

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

EXPERIMENTAL

(Nature of Service)

WJ9XEW

(Call Sign)

XT MO

(Class of Station)

1221-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:

The equipment will be set up to verify the down-link operation only by independently transmitting on each of the three proposed three frequencies.

Station Locations

(1) MOBILE: St Louis, MO, within 250 km, centered around NL 38-45-08; WL 90-23-20

Frequency Information

MOBILE: St Louis, MO, within 250 km, centered around NL 38-45-08; WL 90-23-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4650 MHz	MO	17M0F9W 1M62F1D	60 W (ERP)	0.00005 %
4670 MHz	MO	17M0F9W 1M62F1D	60 W (ERP)	0.00005 %
4690 MHz	MO	17M0F9W	60 W (ERP)	0.00005 %

This authorization effective March 22, 2015 and
will expire 3:00 A.M. EST July 16, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: St Louis, MO, within 250 km, centered around NL 38-45-08; WL 90-23-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4690 MHz	MO	1M62F1D	60 W (ERP)	0.00005 %

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.
- (3) Boeing must not operate within 100 Km of following coordinated, to avoid interference with U.S. Army operations in and around Havana and Peoria, Illinois:

401336N 0900138W

403940N 0894056W