

## \* Standalone SAR test exclusion considerations

- Min. transmitting frequency = 2402 MHz  
- Min. test separation distance = 5 mm  
- Max. Power with tune-up tolerance = 7.73 dBm = 5.9293 mW  
(Measured Maximum power(Frame Average Output Power) = 7.23 dBm ± 0.5dB)

Step 1)

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

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

$= [ 5.9293 / 5 ] * [\sqrt{2.402}] = 1.8379 \leq 3$ , 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**

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