

KWO-Light Co., Ltd.

T4 Lamp

Model Number: STRA-T4-6W/STRA-T4-6W/STRA-T4-6W/
STRA-T4-6W/STRA-T4-6W/STRA-T4-6W/
STRA-T4-6W

Prepared for : KWO-Light Co., Ltd.
STRA-T4-6W

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6 Ke Feng Rd., 52 Block,
Shenzhen Science & Industrial Park,
Nantou, Shenzhen, Guangdong, China

Tel: (0755) 26639496

Report Number : ACS-F05042
Date of Test : Dec.12, 2004~Jan.05, 2005
Date of Report : Feb.19, 2005

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APPENDIX I (15 Pages)
APPENDIX II (8 Pages)

TEST REPORT CERTIFICATION

Applicant : KWO-Light Co., Ltd.
Manufacturer : Dong Guan K-Light Lighting Co., Ltd.
EUT Description : T4 Lamp
(A) MODEL NO. : STRA-T4-6W/STRA-T4-6W/STRA-T4-6W/
STRA-T4-6W/STRA-T4-6W/STRA-T4-6W/
STRA-T4-6W
(B) SERIAL NO. : F2005021901
(C) POWER SUPPLY : 120V/60Hz

Test Procedure Used:

FCC RULES AND REGULATIONS PART 18 SUBPART C RF LIGHTING DEVICES
CONSUMER (1998) AND MP-5/1986

The device described above is tested by Audix Technology (Shenzhen) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 18 Subpart C limits for radiation and conduction emissions. The test results are contained in this test report and Audix Technology (Shenzhen) Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT is technically compliant with FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shenzhen) 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 : Dec.12, 2004~Jan.05, 2005

Prepared by :

Susan Liu

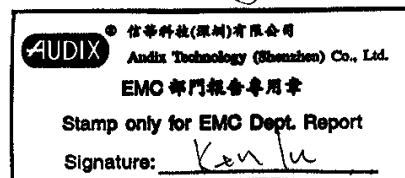
Susan Liu / Assistant

Reviewer :

Lake Wang

Lake Wang / Supervisor

Approved & Authorized Signer :



Ken Lu / Assistant Manager

Name of the Representative of the Responsible Party :

Signature :

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	T4 Lamp
Model Number	:	STRA-T4-6W/STRA-T4-6W/STRA-T4-6W/ STRA-T4-6W/STRA-T4-6W/STRA-T4-6W/ STRA-T4-6W
Applicant	:	KWO-Light Co., Ltd. STRA-T4-6W
Manufacturer	:	Dong Guan K-Light Lighting Co., Ltd. No.13 Zhen Sing North 2 RD., Dao Jiao Town Dong Guan City, Guang Dong, China
Power Cord	:	Unshielded, Detachable 1.8m
Date of Test	:	Dec.12, 2004~Jan.05, 2005

1.2. Test Facility

Site Description

3m Anechoic Chamber	:	Certificated by FCC, USA Registration Number: 90454 Aug. 15, 2003
3m & 10m Anechoic Chamber	:	Certificated by FCC, USA Registration Number: 794232 Mar. 15, 2004
EMC Lab.	:	Certificated by DATech, German Registration Number: DAT-P-091/99-01 Feb. 02, 2004
		Certificated by NVLAP, USA NVLAP Code: 200372-0 Mar. 31, 2004
		Certificated by Nemko, Norway Aut. No.: ELA135 April. 22, 2004
		Certificated by Industry Canada Registration Number: IC 5183 Jul. 28, 2004
Name of Firm	:	Audix Technology (Shenzhen) Co., Ltd.
Site Location	:	No. 6, Ke Feng Rd., 52 Block, Shenzhen Science & Industrial Park, Nantou, Shenzhen, Guangdong, China

1.3. Measurement Uncertainty

No.	Item	Uncertainty	Remark
1.	Uncertainty for Conducted Emission Test	1.22dB	
2.	Uncertainty for Radiated Emission Test	3.14dB	3m Chamber
3.	Uncertainty for Radiated Emission Test	3.18dB	10m Chamber
4.	Uncertainty for Power Clamp Test	1.38dB	

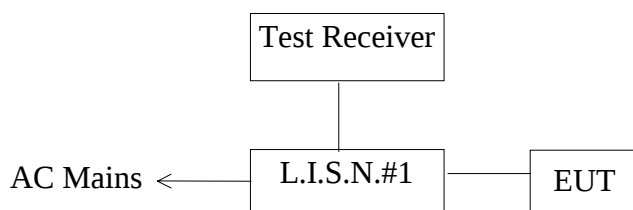
2. POWER LINE CONDUCTED EMISSION TEST

2.1. Test Equipment

The following test equipments are used during the power line conducted emission test:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESHS10	838693/001	May 24, 04	1 Year
2.	L.I.S.N.#1	Rohde & Schwarz	ESH2-Z5	834066/011	May 24, 04	1 Year
3.	L.I.S.N.#2	Kyoritsu	KNW-407	8-541-4	May 24, 04	1 Year
4.	L.I.S.N.#3	EMCO	3825/2	9006-1660	May 24, 04	1 Year
5.	Terminator	Hubersuhner	50Ω	No. 1	May 24, 04	1 Year
6.	Terminator	Hubersuhner	50Ω	No. 2	May 24, 04	1 Year
7.	RF Cable	MIYAZAKI	5D-2W	LISN Cable 1#	Aug. 19, 04	1/2 Year
8.	Passive Probe	Rohde & Schwarz	ESH2-Z3	299.7810.52	May 24, 04	1 Year
9.	Coaxial Switch	Anritsu	MP59B	M55367	Nov. 28, 04	1/2 Year
10.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100340	Aug. 19, 04	1/2 Year
11.	PC	N/A	586ATXS	N/A	N/A	N/A
12.	Printer	HP	Laserjet2100	SGGJ092351	N/A	N/A

2.2. Block Diagram of Test Setup



(EUT: T4 Lamp)

2.3. Power Line Conducted Emission Test Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150KHz ~ 500KHz	66 ~ 56*	56 ~ 46*
500KHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

2.4. Configuration of EUT on Test

The following equipment are installed on Power Line Conducted Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

2.4.1. T4 Lamp (EUT)

Model Number : STRA-T4-6W/STRA-T4-6W/STRA-T4-6W/
STRA-T4-6W/STRA-T4-6W/STRA-T4-6W/
STRA-T4-6W
Serial Number : F2005021901
Manufacturer : Dong Guan K-Light Lighting Co., Ltd.

2.5. Operating Condition of EUT

2.5.1. Setup the EUT and simulator as shown on Section 2.2..

2.5.2. Turn on the power of all equipment.

2.5.3. Let the EUT work in test mode (ON) and test it.

2.6. Test Procedure

The EUT is connected to the power mains through a line impedance stabilization network (L.I.S.N.#1). This provides a 50 ohm coupling impedance for the EUT. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission levels. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4-2001 on Conducted Emission Test.

The bandwidth of test receiver (R & S ESHS10) is set at 10KHz.

The frequency range from 150KHz to 30MHz is checked.

The test result are reported on Section 2.7, all the scanning waveforms for Conducted Emission Test are attached in Appendix I.

2.7. Power Line Conducted Emission Test Results

PASS.

The frequency range from 150KHz to 30 MHz is investigated.

All emissions not reported below are too low against the prescribed limits.

Date of Test :	Dec.31, 2004	Temperature :	23°C
EUT :	T4 Lamp	Humidity :	54%
Model No. :	STRA-T4-6W	Test Mode :	ON
Test Engineer :	Sworddance		

Frequency (MHz)	Reading (dBμV)				Limit (dBμV)	
	VA		VB		Quasi-Peak	Average
	Quasi-Peak	Average	Quasi-Peak	Average		
0.452	N/A	N/A	28.71	*	48.00	38.00
0.532	N/A	N/A	29.81	*	48.00	38.00
0.783	43.37	*	N/A	N/A	48.00	38.00
0.845	N/A	N/A	30.75	*	48.00	38.00
0.852	45.58	*	N/A	N/A	48.00	38.00
0.904	N/A	N/A	31.56	*	48.00	38.00
0.907	44.30	*	N/A	N/A	48.00	38.00
1.134	N/A	N/A	30.51	*	48.00	38.00
1.136	40.49	*	N/A	N/A	48.00	38.00
1.256	40.66	*	N/A	N/A	48.00	38.00
1.313	N/A	N/A	29.25	*	48.00	38.00
1.369	40.55	*	N/A	N/A	48.00	38.00

Remark: 1) If the data table appeared symbol of “N/A” means the value was too low to be measured.

2) If the data table appeared symbol of “*” means the Q.P. value is under the limit for average, so, the average value had been omitted.

Reviewer :

Lake Wang

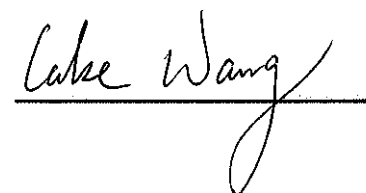
Date of Test :	Dec.09, 2004	Temperature :	23°C
EUT :	T4 Lamp	Humidity :	54%
Model No. :	STRA-T4-8W	Test Mode :	ON
Test Engineer :	Sworddance		

Frequency (MHz)	Reading (dBμV)				Limit (dBμV)	
	VA		VB			
	Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
0.475	N/A	N/A	38.47	*	48.00	38.00
0.479	32.31	*	N/A	N/A	48.00	38.00
0.530	N/A	N/A	38.63	*	48.00	38.00
0.535	30.98	*	N/A	N/A	48.00	38.00
0.581	N/A	N/A	36.79	*	48.00	38.00
0.594	31.27	*	N/A	N/A	48.00	38.00
0.646	29.91	*	N/A	N/A	48.00	38.00
0.691	N/A	N/A	33.10	*	48.00	38.00
0.702	29.75	*	N/A	N/A	48.00	38.00
0.803	N/A	N/A	27.43	*	48.00	38.00
0.838	25.12	*	N/A	N/A	48.00	38.00
0.927	N/A	N/A	26.60	*	48.00	38.00

Remark: 1) If the data table appeared symbol of "N/A" means the value was too low to be measured.

