

Standalone SAR test exclusion considerations: **BT**

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RF feaature	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	BDR(1Mbps)	2480.00	5.0	-1.10	6.00	3.9811	1.25	3.00
BT	EDR(2,3Mbps)	2480.00	5.0	-1.10	3.00	1.9953	0.63	3.00

Note1. Please refer to the operation description for Max tune-up.

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

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

$$= [ ( 3.9811\text{mW} / 5\text{mm} ) ] \times [ \sqrt{2.48\text{GHz}} ] = 1.25$$

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**