

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

EXPERIMENTAL

(Nature of Service)

WG2XZV

(Call Sign)

XT FX MO

(Class of Station)

0020-EX-PL-2014

(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) Palo Alto (SANTA CLARA), CA - NL 37-26-40; WL 122-09-36; MOBILE: City of Palo Alto, within 4 km

Frequency Information

Palo Alto (SANTA CLARA), CA - NL 37-26-40; WL 122-09-36; MOBILE: City of Palo Alto, within 4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
890-915 MHz	MO	270KG7W	2 W (ERP)	0.0001 %
935.2-960.4 MHz	FX	270KG7W	100 W (ERP)	0.0001 %
1710-1785 MHz	MO	270KG7W	2 W (ERP)	0.0001 %
1805-1880 MHz	FX	270KG7W	100 W (ERP)	0.0001 %

This authorization effective March 07, 2014 and
will expire 3:00 A.M. EST March 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (3) Licensee shall coordinate with the local SBE frequency coordinator and the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to operation in 935.2-960.4 MHz.