Prepared (also subject responsible if other)		No.		
EDAVBOL [David Bolzon]		TA8AKRC161749-1		
Approved	Checked	Date	Rev	Reference
		2018-01-23	A	

Federal Communications Commission
Authorization & Evaluation Division
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Columbia, Maryland 21046-1609

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

23 January 2018

FCC ID: TA8AKRC161749-1

Subject: Class II Permissive Change for FCC ID: TA8AKRC161749-1

To Whom It May Concern:

Ericsson Canada / Ericsson AB respectfully requests a Class II Permissive Change for the above-mentioned FCC Identifier under the provisions of FCC rule 2.1043. The Permissive Change Request for this Remote Radio Unit (Radio 4449 B5 B13) is to include additional Carrier Bandwidths and multi-carrier operation to the existing LTE Radio Certification. Updates and inclusions for this radio product are described in Exhibit 12: Technical Circuit Description. The product in this application (Radio 4449 B5 B13) is a multi-standard radio forming part of the Ericsson RBS 6000 series Radio Base Station (RBS). The Radio 4449 provides the wireless radio access interface for mobile and fixed devices and is designed for the outdoor environment. The Band 5 radio transmitter operates over 869MHz to 894MHz and supports Channel Bandwidths of 5MHz and 10MHz for single-carrier and multi-carrier combinations to a maximum of 3 carriers per port. The Band 13 radio transmitter operates over 746MHz to 756MHz and supports Channel Bandwidths of 5MHz and 10MHz for single-carrier and multi-carrier combinations to a maximum of 2 carriers per port. The Radio 4449 supports LTE modulations types QPSK, 16QAM, 64QAM and 256QAM. The maximum rated RF power per port is the same as the initial / existing FCC Grant for this product.

The Permissive Change request for this transceiver (Radio 4449 B5 B13) is to include the following:

1) Band 5: add 10MHz Carrier Bandwidth and multi-carrier operation to the existing Grant
2) Band 13: add 5MHz Carrier Bandwidth and multi-carrier operation to the existing Grant

Note: To enable the above carrier functions only software / firmware changes were implemented, no hardware changes.

The Exhibit 12 Operational Description describes the operation and functions of this radio.

The applicant certifies that no party to this application is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug abuse Act of 1988.

Your prompt attention to this matter is appreciated. Should additional information be required, please contact the undersigned:

DAVID BOLZON Sr. Engineer - Regulatory Approvals
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