



Report No.: T190524N01-MF

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

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

The tune-up power is -6.00 dBm +/- 0.5dB; -4.60 dBm +/- 0.5dB, therefore the highest tune-up power is

-5.50 dBm	(0.282 mW)	@ 2440 MHz (BT)
-4.10 dBm	(0.389 mW)	@ 2408 MHz (RF)

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,

$$\begin{aligned} (0.28 \text{ mW}) / 5\text{mm} * (2.480\text{GHz})^{\wedge 0.5} &= 0.1 \\ (0.39 \text{ mW}) / 5\text{mm} * (2.470\text{GHz})^{\wedge 0.5} &= 0.1 \end{aligned}$$

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

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

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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