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

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: TA8AKRC161752-1

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 Cellular band as per 47 CFR Part 2, 22H, 27.

This radio (Radio 4449 B5 B12A) is designed for use in LTE, NB IoT and NR cellular telephone system. This FDD radio operates in Band 5 and Band 12A, the transmitter from 869 - 894 MHz and the receiver from 824 - 849 MHz for band 5 and the transmitter from 729 – 745MHz and the receiver from 699 – 715MHz for band 12A.
It supports radio access technology SR & MR: LTE and NR. NB IoT IB & GB is supported only for B12A. NR is only supported for B5. It supports channel bandwidths of 5, 10 MHz for LTE and NR.
The radio supports modulation type: LTE & NR: QPSK, 16QAM, 64QAM, 256QAM

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 4x4 MIMO / Spatial multiplexing.

The radio will in normal mode operate at a maximum power of 2x 60W (47,8 dbm) or 4x 40W (46 dbm) 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.

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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.

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