

**APPENDIX 2: Data of EMI test**

**Conducted Emission**

**BDR, Tx, Ch: Low  
(Power Supply: SONY)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHLO1	Temp./Humi.	: 24 deg.C. / 67%
Serial No.	: 1080015	Engineer	: Kenichi Adachi

Mode / Remarks: BT, DH5, Tx 2402MHz, Power Supply(SONY)

LIMIT : FCC15.207 QP  
FCC15.207 AV

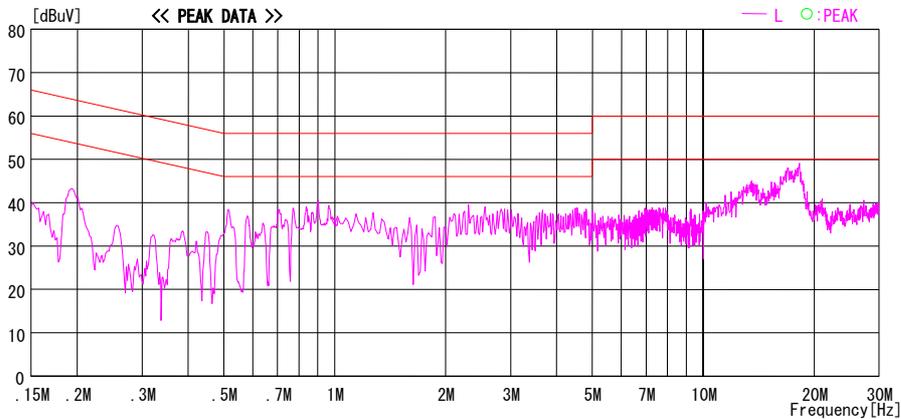
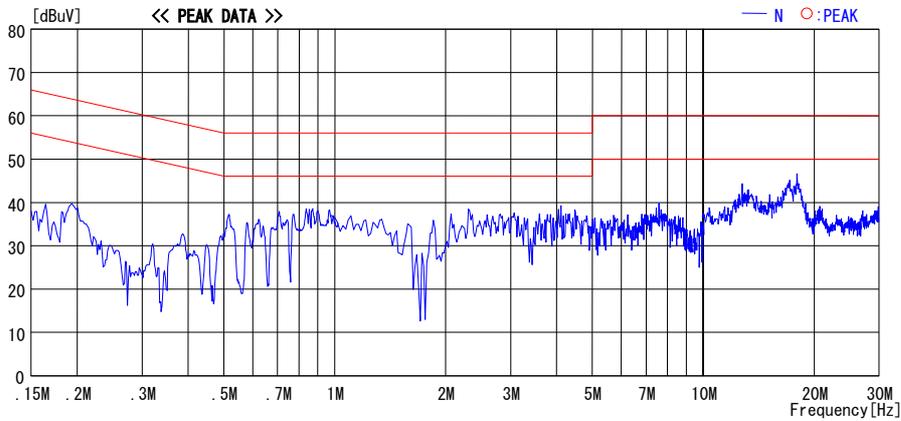


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)  
Except for the above table: adequate margin data below the limits.

**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**  
**BDR, Tx, Ch: Mid**  
**(Power Supply: SONY)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
 Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHL01	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 1080015	Engineer	: Kenichi Adachi

Mode / Remarks: BT, DH5, Tx 2441MHz, Power Supply(SONY)

LIMIT : FCC15.207 QP  
 FCC15.207 AV

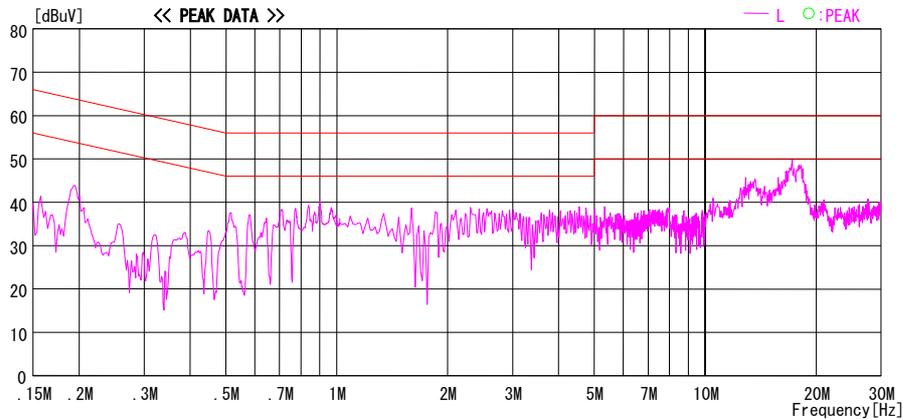
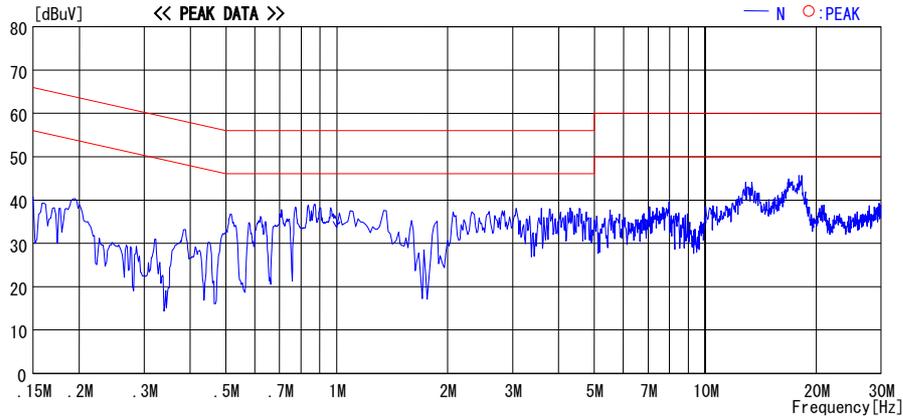


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F[db] (LISN LOSS+CABLE LOSS)  
 Except for the above table: adequate margin data below the limits.

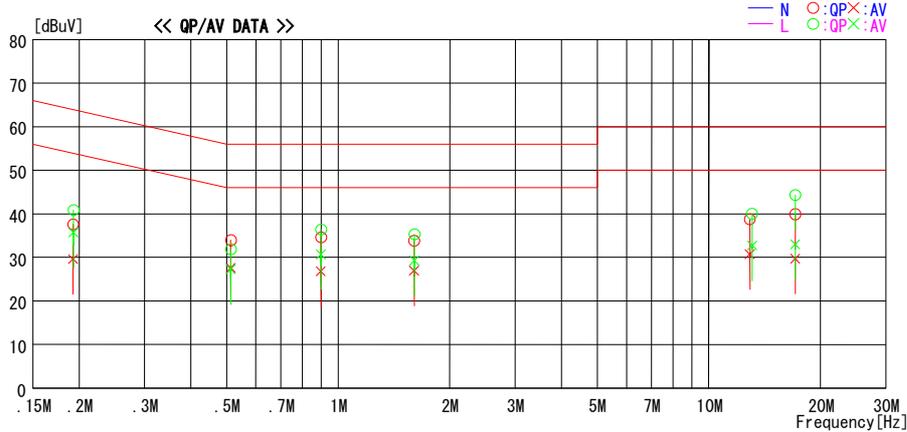
**Conducted Emission**  
**BDR, Tx, Ch: Mid**  
**(Power Supply: SONY)**  
**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
Date : 2008/07/02

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC 120V / 60Hz  
Model No. : CECHL01 Temp./Humi. : 24 deg. C. / 67%  
Serial No. : 1080015 Engineer : Kenichi Adachi

Mode / Remarks: BT, DH5, Tx 2441MHz, Power Supply(SONY)

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]		
0.19260	37.4	29.4	0.2	37.6	29.6	63.9	53.9	26.3	24.3	N	
0.51354	33.7	27.3	0.3	34.0	27.6	56.0	46.0	22.0	18.4	N	
0.89803	34.2	26.4	0.4	34.6	26.8	56.0	46.0	21.4	19.2	N	
1.60270	33.4	26.6	0.4	33.8	27.0	56.0	46.0	22.2	19.0	N	
12.89850	37.3	29.4	1.4	38.7	30.8	60.0	50.0	21.3	19.3	N	
17.12076	38.3	28.1	1.6	39.9	29.7	60.0	50.0	20.1	20.3	N	
0.19298	40.7	35.5	0.2	40.9	35.7	63.9	53.9	23.0	18.2	L	
0.51330	31.5	27.0	0.3	31.8	27.3	56.0	46.0	24.2	18.7	L	
0.89850	36.0	30.3	0.4	36.4	30.7	56.0	46.0	19.6	15.3	L	
1.60447	34.9	28.9	0.4	35.3	29.3	56.0	46.0	20.7	16.7	L	
13.08780	38.7	31.3	1.4	40.1	32.7	60.0	50.0	20.0	17.3	L	
17.12010	42.7	31.4	1.6	44.3	33.0	60.0	50.0	15.7	17.0	L	

CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.[dB] (L ISN 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**  
**BDR, Tx, Ch: High**  
**(Power Supply: SONY)**  
**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
 Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHL01	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 1080015	Engineer	: Kenichi Adachi

Mode / Remarks: BT, DH5, Tx 2480MHz, Power Supply(SONY)

LIMIT : FCC15.207 QP  
FCC15.207 AV

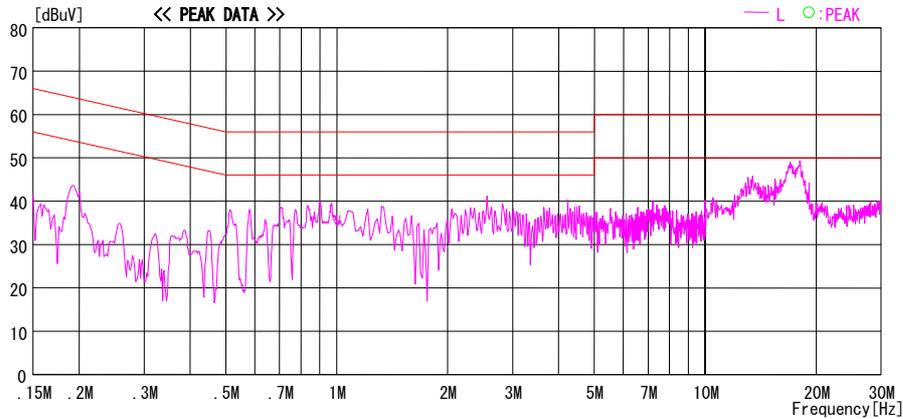
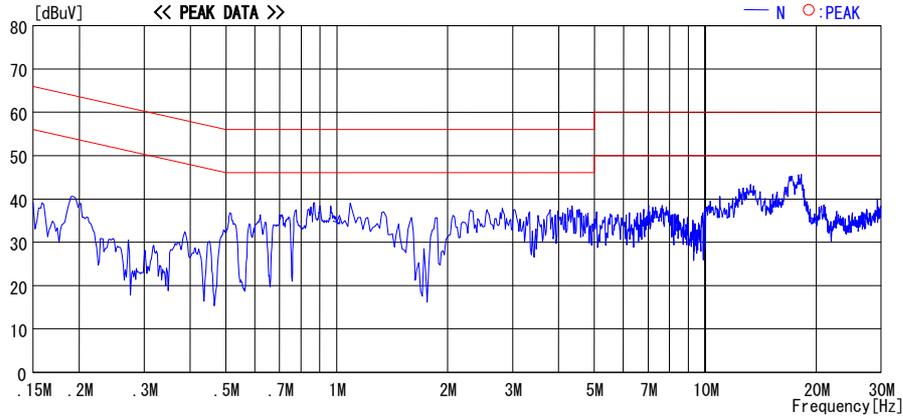


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)  
 Except for the above table: adequate margin data below the limits.

**Conducted Emission**  
**EDR, Tx, Ch: Low**  
**(Power Supply: SONY)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
 Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHL01	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 1080015	Engineer	: Kenichi Adachi

Mode / Remarks: BT, 3-DH5, Tx 2402MHz, Power Supply(SONY)

LIMIT : FCC15.207 QP  
 FCC15.207 AV

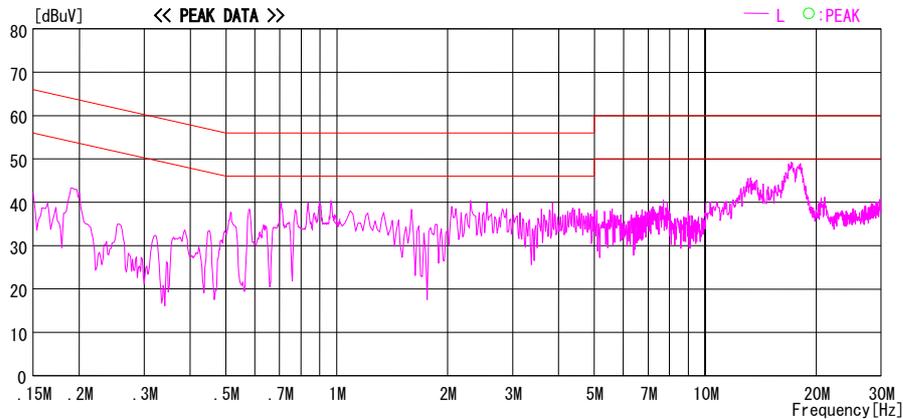
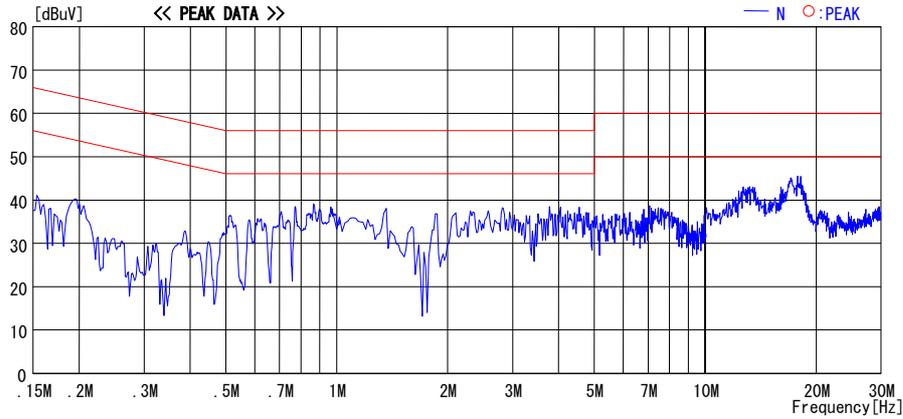


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F[dB] (LISN LOSS+CABLE LOSS)  
 Except for the above table: adequate margin data below the limits.

**Conducted Emission**  
**EDR, Tx, Ch: Mid**  
**(Power Supply: SONY)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
 Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHL01	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 1080015	Engineer	: Kenichi Adachi

Mode / Remarks: BT, 3-DH5, Tx 2441MHz, Power Supply(SONY)

LIMIT : FCC15.207 QP  
 FCC15.207 AV

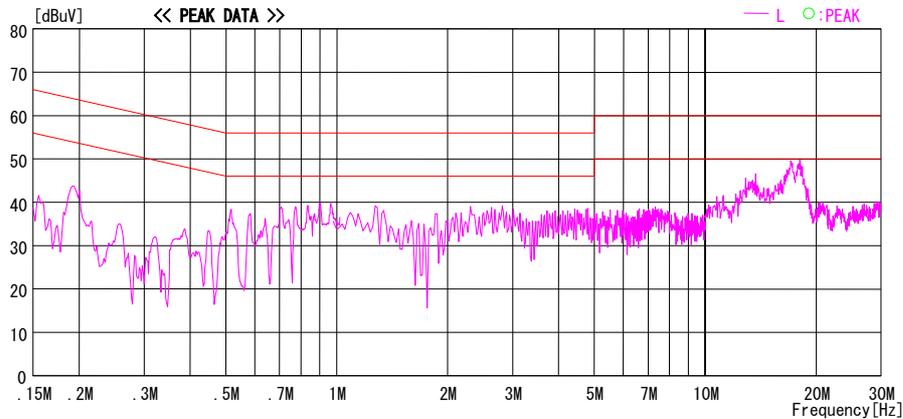
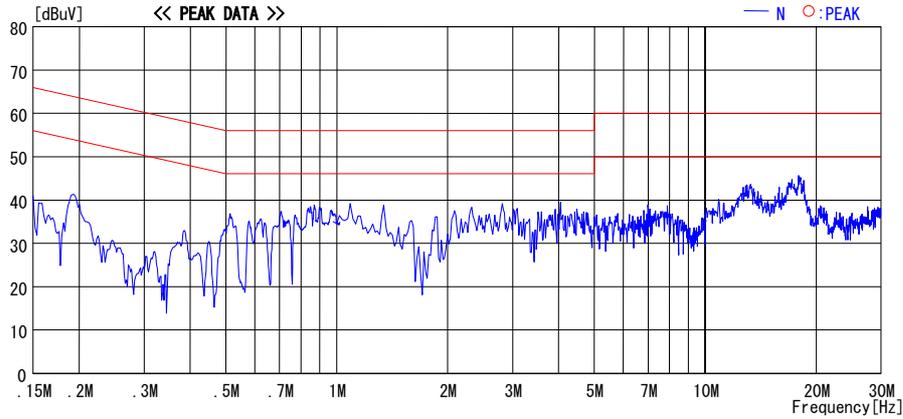


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV] = READING [dBuV] + C. F [dB] (LISN LOSS + CABLE LOSS)  
 Except for the above table: adequate margin data below the limits.

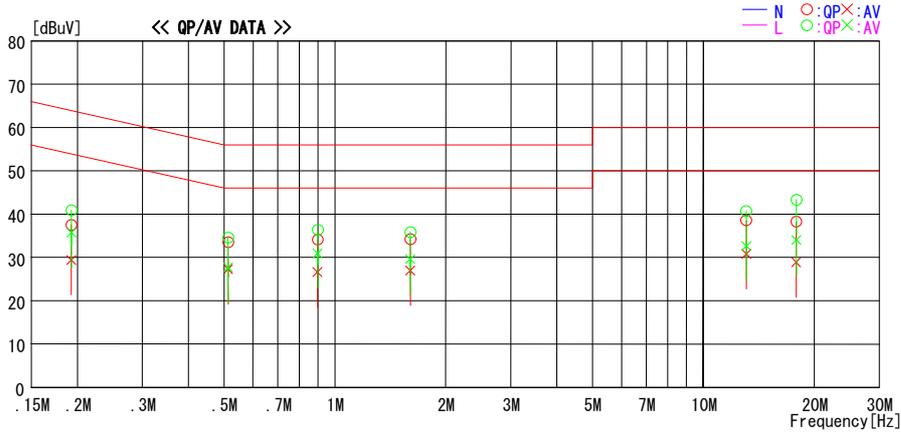
**Conducted Emission**  
**EDR, Tx, Ch: Mid**  
**(Power Supply: SONY)**  
**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
Date : 2008/07/02

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC 120V / 60Hz  
Model No. : CECHL01 Temp./Humi. : 24 deg. C. / 67%  
Serial No. : 1080015 Engineer : Kenichi Adachi

Mode / Remarks: BT, 3-DH5, Tx 2441MHz, Power Supply(SONY)

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]		
0.19254	37.3	29.2	0.2	37.5	29.4	63.9	53.9	26.4	24.5	N	
0.51330	33.2	27.0	0.3	33.5	27.3	56.0	46.0	22.5	18.7	N	
0.89790	33.7	26.2	0.4	34.1	26.6	56.0	46.0	21.9	19.4	N	
1.60333	33.8	26.6	0.4	34.2	27.0	56.0	46.0	21.8	19.0	N	
13.08665	37.2	29.4	1.4	38.6	30.8	60.0	50.0	21.4	19.2	N	
17.85960	36.6	27.2	1.7	38.3	28.9	60.0	50.0	21.7	21.1	N	
0.19268	40.7	35.5	0.2	40.9	35.7	63.9	53.9	23.0	18.2	L	
0.51323	34.3	27.4	0.3	34.6	27.7	56.0	46.0	21.4	18.3	L	
0.89815	36.0	30.5	0.4	36.4	30.9	56.0	46.0	19.6	15.1	L	
1.60310	35.5	29.2	0.4	35.9	29.6	56.0	46.0	20.1	16.4	L	
13.08786	39.3	31.2	1.4	40.7	32.6	60.0	50.0	19.3	17.4	L	
17.88960	41.6	32.3	1.7	43.3	34.0	60.0	50.0	16.7	16.0	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 round off to one or two decimal places, so some differences might be observed.

**Conducted Emission**  
**EDR, Tx, Ch: High**  
**(Power Supply: SONY)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
 Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHL01	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 1080015	Engineer	: Kenichi Adachi

Mode / Remarks: BT, 3-DH5, Tx 2480MHz, Power Supply(SONY)

LIMIT : FCC15.207 QP  
 FCC15.207 AV

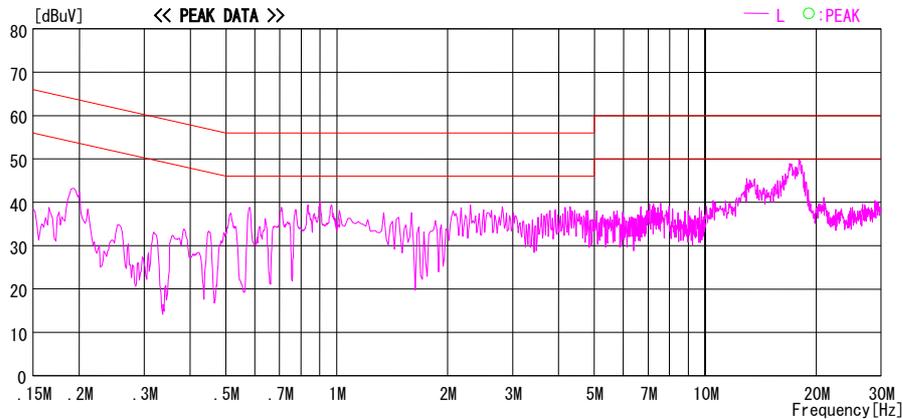
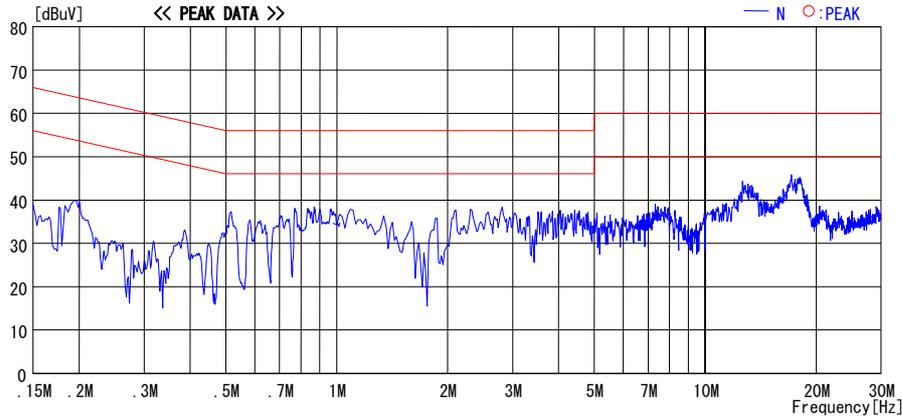


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV] = READING [dBuV] + C. F [dB] (LISN LOSS + CABLE LOSS)  
 Except for the above table: adequate margin data below the limits.

