

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WI2XHX

(Call Sign)

XT MO

(Class of Station)

0215-EX-PL-2016

(File Number)

NAME California Polytechnic State University Dept of Aerospace Engineering

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Ground Based Locations within 4.63km of center, within 4.63 km, centered around NL 35-19-47; WL 120-45-00
- (2) MOBILE: Airborne UAV operations 4.63km of center 152m AGL, within 4.63 km, centered around NL 35-19-47; WL 120-45-00

Frequency Information

MOBILE: Ground Based Locations within 4.63km of center, within 4.63 km, centered around NL 35-19-47; WL 120-45-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1670-1675 MHz	MO	4M68G7W	10 W (ERP)	0.00012 %

MOBILE: Airborne UAV operations 4.63km of center 152m AGL, within 4.63 km, centered around NL 35-19-47; WL 120-45-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1670-1675 MHz	MO	1M56G7W	10 W (ERP)	0.00012 %

This authorization effective April 28, 2016 and
will expire 3:00 A.M. EST May 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) California Polytechnic shall notify licensees of 1670-1675 MHz band (Crown Castle International), and the lessee of this band (Ligado Networks) prior to operations.