

# FCC PART 18

## EMI MEASUREMENT AND TEST REPORT

For  
**Golo Chang Company Limited**  
4F, No.50-3, San Min Rd., LuChouCity, TaiBei Hsien, Taiwan, R.O.C.

### FCC ID: YRPMIDUEMBASE

Sep 13, 2010

Product Name:	CFL
Model No:	G241327;G241827;G242327;G242627;GU241327;GU241827; GU242627;G261327; G261527;G261827;G262327;G262627;
Sample Received Date:	July 28, 2010
Test Performed Date:	Aug 28, 2010
Test Engineer:	David Zhang <i>David Zhang</i>
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NVLAP LAB CODE 200770-0

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## GENERAL INFORMATION

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

The Golo Chang Company Limited's model G241327; G241827; G242327; G242627; GU241327; GU241827; GU242627; G261327; G261527; G261827; G262327; G262627; or 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	G241327	Electrical Power	13W
Model	G241827	Electrical Power	18W
Model	G242327	Electrical Power	23W
Model	G242627	Electrical Power	26W
Model	GU241327	Electrical Power	13W
Model	GU241827	Electrical Power	18W
Model	GU242627	Electrical Power	26W
Model	G261327	Electrical Power	13W
Model	G261527	Electrical Power	15W
Model	G261827	Electrical Power	18W
Model	G262327	Electrical Power	23W
Model	G262627	Electrical Power	26W

*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 Golo Chang Company Limited. 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.

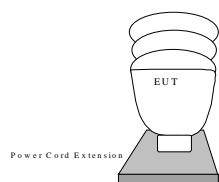
### Schematics / Block Diagram

N/A.

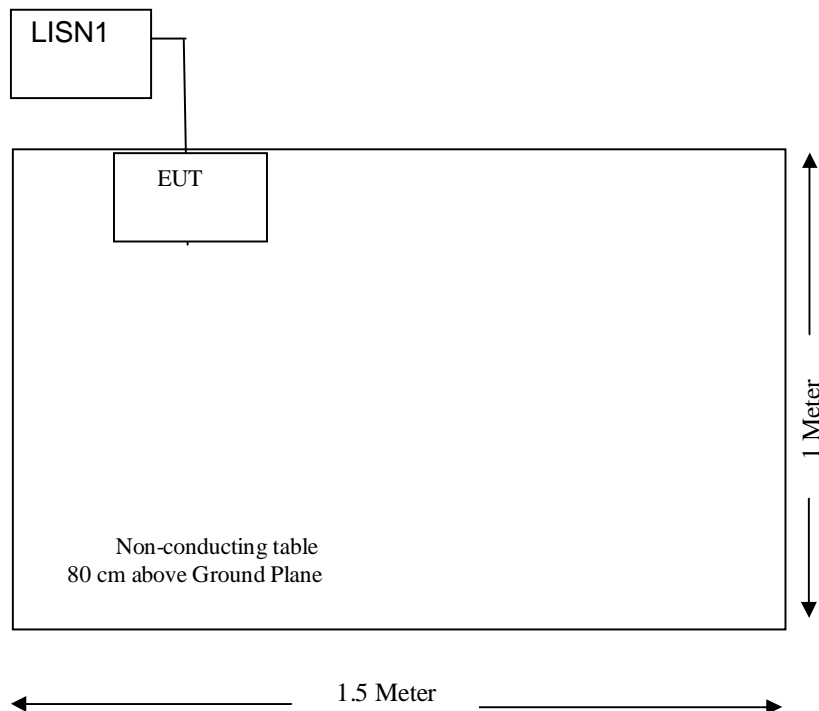
### Equipment Modifications

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).

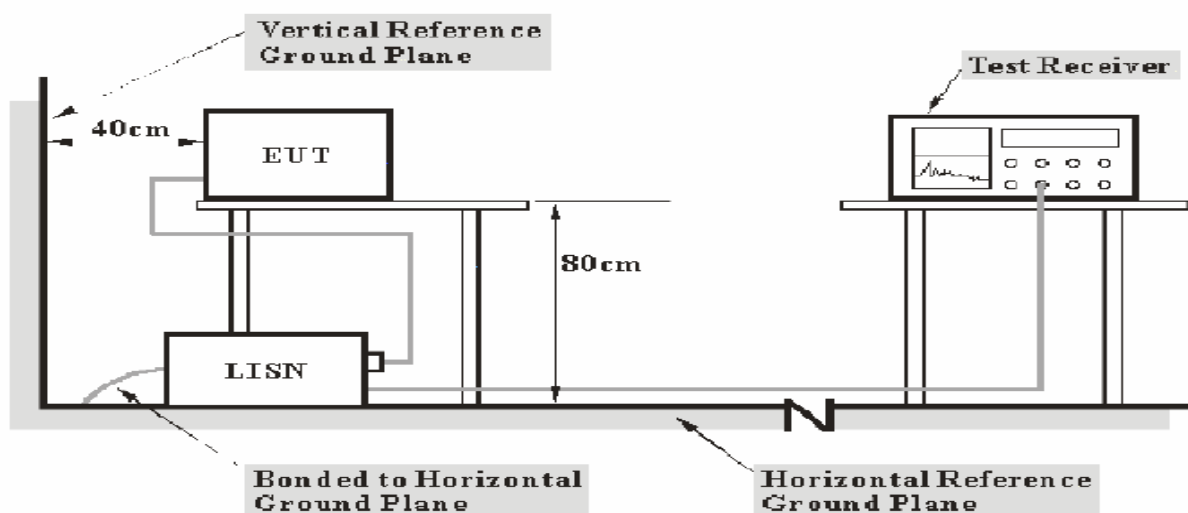
Frequency Range (MHz)	Max RF Voltage ( $\mu$ V)	Max RF Voltage (dB $\mu$ V)
Non-consumer equipment		
0.45 to 1.6	1,000	60.0
1.6 to 30	3,000	69.0
Consumer equipment		
0.45 to 2.51	250	48.0
2.51 to 3.0	3000	69.0
3.0 to 30	250	48.0

### 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	2010-08-05	2011-08-05
ROHDE & SCHWARZ	L.I.S.N	ESH2-Z5	100028	2010-08-05	2011-08-05
ROHDE & SCHWARZ	Pulse Limiter	ESHSZ2	100044	2010-08-05	2011-08-05

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

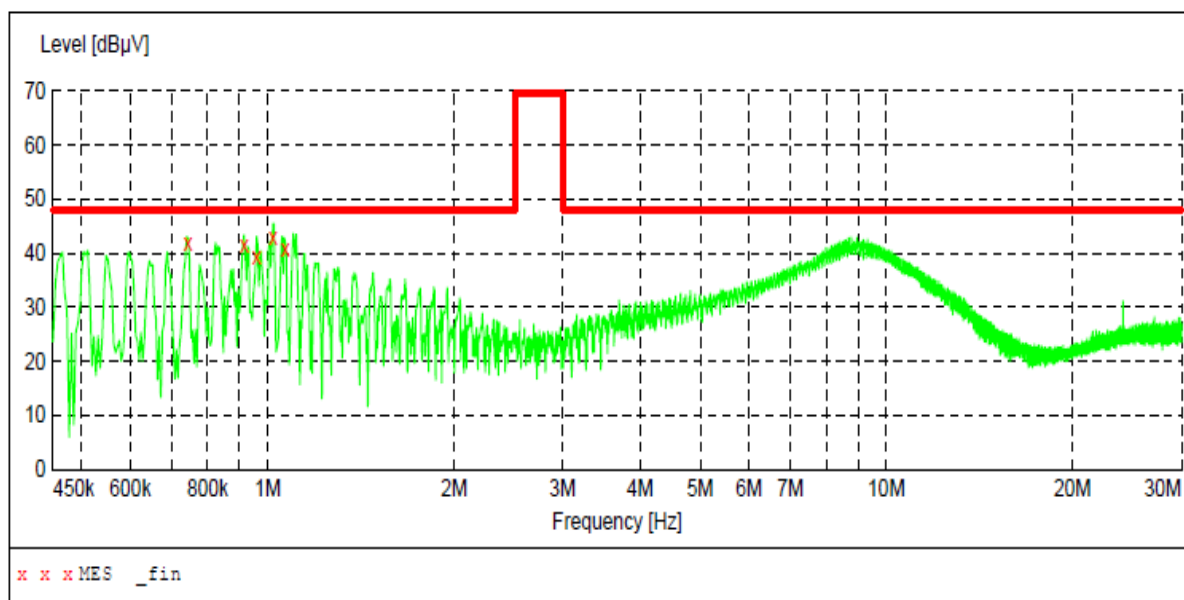
The EUT complied with the FCC 18 Conducted margin for industry, scientific and medical device, and with the worst margin reading of:

**Conducted Emissions Test Data and Plots****BEST TEST SERVICE SHENZHEN CO.,LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:G241327  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

