

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

EXPERIMENTAL

(Nature of Service)

WQ2XOJ

(Call Sign)

XT FX MO

(Class of Station)

0558-EX-CN-2026

(File Number)

NAME The University of Texas at Austin

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) Austin (TRAVIS), TX - NL 30-17-19; WL 97-44-13; MOBILE: , within 0.01 km, centered around NL 30-17-19; WL 97-44-13

Frequency Information

Austin (TRAVIS), TX - NL 30-17-19; WL 97-44-13; MOBILE: , within 0.01 km, centered around NL 30-17-19; WL 97-44-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3700 MHz	FX	100MD7W	1.22 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) 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) Prior to commencing any operations in the 3.45-3.55 GHz band, the applicant must obtain consent from 3.45 GHz band licensees (3.45-3.55 GHz) within 50 miles of the contours of the operating area.

This authorization effective July 13, 2026 and
will expire 3:00 A.M. EST July 01, 2027

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Special Conditions:

- (4) The applicant must coordinate its operations in the CBRS band (3550-3700 MHz) with one or more authorized Spectrum Access System (SAS) administrators to obtain channel assignments and avoid causing harmful interference to authorized users of the band, including General Authorized Access (GAA) users.
- (5) Prior to commencing operations in the authorized frequency band(s), the experimental licensee must notify the potentially affected licensees below. 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 also include the testing parameters (e.g., specific location(s), frequency bands, antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.

Frequency Bands: 3625-3700 MHz (s-E) (Call sign S2870)
Licensee: SES Americom, Inc. Phone Number: 202-280-8657
ATTN: Mr. Daniel C.H. Mah, Email: daniel.mah@ses.com

Frequency Bands: 3400-3700 MHz (s-E) (Call sign S2887, S2924)
Licensee: Intelsat License LLC Phone Number: 703-559-7799
ATTN: Mr. W. Ray Rutngamlug, Email: ray.rutngamlugin@intelsat.com

Frequency Bands: 3600-3700 MHz (s-E) (Call sign S2932)
Licensee: Inmarsat Group Holdings Limited Phone Number: 703-223-9927
ATTN: Mr. Brennan Price, Email: Brennan.Price@inmarsat.com

- (6) UAV operation is indoor/outdoor drone cage.
- (7) Stop buzzers, Kaushik Chowdhury (617) 306-0026 and Suyash Pradhan (857) 265-6221.