



FCC ID:2AQAA-EZBOOKX4

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	2.787	1.90	2±1	3.00	2.00	<5	0.61847	3.00	YES
	2.441	1.825	1.52	2±1	3.00	2.00	<5	0.62347	3.00	YES
	2.480	1.107	1.29	2±1	3.00	2.00	<5	0.62843	3.00	YES
Pi/4 DQPSK	2.402	-0.694	0.85	-1±1	0.00	1.00	<5	0.30997	3.00	YES
	2.441	-1.725	0.67	-1±1	0.00	1.00	<5	0.31247	3.00	YES
	2.480	-2.46	0.57	-2±1	-1.00	0.79	<5	0.25018	3.00	YES
8DPSK	2.402	-0.498	0.89	-1±1	0.00	1.00	<5	0.30997	3.00	YES
	2.441	-1.528	0.70	-1±1	0.00	1.00	<5	0.31247	3.00	YES
	2.480	-2.347	0.58	-2±1	-1.00	0.79	<5	0.25018	3.00	YES

BLE:

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	1.15	1.30	1±1	2.00	1.58	<5	0.49127	3.00	YES
	2.44	0.15	1.04	0±1	1.00	1.26	<5	0.39330	3.00	YES
	2.480	-0.54	0.88	0±1	1.00	1.26	<5	0.39651	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	7.35	5.43	7±1	8.00	6.31	<5	1.95983	3.00	YES
	2.437	7.22	5.27	7±1	8.00	6.31	<5	1.96996	3.00	YES
	2.462	7.45	5.56	7±1	8.00	6.31	<5	1.98004	3.00	YES
802.11g	2.412	7.02	5.04	7±1	8.00	6.31	<5	1.95983	3.00	YES
	2.437	7.15	5.19	7±1	8.00	6.31	<5	1.96996	3.00	YES
	2.462	7.35	5.43	7±1	8.00	6.31	<5	1.98004	3.00	YES
802.11 n20	2.412	9.13	8.18	8.5±1	9.50	8.91	<5	2.76834	3.00	YES
	2.437	9.01	7.96	8.5±1	9.50	8.91	<5	2.78264	3.00	YES
	2.462	9.13	8.18	8.5±1	9.50	8.91	<5	2.79688	3.00	YES
802.11 n40	2.422	9.13	8.18	8.5±1	9.50	8.91	<5	2.77407	3.00	YES
	2.437	9.15	8.22	8.5±1	9.50	8.91	<5	2.78264	3.00	YES
	2.452	9.22	8.36	8.5±1	9.50	8.91	<5	2.79120	3.00	YES

5.1G 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
802.11a	5.180	6.32	4.29	6±1	7.00	5.01	<5	2.28137	3.00	YES
	5.200	6.54	4.51	6±1	7.00	5.01	<5	2.28577	3.00	YES
	5.240	6.36	4.33	6±1	7.00	5.01	<5	2.29454	3.00	YES
802.11 n20	5.180	6.67	4.65	6±1	7.00	5.01	<5	2.28137	3.00	YES
	5.200	6.55	4.52	6±1	7.00	5.01	<5	2.28577	3.00	YES
	5.240	6.45	4.42	6±1	7.00	5.01	<5	2.29454	3.00	YES
802.11 n40	5.190	6.33	4.30	6±1	7.00	5.01	<5	2.28357	3.00	YES
	5.230	6.47	4.44	6±1	7.00	5.01	<5	2.29235	3.00	YES
802.11 ac80	5.210	5.73	3.74	5±1	6.00	3.98	<5	1.81739	3.00	YES

5.8G 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
802.11a	5.745	6.34	4.31	6±1	7.00	5.01	<5	2.40256	3.00	YES
	5.785	6.2	4.17	6±1	7.00	5.01	<5	2.41091	3.00	YES
	5.825	6.09	4.06	6±1	7.00	5.01	<5	2.41923	3.00	YES
802.11 n20	5.745	6.59	4.56	6±1	7.00	5.01	<5	2.40256	3.00	YES
	5.785	6.21	4.18	6±1	7.00	5.01	<5	2.41091	3.00	YES
	5.825	5.82	3.82	6±1	7.00	5.01	<5	2.41923	3.00	YES
802.11 n40	5.755	5.71	3.72	5±1	6.00	3.98	<5	1.91008	3.00	YES
	5.795	5.61	3.64	5±1	6.00	3.98	<5	1.91671	3.00	YES
802.11 ac80	5.775	5.88	3.87	5±1	6.00	3.98	<5	1.91340	3.00	YES

Conclusion:

For the max result : 2.79688W/Kg ≤ FCC Limit 3.0 for 1g SAR.