

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WL2XNE

(Call Sign)

0061-EX-CN-2021

(File Number)

NAME Skybeam, LLC

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(j) of the Commission's Rules

Station Locations

- (1) Weatherford (PARKER), TX - NL 32-52-24; WL 97-42-07
- (2) Sealy (AUSTIN), TX - NL 29-43-36; WL 96-09-04
- (3) Freeport (BRAZORIA), TX - NL 29-05-39; WL 95-16-48
- (4) Quinlan (HUNT), TX - NL 32-54-24; WL 96-07-46
- (5) Mart (MCLENNAN), TX - NL 31-32-35; WL 96-50-42

Frequency Information

Weatherford (PARKER), TX - NL 32-52-24; WL 97-42-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6110-6190 MHz	FX	80M0D7D	206.46 mW (ERP)	
6300-6380 MHz	FX	80M0D7D	206.46 mW (ERP)	

This authorization effective February 25, 2021 and
will expire 3:00 A.M. EST March 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Sealy (AUSTIN), TX - NL 29-43-36; WL 96-09-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6107-6187 MHz	FX	80M0D7D	206.46 mW (ERP)	
6220-6300 MHz	FX	80M0D7D	206.46 mW (ERP)	

Freeport (BRAZORIA), TX - NL 29-05-39; WL 95-16-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6120-6200 MHz	FX	80M0D7D	206.46 mW (ERP)	
6200-6280 MHz	FX	80M0D7D	206.46 mW (ERP)	

Quinlan (HUNT), TX - NL 32-54-24; WL 96-07-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6005 MHz	FX	80M0D7D	206.46 mW (ERP)	

Mart (MCLENNAN), TX - NL 31-32-35; WL 96-50-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6110-6190 MHz	FX	80M0D7D	206.46 mW (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) Skybeam, LLC shall coordinate with Fixed Microwave Service licensees in each proposed area in accordance with 47 C.F.R, Part 101.103(d) prior to operation in the proposed frequency bands.
- (4) For operation in the 5925-6425 MHz frequency band, the maximum output power from the outdoor access points must not exceed 1 watt (30 dBm) and the maximum EIRP must not exceed 36 dBm. In addition, the maximum power spectral density shall not exceed 23 dBm in any 1 megahertz band.
- (5) For operation in the 5925-6425 MHz frequency band, the radiated power from outdoor access points must not exceed 21 dBm EIRP at angles of more than 30 degrees above the horizon to protect satellite receivers.