

Prepared (also subject responsible if other) EHELAUD		No.		
Approved	Checked	Date	Rev A	Reference

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

Subject: Class II permissive change for FCC ID: TA8AKRC161756-1

To Whom It May Concern:

Ericsson AB requests a Class II Permissive Change for the above-mentioned FCC Identifier.

New functionality (NR) has been added in software, as described/covered in exhibit 12 and supporting documentation.

The radio operates in the Miscellaneous Wireless Communications Services as per 47 CFR Part 2, 27C.

This radio (Radio 4449 B71 B85A) is designed for use in LTE & NR cellular telephone system. This FDD radio operates in Band 71 and B85A. The new NR functionality is added to Band 71, the transmitter from 617-652 MHz and the receiver from 663-698 MHz.

It supports radio access technology LTE & NB IoT, and SR NSA NR it supports channel bandwidths of 5, 10, 15, 20 MHz for NR & LTE B71 and 5, 10 MHz for LTE B85A.

The radio supports following modulation types: LTE & NR: QPSK 16QAM 64QAM 256QAM NB IoT SA: QPSK

The radio has the ability to be used in a RBS system configured for 3GPP up to 4X4 MIMO/ spatial multiplexing and NB IoT technologies.

The radio will in normal mode operate at a maximum power of 40W (46dBm) per band at the output connectors. The radio has four (4) combined TX/RX ports.

This radio will always require a license for transmission.

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 6 test report.

Ericsson AB accept by this request the agreement set out in the document "IP SPCR 125 Annex A2 Agreements on Post-market surveillance for radio equipment certified for the US market.

Prepared (also subject responsible if other) EHELAUD		No.		
Approved	Checked	Date	Rev A	Reference

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.

If additional information is needed, please contact me on the below listed number.

Lars Wallin
Quality and Release Management
Borgarfjordsgatan 18
SE-164 80 Stockholm
Sweden
Telephone No. +46 70 267 00 42
e-mail: lars.i.wallin@ericsson.com