

Prepared (also subject responsible if other) EJIAXIA		No. TA8AKRC161553-1		
Approved	Checked	Date 2020-02-25	Rev B	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

February 25, 2020

**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.

New functionality (NR) has been added in software, as described/covered in exhibit 12 and supporting documentation.

This radio (Radio 2203 B66A) operates in the wireless communications services system as per 47 CFR Part 27.

This radio is designed for use in WCDMA, LTE (NB-IoT) and NR wireless communications services system. The transmitter will operate from 2110 MHz to 2180 MHz and the receiver from 1710 MHz to 1780 MHz. It supports Channel Bandwidth of 4.2 to 5 MHz for WCDMA, 1.4, 3, 5, 10, 15, 20 MHz for LTE, and 5, 10, 15, 20 MHz for NR. This radio supports modulation type QPSK, 16QAM and 64QAM for WCDMA and modulation type QPSK, 16QAM, 64QAM and 256QAM for LTE and NR.

This radio has the ability to be used in a RBS system configured for 3GPP up to 2x2 MIMO/Spatial multiplexing, carrier aggregation technologies.

This radio will in normal mode operate at a nominal power out of 5 watts at each of the output connector (2 connectors).

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 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  
Integration, Verification & Certification, Ericsson AB  
Isafjordsgatan 10  
Kista, SE-164 80 Stockholm  
Sweden  
Telephone No.: +46 70 267 00 42  
e-mail: [lars.i.wallin@ericsson.com](mailto:lars.i.wallin@ericsson.com)