EXHIBIT 4

Test Report

APPLICATION FOR CERTIFICATION

On Behalf of

Ningbo Global Lamp Co., Ltd.

Energy Saving Lamp

Model Number	:	70405, 70409, 70413, 70315, 70320 50205, 50209, 80109(A), 80205(A)

Prepared for	:	Ningbo Global Lamp Co., Ltd. All 24th F1 181 Zhongshan E Rd Ningbo Zhejiang China

Prepared by	:	Shenzhen Most Technology Co., Ltd C-13B,Shennan Gardon Nanshan Zone Shenzhen Guangdong China

Telephone	:	(0755)26506933
Report Number	:	SMT-F32002
Date of Test	:	July 30, 2002
Date of Report	:	August 27-29, 2002

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TEST REPORT DECLARATION

Applicant	:	Ningbo Global Lamp Co., Ltd..
Manufacturer	:	Ningbo Global Lamp Co., Ltd..
EUT Description	:	Energy Saving Lamps
(A) MODEL NO. :		70405, 70409, 70413, 70315, 70320 50205, 50209, 80109(A), 80205(A)
(B) SERIAL NO. :		F20020808
(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 Shenzhen Most Technology 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 Shenzhen Most Technology 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 Shenzhen Most Technology 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 : July 30. 2002

Prepared by : Totty Su

Totty Su/ Assistant

Reviewer : Amy Zhu

For and on behalf of SHENZHEN MOST TECHNOLOGY CO., LTD.

Amy Zhu / Assistant Manager

Approved & Authorized Signer : Mark Wen

Mark Wen / Manager

Authorized Signature(s)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	Energy Saving Lamp
Model Number	:	**70405, 70409, 70413, 70315, 70320** **50205, 50209, 80109(A), 80205(A)** The 50205,80205(A),70405 are the same just the lamp-chimney is different. The 50209, 70409 are the same just the lamp-chimney is different.
Applicant	:	Ningbo Global Lamp Co., Ltd. All 24th F1 181 Zhongshan E Rd Ningbo Zhejiang China
Manufacturer	:	Ningbo Global Lamp Co., Ltd. All 24th F1 181 Zhongshan E Rd Ningbo Zhejiang China
Date of Test	:	July 30, 2002

1.2. Test Facility

Site Description

3m Anechoic Chamber	:	Certificated by FCC, USA Aug. 24, 2000
3m & 10m Open Site	:	Certificated by FCC, USA Feb. 13, 1998
EMC Lab.	:	Certificated by VCCI, Japan Oct. 29, 1998 Certificated by DATech, German Feb. 02, 1999 Certificated by NVLAP, USA until Mar. 03, 2001 NVLAP Code: 200372-0 Certificated by DNV, Norway May 26, 1999
Name of Firm	:	Audix Technology (Shenzhen) Co., Ltd.
Site Location	:	No. 6, Ke Feng Rd., 52 Block, Shenzhen Science & Industrial Park, Nantou, Shenzhen, Guangdong, P.R China

1.3. Test Uncertainty

Conducted Emission Uncertainty = ±2.66dB

Radiated Emission Uncertainty = ±4.26dB

:

2. POWER LINE CONDUCTED EMISSION TEST

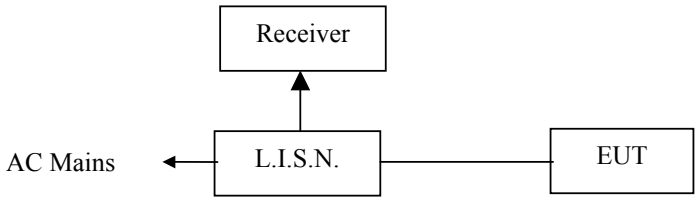
2.1 Test Equipment

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	ESHS20	836600/006	Jun. 04, 02	1 Year
2.	L.I.S.N.	Kyoritsu	KNW-407	8-541-4	Jun. 04, 02	1 Year
3.	Terminator	EMCO	50Ω	No. 1	Jun. 04, 02	1 Year
4.	Terminator	EMCO	50Ω	No. 2	Jun. 04, 02	1 Year
5.	RF Cable	FUJIKURA	RG-55/U	LISN Cable	Feb 28, 02	1/2 Year
6.	Passive Probe	Rohde & Schwarz	ESH-Z3	299.7810.52	Jun. 04, 02	1 Year
7.	Coaxial Switch	Anritsu	MP59B	M73989	Feb.28, 02	1/2 Year

