

FCC ID: 2AKXB-W9502500**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.

BLE:

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
BLE 1M	2.402	-2.31	0.59	-1.5±1	-0.5	0.89	<5	0.27626	3.00	YES
	2.440	-0.79	0.83	-1.5±1	-0.5	0.89	<5	0.27844	3.00	YES
	2.480	-0.69	0.85	-1.5±1	-0.5	0.89	<5	0.28071	3.00	YES
BLE 2M	2.402	-3.79	0.42	-2±1	-1	0.79	<5	0.24622	3.00	YES
	2.440	-2.19	0.60	-1.5±1	-0.5	0.89	<5	0.27844	3.00	YES
	2.480	-1.34	0.73	-1.5±1	-0.5	0.89	<5	0.28071	3.00	YES

2.4G WIFI

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
802. 11B	2.412	8.56	7.18	8.5±1	9.5	8.91	<5	2.76834	3.00	YES
	2.437	9.19	8.30	8.5±1	9.5	8.91	<5	2.78264	3.00	YES
	2.462	9.45	8.81	8.5±1	9.5	8.91	<5	2.79688	3.00	YES
802. 11G	2.412	9.39	8.69	8.5±1	9.5	8.91	<5	2.76834	3.00	YES
	2.437	9.18	8.28	8.5±1	9.5	8.91	<5	2.78264	3.00	YES
	2.462	9.22	8.36	8.5±1	9.5	8.91	<5	2.79688	3.00	YES
802. 11N20	2.412	9.23	8.38	8.5±1	9.5	8.91	<5	2.76834	3.00	YES
	2.437	8.91	7.78	8.5±1	9.5	8.91	<5	2.78264	3.00	YES
	2.462	9.48	8.87	8.5±1	9.5	8.91	<5	2.79688	3.00	YES
802. 11N40	2.422	9.46	8.83	8.5±1	9.5	8.91	<5	2.77407	3.00	YES
	2.437	9.42	8.75	8.5±1	9.5	8.91	<5	2.78264	3.00	YES
	2.452	9.43	8.77	8.5±1	9.5	8.91	<5	2.79120	3.00	YES
802. 11AX20	2.412	9.13	8.18	8.5±1	9.5	8.91	<5	2.76834	3.00	YES
	2.437	8.77	7.53	8.5±1	9.5	8.91	<5	2.78264	3.00	YES
	2.462	9.33	8.57	8.5±1	9.5	8.91	<5	2.79688	3.00	YES
802. 11AX40	2.422	9.43	8.77	8.5±1	9.5	8.91	<5	2.77407	3.00	YES
	2.437	9.47	8.85	8.5±1	9.5	8.91	<5	2.78264	3.00	YES
	2.452	9.39	8.69	8.5±1	9.5	8.91	<5	2.79120	3.00	YES

Conclusion:

For the max result : $2.79688 \leq 3.0$ for 1g SAR, SAR is not required.

Signature:**Date:** 2026-04-30**NAME AND TITLE** (Please print or type): Alex Li/Manager

COMPANY (Please print or type): Shenzhen NTEK Testing Technology Co., Ltd./ No. 24 Xinfu East Road, Xiangshan Community, Xinqiao Street, Baoan District, Shenzhen, Guangdong, People's Republic of China