Application for FCC Certificate
On Behalf of
Zhejiang YanKon Group Co., Ltd.

Energy Saving Lamp

Model No.: FE20 15W FE20 20W FE20 23W FE20 26W(25W)
FE63 15W FE63 20W FE63 23W FE63 26W(25W)
FE77 15W FE77 20W FE77 23W FE77 26W(25W)
FE105 15W FE105 20W
FE105 23W FE105 26W(25W)

FCC ID : MM20209

Prepared For : Zhejiang YanKon Group Co., Ltd.
No.129 Feng Shan Road, Shang Yu City,
Zhejiang, China

Prepared By : Audix Technology (Shanghai) Co., Ltd.
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Report No. : ACI-F01066
Date of Test : Sept 02 - 04, 2001
Date of Report : Sept 07, 2001

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TEST REPORT FOR FCC CERTIFICATE

Applicant : Zhejiang YanKon Group Co., Ltd.

Manufacturer : Zhejiang YanKon Group Co., Ltd.

EUT Description : Energy Saving Lamp

(A) Model No.: (B) Serial No.:

(A)	(B)	(A)	(B)
FE20 15W	E083123	FE77 15W	E083127
FE20 20W	E083124	FE77 20W	E083128
FE20 23W	E083125	FE77 23W	E083129
FE20 26W(25W)	E083126	FE77 26W(25W)	E083130
FE63 15W	E083119	FE105 15W	E083116
FE63 20W	E083122	FE105 20W	E083115
FE63 23W	E083120	FE105 23W	E083117
FE63 26W(25W)	E083121	FE105 26W(25W)	E083118

(C) Power Supply: 120V/60Hz

Test Procedure Used:

FCC RULES AND REGULATIONS PART 18 CONSUMER DEVICES (2000) AND MP-5/1986

The device described above is tested by Audix Technology (Shanghai) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 18 RF Lighting Device limits both conducted emissions and field strength.

The test results are contained in this test report and Audix Technology (Shanghai) Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the FCC official limits.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shanghai) Co., Ltd.

This report must not be used by the applicant to claim product endorsement by NVLAP or any agency of the U.S. Government.

Date of Test : Sept 02 - 04, 2001

Prepared by : LOUISE LU (Assistant)

Test Engineer : SOLON GONG 2001.9.12 (Engineer)

For and on behalf of AUDIX TECHNOLOGY (SHANGHAI) CO.,LTD.

Reviewer : BYRON KWO (Supervisor)

Approved Signatory : ALEX CHIU (Assistant Manager)

1 GENERAL INFORMATION

1.1 Description of Equipment Under Test

Description : Energy Saving Lamp

Type of EUT : ☑ Production ☐ Pre-product ☐ Pro-type

Model Number : FE20 15W, FE20 20W, FE20 23W, FE20 26W(25W)
FE63 15W, FE63 20W, FE63 23W, FE63 26W(25W)
FE77 15W, FE77 20W, FE77 23W, FE77 26W(25W)
FE105 15W, FE105 20W, FE105 23W, FE105 26W(25W)

(The models of FE63 series and FE105 series have been tested. The models of FE20, FE63, FE77 series are similar except the tubes. All the models of FE20 series and FE77 series are tested, but only the data of FE63 15W, FE63 23W, FE63 26W(25W), FE105 15W, FE105 23W, FE105 26W(25W) are reported.)

Applicant : Zhejiang YanKon Group Co., Ltd.

No.129 Feng Shan Road, Shang Yu City, Zhejiang, China

Manufacturer : Zhejiang YanKon Group Co., Ltd.

Tong Jiang Road, Shang Yu City, Zhejiang, China

M/N	INPUT POWER (VA)	OUTPUT POWER (W)
FE20 15W	25.2	14.5
FE20 20W	39.6	20.4
FE20 23W	41.8	22.2
FE20 26W(25W)	46.2	24.1
FE63 15W	25.8	14.2
FE63 20W	39.8	20.4
FE63 23W	40.6	21.8
FE63 26W(25W)	46.7	24.5
FE77 15W	25.6	14.7
FE77 20W	38.9	20.2
FE77 23W	41.5	22.0
FE77 26W(25W)	45.7	23.9
FE105 15W	27.4	16.0
FE105 20W	36.9	19.8
FE105 23W	43.9	23.8
FE105 26W(25W)	50.3	26.8

1.2 Description of Test Facility

Site Description (Semi-Anechoic Chamber)	:	Sept. 17, 1998 file on Federal Communications Commission FCC Engineering Laboratory 7435 Oakland Mills Road Columbia, MD 21046, USA
Name of Firm	:	Audix Technology (Shanghai) Co., Ltd.
Site Location	:	3 F 34 Bldg 680 Guiping Rd, Caohejing Hi-Tech Park, Shanghai, China 200233
NVLAP Lab Code	:	200371-0

1.3 Measurement Uncertainty

Conducted Emission Uncertainty : U = 2.66dB

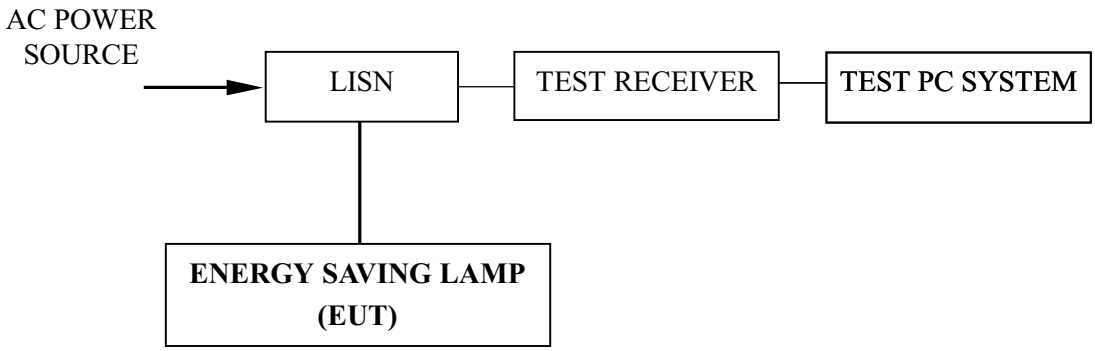
2 AC POWERLINE CONDUCTED EMISSION TEST

2.1 Test Equipment

The following test equipment are used during the powerline conducted emission test in a shielded room:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESHS10	844077/020	Apr 24, 2001	1 Year
2.	Line Impedance Stabilization Network (LISN)	Kyoritsu	KNW-407	8-1280-5	May 08, 2001	1 Year

2.2 Block Diagram of Test Setup



—— : SIGNAL LINE
—— : POWER LINE

2.3 Conducted Emission Limits

Frequency (MHz)	Maximum RF Line Voltage	
	(μV)	dB(μV)
0.45 ~ 2.51	250	48
2.51 ~ 3	3000	70
3 ~ 30	250	48
NOTE 1 – RF Line Voltage dB(μV) = 20 log RF Line Voltage (μV)		

2.4 Test Configuration

The EUT (listed in Sec.1.1) was installed as shown on Sec.2.2 to meet FCC requirement and operating in a manner which tends to maximize its emission level in a normal application.

2.5 Operating Condition of EUT

The EUT was connected to the power mains through a Line Impedance Stabilization Network (LISN). This provided a 50 ohm coupling impedance for the measuring equipment.

Both sides of AC line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed or manipulated according to MP-5/1986 during conducted emission test.

The bandwidth of Test Receiver ESHS10 was set at 10 kHz.

The frequency range from 450 kHz to 30 MHz was checked. The test mode (ON) was done on conducted emission test and the test results of the highest emissions are listed in Sec.2.7.

2.6 Test Procedures

2.6.1 Setup the EUT as shown in Sec.2.2.

2.6.2 Turn on the power of all equipment.

2.6.3 The EUT will be operated normally.

2.7 Test Results

< PASS >

The frequency and amplitude of the highest AC powerline conducted emissions relative to the limit is reported. All emissions not reported below are too low against the prescribed limits.

EUT	:	Energy Saving Lamp	Temperature :	23℃
Model No.	:	FE63 15W	Humidity :	53%
Test Mode	:	ON	Date of Test :	Sept 02, 2001

Test Line	Frequency (MHz)	Factor (dB)	Meter Reading dB(μV)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)
VA	**0.450**	**0.33**	**41.39**	**41.72**	**48.00**	**6.28**
	0.510	0.31	39.82	40.13	48.00	7.87
	0.584	0.30	39.81	40.11	48.00	7.89
	0.824	0.28	39.70	39.98	48.00	8.02
	1.012	0.27	39.77	40.04	48.00	7.96
	1.207	0.27	37.73	38.00	48.00	10.00
VB	0.450	0.33	40.30	40.63	48.00	7.37
	0.515	0.31	39.12	39.43	48.00	8.57
	0.702	0.29	38.31	38.60	48.00	9.40
	0.892	0.28	38.05	38.33	48.00	9.67
	0.999	0.27	33.79	34.06	48.00	13.94
	1.078	0.27	35.99	36.26	48.00	11.74

NOTE 1 – Emission Level = Meter Reading + Factor
NOTE 2 – Factor = Insertion Loss + Cable Loss
NOTE 3 – All reading are Quasi-Peak Values.
NOTE 4 – The worst emission is detected at 0.450 MHz with corrected signal level of 41.72 dB(μV) (limit is 48.00 dB(μV)), when the VA of the EUT is connected to LISN.

