

APPENDIX 2: Data of EMI test

**Conducted Emission
11b, Tx, Ch. Low**

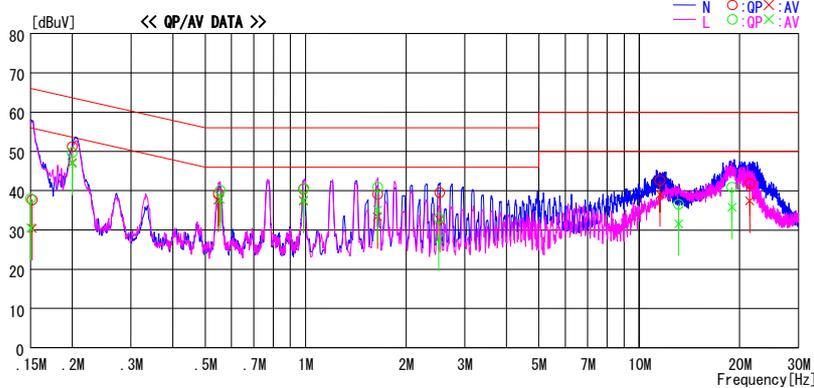
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/16

Company : Sony Computer Entertainment Inc. Report No. : 28BE0065-HO-02
Kind of EUT : PLAYSTATION®3 Power : AC120V/60Hz
Model No. : CECHH01 Temp./Humi. : 23deg. C / 59%
Serial No. : 1020135 Operator : Tomotaka Sasagawa

Mode / Remarks : 11b, Tx, Ant0(Worst), 11Mbps, 2412MHz

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]	
0.15170	37.4	30.1	0.3	37.7	30.4	65.9	55.9	28.2	25.5	N
0.19990	51.0	46.8	0.3	51.3	47.1	63.6	53.6	12.3	6.5	N
0.54768	38.9	37.3	0.3	39.2	37.6	56.0	46.0	16.8	8.4	N
0.98601	40.0	37.0	0.4	40.4	37.4	56.0	46.0	15.6	8.6	N
1.64340	38.7	32.9	0.5	39.2	33.4	56.0	46.0	16.9	12.6	N
2.52157	38.9	31.9	0.6	39.5	32.5	56.0	46.0	16.5	13.5	N
11.54516	41.1	37.5	1.5	42.6	39.0	60.0	50.0	17.4	11.0	N
21.43389	39.7	35.3	2.1	41.8	37.4	60.0	50.0	18.2	12.6	N
0.15000	37.7	30.2	0.3	38.0	30.5	66.0	56.0	28.0	25.5	L
0.19981	49.4	46.7	0.3	49.7	47.0	63.6	53.6	13.9	6.6	L
0.55463	39.8	37.5	0.3	40.1	37.8	56.0	46.0	15.9	8.2	L
0.98639	40.2	37.1	0.4	40.6	37.5	56.0	46.0	15.4	8.5	L
1.64526	40.4	34.6	0.5	40.9	35.1	56.0	46.0	15.1	10.9	L
2.50542	32.5	27.1	0.6	33.1	27.7	56.0	46.0	22.9	18.3	L
13.12266	35.0	30.0	1.6	36.6	31.6	60.0	50.0	23.4	18.4	L
18.96317	38.9	33.8	2.0	40.9	35.8	60.0	50.0	19.1	14.2	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

11b, Tx, Ch. Mid

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2007/09/16

Company	: Sony Computer Entertainment Inc.	Report No.	: 28BE0065-HO-02
Kind of EUT	: PLAYSTATION®3	Power	: AC120V/60Hz
Model No.	: CECHH01	Temp./Humi.	: 23deg. C / 59%
Serial No.	: 1020135	Operator	: Tomotaka Sasagawa

Mode / Remarks : 11b, Tx, Ant0(Worst), 11Mbps, 2437MHz

LIMIT : FCC15.207 QP
FCC15.207 AV

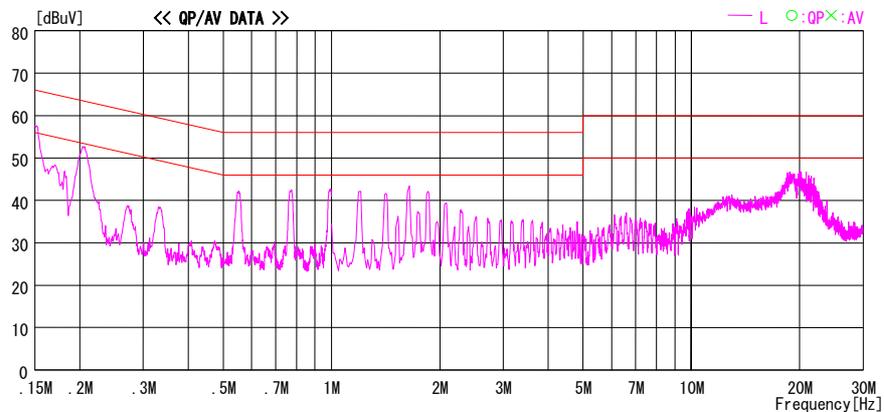
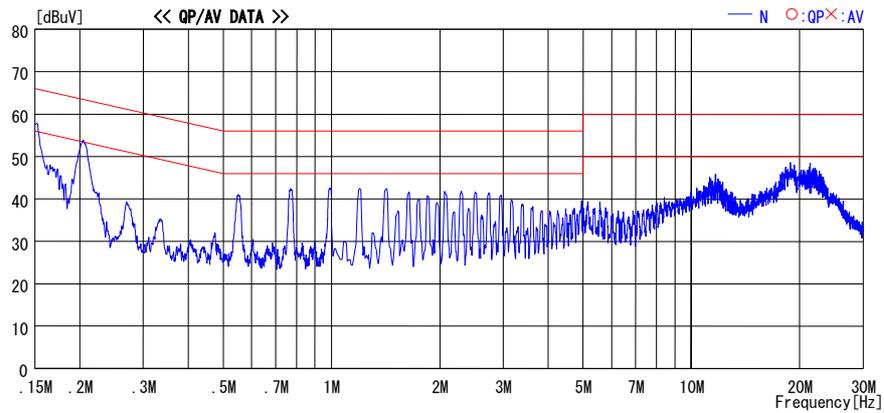


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
11b, Tx, Ch. High

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/16

Company : Sony Computer Entertainment Inc. Report No. : 28BE0065-HO-02
Kind of EUT : PLAYSTATION®3 Power : AC120V/60Hz
Model No. : CECHH01 Temp./Humi. : 23deg. C / 59%
Serial No. : 1020135 Operator : Tomotaka Sasagawa

Mode / Remarks : 11b, Tx, Ant0 (Worst), 11Mbps, 2462MHz

LIMIT : FCC15.207 QP
FCC15.207 AV

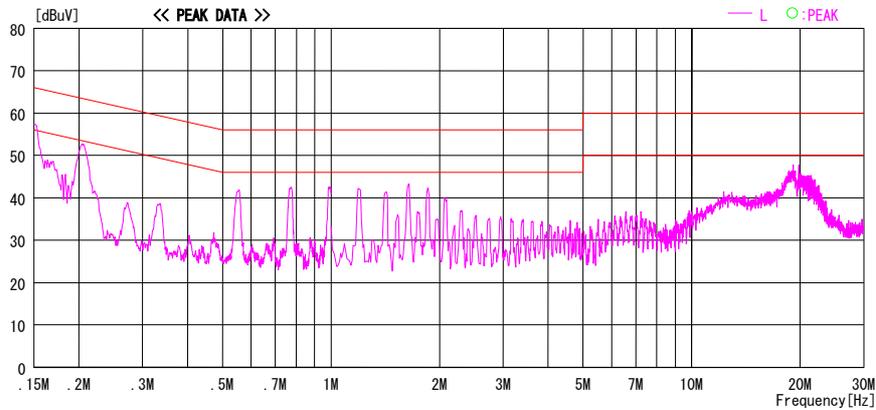
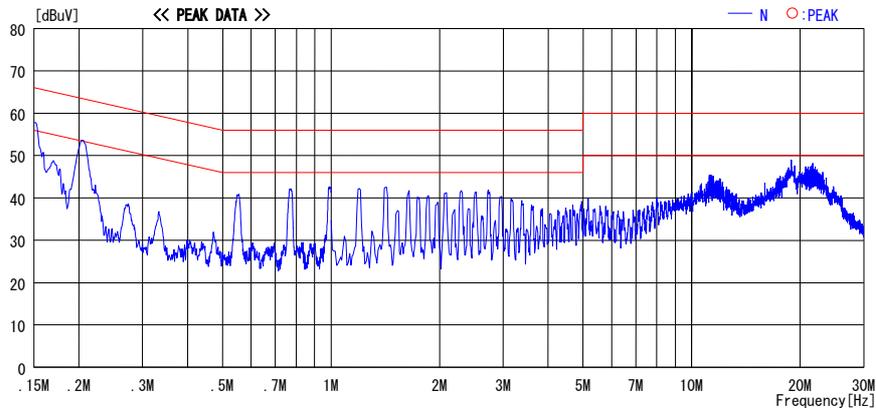


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT [dBuV] = READING [dBuV] + C. F [dB] (LISN LOSS + CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
11g, Tx, Ch. Low

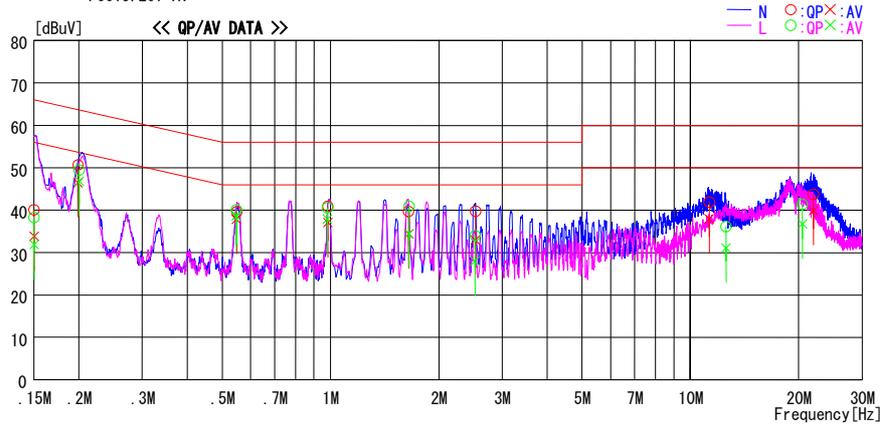
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/16

Company : Sony Computer Entertainment Inc. Report No. : 28BE0065-HO-02
Kind of EUT : PLAYSTATION@3 Power : AC120V/60Hz
Model No. : CECHH01 Temp./Humi. : 23deg.C / 59%
Serial No. : 1020135 Operator : Tomotaka Sasagawa

Mode / Remarks: 11g, Tx, Ant0(Worst), 54Mbps, 2412MHz

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]	
0.15000	39.8	33.5	0.3	40.1	33.8	66.0	56.0	25.9	22.2	N
0.19875	50.4	46.2	0.3	50.7	46.5	63.7	53.7	13.0	7.2	N
0.54860	39.3	37.5	0.3	39.6	37.8	56.0	46.0	16.4	8.2	N
0.98312	40.5	36.7	0.4	40.9	37.1	56.0	46.0	15.1	8.9	N
1.64878	39.2	33.9	0.5	39.7	34.4	56.0	46.0	16.3	11.6	N
2.52532	39.2	32.4	0.6	39.8	33.0	56.0	46.0	16.2	13.0	N
11.27800	40.5	36.5	1.5	42.0	38.0	60.0	50.0	18.0	12.0	N
21.99140	41.6	37.8	2.1	43.7	39.9	60.0	50.0	16.3	10.1	N
0.15000	38.0	31.6	0.3	38.3	31.9	66.0	56.0	27.7	24.1	L
0.20028	49.2	46.5	0.3	49.5	46.8	63.6	53.6	14.1	6.8	L
0.54726	39.8	38.3	0.3	40.1	38.6	56.0	46.0	15.9	7.4	L
0.98048	40.2	37.5	0.4	40.6	37.9	56.0	46.0	15.4	8.1	L
1.65305	40.4	34.0	0.5	40.9	34.5	56.0	46.0	15.1	11.5	L
2.52038	33.5	27.5	0.6	34.1	28.1	56.0	46.0	21.9	17.9	L
12.56697	34.6	29.5	1.6	36.2	31.1	60.0	50.0	23.8	18.9	L
20.48386	39.3	34.6	2.1	41.4	36.7	60.0	50.0	18.6	13.3	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

UL Japan, Inc.
Head Office EMC Lab.
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Telephone : +81 596 24 8116
Facsimile : +81 596 24 8124

Conducted Emission
11g, Tx, Ch. Mid

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2007/09/16

Company	: Sony Computer Entertainment Inc.	Report No.	: 28BE0065-HO-02
Kind of EUT	: PLAYSTATION®3	Power	: AC120V/60Hz
Model No.	: CECHH01	Temp./Humi.	: 23deg. C / 59%
Serial No.	: 1020135	Operator	: Tomotaka Sasagawa

Mode / Remarks : 11g, Tx, Ant0(Worst), 54Mbps, 2437MHz

LIMIT : FCC15.207 QP
 FCC15.207 AV

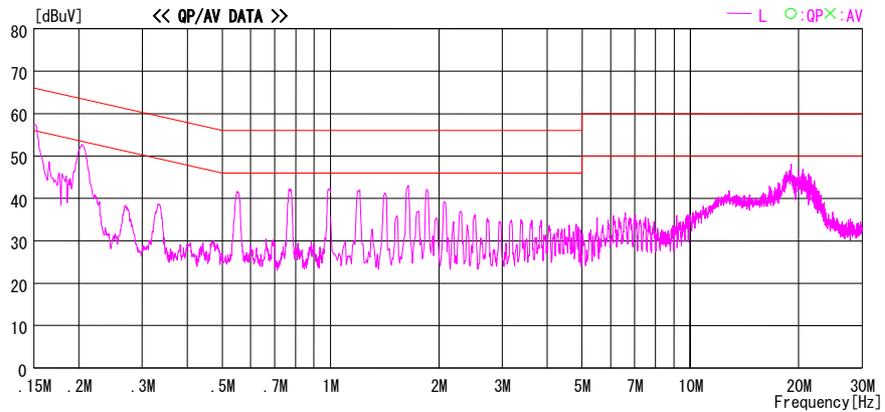
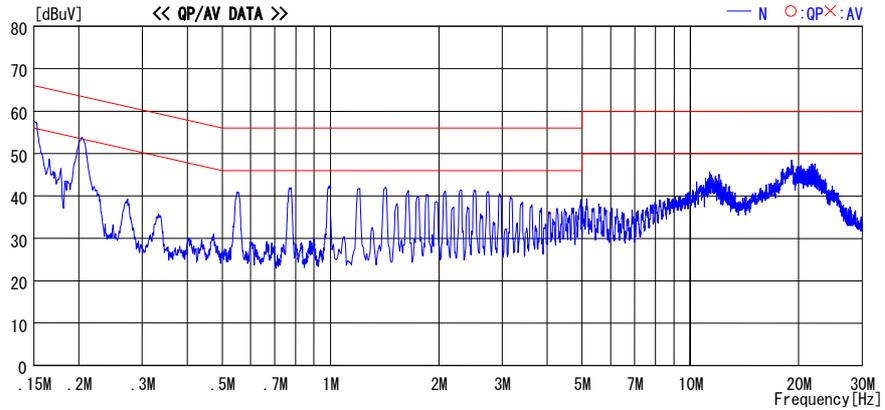


