

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WK9XZB

(Call Sign)

1154-EX-ST-2017

(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:

To provide testing, and demonstrations of various wireless services on a interim basis at very lower power. The test will also be done indoors to further mitigate any potential interference to

Station Locations

- (1) Louisville (BOULDER), CO - NL 39-57-25; WL 105-09-37
- (2) Brighton (ADAMS), CO - NL 39-57-45; WL 105-52-51; MOBILE: Brighton, CO, within 1 km, centered around NL 39-57-45; WL 105-52-51
- (3) Dillon (SUMMIT), CO - NL 39-36-33; WL 105-58-11; MOBILE: Dillon, CA, within 1 km, centered around NL 39-36-33; WL 105-58-11

Frequency Information

Louisville (BOULDER), CO - NL 39-57-25; WL 105-09-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	FX	10M0D7D	6.3 mW (ERP)	
777-787 MHz	FX	10M0D7D	6.3 mW (ERP)	

This authorization effective October 03, 2017 and
will expire 3:00 A.M. EST April 03, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Louisville (BOULDER), CO - NL 39-57-25; WL 105-09-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	FX	10M0D7D 20M0D7D	6.3 mW (ERP)	
2110-2155 MHz	FX	10M0D7D 20M0D7D	6.3 mW (ERP)	
2496-2690 MHz	FX	10M0D7D 20M0D7D	100 mW (ERP)	
2496-2690 MHz	FX	5M00D7D 10M0D7D 16M0D7D	6.3 mW (ERP)	

Brighton (ADAMS), CO - NL 39-57-45; WL 105-52-51; MOBILE: Brighton, CO, within 1 km, centered around NL 39-57-45; WL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	FX	10M0D7D	6.3 mW (ERP)	
777-787 MHz	FX	10M0D7D	6.3 mW (ERP)	
1710-1755 MHz	FX	10M0D7D 20M0D7D	6.3 mW (ERP)	

Frequency Information

Brighton (ADAMS), CO - NL 39-57-45; WL 105-52-51; MOBILE: Brighton, CO, within 1 km, centered around NL 39-57-45; WL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2155 MHz	FX	20M0D7D 10M0D7D	6.3 mW (ERP)	
2496-2690 MHz	FX	5M00D7D 10M0D7D 15M0D7D	6.3 mW (ERP)	
2496-2690 MHz	FX	10M0D7D 20M0D7D	100 mW (ERP)	

Dillon (SUMMIT), CO - NL 39-36-33; WL 105-58-11; MOBILE: Dillon, CA, within 1 km, centered around NL 39-36-33; WL 105

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	FX	10M0D7D	6.3 mW (ERP)	
777-787 MHz	FX	10M0D7D	6.3 mW (ERP)	
1710-1755 MHz	FX	110MD7D 20M0D7D	6.3 mW (ERP)	
2110-2155 MHz	FX	10M0D7D 20M0D7D	6.3 mW (ERP)	

Frequency Information

Dillon (SUMMIT), CO - NL 39-36-33; WL 105-58-11; MOBILE: Dillon, CA, within 1 km, centered around NL 39-36-33; WL 105-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2496-2690 MHz	FX	5M00D7D 10M0D7D 15M0D7D	6.3 mW (ERP)	
2496-2690 MHz	FX	10M0D7D 20M0D7D	100 mW (ERP)	

Special Conditions:

- (1) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (2) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (3) 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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) 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.
- (6) Testing is for Indoors only.
- (7) Operations in the upper and lower 700 MHz bands must be prior coordinated with existing and new Part 27 licensees to avoid interference.