



SGS-CSTC Standards Technical Services Co., Ltd.

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District Guangzhou, China 510663

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Report No.: GLEMO060300519ITE
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TEST REPORT

Application No.: GLEMO060300519IT
Applicant: ISS MANUFACTURING LTD.
Equipment Under Test (EUT):
EUT Name: HEADSET WITH MICROPHONE, AUDIO SWITCH
Item No.: SPRO5001, SPRO5002, SPRO-5003
Serial No.: Not supplied by client
Standards: EN 61000-6-3 : 2001+A11:2004 & EN 61000-6-1 : 2001
Date of Receipt: 16 March 2006
Date of Test: N/A
Date of Issue: 20 March 2006

Test Result :	PASS*
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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.

Member of the SGS Group (SGS SA)



2 Test Summary

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 SPRO5001, SPRO5002, SPRO-5003
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 Standards Applicable for Testing

The customer requested EMC tests for a HEADSET WITH MICROPHONE, AUDIO SWITCH
The standards used were EN 61000-6-3 (Emissions) & EN 61000-6-1 (Immunity)

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

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

x Indicates that the test is not applicable

Note The EUT contains no electronics at all and hence no tests need to be performed according to standard EN 61000-6-3

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

Standard	Status
EN 61000-4-2 1995 + A1 1998+ A2 2001 Electro-static discharge	×
EN 61000-4-3 2002+A1 2002 Radio frequency EM fields (80MHz to 1GHz)	×
EN 61000-4-4 1995+A1 2001+A2 2001 Fast transients	×
EN 61000-4-5 1995 +A1 2001 Surges	×
EN 61000-4-6 1996+A1 2001 Radio frequency continuous conducted (150kHz to 80MHz)	×
EN 61000-4-8 1993+A1 2001 Power-frequency magnetic field (50Hz)	×
EN 61000-4-11 1994+A1 2001 Voltage dips & interruptions	×

× Indicates that the test is not applicable

Note The EUT contains no electronics at all and hence no tests need to be performed according to standard EN 61000-6-1

4.6 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

4.7 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 Effective through December 31, 2006
- **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
- **VCCI**
The 3m Semi-anechoic chamber and Shielded Room (11.5m x 4m x 4m) of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No. R-1599 and C-1706 respectively
Date of Registration: June 01, 2005 Valid until February 22, 2008
- **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
- **CNAL – LAB Code: L0141**
SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been assessed and in compliance with CNAL/AC01 2002 accreditation criteria for testing laboratories (identical to ISO/IEC 17025 1999 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 authorised test laboratory for the DoC process
- **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. 5169

