APPENDIX 2: Data of EMI test

Conducted Emission
(Power Supply: SONY)
DH5, Tx, Ch: Low

DATA OF CONDUCTED EMISSION TEST

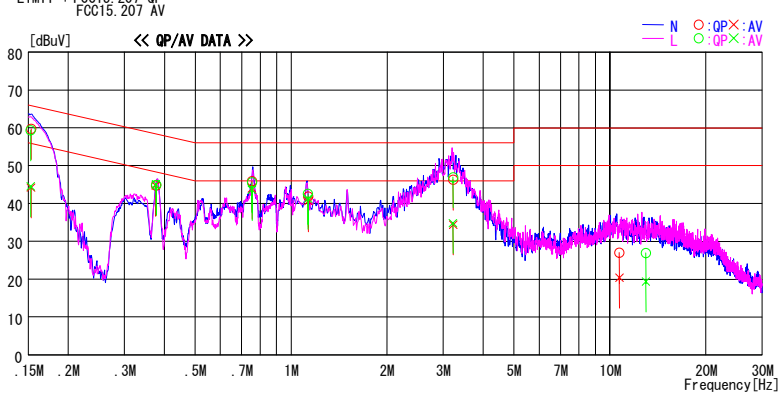
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company : Sand Dollar Enterprise, Inc.
Kind of EUT : Computer Entertainment System
Model No. : CECH-2001A
Serial No. : 1200162

Report No. : 29GE0205-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 19deg.C. / 41%
Engineer : Kazufumi Nakai

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

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency	Reading Level		Corr	Results		Limit		Margin		Phase	Comment
	QP	AV	Factor	QP	AV	QP	AV	QP	AV		
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
0.15285	59.4	43.9	0.3	59.7	44.2	65.8	55.8	6.1	11.6	N	
0.37622	44.5	44.4	0.3	44.8	44.7	58.4	48.4	13.6	3.7	N	
0.75382	45.6	43.7	0.3	45.9	44.0	56.0	46.0	10.1	2.0	N	
1.13254	41.5	40.2	0.4	41.9	40.6	56.0	46.0	14.1	5.4	N	
3.22451	45.8	33.9	0.5	46.3	34.4	56.0	46.0	9.7	11.6	N	
10.70395	26.0	19.4	1.0	27.0	20.4	60.0	50.0	33.0	29.6	N	
0.15235	59.0	44.2	0.3	59.3	44.5	65.9	55.9	6.6	11.4	L	
0.37707	44.6	44.8	0.3	44.9	45.1	58.3	48.3	13.4	3.2	L	
0.75342	45.3	43.3	0.3	45.6	43.6	56.0	46.0	10.4	2.4	L	
1.12998	42.1	40.9	0.4	42.5	41.3	56.0	46.0	13.5	4.7	L	
3.21845	46.5	34.3	0.5	47.0	34.8	56.0	46.0	9.0	11.2	L	
12.96854	25.7	18.2	1.2	26.9	19.4	60.0	50.0	33.1	30.6	L	

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.

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

Conducted Emission
(Power Supply: SONY)
DH5, Tx, Ch: Mid

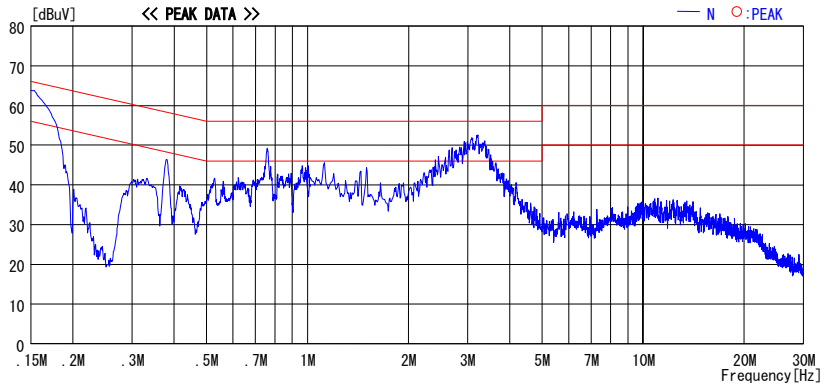
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company	: Sand Dollar Enterprise, Inc.	Report No.	: 29GE0205-HO-01
Kind of EUT	: Computer Entertainment System	Power	: AC 120V / 60Hz
Model No.	: CECH-2001A	Temp./Humi.	: 19deg.C. / 41%
Serial No.	: 1200162	Engineer	: Kazufumi Nakai

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

LIMIT : FCC15.207 QP
FCC15.207 AV



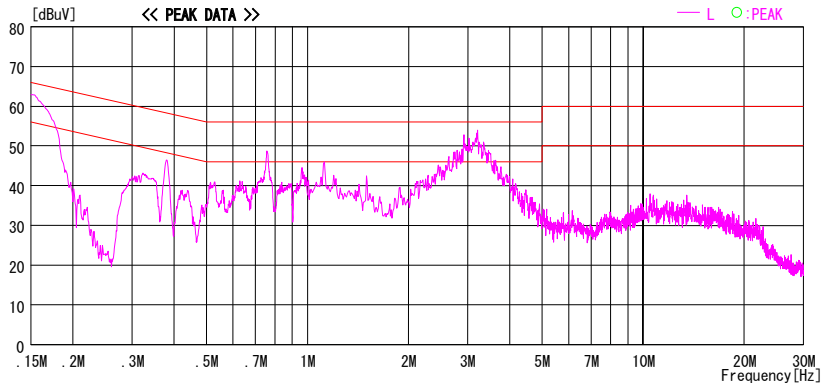


CHART:WITH FACTOR,Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB](LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
(Power Supply: SONY)
DH5, Tx, Ch: High

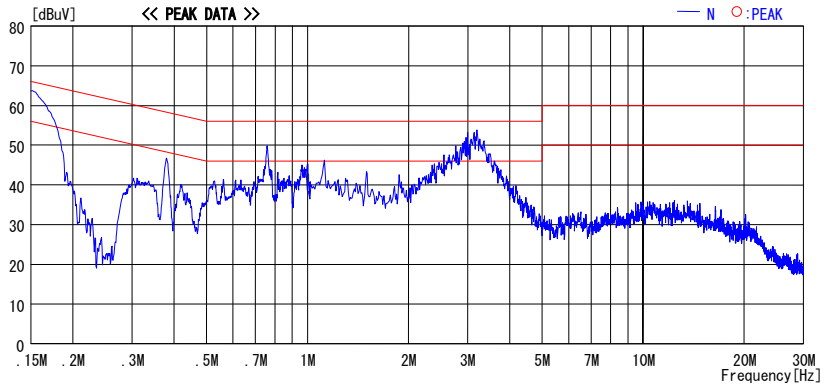
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company	: Sand Dollar Enterprise, Inc.	Report No.	: 29GE0205-HO-01
Kind of EUT	: Computer Entertainment System	Power	: AC 120V / 60Hz
Model No.	: CECH-2001A	Temp./Humi.	: 19deg.C. / 41%
Serial No.	: 1200162	Engineer	: Kazufumi Nakai

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

LIMIT : FCC15.207 QP
FCC15.207 AV



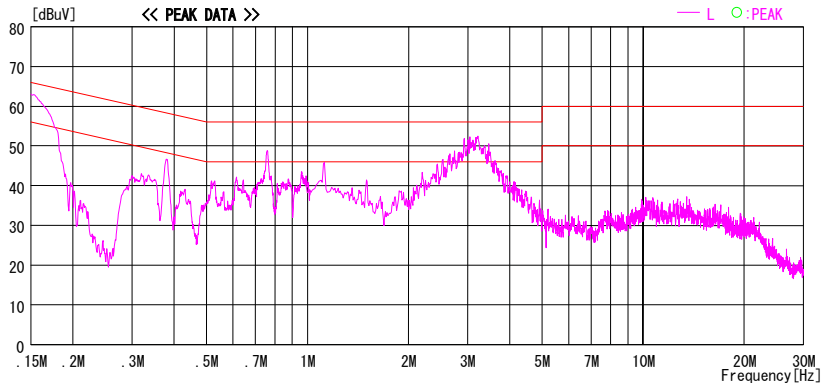


CHART:WITH FACTOR,Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB](LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
(Power Supply: SONY)
3DH5, Tx, Ch: Low

