

APPLICATION FOR CERTIFICATION

On Behalf of

Jing Mold Electronics Technology (Shenzhen) Co., Ltd

RF Keyboard

Model Number: JME-8237B

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

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
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Report Number : ACS-F07522

Date of Test : Oct.30~Nov.14,2007

Date of Report : Dec.04,2007

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TEST REPORT CERTIFICATION

Applicant : Jing Mold Electronics Technology (Shenzhen) Co., Ltd
Manufacturer : Jing Mold Electronics Technology (Shenzhen) Co., Ltd
EUT Description : RF Keyboard
(A) MODEL NO. : JME-8237B
(B) SERIAL NO. : N/A
(C) POWER SUPPLY : DC 3V

Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart C 2007

The device described above is tested by AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C limits both radiated and conducted emissions.

The test results are contained in this test report and AUDIX TECHNOLOGY (SHENZHEN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX TECHNOLOGY (SHENZHEN) CO., LTD.

Date of Test : Oct.30~Nov.14, 2007

Prepared by : Candy Zhang / Assistant

Reviewer : Iceman Hu / Supervisor

Approved & Authorized Signer : Ken Lu / Deputy Manager

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	Results
Power Line Conducted Emission Test	FCC Part 15C: 15.207 ANSI C63.4-2003	N/A
Radiated Emission Test	FCC Part 15C: 15.249 ANSI C63.4-2003	PASS
Band Edge Compliance Test	FCC Part 15: 15.249	PASS

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Product name	:	RF Keyboard
Model Number	:	JME-8237B
Operation frequency	:	2.4100GHz~2.4730GHz
Modulation	:	GFSK
Applicant	:	Jing Mold Electronics Technology (Shenzhen) Co., Ltd Xin Qiao, 3 rd Industrial Estate, Shajing Paoan, Shenzhen, China.
Manufacturer	:	Jing Mold Electronics Technology (Shenzhen) Co., Ltd Xin Qiao, 3 rd Industrial Estate, Shajing Paoan, Shenzhen, China.
Date of Test	:	Oct.30~Nov.14, 2007
Date of Receipt	:	Oct.30, 2007
Sample Type	:	Series production

2.2. Tested Supporting System Details

2.2.1. Netbook

M/N	:	PP21L
Manufacturer	:	DELL
Power cord	:	Unshielded, Detachabled , 2.0m
FCC ID	:	By DoC

2.3. 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 Jan. 31, 2007
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, 2007 Certificated by Nemko, Norway Aut. No.: ELA135 April. 22, 2004 Certificated by Industry Canada Registration Number: IC 5183A-1 Aug.10, 2007

Name of Firm	:	Audix Technology (Shenzhen) Co., Ltd.
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Site Location	:	No. 6, Ke Feng Rd., 52 Block, Shenzhen Science & Industrial Park, Nantou, Shenzhen, Guangdong, China
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2.4. Measurement Uncertainty

No.	Item	Uncertainty
1.	Uncertainty for Conducted Emission Test	1.22dB
2.	Uncertainty for Radiated Emission Test<1GHz	4.62dB
3.	Uncertainty for Radiated Emission Test>1GHz	4.79dB
4.	Uncertainty for Frequency measure	0.42*10 ⁻⁶

3. POWER LINE CONDUCTED EMISSION TEST

According to Paragraph (f) of FCC Part 15 section 15.207, 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.

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

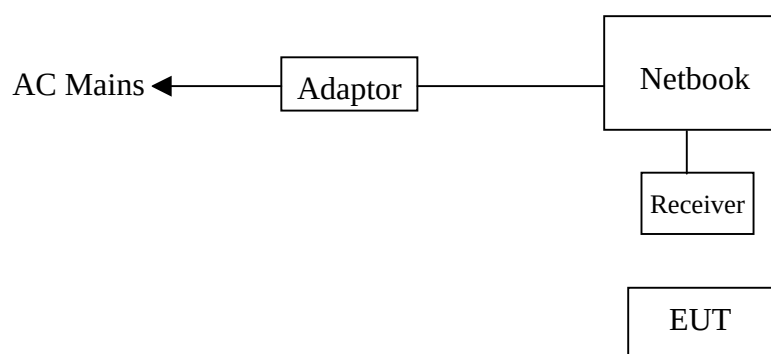
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	3#Chamber	AUDIX	N/A	N/A	June.25.07	1/2 Year
2.	EMI Spectrum	Agilent	E7403A	MY42000106	May 11, 07	1 Year
3.	Test Receiver	Rohde & Schwarz	ESVS20	830350/005	May 11, 07	1 Year
4.	Amplifier	HP	8447D	2944A07794	Sep.11, 07	1/2 Year
5.	Bilog Antenna	Schaffner	CBL6111C	2598	Feb.22, 07	1 Year
6.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.1	July. 16, 07	1/2 Year
7.	RF Cable	MIYAZAKI	5D-2W	3# Chamber No.2	July. 16, 07	1/2 Year
8.	RF Cable	FUJIKURAw	RG-55/U	3# Chamber No.3	July. 16, 07	1/2 Year
9.	RF Cable	FUJIKURA	RG-55/U	3# Chamber No.4	July. 16, 07	1/2 Year
10.	Coaxial Switch	Anritsu	MP59B	M73989	July. 16, 07	1/2 Year

Frequency rang: above 1000MHz

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4446A	VS43300459	May 11, 07	1 Year
2.	Amp	HP	8449B	3008A00863	May 11, 07	1 Year
3.	Antenna	EMCO	3115	9607-4877	Jan. 23, 07	1.5 Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May 11, 07	1 Year
5.	Antenna	ETS	3116	00060088	May. 28, 07	1 Year

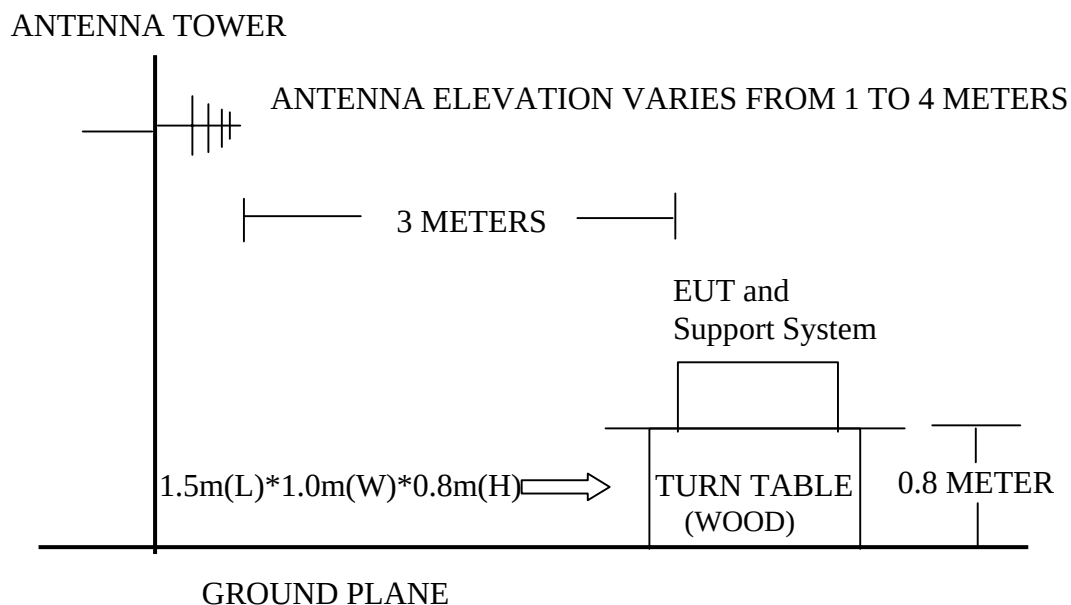
4.2. Block Diagram of Test Setup

4.2.1. Block Diagram of connection between EUT and simulators



(EUT: RF Keyboard)

4.2.2. Anechoic Chamber Setup Diagram



4.3. Radiated Emission Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
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	114.0 $\text{dB}(\mu\text{V})/\text{m}$ (Peak) 94.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average)	
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 $\mu\text{V/m}$
 - (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 Keyboard (EUT)

Model Number : JME-8237B
 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 3.2..

4.5.2. Let the EUT work in test modes (TX 2410MHz /TX 2445MHz /TX 2473MHz) 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 VBW is set at 1MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW,10Hz VBW for average emission measurement above 1GHz

The frequency range from 30MHz to 10th harmonic are checked.

The test modes (TX Mode) is tested in Anechoic Chamber and all the scanning waveforms are reported on Section 4.7.

4.7. Radiated Emission Test Results

PASS.

The frequency range from 30MHz to 10th harmonic are checked.

All measurements for radiated emissions below 1GHz were Quasi-Peak detected with 120kHz Receiver bandwidth.

All measurements for radiated emissions from 1GHz~18GHz were Peak detected with 1MHz RBW and 1MHz VBW, and also average detected with 1MHz RBW and 10Hz VBW.

All the emissions from 18GHz~25GHz are Peak measured and comply with average limit. There is any radiated spurious emission in this frequency band, the test result is background level.

EUT: RF Keyboard

Model No. : JME-8237B

Test Date: Oct.30~Nov.14, 2007

Temperature: 23°C

Humidity: 54%

The details of test modes are as follows :

Test Mode	Frequency (MHz)	Test Mode	Reference Test Data No.	
			Horizontal	Vertical
1.	30~1000	Tx 2410MHz	#3	#4
2.		Tx 2445MHz	#6	#5
3.		Tx 2473MHz	#2	#1
4.	1000~18000	Tx 2410MHz	#1, #2	#3, #4
5.		Tx 2445MHz	#7, #8	#5, #6
6.		Tx 2473MHz	#9, #10	#11, #12
7.	18000~25000	Tx 2410MHz	#24, #29	#23, #30
8.		Tx 2445MHz	#25, #32	#26, #31
9.		Tx 2473MHz	#28, #33	#27, #34

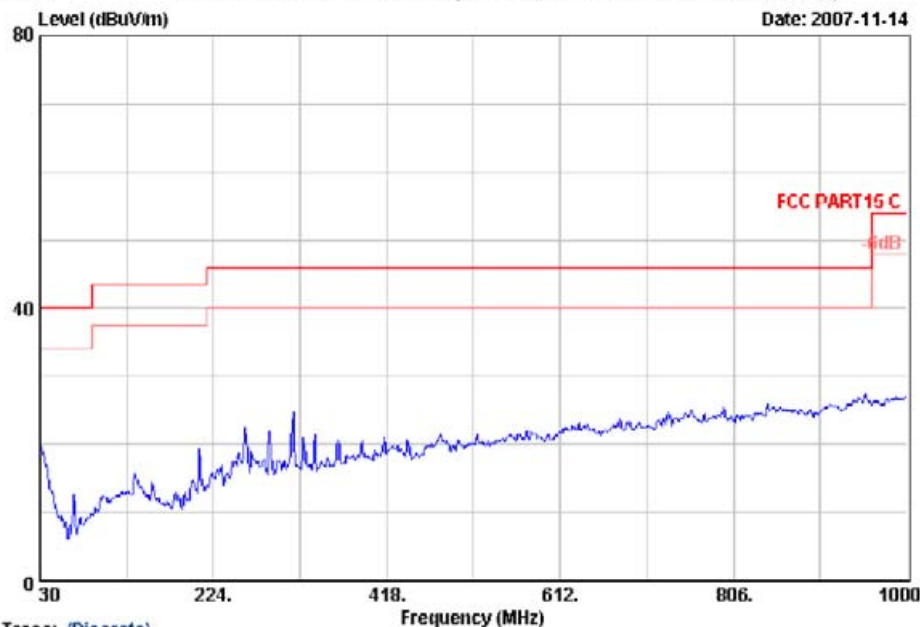


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Date: 2007-11-14



Trace: (Discrete)

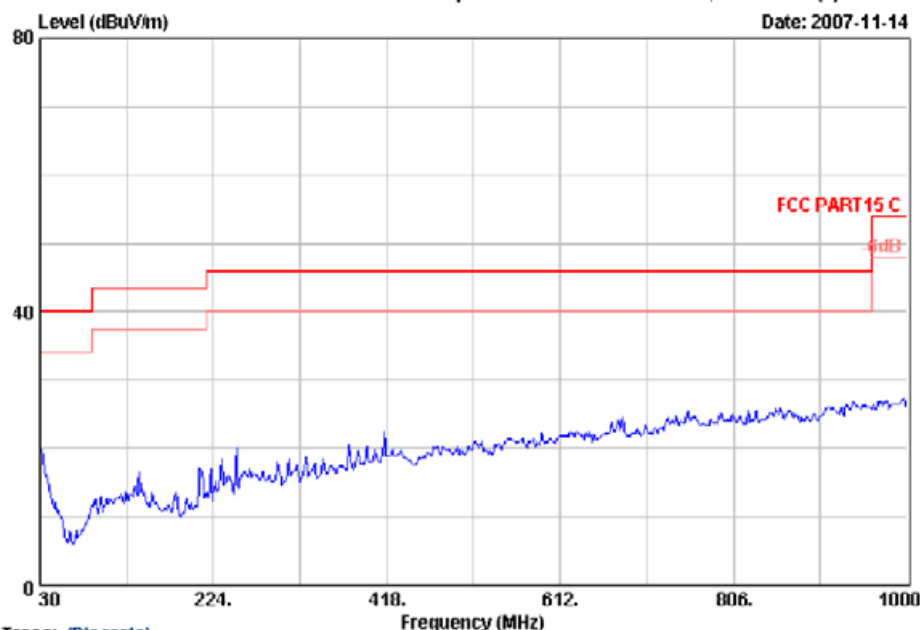
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Dis. / Ant. : 3m 2598
Limit : FCC PART15 C
Env. / Ins. : 24°C/56% ESVS20
EUT : RF Keyboard
Power Rating : DC 3V
Test mode : TX 2410MHz

