

FCC ID: 2ARB9-GPT-TX

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 19.5 dBm, therefore the highest tune-up power is 19.5 dBm (89.13 mW) @ 924.5 MHz

Since the duty cycle: 2.6%. So, $89.13\text{mW} \cdot 0.026 = 2.32$ mW

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,

$$(2.32\text{mW} / 5\text{mm}) \cdot (0.9245\text{GHz}^{0.5}) = 0.45$$

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] = 0.45 < 3.0$$

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 T200923W01-RP for SAR test exclusion purpose.