

APPENDIX 2: Data of EMI test

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

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
 Date : 2009/06/01

Company	: Sony Computer Entertainment Inc.	Report No.	: 29JE0027-HO-01
Kind of EUT	: Testing Tool	Power	: AC 120V / 60Hz
Model No.	: DT0-H1500A B	Temp./Humi.	: 23deg. C. / 59%
Serial No.	: SJ0017096	Engineer	: Takumi Shimada

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

LIMIT : FCC15.207 OP
FCC15.207 AV

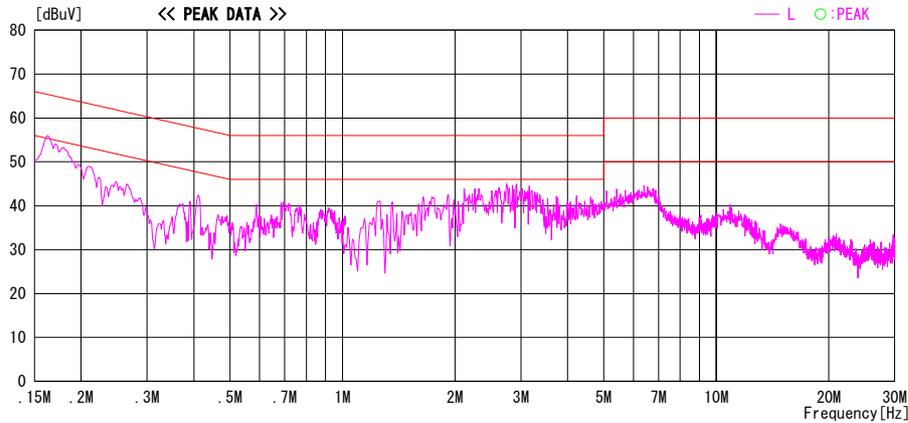
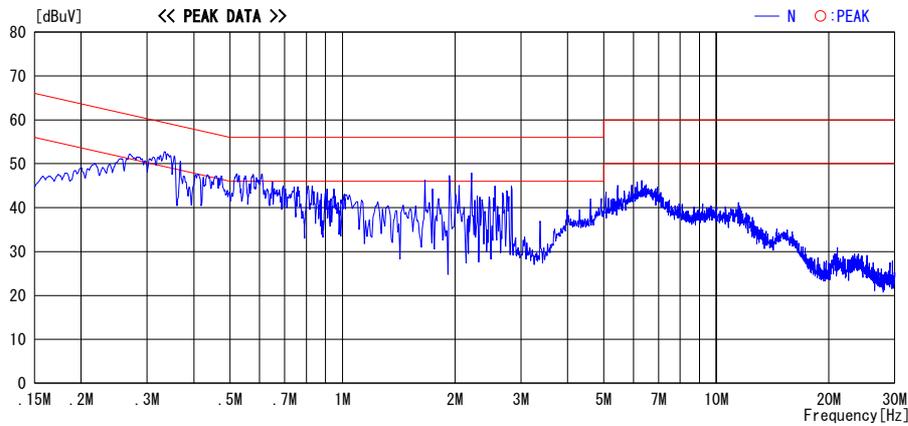


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C. F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

UL Japan, Inc.
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Conducted Emission
Tx, Ch: Mid

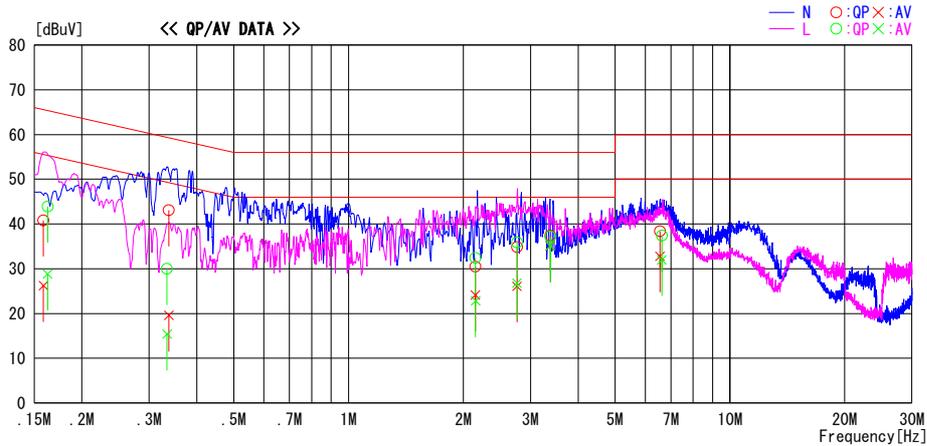
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2009/06/01

Company : Sony Computer Entertainment Inc. Report No. : 29JE0027-HO-01
Kind of EUT : Testing Tool Power : AC 120V / 60Hz
Model No. : DTO-H1500A B Temp./Humi. : 23deg.C. / 59%
Serial No. : SJ0017096 Engineer : Takumi Shimada

Mode / Remarks : WLAN 11b, 2Mbps, Tx 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]	
0.15850	40.6	26.0	0.2	40.8	26.2	65.5	55.5	24.7	29.3	N
0.33783	42.8	19.3	0.3	43.1	19.6	59.3	49.3	16.2	29.7	N
2.14994	30.1	23.7	0.4	30.5	24.1	56.0	46.0	25.5	21.9	N
2.76553	34.3	25.6	0.5	34.8	26.1	56.0	46.0	21.2	19.9	N
3.37866	36.9	34.6	0.5	37.4	35.1	56.0	46.0	18.6	10.9	N
6.55540	37.6	32.0	0.8	38.4	32.8	60.0	50.0	21.6	17.2	N
0.16270	43.7	28.6	0.2	43.9	28.8	65.3	55.3	21.4	26.5	L
0.33421	29.7	15.1	0.3	30.0	15.4	59.3	49.3	29.3	33.9	L
2.15240	32.0	22.4	0.4	32.4	22.8	56.0	46.0	23.6	23.2	L
2.76436	35.4	26.3	0.5	35.9	26.8	56.0	46.0	20.1	19.2	L
3.37886	36.7	34.6	0.5	37.2	35.1	56.0	46.0	18.8	10.9	L
6.62318	36.5	31.1	0.9	37.4	32.0	60.0	50.0	22.6	18.0	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

Tx, Ch: High

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
 Date : 2009/06/01

Company	: Sony Computer Entertainment Inc.	Report No.	: 29JE0027-HO-01
Kind of EUT	: Testing Tool	Power	: AC 120V / 60Hz
Model No.	: DTO-H1500A B	Temp./Humi.	: 23deg. C. / 59%
Serial No.	: SJ0017096	Engineer	: Takumi Shimada

