

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

EXPERIMENTAL

(Nature of Service)

XD      FX MO

(Class of Station)

WC9XSK

(Call Sign)

0169-EX-ST-2007

(File Number)

NAME Ericsson Inc

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:**

Testing of interworking of various contiguous cell site clusters in transmitting voice, video, and data calls using UMTS technology and equipment for Advanced Wireless Services (AWS).

**Station Locations**

- (1) Parsippany, NJ - NL 40-51-44; WL 74-23-25; MOBILE: Fixed and mobile operation within a 7 km radius of antenna at this location

**Frequency Information**

Parsippany, NJ - NL 40-51-44; WL 74-23-25; MOBILE: Fixed and mobile operation within a 7 km radius of antenna at this loc

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1710-1715 MHz | FX            | 5M00F8W             | 0.25 W (ERP)     |                           |
| 2110-2120 MHz | FX            | 10M0F8W             | 794 W (ERP)      |                           |

**Special Conditions:**

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

This authorization effective June 19, 2007 and  
will expire 3:00 A.M. EST October 01, 2007

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Special Conditions:

- (2) Operations are subject to prior coordination with local point-to-point microwave, Advanced Wireless Services (AWS) and TV pickup licensees.
- (3) Licensee will focus its experimental operations to the upper half of the AWS A-block; i.e., AWS Channel A2 (2,115-2,120) MHz, instead of AWS Channel A1 (2,110-2,115 MHz).
- (4) Licensee will contact, by email, the local Broadcast Auxiliary Services (BAS) frequency coordinator shown on the list of BAS frequency coordinators posted on the SBE website ([www.sbe.org](http://www.sbe.org)) prior to operation.
- (5) Licensee will ensure that a "hot line" telephone number is available, and staffed, for all periods when experimental operations are taking place. The person at this hot line number will have the capability to suspend the experimental operations in real-time, in the event that a TV BAS licensee reports harmful interference to its operations.
- (6) The stop buzzer cell phone numbers provided by Ericsson that are available 24/7 if operations need to be shut down are:

Peter Sterrey (404) 702-6135

Michael Narup (973) 262-4338

- (7) Ericsson will provide the schedule test plan that shows the location of the testing by day so that the Department of Justice and the Department of Homeland Security can evaluate their operations against Ericsson's and ask for the system to be shut down if interference is possible.
- (8) This STA is subject to month to month extensions as long as no interference is cause to Department of Justice or Department of Homeland Security operations with the understanding that it will expire in 6 months. NTIA Thomas Woods will on or about the 20 th of each month call the stop buzzer contact to continue the STA for the next month as long as interference is not reported to NTIA.
- (9) Schedules of Ericsson's tests must be sent to the following emails at least 4 days in advance:

Carolyn.j.thomas@usdoj.gov

Julio.A.Laguardia@usdoj.gov

ross.merlin@dhs.gov

David.Campbell2@dhs.gov

Pat.Dibari@dhs.gov

- (10) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: lowers the 1.7 GHz band power and adds conditions.