

**FCC ID: 2AYL6-SH005**

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.

BR+EDR:

Antenna Type : PCB antenna

Antenna Gain: 0 dBi

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	1g SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	-2.61	0.548	-3±1	-2	0.631	<5	0.19558	3.00	YES
	2.441	-3.056	0.495	-3±1	-2	0.631	<5	0.19716	3.00	YES
	2.480	-3.072	0.493	-3±1	-2	0.631	<5	0.19873	3.00	YES
π/4-DQPSK	2.402	-1.99	0.632	-2±1	-1	0.794	<5	0.24622	3.00	YES
	2.441	-2.435	0.571	-2±1	-1	0.794	<5	0.24821	3.00	YES
	2.480	-2.418	0.573	-2±1	-1	0.794	<5	0.25018	3.00	YES
8DPSK	2.402	-1.62	0.689	-2±1	-1	0.794	<5	0.24622	3.00	YES
	2.441	-1.98	0.634	-2±1	-1	0.794	<5	0.24821	3.00	YES
	2.480	-2.109	0.615	-2±1	-1	0.794	<5	0.25018	3.00	YES

**Conclusion:**

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



**Signature:**

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**NAME AND TITLE** (Please print or type): Alex Li /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