

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

EXPERIMENTAL

(Nature of Service)

WJ2XFR

(Call Sign)

XT FX MO

(Class of Station)

0757-EX-CN-2017

(File Number)

NAME DeepSig Inc.

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(a & j) of the Commission's Rules

Station Locations

- (1) Arlington (ARLINGTON), VA - NL 38-53-08; WL 77-05-37
- (2) Arlington (ARLINGTON), VA - NL 38-53-08; WL 77-05-37
- (3) Arlington (ARLINGTON), VA - NL 38-53-32; WL 77-04-35
- (4) Arlington (ARLINGTON), VA - NL 38-53-27; WL 77-04-35
- (5) Arlington (ARLINGTON), VA - NL 38-53-10; WL 77-05-45
- (6) Arlington (ARLINGTON), VA - NL 38-53-10; WL 77-05-45
- (7) MOBILE: Arlington, VA: Between Clarendon and Rosslyn, within 2.5 km, centered around NL 38-53-27; WL 77-05-06
- (8) MOBILE: Arlington, VA: Between Clarendon and Rosslyn, within 2.5 km, centered around NL 38-53-27; WL 77-05-06
- (9) MOBILE: Arlington, VA: Between Clarendon and Rosslyn, within 2.5 km, centered around NL 38-53-27; WL 77-05-06
- (10) MOBILE: Arlington, VA: Between Clarendon and Rosslyn, within 2.5 km, centered around NL 38-53-27; WL 77-05-06

Frequency Information

Arlington (ARLINGTON), VA - NL 38-53-08; WL 77-05-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
455 MHz	FX	10M0D7D	6.3 W (ERP)	0.0004 %

This authorization effective January 26, 2018 and
will expire 3:00 A.M. EST February 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Arlington (ARLINGTON), VA - NL 38-53-08; WL 77-05-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4965 MHz	FX	50M0D7D	794 mW (ERP)	0.0004 %

Arlington (ARLINGTON), VA - NL 38-53-32; WL 77-04-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
455 MHz	FX	10M0D7D	6.3 W (ERP)	0.0004 %

Arlington (ARLINGTON), VA - NL 38-53-27; WL 77-04-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4965 MHz	FX	50M0D7D	794 mW (ERP)	0.0004 %

Arlington (ARLINGTON), VA - NL 38-53-10; WL 77-05-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1775 MHz	FX	10M0D7D	1.2 W (ERP)	0.0004 %

Frequency Information

Arlington (ARLINGTON), VA - NL 38-53-10; WL 77-05-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1775 MHz	FX	10M0D7D	1.2 W (ERP)	0.0004 %

MOBILE: Arlington, VA: Between Clarendon and Rosslyn, within 2.5 km, centered around NL 38-53-27; WL 77-05-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
455 MHz	MO	10M0D7D	6.3 W (ERP)	0.0004 %

MOBILE: Arlington, VA: Between Clarendon and Rosslyn, within 2.5 km, centered around NL 38-53-27; WL 77-05-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
455 MHz	MO	10M0D7D	6.3 W (ERP)	0.0004 %

MOBILE: Arlington, VA: Between Clarendon and Rosslyn, within 2.5 km, centered around NL 38-53-27; WL 77-05-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
455 MHz	MO	10M0D7D	6.3 W (ERP)	0.0004 %

Frequency Information

MOBILE: Arlington, VA: Between Clarendon and Rosslyn, within 2.5 km, centered around NL 38-53-27; WL 77-05-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
455 MHz	MO	10M0D7D	6.3 W (ERP)	0.0004 %

Special Conditions:

- (1) 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.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Coordination of operations is required at least 3 days in advance with the NASA/GSFC spectrum manager, Scott Galbraith at 301-286-5089, vincent.s.galbraith@nasa.gov.