July 10 2019

## Standalone SAR test exclusion considerations (BT)

	July 10, 2010
- 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 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

## = [ ( 1mW / 5mm ) ] X [ $\sqrt{2.441GHz}$ ] = 0.3

Note. The calculation result was rounded to one decimal place for comparison.

 $\rightarrow$  SAR evaluation for general population exposure conditions by measurement or numerical simulation is not required.