Data no. : 3
Ant. pol. : HORIZONTAL
Engineer : Skyle
M/N:JME-8237B

Data: 4

File: D:\2007 TEST DATA\2007 Report Data\UJINGMOLD\ACS7Q1363-1.EMI (6)

Date: 2007-11-14



Trace: (Discrete)

Site no. : 3# Chamber Radiation
Dis. / Ant. : 3m 2598
Limit : FCC PART15 C
Env. / Ins. : 24°C/56% ESVS20
EUT : RF Keyboard
Power Rating : DC 3V
Test mode : TX 2410MHz

Data no. : 4
Ant. pol. : VERTICAL
Engineer : Skyle
M/N:JME-8237B



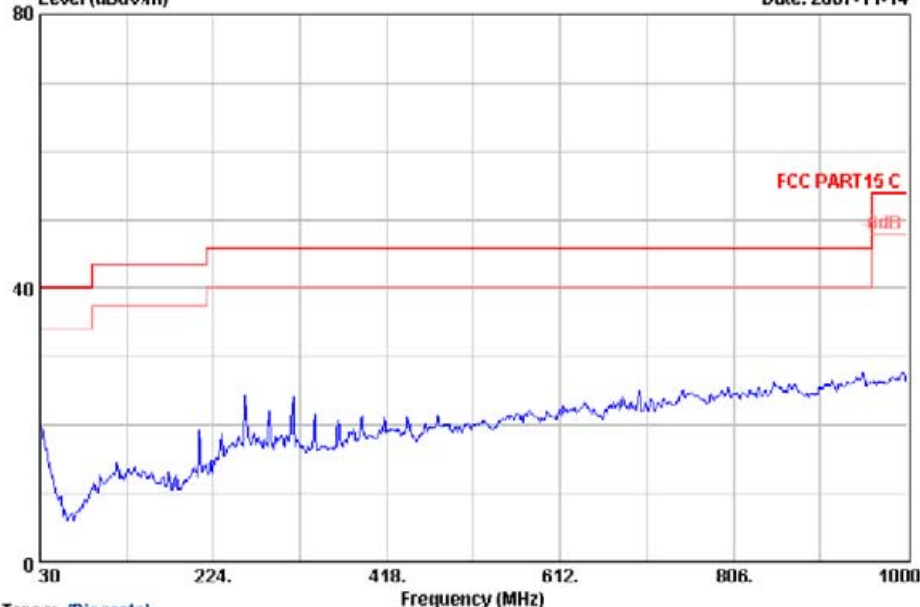
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Level (dBuV/m)

Date: 2007-11-14



Trace: (Discrete)

Site no. : 3# Chamber Radiation
Dis. / Ant. : 3m 2598
Limit : FCC PART15 C
Env. / Ins. : 24°C/56% ESVS20
EUT : RF Keyboard
Power Rating : DC 3V
Test mode : TX 2445MHz

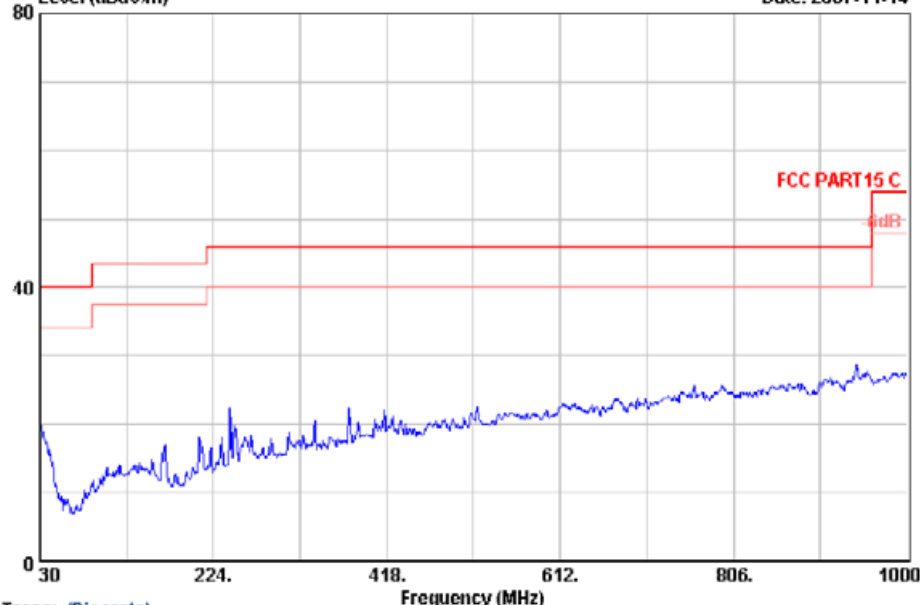
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Ant. pol. : HORIZONTAL
Engineer : Skyle
M/N:JME-8237B

Data: 5

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Level (dBuV/m)

Date: 2007-11-14



Trace: (Discrete)

Site no. : 3# Chamber Radiation
Dis. / Ant. : 3m 2598
Limit : FCC PART15 C
Env. / Ins. : 24°C/56% ESVS20
EUT : RF Keyboard
Power Rating : DC 3V
Test mode : TX 2445MHz

Data no. : 5
Ant. pol. : VERTICAL
Engineer : Skyle
M/N:JME-8237B

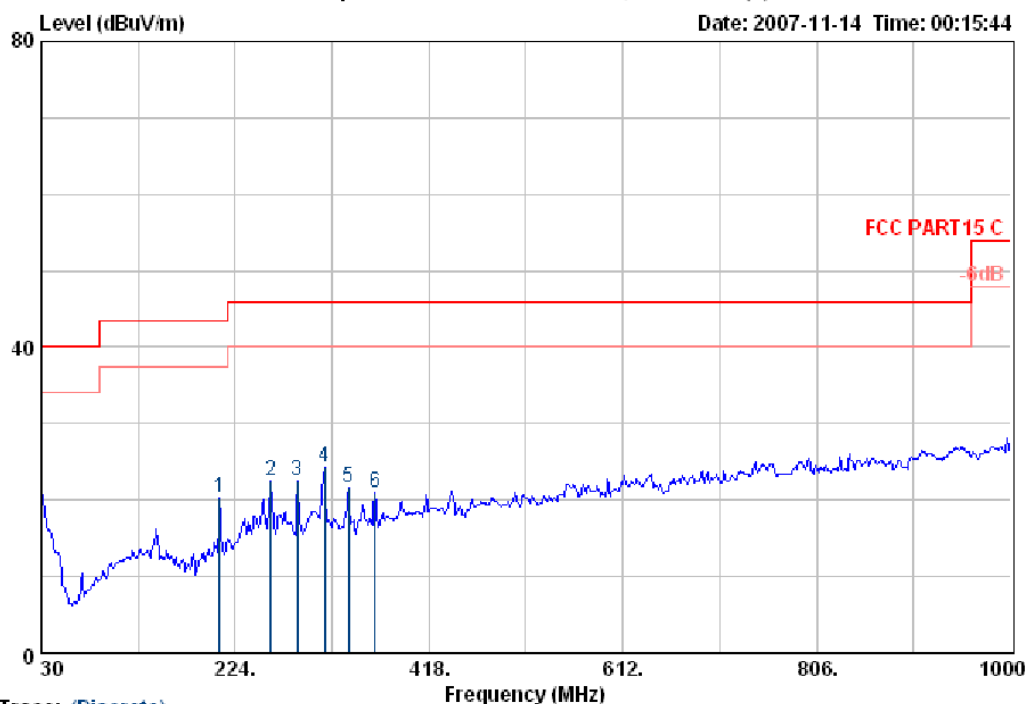


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Data: 2

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Date: 2007-11-14 Time: 00:15:44



Trace: (Discrete)

Site no. : 3# Chamber Radiation
Dis. / Ant. : 3m 2598
Limit : FCC PART15 C
Env. / Ins. : 24°C/56% ESVS20
EUT : RF Keyboard
Power Rating : DC 3V
Test mode : TX 2473MHz
Memo :

Data no. : 2
Ant. pol. : HORIZONTAL
Engineer : Skyle
M/N:JME-8237B

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	208.48	10.37	1.39	8.49	20.25	43.50	23.25	QP
2	259.89	13.90	1.55	7.04	22.49	46.00	23.51	QP
3	286.08	13.42	1.55	7.65	22.62	46.00	23.38	QP
4	313.24	13.96	1.74	8.69	24.39	46.00	21.61	QP
5	337.49	14.70	1.74	5.12	21.56	46.00	24.44	QP
6	363.68	15.40	1.76	3.85	21.01	46.00	24.99	QP

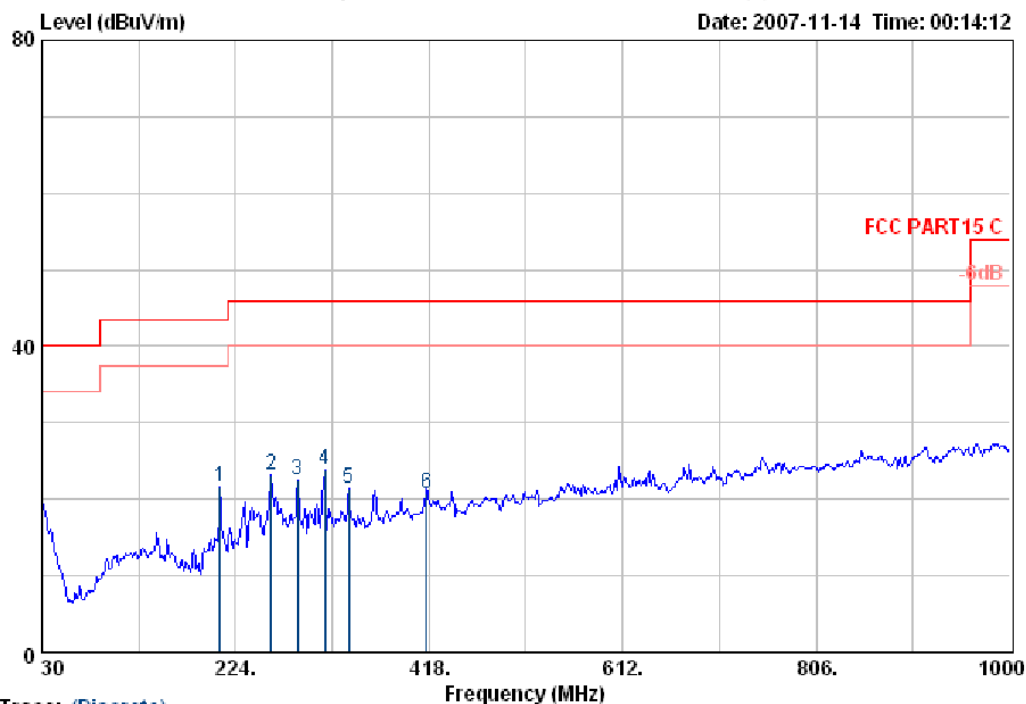
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 1

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Trace: (Discrete)

Site no. :	3# Chamber Radiation	Data no. :	1
Dis. / Ant. :	3m 2598	Ant. pol. :	VERTICAL
Limit :	FCC PART15 C		
Env. / Ins. :	24*C/56% ESVS20	Engineer :	Skyle
EUT :	RF Keyboard	M/N:	JME-8237B
Power Rating :	DC 3V		
Test mode :	TX 2473MHz		
Memo :			

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	208.48	10.37	1.39	9.88	21.64	43.50	21.86	QP
2	259.89	13.90	1.55	7.77	23.22	46.00	22.78	QP
3	286.08	13.42	1.55	7.45	22.42	46.00	23.58	QP
4	313.24	13.96	1.74	8.18	23.88	46.00	22.12	QP
5	337.49	14.70	1.74	5.05	21.49	46.00	24.51	QP
6	415.09	17.20	1.85	1.61	20.66	46.00	25.34	QP

