

Prepared (also subject responsible if other) Denis Lalonde		No. TA8AKRC161887-1		
Approved	Checked	Date April 13, 2020	Rev A	Reference

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

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Forsyth House  
Churchfield Road,  
Walton-on-Thames, Surrey  
KT12 2TD, UK

April 13, 2020

## **Subject: Certification for FCC ID: TA8AKRC161887-1**

To Whom It May Concern:

Ericsson AB requests a Grant of Certification (Type Acceptance) for the above-mentioned FCC Identifier.

This Radio Unit (LPRU 4410 B5B13) is designed for use in LTE and NR cellular telephone system. The FDD transmitter and receiver will transmit from 869-894 MHz and 746-756 MHz. It supports channel bandwidths of 10 MHz for LTE. It also supports channel bandwidths of 20 MHz for NR. The Radio Unit supports modulation types QPSK, 16QAM, 64QAM and 256QAM. The Radio Unit operates in the Cellular Radiotelephone Service as per 47 CFR Part 22 and the 746-758 MHz band as per 47 CFR Part 27. It meets the requirements of Third Generation Partnership Project (3GPP) for operation in LTE and NR cellular systems.

The LPRU 4410 B5B13 product will only be installed with its RF output ports connected to Active Distributed Antenna Systems (DAS). Our product will not be directly connected to antennas.

The Radio Unit will in normal mode operate at a nominal power output of 50 mW per port at the output connectors (8 connectors with up to 50 mW in each port).

This Radio Unit (LPRU 4410 B5B13) will always require a license for transmission.

The Exhibit 8 user manuals submitted with this application are 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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