

**SGS-CSTC Standards
Technical Services Co., Ltd.**

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FCC TEST REPORT(DOC)

Application No.: SHEMO051000477IT

Applicant: YA HSIN INDUSTRIAL CO., LTD.

Equipment Under Test (EUT):

NOTE: The following samples submitted were identified on behalf of the client as

EUT Name: CHARGER

Model No.: T400

Serial No.: Not supplied by client

Standards: CFR 47 part 2: 2004,
CFR 47 Part 15: 2005,
ANSI C63.4: 2003

Date of Receipt: 12 October 2005

Date of Test: 12 October 2005 to 1 November 2005

Date of Issue: 2 November 2005

| | |
|----------------------|-------------|
| Test Result : | PASS |
|----------------------|-------------|

Authorized Signature:



Tino Pan
E&E Section Head
SGS-CSTC Co., Ltd.



Chester Zhao
E&E Project Engineer
SGS-CSTC Co., Ltd

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.

All test results in this report can be traceable to National or International Standards.

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2 Test Summary

| Test | Test Requirement | Test Method | Class / Severity | Result |
|------------------------------------|-------------------------|--------------------|-------------------------|---------------|
| Radiated Emission 30MHz-1000MHz | CFR 47 Part 15 | ANSI C63.4: 2003 | Class B | PASS |

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4 General Information

4.1 Client Information

Applicant: YA HSIN INDUSTRIAL CO., LTD.
Address of Applicant: NO.268 XIN HU 3rd ROAD. NEIHU DISTRICT. 11490, TAIPEI,
TAIWAN.

4.2 General Description of E.U.T.

EUT Name: CHARGE
Brand Name: Not supplied by client
Serial No.: Not supplied by client

4.3 Details of E.U.T.

Power Supply : DC 5V
Power Cord : N/A

4.4 Description of Support Units

| Name / Function | Model No | Remark |
|-----------------|----------|--------|
| N/A | N/A | N/A |

4.5 Standards Applicable for Testing

The customer requested EMC tests for a CHARGE.

The standards used was CFR 47 part 2: 2004 and CFR 47 part 15: 2005:

Table 1 : Tests Carried Out Under CFR 47 Part 15: 2005 :

| Standard | Status |
|--|--------|
| FCC Part 15 Subpart B: 2005 Radiated Emission | ✓ |
| FCC Part 15 Subpart B: 2005 Conducted Emission | ✗ |

✗ Indicates that the test is not applicable
✓ Indicates that the test is applicable

4.6 Test Location

Radiated Emission tests were performed at:

SIMT EMC Laboratory, 1/F, Building No.1, Agriculture Machinery Materials Company
No.716 Yi shan Road, Shanghai, P.R.China.

Tel: +86 21 64701390 Fax: +86 21 64514252

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4.6 Deviation from Standards

None.

4.7 Abnormalities from Standard Conditions

None.

4.8 Test Confident level

Test Confident level is recognized, certified, or accredited by the following organizations:

NVLAP – Lab Code: 200632-0

SIMT EMC Laboratory is recognized under the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 200632-0. Effective through December 31, 2004.

VCCI

The 10m Semi-anechoic chamber and Shielded Room of SIMT have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: 1153.

Date of Registration: May 29, 2004. Valid until May 18, 2007

CNAL – LAB Code: L0134

SIMT 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.: 142171

SIMT 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 142171, December 9, 2002. With the above and NVLAP, SIMT is an authorized test laboratory for the DoC process.

