

Prepared (Subject resp) ESAVMIK		No. TA8AKRD901043		
Approved (Document resp) LMF/TXA (Mika Savilakso)	Checked	Date 2013-10-30	Rev A	Reference

Federal Communications Commission  
Authorization & Evaluation Division  
7435 Oakland Mills Road  
Columbia, Maryland 21046  
Attention: Equipment Authorization Branch

TÜV SÜD BABT  
Octagon House, Concorde Way  
Segensworth North, Fareham ,  
Hampshire  
PO15 5RL  
United Kingdom

October 14, 2013

**Subject: Certification for FCC ID: TA8AKRD901043**

To Whom It May Concern:

Ericsson AB requests a Grant of Certification (Type Acceptance) for the above mentioned FCC Identifier.

This base station transceiver (Radio Base Station – RBS 6401 B25) is designed for use in WCDMA and LTE cellular telephone system. The transmitter will operate from 1930 MHz to 1995 MHz. The receiver circuit supports 1850 MHz to 1915 MHz. It supports channel bandwidths of 5, 10 and 20 MHz for LTE. This Radio Unit supports modulation type and QPSK, 16QAM and 64QAM for WCDMA and LTE. The base station operates in the Cellular band as per 47 CFR Part 27 subpart L. It meets the requirements of Third Generation Partnership Project (3GPP) for the Universal Mobile Telephone System (UMTS 3G) mobile standard (cellular telephone system) for operation in WCDMA and LTE cellular systems.

This base station transceiver (Radio Base Station – RBS 6401) will in normal mode operate at a nominal power out of 100 milliwatts, 250 milliwatts and 1 watt at the output connectors, to feed an Integrated wide Sector antenna or alternative external antenna(s).

This RBS supports 2x2 MIMO DL (Multiple Input Multiple Output) for LTE.

This RBS supports MSR with WCDMA and LTE in a single mode.

The Exhibit 8 user manuals submitted with this application is generic and may cover multiple products. This application is only valid for the model specified in the Exhibit 12 circuit description.

Ericsson AB requests confidentiality under CFR 0.459 according to attached letter. We further certify that the applicant nor any party to the application is subject to a denial of Federal benefits, that includes FCC benefits, pursuant to section 5301 of the Anti-Drug abuse Act of 1988, 21 U.S.C. Section 862.

Ericsson AB accept by this request the agreement set out in the document "Bilaga SPCR 125 -Avtal om marknadskontroll för radioutrustning certifierad för USA-marknaden".

If additional information is needed, please contact me on the below listed number.

Mika Savilakso  
Verification Engineer, R&D Center Oulu  
Ericsson AB FCC Registration Number (FRN): 0013476155  
Elektroniikkatie 10  
FI-90590 OULU, Finland  
Telephone No.: +358 9 299 3714  
e-mail: mika.savilakso@ericsson.com