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
11g, Tx, Ch. High

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
Date : 2007/09/16

Company : Sony Computer Entertainment Inc. Report No. : 28BE0065-HO-02
Kind of EUT : PLAYSTATION®3 Power : AC120V/60Hz
Model No. : CECHH01 Temp./Humi. : 23deg. C / 59%
Serial No. : 1020135 Operator : Tomotaka Sasagawa

Mode / Remarks : 11g, Tx, Ant0 (Worst), 54Mbps, 2462MHz

LIMIT : FCC15.207 QP
FCC15.207 AV

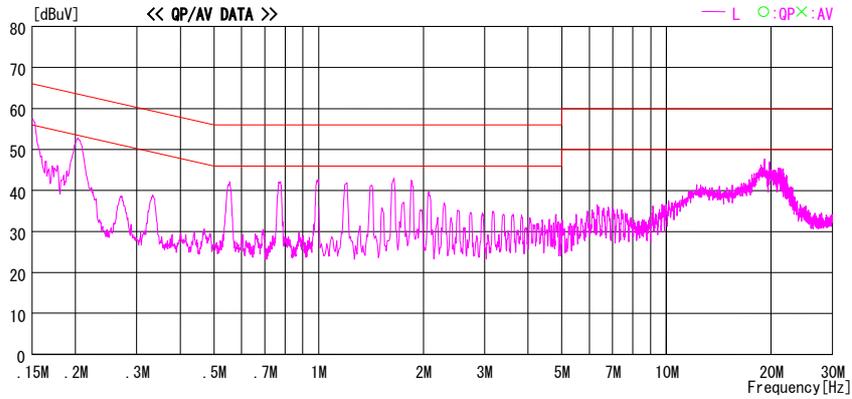
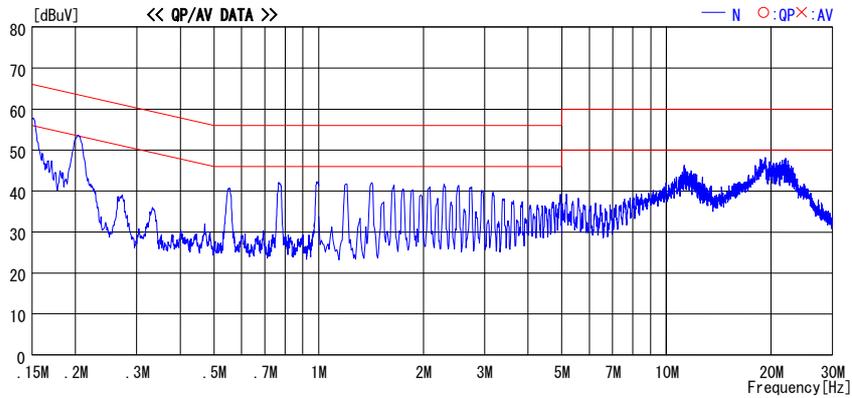


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
Rx, Ch. Mid

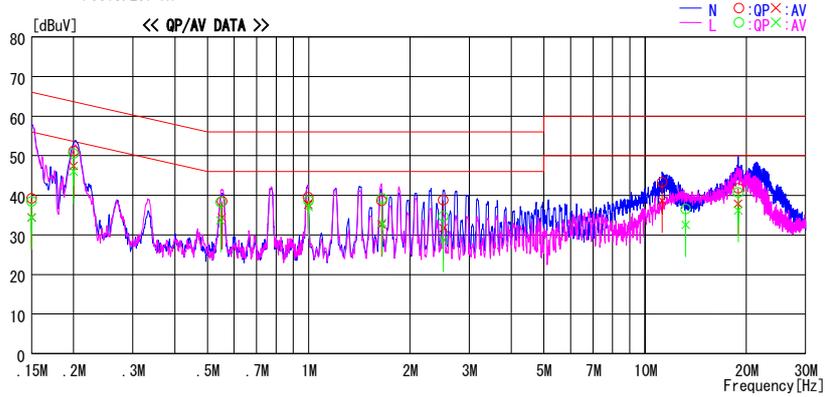
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
Date : 2007/09/16

Company : Sony Computer Entertainment Inc. Report No. : 28BE0065-HO-02
Kind of EUT : PLAYSTATION®3 Power : AC120V/60Hz
Model No. : CECHH01 Temp./Humi. : 23deg C / 59%
Serial No. : 1020135 Operator : Tomotaka Sasagawa

Mode / Remarks : 11b/11g, Rx, Ant0(Worst), 54Mbps, 2437MHz

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]	
0.15000	38.9	34.1	0.3	39.2	34.4	66.0	56.0	26.8	21.6	N
0.15000	38.2	34.1	0.3	38.5	34.4	66.0	56.0	27.5	21.6	L
0.19982	50.2	45.7	0.3	50.5	46.0	63.6	53.6	13.1	7.6	L
0.20010	50.9	47.1	0.3	51.2	47.4	63.6	53.6	12.4	6.2	N
0.54710	38.0	33.4	0.3	38.3	33.7	56.0	46.0	17.7	12.3	L
0.55205	38.2	34.1	0.3	38.5	34.4	56.0	46.0	17.5	11.6	N
0.99661	39.1	37.2	0.4	39.5	37.6	56.0	46.0	16.5	8.4	N
0.99820	38.2	36.7	0.4	38.6	37.1	56.0	46.0	17.4	8.9	L
1.64800	38.1	32.1	0.5	38.6	32.6	56.0	46.0	17.4	13.4	N
1.65421	38.7	32.5	0.5	39.2	33.0	56.0	46.0	16.8	13.0	L
2.51200	34.1	28.1	0.6	34.7	28.7	56.0	46.0	21.3	17.3	L
2.51233	38.2	31.1	0.6	38.8	31.7	56.0	46.0	17.2	14.3	N
11.24003	41.8	37.1	1.5	43.3	38.6	60.0	50.0	16.7	11.4	N
13.21110	34.9	30.9	1.6	36.5	32.5	60.0	50.0	23.5	17.5	L
18.90020	39.8	35.9	2.0	41.8	37.9	60.0	50.0	18.2	12.1	N
18.92020	38.7	34.2	2.0	40.7	36.2	60.0	50.0	19.3	13.8	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

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

COMPANY	: Sony Computer Entertainment Inc.	REPORT NO	: 28BE0065-HO-2
EQUIPMENT	: PLAYSTATION®3	REGULATION	: FCC15.247(a)(2)/RSS-210A8.2(a)
MODEL	: CECHH01	TEST DISTANCE	: -
SAMPLE NO.	: 1020135	DATE	: 9/20/2007
POWER	: AC120V/60Hz	TEMPERATURE	: 25deg.C.
MODE	: Tx (Ch 1,6,11) , ANTI	HUMIDITY	: 61%
		ENGINEER	: Takumi Shimada

[IEEE802.11b]

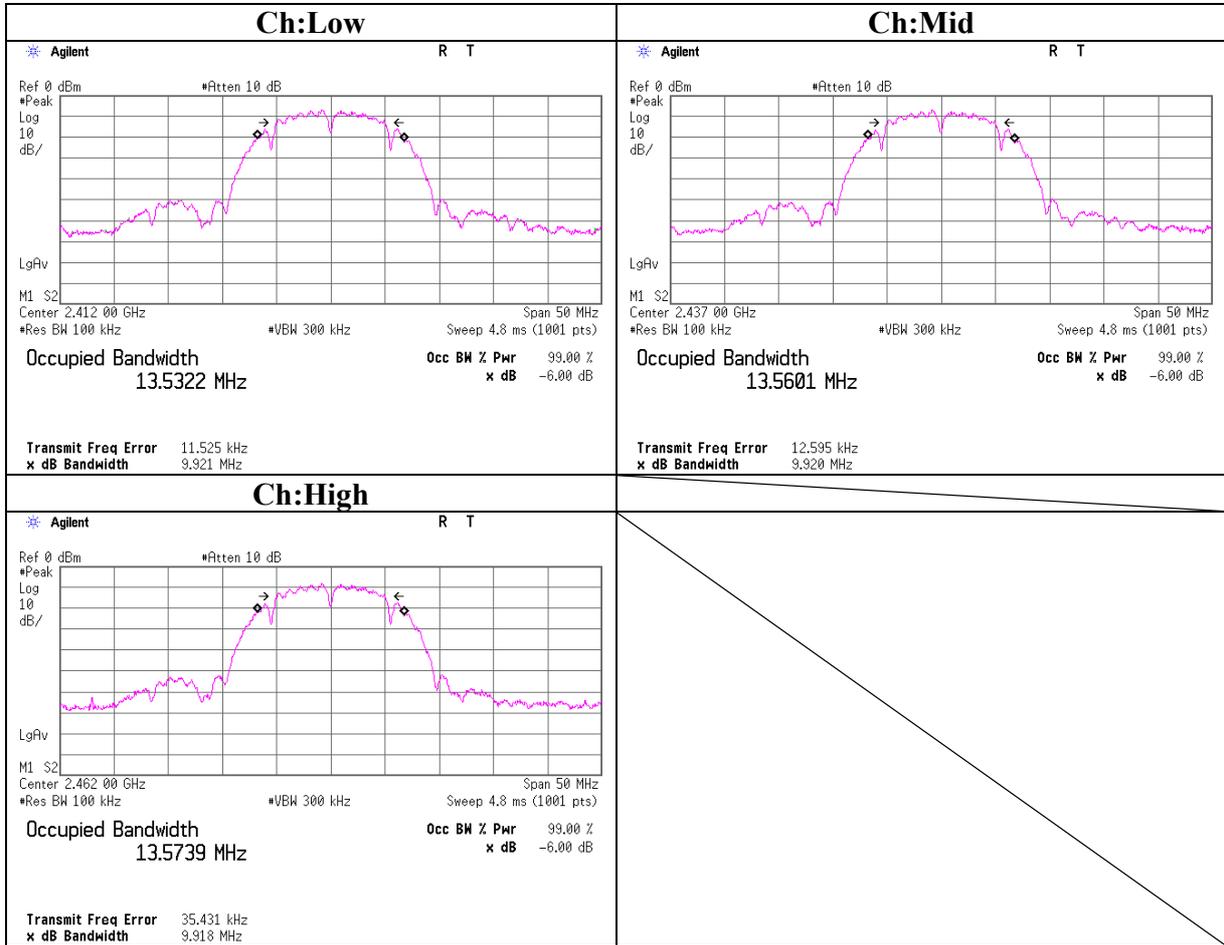
Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2412.0	9.921	>500
Mid	2437.0	9.920	>500
High	2462.0	9.918	>500

[IEEE802.11g]

Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2412.0	16.489	>500
Mid	2437.0	16.489	>500
High	2462.0	16.511	>500

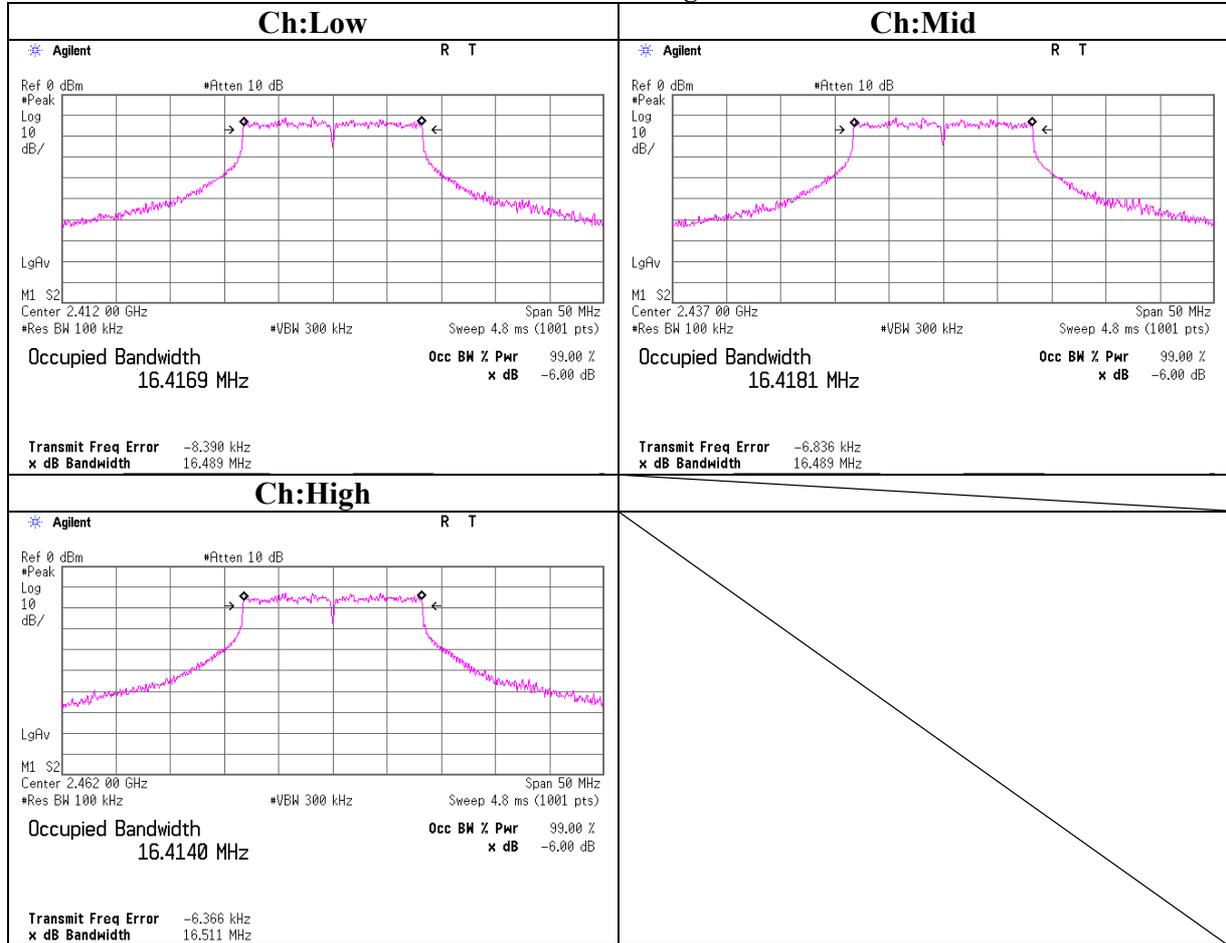
6dB Bandwidth

IEEE802.11b



6dB Bandwidth

IEEE802.11g



Maximum Peak Output Power
11b ANT0

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

COMPANY	: Sony Computer Entertainment Inc.	REPORT NO	: 28BE0065-HO-2
EQUIPMENT	: PLAYSTATION®3	REGULATION	: FCC15.247(b)(3)/RSS-210A8.4(4)
MODEL	: CECHH01	TEST DISTANCE	: -
SAMPLE NO.	: 1020135	DATE	: 9/20/2007
POWER	: AC120V/60Hz	TEMPERATURE	: 25deg.C.
MODE	: Tx (Ch 1,6,11) , ANT0	HUMIDITY	: 61%
		ENGINEER	: Takumi Shimada

[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]	
Mid	2437.0	1.0	6.89	0.60	10.04	17.53	56.62	30.00	1000	12.47
Mid	2437.0	2.0	7.02	0.60	10.04	17.66	58.34	30.00	1000	12.34
Mid	2437.0	5.5	5.56	0.60	10.04	16.20	41.69	30.00	1000	13.80
Mid	2437.0	11.0	6.50	0.60	10.04	17.14	51.76	30.00	1000	12.86

[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	7.4	7.38	0.60	10.04	18.02	63.39	30.00	1000	11.98
Mid	2437.0	7.0	7.02	0.60	10.04	17.66	58.34	30.00	1000	12.34
High	2462.0	6.9	6.85	0.60	10.04	17.49	56.10	30.00	1000	12.51

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.

