RADIO TEST REPORT

Test Report No.: 26HE0182-HO-A-3

Applicant	:	**Sony Computer Entertainment Inc.**
Type of Equipment	:	**PSP**
Model No.	:	**PSP-1001**
FCC ID	:	**AK8PSP1001B2**
Test standard	:	**FCC Part 15 Subpart C Section 15.207, Section 15.247: 2006**
Test Result	:	**Complied**

1. This test report shall not be reproduced in full or partial, without the written approval of UL Apex Co., Ltd.
2. The results in this report apply only to the sample tested.
3. This equipment is in compliance with the above regulation.
4. The test results in this report are traceable to the national or international standards.

Date of test: March 20 to May 17, 2006

Tested by:

M. Fujimura
Mitsuru Fujimura
EMC Services

Y. Yoshida
Yutaka Yoshida
EMC Services

Approved by :

Hironobu Shimoji
Group Leader of
EMC Services

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SECTION 1: Client information

Company Name	Sony Computer Entertainment Inc.
Brand name	Sony
Address	2-6-21 Minami-Aoyama, Minato-ku,Tokyo,107-0062, Japan
Telephone Number	+81-3-6438-8625
Facsimile Number	+81-3-6438-8607
Contact Person	Tatsuya Suzuki

SECTION 2: Equipment under test (E.U.T.)

2.1 Identification of E.U.T.

Type of Equipment		PSP
Model No.		PSP-1001
Serial No.*1)		20005508-PSP1001 for Radiated Emission and Maximum Peak Output Power tests 20005478-PSP1001 for other tests
Country of Manufacture		China
AC Adapter		Model: PSP-100 (Mitsumi, ADP-553SR) Rating: DC5V
Battery	Type	Li-ion Battery
	Model Name	PSP-110
	Rating	DC3.6V/1800mAh
	Manufacturer	Sony
Accessories		Earphone, Remote Controller
Condition of EUT		Production prototype (Not for sale: This sample is equivalent to mass-produced items.)
Modification of EUT		No modification by the test lab.
Operation Clock		22MHz, 27MHz, 37MHz, 22 or 24MHz (switching), 48MHz, 111MHz
Receipt Date of Sample		March 20, 2006

*1) 20005508-PSP1001 has Antenna, model: HFS11-SO01, manufactured by Hitachi.
*2) 20005478-PSP1001 has Antenna, model: UBA-CUW1000, manufactured by Sony.

2.2 Product Description

Radio Specification

Wireless LAN Module (IEEE802.11b)

Equipment Type	Transceiver
Frequency of Operation	2412-2462 MHz
Type of Modulation	DSSS
Mode of Operation	Simplex
Method of frequency generation	Crystal

Antenna*[1)]

Antenna model	UBA-CUW1000	HFS11-SO01
Manufacturer	SONY	HITACHI
Antenna type	Monopole antenna	Monopole antenna
Antenna Gain	2.0 dBi (Max.)	5.0dBi (Max)

*[1)] Either UBA-CUW1000 or HFS11-SO01 will be installed in PSP-1001.

SECTION 3: Test specification, procedures & results

3.1 Test Specification

Test Specification	:	FCC Part15 Subpart C: 2006
Title	:	FCC 47CFR Part15 Radio Frequency Device Subpart C Intentional Radiators Section 15.207 Conducted limits : 2006 Section 15.247 Operation within the bands 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz: 2006

FCC 15.31 (e)
This EUT provides stable voltage (DC3.2V) constantly to RF Module regardless of input voltage. (For details, refer to Block Diagram for the product.) Therefore, this EUT complies with the requirement.

FCC Part 15.203 Antenna requirement
It is impossible for end users to replace the antenna, because the antenna is mounted inside of the EUT. Therefore, the equipment complies with the antenna requirement of Section 15.203.

3.2 Procedures and results

No.	Item	Test Procedure	Specification	Remarks	Deviation	Worst margin	Results
1	Conducted emission	**FCC:** ANSI C63.4:2003 7. AC powerline conducted emission measurements **IC:** RSS-Gen 7.2.2	**FCC:** Section 15.207 **IC:** RSS-Gen 7.2.2	-	N/A	14.9dB 0.50361MHz QP, L	Complied
2	6dB Bandwidth	**FCC:** ANSI C63.4:2003 13. Measurement of intentional radiators **IC:** RSS-Gen 4.4.2	**FCC:** Section 15.247(a)(2) **IC:** RSS-210 A8.2(1)	Conducted	N/A	See data.	Complied
3	Maximum Peak Output Power	**FCC:** ANSI C63.4:2003 13. Measurement of intentional radiators **IC:** RSS-Gen 4.6	**FCC:** Section 15.247(b)(3) **IC:** RSS-210 A8.4(4)	Conducted	N/A		Complied
4	Restricted Band Edges	**FCC:** ANSI C63.4:2003 13. Measurement of intentional radiators **IC:** -	**FCC:** Section 15.247 (d) **IC:** RSS-210 A8.5	Conducted/ Radiated	N/A		Complied
5	Power Density	**FCC:** ANSI C63.4:2003 13. Measurement of intentional radiators **IC:** -	**FCC:** Section 15.247 (e) **IC:** RSS-210 A8.2(2)	Conducted	N/A		Complied
6	Spurious Emission	**FCC:** ANSI C63.4:2003 13. Measurement of intentional radiators **IC:** RSS-Gen 4.7 RSS-Gen 4.8	**FCC:** Section15.247(d) **IC:** RSS-210 A8.5 RSS-Gen 7.2.1 and 7.2.3	Conducted/ Radiated	N/A	6.1dB 175.509MHz, QP Hor, Standby mode	Complied

Note: UL Apex's EMI Work Procedures No.QPM05 and QPM15.
*0) The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

*These tests were also referred to "Guidance on Measurement of Digital Transmission Systems Operating under Section15.247".
*These tests were performed without any deviations from test procedure except for additions or exclusions.

3.3 Addition to standards

No.	Item	Test Procedure	Specification	Remarks	Deviation	Worst margin	Results
1	99% Occupied Band Width	IC: RSS-Gen 4.4.1	IC: RSS-Gen 4.4.1	Conducted	N/A	N/A	N/A

3.4 Uncertainty

Conducted Emission
The measurement uncertainty (with a 95% confidence level) for this test is ±2.6dB.
The data listed in this test report has enough margin, more than the site margin.

Spurious Emission (Radiated)
The measurement uncertainty (with a 95% confidence level) for this test using Biconical antenna is ±4.59dB(3m)/ ±4.58dB(10m).
The measurement uncertainty (with a 95% confidence level) for this test using Logperiodic antenna is ±4.62dB(3m)/ ±4.60dB(10m).
The measurement uncertainty (with a 95% confidence level) for this test using Horn antenna is ±5.27dB.
The data listed in this test report has enough margin, more than the site margin.

Other test except Conducted Emission and Spurious Emission (Radiated)
The measurement uncertainty (with a 95% confidence level) for this test is ±3.0dB.

3.5 Test Location

UL Apex Co., Ltd. Head Office EMC Lab. *NVLAP Lab. code: 200572-0
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN
Telephone : +81 596 24 8116 Facsimile : +81 596 24 8124

	FCC Registration Number	IC Registration Number	Width x Depth x Height (m)	Size of reference ground plane (m) / horizontal conducting plane	Other rooms
No.1 semi-anechoic chamber	313583	IC4247A	19.2 x 11.2 x 7.7m	7.0 x 6.0m	Preparation room
No.2 semi-anechoic chamber	655103	IC4247A-2	7.5 x 5.8 x 5.2m	4.0 x 4.0m	-
No.3 semi-anechoic chamber	148738	IC4247A-3	12.0 x 8.5 x 5.9m	6.8 x 5.75m	
No.3 shielded room	-	-	4.0 x 6.0 x 2.7m	N/A	-
No.4 semi-anechoic chamber	134570	IC4247A-4	12.0 x 8.5 x 5.9m	6.8 x 5.75m	-
No.4 shielded room	-	-	4.0 x 6.0 x 2.7m	N/A	-
No.5 shielded room	-	-	6.0 x 6.0 x 3.9m	N/A	-
No.6 shielded room	-	-	4.0 x 4.5 x 2.7m	N/A	-
No.6 measurement room	-	-	4.75 x 5.4 x 3.0m	N/A	-
No.7 shielded room	-	-	4.7 x 7.5 x 2.7m	4.7 x 7.5m	-
No.8 measurement room	-	-	3.1 x 5.0 x 2.7m	N/A	-

* Size of vertical conducting plane (for Conducted Emission test) : 2.0 x 2.0m for No.1 and No.2 semi-anechoic and No.7 shielded room.

3.6 Test set up, Test instruments and Data of EMI

Refer to APPENDIX 1 to 3.

SECTION 4: Operation of E.U.T. during testing

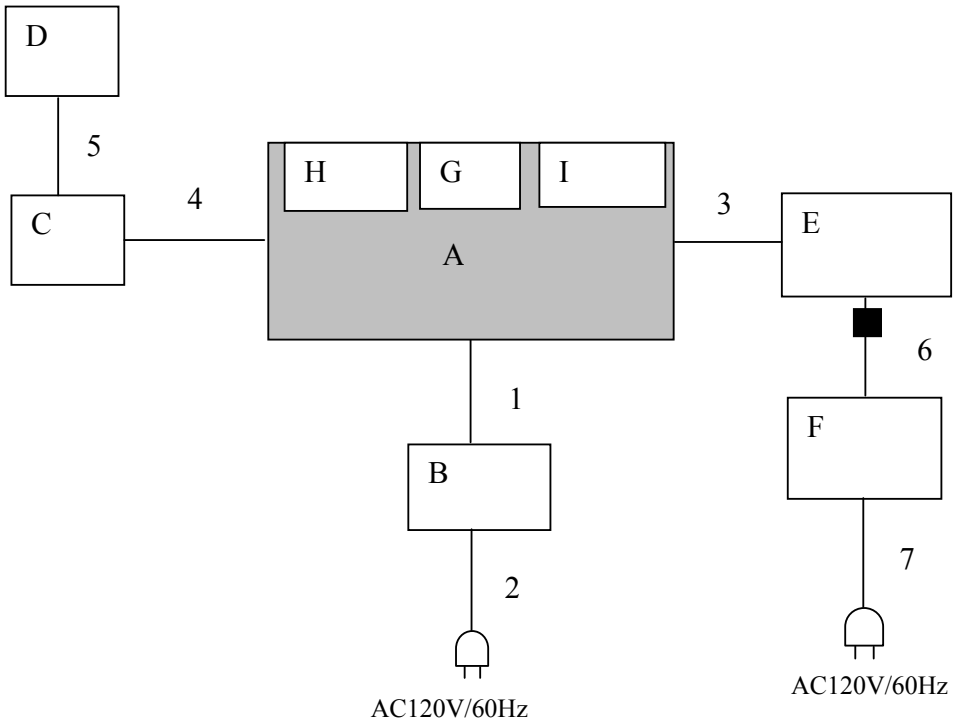
4.1 Operating Modes

The EUT was operating in a manner similar to typical use during the tests.

Packet Type : Maximum
Payload : PN9
Rate : 11Mbps
Operation : Transmitting mode(IEEE802.11b)
- Low Channel: 2412MHz (Ch 1)
- Mid Channel: 2437MHz (Ch 6)
- High Channel: 2462MHz (Ch 11)

Standby mode

4.2 Configuration and peripherals



■ : Standard Ferrite Core

*Cabling and setup were taken into consideration and test data was taken under worse case conditions.

Description of EUT

No.	Item	Model number	Serial number	Manufacturer	FCC ID
A	PSP	PSP-1001	20005508- PSP1001 *1) 20005478-PSP1001 *2)	Sony Computer Entertainment	AK8PSP1001B2
B	AC Adapter	PSP-100 (ADP-553SR)	05098445884B	Mitsumi	-
C	Remote Controller	PSP-120	-	Sony Computer Entertainment	-
D	Headphones	PSP-130	-	Sony Computer Entertainment	-
E	PC	X40	KV-01549	IBM	-
F	AC Adaptor	02K6808	11S02K6808Z1Z89H3C6DUW	IBM	-
G	Memory Stick Duo	MSX-M256	-	SONY	-
H	UMD Disc	-	-	Sony Computer Entertainment	-
I	Battery Pack	PSP-110	-	Sony Computer Entertainment	-

*1): Used for Radiated Emission and Maximum Peak Output Power tests
*2): Used for other tests

List of cables used

No.	Name	Length (m)	Shield
1	DC Cable	1.4	N
2	AC Cable	1.5	N
3	USB Cable	0.5	Y
4	Remote Control Cable	0.8	N
5	Headphones Cable	1.1	N
6	DC Cable	1.9	N
7	AC Cable	1.0	N

SECTION 5: Conducted Emission

Test Procedure and conditions

EUT was placed on a wooden platform of nominal size, 1m by 1.5m, raised 80cm above the conducting ground plane. The rear of tabletop was located 40cm to the vertical conducting plane. The rear of EUT, including peripherals aligned and flushed with rear of tabletop. All other surfaces of tabletop were at least 80cm from any other grounded conducting surface. EUT was located 80cm from a Line Impedance Stabilization Network (LISN)/ Artificial mains Network (AMN) and excess AC cable was bundled in center.

For the tests on EUT with other peripherals (as a whole system)
I/O cable and AC cables that were connected to the peripherals were bundled in center. They were folded back and forth forming a bundle 30cm to 40cm long and were hanged at a 40cm height to the ground plane.

The AC Mains Terminal Continuous disturbance Voltage has been measured with the EUT in a Semi Anechoic Chamber or a Measurement Room.
The EUT was connected to a LISN (AMN).
An overview sweep with peak detection has been performed.

Detector : CISPR quasi-peak and average detector (IF BW 9 kHz)
Measurement range : 0.15-30MHz
Test data : APPENDIX 3
Test result : Pass

Date: October 6, 2006 Test engineer: Mitsuru Fujimura

SECTION 6: Spurious Emission

[Conducted]
Test Procedure
The Out of Band Emission was measured with a spectrum analyzer connected to the antenna port.
Test data : APPENDIX 3
Test result : Pass

[Radiated]
Test Procedure
EUT was placed on a urethane platform of nominal size, 1.0m by 1.0m, raised 80cm above the conducting ground plane.
The Radiated Electric Field Strength intensity has been measured in a Semi Anechoic Chamber with a ground plane and at a distance of 3m(Below 10GHz) and 1m(Upper 10GHz).
The height of the measuring varied between 1 and 4m and EUT was rotated a full revolution in order to obtain the maximum value of the electric field intensity.
The measurements were performed for both vertical and horizontal antenna polarization with the Test Receiver, or the Spectrum Analyzer (in linear mode).
The test was made with the detector (RBW/VBW) in the following table.
When using Spectrum analyzer, the test was made with adjusting span to zero by using peak hold.

