

APPENDIX 2: Data of EMI test

Conducted Emission 11b, Tx, Ch: Low, ANT1 DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/03/13

Company	: Sony Computer Entertainment Inc.	Report No.	: 28GE0238-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECH-01	Temp./Humi.	: 24 deg. C. / 36%
Serial No.	: 520100600	Operator	: Takumi Shimada

Mode / Remarks : WLAN, 11b, Tx 2412MHz, Ant1, 2Mbps

LIMIT : FCC15.207 QP
FCC15.207 AV

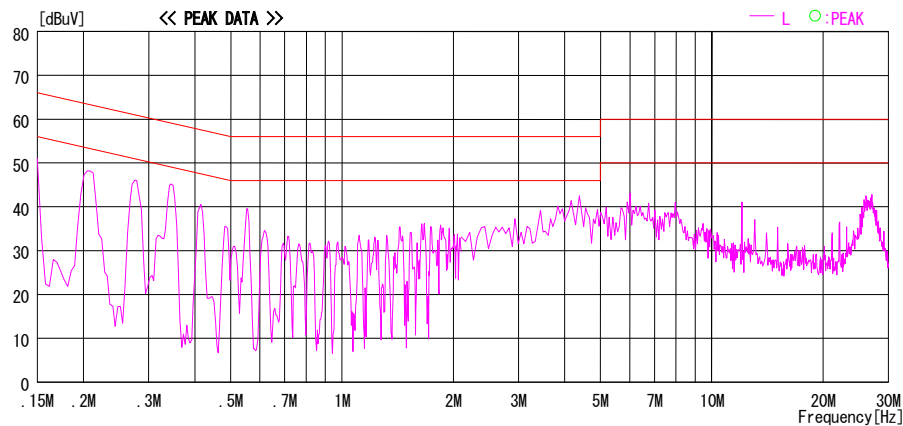
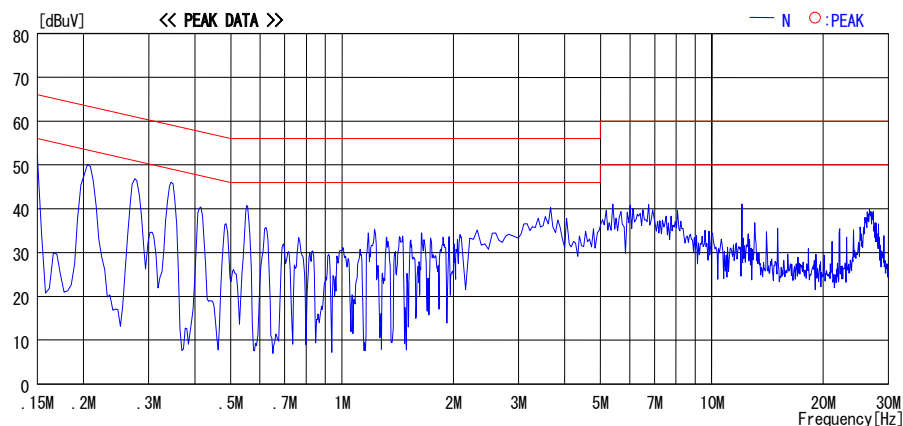


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table: adequate margin data below the limits.

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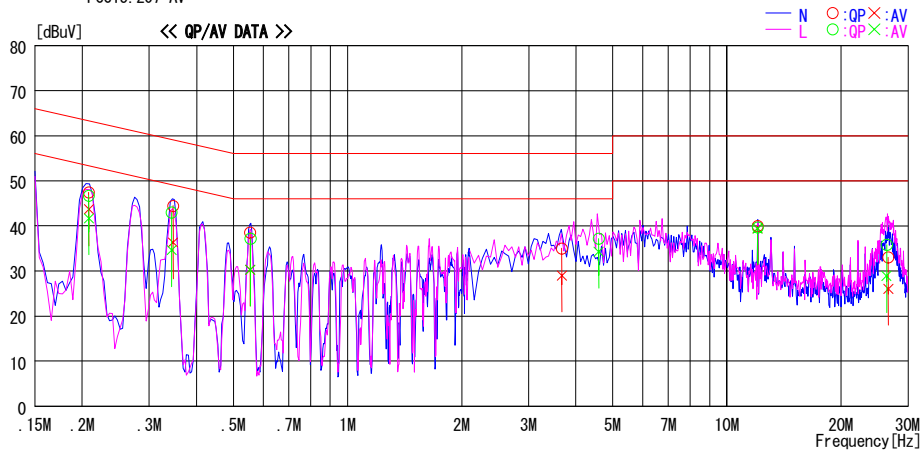
Conducted Emission
11b, Tx, Ch: Mid, ANT1
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/03/13

Company : Sony Computer Entertainment Inc.
Kind of EUT : PLAYSTATION®3
Model No. : CECHE01
Serial No. : 520100600
Report No. : 28GE0238-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 24 deg.C. / 36%
Operator : Takumi Shimada

Mode / Remarks : WLAN, 11b, Tx 2437MHz, Ant1, 2Mbps

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor	Results		Limit		Margin		Phase
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]	
0.20799	47.2	43.4	0.3	47.5	43.7	63.3	53.3	15.8	9.6	N
0.20797	46.4	41.4	0.3	46.7	41.7	63.3	53.3	16.6	11.6	L
0.34658	44.2	36.0	0.3	44.5	36.3	59.0	49.0	14.5	12.7	N
0.34400	42.7	34.3	0.3	43.0	34.6	59.1	49.1	16.1	14.5	L
0.55391	38.3	30.0	0.3	38.6	30.3	56.0	46.0	17.4	15.7	N
0.55442	36.9	30.0	0.3	37.2	30.3	56.0	46.0	18.9	15.7	L
4.59278	36.5	33.6	0.7	37.2	34.3	56.0	46.0	18.8	11.7	L
3.67296	34.4	28.4	0.6	35.0	29.0	56.0	46.0	21.0	17.0	N
12.05088	38.8	38.3	1.2	40.0	39.5	60.0	50.0	20.0	10.5	N
12.05140	38.5	38.2	1.2	39.7	39.4	60.0	50.0	20.3	10.6	L
26.38173	33.9	27.0	1.9	35.8	28.9	60.0	50.0	24.2	21.1	L
26.64043	31.1	24.1	1.9	33.0	26.0	60.0	50.0	27.0	24.0	N

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.

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

Conducted Emission
11b, Tx, Ch: High, ANT1
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/03/13

Company : Sony Computer Entertainment Inc.
Kind of EUT : PLAYSTATION®3
Model No. : CECHE01
Serial No. : 520100600

Report No. : 28GE0238-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 24 deg. C. / 36%
Operator : Takumi Shimada

Mode / Remarks : WLAN, 11b, Tx 2462MHz, Ant1, 2Mbps

LIMIT : FCC15.207 QP
FCC15.207 AV

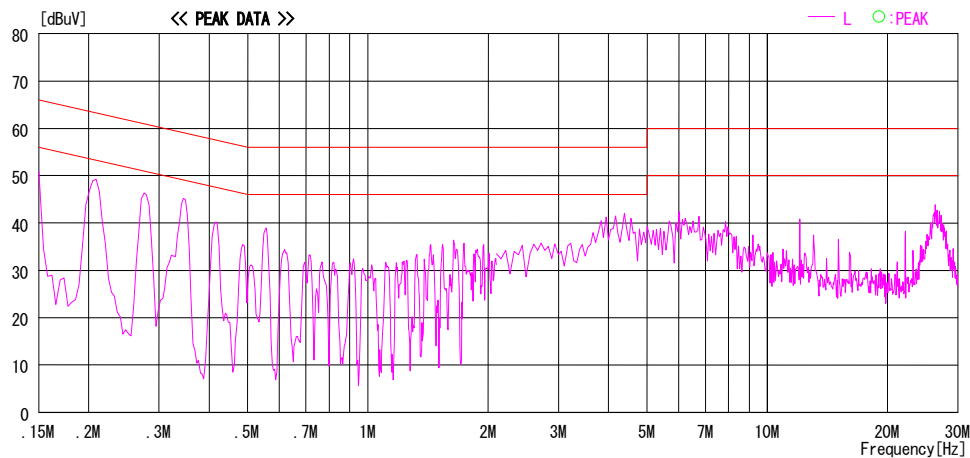
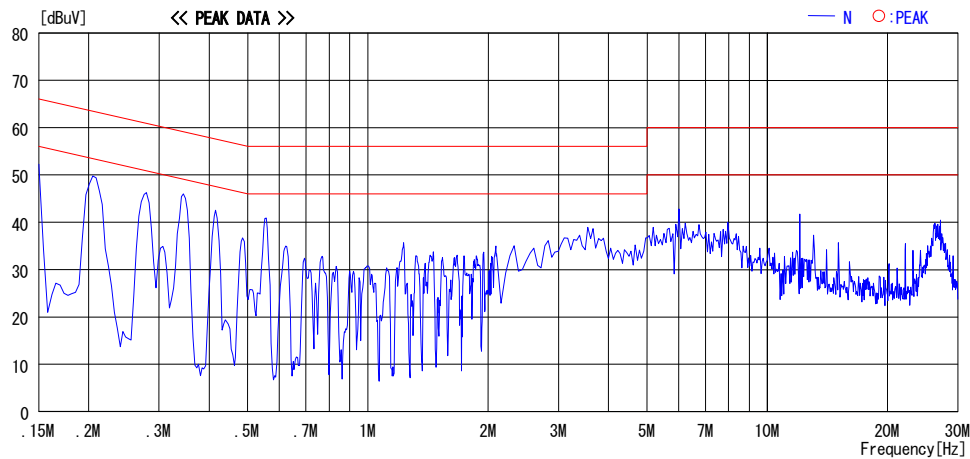


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table: adequate margin data below the limits.

Conducted Emission
11g, Tx, Ch: Low, ANT1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/03/13

Company : Sony Computer Entertainment Inc.
Kind of EUT : PLAYSTATION®3
Model No. : CECHE01
Serial No. : 520100600
Report No. : 28GE0238-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 24 deg.C. / 36%
Operator : Takumi Shimada

Mode / Remarks : WLAN, 11g, Tx 2412MHz, Ant1, 6Mbps

LIMIT : FCC15.207 QP
FCC15.207 AV

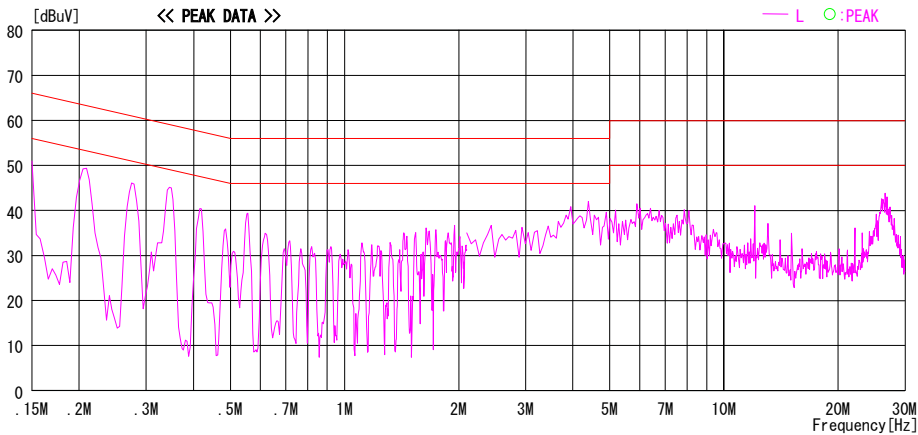
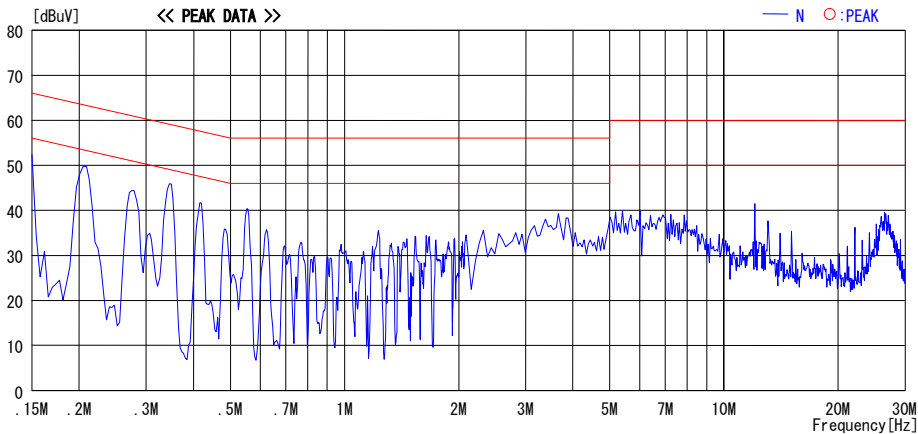


CHART:WITH FACTOR, Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB] (L1SN LOSS+CABLE LOSS)
Except for the above table: adequate margin data below the limits.

Conducted Emission
11g, Tx, Ch: Mid, ANT1

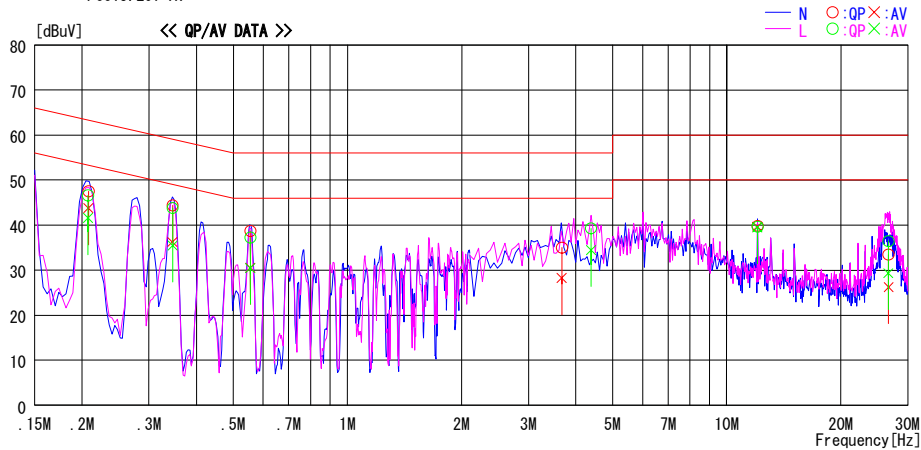
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/03/13

Company : Sony Computer Entertainment Inc. Report No. : 28GE0238-HO-01
Kind of EUT : PLAYSTATION®3 Power : AC 120V / 60Hz
Model No. : CECHE01 Temp./Humi. : 24 deg.C. / 36%
Serial No. : 520100600 Operator : Takumi Shimada

Mode / Remarks : WLAN, 11g, Tx 2437MHz, Ant1, 6Mbps

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency	Reading Level		Corr. Factor	Results		Limit		Margin		Phase
	QP	AV		QP	AV	QP	AV	QP	AV	
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]	
0.20787	47.2	43.4	0.3	47.5	43.7	63.3	53.3	15.8	9.6	N
0.34594	44.1	36.0	0.3	44.4	36.3	59.1	49.1	14.7	12.8	N
0.55439	38.4	30.2	0.3	38.7	30.5	56.0	46.0	17.3	15.5	N
3.67480	34.4	27.7	0.6	35.0	28.3	56.0	46.0	21.0	17.8	N
12.05156	38.7	38.4	1.2	39.9	39.6	60.0	50.0	20.2	10.4	N
26.69145	31.6	24.3	1.9	33.5	26.2	60.0	50.0	26.5	23.8	N
0.20699	46.4	41.3	0.3	46.7	41.6	63.3	53.3	16.6	11.8	L
0.34641	43.5	35.2	0.3	43.8	35.5	59.0	49.0	15.2	13.5	L
0.55448	36.9	30.2	0.3	37.2	30.5	56.0	46.0	18.8	15.5	L
4.38890	38.6	33.8	0.7	39.3	34.5	56.0	46.0	16.7	11.5	L
12.05144	38.5	38.3	1.2	39.7	39.5	60.0	50.0	20.3	10.5	L
26.67260	34.5	27.4	1.9	36.4	29.3	60.0	50.0	23.6	20.7	L

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.

