

Standalone SAR test exclusion considerations

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- Device category = \square Portable device \square Movile device
- Transmitting mode =

✓ Single Transmitting
                                                   ☐ Simultaneous Transmitting
- Max. transmitting frequency =
                                  2462
                                          MHz
                                    200
- Min. test separation distance =
                                        mm
- Max. Antenna Gain =
                          6.419 dBi
- Max. power with turn-up tolerance = 13.58 dBm = 22.9 mW ( Typical Power =
                                                                                           Max. 13.58 dBm )
Note. Max. Antenna gain = Directional Gain
       Typical Power = Sum Power(Target power of ANT 1 + Target power of ANT 2)
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KDB 447498 D01 clasue 4.3.1 Step 2-2) SAR test exclusion thresholds for 1500MHz to 6GHz at test separationn distances > 50 mm

[Threshold at 50 mm + (test separation distance - 50 mm) X 10] mW

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= [ 0.18 + ( 200mm - 50mm X 10 ) ] = 1500.2
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Note. The calculation result was rounded to one decimal place for comparison.

→ SAR evaluation for general population exposure conditions by measurement or numerical simulation is not required.

Maximum Permissible Exposure(MPE) evaluation for mobile device

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S = P G / (4 R^2 \pi), mW/cm<sup>2</sup>
S = Maximum power density
P = Maximum power with turn-up tolerance
R = Distance from transmitting antenna
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Conclusion: The exposure condition of this device is compliant with FCC rules.

The limit for maximum permissible exposure = 1.000000 mW/cm²