

FCC ID: 2A4ND-E7TV

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 ≤ 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.

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	3.86	2.43	4±1	5	3.16	<5	0.98020	3.00	YES
	2.441	3.85	2.43	4±1	5	3.16	<5	0.98813	3.00	YES
	2.480	3.41	2.19	4±1	5	3.16	<5	0.99599	3.00	YES
$\pi/4$ -DQPSK	2.402	4.96	3.13	4±1	5	3.16	<5	0.98020	3.00	YES
	2.441	4.81	3.03	4±1	5	3.16	<5	0.98813	3.00	YES
	2.480	4.49	2.81	4±1	5	3.16	<5	0.99599	3.00	YES
8-DQPSK	2.402	5.03	3.18	5±1	6	3.98	<5	1.23400	3.00	YES
	2.441	5.05	3.20	5±1	6	3.98	<5	1.24398	3.00	YES
	2.480	4.66	2.92	5±1	6	3.98	<5	1.25388	3.00	YES

Conclusion:

For the max result : $1.25388 \leq 3.0$ for 1g SAR, SAR is not required.



Signature:

Date: 2023-12-06

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.