FCC ID: 2ACPUA844

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.
Maximum measured transmitter power:
Bluetooth4.0 DSS:

Transmit Frequency (GHz)	Mode	Max Conducted Power (dBm)	Result calculation	1-g SAR
2.402	GFSK	0.68	0.3625	3.00
2.441	GFSK	4.02	0.7885	3.00
2.480	GFSK	4.42	0.8715	3.00
2.402	π/4-DQPSK	-2.14	0.1894	3.00
2.441	π/4-DQPSK	1.30	0.4215	3.00
2.480	π/4-DQPSK	1.82	0.4789	3.00
2.402	8-DPSK	-1.72	0.2086	3.00
2.441	8-DPSK	0.74	0.3705	3.00
2.480	8-DPSK	2.21	0.5239	3.00

Bluetooth4.0 DTS:

Transmit Frequency (GHz)	Mode	Max Conducted Power (dBm)	Result calculation	1-g SAR
2.402	GFSK	-2.99	0.1557	3.00
2.441	GFSK	0.65	0.3629	3.00
2.480	GFSK	1.04	0.4002	3.00

Conclusion:
For the max result 0.87≤ 3.0 for 1-g SAR extremity SAR, No SAR is required.

Sincerely,

Signature
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