

APPENDIX 2: Data of EMI test

Conducted Emission
Tx, Ch:Low

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2007/05/31

Company	: Sony Computer Entertainment Inc.	Report No.	: 27JE0092-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-2001	Temp./Humi.	: 25deg. C / 53%
Serial No.	: 03-TSP1200H-0000114-PSPXXXX	Operator	: Kenichi Adachi

Mode / Remarks : WLAN 11b, Tx 2412MHz

LIMIT : FCC15.207 QP
FCC15.207 AV

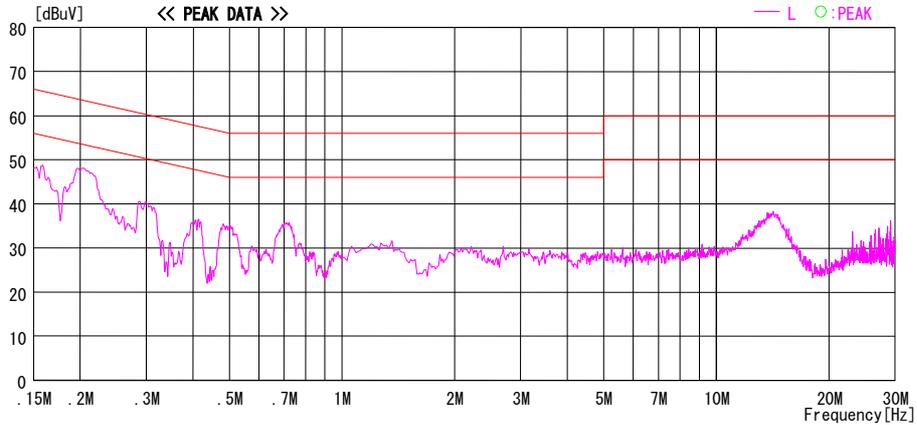
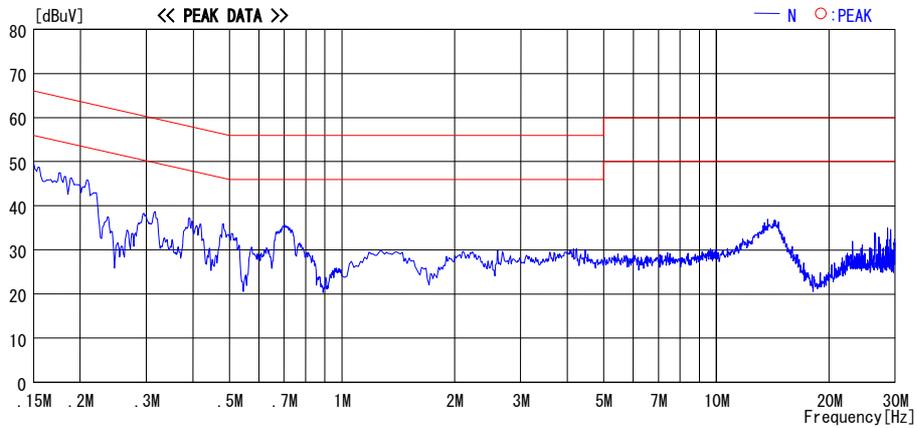


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT [dBuV]=READING [dBuV]+C. F [dB] (L ISN LOSS+CABLE LOSS)
Except for the above table: adequate margin data below the limits.

Conducted Emission
Tx, Ch:Mid

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
 Date : 2007/05/31

Company	: Sony Computer Entertainment Inc.	Report No.	: 27JE0092-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-2001	Temp./Humi.	: 25deg. C / 53%
Serial No.	: 03-TSP1200H-0000114-PSPXXXX	Operator	: Kenichi Adachi

Mode / Remarks: WLAN 11b, Tx 2437MHz

LIMIT : FCC15.207 QP
 FCC15.207 AV

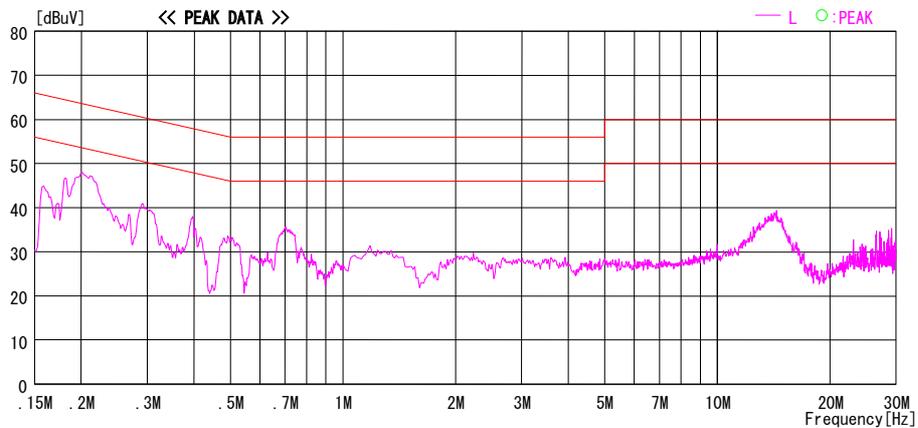
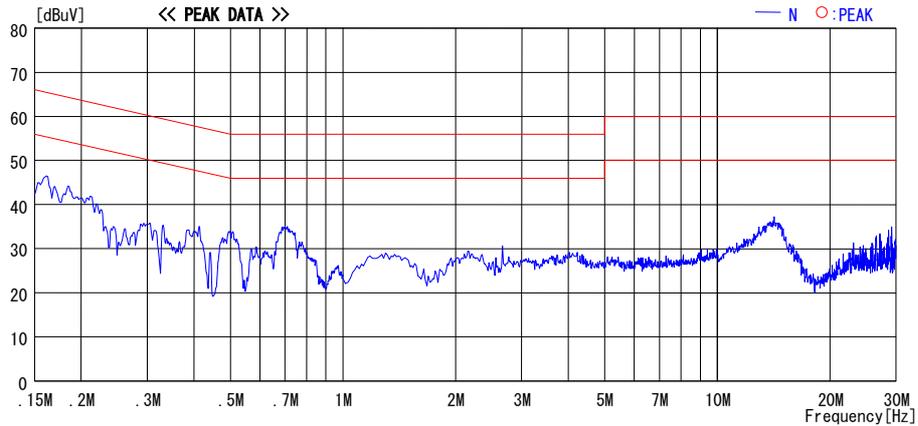


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C. F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table: adequate margin data below the limits.

Conducted Emission
Tx, Ch:Mid

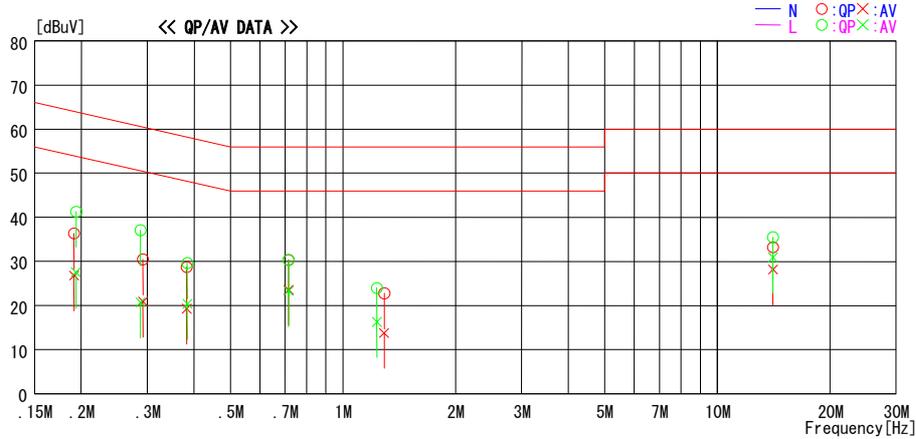
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2007/05/31

Company : Sony Computer Entertainment Inc. Report No. : 27JE0092-HO
Kind of EUT : PSP Power : AC 120V / 60Hz
Model No. : PSP-2001 Temp./Humi. : 25deg. C / 53%
Serial No. : 03-TSP1200H-0000114-PSPXXXX Operator : Kenichi Adachi

Mode / Remarks : WLAN 11b, Tx 2437MHz

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency [MHz]	Reading Level		Corr Factor	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.19122	36.1	26.5	0.3	36.4	26.8	64.0	54.0	27.6	27.2	N	
0.29211	30.2	20.6	0.3	30.5	20.9	60.5	50.5	30.0	29.6	N	
0.38225	28.5	19.0	0.3	28.8	19.3	58.2	48.2	29.4	28.9	N	
0.71587	30.1	23.3	0.3	30.4	23.6	56.0	46.0	25.6	22.4	N	
1.28797	22.4	13.4	0.4	22.8	13.8	56.0	46.0	33.2	32.2	N	
14.08447	31.7	26.7	1.5	33.2	28.2	60.0	50.0	26.8	21.8	N	
0.19363	41.0	27.2	0.3	41.3	27.5	63.9	53.9	22.6	26.4	L	
0.28758	36.8	20.4	0.3	37.1	20.7	60.6	50.6	23.5	29.9	L	
0.38411	29.4	20.1	0.3	29.7	20.4	58.2	48.2	28.5	27.8	L	
0.71578	30.0	23.0	0.3	30.3	23.3	56.0	46.0	25.7	22.7	L	
1.23192	23.6	15.9	0.4	24.0	16.3	56.0	46.0	32.0	29.7	L	
14.08389	34.0	29.4	1.5	35.5	30.9	60.0	50.0	24.5	19.1	L	

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

*The limit is rounded down to one decimal place. *The test result is round off to one or two decimal places, so some differences might be observed.

