

# FCC PART 18

## EMI MEASUREMENT AND TEST REPORT

For

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

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

**FCC ID: VGZT2S**

<b>Product Name:</b>	<u>CFL</u>
<b>Model No:</b>	<u>GY-A10W/GY-A20W/GY G25 S7W/GY G25 S9W/GY G25 S11W/GY G25 S14W/GY T2 S9W/GY T2 S18W/GY T2 S23W/GY R40 23W</u>
<b>Sample Received Date:</b>	<u>December 01, 2008</u>
<b>Test Performed Date:</b>	<u>December 07, 2008</u>
<b>Test Engineer:</b>	<u>Paul Tan</u> 
<b>Reviewed By:</b>	<u>Chris Zeng</u> 
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**Note:** The test report is specially limited to the above company and the product model only, it may not be duplicated without prior written consent of Best Test Service (Shenzhen) Co., Ltd.

**TABLE OF CONTENTS**

<b>GENERAL INFORMATION.....</b>	<b>3</b>
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT) .....	3
OBJECTIVE .....	3
RELATED SUBMITTAL(S)/GRANT(S).....	3
TEST METHODOLOGY .....	3
TEST FACILITY .....	3
<b>SYSTEM TEST CONFIGURATION.....</b>	<b>4</b>
JUSTIFICATION .....	4
SCHEMATICS / BLOCK DIAGRAM.....	4
EQUIPMENT MODIFICATIONS .....	4
CONFIGURATION OF TEST SYSTEM .....	4
TEST SETUP BLOCK DIAGRAM.....	4
<b>CONDUCTED EMISSIONS TEST DATA.....</b>	<b>5</b>
APPLICABLE STANDARD .....	5
MEASUREMENT UNCERTAINTY.....	5
EUT SETUP .....	5
TEST EQUIPMENTS .....	6
TEST PROCEDURE .....	6
SUMMARY OF TEST RESULTS .....	6
CONDUCTED EMISSIONS TEST DATA AND PLOTS .....	6

## GENERAL INFORMATION

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

Applicant: JIANGXI ELEGANT LIGHTING CO., LTD.

Manufacture: JIANGXI ELEGANT LIGHTING CO., LTD

Model: GY-A10W/GY-A20W/GY G25 S7W/GY G25 S9W/GY G25 S11W/GY G25 S14W/GY T2 S9W/GY T2 S18W/GY T2 S23W/GY R40 23W.

Operation frequency: 40 KHz to 50 KHz.

Rated Input Voltage: AC 120V/60Hz

*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.

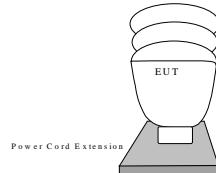
### Schematics / Block Diagram

N/A.

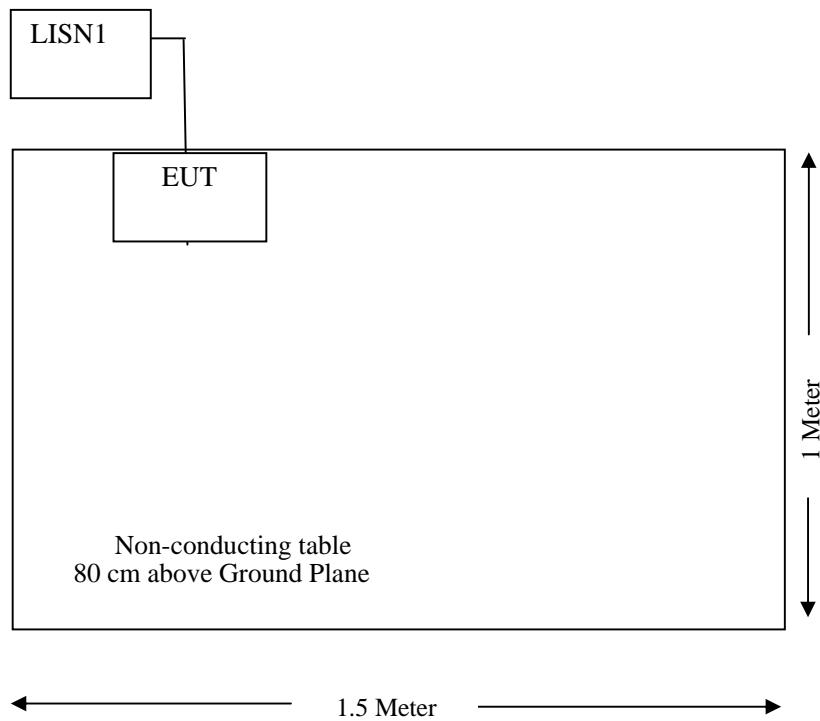
### Equipment Modifications

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).

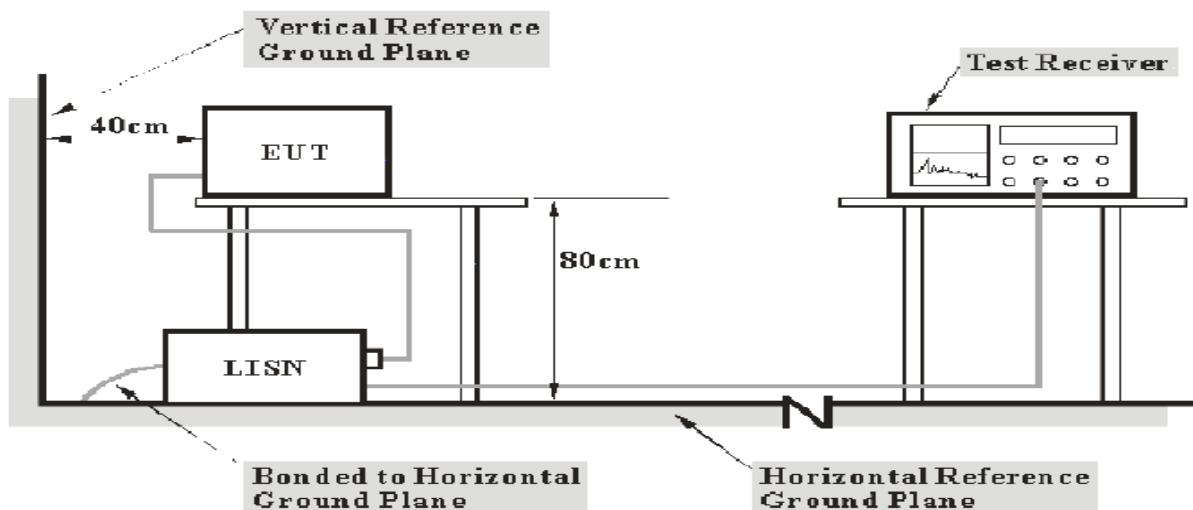
Frequency Range (MHz)	Max RF Voltage (uV)	Max RF Voltage (dBuV)
Non-consumer equipment		
0.45 to 1.6	1,000	60.0
1.6 to 30	3,000	69.0
Consumer equipment		
0.45 to 2.51	250	48.0
2.51 to 3.0	3000	69.0
3.0 to 30	250	48.0

