

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WK9XDD

(Call Sign)

0971-EX-ST-2016

(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 STA will allow the determination of the performance characteristics of 5G networks operating in the 27.5 - 28.35 GHz band, in terms of coverage, throughput, latency and operational

Station Locations

- (1) Louisville (BOULDER), CO - NL 39-57-24; WL 105-09-36
- (2) Brighton (ADAMS), CO - NL 39-57-45; WL 104-52-50
- (3) Dillon (SUMMIT), CO - NL 39-36-33; WL 105-58-11

Frequency Information

Louisville (BOULDER), CO - NL 39-57-24; WL 105-09-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	125 W (ERP)	0.001 %
27.5-28.35 GHz	FX	850MD7D	62.5 W (ERP)	0.001 %

This authorization effective July 08, 2016 and
will expire 3:00 A.M. EST January 09, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Louisville (BOULDER), CO - NL 39-57-24; WL 105-09-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	31.25 W (ERP)	0.001 %

Brighton (ADAMS), CO - NL 39-57-45; WL 104-52-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	62.5 W (ERP)	0.001 %
27.5-28.35 GHz	FX	850MD7D	31.25 W (ERP)	0.001 %
27.5-28.35 GHz	FX	850MD7D	125 W (ERP)	0.001 %

Dillon (SUMMIT), CO - NL 39-36-33; WL 105-58-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.35 GHz	FX	850MD7D	125 W (ERP)	0.001 %
27.5-28.35 GHz	FX	850MD7D	62.5 W (ERP)	0.001 %
27.5-28.35 GHz	FX	850MD7D	31.25 W (ERP)	0.001 %

Special Conditions:

- (1) CableLabs shall coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to commencing the proposed operations.