2.2 Block Diagram of Test Setup

Block diagram of connection between the EUT and simulators



(EUT: Saving Lamp)

2.3 Power Line Conducted Emission Test Limits

Frequency MHz	Maximum RF Line Voltage dB(μV)
0.45 ~ 2.51	48
2.51 ~ 3.0	70
3.0 ~ 30	48

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 Saving Lamp (EUT)

Model Number : 70405, 70409, 70413, 70315, 70320
50205, 50209, 80109(A), 80205(A)

Manufacturer : Ningbo Global Lamp Co., Ltd.
All 24th F1 181 Zhongshan E Rd Ningbo Zhejiang China

2.5 Operating Condition of EUT

2.5.1 Setup the EUT and simulator as shown as 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.). 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 C63.4-2000 on Conducted Emission Test.

The bandwidth of test receiver (R & S ESHS20) is set at 10KHz.

The frequency range from 450KHz 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 450KHz to 30 MHz is investigated. All emissions not reported below are too low against the prescribed limits

And the Test Data, Please see Appendix I

3. MODIFICATION TO TEST SPECIFICATIONS

[NONE]

4. PHOTOGRAPH

4.1. Photo of Power Line Conducted Emission Test

APPENDIX 1
Conduction Test Data

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.
Shenzhen Science & Ind Park
Nantou,Guangdong,China
Tel:0755-26639495~7
Fax:0755-26632877

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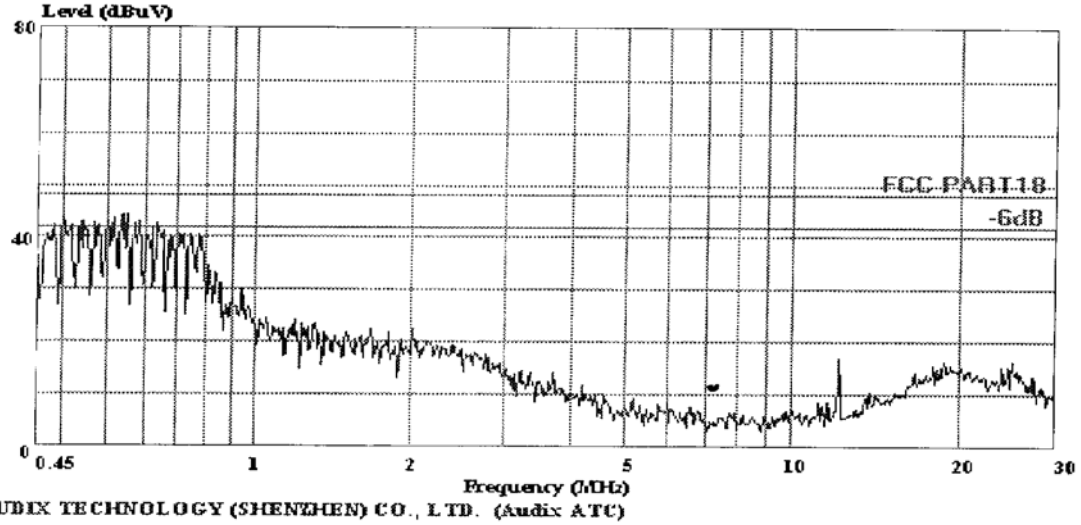

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace: Ref Trace:

Condition: FCC PART18 VA(KNW-407)
EUT : Energy Saving Lamp
M/N : 70405
POWER : AC 120V/60Hz
OP Cond:: Lighting

