

**APPENDIX 2: Data of EMI test**

**Conducted Emission**  
**Tx, Ch: Low**

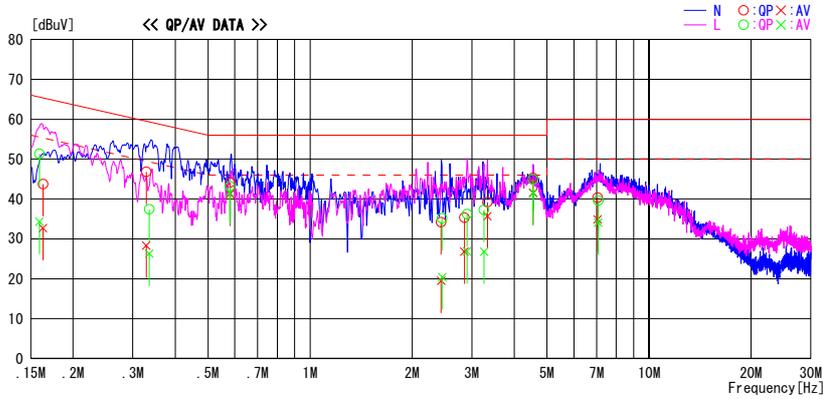
**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber  
 Date : 2008/10/16

Company : Sony Computer Entertainment Inc.      Report No. : 29AE0044-HO-01  
 Kind of EUT : Development Tool                      Power : AC120V / 60Hz  
 Model No. : DTP-T1000A B                              Temp./Humi. : 23deg. C / 53%  
 Serial No. : SJ0006904                                  Operator : Kazuya Yoshioka

Mode / Remarks : WLAN 11b Tx 2412MHz

LIMIT : FCC15.207 QP  
 FCC15.207 AV



Frequency [MHz]	Reading		Corr. Factor [dB]	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.16294	43.4	32.4	0.3	43.7	32.7	65.3	55.3	21.6	22.6	N	
0.32890	46.5	28.0	0.3	46.8	28.3	59.5	49.5	12.7	21.2	N	
0.58998	43.8	41.0	0.3	44.1	41.3	56.0	46.0	11.9	4.7	N	
2.43562	33.8	19.1	0.4	34.2	19.5	56.0	46.0	21.8	26.5	N	
2.85073	34.8	26.3	0.5	35.3	26.8	56.0	46.0	20.7	19.2	N	
3.33454	38.6	35.1	0.6	39.2	35.7	56.0	46.0	16.8	10.3	N	
4.54674	44.7	41.0	0.6	45.3	41.6	56.0	46.0	10.7	4.4	N	
7.05100	39.5	34.1	0.8	40.3	34.9	60.0	50.0	19.7	15.1	N	
0.15905	51.0	34.0	0.3	51.3	34.3	65.5	55.5	14.2	21.2	L	
0.33540	37.1	26.0	0.3	37.4	26.3	59.3	49.3	21.9	23.0	L	
0.57970	42.9	41.3	0.3	43.2	41.6	56.0	46.0	12.8	4.4	L	
2.45309	34.8	20.0	0.4	35.2	20.4	56.0	46.0	20.8	25.6	L	
2.90124	35.7	26.4	0.5	36.2	26.9	56.0	46.0	19.8	19.1	L	
3.25956	36.7	26.2	0.6	37.3	26.8	56.0	46.0	18.7	19.2	L	
4.54730	44.3	40.8	0.6	44.9	41.4	56.0	46.0	11.1	4.6	L	
7.08130	38.8	33.3	0.8	39.6	34.1	60.0	50.0	20.4	15.9	L	

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

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

**Conducted Emission**  
**Tx, Ch: Mid**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber  
 Date : 2008/10/16

Company	: Sony Computer Entertainment Inc.	Report No.	: 29AE0044-HO-01
Kind of EUT	: Development Tool	Power	: AC120V / 60Hz
Model No.	: DTP-T1000A B	Temp./Humi.	: 23deg. C / 53%
Serial No.	: SJ0006904	Operator	: Kazuya Yoshioka

Mode / Remarks : WLAN 11b Tx 2437MHz

LIMIT : FCC15.207 QP  
 FCC15.207 AV

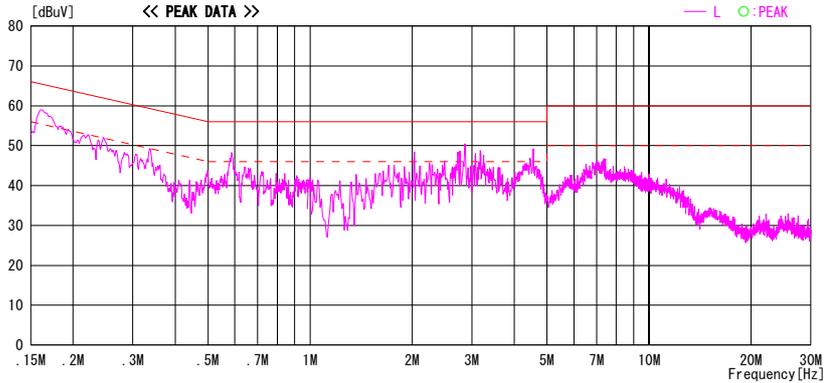
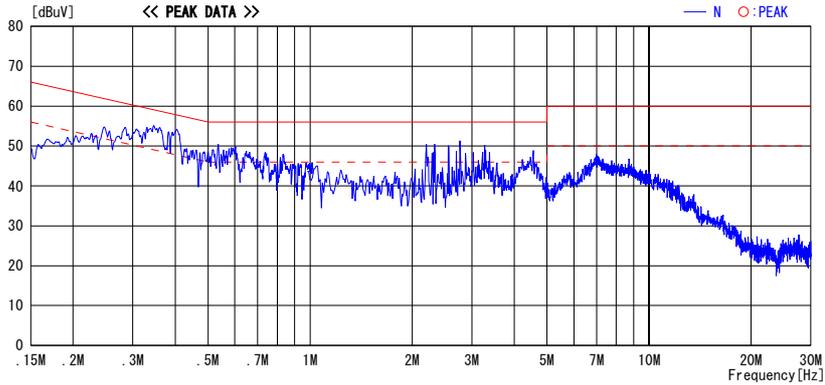


CHART: WITH FACTOR. Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F [dB] (LISN LOSS+CABLE LOSS)  
 Except for the above table: adequate margin data below the limits.

**Conducted Emission**  
**Tx, Ch: High**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber  
Date : 2008/10/16

Company : Sony Computer Entertainment Inc. Report No. : 29AE0044-HO-01  
Kind of EUT : Development Tool Power : AC120V / 60Hz  
Model No. : DTP-T1000A B Temp./Humi. : 23deg. C / 53%  
Serial No. : SJ0006904 Operator : Kazuya Yoshioka

Mode / Remarks : WLAN 11b Tx 2462MHz

LIMIT : FCC15.207 QP  
FCC15.207 AV

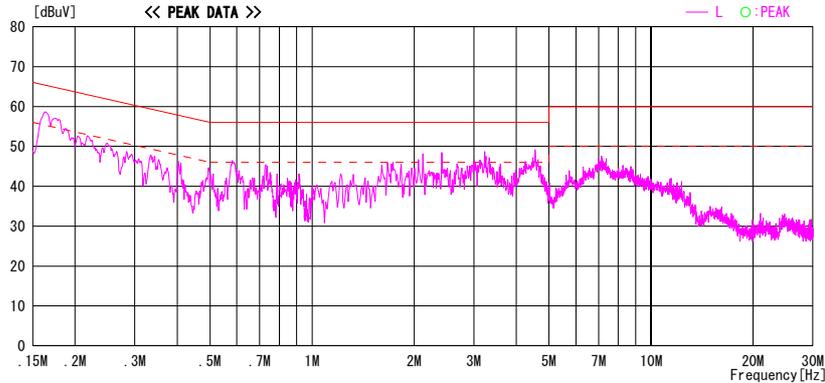
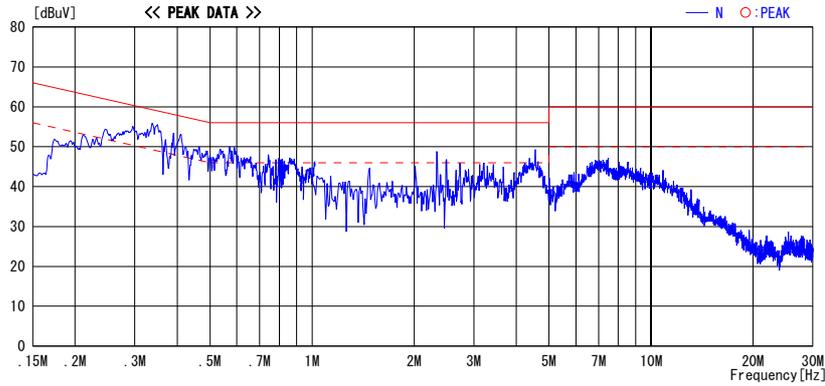


CHART WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F [dB] (LISN LOSS+CABLE LOSS)  
Except for the above table: adequate margin data below the limits.

