FCC ID: 2AZUR-P1

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.

BT:

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	5.474	3.53	5±1	6	3.98	<5	1.23400	3.00	YES
	2.441	4.393	2.75	5±1	6	3.98	<5	1.24398	3.00	YES
	2.480	5.294	3.38	5±1	6	3.98	<5	1.25388	3.00	YES
π/4-DQPSK	2.402	5.534	3.58	5±1	6	3.98	<5	1.23400	3.00	YES
	2.441	4.521	2.83	5±1	6	3.98	<5	1.24398	3.00	YES
	2.480	5.355	3.43	5±1	6	3.98	<5	1.25388	3.00	YES
8-DQPSK	2.402	5.924	3.91	5±1	6	3.98	<5	1.23400	3.00	YES
	2.441	4.885	3.08	5±1	6	3.98	<5	1.24398	3.00	YES
	2.480	5.734	3.74	5±1	6	3.98	<5	1.25388	3.00	YES
BLE	2.402	-2.154	0.61	-2±1	-1	0.79	<5	0.24622	3.00	YES
	2.441	-2.172	0.61	-2±1	-1	0.79	<5	0.24821	3.00	YES
	2.480	-2.326	0.59	-2±1	-1	0.79	<5	0.25018	3.00	YES

WIFI2.4G

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	9.5	8.91	8.5±1	9.5	8.91	<5	2.76834	3.00	YES
	2.437	9.43	8.77	8.5±1	9.5	8.91	<5	2.78264	3.00	YES
	2.462	9.11	8.15	8.5±1	9.5	8.91	<5	2.79688	3.00	YES
802.11g	2.412	8.3	6.76	8±1	7	5.01	<5	1.55675	3.00	YES
	2.437	8.01	6.32	8±1	7	5.01	<5	1.56480	3.00	YES
	2.462	7.91	6.18	8±1	7	5.01	<5	1.57280	3.00	YES
802.11n20	2.412	8.35	6.84	8±1	7	5.01	<5	1.55675	3.00	YES
	2.437	8.05	6.38	8±1	7	5.01	<5	1.56480	3.00	YES
	2.462	7.96	6.25	8±1	7	5.01	<5	1.57280	3.00	YES
802.11n40	2.422	8.57	7.19	8±1	-0.5	0.89	<5	0.27741	3.00	YES
	2.437	8.06	6.40	8±1	-0.5	0.89	<5	0.27826	3.00	YES
	2.452	7.96	6.25	8±1	-0.5	0.89	<5	0.27912	3.00	YES

Conclusion:
For the max result : 2.79688 ≤ 3.0 for 1g SAR, SAR is not required.

Alex

Signature: **Date:** 2021-07-07

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