

Prepared (also subject responsible if other) EAB/FJR/VAC Christer Gustavsson		No. TA8AKRC161194-1 Uen		
Approved EAB/FJR/VACC (C.Gustavsson)	Checked	Date 2011-05-24	Rev D	Reference

Federal Communication 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

Subject: Permission Change for FCC ID: TA8AKRC161194-1

To Whom It May Concern:

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

This Radio Unit GSM (RUG 11 B5) is designed for use in GSM 850 MHz cellular telephone system. The transmitter will operate in band 5 from 869 MHz to 894 MHz. The receiver circuit supports 824 to 849 MHz. This Radio Unit GSM (RUG 11 B5) supports modulation type GMSK, 8PSK, for GSM. This Radio Unit GSM (RUG 11 B5) 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 850 MHz cellular telephone system services as per 47 CFR Part 22 subpart H. It meets the requirements of 3GPP specification for operation in GSM 850 cellular systems.

Due to the too wide frequency spectrum at the band edges, the channel 128 – 869.2 MHz and channel 251 – 893.8 MHz can not be used.

1) This Permissive Change request for this Radio Unit GSM (RUG 11 B5) is to include modulation type 16QAM and 32QAM for GSM.

2) This Permissive Change request includes improving some weakness for this Radio Unit GSM (RUG 11 B5) and replacing some components because of lack to buy. No change on schematic.

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. sections 862.

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

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