

APPLICATION FOR CERTIFICATION

On Behalf of
First International Digital Inc.

Linkit 400FM

Model Number: X168

Prepared for : First International Digital Inc.
135 West Central Road Schaumburg,
Illinois 60195, USA

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

Tel: (0755) 26639496

Report Number : ACS-F03205
Date of Test : Aug.19, 2003
Date of Report : Sep.08, 2003

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APPENDIX I

(9 pages)

TEST REPORT DECLARATION

Applicant : First International Digital Inc.
Manufacturer : Saitek Electronics (Shenzhen) Ltd.
EUT Description : Linkit 400FM
(A) MODEL NO. : X168
(B) SERIAL NO. : F2003090804
(C) Power Supply : DC 3V Adaptor Input DC 12V

Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Mar, 2003.

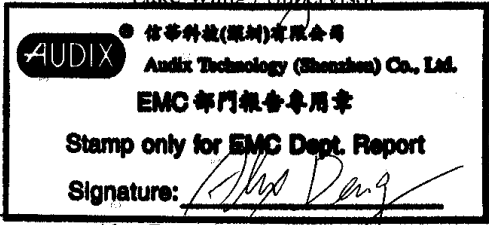
The device described above is tested by Audix Technology (Shenzhen) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C limits for radiated and conducted emissions. The test results are contained in this test report and Audix Technology (Shenzhen) Co., Ltd. is assumed full responsibility for the accuracy and completeness of tests. Also, this report shows that 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.

Date of Test : Aug.19, 2003

Prepared by : Jane Dai
Jane Dai / Assistant

Reviewer : Lake Wang
Lake Wang / Supervisor

Approved & Authorized Signer : 
Alex Deng / Assistant Manager

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	Linkit 400FM
Model Number	:	X168
Applicant	:	First International Digital Inc. 135 West Central Road Schaumburg, Illinois 60195, USA
Manufacturer	:	Saitek Electronics (Shenzhen) Ltd. 139 Da Bao Road, District 33 Bao An, Shenzhen, China
Power Cord	:	Unshielded, Detachable, 1.0m
Date of Test	:	Aug.19, 2003

1.2. Tested Supporting System Details

Battery 12V	:	Manufacturer: YUASA Model Number: NP7-12
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1.3. Test Facility

Site Description

3m Anechoic Chamber	:	Certificated by FCC, USA Aug. 24, 2000
3m & 10m Open Site	:	Certificated by FCC, USA Jan. 29, 2001
		Certificated by VCCI, Japan Jan.01, 2002
EMC Lab.	:	Certificated by DATech, German Feb. 02, 1999
		Certificated by NVLAP, USA NVLAP Code: 200372-0 Mar. 31, 2003
Name of Firm	:	Audix Technology (Shenzhen) Co., Ltd.
Site Location	:	No. 6, Ke Feng Rd., 52 Block, Shenzhen Science & Industrial Park, Nantou, Shenzhen, Guangdong, China

1.4. Test Uncertainty

Conducted Emission Uncertainty	=	$\pm 2.66\text{dB}$
Radiated Emission Uncertainty	=	$\pm 4.26\text{dB}$

2. POWER LINE CONDUCTED EMISSION TEST

According to Paragraph (f) of FCC Part 15 section 15.107, Tests to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines.

3. RADIATED EMISSION TEST

3.1. Test Equipment

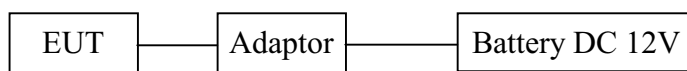
The following test equipments are used during the radiated emission Test :

3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Spectrum	HP	85422E	3625A00181	May.31, 03	1 Year
2.	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	May.31, 03	1 Year
3.	Amplifier	HP	8447D	2944A07794	Mar.19, 03	1/2 Year
4.	Bilog Antenna	Schaffner	CBL6111C	2598	Jan. 14, 03	1 Year
5.	PC	N/A	586ATX3	N/A	N/A	N/A
6.	Printer	HP	Laserjet6P	SGCF019673	N/A	N/A
7.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.1	Aug.02, 03	1/2 Year
8.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Aug.02, 03	1/2 Year
9.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.3	Aug.02, 03	1/2 Year
10.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Aug. 02, 03	1/2 Year
11.	Coaxial Switch	Anritsu	MP59B	M73989	May.29, 03	1/2 Year

3.2. Block Diagram of Test Setup

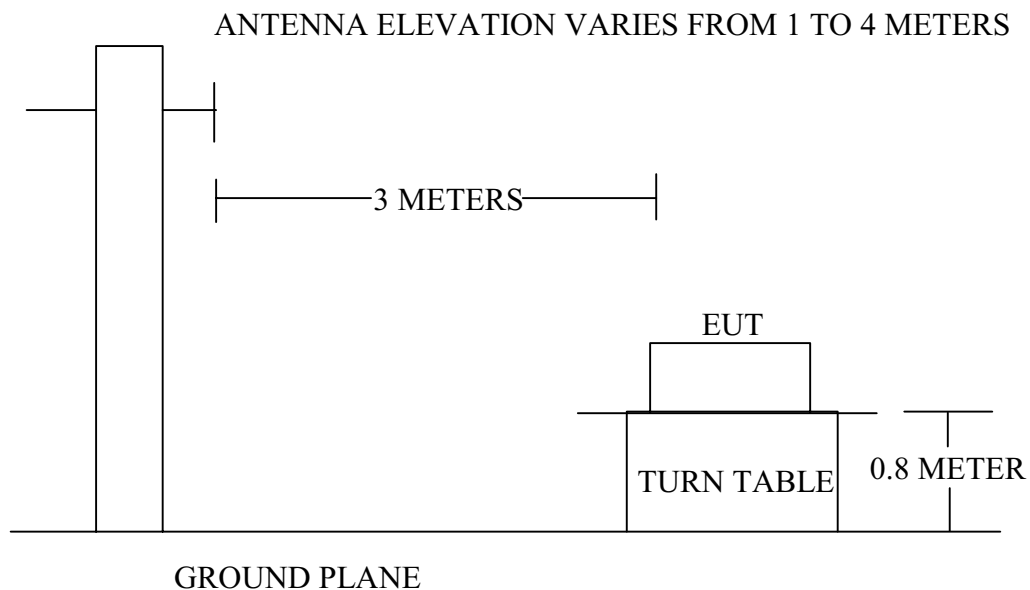
3.2.1. Block Diagram of connection between EUT and simulators



(EUT: Linkit 400FM)

3.2.2. Anechoic Chamber Setup Diagram

ANTENNA TOWER



3.3. Radiated Emission Limit

FREQUENCY MHz	DISTANCE 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
Fundamental (88.1/88.3/88.5/88.7)	3	48.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average)	

- Remark :
- (1) Emission level $\text{dB}\mu\text{V} = 20 \log \text{Emission level } \mu\text{V}/\text{m}$
 - (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. Linkit 400FM (EUT)

Model Number	:	X168
Serial Number	:	F2003090804
Manufacturer	:	Saitek Electronics (Shenzhen) Ltd.

3.5. Operating Condition of EUT

3.5.1. Setup the EUT as shown in Section 3.2..

3.5.2. Let the EUT work in test modes (CH 88.1MHz/CH 88.3MHz/CH 88.5MHz/CH 88.7MHz) 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 ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on Test. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-1992 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 and above 1000MHz are checked.

The test modes (CH 88.1MHz/CH 88.3MHz/CH 88.5MHz/CH 88.7MHz) is tested in Anechoic Chamber and all the scanning waveforms are attached in Appendix I.

3.7. Radiated Emission Test Results

PASS.

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

Date of Test :	Aug.19, 2003	Temperature :	24°C
EUT :	Linkit 400FM	Humidity :	56%
Model No. :	X168	Test Mode :	CH 88.1MHz
Test Engineer:	Tomy		

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	Remark
65.890	4.43	1.59	18.21	24.23	-15.77	40.00	QP
88.105	8.28	1.88	36.10	46.26	-1.74	48.00	Average
134.760	11.77	2.33	8.42	22.53	-20.97	43.50	QP
176.200	9.90	2.78	17.10	29.78	-13.72	43.50	QP
264.313	13.29	3.52	8.10	24.90	-21.10	46.00	QP
352.410	15.63	4.20	11.30	31.13	-14.87	46.00	QP

- Remark: 1. All readings are Average and QP values.
2. Emission Level = Antenna Factor + Meter Reading+Cable Loss
3.The bandwidth of the RBW is set at 120KHz and VBW is set at 300KHz.

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	Remark
65.890	9.63	1.59	38.09	24.79	-15.21	40.0	QP
88.100	8.30	1.88	32.40	42.58	-5.42	48.0	Average
176.200	8.49	2.78	10.70	21.97	-21.53	43.5	QP

- Remark: 1. All readings are Average and QP values.
2. Emission Level = Antenna Factor + Meter Reading+Cable Loss
3.The bandwidth of the RBW is set at 120KHz and VBW is set at 300KHz.

