SHENZHEN HUATONGWEI INTERNATIONAL INSPECTION Co., Ltd.

Declaration of Conformity

Certification number: CTE07070013

Issue date: Aug 08, 2007

In accordance with the following Applicable Directives:

2004/108/EC

Electromagnetic Compatibility

The equipment, as described herewith, was tested pursuant to applicable test procedure and complies with the requirements of:

ETSI EN 300 386 V1.3.3: 2006

EN 61000-3-2: 2006

EN 61000-3-3: 1995+A1: 2001+A2: 2005

The test results are traceable to the international or national standards.

Applicant:	**SHENZHEN TENDA TECHNOLOGY CO., LTD** 3F, Moso Technology Park, xili Town, Nanshan District, Shenzhen 518108, China
Manufacturer:	**SHENZHEN TENDA TECHNOLOGY CO., LTD** 3F, Moso Technology Park, xili Town, Nanshan District, Shenzhen 518108, China
Equipment under test:	**Gigabit Ethernet Switch**
Model/Type reference:	**TEG1005**
Listed Model:	/
Laboratory Name:	**Shenzhen Huatongwei International Inspection Co., Ltd** Keji Nan No.12 Road, Hi-tech Park, Shenzhen, China Tel: 86-755-26748058 Fax: 86-755-26748005 Http: //www.szhtw.com.cn E-mail: master@szhtw.com.cn

CE

Note:

The certification is only valid for the equipment and configuration described, in conjunction with the test data detailed above.

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

Authorized by:

For and on behalf of
Shenzhen Huatongwei International Inspection Co., Ltd.

Authorized Signature(s)

CNAS L1225

Shenzhen Huatongwei International Inspection Co., Ltd.
Keji S,12th , Road, Hi-tech Industrial Park, Shenzhen, Guangdong, China
Phone:86-755-26748099 Fax:86-755-26748089 http://www.szhtw.com.cn

TEST REPORT

ETSI EN 300 386 V1.3.3: Electromagnetic compatibility and Radio spectrum Matters (ERM); Telecommunication network equipment; ElectroMagnetic Compatibility (EMC) Requirements

Report Reference No.....:	**TRE07070013**
Compiled by (position+printed name+signature)..:	File administrators Mellen Lee
Supervised by (position+printed name+signature)..:	Technique principal Byron Lai
Approved by (position+printed name+signature)..:	Manager Jimmy Li
Date of issue.....:	Aug 08, 2007
Testing Laboratory Name .....:	**Shenzhen Huatongwei International Inspection Co., Ltd**
Address.....:	Keji Nan No.12 Road, Hi-tech Park, Shenzhen, China
Testing location/ procedure .....:	Full application of Harmonised standards ☒ Partial application of Harmonised standards ☐ Other standard testing methods ☐
Applicant's name.....:	**SHENZHEN TENDA TECHNOLOGY CO., LTD**
Address.....:	3F, Moso Technology Park, xili Town, Nanshan District, Shenzhen 518108, China
Test specification:	
Standard .....:	**ETSI EN 300 386 V1.3.3: 2006** **EN 61000-3-2: 2006** **EN 61000-3-3: 1995+A1: 2001+A2: 2005**
Test Report Form No.....:	HTWEMCCE_1A
TRF Originator.....:	Shenzhen Huatongwei International Inspection CO., Ltd
Master TRF.....:	Dated 2006-06

Test item description ..... :	Gigabit Ethernet Switch
Manufacturer .....:	SHENZHEN TENDA TECHNOLOGY CO., LTD
Model/Type reference.....:	TEG1005
Listed Models .....:	/
Ratings.....:	AC9V 50Hz 1A 9W Load: 4.2W
Result.....:	**Positive**

EMC -- T E S T R E P O R T

Test Report No. :	TRE07070013	Aug 08, 2007 Date of issue

Equipment under Test	:	Gigabit Ethernet Switch
Model / Type	:	TEG1005
Listed Models	:	/
Applicant	:	SHENZHEN TENDA TECHNOLOGY CO., LTD
Address	:	3F, Moso Technology Park, xili Town, Nanshan District, Shenzhen 518108, China
Manufacturer	:	SHENZHEN TENDA TECHNOLOGY CO., LTD
Address		3F, Moso Technology Park, xili Town, Nanshan District, Shenzhen 518108, China

Test Result according to the standards on page 4:	**Positive**

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

Contents

1. TEST STANDARDS

The tests were performed according to following standards:

ETSI EN 300 386 V1.3.3: 2006 Electromagnetic compatibility and Radio spectrum Matters (ERM); Telecommunication network equipment; ElectroMagnetic Compatibility (EMC) Requirements

2 . SUMMARY

2.1. General Remarks

Date of receipt of test sample : Jul 12, 2007

Testing commenced on : Jul 18, 2007

Testing concluded on : Aug 08, 2007

2.2. Equipment Under Test

Power supply system utilised

Power supply voltage : ■ 230V / 50 Hz o 115V / 60Hz
o 12 V DC o 24 V DC
o Other (specified in blank below)

/

2.3. Short description of the Equipment under Test (EUT)

The EUT is Gigabit Ethernet Switch.

Serial number: Prototype

2.4. EUT operation mode

The equipment under test was operated during the measurement under the following conditions:

Test program (customer specific)

Emissions tests……..: According to ETSI EN 300 386 V1.3.3, searching for the highest disturbance.
Immunity tests ……..: According to ETSI EN 300 386 V1.3.3, searching for the highest susceptivity.
Harmonic current……. : According to EN 61000-3-2, searching for the highest disturbance.
Voltage fluctuation……. : According to EN 61000-3-3, searching for the highest disturbance.

2.5. EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

■ - supplied by the manufacturer

o - supplied by the lab

■ Power Cable for EUT	Length (m) :	1.8
	Shield :	Unshielded
	Detachable :	Undetachable
Power Adapter	Manufacture :	DVE
	M/N :	DVR-091A2ACUP-4818
o Computer	Manufacture :	DELL

2.6. Performance level

The test results shall be classified in terms of the loss of function or degradation of performance of the equipment under test relative to a performance criteria defined by its manufacturer or the requestor of the test, or agreed between the manufacturer and the purchaser of the product. Examples of functions defined by the manufacturer to be evaluated during testing include, but are not limited to, the following:

— essential operational modes and states;
— tests of all peripheral access(hard disks, floppy disks, printers, keyboard, mouse, etc.);
— quality of software execution
— quality of data display and transmission
— quality of speech transmission

Definition related to the performance level:

■ based on the used product standard
o based on the declaration of the manufacturer, requestor or purchaser

Criterion A:

The apparatus shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed below a performance level specified by the manufacturer when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

Criterion B:

After the test, the equipment shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed below a performance level (or permissible loss of performance) specified by the manufacturer, when the apparatus is used as intended. During the test, degradation of performance is allowed, however. No change of actual operating state or stored data is allowed. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and from what the user may reasonably expect from the apparatus if used as intended.

Criterion C:

Temporary loss of function is allowed, provided the function is self-recoverable or can be restored by the operation of the controls, or by any operation specified in the instructions for use.

3. TEST ENVIRONMENT

3.1. Address of the test laboratory

Shenzhen Huatongwei International Inspection Co., Ltd
Keji Nan No.12 Road, Hi-tech Park, Shenzhen, China
Phone: 86-755-26715686 Fax: 86-755-26748089

3.2. Test Facility

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

CNAS-Lab Code: L1225

Shenzhen Huatongwei International Inspection Co., Ltd has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC 17025: 1999 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA-Lab Cert. No. 2243.01

Shenzhen Huatongwei International Inspection Co., Ltd, EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 1999 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing. Valid time is from Aug 24, 2005 to Sept 30, 2007

FCC-Registration No.: 662850

Shenzhen Huatongwei International Inspection 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 662850, Renewal date September 12, 2006.

