

Prepared (also subject responsible if other)		No.		
EMWON		TA8AKRC161331		
Approved	Checked	Date	Rev	Reference
EAB/FJB/RGV [Ove Nilsson]		2014-05-21	A	

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

SP Technical Research Institute of Sweden
Brinellgatan 4
Box 857
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May, 21, 2014

Subject: Certification for FCC ID: TA8AKRC161331

To Whom It May Concern:

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

This base station transceiver (micro Remote Radio Unit – mRRUS 12 B12) is designed for use in LTE cellular telephone system. The transmitter will operate from 729 MHz to 745 MHz. The receiver circuit supports 699 MHz to 715 MHz. It supports channel bandwidths of 1.4 MHz, 3 MHz, 5 MHz, 10 MHz and 15 MHz for LTE. This Radio Unit supports modulation types QPSK, 16QAM and 64QAM for LTE. The base station operates in the Cellular band as per 47 CFR Part 27. It meets the requirements of Third Generation Partnership Project (3GPP) LTE cellular systems.

This Radio Unit will in normal mode operate at a nominal power out of maximum 2x5 watts (Medium Range Base Station class) at the output connectors, alternative maximum 2x0.250 watt (Local Area Base Station class) at output connectors to feed an internal patch sector antenna or a semi-integrated Omni directional antenna or external antenna(s).

This Radio Unit supports MIMO (Multiple Input Multiple Output) and has the ability to transmit with Multiple Outputs in the same Band with 3GPP MIMO/Spatial multiplexing and beam-forming technologies.

The Exhibit 8 user manuals submitted with this application are 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 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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