

APPENDIX 2: Data of EMI test

**Conducted Emission
DH5, Tx, Ch: Low**

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/03/20

Company	: Sony Computer Entertainment Inc.	Report No.	: 29HE0053-HO-01
Kind of EUT	: Handheld Entertainment System	Power	: AC 120V / 60Hz
Model No.	: PSP-N1001	Temp./Humi.	: 22deg. C. /57%
Serial No.	: 0000610	Engineer	: Takayuki Shimada

Mode / Remarks : BT Tx, DH5, 2402MHz

LIMIT : FCC15.207 QP
FCC15.207 AV

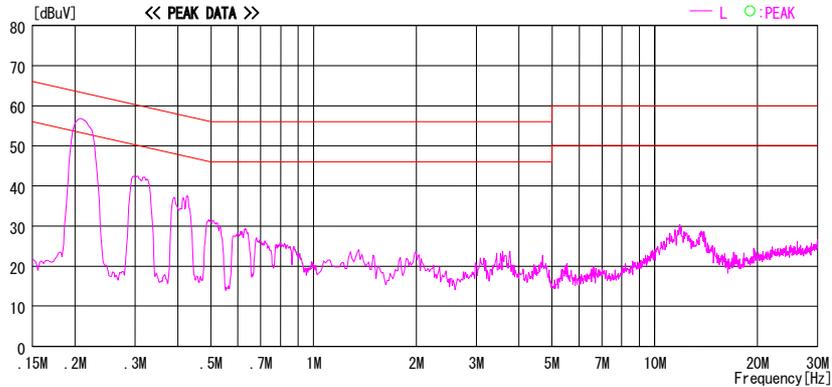
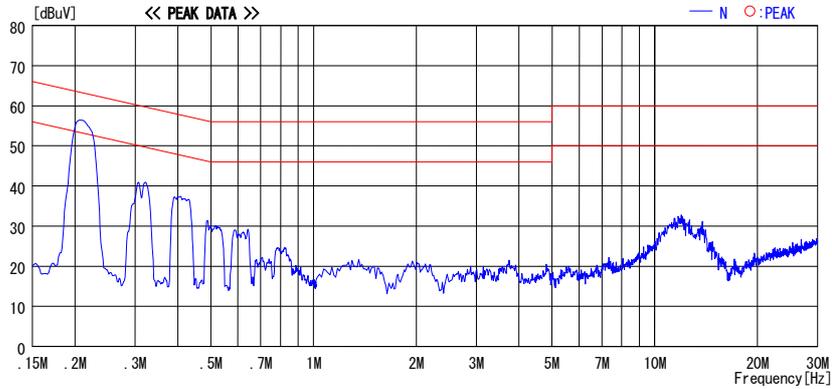


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C. F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
DH5, Tx, Ch: Mid

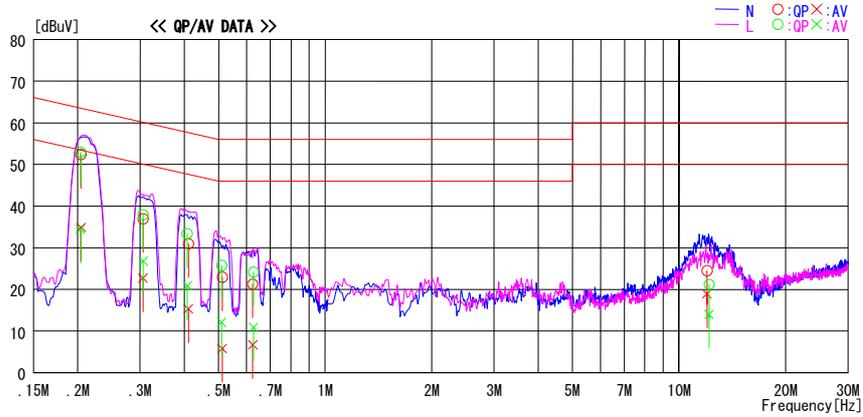
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2009/03/20

Company : Sony Computer Entertainment Inc. Report No. : 29HE0053-HO-01
 Kind of EUT : Handheld Entertainment System Power : AC 120V / 60Hz
 Model No. : PSP-N1001 Temp./Humi. : 22deg. C. /57%
 Serial No. : 0000610 Engineer : Takayuki Shimada

Mode / Remarks : BT Tx, DH5, 2441MHz

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]		
0.20435	52.1	34.6	0.3	52.4	34.9	63.4	53.4	11.0	18.5	N	
0.30565	36.6	22.4	0.3	36.9	22.7	60.1	50.1	23.2	27.4	N	
0.41065	30.7	15.0	0.3	31.0	15.3	57.6	47.6	26.6	32.3	N	
0.51211	22.7	5.5	0.3	23.0	5.8	56.0	46.0	33.0	40.2	N	
0.62415	20.9	6.3	0.4	21.3	6.7	56.0	46.0	34.7	39.3	N	
11.99525	23.0	17.4	1.5	24.5	18.9	60.0	50.0	35.5	31.1	N	
0.20375	52.6	34.1	0.3	52.9	34.4	63.5	53.5	10.6	19.1	L	
0.30598	37.6	26.5	0.3	37.9	26.8	60.1	50.1	22.2	23.3	L	
0.40785	33.1	20.5	0.3	33.4	20.8	57.7	47.7	24.3	26.9	L	
0.51025	25.5	11.8	0.3	25.8	12.1	56.0	46.0	30.2	33.9	L	
0.62735	23.8	10.5	0.4	24.2	10.9	56.0	46.0	31.8	35.1	L	
12.15525	19.7	12.5	1.5	21.2	14.0	60.0	50.0	38.8	36.0	L	

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

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

Conducted Emission
DH5, Tx, Ch: High

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2009/03/20

Company	: Sony Computer Entertainment Inc.	Report No.	: 29HE0053-HO-01
Kind of EUT	: Handheld Entertainment System	Power	: AC 120V / 60Hz
Model No.	: PSP-N1001	Temp./Humi.	: 22deg. C. /57%
Serial No.	: 0000610	Engineer	: Takayuki Shimada

Mode / Remarks : BT Tx, DH5, 2480MHz

LIMIT : FCC15.207 QP
FCC15.207 AV

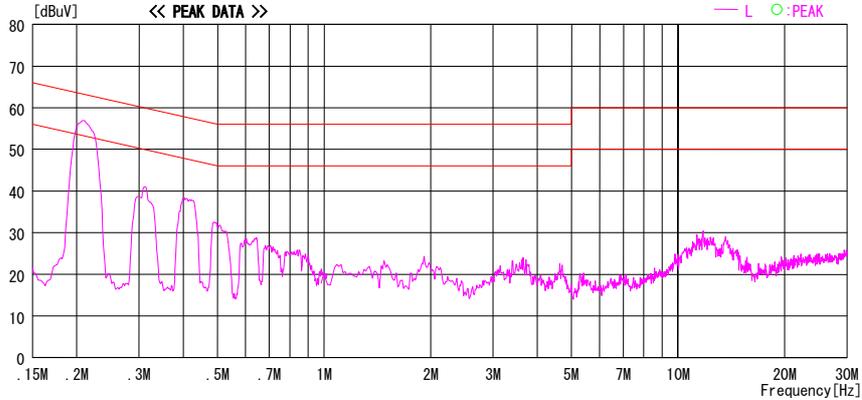
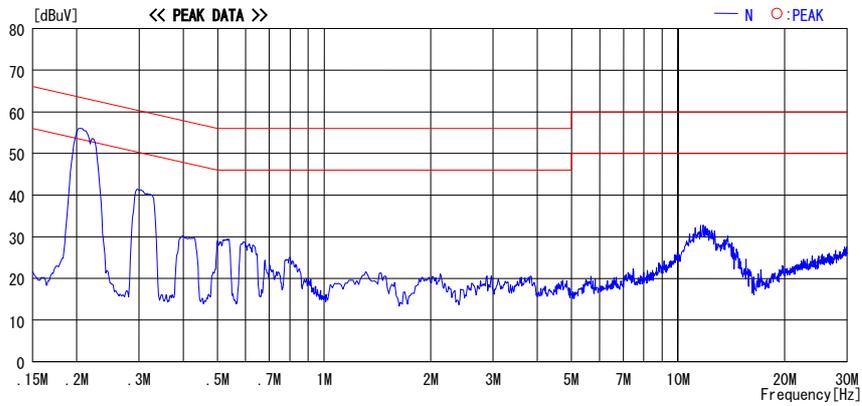


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[db] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
3DH5, Tx, Ch: Low

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2009/03/20

Company	: Sony Computer Entertainment Inc.	Report No.	: 29HE0053-HO-01
Kind of EUT	: Handheld Entertainment System	Power	: AC 120V / 60Hz
Model No.	: PSP-N1001	Temp./Humi.	: 22deg. C. /57%
Serial No.	: 0000610	Engineer	: Takayuki Shimada

Mode / Remarks : BT Tx, 3DH5, 2402MHz

LIMIT : FCC15.207 QP
FCC15.207 AV

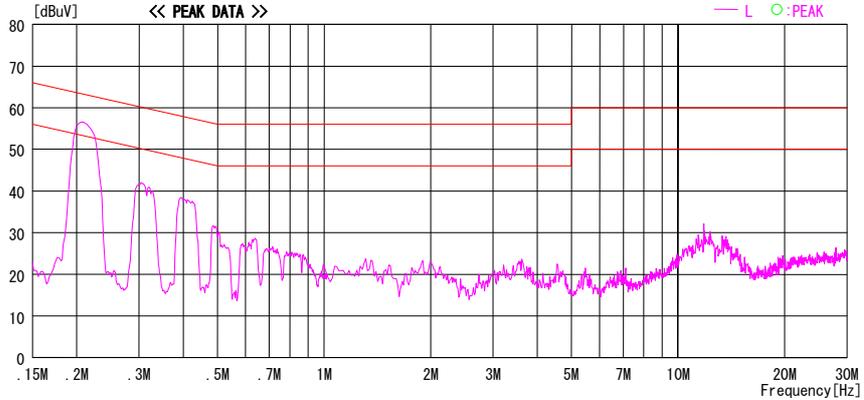
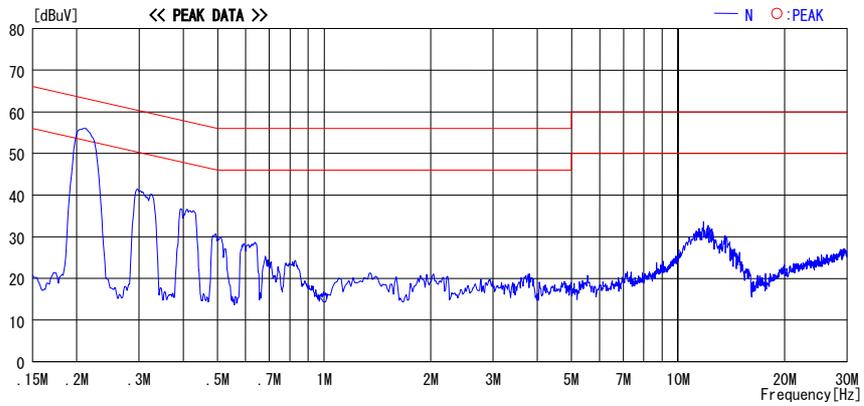


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
3DH5, Tx, Ch: Mid

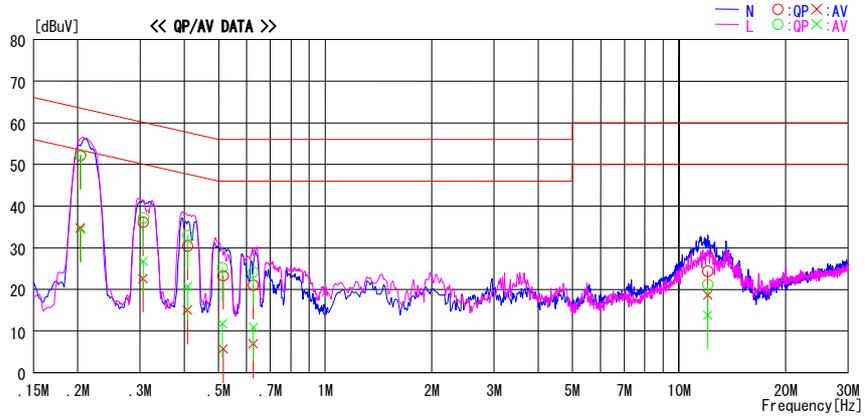
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2009/03/20

Company : Sony Computer Entertainment Inc. Report No. : 29HE0053-HO-01
 Kind of EUT : Handheld Entertainment System Power : AC 120V / 60Hz
 Model No. : PSP-N1001 Temp./Humi. : 22deg. C. /57%
 Serial No. : 0000610 Engineer : Takayuki Shimada

Mode / Remarks : BT Tx, 3DH5, 2441MHz

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]		
0.20354	51.8	34.5	0.3	52.1	34.8	63.5	53.5	11.4	18.7	N	
0.30575	35.8	22.3	0.3	36.1	22.6	60.1	50.1	24.0	27.5	N	
0.40815	30.1	14.7	0.3	30.4	15.0	57.7	47.7	27.3	32.7	N	
0.51525	23.0	5.4	0.3	23.3	5.7	56.0	46.0	32.7	40.3	N	
0.62645	20.6	6.5	0.4	21.0	6.9	56.0	46.0	35.0	39.1	N	
12.05525	22.8	17.1	1.5	24.3	18.6	60.0	50.0	35.7	31.4	N	
0.20397	52.0	34.1	0.3	52.3	34.4	63.4	53.4	11.1	19.0	L	
0.30624	36.9	26.4	0.3	37.2	26.7	60.1	50.1	22.9	23.4	L	
0.40915	32.7	20.4	0.3	33.0	20.7	57.7	47.7	24.7	27.0	L	
0.51282	24.9	11.5	0.3	25.2	11.8	56.0	46.0	30.8	34.2	L	
0.62685	23.8	10.5	0.4	24.2	10.9	56.0	46.0	31.8	35.1	L	
12.05525	19.7	12.3	1.5	21.2	13.8	60.0	50.0	38.8	36.2	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 rounded off to one or two decimal places, so some differences might be observed.

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Head Office EMC Lab.
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 Facsimile : +81 596 24 8124

Conducted Emission
3DH5, Tx, Ch: High

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2009/03/20

Company	: Sony Computer Entertainment Inc.	Report No.	: 29HE0053-HO-01
Kind of EUT	: Handheld Entertainment System	Power	: AC 120V / 60Hz
Model No.	: PSP-N1001	Temp./Humi.	: 22deg. C. /57%
Serial No.	: 0000610	Engineer	: Takayuki Shimada

Mode / Remarks : BT Tx, 3DH5, 2480MHz

LIMIT : FCC15.207 QP
FCC15.207 AV

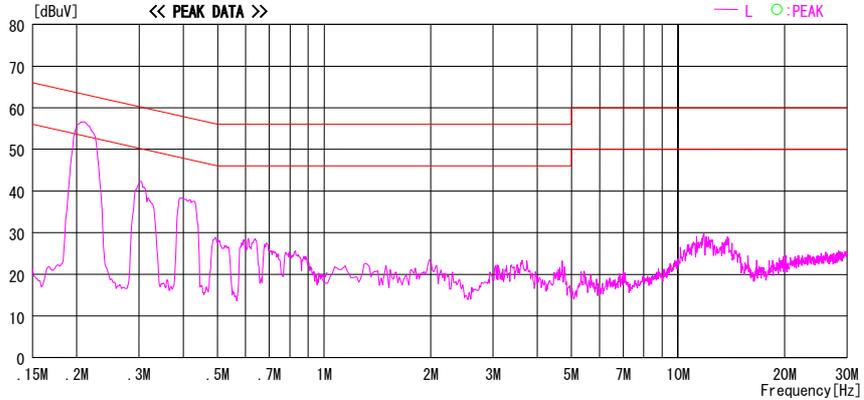
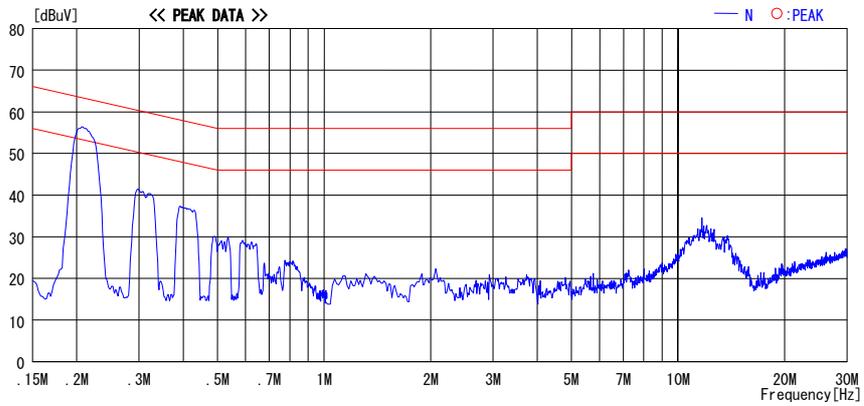


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission

Rx, Ch: Mid

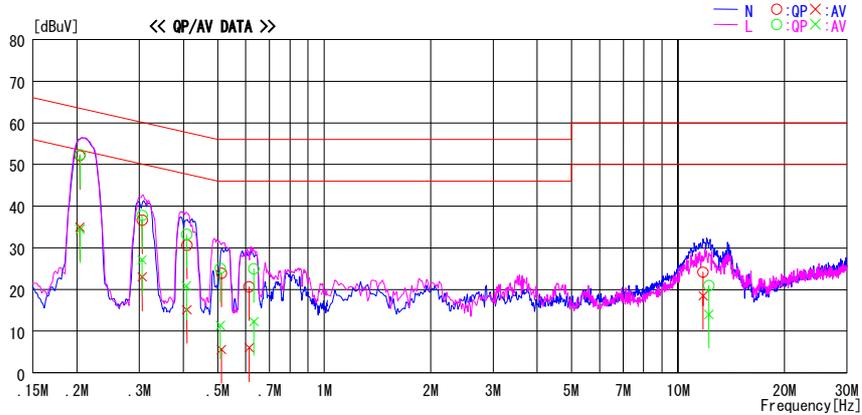
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/03/20

Company : Sony Computer Entertainment Inc.	Report No. : 29HE0053-HO-01
Kind of EUT : Handheld Entertainment System	Power : AC 120V / 60Hz
Model No. : PSP-N1001	Temp./Humi. : 22deg. C. /57%
Serial No. : 0000610	Engineer : Takayuki Shimada

Mode / Remarks : BT Rx, 2441MHz

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]		
0.20398	51.8	34.7	0.3	52.1	35.0	63.4	53.4	11.3	18.4	N	
0.30615	36.4	22.7	0.3	36.7	23.0	60.1	50.1	23.4	27.1	N	
0.40918	30.3	14.9	0.3	30.6	15.2	57.7	47.7	27.1	32.5	N	
0.51250	23.6	5.3	0.3	23.9	5.6	56.0	46.0	32.1	40.4	N	
0.61345	20.2	5.6	0.4	20.6	6.0	56.0	46.0	35.4	40.0	N	
11.77234	22.7	17.0	1.5	24.2	18.5	60.0	50.0	35.8	31.5	N	
0.20435	52.1	34.2	0.3	52.4	34.5	63.4	53.4	11.0	18.9	L	
0.30585	37.5	26.8	0.3	37.8	27.1	60.1	50.1	22.3	23.0	L	
0.40834	32.9	20.5	0.3	33.2	20.8	57.7	47.7	24.5	26.9	L	
0.50863	24.8	11.1	0.3	25.1	11.4	56.0	46.0	30.9	34.6	L	
0.63255	24.6	11.9	0.4	25.0	12.3	56.0	46.0	31.0	33.7	L	
12.22234	19.4	12.5	1.5	20.9	14.0	60.0	50.0	39.1	36.0	L	

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

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

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Carrier Frequency Separation

		UL Japan, Inc.
Company	Sony Computer Entertainment Inc.	Head Office EMC Lab. No.3 measurement room
Equipment	Handheld Entertainment System	Regulation FCC15.247(a)(1) / RSS-210 A8.1(b)
Model	PSP-N1001	Test Distance -
S/N	0000689	Date 03/12/2009
Power	AC 120V / 60Hz	Temperature 21 deg.C.
Mode	Bluetooth, Tx(Hopping on), DH5, 3DH5	Humidity 33 %
	/ Inquiry	Engineer Takayuki Shimada

