

Huizhou TCL Light Electrical Appliances Co., Ltd.

Electronic Energy Saving Lamp

Model Number: EUT 15W 18W 20W 23W 25W /  
SRE 15W 18W 20W 23W 25W

Prepared for : Huizhou TCL Light Electrical Appliances Co., Ltd.  
No.26, the Third Road of Zhangkai Avenue,  
Huizhou, Guangdong, P.R. China

Prepared By : Audix Technology (Shenzhen) Co., Ltd.  
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Report Number : ACS-F01076  
Date of Test : Jun. 06 ~ 07, 2001  
Date of Report : Jun. 28, 2001

# TABLE OF CONTENTS

| Description  | Page       |
|--|------------|
| FCC Test Report for Declaration of Conformity                    |            |
| <b>1. GENERAL INFORMATION .....</b>                              | <b>4</b>   |
| 1.1. Description of Device (EUT) .....                           | 4          |
| 1.2. Test Facility .....   | 5          |
| 1.3. Test Uncertainty .....                                      | 5          |
| <b>2. POWER LINE CONDUCTED EMISSION TEST .....</b>               | <b>6</b>   |
| 2.1. Test Equipment.....   | 6          |
| 2.2. Block Diagram of Test Setup .....                           | 6          |
| 2.3. Power Line Conducted Emission Test Limits .....             | 6          |
| 2.4. Configuration of EUT on Test.....                           | 7          |
| 2.5. Operating Condition of EUT .....                            | 7          |
| 2.6. Test Procedure .....  | 7          |
| 2.7. Power Line Conducted Emission Test Results.....             | 8          |
| <b>3. RADIATED EMISSION TEST .....</b>                           | <b>9</b>   |
| 3.1. Test Equipment.....   | 9          |
| 3.2. Block Diagram of Test Setup .....                           | 9          |
| 3.3. Radiated Emission Limit .....                               | 10         |
| 3.4. EUT Configuration on Test.....                              | 10         |
| 3.5. Operating Condition of EUT .....                            | 10         |
| 3.6. Test Procedure .....  | 11         |
| 3.7. Radiated Emission Test Results .....                        | 11         |
| <b>4. MODIFICATION TO TEST SPECIFICATIONS.....</b>               | <b>12</b>  |
| <b>5. PHOTOGRAPH .....</b>                                       | <b>13</b>  |
| 5.1. Photos of Power Line Conducted Emission Test .....          | 13         |
| 5.2. Photos of Radiated Emission Test (In Anechoic Chamber)..... | 14         |
| APPENDIX I   | (13 pages) |
| APPENDIX II  | (13 pages) |

# TEST REPORT DECLARATION

Applicant : Huizhou TCL Light Electrical Appliances Co., Ltd.  
Manufacturer : Huizhou TCL Light Electrical Appliances Co., Ltd..  
EUT Description : Electronic Energy Saving Lamp  
(A) MODEL NO. : EUT 15W 18W 20W 23W 25W /  
SRE 15W 18W 20W 23W 25W  
(B)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 : Jun. 06 ~ 07, 2001

Prepared by : Fanny Yang  
(Assistant: Fanny Yang)

Reviewer : Rees Zeng  
(Engineer: Rees Zeng)

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

Approved & Authorized Signer : Alex Deng  
(Assistant Manager)

Name of the Representative of the Responsible Party : \_\_\_\_\_

Signature : \_\_\_\_\_

# 1. GENERAL INFORMATION

## 1.1. Description of Device (EUT)

Description : Electronic Energy Saving Lamp

Model Number : EUT 15W 18W 20W 23W 25W /  
SRE 15W 18W 20W 23W 25W

Applicant : Huizhou TCL Light Electrical Appliances Co., Ltd.  
  
No.26, the Third Road of Zhangkai Avenue,  
Huizhou, Guangdong, P.R. China

Manufacturer : Huizhou TCL Light Electrical Appliances Co., Ltd.  
  
No.26, the Third Road of Zhangkai Avenue,  
Huizhou, Guangdong, P.R. China

Date of Test : Jun. 06 ~ 07, 2001

## 1.2. Test Facility

### Site Description

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

## 1.3. Test Uncertainty

Conducted Emission Uncertainty =  $\pm 2.66\text{dB}$

Radiated Emission Uncertainty =  $\pm 4.26\text{dB}$

## 2. POWER LINE CONDUCTED EMISSION TEST

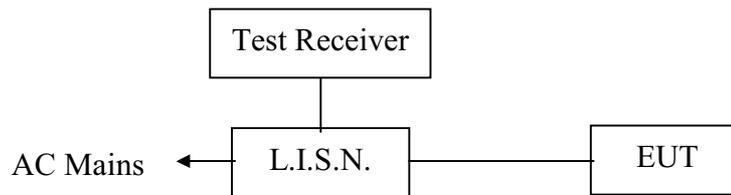
### 2.1. Test Equipment

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. 03, 01 | 1 Year        |
| 2.   | L.I.S.N.       | Kyoritsu        | KNW-407   | 8-541-4    | Jun. 03, 01 | 1 Year        |
| 3.   | Terminator     | EMCO            | 50Ω       | No. 1      | Jun. 03, 01 | 1 Year        |
| 4.   | Terminator     | EMCO            | 50Ω       | No. 2      | Jun. 03, 01 | 1 Year        |
| 5.   | RF Cable       | FUJIKURA        | RG-55/U   | LISN Cable | Feb. 27, 01 | 1/2 Year      |
| 6.   | Coaxial Switch | Anritsu         | MP59B     | M73989     | Jun. 02, 01 | 1/2 Year      |

### 2.2. Block Diagram of Test Setup

#### 2.2.1. Block diagram of connection between the EUT and simulators



*(EUT: Electronic Energy Saving Lamp)*

### 2.3. Power Line Conducted Emission Test Limits

| Frequency<br>MHz | Maximum RF Line Voltage |        |
|------------------|-------------------------|--------|
|                  | μV                      | dB(μV) |
| 0.45 ~ 30        | 250                     | 48     |

Remarks: RF Line Voltage (dB(μV)) = 20 log RF Line Voltage (μV)

## 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. Electronic Energy Saving Lamp (EUT)

|              |   |  |
|--------------|---|--|
| Model Number | : | EUT 15W 18W 20W 23W 25W /<br>SRE 15W 18W 20W 23W 25W |
| Manufacturer | : | Huizhou TCL Light Electrical Appliances Co., Ltd.    |

## 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 put on a table which is 0.8m above the ground, it 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 C63.4-1992 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.

|                 |                                      |               |             |
|-----------------|--------------------------------------|---------------|-------------|
| Date of Test :  | <u>Jun. 06, 2001</u>                 | Temperature : | <u>21°C</u> |
| EUT :           | <u>Electronic Energy Saving Lamp</u> | Humidity :    | <u>56%</u>  |
| Model No. :     | <u>EUT 25W</u>                       | Test Mode :   | <u>ON</u>   |
| Test Engineer : | <u>Jimmy</u>                         |               |             |

| Frequency<br>MHz | Reading            |                    | Limit<br>dB(μV) |
|------------------|--------------------|--------------------|-----------------|
|                  | Phase VA<br>dB(μV) | Phase VB<br>dB(μV) |                 |
| <b>0.489</b>     | <b>42.00</b>       | *                  | <b>48.00</b>    |

Remark : 1. All readings are Quasi-Peak values.  
2. The worst emission is detected at 0.489MHz with corrected signal level of 42.00dB(μV) (limit is 48dB(μV)) when the VA side of the EUT is connected to L.I.S.N.

|                 |                                      |               |             |
|-----------------|--------------------------------------|---------------|-------------|
| Date of Test :  | <u>Jun. 06, 2001</u>                 | Temperature : | <u>21°C</u> |
| EUT :           | <u>Electronic Energy Saving Lamp</u> | Humidity :    | <u>56%</u>  |
| Model No. :     | <u>SRE 25W</u>                       | Test Mode :   | <u>ON</u>   |
| Test Engineer : | <u>Jimmy</u>                         |               |             |

| Frequency<br>MHz | Reading            |                    | Limit<br>dB(μV) |
|------------------|--------------------|--------------------|-----------------|
|                  | Phase VA<br>dB(μV) | Phase VB<br>dB(μV) |                 |
| <b>0.469</b>     | <b>43.40</b>       | *                  | <b>48.00</b>    |
| 0.567            | 41.87              | *                  | 48.00           |
| 0.708            | 40.57              | *                  | 48.00           |
| 0.783            | 39.52              | *                  | 48.00           |
| 0.904            | 37.59              | *                  | 48.00           |
| 1.101            | 35.68              | *                  | 48.00           |

Remark : 1. All readings are Quasi-Peak values.  
2. The worst emission is detected at 0.469MHz with corrected signal level of 43.40dB(μV) (limit is 48dB(μV)) when the VA side of the EUT is connected to L.I.S.N.

### 3. RADIATED EMISSION TEST

#### 3.1. Test Equipment

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

##### 3.1.1. For Anechoic Chamber

| Item | Equipment         | Manufacturer    | Model No. | Serial No.      | Last Cal.   | Cal. Interval |
|------|-------------------|-----------------|-----------|-----------------|-------------|---------------|
| 1.   | EMI Test Receiver | HP              | 85422E    | 3625A00181      | Jun. 03, 01 | 1 Year        |
| 2.   | Test Receiver     | Rohde & Schwarz | ESVS20    | 830350/005      | Jun. 03, 01 | 1 Year        |
| 3.   | Amplifier         | HP              | 8447D     | 2944A07794      | Jun. 02, 01 | 1/2 Year      |
| 4.   | Bilog Antenna     | Chase           | CBL6112A  | 2176            | Mar. 24, 01 | 1 Year        |
| 5.   | Computer          | N/A             | N/A       | N/A             | N/A         | N/A           |
| 6.   | Printer           | NEC             | P3800     | 568101448       | N/A         | N/A           |
| 7.   | RF Cable          | MIYAZAKI        | 5D-2W     | 3# Chamber No.1 | Feb.08, 01  | 1/2 Year      |
| 8.   | RF Cable          | MIYAZAKI        | 5D-2W     | 3# Chamber No.2 | Feb.08, 01  | 1/2 Year      |
| 9.   | RF Cable          | FUJIKURA        | RG-55/U   | 3# Chamber No.3 | Feb.08, 01  | 1/2 Year      |
| 10.  | RF Cable          | FUJIKURA        | RG-55/U   | 3# Chamber No.4 | Feb.08, 01  | 1/2 Year      |
| 11.  | Coaxial Switch    | Anritsu         | MP59B     | M74389          | Jun. 02, 01 | 1/2 Year      |

