

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 : 2009/05/19

Company	: Sony Computer Entertainment Inc.	Report No.	: 29JE0027-HO-01
Kind of EUT	: Development Tool	Power	: AC 120V / 60Hz
Model No.	: DTP-T1000A B	Temp./Humi.	: 24deg. C. / 43%
Serial No.	: SJ0035268	Engineer	: Takumi Shimida

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

LIMIT : FCC15.207 QP
FCC15.207 AV

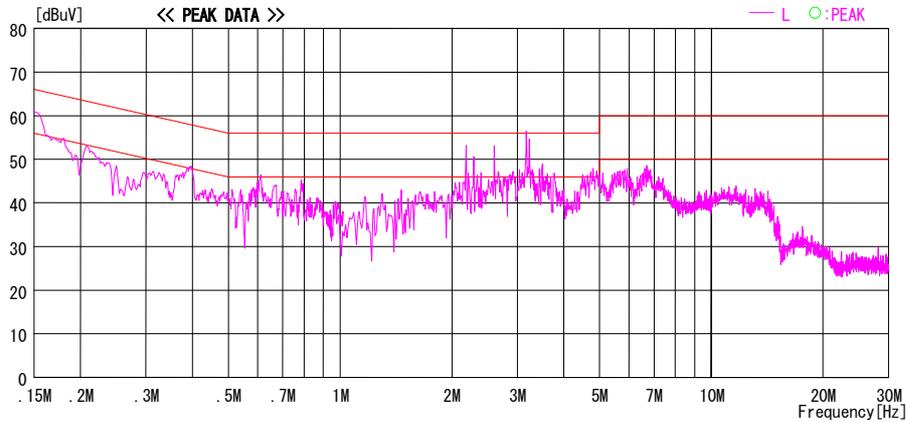
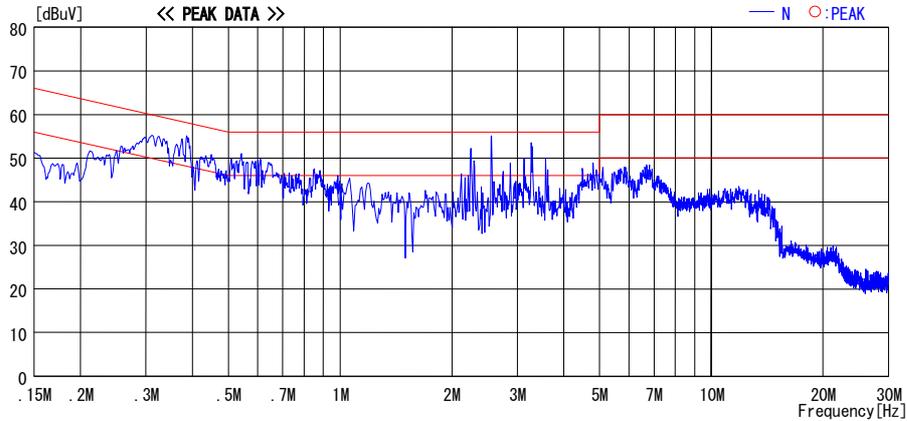


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT [dBuV] = READING [dBuV] + C. F [dB] (LISN LOSS + CABLE LOSS)
Except for the above table : adequate margin data below the limits.

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

Conducted Emission
Tx, Ch: Mid

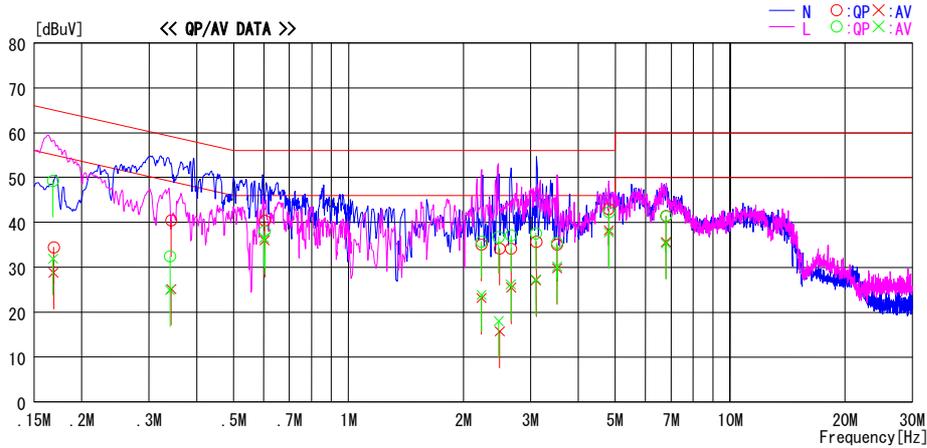
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/05/19

Company : Sony Computer Entertainment Inc. Report No. : 29JE0027-HO-01
Kind of EUT : Development Tool Power : AC 120V / 60Hz
Model No. : DTP-T1000A B Temp./Humi. : 24deg. C. / 43%
Serial No. : SJ0035268 Engineer : Takumi Shimda

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

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor [dB]	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.16891	34.1	28.5	0.3	34.4	28.8	65.0	55.0	30.6	26.2	N	
0.34313	40.2	24.9	0.3	40.5	25.2	59.1	49.1	18.6	23.9	N	
0.60309	40.1	35.7	0.3	40.4	36.0	56.0	46.0	15.6	10.0	N	
2.23065	34.7	22.8	0.4	35.1	23.2	56.0	46.0	20.9	22.8	N	
2.48926	33.8	15.3	0.4	34.2	15.7	56.0	46.0	21.8	30.3	N	
2.66492	33.7	25.0	0.5	34.2	25.5	56.0	46.0	21.8	20.5	N	
3.10062	35.2	26.6	0.5	35.7	27.1	56.0	46.0	20.3	18.9	N	
3.52106	34.5	29.2	0.6	35.1	29.8	56.0	46.0	20.9	16.2	N	
4.80552	42.4	37.6	0.6	43.0	38.2	56.0	46.0	13.0	7.8	N	
6.79074	40.7	34.8	0.8	41.5	35.6	60.0	50.0	18.5	14.4	N	
0.16837	49.0	31.6	0.3	49.3	31.9	65.0	55.0	15.7	23.1	L	
0.34067	32.2	24.6	0.3	32.5	24.9	59.2	49.2	26.7	24.3	L	
0.60191	37.8	36.2	0.3	38.1	36.5	56.0	46.0	17.9	9.5	L	
2.23026	35.3	23.4	0.4	35.7	23.8	56.0	46.0	20.3	22.2	L	
2.47348	36.4	17.6	0.4	36.8	18.0	56.0	46.0	19.2	28.0	L	
2.66390	36.6	25.7	0.5	37.1	26.2	56.0	46.0	18.9	19.8	L	
3.09639	37.1	26.8	0.5	37.6	27.3	56.0	46.0	18.4	18.7	L	
3.52092	34.9	29.6	0.6	35.5	30.2	56.0	46.0	20.5	15.8	L	
4.80983	41.7	37.2	0.6	42.3	37.8	56.0	46.0	13.7	8.2	L	
6.79075	40.6	34.6	0.8	41.4	35.4	60.0	50.0	18.6	14.6	L	

CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT [dBuV] = READING [dBuV] + C. F [dB] (L ISN 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.3 Semi Anechoic Chamber
 Date : 2009/05/19

Company	: Sony Computer Entertainment Inc.	Report No.	: 29JE0027-HO-01
Kind of EUT	: Development Tool	Power	: AC 120V / 60Hz
Model No.	: DTP-T1000A B	Temp./Humi.	: 24deg. C. / 43%
Serial No.	: SJ0035268	Engineer	: Takumi Shimda

