

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

EXPERIMENTAL

(Nature of Service)

WI9XJL

(Call Sign)

XT FX MO

(Class of Station)

0268-EX-ST-2015

(File Number)

NAME Carnegie Mellon 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:

CMU will be conducting research on cellular connectivity and coverage for aerial vehicles. CMU will be using a cellular signal from an experimental base station to command and control small

Station Locations

- (1) Camp Roberts (SAN LUIS OBISPO), CA - NL 35-45-54; WL 120-46-11; MOBILE: Camp Roberts, CA, within 7 km

Frequency Information

Camp Roberts (SAN LUIS OBISPO), CA - NL 35-45-54; WL 120-46-11; MOBILE: Camp Roberts, CA, within 7 km

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

This authorization effective May 11, 2015 and
will expire 3:00 A.M. EST May 16, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Camp Roberts (SAN LUIS OBISPO), CA - NL 35-45-54; WL 120-46-11; MOBILE: Camp Roberts, CA, within 7 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925-960 MHz	FX	270KG7W	121.66234 W (ERP)	0.0001 %
		5M00W7W		
		20M0W7W		
		15M0W7W		
		10M0W7W		
		5M00W7W		
		3M00W7W		
		1M40W7W		

Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (2) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (3) 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.