FCC ID: HBO4892

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:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]·[√f(GHZ)] ≤ 3.0 for 1-g SAR and ≤ 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.

BT:

Modulation	Channel Freq. (GHz)	Conducted power (dBm)	Conducted 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	4.500	2.82	4±1	5.00	3.16	<5	0.98020	3.00	YES
	2.441	4.069	2.55	4±1	5.00	3.16	<5	0.98813	3.00	YES
	2.480	4.564	2.86	4±1	5.00	3.16	<5	0.99599	3.00	YES
π/4-DQPSK	2.402	3.383	2.18	3±1	4.00	2.51	<5	0.77860	3.00	YES
	2.441	3.854	2.43	3±1	4.00	2.51	<5	0.78490	3.00	YES
	2.480	3.560	2.27	3±1	4.00	2.51	<5	0.79114	3.00	YES
8DPSK	2.402	3.419	2.20	3±1	4.00	2.51	<5	0.77860	3.00	YES
	2.441	3.003	2.00	3±1	4.00	2.51	<5	0.78490	3.00	YES
	2.480	3.580	2.28	3±1	4.00	2.51	<5	0.79114	3.00	YES

Conclusion:
For the max result : 0.99599W/Kg ≤ FCC Limit 1.6W/Kg for 1g SAR.

Jason chen

Signature: **Date:** 2017-4-28

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