

SAR TEST EXCLUSION

This device, FCC ID: 2AAJWSRK527, 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:

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

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

$$(1 \text{ mW}) / 5 \text{ mm} * (\sqrt{2.4 \text{ GHz}}) = 0.3$$

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