POTO TECHNOLOGY CO., LTD

FM Transmitter

Model Number: NaNo-FC-FM

Prepared for : POTO TECHNOLOGY CO., LTD
Industrial Yin Hu, Jio-Yi Tang, Tang-Xia Town, Dong Guan, Guang dong.

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-F06033
Date of Test : Jan.05~23,2006
Date of Report : Feb.07,2006

TABLE OF CONTENTS

TEST REPORT DECLARATION

Applicant	:	POTO TECHNOLOGY CO., LTD
Manufacturer	:	POTO TECHNOLOGY CO., LTD
EUT Description	:	FM Transmitter
		(A) MODEL NO. : NaNo-FC-FM
		(B) SERIAL NO. : N/A
		(C) POWER SUPPLY : DC 12V

Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Sep,2005

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 : Jan.05~23,2006

Prepared by : Annie Wu
Annie Wu/ Assistant

Reviewer : Ken Lu
Ken Lu / Assistant Manager

Approved & Authorized Signer :
AUDIX® 信華科技(深圳)有限公司
Audix Technology (Shenzhen) Co., Ltd.
EMC 部門報告專用章
Stamp only for EMC Dept. Report
Signature:
2006.02.09
Smart Tsai / Vice General Manager

Name of the Representative of the Responsible Party : _____

Signature : _____

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description : FM Transmitter

Model Number : NaNo-FC-FM

Applicant : POTO TECHNOLOGY CO., LTD
Industrial Yin Hu, Jio-Yi Tang, Tang-Xia Town, Dong Guan, Guang dong.

Manufacturer : POTO TECHNOLOGY CO., LTD
Industrial Yin Hu, Jio-Yi Tang, Tang-Xia Town, Dong Guan, Guang dong.

Date of Test : Jan.05~23,2006

1.2. Test Facility

Site Description

3m Anechoic Chamber	:	Certificated by FCC, USA Registration Number: 90454 Aug. 15, 2003
3m & 10m Anechoic Chamber	:	Certificated by FCC, USA Registration Number: 794232 Mar. 15, 2004
EMC Lab.	:	Certificated by DATech, German Registration Number: DAT-P-091/99-01 Feb. 02, 2004 Certificated by NVLAP, USA NVLAP Code: 200372-0 Mar. 31, 2004 Certificated by Nemko, Norway Aut. No.: ELA135 April. 22, 2004 Certificated by Industry Canada Registration Number: IC 5183 Jul. 28, 2004
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. Test Uncertainty

No.	Item	Uncertainty	Remark
1.	Uncertainty for Conducted Emission Test	1.22dB	
2.	Uncertainty for Radiated Emission Test	3.14dB	3m Chamber
3.	Uncertainty for Radiated Emission Test	3.18dB	10m Chamber
4.	Uncertainty for Power Clamp Test	1.38dB	

2. POWER LINE CONDUCTED EMISSION TEST

According to Paragraph (f) of FCC Part 15 section 15.239, 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

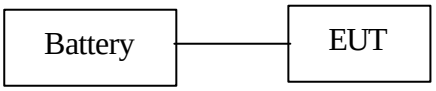
The following test equipments are used during the radiated emission Test：

3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Spectrum	HP	85422E	3625A00181	May 16, 05	1 Year
2.	Test Receiver	Rohde & Schwarz	ESVS20	830350/005	May 16, 05	1 Year
3.	Amplifier	HP	8447D	2944A07794	Sep.14, 05	1/2 Year
4.	Bilog Antenna	Schaffner	CBL6111C	2598	Jan. 11, 06	1 Year
5.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.1	Jan. 28, 06	1/2 Year
6.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Jan. 28, 06	1/2 Year
7.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.3	Jan. 28, 06	1/2 Year
8.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Jan. 28, 06	1/2 Year
9.	Coaxial Switch	Anritsu	MP59B	M73989	Jan. 28, 06	1/2 Year

3.2. Block Diagram of Test Setup

3.2.1. Block Diagram of connection between EUT and simulators

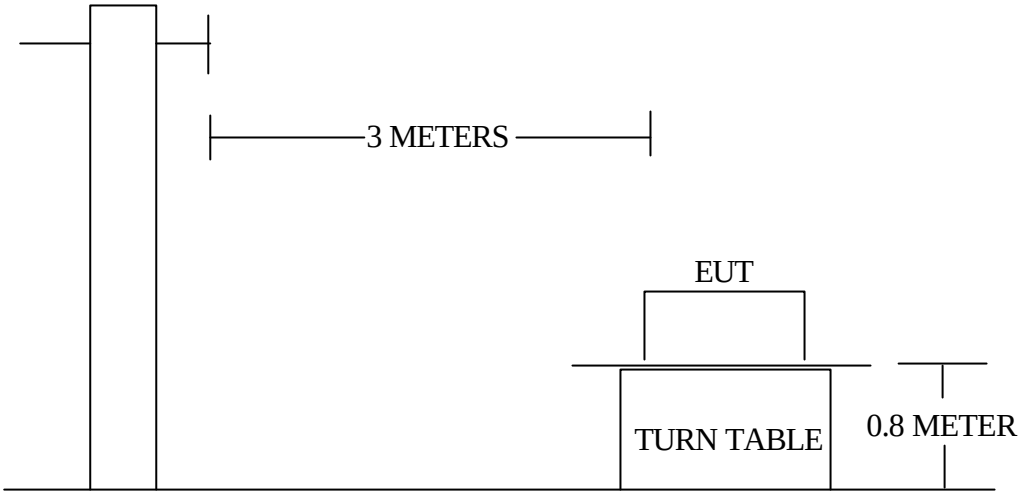


(EUT: FM Transmitter)

3.2.2. Anechoic Chamber Setup Diagram

ANTENNA TOWER

ANTENNA ELEVATION VARIES FROM 1 TO 4 METERS



GROUND PLANE

3.3. Radiated Emission Limit 30~1000MHz

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/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
Above 1000	3	Other: 74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Remark： (1) Emission level dBμV = 20 log Emission level μV/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. FM Transmitter (EUT)

Model Number	:	NaNo-FC-FM
Serial Number	:	N/A
Manufacturer	:	POTO TECHNOLOGY CO., 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 (Channel 1(88.1-88.3MHz)/Channel 2(88.3-88.5MHz)/Channel 3(88.5-88.7)/Channel(88.7-88.9)) 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 C63.4-2003 on radiated emission Test.

The bandwidth of the EMI test receiver (R&S ESVS20) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

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

The test modes (Channel 1(88.1-88.3MHz)/Channel 2(88.3-88.5MHz)/Channel 3(88.5-88.7)/Channel(88.7-88.9)) is tested in Anechoic Chamber and all the scanning waveforms are attached in Appendix I.

3.7. Radiated Emission Test Results

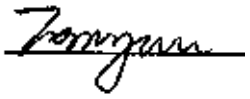
PASS.

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

Date of Test	:	Jan.05,2006	Temperature	:	23℃
EUT	:	FM Transmitter	Humidity	:	54%
Model No.	:	NaNo-FC-FM	Test Mode	:	Channel 1 (88.1-88.3MHz)
Test Engineer:		Victor			

Frequency	Antenna Factor	Cable Loss	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dB	dBμV/m
88.165	8.85	1.98	26.80	37.63	-10.32	47.95

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading
3. The worst emission was detected at 88.165MHz with corrected signal level of 37.63dBμV/m(Limit is 47.95 dBμV/m) when the antenna was at horizontal polarization and at 2.1m high and the turn table was at 0 °.
4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer: 

Date of Test	:	Jan.05,2006	Temperature	:	23℃
EUT	:	FM Transmitter	Humidity	:	54%
Model No.	:	NaNo-FC-FM	Test Mode	:	Channel 1 (88.1-88.3MHz)
Test Engineer:		Victor			

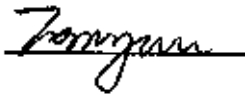
Frequency	Antenna Factor	Cable Loss	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dB	dBμV/m
88.165	7.66	1.98	18.00	27.64	-20.31	47.95

Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 88.165MHz with corrected signal level of 27.64dBμV/m(Limit is 47.95dBμV/m) when the antenna was at vertical polarization and at 1.1m high and the turn table was at 0 °.