DATA OF CONDUCTED EMISSION TEST

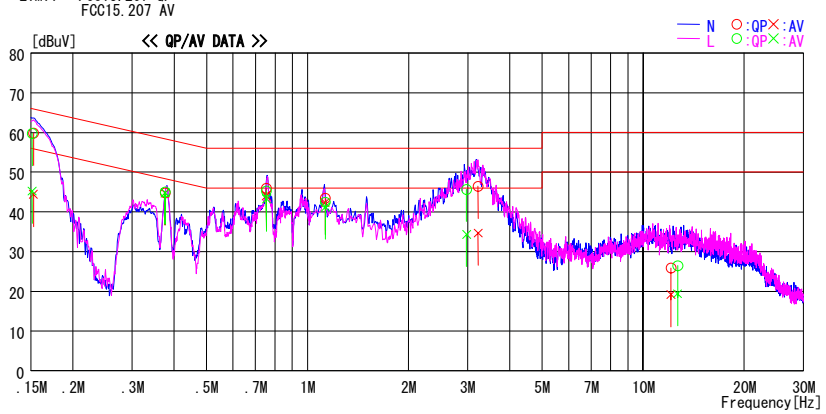
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company : Sand Dollar Enterprise, Inc.
Kind of EUT : Computer Entertainment System
Model No. : CECH-2001A
Serial No. : 1200162

Report No. : 29GE0205-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 19deg.C. / 41%
Engineer : Kazufumi Nakai

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

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency	Reading Level		Corr.	Results		Limit		Margin		Phase	Comment
	QP	AV	Factor	QP	AV	QP	AV	QP	AV		
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
0.15255	59.5	44.1	0.3	59.8	44.4	65.9	55.9	6.1	11.5	N	
0.37615	44.5	44.4	0.3	44.8	44.7	58.4	48.4	13.6	3.7	N	
0.75339	45.6	43.7	0.3	45.9	44.0	56.0	46.0	10.1	2.0	N	
1.12915	43.0	41.9	0.4	43.4	42.3	56.0	46.0	12.6	3.7	N	
3.22285	45.9	34.1	0.5	46.4	34.6	56.0	46.0	9.6	11.4	N	
12.09775	24.7	17.9	1.2	25.9	19.1	60.0	50.0	34.1	30.9	N	
0.15115	59.4	44.9	0.3	59.7	45.2	65.9	55.9	6.2	10.7	L	
0.37662	44.7	44.5	0.3	45.0	44.8	58.4	48.4	13.4	3.6	L	
0.75446	45.0	42.9	0.3	45.3	43.2	56.0	46.0	10.7	2.8	L	
1.12954	42.0	40.8	0.4	42.4	41.2	56.0	46.0	13.6	4.8	L	
2.97714	45.2	33.8	0.5	45.7	34.3	56.0	46.0	10.3	11.7	L	
12.67345	25.2	18.2	1.2	26.4	19.4	60.0	50.0	33.6	30.6	L	

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.

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

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Conducted Emission
(Power Supply: SONY)
3DH5, Tx, Ch: Mid

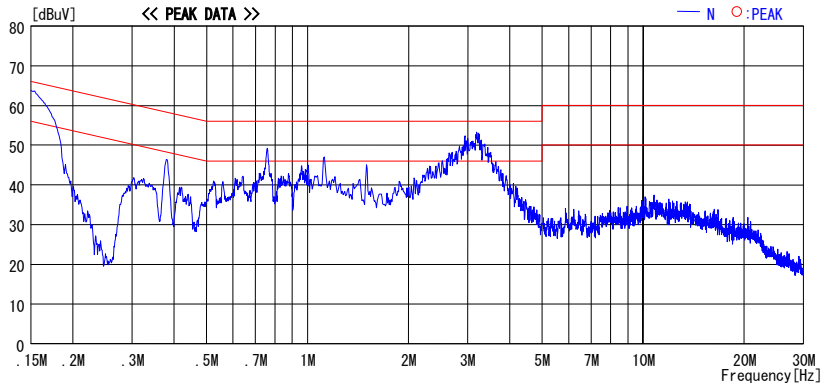
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company	: Sand Dollar Enterprise, Inc.	Report No.	: 29GE0205-HO-01
Kind of EUT	: Computer Entertainment System	Power	: AC 120V / 60Hz
Model No.	: CECH-2001A	Temp./Humi.	: 19deg.C. / 41%
Serial No.	: 1200162	Engineer	: Kazufumi Nakai

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

LIMIT : FCC15.207 QP
FCC15.207 AV



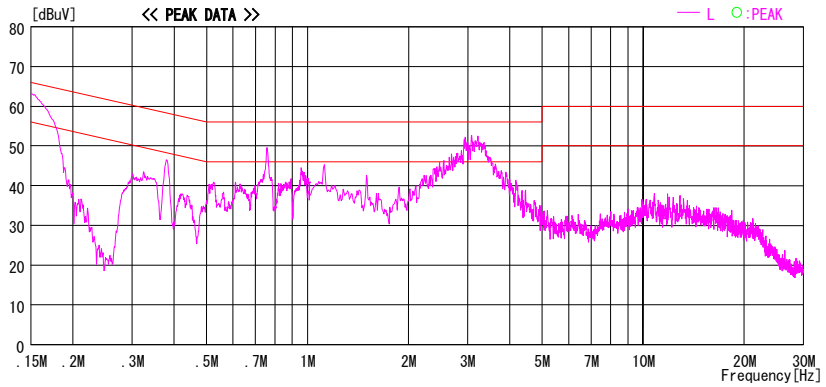


CHART:WITH FACTOR,Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB](LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
(Power Supply: SONY)
3DH5, Tx, Ch: High

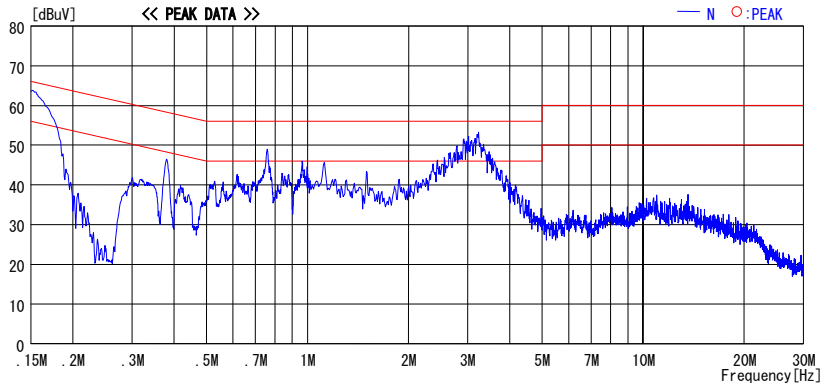
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company	: Sand Dollar Enterprise, Inc.	Report No.	: 29GE0205-HO-01
Kind of EUT	: Computer Entertainment System	Power	: AC 120V / 60Hz
Model No.	: CECH-2001A	Temp./Humi.	: 19deg.C. / 41%
Serial No.	: 1200162	Engineer	: Kazufumi Nakai

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

LIMIT : FCC15.207 QP
FCC15.207 AV



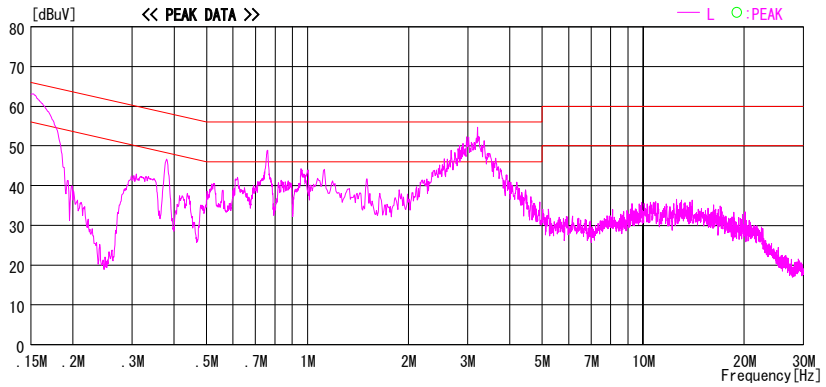


CHART:WITH FACTOR,Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB](LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

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Conducted Emission
(Power Supply: SONY)
Rx, Ch: Mid

DATA OF CONDUCTED EMISSION TEST

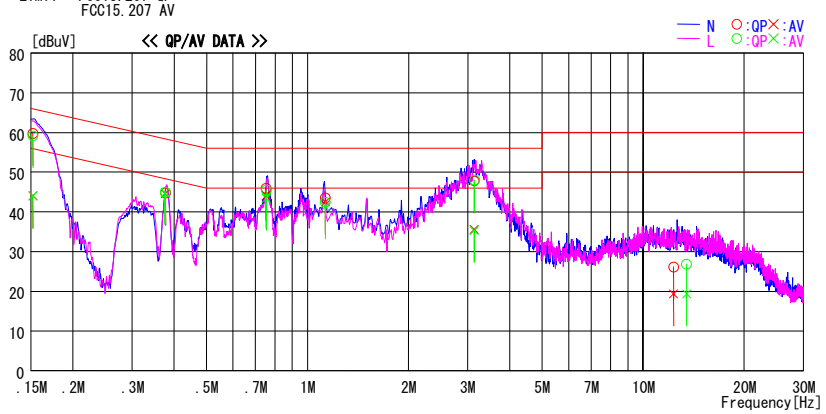
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company : Sand Dollar Enterprise, Inc.
Kind of EUT : Computer Entertainment System
Model No. : CECH-2001A
Serial No. : 1200162

