

Jing Mold Electronics Technology (Shenzhen) Co., Ltd

RF Receiver

Model Number: JME-3236A/2105

Prepared for : Jing Mold Electronics Technology (Shenzhen) Co., Ltd
Xin Qian, 3rd Industrial Estate, Shajing Baoan, Shenzhen,
China.

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Ke Feng Rd., 52 Block,
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Report Number : ACS-F06517
Date of Test : Sep.19~24,2006
Date of Report : Oct.24,2006

TABLE OF CONTENTS

Description	Page
Test Report Declaration	
1. SUMMARY OF STANDARDS AND RESULTS	4
1.1. Description of Standards and Results	4
2. GENERAL INFORMATION	2-1
2.1. Description of Device (EUT)	2-1
2.2. Tested Supporting System Details	2-2
2.3. Test Facility	2-3
2.4. Measurement Uncertainty	2-3
3. POWER LINE CONDUCTED EMISSION TEST	3-1
3.1. Test Equipment	3-1
3.2. Block Diagram of Test Setup	3-1
3.3. Power Line Conducted Emission Test Limits	3-1
3.4. Configuration of EUT on Test	3-2
3.5. Operating Condition of EUT	3-2
3.6. Test Procedure	3-2
3.7. Power Line Conducted Emission Test Results	3-2
4. RADIATED EMISSION TEST	4-1
4.1. Test Equipment	4-1
4.2. Block Diagram of Test Setup	4-2
4.3. Radiated Emission Limit Standard: FCC 15.249	4-3
4.4. EUT Configuration on Test	4-3
4.5. Operating Condition of EUT	4-3
4.6. Test Procedure	4-4
4.7. Radiated Emission Test Results	4-4
5. BAND EDGES MEASUREMENT	5-19
5.1. Test Equipment	5-19
5.2. Block Diagram of Test Setup	5-19
5.3. Test Standard	5-19
5.4. Band Edges Limit	5-19
5.5. Test Procedure	5-19
6. DEVIATION TO TEST SPECIFICATIONS	6-1
7. PHOTOGRAPH	7-1
7.1. Photos of Power line conducted Emission Test	7-1
7.2. Photos of Radiated Emission Test (In Anechoic Chamber)	7-2
7.3. Photos of Band Edges Test	7-3

APPENDIX I	(3 pages)
APPENDIX II	(15 pages)

TEST REPORT DECLARATION

Applicant : Jing Mold Electronics Technology (Shenzhen) Co., Ltd
Manufacturer : Jing Mold Electronics Technology (Shenzhen) Co., Ltd
EUT Description : RF Receiver
(A) MODEL NO. : JME-3236A/2105
(B) SERIAL NO. : N/A
(C) POWER SUPPLY : DC 5V From PC AC 120V/60Hz

Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart C 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 NVLAP or any agency of the U.S. Government.

Date of Test : Sep.19~24,2006

Prepared by : Annie Wu / Assistant

Reviewer : Sean Xing / Assistant Manager

Approved & Authorized Signer : Ken Lu / Deputy Manager

Name of the Representative of the Responsible Party : _____

Signature : _____

1. SUMMARY OF STANDARDS AND RESULTS

1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

EMISSION			
Description of Test Item	Standard	Limits	Results
Power Line Conducted Emission Test	FCC Part 15: 2006 ANSI C63.4-2003	Class C Limit	PASS
Radiated Emission Test	FCC Part 15: 2006 ANSI C63.4-2003	Class C Limit	PASS
Band edges measurement	FCC Part 15: 2006 ANSI C63.4-2003	Class C Limit	PASS

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Description : RF Receiver

Model Number : JME-3236A/2105
There are completely same except model name different.

Applicant : Jing Mold Electronics Technology (Shenzhen) Co., Ltd
Xin Qian, 3rd Industrial Estate, Shajing Baoan, Shenzhen,
China.

Manufacturer : Jing Mold Electronics Technology (Shenzhen) Co., Ltd
Xin Qian, 3rd Industrial Estate, Shajing Baoan, Shenzhen,
China.

Date of Test : Sep.19~24,2006

2.2. Tested Supporting System Details

2.2.1. Personal Computer

EMC CODE	:	Test PC C
M/N	:	Dell 2400
S/N	:	3X13Q1X
Manufacturer	:	Dell
Power cord	:	Unshielded, detachable , 1.8m
FCC ID	:	By DOC
BSMI ID	:	N/A

2.2.2. Monitor

EMC CODE	:	Test Monitor A
M/N	:	E772F
S/N	:	CN-02W486-64180-3CE-00L9
Manufacturer	:	Dell
Data Cable	:	Shielded, Undetachable , 1.8m
Power cord	:	Unshielded, detachable , 1.8m
FCC ID	:	By DOC
BSMI ID	:	N/A

2.2.3. Keyboard

M/N	:	JME-7561D
Manufacturer	:	Jing Mold

2.2.4. Mouse

M/N	:	JME-2060A
Manufacturer	:	Jing Mold

2.3. 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

2.4. 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	

3. POWER LINE CONDUCTED EMISSION TEST

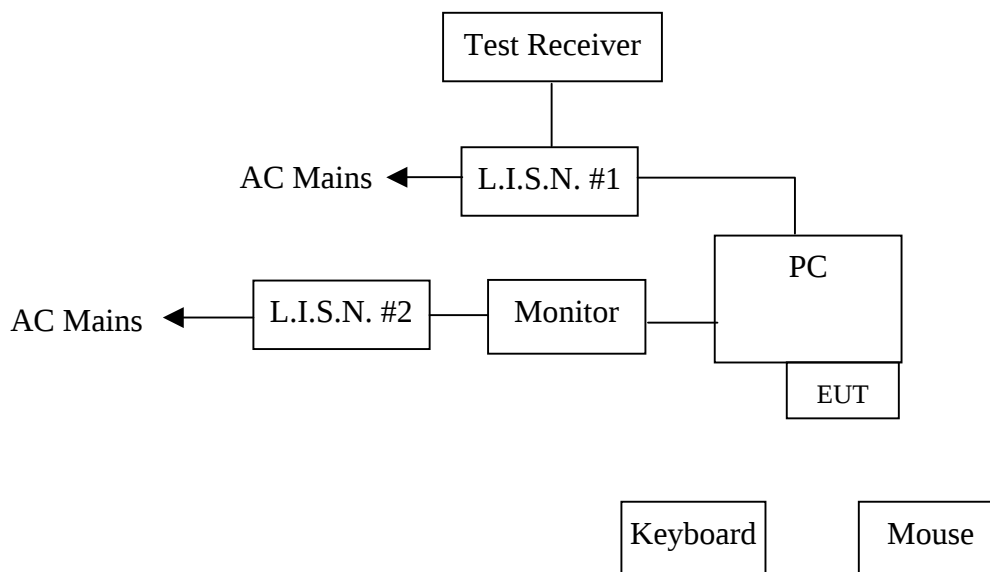
3.1. Test Equipment

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.	L.I.S.N.#2	Kyoritsu	KNW-407	8-1636-1	May 15, 06	1 Year
4.	Terminator	Hubersuhner	50Ω	No. 1	May 15, 06	1 Year
5.	RF Cable	MIYAZAKI	5D-2W	LISN Cable 1#	Aug.16, 06	1/2 Year
6.	Coaxial Switch	Anritsu	MP59B	M55367	Aug.16, 06	1/2 Year
7.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100340	Aug.16, 06	1/2 Year

3.2. Block Diagram of Test Setup

3.2.1. Block diagram of connection between the EUT and simulators



(EUT: RF Receiver)

3.3. Power Line Conducted Emission Test Limits

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
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.

3.4. 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.

3.4.1. RF Receiver (EUT)

Model Number : JME-3236A/2105
Serial Number : N/A
Manufacturer : Jing Mold Electronics Technology (Shenzhen) Co., Ltd

3.4.2. Support Equipment : As Tested Supporting System Detail, in Section 2.2..

3.5. Operating Condition of EUT

3.5.1. Setup the EUT and simulator as shown as Section 3.2.

3.5.2. Turn on the power of all equipment.

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

3.6. Test Procedure

The EUT is connected to the power mains through a line impedance stabilization network (L.I.S.N.#1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.#2). This provides a 50 ohm coupling impedance for the EUT. Please refer the block diagram of the test setup and photographs. Power on the PC and let it work normally, we use a keyboard test soft ware, let EUT working in test mode, then test it. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC 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 3.7., all the scanning waveforms for Conducted Emission Test are attached in Appendix I. Emission Test are attached in Appendix I.

3.7. Power Line Conducted Emission Test Results

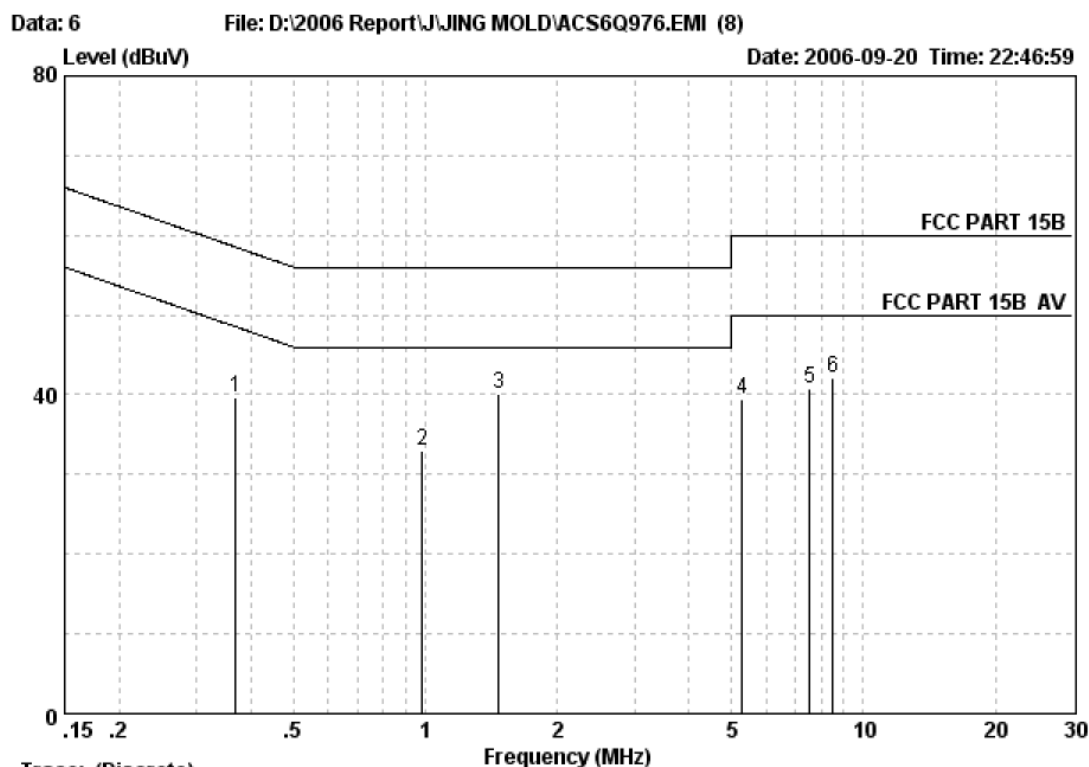
PASS.

The frequency range from 150kHz to 30 MHz is investigated.

All emissions not reported below are too low against the prescribed limits.



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Trace: (Discrete)

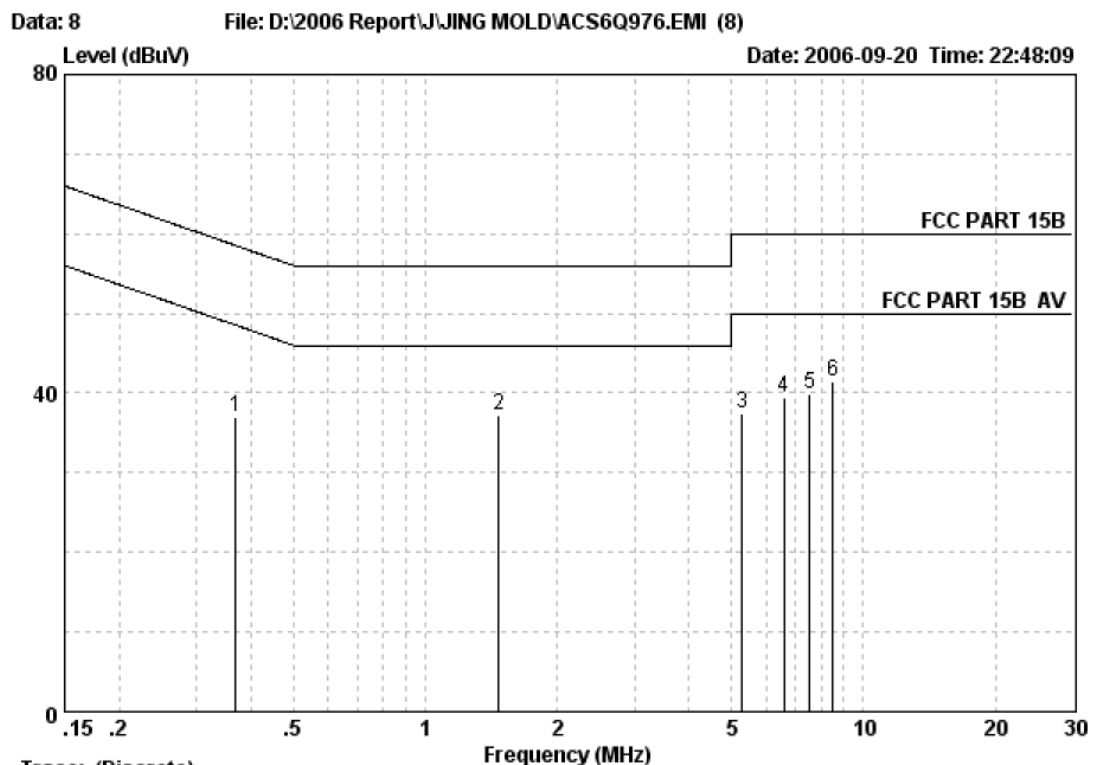
Site : Audix 1# Shielded Room Conduction
Condition : FCC PART 15B VA KNW-407
EUT : RF RECEIVER
M/N : JME-3236A/2105
OP Conduction : TX Mode
Test Spec : DC 5V from PC AC 120V/60Hz
Test Engineer : Chinalee
Comment : Temp:23' Humi:54%
Memo :

	Freq	Level	Limit	Over	Read	Cable	LISN	Remark
	MHz	dBuV	dBuV	Limit	Level	Loss	Factor	
				dB	dBuV	dB	dB	
1	0.37	39.70	58.52	-18.82	29.27	10.08	0.35	QP
2	0.98	33.08	56.00	-22.92	22.73	10.14	0.21	QP
3	1.47	40.19	56.00	-15.81	29.82	10.17	0.20	QP
4	5.28	39.44	60.00	-20.56	29.05	10.19	0.20	QP
5	7.53	40.67	60.00	-19.33	30.25	10.22	0.20	QP
6	8.50	42.22	60.00	-17.78	31.78	10.23	0.21	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.