**Conducted Emission**  
**Rx, Ch: Mid**

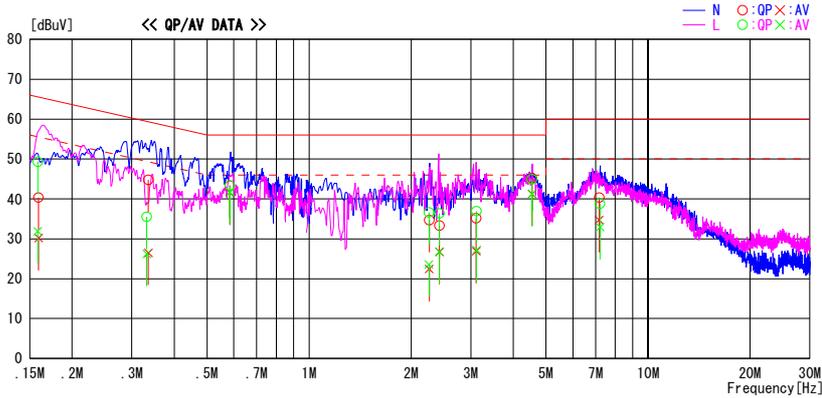
**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber  
Date : 2008/10/16

Company : Sony Computer Entertainment Inc. Report No. : 29AE0044-HO-01  
Kind of EUT : Development Tool Power : AC120V / 60Hz  
Model No. : DTP-T1000A B Temp./Humi. : 23deg. C / 53%  
Serial No. : SJ0006904 Operator : Kazuya Yoshioka

Mode / Remarks : WLAN 11b Rx 2437MHz

LIMIT : FCC15.207 QP  
FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.15924	40.1	29.9	0.3	40.4	30.2	65.5	55.5	25.1	25.3	N	
0.33590	44.5	26.2	0.3	44.8	26.5	59.3	49.3	14.5	22.8	N	
0.58383	43.0	41.3	0.3	43.3	41.6	56.0	46.0	12.7	4.5	N	
2.26290	34.3	22.0	0.4	34.7	22.4	56.0	46.0	21.3	23.6	N	
2.42410	32.9	26.3	0.4	33.3	26.7	56.0	46.0	22.7	19.3	N	
3.11264	34.7	26.4	0.5	35.2	26.9	56.0	46.0	20.8	19.1	N	
4.54850	44.6	40.7	0.6	45.2	41.3	56.0	46.0	10.8	4.7	N	
7.17593	39.5	33.9	0.9	40.3	34.7	60.0	50.0	19.7	15.3	N	
0.15835	49.0	31.6	0.3	49.3	31.9	65.6	55.6	16.3	23.7	L	
0.33220	35.2	25.9	0.3	35.5	26.2	59.4	49.4	23.9	23.2	L	
0.58445	43.1	41.4	0.3	43.4	41.7	56.0	46.0	12.6	4.3	L	
2.25740	36.2	23.2	0.4	36.6	23.6	56.0	46.0	19.4	22.4	L	
2.42340	36.0	26.4	0.4	36.4	26.8	56.0	46.0	19.6	19.2	L	
3.11701	36.4	26.7	0.5	36.9	27.2	56.0	46.0	19.1	18.8	L	
4.54653	44.3	40.6	0.6	44.9	41.2	56.0	46.0	11.1	4.8	L	
7.21562	38.0	32.1	0.8	38.8	32.9	60.0	50.0	21.2	17.1	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.

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### 6dB Bandwidth

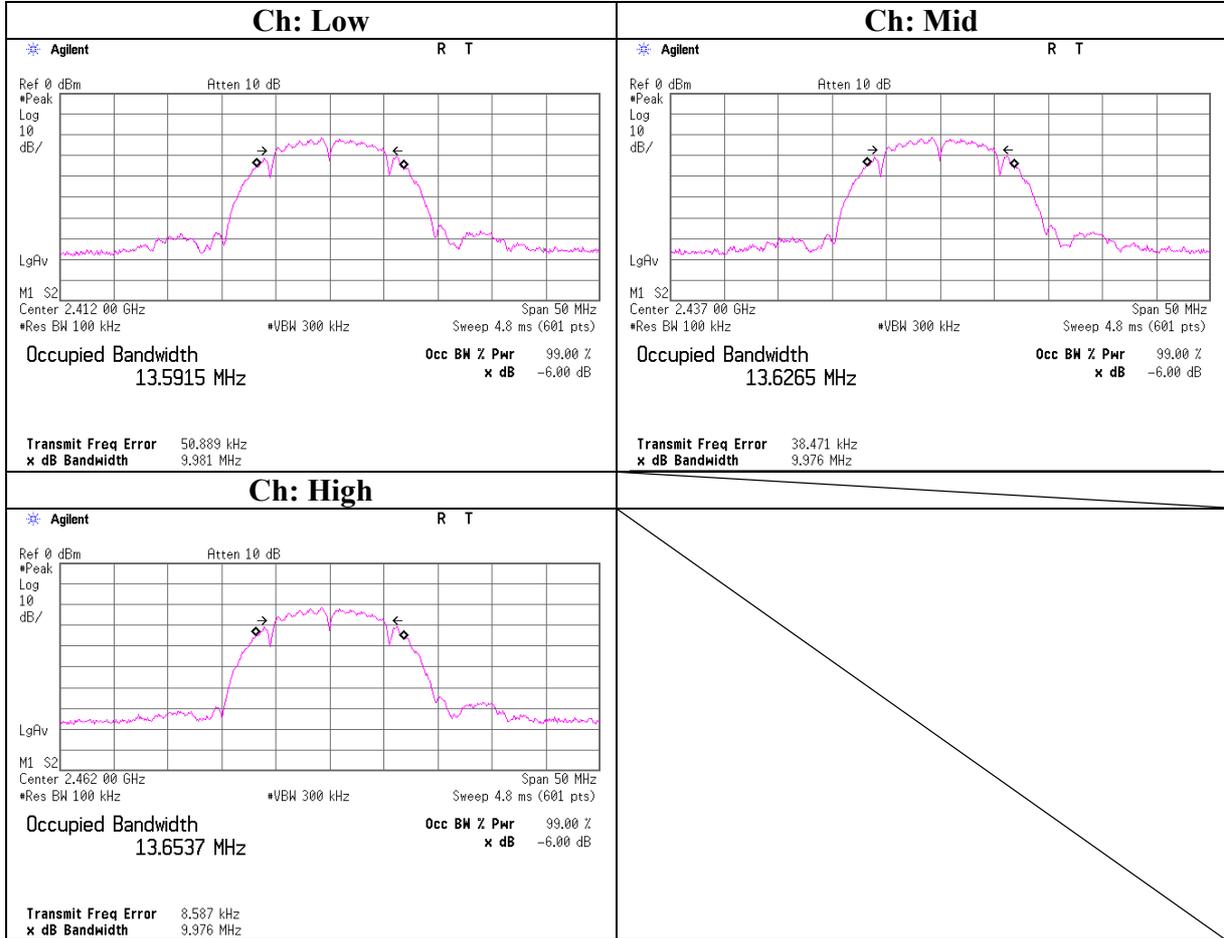
UL Japan, Inc.  
Head Office EMC Lab. No.6 Shielded Room

Company : Sony Computer Entertainment Inc.  
Equipment : Development Tool  
Model No. : DTP-T1000A B  
Serial No. : SJ0006912  
Power : AC120V/60Hz  
Mode : IEEE802.11b, 2Mbps, Tx (Ch L, M, H)

Test Report No. : 29AE0044-HO-01  
Regulation : FCC15.247(a)(2)/RSS-210A8.2(a)  
Test distance : -  
Date : 10/03/2008  
Temperature : 25°C  
Humidity : 58%  
Engineer : Takayuki Shimada

Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2412.0	9.981	>500
Mid	2437.0	9.976	>500
High	2462.0	9.976	>500

**6dB Bandwidth**



### Maximum Peak Output Power

UL Japan, Inc.  
Head Office EMC Lab. No.4 Shielded Room

Company : Sony Computer Entertainment Inc.	Test Report No. : 29AE0044-HO-01
Equipment : Development Tool	Regulation : FCC15.247(b)(3)/RSS-210A8.4(4)
Model No. : DTP-T1000A B	Test distance : -
Serial No. : SJ0006912	Date : 08/18/2008
Power : AC120V/60Hz	Temperature : 24deg.C.
Mode : IEEE802.11b Tx (Ch L, M, H)	Humidity : 62%
	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	-7.69	1.10	10.04	3.45	2.21	30.00	1000	26.55
Mid	2437.0	-7.88	1.10	10.04	3.26	2.12	30.00	1000	26.74
High	2462.0	-8.09	1.10	10.04	3.05	2.02	30.00	1000	26.95