### 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:

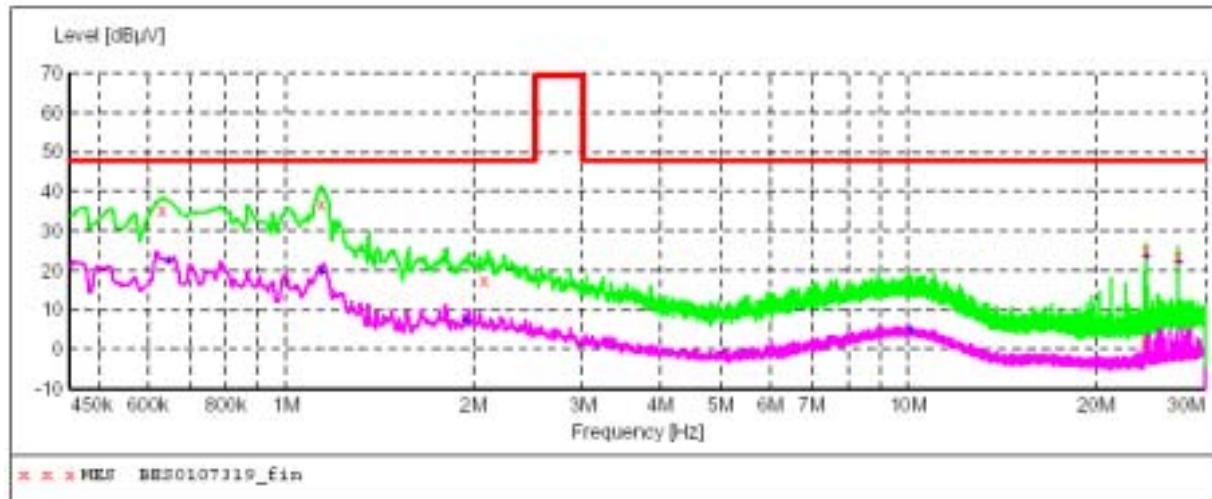
## Conducted Emissions Test Data and Plots

## BEST TEST SERVICE SHENZHEN CO., LTD

## Voltage Mains Test FCC PART18

EUT: CFL M/N: GY-A10W  
 Manufacturer: GUIYA  
 Operating Condition: ON  
 Test Site: 3# SHIELDED ROOM  
 Operator: GENE  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 12/8/2008 / 1:07:30AM

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



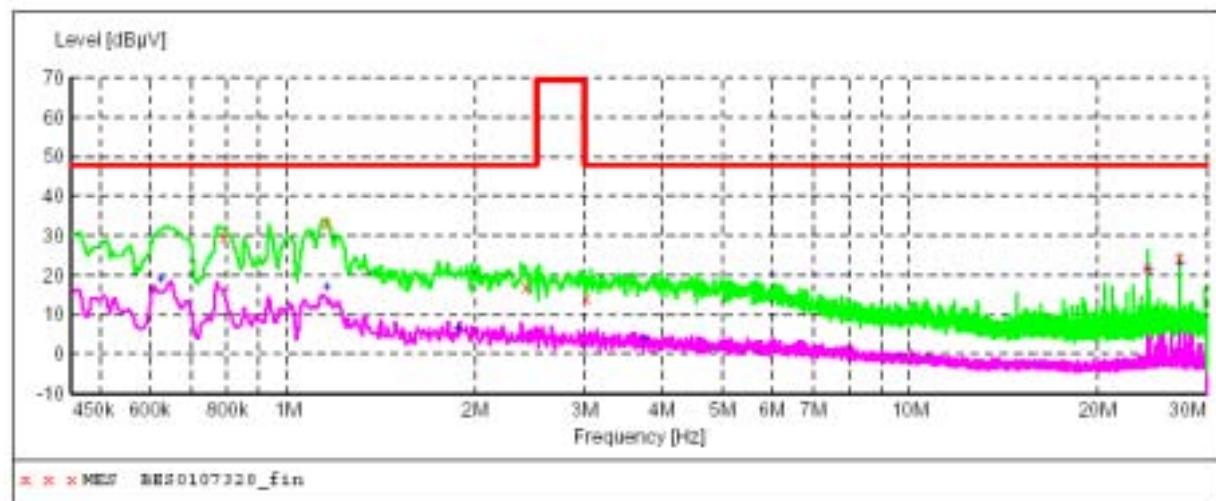
## MEASUREMENT RESULT: "BES0107319\_fin"

12/8/2008 1:09AM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.631500	35.30	10.5	48	12.6	QP	L1	GND
1.140000	37.00	10.6	48	10.9	QP	L1	GND
2.085000	17.50	10.7	48	30.4	QP	L1	GND
23.991000	1.80	11.3	48	46.1	QP	L1	GND
24.126000	25.00	11.3	48	22.9	QP	L1	GND
27.141000	23.40	11.4	48	24.5	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY-A10W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3M SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/8/2008 / 1:10:31AM

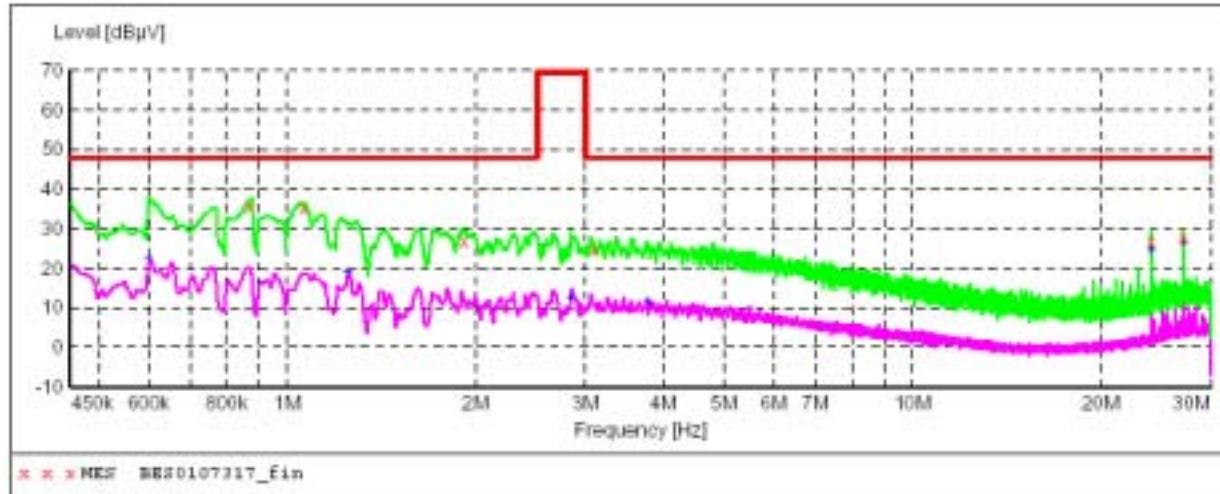
**SCAN TABLE: "Voltage (9K-30M) FIN"**  
Short Description: 150K-30M Voltage**MEASUREMENT RESULT: "BES0107320\_fin"**

12/8/2008 1:12AM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.789000	29.40	10.5	48	18.5	QP	N	GND
1.153500	33.40	10.6	48	14.5	QP	N	GND
2.404500	16.90	10.7	48	31.0	QP	N	GND
3.021000	14.10	10.7	48	33.8	QP	N	GND
24.126000	22.10	11.3	48	25.8	QP	N	GND
27.141000	24.20	11.4	48	23.7	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