IC-Registration No.: 5377

The 3m Alternate Test Site of Shenzhen Huatongwei International Inspection Co., Ltd has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 5377 on November 28th, 2005.

ACA

Shenzhen Huatongwei International Inspection Co., Ltd, EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our A2LA accreditation.

NEMKO-Aut. No.: ELA125

Shenzhen Huatongwei International Inspection Co., Ltd has been assessed the quality assurance system, the testing facilities, qualifications and testing practices of the relevant parts of the organization. The quality assurance system of the Laboratory has been validated against ISO/IEC 17025 or equivalent. The laboratory also fulfils the conditions described in Nemko Document NLA-10.

VCCI

The 3m Semi-anechoic chamber (12.2m×7.95m×6.7m) and Shielded Room (8m×4m×3m) of Shenzhen Huatongwei International Inspection Co., Ltd has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-2484. Date of Registration: December 20, 2006. Valid time is until December 19, 2009.

Main Ports Conducted Interference Measurement of Shenzhen Huatongwei International Inspection Co., Ltd has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: C-2726. Date of Registration: December 20, 2006. Valid time is until December 19, 2009.

IECEE CB

Shenzhen Huatongwei International Inspection Co Ltd has been assessed and determined to fully comply with the requirements of ISO/IEC 17025: 2005-05, The Basic Rules, IECEE 01: 2006-10 and Rules of Procedure IECEE 02: 2006-10, and the relevant IECEE CB-Scheme Operational Documents.

It is therefore entitled to operate as a CB Testing Laboratory under the responsibility of Nemko A/S. This certificate remains valid until May 25th 2009 at which time it will be reissued by the IECEE Executive Secretary upon successful completion of the normally scheduled 3-year Reassessment Program administered by the IECEE CB Scheme.

DNV

Shenzhen Huatongwei International Inspection Co Ltd has been found to comply with the requirements of DNV towards subcontractor of EMC and safety testing services in conjunction with the EMC and Low voltage Directives and in the voluntary field. The acceptance is based on a formal quality Audit and follow-ups according to relevant parts of ISO/IEC Guide 17025(2005), in accordance with the requirements of the DNV Laboratory Quality Manual towards subcontractors. Valid time is until 09 July, 2010.

3.3. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15-35 ° C
Humidity:	30-60 %
Atmospheric pressure:	950-1050mbar

3.4. Test Description

Emission Measurement		
Radiated Emission	ETSI EN 300 386 V1.3.3: 2006 EN 55022: 1998+A1: 2006	PASS
Conducted Disturbance	ETSI EN 300 386 V1.3.3: 2006 EN 55022: 1998+A1: 2006	PASS
Harmonic Current	EN 61000-3-2: 2006	PASS
Voltage Fluctuation and Flicker	EN 61000-3-3: 1995+A1: 2001+A2: 2005	PASS
Immunity Measurement		
Electrostatic Discharge	ETSI EN 300 386 V1.3.3: 2006 EN 61000-4-2: 2001	PASS
RF Field Strength Susceptibility	ETSI EN 300 386 V1.3.3: 2006 EN 61000-4-3: 2006	PASS
Electrical Fast Transient/Burst Test	ETSI EN 300 386 V1.3.3: 2006 EN 61000-4-4: 2004	PASS
Surge Test	ETSI EN 300 386 V1.3.3: 2006 EN 61000-4-5: 2005	PASS
Conducted Susceptibility Test	ETSI EN 300 386 V1.3.3: 2006 EN 61000-4-6: 2006	PASS
Power Frequency Magnetic Field Susceptibility Test	ETSI EN 300 386 V1.3.3: 2006 EN 61000-4-8: 2001	N/A
Voltage Dips and Interruptions Test	ETSI EN 300 386 V1.3.3: 2006 EN 61000-4-11: 2004	PASS

Note: “N/A” means not applicable.

The measurement uncertainty is not included in the test result.

3.5. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 „Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements“ and is documented in the Shenzhen Huatongwei International Inspection Co., Ltd quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen Huatongwei laboratory is reported:

Test	Range	Measurement Uncertainty	Notes
Radiated Emission	30~1000MHz	4.22dB	(1)
Conducted Disturbance	0.15~30MHz	3.29dB	(1)

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3.6. Equipments Used during the Test

Radiated Emission					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	ULTRA-BROADBAND ANTENNA	ROHDE & SCHWARZ	HL562	100015	2006/10
2	EMI TEST RECEIVER	ROHDE & SCHWARZ	ESI 26	100009	2006/10
3	RF TEST PANEL	ROHDE & SCHWARZ	TS / RSP	335015/ 0017	2006/10
4	TURNTABLE	ETS	2088	2149	2006/10
5	ANTENNA MAST	ETS	2075	2346	2006/10
6	EMI TEST SOFTWARE	ROHDE & SCHWARZ	ESK1	N/A	2006/10

Conducted Disturbance					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	EMI Test Receiver	ROHDE & SCHWARZ	ESCS30	100038	2006/10
2	Artificial Mains	ROHDE & SCHWARZ	ESH2-Z5	100028	2006/10
3	Pulse Limiter	ROHDE & SCHWARZ	ESHSZ2	100044	2006/10
4	EMI Test Software	ROHDE & SCHWARZ	ESK1	N/A	2006/10

Harmonic Current					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Purified Power Source	CALIFORNIA INSTRUMENTS	HFS500	54513	2006/10
2	Harmonic And Flicker Analyzer	EM TEST	DPA503S1	0500-10	2006/10

Voltage Fluctuation and Flicker					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Purified Power Source	CALIFORNIA INSTRUMENTS	HFS500	54513	2006/10
2	Harmonic And Flicker Analyzer	EM TEST	DPA503S1	0500-10	2006/10

Electrostatic Discharge					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	ESD Simulator	EM TEST	DITOC0103Z	0301-04	2006/10

RF Field Strength Susceptibility					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	SIGNAL GENERATOR	IFR	2032	203002/100	2006/10
2	AMPLIFIER	AR	150W1000	301584	2006/10
3	DUAL DIRECTIONAL COUPLER	AR	DC6080	301508	2006/10
4	POWER HEAD	AR	PH2000	301193	2006/10
5	POWER METER	AR	PM2002	302799	2006/10

Electrical Fast Transient/Burst					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Ultra Compact Simulator	EM TEST	UCS500M6	0500-19	2006/10
2	Coupling Clamp	EM TEST	HFK	1501-14	2006/10

Surge					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	ULTRA COMPACT SIMULATOR	EM TEST	UCS500M6	0500-19	2006/10

Conducted Susceptibility					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Signal Generator	IFR	2023A	202304/060	2006/10
2	Amplifier	AR	75A250	302205	2006/10
3	Dual Directional Coupler	AR	DC2600	302389	2006/10
4	6db Attenuator	EMTEST	ATT6/75	0010230A	2006/10
5	EM CLAMP	LÜTHI	EM101	335625	2006/10
6	CDN	EMTEST	CDN M3	0802-03	2006/10

Voltage Dips and Interruptions					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Ultra Compact Simulator	EM TEST	UCS500M6	0500-19	2006/10
2	Motor Driven Voltage Transformer	EM TEST	MV2616	0301-11	2006/10

4. TEST CONDITIONS AND RESULTS

4.1. Radiated Emission

For test instruments and accessories used see section 3.6.

4.1.1. Description of the test location

Test location: Shielded room No. 4

4.1.2. Limits of disturbance(Class B)

Frequency (MHz)	Distance (Meters)	Field Strengths Limits (dBμV/m)
30 ~ 230	3	40
230 ~ 1000	3	47

Note: (1) The tighter limit shall apply at the edge between two frequency bands.

(2) Distance refers to the distance in meters between the test instrument antenna and the closest point of any part of the E.U.T.

