

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

EXPERIMENTAL

(Nature of Service)

WN9XQE

(Call Sign)

XT FX MO

(Class of Station)

1902-EX-ST-2018

(File Number)

NAME CableLabs

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:

Determination of building loss and radio path propagation characteristics in a variety of different environments.

Station Locations

- (1) Boulder (BOULDER), CO - NL 39-59-54; WL 105-15-08; MOBILE: Village Center Dining & Community Commons, within 2 km, centered around NL 39-59-54; WL 105-15-08
- (2) Superior (BOULDER), CO - NL 39-57-26; WL 105-09-36; MOBILE: , within 2 km, centered around NL 39-57-26; WL 105-09-36

Frequency Information

Boulder (BOULDER), CO - NL 39-59-54; WL 105-15-08; MOBILE: Village Center Dining & Community Commons, within 2 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.875-7.125 GHz	FX	10M0D7W	1 W (ERP)	0.001 %
12.7-13.25 GHz	FX	10M0D7W	1.122 W (ERP)	0.001 %

This authorization effective December 02, 2018 and
will expire 3:00 A.M. EST May 02, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Superior (BOULDER), CO - NL 39-57-26; WL 105-09-36; MOBILE: , within 2 km, centered around NL 39-57-26; WL 105-09-3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.875-7.125 GHz	FX	10M0D7W	1 W (ERP)	0.001 %
12.7-13.25 GHz	FX	10M0D7W	1.122 W (ERP)	0.001 %

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (6) Licensee is not permitted to operate CW signal/waveform.
- (7) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.