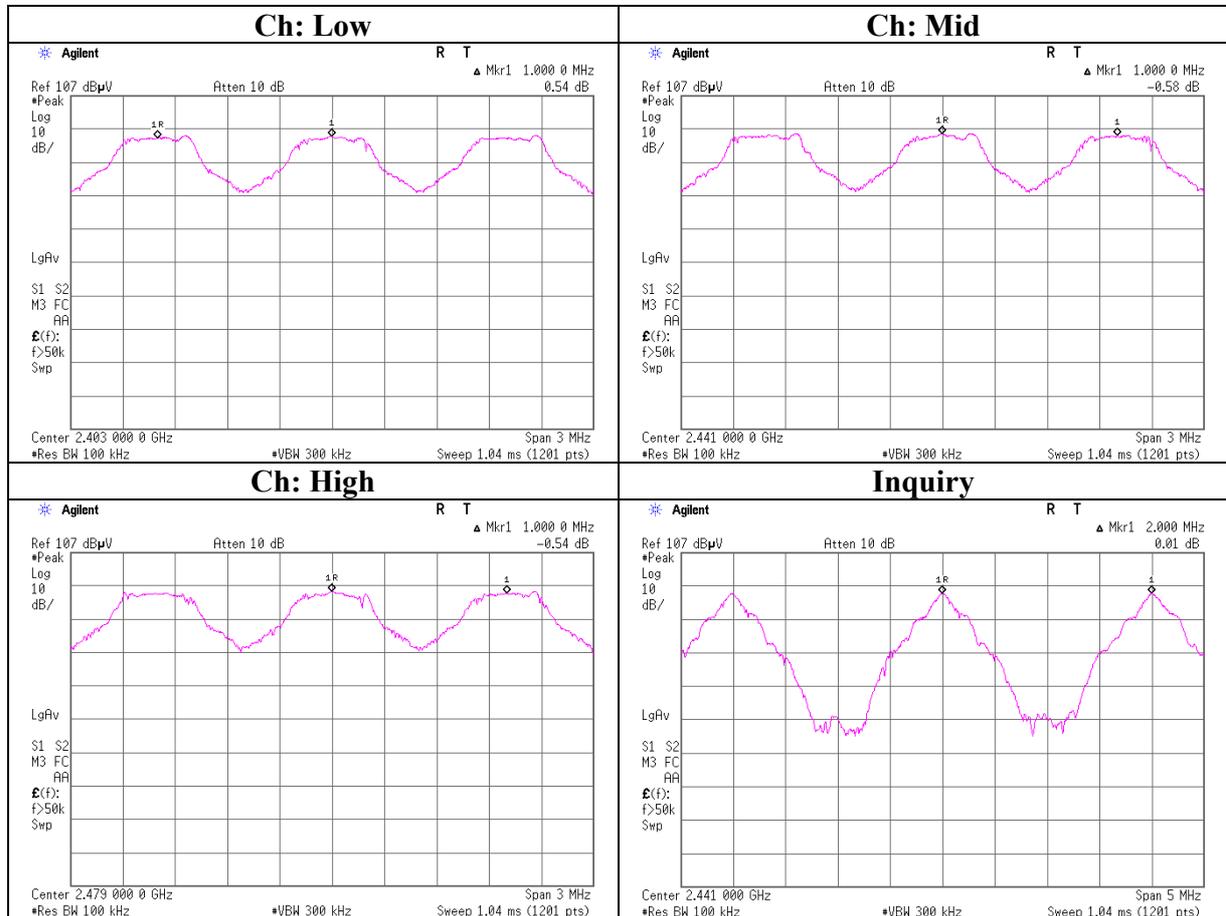
DH5 / Inquiry

Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.000	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)
Mid	2441.0	1.000	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)
High	2480.0	1.000	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)
Inquiry	2441.0	2.000	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)

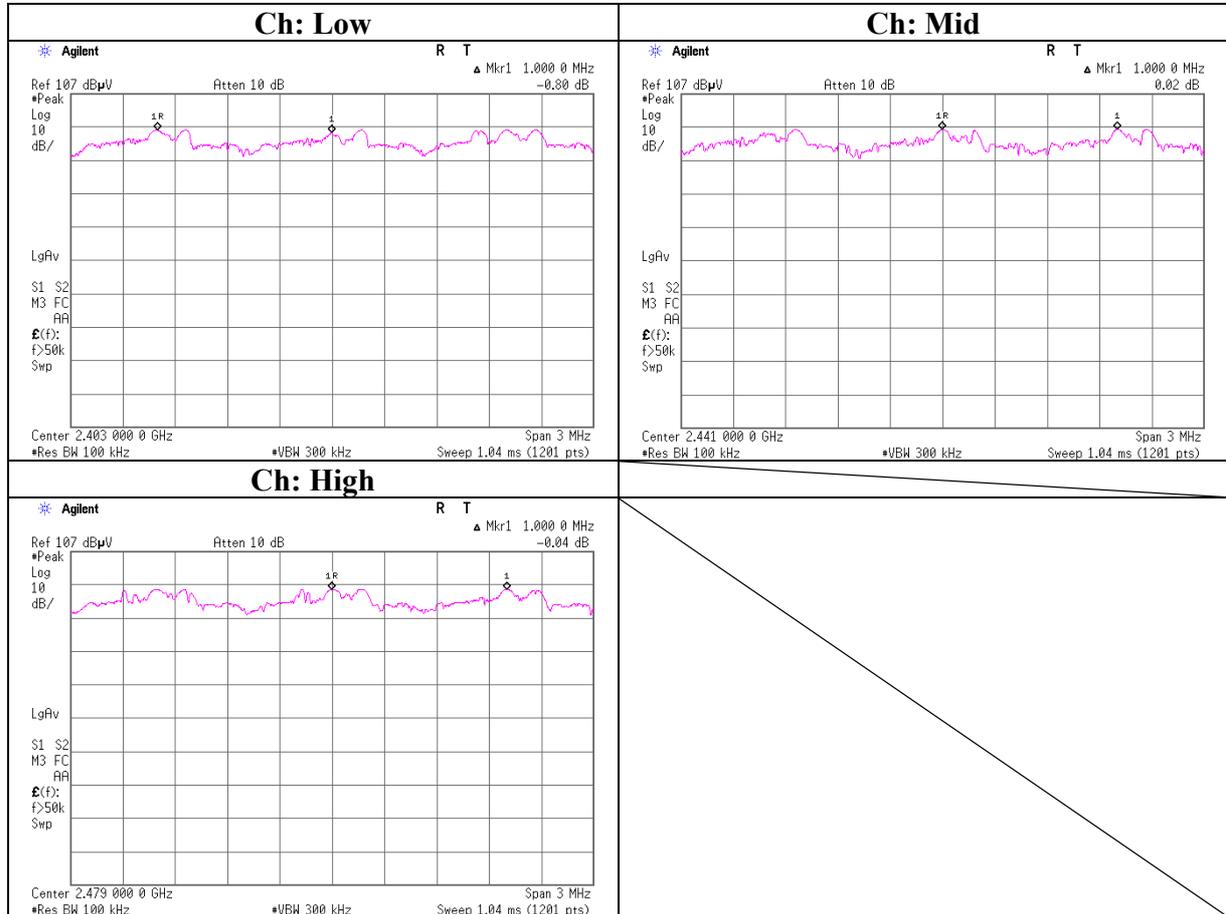
3DH5

Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.000	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)
Mid	2441.0	1.000	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)
High	2480.0	1.000	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)

Carrier Frequency Separation DH5



Carrier Frequency Separation
3DH5



20dB Bandwidth

Company Sony Computer Entertainment Inc. UL Japan, Inc.
Equipment Handheld Entertainment System Head Office EMC Lab. No.3 measurement room
Model PSP-N1001 Regulation FCC15.247(a)(1) / RSS-210 A8.1(a)
S/N 0000689 Test Distance -
Power AC 120V / 60Hz Date 03/12/2009
Mode Bluetooth, Tx(Hopping off), DH5, 3DH5 Temperature 21 deg.C.
/ Inquiry Humidity 33 %
Engineer Takayuki Shimada

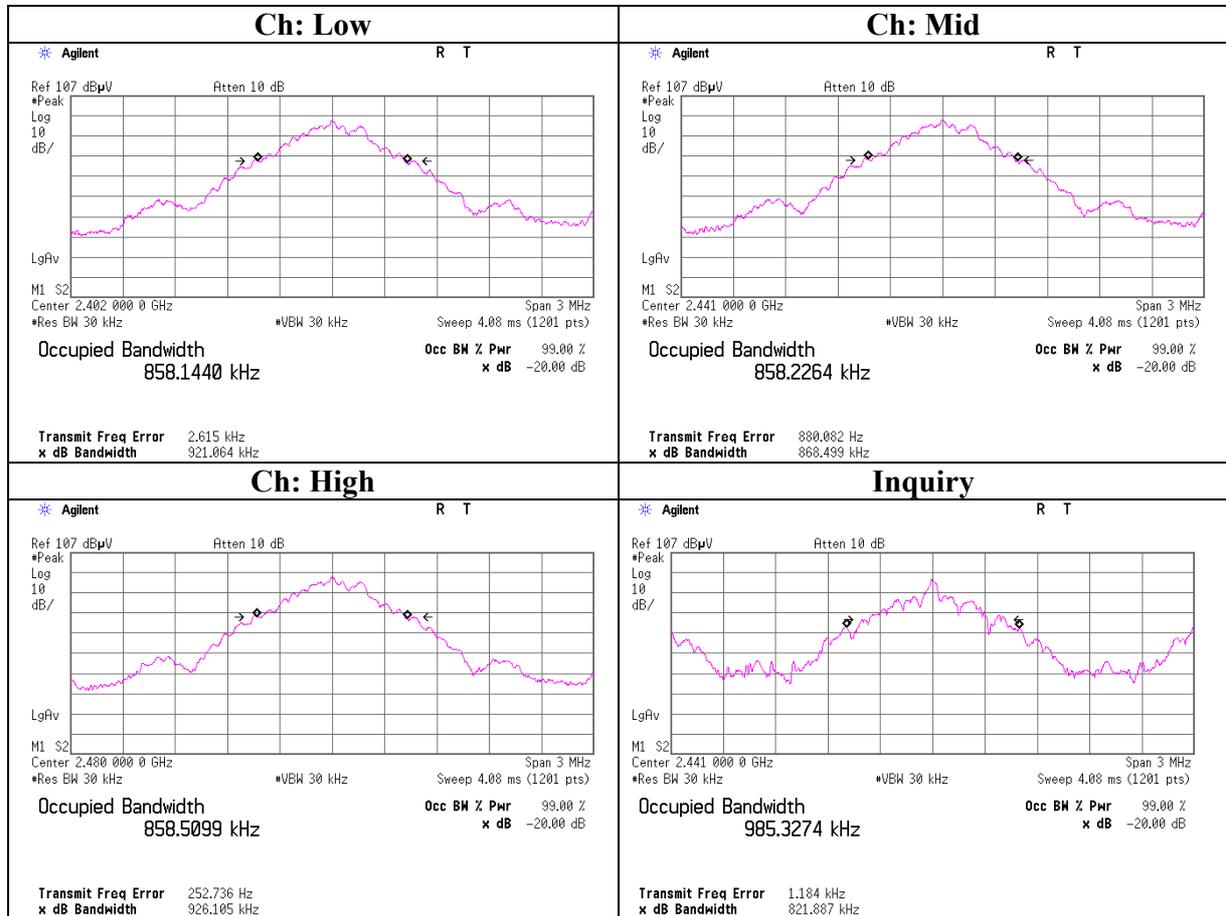
DH5 / Inquiry

Ch	Freq. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	0.921	-
Mid	2441.0	0.868	-
High	2480.0	0.926	-
Inquiry	2441.0	0.822	-

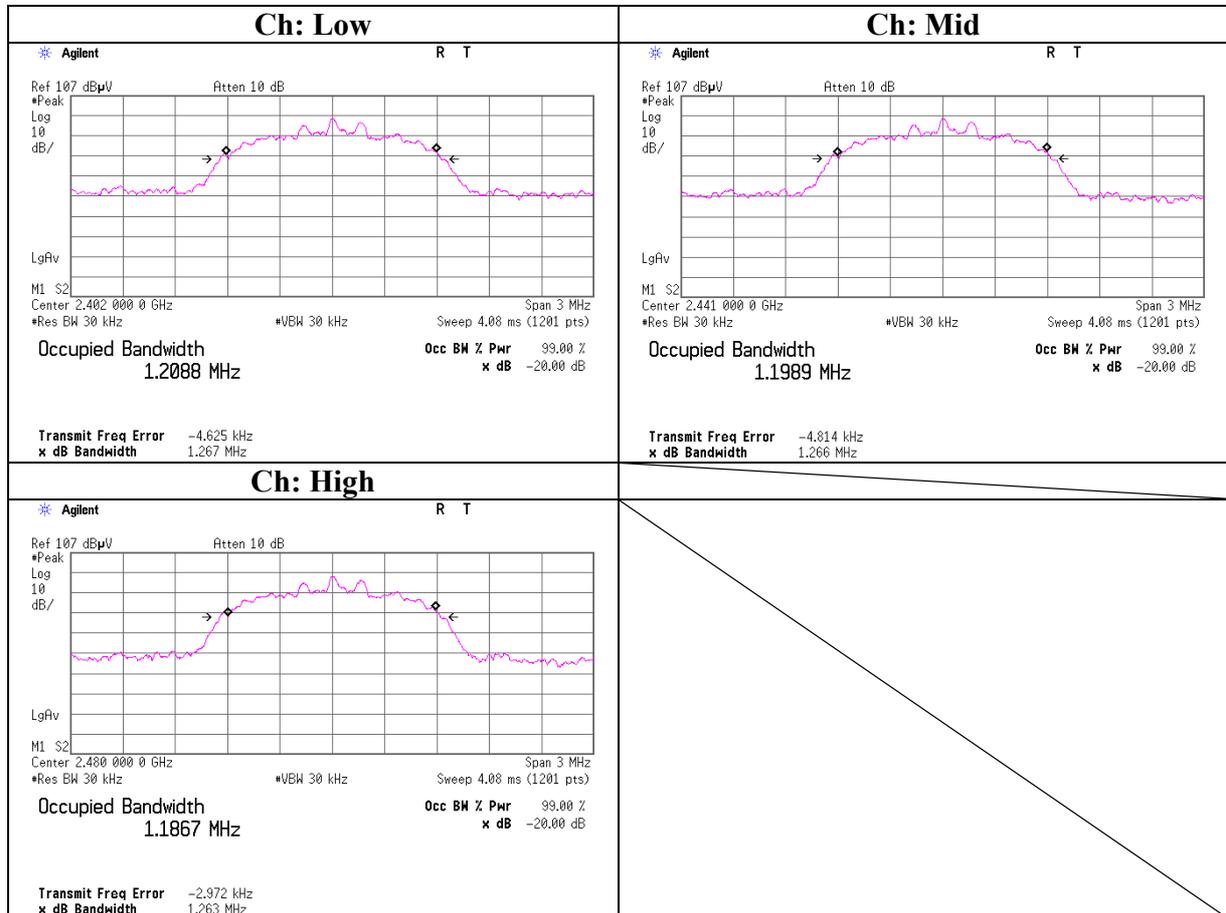
3DH5

Ch	Freq. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	1.267	-
Mid	2441.0	1.266	-
High	2480.0	1.263	-

**20dB Bandwidth
DH5**



20dB Bandwidth
3DH5



Number of Hopping Frequency

Company	Sony Computer Entertainment Inc.	UL Japan, Inc.	
Equipment	Handheld Entertainment System	Head Office EMC Lab. No.3 measurement room	
Model	PSP-N1001	Regulation	FCC15.247(a)(1)(iii) / RSS-210 A8.1(d)
S/N	0000689	Test Distance	-
Power	AC 120V / 60Hz	Date	03/12/2009
Mode	Bluetooth, Tx(Hopping on), DH5, 3DH5	Temperature	21 deg.C.
	/ Inquiry	Humidity	33 %
		Engineer	Takayuki Shimada

DH5

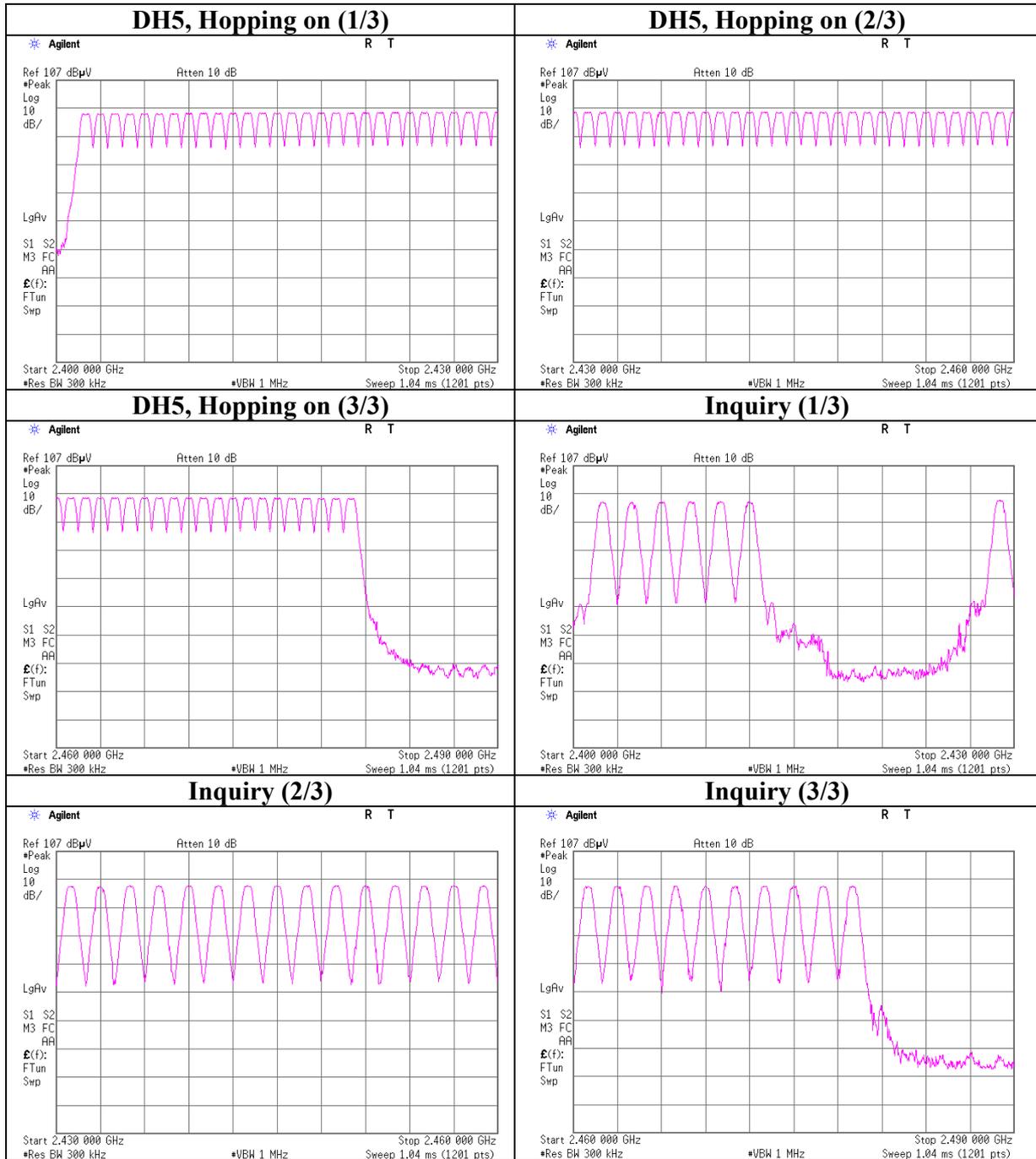
Mode	Number of channel	Limit
	[number]	[time]
Tx(Hopping on)	79	≥ 15

3DH5

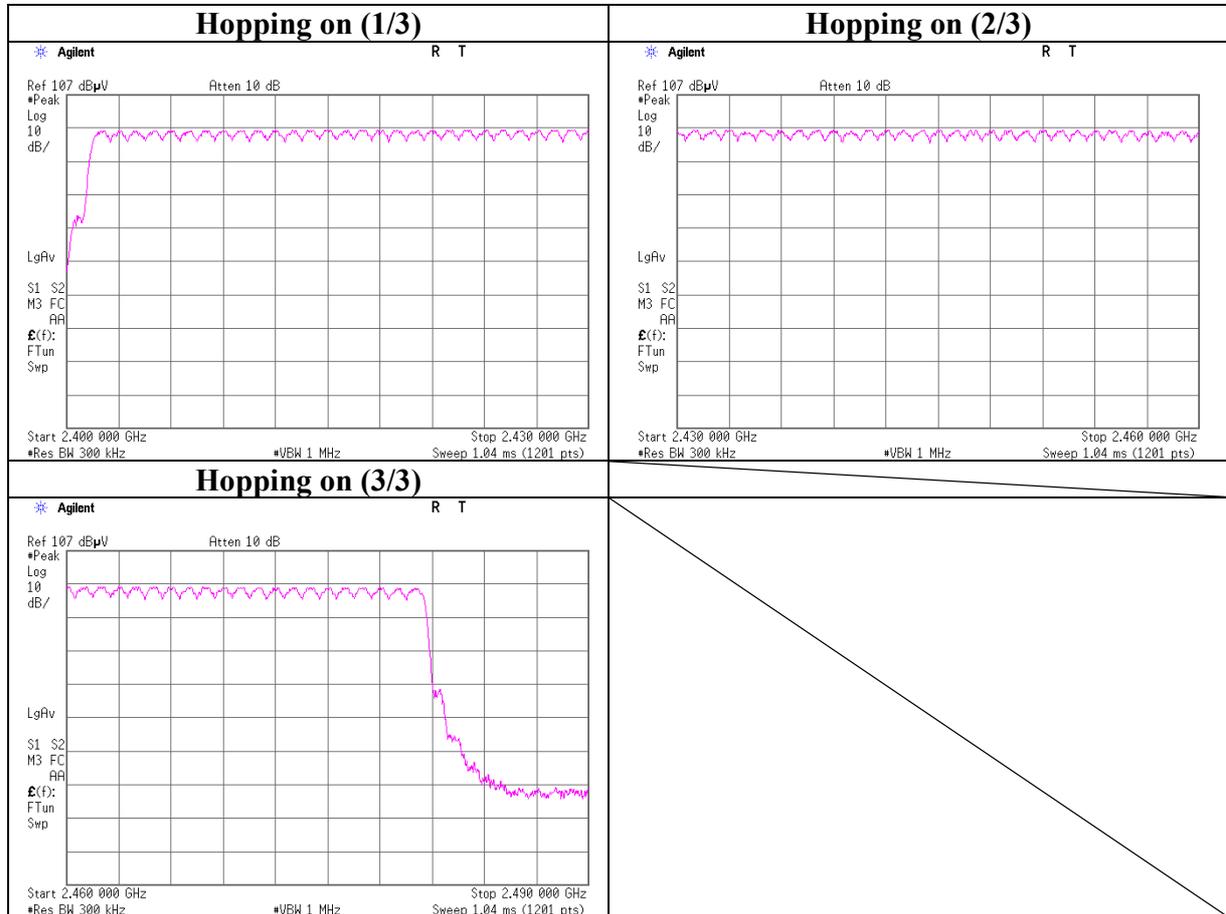
Mode	Number of channel	Limit
	[number]	[time]
Tx(Hopping on)	79	≥ 15

