

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

EXPERIMENTAL

(Nature of Service)

WA2XYH

(Call Sign)

XD FX MO

(Class of Station)

0019-EX-RR-2007

(File Number)

NAME Raytheon Company - Electronic Systems Division

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(d, h) of the Commission's Rules

Station Locations

(1) US, US; MOBILE: Nationwide

Frequency Information

US, US; MOBILE: Nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27500-28350 MHz	FX	500MF7D	316 kW (ERP)	
27500-28350 MHz	MO	500MF7D	10 kW (ERP)	
31000-31300 MHz	FX	300MF7D	316 kW (ERP)	
31000-31300 MHz	MO	300MF7D	10 kW (ERP)	

This authorization effective February 01, 2007 and
will expire 3:00 A.M. EST February 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) Prior to any operation, consent from Part 101 licensee(s) is required.