TEST ENGINEER: Solon Gong (SOLON GONG)

EUT	:	Energy Saving Lamp	Temperature :	23℃	
Model No.	:	FE63 23W	Humidity	:	53%
Test Mode	:	ON	Date of Test	:	Sept 02, 2001

Test Line	Frequency (MHz)	Factor (dB)	Meter Reading dB(μV)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)
VA	0.471	0.32	41.31	41.63	48.00	6.37
	0.523	0.31	38.45	38.76	48.00	9.24
	0.557	**0.30**	**43.12**	**43.42**	**48.00**	**4.58**
	0.604	0.30	39.06	39.36	48.00	8.64
	0.665	0.29	40.37	40.66	48.00	7.34
	0.723	0.29	40.62	40.91	48.00	7.09
VB	0.475	0.32	42.29	42.61	48.00	5.39
	0.579	0.30	40.29	40.59	48.00	7.41
	0.614	0.30	38.58	38.88	48.00	9.12
	0.648	0.29	39.62	39.91	48.00	8.09
	0.754	0.29	39.61	39.90	48.00	8.10
	0.907	0.28	37.57	37.85	48.00	10.15

NOTE 1 – Emission Level = Meter Reading + Factor
NOTE 2 – Factor = Insertion Loss + Cable Loss
NOTE 3 – All reading are Quasi-Peak Values.
NOTE 4 – The worst emission is detected at 0.557 MHz with corrected signal level of 43.42 dB(μV) (limit is 48.00 dB(μV)), when the VA of the EUT is connected to LISN.

TEST ENGINEER: Solon Gong (SOLON GONG)

EUT	:	Energy Saving Lamp	Temperature :	23℃	
Model No.	:	FE63 26W(25W)	Humidity :	53%	
Test Mode	:	ON	Date of Test :	Sept 02, 2001	

Test Line	Frequency (MHz)	Factor (dB)	Meter Reading dB(μV)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)
VA	0.483	0.32	37.16	37.48	48.00	10.52
	0.523	0.31	35.59	35.90	48.00	12.10
	0.567	0.30	36.61	36.91	48.00	11.09
	0.627	0.30	36.60	36.90	48.00	11.10
	0.673	0.29	36.92	37.21	48.00	10.79
	0.696	0.29	35.23	35.52	48.00	12.48
VB	0.483	0.32	35.52	35.84	48.00	12.16
	0.535	0.31	33.77	34.08	48.00	13.92
	0.562	0.30	36.71	37.01	48.00	10.99
	0.614	0.30	34.82	35.12	48.00	12.88
	0.668	**0.29**	**37.96**	**38.25**	**48.00**	**9.75**
	0.824	0.28	36.56	36.84	48.00	11.16

NOTE 1 – Emission Level = Meter Reading + Factor
NOTE 2 – Factor = Insertion Loss + Cable Loss
NOTE 3 – All reading are Quasi-Peak Values.
NOTE 4 – The worst emission is detected at 0.668 MHz with corrected signal level of 38.25 dB(μV) (limit is 48.00 dB(μV)), when the VB of the EUT is connected to LISN.

TEST ENGINEER: Solon Gong (SOLON GONG)

EUT	:	Energy Saving Lamp	Temperature :	23℃	
Model No.	:	FE105 15W	Humidity :	53%	
Test Mode	:	ON	Date of Test :	Sept 02, 2001	

Test Line	Frequency (MHz)	Factor (dB)	Meter Reading dB(μV)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)
VA	0.481	0.32	34.25	34.57	48.00	13.43
	0.574	0.30	34.89	35.19	48.00	12.81
	0.736	0.29	35.25	35.54	48.00	12.46
	0.797	0.28	33.08	33.36	48.00	14.64
	0.900	0.28	33.25	33.53	48.00	14.47
	1.047	0.27	31.17	31.44	48.00	16.56
VB	0.469	0.32	35.41	35.73	48.00	12.27
	0.523	0.31	34.73	35.04	48.00	12.96
	0.648	0.29	34.02	34.31	48.00	13.69
	0.742	**0.29**	**35.55**	**35.84**	**48.00**	**12.16**
	0.817	0.28	33.66	33.94	48.00	14.06
	0.900	0.28	34.25	34.53	48.00	13.47

NOTE 1 – Emission Level = Meter Reading + Factor
NOTE 2 – Factor = Insertion Loss + Cable Loss
NOTE 3 – All reading are Quasi-Peak Values.
NOTE 4 – The worst emission is detected at 0.742 MHz with corrected signal level of 35.84 dB(μV) (limit is 48.00 dB(μV)), when the VB of the EUT is connected to LISN.

TEST ENGINEER: Solon Gong (SOLON GONG)

EUT	:	Energy Saving Lamp	Temperature :	23℃	
Model No.	:	FE105 23W	Humidity	:	53%
Test Mode	:	ON	Date of Test	:	Sept 02, 2001

Test Line	Frequency (MHz)	Factor (dB)	Meter Reading dB(μV)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)
VA	0.494	0.31	35.20	35.51	48.00	12.49
	0.557	0.30	35.47	35.77	48.00	12.23
	0.599	0.30	34.98	35.28	48.00	12.72
	0.662	0.29	36.04	36.33	48.00	11.67
	0.729	0.29	36.87	37.16	48.00	10.84
	0.831	0.28	35.34	35.62	48.00	12.38
VB	0.487	0.31	35.54	35.85	48.00	12.15
	0.548	0.30	37.77	38.07	48.00	9.93
	0.594	0.30	36.37	36.67	48.00	11.33
	0.720	**0.29**	**38.87**	**39.16**	**48.00**	**8.84**
	0.754	0.29	35.77	36.06	48.00	11.94
	0.877	0.28	36.87	37.15	48.00	10.85

NOTE 1 – Emission Level = Meter Reading + Factor
NOTE 2 – Factor = Insertion Loss + Cable Loss
NOTE 3 – All reading are Quasi-Peak Values.
NOTE 4 – The worst emission is detected at 0.720 MHz with corrected signal level of 39.16 dB(μV) (limit is 48.00 dB(μV)), when the VB of the EUT is connected to LISN.

TEST ENGINEER: Solon Gong (SOLON GONG)

EUT	:	Energy Saving Lamp	Temperature :	23℃	
Model No.	:	FE105 26W(25W)	Humidity :	53%	
Test Mode	:	ON	Date of Test :	Sept 02, 2001	

Test Line	Frequency (MHz)	Factor (dB)	Meter Reading dB(μV)	Emission Level dB(μV)	Limits dB(μV)	Margin (dB)
VA	0.475	0.32	35.08	35.40	48.00	12.60
	0.515	0.31	32.26	32.57	48.00	15.43
	0.562	0.30	31.85	32.15	48.00	15.85
	0.589	0.30	31.31	31.61	48.00	16.39
	0.622	0.30	33.60	33.90	48.00	14.10
	6.812	**0.27**	**42.07**	**42.34**	**48.00**	**5.66**
VB	0.456	0.33	34.66	34.99	48.00	13.01
	0.489	0.31	34.04	34.35	48.00	13.65
	0.535	0.31	33.51	33.82	48.00	14.18
	0.599	0.30	35.08	35.38	48.00	12.62
	0.748	0.29	34.97	35.26	48.00	12.74
	6.957	0.28	41.64	41.92	48.00	6.08

NOTE 1 – Emission Level = Meter Reading + Factor
NOTE 2 – Factor = Insertion Loss + Cable Loss
NOTE 3 – All reading are Quasi-Peak Values.
NOTE 4 – The worst emission is detected at 6.812MHz with corrected signal level of 42.34 dB(μV) (limit is 48.00 dB(μV)), when the VA of the EUT is connected to LISN.

