EXHIBIT 4

Test Report

Test Report

ACS-F99020

APPLICATION FOR CERTIFICATION

On Behalf of

Shenzhen Makidol Electronics Co., Ltd.

Energy Saving Lamp

Model : EUM-5W, EUM-7W, EUM-9W, EUM-11W, EUM-15W, EUT-12W, EUT-16W, EUT-20W, EUT-24W

Prepared for : Shenzhen Makidol Electronics Co., Ltd.
13 Bldg., Long Cheng Industrial Park,
Long Wa, Shen Zhen

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
52 Block, Shenzhen Science & Industrial Park,
Nantou, Shenzhen, Guangdong, China

Tel: (0755)663-9496

Report Number : ACS-F99020
Date of Test : May 21 / 24, 1999
Date of Report : May 25, 1999

TABLE OF CONTENTS

ACS99-F002

TEST REPORT CERTIFICATION

Applicant	:	Shenzhen Makidol Electronics Co., Ltd.
Manufacturer	:	Shenzhen Makidol Electronics Co., Ltd.
EUT Description	:	Energy Saving Lamp

(A) MODEL NO. : EUM-5W, EUM-7W, EUM-9W, EUM-11W, EUM-15W, EUT-12W, EUT-16W, EUT-20W, EUT-24W

(B) SERIAL NO. : N/A

(C) POWER SUPPLY : AC 120V / 60Hz

Measurement Procedure Used:

FCC RULES AND REGULATIONS PART 18 SUBPART C RF LIGHTING DEVICES CONSUMER (1996) 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 18 Part RF Lighting Device limits both radiated and conducted emissions.
The measurement results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) 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. AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. recommends that this data can be submitted for FCC certification purposes if a 6 dB margin below FCC limits is obtained.
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.

Date of Test : May 21 / 24, 1999

Prepared by : Katherine Ge May 26, 99
(KATHERINE GE / ASSISSANT)

Reviewer : For and on behalf of ... 27/5
AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Approved & Authorized Signer : Alan Liao sub. Jun-1-99
Authorized Signature(s)
(LEON LIU / MANAGER)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	Energy Saving Lamp
Model Number	:	EUM-5W, EUM-7W, EUM-9W, EUM-11W, EUM-15W, EUT-12W, EUT-16W, EUT-20W, EUT-24W
Applicant	:	Shenzhen Makidol Electronics Co., Ltd. 13 Bldg., Long Cheng Industrial Park, Long Wa, Shen Zhen
Manufacturer	:	Shenzhen Makidol Electronics Co., Ltd. 13 Bldg., Long Cheng Industrial Park, Long Wa, Shen Zhen
Date of Test	:	May 21 / 24, 1999

1.2. Test Facility

Site Description

3m Anechoic Chamber	:	certificated by FCC, USA Aug. 18, 1997
3m & 10m Open Site	:	certificated by FCC, USA Feb. 13, 1998
EMC Lab.	:	certificated by TUV Rheinland Taiwan Dec.05, 1995
		certificated by COMMERCE, New Zealand May 19, 1997
		certificated by NEMKO, Norway Feb. 28, 1998
		certificated by VCCI, Japan Oct. 29, 1998
		certificated by DATech, German Feb. 02, 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, China
NVLAP Lab Code	:	200372-0 effective until March 31, 2000

1.3. Measurement Uncertainty

Conduction Uncertainty	=	± 2.66dB
Radiation Uncertainty	=	± 4.26dB

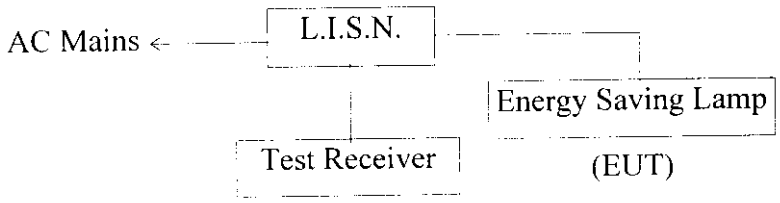
2. POWER LINE CONDUCTED MEASUREMENT

2.1. Test Equipment

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

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESHS20	836600/006	Jun. 07, 98	1 Year
2.	L.I.S.N.	Kyoritsu	KMW-407	8-541-4	Jun 07, 98	1 Year
3.	Terminator	EMCO	50Ω	No. 1	N/A	N/A
4.	Terminator	EMCO	50Ω	No. 2	N/A	N/A
5.	RF Cable	FUJIKURA	RG-55/U	LISN Cable	Mar. 01, 99	1/2 Year

2.2. Block Diagram of Test Setup



2.3. Conducted Power Line Emission Limit

Frequency MHz	Limit dB(μV)
0.45 ~ 30	48

2.4. EUT Configuration on Measurement

The following equipments are installed on RF LINE VOLTAGE measurement to meet the FCC 18 requirement and operating in a manner which tends to maximize its emission characteristics in a normal application.

2.4.1. Energy Saving Lamp (EUT)

Model Number	:	EUM-5W, EUM-7W, EUM-9W, EUM-11W, EUM-15W, EUT-12W, EUT-16W, EUT-20W, EUT-24W
Serial Number	:	N/A
Manufacturer	:	Shenzhen Makidol Electronics Co., Ltd.

2.5. Operating Condition of EUT

2.5.1. Setup the EUT as shown in Section 2.2.

2.5.2. Turn on the power of all equipments.

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

2.6. Test Procedure

The EUT is put on table which is 0.8m above the ground and away from other metallic surface at least 0.4m. 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 tested equipments. Both sides of AC line(Line & Neutral) are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables must be changed according to MP-5/1986 on conducted measurement.

The bandwidth of the field strength meter (R & S Test Receiver ESHS20) is set at 10KHz.

The frequency range from 450KHz to 30MHz is checked.

All the test results are listed in Section 2.7. and all the scanning waveforms are attached within Appendix I.

2.7. Line Conducted RF Voltage Measurement 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 :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-5W	Test Mode :	ON

Frequency MHz	Reading		Limit dB(μV)
	Phase VA dB(μV)	Phase VB dB(μV)	
0.462	--	**35.2**	**48.0**
0.478	30.5	--	48.0
0.518	--	29.1	48.0
0.626	30.0	--	48.0

Remark : 1. All readings are Quasi-Peak values.
2. The worst emission is detected at 0.462 MHz with corrected signal level of 35.2 dB(μV) (limit is 48 dB(μV)) when the VB side of the EUT is connected to L.I.S.N.

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-7W	Test Mode :	ON

Frequency MHz	Reading		Limit dB(μV)
	Phase VA dB(μV)	Phase VB dB(μV)	
0.450	--	41.4	48.0
0.454	40.5	--	48.0
0.474	--	**43.1**	**48.0**
0.478	42.3	--	48.0
0.502	38.5	--	48.0
0.518	38.6	--	48.0
0.538	--	37.6	48.0
0.570	35.9	36.7	48.0

Remark : 1. All readings are Quasi-Peak values.
2. The worst emission is detected at 0.474 MHz with corrected signal level of 43.1 dB(μV) (limit is 48 dB(μV)) when the VB side of the EUT is connected to L.I.S.N.

Reviewer : Martin Li 2/15

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-9W	Test Mode :	ON

Frequency MHz	Reading		Limit dB(μV)
	Phase VA dB(μV)	Phase VB dB(μV)	
0.454	38.0	--	48.0
0.482	--	**40.4**	**48.0**
0.498	39.3	--	48.0
0.546	--	38.3	48.0
0.566	36.6	--	48.0
0.594	--	35.5	48.0
0.642	34.7	--	48.0
0.650	--	37.5	48.0

Remark : 1. All readings are Quasi-Peak values.
2. The worst emission is detected at 0.482 MHz with corrected signal level of 40.4 dB(μV) (limit is 48 dB(μV)) when the VB side of the EUT is connected to L.I.S.N.

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-11W	Test Mode :	ON

Frequency MHz	Reading		Limit dB(μV)
	Phase VA dB(μV)	Phase VB dB(μV)	
0.450	**41.0**	--	**48.0**
0.470	--	37.3	48.0
0.498	39.9	--	48.0
0.538	--	37.9	48.0
0.606	37.6	--	48.0
0.614	--	38.6	48.0

Remark : 1. All readings are Quasi-Peak values.
2. The worst emission is detected at 0.450 MHz with corrected signal level of 41.0 dB(μV) (limit is 48 dB(μV)) when the VA side of the EUT is connected to L.I.S.N.

Reviewer : Martin Liu 2/15

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-15W	Test Mode :	ON

Frequency MHz	Reading		Limit dB(μV)
	Phase VA dB(μV)	Phase VB dB(μV)	
0.454	**44.4**	**44.0**	**48.0**
0.462	--	43.9	48.0
0.470	**44.4**	**--**	**48.0**
0.474	--	42.7	48.0
0.478	44.2	--	48.0
0.530	--	38.5	48.0
0.534	40.1	--	48.0
0.598	--	39.2	48.0
0.602	41.3	--	48.0
0.722	--	37.9	48.0
0.950	34.8	--	48.0

Remark : 1. All readings are Quasi-Peak values.
2. The worst emissions are detected at 0.454 MHz and 0.470 MHz with corrected signal level of 44.4 dB(μV) (limit is 48 dB(μV)) when the VA side of the EUT is connected to L.I.S.N.

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUT-12W	Test Mode :	ON

Frequency MHz	Reading		Limit dB(μV)
	Phase VA dB(μV)	Phase VB dB(μV)	
0.494	35.6	--	48.0
0.558	**--**	**38.2**	**48.0**
0.594	37.7	--	48.0
0.606	--	37.2	48.0
0.718	--	35.9	48.0
0.758	36.1	--	48.0
0.766	--	35.0	48.0
2.546	--	31.5	48.0
2.566	33.3	--	48.0

Remark : 1. All readings are Quasi-Peak values.
2. The worst emission is detected at 0.558 MHz with corrected signal level of 38.2 dB(μV) (limit is 48 dB(μV)) when the VB side of the EUT is connected to L.I.S.N.

Reviewer : Martin Liu 2/15

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUT-16W	Test Mode :	ON

Frequency MHz	Reading		Limit dB(μV)
	Phase VA dB(μV)	Phase VB dB(μV)	
0.474	35.2	--	48.0
0.522	--	**41.4**	**48.0**
0.562	36.5	--	48.0
0.694	--	37.3	48.0
0.746	37.0	--	48.0
0.786	--	36.1	48.0
0.790	34.4	--	48.0

Remark : 1. All readings are Quasi-Peak values.
2. The worst emission is detected at 0.522 MHz with corrected signal level of 41.4 dB(μV) (limit is 48 dB(μV)) when the VB side of the EUT is connected to L.I.S.N.

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUT-20W	Test Mode :	ON

Frequency MHz	Reading		Limit dB(μV)
	Phase VA dB(μV)	Phase VB dB(μV)	
0.494	40.2	--	48.0
0.514	--	35.0	48.0
0.570	41.6	--	48.0
0.598	--	33.9	48.0
0.666	32.7	--	48.0
0.766	--	33.6	48.0
2.634	--	**42.0**	**48.0**
2.650	40.1	--	48.0
2.690	39.9	--	48.0
2.706	--	41.0	48.0

Remark : 1. All readings are Quasi-Peak values.
2. The worst emission is detected at 2.634 MHz with corrected signal level of 42.0 dB(μV) (limit is 48 dB(μV)) when the VB side of the EUT is connected to L.I.S.N.

Reviewer : Martin Li 2/15

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUT-24W	Test Mode :	ON

Frequency MHz	Reading		Limit dB(μV)
	Phase VA dB(μV)	Phase VB dB(μV)	
0.450	--	42.0	48.0
0.458	**44.7**	--	**48.0**
0.506	--	38.7	48.0
0.510	40.4	--	48.0
0.554	--	39.6	48.0
0.558	43.2	--	48.0
0.650	--	37.6	48.0
0.658	41.5	--	48.0
0.758	40.4	--	48.0
0.862	40.2	--	48.0

Remark : 1. All readings are Quasi-Peak values.
2. The worst emission is detected at 0.458 MHz with corrected signal level of 44.7 dB(μV) (limit is 48 dB(μV)) when the VA side of the EUT is connected to L.I.S.N.

Reviewer : Martin Lu 2/15

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

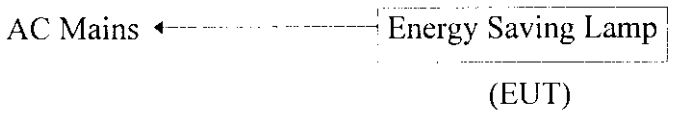
The following test equipments are used during the radiated emission measurement:

3.1.1. In Chamber #3

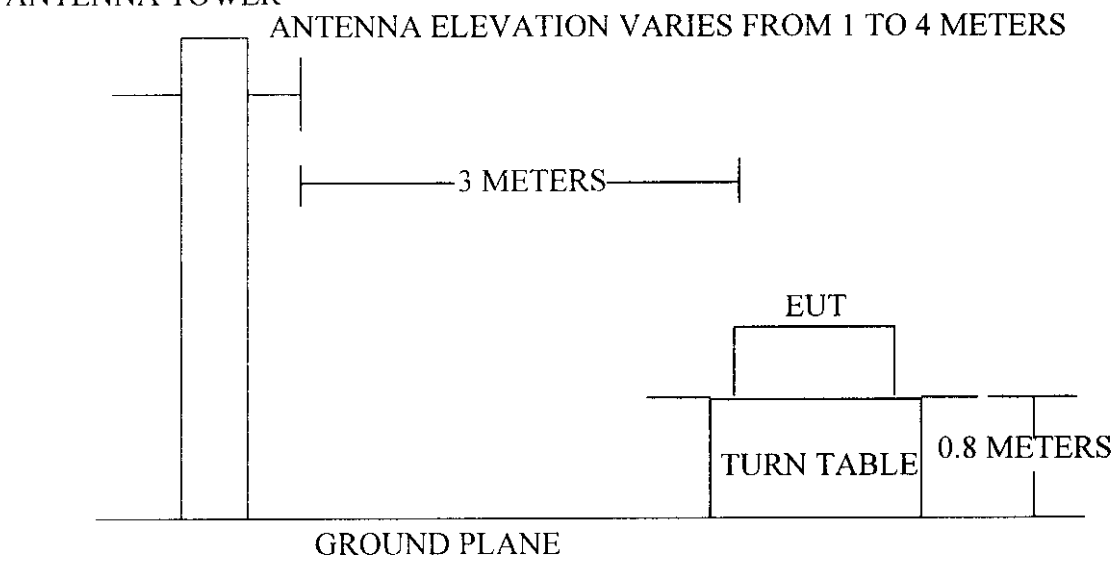
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Test Receiver	HP	85422E	3625A00181	Jun. 07, 98	1 Year
2.	Test Receiver	Rohde & Schwarz	ESVS20	830350/005	Jun. 07, 98	1 Year
3.	Amplifier	HP	8447D	2944A07804	Mar. 01, 99	1/2 Year
4.	Bilog Antenna	Chase	CBL6112A	2176	Sep. 27, 98	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. 12, 99	1/2 Year
8.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Feb. 12, 99	1/2 Year
9.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.3	Feb. 12, 99	1/2 Year
10.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Feb. 12, 99	1/2 Year
11.	Coaxial Switch	Anritsu	MP59B	M20531	Mar. 09, 99	1/2 Year

3.2. Block Diagram of Test Setup

3.2.1. Block Diagram of EUT



3.2.2. Chamber #3 Test Setup Diagram



3.3. Radiation Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMITS dB(μV)/m
30 ~ 88	3	40.0
88 ~ 216	3	43.5
216 ~ 1000	3	46.0

Remark : (1) The tighter limit shall apply at the edge between two frequency bands.
(2) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3.4. EUT Configuration on Measurement

The configuration of EUT is same as those used in conducted measurement. Please refer to Section 2.4.

3.5. Operating Condition of EUT

Same as conducted measurement which is listed in Section 2.5.

3.6. Test Procedure

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used a as receiving antenna. Both horizontal and vertical polarization of the antenna are set on measurement.

The Resolution bandwidth setting on the field strength meter (R&S Test Receiver ESVS20) is set at 120KHz.

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

The following nine test modes are measured in Chamber #3 and all the scanning waveform are attached within Appendix II, which include:

EUM-5W, EUM-7W, EUM-9W, EUM-11W, EUM-15W, EUT-12W, EUT-16W, EUT-20W, EUT-24W

3.7. Radiated Emission Noise Measurement Results.

PASS.

The frequency range from 30MHz to 1000MHz is investigated. Please see the following pages.

Date of Test :	May 21, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-5W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m
33.780	16.00	1.03	28.21	19.53	-20.47	40.00
103.980	11.58	1.84	26.95	14.90	-28.60	43.50
125.580	13.79	2.03	27.94	18.44	-25.06	43.50
167.970	10.65	2.37	29.81	17.80	-25.70	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Date of Test :	May 21, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-5W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m
34.550	9.51	1.03	19.80	30.35	-9.65	40.00
135.192	12.64	2.11	10.00	24.75	-18.75	43.50
144.842	12.24	2.20	14.00	28.45	-15.05	43.50
154.496	11.49	2.29	11.60	25.38	-18.12	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Reviewer : Martin Lu 2/15

Date of Test :	May 21, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-7W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m
33.510	16.09	1.03	28.64	20.07	-19.93	40.00
62.130	6.67	1.42	34.88	17.38	-22.62	40.00
122.340	13.54	2.02	25.44	15.71	-27.79	43.50
166.620	10.68	2.36	29.84	17.77	-25.73	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Date of Test :	May 21, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-7W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m
34.500	9.58	1.03	45.01	29.91	-10.09	40.00
66.873	5.91	1.47	39.33	21.28	-18.72	40.00
135.193	12.64	2.11	34.42	23.95	-19.55	43.50
144.848	12.24	2.20	36.82	25.95	-17.55	43.50
152.200	11.83	2.30	34.70	23.53	-19.97	43.50
308.993	13.28	3.31	30.33	22.09	-23.91	46.00

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Reviewer : Marcus Liu 2/15

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-9W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m
33.240	16.17	1.04	1.12	18.33	-21.67	40.00
50.250	8.64	1.24	4.59	14.48	-25.52	40.00
66.450	6.44	1.46	7.03	14.93	-25.07	40.00
125.850	13.79	2.03	0.06	15.88	-27.62	43.50
167.160	10.67	2.36	4.17	17.20	-26.30	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-9W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m
33.650	10.02	1.03	20.80	31.85	-8.15	40.00
125.180	13.31	2.03	7.70	23.04	-20.46	43.50
135.810	12.61	2.13	7.70	22.44	-21.06	43.50
145.170	12.24	2.20	11.10	25.55	-17.95	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Reviewer : Martin Lu 7/15

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-11W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m
32.970	16.31	1.04	3.26	20.60	-19.40	40.00
54.030	7.91	1.33	5.29	14.53	-25.47	40.00
125.850	13.79	2.03	1.97	17.79	-25.71	43.50
167.430	10.66	2.37	3.55	16.58	-26.92	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-11W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m
33.650	10.02	1.03	23.70	34.75	-5.25	40.00
53.350	4.29	1.32	10.70	16.31	-23.69	40.00
145.400	12.24	2.20	16.20	30.64	-12.86	43.50
154.500	11.49	2.29	10.60	24.38	-19.12	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Reviewer : Martin Liu 7/15

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-15W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m
32.430	16.48	1.05	2.88	20.40	-19.60	40.00
70.500	6.30	1.51	8.68	16.49	-23.51	40.00
126.120	13.74	2.03	-0.42	15.35	-28.15	43.50
167.970	10.65	2.37	3.80	16.82	-26.68	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUM-15W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m
33.240	10.21	1.04	20.97	32.22	-7.78	40.00
125.580	13.28	2.03	5.51	20.83	-22.67	43.50
135.840	12.61	2.13	6.00	20.74	-22.76	43.50
145.290	12.24	2.20	7.18	21.63	-21.87	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Reviewer : Martin Li 2/15

Date of Test	:	May 24, 1999	Temperature	:	22 ℃
EUT	:	Energy Saving Lamp	Humidity	:	50 %
Model No.	:	EUT-12W	Test Mode	:	ON
Test Engineer:		Cherry Zhou			

Frequency	Antenna Factor	Cable Loss	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dBμV/m	dBμV/m
32.430	16.48	1.05	3.36	20.88	-19.12	40.00
62.130	6.67	1.42	8.19	16.28	-23.72	40.00
126.390	13.69	2.04	4.42	18.15	-25.35	43.50
167.700	10.66	2.37	5.44	18.46	-25.04	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Date of Test	:	May 24, 1999	Temperature	:	22 ℃
EUT	:	Energy Saving Lamp	Humidity	:	50 %
Model No.	:	EUT-12W	Test Mode	:	ON
Test Engineer:		Cherry Zhou			

Frequency	Antenna Factor	Cable Loss	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dBμV/m	dBμV/m
32.700	10.53	1.04	21.24	32.81	-7.19	40.00
125.580	13.28	2.03	6.57	21.89	-21.61	43.50
135.840	12.61	2.13	6.98	21.72	-21.78	43.50
145.290	12.24	2.20	8.49	22.94	-20.56	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Reviewer : Martin Liu 7/15

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUT-16W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m
32.700	16.39	1.04	31.84	23.61	-16.39	40.00
100.200	11.11	1.80	28.39	15.87	-27.63	43.50
123.420	13.67	2.03	30.15	20.55	-22.95	43.50
167.430	10.66	2.37	32.48	20.46	-23.04	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUT-16W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m
32.700	10.53	1.04	21.61	33.18	-6.82	40.00
125.580	13.28	2.03	5.82	21.14	-22.36	43.50
135.840	12.61	2.13	6.25	20.99	-22.51	43.50
145.020	12.24	2.20	6.05	20.50	-23.00	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Reviewer : Martin Liu 2/15

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUT-20W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m
33.240	16.17	1.04	28.90	20.42	-19.58	40.00
98.040	10.74	1.77	28.70	15.73	-27.77	43.50
126.120	13.74	2.03	28.84	19.29	-24.21	43.50
167.700	10.66	2.37	28.97	16.95	-26.55	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUT-20W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m
34.860	9.39	1.03	21.88	32.30	-7.70	40.00
125.580	13.28	2.03	7.14	22.46	-21.04	43.50
135.840	12.61	2.13	7.25	21.99	-21.51	43.50
145.290	12.24	2.20	8.70	23.15	-20.35	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Reviewer : Martin Lu 3/15

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUT-24W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m
32.430	16.48	1.05	6.14	23.66	-16.34	40.00
53.490	8.02	1.32	4.85	14.19	-25.81	40.00
124.230	13.75	2.04	1.61	17.40	-26.10	43.50
167.430	10.66	2.37	6.80	19.83	-23.67	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Date of Test :	May 24, 1999	Temperature :	22 ℃
EUT :	Energy Saving Lamp	Humidity :	50 %
Model No. :	EUT-24W	Test Mode :	ON
Test Engineer:	Cherry Zhou		

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m
32.970	10.40	1.04	21.74	33.18	-6.82	40.00
125.580	13.28	2.03	6.82	22.14	-21.36	43.50
135.840	12.61	2.13	7.46	22.20	-21.30	43.50
145.290	12.24	2.20	8.99	23.44	-20.06	43.50