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer: 

Date of Test :	Jan.05,2006	Temperature :	23℃
EUT :	FM Transmitter	Humidity :	54%
Model No. :	NaNo-FC-FM	Test Mode :	Channel 2 (88.3-88.5MHz)
Test Engineer:	Victor		

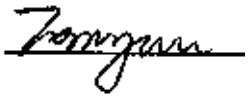
Frequency	Antenna Factor	Cable Loss	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dB	dBμV/m
88.350	9.08	1.95	58.02	40.92	-7.03	47.95

Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 88.350MHz with corrected signal level of 40.92dBμV/m(Limit is 47.95 dBμV/m) when the antenna was at horizontal polarization and at 2.0m high and the turn table was at 0 °.

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer: 

Date of Test	:	Jan.05,2006	Temperature	:	23℃
EUT	:	FM Transmitter	Humidity	:	54%
Model No.	:	NaNo-FC-FM	Test Mode	:	Channel 2 (88.3-88.5MHz)
Test Engineer:		Victor			

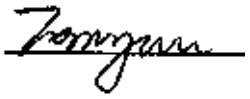
Frequency	Antenna Factor	Cable Loss	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dB	dBμV/m
88.350	7.72	1.97	19.90	29.60	-18.35	47.95

Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 88.350MHz with corrected signal level of 29.60dBμV/m(Limit is 47.95dBμV/m) when the antenna was at vertical polarization and at 1.1m high and the turn table was at 0 °.

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer: 

Date of Test	:	Jan.05,2006	Temperature	:	23℃
EUT	:	FM Transmitter	Humidity	:	54%
Model No.	:	NaNo-FC-FM	Test Mode	:	Channel 3 (88.5-88.7MHz)
Test Engineer:		Victor			

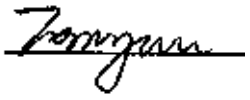
Frequency	Antenna Factor	Cable Loss	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dB	dBμV/m
88.560	8.89	1.97	26.40	37.26	-10.69	47.95

Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 88.560MHz with corrected signal level of 37.26dBμV/m(Limit is 47.95 dBμV/m) when the antenna was at horizontal polarization and at 2.2m high and the turn table was at 0 °.

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer: 

Date of Test	:	Jan.05,2006	Temperature	:	23℃
EUT	:	FM Transmitter	Humidity	:	54%
Model No.	:	NaNo-FC-FM	Test Mode	:	Channel 3 (88.5-88.7MHz)
Test Engineer:		Victor			

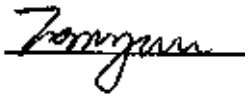
Frequency	Antenna Factor	Cable Loss	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dB	dBμV/m
88.560	7.72	1.97	21.83	31.53	-16.42	47.95

Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 88.560MHz with corrected signal level of 31.53dBμV/m(Limit is 47.95dBμV/m) when the antenna was at vertical polarization and at 1.1m high and the turn table was at 12 °.

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer: 

Date of Test	:	Jan.05,2006	Temperature	:	23℃
EUT	:	FM Transmitter	Humidity	:	54%
Model No.	:	NaNo-FC-FM	Test Mode	:	Channel 4 (88.7-88.9MHz)
Test Engineer:		Victor			

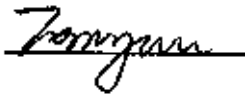
Frequency	Antenna Factor	Cable Loss	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dB	dBμV/m
88.770	8.92	1.97	29.22	40.11	-7.84	47.95

Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 88.770MHz with corrected signal level of 40.11dBμV/m(Limit is 47.95 dBμV/m) when the antenna was at horizontal polarization and at 2.1m high and the turn table was at 0 °.

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer: 

Date of Test	:	Jan.05,2006	Temperature	:	23℃
EUT	:	FM Transmitter	Humidity	:	54%
Model No.	:	NaNo-FC-FM	Test Mode	:	Channel 4(88.7-88.9MHz)
Test Engineer:		Victor			

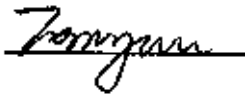
Frequency	Antenna Factor	Cable Loss	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dB	dBμV/m
88.773	7.79	1.97	18.30	28.06	-19.89	47.95

Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 88.773MHz with corrected signal level of 28.06dBμV/m(Limit is 47.95dBμV/m) when the antenna was at vertical polarization and at 1.2m high and the turn table was at 0 °.

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer: 

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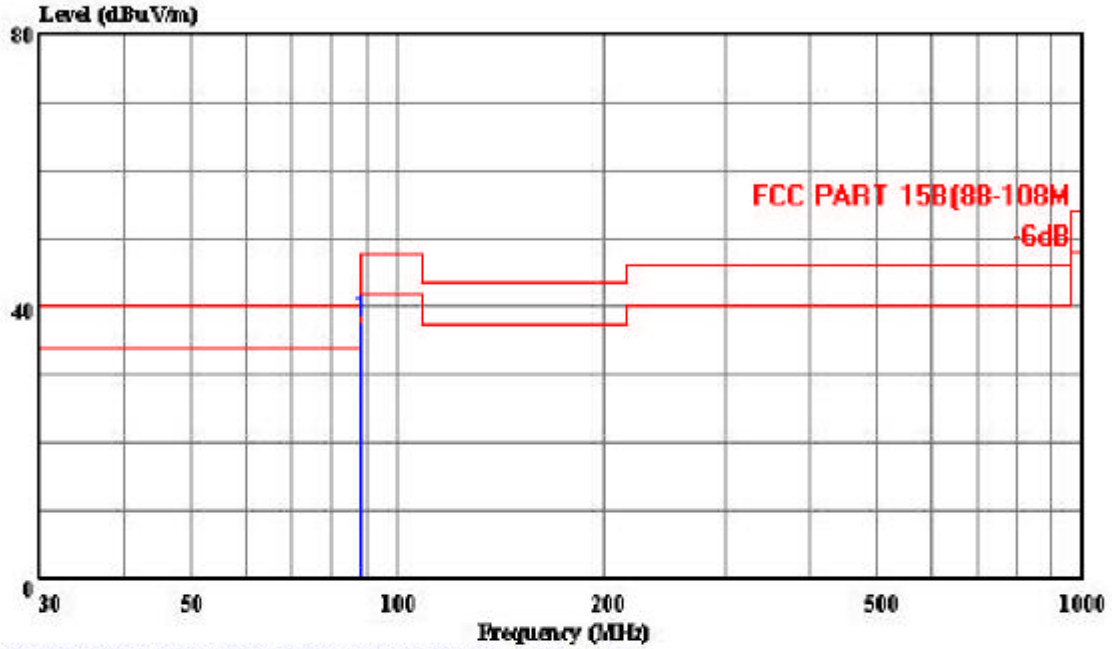

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace: Ref Trace:

Condition: FCC PART 15B(88-108M 3m 2598FACTOR HORIZONTAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 1 (88.1-88.3MHz)
Comment : Temp:23' Humi:54%
Memo : Antpos:2.1m Tablepos:0'

Page:

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1	88.165	37.63	-10.32	47.95	26.80	1.98	8.85

