

South East Asia Resources Ltd.

AC Modular RX

Model Number: 00-063601-00

Prepared for : South East Asia Resources Ltd.
1902-03, Kwong Sang Center, 151-153 Hoi Bun Road,
Kwun Tong, Hong Kong.

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-F06411
Date of Test : Aug.02~04, 2006
Date of Report : Aug.24, 2006

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TEST REPORT DECLARATION

Applicant : South East Asia Resources Ltd.
 Manufacturer : Acumen Manufacturing Limited
 EUT Description : AC Modular RX
 (A) MODEL NO. : 00-063601-00
 (B) SERIAL NO. : N/A
 (C) POWER SUPPLY : DC 24V Adaptor AC 120V/60Hz

Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Feb.2006

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.
 This report must not be used by the applicant to claim product endorsement by NVIAP or any agency of the U.S. Government.

Date of Test : Aug.02~04, 2006

Prepared by : Daisy Ye
 Daisy Ye / Assistant

Reviewer : Sean Xing
 Sean Xing / Assistant Manager



Approved & Authorized Signer : Ken Lu
 Ken Lu / Deputy Manager

Name of the Representative of the Responsible Party :

Signature :

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description : AC Modular RX

Model Number : 00-063601-00

Applicant : South East Asia Resources Ltd.
1902-03, Kwong Sang Center, 151-153 Hoi Bun Road, Kwun
Tong, Hong Kong.

Manufacturer : Acumen Manufacturing Limited
Queshan, Industrial Zone, Longhua, Baoan, Shenzhen, China.

Date of Test : Aug.02~04, 2006

1.2. Test Facility

Site Description

3m Anechoic Chamber	:	Certificated by FCC, USA Registration Number: 90454 Jun. 13, 2006
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 Apr.01, 2006
		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. Measurement 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

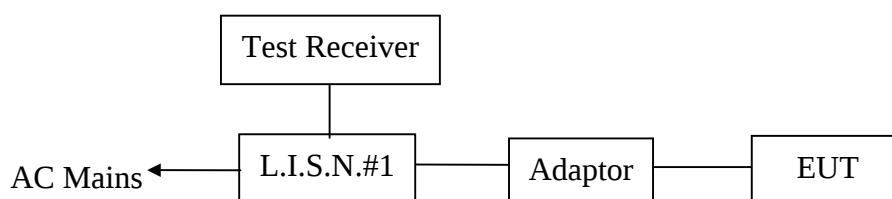
2.1. Test Equipment

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	ESHS10	838693/001	May 15, 06	1 Year
2.	L.I.S.N.#1	Rohde & Schwarz	ESH2-Z5	834066/011	May 15, 06	1 Year
3.	Terminator	Hubersuhner	50Ω	No. 1	May 15, 06	1 Year
4.	RF Cable	MIYAZAKI	5D-2W	LISN Cable 1#	Aug.16, 06	1/2 Year
5.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100340	Aug.16, 06	1/2 Year
6.	Printer	HP	Laserjet2100	SGGJ092351	N/A	N/A

2.2. Block Diagram of Test Setup

2.2.1. Block diagram of connection between the EUT and simulators



(EUT: AC Modular RX)

2.3. Power Line Conducted Emission Test Limits

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μ V)	Average Level dB(μ V)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

2.4. Configuration of EUT on Test

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

2.4.1. AC Modular RX (EUT)

Model Number : 00-063601-00
 Serial Number : N/A
 Manufacturer : Acumen Manufacturing Limited

2.4.2. Support Equipment : As Tested Supporting System Detail, in Section 1.2..

2.5. Operating Condition of EUT

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

2.5.2. Turn on the power of all equipment.

2.5.3. Let the EUT work in test mode (TX mode) and measure it.

2.6. Test Procedure

The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.4-2003 on conducted Emission test.

The bandwidth of test receiver (R & S ESHS10) is set at 10kHz.

The frequency range from 150kHz to 30MHz is checked. The test result are reported on Section 2.7., all the scanning waveforms and test result for Conducted Emission Test are attached in Appendix I.

2.7. Power Line Conducted Emission Test Results

PASS.

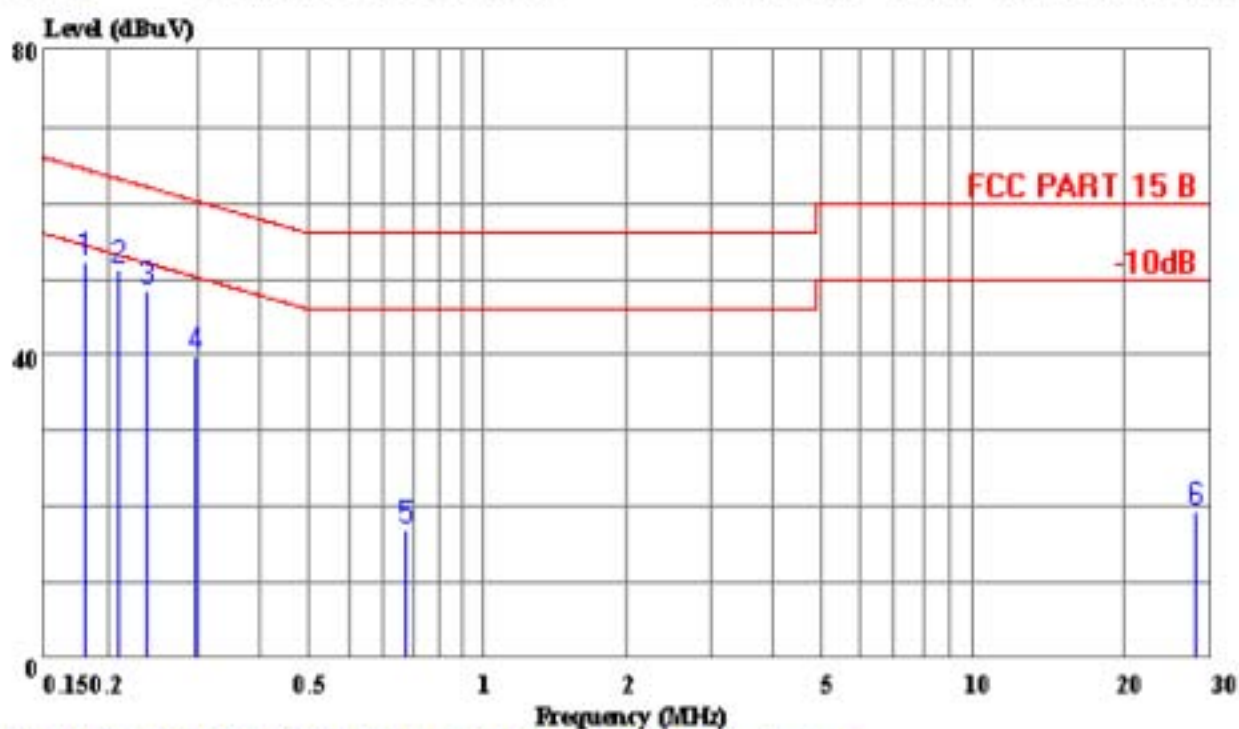


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

NO.6 Ke Feng Road,Block 52,
Shenzhen Science&Industry Park,

Data#: 2 File#: ACS6QH096-3.EMI

Date: 2006-08-04 Time: 01:14:45



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix No.1 Conduction)

Trace:

Ref Trace:

Condition: FCC PART 15 B VA KNW-407

EUT : AC Modular RX

M/N : 00-063601-00

OP Conduction: TX mode

Test Spec : DC 24V Adaptor AC 120V/60Hz

Test Engineer: SECO

Comment : Temp:23' Humi:54%

Memo :

Page: 1

	Freq	Level	Limit	Over	Read	Cable	Probe	
	MHz	dBuV	Line	Limit	Level	Loss	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.180	52.45	64.49	-12.05	41.59	10.21	0.64	QP
2	0.210	51.38	63.22	-11.83	40.72	10.14	0.52	QP
3	0.240	48.48	62.11	-13.63	37.93	10.07	0.48	QP
4	0.299	39.89	60.26	-20.37	29.40	10.08	0.41	QP
5	0.777	17.01	56.00	-38.99	6.65	10.14	0.22	QP
6	28.090	19.33	60.00	-40.67	8.57	10.23	0.53	QP