In any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator confirmed 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on a radiated measurement.

20dBc was applied to the frequency over the limit of FCC 15.209 and outside the restricted band of 15.205.

Frequency	Below 1GHz	Above 1GHz
Instrument used	Test Receiver / Spectrum Analyzer	Spectrum Analyzer
Detector IF Bandwidth	QP: BW 120kHz(T/R) 20dBc : RBW: 100kHz VBW: 300kHz (S/A)	PK: RBW:1MHz/VBW: 1MHz AV: RBW:1MHz/VBW:10Hz 20dBc : RBW:100kHz/VBW:300kHz

The carrier level and noise levels were confirmed at each position of X, Y and Z axes of EUT to see the position of maximum noise, and the test was made at the position that has the maximum noise.

Test data : APPENDIX 3
Test result : Pass

Date: March 20, 22, and 23, 2006
March 21, 2006

Test engineer: Mitsuru Fujimura
Yutaka Yoshida

SECTION 7: Bandwidth

Test Procedure

The bandwidth was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 3
Test result : Pass

SECTION 8: Maximum Peak Output Power

Test Procedure
The Maximum Peak Output Power was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 3
Test result : Pass

SECTION 9: Peak Power Density

[Conducted]
Test Procedure
The Peak Power Density was measured with a spectrum analyzer connected to the antenna port.

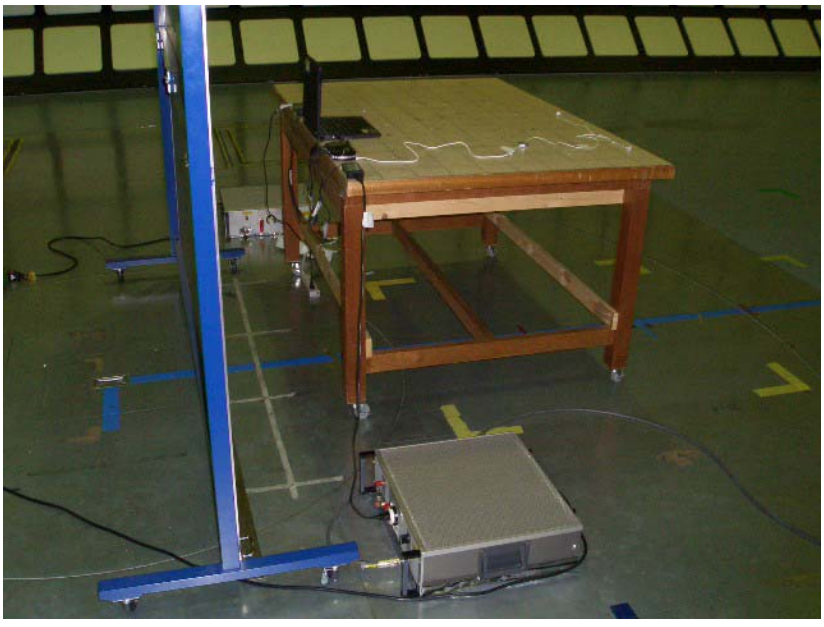
Test data : APPENDIX 3
Test result : Pass

APPENDIX 1: Photographs of test setup

Conducted Emission

Front

Rear



Spurious Emission (Radiated)

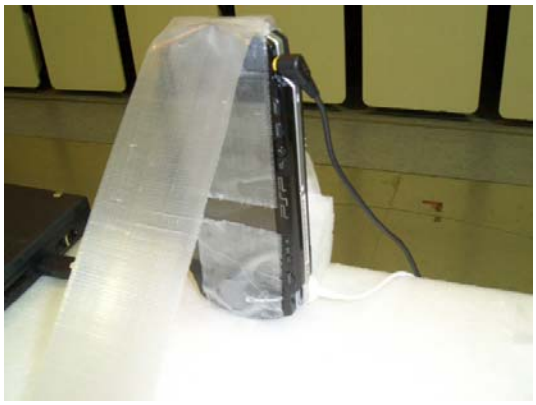
Front

Rear

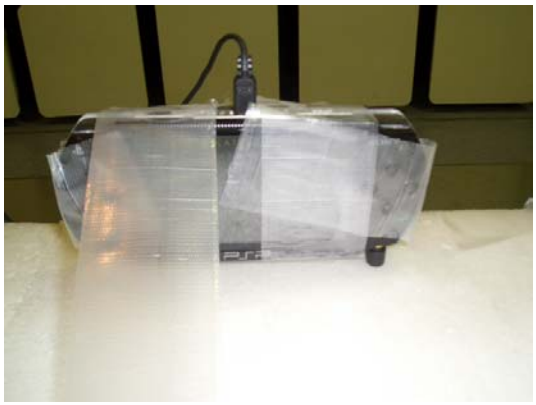
Worst Case Position (Horizontal: Z-axis/ Vertical:Y-axis)

X-axis

Y-axis



Z-axis



APPENDIX 2:Test instruments

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAT-21	Attenuator(20dB)(above1GHz)	HIROSE ELECTRIC CO.,LTD.	AT-120	AT	2006/01/10 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	AT	2006/02/11 * 12
MCC-35	Microwave Cable	Hirose Electric	U.FL-2LP-066-A-(200)	AT	2005/09/06 * 12
MAEC-01	Anechoic Chamber	TDK	Semi Anechoic Chamber 10m	RE/CE	2005/11/14 * 12
MTR-01	Test Receiver	Rohde & Schwarz	ESI40	RE/CE	2005/11/10 * 12
MHA-05	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2006/01/09 * 12
MCC-18	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	RE	2006/02/02 * 12
MPA-01	Pre Amplifier	Agilent	8449B	RE	2006/02/09 * 12
MCC-15	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	RE	2006/02/02 * 12
MHA-01	Horn Antenna	EMCO	3160-09	RE	2006/01/09 * 12
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2005/04/11 * 12
MCC-12	Coaxial Cable	Fujikura/Agilent	-	RE	2006/02/23 * 12
MAT-07	Attenuator(6dB)	Weinschel Corp	2	RE	2005/12/16 * 12
MLA-02	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2005/10/14 * 12
MBA-02	Biconical Antenna	Schwarzbeck	BBA9106	RE	2005/10/10 * 12
MPA-09	Pre Amplifier	Agilent	8447D	RE	2005/09/07 * 12
MOS-02	Digital Humidity Indicator	N.T	NT-1800	RE	2004/11/25 * 24
MBA-01	Biconical Antenna	Schwarzbeck	BBA9106	RE	2005/10/10 * 12
MLA-01	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2005/10/14 * 12
MCC-01	Coaxial Cable 0.1-3000MHz	Suhner/storm/Agilent/TSJ	-	RE	2006/02/20 * 12
MAT-06	Attenuator(6dB)	Weinschel Corp	2	RE	2005/12/16 * 12
MPA-04	Pre Amplifier	Agilent	8447D	RE	2005/05/24 * 12
MLS-02	LISN(AMN)	Schwarzbeck	NSLK8127	CE(EUT)	2005/11/09 * 12
MLS-03	LISN(AMN)	Schwarzbeck	NSLK8127	CE(AE)	2005/11/09 * 12
MTA-06	Terminator	MCL	BTRM-50	CE	2006/02/06 * 12
MCC-03	Coaxial Cable	Fujikura/Suhner/Agilent/TSJ	-	CE	2005/12/18 * 12
MSA-07	Spectrum Analyzer	Agilent	E4408B	AT	2006/03/24 * 12
MOS-04	Digital Humidity Indicator	N.T	NT-1800	AT	2004/11/25 * 24
MCC-33	Microwave Cable	Hirose Electric	U.FL-2LP-066-A-(200)	AT	2005/07/22 * 12
MCC-26	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	AT	2005/08/30 * 12
MAT-20	Attenuator(10dB)(above1GHz)	HIROSE ELECTRIC CO.,LTD.	AT-110	AT	2006/01/10 * 12
MCC-22	Microwave Cable 1G-40GHz	Storm	421-011 (90-011-080)	AT	2005/04/29* 12
MSTW-14	EMI Measurement Software	TSJ	TEPTO-DV	RE/CE/AT	-

All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

Test Item:

CE: Conducted Emission
RE: Radiated Emission
AT: Antenna Terminal Conducted test

APPENDIX 3: Data of EMI test

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

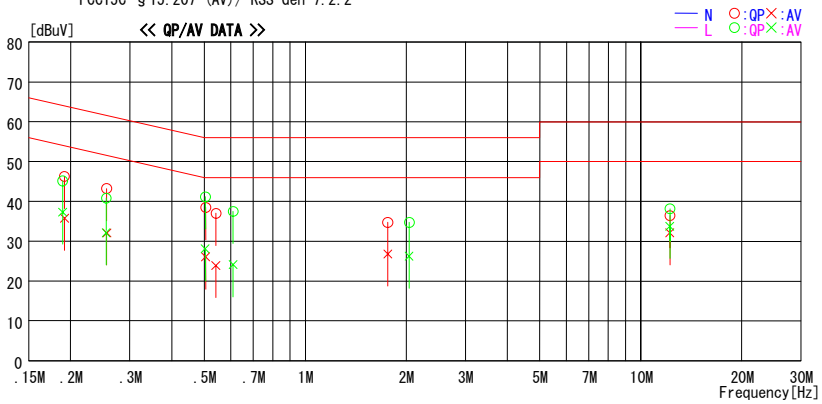
UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/24 03:31:51

Applicant : Sony Computer Entertainment Inc.
Kind of EUT : PSP
Model No. : PSP-1001
Serial No. : 200005478-PSP1001

Report No. : 26HE0182-HO
Power : AC 120V / 60Hz
Temp./Humi. : 25deg.C / 30%
Operator : Mitsuru Fujimura

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX) Ch:1, ANT:Sony, AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



Frequency	Reading Level QP	Reading Level AV	Corr. Factor	Results QP	Results AV	Limit QP	Limit AV	Margin QP	Margin AV	Phase
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]	
0.19163	46.2	35.7	0.1	46.3	35.8	64.0	54.0	17.7	18.2	N
0.25591	43.2	32.0	0.1	43.3	32.1	61.6	51.6	18.3	19.5	N
0.50472	38.2	25.8	0.3	38.5	26.1	56.0	46.0	17.5	19.9	N
0.54119	36.7	23.6	0.3	37.0	23.9	56.0	46.0	19.0	22.1	N
1.76143	34.3	26.3	0.5	34.8	26.8	56.0	46.0	21.2	19.2	N
12.20440	34.9	30.5	1.6	36.5	32.1	60.0	50.0	23.5	17.9	N
0.18923	45.1	37.2	0.1	45.2	37.3	64.1	54.1	18.9	16.8	L
0.25516	40.7	32.0	0.1	40.8	32.1	61.6	51.6	20.8	19.5	L
0.50361	40.9	27.8	0.3	41.2	28.1	56.0	46.0	14.9	17.9	L
0.60912	37.2	23.8	0.3	37.5	24.1	56.0	46.0	18.5	21.9	L
2.03830	34.3	25.8	0.5	34.8	26.3	56.0	46.0	21.2	19.7	L
12.20400	36.6	32.2	1.6	38.2	33.8	60.0	50.0	21.8	16.2	L

CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

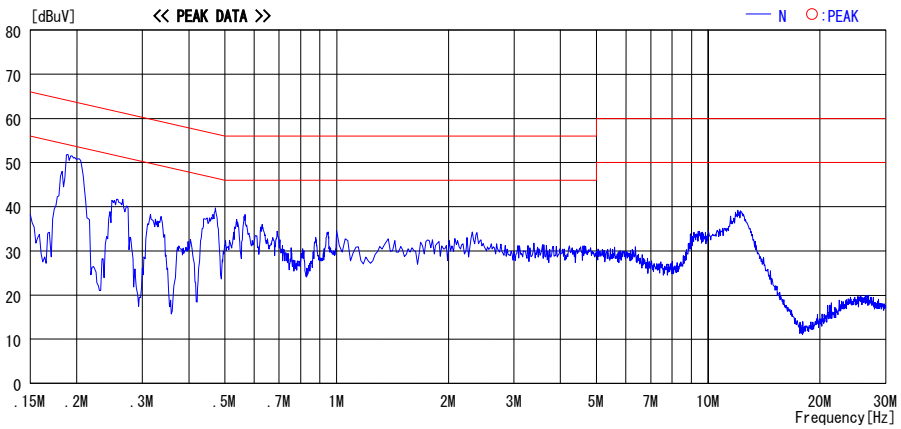
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/24 03:31:51

Applicant	: Sony Computer Entertainment Inc.	Report No.	: 26HE0182-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 25deg.C / 30%
Serial No.	: 200005478-PSP1001	Operator	: Mitsuru Fujimura

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX) Ch:1, ANT:Sony, AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



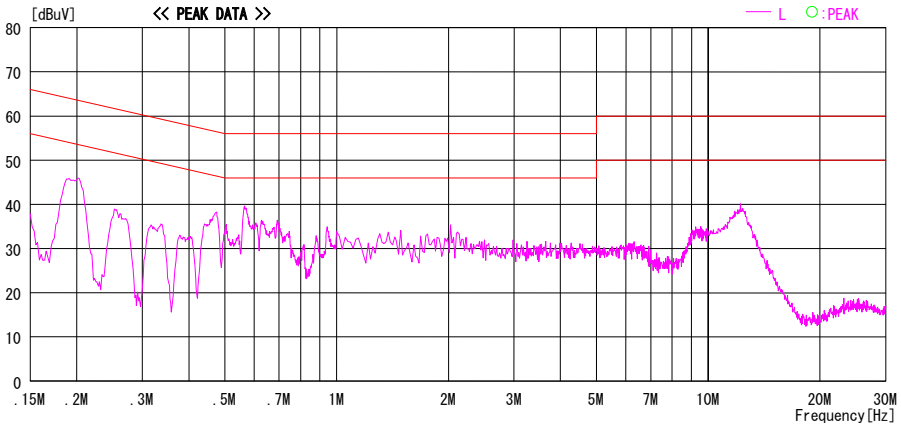


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

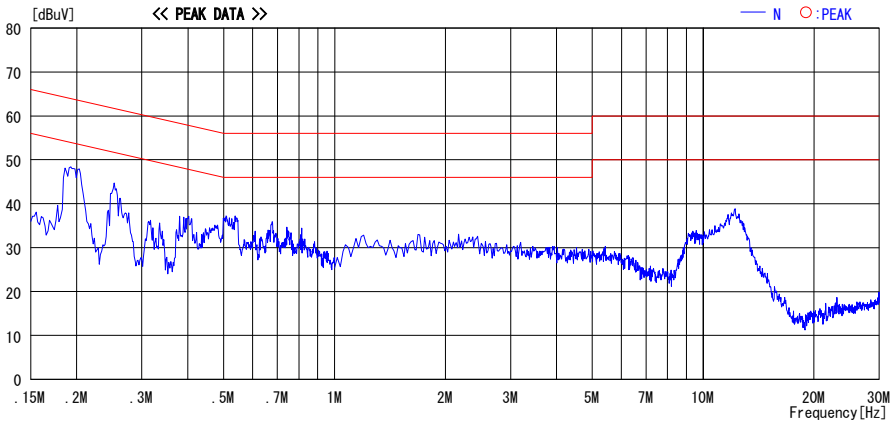
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/24 03:05:53

