VIBRATION SOURCE TECHNOLOGY CO., LTD.
Vibration Testing Laboratory
Add: No.29, Lane 65, Sanjun St., Shulin Dist., New Taipei City 23864, Taiwan (R.O.C.)
Tel: 886-2-2688-0999 Fax: 886-2-2688-0977
E-mail: info@vibsource.com

Report No.: VS-TV-091030-01

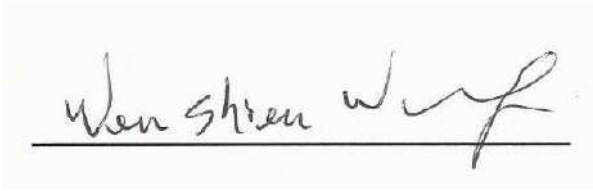
Test Report

Date of Issue: 2020 / 10 / 30

Specimen：	**Nuvo-8023**
Applicant Name：	**Neousys Technology Inc.**
Applicant Address：	**15F, No. 868-3, Zhongzheng Rd., Zhonghe Dist., New Taipei City, 23586, Taiwan**

The result of this test report performed by
VIBRATION SOURCE TECHNOLOGY CO., LTD. is specified in this report.
When the cover and the following 9 pages are separated, the validity of this report no longer exists.
Without the consent of the laboratory, this test report shall not be copied excerpts, but except for full-text copy.

Signature



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Report No.: VS-TV-091030-01

I、Test Information

Test Report NO.	VS-TV-091030-01
Applicant Company Name	Neousys Technology Inc.
Applicant Address	15F, No. 868-3, Zhongzheng Rd., Zhonghe Dist., New Taipei City, 23586, Taiwan
Manufacturer Company Name	Neousys Technology Inc.
Manufacturer Address	15F, No. 868-3, Zhongzheng Rd., Zhonghe Dist., New Taipei City, 23586, Taiwan
Product Name	Nuvo-8000 Series (With dual 2.5 Inch SSD)
Brand (Trade) Name	NEOUSYS TECHNOLOGY
Quantity	1 PCS
Power Rating	8-35Vdc
MAX Working Frequency	4.6 GHz
Basic Model name	Nuvo-8023
Date of Test	OCT 21, 2020
Test Standard	Vibration:MIL-STD-810G w/Change 1, Method 514.7, Procedure I, Table 514.7C-I Category 4 - Common carrier

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I、Test Information

Test Item	Random Vibration Test
Sample Condition	Operating (execute " BurnIn Test ”)
Test Condition	Waveform: Random Wave Frequency Range: (10 ~ 500) Hz Acceleration &PSD: (see table below) Vibration Axial: X, Y, Z Single Axis Time: 1 hour Total Time: 3 hours FIG 1.1 ~ 1.2: X axis direction mounted FIG 2: X axis test screen FIG 3.1 ~ 3.2: Y axis direction mounted FIG 4: Y axis test screen FIG 5.1 ~ 5.2: Z axis direction mounted FIG 6: Z axis test screen FIG 7.1 ~ 7.2: Posterior check.

Vertical (Z axis)		Tranverse (Y axis)		Longitudinal (X axis)	
Frequency (Hz)	PSD level (g^2/Hz)	Frequency (Hz)	PSD level (g^2/Hz)	Frequency (Hz)	PSD level (g^2/Hz)
10	0.01500	10	0.00013	10	0.00650
40	0.01500	20	0.00065	20	0.00650
500	0.00015	30	0.00065	120	0.00020
rms = 1.04 g		78	0.00002	121	0.00300
		79	0.00019	200	0.00300
		120	0.00019	240	0.00150
		500	0.00001	340	0.00003
		rms = 0.20 g		500	0.00015
				rms = 0.74 g	

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Report No.: VS-TV-091030-01

Test Result	Appearance:	No external physical damage
	Function:	Upon Applicant's comment.