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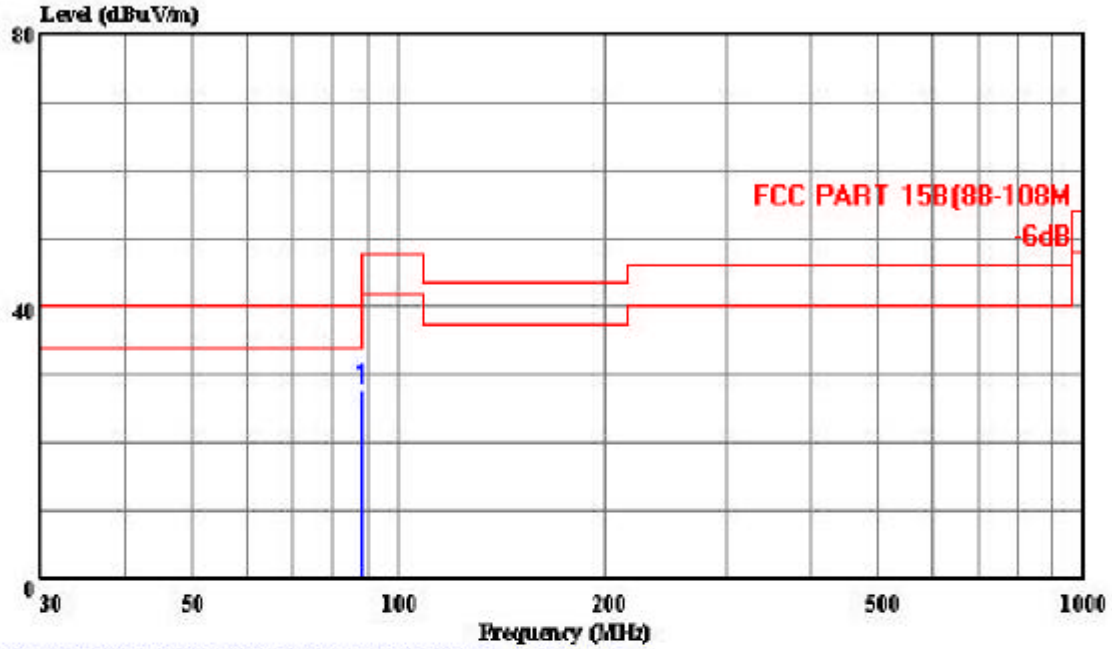

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EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 1 (88.1-88.3MHz)
Comment : Temp:23' Humi:54%
Memo : Antpos:1.1m Tablepos:0'

Page:

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1	88.165	27.64	-20.31	47.95	18.00	1.98	7.66

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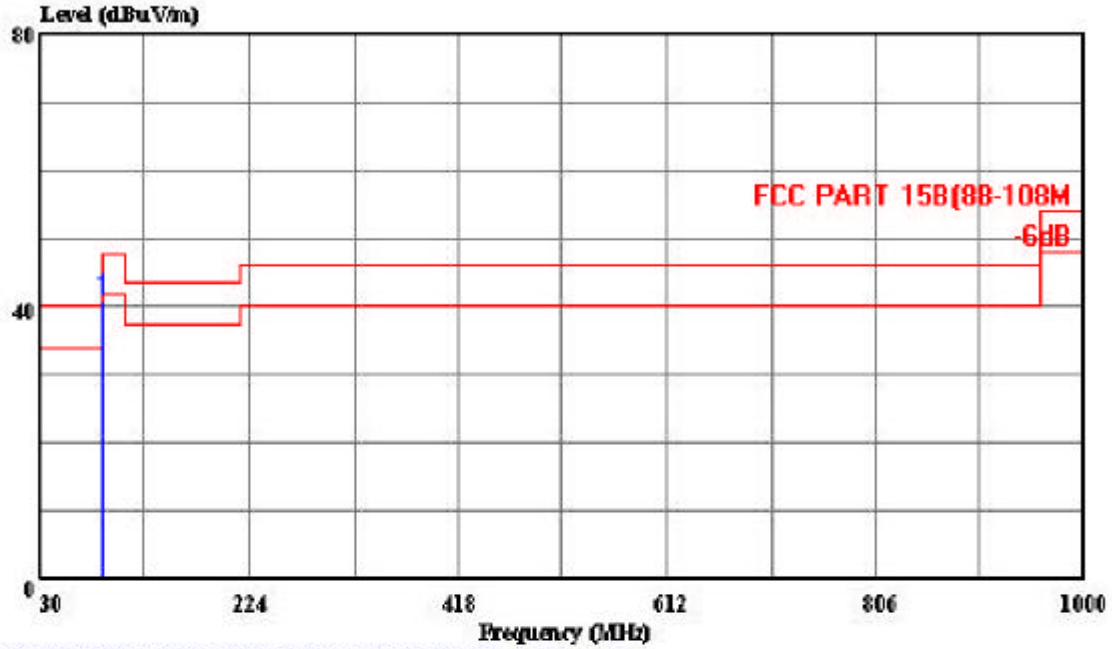

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Condition: FCC PART 15B(88-108M 3m 2598FACTOR HORIZONTAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 2 (88.3-88.5MHz)
Comment : Temp:23' Humi:54%
Memo : Antpos:2.0m Tablepos:0'

Page:

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1	88.350	40.92	-7.03	47.95	58.02	1.95	9.08

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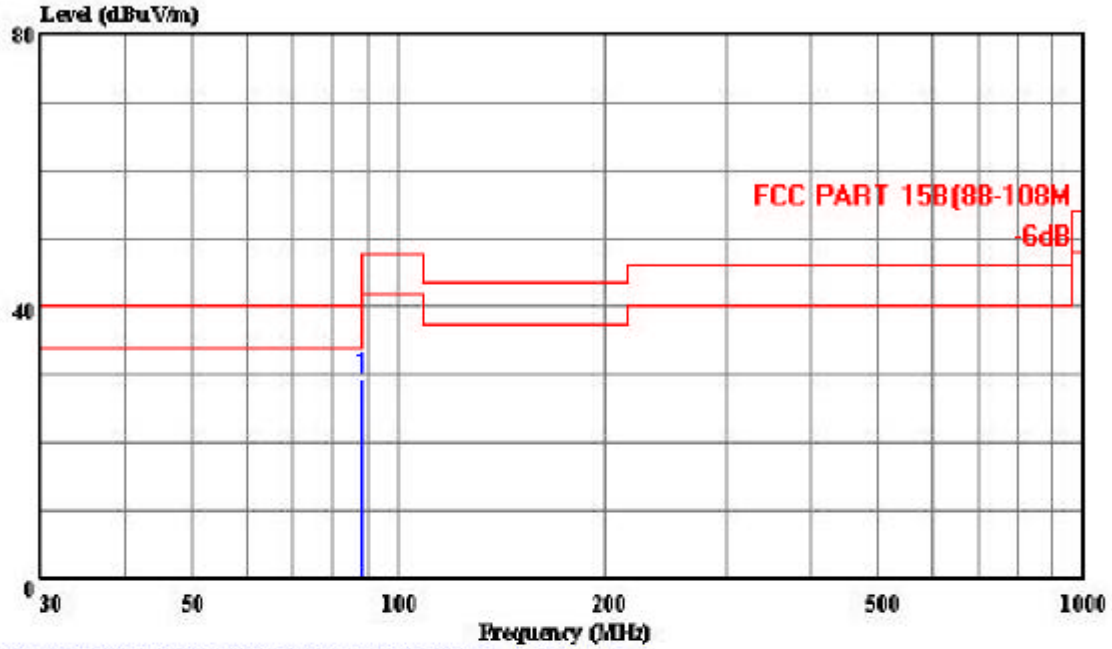

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace: Ref Trace:

Condition: FCC PART 15B(88-108M 3m 2598FACTOR VERTICAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 2 (88.3-88.5MHz)
Comment : Temp:23' Humi:54%
Memo : Antpos:1.1m Tablepos:0'

Page:

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1	88.350	29.60	-18.35	47.95	19.90	1.97	7.72

