Subject: Class 2 Permissive change for certification for FCC ID: TA8AKRD901141

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

To Whom It May Concern:

Ericsson AB requests a Class 2 Permissive change for the Grant of Certification (Type Acceptance) for the above-mentioned FCC Identifier.

The reason for the permissive change is addition of bandwidths 10 MHz, 30 MHz, 50 MHz, 70 MHz, 90 MHz for NR and 10 MHz, 15 MHz for LTE. One LTE-carrier is added from 1NR-3LTE to 1NR-4LTE.

The radio operates in the broadband radio service band as per 47 CFR Part 27.

This Antenna Integrated Radio (AIR) unit, AIR 6449 B41, is a TTD radio designed for use in NR and LTE base station system. It operates in Band 41, where it transmits and receives from 2496 MHz to 2690 MHz.

The radio will support channel bandwidths of 10 MHz, 20 MHz, 30 MHz 40 MHz, 50 MHz, 60 MHz, 70 MHz 80 MHz, 90 MHz 100 MHz for NR and 10 MHz, 15 MHz 20 MHz for LTE after class 2 permissive change. It also supports mixed mode of LTE and NR. The radio supports modulation types of QPSK, 16QAM, 64QAM and 256QAM for NR and LTE.

The radio can be used in an RBS system configured for Massive MIMO/spatial multiplexing and beamforming technologies as an Advanced Antenna System.

The radio has 64 TX/RX ports. This radio has a Maximum output power of 4W/MHz up to 320W. 320W is reached with carrier BW's <80MHz, also in mixed mode, carrier aggregation with a sum of carrier BW's <80MHz.

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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