

# FCC PART 18

## EMI MEASUREMENT AND TEST REPORT

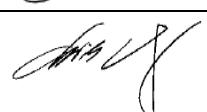
For

**JIANGXI ELEGANT LIGHTING CO., LTD.**

No.731 Xihou street,Guixi city,Jiangxi,China

**FCC ID: VGZT3T4S**

Aug 13, 2009

<b>Product Name:</b>	CFL
<b>Model No:</b>	GY T3S11WE26/ GY T3S13WE26/ GY T3S18WE26/ GY T3S23WE26/ GY T3S25WE26/ GY T3S30WE26/ GY G2011WE26/ GY T4S42WE26/ GY T4S32WGU24/ GY T4S42WGU24/ GY PL13W/ GY PL18W/GY PL26W
<b>Sample</b>	
<b>Received Date:</b>	Jun 12, 2009
<b>Test</b>	
<b>Performed Date:</b>	Jun 20-Aug 03, 2009
<b>Test Engineer:</b>	Paul Tan 
<b>Reviewed By:</b>	Chris Zeng 
<b>Prepared By:</b>	<b>BEST Test Service Shenzhen Co., Ltd.</b> C, 310-316, Huameiju Business Center, 82 Block, Baoan District, Shenzhen, China TEL: +86-755-28236006 FAX: +86-755-28236249 Email: <a href="mailto:certification@bestcert.cn">certification@bestcert.cn</a>

**Note:** This test report is specially limited to the above client company and product model only. It may not be duplicated without prior written consent of BEST Test Service Shenzhen Co., Ltd. This test report contains data that are not covered by NVLAP accreditation. This report **must not** be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

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## GENERAL INFORMATION

### Product Description for Equipment under Test (EUT)

The JIANGXI ELEGANT LIGHTING CO., LTD.'s model GY T3S11WE26/ GY T3S13WE26/ GY T3S18WE26/ GY T3S23WE26/ GY T3S25WE26/ GY T3S30WE26/ GY G2011WE26/ GY T4S42WE26/ GY T4S32WGU24/ GY T4S42WGU24/ GY PL13W/ GY PL18W/GY PL26W the "EUT" as referred to in this report is CFL, rated input voltage: AC 120V/60Hz, operation frequency between 40 KHz to 60 KHz.

Model	GY T3S11WE26	Electrical Power	11W
Model	GY T3S13WE26	Electrical Power	13W
Model	GY T3S18WE26	Electrical Power	18W
Model	GY T3S23WE26	Electrical Power	23W
Model	GY T3S25WE26	Electrical Power	25W
Model	GY T3S30WE26	Electrical Power	30W
Model	GY T4S42WE26	Electrical Power	42W
Model	GY T4S32WGU24	Electrical Power	32W
Model	GY T4S42WGU24	Electrical Power	42W
Model	GY PL13W	Electrical Power	13W
Model	GY PL18W	Electrical Power	18W
Model	GY PL26W	Electrical Power	26

*The test data was only good for the test sample. It may have deviation for other test sample.*

### Objective

The following test report is prepared on behalf of JIANGXI ELEGANT LIGHTING CO., LTD.. in accordance with Part 2, Subpart J, and Part 18, Subparts A, B, and C of the Federal Communication Commissions rules and regulations.

The objective of the manufacturer is to demonstrate compliance with FCC Part 18 limit requirements for Industrial, Scientific, and Medical Equipment.

### Related Submittal(s)/Grant(s)

No Related Submittals.

### Test Methodology

All measurements contained in this report were conducted with MP-5 1986, FCC Method of measurements of radio noise emission from Industrial, Scientific and Medical equipments.

### Test Facility

All measurement facilities used to collect the data are located at Huatongwei Building , Keji Rd, 12 S, high-Tech Park, Nanshan District, Shenzhen, China.

The sites are constructed in conformance with the requirements of ANSI C63.7/634 and CISPR 22, The site was accredited by FCC (662850), A2LA( 2243.01) and CNAL (L1225)

## SYSTEM TEST CONFIGURATION

### Justification

The EUT was tested under normal mode as used by a common (typical) user.

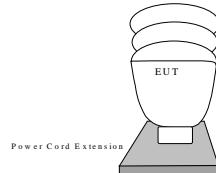
### Schematics / Block Diagram

N/A.

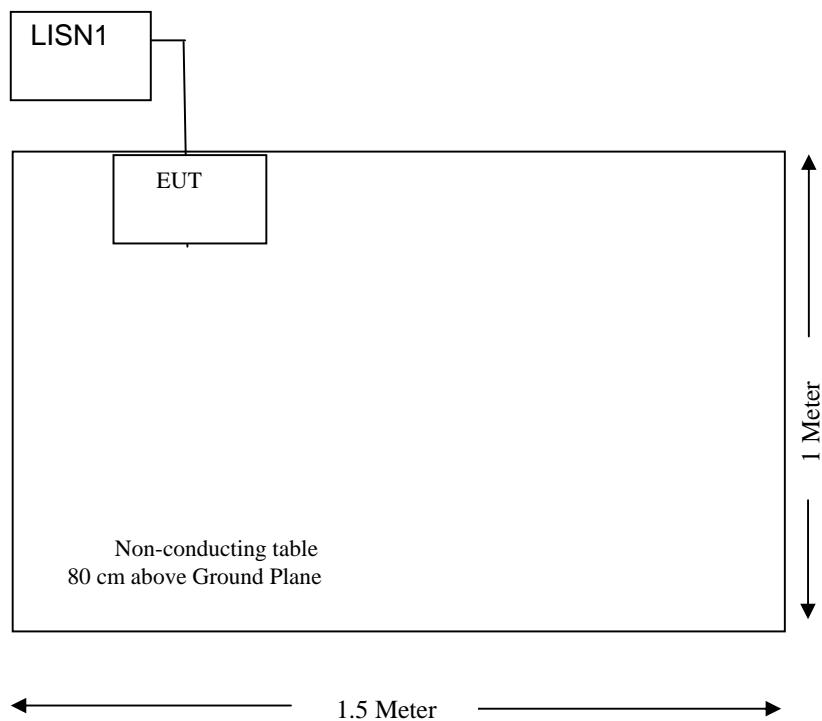
### Equipment Modifications

No modifications were made by BEST TEST SERVICE (SHENZHEN) CO., LTD. to ensure the EUT to comply with the application limits and requirements.

### Configuration of Test System



### Test Setup Block Diagram



## CONDUCTED EMISSIONS TEST DATA

### Applicable Standard

For the following equipment, when designed to be connected to the public utility (AC) power line the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies shall not exceed the limits in the following tables. Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal using a 50  $\mu$ H/50 ohms line impedance stabilization network (LISN).

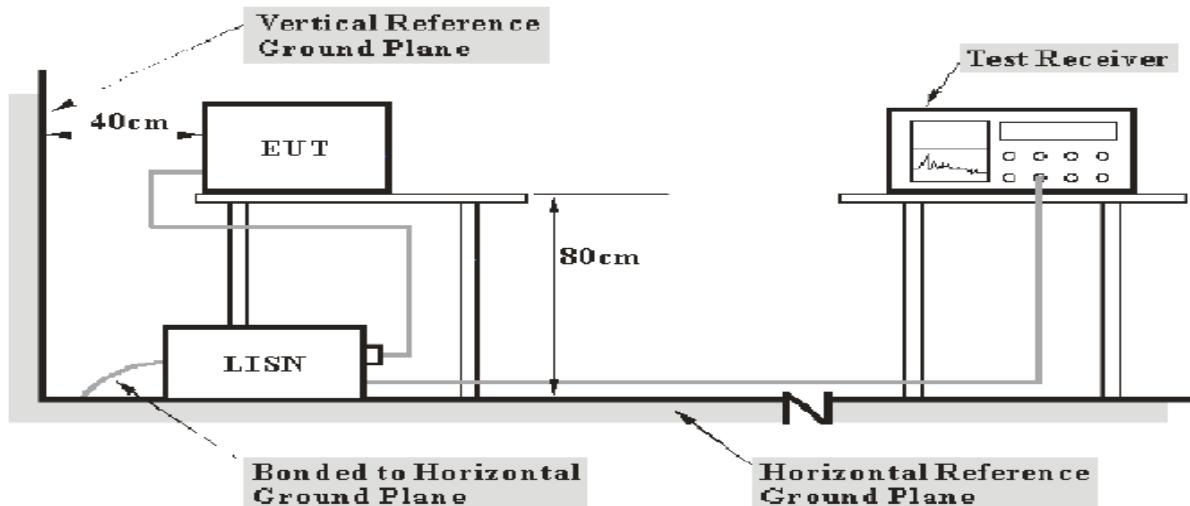
Frequency Range (MHz)	Max RF Voltage (uV)	Max RF Voltage (dBuV)
Non-consumer equipment		
0.45 to 1.6	1,000	60.0
1.6 to 30	3,000	69.0
Consumer equipment		
0.45 to 2.51	250	48.0
2.51 to 3.0	3000	69.0
3.0 to 30	250	48.0

### Measurement Uncertainty

All measurements involve certain levels of uncertainties, especially in field of EMI. The factors contributing to uncertainties are EMI Test Receiver, cable loss, and LISN.

Based on NIS 81, The Treatment of Uncertainty in EMI Measurements, the best estimate of the uncertainty of any conducted emissions measurement at BEST TEST SERVICE (SHENZHEN) CO., LTD. is  $\pm 2.0$  dB.

### EUT Setup



**Note:** 1. Support units were connected to second LISN.  
2. Both of LISNs (AMIN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with MP-5 measurement procedure. The specification used was the FCC Part 18 limits.

