

FCC ID: YJW-PNSSP02

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

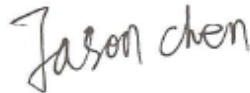
When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

BT: Left

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	-1.775	0.66	-1+1	0	1.00	<5	0.30997	3.00	YES
	2.44	-0.416	0.91	-1+1	0	1.00	<5	0.31241	3.00	YES
	2.480	-0.231	0.95	-1+1	0	1.00	<5	0.31496	3.00	YES
$\pi/4$ -DQPSK	2.402	-2.611	0.55	-2+1	-1	0.79	<5	0.24622	3.00	YES
	2.44	-1.275	0.75	-2+1	-1	0.79	<5	0.24816	3.00	YES
	2.480	-1.196	0.76	-2+1	-1	0.79	<5	0.25018	3.00	YES
8-DPSK	2.402	-2.472	0.57	-2+1	-1	0.79	<5	0.24622	3.00	YES
	2.44	-1.115	0.77	-2+1	-1	0.79	<5	0.24816	3.00	YES
	2.480	-0.942	0.81	-2+1	-1	0.79	<5	0.25018	3.00	YES

Conclusion:

For the max result : $0.31496\text{W/Kg} \leq 3.0$ for 1g SAR, No SAR is required.



Signature:

Date: 2019-08-26

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.