

APPLICATION FOR CERTIFICATION

On Behalf of

Pelican Accessories

PS2 Wireless Controller

Model Number: PL-6613

FCC ID: O7X-PRED-S3

Prepared for : Pelican Accessories
1840 East 27th Street, Vernon, California, United States,
90058.

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Ke Feng Rd., 52 Block,
Shenzhen Science & Industrial Park,
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Tel: (0755) 26639496

Report Number : ACS-F08334
Date of Test : Jul.04~09, 2008
Date of Report : Jul.16, 2008

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TEST REPORT CERTIFICATION

Applicant : Pelican Accessories
 Manufacturer : DongGuan Vision Electronics CO.,LTD
 EUT Description : PS2 Wireless Controller
 FCC ID : 07X-PRED-S3
 (A) MODEL NO. : PL-6613
 (B) SERIAL NO. : N/A
 (C) POWER SUPPLY : DC 3V
 (D) TEST VOLTAGE : 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 for radiated and conducted emissions.

The test results are contained in this test report and Audix Technology (Shenzhen) Co., Ltd. is assumed full responsibility for the accuracy and completeness of tests. Also, this report shows that EUT is technically compliant with FCC requirements.

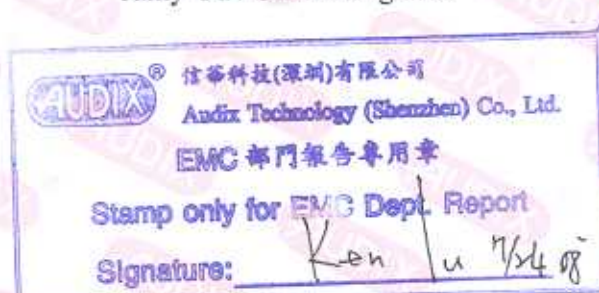
This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shenzhen) Co., Ltd.

Date of Test : Jul.04~09, 2008

Prepared by : YoYo Wang
 YoYo Wang / Assistant

Reviewer : Jamy Yu
 Jamy Yu / Senior Engineer

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
N/A is an abbreviation for Not Applicable.		

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

Product name	:	PS2 Wireless Controller
Model Number	:	PL-6613
FCC ID	:	O7X-PRED-S3
Operation frequency	:	2407MHz~2470MHz
Modulation	:	FSK
Applicant	:	Pelican Accessories 1840 East 27 th Street, Vernon, California, United States, 90058.
Manufacturer	:	DongGuan Vision Electronics CO.,LTD Long'an Road, Second Industrial Park, ShiGu, TangXia, DongGuan City, Guangdong, China
Date of Test	:	Jul.04~09, 2008
Date of Receipt	:	Jul.03, 2008
Sample Type	:	Prototype production

Note: This EUT has two parts, one is Controller, the other one is Dongle. We test "Controller" in this report.

2.2. Test Facility

Site Description

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

3m Anechoic Chamber : Jun. 13, 2006 File on Federal Communication
Commission
Registration Number: 90454

3m & 10m Anechoic Chamber : Jan. 31, 2007 File on Federal Communication
Commission
Registration Number: 794232

EMC Lab. : Accredited by DATech, German
Registration Number: DAT-P-091/99-01
Dec. 20, 2007

Accredited by NVLAP, USA
NVLAP Code: 200372-0
Apr.01, 2008

2.3. Test Uncertainty

No.	Item	MU	Remark
1.	Uncertainty for Conducted Emission Test	2.02dB	
2.	Uncertainty for Radiation Emission test in 3m chamber	3.44 dB	Polarize: V
		3.96 dB	Polarize: H
3.	Uncertainty for Radiation Emission test in 10m chamber	3.46 dB	Distance: 10m Polarize: V
		3.82 dB	Distance: 10m Polarize: H
		3.64 dB	Distance: 3m Polarize: V
		4.02 dB	Distance: 3m Polarize: H

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

Frequency rang: 30~1000MHz

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	3#Chamber	AUDIX	N/A	N/A	Jun.09, 08	1/2 Year
2.	EMI Spectrum	Agilent	E7403A	MY42000106	May 10, 08	1 Year
3.	Test Receiver	Rohde & Schwarz	ESVS20	830350/005	May 10, 08	1 Year
4.	Amplifier	HP	8447D	2648A04738	Jul.08.08	1/2 Year
5.	Bilog Antenna	Schaffner	CBL6112D	25237	Feb.21, 08	1 Year
6.	RF Cable	JINGCHENG	KLMR400	3# Chamber No.1	Jul.08.08	1/2 Year
7.	RF Cable	JINGCHENG	JBV400	3# Chamber No.2	Jul.08.08	1/2 Year
8.	RF Cable	JINGCHENG	JBV400	3# Chamber No.3	Jul.08.08	1/2 Year
9.	RF Cable	JINGCHENG	JBV400	3# Chamber No.4	Jul.08.08	1/2 Year
10.	Coaxial Switch	Anritsu	MP59B	M73989	Jul.08.08	1/2 Year

Frequency rang: above 1000MHz

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4446A	MY41440292	May 10, 08	1 Year
2.	Amp	HP	8449B	3008A00863	May 10, 08	1 Year
3.	Antenna	EMCO	3115	9607-4877	May 27, 08	1.5 Year
4.	Antenna	EMCO	3116	00060088	May 28, 07	1.5Year
5.	HF Cable	Hubersuhne	Sucoflex104	-	May 10, 08	1 Year

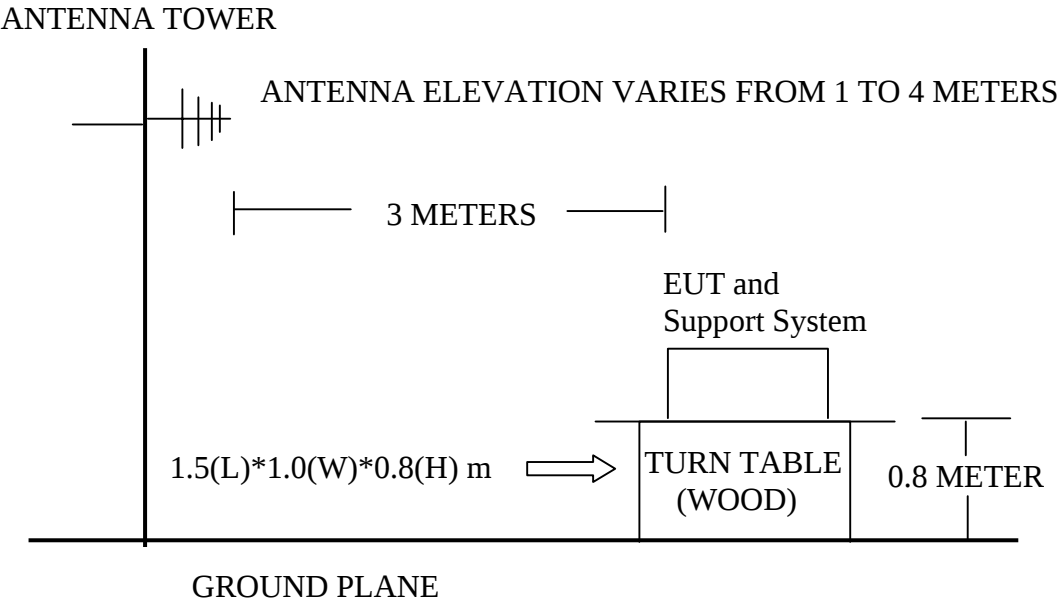
4.2. Block Diagram of Test Setup

4.2.1. Block Diagram of connection between EUT and simulators

EUT

(EUT: PS2 Wireless Controller)

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	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 $\mu\text{V}/\text{m}$
 - (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. PS2 Wireless Controller (EUT)

Model Number : PL-6613
Serial Number : N/A

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

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.