TEST ENGINEER: Solon Gong (SOLON GONG)

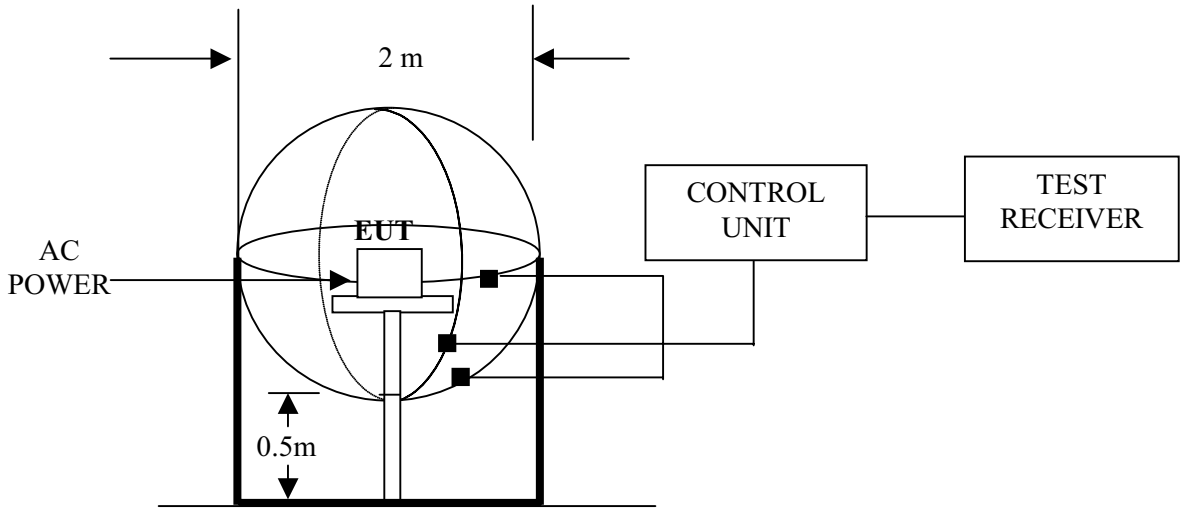
3 FIELD STRENGTH TEST

3.1 Test Equipment

The following test equipment are used during the powerline field strength test in a shielded room:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Loop Antenna	Laplace	RF300	5001	May 05, 2001	1/2 Year
2.	Test Receiver	Rohde & Schwarz	ESHS10	844077/020	Apr 24, 2001	1 Year

3.2 Block Diagram of Test Setup



EUT : ENERGY SAVING LAMP

3.3 Test Configuration

The configuration of the EUT is same as those used in conducted emission test.

Refer to Sec.2.4.

3.4 Operating Condition of EUT

Same as conducted emission test which is listed in Sec.2.5, except the test setup replaced by Sec.3.2.

3.5 Test Procedure

The EUT was placed on a wooden table, which is in the center of the loop antenna. The loop antenna is 0.5 meters above the ground. Each side had one sensor. The three sensors were through the control unit to connect the Test receiver, which receiving the emission and find out the maximum emission of each side of the loop antenna.

The bandwidth of R&S Test Receiver ESHS10 was set at 200 Hz from 9kHz to 150kHz and 10kHz from 150 kHz to 30 MHz.

The frequency range from 9 kHz to 30 MHz was checked.

The "ON" mode was done on field strength test and all the test results are listed in Sec.3.6.

3.6 Test Result

<PASS>

Refer to the following pages.

For FE63 15W:

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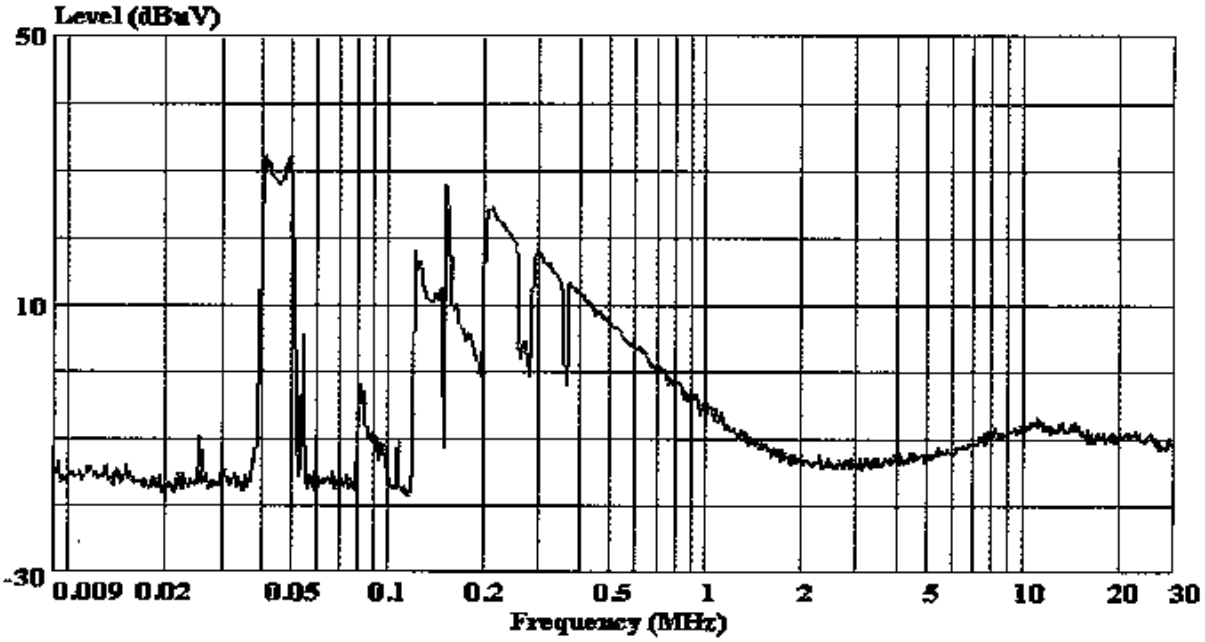

Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE63 15W
S/N : E083119
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : A
Test Mode : ON
Test Engineer: Solon

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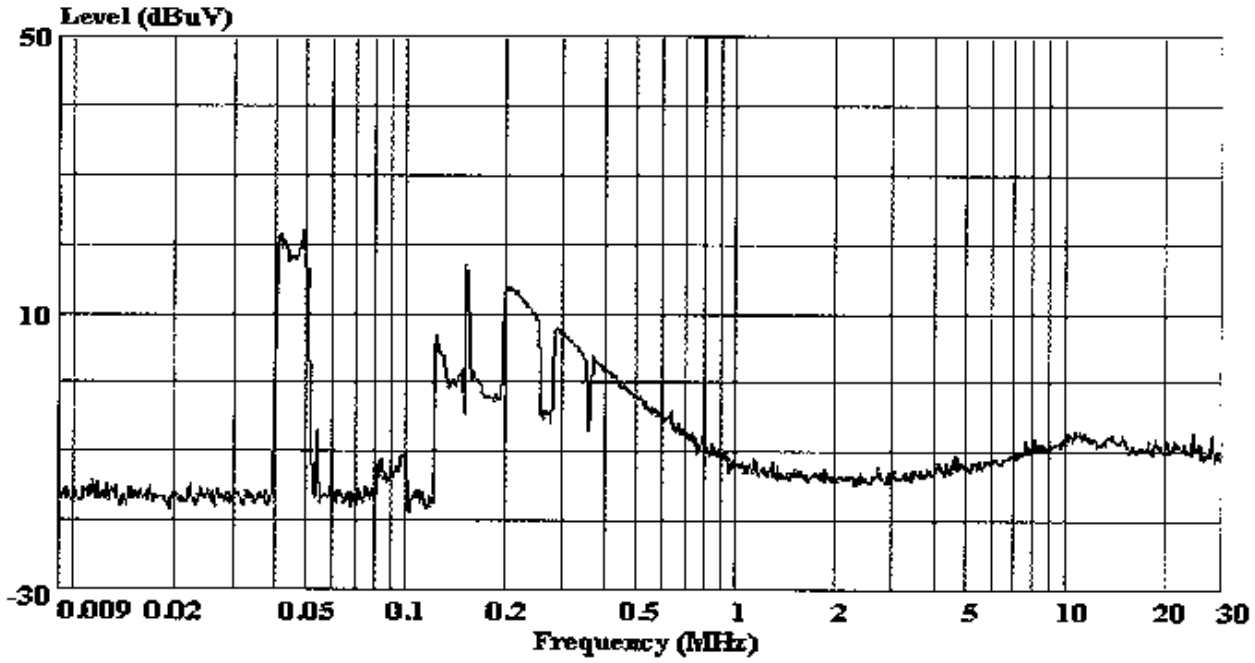

Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE63 15W
S/N : E083119
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : B
Test Mode : ON
Test Engineer: Solon