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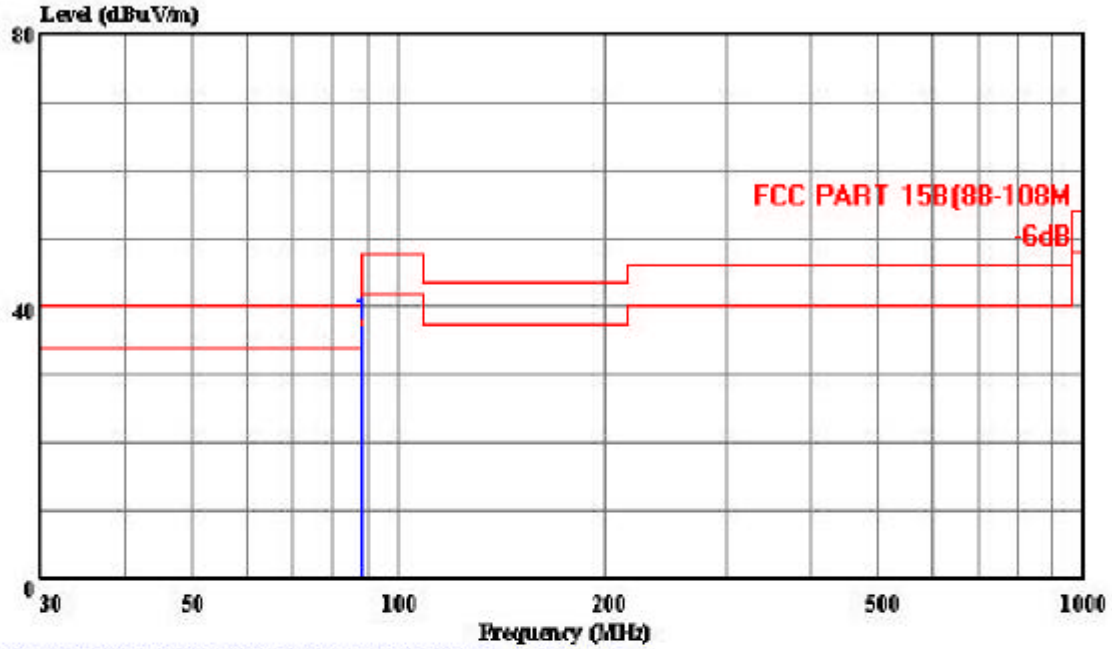

AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (3# Chamber)

Trace: Ref Trace:

Condition: FCC PART 15B(88-108M 3m 2598FACTOR HORIZONTAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 3 (88.5-88.7MHz)
Comment : Temp:23' Humi:54%
Memo : Antpos:2.2m Tablepos:0'

Page:

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1	88.560	37.26	-10.69	47.95	26.40	1.97	8.89

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Fax: 0755-26632877

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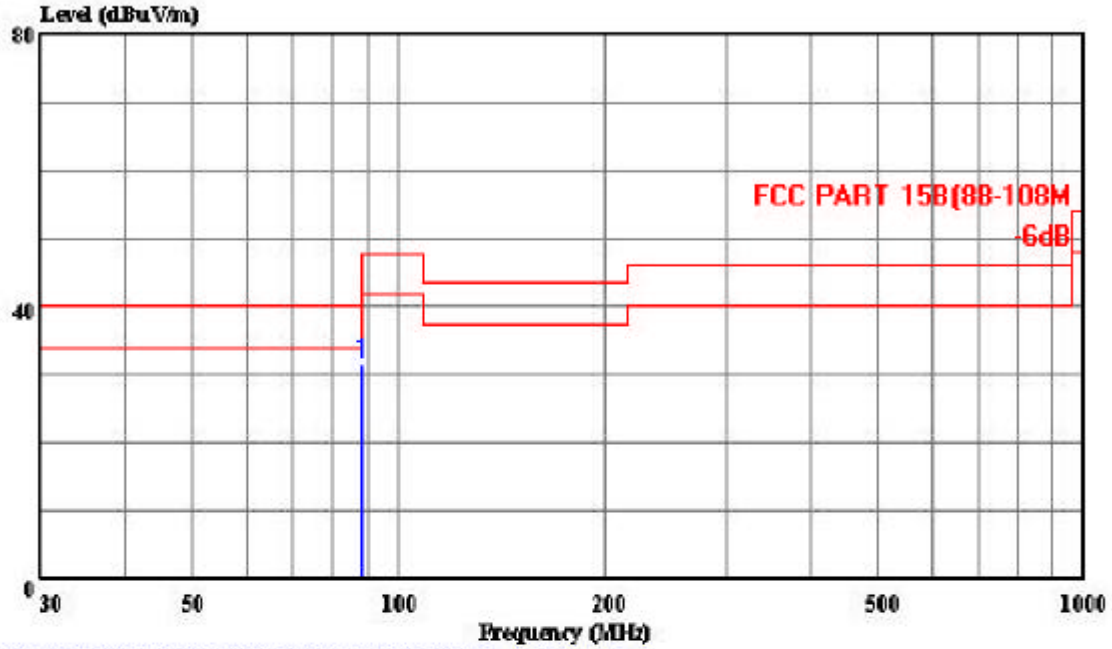

Trace: Ref Trace:

Condition: FCC PART 15B(88-108M 3m 2598FACTOR VERTICAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 3 (88.5-88.7MHz)
Comment : Temp:23' Humi:54%
Memo : Antpos:1.1m Tablepos:12'

Page:

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1	88.560	31.53	-16.42	47.95	21.83	1.97	7.72

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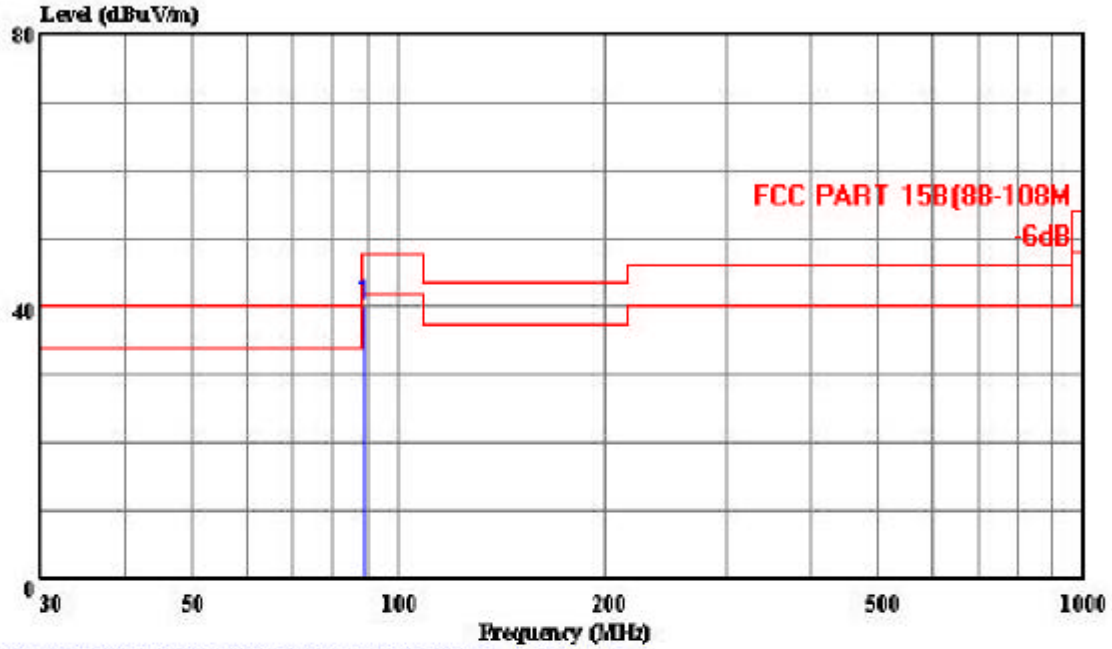
Data#: 23 File#: ACS5Q1236.BMI Date: 2006-01-06 Time: 00:20:00



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

Trace: Ref Trace:

Condition: FCC PART 15B(88-108M 3m 2598FACTOR HORIZONTAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 4 (88.7-88.9MHz)
Comment : Temp:23' Humi:54%
Memo : Antpos:2.1m Tablepos:0'

Page:

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1	88.770	40.11	-7.84	47.95	29.22	1.97	8.92