Applicant	: Sony Computer Entertainment Inc.	Report No.	: 26HE0182-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 25deg.C / 30%
Serial No.	: 200005478-PSP1001	Operator	: Mitsuru Fujimura

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX) Ch:6, ANT:Sony, AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



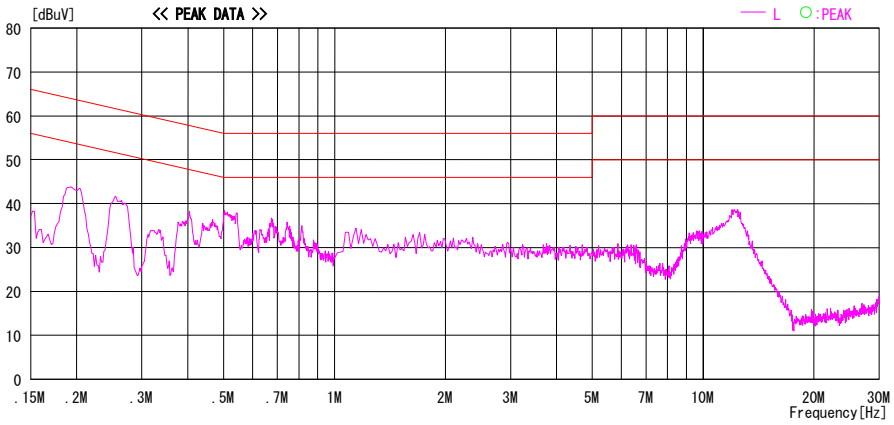


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

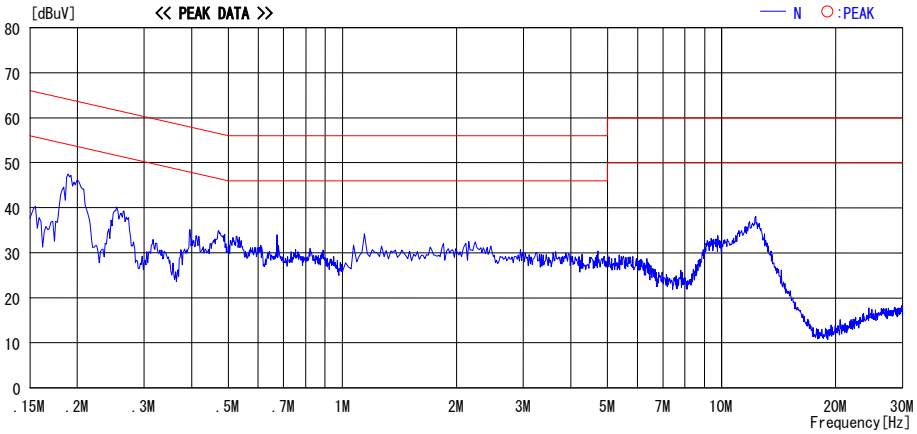
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/24 02:58:11

Applicant	: Sony Computer Entertainment Inc.	Report No.	: 26HE0182-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 25deg.C / 30%
Serial No.	: 200005478-PSP1001	Operator	: Mitsuru Fujimura

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX) Ch:11, ANT:Sony, AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



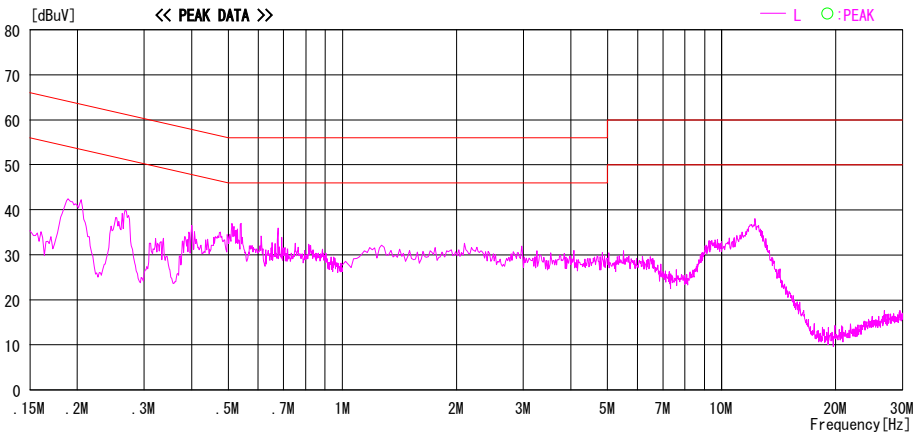


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

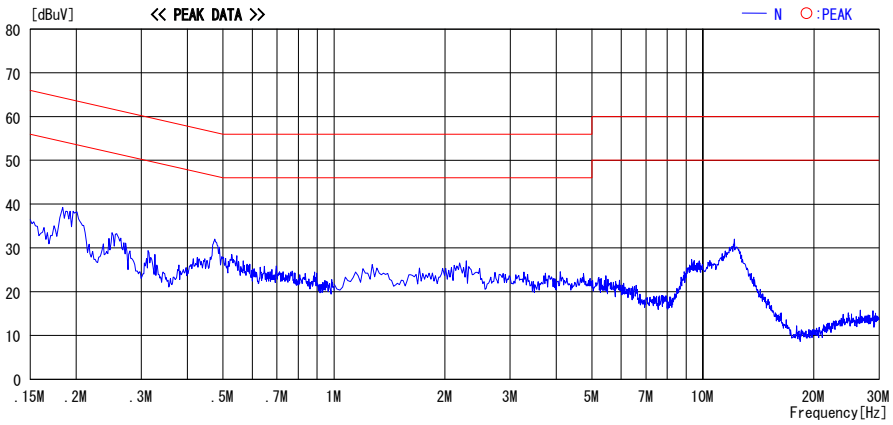
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/24 02:46:00

Applicant	: Sony Computer Entertainment Inc.	Report No.	: 26HE0182-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 25deg.C / 30%
Serial No.	: 200005478-PSP1001	Operator	: Mitsuru Fujimura

Mode / Remarks : IEEE802.11b, Standby, ANT:Sony, AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



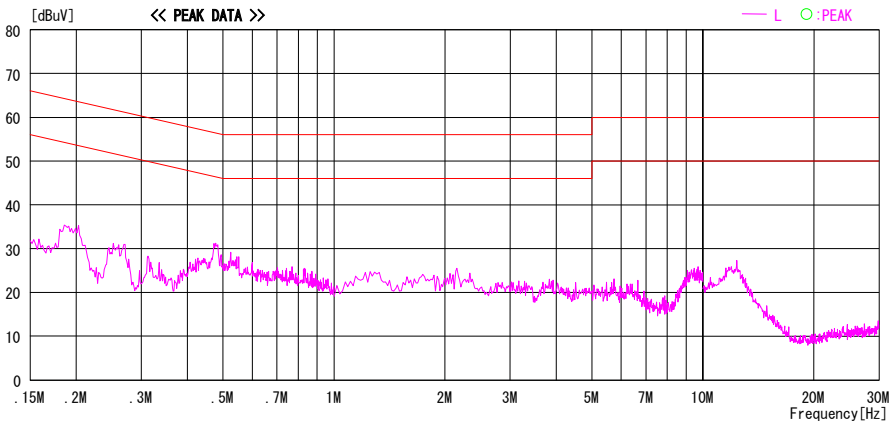


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

6dB Bandwidth

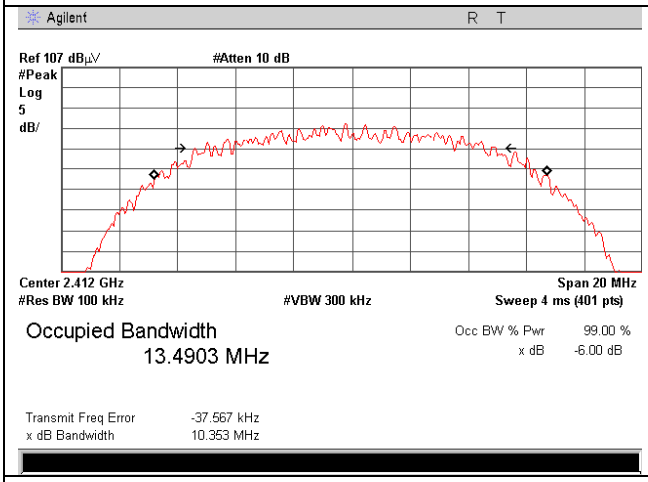
UL Apex Co., Ltd.
Head Office EMC Lab. No.7 Shielded Room

Company	: Sony Computer Entertainment Inc.	REPORT NO	: 26HE0182-HO
Equipment	: PSP	REGULATION	: FCC Part15 Subpart C 15.247(a)(2)
Model	: PSP-1001	TEST DISTANCE	: -
Sample No.	: 200005478-PSP1001	DATE	: 03/30/2006
Power	: AC120V/60Hz	TEMPERATURE	: 26℃
Mode	: IEEE802.11b Tx(ch1,6,11)	HUMIDITY	: 32%
		ENGINEER	: Mitsuru Fujimura

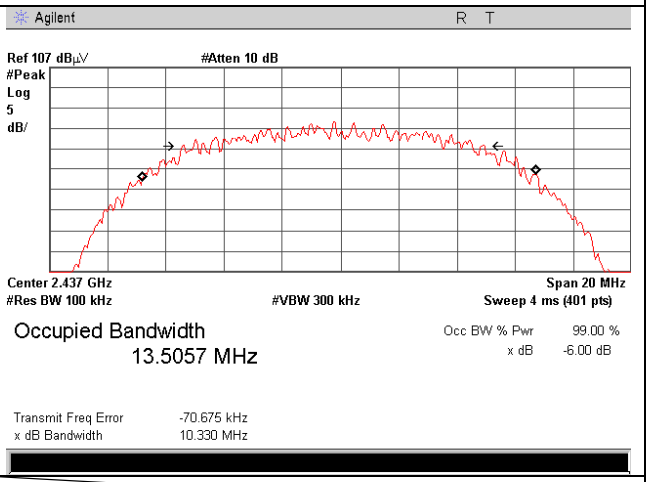
Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2412.0	10.353	500.0
Mid	2437.0	10.330	500.0
High	2462.0	10.287	500.0

6dB Bandwidth

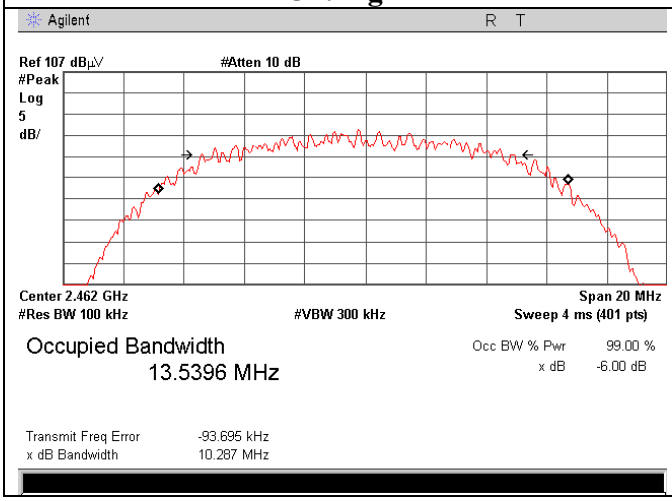
Ch:Low



Ch:Mid



Ch:High



Maximum Peak Output Power

(Ant: HFS11-SO01, Hitachi)

UL Apex Co., Ltd.
Head Office EMC Lab. No.4 shielded Room

Company	: Sony Computer Entertainment Inc.	REPORT NO	: 26HE0182-HO
Equipment	: PSP	REGULATION	: Fcc Part15 Subpart C 15.247(b)(3)
Model	: PSP-1001	TEST DISTANCE	: -
Sample No.	: 200005508-PSP1001	DATE	: 05/17/2006
Power	: AC120V/60Hz	TEMPERATURE	: 25℃
Mode	: Tx(ch1,6,11)	HUMIDITY	: 38%
ANT	: Hitachi	ENGINEER	: Yutaka Yoshida

Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2412.0	-6.62	0.91	19.87	14.16	30.00	15.84
Mid	2437.0	-6.70	0.92	19.88	14.10	30.00	15.90
High	2462.0	-7.10	0.96	19.88	13.74	30.00	16.26

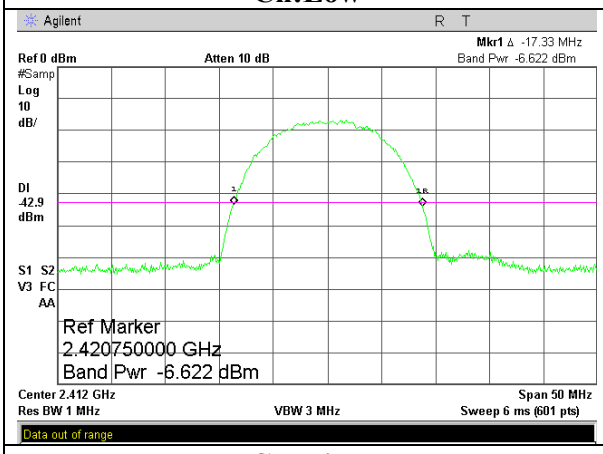
Sample Calculation:
Result = Reading + Cable Loss (supplied by customer) + Attenuator
* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

* The test was performed according to Method #3 of Power Output Option #2 in "Guidance on Measurement of Digital Transmission Systems Operating under Section15.247".

