

## Standalone SAR test exclusion considerations

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RF feature	Mode	Transmitting Frequency(MHz)	Test separation distance (mm)	ANT Gain (dBi)	Max. power with tune-up tolerance (dBm) <sup>Note1</sup>	Max. power with tune-up tolerance (mW)	Power thresholds	SAR test exclusion thresholds
BT	BLE(1Mbps)	2480.00	5.0	0.60	8.38	6.8865	2.17	3.00

Note1. Please refer to the user manual on page 6.(Max tune-up power)

### KDB 447498 D01 clause 4.3.1 Step 1) SAR test exclusion thresholds for 100MHz to 6GHz at test separationn distances ≤ 50 mm

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

#### Sample Calculation

$$= [ ( 6.8865\text{mW} / 5\text{mm} ) ] \times [ \sqrt{2.48\text{GHz}} ] = 2.17$$

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

**Conclusion : SAR evaluation for general population exposure conditions by measurement or numerical simulation is not required**