

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI9XIZ

(Call Sign)

0217-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:

Development SATCOM testing will use commercial SATCOM service providers.

Station Locations

(1) Kent (KING), WA - NL 47-25-01; WL 122-15-11

Frequency Information

Kent (KING), WA - NL 47-25-01; WL 122-15-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29-31 GHz	FX	10M0G7D 500KG7D	20 MW (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.

This authorization effective March 12, 2015 and
will expire 3:00 A.M. EST September 13, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) In accordance with Article 4.4 of the ITU Radio Regulations, the operations authorized herein shall not cause harmful interference to, and shall not claim protection from harmful interference caused by, a station operating in accordance with the provisions of the ITU Constitution, the ITU Convention, and the ITU Radio Regulations.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Steven L Harmon at 206-769-5606 .
- (5) Operation is subject to prior coordination with existing and future Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).
- (6) Testing must be coordinated with all commercial satellite operators prior to testing in the 29.0-30.0 GHz band.
- (7) Aircraft stations must comply with operational constraints for Ku band ESAA platforms that are defined in 25.227.