

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WK2XZY

(Call Sign)

0221-EX-CR-2021

(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(a, e & j) of the Commission's Rules

Station Locations

(1) Milwaukee, WI - NL 43-01-08; WL 87-54-49

Frequency Information

Milwaukee, WI - NL 43-01-08; WL 87-54-49

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 869-894 MHz     | FX            | 10M0W9W             | 1 W (ERP)        |                           |
| 1930-1990 MHz   | FX            | 10M0W9W             | 1 W (ERP)        |                           |
| 2110-2200 MHz   | FX            | 10M0W9W             | 1 W (ERP)        |                           |
| 27500-28350 MHz | FX            | 400MW9W             | 1 W (ERP)        |                           |

This authorization effective June 01, 2021 and  
will expire 3:00 A.M. EST June 01, 2022

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Prior to commencing any operations in the frequencies below, Ericsson must obtain consent from the following within 50 miles of the contours of the testing area:
  - a. Cellular licensees (824-849 MHz/869-894 MHz)
  - b. Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
- (4) Ericsson shall
  - a. Secure consents from the Advance Wireless Service licensees prior to accessing to the frequency range from 2100 MHz to 2200 MHz.
  - b. Coordinate with the affected Fixed Microwave Service licensees prior to operation in 27500-28350 MHz band.
- (5) Prior to commencing any operations in the 2180-2190 MHz frequency band, Ericsson must notify the earth station licensees listed below of its test dates and provide a stop buzzer in case of interference:

Call sign: E060430

Name: TerreStar Networks, Inc.

Phone Number: 703-483-7805

E-Mail: alexandra.field@terrestar.com

Attention: Ms Alexandra Field

DISH Network Corporation, Phone Number: 202-293-1216

E-Mail: alison.minea@dish.com

Attention: Allison Minea

Name: Christopher Bjornson Phone Number: 202-429-3059

Company: Steptoe & Johnson LLP

E-Mail: cbjornson@steptoe.com

Relationship: Legal Counsel

**Special Conditions:**

- (6) Prior to commencing any operations in the 2190-2200 MHz frequency band, Ericsson must notify the earth station licensees listed below of its test dates and provide a stop buzzer in case of interference:

Call Sign: E070272

Name: New ICO Satellite Services G.P.

Phone Number: 425-828-8000

E-Mail: dennis.schmitt@ico.com

Attention: Dennis Schmitt

Name: Joseph A. Godles, Esq.

Phone Number: 202-429-4900

Company: Goldberg Godles Wiener & Wright

E-Mail: jgodles@g2w2.com

Attention: Relationship: Legal Counsel

Name: New DBSD Satellite Services G.P.

Phone Number: 202-293-1216

E-Mail: alison.minea@dish.com

Attention: Ms Alison Minea

Name: Christopher Bjornson Phone Number: 202-429-3059

Company: Steptoe & Johnson LLP

E-Mail: cbjornson@steptoe.com

Attention: Chris Bjornson Relationship: Legal Counsel