Prepared (also subject responsible if other)		No.		
EHUAYAN		TA8AKRC161742-1		
Approved	Checked	Date	Rev	Reference
Hua Yang		2020-05-08	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: TA8AKRC161742-1

To Whom It May Concern:

Ericsson AB requests a Class II Permissive Change for 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 broadband radio service band as per 47 CFR Part 27.

This radio (Radio 4402 B66A) is designed for use in WCDMA, LTE and NR cellular telephone system. This FDD radio operates in Band 66A. The transmitter is from 2110 MHz to 2180 MHz and the receiver is from 1710 MHz to 1780 MHz. It supports radio access technology SR WCDMA, SR LTE, SR NR, MR WCDMA + LTE+NR, and NB-IoT in-band, NB-IoT standalone, NB-IoT guard-band.

It supports channel bandwidths of 5 MHz for WCDMA, 1.4, 3, 5, 10, 15 and 20 MHz for LTE,5,10,15,20MHz for NR. The radio supports modulation types of QPSK, 16 QAM and 64 QAM for WCDMA, QPSK, 16QAM, 64QAM and 256 QAM for LTE and NR.

The radio supports spectrum consisting of two or more sub-blocks separated by sub-block gap(s), NCS (None-Contiguous Spectrum).

The radio has the ability to be used in a RBS system configured for 3GPP MIMO/Spatial multiplexing and beam-forming technologies for LTE.

This radio will in normal mode operates at a maximum power of 5W per port, the radio has 4 TX/RX ports.

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.

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

Hua Yang
Staff Engineer, Regulatory Programs Ericsson AB
Isafjordsgatan 10
Kista, SE-164 80 Stockholm
Sweden
Telephone No.: +862885300014
e-mail: hua.yang@ericsson.com