**Conducted Emission**

**Rx, Ch: Mid**

**(Power Supply: SONY)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
 Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHL01	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 1080015	Engineer	: Kenichi Adachi

Mode / Remarks: BT, Rx 2441MHz, Power Supply(SONY)

LIMIT : FCC15.107(a) QP  
 FCC15.107(a) AV

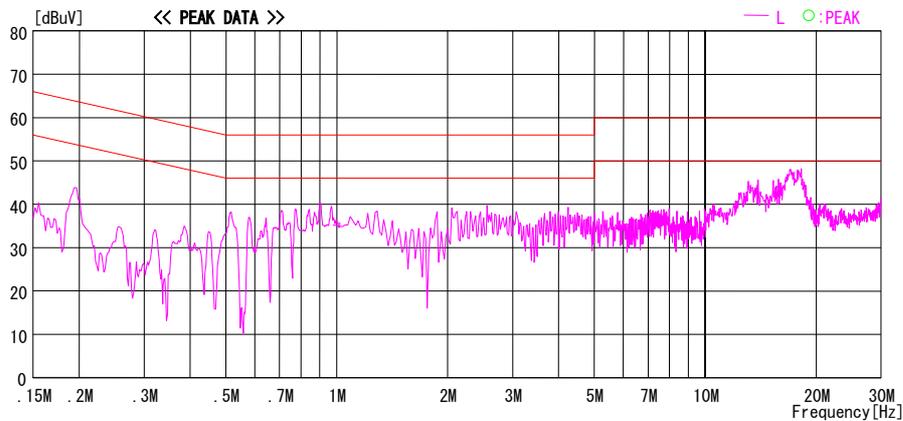
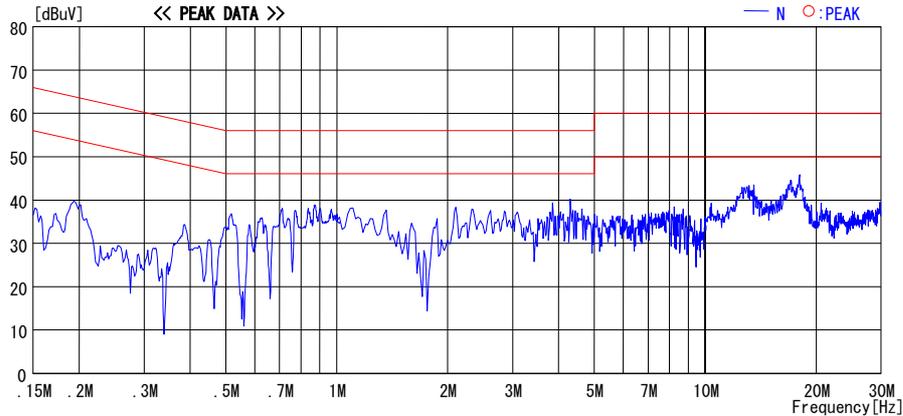


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV] = READING [dBuV] + C. F [dB] (LISN LOSS + CABLE LOSS)  
 Except for the above table: adequate margin data below the limits.

**Conducted Emission**

**Rx, Ch: Mid**

**(Power Supply: SONY)**

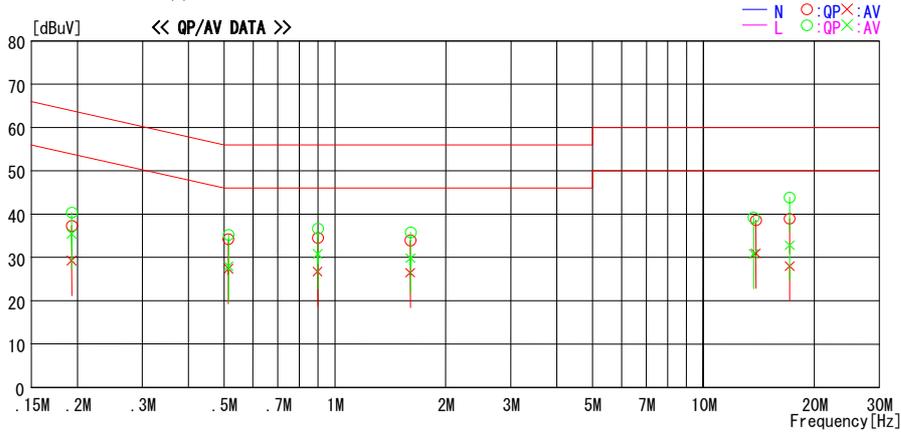
**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
Date : 2008/07/02

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC 120V / 60Hz  
Model No. : CECHLO1 Temp./Humi. : 24 deg. C. / 67%  
Serial No. : 1080015 Engineer : Kenichi Adachi

Mode / Remarks: BT, Rx 2441MHz, Power Supply(SONY)

LIMIT : FCC15.107(a) QP  
FCC15.107(a) 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]		
0.19300	37.1	29.1	0.2	37.3	29.3	63.9	53.9	26.6	24.6	N	
0.51370	33.9	27.1	0.3	34.2	27.4	56.0	46.0	21.8	18.6	N	
0.89840	34.1	26.3	0.4	34.5	26.7	56.0	46.0	21.5	19.3	N	
1.60311	33.6	26.1	0.4	34.0	26.5	56.0	46.0	22.1	19.5	N	
13.88750	37.2	29.5	1.4	38.6	30.9	60.0	50.0	21.4	19.1	N	
17.16066	37.4	26.4	1.6	39.0	28.0	60.0	50.0	21.0	22.0	N	
0.19299	40.2	35.2	0.2	40.4	35.4	63.9	53.9	23.5	18.5	L	
0.51416	34.9	27.7	0.3	35.2	28.0	56.0	46.0	20.8	18.0	L	
0.89886	36.2	30.4	0.4	36.6	30.8	56.0	46.0	19.4	15.2	L	
1.60598	35.4	29.4	0.4	35.8	29.8	56.0	46.0	20.2	16.2	L	
13.68387	37.9	29.4	1.4	39.3	30.8	60.0	50.0	20.7	19.2	L	
17.16059	42.3	31.2	1.6	43.9	32.8	60.0	50.0	16.1	17.2	L	

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

\*The test result is 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

**Conducted Emission**

**BDR, Tx, Ch: Low  
(Power Supply: Delta)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHLO1	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 1040134	Engineer	: Kenichi Adachi

Mode / Remarks: BT, DH5, Tx 2402MHz, Power Supply(Delta)

LIMIT : FCC15.207 QP  
FCC15.207 AV

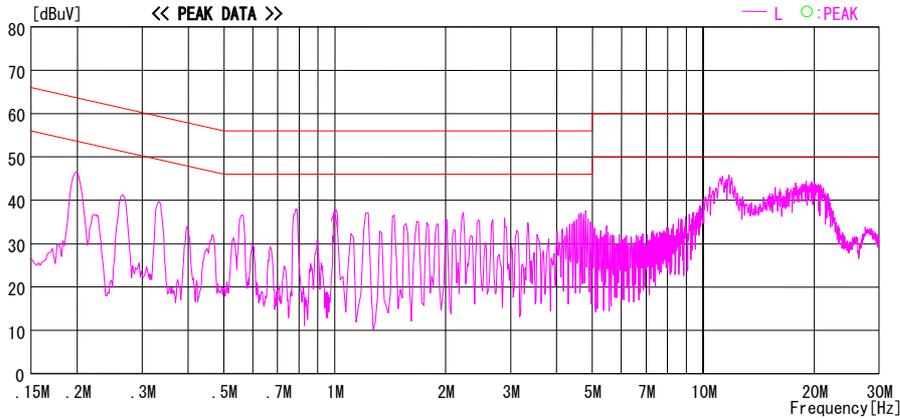
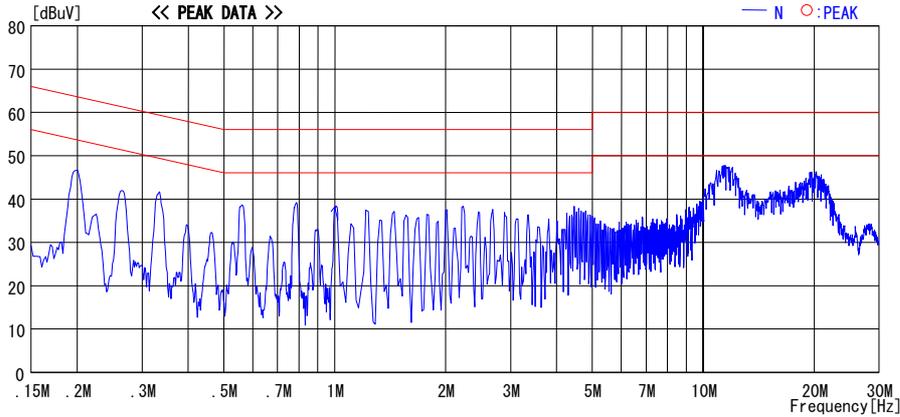


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)  
Except for the above table: adequate margin data below the limits.

**Conducted Emission**  
**BDR, Tx, Ch: Mid**  
**(Power Supply: Delta)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
 Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHL01	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 1040134	Engineer	: Kenichi Adachi

Mode / Remarks: BT, DH5, Tx 2441MHz, Power Supply(Delta)

LIMIT : FCC15.207 QP  
 FCC15.207 AV

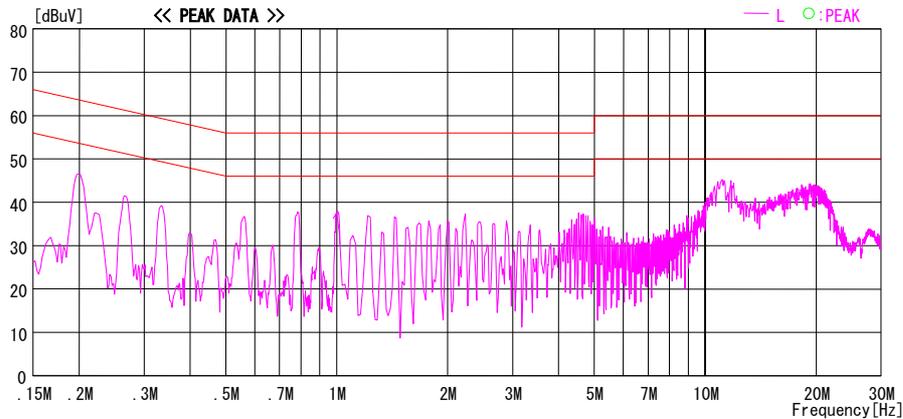
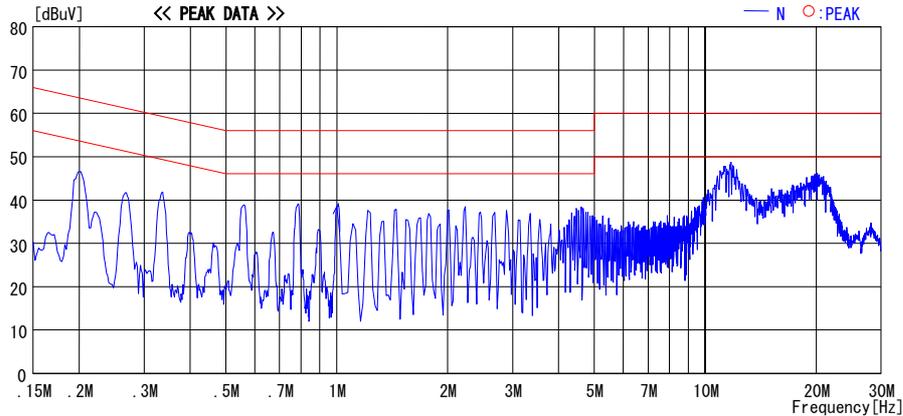


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F[db] (LISN LOSS+CABLE LOSS)  
 Except for the above table: adequate margin data below the limits.

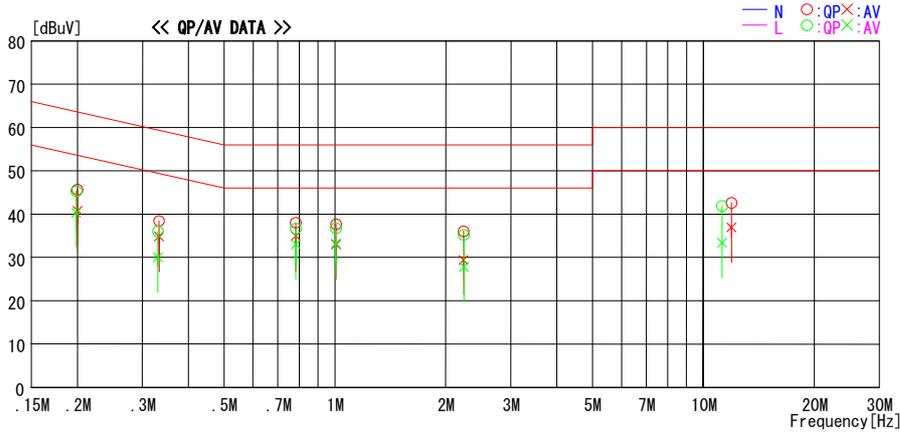
**Conducted Emission**  
**BDR, Tx, Ch: Mid**  
**(Power Supply: Delta)**  
**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
Date : 2008/07/02

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC 120V / 60Hz  
Model No. : CECHL01 Temp./Humi. : 24 deg. C. / 67%  
Serial No. : 1040134 Engineer : Kenichi Adachi

Mode / Remarks: BT, DH5, Tx 2441MHz, Power Supply(Delta)

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]		
0.20000	45.4	40.5	0.3	45.7	40.8	63.6	53.6	17.9	12.8	N	
0.33305	38.1	34.5	0.3	38.4	34.8	59.4	49.4	21.0	14.6	N	
0.78321	37.6	34.5	0.4	38.0	34.9	56.0	46.0	18.0	11.1	N	
1.00719	37.3	32.6	0.4	37.7	33.0	56.0	46.0	18.3	13.0	N	
2.23561	35.5	28.9	0.5	36.0	29.4	56.0	46.0	20.0	16.6	N	
11.92800	41.3	35.6	1.3	42.6	36.9	60.0	50.0	17.4	13.1	N	
0.19872	45.1	40.1	0.2	45.3	40.3	63.7	53.7	18.4	13.4	L	
0.33092	35.7	29.7	0.3	36.0	30.0	59.4	49.4	23.4	19.4	L	
0.78378	36.2	32.6	0.4	36.6	33.0	56.0	46.0	19.4	13.0	L	
1.00629	36.3	32.8	0.4	36.7	33.2	56.0	46.0	19.3	12.8	L	
2.23915	34.7	27.3	0.5	35.2	27.8	56.0	46.0	20.8	18.2	L	
11.23310	40.7	32.2	1.2	41.9	33.4	60.0	50.0	18.1	16.6	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.

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

**Conducted Emission**  
**BDR, Tx, Ch: High**  
**(Power Supply: Delta)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
 Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHL01	Temp./Humi.	: 24 deg.C. / 67%
Serial No.	: 1040134	Engineer	: Kenichi Adachi

Mode / Remarks: BT, DH5, Tx 2480MHz, Power Supply(Delta)

LIMIT : FCC15.207 QP  
FCC15.207 AV

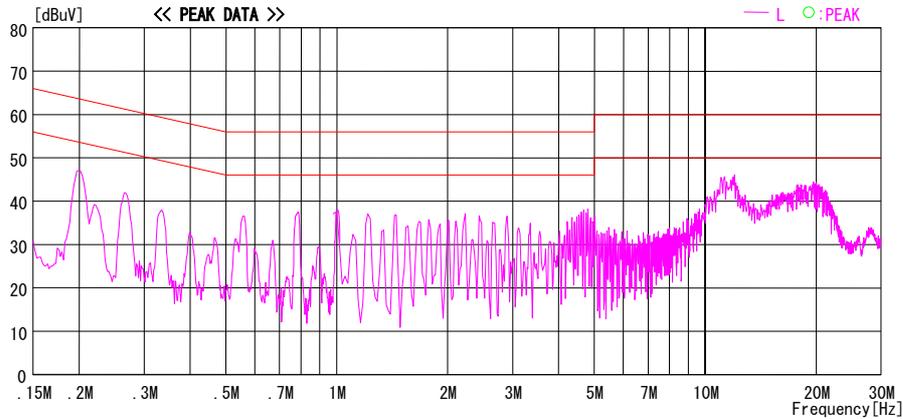
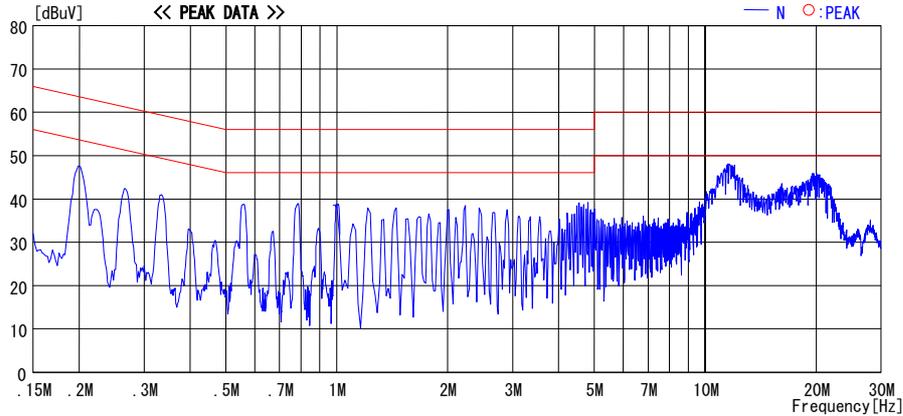


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)  
 Except for the above table: adequate margin data below the limits.

**Conducted Emission**  
**EDR, Tx, Ch: Low**  
**(Power Supply: Delta)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
 Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHL01	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 1040134	Engineer	: Kenichi Adachi

Mode / Remarks: BT, 3-DH5, Tx 2402MHz, Power Supply(Delta)

LIMIT : FCC15.207 QP  
 FCC15.207 AV

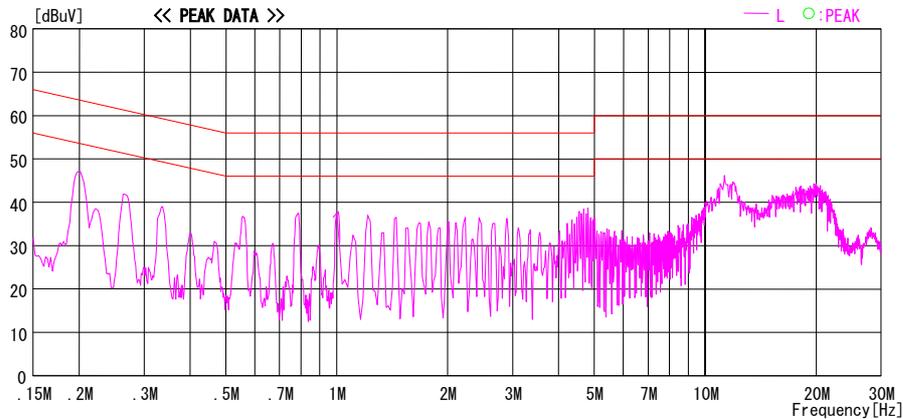
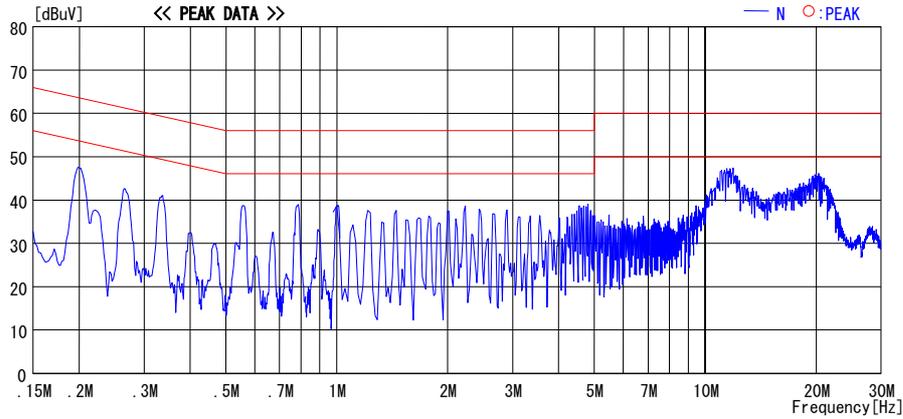


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F[db] (LISN LOSS+CABLE LOSS)  
 Except for the above table: adequate margin data below the limits.

**Conducted Emission**  
**EDR, Tx, Ch: Mid**  
**(Power Supply: Delta)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
 Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHL01	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 1040134	Engineer	: Kenichi Adachi

Mode / Remarks: BT, 3-DH5, Tx 2441MHz, Power Supply(Delta)

LIMIT : FCC15.207 QP  
 FCC15.207 AV

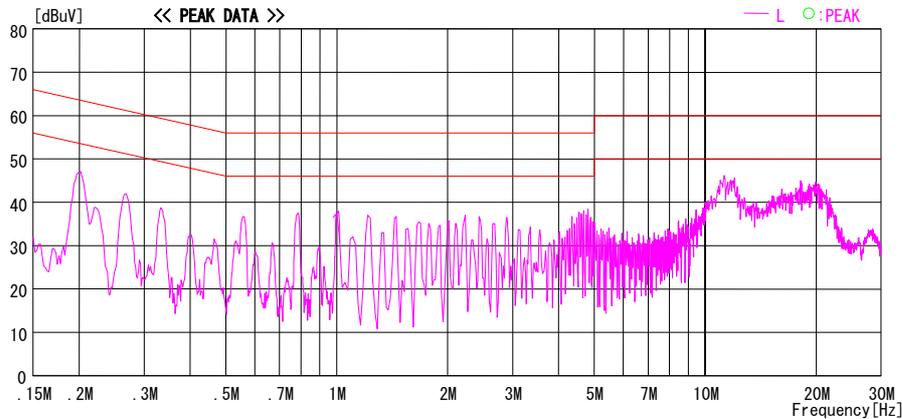
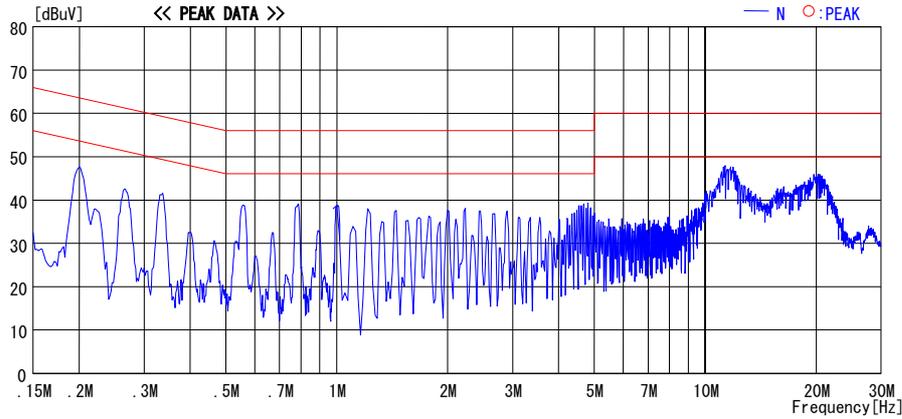


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV] = READING [dBuV] + C. F [dB] (LISN LOSS + CABLE LOSS)  
 Except for the above table: adequate margin data below the limits.

