

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

EXPERIMENTAL

(Nature of Service)

WO9XMG

(Call Sign)

XC FX MO

(Class of Station)

0846-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) Celina (COLLIN), TX - NL 33-22-10; WL 96-45-22; MOBILE: , within 10 km, centered around NL 33-22-10; WL 96-45-22
- (2) MOBILE: , within 3 km, centered around NL 33-27-39; WL 96-44-22
- (3) MOBILE: HWY 428 West, within 3 km, centered around NL 33-18-21; WL 96-50-13
- (4) MOBILE: HWY 543, within 3 km, centered around NL 33-19-25; WL 96-39-43

Frequency Information

Celina (COLLIN), TX - NL 33-22-10; WL 96-45-22; MOBILE: , within 10 km, centered around NL 33-22-10; WL 96-45-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
725-730 MHz		5M00W7W	250 mW (ERP)	
770-775 MHz	FX	5M00W7W	144 W (ERP)	

This authorization effective May 23, 2019 and
will expire 3:00 A.M. EST July 16, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Celina (COLLIN), TX - NL 33-22-10; WL 96-45-22; MOBILE: , within 10 km, centered around NL 33-22-10; WL 96-45-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1775-1780 MHz		5M00W7W	250 mW (ERP)	
1855-1860 MHz		5M00W7W	250 mW (ERP)	
1870-1875 MHz	FX	5M00W7W	212 W (ERP)	
1935-1940 MHz	FX	5M00W7W	215 W (ERP)	

MOBILE: , within 3 km, centered around NL 33-27-39; WL 96-44-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
725-730 MHz	MO	5M00W7W	250 mW (ERP)	
770-775 MHz	MO	5M00W7W	69 W (ERP)	
1775-1780 MHz	MO	5M00W7W	250 mW (ERP)	
1855-1860 MHz	MO	5M00W7W	250 mW (ERP)	
1870-1875 MHz	MO	5M00W7W	67.6 W (ERP)	

Frequency Information

MOBILE: , within 3 km, centered around NL 33-27-39; WL 96-44-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1935-1940 MHz	MO	5M00W7W	67.6 W (ERP)	

MOBILE: HWY 428 West, within 3 km, centered around NL 33-18-21; WL 96-50-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
725-730 MHz	MO	5M00W7W	250 mW (ERP)	
770-775 MHz	MO	5M00W7W	69 W (ERP)	
1775-1780 MHz	MO	5M00W7W	250 mW (ERP)	
1855-1860 MHz	MO	5M00W7W	250 mW (ERP)	
1870-1875 MHz	MO	5M00W7W	67.6 W (ERP)	
1935-1940 MHz	MO	5M00W7W	67.6 W (ERP)	

Frequency Information

MOBILE: HWY 543, within 3 km, centered around NL 33-19-25; WL 96-39-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
725-730 MHz	MO	5M00W7W	250 mW (ERP)	
770-775 MHz	MO	5M00W7W	69 W (ERP)	
1775-1780 MHz	MO	5M00W7W	250 mW (ERP)	
1855-1860 MHz	MO	5M00W7W	250 mW (ERP)	
1870-1875 MHz	MO	5M00W7W	67.6 W (ERP)	
1935-1940 MHz	MO	5M00W7W	67.6 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) The applicant shall secure consents from the Advance Wireless Service licensees prior to accessing to 1775-1780 MHz band.
- (4) 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 'E' block licensees (722-728 MHz)
Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)