

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

EXPERIMENTAL

(Nature of Service)

WI9XQD

(Call Sign)

XT MO

(Class of Station)

1116-EX-ST-2015

(File Number)

NAME The Boeing 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:

Testing of CDL communication equipment to validate links properly transmit necessary data.

Station Locations

- (1) MOBILE: Boeing Campus, Huntington Beach, CA, within 10 km, centered around NL 33-44-53; WL 118-02-14

Frequency Information

MOBILE: Boeing Campus, Huntington Beach, CA, within 10 km, centered around NL 33-44-53; WL 118-02-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-14.83 GHz	MO	89M4G1D 64M0G1D 21M4G1D 8M00G1D	79 W (ERP)	
14.4-14.83 GHz	MO	89M4G1D 64M0G1D 21M4G1D	229 W (ERP)	

This authorization effective March 14, 2016 and
will expire 3:00 A.M. EST June 21, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Boeing Campus, Huntington Beach, CA, within 10 km, centered around NL 33-44-53; WL 118-02-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-14.83 GHz	MO	8M00G1D	229 W (ERP)	
14.4-14.83 GHz	MO	323MG2W 40M0G1D	2511 W (ERP)	
14.6-15.1 GHz	MO	323MG2W 40M0G2W	2511 W (ERP)	
15.15-15.35 GHz	MO	89M4G1D 64M0G1D 21M4G1D 8M00G1D	229 W (ERP)	
15.15-15.35 GHz	MO	89M4G1D 64M0G1D 21M4G1D 8M00G1D	79 W (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation is limited to directional antenna operating with main beam pointed to the geographic horizon or below; and not prejudice to future FCC grants or rule makings.
- (4) The Boeing Company must be made aware that for mobile operations, the following band must be utilized: 14.7145 -15.1365 MHz.

Special Conditions:

- (5) The Boeing Company must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Heaton at (760) 939-6948 (Jamie.heaton@navy.mil) prior to any operations to mitigate harmful interference to Navy and Marine Corps assignments. The Boeing Company must also comply with any and all restrictions that may be levied by WAFC.