

APPENDIX 2: Data of EMI test

Conducted Emission 11b, Tx Low Ch., Ant1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/05

Company : Sony Computer Entertainment Inc. Report No. : 28AE0298-HO
Kind of EUT : PLAYSTATION®3 Power : AC120V/60Hz
Model No. : CECHG01 Temp./Humi. : 26deg. C / 62%
Serial No. : 1040181 Operator : Takumi Shimada

Mode / Remarks : WLAN 11b Tx Lch_2412MHz_11Mbps_Ant1

LIMIT : FCC15.207 QP
FCC15.207 AV

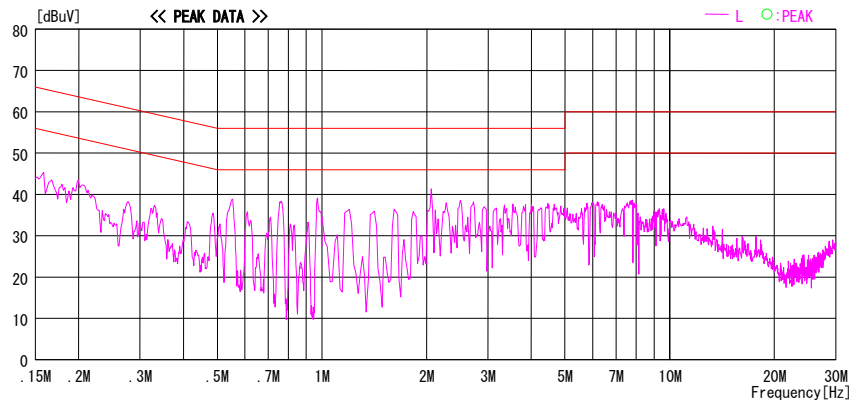
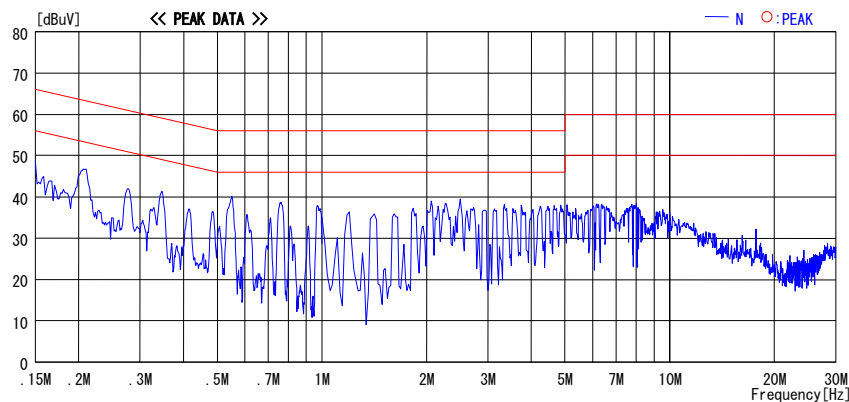


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT [dBuV] = READING [dBuV] + C. F. [dB] (L: ISN LOSS + CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Test report No. : 28AE0298-HO-C-R1
Page : 16 of 30
Issued date : September 1, 2007
Revised date : September 5, 2007
FCC ID : AK8CBEH1000

Conducted Emission

11b, Tx Mid Ch., Ant1

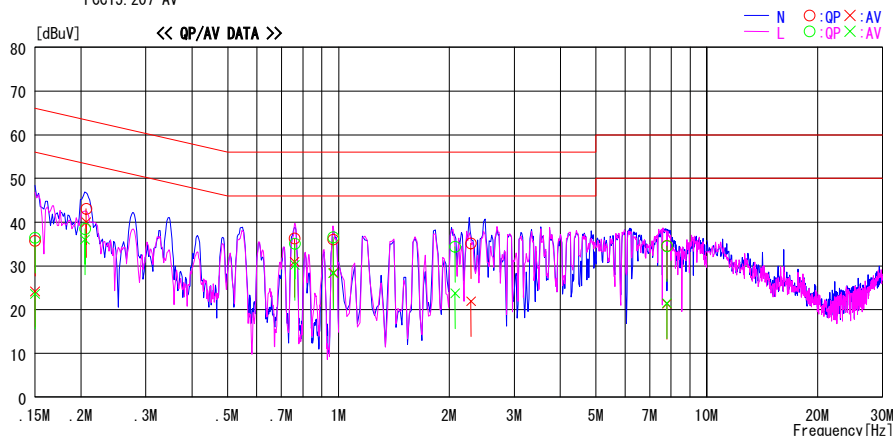
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
Date : 2007/09/05

Company : Sony Computer Entertainment Inc. Report No. : 28AE0298-HO
Kind of EUT : PLAYSTATION®3 Power : AC120V/60Hz
Model No. : CECHG01 Temp./Humi. : 26deg.C / 62%
Serial No. : 1040181 Operator : Takumi Shimada