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Trace: (Discrete)

Site : Audix 1# Shielded Room Conduction
Condition : FCC PART 15B VB KNW-407
EUT : RF RECEIVER
M/N : JME-3236A/2105
OP Conduction : TX Mode
Test Spec : DC 5V from PC AC 120V/60Hz
Test Engineer : Chinalee
Comment : Temp:23' Humi:54%
Memo :

	Freq	Level	Limit	Over	Read	Cable	LISN	
	MHz	dBuV	dBuV	Limit	Level	Loss	Factor	Remark
				dB	dBuV	dB	dB	
1	0.37	36.88	58.52	-21.64	26.14	10.08	0.66	QP
2	1.47	37.30	56.00	-18.70	26.80	10.17	0.33	QP
3	5.28	37.45	60.00	-22.55	26.95	10.19	0.31	QP
4	6.59	39.55	60.00	-20.45	29.01	10.21	0.33	QP
5	7.53	39.99	60.00	-20.01	29.43	10.22	0.34	QP
6	8.50	41.49	60.00	-18.51	30.90	10.23	0.36	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.

4. RADIATED EMISSION TEST

4.1. Test Equipment

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

4.1.1. For Anechoic Chamber

Frequency rang: 30~1000MHz

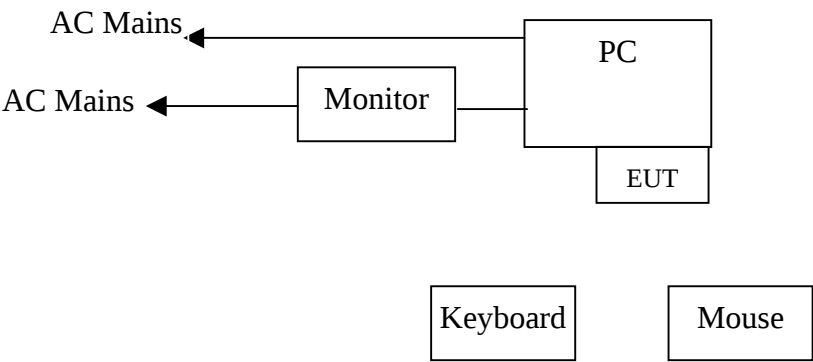
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMC Analyzer	Agilent	E7405A	MY42000131	May 15, 06	1 Year
2.	Test Receiver	Rohde & Schwarz	ESVS10	834468/011	May 15, 06	1 Year
3.	Amplifier	Agilent	8447D	2944A10684	Jul. 19, 06	1/2 Year
4.	Bilog Antenna	Schaffner	CBL6111C	2768	Apr.18, 06	1 Year
5.	RF Cable	MIYAZAKI	8D-FB	10m Chamber No.1	Aug.07, 06	1/2 Year
6.	RF Cable	MIYAZAKI	8D-FB	10m Chamber No.2	Aug.07, 06	1/2 Year
7.	RF Cable	MIYAZAKI	8D-FB	10m Chamber No.3	Aug.07, 06	1/2 Year
8.	RF Cable	MIYAZAKI	8D-FB	10m Chamber No.4	Aug.07, 06	1/2 Year
9.	Coaxial Switch	Anritsu	MP59B	M74389	Aug.07, 06	1/2 Year

Frequency rang: above 1000MHz

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4407B	MY41440292	May 15, 06	1 Year
1.	Test Receiver	Rohde & Schwarz	ESVS20	830350/005	May 15, 06	1 Year
2.	Amplifier	HP	8447D	2944A07794	Mar.13, 06	1/2 Year
3.	Bilog Antenna	Schaffner	CBL6111C	2598	Jan. 11, 06	1 Year
4.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.1	Jul. 28, 06	1/2 Year
5.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.2	Jul. 28, 06	1/2 Year
6.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.3	Jul. 28, 06	1/2 Year
7.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.4	Jul. 28, 06	1/2 Year
8.	Coaxial Switch	Anritsu	MP59B	M73989	Jul. 28, 06	1/2 Year
9.	Spectrum	Agilent	E4407B	MY41440292	May 15, 06	1 Year
10.	Amp	HP	8449B	3008A00863	May 15, 06	1 Year
11.	Antenna	EMCO	3115	9607-4877	Jun. 05, 05	1.5 Year

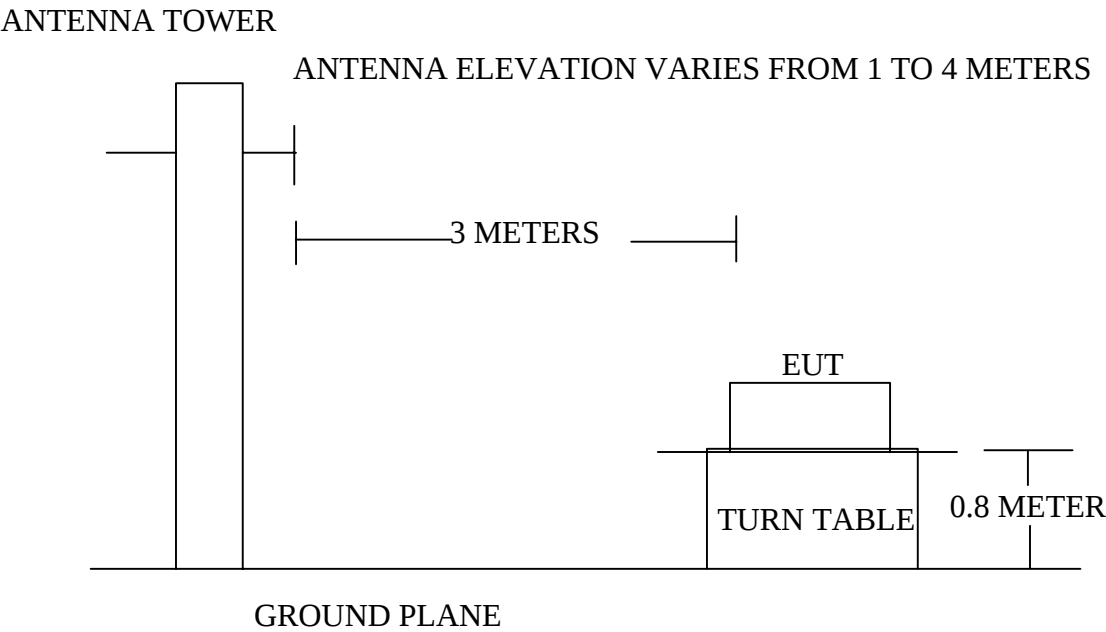
4.2. Block Diagram of Test Setup

4.2.1. Block Diagram of connection between EUT and simulators



(EUT: RF Receiver)

4.2.2. Anechoic Chamber Setup Diagram



4.3. Radiated Emission Limit Standard: FCC 15.249

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	94.0 $\text{dB}(\mu\text{V})/\text{m}$	
Above 1000	3	Other: 74.0 $\text{dB}(\mu\text{V})/\text{m}$ (Peak) 54.0 $\text{dB}(\mu\text{V})/\text{m}$ (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.

4.4. 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.

4.4.1. RF Receiver (EUT)

Model Number : JME-3236A/2105
 Serial Number : N/A
 Manufacturer : Jing Mold Electronics Technology (Shenzhen) Co., Ltd

4.5. Operating Condition of EUT

4.5.1. Setup the EUT as shown in Section 4.2..

4.5.2. Let the EUT work in test modes (TX Mode) and test it.

4.6. 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 3MHz and RBW is set at 1MHz for measurement below 1GHz.

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

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

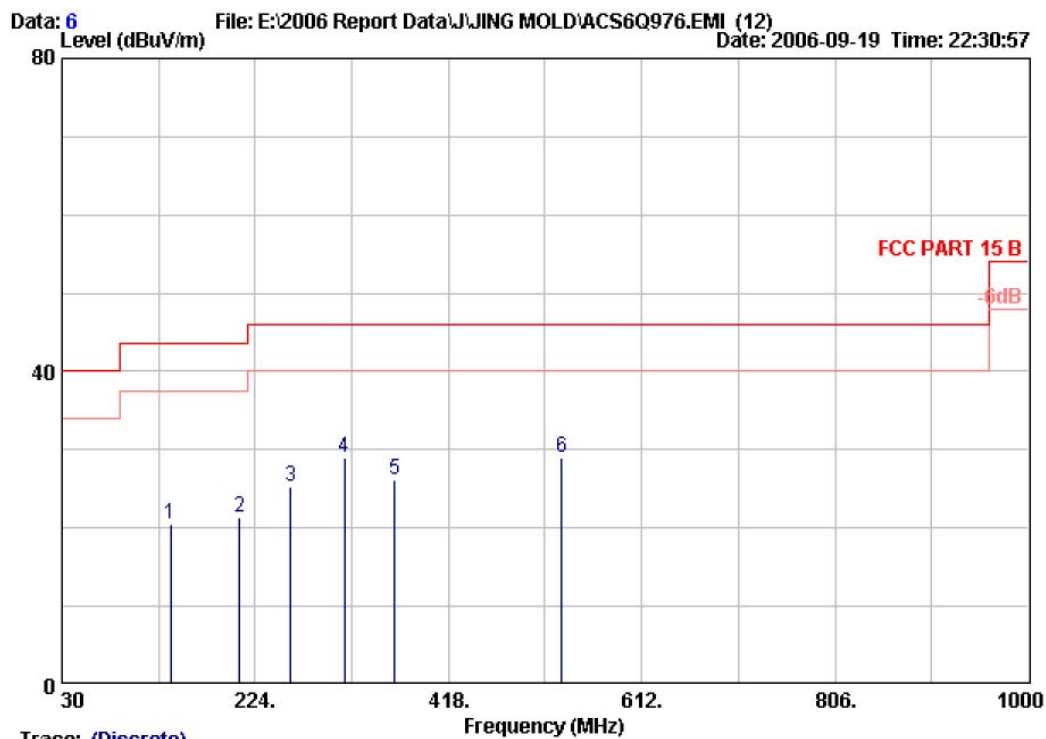
4.7. Radiated Emission Test Results

PASS.

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



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Trace: (Discrete)

Site : 10m Chamber Test Site

Condition : FCC PART 15 B 3m 2768FACTOR3M HORIZONTAL

EUT : RF RECEIVER

M/N : JME-3236A/2105

Power : DC 5V from PC AC 120V/60Hz

Test Mode : TX Mode

Test By : Allan

Comment : Temp:22'C Humi:55%

Memo :

		Limit		Read	Over	CableAntenna		
	Freq	Line	Level	Level	Limit	Loss	Factor	Remark
	MHz	dBuV/m	dBuV/m	dBuV	dB	dB	dB/m	
1	138.640	43.50	20.40	6.50	-23.10	1.84	12.06	QP
2	208.480	43.50	21.43	8.90	-22.07	2.37	10.17	QP
3	259.890	46.00	25.32	9.00	-20.68	2.32	14.00	QP
4	313.240	46.00	28.97	12.10	-17.03	2.91	13.96	QP
5	363.680	46.00	26.23	7.50	-19.77	3.37	15.36	QP
6	531.490	46.00	29.02	6.80	-16.98	3.82	18.40	QP

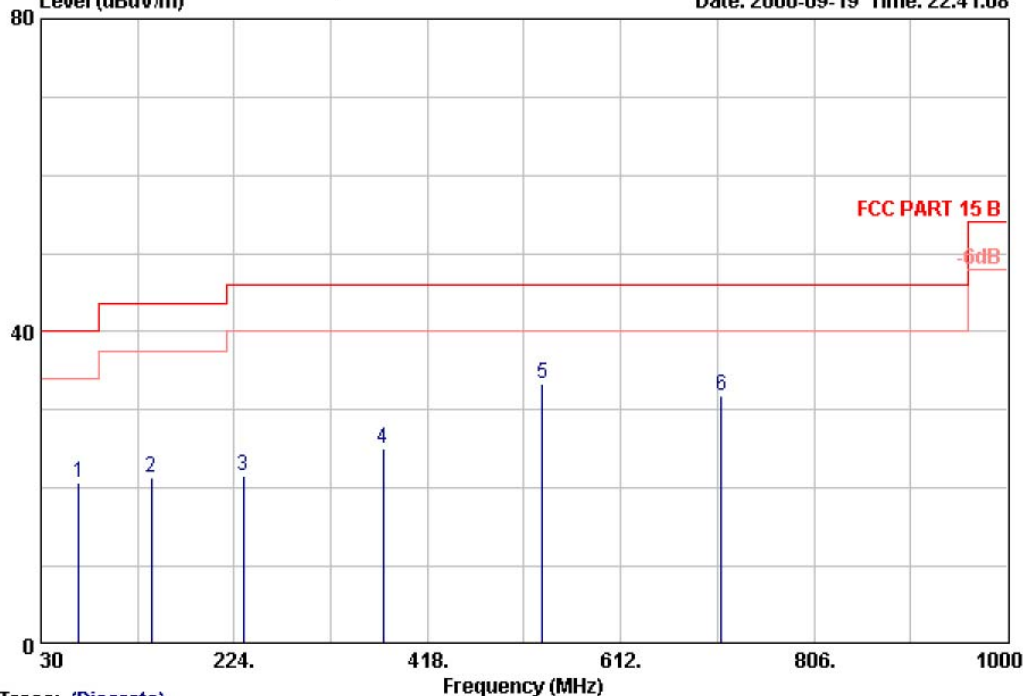
Remark: 1. All readings are Quasi-Peak values.

