

**FCC ID:2BFDO-RC0532**

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  $\leq 50$  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:

- $f(\text{GHz})$  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
GFSK1M	2.402	6.33	4.30	6±1	7	5.01	<5	1.55352	3.00	YES
	2.441	6.42	4.39	6±1	7	5.01	<5	1.56608	3.00	YES
	2.480	6.14	4.11	6±1	7	5.01	<5	1.57854	3.00	YES
GFSK2M	2.402	6.56	4.53	6±1	7	5.01	<5	1.55352	3.00	YES
	2.441	6.48	4.45	6±1	7	5.01	<5	1.56608	3.00	YES
	2.480	6.19	4.16	6±1	7	5.01	<5	1.57854	3.00	YES

**Conclusion:**

For the max result :  $1.57854 \leq 3.0$  for 1g SAR, SAR is not required.



**Signature:**

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