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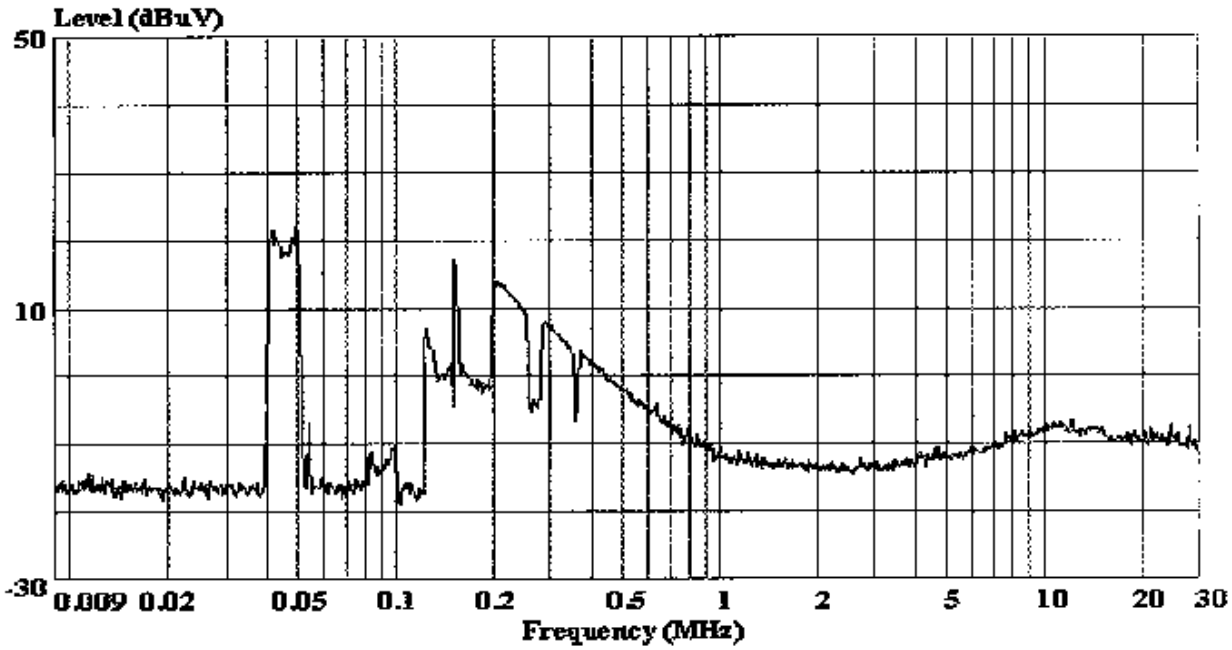

Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE63 15W
S/N : E083119
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : C
Test Mode : ON
Test Engineer: Selon

For FE63 23W:

Audix Technology (Shanghai) Co., Ltd.
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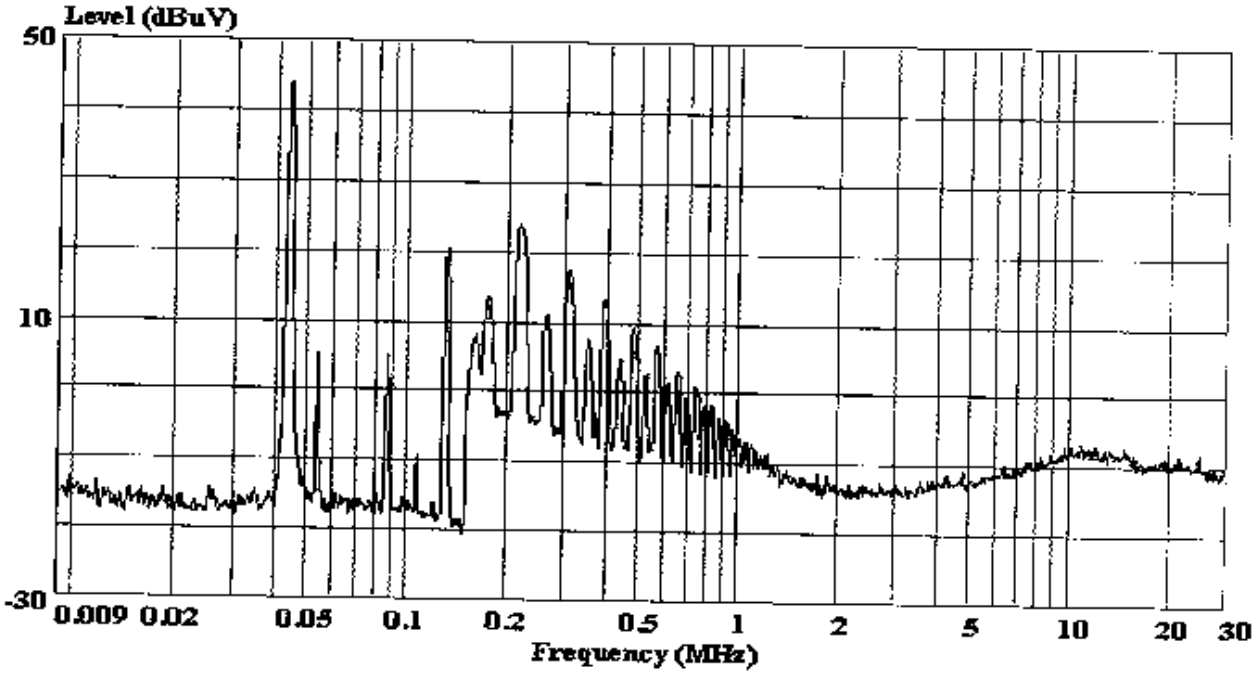

Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE63 23W
S/N : E083120
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : A
Test Mode : ON
Test Engineer: Solon

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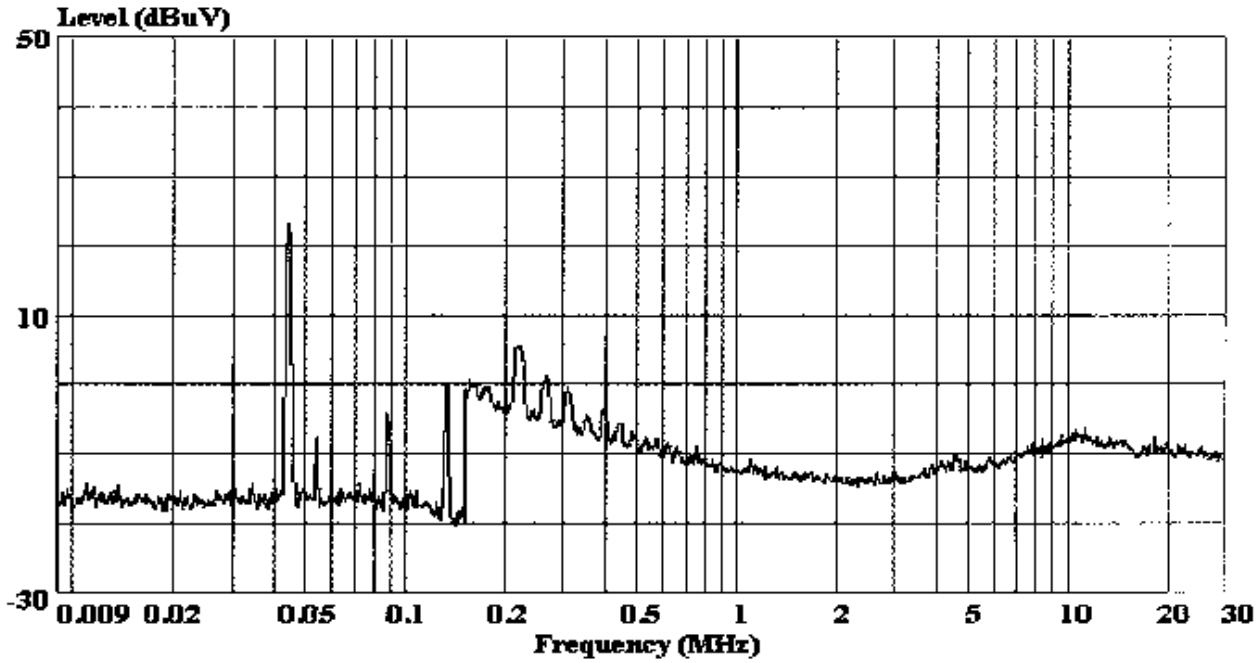

Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE63 23W
S/N : E083120
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : B
Test Mode : ON
Test Engineer: Solon

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Tel:+86-21-64955500
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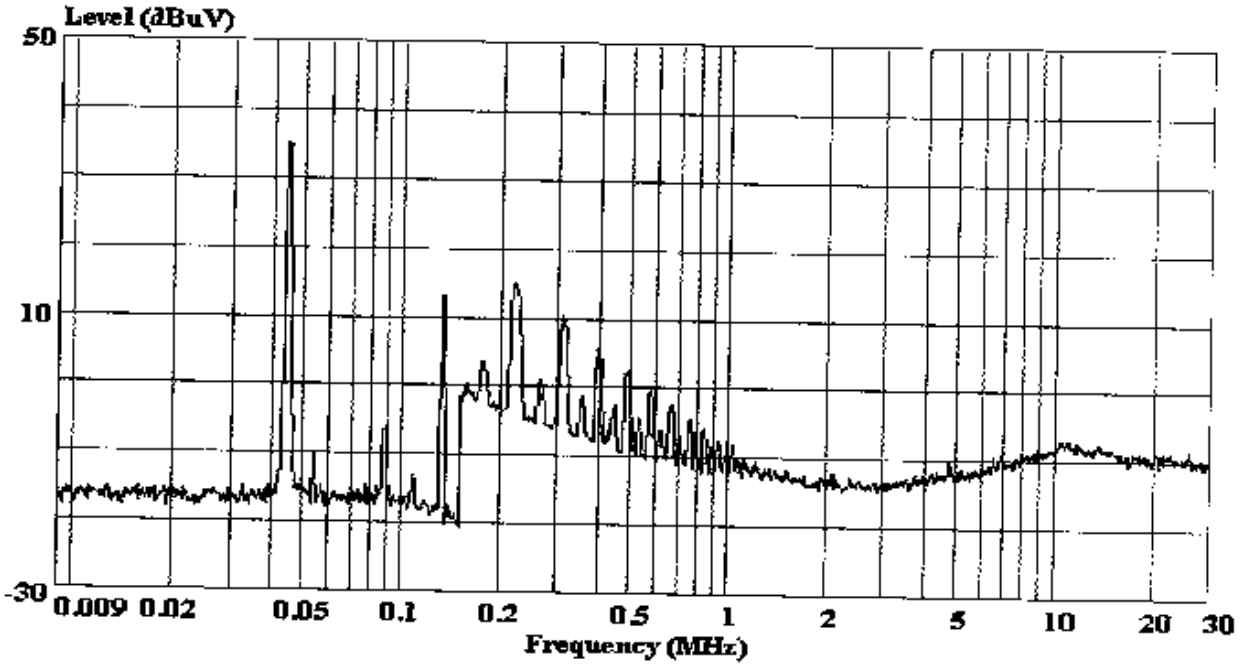
audixaci@8848.net