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

LIMIT : FCC15.207 QP
 FCC15.207 AV

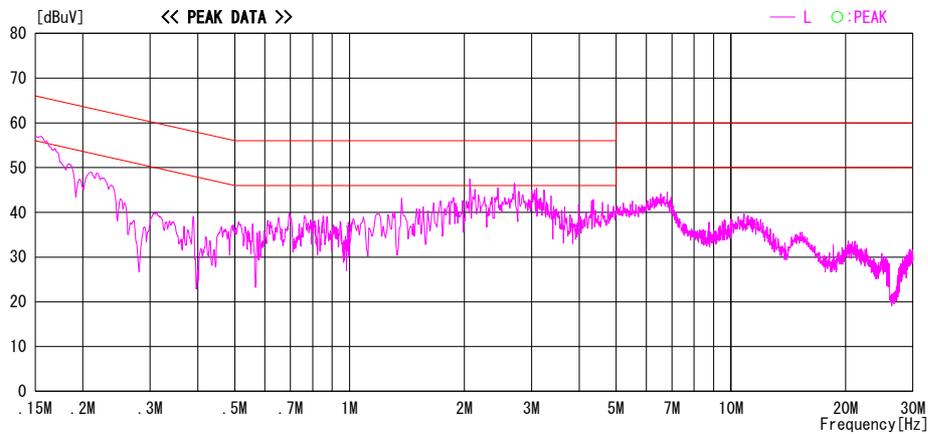
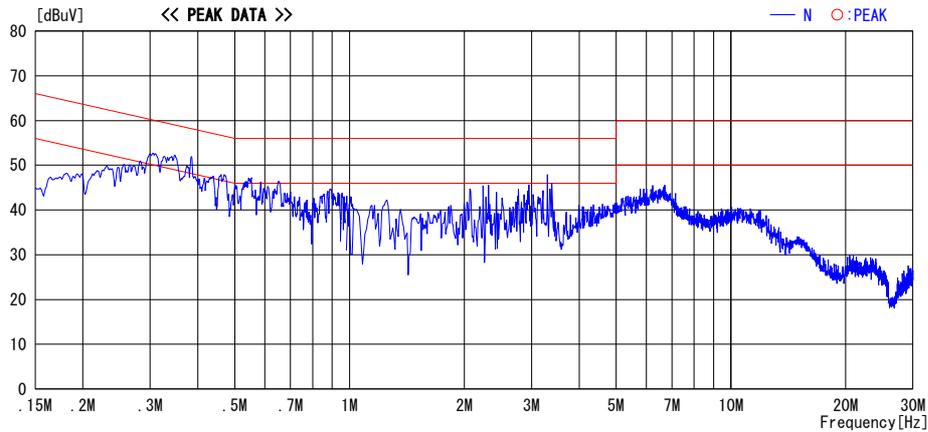


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

UL Japan, Inc.
Head Office EMC Lab.
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Conducted Emission
Rx, Ch: Mid

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2009/06/01

Company	: Sony Computer Entertainment Inc.	Report No.	: 29JE0027-HO-01
Kind of EUT	: Testing Tool	Power	: AC 120V / 60Hz
Model No.	: DTO-H1500A B	Temp./Humi.	: 23deg. C. / 59%
Serial No.	: SJ0017096	Engineer	: Takumi Shimada

Mode / Remarks : WLAN 11b, Rx 2437MHz

LIMIT : FCC15.207 QP
FCC15.207 AV

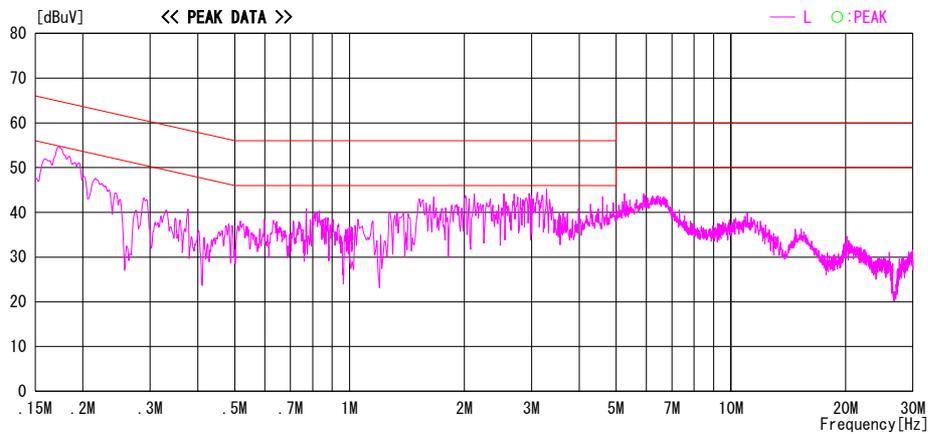
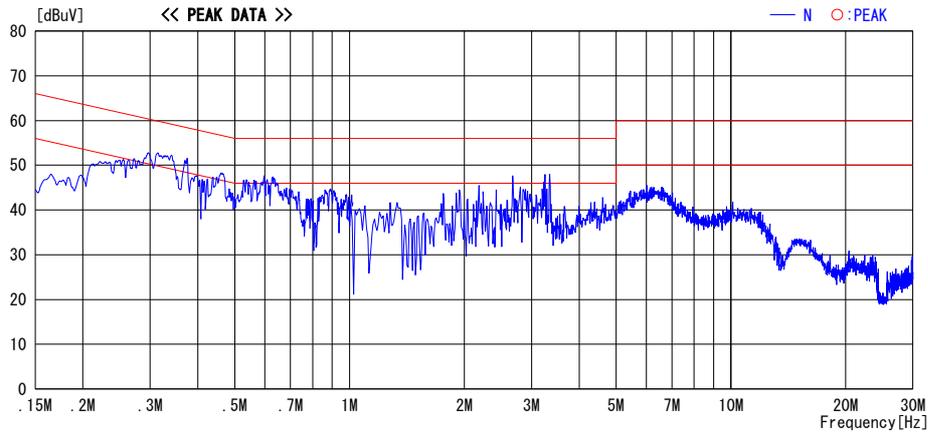


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV]=READING [dBuV]+C. F [dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

6dB Bandwidth

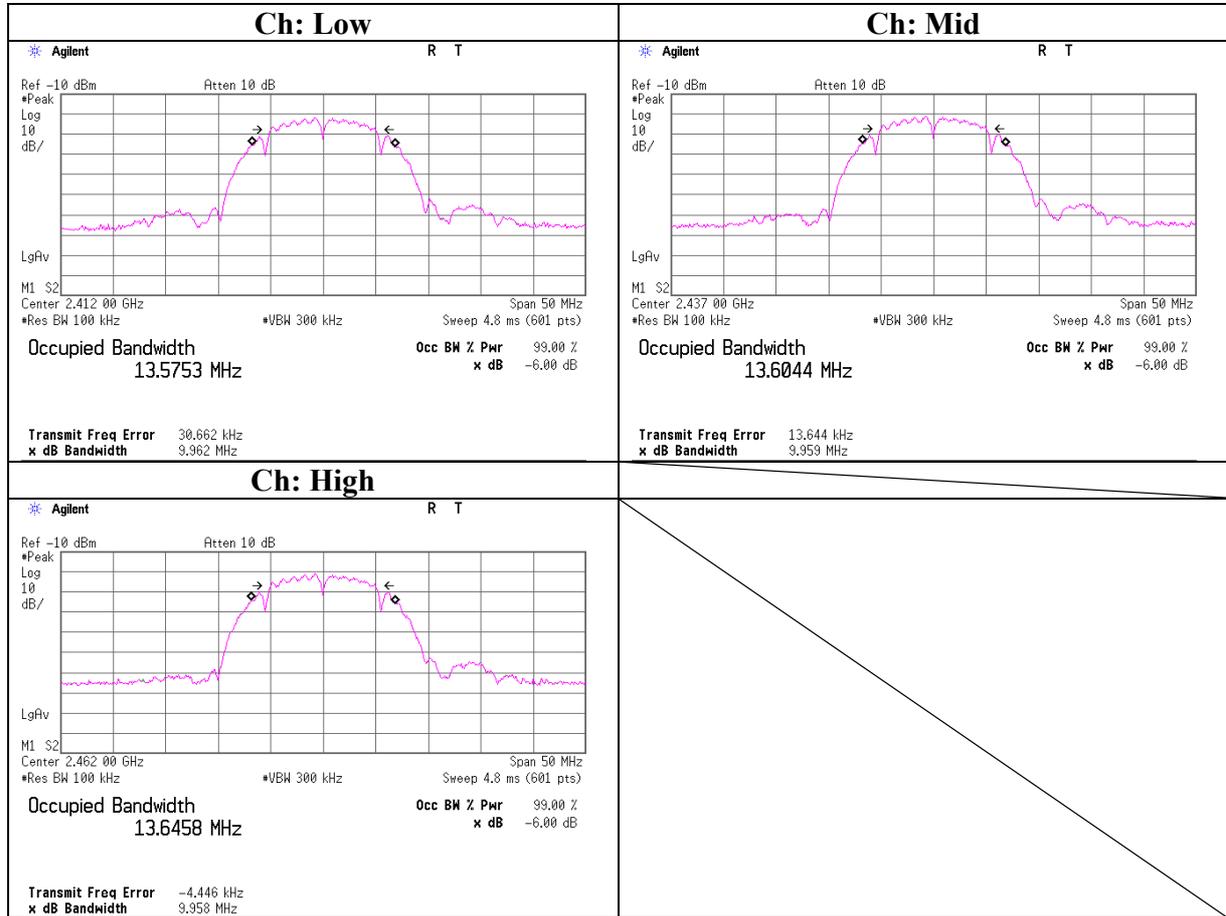
UL Japan, Inc.
Head Office EMC Lab. No.6 Measurement Room

