

Model: 13117

FCC ID: 2AEAC-PPG042

IC ID: 12388A-PPG042

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* $\leq 50\text{mm}$ as per KDB 447498 paragraph 4.3.1 subparagraph 1)

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

where: $f(\text{GHz})$ is the RF channel transmit frequency in GHz.

Using worst case values as parameters:

$$(\text{max. power of channel, including tune-up tolerance, mW}) = 3.5\text{dBm} = 2.2\text{mW}$$

$$(\text{min. test separation distance, mm}) = 5\text{mm}$$

$$f = 2.402\text{GHz}$$

$$[(2.2\text{mW})/(5\text{mm})] \cdot [\sqrt{2.402\text{GHz}}] = 0.682 \approx 0.7 \leq 3.0$$

SAR Exclusion Threshold condition is met.