This test was performed with EUT in X, Y, Z position, and the worse case was found when EUT in X position and this position was also the normal use position.

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 1MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW 10Hz VBW for average emission above 1GHz

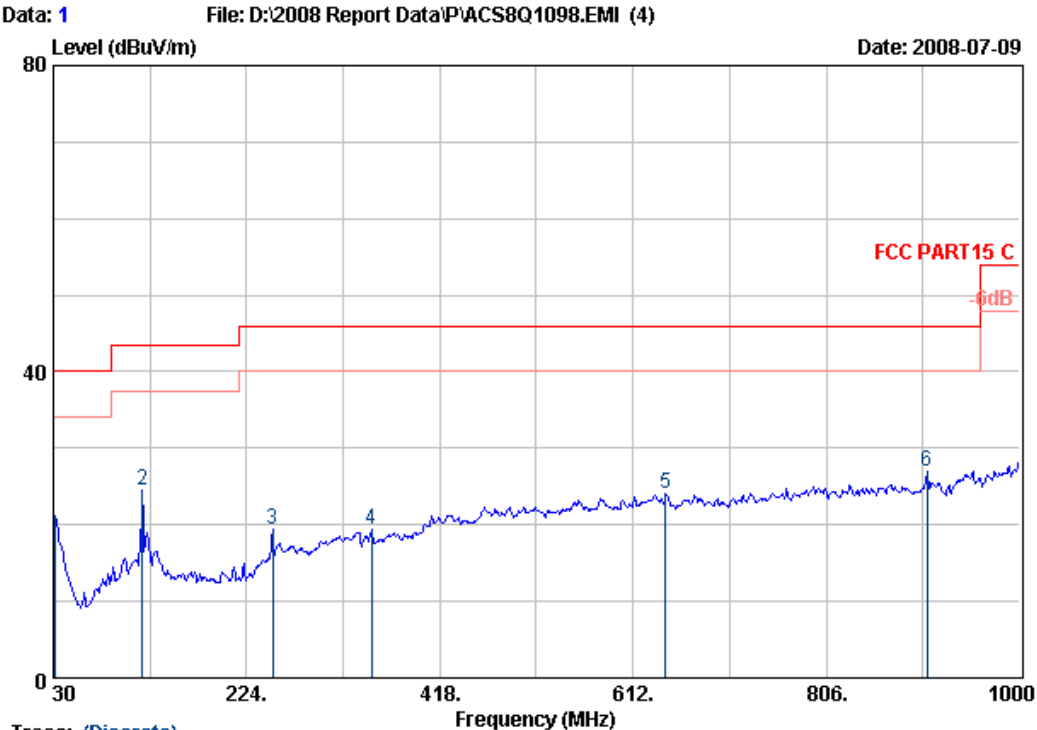
The frequency range from 30MHz to 10th (25GHz) harmonic are checked. And for the frequency rang from 1GHz to18GHz, only fundamental emission and 2th harmonic were detected. All other emissions were too low to read, and no emissions were found from 18GHz to 25GHz, So the radiated emissions from 18GHz to 25GHz were not record.

4.7. Radiated Emission Test Results

PASS.



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Site no. : 3# Chamber Radiation Data no. : 1
Dis. / Ant. : 3m CBL6112D Ant. pol. : HORIZONTAL
Limit : FCC PART15 C
Env. / Ins. : 24°C/56% ESVS20 Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating : DC 3V
Test Mode : Tx Mode
M/N : PL-6613 (Controller)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	30.97	18.95	0.51	1.67	21.13	40.00	18.87	QP
2	119.24	13.17	0.80	10.46	24.43	43.50	19.07	QP
3	250.19	12.38	1.19	5.88	19.45	46.00	26.55	QP
4	349.13	14.16	1.47	3.77	19.40	46.00	26.60	QP
5	644.98	18.85	2.08	3.14	24.07	46.00	21.93	QP
6	906.88	20.12	2.51	4.24	26.87	46.00	19.13	QP

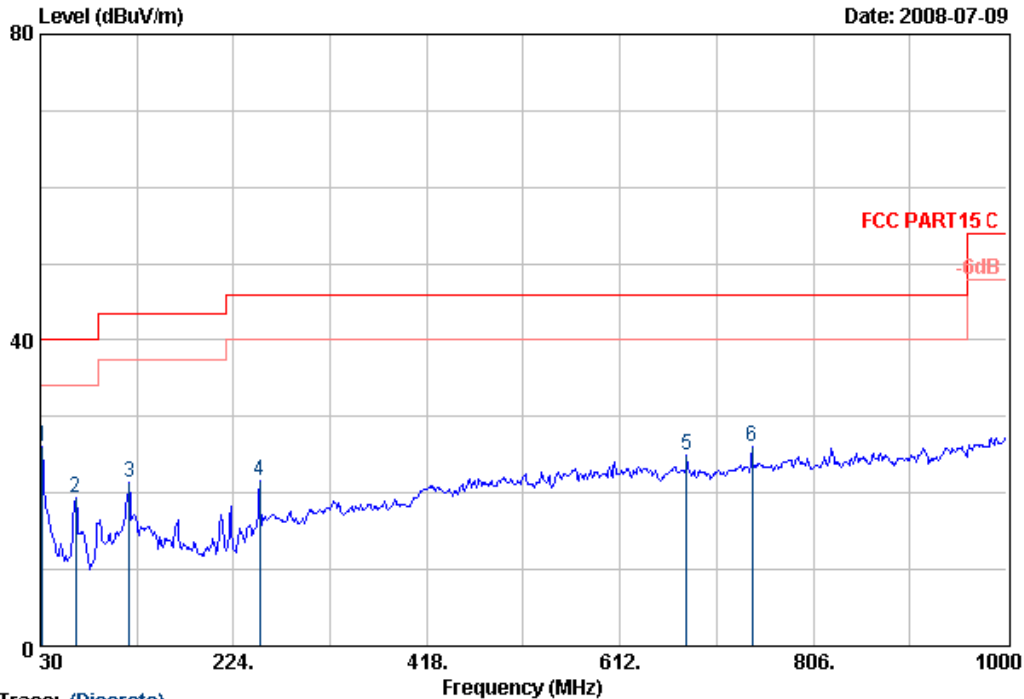
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official
limit are not reported.