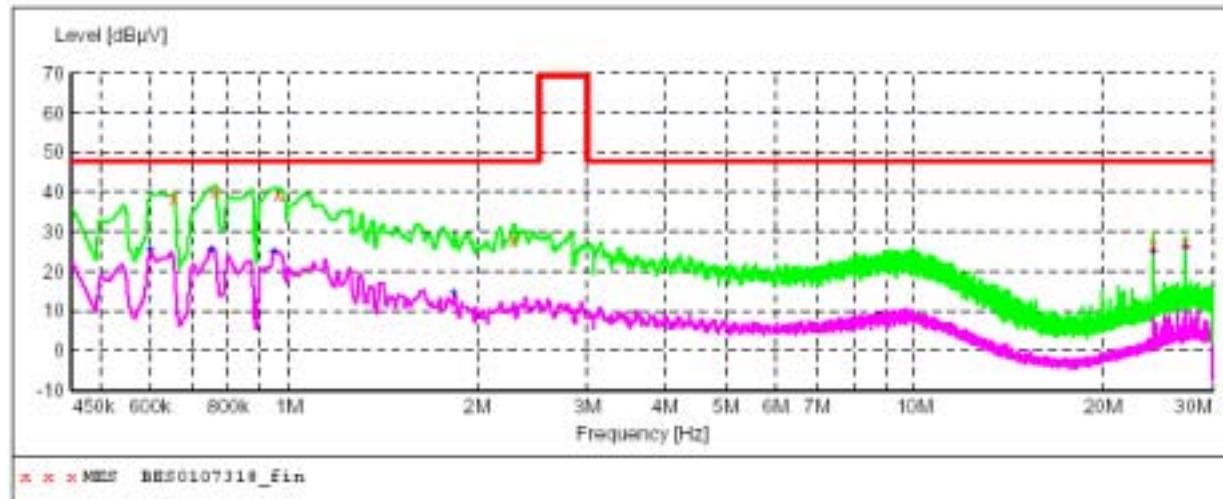
EUT: CFL M/N: GY-A20W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3M SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/8/2008 / 12:57:08AM

**SCAN TABLE: "Voltage (9K-30M) FIN"**  
Short Description: 150K-30M Voltage**MEASUREMENT RESULT: "BES0107317\_fin"**

12/8/2008 12:59AM	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.870000	35.80	10.5	48	12.1	QP	N	GND
	1.059000	35.20	10.6	48	12.7	QP	N	GND
	1.914000	26.60	10.6	48	21.3	QP	N	GND
	3.088500	24.60	10.7	48	23.3	QP	N	GND
	24.126000	26.60	11.3	48	21.3	QP	N	GND
	27.141000	27.60	11.4	48	20.3	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY-A20W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 34 SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/8/2008 / 1:00:08AM

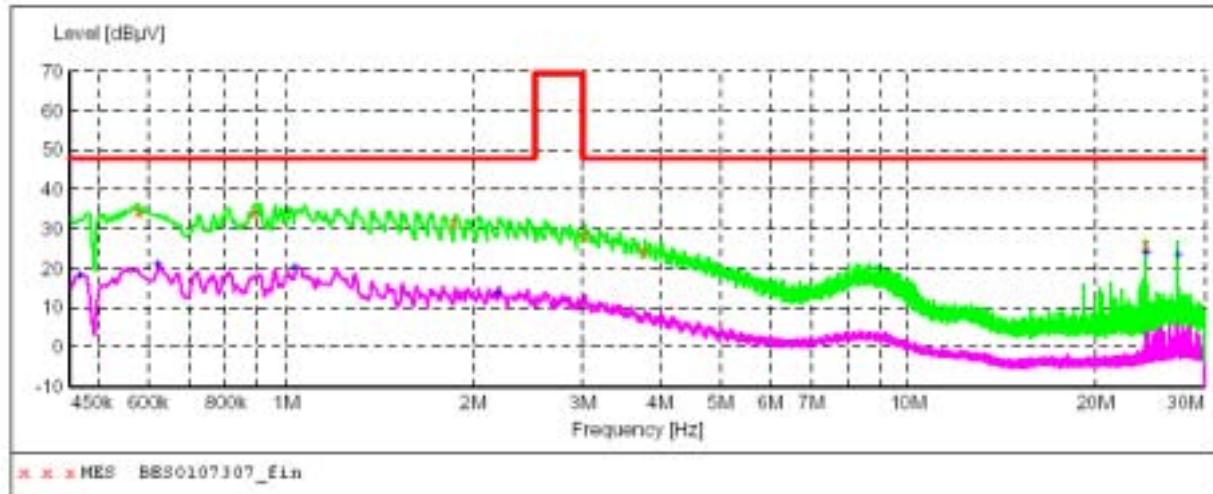
**SCAN TABLE: "Voltage (9K-30M) FIN"**  
Short Description: 150K-30M Voltage**MEASUREMENT RESULT: "BES0107318\_fin"**

12/8/2008 1:02AM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.654000	38.40	10.5	48	9.5	QP	L1	GND
0.762000	40.20	10.5	48	7.7	QP	L1	GND
0.960000	39.30	10.6	48	8.6	QP	L1	GND
2.292000	28.10	10.7	48	19.8	QP	L1	GND
24.126000	26.80	11.3	48	21.1	QP	L1	GND
27.141000	27.20	11.4	48	20.7	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY G25 E26 87W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3A SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/7/2008 / 11:38:36PM

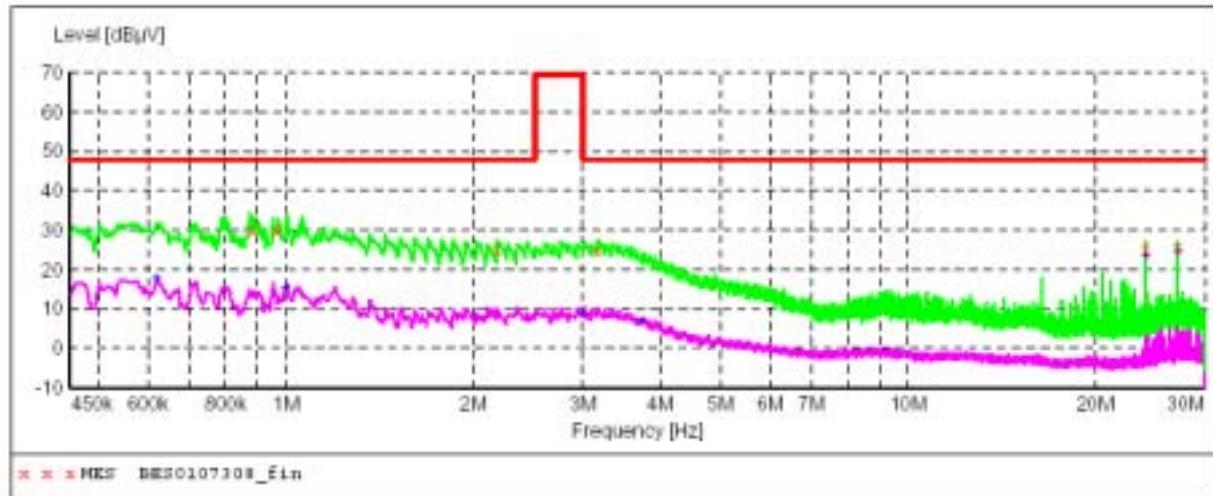
**SCAN TABLE: "Voltage (9K-30M) FIN"**  
Short Description: 150K-30M Voltage**MEASUREMENT RESULT: "BES0107307\_fin"**

12/7/2008 11:41PM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.577500	34.30	10.5	48	13.6	QP	L1	GND
0.888000	34.20	10.5	48	13.7	QP	L1	GND
1.860000	31.60	10.6	48	16.3	QP	L1	GND
3.021000	28.20	10.7	48	19.7	QP	L1	GND
3.763500	24.50	10.7	48	23.4	QP	L1	GND
24.126000	25.90	11.3	48	22.0	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY G25 E26 87W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/7/2008 / 11:41:35PM

