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Report Number: 60.790.16.083.01

Model No.: Pinout-A

Radiofrequency radiation exposure evaluation

According to KDB 447498 D01v06 section 4.3.1,

>> The 1-g SAR test exclusion thresholds, for 100MHz to 6GHz, at test separation distances ≤ 50 mm are determined by:

Power at 2.402GHz = 2.4774 mW EIRP

Power at 2.440GHz = 2.3496 mW EIRP

Power at 2.480GHz = 2.2130 mW EIRP

$[(2.4774 \text{ mW}) / (5 \text{ mm})] \cdot [\text{sqrt}(2.402 \text{ GHz})] = 0.7679$ which is ≤ 3.0 for 1-g SAR.

$[(2.3496 \text{ mW}) / (5 \text{ mm})] \cdot [\text{sqrt}(2.440 \text{ GHz})] = 0.7340$ which is ≤ 3.0 for 1-g SAR.

$[(2.2130 \text{ mW}) / (5 \text{ mm})] \cdot [\text{sqrt}(2.480 \text{ GHz})] = 0.6970$ which is ≤ 3.0 for 1-g SAR.

Therefore the device is exempt from stand-alone SAR test requirements.

>> The fundamental frequency of the EUT is 2402MHz-2480MHz, the test separation distance is < 50 mm. (Manufacturer specified the separation distance is: 20mm)

>> The power of EUT measured is:

- For 2402MHz: $2.4774\text{mW} = 10 \log (2.4774) \text{ dBm} \sim 3.94\text{dBm}$

- For 2440MHz: $2.3496\text{mW} = 10 \log (2.3496) \text{ dBm} \sim 3.71\text{dBm}$

- For 2480MHz: $2.2130\text{mW} = 10 \log (2.2130) \text{ dBm} \sim 3.45\text{dBm}$