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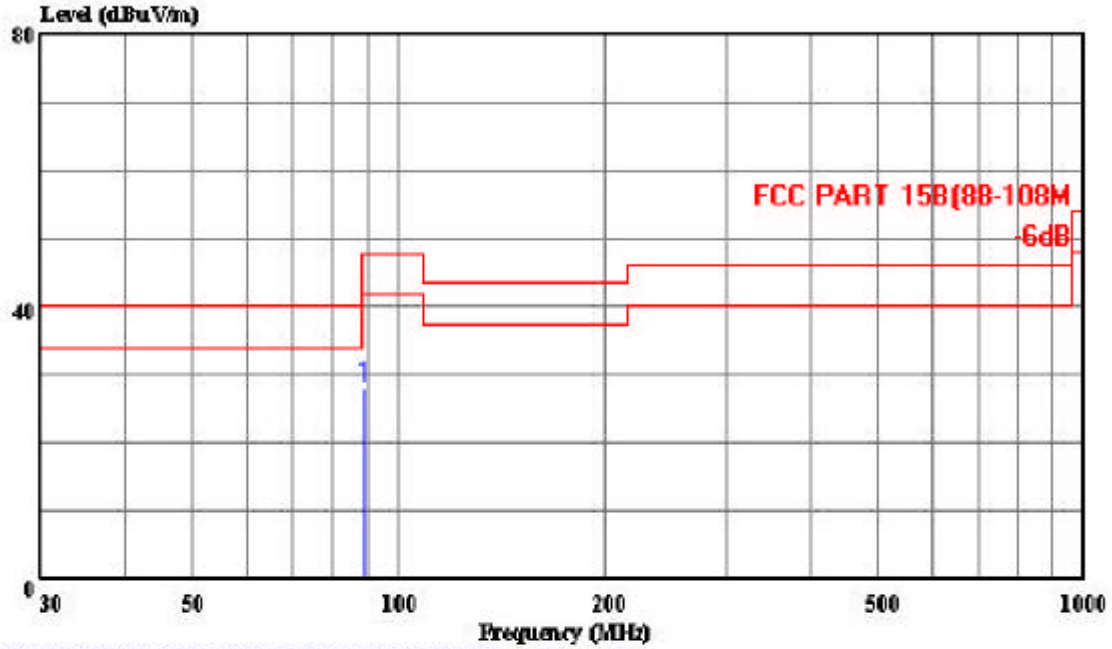
Data#: 20 File#: ACS5Q1236.BMI Date: 2006-01-06 Time: 00:15:08



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

Trace: Ref Trace:

Condition: FCC PART 15B(88-108M 3m 2598FACTOR VERTICAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 4 (88.7-88.9MHz)
Comment : Temp:23' Humi:54%
Memo : Antpos:1.2m Tablepos:0'

Page:

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1	88.773	28.06	-19.89	47.95	18.30	1.97	7.79

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.	EMI Spectrum	HP	85422E	3625A00181	May 16, 05	1 Year
2.	Amplifier	HP	8447D	2944A07794	Sep.14, 05	1/2 Year
3.	Bilog Antenna	Schaffner	CBL6111C	2598	Jan. 11, 06	1 Year
4.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.1	Jan. 28, 06	1/2 Year
5.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Jan. 28, 06	1/2 Year
6.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.3	Jan. 28, 06	1/2 Year
7.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Jan. 28, 06	1/2 Year
8.	Coaxial Switch	Anritsu	MP59B	M73989	Jan. 28, 06	1/2 Year

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.

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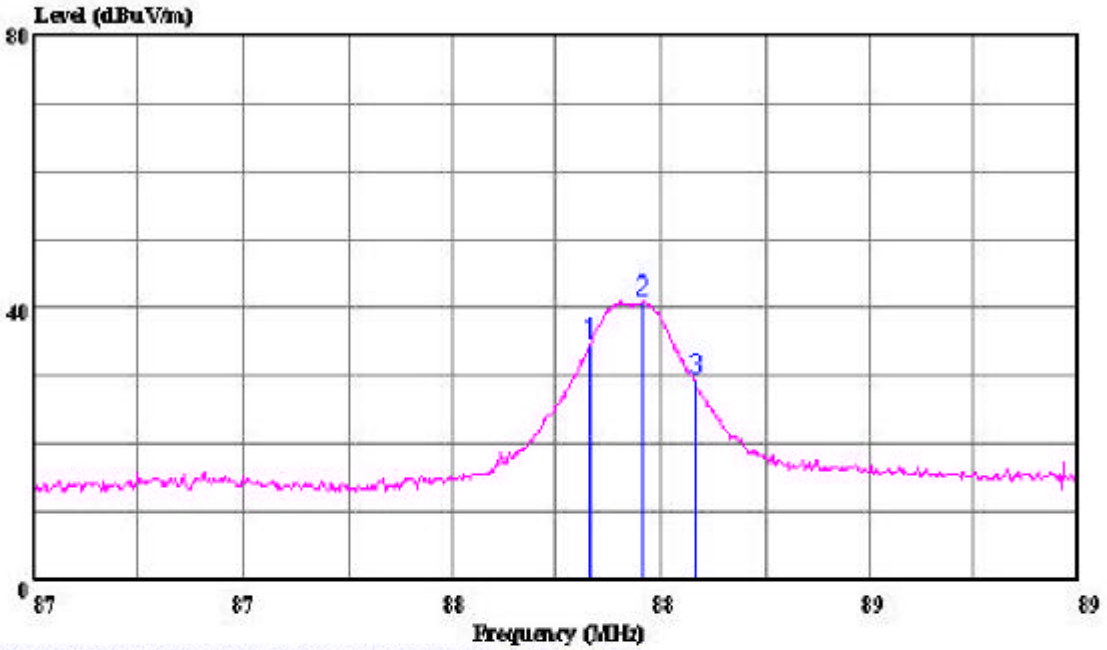
Data#: 25 File#: ACS5Q1236.EMI Date: 2006-01-23 Time: 13:21:39



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Trace: 3 Ref Trace:

Condition: 3m 2598FACTOR VERTICAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 1 (88.1-88.3MHz)
Comment : Temp:23' Humi:54%
Memo :

Page:

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1	88.065	34.54	------	------	53.02	1.98	7.69
2	88.165	40.70	------	------	59.15	1.98	7.71
3	88.265	29.33	------	------	47.75	1.97	7.74

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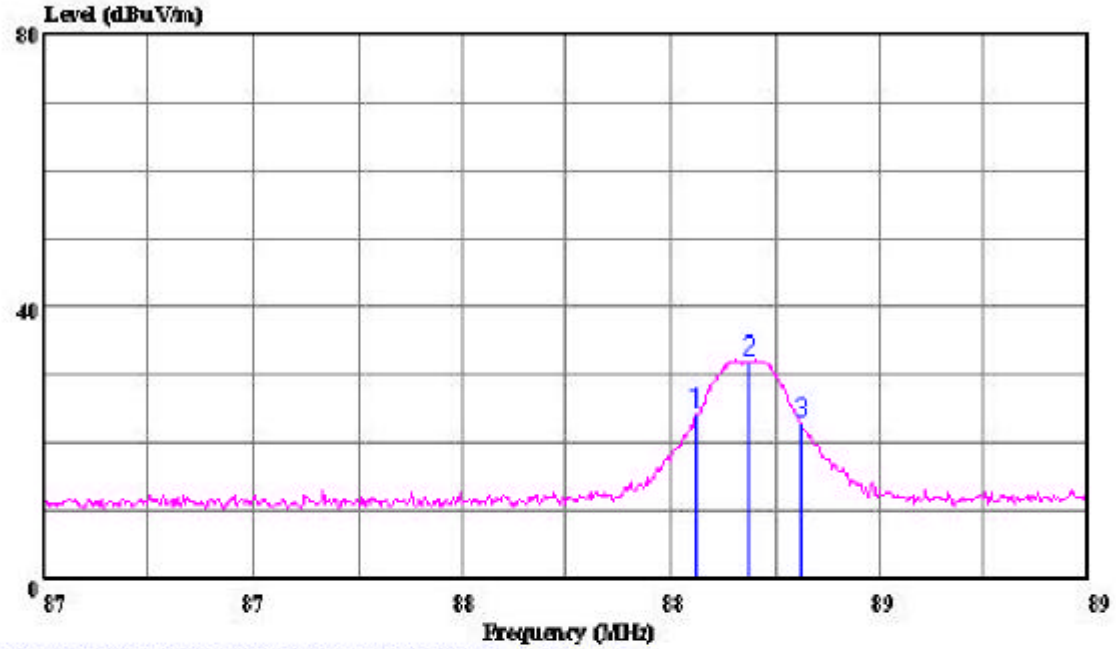
Data#: 27 File#: ACS5Q1236.BMI Date: 2006-01-23 Time: 14:09:37



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Trace: 9 Ref Trace:

Condition: 3m 2598FACTOR VERTICAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 2 (88.3-88.5MHz)
Comment : Temp:23' Humi:54%
Memo :

