

**FCC ID: 2ATMO-T9**

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  $\leq 50$  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:

- $f(\text{GHz})$  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.

BT: Left

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
802.11b	2.412	9.52	8.95	8.6±1	9.6	9.12	<5	2.83282	3.00	YES
	2.437	9.45	8.81	8.6±1	9.6	9.12	<5	2.84746	3.00	YES
	2.462	9.15	8.22	8.6±1	9.6	9.12	<5	2.86203	3.00	YES
802.11g	2.412	9.33	8.57	8.5±1	9.5	8.91	<5	2.76834	3.00	YES
	2.437	9.15	8.22	8.5±1	9.5	8.91	<5	2.78264	3.00	YES
	2.462	9.06	8.05	8.5±1	9.5	8.91	<5	2.79688	3.00	YES
802.11n20	2.412	9.32	8.55	8.5±1	9.5	8.91	<5	2.76834	3.00	YES
	2.437	9.23	8.38	8.5±1	9.5	8.91	<5	2.78264	3.00	YES
	2.462	9.16	8.24	8.5±1	9.5	8.91	<5	2.79688	3.00	YES

**Conclusion:**

For the max result : 2.83282W/Kg  $\leq 3.0$  for 1g SAR, No SAR is required.



**Signature:**

**Date:** 2019-06-06

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