**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	-7.99	1.10	10.04	3.15	2.07	30.00	1000	26.85
2.0	2437.0	-7.88	1.10	10.04	3.26	2.12	30.00	1000	26.74
5.5	2437.0	-8.86	1.10	10.04	2.28	1.69	30.00	1000	27.72
11	2437.0	-7.89	1.10	10.04	3.25	2.11	30.00	1000	26.75

Sample Calculation:

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

**UL Japan, Inc.**

**Head Office EMC Lab.**

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

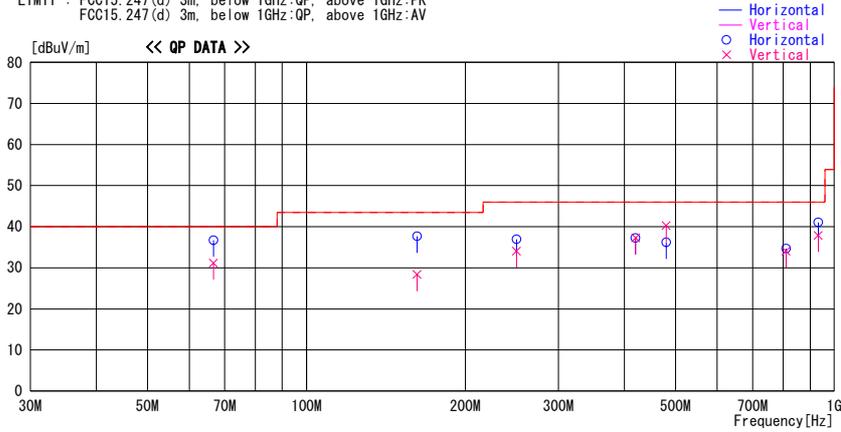
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 3 Semi Anechoic Chamber  
Date : 2008/10/16

Company : Sony Computer Entertainment Inc. Report No. : 29AE0044-HO-01  
Kind of EUT : Development Tool Power : AC 120V / 60Hz  
Model No. : DTP-T1000A B Temp./Humi. : 23deg. C. / 53%  
Serial No. : SJ0006904 Engineer : Kazuya Yoshioka

Mode / Remarks : WLAN 11b Tx 2412MHz Antenna(Hor:90deg, Ver:180deg)

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 [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Gain [dB]							
66.664	54.0	QP	7.0	-24.3	36.7	325	284	Hori.	40.0	3.3	
66.671	48.5	QP	7.0	-24.3	31.2	201	100	Vert.	40.0	8.8	
162.001	36.1	QP	15.5	-23.2	28.4	320	100	Vert.	43.5	15.1	
162.003	45.4	QP	15.5	-23.2	37.7	288	195	Hori.	43.5	5.8	
249.989	40.1	QP	16.5	-22.5	34.1	39	100	Vert.	46.0	11.9	
249.996	42.9	QP	16.5	-22.5	36.9	169	139	Hori.	46.0	9.1	
419.994	41.0	QP	17.5	-21.2	37.3	355	100	Hori.	46.0	8.7	
420.003	41.0	QP	17.5	-21.2	37.3	320	140	Vert.	46.0	8.7	
479.997	39.1	QP	17.9	-20.8	36.2	50	100	Hori.	46.0	9.8	
479.997	43.2	QP	17.9	-20.8	40.3	346	128	Vert.	46.0	5.7	
810.005	31.4	QP	21.8	-18.5	34.7	0	100	Hori.	46.0	11.3	
810.021	30.8	QP	21.8	-18.5	34.1	300	100	Vert.	46.0	11.9	
931.466	33.3	QP	21.9	-17.3	37.9	39	100	Vert.	46.0	8.1	
931.472	36.5	QP	21.9	-17.3	41.1	140	100	Hori.	46.0	4.9	

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**

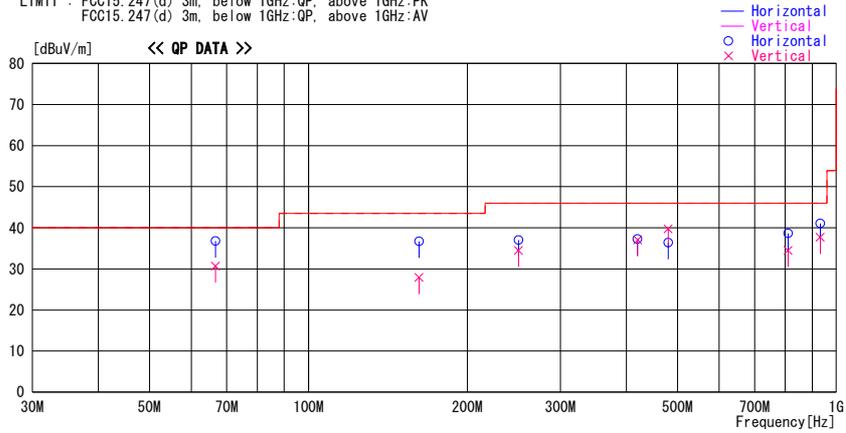
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UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber  
Date : 2008/10/16

Company : Sony Computer Entertainment Inc. Report No. : 29AE0044-HO-01  
Kind of EUT : Development Tool Power : AC 120V / 60Hz  
Model No. : DTP-T1000A B Temp./Humi. : 23deg.C. / 53%  
Serial No. : SJ0006904 Engineer : Kazuya Yoshioka

Mode / Remarks : WLAN 11b Tx 2437MHz Antenna(Hor:90deg, Ver:180deg)

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 [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss& Gain [dB]							
66.662	48.0	QP	7.0	-24.3	30.7	192	100	Vert.	40.0	9.3	
66.667	54.1	QP	7.0	-24.3	36.8	324	285	Hori.	40.0	3.2	
161.999	44.4	QP	15.5	-23.2	36.7	285	197	Hori.	43.5	6.8	
162.006	35.6	QP	15.5	-23.2	27.9	315	100	Vert.	43.5	15.6	
249.991	40.5	QP	16.5	-22.5	34.5	36	100	Vert.	46.0	11.5	
249.996	43.0	QP	16.5	-22.5	37.0	167	141	Hori.	46.0	9.0	
419.995	40.8	QP	17.5	-21.2	37.1	321	142	Vert.	46.0	8.9	
420.000	41.0	QP	17.5	-21.2	37.3	353	100	Hori.	46.0	8.7	
479.997	39.3	QP	17.9	-20.8	36.4	49	100	Hori.	46.0	9.6	
479.999	42.6	QP	17.9	-20.8	39.7	337	126	Vert.	46.0	6.3	
810.008	35.3	QP	21.8	-18.5	38.6	0	100	Hori.	46.0	7.4	
810.020	31.2	QP	21.8	-18.5	34.5	315	100	Vert.	46.0	11.5	
931.466	36.5	QP	21.9	-17.3	41.1	138	100	Hori.	46.0	4.9	
931.467	33.1	QP	21.9	-17.3	37.7	38	100	Vert.	46.0	8.3	

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

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

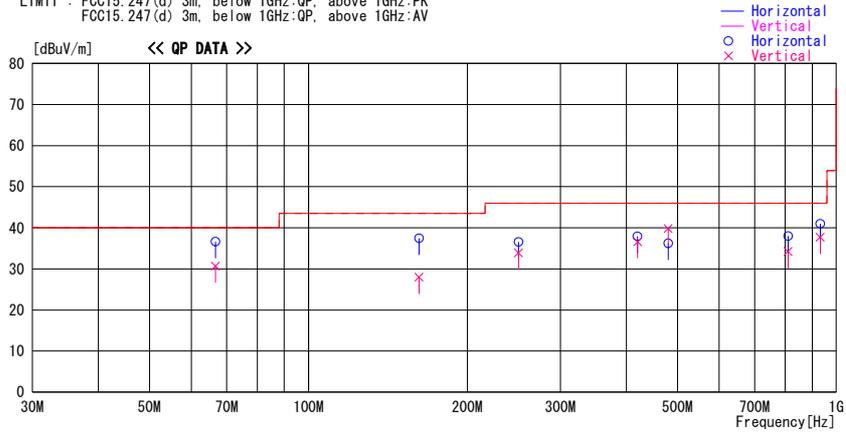
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber  
Date : 2008/10/15

Company : Sony Computer Entertainment Inc. Report No. : 29AE0044-HO-01  
Kind of EUT : Development Tool Power : AC 120V / 60Hz  
Model No. : DTP-T1000A B Temp./Humi. : 23deg.C. / 53%  
Serial No. : SJ0006904 Engineer : Kazuya Yoshioka

Mode / Remarks : WLAN 11b Tx 2462MHz Antenna(Hor:90deg, Ver:180deg)

