



Confidentiality Class	External Confidentiality Label	Document Type	Page
Ericsson Internal			1 (2)
Prepared By (Subject Responsible)	Approved By (Document Responsible)		Checked
EALIAFR Afrah Ali Sadiq			
Document Number	Revision	Date	Reference
	A	2022-11-11	

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

## **Subject:Class II Permissive Change for FCC ID: TA8AKRC161749-1**

To Whom It May Concern:

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

New functionality (the added NB-IoT functionality to LTE) has been added in software and new functionality (the added NB-IoT functionality to NR) has been added in software to both Bands (B5 & B13), as described/covered in Exhibit 12 and supporting documentation.

The radio operates in the Personal Communications Services and Miscellaneous Wireless Communications Services as per FCC 47 CFR Part 22 and Part 27.

This radio (Radio 4449 B5 B13) is designed for use in LTE, NB IoT (IB, GB), NR, ESS cellular telephone system. This FDD radio operates in Band 5 and Band 13.

**Band 5:** Transmitter from 869 - 894 MHz and the receiver from 824 - 849 MHz.

**Band 13:** Transmitter from 746 -756 MHz and the receiver from 777 - 787 MHz.

Details regarding supported functionality, see clause 1.1 and 1.2 in Exhibit 12 – Technical Circuit Description.

This radio will always require a license for transmission.

The Exhibit 8 - manuals submitted with this application is generic and may cover multiple products.

This application is only valid for the model specified in the Exhibit 6- test report.

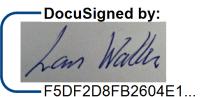
Ericsson AB accept by this request the agreement set out in the document "IP SPCR 125 Annex A2 Agreements on Post-market surveillance for radio equipment certified for the US market.

Ericsson AB requests confidentiality under CFR 0.459 according to attached letter, see "Exhibit 13 Request for Confidentiality FCC" for the details of the confidentiality request. 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.



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If additional information is needed, please contact me on the below listed number.



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