

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

EXPERIMENTAL

(Nature of Service)

WG2XIW

(Call Sign)

XD FX MO

(Class of Station)

0100-EX-ML-2015

(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(j) of the Commission's Rules

Station Locations

- (1) Fullerton (ORANGE), CA - NL 33-52-55; WL 117-57-41; MOBILE: Fullerton, CA, within 50 km
- (2) MOBILE: Bakerfield, CA, within 50 km, centered around NL 35-22-08; WL 119-01-13
- (3) MOBILE: Antelop Valley, CA, within 50 km, centered around NL 34-45-34; WL 118-21-42
- (4) MOBILE: Palmdale, CA, within 50 km, centered around NL 34-35-15; WL 118-07-02

Frequency Information

Fullerton (ORANGE), CA - NL 33-52-55; WL 117-57-41; MOBILE: Fullerton, CA, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-450 MHz	MO	1M20F1D 4M25F1D	100 W (ERP)	

MOBILE: Bakerfield, CA, within 50 km, centered around NL 35-22-08; WL 119-01-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-450 MHz	MO	1M20F1D	100 W (ERP)	

This authorization effective June 15, 2015 and
will expire 3:00 A.M. EST October 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Bakerfield, CA, within 50 km, centered around NL 35-22-08; WL 119-01-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-450 MHz	MO	4M25F1D	100 W (ERP)	

MOBILE: Antelope Valley, CA, within 50 km, centered around NL 34-45-34; WL 118-21-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-450 MHz	MO	1M20F1D 4M25F1D	100 W (ERP)	

MOBILE: Palmdale, CA, within 50 km, centered around NL 34-35-15; WL 118-07-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-450 MHz	MO	1M20F1D 4M25F1D	100 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. John F. Adams at (714) 262-5019.
- (5) Operation is subject to prior coordination with WAFC at (760) 939-6948.