

FCC ID: 2AYJD-DZ2103**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.

WiFi:

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	
2.412	7.339	5.42	7±0.5	7.50	5.62	<5	1.74670	3.00	YES	
2.437	7.337	5.42	7±0.5	7.50	5.62	<5	1.75573	3.00	YES	
2.462	7.811	6.04	7.5±0.5	8.00	6.31	<5	1.98004	3.00	YES	
2.412	6.464	4.43	6±0.5	6.50	4.47	<5	1.38745	3.00	YES	
2.437	6.545	4.51	7±0.5	7.50	5.62	<5	1.75573	3.00	YES	
2.462	6.95	4.95	7±0.5	7.50	5.62	<5	1.76471	3.00	YES	
2.412	6.505	4.47	7±0.5	7.50	5.62	<5	1.74670	3.00	YES	
2.437	6.535	4.50	7±0.5	7.50	5.62	<5	1.75573	3.00	YES	
2.462	6.991	5.00	7±0.5	7.50	5.62	<5	1.76471	3.00	YES	
2.422	5.572	3.61	6±0.5	6.50	4.47	<5	1.39033	3.00	YES	
2.437	5.625	3.65	6±0.5	6.50	4.47	<5	1.39463	3.00	YES	
2.452	5.079	3.22	5±0.5	5.50	3.55	<5	1.11119	3.00	YES	

Conclusion:

For the max result : $1.98004 \leq \text{FCC Limit } 3.0$ for 1g SAR.