4.1.3. Description of the test set-up

4.1.3.1. Operating Condition

The EUT is communication with PC system under LAN during the test, and the results of the maximum emanation are recorded.

4.1.3.2. Photos of the test set-up

4.1.4. Test result

The requirements are **Fulfilled**

Band Width: 120KHz

Frequency Range: 30MHz to 1000MHz

Remarks: The limits are kept. For detailed results, please see the following page(s).

SHENZHEN HUATONGWEI INTERNATIONAL INSPECTION CO.,LTD

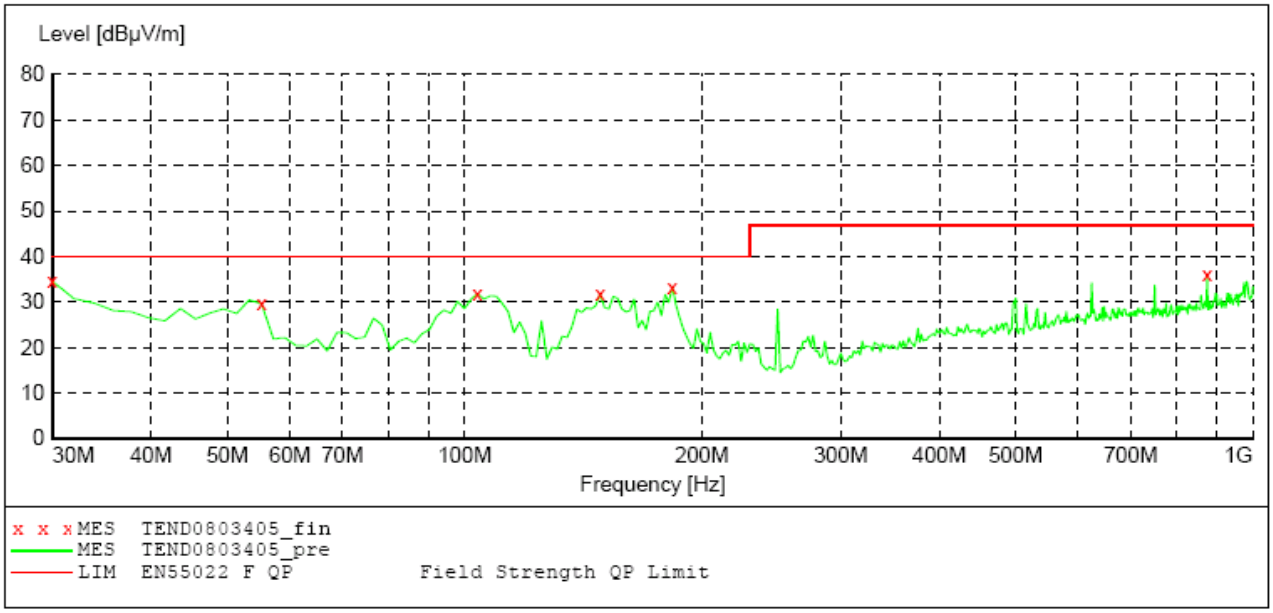
RADIATED EMISSION EN55022 CLASS B

```
EUT:                  Gigabit Ethernet Switch M/N:TEG1005
Manufacturer:         SHENZHEN TENDA TECHNOLOGY CO.,LTD
Operating Condition:  Communication
Test Site:            3M CHAMBER
Operator:             JACKY
Test Specification:   AC 230V/50Hz
Comment:
Start of Test:        8/3/07 / 1:53:12PM
```

SWEEP TABLE: "test (30M-1G)"

Short Description: Field Strength

Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	120 kHz	HL562 07



MEASUREMENT RESULT: "TEND0803405_fin"

8/3/07 1:55PM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.000000	34.50	21.2	40.0	5.5	QP	100.0	313.00	VERTICAL
55.200000	29.60	7.9	40.0	10.4	QP	100.0	288.00	VERTICAL
103.800000	31.80	14.4	40.0	8.2	QP	100.0	359.00	VERTICAL
148.500000	31.70	10.9	40.0	8.3	QP	100.0	104.00	VERTICAL
183.500000	33.40	11.4	40.0	6.6	QP	100.0	150.00	VERTICAL
875.500000	36.10	25.0	47.0	10.9	QP	100.0	6.00	VERTICAL

SHENZHEN HUATONGWEI INTERNATIONAL INSPECTION CO.,LTD

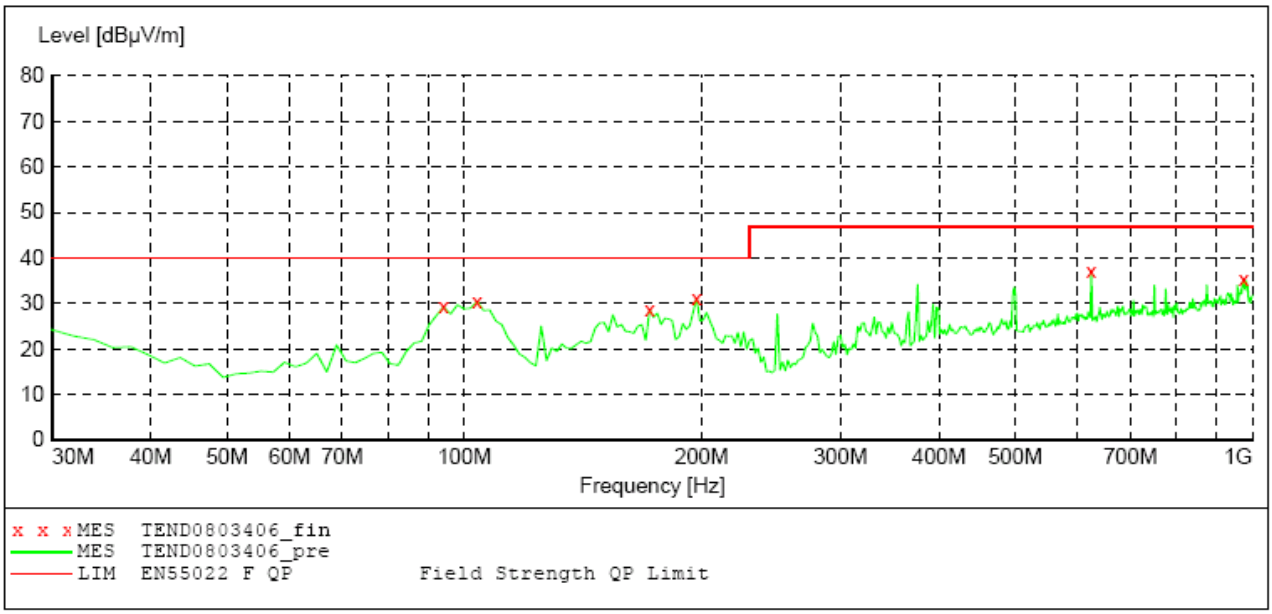
RADIATED EMISSION EN55022 CLASS B

EUT: Gigabit Ethernet Switch M/N:TEG1005
Manufacturer: SHENZHEN TENDA TECHNOLOGY CO.,LTD
Operating Condition: Communication
Test Site: 3M CHAMBER
Operator: JACKY
Test Specification: AC 230V/50Hz
Comment:
Start of Test: 8/3/07 / 1:55:42PM

SWEEP TABLE: "test (30M-1G)"

Short Description: Field Strength

Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	120 kHz	HL562 07



MEASUREMENT RESULT: "TEND0803406_fin"

8/3/07 1:58PM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
94.100000	29.20	13.1	40.0	10.8	QP	300.0	360.00	HORIZONTAL
103.800000	30.40	14.4	40.0	9.6	QP	300.0	360.00	HORIZONTAL
171.900000	28.70	11.1	40.0	11.3	QP	300.0	58.00	HORIZONTAL
197.100000	31.20	10.8	40.0	8.8	QP	100.0	242.00	HORIZONTAL
624.800000	37.10	23.1	47.0	9.9	QP	100.0	33.00	HORIZONTAL
974.700000	35.20	25.6	47.0	11.8	QP	100.0	149.00	HORIZONTAL

4.2. Conducted disturbance

For test instruments and accessories used see section 3.6.

