

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

EXPERIMENTAL

(Nature of Service)

WI2XGJ

(Call Sign)

XT FX MO

(Class of Station)

0082-EX-PL-2016

(File Number)

NAME University of Wisconsin-Madison

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) Madison (DANE), WI - NL 43-04-18; WL 89-24-37; MOBILE:within 0.5 km

Frequency Information

Madison (DANE), WI - NL 43-04-18; WL 89-24-37; MOBILE:within 0.5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.5 GHz	MO	500MD7W	6.34 W (ERP)	2 %

Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (2) Licensee must coordinate with earth stations authorized to operate in these frequency bands that are located within a within a 40 km radius of the transmitter.

This authorization effective March 14, 2016 and
will expire 3:00 A.M. EST March 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**

