FCC ID: 2ANDX-CS20C

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.

WiFi:

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	2.412	12.77	18.92	12±1	13	19.95	<5	6.19753	7.50	YES
	2.437	12.12	16.29	12±1	13	19.95	<5	6.22957	7.50	YES
	2.462	12.57	18.07	12±1	13	19.95	<5	6.26144	7.50	YES
802.11g	2.412	11.25	13.34	11±1	12	15.85	<5	4.92287	7.50	YES
	2.437	10.21	10.50	10±1	11	12.59	<5	3.93059	7.50	YES
	2.462	8.28	6.73	8±1	9	7.94	<5	2.49272	7.50	YES
802.11n20	2.412	11.17	13.09	11±1	12	15.85	<5	4.92287	7.50	YES
	2.437	10.13	10.30	10±1	11	12.59	<5	3.93059	7.50	YES
	2.462	9.34	8.59	9±1	10	10.00	<5	3.13815	7.50	YES

BLE:

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
GFSK	2.402	-4.111	0.39	-4±1	-3	0.50	<5	0.15535	7.50	YES
	2.440	-3.385	0.46	-4±1	-3	0.50	<5	0.15658	7.50	YES
	2.480	-4.026	0.40	-4±1	-3	0.50	<5	0.15785	7.50	YES

Conclusion:
For the max result : 6.26144 ≤ 7.5 for 10-g SAR, No SAR is required.

Signature: **Date:** 2019-10-26

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