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TEST REPORT

Application No.: SZEMO060300460AV
Applicant: yellowdays LLC
Equipment Under Test (EUT):
EUT Name: earphone reverse-sound technology
Item No.: RS061
Country of Distination: Europe
Standards: EN 61000-6-3 : 2001+ A11: 2004 & EN 61000-6-1 : 2001
Date of Receipt: 20 March 2006
Date of Test: 20 March 2006
Date of Issue: 21 March 2006

Test Result :

PASS*

* In the configuration tested, the EUT complied with the standards specified above.

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

Robinson Lo
Laboratory Manager



This report refers to the General Conditions for Inspection and Testing Services, printed overleaf.

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the SGS PRODUCT CERTIFICATION MARK. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. 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.



2 Test Summary

Test	Test Requirement	Test Method	Class / Severity	Result
Radiated Emission	EN 61000-6-3: 2001 + A11 : 2004	N/A	Clause 8 of EN 61000-6-3	PASS
ESD	EN 61000-6-1: 2001	N/A	±2, 4 kV Contact ±2, 4, 8 kV Air	PASS
Radiated Immunity (80MHz to 1GHz)	EN 61000-6-1: 2001	N/A	3V/m, 80%, 1kHz, Amp. Mod.	PASS

N/A: not applicable. Please refer to Section 6 & Section 7 for further details.



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4 General Information

4.1 Client Information

Applicant: yellowdays LLC
Address of Applicant: 6818 Alta Vista Dr Rancho Palos Verdes, CA 90275 USA

4.2 General Description of E.U.T.

EUT Name: earphone reverse-sound technology
Item No.: RS061
Serial No.: Not supplied by client

4.3 Details of E.U.T.

Power Supply: Supplied by the Host
Audio Cable: 2 * 120CM

4.4 Description of Support Units

The EUT has been tested as an independent unit.

4.5 Standards Applicable for Testing

The customer requested EMC tests for earphone reverse-sound technology.

The standards used were EN 61000-6-3: 2004 (Emissions) & EN61000-6-1:2001(Immunity)

Table 1 : Tests Carried Out Under EN 61000-6-3: 2001+ A11: 2004

Standard		Status
EN 55022 : 1998 + A1:2000 + A2:2003	Radiated Emissions	×
EN 55022 : 1998 + A1:2000 + A2:2003	Conducted Emissions on AC	×
EN 61000-3-2 : 2000	Harmonic Emissions on AC	×
EN 61000-3-3 : 1995 + A1:2001	Flicker Emissions on AC	×
EN 55014-1 : 2000 + A1:2001 + A2:2002	Discontinuous Emissions on AC	×

× Indicates that the test is not applicable.

√ Indicates that the test is applicable.

Note: The EUT is powered by built-in batteries and without external electric connection.



Table 2 : Tests Carried Out Under EN 61000-6-1: 2001

TEST	Cat I	Cat II	Cat III	Cat IV
EN 61000-4-2: 1995+A1:1998+A2:2001 ESD		o	o	o
EN 61000-4-4: 1995+A1:2001+A2:2001 Fast transients		o		o
EN 61000-4-6: 1996+A1:2001 Injection currents up to 230 MHz		o		
EN 61000-4-5: 1995+A1: 2001 Surge		o		o
EN 61000-4-11: 1994+A1:2001 Voltage dips		o		o
EN 61000-4-6: 1996+A1:2001 Injection currents up to 80 MHz				o
EN 61000-4-3: 2002+A1:2002 Radio frequency EM fields			o	o
EN 61000-6-1: 2001 None	√			
o Indicates the testing requirements for each category of equipment				
x Indicates that the test is not applicable				
√ Indicates that the test is applicable				

4.6 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory,

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

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

No tests were sub-contracted.



4.7 Test Facility

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

- **VCCI**

The 3m Semi-anechoic chamber and Shielded Room (7.5m x 4.0m x 3.0m) of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-2197 and C-2383 respectively.
Date of Registration: September 29, 2005. Valid until September 28, 2008.

- **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 556682, Aug. 04, 2005.

- **Industry Canada (IC)**

The 3m Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 6002.

4.8 Deviation from Standards

None.

4.9 Abnormalities from Standard Conditions

None.

4.10 Monitoring of EUT for All Immunity Test

Visual: N/A

Audio: N/A

5 Equipments Used during Test

General used equipment					
Item	Test Equipment	Manufacturer	Serial No.	Cal.Date (dd-mm-yy)	Cal.Duedate (dd-mm-yy)
1	Temperature, Humidity & Barometer	OREGON/VAISALA/ TESTO/ANDTEK	EMC0001 to EMC0004	30-08-2005	29-08-2006
2	DMM	Fluke	70681569 or 70671122	01-09-2005	31-08-2006



6 Emission Test Results

Test Requirement: EN 61000-6-3
Test Method: N/A: See Remark Below

There is no need for emission tests to be performed on this product in accordance with standard EN 61000-6-3.

For further details, please refer to clause 8 of EN 61000-6-3 which states:

“ It may be determined from consideration of the electrical characteristics and usage of a particular apparatus that some of the measurements are inappropriate and therefore unnecessary. In such a case it is required that the decision not to measure be recorded in the test report.”

7 Immunity Test Results

Test Requirement: EN 61000-6-1
Test Method: N/A: See Remark Below

The application of tests for evaluation of immunity depends on the particular apparatus, its configuration, its ports, its technology and its operating conditions.

Test shall be applied to the relevant ports of the apparatus according to tables 1 to 5. Tests shall only be carried out where the relevant ports exist.

It may be determined from consideration of the electrical characteristics and usage of a particular apparatus that some of the tests are inappropriate and therefore unnecessary. In such a case it is required that the decision and justification not to test shall be recorded in the test report.

8 Photographs- EUT Constructional Details

