

Standalone SAR test exclusion considerations

March 30, 2018

- Device category = Portable device Mobile device
- Transmitting mode = Single Transmitting Simultaneous Transmitting
- Max. transmitting frequency = 2480 MHz
- Min. test separation distance = 5 mm
- Max. Antenna Gain = 0.48 dBi
- Max. power with turn-up tolerance = 7.50 dBm = 5.7 mW (Typical Power = Max. 7.50 dBm)

Note. For max.tune-up power, please refer to the opeation description.

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)] · [√f(GHz)] ≤ 3.0 for 1g SAR and ≤ 7.5 for 10g extremity SAR
 = [(5.7mW / 5mm)] X [√2.48GHz] = 1.8

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.