Conducted Emission
Tx, Ch:High

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
 Date : 2007/05/31

Company	: Sony Computer Entertainment Inc.	Report No.	: 27JE0092-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-2001	Temp./Humi.	: 25deg. C / 53%
Serial No.	: 03-TSP1200H-0000114-PSPXXXX	Operator	: Kenichi Adachi

Mode / Remarks : WLAN 11b, Tx 2462MHz

LIMIT : FCC15.207 QP
FCC15.207 AV

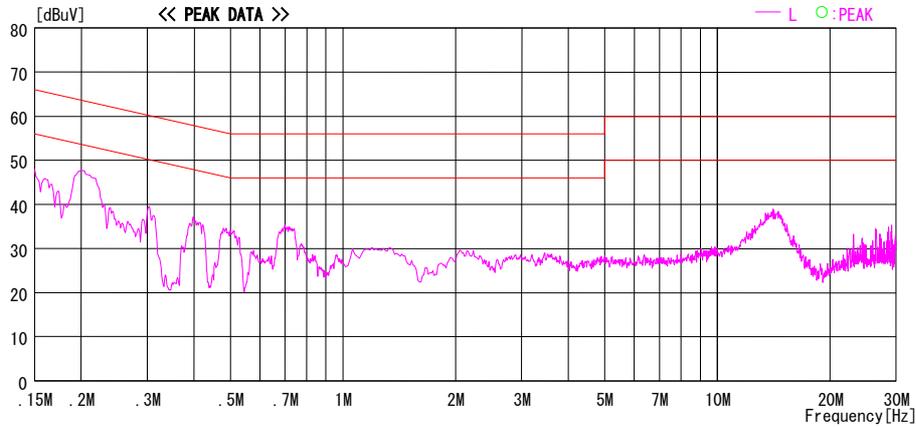
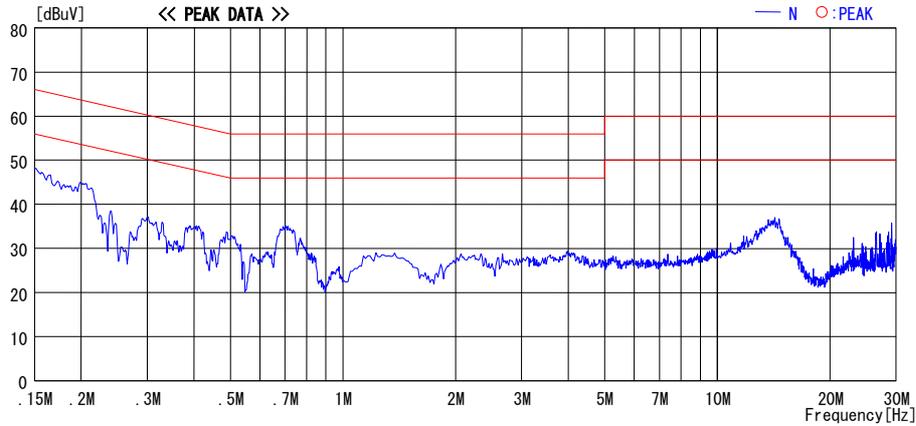


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table: adequate margin data below the limits.

Conducted Emission
Rx, Ch:Mid

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
 Date : 2007/05/31

Company	: Sony Computer Entertainment Inc.	Report No.	: 27JE0092-HO
Kind of EUT	: PSP	Power	: AC 120V / 60Hz
Model No.	: PSP-2001	Temp./Humi.	: 25deg. C / 53%
Serial No.	: 03-TSP1200H-0000114-PSPXXXX	Operator	: Kenichi Adachi

Mode / Remarks : WLAN 11b, Rx 2437MHz

LIMIT : FCC15.107(a) QP
 FCC15.107(a) AV

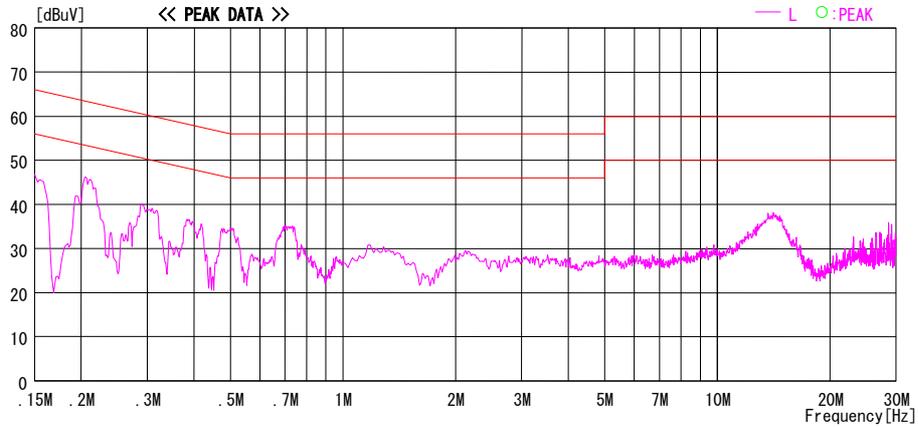
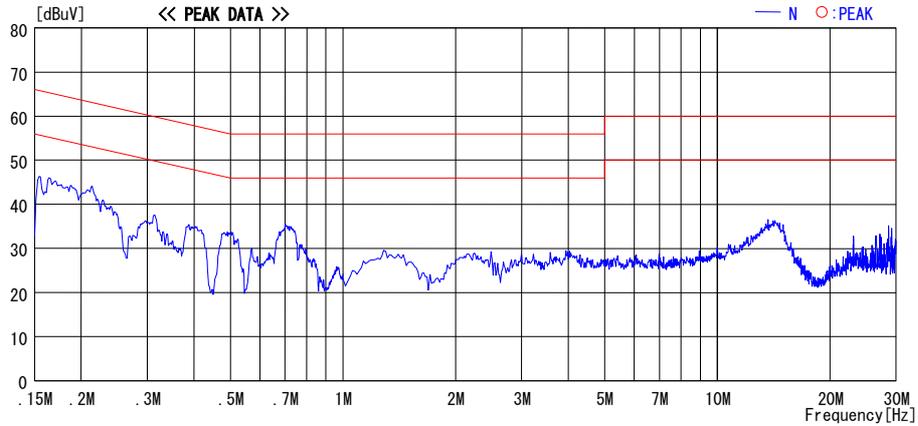


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table: adequate margin data below the limits.

