

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

EXPERIMENTAL

(Nature of Service)

XR FX

(Class of Station)

WG2XHX

(Call Sign)

0319-EX-PL-2012

(File Number)

NAME Raytheon Company

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) Sunnyvale (SANTA CLARA), CA - NL 37-22-51; WL 122-02-09

Frequency Information

Sunnyvale (SANTA CLARA), CA - NL 37-22-51; WL 122-02-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11749 MHz	FX	N0N 1M64G7D	2.04 kW (ERP)	
11750.75 MHz	FX	N0N 1M64G7D 1M64G7D 1M64G7D	2.04 kW (ERP)	
14049 MHz	FX	N0N 1M64G7D	513 kW (ERP)	

This authorization effective August 28, 2012 and
will expire 3:00 A.M. EST August 28, 2014

**FEDERAL
COMMUNICATIONS
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Frequency Information

Sunnyvale (SANTA CLARA), CA - NL 37-22-51; WL 122-02-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14050.75 MHz	FX	N0N 1M64G7D	513 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.