

Standalone SAR test exclusion considerations

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- Device category = ☑ Portable device ☐ Mobile device
- Transmitting mode = ☑ Single Transmitting ☐ Simultaneous Transmitting
- Max. transmitting frequency = ② 919 MHz
- Min. test separation distance = ② mm
- Max. Antenna Gain = ③ dBi
- Max. power with turn-up tolerance = 15.50 dBm = 35.5 mW (Typical Power = Max. 15.50 dBm)

Note. The max power includes a correction factor of 10log(0.4) to cover an operational duty factor of 40% as the device will transmit a maximum of 3 transmit packets of 223ms each followed by 1000ms in receive only mode

KDB 447498 D01 clasue 4.3.1 Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separationn distances ≤ 50 mm

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] \cdot [$\sqrt{f(GHz)}$] \leq 3.0 for 1g SAR and \leq 7.5 for 10g extremity SAR = [(35.5mW / 5mm)] X [$\sqrt{0.919GHz}$] = 6.8

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.