

Standalone SAR test exclusion considerations: **BLE**

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RF feature	Mode	Transmitting Frequency(MHz)	Test separation distance (mm)	ANT Gain (dBi)	Max. power with tune-up tolerance (dBm) ^{Note1}	Max. power with tune-up tolerance (mW)	Power thresholds	SAR test exclusion thresholds
BLE	1Mbps	2480.00	5.0	0.06	-15.00	0.0316	0.01	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 separation distances \leq 50 mm[(max. power of channel, including tune-up tolerance, mW) / (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**

$$= [(0.0316\text{mW} / 5\text{mm})] \times [\sqrt{2.48\text{GHz}}] = 0.01$$

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