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

Reviewer : Martin Liu 2/15

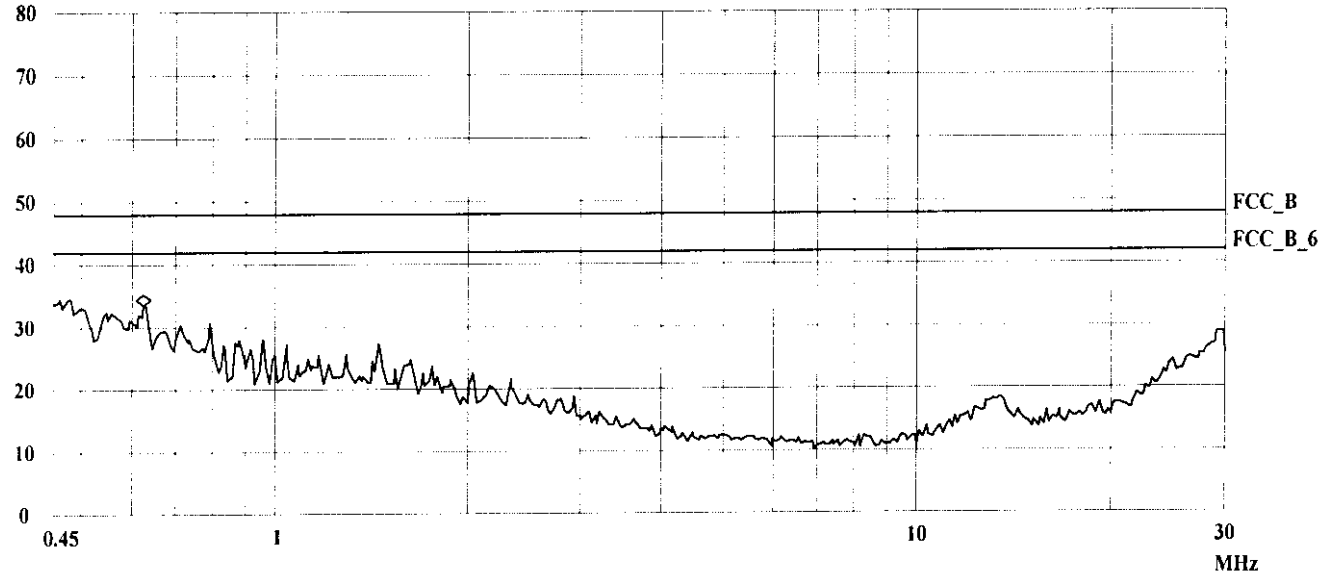
APPENDIX I

Conduction Test
FCC PART 18

24. May 99 21:32

EUT:	Energy saving lamp M/N:EUM-5W
Manuf:	MAKIDOL
Op Cond:	ON
Operator:	Cherry
Test Spec:	Vb 120V/60Hz
Comment:	Temp:22'C
	Humi:50%

dBuV Mkr : 626.00 kHz 33.6 dBuV

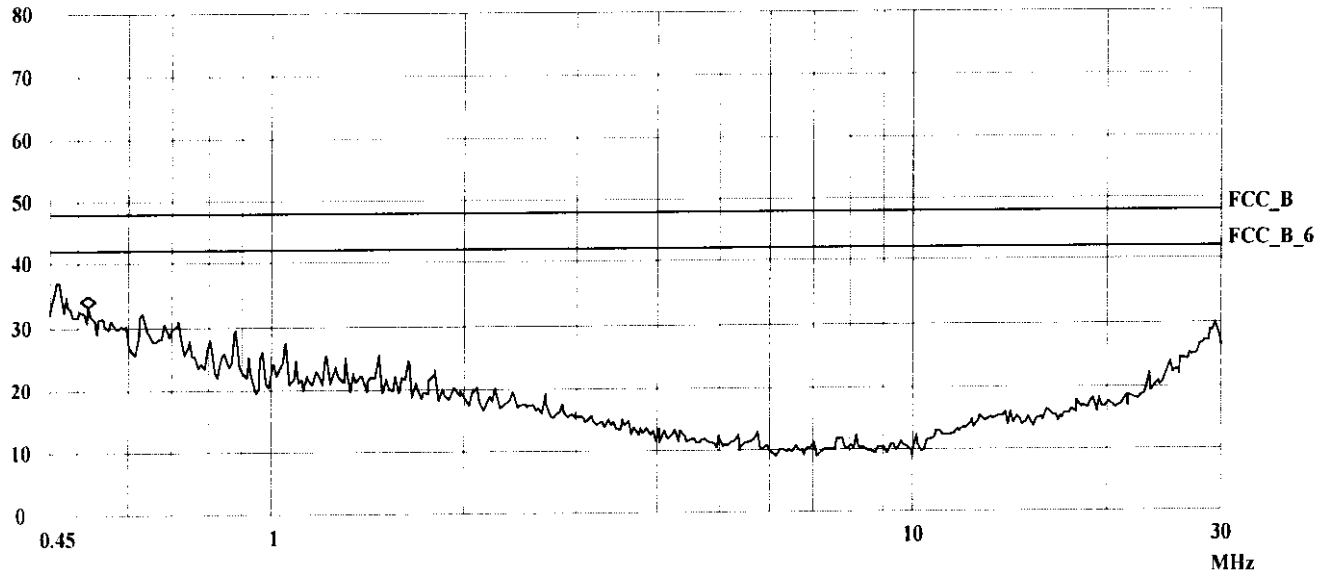


Conduction Test
FCC PART 18

24. May 99 21:35

EUT:	Energy saving lamp M/N:EUM-5W
Manuf:	MAKIDOL
Op Cond:	ON
Operator:	Cherry
Test Spec:	Va 120V/60Hz
Comment:	Temp:22'C
	Humi:50%

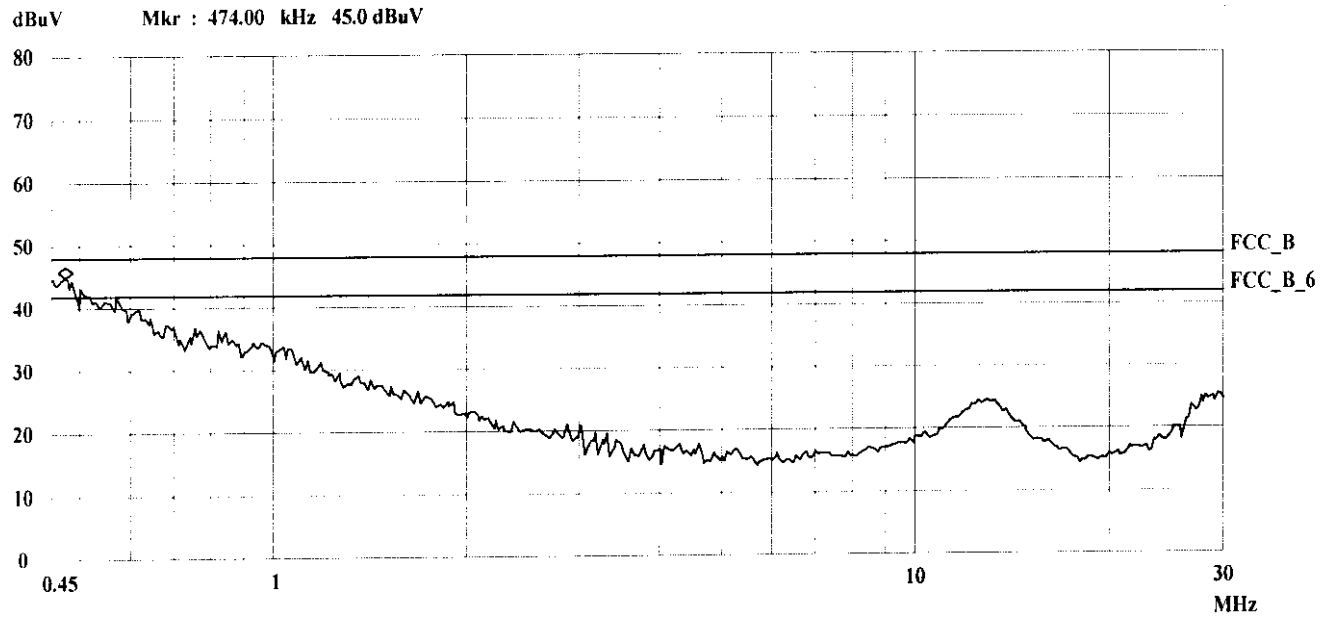
dBuV Mkr : 518.00 kHz 33.3 dBuV



Conduction Test
FCC PART 18

24. May 99 21:26

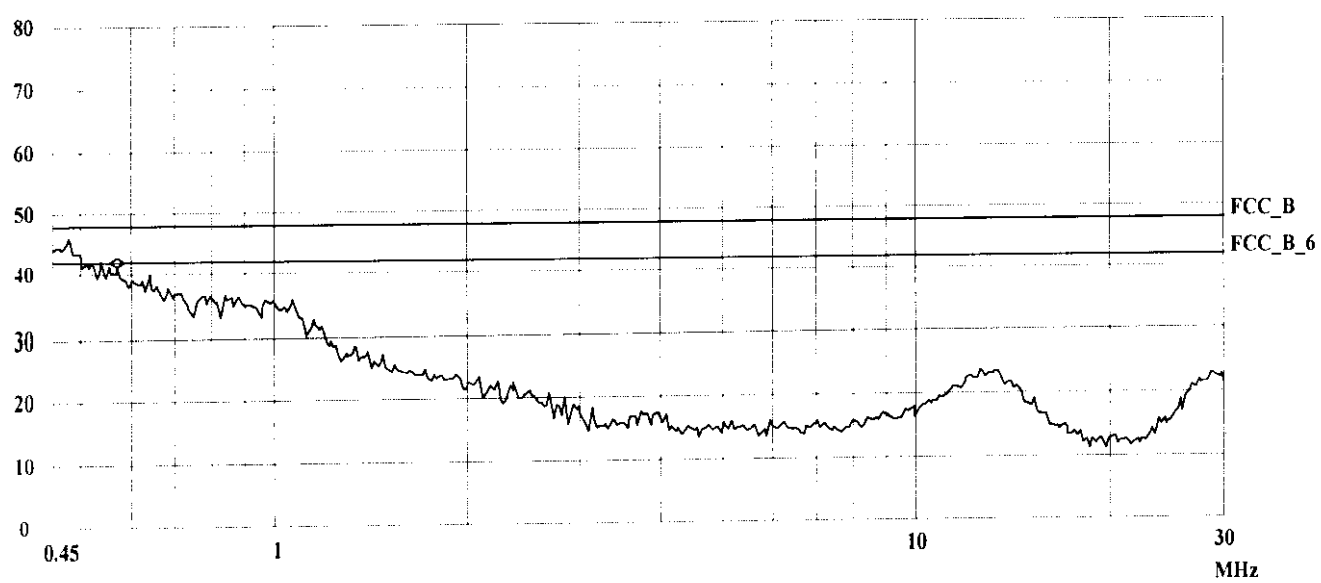
EUT: Energy saving lamp M/N:EUM-7W
Manuf: MAKIDOL
Op Cond: ON
Operator: Cherry
Test Spec: Va 120V/60Hz
Comment: Temp:22'C
Humi:50%



Conduction Test
FCC PART 18

24. May 99 21:29

EUT: Energy saving lamp M/N:EUM-7W
Manuf: MAKIDOL
Op Cond: ON
Operator: Cherry
Test Spec: Vb 120V/60Hz
Comment: Temp:22'C
Humi:50%

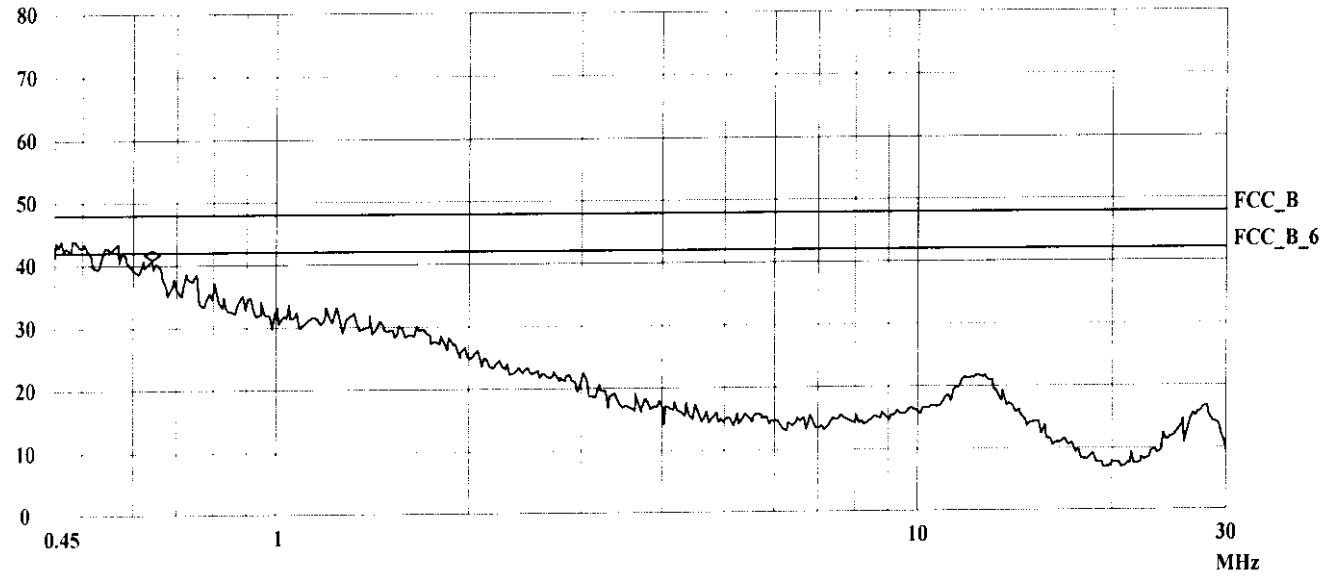


Conduction Test
FCC PART 18

24. May 99 21:52

EUT:	Energy saving lamp M/N:EUM-9W
Manuf:	MAKIDOL
Op Cond:	ON
Operator:	Cherry
Test Spec:	Va 120V/60Hz
Comment:	Temp:22'C
	Humi:50%

dBuV Mkr : 642.00 kHz 40.8 dBuV

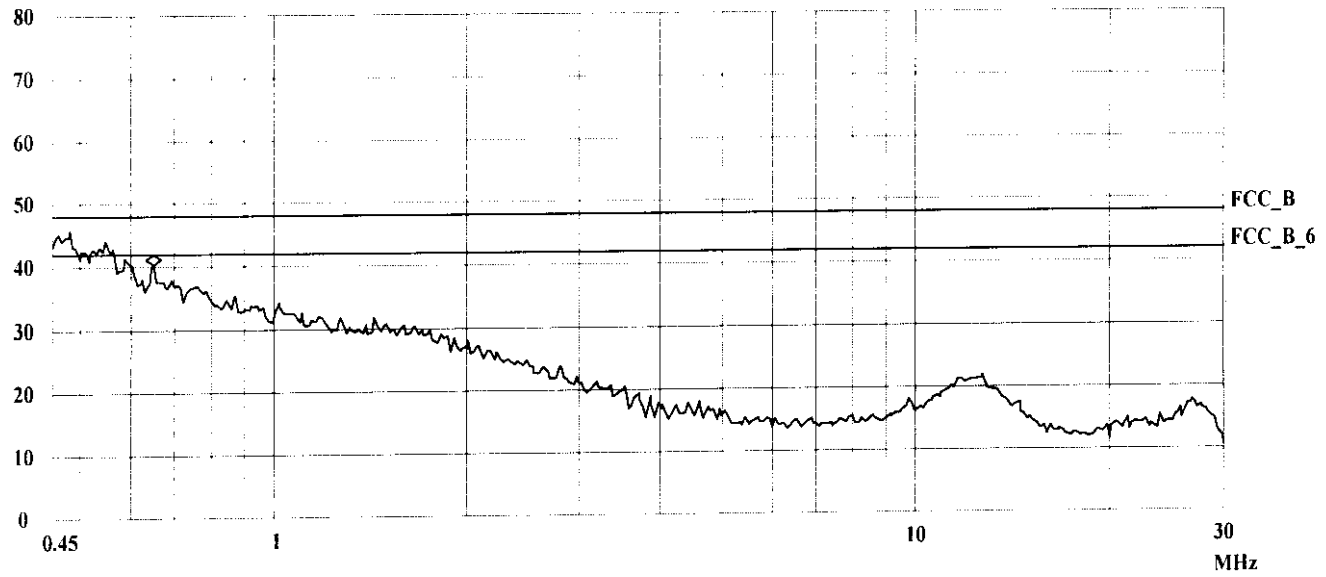


Conduction Test
FCC PART 18

24. May 99 21:55

EUT:	Energy saving lamp M/N:EUM-9W
Manuf:	MAKIDOL
Op Cond:	ON
Operator:	Cherry
Test Spec:	Vb 120V/60Hz
Comment:	Temp:22'C
	Humi:50%

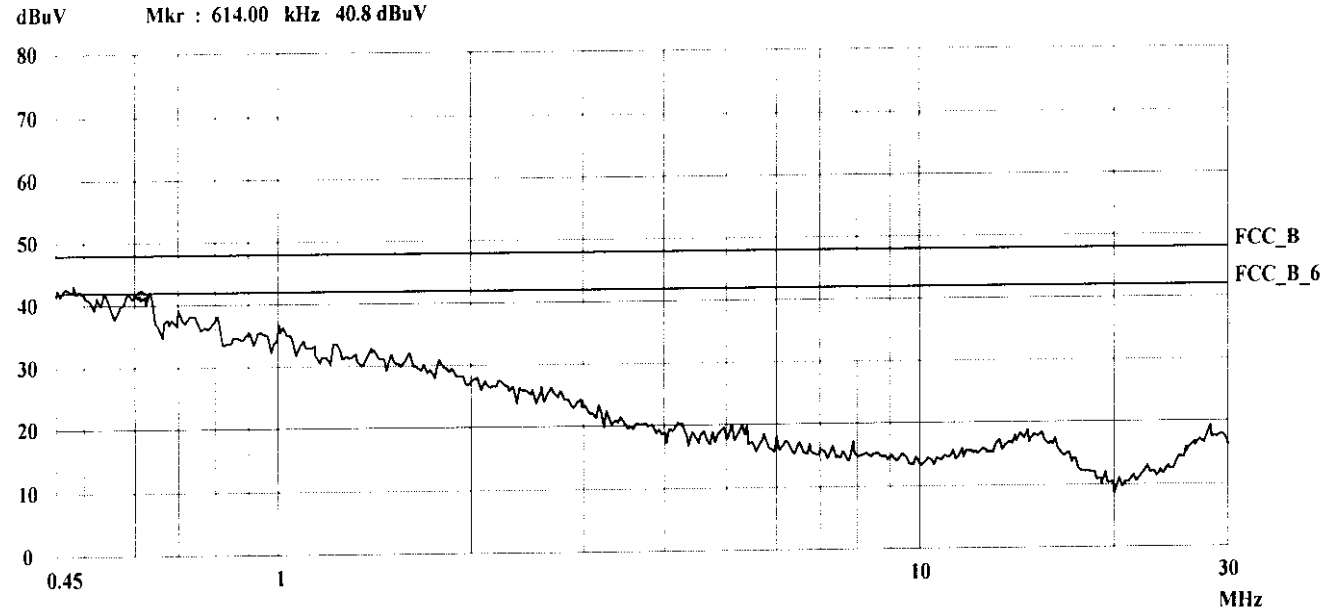
dBuV Mkr : 650.00 kHz 40.3 dBuV



Conduction Test
FCC PART 18

24. May 99 21:18

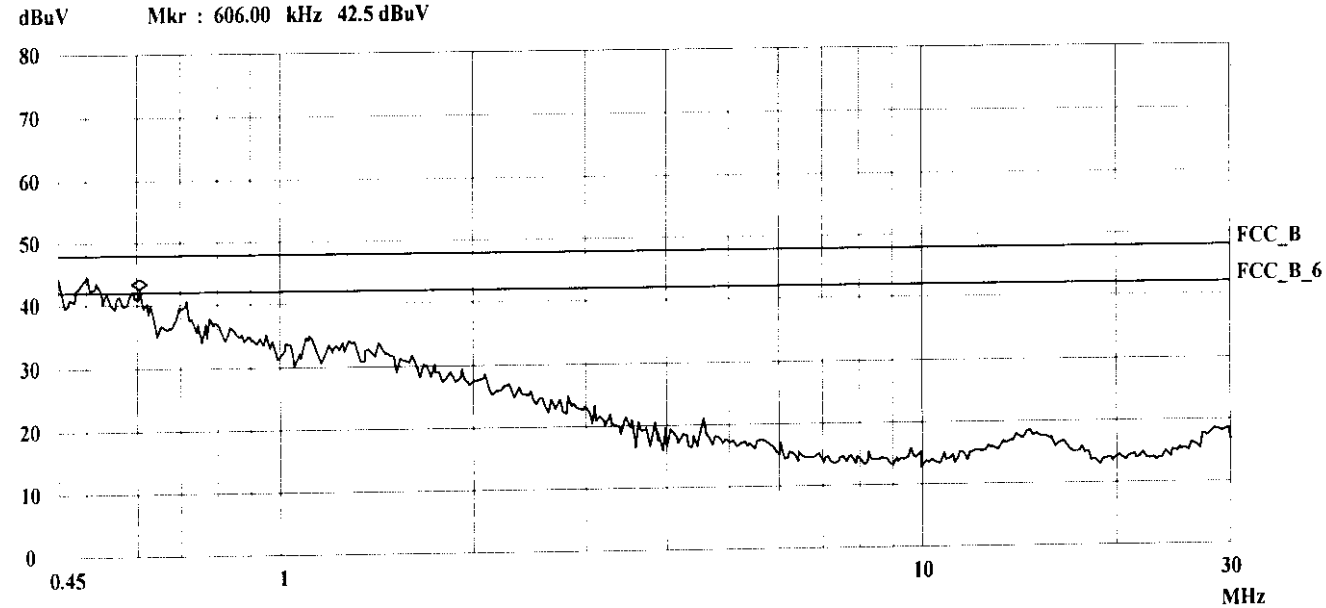
EUT:	Energy saving lamp M/N:EUM-11W
Manuf:	MAKIDOL
Op Cond:	ON
Operator:	Cherry
Test Spec:	Vb 120V/60Hz
Comment:	Temp:22'C
	Humi:50%



Conduction Test
FCC PART 18

24. May 99 21:22

EUT:	Energy saving lamp M/N:EUM-11W
Manuf:	MAKIDOL
Op Cond:	ON
Operator:	Cherry
Test Spec:	Va 120V/60Hz
Comment:	Temp:22'C
	Humi:50%

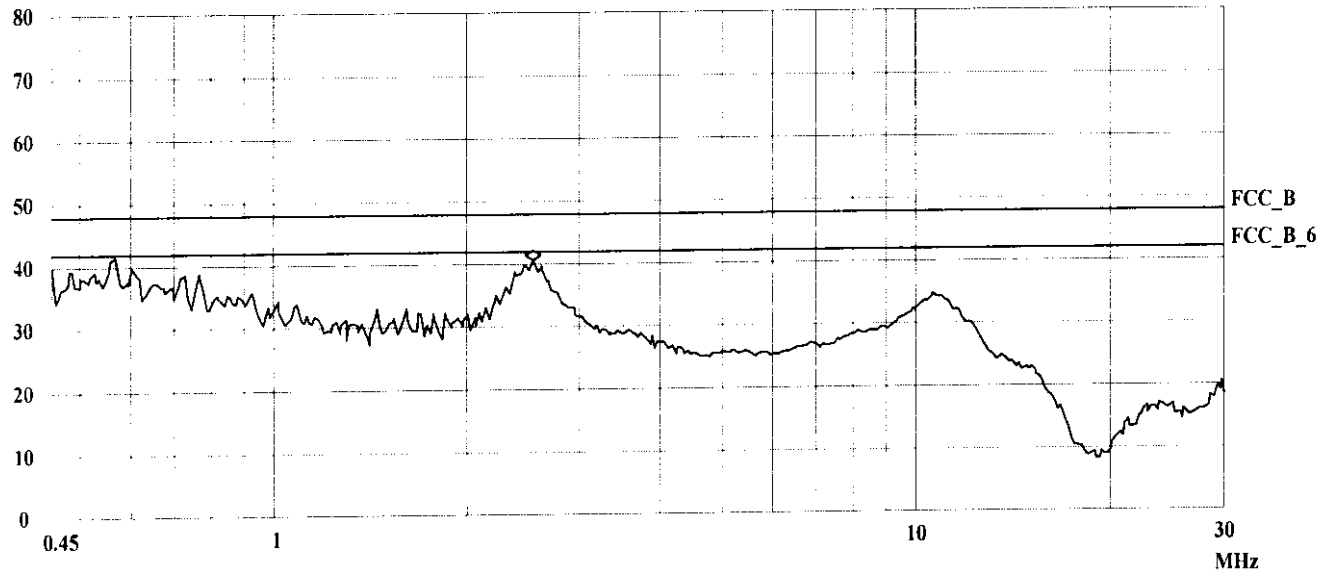


Conduction Test
FCC PART 18

24. May 99 20:55

EUT: Energy saving lamp M/N:EUT-12W
Manuf: MAKIDOL
Op Cond: ON
Operator: Cherry
Test Spec: Vb 120V/60Hz
Comment: Temp:22'C
Humi:50%

dBuV Mkr : 2.54600MHz 40.6 dBuV

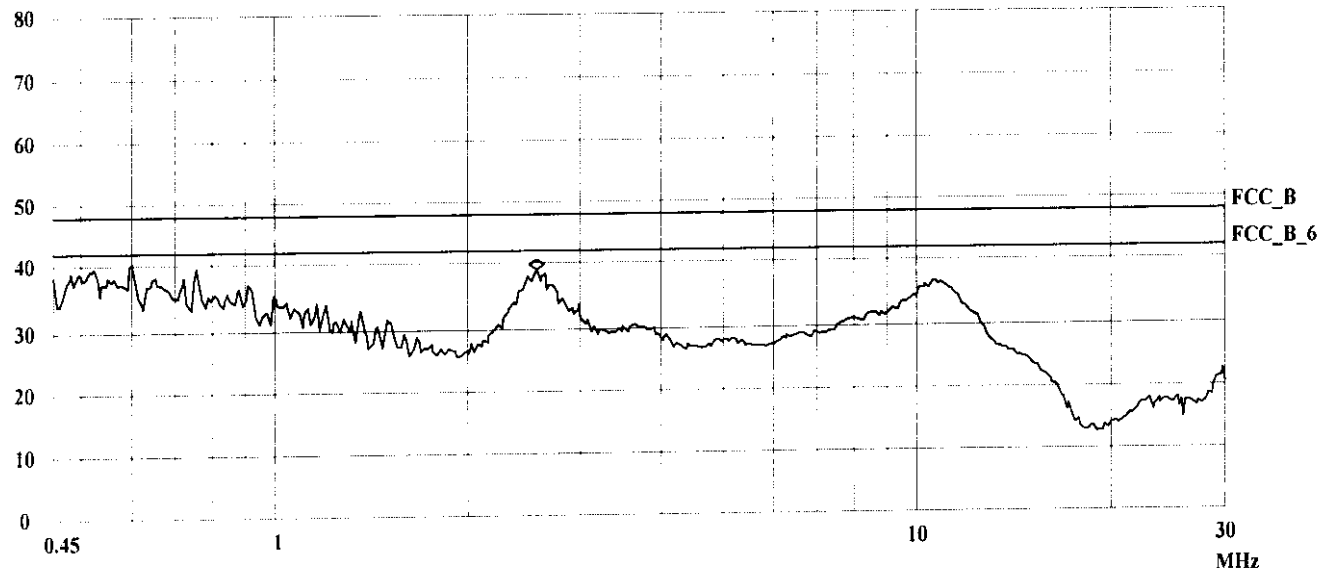


Conduction Test
FCC PART 18

24. May 99 20:58

EUT: Energy saving lamp M/N:EUT-12W
Manuf: MAKIDOL
Op Cond: ON
Operator: Cherry
Test Spec: Va 120V/60Hz
Comment: Temp:22'C
Humi:50%

