

APPLICATION FOR CERTIFICATION
On Behalf of
Inventec Electronics(Nanjing) Co.,Ltd

MIVO350

Model : IWT2A / IWT2B / BASE 1

Prepared for : Inventec Electronics(Nanjing) Co.,Ltd
No 100, Xian-He Street, Nanjing.
210006, P.R.China

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

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Report Number : ACS-F01127
Date of Test : July. 31 ~ Aug. 28, 2001
Date of Report : Sep. 10, 2001

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TEST REPORT CERTIFICATION

Applicant : Inventec Electronics(Nanjing) Co.,Ltd
 Manufacturer : Inventec Electronics(Nanjing) Co.,Ltd
 EUT Description : MIVO350
 (A) MODEL NO : IWT2A / IWT2B / BASE 1
 (B) SERIAL NO : N/A
 (C) POWER SUPPLY : 7V DC

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C October 1998 & ANSI C63.4-1992

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 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 Equipment Under Test (EUT) is to be technically compliant with the 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 : July. 31 ~ Aug. 28, 2001

Prepared by :

Tracy Lin
Tracy Lin / Assistant

Reviewer :

Rees Zeng
Rees Zeng / Engineer

Approved & Authorized Signer :

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

Alex Deng *Jul-13-2001*
Alex Deng *Authorized Signatures*

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	: MIVO350 (The EUT include mobile unit and base, the mobile unit can be connected to a telephone cable and use alone, and mobile unit can be use together with base, the base is connected to telephone cable, and use RF energy to communicate information with mobile unit. the two mode were tested and were included in this report)
Model Number	: IWT2A / IWT2B / BASE 1
Notebook	: Manufacturer: Compaq M/N: P5985BAA(M-165) S/N: J7DM165P1016
Printer	: Manufacturer: Compaq M/N: IJ600 S/N: IM08DGZ28TYJ Power Cord: Unshielded, Detachable 3.6m Data Cable: Shielded, Detachable 1.8m
Mobile Unit Adaptor	: Manufacturer: CIDCO M/N: A30950 Input: 120V AC 60Hz 9W Output: DC 7V 500Ma 4.5Va
Base Station Adaptor	: Manufacturer: CIDCO M/N: A20730W Input: 120V AC 60Hz 5W Output: DC 7.5V 300Ma
PABX	: Manufacturer: KingDesign M/N: KD8705-A S/N: UU110175483 Power Cord: Shielded, Detachable 1.9m
Applicant	: Inventec Electronics(Nanjing) Co.,Ltd No 100, Xian-He Street, Nanjing. 210006, P.R.China
Manufacturer	: Inventec Electronics(Nanjing) Co.,Ltd No 100, Xian-He Street, Nanjing. 210006, P.R.China
Date of Test	: July. 31 ~ Aug. 28, 2001

1.2. 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
EMC Lab.	:	Certificated by VCCI, Japan Oct. 29, 1998
	:	Certificated by DATech, German Feb. 02, 1999
	:	Certificated by DNV, Norway May 26, 1999
	:	Certificated by NVLAP, USA NVLAP Code: 200372-0
Name of Firm	:	Audix Technology (Shenzhen) Co., Ltd.
Site Location	:	No. 6, Ke Feng Rd., 52 Block, Shenzhen Science & Industrial Park, Nantou, Shenzhen, Guangdong, China

1.3. Measurement Uncertainty

Conduction Uncertainty	=	\pm 2.66dB
Radiation Uncertainty	=	\pm 4.26dB

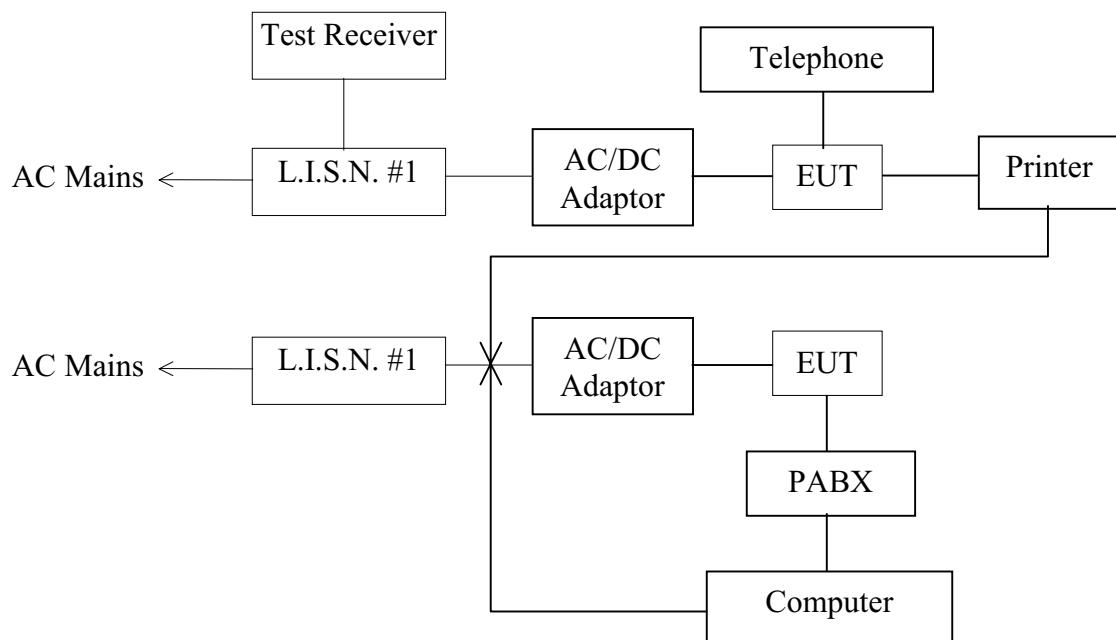
2. POWER LINE CONDUCTED MEASUREMENT

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. #1	Kyoritsu	KNW-407	8-541-4	Jun. 03, 01	1 Year
3.	L.I.S.N. #2	EMCO	3825/2	9006-1660	Jun. 03, 01	1 Year
4.	Terminator	EMCO	50Ω	No. 1	Jun. 03, 01	1 Year
5.	Terminator	EMCO	50Ω	No. 2	Jun. 03, 01	1 Year
6.	RF Cable	FUJIKURA	RG-55/U	LISN Cable	Aug. 26, 01	1/2 Year
7.	Coaxial Switch	Anritsu	MP59B	M73989	Jun. 02, 01	1/2 Year

2.2. Block Diagram of Test Setup



(EUT: MIVO350)

2.3. Power Line Conducted Emission Limit

Frequency 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. EUT Configuration on Test

The following equipments are installed on RF LINE VOLTAGE 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. MIVO350 (EUT)

Model Number : IWT2A / IWT2B / BASE 1
Serial Number : N/A
Manufacturer : Inventec Electronics(Nanjing) Co.,Ltd

2.5. Operating Condition of EUT

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

2.5.2. Turn on the power of all equipment.

2.5.3. Let the EUT work in test mode (On / Printing) and measure it.

2.6. Test Procedure

The EUT is put on the 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 testing equipment; and the peripheral equipment powers form other L.I.S.N.. Please refer to the block diagram of the test setup and photographs. Both sides of AC line(Line & Neutral) are checked for maximum conducted interference. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables must be changed according to FCC part 15 B.

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.

The details of test modes are as the followings, and the test data please see 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 :	July. 31, 2001	Temperature :	27°C
EUT :	MIVO350	Humidity :	71%
Model No. :	IWT2A / IWT2B / BASE 1	Test Mode :	On and Printing
Test Engineer:	Jimmy		

Frequency MHz	Reading		Limit dB(µV)
	Phase VA dB(µV)	Phase VB dB(µV)	
0.450	31.95	31.40	48.00
0.746	32.23	*	48.00
0.805	*	31.83	48.00
0.834	32.22	*	48.00
0.864	*	31.72	48.00
8.015	*	11.94	48.00
8.635	12.86	*	48.00
26.011	20.66	18.07	48.00
29.025	21.37	19.31	48.00

Remark: 1. All readings are Quasi-Peak values.
 2. The worst emission is detected at 0.746 MHz with corrected signal level of 32.23dB(µV) (limit is 48.0 dB(µV)) when the VA side of the EUT is connected to L.I.S.N.

Reviewer: _____

Date of Test :	July. 31, 2001	Temperature :	27°C
EUT :	MIVO350	Humidity :	71%
Model No. :	IWT2A / IWT2B / BASE 1B	Test Mode :	On and Printing
Test Engineer:	Jimmy		

Frequency MHz	Reading		Limit dB(µV)
	Phase VA dB(µV)	Phase VB dB(µV)	
0.450	*	30.78	48.00
0.480	32.05	*	48.00
0.834	33.04	31.34	48.00
4.055	32.37	30.40	48.00
5.858	21.62	*	48.00
6.094	22.67	*	48.00
6.242	*	20.58	48.00
8.458	*	19.69	48.00
10.763	*	27.08	48.00
29.025	22.78	*	48.00

Remark: 1. All readings are Quasi-Peak values.
 2. The worst emission is detected at 0.834 MHz with corrected signal level of 33.04dB(µV) (limit is 48.0 dB(µV)) when the VA side of the EUT is connected to L.I.S.N.

Reviewer: _____

Date of Test : July. 31, 2001 Temperature : 27°C
 EUT : MIVO350 Humidity : 71%
 Model No. : BASE 1 Test Mode : On and Printing
 Test Engineer: Jimmy

Frequency MHz	Reading		Limit dB(μV)
	Phase VA dB(μV)	Phase VB dB(μV)	
0.509	*	33.44	48.00
0.539	29.66	*	48.00
0.568	29.66	*	48.00
0.805	28.29	27.83	48.00
1.041	25.41	*	48.00
1.337	*	24.84	48.00
1.662	*	18.11	48.00
7.010	21.49	*	48.00
8.547	*	24.93	48.00
9.020	21.89	*	48.00
9.167	*	26.31	48.00

Remark: 1. All readings are Quasi-Peak values.
 2. The worst emission is detected at 0.509 MHz with corrected signal level of 33.44dB(μV) (limit is 48.0 dB(μV)) when the VB side of the EUT is connected to L.I.S.N.