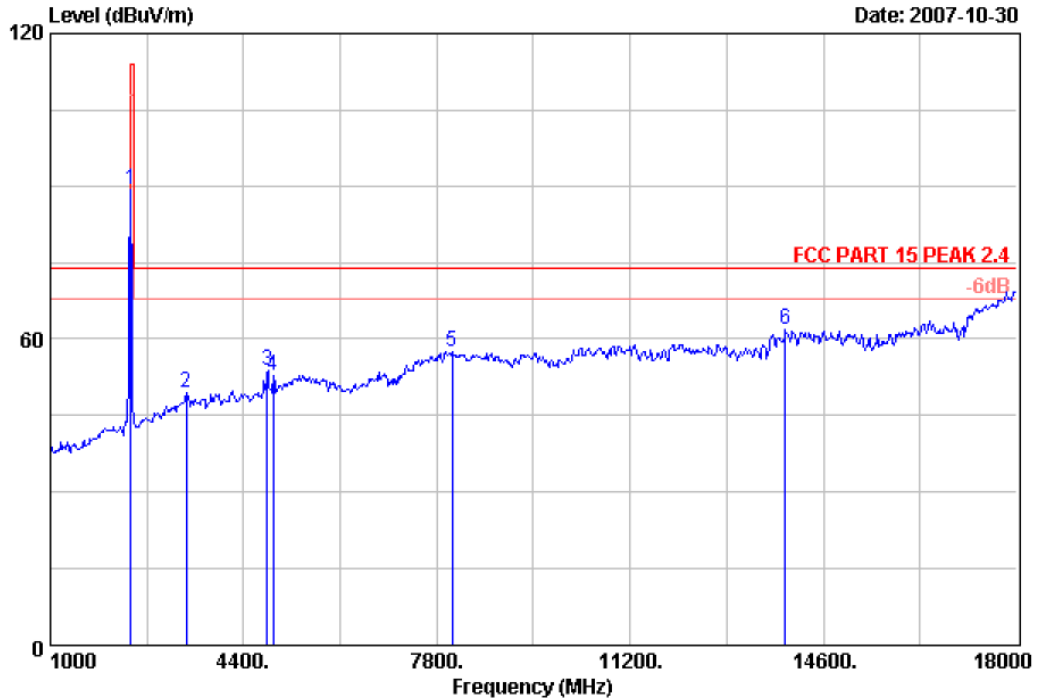
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 1 File: D:\2007 Report\JJing Mold\ACS7Q1363-1.EMI (19)

Date: 2007-10-30



Site no. : Data no. : 1
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2410MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2410.02	29.03	5.70	35.18	89.82	89.37	114.00	24.63	Peak
2	3397.00	32.09	7.19	34.88	44.96	49.36	74.00	24.64	Peak
3	4820.15	34.02	9.05	34.49	45.31	53.89	74.00	20.11	Peak
4	4927.00	34.29	9.30	34.47	43.66	52.78	74.00	21.22	Peak
5	8072.00	38.08	12.74	34.66	41.39	57.55	74.00	16.45	Peak
6	13937.00	41.82	14.62	35.73	41.08	61.79	74.00	12.21	Peak

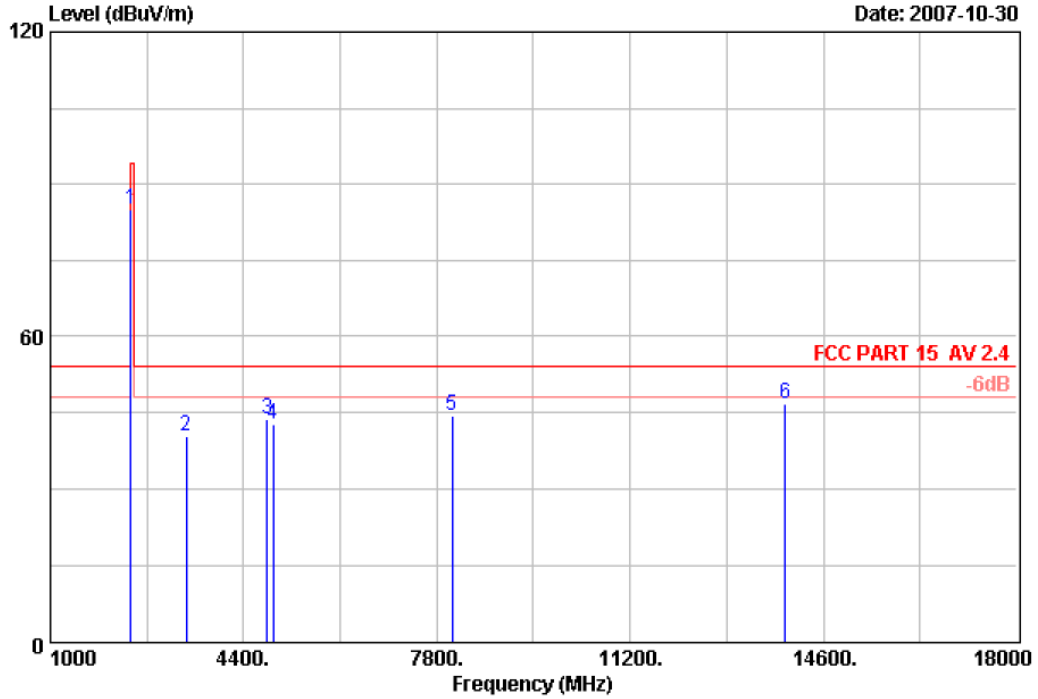
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Date: 2007-10-30



Site no. : Data no. : 2
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 AV 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2410MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2410.00	29.03	5.70	35.18	85.32	84.87	94.00	9.13	Average
2	3397.00	32.09	7.19	34.88	35.96	40.36	54.00	13.64	Average
3	4820.15	34.02	9.05	34.49	35.31	43.89	54.00	10.11	Average
4	4927.00	34.29	9.30	34.47	33.66	42.78	54.00	11.22	Average
5	8072.00	38.08	12.74	34.66	28.39	44.55	54.00	9.45	Average
6	13937.00	41.82	14.62	35.73	26.08	46.79	54.00	7.21	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

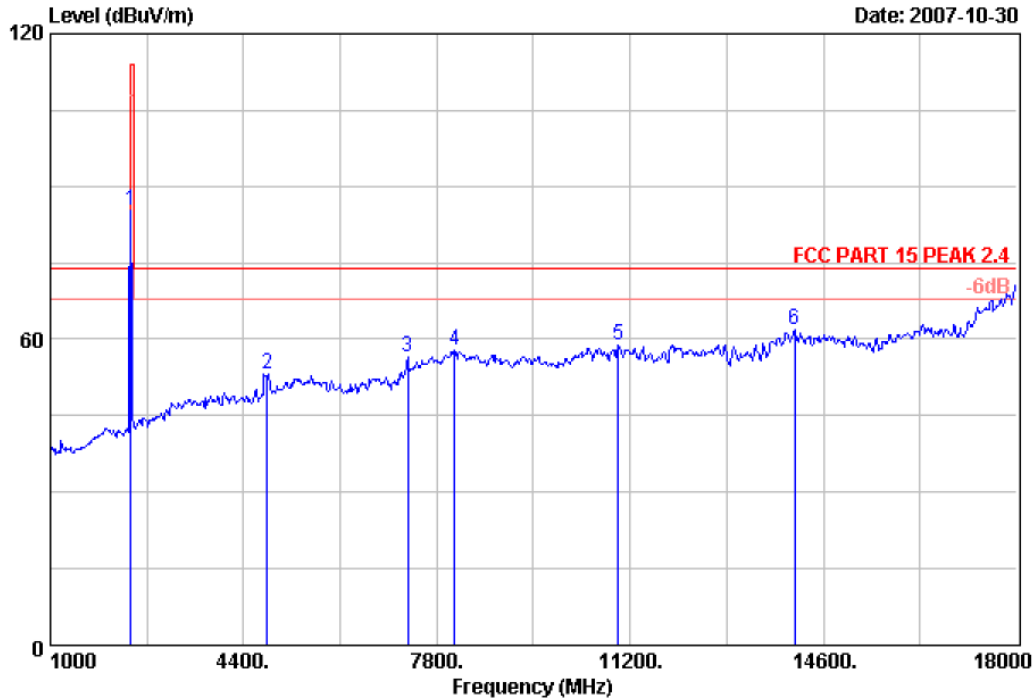


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Data: 3

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Date: 2007-10-30



Site no. : Data no. : 3
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2410MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission		Limits (dBuV/m)	Margin (dB)	Remark
					Reading (dBuV)	Level (dBuV/m)			
1	2410.00	29.03	5.70	35.18	85.76	85.31	114.00	28.69	Peak
2	4820.13	34.02	9.05	34.49	44.50	53.08	74.00	20.92	Peak
3	7290.00	37.47	11.00	34.46	42.48	56.49	74.00	17.51	Peak
4	8106.00	38.12	12.76	34.68	41.71	57.91	74.00	16.09	Peak
5	10996.00	39.00	14.05	36.30	42.07	58.82	74.00	15.18	Peak
6	14090.00	41.97	14.62	35.65	40.90	61.84	74.00	12.16	Peak

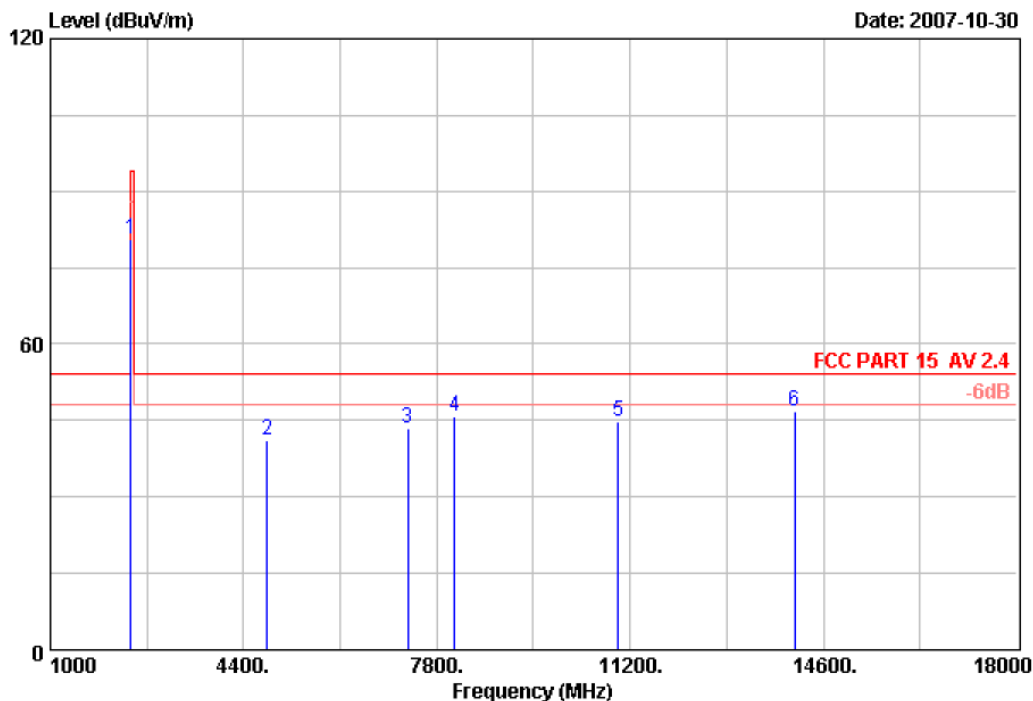
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Postcode:518057

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Date: 2007-10-30



Site no. : Data no. : 4
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 AV 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2410MHz

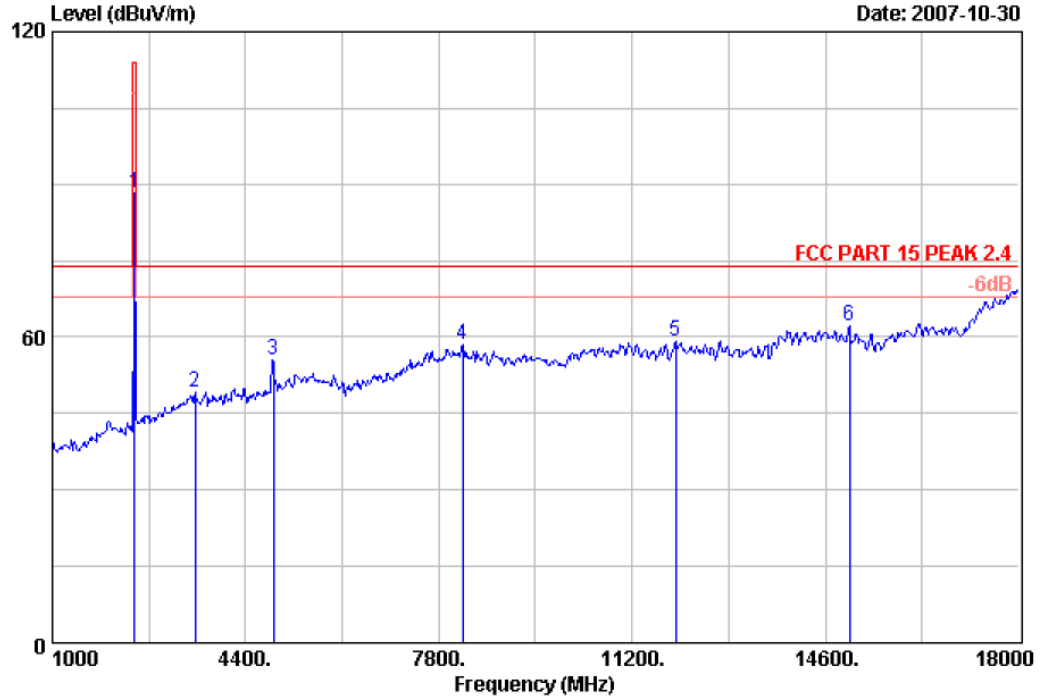
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2410.00	29.03	5.70	35.18	81.14	80.69	94.00	13.31	Average
2	4820.13	34.02	9.05	34.49	32.50	41.08	54.00	12.92	Average
3	7290.00	37.47	11.00	34.46	29.48	43.49	54.00	10.51	Average
4	8106.00	38.12	12.76	34.68	29.71	45.91	54.00	8.09	Average
5	10996.00	39.00	14.05	36.30	28.07	44.82	54.00	9.18	Average
6	14090.00	41.97	14.62	35.65	25.90	46.84	54.00	7.16	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\2007 Report\JJing Mold\ACS7Q1363-1.EMI (19)