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Data: 2 File: D:\2008 Report Data\PCS8Q1098.EMI (4)

Date: 2008-07-09



Trace: (Discrete)

Site no. : 3# Chamber Radiation Data no. : 2
Dis. / Ant. : 3m CBL6112D Ant. pol. : VERTICAL
Limit : FCC PART15 C
Env. / Ins. : 24°C/56% ESVS20 Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating : DC 3V
Test Mode : Tx Mode
M/N : PL-6613 (Controller)

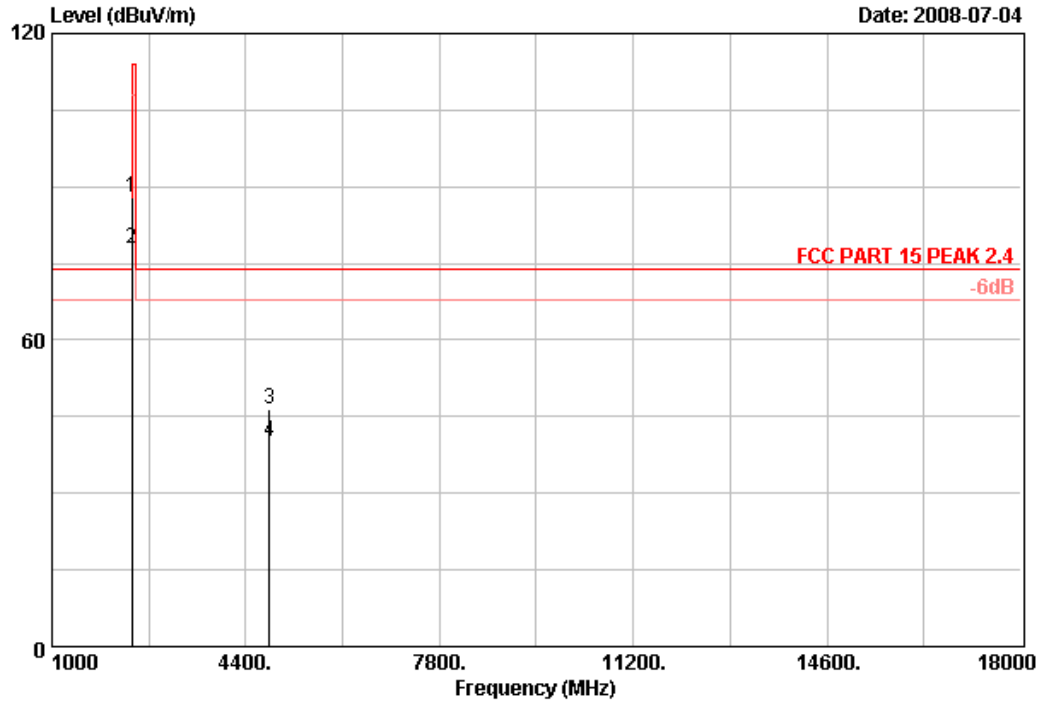
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	31.94	18.40	0.54	7.07	26.01	40.00	13.99	QP
2	65.89	6.33	0.66	12.37	19.36	40.00	20.64	QP
3	119.24	13.17	0.80	7.47	21.44	43.50	22.06	QP
4	250.19	12.38	1.19	8.03	21.60	46.00	24.40	QP
5	678.93	18.81	2.15	4.00	24.96	46.00	21.04	QP
6	744.89	19.37	2.24	4.51	26.12	46.00	19.88	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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Site no. : 3# Chamber Data no. : 41
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test mode : TX Mode in 2407MHz
Memo : PL-6613 (Controller)

		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	2407.00	29.03	6.73	35.18	87.43	88.01	114.00	25.99	Peak
2	2407.00	29.03	6.73	35.18	77.45	78.03	94.00	15.97	Average
3	4814.00	33.98	10.54	34.49	36.39	46.42	74.00	27.58	Peak
4	4814.00	33.98	10.54	34.49	30.15	40.18	54.00	13.82	Average

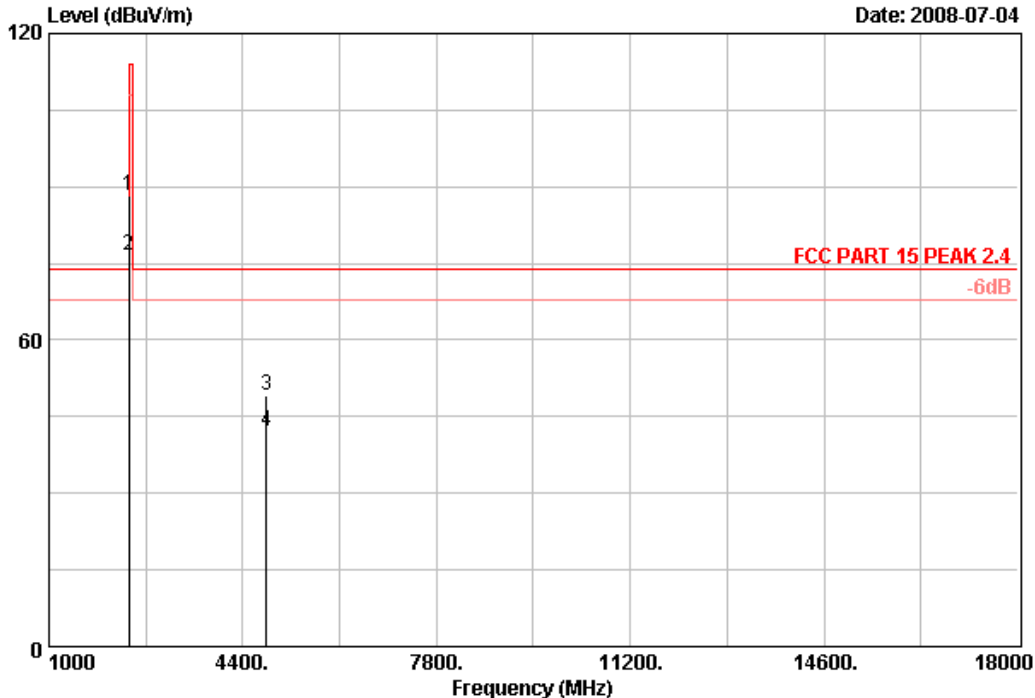
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Date: 2008-07-04



Site no. : 3# Chamber Data no. : 42
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test mode : TX Mode in 2407MHz
Memo : PL-6613 (Controller)

		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	2407.00	29.03	6.73	35.18	87.54	88.12	114.00	25.88	Peak
2	2407.00	29.03	6.73	35.18	75.87	76.45	94.00	17.55	Average
3	4814.00	33.98	10.54	34.49	39.15	49.18	74.00	24.82	Peak
4	4814.00	33.98	10.54	34.49	32.11	42.14	54.00	11.86	Average

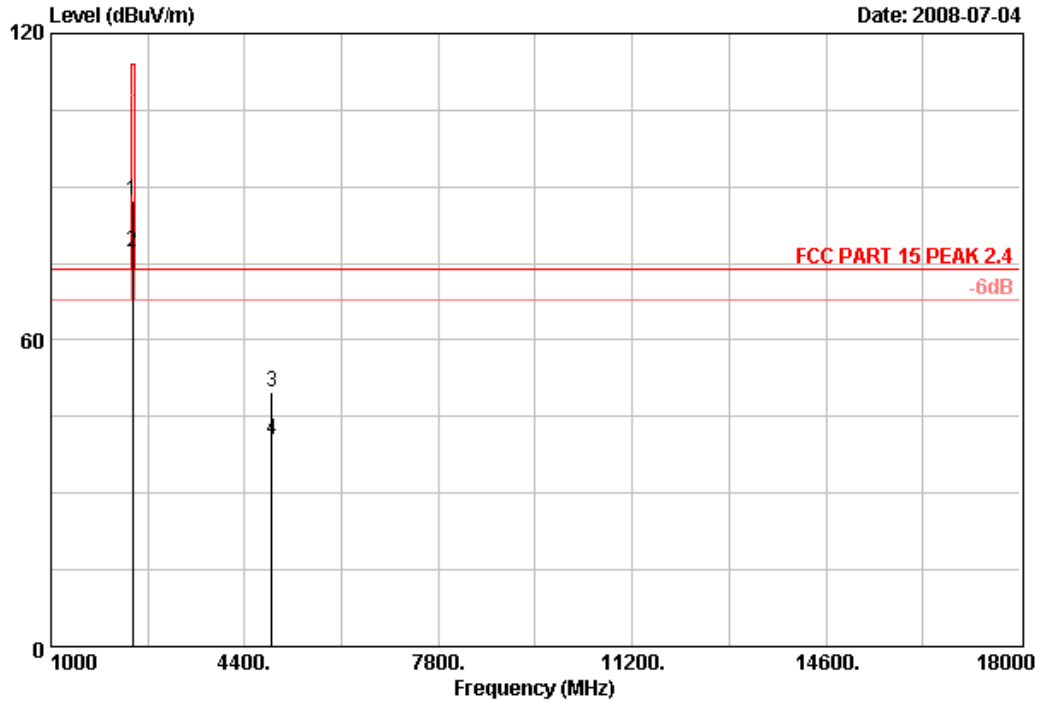
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Date: 2008-07-04