2) If the data table appeared symbol of "*" means the Q.P. value is under the limit for average, so, the average value had been omitted.

Reviewer:



Date of Test :	Dec.08, 2004	Temperature :	23°C
EUT :	T4 Lamp	Humidity :	54%
Model No. :	STRA-T4-12W	Test Mode :	ON
Test Engineer :	Sworddance		

Frequency (MHz)	Reading (dBμV)				Limit (dBμV)	
	VA		VB			
	Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
0.456	30.14	*	N/A	N/A	48.00	38.00
0.458	N/A	N/A	22.04	*	48.00	38.00
0.485	31.71	*	20.88	*	48.00	38.00
0.517	24.20	*	N/A	N/A	48.00	38.00
0.548	N/A	N/A	19.87	*	48.00	38.00
0.614	25.27	*	N/A	N/A	48.00	38.00
0.726	20.20	*	N/A	N/A	48.00	38.00
1.264	N/A	N/A	16.97	*	48.00	38.00
1.830	N/A	N/A	17.65	*	48.00	38.00
2.155	18.28	*	N/A	N/A	48.00	38.00
3.119	N/A	N/A	16.75	*	48.00	38.00

Remark: 1) If the data table appeared symbol of “N/A” means the value was too low to be measured.

2) If the data table appeared symbol of “*” means the Q.P. value is under the limit for average, so, the average value had been omitted.

Reviewer :

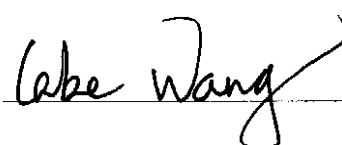
lake Wang

Date of Test :	Dec.09, 2004	Temperature :	23°C
EUT :	T4 Lamp	Humidity :	54%
Model No. :	STRA-T4-16W	Test Mode :	ON
Test Engineer :	Sworddance		

Frequency (MHz)	Reading (dBμV)				Limit (dBμV)	
	VA		VB			
	Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
0.452	19.70	*	N/A	N/A	48.00	38.00
0.463	N/A	N/A	17.90	*	48.00	38.00
0.513	18.35	*	N/A	N/A	48.00	38.00
0.519	N/A	N/A	18.73	*	48.00	38.00
0.565	18.51	*	N/A	N/A	48.00	38.00
0.579	N/A	N/A	18.24	*	48.00	38.00
0.632	18.40	*	N/A	N/A	48.00	38.00
0.688	16.23	*	N/A	N/A	48.00	38.00
0.702	N/A	N/A	17.51	*	48.00	38.00
0.863	16.01	*	N/A	N/A	48.00	38.00
0.892	N/A	N/A	16.47	*	48.00	38.00
2.075	N/A	N/A	16.15	*	48.00	38.00

Remark: 1) If the data table appeared symbol of "N/A" means the value was too low to be measured.

2) If the data table appeared symbol of "*" means the Q.P. value is under the limit for average, so, the average value had been omitted.

Reviewer : 

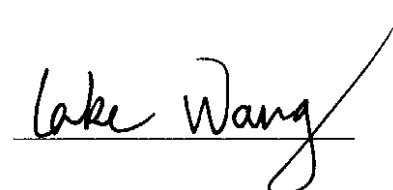
Date of Test :	Dec.09, 2004	Temperature :	23°C
EUT :	T4 Lamp	Humidity :	54%
Model No. :	STRA-T4-20W	Test Mode :	ON
Test Engineer :	Sworddance		

Frequency (MHz)	Reading (dBμV)				Limit (dBμV)	
	VA		VB			
	Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
0.452	N/A	N/A	20.24	*	48.00	38.00
0.471	18.80	*	N/A	N/A	48.00	38.00
0.475	N/A	N/A	24.23	*	48.00	38.00
0.491	16.88	*	N/A	N/A	48.00	38.00
0.496	N/A	N/A	23.86	*	48.00	38.00
0.594	17.05	*	N/A	N/A	48.00	38.00
0.617	N/A	N/A	20.23	*	48.00	38.00
0.705	N/A	N/A	18.80	*	48.00	38.00
0.877	15.84	*	N/A	N/A	48.00	38.00
1.375	15.32	*	N/A	N/A	48.00	38.00
2.137	15.07	*	N/A	N/A	48.00	38.00
2.394	N/A	N/A	18.22	*	48.00	38.00

Remark: 1) If the data table appeared symbol of "N/A" means the value was too low to be measured.

2) If the data table appeared symbol of "*" means the Q.P. value is under the limit for average, so, the average value had been omitted.

Reviewer :



Date of Test :	Dec.08, 2004	Temperature :	23°C
EUT :	T4 Lamp	Humidity :	54%
Model No. :	STRA-T4-24W	Test Mode :	ON
Test Engineer :	Sworddance		

Frequency (MHz)	Reading (dBμV)				Limit (dBμV)	
	VA		VB			
	Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
0.452	N/A	N/A	36.87	*	48.00	38.00
0.458	45.30	*	N/A	N/A	48.00	38.00
0.507	38.43	*	N/A	N/A	48.00	38.00
0.508	N/A	N/A	32.02	*	48.00	38.00
0.562	N/A	N/A	28.12	*	48.00	38.00
0.571	31.06	*	N/A	N/A	48.00	38.00
0.630	34.87	*	N/A	N/A	48.00	38.00
0.777	32.76	*	N/A	N/A	48.00	38.00
0.892	29.88	*	N/A	N/A	48.00	38.00
1.347	N/A	N/A	24.67	*	48.00	38.00
1.634	N/A	N/A	25.85	*	48.00	38.00
2.286	N/A	N/A	24.72	*	48.00	38.00

Remark: 1) If the data table appeared symbol of “N/A” means the value was too low to be measured.

2) If the data table appeared symbol of “*” means the Q.P. value is under the limit for average, so, the average value had been omitted.

Reviewer:

Calke Wang

Date of Test :	Dec.31, 2004	Temperature :	23°C
EUT :	T4 Lamp	Humidity :	54%
Model No. :	STRA-T4-28W	Test Mode :	ON
Test Engineer :	Sworddance		

Frequency (MHz)	Reading (dBμV)				Limit (dBμV)	
	VA		VB			
	Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
0.456	N/A	N/A	34.70	*	48.00	38.00
0.460	35.97	*	N/A	N/A	48.00	38.00
0.519	N/A	N/A	37.41	*	48.00	38.00
0.521	37.28	*	N/A	N/A	48.00	38.00
0.574	35.14	*	N/A	N/A	48.00	38.00
0.589	N/A	N/A	35.62	*	48.00	38.00
0.638	36.93	*	N/A	N/A	48.00	38.00
0.646	N/A	N/A	35.47	*	48.00	38.00
0.754	N/A	N/A	30.93	*	48.00	38.00
0.770	32.30	*	N/A	N/A	48.00	38.00
1.308	34.74	*	N/A	N/A	48.00	38.00
1.335	N/A	N/A	33.37	*	48.00	38.00

Remark: 1) If the data table appeared symbol of "N/A" means the value was too low to be measured.

2) If the data table appeared symbol of "*" means the Q.P. value is under the limit for average, so, the average value had been omitted.

Reviewer :

Lake Wang

3. MAGNETIC FIELD EMISSION TEST

3.1. Test Equipment

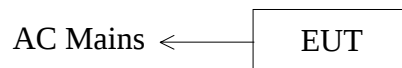
The following test equipments are used during the radiated emission test:

3.1.1. Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Loop Antenna	Chase	HLA6120	1062	June 28, 04	1 Year
2	Test Receiver	Rohde & Schwarz	ESHS20	836600/006	May 24, 04	1 Year

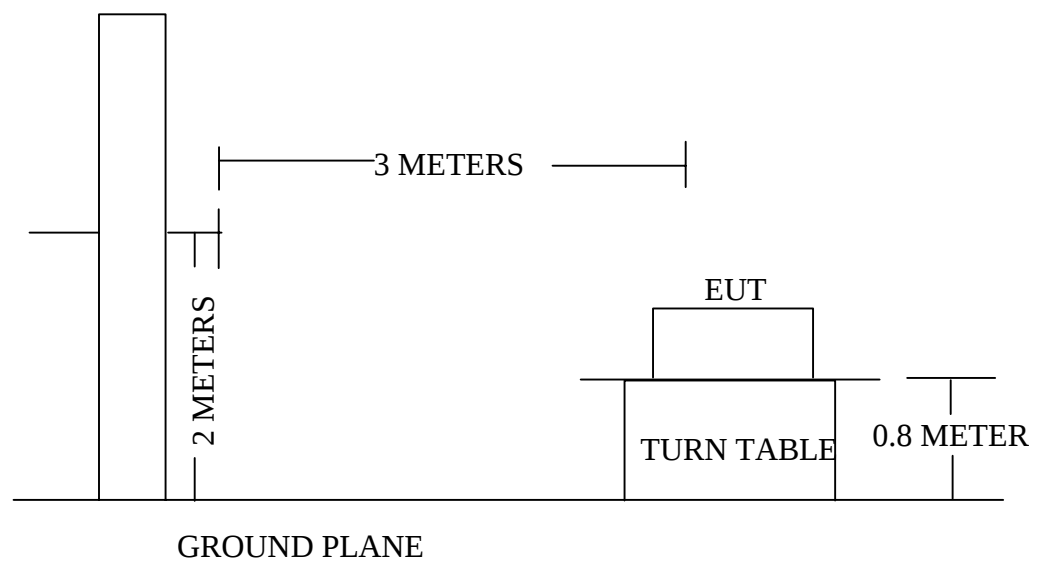
3.2. Block Diagram of Test Setup

3.2.1. Block Diagram of connection between the EUT and simulators



(EUT: T4 Lamp)

3.2.2. In Anechoic Chamber Test Setup Diagram



3.3. Magnetic Field Emission Limit

All emanations from Non-ISM devices or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified below:

Frequency band MHz	Quasi-peak Electric Field Test Distance 3m dB(μ V/m)
0.009 - 30	63.5

Note: (1) The limit shall decreasing linearly with logarithm of frequency.
(2) Distance refers to the distance in meters between the test instrument antenna and the closed point of any part of the E.U.T.

