



Confidentiality Class	External Confidentiality Label	Document Type	Page
Ericsson Internal		Technical Product Description	1 (2)
Prepared By (Subject Responsible)		Approved By (Document Responsible)	Checked
ESHUQIX			
Document Number	Revision	Date	Reference
Exhibit 13 Uen	B	2021-08-17	

Subject: Certification for FCC ID: TA8BKRD901206

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 for the models described in Exhibit 12 Chapter 1.1 Product overview.

This Permissive Change request for Radio (AIR 6449 B77D) is to support NR70MHz and NR90MHz.

The radio operates in the 3.7 GHz Service (3700-3980 MHz) as per 47 CFR Part 27.

This Antenna Integrated Radio (AIR) unit, AIR 6449 B77D, is a TDD radio designed for use in NR base station system. It operates in Band 77D, where it transmits and receives from 3700 MHz to 3980 MHz. It supports channel bandwidths of 20 MHz, 40 MHz, 60 MHz, 70 MHz, 80 MHz, 90MHz, 100 MHz with SCS 30 kHz. The radio supports modulation types of QPSK, 16QAM, 64QAM and 256QAM.

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 up to 320W.

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.



Confidentiality Class	External Confidentiality Label	Document Type	Page
Ericsson Internal		Technical Product Description	2 (2)
Prepared By (Subject Responsible)		Approved By (Document Responsible)	Checked
ESHUQIX			
Document Number	Revision	Date	Reference
Exhibit 13 Uen	B	2021-08-17	

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

Hua Yang
Staff Engineer, Regulatory
Programs Ericsson AB
Isafjordsgatan 10
SE-164 80 Stockholm
Sweden
Telephone No. +86 10 8476 7133
e-mail: hua.yang@ericsson.com