Report No. : 29GE0205-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 19deg.C. / 41%
Engineer : Kazufumi Nakai

Mode / Remarks : BT, Rx, 2441MHz

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency	Reading Level		Corr.	Results		Limit		Margin		Phase	Comment
	QP	AV	Factor	QP	AV	QP	AV	QP	AV		
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
0.15205	59.4	43.7	0.3	59.7	44.0	65.9	55.9	6.2	11.9	N	
0.37694	44.5	44.3	0.3	44.8	44.6	58.3	48.3	13.5	3.7	N	
0.75304	45.6	43.7	0.3	45.9	44.0	56.0	46.0	10.1	2.0	N	
1.13006	43.1	42.1	0.4	43.5	42.5	56.0	46.0	12.5	3.5	N	
3.13905	47.3	35.0	0.5	47.8	35.5	56.0	46.0	8.2	10.5	N	
12.31865	24.9	18.1	1.2	26.1	19.3	60.0	50.0	33.9	30.7	N	
0.15205	58.9	43.7	0.3	59.2	44.0	65.9	55.9	6.7	11.9	L	
0.37619	44.6	44.5	0.3	44.9	44.8	58.4	48.4	13.5	3.6	L	
0.75418	45.2	43.1	0.3	45.5	43.4	56.0	46.0	10.5	2.6	L	
1.13012	42.0	40.9	0.4	42.4	41.3	56.0	46.0	13.6	4.7	L	
3.14132	47.5	34.8	0.5	48.0	35.3	56.0	46.0	8.0	10.7	L	
13.46510	25.5	18.0	1.3	26.8	19.3	60.0	50.0	33.2	30.7	L	

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.

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Conducted Emission
(Power Supply: DELTA)
DH5, Tx, Ch: Low

DATA OF CONDUCTED EMISSION TEST

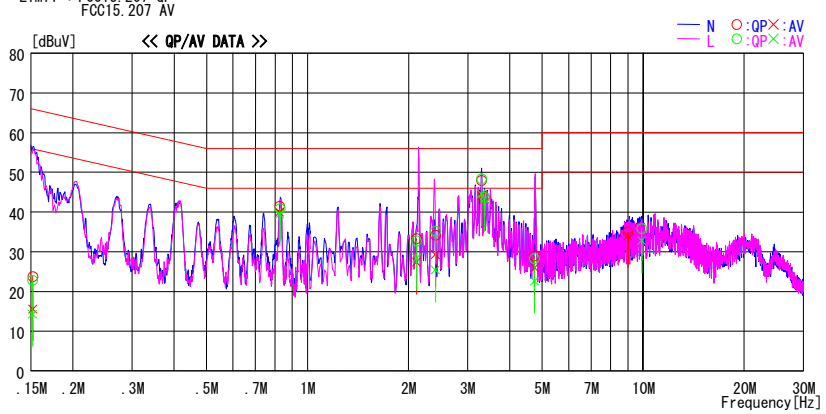
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company : Sand Dollar Enterprise, Inc.
Kind of EUT : Computer Entertainment System
Model No. : CECH-2001A
Serial No. : 1200168

Report No. : 29GE0205-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 19deg.C. / 41%
Engineer : Kazufumi Nakai

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

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency	Reading Level		Corr.	Results		Limit		Margin		Phase	Comment
	QP	AV	Factor	QP	AV	QP	AV	QP	AV		
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
0.15184	23.5	15.3	0.3	23.8	15.6	65.9	55.9	42.1	40.3	N	
0.82532	41.2	39.7	0.3	41.5	40.0	56.0	46.0	14.5	6.0	N	
2.11353	32.9	27.0	0.4	33.3	27.4	56.0	46.0	22.7	18.6	N	
2.40750	33.8	28.9	0.4	34.2	29.3	56.0	46.0	21.8	16.7	N	
3.29901	47.5	43.7	0.5	48.0	44.2	56.0	46.0	8.0	1.8	N	
3.36801	43.3	42.8	0.5	43.8	43.3	56.0	46.0	12.2	2.7	N	
4.74421	28.4	25.4	0.6	29.0	26.0	56.0	46.0	27.0	20.0	N	
9.00452	34.1	33.0	1.0	35.1	34.0	60.0	50.0	24.9	16.0	N	
0.15150	22.5	14.0	0.3	22.8	14.3	65.9	55.9	43.1	41.6	L	
0.82685	40.5	39.2	0.3	40.8	39.5	56.0	46.0	15.2	6.5	L	
2.11542	32.3	28.0	0.4	32.7	28.4	56.0	46.0	23.3	17.6	L	
2.40532	34.8	25.0	0.4	35.2	25.4	56.0	46.0	20.8	20.6	L	
3.29963	47.9	44.1	0.5	48.4	44.6	56.0	46.0	7.6	1.4	L	
3.36906	43.2	42.8	0.5	43.7	43.3	56.0	46.0	12.3	2.7	L	
4.74221	27.7	22.0	0.6	28.3	22.6	56.0	46.0	27.7	23.4	L	
9.89935	34.8	31.8	1.0	35.8	32.8	60.0	50.0	24.2	17.2	L	

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.

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

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Telephone : +81 596 24 8116
Facsimile : +81 596 24 8124

Conducted Emission
(Power Supply: DELTA)
DH5, Tx, Ch: Mid

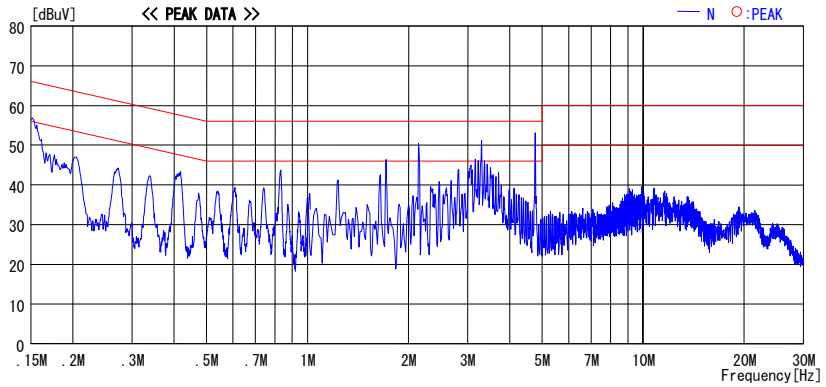
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company	: Sand Dollar Enterprise, Inc.	Report No.	: 29GE0205-HO-01
Kind of EUT	: Computer Entertainment System	Power	: AC 120V / 60Hz
Model No.	: CECH-2001A	Temp./Humi.	: 19deg.C. / 41%
Serial No.	: 1200168	Engineer	: Kazufumi Nakai

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

LIMIT : FCC15.207 QP
FCC15.207 AV



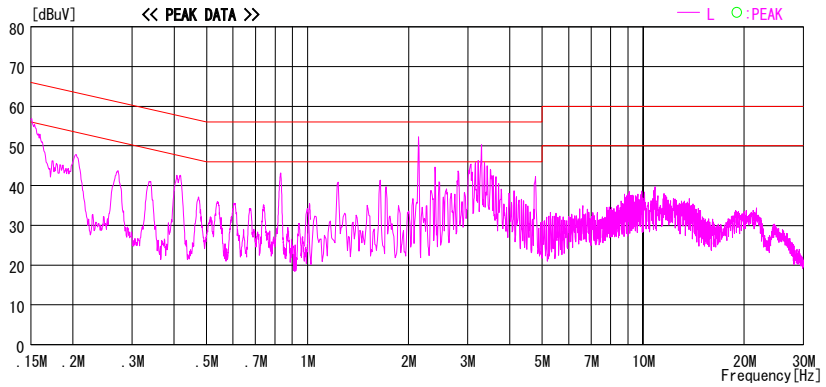


CHART:WITH FACTOR,Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB](LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
(Power Supply: DELTA)
DH5, Tx, Ch: High

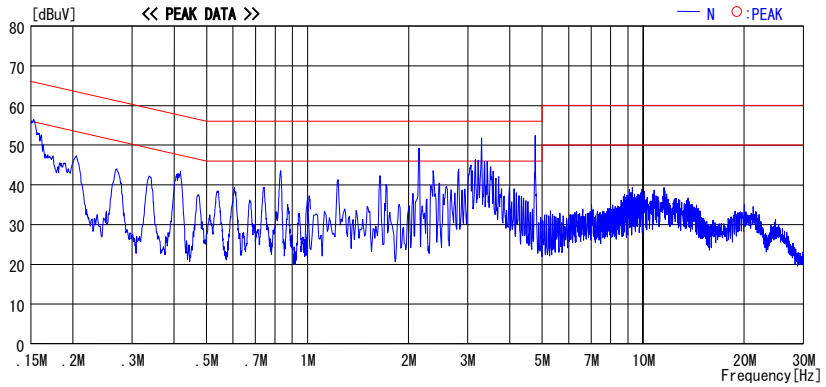
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company	: Sand Dollar Enterprise, Inc.	Report No.	: 29GE0205-HO-01
Kind of EUT	: Computer Entertainment System	Power	: AC 120V / 60Hz
Model No.	: CECH-2001A	Temp./Humi.	: 19deg.C. / 41%
Serial No.	: 1200168	Engineer	: Kazufumi Nakai

