

Standalone SAR test exclusion considerations

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- Min. transmitting frequency = 2480 MHz

 Min. test separation distance = 30 mm

 Max. power with turn-up tolerance = 9.00 dBm = 7.94 mW

 Typical Power: 6.00 dBm ± 3.00 dB

 Measured Output Power: 8.91 dBm
 - Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separation distances ≤ 50 mm = Used [(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] = [7.94 / 30] * [√ 2.48] = 0.42 ≤ 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 [Threshold at 50 mm in step 1) + (test separation distance 50 mm)·(f(MHz)/150)] mW

Step 2-2) SAR test exclusion thresholds for 1500MHz to 6GHz at test separationn distances > 50 mm = N/A [Threshold at 50 mm in step 1) + (test separation distance - 50 mm)·10] mW