Site no. : 3# Chamber Data no. : 43
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test mode : TX Mode in 2438MHz
Memo : PL-6613 (Controller)

	Freq.	Ant.	Cable	Amp	Emission				
	(MHz)	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2438.00	29.11	6.80	35.17	86.41	87.15	114.00	26.85	Peak
2	2438.00	29.11	6.80	35.17	76.49	77.23	94.00	16.77	Average
3	4876.00	34.16	10.56	34.48	39.40	49.64	74.00	24.36	Peak
4	4876.00	34.16	10.56	34.48	30.26	40.50	54.00	13.50	Average

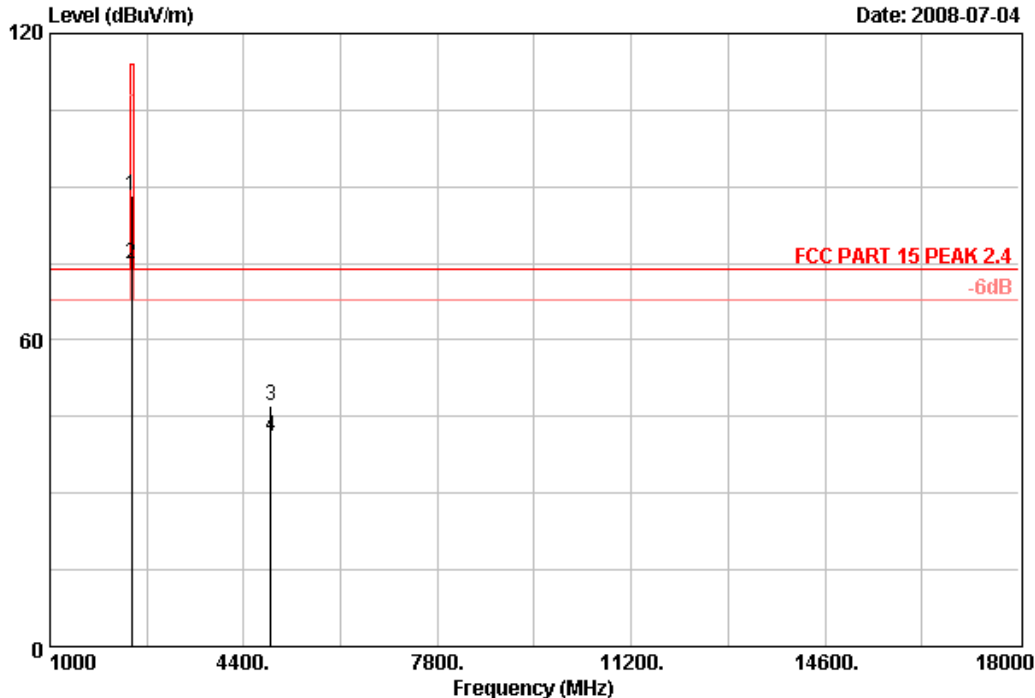
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Date: 2008-07-04



Site no. : 3# Chamber Data no. : 44
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test mode : TX Mode in 2438MHz
Memo : PL-6613 (Controller)

	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	2438.00	29.11	6.80	35.17	87.61	88.35	114.00	25.65	Peak
2	2438.00	29.11	6.80	35.17	74.25	74.99	94.00	19.01	Average
3	4876.00	34.16	10.56	34.48	36.76	47.00	74.00	27.00	Peak
4	4876.00	34.16	10.56	34.48	30.78	41.02	54.00	12.98	Average

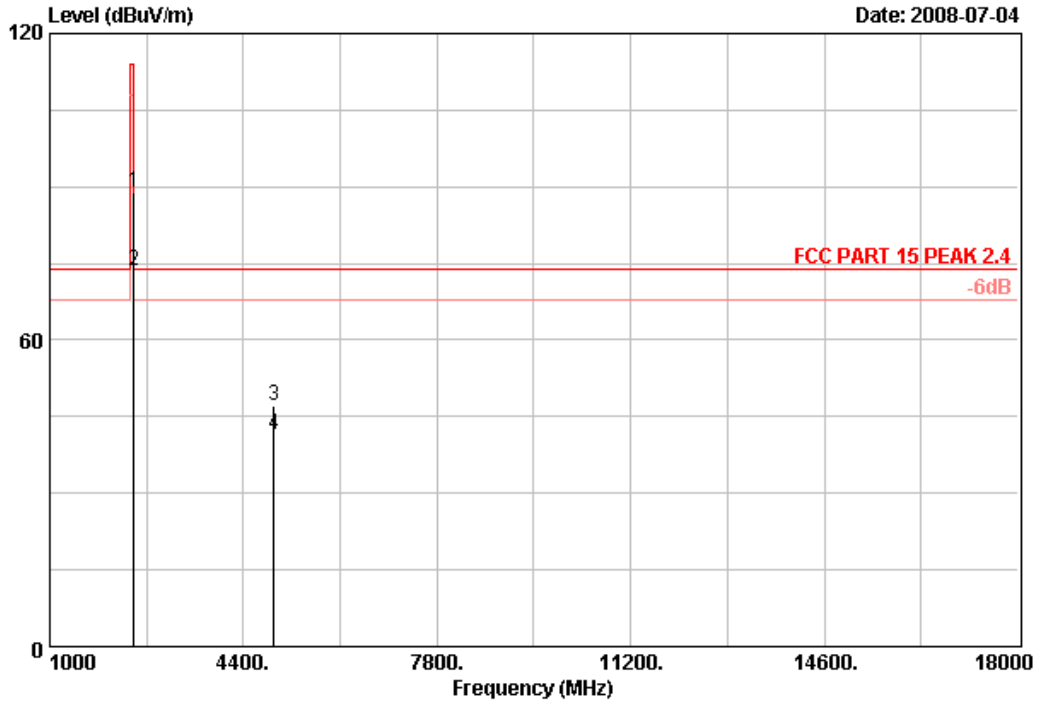
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Date: 2008-07-04



Site no. : 3# Chamber Data no. : 45
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test mode : TX Mode in 2470MHz
Memo : PL-6613 (Controller)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2470.00	29.15	6.87	35.16	88.16	89.02	114.00	24.98	Peak
2	2470.00	29.15	6.87	35.16	72.79	73.65	94.00	20.35	Average
3	4940.00	34.34	10.58	34.46	36.84	47.30	74.00	26.70	Peak
4	4940.00	34.34	10.58	34.46	31.05	41.51	54.00	12.49	Average