Company : Sony Computer Entertainment Inc.
Equipment : Testing Tool
Model No. : DTP-H1500A B
Serial No. : SJ0016666
Power : AC120V/60Hz
Mode : 11b Tx (Ch L, M, H) 2Mbps(Worst)

Test Report No : 29JE0027-HO-01
Regulation : FCC15.247(a)(2)/RSS-210A8.2(a)
Test distance : -
Date : 05/21/2009
Temperature : 24°C
Humidity : 56%
Engineer : Takayuki Shimada

Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2412.0	9.962	>500
Mid	2437.0	9.959	>500
High	2462.0	9.958	>500

6dB Bandwidth



Maximum Peak Output Power

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

Company	: Sony Computer Entertainment Inc.	Test Report No.	: 29JE0027-HO-01
Equipment	: Testing Tool	Regulation	: FCC15.247(b)(3)/RSS-210A8.4(4)
Model No.	: DTP-H1500A B	Test distance	: -
Serial No.	: SJ0016666	Date	: 05/13/2009
Power	: AC120V/60Hz	Temperature	: 24deg.C.
Mode	: IEEE802.11b Tx (Ch L, M, H)	Humidity	: 39%
		Engineer	: Takumi Shimada

IEEE802.11b 2.0Mbps(worst)

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2412.0	-7.67	1.10	9.98	3.41	2.19	30.00	1000	26.59
Mid	2437.0	-7.51	1.10	9.98	3.57	2.28	30.00	1000	26.43
High	2462.0	-7.36	1.10	9.98	3.72	2.36	30.00	1000	26.28

Rate Check

IEEE802.11b

Rate [Mbps]	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
1.0	2437.0	-7.57	1.10	9.98	3.51	2.24	30.00	1000	26.49
2.0	2437.0	-7.51	1.10	9.98	3.57	2.28	30.00	1000	26.43
5.5	2437.0	-8.63	1.10	9.98	2.45	1.76	30.00	1000	27.55
11	2437.0	-7.92	1.10	9.98	3.16	2.07	30.00	1000	26.84

Sample Calculation:

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

*Compared to the original test report 29AE0044-HO-01-C, difference in Maximum Peak Output Power is within +/- 0.5dB.

UL Japan, Inc.

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

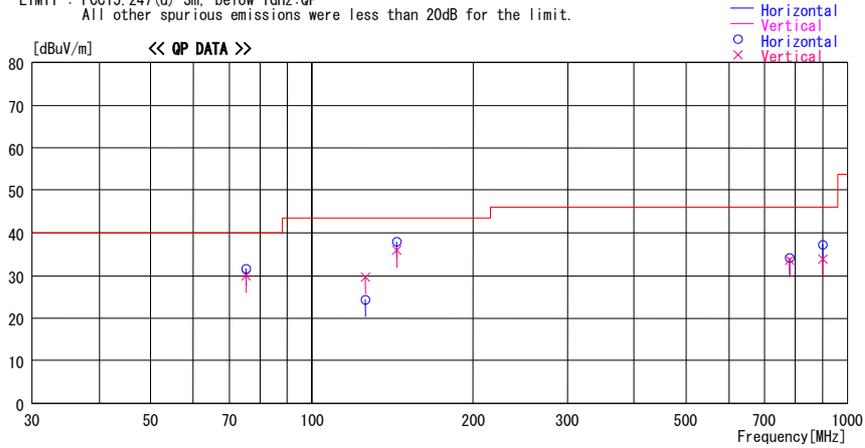
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 3 Semi Anechoic Chamber
Date : 2009/05/15

Company : Sony Computer Entertainment Inc. Report No. : 29JE0027-HO-01
Kind of EUT : Testing Tool Power : AC 120V / 60Hz
Model No. : DTP-H1500A B Temp./Humi. : 25deg. C / 38%
Serial No. : SJ0017096 Engineer : Takumi Shimada

Mode / Remarks : WLAN 11b, 2Mbps, Tx 2412MHz, Worst-Axis (H:Ant_90deg., V:Ant_180deg.)

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



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
75.525	48.1	QP	6.2	-24.3	30.0	289	100	Vert.	40.0	10.0	
75.525	49.7	QP	6.2	-24.3	31.6	289	258	Hori.	40.0	8.4	
125.873	34.7	QP	13.4	-23.7	24.4	202	149	Hori.	43.5	19.1	
125.875	40.0	QP	13.4	-23.7	29.7	273	100	Vert.	43.5	13.8	
144.000	45.2	QP	14.2	-23.5	35.9	48	100	Vert.	43.5	7.6	
144.001	47.2	QP	14.2	-23.5	37.9	288	131	Hori.	43.5	5.6	
780.421	31.0	QP	21.4	-18.8	33.6	142	131	Vert.	46.0	12.4	
780.421	31.5	QP	21.4	-18.8	34.1	311	100	Hori.	46.0	11.9	
900.000	32.9	QP	22.0	-17.7	37.2	353	152	Hori.	46.0	8.8	
900.000	29.6	QP	22.0	-17.7	33.9	19	100	Vert.	46.0	12.1	

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

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

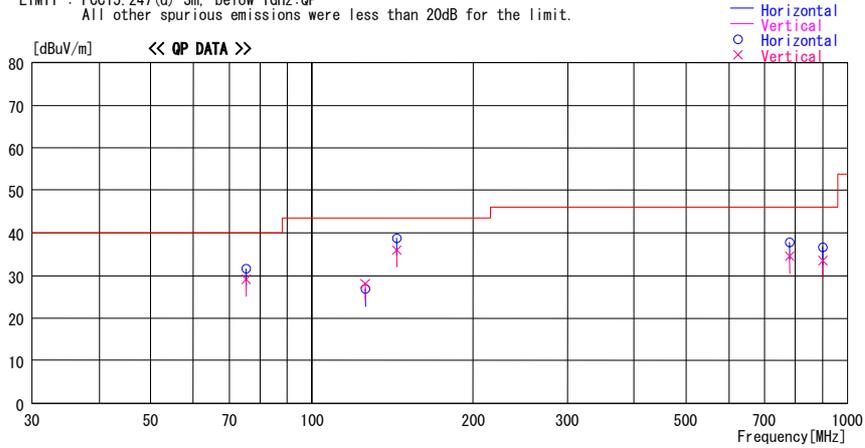
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 3 Semi Anechoic Chamber
Date : 2009/05/15

Company : Sony Computer Entertainment Inc. Report No. : 29JE0027-HO-01
Kind of EUT : Testing Tool Power : AC 120V / 60Hz
Model No. : DTP-H1500A B Temp./Humi. : 25deg. C / 38%
Serial No. : SJ0017096 Engineer : Takumi Shimada

Mode / Remarks : WLAN 11b, 2Mbps, Tx 2437MHz, Worst-Axis (H:Ant_90deg., V:Ant_180deg.)

