



No. 1 Workshop, M-10, Middle section, Science & Technology Park,  
 Shenzhen, Guangdong, China 518057

Telephone: +86 (0) 755 2601 2053  
 Fax: +86 (0) 755 2671 0594  
 Email: ee.shenzhen@sgs.com

Report No.: SZEM161100957601  
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## **TEST REPORT**

**Application No.:** SZEM1611009576IT  
**Applicant:** 1MORE INC.  
**Address of Applicant:** Administration building A room 201 of Qianhai cooperation district between Shenzhen and Hong Kong, Qianwan Road No.1, Shenzhen City  
**Manufacturer:** 1MORE Shen Zhen Acoustic Technology Co., Ltd.  
**Address of Manufacturer:** Tianliao Building 1403-1411, Zone A Tianliao Industrial Park, Taoyuan Street, Nanshan District, Shenzhen, P.R.China  
**Equipment Under Test (EUT):**  
**EUT Name:** Triple-Driver Over-Ear Headphones  
**Model No.:** 1MEJH0006  
**Standards:** 47 CFR PART 15,Subpart B:2015  
**Date of Receipt:** 2016-11-11  
**Date of Test:** 2016-11-15  
**Date of Issue:** 2016-11-17

<b>Test Result :</b>	<b>Pass*</b>
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\* In the configuration tested, the EUT complied with the standards specified above.



Jack Zhang  
 EMC Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. All test results in this report can be traceable to National or International Standards.

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## 2 Test Summary

Item	Standard	Method	Class	Result
Radiated Disturbance (30MHz-1GHz)	47 CFR PART 15,Subpart B:2015	ANSI C63.4	Class B	Pass



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## 4 General Information

### 4.1 Details of E.U.T.

Power Supply: Supply by mobile phone  
Cable: EUT cable: 135cm unshielded

### 4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
iPhone 4	Apple	A1349	C37HL4GXDP0N



### 4.3 Standards Applicable for Testing

Table 1 : Tests Carried Out Under 47 CFR PART 15,Subpart B:2015

Method	Item	Status
ANSI C63.4	Conducted Disturbance at Mains Terminals (150kHz-30MHz)	×
ANSI C63.4	Radiated Disturbance(30MHz-1GHz)	√
ANSI C63.4	Radiated Disturbance(above 1GHz)	×

- × Indicates that the test is not applicable  
√ Indicates that the test is applicable



#### **4.4 Test Location**

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle section, Science & Technology Park, Shenzhen, Guangdong,  
China 518057

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

#### **4.5 Test Facility**

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

**•CNAS (No. CNAS L2929)**

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

**• A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

**• VCCI**

The 10m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-823, R-4188, T-1153 and C-2383 respectively.

**• FCC – Registration No.: 556682**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 556682.

**• Industry Canada (IC)**

Two 3m Semi-anechoic chambers and the 10m Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1, 4620C-2, 4620C-3.

#### **4.6 Deviation from Standards**

None

#### **4.7 Abnormalities from Standard Conditions**

None

## 5 Equipment List

Radiated Disturbance(30MHz-1GHz)						
Item	Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
1	10m Semi-Anechoic Chamber	SAEMC	FSAC1018	SEM001-03	2016-05-13	2017-05-13
2	EMI Test Receiver (9k-3GHz)	Rohde & Schwarz	ESCI	SEM004-01	2016-04-25	2017-04-25
3	Trilog-Broadband Antenna (30M-1GHz)	Schwarzbeck	VULB9168	SEM003-18	2016-06-29	2019-06-29
4	Pre-amplifier	Sonoma Instrument Co	310N	SEM005-03	2016-07-06	2017-07-06

General used equipment						
Item	Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
1	Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B	SEM002-03	2016-10-12	2017-10-12
2	Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B	SEM002-04	2016-10-12	2017-10-12
3	Humidity/ Temperature Indicator	Mingle	N/A	SEM002-08	2016-10-12	2017-10-12
4	Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2016-05-18	2017-05-18

