



EMI TEST REPORT

Test Report No. : 26CE0050-HO-1a

Applicant : Sony Computer Entertainment Inc.
Type of Equipment : PSP
Model No. : PSP-1001
FCC ID : AK8PSP1001B
Test standard : FCC Part 15 Subpart C
Section 15.207, Section 15.247: 2005
Test Result : Complied

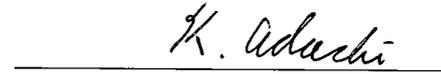
1. This test report shall not be reproduced in full or partial, without the written approval of UL Apex Co., Ltd.
2. The results in this report apply only to the sample tested.
3. This equipment is in compliance with the above regulation. We hereby certify that the data contain a true representation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

Date of test:

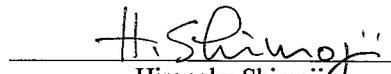
October 11 to 22, 2005

Tested by:


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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	+81-3-6483-8625
Facsimile Number	+81-3-6483-8626
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.		01-TSP110F-0000007-PSP1100, 01-TSP110F-0000051-PSP1100		
Country of Manufacture		Japan		
AC Adapter* ¹⁾	Model Name :	ADP-553SR	ACC-115	-
	Rating (output) :	DC5V	DC5V	-
Battery* ²⁾	Type	Li-ion Battery	Li-ion Battery	Li-ion Battery
	Model Name	PSP-110	PSP-110	PSP-280
	Rating	DC3.6V/1800mAh	DC3.6V/1800mAh	DC3.6V/2200mAh
	Manufacturer	Matsushita	Sony	Sony
Accessories		Earphone, USB cable		
Condition of EUT		Production prototype (Not for sale: This sample is equivalent to mass-produced items.)		
Operation Clock		44MHz		
Receipt Date of Sample		October 11, 2005		
Category Identified		Portable device		

*¹⁾: AC Adapter: Either ADP-553SR or ACC-115 will be included in the same package of PSP-1001.

*²⁾: Battery: Any one of PSP-110(Matsushita), PSP-110(Sony), or PSP-280 will be included in the same package of PSP-1001.

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2.2 Product Description

Radio Specification

Wireless LAN Module (IEEE802.11b)

Equipment Type	Transceiver
Frequency of Operation	2412-2462 MHz
Intermediate frequency	2437MHz
Type of Modulation	DSSS
Mode of Operation	Simplex
Method of frequency generation	Crystal

Antenna

Antenna model * ³⁾	UBA-CUW1000	HFS11-SO01
Antenna type	Monopole antenna	Monopole antenna
Antenna Gain	1.0 dBi (Max.)	4.0+/-1.0 dBi

*³⁾ Antenna : Either UBA-CUW1000 or HFS11-SO01 will be installed in PSP-1001.

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.

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SECTION 3: Test specification, procedures & results

3.1 Test Specification

Test Specification : FCC Part15 Subpart C : 2005

Title : FCC 47CFR Part15 Radio Frequency Device Subpart C Intentional Radiators
Section 15.207 Conducted limits : 2005
Section 15.247 Operation within the bands 902-928MHz,
2400-2483.5MHz, and 5725-5850MHz : 2005

3.2 Procedures and results

No.	Item	Specification	Test Procedure	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	13.5dB 0.20100MHz, L, AV&QP	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	See data.	Complied
4	Spurious Emission	<FCC>ANSI C63.4:2003 13. Measurement of intentional radiators <IC>RSS-Gen 4.7	<FCC>Section 15.247 (d) <IC>RSS-210 A8.5	Conducted/ Radiated	N/A	7.3dB 2390.000MHz Hori, AV	Complied
5	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	See data.	Complied
6	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	See data	Complied

Note: UL Apex's EMI Work Procedures No.QPM05 and QPM15.

Uncertainty:

Conducted Emission

The measurement uncertainty (with a 95% confidence level) for this test is ± 1.3 dB.
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 ± 4.5 dB(3m)/ ± 4.7 dB(10m).
The measurement uncertainty (with a 95% confidence level) for this test using Logperiodic antenna is ± 5.2 dB(3m)/ ± 3.8 dB(10m).
The measurement uncertainty (with a 95% confidence level) for this test using Horn antenna is ± 6.6 dB.
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 ± 3.0 dB.

*These tests were also referred to "Guidance on Measurement of Digital Transmission Systems Operating under Section 15.247".

*These tests were performed without any deviations from test procedure except for additions or exclusions.

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3.3 Addition to standards

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

3.4 Test Location

UL Apex Co., Ltd. Head Office EMC Lab. *NVLAP Lab. code: 200572-0
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	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	846015	IC4247A-2	7.5 x 5.8 x 5.2m	4.0 x 4.0m	-
No.3 shielded room	-	-	4.7 x 7.5 x 2.7m	4.7 x 7.5m	-
No.4 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.3 shielded room.

3.5 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
Operation : Transmitting mode(IEEE802.11b)
Low Channel : 2412MHz(Ch1)
Mid Channel : 2437MHz(Ch6)
High Channel : 2462MHz(Ch11)

*Pre-check was performed to determine the worst condition for some tests that can be influenced by Data rate, Antenna, AC Adapter, and Battery (For details, refer to Section 2). The formal test was performed on the condition stated below.

	IEEE802.11b
Conducted emission test	1) Rate : 11Mbps
	2) Antenna : UBA-CUW1000, HFS11-SO01
	3) AC Adapter : ADP-553SR, ACC-115
	4) Battery : PSP-110 (1800mAh/Manufacturer: Matsushita), PSP-110 (1800mAh/Manufacturer:Sony) PSP-280 (2200mA)
Radiated emission test	1) Rate : 11Mbps
	2) Antenna : UBA-CUW1000, HFS11-SO01
	3) AC Adapter : ACC-115
	4) Battery : PSP-110 (1800mAh/Manufacturer:Sony)
Other tests	1) Rate : 11Mbps
	2) Antenna : -
	3) AC Adapter : ACC-115
	4) Battery : PSP-110 (1800mAh/Manufacturer:Sony)

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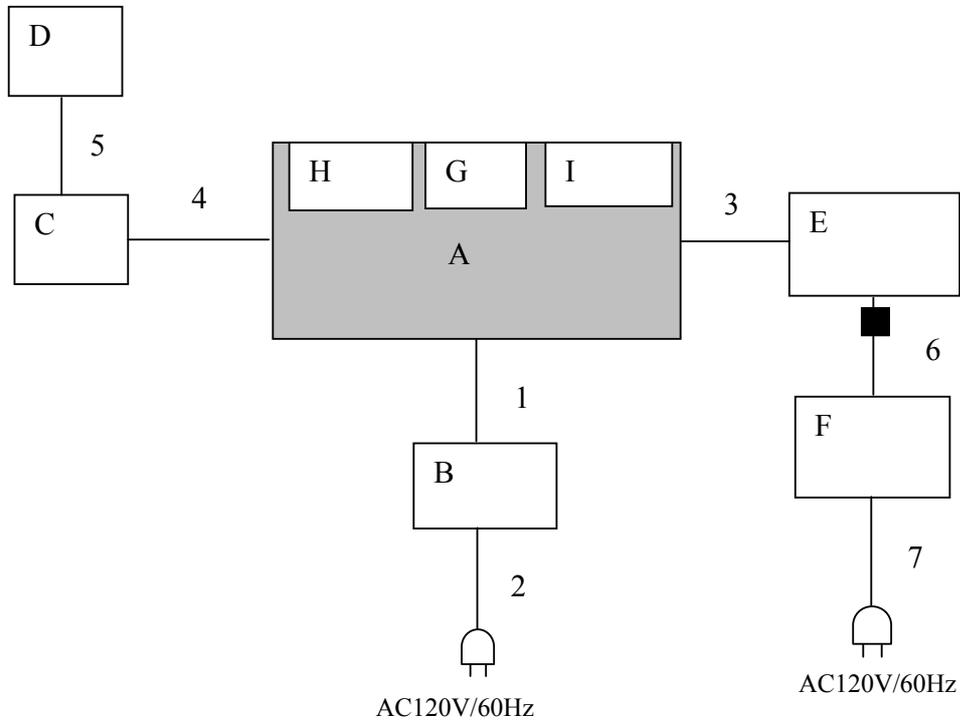
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4.2 Configuration and peripherals



■ : Standard Ferrite Core

*Cabling was 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	1. 01-TSP110F-0000007-PSP1100* 2. 01-TSP110F-0000051-PSP1100**	Sony Computer Entertainment	AK8PSP1001B
B	AC Adapter	ADP-553SR ACC-115	05080408626B 05090000000B	Sony Computer Entertainment	-
C	Remote Controller	PSP-120	-	Sony Computer Entertainment	-
D	Headphones	SPS-130	-	Sony Computer Entertainment	-
E	Think Pad	2371-A3J	KV-FCR37	IBM	-
F	AC Adapter	02K6808	-	IBM	-
G	Memory Stick Duo	MSX-M256	-	SONY	-
H	UMD Disc	-	-	Sony Computer Entertainment	-
I	Battery Pack	PSP-110 (Sony) PSP-110 (Matsushita) PSP-280 (Sony)	-	Sony Computer Entertainment Matsushita Sony Computer Entertainment	-

* 01-TSP110F-0000007-PSP1100 has Antenna, model: UBA-CUW1000.

**01-TSP110F-0000051-PSP1100 has Antenna model, HFS11-SO01.

List of cables used

No.	Name	Length (m)	Shield
1	DC Cable	1.50	N
2	AC Cable	2.00	N
3	USB Cable	0.50	N
4	Remote Control Cable	0.85	N
5	Headphones Cable	1.10	N
6	DC Cable	1.85	Y
7	AC Cable	1.00	N

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SECTION 5: Conducted Emission

Test Procedure and conditions

EUT was placed on a platform of nominal size, 1.0m 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

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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 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	QP: BW 120kHz(T/R)	PK: RBW:1MHz/VBW: 1MHz
IF Bandwidth	20dBc : RBW: 100kHz VBW: 300kHz (S/A)	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

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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 test was made with the spectrum analyzer that has a function of channel-power measurements.
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

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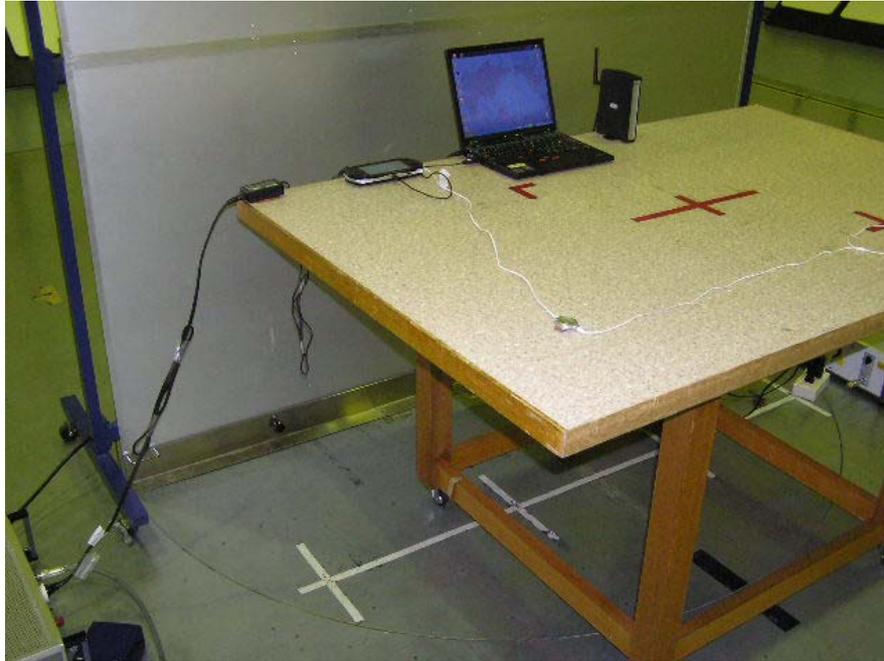
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APPENDIX 1: Photographs of test setup

Conducted Emission
Front



Rear



Spurious Emission (Radiated)
Front



Rear



Worst Case Position (X-axis:Horizontal / X-axis:Vertical)

X-axis



Y-axis



Z-axis



APPENDIX 2:Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAEC-01	Anechoic Chamber	TDK	Semi Anechoic Chamber 10m	RE	2004/11/13 * 12
MTR-01	Test Receiver	Rohde & Schwarz	ESI40	RE	2004/11/12 * 12
MBA-01	Biconical Antenna	Schwarzbeck	BBA9106	RE	2005/10/10 * 12
MLA-01	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2005/10/14 * 12
MPA-04	Pre Amplifier	Agilent	8447D	RE	2005/05/24 * 12
MCC-01	Coaxial Cable 0.1-3000MHz	Suhner/storm/Agilent/TSJ	-	RE	2004/12/19 * 12
MAT-06	Attenuator(6dB)	Weinschel Corp	2	RE	2004/12/16 * 12
MHA-05	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2005/01/10 * 12
MCC-18	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	RE	2005/02/03 * 12
MCC-26	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2005/08/30 * 12
MPA-05	Pre Amplifier	TSJ	TSJ 1-26.5GHz PreAmp	RE	2005/07/08 * 12
MHF-02	High Pass Filter	Tokimec	TF323DCA	RE	2005/09/27 * 12
MAT-24	Attenuator	Agilent	8493C	AT	2005/06/03 * 12
MCC-15	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	AT	2005/02/03 * 12
MPA-01	Pre Amplifier	Agilent	8449B	RE	2005/02/05 * 12
MSA-03	Spectrum Analyzer	Agilent	E4448A	AT	2005/09/16 * 12
MRENT-21	Spectrum Analyzer	Advantest	R3273	AT	2005/08/19 * 12
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	CE	2005/04/11 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	CE(EUT)	2005/02/04 * 12
MLS-07	LISN(AMN)	Schwarzbeck	NSLK8127	CE	2005/02/04 * 12
MTA-01	Termination	TME	CT-01	CE	2005/02/03 * 12
MCC-13	Coaxial Cable	Fujikura/Agilent	-	CE	2005/02/24 * 12
MTR-02	Test Receiver	Rohde & Schwarz	ESCS30	CE	2005/02/02 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	CE	2005/05/19 * 12

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 Measurement

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APPENDIX 3: Data of EMI test

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2005/10/22 00:14:42

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
 Kind of EUT : PSP Power : AC120V/60Hz
 Model No. : PSP-1001 Temp/C/Humi% : 24deg. C / 50%
 Serial No. : 01-TSP1100F-0000051-PSP1100 Operator : Hiroka Umeyama
 Mode / Remarks : IEEE802.11b, Tx, 11Mbps (MAX), Ch:01, ANT:HFS11-S001, AC Adapter:ADP-553SR

LIMIT : FCC15C § 15.207 (QP)
 FCC15C § 15.207 (AV)

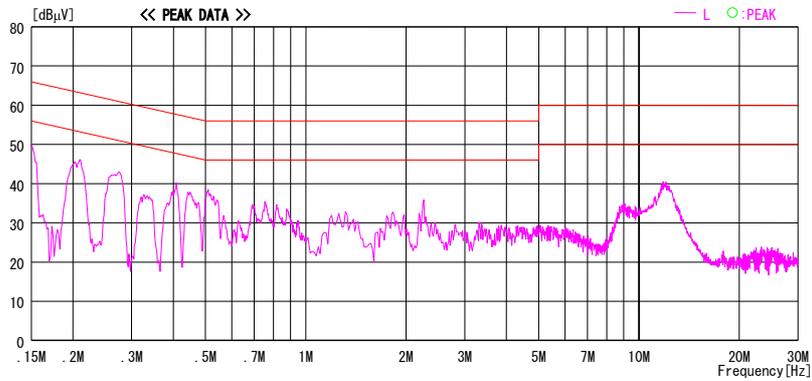
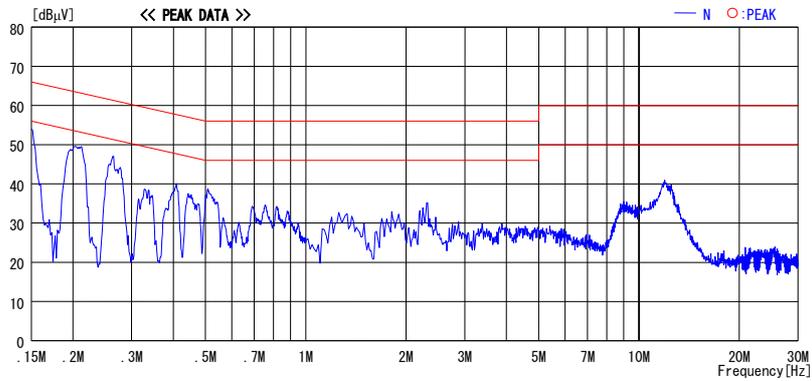


CHART: WITH FACTOR, Peak hold data. Data is uncorrected.
 Except for the above table : adequate margin data below the limits.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
 Date : 2005/10/22 00:22:25