Mode	Number of channel	Limit
	[number]	[time]
Inquiry	32	≥ 15

Number of Hopping Frequency
DH5 / Inquiry



Number of Hopping Frequency
3DH5



Dwell time

		UL Japan, Inc.
Company	Sony Computer Entertainment Inc.	Head Office EMC Lab. No.3 measurement room
Equipment	Handheld Entertainment System	Regulation FCC Part15 Subpart C 15.247(a)(1)(iii) / RSS-210 A8.1(d)
Model	PSP-N1001	Test Distance -
S/N	0000689	Date 03/12/2009
Power	AC 120V / 60Hz	Temperature 21 deg.C.
Mode	Bluetooth, Tx(Hopping on) / Inquiry	Humidity 33 %
		Engineer Takayuki Shimada

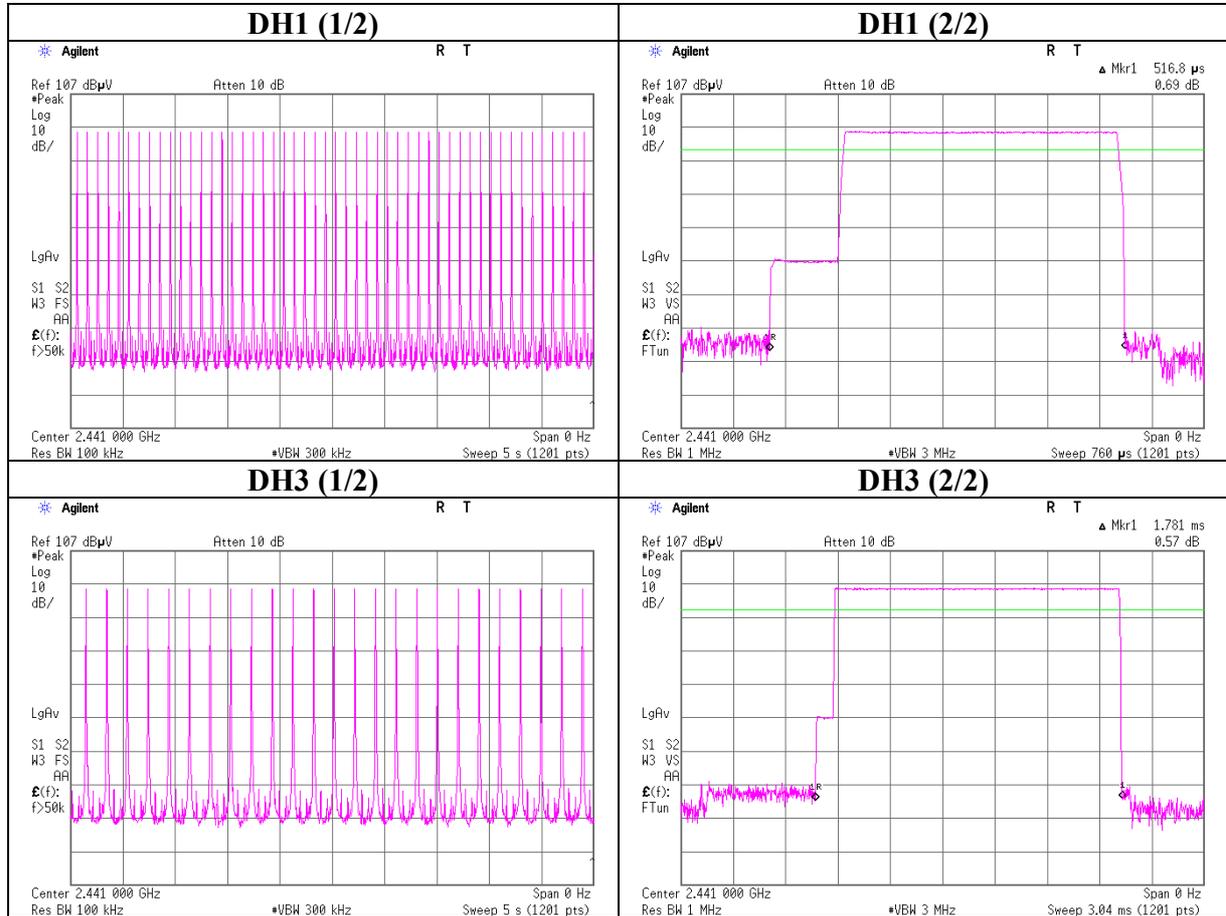
BDR / Inquiry

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	50 times / 5 sec. x 31.6 sec. = 316 times	0.517	163	400
DH3	25 times / 5 sec. x 31.6 sec. = 158 times	1.781	281	400
DH5	17 times / 5 sec. x 31.6 sec. = 108 times	3.037	328	400
Inquiry	100 times / 1 sec. x 12.8 sec. = 1280 times	0.220	282	400

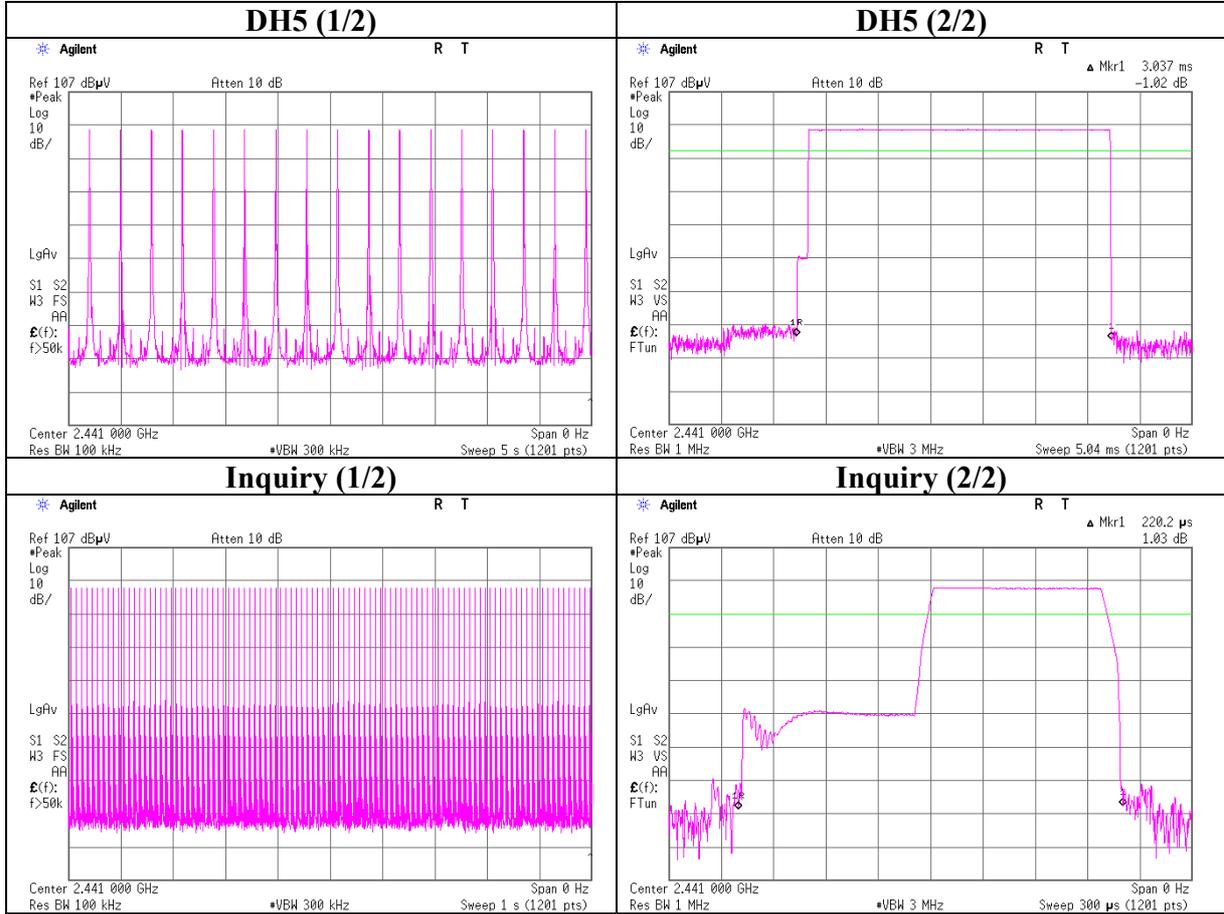
EDR

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]
3DH1	50 times / 5 sec. x 31.6 sec. = 316 times	0.534	169	400
3DH3	25 times / 5 sec. x 31.6 sec. = 158 times	1.786	282	400
3DH5	17 times / 5 sec. x 31.6 sec. = 108 times	3.041	328	400

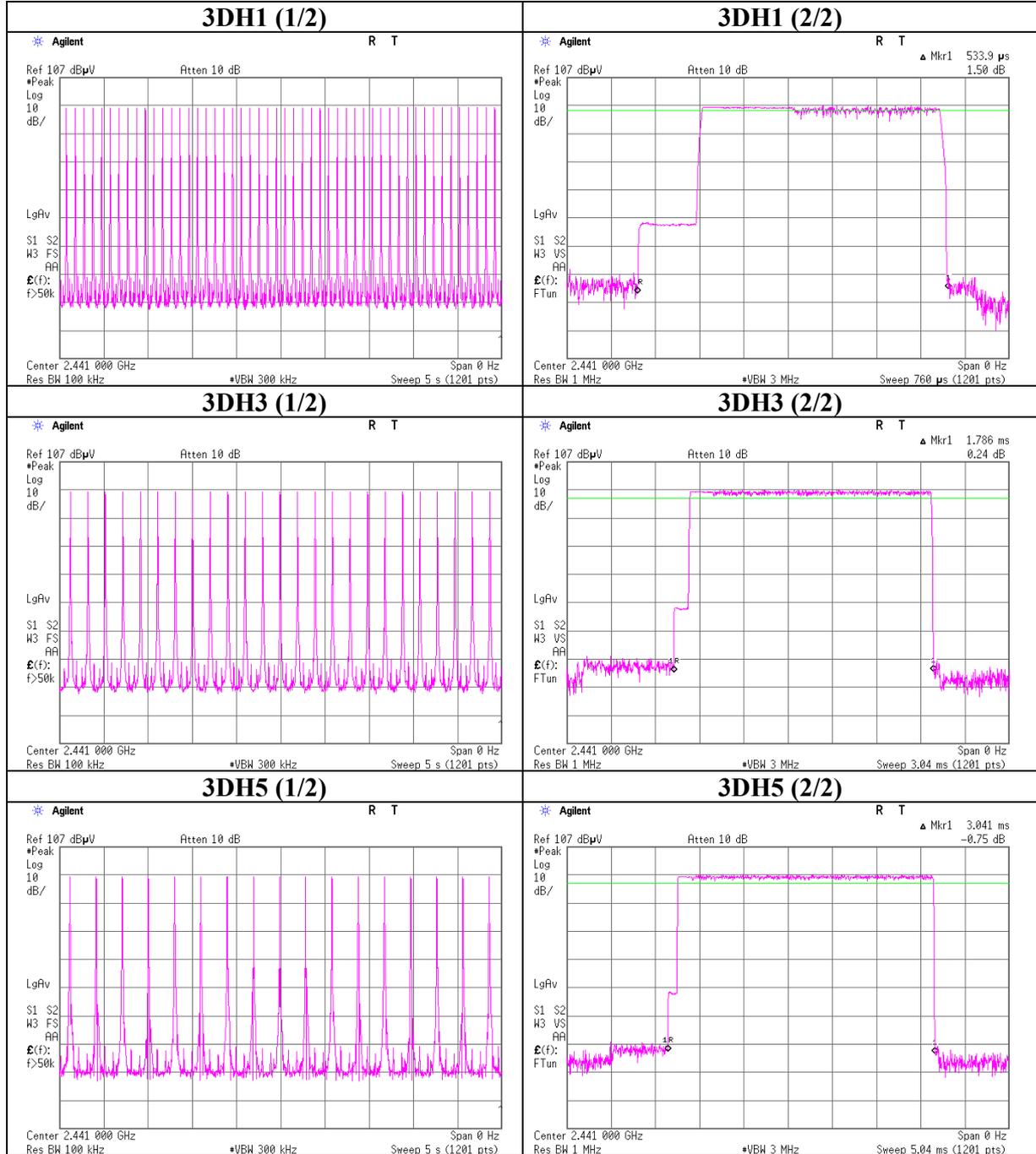
Dwell time



Dwell time



Dwell time



Maximum Peak Output Power

		UL Japan, Inc.
Company	Sony Computer Entertainment Inc.	Head Office EMC Lab. No.3 measurement room
Equipment	Handheld Entertainment System	Regulation FCC15.247(b)(1) / RSS-210 A8.4(2)
Model	PSP-N1001	Test Distance -
S/N	0000689	Date 03/12/2009
Power	AC 120V / 60Hz	Temperature 21 deg.C.
Mode	Bluetooth, Tx(Hopping off), DH5 / 2DH5 / 3DH5 / Inquiry	Humidity 33 %
		Engineer Takayuki Shimada

DH5 / Inquiry

Ch	Freq. [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2402.0	-10.03	0.50	10.09	0.56	1.14	20.96	125	20.40
Mid	2441.0	-9.75	0.50	10.09	0.84	1.21	20.96	125	20.12
High	2480.0	-9.94	0.50	10.09	0.65	1.16	20.96	125	20.31
Inquiry	2441.0	-10.54	0.50	10.09	0.05	1.01	20.96	125	20.91

2DH5

Ch	Freq. [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2402.0	-8.39	0.50	10.09	2.20	1.66	20.96	125	18.76
Mid	2441.0	-8.17	0.50	10.09	2.42	1.75	20.96	125	18.54
High	2480.0	-8.74	0.50	10.09	1.85	1.53	20.96	125	19.11

3DH5

Ch	Freq. [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2402.0	-8.28	0.50	10.09	2.31	1.70	20.96	125	18.65
Mid	2441.0	-8.06	0.50	10.09	2.53	1.79	20.96	125	18.43
High	2480.0	-8.68	0.50	10.09	1.91	1.55	20.96	125	19.05

Sample Calculation:

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

*The limit is rounded down to two decimal place.

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

UL Japan, Inc.

Head Office EMC Lab.

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Facsimile : +81 596 24 8124

Radiated Spurious Emission (below 1GHz)
DH5, Tx, Ch: Low

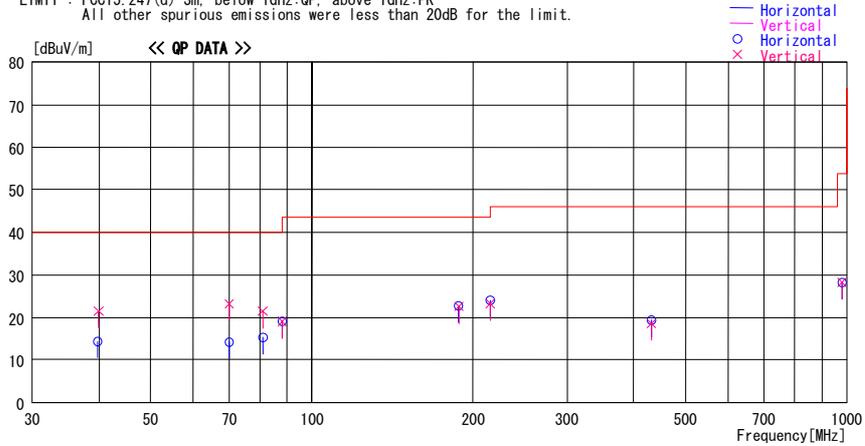
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 3 Semi Anechoic Chamber
Date : 2009/03/16

Company : Sony Computer Entertainment Inc. Report No. : 29HE0053-HO-01
Kind of EUT : Handheld Entertainment System Power : AC120V / 60Hz
Model No. : PSP-N1001 Temp./Humi. : 22deg.C. / 39%
Serial No. : 0000610 Engineer : Takumi Shimada

Mode / Remarks : Bluetooth DH5, Tx, 2402MHz, Worst-axis(Hor:Z, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
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					[dBuV/m]	[dB]	
			[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
39.718	25.3	QP	14.0	-24.9	14.4	333	300	Hori.	40.0	25.6	
39.875	32.5	QP	14.0	-24.9	21.6	10	100	Vert.	40.0	18.4	
70.063	32.4	QP	6.2	-24.3	14.3	255	388	Hori.	40.0	25.7	
70.060	41.3	QP	6.2	-24.3	23.2	215	100	Vert.	40.0	16.8	
80.999	33.2	QP	6.3	-24.1	15.4	63	235	Hori.	40.0	24.6	
80.999	39.3	QP	6.3	-24.1	21.5	264	100	Vert.	40.0	18.5	
88.000	35.9	QP	7.3	-24.0	19.2	50	241	Hori.	40.0	20.8	
88.003	35.8	QP	7.3	-24.0	19.1	348	100	Vert.	43.5	24.4	
188.377	29.6	QP	16.1	-23.1	22.6	332	100	Vert.	43.5	20.9	
187.920	29.8	QP	16.1	-23.1	22.8	324	165	Hori.	43.5	20.7	
215.998	29.9	QP	16.9	-22.8	24.0	347	158	Hori.	43.5	19.5	
215.998	29.2	QP	16.9	-22.8	23.3	350	100	Vert.	43.5	20.2	
431.997	22.0	QP	17.7	-21.1	18.6	342	100	Vert.	46.0	27.4	
431.997	22.8	QP	17.7	-21.1	19.4	235	100	Hori.	46.0	26.6	
979.012	21.7	QP	23.5	-16.9	28.3	41	100	Hori.	53.9	25.6	
979.008	21.7	QP	23.5	-16.9	28.3	1	100	Vert.	53.9	25.6	

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)
DH5, Tx, Ch: Mid

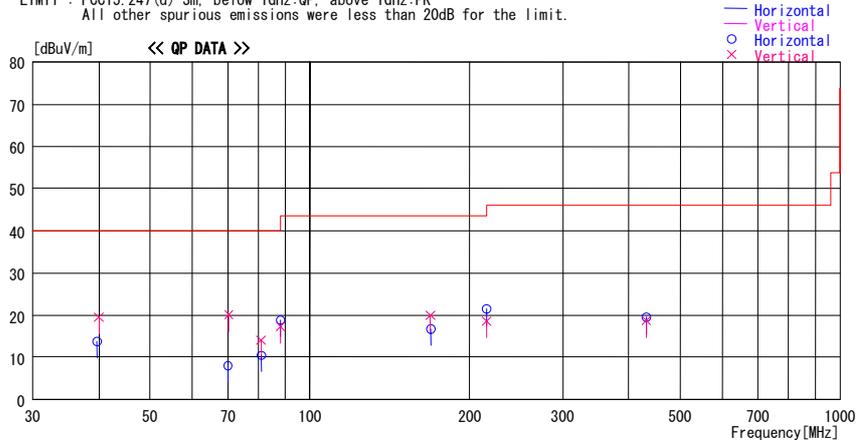
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 3 Semi Anechoic Chamber
Date : 2009/03/16

Company : Sony Computer Entertainment Inc. Report No. : 29HE0053-HO-01
Kind of EUT : Handheld Entertainment System Power : AC120V / 60Hz
Model No. : PSP-N1001 Temp./Humi. : 22deg. C. / 39%
Serial No. : 0000610 Engineer : Takumi Shimada

Mode / Remarks : Bluetooth DH5, Tx, 2441MHz, Worst-axis(Hor:Z, Ver:Z)

