

FCC ID: 2BNV2-TWS

Portable device

According to 47 CFR, Part2.1093 and 47 CFR, Part1.1307, 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.

BR+EDR:

Antenna Type: Chip Antenna

Antenna Gain: 2.7dBi

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	3.47	2.22	3±1	4	2.51	<5	0.77860	3.00	YES
	2.441	3.65	2.32	4±1	5	3.16	<5	0.98813	3.00	YES
	2.480	3.37	2.17	3±1	4	2.51	<5	0.79114	3.00	YES
π/4-DQPSK	2.402	4.35	2.72	4±1	5	3.16	<5	0.98020	3.00	YES
	2.441	4.33	2.71	4±1	5	3.16	<5	0.98813	3.00	YES
	2.480	4.11	2.58	4±1	5	3.16	<5	0.99599	3.00	YES
8-DPSK	2.402	4.66	2.92	5±1	6	3.98	<5	1.23400	3.00	YES
	2.441	4.58	2.87	5±1	6	3.98	<5	1.24398	3.00	YES
	2.480	4.4	2.75	4±1	5	3.16	<5	0.99599	3.00	YES

BLE:

Antenna Type: Chip Antenna

Antenna Gain: 2.7dBi

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
BLE 1M	2.402	6.07	4.05	6±1	7	5.01	<5	1.55352	3.00	YES
	2.440	6.06	4.04	6±1	7	5.01	<5	1.56576	3.00	YES
	2.480	6.02	4.00	6±1	7	5.01	<5	1.57854	3.00	YES
BLE 2M	2.402	6.02	4.00	6±1	7	5.01	<5	1.55352	3.00	YES
	2.440	6.04	4.02	6±1	7	5.01	<5	1.56576	3.00	YES
	2.480	5.97	3.95	6±1	7	5.01	<5	1.57854	3.00	YES

Conclusion:

For the max result: $1.58 \leq 3.0$ for 1-g SAR, No SAR is required.

Signature:

Alex Li

Date: 2026-07-07

NAME AND TITLE (Please print or type): Alex /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