4.8 Deviation from Standards

None

4.9 Abnormalities from Standard Conditions

None

4.10 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

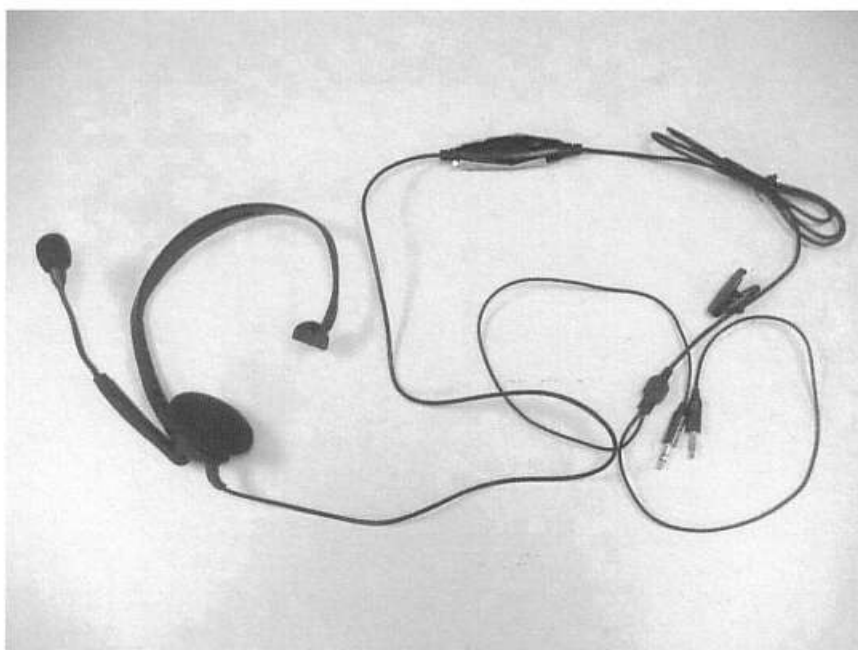
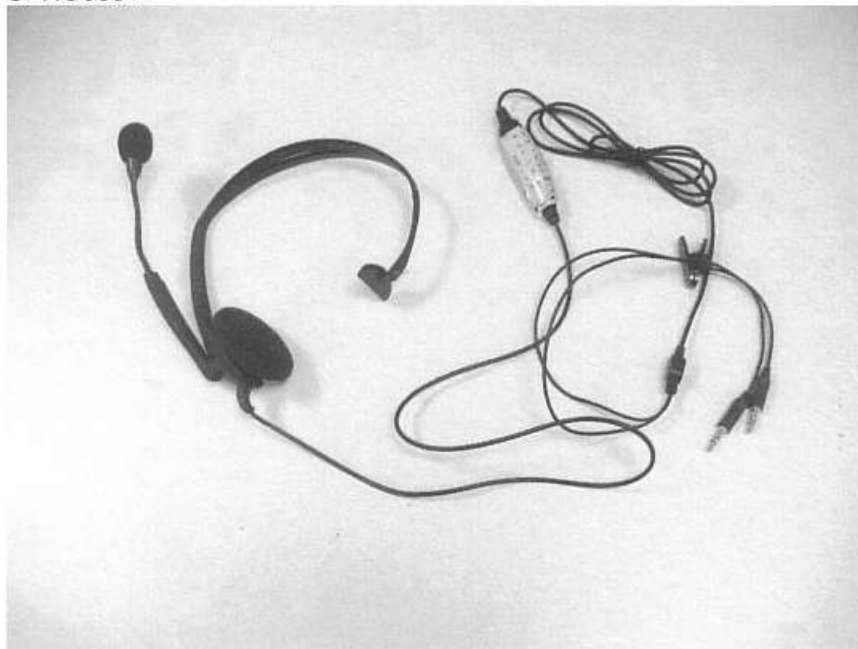
There is no need for immunity tests to be performed on this product in accordance with standard EN 61000-6-1. Since the EUT does not contain electromagnetic susceptible electronic circuit or component inside

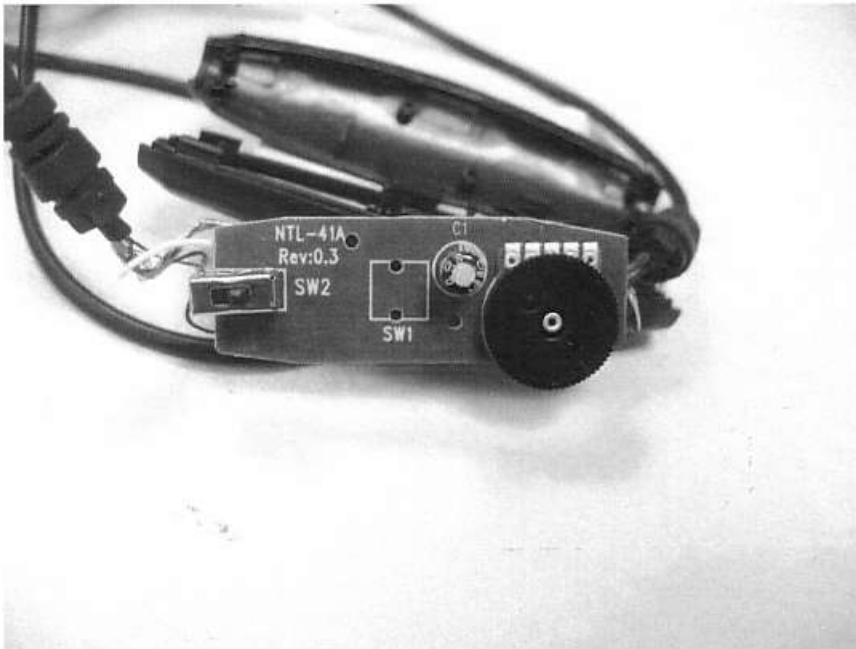
For further details, please refer to clause 8 of EN61000-6-1 which states

