



No.198 Kezhu Road, Science Town Economic& Technology  
Development District Guangzhou, China 510663

Telephone: +86 (0) 20 82155555  
Fax: +86 (0) 20 82075059  
Email: sgs\_internet\_operations@sgs.com

## VERIFICATION OF EMC COMPLIANCE

Verification No.: GLEMR070200303AVEV  
Applicant: ISS MANUFACTURING LTD.  
Address of Applicant: UNIT 604-606, 6/F., PHASE II, CHAI WAN  
INDUSTRIAL CITY, 70 WING TAI ROAD, CHAI WAN,  
HONGKONG  
Product Description: HEADSET WITH MICROPHONE, AUDIO SWITCH  
Model No: STX-5031 / STX-5032 / STX-5033,  
SPRO-5031 / SPRO5032 / SPRO-5033  
Sufficient samples of the product have been tested and found to be in conformity with  
Test Standard: EN 61000-6-3: 2001 + A11: 2004 & EN 61000-6-1:  
2001  
As shown in the  
Test Report Number(s): GLEMR070200303AVE

This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on the sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and Directive 2004/108/EC as last amended by Directive 93/68/EEC. 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. The affixing of the CE marking presumes in addition that the conditions in annexes III and V of the Directive are fulfilled.



Date: 06 February 2007

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Member of the SGS Group (SGS SA)



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Report No.: GLEMR070200303AVE

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## TEST REPORT

**Application No.:** GLEMR070200303AV  
**Applicant:** ISS MANUFACTURING LTD.  
**Equipment Under Test (EUT):**  
**EUT Name:** HEADSET WITH MICROPHONE, AUDIO SWITCH  
**Item No.:** STX-5031 / STX-5032 / STX-5033, SPRO-5031 / SPRO5032 / SPRO-5033  
**Serial No.:** Not supplied by client  
**Standards:** EN 61000-6-3: 2001 + A11: 2004 & EN 61000-6-1: 2001  
**Date of Receipt:** 05 February 2007  
**Date of Test:** N/A  
**Date of Issue:** 06 February 2007

<b>Test Result :</b>	<b>PASS*</b>
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\* The EUT complies with the standards specified above as the product is under the EMC directive. Please refer to section 2 of this report for further details.

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.



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

The customer requested EMC tests for a HEADSET WITH MICROPHONE, AUDIO SWITCH.				
Test	Test Requirement	Test Method	Class / Severity	Result
Emission	EN 61000-6-3: 2001 +A11:2004	N/A	Clause 8 of EN 61000-6-3	N/A
Immunity	EN 61000-6-1: 2001	N/A	Clause 8 of EN 61000-6-1	N/A

N/A: not applicable. Please refer to Section 5 & Section 6 for further details.



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## 4 General Information

### 4.1 Client Information

Applicant: ISS MANUFACTURING LTD.  
Address of Applicant: UNIT 604-606, 6/F., PHASE II, CHAI WAN INDUSTRIAL CITY, 70 WING TAI ROAD, CHAI WAN, HONGKONG

### 4.2 General Description of E.U.T.

EUT Name: HEADSET WITH MICROPHONE, AUDIO SWITCH  
Item No.: STX-5031 / STX-5032 / STX-5033,  
SPRO-5031 / SPRO5032 / SPRO-5033  
Serial No.: Not supplied by client

### 4.3 Details of E.U.T.

Power Supply: - N/A-  
Power Cord: - N/A-

### 4.4 Description of Support Units

N/A

### 4.5 Test Location

All tests (if necessary) were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou EMC Laboratory, No.198 Kezhu Road, Science Town Economic & Technology Development District Guangzhou, China 510663

Tel: +86 20 82155555 Fax: +86 20 82075059

No tests were sub-contracted.

#### 4.6 Test Facility

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

- **NVLAP – Lab Code: 200611-0**

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou EMC Laboratory is recognized under the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 200611-0.

- **ACA**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our NVLAP accreditation.

- **SGS UK(Certificate No.: 32), SGS-TUV SAARLAND and SGS-FIMKO**

Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES.

- **CNAS L0167**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been assessed and in compliance with CNAS-CL01:2006 accreditation criteria for testing laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of Testing Laboratories.

- **FCC – Registration No.: 282399**

SGS-CSTC Standards Technical Services Co., Ltd., 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 282399, May 31, 2002. With the above and NVLAP's accreditation, SGS-CSTC is an authorized test laboratory for the DoC process.

- **Industry Canada (IC)**

The 3m/10m Alternate 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.: 4620B-1.

Date of Registration: Jan 15, 2007. Valid until Jan 15, 2009

- **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.: R-2460 and C-2584 respectively.

#### 4.7 Deviation from Standards

None

#### 4.8 Abnormalities from Standard Conditions

None.

#### 4.9 Monitoring of EUT for All Immunity Test

N/A

## 5 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. Since the EUT does not contain emission source circuit or component inside

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."

## 6 Immunity Test Results

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

There is no need for immunity tests to be performed on this product in accordance with standard EN 61000-6-1. Since the EUT does not contain electromagnetic susceptible electronic circuit or component inside.

