

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

EXPERIMENTAL

(Nature of Service)

WH9XPW

(Call Sign)

XT FX MO

(Class of Station)

1052-EX-ST-2014

(File Number)

NAME San Jose State 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:

Operation of a cubesat to measure radiation exposure in graphen material and two-way communications with Iridium satellite constellation.

Station Locations

- (1) MOBILE: Low Earth Orbit
- (2) San Juan Bautista (SANTA CLARA), CA - NL 36-47-59; WL 121-30-00

Frequency Information

MOBILE: Low Earth Orbit

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.46225 MHz	MO	10K0F2D	300 mW (ERP)	1 %
1618.725-1626.5 MHz	MO	31K5Q7W	1 mW (ERP)	1 %

This authorization effective January 01, 2015 and
will expire 3:00 A.M. EST July 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Juan Bautista (SANTA CLARA), CA - NL 36-47-59; WL 121-30-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
435.22 MHz	FX	10K0F2D	1 mW (ERP)	0.00052 %