

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

EXPERIMENTAL

(Nature of Service)

WK9XVY

(Call Sign)

XT FX MO

(Class of Station)

0094-EX-ST-2017

(File Number)

NAME Transportation Technology Center Inc.

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 requested Special Temporary Authorization will be used to test for potential interference issues between two different Positive Train Control (PTC) systems while in operation.

Station Locations

- (1) Pueblo (PUEBLO), CO - NL 38-26-38; WL 104-17-41
- (2) MOBILE: Pueblo, CO, within 13 km, centered around NL 38-26-38; WL 104-17-41
- (3) MOBILE: Pueblo, CO, within 13 km, centered around NL 38-26-57; WL 104-20-26
- (4) Pueblo (PUEBLO), CO - NL 38-26-57; WL 104-20-26

Frequency Information

Pueblo (PUEBLO), CO - NL 38-26-38; WL 104-17-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
220.4375 MHz	FX	17K0DXW	75 W (ERP)	0.0001 %

This authorization effective March 01, 2017 and
will expire 3:00 A.M. EST August 02, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Pueblo, CO, within 13 km, centered around NL 38-26-38; WL 104-17-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
220.4375 MHz	MO	8K90DXW	50 W (ERP)	0.0001 %

MOBILE: Pueblo, CO, within 13 km, centered around NL 38-26-57; WL 104-20-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
218.525 MHz	MO	11K2G1D	8 W (ERP)	0.0001 %

Pueblo (PUEBLO), CO - NL 38-26-57; WL 104-20-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
218.525 MHz	FX	11K2G1D	30 W (ERP)	0.0001 %

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 applicant must "notification" the licensees of the following within 50 miles of the test area:
 - All services in 220 MHz
 - 218-219 MHz Service
 - 220-222 MHz Service