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

LIMIT : FCC15.207 QP
FCC15.207 AV



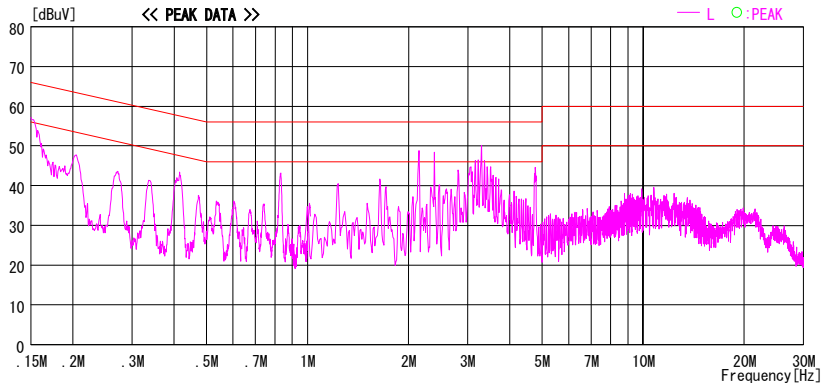


CHART:WITH FACTOR,Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB](LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
(Power Supply: DELTA)
3DH5, Tx, Ch: Low

DATA OF CONDUCTED EMISSION TEST

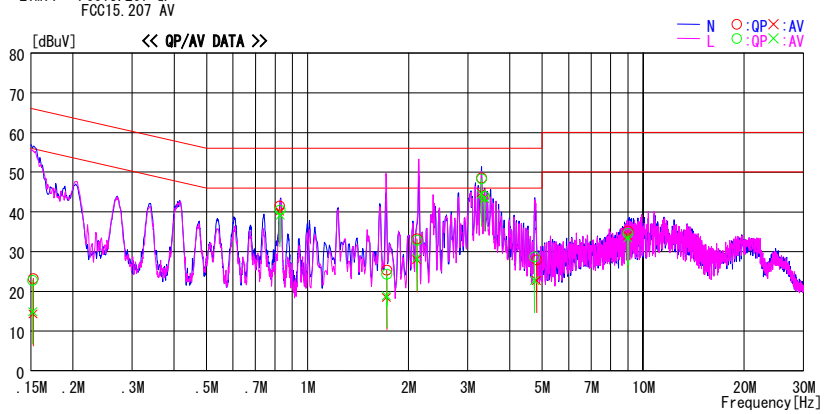
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company : Sand Dollar Enterprise, Inc.
Kind of EUT : Computer Entertainment System
Model No. : CECH-2001A
Serial No. : 1200168

Report No. : 29GE0205-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 19deg.C. / 41%
Engineer : Kazufumi Nakai

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

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency	Reading Level QP	Reading Level AV	Corr. Factor	Results QP	Results AV	Limit QP	Limit AV	Margin QP	Margin AV	Phase	Comment
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
0.15165	22.4	14.5	0.3	22.7	14.8	65.9	55.9	43.2	41.1	L	
0.15215	22.9	14.0	0.3	23.2	14.3	65.9	55.9	42.7	41.6	N	
0.82630	41.2	39.8	0.3	41.5	40.1	56.0	46.0	14.5	5.9	N	
0.82750	40.2	38.9	0.3	40.5	39.2	56.0	46.0	15.5	6.8	L	
1.72018	24.9	18.0	0.4	25.3	18.4	56.0	46.0	30.7	27.6	N	
1.72041	23.9	18.5	0.4	24.3	18.9	56.0	46.0	31.7	27.1	L	
2.11654	32.4	27.9	0.4	32.8	28.3	56.0	46.0	23.2	17.7	L	
2.11835	32.8	27.5	0.4	33.2	27.9	56.0	46.0	22.8	18.1	N	
3.29982	48.0	44.3	0.5	48.5	44.8	56.0	46.0	7.5	1.2	N	
3.30086	47.8	43.9	0.5	48.3	44.4	56.0	46.0	7.7	1.6	L	
3.36765	43.4	42.9	0.5	43.9	43.4	56.0	46.0	12.1	2.6	N	
3.36866	43.4	42.9	0.5	43.9	43.4	56.0	46.0	12.1	2.6	L	
4.74402	28.1	22.1	0.6	28.7	22.7	56.0	46.0	27.3	23.3	L	
4.81412	27.3	22.1	0.6	27.9	22.7	56.0	46.0	28.1	23.3	N	
9.00626	34.2	33.1	1.0	35.2	34.1	60.0	50.0	24.8	15.9	N	
9.00666	33.6	32.4	1.0	34.6	33.4	60.0	50.0	25.4	16.6	L	

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.

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

UL Japan, Inc.
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Conducted Emission
(Power Supply: DELTA)
3DH5, Tx, Ch: Mid

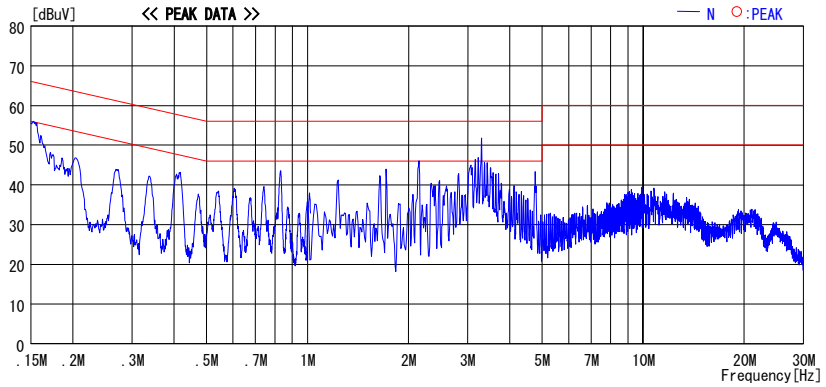
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company	: Sand Dollar Enterprise, Inc.	Report No.	: 29GE0205-HO-01
Kind of EUT	: Computer Entertainment System	Power	: AC 120V / 60Hz
Model No.	: CECH-2001A	Temp./Humi.	: 19deg.C. / 41%
Serial No.	: 1200168	Engineer	: Kazufumi Nakai

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

LIMIT : FCC15.207 QP
FCC15.207 AV



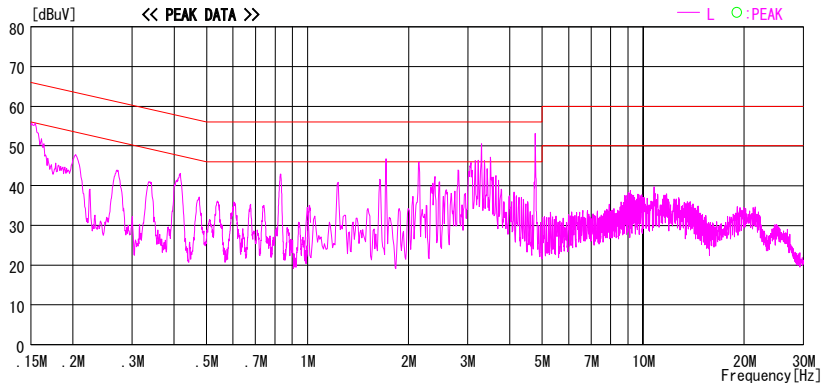


CHART:WITH FACTOR,Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB](LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
(Power Supply: DELTA)
3DH5, Tx, Ch: High

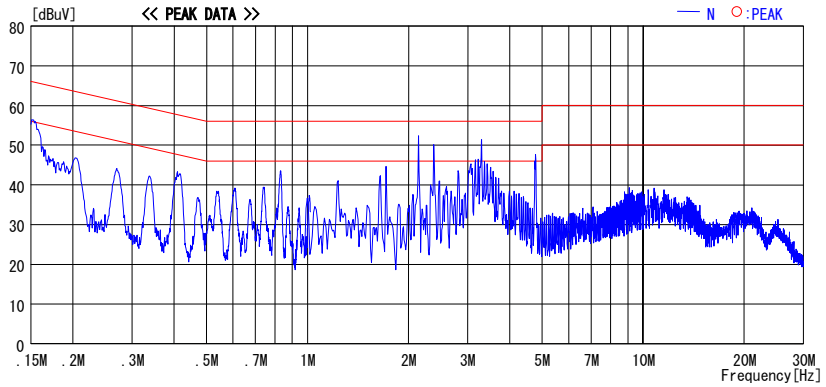
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company	: Sand Dollar Enterprise, Inc.	Report No.	: 29GE0205-HO-01
Kind of EUT	: Computer Entertainment System	Power	: AC 120V / 60Hz
Model No.	: CECH-2001A	Temp./Humi.	: 19deg.C. / 41%
Serial No.	: 1200168	Engineer	: Kazufumi Nakai

