



FCC ID: 2AVRVPBSKD7200

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:

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	-1.69	0.68	-2±1	-1.00	0.79	<5	0.24622	3.00	YES
	2.441	-1.86	0.65	-2±1	-1.00	0.79	<5	0.24821	3.00	YES
	2.480	-2.21	0.60	-3±1	-2.00	0.63	<5	0.19873	3.00	YES
Pi/4 DQPSK	2.402	-0.36	0.92	-1±1	0.00	1.00	<5	0.30997	3.00	YES
	2.441	-0.63	0.86	-1±1	0.00	1.00	<5	0.31247	3.00	YES
	2.480	-1	0.79	-2±1	-1.00	0.79	<5	0.25018	3.00	YES
8DPSK	2.402	-0.05	0.99	-1±1	0.00	1.00	<5	0.30997	3.00	YES
	2.441	-0.22	0.95	-1±1	0.00	1.00	<5	0.31247	3.00	YES
	2.480	-0.59	0.87	-1±1	0.00	1.00	<5	0.31496	3.00	YES

2.4G 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 calculatio n	SAR Exclusion threshold	SAR test exclusion
802.11b	2.412	8.67	7.36	8±1	9.00	7.94	<5	2.46728	3.00	YES
	2.437	8.98	7.91	8±1	9.00	7.94	<5	2.48003	3.00	YES
	2.462	8.91	7.78	8±1	9.00	7.94	<5	2.49272	3.00	YES
802.11g	2.412	7.25	5.31	7±1	8.00	6.31	<5	1.95983	3.00	YES
	2.437	7.89	6.15	7±1	8.00	6.31	<5	1.96996	3.00	YES
	2.462	7.96	6.25	7±1	8.00	6.31	<5	1.98004	3.00	YES
802.11n20	2.412	6.01	3.99	6±1	7.00	5.01	<5	1.55675	3.00	YES
	2.437	6.99	5.00	6±1	7.00	5.01	<5	1.56480	3.00	YES
	2.462	6.7	4.68	6±1	7.00	5.01	<5	1.57280	3.00	YES
802.11n40	2.422	4.72	2.96	4±1	5.00	3.16	<5	0.98428	3.00	YES
	2.437	5.66	3.68	5±1	6.00	3.98	<5	1.24296	3.00	YES
	2.452	5.21	3.32	5±1	6.00	3.98	<5	1.24678	3.00	YES

Conclusion:

For the max result : $2.49272 \leq$ FCC Limit 3.0 for 1g SAR.

The Product unsupported at the same time to Transmitting.