

FCC ID: HBO4819

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.

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	-2.72	0.535	-2±1	-1	0.794	<5	0.24622	3.00	YES
	2.441	-2.05	0.624	-2±1	-1	0.794	<5	0.24821	3.00	YES
	2.480	-1.64	0.685	-2±1	-1	0.794	<5	0.25018	3.00	YES
π/4-DQPSK	2.402	-0.65	0.861	0±1	1	1.259	<5	0.39023	3.00	YES
	2.441	-0.02	0.995	0±1	1	1.259	<5	0.39338	3.00	YES
	2.480	0.37	1.089	0±1	1	1.259	<5	0.39651	3.00	YES
8DPSK	2.402	-0.55	0.881	0±1	1	1.259	<5	0.39023	3.00	YES
	2.441	-0.01	0.998	0±1	1	1.259	<5	0.39338	3.00	YES
	2.480	0.38	1.091	0±1	1	1.259	<5	0.39651	3.00	YES

Conclusion:

For the max result : $0.39651 \leq 3.0$ for 1-g SAR, No SAR is required.

Jason chen

Signature:

Date: 2017-06-07

NAME AND TITLE (Please print or type): Jason Chen /Manager

COMPANY (Please print or type): Shenzhen NTEK Testing Technology Co., Ltd./ 1/F, Building E,
Fenda Science Park, Sanwei Community, Xixiang Street Bao'an District, Shenzhen 518126 P.R.
China.