

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

EXPERIMENTAL

(Nature of Service)

WK9XTJ

(Call Sign)

XT MO

(Class of Station)

0047-EX-ST-2017

(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:

The radios will be used to test new applications for the U.S. Army and Navy among others and support those tests.

Station Locations

- (1) MOBILE: Camp Roberts, California
- (2) MOBILE: Camp Roberts, California
- (3) MOBILE: Camp Roberts, California
- (4) MOBILE: Camp Roberts, California

Frequency Information

MOBILE: Camp Roberts, California

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

This authorization effective February 13, 2017 and
will expire 3:00 A.M. EST August 14, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Camp Roberts, California

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
880-915 MHz	MO	5M00W7W	2 W (ERP)	0.0001 %
1880-1900 MHz	MO	10M0W7W 15M0W7W 1M40W7W 20M0W7W 3M00W7W 5M00W7W	2 W (ERP)	0.0001 %
2300-2310 MHz	MO	10M0W7W 15M0W7W 1M40W7W 20M0W7W 3M00W7W 5M00W7W	2 W (ERP)	0.0001 %
2501-2690 MHz	MO	10M0W7W 15M0W7W 1M40W7W 20M0W7N 3M00W7W 5M00W7W	2 W (ERP)	0.0001 %
2570-2620 MHz	MO	10M0W7W 15M0W7W 1M40W7W 20M0W7W 3M00W7W	2 W (ERP)	0.0001 %

Frequency Information

MOBILE: Camp Roberts, California

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2570-2620 MHz	MO	5M00W7W	2 W (ERP)	0.0001 %

MOBILE: Camp Roberts, California

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925-960 MHz	MO	270KG7W 10M0W7W 15M0W7W 1M40W7W 20M0W7W 3M00W7W 5M00W7W 5M00W7W	24.27 W (ERP)	0.0001 %
1880-1920 MHz	MO	10M0W7W 15M0W7W 1M40W7W 20M0W7W 3M00W7W 5M00W7W	24.27 W (ERP)	0.0001 %
2300-2310 MHz	MO	10M0W7W 15M0W7W 1M40W7W 20M0W7W 3M00W7W 5M00W7W	24.27 W (ERP)	0.0001 %

Frequency Information

MOBILE: Camp Roberts, California

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2501-2690 MHz	MO	10M0W7W 15M0W7W 1M40W7W 20M0W7W 3M00W7W 5M00W7W	24.27 W (ERP)	0.0001 %
2570-2620 MHz	MO	10M0W7W 15M0W7W 1M40W7W 20M0W7W 3M00W7W 5M00W7W	24.27 W (ERP)	0.0001 %

MOBILE: Camp Roberts, California

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
880-915 MHz	MO	270KG7W 1M40W7W 20M0W7W 3M00W7W 5M00W7W 5M00W7W 10M0W7W	2 W (ERP)	0.0001 %
925-960 MHz	MO	270KG7W 10M0W7W 15M0W7W 1M40W7W	13.8515 W (ERP)	0.0001 %

Frequency Information

MOBILE: Camp Roberts, California

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925-960 MHz	MO	20M0W7W 3M00W7W 5M00W7W 5M00W7W	13.8515 W (ERP)	0.0001 %

MOBILE: Camp Roberts, California

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	105KF7D	48.4 W (ERP)	0.0001 %
2400-2483 MHz	MO	20M0W7W 40M0W7W	48.4 W (ERP)	0.0001 %
5725-5875 MHz	MO	160MW7W 20M0W7W 40M0W7W 80M0W7W 105KK7D	48.4 W (ERP)	0.0001 %

Special Conditions:

- (1) Operation on Commercial Mobile Radio Services (CMRS) frequencies requires consent of CMRS licensees to avoid interference.
- (2) Licensee shall secure consents from the AWS licensees prior to accessing to 1880-1920 MHz band.
- (3) Licensee shall obtain consents from the EBS and BRS licensees prior to accessing to 2496-2690 MHz and 2570-2620 MHz bands.
- (4) Licensee shall coordinate with the local SBE frequency coordinator and the Fixed Microwave Service licensees prior to operation in 925-960 MHz and 2400-2500 MHz bands