FCC ID: 2AKC4-IT21B

Portable device

According to §15.247(e)(i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.
According to KDB447498 D01 General RF Exposure Guidance V05
The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] * [√ f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where
f(GHz) is the RF channel transmit frequency in GHz;
Power and distance are rounded to the nearest mW and mm before calculation;
The result is rounded to one decimal place for comparison;
The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.
We use 5mm as separation distance to calculated.

Bluetooth DSS:

Transmit Frequency (GHz)	Mode	Measured Power (dBm)	Tune-up power (dBm)	Max tune-up power(dBm)	Result calculation	1g SAR
2.402	GFSK	6.322	6±1	7	1.5535	3
2.441		6.815	6±1	7	1.5661	3
2.48		5.633	6±1	7	1.5785	3
2.402	π/4-DQPSK	7.181	7±1	8	1.9558	3
2.441		7.653	7±1	8	1.9716	3
2.48		6.651	7±1	8	1.9873	3
2.402	8DPSK	7.335	7±1	8	1.9558	3
2.441		7.58	7±1	8	1.9716	3
2.48		6.683	7±1	8	1.9873	3

Bluetooth DTS:

Transmit Frequency (GHz)	Mode	Measured Power (dBm)	Tune-up power (dBm)	Max tune-up power(dBm)	Result calculation	1g SAR
2.402	GFSK	-1.837	-2.5±1	-1.5	0.2194	3
2.440		-2.029	-2.5±1	-1.5	0.2212	3
2.48		-3.141	-2.5±1	-1.5	0.2230	3

Conclusion:
For the max result : 1.9873≤ 3.0 for 1g SAR, No SAR is required.

Signature: **Date:** 2016-12-27

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