 km, centered around NL 41-28-07; WL 90-32-08
- (4) Bettendorf (SCOTT), IA - NL 41-33-35; WL 90-31-17; MOBILE: Bettendorf (SCOTT), IA, within 100 km, centered around NL 41-33-35; WL 90-31-17

Frequency Information

Davenport (SCOTT), IA - NL 41-31-40; WL 90-35-12; MOBILE: Davenport (SCOTT), IA, within 100 km, centered around NL 4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1792.5 MHz	FX	5M00F9W	55 mW (ERP)	
1792.5 MHz	MO	5M00F9W	55 mW (ERP)	

This authorization effective January 01, 2010 and
will expire 3:00 A.M. EST January 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

East Moline (ROCK ISLAND), IL - NL 41-30-59; WL 90-26-07; MOBILE: East Moline (ROCK ISLAND), IL, within 100 km, cen

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1792.5 MHz	FX	5M00F9W	55 mW (ERP)	
1792.5 MHz	MO	5M00F9W	55 mW (ERP)	

Rock Island (ROCK ISLAND), IL - NL 41-28-07; WL 90-32-08; MOBILE: Rock Island (ROCK ISLAND), IL, within 100 km, cen

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1792.5 MHz	FX	5M00F9W	55 mW (ERP)	
1792.5 MHz	MO	5M00F9W	55 mW (ERP)	

Bettendorf (SCOTT), IA - NL 41-33-35; WL 90-31-17; MOBILE: Bettendorf (SCOTT), IA, within 100 km, centered around NL 4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1792.5 MHz	FX	5M00F9W	55 mW (ERP)	
1792.5 MHz	MO	5M00F9W	55 mW (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

Special Conditions:

- (3) 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.