Applicant	: Sony Computer Entertainment Inc.	Report No.	: 26CE0050-HO
Kind of EUT	: PSP	Power	: AC120V/60Hz
Model No.	: PSP-1001	Temp°C/Humi%	: 24deg. C / 50%
Serial No.	: 01-TSP1100F-0000051-PSP1100	Operator	: Hiroka Umeyama

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:01, ANT:HFS11-S001, AC Adapter:ACC-115

LIMIT : FCC15C § 15.207 (QP)
 FCC15C § 15.207 (AV)

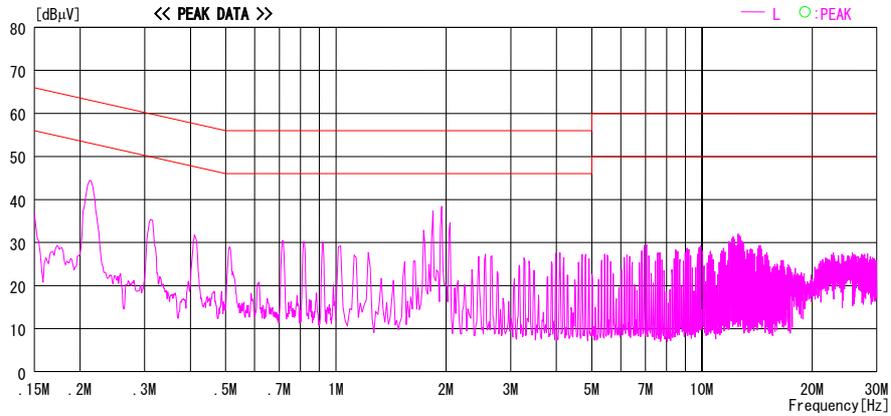
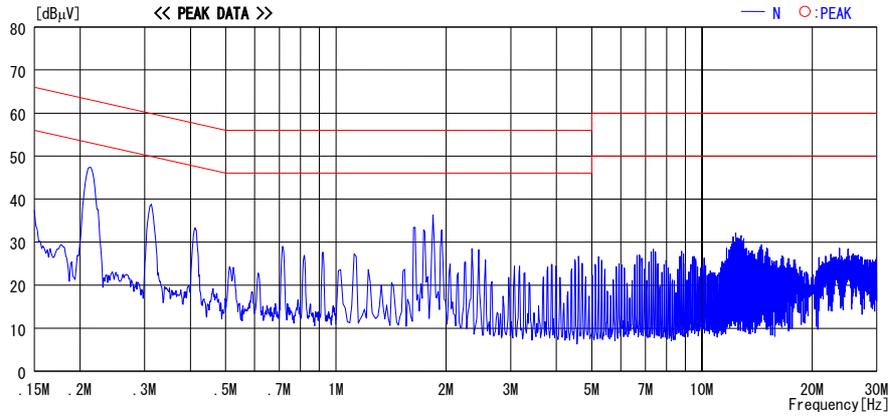


CHART:WITH FACTOR,Peak hold data.Data is uncorrected.
 Except for the above table : adequate margin data below the limits.

Conducted Emission

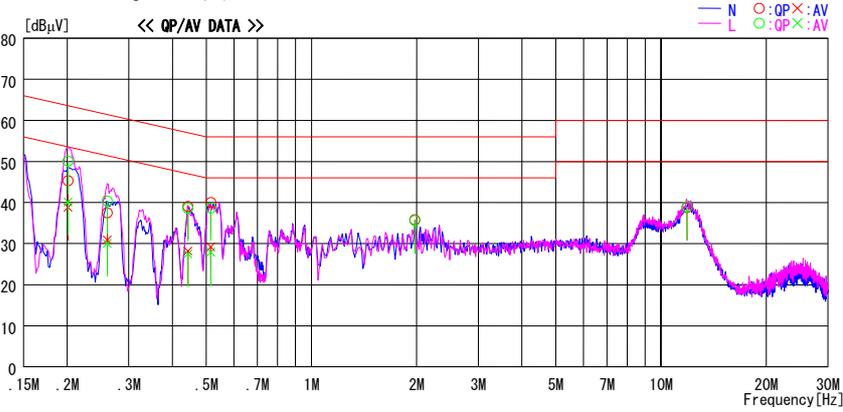
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
 Date : 2005/10/22 00:51:16

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
 Kind of EUT : PSP Power : AC120V/60Hz
 Model No. : PSP-1001 Temp°C/Humi% : 24deg. C / 50%
 Serial No. : 01-TSP1100F-0000007-PSP1100 Operator : Hiroka Umeyama

Mode / Remarks : IEEE802.11b, Tx, 11Mbps (MAX), Ch:01, ANT:UBA-CUW1000, AC Adapter:ADP-553SR

LIMIT : FCC15C § 15.207 (QP)
 FCC15C § 15.207 (AV)



Frequency [MHz]	Reading Level		Corr. Factor	Results		Limit		Margin		Phase
	QP [dBµV]	AV [dBµV]		QP [dBµV]	AV [dBµV]	QP [dBµV]	AV [dBµV]	QP [dBµV]	AV [dBµV]	
0.20100	45.2	38.7	0.1	45.3	38.8	63.6	53.6	18.3	14.8	N
0.26050	37.4	30.8	0.1	37.5	30.9	61.4	51.4	23.9	20.5	N
0.44325	39.0	28.1	0.1	39.1	28.2	57.0	47.0	17.9	18.8	N
0.51550	39.8	29.0	0.2	40.0	29.2	56.0	46.0	16.0	16.8	N
1.97500	35.3	---	0.5	35.8	---	56.0	---	20.2	---	N
11.85760	37.5	---	1.3	38.8	---	60.0	---	21.2	---	N
0.20100	50.0	40.0	0.1	50.1	40.1	63.6	53.6	13.5	13.5	L
0.26050	40.3	29.9	0.1	40.4	30.0	61.4	51.4	21.0	21.4	L
0.44325	38.5	27.4	0.1	38.6	27.5	57.0	47.0	18.4	19.5	L
0.51550	38.5	27.7	0.2	38.7	27.9	56.0	46.0	17.3	18.1	L
1.97500	35.1	---	0.5	35.6	---	56.0	---	20.4	---	L
11.85760	37.7	---	1.3	39.0	---	60.0	---	21.0	---	L

CHART: WITH FACTOR, Peak hold data. Data is uncorrected.
 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.2 Semi Anechoic Chamber
 Date : 2005/10/22 01:17:23

Applicant : Sony Computer Entertainment Inc.	Report No. : 26CE0050-HO
Kind of EUT : PSP	Power : AC120V/60Hz
Model No. : PSP-1001	Temp°C/Humi% : 24deg. C / 50%
Serial No. : 01-TSP1100F-0000007-PSP1100	Operator : Hiroka Umeyama

Mode / Remarks : IEEE802.11b, Tx, 11Mbps (MAX), Ch:06, ANT:UBA-CUW1000, AC Adapter:ADP-553SR

LIMIT : FCC15C § 15.207 (QP)
 FCC15C § 15.207 (AV)

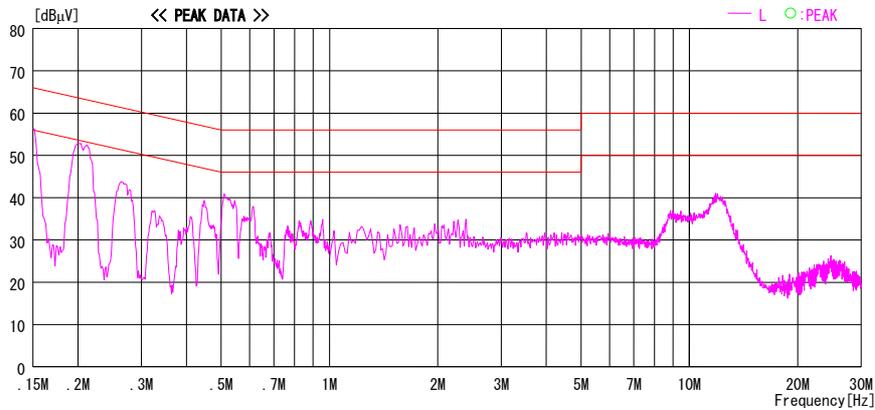
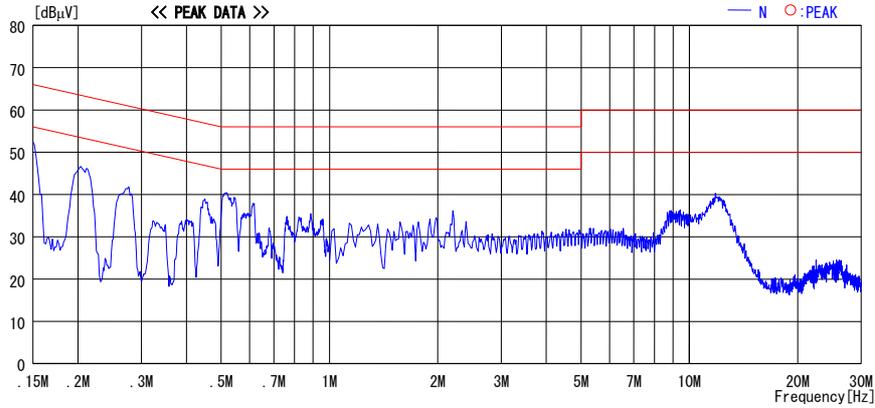


CHART: WITH FACTOR, Peak hold data. Data is uncorrected.
 Except for the above table : adequate margin data below the limits.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2005/10/22 01:34:12

Applicant	: Sony Computer Entertainment Inc.	Report No.	: 26CE0050-HO
Kind of EUT	: PSP	Power	: AC120V/60Hz
Model No.	: PSP-1001	Temp°C/Humi%	: 24deg. C / 50%
Serial No.	: 01-TSP1100F-0000007-PSP1100	Operator	: Hiroka Umeyama

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:11, ANT:UBA-CUW1000, AC Adapter:ADP-553SR

LIMIT : FCC15C §15.207 (QP)
 FCC15C §15.207 (AV)

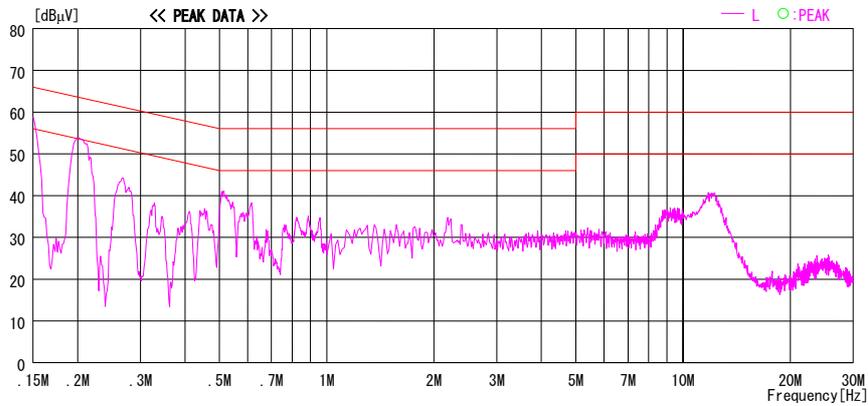
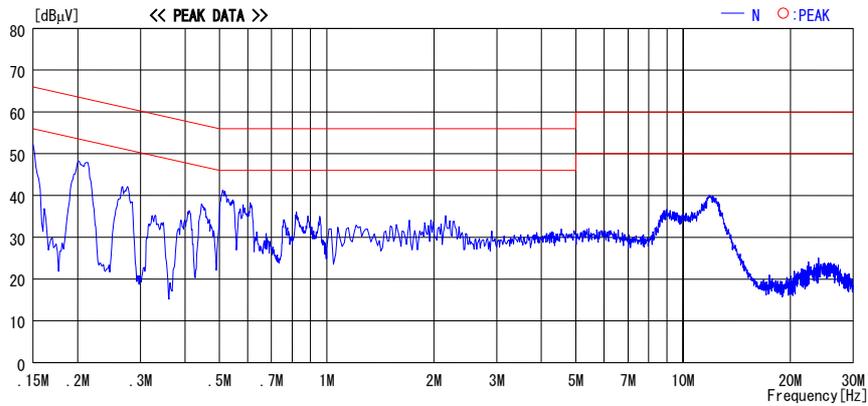


CHART:WITH FACTOR,Peak hold data.Data is uncorrected.
 Except for the above table : adequate margin data below the limits.

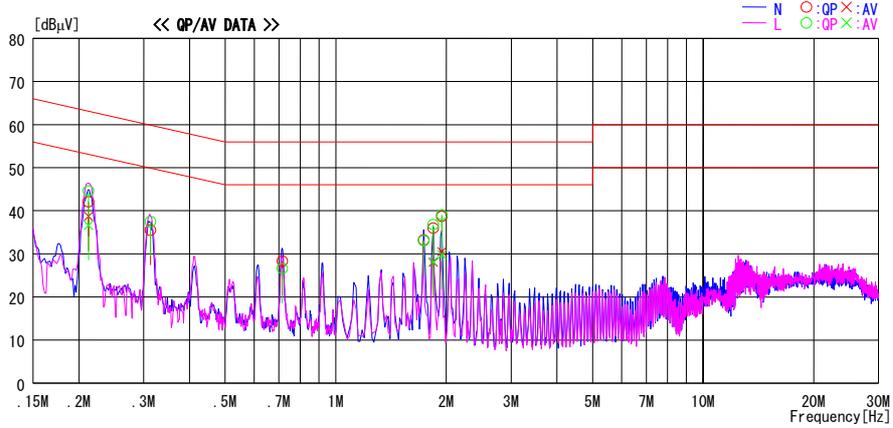
Conducted Emission

DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
 Date : 2005/10/22 02:27:11

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
 Kind of EUT : PSP Power : AC120V/60Hz
 Model No. : PSP-1001 Temp°C/Humi% : 24deg. C / 50%
 Serial No. : 01-TSP1100F-0000007-PSP1100 Operator : Hiroka Umeyama
 Mode / Remarks : IEEE802.11b, Tx, 11Mbps (MAX), Ch:01, ANT:UBA-CUW1000, AC Adapter:ACC-115

LIMIT : FCC15C § 15.207 (QP)
 FCC15C § 15.207 (AV)



Frequency [MHz]	Reading Level		Corr. Factor	Results		Limit		Margin		Phase
	QP [dBμV]	AV [dBμV]		QP [dBμV]	AV [dBμV]	QP [dBμV]	AV [dBμV]	QP [dBμV]	AV [dBμV]	
0.21233	42.0	38.6	0.1	42.1	38.7	63.1	53.1	21.0	14.4	N
0.31292	35.4	---	0.1	35.5	---	59.9	---	24.4	---	N
0.71525	28.0	---	0.3	28.3	---	56.0	---	27.7	---	N
1.73500	32.7	---	0.5	33.2	---	56.0	---	22.8	---	N
1.84000	35.5	27.5	0.5	36.0	28.0	56.0	46.0	20.0	18.0	N
1.94500	38.2	30.0	0.5	38.7	30.5	56.0	46.0	17.3	15.5	N
0.21233	44.5	36.5	0.1	44.6	36.6	63.1	53.1	18.5	16.5	L
0.31292	37.4	---	0.1	37.5	---	59.9	---	22.4	---	L
0.71525	26.3	---	0.3	26.6	---	56.0	---	29.4	---	L
1.73500	32.6	---	0.5	33.1	---	56.0	---	22.9	---	L
1.84000	36.3	27.7	0.5	36.8	28.2	56.0	46.0	19.2	17.8	L
1.94500	38.6	29.3	0.5	39.1	29.8	56.0	46.0	16.9	16.2	L

CHART: WITH FACTOR, Peak hold data. Data is uncorrected.
 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. 2 Semi Anechoic Chamber
 Date : 2005/10/22 02:20:45

Applicant	: Sony Computer Entertainment Inc.	Report No.	: 26CE0050-HO
Kind of EUT	: PSP	Power	: AC120V/60Hz
Model No.	: PSP-1001	Temp°C/Humi%	: 24deg.C / 50%
Serial No.	: 01-TSP1100F-0000007-PSP1100	Operator	: Hiroka Umeyama

Mode / Remarks : IEEE802.11b, Tx, 11Mbps (MAX), Ch:06, ANT:UBA-CUW1000, AC Adapter:ACC-115

LIMIT : FCC15C § 15.207 (QP)
 FCC15C § 15.207 (AV)

