

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

EXPERIMENTAL

(Nature of Service)

WK9XLX

(Call Sign)

XT MO

(Class of Station)

1440-EX-ST-2016

(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:

The purpose of this operation is to test potential new communications applications and equipment in a controlled, low-altitude airborne environment.

Station Locations

- (1) MOBILE: Flight level 400 ft, Merilo Park, CA, within 5 km, centered around NL 37-28-37; WL 122-08-52

Frequency Information

MOBILE: Flight level 400 ft, Merilo Park, CA, within 5 km, centered around NL 37-28-37; WL 122-08-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27950-28050 MHz	MO	NON	9.7 W (ERP)	0.004 %

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) 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.

This authorization effective November 08, 2016 and
will expire 3:00 A.M. EST April 02, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Operation is subject to prior coordination with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).
- (4) Operations in the 27950 - 28050 MHz band limits the transmit antenna to point towards the ground below 0 degree vertically and to avoid pointing towards the horizon as set forth by the applicant.
- (5) Operations must be on a Non Interference Basis (NIB)/Non Protected Basis (NPB)/Not Prejudice to Future Decisions (NPFD).

- (6) The stop buzzer contact is Ray Blasing at (650) 868-7007.