

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WH2XTH

(Call Sign)

0293-EX-CR-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(i) of the Commission's Rules

Station Locations

(1) MOBILE: Ridley Park, PA, within 1.6 km, centered around NL 39-51-32; WL 75-19-11

Frequency Information

MOBILE: Ridley Park, PA, within 1.6 km, centered around NL 39-51-32; WL 75-19-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2-2.31 GHz	MO	N0N	0.01 W (ERP)	
2.39-2.69 GHz	MO	N0N	0.00001 W (ERP)	
2.9-3.549 GHz	MO	N0N	0.01 W (ERP)	
3.701-4 GHz	MO	N0N	0.01 W (ERP)	

This authorization effective July 01, 2021 and
will expire 3:00 A.M. EST July 01, 2023

**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) The designated point-of-contact to terminate transmissions if interference occurs is Patrick McCauley at 610-591-8907.
- (4) Licensee must get consents from the Advanced Wireless Service licensees prior to accessing to 2-2.31 GHz band.
- (5) Licensee must obtain consents from the Educational Broadband Services and Broadband Radio Services licensees prior to accessing to 2500-2690 MHz band.
- (6) Operation is subject to prior coordinate with the local Society of Broadcast Engineer frequency coordinator and the affected Fixed Microwave Service licensees prior to operation in 2450-2500 MHz and 3.7-4GHz bands
- (7) Operation the frequency band 2.39-2.69 GHz and 2.9-3.65 GHz is used the 0.00001W of ERP only.
- (8) Operation is not permitted using the CBRS frequency band 3550-3700 MHz.