



# 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>             | CFL   |
| <b>Model No:</b>                 | GY-A10W/GY-A20W/GY G25 S7W/GY G25<br>S9W/GY G25 S11W/GY G25 S14W/GY T2 S9W/<br>GY T2 S18W/GY T2 S23W/GY R40 23W   |
| <b>Sample<br/>Received Date:</b> | December 01, 2008   |
| <b>Test<br/>Performed Date:</b>  | December 07, 2008   |
| <b>Test Engineer:</b>            | Paul Tan   |
| <b>Reviewed By:</b>              | Chris Zeng   |
| <b>Prepared By:</b>              | BEST Test Service (Shenzhen) Co., Ltd.<br>C, 310-316, Huameiju Business Center, 82 Block,<br>Baoan District, Shenzhen, 518057, China.<br>Tel: +86-755-86182350<br>Fax: +86-755-86182353 |

**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.

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## GENERAL INFORMATION

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### 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.

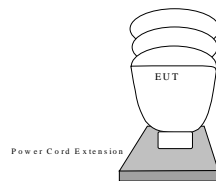
### Schematics / Block Diagram

N/A.

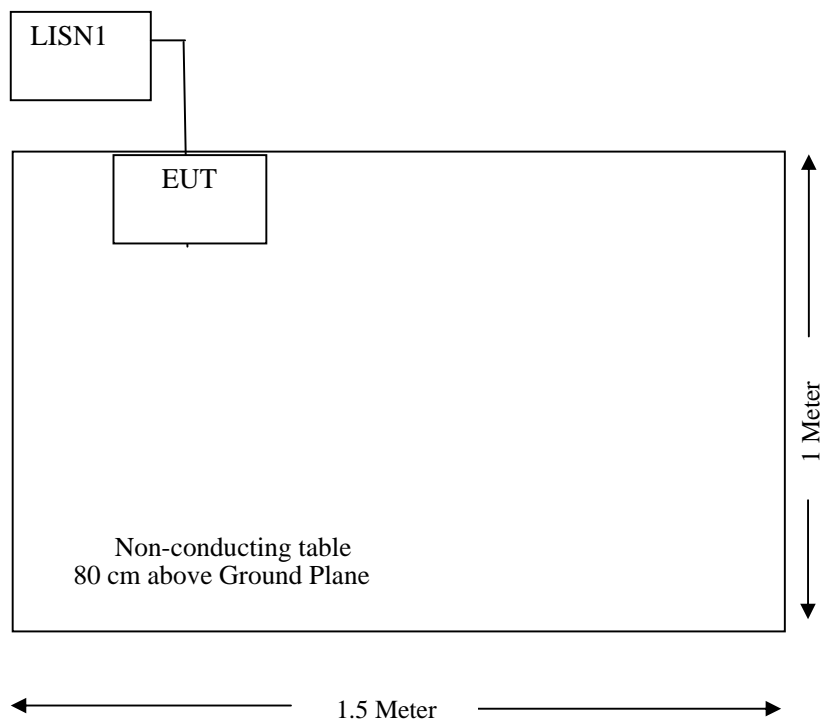
### Equipment Modifications

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).

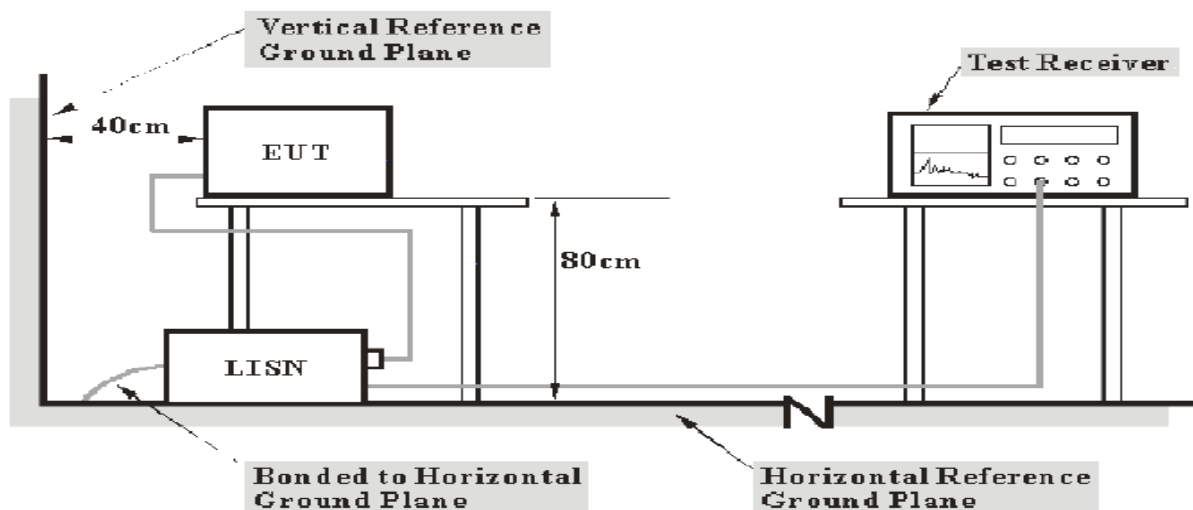
| Frequency Range (MHz)  | Max RF Voltage ( $\mu$ V) | Max RF Voltage (dB $\mu$ V) |
|------------------------|---------------------------|-----------------------------|
| Non-consumer equipment |                           |                             |
| 0.45 to 1.6            | 1,000                     | 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 (AMN) 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:

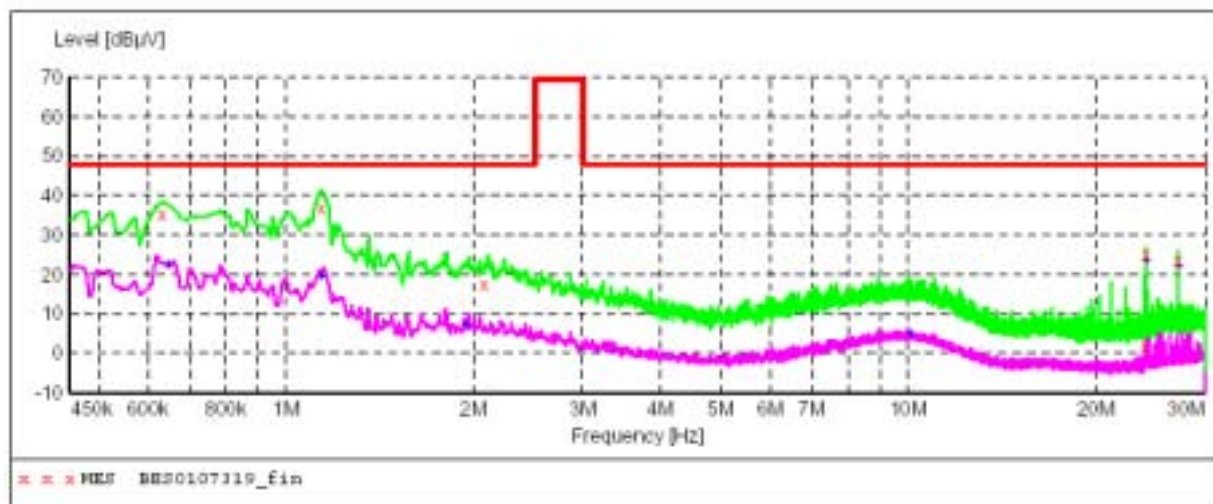
### Conducted Emissions Test Data and Plots

**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

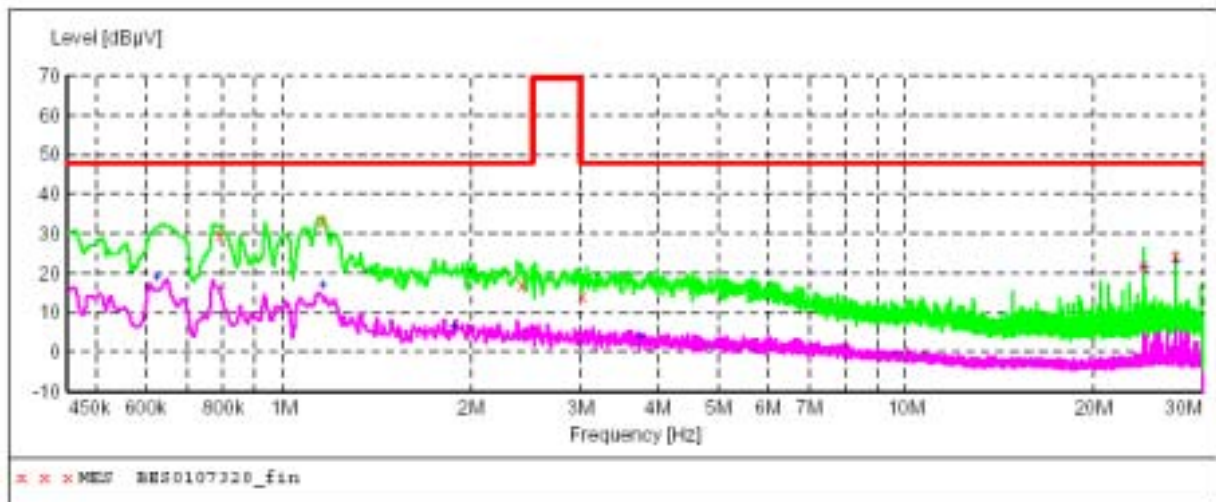
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.631500         | 35.30         | 10.5         | 48            | 12.6         | QP       | 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: 3# 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<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>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 |

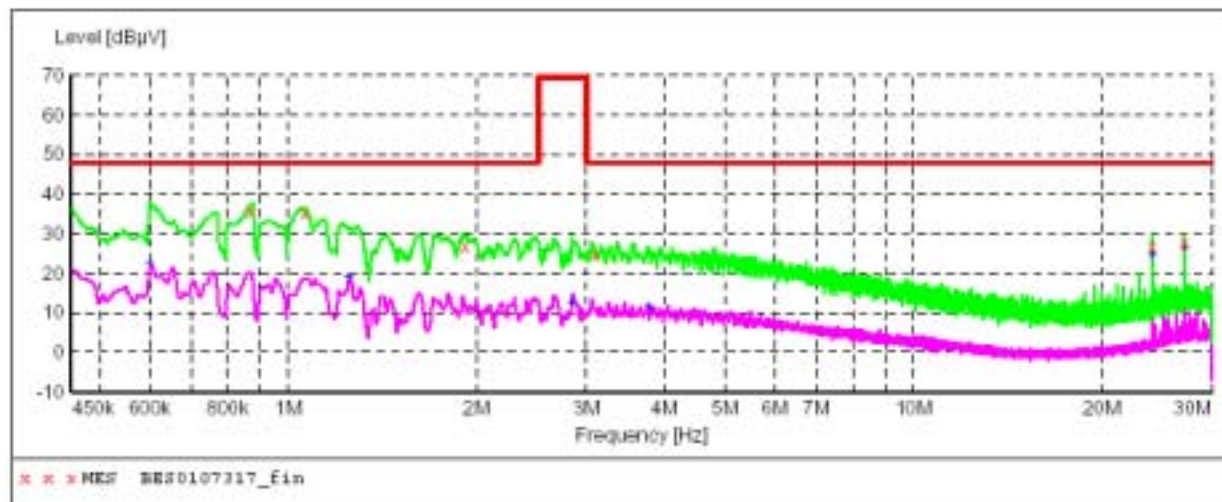


**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY-A20W  
 Manufacturer: GUIYA  
 Operating Condition: ON  
 Test Site: 3# 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