3.4. EUT Configuration on Test

The FCC part 18 Class A regulations test method must be used to find the maximum emission during Radiated Emission test.

The configuration of EUT is same as used in Conducted Emission test. Please refer to Section 2.4.

3.5. Operating Condition of EUT

3.5.1. Setup the EUT and the simulators as shown on Section 3.2.

3.5.2. Turn on the power of all equipments.

3.5.3. Let the EUT work in test mode (ON) and test it.

3.6. Test Procedure

The EUT is placed on a turn table which is 0.8 meter above ground. Measurements are performed at 3m distance with a 0.6m loop antenna as described in MP-5. The antenna shall be vertically installed, with the lower edge of the loop at 2m height above the floor.

The bandwidth setting on the test receiver (R&S TEST RECEIVER ESHS20) is 200 Hz. The EUT is tested in Chamber. All the scanning waveform are attached within Appendix II.

4. DEVIATION TO TEST SPECIFICATIONS

[NONE]

APPENDIX I

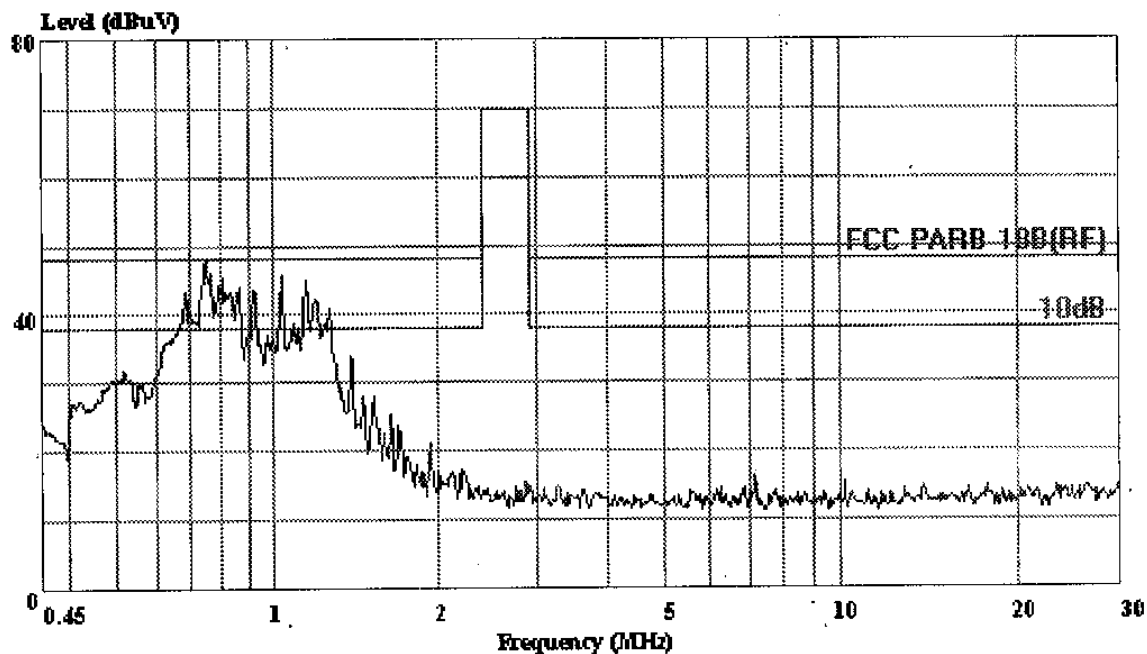


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind Park
Tel:0755-26639496
Fax:26632877

Data#: 58 File#: kwo-light co.ltd.EMI

Date: 2004-12-31 Time: 19:58:21



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PARB 18B(RF) VA KNW-407
EUT : T4 lamp
M/N : STRA-T4-6W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

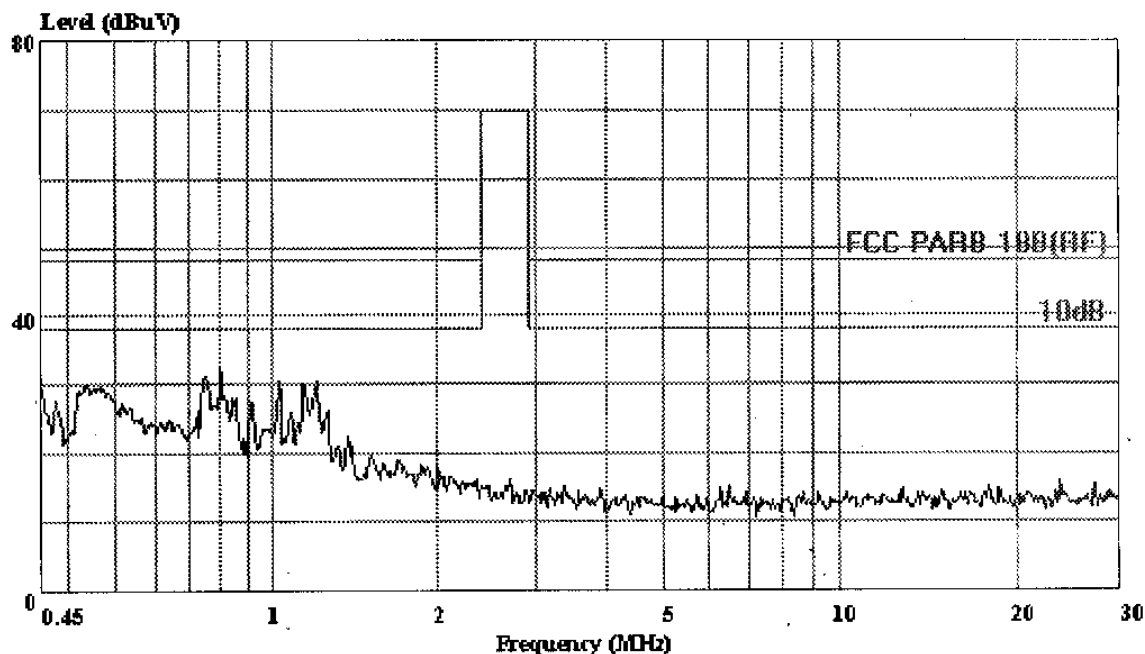


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind Park
Tel:0755-26639496
Fax:26632877

Data#: 60 File#: kwo-light co.ltd.EMI

Date: 2004-12-31 Time: 20:01:12



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

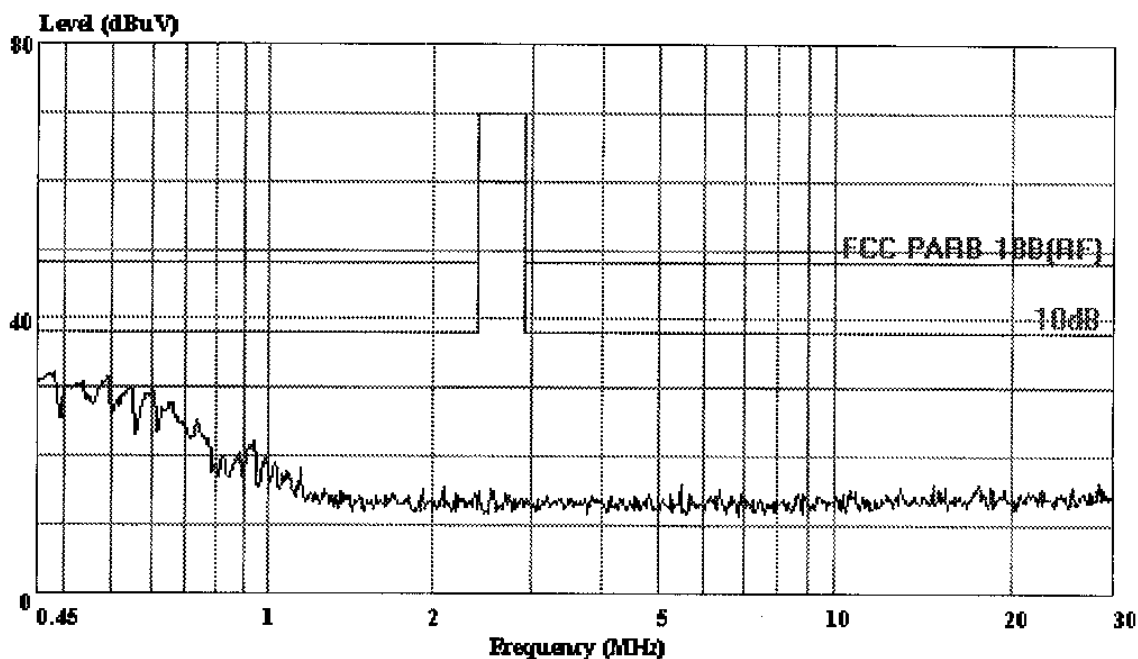
Condition: FCC PART 18B(RF) VB KNW-407
EUT : T4 lamp
M/N : STRA-T4-6W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