Reviewer:

Choke Wang

Date of Test :	Aug.19, 2003	Temperature :	24°C
EUT :	Linkit 400FM	Humidity :	56%
Model No. :	X168	Test Mode :	CH 88.3MHz
Test Engineer:	Tomy		

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	Remark
65.890	4.43	1.59	23.91	29.93	-10.07	40.00	QP
88.305	8.28	1.88	36.00	46.16	-1.84	48.00	Average
134.760	11.77	2.33	13.76	27.86	-15.64	43.50	QP
176.601	9.90	2.79	17.20	29.89	-13.61	43.50	QP
264.908	13.21	3.51	8.00	24.72	-21.28	46.00	QP
353.208	15.63	4.22	15.50	35.35	-10.65	46.00	QP

Remark: 1. All readings are Average and QP values.
2. Emission Level = Antenna Factor + Meter Reading+Cable Loss
3.The bandwidth of the RBW is set at 120KHz and VBW is set at 300KHz.

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	Remark
65.890	9.63	1.59	14.46	25.69	-14.31	40.00	QP
88.305	8.30	1.88	32.50	42.68	-5.32	48.00	Average
176.470	8.49	2.79	11.61	22.89	-20.61	43.50	QP
352.040	14.77	4.20	6.12	25.09	-20.91	46.00	QP

Remark: 1. All readings are Average and QP values.
2. Emission Level = Antenna Factor + Meter Reading+Cable Loss
3.The bandwidth of the RBW is set at 120KHz and VBW is set at 300KHz.

Reviewer: Cake Wang

Date of Test :	Aug.19, 2003	Temperature :	24°C
EUT :	Linkit 400FM	Humidity :	56%
Model No. :	X168	Test Mode :	CH 88.5Hz
Test Engineer:	Tomy		

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	Remark
65.890	4.43	1.59	23.06	29.08	-10.92	40.00	QP
88.503	8.24	1.88	34.90	45.03	-2.97	48.00	Average
136.700	11.52	2.37	13.80	27.70	-15.80	43.50	QP
177.008	9.90	2.79	21.10	33.79	-9.71	43.50	QP
265.505	13.21	3.51	8.10	24.82	-21.18	46.00	QP
354.008	15.63	4.22	11.10	30.95	-15.05	46.00	QP

Remark: 1. All readings are Average and QP values.
2. Emission Level = Antenna Factor + Meter Reading+Cable Loss
3.The bandwidth of the RBW is set at 120KHz and VBW is set at 300KHz.

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	Remark
66.860	9.97	1.60	20.60	32.17	-7.83	40.00	QP
88.505	8.32	1.88	31.20	41.41	-6.59	48.00	Average
178.410	8.44	2.81	14.28	25.53	-17.97	46.00	QP

Remark: 1. All readings are Average and QP values.
2. Emission Level = Antenna Factor + Meter Reading+Cable Loss
3.The bandwidth of the RBW is set at 120KHz and VBW is set at 300KHz.

Reviewer: Cake Wang

Date of Test :	Aug.19, 2003	Temperature :	24°C
EUT :	Linkit 400FM	Humidity :	56%
Model No. :	X168	Test Mode :	CH 88.7Hz
Test Engineer:	Tomy		

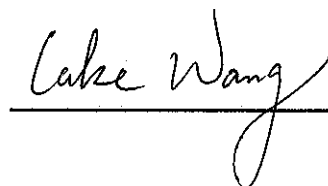
Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
65.890	4.43	1.59	24.46	30.48	-9.52	40.00	QP
88.708	8.20	1.89	36.10	46.19	-1.81	48.00	Average
133.790	12.05	2.32	11.85	26.22	-17.28	43.50	QP
177.440	9.90	2.79	22.38	35.08	-8.42	43.50	QP
264.740	13.29	3.52	8.28	25.08	-20.92	46.00	QP
354.950	15.64	4.23	14.06	33.93	-12.07	46.00	QP

Remark: 1. All readings are Average and QP values.
 2. Emission Level = Antenna Factor + Meter Reading+Cable Loss
 3.The bandwidth of the RBW is set at 120KHz and VBW is set at 300KHz.

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	Remark
65.890	9.63	1.59	20.56	31.79	-8.21	40.00	QP
88.705	8.34	1.89	32.40	42.63	-5.37	48.00	Average
133.790	11.60	2.32	6.87	20.79	-22.71	43.50	QP
174.530	8.46	2.76	15.14	26.36	-17.14	43.50	QP

Remark: 1. All readings are Average and QP values.
 2. Emission Level = Antenna Factor + Meter Reading+Cable Loss
 3.The bandwidth of the RBW is set at 120KHz and VBW is set at 300KHz.

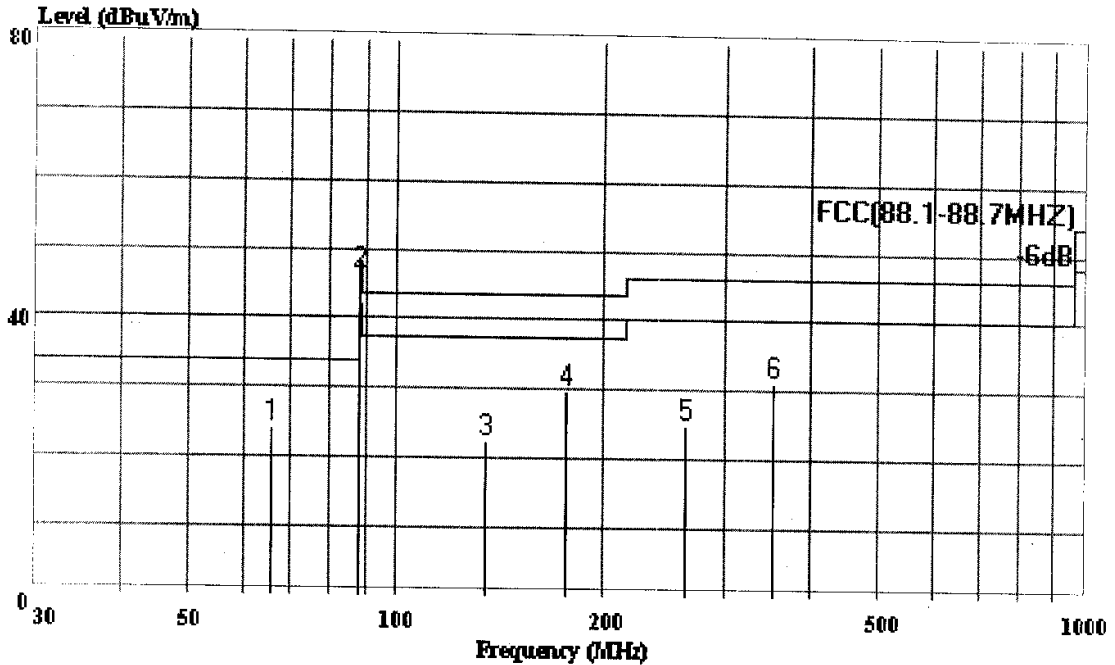
Reviewer:





Shenzhen Science & Ind. Park
Tel: 0755-26639495~7
Fax: 0755-26632877

Data#: 994 File#: Saitek.emi Date: 2003-08-19 Time: 00:48:49



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHz) 3m 2598FACTOR HORIZONTAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.1MHz

: H:3.99m Deg:350'

Page: 1

	Freq	Level	Limit	Over	Read	Probe	Cable	
	MHz	dBuV/m	Line	Limit	Level	Factor	Loss	Remark
			dBuV/m	dB	dBuV	dB	dB	
1	65.890	24.23	40.00	-15.77	18.21	4.43	1.59	OP
2	88.105	46.26	48.00	-1.74	36.10	8.28	1.88	Average
3	134.760	22.53	43.50	-20.97	8.42	11.77	2.33	OP
4	176.200	29.78	43.50	-13.72	17.10	9.90	2.78	OP
5	264.313	24.90	46.00	-21.10	8.10	13.29	3.52	OP
6	352.410	31.13	46.00	-14.87	11.30	15.63	4.20	QP



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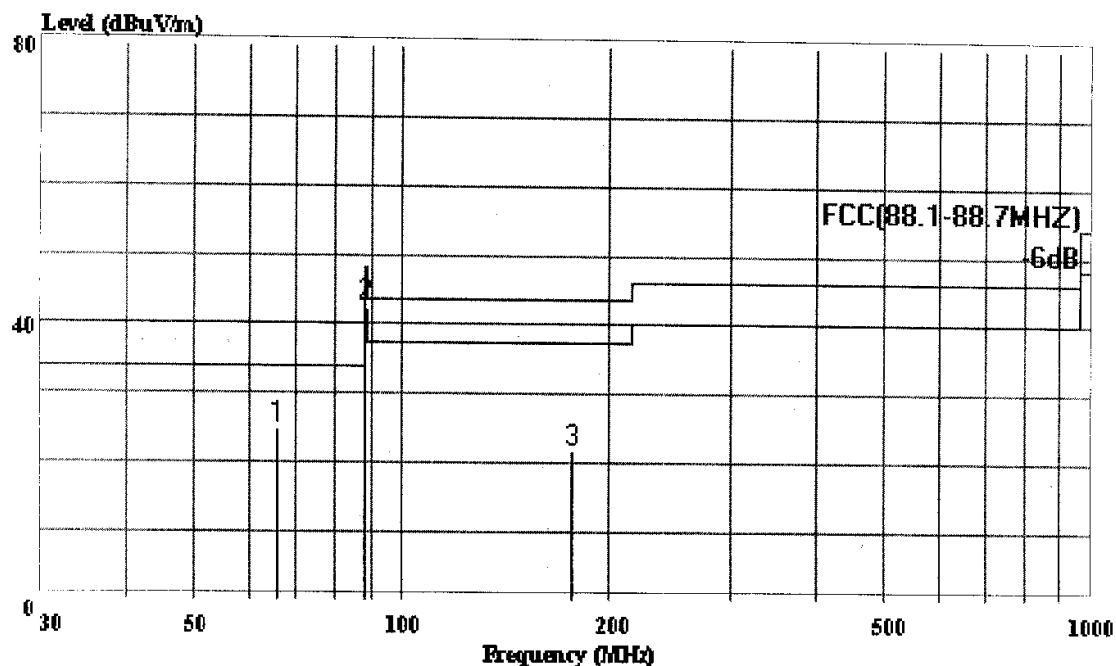
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Tel: 0755-26639495~7

