

**FCC ID: 2BCCC-Y83**

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  $\leq 50$  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:

- $f(\text{GHz})$  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.

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	5.66	3.68	5±1	6.00	3.98	<5	1.23400	3.00	YES
	2.441	5.96	3.94	5±1	6.00	3.98	<5	1.24398	3.00	YES
	2.480	5.777	3.78	5±1	6.00	3.98	<5	1.25388	3.00	YES
π /4DQPSK	2.402	6.261	4.23	6±1	7.00	5.01	<5	1.55352	3.00	YES
	2.441	6.492	4.46	6±1	7.00	5.01	<5	1.56608	3.00	YES
	2.480	6.286	4.25	6±1	7.00	5.01	<5	1.57854	3.00	YES

BLE:

1M

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	5.526	3.57	5±1	6.00	3.98	<5	1.23400	3.00	YES
	2.44	5.759	3.77	5±1	6.00	3.98	<5	1.24373	3.00	YES
	2.480	5.743	3.75	5±1	6.00	3.98	<5	1.25388	3.00	YES

2M

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	5.255	3.35	5±1	6.00	3.98	<5	1.23400	3.00	YES
	2.44	5.915	3.90	5±1	6.00	3.98	<5	1.24373	3.00	YES
	2.480	5.935	3.92	5±1	6.00	3.98	<5	1.25388	3.00	YES

**Conclusion:**

For the max result :  $1.57854 \leq$  FCC Limit 3.0 for 1g SAR.