

## Standalone SAR test exclusion considerations

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- Min. transmitting frequency = 2480 MHz
- Min. test separation distance = 39.8 mm
- Max. power with turn-up tolerance = 10.50 dBm = 12 mW
  - Maximum Typical Power : 10.50 dBm
  - Measured Average Power: 10.04 dBm

**Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separation distances  $\leq$  50 mm = **Used****

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

=  $[ 12.00 / 39.8 ] \cdot [ \sqrt{ 2.48 } ]$

= **0.47**  $\leq 3$ , for 1g SAR

[Thus SAR for this device is not required.](#)

**Step 2-1) SAR test exclusion thresholds for 100MHz to 1500MHz at test separation distances  $>$  50 mm = **N/A****

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

**Step 2-2) SAR test exclusion thresholds for 1500MHz to 6GHz at test separation distances  $>$  50 mm = **N/A****

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