

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WE2XEU

(Call Sign)

0630-EX-PL-2006

(File Number)

NAME Raytheon Systems (SAS)

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) LAX AIRPORT, CA - NL 33-56-17; WL 118-25-16; MOBILE: LAX Airport, Los Angeles, CA, at an altitude of 5000 ft. to 35000 ft., within 250 km, centered around NL 33-56-17; WL 118-25-16
- (2) CHINA LAKE NAWC, CA - NL 35-41-05; WL 117-40-45; MOBILE: China Lake NAWC, CA, at an altitude of 5000 ft. to 35000 ft., within 250 km, centered around NL 35-41-05; WL 117-40-45

Frequency Information

LAX AIRPORT, CA - NL 33-56-17; WL 118-25-16; MOBILE: LAX Airport, Los Angeles, CA, at an altitude of 5000 ft. to 35000

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9975 GHz	MO	466MV3N 1G30V2N	100 kW (ERP)	
9975 GHz	FX	1G30V2N 466MV3N	100 kW (ERP)	

This authorization effective April 14, 2008 and
will expire 3:00 A.M. EST April 15, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

CHINA LAKE NAWC, CA - NL 35-41-05; WL 117-40-45; MOBILE: China Lake NAWC, CA, at an altitude of 5000 ft. to 35000

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.3-10.65 GHz	MO	1G30V2N 466MV3N	100 kW (ERP)	
9.3-10.65 GHz	FX	466MV3N 1G30V2N	100 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Operation is subject to prior coordination with China Lake spectrum management personnel (telephone 760-939-6827).
- (4) Operation is subject to prior coordination Western Area Frequency Coordinator (WAFC) concurs with use at LAX and China Lake NAWC. Scheduling is required with the WAFC using IFDS 48 hours prior to start of operations. POC for entry into IFDS is Ms. Viki Prusia, CML: 760-939-8069, email: viki.prusia@navy.mil.
- (5) Stop Buzzer: Brent Adams at (310) 334-7786.