

Confidentiality Class	External Confidentiality Label	Document Type	Page
Ericsson Internal		Technical Product Description	1 (2)
Prepared By (Subject Responsible)		Approved By (Document Responsible)	Checked
EZGRELI Linda Grell			
Document Number	Revision	Date	Reference
Exhibit 13 Uen	A	2020-05-12	



Subject: 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 Grant of Certification (Type Acceptance) for the above-mentioned FCC Identifier.

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. It supports channel bandwidths of 20 MHz, 40 MHz, 60 MHz, 80 MHz, 100 MHz for NR and 10 MHz, 20 MHz 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 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.

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If additional information is needed, please contact me on the below listed number.

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