Mode / Remarks : WLAN 11b Tx Mch_2437MHz_11Mbps_Ant1

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]		
0.15000	35.4	23.8	0.3	35.7	24.1	66.0	56.0	30.3	31.9	N	
0.20651	42.8	39.7	0.3	43.1	40.0	63.3	53.3	20.2	13.3	N	
0.75972	35.9	30.5	0.4	36.3	30.9	56.0	46.0	19.7	15.1	N	
0.96833	35.6	28.0	0.4	36.0	28.4	56.0	46.0	20.0	17.6	N	
2.28893	34.7	21.4	0.5	35.2	21.9	56.0	46.0	20.8	24.1	N	
7.79118	33.4	20.1	1.2	34.6	21.3	60.0	50.0	25.4	28.7	N	
0.15000	36.1	23.3	0.3	36.4	23.6	66.0	56.0	29.6	32.4	L	
0.20511	38.2	35.7	0.3	38.5	36.0	63.4	53.4	25.0	17.4	L	
0.76112	34.7	29.8	0.4	35.1	30.2	56.0	46.0	20.9	15.8	L	
0.96713	36.1	27.9	0.4	36.5	28.3	56.0	46.0	19.5	17.7	L	
2.07253	33.9	23.2	0.5	34.4	23.7	56.0	46.0	21.6	22.3	L	
7.79318	33.4	20.2	1.2	34.6	21.4	60.0	50.0	25.5	28.6	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.

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
11b, Tx High Ch., Ant1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
Date : 2007/09/05

Company	: Sony Computer Entertainment Inc.	Report No.	: 28AE0298-HO
Kind of EUT	: PLAYSTATION®3	Power	: AC120V/60Hz
Model No.	: CECHG01	Temp./Humi.	: 26deg.C / 62%
Serial No.	: 1040181	Operator	: Takumi Shimada

Mode / Remarks : WLAN 11b Tx Hch_2462MHz_11Mbps_Ant1

LIMIT : FCC15.207 QP
FCC15.207 AV

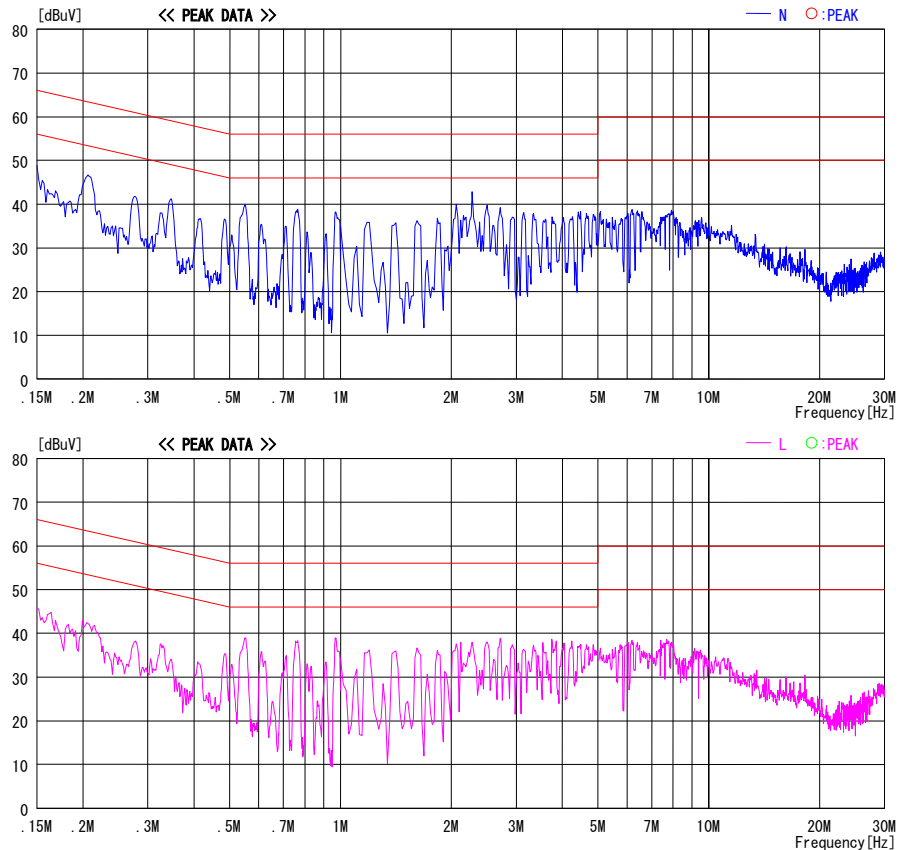


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Test report No. : 28AE0298-HO-C-R1
Page : 18 of 30
Issued date : September 1, 2007
Revised date : September 5, 2007
FCC ID : AK8CBEH1000

Conducted Emission 11g, Tx Low Ch., Ant1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
Date : 2007/09/05

Company	: Sony Computer Entertainment Inc.	Report No.	: 28AE0298-HO
Kind of EUT	: PLAYSTATION®3	Power	: AC120V/60Hz
Model No.	: CECHG01	Temp./Humi.	: 26deg.C / 62%
Serial No.	: 1040181	Operator	: Takumi Shimada