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

LIMIT : FCC15.207 QP
FCC15.207 AV



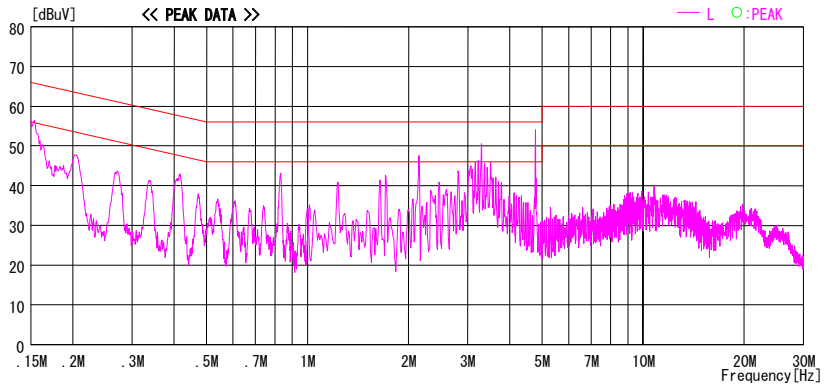


CHART:WITH FACTOR,Peak hold data. CALCURATION:RESULT[dBuV]=READING[dBuV]+C.F[dB](LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
(Power Supply: DELTA)
Rx, Ch: Mid

DATA OF CONDUCTED EMISSION TEST

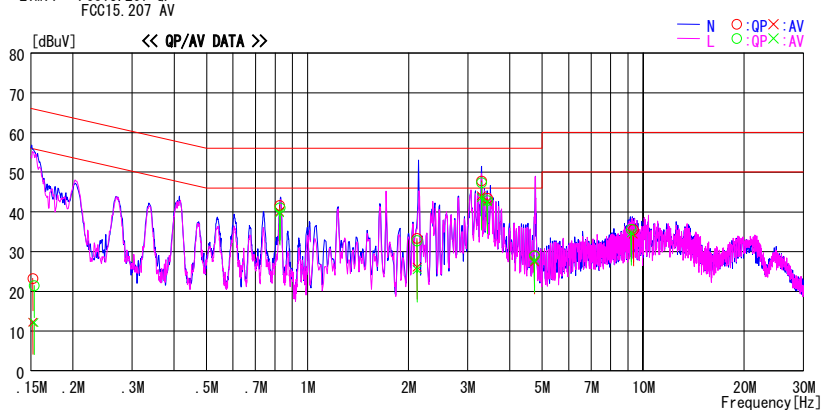
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/04/01

Company : Sand Dollar Enterprise, Inc.
Kind of EUT : Computer Entertainment System
Model No. : CECH-2001A
Serial No. : 1200168

Report No. : 29GE0205-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 19deg.C. / 41%
Engineer : Kazufumi Nakai

Mode / Remarks : BT, Rx, 2441MHz

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency	Reading Level		Corr.	Results		Limit		Margin		Phase	Comment
	QP	AV	Factor	QP	AV	QP	AV	QP	AV		
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
0.15195	22.9	11.9	0.3	23.2	12.2	65.9	55.9	42.7	43.7	N	
0.82531	41.3	39.7	0.3	41.6	40.0	56.0	46.0	14.4	6.0	N	
2.11954	32.9	25.7	0.4	33.3	26.1	56.0	46.0	22.7	19.9	N	
3.30016	47.3	43.5	0.5	47.8	44.0	56.0	46.0	8.2	2.0	N	
3.43672	42.9	42.2	0.5	43.4	42.7	56.0	46.0	12.6	3.3	N	
4.74406	28.4	26.8	0.6	29.0	27.4	56.0	46.0	27.0	18.6	N	
9.34805	34.5	33.4	1.0	35.5	34.4	60.0	50.0	24.5	15.6	N	
0.15325	21.1	11.8	0.3	21.4	12.1	65.8	55.8	44.4	43.7	L	
0.82655	40.7	39.4	0.3	41.0	39.7	56.0	46.0	15.0	6.3	L	
2.11845	32.3	25.0	0.4	32.7	25.4	56.0	46.0	23.3	20.6	L	
3.29817	46.9	43.0	0.5	47.4	43.5	56.0	46.0	8.6	2.5	L	
3.43674	42.3	42.0	0.5	42.8	42.5	56.0	46.0	13.2	3.5	L	
4.74320	28.3	27.2	0.6	28.9	27.8	56.0	46.0	27.1	18.2	L	
9.21065	34.6	33.6	1.0	35.6	34.6	60.0	50.0	24.4	15.4	L	

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.

*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.
Head Office EMC Lab. No.3 measurement room

Company	Sand Dollar Enterprise, Inc.	Regulation	FCC15.247(a)(1) / RSS-210 A8.1(b)
Equipment	Computer Entertainment System	Test Distance	-
Model	CECH-2001A	Date	03/10/2009
S/N	1200174	Temperature	24 deg.C.
Power	AC 120V / 60Hz	Humidity	36 %
Mode	Tx(Hopping on) / Inquiry DH5 / 3DH5	Engineer	Kazufumi Nakai

DH5 / Inquiry

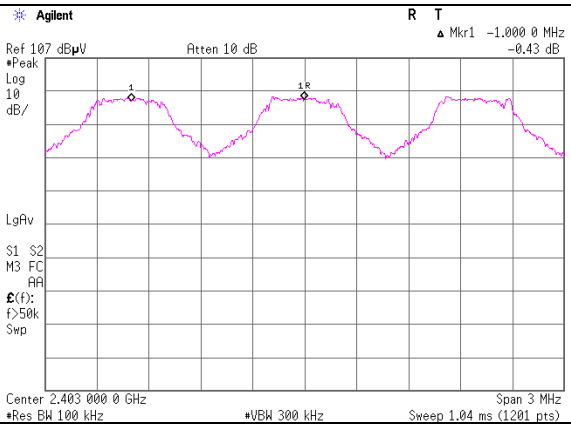
Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.000	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)
Mid	2441.0	1.000	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)
High	2480.0	1.000	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)
Inquiry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

3DH5

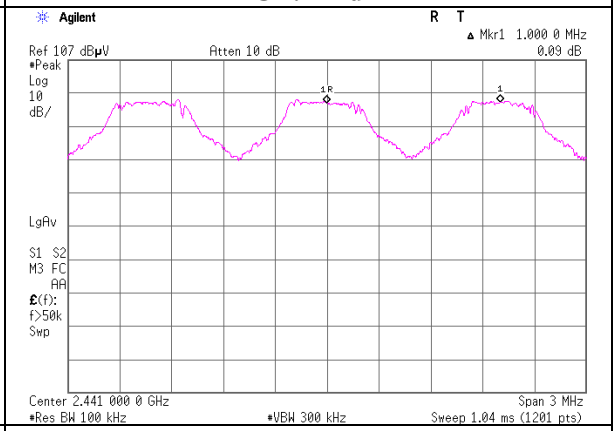
Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.000	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)
Mid	2441.0	1.000	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)
High	2480.0	1.015	>two-thirds of the 20dB Bandwidth or 25[kHz](whichever is greater)