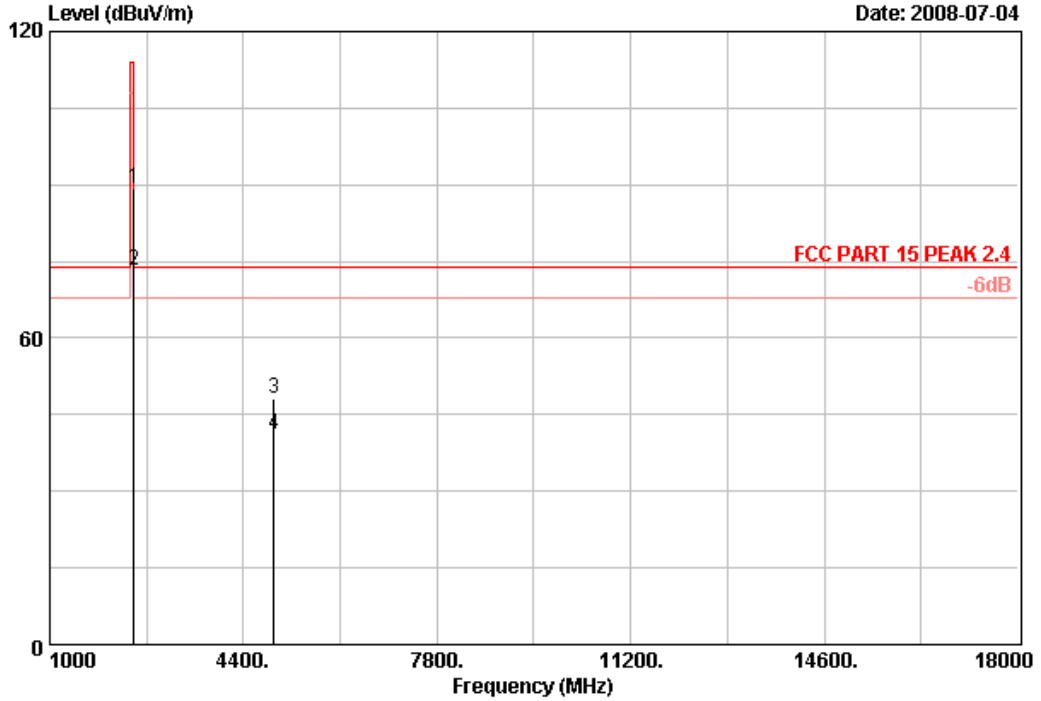
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Date: 2008-07-04



Site no. : 3# Chamber Data no. : 46
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test mode : TX Mode in 2470MHz
Memo : PL-6613 (Controller)

	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	2470.00	29.15	6.87	35.16	88.53	89.39	114.00	24.61	Peak
2	2470.00	29.15	6.87	35.16	72.24	73.10	94.00	20.90	Average
3	4940.00	34.34	10.58	34.46	37.65	48.11	74.00	25.89	Peak
4	4940.00	34.34	10.58	34.46	30.69	41.15	54.00	12.85	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.

5. BAND EDGE COMPLIANCE TEST

5.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	E4446A	US44300459	May,10, 08	1 Year
2	Horn Antenna	EMCO	3115	9607-4877	May,27, 08	1.5 Year
3	Amplifier	HP	8449B	3008A00863	May,10, 08	1 Year
4	RF Cable	Hubersuhner	SUCOFLEX	182769/4	May,28, 08	1 Year
5	RF Cable	Hubersuhner	SUCOFLEX	182768/4	May,28, 08	1 Year
6	RF Cable	Hubersuhner	SUCOFLEX	182771/4	May,28, 08	1 Year

5.2. Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in section 15.209, which is the lesser attenuation.

5.3. Test Produce

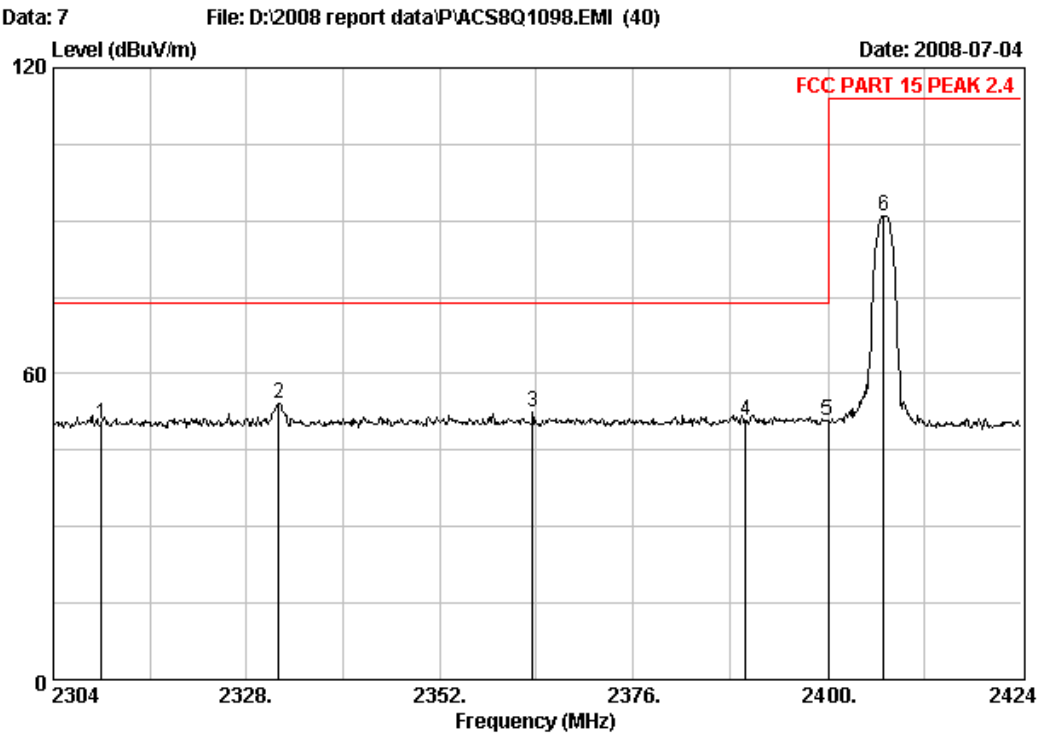
1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upperband-edges of the emission:
 - (a) PEAK: RBW=VBW=1MHz / Sweep=AUTO
 - (b) AVERAGE: RBW=1MHz / VBW=10Hz / Sweep=AUTO

5.4. Test Results

Pass (The testing data was attached in the next pages.)



