

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XR FX MO

(Class of Station)

WK9XPX

(Call Sign)

1656-EX-ST-2016

(File Number)

NAME University of Michigan

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Each of the CubeSats will beacon housekeeping data and will download science data roughly twice a day for the lifetime of the mission.

Station Locations

- (1) MOBILE: CubeSat orbiting the Earth, released from the ISS
- (2) Ann Arbor (WASHTENAW), MI - NL 42-17-40; WL 83-42-43

Frequency Information

MOBILE: CubeSat orbiting the Earth, released from the ISS

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.055 MHz	MO	15K3F1D	1 W (ERP)	

This authorization effective April 01, 2017 and
will expire 3:00 A.M. EST September 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Ann Arbor (WASHTENAW), MI - NL 42-17-40; WL 83-42-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.055 MHz	FX	15K3F1D	1189 W (ERP)	

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) Upon receipt of a conjunction warning from the JSpOC or other source, the licensee must review the warning and take all possible steps to assess and, if necessary, to mitigate collision risk, including, but not limited to: contacting the operator of any active spacecraft involved in such warning; sharing ephemeris data and other appropriate operational information with any such operator; modifying spacecraft attitude and/or operations.
- (3) POINT OF COMMUNICATIONS: CubeSat Columbia.
- (4) University of Michigan must provide contact information, orbital, and schedule updates to Air Force Space Command at AFSPC.A6CE.SMO@us.af.mil .