

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

EXPERIMENTAL

(Nature of Service)

WL2XRO

(Call Sign)

XT FX MO

(Class of Station)

0233-EX-CN-2021

(File Number)

NAME Falcon Internet

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(h) of the Commission's Rules

Station Locations

- (1) BARTLETT (WILLIAMSON), TX - NL 30-47-40; WL 97-25-39
- (2) SALADO (BELL), TX - NL 30-56-30; WL 97-29-23
- (3) MOBILE: Bartlett, TX, within 8 km, centered around NL 30-47-40; WL 97-25-39
- (4) MOBILE: Salado, TX, within 8 km, centered around NL 30-56-30; WL 97-29-23

Frequency Information

BARTLETT (WILLIAMSON), TX - NL 30-47-40; WL 97-25-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6400 MHz	FX	80M0D7D	206.46 mW (ERP)	

SALADO (BELL), TX - NL 30-56-30; WL 97-29-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6400 MHz	FX	80M0D7D	206.46 mW (ERP)	

This authorization effective January 07, 2022 and
will expire 3:00 A.M. EST June 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Bartlett, TX, within 8 km, centered around NL 30-47-40; WL 97-25-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6400 MHz	MO	80M0D7D	2.4 W (ERP)	

MOBILE: Salado, TX, within 8 km, centered around NL 30-56-30; WL 97-29-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6400 MHz	MO	80M0D7D	2.4 W (ERP)	

Special Conditions:

- (1) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (2) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (3) The applicant must coordinate with the Fixed Microwave Service licensees in each proposed area in accordance with 47 C.F.R, Part 101.103(d) prior to operation in the requested frequency bands.
- (4) For an outdoor standard power access point (AFC Controlled) operating in the 5925-6400 MHz (U-NII-5: 5925-6425 MHz) band, the maximum output power from the outdoor access points must not exceed 1 watt (30 dBm) into a 6 dBi antenna for a total of 36 dBm (4 watt) EIRP. The maximum EIRP over the frequency band of operation must not exceed 36 dBm (4 watt). In addition, the maximum power spectral density must not exceed 23 dBm (200mW) EIRP in any 1-megahertz band.
- (5) For operation in the 5925-6400 MHz frequency band, the radiated power from outdoor access points must not exceed 21 dBm (125mW) EIRP at angles of more than 30 degrees above the horizon to protect satellite receivers.
- (6) ERP is not exceeded 2.4 W.
- (7) Operation is not permitted using the frequency 5900-5925 MHz.
- (8) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: excluded frequency band.