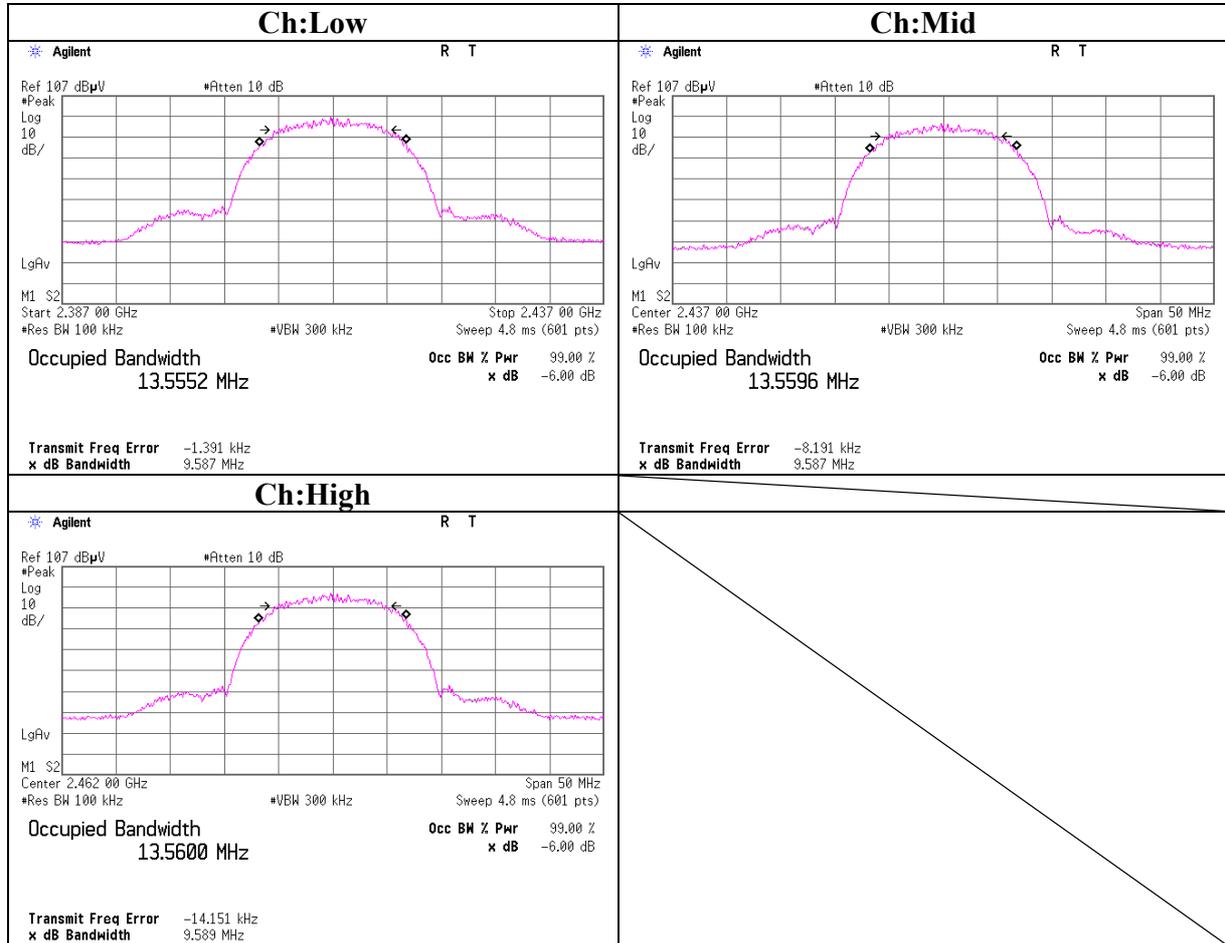
6dB Bandwidth

Company : Sony Computer Entertainment Inc.
Equipment : PSP
Model : PSP-2001
S/N : 03-TSP1200H-0000120-PSPXXXX
Power : AC 120V / 60Hz
Mode : Tx (Ch L, M, H)

UL Japan, Inc.
Head Office EMC Lab. No.6 Measurement room
Report No. : 27JE0092-HO
Regulation : FCC 15.247(a)(2) / RSS-210 A8.2(1)
Test Distance : -
Date : 05/30/2007
Temperature : 22.8 deg.C.
Humidity : 68 %
Engineer : Takumi Shimada

Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2412.0	9.587	>500
Mid	2437.0	9.587	>500
High	2462.0	9.589	>500

6dB Bandwidth



Maximum Peak Output Power

UL Japan, Inc.
Head Office EMC Lab. No.6 Shielded Room

Company	: Sony Computer Entertainment Inc.	REPORT NO	: 27JE0092-HO
Equipment	: PSP	REGULATION	: FCC15.247(b)(3)/RSS-210A8.4(4)
Model	: PSP-2001	TEST DISTANCE	: -
Sample No.	: 03-TSP1200H-0000120-PSPXXXX	DATE	: 05/30/2007
Power	: AC120V/60Hz	TEMPERATURE	: 22.8deg.C.
Mode	: Tx (Ch L, M, H)	HUMIDITY	: 68%
		ENGINEER	: Takumi Shimada

[IEEE802.11b]

Ch	Freq. [MHz]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2412.0	1.05	1.10	10.00	12.15	16.41	30.0	1000	17.85
Mid	2437.0	0.27	1.10	10.00	11.37	13.71	30.0	1000	18.63
High	2462.0	0.76	1.10	10.00	11.86	15.35	30.0	1000	18.14

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 limit is rounded down to one decimal place. *The test result is round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)
Tx, Ch:Low

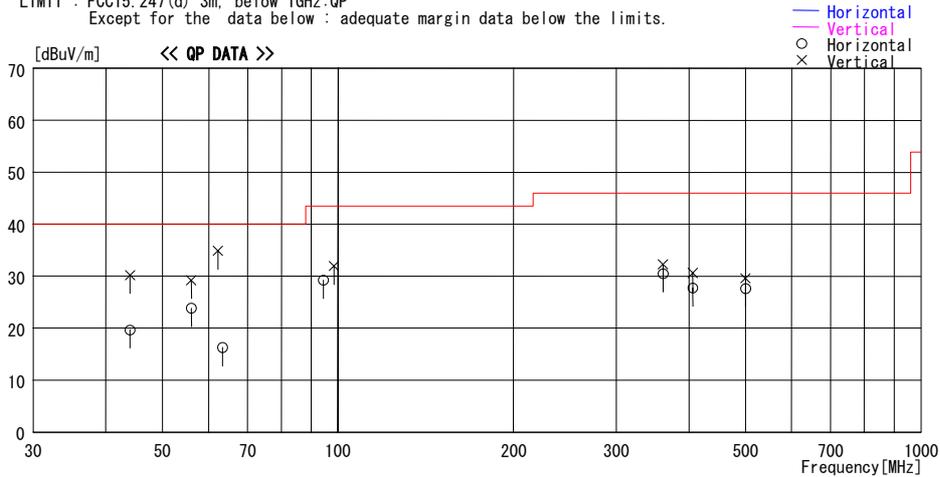
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic
Date : 2007/05/30

Company : Sony Computer Entertainment Inc. Report No. : 27JE0092-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-2001 Temp./Humi. : 26deg. C. / 52%
Serial No. : 03-TSP1200H-0000114-PSPXXXX Operator : Kenichi Adachi

Mode / Remarks : WLAN 11b, Tx 2412MHz, 11Mbps Max-axis:Hor X-axis, Ver Z-axis

LIMIT : FCC15.247(d) 3m, below 1GHz:QP
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Gain [dB]						
44.000	31.9	QP	12.5	-24.7	19.7	96	400	Hori.	40.0	20.3
44.000	42.4	QP	12.5	-24.7	30.2	289	100	Vert.	40.0	9.8
56.010	38.9	QP	9.5	-24.5	23.9	157	382	Hori.	40.0	16.1
56.006	44.2	QP	9.5	-24.5	29.2	229	100	Vert.	40.0	10.8
63.333	32.5	QP	8.2	-24.4	16.3	211	379	Hori.	40.0	23.7
62.247	50.9	QP	8.4	-24.4	34.9	281	100	Vert.	40.0	5.1
94.409	43.7	QP	9.5	-24.0	29.2	245	205	Hori.	43.5	14.3
98.429	45.7	QP	10.2	-24.0	31.9	319	100	Vert.	43.5	11.6
361.158	35.2	QP	17.0	-21.7	30.5	69	100	Hori.	46.0	15.5
361.148	37.0	QP	17.0	-21.7	32.3	0	128	Vert.	46.0	13.7
406.299	31.4	QP	17.7	-21.4	27.7	89	100	Hori.	46.0	18.3
406.299	34.3	QP	17.7	-21.4	30.6	43	127	Vert.	46.0	15.4
500.056	28.8	QP	19.5	-20.7	27.6	198	161	Hori.	46.0	18.4
500.056	30.8	QP	19.5	-20.7	29.6	150	138	Vert.	46.0	16.4

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)

*The limit is rounded down to one decimal place. *The test result is round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)

Tx, Ch:Mid

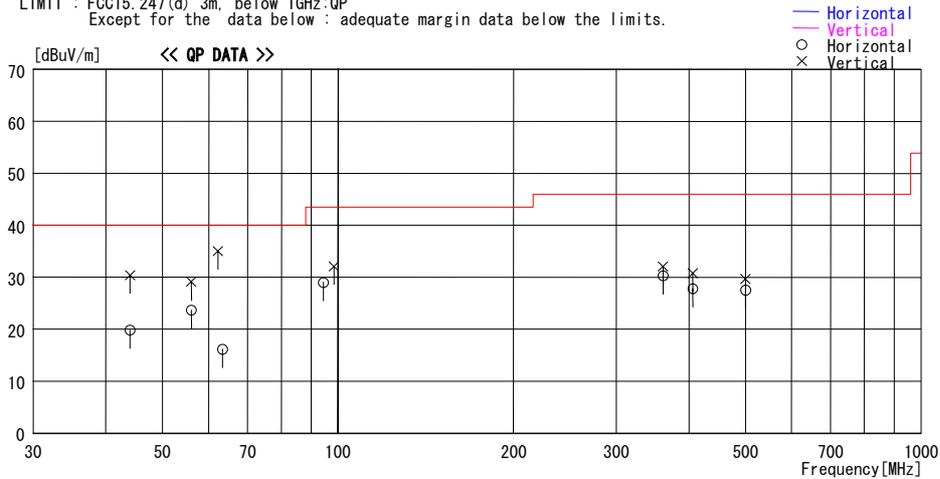
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic
Date : 2007/05/30

Company : Sony Computer Entertainment Inc. Report No. : 27JE0092-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-2001 Temp./Humi. : 26deg. C. / 52%
Serial No. : 03-TSP1200H-0000114-PSPXXXX Operator : Kenichi Adachi

