



September 26, 2016

TUV SUD BABT FCB
Octagon House,
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PS15 5RL

Attention: Director of Certification

**RE: Analysis of RF Exposure for Portable and Mobile use per KDB 447498 D01 Mobile Portable
RF Exposure v06 and RSS-102 Issue 5 March 2015**

FCC ID: SGWIPS2016RFID

IC: 11583A-IPS2016RFID

$$[(0.000027 \text{ mW})/(5 \text{ min.})] \cdot [\sqrt{0.01356_{(\text{GHz})}}] \leq 3.0$$

- $f_{(\text{GHz})}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation¹⁷
- The result is rounded to one decimal place for comparison

[Ref: Clause 4.3.1.1]

Calculation (max power including tune up tolerance = 0.00629mW):

$$[(0.000027 \text{ mW})/(5, \text{ mm})] \cdot [\sqrt{0.01356_{(\text{GHz})}}] \leq 3.0$$

$$0.00629 \leq 3.0$$

Therefore, the device meets the FCC SAR exemption requirements.

As per Clause 2.5.1 of RSS-102 Issue 5 March 2015, the EUT is exempted from routine evaluation having a maximum source-based time averaged output of 0.00629mW, where the limit is 4mW or less for general population exposure.

Sincerely,


Alex Chang

Name

Authorized Signatory

Title: EMC/Wireless Test Engineer