" 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

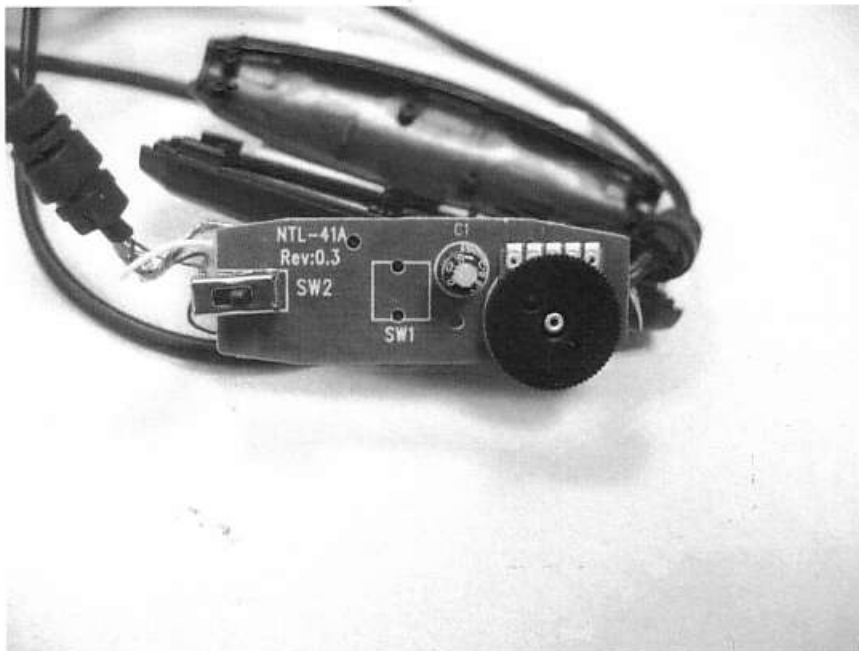
SPRO5001



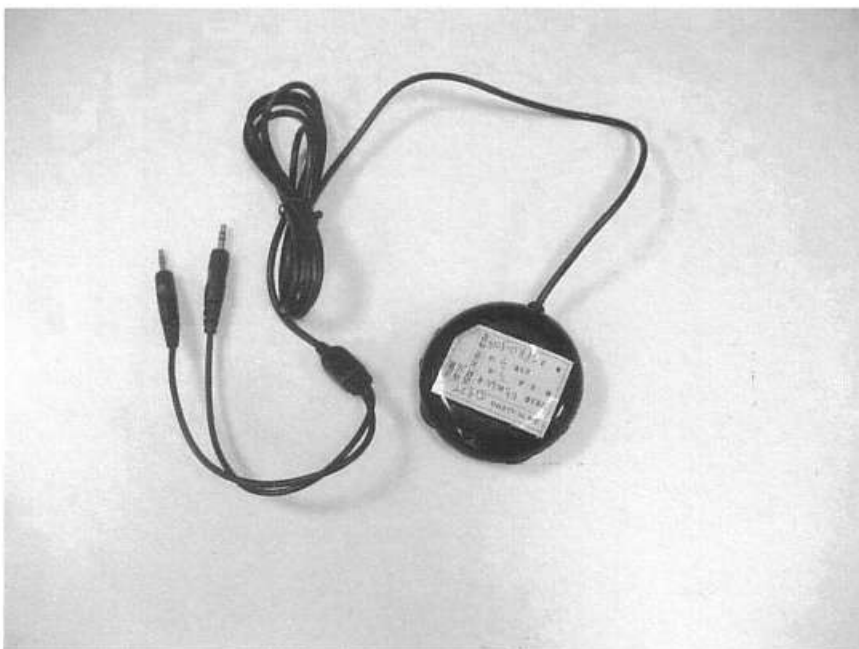
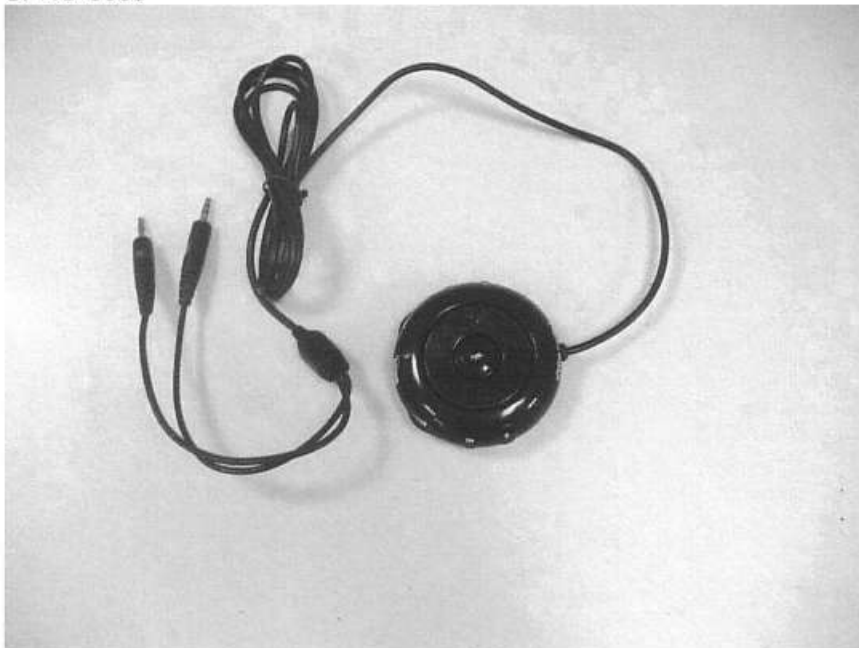


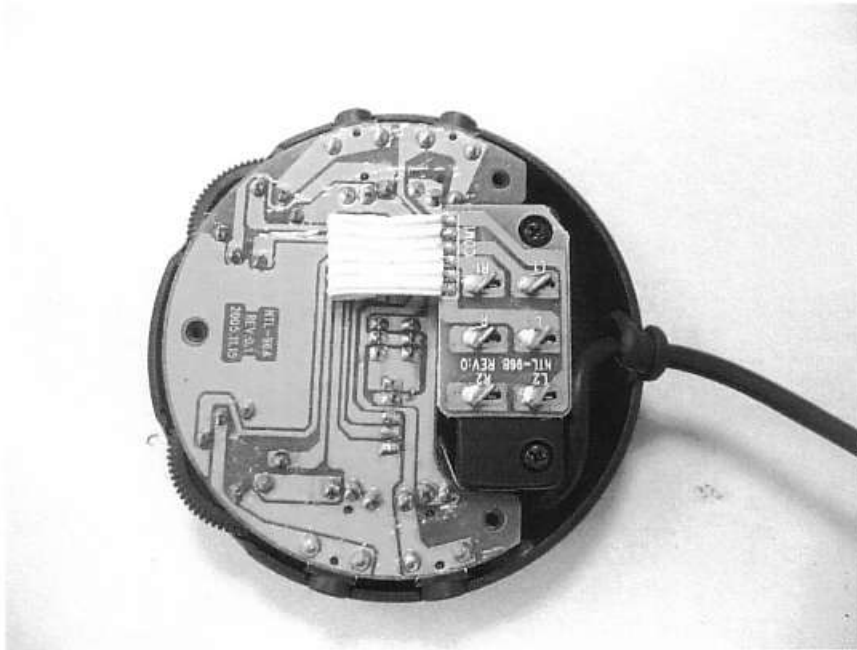
SPRO5002





SPRO-5003





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.: SPRO5001, SPRO5002, SPRO-5003

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

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

Issue date

Company stamp and Signature
of authorized personnel



SGS-CSTC Standards Technical Services Co., Ltd.