Mode / Remarks : WLAN 11b, Tx 2437MHz, 11Mbps Max-axis:Hor X-axis, Ver Z-axis

LIMIT : FCC15.247(d) 3m, below 1GHz:QP
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit	Margin
			Factor [dB/m]	Gain [dB]					[dBuV/m]	[dB]
44.000	32.0	QP	12.5	-24.7	19.8	98	400	Hori.	40.0	20.2
44.000	42.6	QP	12.5	-24.7	30.4	286	100	Vert.	40.0	9.6
56.001	38.7	QP	9.5	-24.5	23.7	161	378	Hori.	40.0	16.3
56.002	44.1	QP	9.5	-24.5	29.1	224	100	Vert.	40.0	10.9
63.330	32.3	QP	8.2	-24.4	16.1	213	376	Hori.	40.0	23.9
62.253	51.0	QP	8.4	-24.4	35.0	258	100	Vert.	40.0	5.0
94.421	43.5	QP	9.5	-24.0	29.0	247	203	Hori.	43.5	14.5
98.434	45.9	QP	10.2	-24.0	32.1	324	100	Vert.	43.5	11.4
361.152	35.0	QP	17.0	-21.7	30.3	63	100	Hori.	46.0	15.7
361.152	36.8	QP	17.0	-21.7	32.1	0	129	Vert.	46.0	13.9
406.297	31.5	QP	17.7	-21.4	27.8	79	100	Hori.	46.0	18.2
406.297	34.5	QP	17.7	-21.4	30.8	44	123	Vert.	46.0	15.2
500.056	28.7	QP	19.5	-20.7	27.5	199	158	Hori.	46.0	18.5
500.056	30.9	QP	19.5	-20.7	29.7	148	129	Vert.	46.0	16.3

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)

*The limit is rounded down to one decimal place. *The test result is round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)

Tx, Ch:High

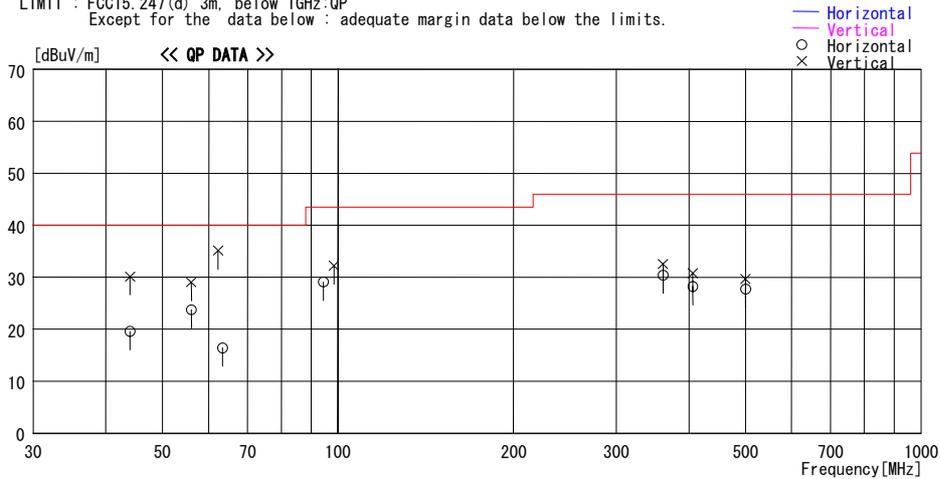
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic
Date : 2007/05/30

Company : Sony Computer Entertainment Inc. Report No. : 27JE0092-HO
Kind of EUT : PSP Power : AC120V / 60Hz
Model No. : PSP-2001 Temp./Humi. : 26deg. C. / 52%
Serial No. : 03-TSP1200H-0000114-PSPXXXX Operator : Kenichi Adachi

Mode / Remarks : WLAN 11b, Tx 2462MHz, 11Mbps Max-axis:Hor X-axis, Ver Z-axis

LIMIT : FCC15.247(d) 3m, below 1GHz:QP
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit	Margin
			Factor [dB/m]	Gain [dB]					[dBuV/m]	[dB]
44.000	31.8	QP	12.5	-24.7	19.6	99	400	Hori.	40.0	20.4
44.000	42.3	QP	12.5	-24.7	30.1	288	100	Vert.	40.0	9.9
56.003	38.8	QP	9.5	-24.5	23.8	167	382	Hori.	40.0	16.2
56.004	44.0	QP	9.5	-24.5	29.0	227	100	Vert.	40.0	11.0
63.332	32.6	QP	8.2	-24.4	16.4	210	382	Hori.	40.0	23.6
62.265	51.1	QP	8.4	-24.4	35.1	247	100	Vert.	40.0	4.9
94.412	43.6	QP	9.5	-24.0	29.1	259	201	Hori.	43.5	14.4
98.432	46.0	QP	10.2	-24.0	32.2	320	100	Vert.	43.5	11.3
361.149	35.1	QP	17.0	-21.7	30.4	69	100	Hori.	46.0	15.6
361.149	37.2	QP	17.0	-21.7	32.5	0	125	Vert.	46.0	13.5
406.297	31.9	QP	17.7	-21.4	28.2	79	100	Hori.	46.0	17.8
406.297	34.4	QP	17.7	-21.4	30.7	355	124	Vert.	46.0	15.3
500.055	28.9	QP	19.5	-20.7	27.7	194	159	Hori.	46.0	18.3
500.055	30.9	QP	19.5	-20.7	29.7	146	126	Vert.	46.0	16.3

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)

*The limit is rounded down to one decimal place. *The test result is round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)

Rx, Ch:Mid

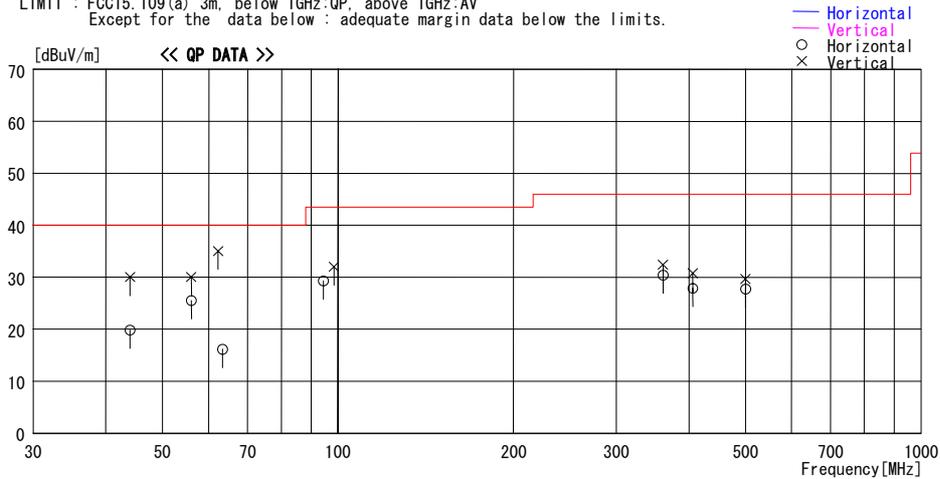
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Model No. : PSP-2001 Temp./Humi. : 26deg. C. / 52%
Serial No. : 03-TSP1200H-0000114-PSPXXXX Operator : Kenichi Adachi

Mode / Remarks : WLAN 11b, Rx 2437MHz, Max-axis:Hor X-axis, Ver Z-axis

LIMIT : FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:AV
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit	Margin
			Factor [dB/m]	Gain [dB]					[dBuV/m]	[dB]
44.000	32.0	QP	12.5	-24.7	19.8	95	400	Hori.	40.0	20.2
44.000	42.2	QP	12.5	-24.7	30.0	299	100	Vert.	40.0	10.0
56.008	40.5	QP	9.5	-24.5	25.5	191	378	Hori.	40.0	14.5
56.009	45.0	QP	9.5	-24.5	30.0	231	100	Vert.	40.0	10.0
63.375	32.3	QP	8.2	-24.4	16.1	209	378	Hori.	40.0	23.9
62.256	51.0	QP	8.4	-24.4	35.0	291	100	Vert.	40.0	5.0
94.405	43.8	QP	9.5	-24.0	29.3	249	207	Hori.	43.5	14.2
98.433	45.8	QP	10.2	-24.0	32.0	323	100	Vert.	43.5	11.5
361.149	35.1	QP	17.0	-21.7	30.4	67	100	Hori.	46.0	15.6
361.149	37.1	QP	17.0	-21.7	32.4	0	126	Vert.	46.0	13.6
406.294	31.6	QP	17.7	-21.4	27.9	87	100	Hori.	46.0	18.1
406.295	34.4	QP	17.7	-21.4	30.7	41	126	Vert.	46.0	15.3
500.053	28.9	QP	19.5	-20.7	27.7	197	159	Hori.	46.0	18.3
500.057	30.9	QP	19.5	-20.7	29.7	147	135	Vert.	46.0	16.3

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)

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Radiated Spurious Emission (above 1GHz)
Tx, Ch:Low

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc.	Report No. : 27JE0092-HO
Equipment : PSP	Regulation : FCC 15.247(d) / RSS-210 A8.5
Model : PSP-2001	Test Distance : 3m / 1m
S/N : 03-TSP1200H-0000114-PSPXXXX	Date : 05/24/2007
Power : AC 120V / 60Hz	Temperature : 24 deg.C.
Mode : WLAN 11b, Tx 2412MHz	Humidity : 42 %
EUT-Axis : Hor X-axis / Ver Z-axis	Engineer : Takumi Shimada