4.2.1. Description of the test location

Test location: Shielded room No. 3

4.2.2. Limits of disturbance

Limit of conducted disturbance at the mains ports(Class B)

Frequency Range (MHz)	Limits (dBuV)	
	Quasi-Peak	Average
0.150～0.500	66～56	56～46
0.500～5.000	56	46
5.000～30.00	60	50

Note: (1) The tighter limit shall apply at the edge between two frequency bands.

4.2.3. Description of the test set-up

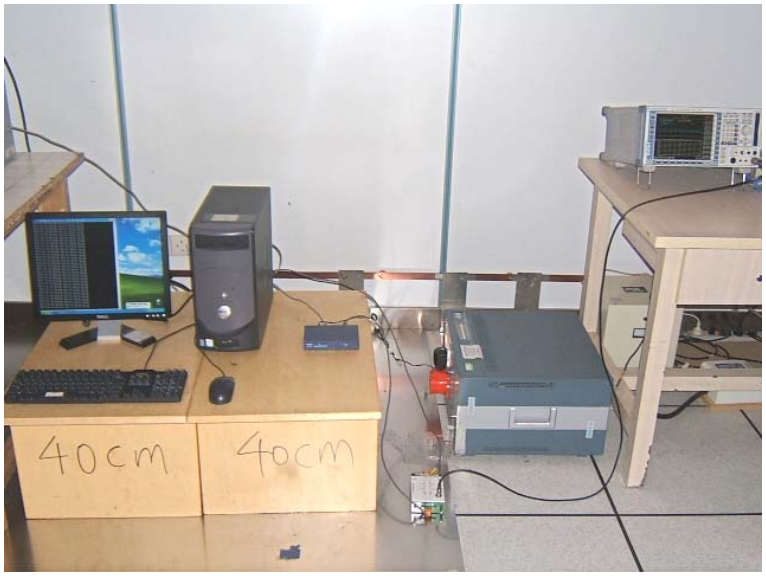
4.2.3.1. Operating Condition

The EUT is communication with PC system under LAN during the test, and the results of the maximum emanation are recorded.

4.2.3.2. Photo of the test set-up

at Mains Ports：

at Telecommunication Ports：



4.2.4. Test result

The requirements are **Fulfilled**

Band Width: 9KHz

Frequency Range: 150KHz to 30MHz

Remarks: The limits are kept. For detailed results, please see the following page(s).

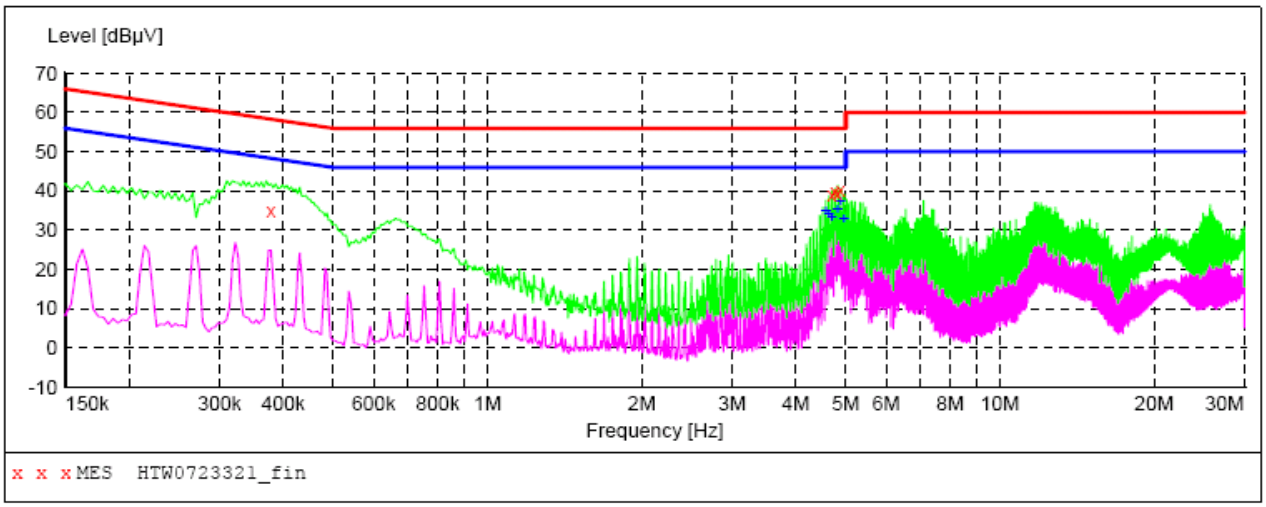
Shenzhen Huatongwei International Inspection CO.,Ltd

Voltage Mains Test EN55022 B

```
EUT:                    Gigabit Ethernet Switch M/N:TEG1005
Manufacturer:           SHENZHEN TENDA TECHNOLOGY CO.,LTD
Operating Condition:    Communication
Test Site:              3# SHIELDED ROOM
Operator:               SAM
Test Specification:     AC 230V/50Hz
Comment:
Start of Test:          7/23/2007 / 4:27:17PM
```

SCAN TABLE: "Voltage (9K-30M)FIN"

```
  Short Description:            150K-30M Voltage
```



MEASUREMENT RESULT: "HTW0723321_fin"

7/23/2007 4:29PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.378000	34.90	10.1	58	23.4	QP	N	GND
4.700000	38.80	10.3	56	17.2	QP	N	GND
4.766000	39.80	10.3	56	16.2	QP	N	GND
4.826000	39.40	10.3	56	16.6	QP	N	GND
4.892000	40.10	10.3	56	15.9	QP	N	GND

MEASUREMENT RESULT: "HTW0723321_fin2"

7/23/2007 4:29PM

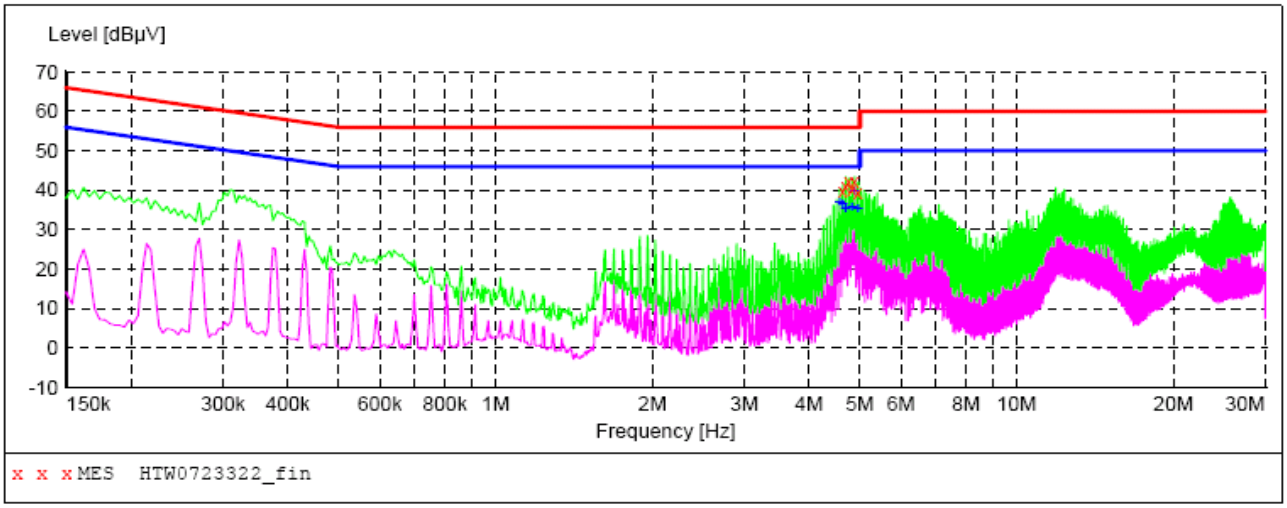
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
4.574000	34.80	10.3	46	11.2	AV	N	GND
4.640000	34.20	10.3	46	11.8	AV	N	GND
4.700000	33.20	10.3	46	12.8	AV	N	GND
4.826000	35.20	10.3	46	10.8	AV	N	GND
4.892000	37.40	10.3	46	8.6	AV	N	GND
4.958000	33.00	10.3	46	13.0	AV	N	GND

