

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

EXPERIMENTAL
(Nature of Service)

XD FX MO
(Class of Station)

WQ2XJQ
(Call Sign)

0226-EX-CN-2026
(File Number)

NAME Samsung Research America

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(j) of the Commission's Rules

Station Locations

- (1) Aubrey (DENTON), TX - NL 33-13-23; WL 96-58-11
- (2) MOBILE: Ground locations within radius, Aubrey, TX, within 4 km, centered around NL 33-13-23; WL 96-58-11
- (3) Aubrey (DENTON), TX - NL 33-13-32; WL 96-55-36
- (4) MOBILE: Ground locations within radius, Aubrey, TX, within 4 km, centered around NL 33-13-32; WL 96-55-36
- (5) Little Elm (DENTON), TX - NL 33-12-24; WL 96-55-50
- (6) MOBILE: Ground locations within radius, Little ELm, TX, within 4 km, centered around NL 33-12-24; WL 95-55-50

Frequency Information

Aubrey (DENTON), TX - NL 33-13-23; WL 96-58-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.925-7.325 GHz	FX	200MW7D	192752.49 W (ERP)	0.001 %

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

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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 station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3)

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.
- (4)

All Samsung transmit physical pointing vectors and electrically-steered beams must be at or below the local horizontal plane.
- (5)

Licensee shall be aware that operation cannot claim harmful interference that may result from SRS/EESS uplinks in allocated portions of the 7145-7250 MHz range.
- (6)

Stop Buzzer POC is Chance Tarver at 325-301-8992.
- (7)

Licensee shall coordinate with the local SBE frequency coordinator in each proposed area.