Fax: 0755-26632877

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Date: 2003-08-19 Time: 00:54:34



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHz) 3m 2598FACTOR VERTICAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.1MHz

: H:3.58 Deg:358'

Page: 1

	Freq	Level	Limit	Over	Read	Probe	Cable	
	MHz	dBuV/m	Line	Limit	Level	Factor	Loss	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	
1	65.890	24.79	40.00	-15.21	38.09	9.63	1.59	OP
2	88.100	42.58	48.00	-5.42	32.40	8.30	1.88	Average
3	176.200	21.97	43.50	-21.53	10.70	8.49	2.78	QP



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

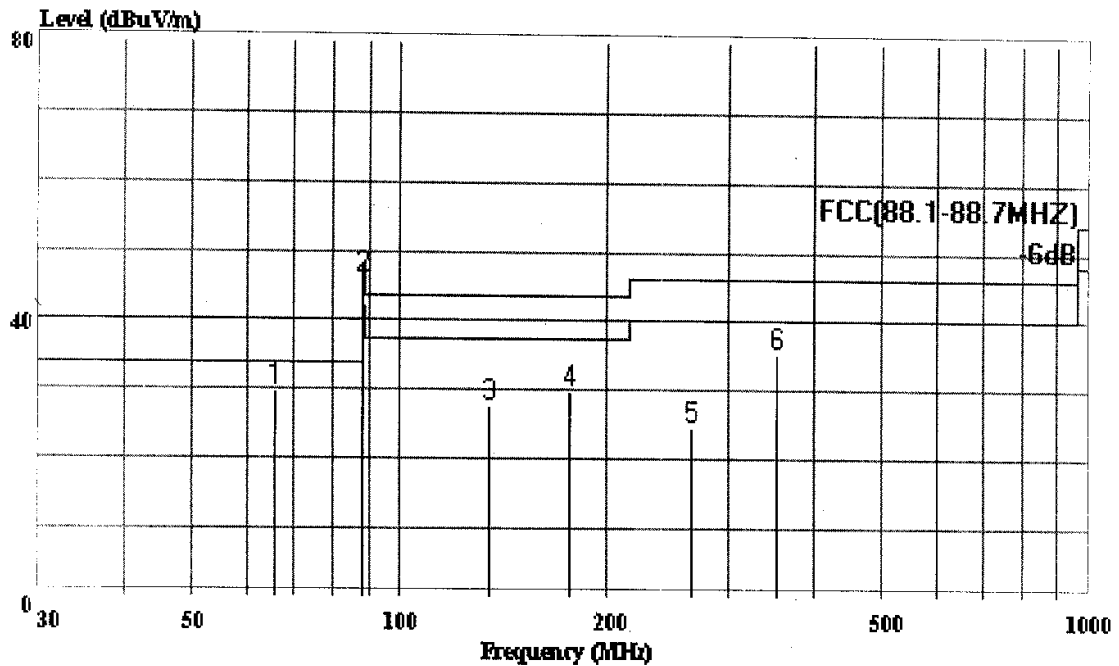
Shenzhen Science & Ind. Park

Tel: 0755-26639495~7

Fax: 0755-26632877

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Date: 2003-08-19 Time: 01:37:22



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHz) 3m 2598FACTOR HORIZONTAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.3MHz

: H:3.90m Deg:350'

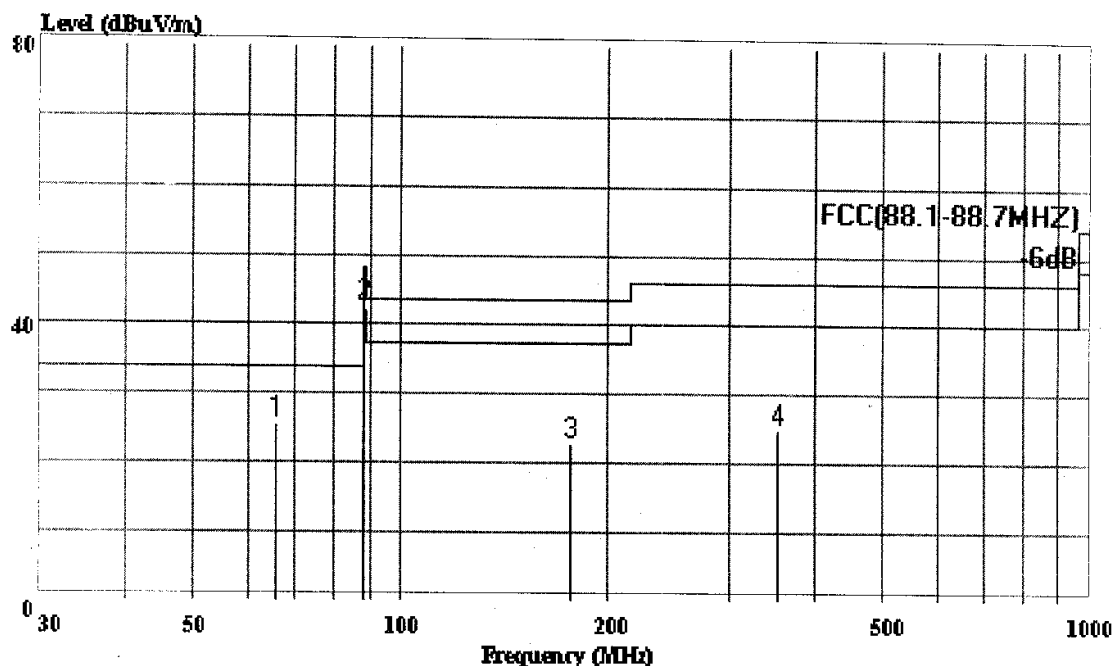
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	Freq	Level	Limit	Over	Read	Probe	Cable	
	MHz	dBuV/m	Line	Limit	Level	Factor	Loss	Remark
			dBuV/m	dB	dBuV	dB	dB	
1	65.890	29.93	40.00	-10.07	23.91	4.43	1.59	OP
2	88.305	46.16	48.00	-1.84	36.00	8.28	1.88	Average
3	134.760	27.86	43.50	-15.64	13.76	11.77	2.33	OP
4	176.601	29.89	43.50	-13.61	17.20	9.90	2.79	OP
5	264.908	24.72	46.00	-21.28	8.00	13.21	3.51	OP
6	353.208	35.35	46.00	-10.65	15.50	15.63	4.22	QP



Shenzhen Science & Ind. Park
Tel: 0755-26639495~7
Fax: 0755-26632877

Data#: 996 File#: Saitek.emi Date: 2003-08-19 Time: 01:16:11



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHz) 3m 2598FACTOR VERTICAL
EUT : Linkit 400FM
M/N : X168
Power : DC 3V Adaptor input DC 12V
Test Engineer: Tomv
Memo : CH 88.3MHz
: H:3.89m Deg:65'

