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|---------------------------------------------------------|---------|---------------------------|----------|-----------|
| Prepared (also subject responsible if other)<br>RSACGUS |         | No.<br>TA8BKRC11866-1 Uen |          |           |
| Approved<br>EAB/FJB/KA [Christer Gustavsson]            | Checked | Date<br>2014-07-02        | Rev<br>B | Reference |

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  
SE-501 15 Borås  
Sweden

July 02, 2014

## **Subject: Permissive Change Class II for FCC ID: TA8BKRC11866-1**

To Whom It May Concern:

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

This Radio Unit (RUS 01 B2) is designed for use in GSM, WCDMA and LTE wireless communications services system. The transmitter will operate from 1930 MHz to 1990 MHz and supports Channel Bandwidths of 1.4, 3, 5, 10, 15 and 20 MHz for LTE and 4,2 and 5 MHz for WCDMA. The receiver circuit supports 1850 MHz to 1910 MHz. This Radio Unit supports modulation type GMSK and 8PSK for GSM, and QPSK, 16QAM and 64QAM for WCDMA and LTE. This Radio Unit operates in the broadband PCS services as per 47 CFR Part 24 subpart E. It meets the requirements of Third Generation Partnership Project (3GPP) for the Universal Mobile Telephone System (UMTS 3G) mobile standard (cellular telephone system) for operation in GSM, WCDMA and LTE cellular system.

This Radio Unit (RUS 01 B2) will in normal mode operate at a nominal power out of 20, 40 and 60 watts at the output connector. Maximum nominal power is equal to 1x47.8 dBm / 1x60 W

Request for this Radio Unit (RUS 01 B2) is to cover following:

- MIMO (Multiple Input Multiple Output in WCDMA and LTE mode with ability to be used in a RBS system configured for 3GPP MIMO/Spatial multiplexing and beam-forming technologies.
- MSR (Multi Standard Radio) with the ability to use WCDMA and LTE simultaneously.

The Exhibit 8 user manual 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.

Ericsson AB accepts by this request the agreement set out in the document "*Bilaga SPCR 125 - Avtal om marknadskontroll för radioutrustning certifierad för USA-marknaden*".

Christer Gustavsson  
Staff Engineer, Regulatory Programs Ericsson AB  
FCC Registration Number (FRN): 0013476155  
Isafjordsgatan 10  
SE-164 80 Stockholm, Sweden  
Telephone No. +46107178646  
e-mail: [christer.gustavsson@ericsson.com](mailto:christer.gustavsson@ericsson.com)