

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WQ2XQE

(Call Sign)

0658-EX-CN-2026

(File Number)

NAME Oklahoma State 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(a) of the Commission's Rules

Station Locations

(1) Elgin (COMANCHE), OK - NL 34-43-22; WL 98-23-08

Frequency Information

Elgin (COMANCHE), OK - NL 34-43-22; WL 98-23-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.45-24.65 GHz	FX	45M0F1N	387 W (ERP)	0.001 %
		45M0F1N		

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Stop Buzzer: Chris Rathman at 4057448326, chris.rathman@rise.okstate.edu.
- (4) Oklahoma State University must sector blank between 190-220 degrees.
- (5) Oklahoma State University must coordinate with Mr. James Wolloman, P: 580-660-0089, E: james.j.wolloman.ctr@army.mil, at least 72 hours prior to operations.

This authorization effective July 29, 2026 and
will expire 3:00 A.M. ET February 01, 2028

**FEDERAL
COMMUNICATIONS
COMMISSION**