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.
Shenzhen Science & Ind Park
Nantou,Guangdong,China
Tel:0755-26639495~7
Fax:0755-26632877

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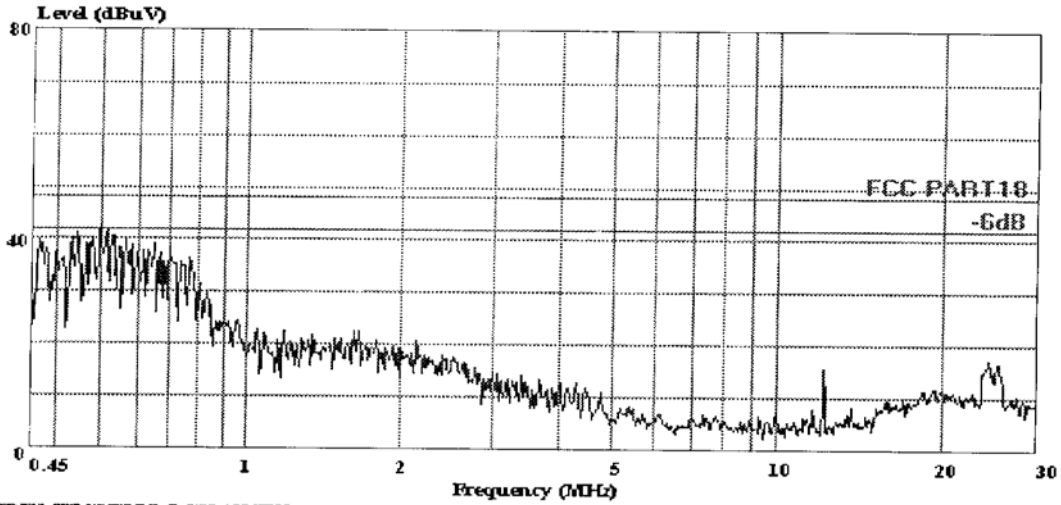

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace: Ref Trace:

Condition: FCC PART18 VB(KNW-407)
EUT : Energy Saving Lamp
M/N : 70405
POWER : AC 120V/60Hz
OP Cond:: Lighting

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.
Shenzhen Science & Ind Park
Nantou,Guangdong,China
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Fax:0755-26632877

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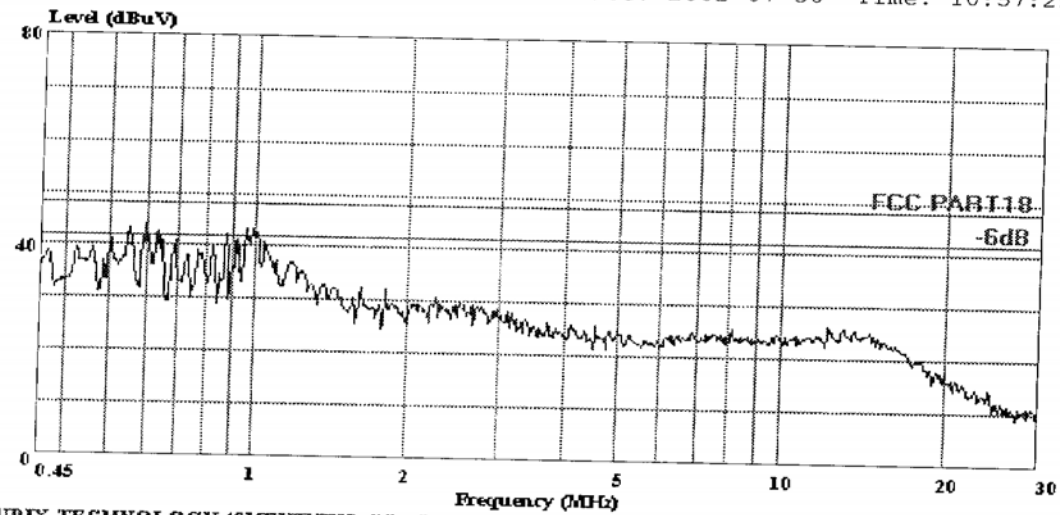

