

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

EXPERIMENTAL

(Nature of Service)

WG2XXI

(Call Sign)

XD FX MO

(Class of Station)

0691-EX-PL-2013

(File Number)

NAME University of Massachusetts - CASA Research Center

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) Dallas - Fort Worth, TX - NL 32-43-48; WL 97-06-36; MOBILE: Dallas - Fort Worth, TX, within 160 km, centered around NL 32-43-48; WL 97-06-36

Frequency Information

Dallas - Fort Worth, TX - NL 32-43-48; WL 97-06-36; MOBILE: Dallas - Fort Worth, TX, within 160 km, centered around NL 32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.2-9.6 GHz	FX	10M0Q0N	770 kW (ERP)	
9.3-9.4 GHz	FX	10M0Q0N	4.3 MW (ERP)	
9.3-9.5 GHz	MO	10M0Q0N	400 kW (ERP)	
9.38-9.425 GHz	FX	1M50P0N	55 MW (ERP)	

This authorization effective December 20, 2013 and
will expire 3:00 A.M. EST January 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Dallas - Fort Worth, TX - NL 32-43-48; WL 97-06-36; MOBILE: Dallas - Fort Worth, TX, within 160 km, centered around NL 32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.38-9.425 GHz	FX	1M50P0N	100 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) 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.