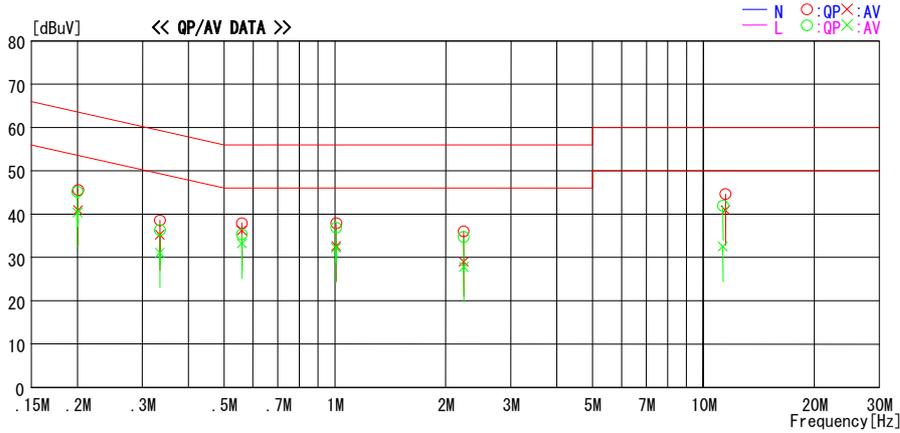
**Conducted Emission**  
**EDR, Tx, Ch: Mid**  
**(Power Supply: Delta)**  
**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
Date : 2008/07/02

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC 120V / 60Hz  
Model No. : CECHLO1 Temp./Humi. : 24 deg. C. / 67%  
Serial No. : 1040134 Engineer : Kenichi Adachi

Mode / Remarks: BT, 3-DH5, Tx 2441MHz, Power Supply(Delta)

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]		
0.20086	45.3	40.6	0.3	45.6	40.9	63.6	53.6	18.0	12.7	N	
0.33482	38.3	34.9	0.3	38.6	35.2	59.3	49.3	20.7	14.1	N	
0.55938	37.6	35.9	0.3	37.9	36.2	56.0	46.0	18.1	9.8	N	
1.00759	37.5	32.2	0.4	37.9	32.6	56.0	46.0	18.1	13.4	N	
2.23689	35.5	28.5	0.5	36.0	29.0	56.0	46.0	20.0	17.0	N	
11.47072	43.4	39.7	1.2	44.6	40.9	60.0	50.0	15.4	9.1	N	
0.20001	44.9	40.1	0.3	45.2	40.4	63.6	53.6	18.4	13.2	L	
0.33483	36.0	30.8	0.3	36.3	31.1	59.3	49.3	23.0	18.2	L	
0.55947	35.0	32.9	0.3	35.3	33.2	56.0	46.0	20.7	12.8	L	
1.00706	36.5	31.8	0.4	36.9	32.2	56.0	46.0	19.1	13.8	L	
2.23821	34.2	27.3	0.5	34.7	27.8	56.0	46.0	21.3	18.2	L	
11.29844	40.8	31.3	1.2	42.0	32.5	60.0	50.0	18.0	17.5	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 round off to one or two decimal places, so some differences might be observed.

**Conducted Emission**  
**EDR, Tx, Ch: High**  
**(Power Supply: Delta)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
 Date : 2008/07/02

Company	: Sony Computer Entertainment Inc.	Report No.	: 28KE0107-HO-01
Kind of EUT	: PLAYSTATION®3	Power	: AC 120V / 60Hz
Model No.	: CECHL01	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 1040134	Engineer	: Kenichi Adachi

Mode / Remarks: BT, 3-DH5, Tx 2480MHz, Power Supply(Delta)

LIMIT : FCC15.207 QP  
FCC15.207 AV

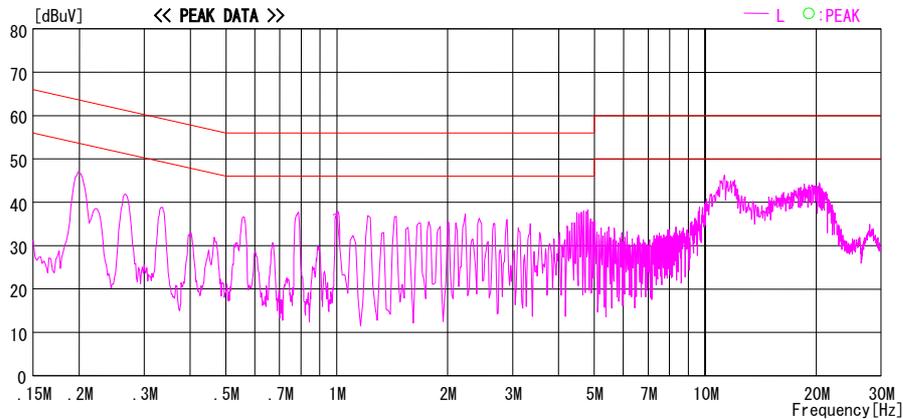
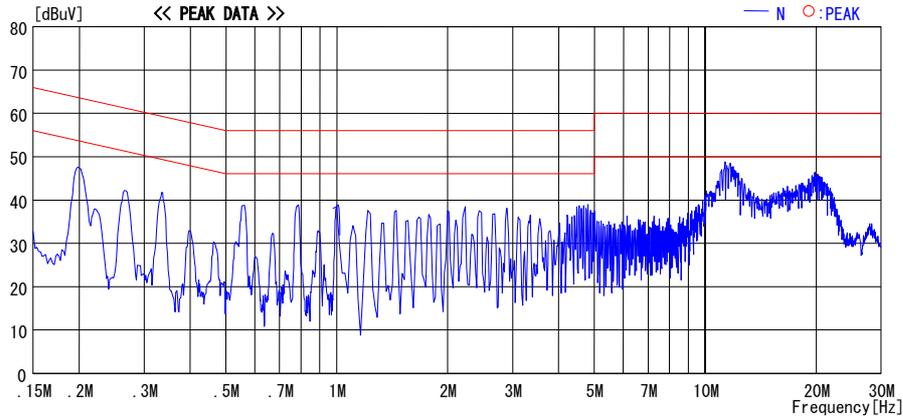


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F[db] (LISN LOSS+CABLE LOSS)  
 Except for the above table: adequate margin data below the limits.

**Conducted Emission**

**Rx, Ch: Mid**

**(Power Supply: Delta)**

**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
Date : 2008/07/02

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC 120V / 60Hz  
Model No. : CECHL01 Temp./Humi. : 24 deg. C. / 67%  
Serial No. : 1040134 Engineer : Kenichi Adachi

Mode / Remarks: BT, Rx 2441MHz, Power Supply(Delta)

LIMIT : FCC15.107(a) QP  
FCC15.107(a) AV

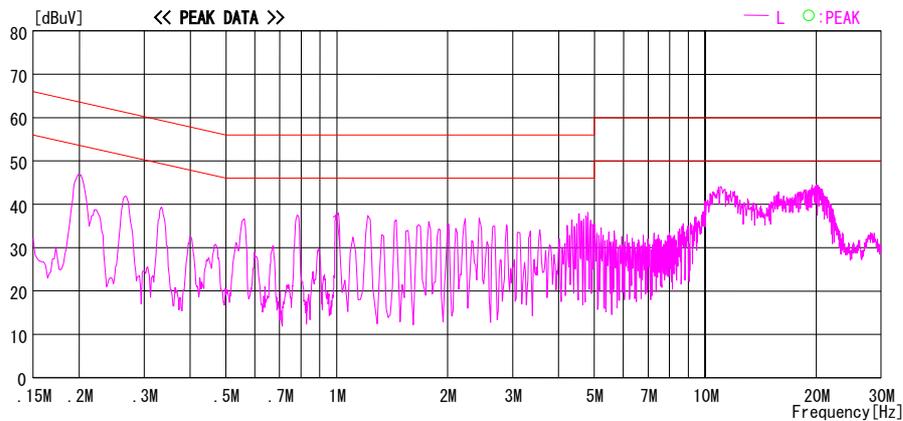
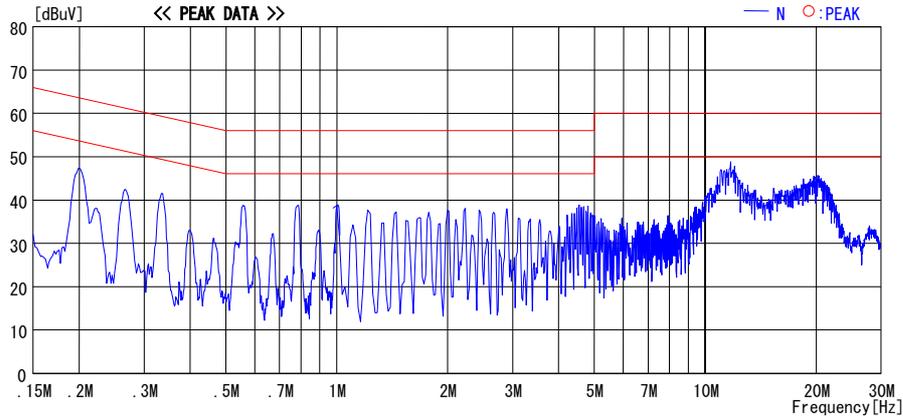


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV] = READING [dBuV] + C. F [dB] (LISN LOSS + CABLE LOSS)  
Except for the above table: adequate margin data below the limits.

**UL Japan, Inc.**

**Head Office EMC Lab.**

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

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

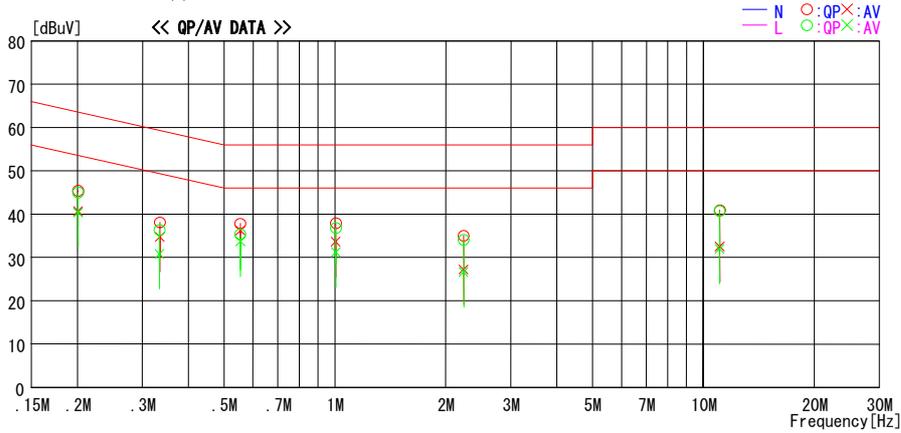
**Conducted Emission**  
**Rx, Ch: Mid**  
**(Power Supply: Delta)**  
**DATA OF CONDUCTED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber  
Date : 2008/07/02

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC 120V / 60Hz  
Model No. : CECHLO1 Temp./Humi. : 24 deg. C. / 67%  
Serial No. : 1040134 Engineer : Kenichi Adachi

Mode / Remarks: BT, Rx 2441MHz, Power Supply(Delta)

LIMIT : FCC15.107(a) QP  
FCC15.107(a) 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]		
0.20083	45.1	40.4	0.3	45.4	40.7	63.6	53.6	18.2	12.9	N	
0.33495	37.8	34.4	0.3	38.1	34.7	59.3	49.3	21.2	14.6	N	
0.55423	37.5	35.9	0.3	37.8	36.2	56.0	46.0	18.2	9.8	N	
1.00520	37.5	33.2	0.4	37.9	33.6	56.0	46.0	18.1	12.4	N	
2.23578	34.5	26.7	0.5	35.0	27.2	56.0	46.0	21.0	18.8	N	
11.07594	39.7	31.3	1.2	40.9	32.5	60.0	50.0	19.1	17.5	N	
0.20093	44.7	40.1	0.3	45.0	40.4	63.6	53.6	18.6	13.2	L	
0.33411	36.0	30.5	0.3	36.3	30.8	59.3	49.3	23.0	18.5	L	
0.55423	35.0	33.4	0.3	35.3	33.7	56.0	46.0	20.7	12.3	L	
1.00615	36.4	30.8	0.4	36.8	31.2	56.0	46.0	19.2	14.8	L	
2.23505	33.5	26.1	0.5	34.0	26.6	56.0	46.0	22.0	19.4	L	
11.06664	39.5	30.8	1.2	40.7	32.0	60.0	50.0	19.3	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 round off to one or two decimal places, so some differences might be observed.

### Carrier Frequency Separation

		UL Japan, Inc	
		Head Office EMC Lab. No.7 shielded room	
Company	Sony Computer Entertainment Inc.	Regulation	FCC Part15 Subpart C 15.247(a)(1) / RSS-210 A8.1(b)
Equipment	PLAYSTATION®3	Test Distance	-
Model	CECHL01	Date	07/02/2008
S/N	1040135	Temperature	23deg.C.
Power	AC 120V / 60Hz	Humidity	50%
Mode	Bluetooth Tx Hopping On / Inquiry DH5 / 3-DH5	Engineer	Motoya Imura

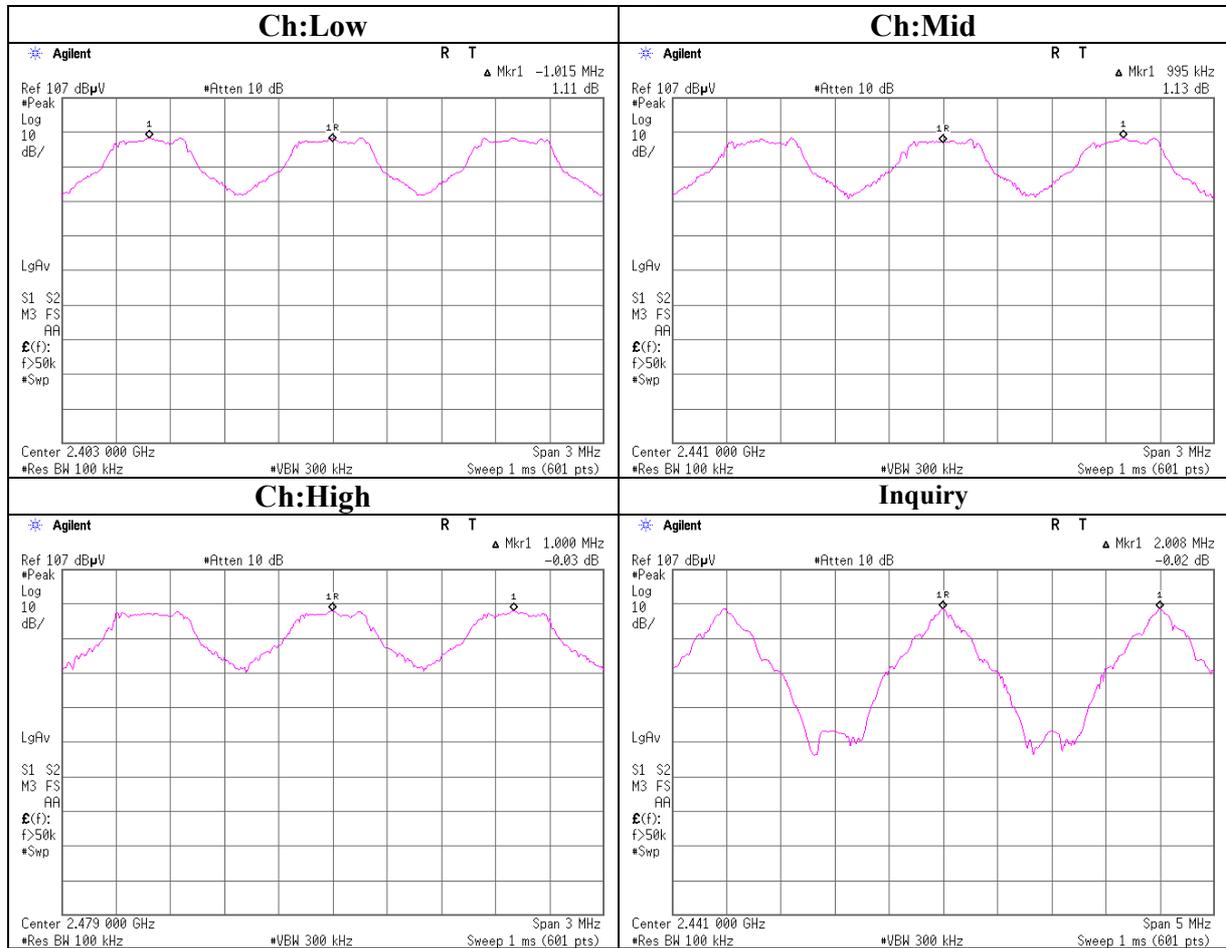
**[ BDR ]**

Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.015	> 0.577 [MHz] (two-thirds of 20dB Bandwidth ( 0.866 [MHz] )) or 25[kHz] (whichever is grater)
Mid	2441.0	0.995	> 0.580 [MHz] (two-thirds of 20dB Bandwidth ( 0.870 [MHz] )) or 25[kHz] (whichever is grater)
High	2480.0	1.000	> 0.580 [MHz] (two-thirds of 20dB Bandwidth ( 0.870 [MHz] )) or 25[kHz] (whichever is grater)
Inquiry	2441.0	2.008	> 0.515 [MHz] (two-thirds of 20dB Bandwidth ( 0.773 [MHz] )) or 25[kHz] (whichever is grater)

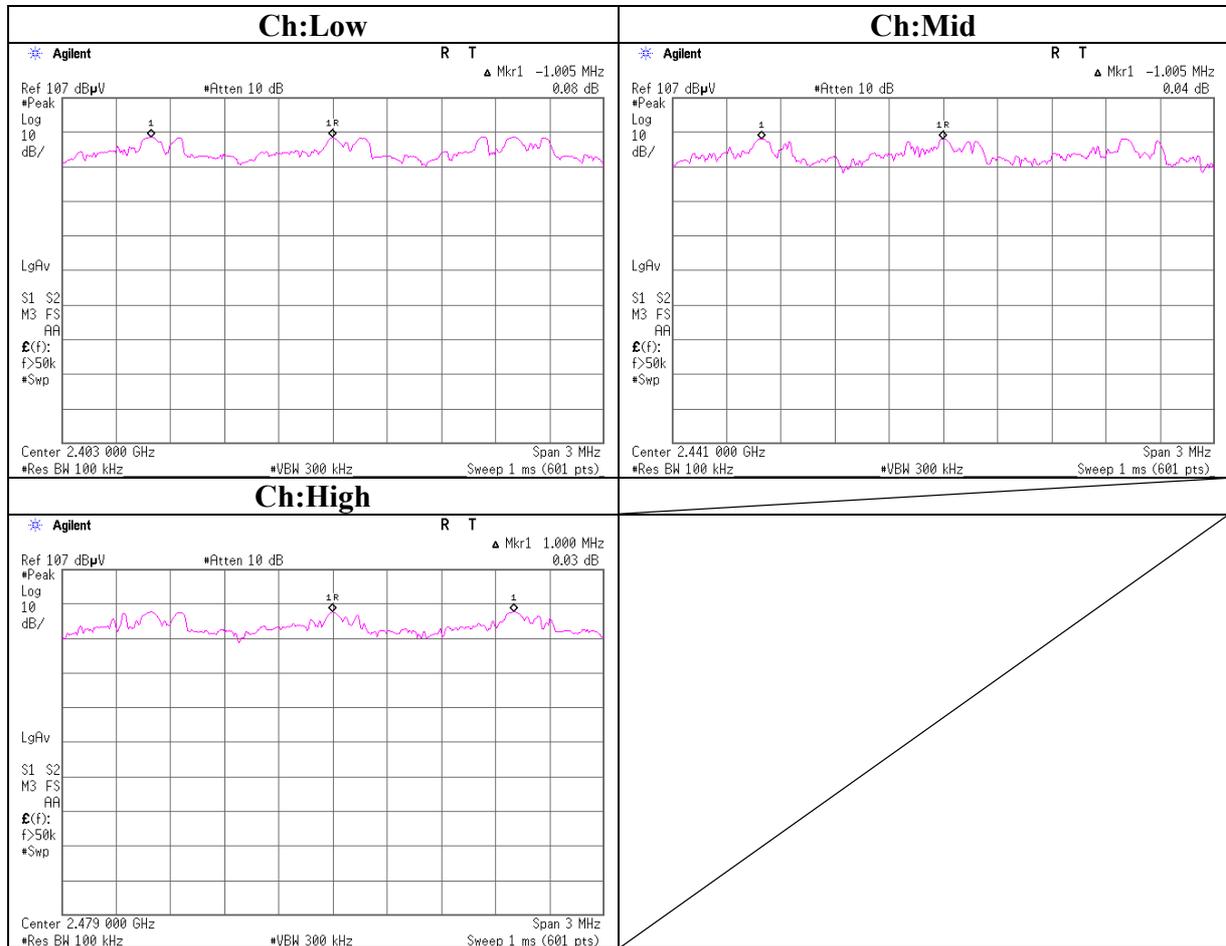
**[ EDR ]**

Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.005	> 0.834 [MHz] (two-thirds of 20dB Bandwidth ( 1.251 [MHz] )) or 25[kHz] (whichever is grater)
Mid	2441.0	1.005	> 0.835 [MHz] (two-thirds of 20dB Bandwidth ( 1.253 [MHz] )) or 25[kHz] (whichever is grater)
High	2480.0	1.000	> 0.834 [MHz] (two-thirds of 20dB Bandwidth ( 1.251 [MHz] )) or 25[kHz] (whichever is grater)

**Carrier Frequency Separation**  
**BDR**



**Carrier Frequency Separation**  
**EDR**



### **20dB Bandwidth**

Company	Sony Computer Entertainment Inc.	UL Japan, Inc	
Equipment	PLAYSTATION®3	Head Office EMC Lab. No.7 shielded room	
Model	CECHL01	Regulation	FCC Part15 Subpart C 15.247(a)(1) / RSS-210 A8.1(a)
S/N	1040135	Test Distance	-
Power	AC 120V / 60Hz	Date	07/02/2008
Mode	Bluetooth Tx Hopping Off / Inquiry	Temperature	23deg.C.
	DH5 / 3-DH5	Humidity	50%
		Engineer	Motoya Imura

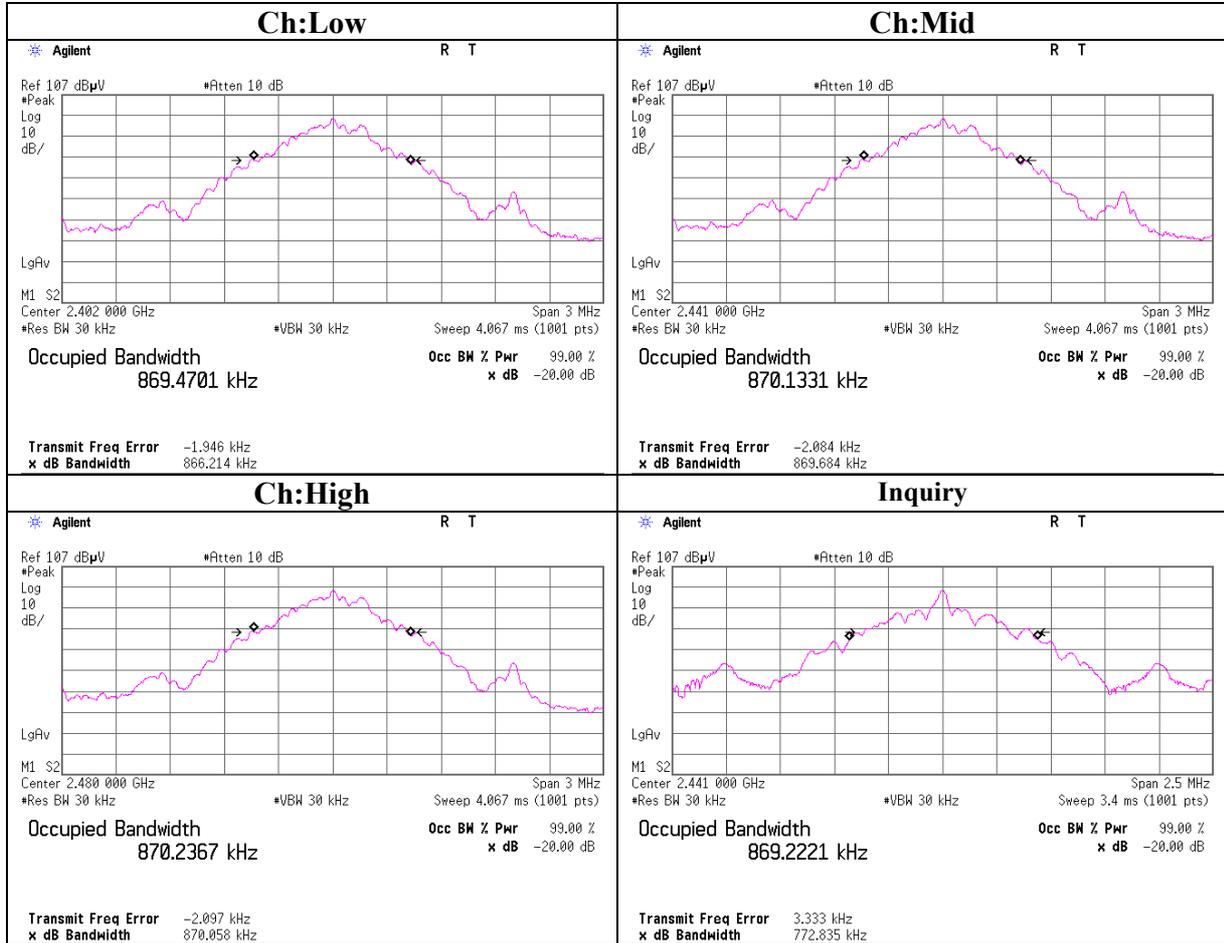
#### **[ BDR ]**

Ch	Freq. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	0.866	-
Mid	2441.0	0.870	-
High	2480.0	0.870	-
Inquiry	2441.0	0.773	-

