APPENDIX 2: Data of EMI test

Conducted Emission
Tx, Ch: Low

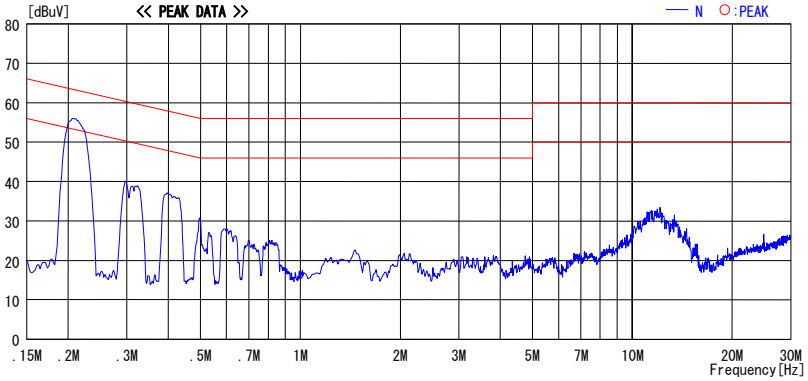
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/03/20

Company	: Sony Computer Entertainment Inc.	Report No.	: 29HE0053-HO-01
Kind of EUT	: Handheld Entertainment System	Power	: AC 120V / 60Hz
Model No.	: PSP-N1001	Temp./Humi.	: 22deg.C. /57%
Serial No.	: 0000605	Engineer	: Takayuki Shimada

Mode / Remarks : WLAN Tx, 11b, 11Mbps, 2412MHz

LIMIT : FCC15.207 QP
FCC15.207 AV



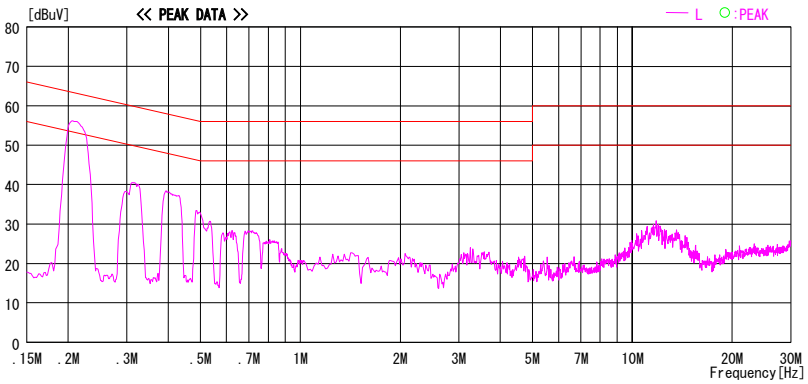


CHART:WITH FACTOR,Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB](LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
Tx, Ch: Mid

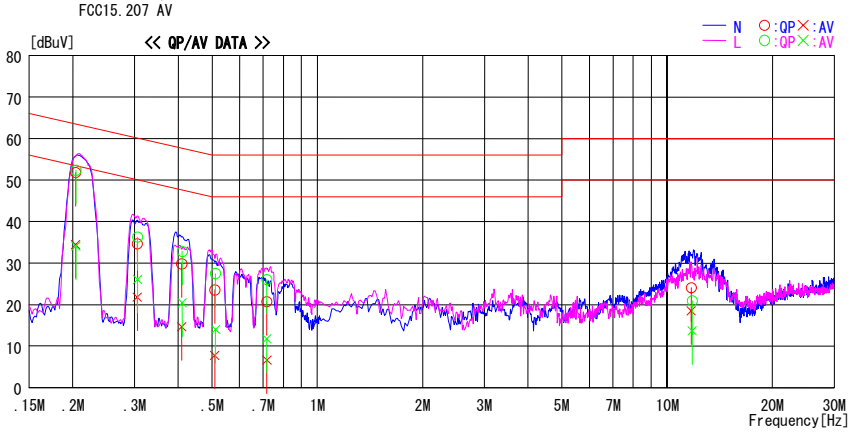
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/03/20

Company	: Sony Computer Entertainment Inc.	Report No.	: 29HE0053-HO-01
Kind of EUT	: Handheld Entertainment System	Power	: AC 120V / 60Hz
Model No.	: PSP-N1001	Temp./Humi.	: 22deg.C. /57%
Serial No.	: 0000605	Engineer	: Takayuki Shimada

Mode / Remarks : WLAN Tx, 11b, 11Mbps, 2437MHz

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency	Reading Level		Corr.	Results		Limit		Margin		Phase	Comment
	QP	AV	Factor	QP	AV	QP	AV	QP	AV		
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
0.20375	51.5	34.2	0.3	51.8	34.5	63.5	53.5	11.7	19.0	N	
0.30585	34.4	21.5	0.3	34.7	21.8	60.1	50.1	25.4	28.3	N	
0.40941	29.5	14.4	0.3	29.8	14.7	57.7	47.7	27.9	33.0	N	
0.50895	23.2	7.5	0.3	23.5	7.8	56.0	46.0	32.5	38.2	N	
0.71734	20.3	6.3	0.4	20.7	6.7	56.0	46.0	35.3	39.3	N	
11.70817	22.6	17.0	1.5	24.1	18.5	60.0	50.0	35.9	31.5	N	
0.20415	52.1	33.8	0.3	52.4	34.1	63.4	53.4	11.0	19.3	L	
0.30625	36.0	25.8	0.3	36.3	26.1	60.1	50.1	23.8	24.0	L	
0.41085	32.5	20.1	0.3	32.8	20.4	57.6	47.6	24.8	27.2	L	
0.51175	27.2	13.7	0.3	27.5	14.0	56.0	46.0	28.5	32.0	L	
0.71630	25.6	11.4	0.4	26.0	11.8	56.0	46.0	30.0	34.2	L	
11.78817	19.4	12.2	1.5	20.9	13.7	60.0	50.0	39.1	36.3	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 test result is rounded off to one or two decimal places, so some differences might be observed.

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Conducted Emission
Tx, Ch: High

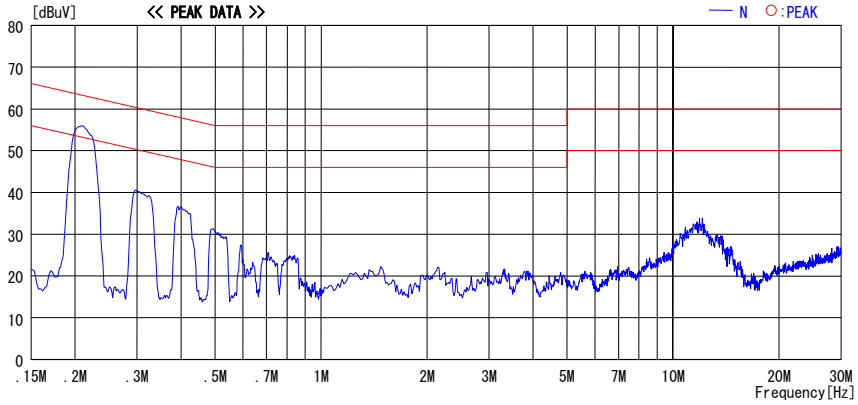
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/03/20

Company	: Sony Computer Entertainment Inc.	Report No.	: 29HE0053-HO-01
Kind of EUT	: Handheld Entertainment System	Power	: AC 120V / 60Hz
Model No.	: PSP-N1001	Temp./Humi.	: 22deg.C. /57%
Serial No.	: 0000605	Engineer	: Takayuki Shimada

Mode / Remarks : WLAN Tx, 11b, 11Mbps, 2462MHz

LIMIT : FCC15.207 QP
FCC15.207 AV



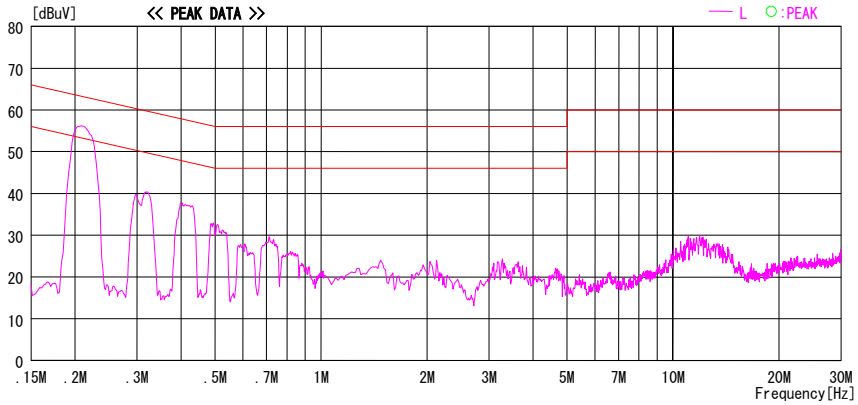


CHART:WITH FACTOR,Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB](LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
Rx, Ch: Mid

DATA OF CONDUCTED EMISSION TEST

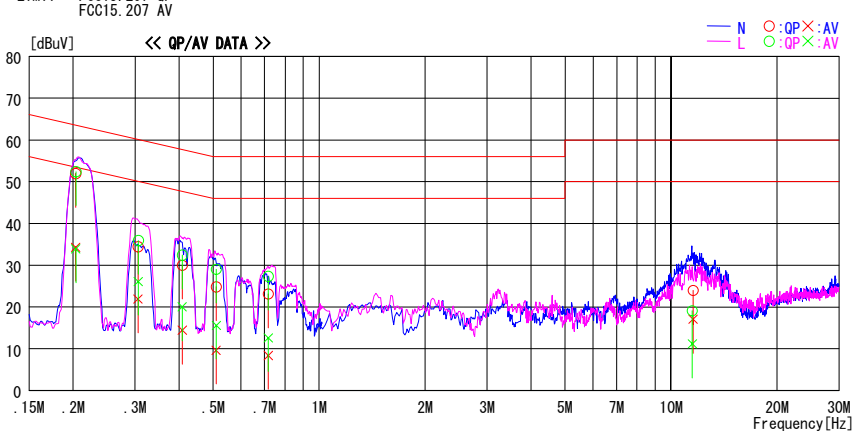
UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/03/20

Company : Sony Computer Entertainment Inc.
Kind of EUT : Handheld Entertainment System
Model No. : PSP-N1001
Serial No. : 0000605

Report No. : 29HE0053-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 22deg.C. /57%
Engineer : Takayuki Shimada

Mode / Remarks : WLAN Rx, 11b, 11Mbps, 2437MHz

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency	Reading Level QP	Reading Level AV	Corr. Factor	Results QP	Results AV	Limit QP	Limit AV	Margin QP	Margin AV	Phase	Comment
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
0.20345	51.7	34.0	0.3	52.0	34.3	63.5	53.5	11.5	19.2	N	
0.30582	34.1	21.6	0.3	34.4	21.9	60.1	50.1	25.7	28.2	N	
0.40875	29.7	14.1	0.3	30.0	14.4	57.7	47.7	27.7	33.3	N	
0.50995	24.5	9.3	0.3	24.8	9.6	56.0	46.0	31.2	36.4	N	
0.71695	22.7	8.0	0.4	23.1	8.4	56.0	46.0	32.9	37.6	N	
11.55400	22.4	15.5	1.5	23.9	17.0	60.0	50.0	36.1	33.0	N	
0.20375	52.1	33.6	0.3	52.4	33.9	63.5	53.5	11.1	19.6	L	
0.30623	35.6	25.8	0.3	35.9	26.1	60.1	50.1	24.2	24.0	L	
0.40812	32.1	19.7	0.3	32.4	20.0	57.7	47.7	25.3	27.7	L	
0.51055	28.7	15.3	0.3	29.0	15.6	56.0	46.0	27.0	30.4	L	
0.71752	26.9	12.2	0.4	27.3	12.6	56.0	46.0	28.7	33.4	L	
11.48717	17.6	9.6	1.5	19.1	11.1	60.0	50.0	40.9	38.9	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 test result is rounded off to one or two decimal places, so some differences might be observed.

