

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

EXPERIMENTAL

(Nature of Service)

WM9XTL

(Call Sign)

XT      FX MO

(Class of Station)

0774-EX-ST-2018

(File Number)

NAME CCO Fiberlink, LLC

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 testing will evaluate coverage, capacity, and propagation characteristics in the 3550-3700 MHz band. The proposed operations will advance Charters understanding of technology and

**Station Locations**

- (1) Centennial (ARAPAHOE), CO - NL 39-35-18; WL 104-50-46; MOBILE: Centennial, CO, within 16.1 km, centered around NL 39-35-18; WL 104-50-46

**Frequency Information**

Centennial (ARAPAHOE), CO - NL 39-35-18; WL 104-50-46; MOBILE: Centennial, CO, within 16.1 km, centered around NL 3

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3550-3700 MHz | FX            | 20M0W7D             | 1.26 W (ERP)     | 0.0005 %                  |
| 3550-3700 MHz | FX            | 60M0W7D             | 184.1 W (ERP)    | 0.00001 %                 |
| 3550-3700 MHz | MO            | 20M0W9W             | 0.2 W (ERP)      | 0.0005 %                  |

This authorization effective June 08, 2018 and  
will expire 3:00 A.M. EST December 06, 2018

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Centennial (ARAPAHOE), CO - NL 39-35-18; WL 104-50-46; MOBILE: Centennial, CO, within 16.1 km, centered around NL 3

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3550-3700 MHz | FX            | 60M0W9W             | 11.6 W (ERP)     | 0.00001 %                 |

## 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, subpart Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3550-3700 MHz band.
- (4) Consult the ULS database to ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz, and notify the registered users in the proposed area.
- (5) All of the experimental devices will be under control of CCO Fiberlink, LLC and they will be retrieved by CCO Fiberlink, LLC from the participants upon completion of the experiment.
- (6) CCO Fiberlink, LLC will be responsible for ensuring that the devices are used in authorized locations and in a manner authorized.
- (7) This authorization is issued for the express purpose of conducting experimental operations described in the related application. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.