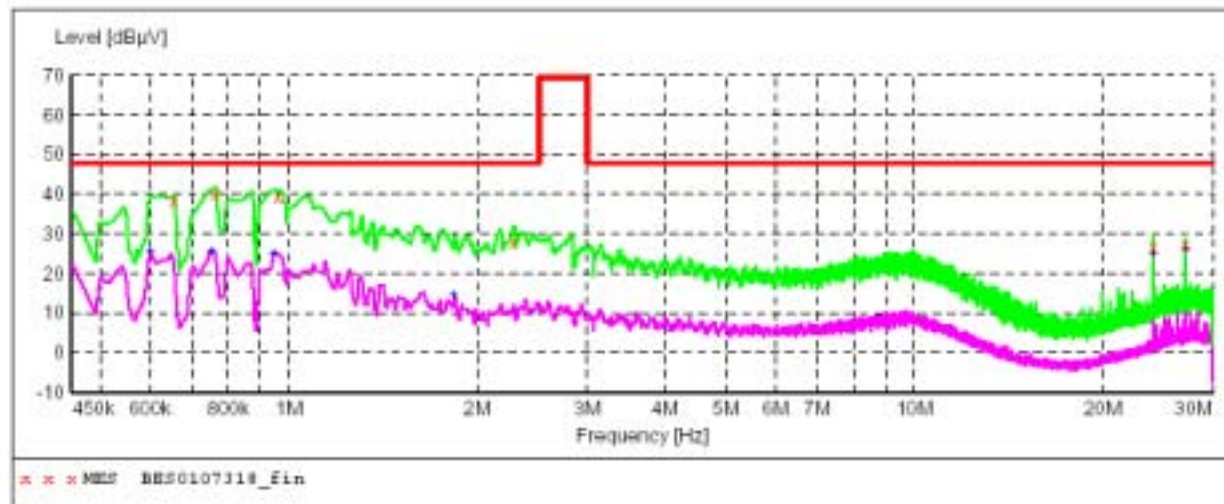
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.870000         | 35.80         | 10.5         | 48            | 12.1         | QP       | 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: 3# 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

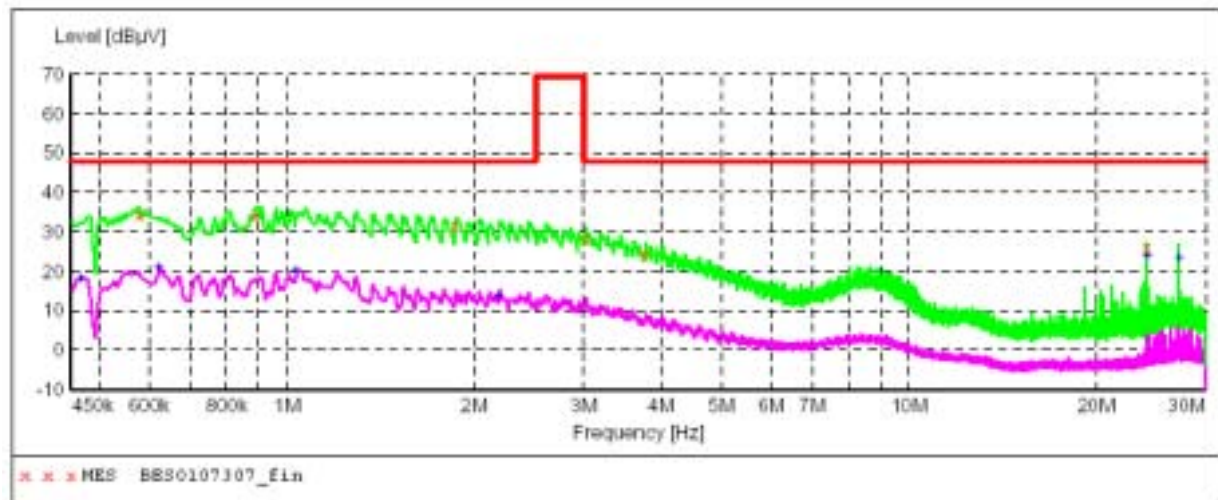
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.654000         | 38.40         | 10.5         | 48            | 9.5          | QP       | 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 S7W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/7/2008 / 11:38:36PM

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT: "BES0107307\_fin"**

12/7/2008 11:41PM

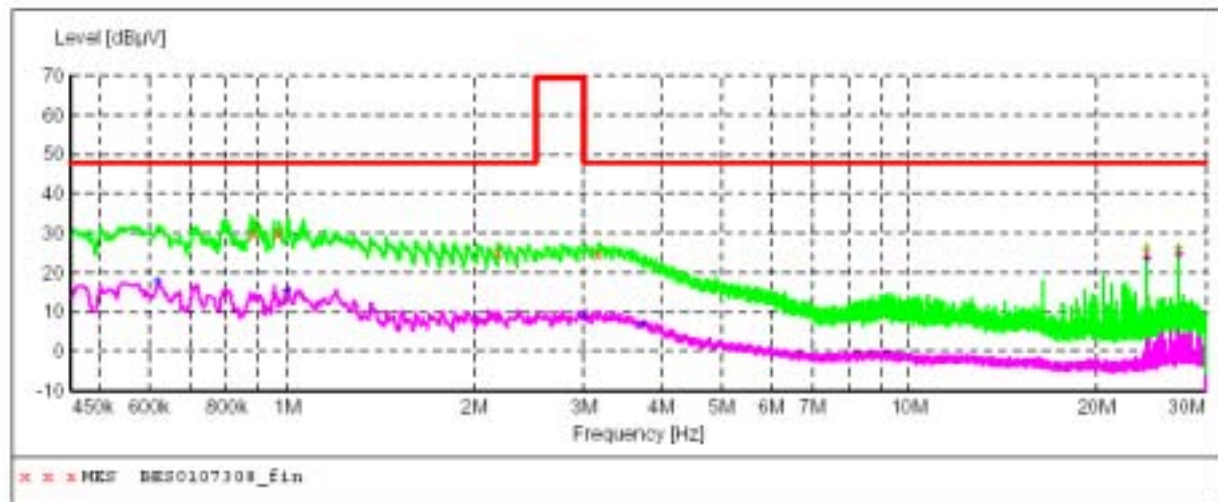
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.577500         | 34.30         | 10.5         | 48            | 13.6         | QP       | 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 S7W  
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<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>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 |

