

**FCC ID:2BFVW-AMPT1**

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  $\leq 7.5$  for 10-g extremity SAR, where:

- f(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.

EDR:

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	4.266	2.67	4±1	5.00	3.16	<5	0.98020	3.00	YES
	2.441	5.215	3.32	5±1	6.00	3.98	<5	1.24398	3.00	YES
	2.480	5.021	3.18	5±1	6.00	3.98	<5	1.25388	3.00	YES
π /4DQPSK	2.402	4.205	2.63	4±1	5.00	3.16	<5	0.98020	3.00	YES
	2.441	5.039	3.19	5±1	6.00	3.98	<5	1.24398	3.00	YES
	2.480	4.877	3.07	4±1	5.00	3.16	<5	0.99599	3.00	YES
8DQPSK	2.402	4.158	2.60	4±1	5.00	3.16	<5	0.98020	3.00	YES
	2.441	4.965	3.14	4±1	5.00	3.16	<5	0.98813	3.00	YES
	2.480	4.804	3.02	4±1	5.00	3.16	<5	0.99599	3.00	YES

**Conclusion:**

For the max result : 1.25388 ≤ FCC Limit 3.0 for 1g SAR.