

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

EXPERIMENTAL

(Nature of Service)

WI2XBW

(Call Sign)

XR FX MO

(Class of Station)

0734-EX-PL-2015

(File Number)

NAME University of Texas at Dallas Electrical Engineering

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) Richardson (COLLIN), TX - NL 32-59-13; WL 96-45-01
- (2) MOBILE: Richardson, TX, within 1 km, centered around NL 32-59-13; WL 96-45-01

Frequency Information

Richardson (COLLIN), TX - NL 32-59-13; WL 96-45-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-76 GHz	FX	4G50K1D	121.66 W (ERP)	5 %
81-86 GHz	FX	4G50K1D	121.66 W (ERP)	5 %

This authorization effective December 21, 2015 and
will expire 3:00 A.M. EST January 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Richardson, TX, within 1 km, centered around NL 32-59-13; WL 96-45-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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81-86 GHz	MO	5G00K1D	121.66 W (ERP)	5 %

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The licensee must register with the third party Database Manager as specified in Section 101.1523 of the Commission's Rules.
- (4) The licensee must coordinate with the existing 71-76 GHz and 81-86 GHz users prior to operation in the proposed frequency bands.