

**FCC ID: 2AWMK-BTP-T6**

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  $\leq 50$  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:

- $f(\text{GHz})$  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.

EDR:

Antenna Type :PCB Antenna

Antenna Gain: 2.64dBi

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	5.246	3.347	5±1	6	3.981	<5	1.23400	3.00	YES
	2.441	3.854	2.429	3±1	4	2.512	<5	0.78490	3.00	YES
	2.480	3.386	2.181	3±1	4	2.512	<5	0.79114	3.00	YES
$\pi/4$ -DQPSK	2.402	5.221	3.327	5±1	6	3.981	<5	1.23400	3.00	YES
	2.441	3.867	2.436	3±1	4	2.512	<5	0.78490	3.00	YES
	2.480	3.366	2.171	3±1	4	2.512	<5	0.79114	3.00	YES

**Conclusion:**

For the max result :  $1.2340 \leq 3.0$  for 1-g SAR, No SAR is required.



**Signature:**

**Date:** 2020-06-15

**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