
Test Report

Report No.: AGC00552200501ES02A

PRODUCT DESIGNATION : Smart Phone
BRAND NAME : HAFURY
MODEL NAME : M20
APPLICANT : Shenzhen Huafurui Technology Co., Ltd
DATE OF ISSUE : Jul 23, 2020
STANDARD(S) : EN 50332-2: 2013
REPORT VERSION : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

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TABLE OF CONTENTS

1. GENERAL INFORMATION	3
1.1 Testing laboratory	3
1.2 Applicant information	3
1.3 Manufacturer information	3
1.4 Factory information.....	3
1.5 Testing.....	3
1.6 Summary of testing	3
2. Equipment Under Test (EUT) and Ancillary Equipment (AE)	5
2.1 About EUT	5
2.2 Internal identification of EUT	5
2.3 Internal Identification of AE.....	5
3. Reference Documents	6
4. Test Equipments Utilized.....	7
5. Detailed Test Results	8
5.1 Maximum output voltage Measurement	8
5.1.1 Pre-set condition	8
5.1.2 Warning information condition	8
5.1.3 Maximum Volume condition	8
Attachment A.....	9
Attachment B.....	10



1. GENERAL INFORMATION

1.1 Testing laboratory

Name Attestation of Global Compliance (Shenzhen) Co., Ltd.
Address 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Test location Same as above

1.2 Applicant information

Name Shenzhen Huafurui Technology Co., Ltd.
Address Unit 1401 &1402, 14/F, Jin qi zhi gu mansion (No. 4 building of Chong wen Garden), Crossing of the Liu xian street and Tang ling road, Tao yuan street, Nan shan district, Shenzhen,P.R. China

1.3 Manufacturer information

Name Shenzhen Huafurui Technology Co., Ltd.
Address Unit 1401 &1402, 14/F, Jin qi zhi gu mansion (No. 4 building of Chong wen Garden), Crossing of the Liu xian street and Tang ling road, Tao yuan street, Nan shan district, Shenzhen,P.R. China

1.4 Factory information

Name Shenzhen Huafurui Technology Co., Ltd.
Address Unit 1401 &1402, 14/F, Jin qi zhi gu mansion (No. 4 building of Chong wen Garden), Crossing of the Liu xian street and Tang ling road, Tao yuan street, Nan shan district, Shenzhen,P.R. China

1.5 Testing

Date of receipt of test item Jul. 15, 2020
Date(s) of performance of test Jun. 05, 2020

1.6 Summary of testing

The limits 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, Z1. Protection against excessive sound pressure from personal music players of EN 60065:2014+A11:2017 or CI.10.6 Safeguards against acoustic energy sources of EN 62368-1:2014+A11:2017 and IEC 62368-1:2018.

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to change brand name and model name of product, and SW Version (because of the change of model name and brand name). It did not shield or optimize any function, no further testing necessary.

The test items passed.

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Jul. 23, 2020	Valid	Initial release

Tested by Erons Yang
Erons Yang

Reviewed by Byron Wang
Byron Wang

Approved By Matte He
Matte He
(Authorized Officer)



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

2.1 About EUT

Product Designation	Smart Phone
Brand Name	HAFURY
Test model	M20
Series model	N/A

2.2 Internal identification of EUT

IMEI or SN	N/A
HW Version	TE647_MAIN_PCN_V1.0
SW Version	HAFURY_M20_A041CH_V03_20200713

2.3 Internal Identification of AE

Product Designation	N/A
Model Name	N/A



3. Reference Documents

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

Reference	Title	Version
EN 50332-2	Sound system equipment: Headphones and earphones associated with personal music players – Maximum sound pressure level measurement methodology Part 2: Matching of sets with headphones if either or both are offered separately, or are offered as one package equipment but with standardized connectors between the two allowing to combine components of different manufacturers or different design	2013



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	Apr. 02, 2020	Apr. 01, 2021
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	Apr. 02, 2020	Apr. 01, 2021
7	EN50332 database	EN50332	6869.11	Head Acoustics	/	/
8	Sound Calibrator	42AB	32508	G.R.A.S	Apr. 02, 2020	Apr. 01, 2021
9	Signal generator	E4421B	MY43351574	AGILENT	Oct. 08, 2019	Oct. 07, 2020
10	Acoustic Chamber	/	AGC-SA-P002	/	Apr. 02, 2020	Apr. 01, 2021



5. Detailed Test Results

5.1 Maximum output voltage Measurement

5.1.1 Pre-set condition

Output voltage Measurement Test Result			
Device	Times	Left	Right
FM (mV)	1	7	7
Music Player (mV)	1	7	7

Remark: When the power is switch off, the player automatically return to an electrical output shall be $\leq 27\text{mV}$.

5.1.2 Warning information condition

Output voltage Measurement Test Result			
Device	Times	Left	Right
FM (mV)	1	13	13
Music Player (mV)	1	11	11

Remark: Before the warning information appear, the electrical output shall be $\leq 27\text{mV}$.

5.1.3 Maximum Volume condition

Maximum output voltage Measurement Test Result			
Device	Times	Left	Right
FM (mV)	1	75	75
Music Player (mV)	1	58	58

Remark: The maximum electrical output shall be $\leq 150\text{mV}$.

Attachment A Photos of Test Setup



Attachment B
Photos of Product



Fig.1 – overview



Fig.2 – overview



Fig.3 – view of earphone jack

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