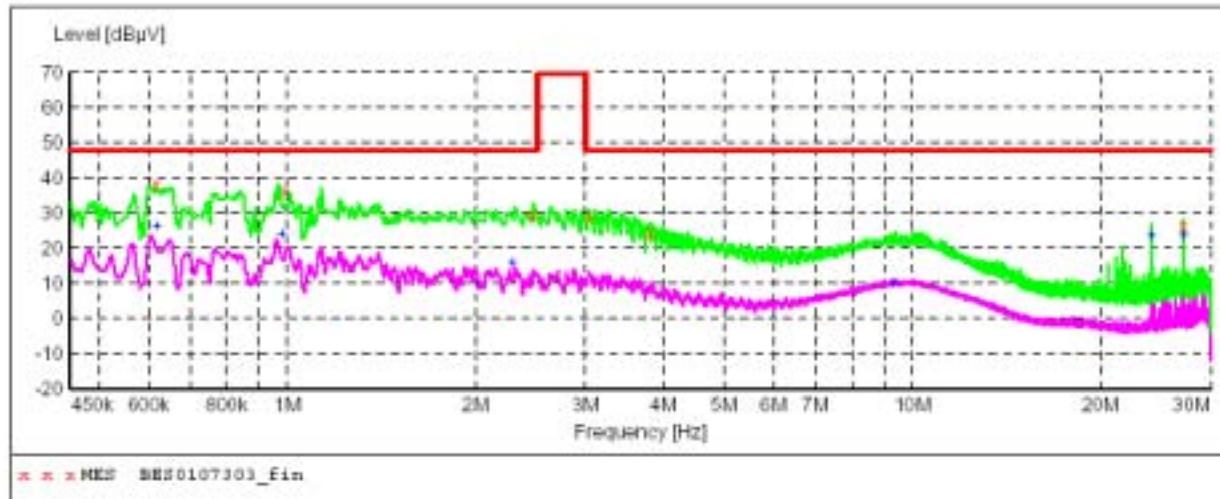
**SCAN TABLE: "Voltage (9K-30M) FIN"**  
Short Description: 150K-30M Voltage**MEASUREMENT RESULT: "BES0107308\_fin"**

12/7/2008 11:44PM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.883500	30.10	10.5	48	17.8	QP	N	GND
0.964500	29.90	10.6	48	18.0	QP	N	GND
2.179500	25.20	10.7	48	22.7	QP	N	GND
3.165000	24.70	10.7	48	23.2	QP	N	GND
24.126000	25.30	11.3	48	22.6	QP	N	GND
27.141000	25.50	11.4	48	22.4	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY G25 E26 S9W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 34 SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/7/2008 / 11:24:15PM

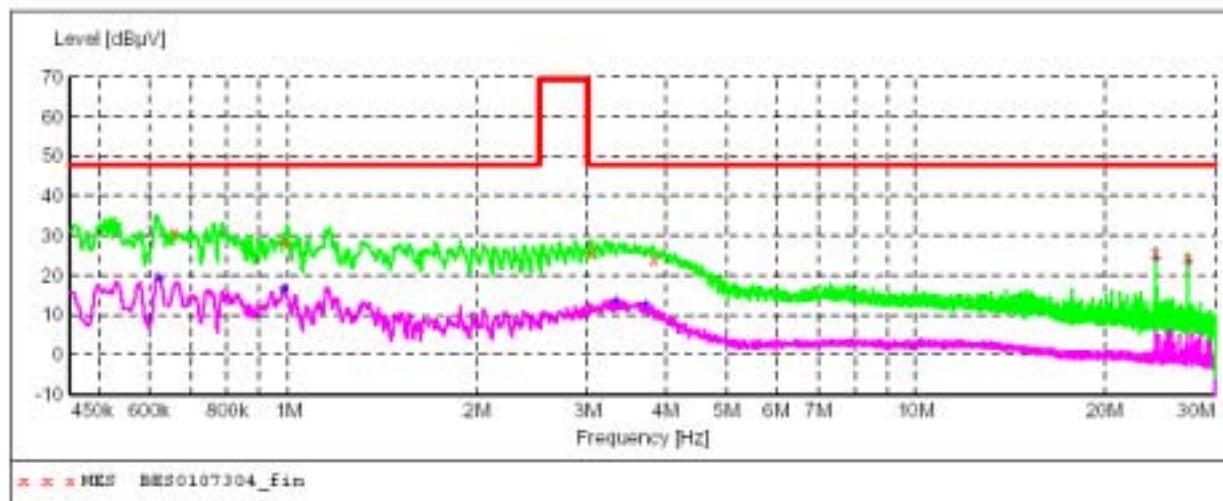
**SCAN TABLE: "Voltage (9K-30M) FIN"**  
Short Description: 150K-30M Voltage**MEASUREMENT RESULT: "BES0107303\_fin"**

12/7/2008 11:27PM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.618000	38.10	10.5	48	9.8	QP	L1	GND
0.991500	36.20	10.6	48	11.7	QP	L1	GND
2.467500	29.60	10.7	48	18.3	QP	L1	GND
3.043500	28.60	10.7	48	19.3	QP	L1	GND
3.795000	24.20	10.7	48	23.7	QP	L1	GND
27.141000	26.30	11.4	48	21.6	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY G25 E26 89W  
 Manufacturer: GUIYA  
 Operating Condition: ON  
 Test Site: 3# SHIELDED ROOM  
 Operator: GENE  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 12/7/2008 / 11:28:15PM

**SCAN TABLE: "Voltage (9K-30M) FIN"**  
Short Description: 150K-30M Voltage**MEASUREMENT RESULT: "BES0107304\_fin"**

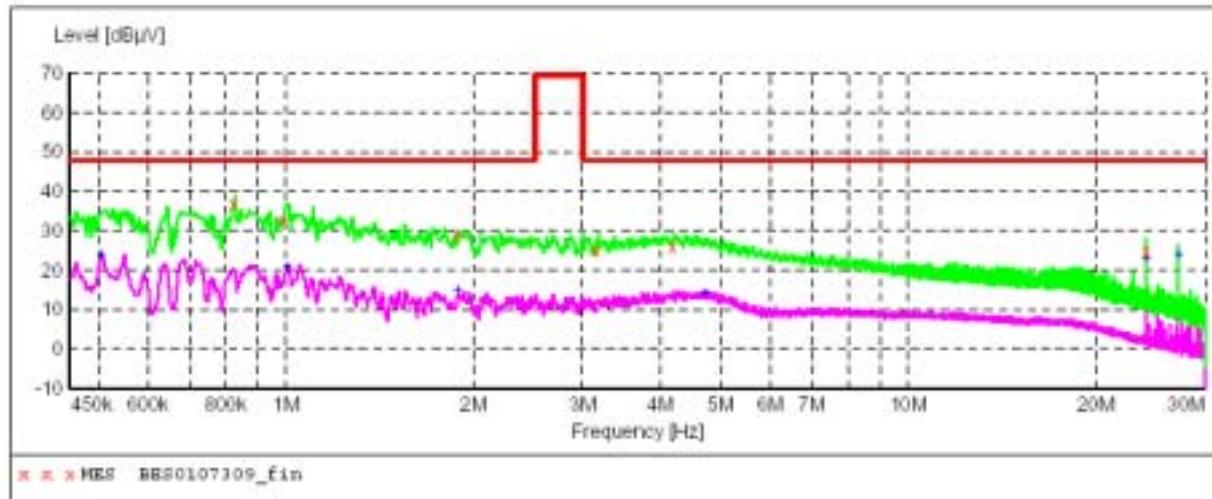
12/7/2008 11:30PM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.658500	30.70	10.5	48	17.2	QP	N	GND
0.987000	28.50	10.6	48	19.4	QP	N	GND
3.030000	26.10	10.7	48	21.8	QP	N	GND
3.813000	23.90	10.7	48	24.0	QP	N	GND
24.126000	25.60	11.3	48	22.3	QP	N	GND
27.141000	24.20	11.4	48	23.7	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY G25 E26 S11W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/8/2008 / 12:21:26AM

