

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WG9XRI

(Call Sign)

0540-EX-ST-2013

(File Number)

NAME Rice 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:

Demonstration, test, and evaluation of an experimental cognitive radio platform.

Station Locations

- (1) New Orleans (ORLEANS), LA - NL 29-57-18; WL 90-04-10
- (2) New Orleans (ORLEANS), LA - NL 29-57-20; WL 90-04-07
- (3) New Orleans (ORLEANS), LA - NL 29-57-29; WL 90-03-54

Frequency Information

New Orleans (ORLEANS), LA - NL 29-57-18; WL 90-04-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
524-530 MHz	FX	312KD7D	39.8 mW (ERP)	
536-542 MHz	FX	312KD7D	39.8 mW (ERP)	

This authorization effective June 22, 2013 and
will expire 3:00 A.M. EST June 29, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**

Frequency Information

New Orleans (ORLEANS), LA - NL 29-57-18; WL 90-04-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
548-554 MHz	FX	312KD7D	39.8 mW (ERP)	
566-572 MHz	FX	312KD7D	39.8 mW (ERP)	
578-581 MHz	FX	312KD7D	39.8 mW (ERP)	
584-596 MHz	FX	312KD7D 312KD7D	4 W (ERP)	
620-626 MHz	FX	312KD7D	4 W (ERP)	
626-632 MHz	FX	312KD7D	39.8 mW (ERP)	
650-656 MHz	FX	312KD7D	39.8 mW (ERP)	
656-659 MHz	FX	312KD7D	4 W (ERP)	
662-668 MHz	FX	312KD7D 312KD7D	39.8 mW (ERP)	
674-686 MHz	FX	312KD7D	39.8 mW (ERP)	

Frequency Information

New Orleans (ORLEANS), LA - NL 29-57-18; WL 90-04-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
692-698 MHz	FX	312KD7D	39.8 mW (ERP)	

New Orleans (ORLEANS), LA - NL 29-57-20; WL 90-04-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
584-593 MHz	FX	312KD7D	4 W (ERP)	
620-626 MHz	FX	312KD7D	4 W (ERP)	
656-662 MHz	FX	312KD7D	4 W (ERP)	

New Orleans (ORLEANS), LA - NL 29-57-29; WL 90-03-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
584-596 MHz	FX	312KD7D	4 W (ERP)	
620-626 MHz	FX	312KD7D	4 W (ERP)	
656-662 MHz	FX	312KD7D	4 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) All operations must be in accordance with the FCC CFR 47 Part 15, Subpart H.