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

LIMIT : FCC15.207 QP
 FCC15.207 AV

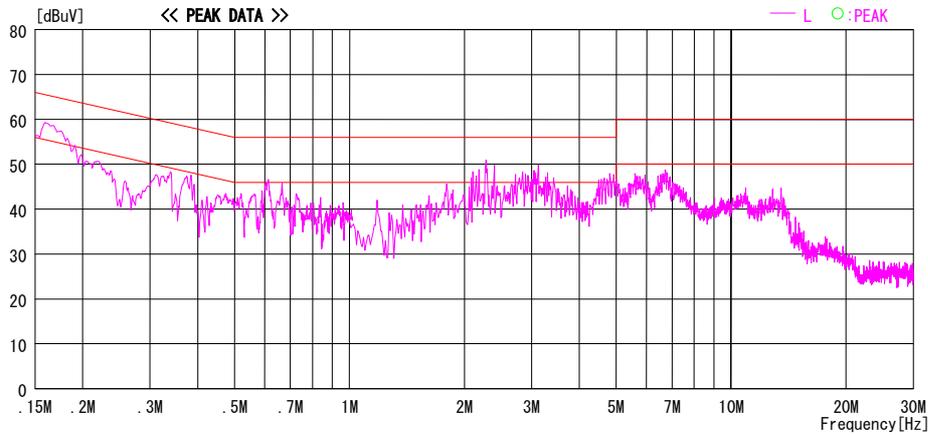
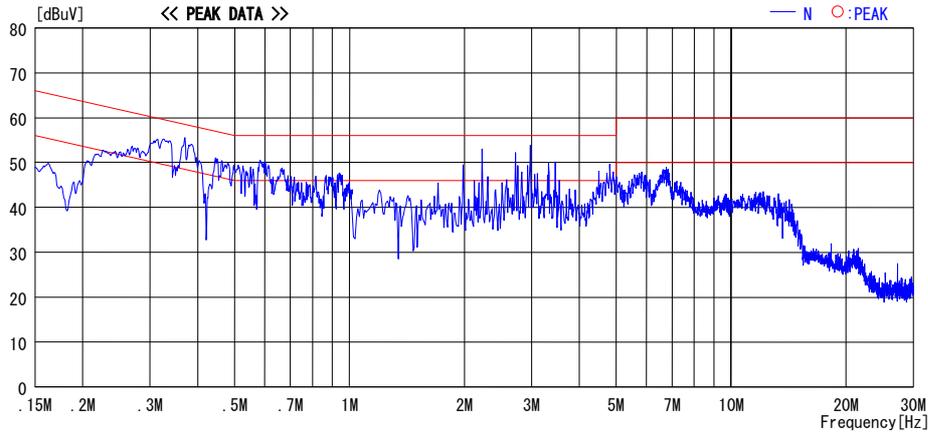


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT [dBuV]=READING [dBuV]+C. F [dB] (L ISN LOSS+CABLE LOSS)
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Conducted Emission
Rx, Ch: Mid

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
 Date : 2009/05/19

Company	: Sony Computer Entertainment Inc.	Report No.	: 29JE0027-HO-01
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Model No.	: DTP-T1000A B	Temp./Humi.	: 24deg. C. / 43%
Serial No.	: SJ0035268	Engineer	: Takumi Shimda

Mode / Remarks : WLAN 11b, Rx 2437MHz

LIMIT : FCC15.207 QP
 FCC15.207 AV

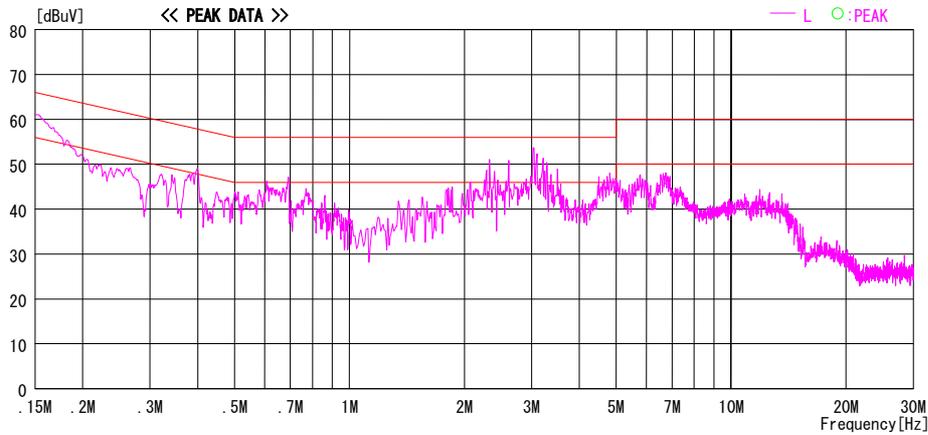
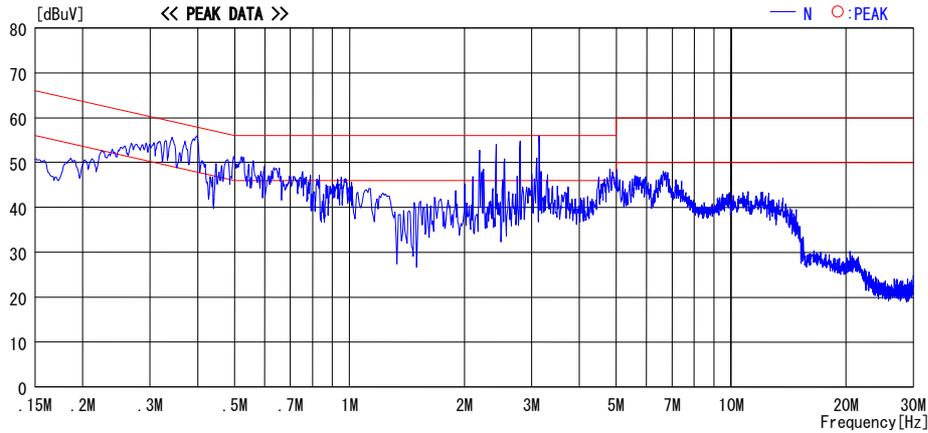


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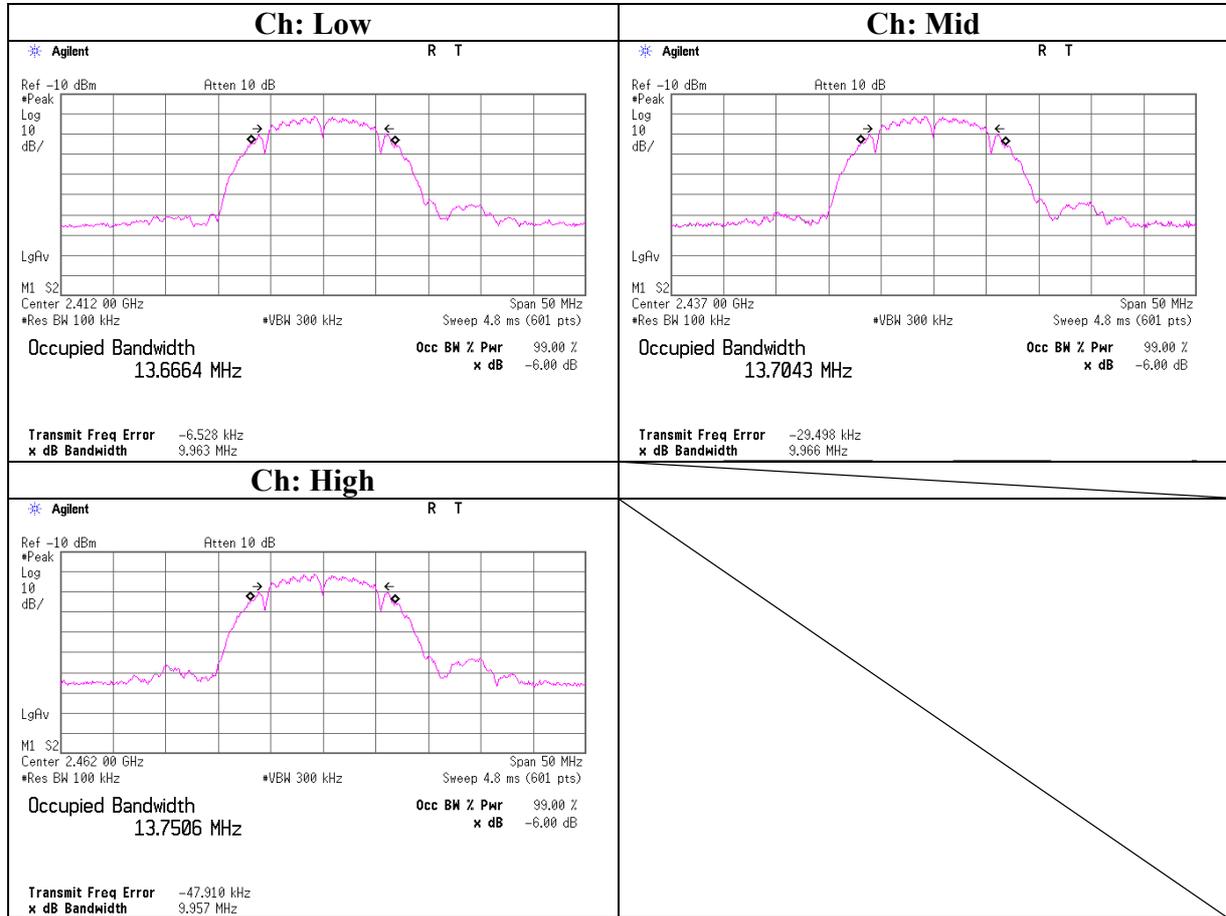
6dB Bandwidth