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

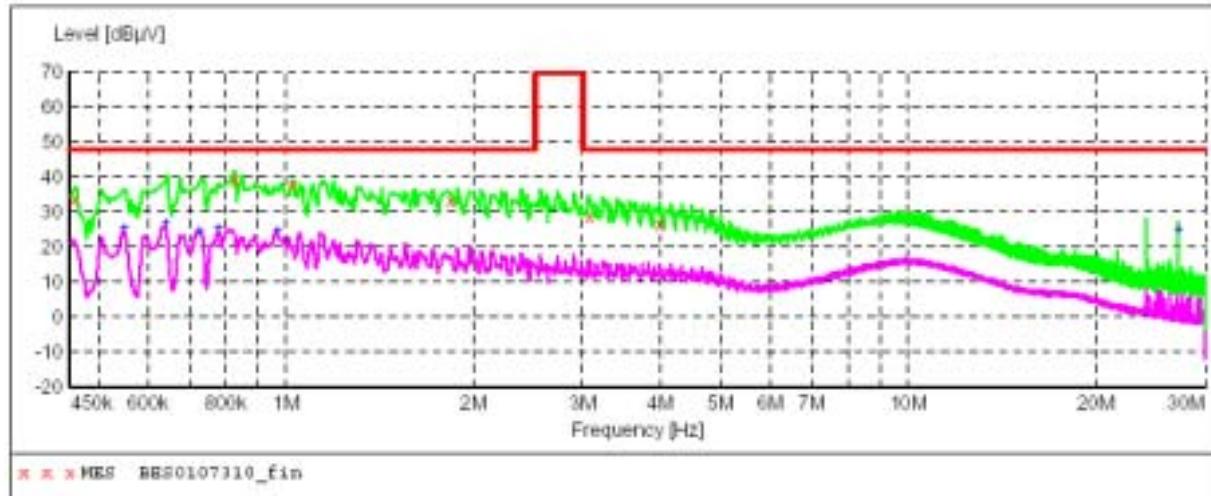
**MEASUREMENT RESULT: "BES0107309\_fin"**

12/8/2008 12:23AM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.825000	36.70	10.5	48	11.2	QP	N	GND
0.991500	32.80	10.6	48	15.1	QP	N	GND
1.882500	28.90	10.6	48	19.0	QP	N	GND
3.142500	25.10	10.7	48	22.8	QP	N	GND
4.186500	26.10	10.7	48	21.8	QP	N	GND
24.126000	24.80	11.3	48	23.1	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY G25 E26 S11W  
 Manufacturer: GUIYA  
 Operating Condition: ON  
 Test Site: 3# SHIELDED ROOM  
 Operator: GENE  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 12/8/2008 / 12:24:29AM

**SCAN TABLE: "Voltage (9K-30M) FIN"**  
Short Description: 150K-30M Voltage**MEASUREMENT RESULT: "BES0107310\_fin"**

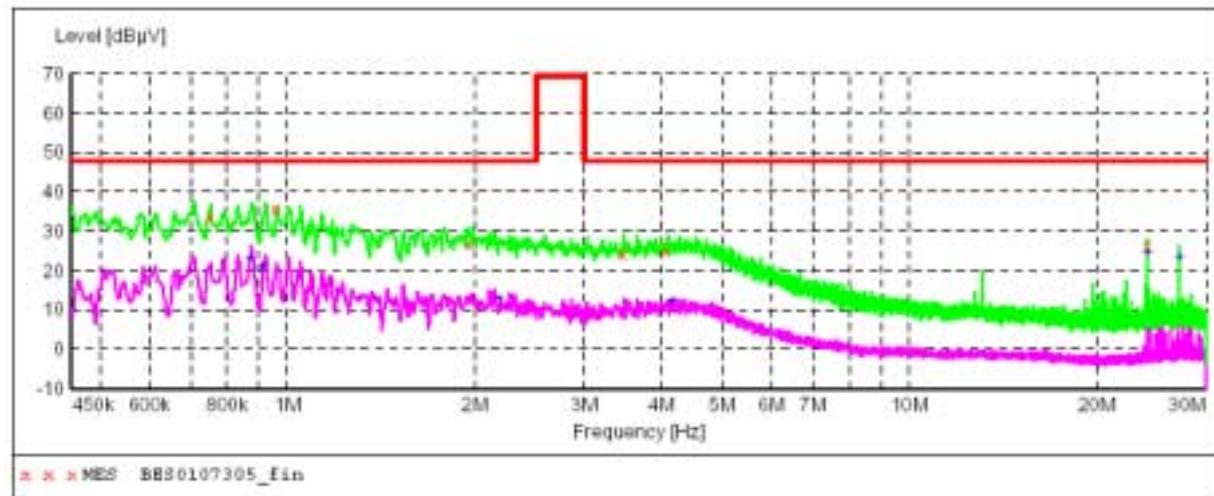
12/8/2008 12:26AM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.456000	33.80	10.5	48	14.1	QP	L1	GND
0.829500	39.30	10.5	48	8.6	QP	L1	GND
1.027500	37.60	10.6	48	10.3	QP	L1	GND
1.842000	33.20	10.6	48	14.7	QP	L1	GND
3.066000	28.40	10.7	48	19.5	QP	L1	GND
3.988500	26.20	10.7	48	21.7	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY G25 E26 S14W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/7/2008 / 11:31:52PM

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

**MEASUREMENT RESULT: "BES0107305\_fin"**

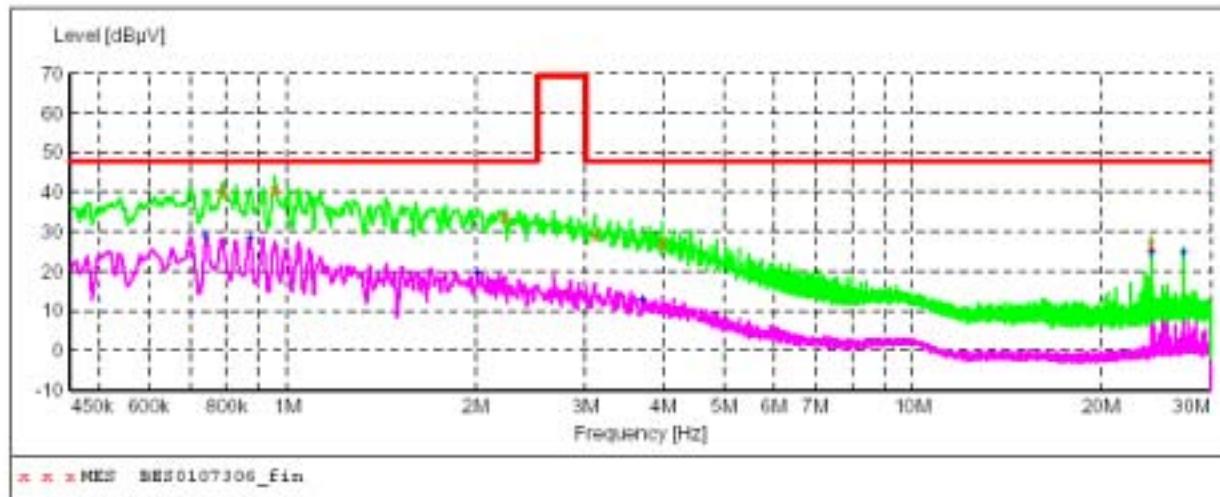
12/7/2008 11:34PM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.748500	33.80	10.5	48	14.1	QP	N	GND
0.955500	35.50	10.6	48	12.4	QP	N	GND
1.963500	26.70	10.6	48	21.2	QP	N	GND
3.457500	24.50	10.7	48	23.4	QP	N	GND
4.056000	25.20	10.7	48	22.7	QP	N	GND
24.126000	26.20	11.3	48	21.7	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY G25 E26 S14W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3A SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/7/2008 / 11:35:03PM

