

Prepared (also subject responsible if other) EDAVPAM Dave Pampararo		No. TA8AKRC1614412 / 287AB-AS1614412		
Approved	Checked	Date 2024-11-12	Rev A	Reference Radio 4471

Nemko Canada Inc.
303 River Road
Ottawa, Ontario, Canada
K1V 1H2

Federal Communications Commission
Authorization & Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046-1609

12 November 2024

FCC ID: TA8AKRC1614412

IC: 287AB-AS1614412

HVIN: AS1614412

Product: KRC 161 4412/31

FCC Reference: CFR 47 Part 2, Part 27

Subject: Request for FCC Certification

Ericsson AB / Ericsson Canada Inc. formally request Certification for the above referenced product.

Transmission Bandwidth Configurations:

Band 12A DL: 729 – 745 MHz:

LTE: 5, 10, 15 MHz

NR: 5, 10, 15 MHz

NB IoT (SA, GB, IB)

This Radio is designed for SC/MC Cellular Communications supporting SRO/MRO for NR (New Radio), LTE operations and NB-IoT SA. The Radio is a Single Band FDD transceiver operating in Band 12A.

Band 12A

TX (DL): 729 – 745 MHz

RX (UL): 699 – 715 MHz

The Radio 4472 B12A supports LTE/NR Channel Bandwidths of 5, 10 and 15 MHz with Modulation type QPSK, 16QAM, 64QAM and 256QAM. The Radio 4472HP is capable of operating in an RBS System supporting 3GPP MIMO/Spatial Multiplexing, Carrier Aggregation, and ESS (Ericsson Spectrum Sharing) technologies.

Dated this 12th Day of November 2024

By:

Dave Pampararo

Signature

Dave Pampararo

Printed

Applicant:

Ericsson AB

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