

Prepared (also subject responsible if other) EZXIQWA		No. TA8AKRC161884-1		
Approved	Checked	Date 2020-07-23	Rev A	Reference

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

TUV SUD BABT
Octagon House, Concorde Way
Fareham, Hampshire, PO15 5RL
United Kingdom

Subject: Class II Permissive Change for FCC ID: TA8AKRC161884-1

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 22 and Part 90.

This radio is designed for use WCDMA, LTE (NB-IoT) and NR wireless communications services system. This FDD radio operates in Band 26, for NR/LTE, the transmitter is from 859 MHz to 894 MHz and the receiver from 814 MHz to 849 MHz; for WCDMA, the transmitter is from 869 MHz to 894 MHz and the receiver from 824 MHz to 849 MHz. It supports radio access technology SR WCDMA, SR LTE, SR NR, MR NR + LTE + WCDMA. It can support in-band, guard-band and standalone NB-IoT.

It supports channel bandwidths of 3.8-5 MHz for WCDMA, 1.4, 3, 5, 10, 15 and 20 MHz for LTE, and 5, 10, 15 and 20 MHz for NR. The radio supports modulation types of QPSK, 16 QAM and 64 QAM for WCDMA, QPSK, 16QAM, 64QAM and 256 QAM for NR/LTE.

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 for NR/LTE.

This radio will in normal mode operates at a maximum power of 40W per port at the output connector. 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.

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