

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

EXPERIMENTAL

(Nature of Service)

WH9XWK

(Call Sign)

XT FX

(Class of Station)

0822-EX-ST-2014

(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 is working on new types of cellular base stations, including a rapidly deployable, software-defined version of a GSM station. We presented this research at Palo Alto's annual

Station Locations

(1) Santa Clara (SANTA CLARA), CA - NL 37-23-26; WL 121-58-25

Frequency Information

Santa Clara (SANTA CLARA), CA - NL 37-23-26; WL 121-58-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
890-915 MHz	FX	200KG7N	13.8515 W (ERP)	0.0001 %
935-960 MHz	FX	200KG7W	13.8515 W (ERP)	0.0001 %

This authorization effective October 10, 2014 and
will expire 3:00 A.M. EST October 13, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) 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](mailto:executivedir@sbe.org); information, www.sbe.org.