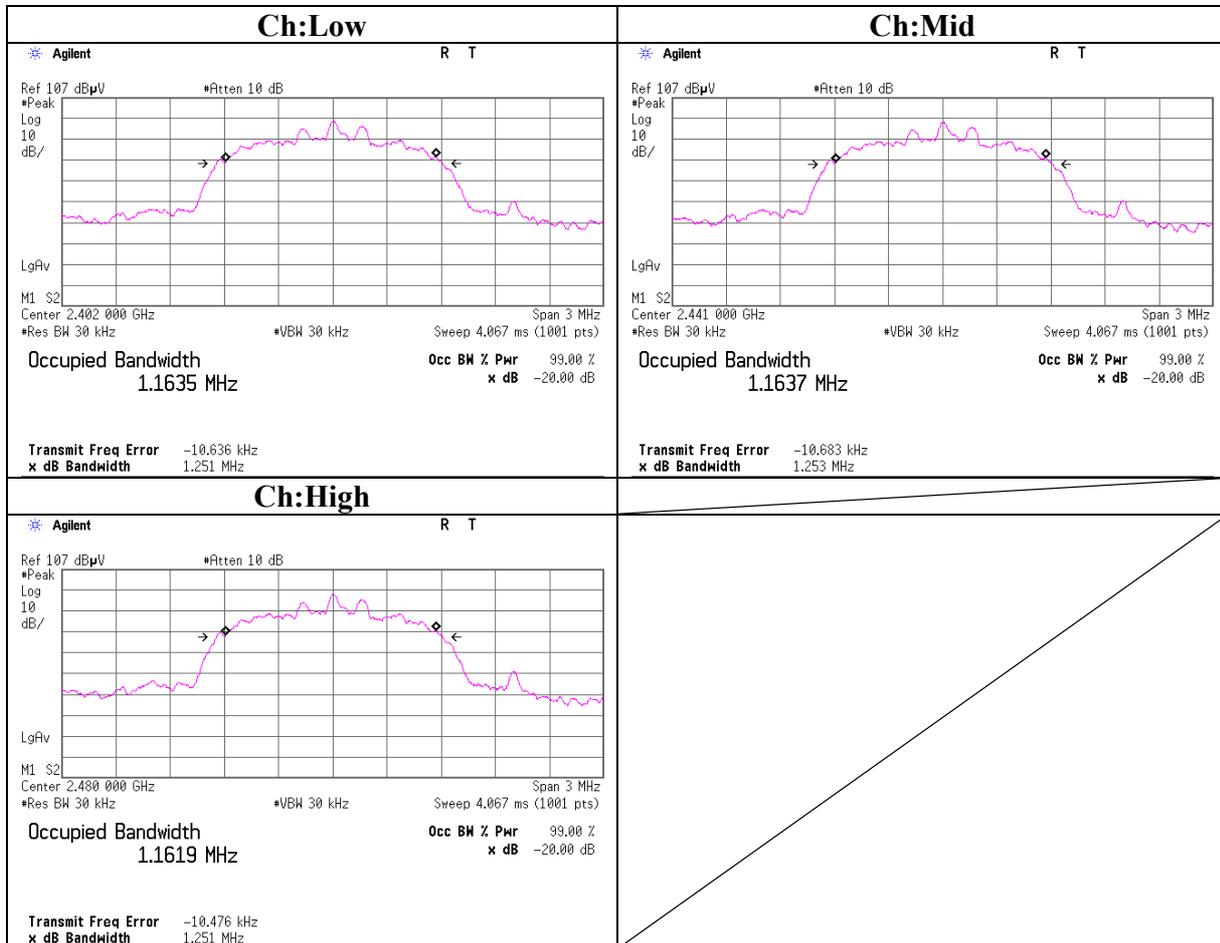
#### **[ EDR ]**

Ch	Freq. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	1.251	-
Mid	2441.0	1.253	-
High	2480.0	1.251	-

**20dB Bandwidth  
BDR**



**20dB Bandwidth**  
**EDR**



### Number of Hopping Frequency

Company	Sony Computer Entertainment Inc.	Regulation	FCC Part15 Subpart C 15.247(a)(1)(iii) / RSS-210 A8.1(d)
Equipment	PLAYSTATION®3	Test Distance	-
Model	CECHL01	Date	07/02/2008
S/N	1040135	Temperature	23deg.C.
Power	AC 120V / 60Hz	Humidity	50%
Mode	Bluetooth Tx Hopping On / Inquiry DH5 / 3-DH5	Engineer	Motoya Imura

#### [ BDR ]

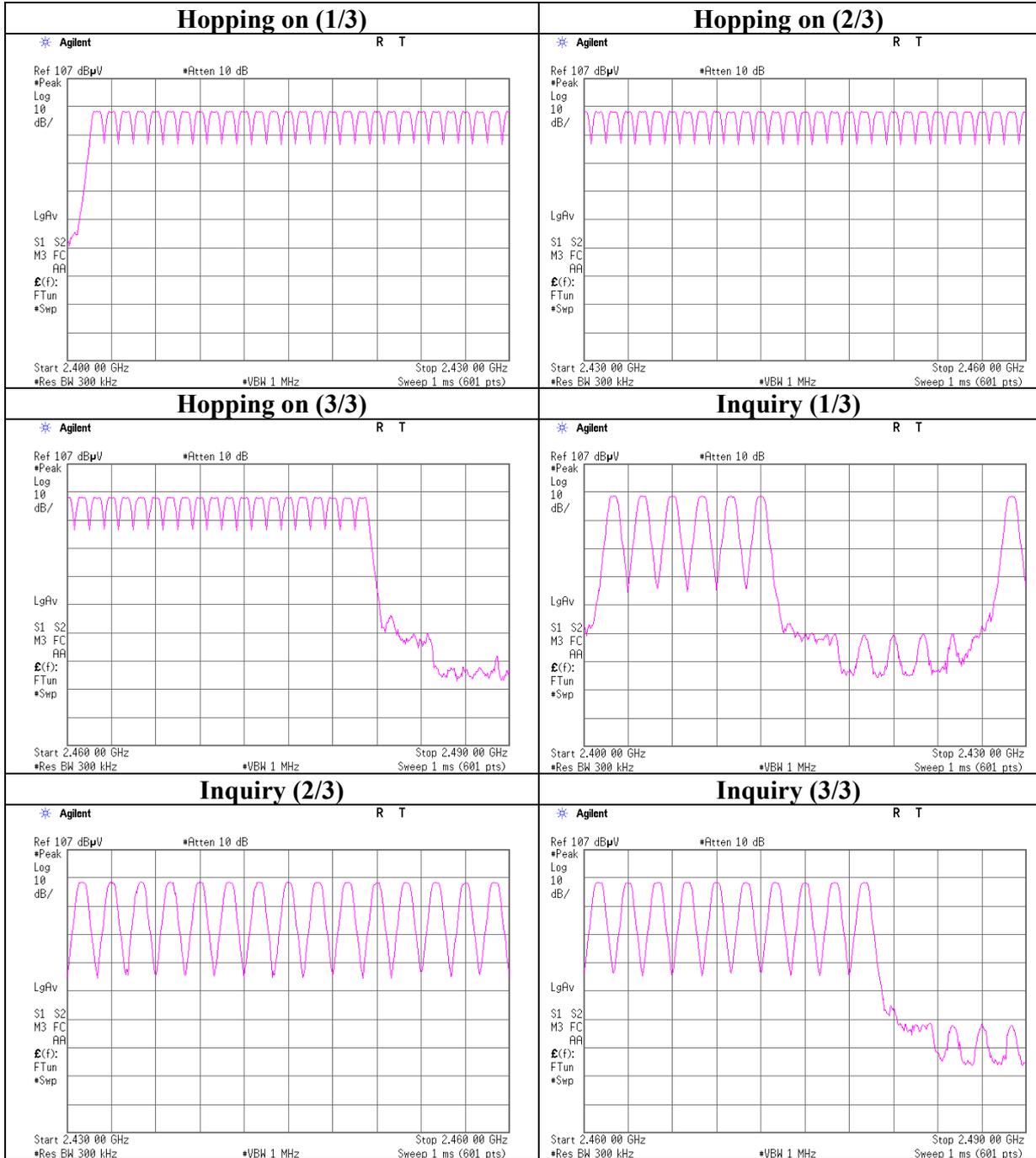
Mode	Number of channel [times]	Limit [times]
Tx(Hopping on)	79	≥ 15

#### [ EDR ]

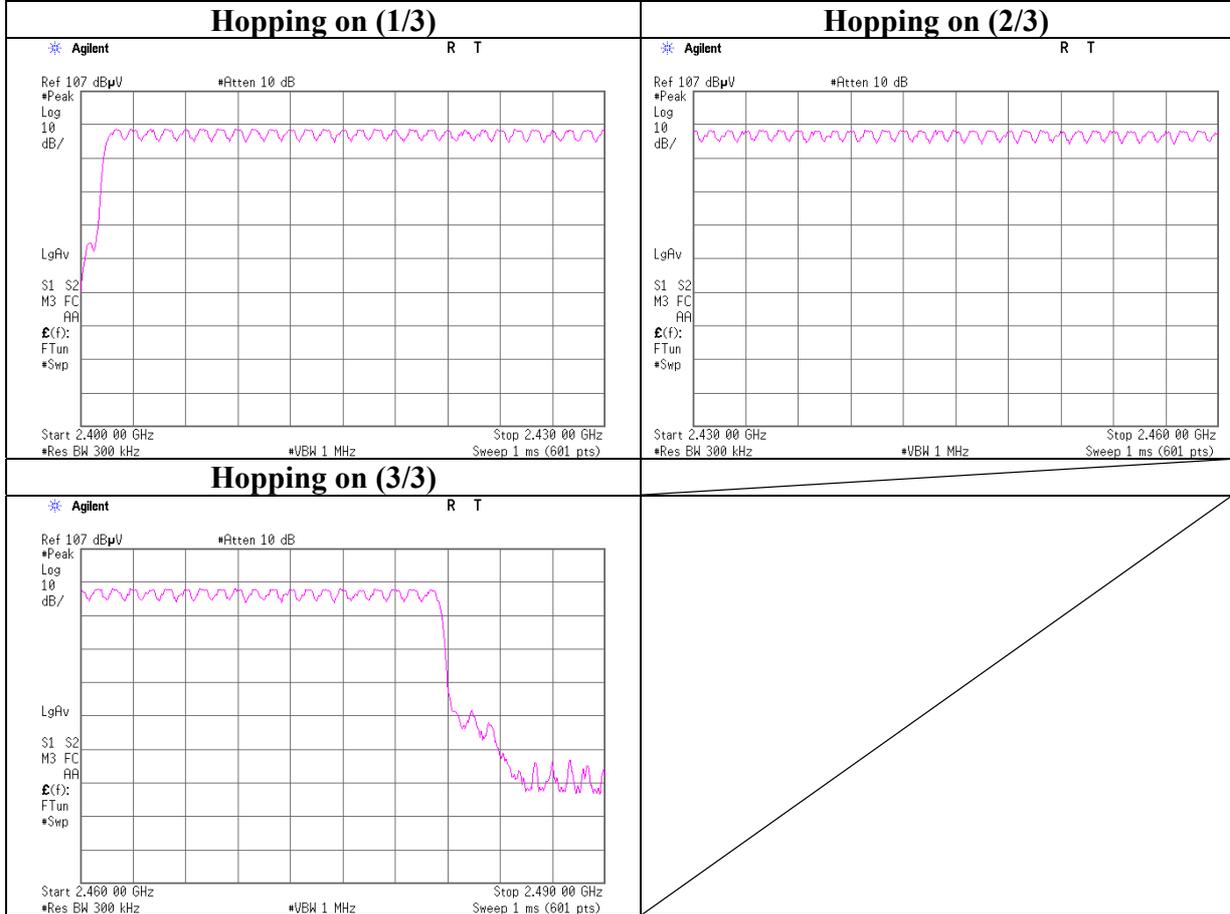
Mode	Number of channel [times]	Limit [times]
Tx(Hopping on)	79	≥ 15

Mode	Number of channel [times]	Limit [times]
Inquiry	32	≥ 15

**Number of Hopping Frequency**  
**BDR**



**Number of Hopping Frequency**  
**EDR**



### Dwell time

UL Japan, Inc.

Head Office EMC Lab. No.7 Shielded room

Company	Sony Computer Entertainment Inc.	Regulation	FCC Part15 Subpart C 15.247(a)(1)(iii) / RSS-210 A8.1(d)
Equipment	PLAYSTATION®3	Test Distance	-
Model	CECHL01	Date	07/02/2008
S/N	1040135	Temperature	23deg.C.
Power	AC 120V / 60Hz	Humidity	50%
Mode	Bluetooth Tx Hopping On / Inquiry	Engineer	Motoya Imura
	DH1/DH3/DH5 / 3-DH1 / 3-DH3 / 3-DH5		

**[ BDR ]**

Mode	Number of transmission in a 31.6(79 Hopping x 0.4) / 12.8(32 Hopping x 0.4)second period	Length of transmission time [msec]	Result [msec]	Limit [msec]
DH1	51 times / 5 sec. x 31.6 sec. = 323 times	0.540	174	400
DH3	25 times / 5 sec. x 31.6 sec. = 158 times	1.800	284	400
DH5	17 times / 5 sec. x 31.6 sec. = 108 times	3.042	329	400
Inquiry	101 times / 1 sec. x 12.8 sec. = 1293 times	0.241	311	400

**[ EDR ]**

Mode	Number of transmission in a 31.6(79 Hopping x 0.4) / 12.8(32 Hopping x 0.4)second period	Length of transmission time [msec]	Result [msec]	Limit [msec]
3-DH1	51 times / 5 sec. x 31.6 sec. = 323 times	0.558	180	400
3-DH3	25 times / 5 sec. x 31.6 sec. = 158 times	1.810	286	400
3-DH5	17 times / 5 sec. x 31.6 sec. = 108 times	3.067	331	400

**UL Japan, Inc.**

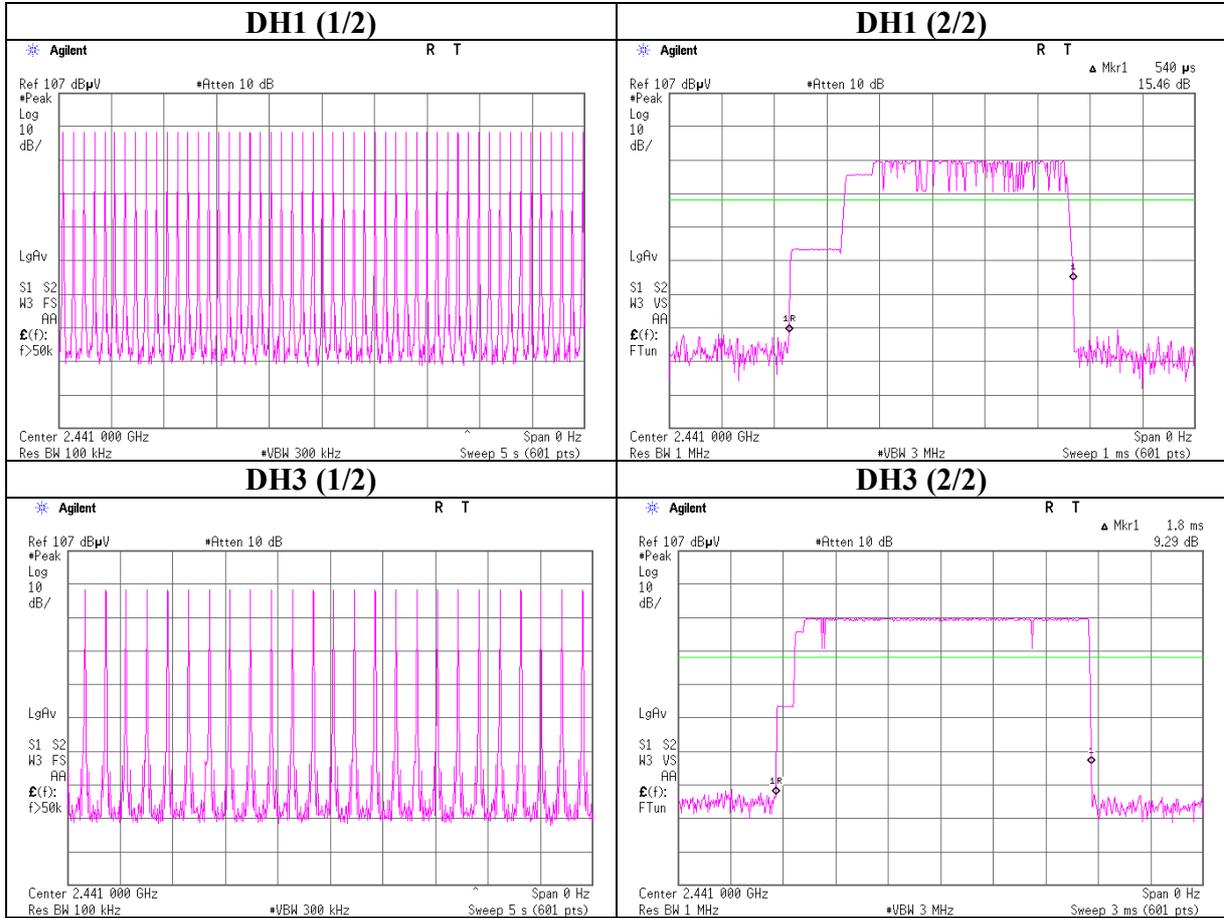
**Head Office EMC Lab.**

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

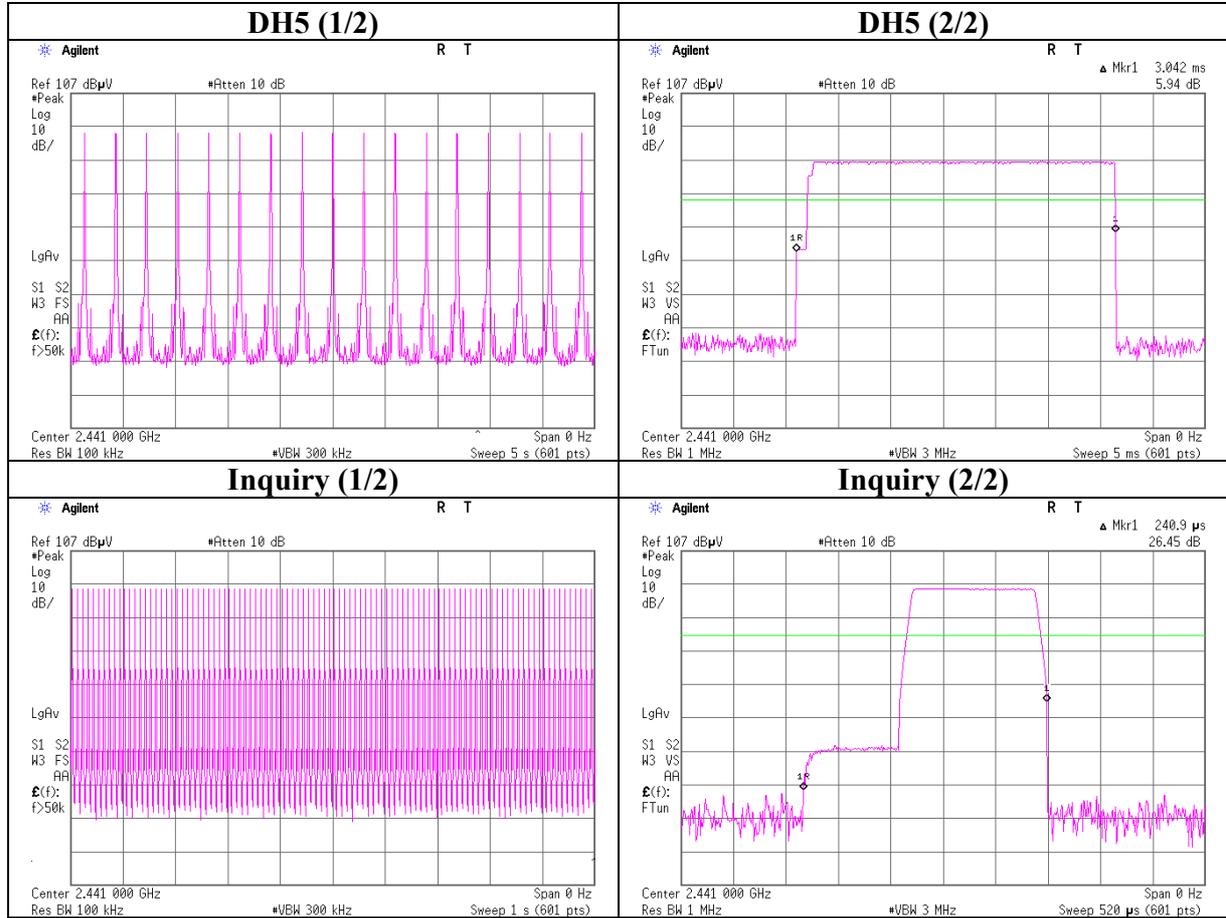
Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

