

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

EXPERIMENTAL

(Nature of Service)

WR9XQP

(Call Sign)

XT FX MO

(Class of Station)

0199-EX-ST-2021

(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:

Purpose is to verify that operation of cellular radio in the frequency range 3.7GHz - 4.0GHz would not harm impact the operation of existing C band Earth Station operating the same range. Reason

Station Locations

- (1) Plano (COLLIN), TX - NL 33-04-48; WL 96-49-48; MOBILE: operation will be on Ericsson corporate campus, within 5 km, centered around NL 33-04-48; WL 96-49-48

Frequency Information

Plano (COLLIN), TX - NL 33-04-48; WL 96-49-48; MOBILE: operation will be on Ericsson corporate campus, within 5 km, cen

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3980 MHz	MO	100MW9W	31.6 kW (Output Power)	

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective April 01, 2021 and
will expire 3:00 A.M. EST September 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) With respect to operations in 3700-3900 MHz band, Ericsson shall avoid causing interference to existing Fixed Service operators and FSS earth stations in the band. A list of registered incumbent FSS earth stations in the band can be found at the following link: <https://docs.fcc.gov/public/attachments/DA-20-823A2.xls>
- (5) 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.
- (6) Licensee must successfully coordinate with the Fixed Microwave Service licensees in the proposed area in accordance with 47 C.F.R, Part 101.103(d) prior to operation in 3700-3980 MHz band.