

Standalone SAR test exclusion considerations

September 30, 2014

- Device category = Portable device Mobile device
- Max. transmitting frequency = **2475** MHz
- Min. test separation distance = **0** mm
- Max. power with turn-up tolerance = **3.00** dBm = **2.0** mW
Typical Power = **Max. 3.00** dBm
- Max. Antenna Gain = **-0.99** dBi

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

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] \cdot [$\sqrt{f(\text{GHz})}$] \leq 3.0 for 1g SAR and \leq 7.5 for 10g extremity SAR
= [(2mW / 5mm)] X [$\sqrt{2.475\text{GHz}}$] = 0.6

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.***