FCC ID: 2AKU5ZG14
Portable device

According to §15.247(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 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;
The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.
We use 5mm as separation distance to calculate.

Maximum measured transmitter power:

WIFI 2.4G:

Transmit Frequency (GHz)	Mode	peak conducted output power (dBm)	tune up maximum power	Result calculation	1-g SAR
2412	802.11b	8.32	9	2.4673	3
2437	802.11b	7.81	8	1.9700	3
2462	802.11b	8.08	9	2.4927	3
2412	802.11g	7.81	8	1.9598	3
2437	802.11g	7.00	8	1.9700	3
2462	802.11g	7.07	8	1.9800	3
2412	802.11n(HT20)	7.55	8	1.9598	3
2437	802.11n(HT20)	7.61	8	1.9700	3
2462	802.11n(HT20)	8.04	9	2.4927	3
2422	802.11n(HT40)	8.55	9	2.4724	3
2437	802.11n(HT40)	7.13	8	1.9700	3
2452	802.11n(HT40)	8.13	9	2.4877	3

Conclusion:
For the max result : 2.4927 ≤ 3.0 for 1-g SAR extremity SAR, No SAR is required.

Signature:  **Date:** 2022.11.18

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