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



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss & Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
39.676	24.6	QP	14.1	-24.9	13.8	331	312	Hori.	40.0	26.2	
39.997	30.6	QP	13.9	-24.9	19.6	12	100	Vert.	40.0	20.4	
70.065	26.1	QP	6.2	-24.3	8.0	262	390	Hori.	40.0	32.0	
70.392	38.2	QP	6.2	-24.3	20.1	229	100	Vert.	40.0	19.9	
80.999	28.3	QP	6.3	-24.1	10.5	65	224	Hori.	40.0	29.5	
80.999	31.9	QP	6.3	-24.1	14.1	246	100	Vert.	40.0	25.9	
87.992	34.1	QP	7.3	-24.0	17.4	346	100	Vert.	40.0	22.6	
88.000	35.6	QP	7.3	-24.0	18.9	49	221	Hori.	40.0	21.1	
168.878	24.6	QP	15.4	-23.2	16.8	153	287	Hori.	43.5	26.7	
168.790	27.8	QP	15.4	-23.2	20.0	77	100	Vert.	43.5	23.5	
215.998	27.4	QP	16.9	-22.8	21.5	351	158	Hori.	43.5	22.0	
215.998	24.5	QP	16.9	-22.8	18.6	349	100	Vert.	43.5	24.9	
431.998	22.1	QP	17.7	-21.1	18.7	298	100	Vert.	46.0	27.3	
431.996	23.0	QP	17.7	-21.1	19.6	198	110	Hori.	46.0	26.4	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICOONICAL, 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)
DH5, Tx, Ch: High

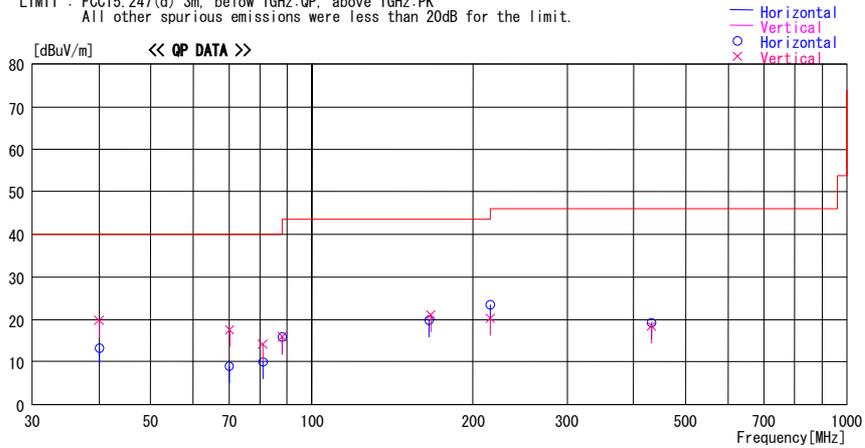
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/03/16

Company : Sony Computer Entertainment Inc. Report No. : 29HE0053-HO-01
Kind of EUT : Handheld Entertainment System Power : AC120V / 60Hz
Model No. : PSP-N1001 Temp./Humi. : 22deg.C. / 39%
Serial No. : 0000610 Engineer : Takumi Shimada

Mode / Remarks : Bluetooth DH5, Tx, 2480MHz, Worst-axis(Hor:Z, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
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 [dB/m]	Gain [dB]							
39.988	24.3	QP	13.9	-24.9	13.3	344	322	Hori.	40.0	26.7	
39.994	30.8	QP	13.9	-24.9	19.8	16	100	Vert.	40.0	20.2	
70.104	27.1	QP	6.2	-24.3	9.0	232	400	Hori.	40.0	31.0	
70.124	35.7	QP	6.2	-24.3	17.6	234	100	Vert.	40.0	22.4	
81.041	27.8	QP	6.3	-24.1	10.0	70	228	Hori.	40.0	30.0	
80.999	32.1	QP	6.3	-24.1	14.3	228	100	Vert.	40.0	25.7	
87.999	32.7	QP	7.3	-24.0	16.0	332	100	Vert.	40.0	24.0	
88.000	32.6	QP	7.3	-24.0	15.9	52	202	Hori.	40.0	24.1	
166.761	29.0	QP	15.3	-23.2	21.1	101	100	Vert.	43.5	22.4	
165.722	27.8	QP	15.3	-23.2	19.9	153	248	Hori.	43.5	23.6	
215.998	29.4	QP	16.9	-22.8	23.5	353	158	Hori.	43.5	20.0	
215.998	26.2	QP	16.9	-22.8	20.3	354	100	Vert.	43.5	23.2	
431.996	22.7	QP	17.7	-21.1	19.3	198	110	Hori.	46.0	26.7	
431.998	21.9	QP	17.7	-21.1	18.5	298	100	Vert.	46.0	27.5	

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

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

Radiated Spurious Emission (below 1GHz)
3DH5, Tx, Ch: Low

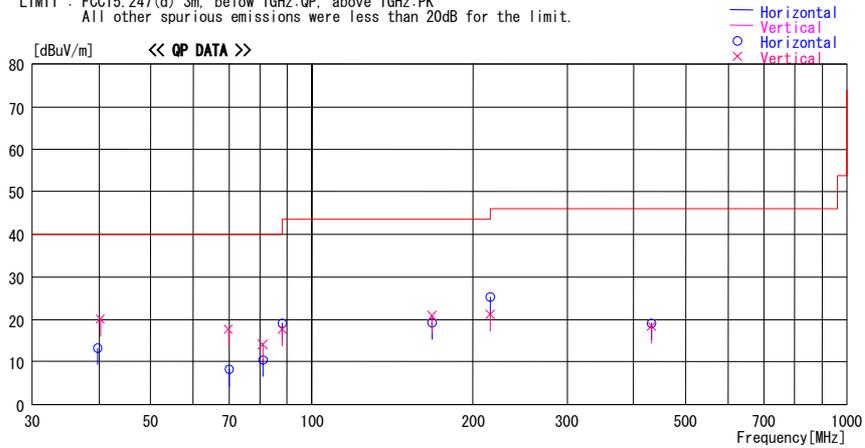
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/03/16

Company : Sony Computer Entertainment Inc. Report No. : 29HE0053-HO-01
Kind of EUT : Handheld Entertainment System Power : AC120V / 60Hz
Model No. : PSP-N1001 Temp./Humi. : 22deg.C. / 39%
Serial No. : 0000610 Engineer : Takumi Shimada

Mode / Remarks : Bluetooth 3DH5, Tx, 2402MHz, Worst-axis(Hor:Z, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
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					[dBuV/m]	[dB]	
			[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
39.714	24.2	QP	14.0	-24.9	13.3	321	300	Hori.	40.0	26.7	
40.263	31.1	QP	13.8	-24.8	20.1	17	100	Vert.	40.0	19.9	
69.843	35.8	QP	6.2	-24.3	17.7	209	100	Vert.	40.0	22.3	
70.041	26.3	QP	6.2	-24.3	8.2	239	399	Hori.	40.0	31.8	
80.999	28.3	QP	6.3	-24.1	10.5	68	241	Hori.	40.0	29.5	
80.999	32.0	QP	6.3	-24.1	14.2	266	100	Vert.	40.0	25.8	
87.999	34.5	QP	7.3	-24.0	17.8	345	100	Vert.	40.0	22.2	
88.000	35.9	QP	7.3	-24.0	19.2	73	241	Hori.	40.0	20.8	
167.740	28.7	QP	15.4	-23.2	20.9	110	100	Vert.	43.5	22.6	
167.536	27.1	QP	15.4	-23.2	19.3	162	204	Hori.	43.5	24.2	
215.998	31.2	QP	16.9	-22.8	25.3	340	143	Hori.	43.5	18.2	
215.998	27.2	QP	16.9	-22.8	21.3	350	100	Vert.	43.5	22.2	
431.997	22.6	QP	17.7	-21.1	19.2	225	100	Hori.	46.0	26.8	
432.005	21.9	QP	17.7	-21.1	18.5	337	100	Vert.	46.0	27.5	

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

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

Radiated Spurious Emission (below 1GHz)
3DH5, Tx, Ch: Mid

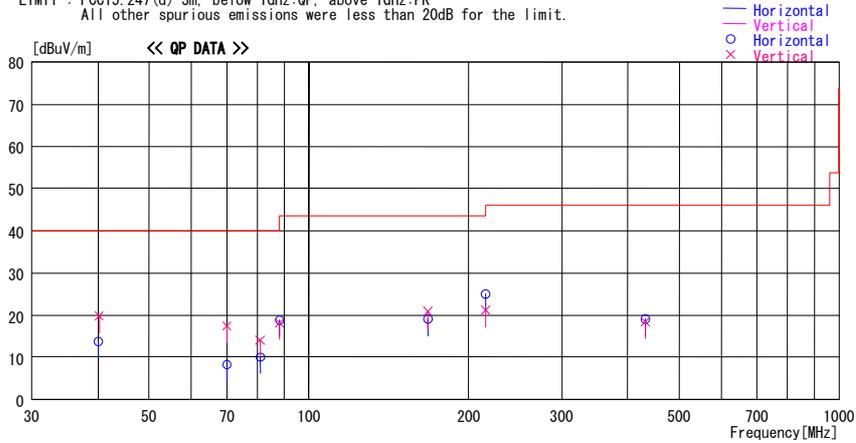
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 3 Semi Anechoic Chamber
Date : 2009/03/16

Company : Sony Computer Entertainment Inc. Report No. : 29HE0053-HO-01
Kind of EUT : Handheld Entertainment System Power : AC120V / 60Hz
Model No. : PSP-N1001 Temp./Humi. : 22deg. C. / 39%
Serial No. : 0000610 Engineer : Takumi Shimada

Mode / Remarks : Bluetooth 3DH5, Tx, 2441MHz, Worst-axis(Hor:Z, Ver:Z)

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



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss & Gain [dB]	Level [dBuV/m]	Angle [Deg.]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
40.044	24.8	QP	13.9	-24.8	13.9	319	300	Hori.	40.0	26.1	
40.263	30.8	QP	13.8	-24.8	19.8	5	100	Vert.	40.0	20.2	
69.980	35.6	QP	6.2	-24.3	17.5	221	100	Vert.	40.0	22.5	
69.988	26.3	QP	6.2	-24.3	8.2	247	399	Hori.	40.0	31.8	
80.999	27.9	QP	6.3	-24.1	10.1	70	225	Hori.	40.0	29.9	
80.999	31.9	QP	6.3	-24.1	14.1	266	100	Vert.	40.0	25.9	
87.999	34.9	QP	7.3	-24.0	18.2	349	100	Vert.	40.0	21.8	
88.000	35.6	QP	7.3	-24.0	18.9	70	256	Hori.	40.0	21.1	
167.678	28.7	QP	15.4	-23.2	20.9	101	100	Vert.	43.5	22.6	
167.791	26.9	QP	15.4	-23.2	19.1	143	199	Hori.	43.5	24.4	
215.998	31.0	QP	16.9	-22.8	25.1	346	143	Hori.	43.5	18.4	
215.998	27.1	QP	16.9	-22.8	21.2	344	100	Vert.	43.5	22.3	
431.997	22.6	QP	17.7	-21.1	19.2	225	100	Hori.	46.0	26.8	
432.002	21.9	QP	17.7	-21.1	18.5	317	100	Vert.	46.0	27.5	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICOONICAL, 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)
3DH5, Tx, Ch: High

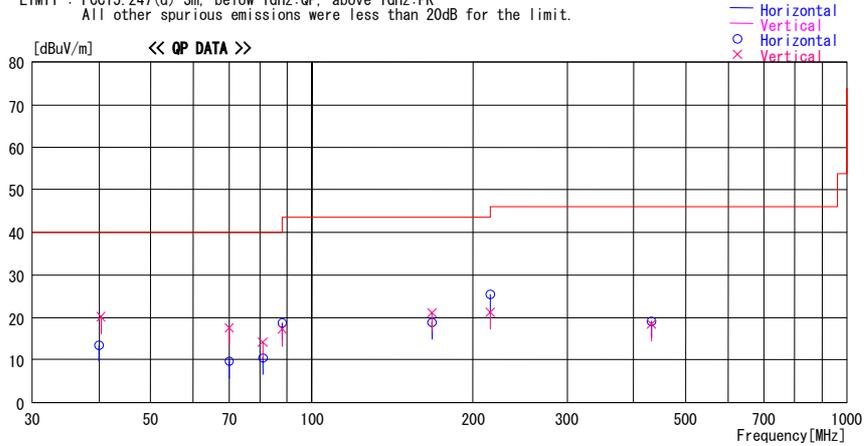
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/03/16

Company : Sony Computer Entertainment Inc. Report No. : 29HE0053-HO-01
Kind of EUT : Handheld Entertainment System Power : AC120V / 60Hz
Model No. : PSP-N1001 Temp./Humi. : 22deg.C. / 39%
Serial No. : 0000610 Engineer : Takumi Shimada

Mode / Remarks : Bluetooth 3DH5, Tx, 2480MHz, Worst-axis(Hor:Z, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
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 [dB/m]	Gain [dB]							
39.966	24.5	QP	14.0	-24.9	13.6	319	300	Hori.	40.0	26.4	
40.347	31.2	QP	13.8	-24.8	20.2	5	100	Vert.	40.0	19.8	
69.973	35.7	QP	6.2	-24.3	17.6	242	100	Vert.	40.0	22.4	
69.988	27.7	QP	6.2	-24.3	9.6	247	236	Hori.	40.0	30.4	
80.999	28.3	QP	6.3	-24.1	10.5	69	225	Hori.	40.0	29.5	
80.999	32.1	QP	6.3	-24.1	14.3	258	100	Vert.	40.0	25.7	
87.999	34.0	QP	7.3	-24.0	17.3	338	100	Vert.	40.0	22.7	
87.999	35.4	QP	7.3	-24.0	18.7	35	194	Hori.	40.0	21.3	
167.678	28.9	QP	15.4	-23.2	21.1	102	100	Vert.	43.5	22.4	
167.791	26.7	QP	15.4	-23.2	18.9	181	178	Hori.	43.5	24.6	
215.998	31.4	QP	16.9	-22.8	25.5	338	143	Hori.	43.5	18.0	
215.998	27.2	QP	16.9	-22.8	21.3	349	100	Vert.	43.5	22.2	
431.997	22.6	QP	17.7	-21.1	19.2	225	100	Hori.	46.0	26.8	
431.997	21.9	QP	17.7	-21.1	18.5	307	100	Vert.	46.0	27.5	

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

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

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

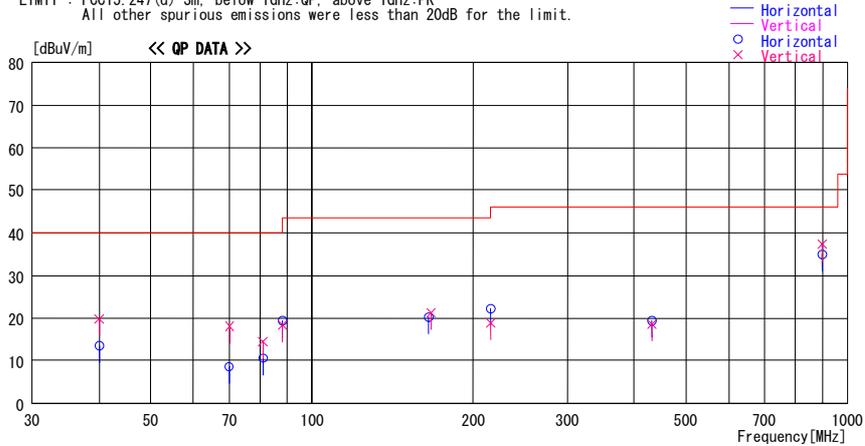
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/03/16

Company : Sony Computer Entertainment Inc. Report No. : 29HE0053-HO-01
Kind of EUT : Handheld Entertainment System Power : AC120V / 60Hz
Model No. : PSP-N1001 Temp./Humi. : 22deg. C. / 39%
Serial No. : 0000610 Engineer : Takumi Shimada

Mode / Remarks : Bluetooth Rx, 2441MHz, Worst-axis(Hor:Z, Ver:Z)

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



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss& Gain [dB]							
39.998	24.5	QP	13.9	-24.9	13.5	292	322	Hori.	40.0	26.5	
39.994	30.8	QP	13.9	-24.9	19.8	18	100	Vert.	40.0	20.2	
70.104	26.7	QP	6.2	-24.3	8.6	259	400	Hori.	40.0	31.4	
70.119	36.2	QP	6.2	-24.3	18.1	254	100	Vert.	40.0	21.9	
80.999	32.3	QP	6.3	-24.1	14.5	218	100	Vert.	40.0	25.5	
80.999	28.4	QP	6.3	-24.1	10.6	69	228	Hori.	40.0	29.4	
87.999	35.1	QP	7.3	-24.0	18.4	328	100	Vert.	40.0	21.6	
88.000	36.1	QP	7.3	-24.0	19.4	62	202	Hori.	40.0	20.6	
165.015	28.2	QP	15.3	-23.2	20.3	155	208	Hori.	43.5	23.2	
166.761	29.2	QP	15.3	-23.2	21.3	120	100	Vert.	43.5	22.2	
215.998	28.2	QP	16.9	-22.8	22.3	343	158	Hori.	43.5	21.2	
215.998	24.8	QP	16.9	-22.8	18.9	351	100	Vert.	43.5	24.6	
431.996	22.9	QP	17.7	-21.1	19.5	0	100	Hori.	46.0	26.5	
431.998	22.0	QP	17.7	-21.1	18.6	300	100	Vert.	46.0	27.4	
897.404	30.7	QP	22.0	-17.7	35.0	2	100	Hori.	46.0	11.0	
897.392	33.0	QP	22.0	-17.7	37.3	330	132	Vert.	46.0	8.7	

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)
(Reference Data, EUT: Stand Alone)
DH5, Tx, Ch: Mid

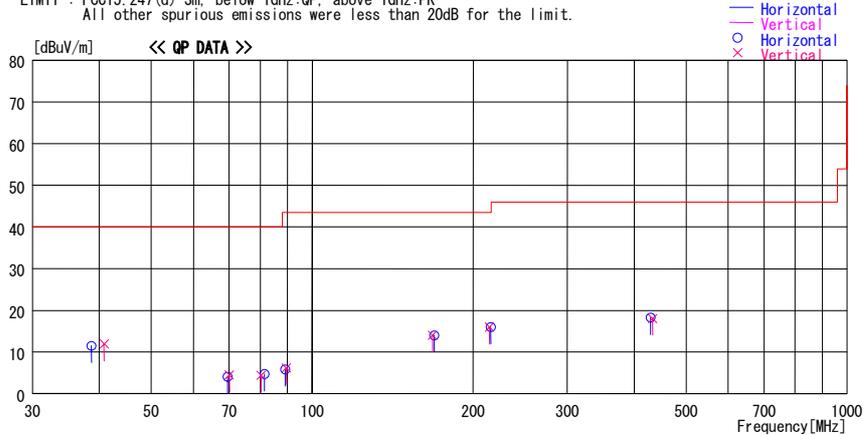
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/05/23

Company : Sony Computer Entertainment Inc. Report No. : 29HE0053-HO-01
Kind of EUT : Handheld Entertainment System Power : AC120V / 60Hz
Model No. : PSP-N1001 Temp./Humi. : 25deg. C. / 49%
Serial No. : 0000610 Engineer : Takayuki Shimada

Mode / Remarks : Bluetooth DH5, Tx, 2441MHz, Worst-axis(Hor:Z, Ver:Z)

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



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
38.657	22.0	QP	14.5	-25.0	11.5	0	100	Hori.	40.0	28.5	
40.822	23.2	QP	13.6	-24.9	11.9	0	100	Vert.	40.0	28.1	
69.499	22.3	QP	6.3	-24.5	4.1	0	100	Hori.	40.0	35.9	
70.040	22.8	QP	6.2	-24.5	4.5	0	100	Vert.	40.0	35.5	
80.321	22.4	QP	6.2	-24.2	4.4	0	100	Vert.	40.0	35.6	
81.403	22.6	QP	6.3	-24.2	4.7	0	100	Hori.	40.0	35.3	
88.978	22.5	QP	7.4	-24.1	5.8	0	100	Hori.	43.5	37.7	
89.519	22.8	QP	7.5	-24.1	6.2	0	100	Vert.	43.5	37.3	
167.976	21.9	QP	15.4	-23.3	14.0	0	100	Vert.	43.5	29.5	
169.058	21.9	QP	15.4	-23.3	14.0	0	100	Hori.	43.5	29.5	
214.508	21.9	QP	16.9	-22.8	16.0	0	100	Vert.	43.5	27.5	
215.591	21.9	QP	16.9	-22.8	16.0	0	100	Hori.	43.5	27.5	
429.058	21.8	QP	17.7	-21.2	18.3	0	100	Hori.	46.0	27.8	
433.266	21.5	QP	17.7	-21.2	18.0	0	100	Vert.	46.0	28.0	

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

Radiated Spurious Emission (below 1GHz)
(Reference Data, EUT: Stand Alone)
3DH5, Tx, Ch: Mid

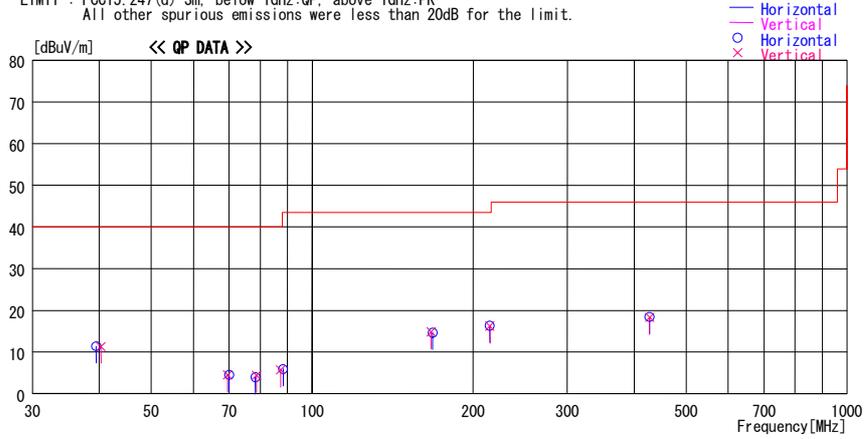
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 3 Semi Anechoic Chamber
 Date : 2009/05/23