dBuV Mkr : 2.56600MHz 38.9 dBuV

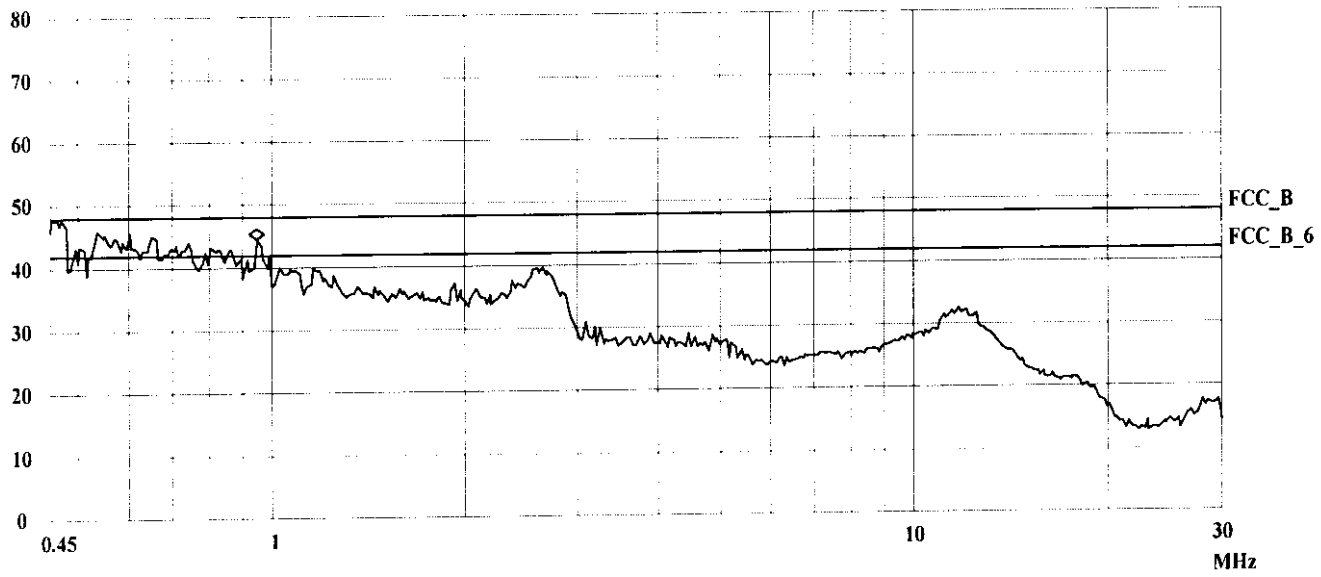


Conduction Test
FCC PART 18

24. May 99 21:02

EUT:	Energy saving lamp M/N:EUM-15W
Manuf:	MAKIDOL
Op Cond:	ON
Operator:	Cherry
Test Spec:	Va 120V/60Hz
Comment:	Temp:22'C
	Humi:50%

dBuV Mkr : 950.00 kHz 44.5 dBuV

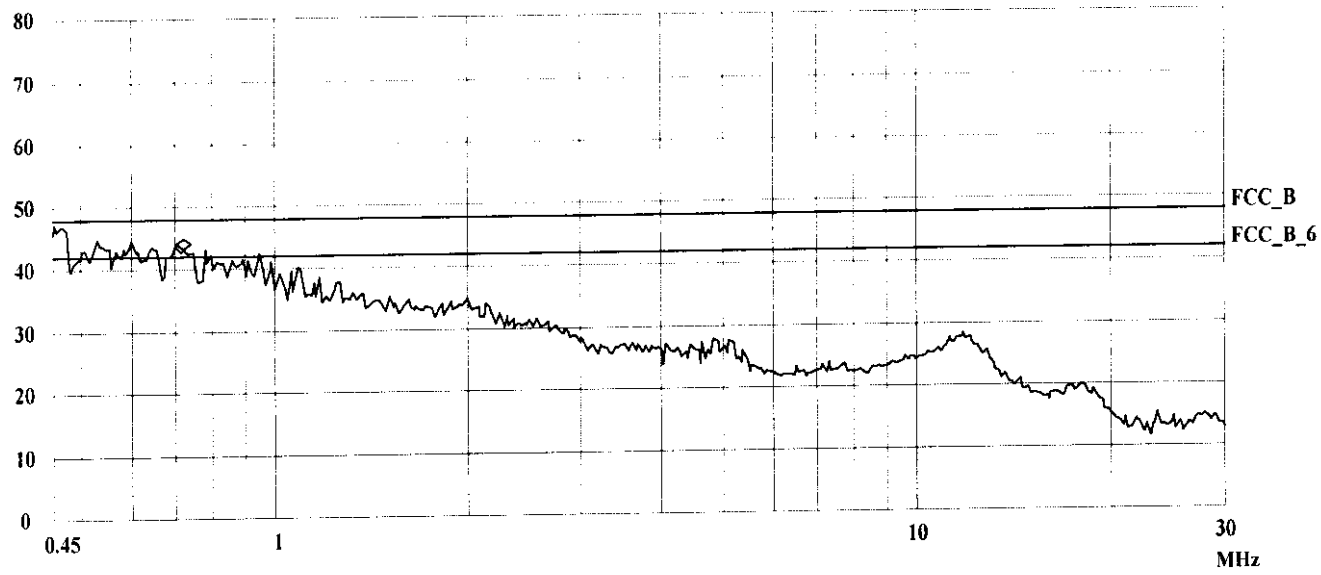


Conduction Test
FCC PART 18

24. May 99 21:14

EUT:	Energy saving lamp M/N:EUM-15W
Manuf:	MAKIDOL
Op Cond:	ON
Operator:	Cherry
Test Spec:	Vb 120V/60Hz
Comment:	Temp:22'C
	Humi:50%

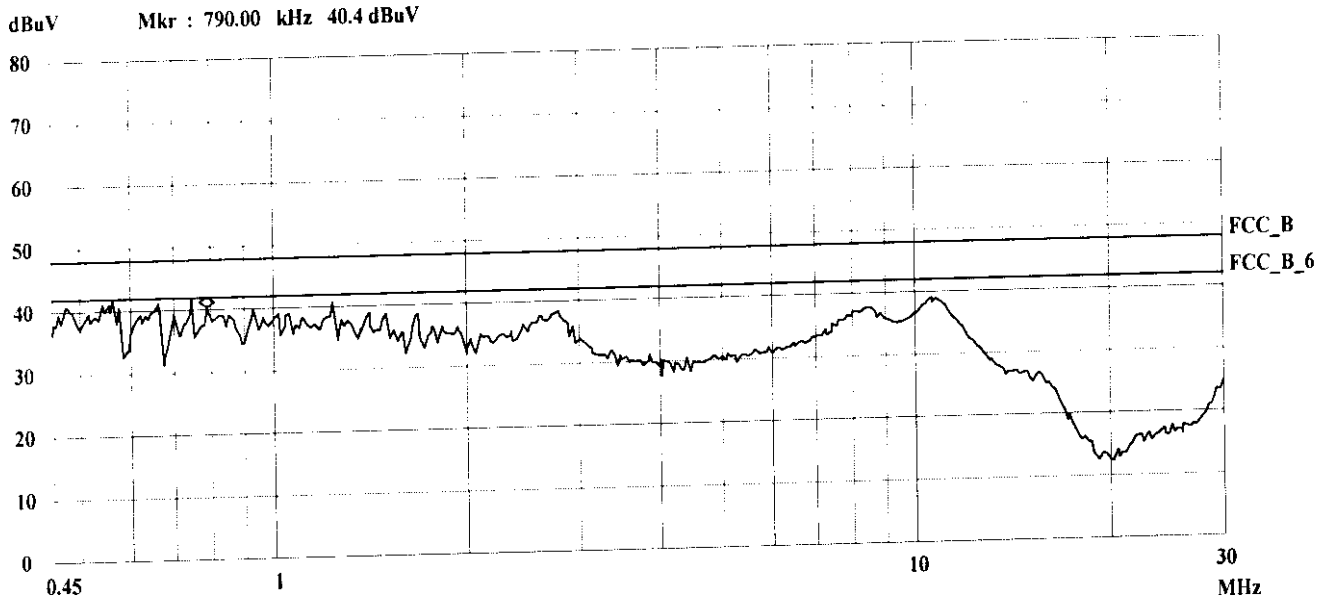
dBuV Mkr : 722.00 kHz 43.2 dBuV



Conduction Test
FCC PART 18

24. May 99 20:45

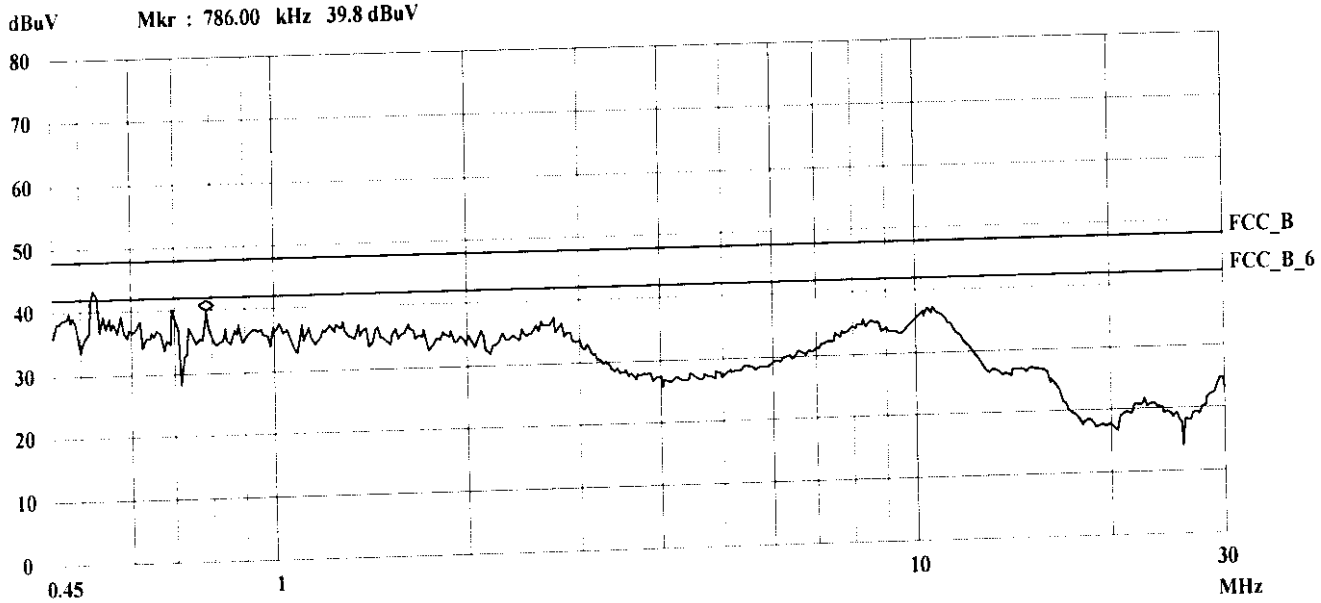
EUT: Energy saving lamp M/N:EUT-16W
Manuf: MAKIDOL
Op Cond: ON
Operator: Cherry
Test Spec: Va 120V/60Hz
Comment: Temp:22'C
Humi:50%



Conduction Test
FCC PART 18

24. May 99 20:49

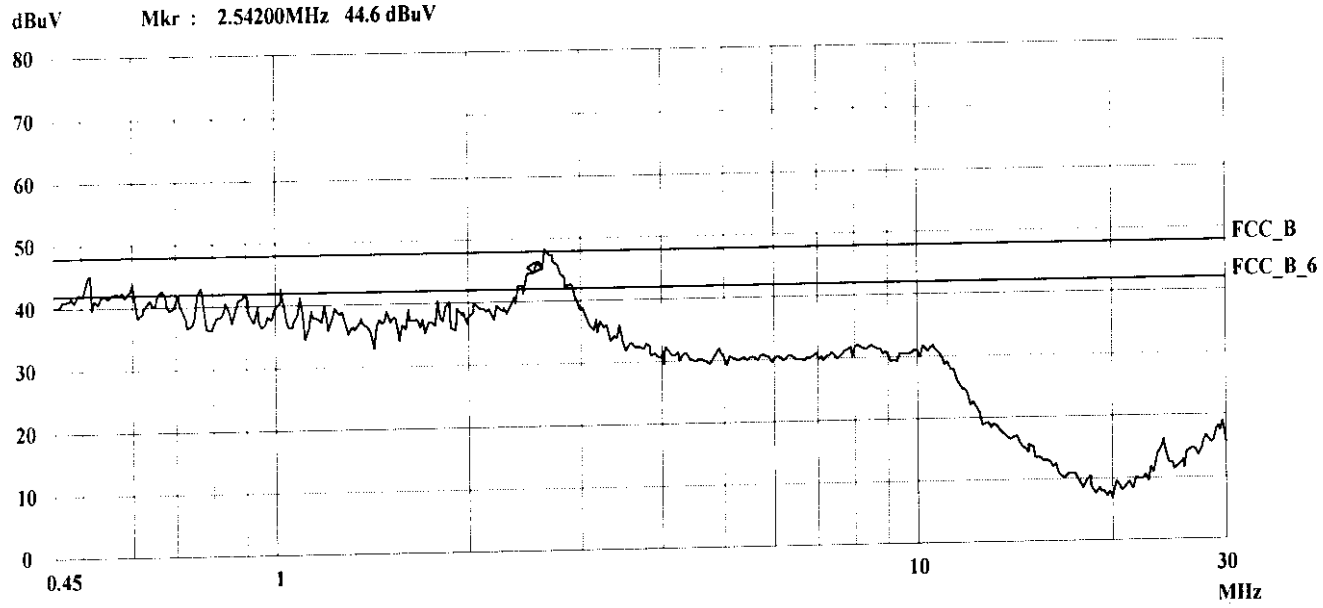
EUT: Energy saving lamp M/N:EUT-16W
Manuf: MAKIDOL
Op Cond: ON
Operator: Cherry
Test Spec: Vb 120V/60Hz
Comment: Temp:22'C
Humi:50%



Conduction Test
FCC PART 18

24. May 99 20:38

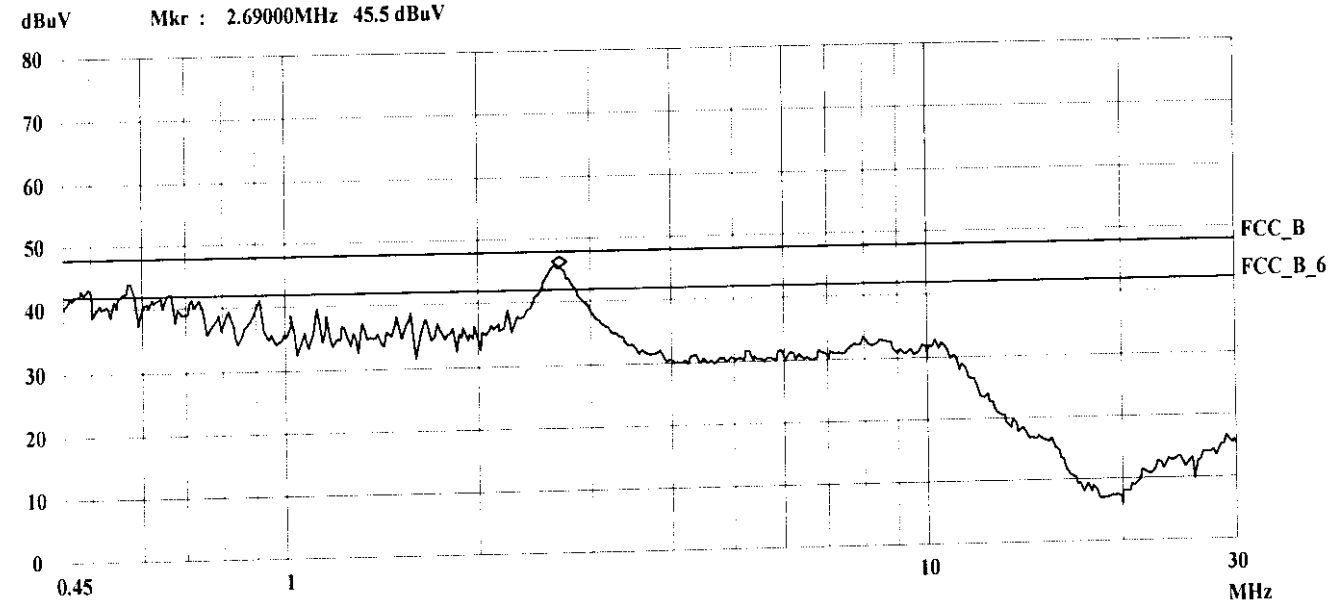
EUT: Energy saving lamp M/N:EUT-20W
Manuf: MAKIDOL
Op Cond: ON
Operator: Cherry
Test Spec: Vb 120V/60Hz
Comment: Temp:22'C
Humi:50%



Conduction Test
FCC PART 18

24. May 99 20:42

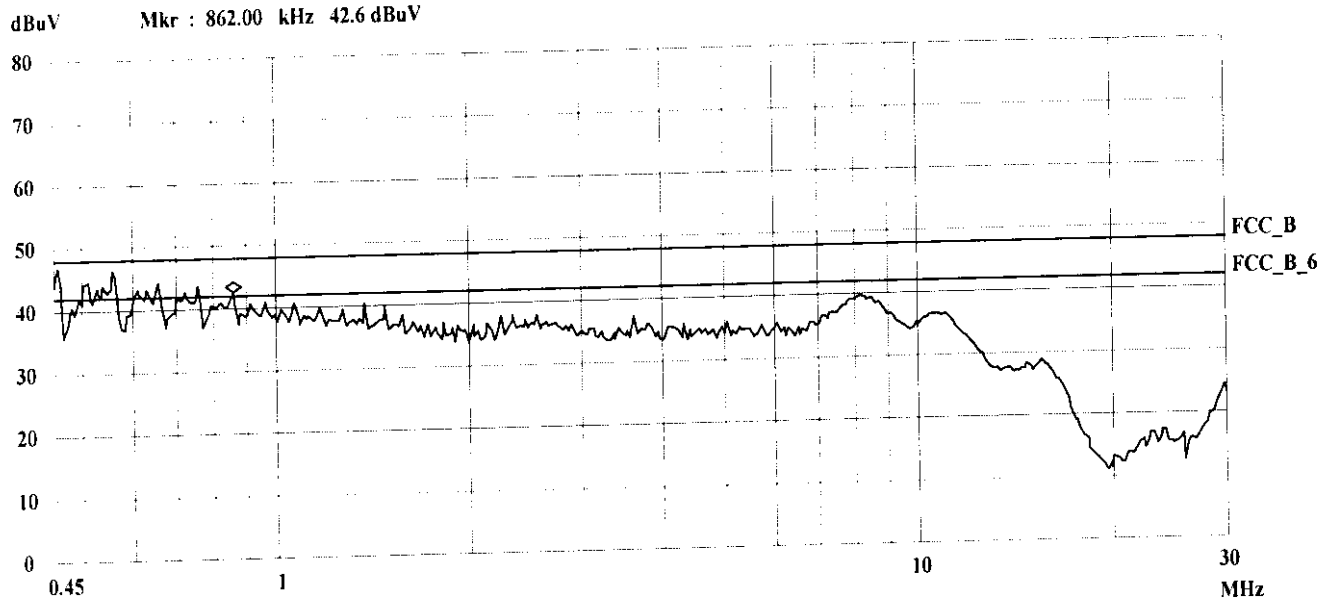
EUT: Energy saving lamp M/N:EUT-20W
Manuf: MAKIDOL
Op Cond: ON
Operator: Cherry
Test Spec: Va 120V/60Hz
Comment: Temp:22'C
Humi:50%



Conduction Test
FCC PART 18

24. May 99 20:29

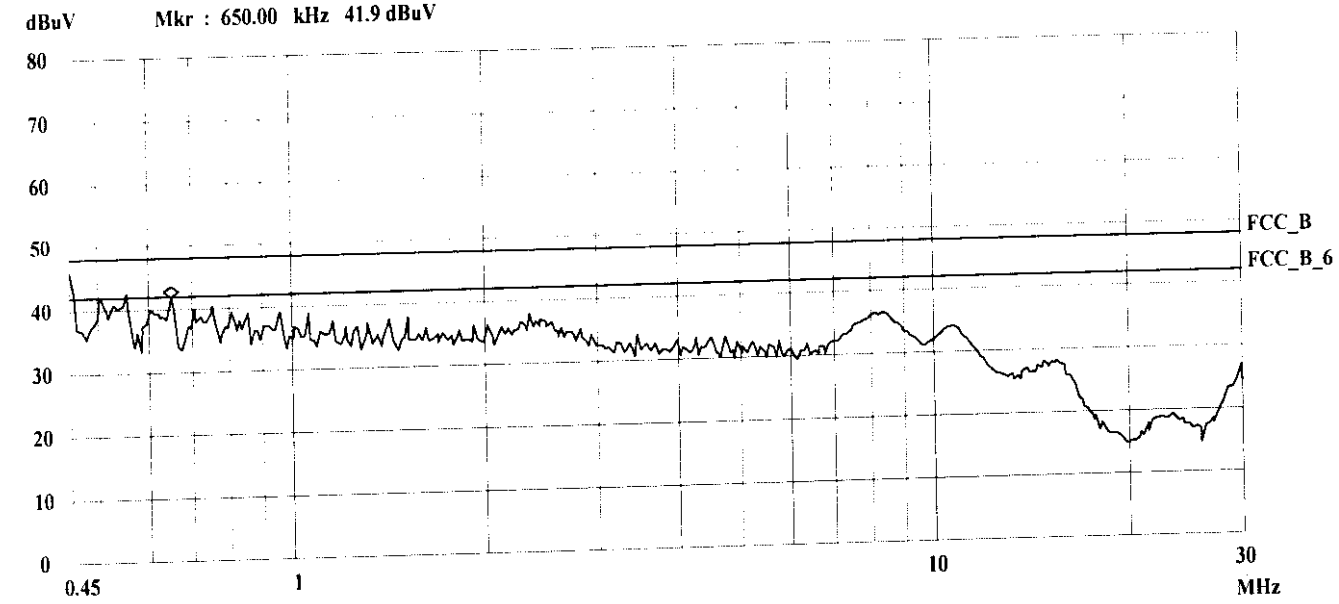
EUT:	Energy saving lamp M/N:EUT-24W
Manuf:	MAKIDOL
Op Cond:	ON
Operator:	Cherry
Test Spec:	Va 120V/60Hz
Comment:	Temp:22'C
	Humi:50%



Conduction Test
FCC PART 18

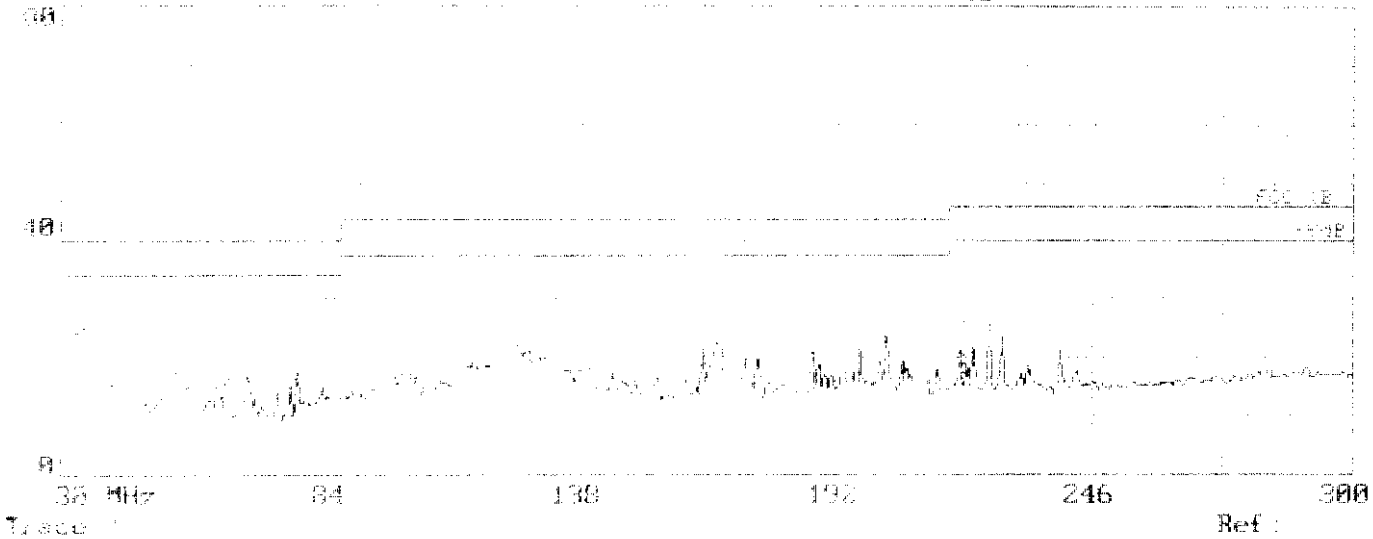
24. May 99 20:34

EUT:	Energy saving lamp M/N:EUT-24W
Manuf:	MAKIDOL
Op Cond:	ON
Operator:	Cherry
Test Spec:	Vb 120V/60Hz
Comment:	Temp:22'C
	Humi:50%



APPENDIX II

Data# 1 File#: MAKIDOL EMI Date: 05-21-1999 Time: 11:17:24
dBuV/m 966 Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



Trace: Ref :

