

**FCC ID: 2AVC3-AMITI2020MT**

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.

BLE:

Antenna Type: PCB Antenna

Antenna Gain: 0dBi

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-1Mbit	2.402	-11.75	0.067	-11.0 $\pm$ 1	-10	0.100	<5	0.03100	3.00	YES
	2.440	-11.51	0.071	-11.0 $\pm$ 1	-10	0.100	<5	0.03124	3.00	YES
	2.480	-10.94	0.081	-11.0 $\pm$ 1	-10	0.100	<5	0.03150	3.00	YES

**Conclusion:**

For the max result:  $0.03150 \leq 3.0$  for 1-g SAR, No SAR is required.

Signature:

*Jason chen*

Date: 2019-12-04

**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