

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

EXPERIMENTAL

(Nature of Service)

WO9XEG

(Call Sign)

XT FX MO

(Class of Station)

0494-EX-ST-2019

(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:

Oceus Networks is testing 4G LTE and 5G equipment in support of a DoD contract.

Station Locations

- (1) Burneyville (LOVE), OK - NL 33-55-37; WL 97-18-34; MOBILE: within 3km of coordinates listed, within 3 km, centered around NL 33-55-37; WL 97-18-34
- (2) MOBILE: Within 3km of coordinates listed, within 3 km, centered around NL 33-55-35; WL 97-17-52
- (3) MOBILE: Within 3km of coordinates listed, within 3 km, centered around NL 33-54-07; WL 97-17-54
- (4) MOBILE: Within 3km of coordinates listed, within 3 km, centered around NL 33-56-05; WL 97-19-53
- (5) MOBILE: Within 3km of coordinates listed, within 3 km, centered around NL 33-55-42; WL 97-21-05
- (6) MOBILE: Within 3km of coordinates listed, within 3 km, centered around NL 33-53-05; WL 97-17-34

This authorization effective April 18, 2019 and
will expire 3:00 A.M. EST July 16, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Burneyville (LOVE), OK - NL 33-55-37; WL 97-18-34; MOBILE: within 3km of coordinates listed, within 3 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
703-748 MHz	MO	20M0W7W	250 mW (ERP)	
758-803 MHz	MO	20M0W7W	144 W (ERP)	
1710-1785 MHz	MO	20M0W7W	250 mW (ERP)	
1805-1880 MHz	MO	20M0W7W	212 W (ERP)	
1850-1910 MHz	MO	20M0W7W	250 mW (ERP)	
1930-1990 MHz	FX	20M0W7W	215 W (ERP)	

MOBILE: Within 3km of coordinates listed, within 3 km, centered around NL 33-55-35; WL 97-17-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
703-748 MHz	MO	20M0W7W	250 mW (ERP)	
758-803 MHz	MO	20M0W7W	69.2 W (ERP)	
1710-1785 MHz	MO	20M0W7W	250 mW (ERP)	

Frequency Information

MOBILE: Within 3km of coordinates listed, within 3 km, centered around NL 33-55-35; WL 97-17-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1880 MHz	MO	20M0W7W	67.6 W (ERP)	
1850-1910 MHz	MO	20M0W7W	250 mW (ERP)	
1930-1990 MHz	MO	20M0W7W	68 W (ERP)	

MOBILE: Within 3km of coordinates listed, within 3 km, centered around NL 33-54-07; WL 97-17-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
703-748 MHz	MO	20M0W7W	250 mW (ERP)	
758-803 MHz	MO	20M0W7W	69.2 W (ERP)	
1710-1755 MHz	MO	20M0W7W	250 mW (ERP)	
1805-1880 MHz	MO	20M0W7W	67.6 W (ERP)	
1850-1910 MHz	MO	20M0W7W	250 mW (ERP)	
1930-1990 MHz	MO	20M0W7W	67.6 W (ERP)	

Frequency Information

MOBILE: Within 3km of coordinates listed, within 3 km, centered around NL 33-56-05; WL 97-19-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
703-748 MHz	MO	20M0W7W	250 mW (ERP)	
758-803 MHz	MO	20M0W7W	69.2 W (ERP)	
1710-1785 MHz	MO	20M0W7W	250 mW (ERP)	
1805-1880 MHz	MO	20M0W7W	67.6 W (ERP)	
1850-1910 MHz	MO	20M0W7W	250 mW (ERP)	
1930-1990 MHz	MO	20M0W7W	67.6 W (ERP)	

MOBILE: Within 3km of coordinates listed, within 3 km, centered around NL 33-55-42; WL 97-21-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
703-748 MHz	MO	20M0W7W	250 mW (ERP)	
758-803 MHz	MO	20M0W7W	144 W (ERP)	
1710-1785 MHz	MO	20M0W7W	250 mW (ERP)	

Frequency Information

MOBILE: Within 3km of coordinates listed, within 3 km, centered around NL 33-55-42; WL 97-21-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1880 MHz	MO	20M0W7W	212 W (ERP)	
1850-1910 MHz	MO	20M0W7W	250 mW (ERP)	
1930-1990 MHz	MO	20M0W7W	215 W (ERP)	

MOBILE: Within 3km of coordinates listed, within 3 km, centered around NL 33-53-05; WL 97-17-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
703-748 MHz	MO	20M0W7W	250 mW (ERP)	
758-803 MHz	MO	20M0W7W	144 W (ERP)	
1710-1785 MHz	MO	20M0W7W	250 mW (ERP)	
1805-1880 MHz	MO	20M0W7W	212 W (ERP)	
1850-1910 MHz	MO	20M0W7W	250 mW (ERP)	
1930-1990 MHz	MO	20M0W7W	215 W (ERP)	

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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 licensees (698-746 MHz)
700 MHz Upper Band licensees (746-758 MHz and 775-788 MHz)
Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
- (4) Licensee shall notch out any Band 14 frequencies.
- (5) Licensee shall secure consents from the Advance Wireless Service licensees prior to accessing to 1710-1785 MHz band.