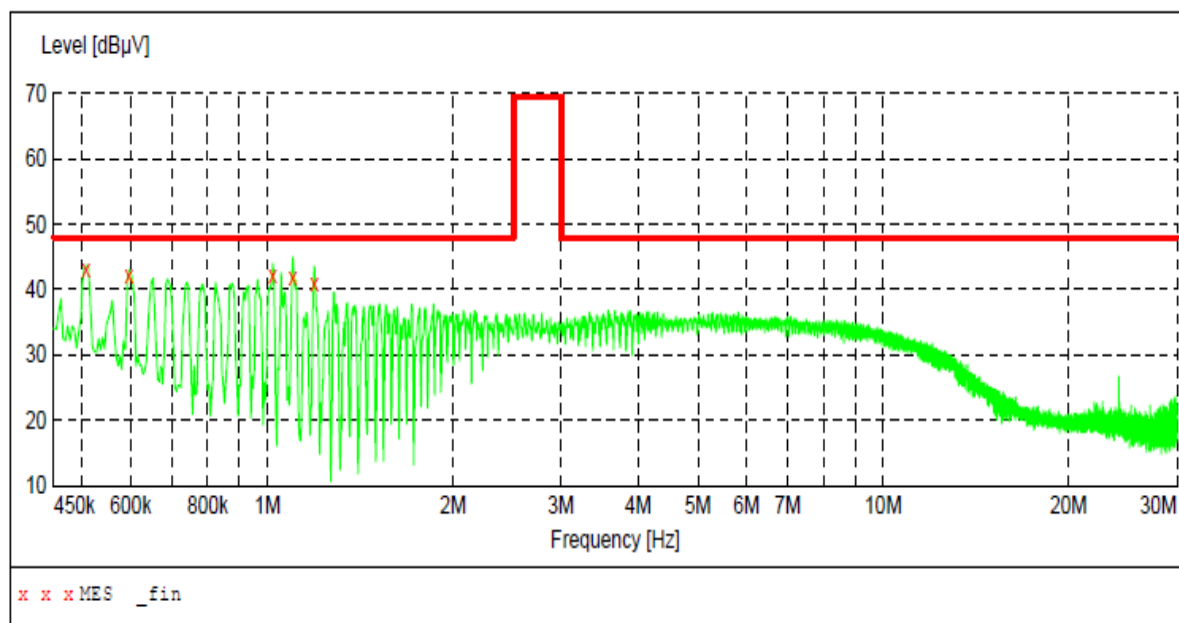
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.744000	42.00	10.4	48	5.9	QP	L1	GND
0.916000	41.50	10.4	48	6.4	QP	L1	GND
0.960000	39.30	10.5	48	8.6	QP	L1	GND
1.020000	42.80	10.5	48	5.1	QP	L1	GND
1.068000	40.80	10.5	48	7.1	QP	L1	GND

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

EUT: CFL M/N:G241327  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	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

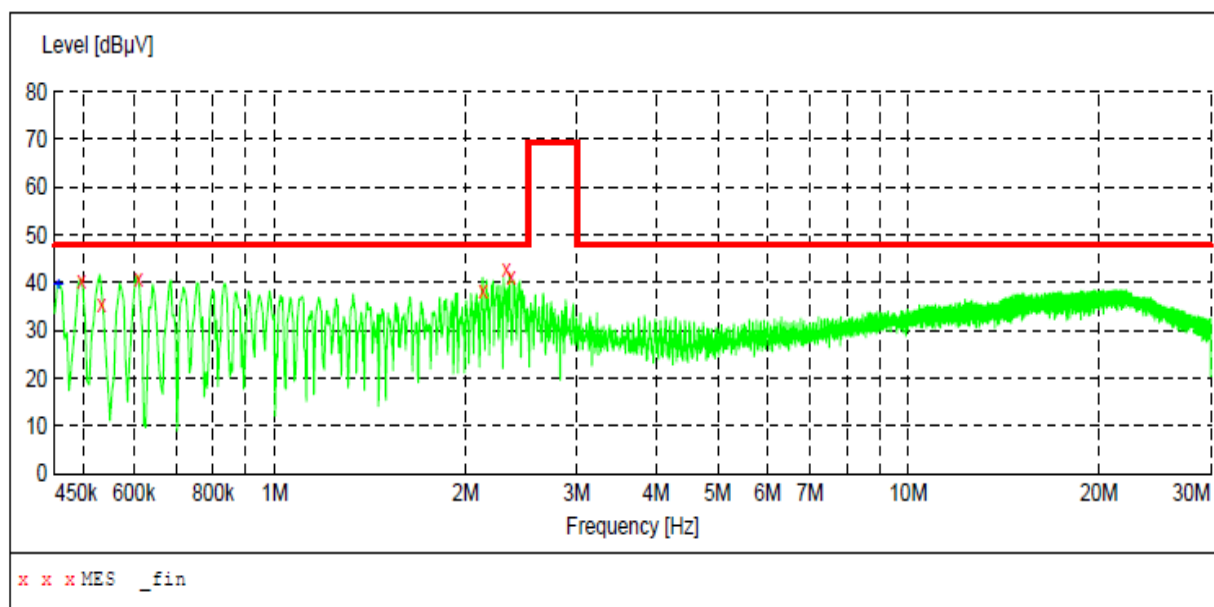


**BEST Test Service Shenzhen Co., Ltd****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:G241827  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

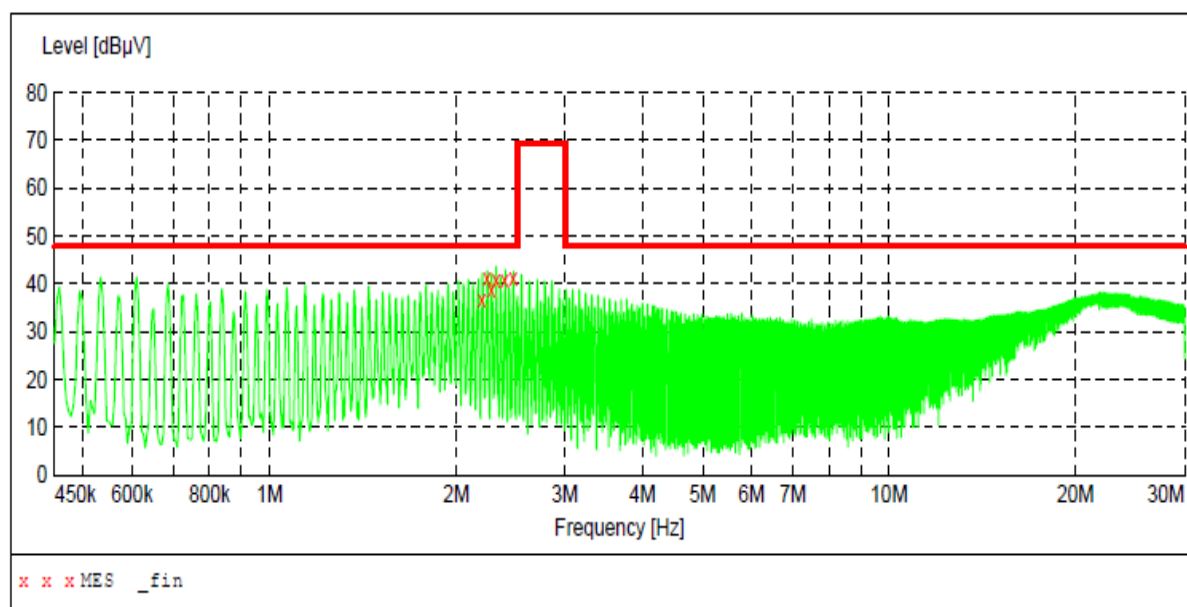
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.496000	40.40	10.1	48	7.5	QP	L1	GND
0.534000	35.50	10.1	48	12.4	QP	L1	GND
0.610000	41.00	10.1	48	6.9	QP	L1	GND
2.132000	38.30	10.2	48	9.6	QP	L1	GND
2.320000	42.80	10.2	48	5.1	QP	L1	GND
2.364000	41.30	10.2	48	6.6	QP	L1	GND

