

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WF9XIX

(Call Sign)

0779-EX-ST-2011

(File Number)

NAME Carlson Wireless Technologies, Inc

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:

Comparing performance of White Space radio propagation vs WiMax and 900 MHz radios in very dense tropical cover and in heavy rain conditions

Station Locations

- (1) Pahoia (HAWAII), HI - NL 19-27-21; WL 154-54-59
- (2) Keaau (HAWAII), HI - NL 19-30-49; WL 155-03-47

Frequency Information

Pahoia (HAWAII), HI - NL 19-27-21; WL 154-54-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	FX	6M00F1D	4 W (ERP)	
614-698 MHz	FX	6M00F1D	4 W (ERP)	

This authorization effective February 25, 2012 and
will expire 3:00 A.M. EST August 26, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Keaau (HAWAII), HI - NL 19-30-49; WL 155-03-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470-608 MHz	FX	6M00F1D	4 W (ERP)	
614-698 MHz	FX	6M00F1D	4 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 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.