

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

EXPERIMENTAL

(Nature of Service)

WC9XLI

(Call Sign)

XT FX MO

(Class of Station)

0099-EX-ML-2010

(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) 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 115-40-45
- (2) 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
- (3) EL SEGUNDO (LOS ANGELES), CA - NL 33-55-44; WL 118-23-33

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 f

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.7-17.3 GHz	MO	1G42Q1N	190 kW (ERP)	

This authorization effective December 02, 2010 and
will expire 3:00 A.M. EST June 23, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



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 ft

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.75 GHz	MO	1G10V2N	190 kW (ERP)	

EL SEGUNDO (LOS ANGELES), CA - NL 33-55-44; WL 118-23-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.7-17.3 GHz	FX	1G42Q1N	190 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 the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (4) 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.
- (5) Operation is subject to prior coordination with Fixed Microwave licensees.