

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

EXPERIMENTAL

(Nature of Service)

XE MO

(Class of Station)

WG2XVR

(Call Sign)

0204-EX-CM-2019

(File Number)

NAME Sensus Spectrum 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(c & j) of the Commission's Rules

Station Locations

- (1) MOBILE: Covington, LA, within 0.1 km, centered around NL 30-26-38; WL 90-05-21
- (2) MOBILE: Durham, North Carolina, within 0.5 km, centered around NL 35-52-02; WL 78-51-41
- (3) MOBILE: Within and around facility, within 0.1 km, centered around NL 41-07-35; WL 78-45-23
- (4) MOBILE: Within and around facility, within 0.1 km, centered around NL 39-54-41; WL 79-42-38

Frequency Information

MOBILE: Covington, LA, within 0.1 km, centered around NL 30-26-38; WL 90-05-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
433-435 MHz	MO	4K81FXD	1 W (ERP)	0.01 %
868-870 MHz	MO	4K81FXD	1 W (ERP)	0.01 %

This authorization effective August 29, 2019 and
will expire 3:00 A.M. EST October 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Durham, North Carolina, within 0.5 km, centered around NL 35-52-02; WL 78-51-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
433-435 MHz	MO	4K81FXD	1 W (ERP)	0.01 %
868-870 MHz	MO	4K81FXD	1 W (ERP)	0.01 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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868-870 MHz	MO	4K81FXD	1 W (ERP)	0.01 %

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

Special Conditions:

- (3) Operations on frequencies in bands allocated to the commercial mobile radio service must be coordinated with commercial mobile radio service licensees.
- (4) Prior to commencing any operations in the frequencies below, Sensus Spectrum LLC must obtain consent from the following within 50 miles of the contours of the testing area:
 - > SMR licensees (809-824 MHz/854-869 MHz)
 - > B/ILT licensees (809-824 MHz/854-869 MHz)
 - > Cellular licensees (824-849 MHz/869-894 MHz)