

EN 50332-2 TEST REPORT EN 50332-2 测试报告	
Report Reference No. 报告编号.....	SZES180100038601
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Contents 报告页数.....	8 Pages (共8页)
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Standard 标准.....	EN 50332-2: 2013 (SPCV measurement)
Test procedure 测试程序.....	Commission testing 委托测试
Non-standard test method 非标测试法:	N/A 不适用
Test Report Form/blank test report 测试报告模板	
Test Report Form No 报告模板编号. ...	SPL-03-B
TRF originator 报告起源.....	SGS-CSTC
Master TRF	2014-03
Test item Description 样品描述.....	1MORE Spearhead VR Over-Earphones
Trademark 商标.....	--
Model and/or type reference 型号.....	H1005
Manufacturer 制造商.....	1MORE Shenzhen Acoustic Technology Co., Ltd. 加一万摩声学科技(深圳)有限公司 Tianliao Building 1403-1411, Zone A Tianliao Industrial Park, Taoyuan Street, Nanshan District, Shenzhen, China 中国深圳市南山区桃源街道田寮工业区A区田寮大厦1403-1411
Rating(s) 额定参数.....	--

<p>Possible test case verdicts 可引用的测试结果判定:</p> <p>- test case does not apply to the test object 测试不适用于被测样品: N/A (Not Applicable 不适用)</p> <p>- test object does meet the requirement 测试结果符合要求: P (Pass 合格)</p> <p>- test object does not meet the requirement 测试结果不符合要求: F (Fail 不合格)</p>	
<p>Testing 测试:</p> <p>Date of receipt of test item 测试样品接收日期.....: 2017-09-05</p> <p>Date(s) of performance of test 测试日期.....: 2017-09-07</p>	
<p>Summary of testing 测试摘要:</p> <p>The sample(s) tested complies with the requirements of EN 50332-2: 2013. 被测样品符合 EN 50332-2: 2013 的要求。</p> <p>When determining the test conclusion, the Measurement Uncertainty of test has been considered. 报告结论已经考虑测量不确定度。</p>	
<p>General remarks 通用备注:</p> <p>The test results presented in this report relate only to the object tested. 此报告里的测试结果仅和被测样品有关。</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. 此报告未经本实验室书面授权, 不得部分复制。</p> <p>This report only add the Chinese translation based on the original report (Report No.: SZES170800355201, Date: 2017-10-12), all the sample information, client information, testing information and test result in this report are the same as the original report. If any inconsistency, the report in English version will be the final official version. 此报告基于原始报告(编号 SZES170800355201, 发布日期: 2017-10-12)增加中文翻译部分, 报告中所有样品信息, 客户信息, 测试相关信息, 及测试结论均未作任何改变。如有歧义, 请以英文版本报告为准。</p> <p>This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.</p>	
<p>Model differences 型号差异:</p> <p>--</p>	

TEST DESCRIPTION 测试描述

Measurement Method 测试方法

- a. The measuring instruments shall conform to EN 61672-1, class 1 for sound level meters. The acoustical measurements are preferably done by using a suitable Head and Torso Simulator (HATS).
测量仪器应符合 EN61672-1 class 1 声级计的要求，声学测量应选择合适的人头躯干模拟器 (HATS) 来完成。
- b. Earphone/earphones shall be positioned on the HATS correctly, so that the measured sound pressure level is maximized.
为了最大化被测的声压级，耳机/头戴式耳机应正确佩戴到人头躯干模拟器 (HATS) 上。
- c. The sound pressure level emitted by the earphones or headphones is measured, for both right and left ear, by a third octave analyzer connected to the microphone of the HATS ear simulator.
用连接人头躯干模拟器 (HATS) 里面测试麦克风的 1/3 倍频程分析仪测量耳机或头戴式耳机的左右耳输出声压级。
- d. The A-weighted equivalent continuous sound pressure level LAeq shall be determined for each measurement, use an averaging time of 30 seconds or more.
每次测量均采用等效连续 A 计权声压级 LAeq，积分时间至少 30 秒。
- e. The Simulated Programme Signal Characteristic Voltage (SPCV) is the input signal voltage when sound pressure level LAeq reaches 94 dB SPL.
模拟节目信号特性电压 (SPCV) 是当耳机输出等效连续 A 计权声压级达到 94dB 时的输入信号电压。
- f. Tests are repeated five times for each ear, and the headphone shall be removed and repositioned before each measurement.
耳机左右耳分别重复 5 次测量，每次测量均要求重新佩戴耳机。
- g. The Simulated Programme Signal Characteristic Voltage (SPCV) considered as the test result is the mean value of all measurements.
模拟节目信号特性电压 (SPCV) 经过 5 次测量后的平均值即为测试结果。

General Operating Conditions for EUT (If applicable)测试时被测样品的通用设置条件 (如果适用) :

