

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

EXPERIMENTAL

(Nature of Service)

WJ9XWE

(Call Sign)

XT FX

(Class of Station)

0658-EX-ST-2016

(File Number)

NAME Gressett, Ray

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:

Testing GSM and SDR applications and capabilities for research purposes, for possible novel future application of these technologies.

Station Locations

(1) Harvest (MADISON), AL - NL 34-48-18; WL 86-46-39

Frequency Information

Harvest (MADISON), AL - NL 34-48-18; WL 86-46-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
890-915 MHz	FX	200KG7E	35 mW (ERP)	
935-960 MHz	FX	200KG7E	35 mW (ERP)	

Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.

This authorization effective May 16, 2016 and
will expire 3:00 A.M. EST October 29, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (3) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Operation in the 849-851 or 894-896 MHz band requires consent of Commercial Air-Ground licensee(s) within 80 km of the test area to avoid interference.
- (6) Operation in the 896-901 or 935-940 MHz band requires consent of SMR licensee(s) within 80 km of the test area to avoid interference.
- (7) Operation in the 901-902 MHz band requires notification of Narrowband PCS licensees within 80 km of the test area to avoid interference.
- (8) Operation in the 902-928 MHz band requires notification of Location & Monitoring Service licensees within 80 km of the test area to avoid interference.