

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WJ2XFL

(Call Sign)

0739-EX-CN-2017

(File Number)

NAME Southern Methodist University

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) Dallas (DALLAS), TX - NL 32-50-30; WL 96-46-28; MOBILE:within 5 km
- (2) Dallas (DALLAS), TX - NL 32-50-33; WL 96-46-28; MOBILE:within 5 km
- (3) Plano (COLLIN), TX - NL 33-04-06; WL 96-48-36; MOBILE:within 5 km

Frequency Information

Dallas (DALLAS), TX - NL 32-50-30; WL 96-46-28; MOBILE:within 5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	FX	120MW7W 100MW7W 20M0W7W 5M00W7W 5M00W7W	50 W (ERP)	0.001 %
3550-3700 MHz	FX	40M0D2D	19 W (ERP)	0.000025 %
3550-3700 MHz	FX	10M0M0W	2 W (ERP)	0.002 %

This authorization effective December 20, 2017 and
will expire 3:00 A.M. EST January 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



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3550-3700 MHz	MO	10M0M0W 20M0M0W	500 mW (ERP)	0.002 %

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3550-3700 MHz	FX	10M0M0W 20M0M0W	2 W (ERP)	0.002 %
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3550-3700 MHz	MO	10M0M0W 20M0M0W	500 mW (ERP)	0.002 %

Special Conditions:

- (1) 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 shall maintain operation separation from the grandfathered earth stations as defined in Part 90, Subpart Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3550-3700 MHz band.
- (4) Licensee shall consult the ULS database to ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users in the proposed geographic areas.
- (5) Licensee be aware that FSS earth stations are licensed above 3700 MHz and if any interference occurs, the experimental licensee of this authorization will be subject to immediate shut down.