

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:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})]^*$

$[\sqrt{f(\text{GHz})}] \leq 3.0$ 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;

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.

Jason chen

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.