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



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Postcode:518057

Data: 8 File: E:\2006 Report Data\JJING MOLD\ACS6Q976.EMI (12) Date: 2006-09-19 Time: 22:41:08
Level (dBuV/m)



Trace: (Discrete)

Site : 10m Chamber Test Site
Condition : FCC PART 15 B 3m 2768FACTOR3M VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Allan
Comment : Temp:22'C Humi:55%
Memo :

		Limit		Read	Over	CableAntenna		
	Freq	Line	Level	Level	Limit	Loss	Factor	Remark
	MHz	dBuV/m	dBuV/m	dBuV	dB	dB	dB/m	
1	67.830	40.00	20.77	13.00	-19.23	1.23	6.54	QP
2	140.580	43.50	21.39	6.70	-22.11	1.84	12.85	QP
3	232.730	46.00	21.67	7.80	-24.33	2.49	11.38	QP
4	373.380	46.00	25.09	6.50	-20.91	3.33	15.26	QP
5 @	533.430	46.00	33.43	11.00	-12.57	4.00	18.43	QP
6	712.880	46.00	31.82	6.20	-14.18	4.44	21.18	QP

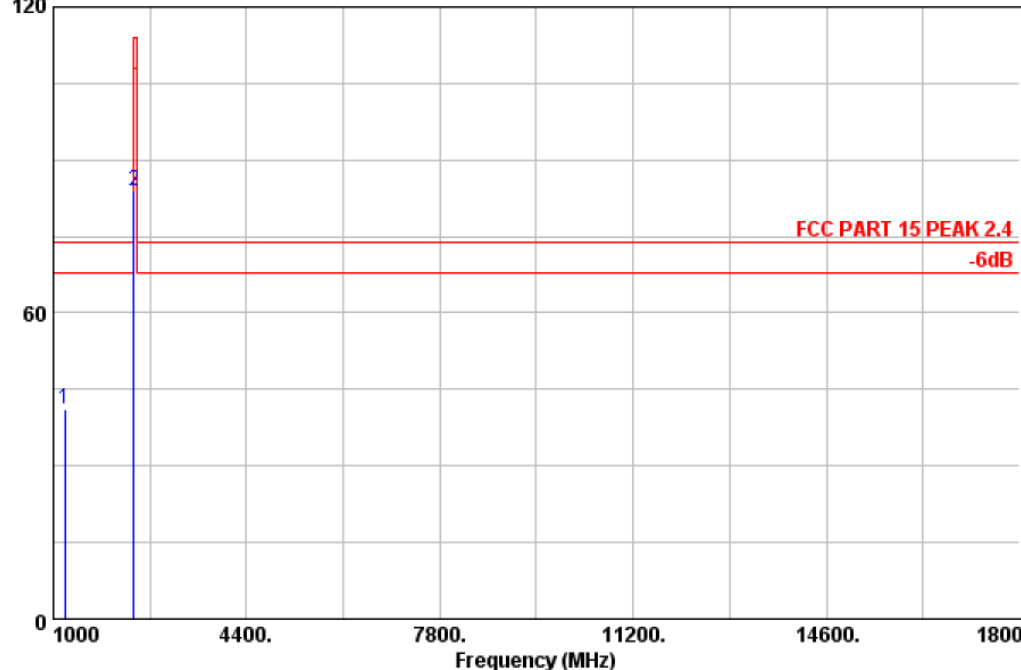
Remark: 1. All readings are Quasi-Peak values.

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



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http://www.audix.com

Data: 2 File: D:\2006 DATA\2006 Report Data\jingmode\ACS6Q976.EMI (26)
Level (dBuV/m) Date: 2006-09-24 Time: 14:12:21



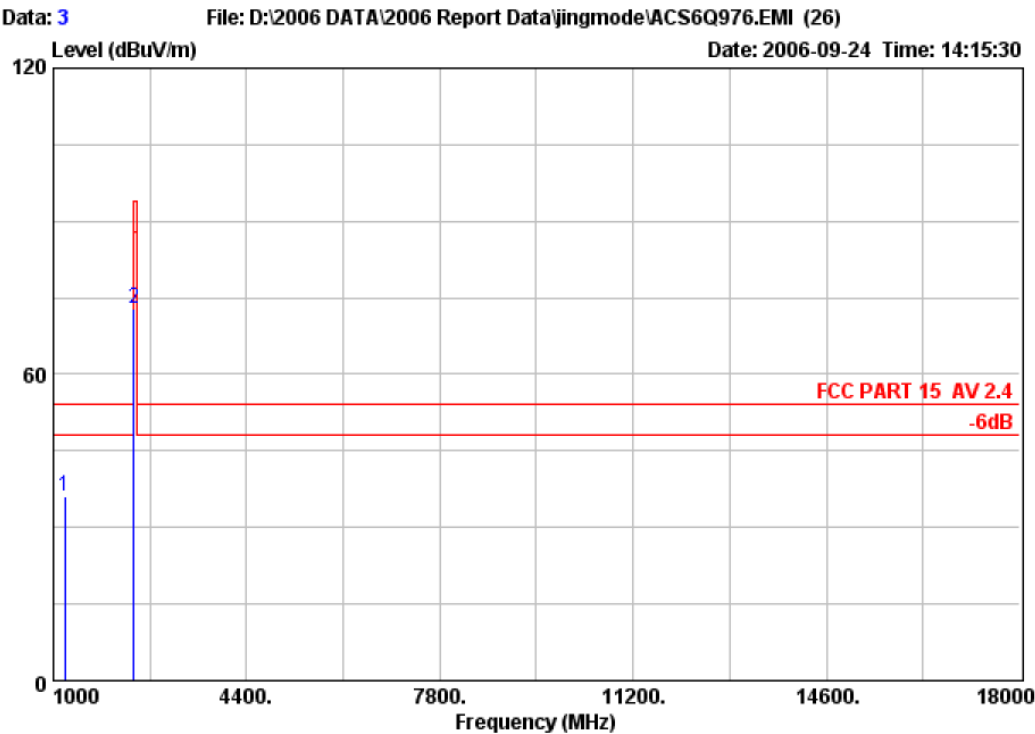
Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4m 3115 FACTOR HORIZONTAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5W from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH1(2410MHz)

	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit Factor	Level	Loss	Remark
			dBuV/m	dB	dB/m	dBuV	dB
1	1204.00	41.13	74.00	-32.87	24.80	12.45	3.88 Peak
2	2409.95	83.75	114.00	-30.25	29.03	48.52	6.20 Peak

- 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.



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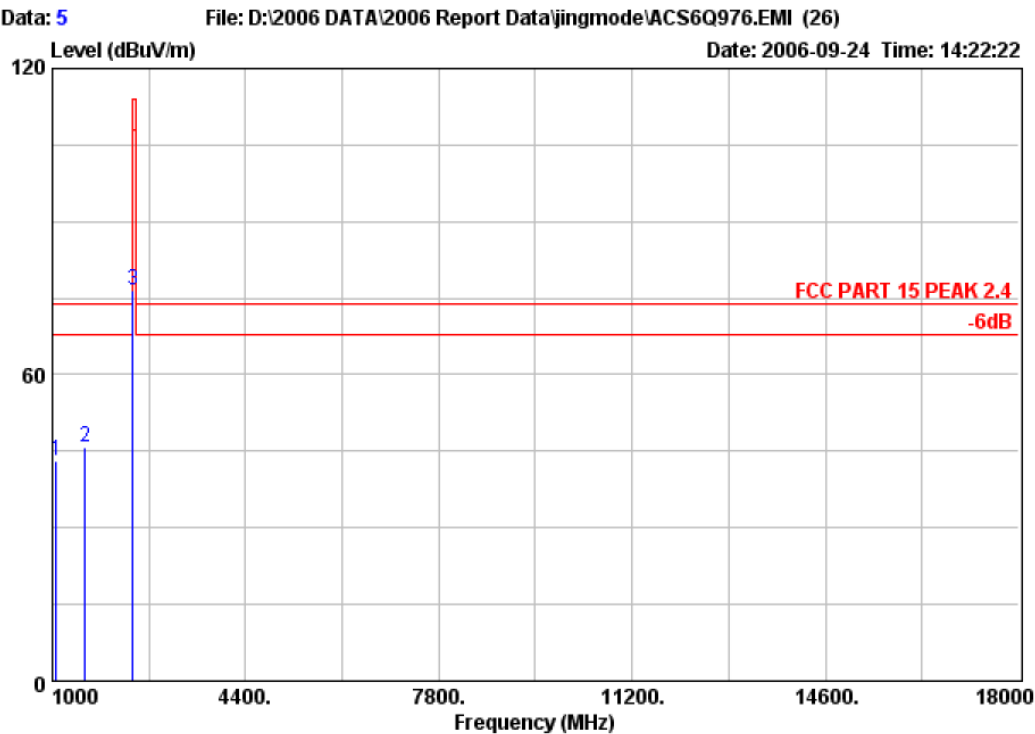
Site : 1# Chamber
Condition : FCC PART 15 AV 2.4 3m 3115 FACTOR HORIZONTAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH1(2410MHz)

	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit Factor	Level	Loss	Remark
			dBuV/m	dB	dB/m	dBuV	dB
1	1204.00	36.13	54.00	-17.87	24.80	7.45	3.88 Average
2	2409.95	72.75	94.00	-21.25	29.03	37.52	6.20 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.



7f8 ln120 neihurd sec1
taipei, taiwan r.o.c.
tel:+886-2-26594900
http://www.audix.com



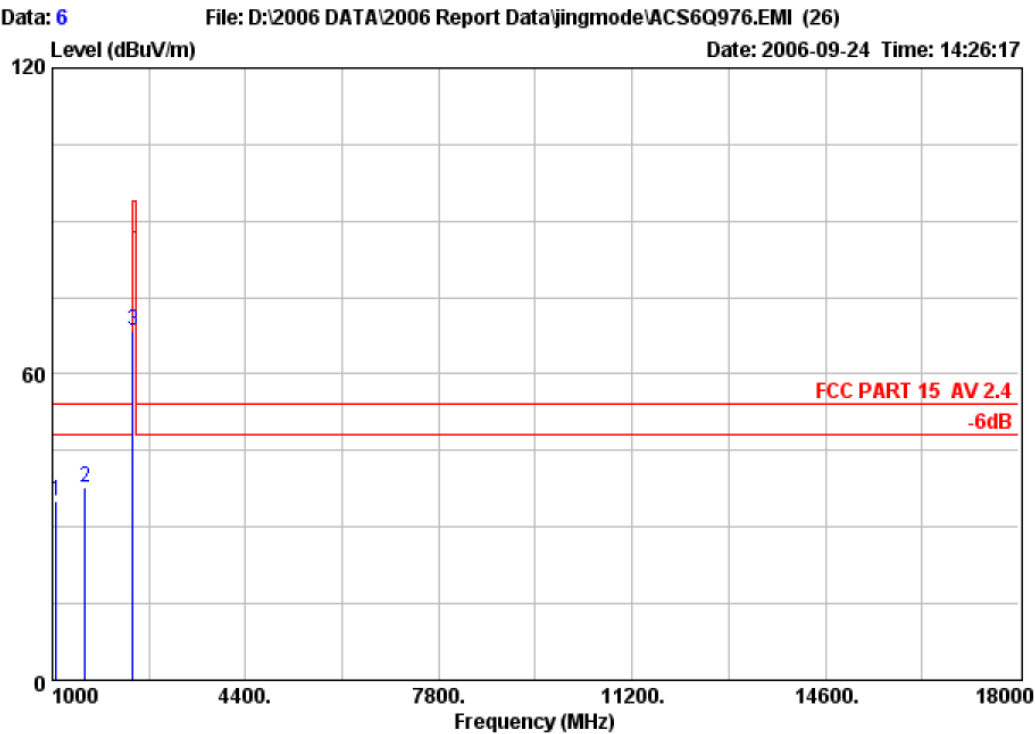
Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH1(2410MHz)

	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit Factor	Level	Loss	Remark
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV	dB
1	1068.00	42.98	74.00	-31.02	24.53	14.88	3.57 Peak
2	1578.00	45.70	74.00	-28.30	25.82	15.09	4.79 Peak
3	2409.95	76.55	114.00	-37.45	29.03	41.32	6.20 Peak

- 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.



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Site : 1# Chamber
Condition : FCC PART 15 AV 2.4 3m 3115 FACTOR VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH1(2410MHz)

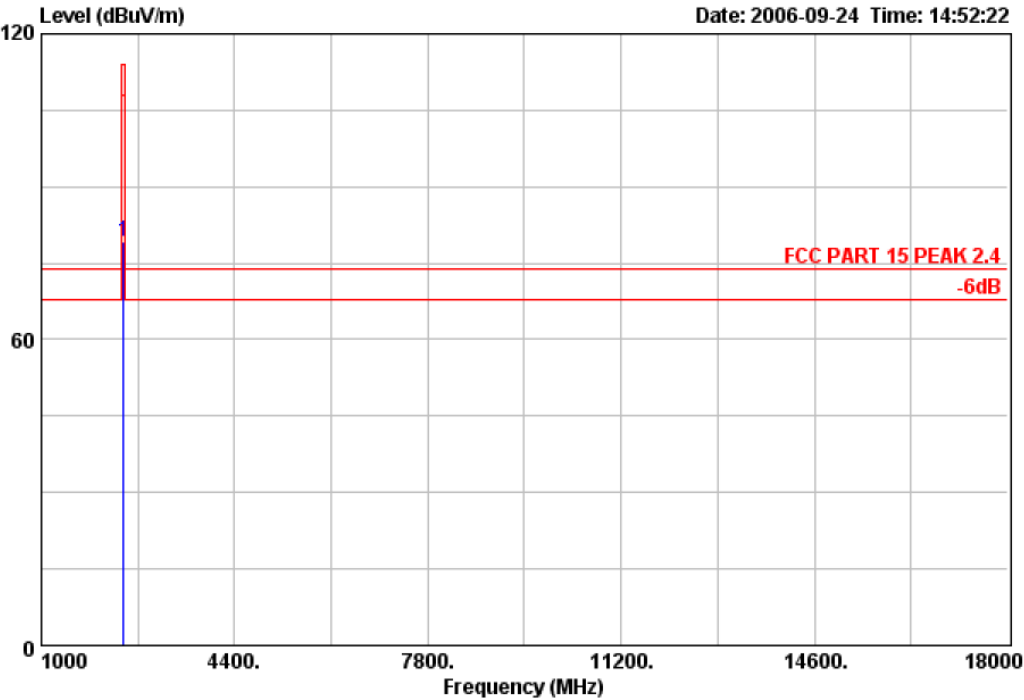
	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit Factor	Level	Loss	Remark
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV	dB
1	1068.00	34.98	54.00	-19.02	24.53	6.88	3.57 Average
2	1578.00	37.70	54.00	-16.30	25.82	7.09	4.79 Average
3	2409.95	68.55	94.00	-25.45	29.03	33.32	6.20 Average

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.