The EUT was connected to the power cord extension and placed on the left of the back edge on the test table.

The power cord extension was connected with 120 VAC/60 Hz power source.

## Test Equipments

Manufacturer	Description	Model	Serial Number	Cal. Date	Cal. Due. Date
ROHDE & SCHWARZ	EMI TEST RECEIVER	ESCS30	100038	2008-08-05	2009-08-05
ROHDE & SCHWARZ	L.I.S.N	ESH2-Z5	100028	2008-08-05	2009-08-05
ROHDE & SCHWARZ	Pulse Limiter	ESHSZ2	100044	2008-08-05	2009-08-05

Statement of traceability: BEST attests that all calibrations have been performed per the CNAL /A2LA requirements, traceable to NIM China

## Test Procedure

During the conducted emission test, the power cord of the power cord extension was connected to the auxiliary outlet of the first LISN.

Maximizing procedure was performed on the six (6) highest emissions to ensure that the EUT is compliant with all installation combination.

All data was recorded in the peak detection mode. Quasi-peak readings were only performed when an emission was found to be marginal (within 4 dB $\mu$ V of specification limits). Quasi-peak readings are distinguished with a "Qp".

The EUT was tested under the normal modes during the final qualification test to represent the worst-case results.

## Summary of Test Results

### Pass

The EUT complied with the FCC 18 Conducted margin for industry, scientific and medical device, and with the worst margin reading of:

## Conducted Emissions Test Data and Plots

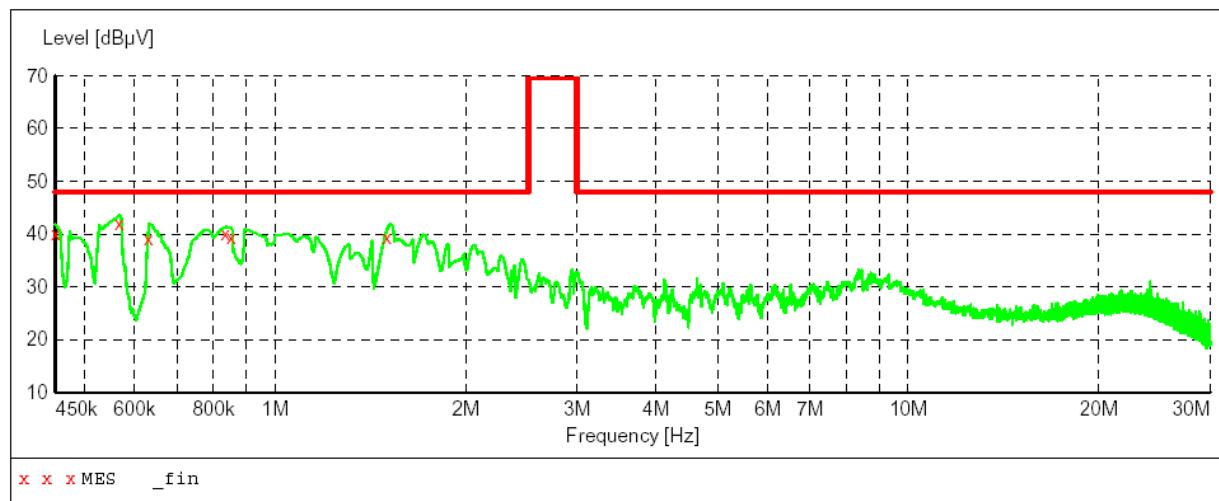
*BEST TEST SERVICE SHENZHEN CO., LTD*

### *Voltage Mains Test FCC PART 18*

EUT: CFL M/N:GY T4S32WGU24  
 Manufacturer: Elegant  
 Operating Condition: ON  
 Test Site: 3# SHIELDED ROOM  
 Operator: BYRON  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 06/20/2009

### *SCAN TABLE: "FCC 18 LIGHT FIN"*

Short Description: 150K-30M Voltage



### *MEASUREMENT RESULT:*

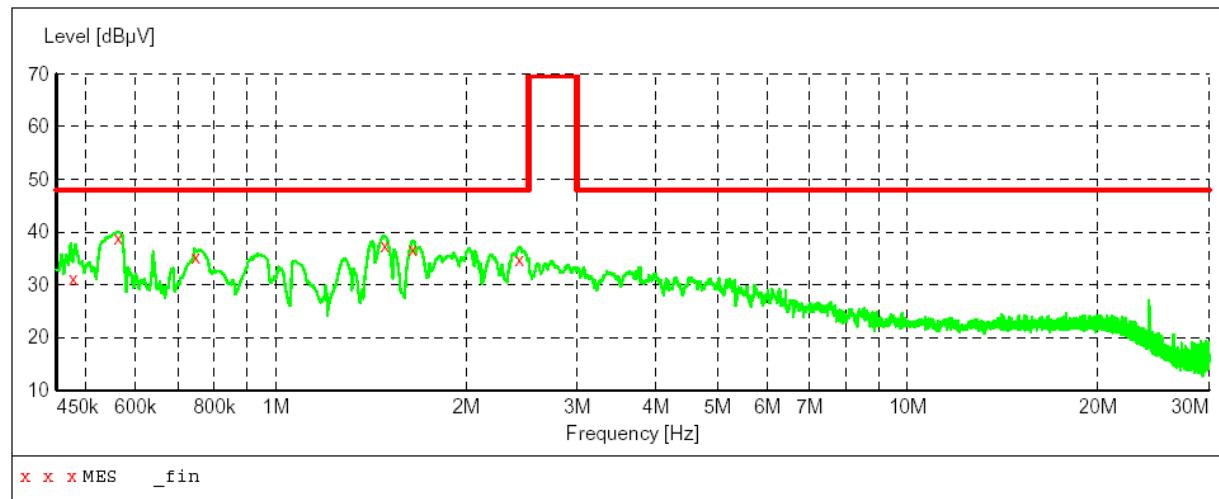
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.450000	40.10	10.5	48	7.8	QP	L1	GND
0.568000	42.10	10.4	48	5.8	QP	L1	GND
0.632000	39.00	10.4	48	8.9	QP	L1	GND
0.836000	40.00	10.4	48	7.9	QP	L1	GND
0.852000	39.40	10.4	48	8.5	QP	L1	GND
1.504000	39.40	10.6	48	8.5	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GY T4S32GU24  
 Manufacturer: Elegant  
 Operating Condition: ON  
 Test Site: 3# SHIELDED ROOM  
 Operator: BYRON  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 06/20/2009

**SCAN TABLE: "FCC 18 LIGHT FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

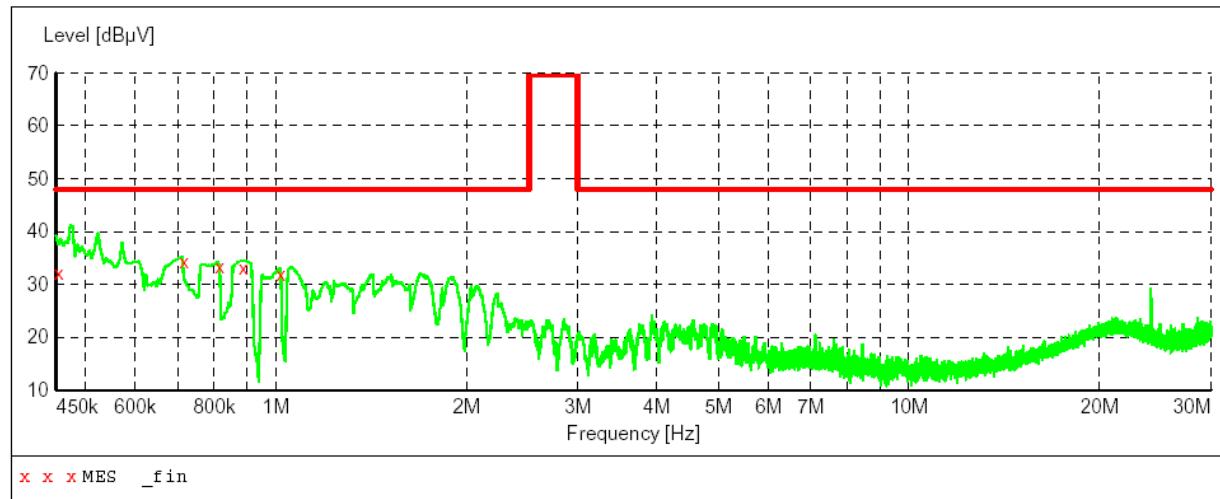
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.478000	31.10	10.4	48	16.8	QP	N	GND
0.564000	38.90	10.4	48	9.0	QP	N	GND
0.748000	35.30	10.4	48	12.6	QP	N	GND
1.488000	37.40	10.6	48	10.5	QP	N	GND
1.648000	36.80	10.6	48	11.1	QP	N	GND
2.432000	34.80	10.6	48	13.1	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GY T4S42GU24  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 06/20/2009