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5 Equipments Used during Test

| RE in SAC | | | | | | |
|-----------|--|--------------|-----------|------------|------------|------------|
| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Cal. Date | Due date |
| 1 | HORN ANTENNA | R&S | HF 906 | 100023 | 2005-06-17 | 2006-06-16 |
| 2 | BROADBAND ANTENNA | R&S | HL 562 | 100019 | 2005-06-17 | 2006-06-16 |
| 3 | EMI TEST RECEIVER | R&S | ESI 26 | 838786/011 | 2005-03-06 | 2006-03-05 |
| 4 | UNIVERSAL RADIO COMMUNICATION TESTER | R&S | CMU 200 | 100536 | 2005-01-25 | 2006-01-24 |

General Equipment

| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Cal. Date | Cal.Due date |
|------|-----------------------|------------------------|-----------|------------|------------|--------------|
| 1 | Barometer | Chang chun qi xiang | DYM3 | 0124 | 2005-06-06 | 2007-06-05 |
| 2 | DMM | UNI-T | UT 222 | 45402866 | 2005-01-25 | 2006-01-24 |
| 3 | Temperature, Humidity | Zhi cheng | ZC1-2 | / | 2005-07-06 | 2006-07-05 |

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6 Emission Test Results

6.1 Radiated Emissions, 30MHz to 1GHz

| | |
|-----------------------|---|
| Test Requirement: | CFR 47 Part 15 |
| Test Method: | ANSI C63.4 |
| Test Date: | 1 November 2005 |
| Frequency Range: | 30MHz to 1GHz |
| Measurement Distance: | 3m |
| Class: | N/A |
| Detector: | Peak for pre-scan (120kHz resolution bandwidth) |

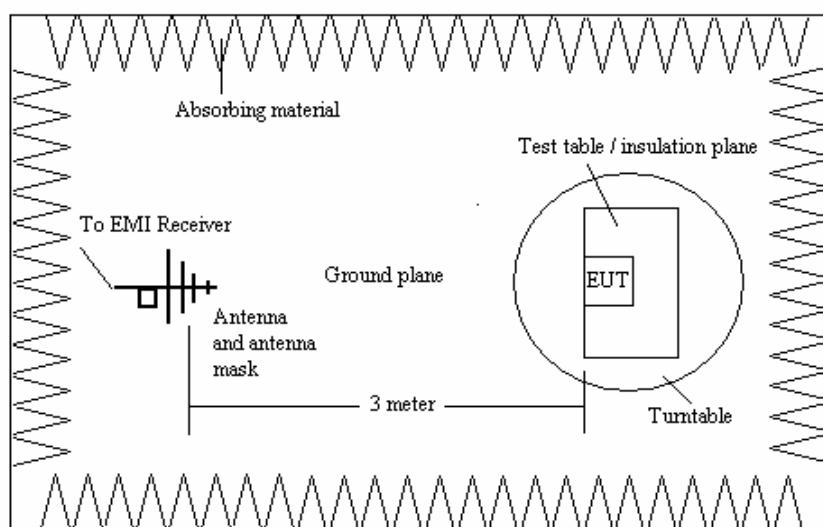
6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 20.0 °C Humidity: 42 % RH Atmospheric Pressure: 1004 mbar

EUT Operation: Charging mode.