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tel:+886-2-26594900
http://www.audix.com

Data: 13 File: D:\2006 DATA\2006 Report Data\jingmode\ACS6Q976.EMI (26) Date: 2006-09-24 Time: 14:52:22



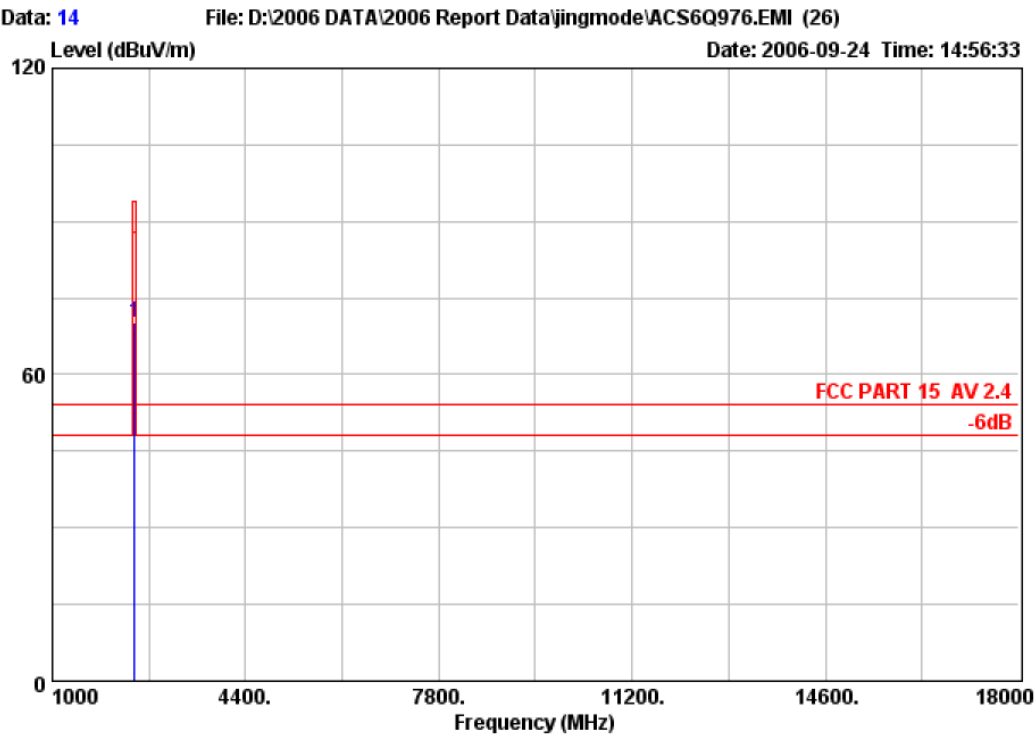
Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR HORIZONTAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH5(2446MHz)

	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit	Factor	Level	Loss
				dB	dB/m	dBuV	dB
1	2446.00	79.13	114.00	-34.87	29.11	43.77	6.25

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.



7f8 1n120 neihur d secl
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Site : 1# Chamber
Condition : FCC PART 15 AV 2.4 3m 3115 FACTOR HORIZONTAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH5(2446MHz)

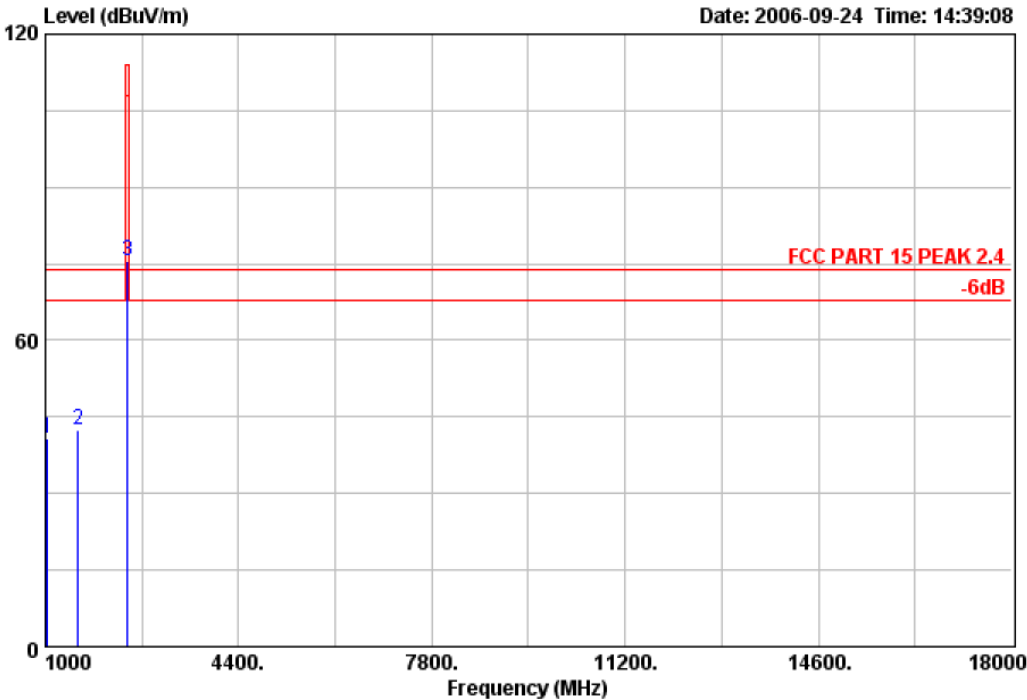
	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit Factor	Level	Loss	Remark
1	2446.00	70.13	94.00	-23.87	29.11	34.77	6.25 Average

- 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.



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http://www.audix.com

Data: 10 File: D:\2006 DATA\2006 Report Data\jingmode\ACS6Q976.EMI (26) Date: 2006-09-24 Time: 14:39:08



Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH5(2446MHz)

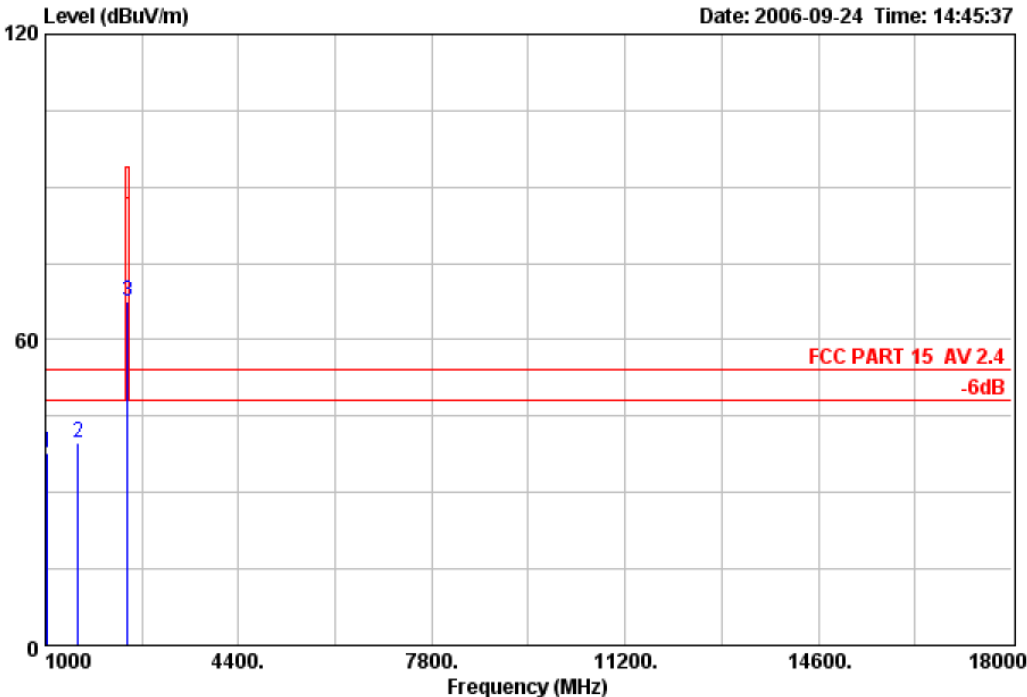
	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit Factor	Level	Loss	Remark
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV	dB
1	1034.00	40.88	74.00	-33.12	24.47	12.93	3.48 Peak
2	1578.00	42.61	74.00	-31.39	25.82	12.00	4.79 Peak
3	2446.00	75.63	114.00	-38.37	29.11	40.27	6.25 Peak

- 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.



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Data: 11 File: D:\2006 DATA\2006 Report Data\jingmode\ACS6Q976.EMI (26) Date: 2006-09-24 Time: 14:45:37



Site : 1# Chamber
Condition : FCC PART 15 AV 2.4 3m 3115 FACTOR VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH5(2446MHz)

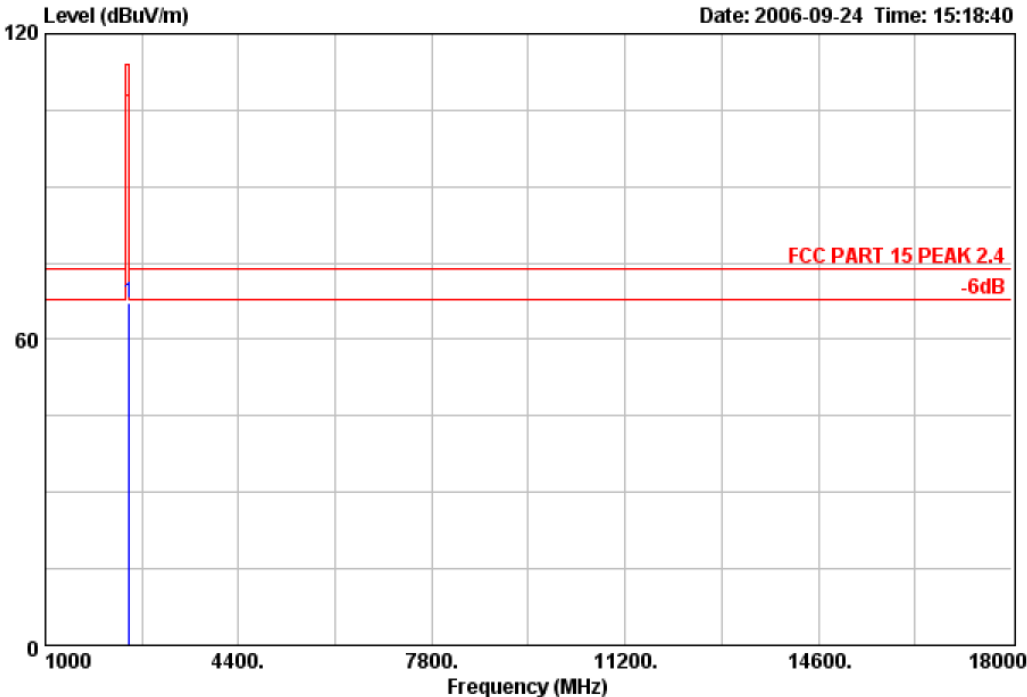
	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit	Factor	Level	Loss
			dBuV/m	dB	dB/m	dBuV	dB
1	1034.00	37.88	54.00	-16.12	24.47	9.93	3.48
2	1578.00	39.61	54.00	-14.39	25.82	9.00	4.79
3	2446.00	67.63	94.00	-26.37	29.11	32.27	6.25

- 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.



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http://www.audix.com

Data: 18 File: D:\2006 DATA\2006 Report Data\jingmode\ACS6Q976.EMI (26) Date: 2006-09-24 Time: 15:18:40



Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR HORIZONTAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH8(2473MHz)

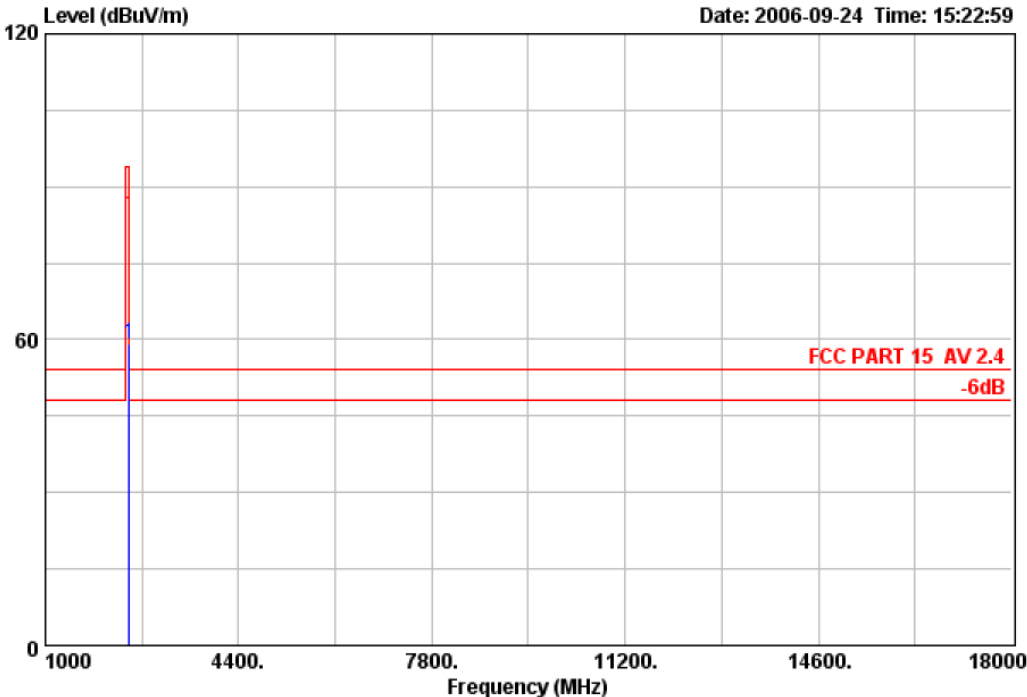
	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit	Factor	Level	Loss
				dB	dB/m	dBuV	dB
1	2472.96	67.11	114.00	-46.89	29.19	31.62	6.30

- 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.



