

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WE2XAN

(Call Sign)

0480-EX-PL-2006

(File Number)

NAME University of Massachusetts

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, c, h) of the Commission's Rules

Station Locations

- (1) MOBILE: Primarily in Amherst, MA, within 400 km, centered around NL 42-22-48; WL 72-31-23

Frequency Information

MOBILE: Primarily in Amherst, MA, within 400 km, centered around NL 42-22-48; WL 72-31-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.4-13.41 GHz	MO	5M00P0N	150 MW (ERP)	
35.6-35.61 GHz	MO	5M00P0N	50 MW (ERP)	
94.92-94.93 GHz	MO	5M00P0N	60 MW (ERP)	

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective March 21, 2007 and
will expire 3:00 A.M. EST April 01, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Operation is subject to prior coordination with affected existing and future Fixed Microwave Service licensees using the 94.9-95 GHz frequency band in the immediate vicinity.