Data# 2 File#: MAKIDOL EMI Date: 05-21-1999 Time: 11:19:02
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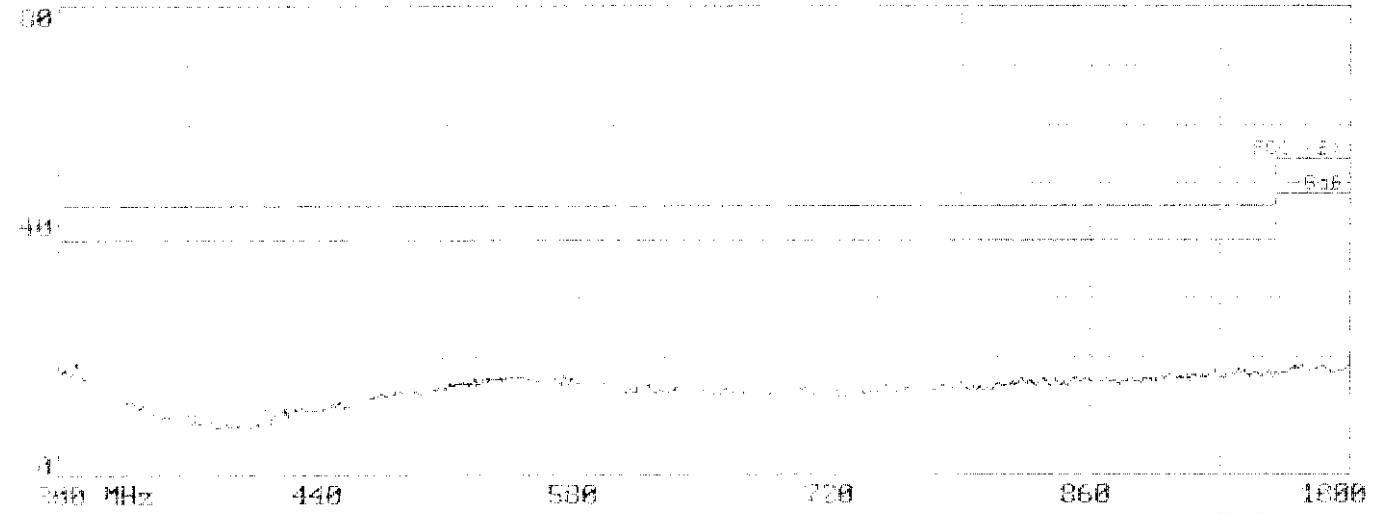

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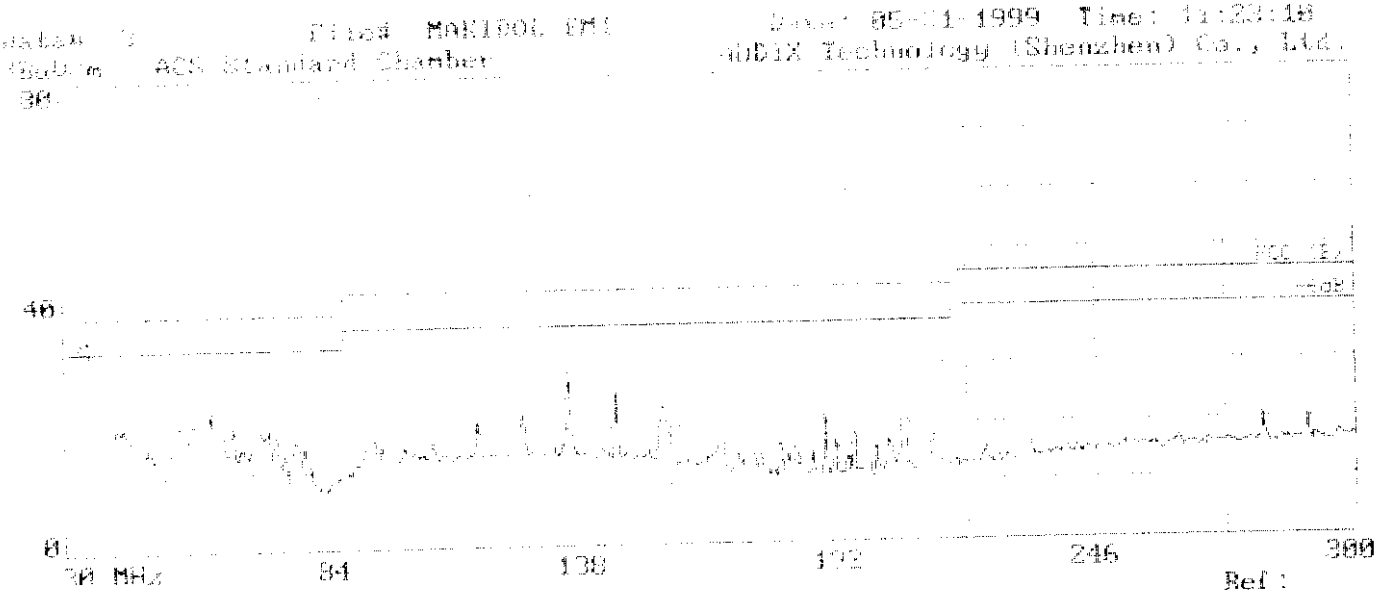
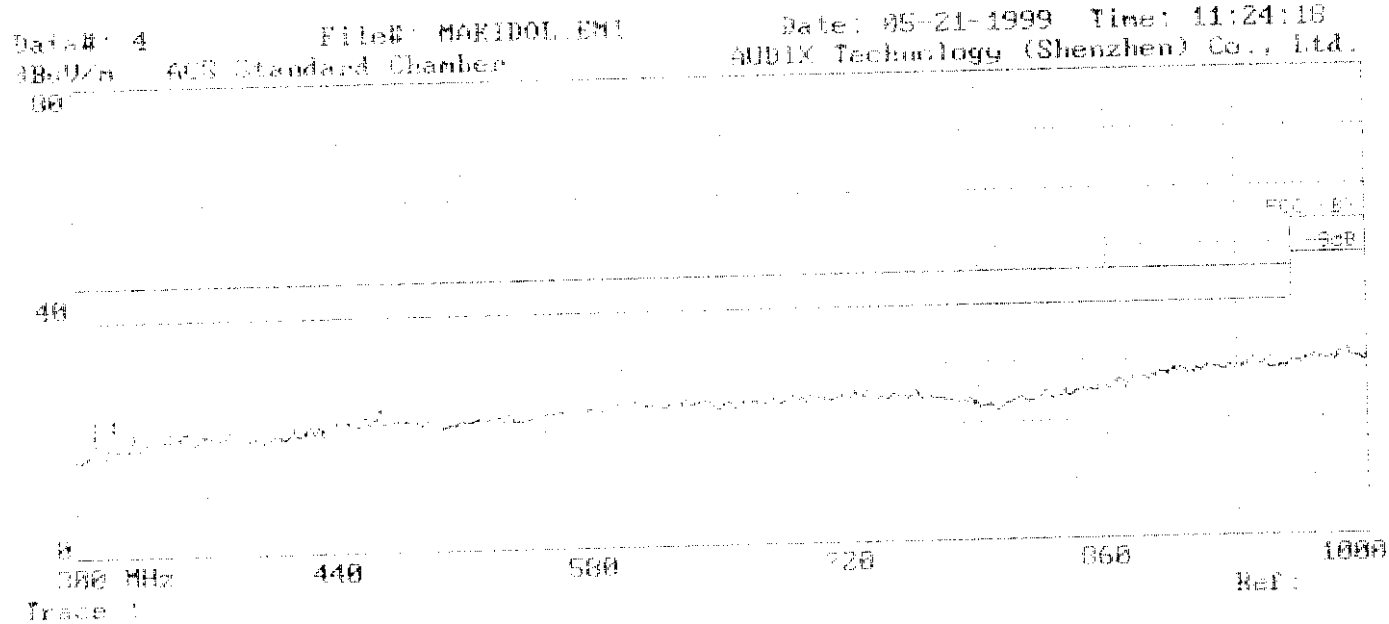
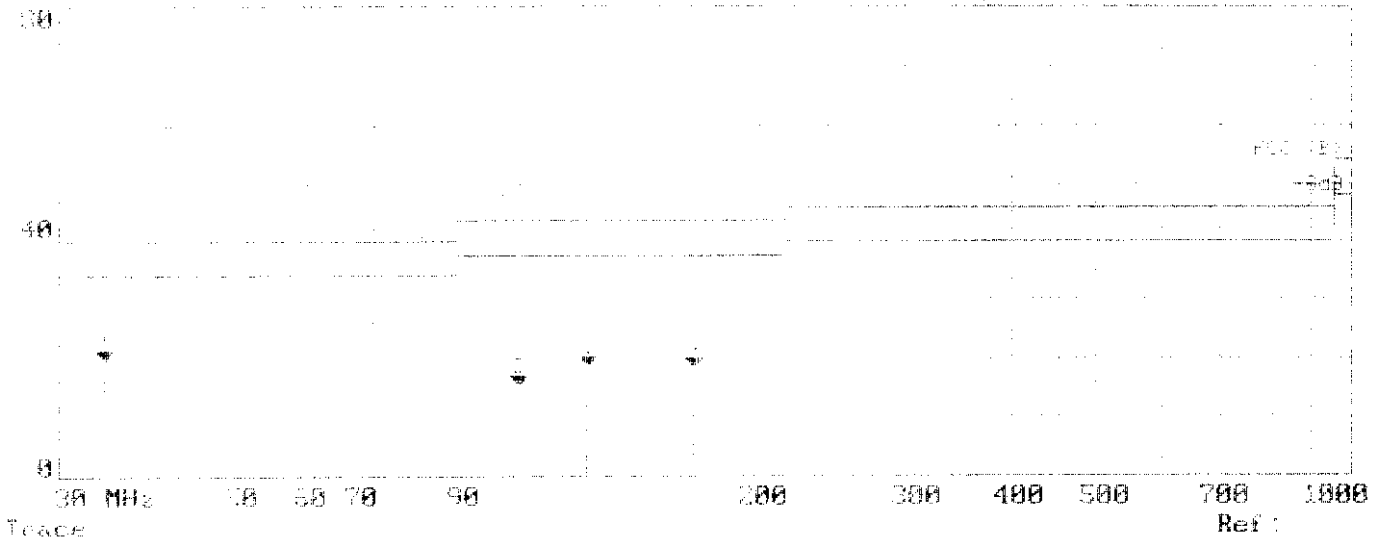

Date: 05-21-1999 Time: 11:23:18
AUDIX Technology (Shenzhen) Co., Ltd.
ACS Standard Chamber
30
40
0
30 MHz
84
138
192
246
300
Ref :

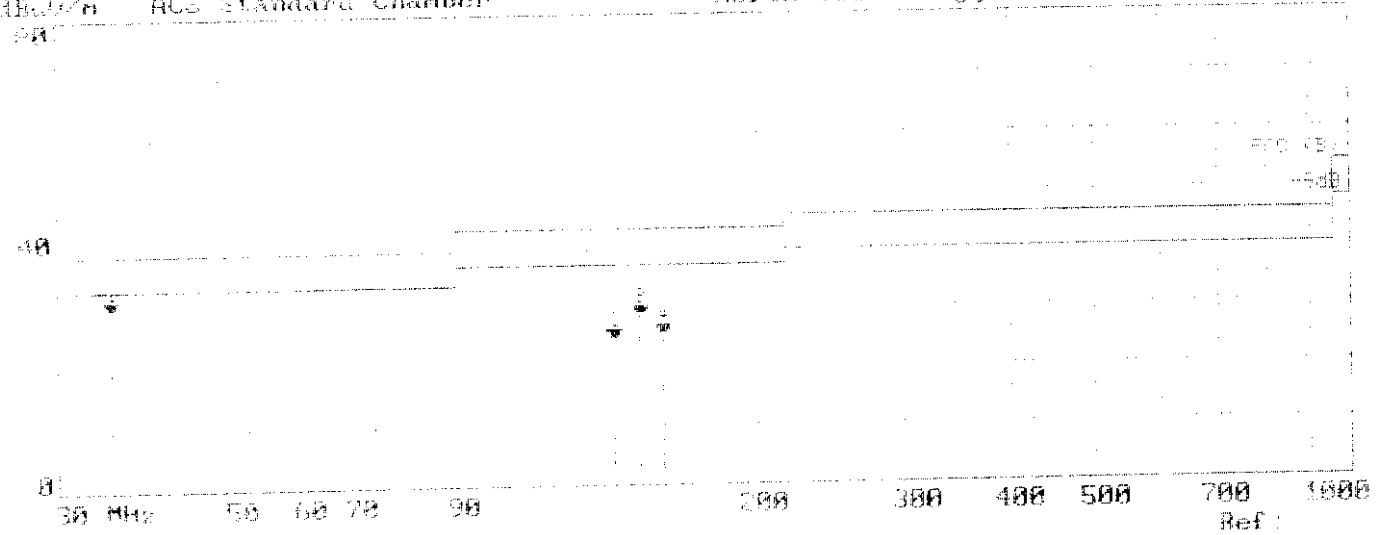

Date: 05-21-1999 Time: 11:24:18
AUDIX Technology (Shenzhen) Co., Ltd.
ACS Standard Chamber
300
400
0
300 MHz
440
580
720
860
1000
Ref :

Data#: 53 File#: MAKIDOL.EMI Date: 05-21-1999 Time: 11:17:24

dBuV/m ACC Standard Chamber ADDIX Technology (Shenzhen) Co., Ltd.



Data# 5 File#: MAKIDOL.EM1 Date: 05-31-1999 Time: 11:42:40
EMC/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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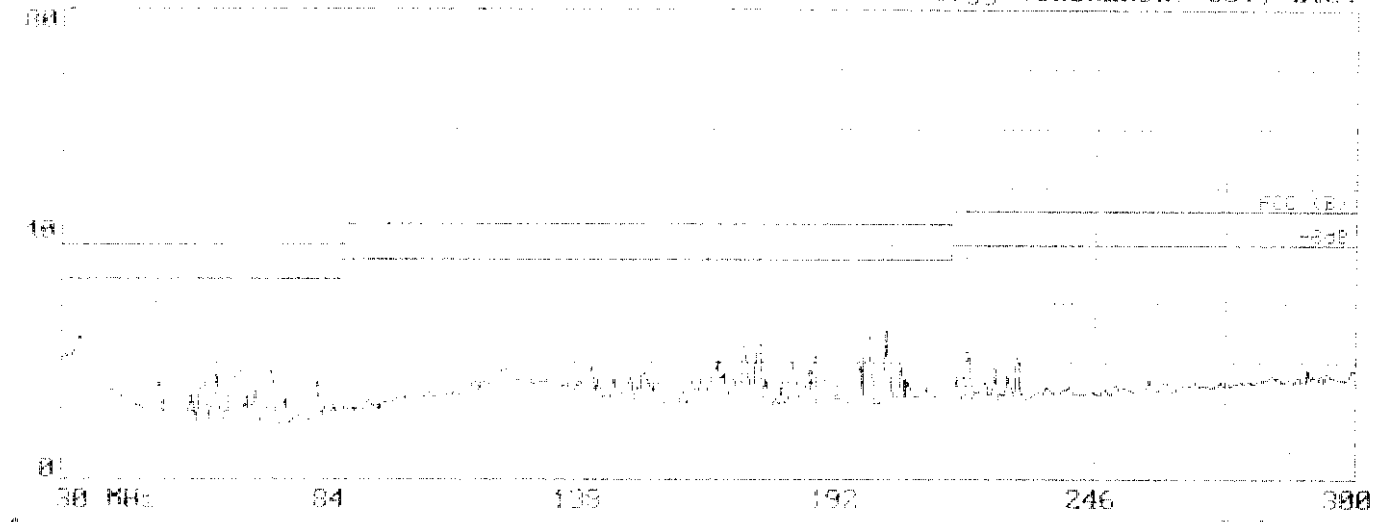
Data#: 9 File#: MAKIDOL.EMI Date: 05-21-1999 Time: 12:01:24
dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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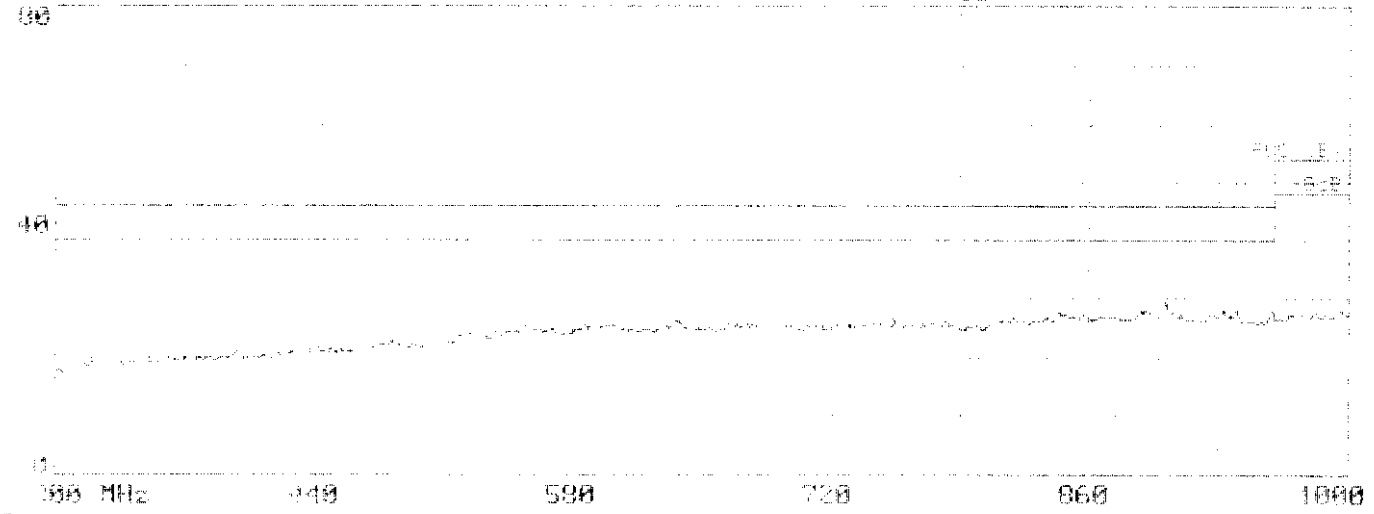
Data#: 18 File#: MAKIDOL.EMI Date: 05-21-1999 Time: 12:02:28
dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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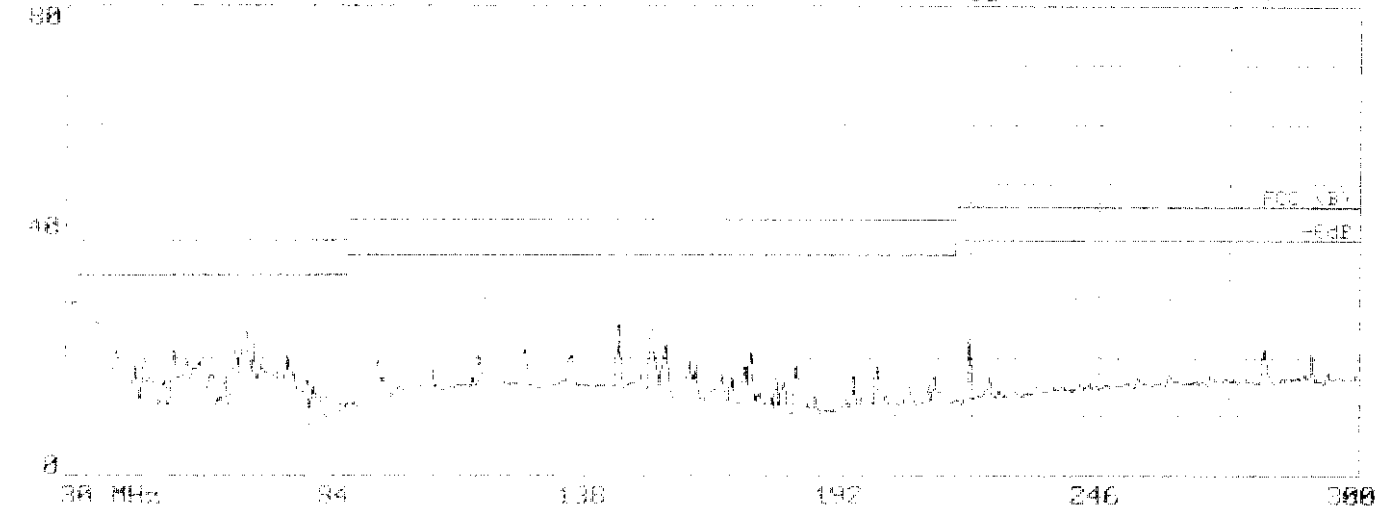
Data#: 6 File#: MAK(DOL.EMI Date: 05-21-1999 Time: 11:46:10
dBuV/m ACS Standard Chamber ADDIX Technology (Shenzhen) Co., Ltd.



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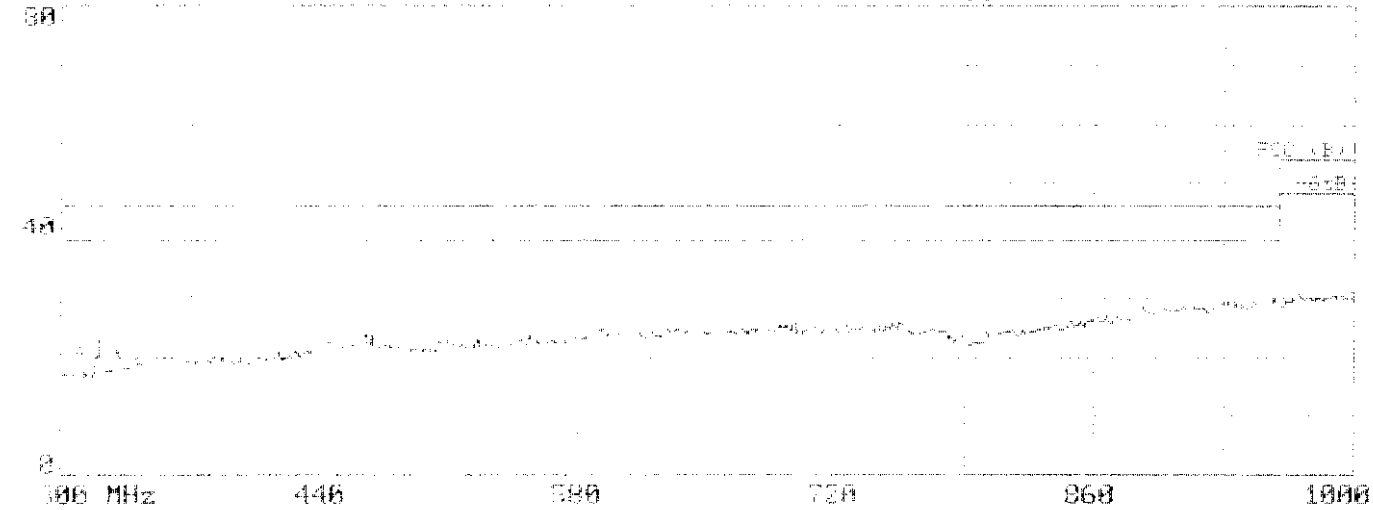
Data#: 7 File#: MAK(DOL.EMI Date: 05-21-1999 Time: 11:47:11
dBuV/m ACS Standard Chamber ADDIX Technology (Shenzhen) Co., Ltd.



