

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

EXPERIMENTAL

(Nature of Service)

WJ9XWW

(Call Sign)

XT MO

(Class of Station)

0755-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:

To conduct research on 5G wireless communication systems.

Station Locations

- (1) MOBILE: 11500 N Mopac Exwy, Austin, TX 78759, within 1 km, centered around NL 30-24-28; WL 97-43-36
- (2) MOBILE: 11500 N Mopac Exwy, Austin, TX 78759, within 1 km, centered around NL 30-24-28; WL 97-43-36

Frequency Information

MOBILE: 11500 N Mopac Exwy, Austin, TX 78759, within 1 km, centered around NL 30-24-28; WL 97-43-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-29.5 GHz	MO	2G00A3D	400 mW (ERP)	1 %
		2G00A3D		
		2G00A3D		

This authorization effective June 30, 2016 and
will expire 3:00 A.M. EST December 30, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 11500 N Mopac Exwy, Austin, TX 78759, within 1 km, centered around NL 30-24-28; WL 97-43-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
71-76 GHz	MO	2G00A3D	39.8 W (ERP)	1 %
		2G00A3D		
		2G00A3D		

Special Conditions:

- (1) Licensee shall coordinate with the existing 71-76 GHz users prior to accessing to 71-76 GHz band.
- (2) Licensee shall coordinate with the Fixed Microwave Service licensees prior to operation in 27.5-29.5 GHz band