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

Company	: Sony Computer Entertainment Inc.	Test Report No.	: 29JE0027-HO-01
Equipment	: Development Tool	Regulation	: FCC15.247(a)(2)/RSS-210A8.2(a)
Model No.	: DTP-T1000A B	Test distance	: -
Serial No.	: SJ0006900	Date	: 05/21/2009
Power	: AC120V/60Hz	Temperature	: 24°C
Mode	: 11b Tx (Ch L, M, H) 2Mbps(Worst)	Humidity	: 56%
		Engineer	: Takayuki Shimada

Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2412.0	9.963	>500
Mid	2437.0	9.966	>500
High	2462.0	9.957	>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	: Development Tool	Regulation	: FCC15.247(b)(3)/RSS-210A8.4(4)
Model No.	: DTP-T1000A B	Test distance	: -
Serial No.	: SJ0006900	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	-7.63	1.10	9.98	3.45	2.21	30.00	1000	26.55
Mid	2437.0	-7.77	1.10	9.98	3.31	2.14	30.00	1000	26.69
High	2462.0	-7.85	1.10	9.98	3.23	2.10	30.00	1000	26.77

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	-7.83	1.10	9.98	3.25	2.11	30.00	1000	26.75
2.0	2437.0	-7.77	1.10	9.98	3.31	2.14	30.00	1000	26.69
5.5	2437.0	-8.32	1.10	9.98	2.76	1.89	30.00	1000	27.24
11	2437.0	-7.87	1.10	9.98	3.21	2.09	30.00	1000	26.79

Sample Calculation:

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

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

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

Telephone : +81 596 24 8116

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

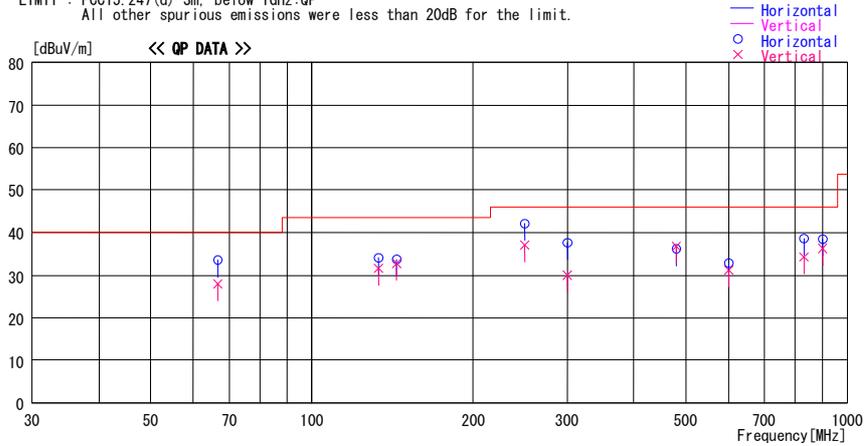
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/05/16

Company : Sony Computer Entertainment Inc. Report No. : 29JE0027-HO-01
Kind of EUT : Development Tool Power : AC 120V / 60Hz
Model No. : DTP-T1000A B Temp./Humi. : 25deg.C / 38%
Serial No. : SJ0035268 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	Reading	DET	Antenna Factor	Loss & Gain	Level	Angle	Height	Polar.	Limit	Margin	Comment
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg.]	[cm]		[dBuV/m]	[dB]	
66.666	51.4	QP	6.6	-24.5	33.5	315	295	Hori.	40.0	6.5	
66.666	45.9	QP	6.6	-24.5	28.0	72	100	Vert.	40.0	12.0	
133.332	44.0	QP	13.7	-23.6	34.1	3	234	Hori.	43.5	9.4	
133.332	41.5	QP	13.7	-23.6	31.6	60	100	Vert.	43.5	11.9	
144.000	43.0	QP	14.2	-23.5	33.7	286	126	Hori.	43.5	9.8	
144.000	42.1	QP	14.2	-23.5	32.8	37	100	Vert.	43.5	10.7	
249.985	47.3	QP	17.3	-22.5	42.1	354	134	Hori.	46.0	3.9	
249.985	42.3	QP	17.3	-22.5	37.1	284	159	Vert.	46.0	8.9	
300.000	45.1	QP	14.6	-22.1	37.6	280	121	Hori.	46.0	8.4	
300.000	37.5	QP	14.6	-22.1	30.0	348	100	Vert.	46.0	16.0	
479.997	38.8	QP	18.3	-20.9	36.2	198	100	Hori.	46.0	9.8	
479.997	39.4	QP	18.3	-20.9	36.8	348	100	Vert.	46.0	9.2	
599.996	33.2	QP	19.7	-20.1	32.8	321	124	Hori.	46.0	13.2	
599.996	31.6	QP	19.7	-20.1	31.2	149	100	Vert.	46.0	14.8	
830.767	35.1	QP	21.8	-18.3	38.6	131	108	Hori.	46.0	7.4	
830.767	30.8	QP	21.8	-18.3	34.3	283	182	Vert.	46.0	11.7	
900.000	34.2	QP	22.0	-17.7	38.5	247	110	Hori.	46.0	7.5	
900.000	32.0	QP	22.0	-17.7	36.3	345	156	Vert.	46.0	9.7	

