

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: TA8AKRC161472-3

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 Cellular band as per 47 CFR Part 2, 27.

This radio (Radio 4426 B66) is designed for use in WCDMA, LTE, NB IoT and NR cellular telephone system. This FDD radio operates in Band 66, the transmitter from 2110 - 2200 MHz and the receiver from 1710 - 1780 MHz. It supports radio access technology SR & MR: WCDMA, LTE, NB IoT and NR. It supports channel bandwidths of 5 MHz for WCDMA, 5, 10, 15 and 20 MHz for LTE & NR. The radio supports modulation types of QPSK, 16 QAM and 64 QAM for WCDMA, QPSK, 16QAM, 64QAM and 256 QAM for LTE & NR.

The radio supports spectrum consisting of two or more sub-blocks separated by sub-block gap(s), NCS (None-Contiguous Spectrum). The radio unit supports carrier aggregation.
The radio has the ability to be used in a RBS system configured for 3GPP MIMO/Spatial multiplexing and beam-forming technologies.

This radio will in normal mode operates at a maximum power of 60W per port at the output connector. The radio has 4 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