1. Emission Level= LISN Factor + Cable Loss + Reading.

2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

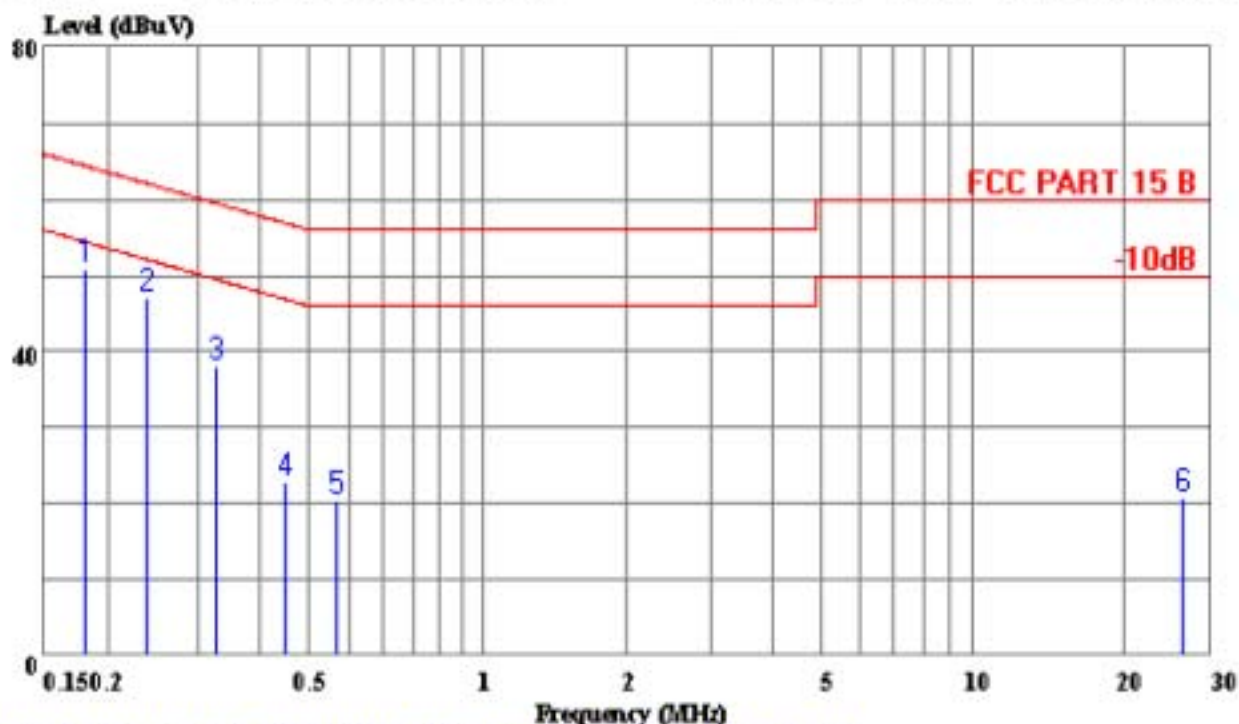


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

NO.6 Ke Feng Road,Block 52,
Shenzhen Science&Industry Park,

Data#: 4 File#: ACS6QH096-3.EMI

Date: 2006-08-04 Time: 01:18:03



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix No.1 Conduction)

Trace:

Ref Trace:

Condition: FCC PART 15 B VB KNW-407

EUT : AC Modular RX

M/N : 00-063601-00

OP Conduction: TX mode

Test Spec : DC 24V Adaptor AC 120V/60Hz

Test Engineer: SECO

Comment : Temp:23' Humi:54%

Memo :

Page: 1

	Freq	Level	Limit	Over	Read	Cable	Probe	
	MHz	dBuV	Line	Limit	Level	Loss	Factor	Remark
			dBuV	dB	dBuV	dB	dB	
1	0.180	51.04	64.49	-13.45	39.68	10.21	1.15	QP
2	0.240	46.96	62.11	-15.16	36.01	10.07	0.87	QP
3	0.329	38.02	59.47	-21.45	27.23	10.07	0.72	QP
4	0.449	22.92	56.90	-33.98	12.23	10.12	0.57	QP
5	0.568	20.57	56.00	-35.43	9.97	10.12	0.48	QP
6	26.418	20.79	60.00	-39.21	9.81	10.28	0.71	QP

1. Emission Level= LISN Factor + Cable Loss + Reading.
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

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

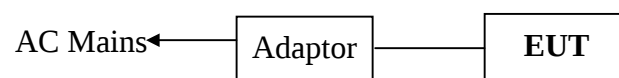
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Spectrum	HP	85422E	3625A00181	May 15, 06	1 Year
2.	Test Receiver	Rohde & Schwarz	ESVS20	830350/005	May 15, 06	1 Year
3.	Amplifier	HP	8447D	2944A07794	Mar.13, 06	1/2 Year
4.	Bilog Antenna	Schaffner	CBL6111C	2598	Jan.11, 06	1 Year
5.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.1	Jul. 23, 06	1/2 Year
6.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Jul. 23, 06	1/2 Year
7.	RF Cable	FUJIKURA _w	RG-55/U	3# Chamber No.3	Jul. 23, 06	1/2 Year
8.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Jul. 23, 06	1/2 Year
9.	Coaxial Switch	Anritsu	MP59B	M73989	Jul. 23, 06	1/2 Year

3.1.2. For Anechoic Chamber (Above 1000MHz)

1.	Coaxial Switch	Anritsu	MP59B	M73989	May 15, 06	1/2 Year
2.	Spectrum	Agilent	E4407B	MY41440292	May 15, 06	1 Year
3.	Amp	HP	8449B	3008A00863	May 15, 06	1 Year
4.	Antenna	EMCO	3115	9607-4877	Jun. 05, 05	1.5 Year

3.2. Block Diagram of Test Setup

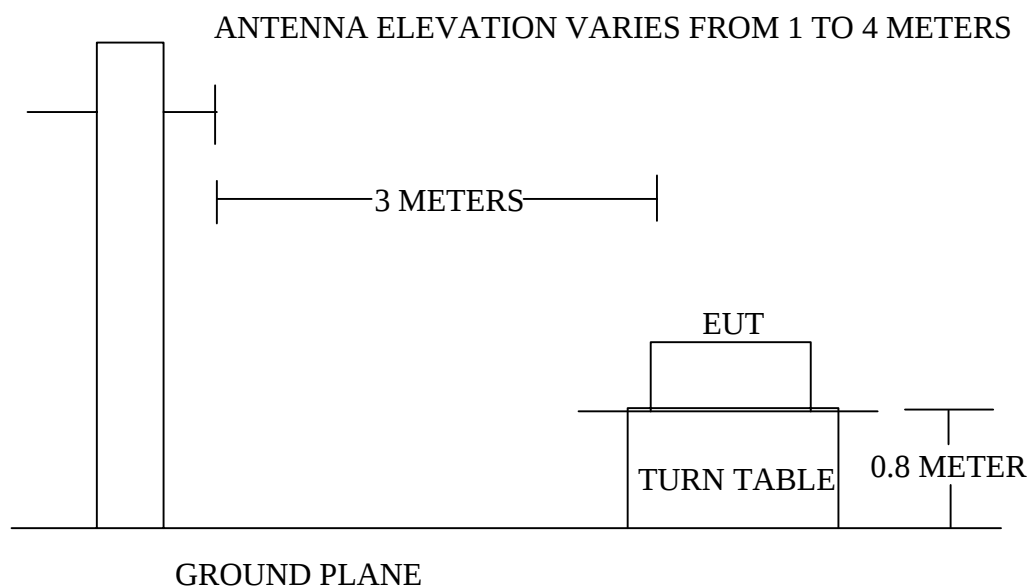
3.2.1. Block Diagram of connection between EUT and simulators



(EUT: AC Modular RX)

3.2.2. Anechoic Chamber Setup Diagram

ANTENNA TOWER



3.3. Radiated Emission Limit 30~1000MHz Standard: FCC Part 15

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
Local Oscillator:	3	77.5dB(μV)/m	
Above 1000	3	Other: 74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

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

3.4. EUT Configuration on Test

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

3.4.1. AC Modular RX (EUT)

Model Number : 00-063601-00
 Serial Number : N/A
 Manufacturer : Acumen Manufacturing Limited

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 (TX mode) 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 bandwidth of the VBW is set at 300kHz and RBW is set at 120kHz for measurement below 1GHz.

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

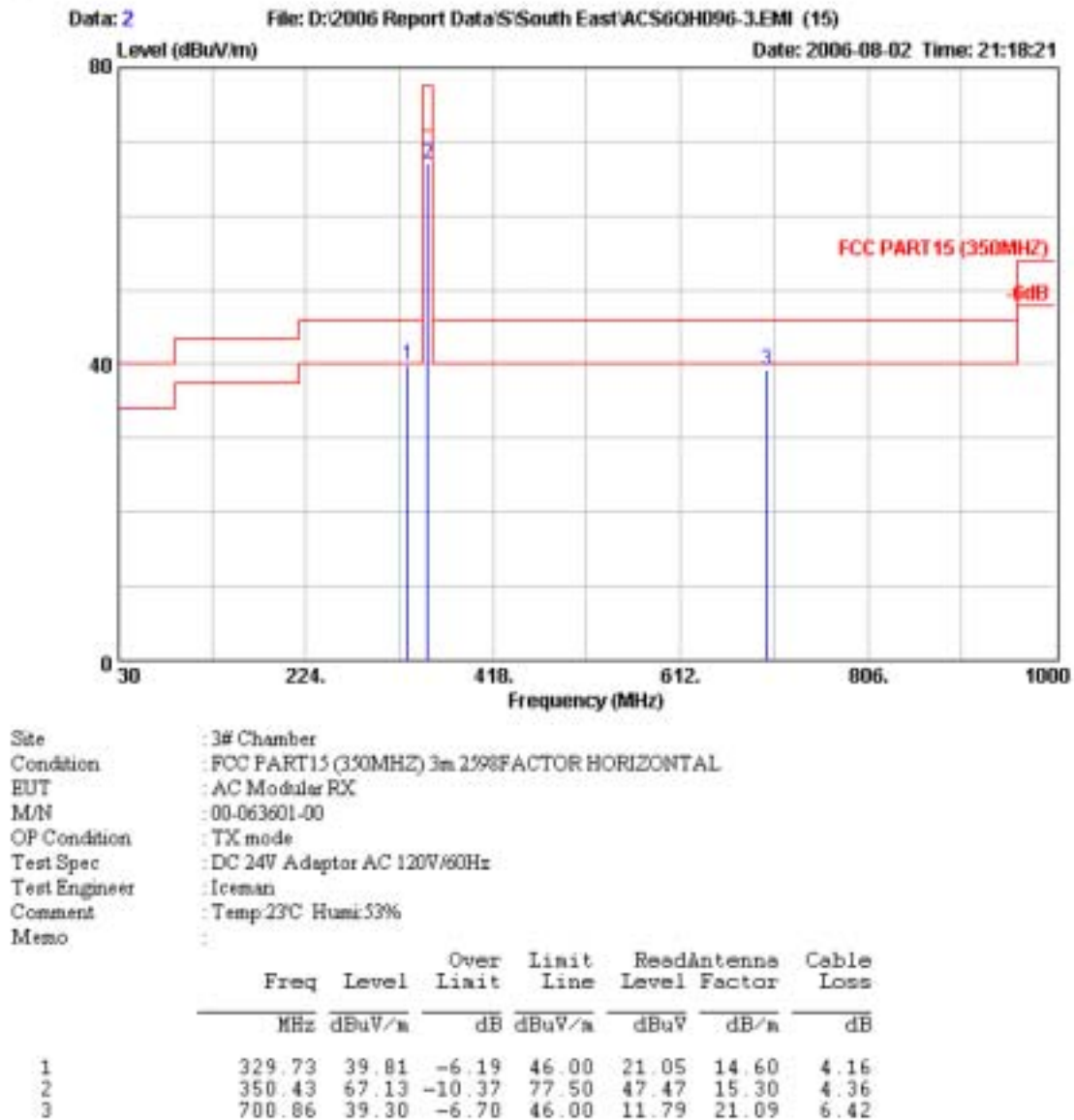
The test modes (TX) is tested in Anechoic Chamber and all the scanning waveforms are attached in Appendix II.

