

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WF9XQD

(Call Sign)

0320-EX-ST-2012

(File Number)

NAME University of Missouri

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:

To evaluate a new RF method for remotely detecting electronic devices.

Station Locations

- (1) Petersburg, MO - NL 39-03-51; WL 92-55-25
- (2) Petersburg, MO - NL 39-03-51; WL 92-55-25

Frequency Information

Petersburg, MO - NL 39-03-51; WL 92-55-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
600 MHz	FX	2M50P0N	201.4 W (ERP)	
820 MHz	FX	2M50P0N	201.4 W (ERP)	
840 MHz	FX	2M50P0N	201.4 W (ERP)	

This authorization effective May 07, 2012 and
will expire 3:00 A.M. EST August 02, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Petersburg, MO - NL 39-03-51; WL 92-55-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
880 MHz	FX	2M50P0N	201.4 W (ERP)	
900 MHz	FX	2M50P0N	201.4 W (ERP)	
902-928 MHz	FX	2M50P0N	201.4 W (ERP)	

Petersburg, MO - NL 39-03-51; WL 92-55-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
600 MHz	FX	2M50P0N	201.4 W (ERP)	
820 MHz	FX	2M50P0N	201.4 W (ERP)	
840 MHz	FX	2M50P0N	201.4 W (ERP)	
880 MHz	FX	2M50P0N	201.4 W (ERP)	
900 MHz	FX	2M50P0N	201.4 W (ERP)	
902-928 MHz	FX	2M50P0N	201.4 W (ERP)	

Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Director of Frequency Coordination; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) 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.
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number W9113M-09-C-0046. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.