Site no. : Data no. : 7
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2445MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				
					Reading	Level	Limits	Margin	Remark
					(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2445.00	29.11	5.81	35.17	88.51	88.26	114.00	25.74	Peak
2	3516.00	32.42	7.40	34.84	44.27	49.25	74.00	24.75	Peak
3	4890.00	34.20	9.17	34.48	46.72	55.61	74.00	18.39	Peak
4	8225.00	38.27	12.83	34.78	42.19	58.51	74.00	15.49	Peak
5	11965.00	39.53	13.55	36.40	42.56	59.24	74.00	14.76	Peak
6	15025.00	40.65	14.81	35.19	41.80	62.07	74.00	11.93	Peak

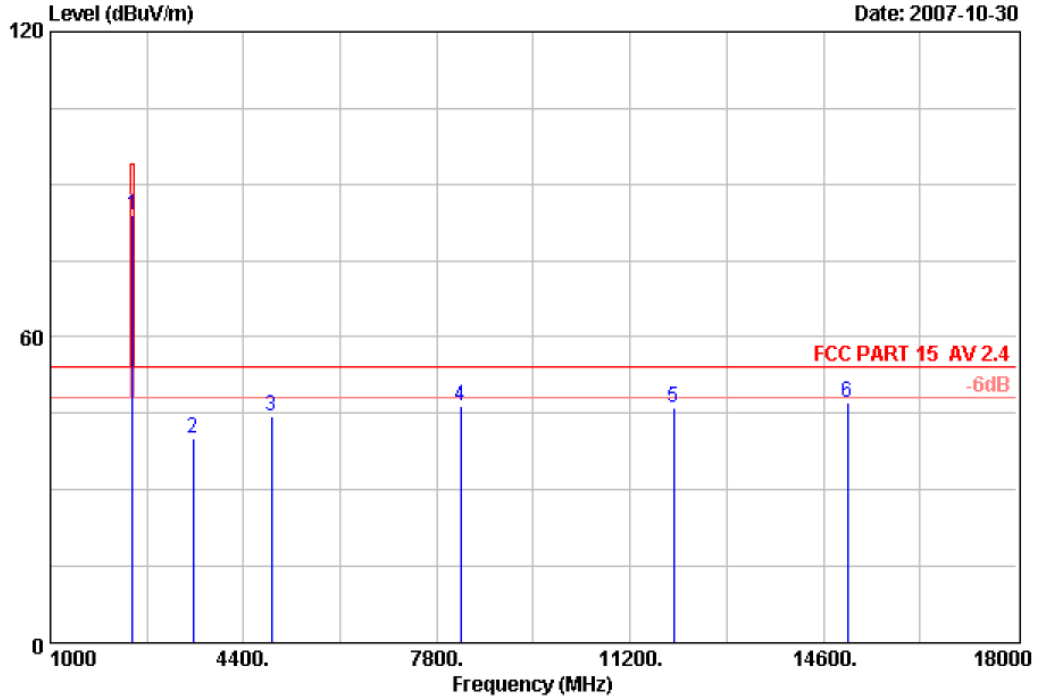
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : Data no. : 8
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 AV 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2445MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2445.00	29.11	5.81	35.17	84.14	83.89	94.00	10.11	Average
2	3516.00	32.42	7.40	34.84	35.27	40.25	54.00	13.75	Average
3	4890.00	34.20	9.17	34.48	35.72	44.61	54.00	9.39	Average
4	8225.00	38.27	12.83	34.78	30.19	46.51	54.00	7.49	Average
5	11965.00	39.53	13.55	36.40	29.56	46.24	54.00	7.76	Average
6	15025.00	40.65	14.81	35.19	26.80	47.07	54.00	6.93	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

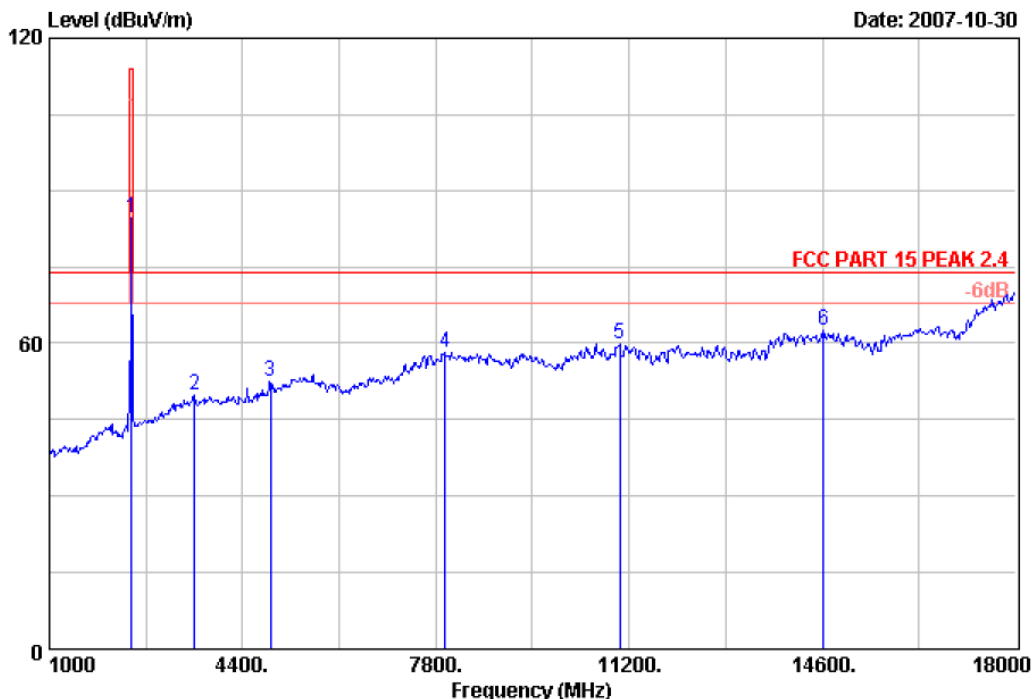


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Site no. : Data no. : 5
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2445MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				
					Reading	Level	Limits	Margin	Remark
					(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2445.00	29.11	5.81	35.17	84.71	84.46	114.00	29.54	Peak
2	3550.00	32.52	7.48	34.83	44.63	49.80	74.00	24.20	Peak
3	4890.11	34.20	9.17	34.48	43.61	52.50	74.00	21.50	Peak
4	7970.00	37.99	12.50	34.59	42.16	58.06	74.00	15.94	Peak
5	11030.00	39.00	14.03	36.30	43.11	59.84	74.00	14.16	Peak
6	14617.00	41.93	14.07	35.39	41.76	62.37	74.00	11.63	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

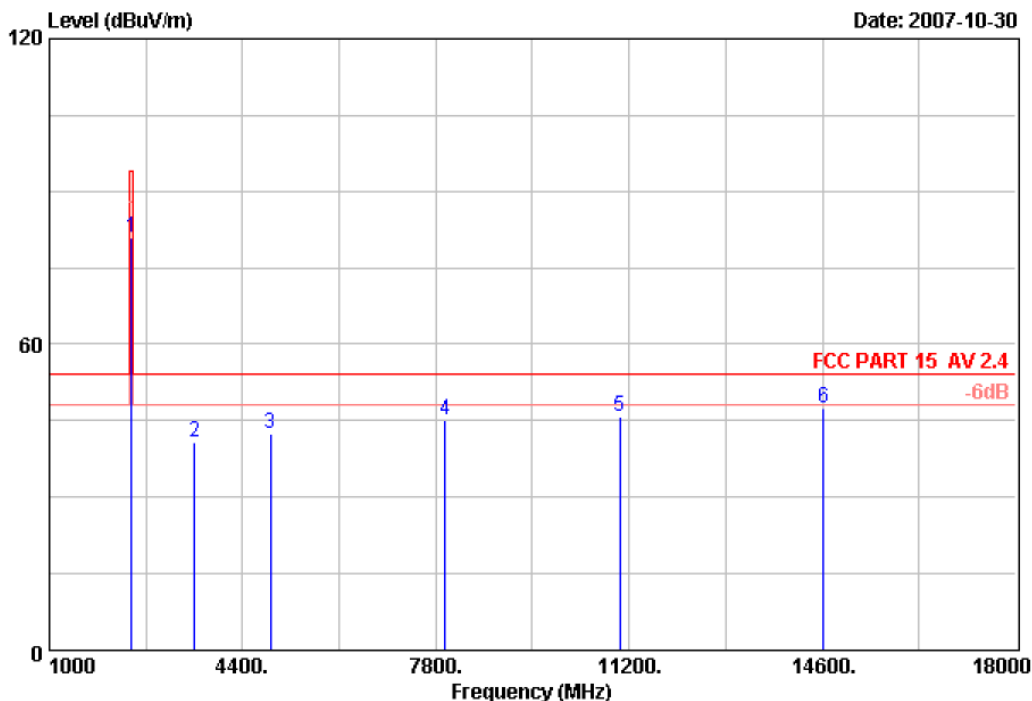


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Date: 2007-10-30



Site no. : Data no. : 6
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 AV 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2445MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2445.00	29.11	5.81	35.17	81.28	81.03	94.00	12.97	Average
2	3550.00	32.52	7.48	34.83	35.63	40.80	54.00	13.20	Average
3	4890.11	34.20	9.17	34.48	33.61	42.50	54.00	11.50	Average
4	7970.00	37.99	12.50	34.59	29.16	45.06	54.00	8.94	Average
5	11030.00	39.00	14.03	36.30	29.11	45.84	54.00	8.16	Average
6	14617.00	41.93	14.07	35.39	26.76	47.37	54.00	6.63	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

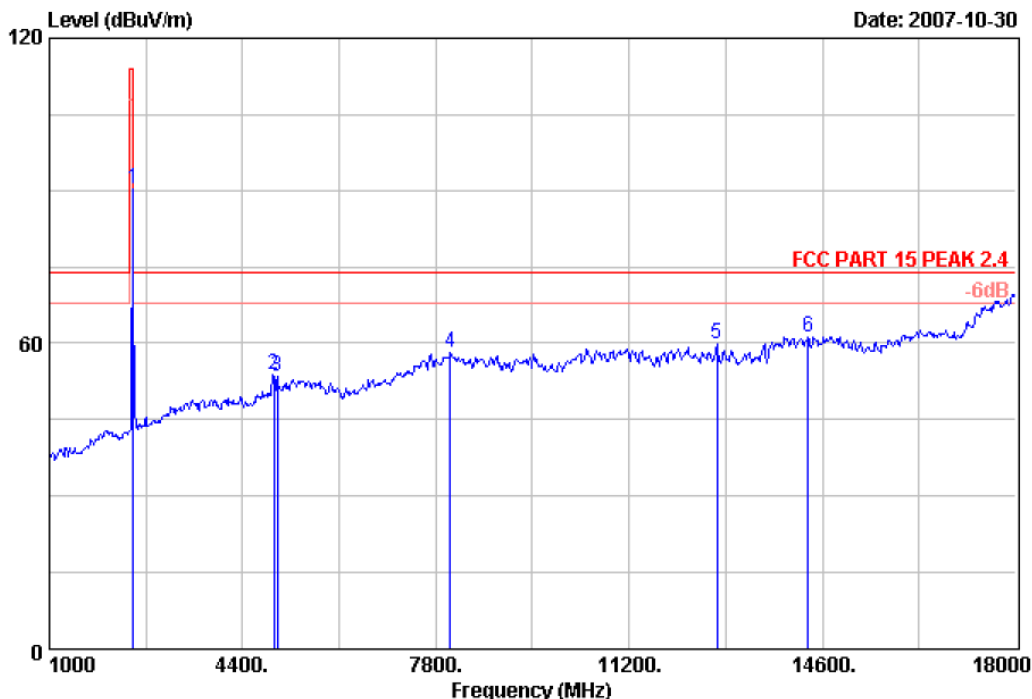


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Site no. : Data no. : 9
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2473MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				
					Reading	Level	Limits	Margin	Remark
					(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2473.00	29.19	5.93	35.16	90.24	90.20	114.00	23.80	Peak
2	4946.00	34.34	9.34	34.46	44.74	53.96	74.00	20.04	Peak
3	5012.00	34.55	9.47	34.45	43.89	53.46	74.00	20.54	Peak
4	8055.00	38.06	12.71	34.64	41.96	58.09	74.00	15.91	Peak
5	12747.00	39.54	13.59	36.14	42.84	59.83	74.00	14.17	Peak
6	14345.00	42.18	14.10	35.53	40.54	61.29	74.00	12.71	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