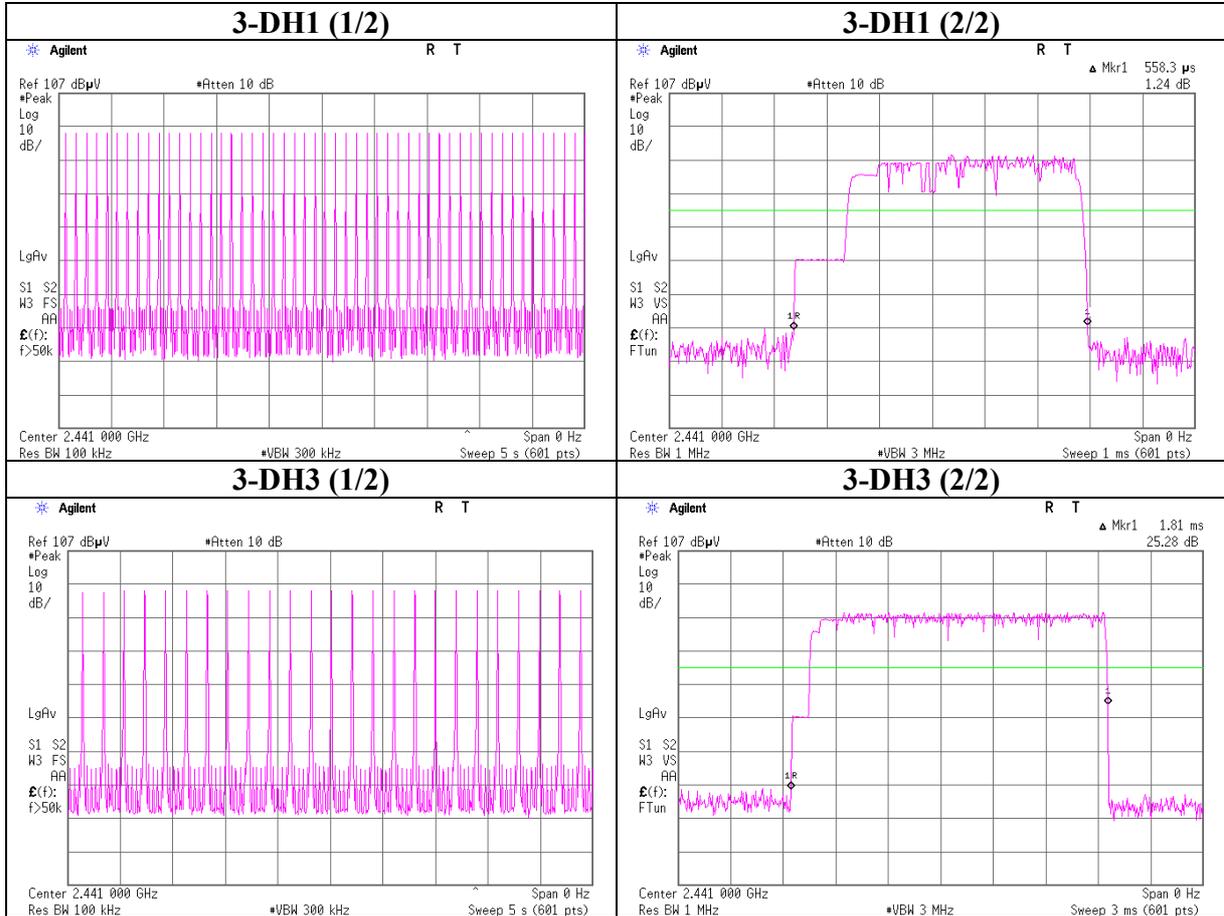
**Dwell time**  
**BDR**



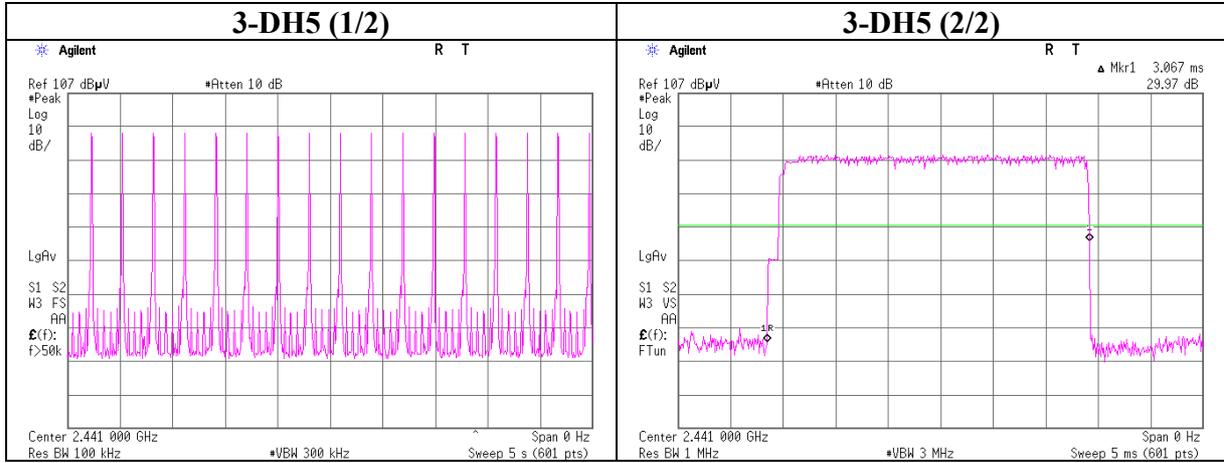
**Dwell time**  
**BDR**



**Dwell time**  
**EDR**



**Dwell time**  
**EDR**



### Maximum Peak Output Power

		UL Japan, Inc.
Company	Sony Computer Entertainment Inc.	Head Office EMC Lab. No.2 Measurement room
Equipment	PLAYSTATION®3	Regulation FCC15.247(b)(1) / RSS-210 A8.4(2)
Model	CECHL01	Test Distance -
S/N	1040135	Date 06/17/2008
Power	AC 120V / 60Hz	Temperature 25 deg.C.
Mode	Bluetooth Tx Hopping Off	Humidity 54 %
	DH5 / 2-DH5 / 3-DH5 / Inquiry	Engineer Takayuki Shimada

#### DH5

Ch	Freq. [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2402.0	-9.74	0.60	10.04	0.90	1.23	20.97	125	20.07
Mid	2441.0	-9.79	0.60	10.04	0.85	1.22	20.97	125	20.12
High	2480.0	-10.04	0.60	10.04	0.60	1.15	20.97	125	20.37
Inquiry	2441.0	-10.13	0.60	10.04	0.51	1.12	20.97	125	20.46

#### 2-DH5

Ch	Freq. [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2402.0	-9.49	0.60	10.04	1.15	1.30	20.97	125	19.82
Mid	2441.0	-9.82	0.60	10.04	0.82	1.21	20.97	125	20.15
High	2480.0	-10.29	0.60	10.04	0.35	1.08	20.97	125	20.62

#### 3-DH5

Ch	Freq. [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2402.0	-9.36	0.60	10.04	1.28	1.34	20.97	125	19.69
Mid	2441.0	-9.73	0.60	10.04	0.91	1.23	20.97	125	20.06
High	2480.0	-10.00	0.60	10.04	0.64	1.16	20.97	125	20.33

Sample Calculation:

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

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

\*Compared to UL Japan, Test Report No. 28KE0107-HO-01-B for the original model, difference in Maximum Peak Output Power is within +/- 0.5dB.

**Radiated Spurious Emission (below 1GHz)**  
**BDR, Tx, Ch: Low**  
**(Power Supply: SONY)**

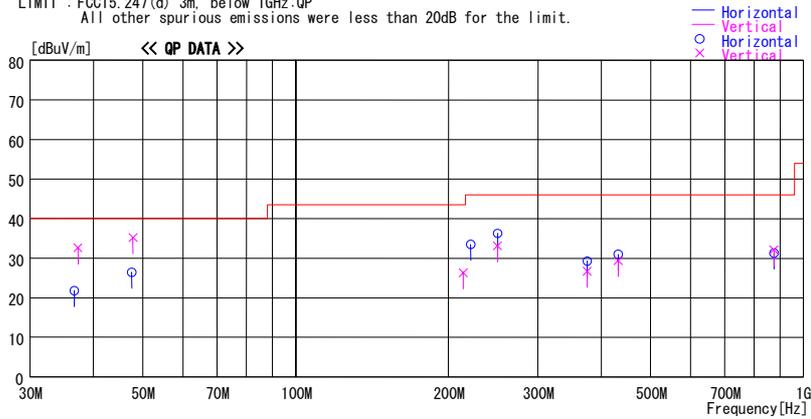
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber  
Date : 2008/06/30

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION3 Power : AC120V / 60Hz  
Model No. : CECHL01 Temp./Humi. : 22deg. C. / 68%  
Serial No. : 1080015 Engineer : Akio Hayashi

Mode / Remarks: BT, Tx 2402MHz, DH5, Max-axis(Hor:X-axis, Ver:Y-axis), Power Supply(SONY)

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							
			[dBm]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
36.642	28.3	QP	15.4	-21.9	21.8	164	322	Hori.	40.0	18.2	
37.281	39.5	QP	15.0	-21.9	32.6	122	100	Vert.	40.0	7.4	
47.543	37.2	QP	10.9	-21.7	26.4	300	354	Hori.	40.0	13.6	
47.800	46.0	QP	10.9	-21.7	35.2	349	100	Vert.	40.0	4.8	
213.863	29.3	QP	16.7	-19.7	26.3	174	100	Vert.	43.5	17.2	
221.100	36.2	QP	16.8	-19.5	33.5	95	100	Hori.	46.0	12.5	
249.996	35.2	QP	17.1	-19.2	33.1	353	100	Vert.	46.0	12.9	
250.001	38.4	QP	17.1	-19.2	36.3	144	142	Hori.	46.0	9.7	
374.998	31.8	QP	16.7	-19.2	29.3	199	100	Hori.	46.0	16.7	
375.003	29.2	QP	16.7	-19.2	26.7	359	128	Vert.	46.0	19.3	
431.996	32.8	QP	17.4	-19.2	31.0	139	100	Hori.	46.0	15.0	
431.998	31.2	QP	17.4	-19.2	29.4	332	147	Vert.	46.0	16.6	
874.994	27.1	QP	21.8	-16.8	32.1	49	100	Vert.	46.0	13.9	
874.999	26.3	QP	21.8	-16.8	31.3	247	100	Hori.	46.0	14.7	

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)**  
**BDR, Tx, Ch: Mid**  
**(Power Supply: SONY)**

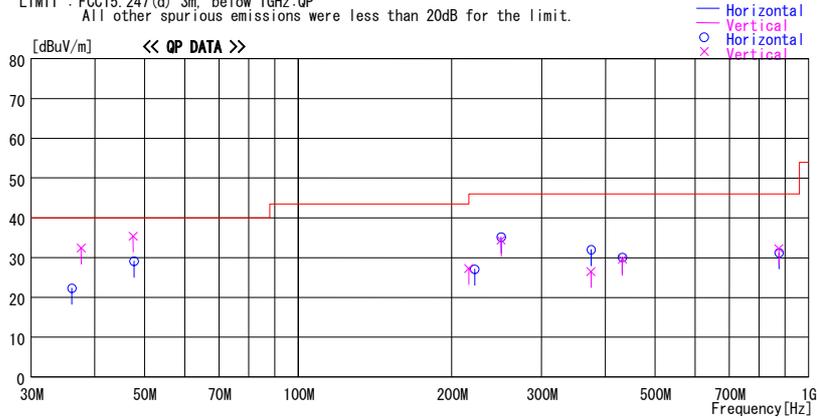
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber  
Date : 2008/06/30

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC120V / 60Hz  
Model No. : CECHL01 Temp./Humi. : 22deg. C. / 68%  
Serial No. : 1080015 Engineer : Akio Hayashi

Mode / Remarks: BT, Tx 2441MHz, DH5, Max-axis(Hor:X-axis, Ver:Y-axis), Power Supply(SONY)

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							
			[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
36.040	28.4	QP	15.8	-21.9	22.3	186	270	Hori.	40.0	17.7	
37.560	39.5	QP	14.8	-21.9	32.4	134	100	Vert	40.0	7.6	
47.530	46.2	QP	10.9	-21.7	35.4	349	100	Vert	40.0	4.6	
47.700	39.9	QP	10.9	-21.7	29.1	288	322	Hori.	40.0	10.9	
215.998	30.2	QP	16.8	-19.7	27.3	96	100	Vert	43.5	16.2	
221.842	29.8	QP	16.8	-19.5	27.1	89	273	Hori.	46.0	18.9	
249.999	37.3	QP	17.1	-19.2	35.2	171	149	Hori.	46.0	10.8	
250.002	36.5	QP	17.1	-19.2	34.4	337	100	Vert	46.0	11.6	
374.999	34.5	QP	16.7	-19.2	32.0	193	100	Hori.	46.0	14.0	
375.002	29.0	QP	16.7	-19.2	26.5	13	142	Vert	46.0	19.5	
431.994	31.9	QP	17.4	-19.2	30.1	137	100	Hori.	46.0	15.9	
432.002	31.4	QP	17.4	-19.2	29.6	326	129	Vert	46.0	16.4	
874.996	26.2	QP	21.8	-16.8	31.2	236	100	Hori.	46.0	14.8	
875.001	27.3	QP	21.8	-16.8	32.3	47	100	Vert	46.0	13.7	

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

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

**Radiated Spurious Emission (below 1GHz)**  
**BDR, Tx, Ch: High**  
**(Power Supply: SONY)**

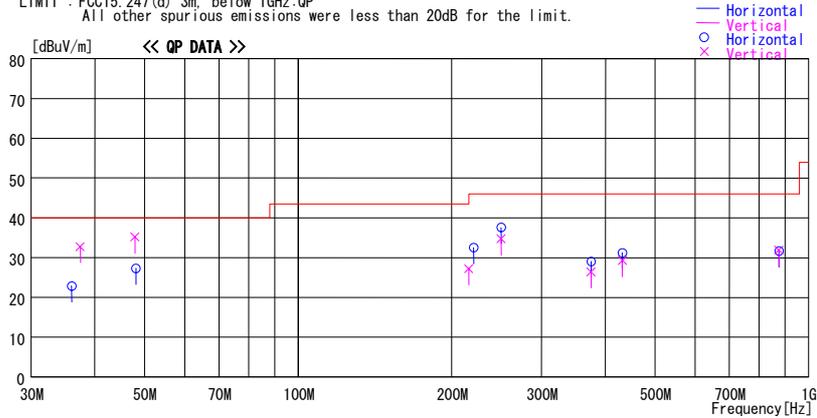
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber  
Date : 2008/06/30

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC120V / 60Hz  
Model No. : CECHL01 Temp./Humi. : 22deg. C. / 68%  
Serial No. : 1080015 Engineer : Akio Hayashi

Mode / Remarks: BT, Tx 2480MHz, DH5, Max-axis(Hor:X-axis, Ver:Y-axis), Power Supply(SONY)

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]							
36.015	29.0	QP	15.8	-21.9	22.9	354	293	Hori.	40.0	17.1	
37.423	39.7	QP	14.9	-21.9	32.7	117	100	Vert	40.0	7.3	
47.922	46.1	QP	10.8	-21.7	35.2	349	100	Vert	40.0	4.8	
48.133	38.2	QP	10.8	-21.7	27.3	300	328	Hori.	40.0	12.7	
215.992	30.1	QP	16.8	-19.7	27.2	66	100	Vert	43.5	16.3	
220.842	35.2	QP	16.8	-19.5	32.5	125	100	Hori.	46.0	13.5	
249.997	36.8	QP	17.1	-19.2	34.7	349	100	Vert	46.0	11.3	
249.997	39.7	QP	17.1	-19.2	37.6	145	143	Hori.	46.0	8.4	
374.998	28.9	QP	16.7	-19.2	26.4	12	131	Vert	46.0	19.6	
374.999	31.5	QP	16.7	-19.2	29.0	200	100	Hori.	46.0	17.0	
431.996	31.1	QP	17.4	-19.2	29.3	331	100	Vert	46.0	16.7	
431.996	33.0	QP	17.4	-19.2	31.2	141	100	Hori.	46.0	14.8	
874.997	26.7	QP	21.8	-16.8	31.7	237	100	Hori.	46.0	14.3	
875.004	26.9	QP	21.8	-16.8	31.9	46	100	Vert	46.0	14.1	

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

**Radiated Spurious Emission (below 1GHz)**  
**EDR, Tx, Ch: Low**  
**(Power Supply: SONY)**

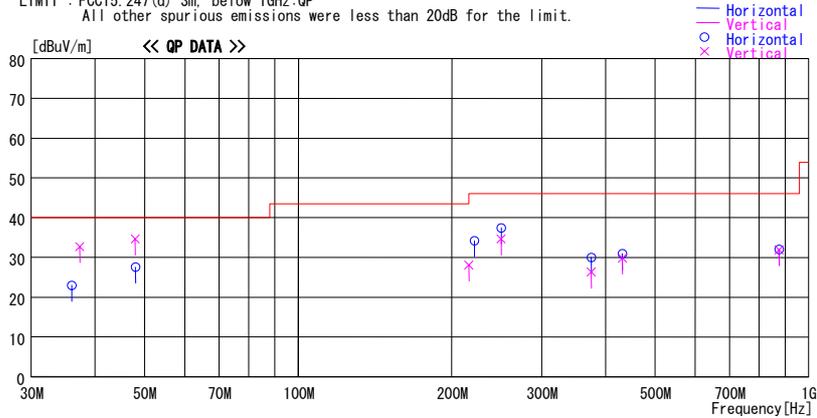
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber  
Date : 2008/06/30

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC120V / 60Hz  
Model No. : CECHL01 Temp./Humi. : 22deg. C. / 68%  
Serial No. : 1080015 Engineer : Akio Hayashi

Mode / Remarks: BT, Tx 2402MHz, 3-DH5, Max-axis(Hor:X-axis, Ver:Y-axis), Power Supply(SONY)

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]							
36.012	29.1	QP	15.8	-21.9	23.0	350	269	Hori.	40.0	17.0	
37.320	39.6	QP	15.0	-21.9	32.7	135	100	Vert	40.0	7.3	
47.961	45.5	QP	10.8	-21.7	34.6	349	100	Vert	40.0	5.4	
48.022	38.5	QP	10.8	-21.7	27.6	292	308	Hori.	40.0	12.4	
215.995	31.0	QP	16.8	-19.7	28.1	108	100	Vert	43.5	15.4	
221.483	36.9	QP	16.8	-19.5	34.2	103	100	Hori.	46.0	11.8	
249.999	39.5	QP	17.1	-19.2	37.4	146	145	Hori.	46.0	8.6	
250.000	36.7	QP	17.1	-19.2	34.6	350	100	Vert	46.0	11.4	
375.001	28.8	QP	16.7	-19.2	26.3	9	125	Vert	46.0	19.7	
375.002	32.5	QP	16.7	-19.2	30.0	197	100	Hori.	46.0	16.0	
431.993	31.6	QP	17.4	-19.2	29.8	337	100	Vert	46.0	16.2	
431.998	32.8	QP	17.4	-19.2	31.0	147	100	Hori.	46.0	15.0	
874.998	26.9	QP	21.8	-16.8	31.9	349	100	Vert	46.0	14.1	
875.001	27.0	QP	21.8	-16.8	32.0	239	100	Hori.	46.0	14.0	

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)

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

**Radiated Spurious Emission (below 1GHz)**  
**EDR, Tx, Ch: Mid**  
**(Power Supply: SONY)**

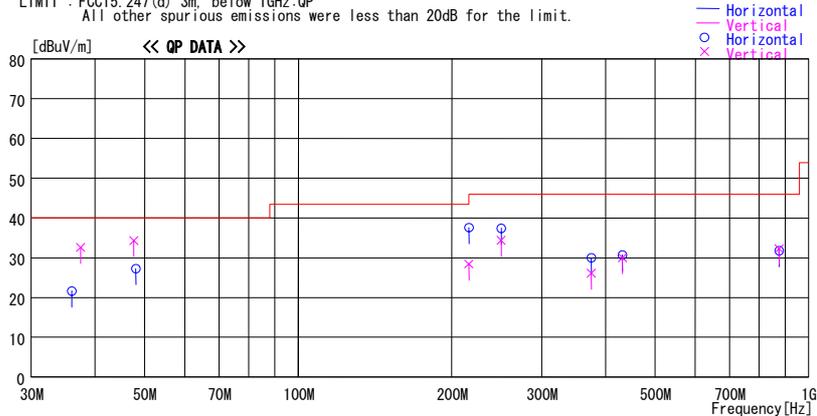
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber  
Date : 2008/06/30

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC120V / 60Hz  
Model No. : CECHL01 Temp./Humi. : 22deg. C. / 68%  
Serial No. : 1080015 Engineer : Akio Hayashi

Mode / Remarks: BT, Tx 2441MHz, 3-DH5, Max-axis(Hor:X-axis, Ver:Y-axis), Power Supply(SONY)

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							
			[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
36.020	27.8	QP	15.8	-21.9	21.7	319	227	Hori.	40.0	18.4	
37.460	39.6	QP	14.9	-21.9	32.6	79	100	Vert.	40.0	7.4	
47.681	45.1	QP	10.9	-21.7	34.3	359	100	Vert.	40.0	5.7	
48.042	38.1	QP	10.8	-21.7	27.2	291	305	Hori.	40.0	12.8	
215.999	31.3	QP	16.8	-19.7	28.4	359	121	Vert.	43.5	15.1	
215.999	40.5	QP	16.8	-19.7	37.6	101	134	Hori.	43.5	5.9	
250.000	39.5	QP	17.1	-19.2	37.4	153	143	Hori.	46.0	8.6	
250.000	36.5	QP	17.1	-19.2	34.4	345	100	Vert.	46.0	11.6	
375.006	28.6	QP	16.7	-19.2	26.1	9	125	Vert.	46.0	19.9	
375.003	32.5	QP	16.7	-19.2	30.0	200	100	Hori.	46.0	16.0	
432.000	31.9	QP	17.4	-19.2	30.0	317	120	Vert.	46.0	16.0	
431.998	32.6	QP	17.4	-19.2	30.8	142	105	Hori.	46.0	15.3	
875.001	27.3	QP	21.8	-16.8	32.3	306	130	Vert.	46.0	13.7	
875.005	26.8	QP	21.8	-16.8	31.8	234	100	Hori.	46.0	14.2	

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

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

**Radiated Spurious Emission (below 1GHz)**  
**EDR, Tx, Ch: High**  
**(Power Supply: SONY)**

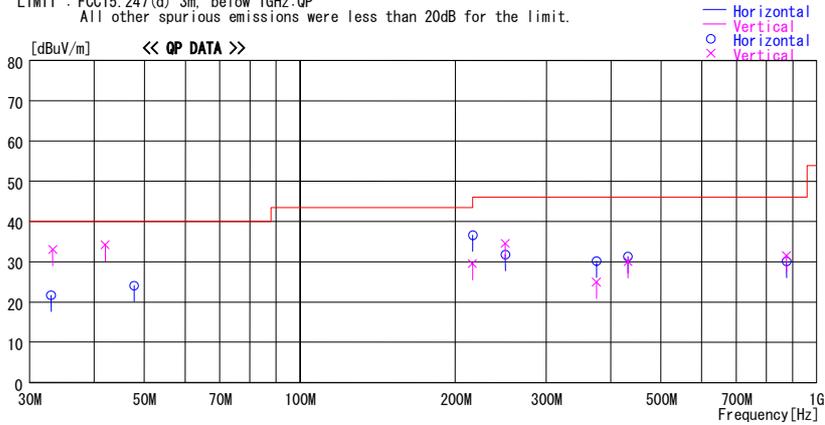
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber  
Date : 2008/06/30

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC120V / 60Hz  
Model No. : CECHL01 Temp./Humi. : 22deg.C. / 68%  
Serial No. : 1080015 Engineer : Akio Hayashi

Mode / Remarks : BT, Tx 2480MHz, 3-DH5, Max-axis(Hor:X-axis, Ver:Y-axis), Power Supply (SONY)

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]							
32.992	26.2	QP	17.4	-21.9	21.7	189	252	Hori.	40.0	18.3	
33.240	37.6	QP	17.3	-21.9	33.0	105	100	Vert.	40.0	7.0	
42.020	43.3	QP	12.7	-21.8	34.2	4	100	Vert.	40.0	5.8	
47.800	34.9	QP	10.9	-21.7	24.1	303	360	Hori.	40.0	15.9	
215.996	32.4	QP	16.8	-19.7	29.5	92	136	Vert.	43.5	14.0	
215.996	39.5	QP	16.8	-19.7	36.6	91	100	Hori.	43.5	6.9	
250.002	33.9	QP	17.1	-19.2	31.8	189	308	Hori.	46.0	14.2	
250.003	36.6	QP	17.1	-19.2	34.5	344	100	Vert.	46.0	11.5	
375.001	27.4	QP	16.7	-19.2	24.9	229	100	Vert.	46.0	21.1	
375.005	32.7	QP	16.7	-19.2	30.2	196	100	Hori.	46.0	15.9	
432.000	31.8	QP	17.4	-19.2	30.0	329	130	Vert.	46.0	16.0	
431.999	33.1	QP	17.4	-19.2	31.3	152	100	Hori.	46.0	14.7	
875.005	26.5	QP	21.8	-16.8	31.5	56	100	Vert.	46.0	14.5	
875.005	25.1	QP	21.8	-16.8	30.1	213	100	Hori.	46.0	16.0	

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)

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

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

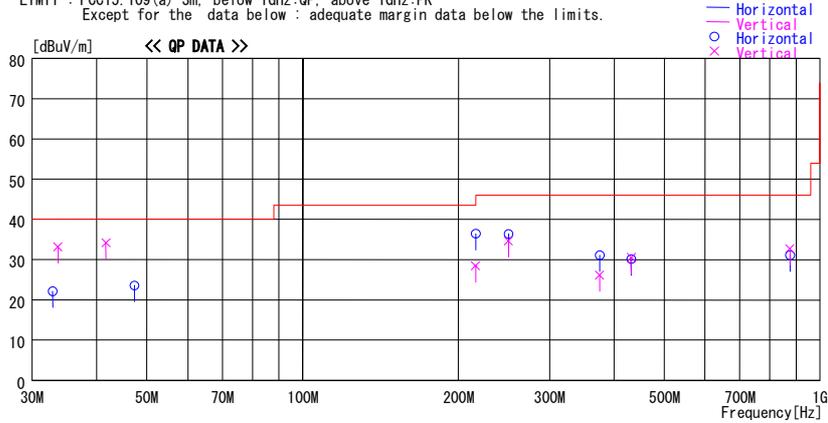
**DATA OF RADIATED EMISSION TEST**

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber  
Date : 2008/06/30

Company : Sony Computer Entertainment Inc. Report No. : 28KE0107-HO-01  
Kind of EUT : PLAYSTATION®3 Power : AC120V / 60Hz  
Model No. : CECHL01 Temp./Humi. : 22deg.C. / 68%  
Serial No. : 1080015 Engineer : Akio Hayashi

Mode / Remarks : BT, Rx 2441MHz, Max-axis(Hor:X-axis, Ver:Y-axis), Power Supply(SONY)

LIMIT : FCC15.109(a) 3m, below 1GHz:QP, above 1GHz:PK  
Except for the data below : adequate margin data below the limits.