Reviewer: _____

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

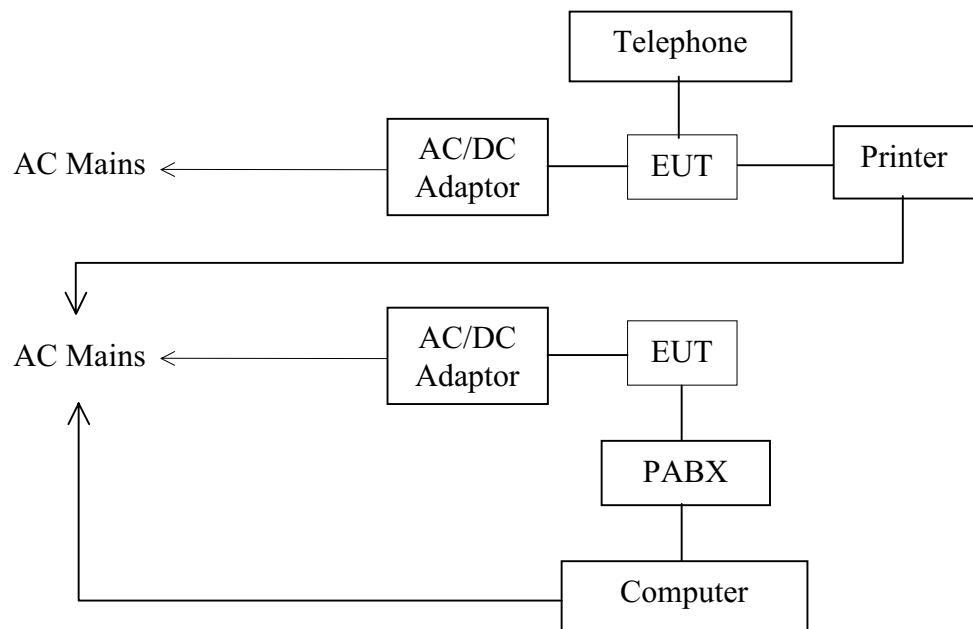
The following test equipments are used during the radiated emission measurement:

3.1.1. For Chamber #3

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	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	Sep. 26, 00	1 Year
5.	Computer	N/A	N/A	N/A	N/A	N/A
6.	Printer	NEC	P3800	568101448	N/A	N/A
7.	Coaxial Switch	Anritsu	MP59B	M20531	Jun. 03, 01	1 Year
8.	FR Cable	MIYAZAKI	5D-2W	3# Chamber No.1	Aug. 26, 01	1/2 Year
9.	FR Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Aug. 26, 01	1/2 Year
10.	FR Cable	FUJIKURA	RG-55/U	3# Chamber No.3	Aug. 26, 01	1/2 Year
11.	FR Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Aug. 26, 01	1/2 Year

3.2. Block Diagram of Test Setup

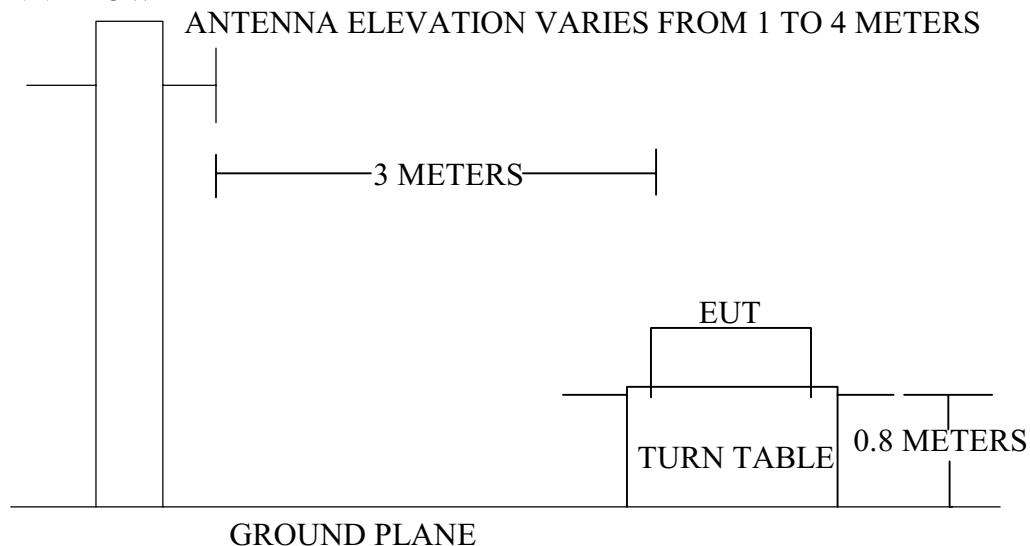
3.2.1. diagram of connection between the EUT and simulators



(EUT: MIVO350)

3.2.2. Chamber # 3 Test Setup Diagram

ANTENNA TOWER



3.3. Radiated Emission Limit (Class B)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μ V/m	dB(μ V)/m
Fundamental Frequency	3	50×10^3	94.0
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0

- Remark :
- (1) Emission level (dB) μ V = 20 log Emission level μ V/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 Measurement

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

3.4.1. MIVO350 (EUT)

Model Number : IWT2A / IWT2B / BASE 1
 Serial Number : N/A
 Manufacturer : Inventec Electronics(Nanjing) Co.,Ltd

3.5. Operating Condition of EUT

1. Setup the EUT as shown in Section 3.2.
2. Let the the EUT work in test mode (On / Printing) and measure it.

3.6. Test Procedure

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. EUT is set 3.0 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1.0 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 are set on measurement. 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 measurement.

The bandwidth of the EMI test receiver (R&S ESVS20) is set at 120KHz in the 30-1000MHz and 1MHz had been set in above 10000MHz Range.

The frequency range from 30MHz to 10000MHz is checked.

The test mode (On / Printing) is tested in Anechoic Chamber and all the scanning waveforms are attached in Appendix II.

3.7. Radiated Emission Noise Measurement Result

PASS.

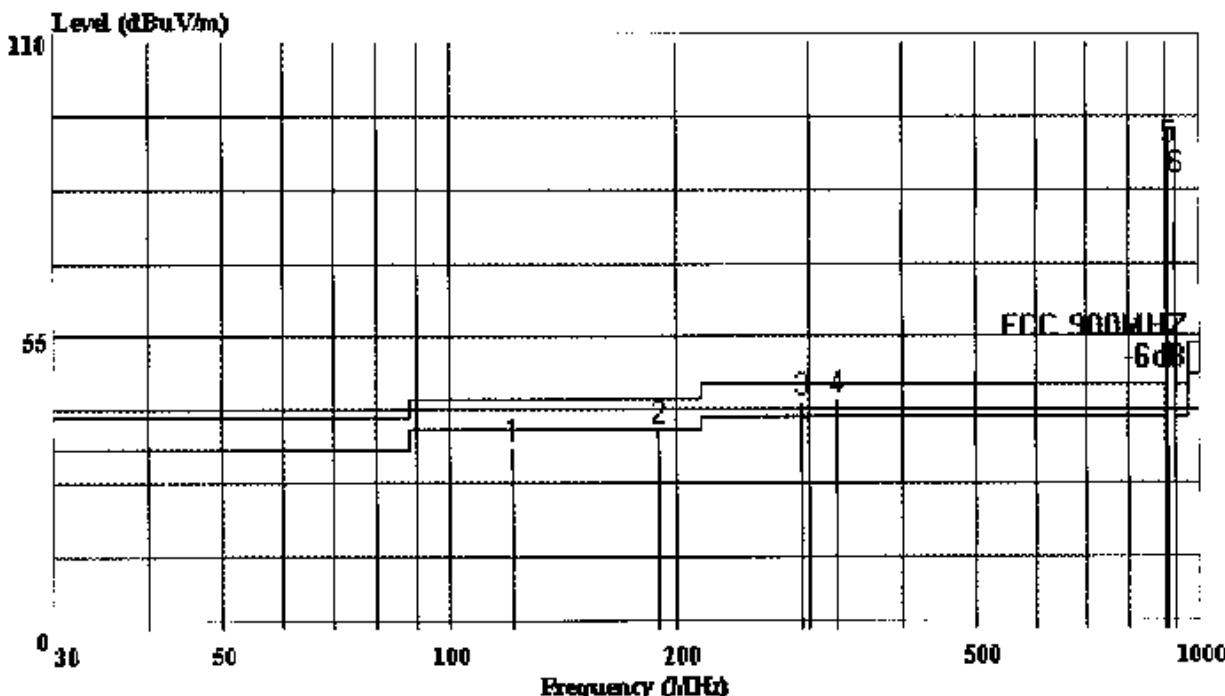
The frequency range from 30MHz to 10000MHz is investigated.
Please see the following pages.



Shenzhen Science & Ind. Park.
Tel: 0755-6639495~7
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Data#: 136 File#: Mivo350.EMI

Date: 2001-07-31 Time: 12:07:01



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

Trace:

Ref Trace:

Condition: FCC 900MHZ 3m 2176FACTOR HORIZONTAL

EUT: : Mivo350

M/N: : TWT2A

Power: : AC 120V/60Hz

Test Engineer: : Chris Du

Memo: : Wireless modem on and Printing

: Mobile: DC 7V Adaptor input 120V/60Hz

: Base: DC 7.5V Adaptor input 120V/60Hz

Page: 1

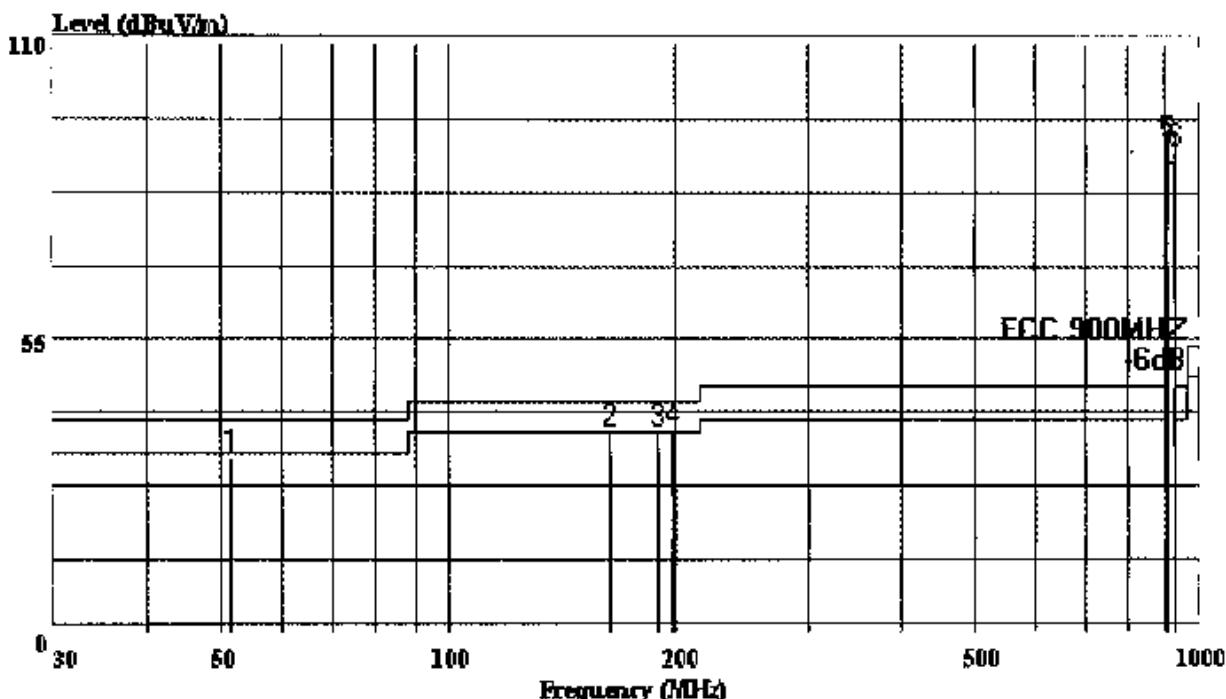
Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Probe Factor	Preamp Factor
		Line	dB					
		MHz	dBuV/m		dB	dBuV	dB	dB
1	120.871	34.06	43.50	-9.44	18.65	0.00	15.41	15.41
2	189.948	37.70	43.50	-5.80	24.01	0.00	13.69	13.69
3	293.550	43.02	46.00	-2.98	25.12	0.00	17.90	17.90
4	328.080	43.25	46.00	-2.75	23.74	0.00	19.50	19.50
5	904.008	89.88	94.00	-4.12	63.29	0.00	26.59	26.59
6	926.514	84.34	94.00	-9.66	57.57	0.00	26.77	26.77



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Data# 144 File#: Mivo350.FMT

Date: 2001-07-31 Time: 12:17:56



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

Trace:

Ref Trace:

Condition: FCC 900MHZ 3m 2176FACTOR VERTICAL

EUT: : Mivo350

M/N: : IWT2A

Power: : 120V/60Hz

Test Engineer: Chris Du

Memo: : Wireless modem on and Printing

: Mobile: DC 7V Adaptor input 120V/60Hz

: Base: DC 7.5V Adaptor input 120V/60Hz

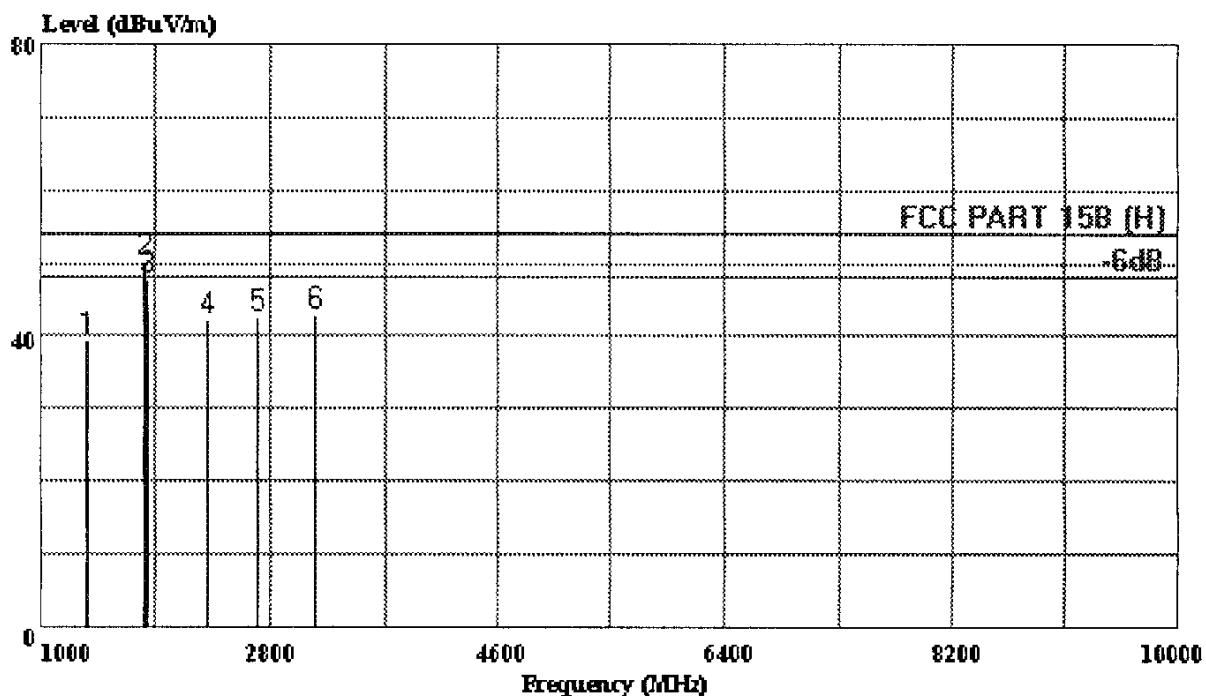
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Freq	Level	T.Limit		Over Limit	Read Level	Cable Loss	Probe Factor	Proamp Factor	
		Line	dBuV/m						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB	dB	
1	51.340	32.65	40.00	-7.35	17.66	1.62	13.36	14.99	0.00
2	162.890	37.76	43.50	-5.74	18.97	3.35	15.44	18.79	0.00
3	189.080	37.44	43.50	-6.06	18.90	3.58	14.95	18.54	0.00
4	198.780	38.04	43.50	-5.46	18.97	3.66	15.41	19.07	0.00
5	904.010	91.43	94.00	-2.57	59.03	5.95	26.45	32.40	0.00
6	926.518	90.20	94.00	-3.80	57.23	5.98	26.98	32.97	0.00



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Data#: 77 File#: Inventec.emi Date: 2001-09-12 Time: 14:03:24



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (OPEN SITE)

Trace:

Ref Trace:

Condition: FCC PART 15B (H) 3m 3115FACTOR HORIZONTAL

EUT: : MIVO350

M/N: : IWT2A

Power: : 120V/60Hz

Memo: : Wireless Modem On and Printing

Test Engineer: Jimmy

Page: 1

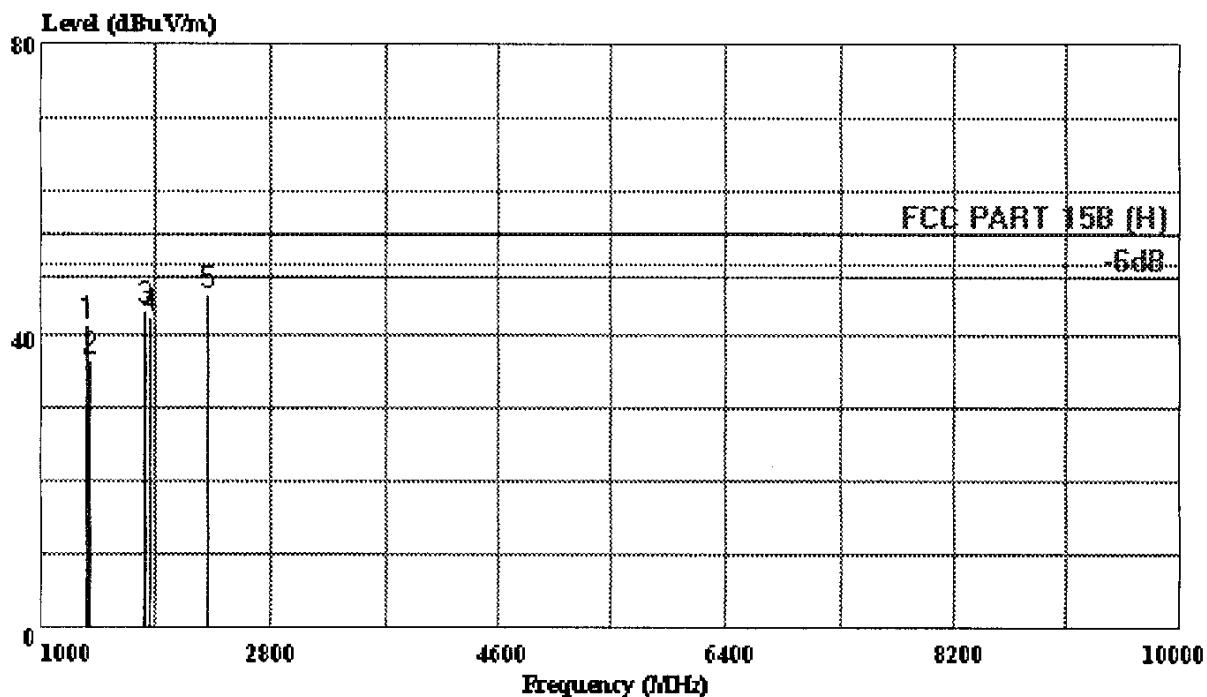
Freq	Level	Limit	Over	Read	Probe	Cable	Remark
		Line	Limit	Level	Factor	Loss	
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB
1	1350.911	39.64	54.00	-14.36	45.11	26.19	3.77 -5.47 Peak
2	1804.241	50.35	54.00	-3.65	52.48	28.34	4.74 -2.13 Peak
3	1826.068	47.87	54.00	-6.13	49.86	28.44	4.77 -1.99 Peak
4	2307.941	42.18	54.00	-11.82	41.80	29.85	5.55 0.38 Peak
5	2708.284	42.62	54.00	-11.38	40.64	30.81	6.07 1.98 Peak
6	3147.544	42.88	54.00	-11.12	39.17	31.94	6.56 3.71 Peak



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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Data#: 76 File#: Inventec.emi Date: 2001-09-12 Time: 14:02:32



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (OPEN SITE)

Trace:

Ref Trace:

Condition: FCC PART 15B (H) 3m 3115FACTOR VERTICAL

EUT: : MIVO350

M/N: : IWT2A

Power: : 120V/60Hz

Memo: : Wireless Modem On and Printing

Test Engineer:: Jimmy

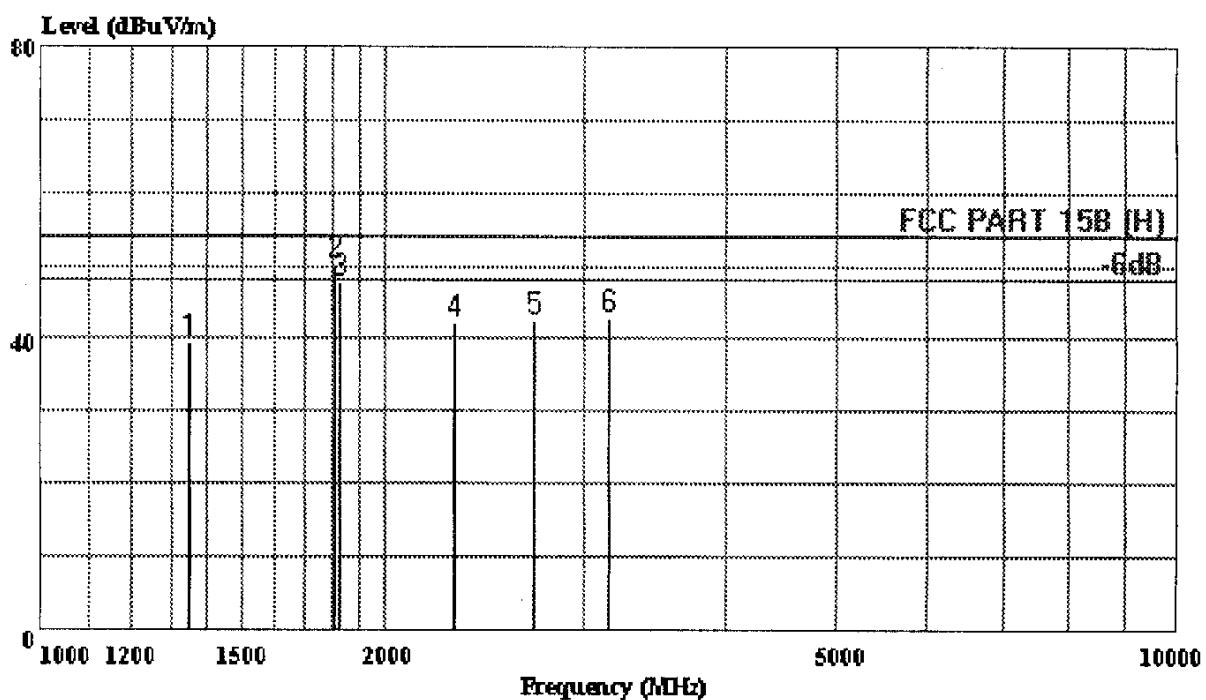
Page: 1

Freq	Level	Limit		Over Limit	Read Level	Probe Factor	Cable Loss		Factor	Remark
		MHz	dBuV/m	dBuV/m	dB	dB	dB	dB		
1	1350.911	41.45	54.00	-12.55	46.87	26.21	3.79	-5.42	Peak	
2	1384.491	36.68	54.00	-17.32	41.96	26.25	3.87	-5.28	Peak	
3	1804.241	43.58	54.00	-10.42	45.69	28.35	4.74	-2.11	Peak	
4	1846.216	42.55	54.00	-11.45	44.31	28.61	4.82	-1.76	Peak	
5	2307.941	45.80	54.00	-8.20	45.40	29.86	5.55	0.39	Peak	



Shenzhen Science & Ind Park
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Data#: 80 File#: Inventec.emi Date: 2001-07-31 Time: 15:25:09