Carrier Frequency Separation
DH5 / Inquiry

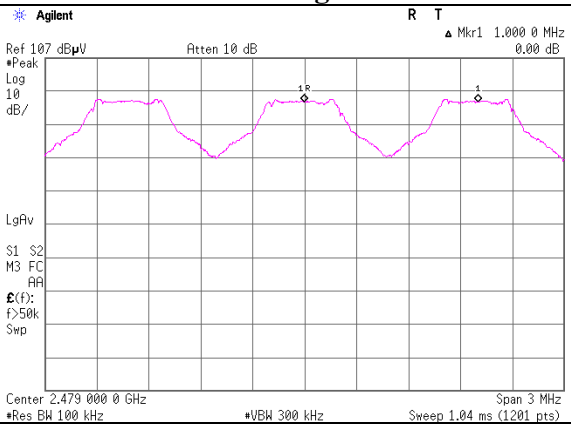
Ch: Low



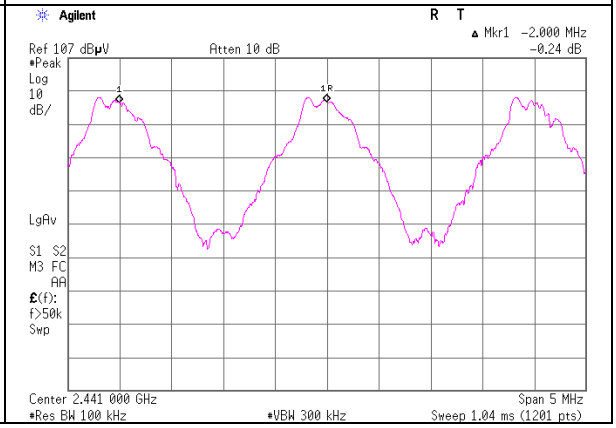
Ch: Mid



Ch: High

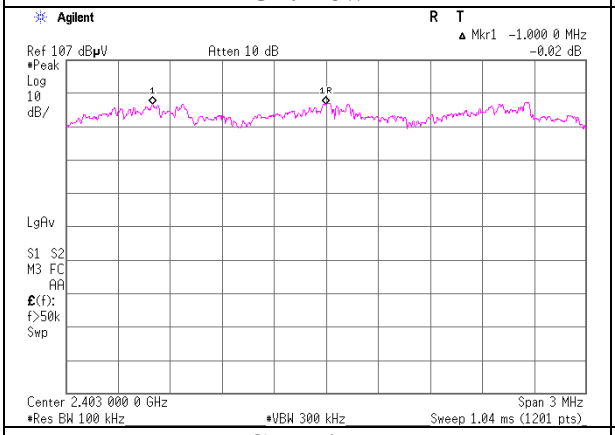


Inquiry

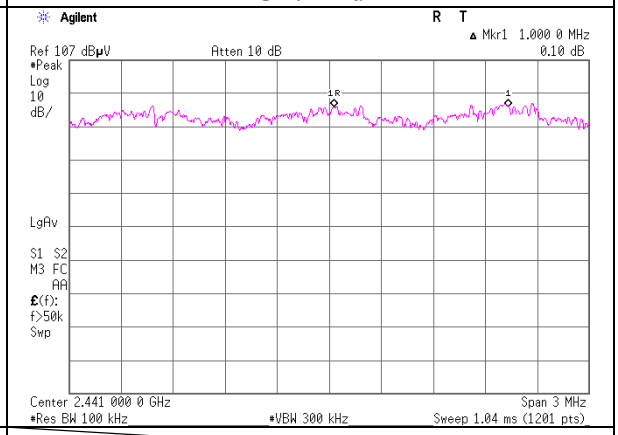


Carrier Frequency Separation
3DH5

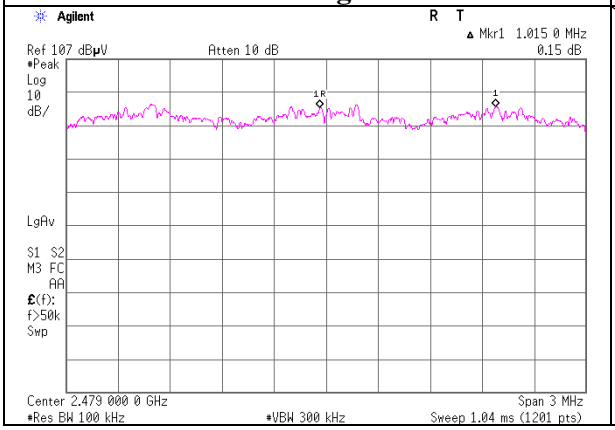
Ch: Low



Ch: Mid



Ch: High



20dB Bandwidth

UL Japan, Inc.
Head Office EMC Lab. No.3 measurement room

Company	Sand Dollar Enterprise, Inc.	Regulation	FCC15.247(a)(1) / RSS-210 A8.1(a)
Equipment	Computer Entertainment System	Test Distance	-
Model	CECH-2001A	Date	03/10/2009
S/N	1200174	Temperature	24 deg.C.
Power	AC 120V / 60Hz	Humidity	36 %
Mode	Tx(Hopping off) / Inquiry DH5 / 3DH5	Engineer	Kazufumi Nakai

DH5 / Inquiry

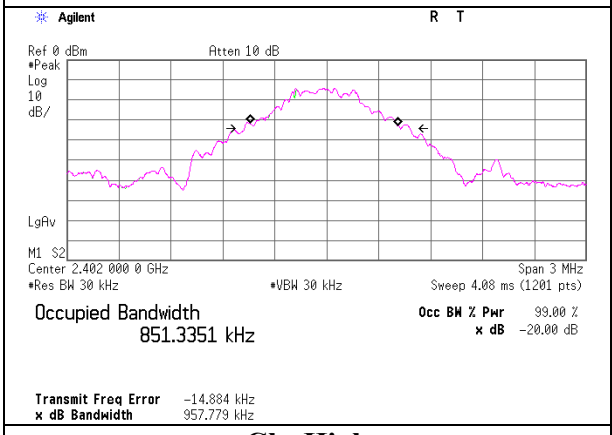
Ch	Freq. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	0.958	-
Mid	2441.0	0.957	-
High	2480.0	0.957	-
Inquiry	2441.0	0.832	-

3DH5

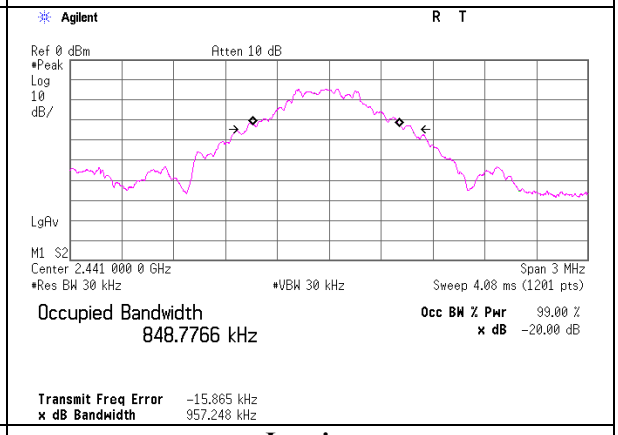
Ch	Freq. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	1.305	-
Mid	2441.0	1.304	-
High	2480.0	1.278	-