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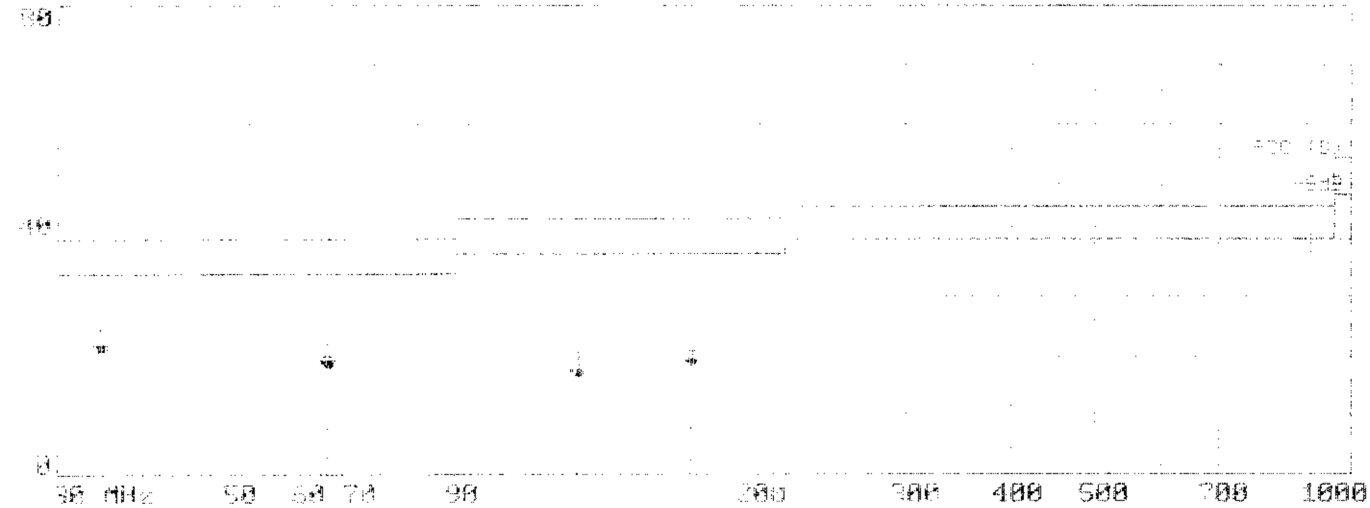
Data: 44 File: MAKIDOL EMI Date: 05-21-1999 Time: 12:01:24

dBuV/m ACA Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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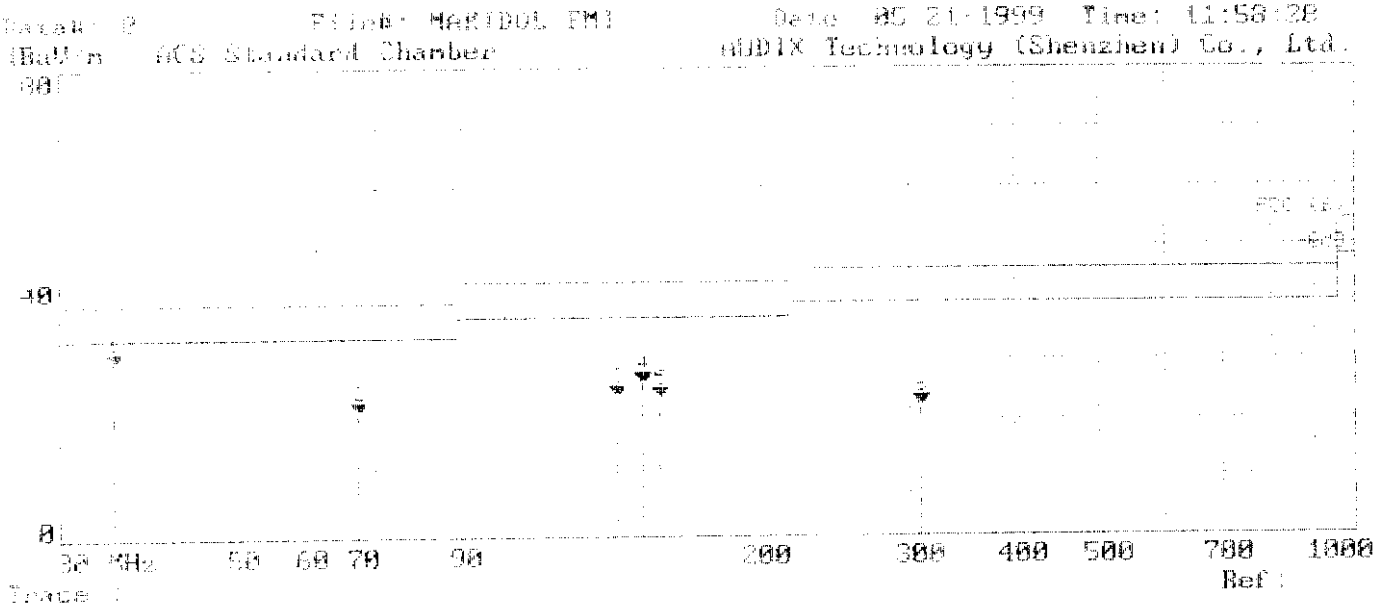
dBuV/m
80
40
0
30 MHz
50
60
70
90
200
300
400
500
700
1000
Ref :

Data#: 16 File#: MAX1001.EMI Date: 05-24-1999 Time: 08:22:51
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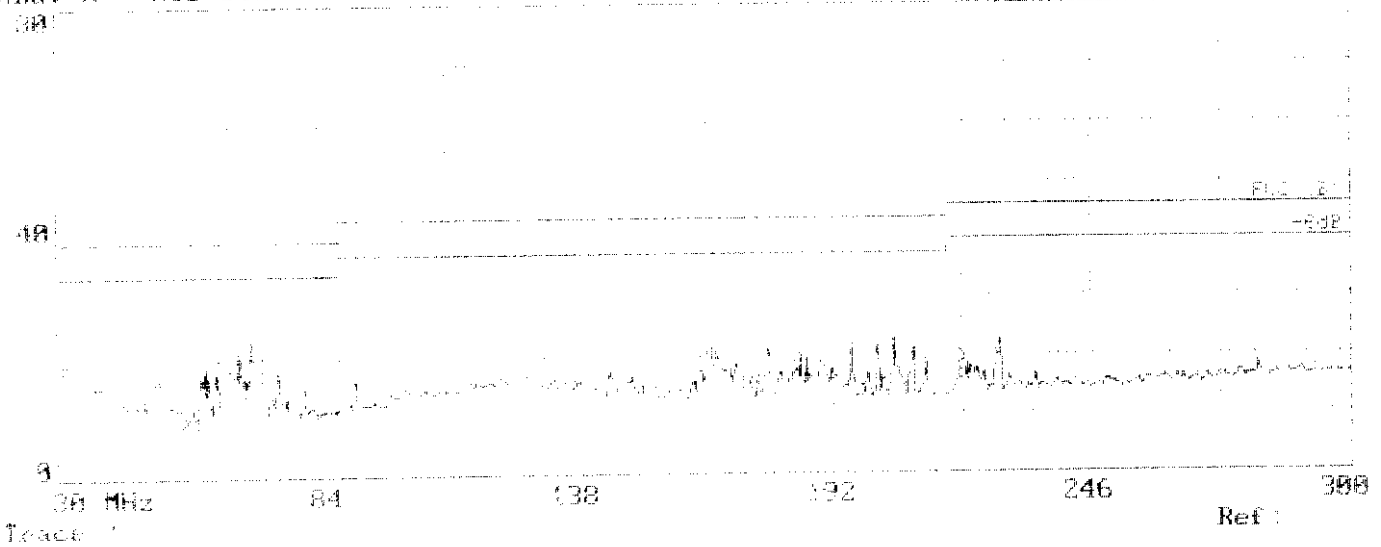

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Data#: 17 File#: MAX1001.EMI Date: 05-24-1999 Time: 08:23:38
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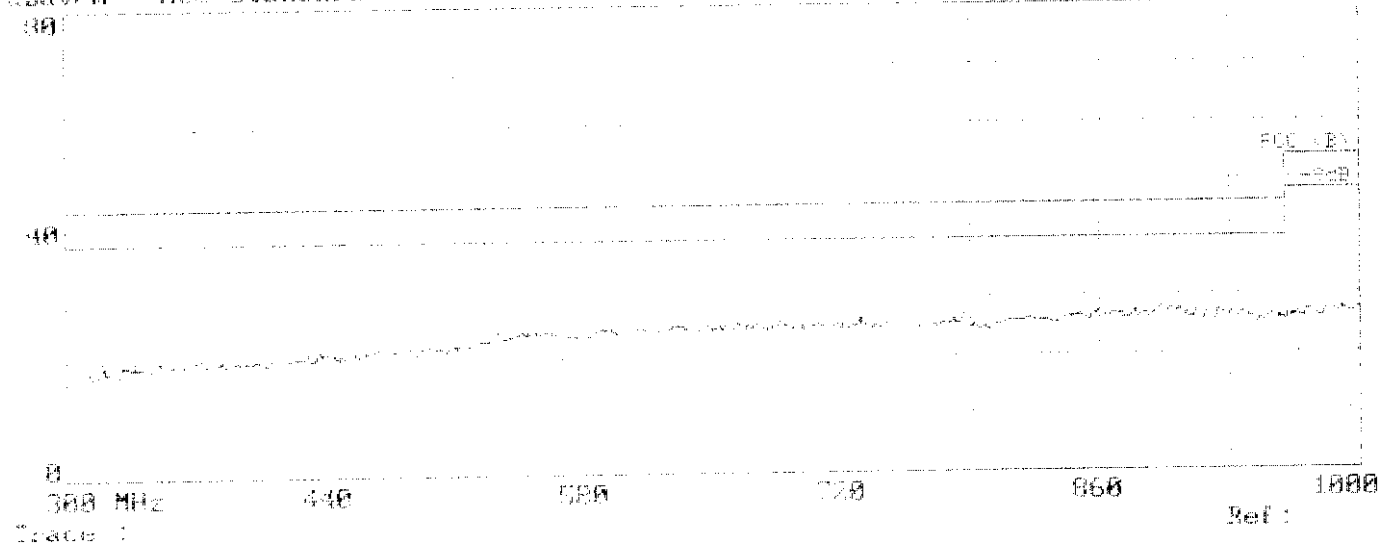

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Data#: 19 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 08:26:45
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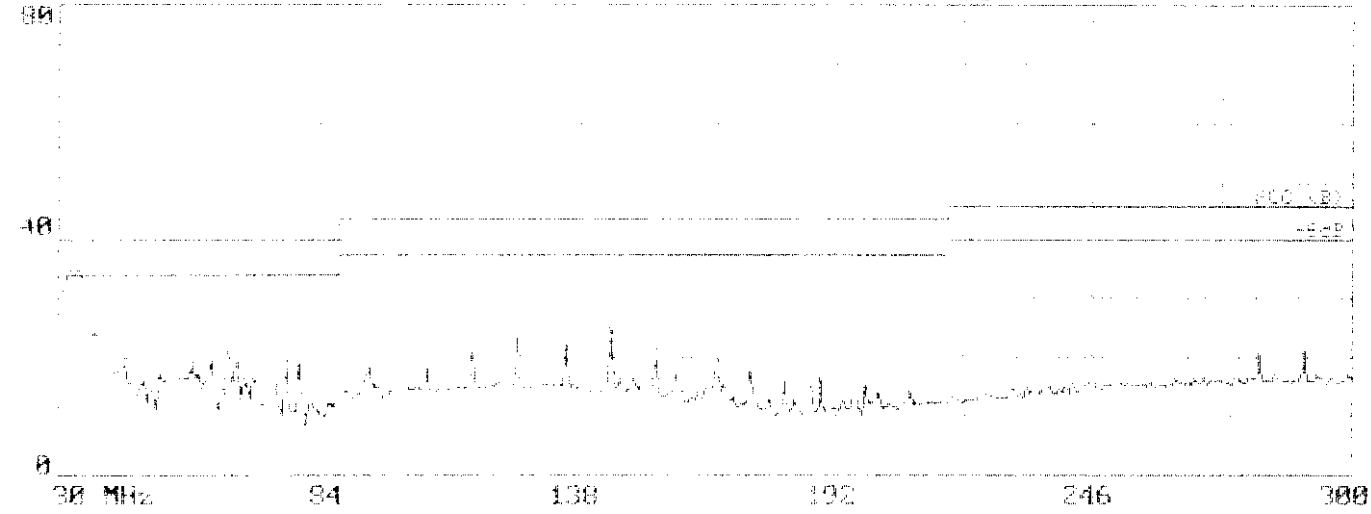

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Data#: 21 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 08:34:33
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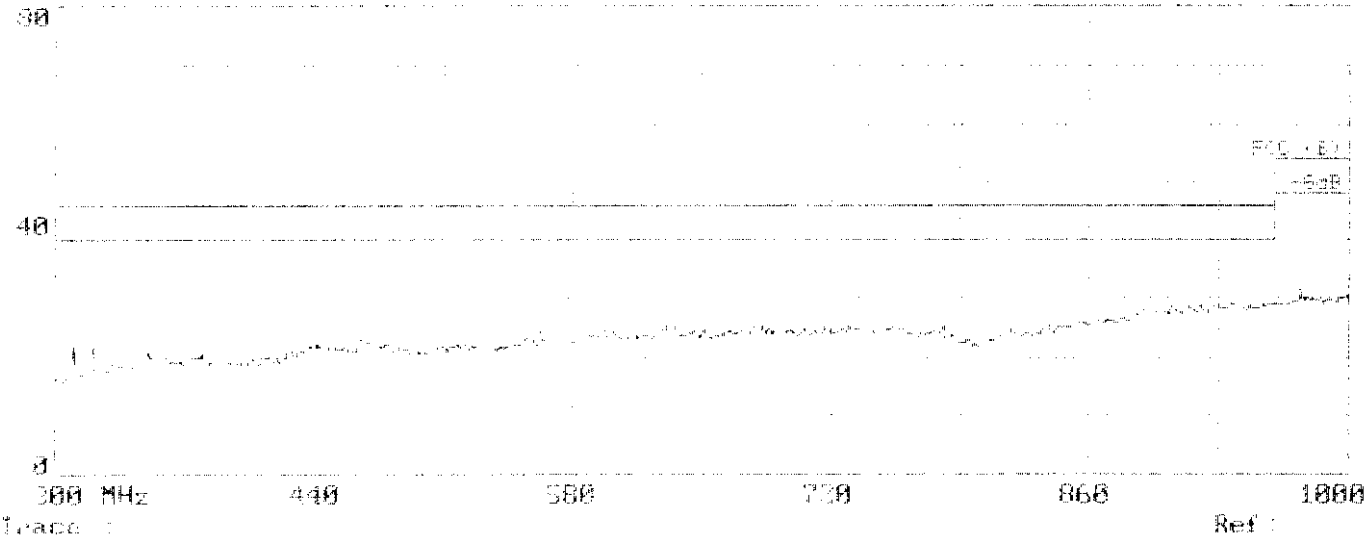

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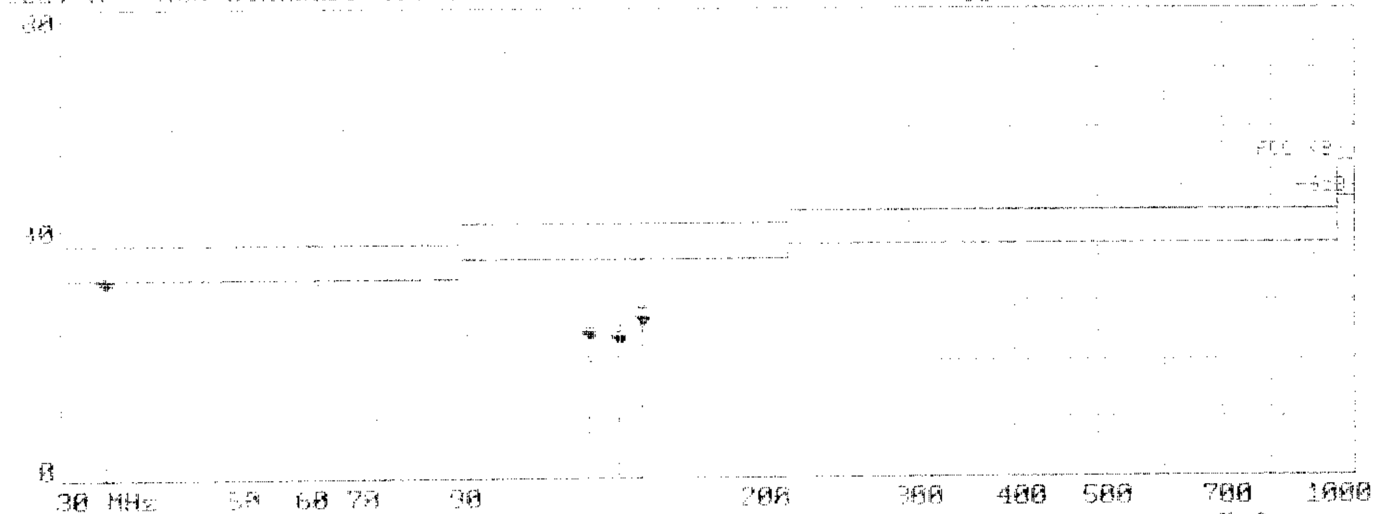
Data# 30 File# MAKIDOL EMI Date: 05-24-1999 Time: 08:31:04

dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QP
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Data# 24 File# MAKIDOL.EMI Date: 05-24-1999 Time: 08:17:52
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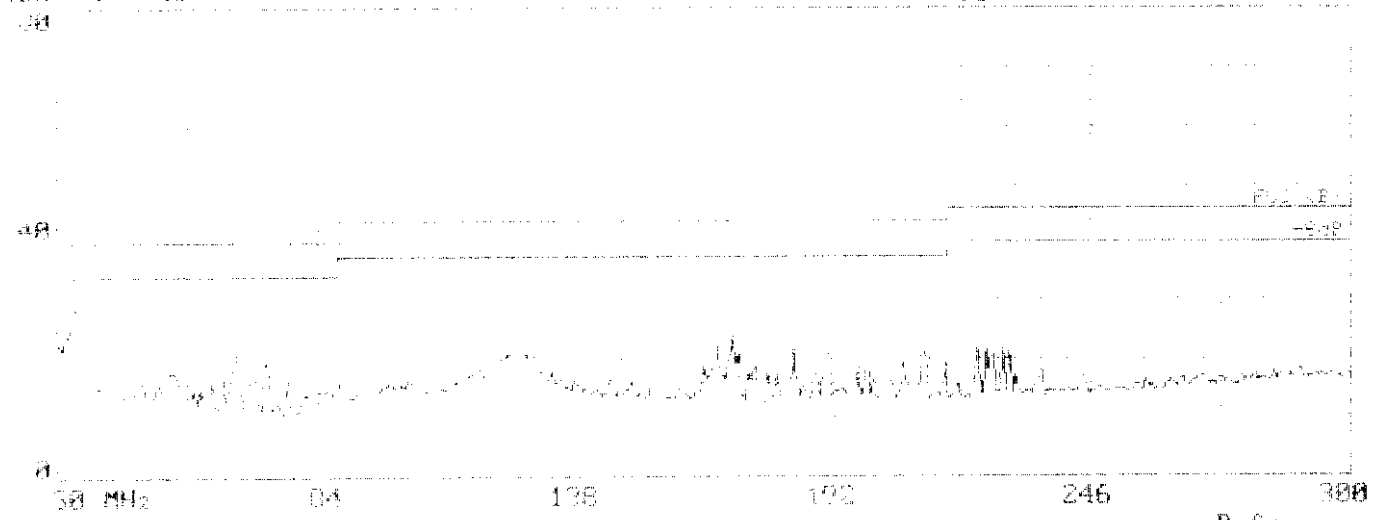
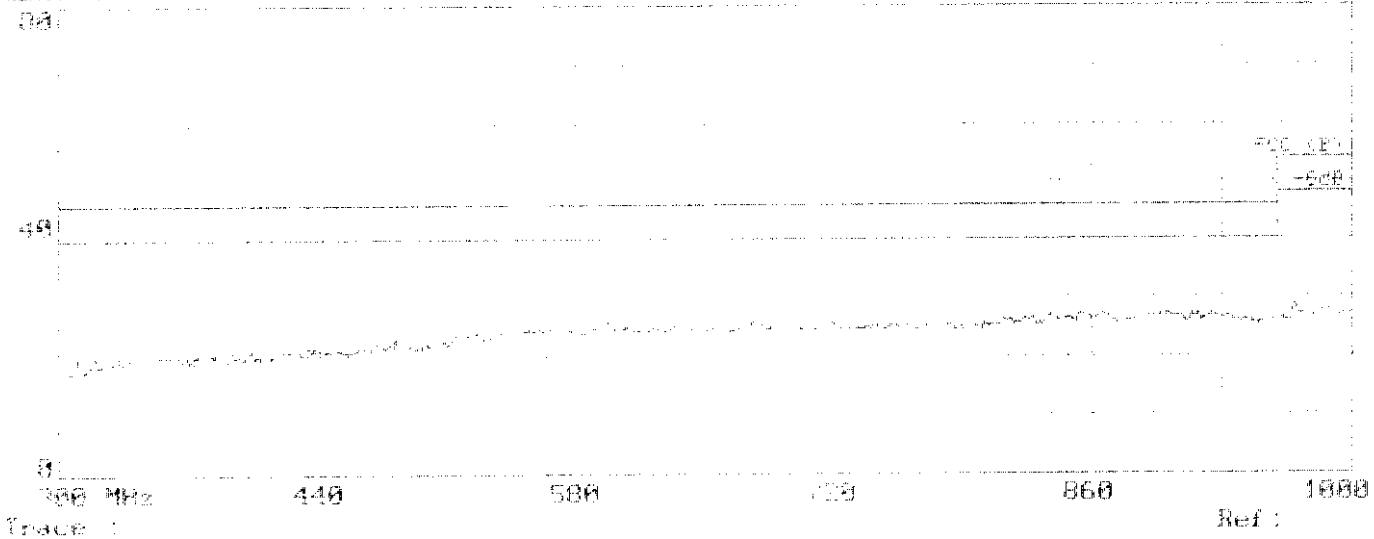


Data# 15 File# MAKIDOL.EMI Date: 05-24-1999 Time: 09:18:59
(BuD/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



Data# 11 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 08:07:23
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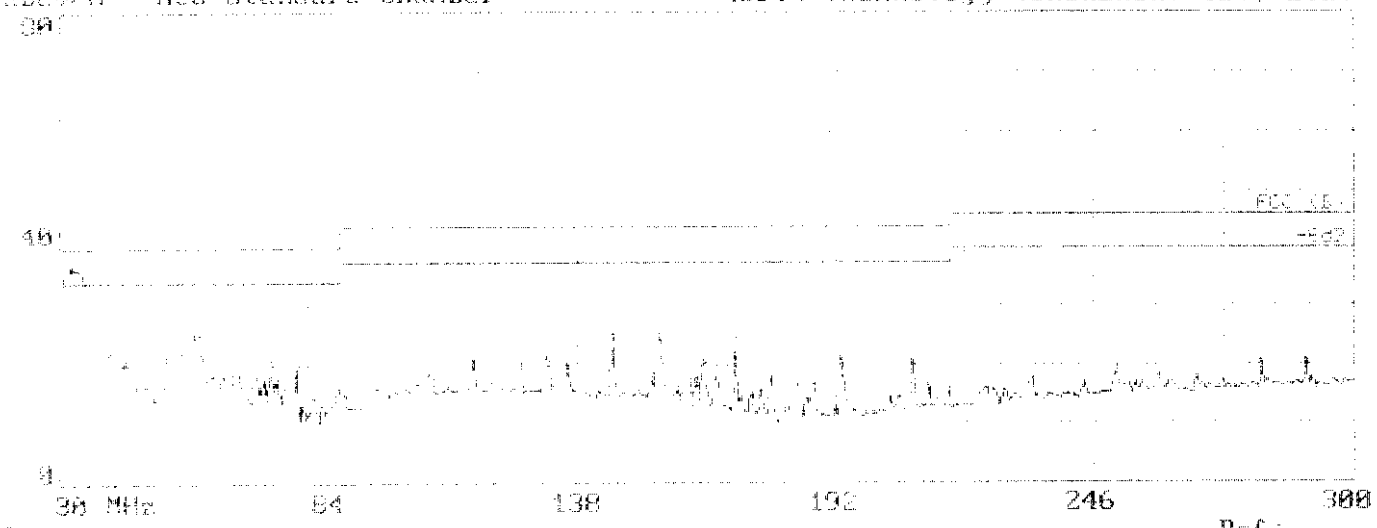

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Data# 12 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 08:09:07
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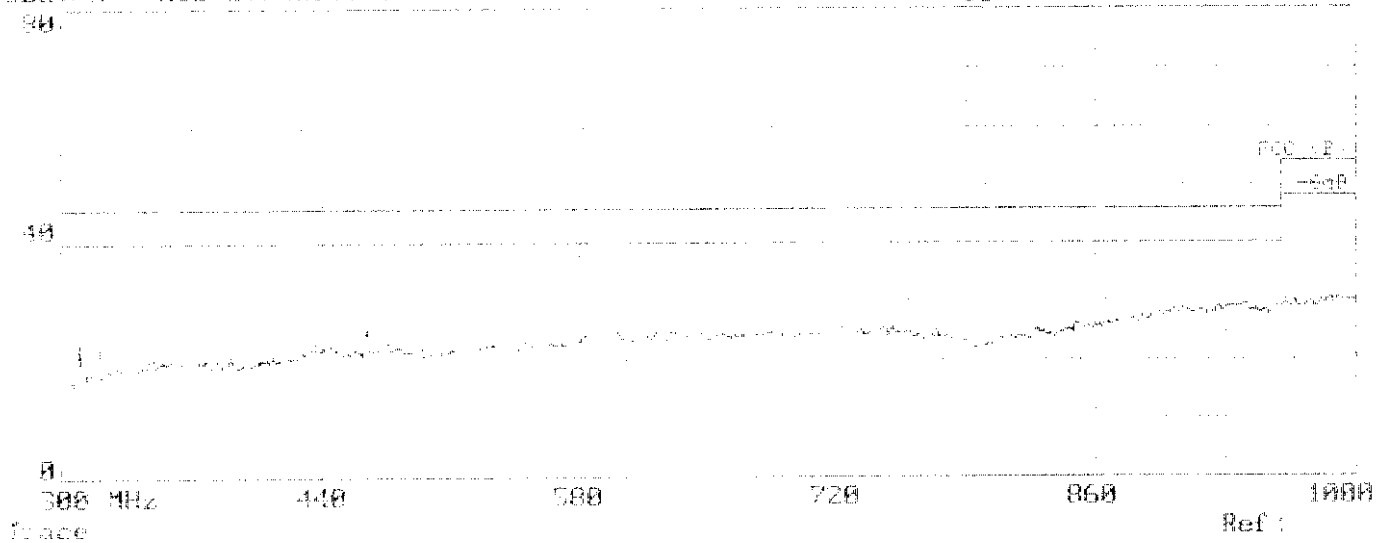

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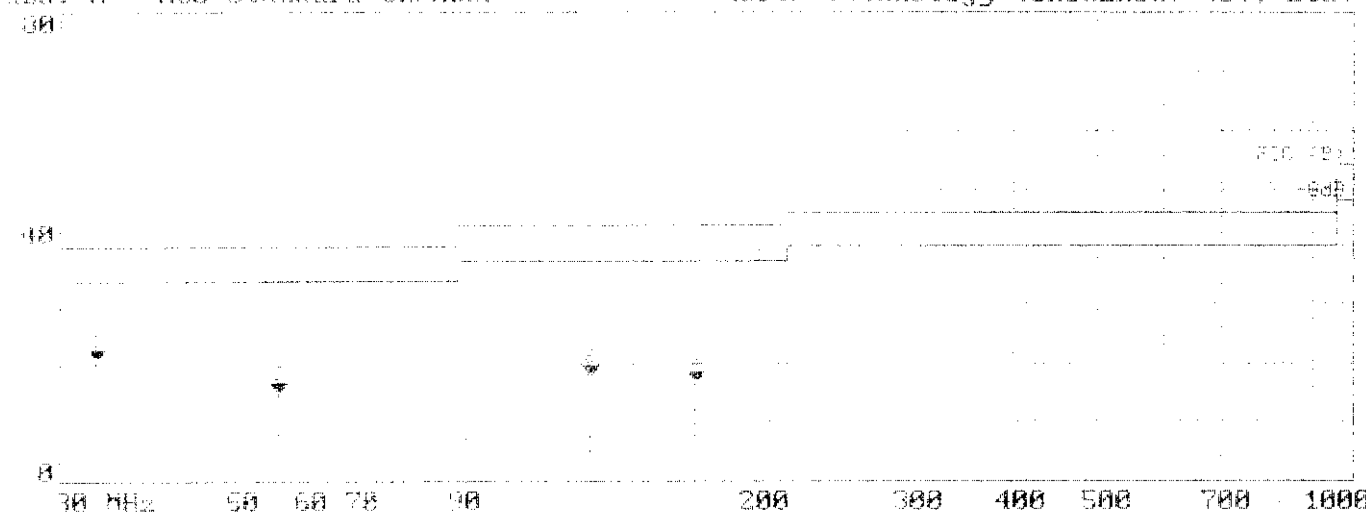
[illegible]#: 45   File#: MAKIDOL.EMI   Date: 05-24-1999 Time: 08:17:52

dBuV/m ACS Standard Chamber   AUDIX Technology (Shenzhen) Co., Ltd.



