

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WG2XYT

(Call Sign)

0597-EX-PL-2013

(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(l) of the Commission's Rules

Station Locations

- (1) MOBILE: Oceus Networks Plano lab, within 1 km, centered around NL 33-04-22; WL 96-49-22
- (2) MOBILE: Rural Oklahoma near Talihina, within 10 km, centered around NL 34-46-31; WL 95-07-53
- (3) MOBILE: White Sands Missile Range loc 1, within 20 km, centered around NL 32-26-23; WL 106-14-28
- (4) MOBILE: White Sands Missile Range loc 2, within 15 km, centered around NL 32-24-05; WL 106-26-53
- (5) MOBILE: White Sands Missile Range loc 3, within 20 km, centered around NL 33-31-40; WL 106-27-07
- (6) MOBILE: White Sands Missile Range, loc 4, within 20 km, centered around NL 33-19-17; WL 106-24-39
- (7) MOBILE: White Sands Missile Range, loc 5, within 20 km, centered around NL 33-01-38; WL 106-21-21

Frequency Information

MOBILE: Oceus Networks Plano lab, within 1 km, centered around NL 33-04-22; WL 96-49-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2473-2495 MHz	MO	22M0M9W	4 W (ERP)	

This authorization effective December 06, 2013 and
will expire 3:00 A.M. EST December 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Rural Oklahoma near Talihina, within 10 km, centered around NL 34-46-31; WL 95-07-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2473-2495 MHz	MO	22M0M9W	4 W (ERP)	

MOBILE: White Sands Missile Range loc 1, within 20 km, centered around NL 32-26-23; WL 106-14-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2473-2495 MHz	MO	22M0M9W	4 W (ERP)	

MOBILE: White Sands Missile Range loc 2, within 15 km, centered around NL 32-24-05; WL 106-26-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2473-2495 MHz	MO	22M0M9W	4 W (ERP)	

MOBILE: White Sands Missile Range loc 3, within 20 km, centered around NL 33-31-40; WL 106-27-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2473-2495 MHz	MO	22M0M9W	4 W (ERP)	

Frequency Information

MOBILE: Whote Sands Missile Range, loc 4, within 20 km, centered around NL 33-19-17; WL 106-24-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2473-2495 MHz	MO	22M0M9W	4 W (ERP)	

MOBILE: White Sands Missile Range, loc 5, within 20 km, centered around NL 33-01-38; WL 106-21-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2473-2495 MHz	MO	22M0M9W	4 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.