

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

EXPERIMENTAL

(Nature of Service)

WG2XRZ

(Call Sign)

XT      FX

(Class of Station)

0178-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) Seattle (KING), WA - NL 47-31-56; WL 122-18-58
- (2) Tukwila (KING), WA - NL 47-30-52; WL 122-17-53

Frequency Information

Seattle (KING), WA - NL 47-31-56; WL 122-18-58

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 900-928 MHz   | FX            | NON                 | 200 W (ERP)      |                           |
| 2400-2500 MHz | FX            | NON                 | 200 W (ERP)      |                           |

This authorization effective July 01, 2019 and  
will expire 3:00 A.M. EST July 01, 2021

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

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

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 900-928 MHz   | FX            | N0N                 | 200 W (ERP)      |                           |
| 2400-2500 MHz | FX            | N0N                 | 200 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 if interference occurs is Henry Zhang, 206-544-9092 and Allen S Lindsay, SR, 206-544-6053.
- (4) The applicant must obtain consents from the Broadband Radio Service licensees prior to accessing to 2496-2500 MHz band.
- (5) The applicant must coordinate with the affected Fixed Microwave Service licensees prior to operation in 2450-2500 MHz band.
- (6) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
  - Location & Monitoring Service licensees (902-928 MHz)