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

EUT: CFL M/N:G241827  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

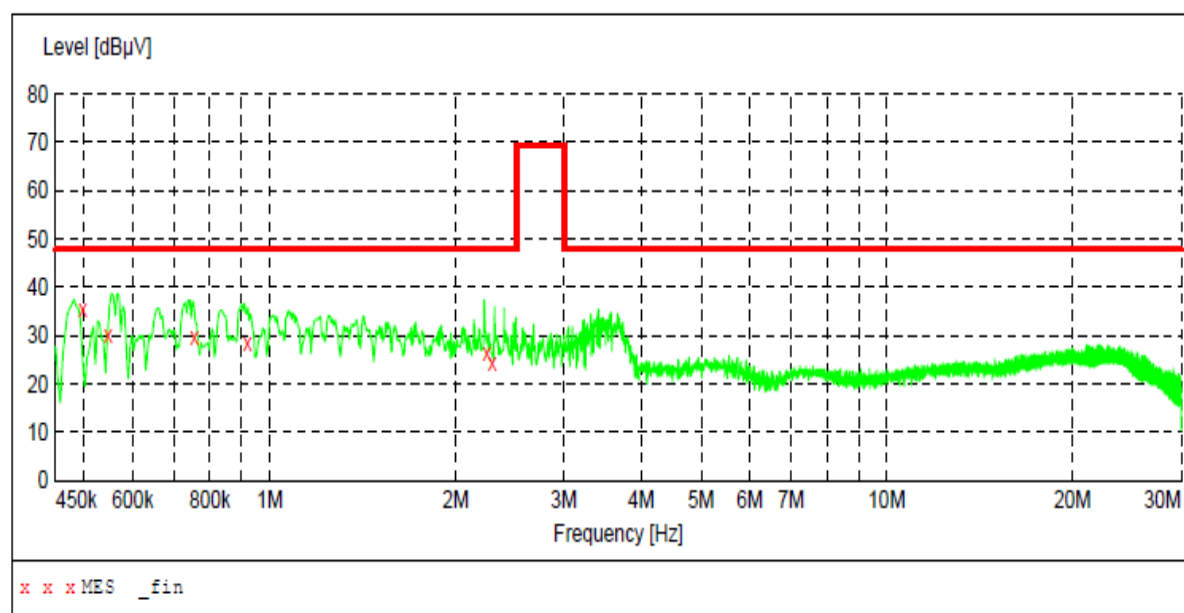
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
2.202000	36.70	10.2	48	11.2	QP	N	GND
2.244000	41.20	10.2	48	6.7	QP	N	GND
2.282000	38.60	10.2	48	9.3	QP	N	GND
2.322000	41.00	10.2	48	6.9	QP	N	GND
2.398000	40.90	10.2	48	7.0	QP	N	GND
2.472000	41.40	10.2	48	6.5	QP	N	GND

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

EUT: CFL M/N:G242327  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

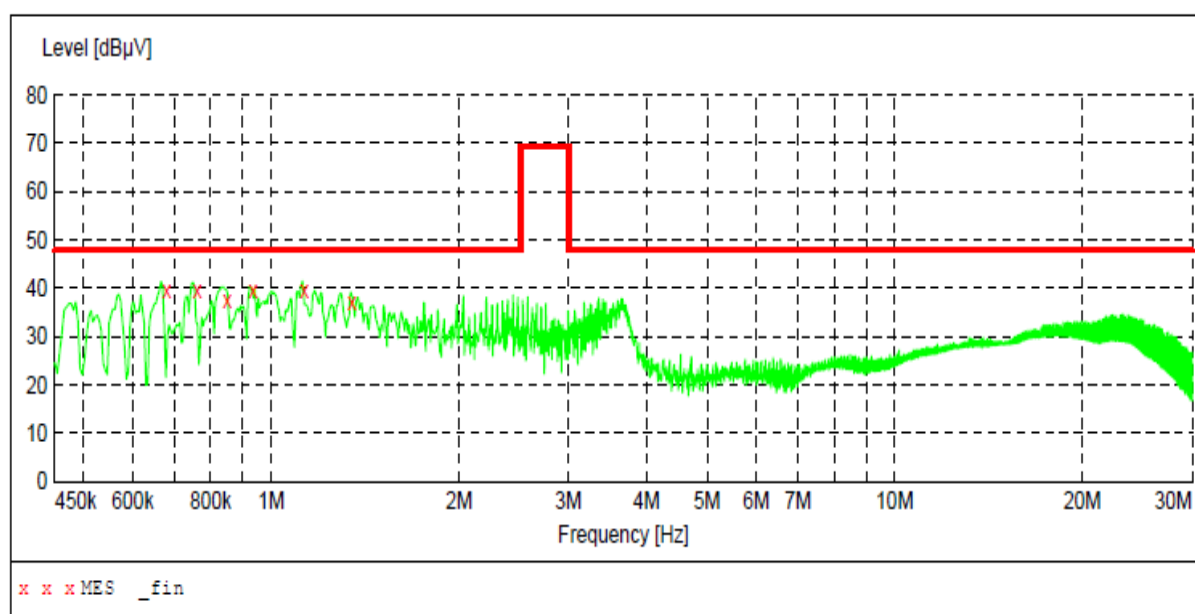
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.498000	35.50	10.1	48	12.4	QP	N	GND
0.548000	30.20	10.1	48	17.7	QP	N	GND
0.756000	29.70	10.1	48	18.2	QP	N	GND
0.920000	28.60	10.1	48	19.3	QP	N	GND
2.248000	26.20	10.2	48	21.7	QP	N	GND
2.296000	24.30	10.2	48	23.6	QP	N	GND

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

EUT: CFL M/N:G242327  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

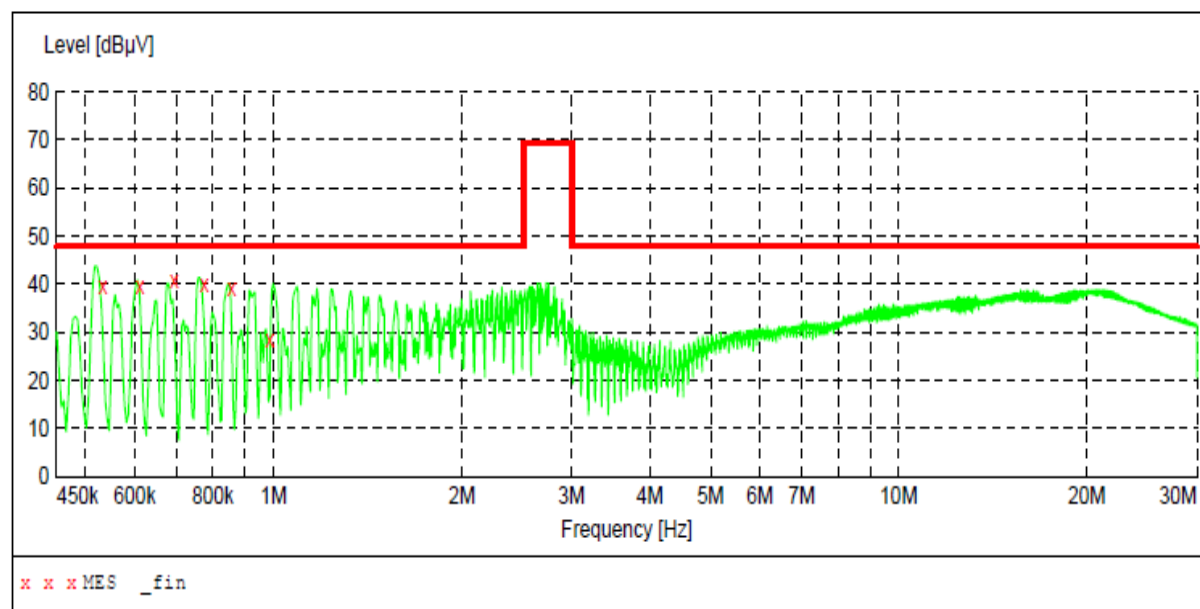
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.680000	39.50	10.1	48	8.4	QP	L1	GND
0.762000	39.70	10.1	48	8.2	QP	L1	GND
0.850000	37.70	10.1	48	10.2	QP	L1	GND
0.936000	39.40	10.1	48	8.5	QP	L1	GND
1.132000	39.40	10.2	48	8.5	QP	L1	GND
1.348000	37.00	10.2	48	10.9	QP	L1	GND

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

EUT: CFL M/N:G242627  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

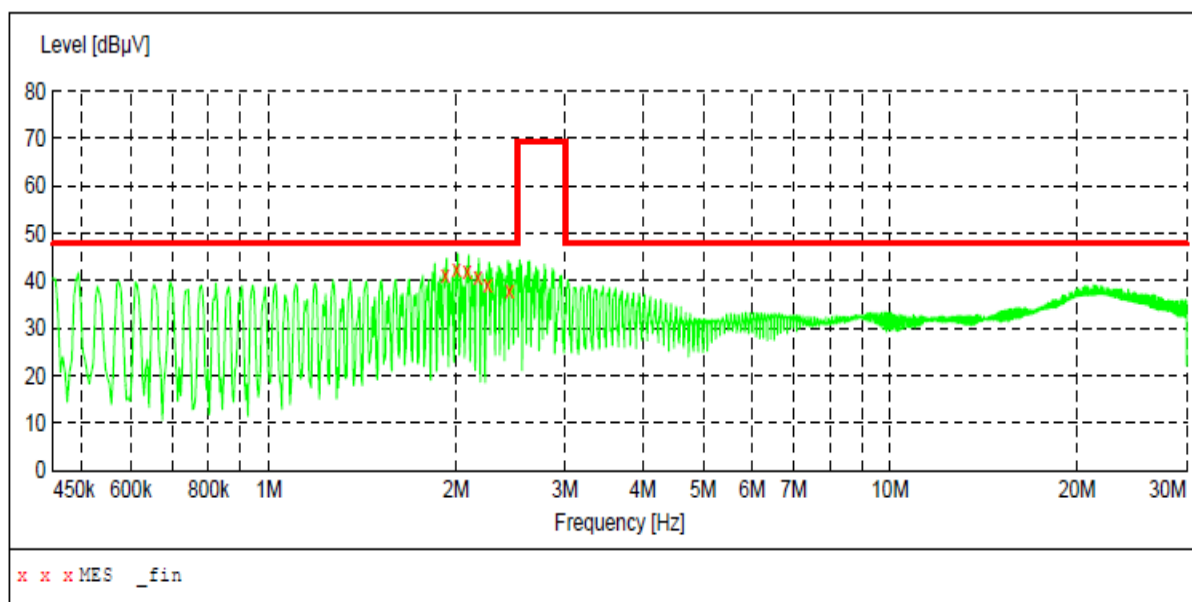
Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.534000	39.70	10.1	48	8.2	QP	L1	GND
0.612000	39.70	10.1	48	8.2	QP	L1	GND
0.694000	40.70	10.1	48	7.2	QP	L1	GND
0.776000	40.10	10.1	48	7.8	QP	L1	GND
0.858000	39.10	10.1	48	8.8	QP	L1	GND
0.986000	28.60	10.2	48	19.3	QP	L1	GND