Shenzhen Huatongwei International Inspection CO.,Ltd

Voltage Mains Test EN55022 B

EUT: Gigabit Ethernet Switch M/N:TEG1005
Manufacturer: SHENZHEN TENDA TECHNOLOGY CO.,LTD
Operating Condition: Communication
Test Site: 3# SHIELDED ROOM
Operator: SAM
Test Specification: AC 230V/50Hz
Comment:
Start of Test: 7/23/2007 / 4:29:52PM

SCAN TABLE: "Voltage (9K-30M)FIN"
Short Description: 150K-30M Voltage



MEASUREMENT RESULT: "HTW0723322_fin"

7/23/2007 4:32PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
4.640000	39.80	10.3	56	16.2	QP	L1	GND
4.700000	40.90	10.3	56	15.1	QP	L1	GND
4.766000	42.00	10.3	56	14.0	QP	L1	GND
4.832000	40.30	10.3	56	15.7	QP	L1	GND
4.892000	42.10	10.3	56	13.9	QP	L1	GND
4.958000	39.50	10.3	56	16.5	QP	L1	GND

MEASUREMENT RESULT: "HTW0723322_fin2"

7/23/2007 4:32PM

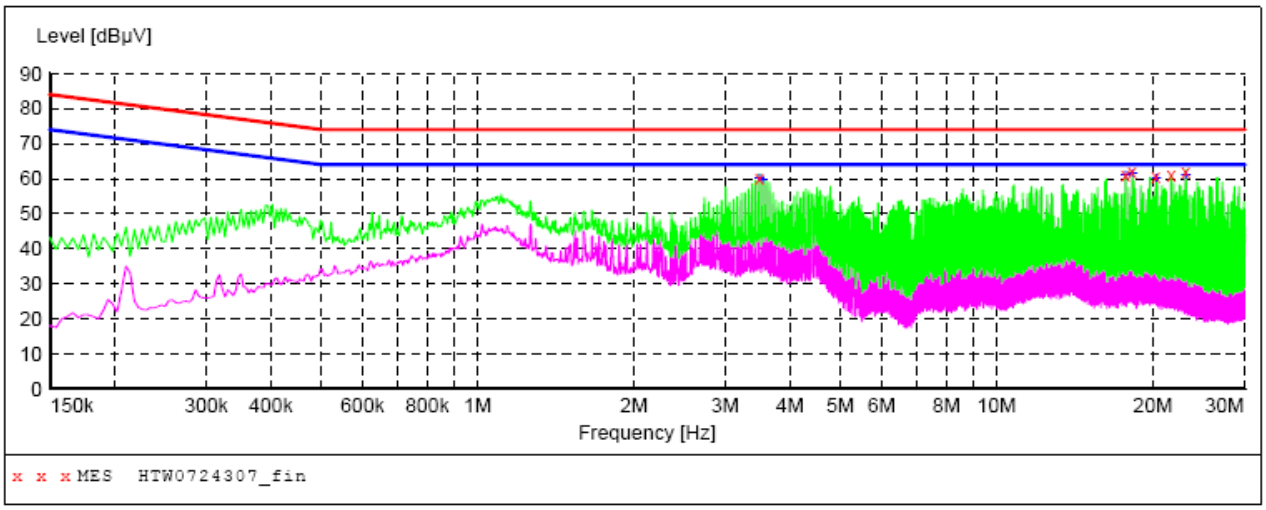
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
4.574000	37.00	10.3	46	9.0	AV	L1	GND
4.640000	36.50	10.3	46	9.5	AV	L1	GND
4.700000	35.40	10.3	46	10.6	AV	L1	GND
4.832000	35.80	10.3	46	10.2	AV	L1	GND
4.892000	39.70	10.3	46	6.3	AV	L1	GND
4.958000	35.30	10.3	46	10.7	AV	L1	GND

Shenzhen Huatongwei International Inspection CO.,Ltd

Voltage Mains Test EN55022 B T

EUT: Gigabit Ethernet Switch M/N:TEG1005
Manufacturer: SHENZHEN TENDA TECHNOLOGY CO.,LTD
Operating Condition: Communication
Test Site: 3# SHIELDED ROOM
Operator: SAM
Test Specification: AC 230V/50Hz
Comment: Ethernet
Start of Test: 7/24/2007 / 10:20:28AM

SCAN TABLE: "EN 22 T Voltage FIN"
Short Description: 150K-30MHz Voltage



MEASUREMENT RESULT: "HTW0724307_fin"

7/24/2007 10:24AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
3.490000	60.20	20.6	74	13.8	QP		GND
17.694000	61.00	20.7	74	13.0	QP		GND
18.242000	61.70	20.7	74	12.3	QP		GND
20.258000	60.70	20.8	74	13.3	QP		GND
21.662000	61.20	20.8	74	12.8	QP		GND
23.130000	62.10	20.8	74	11.9	QP		GND

MEASUREMENT RESULT: "HTW0724307_fin2"

7/24/2007 10:24AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
3.490000	60.10	20.6	64	3.9	AV		GND
3.542000	59.80	20.6	64	4.2	AV		GND
17.694000	60.80	20.7	64	3.2	AV		GND
18.242000	61.40	20.7	64	2.6	AV		GND
20.258000	60.00	20.8	64	4.0	AV		GND
23.130000	61.00	20.8	64	3.0	AV		GND

4.3. Harmonic current

For test instruments and accessories used see section 3.6.

Description of the test location

Test location: Shielded room No. 2

Limits of Harmonic Current

Test configuration and procedure see clause 7.1 of standard EN 61000-3-2: 2006.

4.3.1. Description of the test set-up

4.3.1.1. Operating Condition

The EUT is communication with PC system under LAN during the test, and the results of the maximum emanating results are recorded.

4.3.1.2. Photo of the test set-up

Test result

The requirements are **Fulfilled**

Remarks: The limits are kept. For detailed results, please see the following page(s).

Test Report of HTW

Standard used:	EN/IEC 61000-3-2 (2006) Quasi-stationary - Equipment class A
Observation time:	150s
Windows width:	10 periods - (EN/IEC 61000-4-7 Edition 2002)
Customer:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Mains supply voltage:	AC 230V 50Hz
E. U. T.:	Gigabit Ethernet Switch
	M/N:TEG1005
Date of test	10:30 23.Jul 2007
Operator:	Andy

Test Result	
E. U. T.:	PASS
Power Source:	PASS

E. U. T. Result

Check harmonics 2..40 [exception odd 21..39]:

Harmonic(s) > 150%:	
Order (n):	None
Harmonic(s) with average > 100%:	
Order (n):	None

Check odd harmonics 21..39:

All Partial Odd Harmonics below partial limits.	
Harmonic(s) > 150%:	
Order (n):	None
Harmonic(s) with average > 150%:	
Order (n):	None

Power Source Result

First dataset out of limit:	
DS (time):	None
Harmonic(s) out of limit:	
Order (n):	None