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

Trace:

Ref Trace:

Condition: FCC PART 15B (H) 3m 3115FACTOR HORIZONTAL

EUT: : MIVO350

M/N: : IWT2A

Power: : 120V/60Hz

Memo: : Wireless Modem On and Printing

Test Engineer: Jimmy

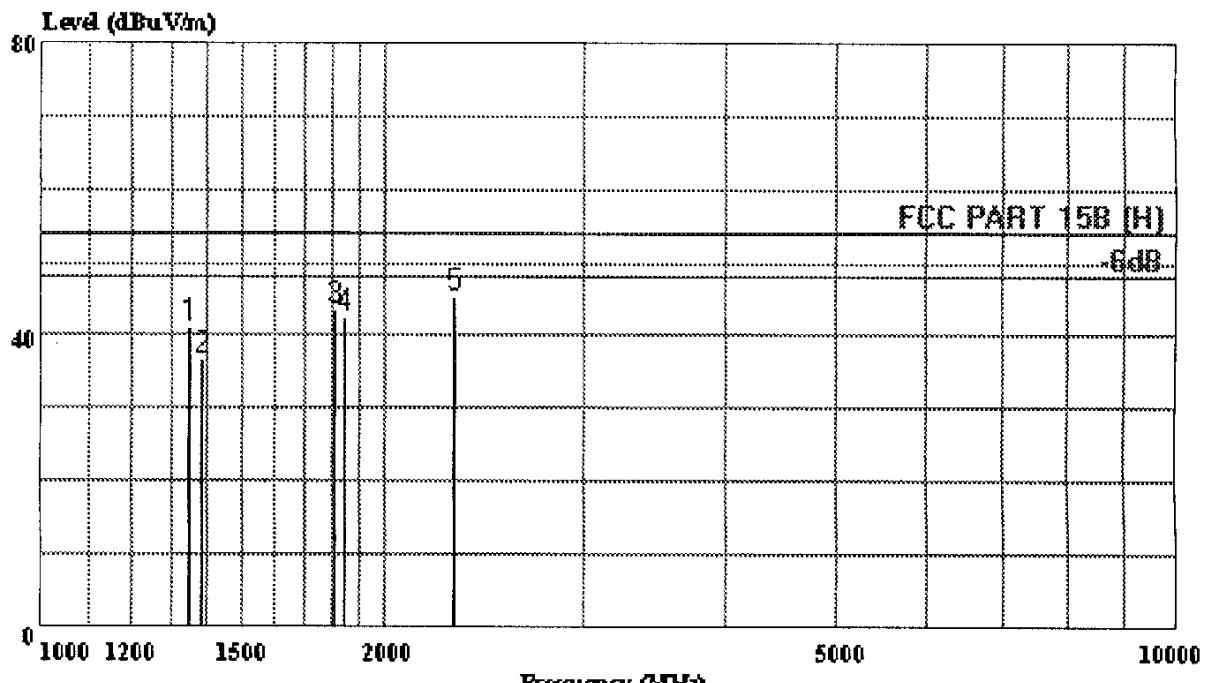
Page: 1

Freq	Level	Limit	Over	Read	Probe	Cable	Remark
		Line	Limit	Level	Factor	Loss	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	1350.911	39.60	54.00	-14.40	45.02	26.21	3.79 -5.42 Averag
2	1804.240	50.35	54.00	-3.65	52.47	28.34	4.74 -2.12 Averag
3	1826.068	47.87	54.00	-6.13	49.82	28.47	4.78 -1.95 Averag
4	2307.940	42.20	54.00	-11.80	41.82	29.86	5.55 0.38 Averag
5	2708.284	42.60	54.00	-11.40	40.61	30.82	6.07 1.99 Averag
6	3147.540	42.90	54.00	-11.10	39.19	31.94	6.56 3.71 Averag



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

Trace:

Ref Trace:

Condition: FCC PART 15B (H) 3m 3115FACTOR VERTICAL

EUT: : MIVO350

M/N: : IWT2A

Power: : 120V/60Hz

Memo: : Wireless Modem On and Printing

Test Engineer:: Jimmy

Page: 1

Freq	Level	Limit	Over	Read	Probe	Cable	Remark
		Line	Limit	Level	Factor	Loss	
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB
1	1350.920	41.35	54.00	-12.65	46.77	26.21	3.79 -5.42 Averag
2	1384.490	36.54	54.00	-17.46	41.82	26.25	3.87 -5.28 Averag
3	1804.231	43.55	54.00	-10.45	45.67	28.34	4.74 -2.12 Averag
4	1846.220	42.53	54.00	-11.47	44.31	28.59	4.81 -1.78 Averag
5	2307.940	45.20	54.00	-8.80	44.82	29.86	5.55 0.38 Averag

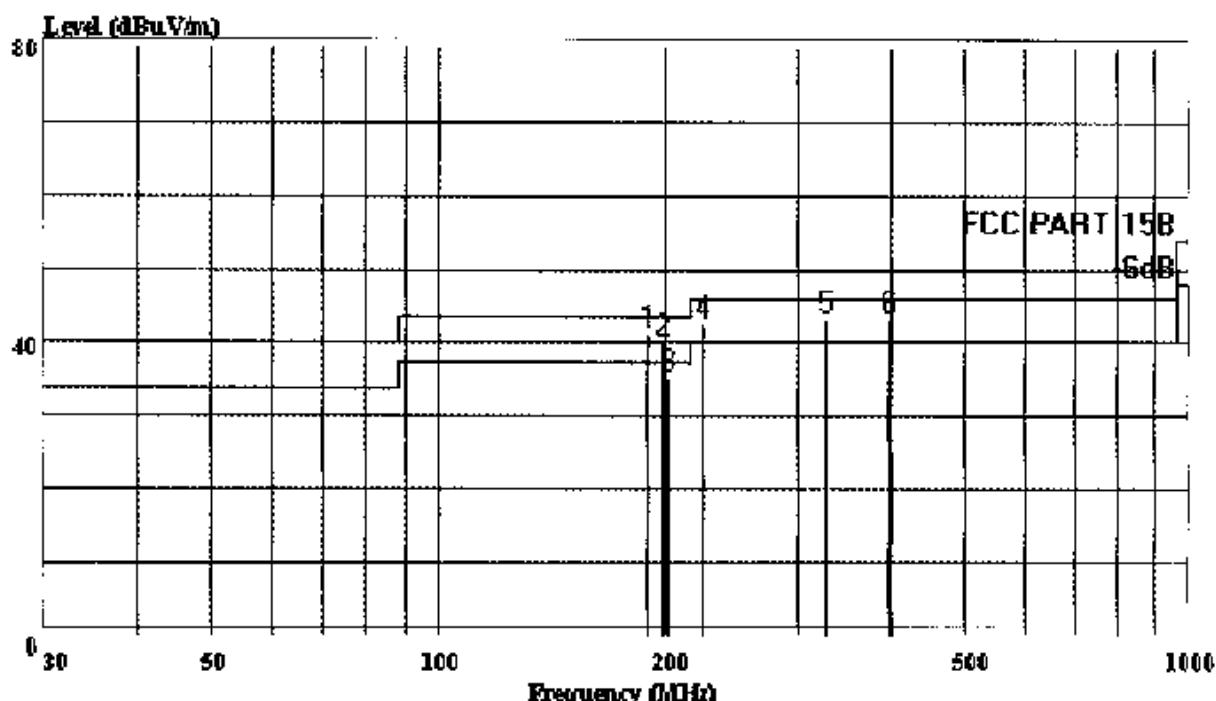


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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

Data#: 134 File#: Mivo350.EMI

Date: 2001-07-31 Time: 11:24:57

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

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2176FACTOR HORIZONTAL

EUT: : Mivo350

M/N: : IWT2B

Power: : DC 7V Adaptor Input 120V/60Hz

Test Engineer: Chris Du

Memo: : Wired modem on and Printing

Page: 1

Freq	Level	T.Limit		Over Limit	Read Level	Cable Loss	Probe Factor		Preamp Factor
		MHz	dBuV/m				dB	dBuV	
1 !	189.946	41.07	43.50	-2.43	27.38	0.00	13.69	13.69	0.00
2 !	197.621	40.31	43.50	-3.19	26.66	0.00	13.65	13.65	0.00
3	201.611	35.43	43.50	-8.07	21.75	0.00	13.68	13.68	0.00
4 !	224.473	42.73	46.00	-3.27	28.23	0.00	14.51	14.51	0.00
5 !	328.038	43.25	46.00	-2.75	23.74	0.00	19.50	19.50	0.00
6 !	397.125	43.35	46.00	-2.65	21.54	0.00	21.81	21.81	0.00

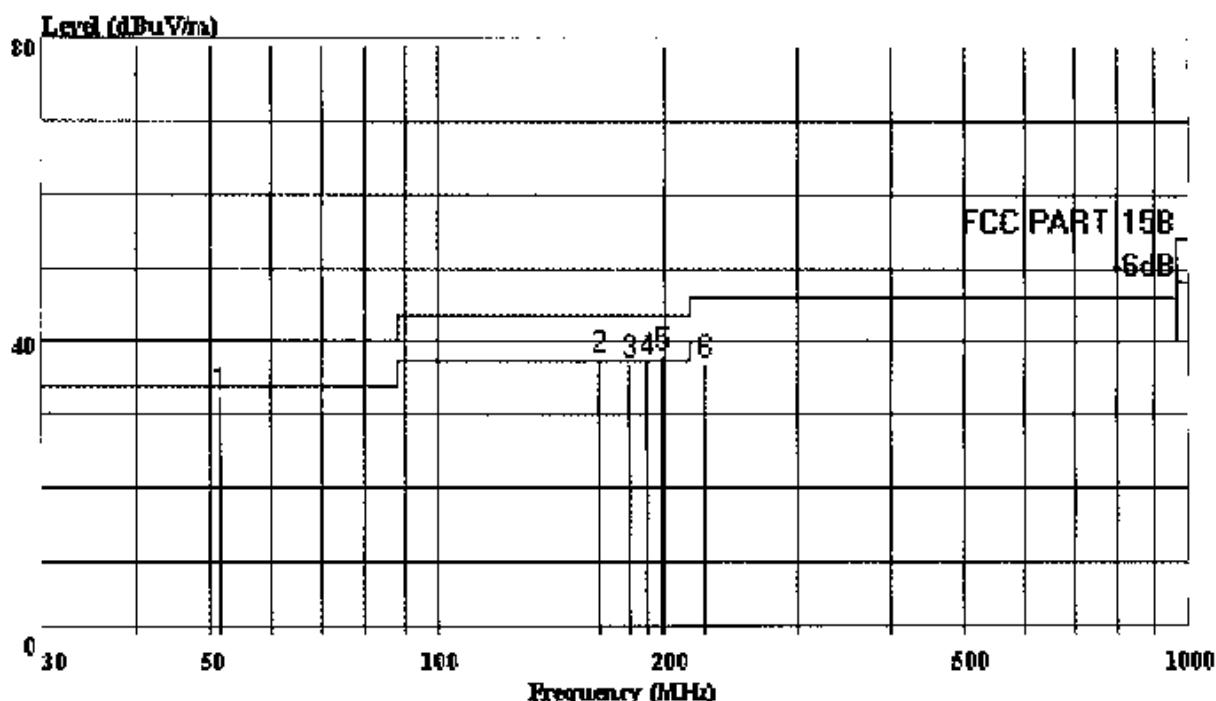


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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

