

FCC ID: 2AJOT-BH605L

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 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.

BT:

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	2.408	1.74	2±1	3	2.00	<5	0.61847	3.00	YES
	2.441	2.133	1.63	2±1	3	2.00	<5	0.62347	3.00	YES
	2.480	2.647	1.84	2±1	3	2.00	<5	0.62843	3.00	YES
π/4-DQPSK	2.402	4.806	3.02	5±1	6	3.98	<5	1.23400	3.00	YES
	2.441	4.582	2.87	5±1	6	3.98	<5	1.24398	3.00	YES
	2.480	5.008	3.17	5±1	6	3.98	<5	1.25388	3.00	YES
8-DPSK	2.402	5.299	3.39	5±1	6	3.98	<5	1.23400	3.00	YES
	2.441	4.974	3.14	5±1	6	3.98	<5	1.24398	3.00	YES
	2.480	5.459	3.51	5±1	6	3.98	<5	1.25388	3.00	YES

BLE:

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	2.647	1.84	2±1	3	2.00	<5	0.61847	3.00	YES
	2.44	2.284	1.69	2±1	3	2.00	<5	0.62334	3.00	YES
	2.480	2.75	1.88	2±1	3	2.00	<5	0.62843	3.00	YES

Conclusion:

For the max result : $1.25388\text{W/Kg} \leq 3.0$ for 1g SAR, No SAR is required.

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Signature:

Date: 2019-10-08

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