



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 dBm +/- 2dB, therefore the highest tune-up power is 3.84 dBm (2.42 mW) @ 2402 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,

$$(2.42\text{mW} / 5\text{mm}) \cdot (2.402\text{GHz}^{0.5}) = 0.8$$

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 0.8 < 3.0$

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