**SCAN TABLE: "FCC 18 LIGHT FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

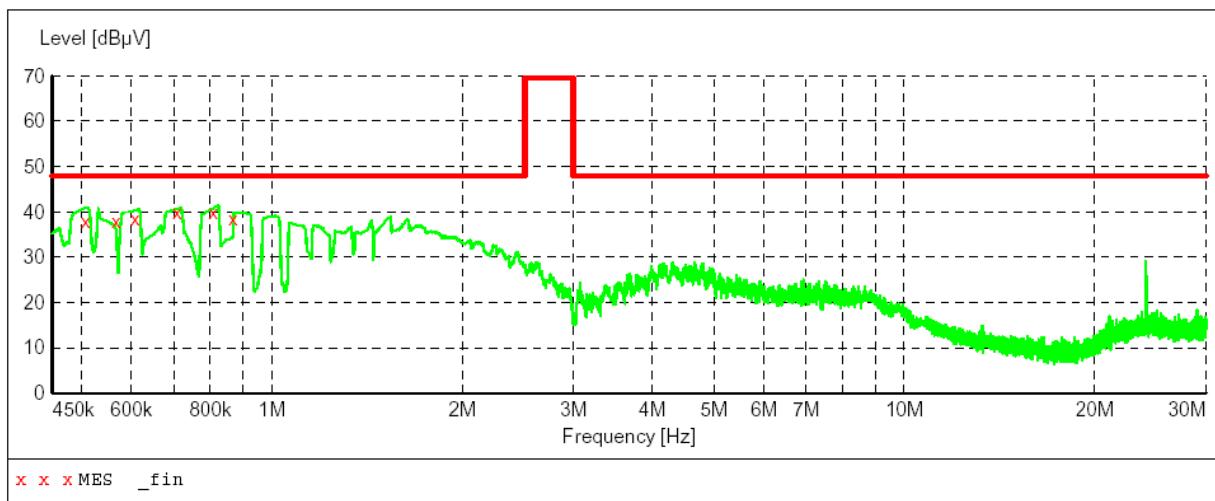
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.454000	32.20	10.5	48	15.7	QP	N	GND
0.716000	34.40	10.4	48	13.5	QP	N	GND
0.816000	33.30	10.4	48	14.6	QP	N	GND
0.888000	33.10	10.4	48	14.8	QP	N	GND
1.020000	31.80	10.5	48	16.1	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT4S42GU24  
 Manufacturer: ELEGANT  
 Operating Condition: ON  
 Test Site: 3# SHIELDED ROOM  
 Operator: BYRON  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 06/20/2009

**SCAN TABLE: "FCC 18 LIGHT FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

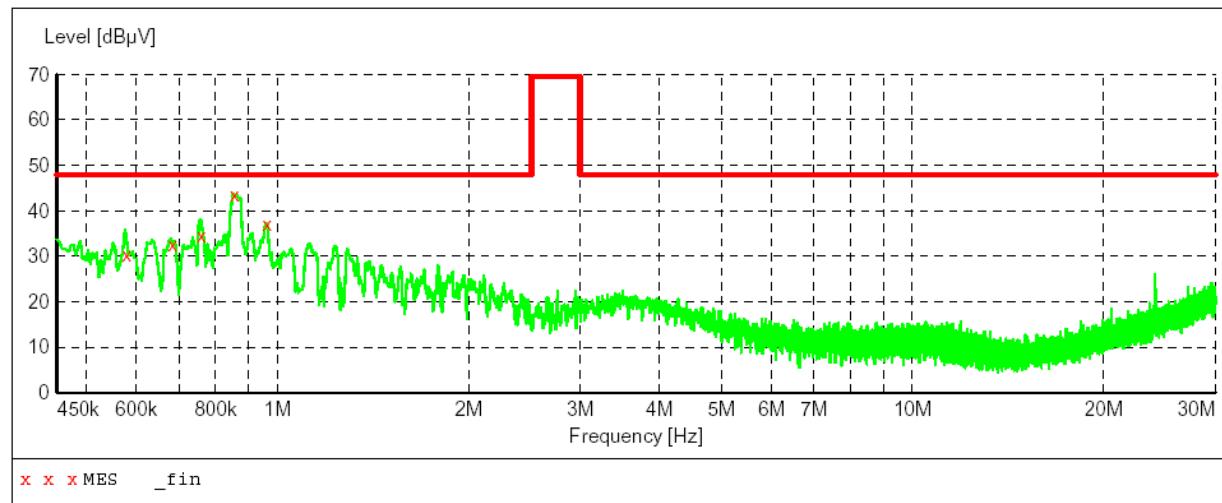
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.508000	37.80	10.4	48	10.1	QP	L1	GND
0.568000	38.00	10.4	48	9.9	QP	L1	GND
0.608000	38.50	10.4	48	9.4	QP	L1	GND
0.708000	39.80	10.4	48	8.1	QP	L1	GND
0.808000	40.00	10.4	48	7.9	QP	L1	GND
0.868000	38.40	10.4	48	9.5	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT3S30WE26  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 06/20/2009

**SCAN TABLE: "FCC 18 LIGHT FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

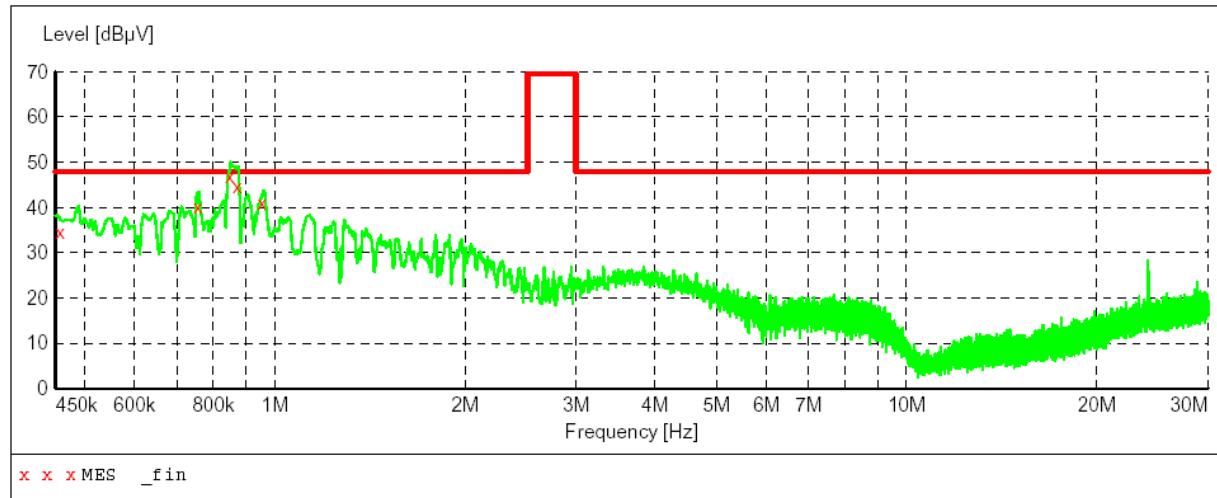
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.580000	30.20	10.4	48	17.7	QP	N	GND
0.684000	32.60	10.4	48	15.3	QP	N	GND
0.760000	34.50	10.4	48	13.4	QP	N	GND
0.856000	43.40	10.4	48	4.5	QP	N	GND
0.964000	37.10	10.5	48	10.8	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT3S30WE26  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 06/20/2009

**SCAN TABLE: "FCC 18 LIGHT FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

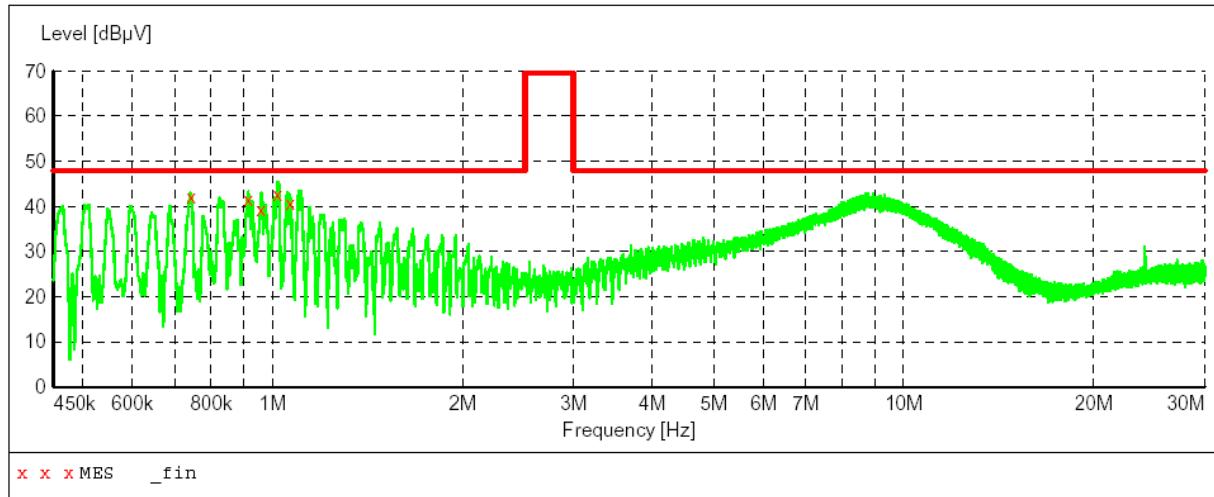
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.458000	34.50	10.5	48	13.4	QP	L1	GND
0.756000	40.20	10.4	48	7.7	QP	L1	GND
0.848000	47.00	10.4	48	0.9	QP	L1	GND
0.872000	44.70	10.4	48	3.2	QP	L1	GND
0.956000	40.90	10.5	48	7.0	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT3S25WE26  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 06/20/2009