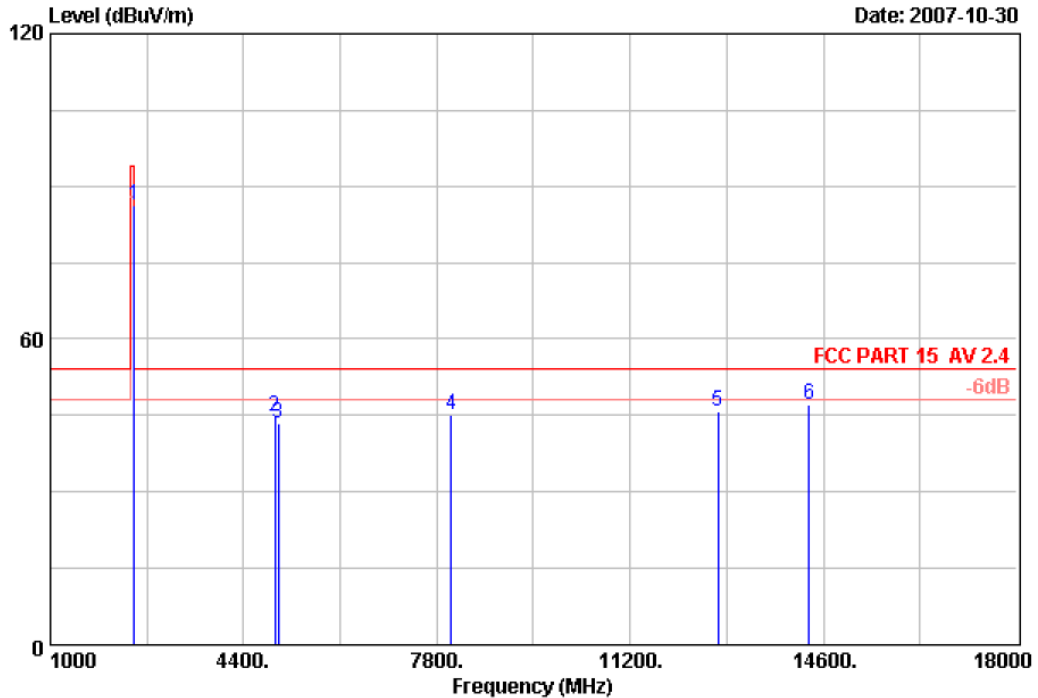


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Date: 2007-10-30



Site no. : Data no. : 10
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 AV 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2473MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2473.00	29.19	5.93	35.16	86.26	86.22	94.00	7.78	Average
2	4946.00	34.34	9.34	34.46	35.74	44.96	54.00	9.04	Average
3	5012.00	34.55	9.47	34.45	33.89	43.46	54.00	10.54	Average
4	8055.00	38.06	12.71	34.64	28.96	45.09	54.00	8.91	Average
5	12747.00	39.54	13.59	36.14	28.84	45.83	54.00	8.17	Average
6	14345.00	42.18	14.10	35.53	26.54	47.29	54.00	6.71	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

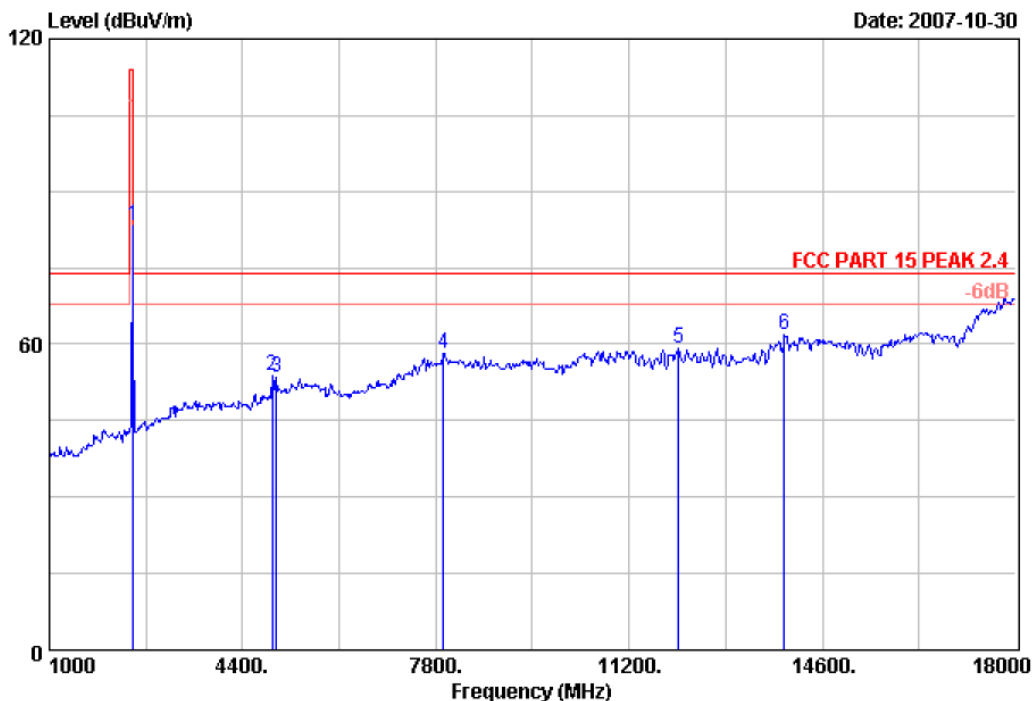


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Date: 2007-10-30



Site no. : Data no. : 11
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2473MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission		Limits (dBuV/m)	Margin (dB)	Remark
					Reading (dBuV)	Level (dBuV/m)			
1	2473.00	29.19	5.93	35.16	83.37	83.33	114.00	30.67	Peak
2	4927.00	34.29	9.30	34.47	44.65	53.77	74.00	20.23	Peak
3	4995.00	34.47	9.43	34.45	44.15	53.60	74.00	20.40	Peak
4	7936.00	37.97	12.35	34.58	42.31	58.05	74.00	15.95	Peak
5	12067.00	39.54	13.60	36.37	42.46	59.23	74.00	14.77	Peak
6	13937.00	41.82	14.62	35.73	41.14	61.85	74.00	12.15	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

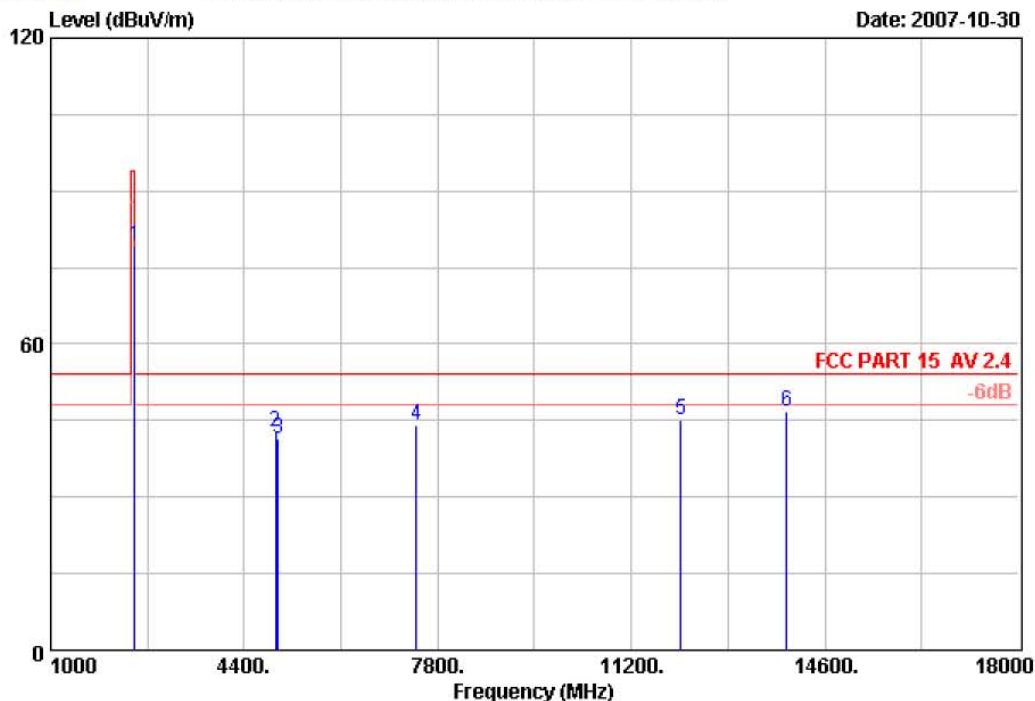


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Date: 2007-10-30



Site no. : Data no. : 12
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 AV 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2473MHz
M/N :

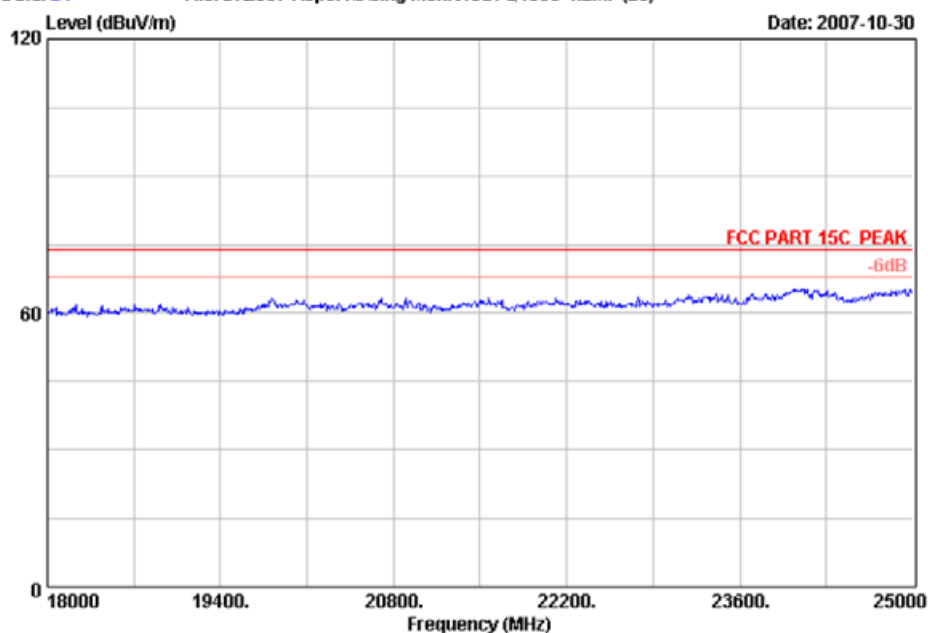
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission		Limits (dBuV/m)	Margin (dB)	Remark
					Reading	Level			
1	2473.00	29.19	6.87	35.16	78.31	79.21	94.00	14.79	Average
2	4946.00	34.34	10.58	34.46	32.31	42.77	54.00	11.23	Average
3	4995.00	34.47	9.43	34.45	32.15	41.60	54.00	12.40	Average
4	7419.00	37.69	12.33	34.49	28.52	44.05	54.00	9.95	Average
5	12067.00	39.54	13.60	36.37	28.46	45.23	54.00	8.77	Average
6	13937.00	41.82	14.62	35.73	26.14	46.85	54.00	7.15	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



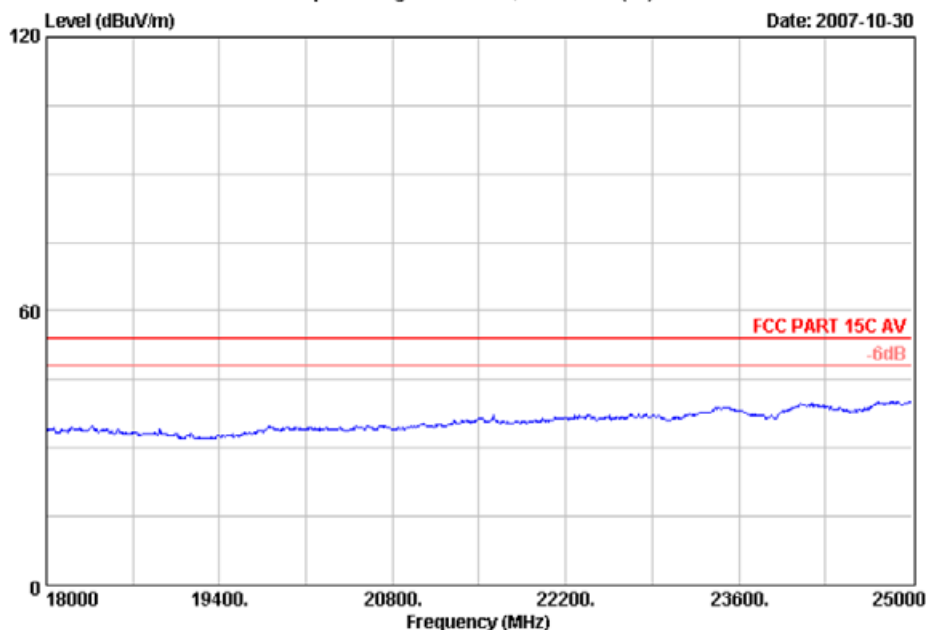
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Site no. : Data no. : 24
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Skyler
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2410MHz