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Data: 19 File: D:\2006 DATA\2006 Report Data\jingmode\ACS6Q976.EMI (26) Date: 2006-09-24 Time: 15:22:59



Site : 1# Chamber
Condition : FCC PART 15 AV 2.4 3m 3115 FACTOR HORIZONTAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH8(2473MHz)

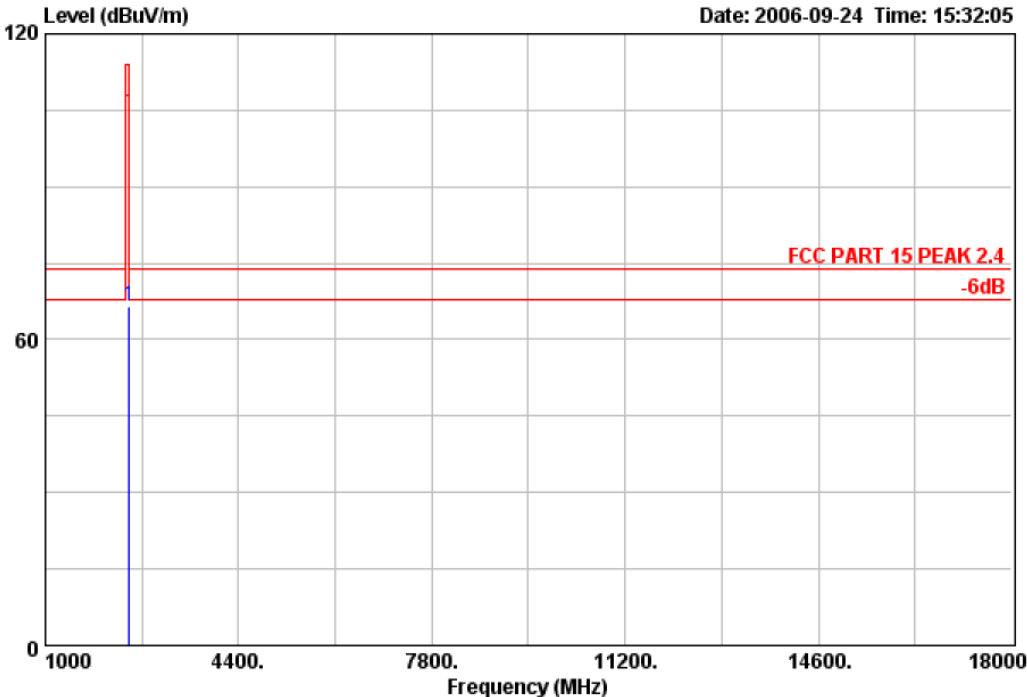
	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit	Level	Loss	Remark
				dB	dB/m	dB	
1	2472.96	59.11	94.00	-34.89	29.19	23.62	6.30 Average

- 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.



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Data: 21 File: D:\2006 DATA\2006 Report Data\jingmode\ACS6Q976.EMI (26) Date: 2006-09-24 Time: 15:32:05



Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH8(2473MHz)

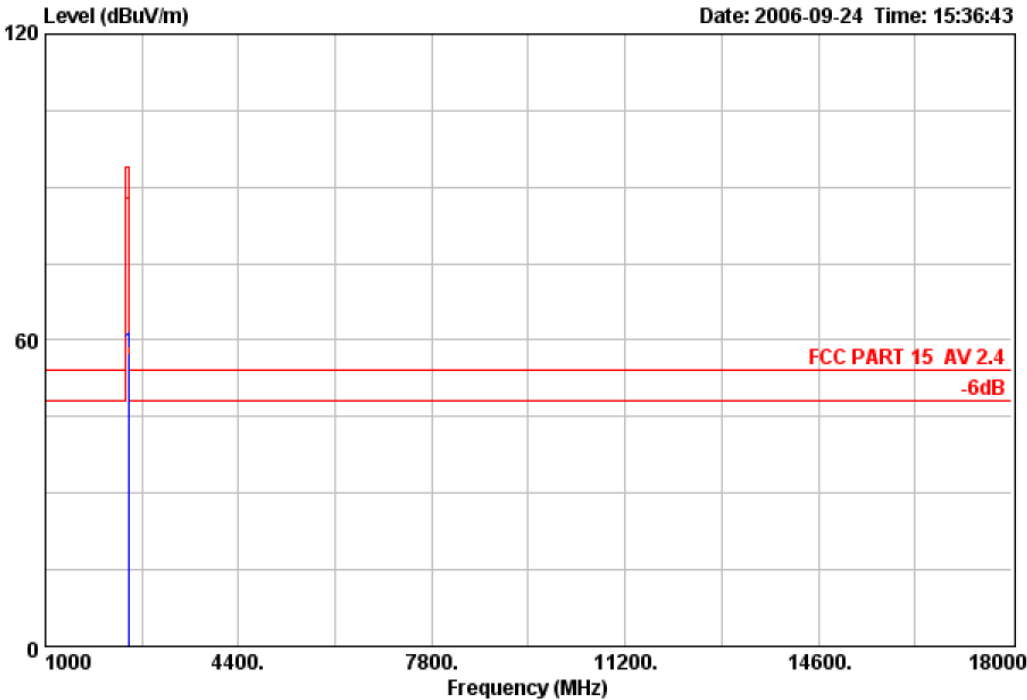
	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit	Factor	Level	Loss
	dBuV/m	dB	dB/m	dBuV	dB		
1	2472.96	66.36	114.00	-47.64	29.19	30.87	6.30

- 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.



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Data: 22 File: D:\2006 DATA\2006 Report Data\jingmode\ACS6Q976.EMI (26) Date: 2006-09-24 Time: 15:36:43



Site : 1# Chamber
Condition : FCC PART 15 AV 2.4 3m 3115 FACTOR VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH8(2473MHz)

	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit	Level	Loss	Remark
			dBuV/m	dB	dB/m	dB	
1	2472.96	57.36	94.00	-36.64	29.19	21.87	6.30 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.

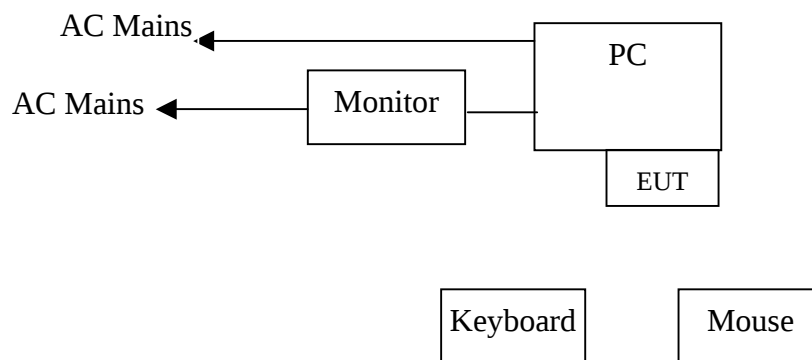
5. BAND EDGES MEASUREMENT

5.1. Test Equipment

The following test equipment were used during the Emission Bandwidth Test :

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4407B	MY41440292	May 22, 06	1 Year
2.	Amp	HP	8449B	3008A00863	May 22, 06	1 Year
3.	Antenna	EMCO	3115	9607-4877	Dec. 14, 05	1.5 Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May 22, 06	1 Year

5.2. Block Diagram of Test Setup



(EUT: RF Receiver)

5.3. Test Standard

The test completeness FCC 15.249.

5.4. Band Edges Limit

2400~2483.5MHz wide centered on the operation frequency.

5.5. Test Procedure

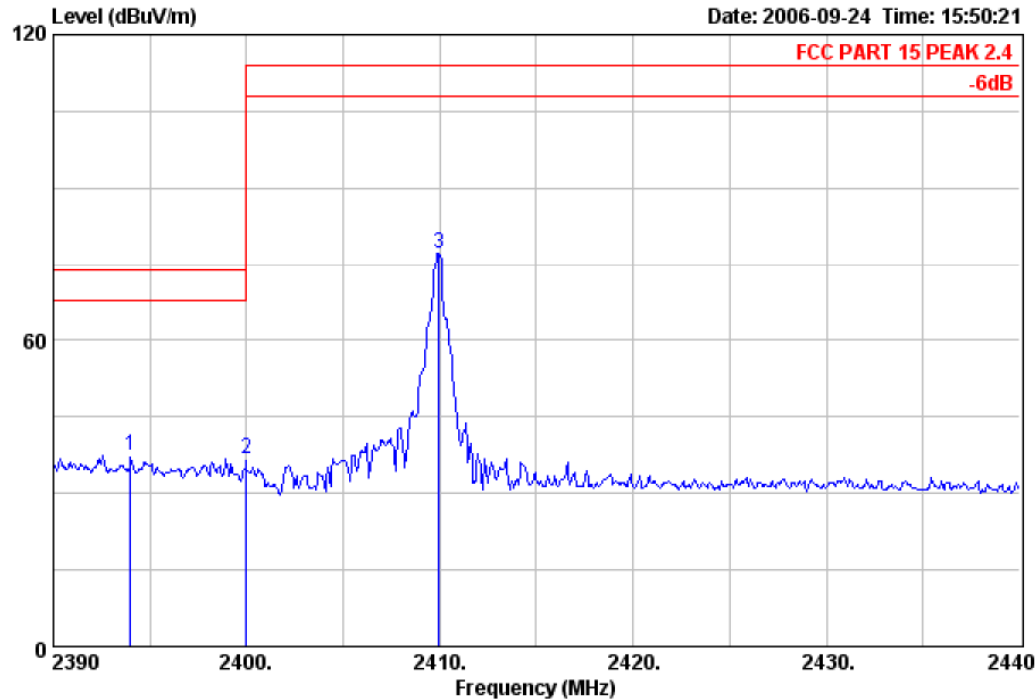
PASS.

The testing data was attached in the next pages.



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Data: 25 File: D:\2006 DATA\2006 Report Data\jingmode\ACS6Q976.EMI (26) Date: 2006-09-24 Time: 15:50:21



Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH1(2410MHz)

	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit Factor	Level	Loss	Remark
			dBuV/m	dB	dB/m	dB	
1	2394.00	37.42	74.00	-36.58	28.99	6.20	Peak
2	2400.00	36.62	74.00	-37.38	28.99	6.20	Peak
3	2409.95	77.21	114.00	-36.79	29.03	6.20	Peak

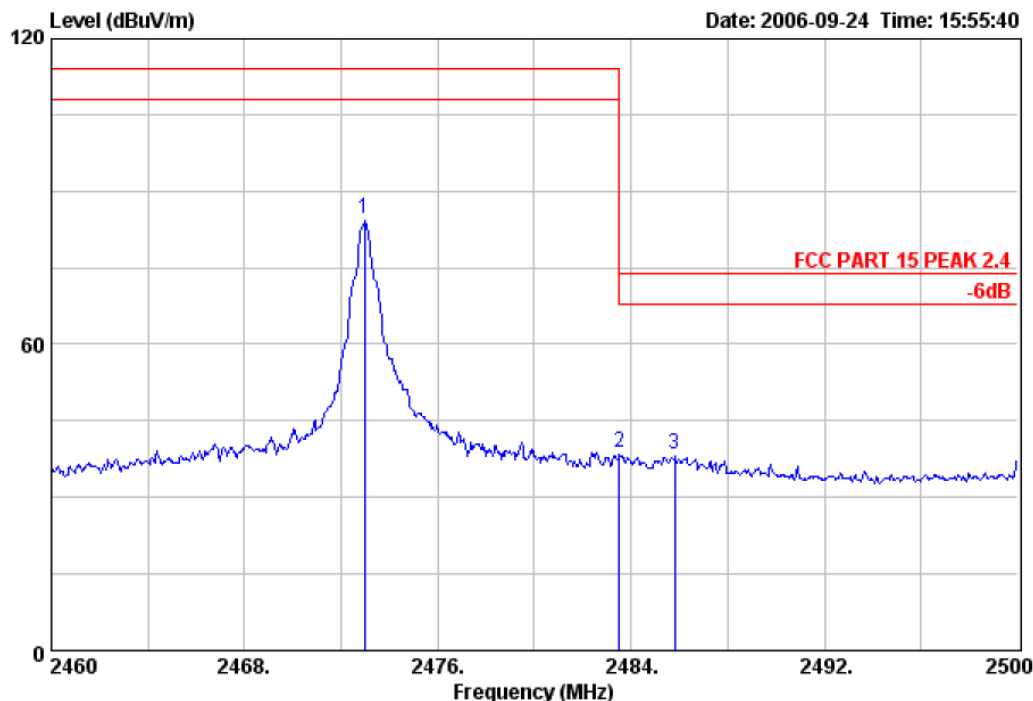


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Data: 26

File: D:\2006 DATA\2006 Report Data\jingmode\ACS6Q976.EMI (26)

Date: 2006-09-24 Time: 15:55:40



Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Allan
Comment : Temp:22°C Humi:55%
Memo : CH8(2473MHz)

	Freq	Level	Limit	OverAntenna	Read	Cable	
	MHz	dBuV/m	Line	Limit	Level	Loss	Remark
			dBuV/m	dB	dB/m	dB	
1	2472.96	84.50	114.00	-29.50	29.19	49.01	6.30 Peak
2	2483.50	38.90	74.00	-35.10	29.19	3.41	6.30 Peak
3	2485.80	38.34	74.00	-35.66	29.19	2.82	6.33 Peak

