

**FCC ID: Z63-M1B092**

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  $\leq 7.5$  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: PCB Antenna

Antenna Gain: 1 dBi

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 calculatio n	1g SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	3.18	2.080	4±1	5.0	3.162	<5	0.98020	3.00	YES
	2.441	4.55	2.851	4±1	5.0	3.162	<5	0.98813	3.00	YES
	2.480	3.54	2.259	4±1	5.0	3.162	<5	0.99599	3.00	YES
π/4-DQPSK	2.402	4.7	2.951	5±1	6.0	3.981	<5	1.23400	3.00	YES
	2.441	6.11	4.083	6±1	7.0	5.012	<5	1.56608	3.00	YES
	2.480	5.02	3.177	5±1	6.0	3.981	<5	1.25388	3.00	YES
8DPSK	2.402	4.76	2.992	5±1	6.0	3.981	<5	1.23400	3.00	YES
	2.441	6.25	4.217	6±1	7.0	5.012	<5	1.56608	3.00	YES
	2.480	4.85	3.055	5±1	6.0	3.981	<5	1.25388	3.00	YES

**Conclusion:**

For the max result : 1.56608 ≤ 3.0 for 1-g SAR, No SAR is required.



**Signature:**

**Date:** 2021-10-19

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