



TUV SUD BABT TCB
Octagon House,
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RF exposure information

Date: **May 20, 2015**

FCC ID: **2AEFM-WPR502U1**

1. Introduction:

The device with FCC ID: **2AEFM-WPR502U1** is designed to be used in portable exposure conditions.

This product integrates a BLE transmitter operated in 2.4 GHz frequency band (2402-2480 MHz).

2. Output power considerations:

BLE transmitter: -12.27 dBm (0.059 mW) Conducted / -15.37 dBm (0.029 mW) 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.

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$

$$[0.059/5] \cdot [\sqrt{2.48}] = 0.019 \leq 3$$

Sincerely,

A handwritten signature in blue ink, appearing to read "Jerry Strandberg".

p.a.
Jerry Strandberg
SENIOR ELECTRICAL ENGINEER
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