Maximum Peak Output Power
11g ANT0

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

COMPANY	: Sony Computer Entertainment Inc.	REPORT NO	: 28BE0065-HO-2
EQUIPMENT	: PLAYSTATION®3	REGULATION	: FCC15.247(b)(3)/RSS-210A8.4(4)
MODEL	: CECHH01	TEST DISTANCE	: -
SAMPLE NO.	: 1020135	DATE	: 9/20/2007
POWER	: AC120V/60Hz	TEMPERATURE	: 25deg.C.
MODE	: Tx (Ch 1,6,11) , ANT0	HUMIDITY	: 61%
		ENGINEER	: Takumi Shimada

[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]	
Mid	2437.0	6.0	10.00	0.60	10.04	20.64	115.88	30.00	1000	9.36
Mid	2437.0	9.0	10.07	0.60	10.04	20.71	117.76	29.98	995	9.27
Mid	2437.0	12.0	10.36	0.60	10.04	21.00	125.89	29.98	996	8.98
Mid	2437.0	18.0	9.65	0.60	10.04	20.29	106.91	29.99	997	9.70
Mid	2437.0	24.0	10.14	0.60	10.04	20.78	119.67	29.99	998	9.21
Mid	2437.0	36.0	10.34	0.60	10.04	20.98	125.31	30.00	999	9.02
Mid	2437.0	48.0	9.97	0.60	10.04	20.61	115.08	30.00	1000	9.39
Mid	2437.0	54.0	10.24	0.60	10.04	20.88	122.46	30.00	1000	9.12

[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	12.0	10.30	0.60	10.04	20.94	124.17	30.00	1000	9.06
Mid	2437.0	12.0	10.36	0.60	10.04	21.00	125.89	30.00	1000	9.00
High	2462.0	12.0	9.18	0.60	10.04	19.82	95.94	30.00	1000	10.18

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.

Maximum Peak Output Power
11b ANT1

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

COMPANY	: Sony Computer Entertainment Inc.	REPORT NO	: 28BE0065-HO-2
EQUIPMENT	: PLAYSTATION®3	REGULATION	: FCC15.247(b)(3)/RSS-210A8.4(4)
MODEL	: CECHH01	TEST DISTANCE	: -
SAMPLE NO.	: 1020135	DATE	: 9/20/2007
POWER	: AC120V/60Hz	TEMPERATURE	: 25deg.C.
MODE	: Tx (Ch 1,6,11) , ANT1	HUMIDITY	: 61%
		ENGINEER	: Takumi Shimada

[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]	
Mid	2437.0	1.0	7.02	0.60	10.04	17.66	58.34	30.00	1000	12.34
Mid	2437.0	2.0	7.62	0.60	10.04	18.26	66.99	30.00	999	11.74
Mid	2437.0	5.5	6.63	0.60	10.04	17.27	53.33	30.00	1000	12.73
Mid	2437.0	11.0	7.24	0.60	10.04	17.88	61.38	30.00	1000	12.12

[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	2.0	7.50	0.60	10.04	18.14	65.16	30.00	1000	11.86
Mid	2437.0	2.0	7.62	0.60	10.04	18.26	66.99	30.00	1000	11.74
High	2462.0	2.0	6.24	0.60	10.04	16.88	48.75	30.00	1000	13.12

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.

UL Japan, Inc.

Head Office EMC Lab.

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

Telephone : +81 596 24 8116

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Maximum Peak Output Power
11g ANT1

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

COMPANY	: Sony Computer Entertainment Inc.	REPORT NO	: 28BE0065-HO-2
EQUIPMENT	: PLAYSTATION®3	REGULATION	: FCC15.247(b)(3)/RSS-210A8.4(4)
MODEL	: CECHH01	TEST DISTANCE	: -
SAMPLE NO.	: 1020135	DATE	: 9/20/2007
POWER	: AC120V/60Hz	TEMPERATURE	: 25deg.C.
MODE	: Tx (Ch 1,6,11) , ANT1	HUMIDITY	: 61%
		ENGINEER	: Takumi Shimada

[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]	
Mid	2437.0	6.0	10.47	0.60	10.04	21.11	129.12	30.00	1000	8.89
Mid	2437.0	9.0	10.81	0.60	10.04	21.45	139.64	29.98	995	8.53
Mid	2437.0	12.0	10.84	0.60	10.04	21.48	140.60	29.98	996	8.50
Mid	2437.0	18.0	10.52	0.60	10.04	21.16	130.62	29.99	997	8.83
Mid	2437.0	24.0	10.05	0.60	10.04	20.69	117.22	29.99	998	9.30
Mid	2437.0	36.0	10.77	0.60	10.04	21.41	138.36	30.00	999	8.59
Mid	2437.0	48.0	10.81	0.60	10.04	21.45	139.64	30.00	1000	8.55
Mid	2437.0	54.0	10.80	0.60	10.04	21.44	139.32	30.00	1000	8.56

[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	12.0	10.93	0.60	10.04	21.57	143.55	30.00	1000	8.43
Mid	2437.0	12.0	10.84	0.60	10.04	21.48	140.60	30.00	1000	8.52
High	2462.0	12.0	10.15	0.60	10.04	20.79	119.95	30.00	1000	9.21

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.

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

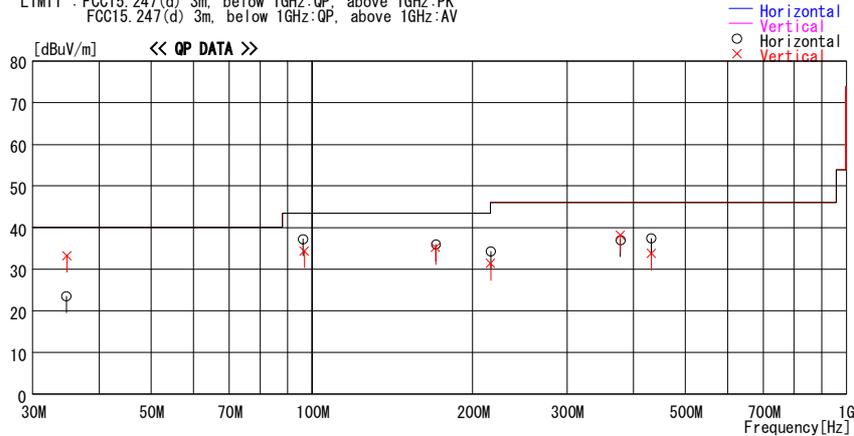
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/10

Company : Sony Computer Entertainment Inc. Report No. : 28BE0065-HO-02
Kind of EUT : PLAYSTATION®3 Power : AC 120V / 60Hz
Model No. : CECHH01 Temp./ Humi. : 24deg. C. / 64 %
Serial No. : 1020135 Operator : Takumi Shimada

Mode / Remarks : 11b, Tx 2412MHz, 11Mbps(Worst), PN9, Ant0(Worst), EUT-worst-axis: H:Y, V:X,

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit	
			Factor [dB/m]	Loss & Gain [dB]					[dBuV/m]	[dB]
34.680	28.9	QP	16.6	-22.0	23.5	179	300	Hori.	40.0	16.5
34.742	38.7	QP	16.6	-22.0	33.3	73	100	Vert.	40.0	6.7
96.144	49.4	QP	9.1	-21.2	37.3	247	300	Hori.	43.5	6.2
96.714	46.3	QP	9.3	-21.2	34.4	140	100	Vert.	43.5	9.1
170.436	40.5	QP	15.9	-20.4	36.0	148	300	Hori.	43.5	7.5
170.436	39.7	QP	15.9	-20.4	35.2	183	100	Vert.	43.5	8.3
215.993	36.9	QP	17.2	-19.8	34.3	177	300	Hori.	43.5	9.2
215.993	34.0	QP	17.2	-19.8	31.4	0	100	Vert.	43.5	12.1
377.746	39.0	QP	17.2	-19.2	37.0	304	100	Hori.	46.0	9.0
377.816	40.2	QP	17.2	-19.2	38.2	1	100	Vert.	46.0	7.8
431.992	38.7	QP	18.1	-19.4	37.4	206	100	Hori.	46.0	8.6
431.995	35.1	QP	18.1	-19.4	33.8	121	100	Vert.	46.0	12.2

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

*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:Mid

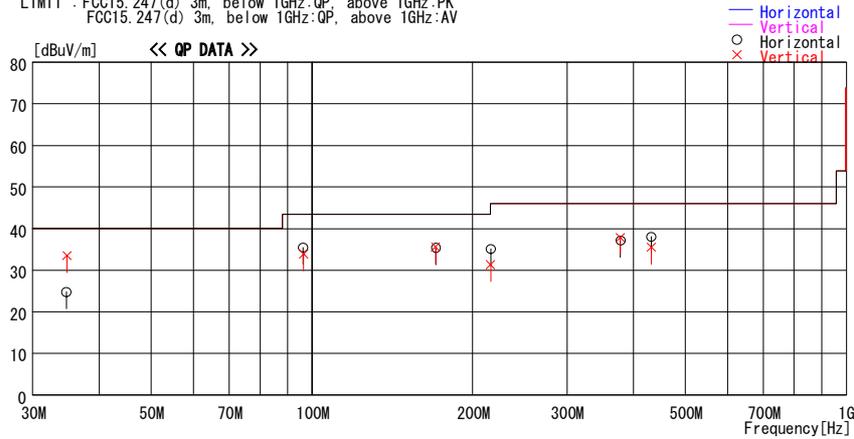
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/10

Company : Sony Computer Entertainment Inc. Report No. : 28BE0065-HO-02
Kind of EUT : PLAYSTATION@3 Power : AC 120V / 60Hz
Model No. : CECHH01 Temp./ Humi. : 24deg.C. / 64 %
Serial No. : 1020135 Operator : Takumi Shimada

Mode / Remarks : 11b, Tx 2437MHz, 11Mbps(Worst), PN9, Ant0(Worst), EUT-worst-axis: H:Y, V:X,

LIMIT : FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg.]	Height [cm]	Polar.	Limit	
			Factor [dB/m]	Loss & Gain [dB]					[dBuV/m]	[dB]
34.674	30.2	QP	16.6	-22.0	24.8	179	300	Hori.	40.0	15.2
34.780	38.9	QP	16.6	-22.0	33.5	129	100	Vert.	40.0	6.5
96.144	47.7	QP	9.1	-21.3	35.5	269	221	Hori.	43.5	8.0
96.440	46.0	QP	9.2	-21.3	33.9	167	100	Vert.	43.5	9.6
170.437	39.9	QP	15.9	-20.4	35.4	153	176	Hori.	43.5	8.1
170.439	40.1	QP	15.9	-20.4	35.6	186	100	Vert.	43.5	7.9
215.999	37.9	QP	17.2	-19.9	35.2	172	171	Hori.	43.5	8.3
216.003	34.0	QP	17.2	-19.9	31.3	10	100	Vert.	46.0	14.7
378.010	39.3	QP	17.2	-19.3	37.2	273	100	Hori.	46.0	8.8
377.798	40.0	QP	17.2	-19.3	37.9	193	141	Vert.	46.0	8.1
431.832	39.5	QP	18.1	-19.5	38.1	202	100	Hori.	46.0	7.9
431.993	36.9	QP	18.1	-19.5	35.5	130	119	Vert.	46.0	10.5

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)
11b, Tx, Ch:High

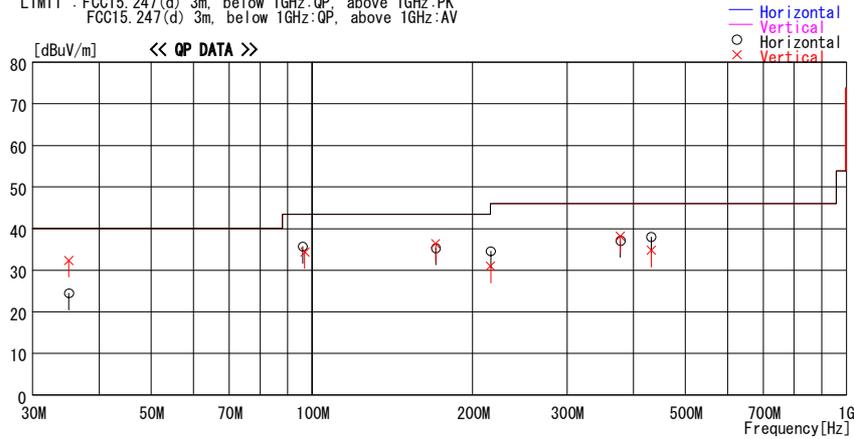
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/10

Company : Sony Computer Entertainment Inc. Report No. : 28BE0065-HO-02
Kind of EUT : PLAYSTATION@3 Power : AC 120V / 60Hz
Model No. : CECHH01 Temp./ Humi. : 24deg.C. / 64 %
Serial No. : 1020135 Operator : Takumi Shimada

Mode / Remarks : 11b, Tx 2462MHz, 11Mbps(Worst), PN9, Ant0(Worst), EUT-worst-axis: H:Y, V:X,

LIMIT : FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg.]	Height [cm]	Polar.	Limit	
			Factor [dB/m]	Loss & Gain [dB]					[dBuV/m]	[dB]
35.054	30.0	QP	16.5	-22.0	24.5	199	278	Hori.	40.0	15.5
35.054	37.9	QP	16.5	-22.0	32.4	121	100	Vert.	40.0	7.6
96.124	48.0	QP	9.1	-21.3	35.8	256	291	Hori.	43.5	7.8
96.918	46.4	QP	9.3	-21.3	34.4	167	100	Vert.	43.5	9.1
170.441	39.9	QP	15.9	-20.4	35.4	156	170	Hori.	43.5	8.2
170.441	40.8	QP	15.9	-20.4	36.3	181	100	Vert.	43.5	7.2
216.001	37.3	QP	17.2	-19.9	34.6	178	170	Hori.	46.0	11.4
216.001	33.7	QP	17.2	-19.9	31.0	10	100	Vert.	46.0	15.0
378.002	39.2	QP	17.2	-19.3	37.1	271	100	Hori.	46.0	8.9
377.802	40.3	QP	17.2	-19.3	38.2	194	132	Vert.	46.0	7.8
431.989	39.4	QP	18.1	-19.5	38.0	200	100	Hori.	46.0	8.0
431.989	36.2	QP	18.1	-19.5	34.8	131	103	Vert.	46.0	11.2

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

*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

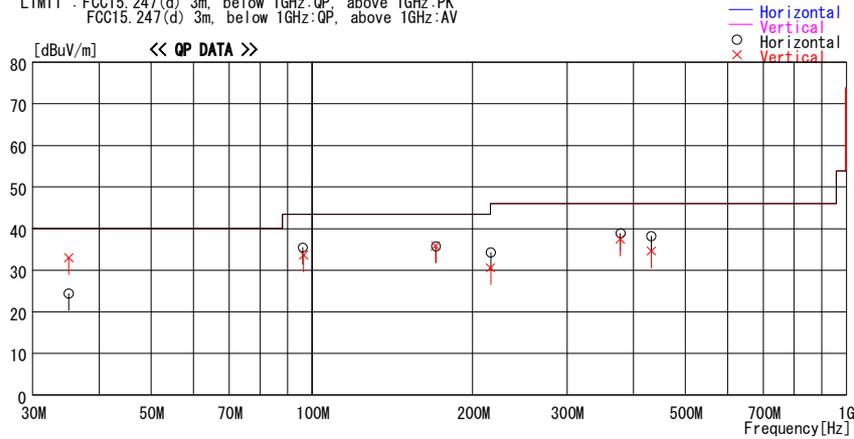
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/10

