

Prepared (also subject responsible if other)		No.		
EWAGTIG		TA8AKRC161884-1		
Approved	Checked	Date	Rev	Reference
Tingting Wang		2020-05-21	A	

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

**Subject: Certification for FCC ID: TA8AKRC161884-1**

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 Cellular band as per 47 CFR Part 22 and Part 90.

This radio (Radio 4478 B26) is designed for use WCDMA and LTE cellular telephone system. This FDD radio operates in Band 26, for LTE, the transmitter is from 859 MHz to 894 MHz and the receiver from 814 MHz to 849 MHz; for WCDMA, the transmitter is from 869 MHz to 894 MHz and the receiver from 824 MHz to 849 MHz. It supports radio access technology SR WCDMA, SR LTE, MR LTE + WCDMA. It can support in-band, guard-band and standalone NB-IoT.

It supports channel bandwidths of 3.8-5 MHz for WCDMA, 1.4, 3, 5, 10, 15 and 20 MHz for LTE. The radio supports modulation types of QPSK, 16 QAM and 64 QAM for WCDMA, QPSK, 16QAM, 64QAM and 256 QAM for LTE.

The radio supports spectrum consisting of two or more sub-blocks separated by sub-block gap(s), NCS (None-Contiguous Spectrum). The radio unit supports carrier aggregation.

The radio has the ability to be used in a RBS system configured for 3GPP MIMO/Spatial multiplexing and beam-forming technologies for LTE.

This radio will in normal mode operates at a maximum power of 40W per port at the output connector. The radio has 4 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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