

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

EXPERIMENTAL

(Nature of Service)

WG2XDK

(Call Sign)

XE FX MO

(Class of Station)

0051-EX-ML-2012

(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(i) of the Commission's Rules

Station Locations

- (1) Covington (ST TAMMANY), LA - NL 30-26-38; WL 90-05-21; MOBILE: Covington, LA, within 0.1 km, centered around NL 30-26-38; WL 90-05-21
- (2) Uniontown, PA - NL 39-54-41; WL 79-42-38; MOBILE: Uniontown, PA, within 0.1 km, centered around NL 39-54-41; WL 79-42-38
- (3) Goleta, CA - NL 34-26-03; WL 119-51-53; MOBILE: Goleta, CA, within 0.1 km, centered around NL 34-26-03; WL 119-51-53
- (4) California, PA - NL 40-03-22; WL 79-55-04; MOBILE: California, PA, within 0.1 km, centered around NL 40-03-22; WL 79-55-04
- (5) Durham, NC - NL 35-52-02; WL 78-51-41; MOBILE: Durham, North Carolina, within 0.1 km, centered around NL 35-52-02; WL 78-51-41
- (6) Stafford, TX - NL 29-37-54; WL 95-35-07; MOBILE: Stafford, Texas, within 0.1 km, centered around NL 29-37-54; WL 95-35-07
- (7) Plano (COLLIN), TX - NL 33-00-21; WL 96-39-54; MOBILE: Plano, Texas, within 0.1 km, centered around NL 33-00-21; WL 96-39-54
- (8) Raleigh (WAKE), NC - NL 35-53-49; WL 78-39-07; MOBILE: Raleigh (WAKE), NC - Indoor Lab testing., within 0.1 km, centered around NL 35-53-49; WL 78-39-07
- (9) Boise, ID - NL 43-36-34; WL 116-18-31; MOBILE: Boise, ID - Bench testing in the lab., within 0.1 km, centered around NL 43-36-34; WL 116-18-31

This authorization effective May 15, 2012 and
will expire 3:00 A.M. EST May 15, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	FX	4K81FXD	350 W (ERP)	

Uniontown, PA - NL 39-54-41; WL 79-42-38; MOBILE: Uniontown, PA, within 0.1 km, centered around NL 39-54-41; WL 79-4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	FX	4K81FXD	350 W (ERP)	

Goleta, CA - NL 34-26-03; WL 119-51-53; MOBILE: Goleta, CA, within 0.1 km, centered around NL 34-26-03; WL 119-51-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	FX	4K81FXD	350 W (ERP)	

California, PA - NL 40-03-22; WL 79-55-04; MOBILE: California, PA, within 0.1 km, centered around NL 40-03-22; WL 79-55-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	FX	4K81FXD	350 W (ERP)	

Frequency Information

Durham, NC - NL 35-52-02; WL 78-51-41; MOBILE: Durham, North Carolina, within 0.1 km, centered around NL 35-52-02; W

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	FX	4K81FXD	350 W (ERP)	

Stafford, TX - NL 29-37-54; WL 95-35-07; MOBILE: Stafford, Texas, within 0.1 km, centered around NL 29-37-54; WL 95-35-l

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	FX	4K81FXD	350 W (ERP)	

Plano (COLLIN), TX - NL 33-00-21; WL 96-39-54; MOBILE: Plano, Texas, within 0.1 km, centered around NL 33-00-21; WL 9

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	FX	4K81FXD	350 W (ERP)	

Raleigh (WAKE), NC - NL 35-53-49; WL 78-39-07; MOBILE: Raleigh (WAKE), NC - Indoor Lab testing., within 0.1 km, center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	FX	4K81FXD	35 W (ERP)	

Frequency Information

Boise, ID - NL 43-36-34; WL 116-18-31; MOBILE: Boise, ID - Bench testing in the lab., within 0.1 km, centered around NL 43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	FX	4K81FXD	35 W (ERP)	

Special Conditions:

- (1) 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.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 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.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Stanton B. Woodcock at 703-635-4770.
- (6) No operation is PERMITTED to transmit in any public safety frequencies listed under Part 90.20.