6.1.2 Test setup:



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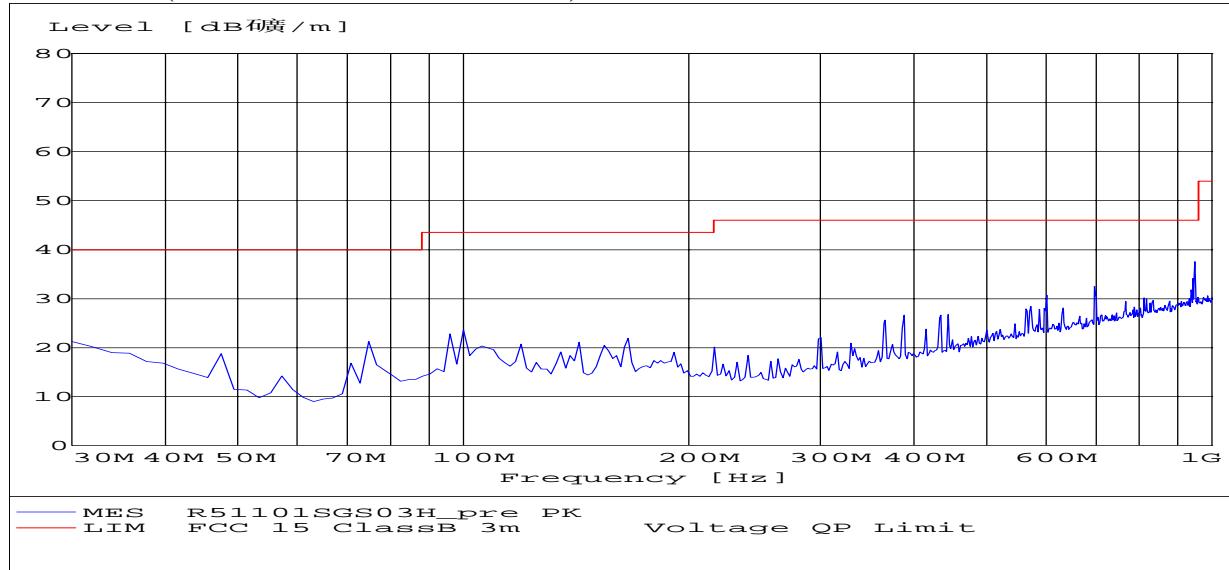
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6.1.3 Test Result:

Horizontal: (FCC Limit: 30MHz-1000MHz)



| Frequency (MHz) | Antenna Polarization | Receiver QP Reading (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (cm) | Turntable Angle (°) |
|-----------------|----------------------|------------------------------|----------------|-------------|---------------------|---------------------|
| 30 | Horizontal | * | 40 | * | - | - |
| 45 | Horizontal | * | 40 | * | - | - |
| 88 | Horizontal | * | 43.5 | * | - | - |
| 150 | Horizontal | * | 43.5 | * | - | - |
| 216 | Horizontal | * | 46 | * | - | - |
| 560 | Horizontal | * | 46 | * | - | - |
| 960 | Horizontal | * | 54 | * | - | - |
| 1000 | Horizontal | * | 54 | * | | |

1. All readings are Peak values.
2. “*” means the emission level is 6 dB below the relevant limit.

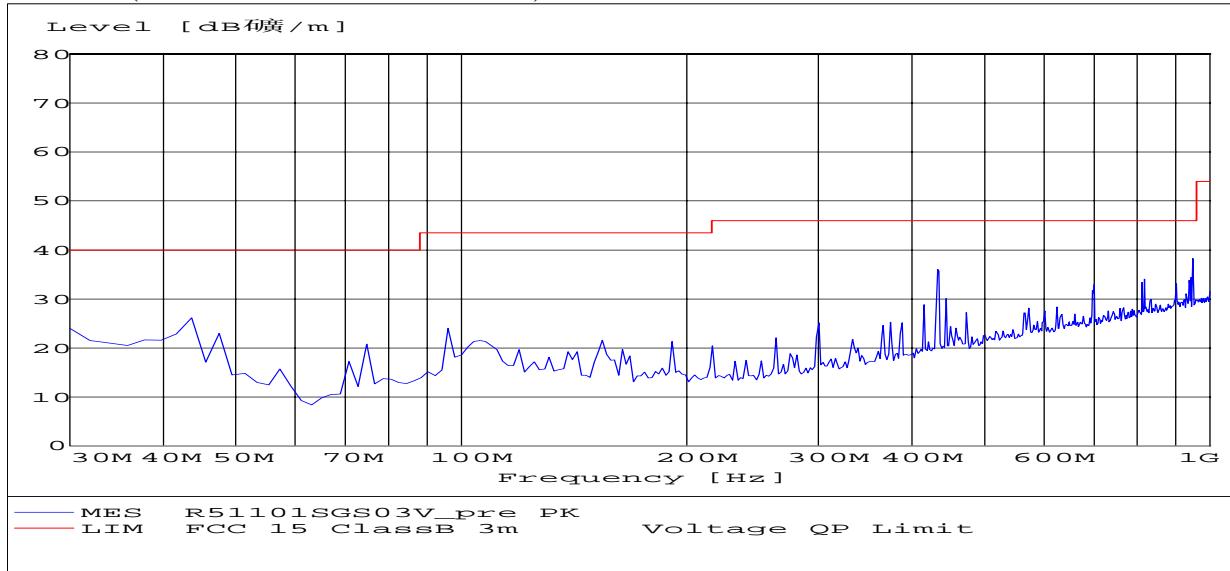
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Vertical: (FCC Limit: 30MHz-1000MHz)