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6dB Bandwidth

UL Japan, Inc.
Head Office EMC Lab. No.11 measurement room

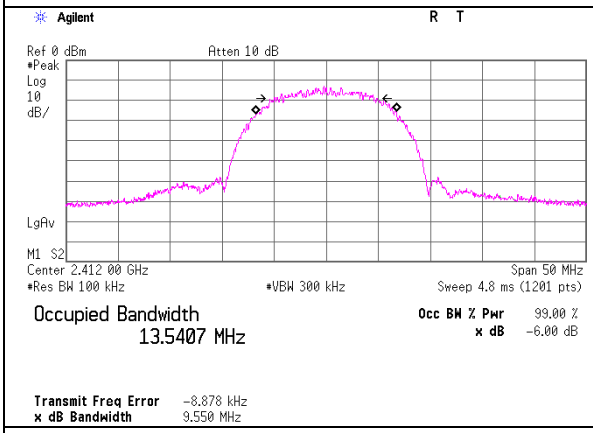
Company	Sony Computer Entertainment Inc.	Regulation	FCC15.247(a)(2) / RSS-210 A8.2(a)
Equipment	Handheld Entertainment System	Test Distance	-
Model	PSP-N1001	Date	03/18/2009
S/N	0000707	Temperature	25 deg.C.
Power	AC 120V / 60Hz	Humidity	39 %
Mode	IEEE802.11b, Tx, 11Mbps	Engineer	Takayuki Shimada

[IEEE802.11b]

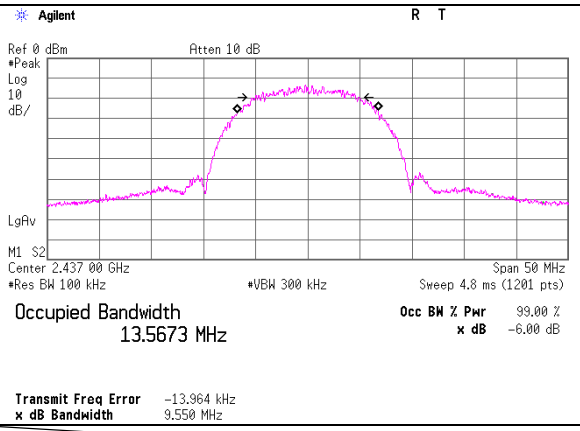
Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2412.0	9.550	>500
Mid	2437.0	9.550	>500
High	2462.0	9.550	>500

6dB Bandwidth

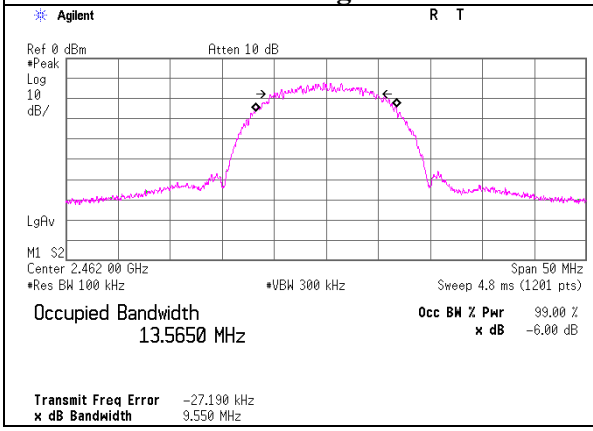
Ch: Low



Ch: Mid



Ch: High



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Maximum Peak Output Power

UL Japan, Inc.
Head Office EMC Lab. No.11 measurement room

Company	Sony Computer Entertainment Inc.	Regulation	FCC15.247(b)(3) / RSS-210 A8.4(4)
Equipment	Handheld Entertainment System	Test Distance	-
Model	PSP-N1001	Date	03/18/2009
S/N	0000707	Temperature	25 deg.C.
Power	AC 120V / 60Hz	Humidity	39 %
Mode	IEEE802.11b, Tx	Engineer	Takayuki Shimada

[IEEE802.11b , Pre Check]

Ch	Freq.	Bit Rate	P/M(PK) Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[Mbps]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Mid	2437.0	1.0	-1.59	1.37	9.98	9.76	9.46	30.00	1000	20.24
Mid	2437.0	2.0	-1.61	1.37	9.98	9.74	9.42	30.00	1000	20.26
Mid	2437.0	5.5	-2.61	1.37	9.98	8.74	7.48	30.00	1000	21.26
Mid	2437.0	11.0	-1.55	1.37	9.98	9.80	9.55	30.00	1000	20.20

[IEEE802.11b]

Ch	Freq.	Bit Rate	P/M(PK) Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[Mbps]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Low	2412.0	11.0	-1.24	1.37	9.98	10.11	10.26	30.00	1000	19.89
Mid	2437.0	11.0	-1.55	1.37	9.98	9.80	9.55	30.00	1000	20.20
High	2462.0	11.0	-1.21	1.37	9.98	10.14	10.33	30.00	1000	19.86

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

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

DATA OF RADIATED EMISSION TEST

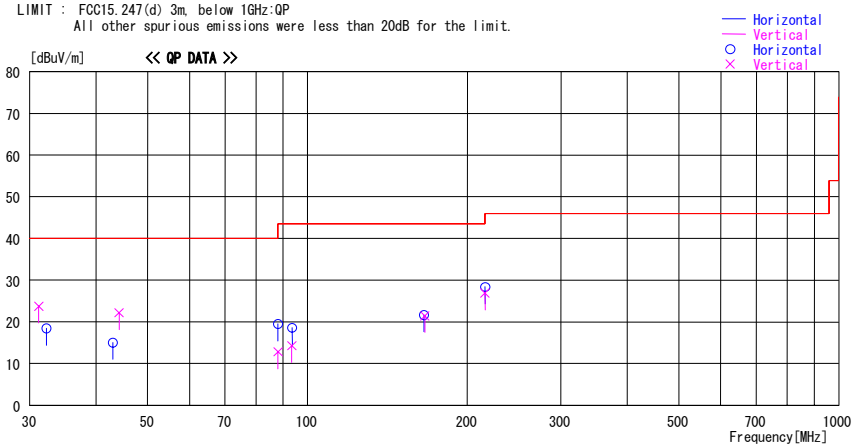
UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/03/20

Company : Sony Computer Entertainment Inc.
Kind of EUT : Handheld Entertainment System
Model No. : PSP-N1001
Serial No. : 0000605

Report No. : 29HE0053-HO-01
Power : AC120V / 60Hz
Temp./Humi. : 20deg.C. / 45%
Engineer : Takayuki Shimada

Mode / Remarks : WLAN 2412MHz, Tx, Worst-axis(Hor:X, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP
All other spurious emissions were less than 20dB for the limit.



Frequency	Reading	DET	Antenna Factor	Loss & Gain	Level	Angle	Height	Polar.	Limit	Margin
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]
31.224	27.0	QP	18.7	-21.9	23.8	8	100	Vert.	40.0	16.2
32.251	22.0	QP	18.2	-21.8	18.4	354	371	Hori.	40.0	21.6
43.015	24.1	QP	12.7	-21.8	15.0	82	327	Hori.	40.0	25.0
44.233	31.8	QP	12.2	-21.8	22.2	359	100	Vert.	40.0	17.8
88.005	32.7	QP	8.1	-21.3	19.5	52	221	Hori.	43.5	24.0
88.005	26.0	QP	8.1	-21.3	12.8	349	341	Vert.	43.5	30.7
93.537	30.5	QP	9.2	-21.1	18.6	32	303	Hori.	43.5	24.9
93.470	26.2	QP	9.2	-21.1	14.3	313	100	Vert.	43.5	29.2
165.730	26.3	QP	15.7	-20.3	21.7	346	276	Hori.	43.5	21.8
166.260	26.1	QP	15.7	-20.3	21.5	154	100	Vert.	43.5	22.0
215.999	31.4	QP	16.7	-19.7	28.4	349	100	Hori.	43.5	15.1
215.997	29.9	QP	16.7	-19.7	26.9	155	100	Vert.	43.5	16.6

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)

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

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

DATA OF RADIATED EMISSION TEST

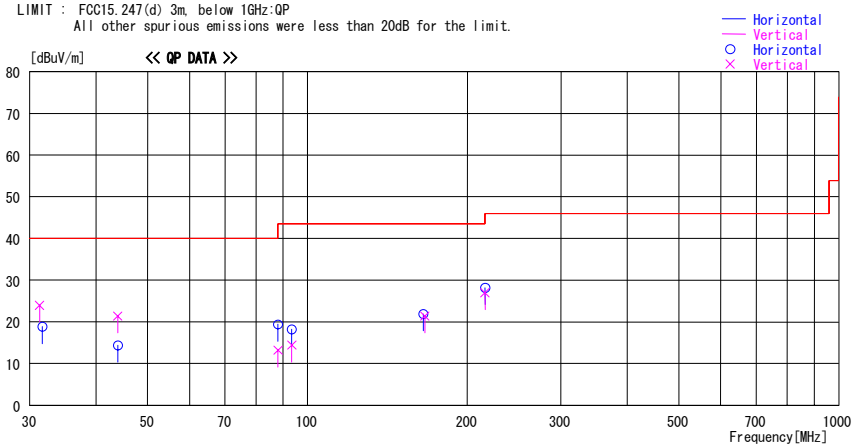
UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/03/20

Company : Sony Computer Entertainment Inc.
Kind of EUT : Handheld Entertainment System
Model No. : PSP-N1001
Serial No. : 0000605

Report No. : 29HE0053-HO-01
Power : AC120V / 60Hz
Temp./Humi. : 20deg.C. / 45%
Engineer : Takayuki Shimada

Mode / Remarks : WLAN 2437MHz, Tx, Worst-axis(Hor:X, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss & Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
31.325	27.2	QP	18.7	-21.9	24.0	6	100	Vert.	40.0	16.0
31.720	22.2	QP	18.5	-21.9	18.8	2	369	Hori.	40.0	21.2
43.950	30.9	QP	12.3	-21.8	21.4	0	100	Vert.	40.0	18.6
43.950	23.9	QP	12.3	-21.8	14.4	91	312	Hori.	40.0	25.6
88.005	26.4	QP	8.1	-21.3	13.2	349	338	Vert.	43.5	30.3
88.005	32.6	QP	8.1	-21.3	19.4	54	209	Hori.	43.5	24.1
93.490	30.1	QP	9.2	-21.1	18.2	43	301	Hori.	43.5	25.3
93.496	26.3	QP	9.2	-21.1	14.4	332	100	Vert.	43.5	29.1
166.258	26.0	QP	15.7	-20.3	21.4	153	100	Vert.	43.5	22.1
165.249	26.5	QP	15.7	-20.3	21.9	350	281	Hori.	43.5	21.6
215.998	31.2	QP	16.7	-19.7	28.2	331	105	Hori.	43.5	15.3
215.985	30.0	QP	16.7	-19.7	27.0	164	100	Vert.	43.5	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)

