

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WG2XWP

(Call Sign)

0229-EX-ML-2015

(File Number)

NAME Carnegie Mellon University

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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: 5.0 km about coordinates 37-24-37 NL, 122-3-35 WL, within 5 km, centered around NL 37-24-37; WL 122-03-35
- (2) MOBILE: 5.0 km about coordinates 37-24-37 NL, 122-3-35 WL, within 5 km, centered around NL 37-24-37; WL 122-03-35
- (3) MOBILE: 5.0 km about coordinates 37-24-37 NL, 122-3-35 WL, within 5 km, centered around NL 37-24-37; WL 122-03-35

Frequency Information

MOBILE: 5.0 km about coordinates 37-24-37 NL, 122-3-35 WL, within 5 km, centered around NL 37-24-37; WL 122-03-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
880-915 MHz	MO		2 W (ERP)	0.0001 %
		270KG7W		
		5M00W7W		
		20M0W7W		
		15M0W7W		
		10M0W7W		
		3M00W7W		
		1M40W7W		
		5M00W7W		

This authorization effective February 24, 2016 and
will expire 3:00 A.M. EST November 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 5.0 km about coordinates 37-24-37 NL, 122-3-35 WL, within 5 km, centered around NL 37-24-37; WL 122-03-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2360-2400 MHz	MO	20M0W7W 15M0W7W 10M0W7W 5M00W7W 3M00W7W 1M40W7W	2 W (ERP)	0.0001 %

MOBILE: 5.0 km about coordinates 37-24-37 NL, 122-3-35 WL, within 5 km, centered around NL 37-24-37; WL 122-03-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925-960 MHz	MO	270KG7W 5M00W7W 20M0W7W 15M0W7W 10M0W7W 5M00W7W 1M40W7W 3M00W7W	121.7 W (ERP)	0.0001 %
2360-2400 MHz	MO	20M0W7W 15M0W7W 10M0W7W 5M00W7W 1M40W7W 3M00W7W	121.7 W (ERP)	0.0001 %

Frequency Information

MOBILE: 5.0 km about coordinates 37-24-37 NL, 122-3-35 WL, within 5 km, centered around NL 37-24-37; WL 122-03-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925-960 MHz	MO	270KG7W 5M00W7W 20M0W7W 15M0W7W 10M0W7W 3M00W7W 1M40W7W 5M00W7W	13.9 W (ERP)	0.0001 %
2360-2400 MHz	MO	20M0W7W 15M0W7W 10M0W7W 5M00W7W 3M00W7W 1M40W7W	13.9 W (ERP)	0.0001 %

Special Conditions:

- (1) Operation on frequency assignments in one of the bands 1435-1535 or 2310-2390 MHz was coordinated prior to authorization with the Western Area Frequency Coordinator (WAFC), Point Mugu, CA, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the WAFC as necessary to ensure compatibility with existing uses.
- (2) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (3) Licensee shall coordinate with any Fixed Microwave Service licensees in the area in accordance with 47 CFR, Part 101.103(d).