

**\* Standalone SAR test exclusion considerations**

- Min. transmitting frequency = 2402 MHz
- Min. test separation distance = 5 mm
- Max. Power with tune-up tolerance = -4.01 dBm = 0.40 mW  
(Measured power -4.51 dBm ± 0.5dB)

Step 1)

SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance ≤ 50 mm = **Used**

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

$$= [ -4.01 / 5 ] * [ \sqrt{2.402} ] = 0.123 \leq 3, \text{ for 1g SAR}$$

**Thus, SAR for this device is not required.**

Step 2)

SAR Test exclusion thresholds for 100MHz to 1500MHz at test separation distance > 50 mm = **N/A**

$$[\text{Threshold at 50mm in step 1}] + (\text{test separation distance} - 50 \text{ mm}) * (\sqrt{f(\text{MHz})}/150) \text{ mW}$$

Step 3)

SAR Test exclusion thresholds for 1500MHz to 6GHz at test separation distance > 50 mm = **N/A**

$$[\text{Threshold at 50mm in step 1}] + (\text{test separation distance} - 50 \text{ mm}) * 10 \text{ mW}$$