FCC ID: 2AYBY-MS2

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	2.462	8.58	7.21	8±1	9.00	7.94	<5	2.49272	3.00	YES
802.11g	2.462	7.59	5.74	7±1	8.00	6.31	<5	1.98004	3.00	YES
802.11n20	2.462	6.63	4.60	6±1	7.00	5.01	<5	1.57280	3.00	YES
802.11n40	2.452	5.64	3.66	5±1	6.00	3.98	<5	1.24678	3.00	YES

Conclusion:
For the max result :2.49272＜3.0, the SAR testing is not required.