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



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss & Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
75.525	47.2	QP	6.2	-24.3	29.1	286	100	Vert.	40.0	10.9	
75.525	49.7	QP	6.2	-24.3	31.6	283	252	Hori.	40.0	8.4	
125.874	37.1	QP	13.4	-23.7	26.8	212	158	Hori.	43.5	16.7	
125.874	38.4	QP	13.4	-23.7	28.1	297	100	Vert.	43.5	15.4	
144.000	45.3	QP	14.2	-23.5	36.0	49	100	Vert.	43.5	7.5	
144.000	48.0	QP	14.2	-23.5	38.7	287	126	Hori.	43.5	4.8	
780.421	31.9	QP	21.4	-18.8	34.5	144	129	Vert.	46.0	11.5	
780.421	35.2	QP	21.4	-18.8	37.8	310	100	Hori.	46.0	8.2	
900.000	32.3	QP	22.0	-17.7	36.6	352	145	Hori.	46.0	9.4	
900.000	29.2	QP	22.0	-17.7	33.5	17	100	Vert.	46.0	12.5	

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

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

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

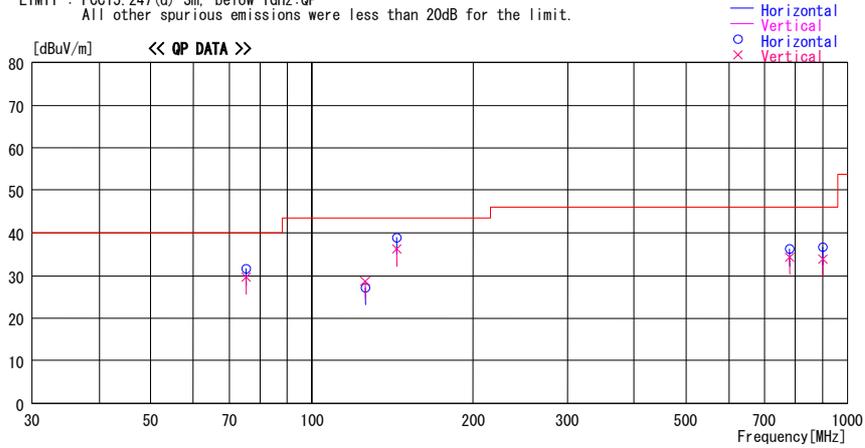
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/05/15

Company : Sony Computer Entertainment Inc. Report No. : 29JE0027-HO-01
Kind of EUT : Testing Tool Power : AC 120V / 60Hz
Model No. : DTP-H1500A B Temp./Humi. : 25deg.C / 38%
Serial No. : SJ0017096 Engineer : Takumi Shimada

Mode / Remarks : WLAN 11b, 2Mbps, Tx 2462MHz, Worst-Axis (H:Ant_90deg., V:Ant_180deg.)

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



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
75.525	47.7	QP	6.2	-24.3	29.6	280	100	Vert.	40.0	10.4	
75.525	49.7	QP	6.2	-24.3	31.6	287	258	Hori.	40.0	8.4	
125.873	37.5	QP	13.4	-23.7	27.2	204	166	Hori.	43.5	16.3	
125.874	39.0	QP	13.4	-23.7	28.7	269	100	Vert.	43.5	14.8	
144.000	45.5	QP	14.2	-23.5	36.2	46	100	Vert.	43.5	7.3	
144.001	48.2	QP	14.2	-23.5	38.9	285	120	Hori.	43.5	4.6	
780.421	31.7	QP	21.4	-18.8	34.3	141	133	Vert.	46.0	11.7	
780.421	33.6	QP	21.4	-18.8	36.2	317	100	Hori.	46.0	9.8	
900.000	32.3	QP	22.0	-17.7	36.6	353	150	Hori.	46.0	9.4	
900.000	29.6	QP	22.0	-17.7	33.9	10	142	Vert.	46.0	12.1	

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

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

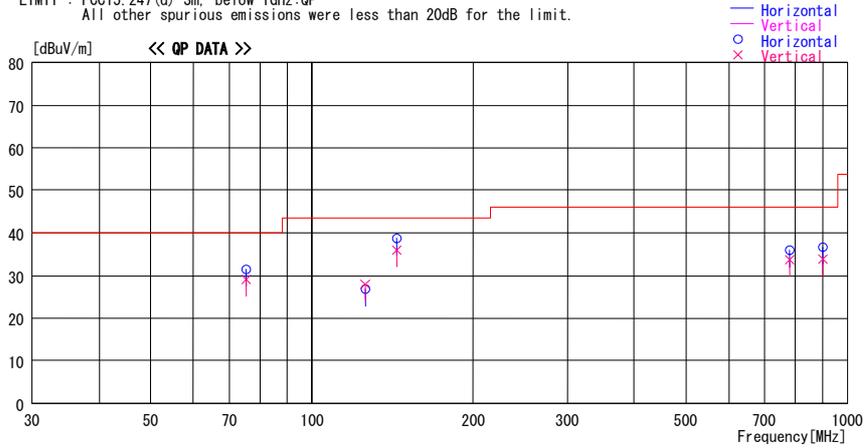
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 3 Semi Anechoic Chamber
Date : 2009/05/15

Company : Sony Computer Entertainment Inc. Report No. : 29JE0027-HO-01
Kind of EUT : Testing Tool Power : AC 120V / 60Hz
Model No. : DTP-H1500A B Temp./Humi. : 25deg. C / 38%
Serial No. : SJ0017096 Engineer : Takumi Shimada

Mode / Remarks : WLAN 11b, Rx 2437MHz, Worst-Axis (H:Ant_90deg., V:Ant_180deg.)

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



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
75.525	47.2	QP	6.2	-24.3	29.1	286	100	Vert.	40.0	10.9	
75.525	49.6	QP	6.2	-24.3	31.5	281	246	Hori.	40.0	8.5	
125.874	37.1	QP	13.4	-23.7	26.8	211	157	Hori.	43.5	16.7	
125.874	38.3	QP	13.4	-23.7	28.0	310	100	Vert.	43.5	15.5	
144.000	45.3	QP	14.2	-23.5	36.0	39	100	Vert.	43.5	7.5	
144.000	48.1	QP	14.2	-23.5	38.8	287	130	Hori.	43.5	4.7	
780.421	31.1	QP	21.4	-18.8	33.7	145	130	Vert.	46.0	12.3	
780.421	33.3	QP	21.4	-18.8	35.9	313	100	Hori.	46.0	10.1	
900.000	32.4	QP	22.0	-17.7	36.7	355	151	Hori.	46.0	9.3	
900.000	29.6	QP	22.0	-17.7	33.9	15	152	Vert.	46.0	12.1	