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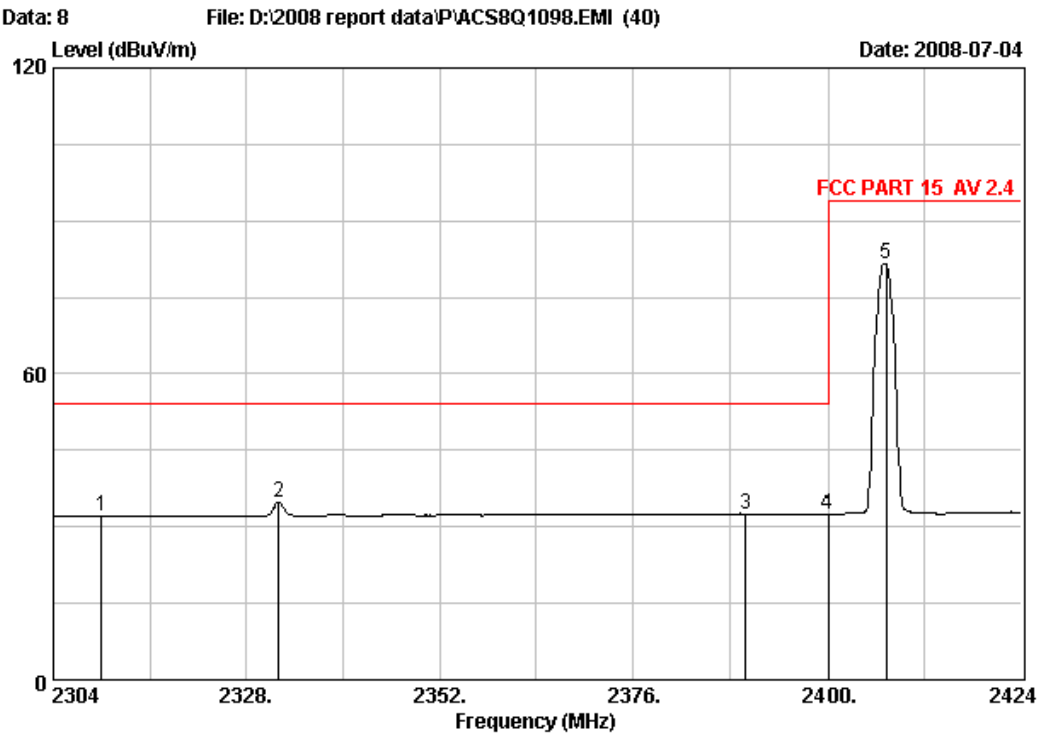
Site no. : 3# Chamber Data no. : 7
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test Mode : TX Mode in 2407MHz
M/N : PL-6613 (Controller)

		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	2310.00	28.79	6.63	35.21	49.77	49.98	74.00	24.02	Peak
2	2331.96	28.83	6.65	35.20	53.93	54.21	74.00	19.79	Peak
3	2363.52	28.91	6.69	35.19	51.98	52.39	74.00	21.61	Peak
4	2390.00	28.99	6.71	35.18	50.13	50.65	74.00	23.35	Peak
5	2400.00	28.99	6.73	35.18	50.21	50.75	74.00	23.25	Peak
6	2406.96	29.03	6.73	35.18	90.40	90.98	114.00	23.02	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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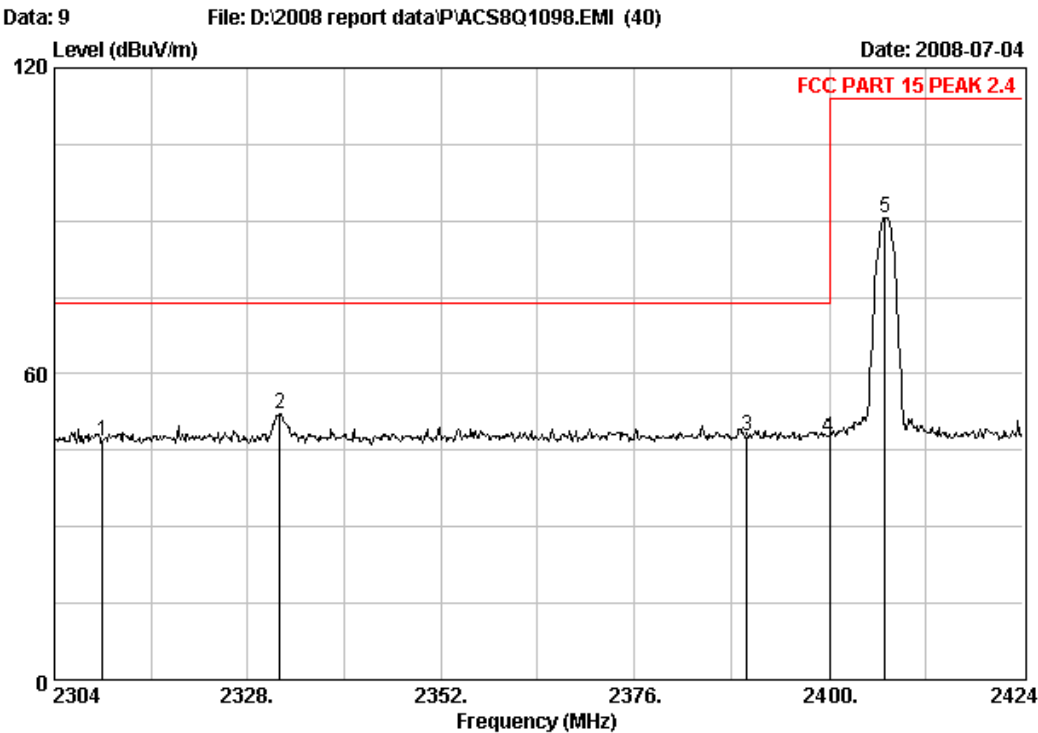
Site no. : 3# Chamber Data no. : 8
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 AV 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test Mode : TX Mode in 2407MHz
M/N : PL-6613 (Controller)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				
					Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2310.00	28.79	6.63	35.21	31.90	32.11	54.00	21.89	Average
2	2331.96	28.83	6.65	35.20	34.44	34.72	54.00	19.28	Average
3	2390.00	28.99	6.71	35.18	31.99	32.51	54.00	21.49	Average
4	2400.00	28.99	6.73	35.18	31.87	32.41	54.00	21.59	Average
5	2407.20	29.03	6.73	35.18	81.09	81.67	94.00	12.33	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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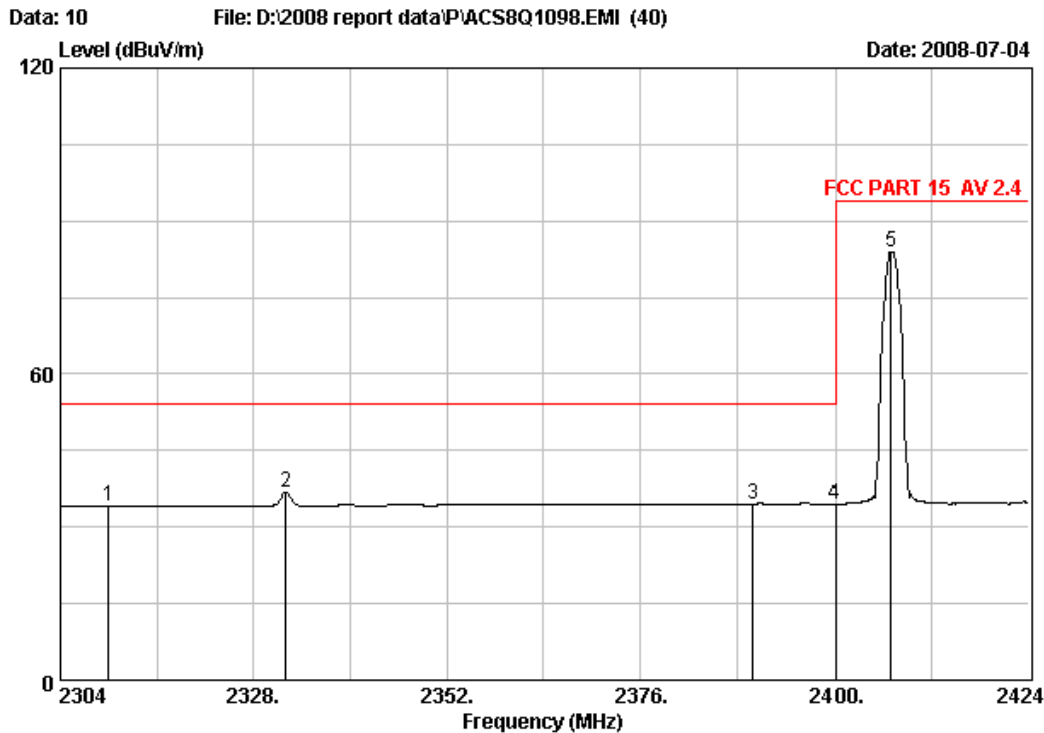
Site no. : 3# Chamber Data no. : 9
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test Mode : TX Mode in 2407MHz
M/N : PL-6613 (Controller)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				Remark
					Reading	Level	Limits	Margin	
					(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.00	28.79	6.63	35.21	46.59	46.80	74.00	27.20	Peak
2	2331.96	28.83	6.65	35.20	51.94	52.22	74.00	21.78	Peak
3	2390.00	28.99	6.71	35.18	47.34	47.86	74.00	26.14	Peak
4	2400.00	28.99	6.73	35.18	47.06	47.60	74.00	26.40	Peak
5	2406.96	29.03	6.73	35.18	90.01	90.59	114.00	23.41	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. : 3# Chamber Data no. : 10
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 AV 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test Mode : TX Mode in 2407MHz
M/N : PL-6613 (Controller)

