

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WR9XVJ

(Call Sign)

0488-EX-ST-2021

(File Number)

NAME Abside Networks, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The goal of this effort is to perform an evaluation of the Battelle DSA antenna in a multi-frequency cellular application. The evaluation will be conductive by extraction relative LTE-relevant metrics

Station Locations

- (1) Idaho Falls (BONNEVILLE), ID - NL 44-09-44; WL 113-19-41; MOBILE: Isolated valley north of Idaho National Labs INL, within 8 km, centered around NL 44-09-44; WL 113-19-41

Frequency Information

Idaho Falls (BONNEVILLE), ID - NL 44-09-44; WL 113-19-41; MOBILE: Isolated valley north of Idaho National Labs INL, withi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1810-1820 MHz	FX	10M0M7D	24.3815 W (ERP)	0.0001 %
1835-1845 MHz	FX	10M0M7D	24.3815 W (ERP)	0.0001 %

This authorization effective June 21, 2021 and
will expire 3:00 A.M. EST June 27, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Idaho Falls (BONNEVILLE), ID - NL 44-09-44; WL 113-19-41; MOBILE: Isolated valley north of Idaho National Labs INL, withi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2220-2230 MHz	FX	10M0M7D	24.3815 W (ERP)	0.0001 %
2245-2255 MHz	FX	10M0M7D	24.3815 W (ERP)	0.0001 %
4545-4555 MHz	FX	10M0M7D	38.642 W (ERP)	0.0001 %
4845-4855 MHz	FX	10M0M7D	38.642 W (ERP)	0.0001 %

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) Prior to commencing operations, Abside Networks, Inc. must provide AF (Jimmy.nguyen@us.af.mil) with Stop buzzer POC info.
- (3) All mobile operations in the 2200-2290 MHz frequency band shall be limited to line-of-sight operations only.
- (4) Abside Networks, Inc. shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) Abside Networks, Inc. should be aware that the band 2200-2290 MHz is allocated for federal operations and is an extremely congested band. Non-federal use is on a case-by-case basis with approval of requests for operational and long-term use being highly unlikely.