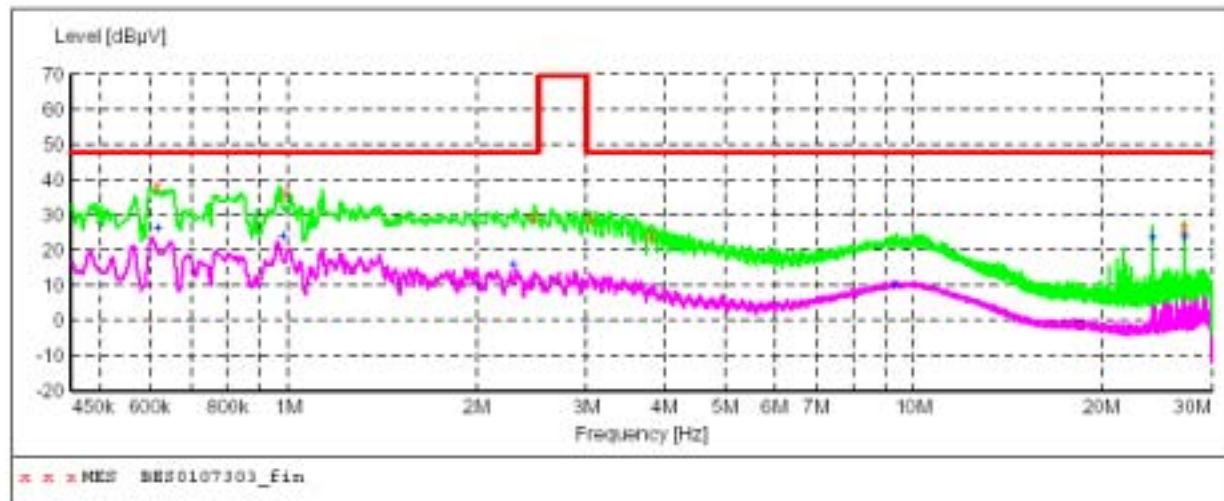


**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: GY G25 E26 S9W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3# 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

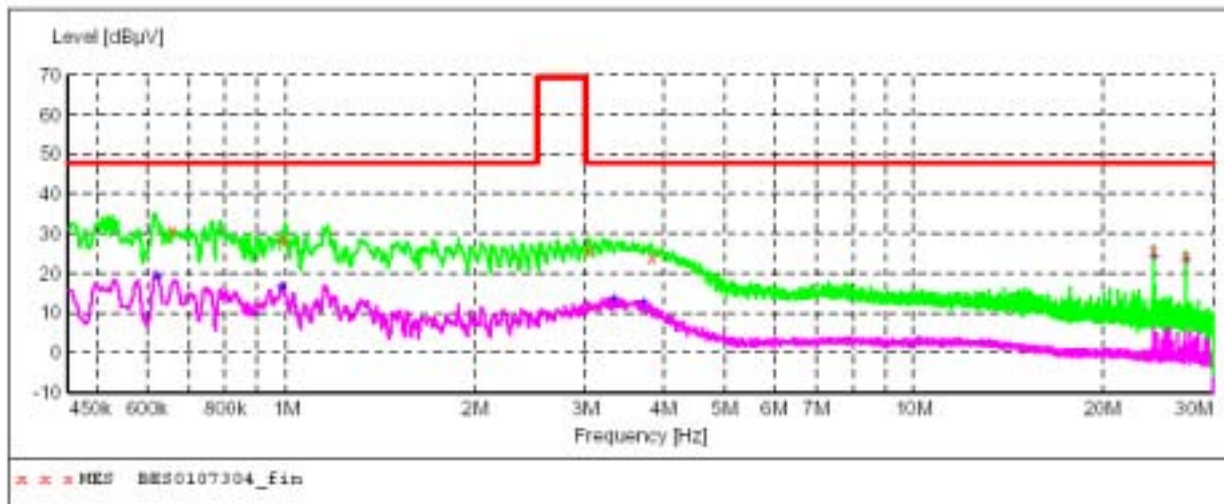
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.618000         | 38.10         | 10.5         | 48            | 9.8          | QP       | 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 S9W  
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

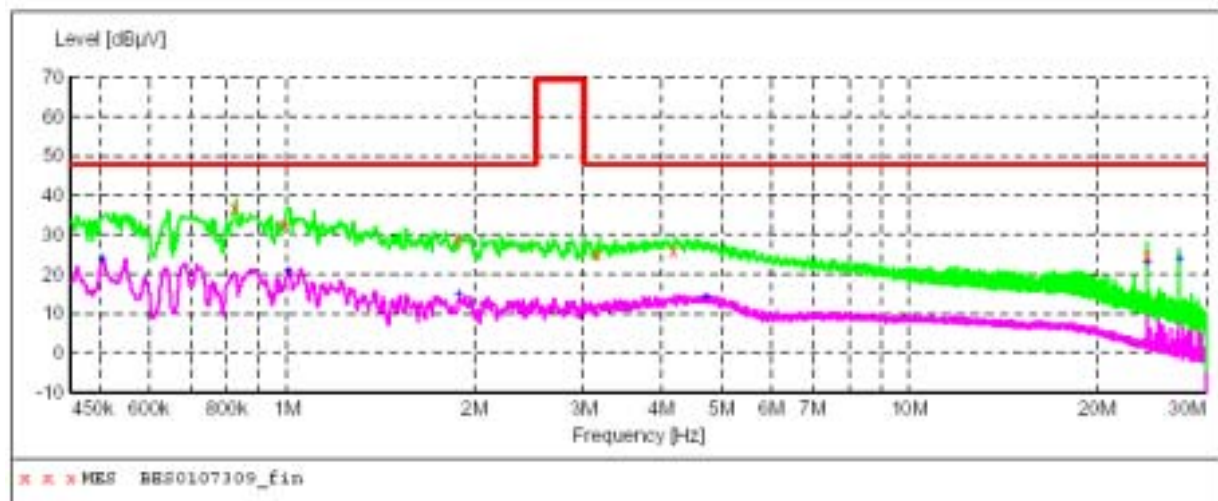
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.658500         | 30.70         | 10.5         | 48            | 17.2         | QP       | 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

