

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

EXPERIMENTAL
(Nature of Service)

XT FX
(Class of Station)

WO2XUY
(Call Sign)

0344-EX-CR-2026
(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) El Segundo (LOS ANGELES), CA - NL 33-55-46; WL 118-23-18

Frequency Information

El Segundo (LOS ANGELES), CA - NL 33-55-46; WL 118-23-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1930-2000 MHz	FX	N0N	609.6 mW (ERP)	
13400-13750 MHz	FX	N0N	60953.6897 W (ERP)	
17700-18600 MHz	FX	N0N	1.219 W (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) The operation is limited to indoor testing at the Boeing El Segundo, CA Facility.

This authorization effective June 01, 2026 and
will expire 3:00 A.M. EST June 01, 2028

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Special Conditions:

- (3) The licensee shall, at all times, take all necessary measures to ensure that operation of authorized antennas does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR §§ 1.1307 and 1.1310. A warning sign must be placed to inform workers keeping distance away from areas that do not meet the limits of both occupational/controlled exposure and for general population/uncontrolled exposure.
- (4) The applicant must coordinate with the local Society of Broadcast Engineers frequency coordinator in the proposed areas prior to operation in the frequency range from 17700 MHz to 18600 MHz
- (5) The applicant must coordinate with the Fixed Microwave Service licensees in the proposed venues in accordance with 47 C.F.R, Part 101.103(d) prior to operation in the frequencies from 17700 MHz to 18600 MHz.
- (6) Prior to commencing any operations in the 1930-1990 MHz band, the applicant must obtain consent from Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz) within 50 miles of the contours of the testing area.
- (7) Prior to commencing any operations in the 1990-1995 MHz band, the applicant must obtain consent from T-Mobile, the licensee in this band.
- (8) The applicant must obtain consents from the Advanced Wireless Service licensees in the proposed area prior to accessing to the frequencies from 1995 MHz to 2000 MHz.
- (9) Stop Buzzer: Josh Hartigan, Phone: 310-955-7923.
- (10) All operations are on a non-interference basis (NIB) and shall not cause harmful interference to, or claim protection from, any other lawfully operating stations. The Boeing Company should be aware that other stations may be licensed on and nearby these frequencies and if any interference occurs, they will be subject to immediate shut down.

Special Conditions:

- (11) Prior to commencing any operations in the 17700-18600 MHz frequency band, experimental licensee must notify licensees of earth stations. The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test. Please notify the following licensees:

Call Sign: E200455
Frequency bands: 17.8-18.6 GHz
Licensee: SpaceX Services, Inc.
ATTN: Ms Bo Huang
Phone: 202-649-2700 E-Mail: Bo.haung@spacex.com

Call Sign: E050113, E050229
Frequency bands: 18.3-18.8 GHz
Licensee: DIRECTV Enterprises, LLC
Phone: 202-457-2030 Fax: 214-486-8185

Call Sign: E160062
Frequency bands: 18.3-18.8 GHz
Licensee: DIRECTV Enterprises, LLC
ATTN: Ms Jacquelyne Flemming
Phone: 2024573032 x Fax: E-Mail: jackie.flemming@att.com

Call Sign: E070123
Frequency bands: 18.3-18.8 GHz
Licensee: Open Plaza Corp.
ATTN: Ms Carina Turco Grecco
Phone: +5491144097938 Fax: E-Mail: carina.turcogrecco@grupowerthein.com

- (12) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (13) Upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to NASA operations.