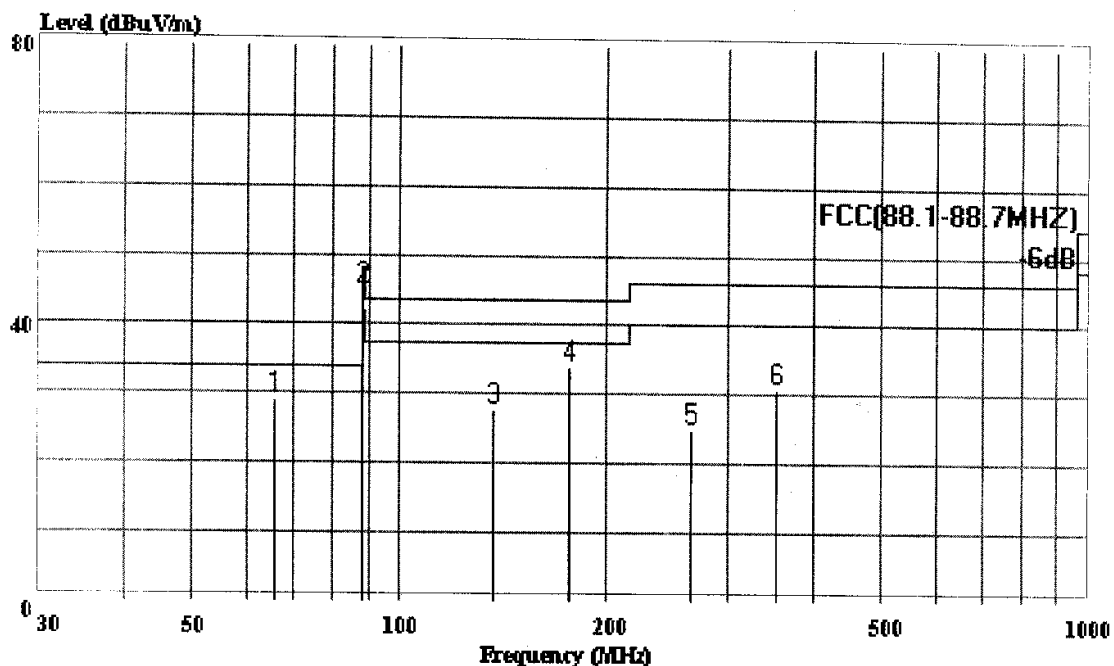
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	Freq	Level	Limit	Over	Read	Probe	Cable	
	MHz	dBuV/m	Line	Limit	Level	Factor	Loss	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	
1	65.890	25.69	40.00	-14.31	14.46	9.63	1.59	OP
2	88.305	42.68	48.00	-5.32	32.50	8.30	1.88	Average
3	176.470	22.89	43.50	-20.61	11.61	8.49	2.79	OP
4	352.040	25.09	46.00	-20.91	6.12	14.77	4.20	QP



Shenzhen Science & Ind. Park
Tel: 0755-26639495~7
Fax: 0755-26632877

Data#: 1000 File#: Saitek.emi Date: 2003-08-19 Time: 01:51:15



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHz) 3m 2598FACTOR HORIZONTAL
EUT : Linkit 400FM
M/N : X168
Power : DC 3V Adaptor input DC 12V
Test Engineer: Tomv
Memo : CH 88.5MHz
: H:3.95m Deg:320'

Page: 1

	Freq	Level	Limit	Over	Read	Probe	Cable	
	MHz	dBuV/m	Line	Limit	Level	Factor	Loss	Remark
			dBuV/m	dB	dBuV	dB	dB	
1	65.890	29.08	40.00	-10.92	23.06	4.43	1.59	OP
2	88.503	45.03	48.00	-2.97	34.90	8.24	1.88	Average
3	136.700	27.70	43.50	-15.80	13.80	11.52	2.37	OP
4	177.008	33.79	43.50	-9.71	21.10	9.90	2.79	OP
5	265.505	24.82	46.00	-21.18	8.10	13.21	3.51	OP
6	354.008	30.95	46.00	-15.05	11.10	15.63	4.22	QP

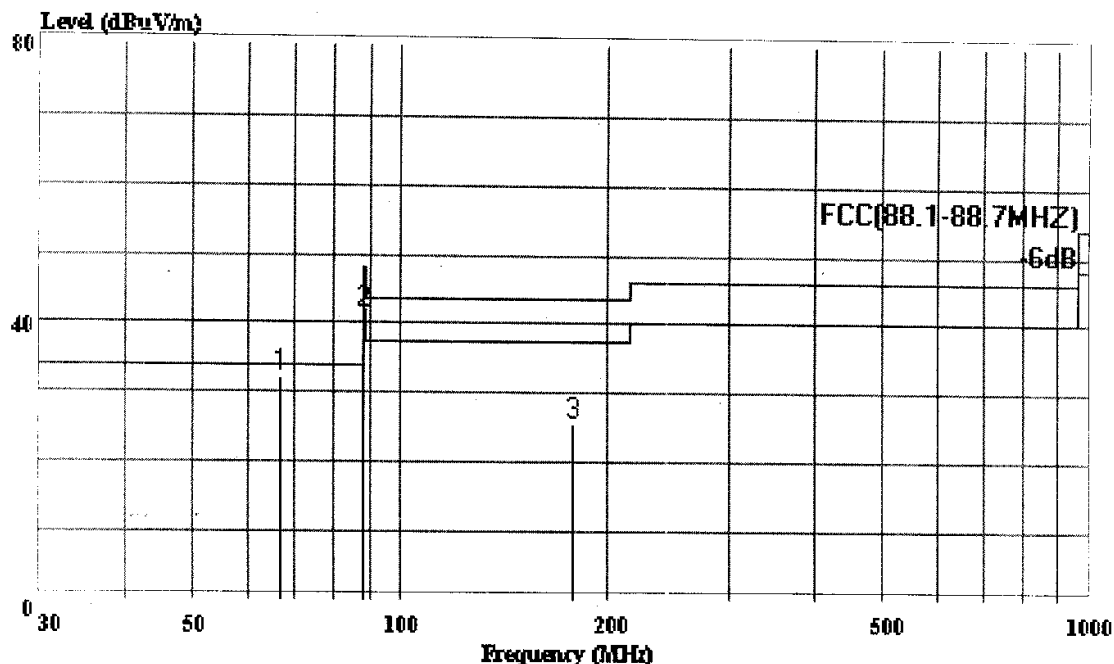


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind. Park
Tel: 0755-26639495~7
Fax: 0755-26632877

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Date: 2003-08-19 Time: 01:57:51



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHz) 3m 2598FACTOR VERTICAL
EUT : Linkit 400FM
M/N : X168
Power : DC 3V Adaptor input DC 12V
Test Engineer: Tomv
Memo : CH 88.5MHz
: H:3.89m Deg:310'

Page: 1

	Freq	Level	Limit	Over	Read	Probe	Cable	
	MHz	dBuV/m	Line	Limit	Level	Factor	Loss	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	
1	66.860	32.17	40.00	-7.83	20.60	9.97	1.60	OP
2	88.505	41.41	48.00	-6.59	31.20	8.32	1.88	Average
3	178.410	25.53	43.50	-17.97	14.28	8.44	2.81	QP



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

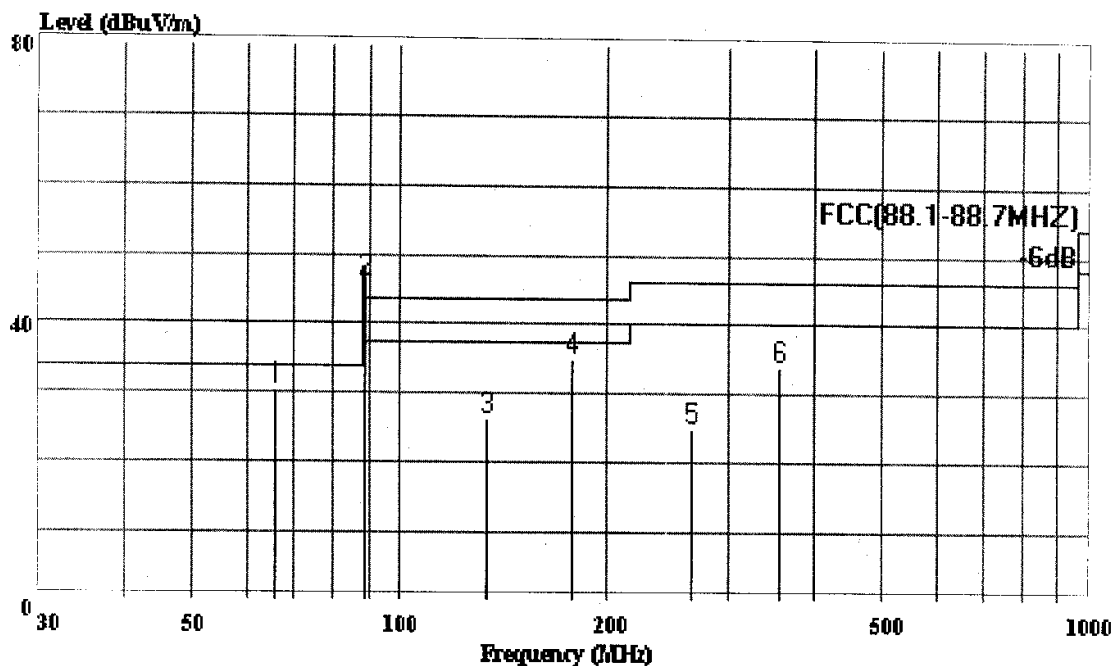
Shenzhen Science & Ind. Park

Tel: 0755-26639495~7

Fax: 0755-26632877

Data#: 1006 File#: Saitek.emi

Date: 2003-08-19 Time: 02:25:57



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHz) 3m 2598FACTOR HORIZONTAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.7MHz

: H:3.99m Deg:310'