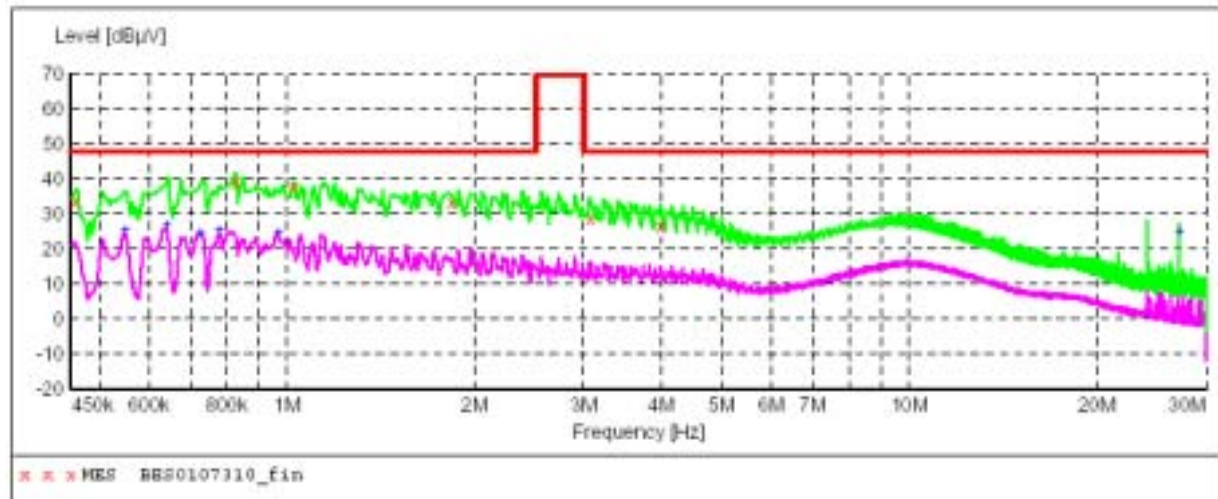
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.825000         | 36.70         | 10.5         | 48            | 11.2         | QP       | 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<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>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 |

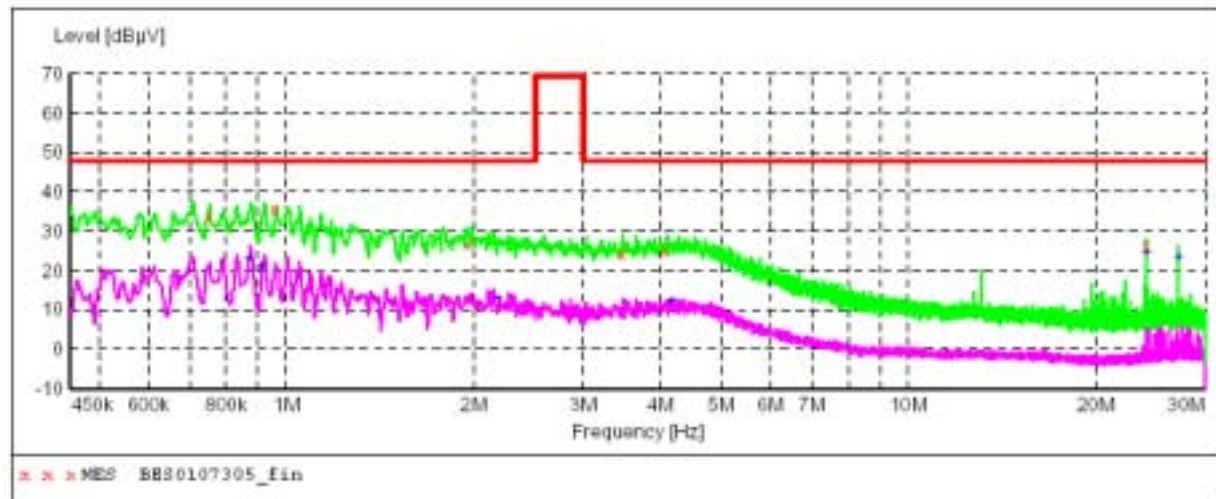


**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CPL 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

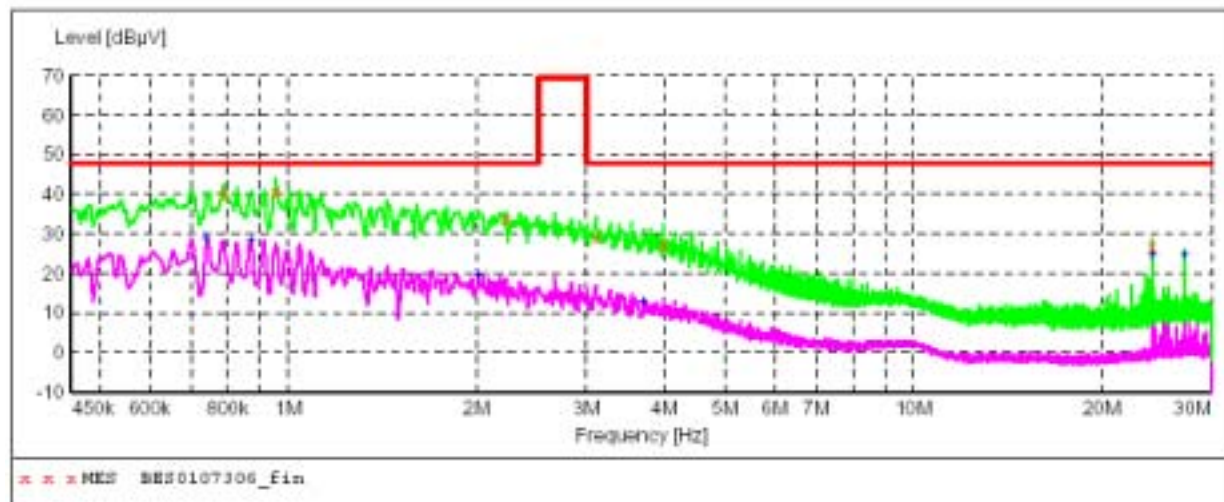
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.748500         | 33.80         | 10.5         | 48            | 14.1         | QP       | 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: 3# 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

