

Prepared (also subject responsible if other)		No.		
Gavin Gan		TA8AKRY901468-1		
Approved	Checked	Date	Rev	Reference
		Sep. 20, 2023	A	

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

TUV SUD America
 401 Edgewater Place Suite #500
 Wakefield, MA 01880
 United States

September 20, 2023

Subject: Certification for FCC ID: TA8AKRY901468-1

To Whom It May Concern:

Ericsson AB requests a Class 2 Permissive Change for the above-mentioned FCC Identifier.

No changes have been done to the product hardware. The reason for the C2PC is to introduce the new NR 35MHz operating bandwidth to the FCC grant.

This Radio Unit (Dot 2274 B25B66) is designed for use in WCDMA, LTE and NR cellular telephone system. The FDD transmitter and receiver will transmit from 1930-1995 MHz and 2110-2200 MHz. It supports channel bandwidths of 5, 10, 15, and 20 MHz for LTE. It also supports channel bandwidths of 5, 10, 15, 20, 25, 30, 35 and 40 MHz for NR. The Radio Unit operates in the Broadband PCS Service as per 47 CFR Part 24 and the Advanced Wireless Service 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 Dot 2274 B25B66 product will also support NBIoT Guardband and Inband operation for LTE signals.

The Dot 2274 B25B66 product uses the same PCB and hardware as the Dot 2284 B25B66 product (FCCID: TA8KRY901468-2). The only difference between the 2 products is the presence of internal/external antennas. All approval tests were done on the external antenna ports variant. This product includes 4 internal antennas.

The Radio Unit will in normal mode operate at a nominal power output of 200mW per port. This Radio Unit (Dot 2274 B25B66) will always require a license for transmission.

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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