

FCC ID: 2BK5Y-JD-668

Portable device

According to 47 CFR, Part2.1093 and 47 CFR, Part1.1307, 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 V06

The 1-g SAR and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

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

- $f(\text{GHz})$ 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

When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

BREDR:

Antenna Type: PCB Antenna

Antenna Gain: -4.73dBi

Modulation	Channel Freq. (GHz)	Conduct ed power (dBm)	Conducte d power (mW)	Tune-up power (dBm)	Max tune-up power (dBm)	Max tune-up power (mW)	Distance (mm)	Result calculation	SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	0.34	1.08	0±1	1	1.26	<5	0.39023	3.00	YES
	2.441	0.43	1.10	0±1	1	1.26	<5	0.39338	3.00	YES
	2.480	-0.38	0.92	-1±1	0	1.00	<5	0.31496	3.00	YES
π/4-DQPSK	2.402	-2.34	0.58	-2±1	-1	0.79	<5	0.24622	3.00	YES
	2.441	-0.87	0.82	-1±1	0	1.00	<5	0.31247	3.00	YES
	2.480	-2.88	0.52	-3±1	-2	0.63	<5	0.19873	3.00	YES
8-DPSK	2.402	-1.07	0.78	-1±1	0	1.00	<5	0.30997	3.00	YES
	2.441	-2.07	0.62	-2±1	-1	0.79	<5	0.24821	3.00	YES
	2.480	-1.65	0.68	-2±1	-1	0.79	<5	0.25018	3.00	YES

BLE:

Antenna Type: PCB Antenna

Antenna Gain: -4.73dBi

Modulation	Channel Freq. (GHz)	Conduct ed power (dBm)	Conducte d power (mW)	Tune-up power (dBm)	Max tune-up power (dBm)	Max tune-up power (mW)	Distance (mm)	Result calculation	1g SAR Exclusion threshold	SAR test exclusion
BLE 1M	2.402	-2.61	0.55	-3±1	-2	0.63	<5	0.19558	3.00	YES
	2.440	-1.63	0.69	-2±1	-1	0.79	<5	0.24816	3.00	YES
	2.480	-2.3	0.59	-2±1	-2	0.63	<5	0.19873	3.00	YES

Conclusion:

For the max result: $0.3934 \leq 3.0$ for 1-g SAR, No SAR is required.

Signature: 

Date: 2026-08-17

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