



SHENZHEN HUATONGWEI INTERNATIONAL INSPECTION Co., Ltd.



Verification of Conformity

Certification number: CTE09120018

Issue date: Dec 17, 2009

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

FCC Rules and Regulations Part 15 Subpart B 2008

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

Applicant:

GlobTek, Inc.

186 Veterans Dr. Northvale, NJ 07647 USA

Manufacturer 1:

GlobTek, Inc.

186 Veterans Dr. Northvale, NJ 07647 USA

Manufacturer 2:

GlobTek (Suzhou) Co., Ltd

Building 4, No.76, Jin Ling East Rd., Suzhou Industrial Park, Suzhou, Jiangsu 215021, China

Equipment under test:

Medical power supply/I.T.E power supply

Model number:

GTM91110PWWV-V-X.X-FAW-S and GT-91110PWWV-V-X.X-FAW-S
(91110P: family designator, WWW: Rated output Wattage, Max. is 240W, VV: Rated output Voltage, from 12 Volts to 55 Volts, X.X: output voltage deviation from standard model by subtracting or adding X.X volts from standard output voltage, FAW: "F" for open frame, "A" for airflow, "W" for Class II units, NO "A" for convection cooling)

Laboratory Name:

Shenzhen Huatongwei International Inspection Co., Ltd

FCC-Registration No.: 662850

A2LA-Lab Cert. No.: 2243.01

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

Note:

The device is tested to determine the maximum emission levels, and the results are compared to the radiated emission limits listed in FCC Rules and Regulations Part 15 Subpart B.

The results in this report are applicable only to the equipment tested.

This report shall not be reproduced in full or in part without written approval of Shenzhen Huatongwei International Inspection Co., Ltd.

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

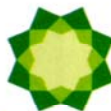
Authorized by:


Authorized Signature(s)

Name of the Representative

Of the Responsible Party:





TEST REPORT

FCC Rules and Regulations Part 15 Subpart B Class B 2008 Radio Frequency Devices – Unintentional Radiators – Limits and methods of measurement

Report Reference No.....: TRE09120018

Compiled by

(position+printed name+signature)...: File administrator Mellen Lee

Supervised by

(position+printed name+signature)...: Technique principal Byron Lai

Approved by

(position+printed name+signature)...: Manager Jimmy Li

Date of issue.....: Dec 17, 2009

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.....: GlobTek, Inc.

Address.....: 186 Veterans Dr. Northvale, NJ 07647 USA

Test specification:

Standard.....: FCC Rules and Regulations Part 15 Subpart B Class B 2008

Non-standard test method.....: /

Test Report Form No.....: HTWEMCFCC_1A

TRF Originator.....: Shenzhen Huatongwei International Inspection Co., Ltd

Master TRF.....: Dated 2006-06

Shenzhen Huatongwei International Inspection Co., Ltd. All rights reserved.

This publication may be reproduced in whole or in part for non-commercial purposes as long as the Shenzhen Huatongwei International Inspection Co., Ltd is acknowledged as copyright owner and source of the material. Shenzhen Huatongwei International Inspection Co., Ltd takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

Test item description.....: Medical power supply/I.T.E power supply

Manufacturer 1.....: GlobTek, Inc.

Manufacturer 2.....: GlobTek (Suzhou) Co., Ltd

Model/Type reference.....: GTM91110PWWVVV-X.X-FAW-S and GT-91110PWWVVV-X.X-FAW-S (91110P: family designator, WWW: Rated output Wattage, Max. is 240W, VV: Rated output Voltage, from 12 Volts to 55 Volts, X.X: output voltage deviation from standard model by subtracting or adding X.X volts from standard output voltage, FAW: "F "for open frame, "A "for airflow, "W" for Class II units, NO "A" for convection cooling)

Listed Models.....: /

Ratings.....: 100-240V 4.0A Max. 240W 50-60Hz Load: 240W

Result.....: Positive

EMC -- TEST REPORT

Test Report No. :	TRE09120018	Dec 17, 2009 Date of issue
--------------------------	--------------------	-------------------------------

Equipment under Test : Medical power supply/I.T.E power supply

Model / Type : GTM91110PWWWVV-X.X-FAW-S and GT-91110PWWWVV-X.X-FAW-S (91110P: family designator, WWW: Rated output Wattage, Max. is 240W, VV: Rated output Voltage, from 12 Volts to 55 Volts, X.X: output voltage deviation from standard model by subtracting or adding X.X volts from standard output voltage, FAW: "F" for open frame, "A" for airflow, "W" for Class II units, NO "A" for convection cooling)

Listed Model : /

Applicant : GlobTeck, Inc.

Address : 186 Veterans Dr. Northvale, NJ 07647 USA

Manufacturer 1 : GlobTeck, Inc.

Address : 186 Veterans Dr. Northvale, NJ 07647 USA

Manufacturer 2 : GlobTek (Suzhou) Co., Ltd

Address : Building 4, No.76, Jin Ling East Rd., Suzhou Industrial Park, Suzhou, Jiangsu 215021, 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.	<u>TEST STANDARDS</u>	<u>4</u>
2.	<u>SUMMARY</u>	<u>5</u>
2.1.	General Remarks	5
2.2.	Equipment Under Test	5
2.3.	Short description of the Equipment under Test (EUT)	5
2.4.	EUT operation mode	6
2.5.	EUT configuration	6
3.	<u>TEST ENVIRONMENT</u>	<u>6</u>
3.1.	Address of the test laboratory	6
3.2.	Test Facility	6
3.3.	Environmental conditions	7
3.4.	Test Description	7
3.5.	Statement of the measurement uncertainty	7
3.6.	Equipments Used during the Test	8
4.	<u>TEST CONDITIONS AND RESULTS</u>	<u>8</u>
4.1.	Radiated Emission	8
4.2.	Conducted Disturbance	14
5.	<u>EXTERNAL AND INTERNAL PHOTOS OF THE EUT</u>	<u>20</u>
5.1.	External photos of the EUT	20
5.2.	Internal photos of the EUT	21

1. TEST STANDARDS

The tests were performed according to following standards:

[FCC Rules and Regulations Part 15 Subpart B Class B 2008](#) Radio Frequency Devices – Unintentional Radiators – Limits and methods of measurement

2. SUMMARY

2.1. General Remarks

Date of receipt of test sample : Dec 04, 2009

Testing commenced on : Dec 04, 2009

Testing concluded on : Dec 17, 2009

2.2. Equipment Under Test

Power supply system utilised

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

120V / 60Hz

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

The EUT is a Medical power supply/I.T.E power supply. The model GTM91110PWWWVV-X.X-FAW-S Series (Class II see the following models list) based on all the models have same PCB layout, and the same circuit diagram. All the models are similar except diameter and turns of coil in the secondary of transformer. GTM91110PWWWVV-X.X-FAW-S 12V has the full test, only the test Conducted disturbance and Radiated emission are performed on the model GTM91110PWWWVV-X.X-FAW-S 18V, GTM91110PWWWVV-X.X-FAW-S 24V and GTM91110PWWWVV-X.X-FAW-S 55V.

