

Prepared (also subject responsible if other) EDAVBOL [David Bolzon]		No. TA8AKRD901800-1		
Approved	Checked	Date 2020-04-03	Rev B	Reference FRN: 0013476155

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

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

03 April 2020

FCC ID: TA8AKRD901800-1

Model: AIR 1641 B2/25a B66a
Product Number: KRD 901 800/1

FCC Reference: CFR 47 Part 2, Part 24, Part 27

Request for FCC Class II Permissive Change Filing

Ericsson AB / Ericsson Canada Inc. formally request a Class II Permissive Change filing for the above referenced product.

The reason for this Class II Filing is to add an additional LTE RF Channel Bandwidth of 5MHz to the existing Authorization / Grant. This will add a new Emission Designation of 5M00W7D to the existing Grant to allow an additional LTE Transmission Bandwidth as follows:

Band 2/25 DL 1930 – 1995MHz: 5MHz LTE, 5MHz LTE+NB IoT(IB)
Band 66 DL 2110 – 2200MHz: 5MHz LTE, 5MHz LTE+NB IoT(IB)

This Radio is designed for Cellular Communications supporting LTE and LTE+NB IoT(IB, GB) operations. It is a Dual Band FDD Radio operating in Band 2 or Band 25 and Band 66.

Band 2/25

TX (DL): 1930 - 1995 MHz
RX (UL): 1850 - 1915 MHz

Band 66

TX (DL): 2110 - 2200 MHz
RX (UL): 1710 - 1780 MHz

It supports Channel Bandwidths of 5, 10, 15 and 20MHz with Modulation type LTE QPSK, 16QAM, 64QAM and 256QAM. The Radio is capable of operating in an RBS System for 3GPP MIMO/Spatial Multiplexing, Carrier Aggregation and NB IoT (IB, GB) technologies.

Dated this 03th **Day of** April 2020

By:



Signature

David Bolzon

Printed

Applicant: Ericsson AB

DAVID BOLZON

Sr. RF Engineer – Regulatory Approvals
Ericsson Canada Inc.
349 Terry Fox Drive
Ottawa, On, K2K 2V6, Canada
Phone: +1.613.963.6998
Mobile: +1.613.219.5892
Email: david.bolzon@ericsson.com