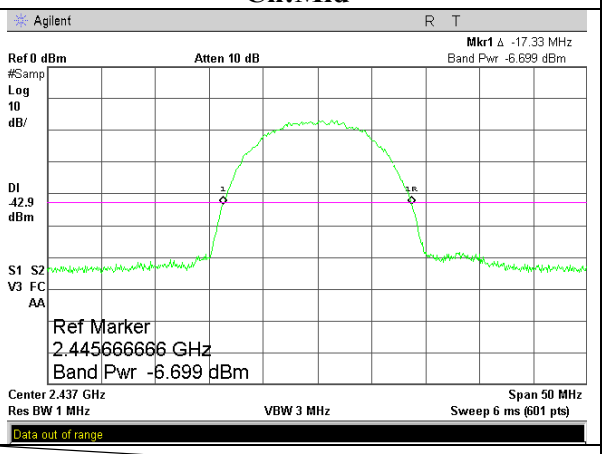
Maximum Peak Output Power

(Ant: HFS11-SO01, Hitachi)

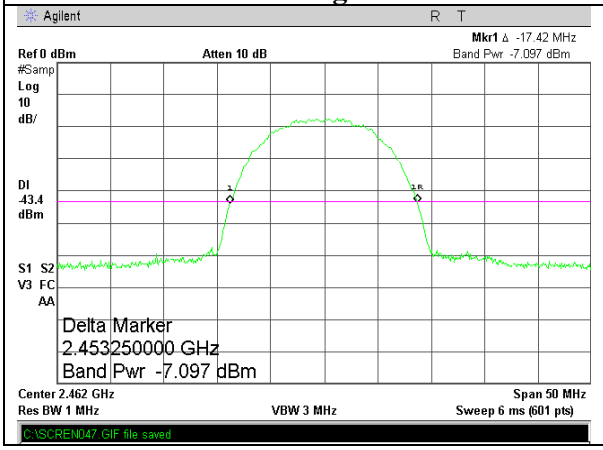
Ch:Low



Ch:Mid



Ch:High



UL Apex Co., Ltd.
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Maximum Peak Output Power

(ANT: UBA-CUW1000, Sony)

UL Apex Co., Ltd.
Head Office EMC Lab. No.4 shielded Room

Company	: Sony Computer Entertainment Inc.	REPORT NO	: 26HE0182-HO
Equipment	: PSP	REGULATION	: Fcc Part15 Subpart C 15.247(b)(3)
Model	: PSP-1001	TEST DISTANCE	: -
Sample No.	: 200005478-PSP1001	DATE	: 05/17/2006
Power	: AC120V/60Hz	TEMPERATURE	: 25℃
Mode	: Tx(ch1,6,11)	HUMIDITY	: 38%
ANT	: Sony	ENGINEER	: Yutaka Yoshida

Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2412.0	-7.04	0.91	19.87	13.74	30.00	16.26
Mid	2437.0	-7.25	0.92	19.88	13.55	30.00	16.45
High	2462.0	-7.38	0.96	19.88	13.46	30.00	16.54

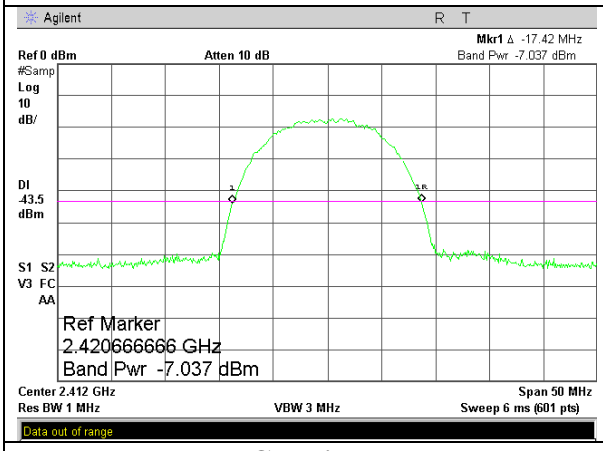
Sample Calculation:
Result = Reading + Cable Loss (supplied by customer) + Attenuator
* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

*The test was performed according to Method #3 of Power Output Option #2 in "Guidance on Measurement of Digital Transmission Systems Operating under Section15.247".

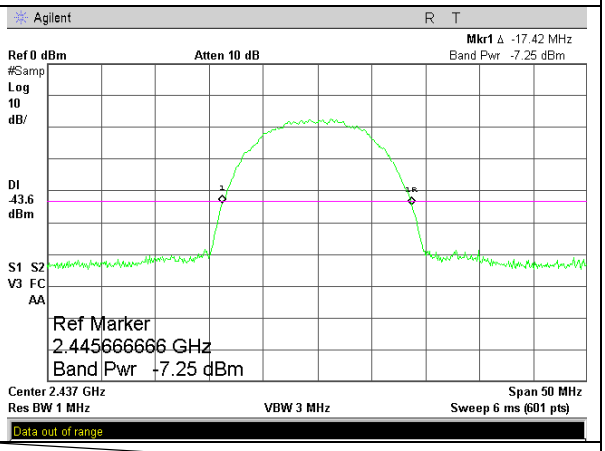
Maximum Peak Output Power

(ANT: UBA-CUW1000, Sony)

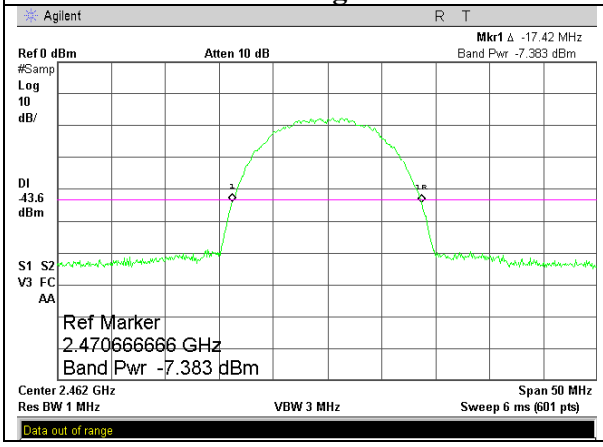
Ch:Low



Ch:Mid



Ch:High



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Facsimile : +81 596 24 8124

Radiated Spurious Emission

(ANT: UBA-CUW1000, Sony / Ch: Low)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

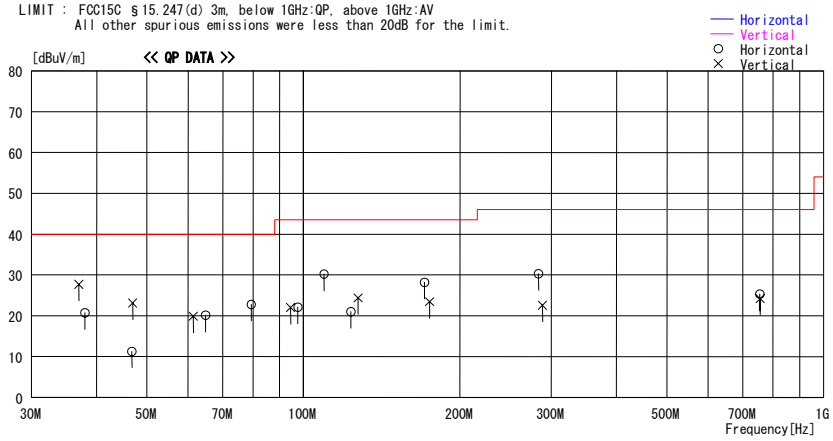
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/21 18:31:49

Company	: Sony Computer Entertainment Inc.	Report No.	: 26HE0182-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 25deg.C. / 27%
Serial No.	: 200005478-PSP1001	Operator	: Yutaka Yoshida

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(Max) Ch:1, Max-axis(H:Z, V:Y), ANT:Sony AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
All other spurious emissions were less than 20dB for the limit.



Frequency	Reading	DET	Antenna Factor	Loss& Gain	Level	Angle	Height	Polar.	Limit	Margin	Comment
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
37.004	34.7	QP	15.1	-22.1	27.7	359	100	Vert.	40.0	12.3	
37.987	28.1	QP	14.6	-22.0	20.7	193	150	Hori.	40.0	19.3	
46.770	22.2	QP	11.1	-22.0	11.3	12	150	Hori.	40.0	28.7	
46.929	34.0	QP	11.1	-22.0	23.1	214	100	Vert.	40.0	16.9	
61.456	33.7	QP	8.0	-21.8	19.9	214	100	Vert.	40.0	20.1	
64.801	34.6	QP	7.4	-21.9	20.1	175	167	Hori.	40.0	19.9	
79.371	38.1	QP	6.3	-21.6	22.8	170	240	Hori.	40.0	17.2	
94.502	34.8	QP	8.8	-21.6	22.0	335	217	Vert.	43.5	21.5	
97.620	34.1	QP	9.4	-21.4	22.1	253	300	Hori.	43.5	21.4	
109.534	40.0	QP	11.2	-21.0	30.2	55	296	Hori.	43.5	13.3	
123.370	29.2	QP	12.8	-21.0	21.0	611	160	Hori.	43.5	22.5	
127.374	32.2	QP	13.2	-21.0	24.4	214	150	Vert.	43.5	19.1	
171.003	32.8	QP	15.7	-20.3	28.2	359	195	Hori.	43.5	15.3	
174.844	28.1	QP	15.8	-20.4	23.5	109	150	Vert.	43.5	20.0	
283.486	30.5	QP	19.2	-19.4	30.3	20	126	Hori.	46.0	15.7	
288.360	22.5	QP	19.4	-19.3	22.6	158	103	Vert.	46.0	23.4	
753.608	21.8	QP	21.0	-17.5	25.3	359	150	Hori.	46.0	20.7	
755.708	20.7	QP	21.1	-17.6	24.2	0	150	Vert.	46.0	21.8	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission

(ANT: UBA-CUW1000, Sony / Ch: Mid)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

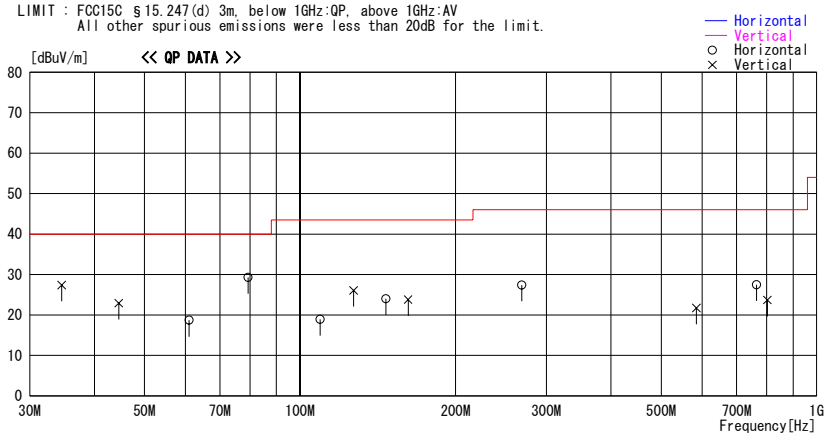
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/21 19:14:25

Company	: Sony Computer Entertainment Inc.	Report No.	: 26HE0182-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 25deg.C. / 27%
Serial No.	: 200005478-PSP1001	Operator	: Yutaka Yoshida

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(Max) Ch:6, Max-axis(H:Z, V:Y), ANT:Sony AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
34.590	33.2	QP	16.3	-22.1	27.4	214	100	Vert.	40.0	12.6	
44.580	33.1	QP	11.9	-22.1	22.9	214	100	Vert.	40.0	17.1	
61.010	32.5	QP	8.0	-21.8	18.7	215	100	Hori.	40.0	21.3	
79.332	44.5	QP	6.3	-21.5	29.3	215	100	Hori.	40.0	10.7	
109.330	28.7	QP	11.2	-21.0	18.9	300	55	Hori.	43.5	24.6	
126.993	33.9	QP	13.2	-21.0	26.1	61	160	Vert.	43.5	17.4	
146.710	30.0	QP	14.6	-20.6	24.0	55	300	Hori.	43.5	19.5	
161.832	29.2	QP	15.3	-20.7	23.8	110	150	Vert.	43.5	19.7	
268.661	28.8	QP	18.3	-19.7	27.4	130	20	Hori.	46.0	18.6	
584.905	22.0	QP	19.0	-19.3	21.7	0	150	Vert.	46.0	24.3	
764.108	24.3	QP	21.1	-17.9	27.5	0	150	Hori.	46.0	18.5	
802.609	20.1	QP	21.4	-17.8	23.7	0	150	Vert.	46.0	22.3	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission

(ANT: UBA-CUW1000, Sony / Ch: High)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

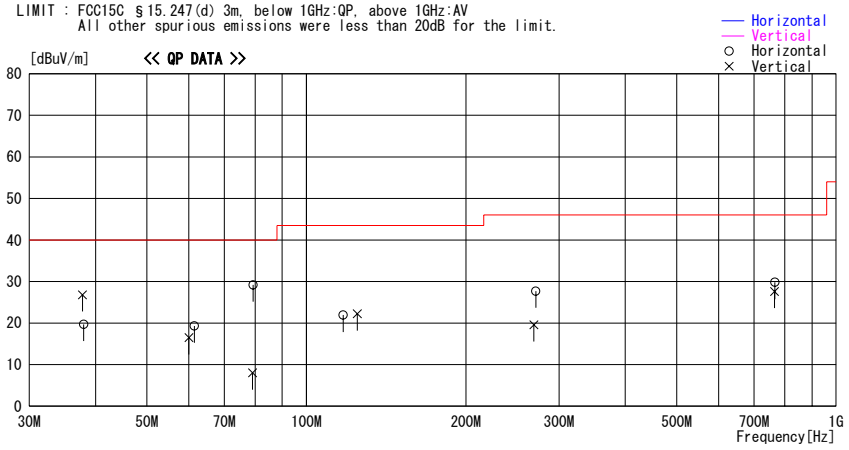
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/21 14:04:12

Company	: Sony Computer Entertainment Inc.	Report No.	: 26HE0182-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 25deg.C. / 27%
Serial No.	: 200005478-PSP1001	Operator	: Yutaka Yoshida

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(Max) Ch:11, Max-axis(H:Z, V:Y), ANT:Sony AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
All other spurious emissions were less than 20dB for the limit.