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 [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss& Gain [dB]							
66.665	53.9	QP	7.0	-24.3	36.6	317	320	Hori.	40.0	3.4	
66.669	48.0	QP	7.0	-24.3	30.7	207	100	Vert.	40.0	9.3	
162.001	45.1	QP	15.5	-23.2	37.4	295	203	Hori.	43.5	6.1	
162.010	35.7	QP	15.5	-23.2	28.0	323	100	Vert.	43.5	15.5	
249.991	39.9	QP	16.5	-22.5	33.9	37	100	Vert.	46.0	12.1	
249.999	42.5	QP	16.5	-22.5	36.5	167	144	Hori.	46.0	9.5	
419.994	41.6	QP	17.5	-21.2	37.9	353	100	Hori.	46.0	8.1	
420.003	40.3	QP	17.5	-21.2	36.6	319	128	Vert.	46.0	9.4	
480.001	42.7	QP	17.9	-20.8	39.8	338	123	Vert.	46.0	6.2	
480.006	39.1	QP	17.9	-20.8	36.2	49	100	Hori.	46.0	9.8	
810.006	34.7	QP	21.8	-18.5	38.0	0	100	Hori.	46.0	8.0	
810.013	30.9	QP	21.8	-18.5	34.2	315	100	Vert.	46.0	11.8	
931.468	33.1	QP	21.9	-17.3	37.7	38	100	Vert.	46.0	8.3	
931.471	36.4	QP	21.9	-17.3	41.0	140	100	Hori.	46.0	5.0	

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

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

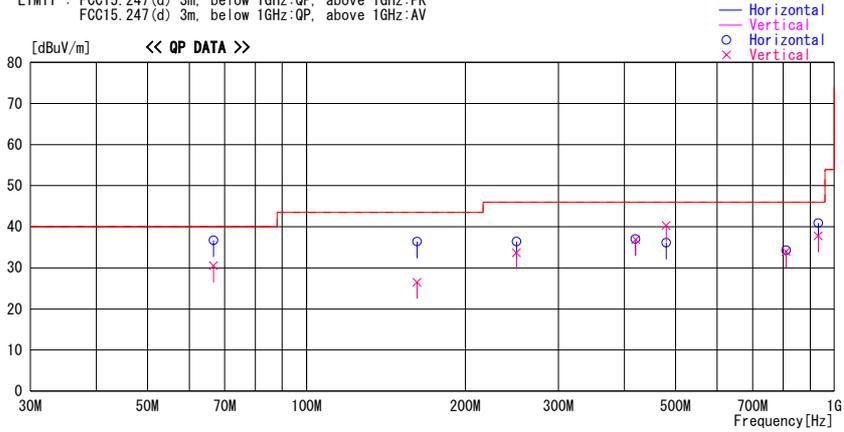
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Mode / Remarks : WLAN 11b Rx 2437MHz Antenna (Hor:90deg, Ver:180deg)

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 [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss& Gain [dB]							
66.664	54.0	QP	7.0	-24.3	36.7	336	297	Hori.	40.0	3.3	
66.673	47.8	QP	7.0	-24.3	30.5	203	100	Vert.	40.0	9.5	
161.993	44.1	QP	15.5	-23.2	36.4	294	198	Hori.	43.5	7.1	
162.003	34.2	QP	15.5	-23.2	26.5	319	100	Vert.	43.5	17.0	
249.994	42.4	QP	16.5	-22.5	36.4	165	139	Hori.	46.0	9.6	
250.003	39.7	QP	16.5	-22.5	33.7	42	100	Vert.	46.0	12.3	
420.001	40.6	QP	17.5	-21.2	36.9	316	139	Vert.	46.0	9.1	
420.002	40.7	QP	17.5	-21.2	37.0	357	100	Hori.	46.0	9.0	
479.993	43.2	QP	17.9	-20.8	40.3	347	126	Vert.	46.0	5.7	
480.002	39.0	QP	17.9	-20.8	36.1	53	100	Hori.	46.0	9.9	
810.017	31.0	QP	21.8	-18.5	34.3	0	100	Hori.	46.0	11.7	
810.020	30.7	QP	21.8	-18.5	34.0	299	100	Vert.	46.0	12.0	
931.468	36.3	QP	21.9	-17.3	40.9	139	100	Hori.	46.0	5.1	
931.469	33.2	QP	21.9	-17.3	37.8	39	100	Vert.	46.0	8.2	

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 (above 1GHz)**

**Tx, Ch: Low**

Company : Sony Computer Entertainment Inc.  
Equipment : Development Tool  
Model : DTP-T1000A B  
S/N : SJ0006904  
Power : AC 120V / 60Hz  
Mode : IEEE802.11b, Tx 2412MHz, 2Mbps  
Position : ANT(H: 90deg. V: 180deg.)

UL Japan, Inc.  
Head Office EMC Lab. No.3 Semi Anechoic Chamber  
Regulation : FCC15.247(d) / RSS-210 A8.5  
Test Distance : 3m / 1m  
Date : 10/15/2008  
Temperature : 23deg.C.  
Humidity : 53%  
Engineer : Kazuya Yoshioka

**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
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1260.00	59.3	56.6	25.0	34.6	2.1	0.0	51.8	49.1	73.9	22.1	24.8
2	1500.00	56.5	56.7	25.7	34.0	2.2	0.0	50.4	50.6	73.9	23.5	23.3
3	2243.01	59.1	58.1	26.4	32.9	2.6	0.0	55.2	54.2	73.9	18.7	19.7
4	2390.00	47.9	47.8	26.7	32.8	2.6	0.0	44.4	44.3	73.9	29.5	29.6
5	2400.00	51.5	51.0	26.7	32.8	2.6	0.0	48.0	47.5	73.9	25.9	26.4
6	4824.00	40.9	41.2	31.2	30.7	4.1	0.8	46.3	46.6	73.9	27.6	27.3
7	7236.00	41.8	41.4	35.7	31.4	4.6	0.7	51.4	51.0	73.9	22.5	22.9
8	9648.00	42.1	41.8	38.3	32.0	5.4	1.1	54.9	54.6	73.9	19.0	19.3
<b>Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
9	12060.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	14472.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	16884.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	19296.00	NS	NS	-	-	-	-	-	-	73.9	-	-
13	21708.00	NS	NS	-	-	-	-	-	-	73.9	-	-
14	24120.00	46.8	46.1	38.5	31.0	7.7	0.0	52.5	51.8	73.9	21.4	22.1

**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
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1260.00	51.0	48.4	25.0	34.6	2.1	0.0	43.5	40.9	53.9	10.4	13.0
2	1500.00	54.6	54.7	25.7	34.0	2.2	0.0	48.5	48.6	53.9	5.4	5.3
3	2243.01	53.9	52.7	26.4	32.9	2.6	0.0	50.0	48.8	53.9	3.9	5.1
4	2390.00	36.8	35.8	26.7	32.8	2.6	0.0	33.3	32.3	53.9	20.6	21.6
5	2400.00	42.4	41.4	26.7	32.8	2.6	0.0	38.9	37.9	53.9	15.0	16.0
6	4824.00	28.9	28.9	31.2	30.7	4.1	0.8	34.3	34.3	53.9	19.6	19.6
7	7236.00	30.3	30.3	35.7	31.4	4.6	0.7	39.9	39.9	53.9	14.0	14.0
8	9648.00	30.9	30.9	38.3	32.0	5.4	1.1	43.7	43.7	53.9	10.2	10.2
<b>Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
9	12060.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	14472.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	16884.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	19296.00	NS	NS	-	-	-	-	-	-	53.9	-	-
13	21708.00	NS	NS	-	-	-	-	-	-	53.9	-	-
14	24120.00	35.3	35.2	38.5	31.0	7.7	0.0	41.0	40.9	53.9	12.9	13.0

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 fifth harmonic, the noise from the EUT was not seen. The data above is its base noise.  
\*The limit is rounded down to one decimal place.  
\*The test result is round off to one or two decimal places, so some differences might be observed.  
\*NS: Non Signal

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

Company : Sony Computer Entertainment Inc.  
Equipment : Development Tool  
Model : DTP-T1000A B  
S/N : SJ0006904  
Power : AC 120V / 60Hz  
Mode : IEEE802.11b, Tx 2437MHz, 2Mbps  
Position : ANT(H: 90deg. V: 180deg.)

