

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WJ2XCH

(Call Sign)

XT FX MO

(Class of Station)

0238-EX-CM-2020

(File Number)

NAME Ericsson

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(J) of the Commission's Rules

Station Locations

- (1) Philadelphia (PHILADELPHIA), PA - NL 39-56-42; WL 75-10-15; MOBILE: within designated radius, within 8 km, centered around NL 39-56-42; WL 75-10-15
- (2) Philadelphia (PHILADELPHIA), PA - NL 39-56-39; WL 75-09-24; MOBILE: within designated radius, within 8 km, centered around NL 39-56-39; WL 75-09-24
- (3) Philadelphia (PHILADELPHIA), PA - NL 39-56-30; WL 75-09-33; MOBILE: within designated radius, within 8 km, centered around NL 39-56-30; WL 75-09-33

Frequency Information

Philadelphia (PHILADELPHIA), PA - NL 39-56-42; WL 75-10-15; MOBILE: within designated radius, within 8 km, centered around NL 39-56-42; WL 75-10-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.5 GHz	FX	800MW9W	100 W (ERP)	
27.5-28.5 GHz	MO	200MW9W 400MW9W 800MW9W	3.98 W (ERP)	

This authorization effective November 04, 2020 and
will expire 3:00 A.M. EST September 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Philadelphia (PHILADELPHIA), PA - NL 39-56-39; WL 75-09-24; MOBILE: within designated radius, within 8 km, centered aro

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.5 GHz	FX	800MW9W	100 W (ERP)	
27.5-28.5 GHz	MO	200MW9W 400MW9W 800MW9W	3.98 W (ERP)	

Philadelphia (PHILADELPHIA), PA - NL 39-56-30; WL 75-09-33; MOBILE: within designated radius, within 8 km, centered aro

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27.5-28.5 GHz	FX	800MW9W	100 W (ERP)	
27.5-28.5 GHz	MO	200MW9W 400MW9W 800MW9W	3.98 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) Ericsson shall coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to operation in the proposed frequency band.
- (3) Ericsson must secure consents from the Upper Microwave Flexible Use Service licensees in each proposed areas prior to accessing to the requested frequency bands

Special Conditions:

- (4) Prior to commencing any operations in the 28.35-28.5 GHz frequency band, experimental licensee must notify licensee of ViaSat, Inc.(Mr Daryl T Hunter. Phone: 760-476-2583 E-Mail: daryl.hunter@viasat.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (5) Stop Buzzer POC is Matthew Hussey
Phone: 202-824-0114
Email: matthew.hussey@ericsson.com
- (6) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: amended condition