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace: Ref Trace:

Condition: FCC PART18 VB(KNW-407)
EUT: : Energy Saving Lamp
M/N: : 70409
POWER: : AC 120V/60Hz
OP Cond:: Lighting

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.
Shenzhen Science & Ind Park
Nantou,Guangdong,China
Tel:0755-26639495~7
Fax:0755-26632877

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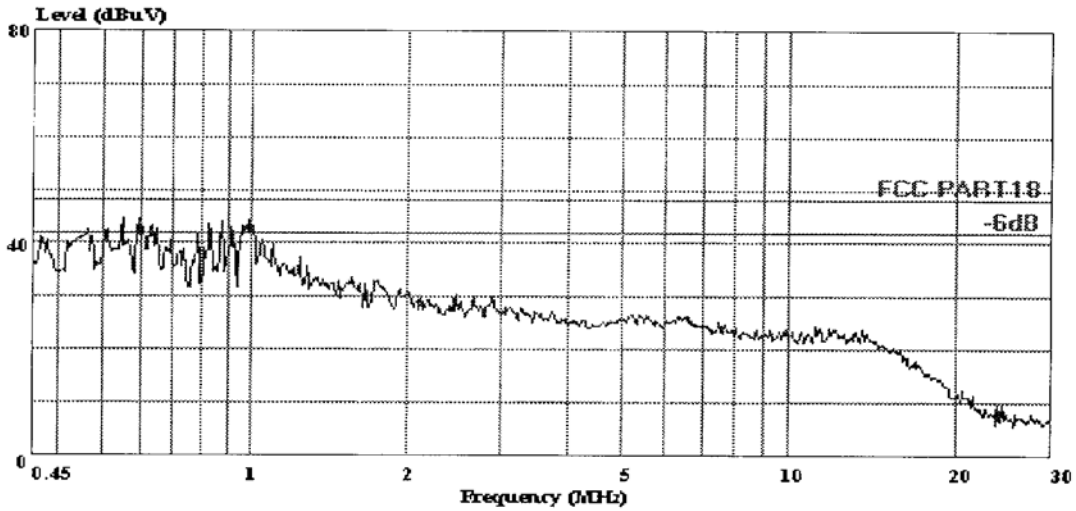

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace: Ref Trace:

Condition: FCC PART18 VA(KNW-407)
EUT: : Energy Saving Lamp
M/N: : 70409
POWER: : AC 120V/60Hz
OP Cond:: Lighting

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.
Shenzhen Science & Ind Park
Nantou,Guangdong,China
Tel:0755-26639495~7
Fax:0755-26632877

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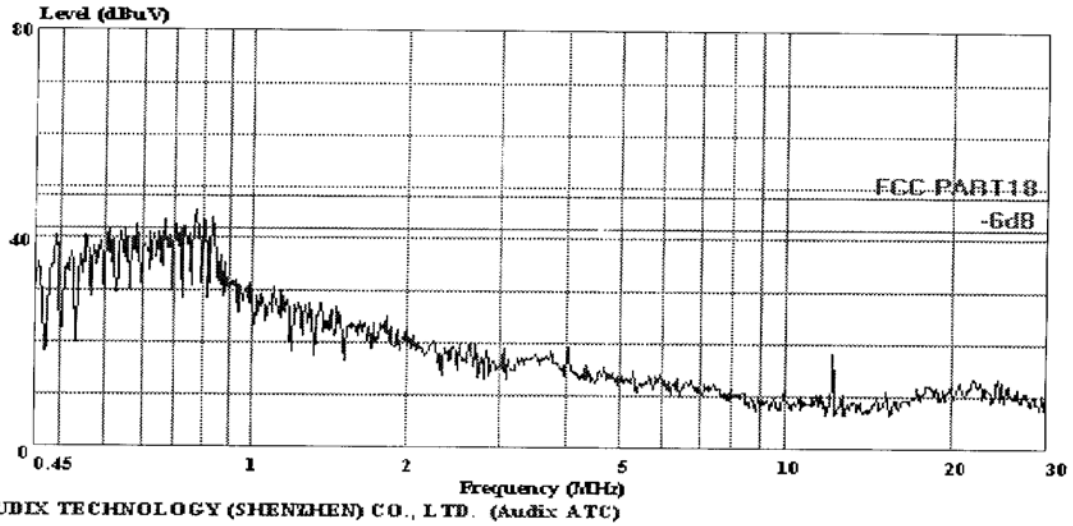

