

Prepared (also subject responsible if other) EDAVBOL [David Bolzon]		No. TA8AKRD901190-1 / 287AB-AS9011901		
Approved	Checked	Date 2019-02-11	Rev A	Reference

Federal Communications Commission
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11 February 2019

FCC ID: TA8AKRD901190-1

IC: 287AB-AS9011901

HVIN: AS9011901

Subject: Class II Permissive Change for FCC ID: TA8AKRD901190-1

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 (AIR 3246 B66) is to enable / include LTE Multi-Carrier and LTE + NB IoT (GB, IB) 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 (AIR 3246 B66) is a multi-standard radio forming part of the Ericsson RBS 6000 series Radio Base Station (RBS). The AIR 3246 provides the wireless radio access interface for mobile and fixed devices and is designed for the outdoor environment. The Band 66 radio transmitter operates over 2110MHz to 2200MHz and supports LTE Channel Bandwidths of 5MHz, 10MHz, 15MHz and 20MHz for single-carrier and multi-carrier combinations to a maximum of 3 carriers per port. The AIR 3246 supports LTE modulations types QPSK, 16QAM, 64QAM and 256QAM and LTE with in-band and guard-band NB IoT. Performance characteristics with respect to the applicable standards and existing certification have not been degraded. The maximum rated RF power per port is consistent (no change) with the existing FCC Grant for this product.

The Permissive Change request for this transceiver (AIR 3246 B66) is to include the following:

- 1) **Add multi-carrier operation to the existing Grant**
- 2) **Add LTE + NB IoT (IB, GB)**
- 3) **Extend the Frequency Band of Operation from 2110 - 2180MHz to 2110 – 2200MHz**

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:



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