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Applicant: ISS MANUFACTURING LTD.
Equipment Under Test (EUT):
EUT Name: HEADSET WITH MICROPHONE, AUDIO SWITCH
Item No.: SPRO5001, SPRO5002, SPRO-5003
Serial No.: Not supplied by client
Standards: EN 61000-6-3 : 2001+A11:2004 & EN 61000-6-1 : 2001
Date of Receipt: 16 March 2006
Date of Test: N/A
Date of Issue: 20 March 2006

Test Result :	PASS*
----------------------	--------------

* 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


Jeff Zhao
Manager



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Member of the SGS Group (SGS SA)



2 Test Summary

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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4.2 General Description of E.U.T.

EUT Name HEADSET WITH MICROPHONE, AUDIO SWITCH
Item No SPRO5001, SPRO5002, SPRO-5003
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 Standards Applicable for Testing

The customer requested EMC tests for a HEADSET WITH MICROPHONE, AUDIO SWITCH
The standards used were EN 61000-6-3 (Emissions) & EN 61000-6-1 (Immunity)

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EN 61000-3-3 1995 + A1 2001	Flicker Emissions on AC		x
EN 55014-1 2000 + A1 2001+A2 2002	Discontinuous Emissions on AC		x

x Indicates that the test is not applicable

Note The EUT contains no electronics at all and hence no tests need to be performed according to standard EN 61000-6-3

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

Standard	Status
EN 61000-4-2 1995 + A1 1998+ A2 2001 Electro-static discharge	×
EN 61000-4-3 2002+A1 2002 Radio frequency EM fields (80MHz to 1GHz)	×
EN 61000-4-4 1995+A1 2001+A2 2001 Fast transients	×
EN 61000-4-5 1995 +A1 2001 Surges	×
EN 61000-4-6 1996+A1 2001 Radio frequency continuous conducted (150kHz to 80MHz)	×
EN 61000-4-8 1993+A1 2001 Power-frequency magnetic field (50Hz)	×
EN 61000-4-11 1994+A1 2001 Voltage dips & interruptions	×

× Indicates that the test is not applicable

Note The EUT contains no electronics at all and hence no tests need to be performed according to standard EN 61000-6-1

4.6 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

4.7 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 Effective through December 31, 2006
- **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
- **VCCI**
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Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES
- **CNAL – LAB Code: L0141**
SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been assessed and in compliance with CNAL/AC01 2002 accreditation criteria for testing laboratories (identical to ISO/IEC 17025 1999 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 authorised test laboratory for the DoC process
- **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. 5169