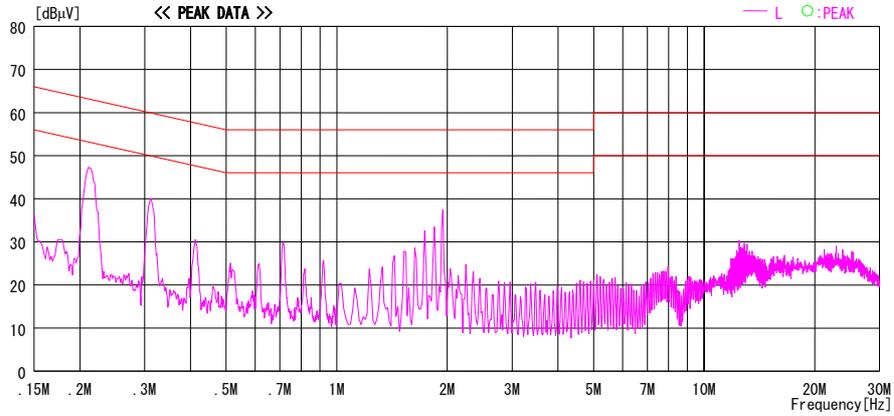
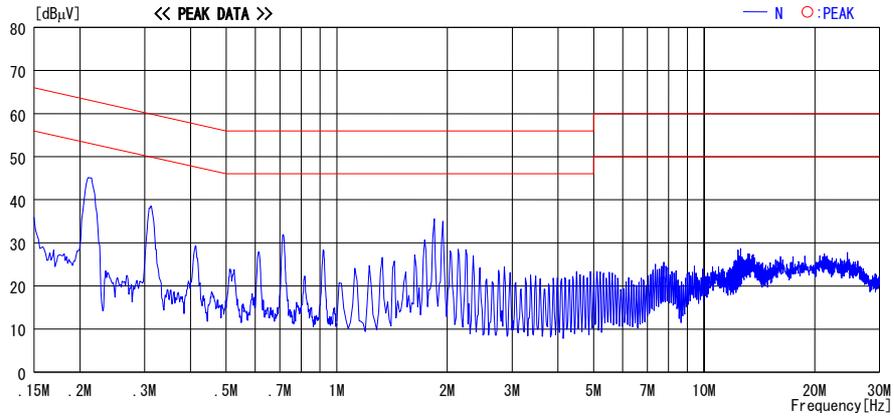


CHART:WITH FACTOR, Peak hold data. Data is uncorrected.
 Except for the above table : adequate margin data below the limits.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2005/10/22 02:13:54

Applicant	: Sony Computer Entertainment Inc.	Report No.	: 26CE0050-HO
Kind of EUT	: PSP	Power	: AC120V/60Hz
Model No.	: PSP-1001	Temp°C/Humi%	: 24deg. C / 50%
Serial No.	: 01-TSP1100F-0000007-PSP1100	Operator	: Hiroka Umeyama

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:11, ANT:UBA-CUW1000, AC Adapter:ACC-115

LIMIT : FCC15C § 15.207 (QP)
FCC15C § 15.207 (AV)

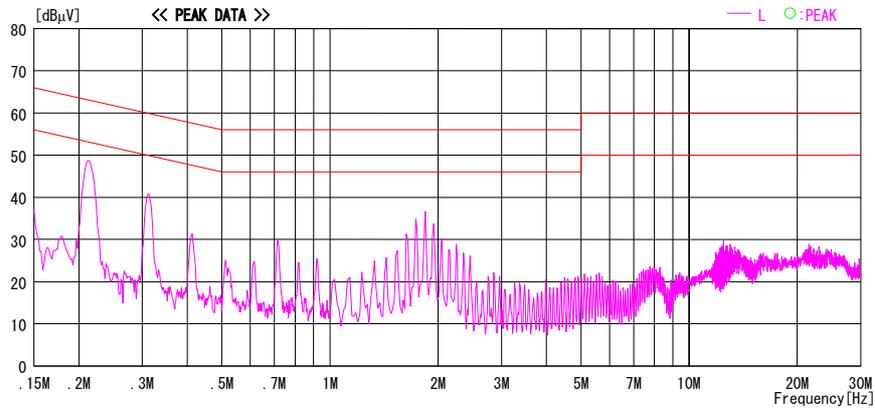
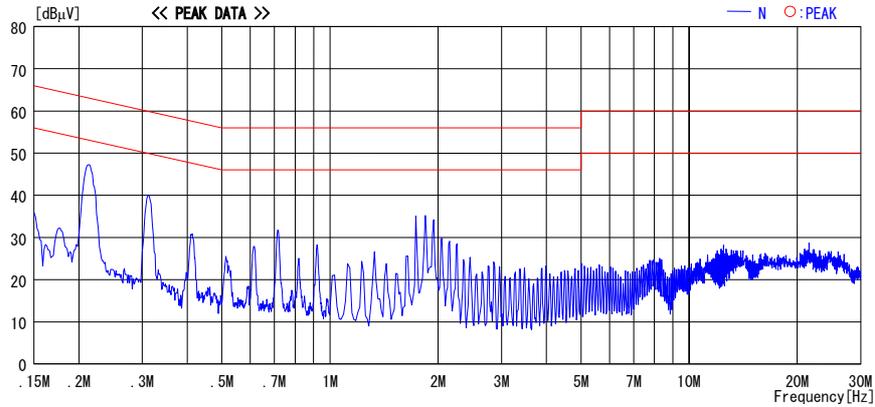


CHART:WITH FACTOR,Peak hold data.Data is uncorrected.
Except for the above table : adequate margin data below the limits.

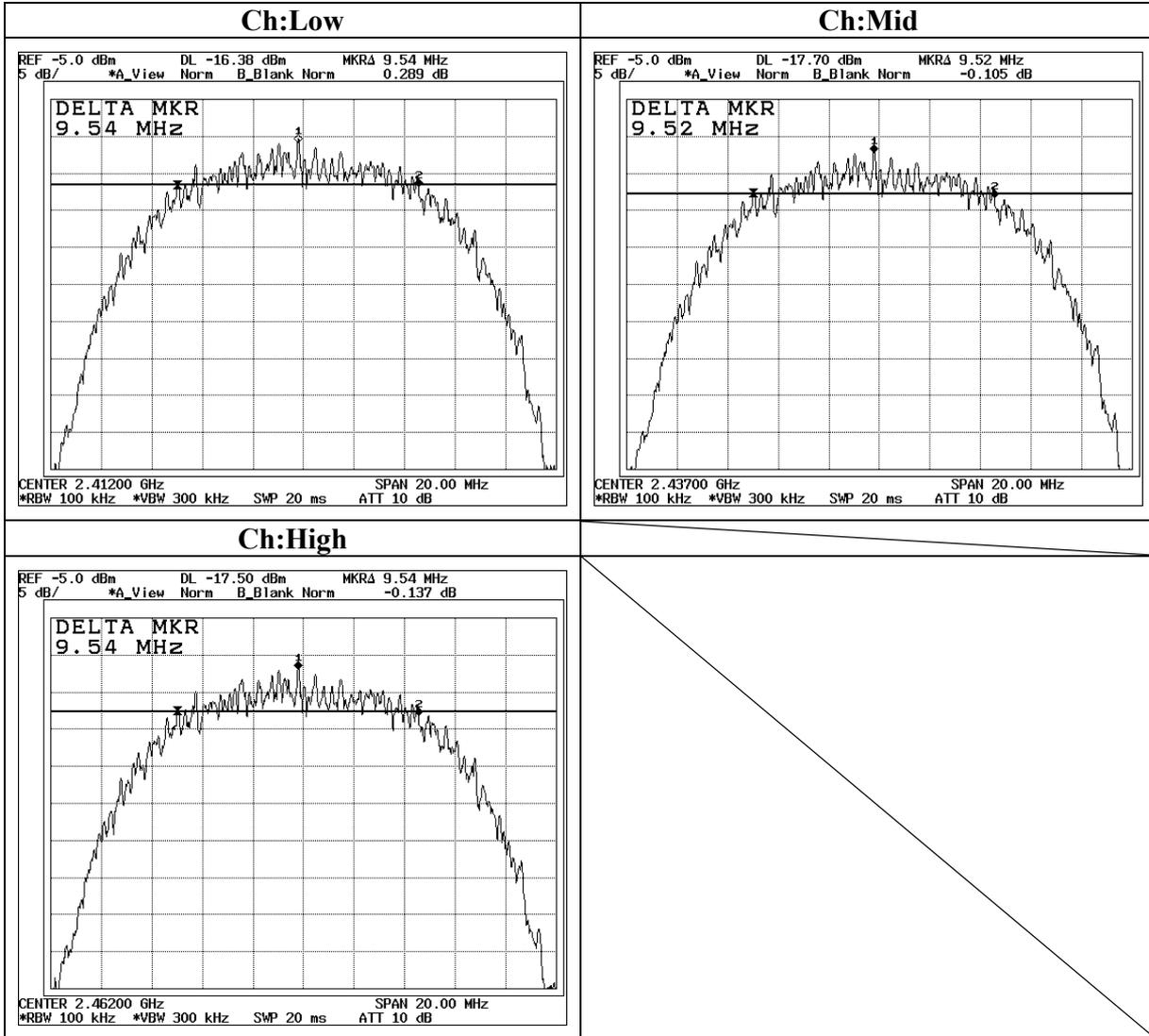
6dB Bandwidth

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

Company	: Sony Computer Entertainment Inc.	REPORT NO	: 26CE0050-HO
Equipment	: PSP	REGULATION	: Fcc Part15 Subpart C 15.247(a)(2)
Model	: PSP-1001	TEST DISTANCE	: -
Sample No.	: 01-TSP1100F-0000007-PSP1100	DATE	: 10/14/2005
Power	: AC120V/60Hz	TEMPERATURE	: 25°C
Mode	: Tx(ch1,6,11)	HUMIDITY	: 57%
		ENGINEER	: Hiroka Umeyama

Ch	Freq.	6dB Bandwidth	Limit
	[MHz]	[MHz]	[kHz]
Low	2412.0	9.540	500.0
Mid	2437.0	9.520	500.0
High	2462.0	9.540	500.0

6dB Bandwidth



Maximum Peak Output Power

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

Company : Sony Computer Entertainment Inc. REPORT NO : 26CE0050-HO
Equipment : PSP REGULATION : Fcc Part15 Subpart C 15.247(b)(3)
Model : PSP-1001 TEST DISTANCE : -
Sample No. : 01-TSP1100F-0000007-PSP1100 DATE : 10/11/2005
Power : AC120V/60Hz TEMPERATURE : 21°C
Mode : Tx(ch1,6,11) HUMIDITY : 61%
ENGINEER : Hiroka Umeyama

Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2412.0	3.09	1.40	10.00	14.49	30.00	15.51
Mid	2437.0	3.06	1.40	10.00	14.46	30.00	15.54
High	2462.0	3.30	1.40	10.00	14.70	30.00	15.30

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.

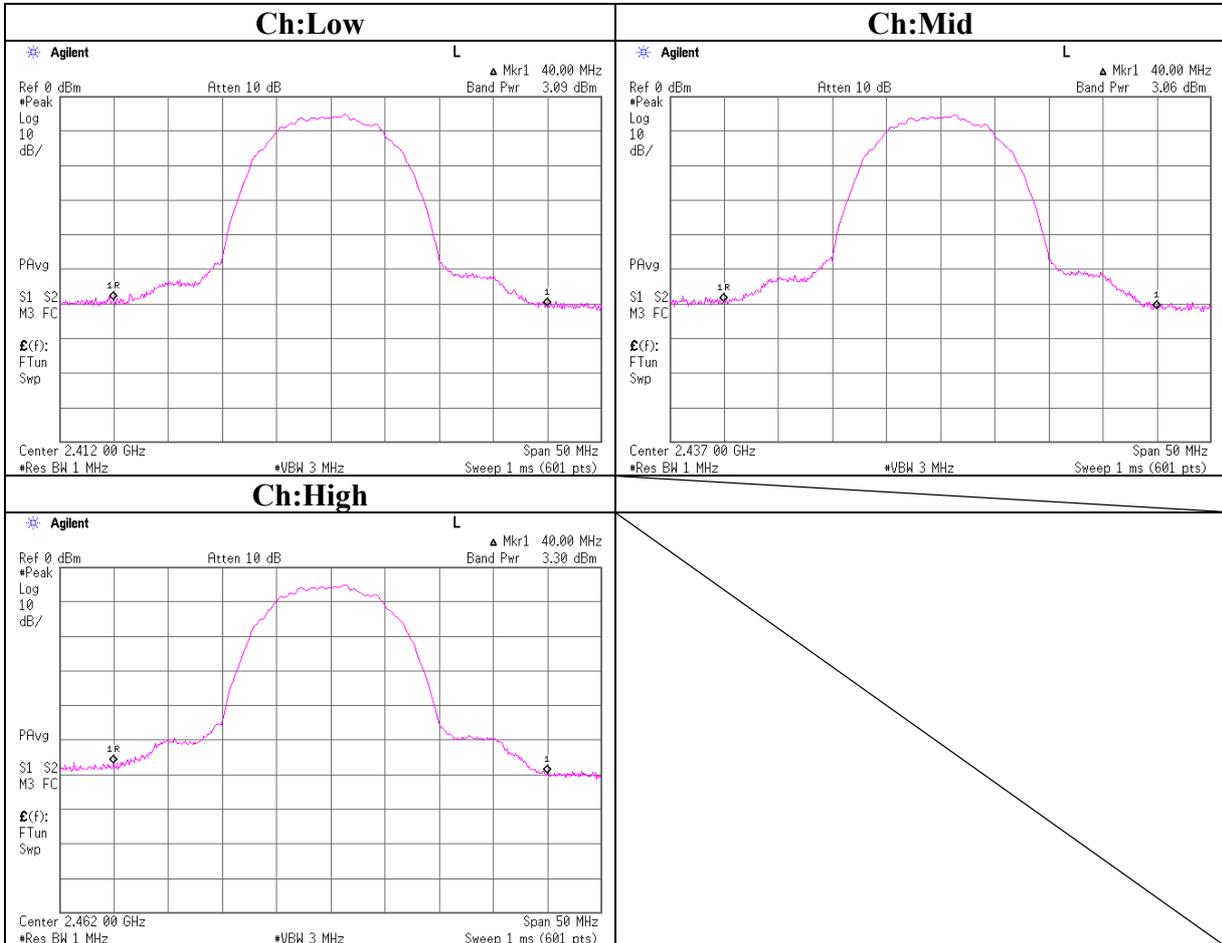
[Reference Data for SAR testing]

[11b /11Mbps] EUT S/N: 01-TSP1100F-0000051-PSP1100(ANT.HFS11-SO01)						
Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Converted [mW]
Low	2412.0	3.09	1.40	10.00	14.49	28.12
Mid	2437.0	3.09	1.40	10.00	14.49	28.12
High	2462.0	3.23	1.40	10.00	14.63	29.04

[11b /Check of data rate] EUT S/N: 01-TSP1100F-0000007-PSP1100					
Rate [Mbps]	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]
11.0	2437.0	3.06	1.40	10.00	14.46
5.5	2437.0	1.42	1.40	10.00	12.82
2.0	2437.0	-0.24	1.40	10.00	11.16
1.0	2437.0	-0.03	1.40	10.00	11.37

[11b /Check of data rate] EUT S/N: 01-TSP1100F-0000051-PSP1100					
Rate [Mbps]	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]
11.0	2437.0	3.09	1.40	10.00	14.49
5.5	2437.0	1.40	1.40	10.00	12.80
2.0	2437.0	-0.19	1.40	10.00	11.21
1.0	2437.0	-0.01	1.40	10.00	11.39

Maximum Peak Output Power



Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
 (Antenna: UBA-CUW1000, Ch.: Low, Below1GHz)

DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
 Date : 2005/10/12 03:02:40

Applicant : Sony Computer Entertainment Inc.	Report No. : 26CE0050-HO
Kind of EUT : PSP	Power : AC120V / 60Hz
Model No. : PSP-1001	Temp./Humi. : 24deg.C. / 60%
Serial No. : 01-TSP1100F-0000007-PSP1100	Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:01, MAX-axis(H:X,V:X) ANT: UBA-CUW1000, AC Adapter:ACC-115,

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
 Except for the data below : adequate margin data below the limits.