## 6 Emission Test Results

### 6.1 Radiated Disturbance(30MHz-1GHz)

Test Requirement:	47 CFR PART 15,Subpart B:2015
Test Method:	ANSI C63.4
Frequency Range:	30MHz to 1GHz
Limit:	
30MHz -88MHz	29.5(dBμV/m) quasi-peak
88MHz-216MHz	33.1(dBμV/m) quasi-peak
216MHz-960MHz	35.6(dBμV/m) quasi-peak
960MHz-1000MHz	43.5(dBμV/m) quasi-peak
Detector:	Peak for pre-scan (120kHz resolution bandwidth) 30M to1000MHz

#### 6.1.1 E.U.T. Operation

Operating Environment:			
Temperature:	25.0 °C	Humidity:	55 % RH
		Atmospheric Pressure:	1005 mbar
Test mode:	a: On mode, build the connection between EUT and mobile phone, keep EUT playing with the standard testing signal.		
The worst case for final test:	a: On mode, build the connection between EUT and mobile phone, keep EUT playing with the standard testing signal.		

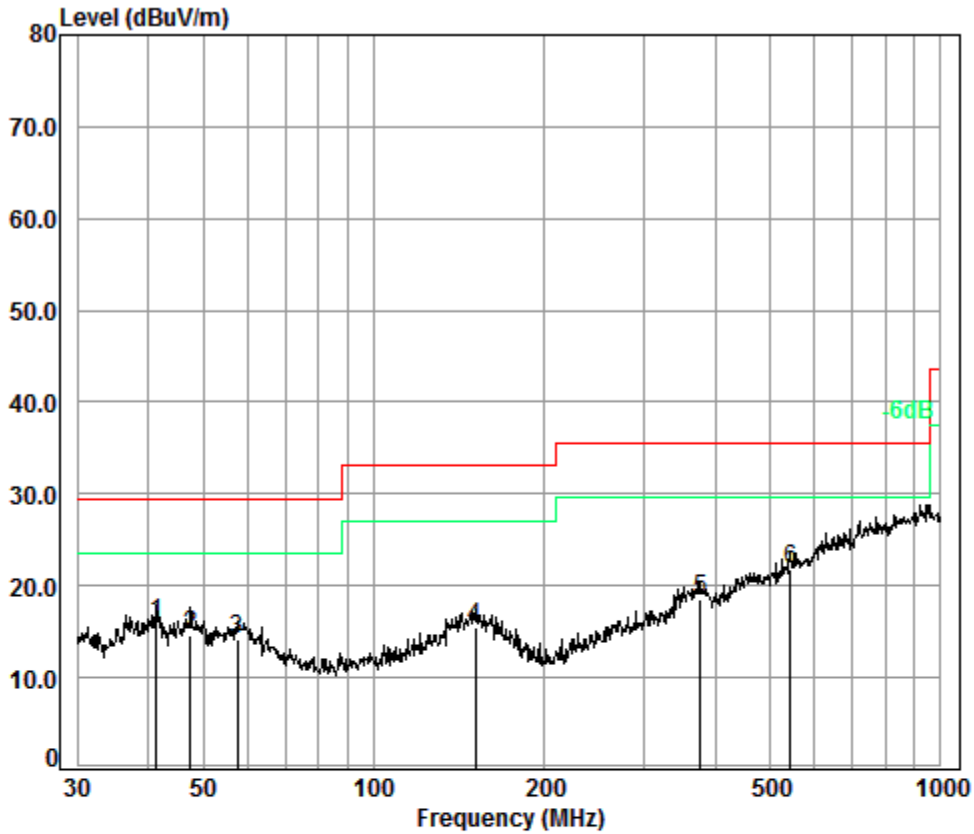
#### 6.1.2 Measurement Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.





