

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

EXPERIMENTAL

(Nature of Service)

WK9XEF

(Call Sign)

XT FX

(Class of Station)

1059-EX-ST-2016

(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:

We will have demos set up during out keynotes and in our expo hall that will be showing over the air technology demonstrations of potential new 5G technologies using our software defined radios.

Station Locations

- (1) Austin (TRAVIS), TX - NL 30-15-49; WL 97-44-22
- (2) Austin (TRAVIS), TX - NL 30-15-49; WL 97-44-22
- (3) Austin (TRAVIS), TX - NL 30-15-49; WL 97-44-22
- (4) Austin (TRAVIS), TX - NL 30-15-49; WL 97-44-22
- (5) Austin (TRAVIS), TX - NL 30-15-49; WL 97-44-22
- (6) Austin (TRAVIS), TX - NL 30-15-49; WL 97-44-22

Frequency Information

Austin (TRAVIS), TX - NL 30-15-49; WL 97-44-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.49-3.51 GHz	FX	20M0X2D	10 mW (ERP)	1 %

This authorization effective August 01, 2016 and
will expire 3:00 A.M. EST August 05, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Austin (TRAVIS), TX - NL 30-15-49; WL 97-44-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72-74 GHz	FX	2G00DXD	4 mW (ERP)	1 %

Austin (TRAVIS), TX - NL 30-15-49; WL 97-44-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
59.5-60.5 GHz	FX	1G00DXD	4 mW (ERP)	1 %

Austin (TRAVIS), TX - NL 30-15-49; WL 97-44-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27-29 GHz	FX	2G00DXD	40 mW (ERP)	1 %

Austin (TRAVIS), TX - NL 30-15-49; WL 97-44-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	FX	500MFXN	10 mW (ERP)	1 %

Frequency Information

Austin (TRAVIS), TX - NL 30-15-49; WL 97-44-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
76-77 GHz	FX	1G00F0N	100 mW (ERP)	1 %

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.