

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

EXPERIMENTAL

(Nature of Service)

WM9XIB

(Call Sign)

XT FX

(Class of Station)

1721-EX-ST-2018

(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:
Testing LTE equipment.

Station Locations

- (1) Truth or Consequence, NM - NL 32-59-38; WL 106-58-30
- (2) Truth or Consequence (SIERRA), NM - NL 32-59-03; WL 107-09-23

Frequency Information

Truth or Consequence, NM - NL 32-59-38; WL 106-58-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2502-2551.5 MHz	FX	20M0W7D	3981 W (ERP)	0.00001 %
3650-3700 MHz	FX	20M0W7D	3981 W (ERP)	0.00001 %

This authorization effective October 18, 2018 and
will expire 3:00 A.M. EST April 02, 2019

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Frequency Information

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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.
- (3) Maintain operation separation from the grandfathered earth stations as defined in Part 90, Sub-part Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3650-3700 MHz band.
- (4) Ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users in the proposed geographic areas.
- (5) 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.
- (6) The designated point-of-contact to terminate the system if interference occurs is Pratheep Bondalapati at 972-743-8630.
- (7) Operation is subject to prior coordination with the Fixed Microwave Service licensees in accordance with 47 CFR. Part 101.103(d) prior to commencing the test operations.
- (8) Operation is subject to prior coordination with affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees in 2502-2551.5 MHz band.
- (9) 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.
- (10) Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.

Special Conditions:

- (11) FCL Tech, Inc. must ensure coordination of operations is scheduled for de-confliction of spectrum, and airspace (if applicable), with White Sands Missile Range (WSMR), through the WSMR Test liaison:

Richard J. Wyman

Chief, Spectrum Operations Branch

DoD Area Frequency Coordinator

White Sands Missile Range, NM

Comm: 575-678-3402, DSN 258

NIPR: richard.j.wyman2.civ@mail.mil

SIPR: richard.j.wyman2.civ@mail.smil.mil

GROUP E-MIL: usarmy.wsmr.imcom-central.list.dodafc@mail.mil