

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

EXPERIMENTAL

(Nature of Service)

XE FX

(Class of Station)

WO9XVA

(Call Sign)

1225-EX-ST-2019

(File Number)

NAME Ericsson

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 showcase Mobile - Edge Application scenarios with 5G-NRs High Throughput and Low Latency KPIs

Station Locations

(1) Palo Alto (SANTA CLARA), CA - NL 37-26-34; WL 122-09-29

Frequency Information

Palo Alto (SANTA CLARA), CA - NL 37-26-34; WL 122-09-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2170 MHz	FX	10M0W9W	1 W (ERP)	
3300-3800 MHz	FX	100MW9W	1 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 July 18, 2019 and
will expire 3:00 A.M. EST January 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Licensee 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.
- (5) Licensee shall maintain operation separation from the grandfathered earth stations as defined in Part 90, Sub-part Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3650-3700 MHz band.
- (6) Licensee shall consult the ULS database to ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users in the proposed geographic areas prior to operation in this band.
- (7) Licensee shall coordinate with the affected Fixed Microwave Service licensees prior to operation in 3700-3800 MHz band.
- (8) Ericsson must not operate in the 3550-3650 MHz band. The requested location falls within the Exclusion Zone defined in Fast Track Report (NTIA Technical Report TR-15-517: 3.5 GHz Exclusion Zone Analyses and Methodology).
- (9) NTIA notes the bands 3332-3339 and 3345.8-3352.5 MHz which is protected IAW US246. Use at other locations besides Palo Alto, CA, such as closer to the Owens Valley, CA VLBA site, may result in objection or request for coordination.