Data#: 143 File#: Mivo350.EMI

Date: 2001-07-31 Time: 12:05:35



Condition: FCC PART 15B 3m 2176FACTOR VERTICAL
 EUT: : Mivo350
 M/N: : IWT2B
 Power: : DC 7V Adaptor Input 120V/60Hz
 Test Engineer: Chris Du
 Memo: : Wired modem on and Printing

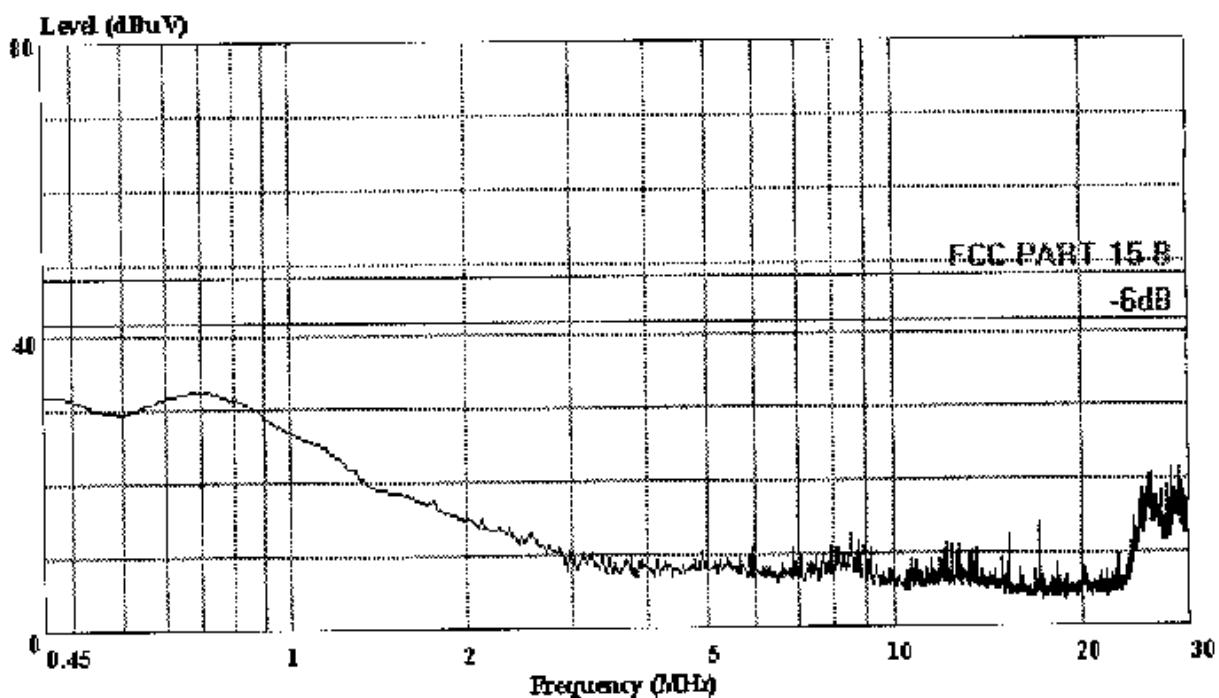
Freq	Level	Tlimit		Over Limit	Read Level	Cable Loss	Probe Factor	Preamp Factor		Page: 1
		Line	Time					dB	dB	
MHz	dBuV/m	dBuV/m								
1	51.340	32.65	40.00	-7.35	17.66	1.62	13.36	14.99	0.00	
2 !	162.890	37.76	43.50	-5.74	18.97	3.35	15.44	18.79	0.00	
3	179.380	36.95	43.50	-6.55	19.02	3.50	14.43	17.93	0.00	
4	189.080	37.44	43.50	-6.06	18.90	3.58	14.95	18.54	0.00	
5 !	198.780	38.04	43.50	-5.46	18.97	3.66	15.41	19.07	0.00	
6	225.940	36.92	46.00	-9.08	16.03	3.85	17.04	20.89	0.00	

APPENDIX I



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

Data#: 22 File#: inventec.EMI Date: 2001-07-31 Time: 14:20:15



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

Trace:

Ref Trace:

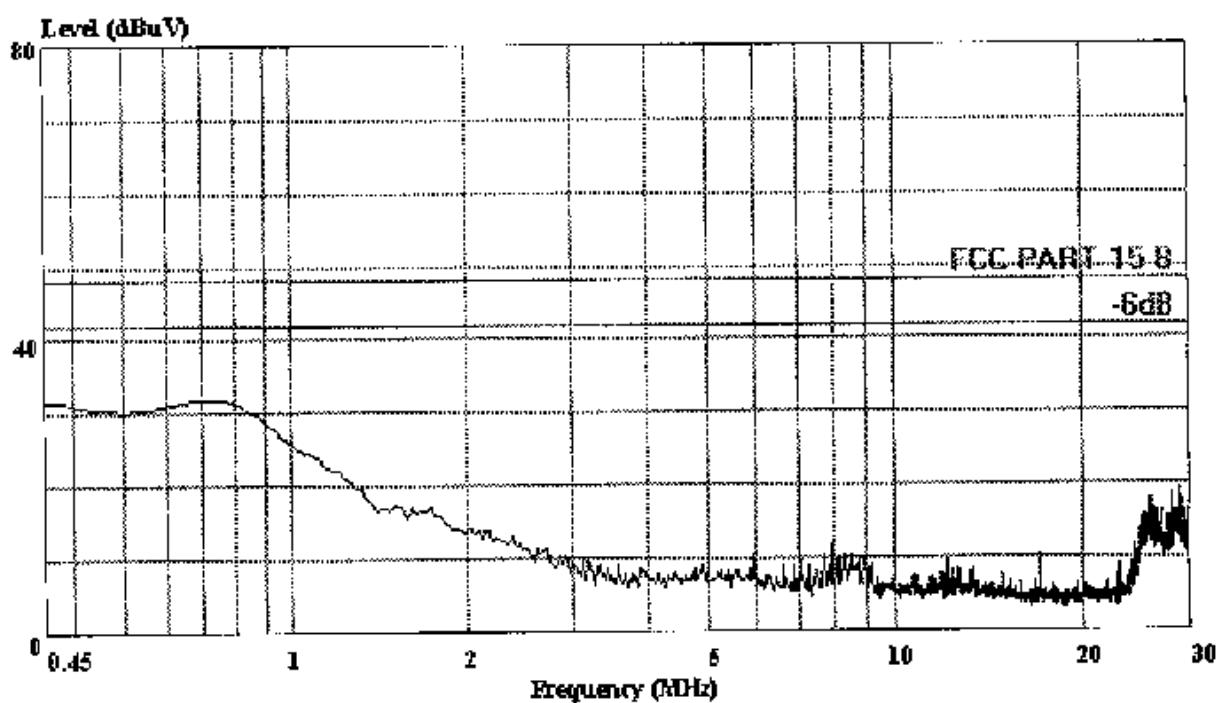
Condition: FCC PART 15 B
 Eut: : MTV0350 M/N: IWT2A
 Manuf: : Inventec
 OP Cond: : Wireless modem on and Printing
 Operator: : Ling
 Test Spec:: DC7V Adaptor Input 120V/60Hz Va
 Comment: : Temp:27'C
 : Humi:71%



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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

Data#: 21 File#: inventec.EMI Date: 2001-07-31 Time: 14:14:18



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

Trace:

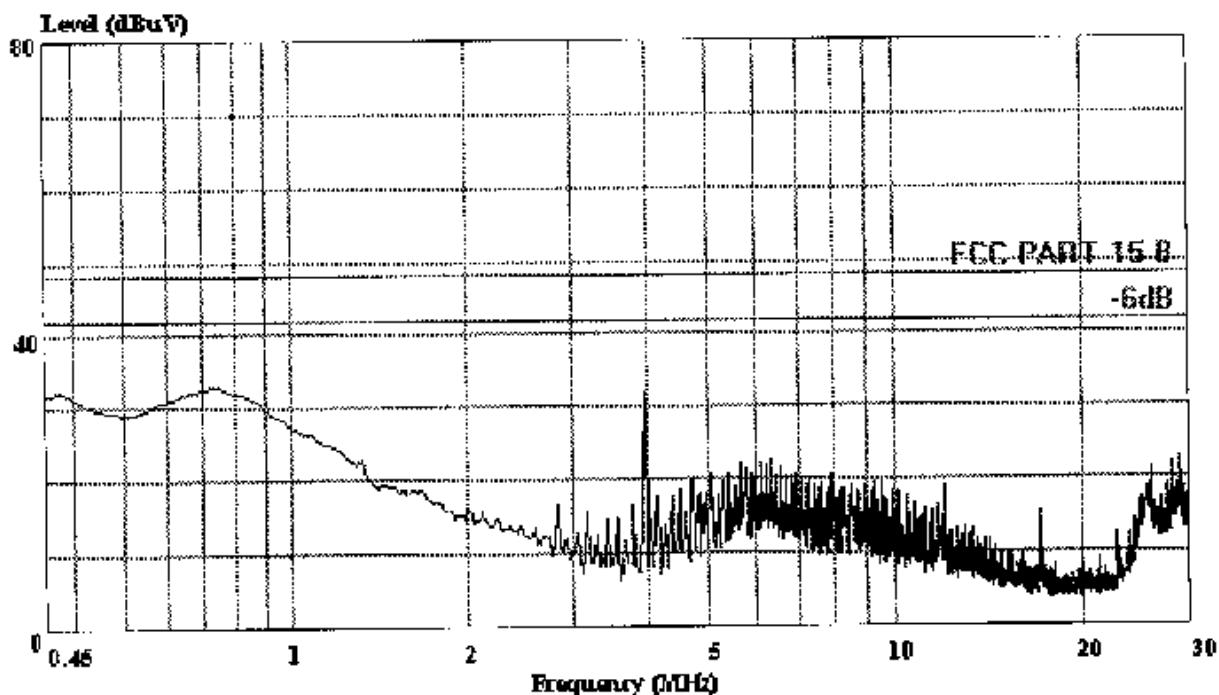
Ref Trace:

Condition: FCC PART 15 B
 Ent: : MIVO350 M/N:IWT2A
 Manuf: : Inventec
 OP Cond: : Wireless modem on and Printing
 Operator: : Ling
 Test Spec:: DC7V Adaptor Input 120V/60Hz Vb
 Comment: : Temp:27'C
 : Humi:71%



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

Data#: 19 File#: inventec.EMI Date: 2001-07-31 Time: 13:57:13



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

Trace:

