

Prepared (also subject responsible if other) EAB/FJR/VA Christer Gustavsson		No.		
Approved KI/EAB/FJR/VA Christer Gustavsson	Checked	Date 2010-04-14	Rev B	Reference TA8AKRC11859-1

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

SP Technical Research Institute of Sweden  
Brinellgatan 4  
Box 857  
S-501 15 Borås  
Sweden

April 14, 2010

## **Subject: Certification for FCC ID: TA8AKRC11859-1**

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 01 B4) is designed for use in 3GPP Long Term Evolution (LTE) within the Third Generation Partnership Project (3GPP) for the Universal Mobile Telephone System (UMTS 3G) mobile system standard (cellular telephone system). The transmitter will operate from 2110 MHz to 2155 MHz with 5 MHz and 10 MHz Channel Bandwidth. The receiver circuit supports 1710 MHz to 1755 MHz. This base station transceiver (RU) supports modulation type QPSK, 16QAM and 64QAM. This base station 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 broadband PCS services as per 47 CFR Part 27 subpart F. It meets the requirements of 3GPP specification for operation in Universal Mobile Telephone System, UMTS 3G, in the radio access referred to as the Evolved UMTS Terrestrial Radio Access Network, E-UTRAN.

This base station transceiver (RU) will in normal mode operate at a nominal power out of 20, 40 or 60 watts at the output connector.

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.

Christer Gustavsson  
Staff Engineer, Regulatory Programs Ericsson AB  
FCC Registration Number (FRN): 0013476155  
Torshamnsgatan 21-23 (Färögatan 6)  
Kista, SE-164 80 Stockholm  
Sweden  
Telephone No.: +46 10 7175949  
e-mail [christer.gustavsson@ericsson.com](mailto:christer.gustavsson@ericsson.com)