

Prepared (also subject responsible if other)		No.		
RSACGUS		TA8AKRC118046-1		
Approved	Checked	Date	Rev	Reference
EAB/FJB/VA [Christer Gustavsson]		2012-06-19	C	

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

June 19, 2012

## Subject: Certification for FCC ID: TA8AKRC118046-1

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 – AIR 21 B4A B2P) is designed for use in WCDMA and LTE cellular telephone system. The transmitter will operate from 2110 MHz to 2155 MHz. The receiver circuit supports 1710 MHz to 1755 MHz. It supports channel bandwidth of 1.4, 3, 5, 10, 15 and 20 MHz for LTE. This base station transceiver (RU) supports modulation type and QPSK, 16QAM and 64QAM for WCDMA and LTE. The base station operates in the Cellular band as per 47 CFR Part 27 subpart L. 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 WCDMA and LTE cellular systems. This RU supports spectrum consisting of two or more sub-blocks separated by sub-block gap(s), NCS (None-Contiguous Spectrum). This base station transceiver (AIR 21 B4A B2P) will in normal mode operate at a nominal power out of 30 watts at 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 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".

Christer Gustavsson  
Staff Engineer, Regulatory Programs Ericsson AB  
FCC Registration Number (FRN): 0013476155  
Isafjordsgatan 10  
SE-164 80 Stockholm, Sweden  
Telephone No.: +46107175949  
e-mail: [christer.gustavsson@ericsson.com](mailto:christer.gustavsson@ericsson.com)