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]							
32.864	26.5	QP	17.5	-21.9	22.1	182	308	Hori.	40.0	17.9	
33.640	38.0	QP	17.1	-21.9	33.2	126	100	Vert.	40.0	6.8	
41.680	43.2	QP	12.8	-21.8	34.2	359	100	Vert.	40.0	5.8	
47.340	34.4	QP	11.0	-21.8	23.6	268	362	Hori.	40.0	16.4	
215.999	31.4	QP	16.8	-19.7	28.5	96	133	Vert.	43.5	15.0	
215.999	39.3	QP	16.8	-19.7	36.4	122	100	Hori.	43.5	7.1	
250.000	38.4	QP	17.1	-19.2	36.3	147	126	Hori.	46.0	9.7	
250.003	36.7	QP	17.1	-19.2	34.6	349	100	Vert.	46.0	11.4	
375.002	28.7	QP	16.7	-19.2	26.2	28	123	Vert.	46.0	19.8	
375.003	33.6	QP	16.7	-19.2	31.1	211	100	Hori.	46.0	14.9	
431.999	32.3	QP	17.4	-19.2	30.5	327	137	Vert.	46.0	15.5	
431.999	31.9	QP	17.4	-19.2	30.1	317	100	Hori.	46.0	15.9	
875.004	27.7	QP	21.8	-16.8	32.7	359	136	Vert.	46.0	13.3	
875.005	26.1	QP	21.8	-16.8	31.1	20	278	Hori.	46.0	14.9	

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

**Radiated Spurious Emission (above 1GHz)**

**BDR, Tx, Ch: Low  
(Power Supply: SONY)**

UL Japan, Inc.

Company Sony Computer Entertainment Inc.  
Equipmen PLAYSTATION@3  
Model CECHL01  
S/N 1080015  
Power AC 120V / 60Hz  
Mode Bluetooth, Tx 2402MHz, Hopping off, DH5  
Position H: X-axis, V: Y-axis

Head Office EMC Lab. No.2 Semi Anechoic Chamber  
Regulation FCC15.247(d) / RSS-210 A8.5  
Test Distance 3m (1G-10GHz) / 1m (above 10GHz)  
Date June 26, 2008 June 26, 2008  
Temperature 22 deg.C. 22 deg.C.  
Humidity 68% 72 %  
Engineer Hisayoshi Sato Satofumi Matsuyama  
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
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1940.00	56.7	64.7	25.8	32.4	2.4	0.0	52.5	60.5	73.9	21.4	13.4
2	2390.00	48.9	50.0	26.8	32.5	2.6	0.0	45.8	46.9	73.9	28.1	27.0
3**	2400.00	62.4	65.4	26.8	32.5	2.6	0.0	59.3	62.3	73.9	-	-
4	3186.67	54.8	55.1	28.3	32.0	3.0	0.0	54.1	54.4	73.9	19.8	19.5
5	4804.00	43.8	42.7	31.2	31.4	4.1	0.7	48.4	47.3	73.9	25.5	26.6
6	6392.45	49.7	57.2	33.7	31.1	4.5	0.8	57.6	65.1	73.9	16.3	8.8
7	7206.00	43.7	44.1	35.5	31.0	4.4	0.6	53.2	53.6	73.9	20.7	20.3
8	9608.00	45.0	43.6	38.6	31.4	5.1	0.9	58.2	56.8	73.9	15.7	17.1
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
9	12010.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	14412.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	16814.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	19216.00	NS	NS	-	-	-	-	-	-	73.9	-	-
13	21618.00	NS	NS	-	-	-	-	-	-	73.9	-	-
14	24020.00	49.2	48.4	39.8	29.9	7.7	0.0	57.3	56.5	73.9	16.6	17.4

\*\* Reference data (Refer to next page(20dBc data sheet))

**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	1940.00	35.8	32.1	25.8	32.4	2.4	0.0	31.6	27.9	53.9	22.3	26.0
2	2390.00	32.9	34.7	26.8	32.5	2.6	0.0	29.8	31.6	53.9	24.1	22.3
3**	2400.00	47.8	49.0	26.8	32.5	2.6	0.0	44.7	45.9	53.9	-	-
4	3186.67	32.5	33.3	28.3	32.0	3.0	0.0	31.8	32.6	53.9	22.1	21.3
5	4804.00	33.2	30.3	31.2	31.4	4.1	0.7	37.8	34.9	53.9	16.1	19.0
6	6392.45	30.3	32.0	33.6	31.1	4.5	0.8	38.1	39.8	53.9	15.8	14.1
7	7206.00	30.1	30.1	35.5	31.0	4.4	0.6	39.6	39.6	53.9	14.3	14.3
8	9608.00	30.2	30.2	38.6	31.4	5.1	0.9	43.4	43.4	53.9	10.5	10.5
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
9	12010.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	14412.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	16814.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	19216.00	NS	NS	-	-	-	-	-	-	53.9	-	-
13	21618.00	NS	NS	-	-	-	-	-	-	53.9	-	-
14	24020.00	34.9	34.9	39.8	29.9	7.7	0.0	43.0	43.0	53.9	10.9	10.9

\*\* Reference data (Refer to next page(20dBc data sheet))

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3.0/1.0) = 9.5 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 test result is round off to one or two decimal places, so some differences might be observed.

\*NS: No detect Signal.

**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 (above 1GHz)**  
**BDR, Tx, Ch: Low**  
**(Power Supply: SONY)**  
**(20dBc data sheet)**

Company	Sony Computer Entertainment Inc.	UL Japan, Inc.
Equipmen	PLAYSTATION®3	Head Office EMC Lab. No.2 Semi Anechoic Chamber
Model	CECHL01	Regulation FCC15.247(d) / RSS-210 A8.5
S/N	1080015	Test Distance 3m (1G-10GHz)
Power	AC 120V / 60Hz	Date June 26, 2008
Mode	Bluetooth, Tx 2402MHz, Hopping off, DH5	Temperature 22 deg.C.
Position	H: X-axis, V: Y-axis	Humidity 68%
		Engineer Hisayoshi Sato

20dBc (Fundamental) 2402.0 MHz (RBW: 100kHz, VBW: 300kHz)												
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit 20dBc [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
0	2402.00	101.4	99.5	26.8	32.5	2.6	0.0	98.3	96.4	-	-	-
3	2400.00	62.4	65.4	26.8	32.5	2.6	0.0	59.3	62.3	Funda-20dB	19.0	14.1

\*Hi-Pass Fiter 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.

**Radiated Spurious Emission**  
**BDR, Tx, Ch: Mid**  
**(Power Supply: SONY)**

Company Sony Computer Entertainment Inc.  
Equipment PLAYSTATION®3  
Model CECHL01  
S/N 1080015  
Power AC 120V / 60Hz  
Mode Bluetooth, Tx 2441MHz, Hopping off, DH5  
Position H: Xaxis, V: Y-axis

UL Japan, Inc.  
Head Office EMC Lab. No.2 Semi Anechoic Chamber  
Regulation FCC15.247(d) / RSS-210 A8.5  
Test Distance 3m (1G-10GHz) / 1m (above 10GHz)  
Date June 26, 2008 June 26, 2008  
Temperature 22 deg.C. 22 deg.C.  
Humidity 68% 72 %  
Engineer Hisayoshi Sato Satofumi Matsuyama  
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
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1945.97	64.2	63.8	25.8	32.4	2.4	0.0	60.0	59.6	73.9	13.9	14.3
2	3186.67	55.5	56.7	28.3	32.0	3.0	0.0	54.8	56.0	73.9	19.1	17.9
3	4882.00	42.5	42.4	31.4	31.4	4.1	0.7	47.3	47.2	73.9	26.6	26.7
4	6392.08	53.4	53.1	33.7	31.1	4.5	0.8	61.3	61.0	73.9	12.6	12.9
5	7323.00	44.1	43.4	35.7	31.0	4.5	0.6	53.9	53.2	73.9	20.0	20.7
6	9764.00	44.1	43.3	38.7	31.4	5.2	0.9	57.5	56.7	73.9	16.4	17.2
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
7	12205.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	14646.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	17087.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	19528.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	21969.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	24410.00	49.2	48.6	40.1	30.0	7.9	0.0	57.7	57.1	73.9	16.2	16.8

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1945.97	33.0	32.9	25.8	32.4	2.4	0.0	28.8	28.7	53.9	25.1	25.2
2	3186.67	32.9	33.6	28.3	32.0	3.0	0.0	32.2	32.9	53.9	21.7	21.0
3	4882.00	28.9	28.9	31.4	31.4	4.1	0.7	33.7	33.7	53.9	20.2	20.2
4	6392.08	31.1	30.9	33.7	31.1	4.5	0.8	39.0	38.8	53.9	14.9	15.1
5	7323.00	30.2	30.2	35.7	31.0	4.5	0.6	40.0	40.0	53.9	13.9	13.9
6	9764.00	29.8	29.9	38.7	31.4	5.2	0.9	43.2	43.3	53.9	10.7	10.6
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
7	12205.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	14646.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	17087.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	19528.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	21969.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	24410.00	34.5	34.5	40.1	30.0	7.9	0.0	43.0	43.0	53.9	10.9	10.9

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3.0/1.0) = 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.  
\*In the frequency over the second harmonic, the noise from the EUT was not seen. The data above is its base noise.  
\*The test result is round off to one or two decimal places, so some differences might be observed.  
\*NS: No detect Signal.

**Radiated Spurious Emission**  
**BDR, Tx, Ch: High**  
**(Power Supply: SONY)**

Company Sony Computer Entertainment Inc.  
Equipmen PLAYSTATION®3  
Model CECHL01  
S/N 1080015  
Power AC 120V / 60Hz  
Mode Bluetooth, Tx 2480MHz , Hopping off, DH5  
Position H: X-axis, V: Y-axis

UL Japan, Inc.  
Head Office EMC Lab. No.2 Semi Anechoic Chamber  
Regulation FCC15.247(d) / RSS-210 A8.5  
Test Distance 3m (1G-10GHz) / 1m (above 10GHz)  
Date June 26, 2008 June 26, 2008  
Temperature 22 deg.C. 22 deg.C.  
Humidity 68% 72 %  
Engineer Hisayoshi Sato Satofumi Matsuyama  
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
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1944.83	61.9	65.7	25.8	32.4	2.4	0.0	57.7	61.5	73.9	16.2	12.4
2	2483.50	57.4	55.6	27.0	32.5	2.6	0.0	54.5	52.7	73.9	19.4	21.2
4	3200.01	52.7	54.8	28.3	32.0	3.0	0.0	52.0	54.1	73.9	21.9	19.8
5	4960.00	44.7	42.9	31.5	31.4	4.2	0.7	49.7	47.9	73.9	24.2	26.0
6	6391.69	47.9	48.1	33.6	31.1	4.5	0.8	55.7	55.9	73.9	18.2	18.0
7	7440.00	43.8	43.0	36.0	31.0	4.6	0.6	54.0	53.2	73.9	19.9	20.7
8	9920.00	43.8	44.2	38.9	31.4	5.2	0.9	57.4	57.8	73.9	16.5	16.1
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
9	12400.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	14880.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	17360.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	19840.00	NS	NS	-	-	-	-	-	-	73.9	-	-
13	22320.00	NS	NS	-	-	-	-	-	-	73.9	-	-
14	24800.00	49.5	48.9	40.4	30.1	8.0	0.0	58.3	57.7	73.9	15.6	16.2

**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	1944.83	32.7	34.0	25.8	32.4	2.4	0.0	28.5	29.8	53.9	25.4	24.1
2	2483.50	36.0	35.5	27.0	32.5	2.6	0.0	33.1	32.6	53.9	20.8	21.3
4	3200.01	32.5	33.4	28.3	32.0	3.0	0.0	31.8	32.7	53.9	22.1	21.2
5	4960.00	31.2	29.8	31.5	31.4	4.2	0.7	36.2	34.8	53.9	17.7	19.1
6	6391.69	29.8	29.7	33.6	31.1	4.5	0.8	37.6	37.5	53.9	16.3	16.4
7	7440.00	29.7	29.8	36.0	31.0	4.6	0.6	39.9	40.0	53.9	14.0	13.9
8	9920.00	29.6	29.7	38.9	31.4	5.2	0.9	43.2	43.3	53.9	10.7	10.6
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
9	12400.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	14880.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	17360.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	19840.00	NS	NS	-	-	-	-	-	-	53.9	-	-
13	22320.00	NS	NS	-	-	-	-	-	-	53.9	-	-
14	24800.00	35.0	34.9	40.4	30.1	8.0	0.0	43.8	43.7	53.9	10.1	10.2

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3.0/1.0) = 9.5 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 test result is round off to one or two decimal places, so some differences might be observed.  
\*NS: No detect Signal.

**Radiated Spurious Emission (above 1GHz)**

**EDR, Tx, Ch: Low  
(Power Supply: SONY)**

Company Sony Computer Entertainment Inc.  
Equipmen PLAYSTATION®3  
Model CECHL01  
S/N 1080015  
Power AC 120V / 60Hz  
Mode Bluetooth, Tx 2402MHz, Hopping off, 3-DH5  
Position H: X-axis, V: Y-axis

UL Japan, Inc.  
Head Office EMC Lab. No.2 Semi Anechoic Chamber  
Regulation FCC15.247(d) / RSS-210 A8.5  
Test Distance 3m (1G-10GHz) / 1m (above 10GHz)  
Date June 26, 2008 June 26, 2008  
Temperature 22 deg.C. 22 deg.C.  
Humidity 68% 72 %  
Engineer Hisayoshi Sato Satofumi Matsuyama  
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
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1941.24	56.7	63.2	25.8	32.4	2.4	0.0	52.5	59.0	73.9	21.4	14.9
2	2390.00	48.1	43.6	26.8	32.5	2.6	0.0	45.0	40.5	73.9	28.9	33.4
3 **	2400.00	71.2	68.0	26.8	32.5	2.6	0.0	68.1	64.9	73.9	-	-
4	3189.51	51.5	53.1	28.3	32.0	3.0	0.0	50.8	52.4	73.9	23.1	21.5
5	4804.00	43.1	42.4	31.2	31.4	4.1	0.7	47.7	47.0	73.9	26.2	26.9
6	6395.35	50.3	55.4	33.7	31.1	4.5	0.8	58.2	63.3	73.9	15.7	10.6
7	7206.00	44.0	44.5	35.5	31.0	4.4	0.6	53.5	54.0	73.9	20.4	19.9
8	9608.00	45.3	43.9	38.6	31.4	5.1	0.9	58.5	57.1	73.9	15.4	16.8
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
9	12010.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	14412.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	16814.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	19216.00	NS	NS	-	-	-	-	-	-	73.9	-	-
13	21618.00	NS	NS	-	-	-	-	-	-	73.9	-	-
14	24020.00	48.9	48.8	39.8	29.9	7.7	0.0	57.0	56.9	73.9	16.9	17.0

\*\* Reference data (Refer to next page(20dBc data sheet))

**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	1941.24	35.8	35.5	25.8	32.4	2.4	0.0	31.6	31.3	53.9	22.3	22.6
2	2390.00	35.2	34.1	26.8	32.5	2.6	0.0	32.1	31.0	53.9	21.8	22.9
3 **	2400.00	53.1	51.2	26.8	32.5	2.6	0.0	50.0	48.1	53.9	-	-
4	3189.51	33.4	33.8	28.3	32.0	3.0	0.0	32.7	33.1	53.9	21.2	20.8
5	4804.00	32.8	30.5	31.2	31.4	4.1	0.7	37.4	35.1	53.9	16.5	18.8
6	6395.35	30.6	32.3	33.6	31.1	4.5	0.8	38.4	40.1	53.9	15.5	13.8
7	7206.00	30.2	30.2	35.5	31.0	4.4	0.6	39.7	39.7	53.9	14.2	14.2
8	9608.00	30.3	30.4	38.6	31.4	5.1	0.9	43.5	43.6	53.9	10.4	10.3
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
9	12010.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	14412.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	16814.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	19216.00	NS	NS	-	-	-	-	-	-	53.9	-	-
13	21618.00	NS	NS	-	-	-	-	-	-	53.9	-	-
14	24020.00	35.0	34.8	39.8	29.9	7.7	0.0	43.1	42.9	53.9	10.8	11.0

\*\* Reference data (Refer to next page(20dBc data sheet))

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3.0/1.0) = 9.5 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 test result is round off to one or two decimal places, so some differences might be observed.

\*NS: No detect Signal.

**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 (above 1GHz)**  
**EDR, Tx, Ch: Low**  
**(Power Supply: SONY)**  
**(20dBc data sheet)**

Company	Sony Computer Entertainment Inc.	UL Japan, Inc.
Equipmen	PLAYSTATION®3	Head Office EMC Lab. No.2 Semi Anechoic Chamber
Model	CECHL01	Regulation FCC15.247(d) / RSS-210 A8.5
S/N	1080015	Test Distance 3m (1G-10GHz)
Power	AC 120V / 60Hz	Date June 26, 2008
Mode	Bluetooth, Tx 2402MHz, Hopping off, 3-DH5	Temperature 22 deg.C.
Position	H: X-axis, V: Y-axis	Humidity 68%
		Engineer Hisayoshi Sato

**20dBc (Fundamental 2402.0 MHz)** (RBW: 100kHz, VBW: 300kHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit 20dBc [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
0	2402.00	102.1	99.7	26.8	32.5	2.6	0.0	99.0	96.6	-	-	-
3	2400.00	50.5	47.3	26.8	32.5	2.6	0.0	47.4	44.2	Funda-20dB	31.6	32.4

\*Hi-Pass Fiter 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.

**Radiated Spurious Emission (above 1GHz)**

**EDR, Tx, Ch: Mid  
(Power Supply: SONY)**

Company Sony Computer Entertainment Inc.  
Equipmen PLAYSTATION®3  
Model CECHL01  
S/N 1080015  
Power AC 120V / 60Hz  
Mode Bluetooth, Tx 2441MHz, Hopping off, 3-DH5  
Position H: X-axis, V: Y-axis

UL Japan, Inc.  
Head Office EMC Lab. No.2 Semi Anechoic Chamber  
Regulation FCC15.247(d) / RSS-210 A8.5  
Test Distance 3m (1G-10GHz) / 1m (above 10GHz)  
Date June 26, 2008 June 26, 2008  
Temperature 22 deg.C. 22 deg.C.  
Humidity 68% 72 %  
Engineer Hisayoshi Sato Satofumi Matsuyama  
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 [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1945.57	62.6	62.9	25.8	32.4	2.4	0.0	58.4	58.7	73.9	15.5	15.2
2	3196.08	54.4	54.6	28.3	32.0	3.0	0.0	53.7	53.9	73.9	20.2	20.0
3	4882.00	42.0	42.8	31.4	31.4	4.1	0.7	46.8	47.6	73.9	27.1	26.3
4	6395.00	47.6	56.4	33.7	31.1	4.5	0.8	55.5	64.3	73.9	18.4	9.6
5	7323.00	43.7	43.5	35.7	31.0	4.5	0.6	53.5	53.3	73.9	20.4	20.6
6	9764.00	43.7	43.3	38.7	31.4	5.2	0.9	57.1	56.7	73.9	16.8	17.2
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
7	12205.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	14646.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	17087.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	19528.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	21969.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	24410.00	48.7	48.2	40.1	30.0	7.9	0.0	57.2	56.7	73.9	16.7	17.2

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss</b>												
1	1945.57	31.8	32.7	25.8	32.4	2.4	0.0	27.6	28.5	53.9	26.3	25.4
2	3196.08	32.1	33.7	28.3	32.0	3.0	0.0	31.4	33.0	53.9	22.5	20.9
3	4882.00	28.9	28.6	31.4	31.4	4.1	0.7	33.7	33.4	53.9	20.2	20.5
4	6395.00	29.6	31.2	33.7	31.1	4.5	0.8	37.5	39.1	53.9	16.4	14.8
5	7323.00	30.1	30.2	35.7	31.0	4.5	0.6	39.9	40.0	53.9	14.0	13.9
6	9764.00	29.8	29.8	38.7	31.4	5.2	0.9	43.2	43.2	53.9	10.7	10.7
<b>Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac</b>												
7	12205.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	14646.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	17087.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	19528.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	21969.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	24410.00	34.5	34.2	40.1	30.0	7.9	0.0	43.0	42.7	53.9	10.9	11.2

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3.0/1.0) = 9.5 dB

\*Except for the above table : All other spurious emissions were less than 20dB for the limit.

\*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

\*In the frequency over the second harmonic, the noise from the EUT was not seen.The data above is its base noise.

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

\*NS: No detect Signal.

**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 (above 1GHz)**

**EDR, Tx, Ch: High  
(Power Supply: SONY)**

Company Sony Computer Entertainment Inc.  
Equipmen PLAYSTATION®3  
Model CECHL01  
S/N 1080015  
Power AC 120V / 60Hz  
Mode Bluetooth, Tx 2480MHz , Hopping off, 3-DH5  
Position H: X-axis, V: Y-axis

UL Japan, Inc.  
Head Office EMC Lab. No.2 Semi Anechoic Chamber  
Regulation FCC15.247(d) / RSS-210 A8.5  
Test Distance 3m (1G-10GHz) / 1m (above 10GHz)  
Date June 26, 2008 June 26, 2008  
Temperature 22 deg.C. 22 deg.C.  
Humidity 68% 72 %  
Engineer Hisayoshi Sato Satofumi Matsuyama  
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	1944.83	62.8	63.4	25.8	32.4	2.4	0.0	58.6	59.2	73.9	15.3	14.7
2	2483.50	65.6	65.6	27.0	32.5	2.6	0.0	62.7	62.7	73.9	11.2	11.2
3	3200.01	52.7	54.9	28.3	32.0	3.0	0.0	52.0	54.2	73.9	21.9	19.7
4	4960.00	44.4	43.0	31.5	31.4	4.2	0.7	49.4	48.0	73.9	24.5	25.9
5	6385.81	49.2	58.5	33.6	31.1	4.5	0.8	57.0	66.3	73.9	16.9	7.6
6	7440.00	44.0	43.0	36.0	31.0	4.6	0.6	54.2	53.2	73.9	19.7	20.7
7	9920.00	44.2	44.2	38.9	31.4	5.2	0.9	57.8	57.8	73.9	16.1	16.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12400.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	14880.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	17360.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	19840.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	22320.00	NS	NS	-	-	-	-	-	-	73.9	-	-
13	24800.00	49.3	49.2	40.4	30.1	8.0	0.0	58.1	58.0	73.9	15.8	15.9

**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	1944.83	34.6	33.0	25.8	32.4	2.4	0.0	30.4	28.8	53.9	23.5	25.1
2	2483.50	48.4	48.5	27.0	32.5	2.6	0.0	45.5	45.6	53.9	8.4	8.3
3	3200.01	33.9	34.2	28.3	32.0	3.0	0.0	33.2	33.5	53.9	20.7	20.4
4	4960.00	31.1	30.0	31.5	31.4	4.2	0.7	36.1	35.0	53.9	17.8	18.9
5	6385.81	30.6	33.0	33.6	31.1	4.5	0.8	38.4	40.8	53.9	15.5	13.1
6	7440.00	30.0	29.8	36.0	31.0	4.6	0.6	40.2	40.0	53.9	13.7	13.9
7	9920.00	29.9	29.7	38.9	31.4	5.2	0.9	43.5	43.3	53.9	10.4	10.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12400.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	14880.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	17360.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	19840.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	22320.00	NS	NS	-	-	-	-	-	-	53.9	-	-
13	24800.00	35.0	35.0	40.4	30.1	8.0	0.0	43.8	43.8	53.9	10.1	10.1

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3.0/1.0) = 9.5 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 test result is round off to one or two decimal places, so some differences might be observed.  
\*NS: No detect Signal.