3.7. Radiated Emission Test Results

PASS.



No.6 Ke Feng Road,Block 52,
Nan shan Science&Industry
shen zhen Guangdong
<http://www.audix.com.cn>



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

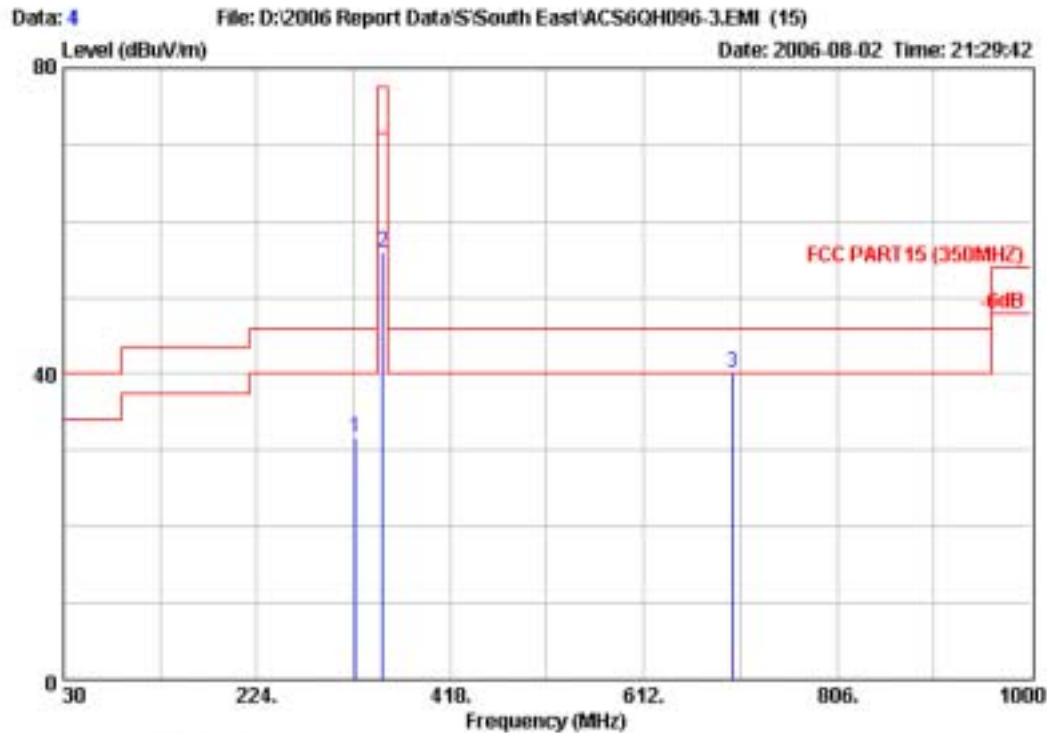
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 329.73 MHz with corrected signal level of 39.81dB μ V/m (Limit is 46.00dB μ V/m).

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



No.6 Ke Feng Road,Block 52,
Nan shan Science&Industry
shen zhen Guangdong
<http://www.audix.com.cn>



Site : 3# Chamber
Condition : FCC PART15 (350MHZ) 3m 2998FACTOR VERTICAL
EUT : AC Modular RX
M/N : 00-063601-00
OP Condition : TX mode
Test Spec : DC 24V Adaptor AC 120V/60Hz
Test Engineer : Iceman
Comment : Temp 23°C Humi 53%
Memo :

	Freq	Level	Over Limit	Limit Line	ReedAntenna Level Factor	Cable Loss	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB
1	322.94	31.56	-14.44	46.00	13.76	13.77	4.03
2	350.43	55.89	-21.61	77.50	36.73	14.80	4.36
3	700.86	40.07	-5.93	46.00	12.66	20.99	6.42

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

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

3. The worst emission was detected at 700.86 MHz with corrected signal level of 40.07 dB μ V/m (Limit is 46.00dB μ V/m).

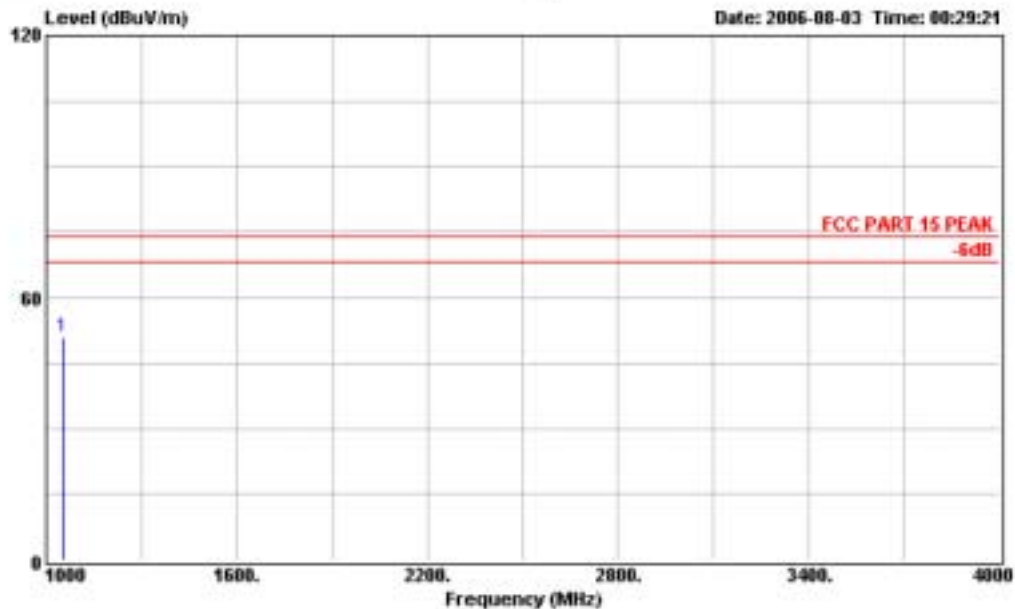
4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.



Audix Technology (Shanghai) Co., Ltd.
 3F #34Bldg. No.680 GuiPing Rd.,
 CaoHeJing Hi-Tech Park,
 Shanghai, China 200233
 Tel:+86-21-64955500 Fax:+86-21-64955491
 audixaci@8848.net

Data#: 2

File#: D:\2006 data\s\South East\ACS6QHD96-3.EMI



Site : 1# Chamber
 Condition : FCC PART 15 PEAK 3m 3115 FACTOR HORIZONTAL
 EUT : AC Modular RX
 M/N : 00-063601-00
 OP Condition : TX mode
 Test Spec : DC 24V Adapter AC 120V/60Hz
 Test Engineer : lccman
 Comment : Temp:23°C Humi:53%

			Over	Limit	Read	Probe	Cable	
Freq	Level	Limit	Line	Level	Factor	Loss	Remark	
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB		
1	1051.000	50.96	-23.04	74.00	22.93	24.50	3.53	Peak

Remark: 1. All readings are Average and Peak values.

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

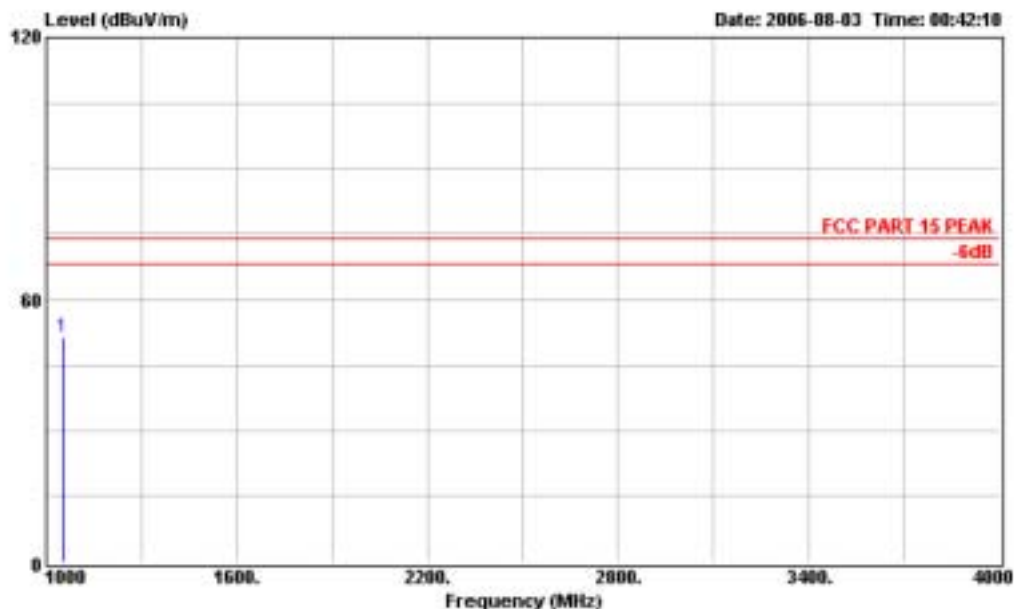
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.