Test Conducted By	Report Prepared By
Archie Chen	Archie Chen
	

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Report No.: VS-TV-091030-01

FIG 1.1: X axis direction mounted

FIG 1.2: X axis direction mounted

FIG 2: X axis test screen

Current Level: 0.00 dB | Demand RMS: 0.740 g | Control RMS: 0.746 g
Frame Time: 1.6000 (s) | Lines: 800 | dF: 0.6 Hz
DOF: 120 | Current Level Time: 01:00:00 | Remaining Time: 00:00:00
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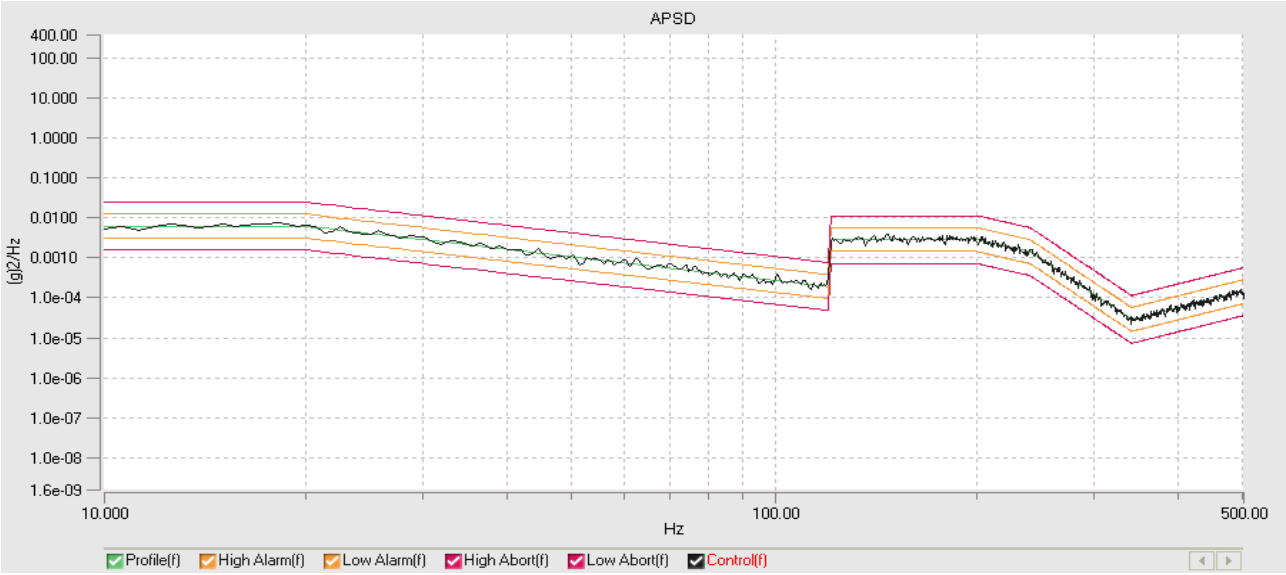

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FIG 3.1: Y axis direction mounted