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.0	47.8	46.4	27.1	32.3	3.2	0.0	45.8	44.4	73.9	28.1	29.5
2	2400.0	58.7	56.0	27.1	32.3	3.3	0.0	56.8	54.1	73.9	17.1	19.8
3	4824.0	47.1	45.9	31.3	31.6	4.5	0.1	51.4	50.2	73.9	22.5	23.7
4	7336.0	46.4	46.3	35.8	31.4	5.3	0.4	56.5	56.4	73.9	17.4	17.5
5	9648.0	43.9	43.7	38.6	31.9	6.2	0.7	57.5	57.3	73.9	16.4	16.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12060.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
7	14472.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
8	16884.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
9	19296.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
10	21708.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
11	24120.0	48.7	48.3	40.7	30.7	10.4	0.0	59.6	59.2	73.9	14.3	14.7

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.0	34.6	33.6	27.1	32.3	3.2	0.0	32.6	31.6	53.9	21.3	22.3
2	2400.0	48.1	45.8	27.1	32.3	3.3	0.0	46.2	43.9	53.9	7.7	10.0
3	4824.0	32.3	30.8	31.3	31.6	4.5	0.1	36.6	35.1	53.9	17.3	18.8
4	7336.0	32.8	30.2	35.8	31.4	5.3	0.4	42.9	40.3	53.9	11.0	13.6
5	9648.0	30.4	30.2	38.6	31.9	6.2	0.7	44.0	43.8	53.9	9.9	10.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12060.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
7	14472.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
8	16884.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
9	19296.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
10	21708.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
11	24120.0	35.4	35.3	40.7	30.7	10.4	0.0	46.3	46.2	53.9	7.6	7.7

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 limit is rounded down to one decimal place. *The test result is round off to one or two decimal places, so some differences might be observed.

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission

Tx, Ch:Mid

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc. Report No. : 27JE0092-HO
Equipment : PSP Regulation : FCC 15.247(d) / RSS-210 A8.5
Model : PSP-2001 Test distance : 3m/1m
Sample No. : 03-TSP1200H-0000114-PSPXXXX Date : 05/24/2007
Power : AC 120 V / 60 Hz Temperature : 24deg.C
Mode : WLAN 11b, Tx 2437MHz Humidity : 42%
Remarks : Hor X-axis / Ver Z-axis Engineer : Takumi Shimada

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4874.0	45.8	50.0	31.4	31.6	4.5	0.0	50.1	54.3	73.9	23.8	19.6
2	7311.0	43.9	50.0	35.9	31.4	5.3	0.4	54.1	60.2	73.9	19.8	13.7
3	9748.0	43.0	50.0	38.7	32.0	6.2	0.7	56.6	63.6	73.9	17.3	10.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12185.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
5	14622.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
6	17059.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
7	19496.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
8	21933.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
9	24370.0	48.4	47.7	40.7	30.6	10.4	0.0	59.4	58.7	73.9	14.5	15.2

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4874.0	32.0	30.8	31.4	31.6	4.5	0.0	36.3	35.1	53.9	17.6	18.8
2	7311.0	30.0	29.8	35.9	31.4	5.3	0.4	40.2	40.0	53.9	13.7	13.9
3	9748.0	29.8	29.9	38.7	32.0	6.2	0.7	43.4	43.5	53.9	10.5	10.4
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12185.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
5	14622.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
6	17059.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
7	19496.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
8	21933.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
9	24370.0	34.9	34.9	40.7	30.6	10.4	0.0	45.9	45.9	53.9	8.0	8.0

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 limit is rounded down to one decimal place. *The test result is round off to one or two decimal places, so some differences might be observed

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

UL Japan, Inc.

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Radiated Spurious Emission

Tx, Ch:High

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Sony Computer Entertainment Inc.	Report No.	: 27JE0092-HO
Equipment	: PSP	Regulation	: FCC 15.247(d) / RSS-210 A8.5
Model	: PSP-2001	Test distance	: 3m/1m
Sample No.	: 03-TSP1200H-0000114-PSPXXXX	Date	: 05/24/2007
Power	: AC 120 V / 60 Hz	Temperature	: 24deg.C
Mode	: WLAN 11b, Tx 2462MHz	Humidity	: 42%
Remarks	: Hor X-axis / Ver Z-axis	Engineer	: Takumi Shimada

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2483.5	49.3	49.1	27.2	32.3	3.1	0.0	47.3	47.1	73.9	26.6	26.8
2	4924.0	52.0	48.4	31.5	31.6	4.6	0.0	56.5	52.9	73.9	17.4	21.0
3	7386.0	45.8	48.9	36.1	31.4	5.4	0.5	56.4	59.5	73.9	17.5	14.4
4	9920.0	42.5	43.7	38.8	32.0	6.2	0.7	56.2	57.4	73.9	17.7	16.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12310.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
6	14772.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
7	17234.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
8	19696.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
9	22158.0	Not Found	Not Found	-	-	-	-	-	-	73.9	-	-
10	24620.0	46.8	47.4	40.8	30.6	10.6	0.0	58.1	58.7	73.9	15.8	15.2

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2483.5	36.5	36.1	27.2	32.3	3.1	0.0	34.5	34.1	53.9	19.4	19.8
2	4924.0	35.8	33.5	31.5	31.6	4.6	0.0	40.3	38.0	53.9	13.6	15.9
3	7386.0	32.6	35.6	36.1	31.4	5.4	0.5	43.2	46.2	53.9	10.7	7.7
4	9920.0	30.7	31.9	38.8	32.0	6.2	0.7	44.4	45.6	53.9	9.5	8.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12310.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
6	14772.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
7	17234.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
8	19696.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
9	22158.0	Not Found	Not Found	-	-	-	-	-	-	53.9	-	-
10	24620.0	33.6	33.8	40.8	30.6	10.6	0.0	44.9	45.1	53.9	9.0	8.8

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 limit is rounded down to one decimal place. *The test result is round off to one or two decimal places, so some differences might be observed

*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

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Radiated Spurious Emission

Rx, Ch:Mid

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company	: Sony Computer Entertainment Inc.	Report No.	: 27JE0092-HO
Equipment	: PSP	Regulation	: FCC 15.247(d) / RSS-210 A8.5
Model	: PSP-2001	Test distance	: 3m/1m
Sample No.	: 03-TSP1200H-0000114-PSPXXXX	Date	: 05/24/2007
Power	: AC 120 V / 60 Hz	Temperature	: 24deg.C
Mode	: WLAN 11b, Rx 2437MHz	Humidity	: 42%
Remarks	: Hor X-axis / Ver Z-axis	Engineer	: Takumi Shimada

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2437.0	43.0	42.4	27.2	32.3	3.3	0.0	41.2	40.6	73.9	32.7	33.3
2	4874.0	42.5	41.6	31.4	31.6	4.5	0.0	46.8	45.9	73.9	27.1	28.0
3	7311.0	43.2	42.7	35.9	31.4	5.3	0.0	53.0	52.5	73.9	20.9	21.4
4	9748.0	43.1	42.5	38.7	32.0	6.2	0.0	56.0	55.4	73.9	17.9	18.5

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2437.0	30.0	30.0	27.2	32.3	3.3	0.0	28.2	28.2	53.9	25.7	25.7
2	4874.0	29.0	28.9	31.4	31.6	4.5	0.0	33.3	33.2	53.9	20.6	20.7
3	7311.0	29.5	29.5	35.9	31.4	5.3	0.0	39.3	39.3	53.9	14.6	14.6
4	9748.0	29.8	29.7	38.7	32.0	6.2	0.0	42.7	42.6	53.9	11.2	11.3

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*The limit is rounded down to one decimal place. *The test result is round off to one or two decimal places, so some differences might be observed.

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

UL Japan, Inc.