Company : Sony Computer Entertainment Inc. Report No. : 29HE0053-HO-01
 Kind of EUT : Handheld Entertainment System Power : AC120V / 60Hz
 Model No. : PSP-N1001 Temp./Humi. : 25deg. C. / 49%
 Serial No. : 0000610 Engineer : Takayuki Shimada

Mode / Remarks : Bluetooth 3DH5, Tx, 2441MHz, Worst-axis(Hor:Z, Ver:Z)

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



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
39.450	22.3	QP	14.1	-25.0	11.4	0	100	Hori.	40.0	28.6	
40.281	22.4	QP	13.8	-24.9	11.3	0	100	Vert.	40.0	28.7	
69.499	22.7	QP	6.3	-24.5	4.5	0	100	Vert.	40.0	35.5	
69.960	22.8	QP	6.2	-24.5	4.5	0	100	Hori.	40.0	35.5	
78.330	22.1	QP	6.1	-24.2	4.0	0	100	Hori.	40.0	36.0	
78.697	22.5	QP	6.1	-24.2	4.4	0	100	Vert.	40.0	35.6	
87.355	22.6	QP	7.2	-24.1	5.7	0	100	Vert.	40.0	34.3	
88.320	22.7	QP	7.3	-24.1	5.9	0	100	Hori.	43.5	37.6	
166.894	22.8	QP	15.3	-23.3	14.8	0	100	Vert.	43.5	28.7	
167.970	22.5	QP	15.4	-23.3	14.6	0	100	Hori.	43.5	28.9	
214.681	22.2	QP	16.9	-22.8	16.3	0	100	Hori.	43.5	27.2	
215.049	22.1	QP	16.9	-22.8	16.2	0	100	Vert.	43.5	27.3	
427.402	21.9	QP	17.7	-21.2	18.4	0	100	Hori.	46.0	27.6	
427.402	21.8	QP	17.7	-21.2	18.3	0	100	Vert.	46.0	27.7	

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

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

Radiated Spurious Emission (above 1GHz)
DH5, Tx, Ch: Low

		UL Japan, Inc.	
		Head Office EMC Lab. No. 2 and No.3 Semi Anechoic Chamber	
Company	: Sony Computer Entertainment Inc.	Regulation	: FCC15.247(d) / RSS-210 A8.5
Equipment	: Handheld Entertainment System	Test Distance	: 3m / 1m
Model	: PSP-N1001	Date	: 03/12/2009 03/16/2009
S/N:	: 0000610	Temperature	: 21deg.C. 22deg.C.
Power	: AC 120V / 60Hz	Humidity	: 31%
Mode	: BT, DH5, Tx 2402MHz	Engineer	: Takumi Shimada Takumi Shimada
Position	: H: Z-axis, V: Z-axis		(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	2390.00	44.8	42.6	27.1	32.4	2.6	0.0	-	42.1	39.9	73.9	31.8	34.0
2	2400.00	62.2	59.3	27.1	32.4	2.6	0.0	-	59.5	56.6	73.9	14.4	17.3
3	4804.00	53.6	51.8	31.2	31.4	3.9	1.1	-	58.4	56.6	73.9	15.5	17.3
4	7206.00	40.9	40.6	35.6	31.2	4.4	1.1	-	50.8	50.5	73.9	23.1	23.4
5	9608.00	41.1	41.2	38.4	32.0	5.2	1.3	-	54.0	54.1	73.9	19.9	19.8
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
6	12010.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
7	14412.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
8	16814.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
9	19216.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
10	21618.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
11	24020.00	48.7	48.5	38.4	31.2	7.9	0.0	-	54.3	54.1	73.9	19.6	19.8

AV VALUE (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	Dwell Factor [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 + Dwell time factor													
1	2390.00	44.8	42.6	27.1	32.4	2.6	0.0	-29.7	12.4	10.2	53.9	41.5	43.7
2	2400.00	62.2	59.3	27.1	32.4	2.6	0.0	-29.7	29.8	26.9	53.9	24.1	27.0
3	4804.00	53.6	51.8	31.2	31.4	3.9	1.1	-29.7	28.7	26.9	53.9	25.2	27.0
4	7206.00	40.9	40.6	35.6	31.2	4.4	1.1	-29.7	21.1	20.8	53.9	32.8	33.1
5	9608.00	41.1	41.2	38.4	32.0	5.2	1.3	-29.7	24.3	24.4	53.9	29.6	29.5
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac + Dwell time factor													
6	12010.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
7	14412.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
8	16814.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
9	19216.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
10	21618.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
11	24020.00	48.7	48.5	38.4	31.2	7.9	0.0	-29.7	24.6	24.4	53.9	29.3	29.5

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.
*Dwell time factor = 20log (Dwell time / 100ms) = 20log (3.25*10^-3 / 100*10^-3) = -29.7 dB (Refer to dwell time data sheet)
*In the frequency over the 3th harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The test result is rounded off to one or two decimal places, so some differences might be observed.
*NS: Non Signal

Radiated Spurious Emission (above 1GHz)
DH5, Tx, Ch: Mid

UL Japan, Inc.
Head Office EMC Lab. No.2 and No.3 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc. Regulation : FCC15.247(d) / RSS-210 A8.5
Equipment : Handheld Entertainment System Test Distance : 3m / 1m
Model : PSP-N1001 Date : 03/12/2009 03/16/2009
S/N: : 0000610 Temperature : 21deg.C. 22deg.C.
Power : AC 120V / 60Hz Humidity : 31% 39%
Mode : BT, DH5, Tx 2441MHz Engineer : Takumi Shimada Takumi Shimada
Position : H: Z-axis, V: Z-axis (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	4882.00	54.2	52.8	31.3	31.3	4.0	1.1	-	59.3	57.9	73.9	14.6	16.0
2	7323.00	42.2	40.9	35.8	31.2	4.4	1.1	-	52.3	51.0	73.9	21.6	22.9
3	9764.00	42.1	41.1	38.6	32.0	5.2	1.3	-	55.2	54.2	73.9	18.7	19.7
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
4	12205.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
5	14646.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
6	17087.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
7	19528.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
8	21969.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
9	24410.00	48.7	48.6	38.6	30.6	8.0	0.0	-	55.2	55.1	73.9	18.7	18.8

AV VALUE (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	Dwell Factor [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 + Dwell time factor													
1	4882.00	54.2	52.8	31.3	31.3	4.0	1.1	-29.7	29.6	28.2	53.9	24.3	25.7
2	7323.00	42.2	40.9	35.8	31.2	4.4	1.1	-29.7	22.6	21.3	53.9	31.3	32.6
3	9764.00	42.1	41.1	38.6	32.0	5.2	1.3	-29.7	25.5	24.5	53.9	28.4	29.4
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac + Dwell time factor													
4	12205.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
5	14646.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
6	17087.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
7	19528.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
8	21969.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
9	24410.00	48.7	48.6	38.6	30.6	8.0	0.0	-29.7	25.5	25.4	53.9	28.4	28.5

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.
*Dwell time factor = 20log (Dwell time / 100ms) = 20log (3.25*10^-3 / 100*10^-3) = -29.7 dB (Refer to dwell time data sheet)
*In the frequency over the 3th harmonic, the noise from the EUT was not seen. The data above is its base noise.
*The test result is rounded off to one or two decimal places, so some differences might be observed.
*NS: Non Signal

Radiated Spurious Emission (above 1GHz)
DH5, Tx, Ch: High

UL Japan, Inc.
Head Office EMC Lab. No. 2 and No.3 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc. Regulation : FCC15.247(d) / RSS-210 A8.5
Equipment : Handheld Entertainment System Test Distance : 3m / 1m
Model : PSP-N1001 Date : 03/12/2009 03/16/2009
S/N: : 0000610 Temperature : 21deg.C. 22deg.C.
Power : AC 120V / 60Hz Humidity : 31% 39%
Mode : BT, DH5, Tx 2480MHz Engineer : Takumi Shimada Takumi Shimada
Position : H: Z-axis, V: Z-axis (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	2483.50	51.7	48.1	27.3	32.4	2.7	0.0	-	49.3	45.7	73.9	24.6	28.2
2	4960.00	52.9	53.5	31.5	31.3	4.0	1.1	-	58.2	58.8	73.9	15.7	15.1
3	7440.00	41.4	41.7	36.0	31.2	4.5	1.1	-	51.8	52.1	73.9	22.1	21.8
4	9920.00	41.8	41.8	38.7	32.0	5.2	1.3	-	55.0	55.0	73.9	18.9	18.9
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
5	12400.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
6	14880.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
7	17360.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
8	19840.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
9	22320.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
10	24800.00	48.6	48.4	38.9	29.9	8.1	0.0	-	56.2	56.0	73.9	17.7	17.9

AV VALUE (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	Dwell Factor [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 + Dwell time factor													
1	2483.50	51.7	48.1	27.3	32.4	2.7	0.0	-29.7	19.6	16.0	53.9	34.3	37.9
2	4960.00	52.9	53.5	31.5	31.3	4.0	1.1	-29.7	28.5	29.1	53.9	25.4	24.8
3	7440.00	41.4	41.7	36.0	31.2	4.5	1.1	-29.7	22.1	22.4	53.9	31.8	31.5
4	9920.00	41.8	41.8	38.7	32.0	5.2	1.3	-29.7	25.3	25.3	53.9	28.6	28.6
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac + Dwell time factor													
5	12400.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
6	14880.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
7	17360.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
8	19840.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
9	22320.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
10	24800.00	48.6	48.4	38.9	29.9	8.1	0.0	-29.7	26.5	26.3	53.9	27.4	27.6

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.
*Dwell time factor = 20log (Dwell time / 100ms) = 20log (3.25*10^-3 / 100*10^-3) = -29.7 dB (Refer to dwell time data sheet)
*In the frequency over the 3th harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The test result is rounded off to one or two decimal places, so some differences might be observed.
*NS: Non Signal

Radiated Spurious Emission (above 1GHz)
3DH5, Tx, Ch: Low

UL Japan, Inc.

Head Office EMC Lab. No. 2 and No.3 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc.
Equipment : Handheld Entertainment System
Model : PSP-N1001
S/N: : 0000610
Power : AC 120V / 60Hz
Mode : BT, 3DH5, Tx 2402MHz
Position : H: Z-axis, V: Z-axis

Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 03/12/2009 03/16/2009
Temperature : 21deg.C. 22deg.C.
Humidity : 31% 39%
Engineer : Takumi Shimada Takumi Shimada
(below 10GHz) (above 10GHz)

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]		RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER						HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	2390.00	44.9	43.3	27.1	32.4	2.6	0.0	-	42.2	40.6	73.9	31.7	33.3
2**	2400.00	72.1	69.8	27.1	32.4	2.6	0.0	-	69.4	67.1	73.9	-	-
3	4804.00	49.4	49.0	31.2	31.4	3.9	1.1	-	54.2	53.8	73.9	19.7	20.1
4	7206.00	41.3	40.6	35.6	31.2	4.4	1.1	-	51.2	50.5	73.9	22.7	23.4
5	9608.00	40.9	41.3	38.4	32.0	5.2	1.3	-	53.8	54.2	73.9	20.1	19.7
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
6	12010.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
7	14412.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
8	16814.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
9	19216.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
10	21618.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
11	24020.00	48.7	48.3	38.4	31.2	7.9	0.0	-	54.3	53.9	73.9	19.6	20.0

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

AV VALUE (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	Dwell Factor [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 + Dwell time factor													
1	2390.00	44.9	43.3	27.1	32.4	2.6	0.0	-29.3	12.9	11.3	53.9	41.0	42.6
2**	2400.00	72.1	69.8	27.1	32.4	2.6	0.0	-29.3	40.1	37.8	53.9	-	-
3	4804.00	49.4	49.0	31.2	31.4	3.9	1.1	-29.3	24.9	24.5	53.9	29.0	29.4
4	7206.00	41.3	40.6	35.6	31.2	4.4	1.1	-29.3	21.9	21.2	53.9	32.0	32.7
5	9608.00	40.9	41.3	38.4	32.0	5.2	1.3	-29.3	24.5	24.9	53.9	29.4	29.0
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac + Dwell time factor													
6	12010.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
7	14412.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
8	16814.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
9	19216.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
10	21618.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
11	24020.00	48.7	48.3	38.4	31.2	7.9	0.0	-29.3	25.0	24.6	53.9	28.9	29.3

**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.

*Dwell time factor = 20log (Dwell time / 100ms) = 20log (3.417*10^-3 / 100*10^-3) = -29.3 dB (Refer to dwell time data sheet)

*In the frequency over the 3th harmonic, the noise from the EUT was not seen.The data above is its base noise.

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

*NS: Non Signal

UL Japan, Inc.

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Radiated Spurious Emission (above 1GHz)
3DH5, Tx, Ch: Low

		UL Japan, Inc.	
		Head Office EMC Lab. No. 2 Semi Anechoic Chamber	
Company	: Sony Computer Entertainment Inc.	Regulation	: FCC15.247(d) / RSS-210 A8.5
Equipment	: Handheld Entertainment System	Test Distance	: 3m
Model	: PSP-N1001	Date	: 03/12/2009
S/N:	: 0000610	Temperature	: 21deg.C.
Power	: AC 120V / 60Hz	Humidity	: 31%
Mode	: BT, 3DH5, Tx 2402MHz	Engineer	: Takumi Shimada
Position	: H: Z-axis, V: Z-axis		

(20dBc data sheet)

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												
0	2402.00	101.7	99.1	27.2	32.4	2.6	0.0	99.1	96.5	-	-	-
2	2400.00	58.9	56.4	27.1	32.4	2.6	0.0	56.2	53.7	Funda-20dB	22.9	22.8

*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)
3DH5, Tx, Ch: Mid

		UL Japan, Inc.	
		Head Office EMC Lab. No. 2 and No.3 Semi Anechoic Chamber	
Company	: Sony Computer Entertainment Inc.	Regulation	: FCC15.247(d) / RSS-210 A8.5
Equipment	: Handheld Entertainment System	Test Distance	: 3m / 1m
Model	: PSP-N1001	Date	: 03/12/2009 03/16/2009
S/N:	: 0000610	Temperature	: 21deg.C. 22deg.C.
Power	: AC 120V / 60Hz	Humidity	: 31% 39%
Mode	: BT, 3DH5, Tx 2441MHz	Engineer	: Takumi Shimada Takumi Shimada
Position	: H: Z-axis, V: Z-axis		(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	4882.00	51.6	49.3	31.3	31.3	4.0	1.1	-	56.7	54.4	73.9	17.2	19.5
2	7323.00	40.7	41.6	35.8	31.2	4.4	1.1	-	50.8	51.7	73.9	23.1	22.2
3	9764.00	41.3	42.2	38.6	32.0	5.2	1.3	-	54.4	55.3	73.9	19.5	18.6
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
4	12205.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
5	14646.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
6	17087.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
7	19528.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
8	21969.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
9	24410.00	48.5	48.0	38.6	30.6	8.0	0.0	-	55.0	54.5	73.9	18.9	19.4

AV VALUE (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	Dwell Factor [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 + Dwell time factor													
1	4882.00	51.6	49.3	31.3	31.3	4.0	1.1	-29.3	27.4	25.1	53.9	26.5	28.8
2	7323.00	40.7	41.6	35.8	31.2	4.4	1.1	-29.3	21.5	22.4	53.9	32.4	31.5
3	9764.00	41.3	42.2	38.6	32.0	5.2	1.3	-29.3	25.1	26.0	53.9	28.8	27.9
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac + Dwell time factor													
4	12205.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
5	14646.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
6	17087.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
7	19528.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
8	21969.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
9	24410.00	48.5	48.0	38.6	30.6	8.0	0.0	-29.3	25.7	25.2	53.9	28.2	28.7

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.
*Dwell time factor = 20log (Dwell time / 100ms) = 20log (3.417*10^-3 / 100*10^-3) = -29.3 dB (Refer to dwell time data sheet)
*In the frequency over the 3th harmonic, the noise from the EUT was not seen. The data above is its base noise.
*The test result is rounded off to one or two decimal places, so some differences might be observed.
*NS: Non Signal

Radiated Spurious Emission (above 1GHz)
3DH5, Tx, Ch: High

Company : Sony Computer Entertainment Inc. Regulation : FCC15.247(d) / RSS-210 A8.5
Equipment : Handheld Entertainment System Test Distance : 3m / 1m
Model : PSP-N1001 Date : 03/12/2009 03/16/2009
S/N: : 0000610 Temperature : 21deg.C. 22deg.C.
Power : AC 120V / 60Hz Humidity : 31% 39%
Mode : BT, 3DH5, Tx 2480MHz Engineer : Takumi Shimada Takumi Shimada
Position : H: Z-axis, V: Z-axis (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	2483.50	53.7	52.1	27.3	32.4	2.7	0.0	-	51.3	49.7	73.9	22.6	24.2
2	4960.00	47.2	50.7	31.5	31.3	4.0	1.1	-	52.5	56.0	73.9	21.4	17.9
3	7440.00	40.4	40.9	36.0	31.2	4.5	1.1	-	50.8	51.3	73.9	23.1	22.6
4	9920.00	40.2	42.2	38.7	32.0	5.2	1.3	-	53.4	55.4	73.9	20.5	18.5
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
5	12400.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
6	14880.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
7	17360.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
8	19840.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
9	22320.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
10	24800.00	48.6	49.1	38.9	29.9	8.1	0.0	-	56.2	56.7	73.9	17.7	17.2

AV VALUE (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	Dwell Factor [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 + Dwell time factor													
1	2483.50	53.7	52.1	27.3	32.4	2.7	0.0	-29.3	22.0	20.4	53.9	31.9	33.5
2	4960.00	47.2	50.7	31.5	31.3	4.0	1.1	-29.3	23.2	26.7	53.9	30.7	27.2
3	7440.00	40.4	40.9	36.0	31.2	4.5	1.1	-29.3	21.5	22.0	53.9	32.4	31.9
4	9920.00	40.2	42.2	38.7	32.0	5.2	1.3	-29.3	24.1	26.1	53.9	29.8	27.8
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac + Dwell time factor													
5	12400.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
6	14880.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
7	17360.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
8	19840.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
9	22320.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
10	24800.00	48.6	49.1	38.9	29.9	8.1	0.0	-29.3	26.9	27.4	53.9	27.0	26.5

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.
*Dwell time factor = 20log (Dwell time / 100ms) = 20log (3.417*10^-3 / 100*10^-3) = -29.3 dB (Refer to dwell time data sheet)
*In the frequency over the 3th harmonic, the noise from the EUT was not seen. The data above is its base noise.
*The test result is rounded off to one or two decimal places, so some differences might be observed.
*NS: Non Signal

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

Company	: Sony Computer Entertainment Inc.	Regulation	: FCC15.247(d) / RSS-210 A8.5
Equipment	: Handheld Entertainment System	Test Distance	: 3m
Model	: PSP-N1001	Date	: 03/12/2009
S/N:	: 0000610	Temperature	: 21deg.C.
Power	: AC 120V / 60Hz	Humidity	: 31%
Mode	: BT, Rx 2441MHz	Engineer	: Takumi Shimada
Position	: H: Z-axis, V: Z-axis		

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]		Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss										
1	2441.00	40.6	41.3	27.2	32.4	2.6	0.0	38.0	38.7	73.9	35.9	35.2		
2	2442.35	45.1	43.6	27.2	32.4	2.6	0.0	42.5	41.0	73.9	31.4	32.9		
3	4882.00	39.6	40.0	31.3	31.3	3.7	0.0	43.3	43.7	73.9	30.6	30.2		
4	7323.00	40.4	41.1	35.8	31.2	4.0	0.0	49.0	49.7	73.9	24.9	24.2		

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		
		[dBuV]		Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss										
1	2441.00	28.1	28.1	27.2	32.4	2.6	0.0	25.5	25.5	53.9	28.4	28.4		
2	2442.35	36.5	33.3	27.2	32.4	2.6	0.0	33.9	30.7	53.9	20.0	23.2		
3	4882.00	27.2	27.2	31.3	31.3	3.7	0.0	30.9	30.9	53.9	23.0	23.0		
4	7323.00	28.0	28.0	35.8	31.2	4.0	0.0	36.6	36.6	53.9	17.3	17.3		

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

Radiated Spurious Emission (above 1GHz)
(Reference Data, EUT: Stand Alone)
DH5, Tx, Ch: Low

		UL Japan, Inc.	
		Head Office EMC Lab. No.3 Semi Anechoic Chamber	
Company	: Sony Computer Entertainment Inc.	Regulation	: FCC15.247(d) / RSS-210 A8.5
Equipment	: Handheld Entertainment System	Test Distance	: 3m
Model	: PSP-N1001	Date	: 05/25/2009
S/N:	: 0000610	Temperature	: 23deg.C.
Power	: AC 120V / 60Hz	Humidity	: 55%
Mode	: BT, DH5, Tx 2402MHz	Engineer	: Takayuki Shimada
Position	: H: Z-axis, V: Z-axis		