Audix Technology (Shanghai) Co., Ltd.
 3F #34Bldg. No.680 GuiPing Rd.,
 CaoHeJing Hi-Tech Park,
 Shanghai, China 200233
 Tel:+86-21-64955500 Fax:+86-21-64955491
 audixaci@8848.net

Data#: 5

File#: D:\2006 data\s\South East\ACS6QH096-3.EMI



Site : 1# Chamber
 Condition : FCC PART 15 PEAK 3m 3115 FACTOR VERTICAL
 EUT : AC Modular RX
 M/N : 00-063601-00
 OP Condition : TX mode
 Test Spec : DC 24V Adapter AC 120V/60Hz
 Test Engineer : Iceeman
 Comment : Temp:23°C Humi:53%

Freq	Level	Over Limit		Read Level	Probe Factor	Cable		Remark
		Limit	Line			Loss	dB	
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB		
1 1051.000	51.36	-22.64	74.00	23.33	24.50	3.53		Peak

Remark: 1. All readings are Average and Peak values.

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

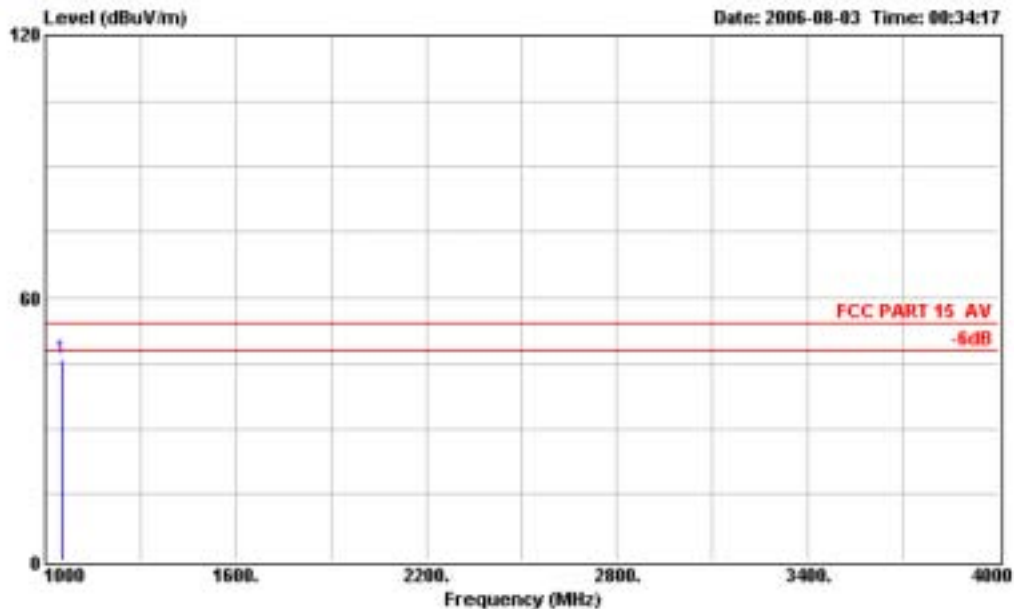
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.



Audix Technology (Shanghai) Co., Ltd.
 3F #34Bldg. No.680 GuiPing Rd.,
 CaoHeJing Hi-Tech Park,
 Shanghai, China 200233
 Tel:+86-21-64955500 Fax:+86-21-64955491
 audixaci@8848.net

Data#: 3

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Site : 1# Chamber
 Condition : FCC PART 15 AV 3m 3115 FACTOR HORIZONTAL
 EUT : AC Modular RX
 M/N : 00-063601-00
 OP Condition : TX mode
 Test Spec : DC 24V Adapter AC 120V/60Hz
 Test Engineer : lceman
 Comment : Temp:23°C Humi:53%

			Over	Limit	Read	Probe	Cable	
Freq	Level	Limit	Line	Level	Factor	Loss	Remark	
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB		
1	1051.000	45.96	-8.04	54.00	17.93	24.50	3.53	Average

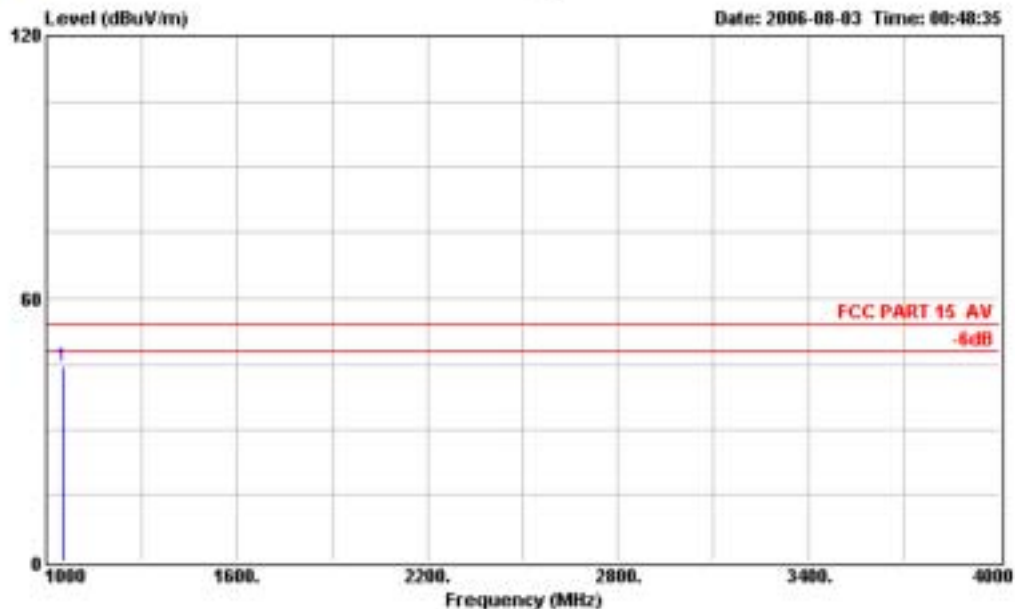
- Remark: 1. All readings are Average and Peak values.
 2. Emission Level = Antenna Factor + Meter Reading + Cable Loss
 3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.



Audix Technology (Shanghai) Co., Ltd.
 3F #34Bldg. No.680 GuiPing Rd.,
 CaoHeJing Hi-Tech Park,
 Shanghai, China 200233
 Tel:+86-21-64955500 Fax:+86-21-64955491
 audixaci@8848.net

Data#: 6

File#: D:\2006 data\s\South East\ACS6QH096-3.EMI



Site : 1# Chamber
 Condition : FCC PART 15 AV 3m 3115 FACTOR VERTICAL
 EUT : AC Modular RX
 M/N : 00-063601-00
 OP Condition : TX mode
 Test Spec : DC 24V Adapter AC 120V/60Hz
 Test Engineer : Iceeman
 Comment : Temp:23°C Humi:53%

Freq	Level	Over Limit		Read	Probe	Cable	Remark
		Limit	Line				
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	
1 1051.000	44.36	-9.64	54.00	16.33	24.50	3.53	Average

- Remark: 1. All readings are Average and Peak values.
 2. Emission Level = Antenna Factor + Meter Reading + Cable Loss
 3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

4. EDGE BAND 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 15, 06	1 Year
2.	Test Receiver	Rohde & Schwarz	ESVS20	830350/005	May 15, 06	1 Year
3.	Amplifier	HP	8447D	2944A07794	Mar.13, 06	1/2 Year
4.	Bilog Antenna	Schaffner	CBL6111C	2598	Jan.11, 06	1 Year
5.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.1	Jul. 23, 06	1/2 Year
6.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Jul. 23, 06	1/2 Year
7.	RF Cable	FUJIKURA _w	RG-55/U	3# Chamber No.3	Jul. 23, 06	1/2 Year
8.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Jul. 23, 06	1/2 Year
9.	Coaxial Switch	Anritsu	MP59B	M73989	Jul. 23, 06	1/2 Year

4.2. Test Standard

FCC Part 15 C

4.3. Test Procedure

PASS.

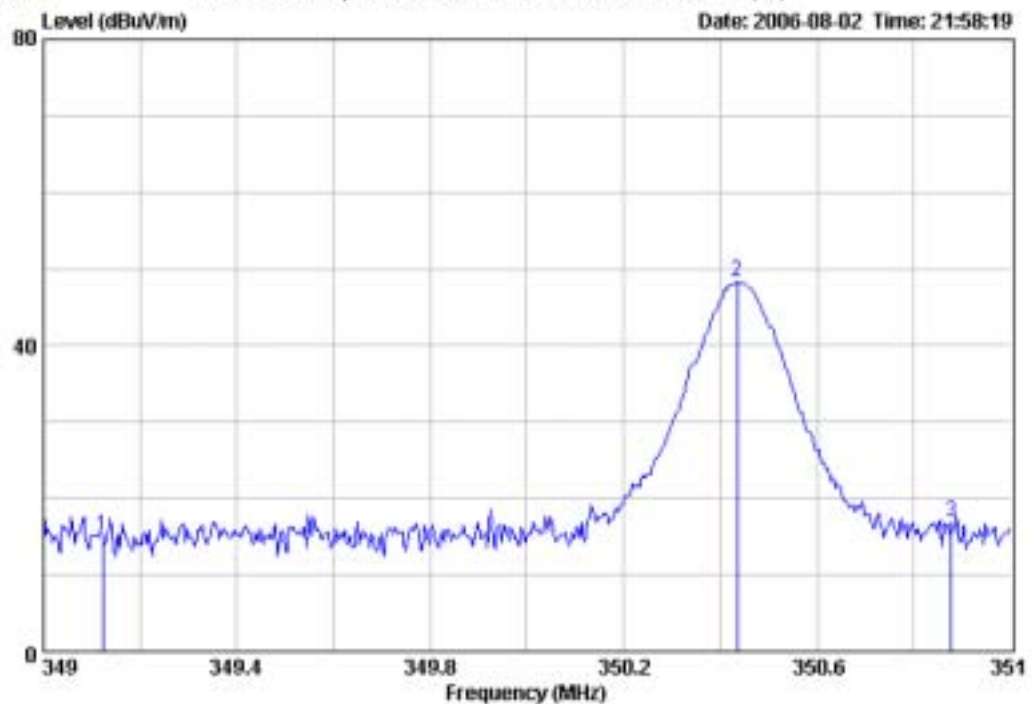
The testing data was attached in the next pages.