Page:

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1	88.250	24.07	------	------	42.50	1.97	7.74
2	88.350	31.71	------	------	50.11	1.97	7.76
3	88.450	22.87	------	------	41.25	1.97	7.79

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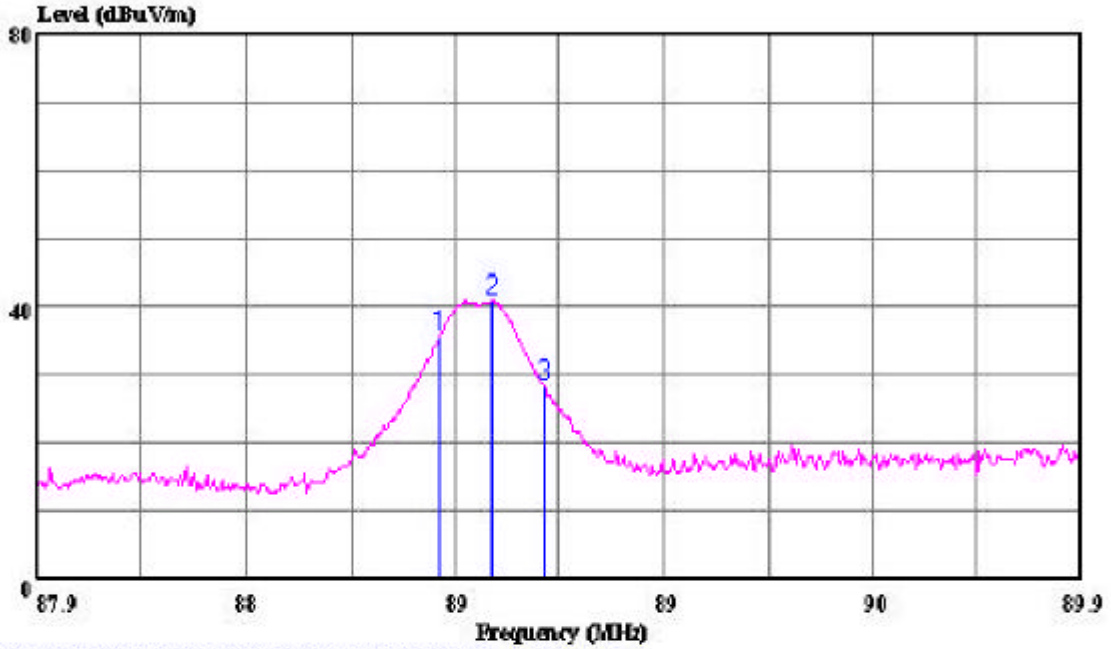
Data#: 26 File#: ACS5Q1236.EMI Date: 2006-01-23 Time: 13:50:30



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Trace: 24 Ref Trace:

Condition: 3m 2598FACTOR VERTICAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 4 (88.7-88.9MHz)
Comment : Temp:23' Humi:54%
Memo :

Page:

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1	88.670	35.82	------	------	54.15	1.97	7.84
2	88.770	40.72	------	------	59.02	1.97	7.87
3	88.870	28.48	------	------	46.75	1.96	7.89

5. DEVIATION TO TEST SPECIFICATIONS

[NONE]

APPENDIX I

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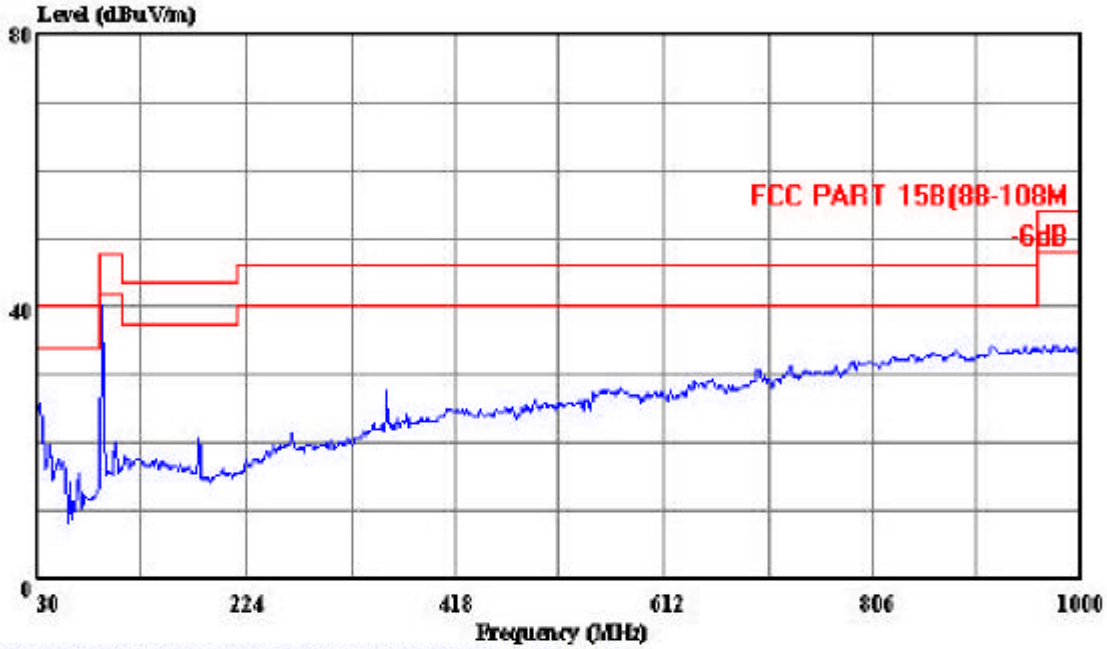
Data#: 1 File#: ACS5Q1236.EMI Date: 2006-01-05 Time: 22:34:23



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Trace: Ref Trace:

Condition: FCC PART 15B(88-108M 3m 2598FACTOR HORIZONTAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 1 (88.1-88.3MHz)
Comment : Temp:23' Humi:54%
Memo :

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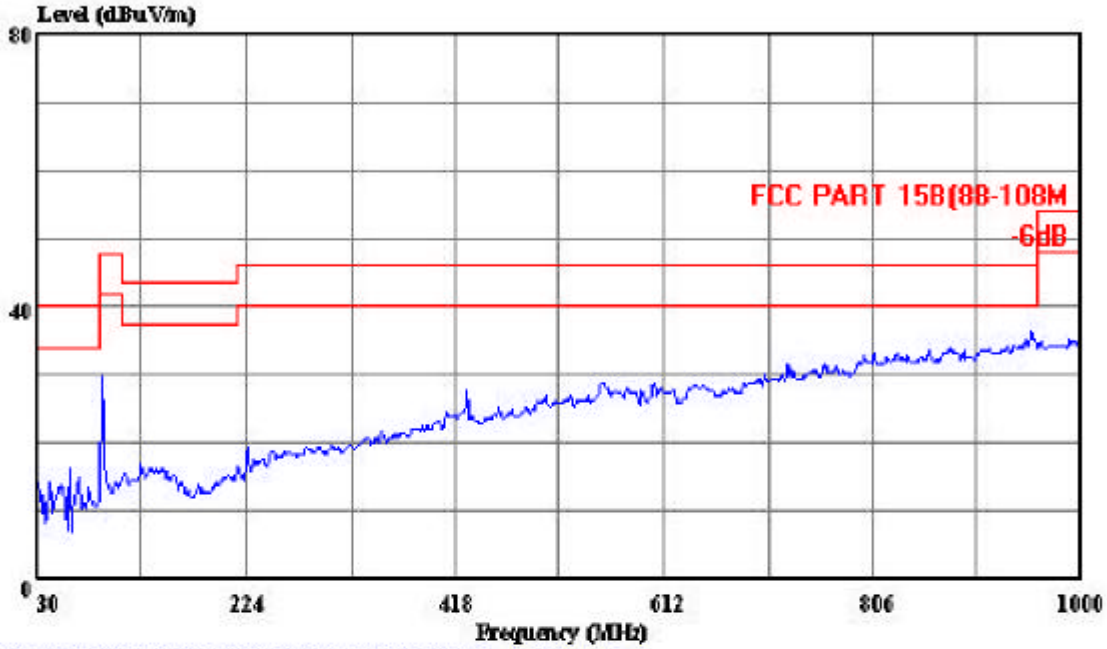