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	2390.00	43.1	42.2	27.2	32.3	2.7	0.0	-	40.7	39.8	73.9	33.2	34.1
2	2400.00	59.0	53.7	27.2	32.3	2.7	0.0	-	56.6	51.3	73.9	17.3	22.6
3	4804.00	51.6	51.6	31.7	31.4	3.7	1.0	-	56.6	56.6	73.9	17.3	17.3
4	7206.00	39.7	40.0	35.9	31.9	4.7	0.9	-	49.3	49.6	73.9	24.6	24.3
5	9608.00	39.5	39.6	38.4	32.7	5.4	1.2	-	51.8	51.9	73.9	22.1	22.0

AV VALUE (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	Dwell Factor [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 + Dwell time factor													
1	2390.00	43.1	42.2	27.2	32.3	2.7	0.0	-29.7	11.0	10.1	53.9	42.9	43.8
2	2400.00	59.0	53.7	27.2	32.3	2.7	0.0	-29.7	26.9	21.6	53.9	27.0	32.3
3	4804.00	51.6	51.6	31.7	31.4	3.7	1.0	-29.7	26.9	26.9	53.9	27.0	27.0
4	7206.00	39.7	40.0	35.9	31.9	4.7	0.9	-29.7	19.6	19.9	53.9	34.3	34.0
5	9608.00	39.5	39.6	38.4	32.7	5.4	1.2	-29.7	22.1	22.2	53.9	31.8	31.7

*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.
*Dwell time factor = $20\log (\text{Dwell time} / 100\text{ms}) = 20\log (3.25 \times 10^{-3} / 100 \times 10^{-3}) = -29.7 \text{ dB}$ (Refer to dwell time data sheet)
*In the frequency over the 3th harmonic, the noise from the EUT was not seen. The data above is its base noise.
*The test result is rounded off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (above 1GHz)
(Reference Data, EUT: Stand Alone)
DH5, Tx, Ch: Mid

		UL Japan, Inc.	
		Head Office EMC Lab. No.3 Semi Anechoic Chamber	
Company	: Sony Computer Entertainment Inc.	Regulation	: FCC15.247(d) / RSS-210 A8.5
Equipment	: Handheld Entertainment System	Test Distance	: 3m / 1m
Model	: PSP-N1001	Date	: 05/23/2009
S/N:	: 0000610	Temperature	: 25deg.C.
Power	: AC 120V / 60Hz	Humidity	: 49%
Mode	: BT, DH5, Tx 2441MHz	Engineer	: Takayuki Shimada
Position	: H: Z-axis, V: Z-axis		

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	4882.00	52.8	52.1	31.8	31.4	3.7	0.9	-	57.8	57.1	73.9	16.1	16.8
2	7323.00	41.8	41.2	36.1	32.0	4.7	0.9	-	51.5	50.9	73.9	22.4	23.0
3	9764.00	41.7	41.5	38.6	32.7	5.4	1.2	-	54.2	54.0	73.9	19.7	19.9
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
4	12205.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
5	14646.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
6	17087.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
7	19528.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
8	21969.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
9	24410.00	45.1	44.9	38.5	30.2	8.0	0.0	-	51.9	51.7	73.9	22.0	22.2

AV VALUE (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	Dwell Factor [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 + Dwell time factor													
1	4882.00	52.8	52.1	31.8	31.4	3.7	0.9	-29.7	28.1	27.4	53.9	25.8	26.5
2	7323.00	41.8	41.2	36.1	32.0	4.7	0.9	-29.7	21.8	21.2	53.9	32.1	32.7
3	9764.00	41.7	41.5	38.6	32.7	5.4	1.2	-29.7	24.5	24.3	53.9	29.4	29.6
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac + Dwell time factor													
4	12205.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
5	14646.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
6	17087.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
7	19528.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
8	21969.00	NS	NS	-	-	-	-	-29.7	-	-	53.9	-	-
9	24410.00	45.1	44.9	38.5	30.2	8.0	0.0	-29.7	22.2	22.0	53.9	31.7	31.9

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 Fiter was not used for factor 0.0dB of the above table.
*Dwell time factor = 20log (Dwell time / 100ms) = 20log (3.25*10^-3 / 100*10^-3) = -29.7 dB (Refer to dwell time data sheet)
*In the frequency over the 3th harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The test result is rounded off to one or two decimal places, so some differences might be observed.
*NS: Non Signal

Radiated Spurious Emission (above 1GHz)
(Reference Data, EUT: Stand Alone)
3DH5, Tx, Ch: Low

		UL Japan, Inc.	
		Head Office EMC Lab. No.3 Semi Anechoic Chamber	
Company	: Sony Computer Entertainment Inc.	Regulation	: FCC15.247(d) / RSS-210 A8.5
Equipment	: Handheld Entertainment System	Test Distance	: 3m
Model	: PSP-N1001	Date	: 05/25/2009
S/N:	: 0000610	Temperature	: 23deg.C.
Power	: AC 120V / 60Hz	Humidity	: 55%
Mode	: BT, 3DH5, Tx 2402MHz	Engineer	: Takayuki Shimada
Position	: H: Z-axis, V: Z-axis		

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	2390.00	43.9	42.0	27.2	32.3	2.7	0.0	-	41.5	39.6	73.9	32.4	34.3
2**	2400.00	70.4	65.4	27.2	32.3	2.7	0.0	-	68.0	63.0	73.9	-	-
3	4804.00	49.0	48.4	31.7	31.4	3.7	1.0	-	54.0	53.4	73.9	19.9	20.5
4	7206.00	39.8	39.9	35.9	31.9	4.7	0.9	-	49.4	49.5	73.9	24.5	24.4
5	9608.00	39.6	39.6	38.4	32.7	5.4	1.2	-	51.9	51.9	73.9	22.0	22.0

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

AV VALUE (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	Dwell Factor [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 + Dwell time factor													
1	2390.00	43.9	42.0	27.2	32.3	2.7	0.0	-29.3	12.2	10.3	53.9	41.7	43.6
2**	2400.00	70.4	65.4	27.2	32.3	2.7	0.0	-29.3	38.7	33.7	53.9	-	-
3	4804.00	49.0	48.4	31.7	31.4	3.7	1.0	-29.3	24.7	24.1	53.9	29.2	29.8
4	7206.00	39.8	39.9	35.9	31.9	4.7	0.9	-29.3	20.1	20.2	53.9	33.8	33.7
5	9608.00	39.6	39.6	38.4	32.7	5.4	1.2	-29.3	22.6	22.6	53.9	31.3	31.3

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

*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.

*Dwell time factor = $20\log(\text{Dwell time} / 100\text{ms}) = 20\log(3.417 \times 10^{-3} / 100 \times 10^{-3}) = -29.3 \text{ dB}$ (Refer to dwell time data sheet)

*In the frequency over the 3th harmonic, the noise from the EUT was not seen.The data above is its base noise.

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

Radiated Spurious Emission (above 1GHz)
(Reference Data, EUT: Stand Alone)
3DH5, Tx, Ch: Low

		UL Japan, Inc.	
		Head Office EMC Lab. No.3 Semi Anechoic Chamber	
Company	: Sony Computer Entertainment Inc.	Regulation	: FCC15.247(d) / RSS-210 A8.5
Equipment	: Handheld Entertainment System	Test Distance	: 3m
Model	: PSP-N1001	Date	: 05/25/2009
S/N:	: 0000610	Temperature	: 23deg.C.
Power	: AC 120V / 60Hz	Humidity	: 55%
Mode	: BT, 3DH5, Tx 2402MHz	Engineer	: Takayuki Shimada
Position	: H: Z-axis, V: Z-axis		

(20dBc data sheet)

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												
0	2402.00	99.8	94.6	27.2	32.3	2.7	0.0	97.4	92.2	-	-	-
2	2400.00	57.0	52.1	27.2	32.3	2.7	0.0	54.6	49.7	Funda-20dB	22.8	22.5

*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)
(Reference Data, EUT: Stand Alone)
3DH5, Tx, Ch: Mid

UL Japan, Inc.

Head Office EMC Lab. No.3 Semi Anechoic Chamber

Company : Sony Computer Entertainment Inc.
Equipment : Handheld Entertainment System
Model : PSP-N1001
S/N: : 0000610
Power : AC 120V / 60Hz
Mode : BT, 3DH5, Tx 2441MHz
Position : H: Z-axis, V: Z-axis

Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 05/23/2009
Temperature : 25deg.C.
Humidity : 49%
Engineer : Takayuki 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
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	4882.00	50.8	49.1	31.8	31.4	3.7	0.9	-	55.8	54.1	73.9	18.1	19.8
2	7323.00	40.8	41.2	36.1	32.0	4.7	0.9	-	50.5	50.9	73.9	23.4	23.0
3	9764.00	41.2	41.3	38.6	32.7	5.4	1.2	-	53.7	53.8	73.9	20.2	20.1
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac													
4	12205.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
5	14646.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
6	17087.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
7	19528.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
8	21969.00	NS	NS	-	-	-	-	-	-	-	73.9	-	-
9	24410.00	44.9	45.2	38.5	30.2	8.0	0.0	-	51.7	52.0	73.9	22.2	21.9

AV VALUE

(RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	Dwell Factor [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 + Dwell time factor													
1	4882.00	50.8	49.1	31.8	31.4	3.7	0.9	-29.3	26.5	24.8	53.9	27.4	29.1
2	7323.00	40.8	41.2	36.1	32.0	4.7	0.9	-29.3	21.2	21.6	53.9	32.7	32.3
3	9764.00	41.2	41.3	38.6	32.7	5.4	1.2	-29.3	24.4	24.5	53.9	29.5	29.4
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac + Dwell time factor													
4	12205.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
5	14646.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
6	17087.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
7	19528.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
8	21969.00	NS	NS	-	-	-	-	-29.3	-	-	53.9	-	-
9	24410.00	44.9	45.2	38.5	30.2	8.0	0.0	-29.3	22.4	22.7	53.9	31.5	31.2

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.

*Dwell time factor = 20log (Dwell time / 100ms) = 20log (3.417*10^-3 / 100*10^-3) = -29.3 dB (Refer to dwell time data sheet)

*In the frequency over the 3th harmonic, the noise from the EUT was not seen.The data above is its base noise.

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

*NS: Non Signal

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Radiated Spurious Emission (above 1GHz)
(Reference Data, EUT: Stand Alone)
3DH5, Tx, Ch: High

		UL Japan, Inc.	
		Head Office EMC Lab. No.3 Semi Anechoic Chamber	
Company	: Sony Computer Entertainment Inc.	Regulation	: FCC15.247(d) / RSS-210 A8.5
Equipment	: Handheld Entertainment System	Test Distance	: 3m
Model	: PSP-N1001	Date	: 05/25/2009
S/N:	: 0000610	Temperature	: 23deg.C.
Power	: AC 120V / 60Hz	Humidity	: 55%
Mode	: BT, 3DH5, Tx 2480MHz	Engineer	: Takayuki Shimada
Position	: H: Z-axis, V: Z-axis		

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	2483.50	52.2	47.9	27.3	32.2	2.8	0.0	-	50.1	45.8	73.9	23.8	28.1
2	4960.00	44.3	44.8	31.9	31.4	3.7	0.9	-	49.4	49.9	73.9	24.5	24.0
3	7440.00	40.8	40.9	36.3	32.0	4.7	0.9	-	50.7	50.8	73.9	23.2	23.1
4	9920.00	41.6	41.4	38.9	32.7	5.5	1.3	-	54.6	54.4	73.9	19.3	19.5

AV VALUE (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	Dwell Factor [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 + Dwell time factor													
1	2483.50	52.2	47.9	27.3	32.2	2.8	0.0	-29.3	20.8	16.5	53.9	33.1	37.4
2	4960.00	44.3	44.8	31.9	31.4	3.7	0.9	-29.3	20.1	20.6	53.9	33.8	33.3
3	7440.00	40.8	40.9	36.3	32.0	4.7	0.9	-29.3	21.4	21.5	53.9	32.5	32.4
4	9920.00	41.6	41.4	38.9	32.7	5.5	1.3	-29.3	25.3	25.1	53.9	28.6	28.8

**Reference data(Refer to next page(Dwell time factor relaxation sheet))

*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.

*Dwell time factor = $20\log(\text{Dwell time} / 100\text{ms}) = 20\log(3.417 \times 10^{-3} / 100 \times 10^{-3}) = -29.3 \text{ dB}$ (Refer to dwell time data sheet)

*In the frequency over the 3th harmonic, the noise from the EUT was not seen. The data above is its base noise.

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

Radiated Spurious Emission (above 1GHz)
(Reference Data, EUT: Stand Alone)
Rx, Ch: Mid

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

Company : Sony Computer Entertainment Inc. Regulation : FCC15.247(d) / RSS-210 A8.5
Equipment : Handheld Entertainment System Test Distance : 3m
Model : PSP-N1001 Date : 05/25/2009
S/N: : 0000610 Temperature : 23deg.C.
Power : AC 120V / 60Hz Humidity : 55%
Mode : BT, Rx 2441MHz Engineer : Takayuki Shimada
Position : H: Z-axis, V: Z-axis

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]		[dB]									
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	2441.00	40.6	40.6	27.2	32.3	2.8	0.0	38.3	38.3	73.9	35.6	35.6	
2	2442.53	44.7	43.1	27.2	32.3	2.8	0.0	42.4	40.8	73.9	31.5	33.1	
3	4882.00	38.5	38.7	31.8	31.4	3.4	0.0	42.3	42.5	73.9	31.6	31.4	
4	7323.00	39.4	39.6	36.1	32.0	4.2	0.0	47.7	47.9	73.9	26.2	26.0	

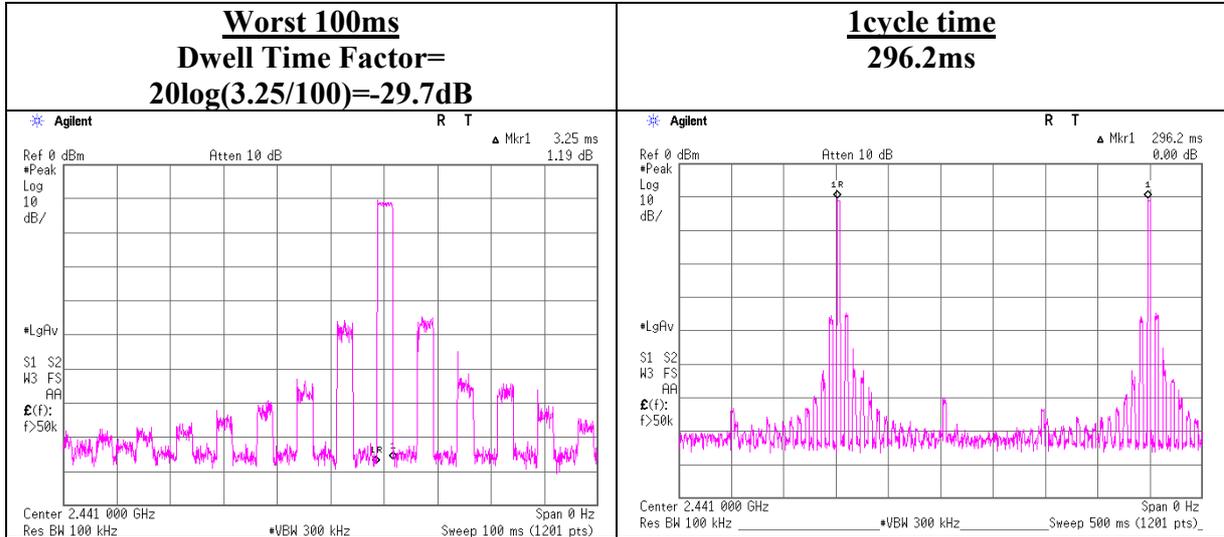
AV DETECT (RBW: 1MHz, VBW: 10Hz)

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]		[dB]									
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss													
1	2441.00	27.5	27.5	27.2	32.3	2.8	0.0	25.2	25.2	53.9	28.7	28.7	
2	2442.53	35.2	32.7	27.2	32.3	2.8	0.0	32.9	30.4	53.9	21.0	23.5	
3	4882.00	25.4	25.4	31.8	31.4	3.4	0.0	29.2	29.2	53.9	24.7	24.7	
4	7323.00	26.2	26.2	36.1	32.0	4.2	0.0	34.5	34.5	53.9	19.4	19.4	

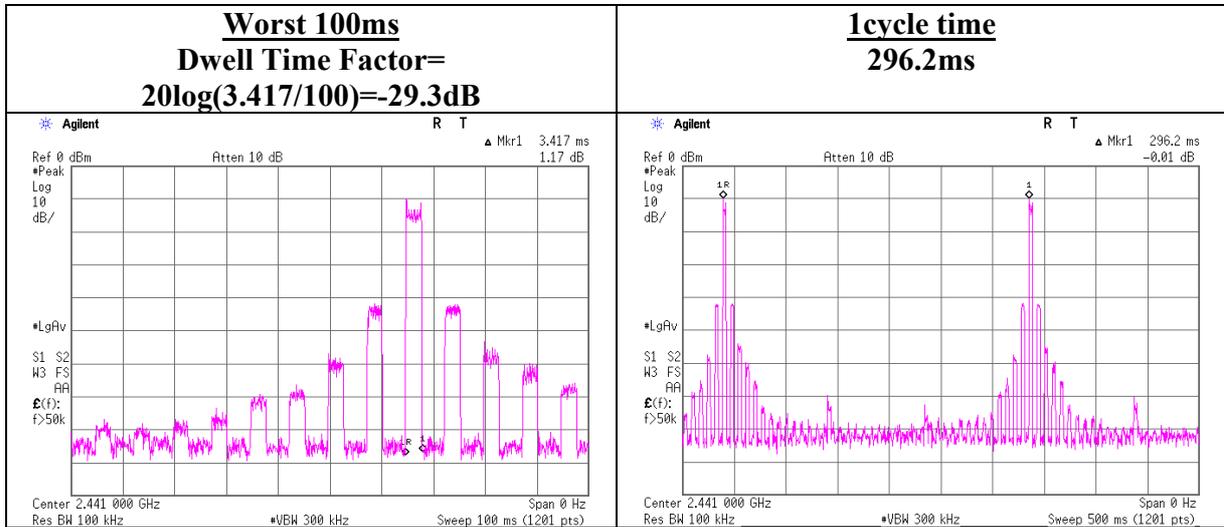
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.

