



Confidentiality Class	External Confidentiality Label	Document Type	Page
Ericsson Internal		Exhibit	1 (1)
Prepared By (Subject Responsible)	Approved By (Document Responsible)	Checked	
EHUAYAN Hua Yang			
Document Number	Revision	Date	Reference
TA8AKRC161644-3	A	2023-07-28	

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

Subject: Certification for FCC ID: TA8AKRC161644-3

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 Cellular band as per 47 CFR Part 27.

This radio (Radio 4415 B66A) is designed for use in SR & MR WCDMA, LTE, NR and NB-IoT cellular telephone system. This FDD radio operates in Band 66A.

The transmitter operates from 2110 to 2180 MHz and the receiver from 1710 to 1780 MHz. It supports channel bandwidths of 5 MHz for WCDMA, 5, 10, 15, 20 MHz for LTE and 5, 10, 15, 20, 25, 30, 35, 40 MHz for NR. The radio supports modulation types of QPSK, 16QAM and 64QAM for WCDMA, QPSK, 16QAM, 64QAM and 256 QAM for LTE and NR.

The radio has the ability to be used in a RBS system configured for 3GPP MIMO and carrier aggregation technologies.

This radio will in normal mode operates at a nominal power out of 40 watts at each of the output connector (4 connectors).

This radio will always require a license for transmission.

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.

Hua Yang
Staff Engineer, Regulatory Programs Ericsson AB
Isafjordsgatan 10
Kista, SE-164 80 Stockholm
Sweden
Telephone No.: +86 10 8476 7133
e-mail: hua.yang@ericsson.com