

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

EXPERIMENTAL

(Nature of Service)

WL2XXR

(Call Sign)

XT FX MO

(Class of Station)

0546-EX-CN-2021

(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(h) of the Commission's Rules

Station Locations

- (1) Ridley Park, PA - NL 39-51-39; WL 75-19-10
- (2) MOBILE: Only within the two assembly buildings, Ridley Park, PA, within 1 km, centered around NL 39-51-42; WL 75-19-03

Frequency Information

Ridley Park, PA - NL 39-51-39; WL 75-19-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
75-85 GHz	FX	NON	100 mW (ERP)	

MOBILE: Only within the two assembly buildings, Ridley Park, PA, within 1 km, centered around NL 39-51-42; WL 75-19-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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This authorization effective July 19, 2021 and
will expire 3:00 A.M. EST April 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) Stop Buzzers, Christopher Mayo (610) 591-4605 and Sarah Detrick (610) 247-2912/ (610) 591-5439.
- (4) The applicant must coordinate with all the existing registered links in 71-76 GHz and 81-86GHz bands prior to operation in 75-85 GHz band.