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

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

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

Company	: Sony Computer Entertainment Inc.	REPORT NO	: 29JE0027-HO-01
Equipment	: Testing Tool	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: DTP-H1500A B	TEST DISTANCE	: 3m
Sample No.	: SJ0017096	DATE	: 05/14/2009
Power	: AC 120 V / 60 Hz	TEMPERATURE	: 23deg.C
Mode	: WLAN 11b 2437MHz	HUMIDITY	: 37%
Potision	: ANT(Hor: 90deg., Ver: 180deg.)	ENGINEER	: Takumi Shimada

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

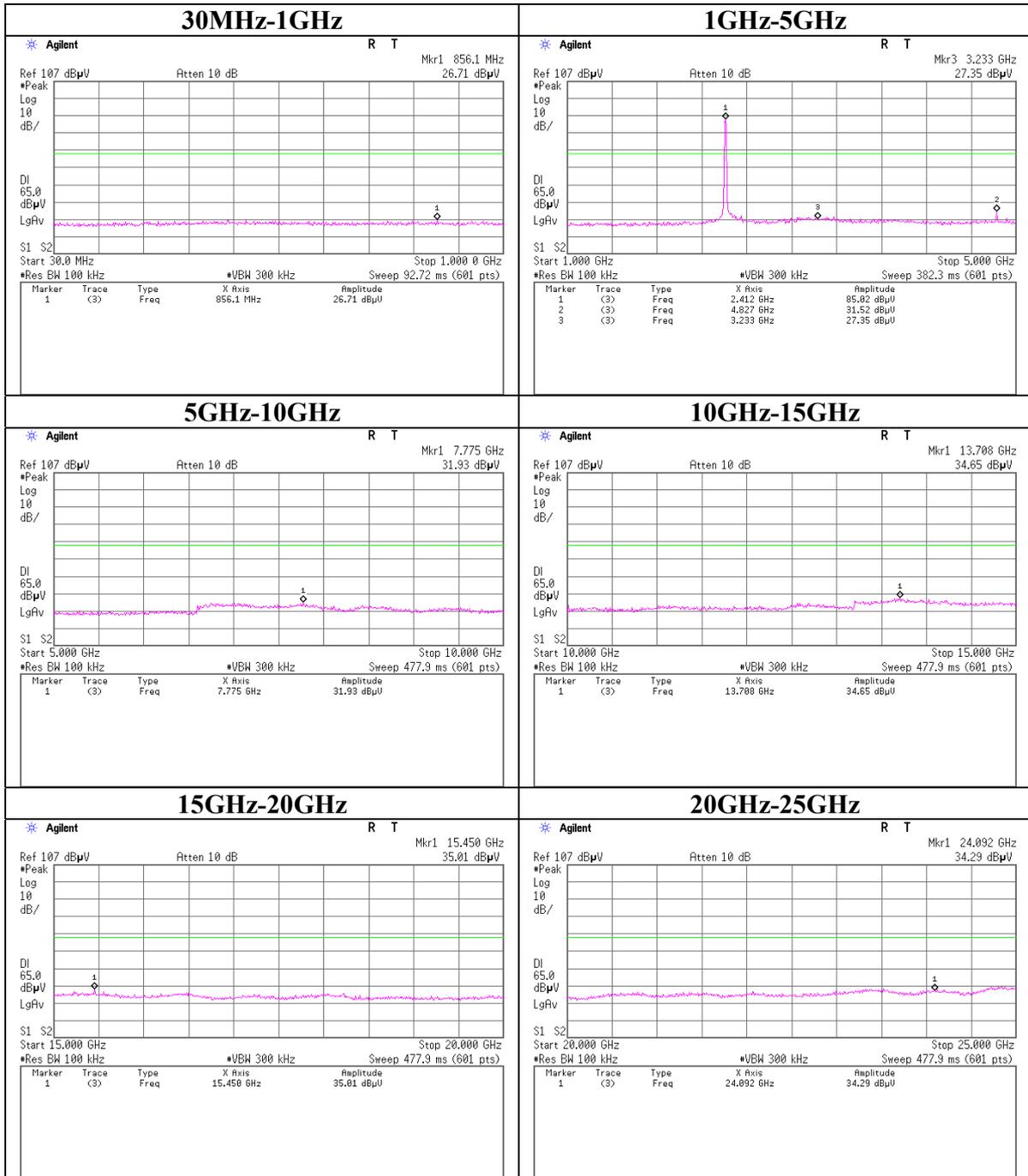
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR [dBuV]	VER					HOR [dBuV/m]	VER		HOR [dB]	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1368.0	49.4	49.4	25.2	33.9	2.2	0.0	42.9	42.9	73.9	31.0	31.0
2	1908.1	49.7	47.1	26.7	32.7	2.5	0.0	46.2	43.6	73.9	27.7	30.3
3	2437.0	42.6	42.7	27.2	32.3	2.8	0.0	40.3	40.4	73.9	33.6	33.5

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

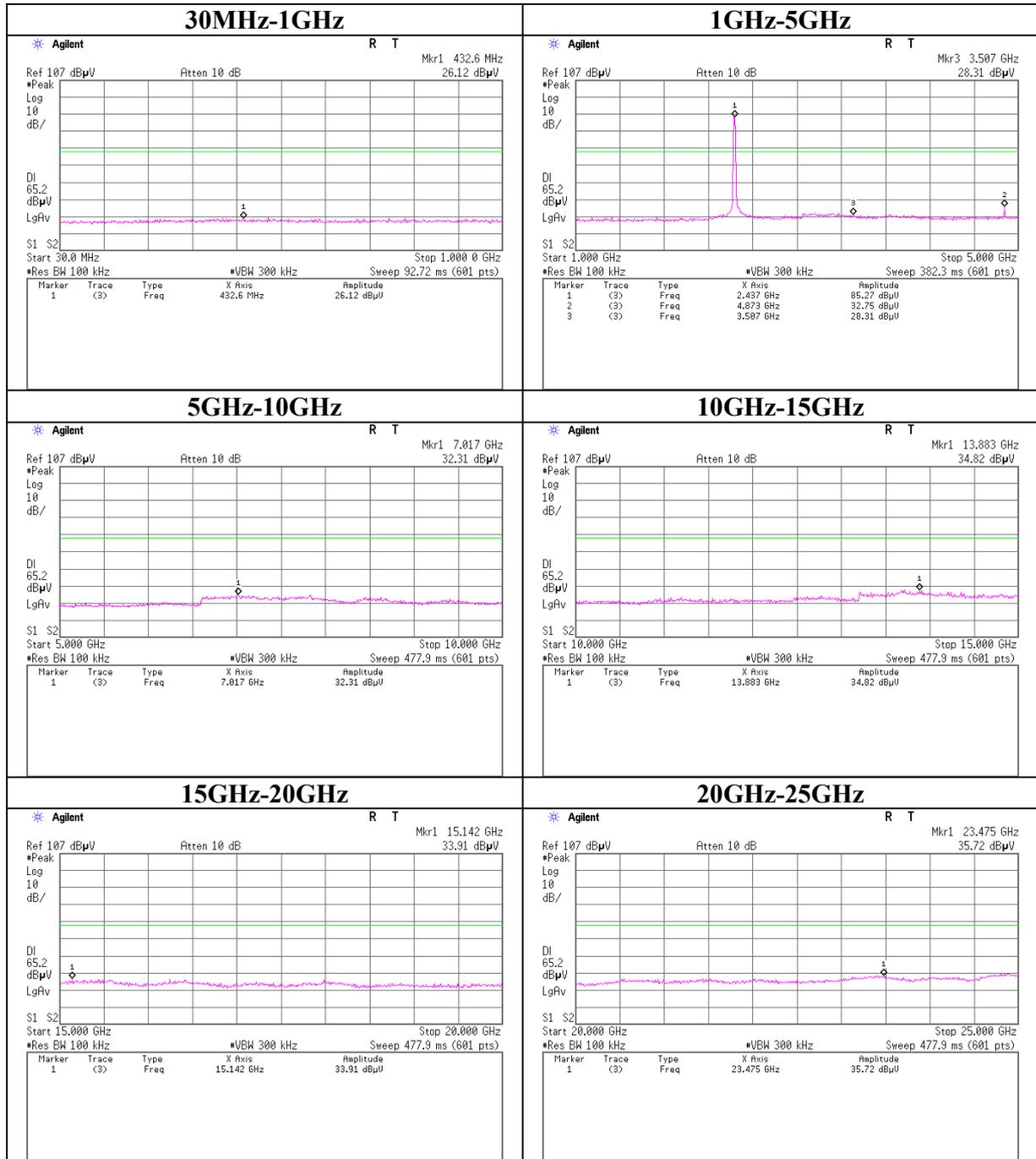
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER					HOR [dBuV/m]	VER		HOR [dB]	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1368.0	42.2	41.2	25.2	33.9	2.2	0.0	35.7	34.7	53.9	18.2	19.2
2	1908.1	43.9	39.7	26.7	32.7	2.5	0.0	40.4	36.2	53.9	13.5	17.7
3	2437.0	28.6	28.5	27.2	32.3	2.8	0.0	26.3	26.2	53.9	27.6	27.7