For further details, please refer to clause 8 of EN61000-6-1 which states:

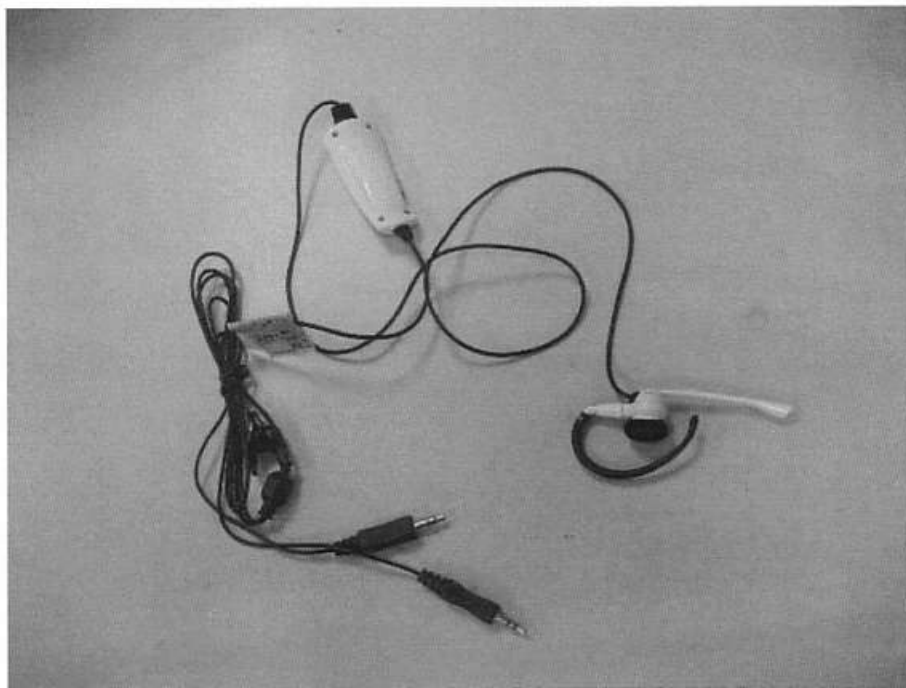
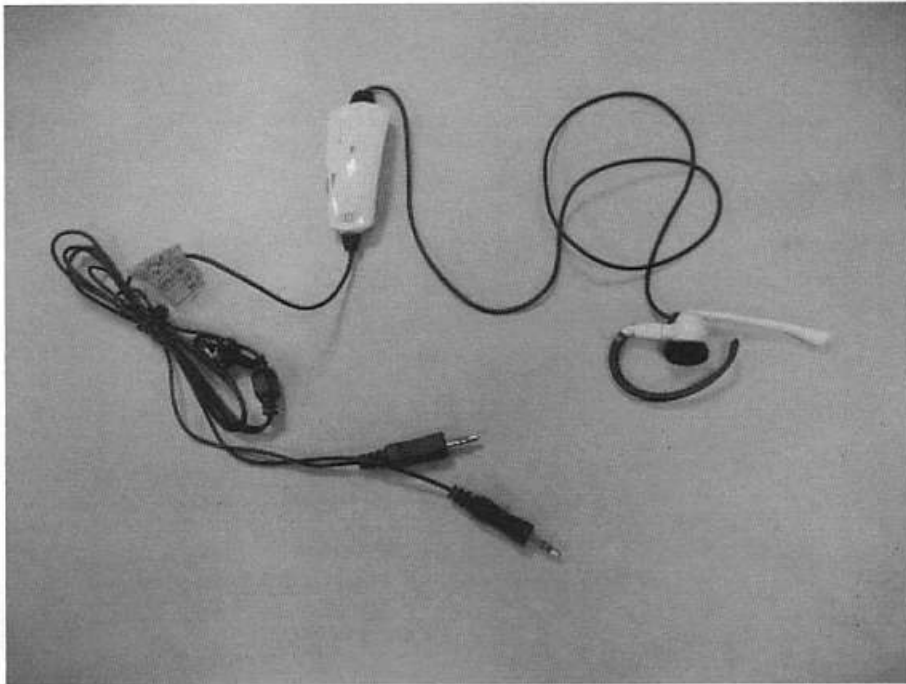
" It was determined from consideration of the electrical characteristics and usage of a particular apparatus that some of the tests are inappropriate and therefore unnecessary."

**7 Photographs – EUT Constructional Details**









## **EC Declaration of Conformity**

### **Council Directive 2004/108/EC on Electromagnetic Compatibility**

We, ISS MANUFACTURING LTD.  
UNIT 604-606, 6/F., PHASE II, CHAI WAN INDUSTRIAL CITY, 70  
WING TAI ROAD, CHAI WAN, HONGKONG

Certify that the product described is in conformity with the  
Directive 2004/108/EC as last amended by Directive 93/68/EEC

Product Name:  
HEADSET WITH MICROPHONE, AUDIO SWITCH  
Item No: STX-5031 / STX-5032 / STX-5033,  
SPRO-5031 / SPRO5032 / SPRO-5033

The product has been assessed by the application of the following standards:

EN 61000-6-3: 2001 + A11: 2004 & EN 61000-6-1: 2001

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Issue date

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Company stamp and Signature  
of authorized personnel