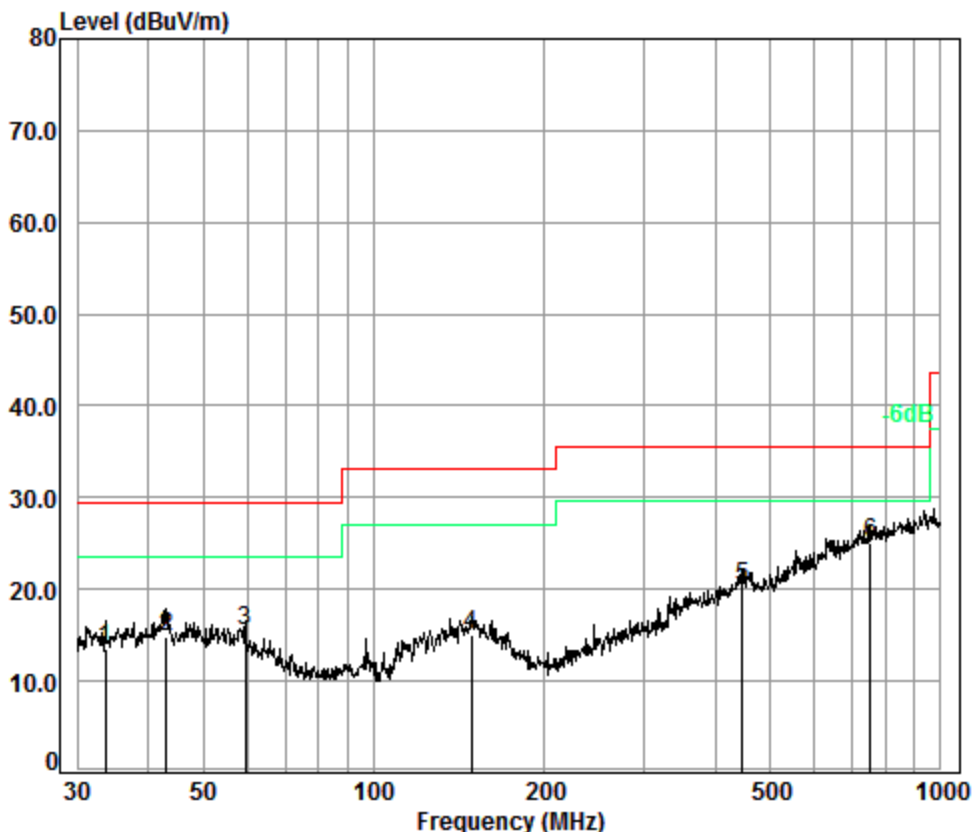
Mode:a;Polarization:Horizontal



Condition: 10m HORIZONTAL  
Job No. : 9576IT  
Test Mode: a

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 pp	41.42	6.80	13.20	32.99	28.87	15.88	29.50	-13.62
2	47.49	6.85	12.84	33.00	27.92	14.61	29.50	-14.89
3	57.39	7.00	12.19	32.96	27.91	14.14	29.50	-15.36
4	151.07	7.46	13.41	32.74	27.38	15.51	33.10	-17.59
5	377.26	8.30	14.43	32.60	28.37	18.50	35.60	-17.10
6	543.27	8.76	17.61	32.60	27.94	21.71	35.60	-13.89

Mode:a;Polarization:Vertical



Condition: 10m VERTICAL

Job No. : 9576IT

Test Mode: a

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	33.68	6.70	12.60	32.98	27.19	13.51	29.50	-15.99
2	43.05	6.80	13.06	32.99	27.92	14.79	29.50	-14.71
3	59.44	7.00	12.04	32.95	29.39	15.48	29.50	-14.02
4	148.96	7.45	13.34	32.74	26.93	14.98	33.10	-18.12
5	447.98	8.42	16.13	32.60	28.34	20.29	35.60	-15.31
6 pp	752.74	9.20	20.80	32.60	27.56	24.96	35.60	-10.64

## 7 Photographs

### 7.1 Radiated Disturbance(30MHz-1GHz) Test Setup



## 7.2 EUT Constructional Details

