

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WQ9XIV

(Call Sign)

0538-EX-ST-2020

(File Number)

NAME Hitachi America, Ltd.

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:

Develop solutions which work on 5G cellular networks,

Station Locations

(1) Santa Clara (SANTA CLARA), CA - NL 37-22-58; WL 121-58-17

Frequency Information

Santa Clara (SANTA CLARA), CA - NL 37-22-58; WL 121-58-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2180 MHz	FX	10M0F9W	70 W (ERP)	
37000-40000 MHz	FX	400MW9W	80 W (ERP)	

Special Conditions:

- (1) 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.

This authorization effective April 13, 2020 and
will expire 3:00 A.M. EST October 13, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (4) Licensee must avoid pointing the main beam transmitting antenna within 10 degrees of any point on the geostationary orbit arc in the 37.5-40 GHz band.