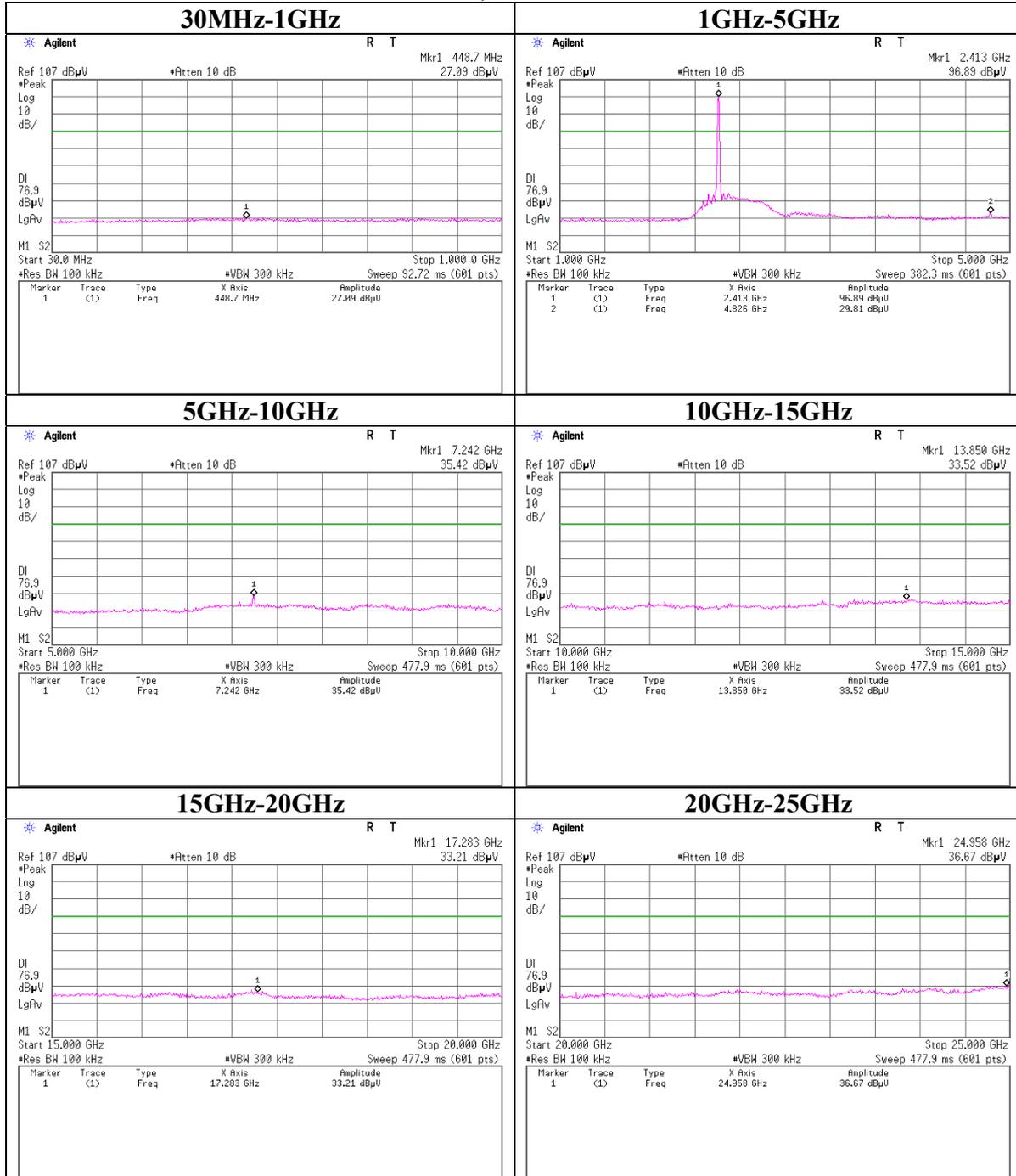
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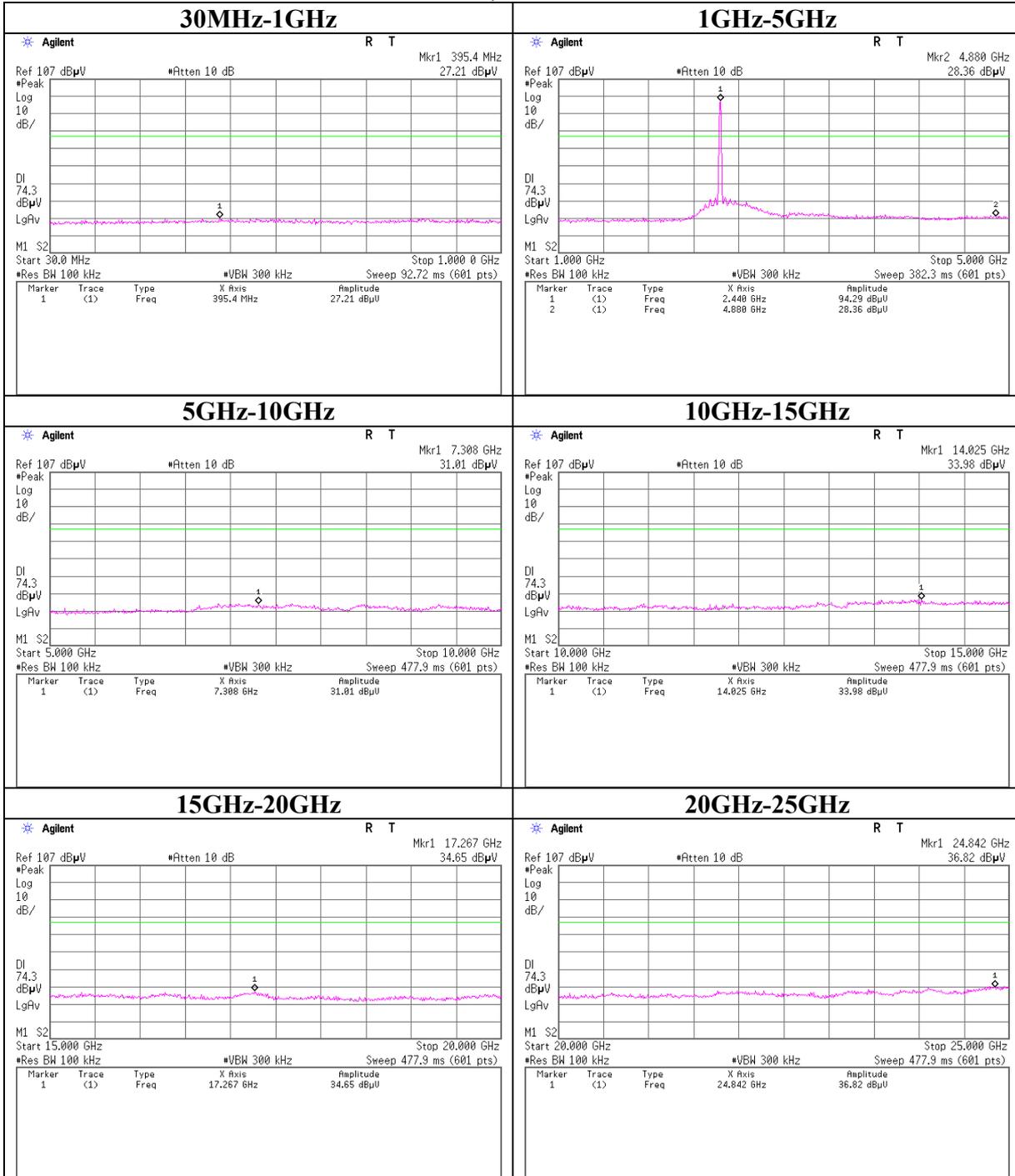
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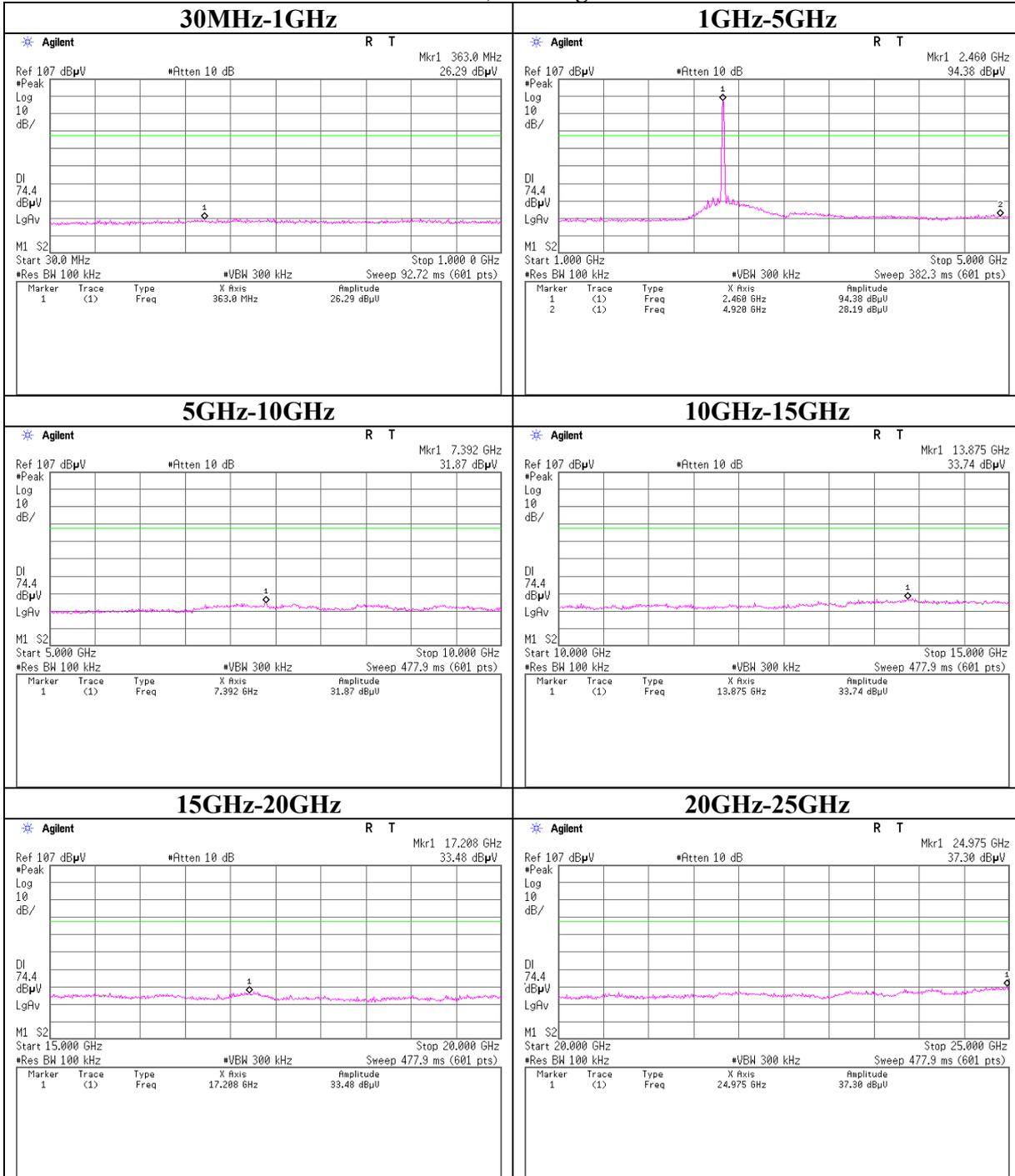
Conducted Spurious Emission
Tx, Ch: Low



