

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WI2XEX

(Call Sign)

0094-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) Rancho Cucamonga (LOS ANGELES), CA - NL 34-05-19; WL 117-34-25
- (2) Sunset Ridge (LOS ANGELES), CA - NL 34-11-11; WL 117-42-12

Frequency Information

Rancho Cucamonga (LOS ANGELES), CA - NL 34-05-19; WL 117-34-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
73.5 GHz	FX	160MF2D 800MF1D 5G00F2D	1.83 MW (ERP)	
83.5 GHz	FX	160MF2D 800MF2D 5G00F2D	1.83 MW (ERP)	
93 GHz	FX	160MF2D 800MF2D	1.83 MW (ERP)	

This authorization effective March 15, 2016 and
will expire 3:00 A.M. EST March 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Rancho Cucamonga (LOS ANGELES), CA - NL 34-05-19; WL 117-34-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
93 GHz	FX	2G00F2D	1.83 MW (ERP)	

Sunset Ridge (LOS ANGELES), CA - NL 34-11-11; WL 117-42-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
73.5 GHz	FX	160MF2D 800MF2D 5G00F2D	1.83 MW (ERP)	
83.5 GHz	FX	160MF2D 800MF2D 5G00F2D	1.83 MW (ERP)	
93 GHz	FX	160MF2D 800MF2D 2G00F2D	1.83 MW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Prior to operation, licensee of this authorization must successfully coordinate with the existing and future 71- 76 GHz, 81-86 GHz and 92-95 GHz users.
- (4) Stop buzzer is Thomas J. Fagan at (520) 794-0227.