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

Conducted Emission

11g, Tx, Ch: High, ANT1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/03/13

Company : Sony Computer Entertainment Inc.

Kind of EUT : PLAYSTATION®3

Model No. : CECHE01

Serial No. : 520100600

Report No. : 28GE0238-HO-01

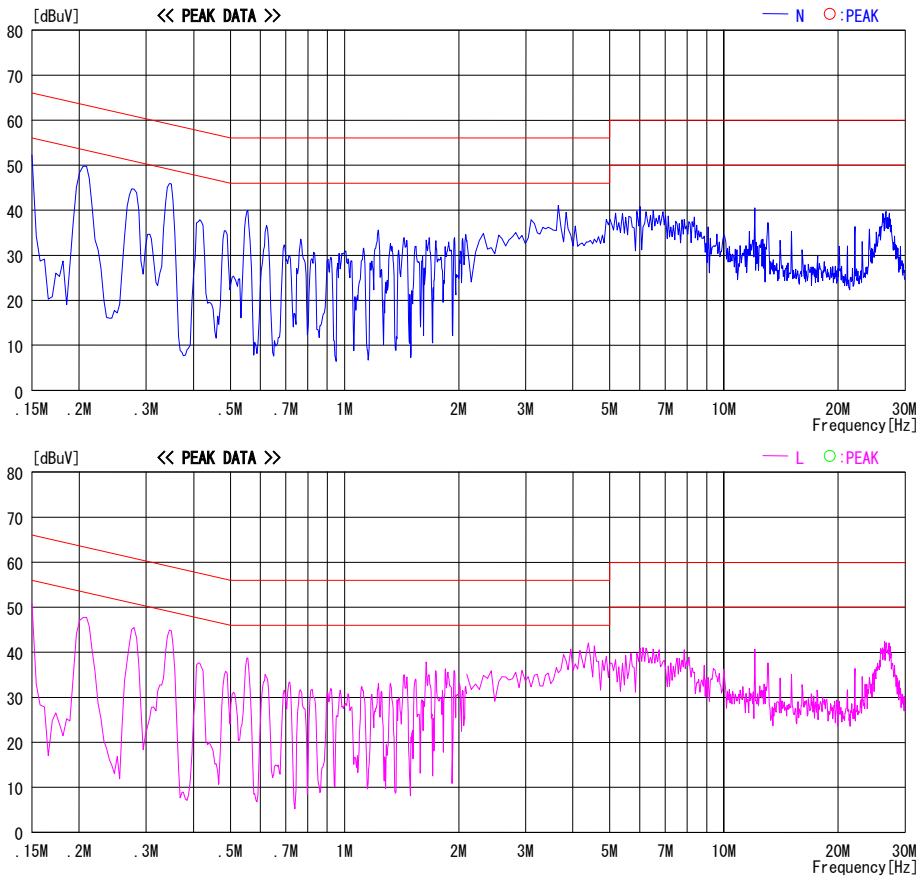
Power : AC 120V / 60Hz

Temp./Humi. : 24 deg.C. / 36%

Operator : Takumi Shimada

Mode / Remarks : WLAN, 11g, Tx 2462MHz, Ant1, 6Mbps

LIMIT : FCC15.207 QP
FCC15.207 AV



Conducted Emission
Rx, Ch: Mid, ANT1

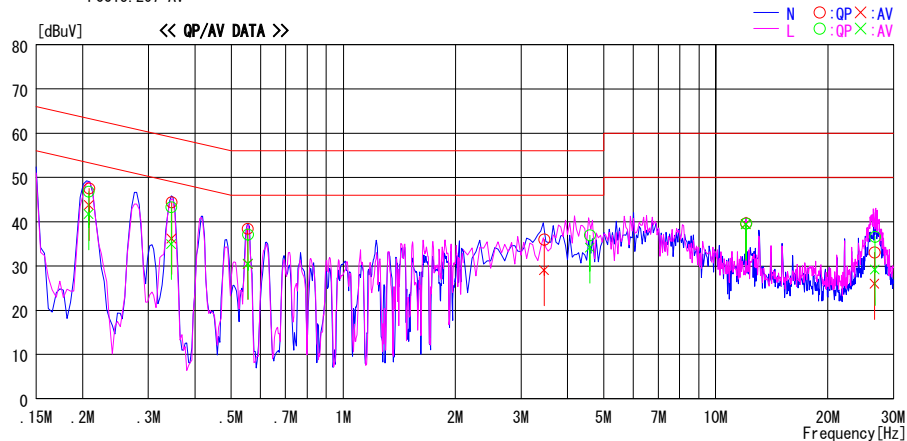
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/03/13

Company : Sony Computer Entertainment Inc. Report No. : 28GE0238-HO-01
Kind of EUT : PLAYSTATION®3 Power : AC 120V / 60Hz
Model No. : CECHE01 Temp./Humi. : 24 deg.C. / 36%
Serial No. : 520100600 Operator : Takumi Shimada

Mode / Remarks : WLAN, 11b/g, Rx 2437MHz, Ant1

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency	Reading Level		Corr. Factor	Results		Limit		Margin		Phase
	QP	AV		QP	AV	QP	AV	QP	AV	
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]	
0.20774	47.2	43.5	0.3	47.5	43.8	63.3	53.3	15.8	9.5	N
0.34582	44.1	35.9	0.3	44.4	36.2	59.1	49.1	14.7	12.9	N
0.55401	38.1	30.2	0.3	38.4	30.5	56.0	46.0	17.6	15.5	N
3.46476	35.4	28.5	0.6	36.0	29.1	56.0	46.0	20.0	16.9	N
12.05318	38.5	38.3	1.2	39.7	39.5	60.0	50.0	20.3	10.5	N
26.66960	31.2	24.1	1.9	33.1	26.0	60.0	50.0	26.9	24.0	N
0.20727	46.5	41.4	0.3	46.8	41.7	63.3	53.3	16.5	11.6	L
0.34524	43.0	34.7	0.3	43.3	35.0	59.1	49.1	15.8	14.1	L
0.55461	36.8	30.2	0.3	37.1	30.5	56.0	46.0	18.9	15.5	L
4.59182	36.2	33.5	0.7	36.9	34.2	56.0	46.0	19.1	11.8	L
12.05176	38.4	38.2	1.2	39.6	39.4	60.0	50.0	20.4	10.6	L
26.72960	34.8	27.3	1.9	36.7	29.2	60.0	50.0	23.4	20.8	L

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.

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

6dB Bandwidth

ANT1

UL Japan, Inc.

Head Office EMC Lab. No.7 Shielded Room

COMPANY	: Sony Computer Entertainment Inc.	REPORT NO	: 28GE0238-HO-01
EQUIPMENT	: PLAYSTATION®3	REGULATION	: FCC15.247(a)(2)/RSS-210A8.2(a)
MODEL	: CECHE01	TEST DISTANCE	: -
SAMPLE NO.	: 520100617	DATE	: 3/13/2008
POWER	: AC120V/60Hz	TEMPERATURE	: 26deg.C.
MODE	: Tx (Ch 1,6,11), ANT1	HUMIDITY	: 32%
		ENGINEER	: Takahiro Hatakeda

[IEEE802.11b]

Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2412.0	9.933	>500
Mid	2437.0	9.936	>500
High	2462.0	9.927	>500

[IEEE802.11g]

Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2412.0	16.595	>500
Mid	2437.0	16.591	>500
High	2462.0	16.587	>500

UL Japan, Inc.

Head Office EMC Lab.

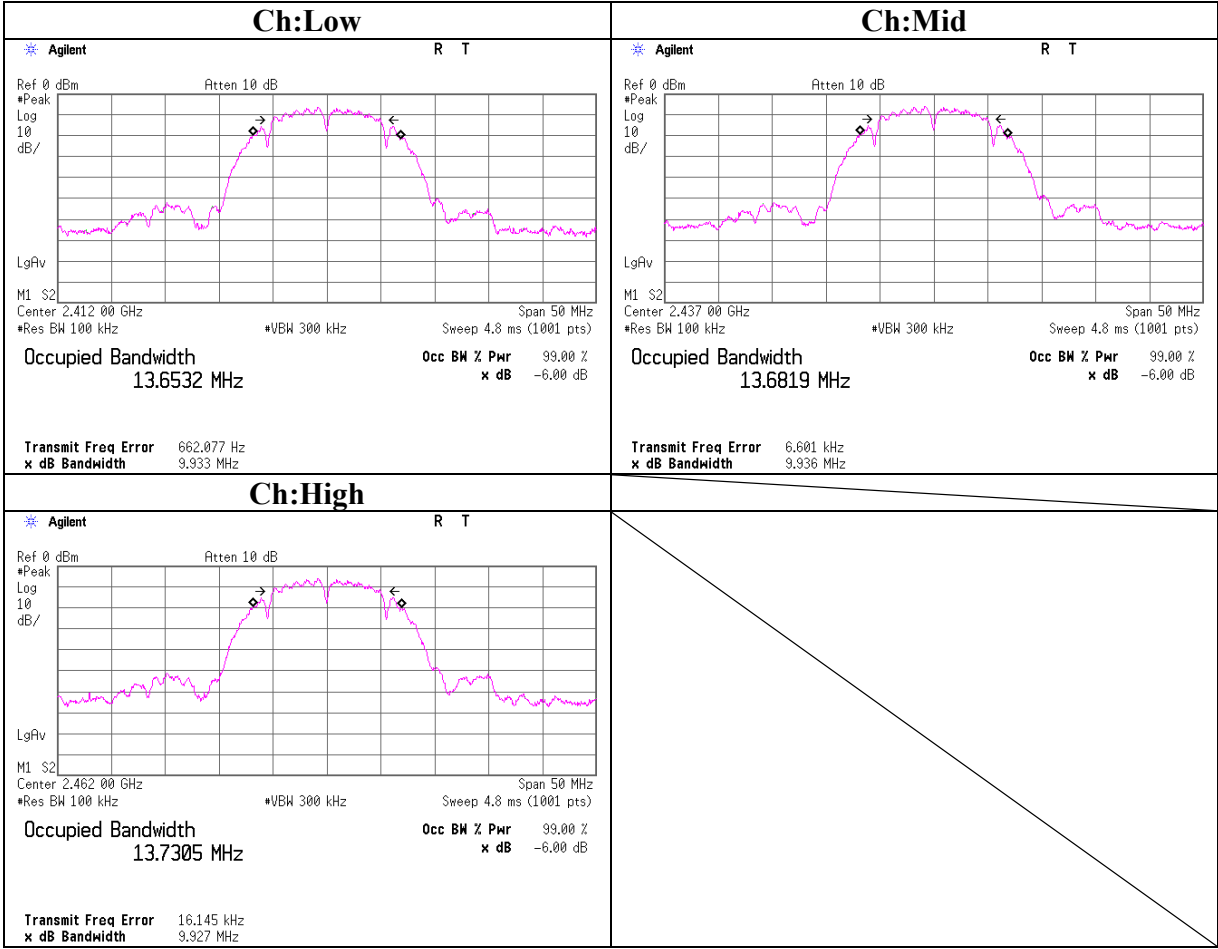
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

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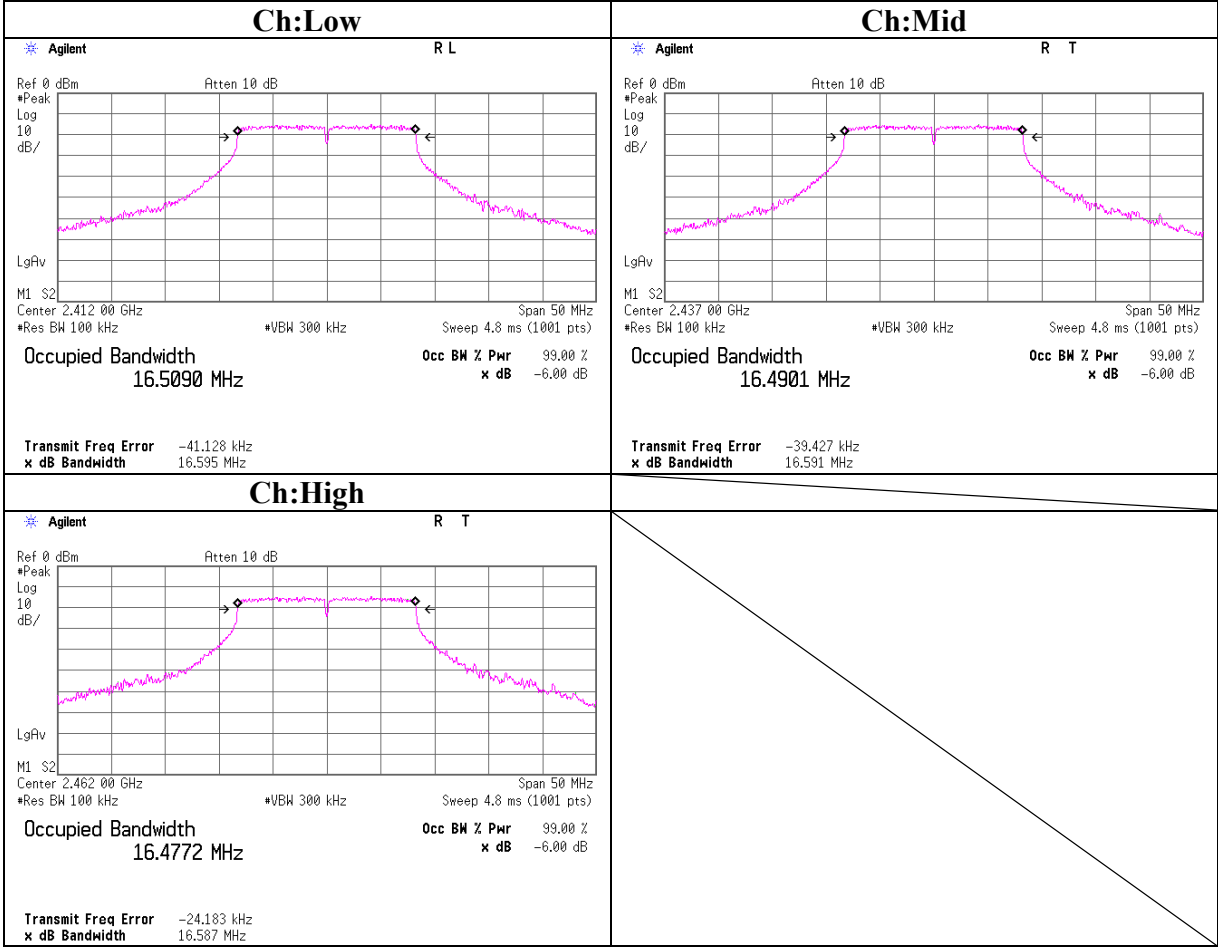
6dB Bandwidth

IEEE802.11b



6dB Bandwidth

IEEE802.11g



Maximum Peak Output Power 11b, ANT0

UL Japan, Inc.

Head Office EMC Lab. No.3 Shielded Room

COMPANY : Sony Computer Entertainment Inc.
EQUIPMENT : PLAYSTATION®3
MODEL : CECHE01
SAMPLE NO. : 520100617
POWER : AC120V/60Hz
MODE : Tx (Ch 1,6,11) , ANT0

REPORT NO : 28GE0238-HO-01
REGULATION : FCC15.247(b)(3)/RSS-210A8.4(4)
TEST DISTANCE : -
DATE : 3/10/2008
TEMPERATURE : 25deg.C.
HUMIDITY : 38%
ENGINEER : Takayuki Shimada

[IEEE802.11b] (Rate Check)

Ch	Freq. [MHz]	Bit Rate [Mbps]	P/M(PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
						[dBm]	[mW]	[dBm]	[mW]	
Mid	2437.0	1	-3.30	0.60	19.94	17.24	52.97	30.00	1000	12.76
Mid	2437.0	2	-3.25	0.60	19.94	17.29	53.58	30.00	1000	12.71
Mid	2437.0	5.5	-4.11	0.60	19.94	16.43	43.95	30.00	1000	13.57
Mid	2437.0	11	-3.33	0.60	19.94	17.21	52.60	30.00	1000	12.79

[IEEE802.11b]

Ch	Freq. [MHz]	Bit Rate [Mbps]	P/M(PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
						[dBm]	[mW]	[dBm]	[mW]	
Low	2412.0	2	-3.05	0.60	19.94	17.49	56.10	30.00	1000	12.51
Mid	2437.0	2	-3.25	0.60	19.94	17.29	53.58	30.00	1000	12.71
High	2462.0	2	-3.16	0.60	19.94	17.38	54.70	30.00	1000	12.62

Sample Calculation:

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

* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

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

UL Japan, Inc.