Dwell time factor

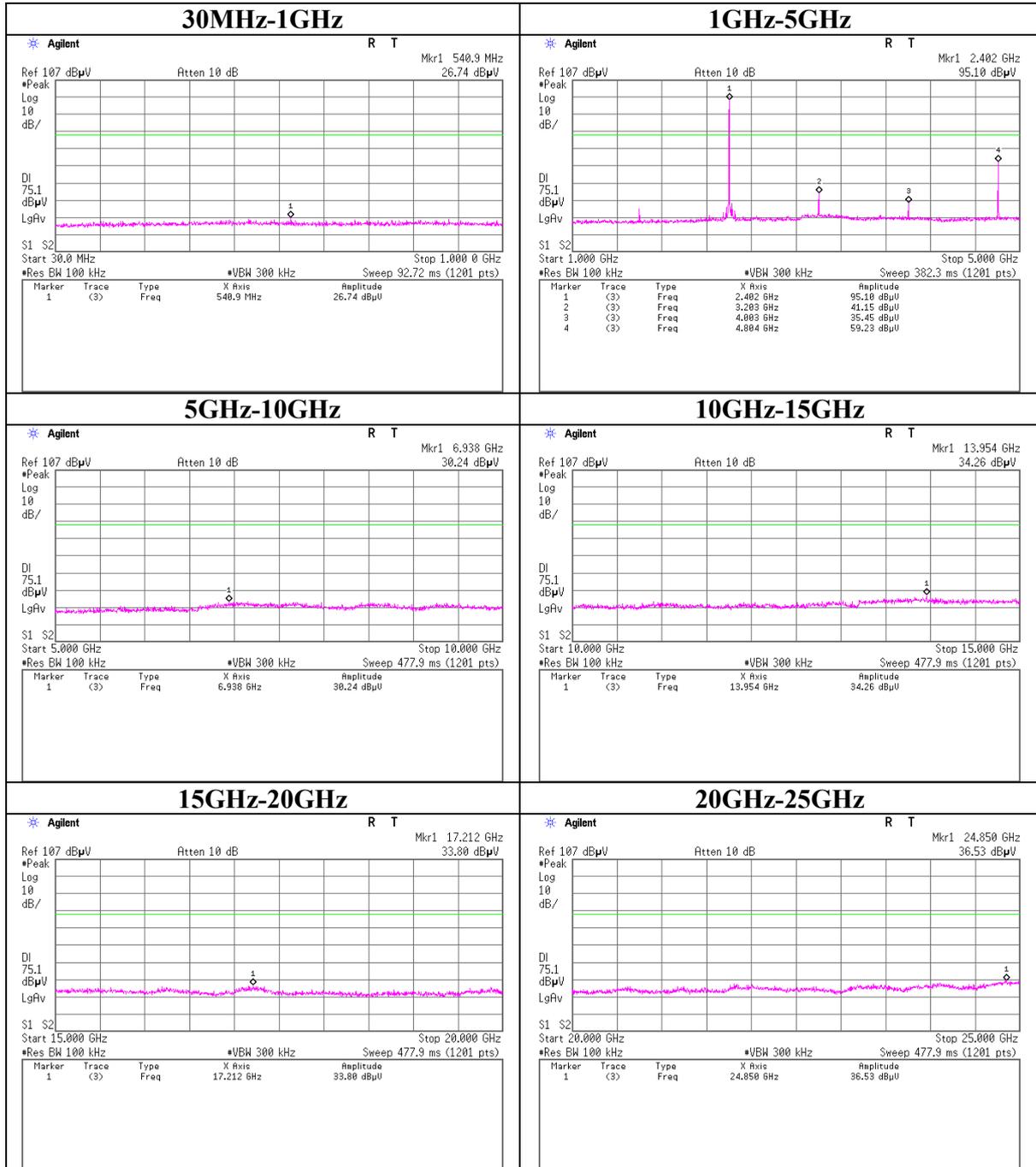
DH5



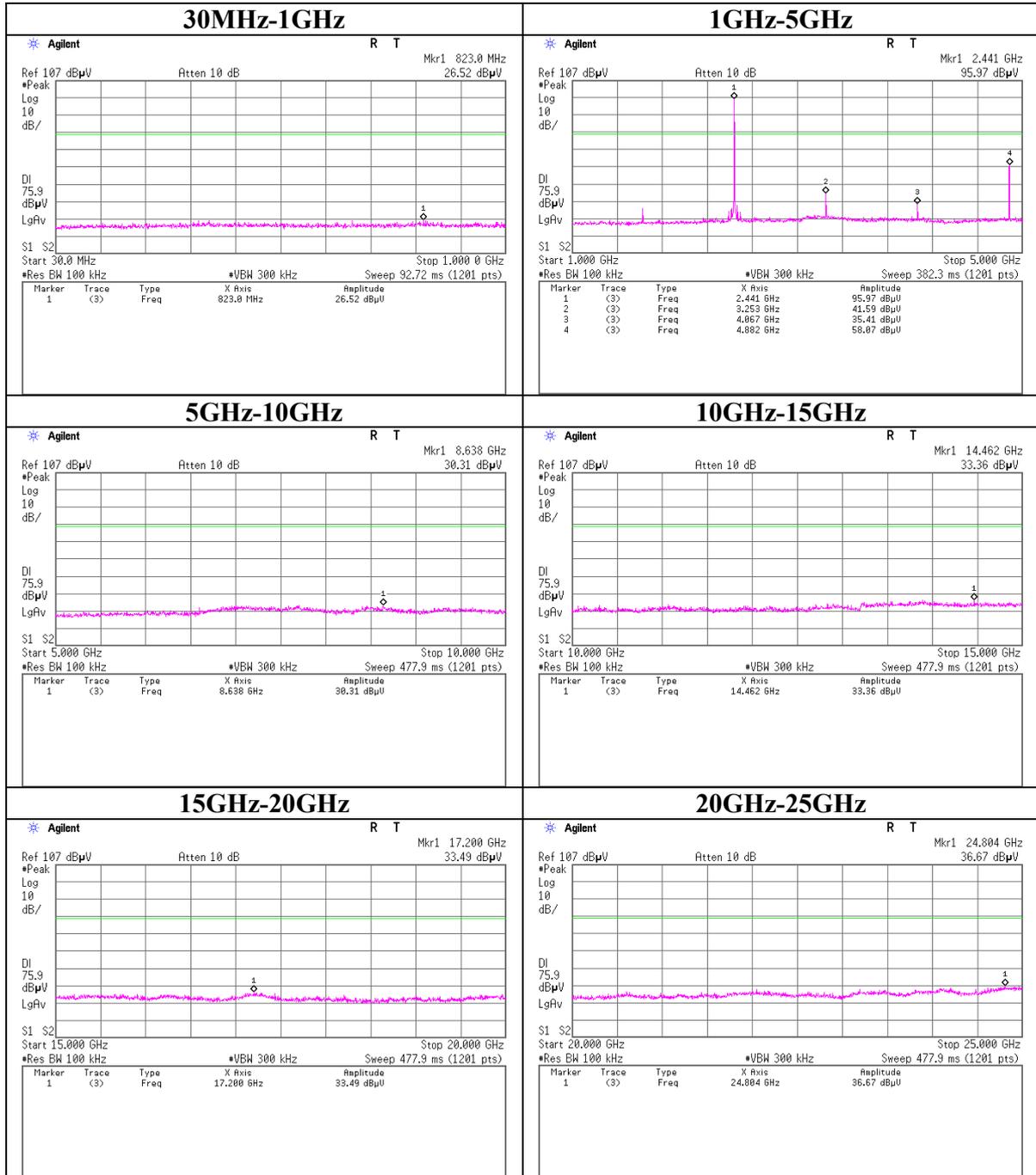
3DH5



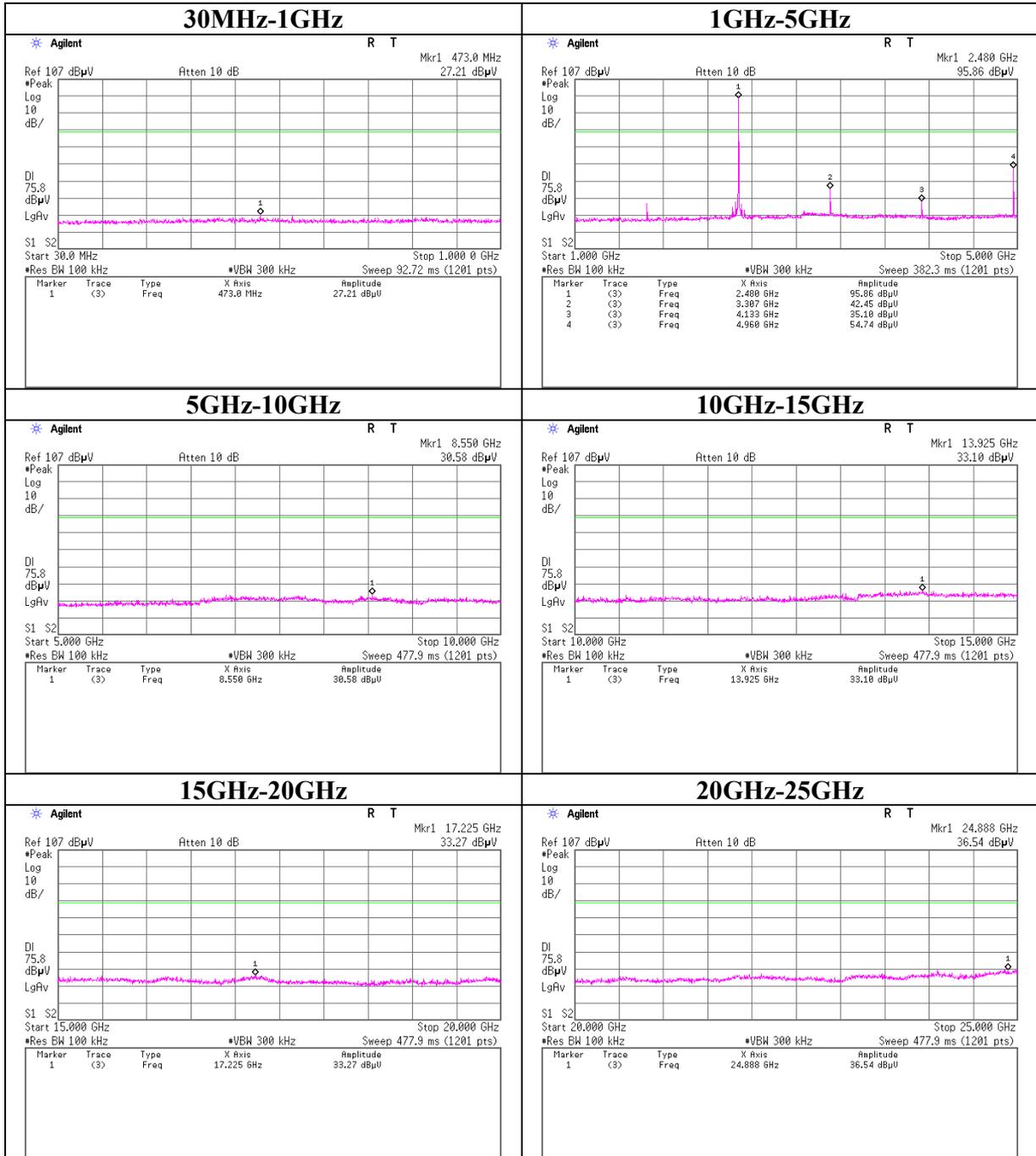
Conducted Spurious Emission
DH5, Tx, Ch: Low



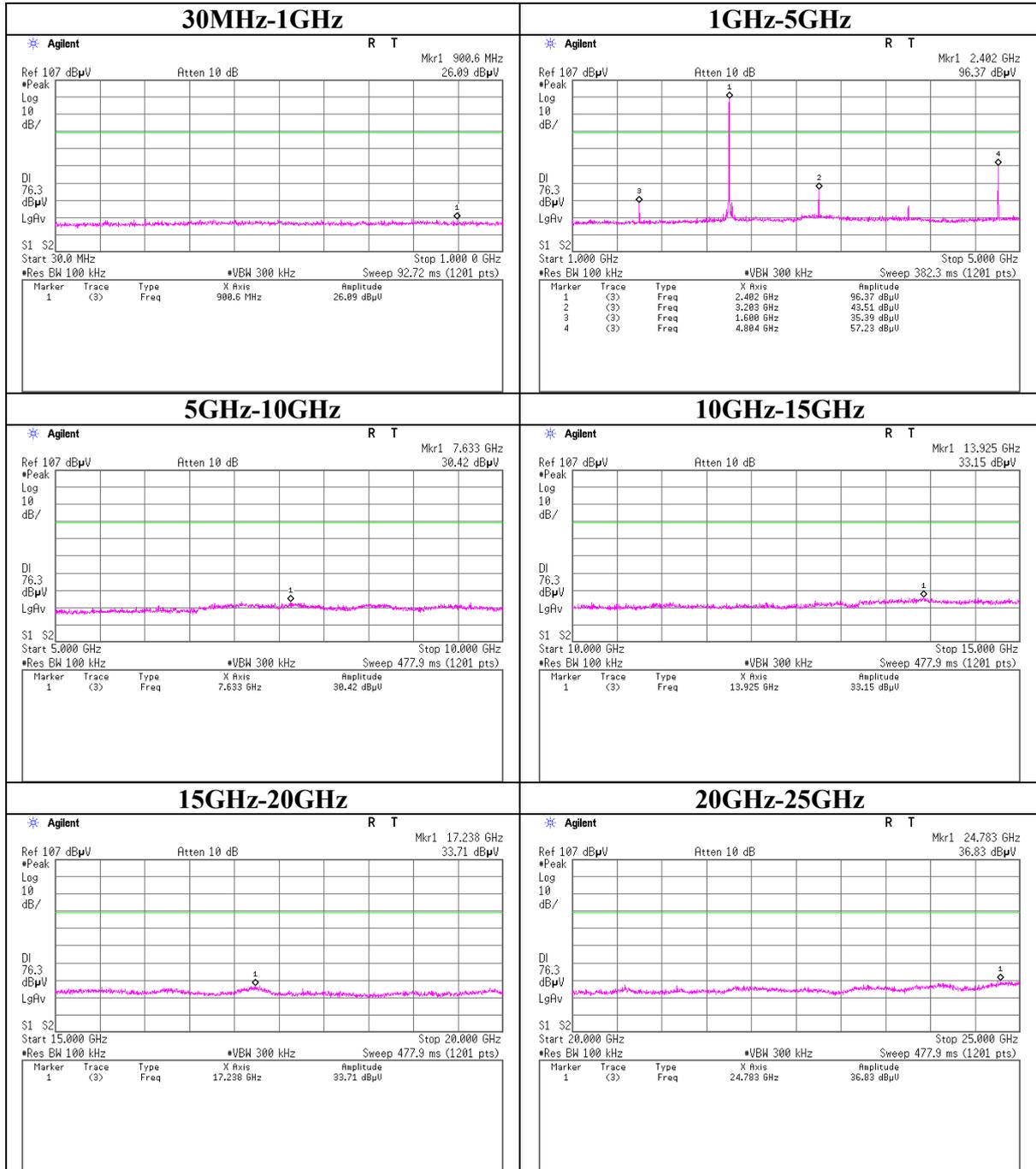
Conducted Spurious Emission
DH5, Tx, Ch: Mid



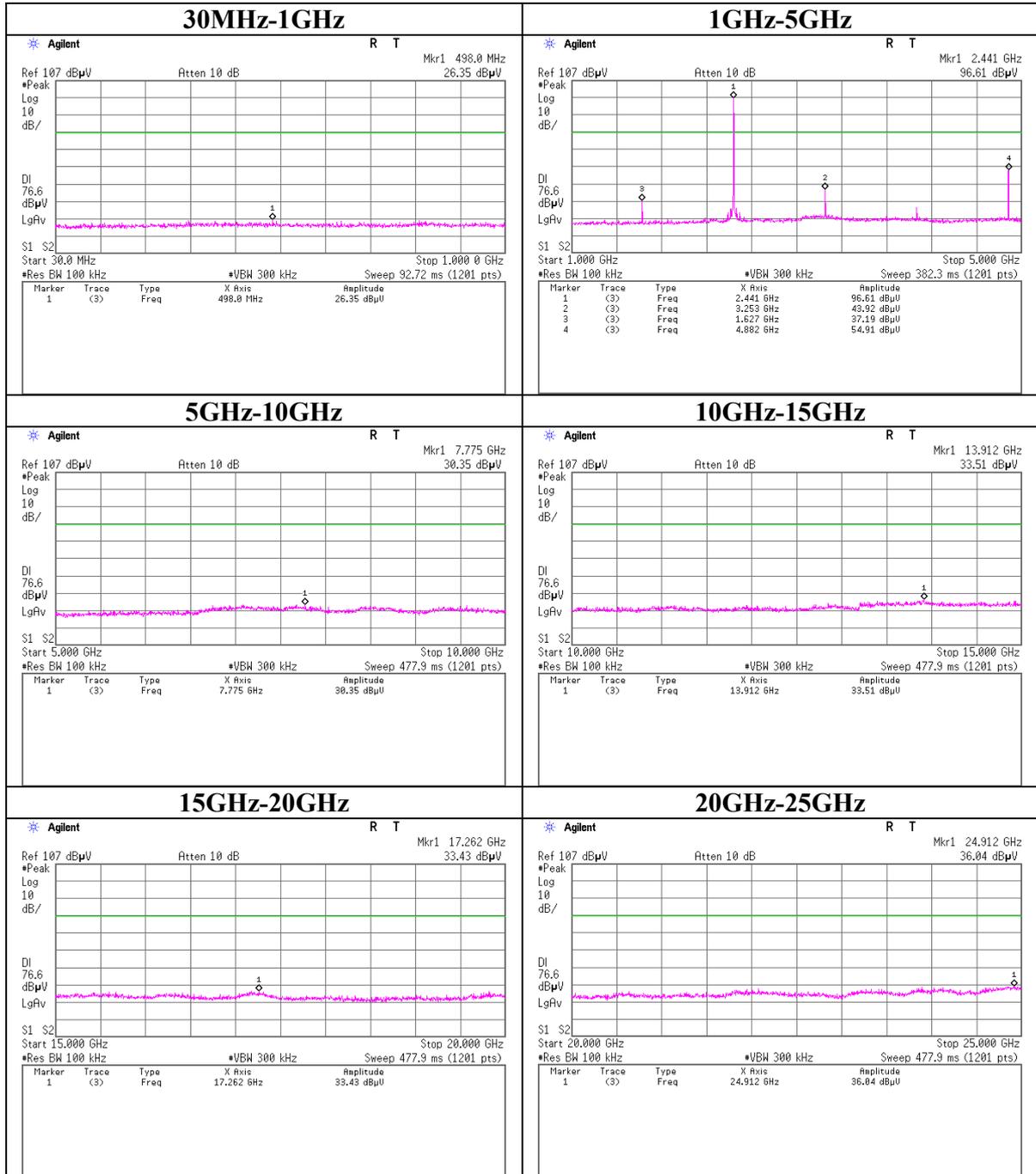
Conducted Spurious Emission
DH5, Tx, Ch: High



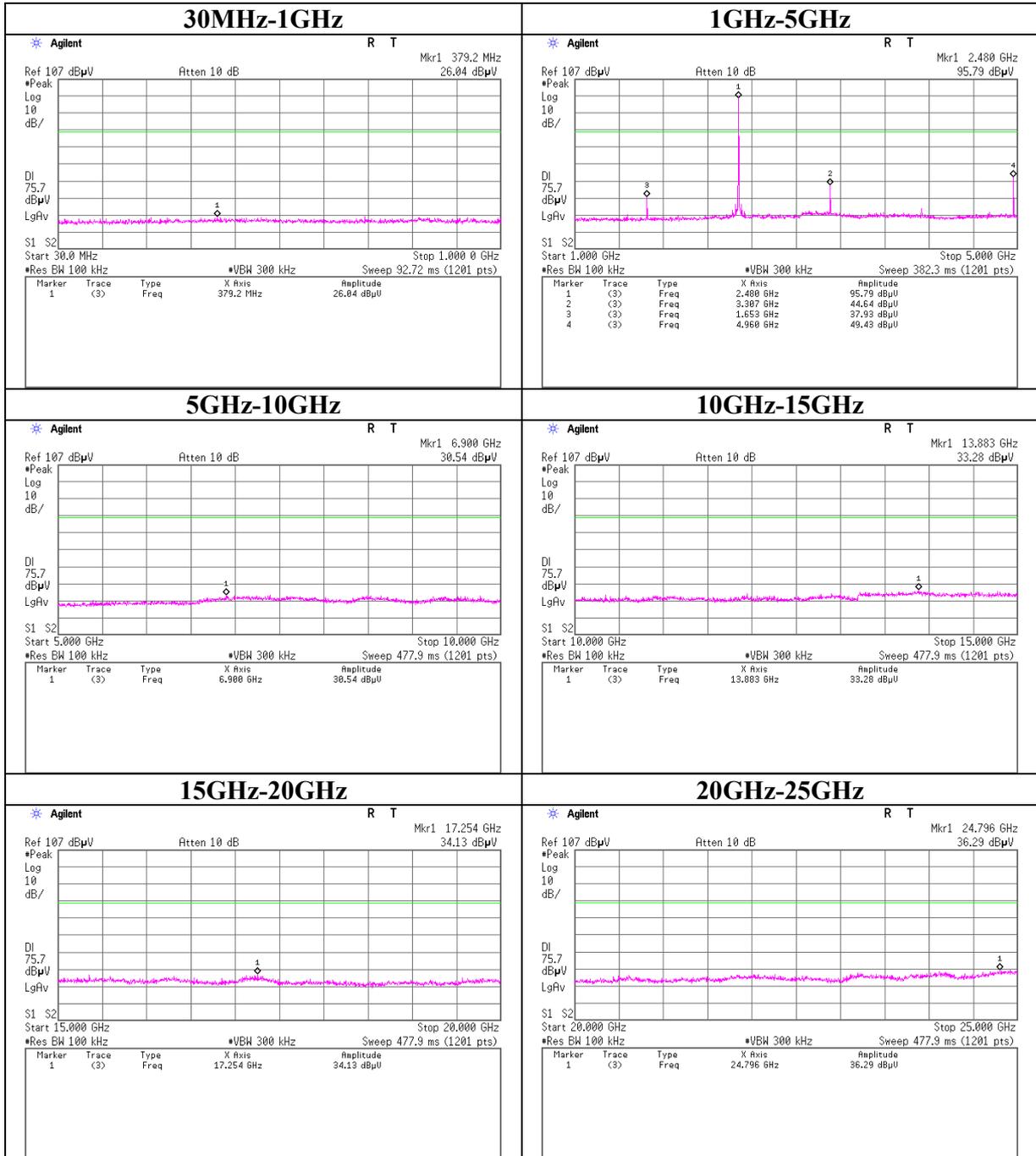
Conducted Spurious Emission
3DH5, Tx, Ch: Low