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

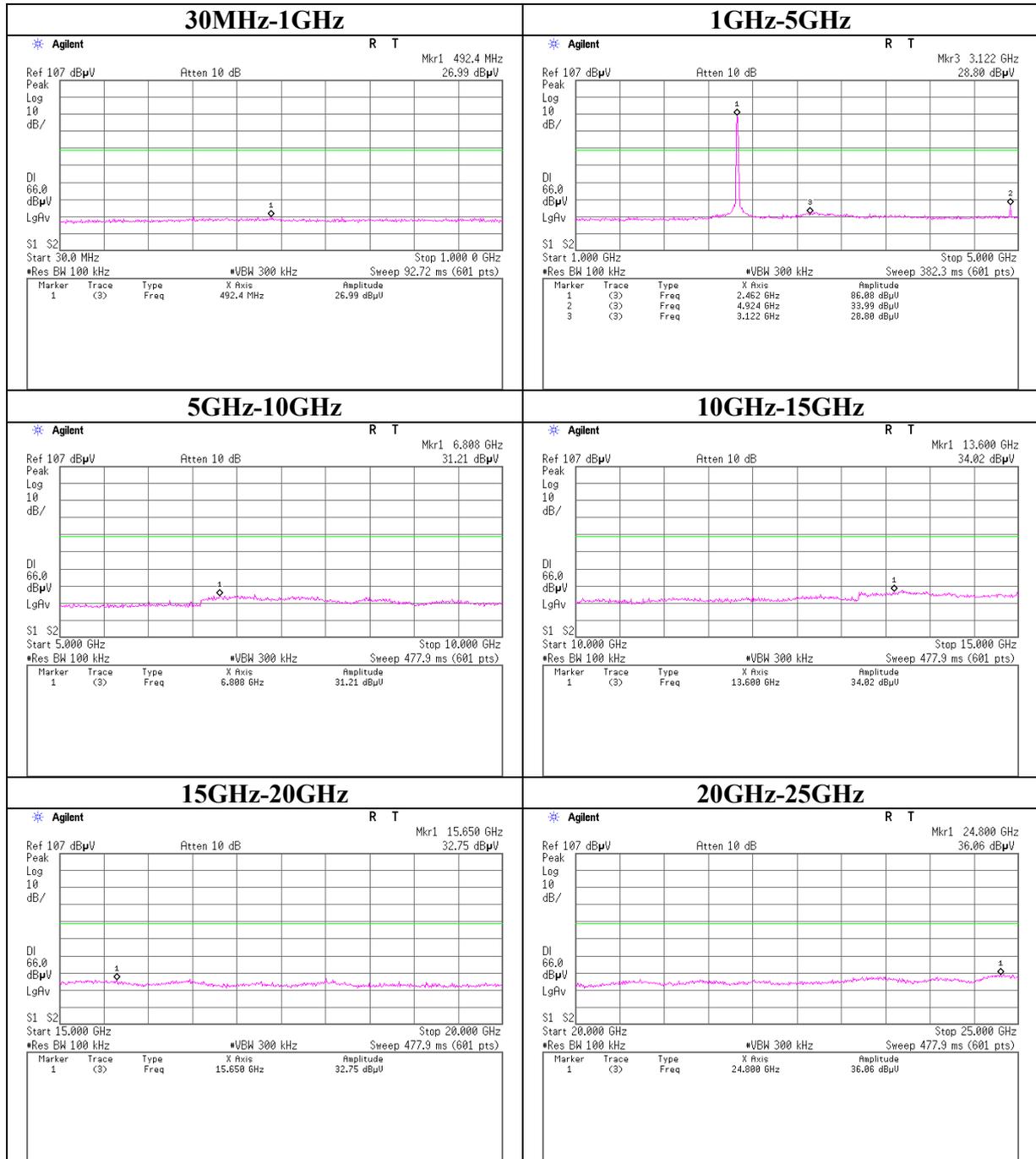
Conducted Spurious Emission
Tx, Ch: Low



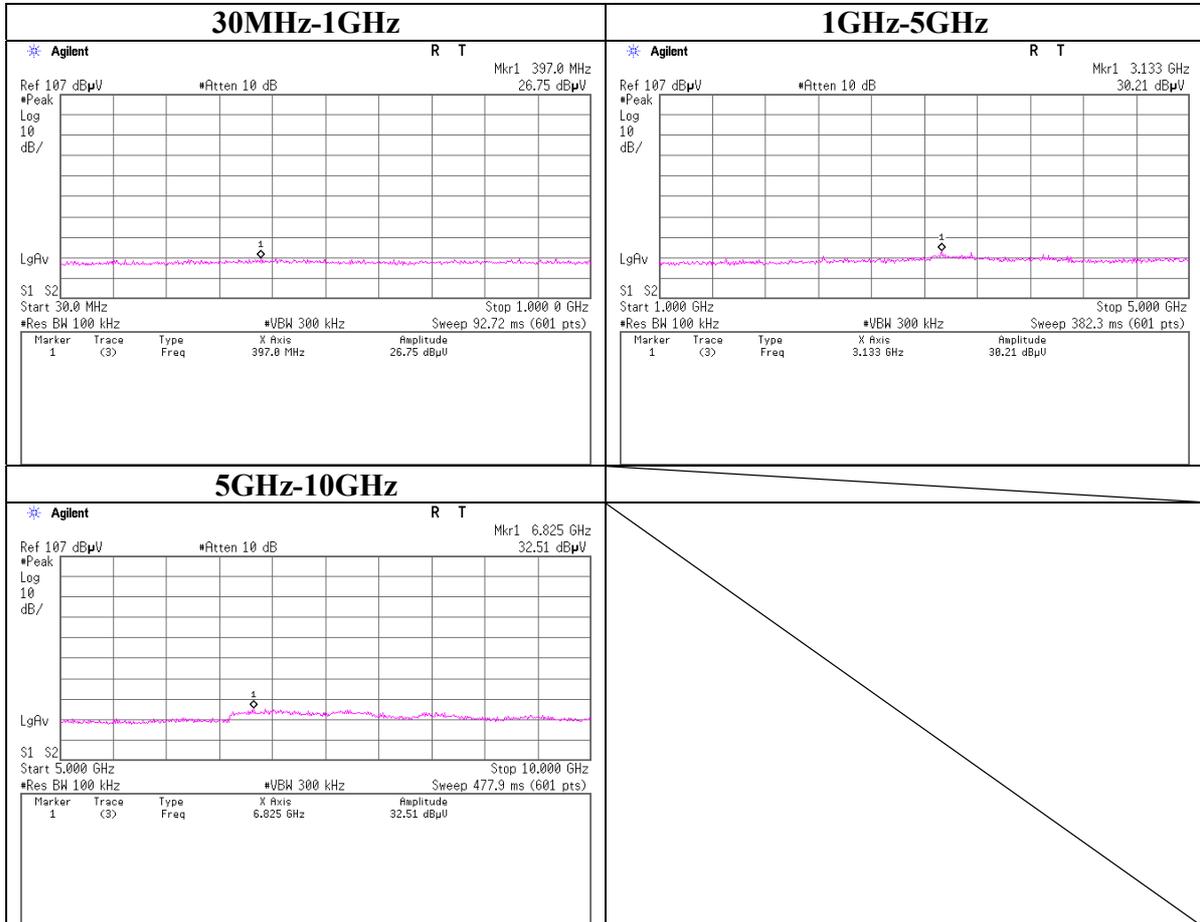
Conducted Spurious Emission
Tx, Ch: Mid



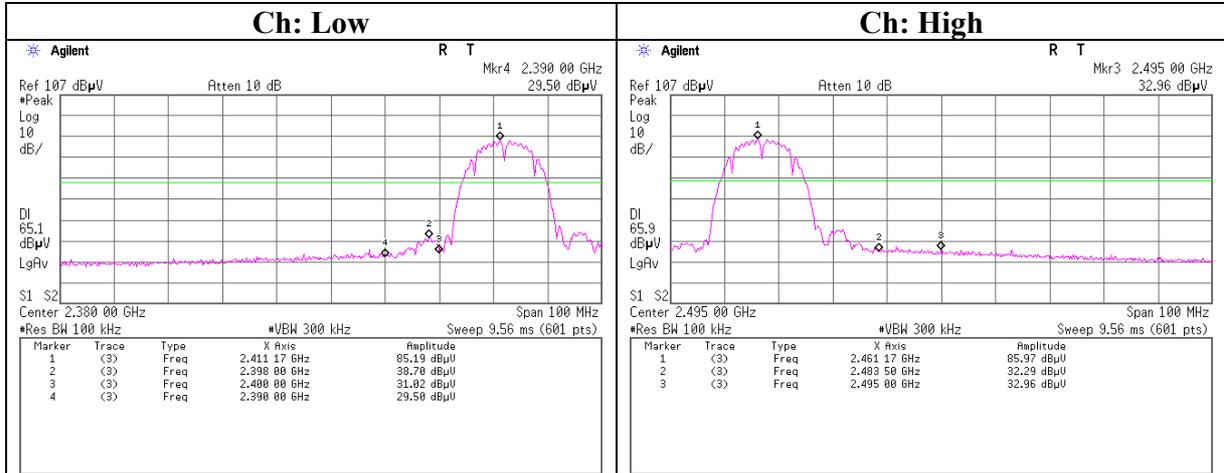
Conducted Spurious Emission
Tx, Ch: High



Conducted Spurious Emission
Rx, Ch: Mid



Conducted emission Band Edge compliance



Power Density