Mode / Remarks : WLAN 11g Tx Lch_2412MHz_54Mbps_Ant1

LIMIT : FCC15.207 QP
FCC15.207 AV

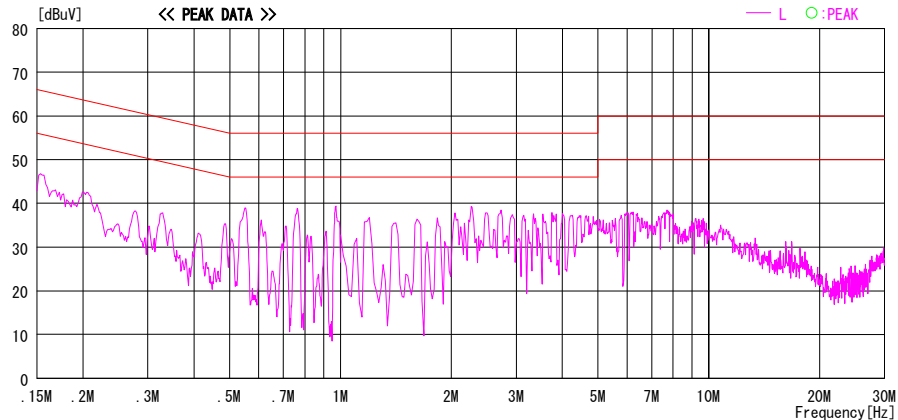
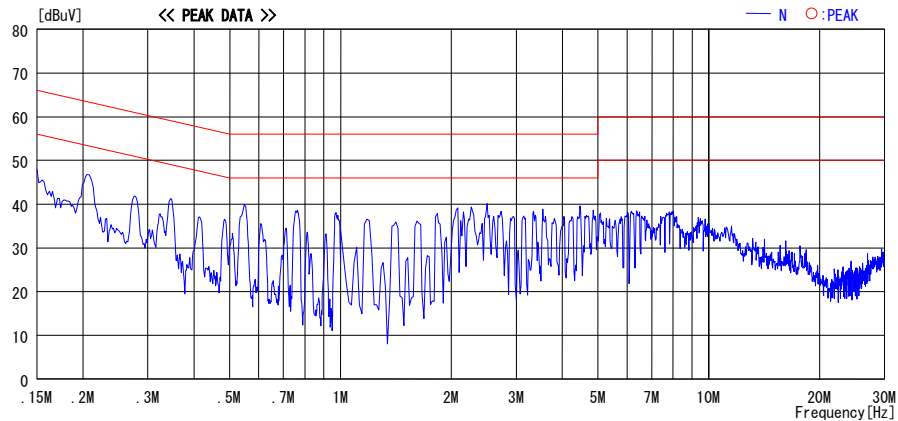


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

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

Test report No. : 28AE0298-HO-C-R1
Page : 19 of 30
Issued date : September 1, 2007
Revised date : September 5, 2007
FCC ID : AK8CBEH1000

Conducted Emission

11g, Tx Mid Ch., Ant1

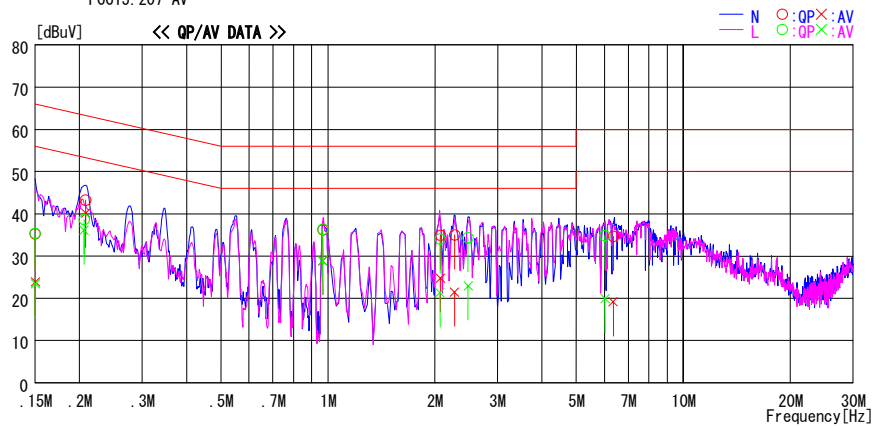
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/05

Company : Sony Computer Entertainment Inc. Report No. : 28AE0298-HO
Kind of EUT : PLAYSTATION®3 Power : AC120V/60Hz
Model No. : CECH601 Temp./Humi. : 26deg.C / 62%
Serial No. : 1040181 Operator : Takumi Shimada

Mode / Remarks: WLAN 11g Tx Mch_2437MHz_54Mbps_Ant1

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]		
0.15000	35.0	23.6	0.3	35.3	23.9	66.0	56.0	30.8	32.1	N	
0.20792	42.9	39.8	0.3	43.2	40.1	63.3	53.3	20.1	13.2	N	
0.96774	35.8	28.5	0.4	36.2	28.9	56.0	46.0	19.8	17.1	N	
2.07373	34.4	24.3	0.5	34.9	24.8	56.0	46.0	21.1	21.2	N	
2.27293	34.5	21.0	0.5	35.0	21.5	56.0	46.0	21.0	24.5	N	
6.35634	33.7	18.2	1.0	34.7	19.2	60.0	50.0	25.3	30.8	N	
0.15000	35.1	23.1	0.3	35.4	23.4	66.0	56.0	30.6	32.6	L	
0.20593	38.4	35.9	0.3	38.7	36.2	63.4	53.4	24.8	17.3	L	
0.96733	36.0	28.5	0.4	36.4	28.9	56.0	46.0	19.6	17.1	L	
2.06653	33.5	20.8	0.5	34.0	21.3	56.0	46.0	22.0	24.7	L	
2.47897	33.8	22.3	0.6	34.4	22.9	56.0	46.0	21.6	23.1	L	
6.02114	33.9	18.9	1.0	34.9	19.9	60.0	50.0	25.1	30.1	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.