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

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

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

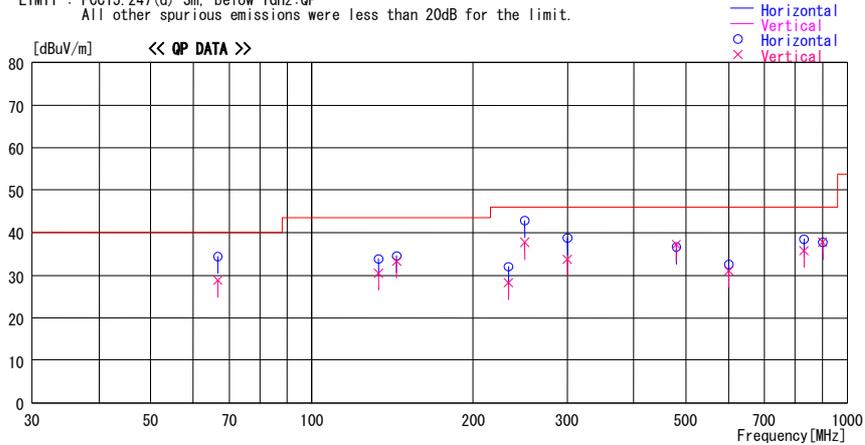
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LIMIT : FCC15.247(d) 3m, below 1GHz:QP
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss &	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Gain [dB]							
66.666	52.3	QP	6.6	-24.5	34.4	311	293	Hori.	40.0	5.6	
66.666	46.7	QP	6.6	-24.5	28.8	88	100	Vert.	40.0	11.2	
133.332	43.7	QP	13.7	-23.6	33.8	5	206	Hori.	43.5	9.7	
133.332	40.4	QP	13.7	-23.6	30.5	61	100	Vert.	43.5	13.0	
144.000	43.9	QP	14.2	-23.5	34.6	281	130	Hori.	43.5	8.9	
144.000	42.6	QP	14.2	-23.5	33.3	39	100	Vert.	43.5	10.2	
233.332	37.6	QP	17.1	-22.6	32.1	311	146	Hori.	46.0	13.9	
233.332	33.8	QP	17.1	-22.6	28.3	289	189	Vert.	46.0	17.7	
249.985	42.9	QP	17.3	-22.5	37.7	286	167	Vert.	46.0	8.3	
249.985	48.0	QP	17.3	-22.5	42.8	355	131	Hori.	46.0	3.2	
300.000	46.3	QP	14.6	-22.1	38.8	292	113	Hori.	46.0	7.2	
300.000	41.2	QP	14.6	-22.1	33.7	354	100	Vert.	46.0	12.3	
479.997	39.2	QP	18.3	-20.9	36.6	202	100	Hori.	46.0	9.4	
479.997	39.8	QP	18.3	-20.9	37.2	346	100	Vert.	46.0	8.8	
599.996	33.0	QP	19.7	-20.1	32.6	325	123	Hori.	46.0	13.4	
599.996	31.5	QP	19.7	-20.1	31.1	144	100	Vert.	46.0	14.9	
830.767	34.9	QP	21.8	-18.3	38.4	127	112	Hori.	46.0	7.6	
830.767	32.3	QP	21.8	-18.3	35.8	286	177	Vert.	46.0	10.2	
900.000	33.4	QP	22.0	-17.7	37.7	234	100	Hori.	46.0	8.3	
900.000	33.5	QP	22.0	-17.7	37.8	348	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)

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

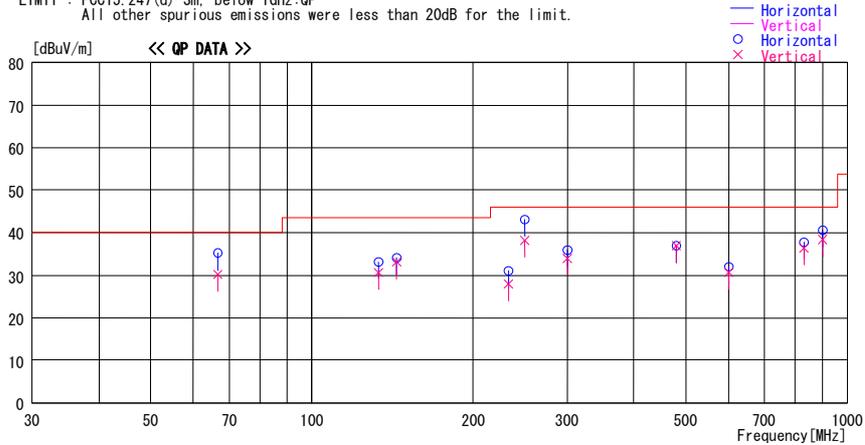
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LIMIT : FCC15.247(d) 3m, below 1GHz:QP
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss &	Level	Angle	Height	Polar.	Limit	Margin	Comment
			Factor	Gain							
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
66.666	53.1	QP	6.6	-24.5	35.2	302	268	Hori.	40.0	4.8	
66.666	48.1	QP	6.6	-24.5	30.2	90	100	Vert.	40.0	9.8	
133.332	43.1	QP	13.7	-23.6	33.2	7	205	Hori.	43.5	10.3	
133.332	40.5	QP	13.7	-23.6	30.6	69	100	Vert.	43.5	12.9	
144.000	43.4	QP	14.2	-23.5	34.1	276	125	Hori.	43.5	9.4	
144.000	42.4	QP	14.2	-23.5	33.1	43	100	Vert.	43.5	10.4	
233.332	36.5	QP	17.1	-22.6	31.0	1	143	Hori.	46.0	15.0	
233.332	33.5	QP	17.1	-22.6	28.0	292	161	Vert.	46.0	18.0	
249.985	43.4	QP	17.3	-22.5	38.2	288	157	Vert.	46.0	7.8	
249.985	48.3	QP	17.3	-22.5	43.1	355	135	Hori.	46.0	2.9	
300.000	43.5	QP	14.6	-22.1	36.0	292	105	Hori.	46.0	10.0	
300.000	41.5	QP	14.6	-22.1	34.0	356	100	Vert.	46.0	12.0	
479.997	39.5	QP	18.3	-20.9	36.9	200	100	Hori.	46.0	9.1	
479.997	39.5	QP	18.3	-20.9	36.9	344	100	Vert.	46.0	9.1	
599.996	32.4	QP	19.7	-20.1	32.0	328	124	Hori.	46.0	14.0	
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830.767	32.9	QP	21.8	-18.3	36.4	285	169	Vert.	46.0	9.6	
900.000	36.3	QP	22.0	-17.7	40.6	311	147	Hori.	46.0	5.4	
900.000	34.1	QP	22.0	-17.7	38.4	351	100	Vert.	46.0	7.6	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
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Radiated Spurious Emission (below 1GHz)
Rx, Ch: Mid

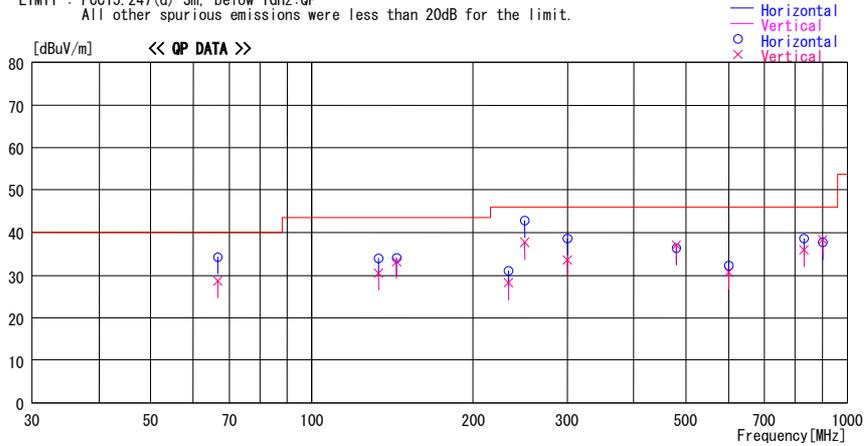
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All other spurious emissions were less than 20dB for the limit.