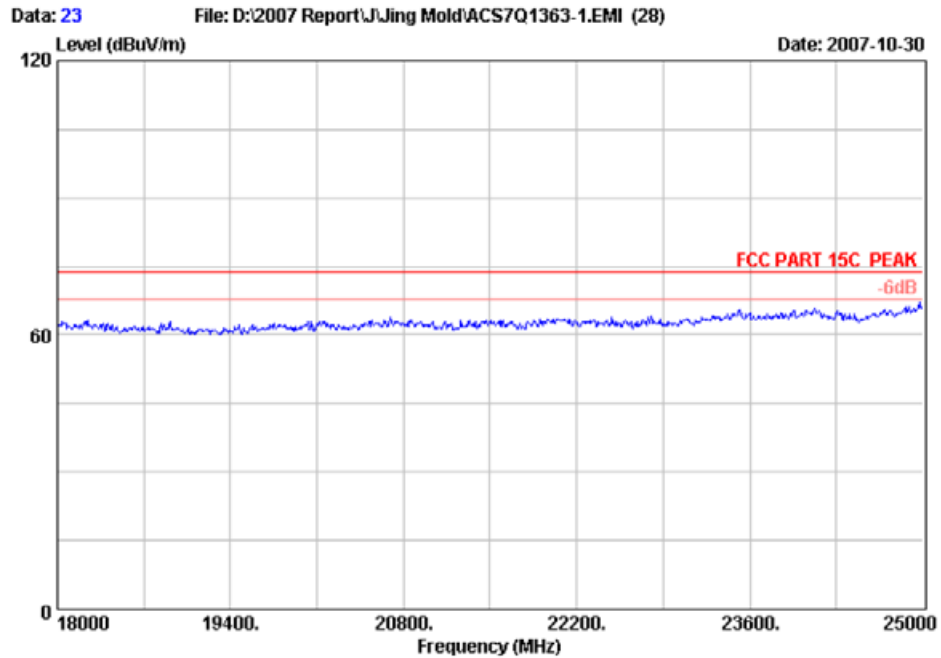
Data: 29 File: D:\2007 Report\JJing Mold\ACS7Q1363-1.EMI (34)



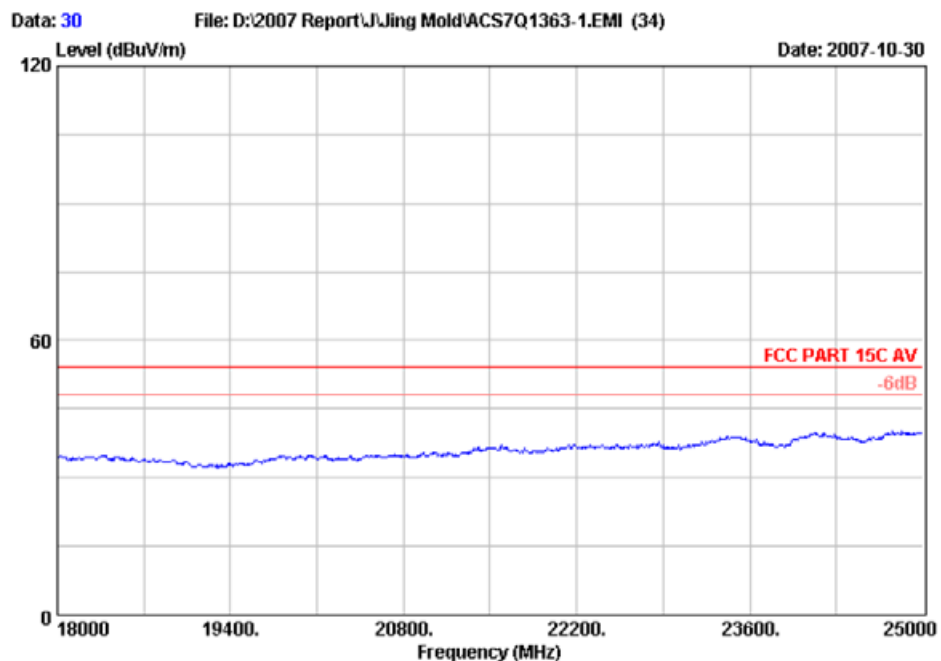
Site no. : Data no. : 29
Dis. / Ant. : 3m Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54% Engineer : Skyler
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2410MHz



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Site no. : Data no. : 23
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Skyle
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2410MHz

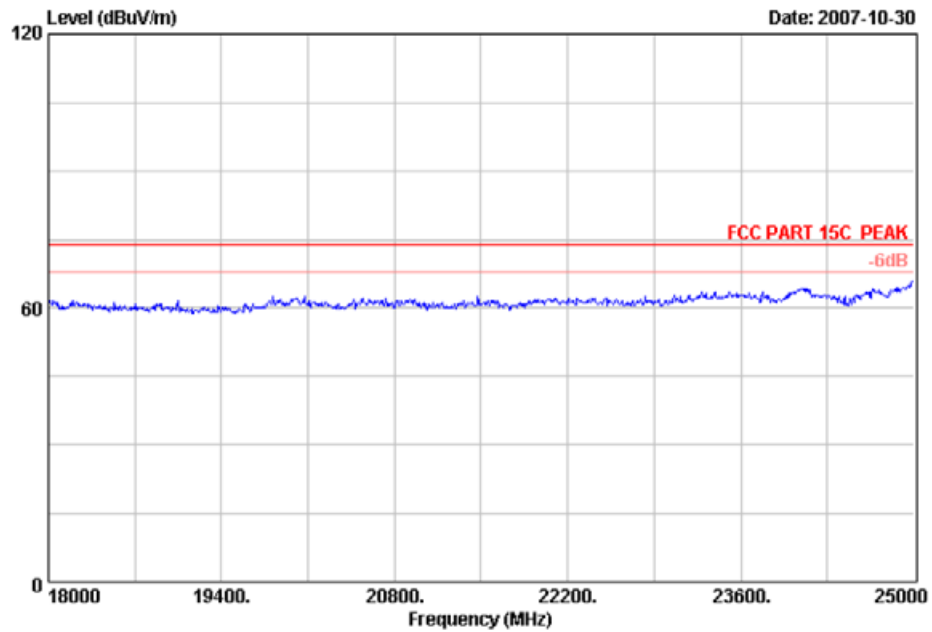


Site no. : Data no. : 30
Dis. / Ant. : 3m Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54% Engineer : Skyle
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2410MHz



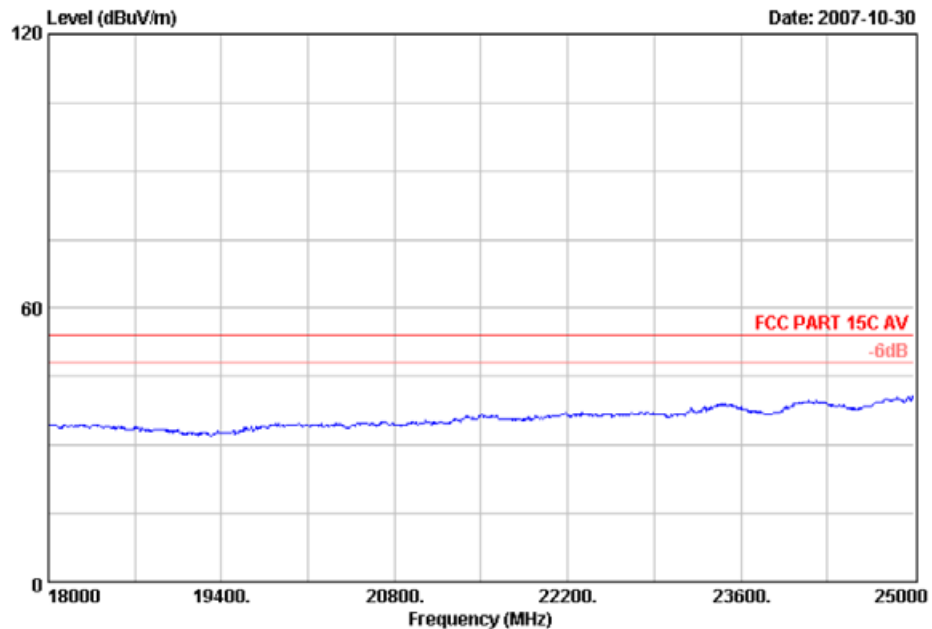
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Site no. : Data no. : 25
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Skyle
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : Tx 2445MHz

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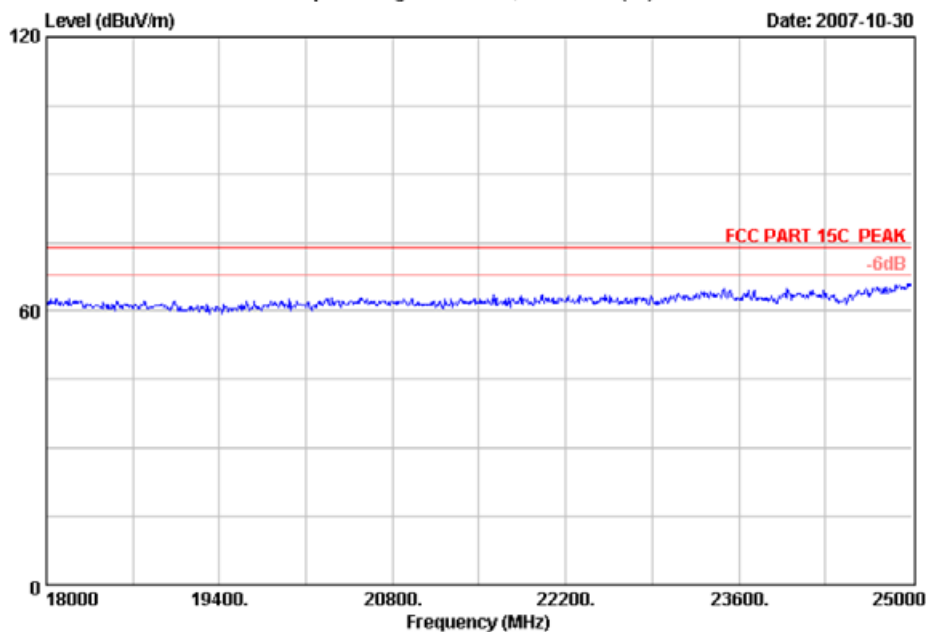
Site no. : Data no. : 32
Dis. / Ant. : 3m Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54% Engineer : Skyle
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2445MHz



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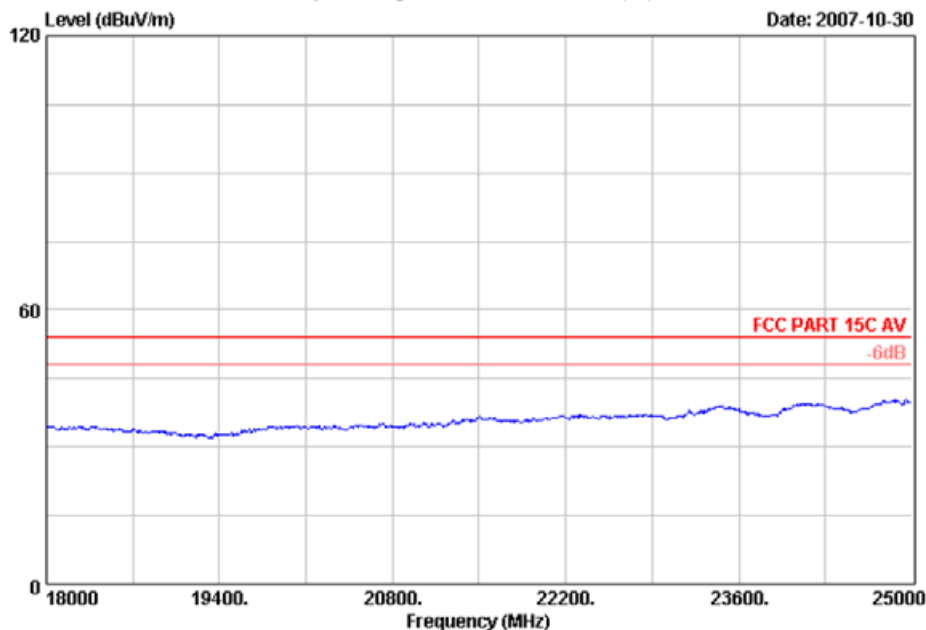
Date: 2007-10-30



Site no. : Data no. : 26
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Skyle
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2445MHz

Data: 31 File: D:\2007 Report\JJing Mold\ACS7Q1363-1.EMI (34)