**Radiated Spurious Emission (above 1GHz)**

**Rx, Ch: Mid  
(Power Supply: SONY)**

Company Sony Computer Entertainment Inc.  
Equipmen PLAYSTATION@3  
Model CECHL01  
S/N 1080015  
Power AC 120V / 60Hz  
Mode Bluetooth, Rx 2441MHz  
Position H: X-axis, V: Y-axis

UL Japan, Inc.  
Head Office EMC Lab. No.2 Semi Anechoic Chamber  
Regulation RSS-210 A8.5  
Test Distance 3m (1G-10GHz) / 1m (above 10GHz)  
Date June 26, 2008 June 26, 2008  
Temperature 22 deg.C. 22 deg.C.  
Humidity 68% 72 %  
Engineer Hisayoshi Sato Satofumi Matsuyama  
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]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER				HOR	VER		HOR	VER
<b>Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss</b>											
1	1623.27	58.6	61.0	25.3	32.8	2.3	53.4	55.8	73.9	20.5	18.1
2	1943.70	60.5	62.1	25.8	32.4	2.4	56.3	57.9	73.9	17.6	16.0
3	2441.00	44.5	44.2	26.9	32.5	2.6	41.5	41.2	73.9	32.4	32.7
4	3188.93	54.3	55.9	28.3	32.0	3.0	53.6	55.2	73.9	20.3	18.7
5	4882.00	42.0	42.3	31.4	31.4	3.6	45.6	45.9	73.9	28.3	28.0
6	6390.21	49.3	59.2	33.6	31.1	4.0	55.8	65.7	73.9	18.1	<b>8.2</b>
7	7323.00	43.7	43.1	35.7	31.0	3.9	52.3	51.7	73.9	21.6	22.2
8	9764.00	43.8	43.0	38.7	31.4	4.6	55.7	54.9	73.9	18.2	19.0

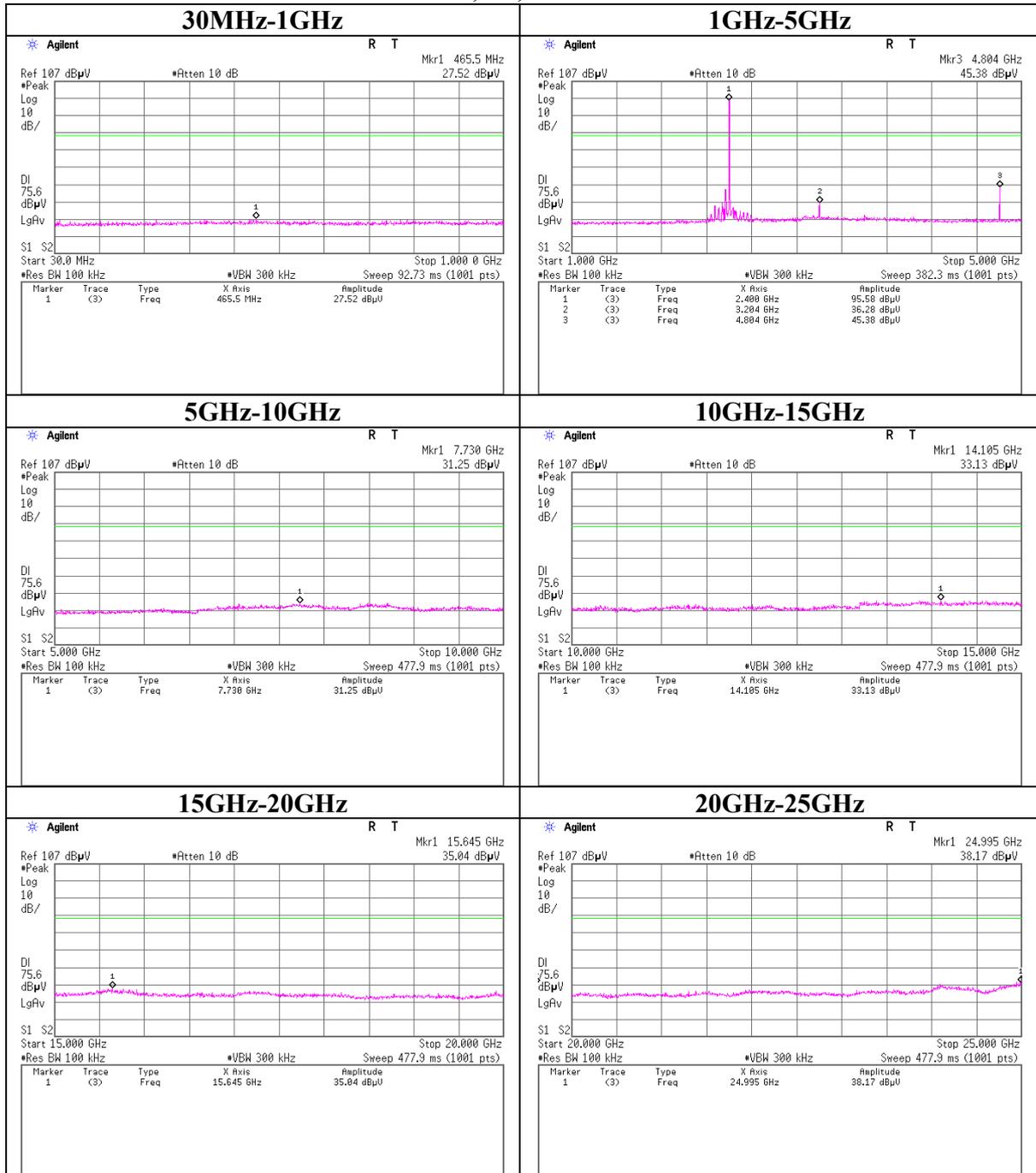
**AV DETECT** (RBW: 1MHz, VBW: 10Hz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [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</b>											
1	1623.27	32.1	32.7	25.3	32.8	2.3	26.9	27.5	53.9	27.0	26.4
2	1943.70	33.9	34.7	25.8	32.4	2.4	29.7	30.5	53.9	24.2	23.4
3	2441.00	31.1	31.3	26.9	32.5	2.6	28.1	28.3	53.9	25.8	25.6
4	3188.93	31.8	32.8	28.3	32.0	3.0	31.1	32.1	53.9	22.8	21.8
5	4882.00	29.5	29.5	31.4	31.4	3.6	33.1	33.1	53.9	20.8	20.8
6	6390.21	31.1	33.4	33.6	31.1	4.0	37.6	39.9	53.9	16.3	14.0
7	7323.00	31.1	31.0	35.7	31.0	3.9	39.7	39.6	53.9	14.2	14.3
8	9764.00	30.4	30.4	38.7	31.4	4.6	42.3	42.3	53.9	<b>11.6</b>	<b>11.6</b>

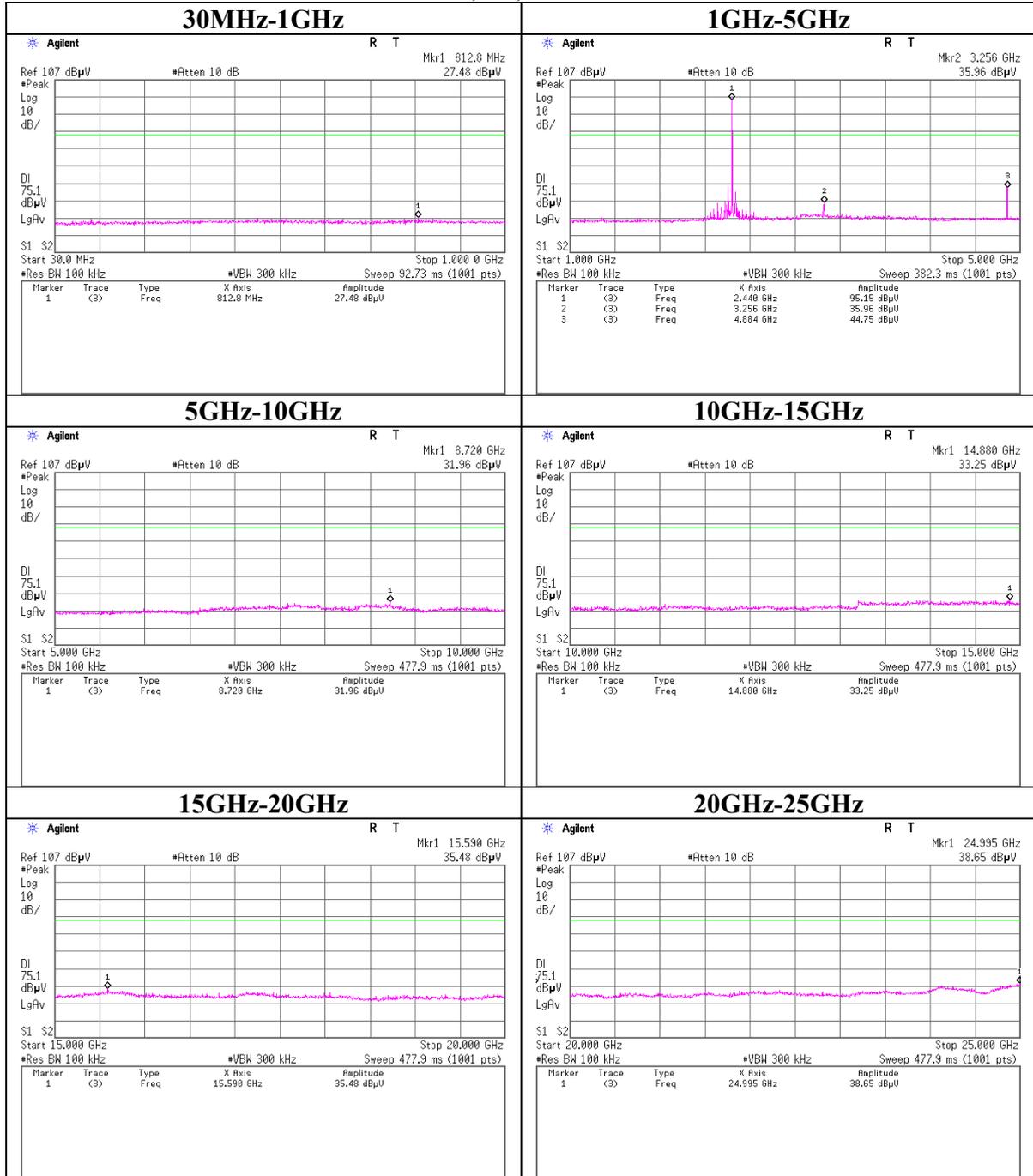
\*Except for the above table : All other spurious emissions were less than 20dB for the limit.

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

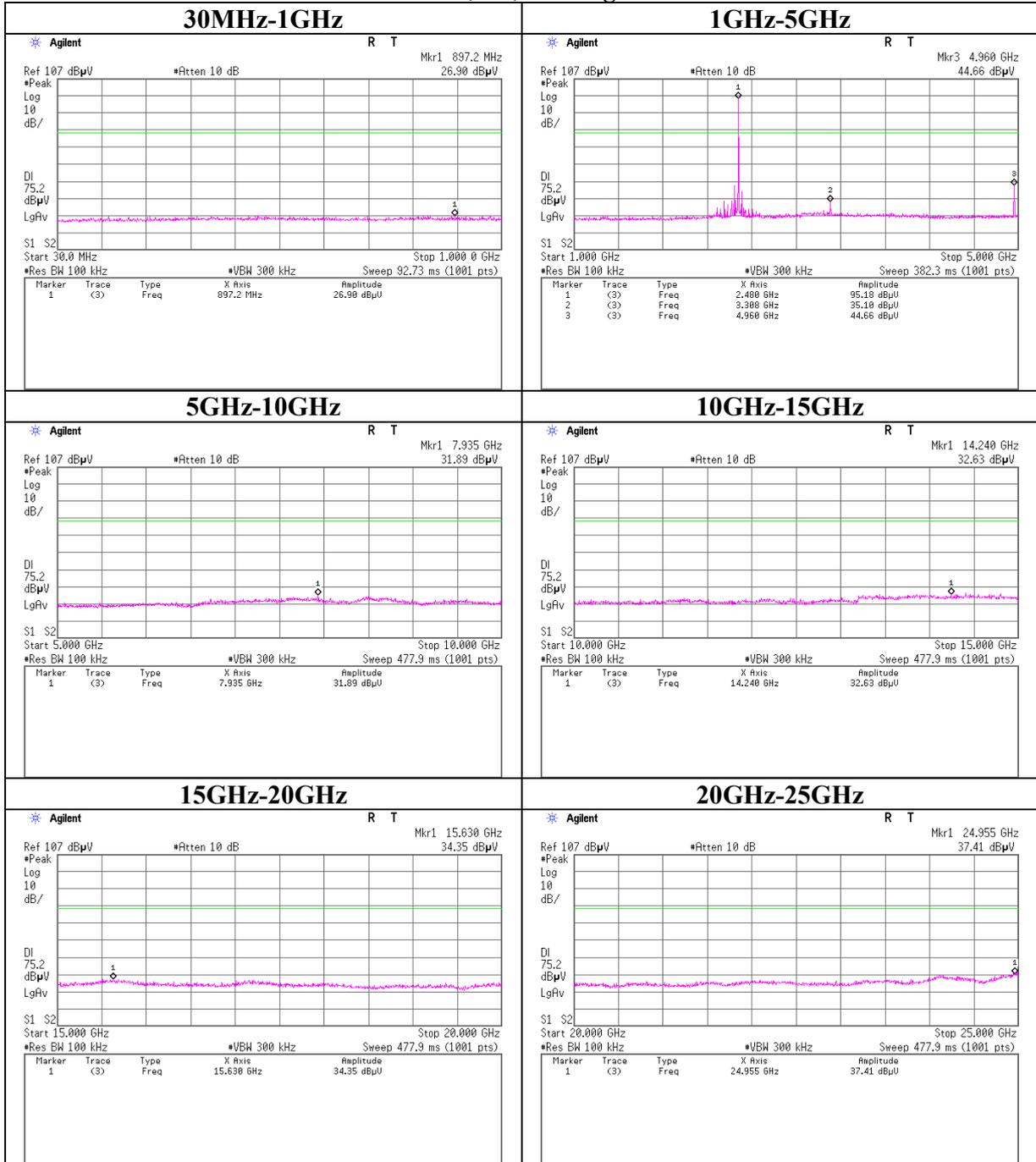
**Conducted Spurious Emission**  
**BDR, Tx, Ch: Low**



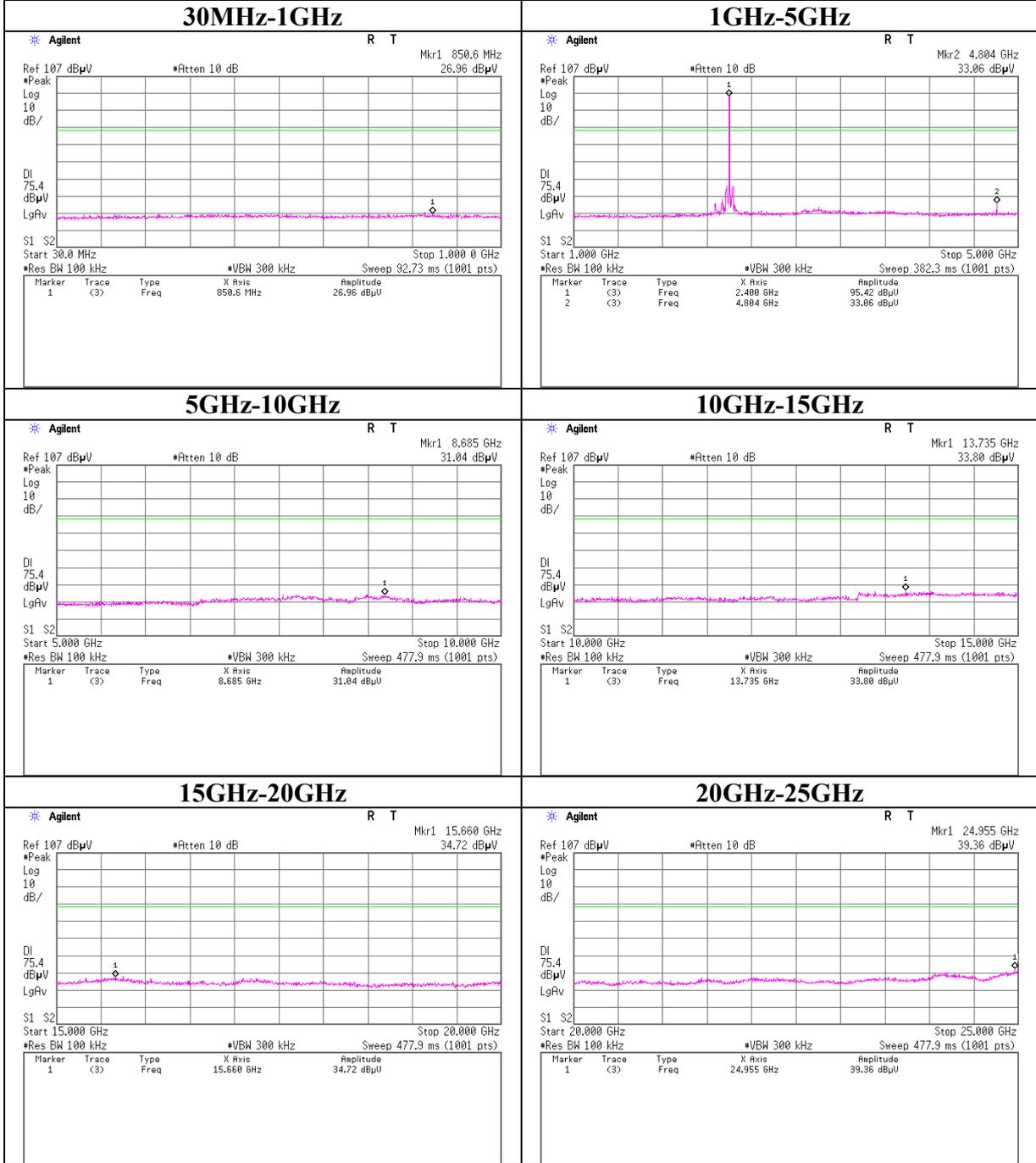
**Conducted Spurious Emission**  
**BDR, Tx, Ch: Mid**



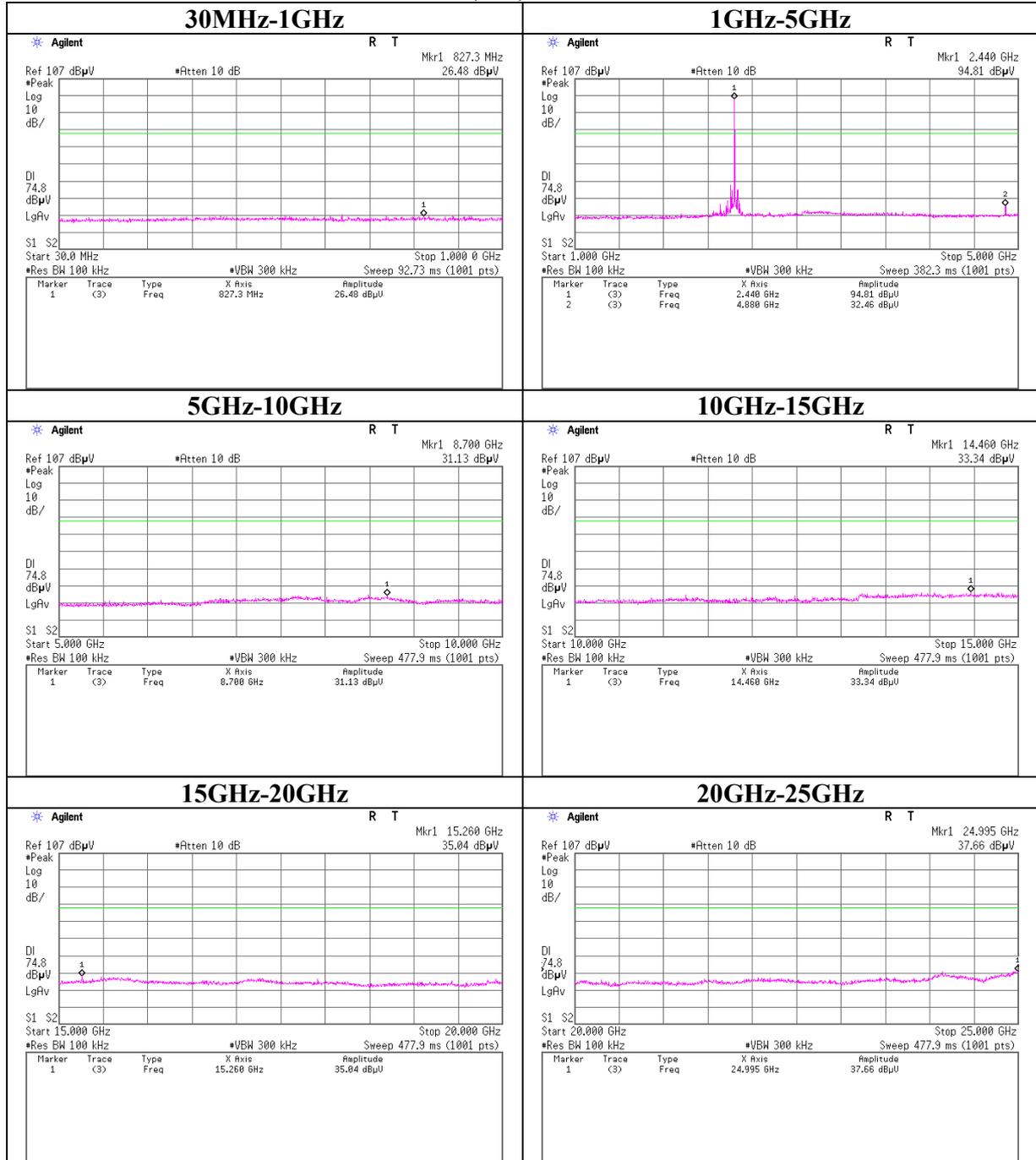
**Conducted Spurious Emission**  
**BDR, Tx, Ch: High**