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

**MEASUREMENT RESULT: "BES0107306\_fin"**

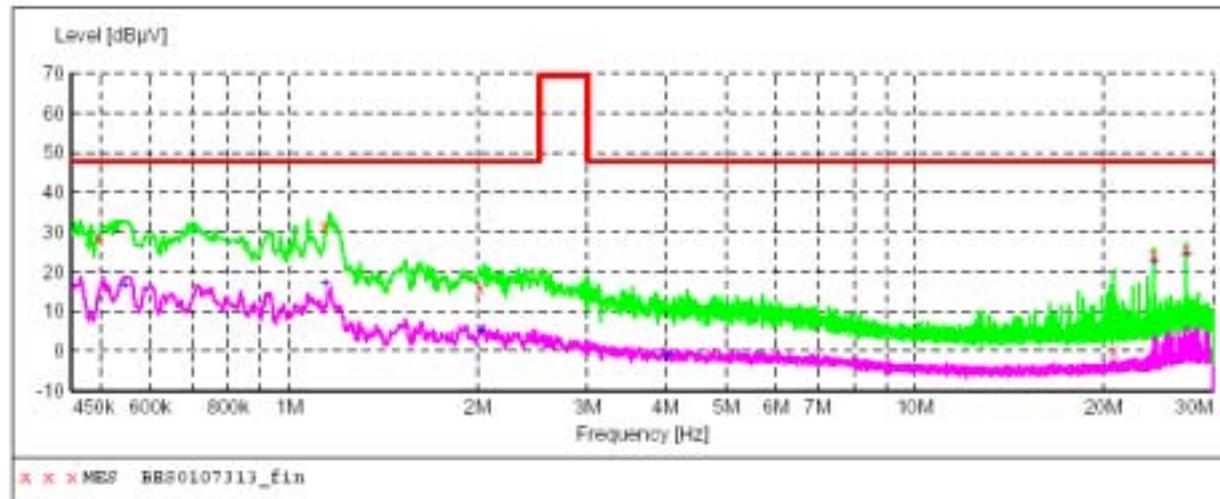
12/7/2008 11:37PM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.789000	40.10	10.5	48	7.8	QP	L1	GND
0.955500	40.40	10.6	48	7.5	QP	L1	GND
2.229000	33.50	10.7	48	14.4	QP	L1	GND
3.106500	29.00	10.7	48	18.9	QP	L1	GND
3.979500	27.10	10.7	48	20.8	QP	L1	GND
24.126000	26.70	11.3	48	21.2	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: T2 E26 S9W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3A SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/8/2008 / 12:35:20AM

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

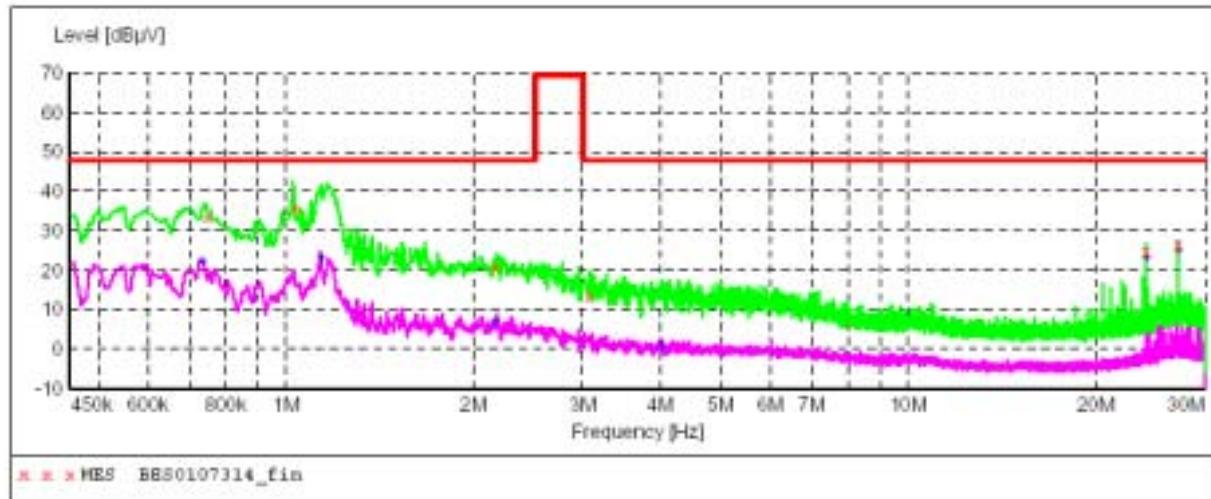
**MEASUREMENT RESULT: "BES0107313\_fin"**

12/8/2008 12:38AM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.496500	28.50	10.5	48	19.4	QP	N	GND
1.140000	31.70	10.6	48	16.2	QP	N	GND
2.022000	16.00	10.7	48	31.9	QP	N	GND
20.845500	0.20	11.2	48	47.7	QP	N	GND
24.126000	24.50	11.3	48	23.4	QP	N	GND
27.141000	25.40	11.4	48	22.5	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: T2 E26 89W  
 Manufacturer: GUIYA  
 Operating Condition: ON  
 Test Site: 3# SHIELDED ROOM  
 Operator: GENE  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 12/8/2008 / 12:38:36AM

**SCAN TABLE: "Voltage (9K-30M) FIN"**  
Short Description: 150K-30M Voltage**MEASUREMENT RESULT: "BES0107314\_fin"**

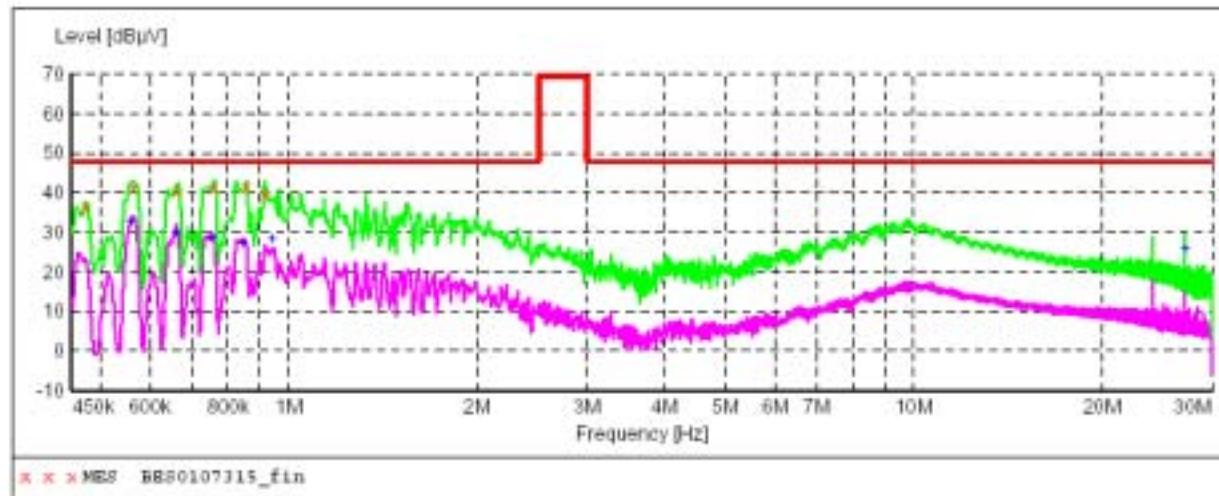
12/8/2008 12:41AM	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.748500	33.60	10.5	48	14.3	QP	L1	GND
	1.036500	35.50	10.6	48	12.4	QP	L1	GND
	2.175000	20.50	10.7	48	27.4	QP	L1	GND
	3.066000	13.30	10.7	48	34.6	QP	L1	GND
	24.126000	24.90	11.3	48	23.0	QP	L1	GND
	27.141000	26.20	11.4	48	21.7	QP	L1	GND

