

Prepared (also subject responsible if other) EAB/FJR/VA Christer Gustavsson		No. TA8AKRC161285-2		
Approved EAB/FJR/VA Christer Gustavsson	Checked	Date 2013-06-14	Rev B	Reference

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

SP Technical Research Institute of
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June 5, 2013

Subject: Certification for FCC ID: TA8AKRC161285-2

To Whom It May Concern:

Ericsson AB requests a Permissive Change (Type Acceptance) for the above mentioned FCC Identifier.

This base station transceiver - RRUS 11 B5 is designed for use in WCDMA, LTE and CDMA 850 MHz cellular telephone system, it also support MSR combination with CDMA and LTE. The transmitter will operate from 869 MHz to 894 MHz. It supports Channel Bandwidth of 5 MHz for WCDMA, 1.4, 3, 5, 10, 15 and 20 MHz for LTE and 1.25 MHz for CDMA. The receiver circuit supports 824 MHz to 849 MHz. This remote radio unit (RRU) supports modulation type QPSK, 16QAM and 64QAM for WCDMA and LTE, BPSK, QPSK, 8PSK and 16QAM for CDMA. The base station operates in the Cellular Radiotelephone Service as per 47 CFR Part 22 subpart H. It meets the requirements of 3GPP & 3GPP2 specification for operation in WCDMA, LTE and CDMA cellular systems.

This Permissive Change request for this Radio Unit (RRUS 11 B5) is to include following, which is specified in Exhibit 12:

- 1) Support MSR (Multi Standard Radio) with combination of WCDMA and LTE;
- 2) Support Multi carriers for LTE;
- 3) Support MIMO (Multiple Input Multiple Output). This Remote Radio Unit (RRUS 11 B5) has the ability to transmit with Multiple Outputs in the same Band with 3GPP MIMO/Spatial multiplexing and beam-forming technologies for WCDMA and LTE. MIMO is not supported for CDMA.

This remote radio unit (RRU) will in normal mode operates at a nominal power out of 10, 20, 30 and 40 watts at each of the output connectors.

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

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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 marknads kontroll för radioutrustning certifierad för USA-marknaden".

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

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