Company : Sony Computer Entertainment Inc. Report No. : 28BE0065-HO-02
Kind of EUT : PLAYSTATION@3 Power : AC 120V / 60Hz
Model No. : CECHH01 Temp./ Humi. : 24deg.C. / 64 %
Serial No. : 1020135 Operator : Takumi Shimada

Mode / Remarks : 11g, Tx 2412MHz, 54Mbps(Worst), PN9, Ant0(Worst), EUT-worst-axis: H:Y, V:X,

LIMIT : FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg.]	Height [cm]	Polar.	Limit	
			Factor [dB/m]	Loss & Gain [dB]					[dBuV/m]	[dB]
35.020	29.9	QP	16.5	-22.0	24.4	187	261	Hori.	40.0	15.6
35.020	38.5	QP	16.5	-22.0	33.0	98	100	Vert.	40.0	7.0
96.124	47.7	QP	9.1	-21.3	35.5	264	269	Hori.	43.5	8.0
96.452	45.8	QP	9.2	-21.3	33.7	174	100	Vert.	43.5	9.8
170.437	40.3	QP	15.9	-20.4	35.8	161	184	Hori.	43.5	7.7
170.436	40.4	QP	15.9	-20.4	35.9	176	100	Vert.	43.5	7.6
215.996	37.0	QP	17.2	-19.9	34.3	160	162	Hori.	43.5	9.2
215.996	33.3	QP	17.2	-19.9	30.6	11	100	Vert.	43.5	12.9
377.788	41.0	QP	17.2	-19.3	38.9	262	100	Hori.	46.0	7.1
377.800	39.6	QP	17.2	-19.3	37.5	204	142	Vert.	46.0	8.5
431.995	39.6	QP	18.1	-19.5	38.2	199	100	Hori.	46.0	7.8
431.995	36.0	QP	18.1	-19.5	34.6	133	100	Vert.	46.0	11.4

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

*The 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

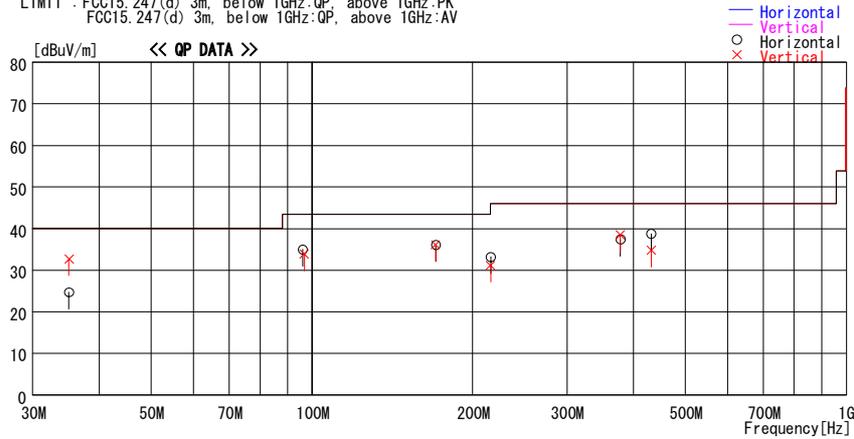
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/10

Company : Sony Computer Entertainment Inc. Report No. : 28BE0065-HO-02
Kind of EUT : PLAYSTATION@3 Power : AC 120V / 60Hz
Model No. : CECHH01 Temp./ Humi. : 24deg.C. / 64 %
Serial No. : 1020135 Operator : Takumi Shimada

Mode / Remarks : 11g, Tx 2437MHz, 54Mbps (Worst), PN9, Ant0 (Worst), EUT-worst-axis: H:Y, V:X,

LIMIT : FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:AV



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]
35.070	30.2	QP	16.5	-22.0	24.7	204	257	Hori.	40.0	15.3
35.070	38.2	QP	16.5	-22.0	32.7	107	100	Vert.	40.0	7.3
96.116	47.2	QP	9.1	-21.3	35.0	270	228	Hori.	43.5	8.5
96.700	45.9	QP	9.3	-21.3	33.9	167	100	Vert.	43.5	9.6
170.440	40.6	QP	15.9	-20.4	36.1	161	184	Hori.	43.5	7.4
170.441	40.6	QP	15.9	-20.4	36.1	184	100	Vert.	43.5	7.4
215.996	35.9	QP	17.2	-19.9	33.2	160	166	Hori.	43.5	10.3
215.996	33.9	QP	17.2	-19.9	31.2	13	100	Vert.	43.5	12.3
377.795	39.5	QP	17.2	-19.3	37.4	267	100	Hori.	46.0	8.6
377.815	40.6	QP	17.2	-19.3	38.5	205	122	Vert.	46.0	7.5
431.992	40.2	QP	18.1	-19.5	38.8	199	100	Hori.	46.0	7.2
431.999	36.2	QP	18.1	-19.5	34.8	150	125	Vert.	46.0	11.2

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

*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

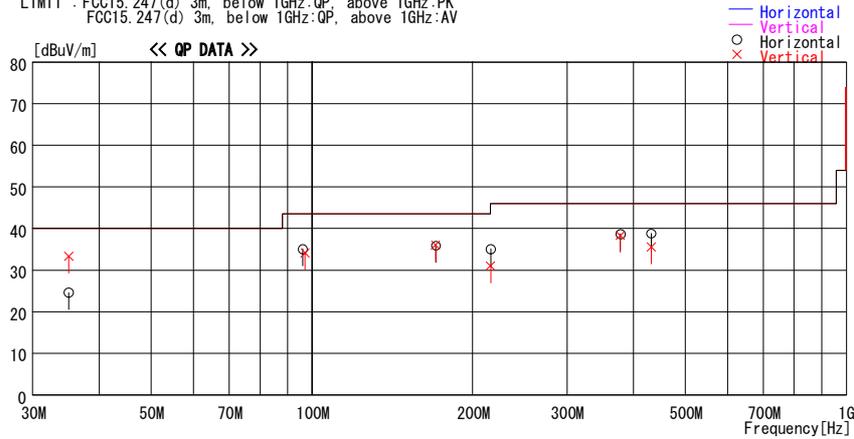
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/11

Company : Sony Computer Entertainment Inc. Report No. : 28BE0065-HO-02
Kind of EUT : PLAYSTATION@3 Power : AC 120V / 60Hz
Model No. : CECHH01 Temp./ Humi. : 24deg.C. / 64 %
Serial No. : 1020135 Operator : Takumi Shimada

Mode / Remarks : 11g, Tx 2462MHz, 54Mbps(Worst), PN9, Ant0(Worst), EUT-worst-axis: H:Y, V:X,

LIMIT : FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg.]	Height [cm]	Polar.	Limit	
			Factor [dB/m]	Loss & Gain [dB]					[dBuV/m]	[dB]
35.040	30.1	QP	16.5	-22.0	24.6	189	288	Hori.	40.0	15.4
35.040	38.8	QP	16.5	-22.0	33.3	69	100	Vert.	40.0	6.7
96.131	47.3	QP	9.1	-21.3	35.1	269	231	Hori.	43.5	8.4
97.050	46.0	QP	9.4	-21.3	34.1	180	100	Vert.	43.5	9.4
170.437	40.4	QP	15.9	-20.4	35.9	167	182	Hori.	43.5	7.6
170.440	40.5	QP	15.9	-20.4	36.0	178	100	Vert.	43.5	7.5
215.999	37.8	QP	17.2	-19.9	35.1	174	147	Hori.	43.5	8.4
215.997	33.7	QP	17.2	-19.9	31.0	24	100	Vert.	43.5	12.5
377.820	40.7	QP	17.2	-19.3	38.6	268	100	Hori.	46.0	7.4
377.792	40.4	QP	17.2	-19.3	38.3	195	126	Vert.	46.0	7.7
431.993	40.2	QP	18.1	-19.5	38.8	199	100	Hori.	46.0	7.2
431.993	36.9	QP	18.1	-19.5	35.5	126	106	Vert.	46.0	10.5

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

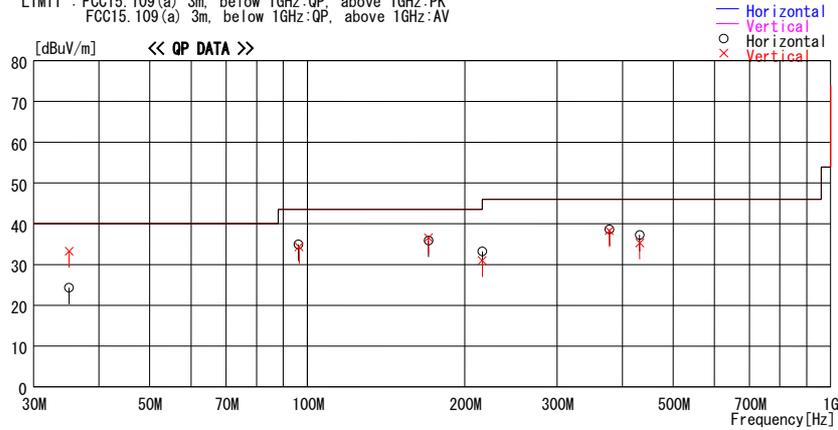
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/11

Company : Sony Computer Entertainment Inc. Report No. : 28BE0065-HO-02
Kind of EUT : PLAYSTATION®3 Power : AC 120V / 60Hz
Model No. : CECHH01 Temp. / Humi. : 24deg. C. / 64 %
Serial No. : 1020135 Operator : Takumi Shimada

Mode / Remarks: 11b/11g, Rx 2437MHz, PN9, Ant0(Worst), EUT-worst-axis: H:Y, V:X,

LIMIT : FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:AV



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]						
35.072	29.9	QP	16.5	-22.0	24.4	190	323	Hori.	40.0	15.7
35.072	38.8	QP	16.5	-22.0	33.3	68	100	Vert.	40.0	6.7
96.124	47.1	QP	9.1	-21.3	34.9	268	226	Hori.	43.5	8.6
96.430	46.4	QP	9.2	-21.3	34.3	157	100	Vert.	43.5	9.2
170.432	40.4	QP	15.9	-20.4	35.9	171	179	Hori.	43.5	7.6
170.433	41.1	QP	15.9	-20.4	36.6	176	100	Vert.	43.5	6.9
215.997	35.9	QP	17.2	-19.9	33.2	173	171	Hori.	43.5	10.3
215.992	33.7	QP	17.2	-19.9	31.0	8	100	Vert.	43.5	12.5
377.814	40.7	QP	17.2	-19.3	38.6	263	100	Hori.	46.0	7.4
377.778	40.4	QP	17.2	-19.3	38.3	196	117	Vert.	46.0	7.7
431.995	38.7	QP	18.1	-19.5	37.3	190	100	Hori.	46.0	8.7
431.995	36.7	QP	18.1	-19.5	35.3	141	109	Vert.	46.0	10.7

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 (above 1GHz)
11b, Tx, Ch:Low

UL Japan, Inc..

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHH01
S/N : 1020135
Power : AC 120V / 60Hz
Mode : 11b, Tx 2412MHz, PN9, Ant0, 11Mbps
Position : H: Y-axis, V: X-axis

Head Office EMC Lab. No.2 Semi Anechoic Chamber
Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 09/08/2007
Temperature : 22deg.C.
Humidity : 60%
Engineer : Kenichi Adachi

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1991.33	56.5	58.0	26.5	32.5	3.2	0.0	53.7	55.2	74.0	20.3	18.8
2	2390.00	58.9	61.5	27.1	32.3	3.6	0.0	57.3	59.9	74.0	16.7	14.1
3 **	2400.00	63.7	66.5	27.1	32.3	3.6	0.0	62.1	64.9	74.0	-	-
4	3186.83	53.0	53.5	28.7	32.3	4.3	0.0	53.7	54.2	74.0	20.3	19.8
5	4824.00	42.0	42.2	31.3	31.6	4.8	0.4	46.9	47.1	74.0	27.1	26.9
6	7236.00	43.2	43.1	35.8	31.4	5.4	0.6	53.6	53.5	74.0	20.4	20.5
7	9648.00	43.4	43.5	38.6	31.9	6.4	0.8	57.3	57.4	74.0	16.7	16.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12060.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
9	14472.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
10	16884.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
11	19296.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
12	21708.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
13	24120.00	46.0	46.0	40.7	30.7	10.1	1.3	57.9	57.9	74.0	16.1	16.1

** 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 [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1991.33	35.7	37.1	26.5	32.5	3.2	0.0	32.9	34.3	54.0	21.1	19.7
2	2390.00	48.5	49.0	27.1	32.3	3.6	0.0	46.9	47.4	54.0	7.1	6.6
3 **	2400.00	51.4	53.9	27.1	32.3	3.6	0.0	49.8	52.3	54.0	-	-
4	3186.83	33.8	33.9	28.7	32.3	4.3	0.0	34.5	34.6	54.0	19.5	19.4
5	4824.00	29.5	29.6	31.3	31.6	4.8	0.4	34.4	34.5	54.0	19.6	19.5
6	7236.00	30.5	30.4	35.8	31.4	5.4	0.6	40.9	40.8	54.0	13.1	13.2
7	9648.00	30.6	30.7	38.6	31.9	6.4	0.8	44.5	44.6	54.0	9.5	9.4
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12060.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
9	14472.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
10	16884.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
11	19296.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
12	21708.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
13	24120.00	33.0	33.1	40.7	30.7	10.1	1.3	44.9	45.0	54.0	9.1	9.0

** 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
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
0	2412.00	105.2	107.2	27.1	32.3	3.7	0.0	94.2	96.2	-	-	-
2	2400.00	55.0	56.1	27.1	32.3	3.6	0.0	43.9	45.0	Funda-20dB	30.3	31.2

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.

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

UL Japan, Inc.

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHH01
S/N : 1020135
Power : AC 120V / 60Hz
Mode : 11b, Tx 2437MHz, PN9, Ant0, 11Mbps
Position : H: Y-axis, V: X-axis

Head Office EMC Lab. No.2 Semi Anechoic Chamber
Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 09/08/2007
Temperature : 22deg.C.
Humidity : 60%
Engineer : Kenichi Adachi

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1991.15	55.9	57.7	26.5	32.5	3.2	0.0	53.1	54.9	74.0	20.9	19.1
2	3188.70	53.1	53.6	28.7	32.3	4.3	0.0	53.8	54.3	74.0	20.2	19.7
3	4874.00	42.2	42.3	31.4	31.6	4.8	0.4	47.2	47.3	74.0	26.8	26.7
4	7311.00	43.5	43.4	35.9	31.4	5.5	0.6	54.1	54.0	74.0	19.9	20.0
5	9748.00	43.6	43.7	38.7	32.0	6.5	0.7	57.5	57.6	74.0	16.5	16.4
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12185.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
7	14622.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
8	17059.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
9	19496.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
10	21933.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
11	24370.00	45.4	45.3	40.7	30.6	10.3	1.3	57.6	57.5	74.0	16.4	16.5

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1991.15	35.6	36.9	26.5	32.5	3.2	0.0	32.8	34.1	54.0	21.2	19.9
2	3188.70	33.6	33.8	28.7	32.3	4.3	0.0	34.3	34.5	54.0	19.7	19.5
3	4874.00	29.5	29.5	31.4	31.6	4.8	0.4	34.5	34.5	54.0	19.5	19.5
4	7311.00	30.6	30.5	35.9	31.4	5.5	0.6	41.2	41.1	54.0	12.8	12.9
5	9748.00	30.6	30.6	38.7	32.0	6.5	0.7	44.5	44.5	54.0	9.5	9.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12185.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
7	14622.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
8	17059.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
9	19496.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
10	21933.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
11	24370.00	33.1	33.0	40.7	30.6	10.3	1.3	45.3	45.2	54.0	8.7	8.8

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.