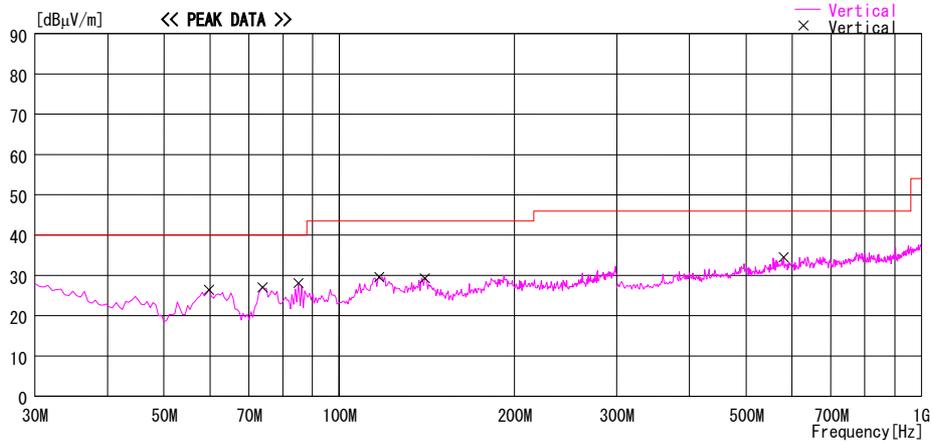
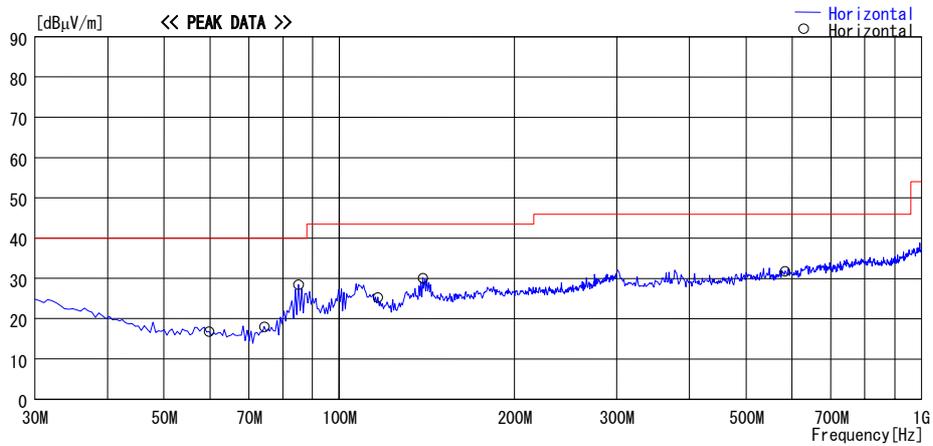


CHART: WITH FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
 CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)
 Except for the data below : adequate margin data below the limits.

Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: UBA-CUW1000, Ch.: Mid, Below1GHz)

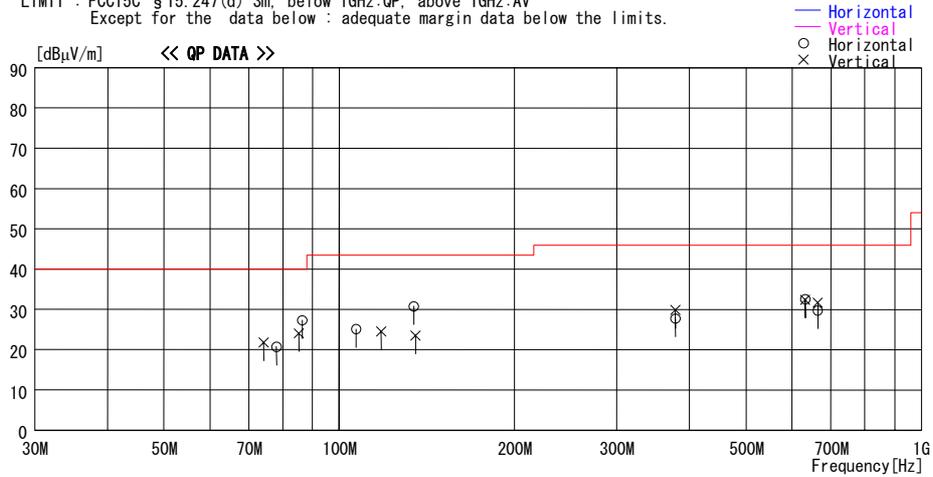
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/12 03:11:43

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg. C. / 60%
Serial No. : 01-TSP1100F-0000007-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:06, MAX-axis(H:X,V:X) ANT: UBA-CUW1000, AC Adapter:ACC-115,

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit	
			Factor [dB/m]	Loss&Gain [dB]					[dBuV/m]	[dB]
74.192	35.2	QP	6.8	-20.2	21.8	262	100	Vert.	40.0	18.2
78.023	34.2	QP	6.7	-20.2	20.7	274	262	Hori.	40.0	19.3
85.284	36.5	QP	7.5	-19.9	24.1	338	100	Vert.	40.0	15.9
86.434	39.5	QP	7.7	-19.9	27.3	221	357	Hori.	40.0	12.7
106.883	33.4	QP	11.2	-19.5	25.1	43	307	Hori.	43.5	18.4
118.044	31.1	QP	12.7	-19.3	24.5	276	100	Vert.	43.5	19.0
134.286	35.9	QP	14.0	-19.1	30.8	238	237	Hori.	43.5	12.7
135.194	28.5	QP	14.1	-19.1	23.5	331	100	Vert.	43.5	20.0
377.756	29.6	QP	17.3	-17.0	29.9	0	145	Vert.	46.0	16.1
377.779	27.4	QP	17.3	-17.0	27.7	272	100	Hori.	46.0	18.3
631.700	29.1	QP	20.2	-16.7	32.6	71	144	Hori.	46.0	13.4
631.700	28.9	QP	20.2	-16.7	32.4	166	100	Vert.	46.0	13.6
664.003	25.8	QP	20.5	-16.5	29.8	176	135	Hori.	46.0	16.2
664.003	27.7	QP	20.5	-16.5	31.7	60	100	Vert.	46.0	14.3

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)
Except for the data below : adequate margin data below the limits.

Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
 (Antenna: UBA-CUW1000, Ch.: High, Below1GHz)

DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
 Date : 2005/10/12 03:20:23

Applicant	: Sony Computer Entertainment Inc.	Report No.	: 26CE0050-HO
Kind of EUT	: PSP	Power	: AC120V / 60Hz
Model No.	: PSP-1001	Temp./Humi.	: 24deg.C. / 60%
Serial No.	: 01-TSP1100F-0000007-PSP1100	Operator	: Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:11, MAX-axis(H:X,V:X) ANT: UBA-CUW1000, AC Adapter:ACC-115,

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
 Except for the data below : adequate margin data below the limits.

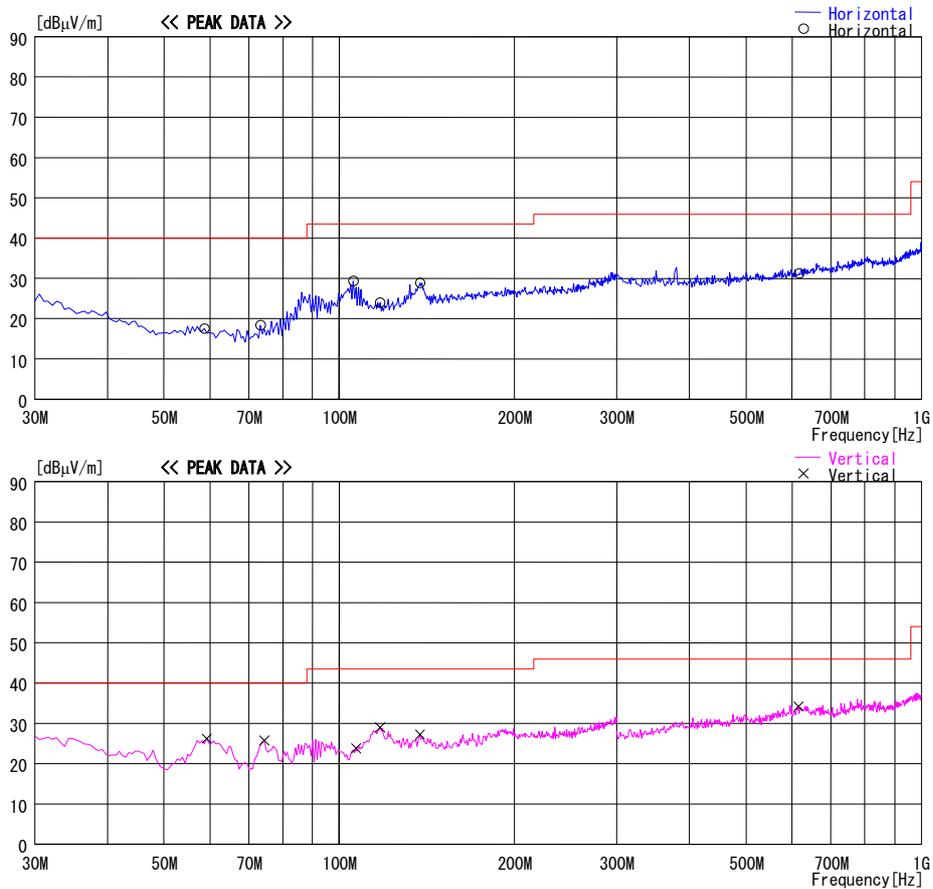


CHART:WITH FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
 CALCULATION:RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)
 Except for the data below : adequate margin data below the limits.

Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: HFS11-SO01, Ch.: Low, Below1GHz)

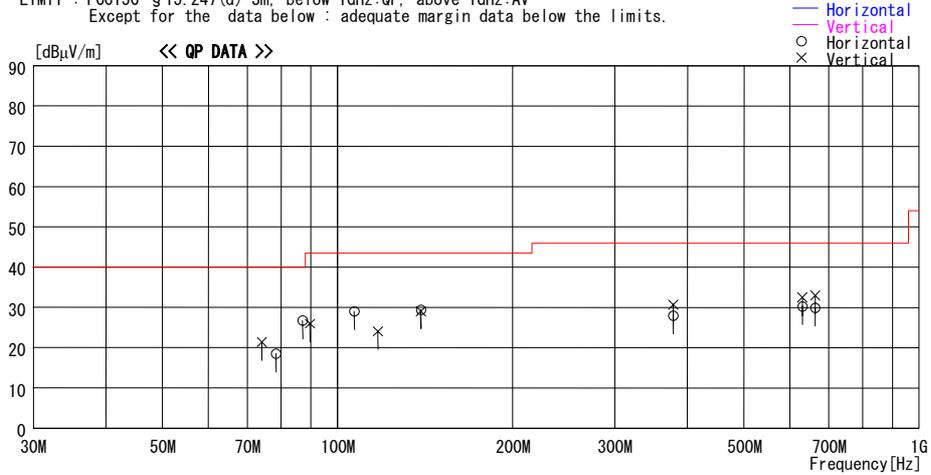
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/12 02:36:37

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg.C / 60%
Serial No. : 01-TSP1100F-0000051-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps (MAX), Ch:01, MAX-axis (H:X, V:X) ANT: HFS11-SO01, AC Adapter: ACC-115,

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Loss& Gain [dB]						
74.185	34.8	QP	6.8	-20.2	21.4	273	100	Vert.	40.0	18.6
78.350	32.0	QP	6.7	-20.2	18.5	256	250	Hori.	40.0	21.5
87.128	38.8	QP	7.8	-19.9	26.7	45	199	Hori.	40.0	13.3
89.645	37.6	QP	8.2	-19.8	26.0	342	100	Vert.	43.5	17.5
106.918	37.3	QP	11.2	-19.5	29.0	44	296	Hori.	43.5	14.5
117.367	30.8	QP	12.7	-19.4	24.1	329	100	Vert.	43.5	19.4
139.206	34.2	QP	14.3	-19.1	29.4	240	282	Hori.	43.5	14.1
139.209	33.9	QP	14.3	-19.1	29.1	321	100	Vert.	43.5	14.4
377.777	30.4	QP	17.3	-17.0	30.7	0	146	Vert.	46.0	15.3
377.779	27.7	QP	17.3	-17.0	28.0	275	100	Hori.	46.0	18.0
630.280	29.0	QP	20.2	-16.7	32.5	26	127	Vert.	46.0	13.5
630.278	26.8	QP	20.2	-16.7	30.3	18	100	Hori.	46.0	15.7
662.907	29.0	QP	20.5	-16.5	33.0	155	100	Vert.	46.0	13.0
662.805	25.9	QP	20.5	-16.5	29.9	255	100	Hori.	46.0	16.1

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)
Except for the data below : adequate margin data below the limits.

Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: HFS11-SO01, Ch.: Mid, Below1GHz)

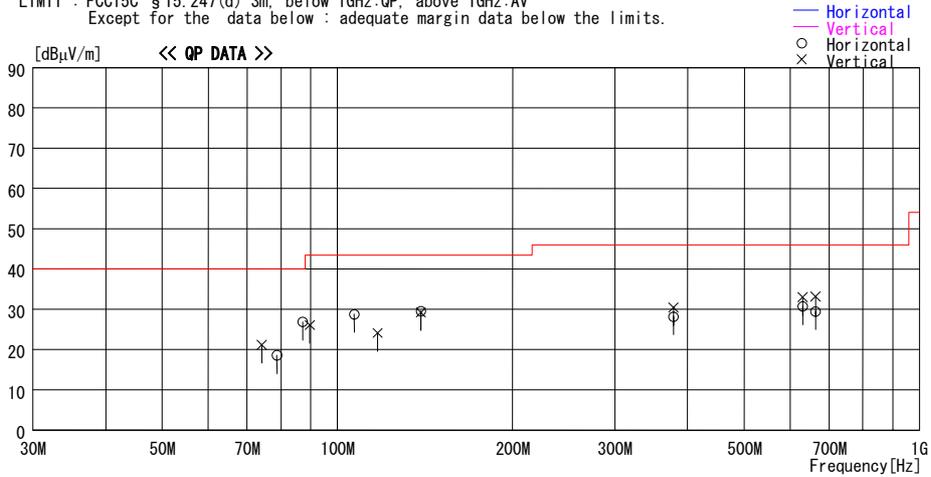
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/12 02:27:27

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg. C. / 60%
Serial No. : 01-TSP1100F-0000051-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:06, MAX-axis(H:X, V:X) ANT: HFS11-SO01, AC Adapter:ACC-115.

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Loss&Gain [dB]						
74.129	34.6	QP	6.8	-20.2	21.2	275	100	Vert.	40.0	18.8
78.666	32.2	QP	6.6	-20.2	18.6	250	247	Hori.	40.0	21.4
87.148	39.0	QP	7.8	-19.9	26.9	43	197	Hori.	40.0	13.1
89.671	37.7	QP	8.2	-19.8	26.1	340	100	Vert.	43.5	17.4
106.921	37.1	QP	11.2	-19.5	28.8	43	294	Hori.	43.5	14.7
117.236	30.9	QP	12.6	-19.4	24.1	272	100	Vert.	43.5	19.4
139.208	34.0	QP	14.3	-19.1	29.2	332	100	Vert.	43.5	14.3
139.204	34.4	QP	14.3	-19.1	29.6	239	279	Hori.	43.5	13.9
377.780	27.9	QP	17.3	-17.0	28.2	274	100	Hori.	46.0	17.8
377.748	30.2	QP	17.3	-17.0	30.5	0	147	Vert.	46.0	15.5
630.281	29.5	QP	20.2	-16.7	33.0	23	129	Vert.	46.0	13.0
630.281	27.2	QP	20.2	-16.7	30.7	18	100	Hori.	46.0	15.3
662.926	29.2	QP	20.5	-16.5	33.2	157	100	Vert.	46.0	12.8
662.885	25.5	QP	20.5	-16.5	29.5	262	100	Hori.	46.0	16.5

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)
Except for the data below : adequate margin data below the limits.

Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: HFS11-SO01, Ch.: High, Below1GHz)

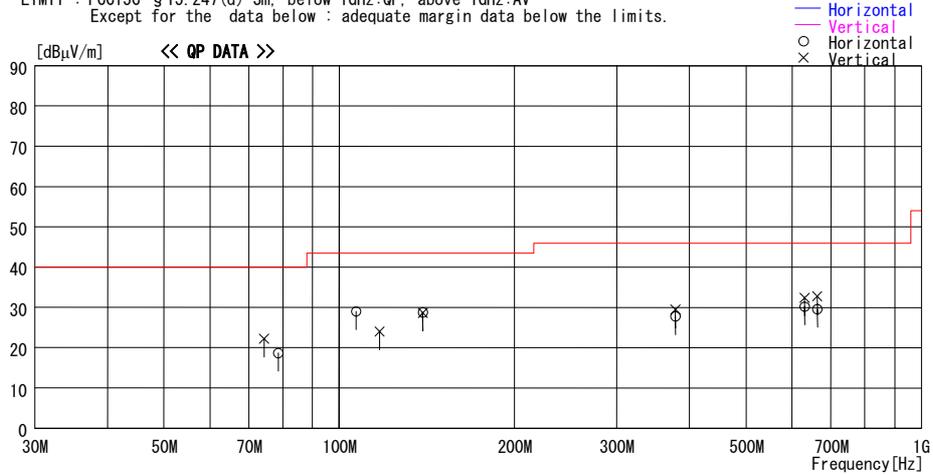
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/12 02:46:00

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg. C. / 60%
Serial No. : 01-TSP1100F-0000051-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps (MAX), Ch:11, MAX-axis (H:X, V:X) ANT: HFS11-SO01, AC Adapter: ACC-115.

