FCC ID: 2A7DR-BTH17V3

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:

[(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

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

BR+EDR:

Antenna Type: Cable Antenna Antenna Gain: -0.5 dBi

Modulation	Channel Freq. (GHz)	Conducted power (dBm)	Conducted 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
GFSK	2.402	-4.86	0.327	-4±1	-3.0	0.501	<5	0.155	3.00	YES
	2.441	-5.54	0.279	-6±1	-5.0	0.316	<5	0.099	3.00	YES
	2.480	-6.59	0.219	-6±1	-5.0	0.316	<5	0.100	3.00	YES
π/4-DQPSK	2.402	-3.85	0.412	-4±1	-3.0	0.501	<5	0.155	3.00	YES
	2.441	-4.76	0.334	-4±1	-3.0	0.501	<5	0.157	3.00	YES
	2.480	-5.55	0.279	-5±1	-4.0	0.398	<5	0.125	3.00	YES
8DPSK	2.402	-3.68	0.429	-4.5±1	-3.5	0.447	<5	0.138	3.00	YES
	2.441	-4.72	0.337	-4.5±1	-3.5	0.447	<5	0.140	3.00	YES
	2.480	-5.33	0.293	-4.5±1	-3.5	0.447	<5	0.141	3.00	YES

Conclusion:

For the max result : 0.157≤ 3.0 for 1-g SAR, No SAR is required.

Signature: **Date:** 2023-01-13

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