FIG 3.2: Y axis direction mounted

FIG 4: Y axis test screen

Current Level: 0.00 dB Demand RMS: 0.200 g Control RMS: 0.201 g

Frame Time: 1.6000 (s) Lines: 800 dF: 0.6 Hz

DOF: 120 Current Level Time: 01:00:00 Remaining Time: 00:00:00

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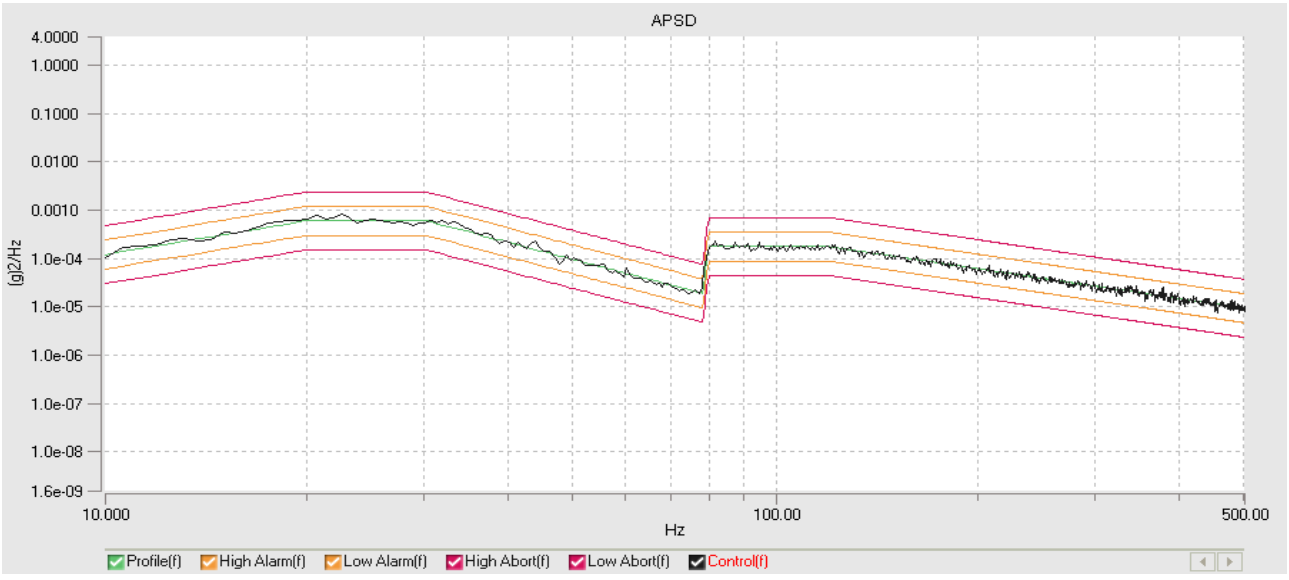

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FIG 5.1: Z axis direction mounted

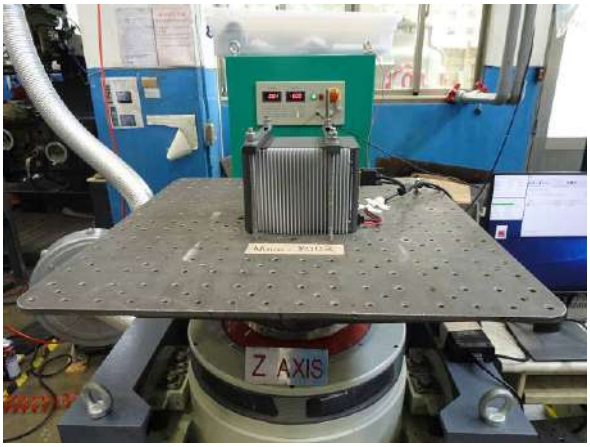
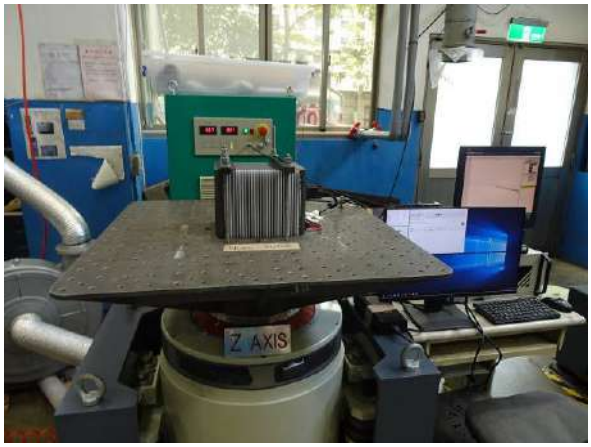