LIMIT : FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Loss & Gain [dB]						
78.567	32.3	QP	6.8	-20.2	18.7	258	246	Hori.	40.0	21.3
74.277	35.6	QP	6.8	-20.2	22.2	265	100	Vert.	40.0	17.8
117.348	30.7	QP	12.7	-19.4	24.0	330	100	Vert.	43.5	19.5
106.932	37.3	QP	11.2	-19.5	29.0	51	295	Hori.	43.5	14.5
139.210	33.6	QP	14.3	-19.1	28.8	291	215	Hori.	43.5	14.7
139.207	33.5	QP	14.3	-19.1	28.7	322	100	Vert.	43.5	14.8
377.781	29.2	QP	17.3	-17.0	29.5	0	145	Vert.	46.0	16.5
377.754	27.5	QP	17.3	-17.0	27.8	276	100	Hori.	46.0	18.2
630.273	26.7	QP	20.2	-16.7	30.2	19	100	Hori.	46.0	15.8
630.281	28.9	QP	20.2	-16.7	32.4	29	126	Vert.	46.0	13.6
662.856	25.6	QP	20.5	-16.5	29.6	254	100	Hori.	46.0	16.4
662.910	28.8	QP	20.5	-16.5	32.8	158	100	Vert.	46.0	13.2

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)
Except for the data below : adequate margin data below the limits.

Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: UBA-CUW1000, Ch.: Low, Above1GHz)

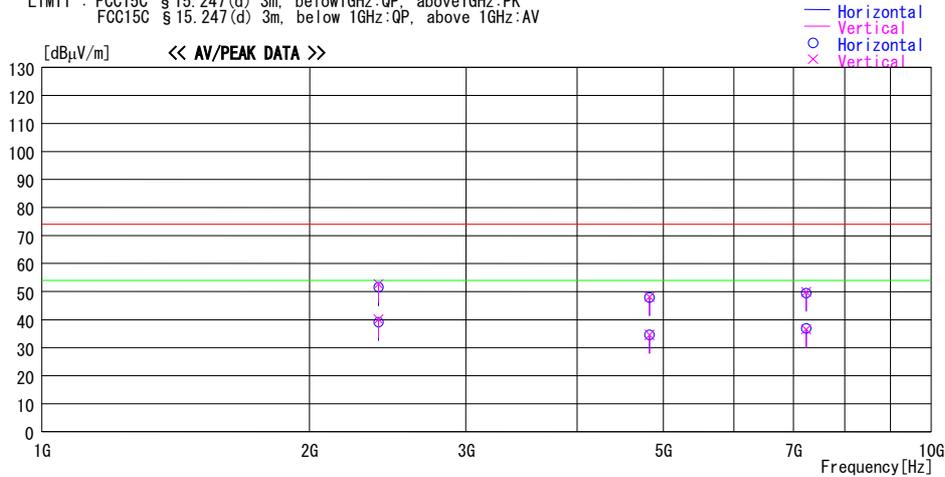
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/11 11:51:07

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V/60Hz
Model No. : PSP-1001 Temp./Humi. : 21deg. C. / 60%
Serial No. : 01-TSP1100F-0000007-PSP1100 Operator : Hiroka Umeyama

Mode / Remarks : IEEE802.11b Transmitting 11Mbps(MAX), Ch1:2412MHz MAX:X-Axis, ANT:UBA-CUW1000

LIMIT : FCC15C § 15. 247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C § 15. 247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBµV]	DET	Antenna	Loss&	Level	Angle	Height	Polar.	Limit	Margin
			Factor	Gain					[dBµV/m]	[dB]
2390.000	59.9	PK	30.9	-38.1	52.7	150	100	Vert.	74.0	21.3
2390.000	47.3	AV	30.9	-38.1	40.1	150	100	Vert.	54.0	13.9
2390.000	58.7	PK	30.9	-38.1	51.5	60	200	Hori.	74.0	22.5
2390.000	46.4	AV	30.9	-38.1	39.2	60	200	Hori.	54.0	14.8
4824.000	50.3	PK	35.0	-37.2	48.1	0	100	Vert.	74.0	25.9
4824.000	36.8	AV	35.0	-37.2	34.6	0	100	Hori.	54.0	19.4
4824.000	36.7	AV	35.0	-37.2	34.5	0	100	Vert.	54.0	19.5
4824.000	50.1	PK	35.0	-37.2	47.9	0	100	Hori.	74.0	26.1
7236.000	48.6	PK	37.6	-36.3	49.9	0	100	Vert.	74.0	24.1
7236.000	35.6	AV	37.6	-36.3	36.9	0	100	Hori.	54.0	17.1
7236.000	35.2	AV	37.6	-36.3	36.5	0	100	Vert.	54.0	17.5
7236.000	48.2	PK	37.6	-36.3	49.5	0	100	Hori.	74.0	24.5

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)
Except for the data below : adequate margin data below the limits.

Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: UBA-CUW1000, Ch.: Low, Above1GHz)

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

Company	: Sony Computer Entertainment Inc.	REPORT NO	: 26CE0050-HO
Equipment	: PSP	REGULATION	: Fcc Part15 Subpart C 15.247(d)
Model	: PSP-1001	TEST DISTANCE	: 3m
Sample No.	: 01-TSP1100F-0000007-PSP1100	DATE	: 10/11/2005
Power	: AC120V/60Hz	TEMPERATURE	: 21deg.C
Mode	: IEEE802.11b Tx :ch1	HUMIDITY	: 60%
	: 11Mbps, ANT:UBA-CUW1000	ENGINEER	: Hiroka Umeyama
Remarks	: EUT-max-axis (Hor.: X, Ver.: X)		

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATT or Filter Loss [dB]	RESULT		Limit 20dBc [dBuV/m]	MARGIN		
		HOR	VER					HOR	VER		HOR	VER	
		[dBuV]						[dBuV/m]					
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	2412.0	102.4	93.9	30.9	41.2	3.1	0.0	95.2	86.7	-	-	-	-
2	2400.0	62.8	47.2	30.9	41.2	3.1	0.0	55.6	40.0	Funda-20dB	19.6	26.7	

*Except for the above table : All other spurious emissions were less than 20dB for the limit.
 *The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
 *Hi-Pass Filter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: UBA-CUW1000, Ch.: Low, Above1GHz)

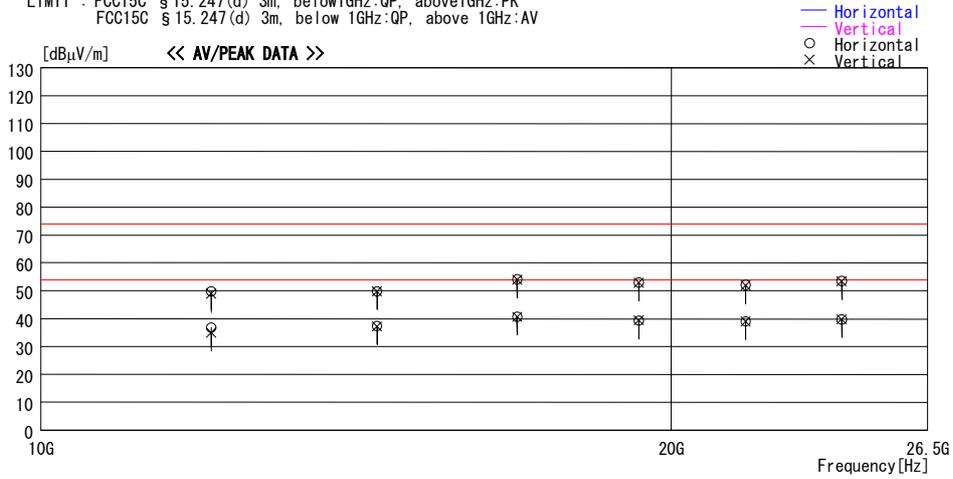
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/13 02:57:31

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg.C. / 60%
Serial No. : 01-TSP1100F-0000007-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:01, MAX-axis(H:X,V:X), ANT: UBA-CUW1000, AC Adapter:ACC-115

LIMIT : FCC15C § 15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C § 15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Loss&Gain [dB]				
12060.000	46.9	PK	41.4	-38.4	49.9	Hori.	74.0	24.1
12060.000	33.8	AV	41.4	-38.4	36.8	Hori.	54.0	17.2
12060.000	45.9	PK	41.4	-38.4	48.9	Vert.	74.0	25.1
12060.000	32.0	AV	41.4	-38.4	35.0	Vert.	54.0	19.0
14472.000	44.6	PK	41.8	-36.5	49.9	Hori.	74.0	24.1
14472.000	32.1	AV	41.8	-36.5	37.4	Hori.	54.0	16.6
14472.000	44.5	PK	41.8	-36.5	49.8	Vert.	74.0	24.2
14472.000	32.0	AV	41.8	-36.5	37.3	Vert.	54.0	16.7
16884.000	45.7	PK	44.6	-36.2	54.1	Hori.	74.0	19.9
16884.000	32.3	AV	44.6	-36.2	40.7	Hori.	54.0	13.3
16884.000	45.6	PK	44.6	-36.2	54.0	Vert.	74.0	20.0
16884.000	32.3	AV	44.6	-36.2	40.7	Vert.	54.0	13.3
19296.000	46.0	PK	41.6	-34.6	53.0	Hori.	74.0	21.0
19296.000	32.3	AV	41.6	-34.6	39.3	Hori.	54.0	14.7
19296.000	45.9	PK	41.6	-34.6	52.9	Vert.	74.0	21.1
19296.000	32.4	AV	41.6	-34.6	39.4	Vert.	54.0	14.6
21708.000	46.6	PK	40.4	-34.9	52.1	Hori.	74.0	21.9
21708.000	33.6	AV	40.4	-34.9	39.1	Hori.	54.0	14.9
21708.000	46.4	PK	40.4	-34.9	51.9	Vert.	74.0	22.1
21708.000	33.5	AV	40.4	-34.9	39.0	Vert.	54.0	15.0
24120.000	48.3	PK	41.0	-35.8	53.5	Hori.	74.0	20.5
24120.000	34.6	AV	41.0	-35.8	39.8	Hori.	54.0	14.2
24120.000	48.2	PK	41.0	-35.8	53.4	Vert.	74.0	20.6
24120.000	34.6	AV	41.0	-35.8	39.8	Vert.	54.0	14.2

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

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: UBA-CUW1000, Ch.: Mid, Above1GHz)

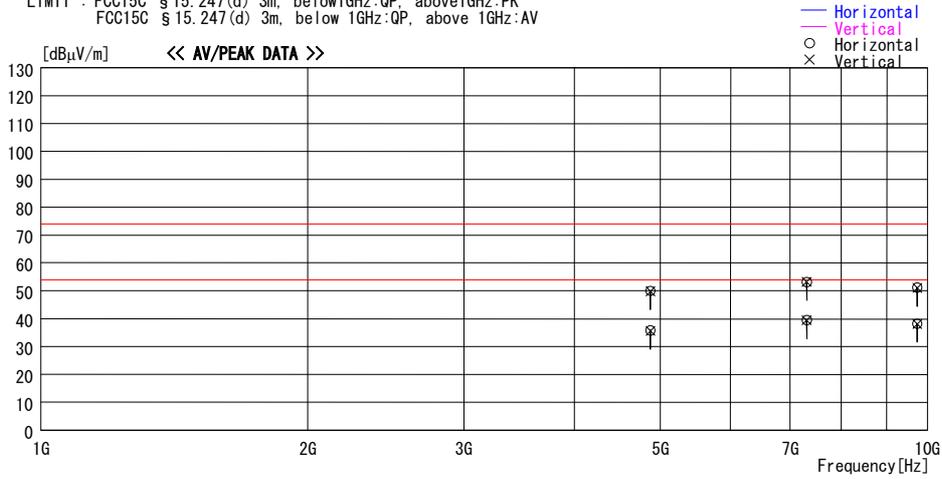
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/12 23:55:37

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg. C. / 60%
Serial No. : 01-TSP1100F-0000007-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:06, MAX-axis(H:X,V:X), ANT: UBA-CUW1000, AC Adapter:ACC-11E

LIMIT : FCC15C § 15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
FCC15C § 15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Loss&Gain [dB]				
4873.963	45.2	PK	35.3	-30.7	49.8	Vert.	74.0	24.2
4873.963	31.0	AV	35.3	-30.7	35.6	Vert.	54.0	18.4
4874.130	45.4	PK	35.3	-30.7	50.0	Hori.	74.0	24.0
4874.130	31.2	AV	35.3	-30.7	35.8	Hori.	54.0	18.2
7311.000	45.7	PK	37.7	-30.3	53.1	Hori.	74.0	20.9
7311.000	32.1	AV	37.7	-30.3	39.5	Hori.	54.0	14.5
7311.000	45.8	PK	37.7	-30.3	53.2	Vert.	74.0	20.8
7311.000	32.0	AV	37.7	-30.3	39.4	Vert.	54.0	14.6
9748.000	45.0	PK	36.2	-30.1	51.1	Hori.	74.0	22.9
9748.000	32.1	AV	36.2	-30.1	38.2	Hori.	54.0	15.8
9748.000	44.9	PK	36.2	-30.1	51.0	Vert.	74.0	23.0
9748.000	32.0	AV	36.2	-30.1	38.1	Vert.	54.0	15.9

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)

Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: UBA-CUW1000, Ch.: Mid, Above1GHz)

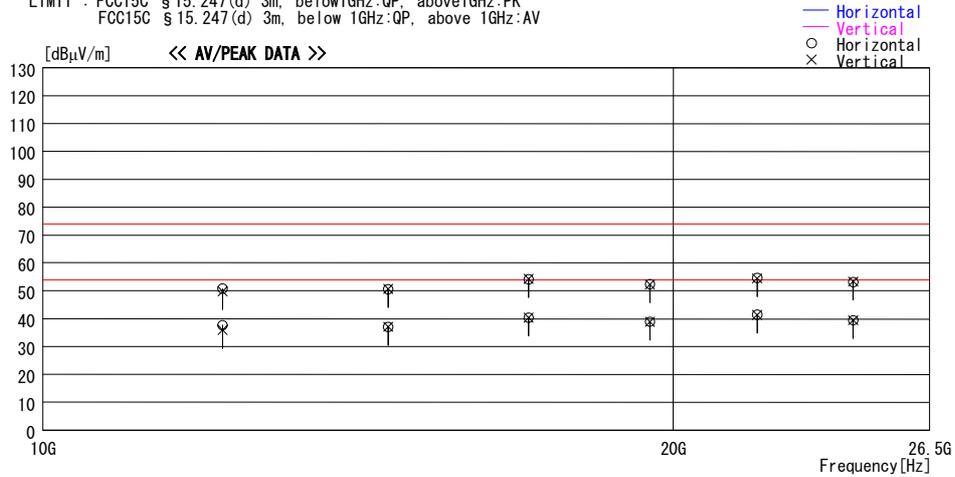
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/13 02:32:57

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg. C. / 60%
Serial No. : 01-TSP1100F-0000007-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:06, MAX-axis(H:X,V:X), ANT: UBA-CUW1000, AC Adapter:ACC-115

LIMIT : FCC15C § 15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C § 15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Loss& Gain [dB]				
12185.000	47.6	PK	41.5	-38.3	50.8	Hori.	74.0	23.2
12185.000	34.5	AV	41.5	-38.3	37.7	Hori.	54.0	16.3
12185.000	46.6	PK	41.5	-38.3	49.8	Vert.	74.0	24.2
12185.000	32.7	AV	41.5	-38.3	35.9	Vert.	54.0	18.1
14622.000	45.6	PK	42.1	-37.1	50.6	Hori.	74.0	23.4
14622.000	32.0	AV	42.1	-37.1	37.0	Hori.	54.0	17.0
14622.000	45.7	PK	42.1	-37.1	50.7	Vert.	74.0	23.3
14622.000	32.1	AV	42.1	-37.1	37.1	Vert.	54.0	16.9
17059.000	45.6	PK	44.6	-36.1	54.1	Hori.	74.0	19.9
17059.000	31.8	AV	44.6	-36.1	40.3	Hori.	54.0	13.7
17059.000	45.7	PK	44.6	-36.1	54.2	Vert.	74.0	19.8
17059.000	31.9	AV	44.6	-36.1	40.4	Vert.	54.0	13.6
19496.000	45.9	PK	41.4	-34.8	52.5	Hori.	74.0	21.5
19496.000	32.4	AV	41.4	-34.8	39.0	Hori.	54.0	15.0
19496.000	45.7	PK	41.4	-34.8	52.3	Vert.	74.0	21.7
19496.000	32.3	AV	41.4	-34.8	38.9	Vert.	54.0	15.1
21933.000	48.5	PK	40.5	-34.4	54.6	Hori.	74.0	19.4
21933.000	35.4	AV	40.5	-34.4	41.5	Hori.	54.0	12.5
21933.000	48.3	PK	40.5	-34.4	54.4	Vert.	74.0	19.6
21933.000	35.3	AV	40.5	-34.4	41.4	Vert.	54.0	12.6
24370.000	48.0	PK	41.1	-35.9	53.2	Hori.	74.0	20.8
24370.000	34.2	AV	41.1	-35.9	39.4	Hori.	54.0	14.6
24370.000	48.1	PK	41.1	-35.9	53.3	Vert.	74.0	20.7
24370.000	34.2	AV	41.1	-35.9	39.4	Vert.	54.0	14.6