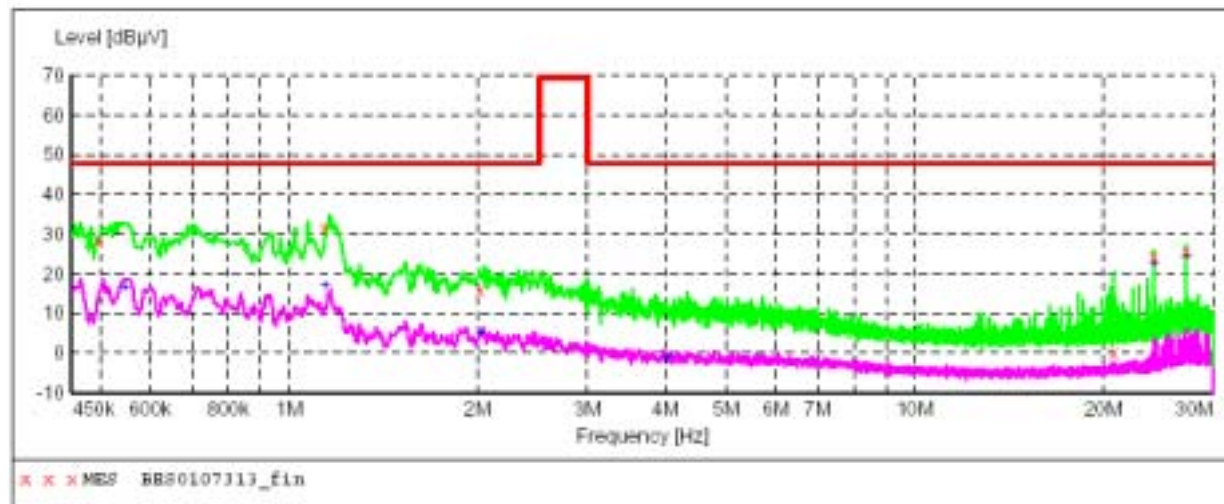
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.789000         | 40.10         | 10.5         | 48            | 7.8          | QP       | 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: 3# 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

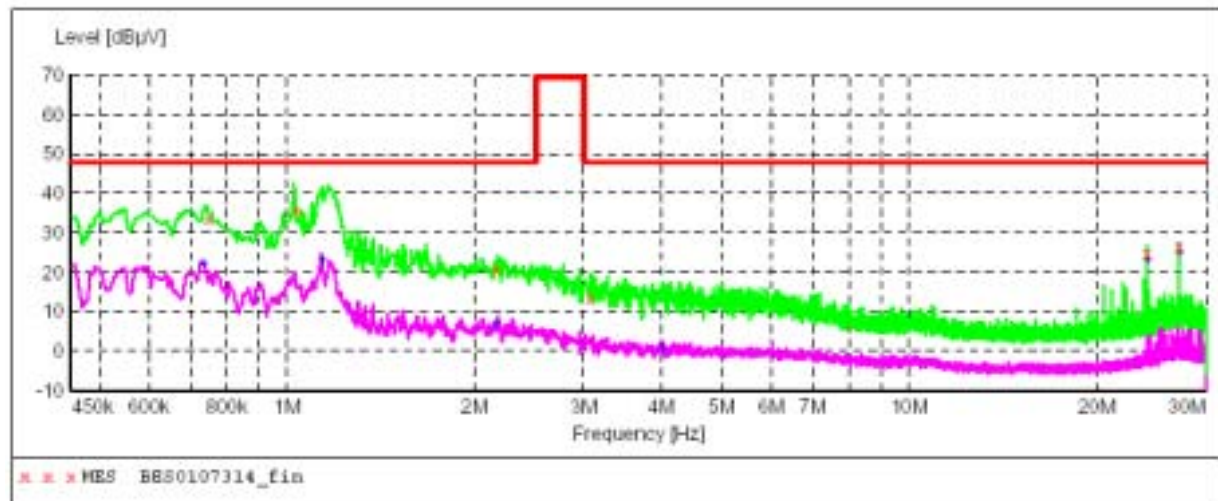
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.496500         | 28.50         | 10.5         | 48            | 19.4         | QP       | 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 S9W  
 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<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PS  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 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 |

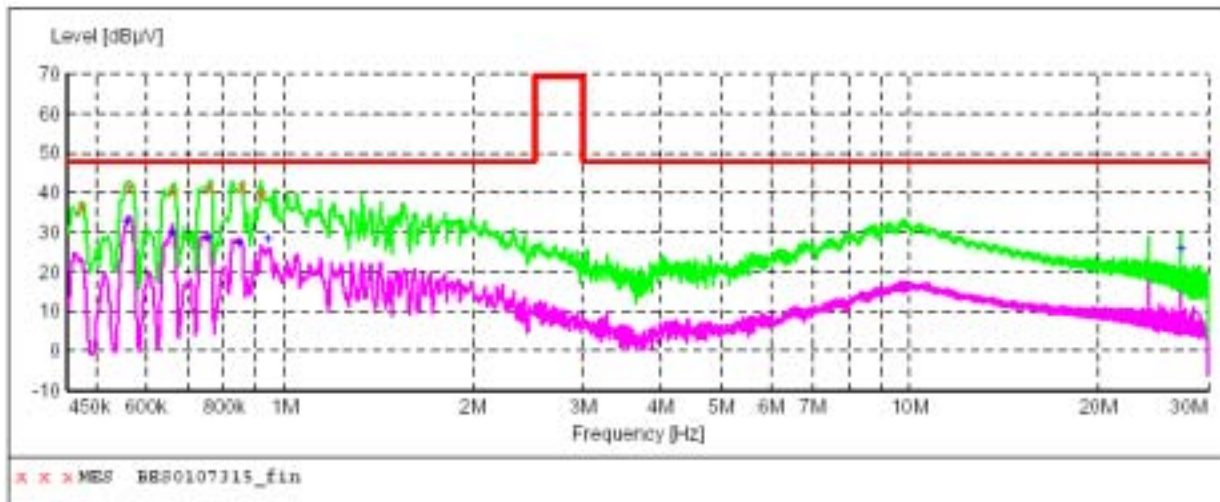


**BEST TEST SERVICE SHENZHEN CO., LTD****Voltage Mains Test FCC PART18**

EUT: CFL M/N: T2 E26 S18W  
Manufacturer: GUIYA  
Operating Condition: ON  
Test Site: 3# 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