FIG 5.2: Z axis direction mounted



IG 6: Z axis test screen

Current Level: 0.00 dB Demand RMS: 1.040 g Control RMS: 1.041 g
Frame Time: 1.6000 (s) Lines: 800 dF: 0.6 Hz
DOF: 200 Current Level Time: 01:00:00 Remaining Time: 00:00:00
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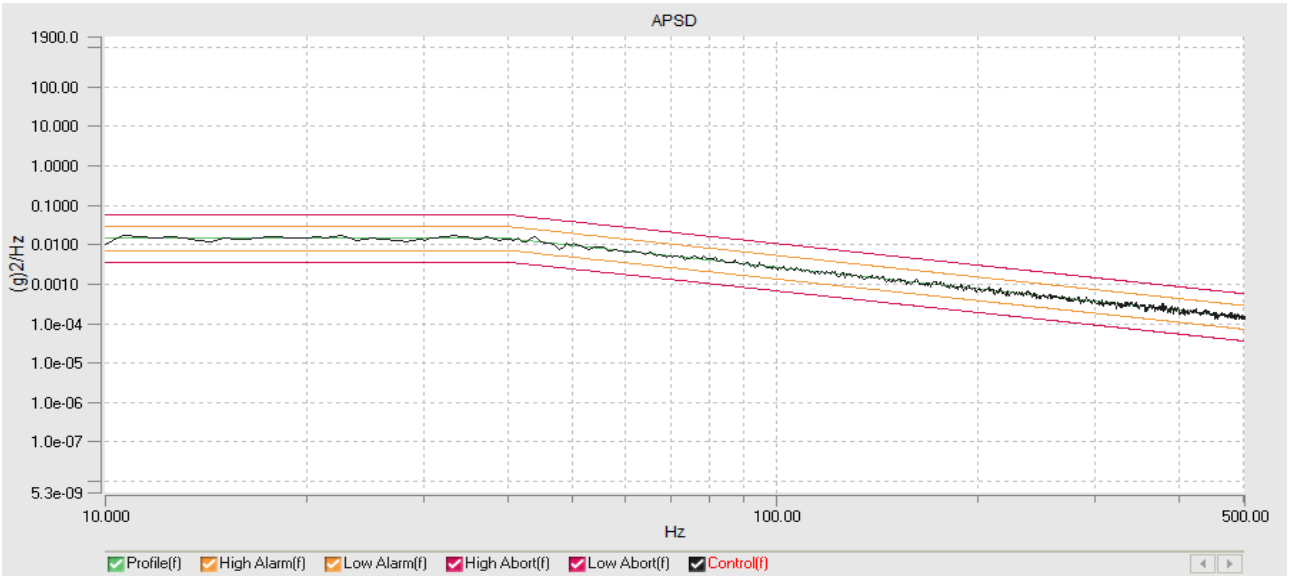

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FIG.7.1 ：Check after test.

FIG.7.2 ：Check after test.

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II、Test Description

1. Date of Test
This test was performed on OCT 21, 2020

2. Test Location
This test was performed on NO. 29, Lane 65, Sanjun St., Shulin Dist., New Taipei City 23864 Taiwan (R.O.C.)

3. Test Methods
This test was carried out according to the following documents: (VS-LP-TV-01)V3.1.

4. Test standard instruments
Test standard instruments and matching accelerometer, as below:

Specimen	Manufacturer	Model	Serial NO.	Calibration Date	Validity Date
Electrodynamics Type Vibration Tester	Vibration Source Technology CO., LTD	VS-1000VH	1099	2020/03/16	2021/03/15
Accelerometer	PCB	J352C34	153392		

Calibration and Traceability to Vibration Source Technology CO., LTD.
Vibration Calibration Laboratory (TAF 2465)
(Calibration Report No.: VS-CV-090316-01)

Specimen	Manufacturer	Model	Serial NO.	Calibration Date	Validity Date
Electrodynamics Type Vibration Tester	Vibration Source Technology CO., LTD	VS-1000V	T0801	2020/01/06	2021/01/05
Accelerometer	PCB	353B34	LW225254		

Calibration and Traceability to Vibration Source Technology CO., LTD.
Vibration Calibration Laboratory (TAF 2465)
(Calibration Report No.: VS-CV-090106-02)

III、Reference

1. Vibration testing procedures (VS-LP-TV-01) V3.1.
VIBRATION SOURCE TECHNOLOGY CO., LTD.

The End.