

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WH9XTH

(Call Sign)

0488-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:

Space to earth communicaton from the Edison Demonstration Satellite Network (EDSN).

Station Locations

- (1) MOBILE: Low Earth Orbit S Band, within 500 km, centered around NL 37-21-00; WL 121-58-00
- (2) MOBILE: Low Earth Orbit UHF, within 500 km, centered around NL 37-21-00; WL 121-58-00
- (3) MOBILE: Low Earth Orbit

Frequency Information

MOBILE: Low Earth Orbit S Band, within 500 km, centered around NL 37-21-00; WL 121-58-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2401.2-2431.2 MHz	MO	400KF1D	1.28 W (ERP)	0.0001 %

This authorization effective October 17, 2014 and
will expire 3:00 A.M. EST April 17, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Low Earth Orbit UHF, within 500 km, centered around NL 37-21-00; WL 121-58-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.05-437.15 MHz	MO	10K0F1D	0.25 W (ERP)	0.0002 %

MOBILE: Low Earth Orbit

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450.069-450.081 MHz	MO	12K0F1D	1.68 W (ERP)	0.05 %

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.