FCC ID: 2BA4J-ZHD312R

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.

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	SAR Exclusion threshold	SAR test exclusion
802.11b	2.412	7.92	6.19	8.5±1	9.5	8.91	<5	2.76834	3.00	YES
	2.437	8.4	6.92	8.5±1	9.5	8.91	<5	2.78264	3.00	YES
	2.462	8.22	6.64	8.5±1	9.5	8.91	<5	2.79688	3.00	YES
802.11g	2.412	7.6	5.75	8±1	9	7.94	<5	2.46728	3.00	YES
	2.437	7.57	5.71	8±1	9	7.94	<5	2.48003	3.00	YES
	2.462	7.48	5.60	8±1	9	7.94	<5	2.49272	3.00	YES
802.11n H20	2.412	7.52	5.65	8±1	9	7.94	<5	2.46728	3.00	YES
	2.437	7.71	5.90	8±1	9	7.94	<5	2.48003	3.00	YES
	2.462	7.68	5.86	8±1	9	7.94	<5	2.49272	3.00	YES
802.11n H40	2.412	7.32	5.40	8±1	9	7.94	<5	2.46728	3.00	YES
	2.437	7.69	5.87	8±1	9	7.94	<5	2.48003	3.00	YES
	2.462	7.56	5.70	8±1	9	7.94	<5	2.49272	3.00	YES
BLE 1M	2.402	-3.9	0.41	-4.5±1	5.5	3.55	<5	1.09981	3.00	YES
	2.440	-4.56	0.35	-4.5±1	6.5	4.47	<5	1.39548	3.00	YES
	2.480	-5.9	0.26	-5.5±1	6.5	4.47	<5	1.40688	3.00	YES
BLE 2M	2.402	-4.06	0.39	-4.5±1	5.5	3.55	<5	1.09981	3.00	YES
	2.440	-4.65	0.34	-4.5±1	6.5	4.47	<5	1.39548	3.00	YES
	2.480	-5.96	0.25	-5.5±1	6.5	4.47	<5	1.40688	3.00	YES

Conclusion:
For the max result : 2.79688≤3.0 for 1g SAR, SAR is not required.

Signature: **Date:** 2024-08-20

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