

Standalone SAR test exclusion considerations (BT)

July 10, 2018

- Device category = ☒ Portable device ☐ Mobile device
- Transmitting mode = ☒ Single Transmitting ☐ Simultaneous Transmitting
- Max. transmitting frequency = 2441 MHz
- Min. test separation distance = 5 mm
- Max. Antenna Gain = 1.99 dBi
- Max. power with turn-up tolerance = 0.00 dBm = 1.0 mW (Typical Power = Range: -1.00 dBm ± 1.00 dB

Note. Please refer to the operation description for Max.tune-up power.

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)] · [√f(GHz)] ≤ 3.0 for 1g SAR and ≤ 7.5 for 10g extremity SAR
= [(1mW / 5mm)] X [√2.441GHz] = 0.3

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.