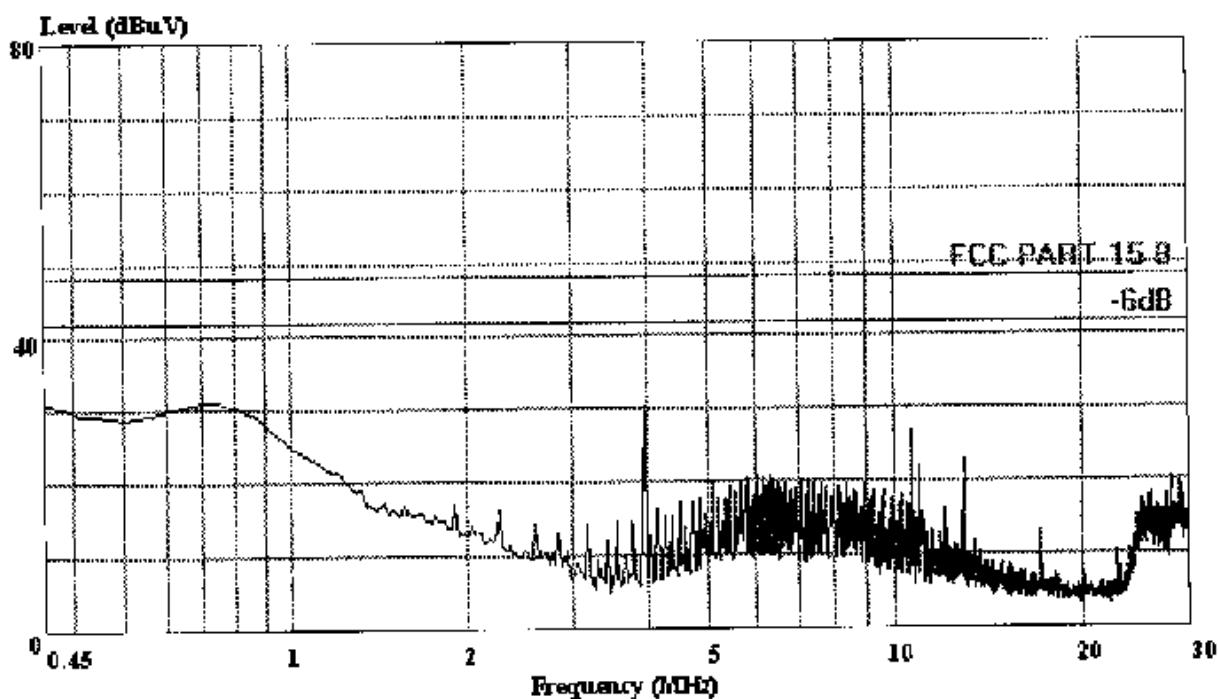
Ref Trace:

Condition: FCC PART 15 B
 Eut: : MIVO350 M/N: IWT2B
 Manuf: : Inventec
 OP Cond: : Wired modem on and Printing
 Operator: : Ling
 Test Spec:: DC7V Adaptor Input 120V/60Hz Va
 Comment: : Temp:27'C
 : Humi:71%



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

Data#: 20 File#: inventec.EMI Date: 2001-07-31 Time: 14:03:17



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

Trace:

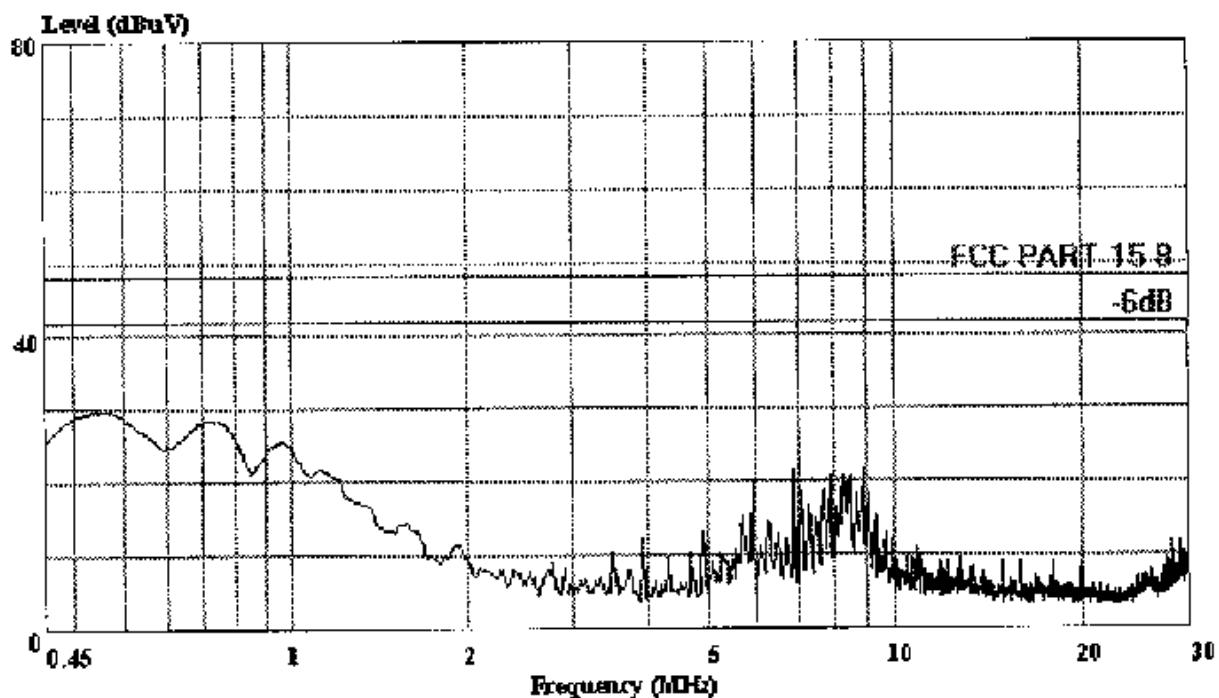
Ref Trace:

Condition: FCC PART 15 B
 Ent: : MIVO350 M/N:IWT2B
 Manuf: : Inventec
 OP Cond: : Wired modem on and Printing
 Operator: : Ling
 Test Spec:: DC7V Adaptor Input 120V/60Hz Vb
 Comment: : Temp:27'C
 : Humi:71%



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

Data#: 23 File#: inventec.EMI Date: 2001-07-31 Time: 14:31:19



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

Trace:

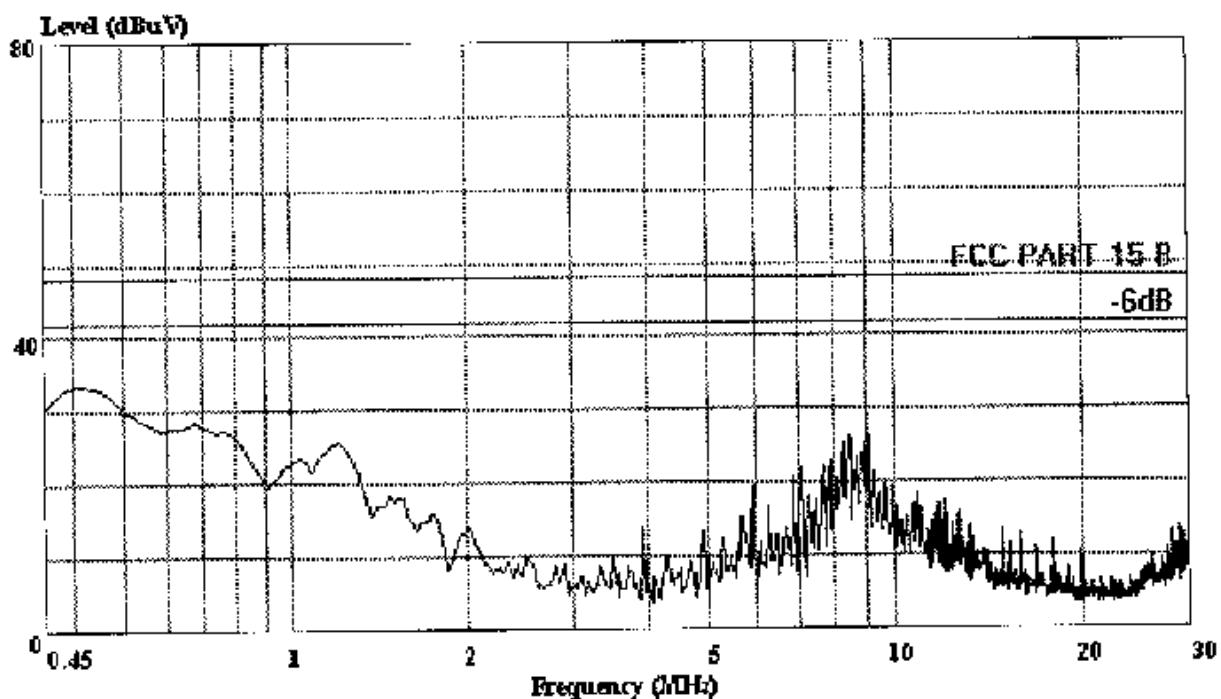
Ref Trace:

Condition: FCC PART 15 B
 Ent: : MIVO350 M/N:Base
 Manuf: : Invented
 OP Cond: : Wireless modem on and Printing
 Operator: : Ling
 Test Spec:: DC7.5V Adaptor Input 120V/60Hz Va
 Comment: : Temp:27'C
 : Humi:71%



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

Data# : 24 File# : inventec.EMI Date: 2001-07-31 Time: 14:37:11



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

Trace:

Ref Trace:

Condition: FCC PART 15 B
 Eut: : MIVO350 M/N:Base
 Manuf: : Inventec
 OP Cond: : Wireless modem on and Printing
 Operator: : Ling
 Test Spec:: DC9V Adaptor Input 120V/60Hz Vb
 Comment: : Temp:27'C
 : Humi:71%

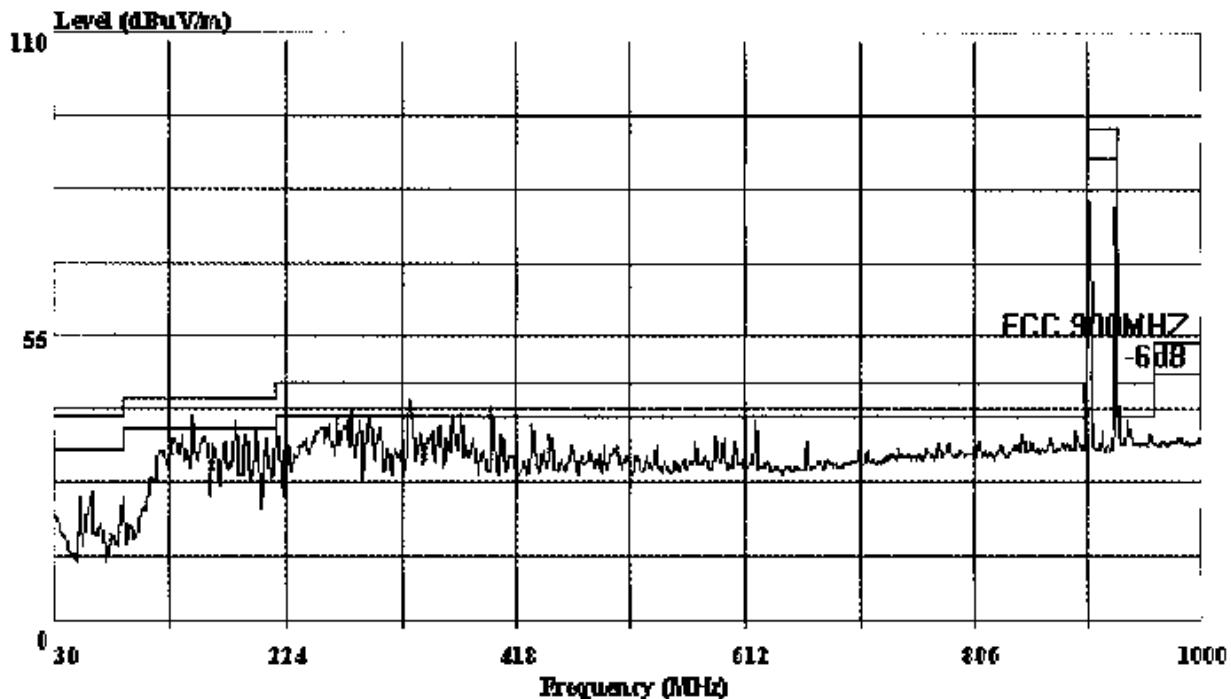
APPENDIX II



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

Data#: 137 File#: Mivo350.EMI

Date: 2001-07-31 Time: 12:03:59



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

Trace:

Ref Trace:

Condition: FCC 900MHz 3m 2176FACTOR HORIZONTAL

EUT: : Mivo350

M/N: : TWT2A

Power: : 120V/60Hz

Test Engineer: : Chris Du

Memo: : Wireless modem on and Printing

: Mobile: DC 7V Adaptor input 120V/60Hz

: Base: DC 7.5V Adaptor input 120V/60Hz

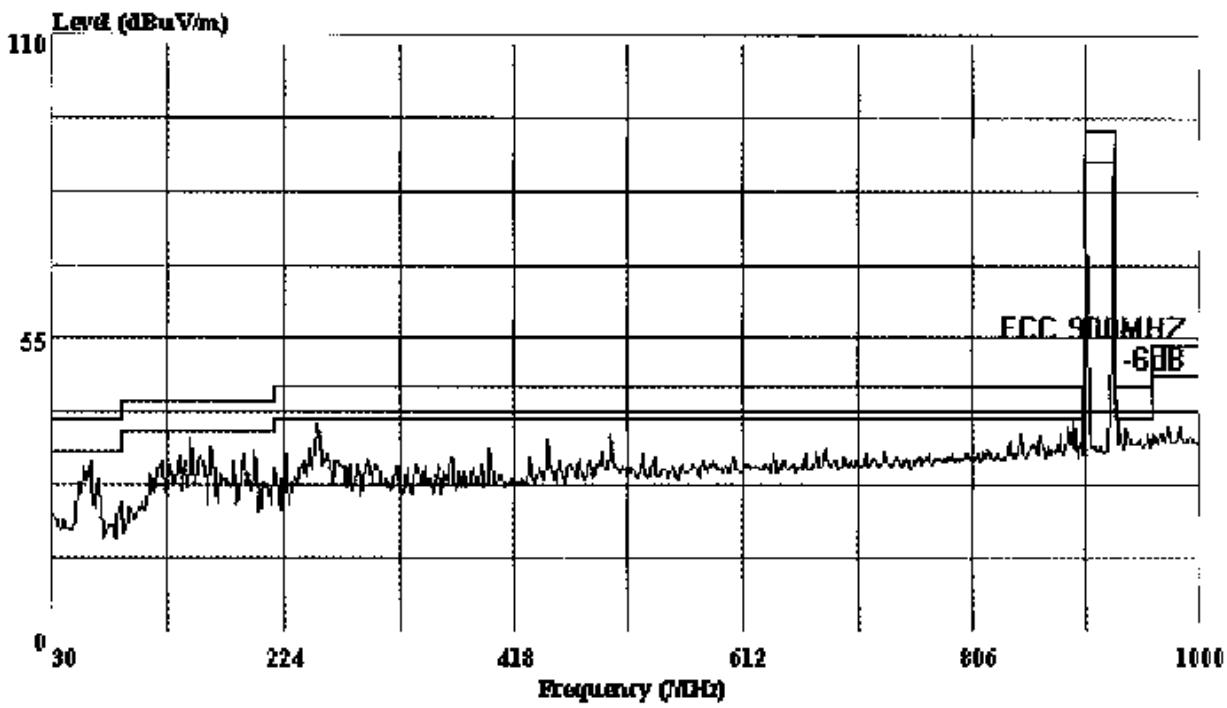


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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

Data#: 139 File#: Mivo350.EMI

Date: 2001-07-31 Time: 12:16:31



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

Trace:

Ref Trace:

Condition: FCC 900MHZ 3m 2176FACTOR VERTICAL

EUT: : Mivo350

M/N: : IWT2A

Power: : AC 120V/60Hz

Test Engineer: : Chris Du

Memo: : Wireless modem on and Printing

: Mobile: DC 7V Adaptor input 120V/60Hz

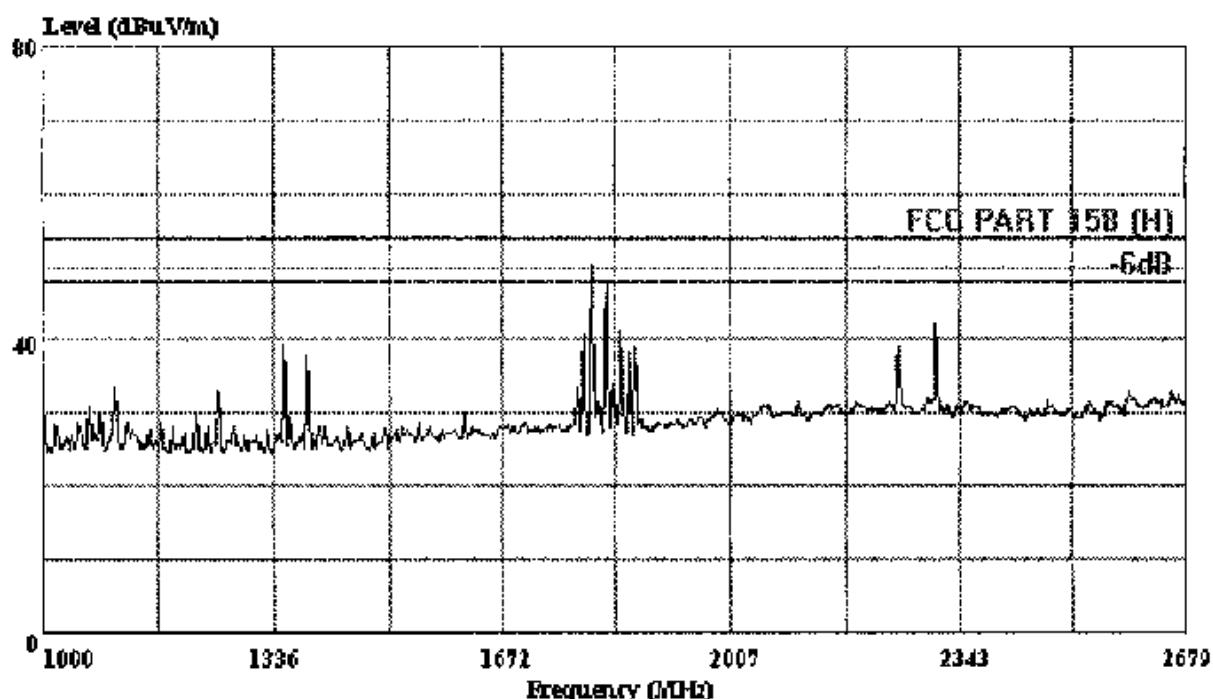
: Base: DC 7.5V Adaptor input 120V/60Hz



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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

Data#: 70 File#: Inventec.emi Date: 2001-07-31 Time: 15:02:50



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (OPEN SITE)

Trace:

Ref Trace:

Condition: FCC PART 15B (H) 3m 3115FACTOR HORIZONTAL

EUT: : MIVO350

M/N: : IWT2A

Power: : 120V/60Hz

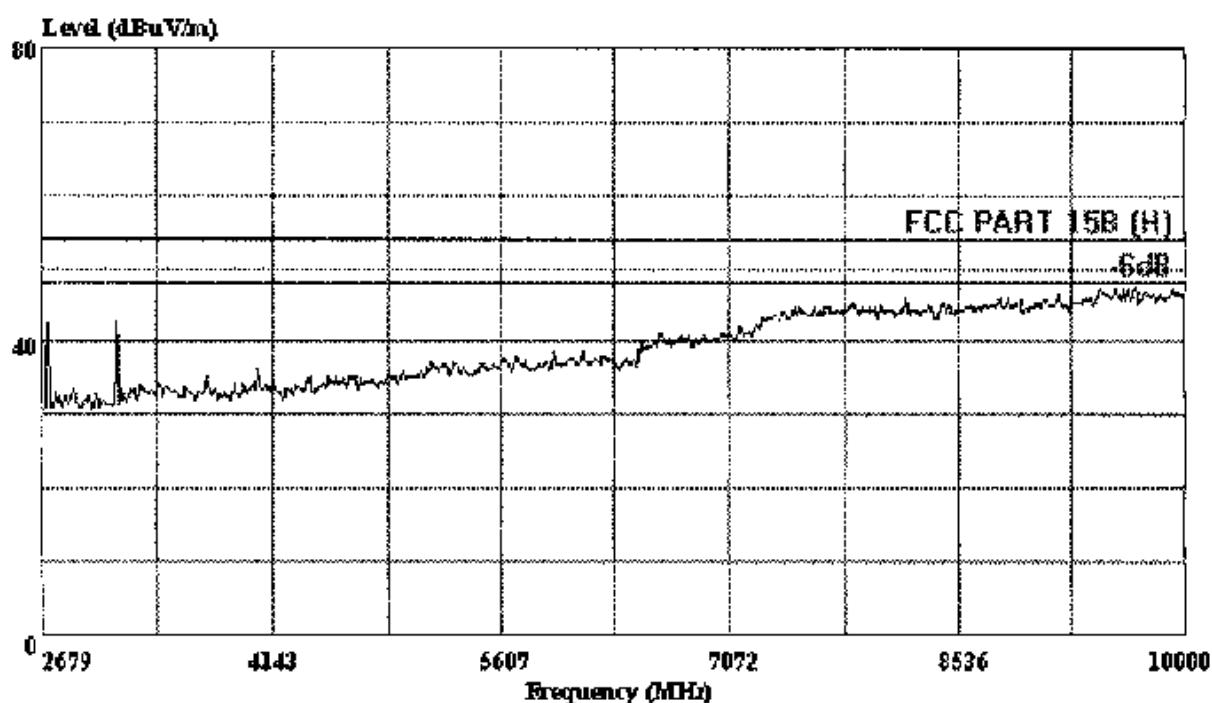
Memo: : Wireless Modem On and Printing

Test Engineer: Jimmy



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

Data#: 69 File#: Inventec.emi Date: 2001-07-31 Time: 15:01:11



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (OPEN SITE)

Trace:

Ref Trace:

Condition: FCC PART 15B (H) 3m 3115FACTOR HORIZONTAL

EUT: : MIVO350

M/N: : IWT2A

Power: : 120V/60Hz

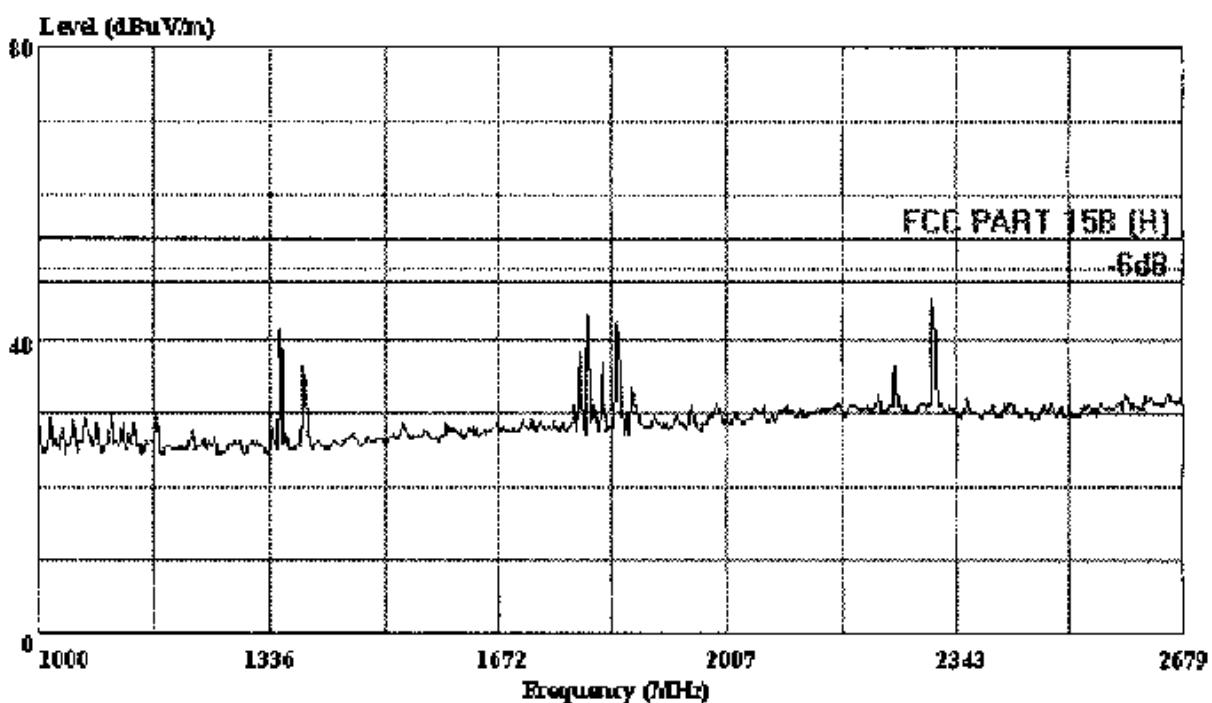
Memo: : Wireless Modem On and Printing

Test Engineer: Jimmy



Shenzhen Science & Ind Park
Nantou, Guangdong, China
Tel: 0755-6639495~7
Fax: 0755-6632677

Data#: 67 File#: Inventec.emi Date: 2001-07-31 Time: 14:57:34



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (OPEN SITE)

Trace:

Ref Trace:

Condition: FCC PART 15B (H) 3m 3115FACTOR VERTICAL
 EUT: : MIVO350
 M/N: : IWT2A
 Power: : 120V/60Hz
 Memo: : Wireless Modem On and Printing
 Test Engineer: Jimmy

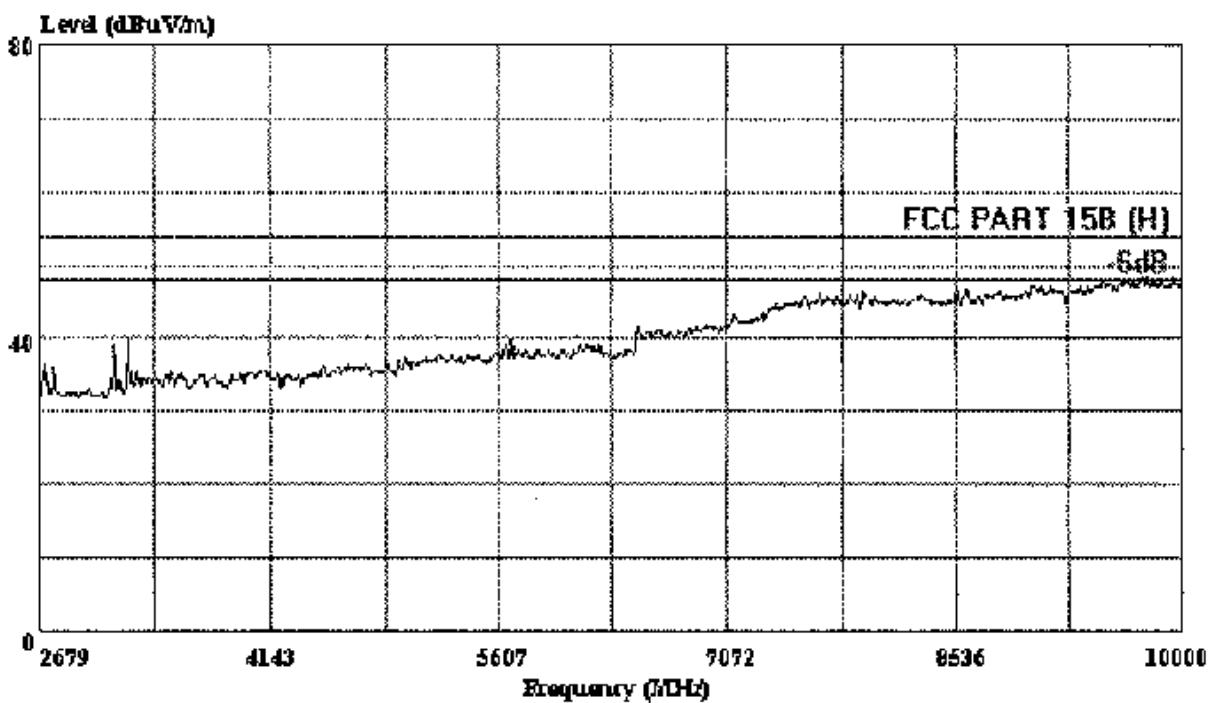


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

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

Data#: 68 File#: Inventec.emf

Date: 2001-07-31 Time: 14:59:40



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (OPEN SITE)

Trace:

Ref Trace:

Condition: FCC PART 15B (H) 3m 3115FACTOR VERTICAL

EUT: : MIVO350

M/N: : IWT2A

Power: : 120V/60Hz

Memo: : Wireless Modem On and Printing

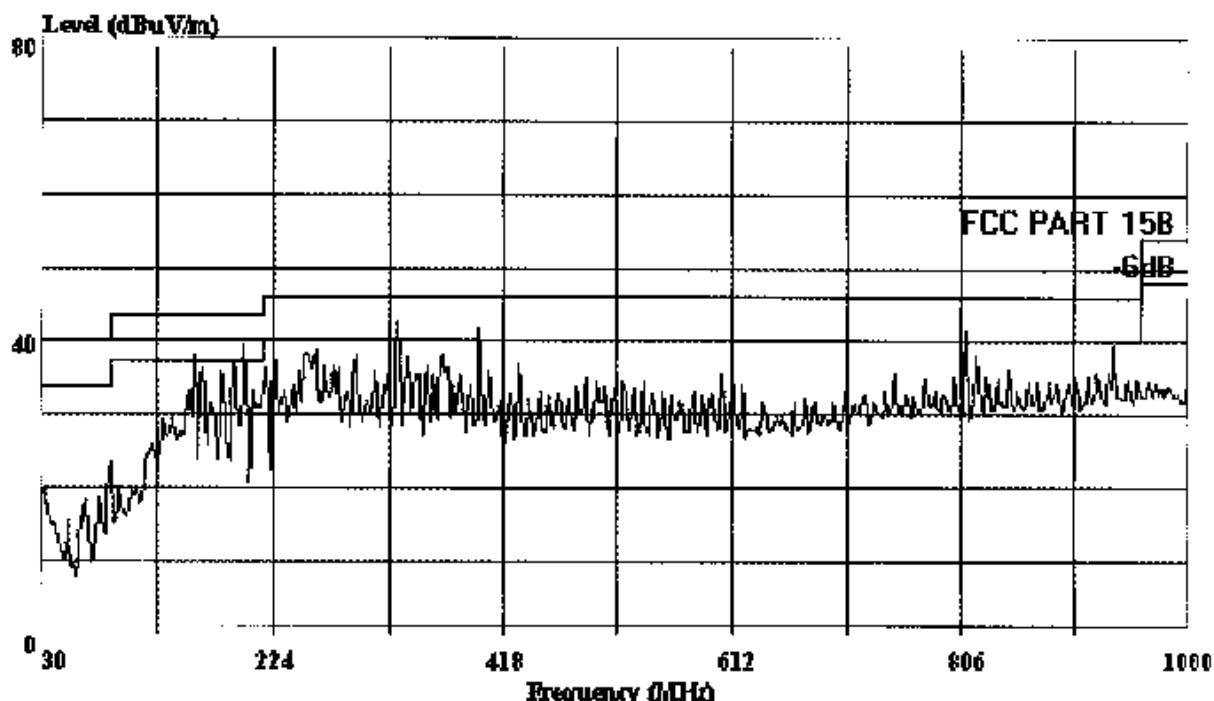
Test Engineer: Jimmy



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

Data#: 133 File#: Mivo350.EMI

Date: 2001-07-31 Time: 11:23:24



Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2176FACTOR HORIZONTAL

EUT: : Mivo350

M/N: : TWT2R

Power: : DC 7V Adaptor Input 120V/60Hz

Test Engineer: Chris Du

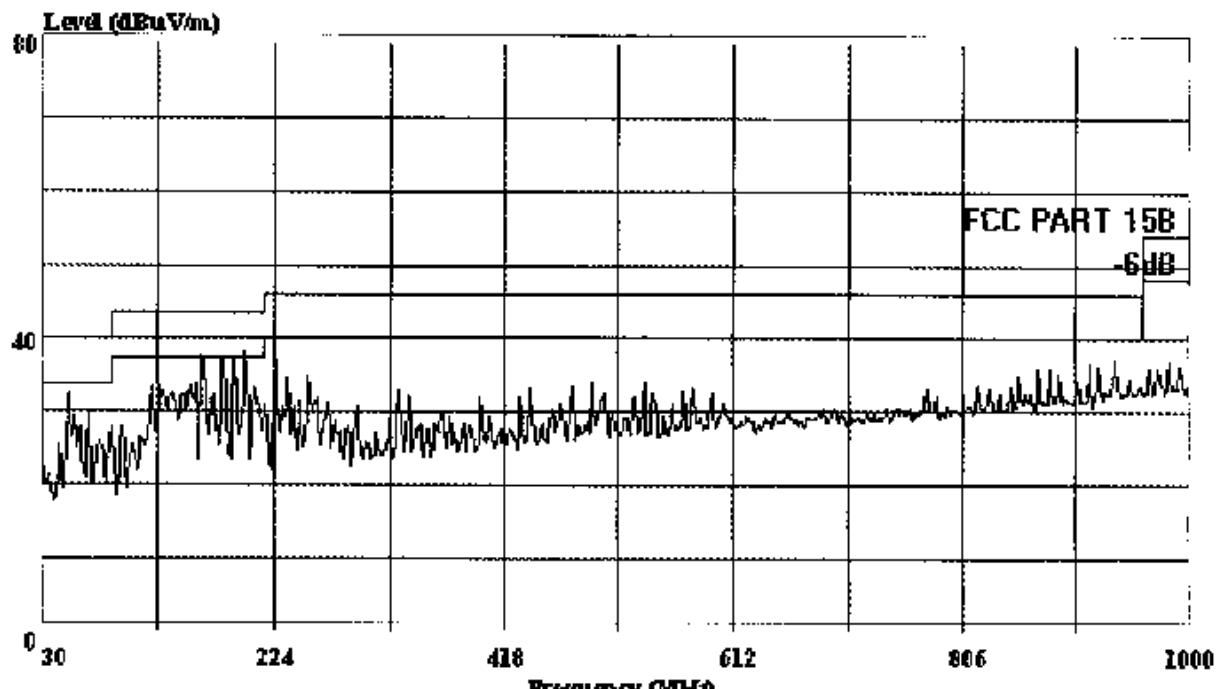
Memo: : Wired modem on and Printing



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

Data#: 135 File#: Mivo350.EMI

Date: 2001-07-31 Time: 11:58:25



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

Trace:

Ref Trace:

Condition: FCC PART 15B 3m 2176FACTOR VERTICAL

FUT: : Mivo350

M/N: : TWT2B

Power: : DC 7V Adaptor Input 120V/60Hz

Test Engineer: : Chris Du

Memo: : Wired modem on and Printing