**SCAN TABLE: "FCC 18 LIGHT FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

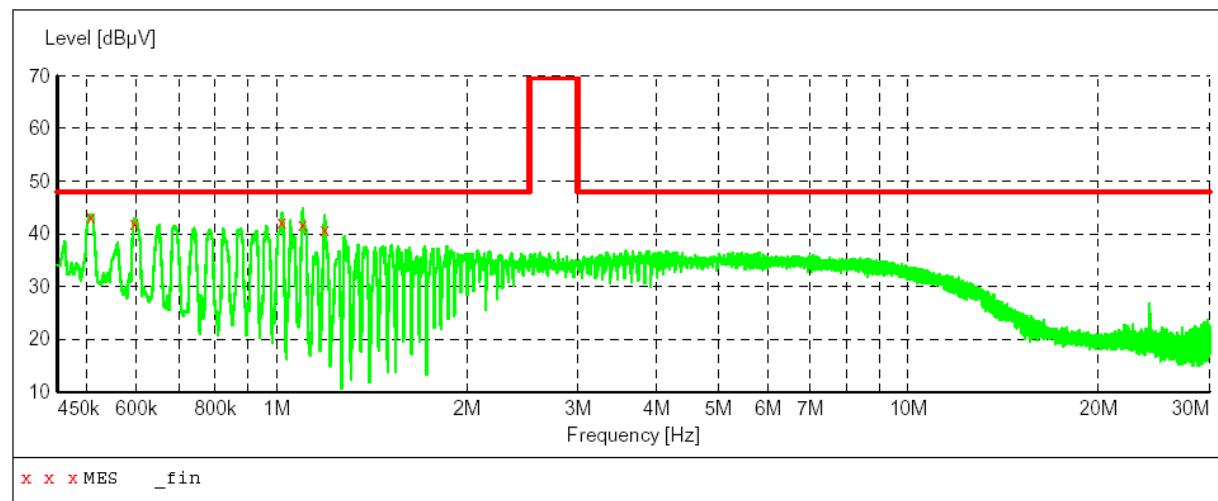
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.744000	42.00	10.4	48	5.9	QP	L1	GND
0.916000	41.50	10.4	48	6.4	QP	L1	GND
0.960000	39.30	10.5	48	8.6	QP	L1	GND
1.020000	42.80	10.5	48	5.1	QP	L1	GND
1.068000	40.80	10.5	48	7.1	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT3S25WE26  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 06/20/2009

**SCAN TABLE: "FCC 18 LIGHT FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

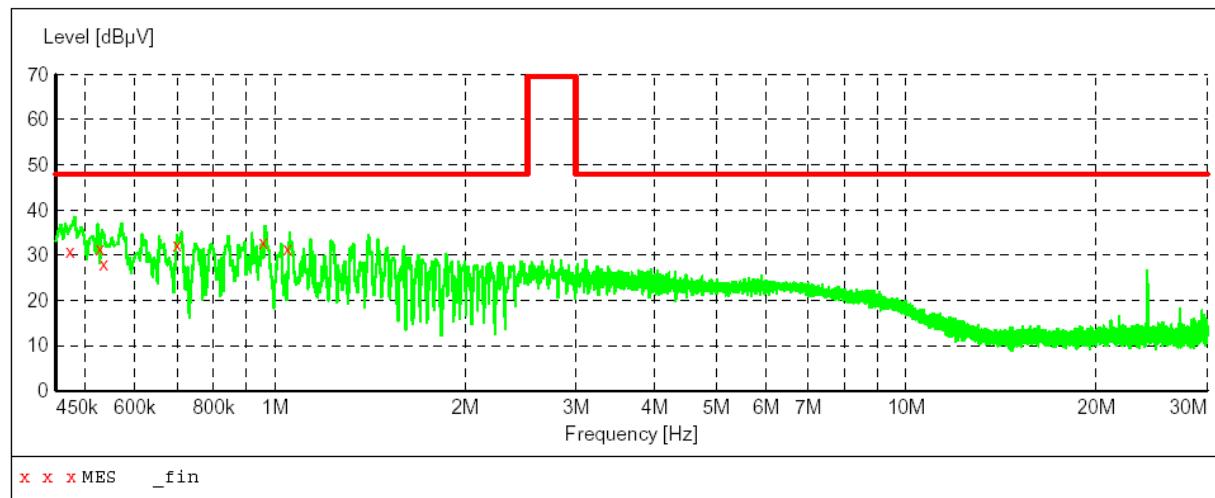
Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.508000	43.10	10.4	48	4.8	QP	N	GND
0.596000	42.10	10.4	48	5.8	QP	N	GND
1.020000	42.30	10.5	48	5.6	QP	N	GND
1.100000	41.80	10.5	48	6.1	QP	N	GND
1.192000	40.90	10.5	48	7.0	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT3S18W  
 Manufacturer: Elegant  
 Operating Condition: ON  
 Test Site: 3# SHIELDED ROOM  
 Operator: BYRON  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 06/20/2009

**SCAN TABLE: "FCC 18 LIGHT FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

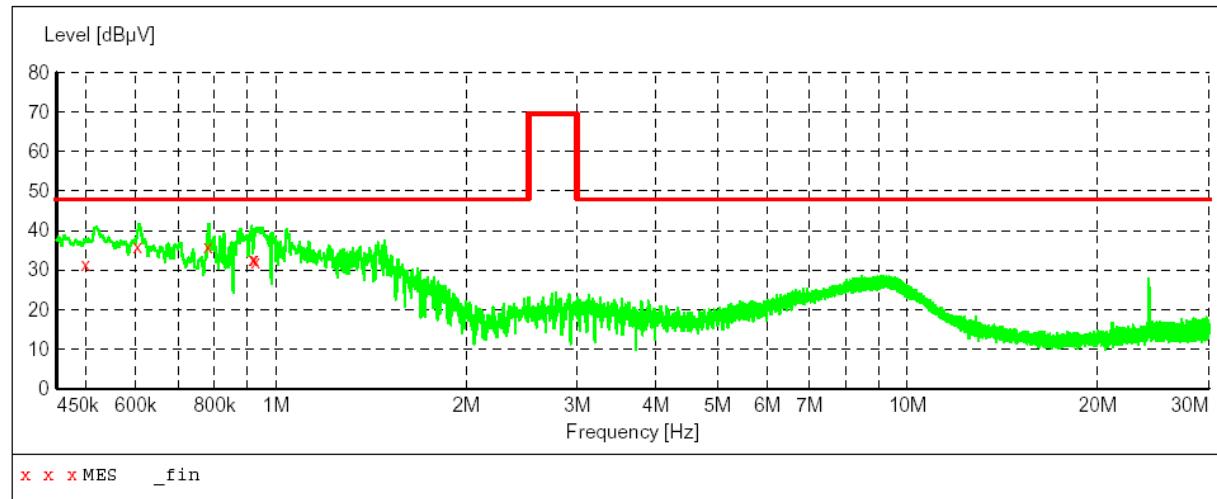
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.474000	30.90	10.4	48	17.0	QP	N	GND
0.528000	31.30	10.4	48	16.6	QP	N	GND
0.536000	28.00	10.4	48	19.9	QP	N	GND
0.700000	32.20	10.4	48	15.7	QP	N	GND
0.960000	32.80	10.5	48	15.1	QP	N	GND
1.048000	31.50	10.5	48	16.4	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT3S18W  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 06/20/2009

**SCAN TABLE: "FCC 18 LIGHT FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

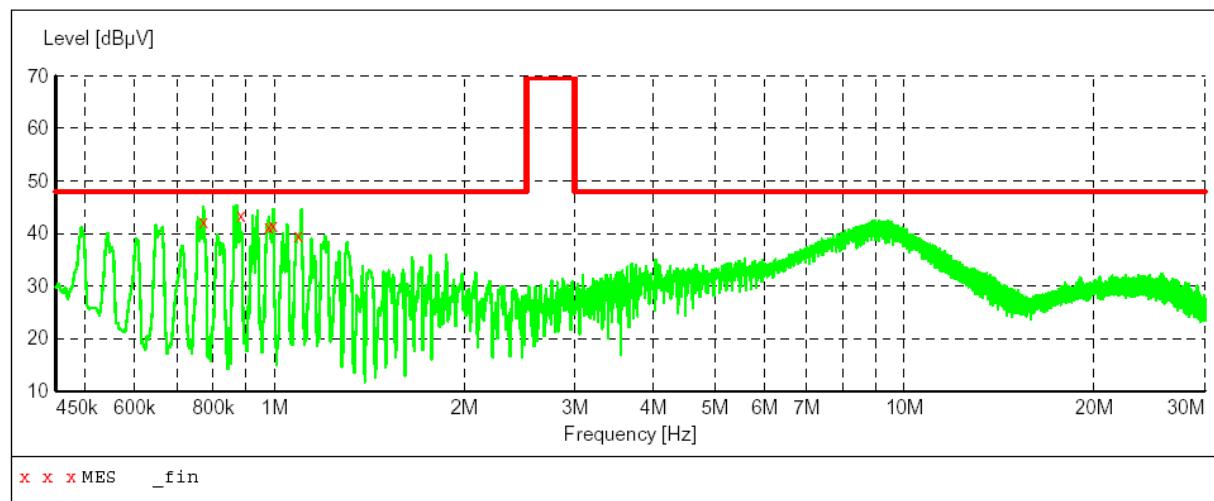
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.500000	31.40	10.4	48	16.5	QP	L1	GND
0.604000	35.90	10.4	48	12.0	QP	L1	GND
0.780000	36.00	10.4	48	11.9	QP	L1	GND
0.920000	32.60	10.5	48	15.3	QP	L1	GND
0.924000	32.60	10.5	48	15.3	QP	L1	GND
0.928000	32.10	10.5	48	15.8	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT3S23W  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 06/20/2009