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Ref :

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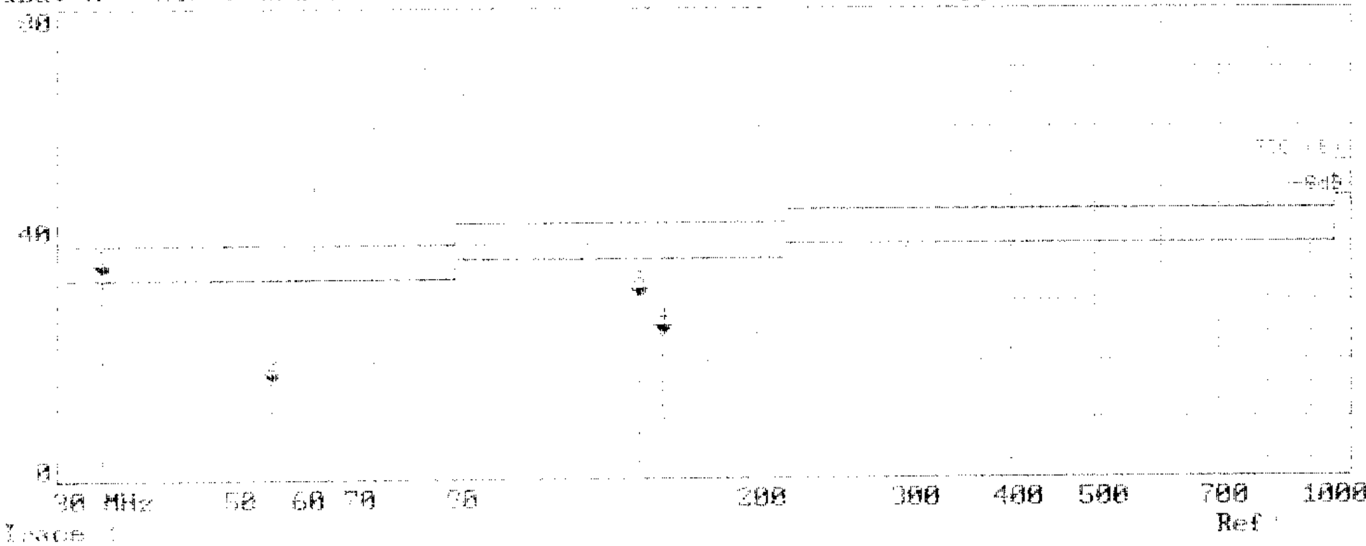
						Cable Loss	Preamp Factor	Remark
						dB	dB	
						1.04	0.00	QP
						1.53	0.00	QP
						[illegible]	0.00	QP
						[illegible]	0.00	QP

Data#: 13 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 08:15:20

dBuV/m ACR Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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Page: 1

						Cable Loss	Preamp Factor	Remark
						dB	dB	
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Data#: 24 File#: MAK1DOL.EMI Date: 05-24-1999 Time: 08:40:36
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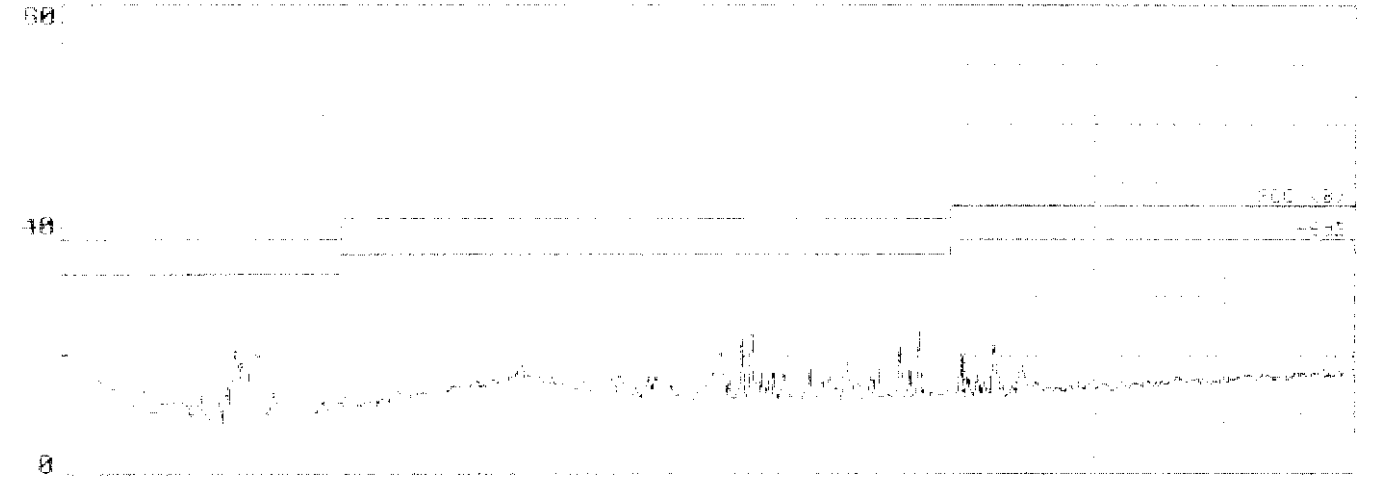

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Data#: 25 File#: MAK1DOL.EMI Date: 05-24-1999 Time: 08:41:33
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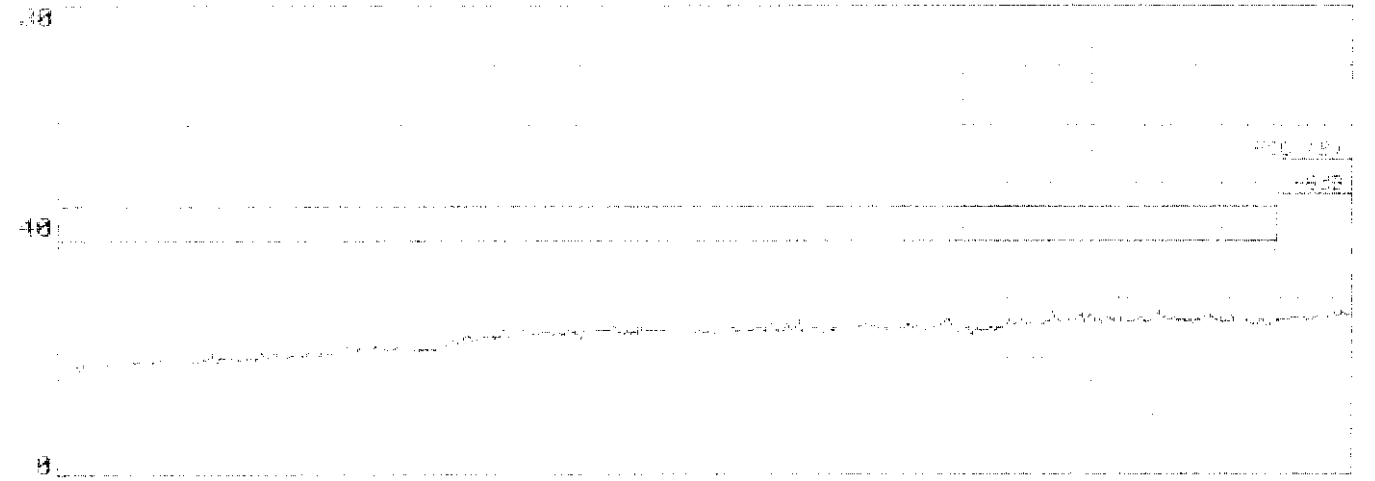

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Data#: 22 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 08:38:20
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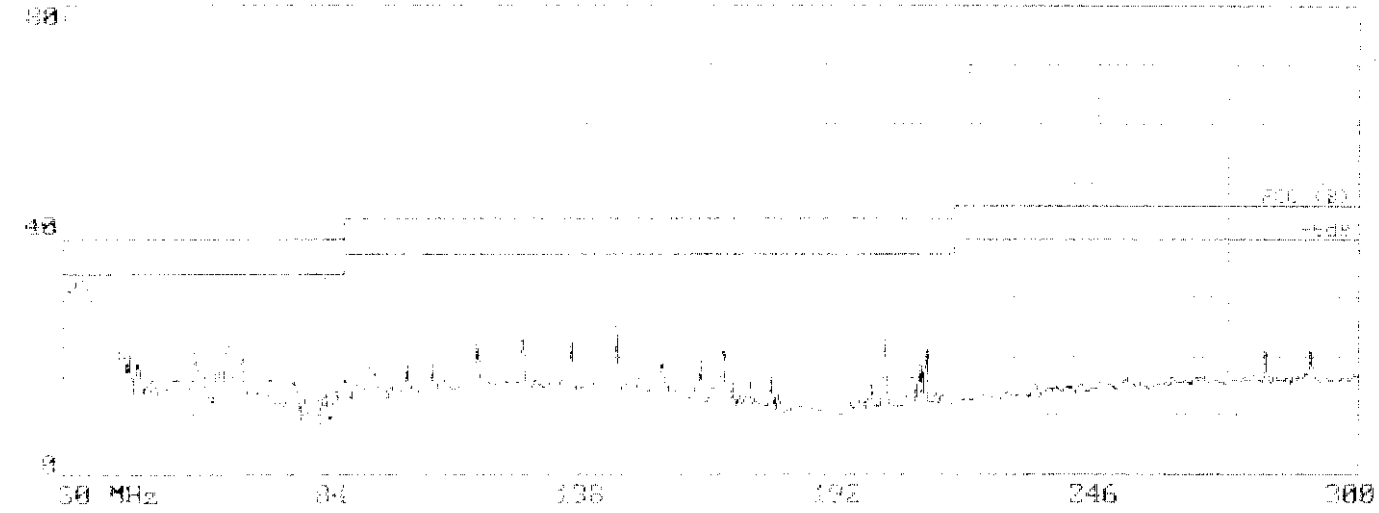

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Data#: 23 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 08:39:14
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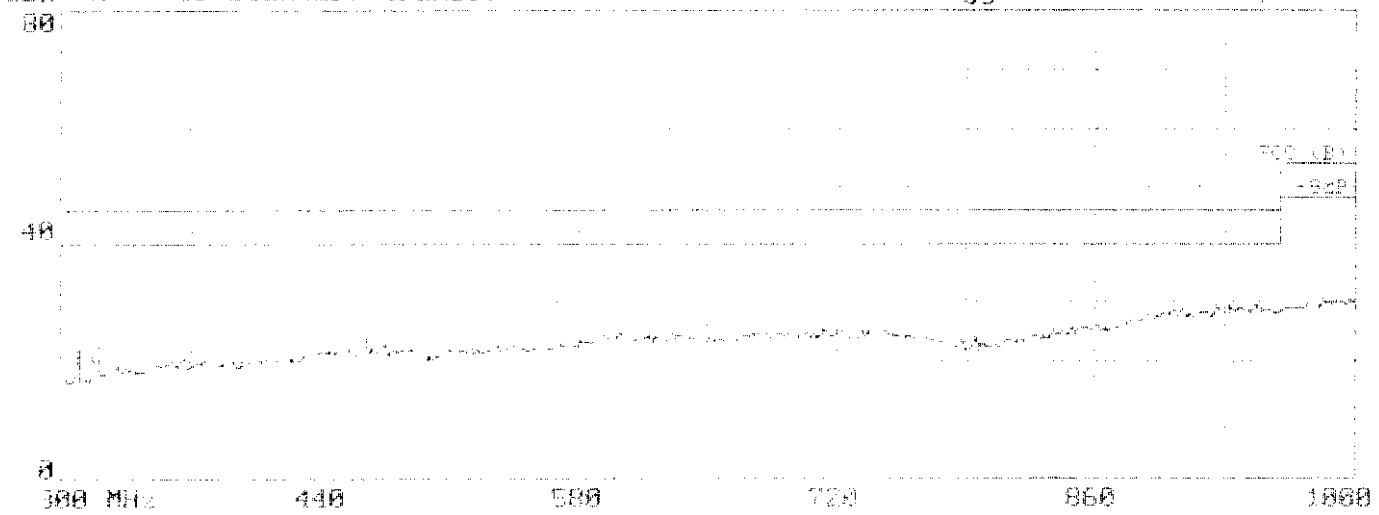

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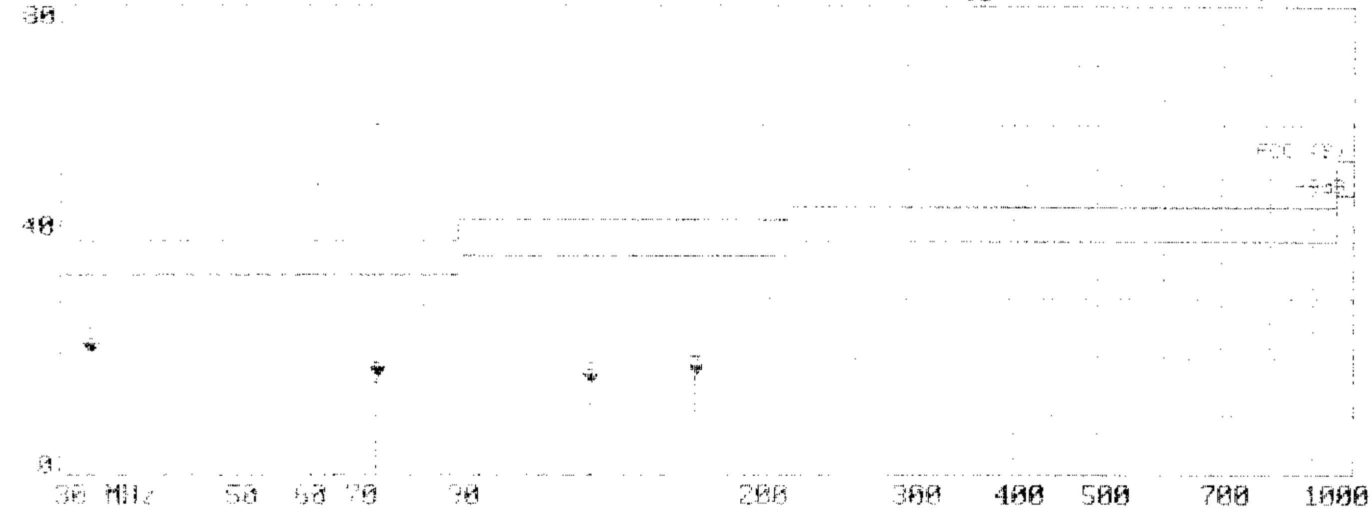
Data#: 47 File#: MAXIDOS.EMI Date: 05-24-1999 Time: 08:40:36

[illegible] Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



Trace

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.51	[illegible]
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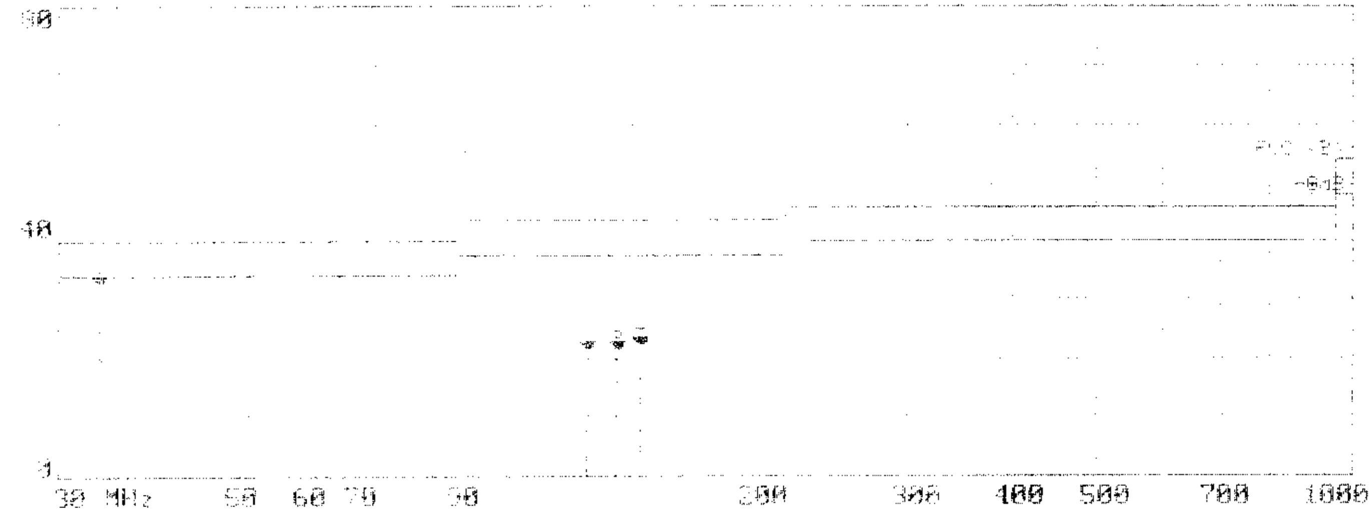
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.37	[illegible]

Data#: 48 File#: MAKIDOL EMI Date: 05-24-1999 Time: 08:38:20

dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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							Cable Loss (dB)	Preamp Factor (dB)	Remark
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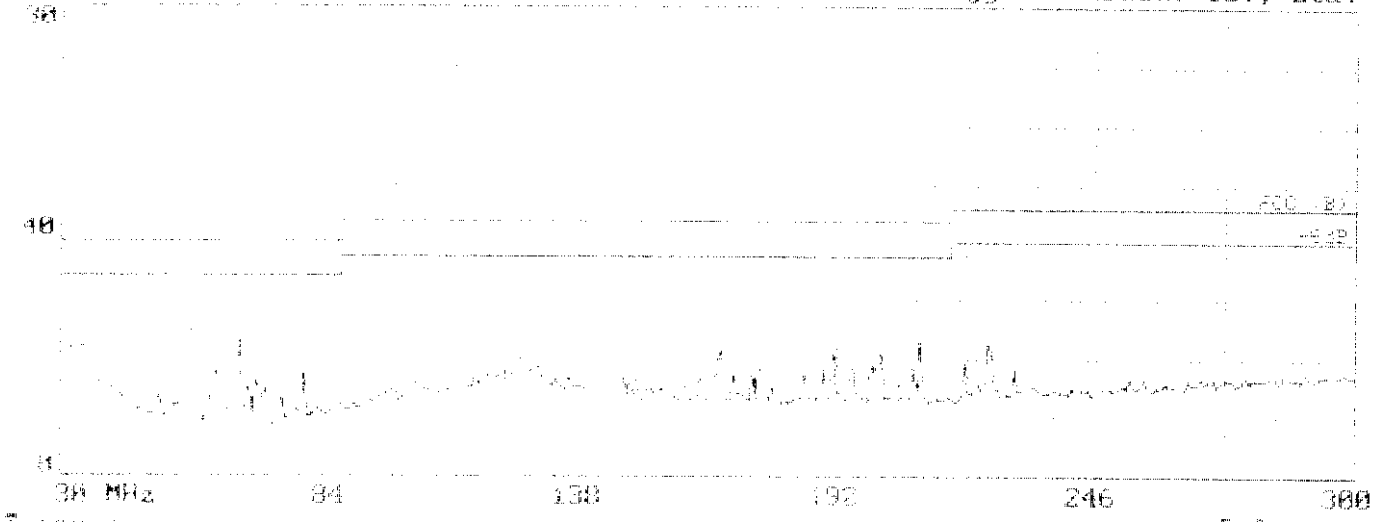
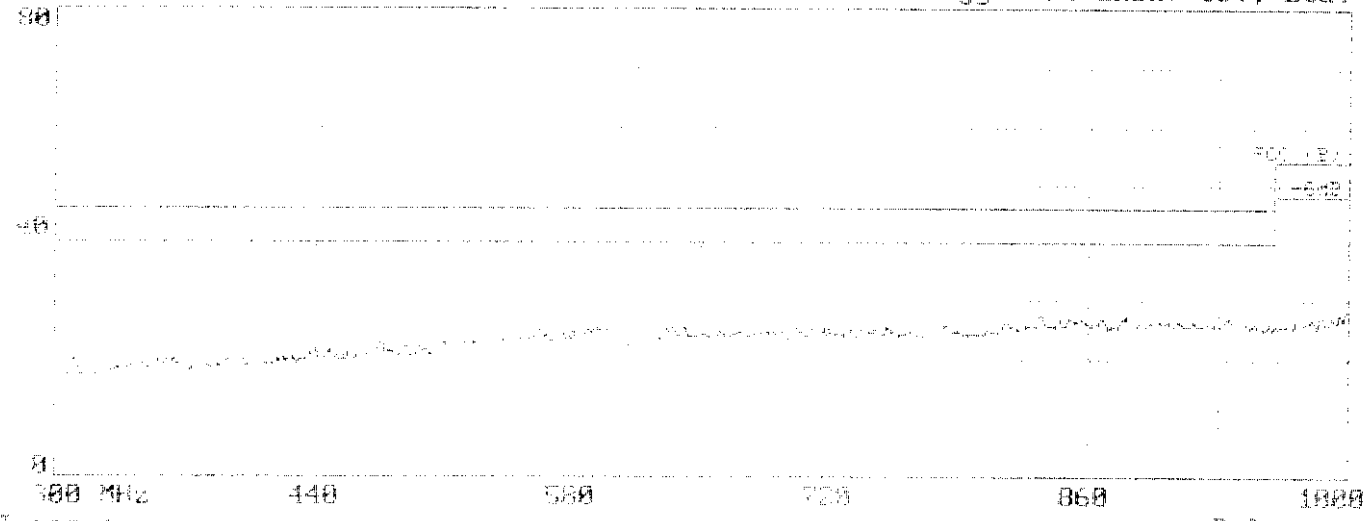
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QP
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.00	QP
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QP

Data#: 26 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 08:45:30
dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



Data#: 27 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 08:46:34
dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



Data#: 29 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 08:49:13
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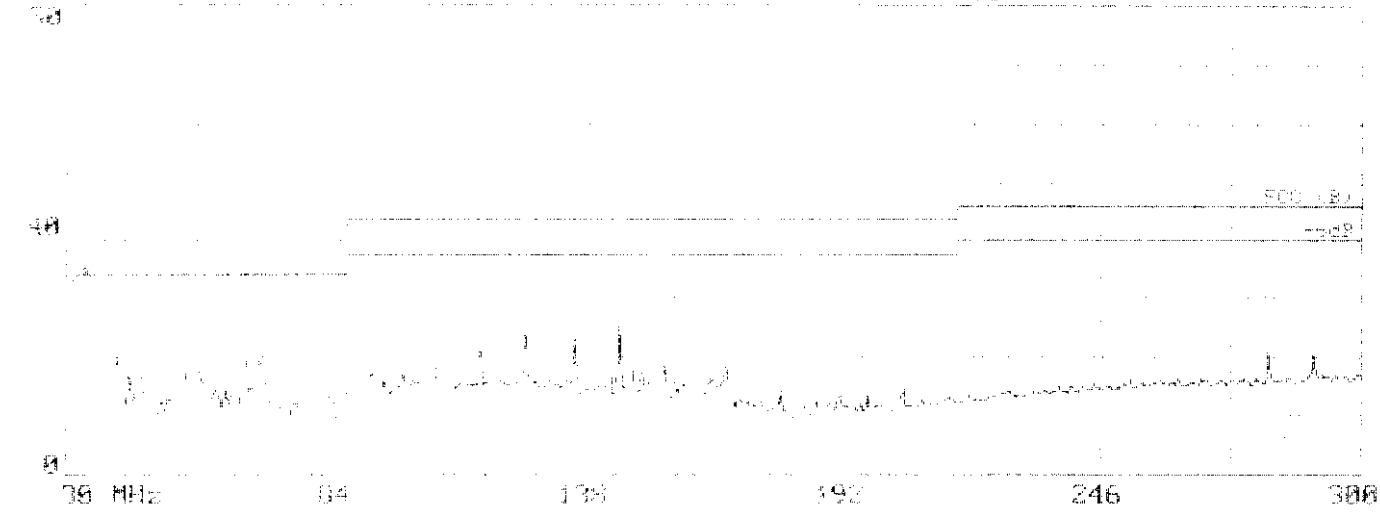

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Ref :

Data#: 29 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 08:50:53
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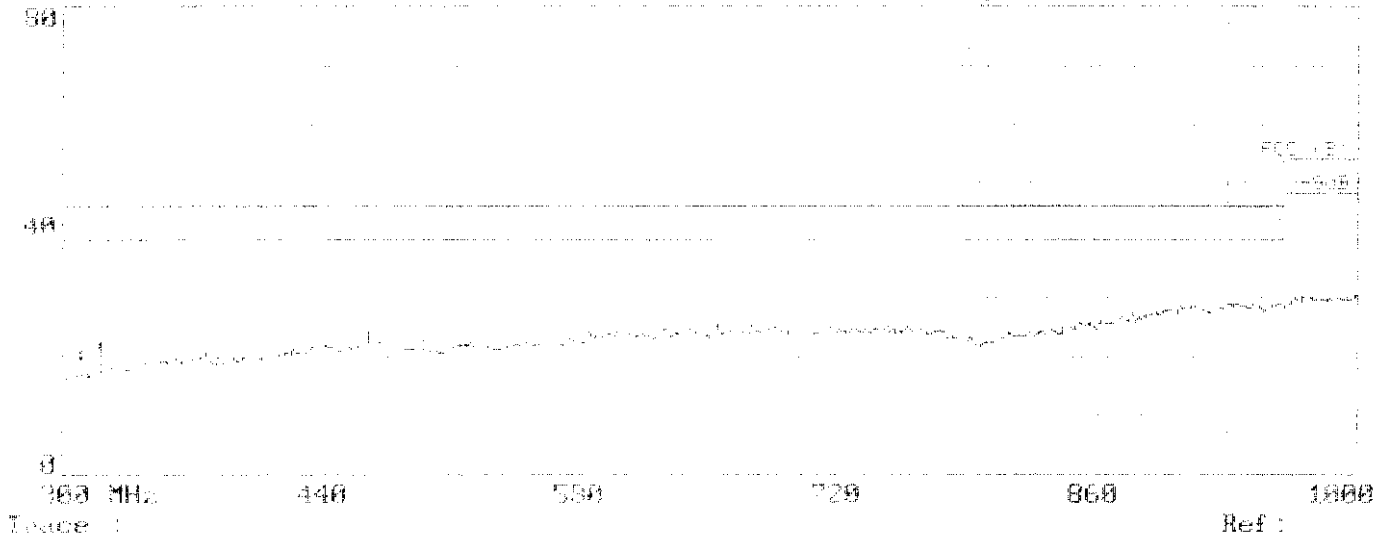