AUDIX[®]
AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind Park
Tel:0755-26639496
Fax:26632877

Data#: 36 File#: kwo-light co.ltd.EMI

Date: 2004-12-09 Time: 00:07:05



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PART 18B(RF) VA KNW-407
EUT : T4 lamp
M/N : STRA-T4-8W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

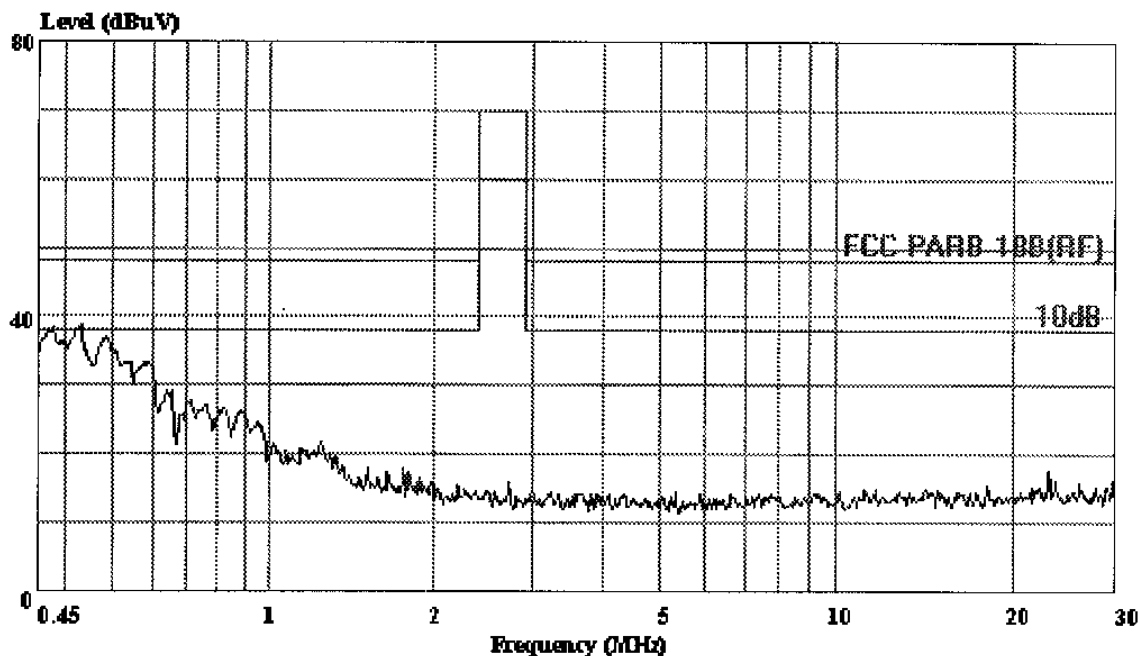


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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Tel:0755-26639496
Fax:26632877

Data#: 34 File#: kwo-light co.ltd.EMI

Date: 2004-12-09 Time: 00:05:45



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PART 18B(RF) VB KNW-407
EUT : T4 lamp
M/N : STRA-T4-8W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

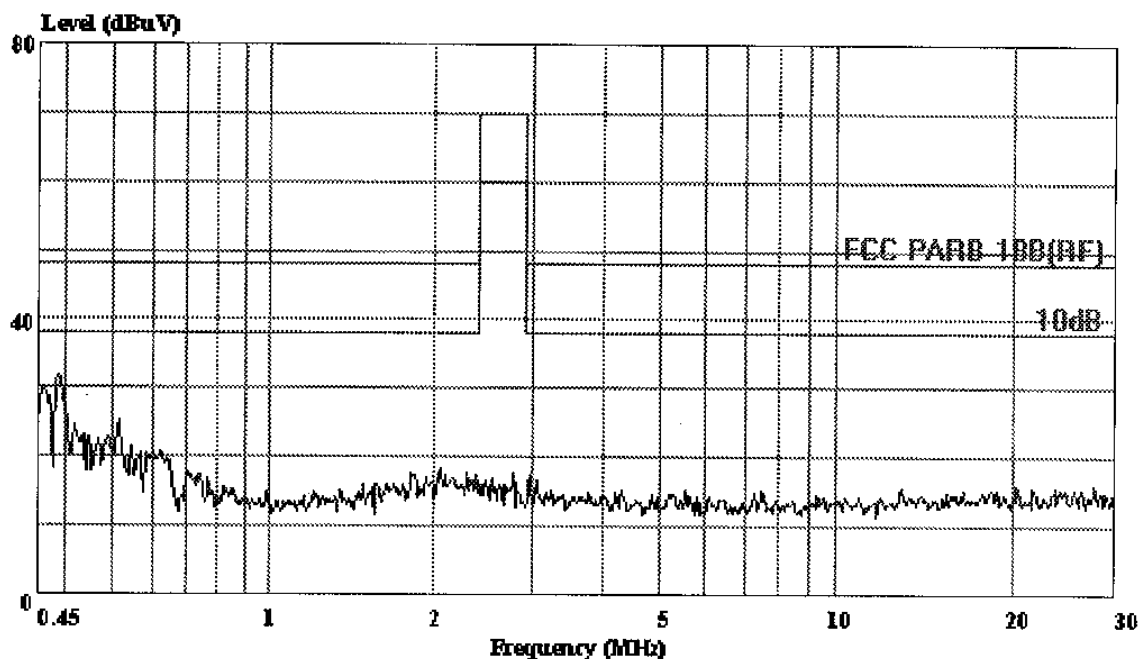


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind Park
Tel:0755-26639496
Fax:26632877

Data#: 22 File#: kwo-light co.ltd.EMI

Date: 2004-12-08 Time: 23:24:12



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PARB 18B(RF) VA KNW-407
EUT : T4 lamp
M/N : STRA-T4-12W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

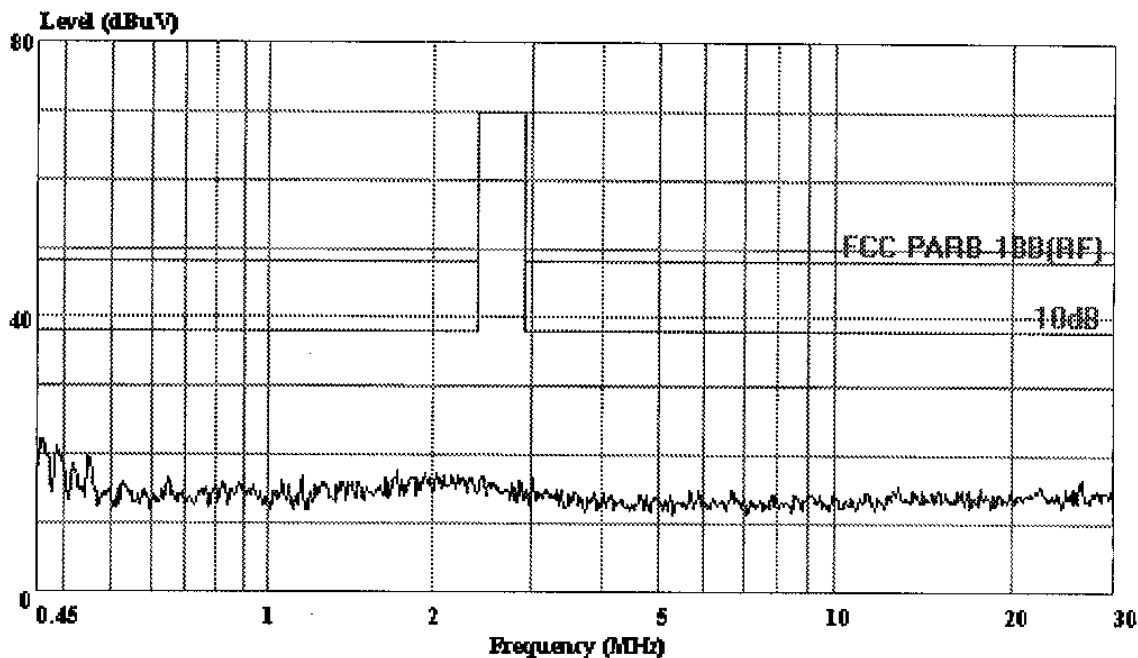


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Shenzhen Science & Ind Park
Tel:0755-26639496
Fax:26632877