UL Japan, Inc.  
Head Office EMC Lab. No.3 Semi Anechoic Chamber  
Regulation : FCC15.247(d) / RSS-210 A8.5  
Test Distance : 3m / 1m  
Date : 10/15/2008  
Temperature : 23deg.C.  
Humidity : 53%  
Engineer : Kazuya Yoshioka

**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]											
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>													
1	1260.00	60.3	56.0	25.0	34.6	2.1	0.0	52.8	48.5	73.9	21.1	25.4	
2	1500.00	56.4	52.9	25.7	34.0	2.2	0.0	50.3	46.8	73.9	23.6	27.1	
3	2242.95	58.8	57.7	26.4	32.9	2.6	0.0	54.9	53.8	73.9	19.0	20.1	
4	4874.00	40.5	40.4	31.3	30.6	4.1	0.8	46.1	46.0	73.9	27.8	27.9	
5	7311.00	41.6	41.7	35.8	31.4	4.6	0.7	51.3	51.4	73.9	22.6	22.5	
6	9748.00	42.4	42.6	38.4	32.1	5.5	1.2	55.4	55.6	73.9	18.5	18.3	
<b>Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>													
7	12185.00	NS	NS	-	-	-	-	-	-	73.9	-	-	
8	14622.00	NS	NS	-	-	-	-	-	-	73.9	-	-	
9	17059.00	NS	NS	-	-	-	-	-	-	73.9	-	-	
10	19496.00	NS	NS	-	-	-	-	-	-	73.9	-	-	
11	21933.00	NS	NS	-	-	-	-	-	-	73.9	-	-	
12	24370.00	47.4	47.1	38.6	30.6	7.7	0.0	53.6	53.3	73.9	20.3	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	
		[dBuV]											
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>													
1	1260.00	52.5	49.0	25.0	34.6	2.1	0.0	45.0	41.5	53.9	8.9	12.4	
2	1500.00	54.5	50.0	25.7	34.0	2.2	0.0	48.4	43.9	53.9	5.5	10.0	
3	2242.95	53.2	52.6	26.4	32.9	2.6	0.0	49.3	48.7	53.9	4.6	5.2	
4	4874.00	28.9	28.1	31.3	30.6	4.1	0.8	34.5	33.7	53.9	19.4	20.2	
5	7311.00	30.0	30.0	35.8	31.4	4.6	0.7	39.7	39.7	53.9	14.2	14.2	
6	9748.00	31.0	31.0	38.4	32.1	5.5	1.2	44.0	44.0	53.9	9.9	9.9	
<b>Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>													
7	12185.00	NS	NS	-	-	-	-	-	-	53.9	-	-	
8	14622.00	NS	NS	-	-	-	-	-	-	53.9	-	-	
9	17059.00	NS	NS	-	-	-	-	-	-	53.9	-	-	
10	19496.00	NS	NS	-	-	-	-	-	-	53.9	-	-	
11	21933.00	NS	NS	-	-	-	-	-	-	53.9	-	-	
12	24370.00	36.0	35.9	38.6	30.6	7.7	0.0	42.2	42.1	53.9	11.7	11.8	

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 fifth harmonic, the noise from the EUT was not seen. The data above is its base noise.  
\*The limit is rounded down to one decimal place.  
\*The test result is round off to one or two decimal places, so some differences might be observed.  
\*NS: Non Signal

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

Company : Sony Computer Entertainment Inc.  
Equipment : Development Tool  
Model : DTP-T1000A B  
S/N : SJ0006904  
Power : AC 120V / 60Hz  
Mode : IEEE802.11b, Tx 2462MHz, 2Mbps  
Position : ANT(H: 90deg. V: 180deg.)

UL Japan, Inc.  
Head Office EMC Lab. No.3 Semi Anechoic Chamber  
Regulation : FCC15.247(d) / RSS-210 A8.5  
Test Distance : 3m / 1m  
Date : 10/15/2008  
Temperature : 23deg.C.  
Humidity : 53%  
Engineer : Kazuya Yoshioka

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

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 PK [dBuV/m]	MARGIN [dB]	
		HOR	VER					HOR	VER		HOR	VER
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1260.00	60.5	56.4	25.0	34.6	2.1	0.0	53.0	48.9	73.9	20.9	25.0
2	1500.00	56.1	53.3	25.7	34.0	2.2	0.0	50.0	47.2	73.9	23.9	26.7
3	2242.38	59.6	58.3	26.4	32.9	2.6	0.0	55.7	54.4	73.9	18.2	19.5
4	2483.50	49.1	51.7	26.9	32.8	2.6	0.0	45.8	48.4	73.9	28.1	25.5
5	4924.00	41.0	40.4	31.4	30.6	4.1	0.8	46.7	46.1	73.9	27.2	27.8
6	7386.00	41.9	41.8	35.9	31.4	4.6	0.7	51.7	51.6	73.9	22.2	22.3
7	9848.00	41.7	41.9	38.4	32.2	5.5	1.2	54.6	54.8	73.9	19.3	19.1
<b>Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
8	12310.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	14772.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	17234.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	19696.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	22158.00	NS	NS	-	-	-	-	-	-	73.9	-	-
13	24620.00	46.0	46.2	38.8	30.2	7.7	0.0	52.8	53.0	73.9	21.1	20.9

**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
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1260.00	52.3	48.2	25.0	34.6	2.1	0.0	44.8	40.7	53.9	9.1	13.2
2	1500.00	54.3	50.0	25.7	34.0	2.2	0.0	48.2	43.9	53.9	5.7	10.0
3	2242.38	53.3	52.7	26.4	32.9	2.6	0.0	49.4	48.8	53.9	4.5	5.1
4	2483.50	36.3	39.4	26.9	32.8	2.6	0.0	33.0	36.1	53.9	20.9	17.8
5	4924.00	28.4	28.5	31.4	30.6	4.1	0.8	34.1	34.2	53.9	19.8	19.7
6	7386.00	30.5	30.7	35.9	31.4	4.6	0.7	40.3	40.5	53.9	13.6	13.4
7	9848.00	31.5	31.4	38.4	32.2	5.5	1.2	44.4	44.3	53.9	9.5	9.6
<b>Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
8	12310.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	14772.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	17234.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	19696.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	22158.00	NS	NS	-	-	-	-	-	-	53.9	-	-
13	24620.00	34.1	34.1	38.8	30.2	7.7	0.0	40.9	40.9	53.9	13.0	13.0

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 fifth harmonic, the noise from the EUT was not seen. The data above is its base noise.  
\*The limit is rounded down to one decimal place.  
\*The test result is round off to one or two decimal places, so some differences might be observed.  
\*NS: Non Signal

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

		UL Japan, Inc.	
		Head Office EMC Lab. No.3 Semi Anechoic Chamber	
Company	: Sony Computer Entertainment Inc.	Regulation	: FCC15.109(a) / RSS-210 A8.5
Equipment	: Development Tool	Test Distance	: 3m
Model	: DTP-T1000A B	Date	: 10/15/2008
S/N	: SJ0006904	Temperature	: 23deg.C.
Power	: AC 120V / 60Hz	Humidity	: 53%
Mode	: IEEE802.11b, Rx 2437MHz	Engineer	: Kazuya Yoshioka
Position	: ANT(H: 90deg. V: 180deg.)		

**PK DETECT (Reference data)** (RBW: 1MHz, VBW: 1MHz)

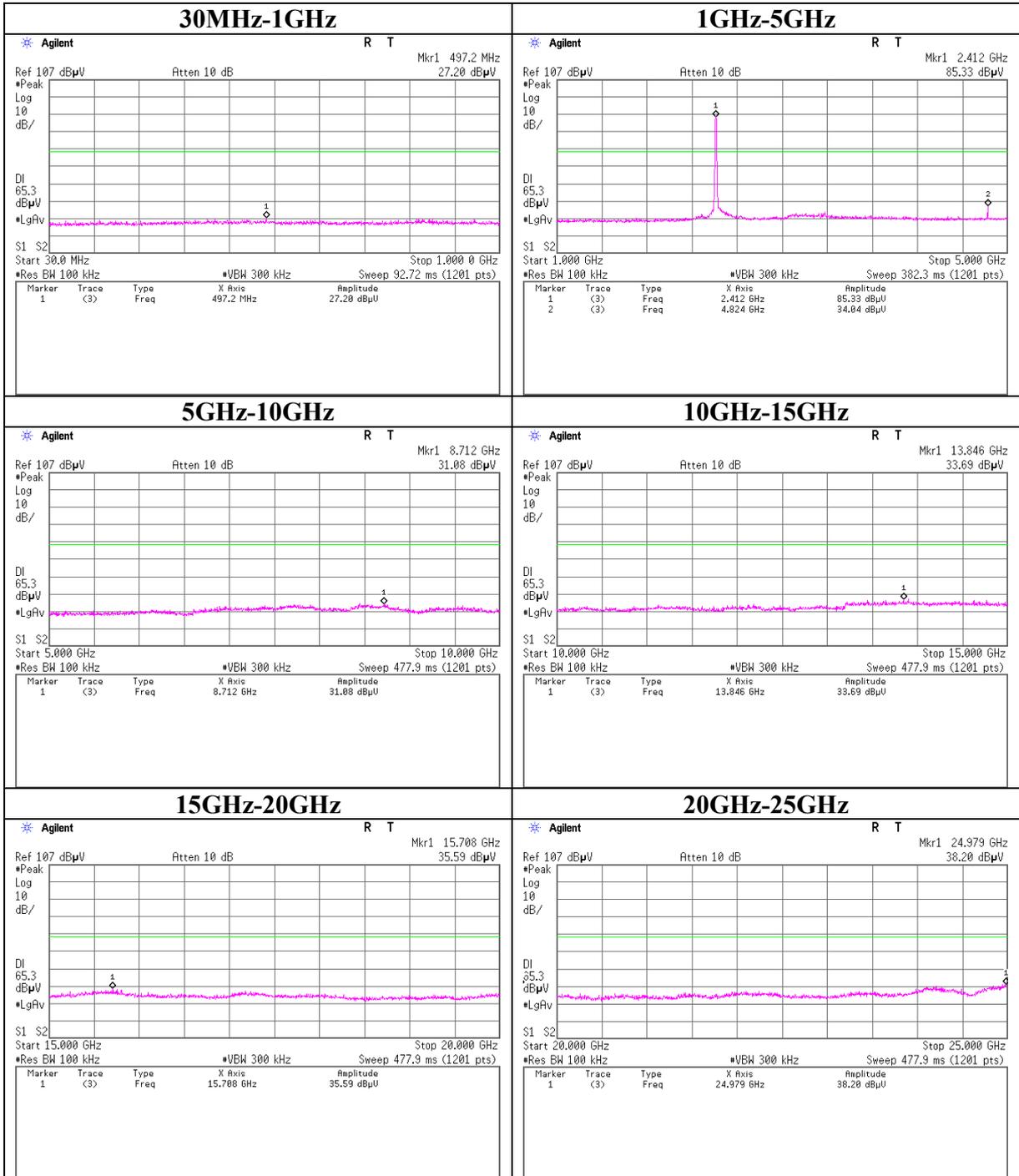
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBuV/m]		[dB]		
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1260.04	60.2	57.6	25.0	34.6	2.1	0.0	52.7	50.1	73.9	21.2	23.8
2	1500.00	56.3	56.7	25.7	34.0	2.2	0.0	50.2	50.6	73.9	23.7	23.3
3	2243.49	59.4	58.4	26.4	32.9	2.6	0.0	55.5	54.5	73.9	<b>18.4</b>	19.4
4	2437.00	41.4	42.1	26.8	32.8	2.7	0.0	38.1	38.8	73.9	35.8	35.1

