

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

EXPERIMENTAL
(Nature of Service)

XT FX
(Class of Station)

WQ2XOU
(Call Sign)

0465-EX-CN-2026
(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) Alpena (ALPENA), MI - NL 45-24-29; WL 83-42-59
- (2) Oscoda (OSCODA), MI - NL 44-27-06; WL 83-21-54

Frequency Information

Alpena (ALPENA), MI - NL 45-24-29; WL 83-42-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0W7W	1 W (ERP)	
2110-2155 MHz	FX	20M0W7W	2 W (ERP)	
2496-2690 MHz	FX	20M0W7W	2 W (ERP)	

This authorization effective July 14, 2026 and
will expire 3:00 A.M. EST July 01, 2028

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

Oscoda (OSCODA), MI - NL 44-27-06; WL 83-21-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2496-2690 MHz	FX	20M0W7W	2 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Stop buzzers: Todd Pressley, Deputy CTO, 703-468-1392 and Daniel Goldberg (571) 331-3762.
- (4) Prior to commencing operations in the authorized frequency band(s), the experimental licensee must notify the potentially affected licensees below. The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should also include the testing parameters (e.g., specific location(s), frequency bands, antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.

Frequency Bands: 820-1280 MHz ((Earth-to-space) 2000-4000 MHz (S-band) (Call sign S3213)

Licensee: Spire Global, Inc. Phone Number: 415-356-3400

ATTN: Ms Francisca Adeuyi E-Mail: francisca.adeuyi@spire.com

Frequency Bands: 2483.5-2500 MHz(s-E) (Call sign S2115)

Licensee: Globalstar Licensee LLC, Phone Number: 985-335-1503

ATTN: L. Barbee Ponder IV, E-Mail: Barbee.Ponder@Globalstar.com

- (5) The applicant must notify the Educational Broadband Service and Broadband Radio Service licensees in proposed areas prior to operation in the frequency range from 2496 MHz to 2690 MHz.
- (6) The applicant must notify the Advanced Wireless Service licensees in the proposed areas prior to accessing to the frequencies from 1710 MHz to 1755 MHz and from 2110 MHz to 2155 MHz.
- (7) The applicant must coordinate with the local Society of Broadcast Engineers frequency coordinator in the proposed areas prior to conducting experimental operations.
- (8) The applicant must coordinate with the Fixed Microwave Service licensees in the proposed venues prior to commencing the experimental operations.