UL Japan, Inc.
Head Office EMC Lab.
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN
Telephone : +81 596 24 8116
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Radiated Spurious Emission (above 1GHz)
11b, Tx, Ch:High

UL Japan, Inc.

Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHH01
S/N : 1020135
Power : AC 120V / 60Hz
Mode : 11b, Tx 2462MHz, PN9, Ant0, 11Mbps
Position : H: Y-axis, V: X-axis

Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 09/08/2007
Temperature : 22deg.C.
Humidity : 60%
Engineer : Kenichi Adachi

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1991.18	55.8	57.5	26.5	32.5	3.2	0.0	53.0	54.7	74.0	21.0	19.3
2	2483.50	58.1	60.4	27.2	32.3	3.7	0.0	56.7	59.0	74.0	17.3	15.0
3	3189.27	53.3	53.8	28.7	32.3	4.3	0.0	54.0	54.5	74.0	20.0	19.5
4	4924.00	42.3	42.3	31.5	31.6	4.8	0.3	47.3	47.3	74.0	26.7	26.7
5	7386.00	43.4	43.6	36.1	31.4	5.5	0.6	54.2	54.4	74.0	19.8	19.6
6	9848.00	43.6	43.7	38.8	32.0	6.5	0.7	57.6	57.7	74.0	16.4	16.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12310.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
8	14772.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
9	17234.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
10	19696.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
11	22158.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
12	24620.00	45.9	46.0	40.8	30.6	10.4	1.2	58.2	58.3	74.0	15.8	15.7

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1991.18	35.4	36.8	26.5	32.5	3.2	0.0	32.6	34.0	54.0	21.4	20.0
2	2483.50	46.8	47.6	27.2	32.3	3.7	0.0	45.4	46.2	54.0	8.6	7.8
3	3189.27	33.6	33.9	28.7	32.3	4.3	0.0	34.3	34.6	54.0	19.7	19.4
4	4924.00	29.6	29.5	31.5	31.6	4.8	0.3	34.6	34.5	54.0	19.4	19.5
5	7386.00	30.5	30.6	36.1	31.4	5.5	0.6	41.3	41.4	54.0	12.7	12.6
6	9848.00	30.7	30.7	38.8	32.0	6.5	0.7	44.7	44.7	54.0	9.3	9.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12310.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
8	14772.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
9	17234.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
10	19696.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
11	22158.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
12	24620.00	33.1	33.1	40.8	30.6	10.4	1.2	45.4	45.4	54.0	8.6	8.6

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 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.

Radiated Spurious Emission (above 1GHz)
11g, Tx, Ch:Low

UL Japan, Inc..

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHH01
S/N : 1020135
Power : AC 120V / 60Hz
Mode : 11g, Tx 2412MHz, PN9, Ant0, 54Mbps
Position : H: Y-axis, V: X-axis

Head Office EMC Lab. No.2 Semi Anechoic Chamber
Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 09/08/2007
Temperature : 22deg.C.
Humidity : 60%
Engineer : Kenichi Adachi

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1994.08	55.5	57.5	26.5	32.5	3.2	0.0	52.7	54.7	74.0	21.3	19.3
2	2390.00	65.4	67.9	27.1	32.3	3.6	0.0	63.8	66.3	74.0	10.2	7.7
3**	2400.00	80.5	82.5	27.1	32.3	3.6	0.0	78.9	80.9	74.0	-	-
4	3186.67	53.0	53.6	28.7	32.3	4.3	0.0	53.7	54.3	74.0	20.3	19.7
5	4824.00	42.3	42.2	31.3	31.6	4.8	0.4	47.2	47.1	74.0	26.8	26.9
6	7236.00	43.3	43.3	35.8	31.4	5.4	0.6	53.7	53.7	74.0	20.3	20.3
7	9648.00	43.5	43.4	38.6	31.9	6.4	0.8	57.4	57.3	74.0	16.6	16.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12060.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
9	14472.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
10	16884.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
11	19296.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
12	21708.00	No detect	No detect	-	-	-	-	-	-	74.0	-	-
13	24120.00	46.0	45.9	40.7	30.7	10.1	1.3	57.9	57.8	74.0	16.1	16.2

** 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
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1994.08	36.0	37.2	26.5	32.5	3.2	0.0	33.2	34.4	54.0	20.8	19.6
2	2390.00	49.7	51.1	27.1	32.3	3.6	0.0	48.1	49.5	54.0	5.9	4.5
3**	2400.00	59.7	62.0	27.1	32.3	3.6	0.0	58.1	60.4	54.0	-	-
4	3186.67	33.6	33.9	28.7	32.3	4.3	0.0	34.3	34.6	54.0	19.7	19.4
5	4824.00	29.5	29.5	31.3	31.6	4.8	0.4	34.4	34.4	54.0	19.6	19.6
6	7236.00	30.4	30.4	35.8	31.4	5.4	0.6	40.8	40.8	54.0	13.2	13.2
7	9648.00	30.7	30.6	38.6	31.9	6.4	0.8	44.6	44.5	54.0	9.4	9.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12060.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
9	14472.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
10	16884.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
11	19296.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
12	21708.00	No detect	No detect	-	-	-	-	-	-	54.0	-	-
13	24120.00	33.1	33.1	40.7	30.7	10.1	1.3	45.0	45.0	54.0	9.0	9.0

** 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
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
0	2412.00	97.8	99.4	27.1	32.3	3.7	0.0	86.8	88.4	-	-	-
2	2400.00	66.6	67.5	27.1	32.3	3.6	0.0	55.4	56.4	Funda-20dB	11.3	12.0

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 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.

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

UL Japan, Inc.

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHH01
S/N : 1020135
Power : AC 120V / 60Hz
Mode : 11g, Tx 2437MHz, PN9, Ant0, 54Mbps
Position : H: Y-axis, V: X-axis

Head Office EMC Lab. No.2 Semi Anechoic Chamber
Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 09/08/2007
Temperature : 22deg.C.
Humidity : 60%
Engineer : Kenichi Adachi

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1991.10	56.2	57.4	26.5	32.5	3.2	0.0	53.4	54.6	74.0	20.6	19.4
2	3196.20	54.1	54.2	28.7	32.3	4.3	0.0	54.8	54.9	74.0	19.2	19.1
3	4874.00	42.1	42.2	31.4	31.6	4.8	0.4	47.1	47.2	74.0	26.9	26.8
4	7311.00	43.3	43.2	35.9	31.4	5.5	0.6	53.9	53.8	74.0	20.1	20.2
5	9748.00	43.6	43.6	38.7	32.0	6.5	0.7	57.5	57.5	74.0	16.5	16.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12185.00	No Detect	No detect	-	-	-	-	-	-	74.0	-	-
7	14622.00	No Detect	No detect	-	-	-	-	-	-	74.0	-	-
8	17059.00	No Detect	No detect	-	-	-	-	-	-	74.0	-	-
9	19496.00	No Detect	No detect	-	-	-	-	-	-	74.0	-	-
10	21933.00	No Detect	No detect	-	-	-	-	-	-	74.0	-	-
11	24370.00	45.3	45.4	40.7	30.6	10.3	1.3	57.5	57.6	74.0	16.5	16.4

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1991.10	35.8	37.1	26.5	32.5	3.2	0.0	33.0	34.3	54.0	21.0	19.7
2	3196.20	34.2	34.2	28.7	32.3	4.3	0.0	34.9	34.9	54.0	19.1	19.1
3	4874.00	29.6	29.7	31.4	31.6	4.8	0.4	34.6	34.7	54.0	19.4	19.3
4	7311.00	30.5	30.5	35.9	31.4	5.5	0.6	41.1	41.1	54.0	12.9	12.9
5	9748.00	30.6	30.6	38.7	32.0	6.5	0.7	44.5	44.5	54.0	9.5	9.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12185.00	No Detect	No detect	-	-	-	-	-	-	54.0	-	-
7	14622.00	No Detect	No detect	-	-	-	-	-	-	54.0	-	-
8	17059.00	No Detect	No detect	-	-	-	-	-	-	54.0	-	-
9	19496.00	No Detect	No detect	-	-	-	-	-	-	54.0	-	-
10	21933.00	No Detect	No detect	-	-	-	-	-	-	54.0	-	-
11	24370.00	33.0	33.0	40.7	30.6	10.3	1.3	45.2	45.2	54.0	8.8	8.8

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.

Radiated Spurious Emission (above 1GHz)
11g, Tx, Ch:High

UL Japan, Inc.

Company : Sony Computer Entertainment Inc.
Equipment : PLAYSTATION®3
Model : CECHH01
S/N : 1020135
Power : AC 120V / 60Hz
Mode : 11g, Tx 2462MHz, PN9, Ant0, 54Mbps
Position : H: Y-axis, V: X-axis

Head Office EMC Lab. No.2 Semi Anechoic Chamber
Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 09/08/2007
Temperature : 22deg.C.
Humidity : 60%
Engineer : Kenichi Adachi

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR [dBuV]	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1991.13	56.0	57.2	26.5	32.5	3.2	0.0	53.2	54.4	74.0	20.8	19.6
2	2483.50	65.3	66.8	27.2	32.3	3.7	0.0	63.9	65.4	74.0	10.1	8.6
3	3198.67	53.1	53.2	28.7	32.3	4.3	0.0	53.8	53.9	74.0	20.2	20.1
4	4924.00	42.3	42.4	31.5	31.6	4.8	0.3	47.3	47.4	74.0	26.7	26.6
5	7386.00	43.4	43.5	36.1	31.4	5.5	0.6	54.2	54.3	74.0	19.8	19.7
6	9848.00	43.6	43.5	38.8	32.0	6.5	0.7	57.6	57.5	74.0	16.4	16.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12310.00	No detect	Nodetect	-	-	-	-	-	-	74.0	-	-
8	14772.00	No detect	Nodetect	-	-	-	-	-	-	74.0	-	-
9	17234.00	No detect	Nodetect	-	-	-	-	-	-	74.0	-	-
10	19696.00	No detect	Nodetect	-	-	-	-	-	-	74.0	-	-
11	22158.00	No detect	Nodetect	-	-	-	-	-	-	74.0	-	-
12	24620.00	46.0	45.9	40.8	30.6	10.4	1.2	58.3	58.2	74.0	15.7	15.8

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1991.13	36.1	37.0	26.5	32.5	3.2	0.0	33.3	34.2	54.0	20.7	19.8
2	2483.50	49.2	49.9	27.2	32.3	3.7	0.0	47.8	48.5	54.0	6.2	5.5
3	3198.67	33.7	33.8	28.7	32.3	4.3	0.0	34.4	34.5	54.0	19.6	19.5
4	4924.00	29.6	29.6	31.5	31.6	4.8	0.3	34.6	34.6	54.0	19.4	19.4
5	7386.00	30.6	30.6	36.1	31.4	5.5	0.6	41.4	41.4	54.0	12.6	12.6
6	9848.00	30.7	30.6	38.8	32.0	6.5	0.7	44.7	44.6	54.0	9.3	9.4
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12310.00	No detect	Nodetect	-	-	-	-	-	-	54.0	-	-
8	14772.00	No detect	Nodetect	-	-	-	-	-	-	54.0	-	-
9	17234.00	No detect	Nodetect	-	-	-	-	-	-	54.0	-	-
10	19696.00	No detect	Nodetect	-	-	-	-	-	-	54.0	-	-
11	22158.00	No detect	Nodetect	-	-	-	-	-	-	54.0	-	-
12	24620.00	33.1	33.0	40.8	30.6	10.4	1.2	45.4	45.3	54.0	8.6	8.7

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.

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

Company :	Sony Computer Entertainment Inc.	UL Japan, Inc.
Equipment :	PLAYSTATION®3	Head Office EMC Lab. No.2 Semi Anechoic Chamber
Model :	CECHH01	Regulation : FCC15.109(a) / RSS-210 A8.5
S/N :	1020135	Test Distance : 3m / 1m / 0.5m
Power :	AC 120V / 60Hz	Date : 09/08/2007
Mode :	11b / 11g, Rx 2437MHz, Ant0	Temperature : 22deg.C.
Position :	H: Y-axis, V: X-axis	Humidity : 60%
		Engineer : Kenichi Adachi

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

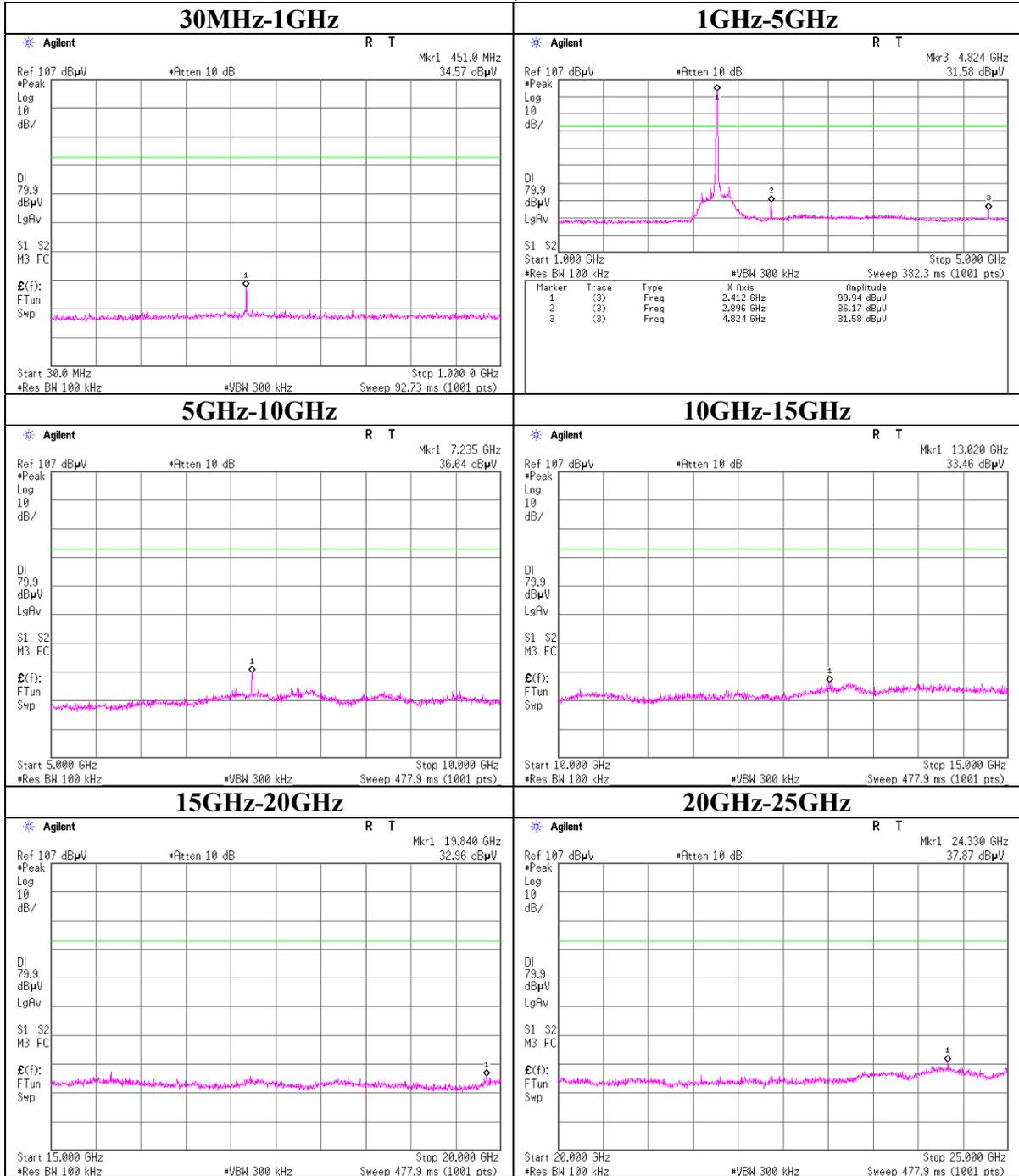
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1991.25	56.0	57.3	26.5	32.5	3.2	0.0	53.2	54.5	74.0	20.8	19.5
2	2437.00	51.2	45.3	28.7	32.3	4.3	0.0	51.9	46.0	74.0	22.1	28.0
3	3191.14	53.2	54.0	28.7	32.3	4.3	0.0	53.9	54.7	74.0	20.1	19.3
4	6396.70	47.8	46.2	33.6	31.4	5.4	0.0	55.4	53.8	74.0	18.6	20.2
5	7311.00	43.3	43.4	35.9	31.4	5.5	0.0	53.3	53.4	74.0	20.7	20.6