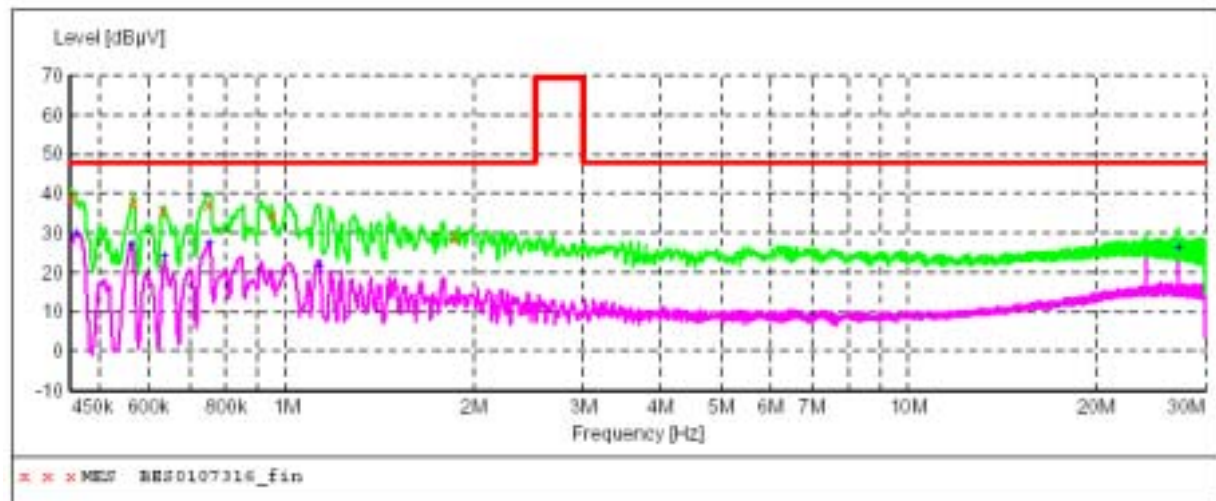
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.474000         | 36.30         | 10.5         | 48            | 11.6         | QP       | 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 S18W  
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

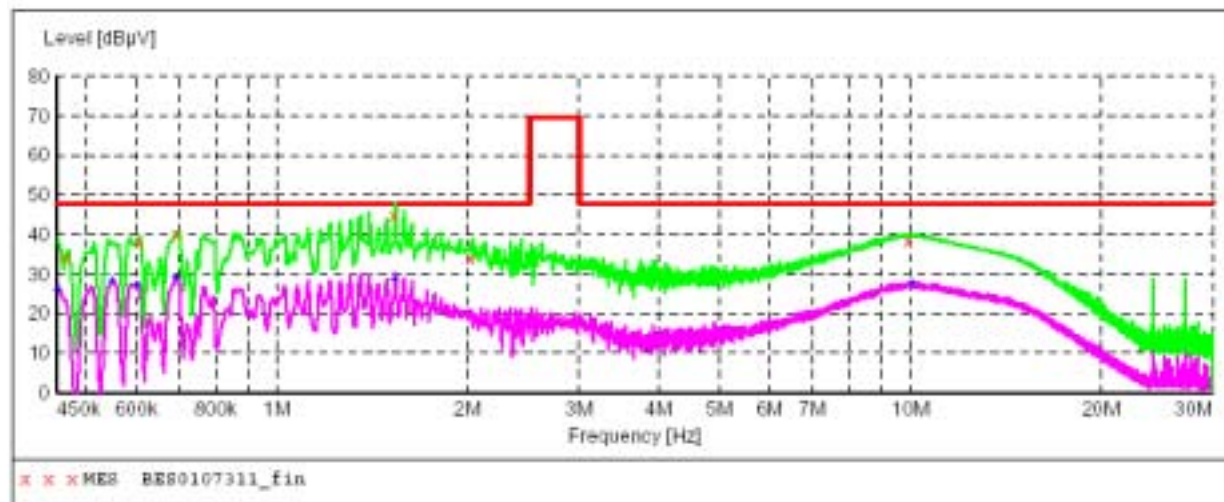
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.451500         | 38.90         | 10.5         | 48            | 9.0          | QP       | 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: 3# SHIELDED ROOM  
Operator: GENE  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 12/8/2008 / 12:28:23AM