Frequency	Reading	DET	Antenna Factor	Loss& Gain	Level	Angle	Height	Polar.	Limit	Margin	Comment
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
37.793	34.1	QP	14.7	-22.0	26.8	175	178	Vert.	40.0	13.2	
37.992	27.1	QP	14.6	-22.0	19.7	151	190	Hori.	40.0	20.3	
61.454	33.1	QP	8.0	-21.8	19.3	359	100	Hori.	40.0	20.7	
60.034	30.1	QP	8.2	-21.8	16.5	6	114	Vert.	40.0	23.5	
79.140	23.2	QP	6.3	-21.5	8.0	0	134	Vert.	40.0	32.0	
79.331	44.4	QP	6.3	-21.5	29.2	44	249	Hori.	40.0	10.8	
117.318	30.9	QP	12.2	-21.2	21.9	44	249	Hori.	43.5	21.6	
124.791	30.2	QP	13.0	-21.0	22.2	0	134	Vert.	43.5	21.3	
268.681	21.0	QP	18.3	-19.7	19.6	30	120	Vert.	46.0	26.4	
271.012	29.0	QP	18.4	-19.7	27.7	358	151	Hori.	46.0	18.3	
764.808	24.5	QP	21.1	-18.0	27.6	353	120	Vert.	46.0	18.4	
765.508	26.7	QP	21.1	-18.0	29.8	62	100	Hori.	46.0	16.2	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission

(ANT: UBA-CUW1000, Sony / Standy)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

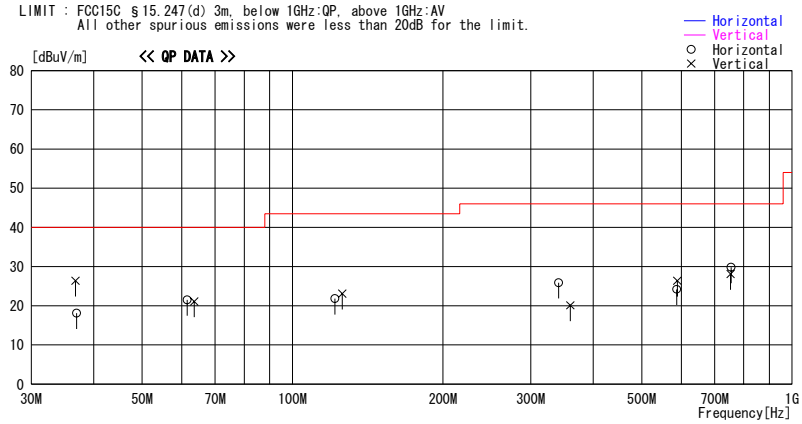
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/21 16:06:36

Company	: Sony Computer Entertainment Inc.	Report No.	: 26HE0182-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 25deg.C. / 27%
Serial No.	: 200005478-PSP1001	Operator	: Yutaka Yoshida

Mode / Remarks : Standby, Max-axis(H:Z, V:Y), ANT:Sony AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
All other spurious emissions were less than 20dB for the limit.



Frequency	Reading	DET	Antenna Factor	Loss& Gain	Level	Angle	Height	Polar.	Limit	Margin	Comment
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
36.980	25.1	QP	15.1	-22.1	18.1	359	213	Hori.	40.0	21.9	
61.560	35.4	QP	7.9	-21.8	21.5	359	213	Hori.	40.0	18.5	
121.492	30.3	QP	12.6	-21.1	21.8	110	20	Hori.	43.5	21.7	
341.200	29.3	QP	15.8	-19.2	25.9	110	20	Hori.	46.0	20.1	
587.705	24.5	QP	19.0	-19.3	24.2	100	20	Hori.	46.0	21.8	
754.308	26.3	QP	21.0	-17.5	29.8	0	150	Hori.	46.0	16.2	
36.780	33.3	QP	15.2	-22.1	26.4	0	100	Vert.	40.0	13.6	
63.560	35.4	QP	7.6	-21.9	21.1	0	100	Vert.	40.0	18.9	
125.739	31.1	QP	13.0	-21.0	23.1	0	100	Vert.	43.5	20.4	
359.920	23.3	QP	16.4	-19.6	20.1	359	150	Vert.	46.0	25.9	
589.132	26.6	QP	19.1	-19.3	26.4	359	150	Vert.	46.0	19.6	
752.908	24.5	QP	21.0	-17.4	28.1	359	150	Vert.	46.0	17.9	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

*Spurious emission was not detected above 1GHz.

Radiated Spurious Emission

(ANT: HFS11-SO01, Hitachi / Ch: Low)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

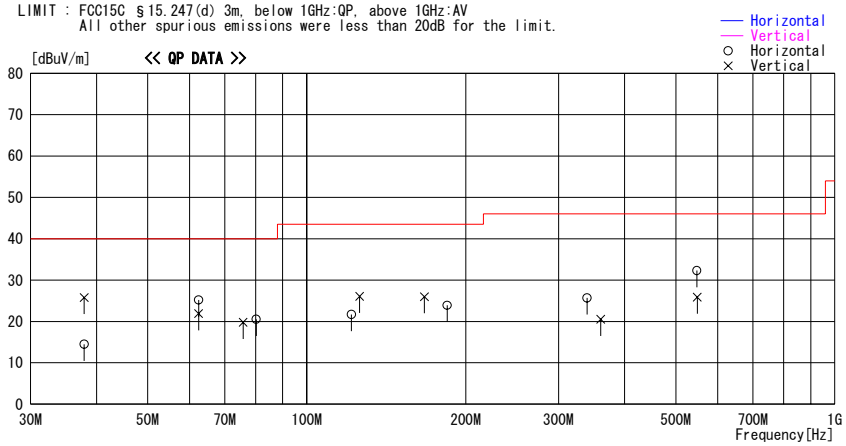
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/21 16:55:42

Company	: Sony Computer Entertainment Inc.	Report No.	: 26HE0182-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 25deg.C, / 27%
Serial No.	: 200005508-PSP1001	Operator	: Yutaka Yoshida

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(Max) Ch:1, Max-axis(H:Z, V:Y), ANT:Hitachi AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
All other spurious emissions were less than 20dB for the limit.



Frequency	Reading	DET	Antenna Factor	Loss& Gain	Level	Angle	Height	Polar.	Limit	Margin	Comment
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
37.886	33.2	QP	14.6	-22.0	25.8	52	114	Vert.	40.0	14.2	
62.398	35.9	QP	7.8	-21.8	21.9	259	100	Vert.	40.0	18.1	
62.400	39.2	QP	7.8	-21.8	25.2	213	341	Hori.	40.0	14.8	
37.886	21.9	QP	14.6	-22.0	14.5	213	341	Hori.	40.0	25.5	
75.771	34.7	QP	6.4	-21.3	19.8	259	100	Vert.	40.0	20.2	
80.229	35.8	QP	6.3	-21.6	20.5	210	195	Hori.	40.0	19.5	
121.492	30.2	QP	12.6	-21.1	21.7	21	111	Hori.	43.5	21.8	
125.915	34.0	QP	13.1	-21.0	26.1	19	110	Vert.	43.5	17.4	
167.128	31.0	QP	15.5	-20.5	26.0	143	100	Vert.	43.5	17.5	
184.492	28.1	QP	16.1	-20.3	23.9	21	111	Hori.	43.5	19.6	
339.600	29.1	QP	15.7	-19.1	25.7	17	100	Hori.	46.0	20.3	
360.200	23.6	QP	16.5	-19.6	20.5	143	100	Vert.	46.0	25.5	
547.800	33.4	QP	18.5	-19.6	32.3	17	100	Hori.	46.0	13.7	
549.004	27.0	QP	18.5	-19.6	25.9	203	114	Vert.	46.0	20.1	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission

(ANT: HFS11-SO01, Hitachi / Ch: Mid)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

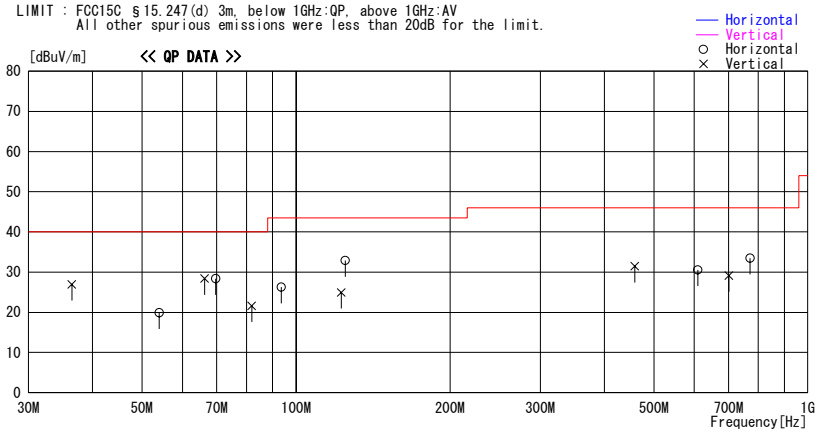
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/22 21:37:08

Company	: Sony Computer Entertainment Inc.	Report No.	: 26HE0182-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 21deg.C. / 36%
Serial No.	: 200005508-PSP1001	Operator	: Mitsuru Fujimura

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(Max) Ch:6, Max-axis(H:Z, V:Y), ANT:Hitachi AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
36.468	31.9	QP	15.7	-20.6	27.0	359	100	Vert.	40.0	13.0	
54.019	30.2	QP	9.8	-20.1	19.9	302	273	Hori.	40.0	20.2	
66.288	40.6	QP	7.6	-19.8	28.4	126	100	Vert.	40.0	11.6	
69.625	41.1	QP	7.1	-19.8	28.4	359	291	Hori.	40.0	11.7	
81.877	34.1	QP	7.2	-19.6	21.7	166	100	Vert.	40.0	18.3	
93.613	36.2	QP	9.3	-19.2	26.3	347	210	Hori.	43.5	17.2	
122.532	30.5	QP	13.3	-18.8	25.0	165	224	Vert.	43.5	18.5	
124.738	38.2	QP	13.5	-18.8	32.9	38	162	Hori.	43.5	10.6	
459.021	30.1	QP	17.8	-16.4	31.5	350	150	Vert.	46.0	14.5	
609.737	27.3	QP	19.2	-15.9	30.6	74	154	Hori.	46.0	15.4	
700.837	24.1	QP	20.5	-15.4	29.2	241	100	Vert.	46.0	16.8	
771.311	27.0	QP	21.3	-14.9	33.4	148	153	Hori.	46.0	12.6	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission

(ANT: HFS11-SO01, Hitachi / Ch: High)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

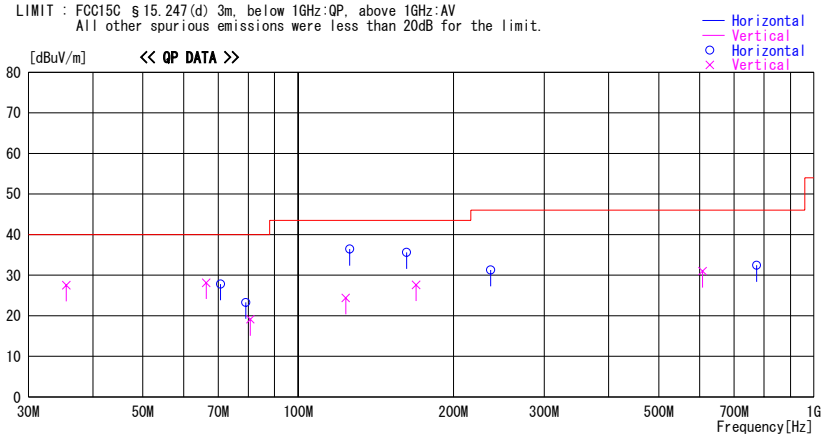
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/22 23:21:14

Company	: Sony Computer Entertainment Inc.	Report No.	: 26HE0182-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 21deg.C. / 36%
Serial No.	: 200005508-PSP1001	Operator	: Mitsuru Fujimura

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(Max) Ch:11, Max-axis(H:Z, V:Y), ANT:Hitachi AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
35.531	32.2	QP	16.1	-20.7	27.6	7	100	Vert.	40.0	12.5	
66.278	40.3	QP	7.6	-19.8	28.1	92	100	Vert.	40.0	11.9	
70.756	40.6	QP	7.0	-19.8	27.8	7	274	Hori.	40.0	12.2	
79.119	36.0	QP	6.9	-19.6	23.3	5	227	Hori.	40.0	16.7	
80.769	31.7	QP	7.0	-19.6	19.1	126	100	Vert.	40.0	20.9	
123.659	29.8	QP	13.4	-18.8	24.4	189	100	Vert.	43.5	19.1	
125.926	41.6	QP	13.6	-18.8	36.4	39	133	Hori.	43.5	7.1	
162.143	37.8	QP	16.0	-18.2	35.6	2	100	Hori.	43.5	7.9	
169.313	29.4	QP	16.2	-18.0	27.6	275	150	Vert.	43.5	15.9	
236.236	31.3	QP	17.2	-17.2	31.3	359	100	Hori.	46.0	14.7	
608.216	27.7	QP	19.2	-15.9	31.0	204	100	Vert.	46.0	15.0	
773.987	26.0	QP	21.3	-14.9	32.4	359	100	Hori.	46.0	13.6	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission

(ANT: HFS11-SO01, Hitachi / Standby)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

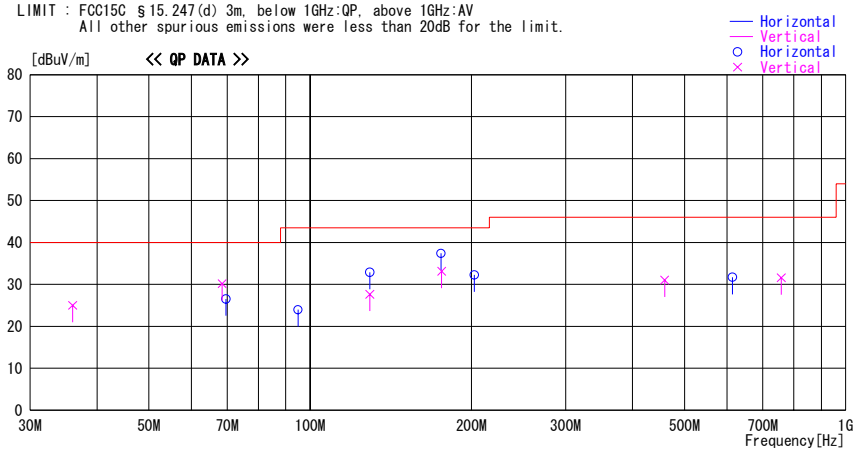
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2006/03/23 00:37:57

Company	: Sony Computer Entertainment Inc.	Report No.	: 26HE0182-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 21deg.C. / 36%
Serial No.	: 200005508-PSP1001	Operator	: Mitsuru Fujimura

Mode / Remarks : IEEE802.11b, Standby, Max-axis(H:Z, V:Y), ANT:Hitachi AC-Adapter:PSP-100(MITSUMI)

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
36.009	29.8	QP	15.9	-20.7	25.0	2	100	Vert.	40.0	15.0	
68.505	42.8	QP	7.2	-19.8	30.2	144	100	Vert.	40.0	9.8	
69.631	39.2	QP	7.1	-19.8	26.5	192	297	Hori.	40.0	13.5	
94.899	33.5	QP	9.6	-19.2	23.9	350	171	Hori.	43.5	19.6	
129.225	37.7	QP	13.9	-18.7	32.9	224	253	Hori.	43.5	10.6	
129.235	32.4	QP	13.9	-18.7	27.6	160	179	Vert.	43.5	15.9	
175.509	38.9	QP	16.4	-17.9	37.4	143	260	Hori.	43.5	6.1	
176.014	34.5	QP	16.5	-17.9	33.1	89	100	Vert.	43.5	10.4	
202.493	32.8	QP	17.1	-17.6	32.3	359	100	Hori.	43.5	11.2	
459.018	29.6	QP	17.8	-16.4	31.0	63	162	Vert.	46.0	15.0	
614.472	28.3	QP	19.3	-15.9	31.7	225	162	Hori.	46.0	14.3	
757.715	25.5	QP	21.2	-15.1	31.6	230	164	Vert.	46.0	14.4	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

*Spurious emission was not detected above 1GHz.