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Data: 5

File: D:\2006 Report Data\South East\ACS6QH096-3.EMI (15)



Site : 3# Chamber
Condition : 3m 2598FACTOR VERTICAL
EUT : AC Modular RX
M/N : 00-063601-00
OP Condition : TX mode
Test Spec : DC 24V Adaptor AC 120V/60Hz
Test Engineer : Iceman
Comment : Temp:23°C Humi:53%
Memo : Bandwidth

	Freq	Level	Over	Limit	ReadAntenna	Cable
	MHz	dBuV/m	Limit	Line	Level Factor	Loss
			dB	dBuV/m	dBuV	dB/m
1	349.12	15.06	-----	-----	23.56	14.77
2	350.43	48.27	-----	-----	56.74	14.80
3	350.88	16.95	-----	-----	25.42	14.80

5. 99% BAND WITH

5.1. Test Equipment

The following test equipments are used during the bandwidth test:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
10.	EMI Spectrum	HP	85422E	3625A00181	May 15, 06	1 Year
11.	Test Receiver	Rohde & Schwarz	ESVS20	830350/005	May 15, 06	1 Year
12.	Amplifier	HP	8447D	2944A07794	Mar.13, 06	1/2 Year
13.	Bilog Antenna	Schaffner	CBL6111C	2598	Jan.11, 06	1 Year
14.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.1	Jul. 23, 06	1/2 Year
15.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Jul. 23, 06	1/2 Year
16.	RF Cable	FUJIKURAw	RG-55/U	3# Chamber No.3	Jul. 23, 06	1/2 Year
17.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Jul. 23, 06	1/2 Year
18.	Coaxial Switch	Anritsu	MP59B	M73989	Jul. 23, 06	1/2 Year

5.2. Test Standard

FCC Part 15 C

5.3. Test Procedure

PASS.

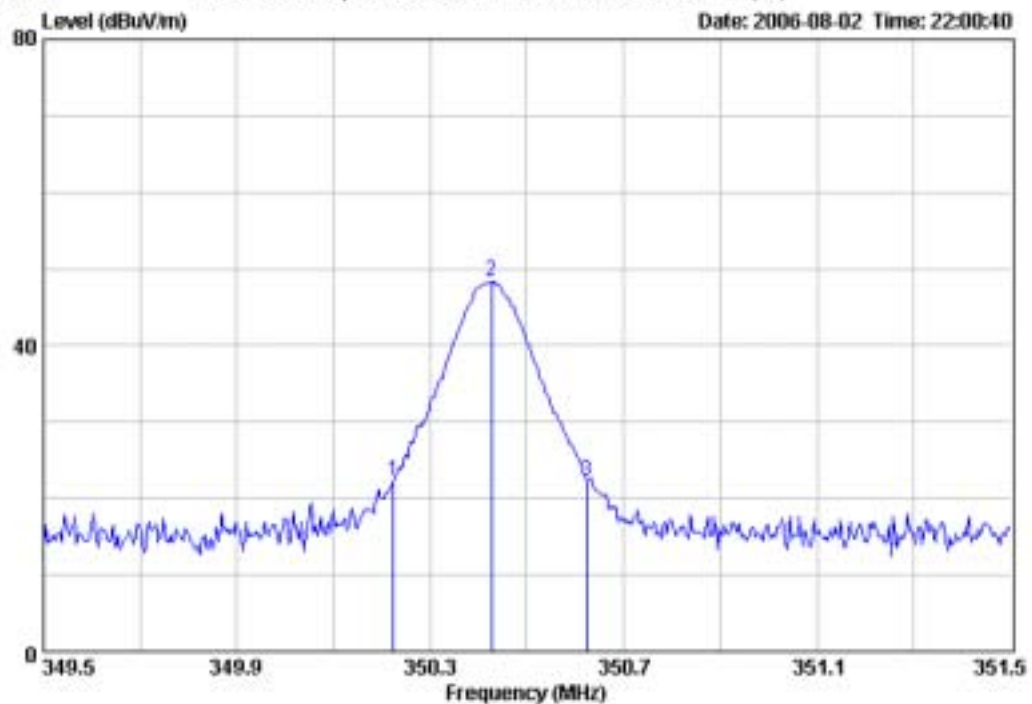
The testing data was attached in the next pages.



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Data: 6

File: D:\2006 Report Data\South East\ACS6QH096-3.EMI (15)



Site : 3# Chamber
Condition : 3m 2598FACTOR VERTICAL
EUT : AC Modular RX
M/N : 00-063601-00
OP Condition : TX mode
Test Spec : DC 24V Adaptor AC 120V/60Hz
Test Engineer : Iceman
Comment : Temp:23°C Hum:53%
Memo : 99% BW:400KHz
Sweep Time:100ms

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB
1	350.22	22.29	-----	-----	30.76	14.80	4.36
2	350.43	48.29	-----	-----	56.76	14.80	4.36
3	350.62	22.21	-----	-----	30.68	14.80	4.37

6. 20DB BAND WITH

6.1. Test Equipment

The following test equipments are used during the bandwidth test:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
19.	EMI Spectrum	HP	85422E	3625A00181	May 15, 06	1 Year
20.	Test Receiver	Rohde & Schwarz	ESVS20	830350/005	May 15, 06	1 Year
21.	Amplifier	HP	8447D	2944A07794	Mar.13, 06	1/2 Year
22.	Bilog Antenna	Schaffner	CBL6111C	2598	Jan.11, 06	1 Year
23.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.1	Jul. 23, 06	1/2 Year
24.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Jul. 23, 06	1/2 Year
25.	RF Cable	FUJIKURAw	RG-55/U	3# Chamber No.3	Jul. 23, 06	1/2 Year
26.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Jul. 23, 06	1/2 Year
27.	Coaxial Switch	Anritsu	MP59B	M73989	Jul. 23, 06	1/2 Year

6.2. Test Standard

FCC Part 15 C

6.3. Test Procedure

PASS.

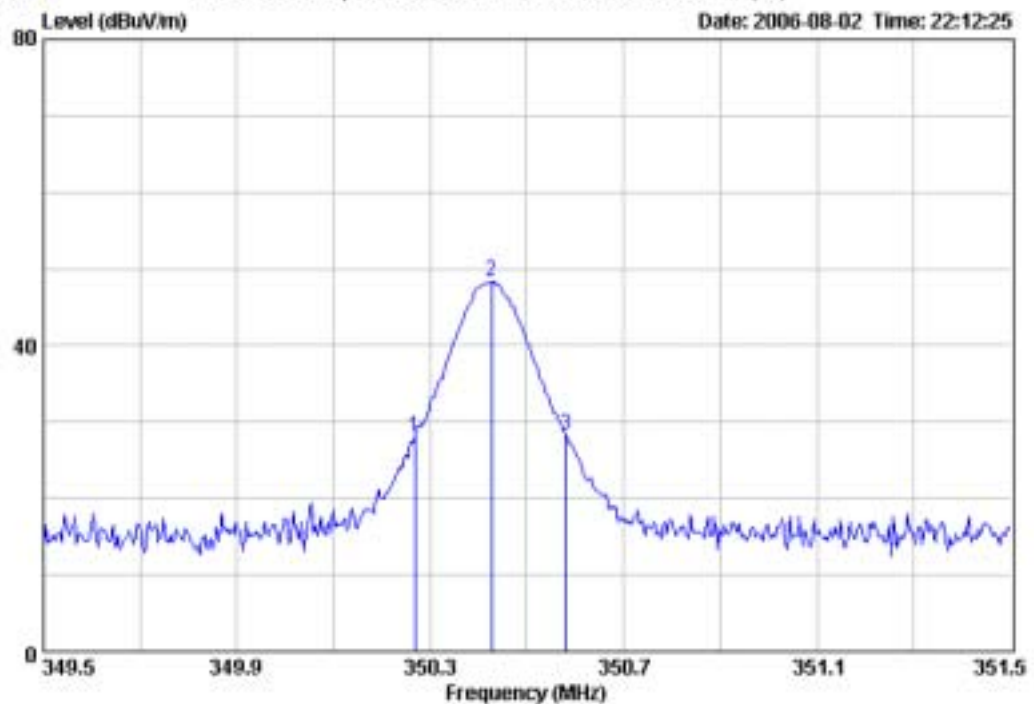
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Data: 7