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

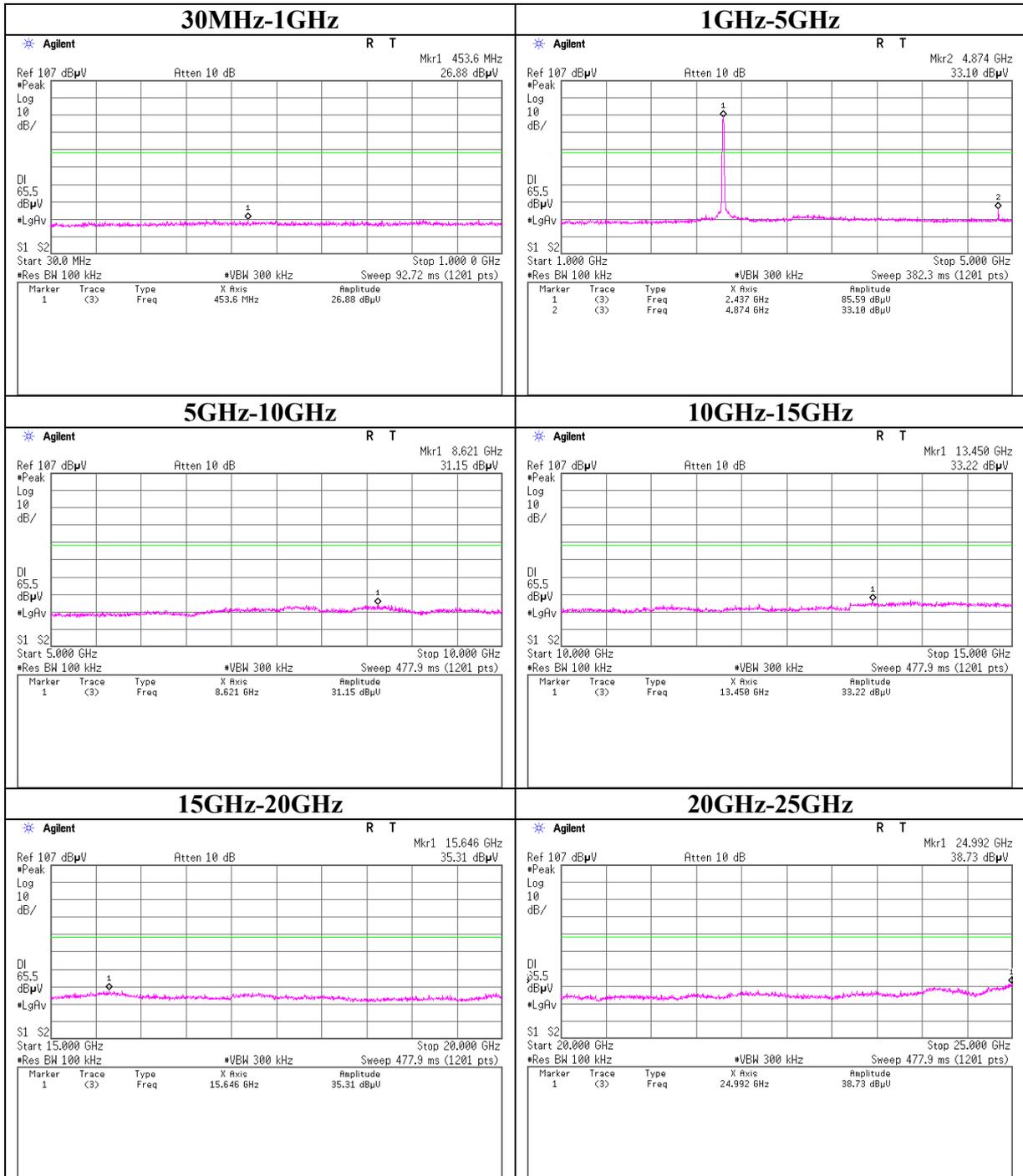
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBuV/m]		[dB]		
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1260.04	52.1	49.1	25.0	34.6	2.1	0.0	44.6	41.6	53.9	9.3	12.3
2	1500.00	54.6	55.0	25.7	34.0	2.2	0.0	48.5	48.9	53.9	5.4	5.0
3	2243.49	54.0	53.2	26.4	32.9	2.6	0.0	50.1	49.3	53.9	<b>3.8</b>	4.6
4	2437.00	30.3	30.5	26.8	32.8	2.7	0.0	27.0	27.2	53.9	26.9	26.7

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

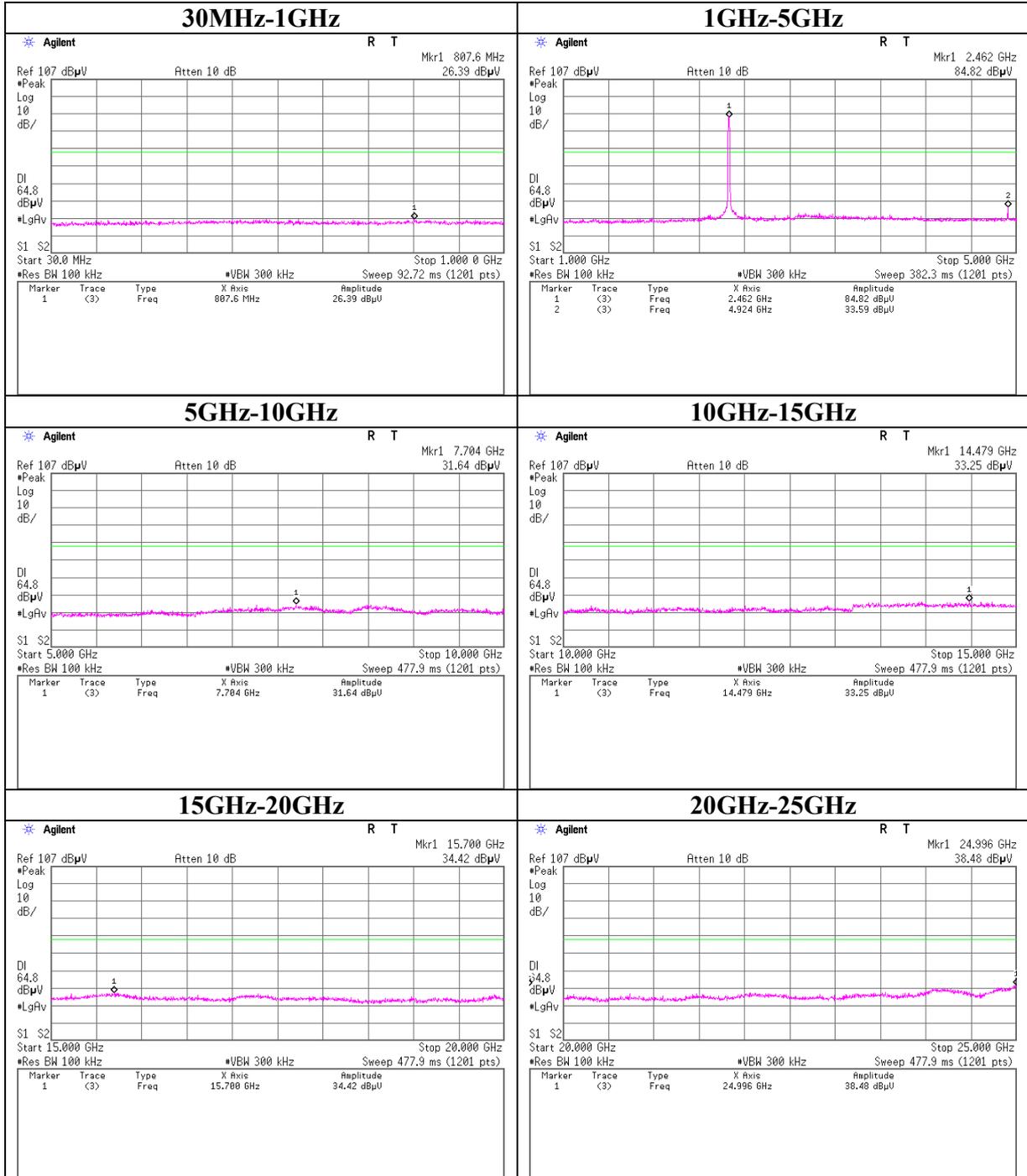
**Conducted Spurious Emission**  
**Tx, Ch: Low**



