

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WF2XRC

(Call Sign)

XT MO

(Class of Station)

0264-EX-CR-2019

(File Number)

NAME Oceus Networks

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(f) of the Commission's Rules

Station Locations

- (1) MOBILE: nationwide
- (2) MOBILE: United States (All 50)

Frequency Information

MOBILE: nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	MO	10M0W7W	1 W (ERP)	
728-746 MHz	MO	10M0W7W	2 W (ERP)	
746-756 MHz	MO	10M0W7W	2 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

This authorization effective May 01, 2019 and
will expire 3:00 A.M. EST May 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
816-821 MHz	MO	20M0W7W	2 W (ERP)	
832-851 MHz	MO	20M0W7W	1 W (ERP)	
1710-1785 MHz	MO	20M0W7W	1 W (ERP)	
1710-1755 MHz	MO	20M0W7W	1 W (ERP)	
1850-1880 MHz	MO	20M0W7W	2 W (ERP)	
1850-1915 MHz	MO	20M0W7W	1 W (ERP)	
1850-1910 MHz	MO	20M0W7W	1 W (ERP)	
1920-1980 MHz	MO	20M0W7W 5M00G7W	1 W (ERP)	
1930-1990 MHz	MO	20M0W7W 20M0W7W	2 W (ERP)	
1930-1995 MHz	MO	20M0W7W	2 W (ERP)	

Frequency Information

MOBILE: nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2170 MHz	MO	20M0W7W 5M00W7W	2 W (ERP)	
2110-2155 MHz	MO	30M0W7W	2 W (ERP)	
2496-2690 MHz	MO	20M0W7W	2 W (ERP)	
2500-2570 MHz	MO	20M0W7W	1 W (ERP)	
2620-2690 MHz	MO	20M0W7W	2 W (ERP)	

MOBILE: United States (All 50)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	20M0W7W	250 mW (ERP)	
869-894 MHz	MO	20M0W7W	2 W (ERP)	

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 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.

Special Conditions:

- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (4) Operation on Commercial Mobile Radio Services (CMRS) frequencies requires consent of CMRS licensees to avoid interference.
- (5) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (6) Frequencies have been adjusted based on coordination responses from NTIA and the FCC Public Safety and Homeland Security Bureau. Requests for operations on these frequencies should be made on a case by case basis.
- (7) Licensee shall keep a log of their operations that includes all the times, dates and locations of their experimental operations.
- (8) Licensee shall coordinate with any affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees in 2496-2690 MHz.
- (9) Operations in 2496-2500 MHz is denied due to potential interference to satellite operations.
- (10) FOR THE 1710-1785 MHZ FREQUENCY BAND REQUEST, OPERATIONS IN NEW MEXICO AND TEXAS (WEST OF 104W) MUST BE COORDINATED WITH THE DOD AFC-WHITE SANDS MISSILE RANGE, AT LEAST SEVEN DAYS PRIOR TO ACTIVATION, VIA E-MAIL TO USARMY.WSMR.IMCOM-CENTRAL.LIST.DODAFC@MAIL.MIL.
- (11) Stop Buzzer POC is Scott McCluney
Phone: (706) 504-8015