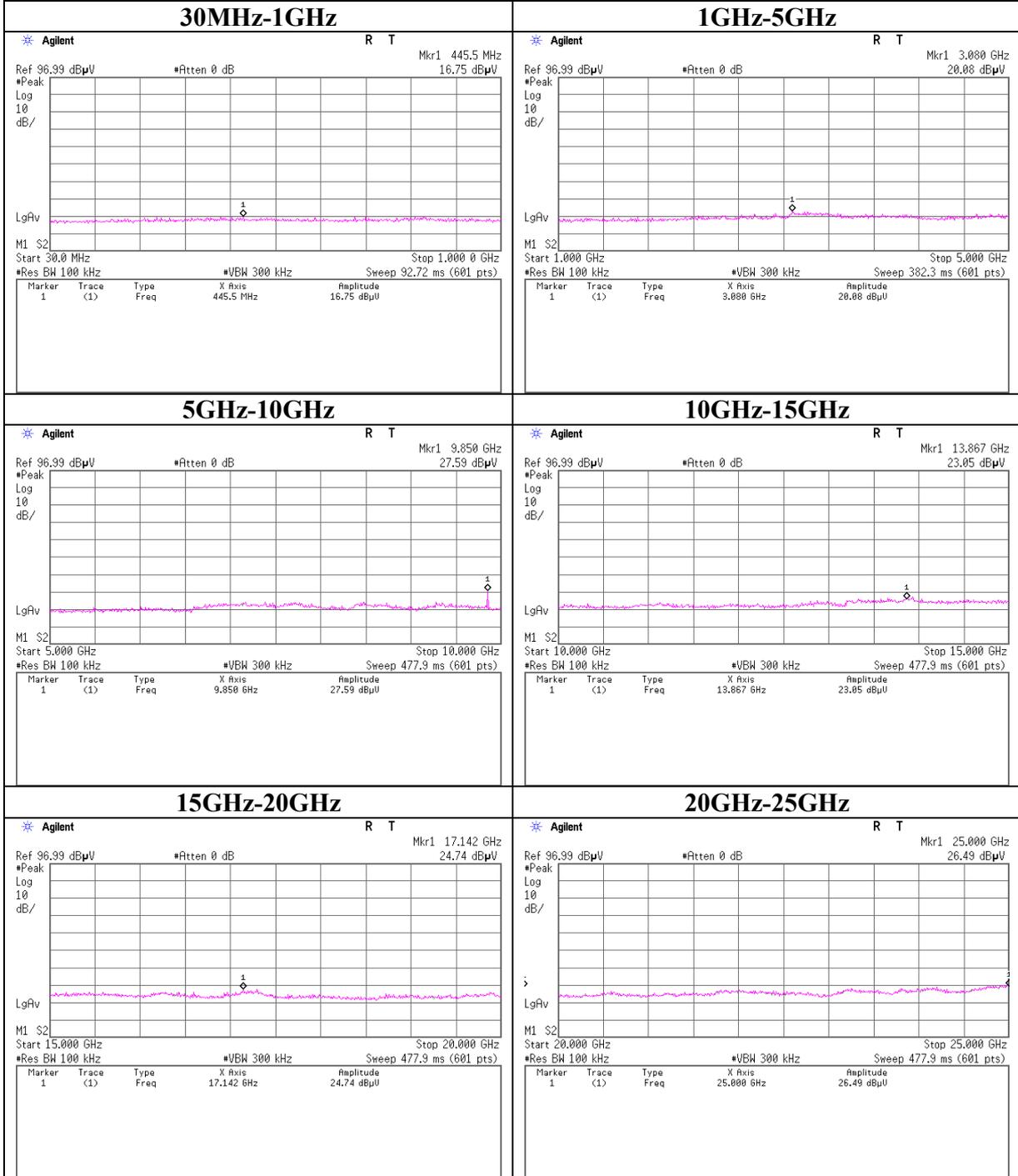
Conducted Spurious Emission
Tx, Ch: Mid



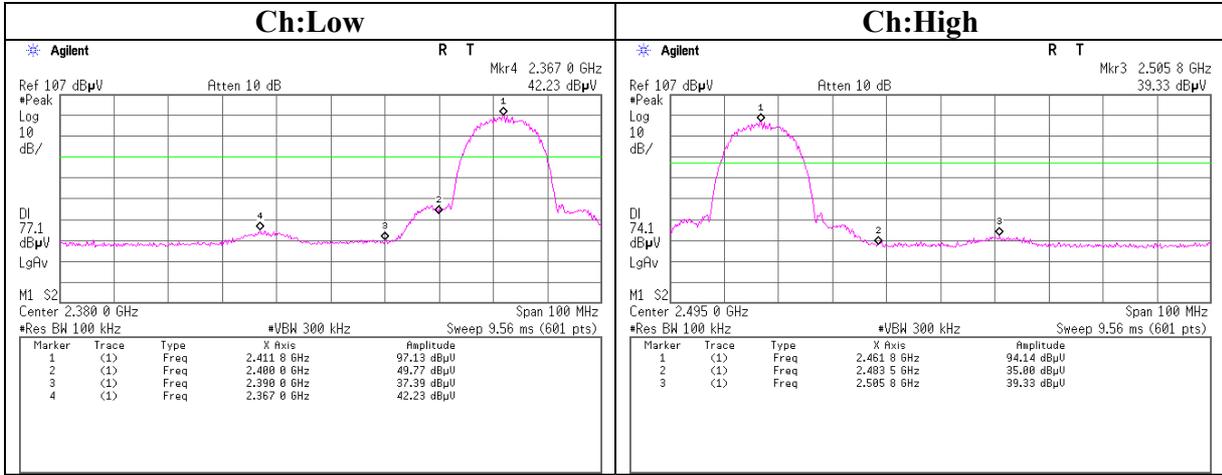
Conducted Spurious Emission
Tx, Ch: High



Conducted Spurious Emission
Rx, Ch: Mid



Conducted emission Band Edge compliance



Power Density

UL Japan, Inc.
Head Office EMC Lab. No.6 Shielded Room

Company : Sony Computer Entertainment Inc. REPORT NO : 27JE0090-HO
Equipment : PSP REGULATION : FCC15.247(e)/RSS-210A8.2(2)
Model : PSP-2001 TEST DISTANCE : -
Sample No. : 03-TSP1200H-0000120-PSPXXXX DATE : 05/30/2007
Power : AC120V/60Hz TEMPERATURE : 22.8deg.C.
Mode : Tx (Ch L, M, H) HUMIDITY : 68%
ENGINEER : Takumi Shimada

[IEEE802.11b]

