

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

EXPERIMENTAL

(Nature of Service)

WG9XMM

(Call Sign)

XT FX

(Class of Station)

0338-EX-ST-2013

(File Number)

NAME Ruddata Corporation

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 the performance of whitespace radio propagation versus traditional microwave methods.

Station Locations

(1) McCracken, KY - NL 37-04-54; WL 88-36-14

Frequency Information

McCracken, KY - NL 37-04-54; WL 88-36-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
470.00000000-608.00000000 GHz	FX	6M00F1D	4.000000 W (ERP)	
614.00000000-698.00000000 GHz	FX	6M00F1D	4.000000 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.

This authorization effective April 15, 2013 and
will expire 3:00 A.M. EST October 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**

Special Conditions:

- (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.
- (4) No operation is permitted in frequency band 608-614 MHz.