4.8 Deviation from Standards

None

4.9 Abnormalities from Standard Conditions

None

4.10 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

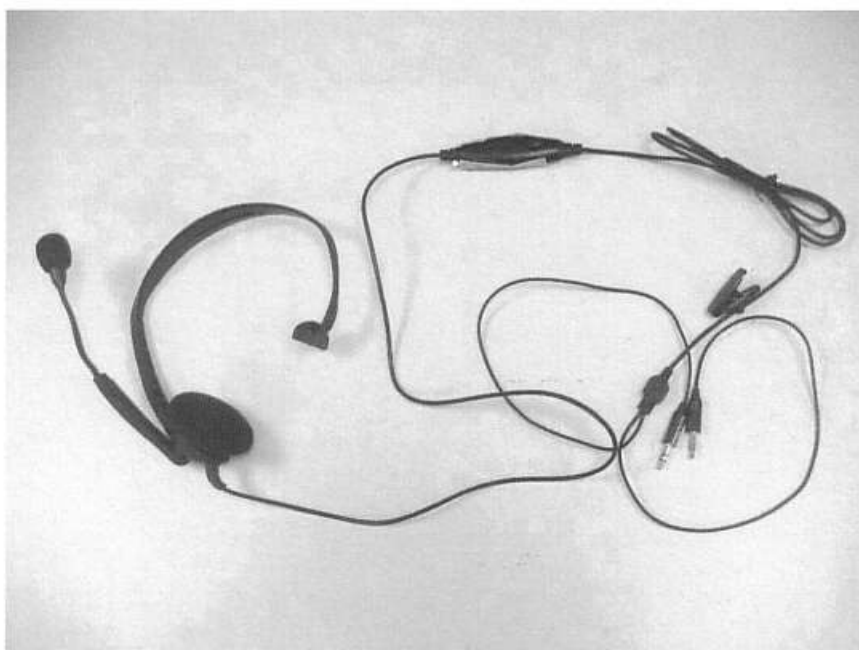
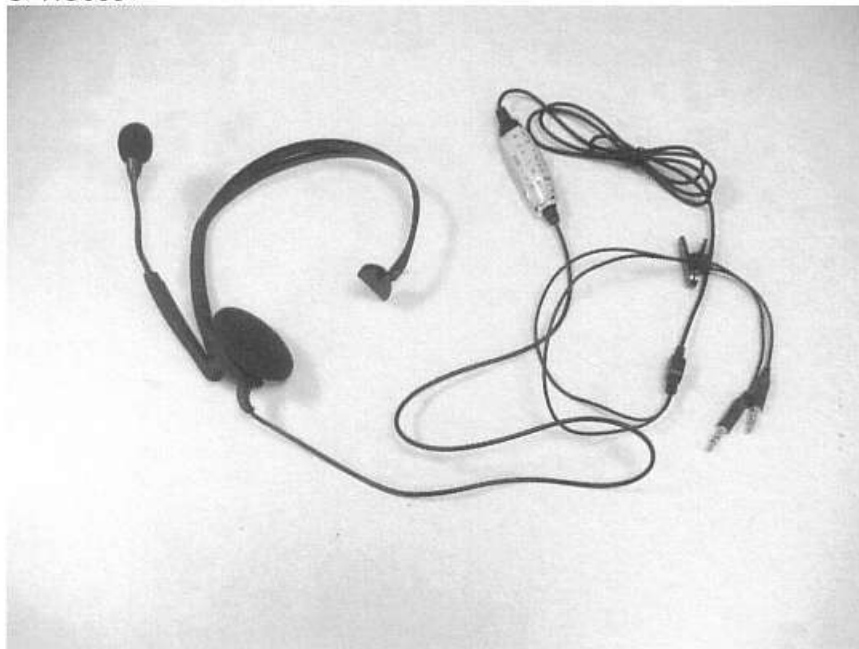
There is no need for immunity tests to be performed on this product in accordance with standard EN 61000-6-1. Since the EUT does not contain electromagnetic susceptible electronic circuit or component inside.

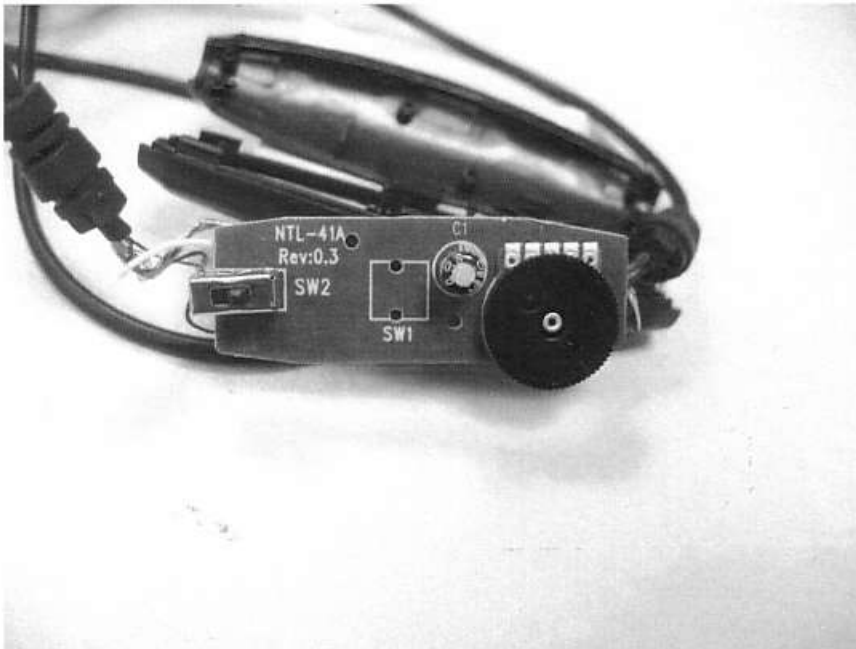
For further details, please refer to clause 8 of EN 61000-6-1 which states:

" 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

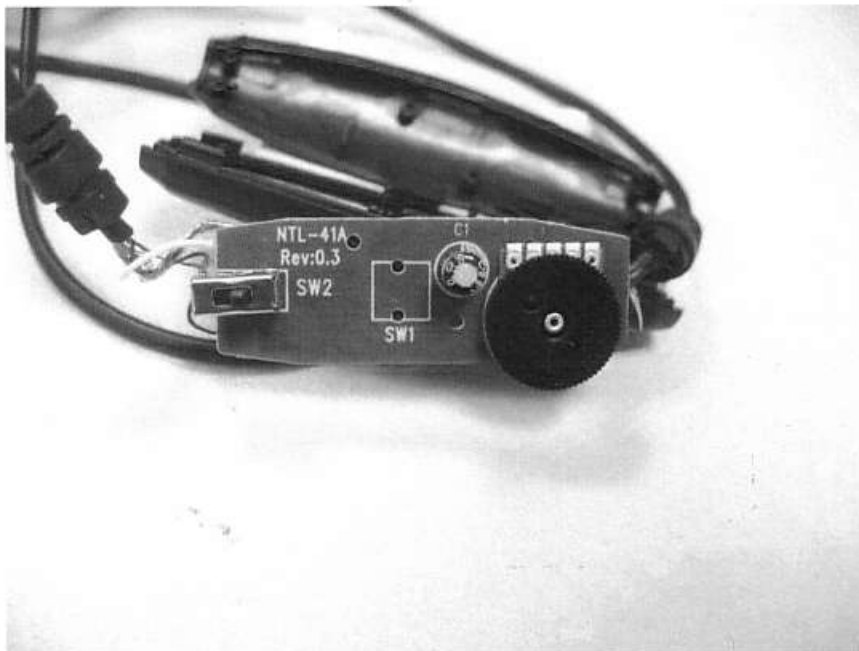
SPRO5001



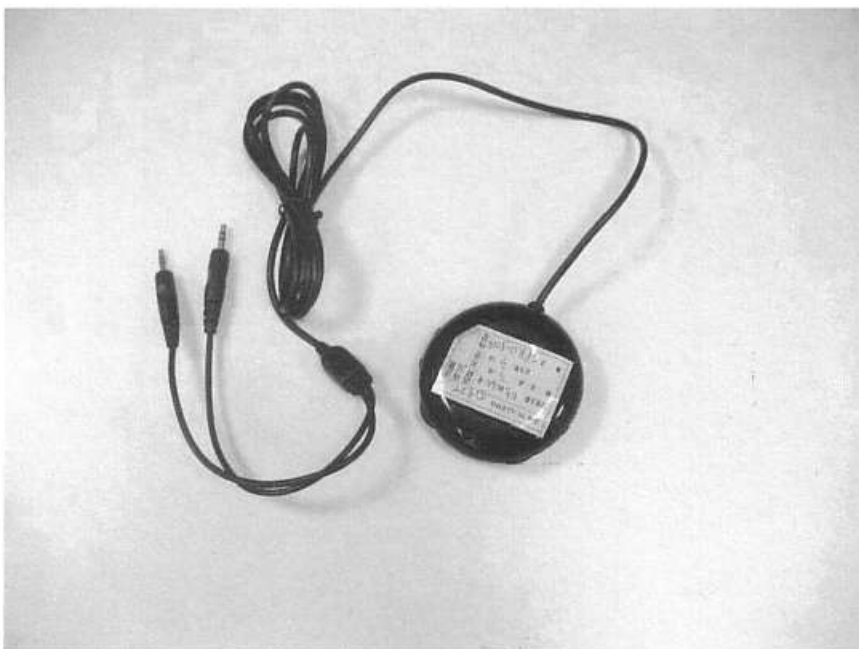
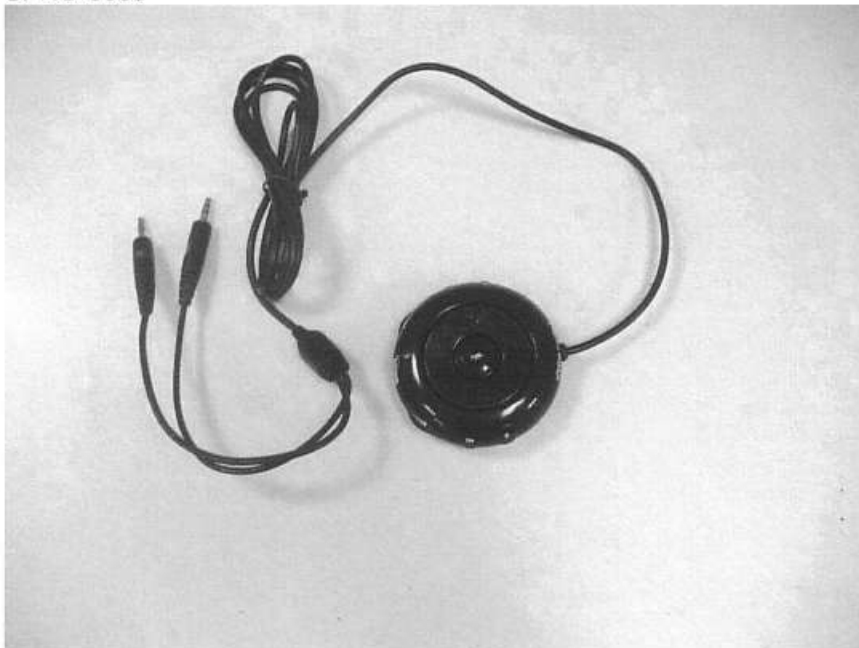


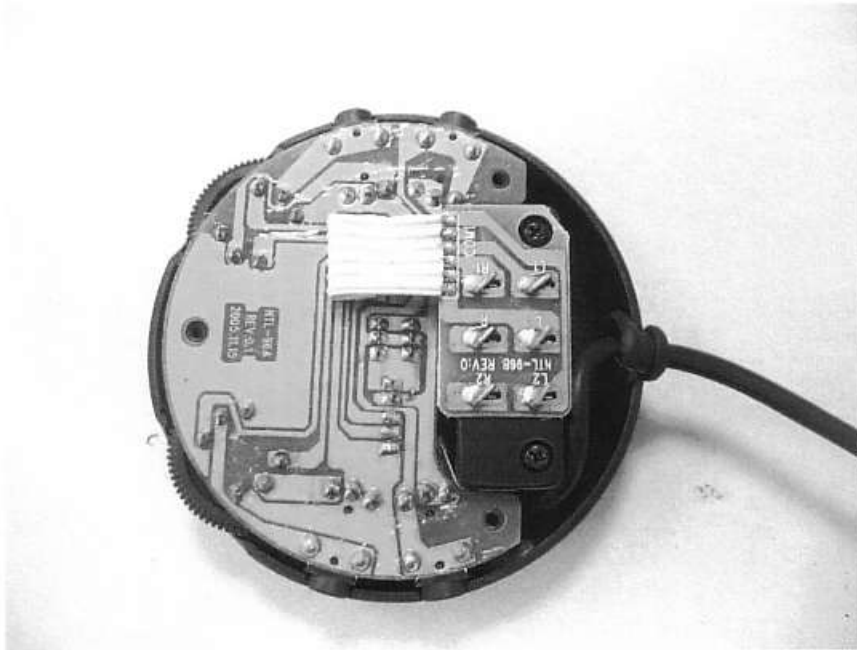
SPRO5002





SPRO-5003





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.: SPRO5001, SPRO5002, SPRO-5003

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

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

Issue date

Company stamp and Signature
of authorized personnel