Data#: 676 File#: D:\EMIVM\TEST\S\sunlighl.emi Date: 2001-09-04 Time: 08:39:13



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE63 23W
S/N : E0B3120
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : C
Test Mode : ON
Test Engineer: Selen

For FE63 26W(25W):

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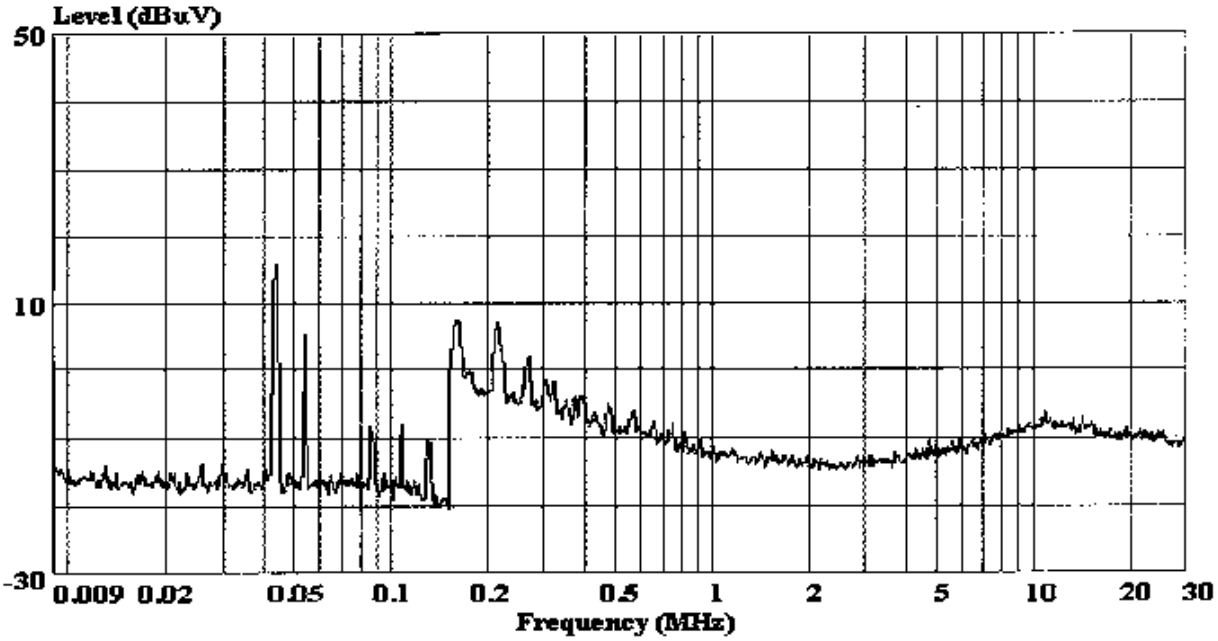
Data#: 691 File#: D:\EMIVM\TEST\S\sunlight.emi Date: 2001-09-04 Time: 08:59:09



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE63 26W
S/N : E083121
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : A
Test Mode : ON
Test Engineer: Solon

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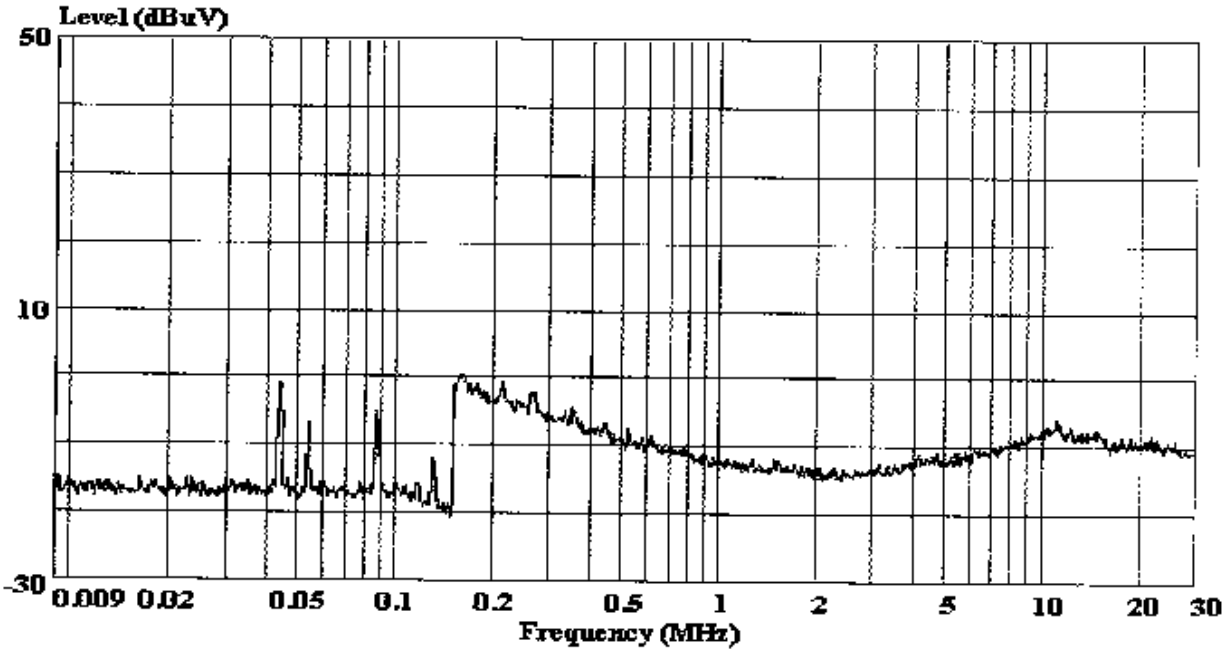
Data#: 688 File#: D:\EMIVM\TEST\S\sunligh1.emi Date: 2001-09-04 Time: 08:53:33



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE63 26W
S/N : E083121
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : B
Test Mode : ON
Test Engineer: Solon

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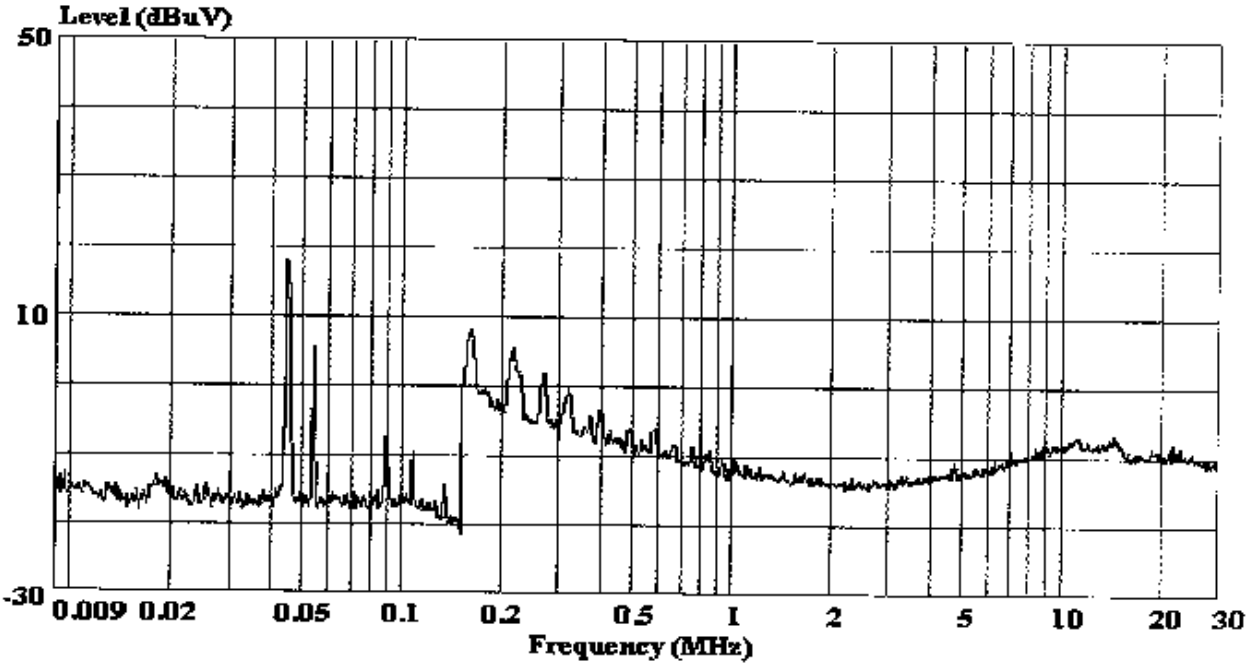
Data#: 685 File#: D:\EMIVM\TEST\S\sunligh1.emi Date: 2001-09-04 Time: 08:48:33



