

FCC ID: 2AFHP-EP-B60

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 V05

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$

$f(\text{GHz})$ 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;

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm

and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

We use 5mm as separation distance to calculated.

Bluetooth DSS:

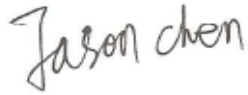
Transmit Frequency (GHz)	Mode	Measured Power (dBm)	Tune-up power (dBm)	Max tune-up power(dBm)	Result calculation	1g SAR
2.402	GFSK	-0.742	-1±1	0	0.3100	3
2.441		-1.754	-1±1	0	0.3125	3
2.48		-0.555	-1±1	0	0.3150	3
2.402	$\pi/4$ -DQPSK	-3.201	-3±1	-2	0.1956	3
2.441		-2.046	-3±1	-2	0.1972	3
2.48		-2.784	-3±1	-2	0.1987	3
2.402	8DPSK	-2.577	-2±1	-1	0.2462	3
2.441		-1.284	-2±1	-1	0.2482	3
2.48		-2.401	-2±1	-1	0.2502	3

Bluetooth DTS:

Transmit Frequency (GHz)	Mode	Measured Power (dBm)	Tune-up power (dBm)	Max tune-up power(dBm)	Result calculation	1g SAR
2.402	GFSK	1.066	1±1	2	0.4913	3
2.44		1.736	1±1	2	0.4951	3
2.48		0.855	1±1	2	0.4992	3

Conclusion:

For the max result : $0.4992 \leq 3.0$ for 1g SAR, No SAR is required.

**Signature:****Date:** 2017-10-21

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 P.R. China.