

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI2XXG

(Call Sign)

0188-EX-CR-2021

(File Number)

NAME 3DB Communication 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(h) of the Commission's Rules

Station Locations

- (1) Orangeburg (ROCKLAND), NY - NL 41-01-52; WL 73-58-36
- (2) Saint Charles (KANE), IL - NL 41-56-22; WL 88-27-45
- (3) Maple Park (KANE), IL - NL 41-50-39; WL 88-32-04

Frequency Information

Orangeburg (ROCKLAND), NY - NL 41-01-52; WL 73-58-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6765-7000 kHz	FX	95K0G1D	8 kW (ERP)	0.00005 %
7450-8100 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
8100-8195 kHz	FX	95K0G1D	8 kW (ERP)	0.00005 %
9040-9400 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %

This authorization effective June 01, 2021 and
will expire 3:00 A.M. EST June 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Orangeburg (ROCKLAND), NY - NL 41-01-52; WL 73-58-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10150-11175 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
11400-11600 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
12100-12230 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
13410-13570 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
13870-14000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
14350-14990 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
15800-16360 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
17410-17480 kHz	FX	70K0G1D	8 kW (ERP)	0.00005 %
18168-18780 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
19020-19680 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %

Frequency Information

Orangeburg (ROCKLAND), NY - NL 41-01-52; WL 73-58-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
19800-19990 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
20010-21000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
21870-22000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
22855-23000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
23000-23200 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
23350-24890 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %

Saint Charles (KANE), IL - NL 41-56-22; WL 88-27-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6765-7000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
7450-8100 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
8100-8195 kHz	FX	95K0G1D	8 kW (ERP)	0.00005 %

Frequency Information

Saint Charles (KANE), IL - NL 41-56-22; WL 88-27-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9040-9400 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
10150-11175 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
11400-11600 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
12100-12230 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
13410-13570 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
13870-14000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
14350-14990 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
15800-16360 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
17410-17480 kHz	FX	70K0G1D	8 kW (ERP)	0.00005 %
18168-18780 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %

Frequency Information

Saint Charles (KANE), IL - NL 41-56-22; WL 88-27-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
19020-19680 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
19800-19990 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
20010-21000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
21870-22000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
22855-23000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
23000-23200 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
23350-24890 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %

Maple Park (KANE), IL - NL 41-50-39; WL 88-32-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6765-7000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
7450-8100 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %

Frequency Information

Maple Park (KANE), IL - NL 41-50-39; WL 88-32-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8100-8195 kHz	FX	95K0G1D	8 kW (ERP)	0.00005 %
9040-9400 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
10150-11175 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
11400-11600 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
12100-12230 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
13410-13570 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
13870-14000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
14350-14990 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
15800-16360 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
17410-17480 kHz	FX	70K0G1D	8 kW (ERP)	0.00005 %

Frequency Information

Maple Park (KANE), IL - NL 41-50-39; WL 88-32-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
18168-18780 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
19020-19680 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
19800-19990 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
20010-21000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
21870-22000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
22855-23000 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
23000-23200 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %
23350-24890 kHz	FX	96K0G1D	8 kW (ERP)	0.00005 %

Special Conditions:

- (1) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (2) Licensee is required to ensure that trial devices are either rendered inoperable or retrieved by them from trial participants at the conclusion of the trial. Licensee is required to notify trial participants in advance that operation of the trial device is subject to this condition.
- (3) 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.

Special Conditions:

- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) The designated point of contact to terminate the systems if interference occurs is Sam Lucente 630-557-2221 in Illinois and Peter F Skae 914-262-7195 in New York.
- (6) Experimental use is secondary to, and must not interfere with Flight Test operations.
- (7) Licensee must coordinate with other users as necessary to minimize interference.

- (8) Operation is subject to prior coordination with AFTRCC Frequency Advisory Committee, www.aftrcc.org
- (9) Non-approved equipment must be labeled.
- (10) Non-approved equipment must be retrieved.
- (11) This operation is not permitted for stock trading.
- (12) This operation is for experimental purposes only, provision of services is not permitted. Widely divergent and unrelated experiments must not be conducted under this license.