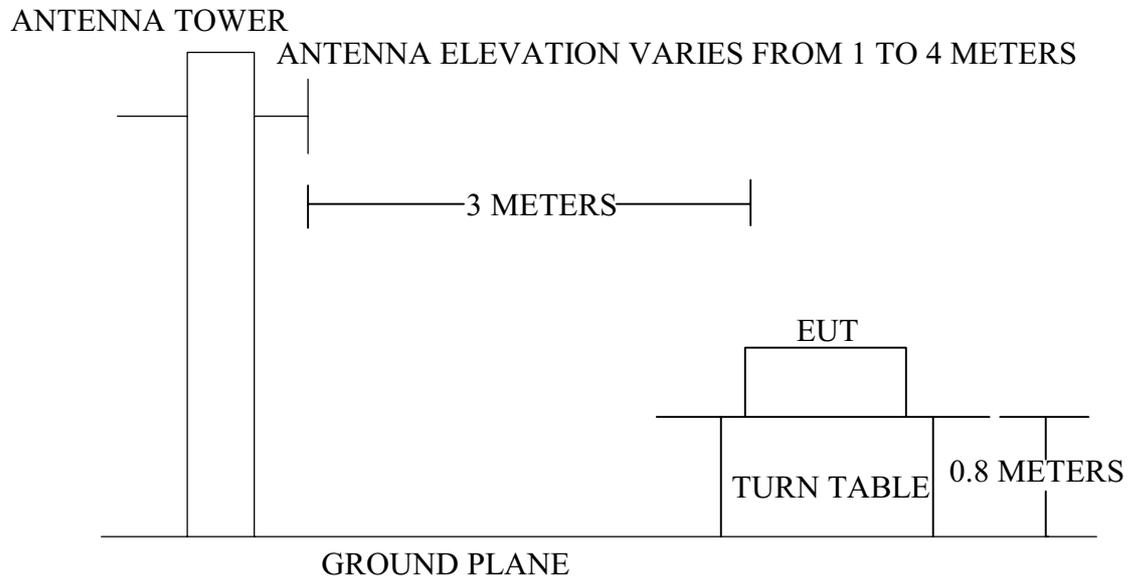
#### 3.2. Block Diagram of Test Setup

##### 3.2.1. Block diagram of connection between the EUT and simulators



(EUT: Electronic Energy Saving Lamp)

##### 3.2.2. Test Setup Diagram in Anechoic Chamber



### 3.3.Radiated Emission Limit

| FREQUENCY<br>MHz | DISTANCE<br>Meters | FIELD STRENGTHS LIMIT  |                                   |
|------------------|--------------------|------------------------|-----------------------------------|
|                  |                    | $\mu\text{V}/\text{m}$ | $\text{dB}(\mu\text{V})/\text{m}$ |
| 30 ~ 88          | 3                  | 100                    | 40.0                              |
| 88 ~ 216         | 3                  | 150                    | 43.5                              |
| 216 ~ 960        | 3                  | 200                    | 46.0                              |
| 960 ~ 1000       | 3                  | 500                    | 54.0                              |

- Remark :
- (1) Emission level  $(\text{dB})\mu\text{V} = 20 \log$  Emission level  $\mu\text{V}/\text{m}$
  - (2) The smaller limit shall apply at the cross point between two frequency bands.
  - (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

### 3.4.EUT Configuration on Test

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

#### 3.4.1.Electronic Energy Saving Lamp (EUT)

- Model Number : EUT 15W 18W 20W 23W 25W /  
SRE 15W 18W 20W 23W 25W
- Manufacturer : Huizhou TCL Light Electrical Appliances Co., Ltd.

### 3.5.Operating Condition of EUT

1. Setup the EUT as shown in Section 3.2..
2. Let the EUT work in test mode (ON) and test it.

### 3.6. Test Procedure

The EUT and its simulators are placed on a turn table, which is 0.8 meter high above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission levels. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna are set on test. In order to find the maximum emission levels, all of the interface cables must be manipulated according to MP-5/1986 on Radiated Emission Test.

The bandwidth of the EMI test receiver (R&S ESVS20) is set at 120KHz.

The frequency range from 30MHz to 1000MHz is checked.

The test mode (ON) are tested in Anechoic Chamber and all the scanning waveforms are attached in Appendix II.

### 3.7. Radiated Emission Test Results

**PASS.**

The frequency range from 30MHz to 1000MHz is investigated.

Please see the following pages.

As the peak value is too low against the limit, So the Quasi-peak and average value had been omitted. Please see Appendix II.

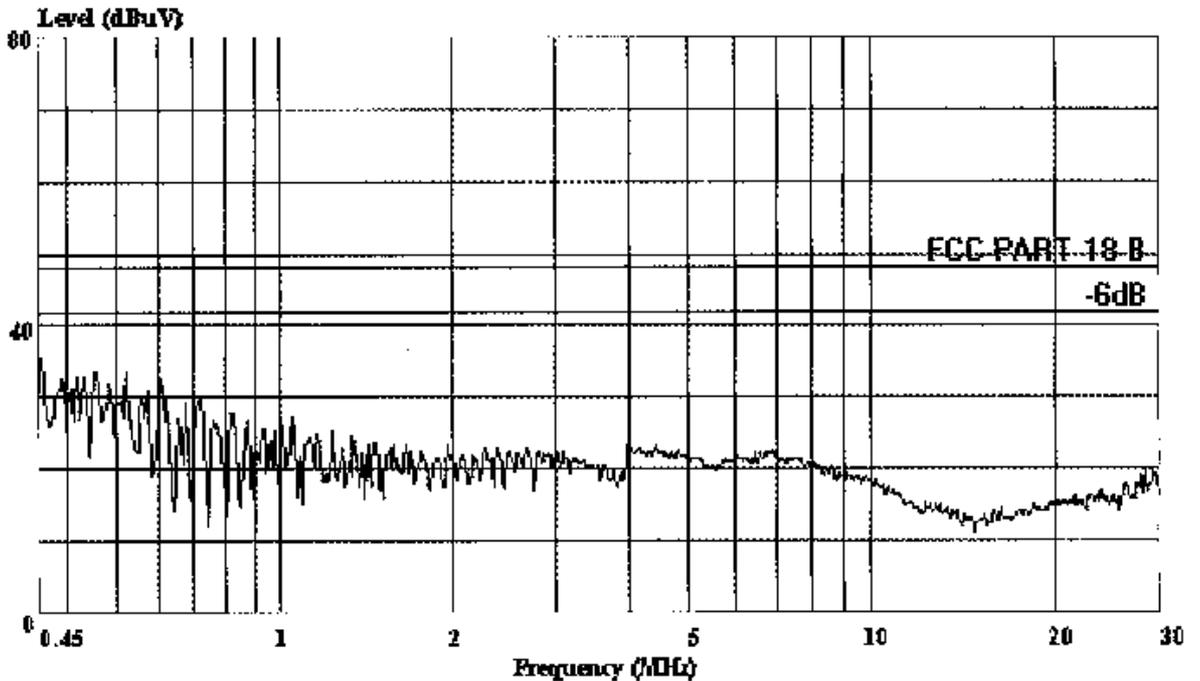
#### **4. MODIFICATION TO TEST SPECIFICATIONS**

[ NONE ]

# APPENDIX I

Data#: 88 File#: Tcl.emi

Date: 2001-06-06 Time: 10:08:32



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

Trace:

Ref Trace:

Condition: FCC PART 18 B  
Eut: : Electronic Energy-Saving Lamp M/N:EUT15  
Manuf: : TCL  
OP Cond: : ON  
Operator: : Jimmy  
Test Spec: : 120V 60Hz Va  
Comment: : Temp:21'C  
: Humi:56%

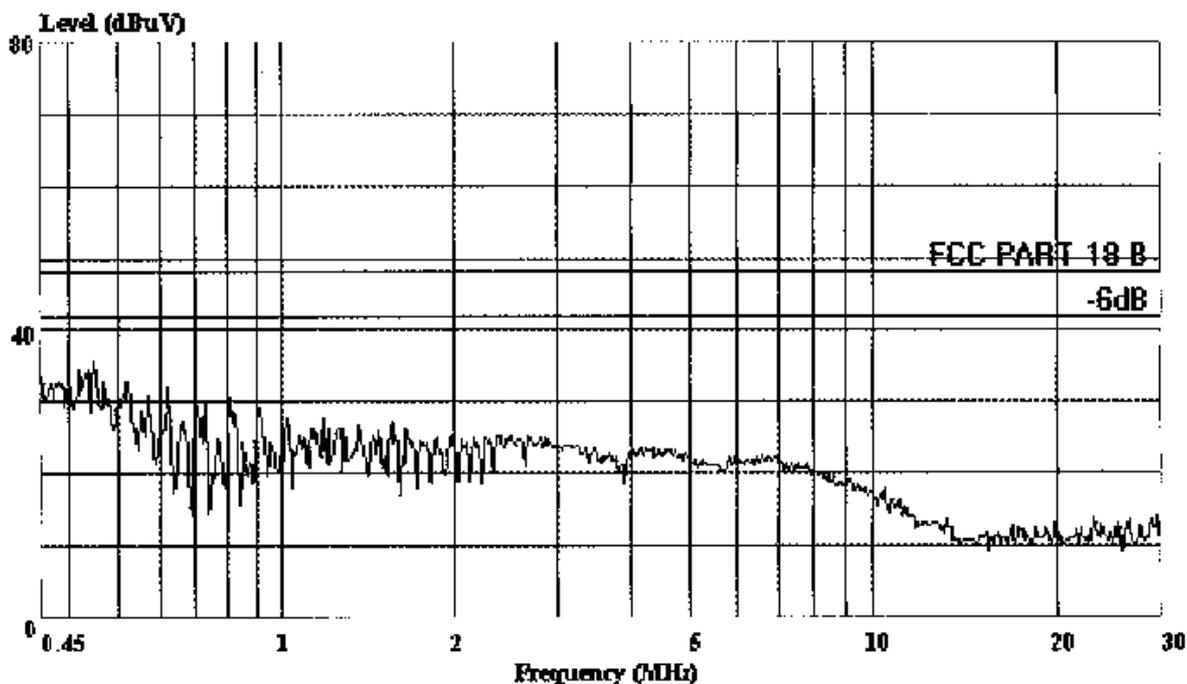


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Data#: 89      File#: Tcl.emi

Date: 2001-06-06      Time: 10:12:41



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

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Manuf:     : TCL  
OP Cond:   : ON  
Operator:   : Jimmy  
Test Spec:  : 120V 60Hz Vb  
Comment:   : Temp:21'C  
           : Humi:56%

