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| Prepared (also subject responsible if other) | | No. | | |
| Denis Lalonde | | TA8BKRY901309-1 | | |
| Approved | Checked | Date | Rev | Reference |
| | | April 27, 2021 | A | |

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

TUV SUD BABT
Octagon House
Concorde Way, Segensworth North
Fareham, Hampshire, PO15 5RL
United Kingdom

April 27, 2021

Subject: Certification for FCC ID: TA8BKRY901309-1

To Whom It May Concern:

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

This product is already approved for LTE and WCDMA operation. We now request to add NR operation to the approval file of this product.

No hardware changes have been performed on this product.

This Radio Unit (Radio Dot – RD 2242) is designed for use in LTE, WCDMA, and NR cellular telephone system. The transmitter will operate from 2110 MHz to 2155 MHz. The receiver circuit supports 1710 MHz to 1755 MHz. It supports channel bandwidths of 5, 10, 15, and 20 MHz for LTE/NR and 4.2 to 5 MHz for WCDMA. The Radio Unit (RU) supports modulation types QPSK, 16QAM, 64QAM, and 256QAM for LTE and NR. QPSK, 16QAM, and 64QAM operation is supported for WCDMA. The Radio Unit operates in the AWS Service as per 47 CFR Part 27. It meets the requirements of Third Generation Partnership Project (3GPP) for operation in LTE, WCDMA, and NR cellular systems.

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

The Radio Unit will in normal mode operate at a nominal power output of 50 mW per port at the output connectors (2 connectors with up to 50 mW in each connector connected to built-in antennas).

This Radio Unit (Radio Dot – RD 2242) will always require a license for transmission.

The Exhibit 8 user manuals submitted with this application are generic and may cover multiple products.

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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