

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

EXPERIMENTAL

(Nature of Service)

WR9XLL

(Call Sign)

XT FX MO

(Class of Station)

1939-EX-ST-2020

(File Number)

NAME NVIDIA

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 are creating a 5G Stand Alone (SA) End-to-End system which involves integration of the Radio Unit (O-RU) with the 5G gNB. This will allow NVIDIA to evaluate the functional operation of

Station Locations

- (1) Santa Clara (SANTA CLARA), CA - NL 37-22-16; WL 121-57-39; MOBILE: , within 0.02 km, centered around NL 37-22-16; WL 121-57-39

Frequency Information

Santa Clara (SANTA CLARA), CA - NL 37-22-16; WL 121-57-39; MOBILE: , within 0.02 km, centered around NL 37-22-16; W

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.6-3.7 GHz	FX	100MG2D	335.7 mW (ERP)	5.0E-6 %

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) NVIDIA shall be aware that FSS earth stations are licensed above 3700 MHz and if any interference occurs, the experimental licensee of this authorization will be subject to immediate shut down.

This authorization effective February 01, 2021 and
will expire 3:00 A.M. EST August 02, 2021

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Special Conditions:

- (3) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (4) NVIDIA must coordinate its operations in 3600-3700 MHz band with one or more authorized Spectrum Access System (SAS) administrators to obtain channel assignments and avoid causing harmful interference to authorized users of the band, including General Authorized Access (GAA) users.