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

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: UBA-CUW1000, Ch.: High, Above1GHz)

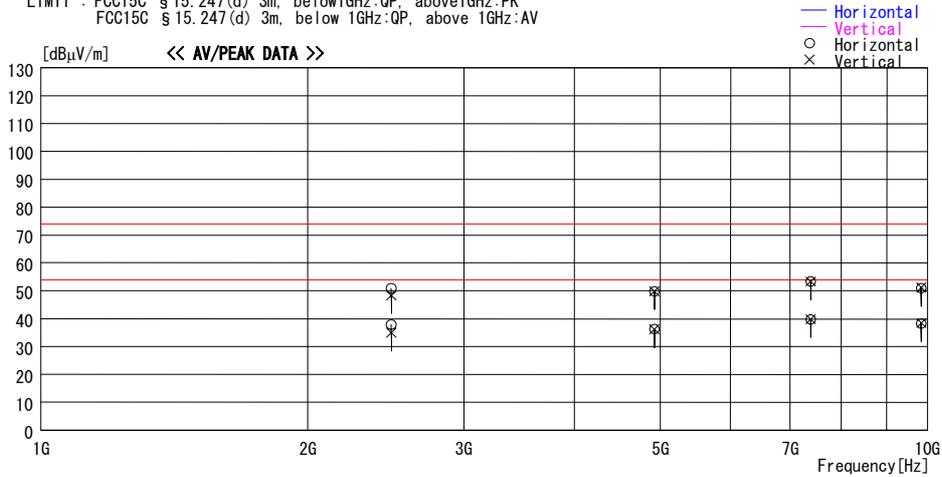
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/13 00:13:02

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg. C. / 60%
Serial No. : 01-TSP1100F-0000007-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:11, MAX-axis(H:X,V:X), ANT: UBA-CUW1000, AC Adapter:ACC-11E

LIMIT : FCC15C § 15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C § 15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBUV]	DET	Antenna		Level [dBUV/m]	Polar.	Limit [dBUV/m]	Margin [dB]
			Factor [dB/m]	Loss&Gain [dB]				
2483.740	53.4	PK	30.8	-33.3	50.9	Hori.	74.0	23.1
2483.740	40.4	AV	30.8	-33.3	37.9	Hori.	54.0	16.1
2485.782	50.8	PK	30.8	-33.3	48.3	Vert.	74.0	25.7
2485.782	37.5	AV	30.8	-33.3	35.0	Vert.	54.0	19.0
4924.001	44.8	PK	35.6	-30.6	49.8	Vert.	74.0	24.2
4924.001	31.1	AV	35.6	-30.6	36.1	Vert.	54.0	17.9
4924.590	44.9	PK	35.6	-30.6	49.9	Hori.	74.0	24.1
4924.590	31.2	AV	35.6	-30.6	36.2	Hori.	54.0	17.8
7386.000	45.8	PK	37.8	-30.2	53.4	Hori.	74.0	20.6
7386.000	32.2	AV	37.8	-30.2	39.8	Hori.	54.0	14.2
7386.000	45.7	PK	37.8	-30.2	53.3	Vert.	74.0	20.7
7386.000	32.2	AV	37.8	-30.2	39.8	Vert.	54.0	14.2
9848.000	44.7	PK	36.2	-29.9	51.0	Hori.	74.0	23.0
9848.000	32.0	AV	36.2	-29.9	38.3	Hori.	54.0	15.7
9848.000	44.8	PK	36.2	-29.9	51.1	Vert.	74.0	22.9
9848.000	32.1	AV	36.2	-29.9	38.4	Vert.	54.0	15.6

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

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: UBA-CUW1000, Ch.: High, Above1GHz)

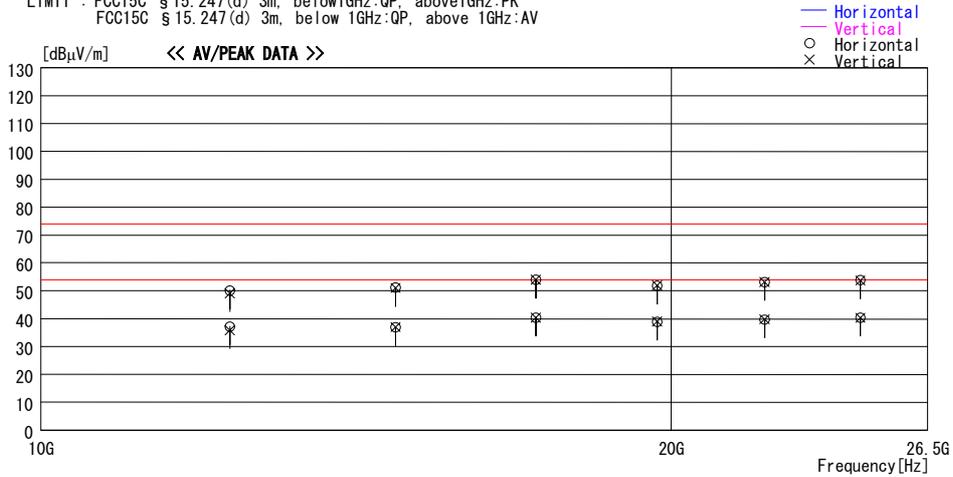
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/13 02:04:18

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg.C. / 60%
Serial No. : 01-TSP1100F-0000007-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:11, MAX-axis(H:X,V:X), ANT: UBA-CUW1000, AC Adapter:ACC-115

LIMIT : FCC15C § 15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C § 15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Gain [dB]				
12310.000	46.8	PK	41.5	-38.2	50.1	Hori.	74.0	23.9
12310.000	33.9	AV	41.5	-38.2	37.2	Hori.	54.0	16.8
12310.000	45.8	PK	41.5	-38.2	49.1	Vert.	74.0	24.9
12310.000	32.5	AV	41.5	-38.2	35.8	Vert.	54.0	18.2
14772.000	46.2	PK	42.4	-37.5	51.1	Hori.	74.0	22.9
14772.000	32.0	AV	42.4	-37.5	36.9	Hori.	54.0	17.1
14772.000	46.1	PK	42.4	-37.5	51.0	Vert.	74.0	23.0
14772.000	32.1	AV	42.4	-37.5	37.0	Vert.	54.0	17.0
17234.000	45.4	PK	44.5	-36.0	53.9	Hori.	74.0	20.1
17234.000	31.8	AV	44.5	-36.0	40.3	Hori.	54.0	13.7
17234.000	45.5	PK	44.5	-36.0	54.0	Vert.	74.0	20.0
17234.000	31.9	AV	44.5	-36.0	40.4	Vert.	54.0	13.6
19696.000	45.7	PK	41.2	-35.1	51.8	Hori.	74.0	22.2
19696.000	32.8	AV	41.2	-35.1	38.9	Hori.	54.0	15.1
19696.000	45.6	PK	41.2	-35.1	51.9	Vert.	74.0	22.1
19696.000	32.9	AV	41.2	-35.1	39.0	Vert.	54.0	15.0
22158.000	47.0	PK	40.5	-34.3	53.2	Hori.	74.0	20.8
22158.000	33.5	AV	40.5	-34.3	39.7	Hori.	54.0	14.3
22158.000	46.9	PK	40.5	-34.3	53.1	Vert.	74.0	20.9
22158.000	33.6	AV	40.5	-34.3	39.8	Vert.	54.0	14.2
24620.000	48.4	PK	41.1	-35.6	53.9	Hori.	74.0	20.1
24620.000	34.9	AV	41.1	-35.6	40.4	Hori.	54.0	13.6
24620.000	48.2	PK	41.1	-35.6	53.7	Vert.	74.0	20.3
24620.000	34.8	AV	41.1	-35.6	40.3	Vert.	54.0	13.7

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

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: HFS11-SO01, Ch.: Low, Above1GHz)

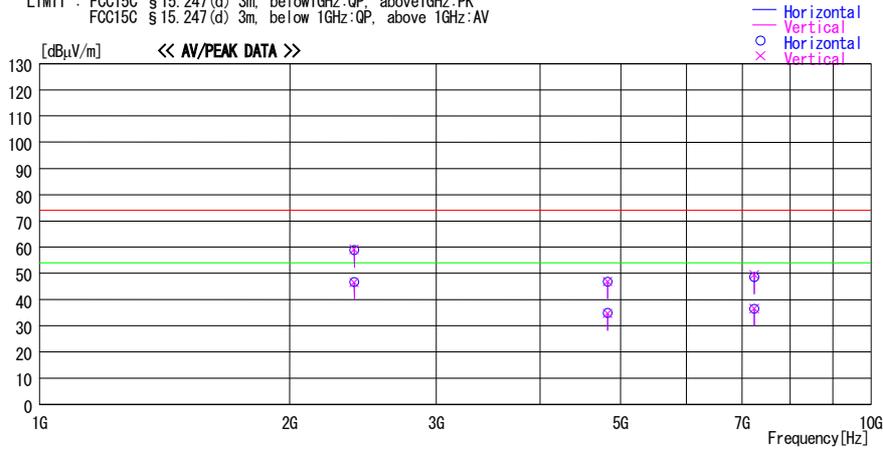
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/11 11:51:07

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V/60Hz
Model No. : PSP-1001 Temp./Humi. : 21deg. C. / 60%
Serial No. : 01-TSP1100F-0000051-PSP1100 Operator : Hiroka Umeyama

Mode / Remarks : IEEE802.11b Transmitting 11Mbps(MAX), Ch1:2412MHz MAX:X-Axis, ANT:HFS11-SO01

LIMIT : FCC15C § 15.247 (d) 3m, below1GHz:QP, above1GHz:PK
FCC15C § 15.247 (d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBμV]	DET	Antenna		Level [dBμV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBμV/m]	Margin [dB]
			Factor	Loss&Gain [dB]						
2390.000	66.3	PK	30.9	-38.1	59.1	300	120	Vert.	74.0	14.9
2390.000	53.7	AV	30.9	-38.1	46.5	300	120	Vert.	54.0	7.5
2390.000	66.1	PK	30.9	-38.1	58.9	300	150	Hori.	74.0	15.1
2390.000	53.9	AV	30.9	-38.1	46.7	300	150	Hori.	54.0	7.3
4824.000	36.9	AV	35.0	-37.2	34.7	0	100	Vert.	54.0	19.3
4824.000	49.1	PK	35.0	-37.2	46.9	0	100	Hori.	74.0	27.1
4824.000	49.1	PK	35.0	-37.2	46.9	0	100	Vert.	74.0	27.1
4824.000	37.0	AV	35.0	-37.2	34.8	0	100	Hori.	54.0	19.2
7236.000	35.2	AV	37.6	-36.3	36.5	0	100	Vert.	54.0	17.5
7236.000	47.3	PK	37.6	-36.3	48.6	0	100	Hori.	74.0	25.4
7236.000	48.1	PK	37.6	-36.3	49.4	0	100	Vert.	74.0	24.6
7236.000	35.2	AV	37.6	-36.3	36.5	0	100	Hori.	54.0	17.5

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)
Except for the data below : adequate margin data below the limits.

Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: HFS11-SO01, Ch.: Low, Above1GHz)

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

Company	: Sony Computer Entertainment Inc.	REPORT NO	: 26CE0050-HO
Equipment	: PSP	REGULATION	: Fcc Part15 Subpart C 15.247(d)
Model	: PSP-1001	TEST DISTANCE	: 3m
Sample No.	: 01-TSP1100F-0000051-PSP1100	DATE	: 10/11/2005
Power	: AC120V/60Hz	TEMPERATURE	: 21deg.C
Mode	: IEEE802.11b Tx :ch1	HUMIDITY	: 60%
	: 11Mbps, ANT:HFS11-SO01	ENGINEER	: Hiroka Umeyama
Remarks	: EUT-max-axis (Hor.: X, Ver.: X)		

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATT or Filter Loss [dB]	RESULT		Limit 20dBc [dBuV/m]	MARGIN	
		HOR [dBuV]	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2412.0	102.9	98.6	30.9	41.2	3.1	0.0	95.7	91.4	-	-	-
2	2400.0	65.7	61.8	30.9	41.2	3.1	0.0	58.5	54.6	Funda-20dB	17.2	16.8

*Except for the above table : All other spurious emissions were less than 20dB for the limit.
 *The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
 *Hi-Pass Filter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: HFS11-SO01, Ch.: Low, Above1GHz)

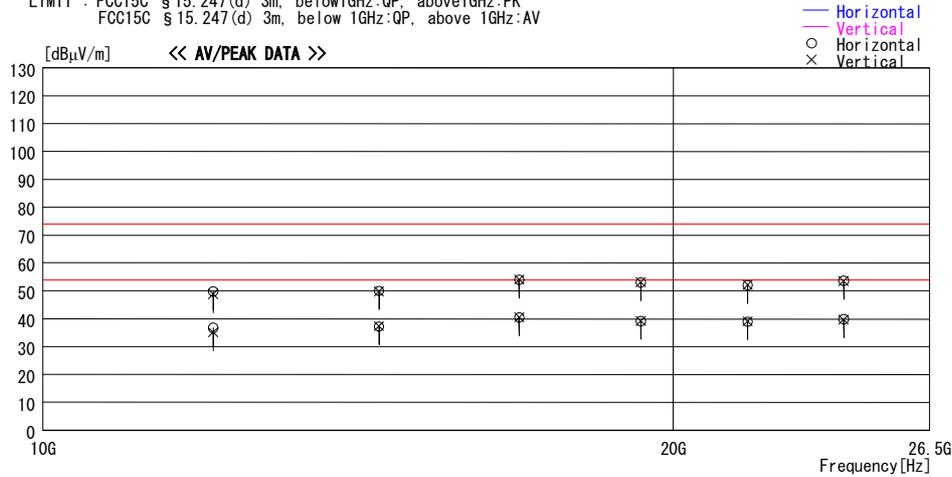
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/13 03:20:45

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg. C. / 60%
Serial No. : 01-TSP1100F-0000051-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:01, MAX-axis(H:X, V:X), ANT: HFS11-SO01, AC Adapter:ACC-115,

LIMIT : FCC15C § 15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C § 15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency	Reading	DET	Antenna		Level	Polar.	Limit	Margin
			Factor	Loss&Gain				
[MHz]	[dBμV]		[dB/m]	[dB]	[dBμV/m]		[dBμV/m]	[dB]
12060.000	46.8	PK	41.4	-38.4	49.8	Hori.	74.0	24.2
12060.000	33.7	AV	41.4	-38.4	36.7	Hori.	54.0	17.3
12060.000	45.8	PK	41.4	-38.4	48.8	Vert.	74.0	25.2
12060.000	32.1	AV	41.4	-38.4	35.1	Vert.	54.0	18.9
14472.000	44.7	PK	41.8	-36.5	50.0	Hori.	74.0	24.0
14472.000	32.0	AV	41.8	-36.5	37.3	Hori.	54.0	16.7
14472.000	44.6	PK	41.8	-36.5	49.9	Vert.	74.0	24.1
14472.000	32.1	AV	41.8	-36.5	37.4	Vert.	54.0	16.6
16884.000	45.6	PK	44.6	-36.2	54.0	Hori.	74.0	20.0
16884.000	32.2	AV	44.6	-36.2	40.6	Hori.	54.0	13.4
16884.000	45.7	PK	44.6	-36.2	54.1	Vert.	74.0	19.9
16884.000	32.2	AV	44.6	-36.2	40.6	Vert.	54.0	13.4
19296.000	46.0	PK	41.6	-34.6	53.0	Hori.	74.0	21.0
19296.000	32.2	AV	41.6	-34.6	39.2	Hori.	54.0	14.8
19296.000	46.1	PK	41.6	-34.6	53.1	Vert.	74.0	20.9
19296.000	32.2	AV	41.6	-34.6	39.2	Vert.	54.0	14.8
21708.000	46.5	PK	40.4	-34.9	52.0	Hori.	74.0	22.0
21708.000	33.5	AV	40.4	-34.9	39.0	Hori.	54.0	15.0
21708.000	46.6	PK	40.4	-34.9	52.1	Vert.	74.0	21.9
21708.000	33.6	AV	40.4	-34.9	39.1	Vert.	54.0	14.9
24120.000	48.4	PK	41.0	-35.8	53.6	Hori.	74.0	20.4
24120.000	34.7	AV	41.0	-35.8	39.9	Hori.	54.0	14.1
24120.000	48.3	PK	41.0	-35.8	53.5	Vert.	74.0	20.5
24120.000	34.5	AV	41.0	-35.8	39.7	Vert.	54.0	14.3

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

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: HFS11-SO01, Ch.: Mid, Above1GHz)