**SCAN TABLE: "FCC 18 LIGHT FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

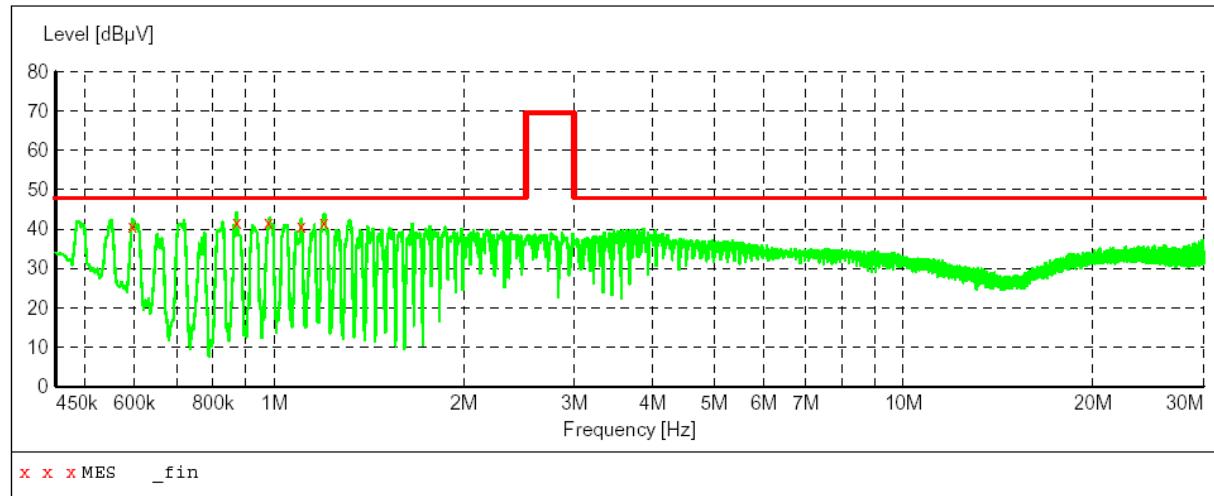
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.772000	42.20	10.4	48	5.7	QP	L1	GND
0.884000	43.40	10.4	48	4.5	QP	L1	GND
0.980000	41.30	10.5	48	6.6	QP	L1	GND
0.996000	41.50	10.5	48	6.4	QP	L1	GND
1.092000	39.50	10.5	48	8.4	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT3S23W  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 06/20/2009

**SCAN TABLE: "FCC 18 LIGHT FIN"**

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.596000	40.60	10.4	48	7.3	QP	N	GND
0.872000	41.70	10.4	48	6.2	QP	N	GND
0.980000	41.70	10.5	48	6.2	QP	N	GND
1.104000	40.80	10.5	48	7.1	QP	N	GND
1.200000	41.80	10.5	48	6.1	QP	N	GND

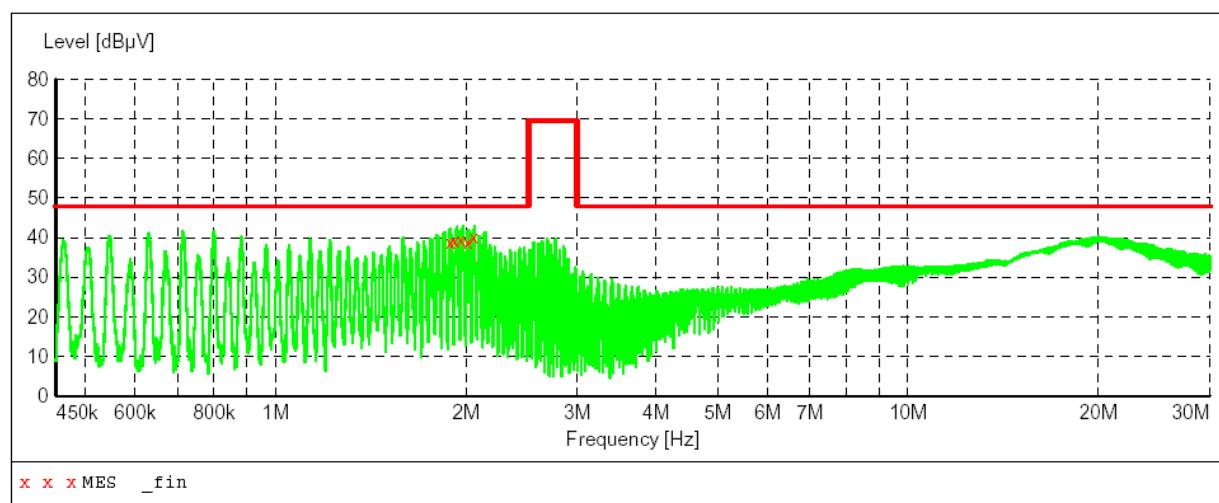
**BEST Test Service Shenzhen Co., Ltd**

**Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT3S13WE26  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 06/21/2009

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

Short Description: 150K-30M Voltage



**MEASUREMENT RESULT:**

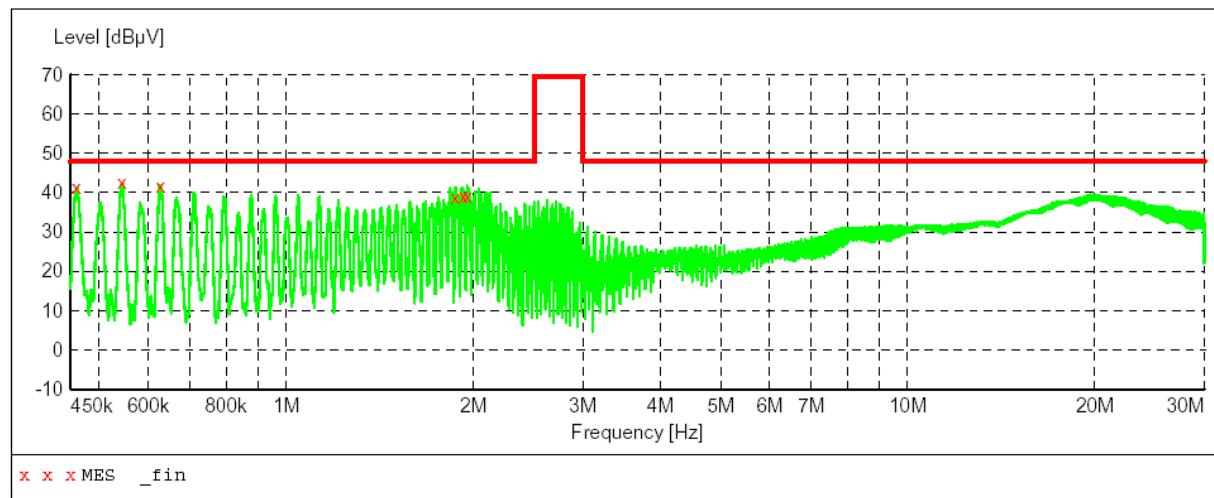
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
1.888000	39.00	10.2	48	8.9	QP	L1	GND
1.920000	39.20	10.2	48	8.7	QP	L1	GND
1.962000	39.50	10.2	48	8.4	QP	L1	GND
2.014000	39.00	10.2	48	8.9	QP	L1	GND
2.056000	40.00	10.2	48	7.9	QP	L1	GND

**BEST Test Service Shenzhen Co., Ltd****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT3S13WE26  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 06/21/2009

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

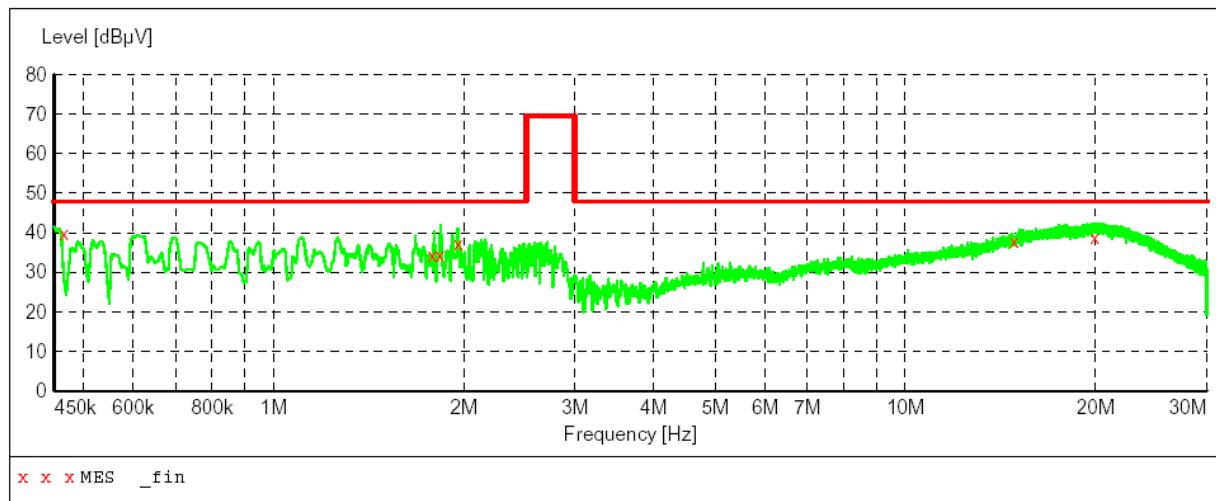
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.460000	41.30	10.1	48	6.6	QP	N	GND
0.544000	42.60	10.1	48	5.3	QP	N	GND
0.628000	41.70	10.1	48	6.2	QP	N	GND
1.872000	38.70	10.2	48	9.2	QP	N	GND
1.928000	39.20	10.2	48	8.7	QP	N	GND
1.956000	39.20	10.2	48	8.7	QP	N	GND

