

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

EXPERIMENTAL
(Nature of Service)

XC FX MO
(Class of Station)

WG2XXI
(Call Sign)

0461-EX-CR-2018
(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(c) 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	100 MW (ERP)	

This authorization effective January 01, 2019 and
will expire 3:00 A.M. EST January 01, 2024

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	55 MW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.