

## \* Standalone SAR test exclusion considerations

- Min. transmitting frequency = 2402 MHz  
- Min. test separation distance = 5 mm  
-Max. Power with tune-up tolerance = 0.43 dBm = 1.1041 mW  
(Measured Maximum power(Frame Average Output Power) = -0.07 dBm ± 0.5dB)

Step 1)

SAR Test exclusion thresholds for 100MHz to 6GHz at test separation distance  $\leq$  50 mm = **Used**  
[(max.power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] \* [ $\sqrt{f(\text{GHz})}$ ]

$$= [1.1041 / 5] * [\sqrt{2.402}] = 0.3422 \leq 3, \text{ for } 1\text{g SAR}$$

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

Step 3)

SAR Test exclusion thresholds for 1500MHz to 6GHz at test separation distance  $>$  50 mm = **N/A**  
[Threshold at 50mm in step 1) + (test separation distance - 50 mm) \* 10] mW