Volume control 音量控制.....: Maximum 最大位置

Tone controls 音调控制.....: Adjusted in order to maximize the sound pressure level
调节至能让耳机输出最大声压级的位置

Other settings 其它设置.....: Shall be adjusted to the maximum sound pressure level
均要求调节至能让耳机输出最大声压级的位置

Measurement Results 测量结果

Test mode 测试模式	Mean value of Left Channel 左耳平均值	Mean value of Right Channel 右耳平均值	Minimum Limit 最小限值	Verdict 判定
Normal 正常	81.8 mV	84.1 mV	75 mV	P (合格)

Remark: According to EN50332-2:2013, the minimum limit as above refers to EN 60950-1:2006/A12:2011 and EN 60065:2002/A12:2011.

备注: 按照 EN50332-2:2013 的要求, 上述的最小限值参考 EN 60950-1:2006/A12:2011 和 EN 60065:2002/A12:2011。

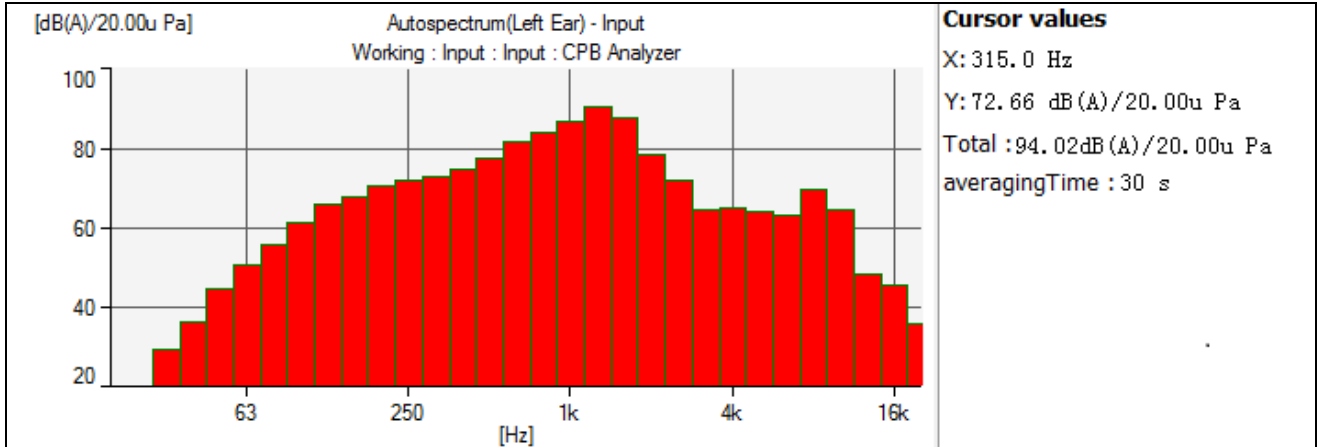
Test details 测试详细

Figure 1: Representative picture indicates sound pressure level LAeq of Left ear reaches 94 dB(A) SPL.

图一：如下测试图片代表耳机的左耳输出等效连续 A 计权声压级达到 94dB。

(Remark: 94 dB(A) SPL showed as a "Total" value in the figure is A-weighted equivalent continuous sound pressure level LAeq, use an averaging time of 30 seconds.

备注：测试图片所示的“Total: 94dB(A)”声压级即为积分时间 30 秒的 94dB 等效连续 A 计权声压级。)



SPCV Measurement (Unit: mV) 模拟节目信号特性电压 (SPCV) 测量 (单位: 毫伏):