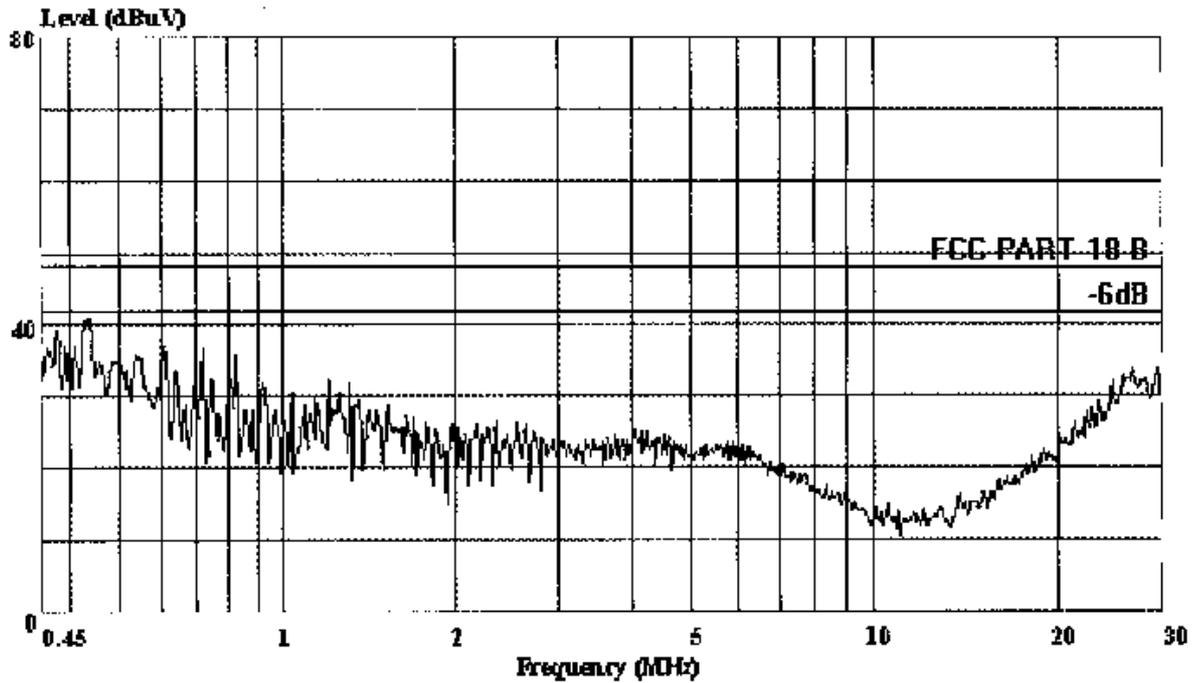


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Data#: 92 File#: Tcl.emi

Date: 2001-06-06 Time: 10:25:01



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

Trace:

Ref Trace:

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: Humi:56%

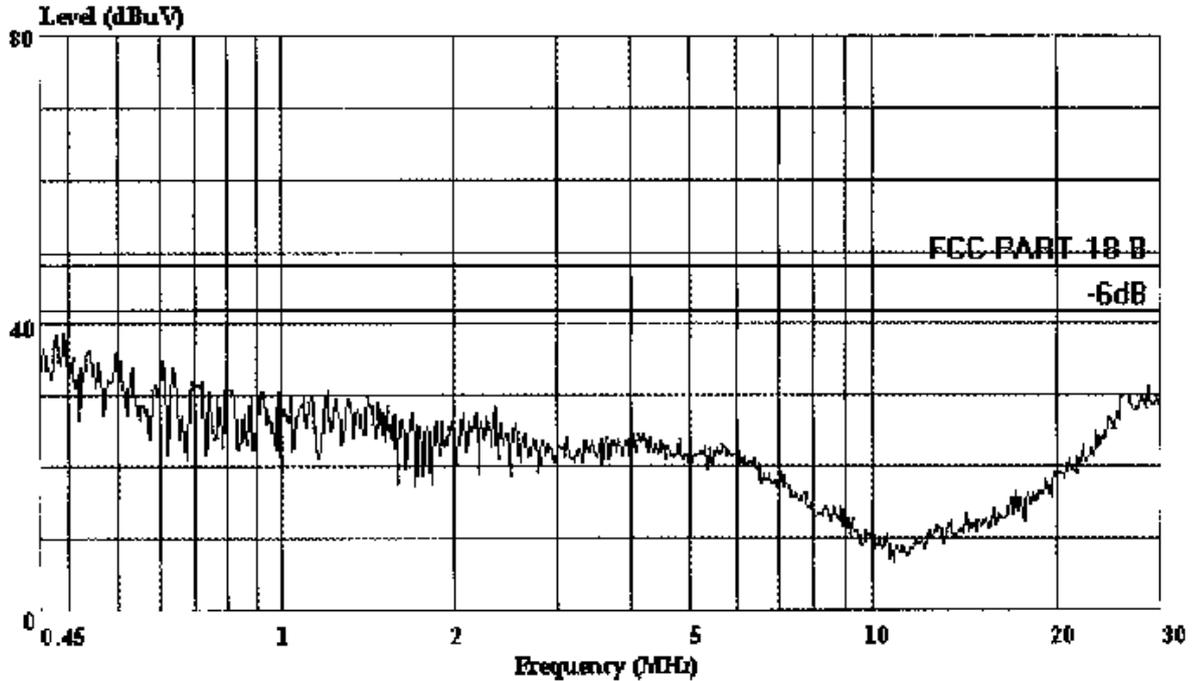


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Data#: 93 File#: Tcl.emi

Date: 2001-06-06 Time: 10:26:04



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

Trace:

Ref Trace:

Condition: FCC PART 18 B  
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 Operator: : Jimmy  
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 Comment: : Temp:21'C  
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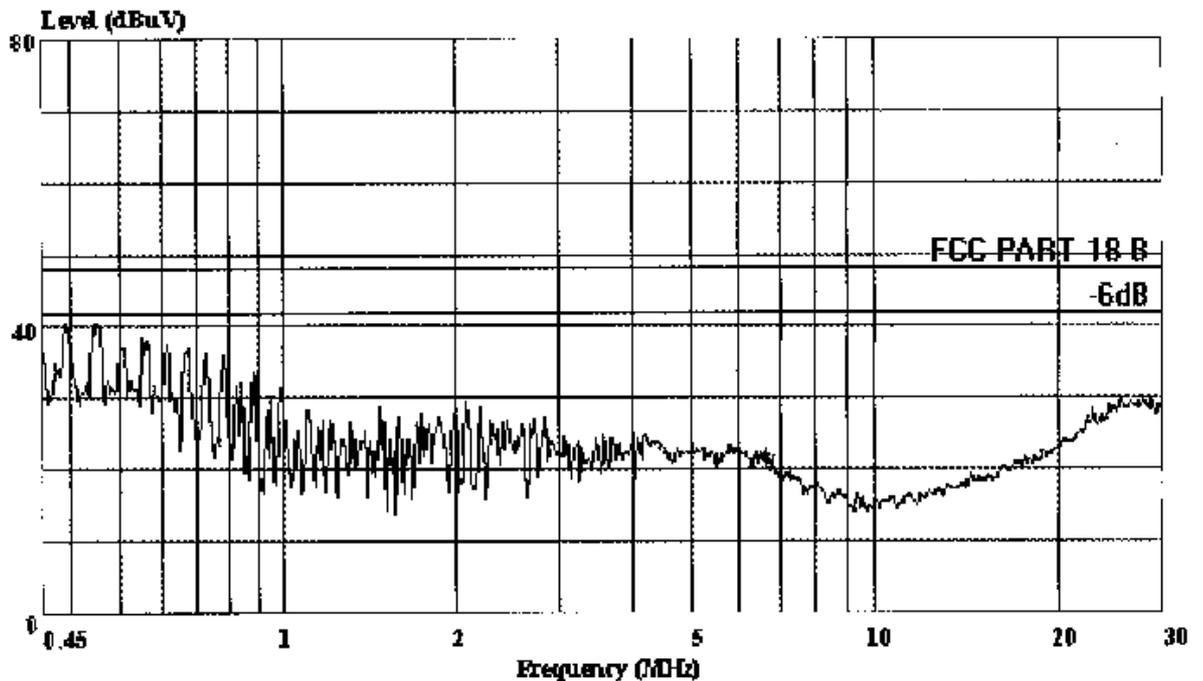


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Data#: 97 File#: Tc1.emi

Date: 2001-06-06 Time: 10:34:43



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

Trace:

Ref Trace:

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OP Cond: : ON  
Operator: : Jimmy  
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: Humi:56%

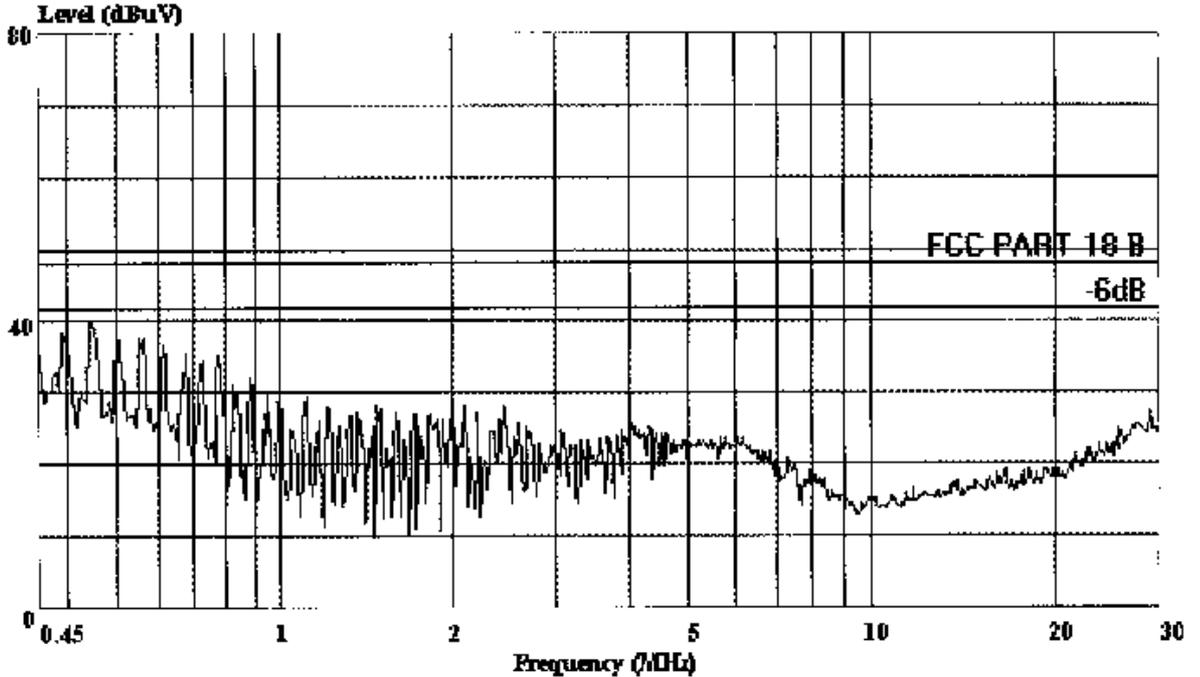


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Data#: 96 File#: Tcl.emi

Date: 2001-06-06 Time: 10:33:37



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

Trace:

Ref Trace:

Condition: FCC PART 18 B  
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 Manuf: : TCL  
 OP Cond: : ON  
 Operator: : Jimmy  
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 Comment: : Temp:21'C  
 : Humi:56%

