

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WG2XEK

(Call Sign)

0211-EX-ML-2014

(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) Van Nuys (LOS ANGELES), CA - NL 34-21-10; WL 118-25-01
- (2) MOBILE: Van Nuys, CA, within 1 km, centered around NL 34-21-10; WL 118-25-00
- (3) Van Nuys (LOS ANGELES), CA - NL 34-12-51; WL 118-28-17

Frequency Information

Van Nuys (LOS ANGELES), CA - NL 34-21-10; WL 118-25-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-76 GHz	FX	160MF2D 800MF2D 5G00F2D	360 kW (ERP)	
81-86 GHz	FX	160MF2D 800MF2D 5G00F2D	360 kW (ERP)	
92-94 GHz	FX	160MF2D 800MF2D	360 kW (ERP)	

This authorization effective December 15, 2014 and
will expire 3:00 A.M. EST June 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Van Nuys (LOS ANGELES), CA - NL 34-21-10; WL 118-25-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
92-94 GHz	FX	2G00F2D	360 kW (ERP)	

MOBILE: Van Nuys, CA, within 1 km, centered around NL 34-21-10; WL 118-25-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-76 GHz	MO	160MF2D 800MF2D	360 kW (ERP)	
81-86 GHz	MO	160MF2D 800MF2D	360 kW (ERP)	
92-94 GHz	MO	160MF2D 800MF2D	360 kW (ERP)	

Van Nuys (LOS ANGELES), CA - NL 34-12-51; WL 118-28-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71000-76000 MHz	FX	160MF2D 800MF2D 5G00F2D	2 MW (ERP)	
81000-86000 MHz	FX	160MF2D 800MF2D	2 MW (ERP)	

Frequency Information

Van Nuys (LOS ANGELES), CA - NL 34-12-51; WL 118-28-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
81000-86000 MHz	FX	5G00F2D	2 MW (ERP)	
92000-94000 MHz	FX	160MF2D 800MF2D 2G00F2D	2 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) 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) Licensee shall comply with the coordination requirements of Part 101.1523 of the Commission's Rules.