

FCC ID: 2AW9M-TP901
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 ≤ 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.

2.4G WIFI:

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 calculatio n	SAR Exclusion threshold	SAR test exclusion
802.11b	2.412	8.89	7.75	8.5±1	9.50	8.91	<5	2.76834	3.00	YES
	2.437	8.60	7.24	8.5±1	9.50	8.91	<5	2.78264	3.00	YES
	2.462	8.41	6.93	8±1	9.00	7.94	<5	2.49272	3.00	YES
802.11g	2.412	7.77	5.98	7.5±1	8.50	7.08	<5	2.19897	3.00	YES
	2.437	7.65	5.83	7.5±1	8.50	7.08	<5	2.21033	3.00	YES
	2.462	7.69	5.88	7.5±1	8.50	7.08	<5	2.22164	3.00	YES
802.11n20	2.412	6.91	4.91	6.5±1	7.50	5.62	<5	1.74670	3.00	YES
	2.437	6.80	4.78	6.5±1	7.50	5.62	<5	1.75573	3.00	YES
	2.462	6.90	4.89	6.5±1	7.50	5.62	<5	1.76471	3.00	YES
802.11n40	2.422	5.71	3.72	5.5±1	6.50	4.47	<5	1.39033	3.00	YES
	2.437	5.65	3.67	5.5±1	6.50	4.47	<5	1.39463	3.00	YES
	2.452	5.59	3.62	5.5±1	6.50	4.47	<5	1.39891	3.00	YES

Conclusion:

For the max result : $2.78264\text{W/Kg} \leq \text{FCC Limit } 3.0$ for 1g SAR.

The Product unsupported at the same time to Transmitting.