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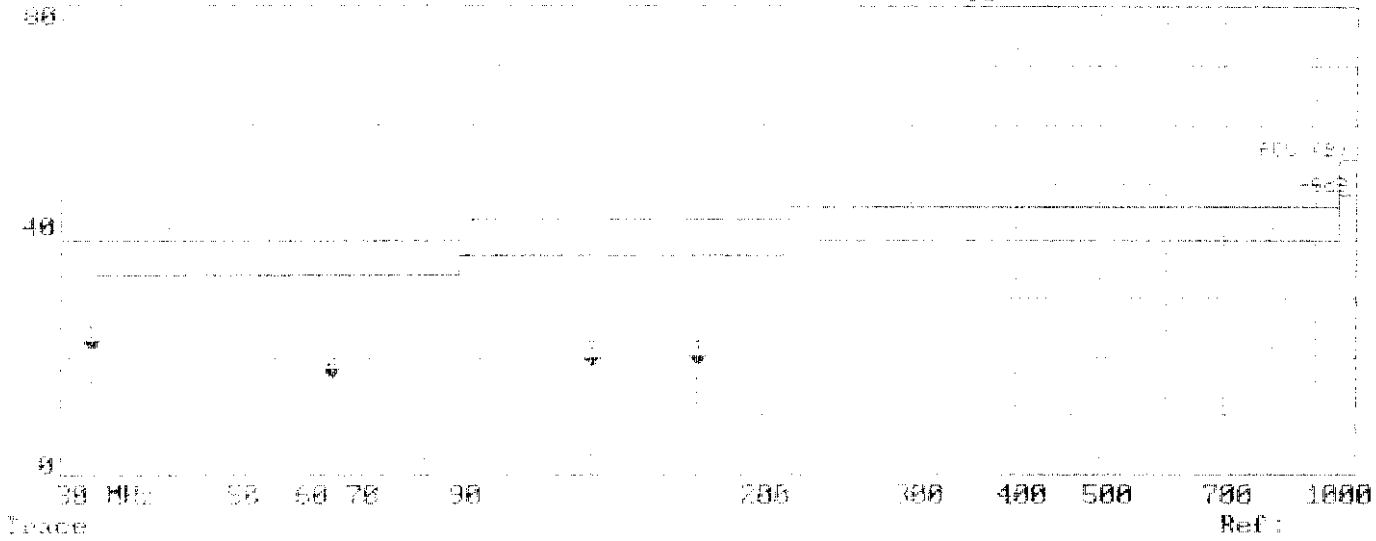
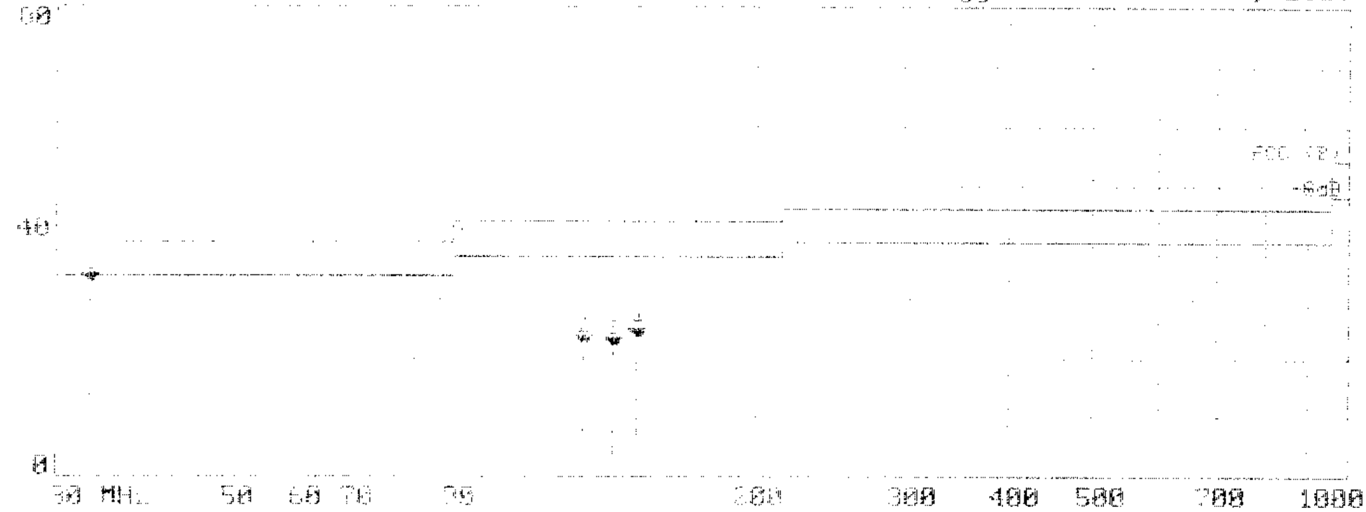


Data#: 30 File#: MAKIDCL.EMI Date: 05-24-1999 Time: 08:49:13

dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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	Freq						Cable Loss	Preamp Factor	Remark
	MHz	dB					dB	dB	
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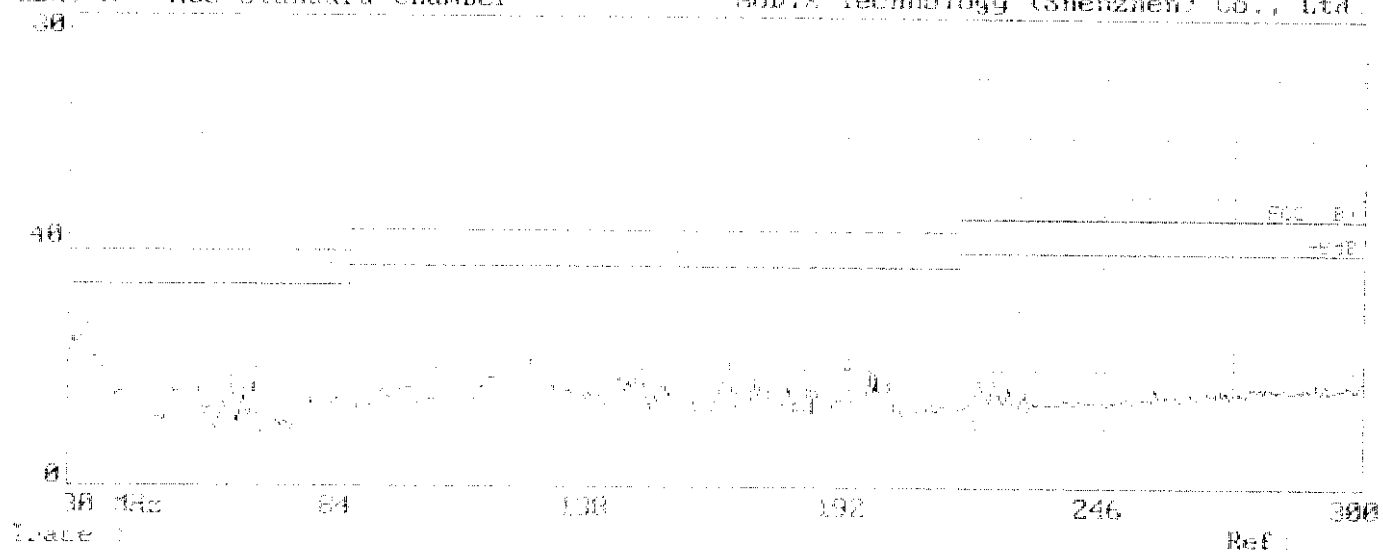
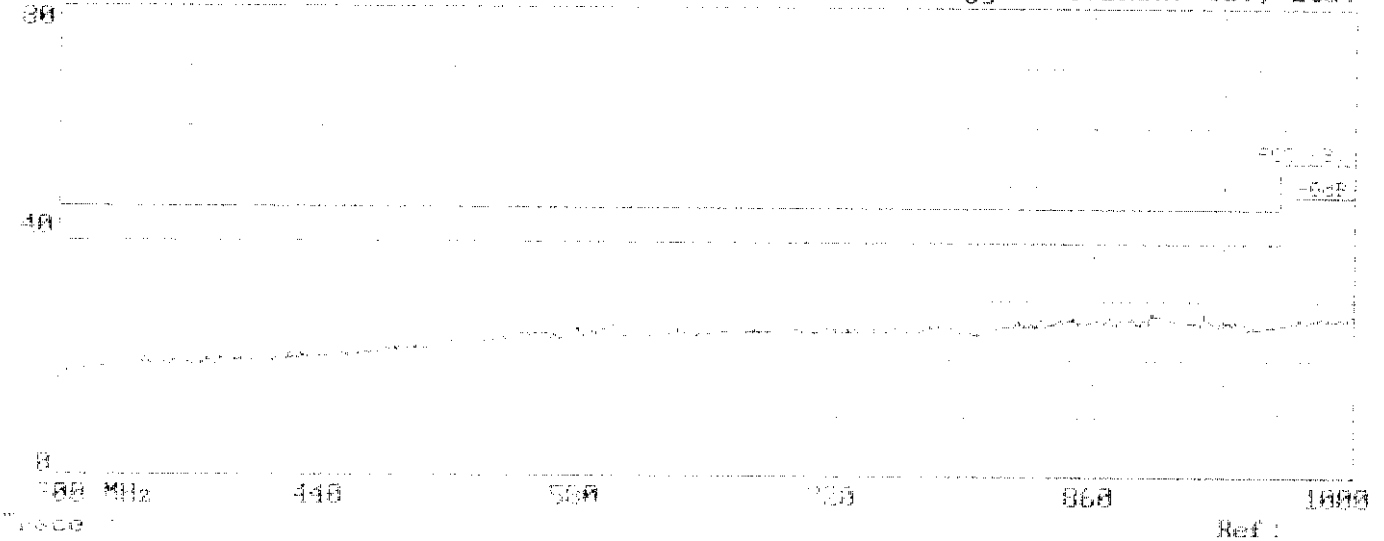
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QP
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QP
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00	QP

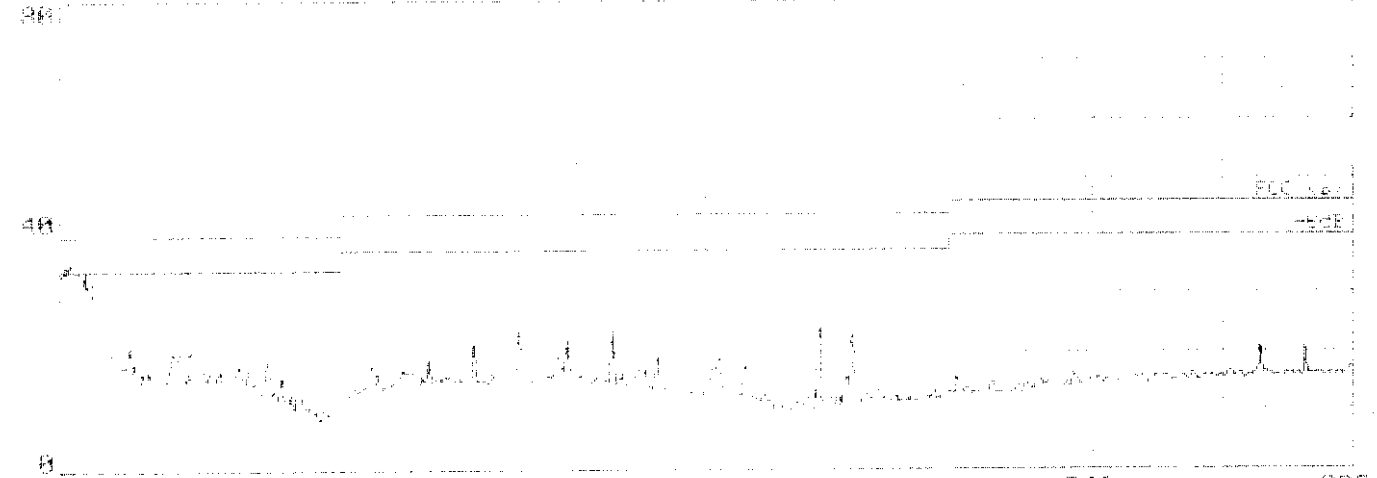
Detail: 1-1 File#: MAXIDOL EM1 Date: 05-24-1999 Time: 09:08:19
dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



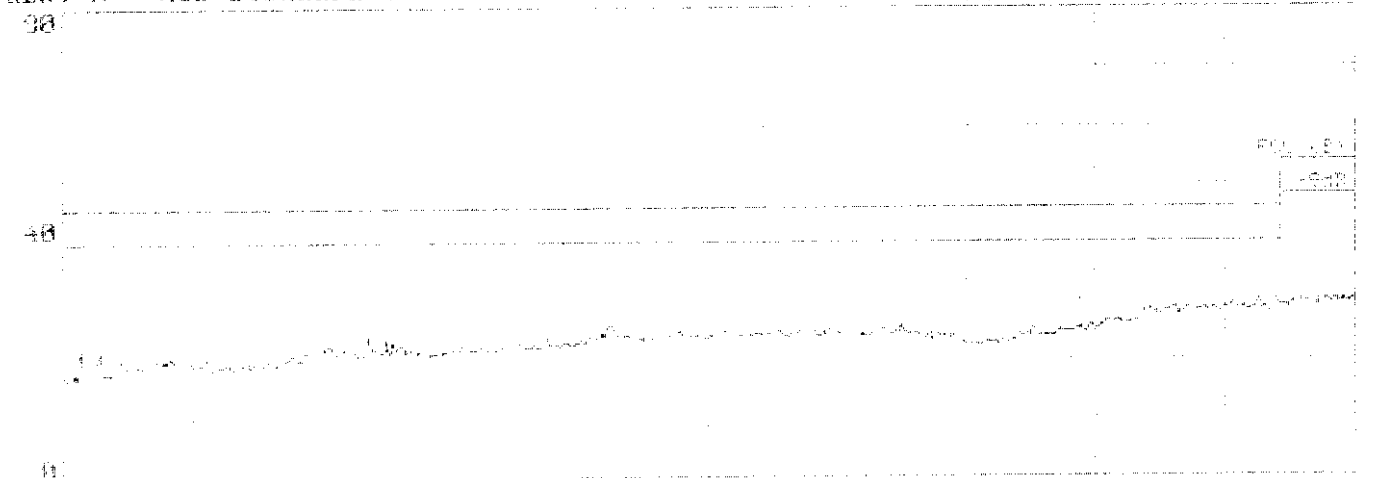
Detail: 1-1 File#: MAXIDOL EM1 Date: 05-24-1999 Time: 09:09:15
dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



Data# 31 File# MAKIDOL.EMI Date: 05-24-1999 Time: 09:00:07
dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.

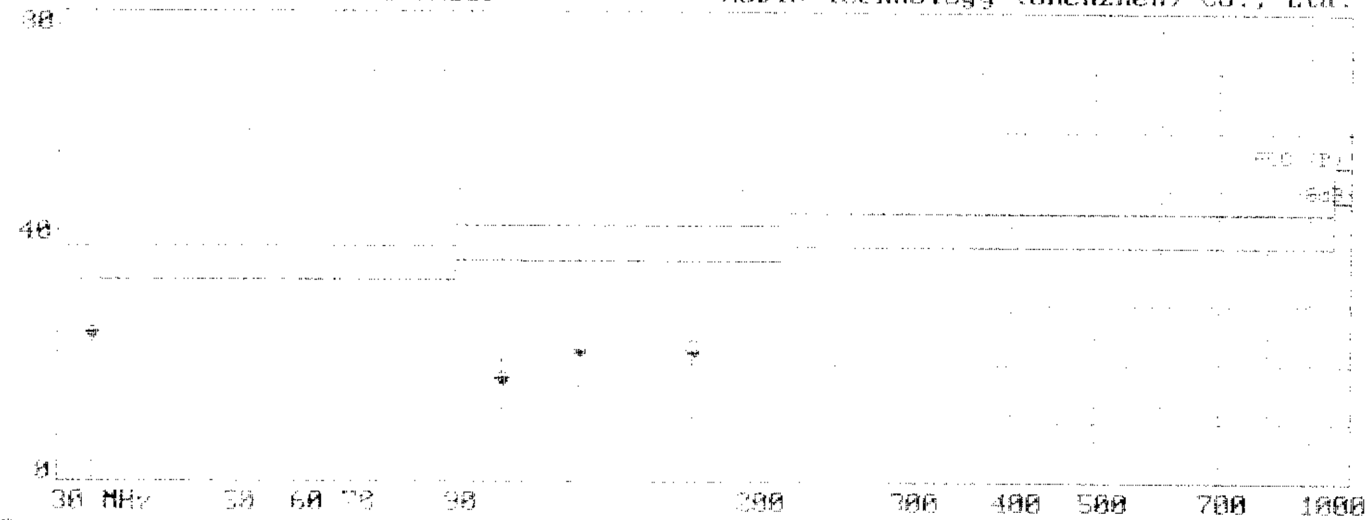


Data# 32 File# MAKIDOL.EMI Date: 05-24-1999 Time: 09:01:00
dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



Data#: 52 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 09:08:19

dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



Trace : Ref :

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[illegible]	1.80	[illegible] QP
[illegible]	[illegible]	[illegible] QP
[illegible]	[illegible]	[illegible]

Data#: 51 File#: MAKIDOL.EM1 Date: 05-24-1999 Time: 09:00:07
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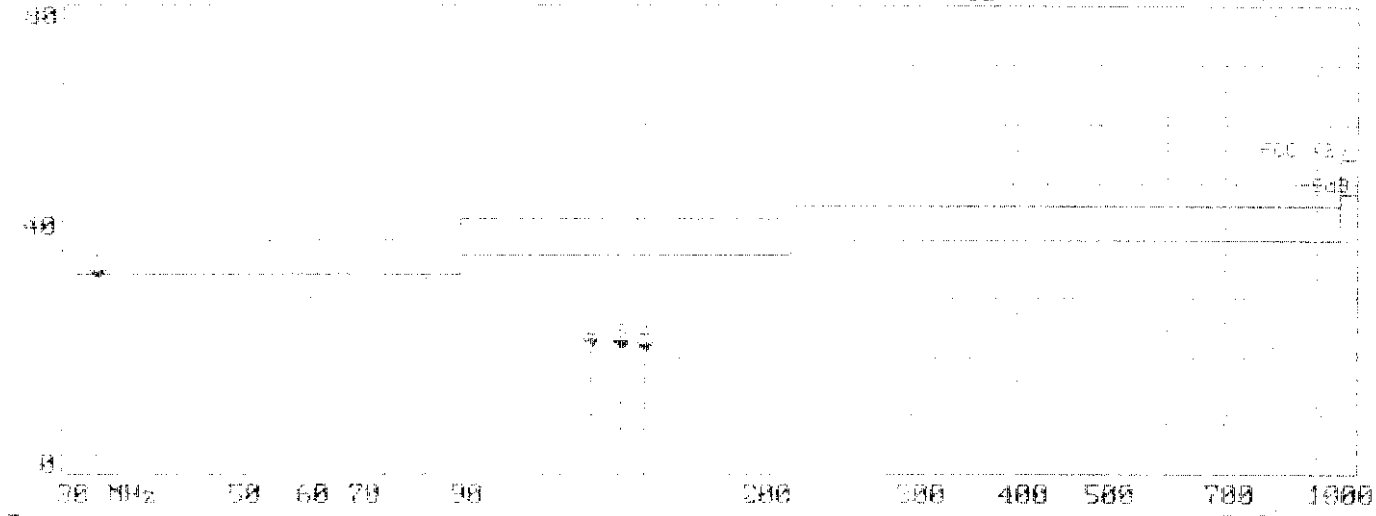
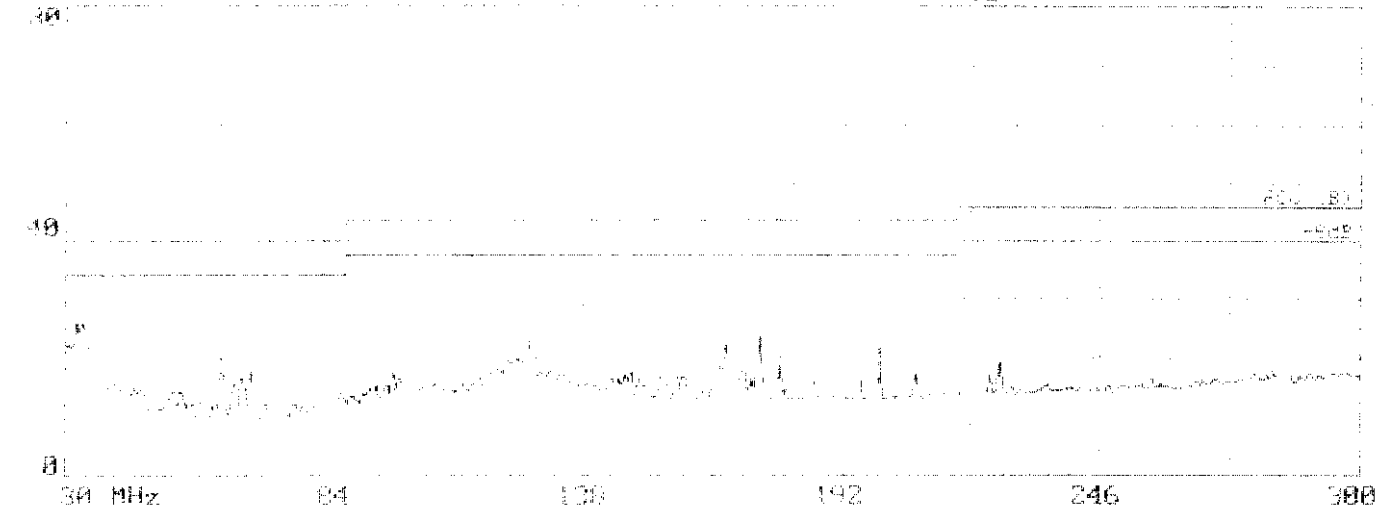


Trace: Ref:

Page: 1

Data#: 35 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 09:11:53
dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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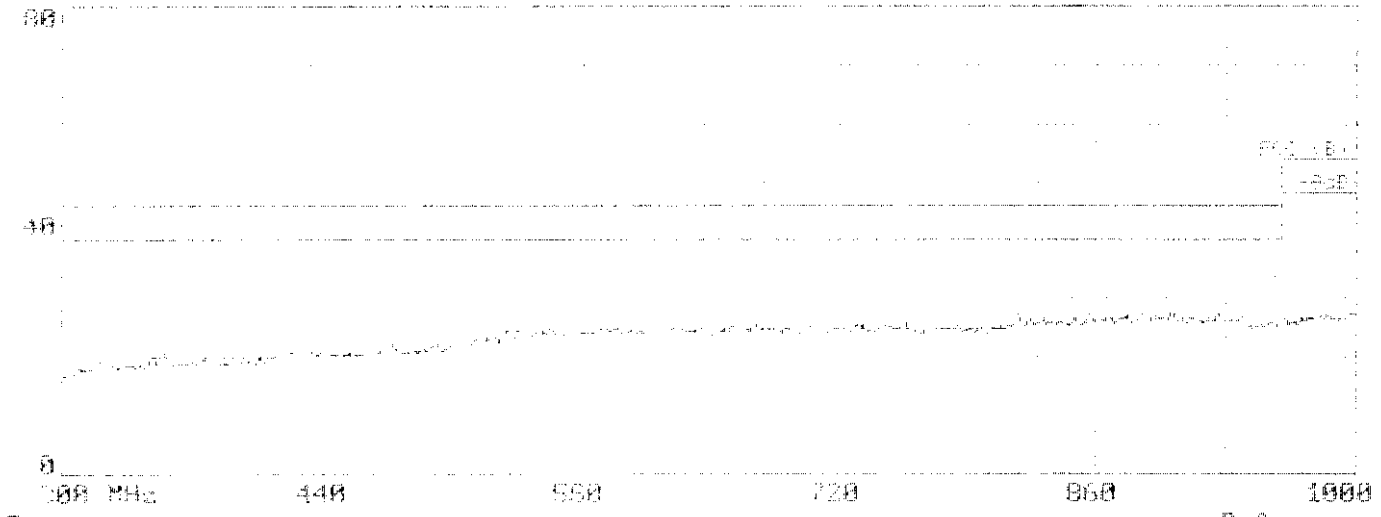
Data#: 36 File#: MAKIDOL.EMI Date: 05-24-1999 Time: 09:12:25
dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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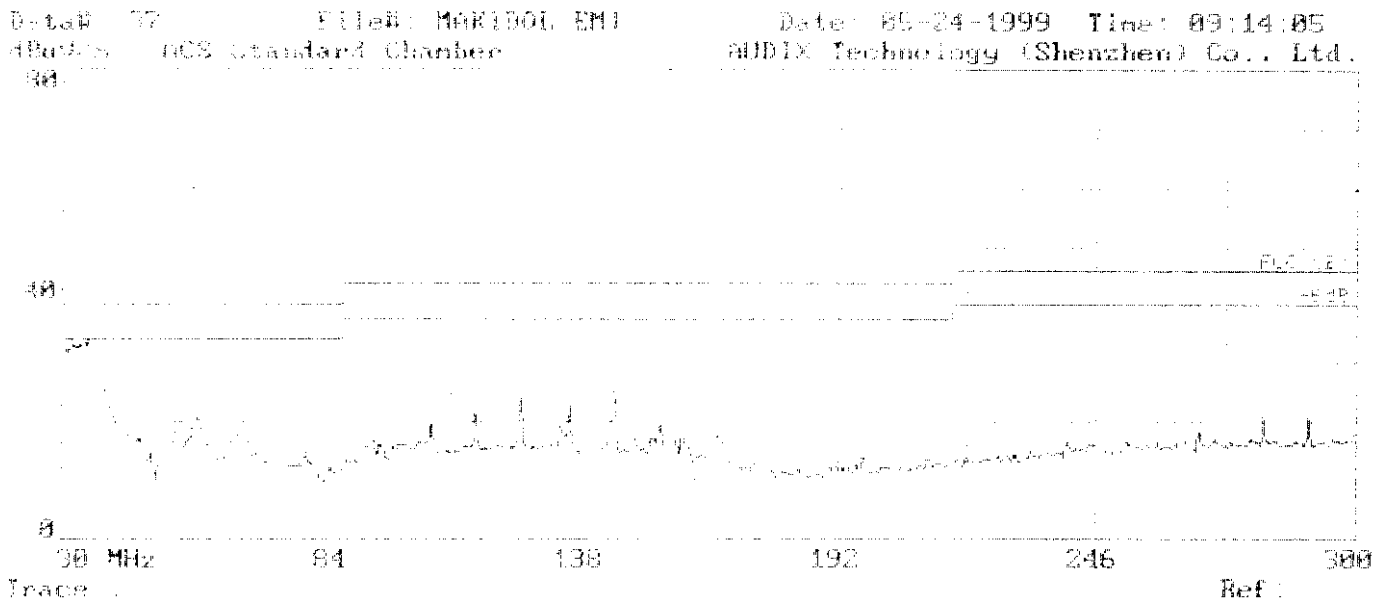
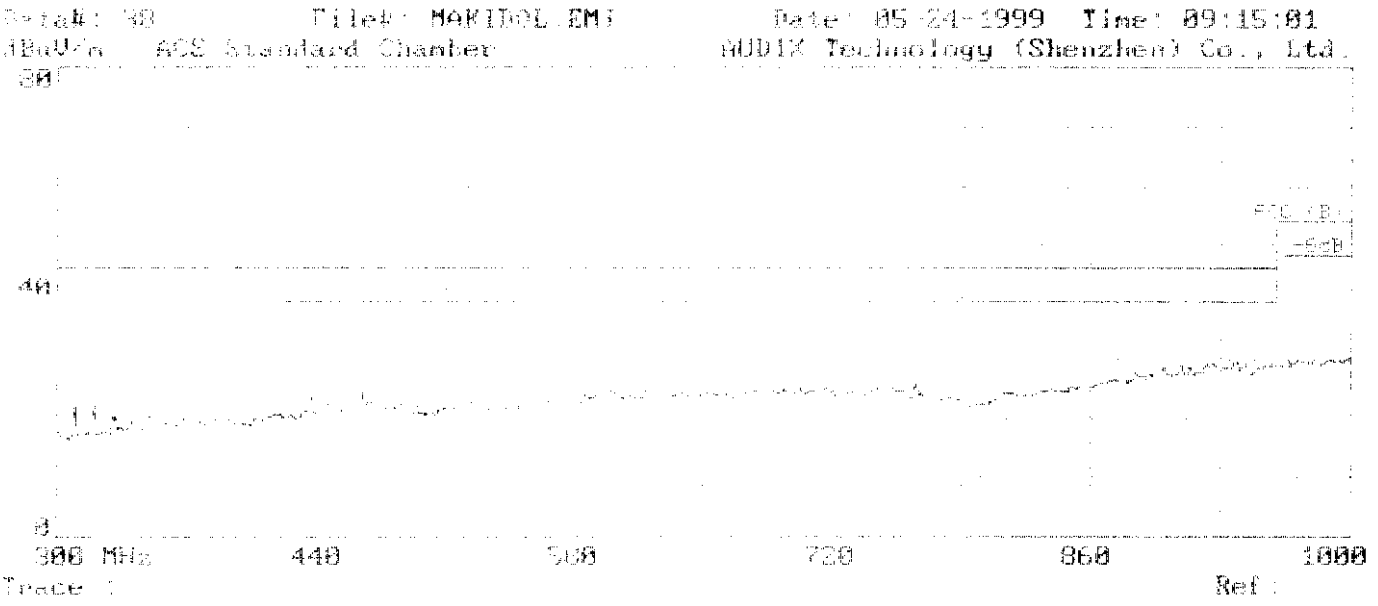
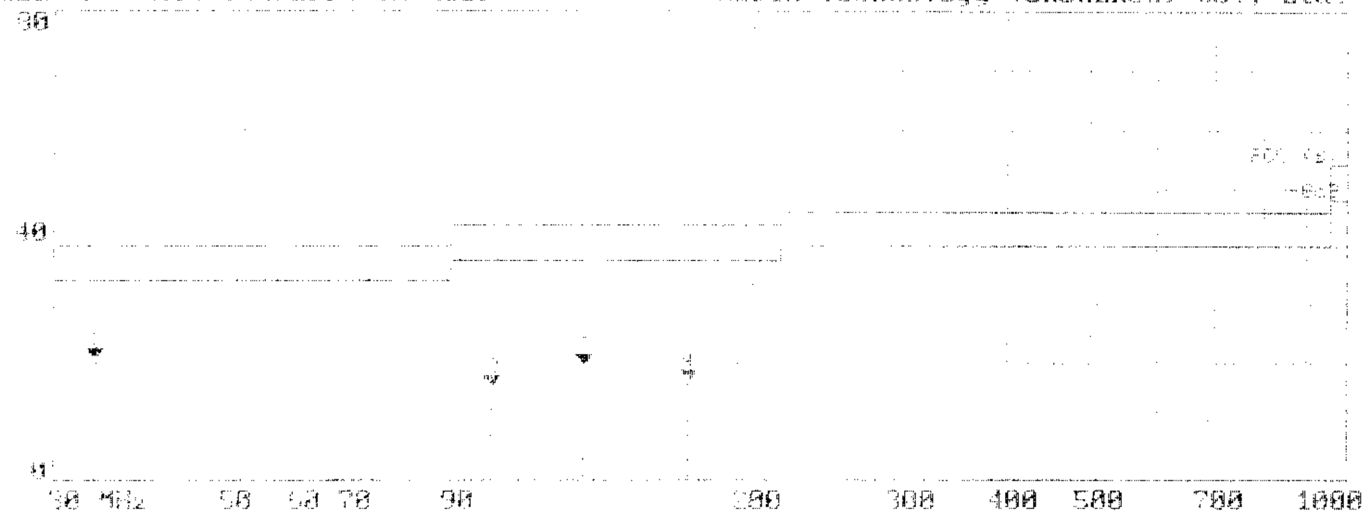

Data#: 77 File#: MAKI00L.EMI Date: 05-24-1999 Time: 09:14:05
dBuV/m ACS Standard Chamber MUDIX Technology (Shenzhen) Co., Ltd.
80
40
0
30 MHz 84 138 192 246 300
Trace :
Ref :


Data#: 80 File#: MAKI00L.EMI Date: 05-24-1999 Time: 09:15:01
dBuV/m ACS Standard Chamber MUDIX Technology (Shenzhen) Co., Ltd.
80
40
0
300 MHz 440 580 720 860 1000
Trace :
Ref :

Data# 53 File#: MAR?DOL.EMI Date: 05-24-1999 Time: 09:11:53

dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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							Cable Loss	Preamp Factor	Remark
							dB	dB	
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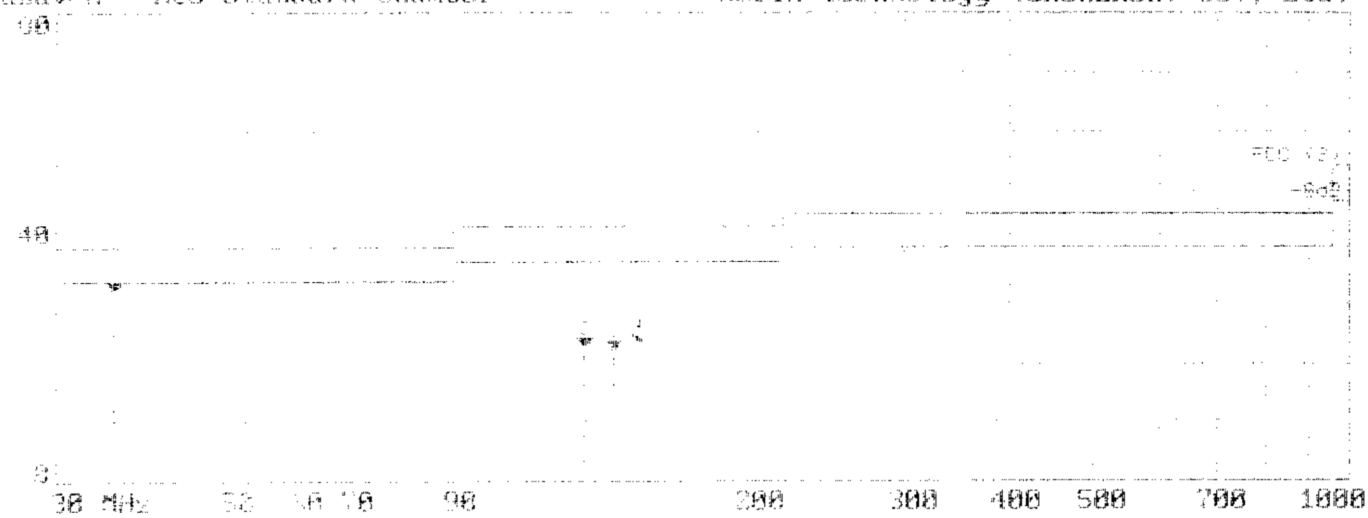
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.77	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Data#: 54 File#: MARI09L EMI Date: 05-24-1999 Time: 09:14:05

dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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							Cable Loss	Preamp Factor	Remark
	MHz			dB		dB	dB	dB	
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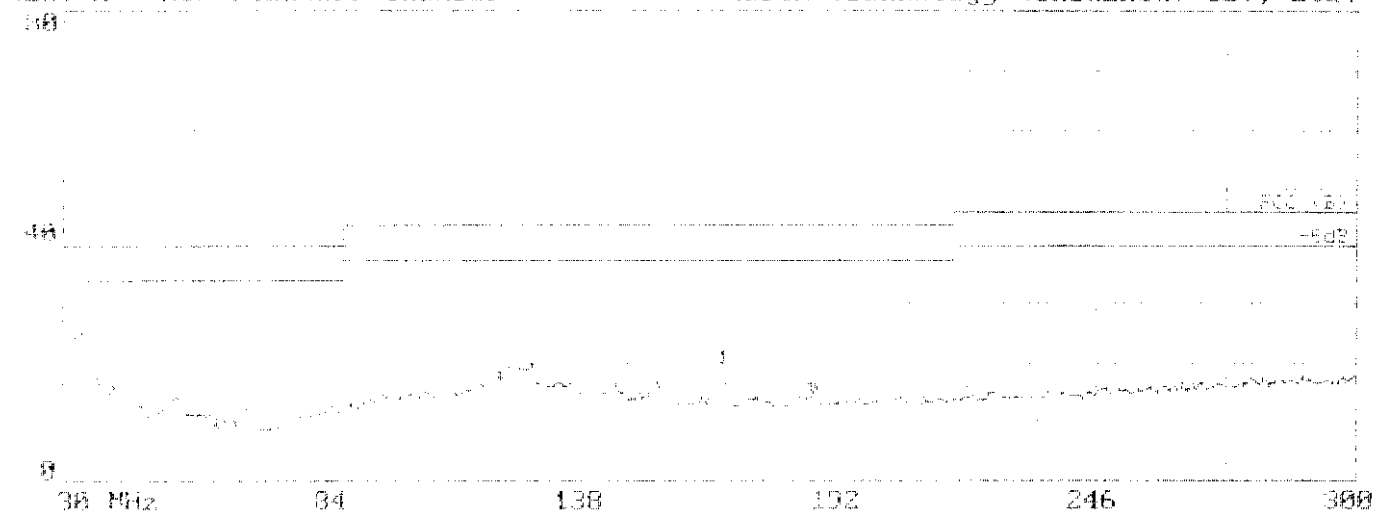
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00 dB	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.11	0.00 dB	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.20	[illegible]	

Data#: 41 File#: MAKIDOL EM(Date: 05-24-1999 Time: 09:19:30
dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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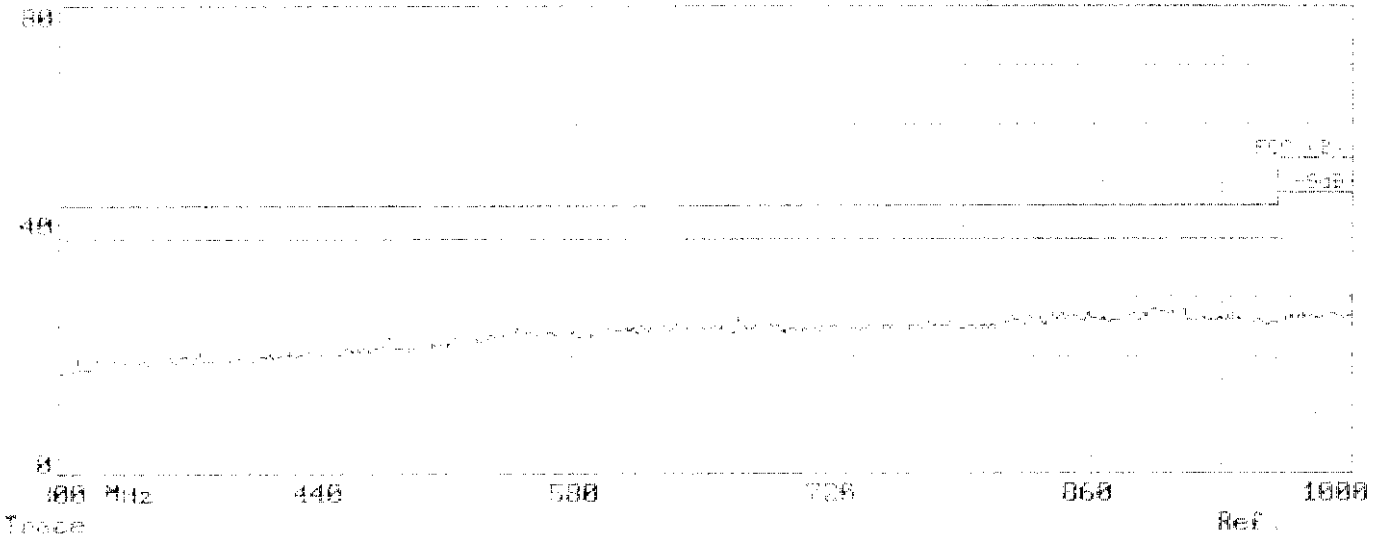
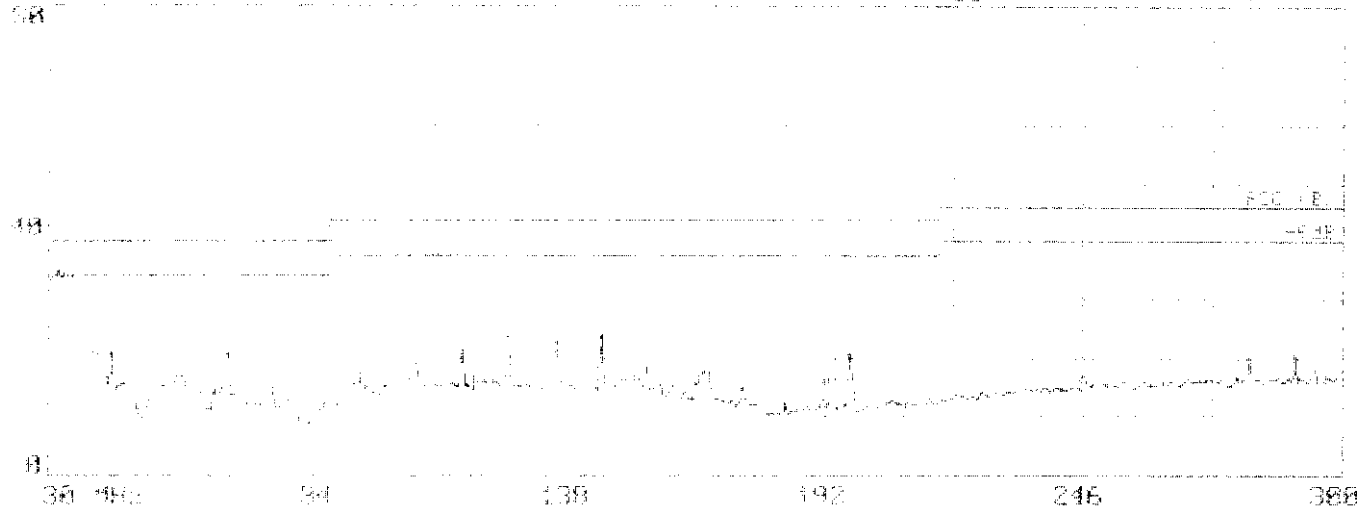
Data#: 42 File#: MAKIDOL EM(Date: 05-24-1999 Time: 09:20:10
dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



Trace
Ref .

Data#: 39 File#: MARIDOL.EMI Date: 05-24-1999 Time: 09:17:01

dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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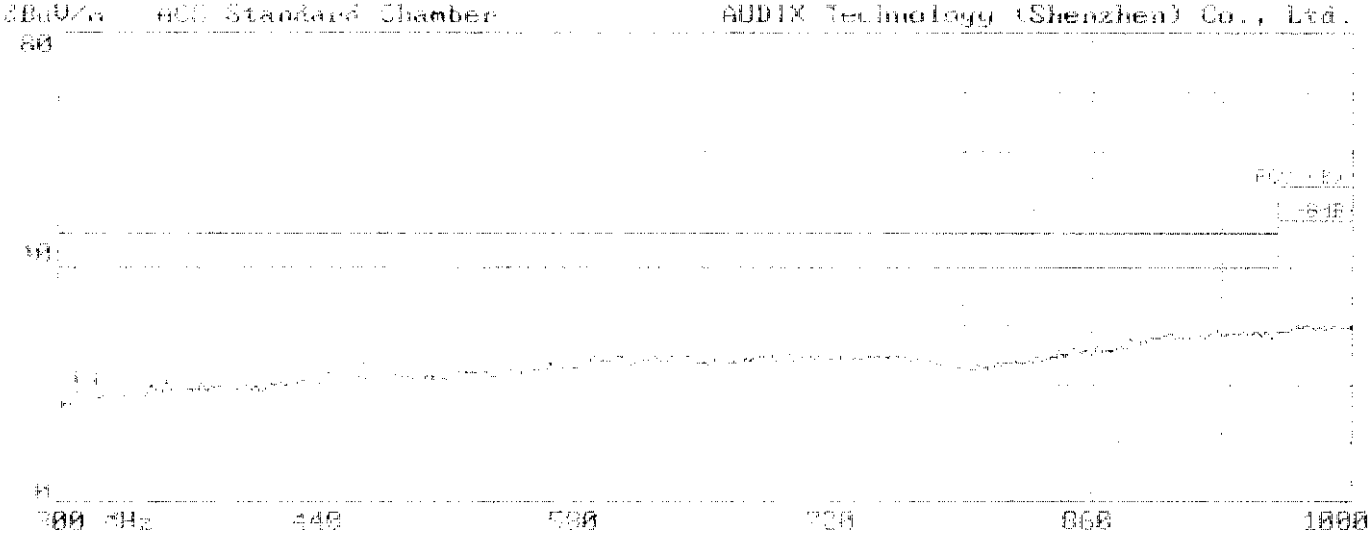
Data# 40 File#: MARIDOL.EMI Date: 05-24-1999 Time: 09:18:03

dBuV/m ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



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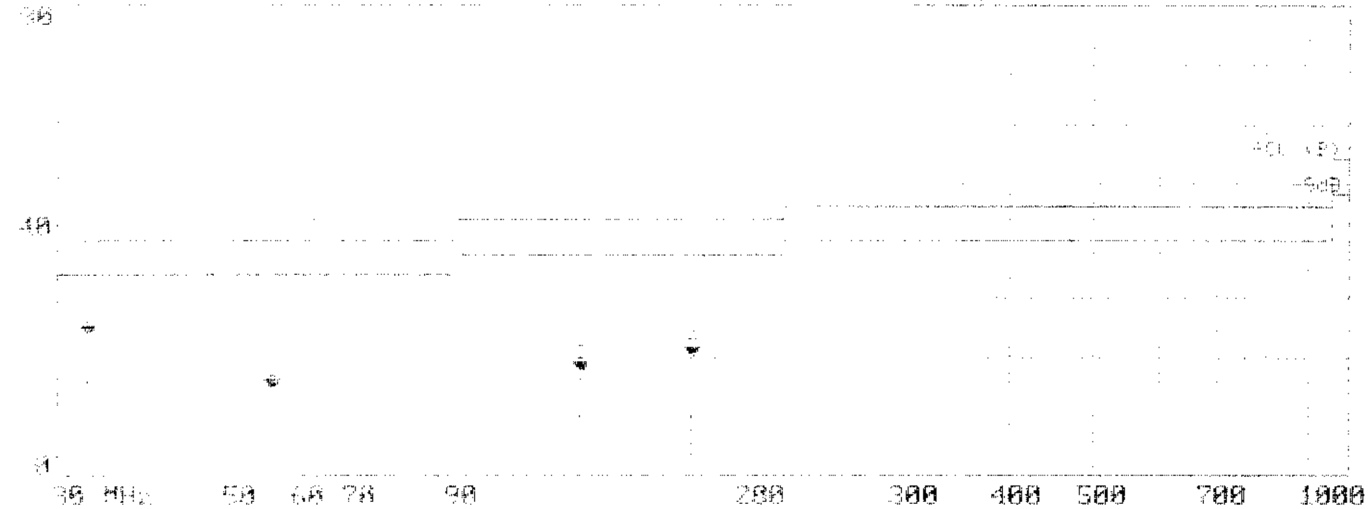
Data#: 16 File#: HARIDOL.EMI Date: 05-24-1999 Time: 09:19:30

(dBuV/m) 3M Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



Trace: Ref:

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						dB	dB	
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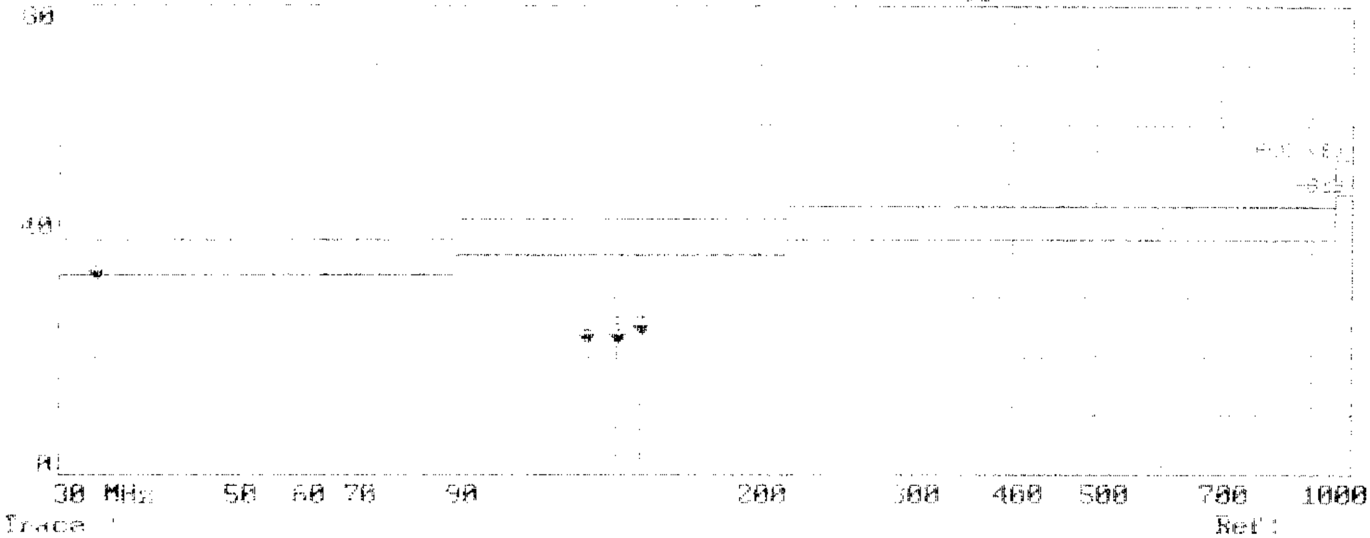
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.3?	[illegible]	QP
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.04	0.00	QP
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00	QP

Data#: 05 File#: MAKIDOL EMI Date: 05-24-1999 Time: 09:17:01

AudVim ACS Standard Chamber AUDIX Technology (Shenzhen) Co., Ltd.



	Cable Loss	Preamp Factor	Remark
	dB	dB	
[illegible]	1.04	0.00	QP
[illegible]	[illegible]	[illegible]	QP
[illegible]	[illegible]	[illegible]	QP
[illegible]	[illegible]	[illegible]	[illegible]

CAUTIONS AND INSTRUCTION

1. Use only on 110-120V, 60Hz.
2. Never disassemble or modify the lamp.
3. To prevent risk of fire, never install this device in the following fixtures:
   a. Fixture on dimming circuits.
   b. Emergency exit lights powered by direct current(DC).
4. To avoid risk of electronic shock----use only in dry locations.
5. This product may produce interference when using a T.V., radio or a wireless remote control. If interference should occur, move the lamp away form such equipment three feet or more, otherwise, plug the lamp or the receiver into a different outlet.
6. To prevent burns and avoid electric shock, please do not touch the bulb or cap during operation or immediately after switching off.
7. COMPLIANCE INFORMATION STATEMENT
   Product Name: Energy Saving Lamp
   Model Number: EUM-5W, EUM-7W, EUM-9W, EUM-11W, EUM-15W, EUT-12W, EUT-16W, EUT-20W, EUT-24W
   This device complies with part 18 of FCC Rules operation is subject to the following two conditions:
   1) This device may not cause harmful interference.
   2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.