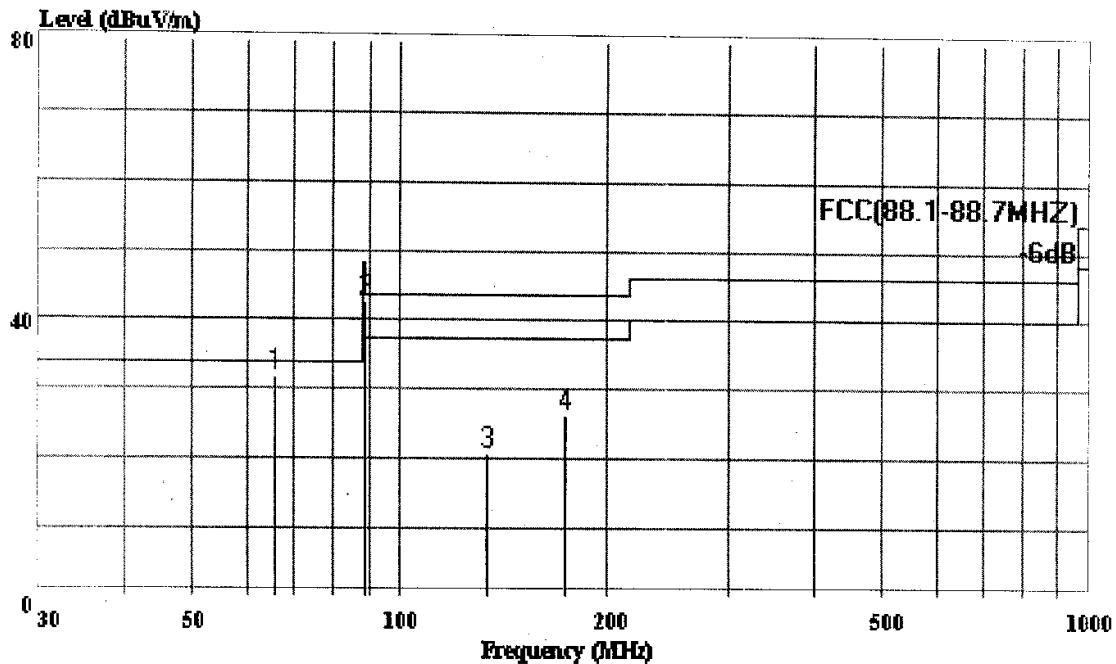
Page: 1

	Fred	Level	Limit	Over	Read	Probe	Cable	
	MHz	dBuV/m	Line	Limit	Level	Factor	Loss	Remark
			dBuV/m	dB	dBuV	dB	dB	
1	65.890	30.48	40.00	-9.52	24.46	4.43	1.59	OP
2	88.708	46.19	48.00	-1.81	36.10	8.20	1.89	Average
3	133.790	26.22	43.50	-17.28	11.85	12.05	2.32	OP
4	177.440	35.08	43.50	-8.42	22.38	9.90	2.79	OP
5	264.740	25.08	46.00	-20.92	8.28	13.29	3.52	OP
6	354.950	33.93	46.00	-12.07	14.06	15.64	4.23	QP



Shenzhen Science & Ind. Park
Tel: 0755-26639495~7
Fax: 0755-26632877

Data#: 1004 File#: Saitek.emi Date: 2003-08-19 Time: 02:09:25



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHz) 3m 2598FACTOR VERTICAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.7MHz

: H:3.78m Deg:60'

Page: 1

	Freq	Level	Limit	Over	Read	Probe	Cable	
	MHz	dBuV/m	Line	Limit	Level	Factor	Loss	Remark
			dBuV/m	dB	dBuV	dB	dB	
1	65.890	31.79	40.00	-8.21	20.56	9.63	1.59	OP
2	88.705	42.63	48.00	-5.37	32.40	8.34	1.89	Average
3	133.790	20.79	43.50	-22.71	6.87	11.60	2.32	OP
4	174.530	26.36	43.50	-17.14	15.14	8.46	2.76	QP

4. BANDWIDTH TEST

4.1. Test Equipment

The following test equipments are used during the bandwidth test:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4407B	MY41440292	Jun 22, 03	1 Y
2.	Antenna	EMCO	3115	9607-4877	Dec 02, 02	1.5 Y
3.	Print				N/A	N/A

4.2. Test Standard

The test completeness FCC 15C (239).

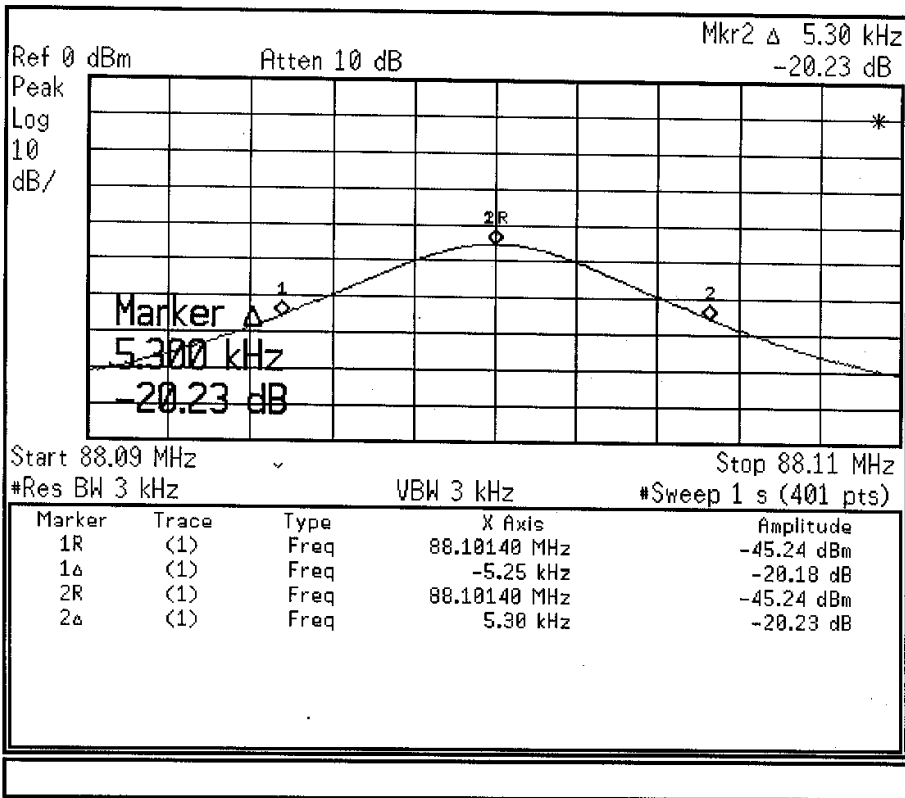
4.3. Bandwidth Limit

200KHz wide centered on the operation frequency.

4.4. Test Procedure

PASS.

