

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

EXPERIMENTAL

(Nature of Service)

WN9XEO

(Call Sign)

XT FX

(Class of Station)

1399-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:

Charter seeks to test and evaluate millimeter wave coverage and capacity performance in anticipation of 5G wireless development. The proposed operations will advance Charter's

Station Locations

- (1) Colorado Springs (EL PASO), CO - NL 38-50-03; WL 104-49-14
- (2) Colorado Springs (EL PASO), CO - NL 38-50-01; WL 104-49-06
- (3) Colorado Springs (EL PASO), CO - NL 38-50-07; WL 104-49-15
- (4) Colorado Springs (EL PASO), CO - NL 38-50-06; WL 104-49-06

Frequency Information

Colorado Springs (EL PASO), CO - NL 38-50-03; WL 104-49-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.3 GHz	FX	800MD7D	121.6 W (ERP)	0.001 %

This authorization effective September 03, 2018 and
will expire 3:00 A.M. EST March 03, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Colorado Springs (EL PASO), CO - NL 38-50-01; WL 104-49-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.3 GHz	FX	800MD7D	12.2 W (ERP)	0.001 %

Colorado Springs (EL PASO), CO - NL 38-50-07; WL 104-49-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.3 GHz	FX	800MD7D	12.2 W (ERP)	0.001 %

Colorado Springs (EL PASO), CO - NL 38-50-06; WL 104-49-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.3 GHz	FX	800MD7D	12.2 W (ERP)	0.001 %

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) The licensee should coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to commencing the test operations.
- (4) 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.
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (6) Licensee must avoid pointing the transmitting antenna main beam gain within 10 degrees of any point on the geostationary orbital arc while transmitting signals in the 27.5-28.3 GHz band.