

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WM9XSP

(Call Sign)

0561-EX-ST-2018

(File Number)

NAME National Instruments

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 demonstrate NIs hardware as capable of being used to create real time over the air prototyping systems for next generation wireless research.

Station Locations

- (1) Austin (TRAVIS), TX - NL 30-15-51; WL 97-44-21
- (2) Austin (TRAVIS), TX - NL 30-15-51; WL 97-44-21

Frequency Information

Austin (TRAVIS), TX - NL 30-15-51; WL 97-44-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1720-1880 MHz	FX	160MD7D	75 mW (ERP)	1 %

This authorization effective May 19, 2018 and
will expire 3:00 A.M. EST May 25, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Austin (TRAVIS), TX - NL 30-15-51; WL 97-44-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5720-5880 MHz	FX	160MX7D	501 mW (ERP)	1 %

Special Conditions:

- (1) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (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) NTIA cautions National Instruments that the 5850-5925 MHz band is allocated on a co-primary basis to Dedicated Short Range Communications (in the Mobile Service) and satellite uplinks (in the Fixed Satellite Service) and experimental use must not cause harmful interference.