

FCC ID: SH6MDBT50

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 8.98 dBm +/- 0dB, therefore the highest tune-up power is 8.98 dBm (7.91 mW) @ 2442 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,

$(7.91\text{mW} / 5\text{mm}) \cdot (2.442\text{GHz}^{0.5}) = 2.5$

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 2.5 < 3.0$

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

Note:

1. The tune up power referred the AVG power of the test report T200824W10-RP for SAR test exclusion purpose.