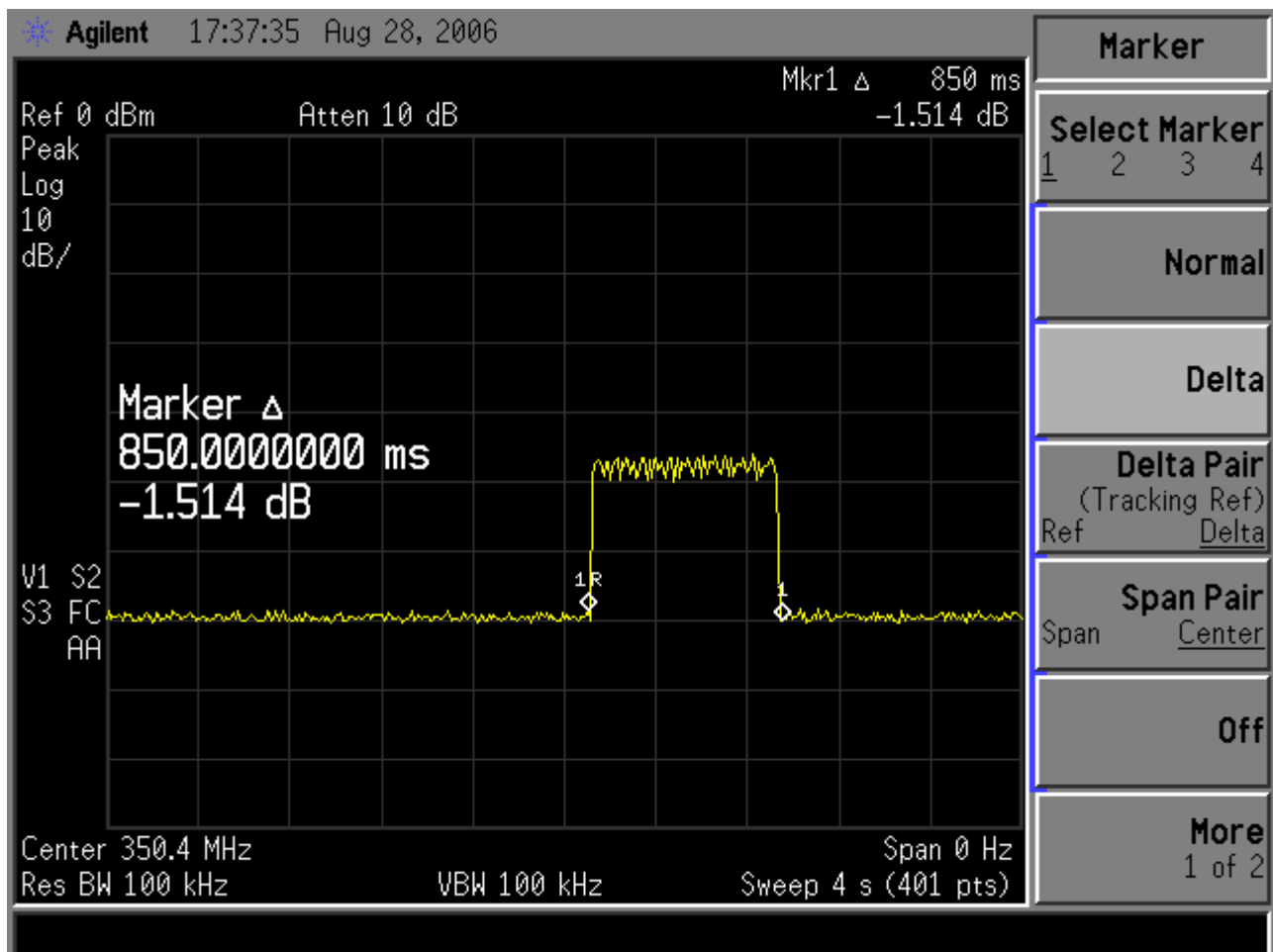
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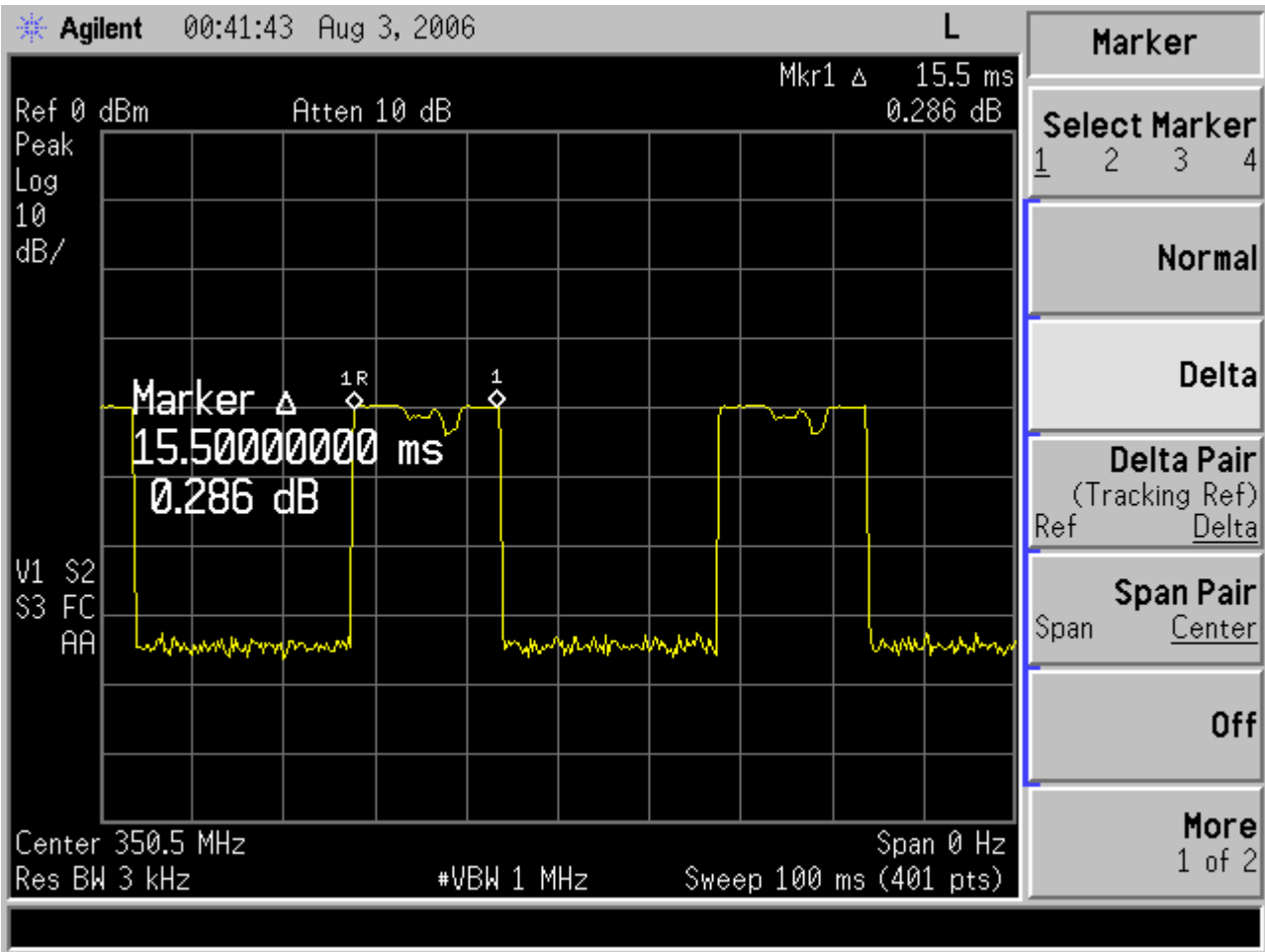
Site : 3# Chamber
Condition : 3m 2598FACTOR VERTICAL
EUT : AC Modular RX
M/N : 00-063601-00
OP Condition : TX mode
Test Spec : DC 24V Adaptor AC 120V/60Hz
Test Engineer : Iceman
Comment : Temp:23°C Hum:53%
Memo : 20dB Bandwidth=312KHz

	Freq	Level	Over	Limit	ReadAntenna	Cable
	MHz	dBuV/m	Limit	Line	Level Factor	Loss
			dB	dBuV/m	dBuV	dB/m
1	350.27	28.18	-----	-----	36.65	14.80
2	350.43	48.29	-----	-----	56.76	14.80
3	350.58	28.30	-----	-----	36.77	14.80

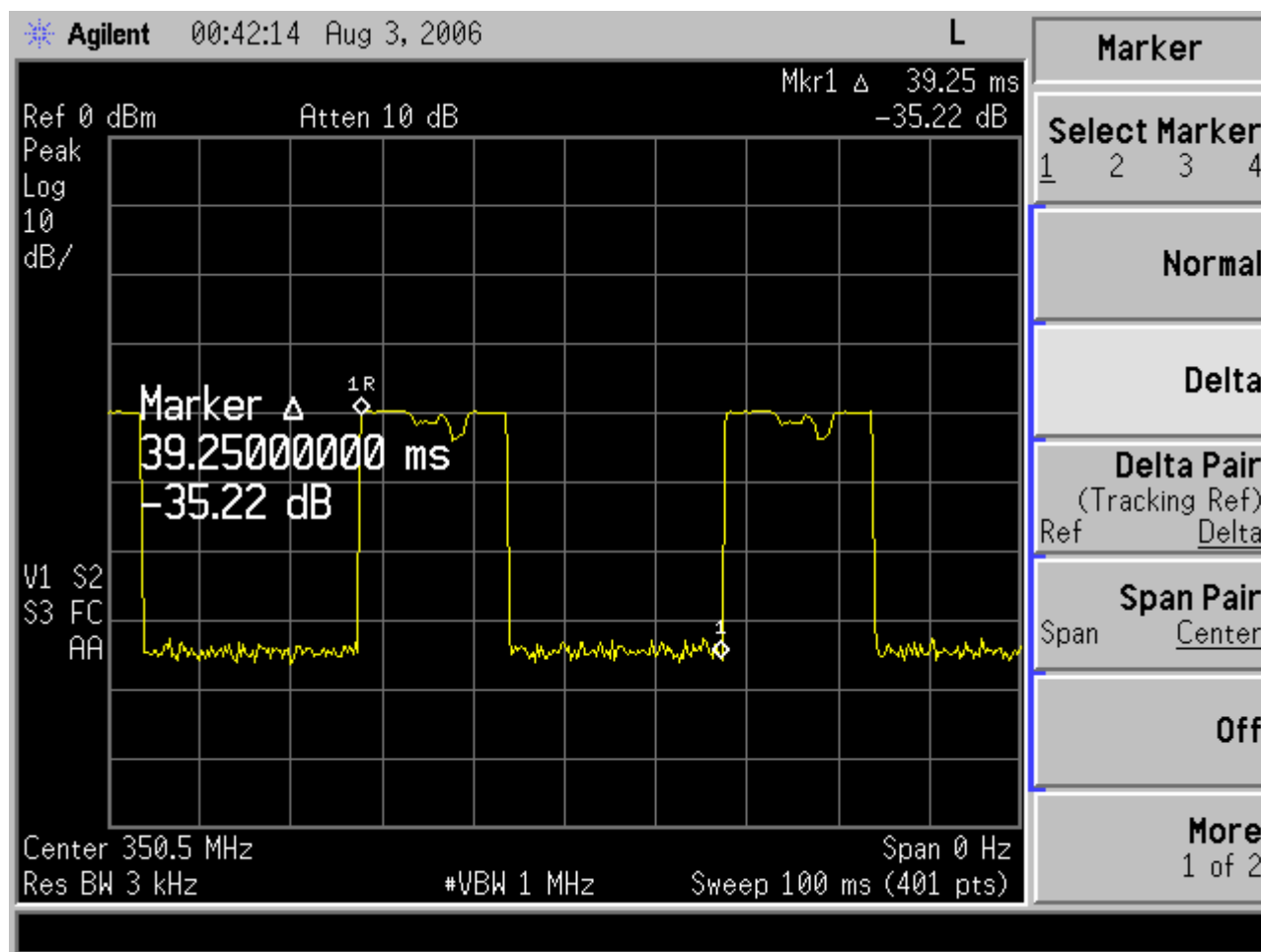
7. UNIT STOPS TRANSMITTING TIME



8. CORRETION FACTOR



ON time=15.50ms



ON time+OFF time=39.25ms

Correction factor= $20\log(\text{ON time}/\text{ON time}+\text{OFF time})=20\log(15.5\text{ms}/39.25\text{ms})=-8.07\text{dB}$