Average harmonic current results

Hn	Ieff [A]	Ieff [%]	Limit [A]	Result
1	30.246E-3	100.000		
2	294.016E-6	0.972	1.08	PASS
3	12.446E-3	41.150	2.30	PASS
4	268.303E-6	0.887	430.00E-3	PASS
5	9.030E-3	29.854	1.14	PASS
6	299.214E-6	0.989	300.00E-3	PASS
7	1.488E-3	4.921	770.00E-3	PASS
8	285.114E-6	0.943	230.00E-3	PASS
9	960.552E-6	3.176	400.00E-3	PASS
10	264.903E-6	0.876	184.00E-3	PASS
11	1.045E-3	3.454	330.00E-3	PASS
12	277.892E-6	0.919	153.33E-3	PASS
13	500.915E-6	1.656	210.00E-3	PASS
14	397.418E-6	1.314	131.43E-3	PASS
15	494.604E-6	1.635	150.00E-3	PASS
16	295.586E-6	0.977	115.00E-3	PASS
17	480.358E-6	1.588	132.35E-3	PASS
18	260.454E-6	0.861	102.22E-3	PASS
19	510.125E-6	1.687	118.42E-3	PASS
20	264.888E-6	0.876	92.00E-3	PASS
21	372.890E-6	1.233	160.71E-3	PASS
22	273.918E-6	0.906	83.64E-3	PASS
23	926.985E-6	3.065	146.74E-3	PASS
24	253.123E-6	0.837	76.66E-3	PASS
25	374.690E-6	1.239	135.00E-3	PASS
26	262.708E-6	0.869	70.77E-3	PASS
27	711.440E-6	2.352	124.99E-3	PASS
28	276.984E-6	0.916	65.71E-3	PASS
29	652.073E-6	2.156	116.39E-3	PASS
30	268.670E-6	0.888	61.33E-3	PASS
31	416.134E-6	1.376	108.87E-3	PASS
32	264.561E-6	0.875	57.50E-3	PASS
33	543.947E-6	1.798	102.27E-3	PASS
34	267.153E-6	0.883	54.12E-3	PASS
35	529.405E-6	1.750	96.44E-3	PASS
36	263.229E-6	0.870	51.11E-3	PASS
37	398.888E-6	1.319	91.21E-3	PASS
38	273.743E-6	0.905	48.42E-3	PASS
39	405.045E-6	1.339	86.53E-3	PASS
40	264.298E-6	0.874	46.00E-3	PASS

Maximum harmonic current results

Hn	Ieff [A]	Ieff [%]	Limit [A]	Result
1	30.436E-3	100.000		
2	348.077E-6	1.144	1.62	PASS
3	12.507E-3	41.093	3.45	PASS
4	302.958E-6	0.995	645.00E-3	PASS
5	9.102E-3	29.905	1.71	PASS
6	356.788E-6	1.172	450.00E-3	PASS
7	1.624E-3	5.335	1.15	PASS
8	317.959E-6	1.045	345.00E-3	PASS
9	1.002E-3	3.293	600.00E-3	PASS
10	297.294E-6	0.977	276.00E-3	PASS
11	1.120E-3	3.680	495.00E-3	PASS
12	316.702E-6	1.041	229.99E-3	PASS
13	564.634E-6	1.855	315.00E-3	PASS
14	452.341E-6	1.486	197.15E-3	PASS
15	557.208E-6	1.831	225.00E-3	PASS
16	331.866E-6	1.090	172.50E-3	PASS
17	547.326E-6	1.798	198.52E-3	PASS
18	294.985E-6	0.969	153.33E-3	PASS
19	565.336E-6	1.857	177.63E-3	PASS
20	298.291E-6	0.980	138.00E-3	PASS
21	449.610E-6	1.477	160.71E-3	PASS
22	314.063E-6	1.032	125.46E-3	PASS
23	985.255E-6	3.237	146.74E-3	PASS
24	287.593E-6	0.945	114.99E-3	PASS
25	436.328E-6	1.434	135.00E-3	PASS
26	323.461E-6	1.063	106.16E-3	PASS
27	795.890E-6	2.615	124.99E-3	PASS
28	314.026E-6	1.032	98.57E-3	PASS
29	731.293E-6	2.403	116.39E-3	PASS
30	311.842E-6	1.025	92.00E-3	PASS
31	472.920E-6	1.554	108.87E-3	PASS
32	311.740E-6	1.024	86.25E-3	PASS
33	595.835E-6	1.958	102.27E-3	PASS
34	299.948E-6	0.986	81.18E-3	PASS
35	594.036E-6	1.952	96.44E-3	PASS
36	297.860E-6	0.979	76.66E-3	PASS
37	443.139E-6	1.456	91.21E-3	PASS
38	316.427E-6	1.040	72.63E-3	PASS
39	484.903E-6	1.593	86.53E-3	PASS
40	304.598E-6	1.001	69.00E-3	PASS

Maximum harmonic voltage results

Hn	Ueff [V]	Ueff [%]	Limit [%]	Result
1	229.95	99.977		
2	164.68E-3	0.072	0.2	PASS
3	402.66E-3	0.175	0.9	PASS
4	69.52E-3	0.030	0.2	PASS
5	27.38E-3	0.012	0.4	PASS
6	64.90E-3	0.028	0.2	PASS
7	25.45E-3	0.011	0.3	PASS
8	29.77E-3	0.013	0.2	PASS
9	21.51E-3	0.009	0.2	PASS
10	24.02E-3	0.010	0.2	PASS
11	16.10E-3	0.007	0.1	PASS
12	15.51E-3	0.007	0.1	PASS
13	16.94E-3	0.007	0.1	PASS
14	15.77E-3	0.007	0.1	PASS
15	16.36E-3	0.007	0.1	PASS
16	20.34E-3	0.009	0.1	PASS
17	18.82E-3	0.008	0.1	PASS
18	20.15E-3	0.009	0.1	PASS
19	13.33E-3	0.006	0.1	PASS
20	15.62E-3	0.007	0.1	PASS
21	15.77E-3	0.007	0.1	PASS
22	12.31E-3	0.005	0.1	PASS
23	9.94E-3	0.004	0.1	PASS
24	12.34E-3	0.005	0.1	PASS
25	13.71E-3	0.006	0.1	PASS
26	18.06E-3	0.008	0.1	PASS
27	10.03E-3	0.004	0.1	PASS
28	14.98E-3	0.007	0.1	PASS
29	15.62E-3	0.007	0.1	PASS
30	13.94E-3	0.006	0.1	PASS
31	13.36E-3	0.006	0.1	PASS
32	12.72E-3	0.006	0.1	PASS
33	11.75E-3	0.005	0.1	PASS
34	11.61E-3	0.005	0.1	PASS
35	9.90E-3	0.004	0.1	PASS
36	9.85E-3	0.004	0.1	PASS
37	9.26E-3	0.004	0.1	PASS
38	8.91E-3	0.004	0.1	PASS
39	11.86E-3	0.005	0.1	PASS
40	11.66E-3	0.005	0.1	PASS

4.4. Voltage Fluctuation and Flicker

For test instruments and accessories used see section 3.6.

4.4.1. Description of the test location

Test location: Shielded room No. 2

4.4.2. Limits of voltage fluctuation and flicker

Test configuration and procedure see clause 5 of standard EN 61000-3-3: 1995+A1: 2001+A2: 2005.

4.4.3. Description of the test set-up

4.4.3.1. Operating Condition

The EUT is communication with PC system under LAN during the test, and the results of the maximum emanation are recorded.

4.4.3.2. Photo of the test set-up

4.4.4. Test result

The requirements are **Fulfilled**

Remarks: The limits are kept. For detailed results, please see the following page(s).