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE63 26W
S/N : E083121
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : C
Test Mode : ON
Test Engineer: Solon

For FE105 15W:

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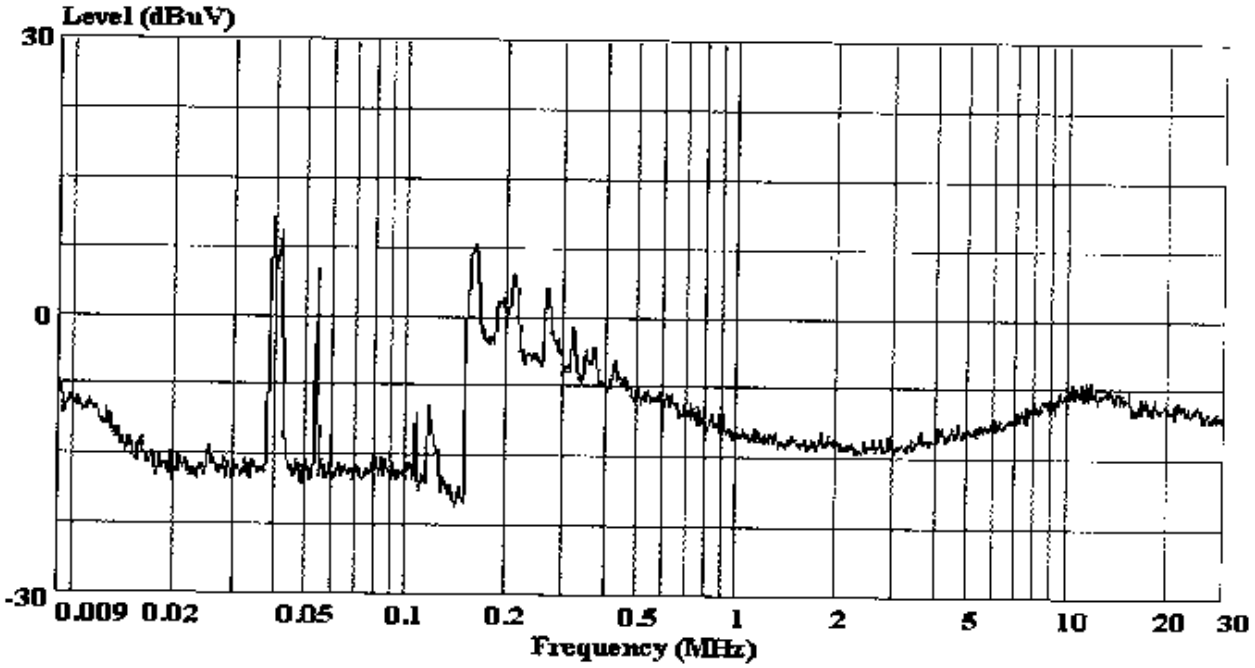
Data#: 635 File#: D:\EMIVM\TEST\S\sunlight1.emi Date: 2001-09-03 Time: 16:42:01



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE105 15W
S/N : E083116
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : A
Test Mode : ON
Test Engineer: Solon

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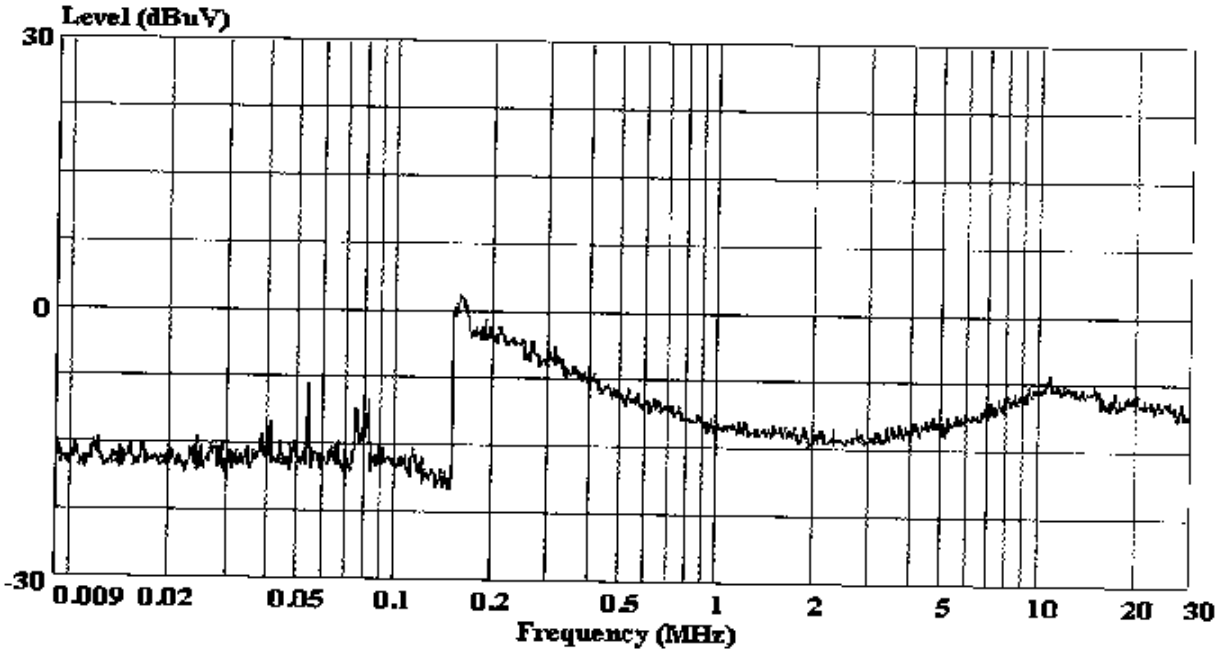
Data#: 638 File#: D:\EMIVM\TEST\S\sunlight1.emi Date: 2001-09-03 Time: 16:45:30



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE105 15W
S/N : E083116
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : B
Test Mode : ON
Test Engineer: Solon

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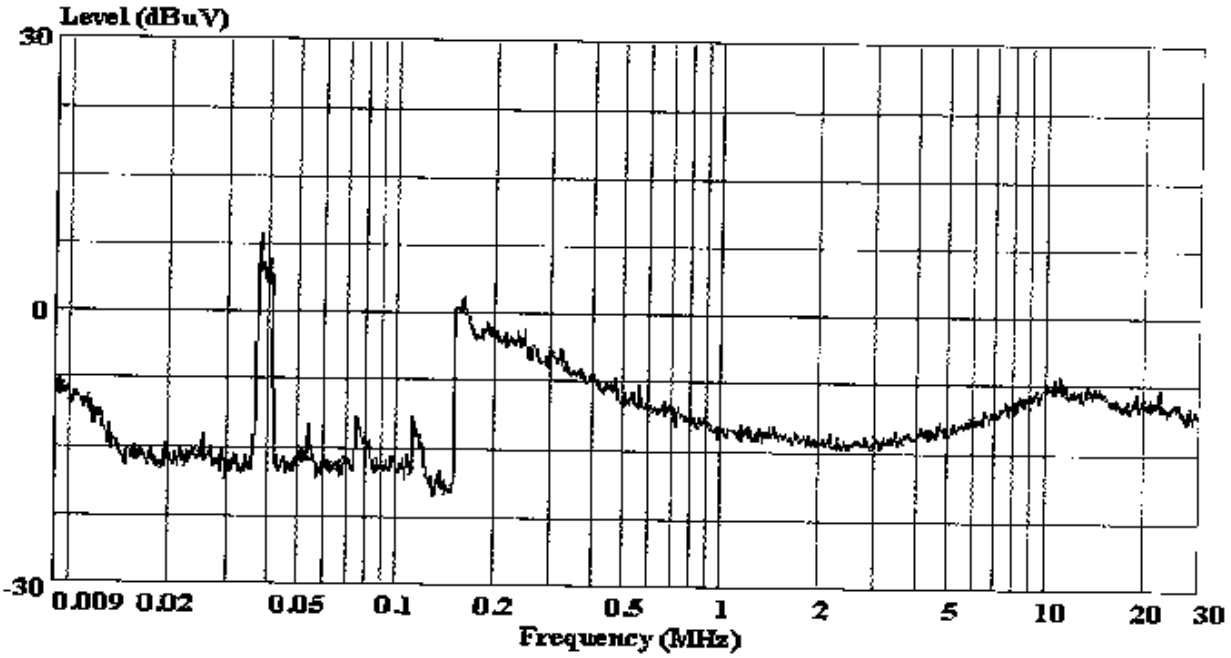
Data#: 641 File#: D:\EMIVM\TEST\S\sunligh1.emi Date: 2001-09-03 Time: 16:48:52