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

EUT: CFL M/N:G242627  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

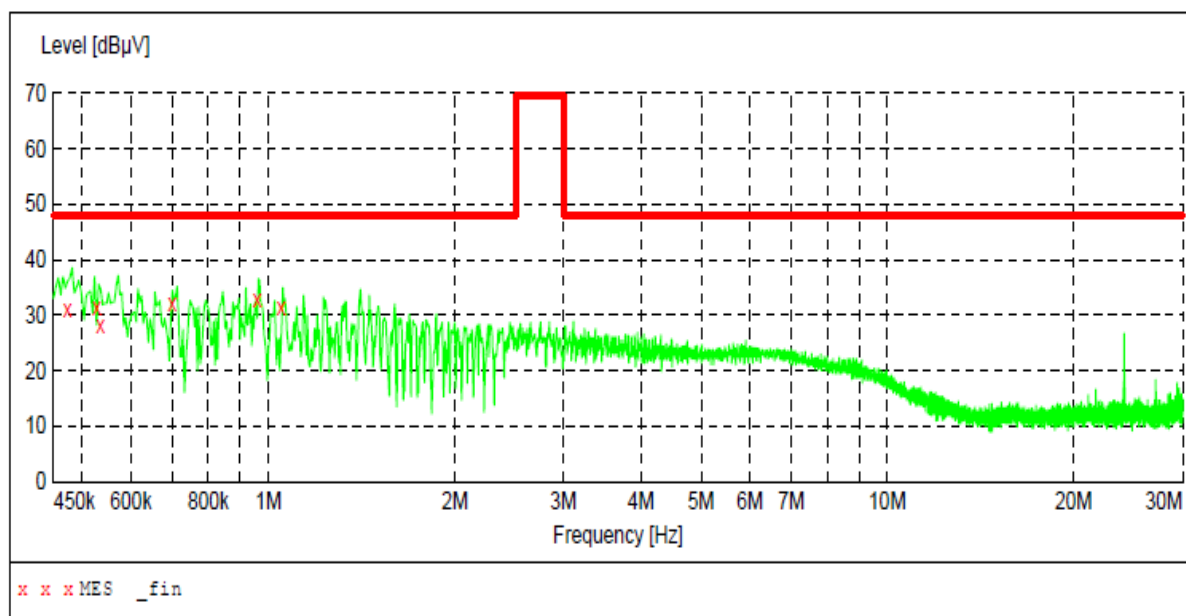
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
1.924000	41.40	10.2	48	6.5	QP	N	GND
2.006000	42.30	10.2	48	5.6	QP	N	GND
2.088000	42.10	10.2	48	5.8	QP	N	GND
2.170000	40.90	10.2	48	7.0	QP	N	GND
2.252000	39.00	10.2	48	8.9	QP	N	GND
2.438000	37.90	10.2	48	10.0	QP	N	GND

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

EUT: CFL M/N:G261327  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

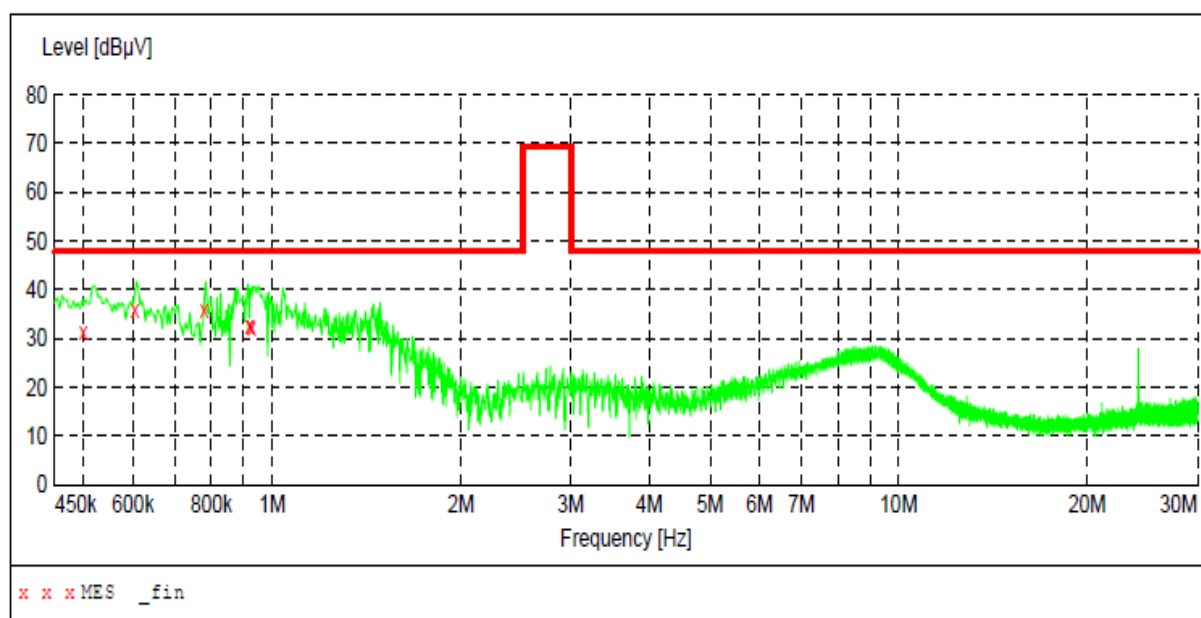
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.474000	30.90	10.4	48	17.0	QP	N	GND
0.528000	31.30	10.4	48	16.6	QP	N	GND
0.536000	28.00	10.4	48	19.9	QP	N	GND
0.700000	32.20	10.4	48	15.7	QP	N	GND
0.960000	32.80	10.5	48	15.1	QP	N	GND
1.048000	31.50	10.5	48	16.4	QP	N	GND

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

EUT: CFL M/N:G261327  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	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

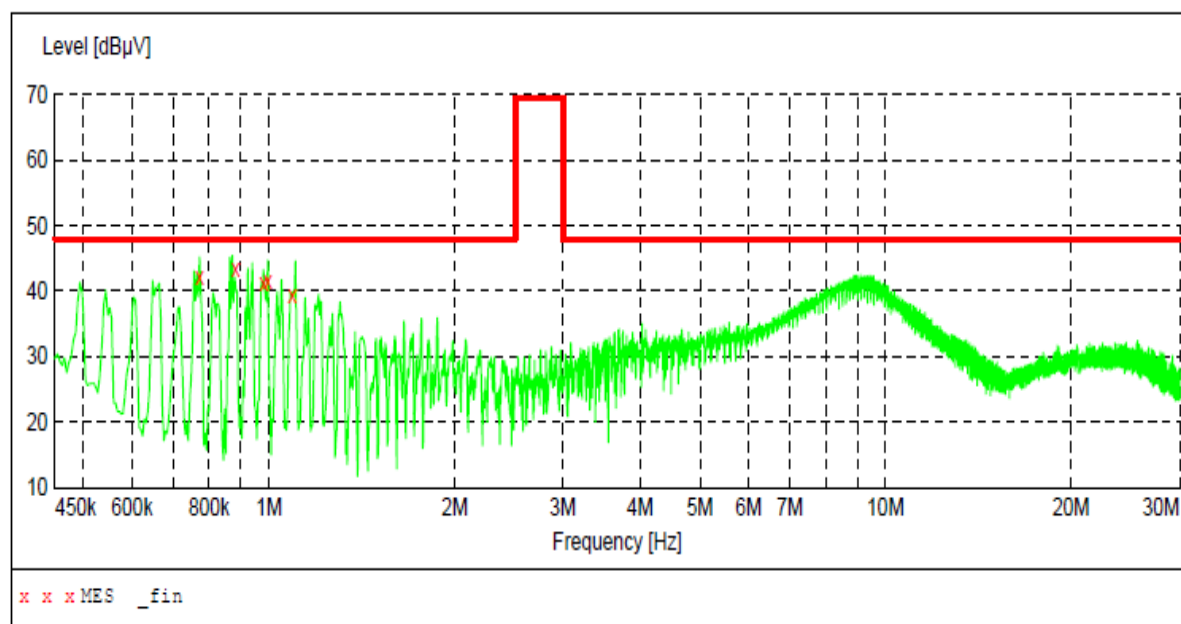


**BEST TEST SERVICE SHENZHEN CO.,LTD****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:G261527  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