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EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 1 (88.1-88.3MHz)
Comment : Temp:23' Humi:54%
Memo :

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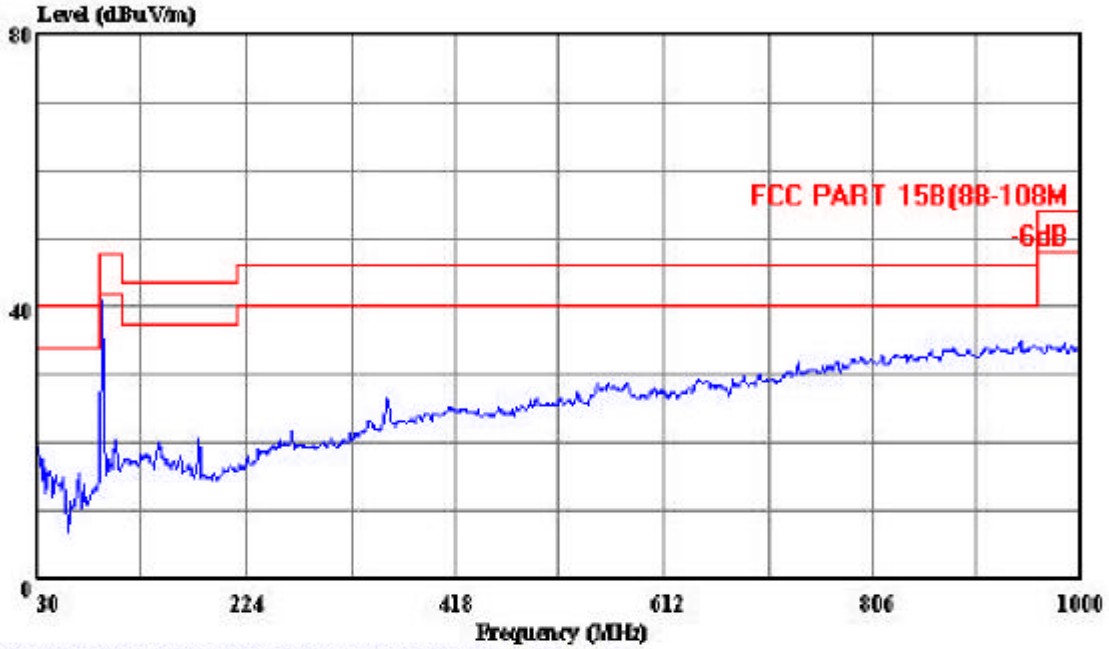
Data#: 10 File#: ACS5Q1236.EMI Date: 2006-01-05 Time: 23:17:25



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EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 2 (88.3-88.5MHz)
Comment : Temp:23' Humi:54%
Memo :

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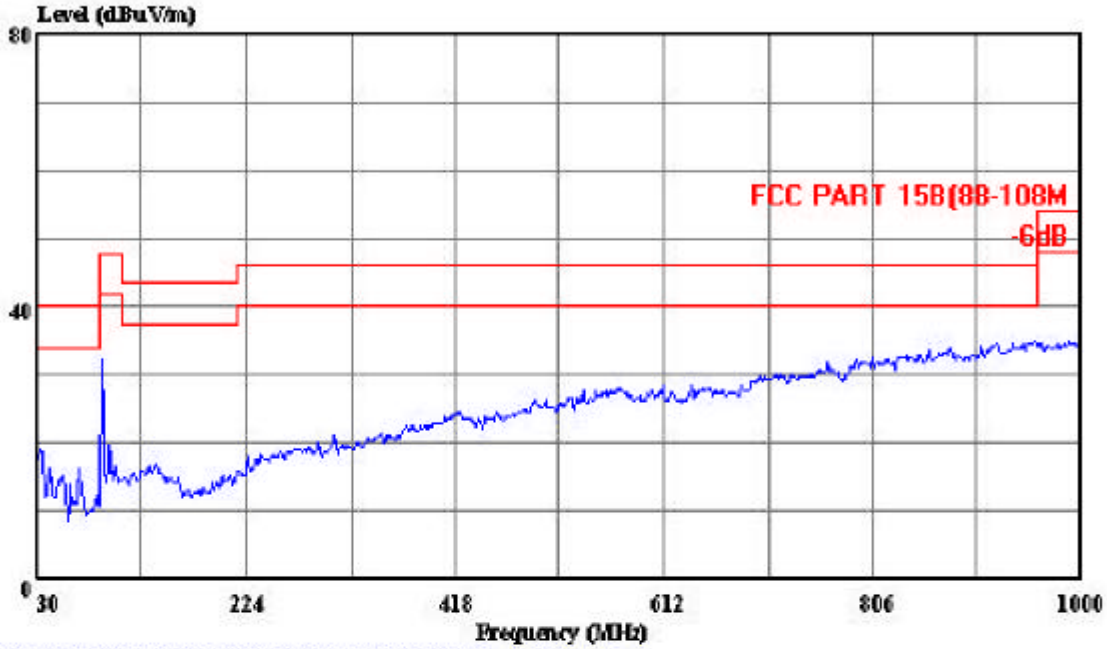
Data#: 7 File#: ACS5Q1236.EMI Date: 2006-01-05 Time: 23:05:35



Trace: Ref Trace:

Condition: FCC PART 15B(88-108M 3m 2598FACTOR VERTICAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 2 (88.3-88.5MHz)
Comment : Temp:23' Humi:54%
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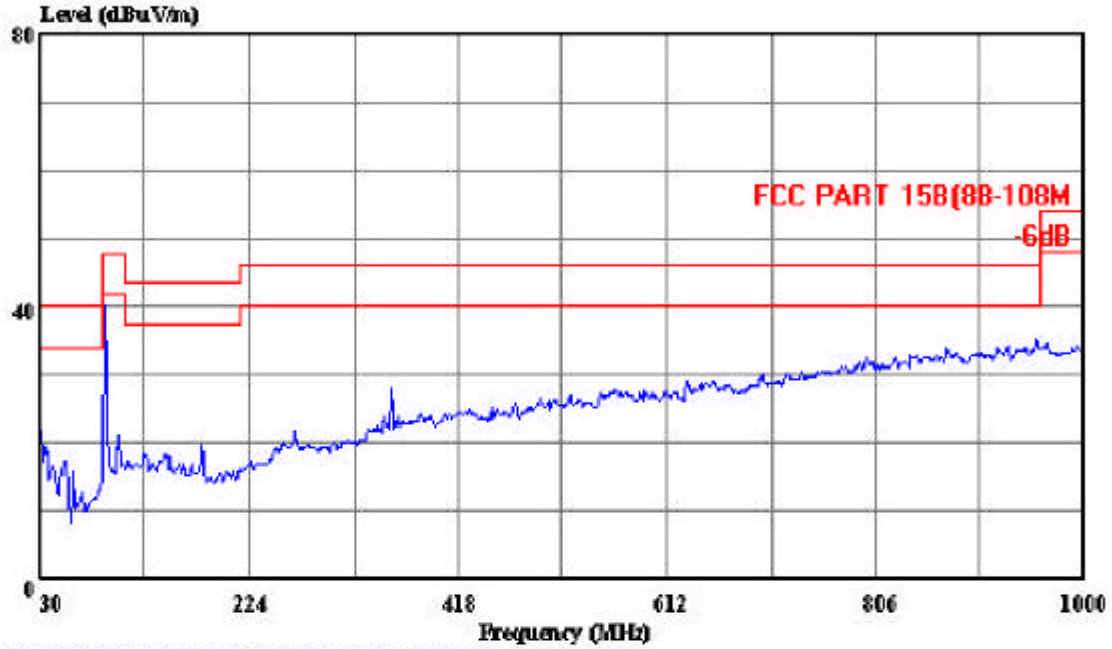

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EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 3 (88.5-88.7MHz)
Comment : Temp:23' Humi:54%
Memo :