Data#: 24 File#: kwo-light co.ltd.EMI

Date: 2004-12-08 Time: 23:25:29



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

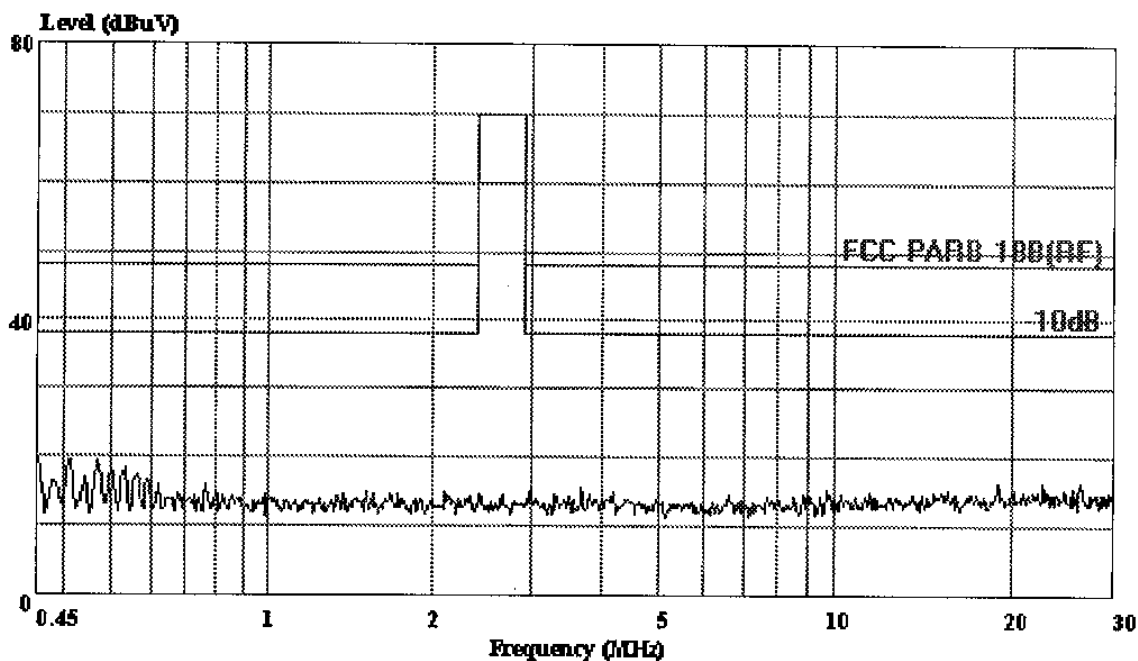
Condition: FCC PARB 18B(RF) VB KNW-407
EUT : T4 lamp
M/N : STRA-T4-12W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

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Data#: 38 File#: kwo-light co.ltd.EMI

Date: 2004-12-09 Time: 00:18:37



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PART 18B(RF) VA KNW-407
EUT : T4 lamp
M/N : STRA-T4-16W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

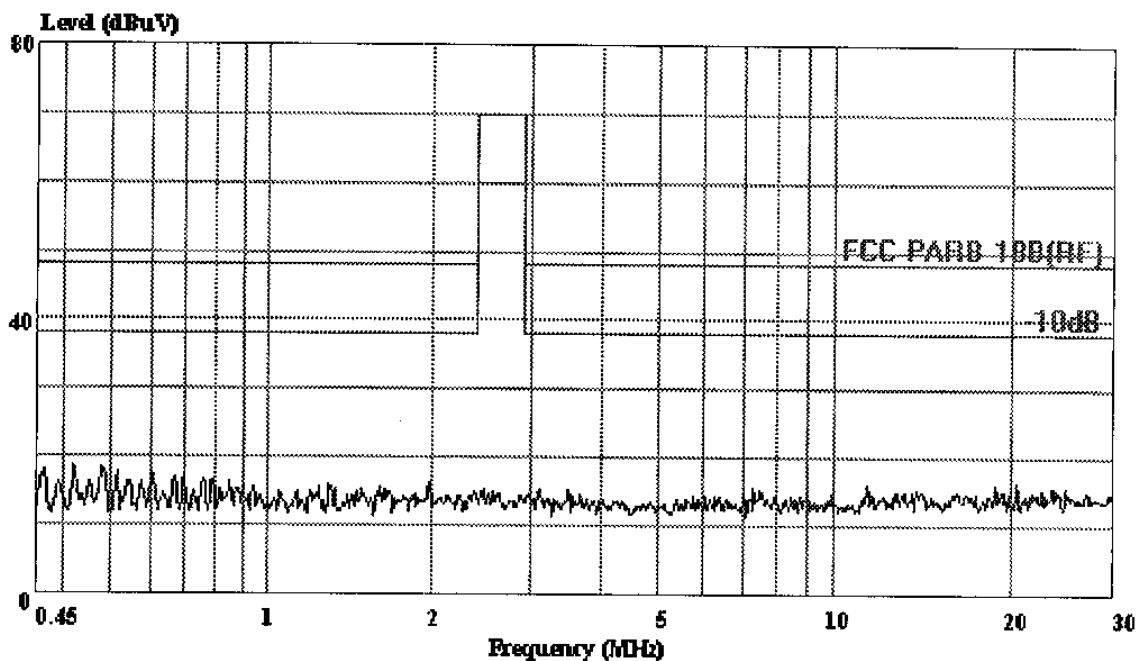


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Tel:0755-26639496
Fax:26632877

Data#: 40 File#: kwo-light co.ltd.EMI

Date: 2004-12-09 Time: 00:19:37



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PART 18B(RF) VB KNW-407
EUT : T4 lamp
M/N : STRA-T4-16W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

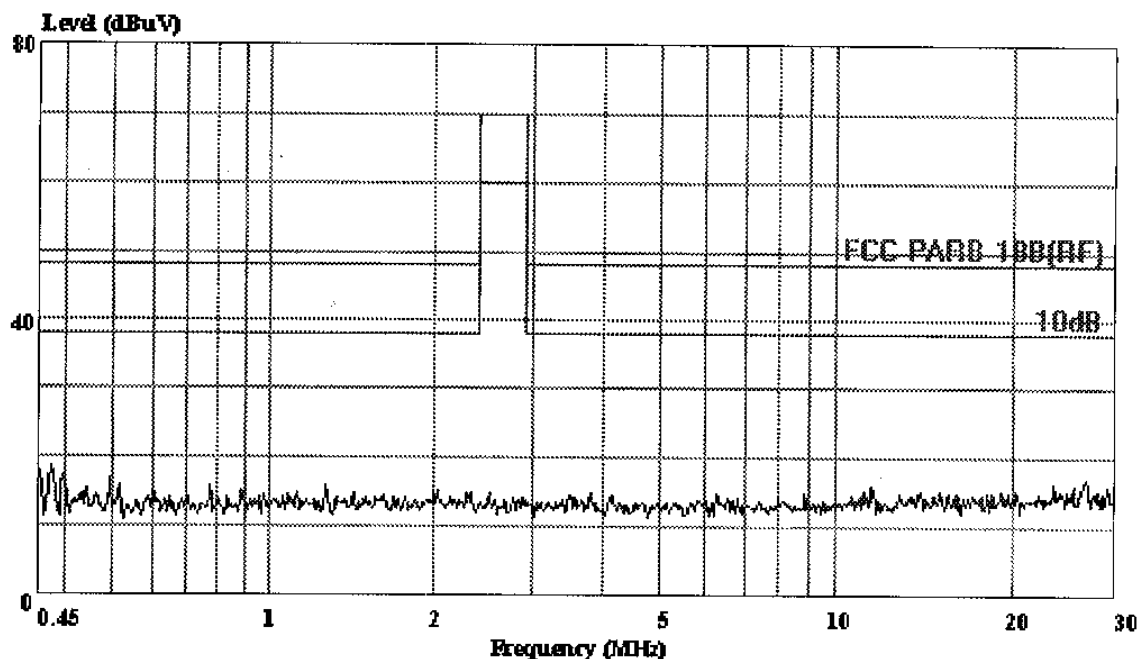


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Tel:0755-26639496
Fax:26632877

Data#: 30 File#: kwo-light co.ltd.EMI

Date: 2004-12-09 Time: 00:02:38



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PART 18B(RF) VA KNW-407
EUT : T4 lamp
M/N : STRA-T4-20W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

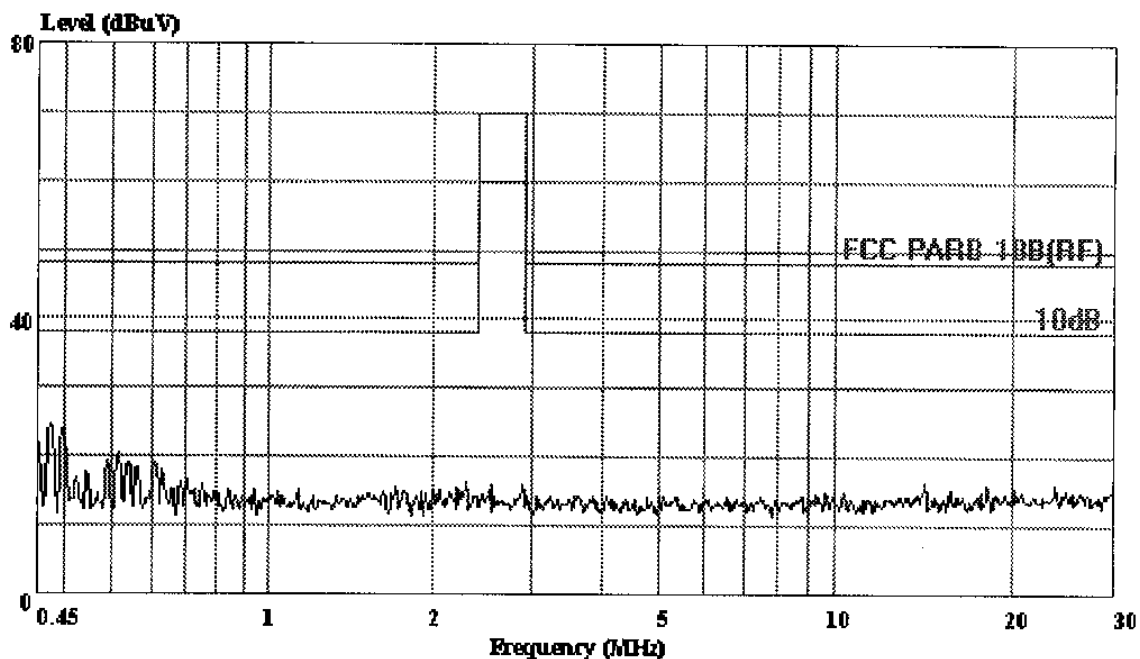


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Tel:0755-26639496
Fax:26632877