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT: "BES0107311\_fin"**

12/8/2008 12:30AM

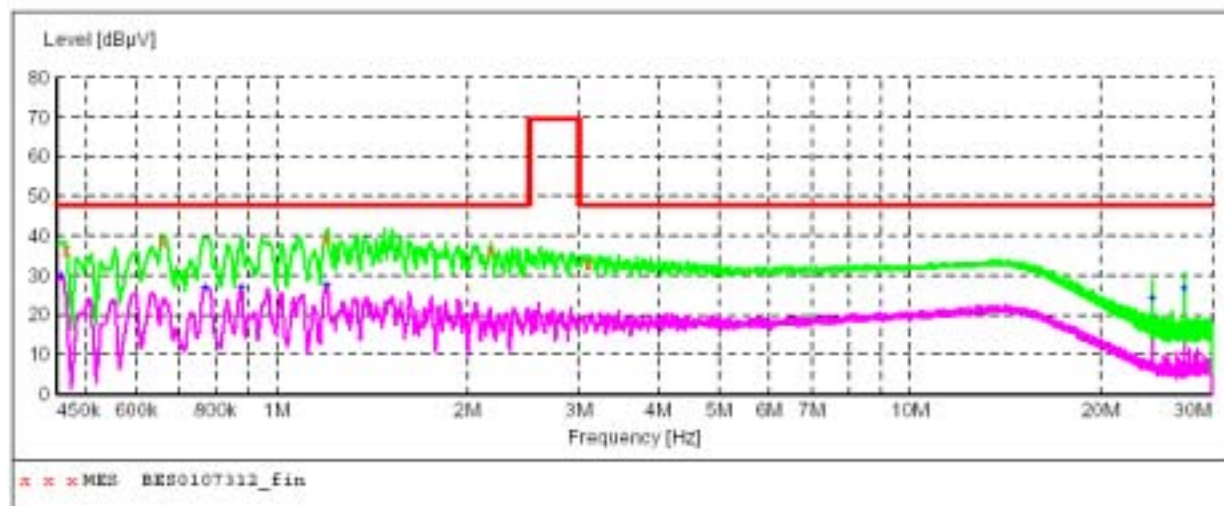
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.465000         | 34.30         | 10.5         | 48            | 13.6         | QP       | 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<br>MHz | Level<br>dBuV | Transd<br>dB | Limit<br>dBuV | Margin<br>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 |

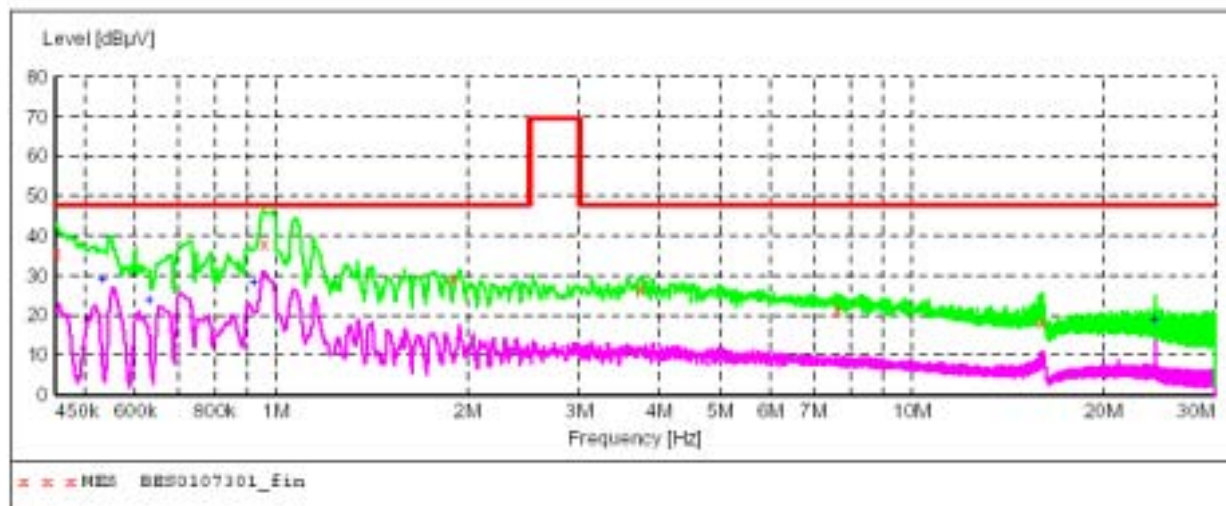


**BEST TEST SERVICE SHENZHEN CO.,LTD****Voltage Mains Test FCC PART18**

EUT: CPL 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 11:18PM

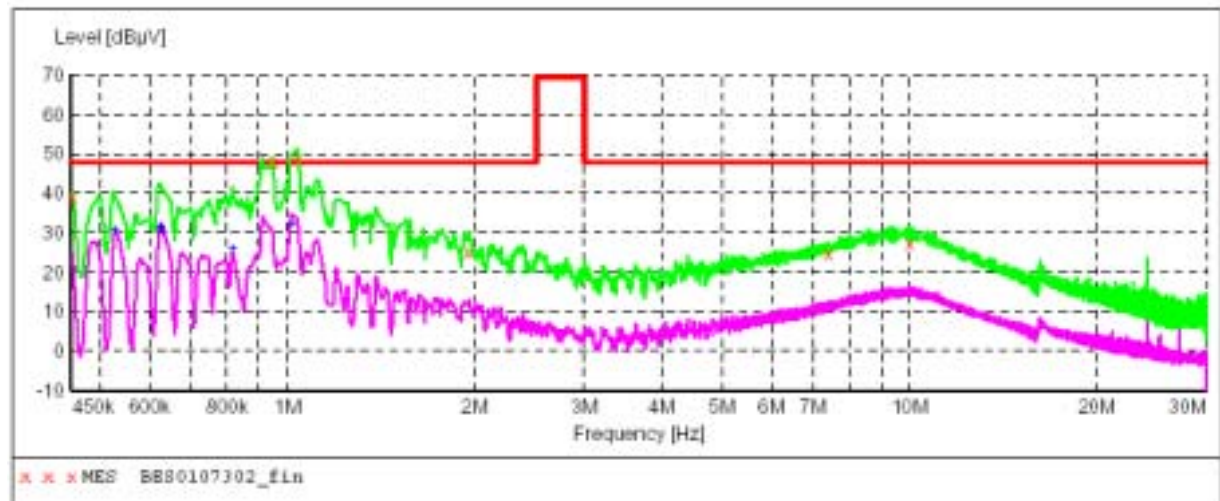
| Frequency<br>MHz | Level<br>dBμV | Transd<br>dB | Limit<br>dBμV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.451500         | 35.50         | 10.5         | 48            | 12.4         | QP       | 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<br>MHz | Level<br>dBuV | Transd<br>dB | Limit<br>dBuV | Margin<br>dB | Detector | Line | PE  |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 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 |