

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

EXPERIMENTAL

(Nature of Service)

WE2XFZ

(Call Sign)

XC FX MO

(Class of Station)

0224-EX-ST-2016

(File Number)

NAME OSU-University Multispectral Laboratories, LLC

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:

The operation is to support research of radio frequency sets in a specific environment.

Station Locations

- (1) Chilocco (KAY), OK - NL 36-56-14; WL 97-04-17; MOBILE: Chilocco (KAY), OK, within 3 km
- (2) Chilocco (KAY), OK - NL 36-56-14; WL 97-04-17; MOBILE: Chilocco (KAY), OK, within 3 km, centered around NL 36-56-14; WL 97-04-17
- (3) Chilocco, OK - NL 36-59-16; WL 97-04-13; MOBILE: Within the confines of the Chilocco Campus., within 3 km

Frequency Information

Chilocco (KAY), OK - NL 36-56-14; WL 97-04-17; MOBILE: Chilocco (KAY), OK, within 3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
540 kHz	MO	8K00A3E	29.99 kW (ERP)	
830 kHz	FX	8K00A3E	29.99 kW (ERP)	

This authorization effective March 01, 2016 and
will expire 3:00 A.M. EST September 02, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Chilocco (KAY), OK - NL 36-56-14; WL 97-04-17; MOBILE: Chilocco (KAY), OK, within 3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1680 kHz	MO	8K00A3E	29.99 kW (ERP)	

Chilocco (KAY), OK - NL 36-56-14; WL 97-04-17; MOBILE: Chilocco (KAY), OK, within 3 km, centered around NL 36-56-14; V

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
92.3 MHz	MO	180KF3E	5.0118 kW (ERP)	
99.1 MHz	MO	180KF3E	5.0118 kW (ERP)	
107.5 MHz	MO	180KF3E	5.0118 kW (ERP)	

Chilocco, OK - NL 36-59-16; WL 97-04-13; MOBILE: Within the confines of the Chilocco Campus., within 3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
540 kHz	FX	8K00A3E	29.99 kW (ERP)	
830 kHz	FX	8K00A3E	29.99 kW (ERP)	
1680 kHz	FX	8K00A3E	29.99 kW (ERP)	

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107.5 MHz	FX	180KF3E	5.0118 kW (ERP)	

Special Conditions:

- (1) 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.
- (2) 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.