

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

EXPERIMENTAL

(Nature of Service)

WQ9XFA

(Call Sign)

XT FX MO

(Class of Station)

0389-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:

To Develop proof of concepts in 5G especially in AR - VR and Industrial IoT.

Station Locations

- (1) Santa Clara (SANTA CLARA), CA - NL 37-23-01; WL 121-58-33; MOBILE: , within 0.06 km, centered around NL 37-23-01; WL 121-58-33

Frequency Information

Santa Clara (SANTA CLARA), CA - NL 37-23-01; WL 121-58-33; MOBILE: , within 0.06 km, centered around NL 37-23-01; W

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
617-652 MHz	FX	5M00W9W	100 mW (ERP)	
869-894 MHz	FX	5M00W9	100 mW (ERP)	
1930-1990 MHz	FX	5M00W9W	100 mW (ERP)	

This authorization effective March 20, 2020 and
will expire 3:00 A.M. EST September 21, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Santa Clara (SANTA CLARA), CA - NL 37-23-01; WL 121-58-33; MOBILE: , within 0.06 km, centered around NL 37-23-01; W

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2200 MHz	FX	5M00W9W	1 W (ERP)	
2496-2690 MHz	FX	100MW9W	1 W (ERP)	
3300-3800 MHz	FX	100MW9W	1 W (ERP)	
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) 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)
Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)

Special Conditions:

- (4) For operations in the 2483.5-2500 MHz band, applicant must obtain a written consent from Licensees or remove the band(s):

Call Sign: E990337

File Number: SES-MOD-20120710-00639

Name: GUSA Licensee LLC

Phone Number: 985-335-1503

Fax Number: 985-335-1703

E-Mail: Barbee.Ponder@Globalstar.com

Attention: Mr L. Barbee Ponder IV

Name: Stephen J. Berman

Phone Number: 202-777-7700

Company: Lawler, Metzger, Keeney & Logan, LLC

Fax Number: 202-777-7763

E-Mail: sberman@lawlermetzger.com

Relationship: Legal Counsel

Special Conditions:

- (5) For operations in the 3700-3800 MHz band, applicant must obtain a written consent from Licensees or remove the band(s):
Call Sign: E060418 File Number: SES-MOD-20070127-00147
Licensee: General Dynamics
ATTN: Mr Mike W Mcdaniel
Phone: 650-966-2954 Fax: 650-966-3401 E-Mail: MikeW.Mcdaniel@gd-ais.com
Site contact: Lee Campbell 650-966-2330
- Call Sign: E181589 File Number: SES-REG-20180718-02476
Licensee: ARRIS Enterprises LLC
Phone: 678-473-2907 Fax: 678-473-8470 E-Mail:
Site contact: Rohit Vijapure 408-235-5720
- Call Sign: E191382 File Number: SES-REG-20181009-05006
Licensee: AC Holdings, Inc.
ATTN: Jim Nieves
Phone: 800-243-5688 Fax: 404-827-4434 E-Mail: jim.nieves@turner.com
Counsel: HOLLAND & KNIGHT LLP
Phone: 202-862-5965
Site contact: Jim Nieves 800-243-5688
- Call Sign: E970119 File Number: SES-RWL-20061212-02154
Licensee: Associated Press
ATTN: Oleta J Brown
Phone: 816-654-1000 Fax: 816-654-1035 E-Mail: ojbrown@ap.org
- Call Sign: E191313 File Number: SES-REG-20181008-04941
Licensee: Fox Broadcasting Company
ATTN: Paul F Beeman
Phone: 631-951-4923 Fax: 631-951-4925 E-Mail:
Counsel: SAME AS APPLICANT
Phone: 310-369-6644
Site contact: Jim Haman 510-874-0454
- Call Sign: E181422 File Number: SES-REG-20180717-02272
Licensee: SCA-Palo Alto, LLC
ATTN: Mr Scott Foster
Phone: 805-384-4502 Fax: 805-384-4503 E-Mail: ScottF@salem.cc
Site contact: Craig Roberts 510-713-1100
- Call Sign: E181316 File Number: SES-REG-20180710-02112
Licensee: New Inspiration Broadcasting Company, Inc.
ATTN: Mr Scott Foster
Phone: 805-384-4502 Fax: 805-384-4503 E-Mail: ScottF@salem.cc
Counsel: SAME AS APPLICANT
Phone: 805-384-4502
Site contact: Craig Roberts 510-713-1100
- Call Sign: E190464 File Number: SES-REG-20180913-04157
Licensee: Cumulus Licensing LLC
ATTN: Mr Richard S Denning
Phone: 404-949-0700 Fax: 404-949-0740 E-Mail:

Speci:FCCLicenseManagement@cumulus.com

Counsel: CUMULUS MEDIA INC.

Phone: 404-260-6761 Fax: E-Mail:

Site contact: Shaun Sandoval (415) 995-6800

Call Sign: E930315 File Number: SES-RWL-20180410-00346

Licensee: Comcast Cable Communications, LLC

ATTN: Sheila Smith

Phone: 215-286-1700 Fax: 215-286-1022 E-Mail: Sheila_Smith@cable.comcast.com

Counsel: SAME AS APPLICANT

Phone: 215-286-7454 Fax: E-Mail:

Call Sign: E970137 File Number: SES-RWL-20061212-02139

Licensee: Associated Press

ATTN: Oleta J Brown

Phone: 816-654-1000 Fax: 816-654-1035 E-Mail: ojbrown@ap.org

Counsel: ASSOCIATED PRESS

Phone: (816) 654-1000 Fax: E-Mail:

Call Sign: E6241 File Number: SES-RWL-20060829-01567

Licensee: Sprint Communications Co., LP

ATTN: Robin J Cohen

Phone: 703-433-4000 Fax: 703-433-4035 E-Mail:

Site contact: Timothy A. Dismond 913-315-3857

Call Sign: E859921 File Number: SES-RWL-20050823-01133

Licensee: Associated Press

ATTN: Oleta J Brown

Phone: 816-654-1000 Fax: 816-654-1035 E-Mail: ojbrown@ap.org

Counsel: WILEY, REIN & FIELDING:

Phone: (202) 429-7245 Fax: E-Mail:

Call Sign: E970133 File Number: SES-RWL-20061212-02146

Licensee: ASSOCIATED PRESS

ATTN: Oleta J Brown

Phone: 816-654-1000 Fax: 816-654-1035 E-Mail: ojbrown@ap.org

- (6) Ericsson shall secure consents from the Advance Wireless Service licensees prior to operation in the frequency range from 2110 MHz to 2200 MHz.
- (7) Ericsson shall maintain operation separation from the grandfathered earth stations as defined in Part 90, Subpart Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3650-3700 MHz band.
- (8) Ericsson 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.
- (9) Ericsson shall coordinate with the affected Fixed Microwave Service licensees prior to operation in 3700-3800 MHz and 37000-40000 MHz bands.
- (10) Ericsson shall coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 617-652 MHz band to protect the Broadcast Auxiliary Service operations.