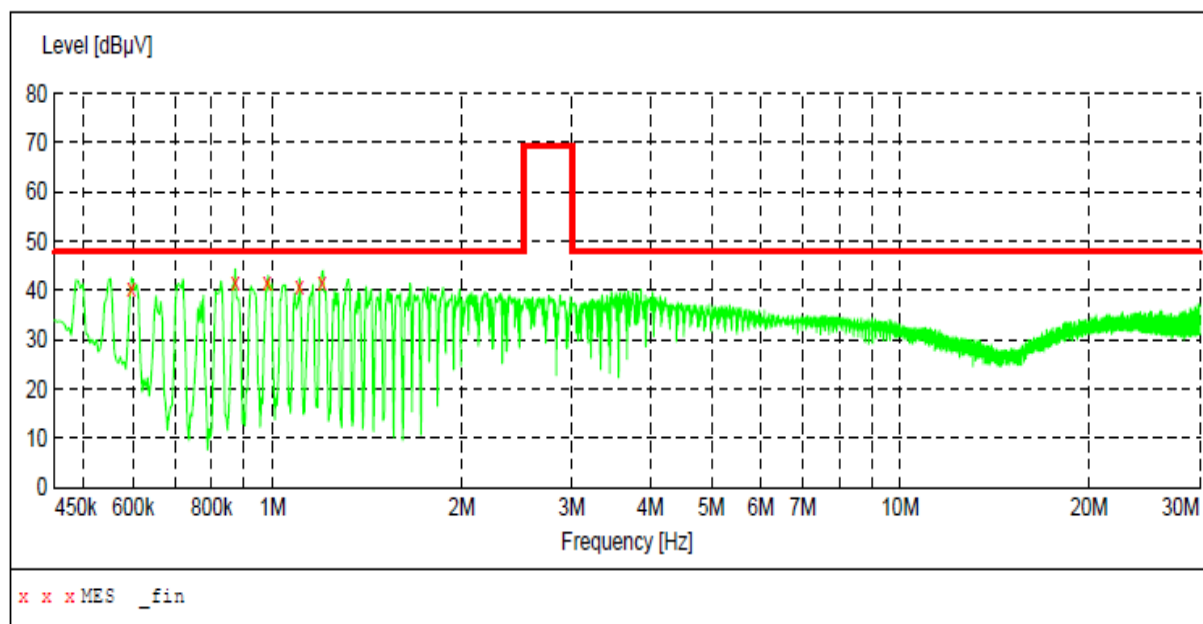
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.772000	42.20	10.4	48	5.7	QP	L1	GND
0.884000	43.40	10.4	48	4.5	QP	L1	GND
0.980000	41.30	10.5	48	6.6	QP	L1	GND
0.996000	41.50	10.5	48	6.4	QP	L1	GND
1.092000	39.50	10.5	48	8.4	QP	L1	GND

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

EUT: CFL M/N:G261527  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

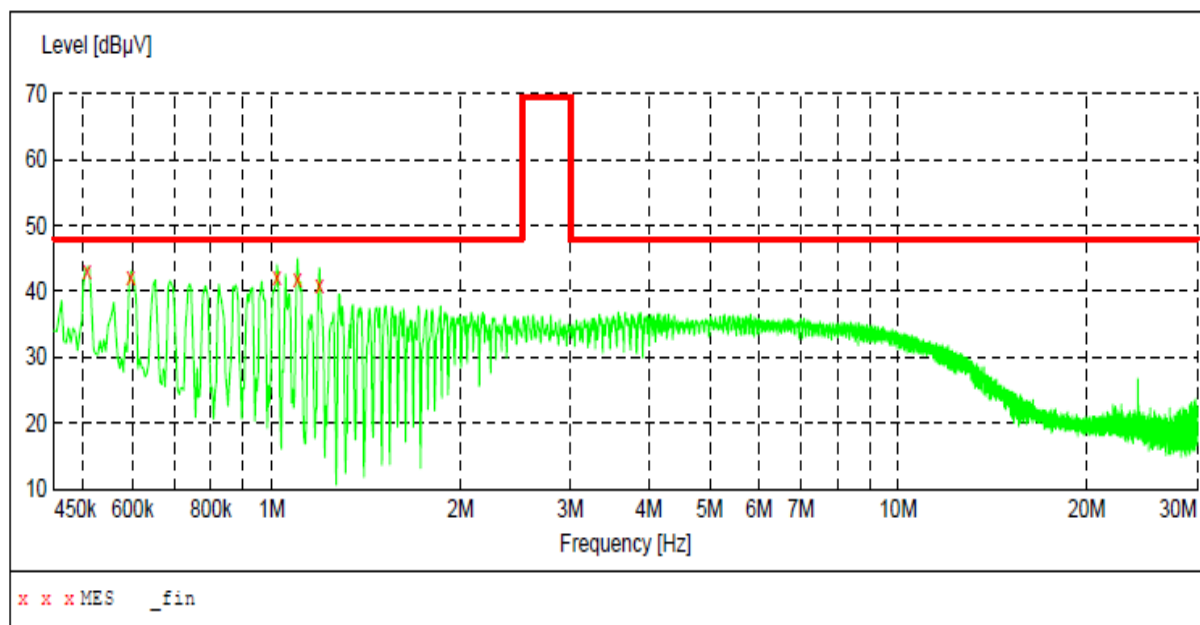
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.596000	40.60	10.4	48	7.3	QP	N	GND
0.872000	41.70	10.4	48	6.2	QP	N	GND
0.980000	41.70	10.5	48	6.2	QP	N	GND
1.104000	40.80	10.5	48	7.1	QP	N	GND
1.200000	41.80	10.5	48	6.1	QP	N	GND

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

EUT: CFL M/N:G261827  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

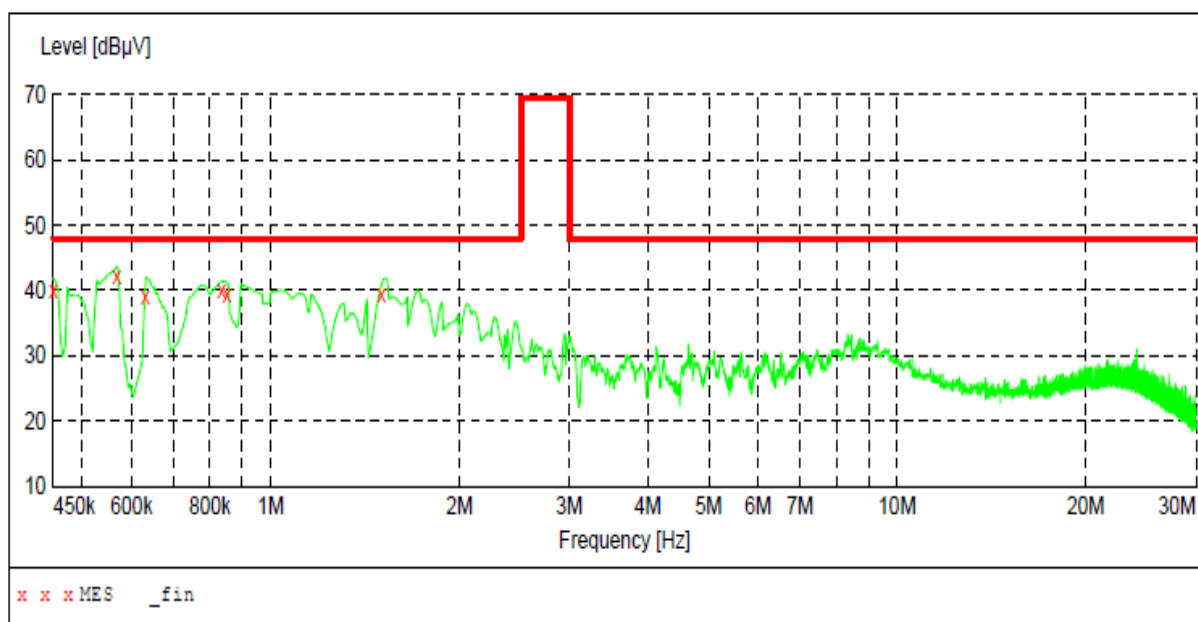
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.508000	43.10	10.4	48	4.8	QP	N	GND
0.596000	42.10	10.4	48	5.8	QP	N	GND
1.020000	42.30	10.5	48	5.6	QP	N	GND
1.100000	41.80	10.5	48	6.1	QP	N	GND
1.192000	40.90	10.5	48	7.0	OP	N	GND