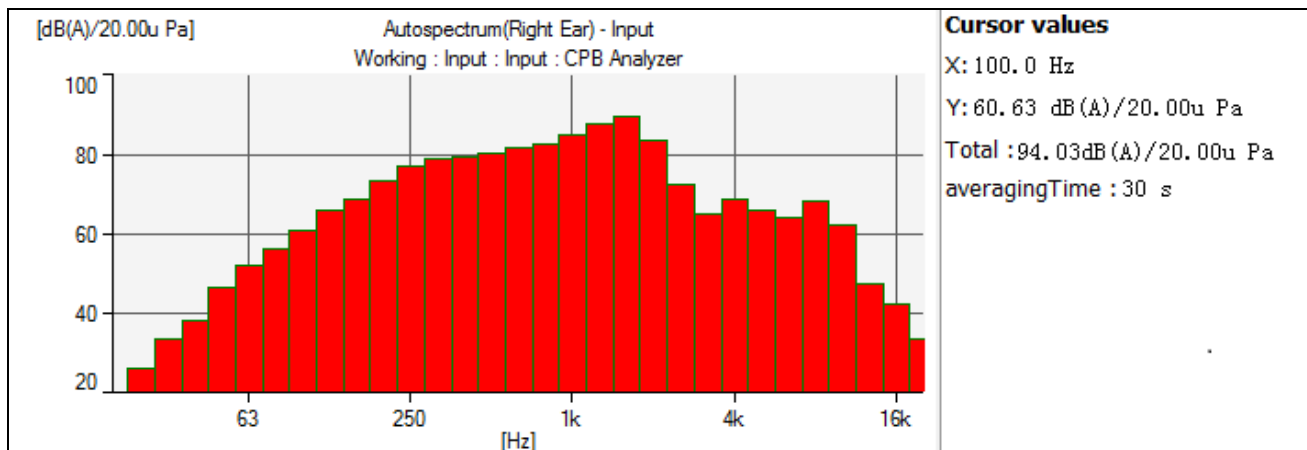
Channel 通道	1 st	2 nd	3 rd	4 th	5 th	Remark 备注
Left 左耳	82.2	81.5	81.5	82.1	81.7	SPCV is the input signal voltage when sound pressure level LAeq reaches 94 dB(A) SPL. 模拟节目信号特性电压 (SPCV) 是当耳机输出等效连续 A 计权声压级 LAeq 达到 94dB 时的输入信号电压。

Figure 2: Representative picture indicates sound pressure level LAeq of Right ear reaches 94 dB(A) SPL.

图二：如下测试图片代表耳机的右耳输出等效连续 A 计权声压级达到 94dB。

(Remark: 94 dB(A) SPL showed as a "Total" value in the figure is A-weighted equivalent continuous sound pressure level LAeq, use an averaging time of 30 seconds.

备注：测试图片所示的“Total: 94dB(A)”声压级即为积分时间 30 秒的 94dB 等效连续 A 计权声压级。)

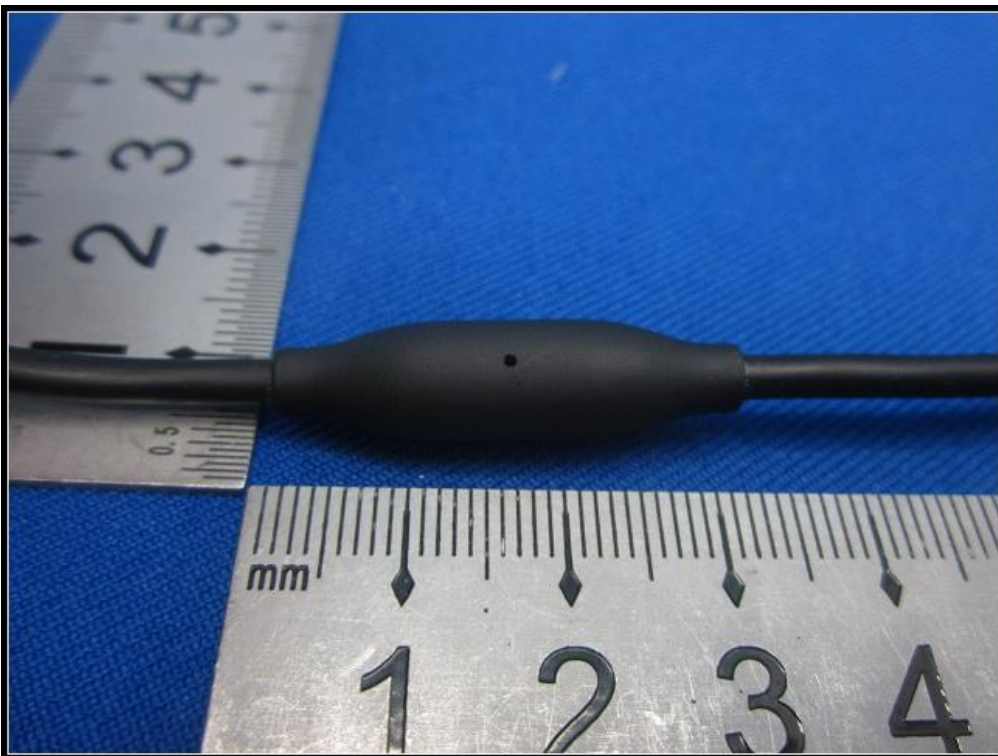


SPCV Measurement (Unit: mV) 模拟节目信号特性电压 (SPCV) 测量 (单位: 毫伏):

Channel 通道	1 st	2 nd	3 rd	4 th	5 th	Remark 备注
Right 右耳	81.5	86.1	86.0	82.9	83.8	SPCV is the input signal voltage when sound pressure level LAeq reaches 94 dB(A) SPL. 模拟节目信号特性电压 (SPCV) 是当耳机输出等效连续 A 计权声压级 LAeq 达到 94dB 时的输入信号电压。

Photo documentation
样品图片







--- End of Report ---