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Report Number: 60.790.15.009.01

Model No.: Giant Neos Sync

Radiofrequency radiation exposure evaluation

According to KDB 447498 D01v05r02 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 2.457GHz = 1.2560 mW EIRP

Power at 2.402GHz = 1.3740 mW EIRP

Power at 2.440GHz = 1.2416 mW EIRP

Power at 2.480GHz = 1.2560 mW EIRP

$[(1.2560 \text{ mW}) / (20 \text{ mm})] \cdot [\text{sqrt}(2.457 \text{ GHz})] = 0.0984$ which is ≤ 3.0 for 1-g SAR.

$[(1.3740 \text{ mW}) / (20 \text{ mm})] \cdot [\text{sqrt}(2.402 \text{ GHz})] = 0.1064$ which is ≤ 3.0 for 1-g SAR.

$[(1.2416 \text{ mW}) / (20 \text{ mm})] \cdot [\text{sqrt}(2.440 \text{ GHz})] = 0.0969$ which is ≤ 3.0 for 1-g SAR.

$[(1.2560 \text{ mW}) / (20 \text{ mm})] \cdot [\text{sqrt}(2.480 \text{ GHz})] = 0.0988$ 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 and 2457MHz, the test separation distance is < 50 mm. (Manufacturer specification distance is 20mm)

>> The power of EUT measured is:

- For 2457MHz: $1.2560\text{mW} = 10 \log(1.2560) \text{ dBm} \sim +0.99\text{dBm}$

- For 2402MHz: $1.3740\text{mW} = 10 \log(1.3740) \text{ dBm} \sim +1.38\text{dBm}$

- For 2440MHz: $1.2416\text{mW} = 10 \log(1.2416) \text{ dBm} \sim +0.94\text{dBm}$

- For 2480MHz: $1.2560\text{mW} = 10 \log(1.2560) \text{ dBm} \sim +0.99\text{dBm}$