

Prepared (also subject responsible if other) ETCCHWQ		No. TA8FKRC161760-3		
Approved Weiqun Chen	Checked	Date 2018-07-11	Rev B	Reference

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

**Subject: Certification for FCC ID: TA8FKRC161760-3**

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 27.

This radio (Radio 4415 B70) is designed for use in LTE cellular telephone system. This FDD radio operates in Band 70. The transmitter from 2000 MHz to 2020 MHz and the receiver from 1695 MHz to 1710 MHz. It supports radio access technology SR LTE, it supports in-band, guard band and standalone NB-IoT.

It supports channel bandwidths of 5, 10, 15 and 20 MHz for LTE. The radio supports modulation types of QPSK, 16QAM, 64QAM and 256 QAM for LTE, QPSK for standalone NB-IoT.

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 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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