Agilent



Print Setup

Printer Type
Custom

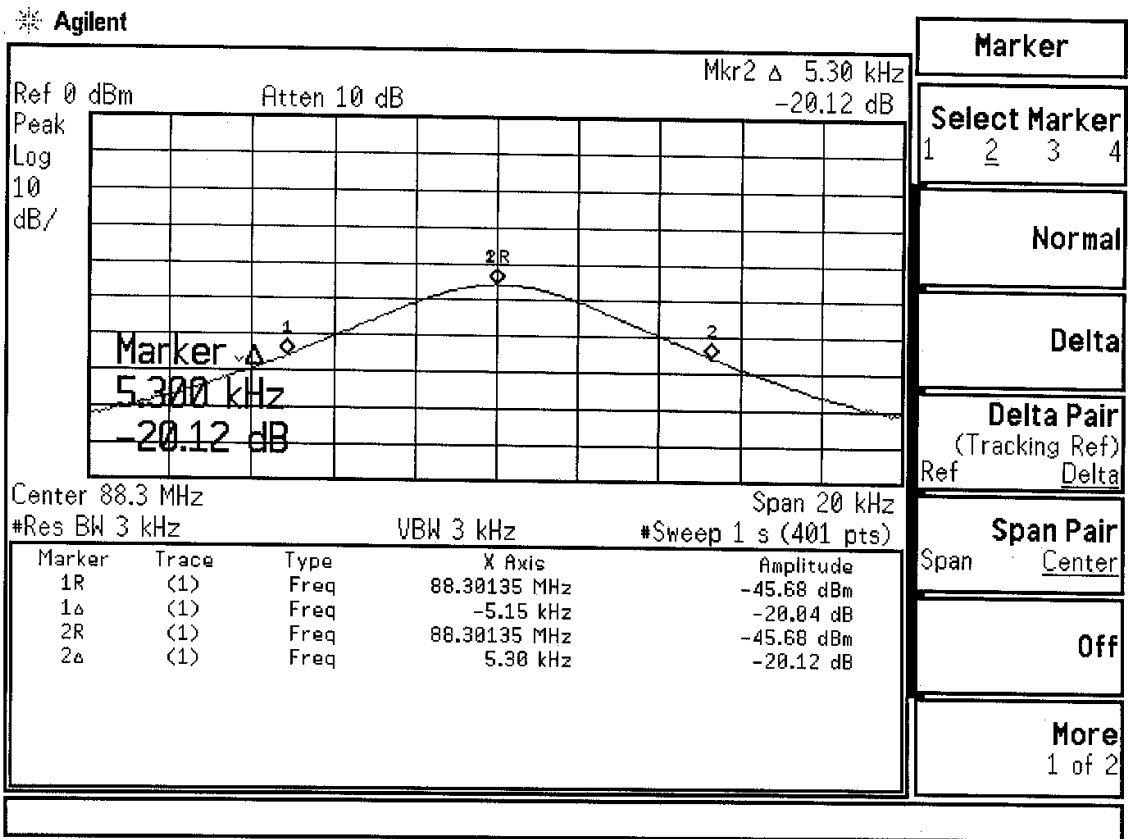
Define
Custom

Orientation
Portrait

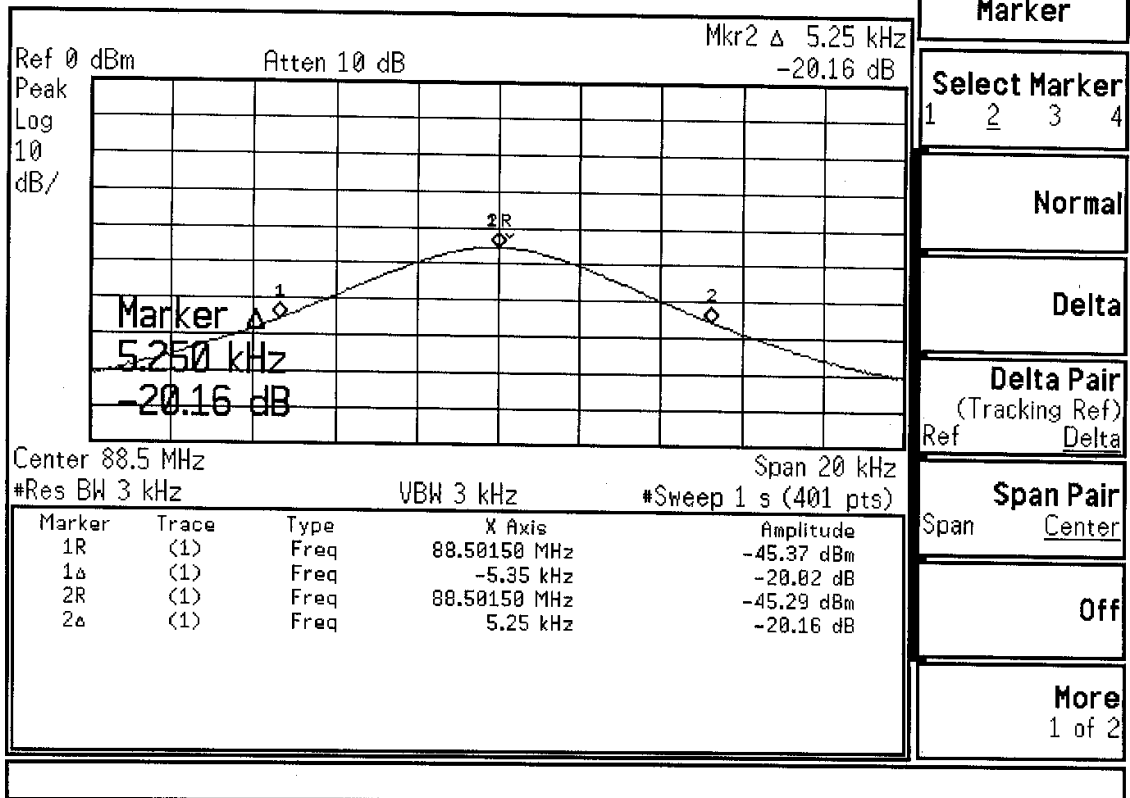
Prints/Page
1 2

Eject Page

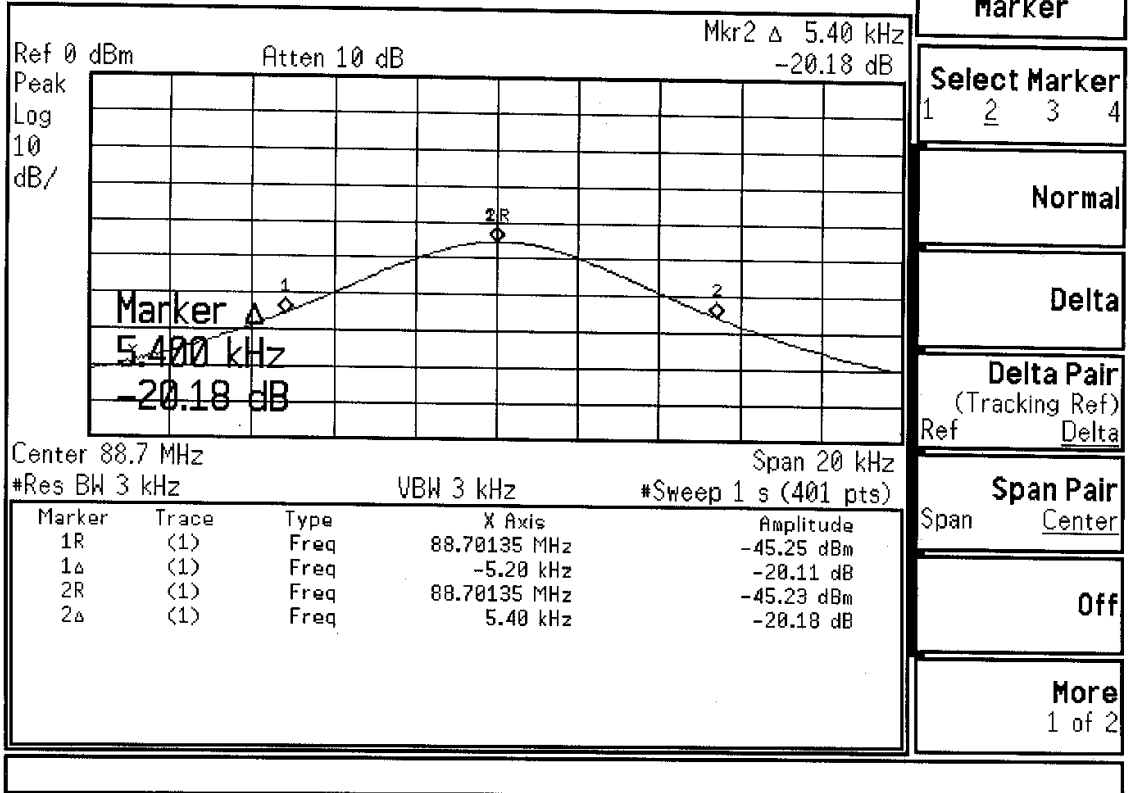
More
1 of 2



✱ Agilent



Agilent



APPENDIX I



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

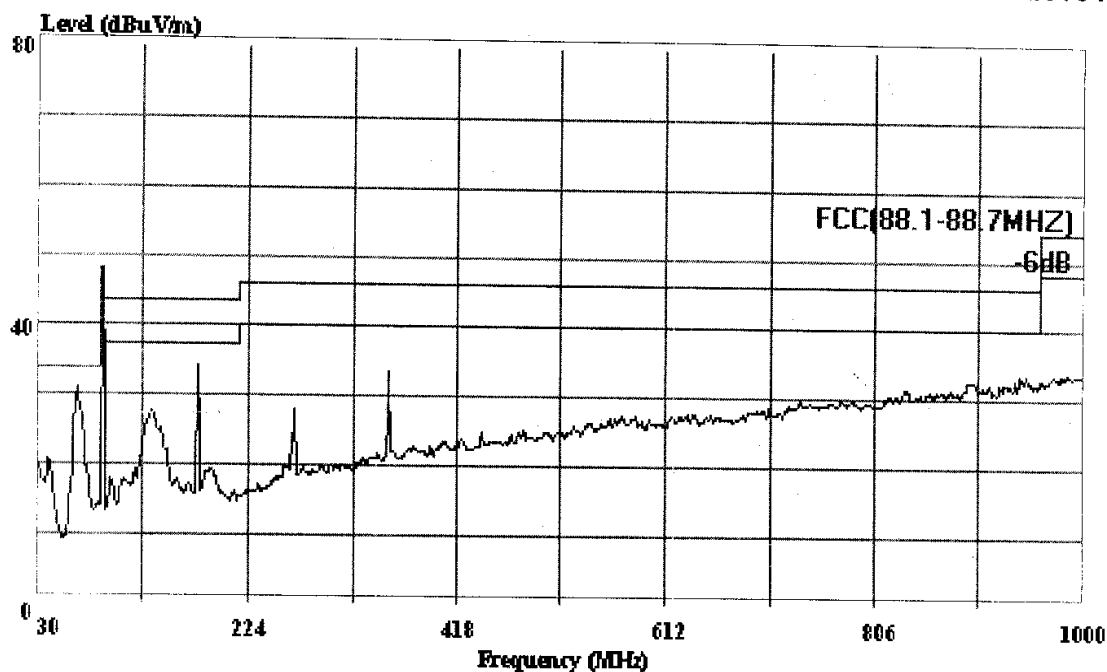
Shenzhen Science & Ind. Park

Tel: 0755-26639495~7

Fax: 0755-26632877

Data#: 991 File#: Saitek.emi

Date: 2003-08-19 Time: 00:25:34



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHZ) 3m 2598FACTOR HORIZONTAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.1MHz