Test Report of HTW

Standard used:	EN 61000-3-3 Flicker
Short time (Pst):	10 min
Observation time:	120 min (12 Flicker measurement)
Customer:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Flickermeter:	AC 230V / 50Hz
E. U. T.:	Gigabit Ethernet Switch M/N:TEG1005
Date of test:	10:13 23.Jul 2007
Tester:	Andy

Test Result	PASS

Maximum Flicker results

	EUT values	Limit	Result
Pst	0.028	1.00	PASS
Plt	0.028	0.65	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.095	4.00	PASS
dt [s]	0.000	0.50	PASS

Detail Flicker data

Flicker measurement 1	EUT values	Limit	Result
Pst	0.028	1.00	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.084	4.00	PASS
dt [s]	0.000	0.50	PASS

Flicker measurement 2	EUT values	Limit	Result
Pst	0.028	1.00	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.091	4.00	PASS
dt [s]	0.000	0.50	PASS

Flicker measurement 3	EUT values	Limit	Result
Pst	0.028	1.00	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.095	4.00	PASS
dt [s]	0.000	0.50	PASS

Flicker measurement 4	EUT values	Limit	Result
Pst	0.028	1.00	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.085	4.00	PASS
dt [s]	0.000	0.50	PASS

Flicker measurement 5	EUT values	Limit	Result
Pst	0.028	1.00	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.088	4.00	PASS
dt [s]	0.000	0.50	PASS

Flicker measurement 6	EUT values	Limit	Result
Pst	0.028	1.00	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.090	4.00	PASS
dt [s]	0.000	0.50	PASS

Flicker measurement 7	EUT values	Limit	Result
Pst	0.028	1.00	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.093	4.00	PASS
dt [s]	0.000	0.50	PASS

Flicker measurement 8	EUT values	Limit	Result
Pst	0.028	1.00	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.088	4.00	PASS
dt [s]	0.000	0.50	PASS

Flicker measurement 9	EUT values	Limit	Result
Pst	0.028	1.00	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.090	4.00	PASS
dt [s]	0.000	0.50	PASS

Flicker measurement 10	EUT values	Limit	Result
Pst	0.028	1.00	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.087	4.00	PASS
dt [s]	0.000	0.50	PASS

Flicker measurement 11	EUT values	Limit	Result
Pst	0.028	1.00	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.091	4.00	PASS
dt [s]	0.000	0.50	PASS

Flicker measurement 12	EUT values	Limit	Result
Pst	0.028	1.00	PASS
dc [%]	0.000	3.30	PASS
dmax [%]	0.089	4.00	PASS
dt [s]	0.000	0.50	PASS

4.5. Electrostatic discharge

For test instruments and accessories used see section 3.6.

4.5.1. Description of the test location and date

Test location: Shielded room No. 1

Date of test: Aug 08, 2007

Operator: Andy

4.5.2. Severity levels of electrostatic discharge

4.5.2.1. Severity level: Contact Discharge at ±4KV Air Discharge at±8KV

Level	Test Voltage Contact Discharge (KV)	Test Voltage Air Discharge (KV)
1	2	2
2	4	4
3	6	8
4	8	15
X	Special	Special

4.5.2.2. Performance criterion: **B**

4.5.3. Description of the test set-up

4.5.3.1. Operating Condition

The EUT is communication with PC system under LAN during the test, and the results of the maximum susceptive results are recorded.

4.5.3.2. Photo of the test set-up

4.5.4. Test specification:

Contact discharge voltage:	■ 2 kV	■ 4 kV	■ 6kV
Number of discharges:	□ ≥ 10	■ ≥ 25	
Air discharge voltage:	■ 2 kV	■ 4 kV	■ 8 kV
Number of discharges:	□ ≥ 10	■ ≥ 25	
Type of discharge:	Direct discharge	■ Air discharge ■ Contact discharge	
	Indirect discharge	■ Contact discharge	
Polarity:	■ Positive	■ Negative	
Discharge location:	■ see photo documentation of the test set-up		
	■ all external locations accessible by hand		
	■ horizontal plate (HCP)		
	■ vertical coupling plate (VCP)		

4.5.5. Test result

The requirements are **Fulfilled** Performance Criterion: **B**

Remarks: During the test no deviation was detected to the selected operation mode(s).

4.6. Radiated, radio-frequency, electromagnetic field

For test instruments and accessories used see section 3.6.

4.6.1. Description of the test location and date

Test location: Shielded room No. 4

Date of test: Aug 08, 2007

Operator: Andy

4.6.2. Severity levels of radiated, radio-frequency, electromagnetic field

4.6.2.1. Severity level: 3 V/m

Level	Field Strength (V/m)
1.	1
2.	3
3.	10
X	Special

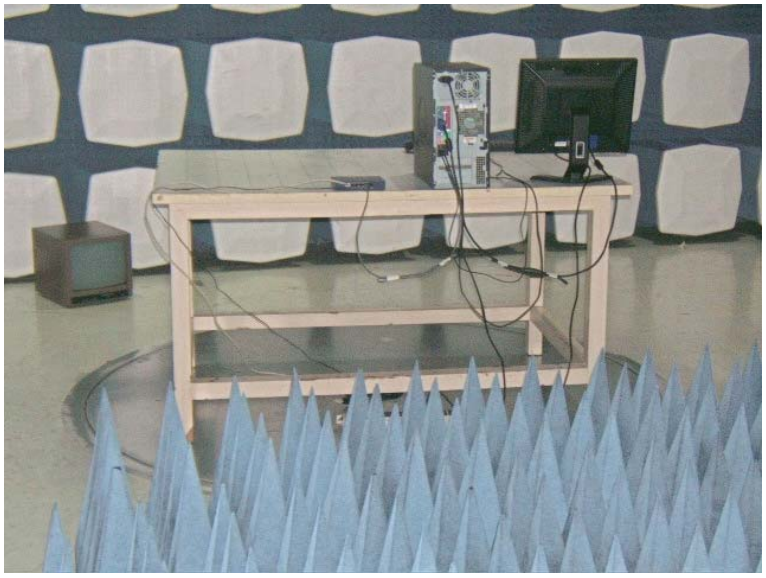
4.6.2.2. Performance criterion**: A**

4.6.3. Description of the test set-up

4.6.3.1. Operating Condition

The EUT is communication with PC system under LAN during the test, and the results of the maximum susceptive results are recorded.

4.6.3.2. Photo of the test set-up



4.6.4. Test specification:

Frequency range:	■ 80 MHz to 1000 MHz
Field strength:	■ 3 V/m ■ 10V/m
EUT - antenna separation:	■ 3 m
Modulation:	■ AM: 80 % ■ sinusoidal 1000Hz
Frequency step:	■ 1 % with 3s dwell time
Antenna polarisation:	■ horizontal ■ vertical

4.6.5. Test result

The requirements are **Fulfilled** Performance Criterion: **A**

Remarks: During the test no deviation was detected to the selected operation mode(s).

4.7. Electrical fast transients / Burst

For test instruments and accessories used see section 3.6.

4.7.1. Description of the test location and date

Test location: Shielded room No. 1

Date of test: Aug 08, 2007

Operator: Andy

4.7.2. Severity levels of electrical fast transients / Burst

4.7.2.1. Severity level: ±1000V for AC power supply lines

Open circuit output test voltage and repetition rate of the impulses				
Level	On power port, PE		On I/O signal, data and control ports	
	V peak(KV)	Repetition rate (KHz)	Voltage peak	Repetition rate (KHz)
1.	0.5	5 or 100	0.25	5 or 100
2.	1	5 or 100	0.5	5 or 100
3.	2	5 or 100	1	5 or 100
4.	4	5 or 100	2	5 or 100
X	Special	Special	Special	Special

4.7.2.2. Performance criterion: **B**

4.7.3. Description of the test set-up

4.7.3.1. Operating Condition

The EUT is communication with PC system under LAN during the test, and the results of the maximum susceptive results are recorded.

