

Prepared (also subject responsible if other) RSACGUS		No. TA8AKRC161298-1		
Approved EAB/FJB/VA Christer Gustavsson	Checked	Date 2014-05-13	Rev A	Reference

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

TUV SUD BABT  
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Concorde Way, Segensworth North  
Fareham, Hampshire, PO15 5RL  
United Kingdom

May 13, 2014

**Subject: Certification for FCC ID: TA8AKRC161298-1**

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 Unit – RUS 02 B2) is designed for use in GSM, WCDMA and LTE broadband PCS system. The transmitter will operate from 1930 MHz to 1990 MHz. It supports Channel Bandwidth of 1.4, 3, 5, 10, 15 and 20 MHz for LTE. The receiver circuit supports 1850 MHz to 1910 MHz. This base station transceiver (RU) supports modulation type GMSK, 8PSK, 16QAM, 32QAM and AQPSK for GSM, and QPSK, 16QAM and 64QAM for WCDMA and LTE. This base station transceiver (RU) is appropriate to use in different Ericsson radio base stations without re-measurement and re-filing when introducing a new base station type. The base station operates in the personal communications services band as per 47 CFR Part 24 subpart E. It meets the requirements of 3GPP specification for operation in GSM, WCDMA and LTE cellular systems.

This base station transceiver (RUS 02 B2) will in normal mode operates at a nominal power out of 20, 40, 60 and 80 watts at the output connector.

This Permissive Change request for this transceiver (RUS 02 B2) is to include following, specified in Exhibit 12 Circuit Description:

- 1) Modifications according to Exhibit 12 Circuit Description Modification
- 2) Supporting LTE 3 carriers configuration

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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