

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 4.5 dBm +/- 1dB, therefore the highest tune-up power is

5.50 dBm (3.55 mW) @ 2408 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,

$$[(3.55 \text{ mW}) / 5\text{mm}] * [2.408\text{GHz}^{0.5}] = 1.1$$

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [f(\text{GHz})] = 1.1 < 3.0$

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