

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

EXPERIMENTAL

(Nature of Service)

WQ9XHF

(Call Sign)

XT FX MO

(Class of Station)

0488-EX-ST-2020

(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:

Demo 6 Ghz wifi

Station Locations

- (1) MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-32; WL 118-30-02
- (2) Northridge, CA - NL 34-13-32; WL 118-30-01; MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-32; WL 118-30-01
- (3) MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-34; WL 118-30-01
- (4) MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-33; WL 118-30-01
- (5) MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-26; WL 118-29-58
- (6) MOBILE: Porter Ranch, CA, within 0.4 km, centered around NL 34-19-26; WL 118-34-54

Frequency Information

MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-32; WL 118-30-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	MO		609.5 mW (ERP)	0.0001 %
		160MW7D		
		80M0W7D		
		40M0W7D		

This authorization effective March 19, 2020 and
will expire 3:00 A.M. EST July 21, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-32; WL 118-30-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	MO	20M0W7D	609.5 mW (ERP)	0.0001 %
6525-6875 MHz	MO	160M0W7D 80M0W7D 40M0W7D 20M0W7D	609.5 mW (ERP)	0.0001 %

Northridge, CA - NL 34-13-32; WL 118-30-01; MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-32; WL 118-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	MO	160M0W7D 80M0W7D 40M0W7D 20M0W7D	609.5 mW (ERP)	0.0001 %
6525-6875 MHz	MO	160M0W7D 80M0W7D 40M0W7D 20M0W7D	609.5 mW (ERP)	0.0001 %

MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-34; WL 118-30-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	MO	160M0W7D 80M0W7D 40M0W7D	609.5 mW (ERP)	0.0001 %

Frequency Information

MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-34; WL 118-30-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	MO	20M0W7D	609.5 mW (ERP)	0.0001 %
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MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-33; WL 118-30-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	MO	160MW7D 80M0W7D 40M0W7D 20M0W7D	609.5 mW (ERP)	0.0001 %
6525-6875 MHz	MO	160MW7D 80M0W7D 40M0W7D 20M0W7D	609.5 mW (ERP)	0.0001 %

MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-26; WL 118-29-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	MO	160MW7D 80M0W7D 40M0W7D	609.5 mW (ERP)	0.0001 %

Frequency Information

MOBILE: Northridge, CA, within 0.4 km, centered around NL 34-13-26; WL 118-29-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	MO	20M0W7D	609.5 mW (ERP)	0.0001 %
6525-6875 MHz	MO	160MW7D 80M0W7D 40M0W7D 20M0W7D	609.5 mW (ERP)	0.0001 %

MOBILE: Porter Ranch, CA, within 0.4 km, centered around NL 34-19-26; WL 118-34-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6425 MHz	MO	160MW7D 80M0W7D 40M0W7D 20M0W7D	609.5 mW (ERP)	0.0001 %
6525-6875 MHz	MO	160MW7D 80M0W7D 40M0W7D 20M0W7D	609.5 mW (ERP)	0.0001 %

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) Operation is subject to coordination with the affected Fixed Microwave Service licensees in each proposed venue prior to the test and demonstration operations.
- (3) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.

Special Conditions:

- (4) Licensee must avoid pointing the main beam transmitting antenna within 15 degrees of any point on the geostationary orbit arc in the 5925-6425 MHz and 6525-6875 MHz bands.
- (5) Licensee should be aware that other stations are licensed on 5925-6425 MHz and 6525-6875 MHz bands and if any interference occurs, the experimental licensee of this authorization will be subject to immediate shut down.
- (6) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (7) Stop buzzer, Alan Norman at 650-334-5380.