Model Number	Output Watt	Output Voltage	Output Current
GT(M)91110P24012-FAW-S	240W	12V	20A
GT(M)91110P24015-FAW-S	240W	15V	16A
GT(M)91110P24018-FAW-S	240W	18V	13.3A
GT(M)91110P24024-FAW-S	240W	24V	10A
GT(M)91110P24036-FAW-S	240W	36V	6.7A
GT(M)91110P24048-FAW-S	240W	48V	5.0A
GT(M)91110P24055-FAW-S	240W	55V	4.36A

Serial No.: None

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 FCC Rules and Regulations Part 15 Subpart B Class B 2008 and ANSI 63.4 2003, 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

- o Multimeter

Manufacturer : MASTECH

M/N : MS8221A

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: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories, Date of Registration: August 02, 2007. Valid time is until March 29, 2012.

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: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing. Valid time is until Dec 31, 2011.

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 July 01, 2009.

IC-Registration No.: 5377A

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. 5377A on February 13th, 2011.

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.

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.

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:	<u>15-35 ° C</u>
Humidity:	<u>30-60 %</u>
Atmospheric pressure:	<u>950-1050mbar</u>

3.4. Test Description

Emission Measurement		
Radiated Emission	FCC Rules and Regulations Part 15 Subpart B Class B 2008	PASS
Conducted Disturbance	FCC Rules and Regulations Part 15 Subpart B Class B 2008	PASS

Remark: 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	0.15~30 MHz	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	2009/05
2	EMI TEST RECEIVER	ROHDE & SCHWARZ	ESI 26	100009	2009/11
3	RF TEST PANEL	ROHDE & SCHWARZ	TS / RSP	335015/ 0017	2009/11
4	TURNTABLE	ETS	2088	2149	2009/11
5	ANTENNA MAST	ETS	2075	2346	2009/11
6	EMI TEST SOFTWARE	ROHDE & SCHWARZ	ESK1	N/A	2009/11

Conducted Disturbance					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	EMI Test Receiver	ROHDE & SCHWARZ	ESCI	100106	2009/11
2	Artificial Mains	ROHDE & SCHWARZ	ESH2-Z5	100028	2009/11
3	Pulse Limiter	ROHDE & SCHWARZ	ESHSZ2	100044	2009/11
4	EMI Test Software	ROHDE & SCHWARZ	ESK1	N/A	2009/11

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

Frequency (MHz)	Distance (Meters)	Field Strengths Limits (dB μ V/m)
30 ~ 88	3	40
88~216	3	43.5
216 ~ 960	3	46
960~1000	3	54

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

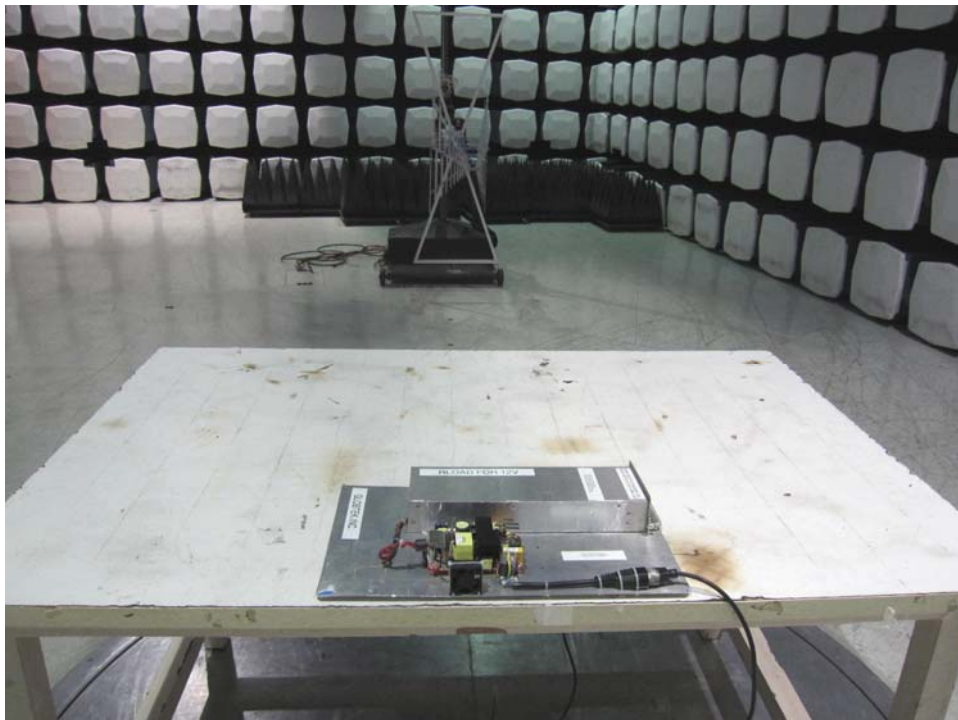
4.1.3.1. Operating Condition

The EUT is full load during the test, and the maximum emanating results are recorded.

4.1.3.2. Test Procedure

EUT is tested in Semi-Anechoic Chamber. EUT is placed on a nonmetal table which is 0.8 meter above a grounded turntable. The turntable can rotate 360 degrees to determine the azimuth of the maximum emission level. EUT is set 3 meters away from the center of receiving antenna, and the antenna can move up and down from 1 to 4 meter to find out the maximum emission level. Both horizontal and vertical polarizations of the antenna are set on the test.