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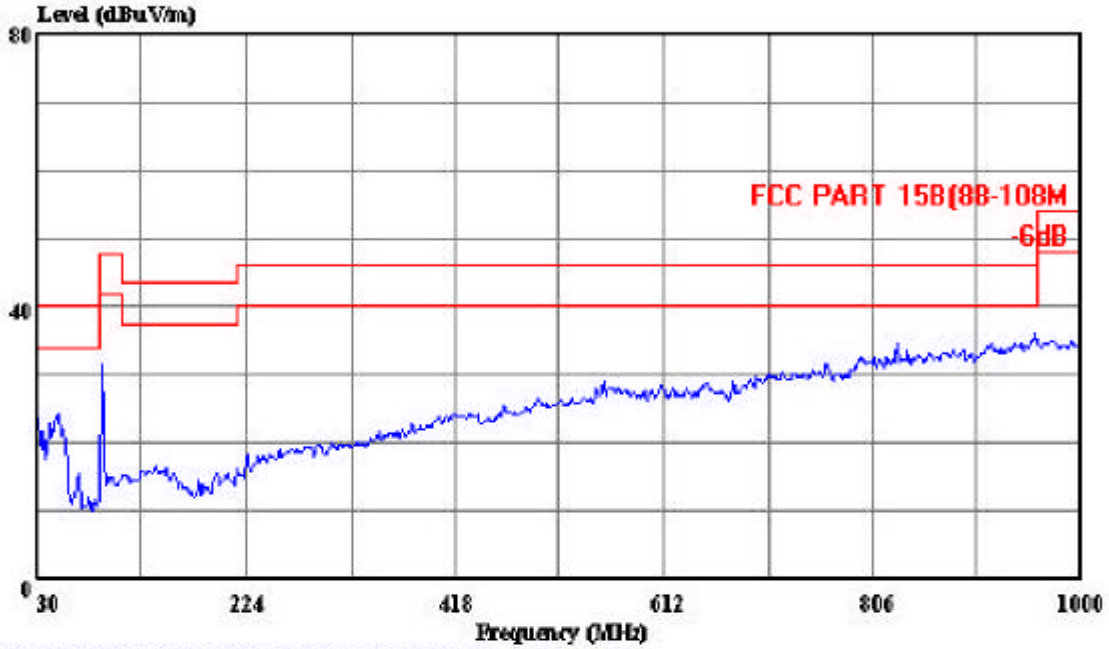
Data#: 16 File#: ACS5Q1236.EMI Date: 2006-01-06 Time: 00:07:05



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Trace: Ref Trace:

Condition: FCC PART 15B(88-108M 3m 2598FACTOR VERTICAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 3 (88.5-88.7MHz)
Comment : Temp:23' Humi:54%
Memo :

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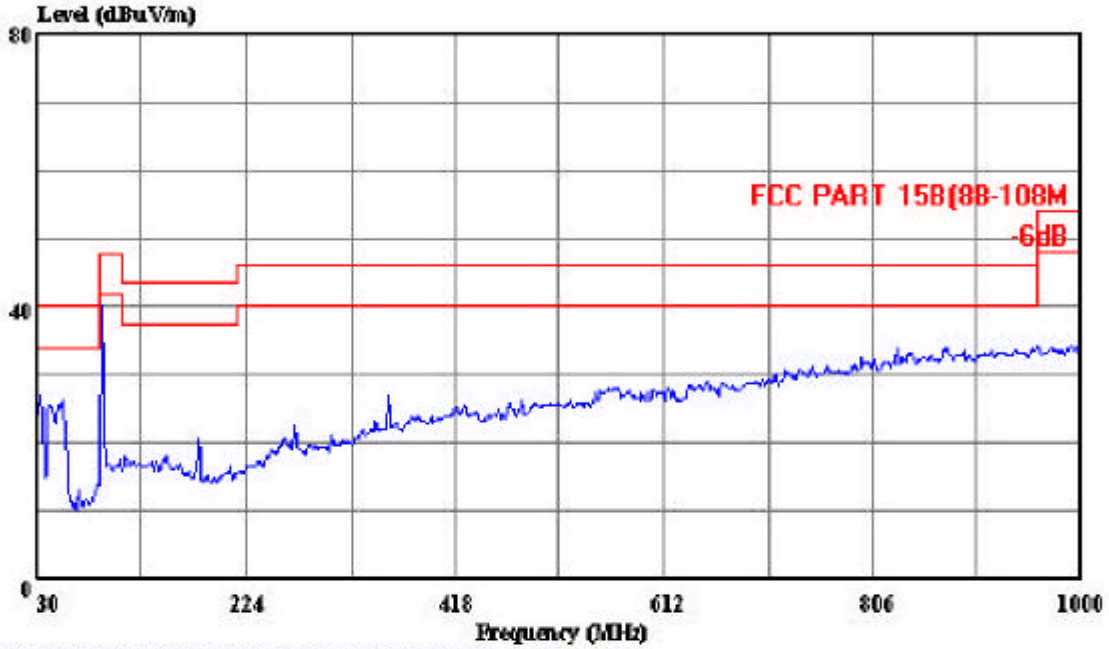
Data#: 22 File#: ACS5Q1236.EMI Date: 2006-01-06 Time: 00:19:19



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

Trace: Ref Trace:

Condition: FCC PART 15B(88-108M 3m 2598FACTOR HORIZONTAL
EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 4 (88.7-88.9MHz)
Comment : Temp:23' Humi:54%
Memo :

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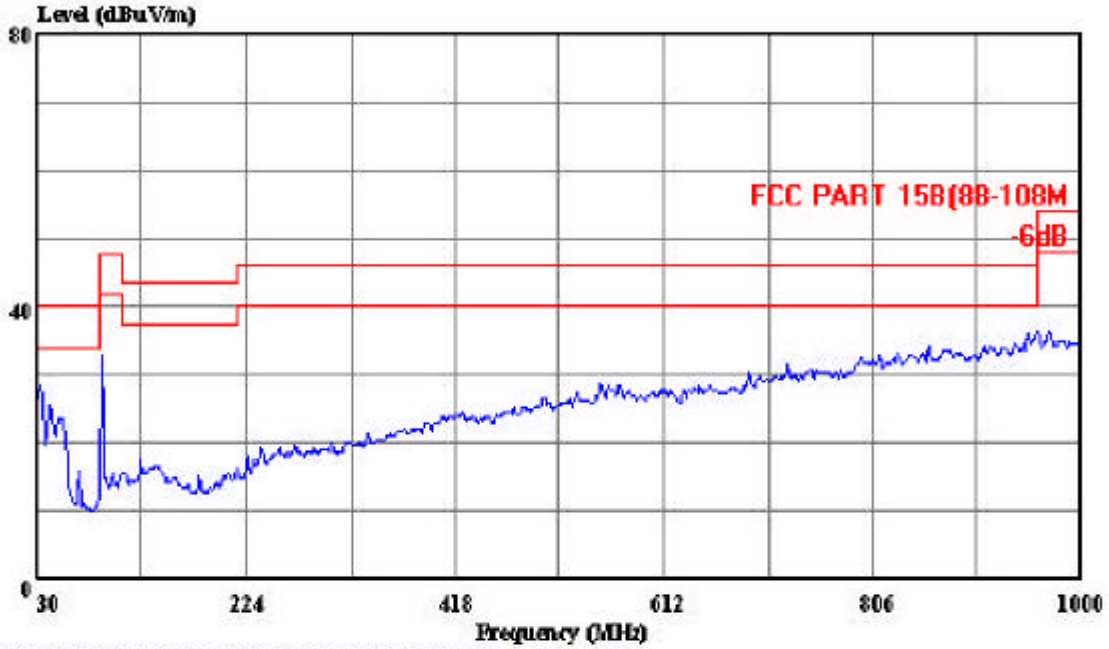
Data#: 19 File#: ACS5Q1236.EMI Date: 2006-01-06 Time: 00:12:52



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EUT : FM Transmitter
M/N : NaNo-FC-FM
Test Spec : DC 12V
Test Engineer: VICTOR
OP Condition : Channel 4 (88.7-88.9MHz)
Comment : Temp:23' Humi:54%
Memo :