## BEST TEST SERVICE SHENZHEN CO., LTD

## Voltage Mains Test FCC PART18

EUT: CFL M/N: T2 E26 S18W  
 Manufacturer: GUIYA  
 Operating Condition: ON  
 Test Site: 3M SHIELDED ROOM  
 Operator: GENE  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 12/8/2008 / 12:49:52AM

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



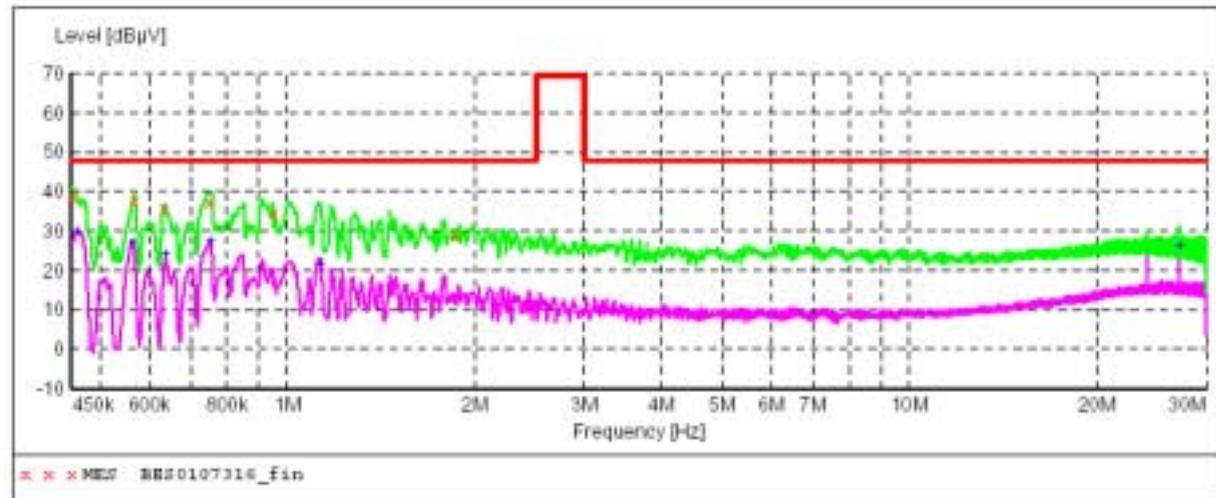
## MEASUREMENT RESULT: "BES0107315\_fin"

12/8/2008 12:52AM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.474000	36.30	10.5	48	11.6	QP	L1	GND
0.564000	41.10	10.5	48	6.8	QP	L1	GND
0.663000	40.60	10.5	48	7.3	QP	L1	GND
0.757500	41.20	10.5	48	6.7	QP	L1	GND
0.852000	41.20	10.5	48	6.7	QP	L1	GND
0.915000	39.50	10.6	48	8.4	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: T2 E26 518W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/8/2008 / 12:53:17AM

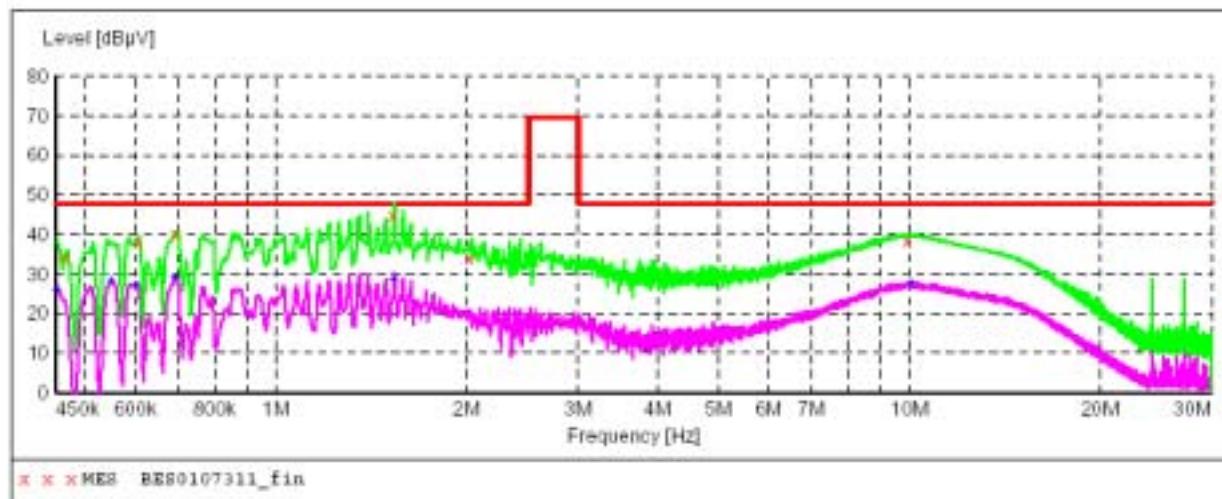
**SCAN TABLE: "Voltage (9K-30M) FIN"**  
Short Description: 150K-30M Voltage**MEASUREMENT RESULT: "BES0107316\_fin"**

12/8/2008 12:55AM	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.451500	38.90	10.5	48	9.0	QP	N	GND
	0.568500	37.80	10.5	48	10.1	QP	N	GND
	0.631500	35.70	10.5	48	12.2	QP	N	GND
	0.748500	37.10	10.5	48	10.8	QP	N	GND
	0.946500	34.30	10.6	48	13.6	QP	N	GND
	1.860000	28.60	10.6	48	19.3	QP	N	GND

## BEST TEST SERVICE SHENZHEN CO., LTD

## Voltage Mains Test FCC PART18

EUT: CFL M/N: T2 E26 S23W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3M SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/8/2008 / 12:28:23AM