Frequency	Reading	DET	Antenna Factor	Loss & Gain	Level	Angle	Height	Polar.	Limit	Margin	Comment
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg.]	[cm]		[dBuV/m]	[dB]	
66.666	52.2	QP	6.6	-24.5	34.3	310	293	Hori.	40.0	5.7	
66.666	46.6	QP	6.6	-24.5	28.7	88	100	Vert.	40.0	11.3	
133.332	43.9	QP	13.7	-23.6	34.0	5	218	Hori.	43.5	9.5	
133.332	40.4	QP	13.7	-23.6	30.5	70	100	Vert.	43.5	13.0	
144.000	43.4	QP	14.2	-23.5	34.1	282	119	Hori.	43.5	9.4	
144.000	42.5	QP	14.2	-23.5	33.2	35	100	Vert.	43.5	10.3	
233.332	36.6	QP	17.1	-22.6	31.1	1	145	Hori.	46.0	14.9	
233.332	33.7	QP	17.1	-22.6	28.2	287	189	Vert.	46.0	17.8	
249.985	42.9	QP	17.3	-22.5	37.7	285	164	Vert.	46.0	8.3	
249.985	48.0	QP	17.3	-22.5	42.8	355	130	Hori.	46.0	3.2	
300.000	46.1	QP	14.6	-22.1	38.6	296	117	Hori.	46.0	7.4	
300.000	41.1	QP	14.6	-22.1	33.6	352	100	Vert.	46.0	12.4	
479.997	39.0	QP	18.3	-20.9	36.4	207	100	Hori.	46.0	9.6	
479.997	39.7	QP	18.3	-20.9	37.1	346	100	Vert.	46.0	8.9	
599.996	32.7	QP	19.7	-20.1	32.3	324	116	Hori.	46.0	13.7	
599.996	31.1	QP	19.7	-20.1	30.7	145	100	Vert.	46.0	15.3	
830.767	35.1	QP	21.8	-18.3	38.6	130	113	Hori.	46.0	7.4	
830.767	32.5	QP	21.8	-18.3	36.0	286	179	Vert.	46.0	10.0	
900.000	33.4	QP	22.0	-17.7	37.7	234	100	Hori.	46.0	8.3	
900.000	34.0	QP	22.0	-17.7	38.3	351	100	Vert.	46.0	7.7	

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

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

Radiated Spurious Emission (above 1GHz)
Tx, 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	: Development Tool	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: DTP-T1000A B	TEST DISTANCE	: 3/1m
Sample No.	: SJ0035268	DATE	: 05/14/2009 : 05/18/2009
Power	: AC 120 V / 60 Hz	TEMPERATURE	: 23deg.C : 23deg.C
Mode	: WLAN 11b 2Mbps 2437MHz	HUMIDITY	: 37% : 55%
Potision	: ANT(Hor: 90deg. , Ver: 180deg.)	ENGINEER	: Takumi Shimada : Takayuki Shimada (below 10GHz) (above 10GHz)

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	1380.0	55.3	49.8	25.2	33.9	2.2	0.0	48.8	43.3	73.9	25.1	30.6
2	1800.0	53.1	49.4	26.4	32.9	2.4	0.0	49.0	45.3	73.9	24.9	28.6
3	2200.0	50.2	47.4	27.1	32.4	2.6	0.0	47.5	44.7	73.9	26.4	29.2
4	4874.0	47.0	47.0	31.8	31.4	3.7	0.9	52.0	52.0	73.9	21.9	21.9
5	7311.0	42.4	42.2	36.1	31.9	5.7	0.9	53.2	53.0	73.9	20.7	20.9
6	9748.0	42.3	42.2	38.6	32.7	5.4	1.2	54.8	54.7	73.9	19.1	19.2
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12185.0	NS	NS	-	-	-	-	-	-	73.9	-	-
8	14622.0	NS	NS	-	-	-	-	-	-	73.9	-	-
9	17059.0	NS	NS	-	-	-	-	-	-	73.9	-	-
10	19496.0	NS	NS	-	-	-	-	-	-	73.9	-	-
11	21933.0	NS	NS	-	-	-	-	-	-	73.9	-	-
12	24370.0	44.5	44.6	38.5	30.3	8.0	0.0	51.2	51.3	73.9	22.7	22.6

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	1380.0	53.2	43.8	25.2	33.9	2.2	0.0	46.7	37.3	53.9	7.2	16.6
2	1800.0	43.5	37.4	26.4	32.9	2.4	0.0	39.4	33.3	53.9	14.5	20.6
3	2200.0	46.7	41.2	27.1	32.4	2.6	0.0	44.0	38.5	53.9	9.9	15.4
4	4874.0	38.4	37.8	31.8	31.4	3.7	0.9	43.4	42.8	53.9	10.5	11.1
5	7311.0	28.7	28.7	36.1	31.9	5.7	0.9	39.5	39.5	53.9	14.4	14.4
6	9748.0	28.7	28.7	38.6	32.7	5.4	1.2	41.2	41.2	53.9	12.7	12.7
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12185.0	NS	NS	-	-	-	-	-	-	53.9	-	-
8	14622.0	NS	NS	-	-	-	-	-	-	53.9	-	-
9	17059.0	NS	NS	-	-	-	-	-	-	53.9	-	-
10	19496.0	NS	NS	-	-	-	-	-	-	53.9	-	-
11	21933.0	NS	NS	-	-	-	-	-	-	53.9	-	-
12	24370.0	31.7	31.7	38.5	30.3	8.0	0.0	38.4	38.4	53.9	15.5	15.5

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth 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.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

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	: Development Tool	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model	: DTP-T1000A B	TEST DISTANCE	: 3m
Sample No.	: SJ0035268	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)

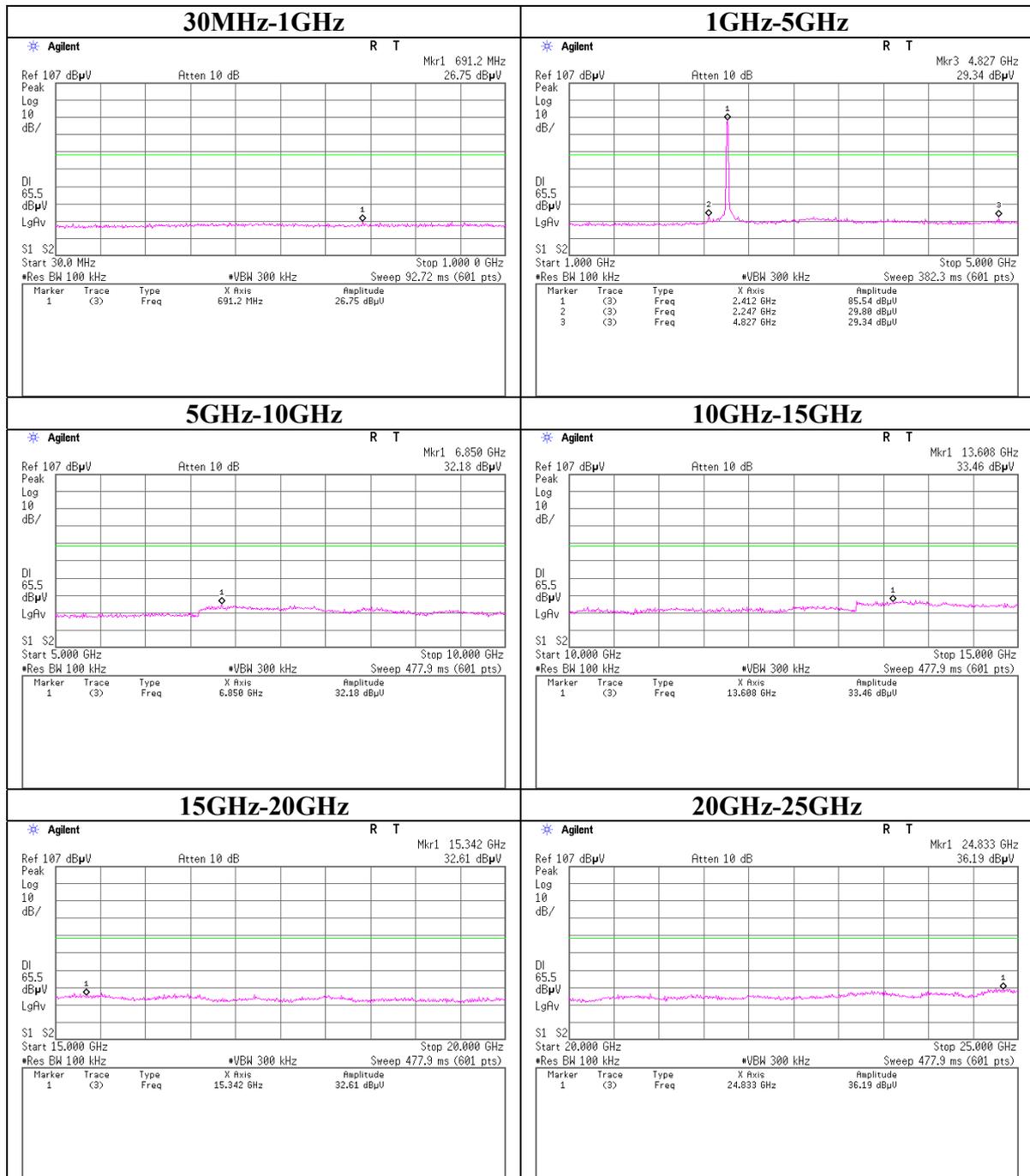
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR [dBuV]	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1380.0	51.5	48.5	25.2	33.9	2.2	0.0	45.0	42.0	73.9	28.9	31.9
2	1800.0	51.3	47.3	26.4	32.9	2.4	0.0	47.2	43.2	73.9	26.7	30.7
3	2200.0	50.0	47.4	27.1	32.4	2.6	0.0	47.3	44.7	73.9	26.6	29.2
4	2437.0	42.1	42.7	27.2	32.3	2.8	0.0	39.8	40.4	73.9	34.1	33.5

