

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WP9XQB

(Call Sign)

2129-EX-ST-2019

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

Frequency Information

Shirley, 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 November 15, 2019 and
will expire 3:00 A.M. EST May 02, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Shirley, 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)	
2110-2155 MHz	FX	G7W	20 W (Output Power)	
2350-2360 MHz	FX	G7W	20 W (Output Power)	
2620-2690 MHz	FX	G7W	20 W (Output Power)	

Special Conditions:

- (1) Operation on Commercial Mobile Radio Services (CMRS) frequencies requires consent of CMRS licensees to avoid interference.
- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Cellblox must secure consents from the Advance Wireless Service licensees prior to operation in the 2110-2155 MHz band.
- (5) Cellblox must obtain consents from the Educational Broadband Service and the Broadband Radio Service licensees prior to operation in 2620-2690 MHz range.
- (6) Cellblox must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to cooperation in 617-652 MHz band. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (7) CellBlox Acquisitions, LLC must notch out the following frequency:
 - a. 2455 MHz (+/- 1.22 MHz)
 - b. 2480 MHz (+/- 1.22 MHz)
- (8) CellBlox Acquisitions, LLC must prevent out-of-band radiation from this application into the 2690-2700 MHz band

Special Conditions:

- (9) Prior to commencing any operations in the frequencies below, CellBlox Acquisitions, LLC must obtain consent from the following within 50 miles of the contours of the testing area:
- a. 700 MHz Lower Band "A" block licensees (698-704 MHz/728-734 MHz)
 - b. 700 MHz Lower Band "B" block licensees (704-710 MHz/734-740 MHz)
 - c. 700 MHz Lower Band "C" block licensees (710-716 MHz/740-746 MHz)
 - d. 700 MHz Upper Band "C" block (746-757 MHz and 776-787 MHz) licensee (Verizon) and/or lessees
 - e. 700 MHz Guard Band licensees (757-758 MHz/787-788 MHz)
 - f. SMR licensees (809-824 MHz/854-869 MHz)
 - g. B/ILT licensees (809-824 MHz/854-869 MHz)
 - h. Cellular licensees (824-849 MHz/869-894 MHz)
 - i. Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
 - j. WCS (2305-2320 MHz/2345-2360 MHz) licensee (AT&T)
- (10) 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.
- (11) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: amended condition