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
11g, Tx High Ch., Ant1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/05

Company : Sony Computer Entertainment Inc. Report No. : 28AE0298-HO
Kind of EUT : PLAYSTATION®3 Power : AC120V/60Hz
Model No. : CECHG01 Temp./Humi. : 26deg.C / 62%
Serial No. : 1040181 Operator : Takumi Shimada

Mode / Remarks : WLAN 11g Tx Hch_2462MHz_54Mbps_Ant1

LIMIT : FCC15.207 QP
FCC15.207 AV

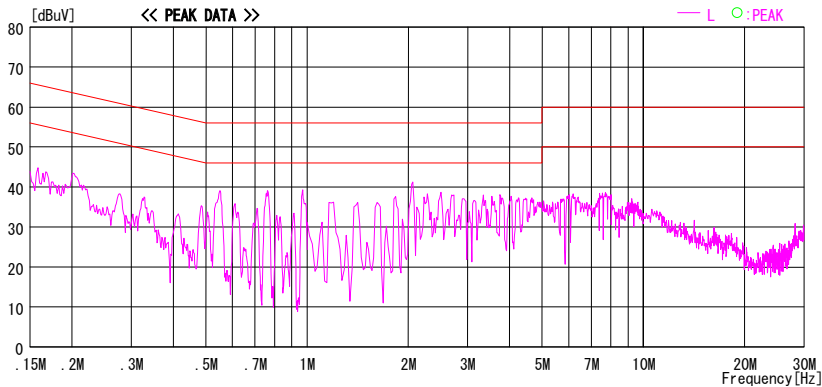
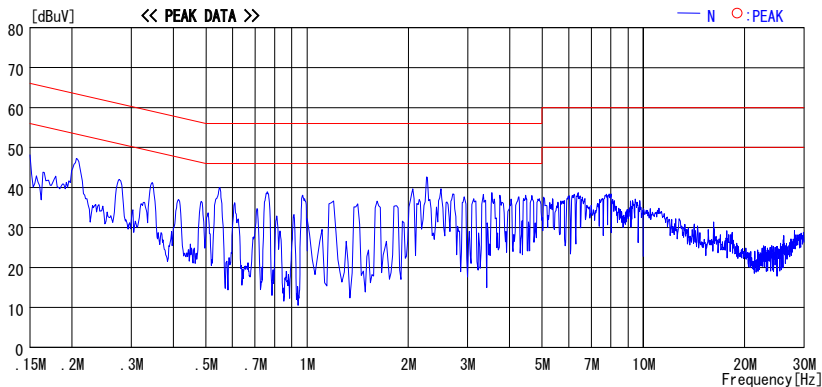


CHART:WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
11b/g, Rx Mid Ch., Ant1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/05

Company : Sony Computer Entertainment Inc. Report No. : 28AE0298-HO
Kind of EUT : PLAYSTATION®3 Power : AC120V/60Hz
Model No. : CECHG01 Temp./Humi. : 26deg. C / 62%
Serial No. : 1040181 Operator : Takumi Shimada

Mode / Remarks : WLAN Rx Mch_2437MHz_Ant1

LIMIT : FCC15.207 QP
FCC15.207 AV

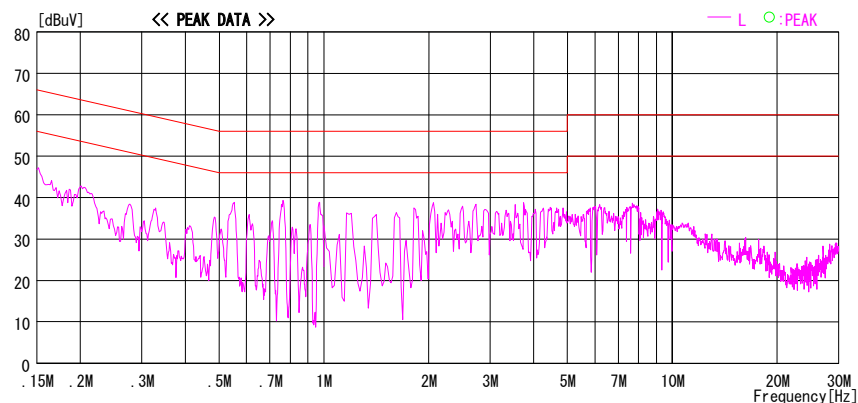
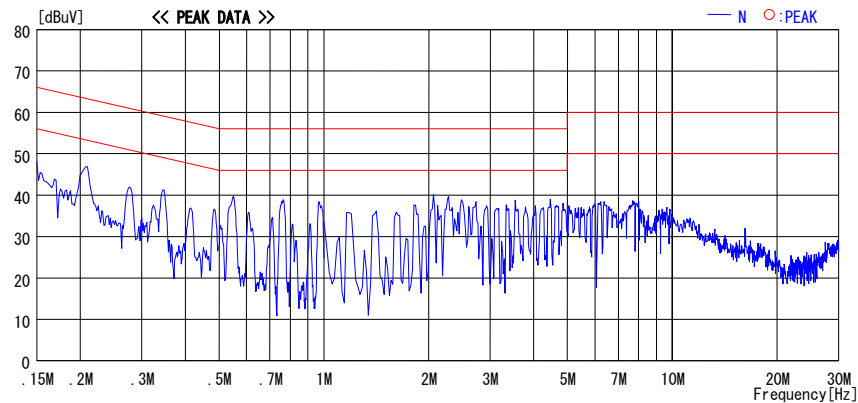