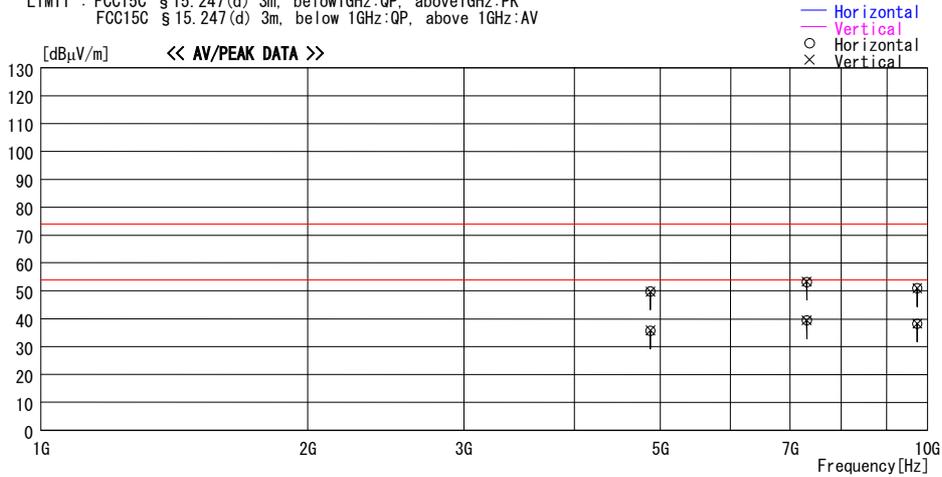
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/12 22:27:51

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg.C. / 60%
Serial No. : 01-TSP1100F-0000051-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps (MAX), Ch:06, MAX-axis (H:X, V:X), ANT: HFS11-SO01, AC Adapter:ACC-115,

LIMIT : FCC15C § 15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C § 15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Gain [dB]				
4873.984	45.1	PK	35.3	-30.7	49.7	Vert.	74.0	24.3
4873.984	31.2	AV	35.3	-30.7	35.8	Vert.	54.0	18.2
4874.016	45.3	PK	35.3	-30.7	49.9	Hori.	74.0	24.1
4874.016	31.1	AV	35.3	-30.7	35.7	Hori.	54.0	18.3
7311.000	45.8	PK	37.7	-30.3	53.2	Hori.	74.0	20.8
7311.000	32.0	AV	37.7	-30.3	39.4	Hori.	54.0	14.6
7311.000	45.9	PK	37.7	-30.3	53.3	Vert.	74.0	20.7
7311.000	32.0	AV	37.7	-30.3	39.4	Vert.	54.0	14.6
9748.000	44.9	PK	36.2	-30.1	51.0	Hori.	74.0	23.0
9748.000	32.1	AV	36.2	-30.1	38.2	Hori.	54.0	15.8
9748.000	44.8	PK	36.2	-30.1	50.9	Vert.	74.0	23.1
9748.000	32.1	AV	36.2	-30.1	38.2	Vert.	54.0	15.8

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

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: HFS11-SO01, Ch.: Mid, Above1GHz)

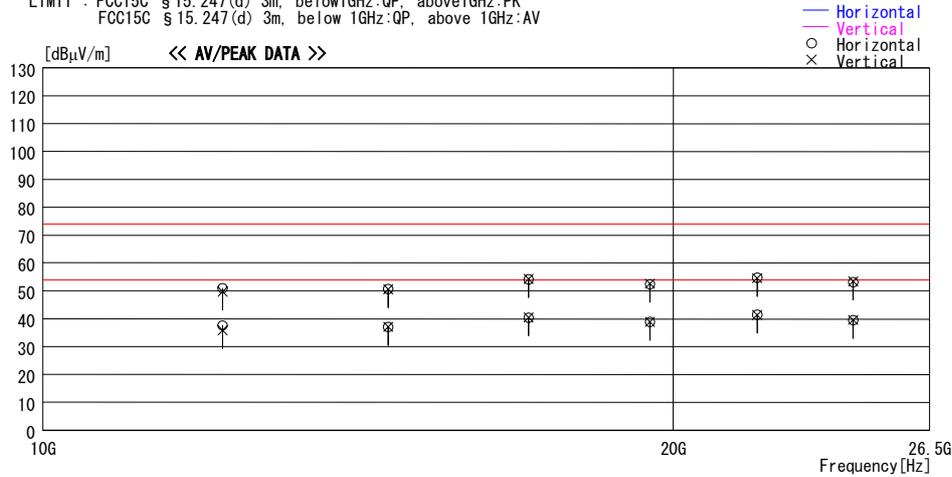
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/13 03:27:34

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg.C. / 60%
Serial No. : 01-TSP1100F-0000051-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps (MAX), Ch:06, MAX-axis (H:X, V:X), ANT: HFS11-SO01, AC Adapter:ACC-115,

LIMIT : FCC15C § 15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C § 15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency	Reading	DET	Antenna	Loss&	Level	Polar.	Limit	Margin
			Factor	Gain				
[MHz]	[dBμV]		[dB/m]	[dB]	[dBμV/m]		[dBμV/m]	[dB]
12185.000	47.7	PK	41.5	-38.3	50.9	Hori.	74.0	23.1
12185.000	34.4	AV	41.5	-38.3	37.6	Hori.	54.0	16.4
12185.000	46.5	PK	41.5	-38.3	49.7	Vert.	74.0	24.3
12185.000	32.6	AV	41.5	-38.3	35.8	Vert.	54.0	18.2
14622.000	45.7	PK	42.1	-37.1	50.7	Hori.	74.0	23.3
14622.000	32.0	AV	42.1	-37.1	37.0	Hori.	54.0	17.0
14622.000	45.5	PK	42.1	-37.1	50.5	Vert.	74.0	23.5
14622.000	32.1	AV	42.1	-37.1	37.1	Vert.	54.0	16.9
17059.000	45.6	PK	44.6	-36.1	54.1	Hori.	74.0	19.9
17059.000	31.9	AV	44.6	-36.1	40.4	Hori.	54.0	13.6
17059.000	45.7	PK	44.6	-36.1	54.2	Vert.	74.0	19.8
17059.000	32.0	AV	44.6	-36.1	40.5	Vert.	54.0	13.5
19496.000	45.9	PK	41.4	-34.8	52.5	Hori.	74.0	21.5
19496.000	32.3	AV	41.4	-34.8	38.9	Hori.	54.0	15.1
19496.000	46.0	PK	41.4	-34.8	52.6	Vert.	74.0	21.4
19496.000	32.3	AV	41.4	-34.8	38.9	Vert.	54.0	15.1
21933.000	48.6	PK	40.5	-34.4	54.7	Hori.	74.0	19.3
21933.000	35.4	AV	40.5	-34.4	41.5	Hori.	54.0	12.5
21933.000	48.4	PK	40.5	-34.4	54.5	Vert.	74.0	19.5
21933.000	35.3	AV	40.5	-34.4	41.4	Vert.	54.0	12.6
24370.000	48.0	PK	41.1	-35.9	53.2	Hori.	74.0	20.8
24370.000	34.3	AV	41.1	-35.9	39.5	Hori.	54.0	14.5
24370.000	48.2	PK	41.1	-35.9	53.4	Vert.	74.0	20.6
24370.000	34.4	AV	41.1	-35.9	39.6	Vert.	54.0	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)

Radiated Spurious Emission

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: HFS11-SO01, Ch.: High, Above1GHz)

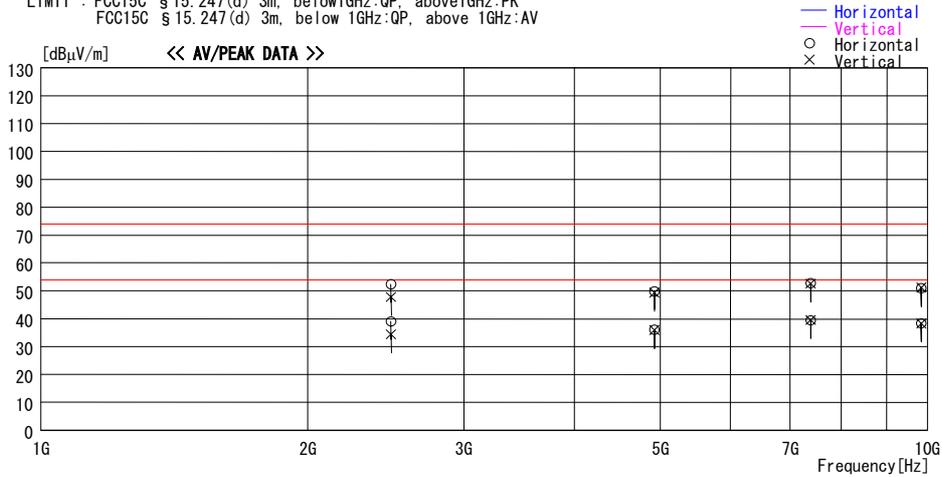
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/12 23:13:55

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg.C. / 60%
Serial No. : 01-TSP1100F-0000051-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps(MAX), Ch:11, MAX-axis(H:X, V:X), ANT: HFS11-SO01, AC Adapter:ACC-115,

LIMIT : FCC15C § 15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C § 15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBµV]	DET	Antenna	Loss&	Level [dBµV/m]	Polar.	Limit [dBµV/m]	Margin [dB]
			Factor [dB/m]	Gain [dB]				
2483.530	54.9	PK	30.8	-33.3	52.4	Hori.	74.0	21.6
2483.530	41.6	AV	30.8	-33.3	39.1	Hori.	54.0	14.9
2483.800	50.3	PK	30.8	-33.3	47.8	Vert.	74.0	26.2
2483.800	36.9	AV	30.8	-33.3	34.4	Vert.	54.0	19.6
4924.000	44.3	PK	35.6	-30.6	49.3	Vert.	74.0	24.7
4924.000	30.9	AV	35.6	-30.6	35.9	Vert.	54.0	18.1
4924.224	44.9	PK	35.6	-30.6	49.9	Hori.	74.0	24.1
4924.224	31.0	AV	35.6	-30.6	36.0	Hori.	54.0	18.0
7386.000	45.2	PK	37.8	-30.2	52.8	Hori.	74.0	21.2
7386.000	31.8	AV	37.8	-30.2	39.4	Hori.	54.0	14.6
7386.000	45.0	PK	37.8	-30.2	52.6	Vert.	74.0	21.4
7386.000	32.0	AV	37.8	-30.2	39.6	Vert.	54.0	14.4
9848.000	44.6	PK	36.2	-29.9	50.9	Hori.	74.0	23.1
9848.000	32.1	AV	36.2	-29.9	38.4	Hori.	54.0	15.6
9848.000	44.8	PK	36.2	-29.9	51.1	Vert.	74.0	22.9
9848.000	32.0	AV	36.2	-29.9	38.3	Vert.	54.0	15.7

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

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
(Antenna: HFS11-SO01, Ch.: High, Above1GHz)

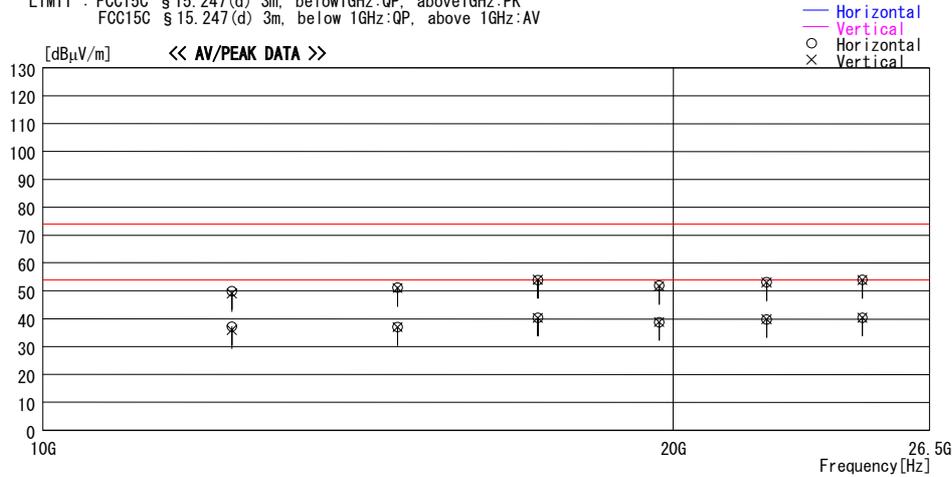
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2005/10/13 03:49:54

Applicant : Sony Computer Entertainment Inc. Report No. : 26CE0050-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-1001 Temp./Humi. : 24deg. C. / 60%
Serial No. : 01-TSP1100F-0000051-PSP1100 Operator : Kenichi Adachi

Mode / Remarks : IEEE802.11b, Tx, 11Mbps (MAX), Ch:11, MAX-axis (H:X, V:X), ANT: HFS11-SO01, AC Adapter:ACC-115,

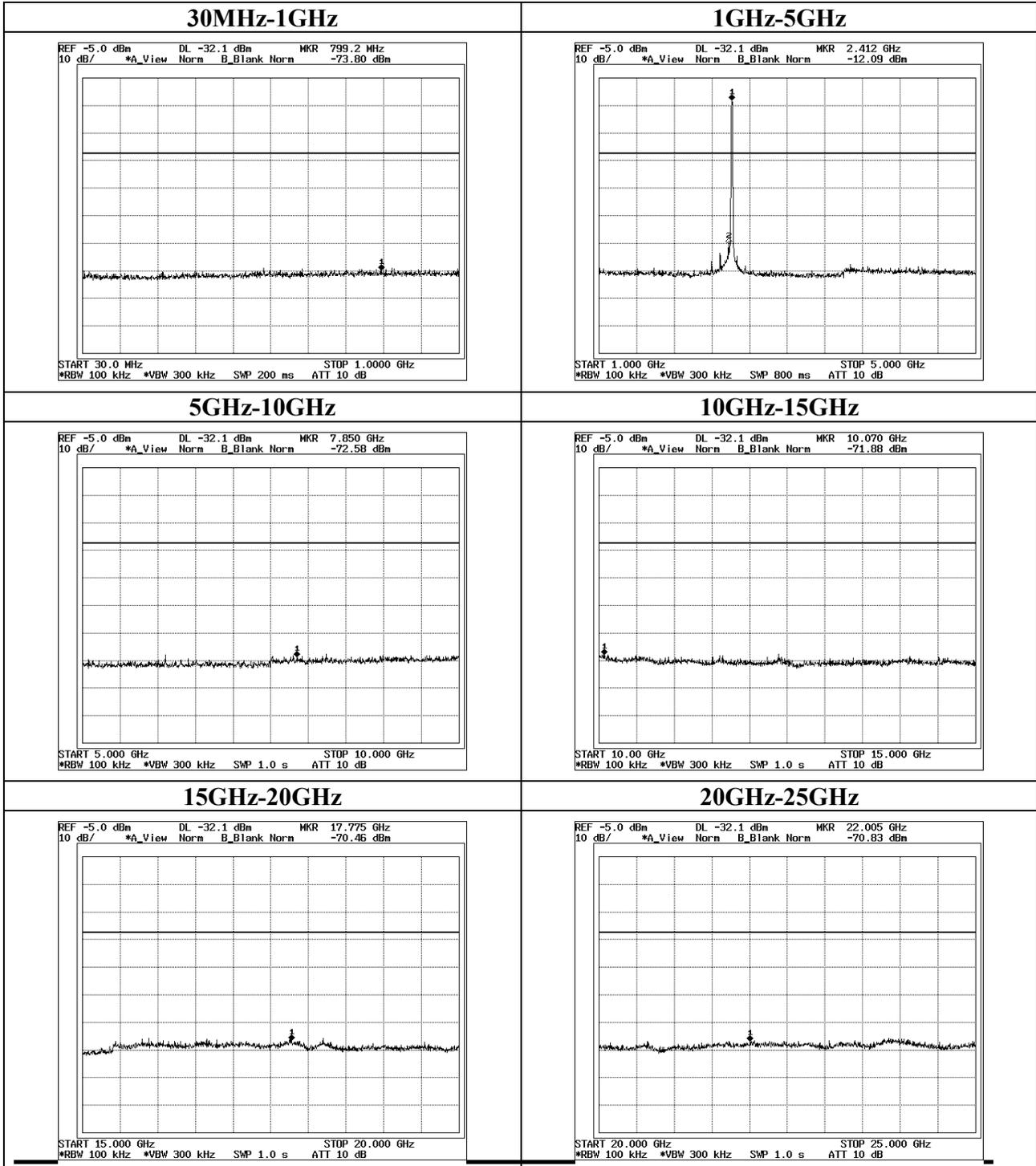
LIMIT : FCC15C § 15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C § 15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBμV]	DET	Antenna		Level [dBμV/m]	Polar.	Limit [dBμV/m]	Margin [dB]
			Factor [dB/m]	Loss & Gain [dB]				
12310.000	46.6	PK	41.5	-38.2	49.9	Hori.	74.0	24.1
12310.000	34.0	AV	41.5	-38.2	37.3	Hori.	54.0	16.7
12310.000	45.8	PK	41.5	-38.2	49.1	Vert.	74.0	24.9
12310.000	32.6	AV	41.5	-38.2	35.9	Vert.	54.0	18.1
14772.000	46.3	PK	42.4	-37.5	51.2	Hori.	74.0	22.8
14772.000	32.1	AV	42.4	-37.5	37.0	Hori.	54.0	17.0
14772.000	46.1	PK	42.4	-37.5	51.0	Vert.	74.0	23.0
14772.000	32.1	AV	42.4	-37.5	37.0	Vert.	54.0	17.0
17234.000	45.4	PK	44.5	-36.0	53.9	Hori.	74.0	20.1
17234.000	31.9	AV	44.5	-36.0	40.4	Hori.	54.0	13.6
17234.000	45.5	PK	44.5	-36.0	54.0	Vert.	74.0	20.0
17234.000	31.8	AV	44.5	-36.0	40.3	Vert.	54.0	13.7
19696.000	45.8	PK	41.2	-35.1	51.9	Hori.	74.0	22.1
19696.000	32.7	AV	41.2	-35.1	38.8	Hori.	54.0	15.2
19696.000	45.6	PK	41.2	-35.1	51.7	Vert.	74.0	22.3
19696.000	32.7	AV	41.2	-35.1	38.8	Vert.	54.0	15.2
22158.000	46.9	PK	40.5	-34.3	53.1	Hori.	74.0	20.9
22158.000	33.6	AV	40.5	-34.3	39.8	Hori.	54.0	14.2
22158.000	46.8	PK	40.5	-34.3	53.0	Vert.	74.0	21.0
22158.000	33.7	AV	40.5	-34.3	39.9	Vert.	54.0	14.1
24620.000	48.5	PK	41.1	-35.6	54.0	Hori.	74.0	20.0
24620.000	34.9	AV	41.1	-35.6	40.4	Hori.	54.0	13.6
24620.000	48.3	PK	41.1	-35.6	53.8	Vert.	74.0	20.2
24620.000	34.9	AV	41.1	-35.6	40.4	Vert.	54.0	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)

