

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

W12XJI

(Call Sign)

0329-EX-PL-2016

(File Number)

NAME Michigan 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(j) of the Commission's Rules

Station Locations

(1) East Lansing (INGHAM), MI - NL 42-43-29; WL 84-28-26

Frequency Information

East Lansing (INGHAM), MI - NL 42-43-29; WL 84-28-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
80.5-80.5 MHz	FX	30K0W3N	75 mW (ERP)	0.002 %
322-322 MHz	FX	120KW3N	270 mW (ERP)	0.002 %

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.
- (3) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.

This authorization effective June 15, 2016 and
will expire 3:00 A.M. EST June 01, 2018

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Special Conditions:

- (4) Use of MAG band (322 MHz) cannot be guaranteed in future and licensee should investigate capability development in a non-MAG frequency band.