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
11b, Tx Mid Ch., Ant0

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/05

Company : Sony Computer Entertainment Inc. Report No. : 28AE0298-HO
Kind of EUT : PLAYSTATION®3 Power : AC120V/60Hz
Model No. : CECHG01 Temp./Humi. : 26deg. C / 62%
Serial No. : 1040181 Operator : Takumi Shimada

Mode / Remarks : WLAN 11b Tx Mch_2437MHz_11Mbps_Ant0

LIMIT : FCC15.207 QP
FCC15.207 AV

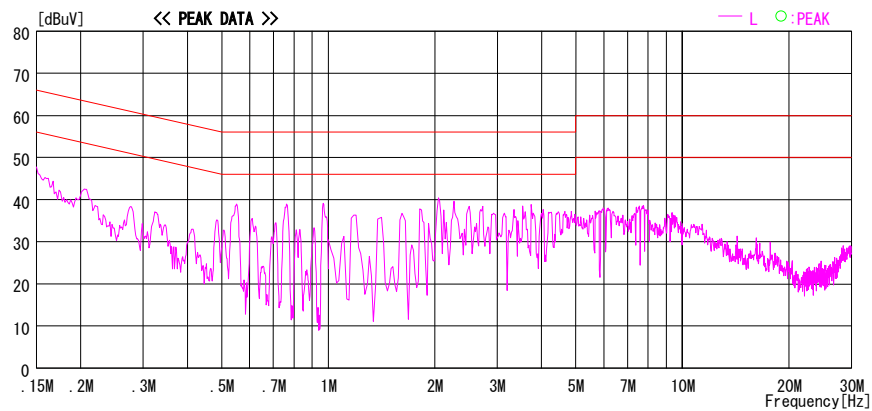
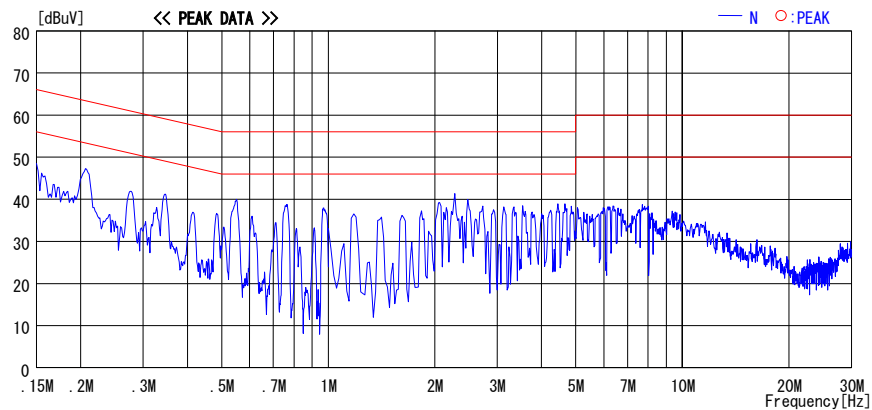


CHART:WITH FACTOR, Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C. F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
11g, Tx Mid Ch., Ant0

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/05

Company : Sony Computer Entertainment Inc. Report No. : 28AE0298-HO
Kind of EUT : PLAYSTATION®3 Power : AC120V/60Hz
Model No. : CECH601 Temp./Humi. : 26deg. C / 62%
Serial No. : 1040181 Operator : Takumi Shimada

