

## Standalone SAR test exclusion considerations

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- Min. transmitting frequency = 2480 MHz
   Min. test separation distance = 5 mm

   Max. power with turn-up tolerance = 1.50 dBm = 1.41 mW

  Measured Average Power: 1.28 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)]

    = [ 1.41 / 5 ] \* [ √ 2.48 ]

    = 0.44 ≤ 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