Freq(MHz)	Peak Level (dBuV)	Correction factor(dB)	After Correction(dBuV) HORIZONTAL	Limit(dBuV)
1051.00	50.96	8.07	42.89	54.00

1051.00, The peak levels and SUBTRACT the correction factor, It is BELOW the AVERAGE limit of 54.00 dBuV so the PASS.

Freq(MHz)	Peak Level (dBuV)	Correction factor(dB)	After Correction(dBuV) VERTICAL	Limit(dBuV)
1051.00	51.36	8.07	43.29	54.00

1051.00, The peak levels and SUBTRACT the correction factor, It is BELOW the AVERAGE limit of 54.00 dBuV so the PASS.

9. DEVIATION TO TEST SPECIFICATIONS

[NONE]

APPENDIX I

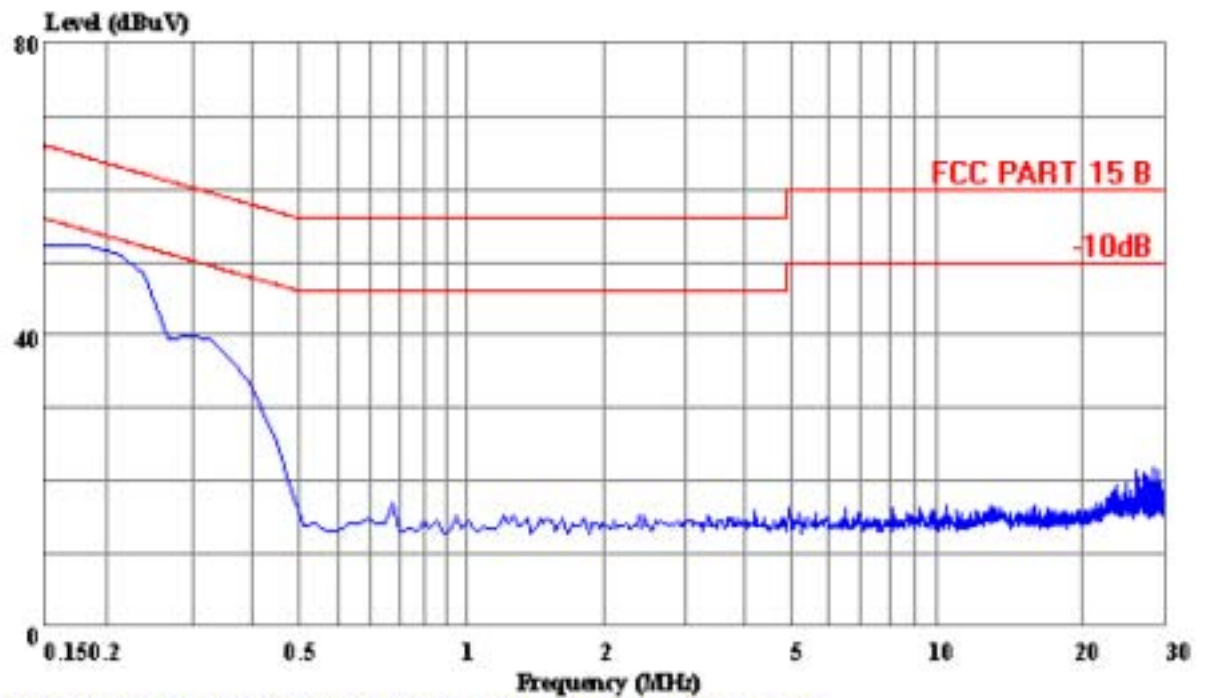


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

NO.6 Ke Feng Road,Block 52,
Shenzhen Science&Industry Park,

Data#: 1 File#: ACS6QH096-3.EMI

Date: 2006-08-04 Time: 01:14:09



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix No.1 Conduction)

Trace:

Ref Trace:

Condition: FCC PART 15 B VA KRW-407

EUT : AC Modular RX

M/N : 00-063601-00

OP Conduction: TX mode

Test Spec : DC 24V Adaptor AC 120V/60Hz

Test Engineer: SECO

Comment : Temp:23' Humi:54%

Memo :

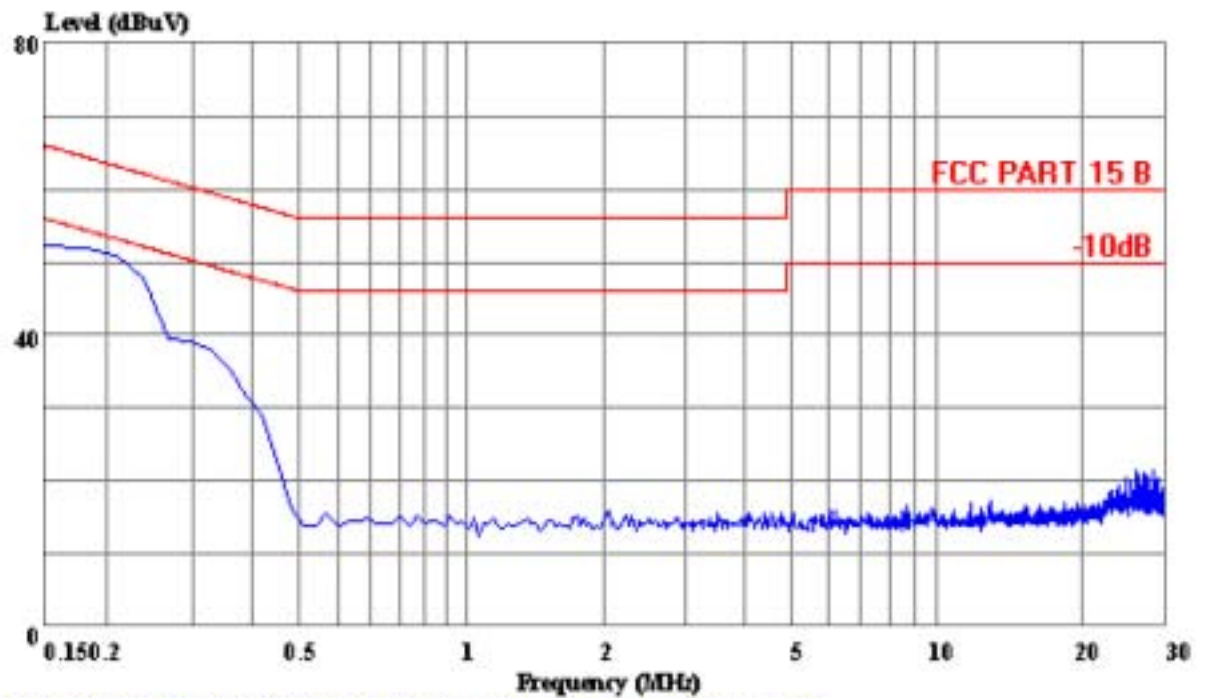


AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

NO.6 Ke Feng Road,Block 52,
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Data#: 3 File#: ACS6QH096-3.EMI

Date: 2006-08-04 Time: 01:17:52



AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. (Audix No.1 Conduction)

Trace:

Ref Trace:

Condition: FCC PART 15 B VB KNW-407

EUT : AC Modular RX

M/N : 00-063601-00

OP Conduction: TX mode

Test Spec : DC 24V Adaptor AC 120V/60Hz

Test Engineer: SECO

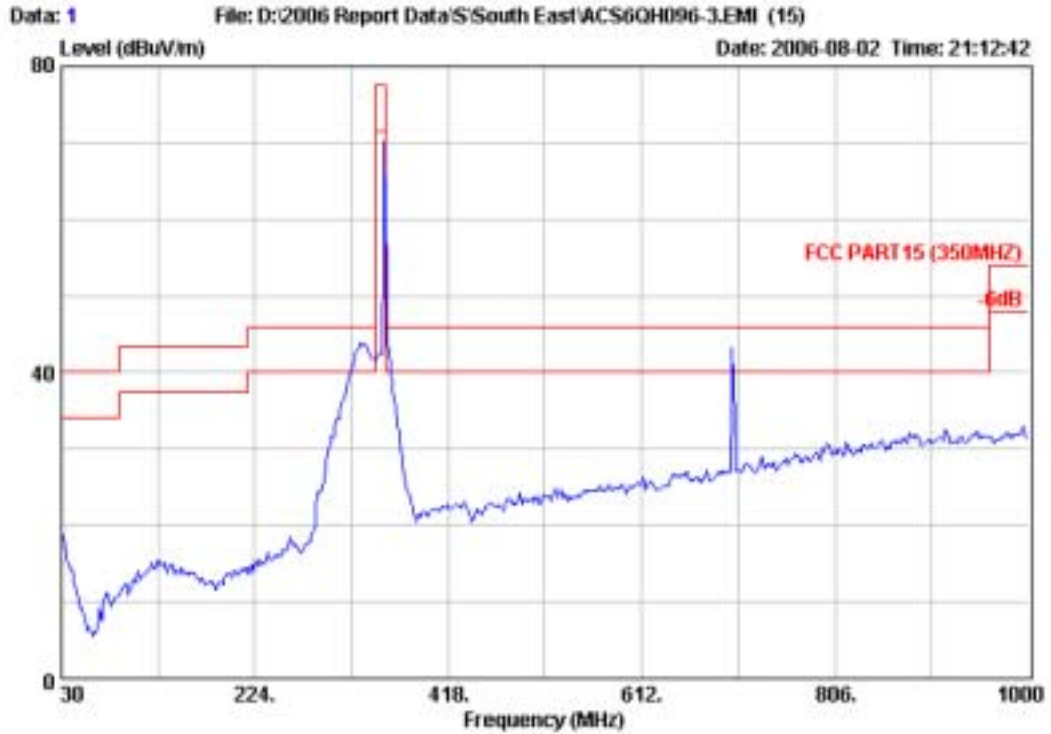
Comment : Temp:23' Humi:54%

Memo :