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EUT : Energy Saving Lamp
M/N : 70413
POWER : AC 120V/60Hz
OP Cond:: Lighting

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.
Shenzhen Science & Ind Park
Nantou,Guangdong,China
Tel:0755-26639495~7
Fax:0755-26632877

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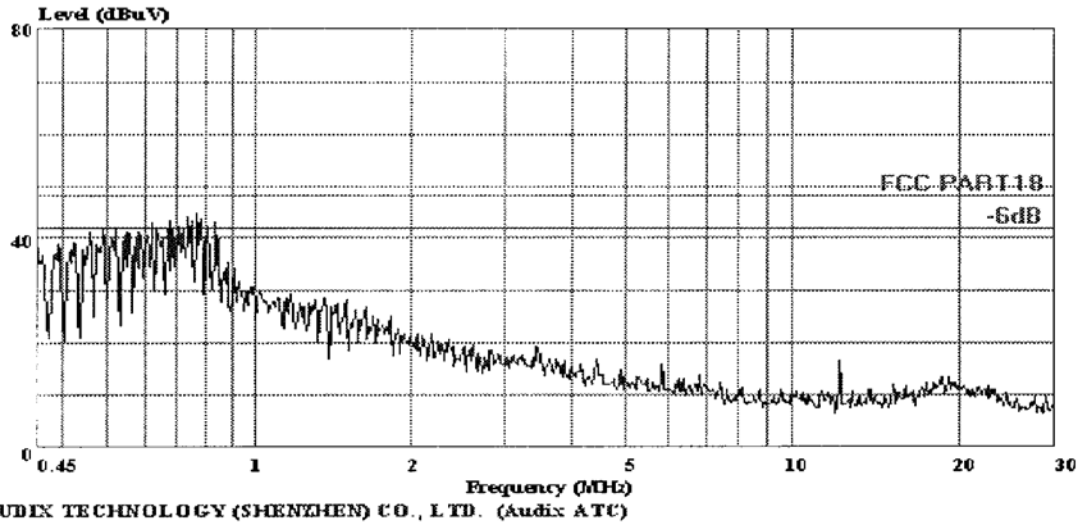

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Condition: FCC PART18 VA(KNW-407)
EUT : Energy Saving Lamp
M/N : 70413
POWER : AC 120V/60Hz
OP Cond:: Lighting

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.
Shenzhen Science & Ind Park
Nantou,Guangdong,China
Tel:0755-26639495~7
Fax:0755-26632877

