

Declaration of SAR Exclusion Letter

According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance ≤ 50 mm are determined by:

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

The tune-up power is -4.5 dBm +/- 0.5dBm, therefore the highest tune-up power is

-4.00 dBm (0.40 mW) **@ 2480 MHz**

When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

So,

$$((0.40 \text{ mW}) / 5\text{mm}) \cdot (2.480\text{GHz})^{0.5} = 0.1$$

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 0.1 < 3.0$$

Therefore, standalone SAR measurements are not required for both head and body.

Approved by:



Eric Huang
Section Manager

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
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