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

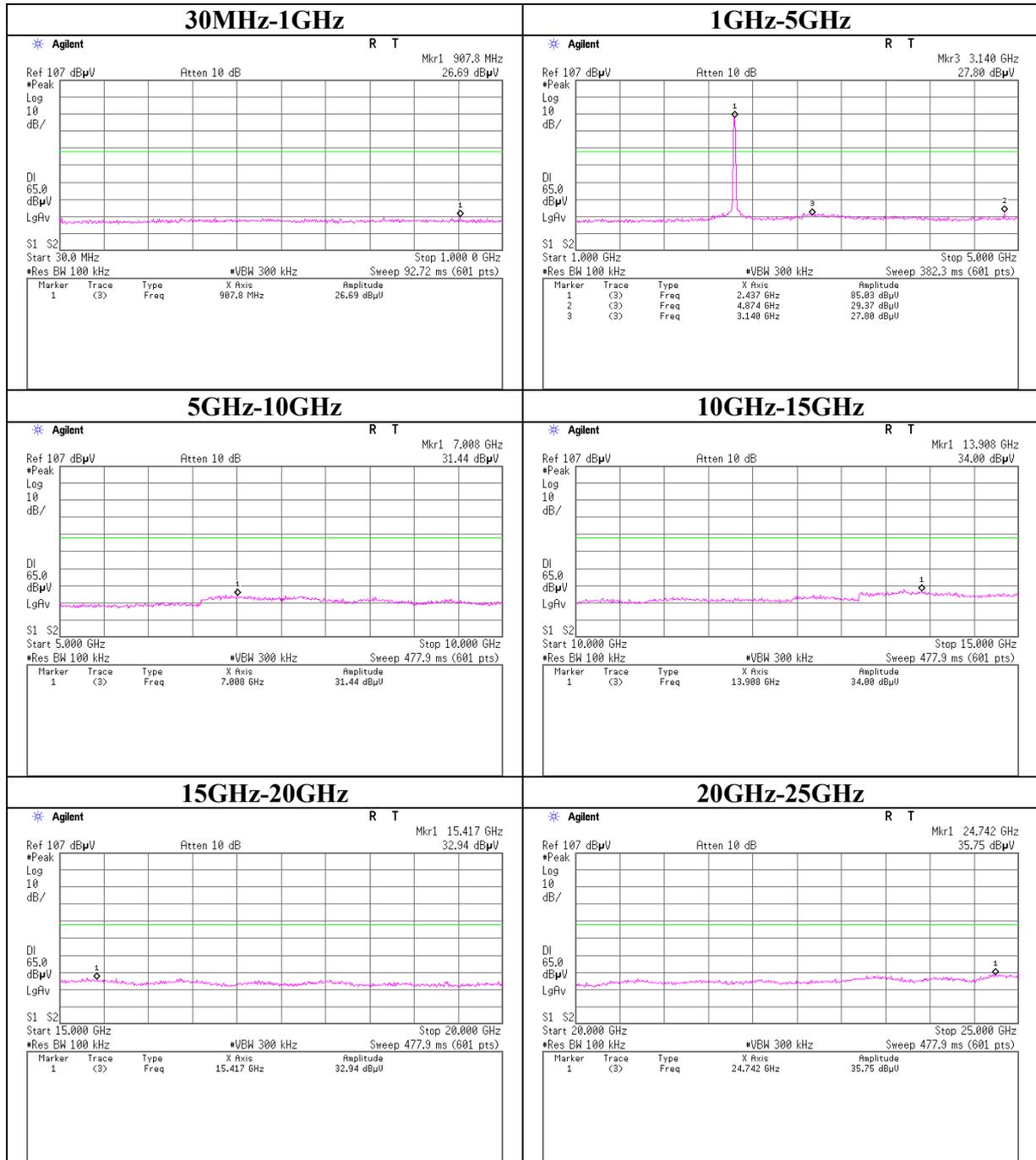
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1380.0	48.4	43.5	25.2	33.9	2.2	0.0	41.9	37.0	53.9	12.0	16.9
2	1800.0	47.3	40.9	26.4	32.9	2.4	0.0	43.2	36.8	53.9	10.7	17.1
3	2200.0	46.5	41.1	27.1	32.4	2.6	0.0	43.8	38.4	53.9	10.1	15.5
4	2437.0	28.8	28.8	27.2	32.3	2.8	0.0	26.5	26.5	53.9	27.4	27.4

*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.

