

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WO9XXJ

(Call Sign)

1200-EX-ST-2019

(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.

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 (+/-)
693-698 MHz	FX	5M00D7D	192.8 W (ERP)	0.001 %
2155-2160 MHz	FX	5M00D7D	192.8 W (ERP)	0.001 %

This authorization effective August 01, 2019 and
will expire 3:00 A.M. EST January 29, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37-38.6 GHz	FX	800MD7D	609.5 W (ERP)	0.001 %

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
693-698 MHz	FX	5M00D7D	192.8 W (ERP)	0.001 %
2155-2160 MHz	FX	5M00D7D	192.8 W (ERP)	0.001 %
37-38.6 GHz	FX	800MD7D	609.5 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 (+/-)
693-698 MHz	FX	5M00D7D	192.8 W (ERP)	0.001 %
2155-2160 MHz	FX	5M00D7D	192.8 W (ERP)	0.001 %
37-38.6 GHz	FX	800MD7D	609.5 W (ERP)	0.001 %

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
693-698 MHz	FX	5M00D7D	192.8 W (ERP)	0.001 %
2155-2160 MHz	FX	5M00D7D	192.8 W (ERP)	0.001 %
37-38.6 GHz	FX	800MD7D	609.5 W (ERP)	0.001 %

Special Conditions:

- (1) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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 37.5-38.6 GHz frequency band.
- (5) No automatic renewal for operations in the 37.5-38.6 GHz frequency band.
- (6) Coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 693-698 MHz band.
- (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.