

**FCC ID:2ASPC-MPI****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.

2.4G:

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
GFSK	2.402	5.453	3.51	5±1	6.00	3.98	<5	1.23400	3.00	YES
	2.442	5.534	3.58	5±1	6.00	3.98	<5	1.24424	3.00	YES
	2.482	5.475	3.53	5±1	6.00	3.98	<5	1.25439	3.00	YES

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 calculation	SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	3.21	2.09	3±1	4.00	2.51	<5	0.77860	3.00	YES
	2.441	5.627	3.65	6±1	7.00	5.01	<5	1.56608	3.00	YES
	2.480	6.133	4.10	6±1	7.00	5.01	<5	1.57854	3.00	YES
Pi/4 DQPSK	2.402	1.026	1.27	1±1	2.00	1.58	<5	0.49127	3.00	YES
	2.441	4.366	2.73	5±1	6.00	3.98	<5	1.24398	3.00	YES
	2.480	5.06	3.21	5±1	6.00	3.98	<5	1.25388	3.00	YES
8DPSK	2.402	1.324	1.36	1±1	2.00	1.58	<5	0.49127	3.00	YES
	2.441	4.649	2.92	5±1	6.00	3.98	<5	1.24398	3.00	YES
	2.480	5.3	3.39	5±1	6.00	3.98	<5	1.25388	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 calculation	SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	5.451	3.51	6±1	7.00	5.01	<5	1.55352	3.00	YES
	2.441	6.445	4.41	6±1	7.00	5.01	<5	1.56608	3.00	YES
	2.480	6.474	4.44	6±1	7.00	5.01	<5	1.57854	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 calculation	SAR Exclusion threshold	SAR test exclusion
802.11b	2.412	7.774	5.99	7±1	8.00	6.31	<5	1.95983	3.00	YES
	2.437	7.092	5.12	7±1	8.00	6.31	<5	1.96996	3.00	YES
	2.462	7.603	5.76	7±1	8.00	6.31	<5	1.98004	3.00	YES
802.11g	2.412	7.961	6.25	7±1	8.00	6.31	<5	1.95983	3.00	YES
	2.437	7.126	5.16	7±1	8.00	6.31	<5	1.96996	3.00	YES
	2.462	7.911	6.18	7±1	8.00	6.31	<5	1.98004	3.00	YES
802.11n20	2.412	7.01	5.02	7±1	8.00	6.31	<5	1.95983	3.00	YES
	2.437	7.344	5.43	7±1	8.00	6.31	<5	1.96996	3.00	YES
	2.462	7.874	6.13	7±1	8.00	6.31	<5	1.98004	3.00	YES

Conclusion:

For the max result : $1.98004\text{W/Kg} \leq \text{FCC Limit } 3.0 \text{ for } 1\text{g SAR}.$