

Prepared (also subject responsible if other) EDAVBOL [David Bolzon]		No. TA8AKRC161991-1 / 287AB-AS1619911		
Approved	Checked	Date 2022-06-06	Rev A	Reference Radio 4480

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

06 June 2022

FCC ID: TA8AKRC161991-1

IC: 287AB-AS1619911

HVIN: AS1619911

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 66 DL 2110 – 2200MHz:

LTE/NR: 5, 10, 15, 20MHz, (LTE+NB-IoT (IB): 5MHz, LTE+NB-IoT (IB, GB) 10, 15, 20MHz)

Band 70 DL 1995 – 2020MHz:

LTE/NR: 5, 10, 15, 20MHz, (LTE+NB-IoT (IB): 5MHz, LTE+NB-IoT (IB, GB) 10, 15, 20MHz)

This Radio is designed for SC/MC Cellular Communications supporting SRO/MRO for NR (New Radio) and LTE including LTE+NB-IoT (IB, GB) operations. The Radio is a Dual Band FDD transceiver operating in Band 66 / Band 70.

Band 66

TX (DL): 2110 - 2200 MHz

RX (UL): 1710 - 1780 MHz

Band 70

TX (DL): 1995 – 2020 MHz

RX (UL): 1695 - 1710 MHz

The Radio 4480 44B66 44B70 C supports LTE/NR Channel Bandwidths of 5, 10, 15 and 20MHz with Modulation type QPSK, 16QAM, 64QAM and 256QAM. The Radio 4480 is capable of operating in an RBS System supporting 3GPP MIMO/Spatial Multiplexing, Carrier Aggregation, ESS (Ericsson Spectrum Sharing) and NB-IoT (IB, GB) technologies. ESS is supported for 10, 15, and 20MHz Bandwidths.

Dated this 6th **Day of** June 2022

By:



David Bolzon

Signature

Printed

Applicant: Ericsson AB

DAVID BOLZON

Sr. RF Engineer – Regulatory Approvals

Ericsson Canada Inc.

349 Terry Fox Drive

Ottawa, On, K2K 2V6, Canada

Mobile: +1.613.219.5892

Email: david.bolzon@ericsson.com