Head Office EMC Lab.

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Maximum Peak Output Power 11g, ANT0

UL Japan, Inc.
Head Office EMC Lab. No.3 Shielded Room

COMPANY : Sony Computer Entertainment Inc.	REPORT NO : 28GE0238-HO-01
EQUIPMENT : PLAYSTATION®3	REGULATION : FCC15.247(b)(3)/RSS-210A8.4(4)
MODEL : CECHE01	TEST DISTANCE : -
SAMPLE NO. : 520100617	DATE : 3/10/2008
POWER : AC120V/60Hz	TEMPERATURE : 25deg.C.
MODE : Tx (Ch 1,6,11) , ANT0	HUMIDITY : 38%
	ENGINEER : Takayuki Shimada

[IEEE802.11g] (Rate Check)

Ch	Freq. [MHz]	Bit Rate [Mbps]	P/M(PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
						[dBm]	[mW]	[dBm]	[mW]	
Mid	2437.0	6	-0.86	0.60	19.94	19.68	92.90	30.00	1000	10.32
Mid	2437.0	9	-1.35	0.60	19.94	19.19	82.99	30.00	1000	10.81
Mid	2437.0	12	-1.40	0.60	19.94	19.14	82.04	30.00	1000	10.86
Mid	2437.0	18	-1.90	0.60	19.94	18.64	73.11	30.00	1000	11.36
Mid	2437.0	24	-0.88	0.60	19.94	19.66	92.47	30.00	1000	10.34
Mid	2437.0	36	-1.16	0.60	19.94	19.38	86.70	30.00	1000	10.62
Mid	2437.0	48	-1.30	0.60	19.94	19.24	83.95	30.00	1000	10.76
Mid	2437.0	54	-1.35	0.60	19.94	19.19	82.99	30.00	1000	10.81

[IEEE802.11g]

Ch	Freq. [MHz]	Bit Rate [Mbps]	P/M(PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
						[dBm]	[mW]	[dBm]	[mW]	
Low	2412.0	6	-0.90	0.60	19.94	19.64	92.04	30.00	1000	10.36
Mid	2437.0	6	-0.86	0.60	19.94	19.68	92.90	30.00	1000	10.32
High	2462.0	6	-1.05	0.60	19.94	19.49	88.92	30.00	1000	10.51

Sample Calculation:

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

* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

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

Maximum Peak Output Power
11b, ANT1

UL Japan, Inc.
Head Office EMC Lab. No.3 Shielded Room

COMPANY : Sony Computer Entertainment Inc.
QUIPMENT : PLAYSTATION®3
MODEL : CECHE01
SAMPLE NO. : 520100617
POWER : AC120V/60Hz
MODE : Tx (Ch 1,6,11) , ANT1

REPORT NO : 28GE0238-HO-01
REGULATION : FCC15.247(b)(3)/RSS-210A8.4(4)
TEST DISTANCE : -
DATE : 3/10/2008
TEMPERATURE : 25deg.C.
HUMIDITY : 38%
ENGINEER : Takayuki Shimada

[IEEE802.11b] (Rate Check)

Ch	Freq. [MHz]	Bit Rate [Mbps]	P/M(PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
						[dBm]	[mW]	[dBm]	[mW]	
Mid	2437.0	1	-2.72	0.60	19.94	17.82	60.53	30.00	1000	12.18
Mid	2437.0	2	-2.60	0.60	19.94	17.94	62.23	30.00	1000	12.06
Mid	2437.0	5.5	-3.48	0.60	19.94	17.06	50.82	30.00	1000	12.94
Mid	2437.0	11	-3.06	0.60	19.94	17.48	55.98	30.00	1000	12.52

[IEEE802.11b]

Ch	Freq. [MHz]	Bit Rate [Mbps]	P/M(PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
						[dBm]	[mW]	[dBm]	[mW]	
Low	2412.0	2	-2.92	0.60	19.94	17.62	57.81	30.00	1000	12.38
Mid	2437.0	2	-2.60	0.60	19.94	17.94	62.23	30.00	1000	12.06
High	2462.0	2	-2.47	0.60	19.94	18.07	64.12	30.00	1000	11.93

Sample Calculation:

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

* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

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

Maximum Peak Output Power 11g, ANT1

UL Japan, Inc.
Head Office EMC Lab. No.3 Shielded Room

COMPANY : Sony Computer Entertainment Inc.	REPORT NO : 28GE0238-HO-01
QUIPMENT : PLAYSTATION®3	REGULATION : FCC15.247(b)(3)/RSS-210A8.4(4)
MODEL : CECHE01	TEST DISTANCE : -
SAMPLE NO. : 520100617	DATE : 3/10/2008
POWER : AC120V/60Hz	TEMPERATURE : 25deg.C.
MODE : Tx (Ch 1,6,11) , ANT1	HUMIDITY : 38%
	ENGINEER : Takayuki Shimada

[IEEE802.11g] (Rate Check)

Ch	Freq. [MHz]	Bit Rate [Mbps]	P/M(PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
						[dBm]	[mW]	[dBm]	[mW]	
Mid	2437.0	6	-0.32	0.60	19.94	20.22	105.20	30.00	1000	9.78
Mid	2437.0	9	-0.47	0.60	19.94	20.07	101.62	30.00	1000	9.93
Mid	2437.0	12	-0.44	0.60	19.94	20.10	102.33	30.00	1000	9.90
Mid	2437.0	18	-0.74	0.60	19.94	19.80	95.50	30.00	1000	10.20
Mid	2437.0	24	-0.65	0.60	19.94	19.89	97.50	30.00	1000	10.11
Mid	2437.0	36	-0.35	0.60	19.94	20.19	104.47	30.00	1000	9.81
Mid	2437.0	48	-0.33	0.60	19.94	20.21	104.95	30.00	1000	9.79
Mid	2437.0	54	-0.42	0.60	19.94	20.12	102.80	30.00	1000	9.88

[IEEE802.11g]

Ch	Freq. [MHz]	Bit Rate [Mbps]	P/M(PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
						[dBm]	[mW]	[dBm]	[mW]	
Low	2412.0	6	-0.18	0.60	19.94	20.36	108.64	30.00	1000	9.64
Mid	2437.0	6	-0.32	0.60	19.94	20.22	105.20	30.00	1000	9.78
High	2462.0	6	-0.33	0.60	19.94	20.21	104.95	30.00	1000	9.79

Sample Calculation:

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

* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

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

Radiated Spurious Emission (below 1GHz)
11b, Tx, Ch:Low, ANT1

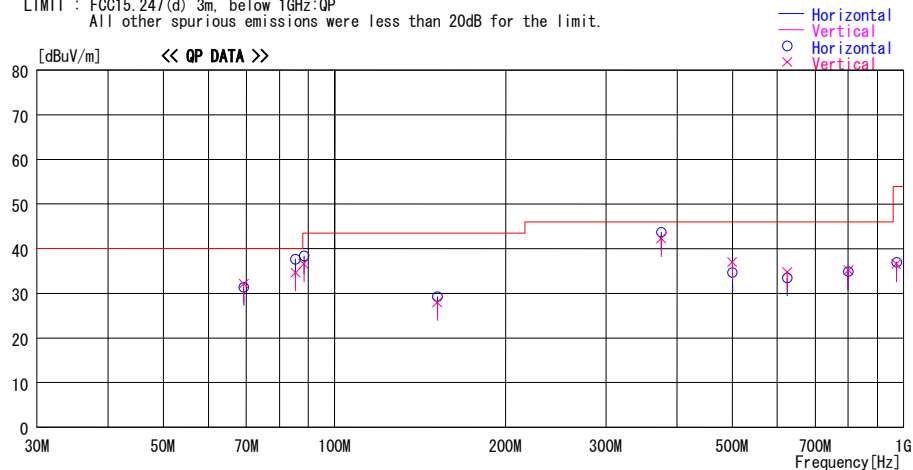
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/03/12

Company : Sony Computer Entertainment Inc. Report No. : 28GE0238-HO-01
Kind of EUT : PLAYSTATION®3 Power : AC120V / 60Hz
Model No. : CECHE01 Temp./Humi. : 22deg.C / 35%
Serial No. : 520100600 Operator : Takahiro Hatakeda

Mode / Remarks : WLAN, 11b, Tx 2412MHz, PN9, Ant1, 2Mbps, Max-axis(Hor:Y-axis, Ver:X-axis)

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	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Gain [dB]						
69.284	48.9	QP	6.8	-24.3	31.4	103	284	Hori.	40.0	8.6
69.285	49.6	QP	6.8	-24.3	32.1	348	100	Vert.	40.0	7.9
85.346	54.4	QP	7.4	-24.1	37.7	101	219	Hori.	40.0	2.3
85.346	51.3	QP	7.4	-24.1	34.6	16	100	Vert.	40.0	5.4
88.360	52.8	QP	7.9	-24.1	36.6	359	100	Vert.	43.5	6.9
88.361	54.6	QP	7.9	-24.1	38.4	97	209	Hori.	43.5	5.1
151.623	37.6	QP	15.0	-23.3	29.3	51	257	Hori.	43.5	14.2
151.647	36.3	QP	15.0	-23.3	28.0	1	100	Vert.	43.5	15.5
374.992	47.7	QP	17.6	-21.6	43.7	94	100	Hori.	46.0	2.3
374.993	46.3	QP	17.6	-21.6	42.3	164	139	Vert.	46.0	3.7
499.994	36.0	QP	19.4	-20.7	34.7	141	100	Hori.	46.0	11.3
499.995	38.3	QP	19.4	-20.7	37.0	35	133	Vert.	46.0	9.0
624.985	34.7	QP	20.4	-20.3	34.8	84	100	Vert.	46.0	11.2
624.987	33.4	QP	20.4	-20.3	33.5	213	100	Hori.	46.0	12.5
799.996	30.8	QP	23.1	-19.0	34.9	196	100	Hori.	46.0	11.1
799.998	31.1	QP	23.1	-19.0	35.2	165	134	Vert.	46.0	10.8
972.000	28.3	QP	26.1	-17.5	36.9	104	238	Hori.	53.9	17.0
972.000	28.0	QP	26.1	-17.5	36.6	47	100	Vert.	53.9	17.3

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

Radiated Spurious Emission (below 1GHz)
11b, Tx, Ch:High, ANT1

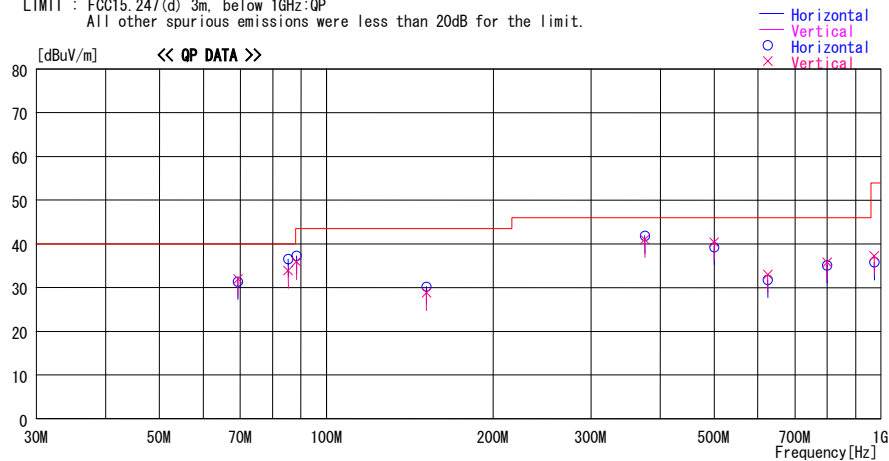
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/03/12

Company : Sony Computer Entertainment Inc. Report No. : 28GE0238-HO-01
Kind of EUT : PLAYSTATION®3 Power : AC120V / 60Hz
Model No. : CECHE01 Temp./Humi. : 22deg.C. / 35%
Serial No. : 520100600 Operator : Takahiro Hatakeda

Mode / Remarks : WLAN, 11b, Tx 2462MHz, PN9, Ant1, 2Mbps, Max-axis(Hor:Y-axis, Ver:X-axis)

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		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Loss& Gain [dB]						
69.280	48.9	QP	6.8	-24.3	31.4	87	303	Hori.	40.0	8.6
69.281	49.5	QP	6.8	-24.3	32.0	347	100	Vert.	40.0	8.0
85.340	50.6	QP	7.4	-24.1	33.9	13	100	Vert.	40.0	6.1
85.341	53.2	QP	7.4	-24.1	36.5	86	234	Hori.	40.0	3.5
88.355	53.5	QP	7.9	-24.1	37.3	86	213	Hori.	43.5	6.2
88.358	52.1	QP	7.9	-24.1	35.9	359	100	Vert.	43.5	7.6
151.615	37.1	QP	15.0	-23.3	28.8	359	100	Vert.	43.5	14.7
151.618	38.5	QP	15.0	-23.3	30.2	93	227	Hori.	43.5	13.3
374.996	45.9	QP	17.6	-21.6	41.9	92	100	Hori.	46.0	4.1
374.996	45.0	QP	17.6	-21.6	41.0	162	137	Vert.	46.0	5.0
499.990	40.5	QP	19.4	-20.7	39.2	153	100	Hori.	46.0	6.8
499.991	41.7	QP	19.4	-20.7	40.4	48	112	Vert.	46.0	5.6
624.993	32.9	QP	20.4	-20.3	33.0	102	100	Vert.	46.0	13.0
624.993	31.7	QP	20.4	-20.3	31.8	179	100	Hori.	46.0	14.2
799.999	31.7	QP	23.1	-19.0	35.8	156	137	Vert.	46.0	10.2
800.000	31.0	QP	23.1	-19.0	35.1	177	100	Hori.	46.0	10.9
971.997	27.2	QP	26.1	-17.5	35.8	112	100	Hori.	53.9	18.1
971.998	28.6	QP	26.1	-17.5	37.2	37	100	Vert.	53.9	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)

11g, Tx, Ch:Low, ANT1

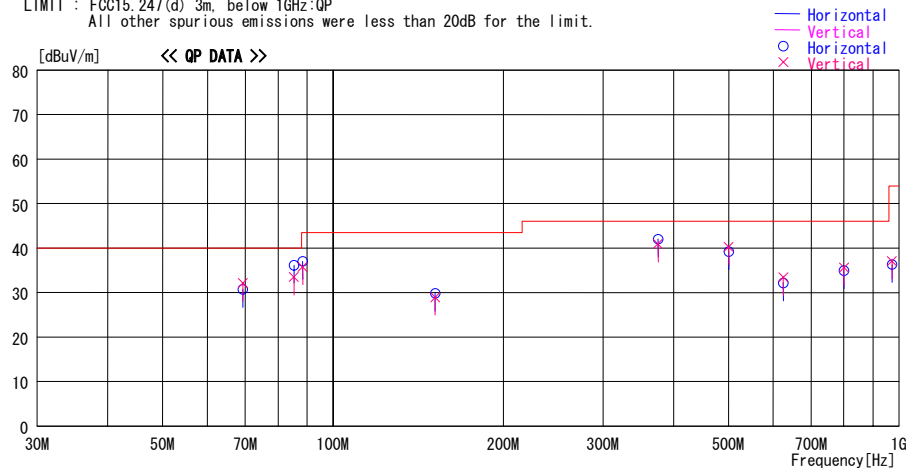
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/03/12

Company : Sony Computer Entertainment Inc. Report No. : 28GE0238-HO-01
Kind of EUT : PLAYSTATION®3 Power : AC120V / 60Hz
Model No. : CECHE01 Temp./Humi. : 22deg. C. / 35%
Serial No. : 520100600 Operator : Takahiro Hatakeda

