

*** Standalone SAR test exclusion considerations**

- Min. transmitting frequency = 2405 MHz
- Min. test separation distance = 3 mm
- Max. Power with tune-up tolerance = 1.49 dBm = 1.41 mW
(Measured power 1.60 dBm $\pm$ 0.5dB)

Step 1)

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

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

$$= [1.41 / 10] * [\sqrt{2.405}] = 0.7285 \leq 3, \text{ for 1g SAR}$$

Thus, SAR for this device is not required.

Step 2)

SAR Test exclusion thresholds for 100 MHz to 1500 MHz 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 1500 MHz to 6 GHz at test separation distance > 50 mm = **N/A**

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