

*** Standalone SAR test exclusion considerations**

- Min. transmitting frequency = 2412 MHz
 - Min. test separation distance = 15 mm
 - Max. Power with tune-up tolerance = 13.17 dBm = 20.75 mW
 (Measured power 12.67 dBm ± 0.5dB)

Step 1)

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

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

$$= [20.75 / 15] * [\sqrt{2.412}] = 2.1483 \leq 3, \text{ for 1g SAR}$$

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**

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