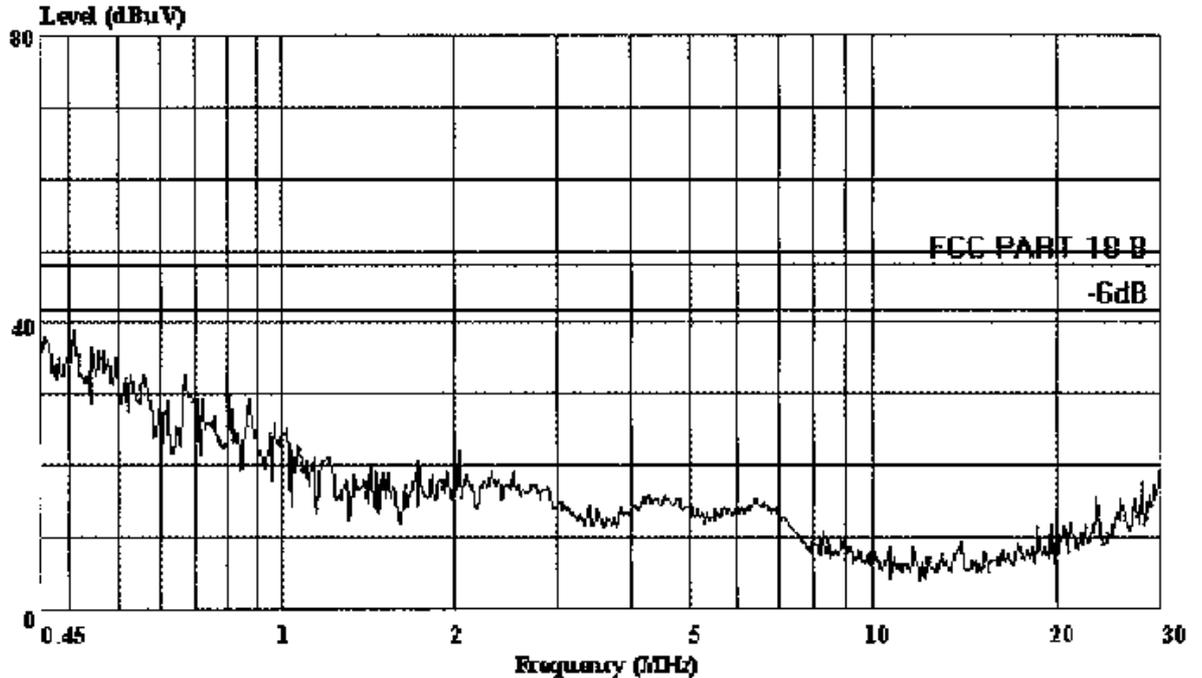


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Data#: 100 File#: Tcl.emi

Date: 2001-06-06 Time: 19:57:42



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

Trace:

Ref Trace:

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Eut: : Electronic Energy-Saving Lamp M/N:SRE15  
Manuf: : TCL  
OP Cond: : ON  
Operator: : Jimmy  
Test Spec: : 120V 60Hz Va  
Comment: : Temp:21'C  
: Humi:56%

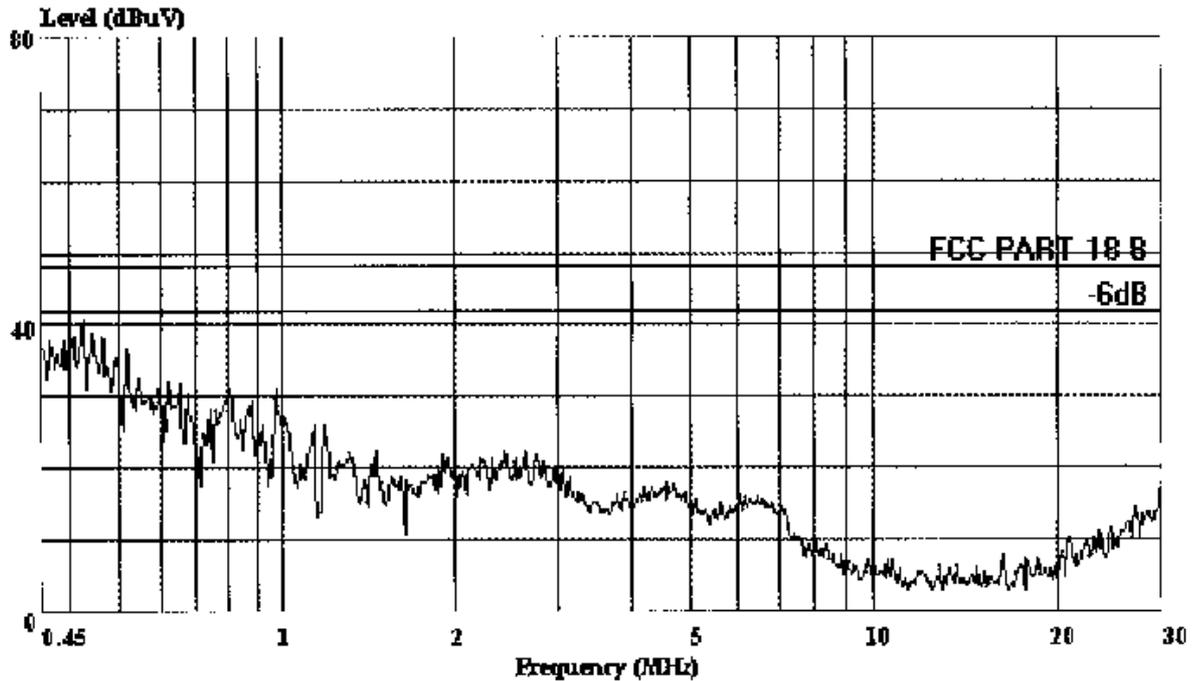


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Data#: 99 File#: Tc1.emi

Date: 2001-06-06 Time: 19:55:09



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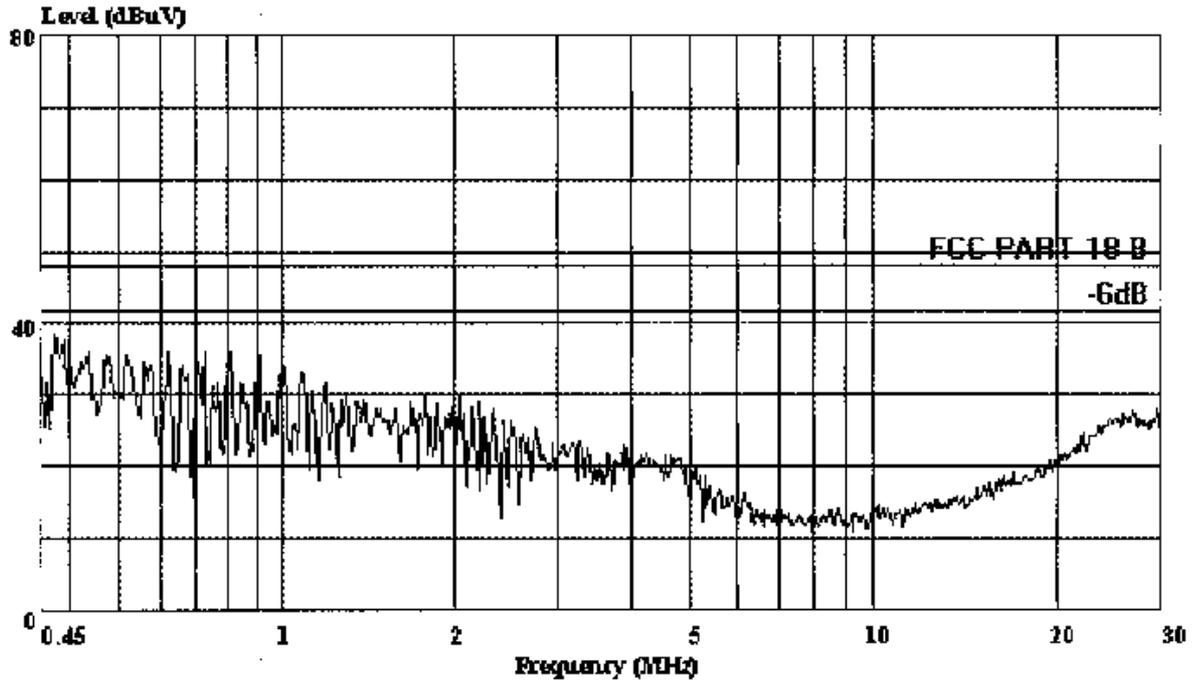
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Manuf: : TCL  
OP Cond: : ON  
Operator: : Jimmy  
Test Spec: : 120V 60Hz Vb  
Comment: : Temp: 21°C  
: Humi: 56%

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Date: 2001-06-06 Time: 20:05:41



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

Trace:

Ref Trace:

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Manuf: : TCL  
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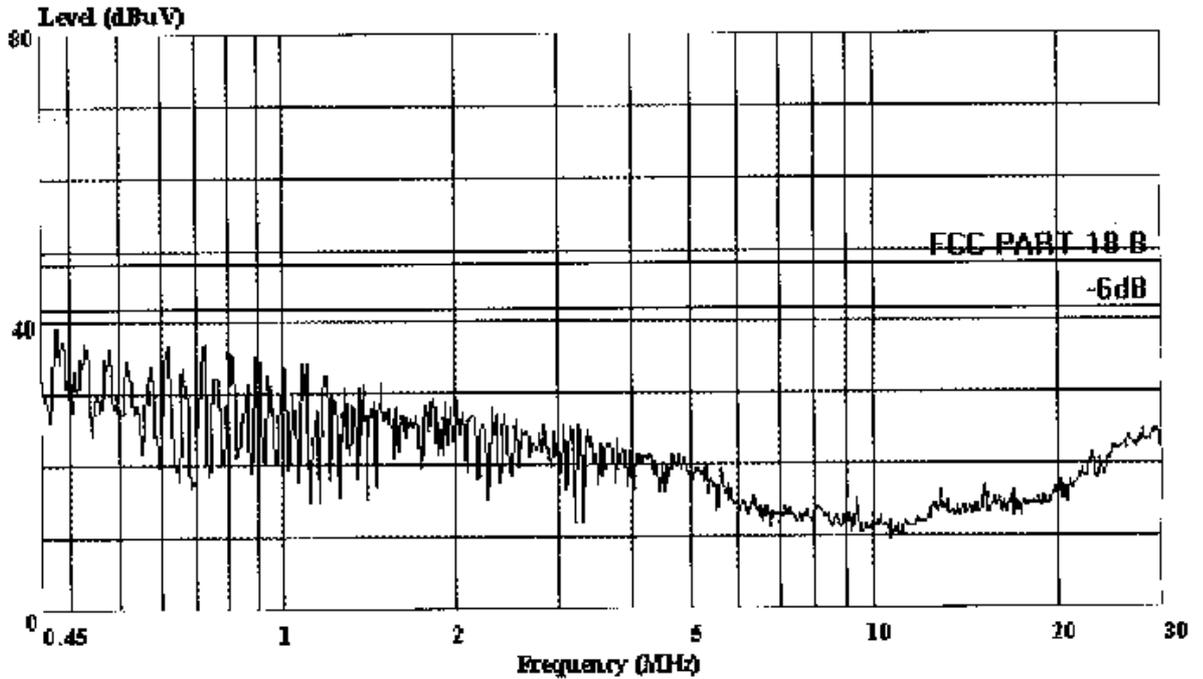


