



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 +/- 2dB, therefore the highest tune-up power is

-2.5 dBm (0.56 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,

$(\text{1mW} / 5\text{mm}) \cdot (2.402\text{GHz})^{0.5} = 0.3$

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 0.3 < 3.0$

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