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

EUT: CFL M/N:G261827  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

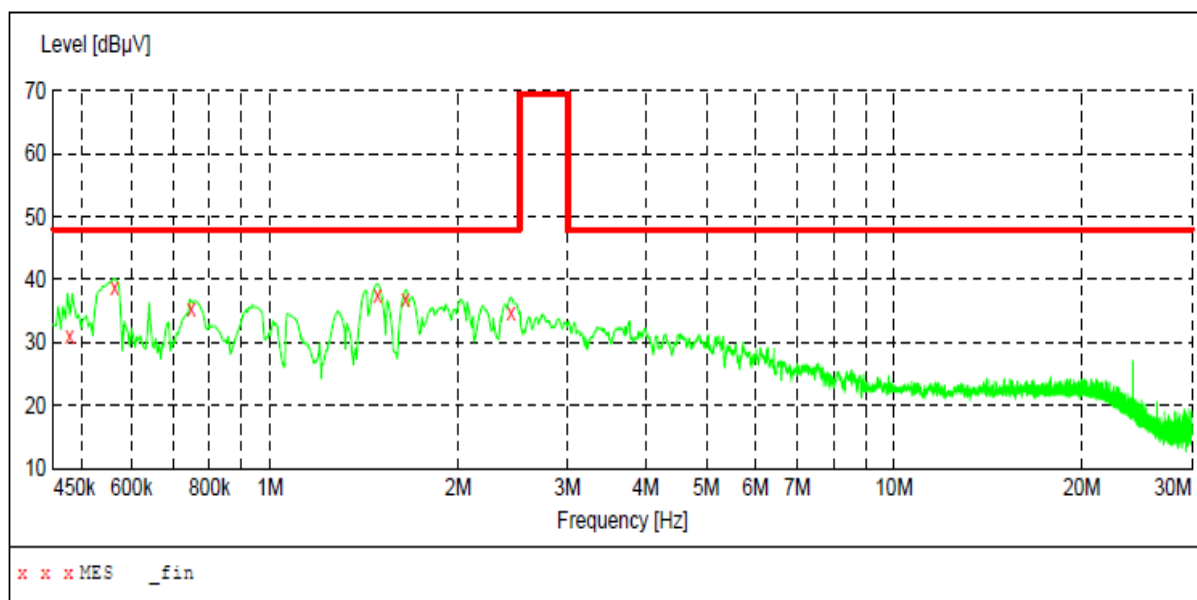
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.450000	40.10	10.5	48	7.8	QP	L1	GND
0.568000	42.10	10.4	48	5.8	QP	L1	GND
0.632000	39.00	10.4	48	8.9	QP	L1	GND
0.836000	40.00	10.4	48	7.9	QP	L1	GND
0.852000	39.40	10.4	48	8.5	QP	L1	GND
1.504000	39.40	10.6	48	8.5	QP	L1	GND

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

EUT: CFL M/N:G262327  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

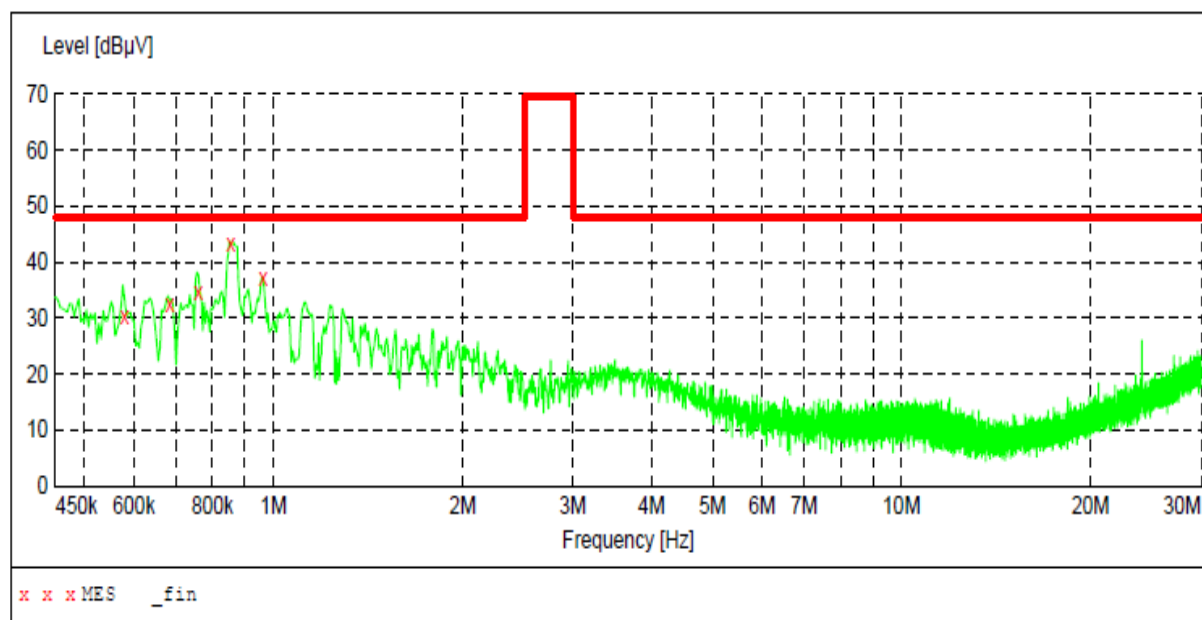
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.478000	31.10	10.4	48	16.8	QP	L1	GND
0.564000	38.90	10.4	48	9.0	QP	L1	GND
0.748000	35.30	10.4	48	12.6	QP	L1	GND
1.488000	37.40	10.6	48	10.5	QP	L1	GND
1.648000	36.80	10.6	48	11.1	QP	L1	GND
2.432000	34.80	10.6	48	13.1	QP	L1	GND

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

EUT: CFL M/N:G262327  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

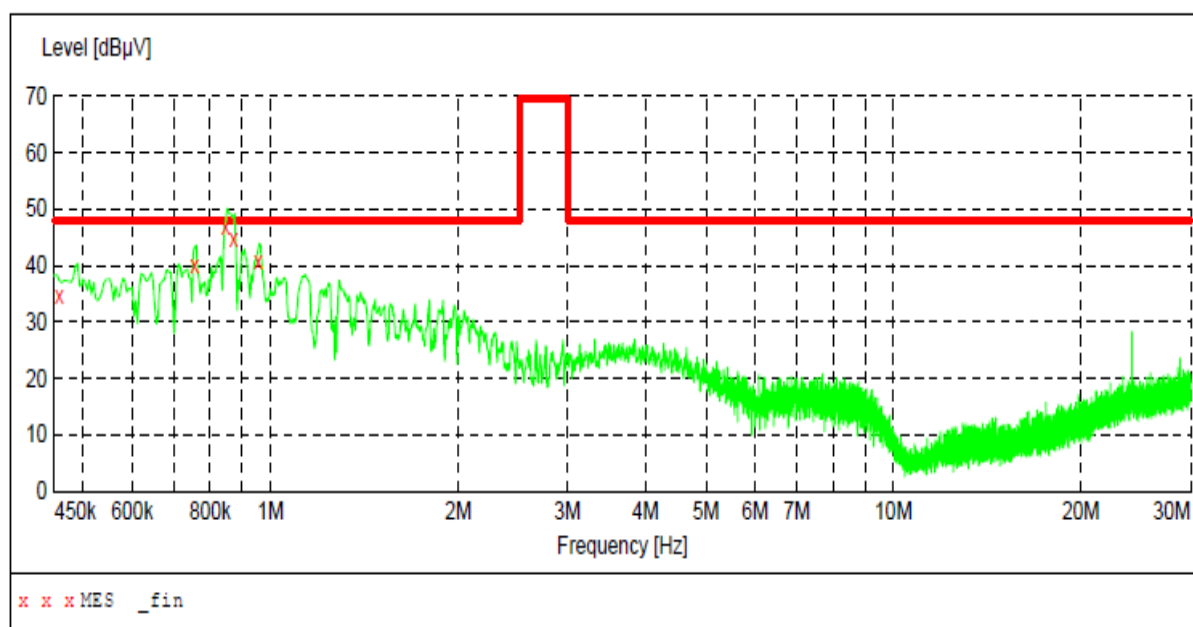
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.580000	30.20	10.4	48	17.7	QP	N	GND
0.684000	32.60	10.4	48	15.3	QP	N	GND
0.760000	34.50	10.4	48	13.4	QP	N	GND
0.856000	43.40	10.4	48	4.5	QP	N	GND
0.964000	37.10	10.5	48	10.8	QP	N	GND

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

EUT: CFL M/N:G262627  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

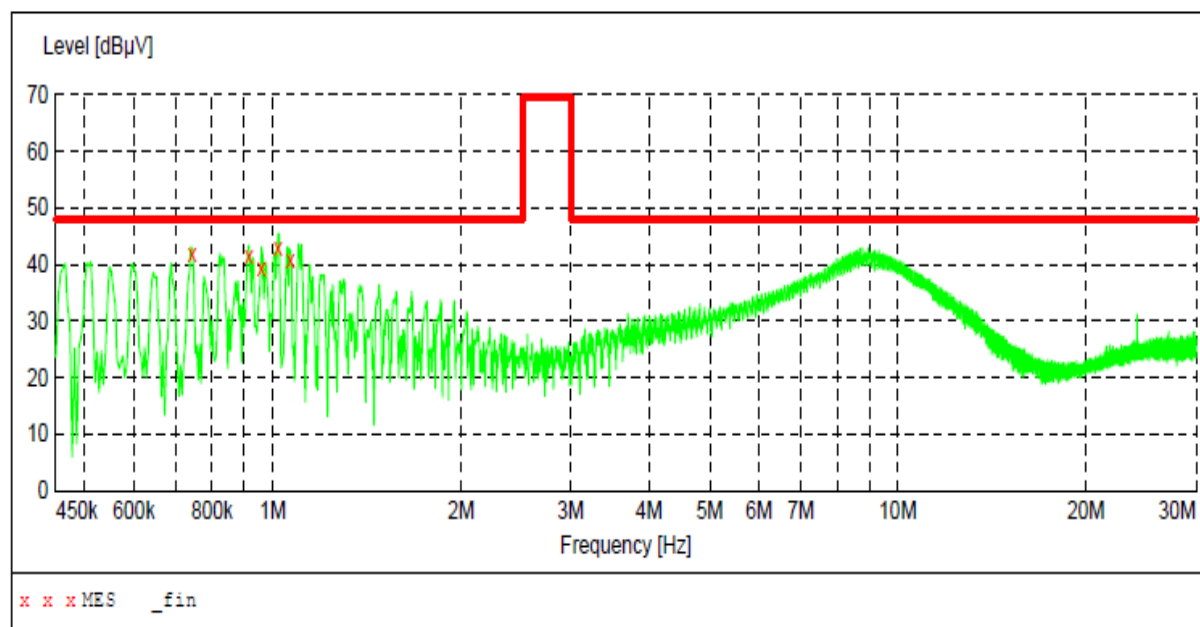
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.458000	34.50	10.5	48	13.4	QP	L1	GND
0.756000	40.20	10.4	48	7.7	QP	L1	GND
0.848000	47.00	10.4	48	0.9	QP	L1	GND
0.872000	44.70	10.4	48	3.2	QP	L1	GND
0.956000	40.90	10.5	48	7.0	QP	L1	GND

