

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

EXPERIMENTAL

(Nature of Service)

WP9XQB

(Call Sign)

XT FX

(Class of Station)

0623-EX-ST-2021

(File Number)

NAME CellBlox Acquisitions, LLC

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 purpose of operation under this STA is to demonstrate acceptable deployment, tuning, testing and operations of the Securus Managed Access System, to include the third generation (Gen3)

Station Locations

(1) Shirley (WORCESTER), MA - NL 42-31-25; WL 71-38-55

Frequency Information

Shirley (WORCESTER), MA - NL 42-31-25; WL 71-38-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
617-652 MHz	FX	G7W	20 W (Output Power)	
729-805 MHz	FX	G7W	20 W (Output Power)	
859-894 MHz	FX	G7W	20 W (Output Power)	

This authorization effective May 01, 2021 and
will expire 3:00 A.M. EST November 02, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Shirley (WORCESTER), MA - NL 42-31-25; WL 71-38-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1930-1995 MHz	FX	G7W	20 W (Output Power)	
2110-2170 MHz	FX	G7W	20 W (Output Power)	
2350-2360 MHz	FX	G7W	20 W (Output Power)	
2570-2650 MHz	FX	G7W	20 W (Output Power)	

Special Conditions:

- (1) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (2) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (3) Operation on Commercial Mobile Radio Services (CMRS) frequencies requires consent of CMRS licensees to avoid interference.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (6) 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.
- (7) Operation in the 729-768 MHz band requires consent of all 700 MHz Lower and Upper Blocks A, B and C licensees in the immediate area of testing.

Special Conditions:

- (8) a. Licensee shall prior coordinate Band 14 use with FirstNet. Failure to coordinate shall result in FirstNet seeking immediate suspension of the experimental license by the FCC.
- b. Licensee shall not cause interference to FirstNet NPSBN operations or those approved to operate in Band 14 per license (i.e. AT&T testing or public safety entities authorized to operate on Band 14).
- c. License POC shall submit "Stop Buzzer" contact with "kill switch" authority to FirstNet at peter.tomczak@firstnet.gov upon authorization issuance; licensee agrees to immediately cease operations on Band 14 if notified of any interference concerns.
- d. Licensee agrees that this license may be subject to further review by the FCC and re-coordination with FirstNet.
- (9) Licensee must obtain consents from the Educational Broadband Service and the Broadband Radio Service licensees prior to accessing to the frequency range from 2570 MHz to 2690 MHz
- (10) Licensee must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 617-652 MHz band. Consult the list at <http://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.
- (11) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
- > 700 MHz Lower Band "A" block licensees (698-704 MHz/728-734 MHz)
 - > 700 MHz Lower Band "B" block licensees (704-710 MHz/734-740 MHz)
 - > 700 MHz Lower Band "C" block licensees (710-716 MHz/740-746 MHz)
 - > 700 MHz Upper Band "C" block (746-757 MHz and 776-787 MHz) licensee (Verizon) and/or lessees
 - > 700 MHz Guard Band licensees (757-758 MHz/787-788 MHz)
 - > 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)
 - > Commercial Air-Ground licensee (849-851 MHz/894-896 MHz)
 - > Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
 - > 1910-1915 MHz/1990-1995 MHz Bands licensee (Sprint)
 - > WCS (2305-2320 MHz/2345-2360 MHz) licensee (AT&T)
- (12) Licensee must coordinate with the incumbent Fixed Microwave licensee(s) to avoid interference in the 2110-2170 MHz band in each corresponding proposed venue prior to conducting the testing.