| Frequency (MHz) | Antenna Polarization | Receiver QP Reading (dBV/m) | Limit (dBV/m) | Margin (dB) | Antenna Height (cm) | Turntable Angle (°) |
|-----------------|----------------------|-----------------------------|---------------|-------------|---------------------|---------------------|
| 30 | Vertical | * | 40 | * | - | - |
| 45 | Vertical | * | 40 | * | - | - |
| 88 | Vertical | * | 43.5 | * | - | - |
| 150 | Vertical | * | 43.5 | * | - | - |
| 216 | Vertical | * | 46 | * | - | - |
| 560 | Vertical | * | 46 | * | - | - |
| 960 | Vertical | * | 54 | * | - | - |
| 1000 | Vertical | * | 54 | * | | |

1. All readings are Peak values.

2. “*” means the emission level is 6 dB below the relevant limit.

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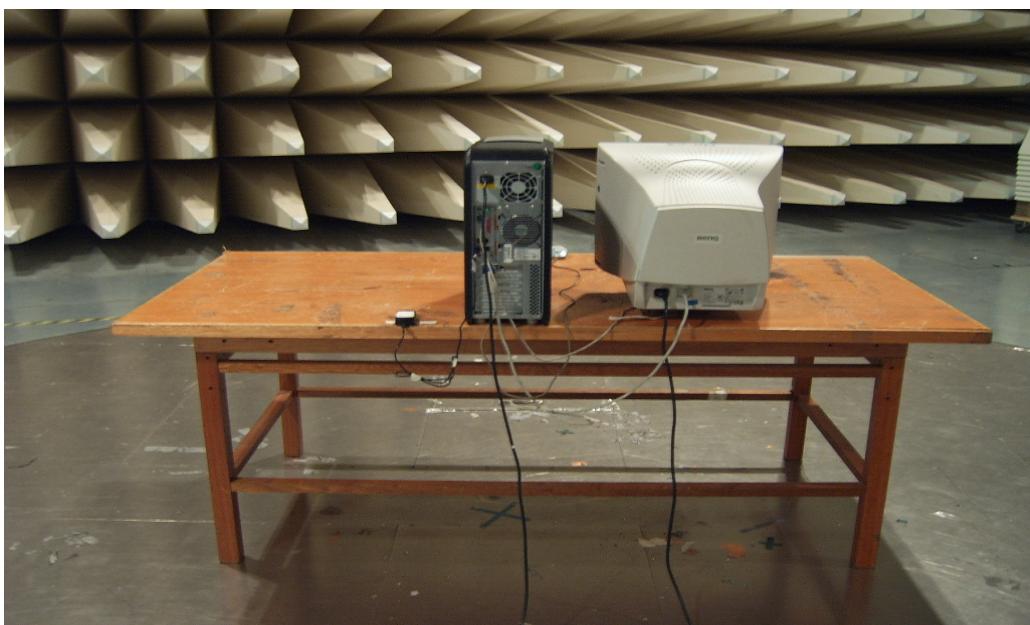
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7 Photographs

7.1 Radiated Emission Test Setup



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7.2 EUT Constructional Details



THE END OF REPORT