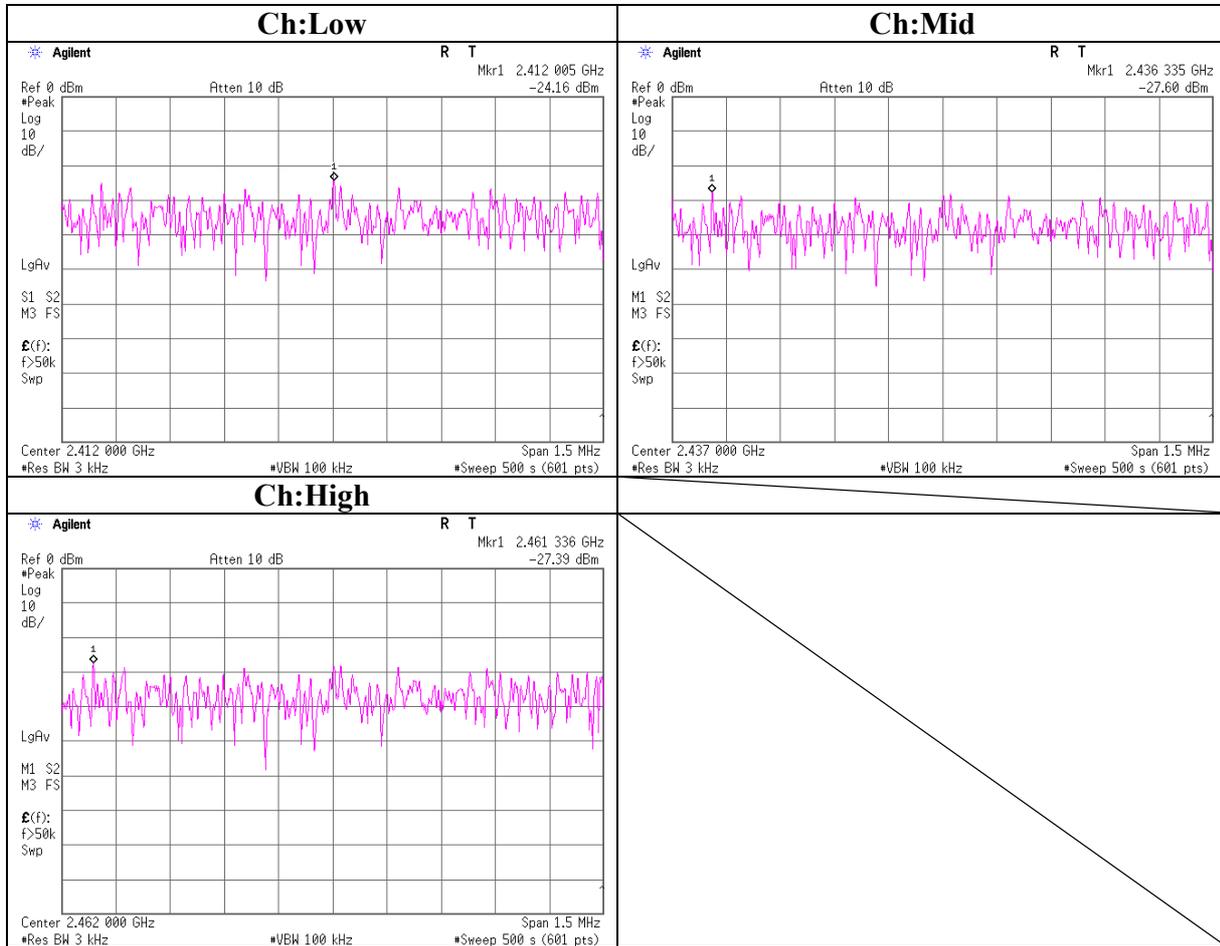
Ch	Freq. [MHz]	Reading [dBm]	Cable [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2412.0	-24.16	1.1	10.0	-13.1	8.0	21.1
Mid	2437.0	-27.60	1.1	10.0	-16.5	8.0	24.5
High	2462.0	-27.39	1.1	10.0	-16.3	8.0	24.3

Sample Calculation:

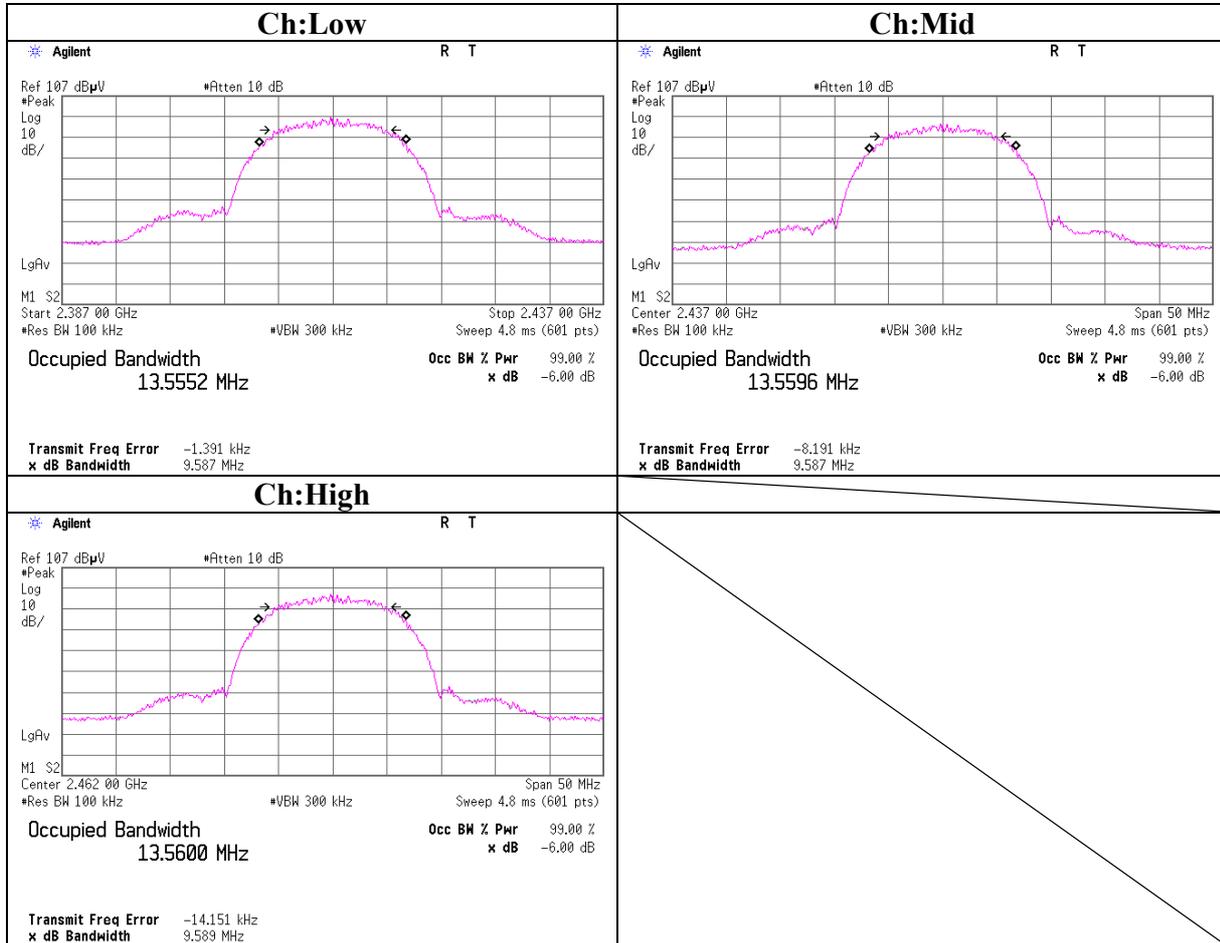
Result = Reading + Cable Loss (splied by customer) + Attenuator

*The limit is rounded down to one decimal place. *The test result is round off to one or two decimal places, so some differences might be observed.

Power Density



99% Occupied Bandwidth



APPENDIX 3:Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2007/04/02 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	RE	2006/06/02 * 12
MHA-06	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2007/01/30 * 12
MHA-02	Horn Antenna	EMCO	3160-09	RE	2007/01/30 * 12
MCC-16	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	RE	2007/02/22 * 12
MCC-47	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2006/08/29 * 12
MHF-06	High Pass Filter 3.5-24GHz	Tokimec	TF323DCA	RE	2006/05/20 * 12
MPA-10	Pre Amplifier	Agilent	8449B	RE	2006/09/11 * 12
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE / CE	-
MOS-02	Digital Humidity Indicator	N.T	NT-1800	RE	2006/11/27 * 12
MJM-05	Measure	PROMART	SEN1955	RE	-
MSA-03	Spectrum Analyzer	Agilent	E4448A	AT	2006/09/13 * 12
MPM-09	Power Meter	Anritsu	ML2495A	AT	2006/09/20 * 12
MPSE-12	Power sensor	Anritsu	MA2411B	AT	2006/09/20 * 12
MAT-25	Attenuator(10dB)(above 1GHz)	Agilent	8493C	AT	2006/06/02 * 12
MOS-14	Thermo-Hygrometer	Custom	CTH-180	AT	2006/01/19 * 24
MAEC-04	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE / CE	2007/03/03 * 12
MCC-50	Coaxial cable	UL Apex	-	RE / CE	2007/03/06 * 12
MPA-14	Pre Amplifier	SONOMA INSTRUMENT	310	RE	2007/03/12 * 12
MAT-31	Attenuator(6dB)	TME	UFA-01	RE	2007/03/05 * 12
MBA-05	Biconical Antenna	Schwarzbeck	BBA9106	RE	2007/01/19 * 12
MLA-08	Logperiodic Antenna	Schwarzbeck	UKLP9140-A	RE	2007/01/19 * 12
MOS-15	Thermo-Hygrometer	Custom	CTH-180	RE / CE	2006/01/19 * 24
MJM-07	Measure	PROMART	SEN1955	RE / CE	-
MLS-07	LISN(AMN)	Schwarzbeck	NSLK8127	CE (EUT)	2007/02/22 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	CE (AE)	2007/02/22 * 12
MTA-07	Terminator	MCL	BTRM-50	CE	2007/02/01 * 12

The expiration date of the calibration is the end of the expired month.

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

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

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