



FCC ID:2AQAZ-CQ1019

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 3.0:

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 calculatio n	SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	0.633	1.16	0±1	1.00	1.26	<5	0.39056	3.00	YES
	2.441	0.907	1.23	0±1	1.00	1.26	<5	0.39372	3.00	YES
	2.480	0.772	1.19	0±1	1.00	1.26	<5	0.39685	3.00	YES
Pi/4 DQPSK	2.402	1.285	1.34	1±1	2.00	1.58	<5	0.48975	3.00	YES
	2.441	1.576	1.44	1±1	2.00	1.58	<5	0.49371	3.00	YES
	2.480	1.391	1.38	1±1	2.00	1.58	<5	0.49764	3.00	YES
8DPSK	2.402	1.316	1.35	1±1	2.00	1.58	<5	0.48975	3.00	YES
	2.441	1.49	1.41	1±1	2.00	1.58	<5	0.49371	3.00	YES
	2.480	1.366	1.37	1±1	2.00	1.58	<5	0.49764	3.00	YES

WIFI:

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	8.346	6.83	8±1	9.00	7.94	<5	2.46626	3.00	YES
	2.437	8.204	6.61	8±1	9.00	7.94	<5	2.47901	3.00	YES
	2.462	7.95	6.24	8±1	9.00	7.94	<5	2.49169	3.00	YES
802.11g	2.412	8.039	6.37	8±1	9.00	7.94	<5	2.46626	3.00	YES
	2.437	7.741	5.94	8±1	9.00	7.94	<5	2.47901	3.00	YES
	2.462	7.509	5.64	8±1	9.00	7.94	<5	2.49169	3.00	YES
802.11n20	2.412	7.762	5.97	7±1	8.00	6.31	<5	1.95996	3.00	YES
	2.437	7.327	5.40	7±1	8.00	6.31	<5	1.97009	3.00	YES
	2.462	7.424	5.53	7±1	8.00	6.31	<5	1.98017	3.00	YES
802.11n40	2.422	6.384	4.35	6±1	7.00	5.01	<5	1.55939	3.00	YES
	2.437	6.656	4.63	6±1	7.00	5.01	<5	1.56421	3.00	YES
	2.452	6.314	4.28	6±1	7.00	5.01	<5	1.56902	3.00	YES



倍测检测
BCTC TEST

Shenzhen BCTC Testing Co., Ltd.

Conclusion:

For the max result : $2.49169\text{W/Kg} \leq \text{FCC Limit } 3.0 \text{ for } 1\text{g SAR}.$