Mode / Remarks : WLAN, 11g, Tx 2412MHz, PN9, Ant1, 6Mbps, Max-axis(Hor:Y-axis, Ver:X-axis)

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	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit	Margin
			Factor [dB/m]	Gain [dB]					[dBuV/m]	[dB]
69.280	48.2	QP	6.8	-24.3	30.7	92	293	Hori.	40.0	9.3
69.280	49.6	QP	6.8	-24.3	32.1	351	100	Vert.	40.0	7.9
85.338	50.2	QP	7.4	-24.1	33.5	7	100	Vert.	40.0	6.5
85.340	52.8	QP	7.4	-24.1	36.1	97	249	Hori.	40.0	3.9
88.353	53.2	QP	7.9	-24.1	37.0	79	209	Hori.	43.5	6.5
88.355	52.0	QP	7.9	-24.1	35.8	359	100	Vert.	43.5	7.7
151.608	37.2	QP	15.0	-23.3	28.9	359	100	Vert.	43.5	14.6
151.609	38.1	QP	15.0	-23.3	29.8	77	217	Hori.	43.5	13.7
374.995	46.0	QP	17.6	-21.6	42.0	89	100	Hori.	46.0	4.0
374.996	44.9	QP	17.6	-21.6	40.9	171	128	Vert.	46.0	5.1
499.992	41.6	QP	19.4	-20.7	40.3	38	119	Vert.	46.0	5.7
499.993	40.5	QP	19.4	-20.7	39.2	144	100	Hori.	46.0	6.8
624.991	33.3	QP	20.4	-20.3	33.4	113	100	Vert.	46.0	12.6
624.991	32.1	QP	20.4	-20.3	32.2	181	100	Hori.	46.0	13.8
800.000	30.8	QP	23.1	-19.0	34.9	183	100	Hori.	46.0	11.1
800.000	31.5	QP	23.1	-19.0	35.6	162	135	Vert.	46.0	10.4
972.000	27.7	QP	26.1	-17.5	36.3	98	100	Hori.	53.9	17.6
972.000	28.5	QP	26.1	-17.5	37.1	47	100	Vert.	53.9	16.8

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

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

Radiated Spurious Emission (below 1GHz)
11g, Tx, Ch:Mid, ANT1

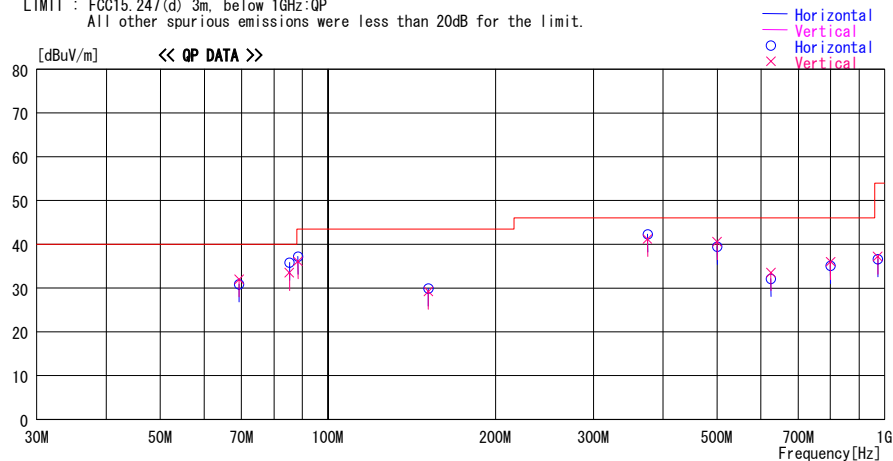
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/03/12

Company : Sony Computer Entertainment Inc. Report No. : 28GE0238-HO-01
Kind of EUT : PLAYSTATION®3 Power : AC120V / 60Hz
Model No. : CECHE01 Temp./Humi. : 22deg.C. / 35%
Serial No. : 520100600 Operator : Takahiro Hatakeda

Mode / Remarks : WLAN, 11g, Tx 2437MHz, PN9, Ant1, 6Mbps, Max-axis(Hor:Y-axis, Ver:X-axis)

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



Frequency	Reading	DET	Antenna		Level	Angle	Height	Polar.	Limit	Margin
			Factor	Gain						
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]
69.281	48.4	QP	6.8	-24.3	30.9	88	298	Hori.	40.0	9.1
69.281	49.5	QP	6.8	-24.3	32.0	347	100	Vert.	40.0	8.0
85.339	50.2	QP	7.4	-24.1	33.5	11	100	Vert.	40.0	6.5
85.340	52.5	QP	7.4	-24.1	35.8	91	255	Hori.	40.0	4.2
88.354	53.4	QP	7.9	-24.1	37.2	86	216	Hori.	43.5	6.3
88.354	52.3	QP	7.9	-24.1	36.1	359	100	Vert.	43.5	7.4
151.609	37.5	QP	15.0	-23.3	29.2	359	100	Vert.	43.5	14.3
151.609	38.2	QP	15.0	-23.3	29.9	85	223	Hori.	43.5	13.6
374.993	46.3	QP	17.6	-21.6	42.3	91	100	Hori.	46.0	3.7
374.996	45.2	QP	17.6	-21.6	41.2	179	121	Vert.	46.0	4.8
499.993	41.8	QP	19.4	-20.7	40.5	44	122	Vert.	46.0	5.5
499.993	40.8	QP	19.4	-20.7	39.5	139	100	Hori.	46.0	6.5
624.992	33.4	QP	20.4	-20.3	33.5	109	100	Vert.	46.0	12.5
624.992	32.0	QP	20.4	-20.3	32.1	185	100	Hori.	46.0	13.9
800.000	31.0	QP	23.1	-19.0	35.1	177	100	Hori.	46.0	10.9
800.000	31.9	QP	23.1	-19.0	36.0	171	129	Vert.	46.0	10.0
972.000	28.0	QP	26.1	-17.5	36.6	95	100	Hori.	53.9	17.3
972.000	28.6	QP	26.1	-17.5	37.2	34	100	Vert.	53.9	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 round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)

11g, Tx, Ch:High, ANT1

DATA OF RADIATED EMISSION TEST

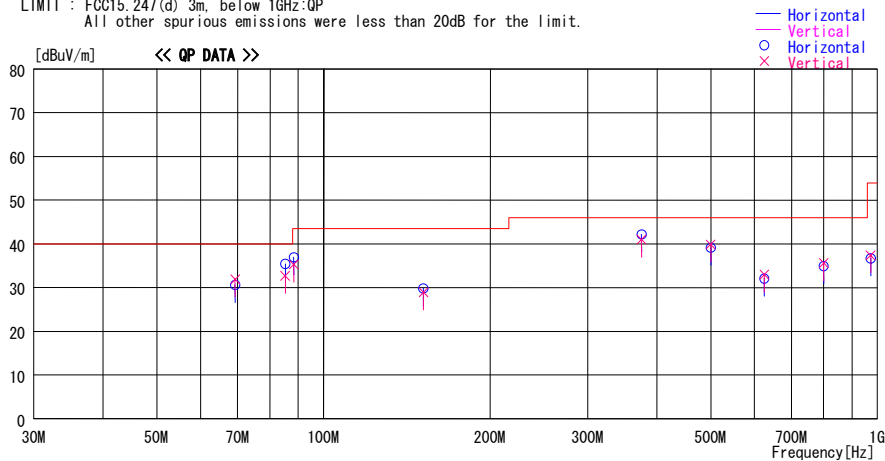
UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/03/12

Company : Sony Computer Entertainment Inc. Report No. : 28GE0238-HO-01
Kind of EUT : PLAYSTATION®3 Power : AC120V / 60Hz
Model No. : CECHE01 Temp./Humi. : 22deg.C. / 35%
Serial No. : 520100600 Operator : Takahiro Hatakeda

Mode / Remarks : WLAN, 11g, Tx 2462MHz, PN9, Ant1, 6Mbps, Max-axis(Hor:Y-axis, Ver:X-axis)

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	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Gain [dB]						
69.284	48.1	QP	6.8	-24.3	30.6	93	281	Hori.	40.0	9.4
69.284	49.4	QP	6.8	-24.3	31.9	351	100	Vert.	40.0	8.1
85.342	49.4	QP	7.4	-24.1	32.7	21	100	Vert.	40.0	7.3
85.344	52.1	QP	7.4	-24.1	35.4	81	270	Hori.	40.0	4.6
88.355	53.1	QP	7.9	-24.1	36.9	97	222	Hori.	43.5	6.6
88.355	51.5	QP	7.9	-24.1	35.3	359	100	Vert.	43.5	8.2
151.613	38.1	QP	15.0	-23.3	29.8	91	234	Hori.	43.5	13.7
151.616	37.2	QP	15.0	-23.3	28.9	359	100	Vert.	43.5	14.6
374.994	46.2	QP	17.6	-21.6	42.2	109	100	Hori.	46.0	3.8
374.994	45.0	QP	17.6	-21.6	41.0	171	129	Vert.	46.0	5.0
499.992	41.2	QP	19.4	-20.7	39.9	37	129	Vert.	46.0	6.1
499.993	40.4	QP	19.4	-20.7	39.1	119	100	Hori.	46.0	6.9
624.989	32.0	QP	20.4	-20.3	32.1	171	100	Hori.	46.0	13.9
624.990	32.9	QP	20.4	-20.3	33.0	111	100	Vert.	46.0	13.0
800.000	30.8	QP	23.1	-19.0	34.9	169	100	Hori.	46.0	11.1
800.000	31.5	QP	23.1	-19.0	35.6	179	119	Vert.	46.0	10.4
972.000	28.1	QP	26.1	-17.5	36.7	89	100	Hori.	53.9	17.2
972.000	28.8	QP	26.1	-17.5	37.4	29	100	Vert.	53.9	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 round off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)

Rx, Ch:Mid, ANT1

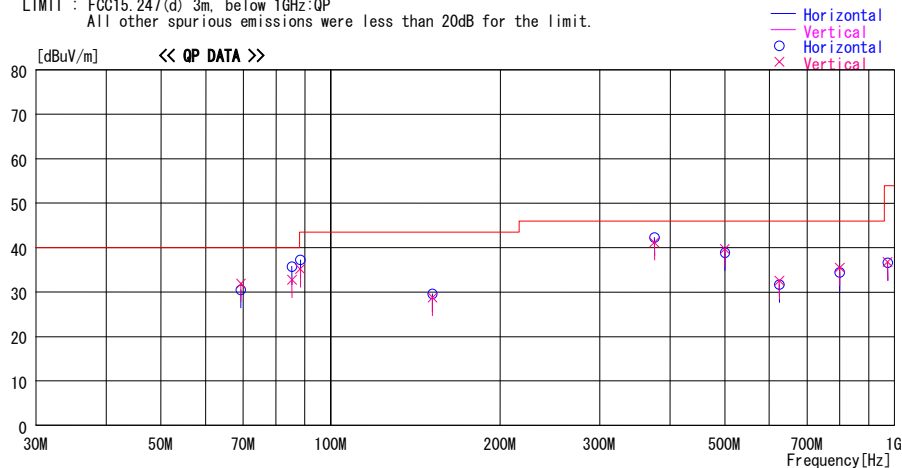
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/03/12

Company : Sony Computer Entertainment Inc. Report No. : 28GE0238-HO-01
Kind of EUT : PLAYSTATION®3 Power : AC120V / 60Hz
Model No. : CECHE01 Temp./Humi. : 22deg. C. / 35%
Serial No. : 520100600 Operator : Takahiro Hatakeda

Mode / Remarks : WLAN, 11b/11g, Rx 2437MHz, Ant1, Max-axis(Hor:Y-axis, Ver:X-axis)

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		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit	
			Factor [dB/m]	Loss& Gain [dB]					[dBuV/m]	Margin [dB]
69.285	48.0	QP	6.8	-24.3	30.5	103	299	Hori.	40.0	9.5
69.285	49.4	QP	6.8	-24.3	31.9	349	100	Vert.	40.0	8.1
85.350	49.5	QP	7.4	-24.1	32.8	26	100	Vert.	40.0	7.2
85.351	52.4	QP	7.4	-24.1	35.7	103	270	Hori.	40.0	4.3
88.361	51.4	QP	7.9	-24.1	35.2	359	100	Vert.	43.5	8.3
88.362	53.5	QP	7.9	-24.1	37.3	91	219	Hori.	43.5	6.2
151.617	37.0	QP	15.0	-23.3	28.7	359	100	Vert.	43.5	14.8
151.618	37.9	QP	15.0	-23.3	29.6	93	229	Hori.	43.5	13.9
374.993	46.3	QP	17.6	-21.6	42.3	115	100	Hori.	46.0	3.7
374.993	45.2	QP	17.6	-21.6	41.2	169	118	Vert.	46.0	4.8
499.992	41.0	QP	19.4	-20.7	39.7	29	122	Vert.	46.0	6.3
499.992	40.2	QP	19.4	-20.7	38.9	108	100	Hori.	46.0	7.1
624.991	32.4	QP	20.4	-20.3	32.5	97	100	Vert.	46.0	13.5
624.992	31.6	QP	20.4	-20.3	31.7	219	100	Hori.	46.0	14.3
800.000	30.3	QP	23.1	-19.0	34.4	177	100	Hori.	46.0	11.6
800.000	31.4	QP	23.1	-19.0	35.5	171	125	Vert.	46.0	10.5
972.000	28.0	QP	26.1	-17.5	36.6	80	100	Hori.	53.9	17.3
972.000	28.2	QP	26.1	-17.5	36.8	31	100	Vert.	53.9	17.1

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

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

Radiated Spurious Emission (above 1GHz)

11b, Tx, Ch:Low, ANT1

UL Japan, Inc.

Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHE01
S/N : 520100600
Power : AC 120V / 60Hz
Mode : 11b, Tx 2412MHz, PN9, Ant1, 2Mbps
Position : H: Y-axis, V: X-axis

Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 03/11/2008
Temperature : 25deg.C.
Humidity : 32%
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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1966.23	64.7	63.0	25.9	32.3	2.2	0.0	60.5	58.8	73.9	13.4	15.1
2	2390.00	52.5	52.1	27.0	32.1	2.5	0.0	49.9	49.5	73.9	24.0	24.4
3 **	2400.00	56.5	59.7	27.0	32.1	2.5	0.0	53.9	57.1	73.9	-	-
4	4824.00	44.0	43.9	30.8	31.2	3.7	0.9	48.2	48.1	73.9	25.7	25.8
5	6398.46	52.2	51.5	33.6	31.6	4.3	0.9	59.4	58.7	73.9	14.5	15.2
6	7236.00	41.0	41.0	35.7	32.5	4.6	0.7	49.5	49.5	73.9	24.4	24.4
7	9648.00	40.2	40.3	38.2	32.9	5.8	1.0	52.3	52.4	73.9	21.6	21.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12060.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	14472.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	16884.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	19296.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	21708.00	NS	NS	-	-	-	-	-	-	73.9	-	-
13	24120.00	45.9	45.8	38.7	32.2	8.1	0.0	51.0	50.9	73.9	22.9	23.0

** Reference data

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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1966.23	34.5	35.4	25.9	32.3	2.2	0.0	30.3	31.2	53.9	23.6	22.7
2	2390.00	37.8	39.2	27.0	32.1	2.5	0.0	35.2	36.6	53.9	18.7	17.3
3 **	2400.00	45.4	48.1	27.0	32.1	2.5	0.0	42.8	45.5	53.9	-	-
4	4824.00	32.5	27.7	30.8	31.2	3.7	0.9	36.7	31.9	53.9	17.2	22.0
5	6398.46	28.2	29.1	33.6	31.6	4.3	0.9	35.4	36.3	53.9	18.5	17.6
6	7236.00	27.2	27.3	35.7	32.5	4.6	0.7	35.7	35.8	53.9	18.2	18.1
7	9648.00	27.2	27.0	38.2	32.9	5.8	1.0	39.3	39.1	53.9	14.6	14.8
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12060.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	14472.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	16884.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	19296.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	21708.00	NS	NS	-	-	-	-	-	-	53.9	-	-
13	24120.00	32.8	32.9	38.7	32.2	8.1	0.0	37.9	38.0	53.9	16.0	15.9

** Reference data

20dBc (Fundamental)		2412.0 MHz		(RBW: 100kHz, VBW: 300kHz)								
No.	FREQ	S/A READING		ANT Factor	AMP GAIN	CABLE LOSS	Hi-Pass Filter	RESULT		Limit 20dBc	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
	[MHz]	[dBuV]						[dB/m]	[dB]		[dB]	[dB]
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
0	2412.00	103.8	103.2	27.0	32.1	2.5	0.0	101.2	100.6	-	-	-
3	2400.00	49.8	52.7	27.0	32.1	2.5	0.0	47.2	50.1	Funda-20dB	34.0	30.5

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 second harmonic, the noise from the EUT was not seen. The data above is its base noise.