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

Company	: Sony Computer Entertainment Inc.	Test Report No.	: 29JE0027-HO-01
Equipment	: Testing Tool	Regulation	: FCC15.247(e)/RSS-210A8.2(b)
Model No.	: DTP-H1500A B	Test distance	: -
Serial No.	: SJ0016666	Date	: 05/21/2009
Power	: AC120V/60Hz	Temperature	: 24°C
Mode	: 11b Tx (Ch L, M, H) 2Mbps(Worst)	Humidity	: 56%
		Engineer	: Takayuki Shimada

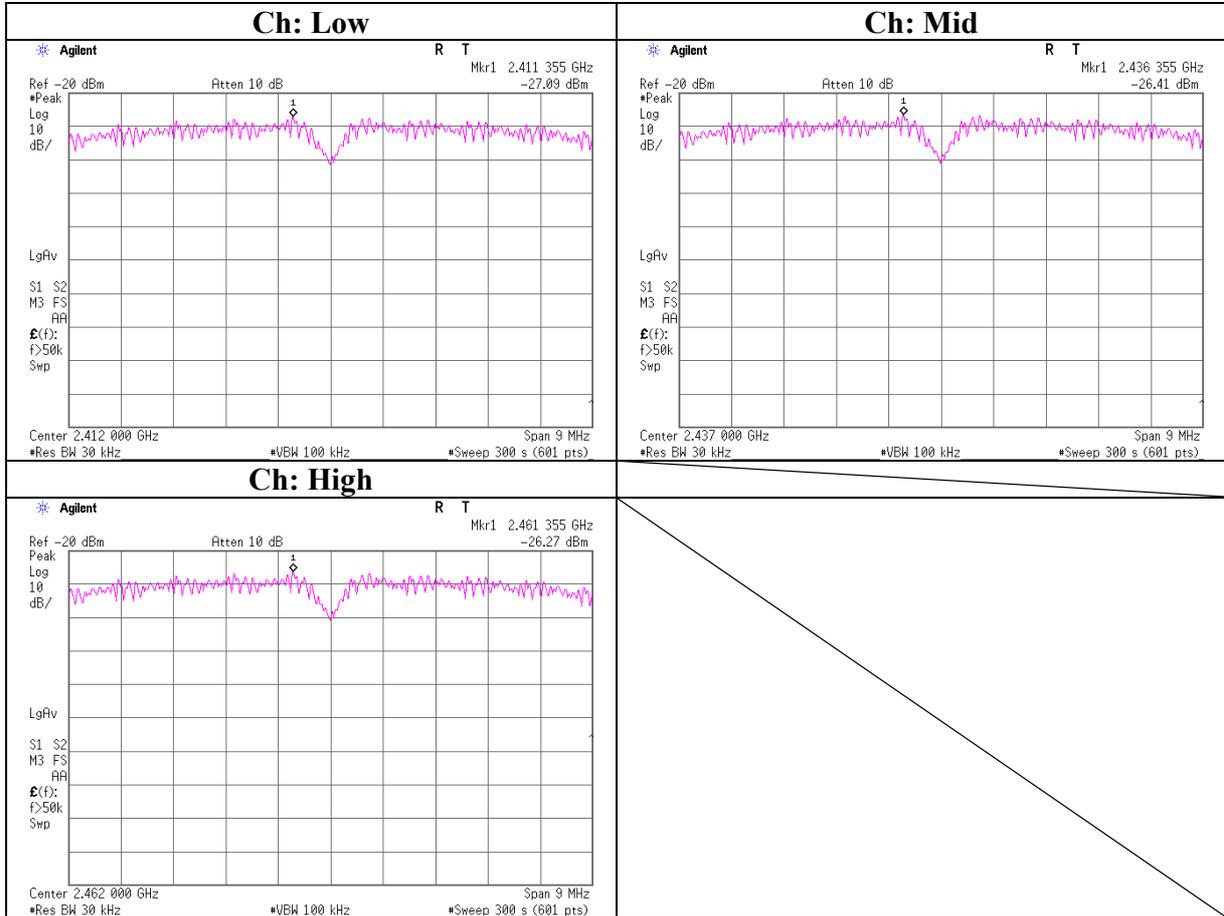
[IEEE802.11b]