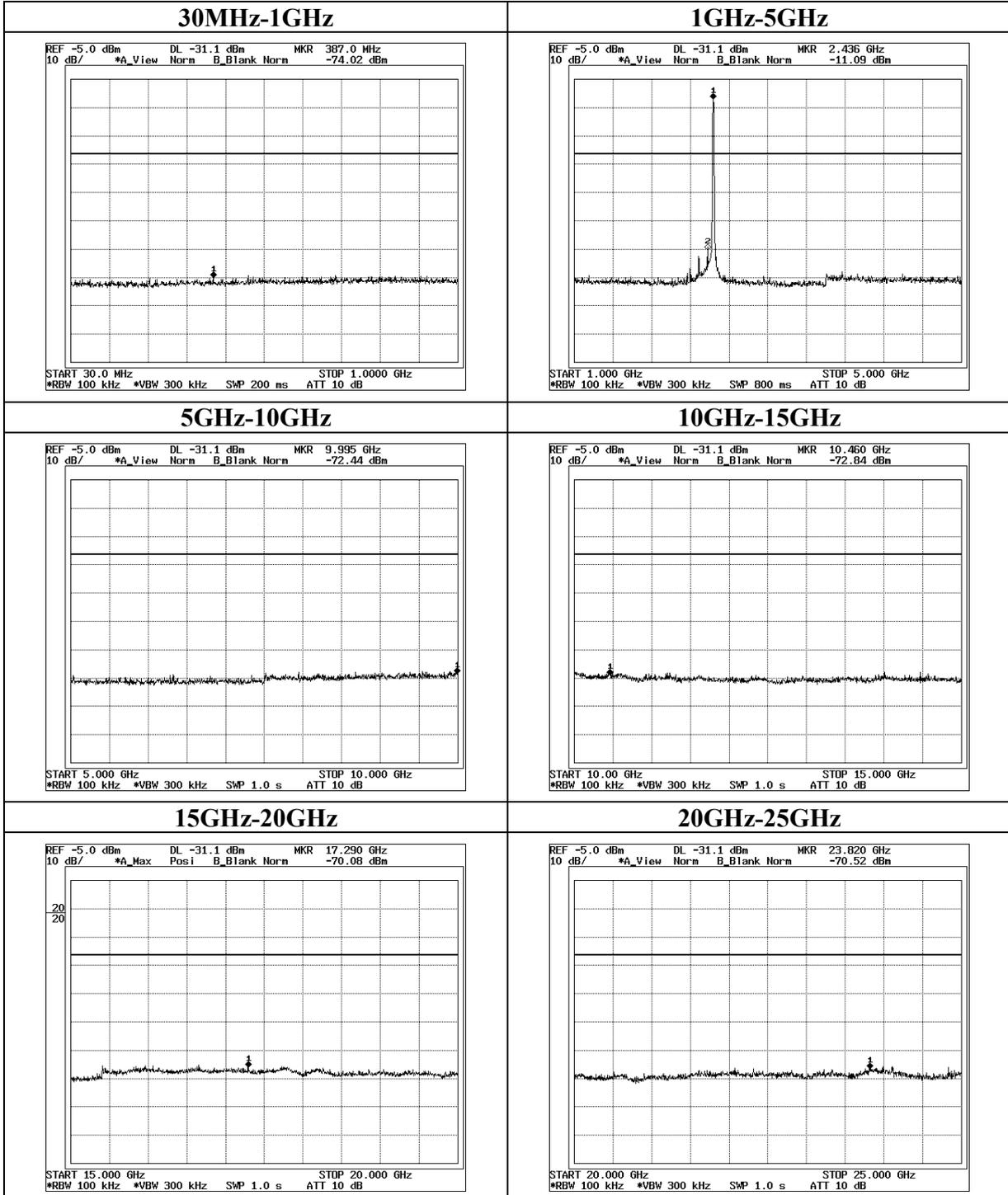
Conducted Spurious Emission
Ch: Low



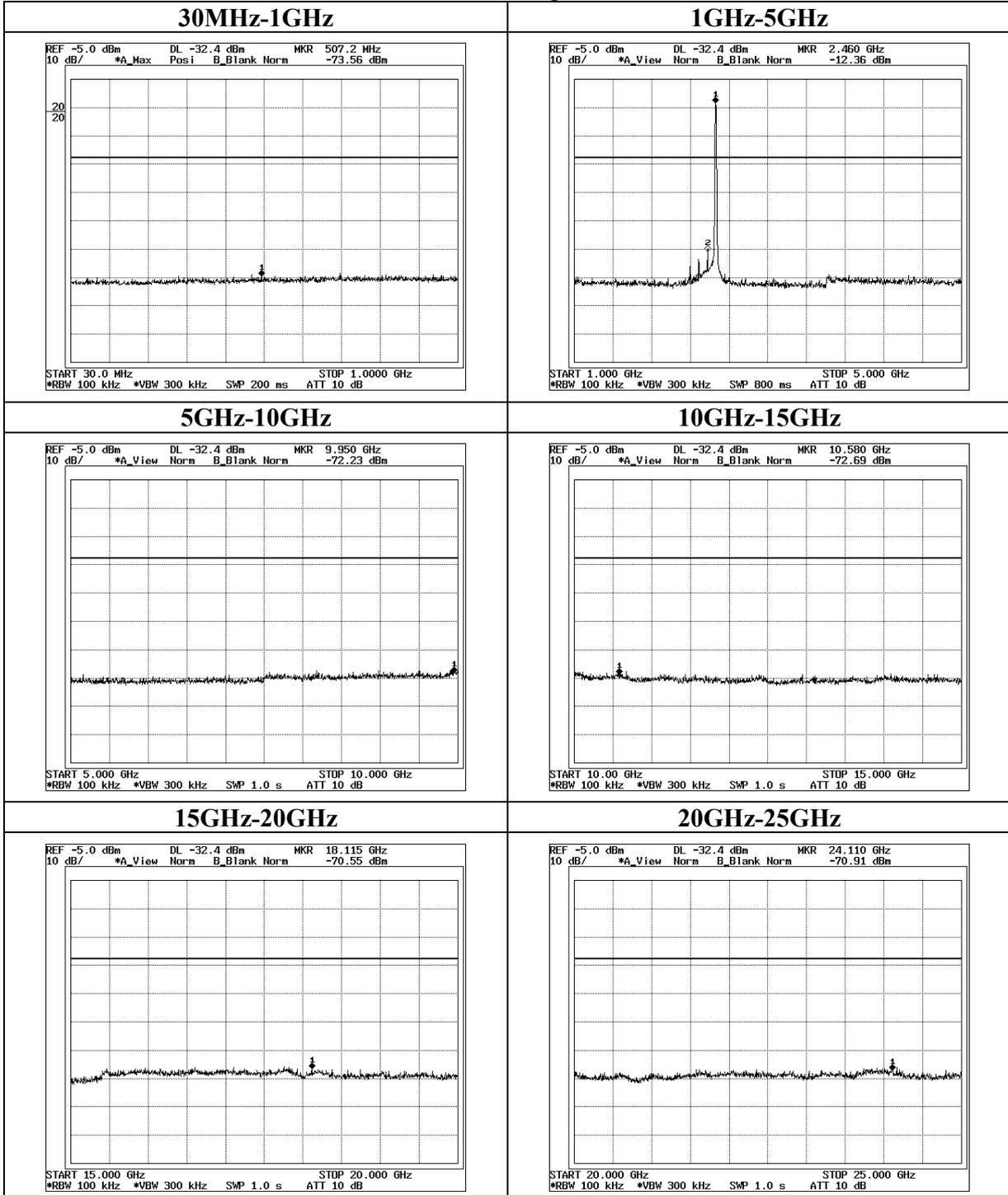
UL Apex Co., Ltd.
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 Telephone : +81 596 24 8116
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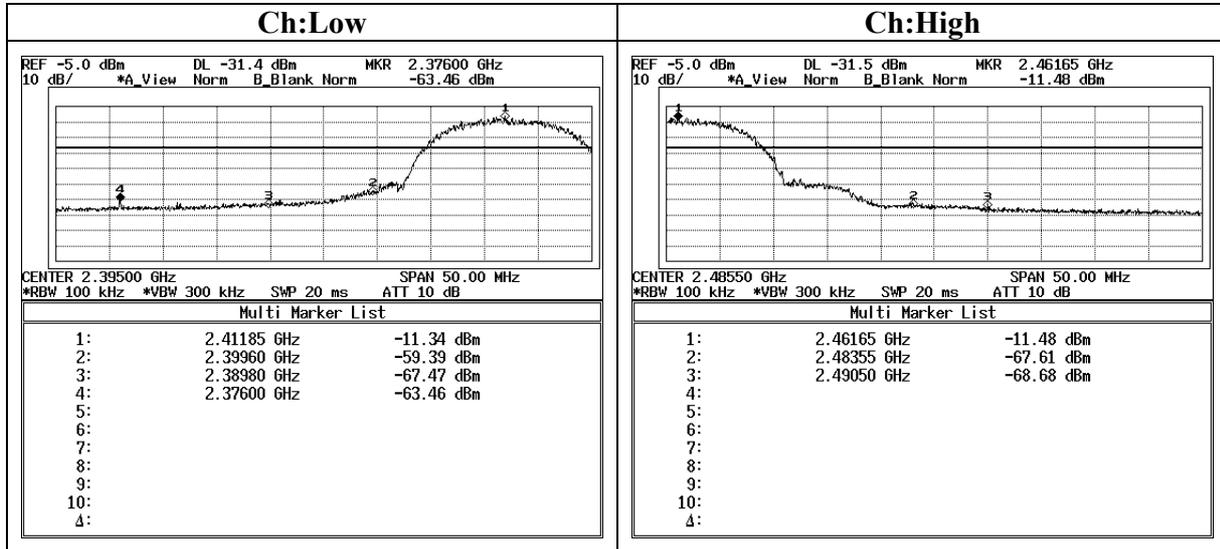
Conducted Spurious Emission
Ch: Mid



Conducted Spurious Emission
Ch: High



Conducted emission Band Edge compliance



Power Density

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

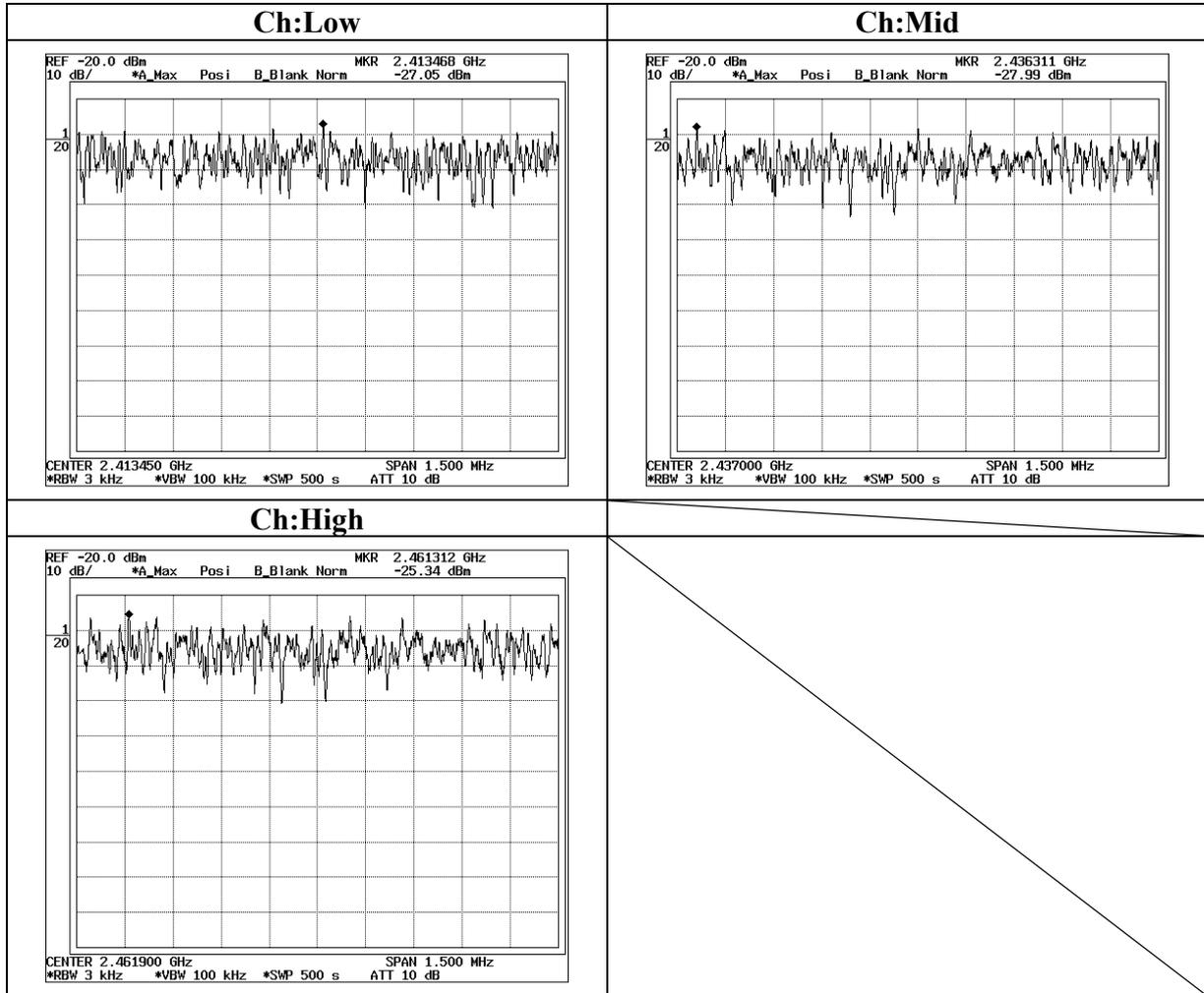
COMPANY : Sony Computer Entertainment Inc. REGULATION : FCC Part15 Subpart C 15.247(e)
QUIPMENT : PSP TEST DISTANCE : -
MODEL : PSP-1001 DATE : 10/14/2005
SAMPLE NO. : 01-TSP1100F-0000007-PSP1100 TEMPERATURE : 25°C
POWER : AC120V/60Hz HUMIDITY : 57%
MODE : Tx(ch1,6,11) ENGINEER : Hiroka Umeyama

Ch	Freq. [MHz]	Reading [dBm]	Cable [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2412.0	-27.05	1.4	10.0	-15.7	8.0	23.7
Mid	2437.0	-27.99	1.4	10.0	-16.6	8.0	24.6
High	2462.0	-25.34	1.4	10.0	-13.9	8.0	21.9

Sample Calculation:

Result = Reading + Cable Loss (supplied by customer) + Attenuator

Power Density



99% Occupied Bandwidth