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

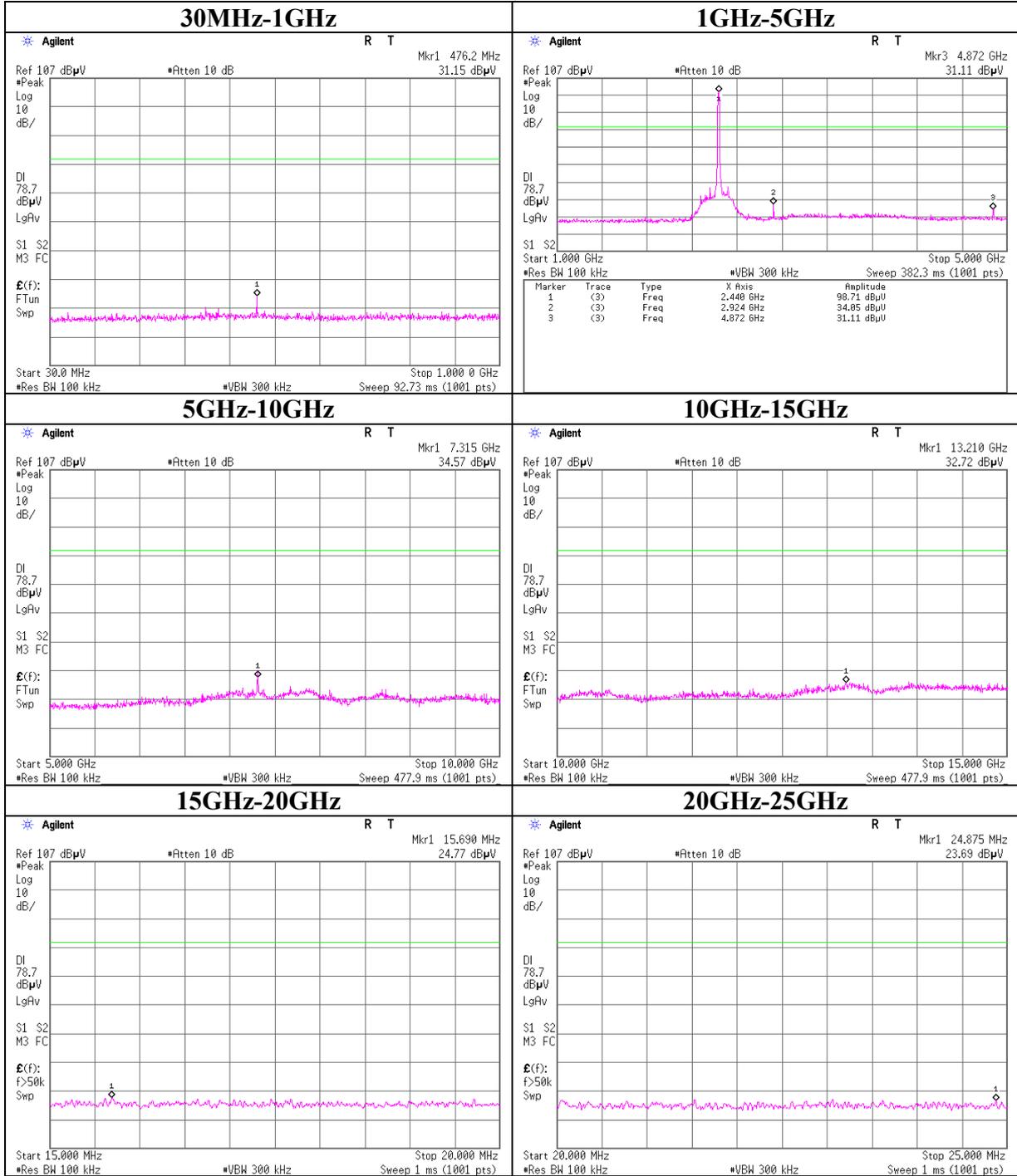
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1991.25	35.9	37.8	26.5	32.5	3.2	0.0	33.1	35.0	54.0	20.9	19.0
2	2437.00	31.1	30.9	28.7	32.3	4.3	0.0	31.8	31.6	54.0	22.2	22.4
3	3191.14	33.4	33.9	28.7	32.3	4.3	0.0	34.1	34.6	54.0	19.9	19.4
4	6396.70	30.4	30.2	33.6	31.4	5.4	0.0	38.0	37.8	54.0	16.0	16.2
5	7311.00	30.5	30.5	35.9	31.4	5.5	0.0	40.5	40.5	54.0	13.5	13.5

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

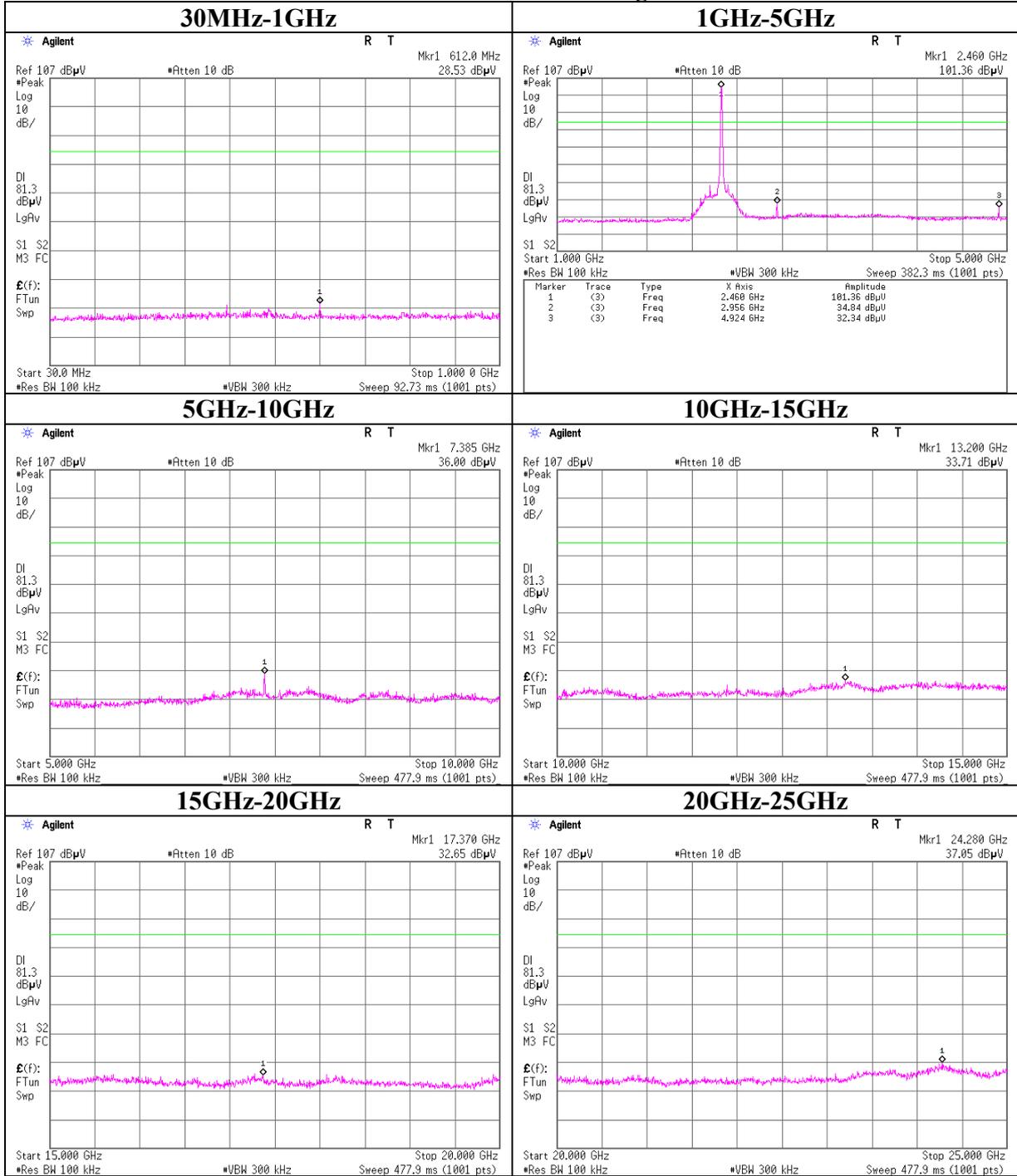
Conducted Spurious Emission
IEEE802.11b, Tx Ch: Low



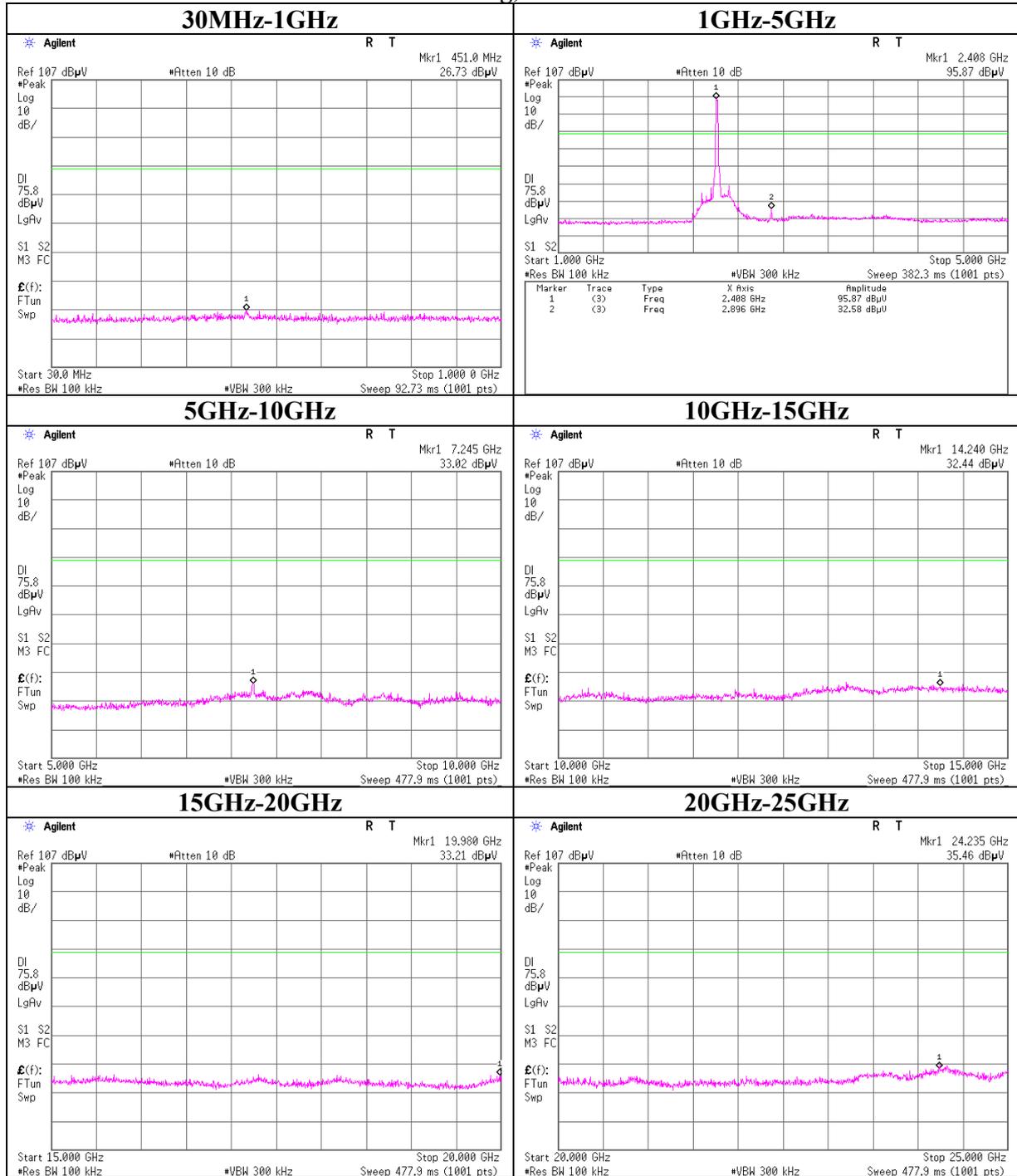
Conducted Spurious Emission
IEEE802.11b, Tx Ch: Mid



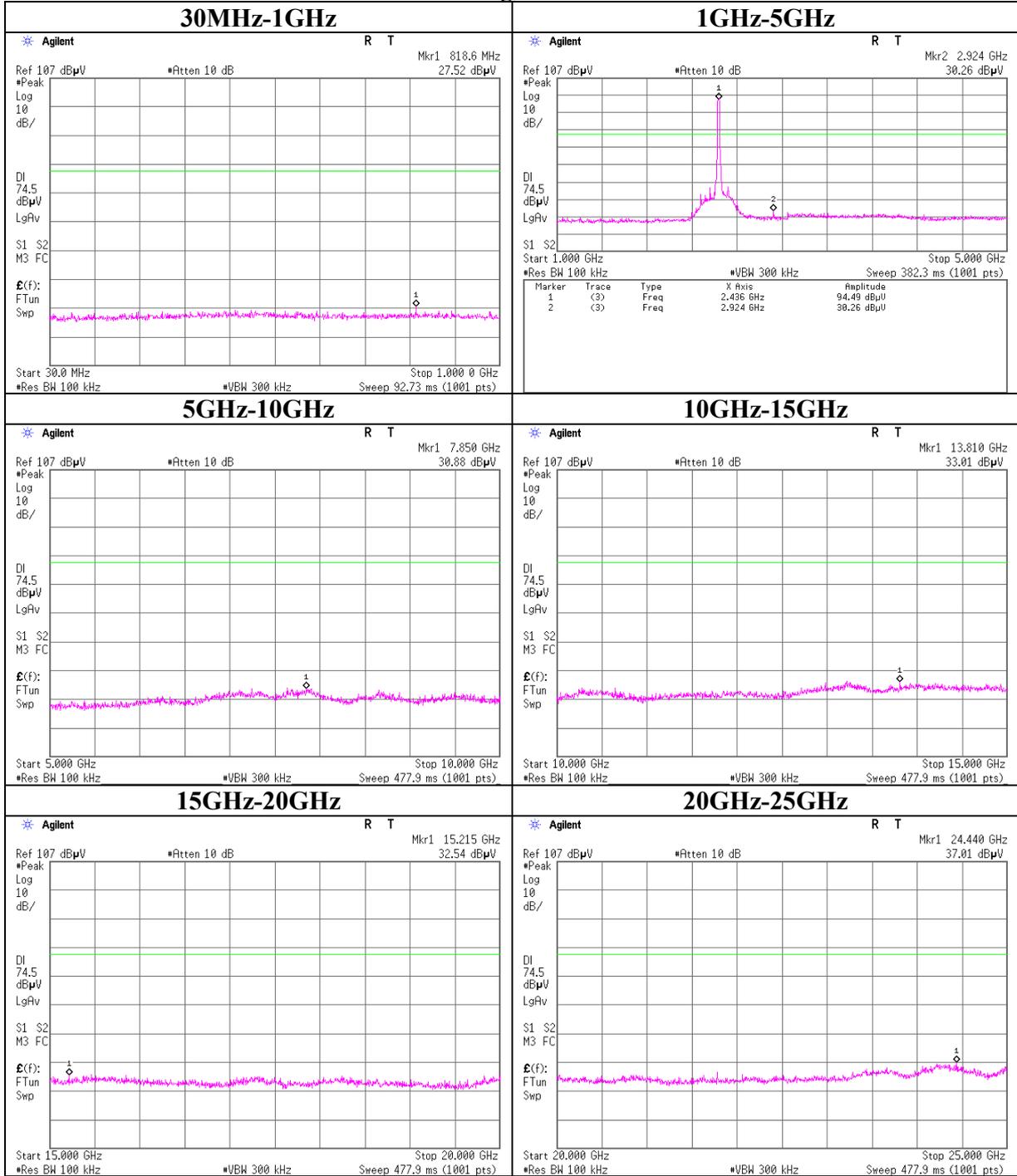
Conducted Spurious Emission
IEEE802.11b, Tx Ch: High