4.7.3.2. Photo of the test set-up

4.7.4. Test specification:

Coupling network:	☐ 0.5 kV	■ 1 kV	☐ 2 kV
Coupling clamp:	■ 0.5 kV	☐ 1 kV	
Burst frequency:	■ 5.0 kHz		
Coupling duration:	■ ≥ 60 s		
Polarity:	■ positive	■ negative	

4.7.5. Coupling points

Cable description:	AC power line : L, N, L+N Signal Line	
Screening:	o screened	■ unscreened
Status:	o passive	■ active
Signal transmission:	■ analogue	o digital
Length:	■ 1.0 m	

4.7.6. Test result

The requirements are **Fulfilled** Performance Criterion: **B**

Remarks: During the test no deviation was detected to the selected operation mode(s).

4.8. Surge

For test instruments and accessories used see section 3.6.

4.8.1. Description of the test location and date

Test location: Shielded room No. 1

Date of test: Aug 08, 2007

Operator: Andy

4.8.2. Severity levels of surge

4.8.2.1. Severity level: Line to line: ±1KV Line to earth: ±2KV

Level	Test Voltage (KV)
1	0.5
2	1.0
3	2.0
4	4.0
*	Special

4.8.2.2. Performance Criterion: **B**

4.8.3. Description of the test set-up

4.8.3.1. Operating Condition

The EUT is communication with PC system under LAN during the test, and the results of the maximum susceptive results are recorded.

4.8.3.2. Photo of the test set-up

4.8.4. Test specification:

Pulse amplitude-Power line sym.:	☐ 0.5 kV	■ 1 kV	☐ 2 kV	☐ 4 kV
Source impedance: 2 Ω + 18µF				
Pulse amplitude-Power line unsym:	☐ 0.5 kV	☐ 1 kV	■ 2 kV	☐ 4 kV
Source impedance: 12 Ω + 9µF				
Number of surges:	■ 5 Surges/Phase angle			
Phase angle:	■ 0 °	■ 90 °	■ 180 °	■ 270 °
Repetition rate:	■ 60 s			
Polarity:	■ positive		■ negative	

4.8.5. Coupling points

Cable description: AC power line: L-N, L-PE, N-PE

Screening:	o screened	■ unscreened
Status:	o passive	■ active
Signal transmission:	■ analogue	o digital
Length:	■ 1.0 m	

4.8.6. Test result

The requirements are **Fulfilled** Performance Criterion: **B**

Remarks: During the test no deviation was detected to the selected operation mode(s).

4.9. Conducted disturbances induced by radio-frequency fields

For test instruments and accessories used see section 3.6.

4.9.1. Description of the test location and date

Test location: Shielded room No. 2

Date of test: Aug 08, 2007

Operator: Andy

4.9.2. Severity levels of conducted disturbances induced by radio-frequency fields discharge

4.9.2.1. Severity Level: 3V

Level	Field Strength （V）
1.	1
2.	3
3.	10
X	Special

4.9.2.2. Performance Criterion: **A**

4.9.3. Description of the test set-up

4.9.3.1. Operating Condition

The EUT is communication with PC system under LAN during the test, and the results of the maximum susceptive results are recorded.

4.9.3.2. Photo of the test set-up

4.9.4. Test specification:

Frequency range:	■ 0.15 MHz to 80 MHz
Test voltage:	■ 3 V
Test Line:	AC mains Signal Line
Modulation:	■ AM: 80 % ■ sinusoidal 1000Hz
Frequency step:	■ 1 % with 3s dwell time

4.9.5. Coupling points

Cable description : AC power line
Signal Line

Screening:	o screened	■ unscreened
Status:	o passive	■ active
Signal transmission:	■ analogue	o digital
Length:	■ 1.0 m	

4.9.6. Test result

The requirements are **Fulfilled** Performance Criterion: **A**

Remarks: During the test no deviation was detected to the selected operation mode(s).

4.10. Magnetic Field Immunity

The test is not applicable.

4.11. Voltage Dips and Interruptions

For test instruments and accessories used see section 3.6.

4.11.1. Description of the test location and date

Test location: Shielded room No. 1

Date of test: Aug 08, 2007

Operator: Andy

4.11.2. Severity levels of voltage dips and interruptions

Test Level (%Ut)	Voltage Dip And Short Interruptions (%Ut)	Performance Criterion	Duration (In Period)
0	100	B	0.5
70	30	C	25
0	100	C	250

4.11.3. Description of the test set-up

4.11.3.1. Operating Condition

The EUT is communication with PC system under LAN during the test, and the results of the maximum susceptive results are recorded.

4.11.3.2. Photo of the test set-up

4.11.4. Test specification:

Nominal Mains Voltage (V_N):	■ 230 V AC
Number of voltage fluctuations:	■ 3
Level of reduction(dip) / duration:	■ 100 % / 10ms ■ 30 % / 500ms
Nominal Mains Voltage (V_N):	■ 230 V AC
Number of Interruptions:	■ 3
Duration of the Interruption:	■ 5000 ms

4.11.5. Test result

The requirements are **Fulfilled**
Performance Criterion **See section 4.11.2**

Remarks: During the test no deviation was detected to the selected operation mode(s).

5. External and Internal Photos of the EUT

5.1. External photos of the EUT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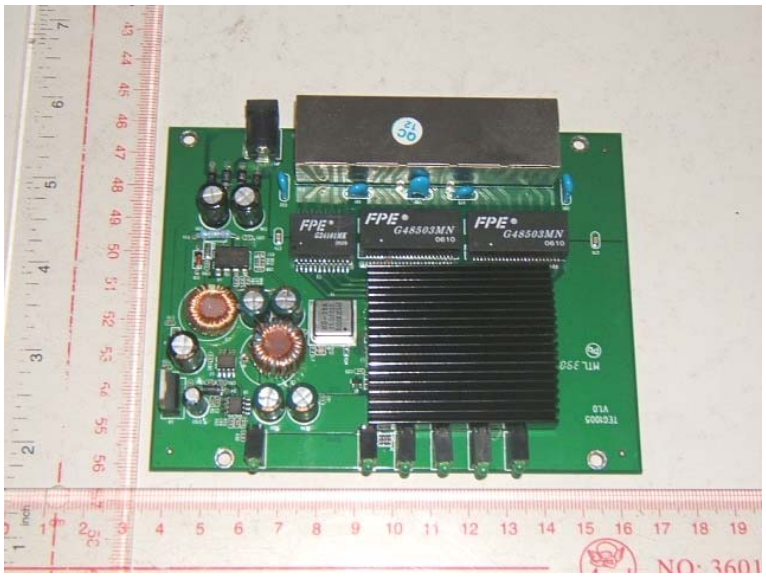
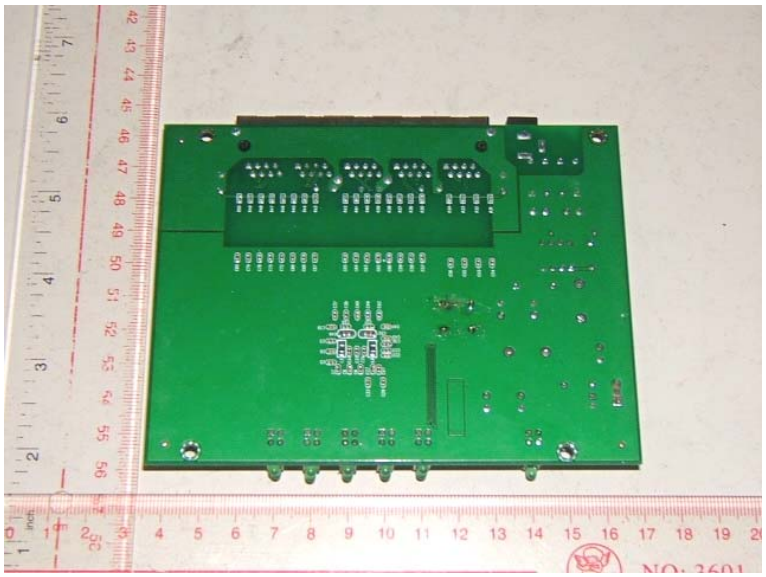
5.2. Internal photos of the EUT





.....End of Report.....