

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WK2XDB

(Call Sign)

0251-EX-CN-2019

(File Number)

NAME FCL Tech, 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) of the Commission's Rules

Station Locations

- (1) Menlo Park (SAN MATEO), CA - NL 37-29-01; WL 122-08-59
- (2) Menlo Park (SAN MATEO), CA - NL 37-29-12; WL 122-08-46

Frequency Information

Menlo Park (SAN MATEO), CA - NL 37-29-01; WL 122-08-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
890-915 MHz	FX	5M00G9W	1.902 W (ERP)	0.04 %
935-960 MHz	FX	5M00G9W	1.902 W (ERP)	0.04 %

Menlo Park (SAN MATEO), CA - NL 37-29-12; WL 122-08-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1785 MHz	FX	5M00G9W 10M0G9W	9.69 W (ERP)	0.04 %

This authorization effective April 30, 2019 and
will expire 3:00 A.M. EST August 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Menlo Park (SAN MATEO), CA - NL 37-29-12; WL 122-08-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1785 MHz	FX	15M0G9W 20M0G9W	9.69 W (ERP)	0.04 %
1805-1880 MHz	FX	5M00G9W 10M0G9W 15M0G9W 20M0G9W	9.69 W (ERP)	0.04 %

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) FCL Tech, Inc. must notch out 1830-1845 MHz due to potential interference with ongoing law enforcement operations.
- (4) FCL Tech, Inc. must notch out 1756.5 MHz and 1880 MHz.
- (5) FCL Tech, Inc. must obtain consents from the Advance Wireless Service licensees prior to accessing to 1710-1785 MHz band.
- (6) FCL Tech, Inc. must coordinate with the local Society of Broadcast Engineers frequency coordinator and the affected Fixed Microwave Service licensees prior to operation in 935-960 MHz band.
- (7) 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:
 - Cellular licensees (824-849 MHz/869-894 MHz)
 - Commercial Air-Ground licensee (849-851 MHz/894-896 MHz)
 - SMR licensees (896-901 MHz/935-940 MHz)
 - B/ILT licensees (896-901 MHz/935-940 MHz)
 - Narrowband PCS licensees (901-902/930-931/940-941 MHz)
 - Location & Monitoring Service licensees (902-928 MHz)
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)