4.1.3.3. Photos of the test set-up



4.1.4. Test result

The requirements are **Fulfilled**

Band Width: 120KHz

Frequency Range: 30MHz to 1000MHz

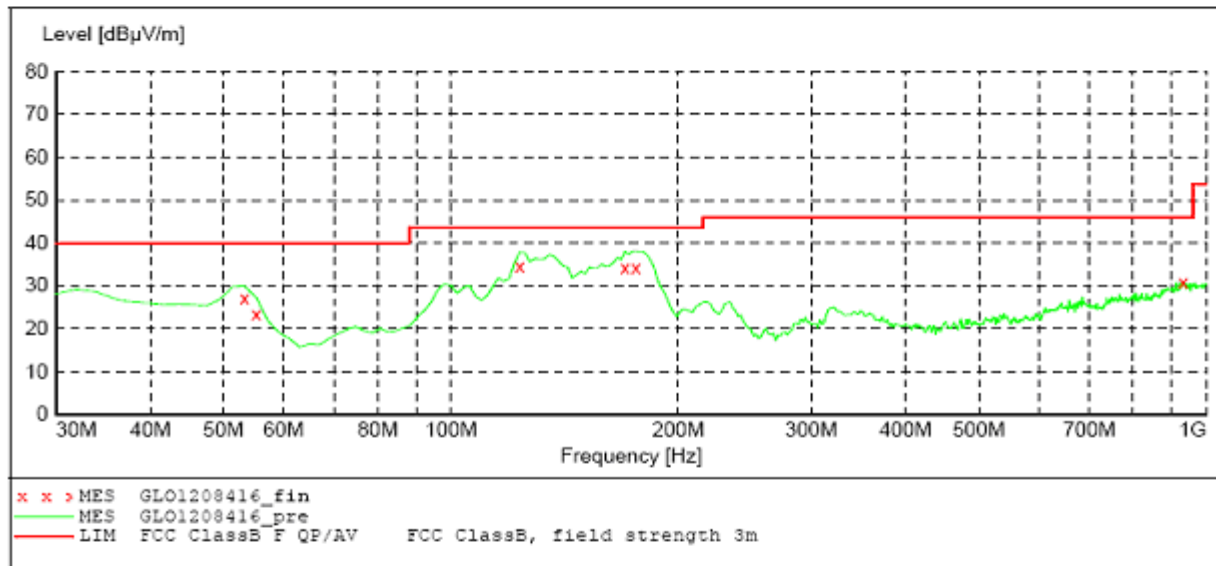
Remarks: The limits are kept. For detailed results, please see the following page(s).
 $\text{Margin} = \text{Limit} - \text{Level}$, $\text{Level} = \text{read values} + \text{transducer}$, $\text{Transducer} = \text{Antenna Factor} + \text{Pre-Amplifier Factor} + \text{Cable loss (with 6dB Attenuator)}$

SHENZHEN HUATONGWEI INTERNATIONAL INSPECTION CO.,LTD**RADIATED EMISSION FCC PART 15 B**

EUT: Medical power supply/I.T.E power supply
 M/N:GTM91110PWWVWV-X.X-PAW-S 12V CLASSII
 Manufacturer: GlobTek, Inc.
 Operating Condition: ON
 Test Site: 3M CHAMBER
 Operator: Peter
 Test Specification: AC 120V/60Hz
 Comment:
 Start of Test: 12/8/2009 / 7:28:19PM

SCAN TABLE: "test Field(30M-1G)QP"

Short Description:		Field Strength(30M-1G)				
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
30.0 MHz	1.0 GHz	60.0 kHz	QuasiPeak	1.0 s	120 kHz	HL562 09

**MEASUREMENT RESULT: "GLO1208416_fin"**

12/8/2009 7:29PM

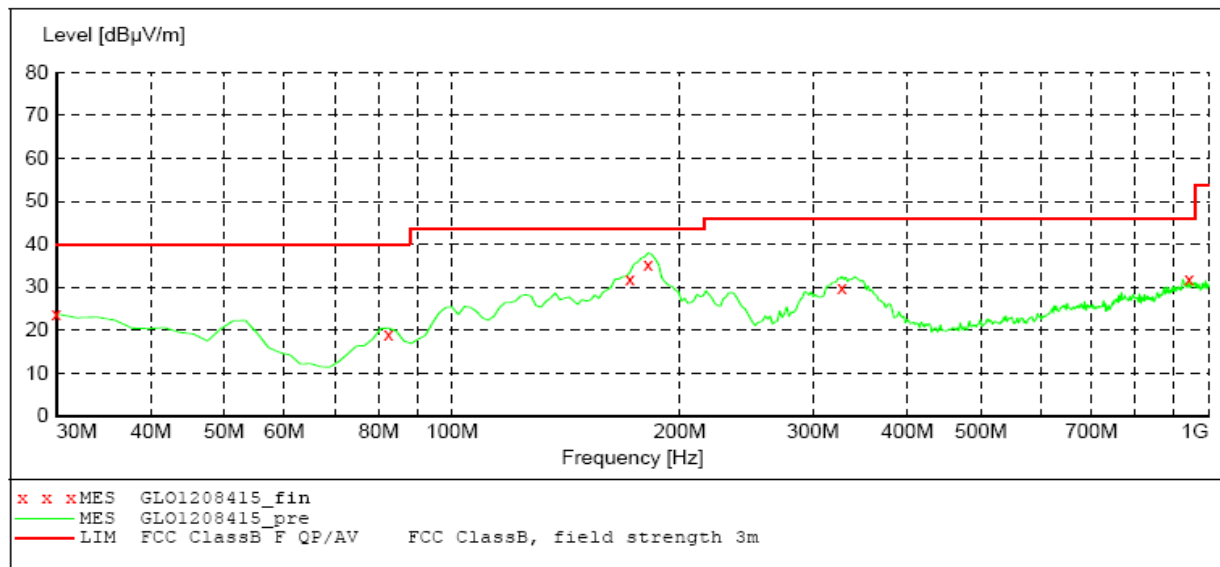
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
53.326653	27.90	-17.1	40.0	12.1	QP	100.0	218.00	VERTICAL
55.270541	23.20	-17.8	40.0	16.8	QP	100.0	177.00	VERTICAL
123.306613	35.90	-13.2	43.5	7.6	QP	100.0	10.00	VERTICAL
169.959920	35.10	-17.5	43.5	8.4	QP	100.0	49.00	VERTICAL
175.791583	35.10	-17.0	43.5	8.4	QP	100.0	49.00	VERTICAL
931.963928	30.90	2.6	46.0	15.1	QP	100.0	347.00	VERTICAL

SHENZHEN HUATONGWEI INTERNATIONAL INSPECTION CO.,LTD**RADIATED EMISSION FCC PART 15 B**

EUT: Medical power supply/I.T.E power supply
M/N:GTM91110PWWWVV-X.X-FAW-S 12V CLASSII
Manufacturer: GlobTek, Inc.
Operating Condition: FULL LOAD
Test Site: 3M CHAMBER
Operator: Peter
Test Specification: AC 120V/60Hz
Comment:
Start of Test: 12/8/2009 / 7:25:54PM

SCAN TABLE: "test Field(30M-1G)QP"

Short Description:		Field Strength(30M-1G)				
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
30.0 MHz	1.0 GHz	60.0 kHz	QuasiPeak	1.0 s	120 kHz	HL562 09