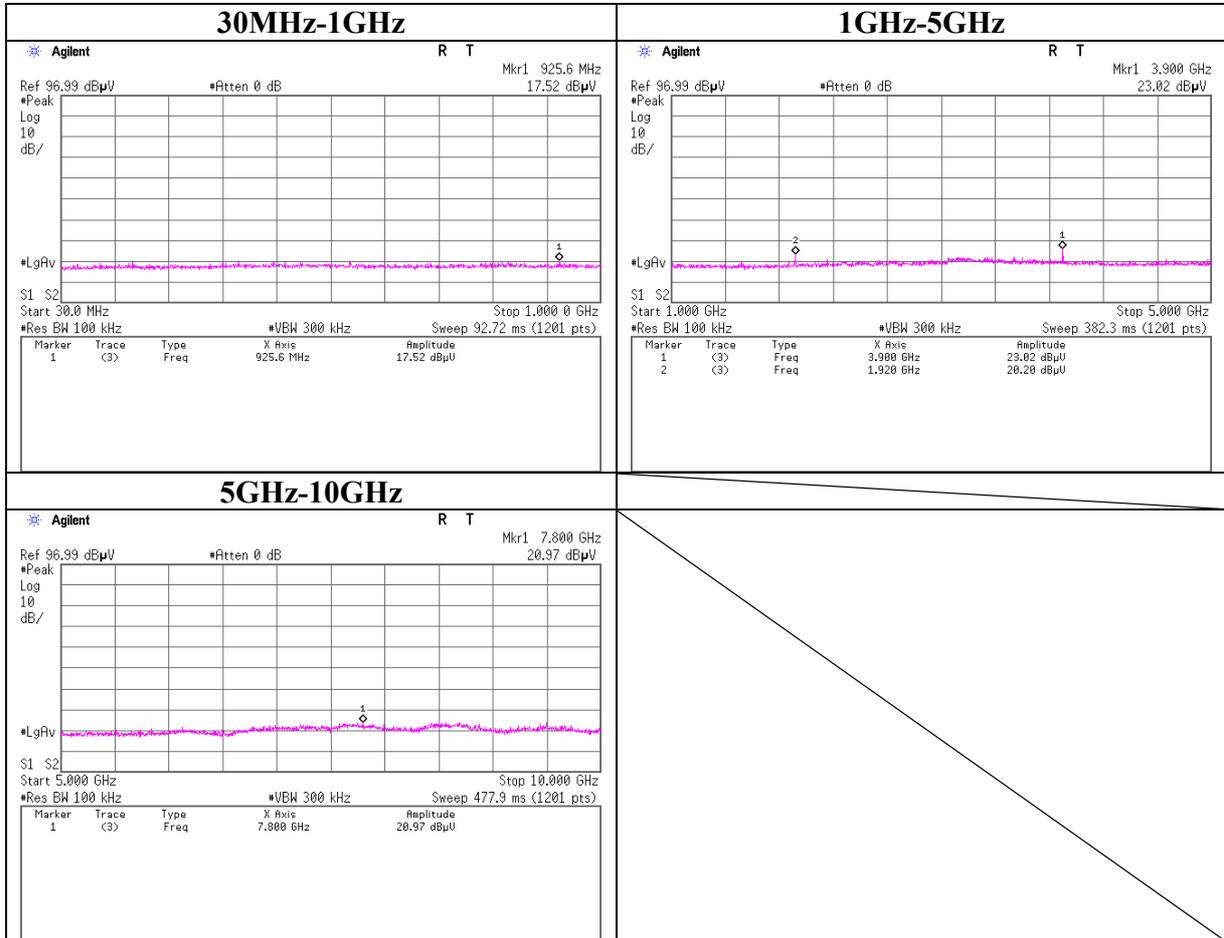
**Conducted Spurious Emission**  
**Tx, Ch: Mid**



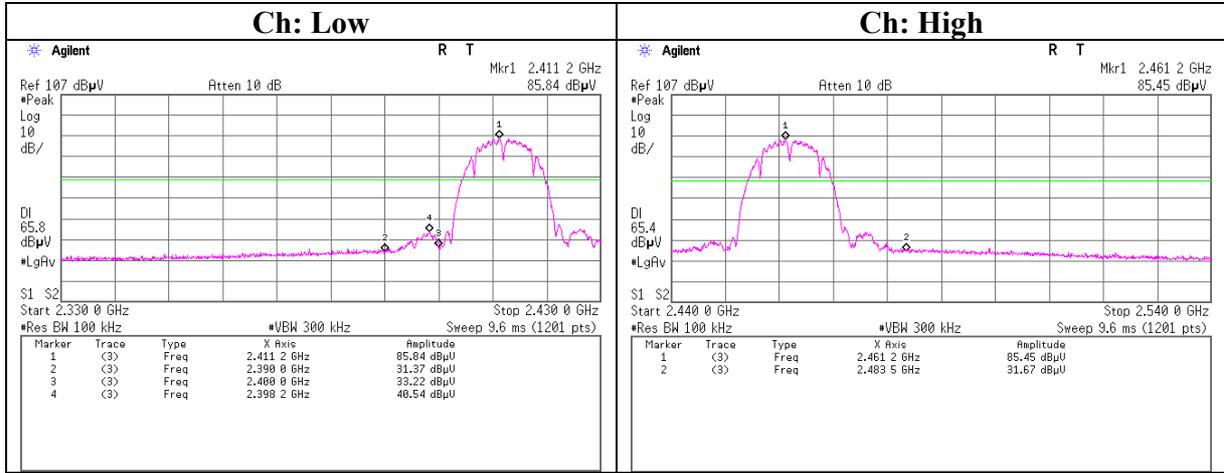
**Conducted Spurious Emission**  
**Tx, Ch: High**