**BEST Test Service Shenzhen Co., Ltd****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT3S11WE26  
 Manufacturer: Elegant  
 Operating Condition: ON  
 Test Site: SHIELDED ROOM  
 Operator: Paul  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 06/21/2009

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.466000	39.90	10.1	48	8.0	QP	L1	GND
1.782000	34.30	10.2	48	13.6	QP	L1	GND
1.832000	34.40	10.2	48	13.5	QP	L1	GND
1.958000	37.20	10.2	48	10.7	QP	L1	GND
14.876000	37.90	10.6	48	10.0	QP	L1	GND
19.952000	38.80	11.1	48	9.1	QP	L1	GND

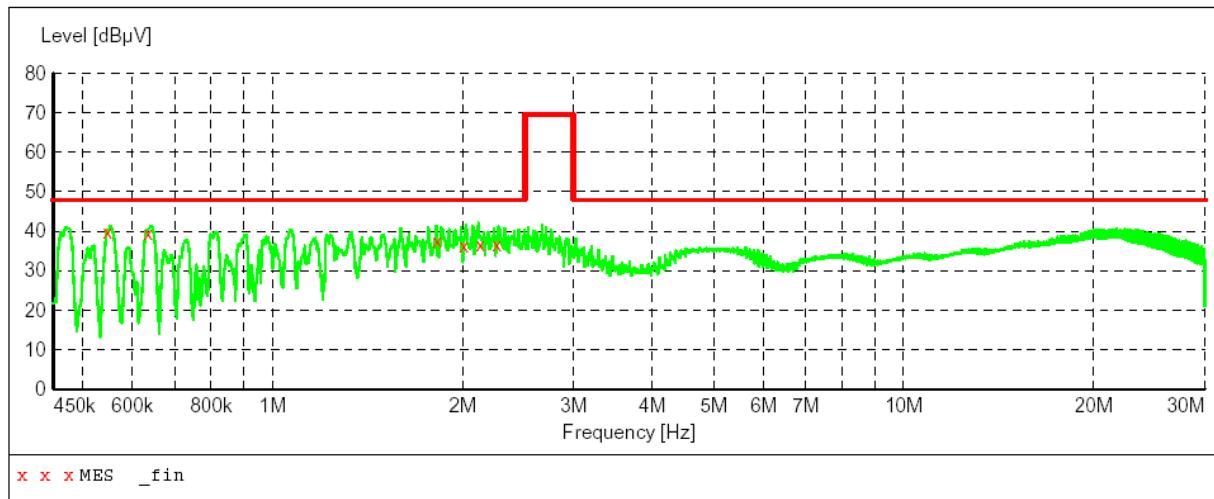
**BEST Test Service Shenzhen Co., Ltd**

**Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT3S11WE26  
 Manufacturer: Elegant  
 Operating Condition: ON  
 Test Site: SHIELDED ROOM  
 Operator: Paul  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 06/21/2009

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

Short Description: 150K-30M Voltage



**MEASUREMENT RESULT:**

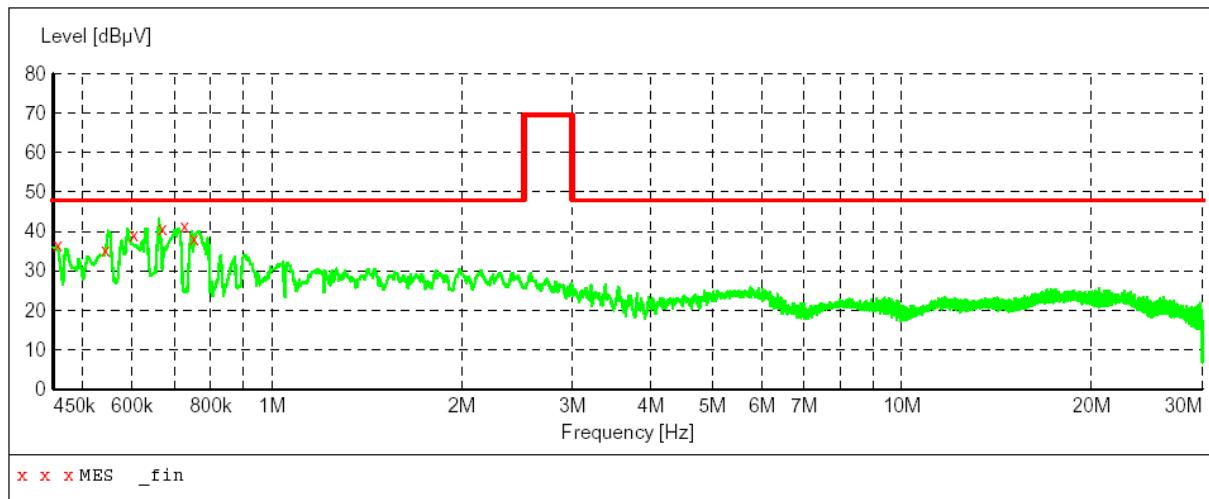
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.548000	39.80	10.1	48	8.1	QP	N	GND
0.636000	39.40	10.1	48	8.5	QP	N	GND
1.826000	37.70	10.2	48	10.2	QP	N	GND
2.012000	36.20	10.2	48	11.7	QP	N	GND
2.136000	36.50	10.2	48	11.4	QP	N	GND
2.266000	36.70	10.2	48	11.2	QP	N	GND

**BEST Test Service Shenzhen Co., Ltd****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYG2011WE26  
 Manufacturer: Elegant  
 Operating Condition: ON  
 Test Site: SHIELDED ROOM  
 Operator: Paul  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 06/21/2009

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

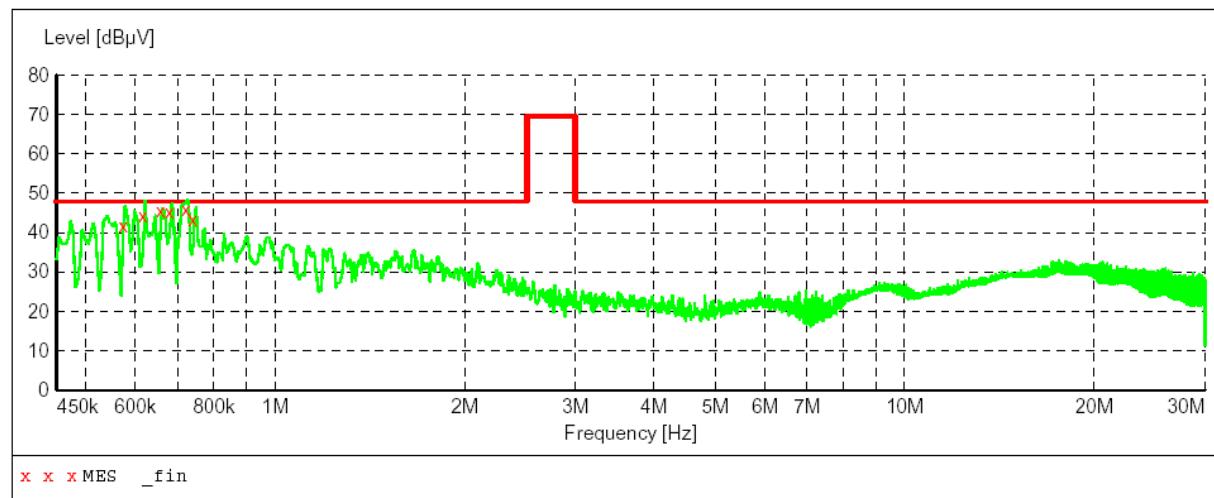
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.458000	36.40	10.1	48	11.5	QP	N	GND
0.544000	35.20	10.1	48	12.7	QP	N	GND
0.604000	39.30	10.1	48	8.6	QP	N	GND
0.670000	40.60	10.1	48	7.3	QP	N	GND
0.726000	41.50	10.1	48	6.4	QP	N	GND
0.752000	38.30	10.1	48	9.6	QP	N	GND

**BEST Test Service Shenzhen Co., Ltd****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYG2011WE26  
 Manufacturer: Elegant  
 Operating Condition: ON  
 Test Site: SHIELDED ROOM  
 Operator: Paul  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 06/21/2009

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

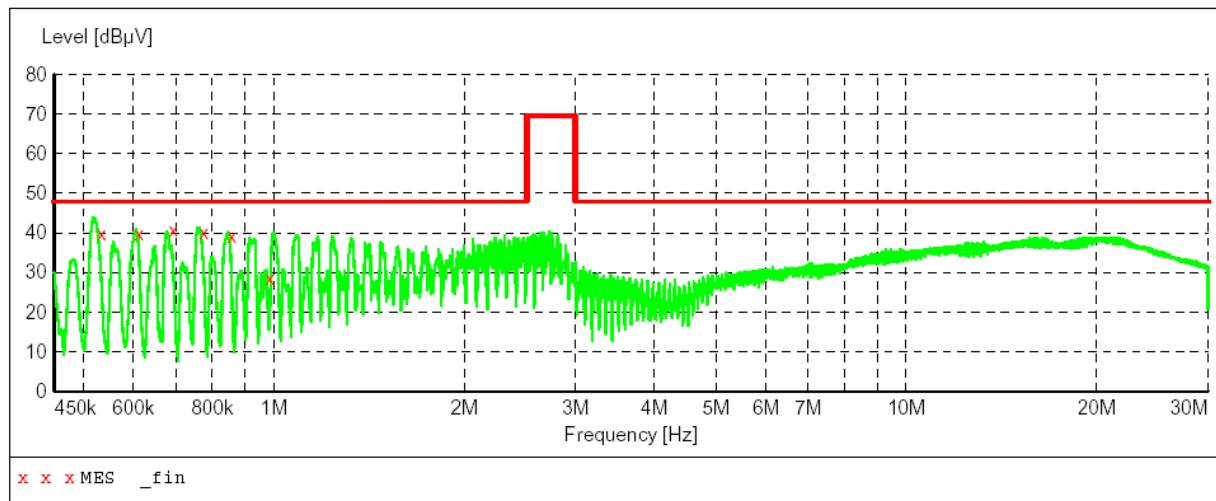
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.574000	41.80	10.1	48	6.1	QP	L1	GND
0.616000	44.10	10.1	48	3.8	QP	L1	GND
0.658000	45.70	10.1	48	2.2	QP	L1	GND
0.680000	45.30	10.1	48	2.6	QP	L1	GND
0.722000	45.90	10.1	48	2.0	QP	L1	GND
0.740000	43.40	10.1	48	4.5	QP	L1	GND

