

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

EXPERIMENTAL

(Nature of Service)

WG2XEK

(Call Sign)

XD FX MO

(Class of Station)

0099-EX-ML-2013

(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(i) 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

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	360 kW (ERP)	
81-86 GHz	FX	160MF2D 800MF2D	360 kW (ERP)	
92-94 GHz	FX	160MF2D 800MF2D	360 kW (ERP)	

This authorization effective July 03, 2013 and
will expire 3:00 A.M. EST April 16, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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)	

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.