

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

EXPERIMENTAL

(Nature of Service)

WK9XYS

(Call Sign)

XT FX MO

(Class of Station)

1153-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 do interference assessment into incumbent fixed earth station facilities in Boulder, Colorado.

Station Locations

- (1) Louisville (BOULDER), CO - NL 39-57-24; WL 105-09-36; MOBILE: Louisville, CO, within 8 km, centered around NL 39-57-24; WL 105-09-36

Frequency Information

Louisville (BOULDER), CO - NL 39-57-24; WL 105-09-36; MOBILE: Louisville, CO, within 8 km, centered around NL 39-57-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-4200 MHz	FX	40M0D7D	10 W (ERP)	0.001 %

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective October 04, 2017 and
will expire 3:00 A.M. EST April 03, 2018

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Special Conditions:

- (3) Licensee shall prior coordinate with any affected Fixed Microwave Service licensees in the area in accordance with 47 CFR, Part 101.103(d).
- (4) Prior to operation, experimental licensee, must notify licensees of FSS earth stations operating the 3700-4200 MHz within 15 kilometer radius of the locations from which experimental operations will occur. Experimental licensee, must also provide such notification to the National Spectrum Managers Association frequency coordinators by email. (see http://wireless.fcc.gov/services/index.htm?job=licensing_1&id=microwave). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna pattern, antenna height(s), antenna orientation, eirp density) and day and times of each test. Consult the IBFS database to identify licensed earth station in the band 3700-4200 MHz band.
- (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.