

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

EXPERIMENTAL

(Nature of Service)

WH9XBQ

(Call Sign)

XT FX MO

(Class of Station)

0967-EX-ST-2013

(File Number)

NAME Cornell University

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:

The satellite communication will be used to downlink telemetry containing housekeeping and payload data.

Station Locations

- (1) MOBILE: NONGEOSTATIONARY
- (2) Ithaca (TOMPKINS), NY - NL 42-27-30; WL 76-23-05

Frequency Information

MOBILE: NONGEOSTATIONARY

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.24 MHz	MO	41K5F1D	0.01 W (ERP)	0.002 %
437.505 MHz	MO	25K0F1D	1 W (ERP)	0.002 %
2410-2436 MHz	MO	35M0F1D	1 W (ERP)	0.002 %

This authorization effective February 11, 2014 and
will expire 3:00 A.M. EST August 12, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Ithaca (TOMPKINS), NY - NL 42-27-30; WL 76-23-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.41-2.436 GHz	FX	25K0F1D	1000 W (ERP)	0.0002 %

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) This authorization is conditioned on and will be effective only upon issuance by NOAA of a license pursuant to the Land Remote Sensing Act, as amended. The FCC has not reviewed or approved the end-of-life disposal plan for this satellite.