

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

EXPERIMENTAL

(Nature of Service)

WE2XDD

(Call Sign)

XD FX MO

(Class of Station)

0086-EX-ML-2008

(File Number)

NAME Raytheon Company

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) Fullerton (ORANGE), CA - NL 33-52-44; WL 117-57-23
- (2) Fullerton (ORANGE), CA - NL 33-52-44; WL 117-57-23
- (3) Fullerton (ORANGE), CA - NL 33-52-50; WL 117-57-20
- (4) Fullerton (ORANGE), CA - NL 33-52-50; WL 117-57-20
- (5) Fullerton (ORANGE), CA - NL 33-52-42; WL 117-57-13
- (6) MOBILE: Fullerton (ORANGE), CA, within 0.76 km, centered around NL 33-52-20; WL 117-57-20
- (7) MOBILE: Transportable, within Raytheon Fullerton Site, within 0.76 km, centered around NL 33-52-44; WL 117-57-14

Frequency Information

Fullerton (ORANGE), CA - NL 33-52-44; WL 117-57-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5850-5925 MHz	FX	20M0D7D	2.51 W (ERP)	

This authorization effective October 01, 2008 and
will expire 3:00 A.M. EST October 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Fullerton (ORANGE), CA - NL 33-52-44; WL 117-57-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5850-5925 MHz	FX	20M0D7D	2.51 W (ERP)	

Fullerton (ORANGE), CA - NL 33-52-50; WL 117-57-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5850-5925 MHz	FX	20K0D7D	2.51 W (ERP)	

Fullerton (ORANGE), CA - NL 33-52-50; WL 117-57-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5850-5925 MHz	FX	20M0D7D	2.51 W (ERP)	

Fullerton (ORANGE), CA - NL 33-52-42; WL 117-57-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5850-5925 MHz	FX	20M0D7D	800 mW (ERP)	

Frequency Information

MOBILE: Fullerton (ORANGE), CA, within 0.76 km, centered around NL 33-52-20; WL 117-57-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5850-5925 MHz	MO	20M0D7D	800 mW (ERP)	

MOBILE: Transportable, within Raytheon Fullerton Site, within 0.76 km, centered around NL 33-52-44; WL 117-57-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5850-5925 MHz	MO	20M0D7D	800 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.