

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WR9XBY

(Call Sign)

1487-EX-ST-2020

(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:

Engage with ecosystem partners to innovate and augment use of LTE and 5G.

Station Locations

(1) Los Angeles (LOS ANGELES), CA - NL 33-58-46; WL 118-24-51

Frequency Information

Los Angeles (LOS ANGELES), CA - NL 33-58-46; WL 118-24-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869-894 MHz	FX	5M00W9W	100 mW (ERP)	
2110-2200 MHz	FX	5M00W9W	100 mW (ERP)	
3550-3700 MHz	FX	100MW9W	100 mW (ERP)	

This authorization effective October 19, 2020 and
will expire 3:00 A.M. EST April 16, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Los Angeles (LOS ANGELES), CA - NL 33-58-46; WL 118-24-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27500-28350 MHz	FX	400MW9W	1 W (ERP)	
37000-40000 MHz	FX	400MW9W	1 W (ERP)	

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.
- (3) Unwanted emission mean power from operation in the 37-40 GHz frequency band shall be limited to -43 dB (W/MHz) and -23 dB(W/GHz) within the 36-37 GHz frequency band and is recommended to be less than -30 dB(W/GHz), in accordance with ITU Resolution 243 (WRC-19).
- (4) Ericsson shall coordinate with the incumbent Fixed Microwave licensee(s) to avoid interference in the 2110-2200 MHz band in each corresponding proposed venue prior to conducting the testing.
- (5) Ericsson must coordinate its operations in 3550-3700 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.
- (6) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area: Cellular licensees (824-849 MHz/869-894 MHz)