
Test Report

Report No.: AGC09377170502ES03

PRODUCT DESIGNATION : Tablet PC
BRAND NAME : Vonino
MODEL NAME : Navo S
CLIENT : Vonino Electronics (HK) Limited
DATE OF ISSUE : May 15, 2017
STANDARD(S) : EN50332-1:2013
REPORT VERSION : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

CAUTION:

This report shall not be reproduced, except in full without the written permission of the test laboratory and shall not be quoted out of context.



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

TABLE OF CONTENTS

1. GENERAL INFORMATION 3

1.1 Testing laboratory 3

1.2 Applicant information 3

1.3 Manufacturer information 3

1.4 Testing 3

1.5 Summary of testing 3

2. Equipment Under Test (EUT) and Ancillary Equipment (AE) 4

2.1 About EUT 4

2.2 Internal identification of EUT 4

2.3 Internal Identification of AE 4

3. Reference Documents 5

4. Test Equipments Utilized 6

5. Detailed Test Results 7

5.1 Maximum sound pressure Measurement 7

Attachment A 8

Attachment B 9

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

1. GENERAL INFORMATION

1.1 Testing laboratory

Name Attestation of Global Compliance (Shenzhen) Co., Ltd.
 Address 2/F., Building 2, No.1-No.4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Bao'an District, Shenzhen, Guangdong, China
 Test location Same as above

1.2 Applicant information

Name Vonino Electronics (HK) Limited
 Address #1109, 11/F, Kowloon Center 33 Ashley Road , Tsim Sha Tsui, Kowloon, Hong Kong

1.3 Manufacturer information

Name Vonino Electronics (HK) Limited
 Address #1109, 11/F, Kowloon Center 33 Ashley Road , Tsim Sha Tsui, Kowloon, Hong Kong

1.4 Testing

Date of receipt of test item Aug. 13, 2016
 Date(s) of performance of test Aug. 13, 2016

1.5 Summary of testing

The original test report Ref. No. AGC06327160802ES03 (dated 2016-08-22), was modified on 2017-05-15 to changed basic information, no further testing necessary.
 The limits are refer to Zx. Protection against excessive sound pressure from personal music players of EN 60950-1:2006+A11:2009+ A1:2010+A12:2011+A2:2013 and EN 60065:2002+A1:2006+ A11:2008 +A2:2010 +A12:2011.
 The test items passed.

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	May 15, 2017	Valid	Original Report

Tested by

Johnson Ye

Johnson Ye

May 15, 2017

Reviewed by

Jenny Li

Jenny Li

May 15, 2017

Authorized By

Matte He

Matte He
 (Authorized Officer)

May 15, 2017

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

2. Equipment Under Test (EUT) and Ancillary Equipment (AE)

2.1 About EUT

Product Designation	Tablet PC
Brand Name	Vonino
Test model	Navo S
Series model	N/A

2.2 Internal identification of EUT

IMEI or SN	N/A
HW Version	
SW Version	

2.3 Internal Identification of AE

Product Designation	earphone
Model Name	N/A

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

3. Reference Documents

The following documents listed in this section are referred for testing.

Reference	Title	Version
EN 50332-1	Sound system equipment: Headphones and earphones associated with personal music players – Maximum sound pressure level measurement methodology Part 1: General method for “one package equipment”	2013

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

4. Test Equipments Utilized

No.	Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Due.
1	HEAD measurement test system	HMS II.3	12306382	Head Acoustics	Mar. 05, 2016	Mar. 05, 2017
2	Left ear simulator	HISL	355051	Head Acoustics	/	/
3	Right ear simulator	TYPE3.3	355063	Head Acoustics	/	/
4	Artificial ear extension cord	CLL V.10	1223-10	Head Acoustics	/	/
5	ACQUA-Compact test software	ACQUA-Compact	1900169023	Head Acoustics	/	/
6	USB Measurement Frontend	MFE VI	64606148	Head Acoustics	Mar. 05, 2016	Mar. 05, 2017
7	EN50332 database	EN50332	6869.11	Head Acoustics	/	/
8	Sound Calibrator	42AB	32508	G.R.A.S	Mar. 05, 2016	Mar. 05, 2017
9	Signal generator	E4421B	MY43351574	AGILENT	Oct. 30, 2015	Oct. 29, 2016
10	Acoustic Chamber	/	AGC-SA-P002	/	/	/

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

5. Detailed Test Results

5.1 Maximum sound pressure Measurement

Maximum Sound pressure Measurement Test Result			
Device	Times	Right	Left
MP3 (dBA)	1	80.64	80.25
	2	80.62	80.23
	3	80.64	80.26
	4	80.63	80.24
	5	80.64	80.25
	AVG	80.63	80.25

Conclusion: The maximum acoustic output shall not exceed 100dBA.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

Attachment A
Photos of Test Setup



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

Attachment B
Photos of Product



Fig.1 – overview



Fig.2 – view of earphone jack

----- End of Report -----

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.