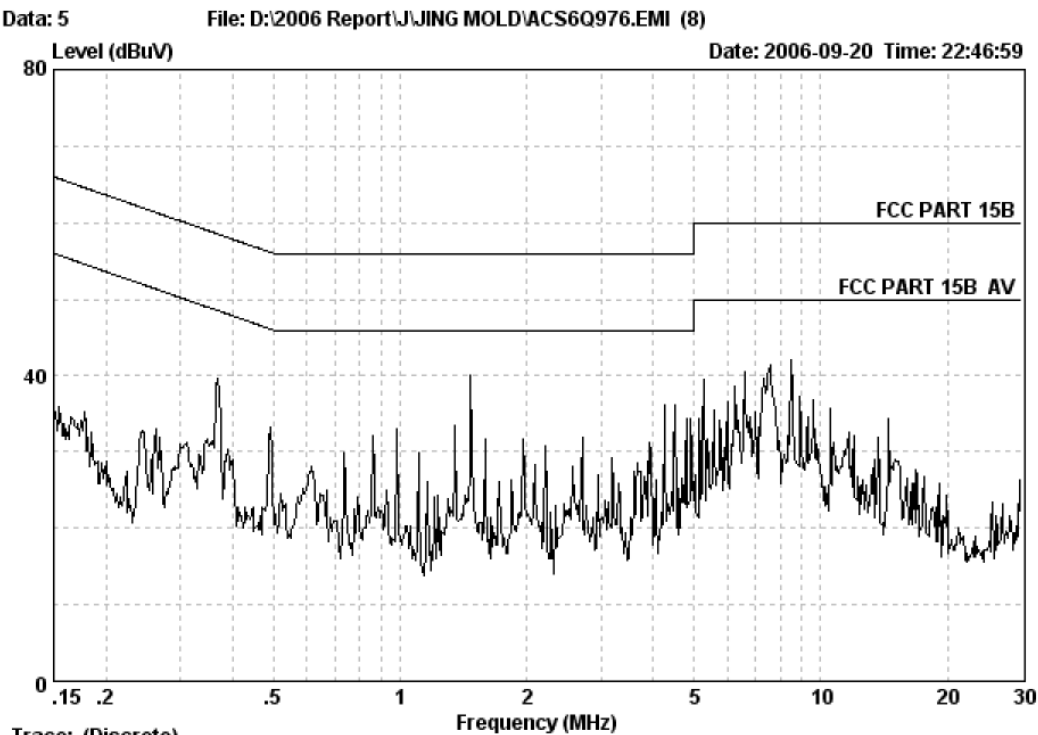
6. DEVIATION TO TEST SPECIFICATIONS

[NONE]

APPENDIX I



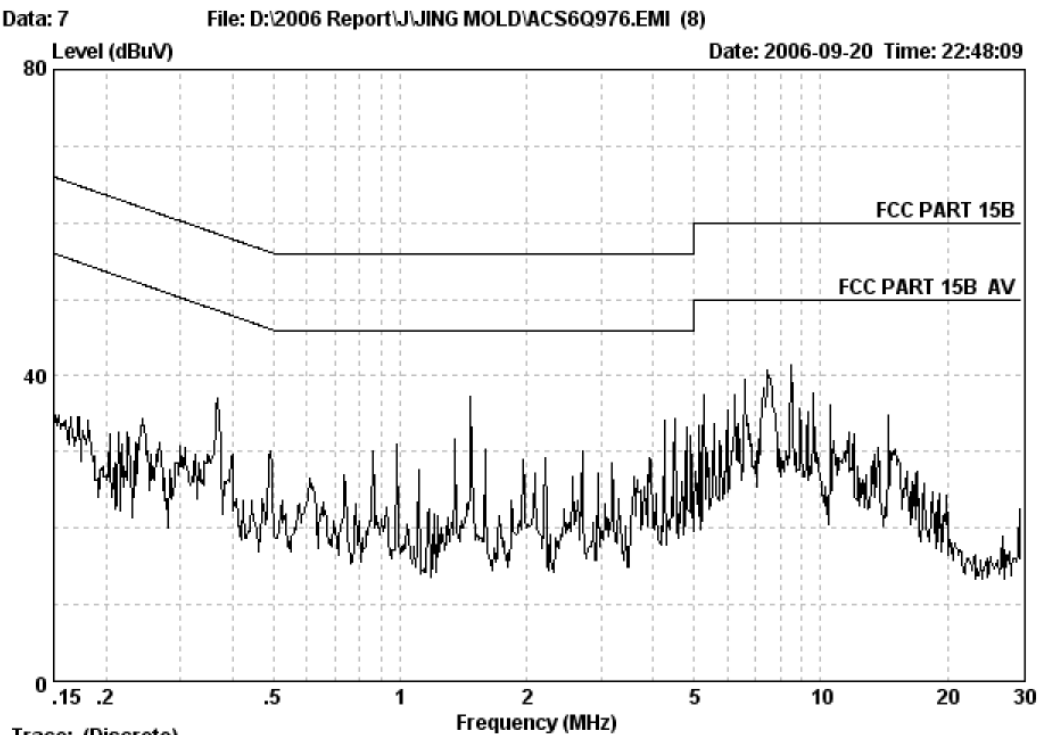
NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,
Nantou,Shenzhen,Guangdong,
China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518037



Site : Audix 1# Shielded Room Conduction
Condition : FCC PART 15B VA KMW-407
EUT : RF RECEIVER
M/N : JME-3236A/2105
OP Conduction : TX Mode
Test Spec : DC 5V from PC AC 120V/60Hz
Test Engineer : Chinalee
Comment : Temp:23' Humi:54%
Memo :



NO.6 Ke Feng Road, Block 52,
Shenzhen Science&Industry Park,
Nantou,Shenzhen,Guangdong,
China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518037

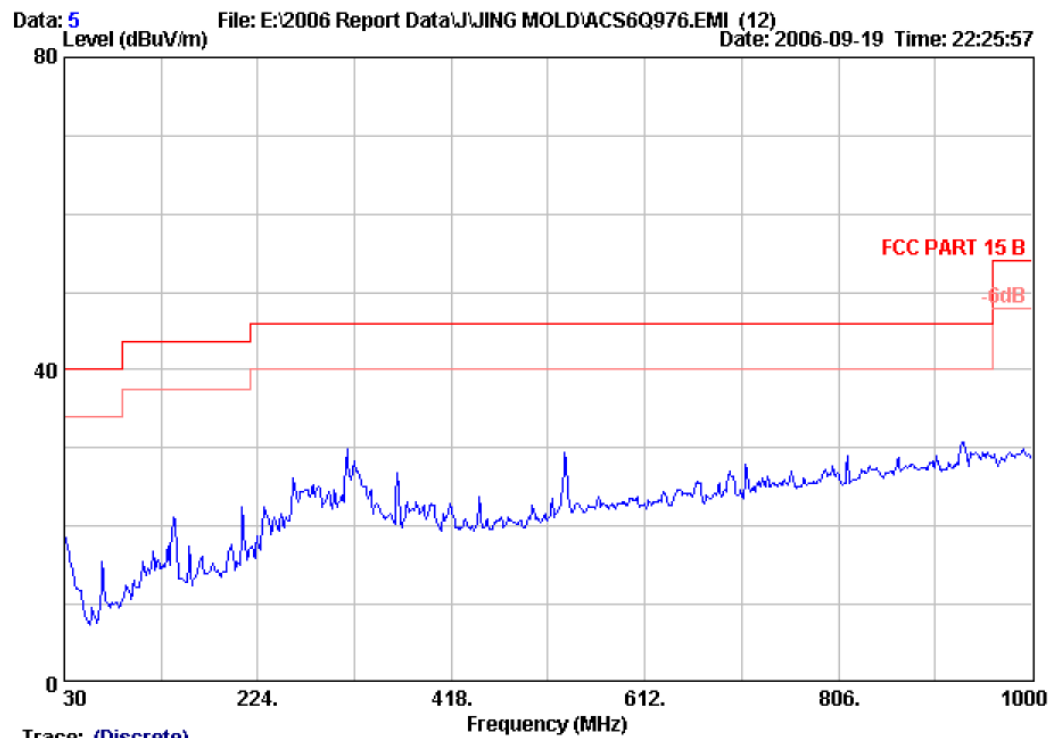


Site : Audix 1# Shielded Room Conduction
Condition : FCC PART 15B VB KNW-407
EUT : RF RECEIVER
M/N : JME-3236A/2105
OP Conduction : TX Mode
Test Spec : DC 5V from PC AC 120V/60Hz
Test Engineer : Chinalee
Comment : Temp:23' Humi:54%
Memo :

APPENDIX II



No.6,Ke Feng Road,Block 52,
Shenzhen Science&Industry Park
Nantou Shenzhen,Guangdong,China
Tel:+86-755-26639495
Fax:+86-755-26632877
Postcode:518057

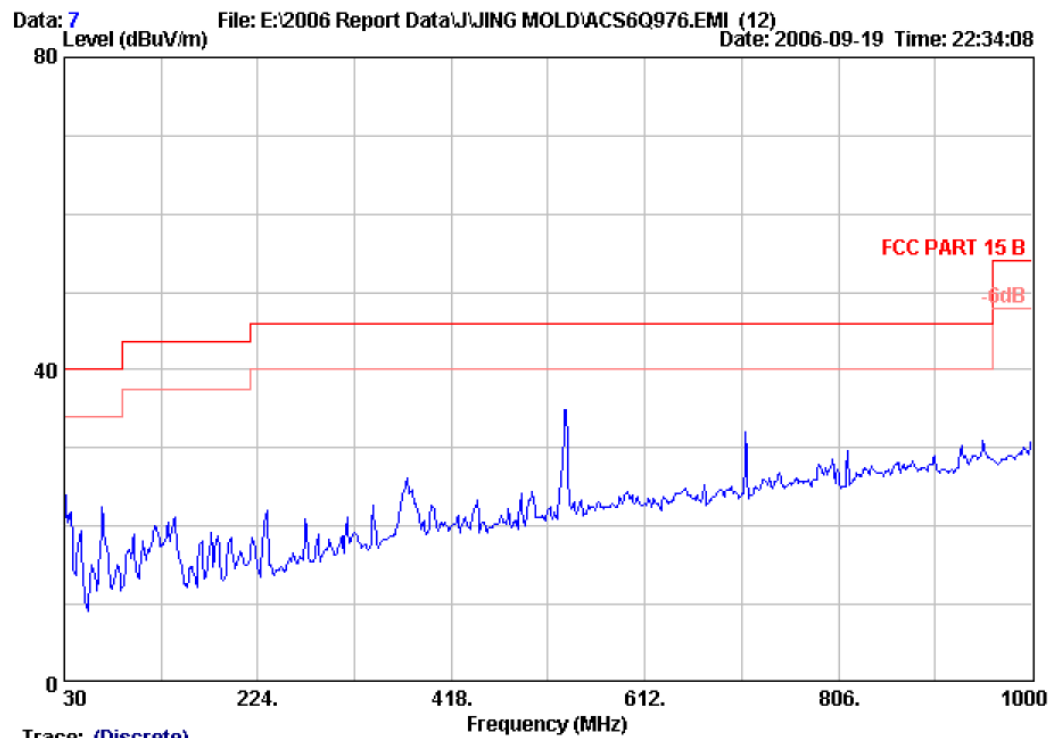


Trace: (Discrete)

Site : 10m Chamber Test Site
Condition : FCC PART 15 B 3m 2768FACTOR3M HORIZONTAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Allan
Comment : Temp:22'C Humi:55%
Memo :



No.6,Ke Feng Road,Block 52,
Shenzhen Science&Industry Park
Nantou Shenzhen,Guangdong,China
Tel:+86-755-26639495
Fax:+86-755-26632877
Postcode:518057

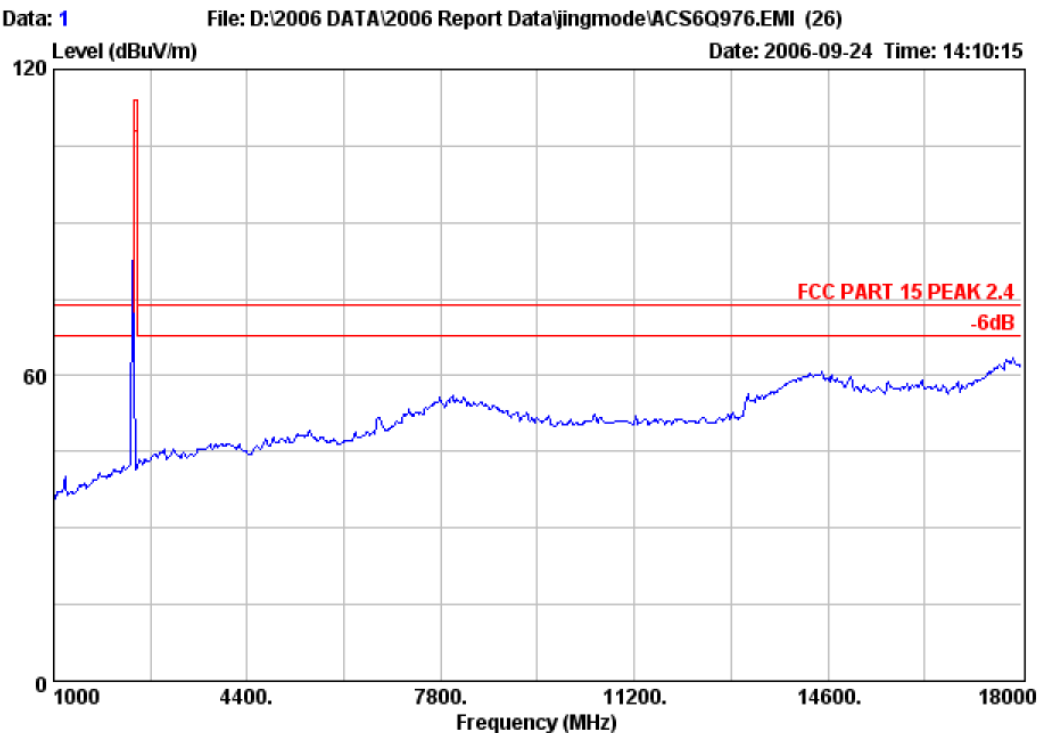


Trace: (Discrete)

Site : 10m Chamber Test Site
Condition : FCC PART 15 B 3m 2768FACTOR3M VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Allan
Comment : Temp:22'C Humi:55%
Memo :