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

*NS:Non Signal

UL Japan, Inc.

Head Office EMC Lab.

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Radiated Spurious Emission (above 1GHz)
11b, Tx, Ch:Mid, ANT1

UL Japan, Inc.

Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHE01
S/N : 520100600
Power : AC 120V / 60Hz
Mode : 11b, Tx 2437MHz, PN9, Ant1, 2Mbps
Position : H: Y-axis, V: X-axis

Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 03/11/2008
Temperature : 25deg.C.
Humidity : 32%
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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1959.93	64.8	66.0	25.9	32.3	2.2	0.0	60.6	61.8	73.9	13.3	12.1
2	4874.00	42.5	41.8	31.0	31.2	3.7	0.9	46.9	46.2	73.9	27.0	27.7
3	6369.80	50.7	49.4	33.5	31.5	4.3	0.9	57.9	56.6	73.9	16.0	17.3
4	7311.00	40.2	40.7	35.9	32.5	4.7	0.7	49.0	49.5	73.9	24.9	24.4
5	9748.00	40.3	41.9	38.3	32.9	5.9	1.0	52.6	54.2	73.9	21.3	19.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12185.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14622.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	17059.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19496.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	21933.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24370.00	45.4	45.5	38.8	32.2	8.2	0.0	50.7	50.8	73.9	23.2	23.1

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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1959.93	32.4	37.3	25.9	32.3	2.2	0.0	28.2	33.1	53.9	25.7	20.8
2	4874.00	31.7	29.5	31.0	31.2	3.7	0.9	36.1	33.9	53.9	17.8	20.0
3	6369.80	28.2	27.5	33.5	31.5	4.3	0.9	35.4	34.7	53.9	18.5	19.2
4	7311.00	26.1	26.2	35.9	32.5	4.7	0.7	34.9	35.0	53.9	19.0	18.9
5	9748.00	26.9	27.0	38.3	32.9	5.9	1.0	39.2	39.3	53.9	14.7	14.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12185.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14622.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	17059.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19496.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	21933.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24370.00	31.7	31.8	38.8	32.2	8.2	0.0	37.0	37.1	53.9	16.9	16.8

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 second harmonic, the noise from the EUT was not seen. The data above is its base noise.
*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)

11b, Tx, Ch:High, ANT1

UL Japan, Inc.

Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHE01
S/N : 520100600
Power : AC 120V / 60Hz
Mode : 11b, Tx 2462MHz, PN9, Ant1, 2Mbps
Position : H: Y-axis, V: X-axis

Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 03/11/2008
Temperature : 25deg.C.
Humidity : 32%
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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1964.47	67.1	66.6	25.9	32.3	2.2	0.0	62.9	62.4	73.9	11.0	11.5
2	2483.50	54.8	54.9	27.2	32.1	2.6	0.0	52.5	52.6	73.9	21.4	21.3
3	4924.00	41.4	41.8	31.1	31.2	3.7	0.9	45.9	46.3	73.9	28.0	27.6
4	6386.85	51.1	53.7	33.6	31.5	4.3	0.9	58.4	61.0	73.9	15.5	12.9
5	7386.00	41.0	41.8	36.0	32.6	4.7	0.7	49.8	50.6	73.9	24.1	23.3
6	9848.00	40.9	41.4	38.3	32.9	6.0	1.0	53.3	53.8	73.9	20.6	20.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12310.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	14772.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	17234.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	19696.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	22158.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	24620.00	45.4	45.3	38.8	32.2	8.2	0.0	50.7	50.6	73.9	23.2	23.3

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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1964.47	36.1	33.6	25.9	32.3	2.2	0.0	31.9	29.4	53.9	22.0	24.5
2	2483.50	43.1	41.5	27.2	32.1	2.6	0.0	40.8	39.2	53.9	13.1	14.7
3	4924.00	28.4	29.1	31.1	31.2	3.7	0.9	32.9	33.6	53.9	21.0	20.3
4	6386.85	30.0	28.7	33.6	31.5	4.3	0.9	37.3	36.0	53.9	16.6	17.9
5	7386.00	26.8	26.9	36.0	32.6	4.7	0.7	35.6	35.7	53.9	18.3	18.2
6	9848.00	27.3	27.2	38.3	32.9	6.0	1.0	39.7	39.6	53.9	14.2	14.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12310.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	14772.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	17234.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	19696.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	22158.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	24620.00	32.8	32.8	38.8	32.2	8.2	0.0	38.1	38.1	53.9	15.8	15.8

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 second harmonic, the noise from the EUT was not seen. The data above is its base noise.
*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)

11g, Tx, Ch:Low, ANT1

UL Japan, Inc.

Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHE01
S/N : 520100600
Power : AC 120V / 60Hz
Mode : 11g, Tx 2412MHz, PN9, Ant1, 6Mbps
Position : H: Y-axis, V: X-axis

Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 03/11/2008
Temperature : 25deg.C.
Humidity : 32%
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 [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1966.20	65.6	63.7	25.9	32.3	2.2	0.0	61.4	59.5	73.9	12.5	14.4
2	2390.00	56.6	54.9	27.0	32.1	2.5	0.0	54.0	52.3	73.9	19.9	21.6
3 **	2400.00	76.8	76.5	27.0	32.1	2.5	0.0	74.2	73.9	73.9	-	-
4	4824.00	40.4	39.8	30.8	31.2	3.7	0.9	44.6	44.0	73.9	29.3	29.9
5	6385.50	50.2	53.8	33.6	31.6	4.3	0.9	57.4	61.0	73.9	16.5	12.9
6	7236.00	41.5	41.0	35.7	32.5	4.6	0.7	50.0	49.5	73.9	23.9	24.4
7	9648.00	41.1	40.6	38.2	32.9	5.8	1.0	53.2	52.7	73.9	20.7	21.2
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12060.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	14472.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	16884.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	19296.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	21708.00	NS	NS	-	-	-	-	-	-	73.9	-	-
13	24120.00	45.9	45.7	38.7	32.2	8.1	0.0	51.0	50.8	73.9	22.9	23.1

** Reference data

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 [dBu V/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBu V/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1966.20	34.1	37.3	25.9	32.3	2.2	0.0	29.9	33.1	53.9	24.0	20.8
2	2390.00	41.0	39.2	27.0	32.1	2.5	0.0	38.4	36.6	53.9	15.5	17.3
3 **	2400.00	54.5	55.4	27.0	32.1	2.5	0.0	51.9	52.8	53.9	-	-
4	4824.00	26.0	26.0	30.8	31.2	3.7	0.9	30.2	30.2	53.9	23.7	23.7
5	6385.50	29.0	29.9	33.6	31.6	4.3	0.9	36.2	37.1	53.9	17.7	16.8
6	7236.00	27.2	27.3	35.7	32.5	4.6	0.7	35.7	35.8	53.9	18.2	18.1
7	9648.00	27.0	27.0	38.2	32.9	5.8	1.0	39.1	39.1	53.9	14.8	14.8
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12060.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	14472.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	16884.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	19296.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	21708.00	NS	NS	-	-	-	-	-	-	53.9	-	-
13	24120.00	32.7	32.7	38.7	32.2	8.1	0.0	37.8	37.8	53.9	16.1	16.1

** Reference data

20dBc (Fundamental) 2412.0 MHz (RBW: 100kHz, VBW: 300kHz)												
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit 20dBc [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBuV/m]			[dB]	
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
0	2412.00	95.3	93.2	27.0	32.1	2.5	0.0	92.7	90.6	-	-	-
3	2400.00	60.9	61.8	27.0	32.1	2.5	0.0	58.3	59.2	Funda-20dB	14.4	11.4

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 second harmonic, the noise from the EUT was not seen. The data above is its base noise.

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

*NS: Non Signal

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Radiated Spurious Emission (above 1GHz)

11g, Tx, Ch:Mid, ANT1

UL Japan, Inc.

Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHE01
S/N : 520100600
Power : AC 120V / 60Hz
Mode : 11g, Tx 2437MHz, PN9, Ant1, 6Mbps
Position : H: Y-axis, V: X-axis

Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 03/11/2008
Temperature : 25deg.C.
Humidity : 32%
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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1965.93	65.5	66.3	25.9	32.3	2.2	0.0	61.3	62.1	73.9	12.6	11.8
2	4874.00	39.9	40.1	31.0	31.2	3.7	0.9	44.3	44.5	73.9	29.6	29.4
3	6391.00	50.0	53.4	33.5	31.5	4.3	0.9	57.2	60.6	73.9	16.7	13.3
4	7311.00	39.9	41.1	35.9	32.5	4.7	0.7	48.7	49.9	73.9	25.2	24.0
5	9748.00	41.8	41.3	38.3	32.9	5.9	1.0	54.1	53.6	73.9	19.8	20.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12185.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14622.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	17059.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19496.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	21933.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24370.00	45.2	45.6	38.8	32.2	8.2	0.0	50.5	50.9	73.9	23.4	23.0

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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1965.93	33.6	34.3	25.9	32.3	2.2	0.0	29.4	30.1	53.9	24.5	23.8
2	4874.00	25.9	26.0	31.0	31.2	3.7	0.9	30.3	30.4	53.9	23.6	23.5
3	6391.00	28.7	29.7	33.5	31.5	4.3	0.9	35.9	36.9	53.9	18.0	17.0
4	7311.00	26.1	26.3	35.9	32.5	4.7	0.7	34.9	35.1	53.9	19.0	18.8
5	9748.00	27.0	27.0	38.3	32.9	5.9	1.0	39.3	39.3	53.9	14.6	14.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12185.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14622.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	17059.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19496.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	21933.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24370.00	31.9	31.9	38.8	32.2	8.2	0.0	37.2	37.2	53.9	16.7	16.7

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 second harmonic, the noise from the EUT was not seen. The data above is its base noise.

*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)

11g, Tx, Ch:High, ANT1

UL Japan, Inc.

Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHE01
S/N : 520100600
Power : AC 120V / 60Hz
Mode : 11g, Tx 2462MHz, PN9, Ant1, 6Mbps
Position : H: Y-axis, V: X-axis

Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 03/11/2008
Temperature : 25deg.C.
Humidity : 32%
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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1966.33	66.9	66.6	25.9	32.3	2.2	0.0	62.7	62.4	73.9	11.2	11.5
2	2483.50	62.6	59.9	27.2	32.1	2.6	0.0	60.3	57.6	73.9	13.6	16.3
3	4924.00	38.3	39.5	31.1	31.2	3.7	0.9	42.8	44.0	73.9	31.1	29.9
4	6384.00	49.9	53.5	33.6	31.5	4.3	0.9	57.2	60.8	73.9	16.7	13.1
5	7386.00	39.8	39.8	36.0	32.6	4.7	0.7	48.6	48.6	73.9	25.3	25.3
6	9848.00	40.8	40.3	38.3	32.9	6.0	1.0	53.2	52.7	73.9	20.7	21.2
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12310.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	14772.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	17234.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	19696.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	22158.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	24620.00	47.0	44.5	38.8	32.2	8.2	0.0	52.3	49.8	73.9	21.6	24.1

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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1966.33	37.5	33.0	25.9	32.3	2.2	0.0	33.3	28.8	53.9	20.6	25.1
2	2483.50	43.5	41.2	27.2	32.1	2.6	0.0	41.2	38.9	53.9	12.7	15.0
3	4924.00	25.6	25.6	31.1	31.2	3.7	0.9	30.1	30.1	53.9	23.8	23.8
4	6384.00	28.1	29.7	33.6	31.5	4.3	0.9	35.4	37.0	53.9	18.5	16.9
5	7386.00	26.9	26.8	36.0	32.6	4.7	0.7	35.7	35.6	53.9	18.2	18.3
6	9848.00	27.4	27.3	38.3	32.9	6.0	1.0	39.8	39.7	53.9	14.1	14.2
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12310.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	14772.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	17234.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	19696.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	22158.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	24620.00	31.5	31.5	38.8	32.2	8.2	0.0	36.8	36.8	53.9	17.1	17.1

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 second harmonic, the noise from the EUT was not seen. The data above is its base noise.
*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)

Rx, Ch:Mid, ANT1

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHE01
S/N : 520100600
Power : AC 120V / 60Hz
Mode : 11b / 11g, Rx 2437MHz, Ant1
Position : H: Y-axis, V: X-axis

UL Japan, Inc.
Head Office EMC Lab. No.4 Semi Anechoic Chamber
Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m
Date : 03/11/2008
Temperature : 25deg.C.
Humidity : 32%
Engineer : Takumi Shimada

PK DETECT (RBW: 1MHz VBW: 1MHz)												
No.	FREQ	S/A READING		ANT Factor	AMP GAIN	CABLE LOSS	Hi-Pass Filter	RESULT		Limit PK	MARGIN	
		HOR	VER					HOR	VER		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	1959.97	67.8	62.8	25.9	32.3	2.2	0.0	63.6	58.6	73.9	10.3	15.3
2	2437.00	43.0	41.4	27.1	32.1	2.5	0.0	40.5	38.9	73.9	33.4	35.0
3	2748.50	53.0	54.9	27.7	32.0	2.8	0.0	51.5	53.4	73.9	22.4	20.5
4	4874.00	41.2	40.4	31.0	31.2	3.4	0.0	44.4	43.6	73.9	29.5	30.3
5	6380.83	51.9	53.6	33.5	31.5	3.9	0.0	57.8	59.5	73.9	16.1	14.4
6	7311.00	43.2	42.2	35.9	32.5	4.3	0.0	50.9	49.9	73.9	23.0	24.0