**MEASUREMENT RESULT: "GLO1208415_fin"**

12/8/2009 7:27PM

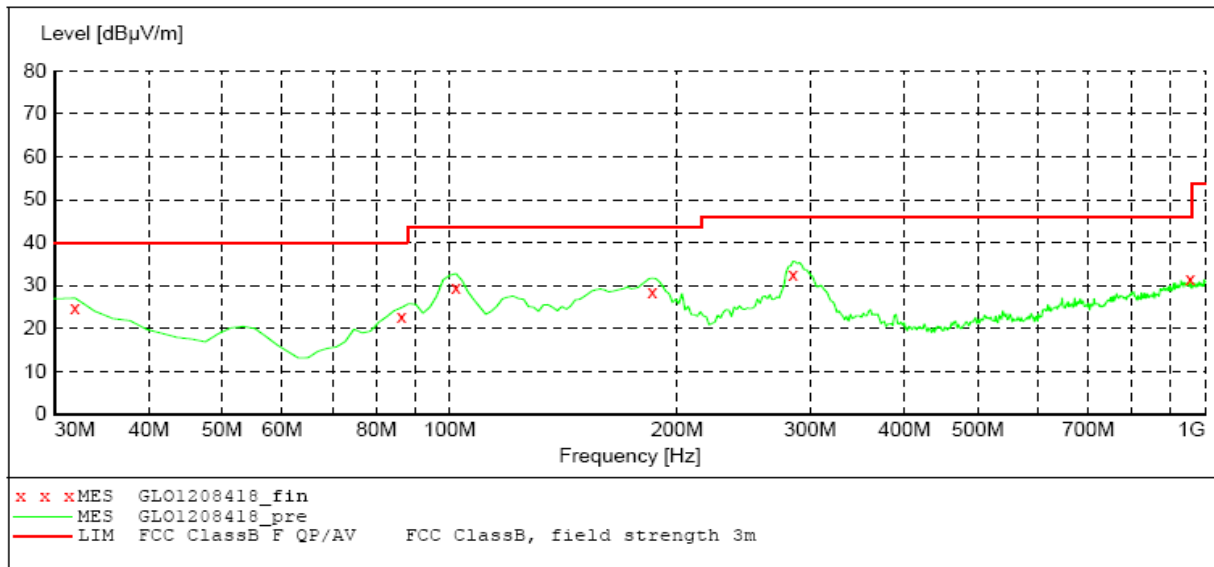
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.000000	23.80	-4.7	40.0	16.2	QP	300.0	360.00	HORIZONTAL
82.484970	18.50	-15.1	40.0	21.5	QP	300.0	56.00	HORIZONTAL
171.903808	32.50	-17.3	43.5	11.0	QP	300.0	69.00	HORIZONTAL
181.623246	35.00	-16.6	43.5	8.5	QP	100.0	242.00	HORIZONTAL
327.414830	30.50	-10.9	46.0	15.5	QP	100.0	157.00	HORIZONTAL
941.683367	32.00	2.8	46.0	14.0	QP	300.0	345.00	HORIZONTAL

SHENZHEN HUATONGWEI INTERNATIONAL INSPECTION CO., LTD**RADIATED EMISSION FCC PART 15 B**

EUT: Medical power supply/I.T.E power supply
 M/N:GTM91110PWWWV-V-X.X-PAW-S 55V CLASSII
 Manufacturer: GlobTek, Inc.
 Operating Condition: FULL LOAD
 Test Site: 3M CHAMBER
 Operator: Peter
 Test Specification: AC 120V/60Hz
 Comment:
 Start of Test: 12/8/2009 / 9:35:16PM

SCAN TABLE: "test Field(30M-1G)QP"

Short Description:		Field Strength(30M-1G)				
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency	Frequency	Width				
30.0 MHz	1.0 GHz	60.0 kHz	QuasiPeak	1.0 s	120 kHz	HL562 09

**MEASUREMENT RESULT: "GLO1208418_fin"**

12/8/2009 9:37PM

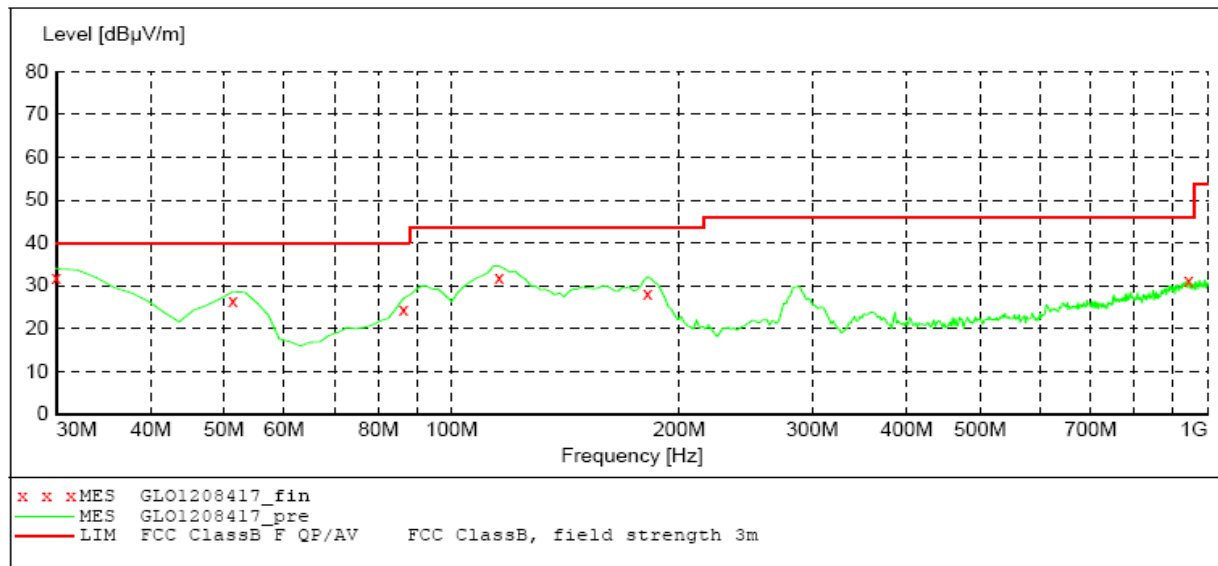
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
31.943888	24.10	-5.8	40.0	15.9	QP	300.0	7.00	HORIZONTAL
86.372745	22.90	-14.5	40.0	17.1	QP	300.0	229.00	HORIZONTAL
101.923848	29.80	-13.7	43.5	13.7	QP	300.0	135.00	HORIZONTAL
185.511022	28.70	-16.4	43.5	14.8	QP	100.0	95.00	HORIZONTAL
284.649299	32.70	-11.4	46.0	13.3	QP	100.0	183.00	HORIZONTAL
955.290581	31.40	2.7	46.0	14.6	QP	300.0	47.00	HORIZONTAL

SHENZHEN HUATONGWEI INTERNATIONAL INSPECTION CO.,LTD**RADIATED EMISSION FCC PART 15 B**

EUT: Medical power supply/I.T.E power supply
M/N:GTM91110PWWVVV-X.X-FAW-S 55V CLASSII
Manufacturer: GlobTek, Inc.
Operating Condition: FULL LOAD
Test Site: 3M CHAMBER
Operator: Peter
Test Specification: AC 120V/60Hz
Comment:
Start of Test: 12/8/2009 / 9:32:31PM

SCAN TABLE: "test Field(30M-1G)QP"

Short Description:		Field Strength(30M-1G)				
Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width		Time	Bandw.	
30.0 MHz	1.0 GHz	60.0 kHz	QuasiPeak	1.0 s	120 kHz	HL562 09

**MEASUREMENT RESULT: "GLO1208417_fin"**

12/8/2009 9:33PM

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.000000	31.00	-4.7	40.0	9.0	QP	100.0	96.00	VERTICAL
51.382766	26.70	-16.5	40.0	13.3	QP	100.0	242.00	VERTICAL
86.372745	24.10	-14.5	40.0	15.9	QP	100.0	156.00	VERTICAL
115.531062	32.70	-12.9	43.5	10.8	QP	100.0	42.00	VERTICAL
181.623246	28.10	-16.6	43.5	15.4	QP	100.0	55.00	VERTICAL
943.627255	31.10	2.7	46.0	14.9	QP	100.0	183.00	VERTICAL

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 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
5.000~30.000	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 full load during the test, and the maximum emanating results are recorded.

