



## Standalone SAR test exclusion considerations

November 17, 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 = -12.00 dBm = 0.1 mW ( Typical Power = Max. -12.00 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 $\leq$ 50 mm

[ ( max. power of channel, including tune-up tolerance, mW ) / ( min. test separation distance, mm ) ] · [  $\sqrt{f(\text{GHz})}$  ]  $\leq$  3.0 for 1g SAR and  $\leq$  7.5 for 10g extremity SAR  
= [ ( 0.1mW / 5mm ) ] X [  $\sqrt{2.402\text{GHz}}$  ] = 0

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.**