

**FCC ID: 2AZ4Y-RX01**

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.

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-1M	2.402	1.792	1.51	1±1	2	1.58	<5	0.49127	3.00	YES
	2.440	1.521	1.42	1±1	2	1.58	<5	0.49514	3.00	YES
	2.480	1.129	1.30	1±1	2	1.58	<5	0.49918	3.00	YES
GFSK-2M	2.402	1.722	1.49	1±1	2	1.58	<5	0.49127	3.00	YES
	2.44	1.51	1.42	1±1	2	1.58	<5	0.49514	3.00	YES
	2.480	1.13	1.30	1±1	2	1.58	<5	0.49918	3.00	YES

**Conclusion:**

For the max result :  $0.49918 \leq 3.0$  for 1g SAR, SAR is not required.

**Signature:**

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