4.2.3.2. Test Procedure

EUT is placed on a nonmetal table 0.8 meter above the grounded reference plane. The power line of the EUT is connected to the LISN which is connected to receiver by coaxial line, and then disturbance signals of the neutral line and live line can be detected by the receiver.

4.2.3.3. Photos of the test set-up



4.2.4. Test result

The requirements are **Fulfilled**

Band Width: 9KHz

Frequency Range: 150KHz to 30MHz

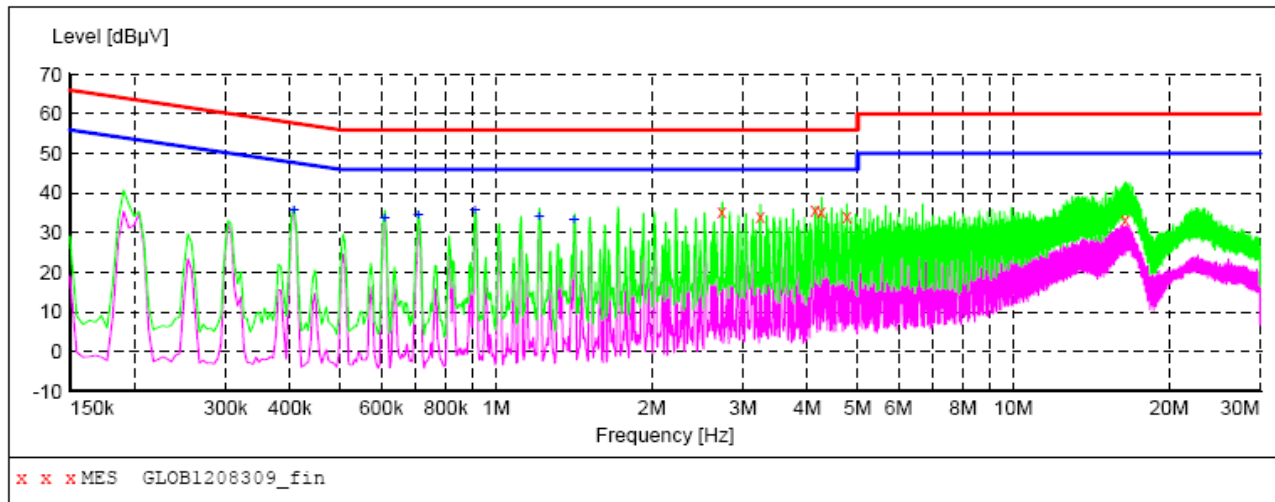
Remarks: The limits are kept. For detailed results, please see the following page(s).
 $\text{Margin} = \text{Limit} - \text{Level}$, $\text{Level} = \text{read values} + \text{transducer}$, $\text{Transducer} = \text{Insertion loss of LISN} + \text{Cable loss} + \text{Insertion loss of Pulse limiter}$

Shenzhen Huatongwei International Inspection CO.,Ltd**Voltage Mains Test FCC PART 15 B**

EUT: Medical power supply/I.T.E power supply
M/N:GTM91110PWWVVV-X.X-FAW-S 12V CLASSII
Manufacturer: GlobTek, Inc.
Operating Condition: FULL LOAD
Test Site: 3# SHIELDED ROOM
Operator: TONY
Test Specification: AC 120V/60Hz
Comment:
Start of Test: 12/8/2009 / 4:54:41PM

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT: "GLOB1208309_fin"**

12/8/2009 4:57PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
2.733000	35.40	10.4	56	20.6	QP	N	GND
3.241500	34.10	10.4	56	21.9	QP	N	GND
4.141500	35.50	10.4	56	20.5	QP	N	GND
4.254000	35.40	10.4	56	20.6	QP	N	GND
4.762500	34.10	10.4	56	21.9	QP	N	GND
16.449000	33.10	10.8	60	26.9	QP	N	GND

MEASUREMENT RESULT: "GLOB1208309_fin2"

12/8/2009 4:57PM

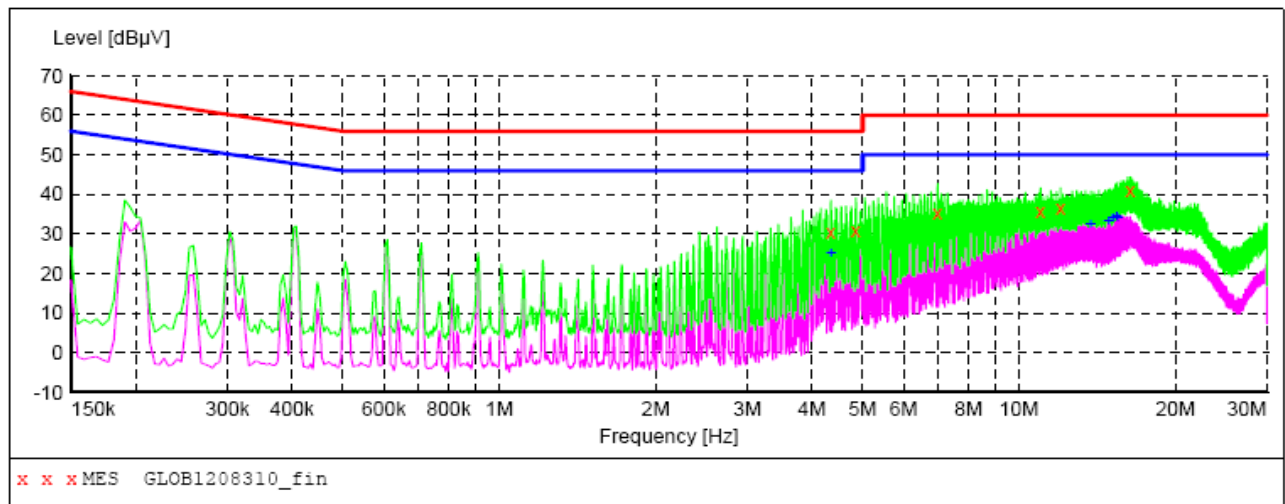
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.406500	35.80	10.2	48	11.9	AV	N	GND
0.609000	33.60	10.2	46	12.4	AV	N	GND
0.708000	34.50	10.2	46	11.5	AV	N	GND
0.910500	35.50	10.2	46	10.5	AV	N	GND
1.212000	33.90	10.3	46	12.1	AV	N	GND
1.414500	33.30	10.3	46	12.7	AV	N	GND