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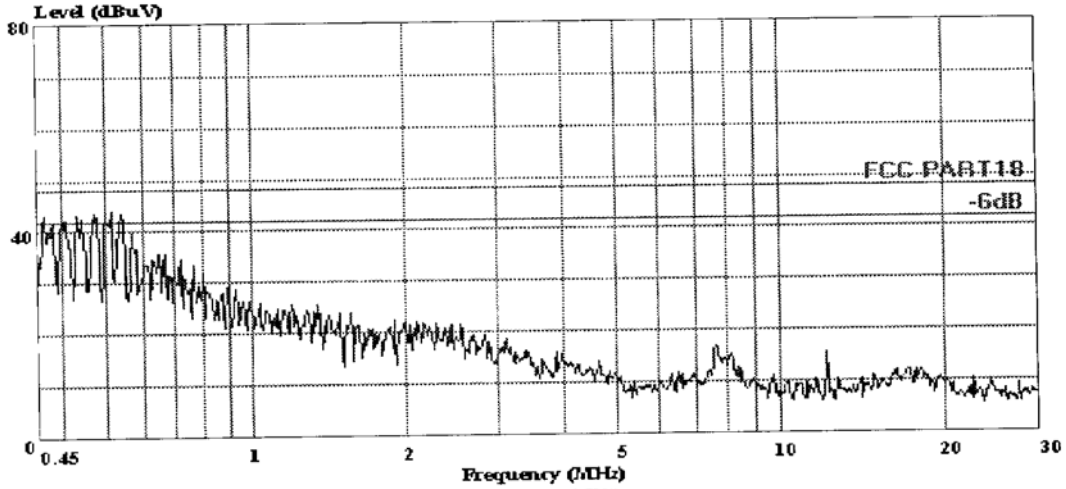

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace: Ref Trace:

Condition: FCC PART18 VB(KNW-407)
EUT : Energy Saving Lamp
M/N : 70315
POWER : AC 120V/60Hz
OP Cond:: Lighting

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.
Shenzhen Science & Ind Park
Nantou,Guangdong,China
Tel:0755-26639495~7
Fax:0755-26632877

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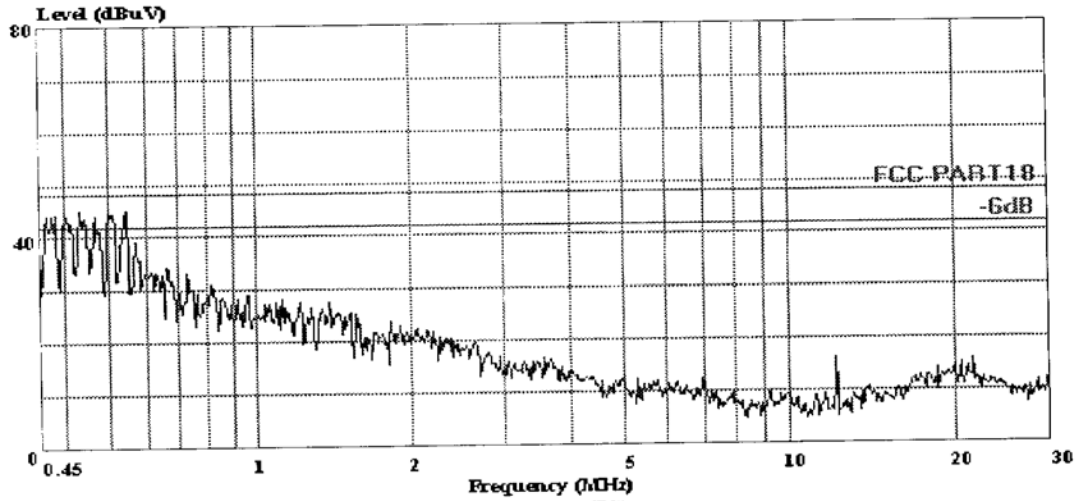

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace: Ref Trace:

Condition: FCC PART18 VA(KNW-407)
EUT : Energy Saving Lamp
M/N : 70315
POWER : AC 120V/60Hz
OP Cond:: Lighting

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.
Shenzhen Science & Ind Park
Nantou,Guangdong,China
Tel:0755-26639495~7
Fax:0755-26632877