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Data#: 103 File#: Tc1.emi

Date: 2001-06-06 Time: 20:04:25



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Trace:

Ref Trace:

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Eut: : Electronic Energy-Saving Lamp M/N:SRE20  
Manuf: : TCT  
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Operator: : Jimmy  
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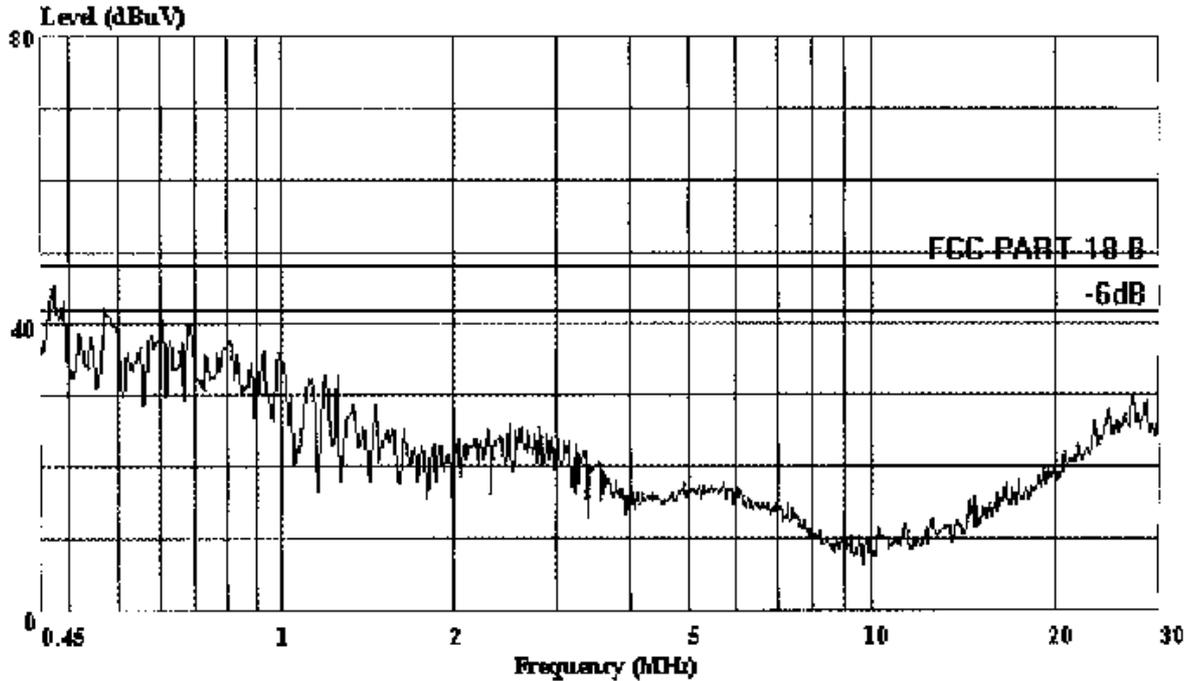


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Data#: 109 File#: Tcl.emi

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Trace:

Ref Trace:

Condition: FCC PART 18 B  
Eut: : Electronic Energy-Saving Lamp M/N:SRE25  
Manuf: : TCL  
OP Cond: : ON  
Operator: : Jimmy  
Test Spec: : 120V 60Hz Va  
Comment: : Temp:21'C  
: Humi:56%

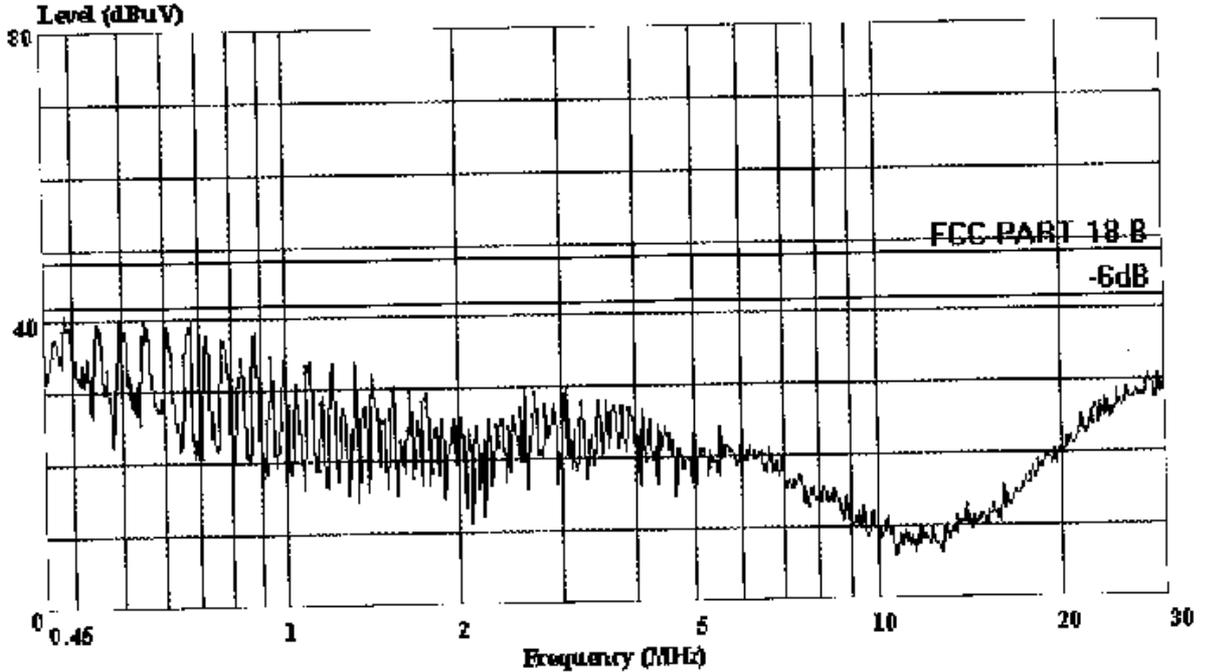


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind Park  
Nantou, Guangdong, China  
Tel: 0755-6639495-7  
Fax: 0755-6632877

Data#: 107 File#: Tcl.cmi

Date: 2001-06-06 Time: 20:10:23



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

Trace:

Ref Trace:

Condition: FCC PART 18 B  
 Eut: : Electronic Energy-Saving Lamp M/N:SRE25  
 Manuf: : TCL  
 OP Cond: : ON  
 Operator: : Jimmy  
 Test Spec: : 120V 60Hz Vb  
 Comment: : Temp:21'C  
 : Humi:56%

# APPENDIX II

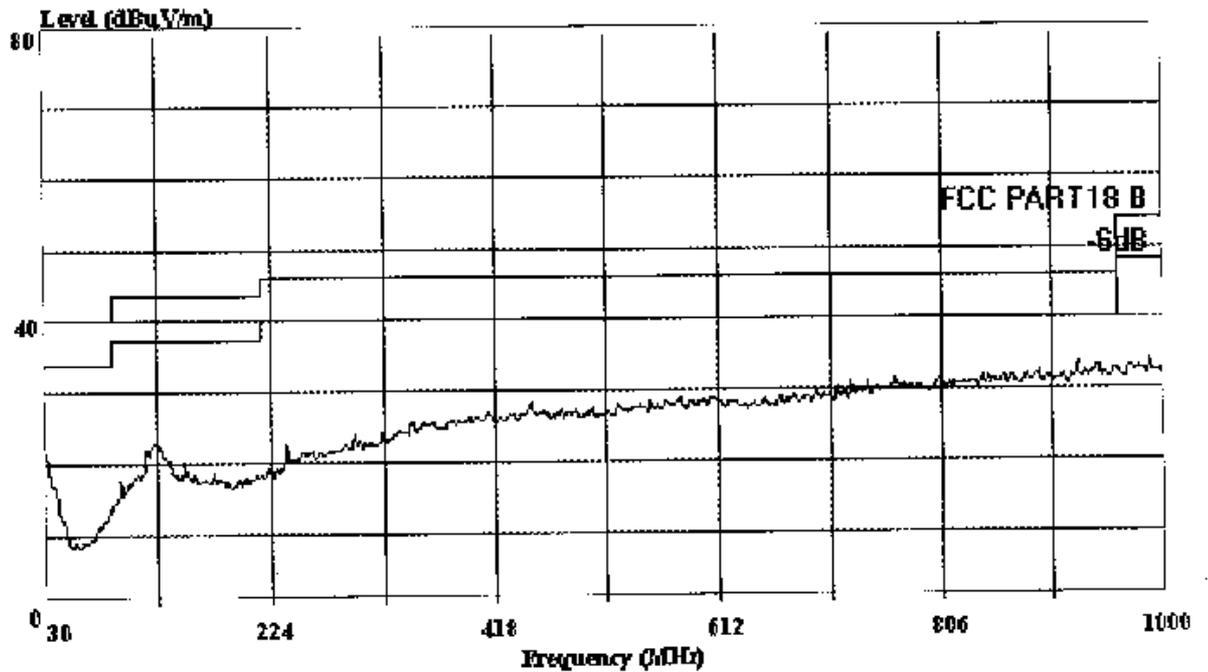


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Shenzhen Science & Ind. Park.  
Tel: 0755-6639495-7  
Fax: 0755-6632877

Data#: 478 File#: TCL.emi

Date: 2001-06-06 Time: 21:53:05



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (#3 Chamber)

Trace:

Ref Trace:

Condition: FCC PART18 B 3m 2176FACTOR HORIZONTAL  
 FUT : Electronic Energy-saving Lamp  
 Power : AC 120V 60Hz  
 M/N : EUT15  
 Comment : Temp:21°C  
           : Humi:56%  
 Test Engineer: Tony  
 Memo : ON

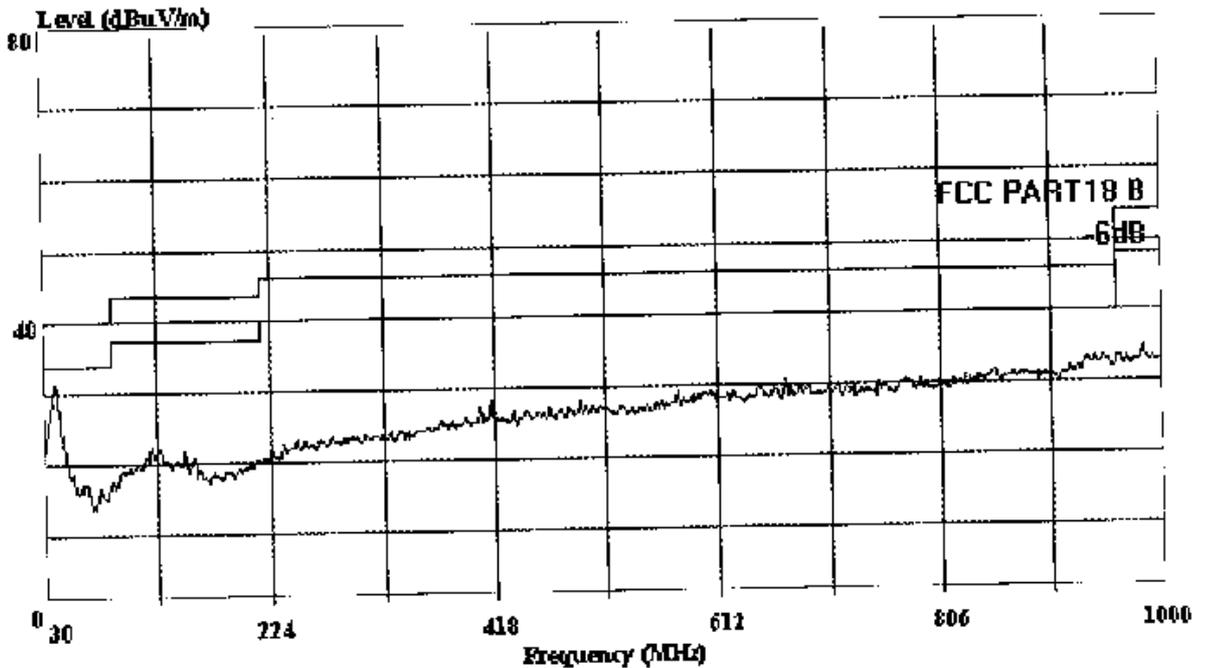


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind. Park.  
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Fax: 0755-6632877