Mode / Remarks : WLAN 11g Tx Mch_2437MHz_11Mbps_Ant0

LIMIT : FCC15.207 QP
FCC15.207 AV

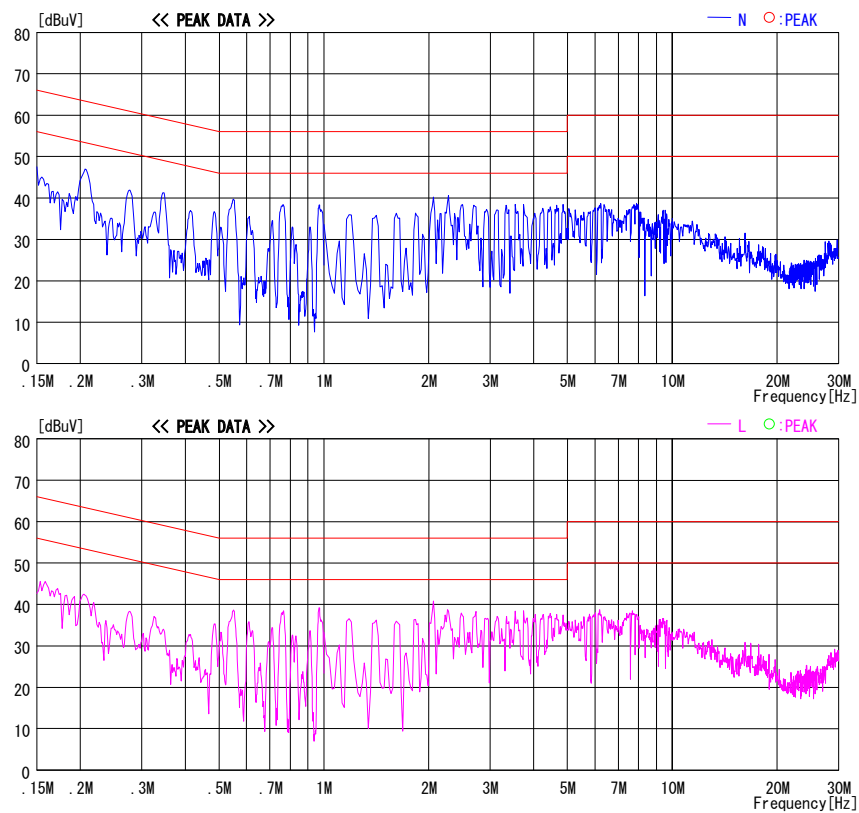


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
11b/g, Rx Mid Ch., Ant0

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/09/05

Company : Sony Computer Entertainment Inc. Report No. : 28AE0298-HO
Kind of EUT : PLAYSTATION®3 Power : AC120V/60Hz
Model No. : CECH601 Temp./Humi. : 26deg.C / 62%
Serial No. : 1040181 Operator : Takumi Shimada

Mode / Remarks : WLAN Rx Mch_2437MHz_Ant0

LIMIT : FCC15.207 OP
FCC15.207 AV

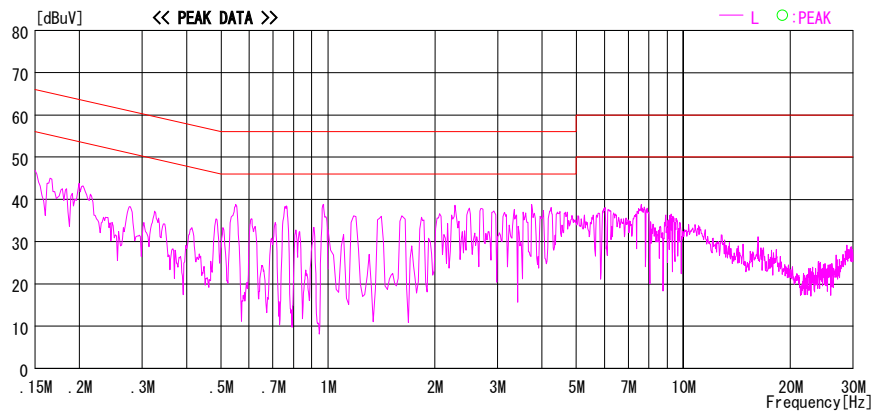
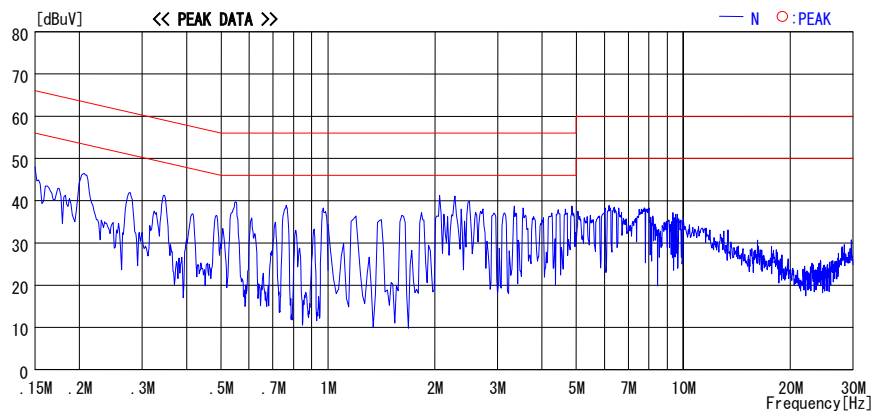


CHART:WITH FACTOR, Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Maximum Peak Output Power

Compare to the original test report 27AE0069-HO-B, difference in Maximum Peak Output power is within +/-0.5dB.

