

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WI2XEO

(Call Sign)

0051-EX-PL-2016

(File Number)

NAME Raytheon Missile 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) Los Angeles (LOS ANGELES), CA - NL 33-56-30; WL 118-22-23
- (2) Huntington Beach (ORANGE), CA - NL 33-44-06; WL 118-01-35
- (3) Irvine (ORANGE), CA - NL 33-38-02; WL 117-44-14
- (4) Los Alamitos (ORANGE), CA - NL 33-48-21; WL 118-03-30

Frequency Information

Los Angeles (LOS ANGELES), CA - NL 33-56-30; WL 118-22-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.425 MHz	FX	25K0G1D	17.18 W (ERP)	
437.425 MHz	FX	25K0G1D	5.18 nW (ERP)	
437.45 MHz	FX	25K0G1D	17.18 W (ERP)	

This authorization effective February 22, 2016 and
will expire 3:00 A.M. EST March 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Los Angeles (LOS ANGELES), CA - NL 33-56-30; WL 118-22-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.45 MHz	FX	25K0G1D	5.18 nW (ERP)	
2425 MHz	FX	1M60G1D	9.661 W (ERP)	

Huntington Beach (ORANGE), CA - NL 33-44-06; WL 118-01-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.425 MHz	FX	25K0G1D	17.18 W (ERP)	
437.425 MHz	FX	25K0G1D	5.18 nW (ERP)	
437.45 MHz	FX	25K0G1D	17.18 W (ERP)	
437.45 MHz	FX	25K0G1D	5.18 nW (ERP)	
2425 MHz	FX	1M60G1D	9.661 W (ERP)	

Frequency Information

Irvine (ORANGE), CA - NL 33-38-02; WL 117-44-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.425 MHz	FX	25K0G1D	17.18 W (ERP)	
437.425 MHz	FX	25K0G1D	5.18 nW (ERP)	
437.45 MHz	FX	25K0G1D	17.18 W (ERP)	
437.45 MHz	FX	25K0G1D	5.18 nW (ERP)	
2425 MHz	FX	1M60G1D	9.661 W (ERP)	

Los Alamitos (ORANGE), CA - NL 33-48-21; WL 118-03-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.425 MHz	FX	25K0G1D	17.18 W (ERP)	
437.425 MHz	FX	25K0G1D	5.18 nW (ERP)	
437.45 MHz	FX	25K0G1D	17.18 W (ERP)	
437.45 MHz	FX	25K0G1D	5.18 nW (ERP)	

Frequency Information

Los Alamitos (ORANGE), CA - NL 33-48-21; WL 118-03-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2425 MHz	FX	1M60G1D	9.661 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) Operation is limited to on the ground and indoor only.