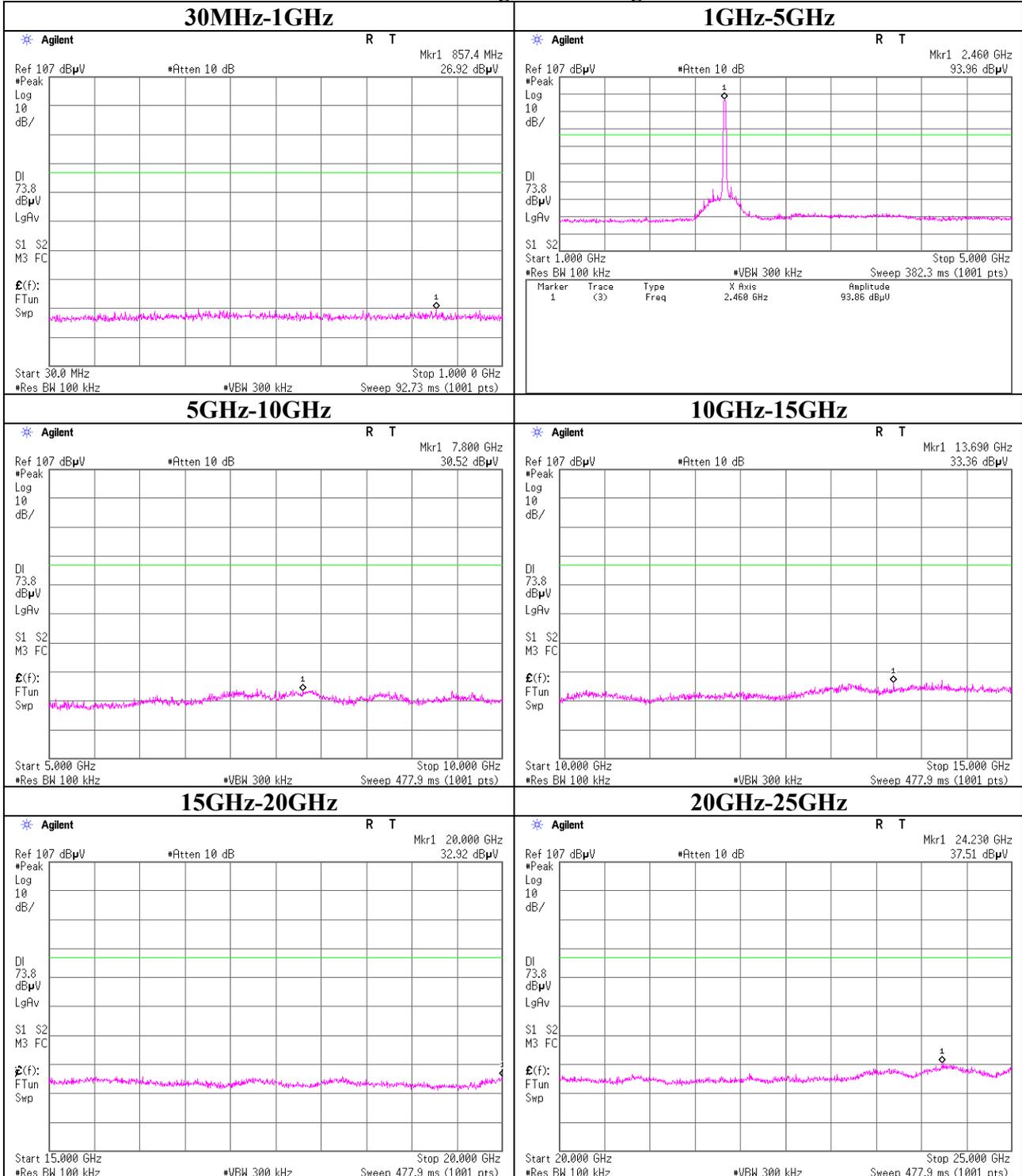
Conducted Spurious Emission
IEEE802.11g, Tx Ch: Low



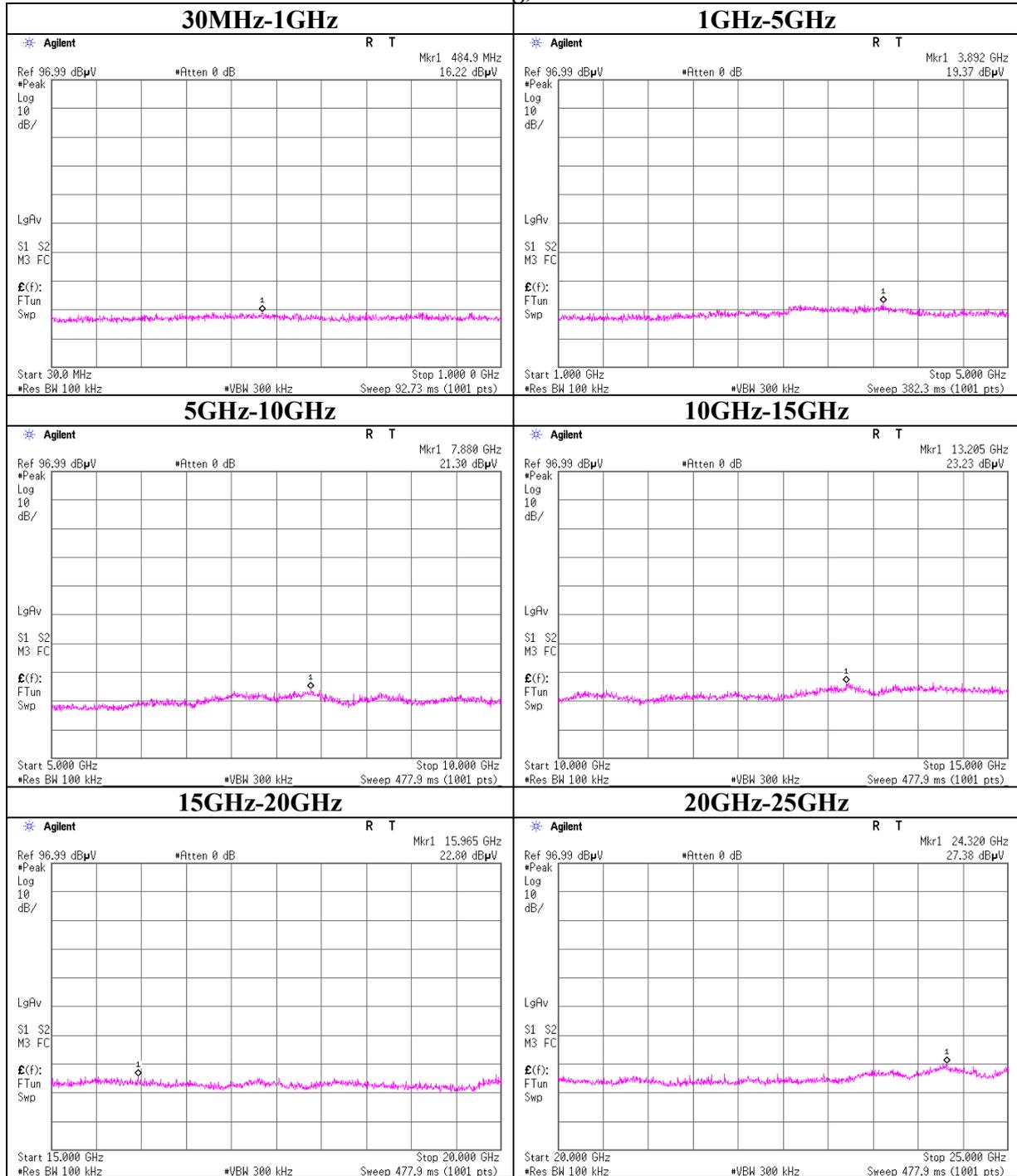
Conducted Spurious Emission
IEEE802.11g, Tx Ch: Mid



Conducted Spurious Emission
IEEE802.11g, Tx Ch: High

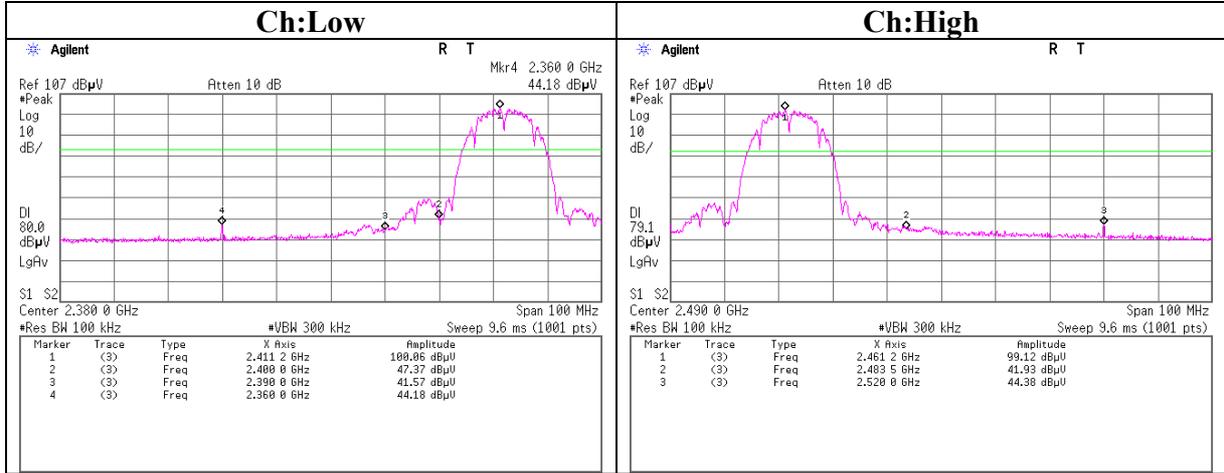


Conducted Spurious Emission
IEEE802.11b/g, Rx Ch: Mid

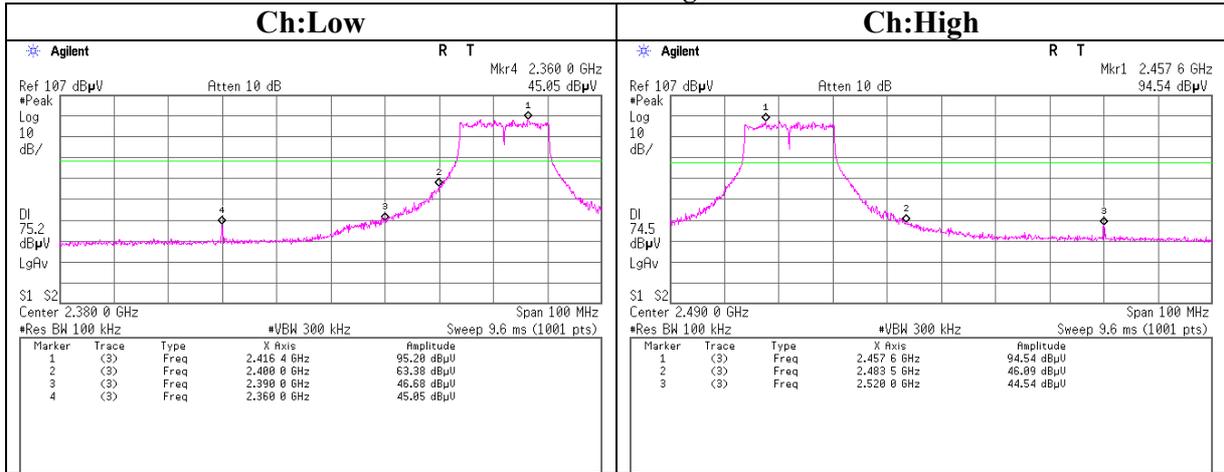


Conducted emission Band Edge compliance

IEEE802.11b



IEEE802.11g



Power Density

Head Office EMC Lab. No.6 Shielded Room

COMPANY : Sony Computer Entertainment Inc. REGULATION : FCC15.247(e)/RSS-210A8.2(b)
EQUIPMENT : PLAYSTATION@3 TEST DISTANCE : -
MODEL : CECHH01 DATE : 9/21/2007
SAMPLE NO. : 1020135 TEMPERATURE : 25deg.C.
POWER : AC120V/60Hz HUMIDITY : 66%
MODE : Tx (Ch 1,6,11) , ANTI ENGINEER : Takumi Shimada

[IEEE802.11b]

Ch	Freq. [MHz]	Reading [dBm]	Cable [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2412.7	-20.96	1.8	10.0	-9.2	8.0	17.2
Mid	2437.7	-21.23	1.8	10.0	-9.4	8.0	17.4
High	2462.7	-22.01	1.8	10.0	-10.2	8.0	18.2

[IEEE802.11g]

Ch	Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2412.3	-27.30	1.8	10.0	-15.5	8.0	23.5
Mid	2437.3	-27.53	1.8	10.0	-15.7	8.0	23.7
High	2462.3	-28.33	1.8	10.0	-16.5	8.0	24.5

Sample Calculation:

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

UL Japan, Inc.