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

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

DATA OF RADIATED EMISSION TEST

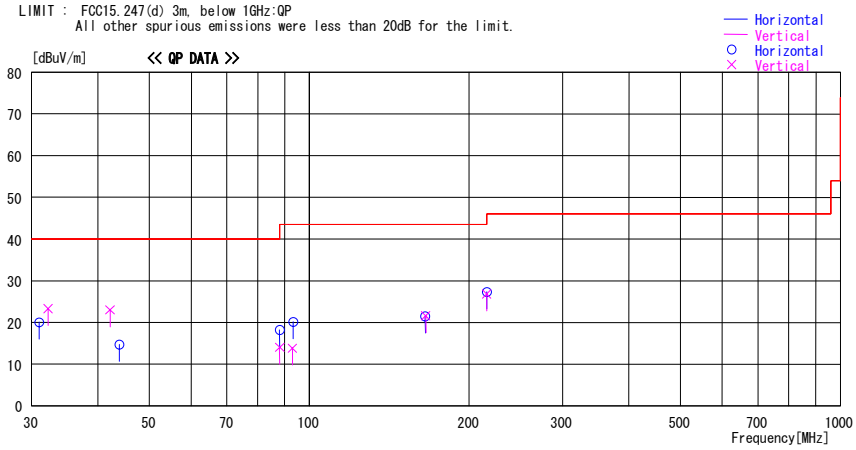
UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/03/20

Company : Sony Computer Entertainment Inc.
Kind of EUT : Handheld Entertainment System
Model No. : PSP-N1001
Serial No. : 0000605

Report No. : 29HE0053-HO-01
Power : AC120V / 60Hz
Temp./Humi. : 20deg.C. / 45%
Engineer : Takayuki Shimada

Mode / Remarks : WLAN 2462MHz, Tx, Worst-axis(Hor:X, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP
All other spurious emissions were less than 20dB for the limit.



Frequency	Reading	DET	Antenna Factor	Loss & Gain	Level	Angle	Height	Polar.	Limit	Margin
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]
32.250	26.9	QP	18.2	-21.8	23.3	11	100	Vert.	40.0	16.7
31.020	23.1	QP	18.8	-21.9	20.0	8	356	Hori.	40.0	20.0
42.195	31.8	QP	13.0	-21.8	23.0	357	100	Vert.	40.0	17.0
43.915	24.2	QP	12.3	-21.8	14.7	78	302	Hori.	40.0	25.3
88.004	27.2	QP	8.1	-21.3	14.0	340	341	Vert.	43.5	29.5
88.005	31.4	QP	8.1	-21.3	18.2	63	211	Hori.	43.5	25.3
93.349	32.1	QP	9.1	-21.1	20.1	44	298	Hori.	43.5	23.4
92.975	25.8	QP	9.1	-21.1	13.8	328	100	Vert.	43.5	29.7
165.826	26.2	QP	15.7	-20.3	21.6	178	100	Vert.	43.5	21.9
165.312	26.1	QP	15.7	-20.3	21.5	348	290	Hori.	43.5	22.0
215.990	30.3	QP	16.7	-19.7	27.3	329	108	Hori.	43.5	16.2
215.999	29.8	QP	16.7	-19.7	26.8	146	100	Vert.	43.5	16.7

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)

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

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Radiated Spurious Emission (below 1GHz)
Tx, Ch: Mid + BT Hopping On

DATA OF RADIATED EMISSION TEST

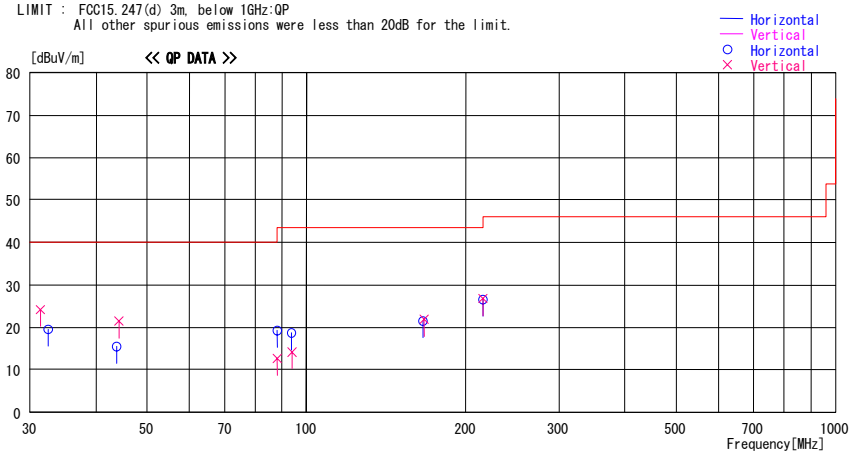
UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/03/20

Company : Sony Computer Entertainment Inc.
Kind of EUT : Handheld Entertainment System
Model No. : PSP-N1001
Serial No. : 0000605

Report No. : 29HE0053-HO-01
Power : AC120V / 60Hz
Temp./Humi. : 20deg.C. / 45%
Engineer : Takayuki Shimada

Mode / Remarks : WLAN 11b, Tx, 2437MHz + BT Hopping On, Worst-axis(Hor:X, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss & Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
31.452	27.5	QP	18.6	-21.9	24.2	12	100	Vert.	40.0	15.8
32.525	23.4	QP	18.0	-21.8	19.6	348	368	Hori.	40.0	20.4
43.820	24.9	QP	12.4	-21.8	15.5	86	322	Hori.	40.0	24.5
44.312	31.1	QP	12.2	-21.8	21.5	358	100	Vert.	40.0	18.5
88.004	32.5	QP	8.1	-21.3	19.3	32	226	Hori.	43.5	24.2
88.005	25.9	QP	8.1	-21.3	12.7	339	344	Vert.	43.5	30.8
93.665	30.6	QP	9.2	-21.1	18.7	38	316	Hori.	43.5	24.8
93.865	26.1	QP	9.2	-21.1	14.2	318	100	Vert.	43.5	29.3
166.178	26.2	QP	15.7	-20.3	21.6	0	279	Hori.	43.5	21.9
166.824	26.4	QP	15.8	-20.3	21.9	157	102	Vert.	43.5	21.6
215.999	29.6	QP	16.7	-19.7	26.6	352	100	Hori.	43.5	16.9
215.998	29.8	QP	16.7	-19.7	26.8	160	100	Vert.	43.5	16.7

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)

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

Radiated Spurious Emission (below 1GHz)
Rx, Ch: Mid

DATA OF RADIATED EMISSION TEST

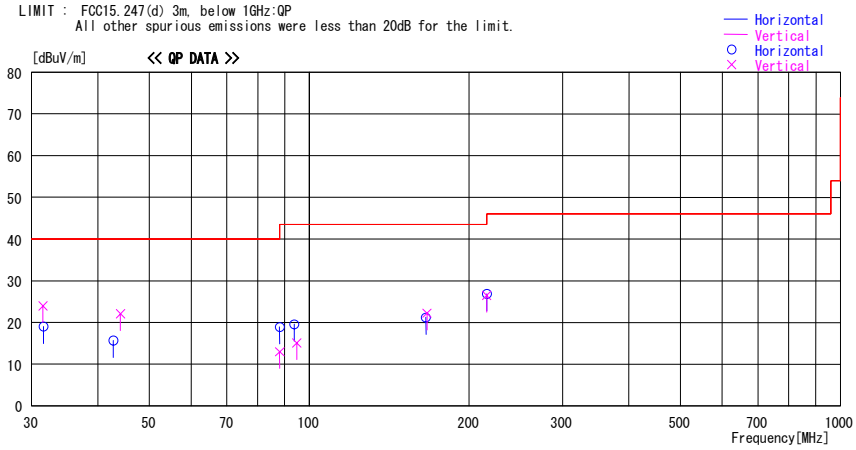
UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/03/20

Company : Sony Computer Entertainment Inc.
Kind of EUT : Handheld Entertainment System
Model No. : PSP-N1001
Serial No. : 0000605

Report No. : 29HE0053-HO-01
Power : AC120V / 60Hz
Temp./Humi. : 20deg.C. / 45%
Engineer : Takayuki Shimada

Mode / Remarks : WLAN 2437MHz, Rx, Worst-axis(Hor:X, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP
All other spurious emissions were less than 20dB for the limit.



Frequency	Reading	DET	Antenna Factor	Loss & Gain	Level	Angle	Height	Polar.	Limit	Margin
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]
31.522	27.3	QP	18.6	-21.9	24.0	21	100	Vert.	40.0	16.0
31.625	22.4	QP	18.5	-21.9	19.0	358	375	Hori.	40.0	21.0
42.802	24.8	QP	12.7	-21.8	15.7	78	320	Hori.	40.0	24.3
44.123	31.6	QP	12.3	-21.8	22.1	0	100	Vert.	40.0	17.9
88.005	32.1	QP	8.1	-21.3	18.9	50	212	Hori.	43.5	24.6
88.005	26.2	QP	8.1	-21.3	13.0	337	348	Vert.	43.5	30.5
93.654	31.5	QP	9.2	-21.1	19.6	36	309	Hori.	43.5	23.9
94.747	26.8	QP	9.4	-21.1	15.1	326	100	Vert.	43.5	28.4
165.783	25.8	QP	15.7	-20.3	21.2	356	281	Hori.	43.5	22.3
166.826	26.7	QP	15.8	-20.3	22.2	160	108	Vert.	43.5	21.3
215.989	29.8	QP	16.7	-19.7	26.8	348	103	Hori.	43.5	16.7
215.987	29.5	QP	16.7	-19.7	26.5	151	100	Vert.	43.5	17.0

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 test result is rounded off to one or two decimal places, so some differences might be observed.