**BEST Test Service Shenzhen Co., Ltd****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT4S42WE26  
 Manufacturer: Elegant  
 Operating Condition: ON  
 Test Site: SHIELDED ROOM  
 Operator: Paul  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 06/21/2009

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.534000	39.70	10.1	48	8.2	QP	L1	GND
0.612000	39.70	10.1	48	8.2	QP	L1	GND
0.694000	40.70	10.1	48	7.2	QP	L1	GND
0.776000	40.10	10.1	48	7.8	QP	L1	GND
0.858000	39.10	10.1	48	8.8	QP	L1	GND
0.986000	28.60	10.2	48	19.3	QP	L1	GND

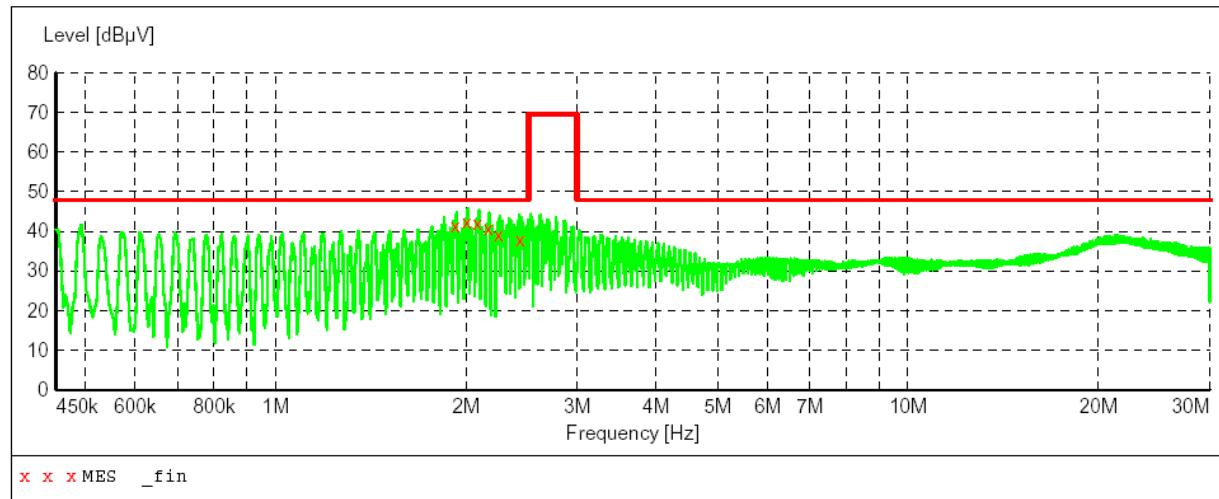
**BEST Test Service Shenzhen Co., Ltd**

**Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GYT4S42WE26  
 Manufacturer: Elegant  
 Operating Condition: ON  
 Test Site: SHIELDED ROOM  
 Operator: Paul  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 06/21/2009

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

Short Description: 150K-30M Voltage



**MEASUREMENT RESULT:**

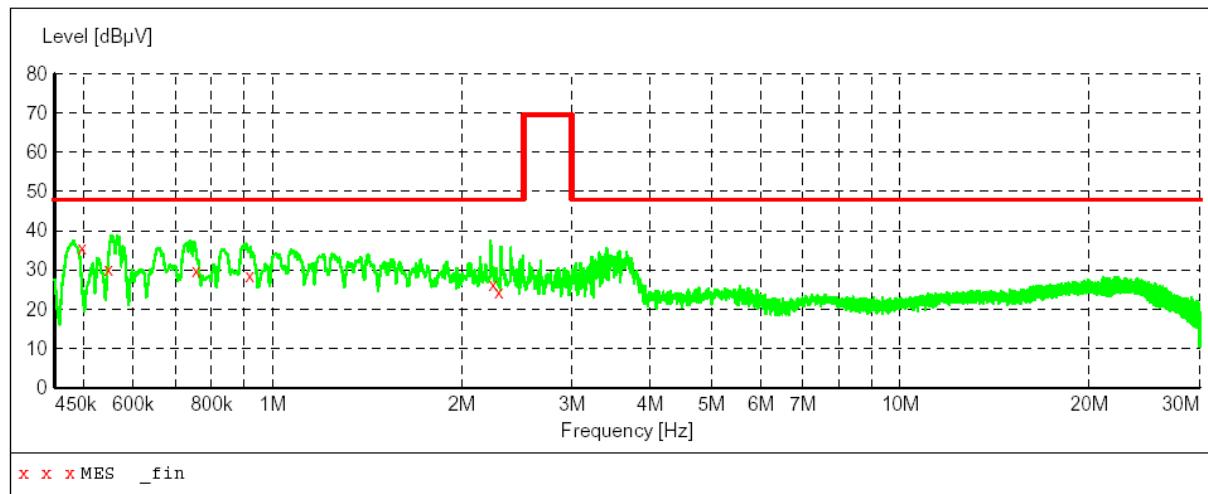
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
1.924000	41.40	10.2	48	6.5	QP	N	GND
2.006000	42.30	10.2	48	5.6	QP	N	GND
2.088000	42.10	10.2	48	5.8	QP	N	GND
2.170000	40.90	10.2	48	7.0	QP	N	GND
2.252000	39.00	10.2	48	8.9	QP	N	GND
2.438000	37.90	10.2	48	10.0	QP	N	GND

**BEST Test Service Shenzhen Co., Ltd****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GY PL18W  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 08/02/2009

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.498000	35.50	10.1	48	12.4	QP	N	GND
0.548000	30.20	10.1	48	17.7	QP	N	GND
0.756000	29.70	10.1	48	18.2	QP	N	GND
0.920000	28.60	10.1	48	19.3	QP	N	GND
2.248000	26.20	10.2	48	21.7	QP	N	GND
2.296000	24.30	10.2	48	23.6	QP	N	GND

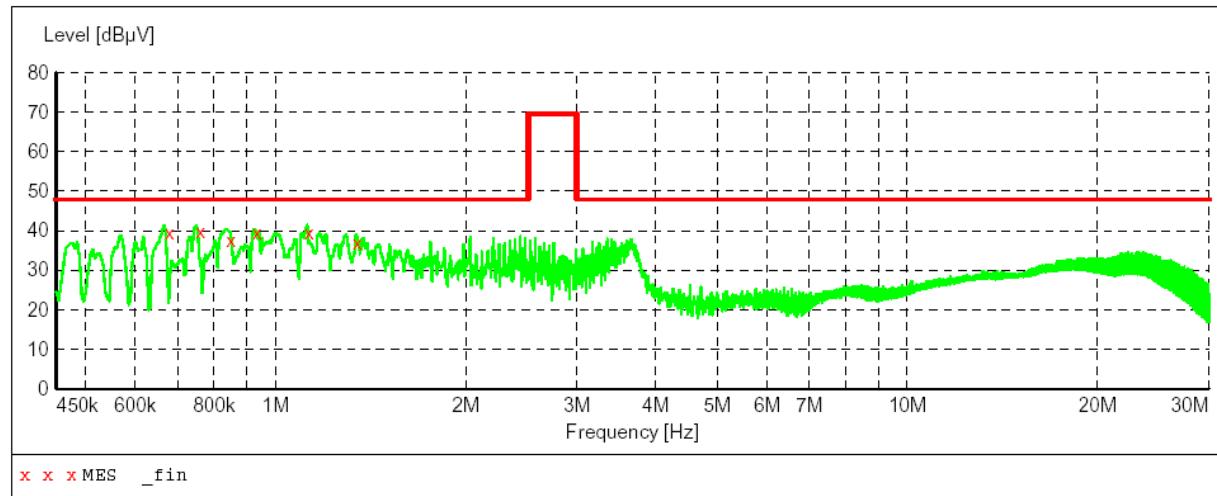
**BEST Test Service Shenzhen Co., Ltd**

**Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GY PL18W  
 Manufacturer: Elegant  
 Operating Condition: ON  
 Test Site: SHIELDED ROOM  
 Operator: Paul  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 08/02/2009

