

Prepared (also subject responsible if other) EHUUXIO		No. TA8AKRD901160		
Approved Xiao Hu	Checked	Date 2020-01-06	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: TA8AKRD901160**

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 96.

This radio (AIR 6488 B48) is designed for use in LTE mobile telephone system. This radio operates in Band 48, the transmitter and the receiver from 3550 MHz to 3700 MHz, It supports channel bandwidths of 10 MHz, 20 MHz. The radio supports modulation types of QPSK, 16QAM, 64QAM and 256QAM for LTE.

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.

The radio has 64 TX/RX ports. will work for LTE operates at a maximum power of 50mW for channel bandwidth of 10 MHz, 100mW for 20 MHz per port at the transceiver array boundary (TAB) connector.

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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