TCT 通测检测 TESTING CENTRE TECHNOLOGY

TEST REPORT

FCC ID.....:	2A9WZV98PRO	
Test Report No. .....:	TCT221229E018	
Date of issue .....:	Feb. 24, 2023	
Testing laboratory.....:	SHENZHEN TONGCE TESTING LAB	
Testing location/ address:	2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China	
Applicant's name .....:	Fuzhou Geek Yanxuan Technology Co., Ltd.	
Address .....:	99 Qunzhong Dong Lu, Xingang Street, Taijiang District, Fuzhou City, Fujian Province, China.	
Manufacturer's name ....:	Dongguan Nuobida Intelligent Technology Co., Ltd	
Address .....:	21 Second Road, Yuantou New Village, Humen Town, Dongguan City, Guangdong Province, China.	
Standard(s).....:	FCC CFR Title 47 Part 2.1093	
Product Name .....:	VGN V98Pro Mechanical Keyboard	
Trade Mark.....:	VGN	
Model/Type reference .....:	V98Pro, V98	
Rating(s) .....:	Input: DC 5V Rechargeable Li-ion Battery DC 3.7V	
Date of receipt of test item .....:	Dec. 29, 2022	
Date (s) of performance of test .....:	Dec. 29, 2022 ~ Feb. 24, 2023	
Tested by (+signature)....:	Ronaldo LUO	
Check by (+signature) ....:	Beryl ZHAO	
Approved by (+signature):	Tomsin	

General disclaimer:

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Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

1. General Product Information

1.1. EUT description

Test item description .....:	VGN V98Pro Mechanical Keyboard
Model/Type reference.....:	V98Pro
Sample Number.....:	TCT221229E016-0101
Operation Frequency.....:	2402MHz~2480MHz
Modulation Type.....:	GFSK
Antenna Type.....:	PCB Antenna
Antenna Gain.....:	0.338dBi
Rating(s).....:	Input: DC 5V Rechargeable Li-ion Battery DC 3.7V

Note: The antenna gain listed in this report is provided by applicant, and the test laboratory is not responsible for this parameter.

1.2. Model(s) list

No.	Model No.	Tested with
1	V98Pro	☒
Other models	V98	☐

Note: V98Pro is tested model, other models are derivative models. The models are identical in circuit and PCB layout, only different on the model names. So the test data of V98Pro can represent the remaining models.

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2. Facilities and Accreditations

2.1. Facilities

The test facility is recognized, certified, or accredited by the following organizations:

- FCC - Registration No.: 645098

  SHENZHEN TONGCE TESTING LAB

  Designation Number: CN1205

  The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

- IC - Registration No.: 10668A-1

  SHENZHEN TONGCE TESTING LAB

  CAB identifier: CN0031

  The testing lab has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

2.2. Location

SHENZHEN TONGCE TESTING LAB

Address: 2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China

TEL: +86-755-27673339

3. Test Results and Measurement Data

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)
[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] • [√f(GHz)] ≤ 3.0
Where
-f(GHz) is the RF channel transmit frequency in GHz
-Power and distance are rounded to the nearest mW and mm before calculation
-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 according to 4.1 f) is applied to determine SAR test exclusion.

Assessment Result

☒ **Passed** ☐ **Not Applicable**

Frequency (MHz)	Type	Conducted Power (dBm)	Maximum Tune-up (dBm)	Calculating data	Limit	Result
2402	2.4G	-0.27	1.00	0.36	3.0	Pass
2402	BT	-0.28	1.00	0.36	3.0	Pass

Note: The exposure evaluation safety distance is 20cm.

********END OF REPORT********

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