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Subject: SAR Evaluation Exemption Compliance information

FCC ID: 2ABBZ-RF-RDWS-AAA

IC ID: 11817A- RFRDWSAAA

FCC KDB 447498 D01v05 Clause 4.3.1.1 SAR test exemption criteria

Portable Exposure SAR Exemption

Per FCC KDB 447498 D01 RF Exposure v05r01

Maximum e.r.p. power = 0.86 mW

$f_{(\text{GHz})} = 0.3195$

A test separation distance of 5 mm has been applied to the SAR test exclusion calculation.

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

$f_{(\text{GHz})}$ 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]

$$\left[\frac{(0.86 \text{ mW})}{(5, \text{ mm})} \right] \left[\sqrt{0.3195_{(\text{GHz})}} \right] \leq 3.0$$

$$1.52 \leq 3.0$$

Therefore, the device meets the FCC SAR exemption requirements.

Device is exempt from routine SAR evaluation per RSS-102 Issue 5, due to the maximum power of the device (=0.86mW) being less than 52 mW

Yours sincerely,

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