

## Standalone SAR test exclusion considerations: BT

Date: September 30, 2019

RF feature	Mode	Transmitting Frequency(MHz)	Test separation distance (mm) <sup>Note2</sup>	ANT Gain (dBi)	Max. power with tune-up tolerance (dBm) <sup>Note1</sup>	Max. power with tune-up tolerance (mW)	Power thresholds (mW)	SAR test exclusion thresholds(mW) at separation distance of 50 mm
BT	BDR(1Mbps)	2480.00	54.3	-0.21	16.00	39.8107	44.20	95.56
BT	EDR(2,3Mbps)	2480.00	54.3	-0.21	5.00	3.1623	43.10	95.56

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

Note2. The minimum separation distance between antenna and user is 54.3mm. Please refer to the attestation letter.

**KDB 447498 D01 clause 4.3.1 Step 2-2) SAR test exclusion thresholds for 1500MHz to 6GHz at test separation distances > 50 mm**

[ Threshold at 50 mm + ( test separation distance - 50 mm ) X 10 ] mW

**Sample Calculation**

$$= [ 1.15 + ( 54.3\text{mm} - 50\text{mm} \times 10 ) ] = 44.2$$

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**