20dB Bandwidth
DH5 / Inquiry

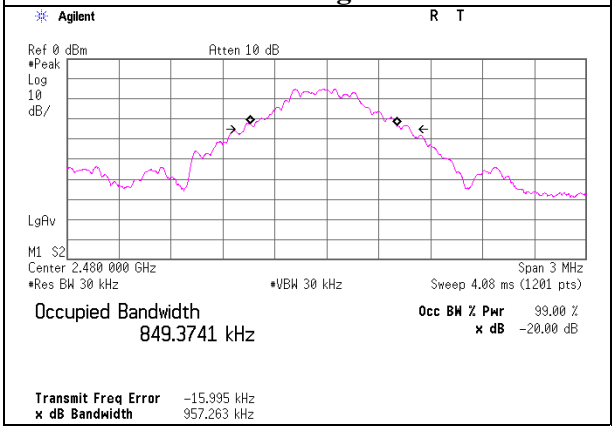
Ch: Low



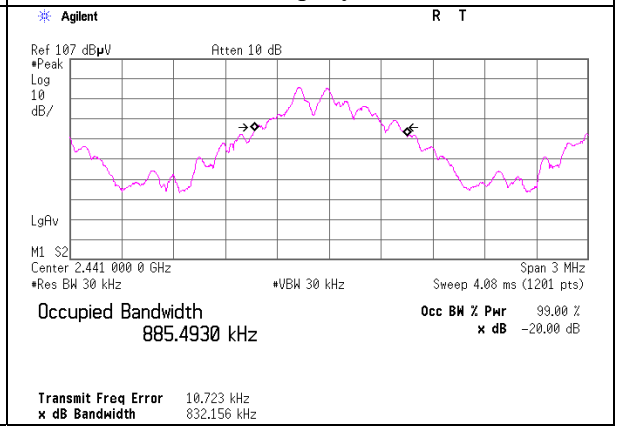
Ch: Mid



Ch: High

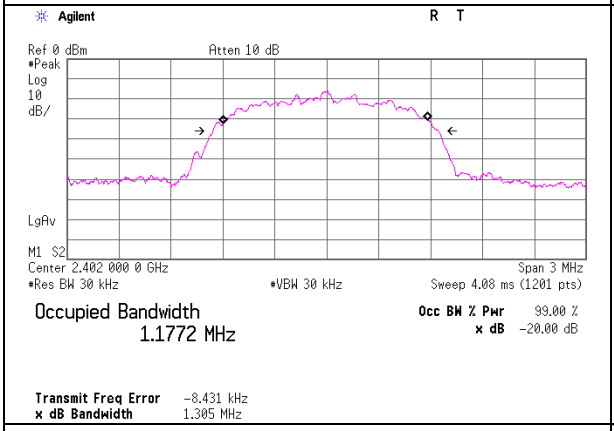


Inquiry

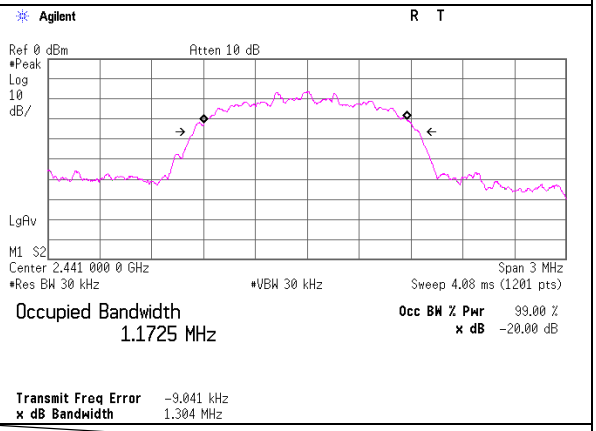


20dB Bandwidth
3DH5

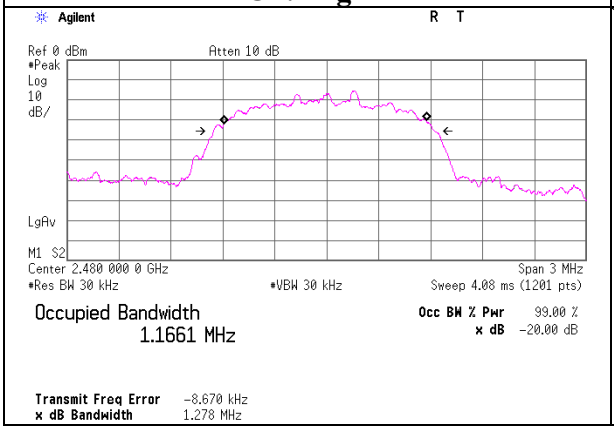
Ch: Low



Ch: Mid



Ch: High



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Number of Hopping Frequency

UL Japan, Inc.
Head Office EMC Lab. No.3 measurement room

Company	Sand Dollar Enterprise, Inc.	Regulation	FCC15.247(a)(1)(iii) / RSS-210 A8.1(d)
Equipment	Computer Entertainment System	Test Distance	-
Model	CECH-2001A	Date	03/10/2009
S/N	1200174	Temperature	24 deg.C.
Power	AC 120V / 60Hz	Humidity	36 %
Mode	Tx(Hopping on) / Inquiry DH5 / 3DH5	Engineer	Kazufumi Nakai

DH5

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

3DH5

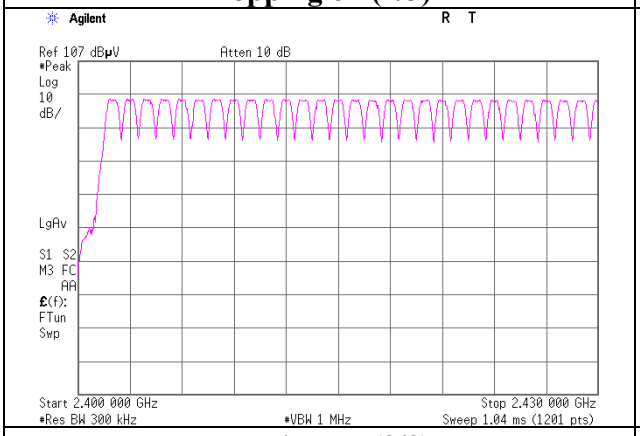
Mode	Number of channel [number]	Limit [time]
Tx(Hopping on)	79	≧15

Inquiry

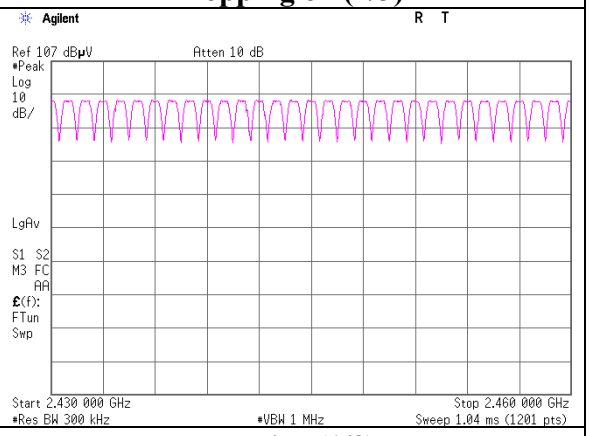
Mode	Number of channel [number]	Limit [time]
Inquiry	32	≧15

Number of Hopping Frequency
DH5 / Inquiry

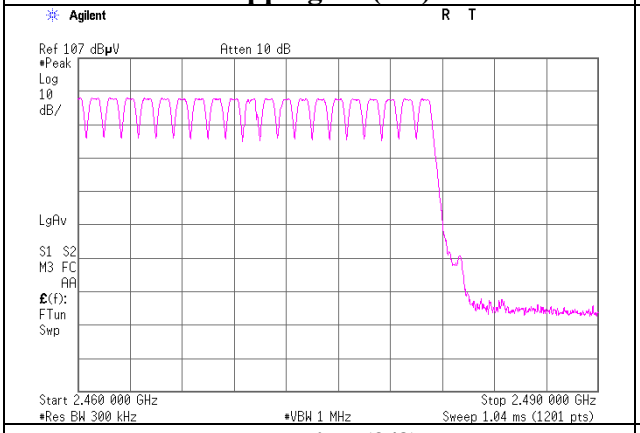
Hopping on (1/3)



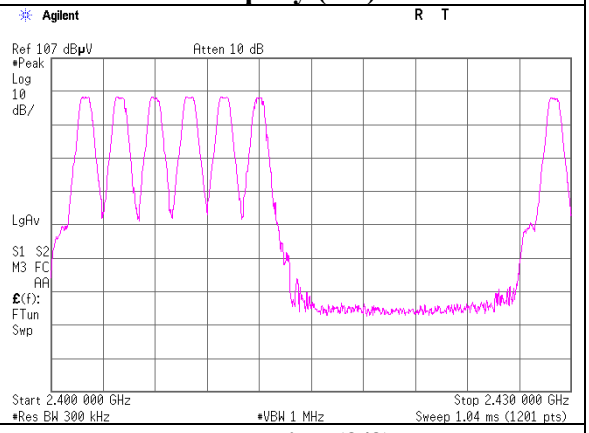
Hopping on (2/3)



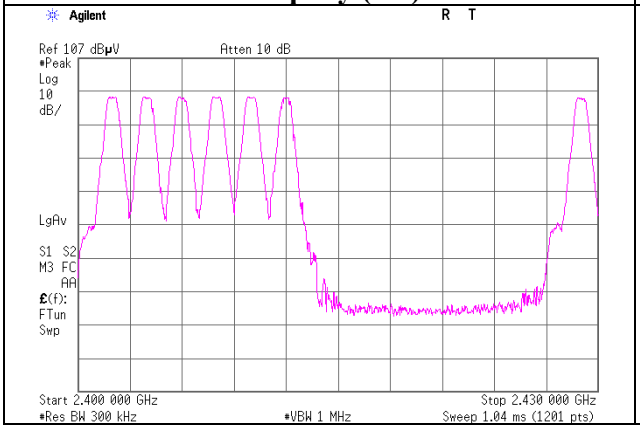
Hopping on (3/3)



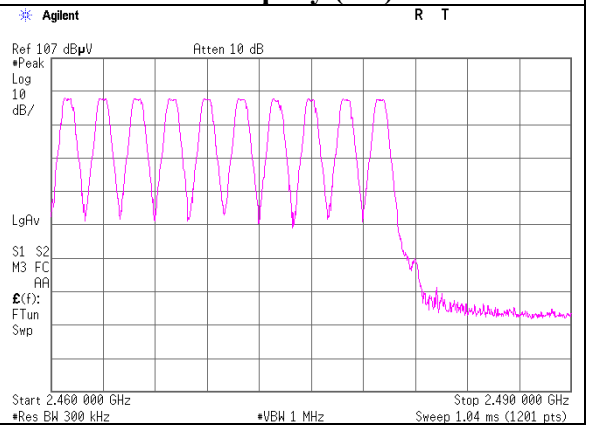
Inquiry (1/3)



Inquiry (2/3)



Inquiry (3/3)



