

* Standalone SAR test exclusion considerations

- Min. transmitting frequency = 2403 MHz
- Min. test separation distance = 5 mm
- Max. Power with tune-up tolerance = -24.46 dBm = 0.0036 mW
(Measured Maximum power(Frame Average Output Power) = -24.96 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)] * [$\sqrt{f(\text{GHz})}$]

$$= [0.0036 / 5] * [\sqrt{2.403}] = 0.0012 \leq 3, \text{ for } 1\text{g SAR}$$

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