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE105 15W
S/N : E083116
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : C
Test Mode : ON
Test Engineer: Solen

For FE105 23W:

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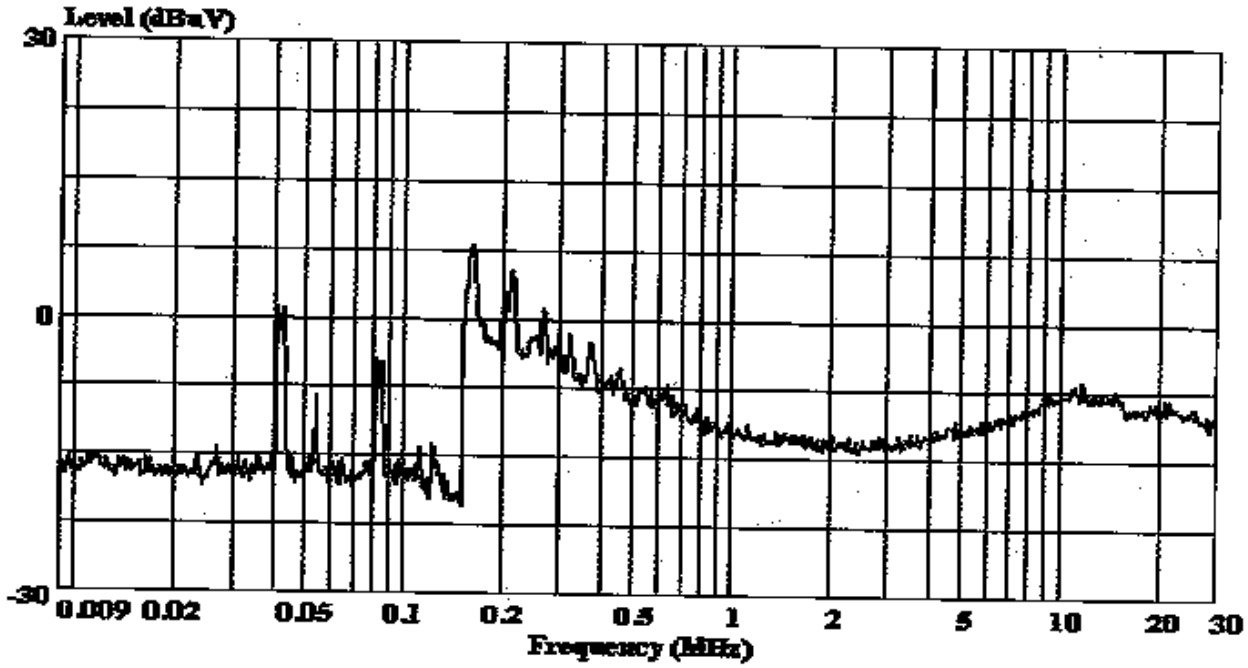
Data#: 650 File#: D:\EMIVM\TEST\S\sunligh1.emi Date: 2001-09-03 Time: 16:59:38



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE105 23W
S/N : E083117
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : A
Test Mode : ON
Test Engineer: Solar

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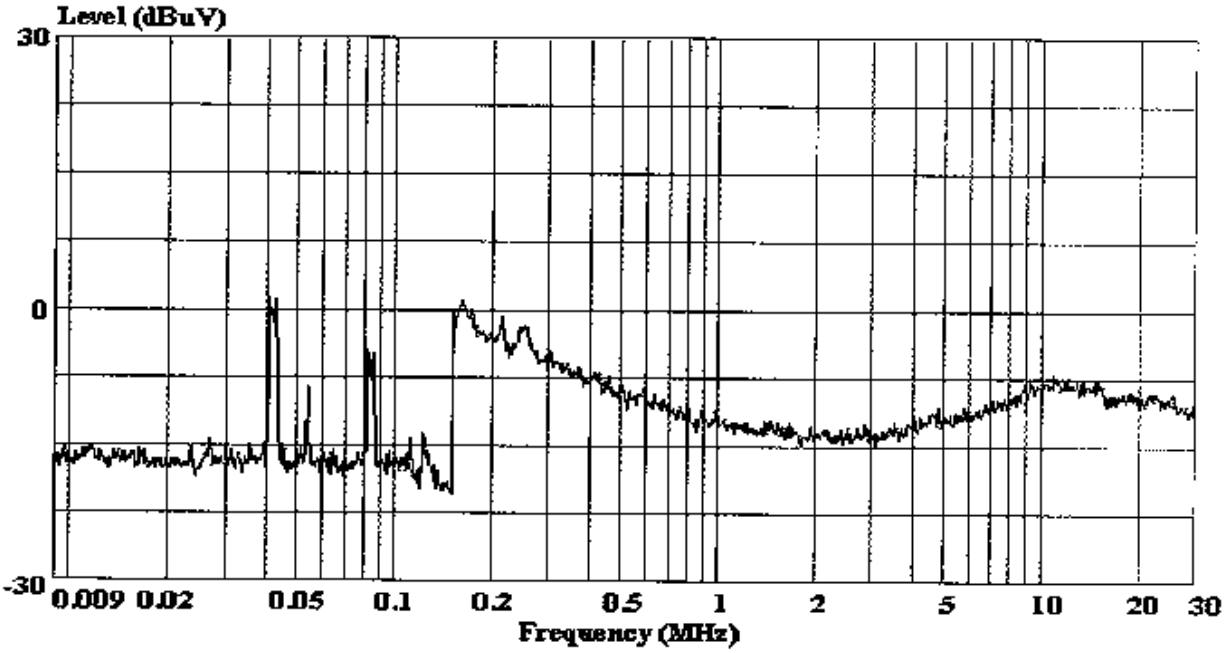
Data#: 647 File#: D:\EMIVM\TEST\S\sunligh1.emi Date: 2001-09-03 Time: 16:52:55



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE105 23W
S/N : E083117
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : B
Test Mode : ON
Test Engineer: Solon

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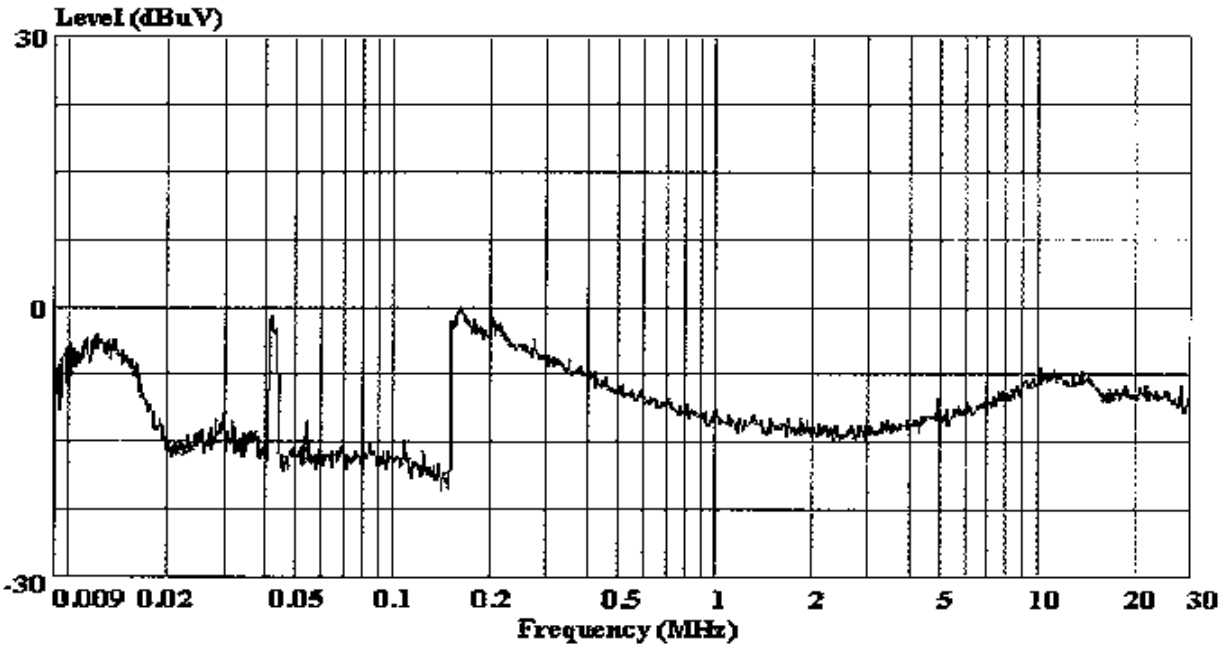
Data#: 644 File#: D:\EMIVM\TEST\S\sunligh1.emi Date: 2001-09-03 Time: 16:51:57



