

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

EXPERIMENTAL

(Nature of Service)

WB2XGA

(Call Sign)

XD FX MO

(Class of Station)

0235-EX-RR-2009

(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(b) of the Commission's Rules

Station Locations

- (1) Rancho Cucamonga (SAN BERNARDINO), CA - NL 34-05-20; WL 117-34-25; MOBILE: Rancho Cucamonga, CA, within 20 km, centered around NL 34-05-20; WL 117-34-25
- (2) Van Nuys, CA - NL 34-12-18; WL 118-28-48; MOBILE: Van Nuys, CA, within 6 km, centered around NL 34-12-18; WL 118-28-48
- (3) Malibu, CA - NL 34-03-00; WL 118-41-15; MOBILE: Malibu, CA, within 10 km, centered around NL 34-03-00; WL 118-41-15

Frequency Information

Rancho Cucamonga (SAN BERNARDINO), CA - NL 34-05-20; WL 117-34-25; MOBILE: Rancho Cucamonga, CA, within 20 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35000 MHz	MO	1G00P0N	3.2 MW (ERP)	
35000 MHz	FX	1G00P0N	3.2 MW (ERP)	

This authorization effective November 01, 2009 and
will expire 3:00 A.M. EST November 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Van Nuys, CA - NL 34-12-18; WL 118-28-48; MOBILE: Van Nuys, CA, within 6 km, centered around NL 34-12-18; WL 118-28-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35000 MHz	MO	1G00P0N	3.2 MW (ERP)	
35000 MHz	FX	1G00P0N	3.2 MW (ERP)	

Malibu, CA - NL 34-03-00; WL 118-41-15; MOBILE: Malibu, CA, within 10 km, centered around NL 34-03-00; WL 118-41-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35000 MHz	MO	1G00P0N	3.2 MW (ERP)	
35000 MHz	FX	1G00P0N	3.2 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.