

**United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
RADIO STATION CONSTRUCTION PERMIT  
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WG2XPT

(Call Sign)

XT      FX MO

(Class of Station)

0213-EX-PL-2013

(File Number)

NAME OSU-University Multispectral Laboratories, LLC

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(b) of the Commission's Rules

Station Locations

- (1) Chilocco (KAY), OK - NL 36-56-14; WL 97-04-17; MOBILE: 3km area on campus, within 3 km
- (2) Idabel (MC CURTAIN), OK - NL 33-52-56; WL 94-52-05; MOBILE: 1km radius of center of property, within 1 km
- (3) Elgin (COMANCHE), OK - NL 34-43-25; WL 98-23-13; MOBILE: 1 km radius, within 1 km

Frequency Information

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

| Frequency     | Station Class | Emission Designator | Authorized Power   | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|--------------------|---------------------------|
| 1710-1785 MHz | MO            | 270KF1D             | 5 W (Output Power) | 0.01 %                    |
| 1805-1850 MHz | FX            | 270KF1D             | 5 W (Output Power) | 0.01 %                    |

This authorization effective May 21, 2013 and  
will expire 3:00 A.M. EST June 01, 2016

**FEDERAL  
COMMUNICATIONS  
COMMISSION**

**Frequency Information**

Idabel (MC CURTAIN), OK - NL 33-52-56; WL 94-52-05; MOBILE: 1km radius of center of property, within 1 km

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Elgin (COMANCHE), OK - NL 34-43-25; WL 98-23-13; MOBILE: 1 km radius, within 1 km

| Frequency     | Station Class | Emission Designator | Authorized Power   | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|--------------------|---------------------------|
| 1710-1785 MHz | MO            | 270KF1D             | 5 W (Output Power) | 0.01 %                    |
| 1805-1850 MHz | MO            | 270KF1D             | 5 W (Output Power) | 0.01 %                    |

**Special Conditions:**

- (1) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.