

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WS9XAY

(Call Sign)

XT FX

(Class of Station)

0769-EX-ST-2021

(File Number)

NAME FCL Tech, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

This is a proof of concept for a converged wireless system that will operate at the 2.4GHz Wi-Fi band and at Band 3.

Station Locations

(1) Menlo Park (SAN MATEO), CA - NL 37-29-00; WL 122-09-00

Frequency Information

Menlo Park (SAN MATEO), CA - NL 37-29-00; WL 122-09-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1785 MHz	FX	10M0W9D 20M0W9D	100 mW (ERP)	0.005 %
1805-1880 MHz	FX	10M0W9D 20M0W9D	0.0851 W (ERP)	0.05 %
2401-2495 MHz	FX	10M0W9D	0.0851 W (ERP)	0.005 %

This authorization effective June 23, 2021 and
will expire 3:00 A.M. EST November 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Menlo Park (SAN MATEO), CA - NL 37-29-00; WL 122-09-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2401-2495 MHz	FX	20M0W9D	0.0851 W (ERP)	0.005 %

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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The applicant must coordinate with the Advanced Wireless Service licensees in the proposed area prior to accessing to the frequency range from 1710 MHz to 1785 MHz.
- (4) The applicant must coordinate with the local Society of Broadcast Engineers frequency coordinator and the Fixed Microwave Service licensees in the corresponding proposed area prior to operation in the frequency range from 2450 MHz to 2495 MHz.
- (5) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)