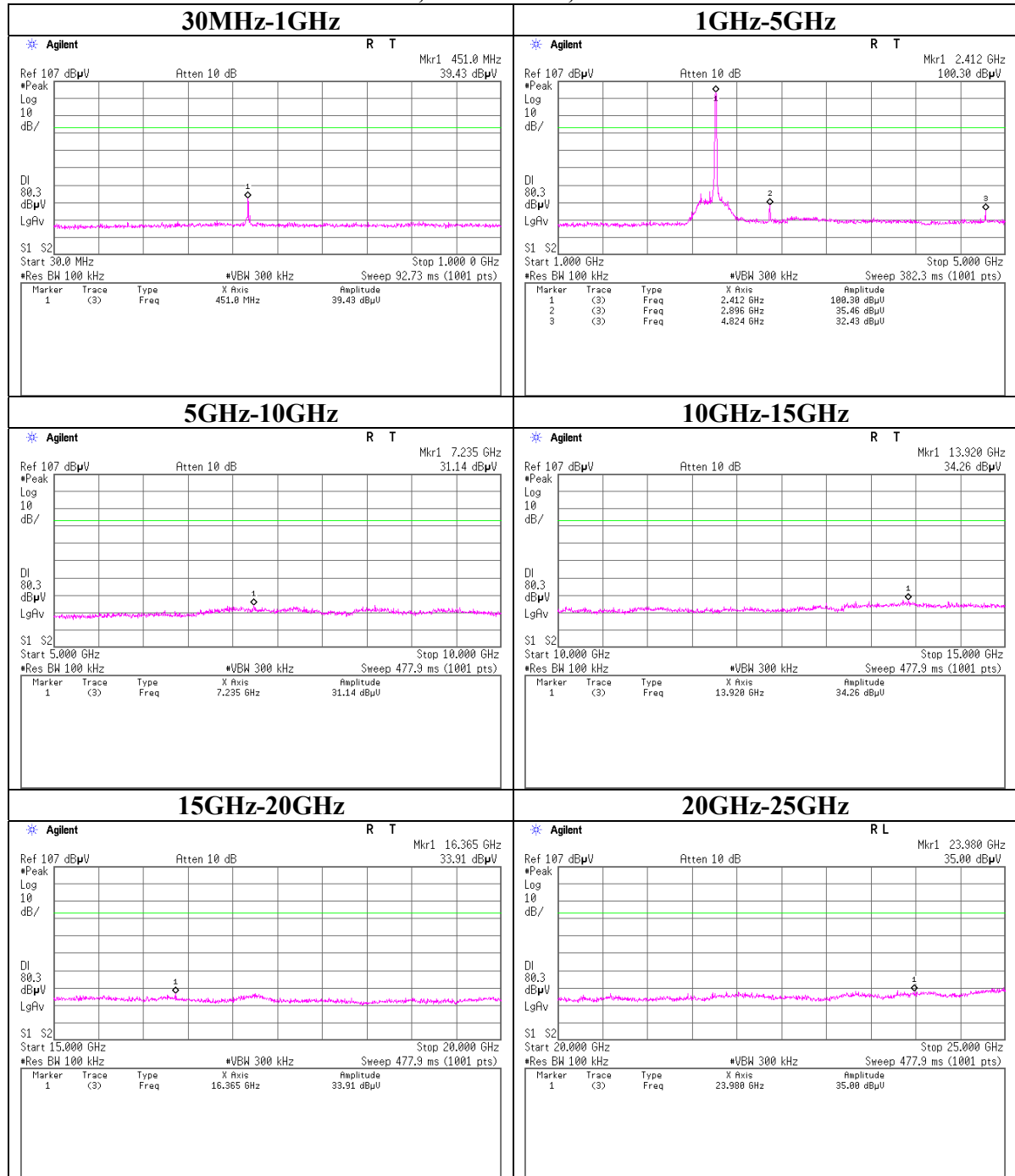
AV DETECT (RBW: 1MHz, VBW: 10Hz)												
No.	FREQ [MHz]	S/A READING [dBuV]		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT [dBuV/m]		Limit AV [dBuV/m]	MARGIN [dB]	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1959.97	33.4	35.5	25.9	32.3	2.2	0.0	29.2	31.3	53.9	24.7	22.6
2	2437.00	28.4	28.5	27.1	32.1	2.5	0.0	25.9	26.0	53.9	28.0	27.9
3	2748.50	31.1	31.7	27.7	32.0	2.8	0.0	29.6	30.2	53.9	24.3	23.7
4	4874.00	27.0	27.0	31.0	31.2	3.4	0.0	30.2	30.2	53.9	23.7	23.7
5	6380.83	29.9	30.2	33.5	31.5	3.9	0.0	35.8	36.1	53.9	18.1	17.8
6	7311.00	28.5	28.6	35.9	32.5	4.3	0.0	36.2	36.3	53.9	17.7	17.6

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

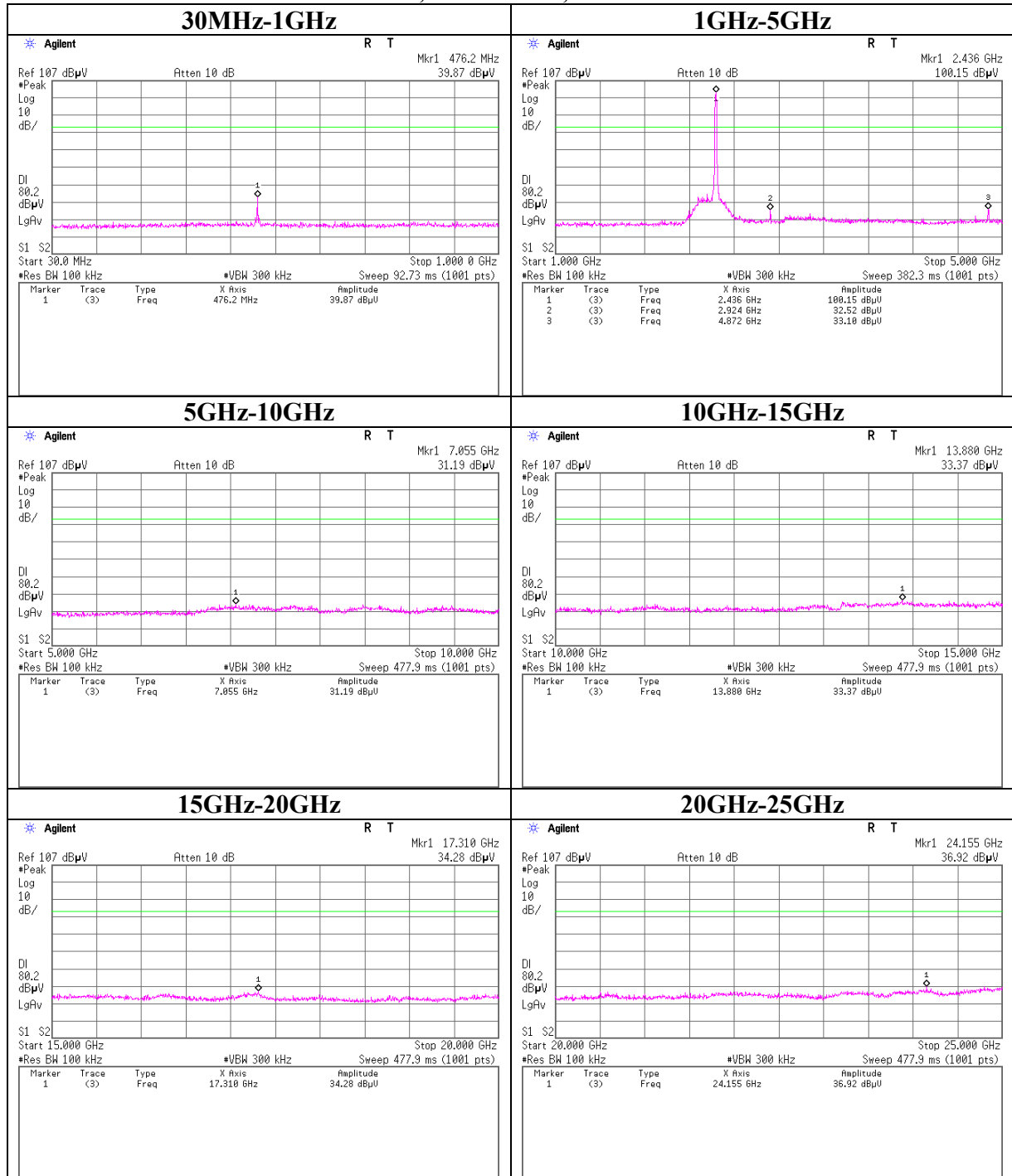
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

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

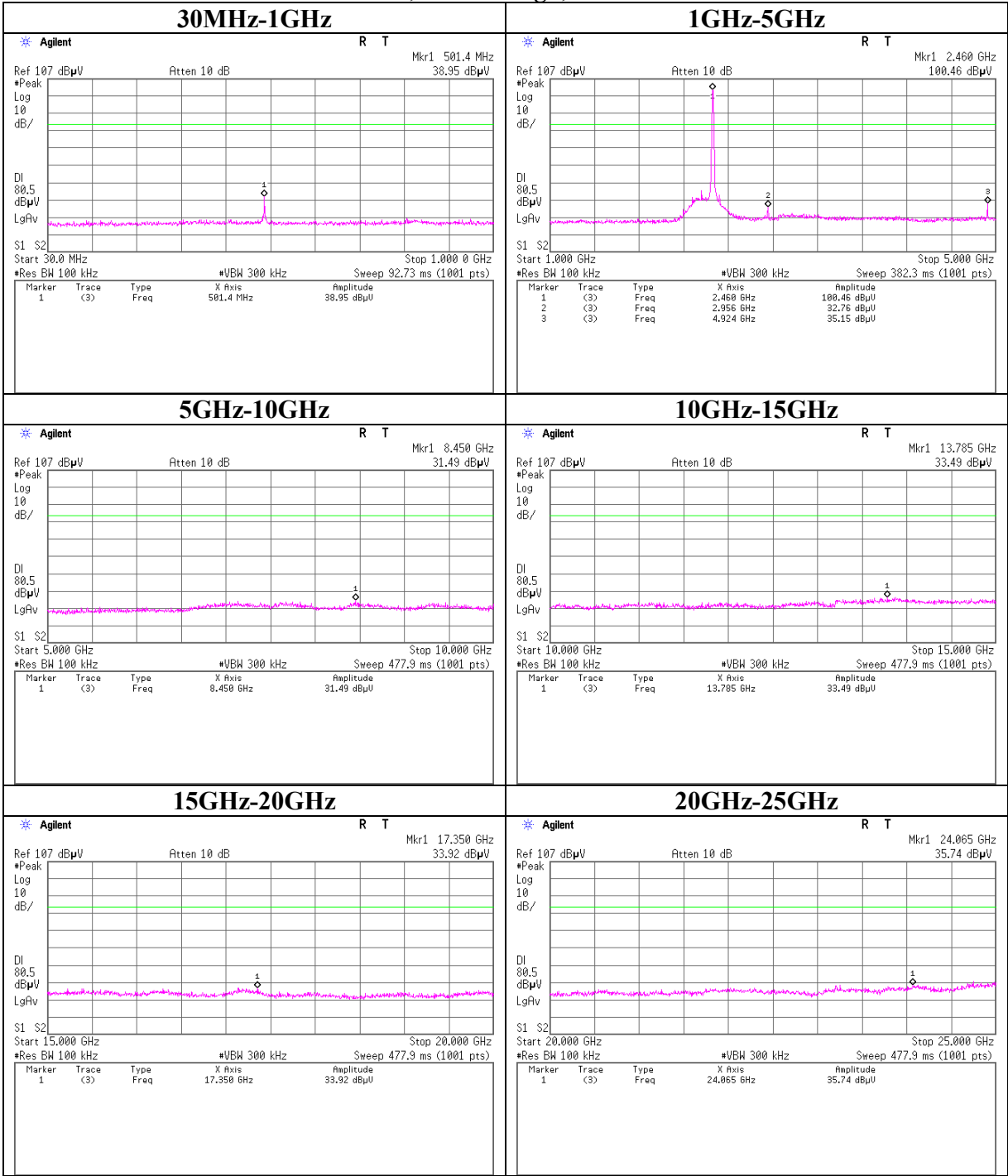
Conducted Spurious Emission
11b, Tx Ch: Low, ANT1