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Radiated Spurious Emission (below 1GHz)
(Reference Data, EUT: Stand Alone)
Tx, Ch: Mid

DATA OF RADIATED EMISSION TEST

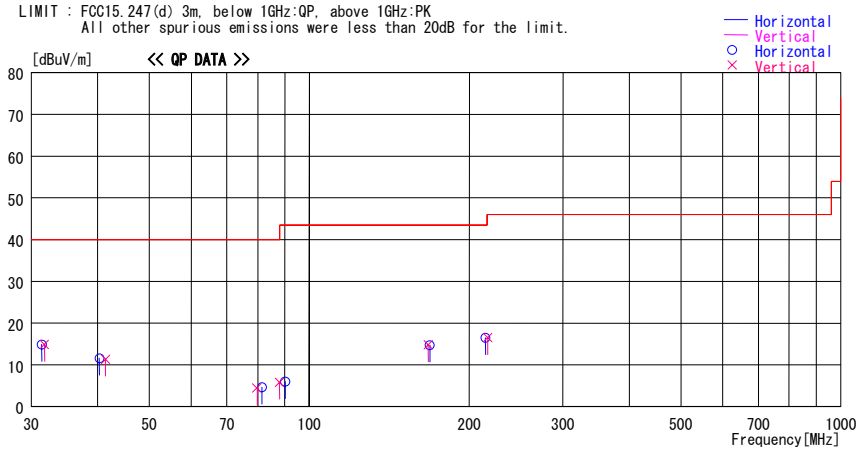
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/05/23

Company : Sony Computer Entertainment Inc.
Kind of EUT : Handheld Entertainment System
Model No. : PSP-N1001
Serial No. : 0000605

Report No. : 29HE0053-HO-01
Power : AC120V / 60Hz
Temp./Humi. : 25deg.C. / 49%
Engineer : Takayuki Shimada

Mode / Remarks : WLAN, Tx, 2437MHz, Worst-axis(Hor:X, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
31.372	22.7	QP	17.3	-25.1	14.9	0	100	Hori.	40.0	25.1	
31.749	22.8	QP	17.2	-25.1	14.9	0	100	Vert.	40.0	25.1	
40.281	22.7	QP	13.8	-24.9	11.6	0	100	Hori.	40.0	28.4	
41.363	22.8	QP	13.4	-24.9	11.3	0	100	Vert.	40.0	28.7	
79.780	22.5	QP	6.1	-24.2	4.4	0	100	Vert.	40.0	35.6	
81.403	22.5	QP	6.3	-24.2	4.6	0	100	Hori.	40.0	35.4	
87.896	22.6	QP	7.3	-24.1	5.8	0	100	Vert.	40.0	34.2	
90.060	22.5	QP	7.6	-24.1	6.0	0	100	Hori.	43.5	37.5	
167.435	22.7	QP	15.4	-23.3	14.8	0	100	Vert.	43.5	28.7	
168.517	22.6	QP	15.4	-23.3	14.7	0	100	Hori.	43.5	28.8	
214.508	22.4	QP	16.9	-22.8	16.5	0	100	Hori.	43.5	27.0	
216.673	22.3	QP	16.9	-22.7	16.5	0	100	Vert.	46.0	29.5	

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)

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

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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.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m / 1m
Model	:	PSP-N1001	Date	:	03/19/2009
S/N:	:	0000605	Temperature	:	21deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	45%
Mode	:	IEEE802.11b, Tx 2412MHz, 11Mbps	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.00	53.1	48.7	27.1	32.4	2.6	0.0	50.4	46.0	73.9	23.5	27.9
2*	2400.00	61.9	57.1	27.1	32.4	2.6	0.0	59.2	54.4	73.9	-	-
3	4824.00	46.1	42.2	31.3	31.4	3.9	1.1	51.0	47.1	73.9	22.9	26.8
4	7236.00	41.2	41.5	35.6	31.2	4.4	1.1	51.1	51.4	73.9	22.8	22.5
5	9648.00	41.1	43.2	38.4	32.0	5.2	1.3	54.0	56.1	73.9	19.9	**17.8**
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12060.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14472.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	16884.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19296.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	21708.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24120.00	47.1	46.7	38.5	29.0	7.9	0.0	55.0	54.6	73.9	18.9	19.3

*Reference data (Refe to next page(20dBc data sheet))

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.00	39.7	35.3	27.1	32.4	2.6	0.0	37.0	32.6	53.9	16.9	21.3
2*	2400.00	50.4	45.6	27.1	32.4	2.6	0.0	47.7	42.9	53.9	-	-
3	4824.00	31.0	30.7	31.3	31.4	3.9	1.1	35.9	35.6	53.9	18.0	18.3
4	7236.00	27.8	27.7	35.6	31.2	4.4	1.1	37.7	37.6	53.9	16.2	16.3
5	9648.00	27.8	30.2	38.4	32.0	5.2	1.3	40.7	43.1	53.9	13.2	**10.8**
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12060.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14472.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	16884.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19296.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	21708.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24120.00	34.6	34.6	38.5	29.0	7.9	0.0	42.5	42.5	53.9	11.4	11.4

*Reference data (Refe to next page(20dBc data sheet))
Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.
*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.
*NS: Non Signal

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.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m
Model	:	PSP-N1001	Date	:	03/19/2009
S/N:	:	0000605	Temperature	:	20deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	45%
Mode	:	IEEE802.11b, Tx 2412MHz, 11Mbps	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

20dBc (Fundamental 2412.0 MHz) (RBW: 100kHz, VBW: 300kHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER					HOR	VER	20dBc	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2412.00	101.9	97.0	27.2	32.4	2.6	0.0	99.3	94.4	-	-	-
2	2400.00	53.5	48.8	27.1	32.4	2.6	0.0	50.8	46.1	Funda-20dB	28.5	28.3

*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*The test result is round off to one or two decimal places, so some differences might be observed.

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

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

Company	:	Sony Computer Entertainment Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m / 1m
Model	:	PSP-N1001	Date	:	03/19/2009
S/N:	:	0000605	Temperature	:	25deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	45%
Mode	:	IEEE802.11b, Tx 2437MHz, 11Mbps	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4874.00	43.9	42.7	31.3	31.3	4.0	1.1	49.0	47.8	73.9	24.9	26.1
2	7311.00	40.9	41.1	35.8	31.2	4.4	1.1	51.0	51.2	73.9	22.9	22.7
3	9748.00	41.0	41.9	38.5	32.0	5.2	1.3	54.0	54.9	73.9	19.9	19.0
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12185.00	NS	NS	-	-	-	-	-	-	73.9	-	-
5	14622.00	NS	NS	-	-	-	-	-	-	73.9	-	-
6	17059.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	19496.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	21933.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	24370.00	47.4	47.1	38.6	29.0	8.0	0.0	55.5	55.2	73.9	**18.4**	18.7

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4874.00	29.0	28.9	31.3	31.3	4.0	1.1	34.1	34.0	53.9	19.8	19.9
2	7311.00	27.8	27.9	35.8	31.2	4.4	1.1	37.9	38.0	53.9	16.0	15.9
3	9748.00	27.9	29.5	38.5	32.0	5.2	1.3	40.9	42.5	53.9	13.0	11.4
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12185.00	NS	NS	-	-	-	-	-	-	53.9	-	-
5	14622.00	NS	NS	-	-	-	-	-	-	53.9	-	-
6	17059.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	19496.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	21933.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	24370.00	34.8	34.8	38.6	29.0	8.0	0.0	42.9	42.9	53.9	**11.0**	**11.0**

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*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.
*NS: Non Signal

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

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

Company	:	Sony Computer Entertainment Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m / 1m
Model	:	PSP-N1001	Date	:	03/19/2009
S/N:	:	0000605	Temperature	:	20deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	45%
Mode	:	IEEE802.11b, Tx 2462MHz, 11Mbps	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2483.50	48.4	48.1	27.3	32.4	2.7	0.0	46.0	45.7	73.9	27.9	28.2
2	4924.00	41.5	41.5	31.4	31.3	4.0	1.1	46.7	46.7	73.9	27.2	27.2
3	7386.00	40.8	41.0	35.9	31.2	4.5	1.1	51.1	51.3	73.9	22.8	22.6
4	9848.00	40.9	43.0	38.7	32.0	5.2	1.3	54.1	56.2	73.9	19.8	**17.7**
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12310.00	NS	NS	-	-	-	-	-	-	73.9	-	-
6	14772.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	17234.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	19696.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	22158.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	24620.00	45.2	45.4	38.8	28.9	8.2	0.0	53.8	54.0	73.9	20.1	19.9

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2483.50	35.4	34.9	27.3	32.4	2.7	0.0	33.0	32.5	53.9	20.9	21.4
2	4924.00	28.0	27.6	31.4	31.3	4.0	1.1	33.2	32.8	53.9	20.7	21.1
3	7386.00	27.7	27.7	35.9	31.2	4.5	1.1	38.0	38.0	53.9	15.9	15.9
4	9848.00	28.5	30.7	38.7	32.0	5.2	1.3	41.7	43.9	53.9	12.2	**10.0**
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12310.00	NS	NS	-	-	-	-	-	-	53.9	-	-
6	14772.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	17234.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	19696.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	22158.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	24620.00	33.4	33.4	38.8	28.9	8.2	0.0	42.0	42.0	53.9	11.9	11.9

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.
*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.
*NS: Non Signal

Radiated Spurious Emission (above 1GHz)
Tx, Ch: Mid + BT Hopping On

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

Company	:	Sony Computer Entertainment Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m / 1m
Model	:	PSP-N1001	Date	:	03/19/2009
S/N:	:	0000605	Temperature	:	25deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	45%
Mode	:	IEEE802.11b, Tx 2437MHz, 11Mbps BT, 3DH5 Hopping On	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4874.00	52.8	48.7	31.3	31.3	4.0	1.1	57.9	53.8	73.9	**16.0**	20.1
2	7311.00	41.5	40.9	35.8	31.2	4.4	1.1	51.6	51.0	73.9	22.3	22.9
3	9748.00	41.2	41.7	38.5	32.0	5.2	1.3	54.2	54.7	73.9	19.7	19.2
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12185.00	NS	NS	-	-	-	-	-	-	73.9	-	-
5	14622.00	NS	NS	-	-	-	-	-	-	73.9	-	-
6	17059.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	19496.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	21933.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	24370.00	47.0	46.9	38.6	29.0	8.0	0.0	55.1	55.0	73.9	18.8	18.9

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4874.00	32.1	30.5	31.3	31.3	4.0	1.1	37.2	35.6	53.9	16.7	18.3
2	7311.00	27.6	27.7	35.8	31.2	4.4	1.1	37.7	37.8	53.9	16.2	16.1
3	9748.00	27.8	28.5	38.5	32.0	5.2	1.3	40.8	41.5	53.9	13.1	12.4
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12185.00	NS	NS	-	-	-	-	-	-	53.9	-	-
5	14622.00	NS	NS	-	-	-	-	-	-	53.9	-	-
6	17059.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	19496.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	21933.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	24370.00	34.9	34.9	38.6	29.0	8.0	0.0	43.0	43.0	53.9	**10.9**	**10.9**

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*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.
*NS: Non Signal

Radiated Spurious Emission (above 1GHz)
Tx, Ch: Mid + BT Hopping On (Band Edge)

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

Company	:	Sony Computer Entertainment Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m
Model	:	PSP-N1001	Date	:	03/19/2009
S/N:	:	0000605	Temperature	:	25deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	45%
Mode	:	IEEE802.11b, Tx, 11Mbps BT, 3DH5 Hopping On	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

Mode : IEEE802.11b, Tx, 2412MHz + BT(3DH5) Hopping On

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
PK DETECT (RBW: 1MHz, VBW: 1MHz)												
1	2390.00	53.6	53.5	27.1	32.4	2.6	0.0	50.9	50.8	73.9	**23.0**	23.1
2*	2400.00	64.6	63.6	27.1	32.4	2.6	0.0	61.9	60.9	73.9	-	-
AV DETECT (RBW: 1MHz, VBW: 10Hz)												
1	2390.00	36.9	36.6	27.1	32.4	2.6	0.0	34.2	33.9	53.9	**19.7**	20.0
2*	2400.00	45.0	45.6	27.1	32.4	2.6	0.0	42.3	42.9	53.9	-	-

