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Integration manual

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## 1 General

For integration in a host device the following must be observed. The module will be only integrated in professional industrial radio applications and will be exclusively used for systems of Kimberly-Clark.

The EHRTMODULE may be only installed in portable host devices. During development of the host the integration requirements are observed as defined in this manual.

## 2 Integration Guide

### 2.1 General

The EHRTMODULE module is intended solely for use in Kimberly-Clark subsystems to be attached to portable devices. It is an Bluetooth transceiver module and operates in the ISM 2400-2483,5 MHz unlicensed spectrum.

### 2.2 Applicable FCC Rules

Part § 15.247 (<https://www.law.cornell.edu/cfr/text/47/15.247>)

### 2.3 Applicable IC Rules

RSS-247 (<https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf10971.html>)

### 2.4 Limited Module Procedures


The EHRTMODULE module meets limited requirements for modular certification. Due to lack of shielding each host device requires to be tested for radiated spurious emissions. However, it will only be used in Kimberly-Clark products. This module is not intended for sale to 3rd parties.

### 2.5 Trace Antenna Design

The module is equipped with printed inverted-F type antenna, with omnidirectional radiation pattern. The peak gain of the antenna is less than 5dBi, maximum output power less than 8dBm.

### 2.6 RF Exposure Considerations

To comply with RF exposure requirements, a minimum separation distance of 20cm must be maintained between the user's body and the device, including the antenna. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. government, however the host product with the module installed must be evaluated for simultaneous transmission requirements if necessary.

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### 3 Label and Compliance Information

#### 3.1 Products Sold in the US

Products including the EHRTMODULE must include a physical or e-label stating “Contains FCC ID 2AQVAEHRTMODULE ” in accordance with “Guidelines for Labeling and User Information for RF Devices – KDB Publication 784748”. (<https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?switch=P&id=27980>)

#### 3.2 Products Sold in Canada

Products including the EHRTMODULE must include a physical or e-label stating “Contains IC: 24318-EHRTMODULE ” in accordance with “Certification of Radio Apparatus RSS-102”

### 4 Information on Test Modes and Additional Testing Requirements

The host manufacturer must perform Part 15 Subpart B testing of the integrated assembly. Where other transmitters are included, the manufacturer must perform colocation testing of the integrated. Where integration cannot maintain the required 20 cm separation additional RF exposure evaluation will be required. The host product with the module installed must be evaluated for simultaneous transmission requirements.

### 5 Part B Disclaimer

The EHRTMODULE FCC ID is only authorized by the FCC for the rules listed on the grant. The host manufacturer is responsible for compliance with any other FCC rules that apply to the host not covered by the modular certification.