Radiated Spurious Emission

(ANT: UBA-CUW1000, Sony / Ch: Low)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1 Semi Anechoic Chamber

Company	: Sony Computer Entertainment	REPORT NO	: 26HE0182-HO
Equipment	: PSP	REGULATION	: Fcc Part15 Subpart C 15.247(d)
Model	: PSP-1001	TEST DISTANCE	: 3/1m
Sample No.	: 200005478-PSP1001	DATE	: 03/20/2006
Power	: AC 120 V / 60 Hz	TEMPERATURE	: 21deg.C
Mode	: IEEE802.11b, Tx 2412MHz	HUMIDITY	: 25%
Remarks	: Hor Z/Ver Y-axis	ENGINEER	: Mitsuru Fujimura

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.0	54.3	53.9	30.5	36.3	2.3	0.0	50.8	50.4	74.0	23.2	23.6
2*	2398.6	59.9	63.3	30.5	36.3	2.3	0.0	56.4	59.8	74.0	17.6	14.2
3	4824.0	46.0	45.6	35.3	35.9	3.4	1.4	50.2	49.8	74.0	23.8	24.2
4	7236.0	45.8	45.1	37.7	35.8	4.2	1.2	53.1	52.4	74.0	20.9	21.6
5	9648.0	45.9	46.1	36.6	36.4	4.8	1.0	51.9	52.1	74.0	22.2	21.9
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	24120.0	48.7	48.5	39.8	35.5	8.2	0.0	51.7	51.5	74.0	22.3	22.5

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.0	42.1	41.3	30.5	36.3	2.3	0.0	38.6	37.8	54.0	15.4	16.2
2*	2398.6	49.3	52.3	30.5	36.3	2.3	0.0	45.8	48.8	54.0	8.3	5.2
3	4824.0	32.8	31.9	35.3	35.9	3.4	1.4	37.0	36.1	54.0	17.0	17.9
4	7236.0	32.5	32.4	37.7	35.8	4.2	1.2	39.8	39.7	54.0	14.2	14.3
5	9648.0	33.1	33.1	36.6	36.4	4.8	1.0	39.1	39.1	54.0	14.9	14.9
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	24120.0	35.7	35.7	39.8	35.5	8.2	0.0	38.7	38.7	54.0	15.3	15.3

* Reference data

20dBc(Fundamental 2412MHz) (RBW: 100kHz, VBW: 300kHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	20dBc	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2412.0	100.4	103.2	30.5	36.3	2.4	0.0	97.0	99.8	-	-	-
2	2398.6	51.1	54.0	30.5	36.3	2.3	0.0	47.6	50.5	Funda-20dB	29.4	29.3

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission

(ANT: UBA-CUW1000, Sony / Ch: Mid)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1 Semi Anechoic Chamber

Company	: Sony Computer Entertainment	REPORT NO	: 26HE0182-HO
Equipment	: PSP	REGULATION	: Fcc Part15 Subpart C 15.247(d)
Model	: PSP-1001	TEST DISTANCE	: 3/1m
Sample No.	: 200005478-PSP1001	DATE	: 03/20/2006
Power	: AC 120 V / 60 Hz	TEMPERATURE	: 21deg.C
Mode	: IEEE802.11b, Tx 2437MHz	HUMIDITY	: 25%
Remarks	: Hor Z/Ver Y-axis	ENGINEER	: Mitsuru Fujimura

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4873.4	46.5	51.2	35.6	35.9	3.4	1.4	51.0	55.7	74.0	23.0	18.3
2	7311.0	45.4	46.6	37.7	35.8	4.2	1.1	52.6	53.8	74.0	21.5	20.2
3	9748.0	46.8	45.7	36.5	36.5	4.8	1.1	52.7	51.6	74.0	21.3	22.4
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	24370.0	48.7	49.8	39.8	35.8	8.3	0.0	51.5	52.6	74.0	22.5	21.4

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4873.4	32.7	38.0	35.6	35.9	3.4	1.4	37.2	42.5	54.0	16.8	11.5
2	7311.0	32.7	32.6	37.7	35.8	4.2	1.1	39.9	39.8	54.0	14.1	14.2
3	9748.0	32.9	32.9	36.5	36.5	4.8	1.1	38.8	38.8	54.0	15.3	15.2
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	24370.0	35.7	35.7	39.8	35.8	8.3	0.0	38.5	38.5	54.0	15.5	15.5

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission

(ANT: UBA-CUW1000, Sony / Ch: High)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1 Semi Anechoic Chamber

Company	: Sony Computer Entertainment	REPORT NO	: 26HE0182-HO
Equipment	: PSP	REGULATION	: Fcc Part15 Subpart C 15.247(d)
Model	: PSP-1001	TEST DISTANCE	: 3/1m
Sample No.	: 200005478-PSP1001	DATE	: 03/20/2006
Power	: AC 120 V / 60 Hz	TEMPERATURE	: 21deg.C
Mode	: IEEE802.11b, Tx 2462MHz	HUMIDITY	: 25%
Remarks	: Hor Z/Ver Y-axis	ENGINEER	: Mitsuru Fujimura

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1969.7	52.4	52.5	31.0	36.2	2.2	0.0	49.4	49.5	74.0	24.6	24.5
2	2483.5	52.9	50.8	30.3	36.3	2.4	0.0	49.3	47.2	74.0	24.7	26.8
3	4924.0	49.3	49.5	35.8	35.9	3.4	1.4	54.0	54.2	74.0	20.1	19.8
4	7386.0	52.0	51.6	37.8	35.8	4.2	1.1	59.3	58.9	74.0	14.8	15.1
5	9848.0	51.1	51.7	36.3	36.6	4.9	1.2	56.9	57.5	74.0	17.1	16.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	24620.0	49.1	49.5	39.9	35.8	8.3	0.0	52.0	52.4	74.0	22.1	21.6

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1969.7	48.0	47.7	31.0	36.2	2.2	0.0	45.0	44.7	54.0	9.0	9.3
2	2483.5	40.3	37.0	30.3	36.3	2.4	0.0	36.7	33.4	54.0	17.3	20.6
3	4924.0	35.7	37.3	35.8	35.9	3.4	1.4	40.4	42.0	54.0	13.6	12.0
4	7386.0	38.7	38.7	37.8	35.8	4.2	1.1	46.0	46.0	54.0	8.0	8.0
5	9848.0	38.0	38.0	36.3	36.6	4.9	1.2	43.8	43.8	54.0	10.2	10.2
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	24620.0	36.3	36.2	39.9	35.8	8.3	0.0	39.2	39.1	54.0	14.9	14.9

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission

(ANT: HFS11-SO01, Hitachi / Ch: Low)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1 Semi Anechoic Chamber

Company	: Sony Computer Entertainment	REPORT NO	: 26HE0182-HO
Equipment	: PSP	REGULATION	: Fcc Part15 Subpart C 15.247(d)
Model	: PSP-1001	TEST DISTANCE	: 3/1m
Sample No.	: 200005508-PSP1001	DATE	: 03/20/2006
Power	: AC 120 V / 60 Hz	TEMPERATURE	: 21deg.C
Mode	: IEEE802.11b, Tx 2412MHz	HUMIDITY	: 25%
Remarks	: Hor Z/Ver Y-axis	ENGINEER	: Mitsuru Fujimura

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.0	55.0	53.7	30.5	36.3	2.3	0.0	51.5	50.2	74.0	22.5	23.8
2	2398.0	60.1	58.9	30.5	36.3	2.3	0.0	56.6	55.4	74.0	17.4	18.6
3	4824.0	46.5	46.0	35.3	35.9	3.4	1.4	50.7	50.2	74.0	23.3	23.8
4	7236.0	46.2	45.8	37.7	35.8	4.2	1.2	53.5	53.1	74.0	20.5	20.9
5	9648.0	47.1	46.5	36.6	36.4	4.8	1.0	53.1	52.5	74.0	20.9	21.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	24120.0	48.8	48.9	39.8	35.5	8.2	0.0	51.8	51.9	74.0	22.2	22.1

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.0	42.0	40.7	30.5	36.3	2.3	0.0	38.5	37.2	54.0	15.5	16.8
2	2398.0	48.9	47.4	30.5	36.3	2.3	0.0	45.4	43.9	54.0	8.6	10.1
3	4824.0	32.7	33.5	35.3	35.9	3.4	1.4	36.9	37.7	54.0	17.1	16.4
4	7236.0	32.5	32.5	37.7	35.8	4.2	1.2	39.8	39.8	54.0	14.2	14.2
5	9648.0	33.2	33.2	36.6	36.4	4.8	1.0	39.2	39.2	54.0	14.8	14.9
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	24120.0	35.7	35.7	39.8	35.5	8.2	0.0	38.7	38.7	54.0	15.3	15.3

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission

(ANT: HFS11-SO01, Hitachi / Ch: Mid)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1 Semi Anechoic Chamber

Company	: Sony Computer Entertainment	REPORT NO	: 26HE0182-HO
Equipment	: PSP	REGULATION	: Fcc Part15 Subpart C 15.247(d)
Model	: PSP-1001	TEST DISTANCE	: 3/1m
Sample No.	: 200005508-PSP1001	DATE	: 03/20/2006
Power	: AC 120 V / 60 Hz	TEMPERATURE	: 21deg.C
Mode	: IEEE802.11b, Tx 2437MHz	HUMIDITY	: 25%
Remarks	: Hor Z/Ver Y-axis	ENGINEER	: Mitsuru Fujimura

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1949.5	54.1	50.3	30.8	36.2	2.2	0.0	50.9	47.1	74.0	23.1	26.9
2	4874.3	45.9	53.2	35.6	35.9	3.4	1.4	50.4	57.7	74.0	23.7	16.3
3	7311.0	46.4	46.3	37.7	35.8	4.2	1.1	53.6	53.5	74.0	20.4	20.5
4	9748.0	46.0	46.5	36.5	36.5	4.8	1.1	51.9	52.4	74.0	22.1	21.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	24370.0	48.6	48.3	39.8	35.8	8.3	0.0	51.4	51.1	74.0	22.7	23.0

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1949.5	50.5	44.2	30.8	36.2	2.2	0.0	47.3	41.0	54.0	6.7	13.0
2	4874.3	32.2	40.5	35.6	35.9	3.4	1.4	36.7	45.0	54.0	17.4	9.0
3	7311.0	32.7	32.5	37.7	35.8	4.2	1.1	39.9	39.7	54.0	14.1	14.3
4	9748.0	33.0	33.0	36.5	36.5	4.8	1.1	38.9	38.9	54.0	15.1	15.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	24370.0	35.7	35.7	39.8	35.8	8.3	0.0	38.5	38.5	54.0	15.5	15.5

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission

(ANT: HFS11-SO01, Hitachi / Ch: High)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1 Semi Anechoic Chamber

Company	: Sony Computer Entertainment	REPORT NO	: 26HE0182-HO
Equipment	: PSP	REGULATION	: Fcc Part15 Subpart C 15.247(d)
Model	: PSP-1001	TEST DISTANCE	: 3/1m
Sample No.	: 200005508-PSP1001	DATE	: 03/20/2006
Power	: AC 120 V / 60 Hz	TEMPERATURE	: 21deg.C
Mode	: IEEE802.11b, Tx 2462MHz	HUMIDITY	: 25%
Remarks	: Hor Z/Ver Y-axis	ENGINEER	: Mitsuru Fujimura

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2483.5	52.1	51.3	30.3	36.3	2.4	0.0	48.5	47.7	74.0	25.6	26.3
2	4923.9	48.5	51.6	35.8	35.9	3.4	1.4	53.2	56.3	74.0	20.8	17.7
3	7386.0	45.6	45.7	37.8	35.8	4.2	1.1	52.9	53.0	74.0	21.1	21.0
4	9848.0	45.5	45.6	36.3	36.6	4.9	1.2	51.3	51.4	74.0	22.7	22.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	24620.0	49.5	49.1	39.9	35.8	8.3	0.0	52.4	52.0	74.0	21.6	22.0

AV DETECT (RBW: 1MHz, VBW: 10Hz)

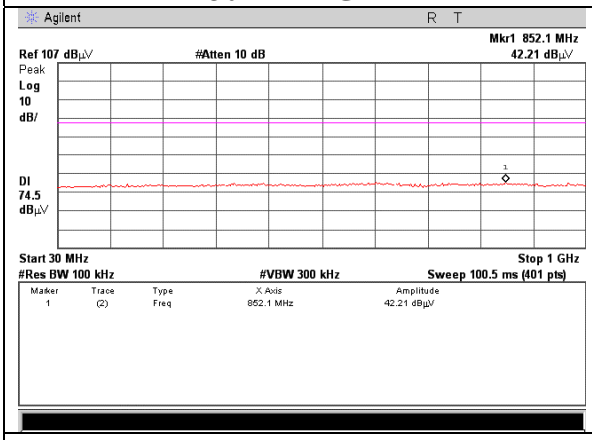
No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2483.5	38.8	38.4	30.3	36.3	2.4	0.0	35.2	34.8	54.0	18.8	19.2
2	4923.9	35.4	38.2	35.8	35.9	3.4	1.4	40.1	42.9	54.0	13.9	11.2
3	7386.0	32.5	32.5	37.8	35.8	4.2	1.1	39.8	39.8	54.0	14.2	14.2
4	9848.0	33.0	32.7	36.3	36.6	4.9	1.2	38.8	38.5	54.0	15.2	15.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	24620.0	36.2	36.3	39.9	35.8	8.3	0.0	39.1	39.2	54.0	14.9	14.9