*Reference data (Refe to next sheet(20dBc))

20dBc (Fundamental 2412.0 MHz) (RBW: 100kHz, VBW: 300kHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	20dBc	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2412.00	96.7	95.3	27.2	32.4	2.6	0.0	94.1	92.7	-	-	-
2	2400.00	51.0	51.6	27.1	32.4	2.6	0.0	48.3	48.9	Funda-20dB	25.8	23.8

Mode : IEEE802.11b, Tx, 2462MHz + BT(3DH5) Hopping On

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
PK DETECT (RBW: 1MHz, VBW: 1MHz)												
1	2483.50	55.6	52.9	27.3	32.4	2.7	0.0	53.2	50.5	73.9	**20.7**	23.4
AV DETECT (RBW: 1MHz, VBW: 10Hz)												
1	2483.50	39.8	35.6	27.3	32.4	2.7	0.0	37.4	33.2	53.9	**16.5**	20.7

*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.
*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 (above 1GHz)
Rx, Ch: Mid

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

Company	:	Sony Computer Entertainment Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m
Model	:	PSP-N1001	Date	:	03/19/2009
S/N:	:	0000605	Temperature	:	25deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	45%
Mode	:	IEEE802.11b, Rx 2437MHz	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2437.00	41.2	41.4	27.2	32.4	2.6	0.0	38.6	38.8	73.9	35.3	35.1
2	4874.00	40.4	40.5	31.3	31.3	3.7	0.0	44.1	44.2	73.9	29.8	29.7
3	7311.00	41.9	40.3	35.8	31.2	4.0	0.0	50.5	48.9	73.9	23.4	25.0
4	9748.00	42.2	43.5	38.5	32.0	4.7	0.0	53.4	54.7	73.9	20.5	**19.2**

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2437.00	28.3	28.3	27.2	32.4	2.6	0.0	25.7	25.7	53.9	28.2	28.2
2	4874.00	26.9	27.0	31.3	31.3	3.7	0.0	30.6	30.7	53.9	23.3	23.2
3	7311.00	27.8	27.8	35.8	31.2	4.0	0.0	36.4	36.4	53.9	17.5	17.5
4	9748.00	28.0	33.3	38.5	32.0	4.7	0.0	39.2	44.5	53.9	14.7	**9.4**

*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*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 (above 1GHz)
(Reference Data, EUT: Stand Alone)
Tx, Ch: Low

UL Japan, Inc.
Head Office EMC Lab. No.3 Semi Anechoic Chamber

Company	:	Sony Computer Entertainment Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m
Model	:	PSP-N1001	Date	:	05/25/2009
S/N:	:	0000605	Temperature	:	23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	55%
Mode	:	IEEE802.11b, Tx 2412MHz, 11Mbps	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.00	52.0	48.4	27.2	32.3	2.7	0.0	49.6	46.0	73.9	24.3	27.9
2*	2400.00	60.6	55.2	27.2	32.3	2.7	0.0	58.2	52.8	73.9	-	-
3	4824.00	45.5	42.0	31.7	31.4	3.7	1.0	50.5	47.0	73.9	23.4	26.9
4	7236.00	40.1	40.2	35.9	31.9	4.7	0.9	49.7	49.8	73.9	24.2	24.1
5	9648.00	40.3	40.0	38.5	32.7	5.4	1.2	52.7	52.4	73.9	**21.2**	21.5

*Reference data (Refe to next page(20dBc data sheet))

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.00	39.2	34.9	27.2	32.3	2.7	0.0	36.8	32.5	53.9	17.1	21.4
2*	2400.00	49.1	43.8	27.2	32.3	2.7	0.0	46.7	41.4	53.9	-	-
3	4824.00	30.9	30.5	31.7	31.4	3.7	1.0	35.9	35.5	53.9	18.0	18.4
4	7236.00	27.0	27.0	35.9	31.9	4.7	0.9	36.6	36.6	53.9	17.3	17.3
5	9648.00	27.3	27.3	38.5	32.7	5.4	1.2	39.7	39.7	53.9	**14.2**	**14.2**

*Reference data (Refe to next page(20dBc data sheet))
Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.
*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.

Radiated Spurious Emission (above 1GHz)
(Reference Data, EUT: Stand Alone)
Tx, Ch: Low

UL Japan, Inc.
Head Office EMC Lab. No.3 Semi Anechoic Chamber

Company	:	Sony Computer Entertainment Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m
Model	:	PSP-N1001	Date	:	05/25/2009
S/N:	:	0000605	Temperature	:	23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	55%
Mode	:	IEEE802.11b, Tx 2412MHz, 11Mbps	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

20dBc (Fundamental 2412.0 MHz) (RBW: 100kHz, VBW: 300kHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	20dBc	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2412.00	101.3	94.5	27.2	32.3	2.7	0.0	98.9	92.1	-	-	-
2	2400.00	52.4	46.1	27.2	32.3	2.7	0.0	50.0	43.7	Funda-20dB	28.9	28.4

*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*The test result is round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (above 1GHz)
(Reference Data, EUT: Stand Alone)
Tx, Ch: Mid

UL Japan, Inc.
Head Office EMC Lab. No.3 Semi Anechoic Chamber

Company	:	Sony Computer Entertainment Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m / 1m
Model	:	PSP-N1001	Date	:	05/25/2009
S/N:	:	0000605	Temperature	:	25deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	49%
Mode	:	IEEE802.11b, Tx 2437MHz, 11Mbps	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4874.00	40.9	40.8	31.8	31.4	3.7	0.9	45.9	45.8	73.9	28.0	28.1
2	7311.00	41.2	40.8	36.1	31.9	4.7	0.9	51.0	50.6	73.9	22.9	23.3
3	9748.00	41.1	41.3	38.6	32.7	5.4	1.2	53.6	53.8	73.9	20.3	**20.1**
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12185.00	NS	NS	-	-	-	-	-	-	73.9	-	-
5	14622.00	NS	NS	-	-	-	-	-	-	73.9	-	-
6	17059.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	19496.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	21933.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	24370.00	45.3	44.8	38.5	30.3	8.0	0.0	52.0	51.5	73.9	21.9	22.4

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4874.00	27.9	28.9	31.8	31.4	3.7	0.9	32.9	33.9	53.9	21.0	20.0
2	7311.00	28.7	28.7	36.1	31.9	4.7	0.9	38.5	38.5	53.9	15.4	15.4
3	9748.00	28.9	29.1	38.6	32.7	5.4	1.2	41.4	41.6	53.9	12.5	**12.3**
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12185.00	NS	NS	-	-	-	-	-	-	53.9	-	-
5	14622.00	NS	NS	-	-	-	-	-	-	53.9	-	-
6	17059.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	19496.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	21933.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	24370.00	34.1	33.9	38.5	30.3	8.0	0.0	40.8	40.6	53.9	13.1	13.3

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*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.
*NS: Non Signal

Radiated Spurious Emission (above 1GHz)
(Reference Data, EUT: Stand Alone)
Tx, Ch: High

UL Japan, Inc.
Head Office EMC Lab. No.3 Semi Anechoic Chamber

Company	:	Sony Computer Entertainment Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m / 1m
Model	:	PSP-N1001	Date	:	05/23/2009
S/N:	:	0000605	Temperature	:	23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	55%
Mode	:	IEEE802.11b, Tx 2462MHz, 11Mbps	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2483.50	47.6	45.2	27.3	32.2	2.8	0.0	45.5	43.1	73.9	28.4	30.8
2	4924.00	41.5	41.2	31.8	31.4	3.7	0.9	46.5	46.2	73.9	27.4	27.7
3	7386.00	39.9	40.1	36.2	32.0	4.7	0.9	49.7	49.9	73.9	24.2	24.0
4	9848.00	41.0	40.8	38.8	32.7	5.4	1.3	53.8	53.6	73.9	**20.1**	20.3

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2483.50	34.6	32.2	27.3	32.2	2.8	0.0	32.5	30.1	53.9	21.4	23.8
2	4924.00	27.8	27.4	31.8	31.4	3.7	0.9	32.8	32.4	53.9	21.1	21.5
3	7386.00	27.1	27.1	36.2	32.0	4.7	0.9	36.9	36.9	53.9	17.0	17.0
4	9848.00	27.5	27.5	38.8	32.7	5.4	1.3	40.3	40.3	53.9	**13.6**	**13.6**

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.
*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.

Radiated Spurious Emission (above 1GHz)
(Reference Data, EUT: Stand Alone)
Tx, Ch: Mid + BT Hopping On

UL Japan, Inc.
Head Office EMC Lab. No.3 Semi Anechoic Chamber

Company	:	Sony Computer Entertainment Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m
Model	:	PSP-N1001	Date	:	05/25/2009
S/N:	:	0000605	Temperature	:	23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	55%
Mode	:	IEEE802.11b, Tx 2437MHz, 11Mbps BT, 3DH5 Hopping On	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4874.00	47.0	48.0	31.8	31.4	3.7	0.9	52.0	53.0	73.9	21.9	20.9
2	7311.00	40.7	40.5	36.1	31.9	4.7	0.9	50.5	50.3	73.9	23.4	23.6
3	9748.00	41.0	41.3	38.6	32.7	5.4	1.2	53.5	53.8	73.9	20.4	**20.1**

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4874.00	30.4	30.5	31.8	31.4	3.7	0.9	35.4	35.5	53.9	18.5	18.4
2	7311.00	26.7	26.7	36.1	31.9	4.7	0.9	36.5	36.5	53.9	17.4	17.4
3	9748.00	28.8	28.8	38.6	32.7	5.4	1.2	41.3	41.3	53.9	**12.6**	**12.6**

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*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.