Data#: 474 File#: TCL.emi

Date: 2001-06-06 Time: 21:50:02



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (#3 Chamber)

Trace:

Ref Trace:

Condition: FCC PART18 B 3m 2176FACTOR VERTICAL  
 EUT : Electronic Energy-saving Lamp  
 Power : AC 120V 60Hz  
 M/N : EUT15  
 Comment : Tempo:21'C  
 : Humi:56%  
 Test Engineer: Tomy  
 Memo : ON

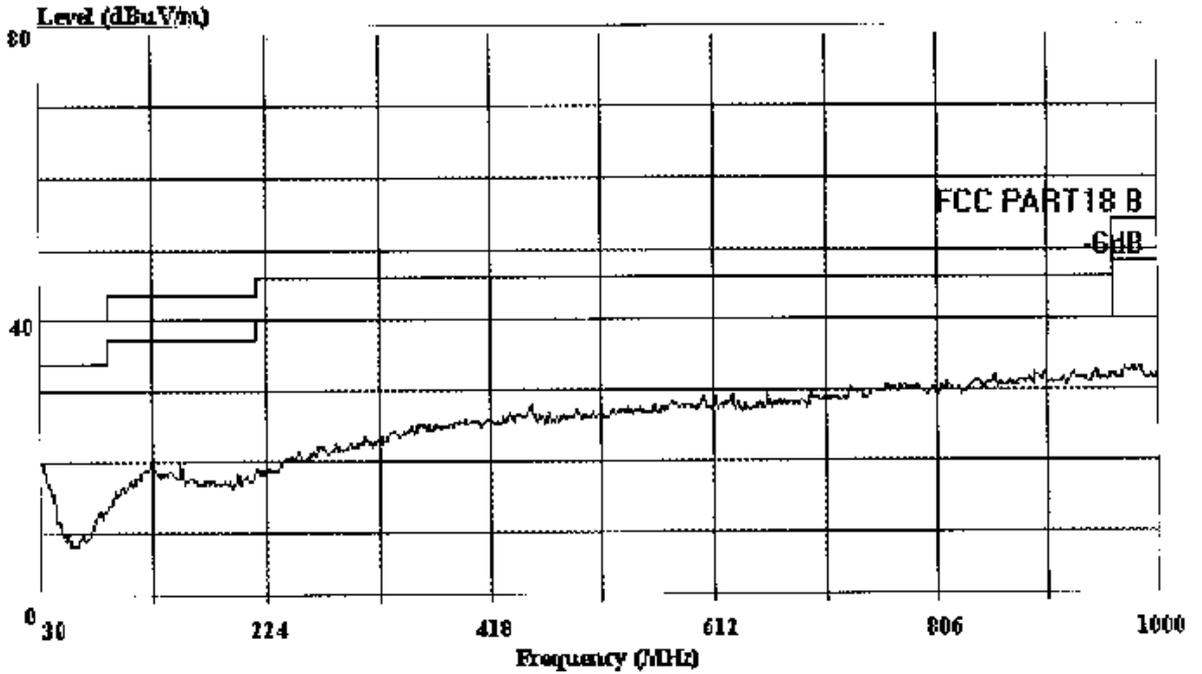


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind. Park.  
Tel: 0755-6639495~7  
Fax: 0755-6632877

Data#: 471 File#: TCL.emi

Date: 2001-06-06 Time: 21:40:48



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (#3 Chamber)

Trace:

Ref Trace:

Condition: FCC PART18 B 3m 2176FACTOR HORIZONTAL  
 EUT : Electronic Energy-saving Lamp  
 Power : AC 120V 60Hz  
 M/N : EUT20  
 Comment : Temp:21°C  
           : Humi:56%  
 Test Engineer: Tomy  
 Memo : ON

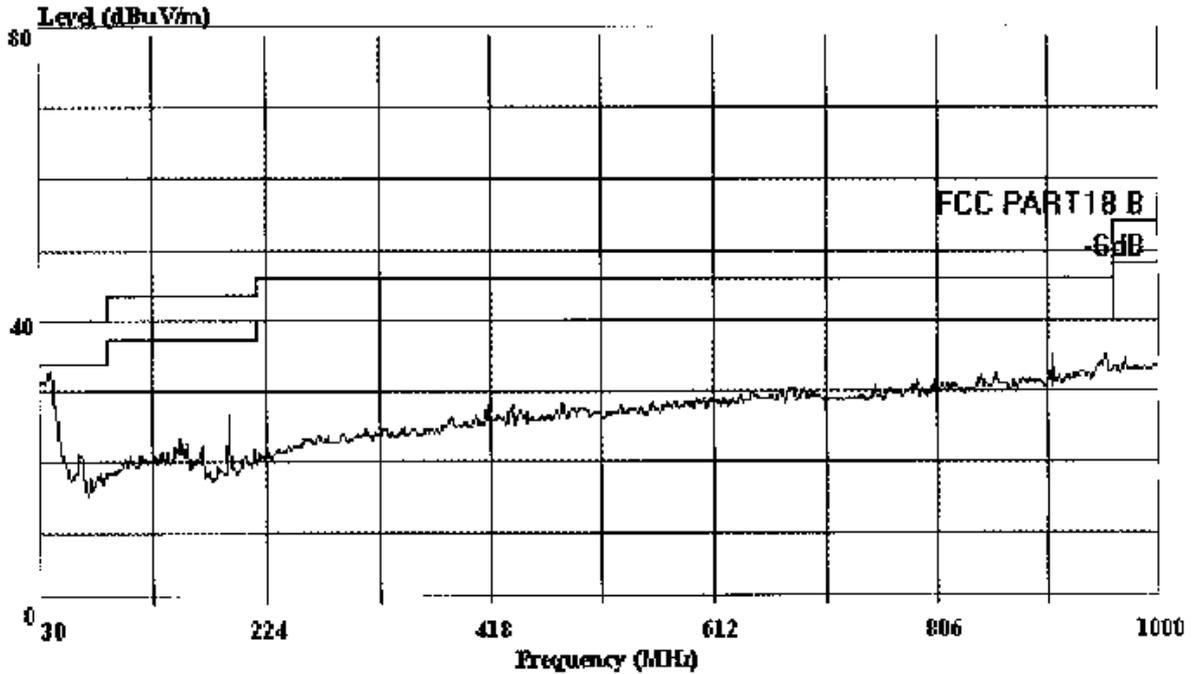


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind. Park.  
Tel: 0755-6639495-7  
Fax: 0755-6632877

Data#: 470 File#: TCL.emi

Date: 2001-06-06 Time: 21:39:03



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (#3 Chamber)

Trace:

Ref Trace:

Condition: FCC PART18 B 3m 2176FACTOR VERTICAL  
 EUT : Electronic Energy-saving Lamp  
 Power : AC 120V 60Hz  
 M/N : EUT20  
 Comment : Temp:21'C  
           : Humi:56%  
 Test Engineer: Tomy  
 Memo : ON

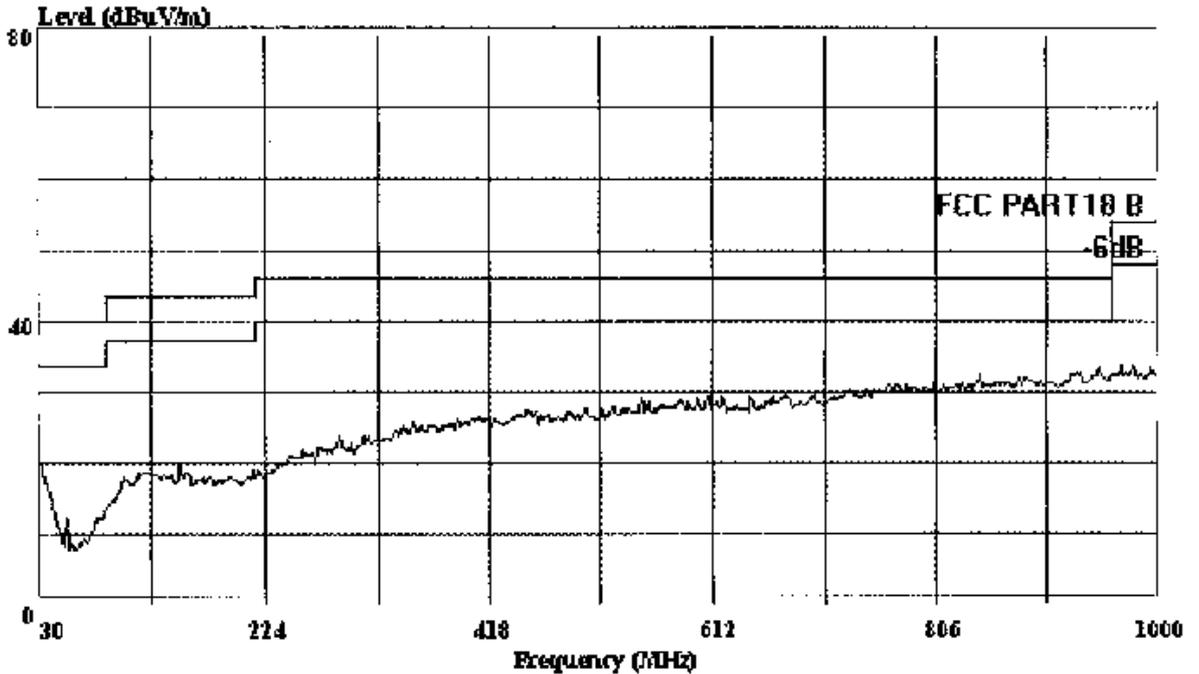


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Data#: 4/2 File#: TCL.emi

Date: 2001-06-06 Time: 21:45:03



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (#3 Chamber)

Trace:

Ref Trace:

Condition: FCC PART18 B 3m 2176FACTOR HORIZONTAL  
FUT : Electronic Energy-saving Lamp  
Power : AC 120V 60Hz  
M/N : EUT25  
Comment : Temp:21°C  
: Humi:56%  
Test Engineer: Tomy  
Memo : ON

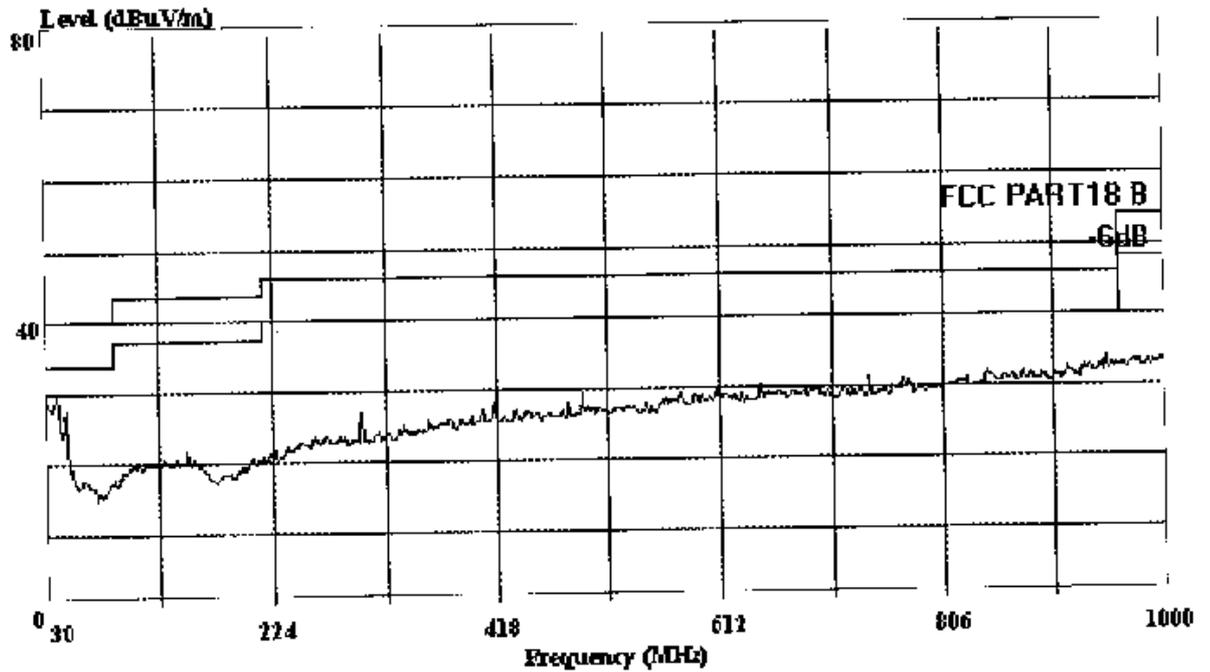


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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Tel: 0755-6639495-7  
Fax: 0755-6632877

Data#: 473 File#: TCL.emi

Date: 2001-06-06 Time: 21:47:33



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (#3 Chamber)

Trace:

Ref Trace:

Condition: FCC PART18 B 3m 2176FACTOR VERTICAL  
 EUT : Electronic Energy-saving Lamp  
 Power : AC 120V 60Hz  
 M/N : EUT25  
 Comment : Temp:21°C  
           : Humi:56%  
 Test Engineer: Tomy  
 Memo : ON

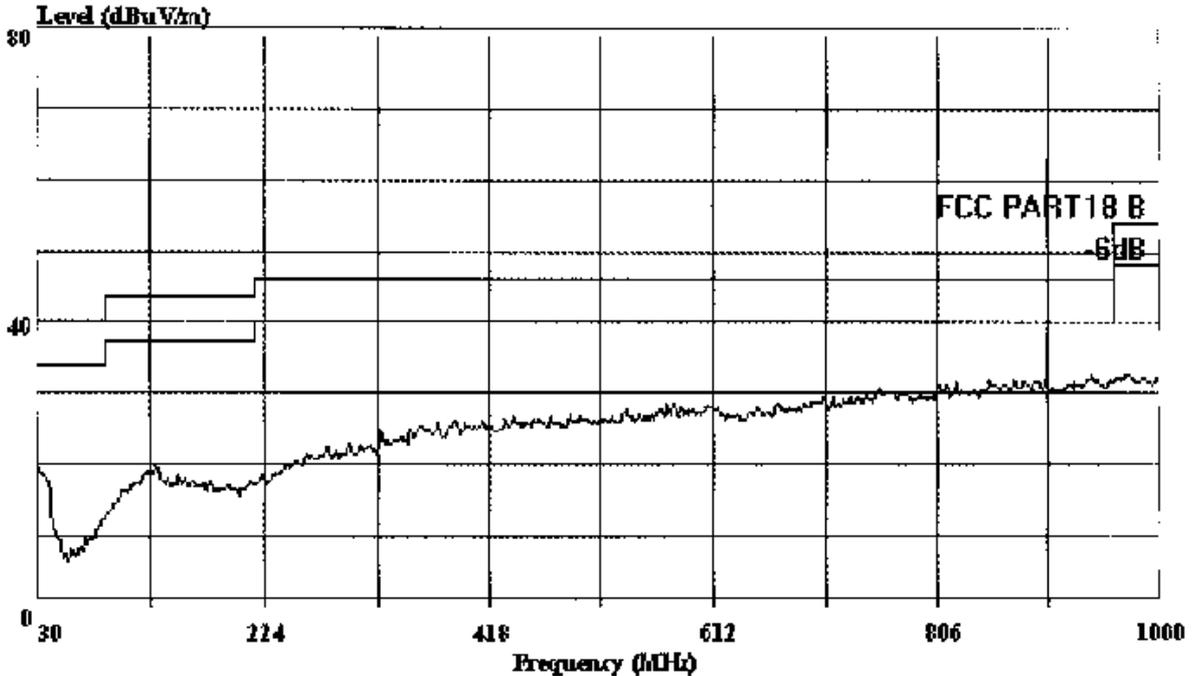


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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Data#: 496 File#: TCL.emi

Date: 2001-06-07 Time: 08:48:35



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (#3 Chamber)

Trace:

Ref Trace:

Condition: FCC PART18 B 3m 2176FACTOR HORIZONTAL  
EUT : Electronic Energy-saving Lamp  
Power : AC 120V 60Hz  
M/N : SRE15  
Comment : Temp:21°C  
          : Humi:56%  
Test Engineer: Tomy  
Memo : ON

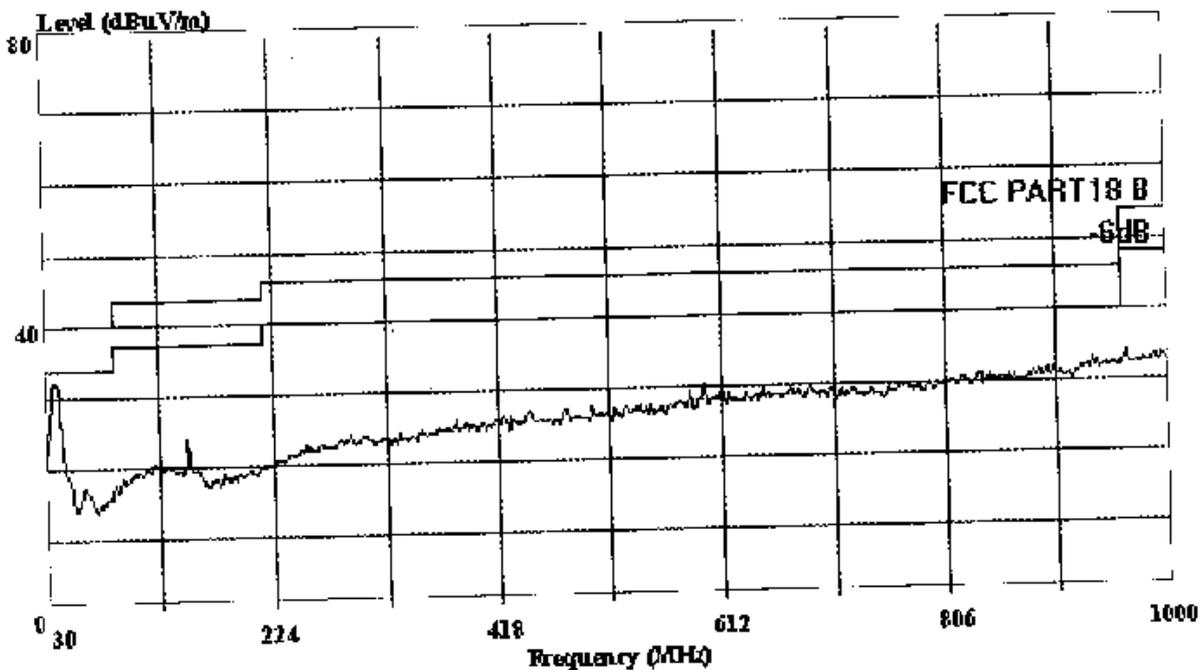


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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Tel: 0755-6639495~7  
Fax: 0755-6632877

Data#: 487 File#: TCL.emi

Date: 2001-06-07 Time: 08:50:13



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (#3 Chamber)

Ref Trace:

Trace:

Condition: FCC PART18 B 3m 2176FACTOR VERTICAL  
 EUT : Electronic Energy-saving Lamp  
 Power : AC 120V 60Hz  
 M/N : SRE15  
 Comment : Temp:21°C  
           : Humi:56%  
 Test Engineer: Tomy  
 Memo : ON

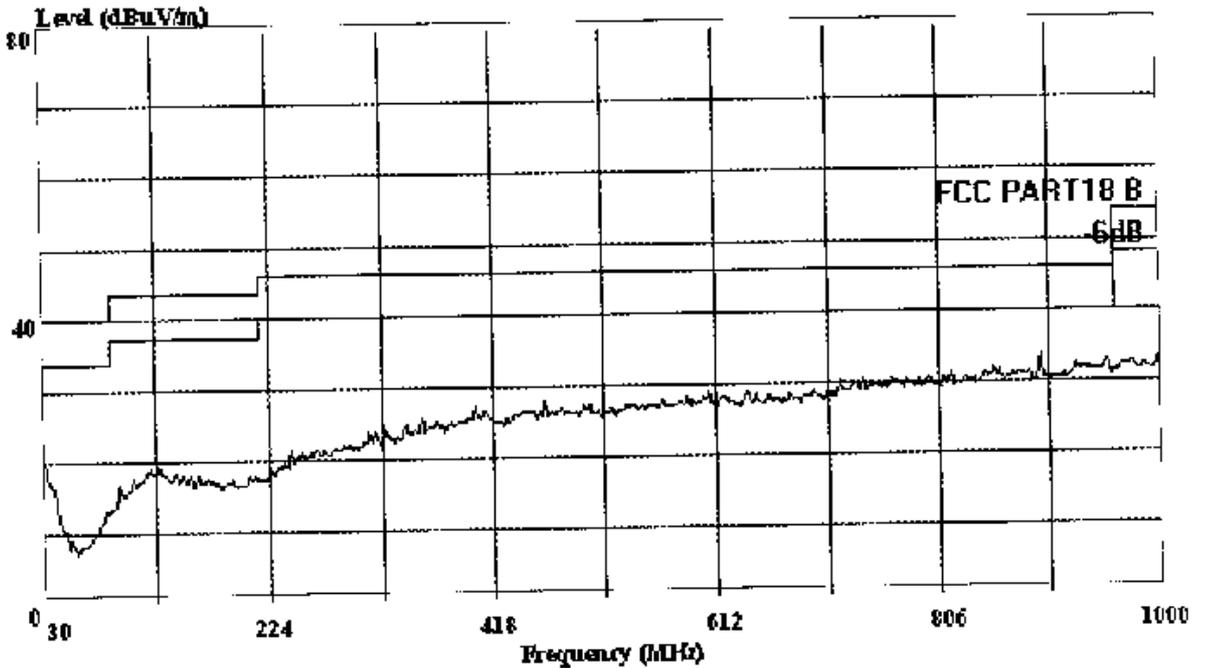


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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Tel: 0755-6639495-7  
Fax: 0755-6632877