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

EUT: CFL M/N:G262627  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: 3# SHIELDED ROOM  
Operator: BYRON  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

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

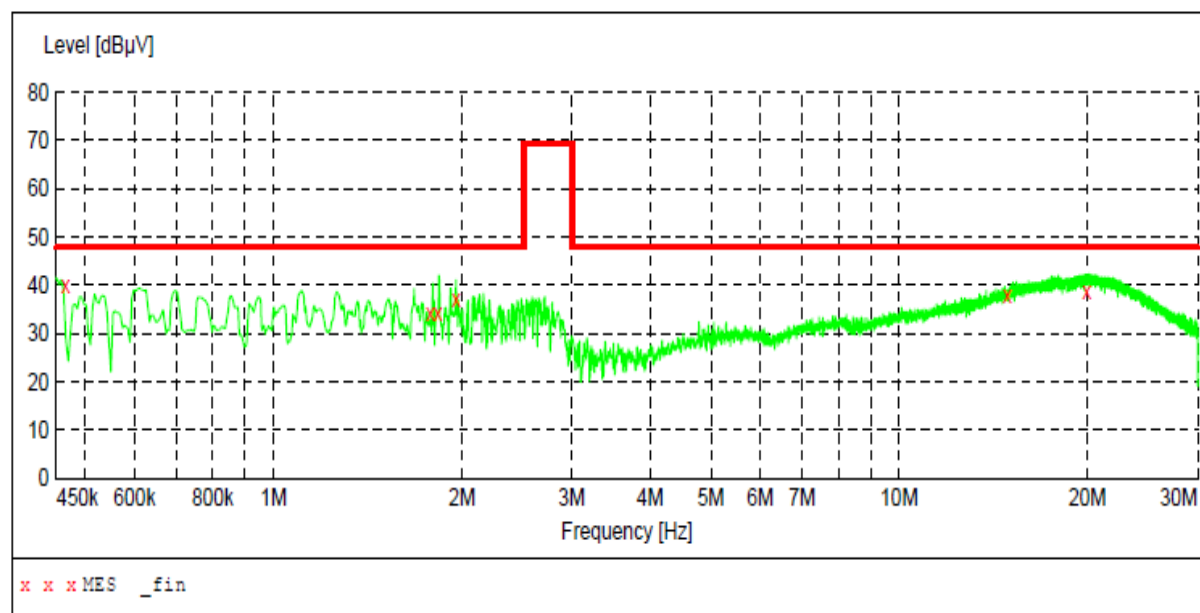


**BEST Test Service Shenzhen Co., Ltd****Voltage Mains Test FCC PART 18**

EUT: CFL M/N:GU241327  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

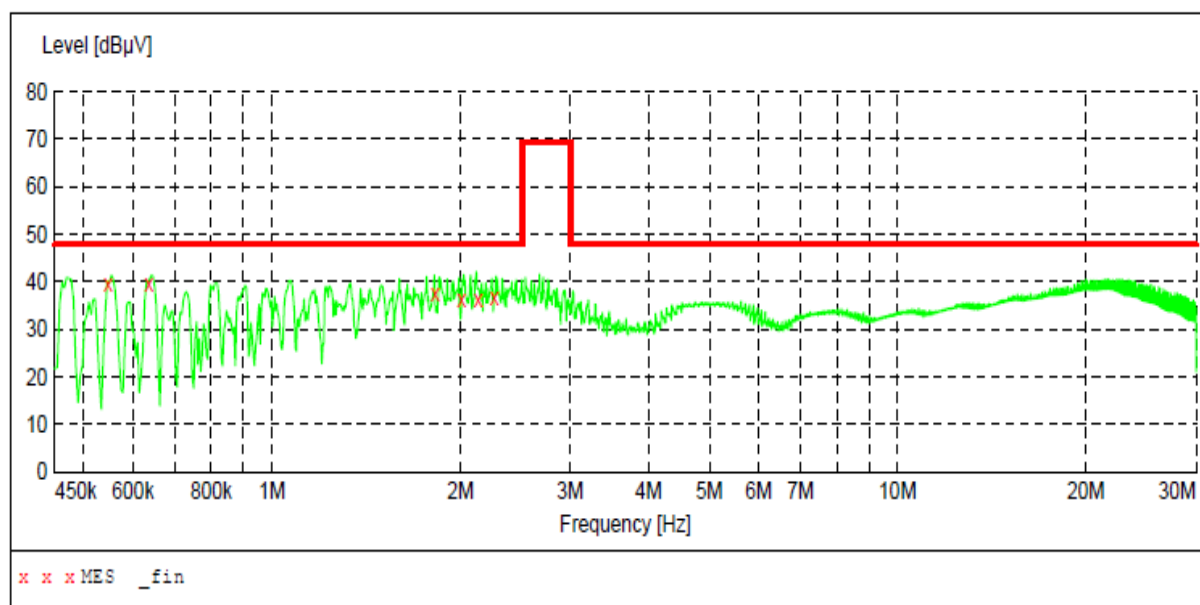
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.466000	39.90	10.1	48	8.0	QP	L1	GND
1.782000	34.30	10.2	48	13.6	QP	L1	GND
1.832000	34.40	10.2	48	13.5	QP	L1	GND
1.958000	37.20	10.2	48	10.7	QP	L1	GND
14.876000	37.90	10.6	48	10.0	QP	L1	GND
19.952000	38.80	11.1	48	9.1	QP	L1	GND

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

EUT: CFL M/N:GU241327  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

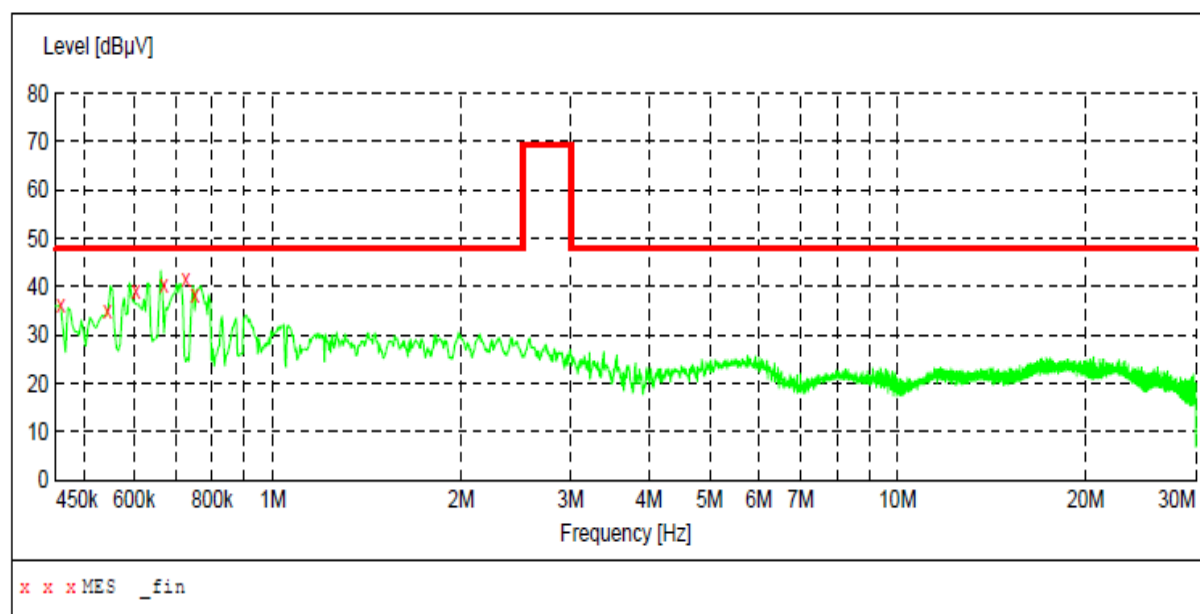
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.548000	39.80	10.1	48	8.1	QP	N	GND
0.636000	39.40	10.1	48	8.5	QP	N	GND
1.826000	37.70	10.2	48	10.2	QP	N	GND
2.012000	36.20	10.2	48	11.7	QP	N	GND
2.136000	36.50	10.2	48	11.4	QP	N	GND
2.266000	36.70	10.2	48	11.2	QP	N	GND