Shenzhen Huatongwei International Inspection CO.,Ltd**Voltage Mains Test FCC PART 15 B**

EUT: Medical power supply/I.T.E power supply
M/N:GTM91110PWWVVV-X.X-FAW-S 12V CLASSII
Manufacturer: GlobTek, Inc.
Operating Condition: FULL LOAD
Test Site: 3# SHIELDED ROOM
Operator: TONY
Test Specification: AC 120V/60Hz
Comment:
Start of Test: 12/8/2009 / 4:58:42PM

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT: "GLOB1208310_fin"**

12/8/2009 5:01PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
4.344000	30.40	10.4	56	25.6	QP	L1	GND
4.848000	30.90	10.4	56	25.1	QP	L1	GND
6.967500	35.20	10.4	60	24.8	QP	L1	GND
10.995000	35.80	10.6	60	24.2	QP	L1	GND
12.021000	36.60	10.6	60	23.4	QP	L1	GND
16.372500	40.80	10.7	60	19.2	QP	L1	GND

MEASUREMENT RESULT: "GLOB1208310_fin2"

12/8/2009 5:01PM

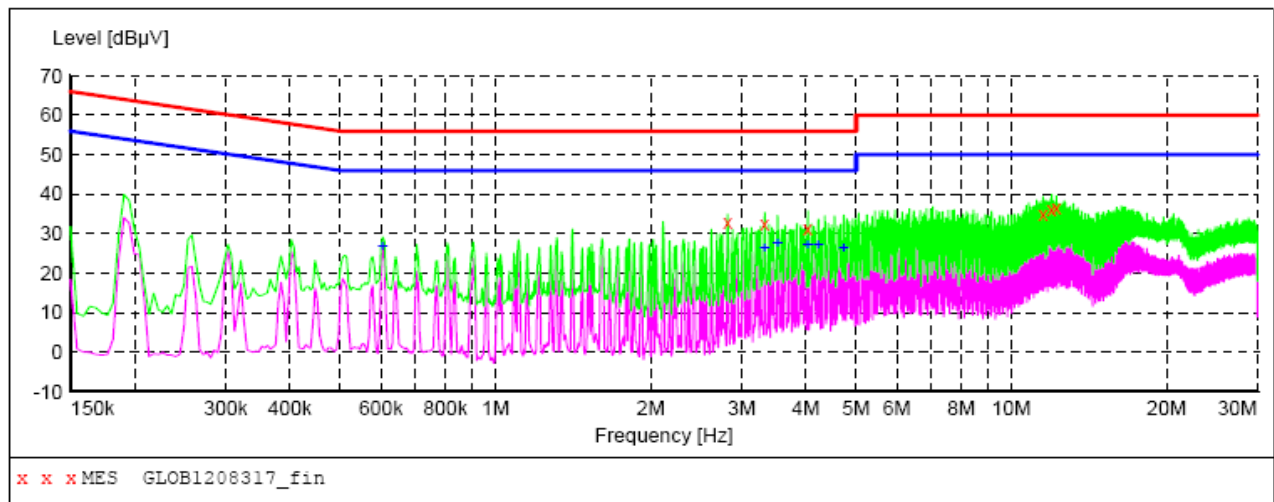
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
4.348500	25.10	10.4	46	20.9	AV	L1	GND
13.749000	32.60	10.6	50	17.4	AV	L1	GND
14.901000	33.30	10.7	50	16.7	AV	L1	GND
15.157500	33.90	10.7	50	16.1	AV	L1	GND
15.414000	34.40	10.7	50	15.6	AV	L1	GND
15.477000	33.90	10.7	50	16.1	AV	L1	GND

Shenzhen Huatongwei International Inspection CO.,Ltd**Voltage Mains Test FCC PART 15 B**

EUT: Medical power supply/I.T.E power supply
M/N:GTM91110PWWVVV-X.X-FAW-S 55V CLASSII
Manufacturer: GlobTek, Inc.
Operating Condition: FULL LOAD
Test Site: 3# SHIELDED ROOM
Operator: TONY
Test Specification: AC 120V/60Hz
Comment:
Start of Test: 12/8/2009 / 5:29:18PM

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT: "GLOB1208317_fin"**

12/8/2009 5:31PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
2.818500	32.90	10.4	56	23.1	QP	N	GND
3.327000	32.50	10.4	56	23.5	QP	N	GND
4.029000	31.10	10.4	56	24.9	QP	N	GND
11.521500	34.70	10.6	60	25.3	QP	N	GND
11.967000	36.30	10.6	60	23.7	QP	N	GND
12.228000	36.40	10.6	60	23.6	QP	N	GND

MEASUREMENT RESULT: "GLOB1208317_fin2"

12/8/2009 5:31PM

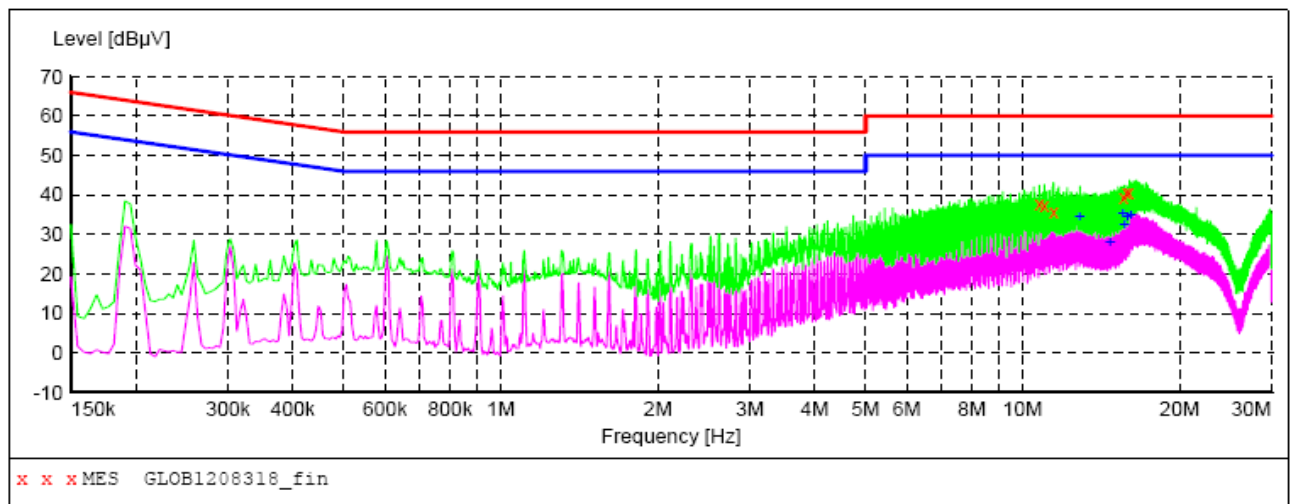
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.604500	26.90	10.2	46	19.1	AV	N	GND
3.327000	26.40	10.4	46	19.6	AV	N	GND
3.520500	27.40	10.4	46	18.6	AV	N	GND
4.033500	27.10	10.4	46	18.9	AV	N	GND
4.227000	27.30	10.4	46	18.7	AV	N	GND
4.735500	26.30	10.4	46	19.7	AV	N	GND

