



FCC ID: 2AUBC-K73

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.

BT-EDR

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	-0.23	0.95	2±1	3.00	2.00	<5	0.61847	3.00	YES
	2.441	1.21	1.32	2±1	3.00	2.00	<5	0.62347	3.00	YES
	2.480	1.41	1.38	2±1	3.00	2.00	<5	0.62843	3.00	YES
Pi/4 DQPSK	2.402	1.04	1.27	2±1	3.00	2.00	<5	0.61847	3.00	YES
	2.441	2.43	1.75	2±1	3.00	2.00	<5	0.62347	3.00	YES
	2.480	2.77	1.89	2±1	3.00	2.00	<5	0.62843	3.00	YES
8DPSK	2.402	1.35	1.36	2±1	3.00	2.00	<5	0.61847	3.00	YES
	2.441	2.66	1.85	2±1	3.00	2.00	<5	0.62347	3.00	YES
	2.480	2.84	1.92	2±1	3.00	2.00	<5	0.62843	3.00	YES

WIFI:2.4G

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	8.65	7.33	8±1	9.00	7.94	<5	2.46728	3.00	YES
	2.437	8.76	7.52	8±1	9.00	7.94	<5	2.48003	3.00	YES
	2.462	8.55	7.16	8±1	9.00	7.94	<5	2.49272	3.00	YES
802.11g	2.412	7.96	6.25	7±1	8.00	6.31	<5	1.95983	3.00	YES
	2.437	7.45	5.56	7±1	8.00	6.31	<5	1.96996	3.00	YES
	2.462	7.51	5.64	7±1	8.00	6.31	<5	1.98004	3.00	YES
802.11n20	2.412	6.87	4.86	6±1	7.00	5.01	<5	1.55675	3.00	YES
	2.437	6.74	4.72	6±1	7.00	5.01	<5	1.56480	3.00	YES
	2.462	6.59	4.56	6±1	7.00	5.01	<5	1.57280	3.00	YES
802.11n40	2.412	6.28	4.25	6±1	7.00	5.01	<5	1.55675	3.00	YES
	2.437	6.54	4.51	6±1	7.00	5.01	<5	1.56480	3.00	YES
	2.452	6.37	4.34	6±1	7.00	5.01	<5	1.56960	3.00	YES



倍测检测
BCTC TEST

Shenzhen BCTC Testing Co., Ltd.

Conclusion:

For the max result : $2.49272\text{W/Kg} \leq \text{FCC Limit } 3.0 \text{ for } 1\text{g SAR}.$