

Confidentiality Class	External Confidentiality Label	Document Type	Page
Ericsson Internal		Technical Product Description	1 (2)
Prepared By (Subject Responsible)	Approved By (Document Responsible)		Checked
ECAHAOS Hans Østgaard			
Document Number	Revision	Date	Reference
Exhibit 13 Uen	A	2023-03-03	



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

Subject: Class 2 Permissive Change for FCC ID: TA8AKRD901254

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 adding NR functionality to the existing LTE.

The radio operates in band 48 as per 47 CFR Part 96 where it where it transmits and receives from 3550 MHz to 3700 MHz. The product also meets all the SAS to CBSD requirements of Part 96. A separate test report includes these test results.

This Antenna Integrated Radio (AIR) unit, AIR 3268 B48, is a TTD radio designed for use in NR and LTE base station system.

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 after class 2 permissive change, in addition to the already existing bandwidths for LTE. 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 Exhibit 8 user manuals submitted with this application is generic and may cover multiple products.

Details regarding supported functionality, see clause 1.1, 1.2 and 1.3 in Exhibit 12 – Technical Circuit Description.

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. See "Exhibit- 13 Request for Confidentiality FCC" for the details of the confidentiality request.

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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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