

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

EXPERIMENTAL

(Nature of Service)

WH9XGT

(Call Sign)

XT MO

(Class of Station)

0957-EX-ST-2013

(File Number)

NAME Santa Clara 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 for the SporeSat mission.

Station Locations

(1) MOBILE: NONGEOSTATIONARY

Frequency Information

MOBILE: NONGEOSTATIONARY

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.1 MHz	MO	25K0F1D	0.25 W (ERP)	
2401.2-2431.2 MHz	MO	176KF1D	1 W (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.

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Santa Clara University will provide a stop buzzer POC and orbital updates shall be sent to AFSPC.A6CE.SMO@us.af.mil. The orbital data will be used to maintain space situational awareness. The schedule will be used in concert with the provided stop buzzer, as needed.
- (3) 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.