

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WG9XLB

(Call Sign)

0162-EX-ST-2013

(File Number)

NAME Raytheon Company

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Conducting radar transmitter technology test.

Station Locations

(1) El Segundo (LOS ANGELES), CA - NL 33-54-50; WL 118-23-23

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-54-50; WL 118-23-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1310 MHz	FX	45M4Q3N	25 kW (ERP)	
1360 MHz	FX	45M4Q3N	25 kW (ERP)	
3040 MHz	FX	45M4Q3N	100 kW (ERP)	

This authorization effective May 01, 2013 and
will expire 3:00 A.M. EST June 02, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-54-50; WL 118-23-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3320 MHz	FX	45M4Q3N	100 kW (ERP)	
9600 MHz	FX	45M4Q3N	398 kW (ERP)	
9690 MHz	FX	45M4Q3N	398 kW (ERP)	

Special Conditions:

- (1) 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.
- (2) The direction of transmission of the radar frequency (1310 MHz) must be 160 and 280 degrees reference to true north. All other angles must be blanked.
- (3) Raytheon must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Szelog at (760) 939-6948 prior to any operations to mitigate harmful interference to Navy assignments. Raytheon must also comply with any and all restrictions/scheduling that may be levied by the WAFC.