

## SAR TEST EXCLUSION

This device, FCC ID: MG3-3050, is excluded from SAR testing by the following justification. The maximum power that the transmitter IC is capable of is 1 mW. By using the following formula from section 4.3.1 of KDB 447498:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR

and using the minimum test separation distance of 5 mm, the resulting calculated SAR value is:

$$(1 \text{ mW})/5 \text{ mm}) * (\sqrt{2.48 \text{ GHz}}) = 0.31$$

This value is below the exclusion threshold for both the 1-g SAR and 10-g extremity SAR requirements.