Conducted Spurious Emission
11b, Tx Ch: Mid, ANT1

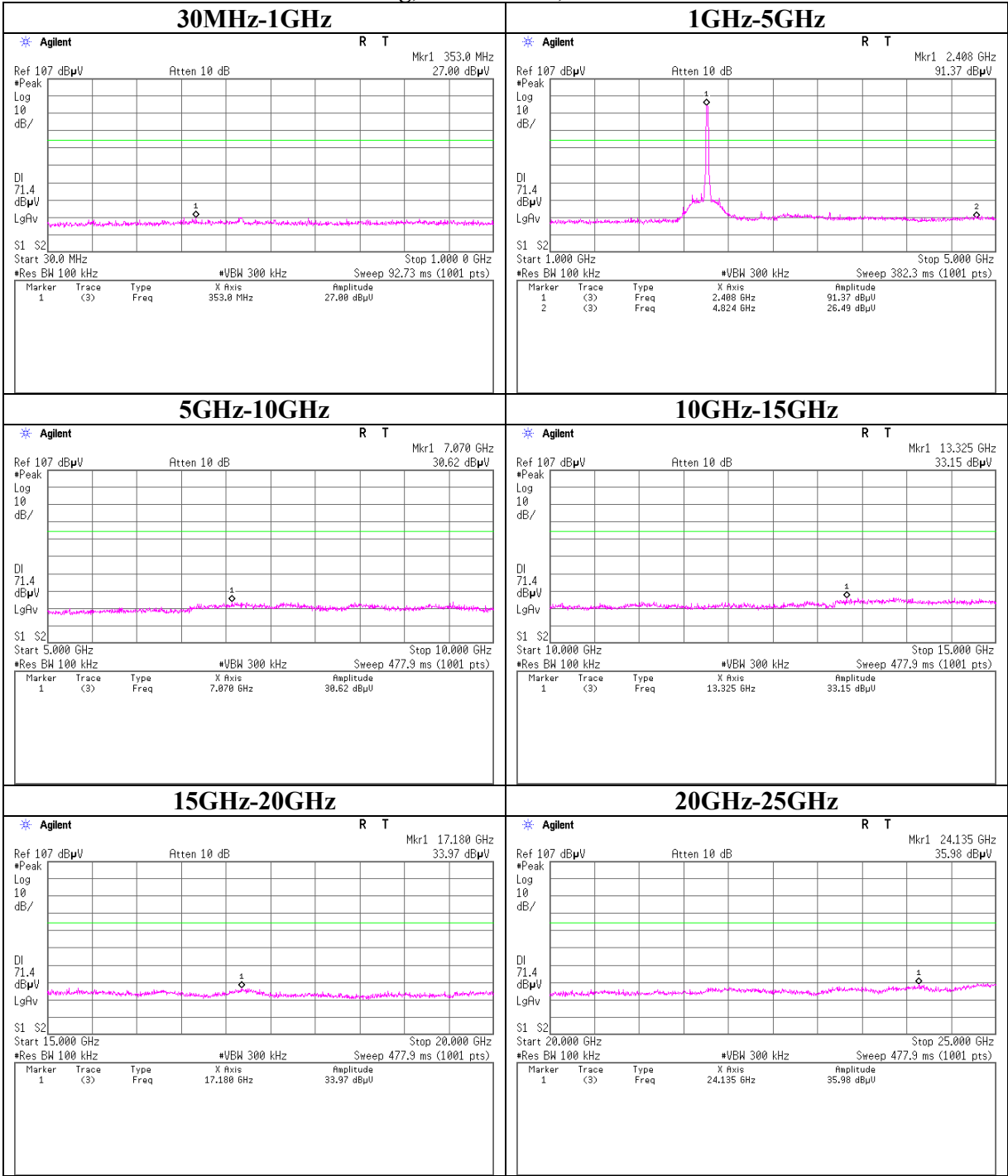


Conducted Spurious Emission
11b, Tx Ch: High, ANT1



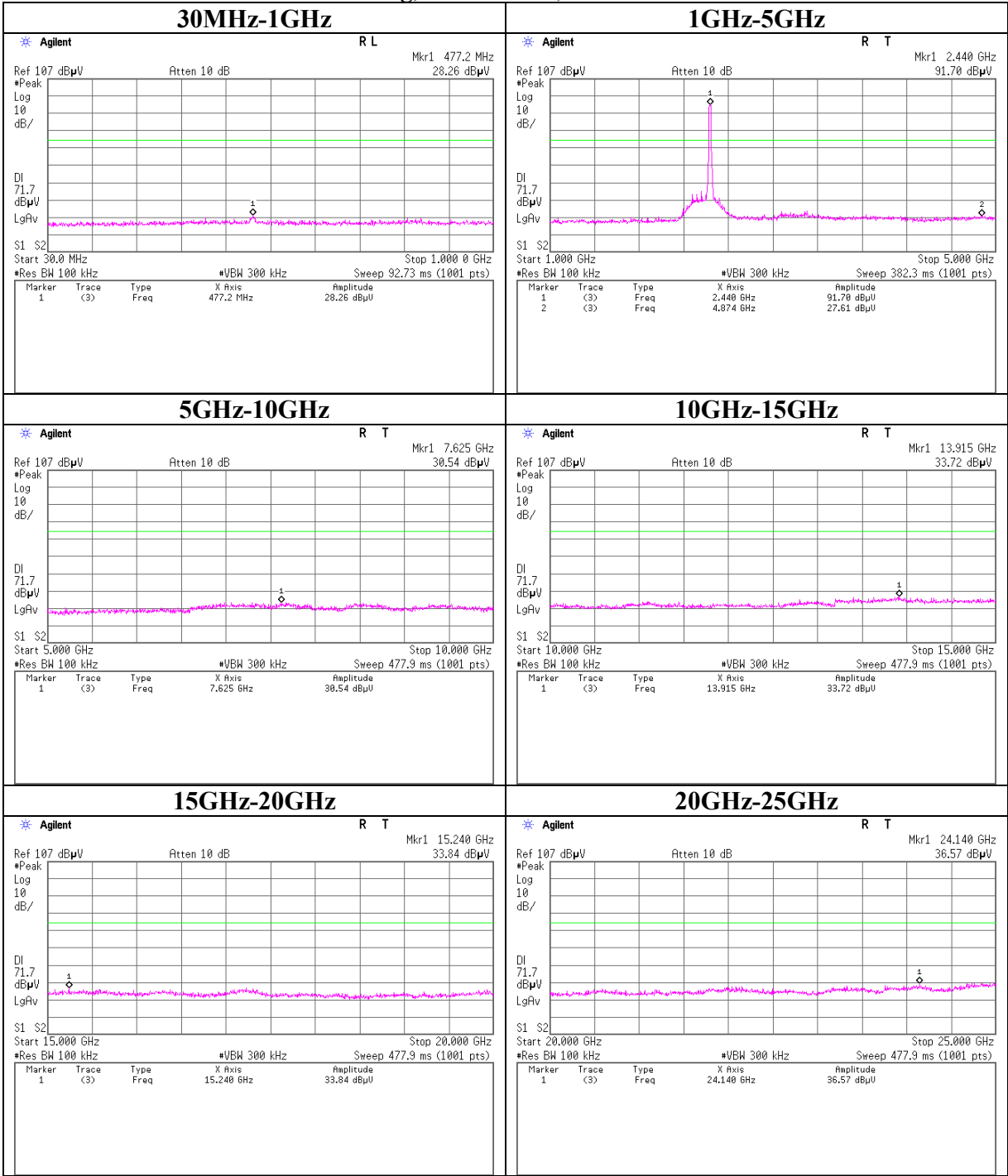
Conducted Spurious Emission

11g, Tx Ch: Low, ANT1

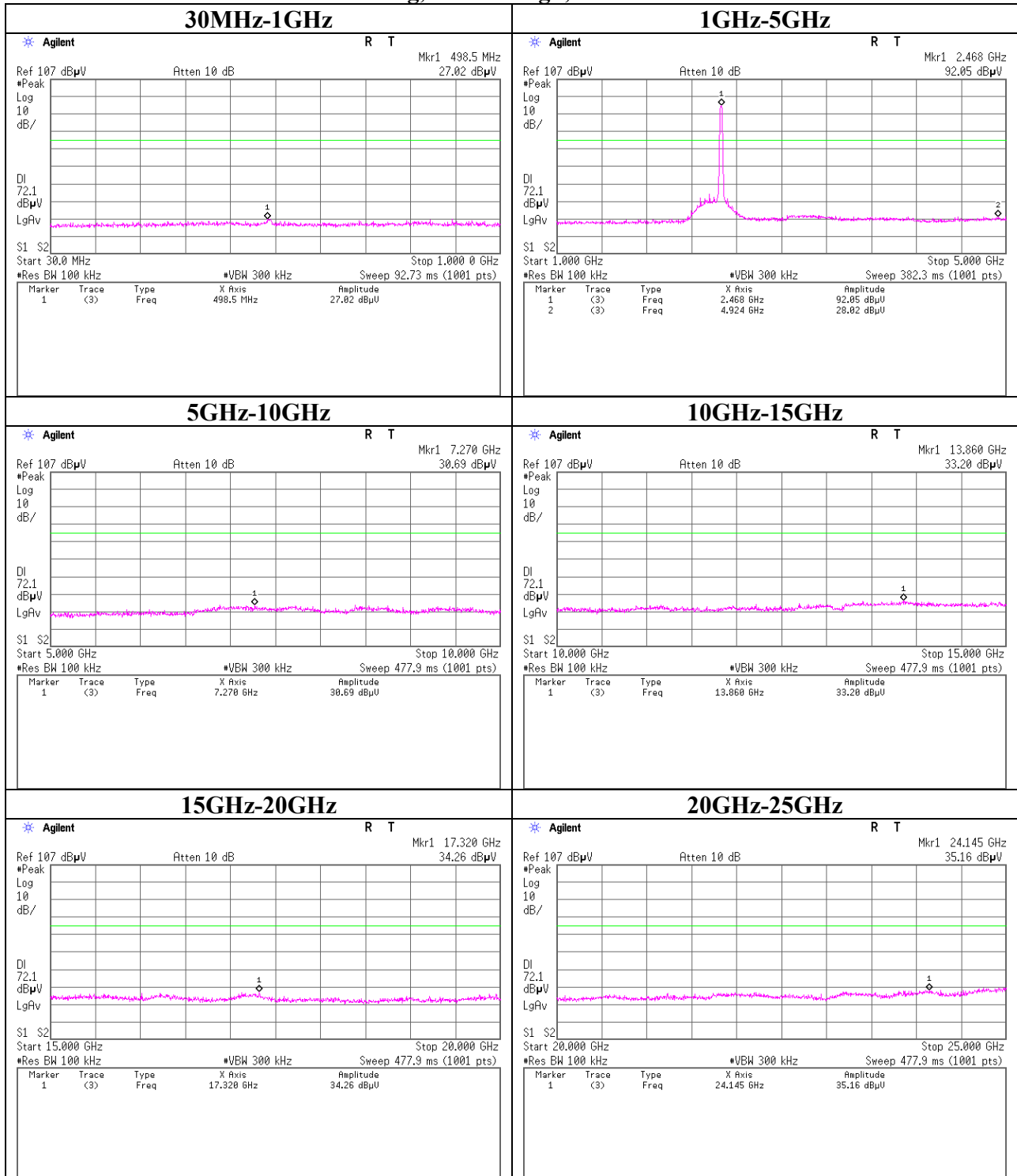


Conducted Spurious Emission

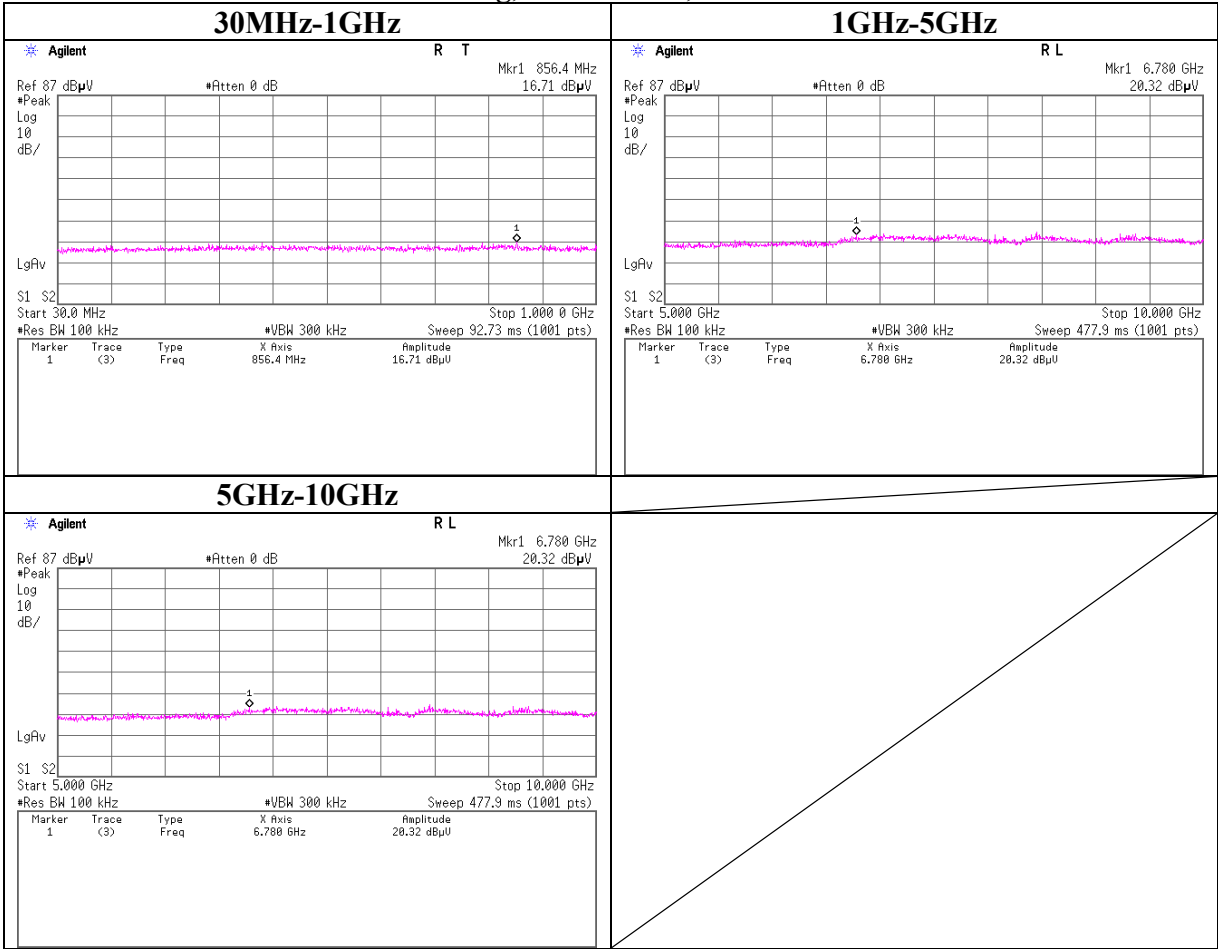
11g, Tx Ch: Mid, ANT1



Conducted Spurious Emission
11g, Tx Ch: High, ANT1

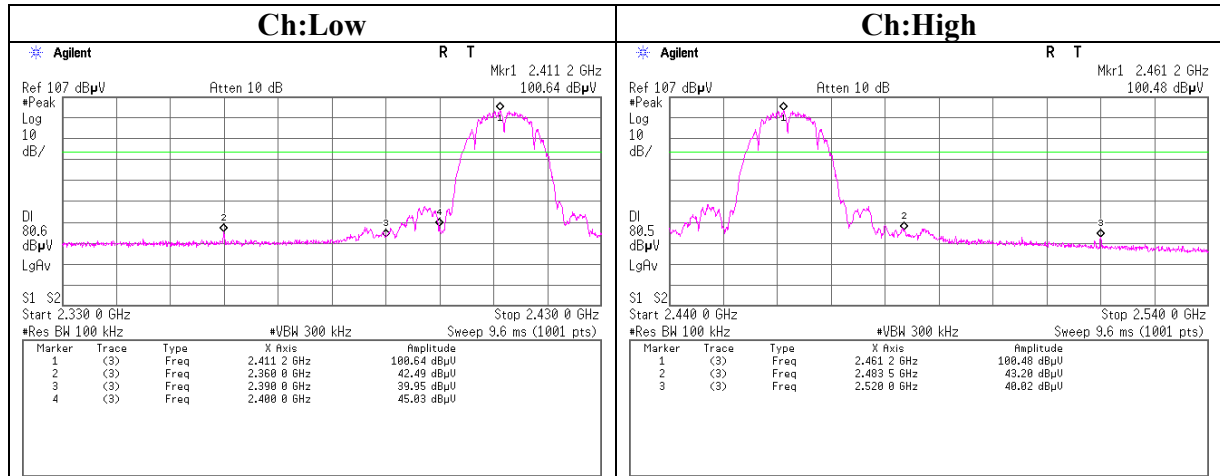


Conducted Spurious Emission
11b/g, Rx Ch: Mid, ANT1

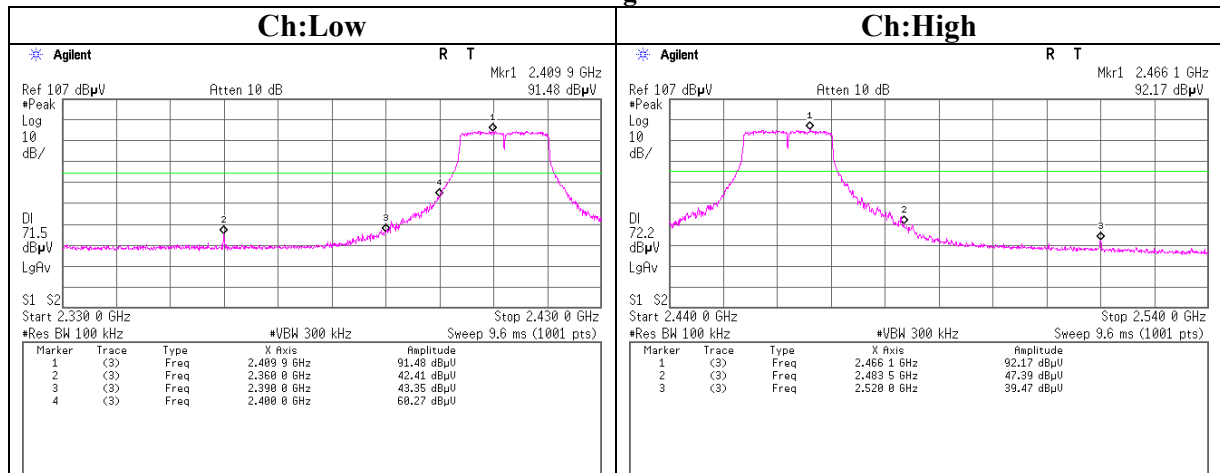


Conducted emission Band Edge compliance

IEEE802.11b



11g



Power Density
ANT1

UL Japan, Inc.
Head Office EMC Lab. No.7 Shielded Room

COMPANY	: Sony Computer Entertainment Inc.	REGULATION	: FCC15.247(e)/RSS-210A8.2(b)
EQUIPMENT	: PLAYSTATION®3	TEST DISTANCE	: -
MODEL	: CECHE01	DATE	: 3/13/2008
SAMPLE NO.	: 520100617	TEMPERATURE	: 26deg.C.
POWER	: AC120V/60Hz	HUMIDITY	: 32%
MODE	: Tx (Ch 1,6,11) , ANT1	ENGINEER	: Takahiro Hatakeda

[IEEE802.11b]

Ch	Freq. [MHz]	Reading [dBm]	Cable [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2411.2	-19.03	1.8	10.0	-7.2	8.0	15.2
Mid	2436.2	-18.64	1.8	10.0	-6.8	8.0	14.8
High	2461.2	-18.20	1.8	10.0	-6.4	8.0	14.4

[IEEE802.11g]

Ch	Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2409.8	-30.10	1.8	10.0	-18.3	8.0	26.3
Mid	2436.0	-29.71	1.8	10.0	-17.9	8.0	25.9
High	2461.0	-29.73	1.8	10.0	-17.9	8.0	25.9