Shenzhen Huatongwei International Inspection CO.,Ltd**Voltage Mains Test FCC PART 15 B**

EUT: Medical power supply/I.T.E power supply
 M/N:GTM91110PWWVV-X.X-FAW-S 55V CLASSII
 Manufacturer: GlobTek, Inc.
 Operating Condition: FULL LOAD
 Test Site: 3# SHIELDED ROOM
 Operator: TONY
 Test Specification: AC 120V/60Hz
 Comment:
 Start of Test: 12/8/2009 / 5:32:09PM

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT: "GLOB1208318_fin"**

12/8/2009 5:34PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
10.765500	37.90	10.6	60	22.1	QP	L1	GND
11.017500	37.20	10.6	60	22.8	QP	L1	GND
11.476500	35.90	10.6	60	24.1	QP	L1	GND
15.630000	39.40	10.7	60	20.6	QP	L1	GND
15.823500	40.40	10.7	60	19.6	QP	L1	GND
16.017000	40.60	10.7	60	19.4	QP	L1	GND

MEASUREMENT RESULT: "GLOB1208318_fin2"

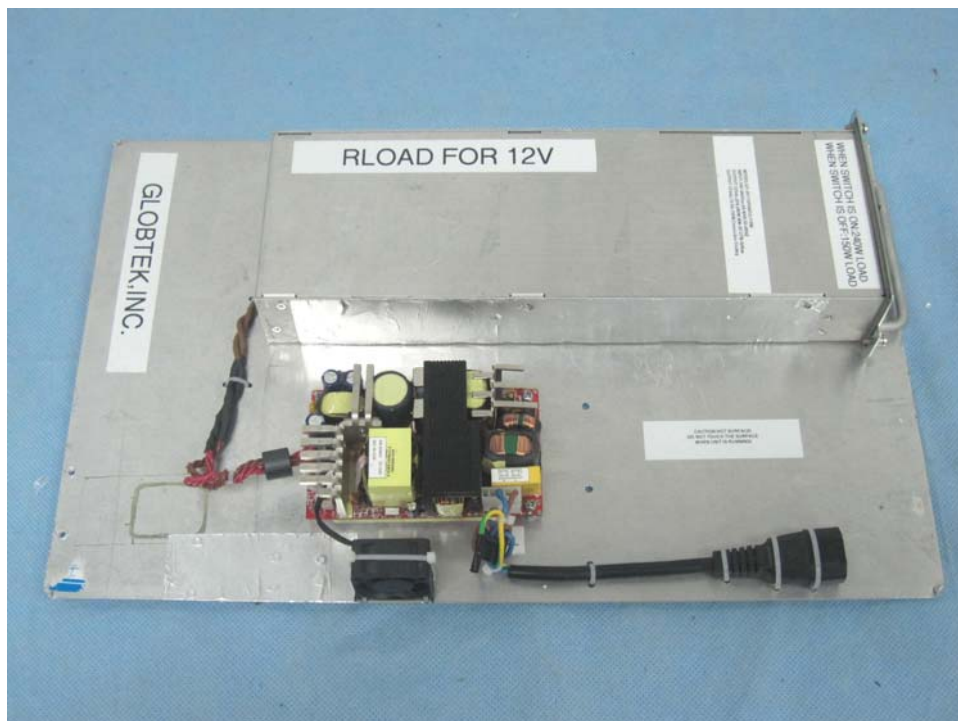
12/8/2009 5:34PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
12.876000	34.60	10.6	50	15.4	AV	L1	GND
14.730000	27.80	10.7	50	22.2	AV	L1	GND
15.567000	35.20	10.7	50	14.8	AV	L1	GND
15.693000	32.30	10.7	50	17.7	AV	L1	GND
15.886500	34.40	10.7	50	15.6	AV	L1	GND
16.143000	35.00	10.7	50	15.0	AV	L1	GND

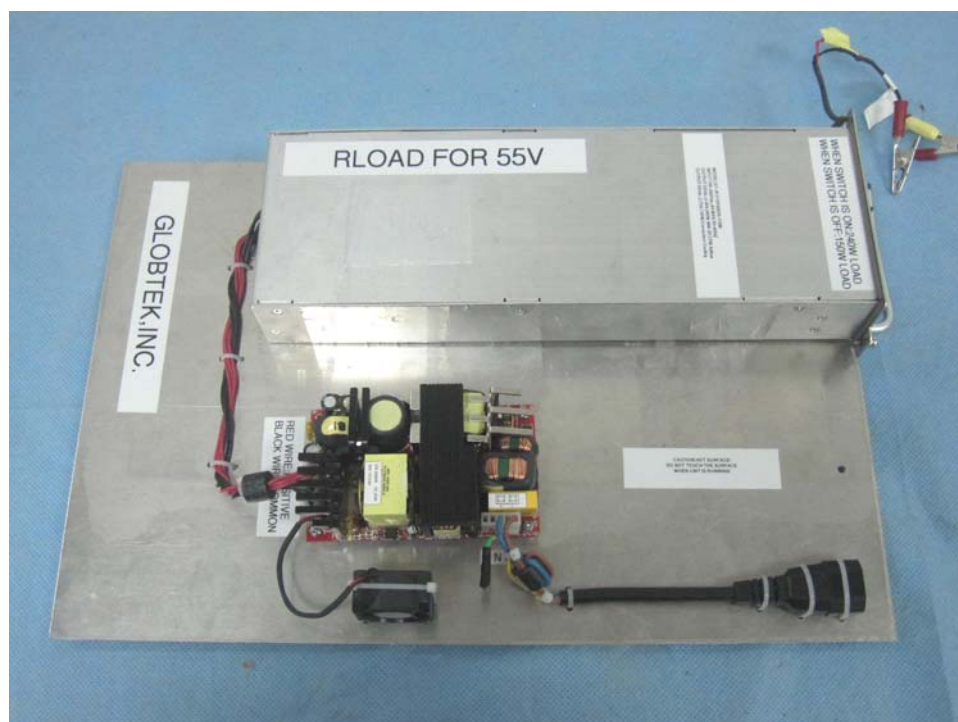
5. External and Internal Photos of the EUT

5.1. External photos of the EUT

12V:

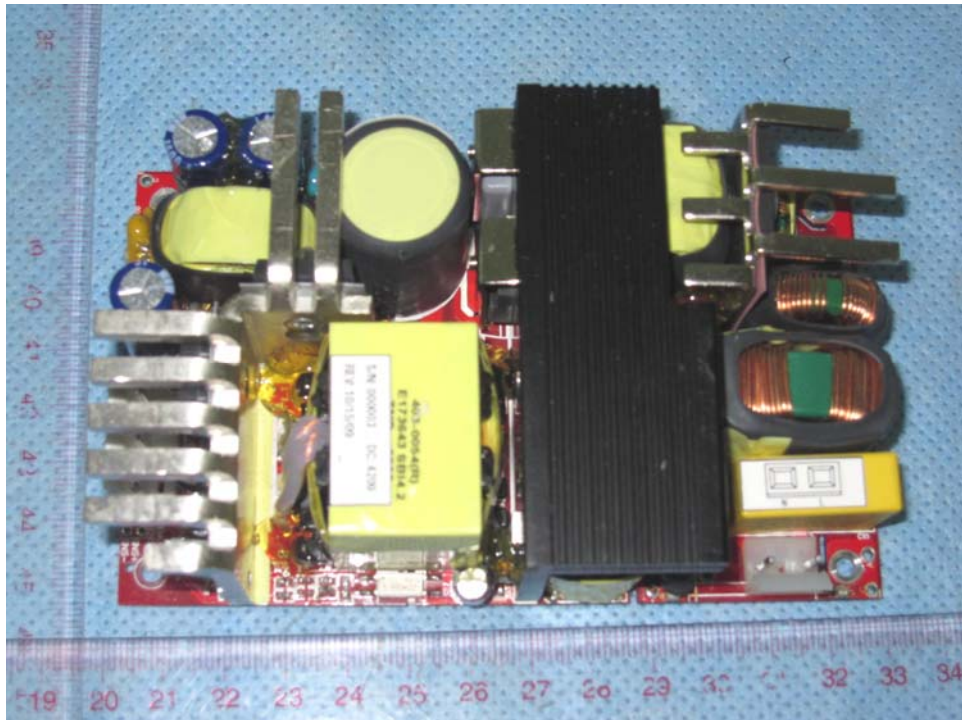


55V:



5.2. Internal photos of the EUT

12V:

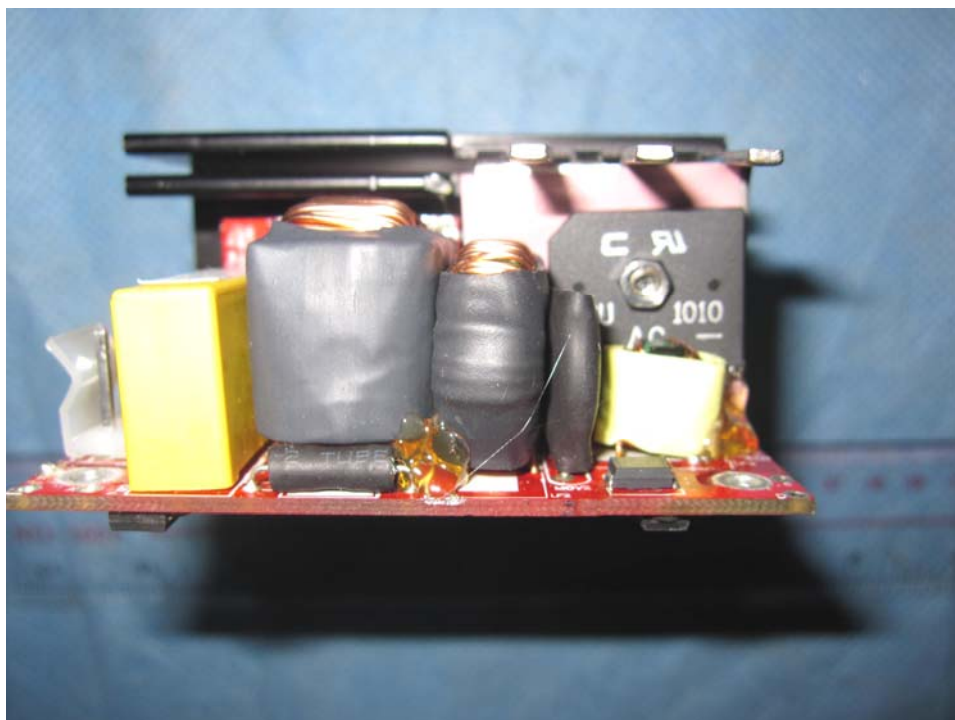
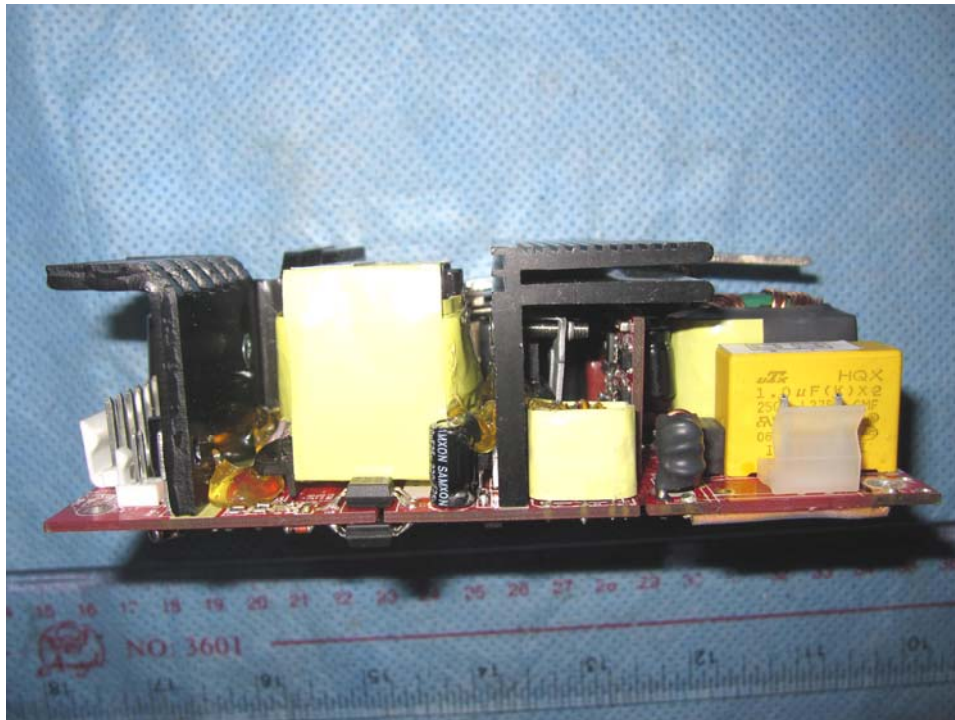






55V:







..... End Of Report.....