Radiated Spurious Emission (above 1GHz)
(Reference Data, EUT: Stand Alone)
Tx, Ch: Mid + BT Hopping On (Band Edge)

UL Japan, Inc.
Head Office EMC Lab. No.3 Semi Anechoic Chamber

Company	:	Sony Computer Entertainment Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m
Model	:	PSP-N1001	Date	:	05/25/2009
S/N:	:	0000605	Temperature	:	23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	55%
Mode	:	IEEE802.11b, Tx, 11Mbps BT, 3DH5 Hopping On	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

Mode : IEEE802.11b, Tx, 2412MHz + BT(3DH5) Hopping On

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
PK DETECT (RBW: 1MHz, VBW: 1MHz)												
1	2390.00	52.6	49.8	27.2	32.3	2.7	0.0	50.2	47.4	73.9	**23.7**	26.5
2*	2400.00	63.3	59.0	27.2	32.3	2.7	0.0	60.9	56.6	73.9	-	-
AV DETECT (RBW: 1MHz, VBW: 10Hz)												
1	2390.00	35.9	34.1	27.2	32.3	2.7	0.0	33.5	31.7	53.9	**20.4**	22.2
2*	2400.00	44.3	39.9	27.2	32.3	2.7	0.0	41.9	37.5	53.9	-	-

*Reference data (Refe to next sheet(20dBc))

20dBc (Fundamental 2412.0 MHz) (RBW: 100kHz, VBW: 300kHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	20dBc	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2412.00	95.9	93.0	27.2	32.3	2.7	0.0	93.5	90.6	-	-	-
2	2400.00	50.4	45.4	27.2	32.3	2.7	0.0	48.0	43.0	Funda-20dB	25.5	27.6

Mode : IEEE802.11b, Tx, 2462MHz + BT(3DH5) Hopping On

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
PK DETECT (RBW: 1MHz, VBW: 1MHz)												
1	2483.50	55.1	50.7	27.3	32.2	2.8	0.0	53.0	48.6	73.9	**20.9**	25.3
AV DETECT (RBW: 1MHz, VBW: 10Hz)												
1	2483.50	39.0	35.1	27.3	32.2	2.8	0.0	36.9	33.0	53.9	**17.0**	20.9

*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.
*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 (above 1GHz)
(Reference Data, EUT: Stand Alone)
Rx, Ch: Mid

UL Japan, Inc.
Head Office EMC Lab. No.3 Semi Anechoic Chamber

Company	:	Sony Computer Entertainment Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Handheld Entertainment System	Test Distance	:	3m
Model	:	PSP-N1001	Date	:	05/25/2009
S/N:	:	0000605	Temperature	:	23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	55%
Mode	:	IEEE802.11b, Rx 2437MHz	Engineer	:	Takayuki Shimada
Position	:	H: X-axis, V: Z-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2437.00	40.4	40.4	27.2	32.3	2.8	0.0	38.1	38.1	73.9	35.8	35.8
2	4874.00	38.9	39.0	31.8	31.4	3.4	0.0	42.7	42.8	73.9	31.2	31.1
3	7311.00	42.0	41.9	36.1	31.9	5.6	0.0	51.8	51.7	73.9	22.1	22.2
4	9748.00	41.8	42.9	38.6	32.7	4.8	0.0	52.5	53.6	73.9	21.4	**20.3**

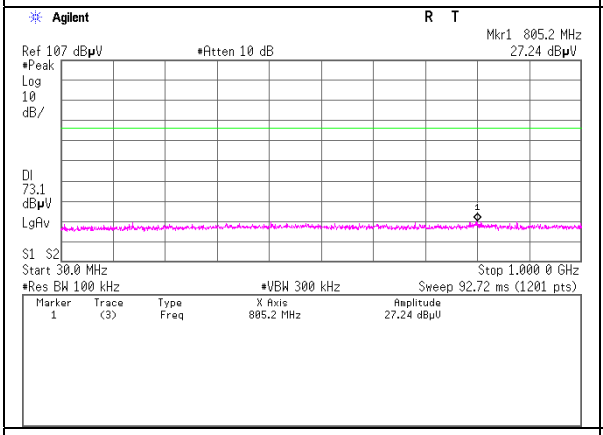
AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2437.00	27.4	27.4	27.2	32.3	2.8	0.0	25.1	25.1	53.9	28.8	28.8
2	4874.00	27.9	27.9	31.8	31.4	3.4	0.0	31.7	31.7	53.9	22.2	22.2
3	7311.00	28.7	28.7	36.1	31.9	5.6	0.0	38.5	38.5	53.9	15.4	15.4
4	9748.00	30.8	31.2	38.6	32.7	4.8	0.0	41.5	41.9	53.9	12.4	**12.0**

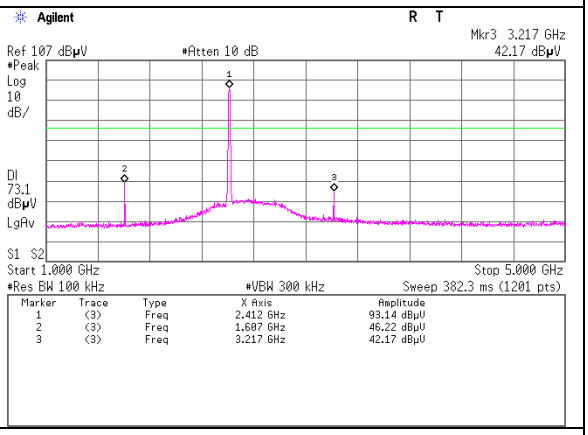
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.

Conducted Spurious Emission
Tx, Ch: Low

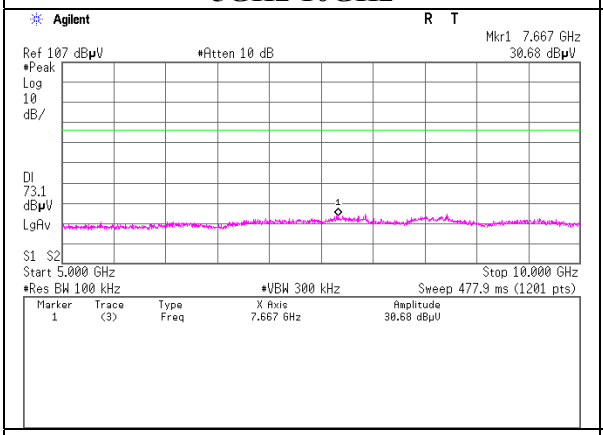
30MHz-1GHz



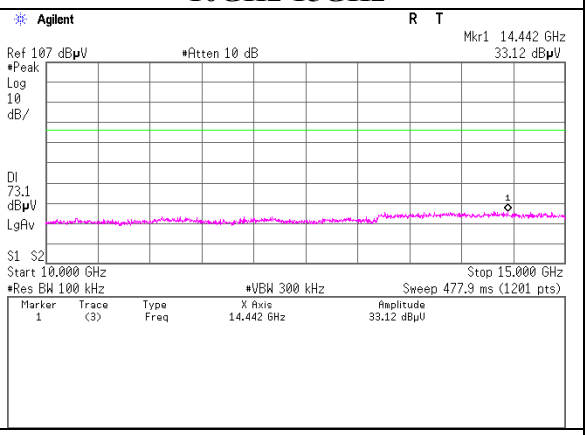
1GHz-5GHz



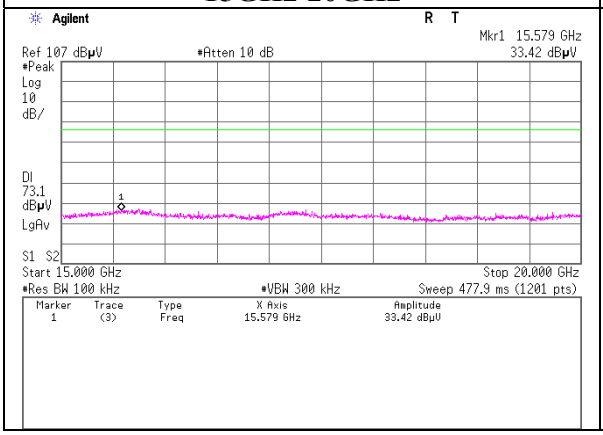
5GHz-10GHz



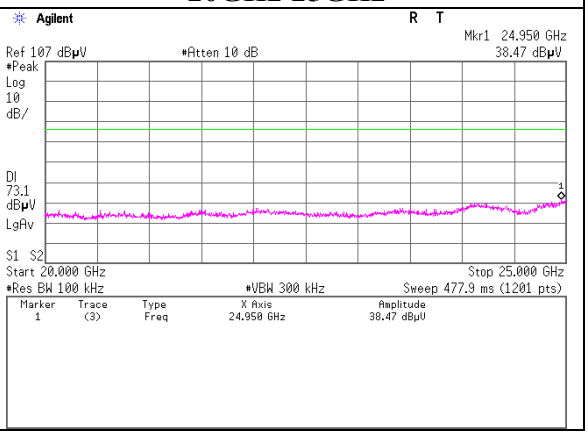
10GHz-15GHz



15GHz-20GHz



20GHz-25GHz



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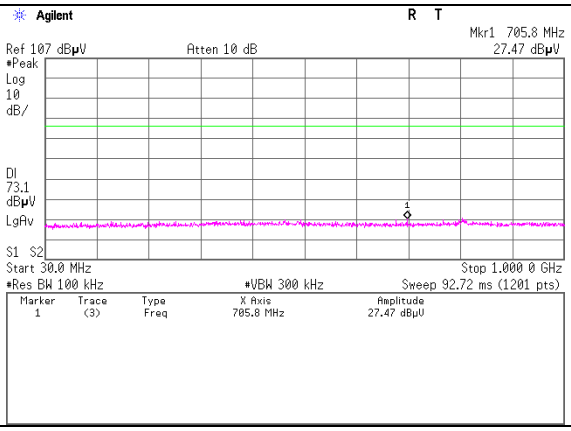
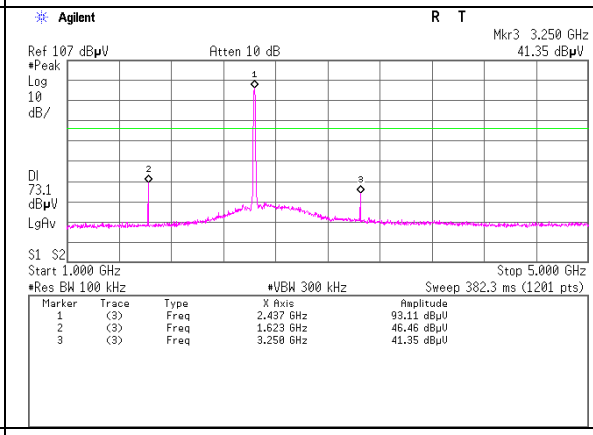
Conducted Spurious Emission
Tx, Ch: Mid