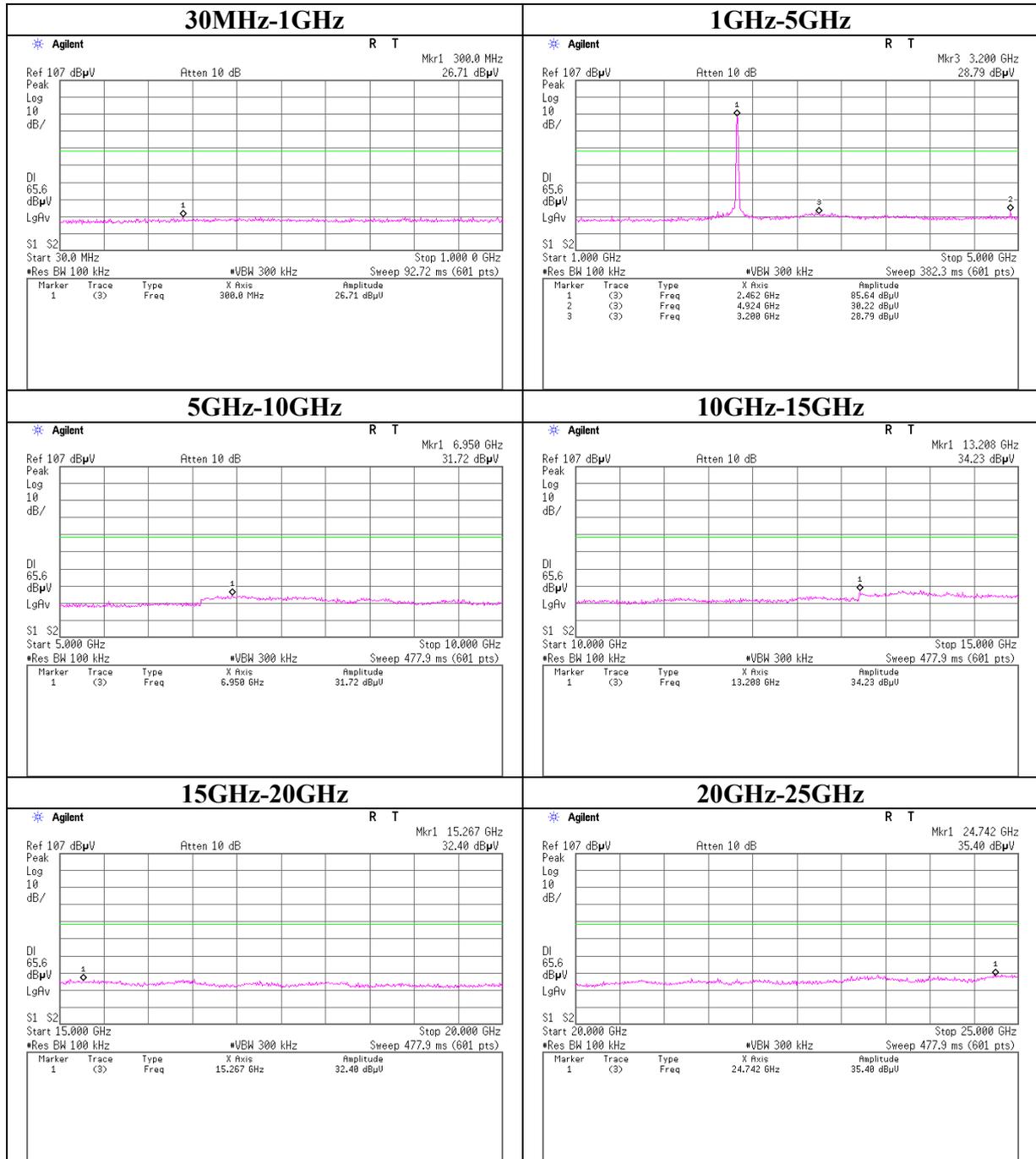
Conducted Spurious Emission
Tx, Ch: Low



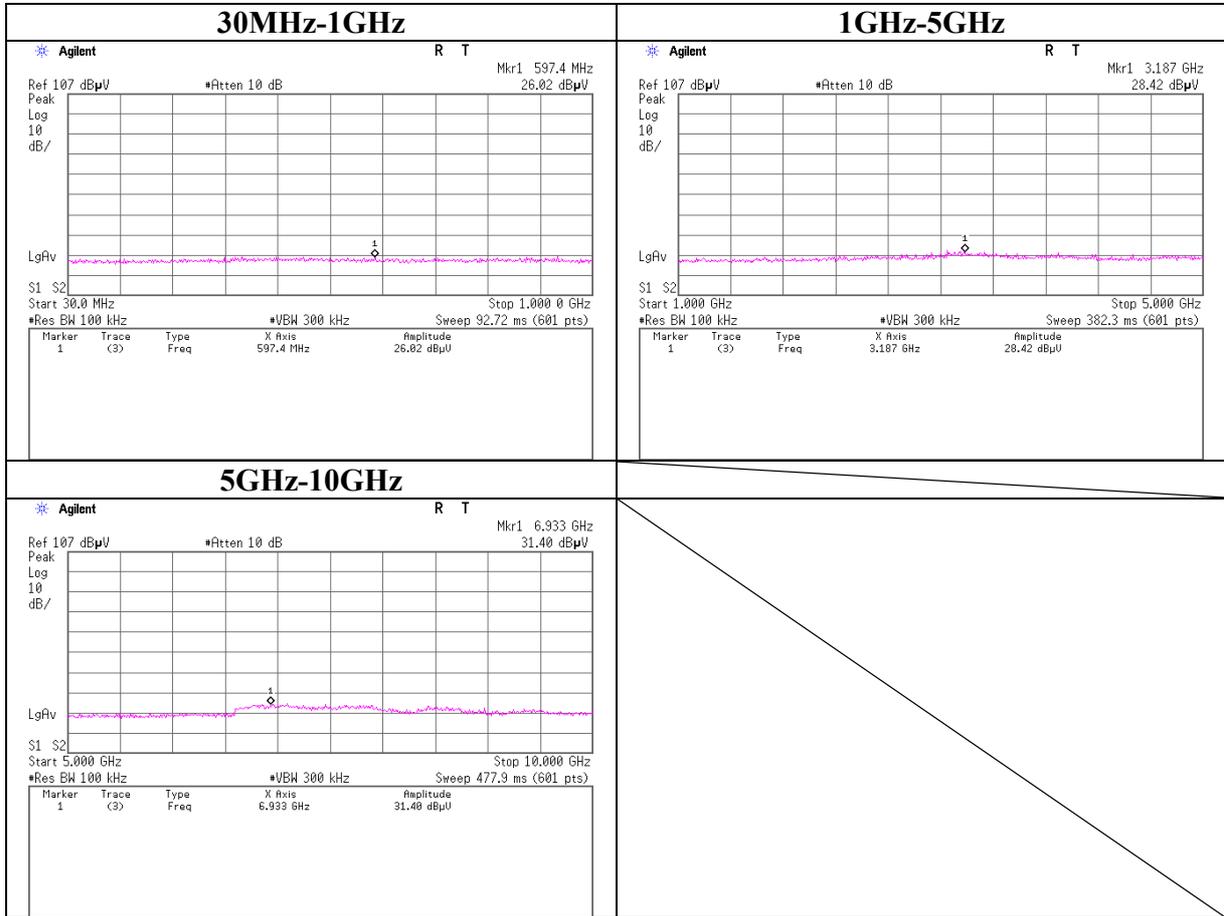
Conducted Spurious Emission
Tx, Ch: Mid



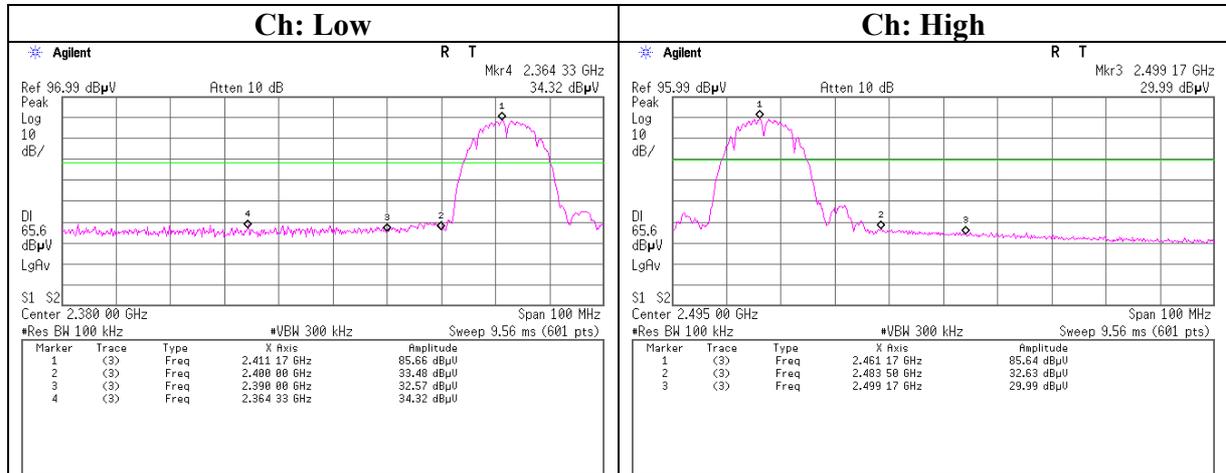
Conducted Spurious Emission
Tx, Ch: High



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	: Development Tool	Regulation	: FCC15.247(e)/RSS-210A8.2(b)
Model No.	: DTP-T1000A B	Test distance	: -
Serial No.	: SJ0006900	Date	: 05/21/2009
Power	: AC120V/60Hz	Temperature	: 24°C
Mode	: 11b Tx (Ch L, M, H) 2Mbps(Worst)	Humidity	: 56%
		Engineer	: Takayuki Shimada