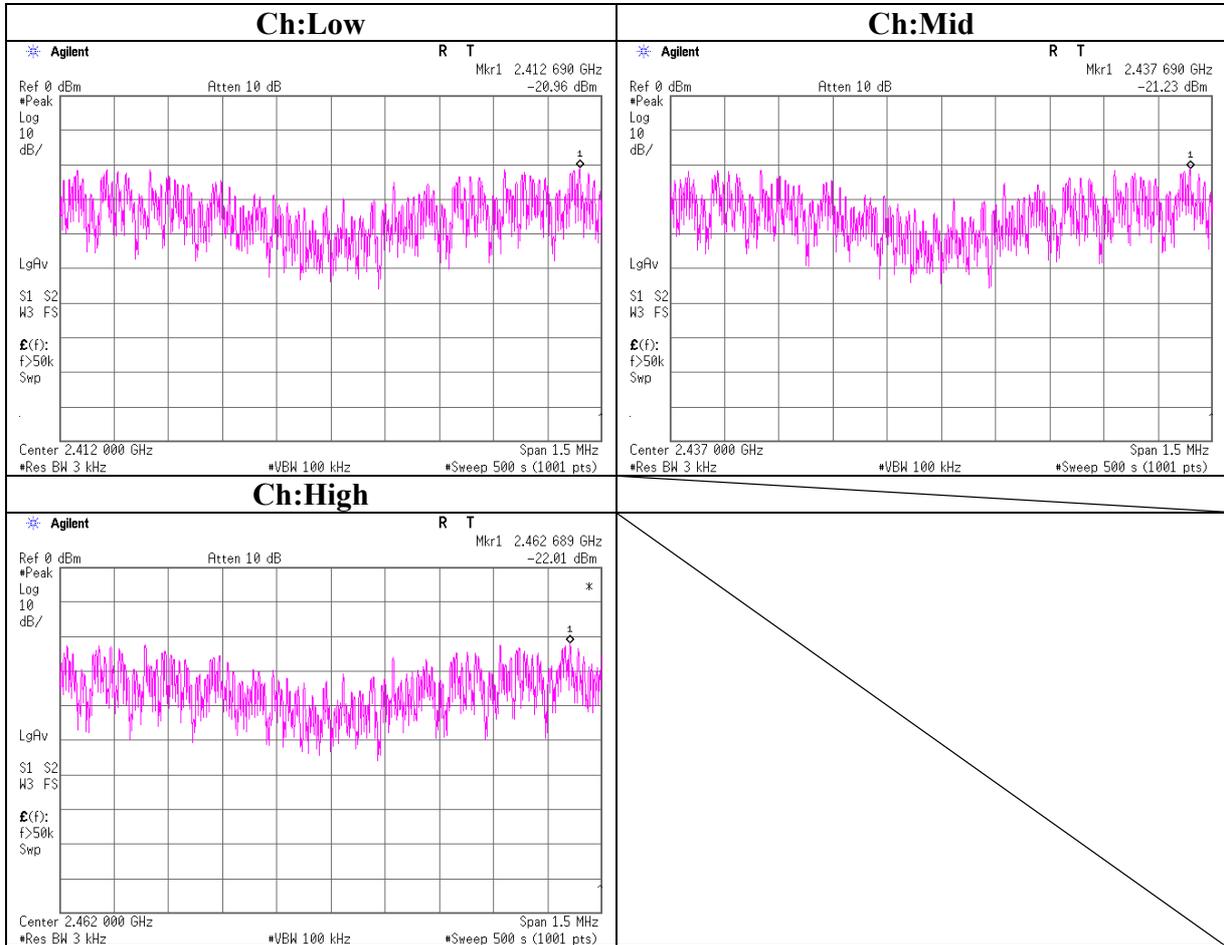
Head Office EMC Lab.

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

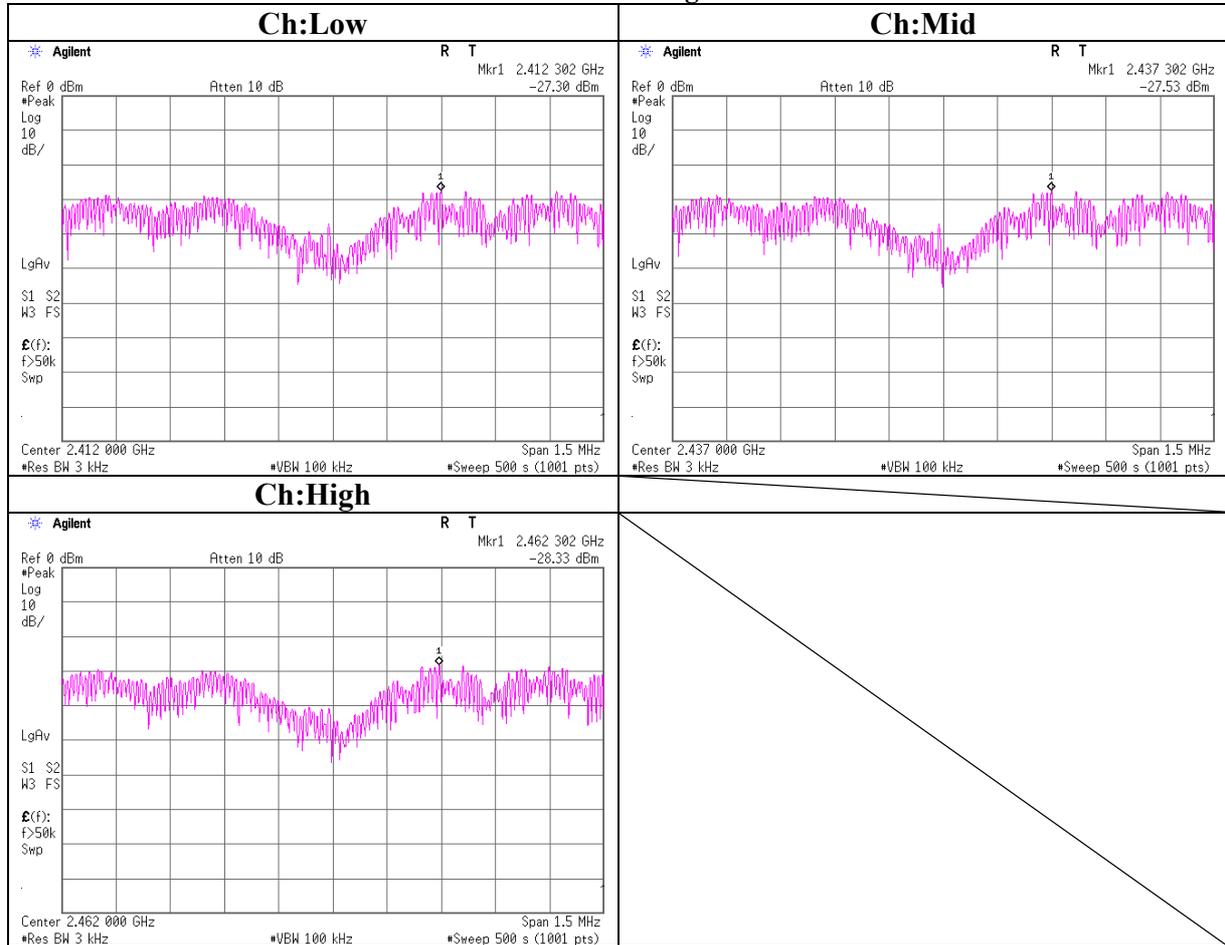
Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

Power Density
IEEE802.11b

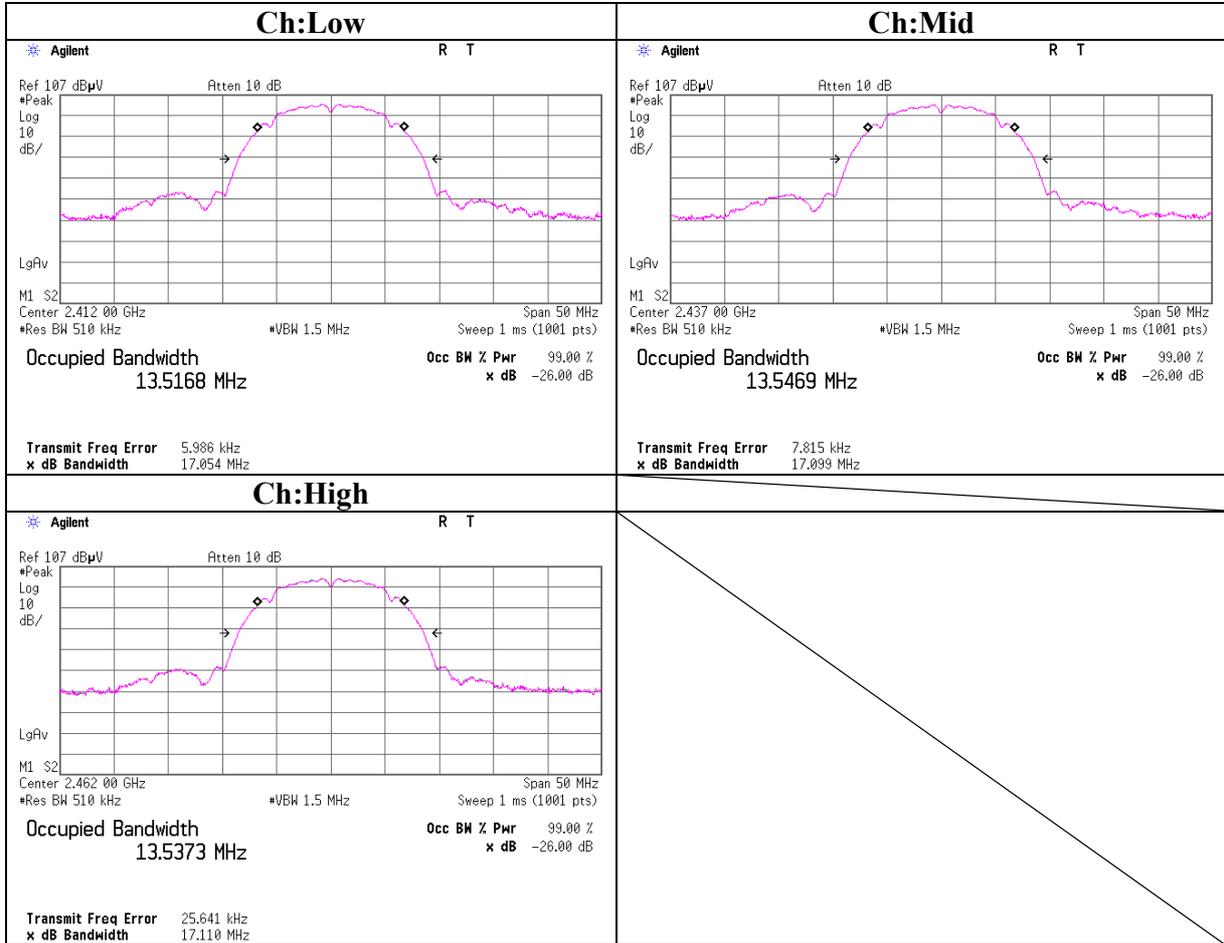


Power Density
IEEE802.11g



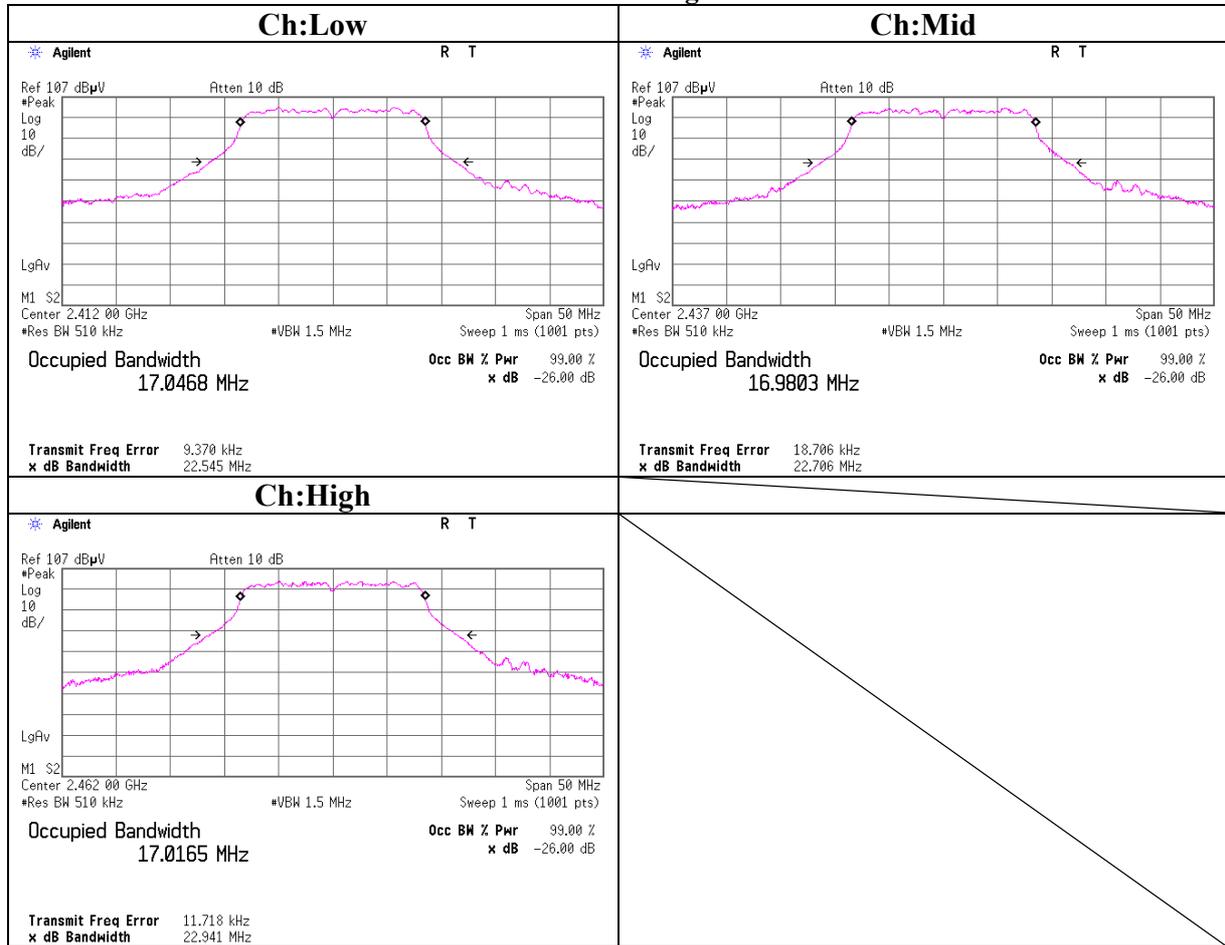
99% Occupied Bandwidth

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-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE / CE	2007/04/02 * 12
MOS-02	Digital Humidity Indicator	N.T	NT-1800	RE / CE	2006/11/27 * 12
MJM-05	Measure	PROMART	SEN1955	RE / CE	-
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE / CE	-
MHA-06	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2007/01/30 * 12
MCC-47	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2007/08/28 * 12
MCC-16	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	RE	2007/02/22 * 12
MPA-10	Pre Amplifier	Agilent	8449B	RE	2006/09/11 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	RE	2007/06/20 * 12
MHF-06	High Pass Filter 3.5-24GHz	Tokimec	TF323DCA	RE	2007/05/30 * 12
MHA-02	Horn Antenna	EMCO	3160-09	RE	2007/01/30 * 12
MBA-02	Biconical Antenna	Schwarzbeck	BBA9106	RE	2006/10/07 * 12
MLA-02	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2006/10/07 * 12
MCC-12	Coaxial Cable	Fujikura/Agilent	-	RE	2007/02/27 * 12
MAT-07	Attenuator(6dB)	Weinschel Corp	2	RE	2006/12/27 * 12
MPA-09	Pre Amplifier	Agilent	8447D	RE	2007/09/13 * 12
MTR-03	Test Receiver	Rohde & Schwarz	ESCI	RE / CE	2007/03/01 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	CE (EUT)	2007/02/22 * 12
MCC-13	Coaxial Cable	Fujikura/Agilent	-	CE	2007/02/27 * 12
MLS-07	LISN(AMN)	Schwarzbeck	NSLK8127	CE (AE)	2007/02/22 * 12
MTA-07	Terminator	MCL	BTRM-50	CE	2007/02/01 * 12
MSA-09	Spectrum Analyzer	Advantest	R3273	CE	2006/12/08 * 12
MSA-10	Spectrum Analyzer	Agilent	E4448A	AT	2007/07/04 * 12
MPM-09	Power Meter	Anritsu	ML2495A	AT	2006/09/20 * 12
MPSE-12	Power sensor	Anritsu	MA2411B	AT	2006/09/20 * 12
MCC-66	Microwave Cable 1G-40GHz	Schner	SUCOFLEX102	AT	2007/04/03 * 12
MAT-24	Attenuator(10dB)(above 1GHz)	Agilent	8493C	AT	2007/06/28 * 12
MOS-14	Thermo-Hygrometer	Custom	CTH-180	AT	2006/01/19 * 24

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

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

Test Item: CE: Conducted Emission

RE: Radiated Emission

AT: Antenna Terminal Conducted test

UL Japan, Inc.

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