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RF exposure information

Date: **May 20, 2015**

FCC ID: **2AD9FSUV1**; IC: **1957A-SUV1**

1. Introduction:

The device with FCC ID: 2AD9FSUV1; IC: 1957A-SUV1 is designed to be used in portable exposure conditions as a limb-worn device.

This product integrates a BLE transmitter operated in 2.45 GHz frequency band.

2. Output power considerations:

BLE transmitter: -4.73 dBm (0.337 mW) Conducted / eirp

3. Compliance criteria:

Transmitter is deemed to comply with FCC § 2.1093 requirements and IC RSS-102 Issue 5 as the output power of the device meets the conditions specified in section 4.3.1 (SAR test exclusion) considerations of the document “KDB 447498 D01 General RF Exposure Guidance v05r02” and in section 2.5.1 (Exemption from Routine Evaluation Limits – SAR Evaluation) of RSS-102 Issue 5.

FCC:

$$\left[\frac{\text{max. power of channel, including tune-up tolerance, mW}}{[\sqrt{f(\text{GHz})}]} \leq 7.5 \right]$$

$$[0.337/5] \cdot [\sqrt{2.45}] = 0.105 \leq 7.5$$

IC:

Max output power (mW) $\leq 4 \cdot 2.5 \text{ mW}$

$$0.337 \leq 10 \text{ mW}$$

Sincerely,

p.a.

Leopold Emsenhuber

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