



Confidentiality Class	External Confidentiality Label	Document Type	Page
Ericsson Confidential		Exhibit	1 (1)
Prepared By (Subject Responsible)		Approved By (Document Responsible)	Checked
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TA8AKRC161789-5	B	2021-06-22	

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

Subject: Certification for FCC ID: TA8AKRC161789-5

To Whom It May Concern:

Ericsson AB requests a Grant of Certification (Type Acceptance) for the above mentioned FCC Identifier. The radio operates in the broadband radio service band as per 47 CFR Part 27.

This radio (Radio 4418 B41) is designed for use in SR & MR LTE and NR cellular telephone system. This TDD radio operates in Band 41, the transmitter and receiver from 2496 MHz to 2690 MHz.

It supports channel bandwidths of 10, 15 and 20 MHz for LTE, 20, 30, 40, 50, 60, 70,80,90 and 100MHz for NR. The radio supports modulation types of QPSK, 16QAM, 64QAM and 256 QAM.

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

This radio will in normal mode operates at a maximum power of 20W per port at the output connector. This radio has 4 TX ports.

This Permissive Change request for Radio (Radio 4418 B41) is to support NR70 MHz and NR90 MHz.

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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