

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

EXPERIMENTAL

(Nature of Service)

XR FX MO

(Class of Station)

WG2XOF

(Call Sign)

0153-EX-ML-2014

(File Number)

NAME The University of New Mexico

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(d e) of the Commission's Rules

Station Locations

- (1) MOBILE: NONGEOSTATIONARY
- (2) Albuquerque (BERNALILLO), NM - NL 35-05-03; WL 106-39-02
- (3) MOBILE: Low Earth Orbit

Frequency Information

MOBILE: NONGEOSTATIONARY

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.425 MHz	MO	12K0G3D	3 W (ERP)	

Albuquerque (BERNALILLO), NM - NL 35-05-03; WL 106-39-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
145.95 MHz	FX	12H0G3D	1531 W (ERP)	

This authorization effective August 20, 2014 and
will expire 3:00 A.M. EST August 01, 2016

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

MOBILE: Low Earth Orbit

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1618.725-1626.5 MHz	MO	41K7Q7W	1.6 W (ERP)	0.0005 %

Special Conditions:

- (1) Following launch of the satellite, the licensee must notify the FCC through electronic submission to the license file, of the status of the satellite (transmissions commenced, etc.), not later than 7 days after commencement or expected commencement of transmissions, and of termination of transmissions, not later than three months after such termination.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) POINT OF COMMUNICATION: Cubesat ORS Squared