Data#: 32 File#: kwo-light co.ltd.EMI

Date: 2004-12-09 Time: 00:03:30



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PART 18B(RF) VB KNW-407
EUT : T4 lamp
M/N : STRA-T4-20W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

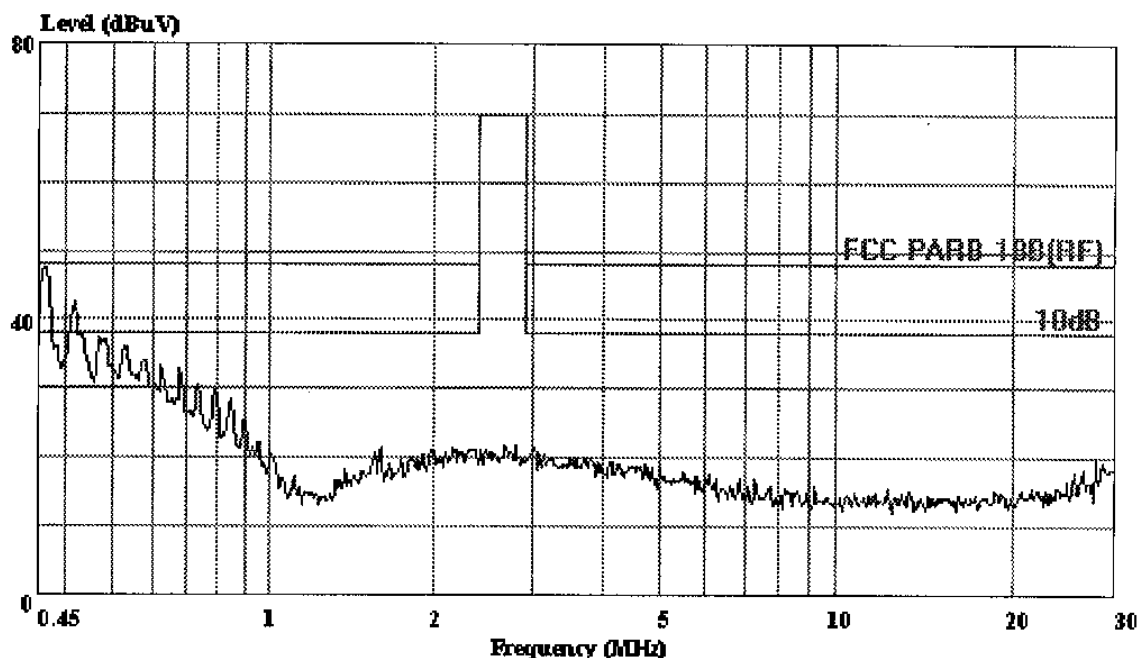


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Shenzhen Science & Ind Park
Tel:0755-26639496
Fax:26632877

Data#: 20 File#: kwo-light co.ltd.EMI

Date: 2004-12-08 Time: 22:40:37



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

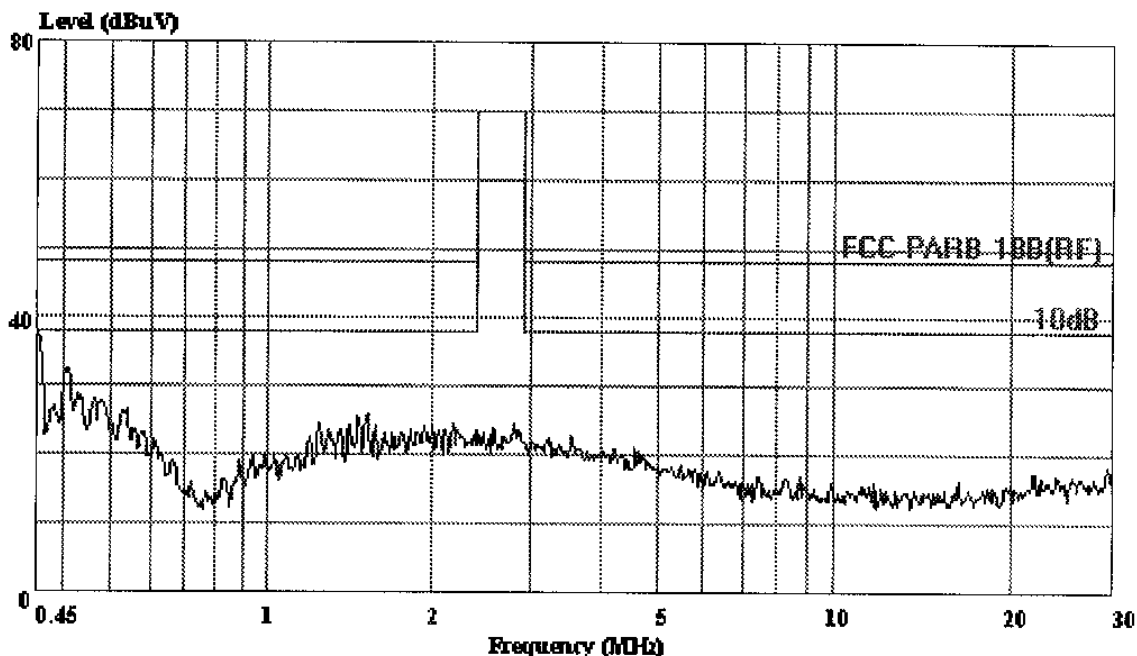
Condition: FCC PARB 18B(RF) VA KNW-407
EUT : T4 lamp
M/N : STRA-T4-24W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

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Data#: 18 File#: kwo-light co.ltd.EMI

Date: 2004-12-08 Time: 22:39:30



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PARB 18B(RF) VB KNW-407
EUT : T4 lamp
M/N : STRA-T4-24W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

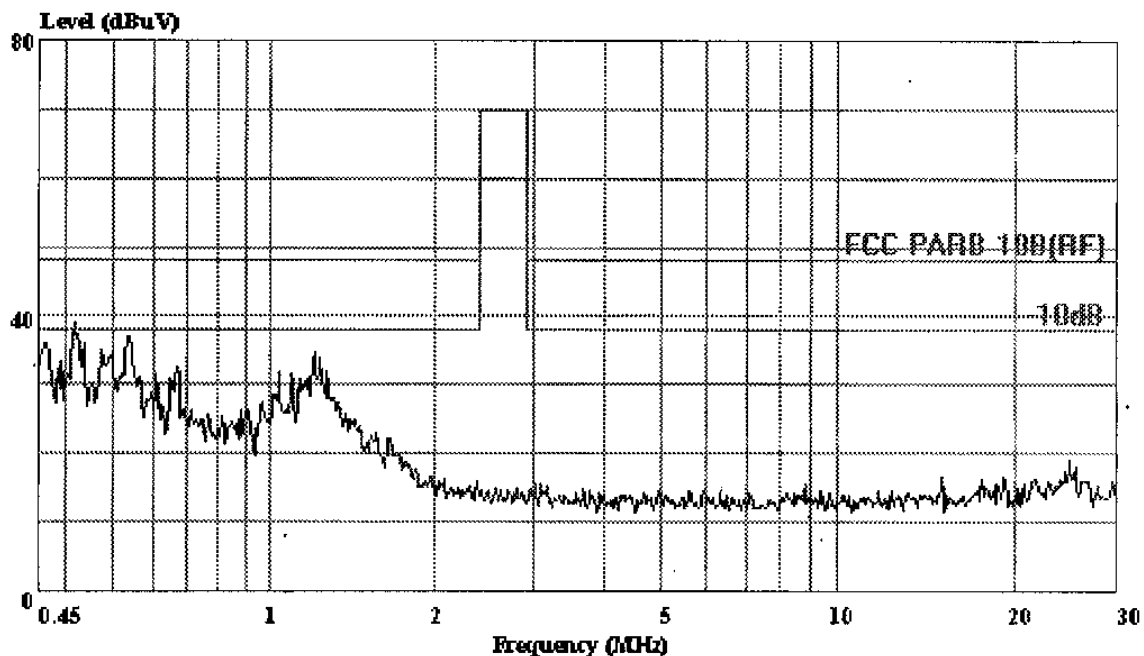


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Tel:0755-26639496
Fax:26632877

Data#: 52 File#: kwo-light co.ltd.EMI

Date: 2004-12-31 Time: 20:02:52



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

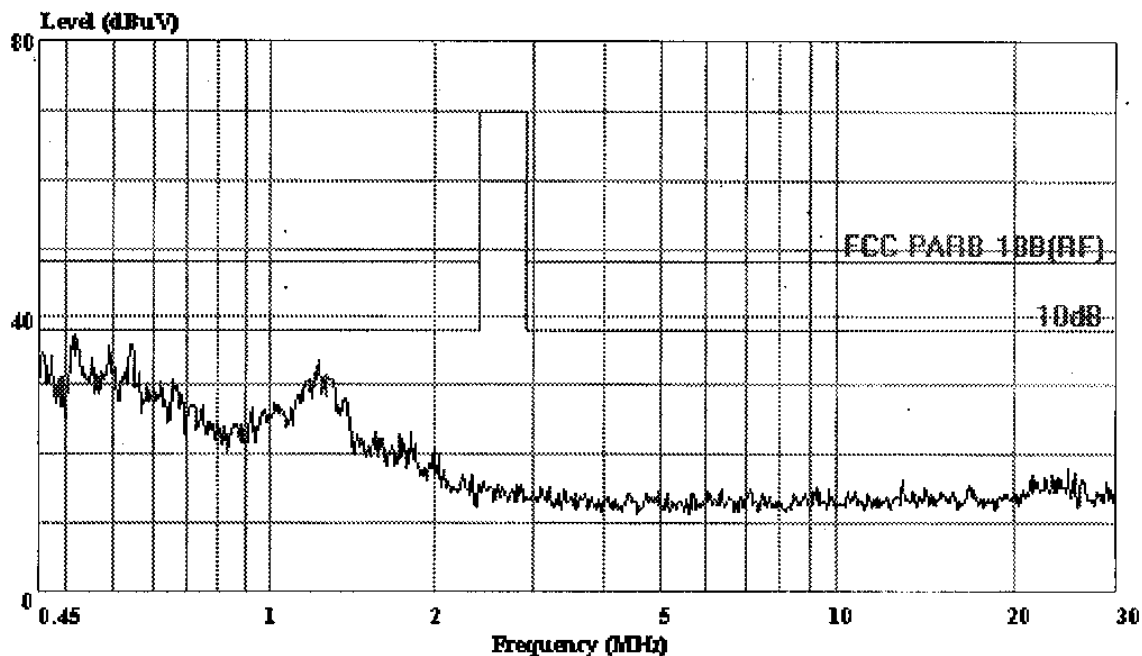
Condition: FCC PARB 18B(RF) VA KNW-407
EUT : T4 lamp
M/N : STRA-T4-28W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

