

## Standalone SAR test exclusion considerations

May 2, 2016

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☐ Mobile device
- Transmitting mode =

☑ Single Transmitting
                                             ☐ Simultaneous Transmitting
- Max. transmitting frequency =
                              2480
                                     MHz
- Min. test separation distance =
                                     mm
- Max. Antenna Gain =
                        1.99
                             dBi
- Max. power with turn-up tolerance = -15.00 dBm = 0.032 mW ( Typical Power =
                                                                                Max. -15.00 dBm
Note. BT LE(1Mbps)
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## 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 = [ ( 0.032mW / 5mm ) ] X [  $\sqrt{2.48GHz}$  ] = 0.01

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.