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE105 23W
S/N : E083117
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : C
Test Mode : ON
Test Engineer: Solon

For FE105 26W(25W)

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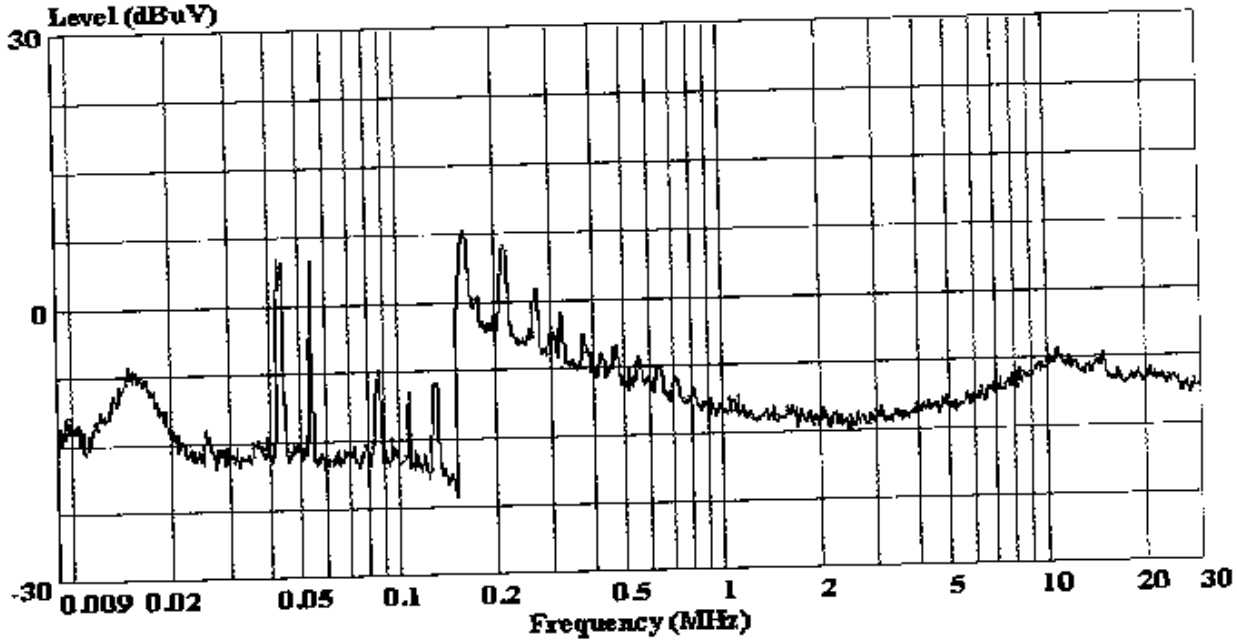
Data#: 653 File#: D:\EMIVM\TEST\S\sunligh1.emi Date: 2001-09-03 Time: 17:04:48



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE105 26W
S/N : E083118
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : A
Test Mode : ON
Test Engineer: Solon

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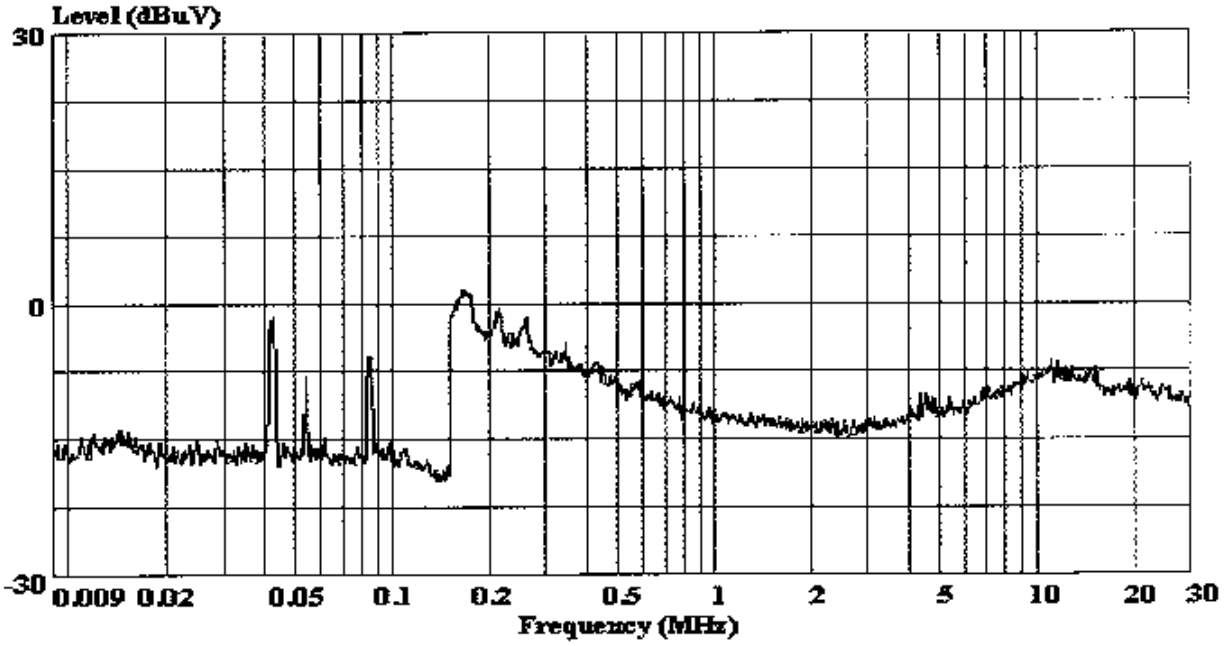
Data#: 656 File#: D:\EMIVM\TEST\S\sunlight.emi Date: 2001-09-03 Time: 17:07:34



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE105 26W
S/N : E083118
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : B
Test Mode : ON
Test Engineer: Solon

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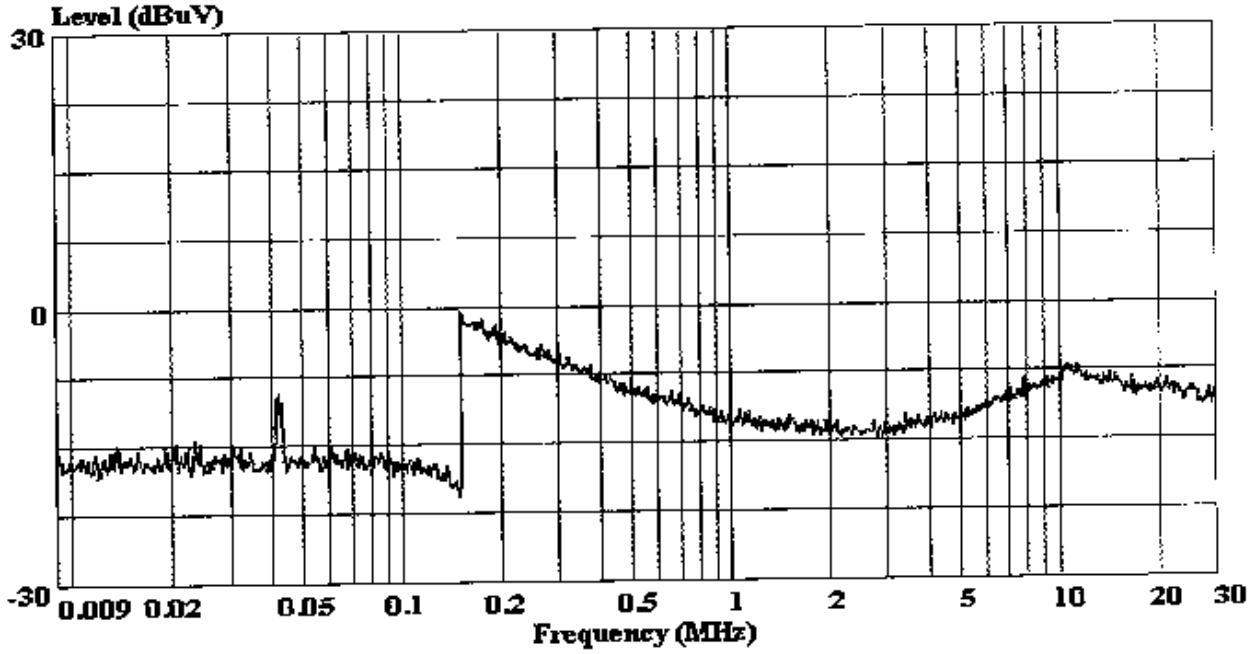
Data#: 659 File#: D:\EMIVM\TEST\S\sunligh1.emi Date: 2001-09-03 Time: 17:13:49



Site : audix-aci
Condition :
Project No. : AQE-000107
Applicant : Zhejiang Yankon Group Co.,Ltd.
EUT : Energy Saving Lamp
M/N : FE105 26W
S/N : E083118
Power Supply : 120V/60Hz
Ambient : 23'C 53%
Test Line : C
Test Mode : ON
Test Engineer: Selen