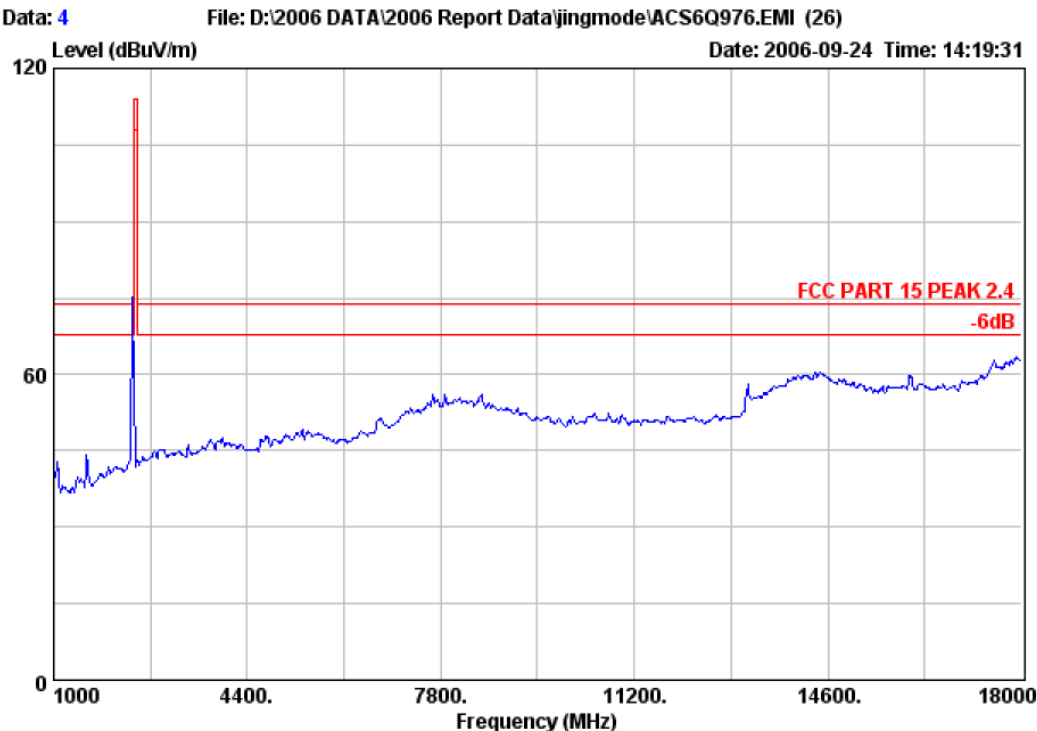
7f8 ln120 neihurd sec1
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tel:+886-2-26594900
http://www.audix.com



Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR HORIZONTAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH1(2410MHz)



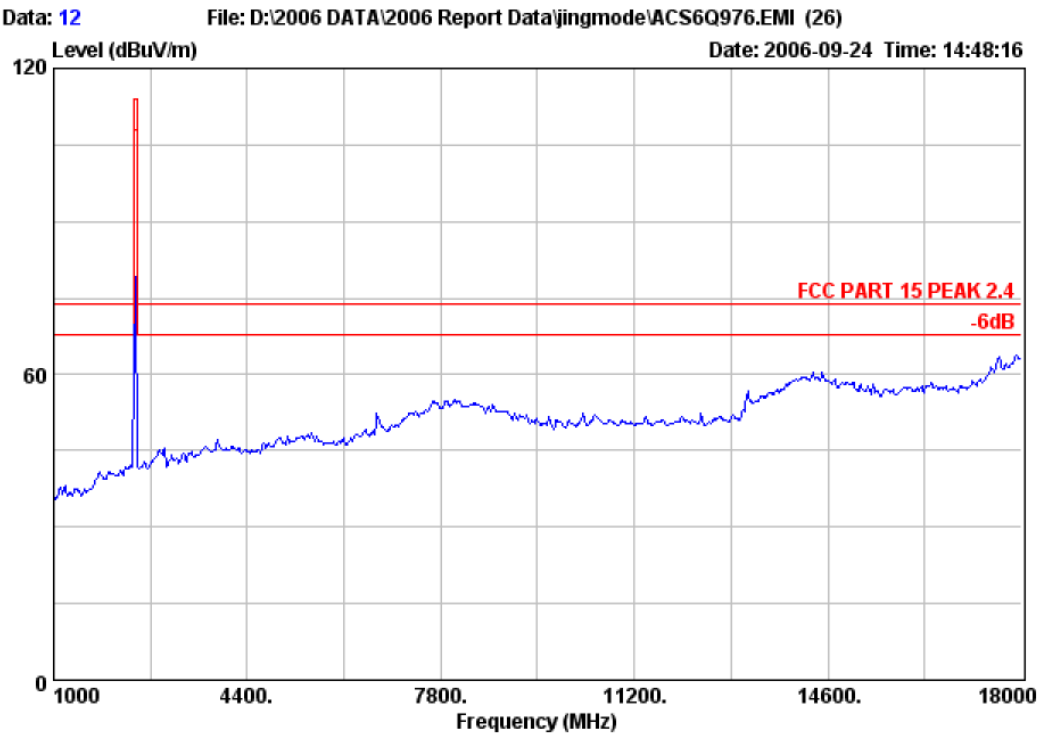
7f8 ln120 neiurd sec1
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tel:+886-2-26594900
http://www.audix.com



Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5W from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH1(2410MHz)



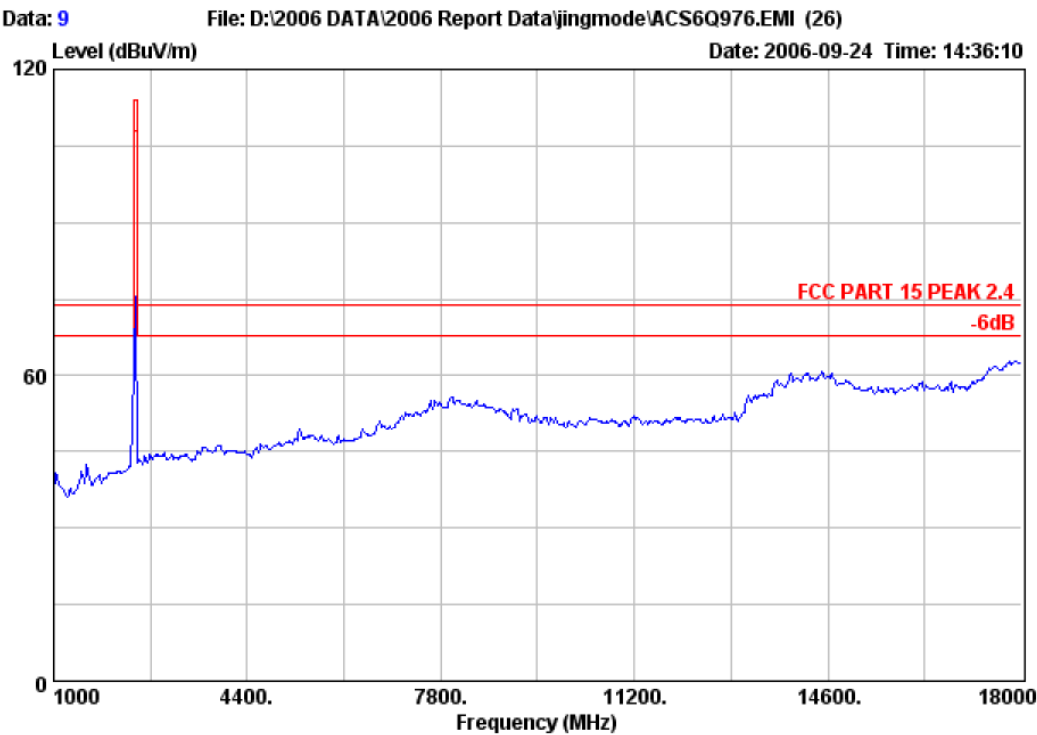
7f8 ln120 neiurd sec1
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tel:+886-2-26594900
http://www.audix.com



Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR HORIZONTAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5W from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH5(2446MHz)



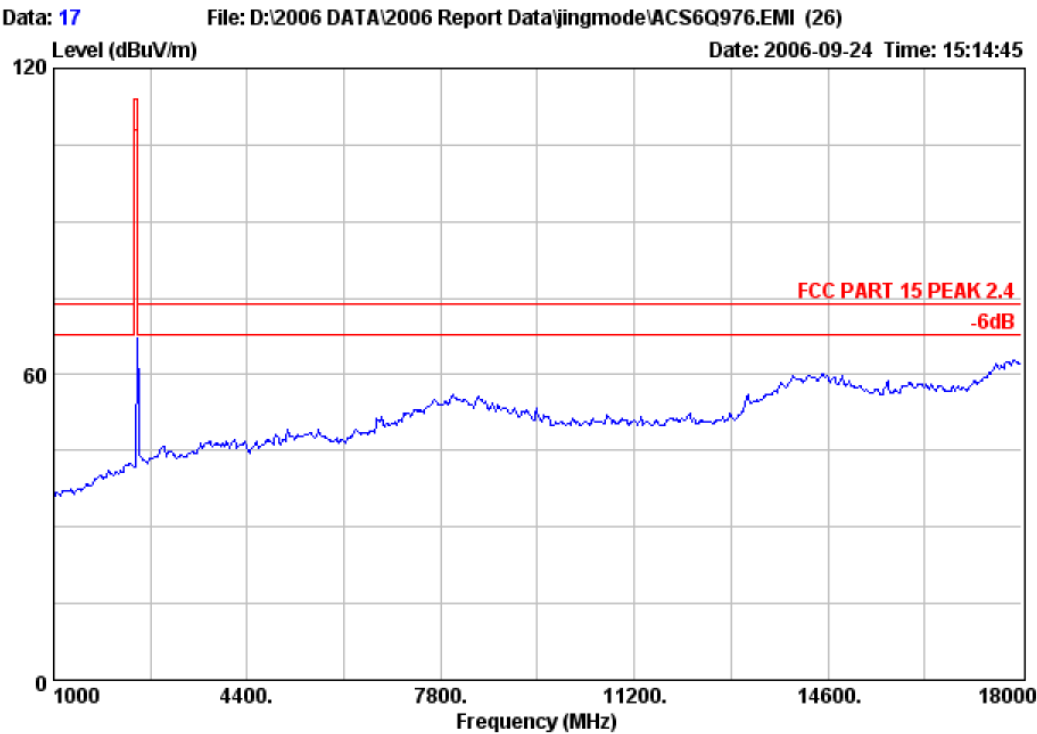
7f8 ln120 neiurd sec1
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tel:+886-2-26594900
http://www.audix.com



Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH5(2446MHz)



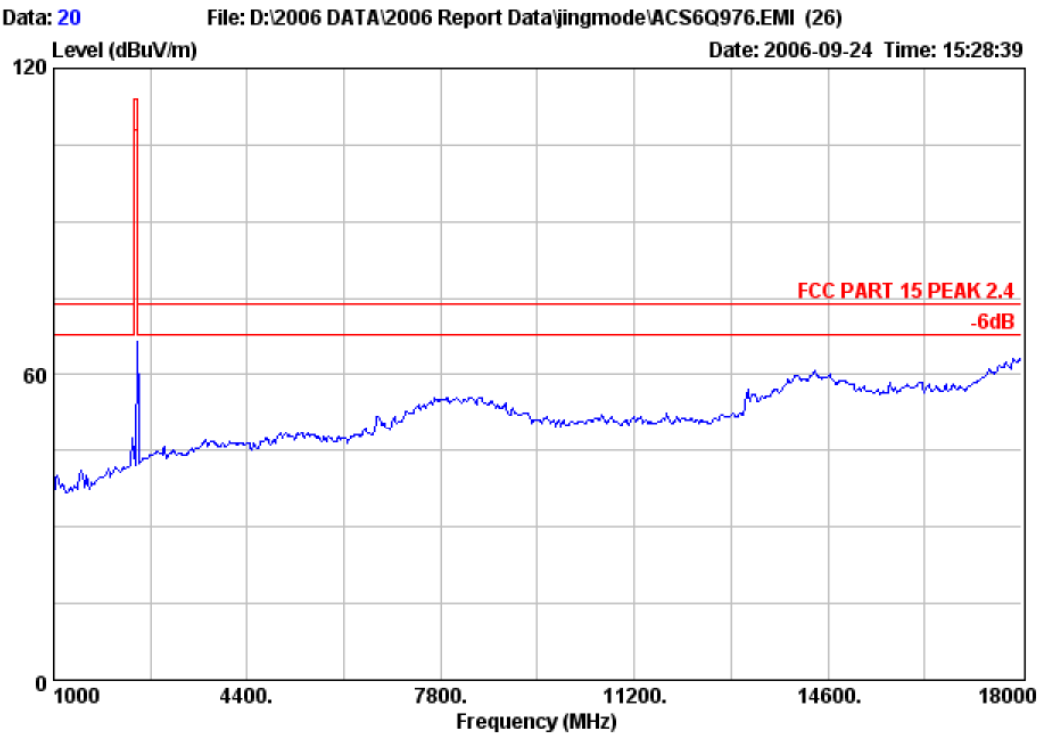
7f8 ln120 neihur d sec1
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tel:+886-2-26594900
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Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR HORIZONTAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5W from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH8(2473MHz)



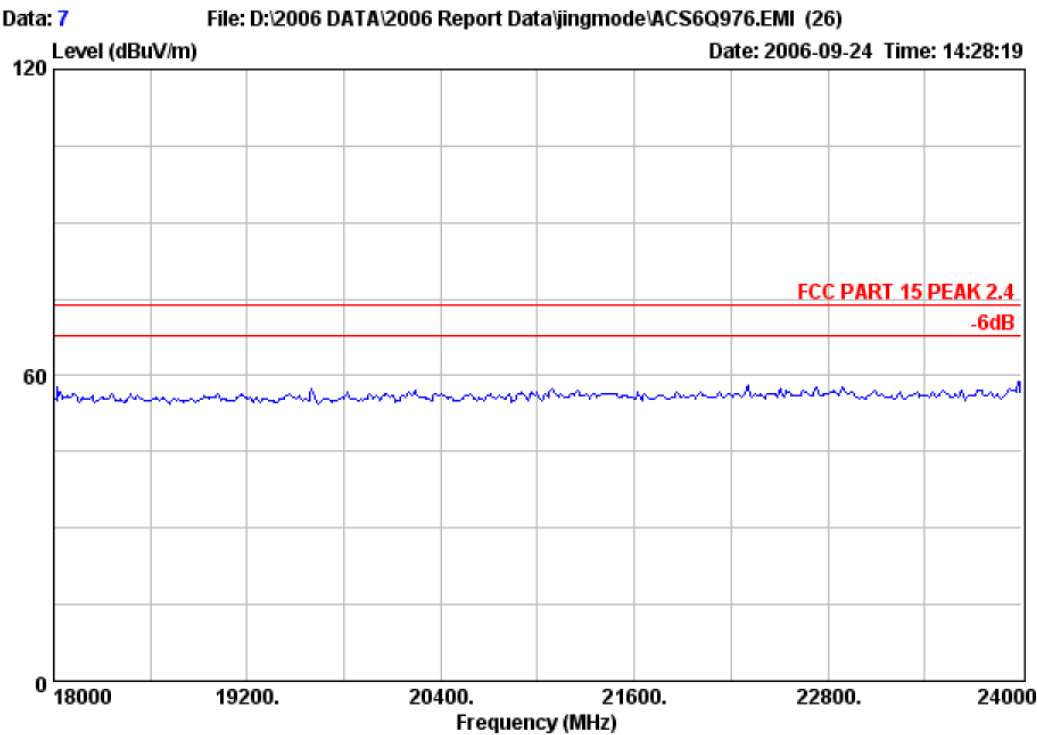
7f8 ln120 neihur d sec1
taipei, taiwan r.o.c.
tel:+886-2-26594900
http://www.audix.com



Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115 FACTOR VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5W from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:22°C Humi:55%
Memo : CH8(2473MHz)



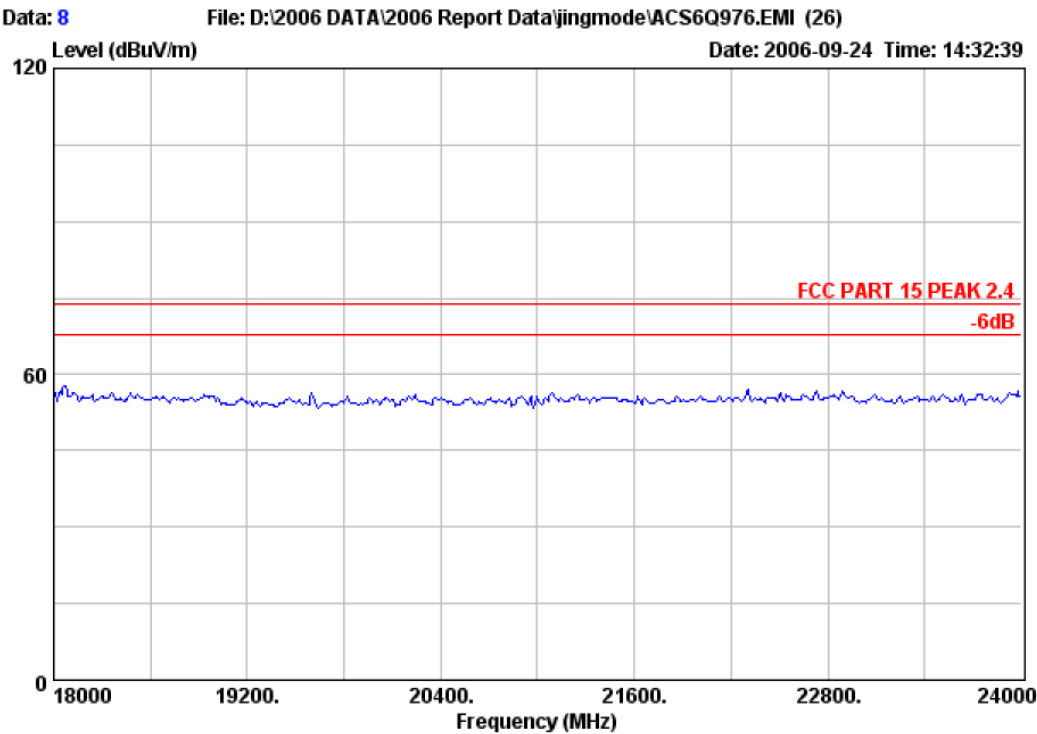
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EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:23' Humi:50%
Memo : CH1(2410MHz)



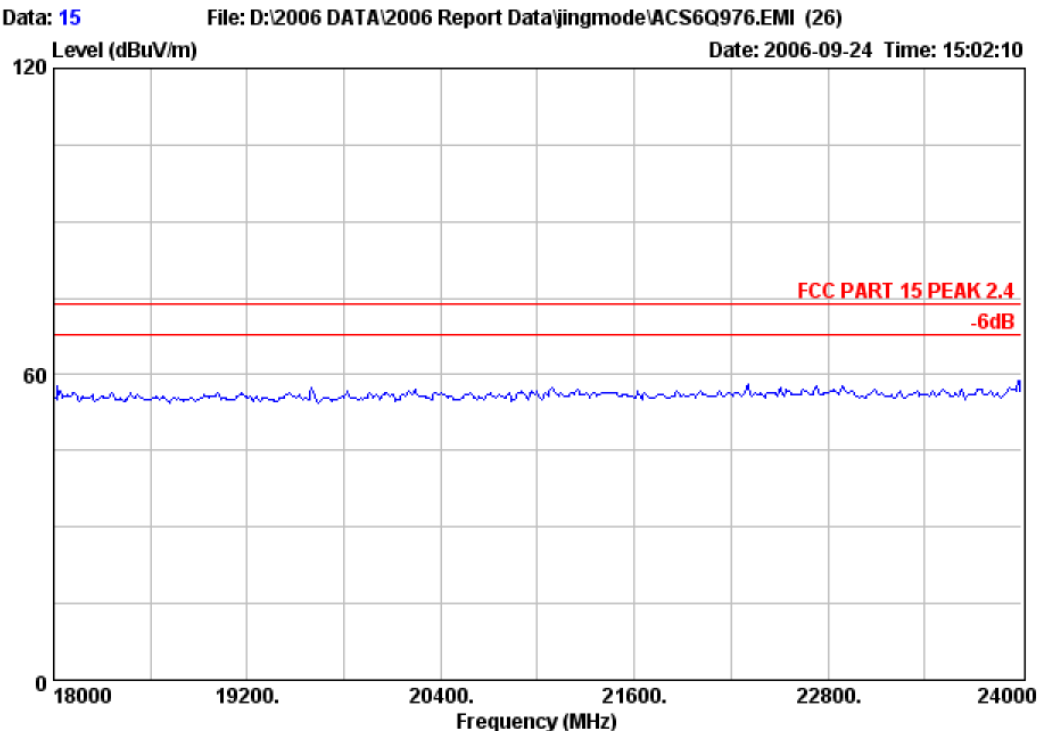
7f8 ln120 neihur d sec1
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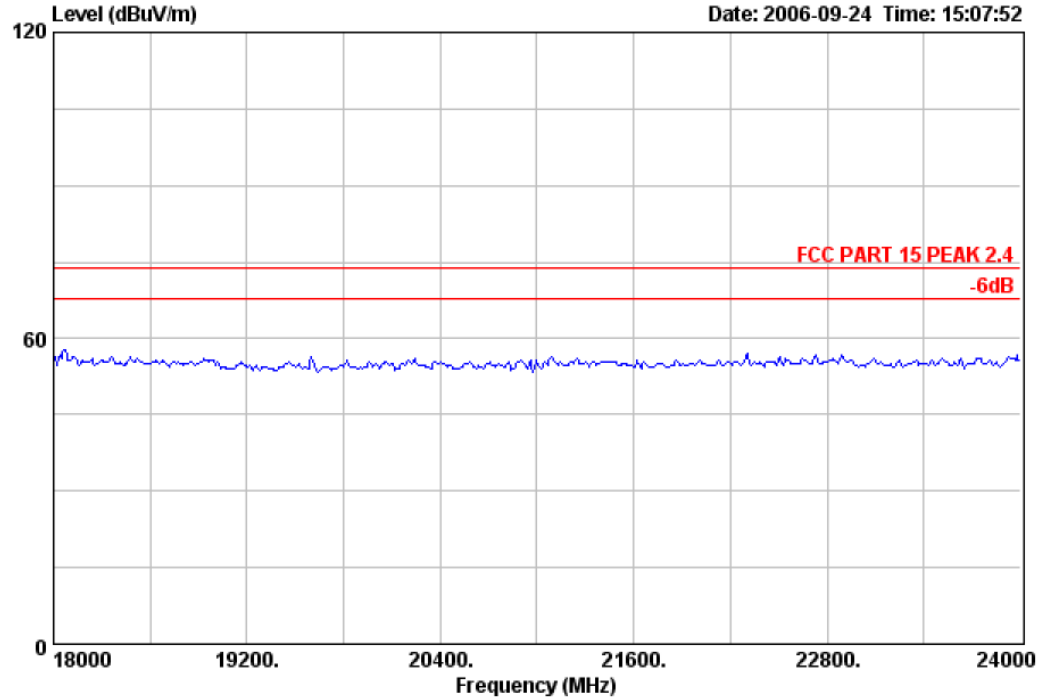


Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115FACTOR HORIZONTAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5W from PC AC 120V/60Hz
Test Mode : TX Mode
Test By : Iceman
Comment : Temp:23' Humi:50%
Memo : CH5(2446MHz)



7f8 ln120 neihur d sec1
taipei, taiwan r.o.c.
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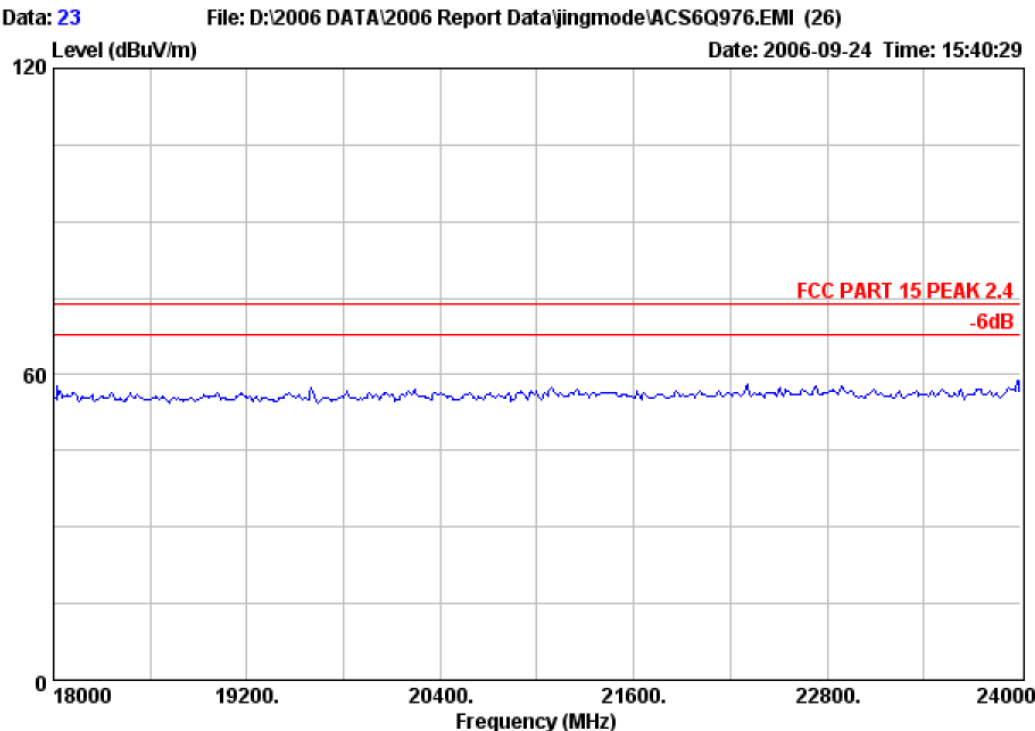
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Site : 1# Chamber
Condition : FCC PART 15 PEAK 2.4 3m 3115FACTOR VERTICAL
EUT : RF RECEIVER
M/N : JME-3236A/2105
Power : DC 5V from PC AC 120V/60Hz
Test Mode : Iceman
Test By : TX Mode
Comment : Temp:23' Humi:50%
Memo : CH5(2446MHz)



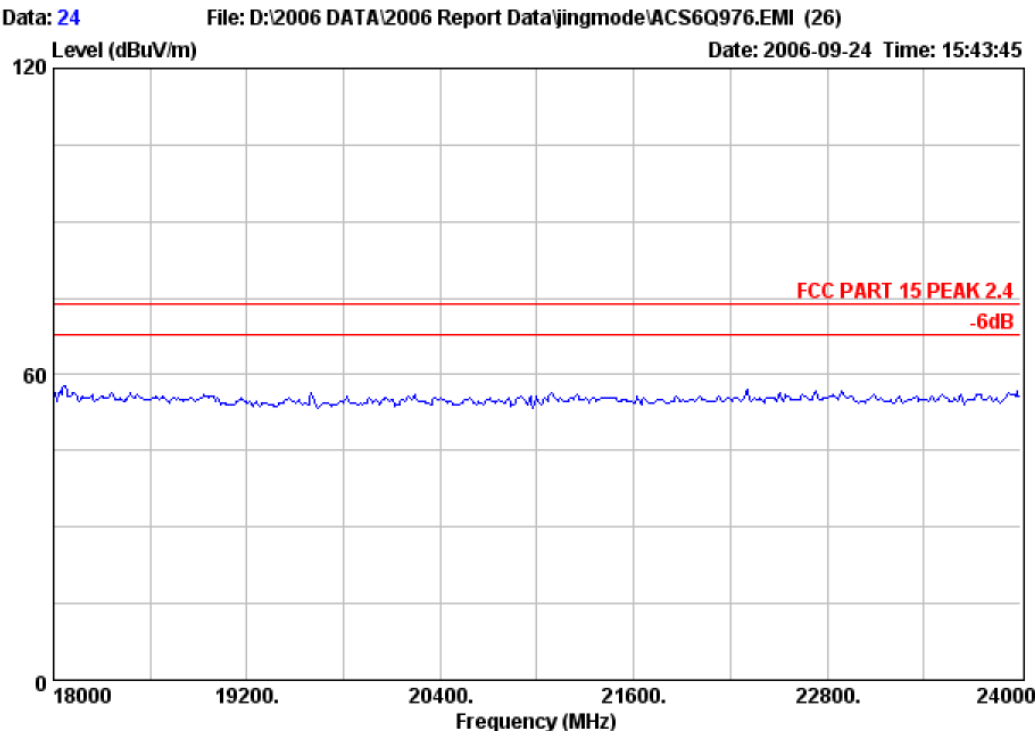
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Site : 1# Chamber
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Memo : CH8(2473MHz)