



Confidentiality Class	External Confidentiality Label	Document Type	Page
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TA8AKRD901141	A	2023-12-18	

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

Subject: Certification for FCC ID: TA8AKRD901141

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 15 MHz.

The radio operates in the Cellular band as per 47 CFR Part 27.

This Antenna Integrated Radio (AIR) unit, AIR 6449 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 operate from 2496 to 2690 MHz. It supports channel bandwidths of 10, 15, 20 MHz for LTE and 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 MHz for NR. The radio supports modulation types of 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 maximum output power 320 watts in total ports. This radio has 64 TX ports.

This radio will always require a license for transmission.

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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