

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

EXPERIMENTAL

(Nature of Service)

WP9XQU

(Call Sign)

XT FX MO

(Class of Station)

2033-EX-ST-2019

(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:

The trial targets the potential benefit of EIRP increases for point to multi-point systems in the 60 GHz unlicensed band.

Station Locations

- (1) Boulder (BOULDER), CO - NL 39-57-23; WL 105-11-56; MOBILE: S 66th Street South of Marshall Road, within 1.6 km, centered around NL 39-57-23; WL 105-11-56
- (2) Superior (BOULDER), CO - NL 39-57-25; WL 105-09-37; MOBILE: 858 Coal Creek Circle, within 0.8 km, centered around NL 39-57-25; WL 105-09-37

Frequency Information

Boulder (BOULDER), CO - NL 39-57-23; WL 105-11-56; MOBILE: S 66th Street South of Marshall Road, within 1.6 km, cente

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
60.48 GHz		2G16W7W	100 W (ERP)	0.001 %
62.64 GHz		2G16W7W	100 W (ERP)	0.001 %

This authorization effective November 20, 2019 and
will expire 3:00 A.M. EST May 11, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Superior (BOULDER), CO - NL 39-57-25; WL 105-09-37; MOBILE: 858 Coal Creek Circle, within 0.8 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
60.48 GHz		2G16W7W	100 W (ERP)	0.001 %
62.64 GHz		2G16W7W	100 W (ERP)	0.001 %

Special Conditions:

- (1) 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) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (4) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (5) In order to protect Space Research and Satellite operations, All operations shall be limited to a frequency of 60.48 GHz or 62.64 GHz.