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

According to KDB 447498 section 4.3.1 b)2), the 1-g SAR test exclusion thresholds at test separation distance  $> 50$  mm are determined by:

$\{[\text{Power allowed at numeric threshold for } 50 \text{ mm in step a}]\} + [(\text{test separation distance} - 50 \text{ mm}) \cdot 10]\} \text{ mW, for } > 1500 \text{ MHz and } \leq 6 \text{ GHz}$

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

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

**WiFi:**

The max. average power of channel, including tune-up tolerance(mW) is **633.87 mW** @ **2462 MHz** (With Tune-up tolerance),

The min. test separation distance (mm) is **200 mm**,

Power allowed at numeric threshold for 50 mm @ **2462 MHz**:

$[(\text{Power allowed at numeric threshold, mW}) / (50\text{mm})] \cdot [\sqrt{f(\text{GHz})}] = 3.0$ .

So, Power allowed at numeric threshold = **95.6 mW**.

The 1-g SAR test exclusion thresholds at test separation distance **200 mm**:

$\{[\text{Power allowed at numeric threshold for } 50 \text{ mm in step a}]\} + [(\text{test separation distance} - 50 \text{ mm}) \cdot 10]\} \text{ mW}$

So, **95.6 mW + [(200 mm - 50 mm) · 10] = 1595.6 mW**

The max. average power of channel = **633.87 mW**  $< 1595.6 \text{ mW}$ .

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

**Bluetooth:**

The max. average power of channel, including tune-up tolerance(mW) is

20.61 mW @ 2480 MHz (With Tune-up tolerance),

The min. test separation distance (mm) is 200 mm,

Power allowed at numeric threshold for 50 mm @ 2480 MHz:

$$[(\text{Power allowed at numeric threshold, mW}) / (50\text{mm})] \cdot [\sqrt{f(\text{GHz})}] = 3.0.$$

So, Power allowed at numeric threshold = 95.25 mW.

The 1-g SAR test exclusion thresholds at test separation distance 200 mm:

$$\{[\text{Power allowed at numeric threshold for 50 mm in step a}] + [(\text{test separation distance} - 50 \text{ mm}) \cdot 10]\} \text{ mW}$$

$$\text{So, } 95.25 \text{ mW} + [(200 \text{ mm} - 50 \text{ mm}) \cdot 10] = 1595.25 \text{ mW}$$

The max. average power of channel = 20.61 mW < 1595.25 mW.

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

**Simultaneous Evaluation:**

The MPE evaluation is 633.87 mW +20.61 mW =654.48 mW < 1595.25 mW.

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

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