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

## MEASUREMENT RESULT: "BES0107311\_fin"

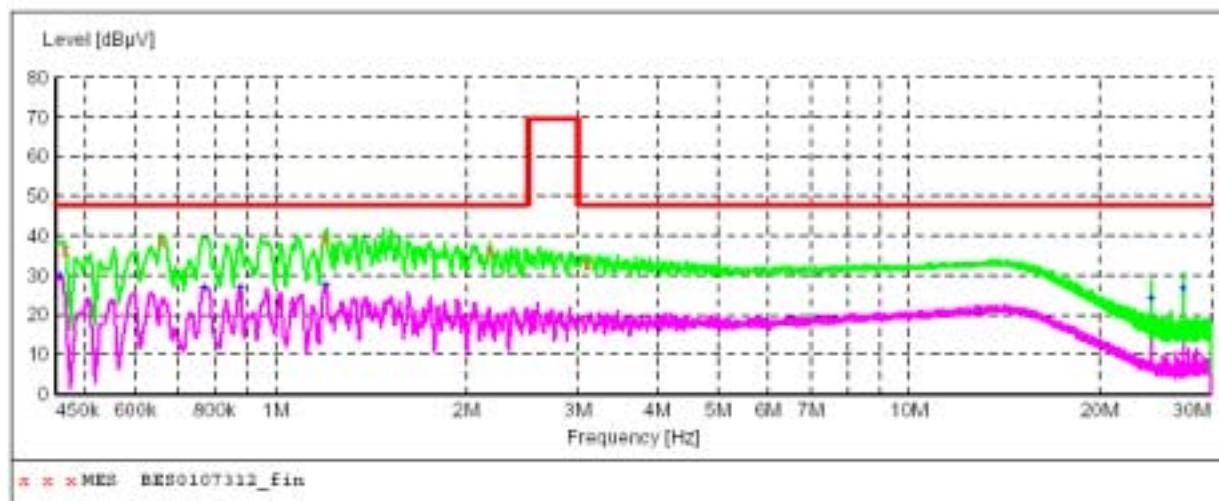
12/8/2008 12:30AM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.465000	34.30	10.5	48	13.6	QP	L1	GND
0.604500	37.90	10.5	48	10.0	QP	L1	GND
0.694500	40.00	10.5	48	7.9	QP	L1	GND
1.527000	44.70	10.6	48	3.2	QP	L1	GND
2.022000	34.00	10.7	48	13.9	QP	L1	GND
9.910500	38.20	10.8	48	9.7	QP	L1	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: T2 E26 S23W  
 Manufacturer: GUIYA  
 Operating Condition: ON  
 Test Site: 3# SHIELDED ROOM  
 Operator: GENE  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 12/8/2008 / 12:31:37AM

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

**MEASUREMENT RESULT: "BES0107312\_fin"**

12/8/2008 12:34AM

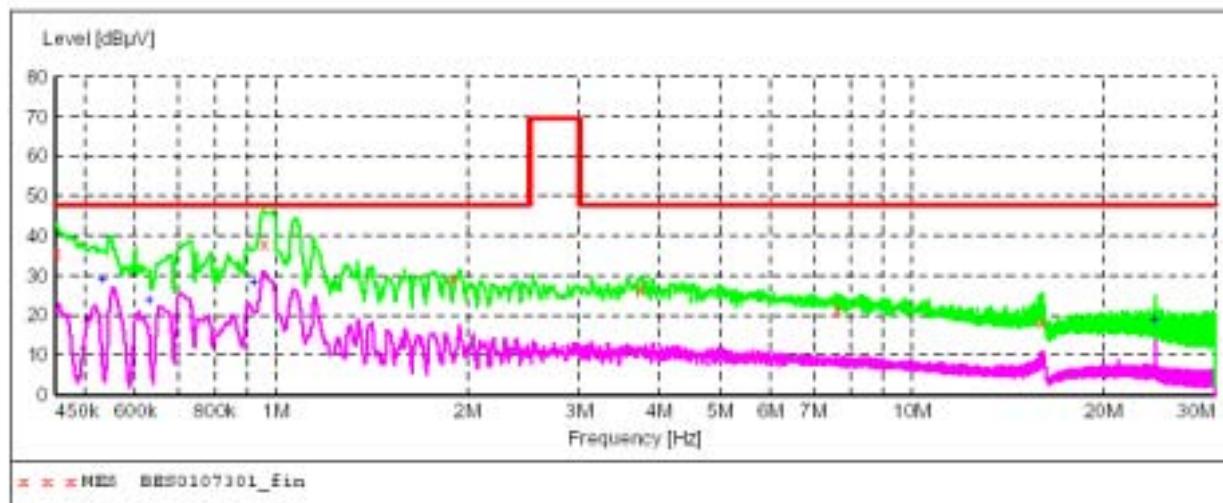
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.465000	36.30	10.5	48	11.6	QP	N	GND
0.658500	38.80	10.5	48	9.1	QP	N	GND
1.198500	39.20	10.6	48	8.7	QP	N	GND
2.179500	36.30	10.7	48	11.6	QP	N	GND
3.115500	32.90	10.7	48	15.0	QP	N	GND

## BEST TEST SERVICE SHENZHEN CO., LTD

## Voltage Mains Test FCC PART18

EUT: CFL M/N:GY R40 23W  
 Manufacturer: GUIYA  
 Operating Condition: ON  
 Test Site: 3# SHIELDED ROOM  
 Operator: GENE  
 Test Specification: AC 120V/60Hz  
 Comment:  
 Start of Test: 12/7/2008 / 11:15:56PM

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



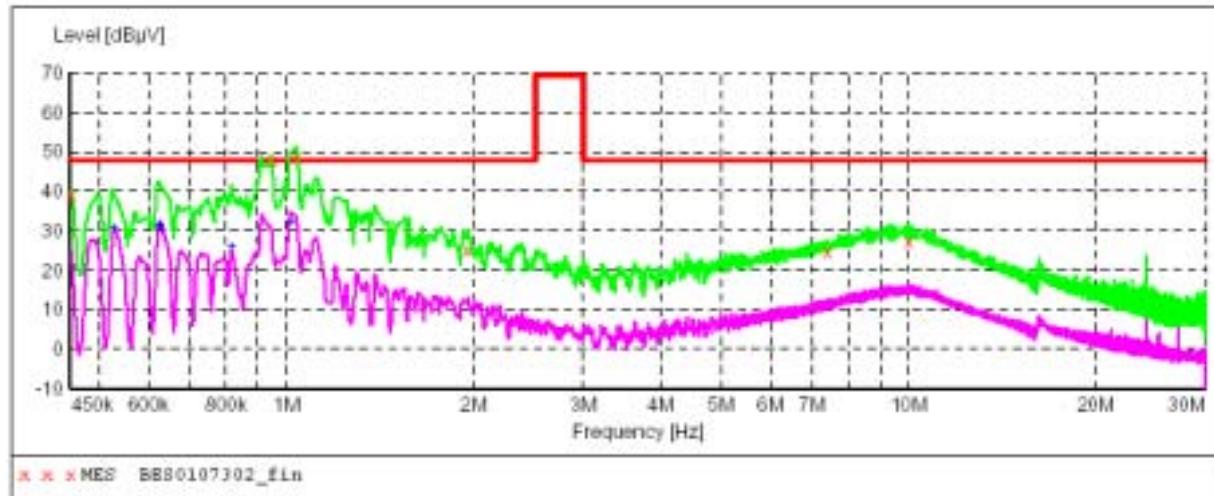
## MEASUREMENT RESULT: "BES0107301\_fin"

12/7/2008 11:16PM

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.451500	35.50	10.5	48	12.4	QP	N	GND
0.955500	38.00	10.6	48	9.9	QP	N	GND
1.891500	29.10	10.6	48	18.8	QP	N	GND
3.754500	26.60	10.7	48	21.3	QP	N	GND
7.615500	21.40	10.8	48	26.5	QP	N	GND
15.976500	18.00	11.0	48	29.9	QP	N	GND

**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY R40 23W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/7/2008 / 11:20:21PM

**SCAN TABLE: "Voltage (9K-30M) FIN"**  
Short Description: 150K-30M Voltage**MEASUREMENT RESULT: "BES0107302\_fin"**

12/7/2008 11:22PM	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dBuV	dB	dBuV	dB			
	0.451500	38.70	10.5	48	9.2	QP	L1	GND
	0.951000	45.90	10.6	48	2.1	QP	L1	GND
	1.036500	46.40	10.6	48	1.6	QP	L1	GND
	1.950000	25.10	10.6	48	22.8	QP	L1	GND
	7.395000	24.60	10.8	48	23.3	QP	L1	GND
	10.014000	27.00	10.9	48	20.9	QP	L1	GND