

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

EXPERIMENTAL

(Nature of Service)

WM2XGK

(Call Sign)

XR MO

(Class of Station)

0312-EX-CR-2026

(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(a,j) of the Commission's Rules

Station Locations

(1) MOBILE: Continental United States

Frequency Information

MOBILE: Continental United States

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5470-5500 MHz	MO	30M0Q3N	87.902 MW (ERP)	0.00001 %
5485 MHz	MO	30M0Q3N	87.902 MW (ERP)	0.00001 %

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) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) SUBJ TO COORDINATION WITH THE AREA FREQUENCY COORDINATOR, STATE OF ARIZONA, ATTN: SFIS-FAC-SH, FT. HUACHUCA, AZ 85613-5000, PHONE: (520) 538-6423; FAX (520) 538-8525; DSN 879-6423

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) EXPERIMENTAL LICENSEE MUST BE COORDINATE WITH DOD AFC AZ AT LEAST 96 HOURS IN ADVANCE OF INTENDED USE, AND USE DURING ANY TIMEFRAME IS NOT ASSURED DUE TO TEST REQUIREMENTS.
- (5) OPERATION ON THIS ASSIGNMENT IS SUBJECT TO IMMEDIATE CESSATION, IF IT CAUSES HARMFUL INTERFERENCE TO FEDERAL OPERATION(S).
- (6) Primary Stop Buzzer PoC:
Name: Matt McCord
Cell Phone: 405-694-6899
Email: mmccord@ou.edu

Secondary Stop Buzzer PoC:
Name: David Bodine
Cell Phone: 913-961-8162
Email: bodine@ou.edu
- (7) No operations are allowed within 100 kilometers of 34 57 39 N 117 54 42 W or 37 51 37 N 075 30 34 W.
- (8) THIS ASSIGNMENT IS ON A NONINTERFERENCE BASIS TO THE OPERATIONS OF NASA OPS,WALLOPS ISL(VA), NASA OPS,EDWARDS(CA) ON THE SAME OR ADJACENT CHANNEL AND NO PROTECTION CAN BE AFFORDED BY THAT AGENCY.
- (9) SUBJ TO COORDINATION WITH THE AREA FREQUENCY COORDINATOR, STATE OF ARIZONA, ATTN: SFIS-FAC-SH, FT. HUACHUCA, AZ 85613-5000, PHONE: (520) 538-6423; FAX (520) 538-8525; DSN 879-6423