

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

EXPERIMENTAL

(Nature of Service)

WJ2XSF

(Call Sign)

XT FX MO

(Class of Station)

0713-EX-CN-2018

(File Number)

NAME Texas A&M University; Geochemical & Environmental Research Group

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) Gilchrist (GALVESTON), TX - NL 29-30-28; WL 94-29-56
- (2) Freeport (BRAZORIA), TX - NL 29-00-28; WL 95-12-56
- (3) Austwell (CALHOUN), TX - NL 28-06-40; WL 96-47-35
- (4) Corpus Christi (KLEBERG), TX - NL 27-25-18; WL 97-18-00
- (5) Matagorda (MATAGORDA), TX - NL 28-36-16; WL 95-57-41
- (6) MOBILE: Kenedy, Texas, within 45 km, centered around NL 26-36-50; WL 97-26-47

Frequency Information

Gilchrist (GALVESTON), TX - NL 29-30-28; WL 94-29-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.438-4.488 MHz	FX	25K0P0N	40 W (ERP)	0.001 %

This authorization effective October 01, 2018 and
will expire 3:00 A.M. EST October 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Freeport (BRAZORIA), TX - NL 29-00-28; WL 95-12-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.438-4.488 MHz	FX	25K0P0N	40 W (ERP)	0.001 %

Austwell (CALHOUN), TX - NL 28-06-40; WL 96-47-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.438-4.488 MHz	FX	25K0P0N	40 W (ERP)	0.001 %

Corpus Christi (KLEBERG), TX - NL 27-25-18; WL 97-18-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.438-4.488 MHz	FX	25K0P0N	40 W (ERP)	0.001 %

Matagorda (MATAGORDA), TX - NL 28-36-16; WL 95-57-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.438-4.488 MHz	FX	25K0P0N	40 W (ERP)	0.001 %

Frequency Information

MOBILE: Kenedy, Texas, within 45 km, centered around NL 26-36-50; WL 97-26-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.438-4.488 MHz	MO	25K0P0N	40 W (ERP)	0.001 %

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.