

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

EXPERIMENTAL

(Nature of Service)

WF2XUJ

(Call Sign)

XD FX MO

(Class of Station)

0283-EX-CR-2020

(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 32-50-31; WL 96-46-38; MOBILE: Dallas, Texas - SMU Campus, within 50 km, centered around NL 32-50-31; WL 96-46-38

Frequency Information

Dallas (DALLAS), TX - NL 32-50-31; WL 96-46-38; MOBILE: Dallas, Texas - SMU Campus, within 50 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-460 MHz	MO	100MD3D	2.9 W (ERP)	
450-460 MHz	FX	100MD3D	2.9 W (ERP)	
470-608 MHz	FX	100MD3D	2.9 W (ERP)	
470-608 MHz	MO	100MD3D	2.9 W (ERP)	

This authorization effective August 01, 2020 and
will expire 3:00 A.M. EST August 01, 2025

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Dallas (DALLAS), TX - NL 32-50-31; WL 96-46-38; MOBILE: Dallas, Texas - SMU Campus, within 50 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
690-810 MHz	FX	40M0D3D	2.9 W (ERP)	
690-810 MHz	MO	40M0D3D	2.9 W (ERP)	
790-890 MHz	FX	40M0D3D	2.9 W (ERP)	
790-890 MHz	MO	40M0D3D	2.9 W (ERP)	
890-960 MHz	FX	40M0D3D	2.9 W (ERP)	
890-960 MHz	MO	40M0D3D	2.9 W (ERP)	
890-930 MHz	FX	40M0D3D	2.9 W (ERP)	
890-930 MHz	MO	40M0D3D	2.9 W (ERP)	
2412-2500 MHz	FX	40M0D3D	2.9 W (ERP)	
2412-2500 MHz	MO	40M0D3D	2.9 W (ERP)	

Frequency Information

Dallas (DALLAS), TX - NL 32-50-31; WL 96-46-38; MOBILE: Dallas, Texas - SMU Campus, within 50 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4940-4990 MHz	FX	40M0D3D	2.9 W (ERP)	
4940-4990 MHz	MO	40M0D3D	2.9 W (ERP)	
5300-5600 MHz	MO	40M0D3D	2.9 W (ERP)	
5300-5600 MHz	FX	40M0D3D	2.9 W (ERP)	
5650-6100 MHz	MO	40M0D3D	2.9 W (ERP)	
5650-6100 MHz	FX	40M0D3D	2.9 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) No operation is PERMITTED to transmit in any public safety frequencies listed under Part 90.20.
- (6) Operation is subject to prior coordination with affected existing Fixed Microwave Service licensees.
- (7) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Joseph Camp at 214-768-8541.

Special Conditions:

(8) Licensee is authorized to up 50 units per test.