Ant0 Step 1

[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	7.27	0.60	10.02	17.89	61.52	30.00	1000	12.11
Mid	2437.0	2	7.30	0.60	10.02	17.92	61.94	30.00	1000	12.08
Mid	2437.0	5.5	6.36	0.60	10.02	16.98	49.89	30.00	1000	13.02
Mid	2437.0	11	6.86	0.60	10.02	17.48	55.98	30.00	1000	12.52

[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	9.32	0.60	10.02	19.94	98.63	30.00	1000	10.06
Mid	2437.0	9	9.59	0.60	10.02	20.21	104.95	30.00	1000	9.79
Mid	2437.0	12	9.15	0.60	10.02	19.77	94.84	30.00	1000	10.23
Mid	2437.0	18	9.12	0.60	10.02	19.74	94.19	30.00	1000	10.26
Mid	2437.0	24	9.79	0.60	10.02	20.41	109.90	30.00	1000	9.59
Mid	2437.0	36	9.72	0.60	10.02	20.34	108.14	30.00	1000	9.66
Mid	2437.0	48	9.75	0.60	10.02	20.37	108.89	30.00	1000	9.63

Step 2

[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	7.47	0.60	10.02	18.09	64.42	30.00	1000	11.91
Mid	2437.0	2	7.30	0.60	10.02	17.92	61.94	30.00	1000	12.08
High	2462.0	2	6.85	0.60	10.02	17.47	55.85	30.00	1000	12.53

[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	24	9.74	0.60	10.02	20.36	108.64	30.00	1000	9.64
Mid	2437.0	24	9.79	0.60	10.02	20.41	109.90	30.00	1000	9.59
High	2462.0	24	9.39	0.60	10.02	20.01	100.23	30.00	1000	9.99

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

Facsimile : +81 596 24 8124

Ant1 Step 1

[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	6.83	0.60	10.02	17.45	55.59	30.00	1000	12.55
Mid	2437.0	2	6.92	0.60	10.02	17.54	56.75	30.00	1000	12.46
Mid	2437.0	5.5	6.42	0.60	10.02	17.04	50.58	30.00	1000	12.96
Mid	2437.0	11	5.80	0.60	10.02	16.42	43.85	30.00	1000	13.58

[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	8.74	0.60	10.02	19.36	86.30	30.00	1000	10.64
Mid	2437.0	9	8.40	0.60	10.02	19.02	79.80	30.00	1000	10.98
Mid	2437.0	12	8.82	0.60	10.02	19.44	87.90	30.00	1000	10.56
Mid	2437.0	18	8.34	0.60	10.02	18.96	78.70	30.00	1000	11.04
Mid	2437.0	24	9.08	0.60	10.02	19.70	93.33	30.00	1000	10.30
Mid	2437.0	36	8.76	0.60	10.02	19.38	86.70	30.00	1000	10.62
Mid	2437.0	48	8.82	0.60	10.02	19.44	87.90	30.00	1000	10.56
Mid	2437.0	54	8.72	0.60	10.02	19.34	85.90	30.00	1000	10.66

Step 2

[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	6.82	0.60	10.02	17.44	55.46	30.00	1000	12.56
Mid	2437.0	2	6.92	0.60	10.02	17.54	56.75	30.00	1000	12.46
High	2462.0	2	7.02	0.60	10.02	17.64	58.08	30.00	1000	12.36

[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	24	8.72	0.60	10.02	19.34	85.90	30.00	1000	10.66
Mid	2437.0	24	9.35	0.60	10.02	19.97	99.31	30.00	1000	10.03
High	2462.0	24	8.86	0.60	10.02	19.48	88.72	30.00	1000	10.52

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

Facsimile : +81 596 24 8124

Worst Case Test of Radiated Spurious Emission
(WLAN IEEE 802.11g, Ant1)

Company	Sony Computer Entertainment Inc.	UL Japan, Inc.
Equipment	PLAYSTATION®3	Head Office EMC Lab. No.3 semi-anechoic chamber
Model	CECHG01	Regulation FCC15.247(d) / RSS-210 A8.5
S/N	1040181	Test Distance 3m
Power	AC 120V / 60Hz	Date 08/31/2007
Mode	WLAN IEEE 802.11g Tx Ant 1, 11Mbps/Rx	Temperature 26 deg.C.
EUT-Axis	Worst-axis (H: X, V: X)	Humidity 50 %
		Engineer Takumi Shimada

QP DETECT Tx Lch

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Hi Pass												
1	430.9	43.9	38.5	17.7		21.2	0.0	40.4	35.0	46.0	5.6	11.0

QP DETECT Rx

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER					Factor	GAIN		LOSS	Filter
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Hi Pass												
1	474.7	34.6	42.8	18.2		20.9	0.0	31.9	40.1	46.0	14.1	5.9

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

Radiated Spurious Emission

(Band edge and Carrier level)

(WLAN IEEE 802.11b, Ant1)

Company Sony Computer Entertainment Inc.
Equipment PLAYSTATION®3
Model CECHG01
S/N 1040181
Power AC 120V / 60Hz
Mode WLAN IEEE 802.11b, Ant1, 11Mbps
EUT-Axis Worst-axis (H: X, V: X)

UL Japan, Inc.
Head Office EMC Lab. No.3 semi-anechoic chamber
Regulation FCC15.247(d) / RSS-210 A8.5
Test Distance 3m
Date 08/27/2007
Temperature 26 deg.C.
Humidity 50 %
Engineer Takumi Shimada