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Data#: 51 File#: kwo-light co.ltd.EMI

Date: 2004-12-31 Time: 20:01:15



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace:

Ref Trace:

Condition: FCC PART 18B(RF) VB KNW-407
EUT : T4 lamp
M/N : STRA-T4-28W
OP Condition : ON
Test Spec : AC 120V/60Hz
Test Engineer: Sworddance
Comment : Temp:23' Humi:54%

APPENDIX II

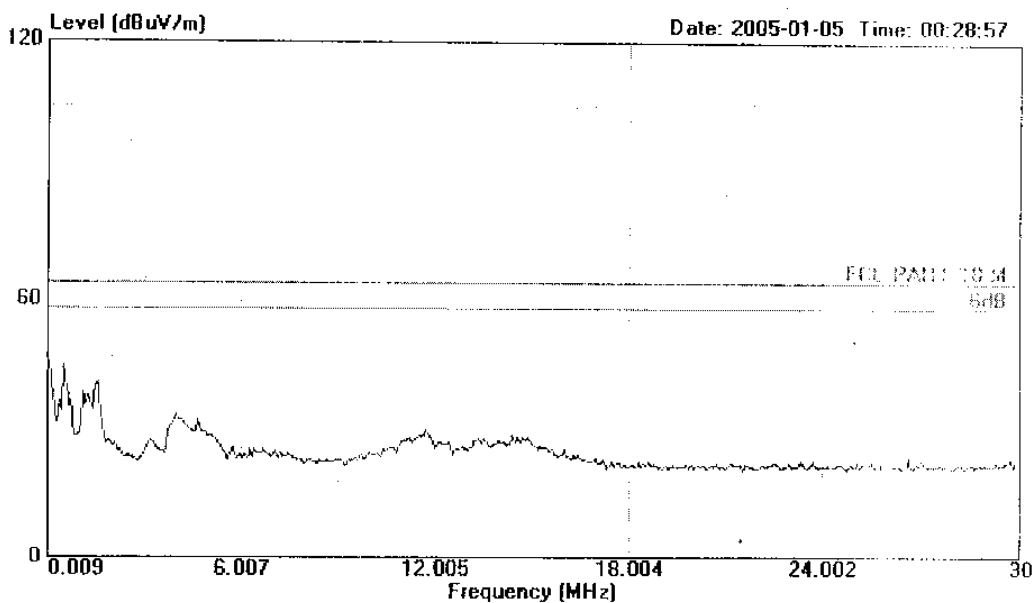


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AUDIX Technology (Shenzhen) Co., Ltd.

No. 6, Ke Feng Road, Block S2,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel: +86-755-26639496 Fax: +86-755-26632877

Data#: 10 File#: C:\EMI TEST DATA\K\KWO-Light.EMI



Site : 1# Chamber
Condition : FCC PART 18 M 3m
EUT : T4 Lamp
M/N : STRA-T4-6W
Power : 120V/60Hz
Test Engineer : Iceman
Test Comment : Temp:24°C Humi:56%
Test Mode : ON

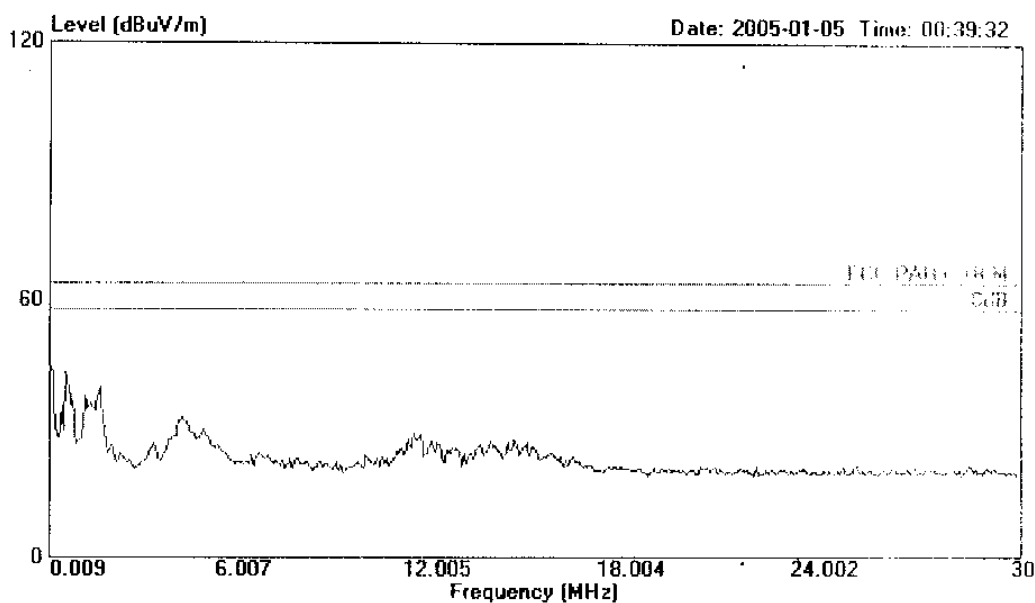


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AUDIX Technology (Shenzhen) Co., Ltd

No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel: +86-755-26639496 Fax: +86-755-26632877

Data#: 12 File#: C:\EMI TEST DATA\K\KWO-Light.EMI



Site : 1# Chamber
Condition : FCC PART 18 M 3m
EUT : T4 Laptop
M/N : STRA-T4-8W
Power : 120V/60Hz
Test Engineer : Iceman
Test Comment : Temp:24°C Humi:56%
Test Mode : ON

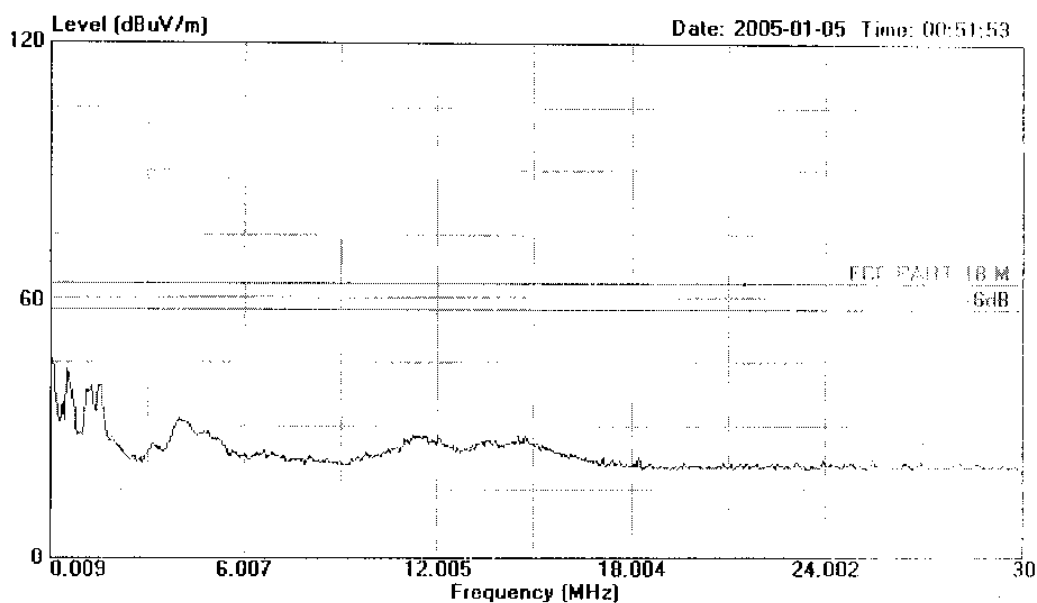


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AUDIX Technology (Shenzhen) Co., Ltd.