**Conducted Spurious Emission**  
**Rx, Ch: Mid**



**Conducted emission Band Edge compliance**



## Power Density

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

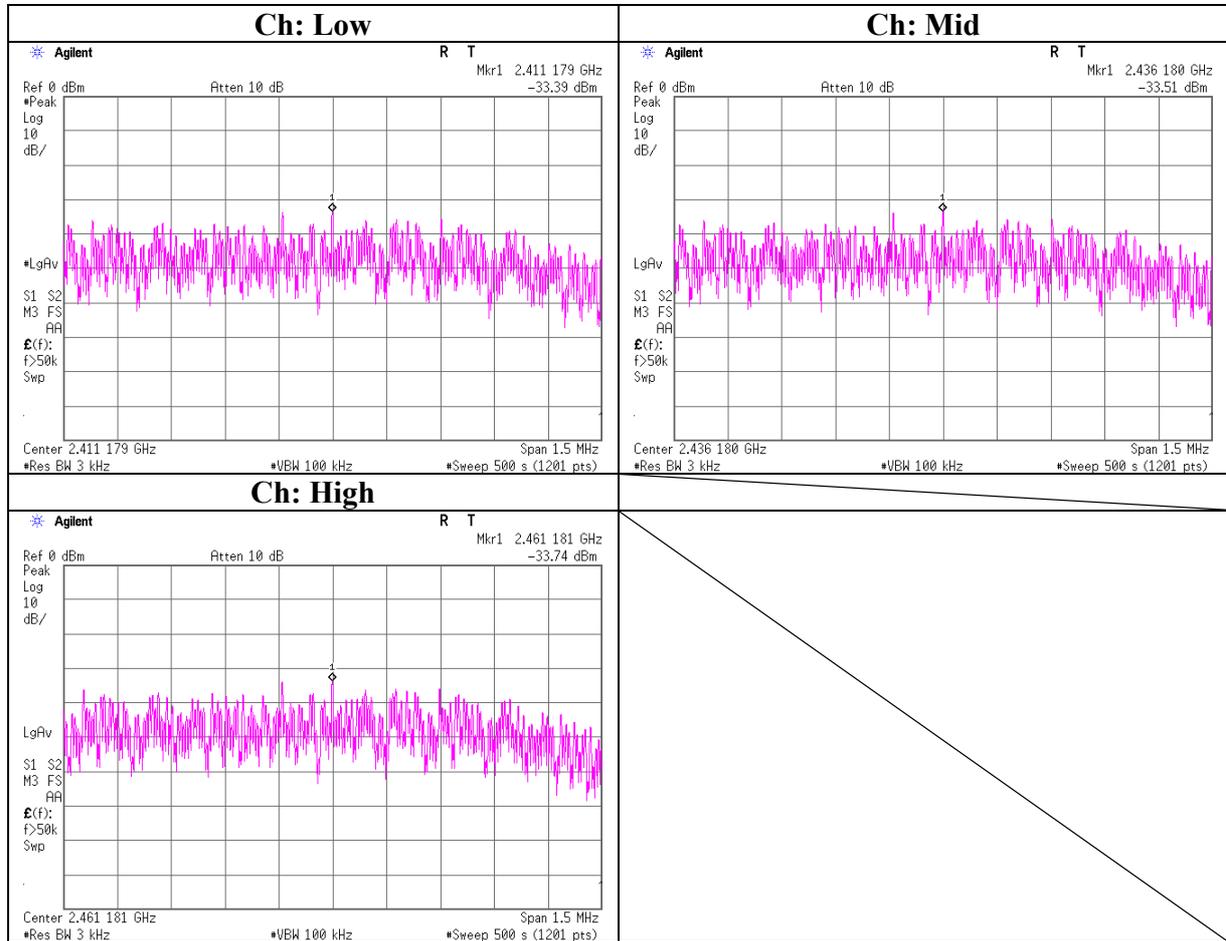
Company : Sony Computer Entertainment Inc.      Test Report No. : 29AE0044-HO-01  
Equipment : Development Tool                      Regulation : FCC15.247(e)/RSS-210A8.2(b)  
Model No. : DTP-T1000A B                          Test distance : -  
Serial No. : SJ0006912                              Date : 10/03/2008  
Power : AC120V/60Hz                                Temperature : 25°C  
Mode : IEEE802.11b, 2Mbps, Tx (Ch L, M, H)      Humidity : 58%  
Engineer : Takayuki Shimada

Ch	Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2411.2	-33.39	2.0	10.1	-21.3	8.0	29.3
Mid	2436.2	-33.51	2.0	10.1	-21.4	8.0	29.4
High	2461.2	-33.74	2.0	10.1	-21.7	8.0	29.7

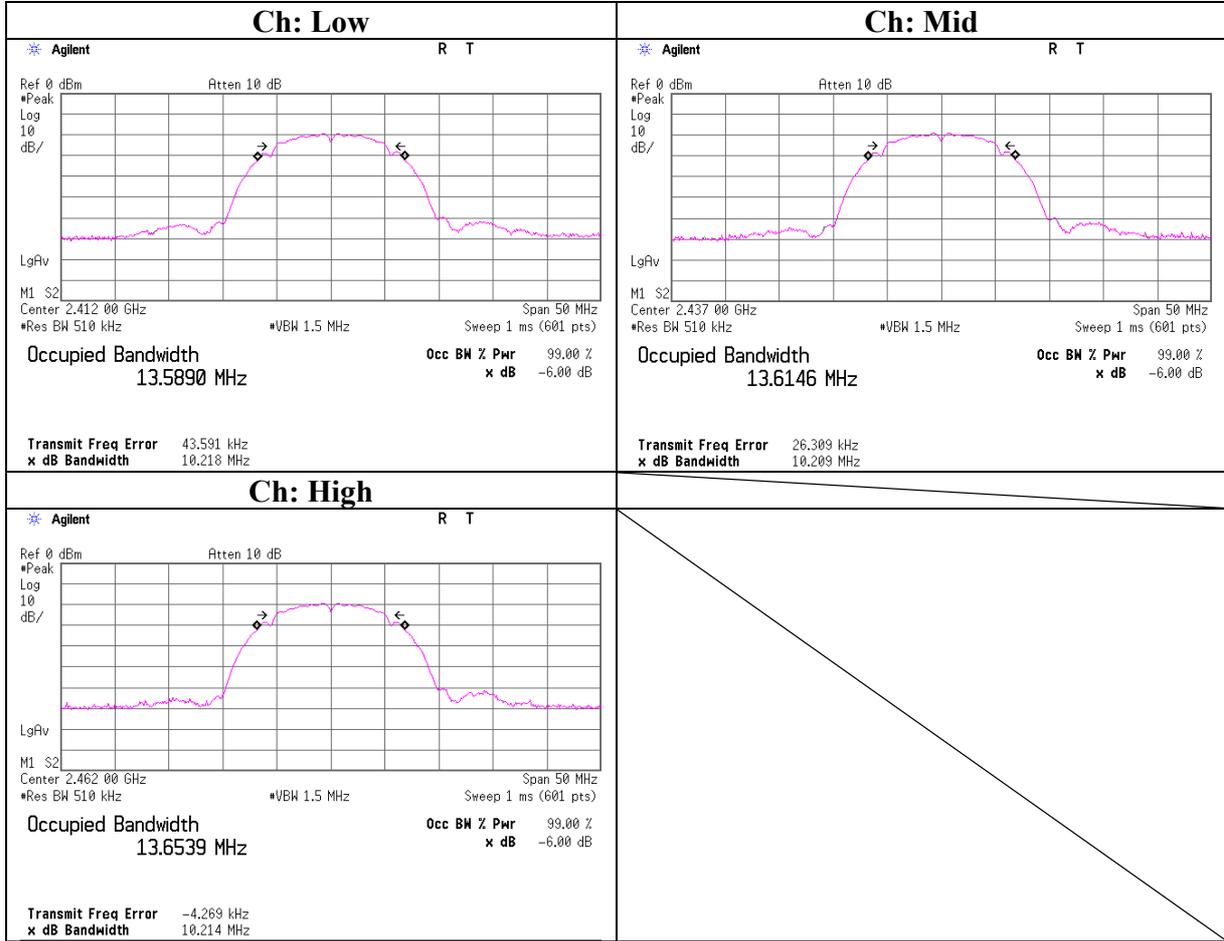
Sample Calculation:

Result = Reading + Cable Loss (Including customer's cable loss) + Attenuator

**Power Density**



**99% Occupied Bandwidth**



### APPENDIX 3:Test instruments

#### EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAEC-03	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE/CE	2008/03/25 * 12
MOS-13	Thermo-Hygrometer	Custom	CTH-180	RE/CE	2008/01/10 * 12
MJM-06	Measure	PROMART	SEN1955	RE/CE	-
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE/CE	-
MSA-09	Spectrum Analyzer	Advantest	R3273	RE/CE	2007/12/21 * 12
MTR-08	Test Receiver	Rohde & Schwarz	ESCI	RE/CE	2008/06/12 * 12
MBA-03	Biconical Antenna	Schwarzbeck	BBA9106	RE	2008/01/12 * 12
MLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2008/01/12 * 12
MCC-51	Coaxial cable	UL Japan	-	RE	2008/07/18 * 12
MAT-30	Attenuator(6dB)	TME	UFA-01	RE	2008/03/10 * 12
MPA-13	Pre Amplifier	SONOMA INSTRUMENT	310	RE	2008/03/06 * 12
MHA-20	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	RE	2008/04/23 * 12
MCC-56	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2008/03/12 * 12
MPA-11	MicroWave System Amplifier	Agilent	83017A	RE	2008/03/13 * 12
MHA-16	Horn Antenna 15-40GHz	Schwarzbeck	BBHA9170	RE	2008/04/30 * 12
MCC-78	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2007/12/26 * 12
MHF-19	High Pass Filter 3.5-18.0GHz	TOKIMEC	TF323DCA	RE	2007/12/10 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	CE(EUT)	2008/02/19 * 12
MLS-07	LISN(AMN)	Schwarzbeck	NSLK8127	CE(AE)	2008/02/20 * 12
MTA-07	Terminator	MCL	BTRM-50	CE	2008/02/04 * 12
MCC-112	Coaxial cable	Fujikura/Suhner/TSJ	-	CE	2008/07/03 * 12
MOS-14	Thermo-Hygrometer	Custom	CTH-180	AT	2008/01/10 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	AT	2008/08/18 * 12
MAT-23	Attenuator(10dB) DC-18GHz	Orient Microwave	BX10-0476-00	AT	2008/03/05 * 12
MCC-114	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	AT	2008/08/01 * 12
MAT-25	Attenuator(10dB)(above1GHz)	Agilent	8493C	AT	2008/06/25 * 12
MPM-09	Power Meter	Anritsu	ML2495A	AT	2007/09/22 * 12
MPSE-12	Power sensor	Anritsu	MA2411B	AT	2007/09/22 * 12
MOS-15	Thermo-Hygrometer	Custom	CTH-180	AT	2008/01/10 * 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