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

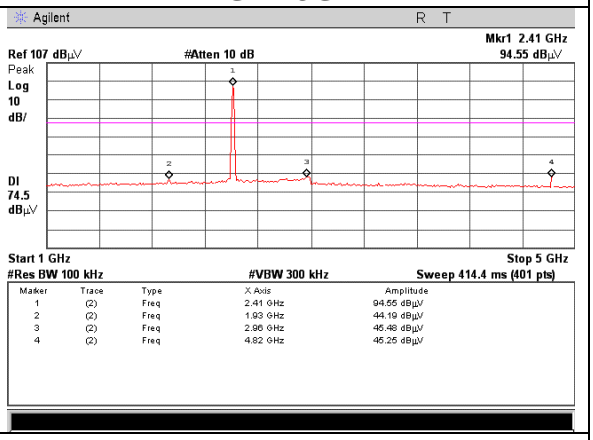
Conducted Spurious Emission

Ch: Low

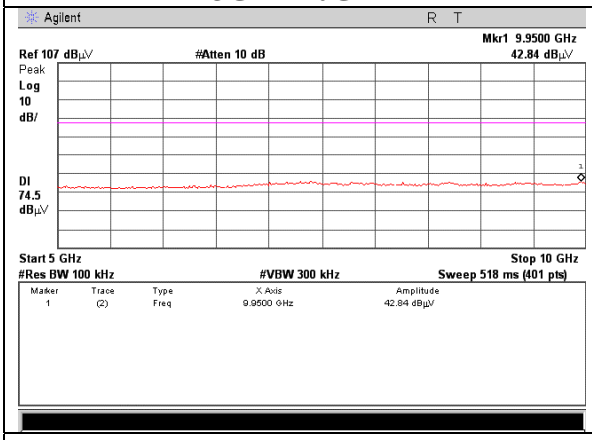
30MHz-1GHz



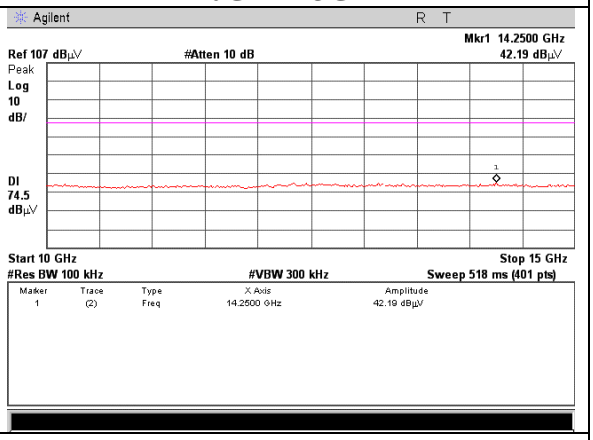
1GHz-5GHz



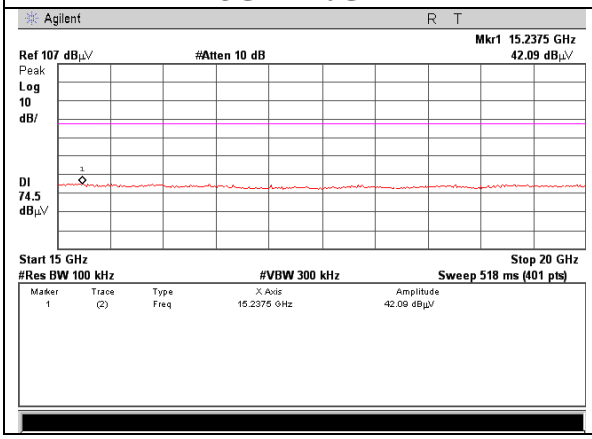
5GHz-10GHz



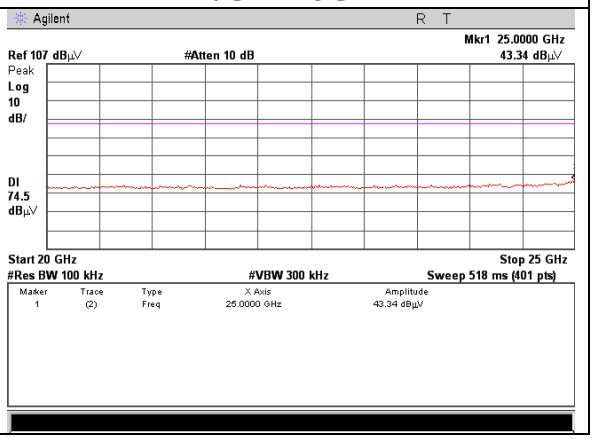
10GHz-15GHz



15GHz-20GHz

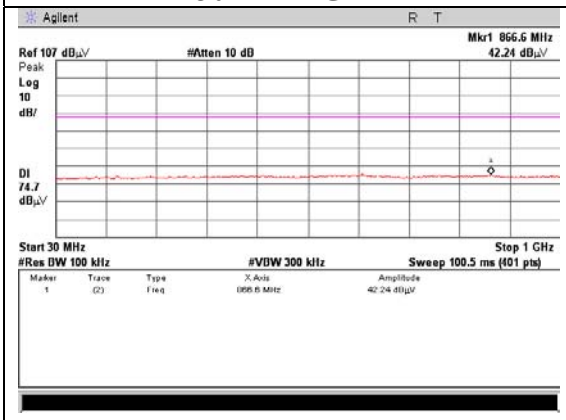


20GHz-25GHz

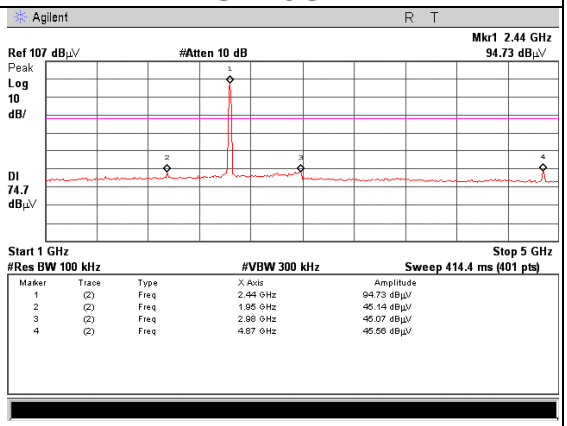


Conducted Spurious Emission
Ch: Mid

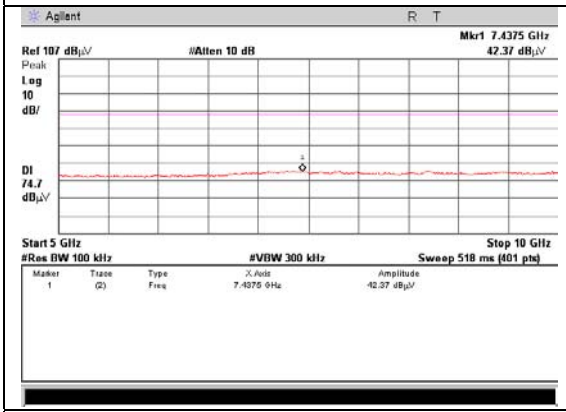
30MHz-1GHz



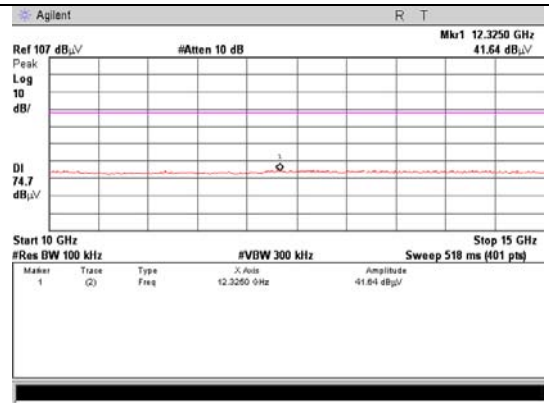
1GHz-5GHz



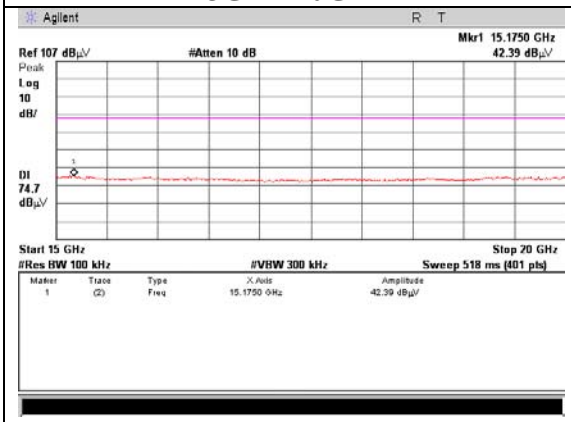
5GHz-10GHz



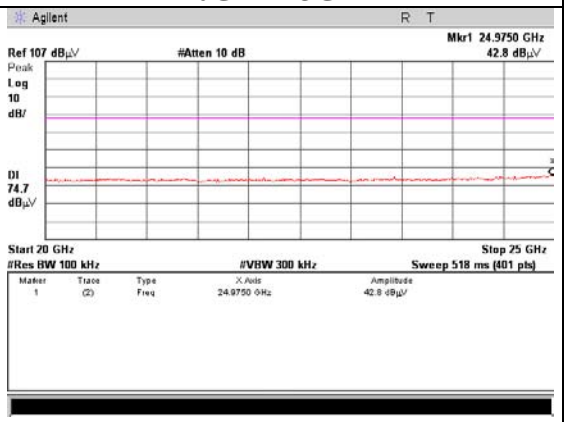
10GHz-15GHz



15GHz-20GHz

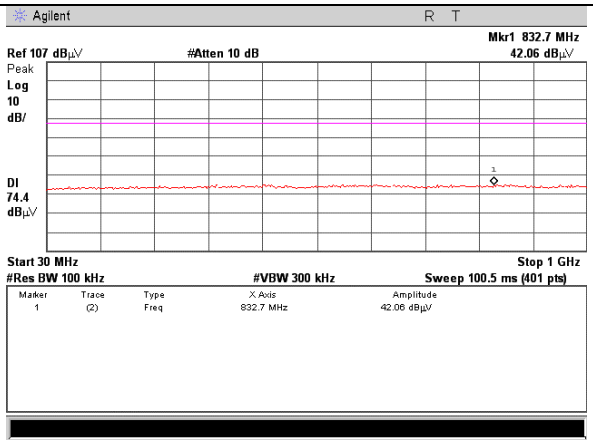


20GHz-25GHz

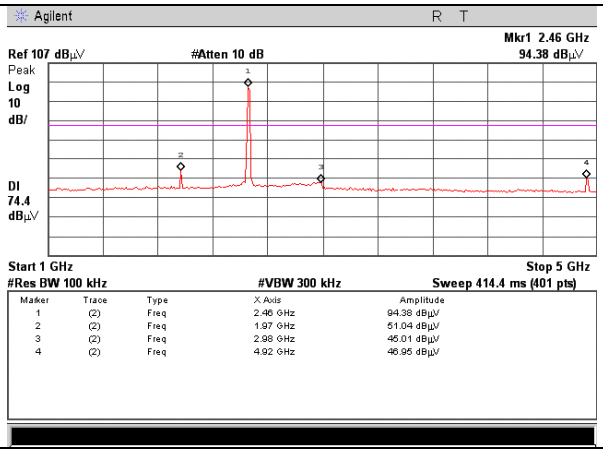


Conducted Spurious Emission
Ch: High

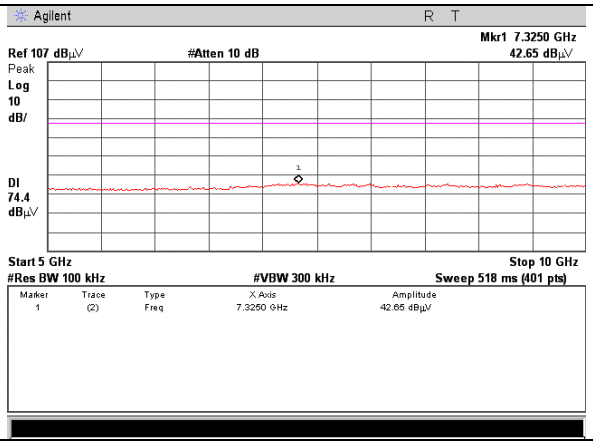
30MHz-1GHz



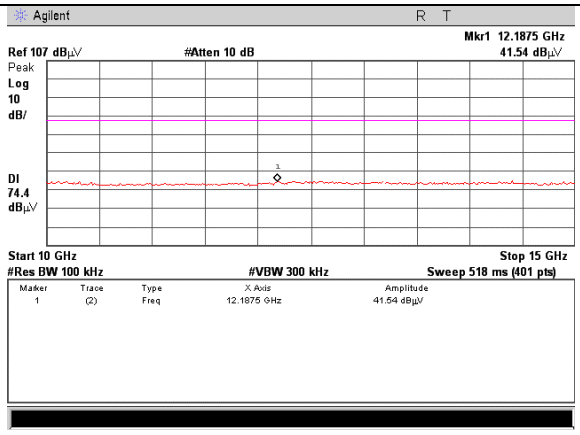
1GHz-5GHz



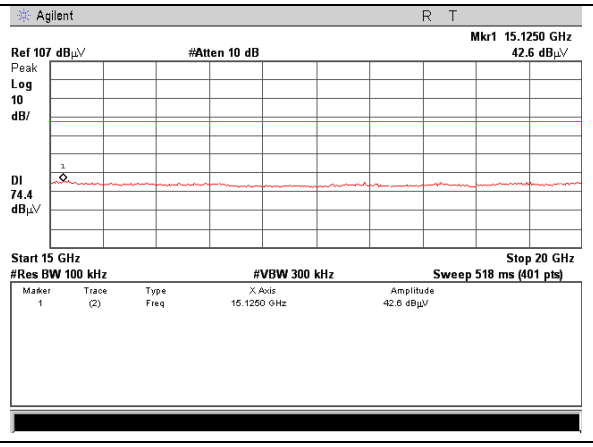
5GHz-10GHz



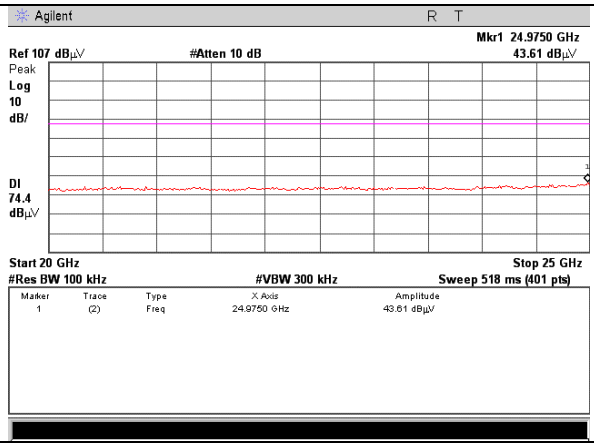
10GHz-15GHz



15GHz-20GHz



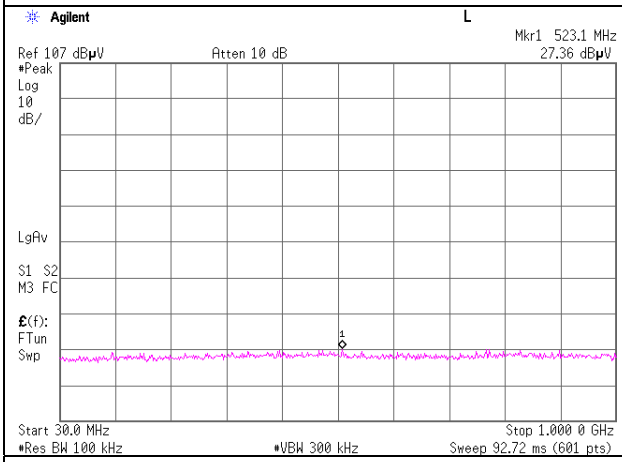
20GHz-25GHz



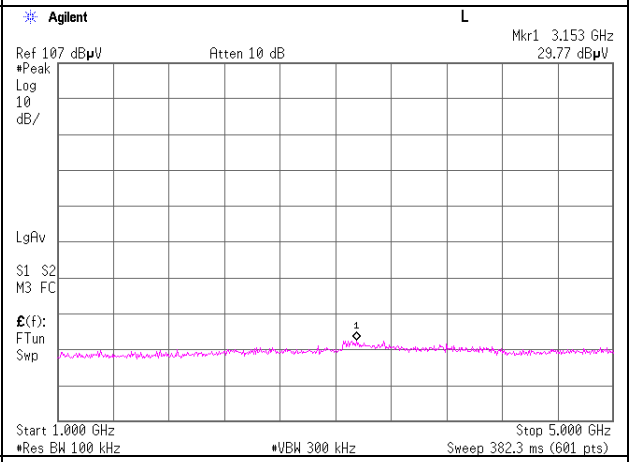
Conducted Spurious Emission

Standby

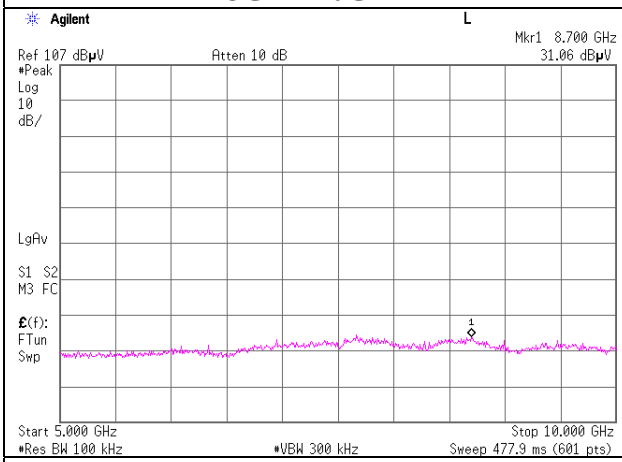
30MHz-1GHz



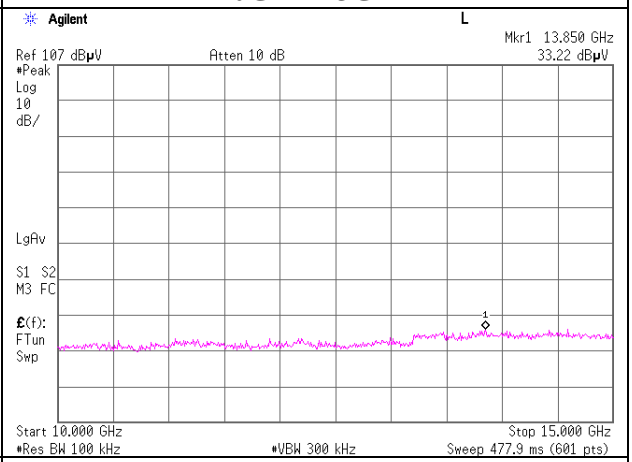