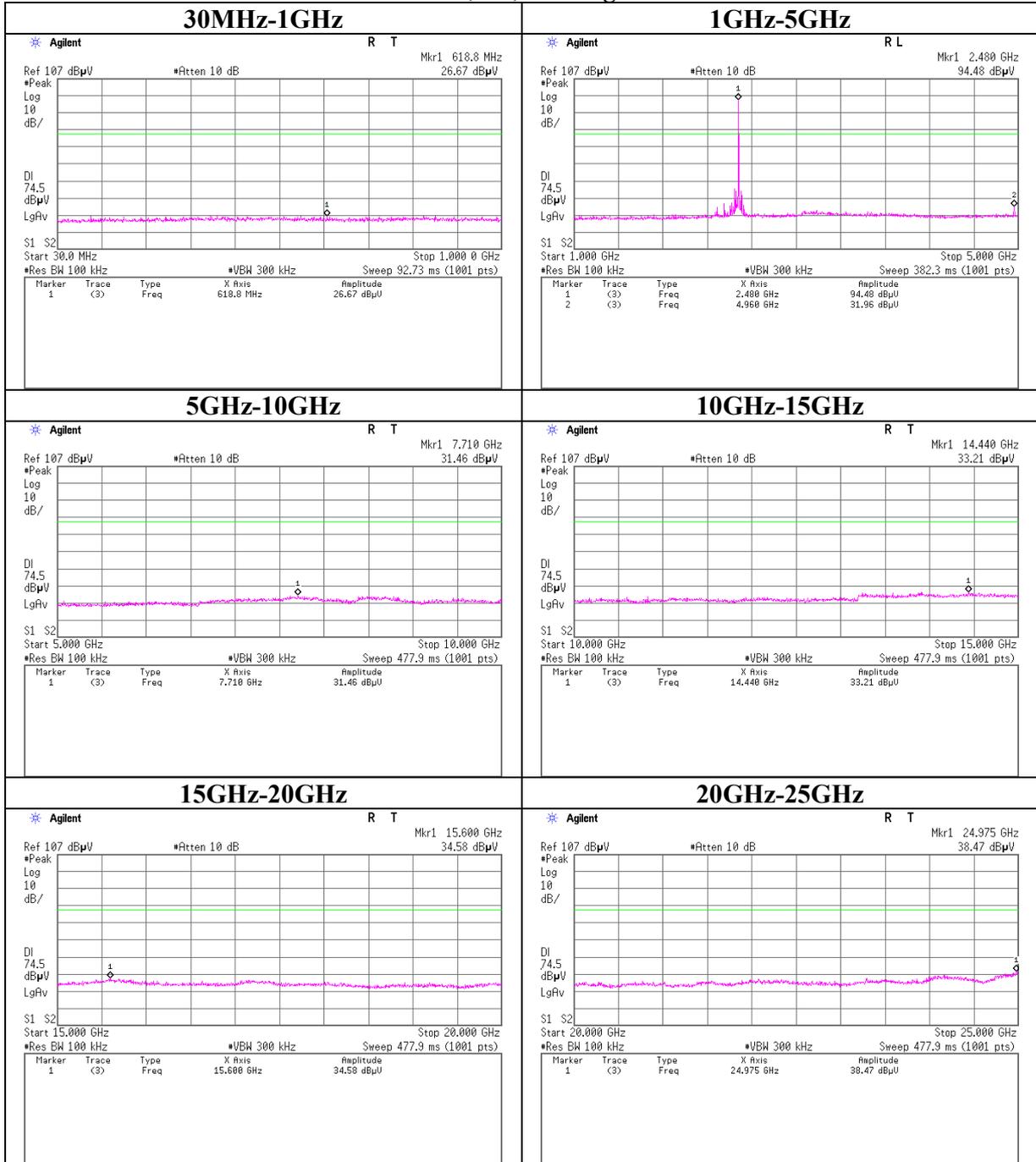
**Conducted Spurious Emission**  
**EDR, Tx, Ch: Low**



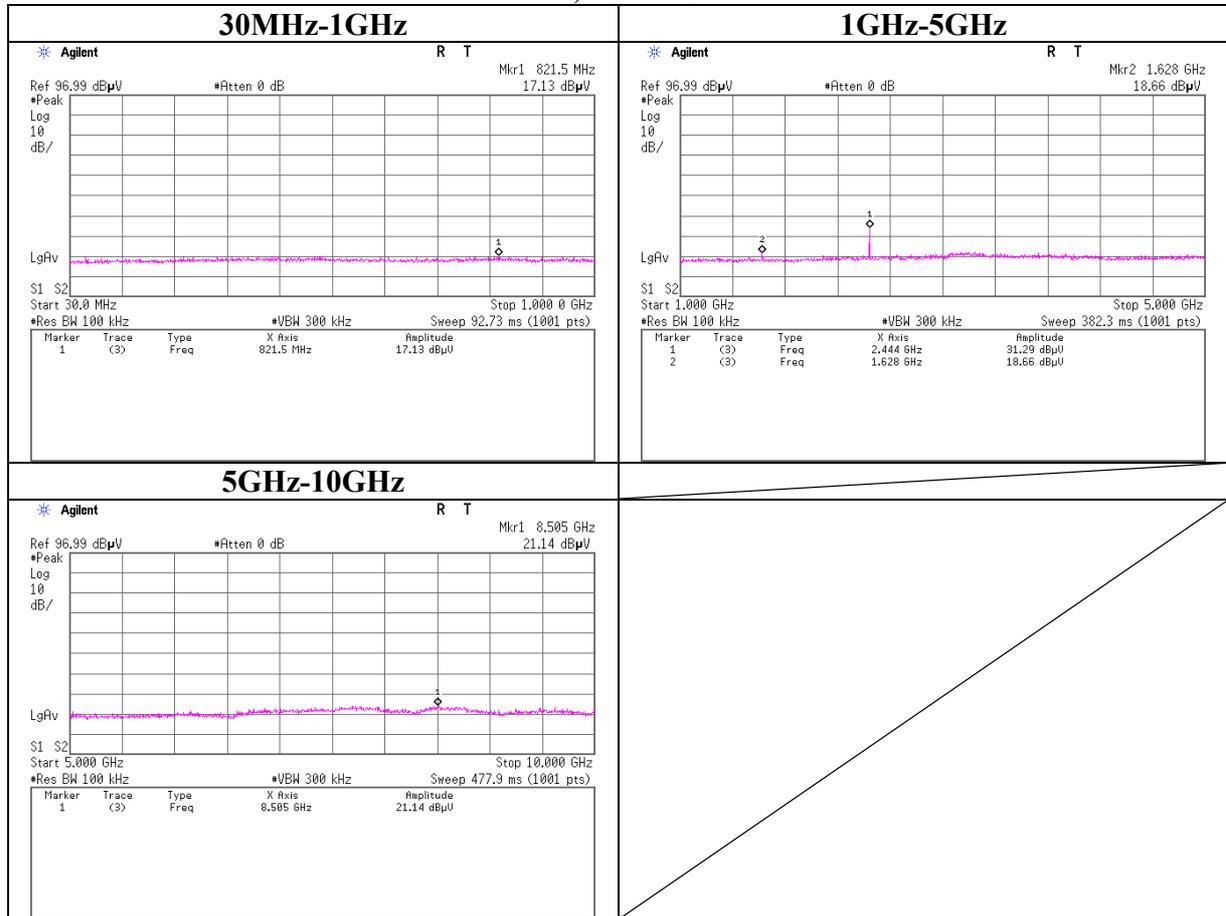
**Conducted Spurious Emission**  
**EDR, Tx, Ch: Mid**



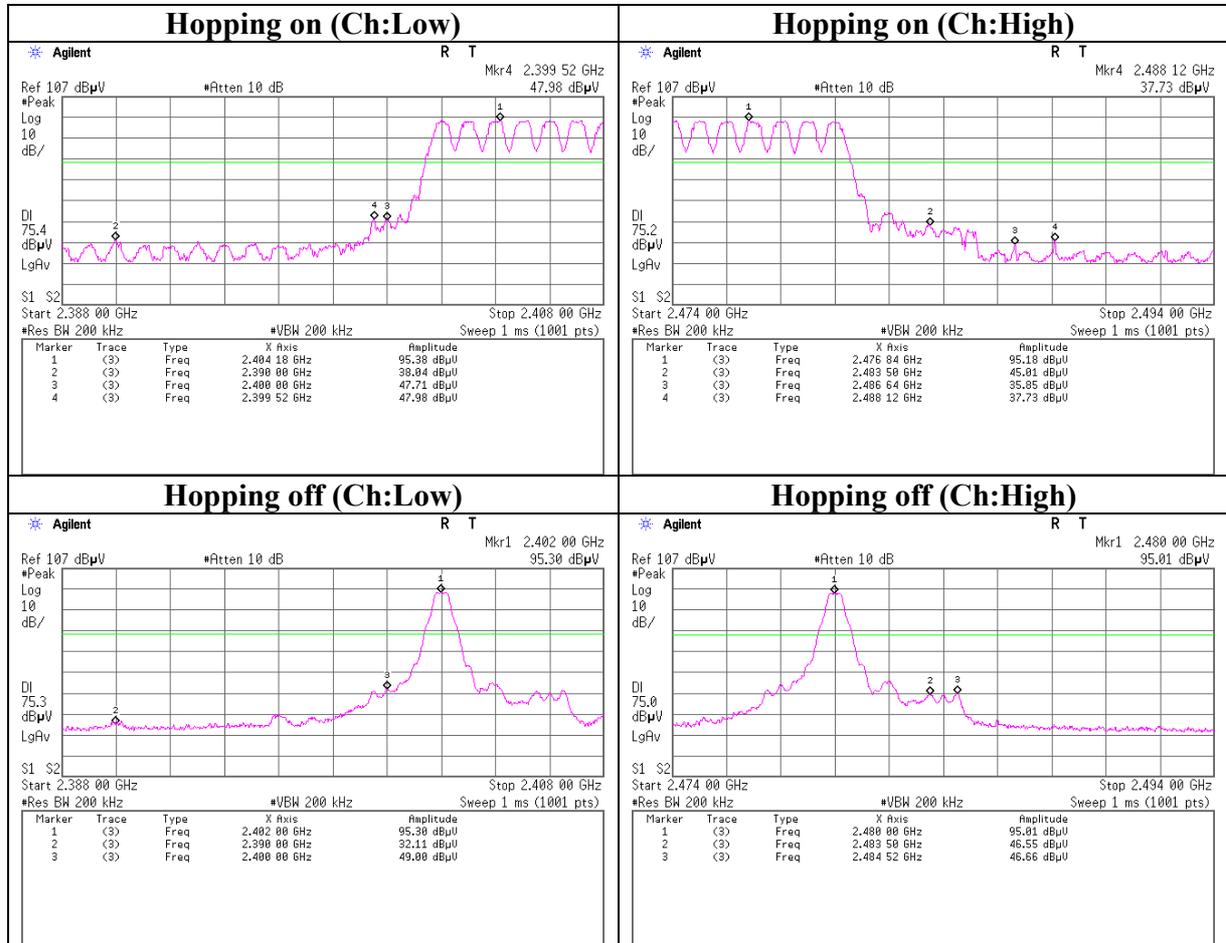
**Conducted Spurious Emission**  
**EDR, Tx, Ch: High**



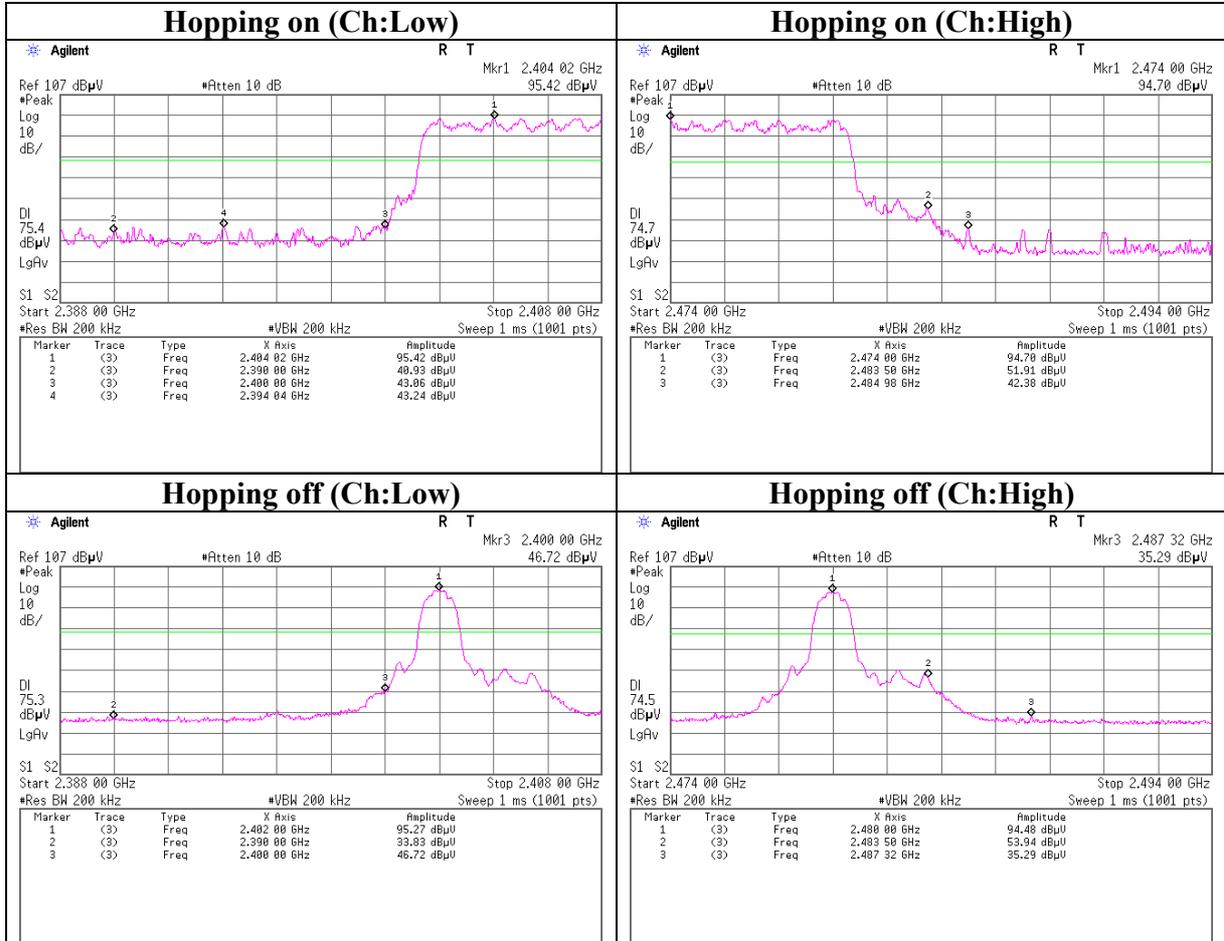
**Conducted Spurious Emission**  
**Rx, Ch: Mid**



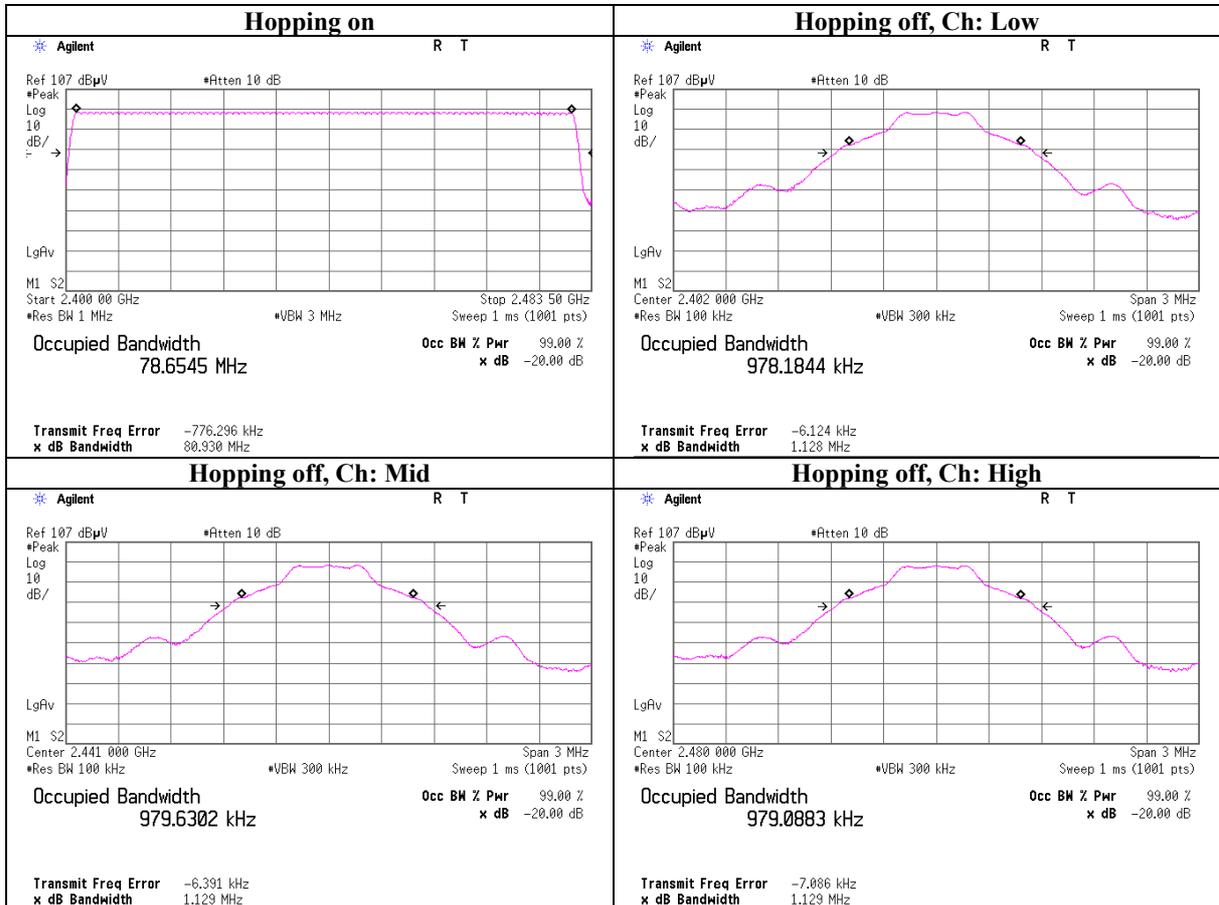
**Conducted Spurious Emission**  
**Band Edge compliance**  
**BDR**



**Conducted Spurious Emission**  
**Band Edge compliance**  
**EDR**

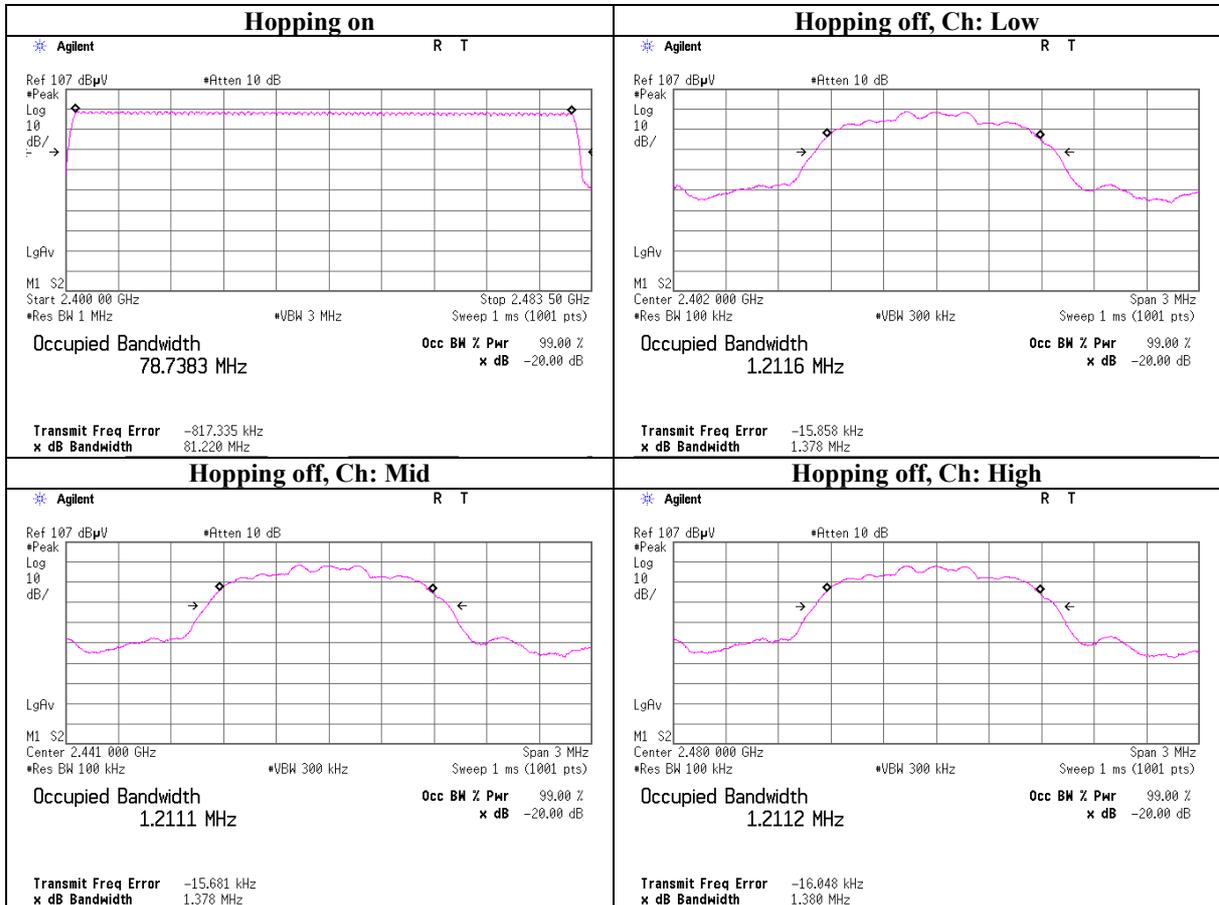


**99% Occupied Bandwidth**  
**BDR**



\*Refer to 20dB Bandwidth for 99% Occupied Bandwidth, inquiry mode

**99% Occupied Bandwidth**  
**EDR**



\*Refer to 20dB Bandwidth for 99% Occupied Bandwidth, inquiry mode

### APPENDIX 3:Test instruments

#### EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2008/04/17 * 12
MOS-22	Thermo-Hygrometer	Custom	CTH-201	RE / AT	2007/12/27 * 12
MJM-05	Measure	PROMART	SEN1955	RE	-
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE / CE	-
MRENT-62	Spectrum Analyzer	Agilent	E4448A	RE	2007/11/27 * 12
MHA-06	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2008/01/19 * 12
MHA-02	Horn Antenna	EMCO	3160-09	RE	2008/01/19 * 12
MCC-47	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2008/05/12 * 12
MPA-10	Pre Amplifier	Agilent	8449B	RE	2007/09/27 * 12
MHF-18	High Pass Filter 3.5-18.0GHz	TOKIMEC	TF323DCA	RE	2007/12/10 * 12
MCC-77	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2007/12/26 * 12
MTR-03	Test Receiver	Rohde & Schwarz	ESCI	RE	2008/04/02 * 12
MBA-02	Biconical Antenna	Schwarzbeck	BBA9106	RE	2007/10/21 * 12
MLA-02	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2007/10/21 * 12
MCC-12	Coaxial Cable	Fujikura/Agilent	-	RE	2008/02/15 * 12
MAT-07	Attenuator(6dB)	Weinschel Corp	2	RE	2007/11/13 * 12
MPA-09	Pre Amplifier	Agilent	8447D	RE	2007/09/13 * 12
MAEC-04	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	CE	2008/03/27 * 12
MOS-15	Thermo-Hygrometer	Custom	CTH-180	CE	2008/01/10 * 12
MJM-07	Measure	PROMART	SEN1955	CE	-
MSA-05	Spectrum Analyzer	Advantest	R3273	CE	2008/06/25 * 12
MTR-07	Test Receiver	Rohde & Schwarz	ESCI	CE	2007/09/14 * 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-50	Coaxial cable	UL Japan	-	CE	2008/03/17 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	AT	2008/06/26 * 12
MCC-67	Microwave Cable 1G-40GHz	Schner	SUCOFLEX102	AT	2008/04/04 * 12
MAT-22	Attenuator(10dB) DC-18GHz	Orient Microwave	BX10-0476-00	AT	2008/03/04 * 12
MOS-04	Digital Humidity Indicator	N.T	NT-1800	AT	2007/11/12 * 12
MAT-24	Attenuator(10dB)(above 1GHz)	Agilent	8493C	AT	2007/06/28 * 12
MPM-09	Power Meter	Anritsu	ML2495A	AT	2007/09/22 * 12
MPSE-12	Power sensor	Anritsu	MA2411B	AT	2007/09/22 * 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