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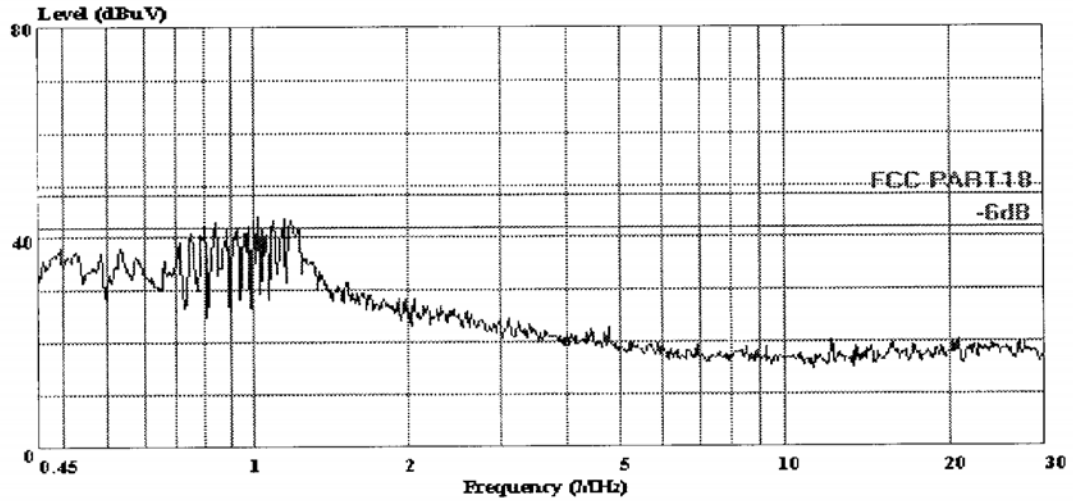

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace: Ref Trace:

Condition: FCC PART18 VB(KNW-407)
EUT : Energy Saving Lamp
M/N : 70320
POWER : AC 120V/60Hz
OP Cond:: Lighting

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.
Shenzhen Science & Ind Park
Nantou,Guangdong,China
Tel:0755-26639495~7
Fax:0755-26632877

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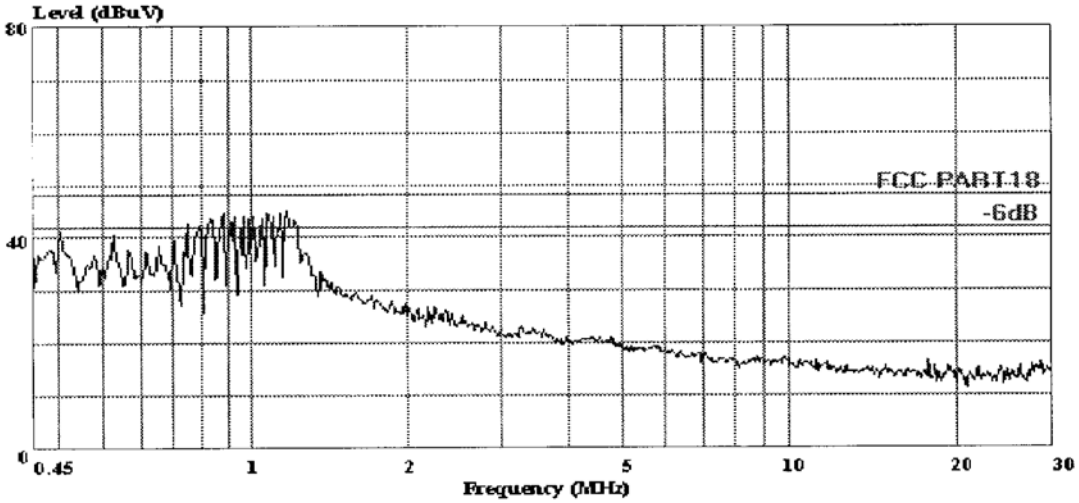

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)

Trace: Ref Trace:

Condition: FCC PART18 VA(KNW-407)
EUT : Energy Saving Lamp
M/N : 70320
POWER : AC 120V/60Hz
OP Cond:: Lighting

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.
Shenzhen Science & Ind Park
Nantou,Guangdong,China
Tel:0755-26639495~7
Fax:0755-26632877