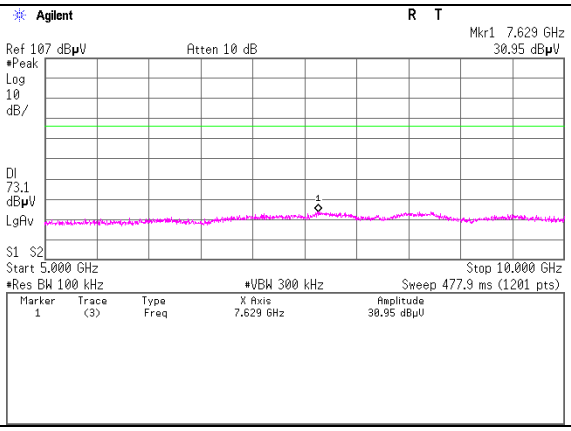
30MHz-1GHz



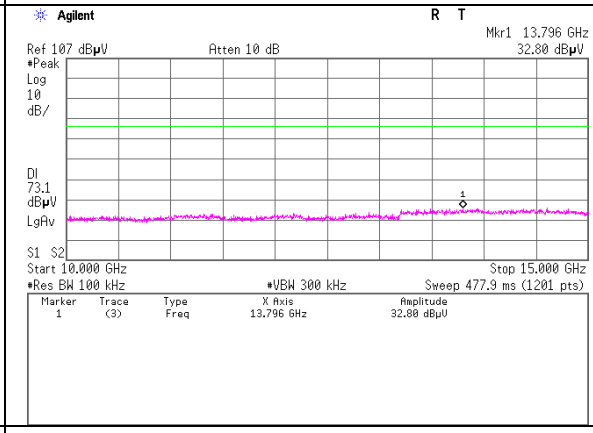
1GHz-5GHz



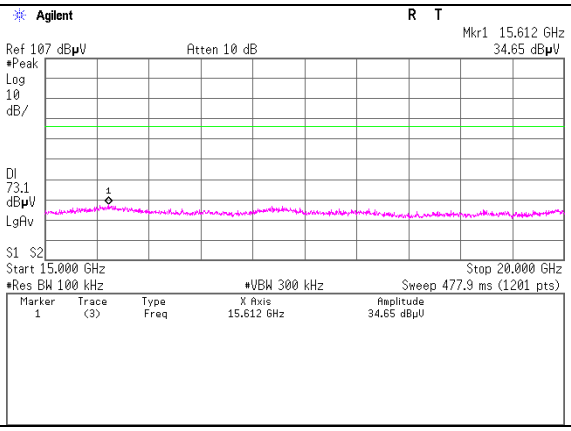
5GHz-10GHz



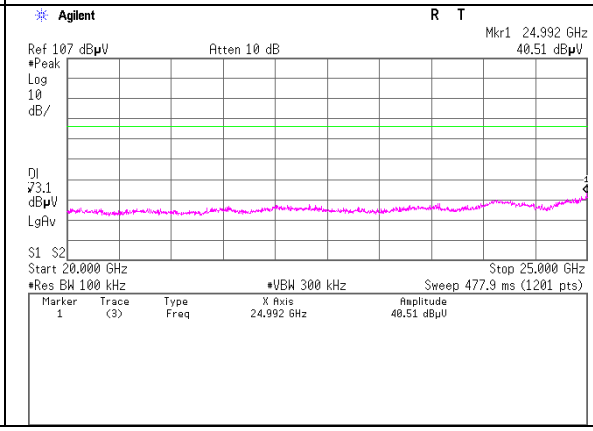
10GHz-15GHz



15GHz-20GHz

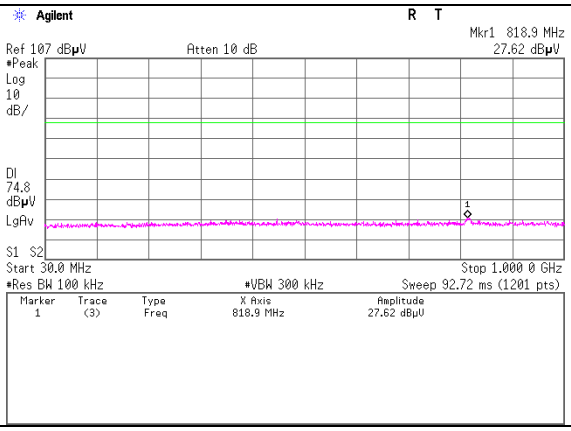


20GHz-25GHz

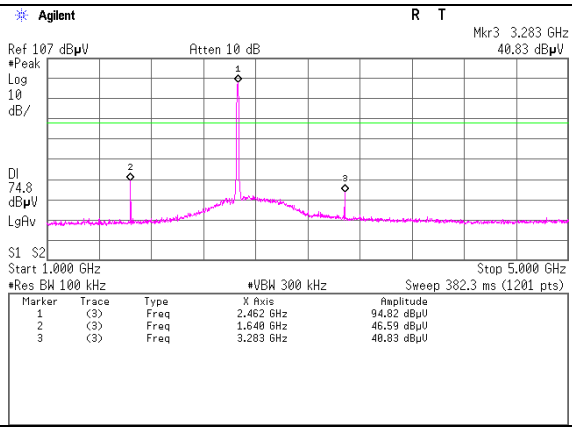


Conducted Spurious Emission
Tx, Ch: High

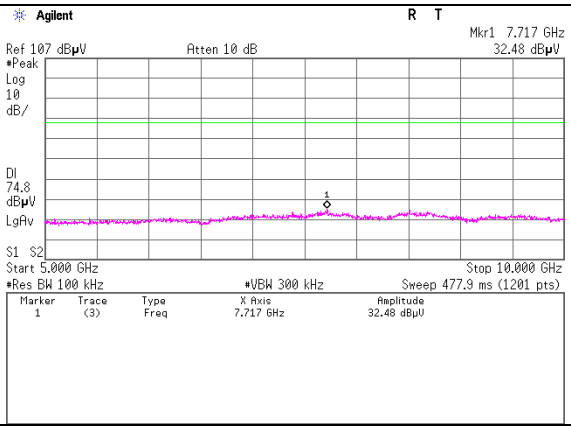
30MHz-1GHz



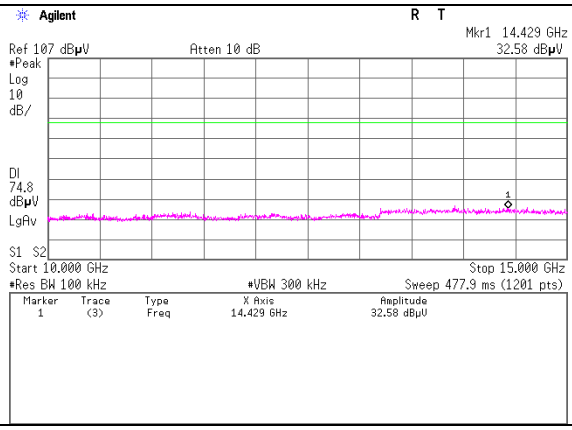
1GHz-5GHz



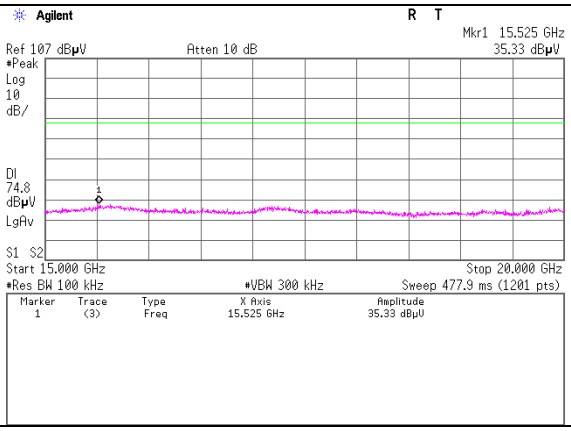
5GHz-10GHz



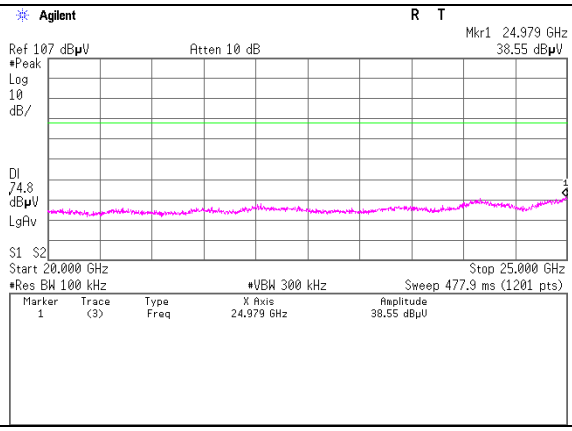
10GHz-15GHz



15GHz-20GHz



20GHz-25GHz



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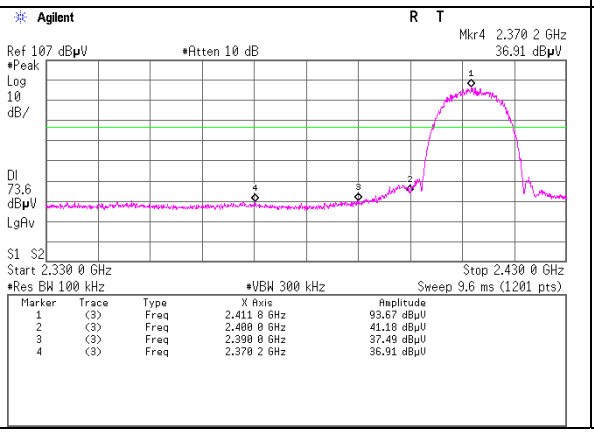
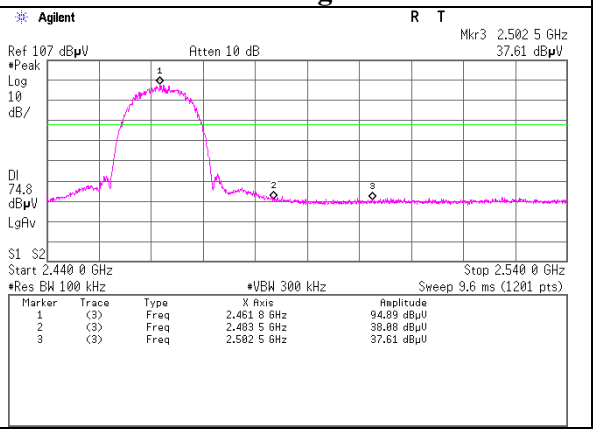
Conducted emission Band Edge compliance

Ch: Low

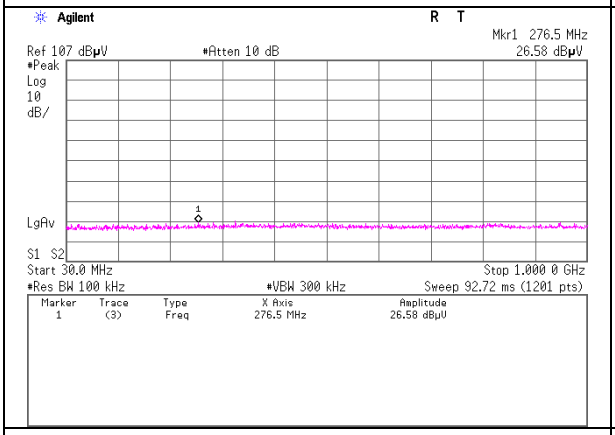


Ch: High

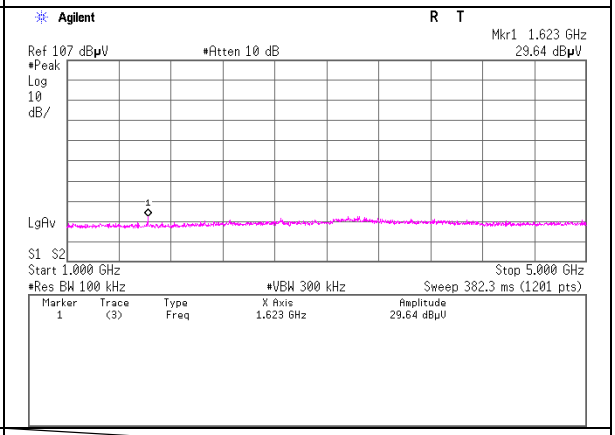


Conducted Spurious Emission
Rx, Ch: Mid

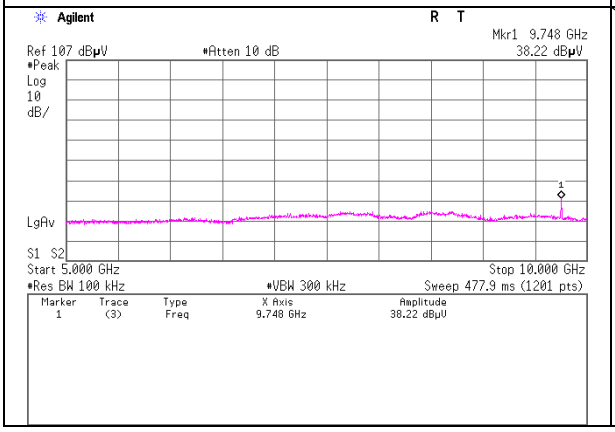
30MHz-1GHz



1GHz-5GHz



5GHz-10GHz



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Power Density

UL Japan, Inc.
Head Office EMC Lab. No.11 measurement room

Company	Sony Computer Entertainment Inc.	Regulation	FCC15.247(e) / RSS-210 A8.2(b)
Equipment	Handheld Entertainment System	Test Distance	-
Model	PSP-N1001	Date	03/18/2009
S/N	0000707	Temperature	25 deg.C.
Power	AC 120V / 60Hz	Humidity	39 %
Mode	IEEE802.11b, Tx, 11Mbps	Engineer	Takayuki Shimada

