

**FCC ID: 2AAUI-GDIEXPCK201**

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.

BT:

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	SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	8.144	6.52	8±1	9	7.94	<5	2.46216	3.00	YES
	2.441	7.5	5.62	8±1	9	7.94	<5	2.48207	3.00	YES
	2.480	7.049	5.07	8±1	9	7.94	<5	2.50182	3.00	YES
π/4-DQPSK	2.402	5.878	3.87	5±1	6	3.98	<5	1.23400	3.00	YES
	2.441	5.232	3.34	5±1	6	3.98	<5	1.24398	3.00	YES
	2.480	4.731	2.97	5±1	6	3.98	<5	1.25388	3.00	YES
8-DQPSK	2.402	6.224	4.19	6±1	7	5.01	<5	1.55352	3.00	YES
	2.441	5.644	3.67	6±1	7	5.01	<5	1.56608	3.00	YES
	2.480	5.188	3.30	6±1	7	5.01	<5	1.57854	3.00	YES

**Conclusion:**

For the max result : 2.50182 ≤ 3.0 for 1g SAR, SAR is not required.



**Signature:**

**Date:** 2022-04-12

**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 P.R. China.