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

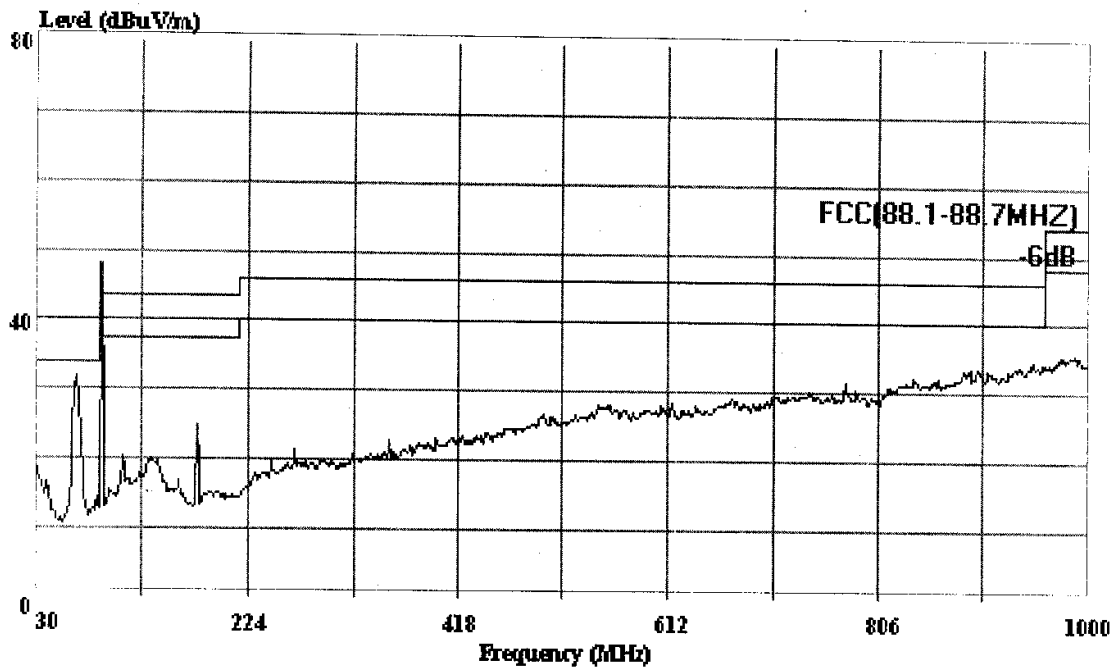
Shenzhen Science & Ind. Park

Tel: 0755-26639495~7

Fax: 0755-26632877

Data#: 992 File#: Saitek.emi

Date: 2003-08-19 Time: 00:53:11



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHZ) 3m 2598FACTOR VERTICAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.1MHz



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

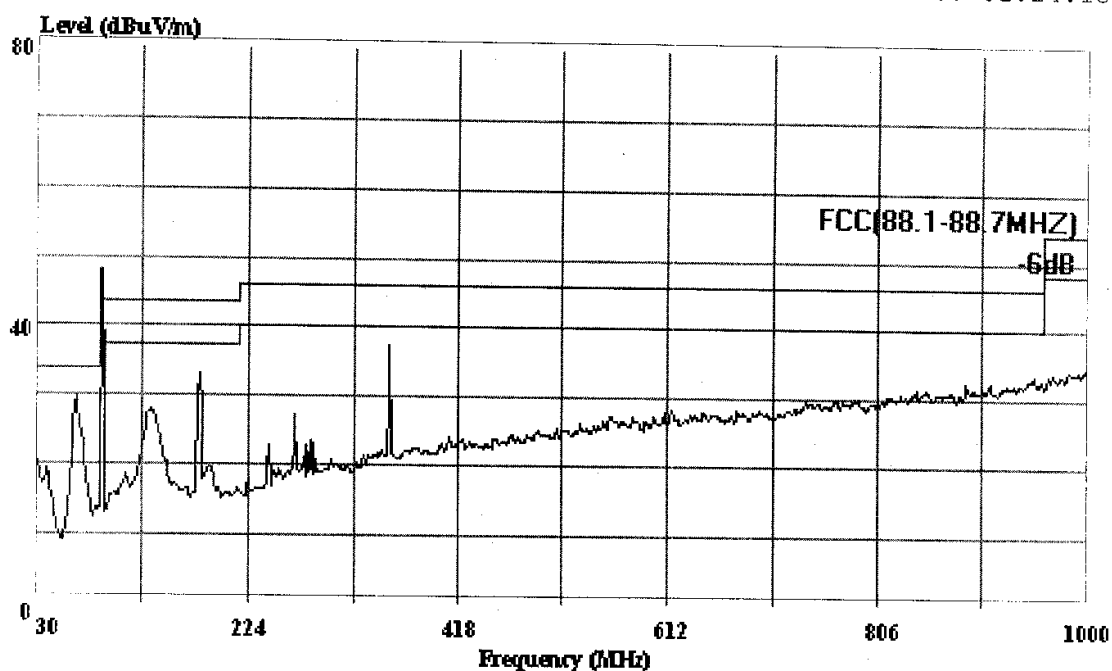
Shenzhen Science & Ind. Park

Tel: 0755-26639495~7

Fax: 0755-26632877

Data#: 997 File#: Saitek.emi

Date: 2003-08-19 Time: 01:24:13



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHz) 3m 2598FACTOR HORIZONTAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.3MHz

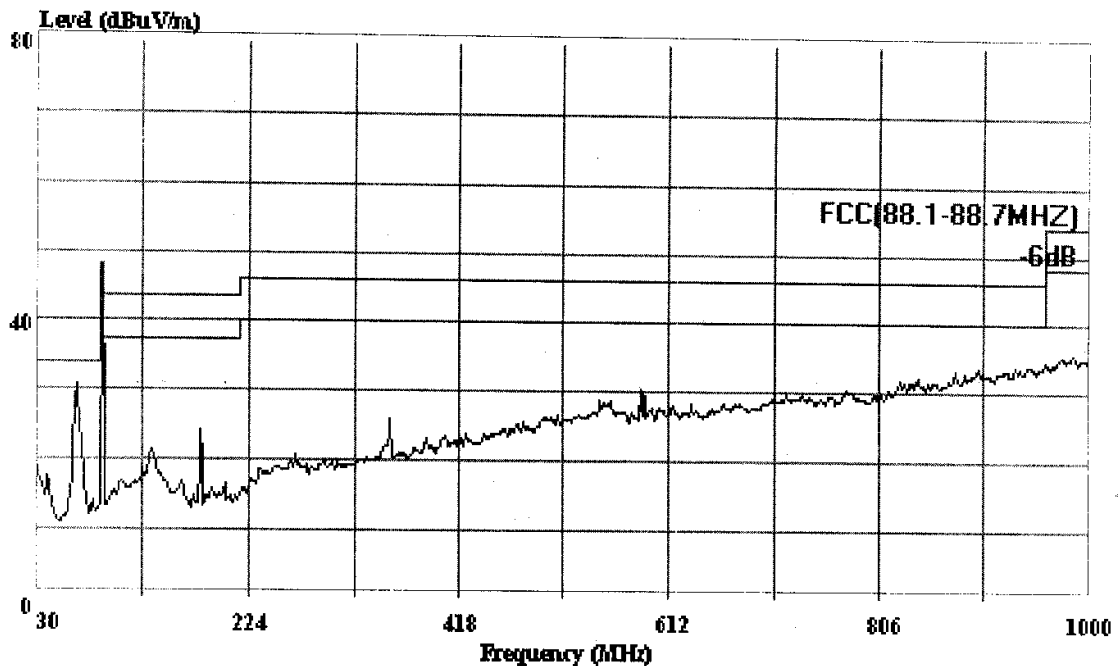


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Shenzhen Science & Ind. Park
 Tel: 0755-26639495~7
 Fax: 0755-26632877

Data#: 993 File#: Saitek.emi

Date: 2003-08-19 Time: 01:12:40



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHZ) 3m 2598FACTOR VERTICAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.3MHz



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

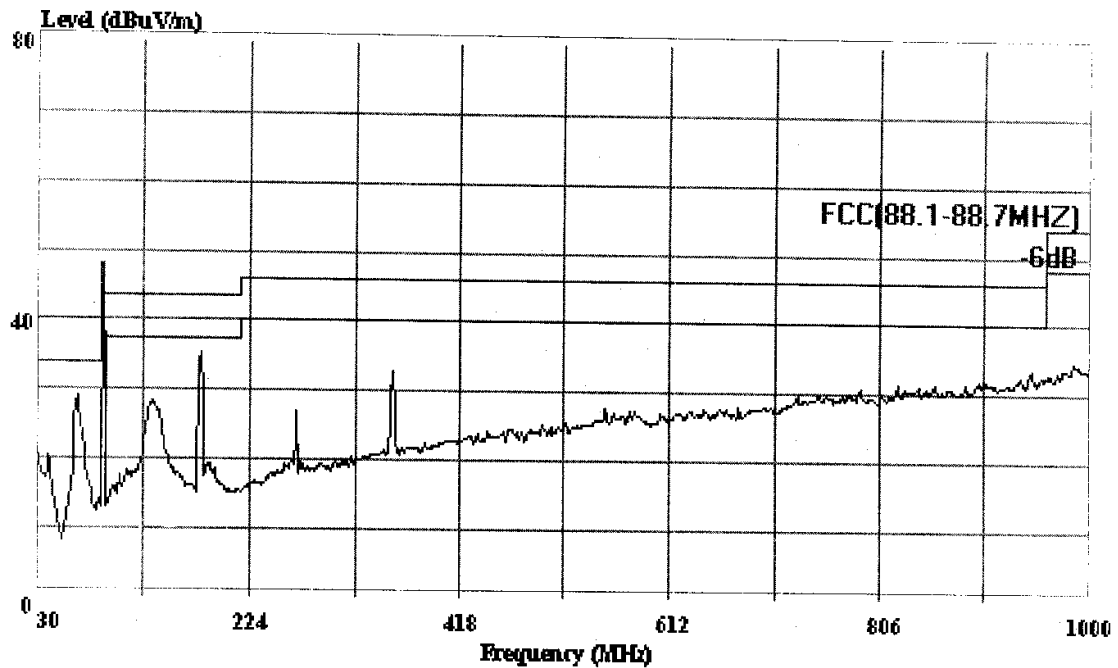
Shenzhen Science & Ind. Park

Tel: 0755-26639495~7

Fax: 0755-26632877

Data#: 999 File#: Saitek.emi

Date: 2003-08-19 Time: 01:40:46



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHZ) 3m 2598FACTOR HORIZONTAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.5MHz



