

**FCC ID: HBO4823**

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.

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	1g SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	-2.99	0.502	-2±1	-1	0.794	<5	0.24622	3.00	YES
	2.441	-2.79	0.526	-2±1	-1	0.794	<5	0.24821	3.00	YES
	2.480	-2.53	0.558	-2±1	-1	0.794	<5	0.25018	3.00	YES
π/4-DQPSK	2.402	-2.78	0.527	-2±1	-1	0.794	<5	0.24622	3.00	YES
	2.441	-2.45	0.569	-2±1	-1	0.794	<5	0.24821	3.00	YES
	2.480	-2.34	0.583	-2±1	-1	0.794	<5	0.25018	3.00	YES
8DPSK	2.402	-2.2	0.603	-2±1	-1	0.794	<5	0.24622	3.00	YES
	2.441	-1.97	0.635	-2±1	-1	0.794	<5	0.24821	3.00	YES
	2.480	-1.9	0.646	-2±1	-1	0.794	<5	0.25018	3.00	YES

**Conclusion:**

For the max result :  $0.25018 \leq 3.0$  for 1-g SAR, No SAR is required.

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**Signature:**

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