Data#: 485 File#: TCL.emi

Date: 2001-06-07 Time: 08:46:53



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (#3 Chamber)

Trace:

Ref Trace:

Condition: FCC PART18 B 3m 2176FACTOR HORIZONTAL  
 PUT : Electronic Energy-saving Lamp  
 Power : AC 120V 60Hz  
 M/N : SRE20  
 Comment : Temp:21'C  
           : Humi:56%  
 Test Engineer: Tomy  
 Memo : ON

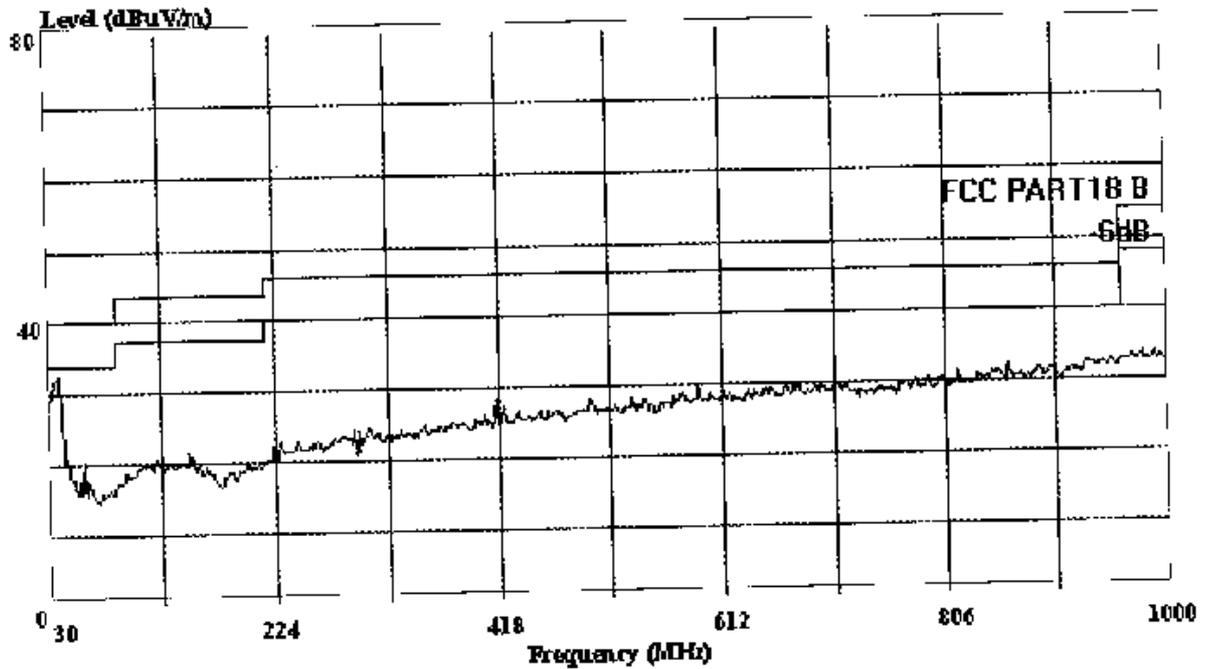


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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Tel: 0755-6639495~7  
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Data#: 484 File#: TCl.emi

Date: 2001-06-07 Time: 08:42:25



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (#3 Chamber)

Trace:

Ref Trace:

Condition: FCC PART18 B 3m 2176FACTOR VERTICAL  
 EUT : Electronic Energy-saving Lamp  
 Power : AC 120V 60Hz  
 M/N : SRE20  
 Comment : Temp:21°C  
           : Humi:56%  
 Test Engineer: Tony  
 Memo : ON

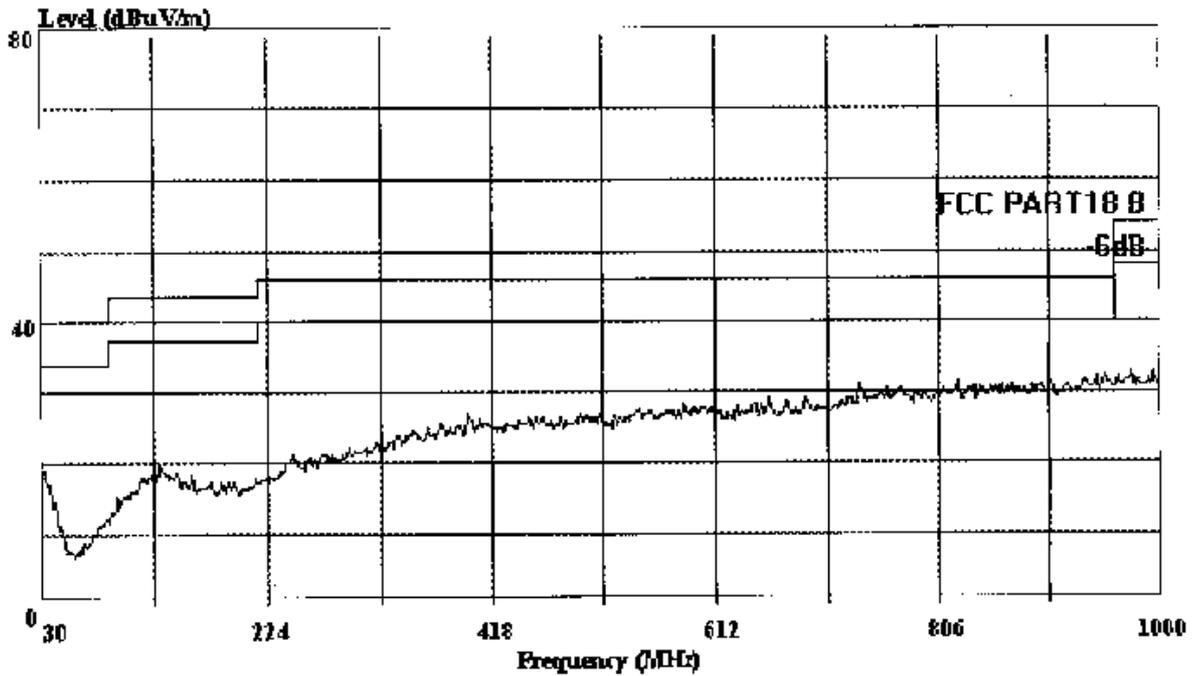


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind. Park.  
Tel: 0755-6639495-7  
Fax: 0755-6632877

Data#: 480 File#: TCL.emi

Date: 2001-06-06 Time: 22:30:23



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (#3 Chamber)

Trace:

Ref Trace:

Condition: FCC PART18 B 3m 2176FACTOR HORIZONTAL  
EUT : Electronic Energy-saving Lamp  
Power : AC 120V 60Hz  
M/N : SRE25  
Comment : Temp:21'C  
: Humi:56%  
Test Engineer: Tomy  
Memo : ON

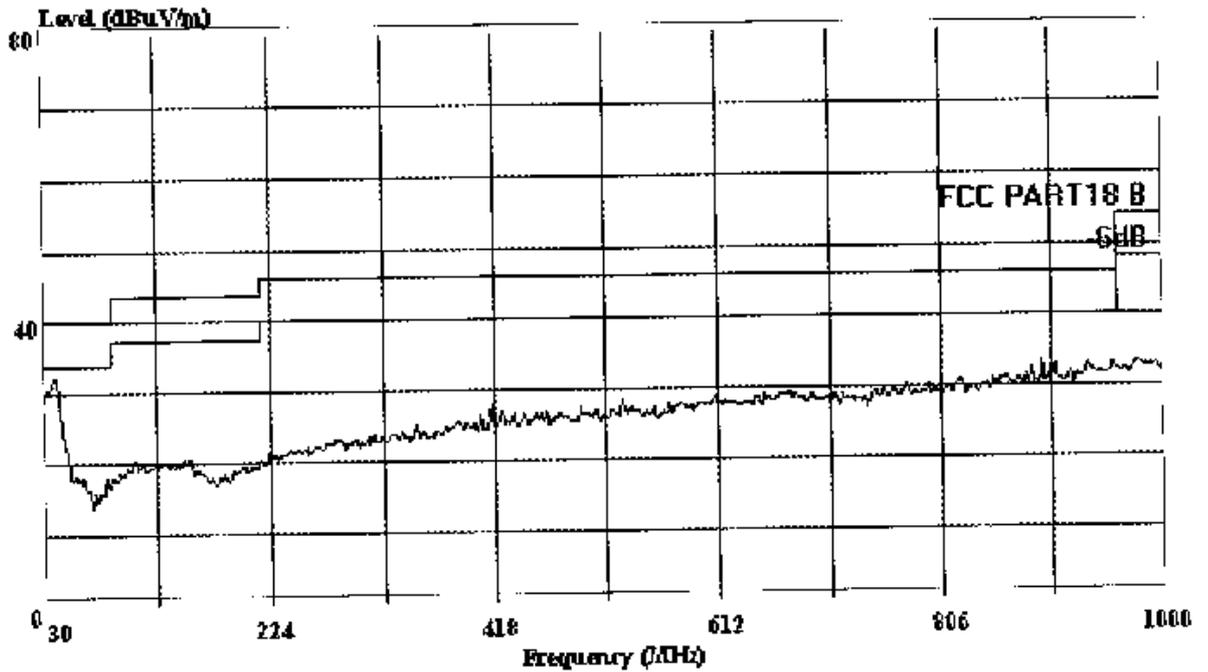


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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Fax: 0755-6632877

Data#: 481 File#: TCL.emi

Date: 2001-06-06 Time: 22:31:32



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (#3 Chamber)

Trace:

Ref Trace:

Condition: FCC PART18 B 3m 2176FACTOR VERTICAL  
 EUT : Electronic Energy-saving Lamp  
 Power : AC 120V 60Hz  
 M/N : SRE25  
 Comment : Temp:21°C  
           : Humi:56%  
 Test Engineer: Tomy  
 Memo : ON