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Hi Pass												
1	2390.0	52.0	51.2	27.3	31.5	3.0	0.0	50.8	50.0	74.0	23.2	24.0
2*	2400.0	58.7	59.0	27.3	31.5	3.0	0.0	57.5	57.8	74.0	-	-
3	2483.5	54.3	50.1	27.4	31.5	3.1	0.0	53.3	49.1	74.0	20.7	24.9

* Reference data

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Hi Pass												
1	2390.0	40.2	40.1	27.3	31.5	3.0	0.0	39.0	38.9	54.0	15.0	15.1
2*	2400.0	49.6	50.5	27.3	31.5	3.0	0.0	48.4	49.3	54.0	-	-
3	2483.5	40.6	35.8	27.4	31.5	3.1	0.0	39.6	34.8	54.0	14.4	19.2

* Reference data

20dBc(Fundamental) (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 [dBuV/m]	VER [dBuV/m]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Hi Pass												
0	2412.0	102.0	103.7	27.3	31.5	3.0	0.0	100.8	102.5	-	-	-
0	2437.0	103.6	100.4	27.4	31.5	3.1	0.0	102.6	99.4	-	-	-
0	2462.0	104.0	100.6	27.4	31.5	3.1	0.0	103.0	99.6	-	-	-
2*	2400.0	50.7	53.4	27.3	31.5	3.0	0.0	49.5	52.2	82.5	33.0	30.3

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5 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.

*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

Facsimile : +81 596 24 8124

Radiated Spurious Emission

(Band edge and Carrier level)

(WLAN IEEE 802.11g, Ant1)

		UL Japan, Inc.
Company	Sony Computer Entertainment Inc.	Head Office EMC Lab. No.3 semi-anechoic chamber
Equipment	PLAYSTATION®3	Regulation FCC15.247(d) / RSS-210 A8.5
Model	CECHG01	Test Distance 3m
S/N	1040181	Date 08/27/2007
Power	AC 120V / 60Hz	Temperature 26 deg.C.
Mode	WLAN IEEE 802.11g, Ant1, 54Mbps	Humidity 50 %
EUT-Axis	Worst-axis (H: X, V: X)	Engineer Takumi Shimada

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Hi Pass												
1	2390.0	55.6	53.9	27.3	31.5	3.0	0.0	54.4	52.7	74.0	19.6	21.3
2*	2400.0	75.3	73.6	27.3	31.5	3.0	0.0	74.1	72.4	74.0	-	-
3	2483.5	60.0	57.4	27.4	31.5	3.1	0.0	59.0	56.4	74.0	15.0	17.6

* Reference data

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Hi Pass												
1	2390.0	41.1	39.3	27.3	31.5	3.0	0.0	39.9	38.1	54.0	14.1	15.9
2*	2400.0	54.8	52.4	27.3	31.5	3.0	0.0	53.6	51.2	54.0	-	-
3	2483.5	43.4	40.6	27.4	31.5	3.1	0.0	42.4	39.6	54.0	11.6	14.4

* Reference data

20dBc(Fundamental) (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 [dBuV/m]	VER					HOR [dBuV/m]	VER		HOR [dB]	VER [dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Hi Pass												
0	2412.0	94.8	93.8	27.3	31.5	3.0	0.0	93.6	92.6	-	-	-
0	2437.0	96.1	93.4	27.4	31.5	3.1	0.0	95.1	92.4	-	-	-
0	2462.0	95.3	93.0	27.4	31.5	3.1	0.0	94.3	92.0	-	-	-
2*	2400.0	61.0	61.7	27.3	31.5	3.0	0.0	59.8	60.5	73.6	13.8	13.1

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5 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.

*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

Facsimile : +81 596 24 8124

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	2007/03/05 * 12
MSA-09	Spectrum Analyzer	Advantest	R3273	RE	2006/12/08 * 12
MHA-20	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	RE	2007/04/14 * 12
MCC-56	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2007/03/29 * 12
MPA-11	MicroWave System Amplifier	Agilent	83017A	RE	2007/03/02 * 12
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE	-
MOS-12	Thermo-Hygrometer	Custom	CTH-180	RE	2006/01/19 * 24
MLDM-03	Digital laser distance meter	BOSCH	DLE 50	RE	2007/06/21 * 36
MPM-09	Power Meter	Anritsu	ML2495A	AT	2006/09/20 * 12
MPSE-12	Power sensor	Anritsu	MA2411B	AT	2006/09/20 * 12
MAT-22	Attenuator(10dB) DC-18GHz	Orient Microwave	BX10-0476-00	AT	2007/03/07 * 12
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	CE	2007/04/02 * 12
MTR-03	Test Receiver	Rohde & Schwarz	ESCI	CE	2007/03/01 * 12
MCC-13	Coaxial Cable	Fujikura/Agilent	-	CE	2007/02/27 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	CE (EUT)	2007/02/22 * 12
MLS-07	LISN(AMN)	Schwarzbeck	NSLK8127	CE (AE)	2007/02/22 * 12
MTA-06	Terminator	MCL	BTRM-50	CE	2007/02/01 * 12
MOS-02	Digital Humidity Indicator	N.T	NT-1800	CE	2006/11/27 * 12
MJM-05	Measure	PROMART	SEN1955	CE	-
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	CE	-

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.

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