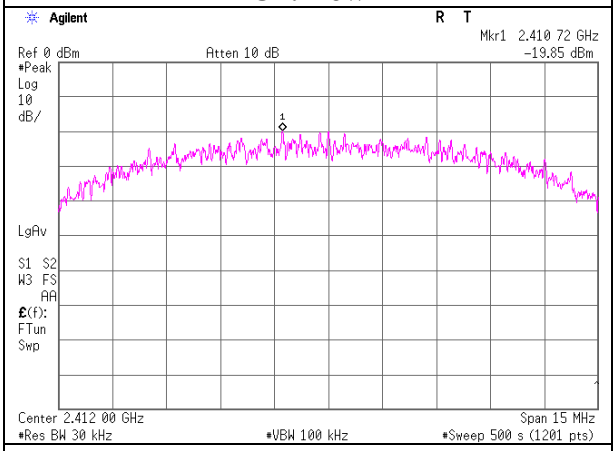
[IEEE802.11b]

Ch	Freq. [MHz]	Reading [dBm]	Cable [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2410.7	-19.85	1.37	9.98	-8.50	8.00	16.50
Mid	2435.7	-18.15	1.37	9.98	-6.80	8.00	14.80
High	2460.7	-17.53	1.37	9.98	-6.18	8.00	14.18

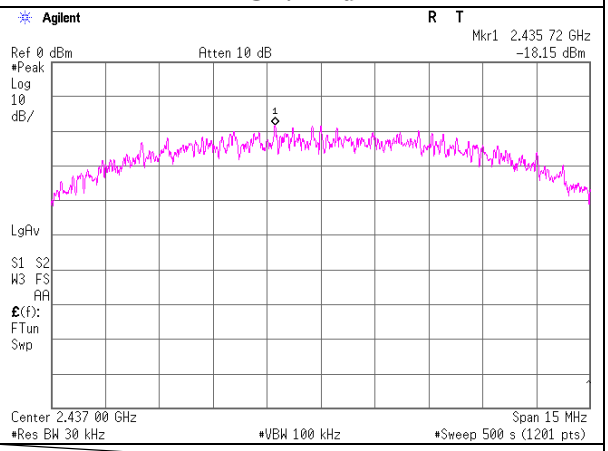
Sample Calculation:
Result = Reading + Cable Loss (supplied by customer + ULJ) + Attenuator

Power Density

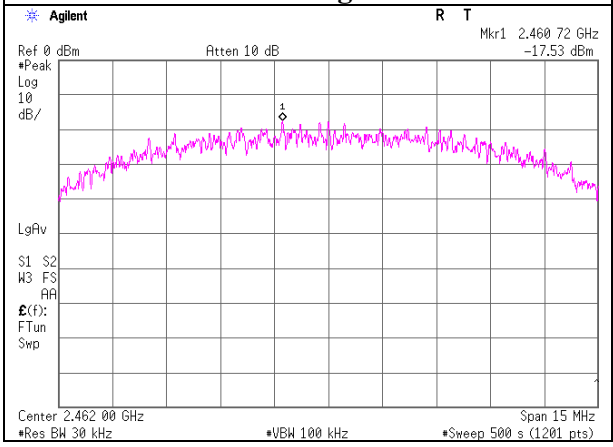
Ch: Low



Ch: Mid



Ch: High



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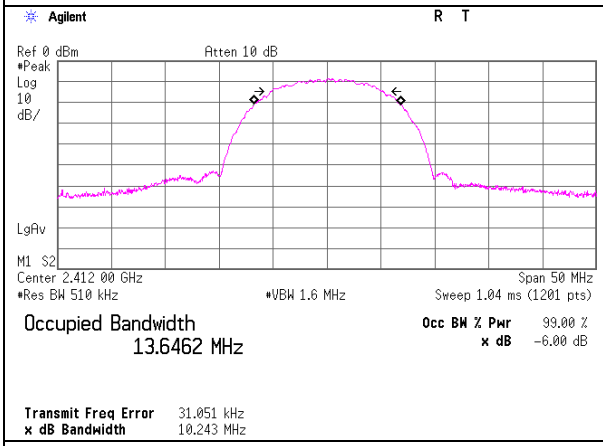
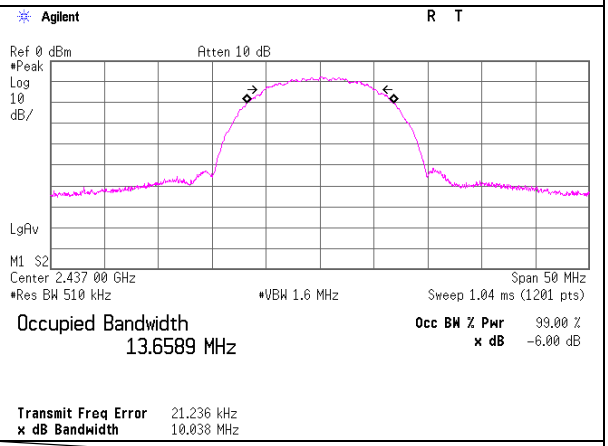
99%Occupied Bandwidth

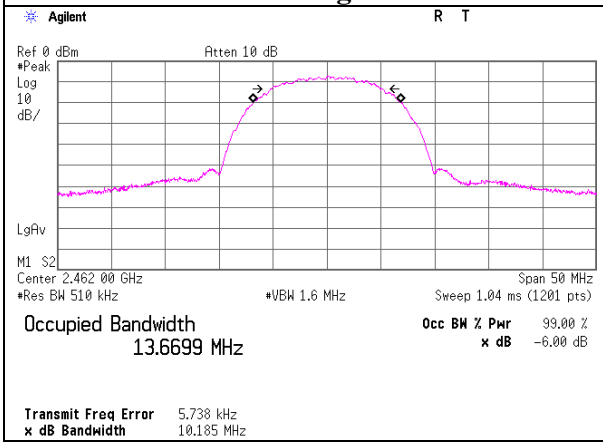
Ch: Low



Ch: Mid



Ch: High



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APPENDIX 3: Test instruments

EMI test equipment (1/2)

Control No.	Instrument	Manufacturer	Model No	Serial No	Test Item	Calibration Date * Interval(month)
MOS-19	Thermo-Hygrometer	Custom	CTH-201	0001	AT	2008/12/08 * 12
MPM-12	Power Meter	Anritsu	ML2495A	0825002	AT	2008/08/13 * 12
MPSE-17	Power sensor	Anritsu	MA2411B	0738285	AT	2008/08/13 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	US44300523	AT	2008/08/18 * 12
MAT-24	Attenuator(10dB)(above1GHz)	Agilent	8493C	71389	AT	2008/06/25 * 12
MCC-115	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	290211/4	AT	2008/08/04 * 12
MAEC-02	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-06902	RE/CE	2008/04/17 * 12
MOS-22	Thermo-Hygrometer	Custom	CTH-201	0003	RE/CE	2009/02/05 * 12
MJM-05	Measure	PROMART	SEN1955	-	RE/CE	-
COTS-MEMI	EMI measurement program	TSJ	TEPTO-DV	-	RE/CE	-
MRENT-62	Spectrum Analyzer	Agilent	E4448A	MY46180856	RE/CE	2008/11/25 * 12
MTR-03	Test Receiver	Rohde & Schwarz	ESCI	100300	RE/CE	2008/04/02 * 12
MBA-02	Biconical Antenna	Schwarzbeck	BBA9106	VHA91032008	RE	2008/10/18 * 12
MLA-02	Logperiodic Antenna	Schwarzbeck	USLP9143	201	RE	2008/10/18 * 12
MCC-12	Coaxial Cable	Fujikura/Agilent	-	-	RE	2009/02/16 * 12
MAT-07	Attenuator(6dB)	Weinschel Corp	2	BK7970	RE	2008/11/14 * 12
MPA-09	Pre Amplifier	Agilent	8447D	2944A10845	RE	2008/09/04 * 12
MHA-06	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	254	RE	2009/01/31 * 12
MCC-47	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	295123(5m) / 287573(1m)	RE	2008/11/27 * 12
MPA-10	Pre Amplifier	Agilent	8449B	3008A02142	RE	2008/09/17 * 12
MHA-02	Horn Antenna 18-26.5GHz	EMCO	3160-09	1265	RE	2009/01/31 * 12
MHF-18	High Pass Filter 3.5-18.0GHz	TOKIMEC	TF323DCA	7002	RE	2008/12/16 * 12
MCC-77	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	278942/4	RE	2008/12/17 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	8127363	CE(EUT)	2009/02/18 * 12
MCC-13	Coaxial Cable	Fujikura/Agilent	-	-	CE	2009/02/16 * 12
MHA-17	Horn Antenna 15-40GHz	Schwarzbeck	BBHA9170	BBHA9170307	RE	2008/04/30 * 12

EMI test equipment (2/2)

Control No.	Instrument	Manufacturer	Model No	Serial No	Test Item	Calibration Date * Interval(month)
MAEC-03	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	RE	2009/02/02 * 12
MOS-13	Thermo-Hygrometer	Custom	CTH-180	-	RE	2009/02/06 * 12
MJM-06	Measure	PROMART	SEN1955	-	RE	-
MSA-09	Spectrum Analyzer	Advantest	R3273	95090115	RE	2008/12/24 * 12
MTR-08	Test Receiver	Rohde & Schwarz	ESCI	100767	RE	2008/06/12 * 12
MBA-03	Biconical Antenna	Schwarzbeck	BBA9106	1915	RE	2009/01/19 * 12
MLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	174	RE	2009/01/10 * 12
MCC-51	Coaxial cable	UL Japan	-	-	RE	2008/07/18 * 12
MAT-09	Attenuator(6dB)	Weinschel Corp	2	BK7973	RE	2008/11/14 * 12
MPA-13	Pre Amplifier	SONOMA INSTRUMENT	310	260834	RE	2009/03/18 * 12
MHA-20	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	258	RE	2009/04/30 * 12
MCC-56	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	174410(1m) / 284655(5m)	RE	2009/01/07 * 12
MPA-11	MicroWave System Amplifier	Agilent	83017A	MY39500779	RE	2009/03/19 * 12
MHA-16	Horn Antenna 15-40GHz	Schwarzbeck	BBHA9170	BBHA9170306	RE	2009/04/30 * 12
MCC-78	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	278993/4	RE	2008/12/17 * 12
MHF-19	High Pass Filter 3.5-18.0GHz	TOKIMEC	TF323DCA	602	RE	2008/12/16 * 12
MSA-10	Spectrum Analyzer	Agilent	E4448A	MY46180655	RE	2009/02/25 * 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.
As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

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