

Prepared (Subject resp) ESAVMIK		No. TA8AKRD901060 / 287AB-AS901060		
Approved (Document resp) LMF/TXA (Mika Savilakso)	Checked	Date 2015-04-28	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

April 28, 2015

Subject: Certification for FCC ID: TA8AKRD901060

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 6402) is designed for use in LTE cellular telephone system. The transmitter will operate from 1930 MHz to 1990 MHz, from 1930 to 1995 MHz, from 2110 to 2155 MHz and from 2620 to 2690 MHz. The receiver circuit supports from 1850 to 1910 MHz, from 1850 to 1915 MHz, from 1710 to 1755 MHz, from 2500 to 2570 MHz. It supports channel bandwidths of 5, 10, 15 and 20 MHz for LTE. This Radio Base Station supports modulation type and QPSK, 16QAM and 64QAM for LTE. The base station operates in the Cellular band as per RSS-130. It meets the requirements of Third Generation Partnership Project (3GPP) for operation in LTE cellular systems.

This base station transceiver (Radio Base Station – RBS 6402) will in normal mode operate at a nominal power out of 250 milliwatts at the output connectors, to feed an Integrated omni antenna.

This RBS 6402 is has two a dual-TX radio units where two RF chains are identical. Can be configured to two 2x2 MIMO per radio or CA inter-band CA, intra band CA with two radio cards and 4x4 MIMO with two radio cards

This RBS 6402 supports two Radio Modules of which both have two identical down-link and up-link signal paths

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.

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

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