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

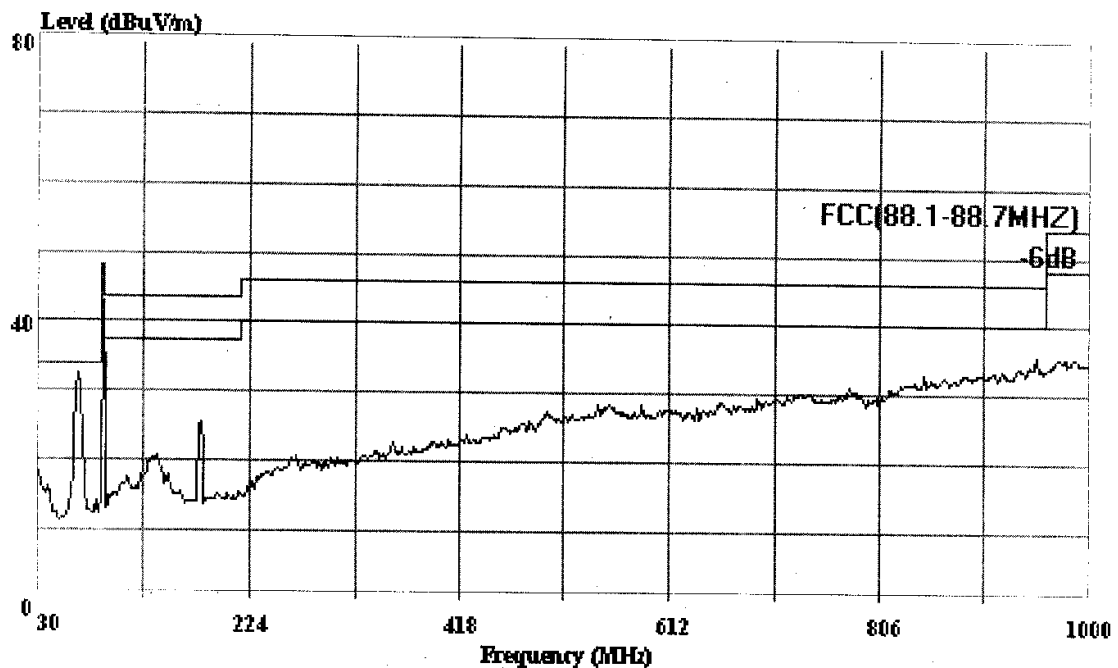
Shenzhen Science & Ind. Park

Tel: 0755-26639495~7

Fax: 0755-26632877

Data#: 1001 File#: Saitek.emi

Date: 2003-08-19 Time: 01:55:43



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHz) 3m 2598FACTOR VERTICAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.5MHz



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

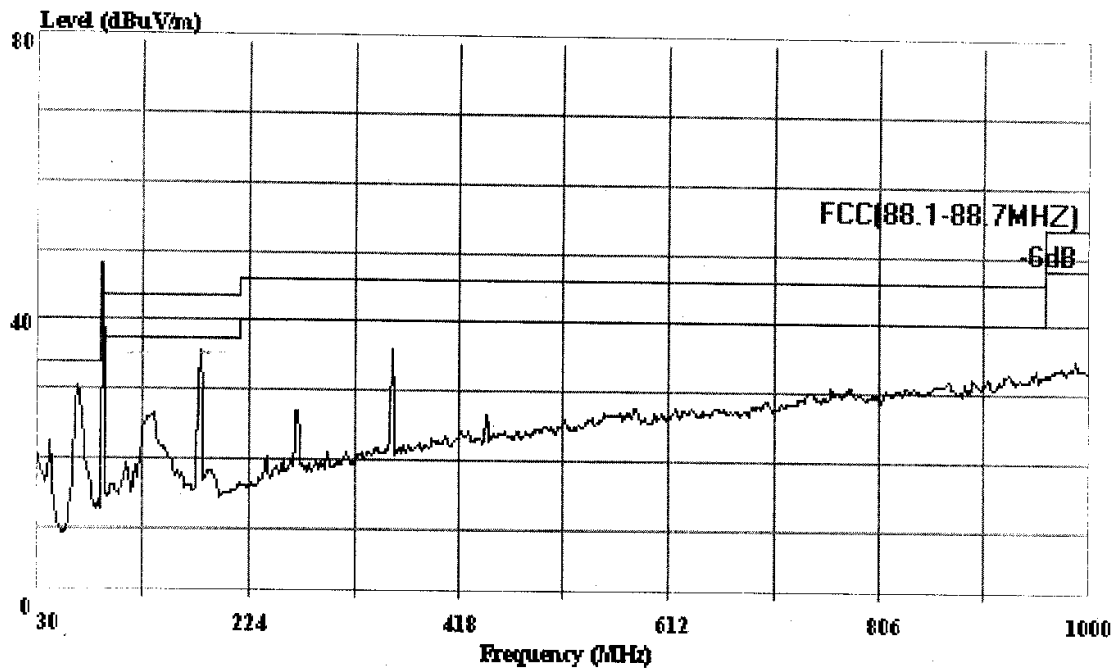
Shenzhen Science & Tnd. Park

Tel: 0755-26639495~7

Fax: 0755-26632877

Data#: 1005 File#: Saitek.emi

Date: 2003-08-19 Time: 02:13:08



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHZ) 3m 2598FACTOR HORIZONTAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.7MHz



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

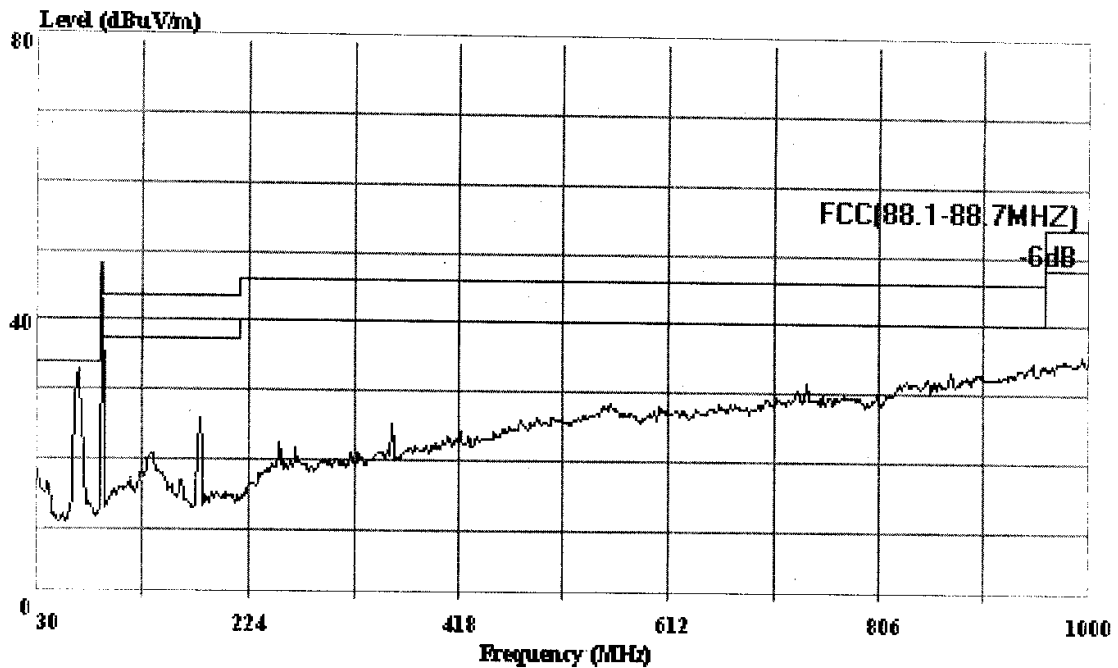
Shenzhen Science & Ind. Park

Tel: 0755-26639495~7

Fax: 0755-26632877

Data#: 1003 File#: Saitek.emi

Date: 2003-08-19 Time: 01:38:06



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

Trace:

Ref Trace:

Condition: FCC(88.1-88.7MHz) 3m 2598FACTOR VERTICAL

EUT : Linkit 400FM

M/N : X168

Power : DC 3V Adaptor input DC 12V

Test Engineer: Tomv

Memo : CH 88.7MHz