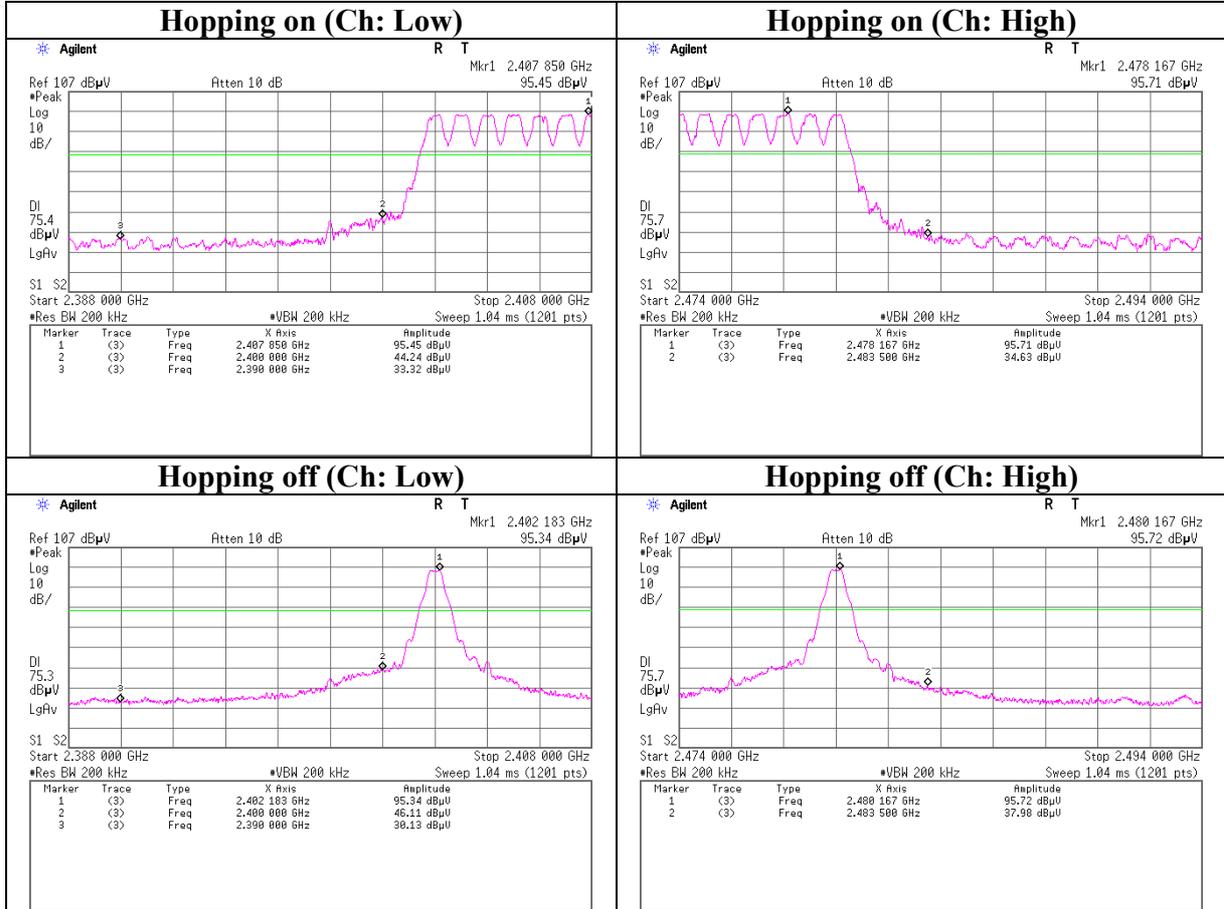
Conducted Spurious Emission
3DH5, Tx, Ch: Mid



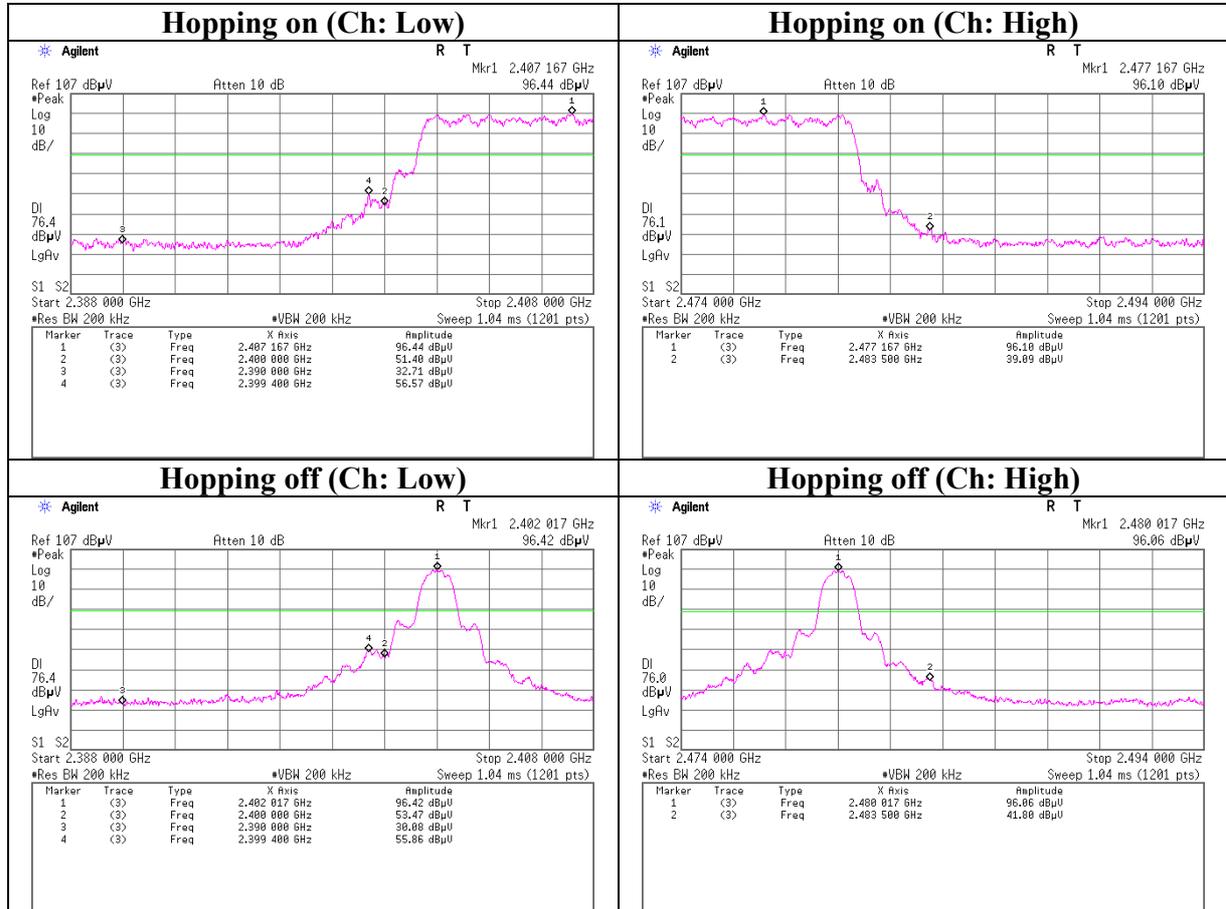
Conducted Spurious Emission
3DH5, Tx, Ch: High



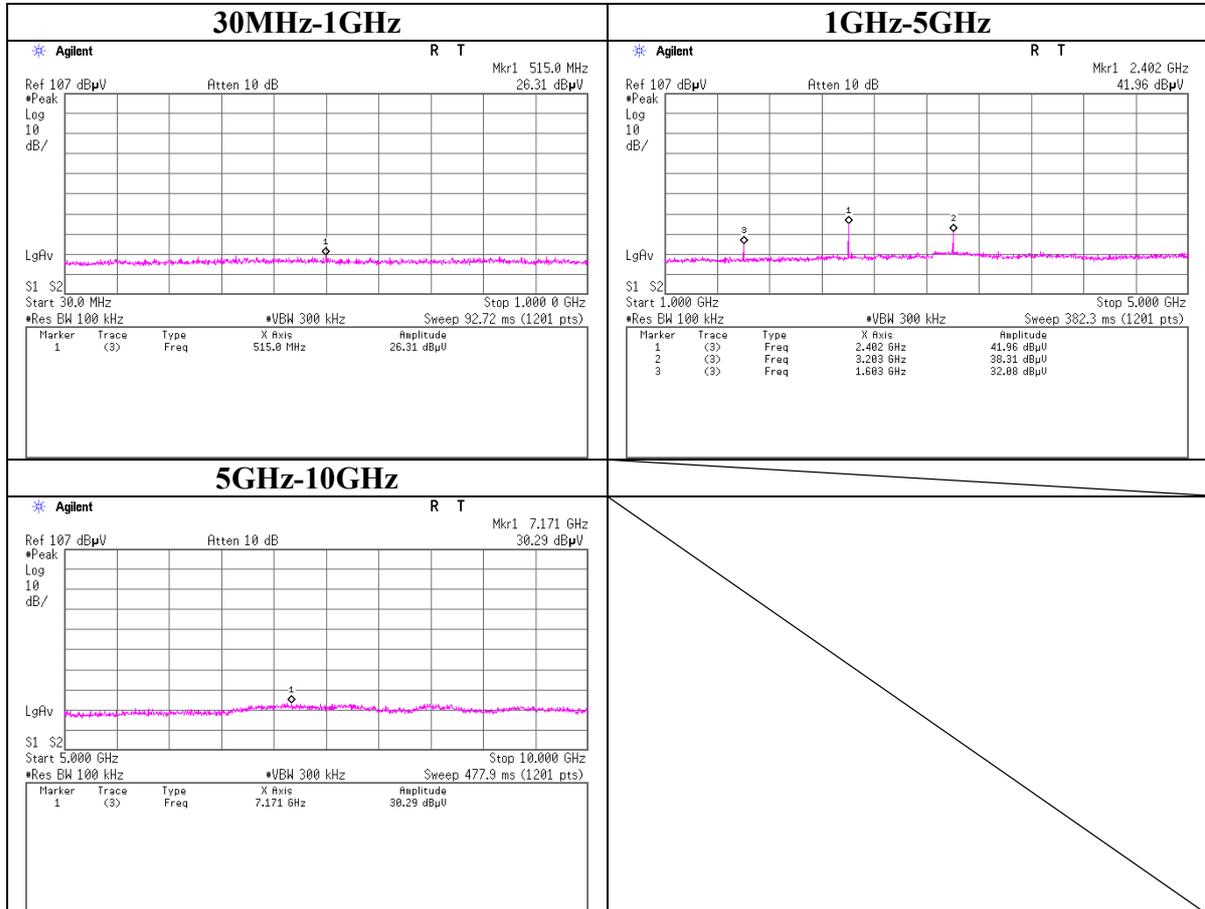
Conducted Spurious Emission
DH5, Band Edge compliance



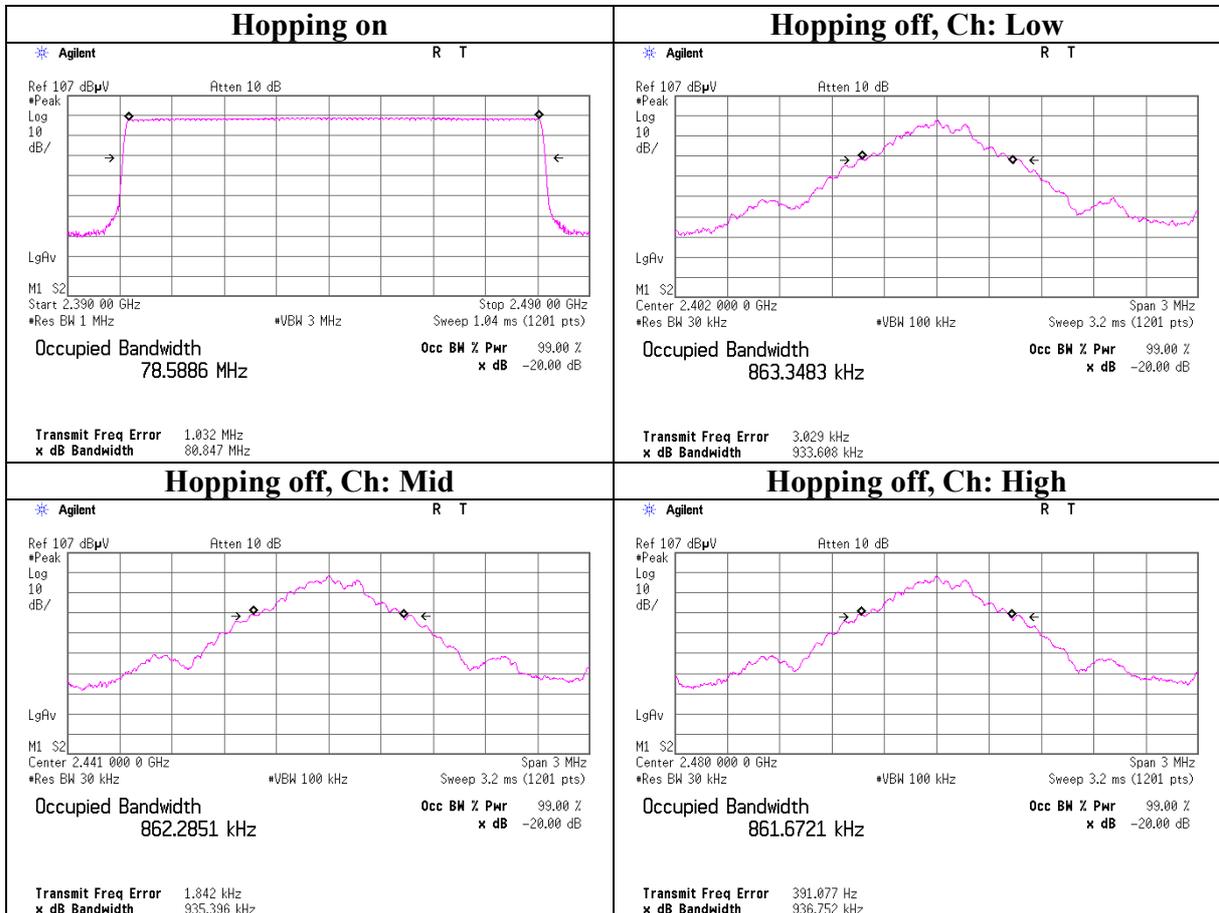
Conducted Spurious Emission
3DH5, Band Edge compliance



Conducted Spurious Emission
Rx, Ch: Mid

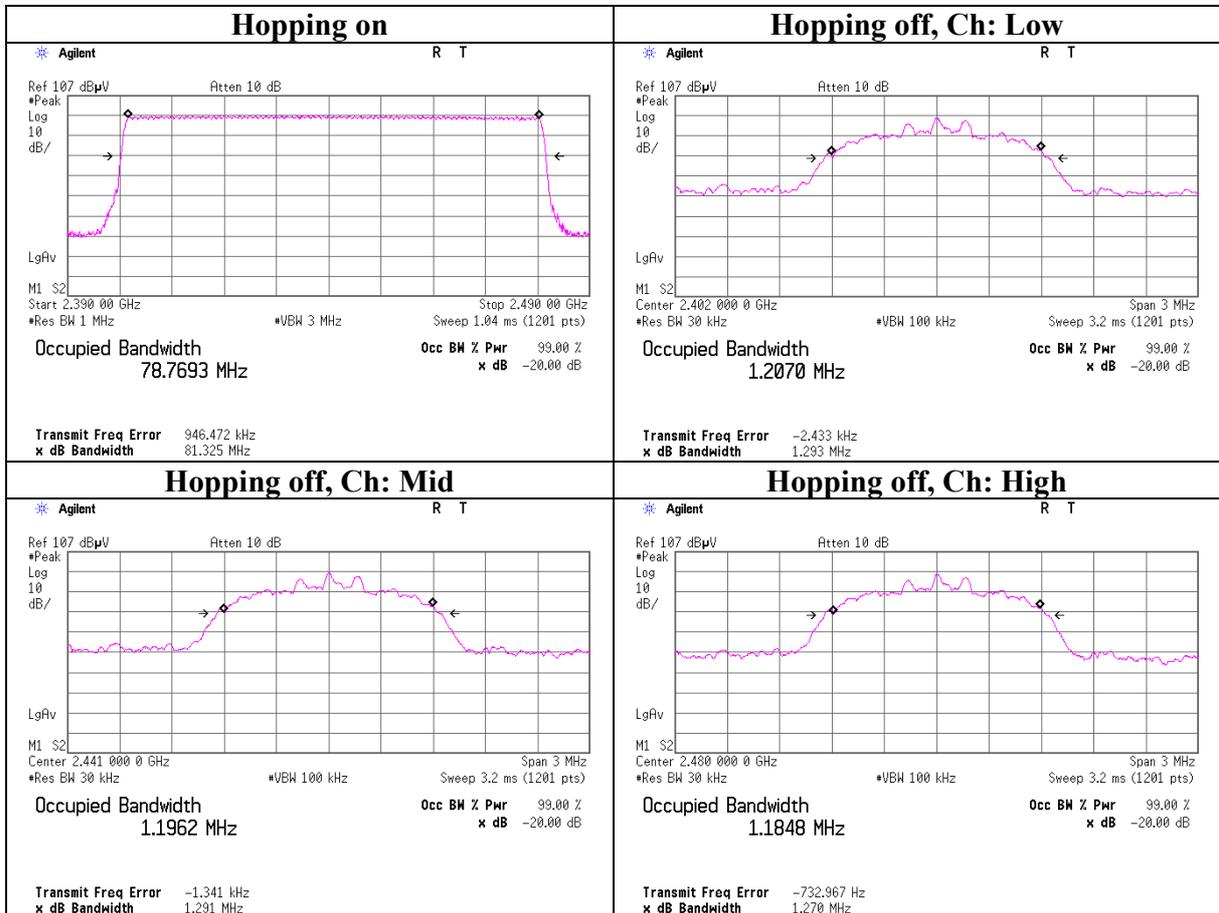


99% Occupied Bandwidth
DH5



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

99% Occupied Bandwidth
3DH5



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

APPENDIX 3: Test instruments

EMI test equipment (1/2)

Control No.	Instrument	Manufacturer	Model No	Serial No	Test Item	Calibration Date * Interval(month)
MOS-12	Thermo-Hygrometer	Custom	CTH-180	-	AT	2009/01/13 * 12
MSA-03	Spectrum Analyzer	Agilent	E4448A	MY44020357	AT	2008/11/07 * 12
MCC-67	Microwave Cable 1G-40GHz	Schner	SUCOFLEX102	28635/2	AT	2008/04/04 * 12
MAT-22	Attenuator(10dB) DC-18GHz	Orient Microwave	BX10-0476-00	-	AT	2008/03/04 * 12
MPM-12	Power Meter	Anritsu	ML2495A	0825002	AT	2008/08/13 * 12
MPSE-17	Power sensor	Anritsu	MA2411B	0738285	AT	2008/08/13 * 12
MAEC-02	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-06902	RE/CE	2008/04/17 * 12
MOS-22	Thermo-Hygrometer	Custom	CTH-201	0003	RE/CE	2009/02/05 * 12
MJM-05	Measure	PROMART	SEN1955	-	RE/CE	-
MRENT-62	Spectrum Analyzer	Agilent	E4448A	MY46180856	RE/CE	2008/11/25 * 12
MHA-06	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	254	RE	2009/01/31 * 12
MCC-47	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	295123(5m) / 287573(1m)	RE	2008/11/27 * 12
MPA-10	Pre Amplifier	Agilent	8449B	3008A02142	RE	2008/09/17 * 12
MCC-77	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	278942/4	RE	2008/12/17 * 12
MHF-18	High Pass Filter 3.5-18.0GHz	TOKIMEC	TF323DCA	7002	RE	2008/12/16 * 12
MAEC-03	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	RE	2009/02/02 * 12
MOS-13	Thermo-Hygrometer	Custom	CTH-180	-	RE	2009/02/06 * 12
MJM-06	Measure	PROMART	SEN1955	-	RE	-
COTS-MEMI	EMI measurement program	TSJ	TEPTO-DV	-	RE/CE	-
MSA-09	Spectrum Analyzer	Advantest	R3273	95090115	RE	2008/12/24 * 12
MTR-08	Test Receiver	Rohde & Schwarz	ESCI	100767	RE	2008/06/12 * 12
MBA-03	Biconical Antenna	Schwarzbeck	BBA9106	1915	RE	2009/01/19 * 12
MLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	174	RE	2009/01/10 * 12
MCC-51	Coaxial cable	UL Japan	-	-	RE	2008/07/18 * 12
MAT-30	Attenuator(6dB)	TME	UFA-01	-	RE	2009/03/02 * 12
MPA-13	Pre Amplifier	SONOMA INSTRUMENT	310	260834	RE	2009/03/18 * 12
MHA-20	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	258	RE	2008/04/23 * 12
MCC-56	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	174410(1m) / 284655(5m)	RE	2009/01/07 * 12
MPA-11	MicroWave System Amplifier	Agilent	83017A	MY39500779	RE	2009/03/19 * 12
MHA-16	Horn Antenna 15-40GHz	Schwarzbeck	BBHA9170	BBHA9170306	RE	2008/04/30 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	US44300523	RE	2008/08/18 * 12
MTR-03	Test Receiver	Rohde & Schwarz	ESCI	100300	CE	2008/04/02 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	8127363	CE(EUT)	2009/02/18 * 12
MCC-13	Coaxial Cable	Fujikura/Agilent	-	-	CE	2009/02/16 * 12

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EMI test equipment (2/2)

Control No.	Instrument	Manufacturer	Model No	Serial No	Test Item	Calibration Date * Interval(month)
MAT-09	Attenuator(6dB)	Weinschel Corp	2	BK7973	RE	2008/11/14 * 12
MCC-78	Microwave Cable 1G- 26.5GHz	Suhner	SUCOFLEX104	278993/4	RE	2008/12/17 * 12
MHF-19	High Pass Filter 3.5- 18.0GHz	TOKIMEC	TF323DCA	602	RE	2008/12/16 * 12
MSA-10	Spectrum Analyzer	Agilent	E4448A	MY46180655	RE	2009/02/25 * 12

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

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

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

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

UL Japan, Inc.

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