No. 6, Ke Feng Road, Block S2,
Shenzhen Science & Industry Park
Mantou, Shenzhen, Guangdong, China
Tel: +86-755-26639496 Fax: +86-755-26632877

Data#: 14 File#: C:\EMI TEST DATA\K\KWO-Light.EMI



Site : 1# Chamber
Condition : FCC PART 18 M 3m
EUT : T4 Lamp
M/N : STRA-T4-12W
Power : 120V/60Hz
Test Engineer : Iceman
Test Comment : Temp:24°C Humi:56%
Test Mode : ON

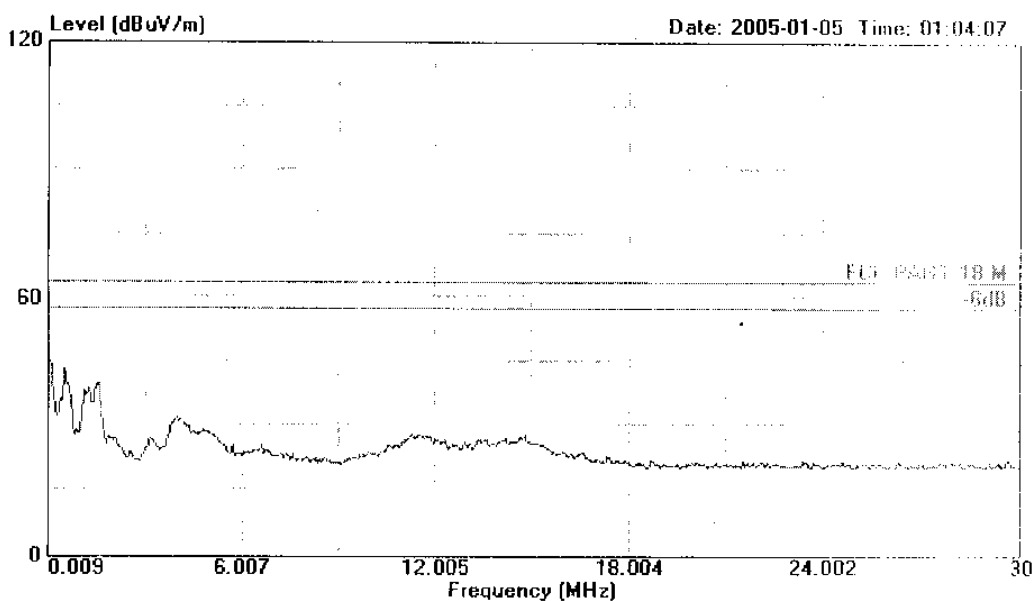


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Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel: +86-755-26639496 Fax: +86-755-26632877

Data#: 16 File#: C:\EMI TEST DATA\K\KWC-Light.EMI



Site : 1# Chamber
Condition : FCC PART 18 M 3m
EUT : T4 Lamp
M/N : STRA-T4-16W
Power : 120V/60Hz
Test Engineer : Iceman
Test Comment : Temp:24°C Humi:56%
Test Mode : ON

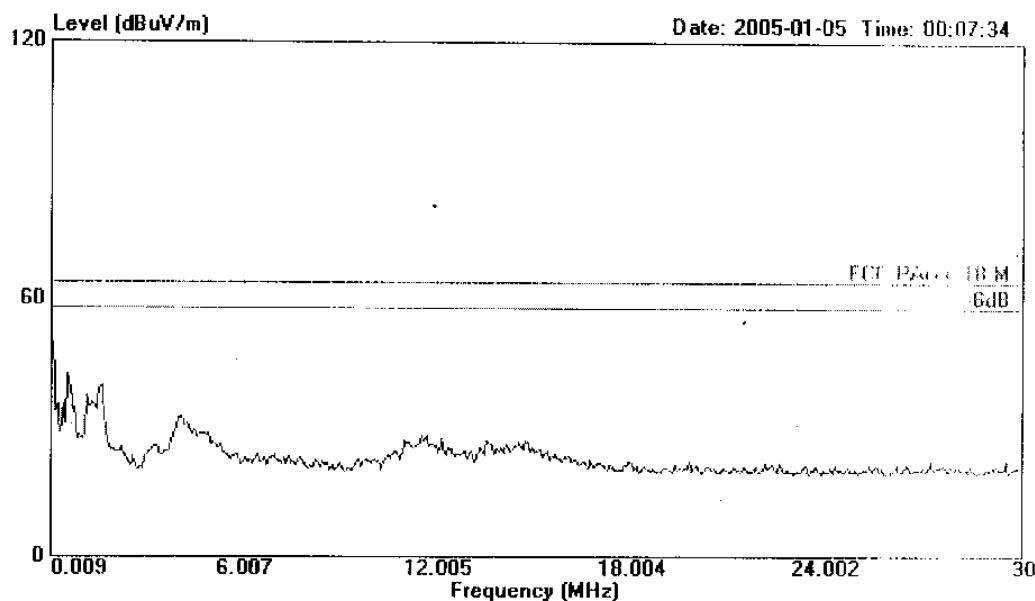


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No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel: +86-755-26639496 Fax: +86-755-26632877

Data#: 6 File#: C:\EMI TEST DATA\K\KWO-Light.EMI



Site : 1# Chamber
Condition : FCC PART 18 M 3m
EUT : T4 Lamp
M/N : STRA-T4-20W
Power : 120V/60Hz
Test Engineer : Iceman
Test Comment : Temp:24°C Humi:56%
Test Mode : ON

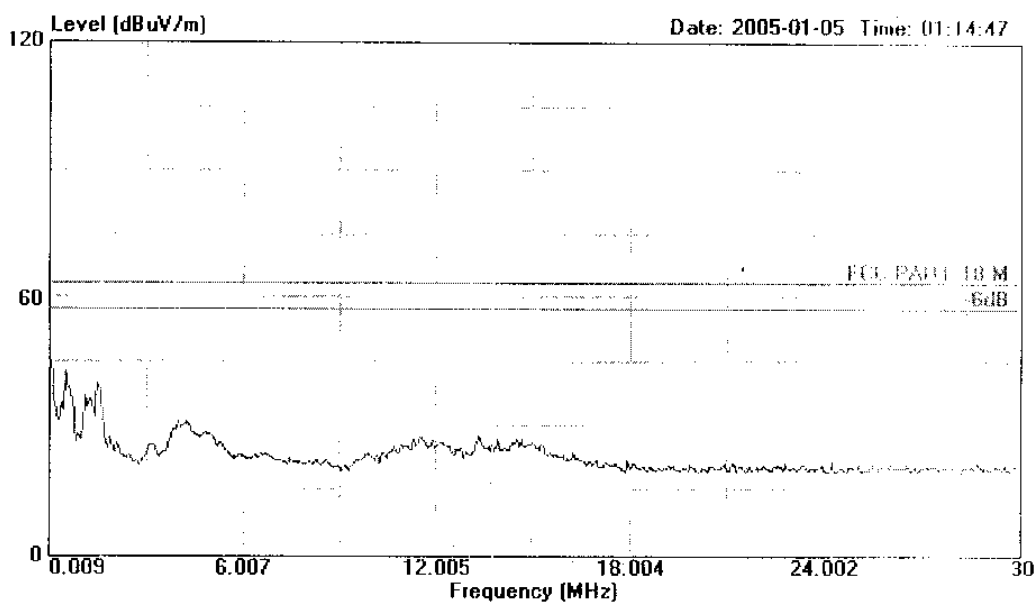


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No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel: +86-755-26639496 Fax: +86-755-26632877

Data#: 18 File#: C:\EMI TEST DATA\K\KWO-Light.EMI



Site : 1# Chamber
Condition : FCC PART 18 M 3m
EUT : T4 Lamp
M/N : STRA-T4-24W
Power : 120V/60Hz
Test Engineer : Iceman
Test Comment : Temp:24°C Humi:56%
Test Mode : ON

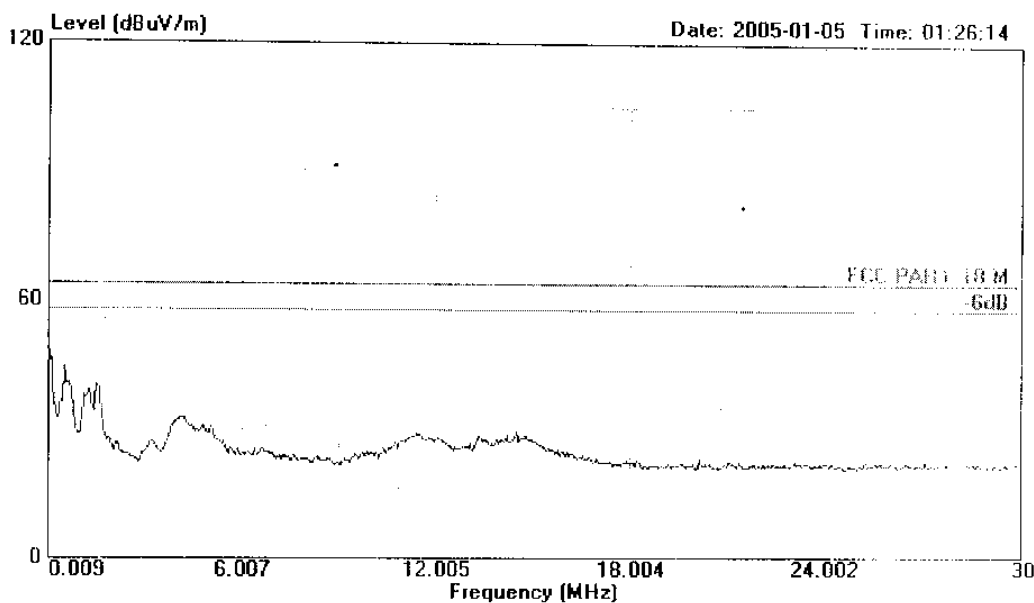


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AUDIX Technology (Shenzhen) Co., Ltd.

No. 6, Ke Feng Road, Block 52,
Shenzhen Science & Industry Park
Nantou, Shenzhen, Guangdong, China
Tel: +86-755-26639496 Fax: +86-755-26632877

Data#: 20 File#: C:\EMI TEST DATA\K\KWO-Light.EMI



Site : 1# Chamber
Condition : FCC PART 18 M 3m
EUT : T4 Lamp
M/N : STRA-T4-28W
Power : 120V/60Hz
Test Engineer : Iceman
Test Comment : Temp:24°C Humi:56%
Test Mode : ON