1GHz-5GHz



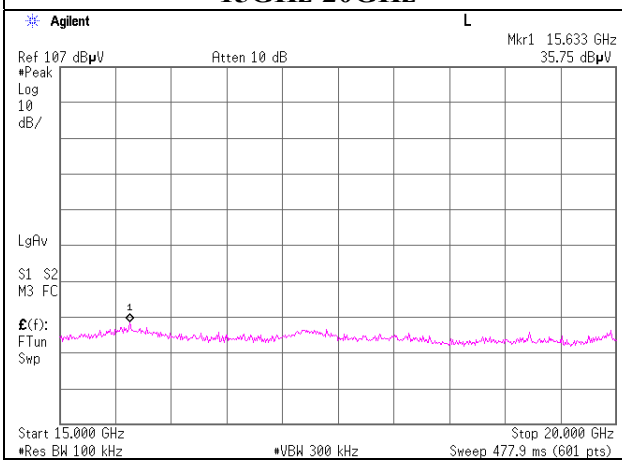
5GHz-10GHz



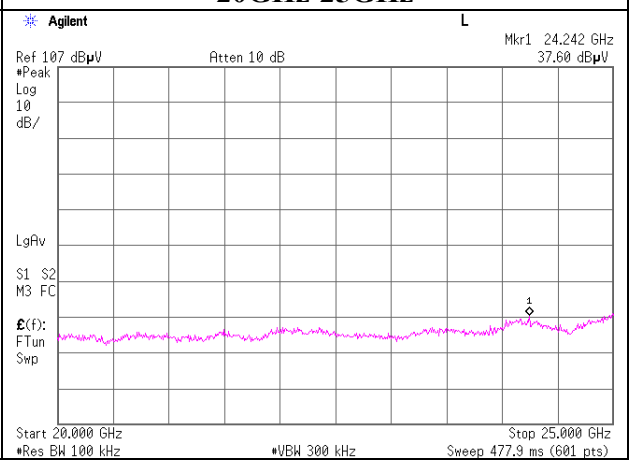
10GHz-15GHz



15GHz-20GHz

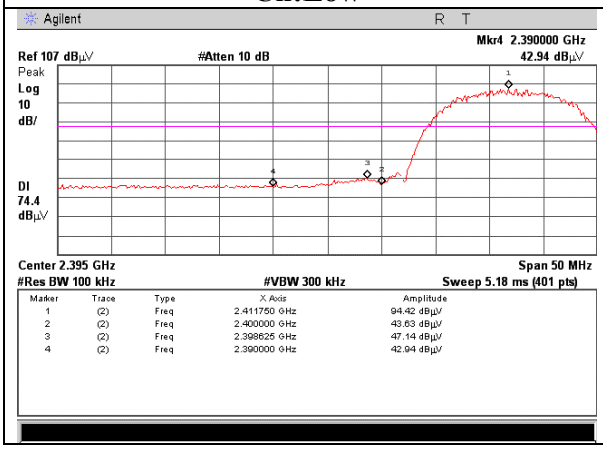


20GHz-25GHz

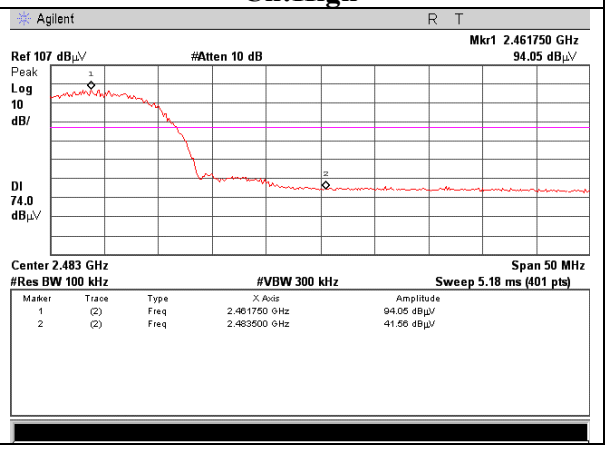


Conducted emission Band Edge compliance

Ch:Low



Ch:High



Power Density

UL Apex Co., Ltd.
Head Office EMC Lab. No.7 Shielded Room

COMPANY	: Sony Computer Entertainment Inc.	REPORT NO.	: 26HE0182-HO
QUIPMENT	: PSP	REGULATION	: FCC Part15 Subpart C 15.247(e)
MODEL	: PSP-1001	TEST DISTANCE	: -
SAMPLE NO.	: 200005478-PSP1001	DATE	: 03/30/2006
POWER	: AC120V/60Hz	TEMPERATURE	: 26℃
MODE	: IEEE802.11b Tx(ch1,6,11)	HUMIDITY	: 32%
		ENGINEER	: Mitsuru Fujimura

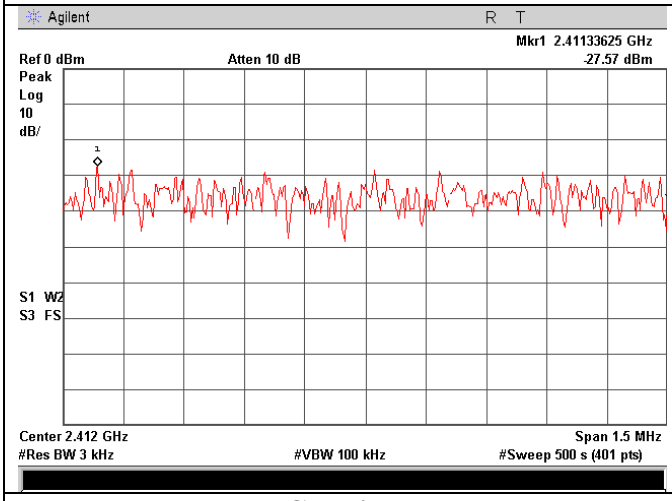
[IEEE802.11b]

Ch	Freq. [MHz]	Reading [dBm]	Cable [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2411.3	-27.57	1.5	10.3	-15.7	8.0	23.7
Mid	2437.7	-27.53	1.5	10.5	-15.5	8.0	23.5
High	2462.4	-27.24	1.5	10.3	-15.4	8.0	23.4

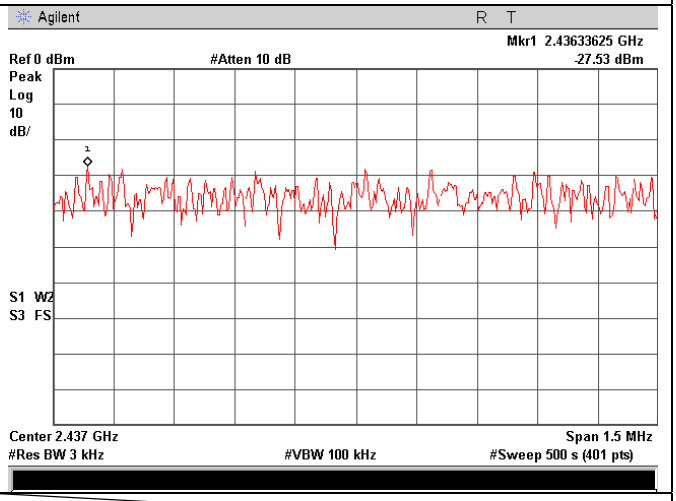
Sample Calculation:
Result = Reading + Cable Loss (spplied by customer) + Attenuator

Power Density

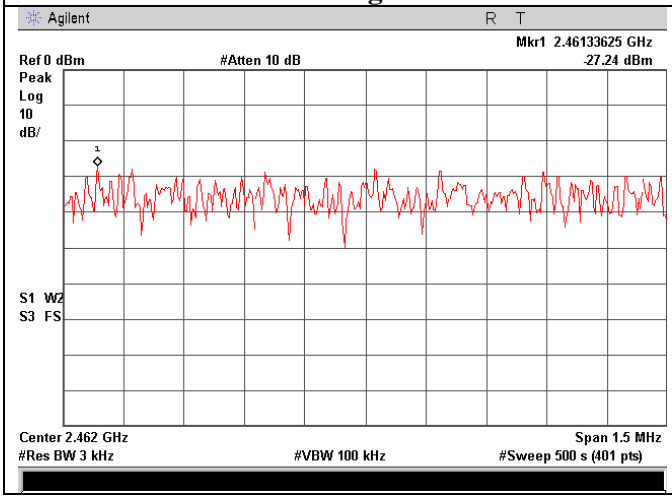
Ch:Low



Ch:Mid

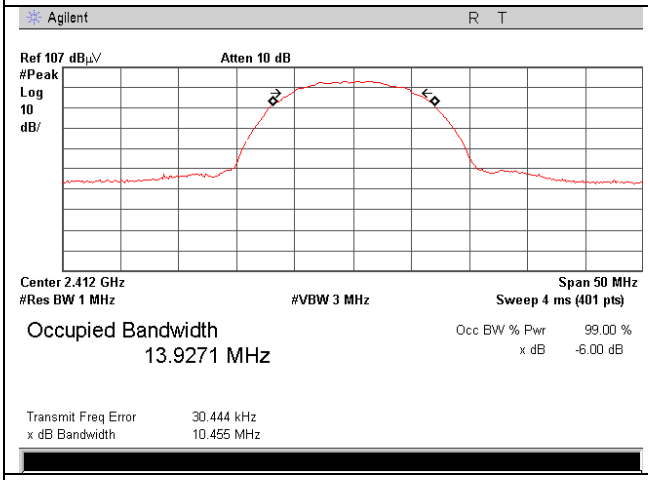


Ch:High

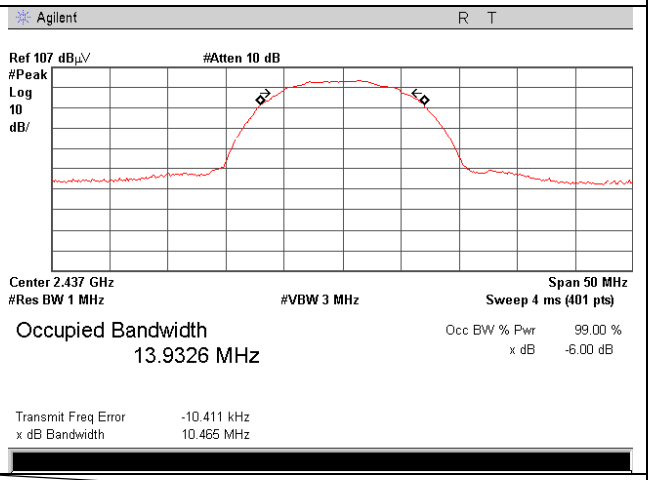


99%Occupied Bandwidth

Ch:Low



Ch:Mid



Ch:High