

Prepared (also subject responsible if other)		No.		
EPANLIG		TA8AKRC161553-1		
Approved	Checked	Date	Rev	Reference
Ling Pan L		2023-10-13	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: TA8AKRC161553-1

To Whom It May Concern:

Ericsson AB requests a Class II Permissive Change for the above mentioned FCC Identifier to support additional NR BW of 25,30,35,40MHz.

The radio operates in the Broadband Radio Service band as per 47 CFR Part 27.

The radio operates in the Cellular band as per 47 CFR Part 2 and Part 27. This radio (Radio 2203 B66A) is designed for use in NR, LTE, NB IoT, WCDMA cellular telephone system.

This FDD radio operates in Band 66A.

Band 66A: Transmitter from 2110 - 2180 MHz and the receiver from 1710 - 1780MHz.

Band 66A: Transmitter from 2110 - 2155 MHz and the receiver from 1710 - 1755MHz for WCDMA.

It supports radio access technology SR & MR WCDMA, LTE, NR, NB IoT (IB, GB), and supports channel bandwidths of 5MHz for WCDMA 1.4, 3, 5, 10, 15, 20 MHz for LTE and 5, 10, 15, 20,25,30,35,40MHz for NR.

The radio supports modulation type WCDMA: QPSK, 16QAM, 64QAM LTE & NR: QPSK,16QAM, 64QAM, 256QAM.

The radio has the ability to be used in a RBS system configured for 3GPP up to 2x2 MIMO/Spatial multiplexing, beam-forming and NB-IoT technologies. The radio will in normal mode operate at a maximum power of 5W (37.0 dBm) at the output connectors.

The radio has two (2) 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.

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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