Date: 2007-10-30

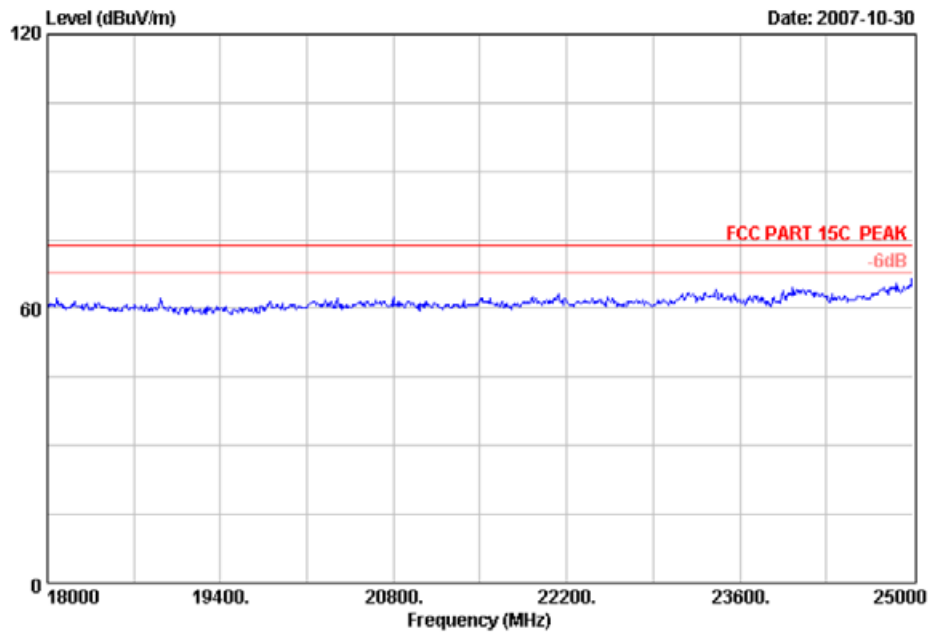


Site no. : Data no. : 31
Dis. / Ant. : 3m Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54% Engineer : Skyle
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2445MHz



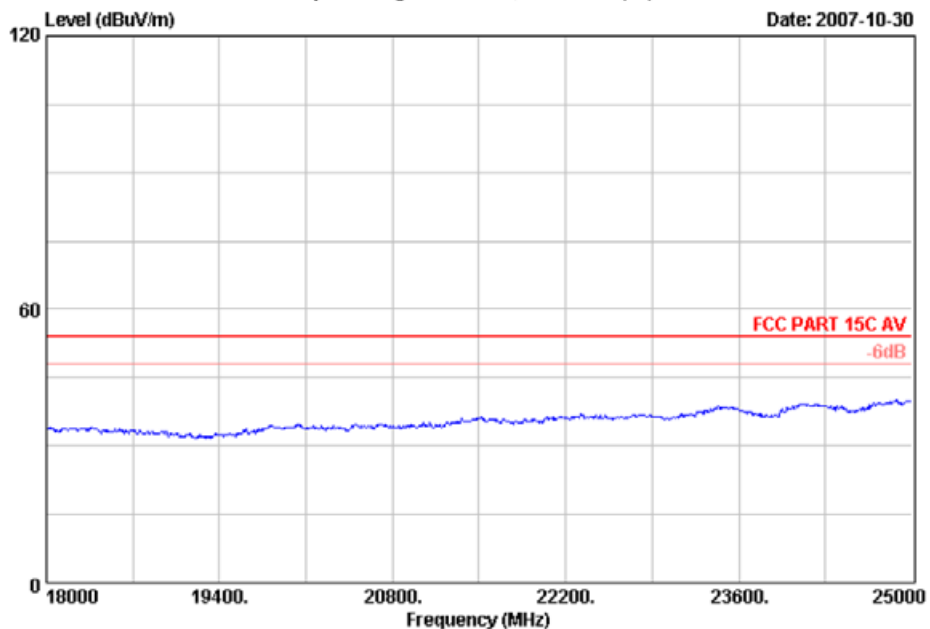
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Postcode:518057

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Site no. : Data no. : 28
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Skyle
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2473MHz

Data: 33 File: D:\2007 Report\JJing Mold\ACS7Q1363-1.EMI (34)

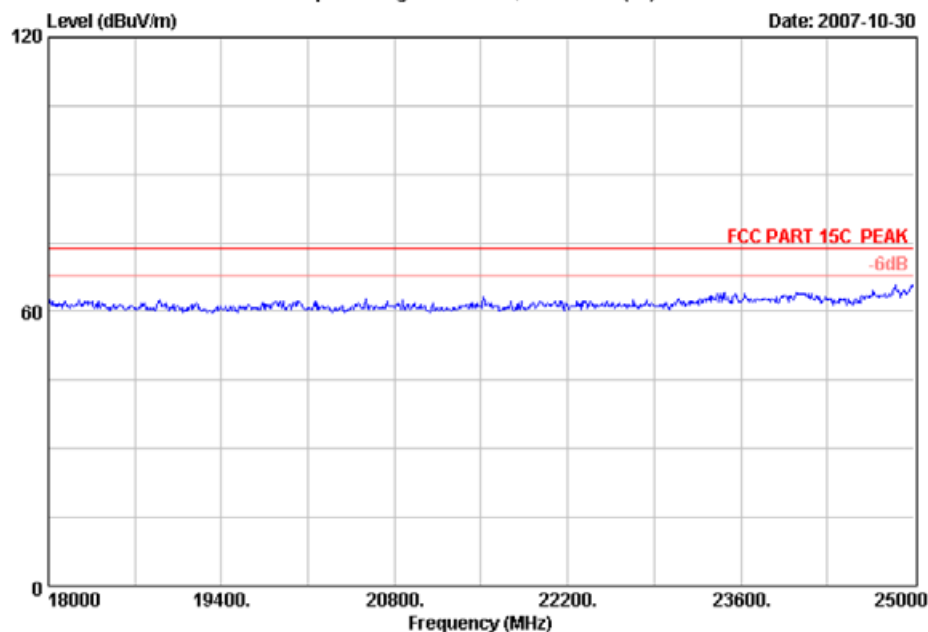


Site no. : Data no. : 33
Dis. / Ant. : 3m Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54% Engineer : Skyle
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2473MHz



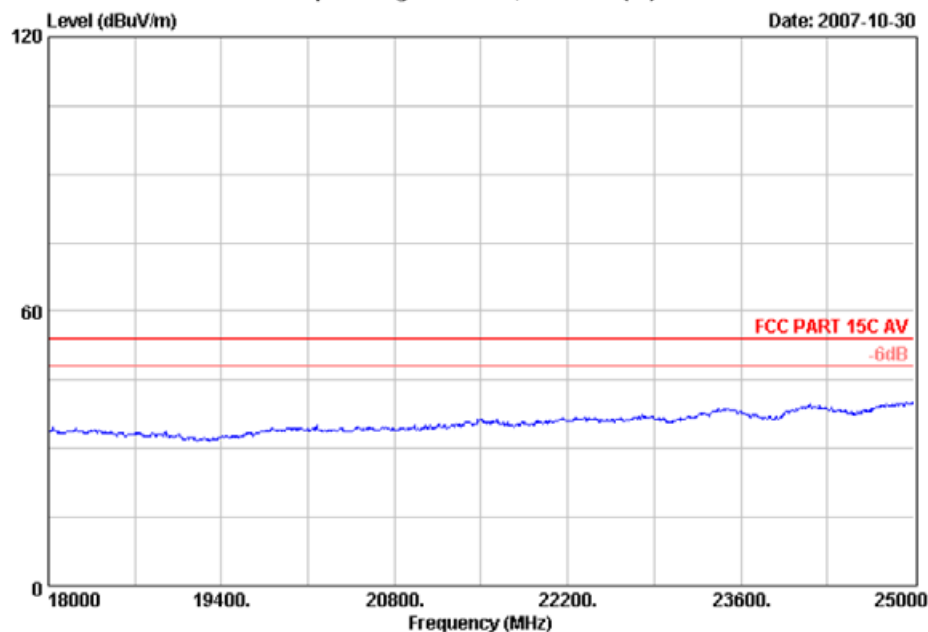
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Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057

Data: 27 File: D:\2007 Report\JJing Mold\ACS7Q1363-1.EMI (28)



Site no. : Data no. : 27
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Skyle
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2473MHz

Data: 34 File: D:\2007 Report\JJing Mold\ACS7Q1363-1.EMI (34)



Site no. : Data no. : 34
Dis. / Ant. : 3m Ant. pol. : VERTICAL
Limit : FCC PART 15C AV
Env. / Ins. : 23°C/54% Engineer : Skyle
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2473MHz

5. BAND EDGES MEASUREMENT

5.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4407B	MY41440292	May 11, 07	1 Year
2.	Amp	HP	8449B	3008A00863	May 11, 07	1 Year
3.	Antenna	EMCO	3115	9607-4877	Jan. 23, 07	1.5 Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May 11, 07	1 Year

5.2. Test Information

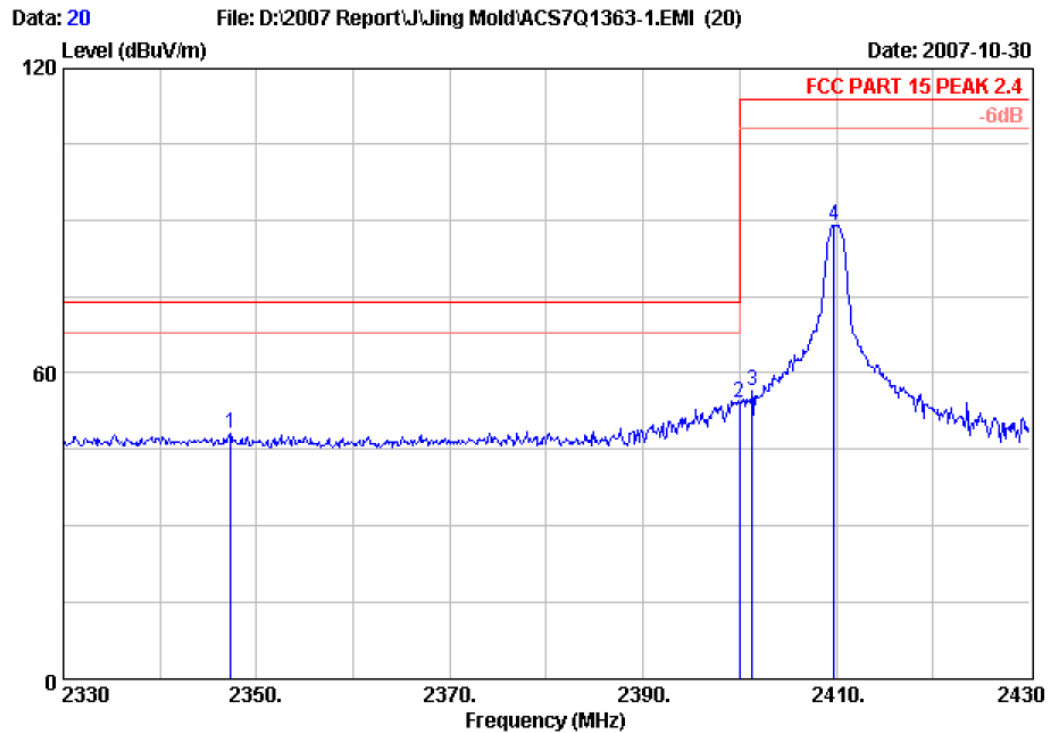
EUT:	RF Keyboard
M/N:	JME-8237B
Test Date:	Oct.30, 2007
Ambient Temperature:	23°C
Relative Humidity:	54%
Test standard:	FCC PART 15C: 15.249
Test mode:	TX
Test Frequency:	Low: 2410MHz High: 2473MHz
Test By:	Skyle

5.3. Test Results

Pass (The EUT was tested and all the test results are listed in next page.)



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Site no. : Data no. : 20
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2410MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2347.30	28.87	5.51	35.19	48.91	48.10	74.00	25.90	Peak
2	2400.00	28.99	5.70	35.18	54.61	54.12	74.00	19.88	Peak
3	2401.30	28.99	5.70	35.18	57.02	56.53	114.00	57.47	Peak
4	2409.80	29.03	5.70	35.18	89.46	89.01	114.00	24.99	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

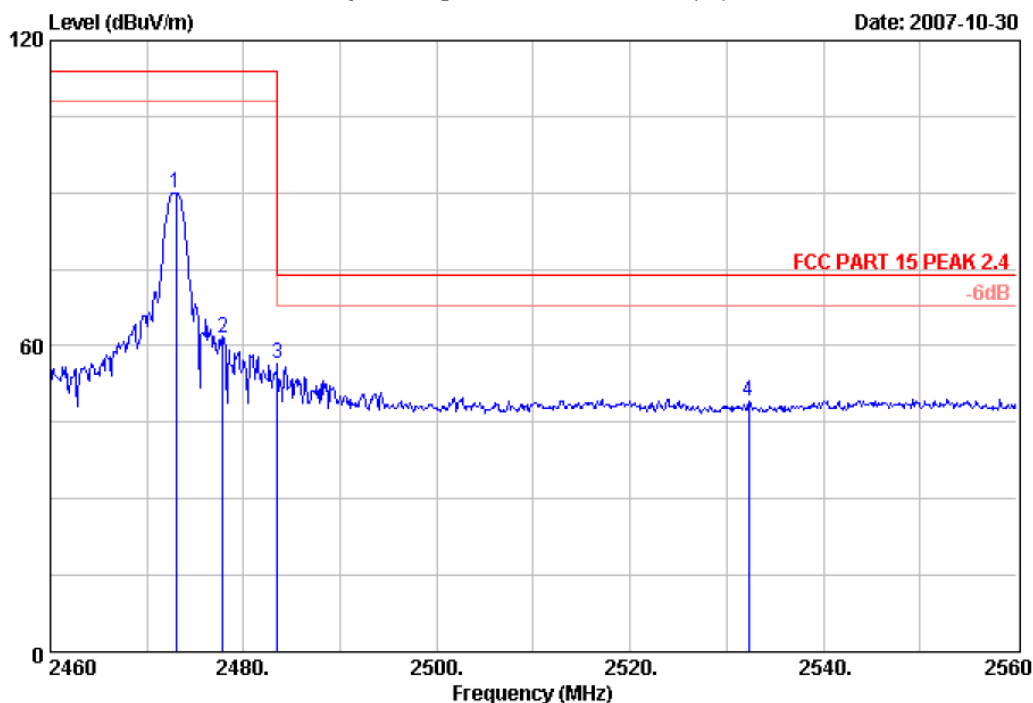


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Data: 19

File: D:\2007 Report\Jing Mold\ACS7Q1363-1.EMI (20)