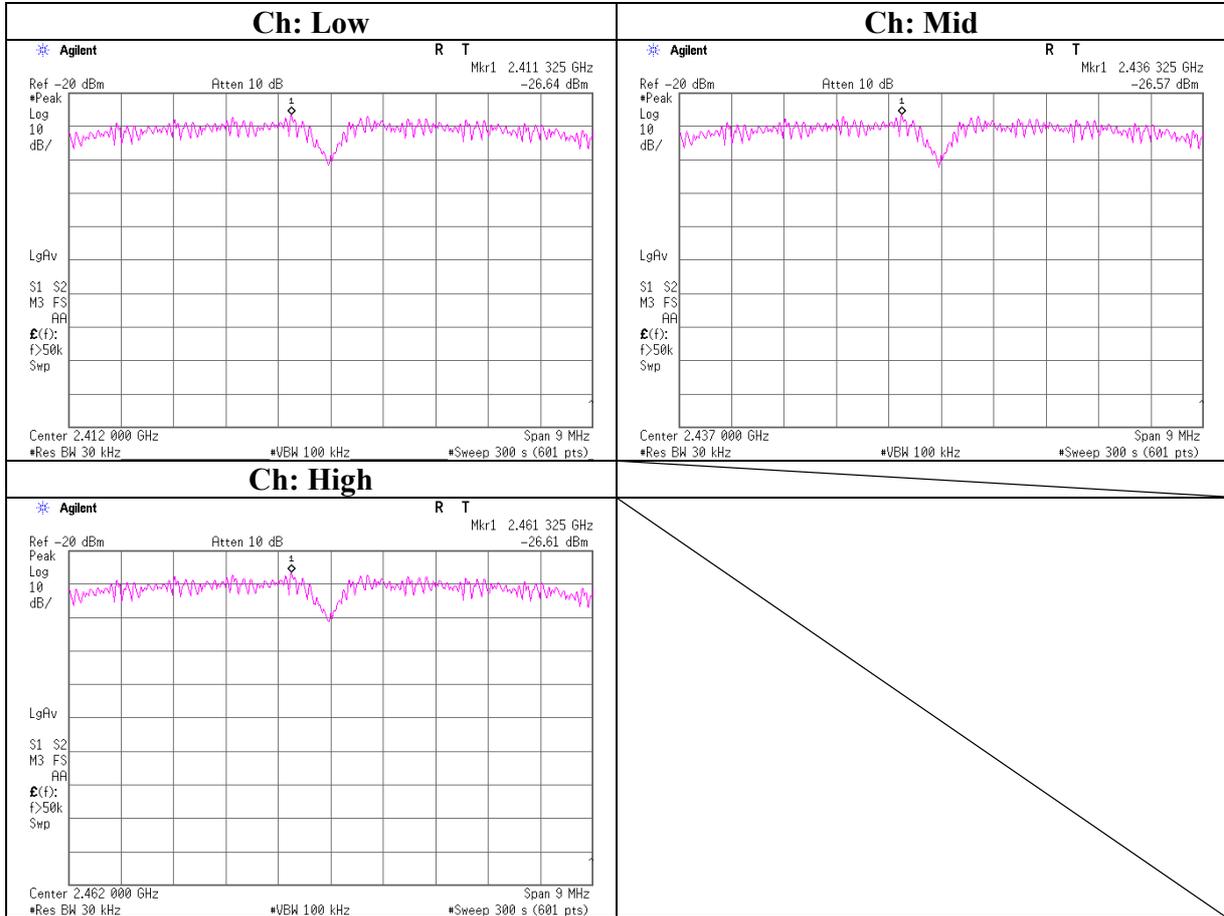
[IEEE802.11b]

Ch	Freq. [MHz]	Reading [dBm]	Cable [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2411.3	-26.64	1.97	9.98	-14.69	8.00	22.69
Mid	2436.3	-26.57	1.97	9.98	-14.62	8.00	22.62
High	2461.3	-26.61	1.98	9.98	-14.65	8.00	22.65

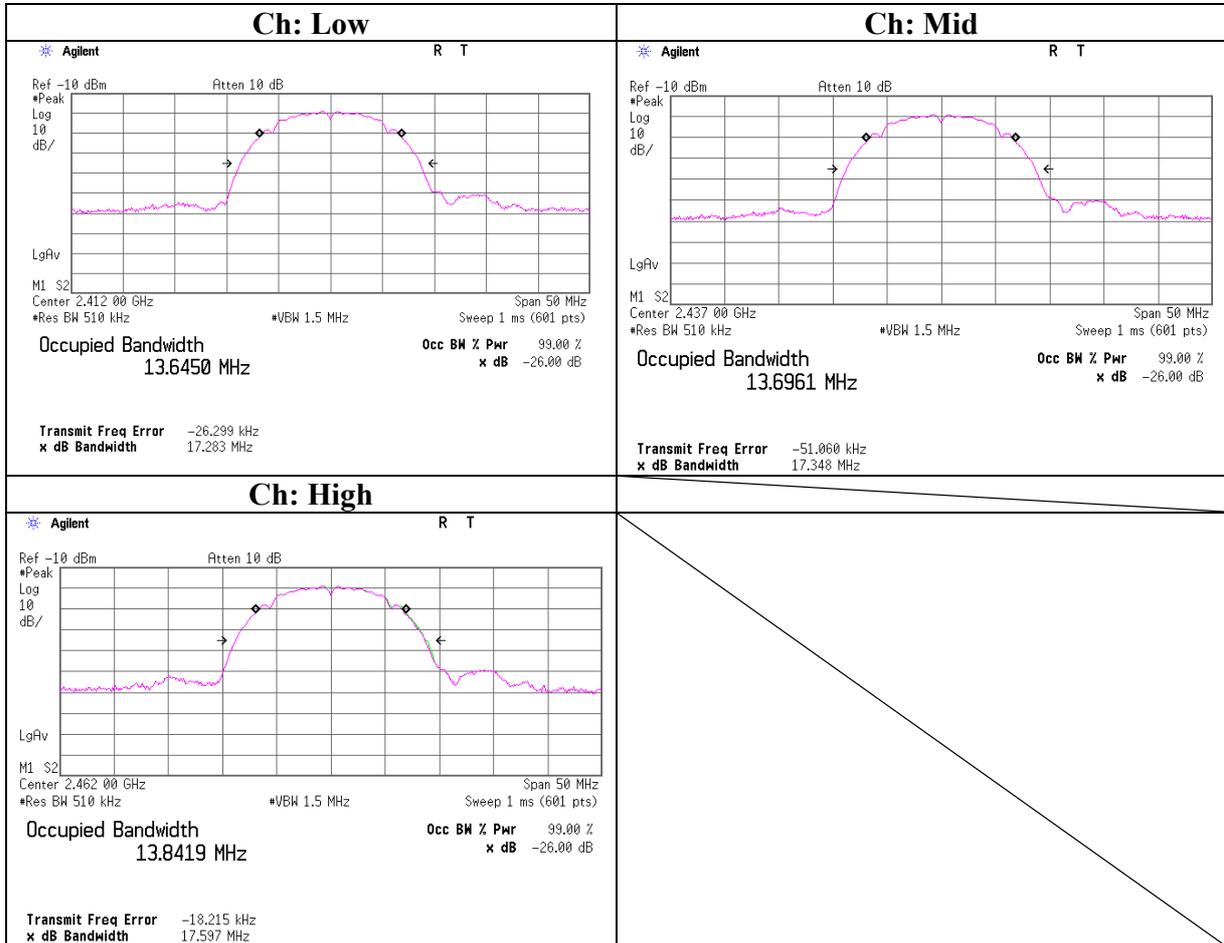
Sample Calculation:

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 / CE	2009/02/02 * 12
MOS-13	Thermo-Hygrometer	Custom	CTH-180	-	RE / CE	2009/02/06 * 12
MJM-06	Measure	PROMART	SEN1955	-	RE / CE	-
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 / CE	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
MSA-09	Spectrum Analyzer	Advantest	R3273	95090115	CE	2008/12/24 * 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-112	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

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

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

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

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

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

UL Japan, Inc.

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