

**FCC ID: 2AXP2-MP23**

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.

SRD 2.4G:

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	2.9	1.95	3±1	4	2.51	<5	0.77860	3.00	YES
	2.440	3.18	2.08	3±1	4	2.51	<5	0.78474	3.00	YES
	2.480	2.93	1.96	3±1	4	2.51	<5	0.79114	3.00	YES
GFSK(2M)	2.402	2.9	1.95	3±1	4	2.51	<5	0.77860	3.00	YES
	2.440	2.53	1.79	3±1	4	2.51	<5	0.78474	3.00	YES
	2.480	2.63	1.83	3±1	4	2.51	<5	0.79114	3.00	YES

**Conclusion:**

For the max result :  $0.79114 \leq 3.0$  for 1g SAR, SAR is not required.

**Signature:**

**Date:** 5/25/2023

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