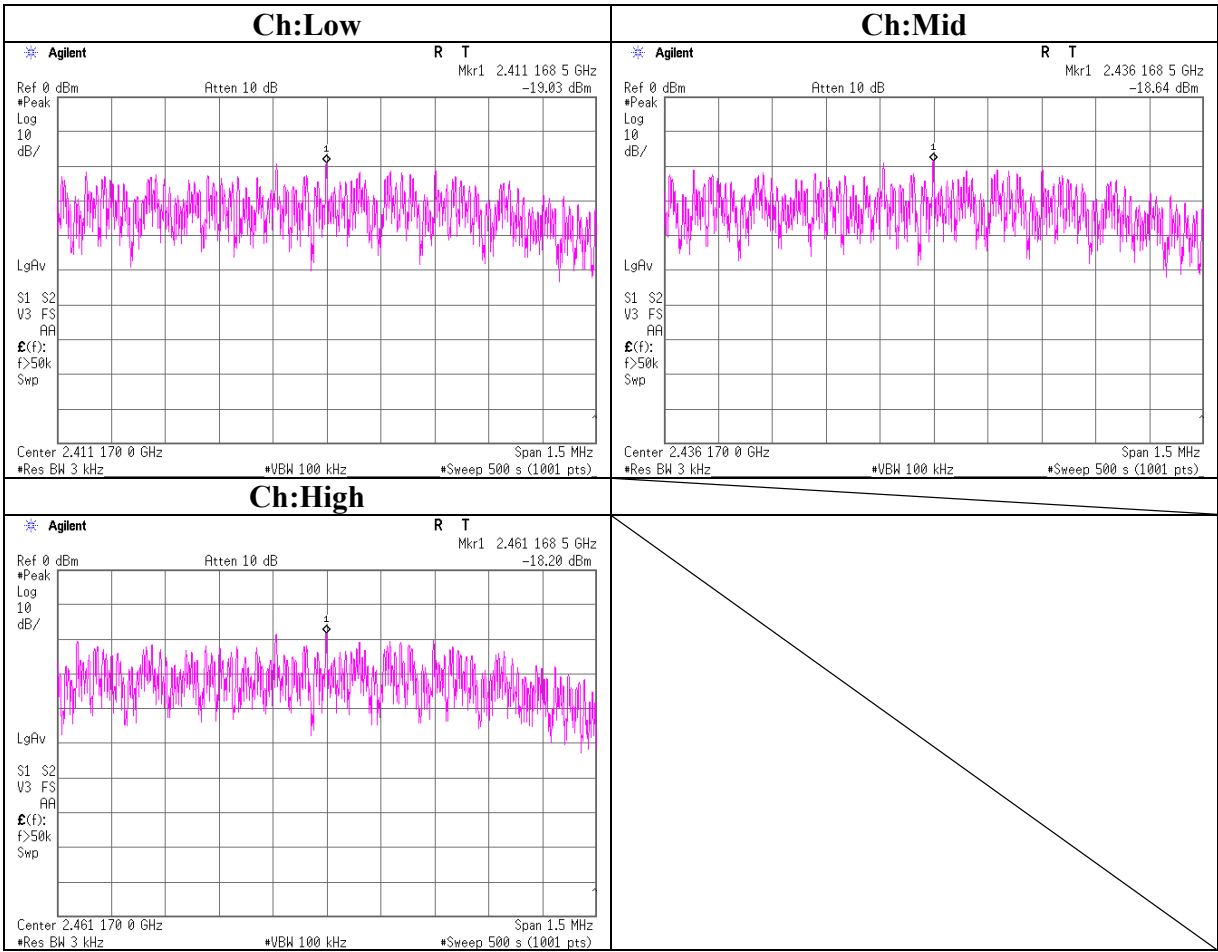
Sample Calculation:

Result = Reading + Cable Loss (contained cable of customer supplied)+ Attenuator

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

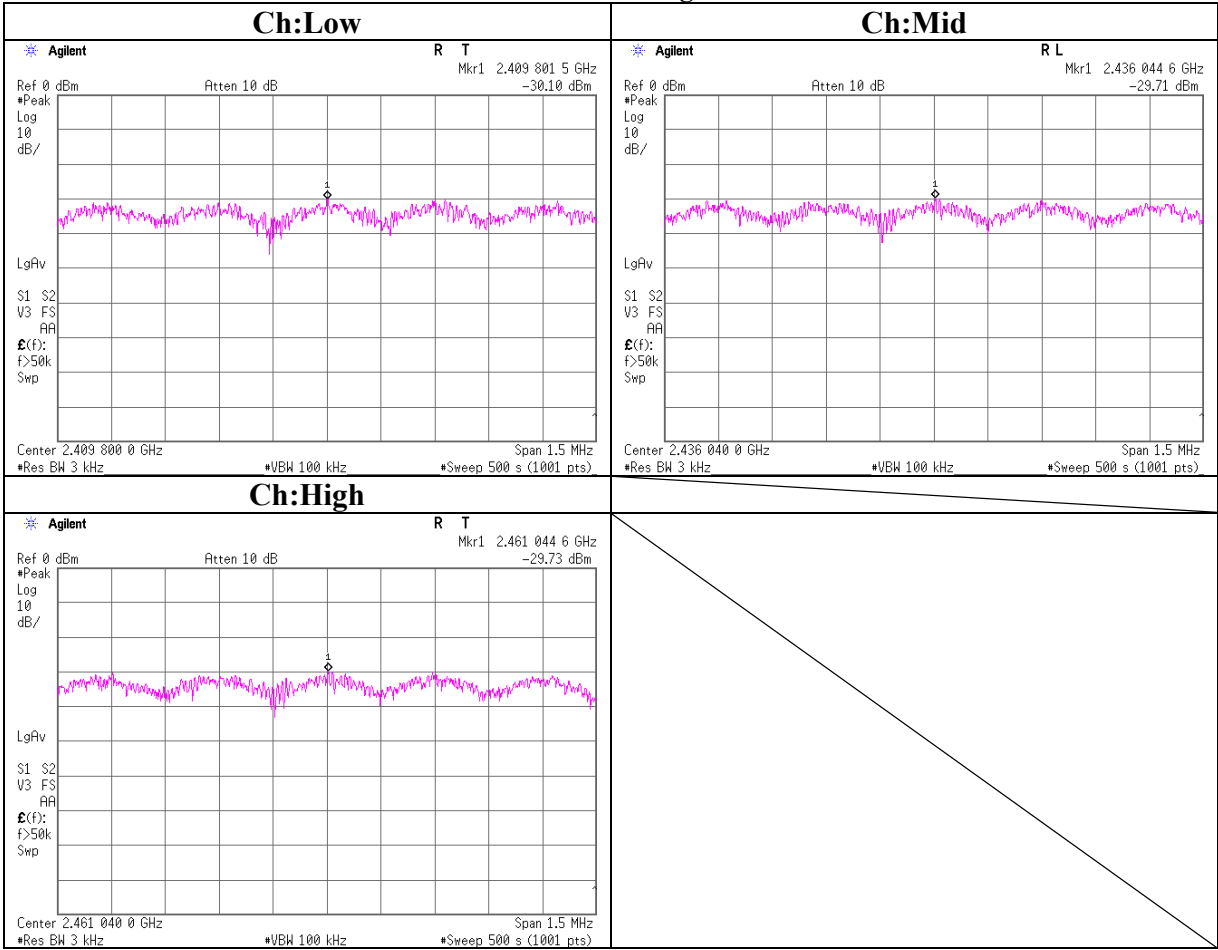
Power Density

IEEE802.11b



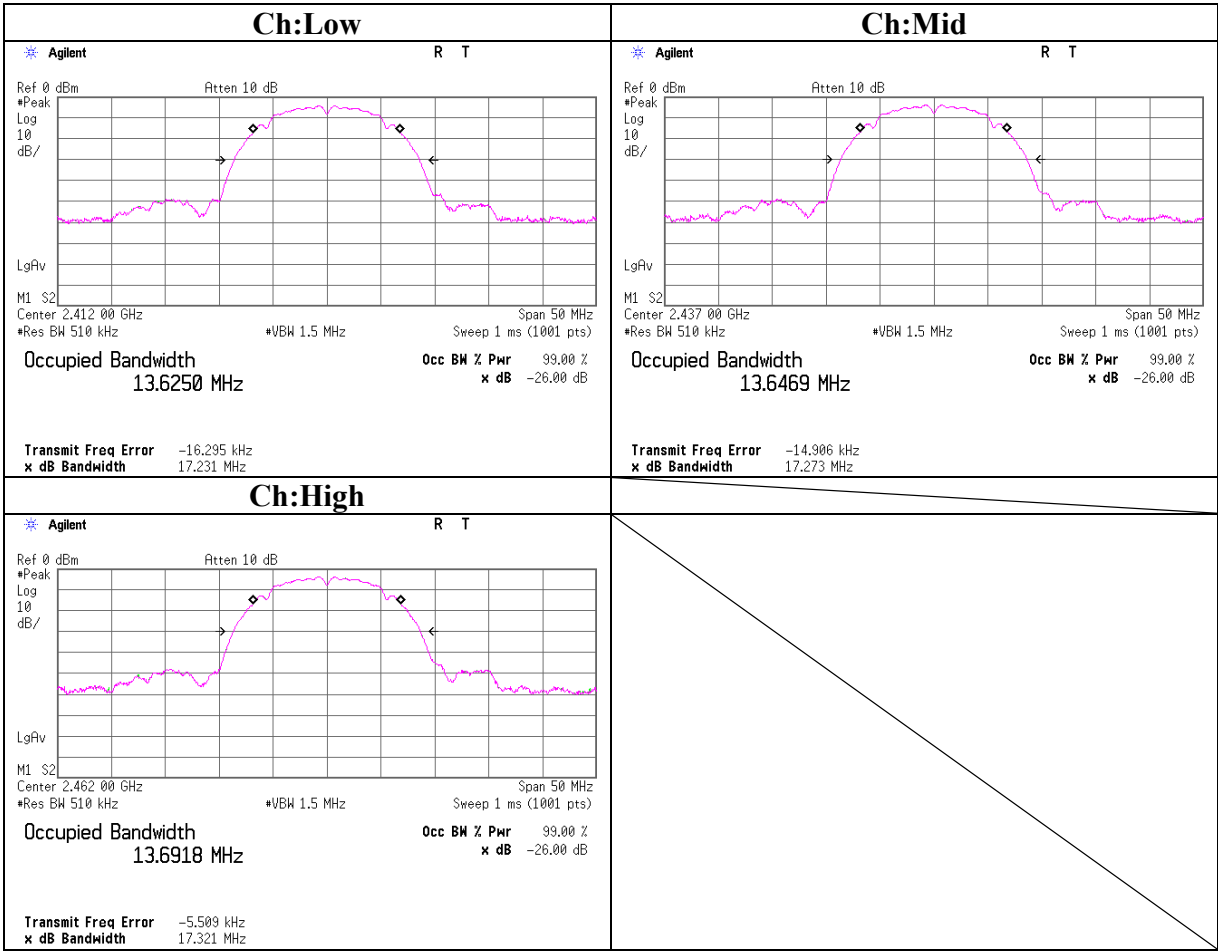
Power Density

IEEE802.11g



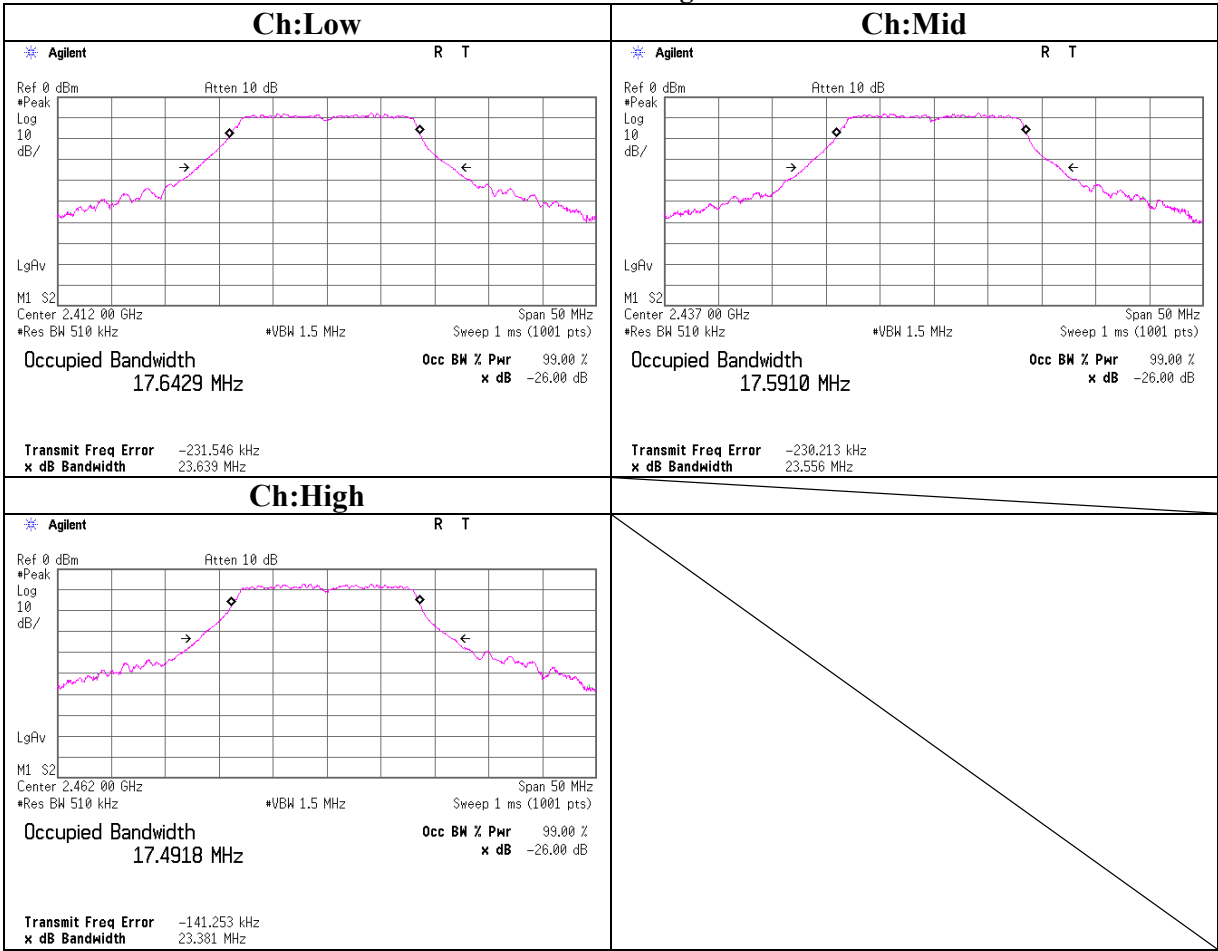
99%Occupied Bandwidth

IEEE802.11b



99%Occupied Bandwidth

IEEE802.11g



APPENDIX 3:Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAEC-04	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE/CE	2007/03/03 * 12
MSA-10	Spectrum Analyzer	Agilent	E4448A	RE	2008/02/27 * 12
MCC-57	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2008/03/05 * 12
MHF-20	High Pass Filter 3.5-18.0GHz	TOKIMEC	TF323DCC	RE	2007/12/10 * 12
MCC-79	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2007/12/26 * 12
MPA-12	MicroWave System Amplifier	Agilent	83017A	RE	2008/03/13 * 12
MHA-21	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	RE	2007/08/16 * 12
MHA-17	Horn Antenna 15-40GHz	Schwarzbeck	BBHA9170	RE	2007/04/06 * 12
MOS-15	Thermo-Hygrometer	Custom	CTH-180	RE/CE	2008/01/10 * 12
MJM-07	Measure	PROMART	SEN1955	RE/CE	-
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE/CE	-
MOS-12	Thermo-Hygrometer	Custom	CTH-180	AT	2008/01/10 * 12
MPM-09	Power Meter	Anritsu	ML2495A	AT	2007/09/22 * 12
MPSE-12	Power sensor	Anritsu	MA2411B	AT	2007/09/22 * 12
MAT-21	Attenuator(20dB)(above 1GHz)	HIROSE ELECTRIC CO.,LTD.	AT-120	AT	2008/01/09 * 12
MBA-05	Biconical Antenna	Schwarzbeck	BBA9106	RE	2008/01/12 * 12
MLA-08	Logperiodic Antenna	Schwarzbeck	UKLP9140-A	RE	2008/01/12 * 12
MAT-31	Attenuator(6dB)	TME	UFA-01	RE	2008/03/10 * 12
MCC-50	Coaxial cable	UL Japan	-	RE/CE	2007/03/06 * 12
MPA-14	Pre Amplifier	SONOMA INSTRUMENT	310	RE	2008/03/06 * 12
MTR-07	Test Receiver	Rohde & Schwarz	ESCI	RE/CE	2007/09/14 * 12
MOS-04	Digital Humidity Indicator	N.T	NT-1800	AT	2007/11/12 * 12
MAT-24	Attenuator(10dB)(above 1GHz)	Agilent	8493C	AT	2007/06/28 * 12
MCC-66	Microwave Cable 1G-40GHz	Schneider	SUCOFLEX102	AT	2007/04/03 * 12
MSA-03	Spectrum Analyzer	Agilent	E4448A	AT	2007/09/05 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	CE(AE)	2008/02/19 * 12
MLS-07	LISN(AMN)	Schwarzbeck	NSLK8127	CE(EUT)	2008/02/20 * 12
MTA-07	Terminator	MCL	BTRM-50	CE	2008/02/04 * 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

UL Japan, Inc.

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