Date: 2007-10-30



Site no. : Data no. : 19
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating : DC 3V
Test Mode : TX 2473MHz

		Ant.	Cable	Amp	Emission				
	Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dB)	(dBUV)	(dBUV/m)	(dBUV/m)	(dB)	
1	2473.00	29.19	5.93	35.16	90.08	90.04	114.00	23.96	Peak
2	2477.90	29.19	5.93	35.16	61.57	61.53	114.00	52.47	Peak
3	2483.50	29.19	5.99	35.16	56.44	56.46	74.00	17.54	Peak
4	2532.30	29.35	6.10	35.14	48.85	49.16	74.00	24.84	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

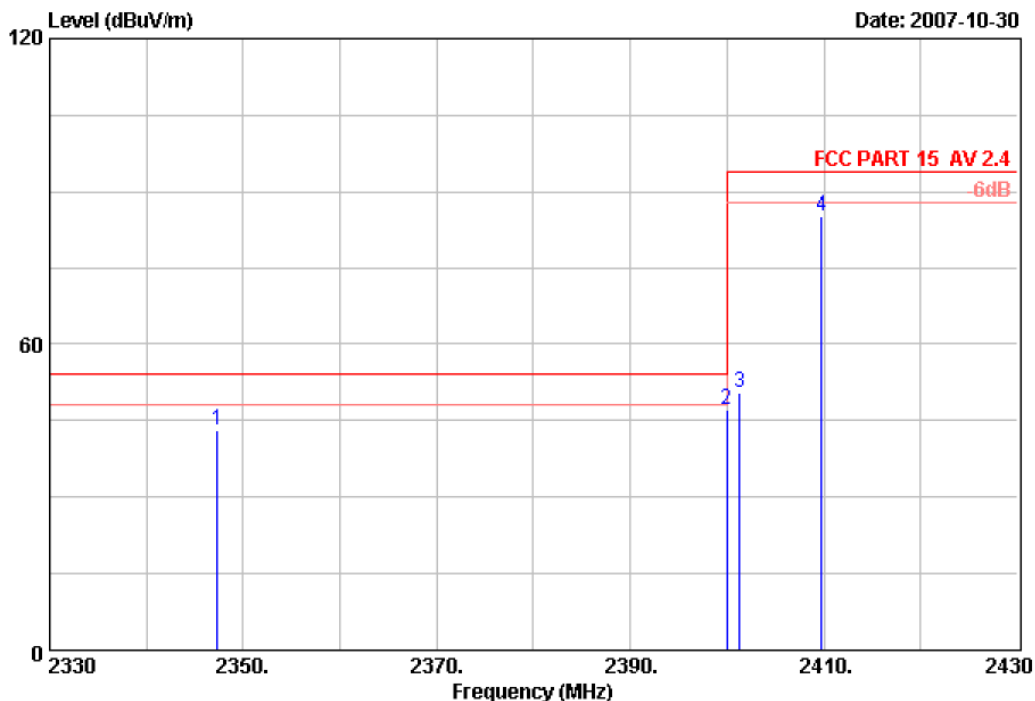


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Data: 22

File: D:\2007 Report\Jing Mold\ACS7Q1363-1.EMI (22)

Date: 2007-10-30



Site no. : Data no. : 22
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 AV 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2410MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2347.30	28.87	6.67	35.19	42.75	43.10	54.00	10.90	Average
2	2400.00	28.99	6.73	35.18	46.58	47.12	54.00	6.88	Average
3	2401.30	28.99	6.73	35.18	49.99	50.53	94.00	43.47	Average
4	2409.80	29.03	6.73	35.18	84.74	85.32	94.00	8.68	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

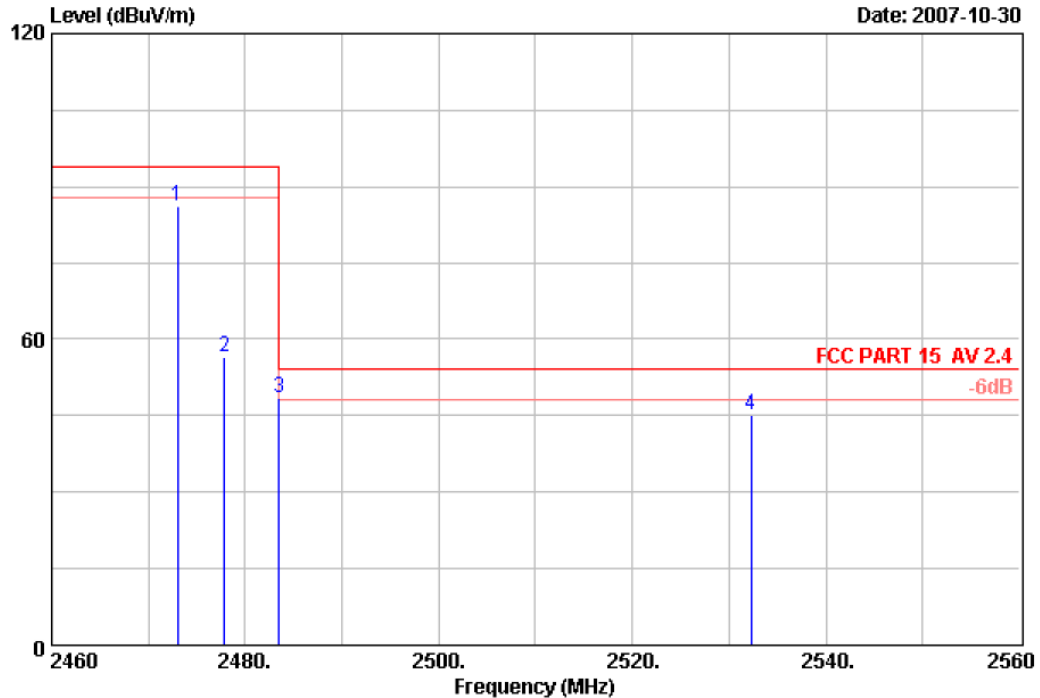


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Data: 21

File: D:\2007 Report\Jing Mold\ACS7Q1363-1.EMI (22)

Date: 2007-10-30



Site no. : Data no. : 21
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 AV 2.4
Env. / Ins. : 23°C/54% Engineer : Skyel
EUT : RF KEYBOARD M/N:JME-8237B
Power Rating: DC 3V
Test Mode : TX 2473MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2473.00	29.19	6.87	35.16	85.36	86.26	94.00	7.74	Average
2	2477.90	29.19	6.87	35.16	55.63	56.53	94.00	37.47	Average
3	2483.50	29.19	6.87	35.16	47.56	48.46	54.00	5.54	Average
4	2532.30	29.35	6.96	35.14	43.99	45.16	54.00	8.84	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

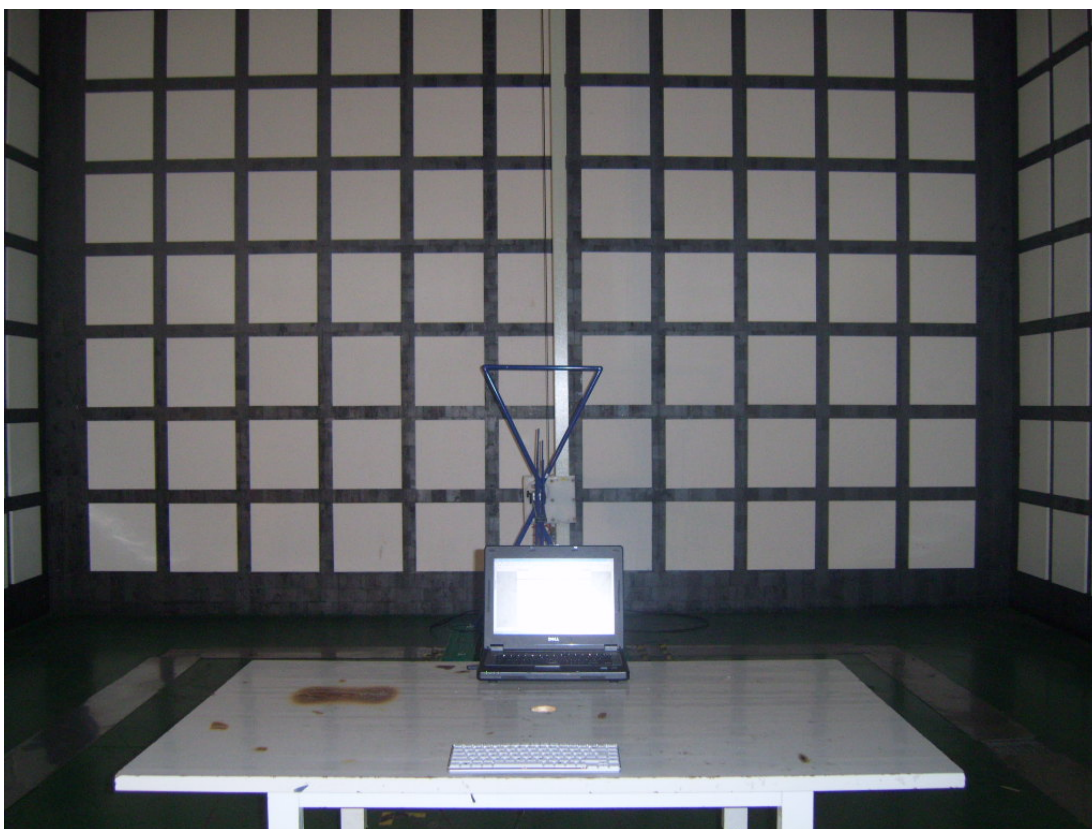
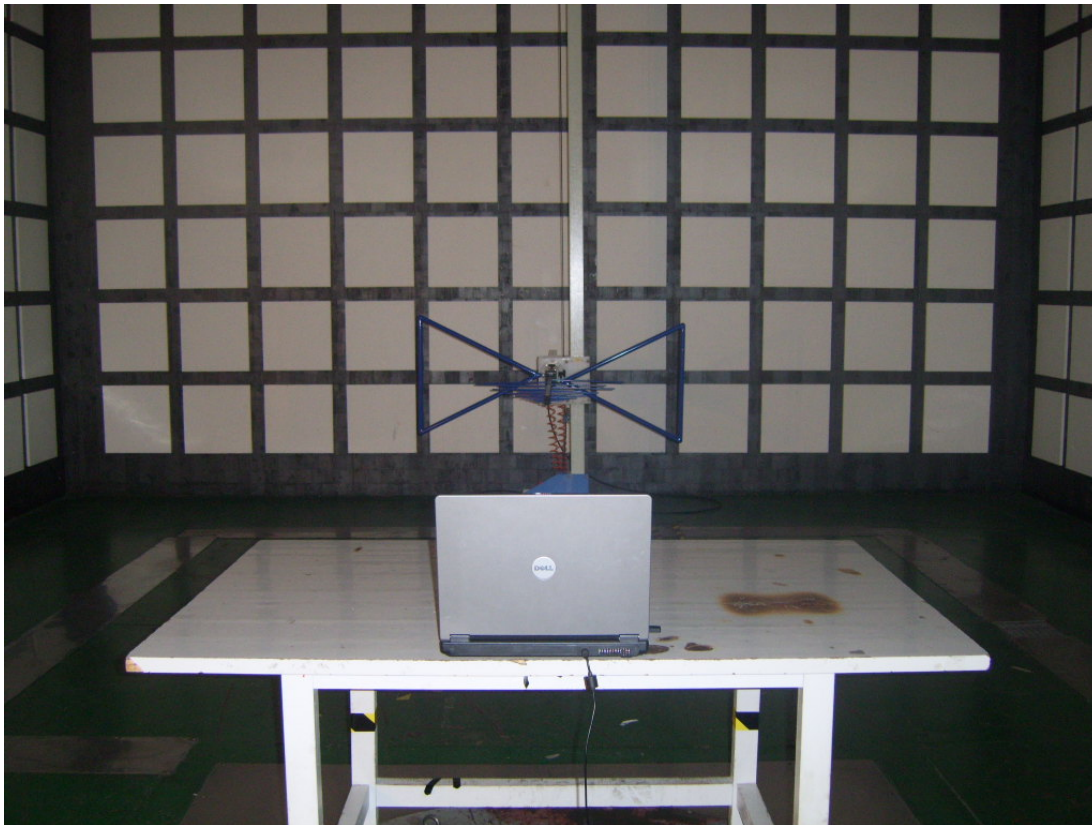
6. DEVIATION TO TEST SPECIFICATIONS

[NONE]

7. PHOTOGRAPH

7.1. Photos of Radiated Emission Test (In Anechoic Chamber)

30~1000MHz



Above 1GHz