APPENDIX II



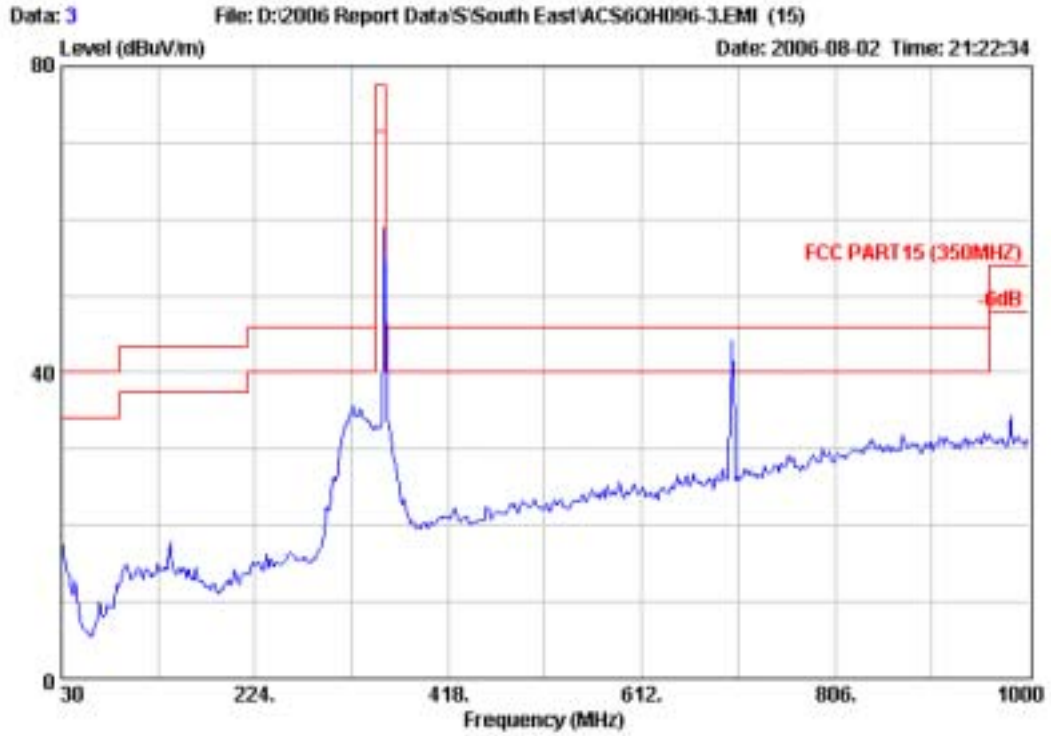
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Site	: 3# Chamber
Condition	: FCC PART15 (350MHz) 3m 2598FACTOR HORIZONTAL
EUT	: AC Modular RX
M/N	: 00-063601-00
OP Condition	: TX mode
Test Spec	: DC 24V Adaptor AC 120V/60Hz
Test Engineer	: Iceman
Comment	: Temp:23°C Humi:53%
Memo	:



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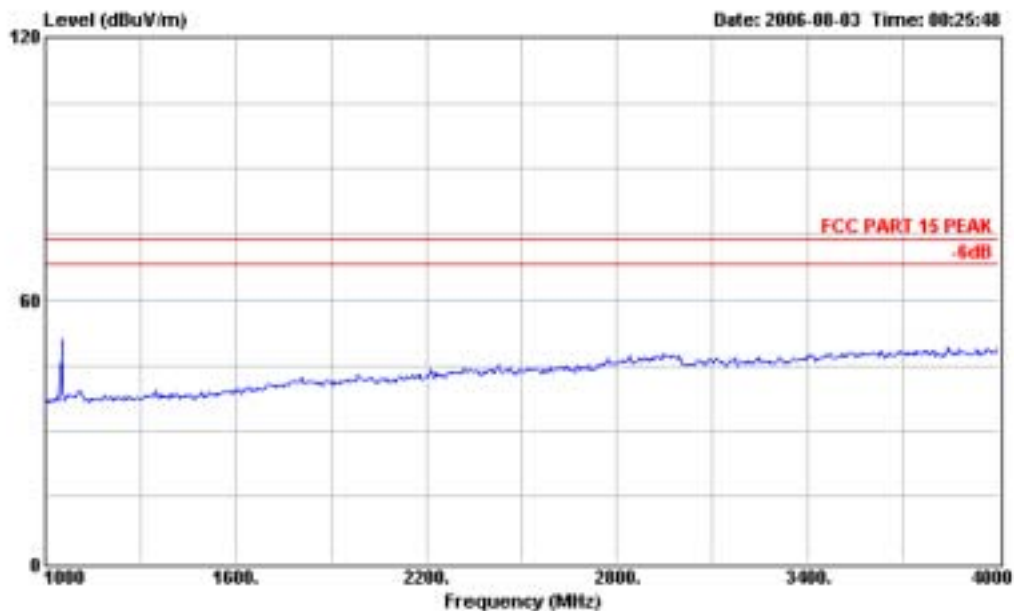


Site : 3# Chamber
Condition : FCC PART15 (350MHz) 3m 2598FACTOR VERTICAL
EUT : AC Modular RX
M/N : 00-063601-00
OP Condition : TX mode
Test Spec : DC 24V Adaptor AC 120V/60Hz
Test Engineer : Iceman
Comment : Temp:23°C Humi:53%
Memo :



Audix Technology (Shanghai) Co., Ltd.
3F #34Bldg. No.680 GulPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China 200233
Tel:+86-21-64955500 Fax:+86-21-64955491
audixaci@8848.net

Data#: 1 File#: D:\2006 data\s\South East\ACS6QH096-3.EMI



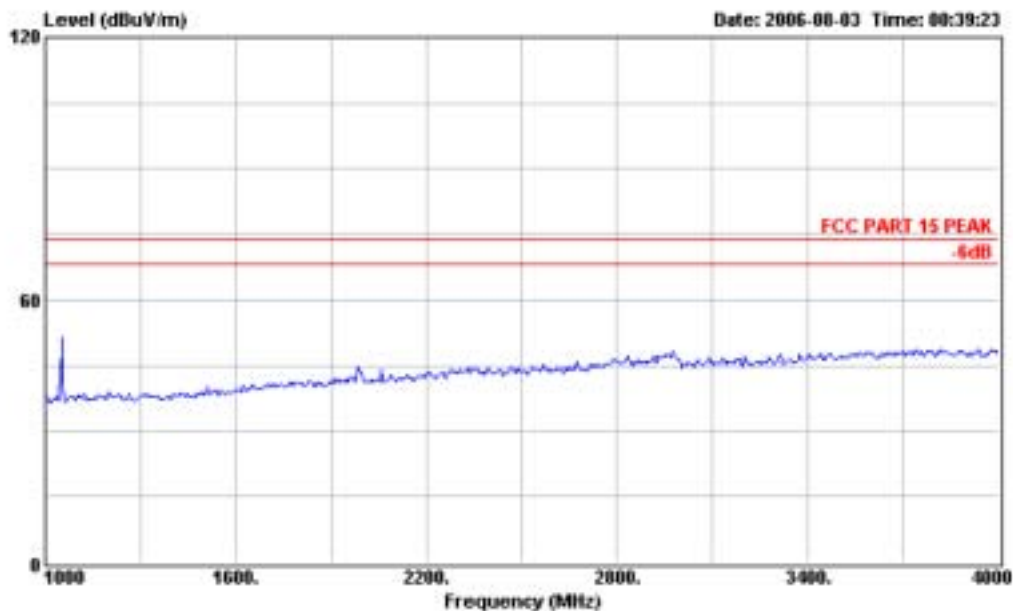
Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR HORIZONTAL
EUT : AC Modular RX
M/N : 00-063601-00
OP Condition : TX mode
Test Spec : DC 24V Adapter AC 120V/60Hz
Test Engineer : Iceman
Comment : Temp:23°C Humid:53%



Audix Technology (Shanghai) Co., Ltd.
3F #34Bldg. No.680 GulPing Rd.,
CaoHeJing Hi-Tech Park,
Shanghai, China 200233
Tel:+86-21-64955500 Fax:+86-21-64955491
audixaci@8848.net

Data#: 4

File#: D:\2006 data\s\South East\ACS6QH096-3.EMI



Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR VERTICAL
EUT : AC Modular RX
M/N : 00-063601-00
OP Condition : TX mode
Test Spec : DC 24V Adapter AC 120V/60Hz
Test Engineer : Iceman
Comment : Temp:23°C Humid:53%