	Freq.	Ant.	Cable	Amp	Emission				
	(MHz)	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2310.00	28.79	6.63	35.21	33.91	34.12	54.00	19.88	Average
2	2331.96	28.83	6.65	35.20	36.43	36.71	54.00	17.29	Average
3	2390.00	28.99	6.71	35.18	34.04	34.56	54.00	19.44	Average
4	2400.00	28.99	6.73	35.18	33.94	34.48	54.00	19.52	Average
5	2406.96	29.03	6.73	35.18	83.48	84.06	94.00	9.94	Average

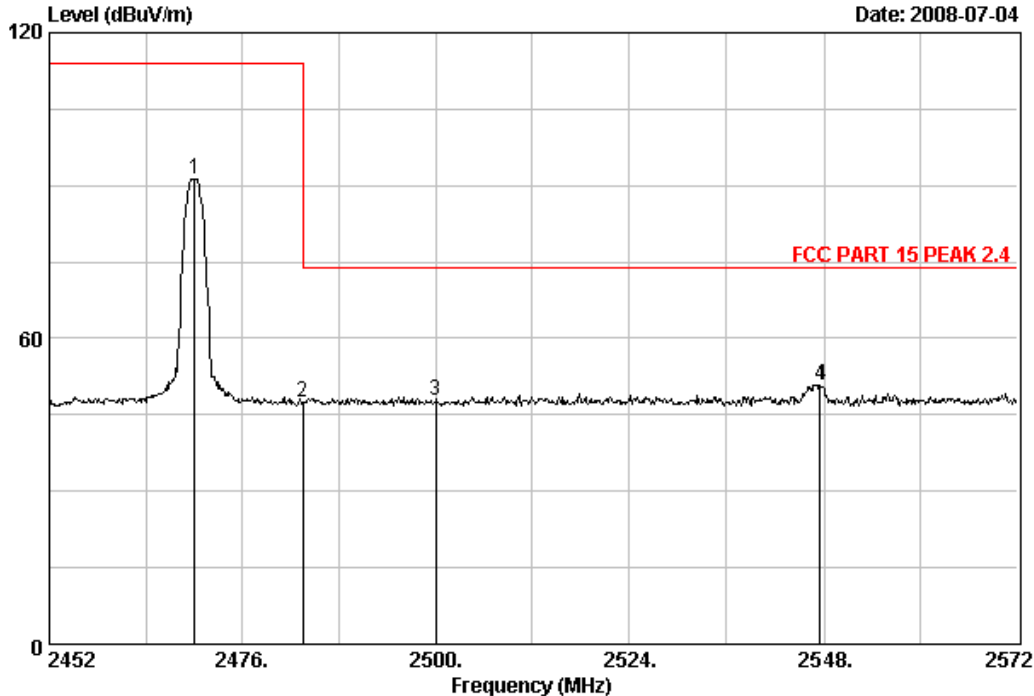
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 11 File: D:\2008 report data\PCS8Q1098.EMI (40)

Date: 2008-07-04



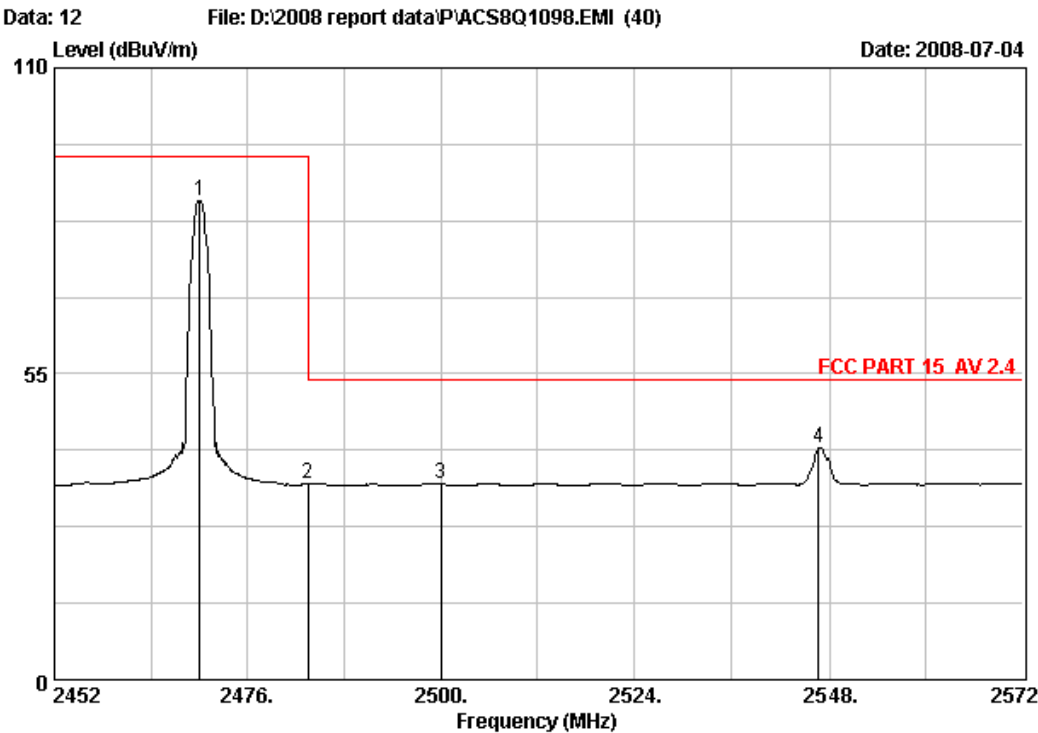
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Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test Mode : TX Mode in 2470MHz
M/N : PL-6613 (Controller)

