

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

EXPERIMENTAL

(Nature of Service)

WI9XOI

(Call Sign)

XT FX MO

(Class of Station)

0521-EX-ST-2015

(File Number)

NAME Oceus Networks

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:

Support to US Army urban technology/system testing and training operations.

Station Locations

- (1) San Antonio (BEXAR), TX - NL 29-30-34; WL 98-27-41; MOBILE: within 3km of 2018 E Lawndale Dr, within 3 km
- (2) San Antonio (BEXAR), TX - NL 29-30-58; WL 98-40-42; MOBILE: within 3km of 9313 Bowen Dr, within 3 km
- (3) San Antonio (BEXAR), TX - NL 29-27-50; WL 98-41-15; MOBILE: within 3km of 82 Tranquil Terrace, within 3 km
- (4) San Antonio (BEXAR), TX - NL 29-23-30; WL 98-34-00; MOBILE: within 5km of fixed location, within 5 km

Frequency Information

San Antonio (BEXAR), TX - NL 29-30-34; WL 98-27-41; MOBILE: within 3km of 2018 E Lawndale Dr, within 3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	MO	W7W	250 mW (ERP)	

This authorization effective June 01, 2015 and
will expire 3:00 A.M. EST July 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Antonio (BEXAR), TX - NL 29-30-34; WL 98-27-41; MOBILE: within 3km of 2018 E Lawndale Dr, within 3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	FX	10M0W7W	250 W (ERP)	
824-849 MHz	MO	W7W	250 mW (ERP)	
869-894 MHz	FX	20M0W7W	250 W (ERP)	
1710-1755 MHz	MO	W7W	250 mW (ERP)	
2110-2115 MHz	FX	20M0W7W	250 W (ERP)	

San Antonio (BEXAR), TX - NL 29-30-58; WL 98-40-42; MOBILE: within 3km of 9313 Bowen Dr, within 3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	MO	W7W	250 mW (ERP)	
788-798 MHz	FX	10M0W7W	250 W (ERP)	
824-849 MHz	MO	W7W	250 mW (ERP)	
869-894 MHz	FX	20M0W7W	250 W (ERP)	

Frequency Information

San Antonio (BEXAR), TX - NL 29-30-58; WL 98-40-42; MOBILE: within 3km of 9313 Bowen Dr, within 3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	W7W	250 mW (ERP)	
2110-2115 MHz	FX	20M0W7W	250 W (ERP)	

San Antonio (BEXAR), TX - NL 29-27-50; WL 98-41-15; MOBILE: within 3km of 82 Tranquil Terrace, within 3 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	MO	W7W	250 mW (ERP)	
788-798 MHz	FX	10M0W7W	250 W (ERP)	
824-849 MHz	MO	W7W	250 mW (ERP)	
869-894 MHz	FX	20M0W7W	250 W (ERP)	
1710-1755 MHz	MO	W7W	250 mW (ERP)	
2110-2115 MHz	FX	20M0W7W	250 W (ERP)	

Frequency Information

San Antonio (BEXAR), TX - NL 29-23-30; WL 98-34-00; MOBILE: within 5km of fixed location, within 5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	MO	W7W	250 mW (ERP)	
788-798 MHz	FX	10M0W7W	250 W (ERP)	
824-849 MHz	MO	W7W	250 mW (ERP)	
869-894 MHz	FX	20M0W7W	250 W (ERP)	
1710-1755 MHz	MO	W7W	250 mW (ERP)	
2110-2115 MHz	FX	20M0W7W	250 W (ERP)	

Special Conditions:

- (1) Operation on Commercial Mobile Radio Services (CMRS) frequencies requires consent of CMRS licensees to avoid interference.
- (2) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.

Special Conditions:

(3) Operations on 700 MHz public safety spectrum is subject to the following:

1. Scope of license limited to applicant facility.
2. Project limited to testing and may not involve live-duty operations by first responders or others.
3. Applicant must accept interference from any other user of Band 14.
4. Applicant must not cause interference to FirstNet operations or those approved to operate in Band 14 per license (i.e., any Band 14 incumbents).
5. Verification by applicant of no current potential for interference with FirstNet operations or those approved to operate in Band 14 per license (i.e., any Band 14 incumbents).
6. POC established with kill switch authority; applicant agrees to cease operations at request of FirstNet within 24 hours upon receipt of request to kill switch POC until such time, as determined by FirstNet, that interference issues are no longer at issue.