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

Short Description: 150K-30M Voltage



**MEASUREMENT RESULT:**

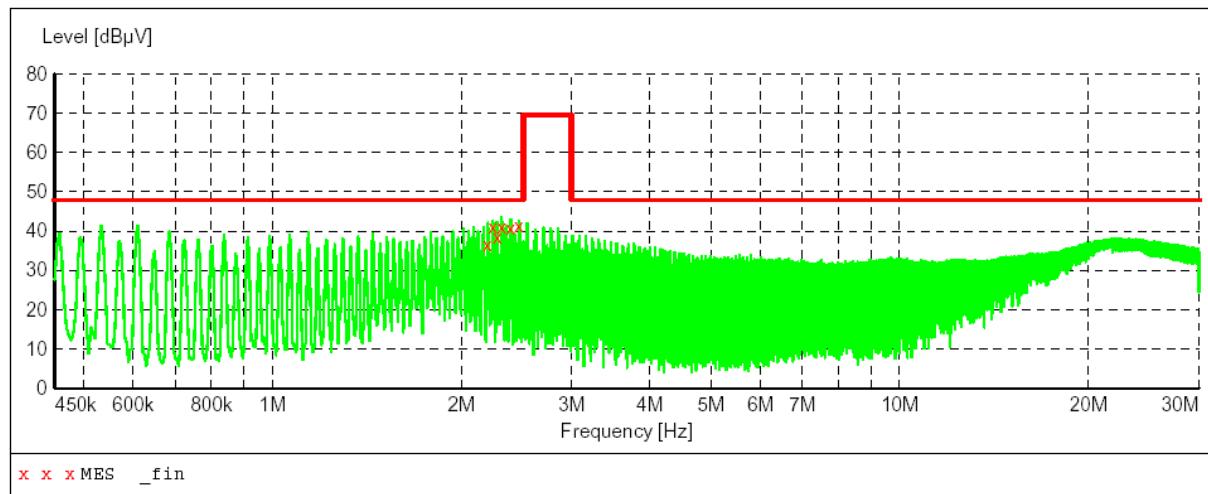
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.680000	39.50	10.1	48	8.4	QP	L1	GND
0.762000	39.70	10.1	48	8.2	QP	L1	GND
0.850000	37.70	10.1	48	10.2	QP	L1	GND
0.936000	39.40	10.1	48	8.5	QP	L1	GND
1.132000	39.40	10.2	48	8.5	QP	L1	GND
1.348000	37.00	10.2	48	10.9	QP	L1	GND

**BEST Test Service Shenzhen Co., Ltd****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GY PL26W  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 08/02/2009

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

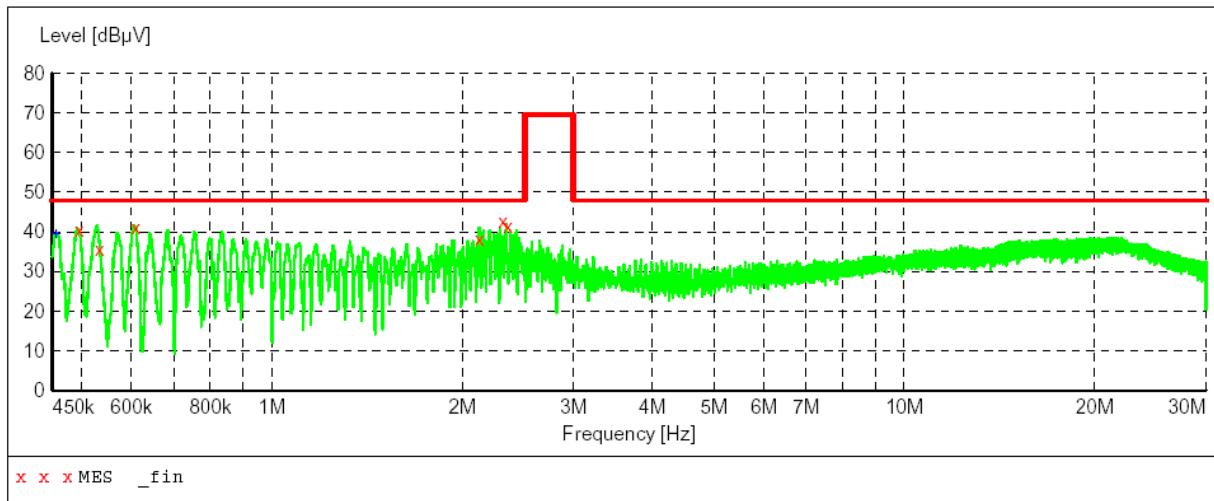
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
2.202000	36.70	10.2	48	11.2	QP	N	GND
2.244000	41.20	10.2	48	6.7	QP	N	GND
2.282000	38.60	10.2	48	9.3	QP	N	GND
2.322000	41.00	10.2	48	6.9	QP	N	GND
2.398000	40.90	10.2	48	7.0	QP	N	GND
2.472000	41.40	10.2	48	6.5	QP	N	GND

**BEST Test Service Shenzhen Co., Ltd****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GY PL26W  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 08/02/2009

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

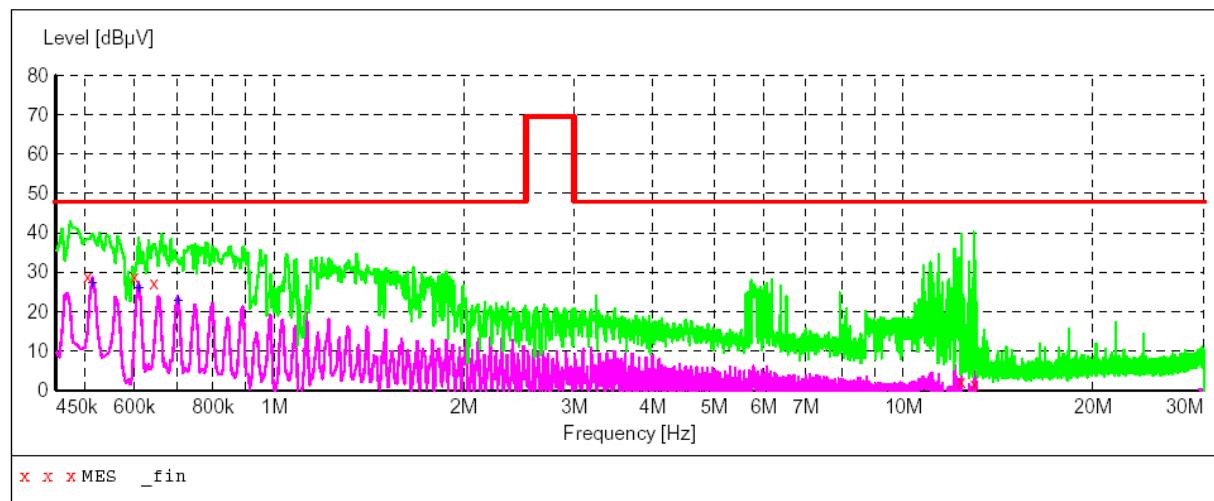
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.496000	40.40	10.1	48	7.5	QP	L1	GND
0.534000	35.50	10.1	48	12.4	QP	L1	GND
0.610000	41.00	10.1	48	6.9	QP	L1	GND
2.132000	38.30	10.2	48	9.6	QP	L1	GND
2.320000	42.80	10.2	48	5.1	QP	L1	GND
2.364000	41.30	10.2	48	6.6	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC Part 18**

EUT: CFL M/N:GY PL13W  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 08/02/2009

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

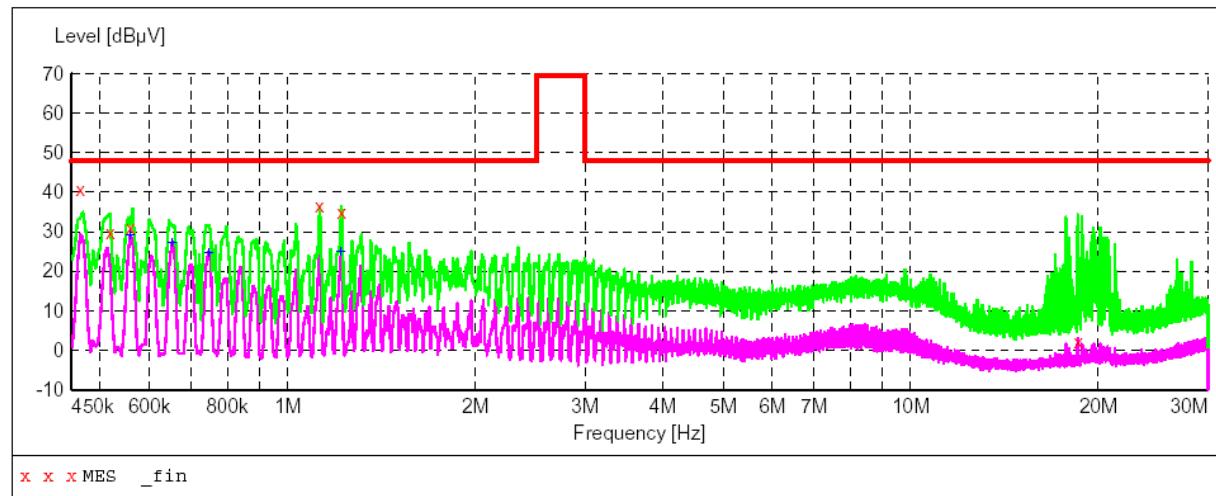
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.505500	28.80	10.6	48	19.1	QP	N	GND
0.600000	28.90	10.6	48	19.0	QP	N	GND
0.645000	27.30	10.6	48	20.6	QP	N	GND
12.327000	2.40	11.0	48	45.5	QP	N	GND
12.943500	1.50	11.0	48	46.4	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC Part 18**

EUT: CFL M/N:GY PL13W  
Manufacturer: Elegant  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 08/02/2009

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.465000	40.60	10.6	48	7.3	QP	L1	GND
0.519000	29.80	10.6	48	18.1	QP	L1	GND
0.559500	30.90	10.6	48	17.0	QP	L1	GND
1.126500	36.60	10.7	48	11.3	QP	L1	GND
1.221000	34.90	10.7	48	13.0	QP	L1	GND
18.568500	2.10	11.2	48	45.8	QP	L1	GND