Ch	Freq. [MHz]	Reading [dBm]	Cable [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2411.4	-27.09	1.97	9.98	-15.14	8.00	23.14
Mid	2436.4	-26.41	1.97	9.98	-14.46	8.00	22.46
High	2461.4	-26.27	1.98	9.98	-14.31	8.00	22.31

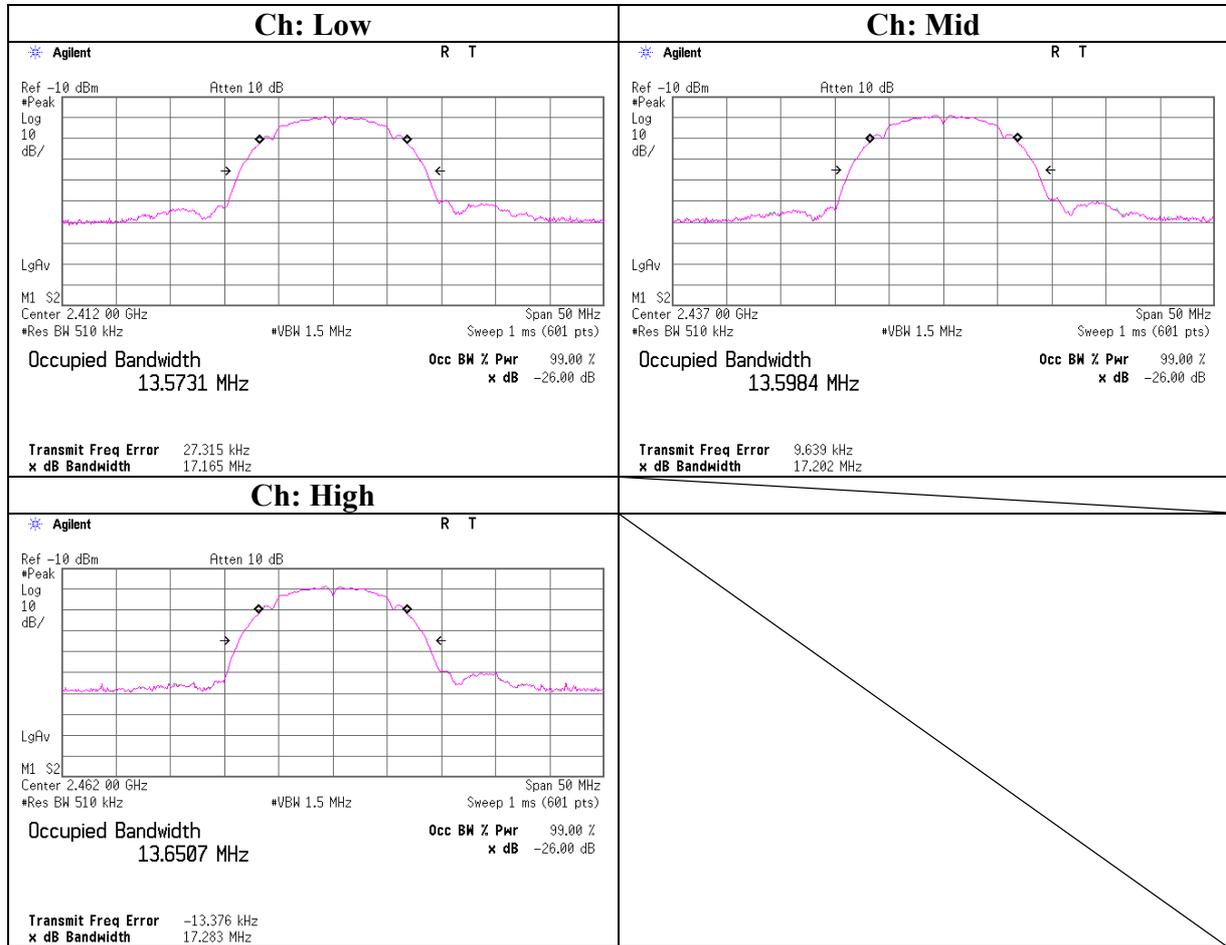
Sample Calculation:

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

Power Density



99% Occupied Bandwidth



APPENDIX 3: Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Serial No	Test Item	Calibration Date * Interval(month)
MPM-12	Power Meter	Anritsu	ML2495A	0825002	AT	2008/08/13 * 12
MPSE-17	Power sensor	Anritsu	MA2411B	0738285	AT	2008/08/13 * 12
MAT-24	Attenuator(10dB)(above1GHz)	Agilent	8493C	71389	AT	2008/06/25 * 12
MOS-04	Digital Humidity Indicator	N.T	NT-1800	MOS04	AT	2009/02/04 * 12
MAEC-03	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	RE	2009/02/02 * 12
MOS-13	Thermo-Hygrometer	Custom	CTH-180	-	RE	2009/02/06 * 12
MJM-06	Measure	PROMART	SEN1955	-	RE	-
COTS-MEMI	EMI measurement program	TSJ	TEPTO-DV	-	RE / CE	-
MSA-04	Spectrum Analyzer	Agilent	E4448A	US44300523	RE	2008/08/18 * 12
MHA-20	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	258	RE	2009/04/30 * 12
MCC-56	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	174410(1m) / 284655(5m)	RE	2009/01/07 * 12
MPA-11	MicroWave System Amplifier	Agilent	83017A	MY39500779	RE	2009/03/19 * 12
MCC-78	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	278993/4	RE	2008/12/17 * 12
MHF-19	High Pass Filter 3.5-18.0GHz	TOKIMEC	TF323DCA	602	RE	2008/12/16 * 12
MTR-08	Test Receiver	Rohde & Schwarz	ESCI	100767	RE	2008/06/12 * 12
MBA-03	Biconical Antenna	Schwarzbeck	BBA9106	1915	RE	2009/01/19 * 12
MLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	174	RE	2009/01/10 * 12
MCC-51	Coaxial cable	UL Japan	-	-	RE	2008/07/18 * 12
MAT-09	Attenuator(6dB)	Weinschel Corp	2	BK7973	RE	2008/11/14 * 12
MPA-13	Pre Amplifier	SONOMA INSTRUMENT	310	260834	RE	2009/03/18 * 12
MSA-10	Spectrum Analyzer	Agilent	E4448A	MY46180655	RE / AT	2009/02/25 * 12
MHA-16	Horn Antenna 15-40GHz	Schwarzbeck	BBHA9170	BBHA9170306	RE	2009/04/30 * 12
MAEC-04	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	CE	2009/02/03 * 12
MOS-15	Thermo-Hygrometer	Custom	CTH-180	-	CE	2009/02/06 * 12
MJM-07	Measure	PROMART	SEN1955	-	CE	-
MTR-07	Test Receiver	Rohde & Schwarz	ESCI	100635	CE	2008/10/03 * 12
MSA-05	Spectrum Analyzer	Advantest	R3273	160400285	CE	2008/06/25 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	8127363	CE(EUT)	2009/02/18 * 12
MLS-07	LISN(AMN)	Schwarzbeck	NSLK8127	8127364	CE(AE)	2009/02/18 * 12
MTA-07	Terminator	MCL	BTRM-50	1 9944	CE	2009/02/17 * 12
MCC-113	Coaxial cable	Fujikura/Suhner/TSJ	-	-	CE	2008/07/03 * 12
MCC-116	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	290221/4	AT	2008/08/04 * 12
MOS-14	Thermo-Hygrometer	Custom	CTH-180	-	AT	2009/02/04 * 12

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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

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