

RF EVALUATION TEST REPORT

Applicant..... : Voxx Electronics Corporation

Address..... : 2365 Pontiac Road, Auburn Hills, Michigan 48326 - USA

Manufacturer..... : Nutek Corporation

Address..... : No. 167, Lane 235, Bauchiau Rd, Xindian District, New Taipei City 23145, Taiwan

Factory..... : Nutek Corporation

Address..... : No. 167, Lane 235, Bauchiau Rd, Xindian District, New Taipei City 23145, Taiwan

Product Name..... : BT Keypad

Brand Name..... : N/A

Model No. : 2424VD, 100-10334, BPACC

FCC ID..... : EZS2424VD

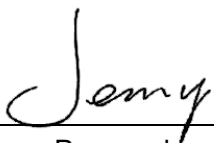
Measurement Standard..... : 47 CFR PART 2, Section 2.1091& 2.1093

Receipt Date of Samples.... : September 23, 2025

Date of Tested..... : September 24, 2025 to December 29, 2025

Date of Report..... : January 20, 2026

This report shows that above equipment is technically compliant with the requirements of the standards above. All test results in this report apply only to the tested sample(s). Without prior written approval of Dongguan Nore Testing Center Co., Ltd, this report shall not be reproduced except in full.



Prepared by

Jenny Liu / Project Engineer



Approved by

Iori Fan / Authorized Signatory

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Revision History

Report Number	Description	Issued Date
NTC2509301F01	Initial Issue	2026-01-20

1. General Description of EUT

Product Information	
Product name:	BT Keypad
Main Model Name:	2424VD
Additional Model Name:	100-10334, BPACC
Model Difference:	All the models are identical in electrical circuit design, PCB Layout, components and internal wiring, and the difference is model name only due to trading purpose.
S/N:	Not State
Brand Name:	N/A
Hardware version:	Not State
Software version:	Not State
Rating:	DC 3.0V by CR 2025 coin cell battery
Classification:	Class B
Typical arrangement:	Tabletop
I/O Port:	Refer to the user's manual
Accessories Information	
Adapter:	N/A
Cable:	N/A
Other:	N/A
Additional Information	
Note:	According to the model differences, all tests were performed on 2424VD.
Remark:	All the information above are provided by the manufacturer. More detailed feature of the EUT please refers to the user manual.

Technical Specification	
Bluetooth Version:	V5.0
Frequency Range:	2402-2480MHz
Modulation Type:	GFSK
Number of Channel:	40 (refer to following channel list for details)
Channel Space:	2MHz
Antenna Type:	Chip Antenna
Number of Antenna	1
Antenna Gain:	3.77 dBi (Declared by the manufacturer)
RF PHY Support:	1Mbps, 2Mbps

2. Test Facility and Location

Test Site	:	Dongguan Nore Testing Center Co., Ltd. (Dongguan NTC Co., Ltd.)
Accreditations and Authorizations	:	The Laboratory has been assessed and proved to be in compliance with CNAS/CL01 Listed by CNAS, August 13, 2018 The Certificate Registration Number is L5795. The Certificate is valid until August 13, 2030 The Laboratory has been assessed and proved to be in compliance with ISO17025 Listed by A2LA, November 01, 2017 The Certificate Registration Number is 4429.01 The Certificate is valid until December 31, 2030 Listed by FCC, November 06, 2017 Test Firm Registration Number: 907417 Listed by Industry Canada, June 08, 2017 The Certificate Registration Number. Is 9743A
Test Site Location	:	Room 101, 1101, Building 2, No. 61, Hongmei Section, Wangsha Road, Hongmei Town, Dongguan, Guangdong, 523000 People's Republic of China

3. Applicable Standards and References

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

Test Standards:

47 CFR Part 1, 1.1307
KDB447498 D01 V06

4. Maximum Permissible Exposure Limit

According to §15.247(i) and §1.1307b(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 levels in excess of the Commission's guidelines. See KDB 447498 D01 General RF Exposure Guidance v05, section 4.3.1.

The 1-g 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,¹⁶ where

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation¹⁷
- The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

5. RF Exposure Evaluation Results

Single RF Source					
Mode	Channel Frequency (MHz)	Max Output power (dBm)	Max Output power (mW)	Calculation Value ^(Note 1)	Threshold Value
GFSK (1Mbps)	2402	-1.60	0.69	0.2139	3.0
	2442	-0.966	0.80	0.2500	3.0
	2480	-0.452	0.90	0.2835	3.0
GFSK (2Mbps)	2402	-1.603	0.69	0.2139	3.0
	2442	-0.971	0.80	0.2500	3.0
	2480	-0.454	0.90	0.2835	3.0

Note 1: Calculation Value = [(max output power, mW)/(min. test separation distance, mm)] · [√f(GHz)].
 For example: $5.02/5 \cdot \sqrt{2.402} = 1.5560 \leq 3.0$

Conclusion:

According to KDB447498 D01 V06, threshold at which no SAR required is ≤ 3.0 for 1-g SAR, separation distance is 5mm, and no simultaneous SAR measurement is required.

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