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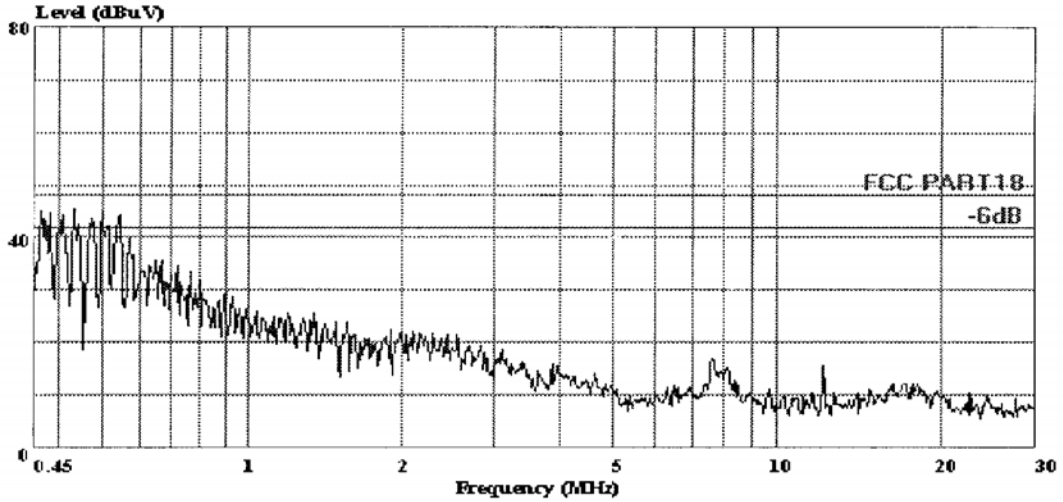

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)
Trace: Ref Trace:

Condition: FCC PART18 VB(KNW-407)
EUT : Energy Saving Lamp
M/N : 80109
POWER : AC 120V/60Hz
OP Cond:: Lighting

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.
Shenzhen Science & Ind Park
Nantou,Guangdong,China
Tel:0755-26639495~7
Fax:0755-26632877

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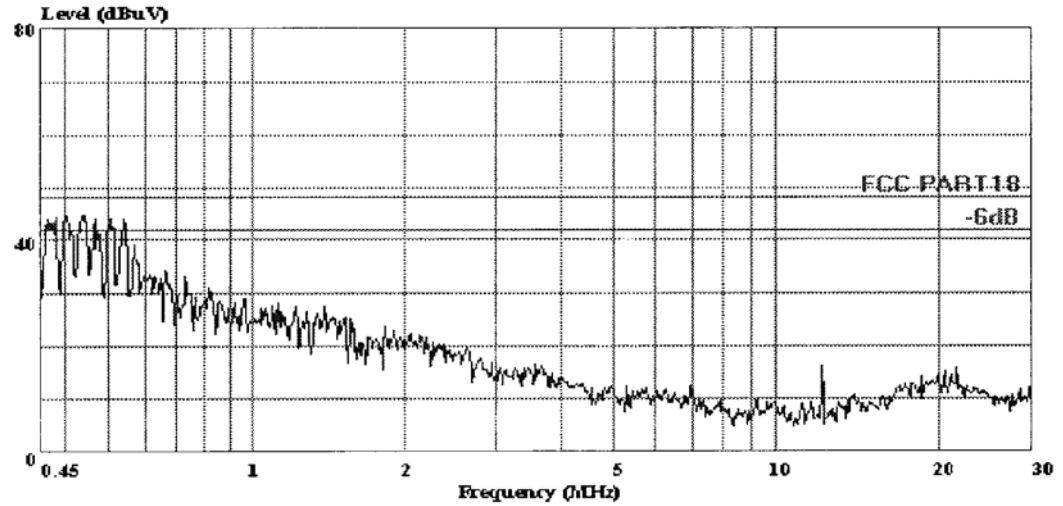

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix ATC)
Trace: Ref Trace:

Condition: FCC PART18 VA(KNW-407)
EUT : Energy Saving Lamp
M/N : 80109
POWER : AC 120V/60Hz
OP Cond:: Lighting