

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WL2XSD

(Call Sign)

0343-EX-CN-2021

(File Number)

NAME Sail Internet, Inc.

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, j) of the Commission's Rules

Station Locations

- (1) SANTA CLARA (SANTA CLARA), CA - NL 37-20-49; WL 121-56-25
- (2) SAN JOSE (SANTA CLARA), CA - NL 37-20-28; WL 121-54-26

Frequency Information

SANTA CLARA (SANTA CLARA), CA - NL 37-20-49; WL 121-56-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6400 MHz	FX	80M0D7D	15.25 W (ERP)	5.0E-6 %

SAN JOSE (SANTA CLARA), CA - NL 37-20-28; WL 121-54-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6400 MHz	FX	80M0D7D	15.25 W (ERP)	5.0E-6 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective June 08, 2021 and
will expire 3:00 A.M. EST June 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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 Buzzer: Kevin Fisher at 650-714-6914, kevinfisher@sailinternet.com
- (4) Sail Internet, Inc. shall coordinate with the Fixed Microwave Service licensees in the corresponding proposed venue in accordance with 47 C.F.R, Part 101.103(d) prior to operation in the proposed frequency bands.
- (5) For an outdoor standard power access point (AFC Controlled) and fixed client device operating in the 5.955-6.425 GHz (U-NII-5) band, the maximum power spectral density must not exceed 23 dBm (200mW) EIRP in any 1-megahertz band. In addition, the maximum EIRP over the frequency band of operation must not exceed 36 dBm (4 watt).
- (6) For conducting outdoor tests in the 5.955-6.425 GHz (U-NII-5) frequency band, the maximum EIRP from a Standard-Power Access Point (AFC Controlled) and fixed client device must not exceed 125 mW (21 dBm) at any elevation angle of more than 30 degrees above the horizon to protect satellite receivers.
- (7) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number to amend frequency band from 5900-6400 MHz to 5925-6400 MHz. UNII-5 band is 5925-6425 MHz.