



Standalone SAR test exclusion considerations

July 14, 2020

- Device category = Portable device Mobile device
- Transmitting mode = Single Transmitting Simultaneous Transmitting
- Max. transmitting frequency = 2402 MHz
- Min. test separation distance = 0 mm
- Max. Antenna Gain = -0.84 dBi
- Max. power with turn-up tolerance = -4.00 dBm = 0.4 mW (Typical Power = Max. -4.00 dBm)

Note. Max. power with turn-up tolerance was used the highest value in low/mid/high channels.

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

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] · [$\sqrt{f(\text{GHz})}$] ≤ 3.0 for 1g SAR and ≤ 7.5 for 10g extremity SAR
= [(0.4mW / 5mm)] X [$\sqrt{2.402\text{GHz}}$] = 0.1

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.