

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

EXPERIMENTAL

(Nature of Service)

WG2XCL

(Call Sign)

XT FX

(Class of Station)

0651-EX-CR-2019

(File Number)

NAME The Boeing 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) Renton (KING), WA - NL 47-26-39; WL 122-13-33
- (2) Seattle (KING), WA - NL 47-30-52; WL 122-17-53

Frequency Information

Renton (KING), WA - NL 47-26-39; WL 122-13-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12-18 GHz	FX	NON	50 W (ERP)	
26.5-60 GHz	FX	NON	50 W (ERP)	

This authorization effective March 01, 2020 and
will expire 3:00 A.M. EST March 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Seattle (KING), WA - NL 47-30-52; WL 122-17-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12-18 GHz	FX	N0N	50 W (ERP)	
26.5-60 GHz	FX	N0N	50 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) The designated point-of-contact to terminate transmissions if interference occurs is Ming Chen at 425-965-1343.
- (4) Prior to operation, licensee must coordinate with stations authorized to operate in these frequency bands that are located within a within a 25 mile radius of the transmitter.
- (5) Operation is NOT PERMITTED using the following frequency bands:
 - 15.35 - 15.4 GHz
 - 31.3-31.8 GHz.
 - 50.2-50.4 GHz
 - 52.6-54.25 GHz