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

EUT: CFL M/N:GU241827  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

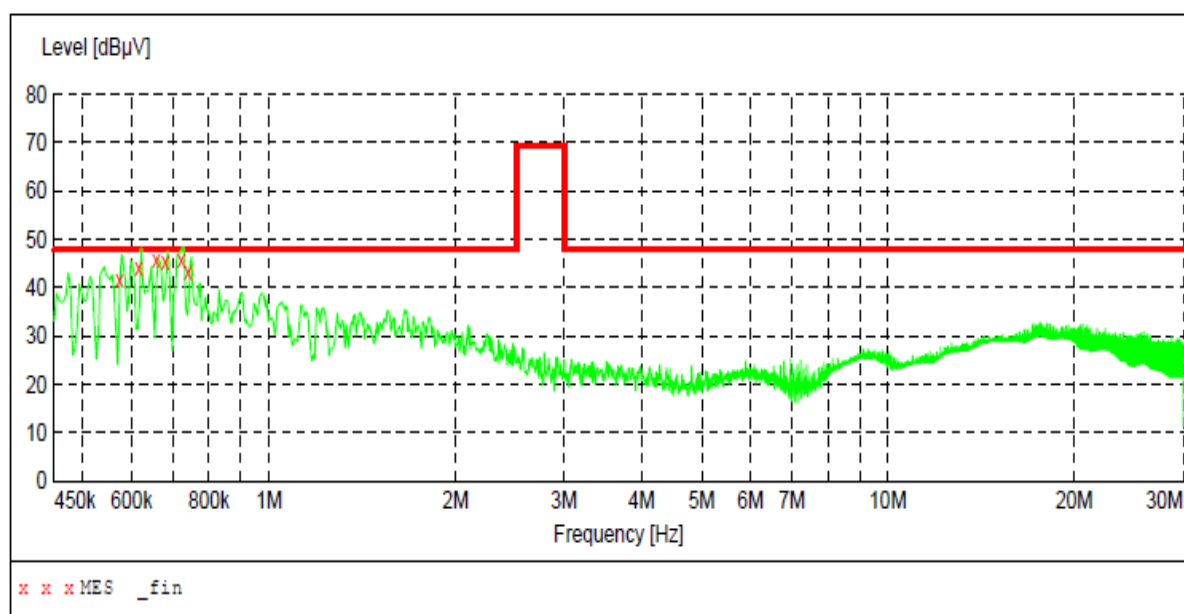
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.458000	36.40	10.1	48	11.5	QP	N	GND
0.544000	35.20	10.1	48	12.7	QP	N	GND
0.604000	39.30	10.1	48	8.6	QP	N	GND
0.670000	40.60	10.1	48	7.3	QP	N	GND
0.726000	41.50	10.1	48	6.4	QP	N	GND
0.752000	38.30	10.1	48	9.6	QP	N	GND

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

EUT: CFL M/N:GU241827  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

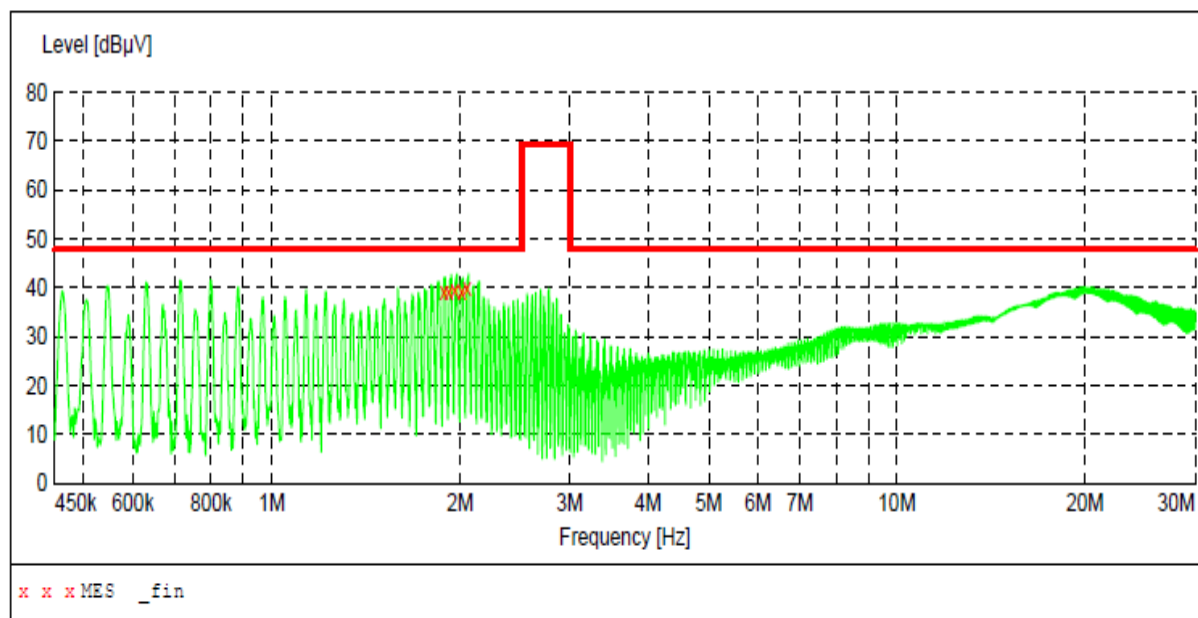
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.574000	41.80	10.1	48	6.1	QP	L1	GND
0.616000	44.10	10.1	48	3.8	QP	L1	GND
0.658000	45.70	10.1	48	2.2	QP	L1	GND
0.680000	45.30	10.1	48	2.6	QP	L1	GND
0.722000	45.90	10.1	48	2.0	QP	L1	GND
0.740000	43.40	10.1	48	4.5	QP	L1	GND

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

EUT: CFL M/N:GU242627  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

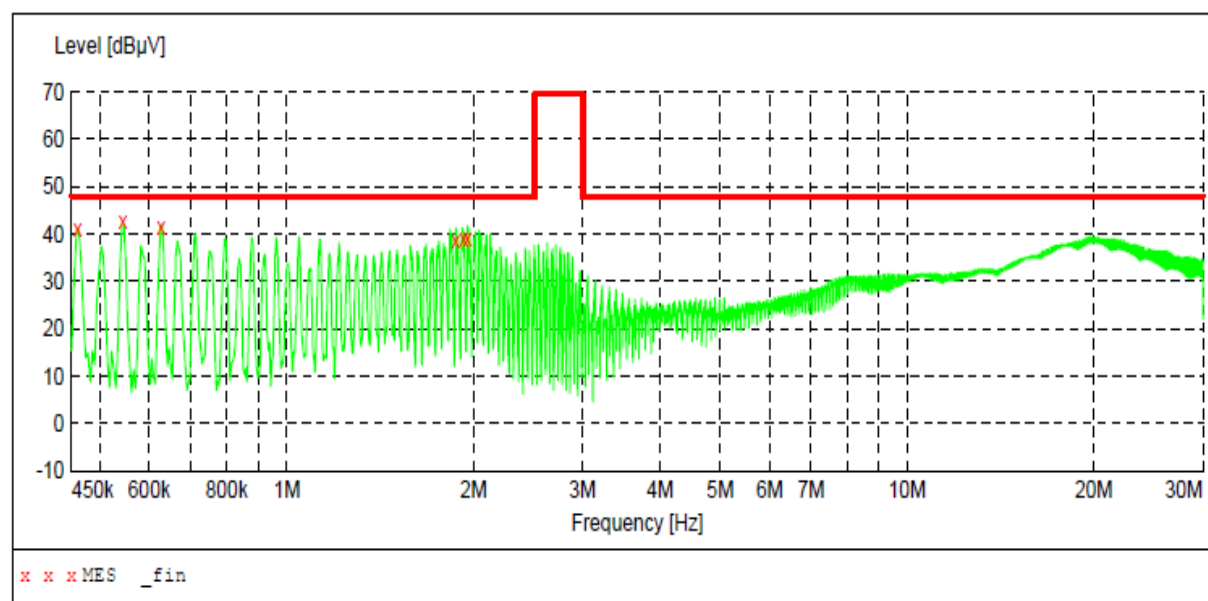
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
1.888000	39.00	10.2	48	8.9	QP	L1	GND
1.920000	39.20	10.2	48	8.7	QP	L1	GND
1.962000	39.50	10.2	48	8.4	QP	L1	GND
2.014000	39.00	10.2	48	8.9	QP	L1	GND
2.056000	40.00	10.2	48	7.9	QP	L1	GND

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

EUT: CFL M/N:GU242627  
Manufacturer: GOLO  
Operating Condition: ON  
Test Site: SHIELDED ROOM  
Operator: Paul  
Test Specification: AC 120V/60Hz  
Comment:  
Start of Test: 8/28/2010

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

Short Description: 150K-30M Voltage

**MEASUREMENT RESULT:**

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	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