

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

EXPERIMENTAL
(Nature of Service)

WI2XTM
(Call Sign)

XT FX MO
(Class of Station)

0098-EX-CM-2018
(File Number)

NAME University of Oklahoma

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) Norman (CLEVELAND), OK - NL 35-10-53; WL 97-26-13
- (2) Norman (CLEVELAND), OK - NL 35-14-08; WL 97-27-51
- (3) Washington (MCCLAIN), OK - NL 34-58-56; WL 97-31-15
- (4) MOBILE: , within 50 km, centered around NL 36-36-27; WL 97-29-14
- (5) MOBILE: Choctaw Nation Ranch, within 21 km, centered around NL 34-37-48; WL 95-42-23

Frequency Information

Norman (CLEVELAND), OK - NL 35-10-53; WL 97-26-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5640-5650 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %
5650-5660 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %
5660-5670 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %

This authorization effective October 04, 2018 and
will expire 3:00 A.M. EST July 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Norman (CLEVELAND), OK - NL 35-10-53; WL 97-26-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5670-5680 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %

Norman (CLEVELAND), OK - NL 35-14-08; WL 97-27-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5660 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %
5660-5670 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %
5670-5680 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %

Washington (MCCLAIN), OK - NL 34-58-56; WL 97-31-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5660 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %
5660-5670 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %
5670-5680 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %

Frequency Information

MOBILE: , within 50 km, centered around NL 36-36-27; WL 97-29-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5660 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %
5660-5670 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %
5670-5680 MHz	FX	9M00Q3N	49 kW (ERP)	0.00001 %

MOBILE: Choctaw Nation Ranch, within 21 km, centered around NL 34-37-48; WL 95-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5650-5680 MHz	MO	9M00Q3N	49 kW (ERP)	0.00001 %

Special Conditions:

- (1) The licensee shall be aware that the current frequency licensed may be inappropriate beyond proof-of-concept
- (2) Testing radar using 5650 MHz, 5660 MHz and 5670 MHz.