

Prepared (also subject responsible if other) EJIAXIA		No. TA8BKRD901108		
Approved Xiaoying Jiang	Checked	Date 2019-02-05	Rev A	Reference

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

Subject: Certification for FCC ID: TA8BKRD901108

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 (AIR 6488 B41) is designed for use in NR mobile telephone system. This radio operates in Band 41, the transmitter and the receiver from 2496 MHz to 2690 MHz. It supports channel bandwidth of 20 MHz and 40 MHz. The radio supports modulation types of QPSK for channel bandwidth of 20MHz and QPSK, 64QAM and 256QAM for channel bandwidth of 40MHz.

The radio has the ability to be used in a RBS system configured for 3GPP FD-MIMO and beamforming technologies as an Advanced Antenna System.

This radio will in normal mode operates at a maximum power of 1.25W for channel bandwidth of 20 MHz and 2.5W for 40 MHz per port at the transceiver array boundary (TAB) connector. The radio has 64 TX/RX ports.

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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