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TA8BKRD901160	A	2024-08-28	

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

## Subject: Class II Permissive Change for FCC ID: TA8BKRD901160

To Whom It May Concern:

Ericsson AB requests a Class II Permissive Change for above mentioned FCC Identifier to support NR.

The radio (AIR 6488 B48) operates in the Cellular band as per 47 CFR Part 96.

This radio is designed for use in SR&MR LTE and NR cellular telephone system. This TDD radio operates in Band 48.

The transmitter and receiver operate from 3550 to 3700MHz. It supports channel bandwidths of 10, 20 MHz for LTE and 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 MHz for NR. The radio supports modulation types of QPSK, 16QAM, 64QAM and 256QAM for LTE and NR.

The radio has the ability to be used in a RBS system configured for Massive MIMO/spatial multiplexing and beamforming technologies as an Advanced Antenna System.

This radio will in normal mode operates at a maximum 50W/10MHz EIRP. This radio has 64 TX ports.

This radio will always require a license for transmission.

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 6 test report.

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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