		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	2470.00	29.15	6.87	35.16	90.41	91.27	114.00	22.73	Peak
2	2483.50	29.19	6.87	35.16	46.66	47.56	74.00	26.44	Peak
3	2500.00	29.23	6.91	35.15	46.82	47.81	74.00	26.19	Peak
4	2547.76	29.41	6.98	35.13	49.67	50.93	74.00	23.07	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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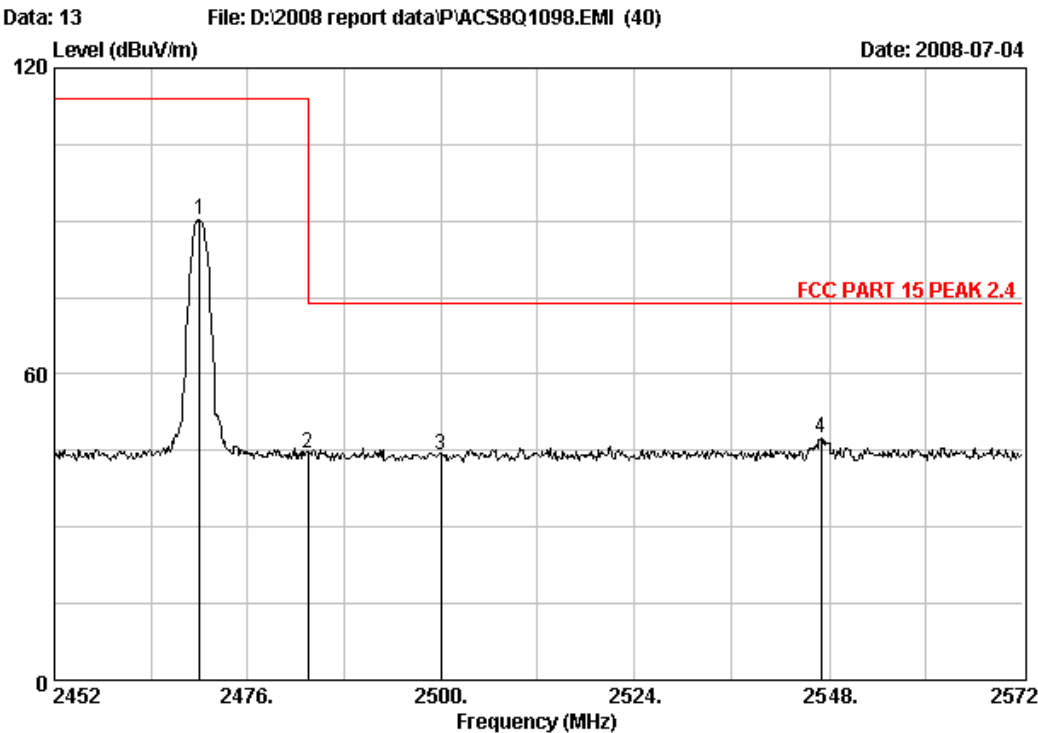
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Dis. / Ant.	: 3m 3115 FACTOR	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 AV 2.4		
Env. / Ins.	: 23°C/54%	Engineer	: Sunny
EUT	: PS2 Wireless Controller		
Power Rating:	DC 3V		
Test Mode	: TX Mode in 2470MHz		
M/N	: PL-6613 (Controller)		

	Freq. (MHz)	Ant.	Cable	Amp	Emission				Remark
		Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2470.00	29.15	6.87	35.16	85.35	86.21	94.00	7.79	Average
2	2483.50	29.19	6.87	35.16	34.42	35.32	54.00	18.68	Average
3	2500.00	29.23	6.91	35.15	34.26	35.25	54.00	18.75	Average
4	2546.92	29.41	6.98	35.13	40.49	41.75	54.00	12.25	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. : 3# Chamber Data no. : 13
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test Mode : TX Mode in 2470MHz
M/N : PL-6613 (Controller)

		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	2470.00	29.15	6.87	35.16	89.31	90.17	114.00	23.83	Peak
2	2483.50	29.19	6.87	35.16	43.58	44.48	74.00	29.52	Peak
3	2500.00	29.23	6.91	35.15	43.26	44.25	74.00	29.75	Peak
4	2547.16	29.41	6.98	35.13	46.08	47.34	74.00	26.66	Peak

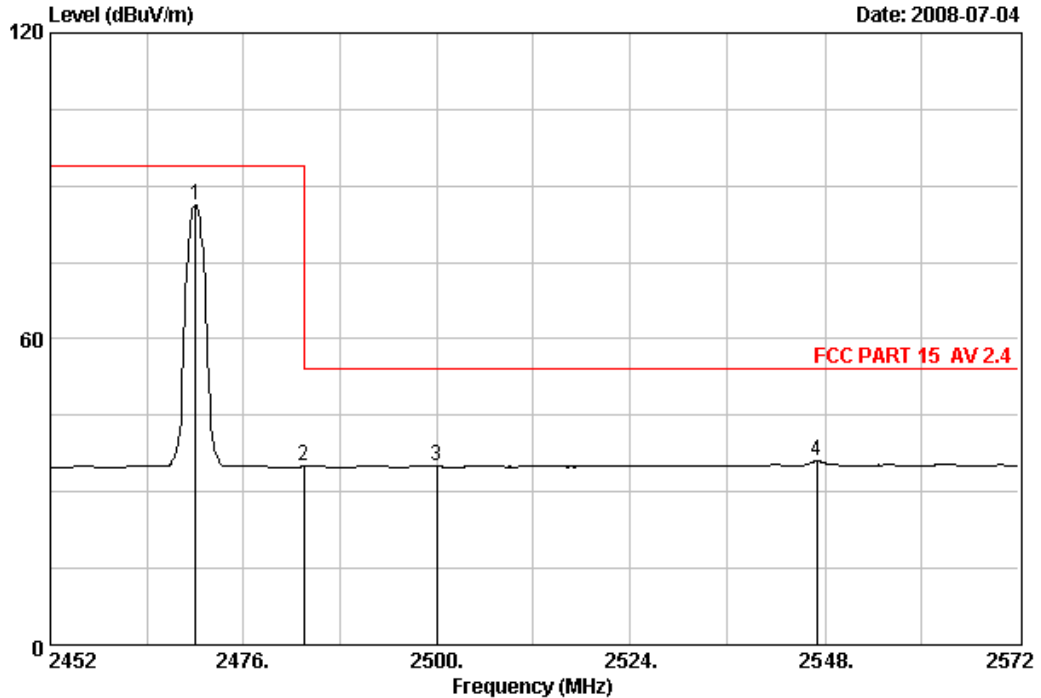
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 14 File: D:\2008 report data\PCS8Q1098.EMI (40)

Date: 2008-07-04



Site no. : 3# Chamber Data no. : 14
Dis. / Ant. : 3m 3115 FACTOR Ant. pol. : VERTICAL
Limit : FCC PART 15 AV 2.4
Env. / Ins. : 23°C/54% Engineer : Sunny
EUT : PS2 Wireless Controller
Power Rating: DC 3V
Test Mode : TX Mode in 2470MHz
M/N : PL-6613 (Controller)

	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	2470.00	29.15	6.87	35.16	85.24	86.10	94.00	7.90	Average
2	2483.50	29.19	6.87	35.16	34.07	34.97	54.00	19.03	Average
3	2500.00	29.23	6.91	35.15	34.05	35.04	54.00	18.96	Average
4	2547.16	29.41	6.98	35.13	34.80	36.06	54.00	17.94	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]