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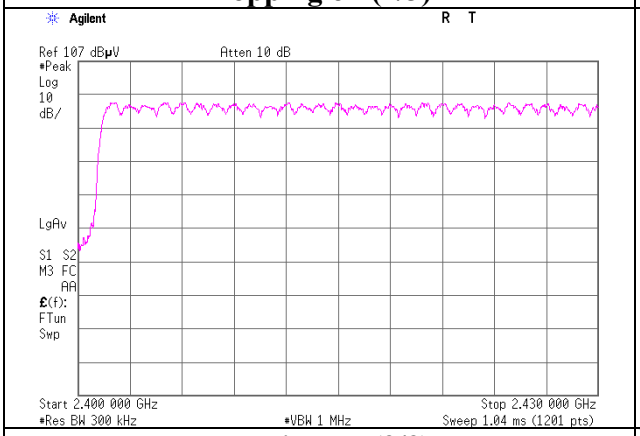
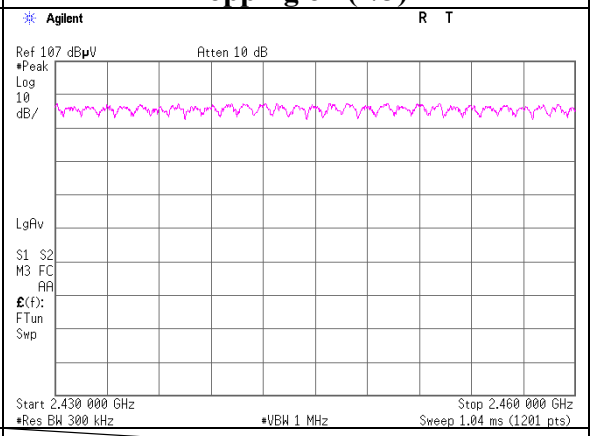
Number of Hopping Frequency
3DH5

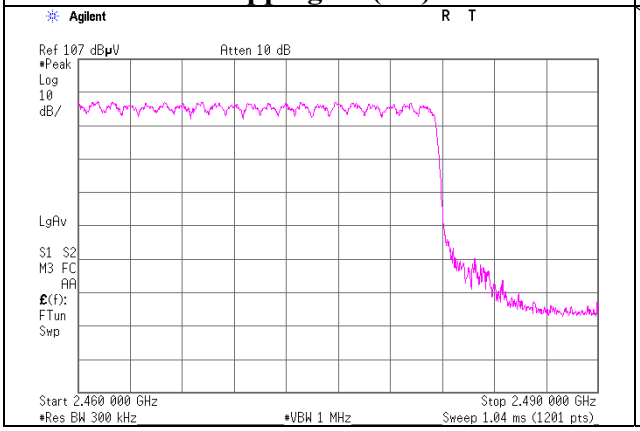
Hopping on (1/3)



Hopping on (2/3)



Hopping on (3/3)



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Dwell time

UL Japan, Inc.
Head Office EMC Lab. No.3 measurement room

Company	Sand Dollar Enterprise, Inc.	Regulation	FCC Part15 Subpart C 15.247(a)(1)(iii) / RSS-210 A8.1(d)
Equipment	Computer Entertainment System	Test Distance	-
Model	CECH-2001A	Date	03/10/2009
S/N	1200174	Temperature	24 deg.C.
Power	AC 120V / 60Hz	Humidity	36 %
Mode	Bluetooth Tx Hopping On / Inquiry DH1, DH3, DH5 / 3DH1, 3DH3, 3DH5	Engineer	Kazufumi Nakai

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	50.0 times	/ 5 sec.	x 31.6 sec.	= 316 times	0.417	132	400
DH3	25.6 times*	/ 5 sec.	x 31.6 sec.	= 162 times	1.677	272	400
DH5	33.6 times*	/ 10 sec.	x 31.6 sec.	= 107 times	2.940	315	400
Inquiry	100 times	/ 1 sec.	x 12.8 sec.	= 1280 times	0.124	159	400

*Average data of 5 tests

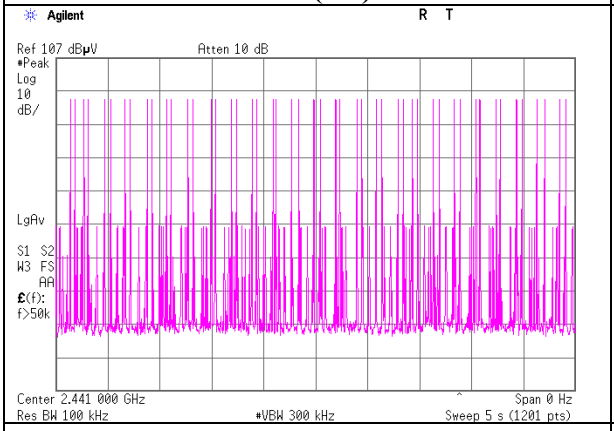
EDR

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	49.0 times	/ 5 sec.	x 31.6 sec.	= 310 times	0.422	131	400
3DH3	26.4 times*	/ 5 sec.	x 31.6 sec.	= 167 times	1.675	280	400
3DH5	32.8 times*	/ 10 sec.	x 31.6 sec.	= 104 times	2.929	305	400

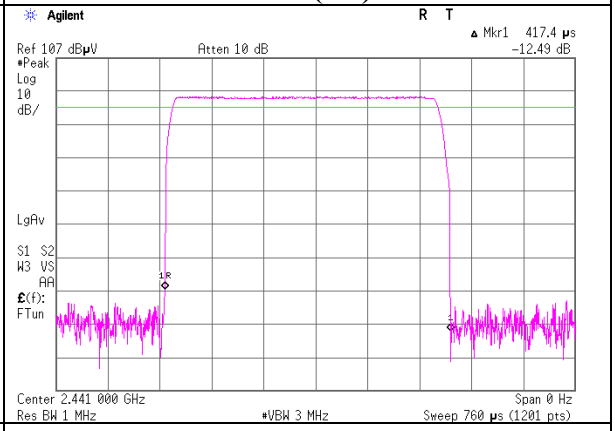
*Average data of 5 tests

Dwell time

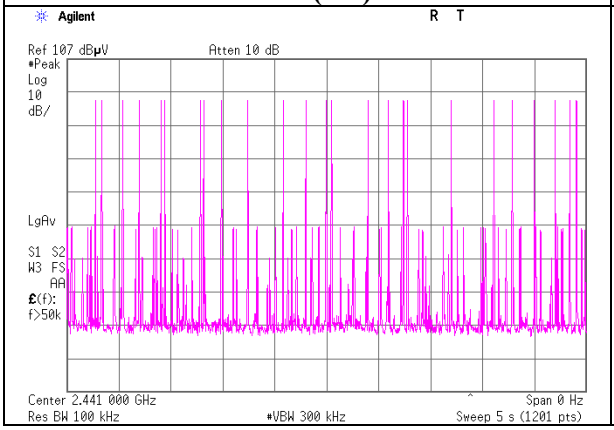
DH1 (1/2)



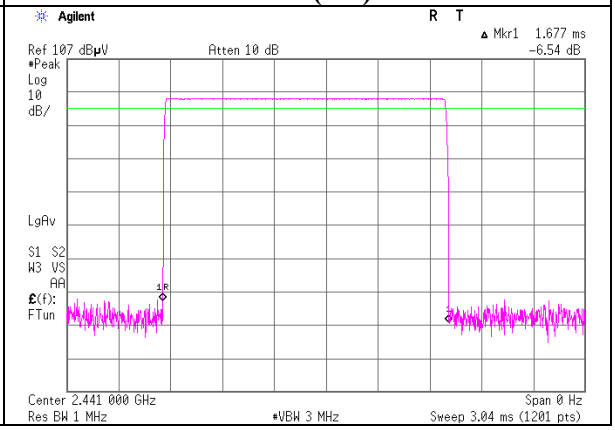
DH1 (2/2)



DH3 (1/2)



DH3 (2/2)



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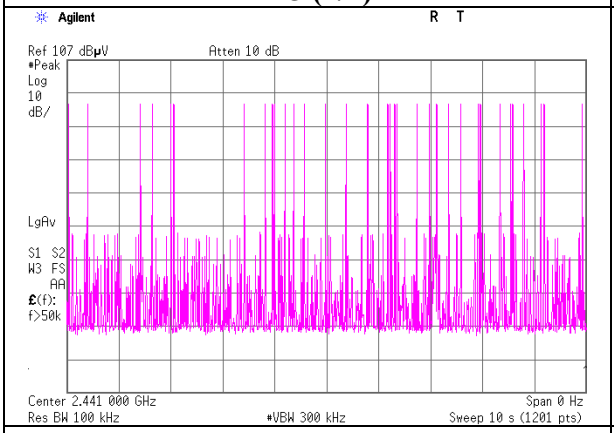
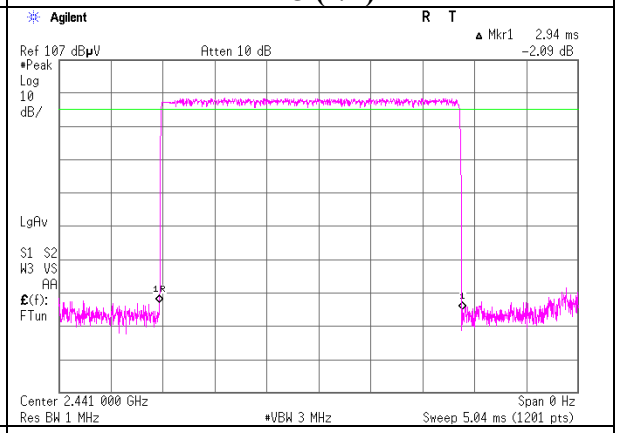
Dwell time

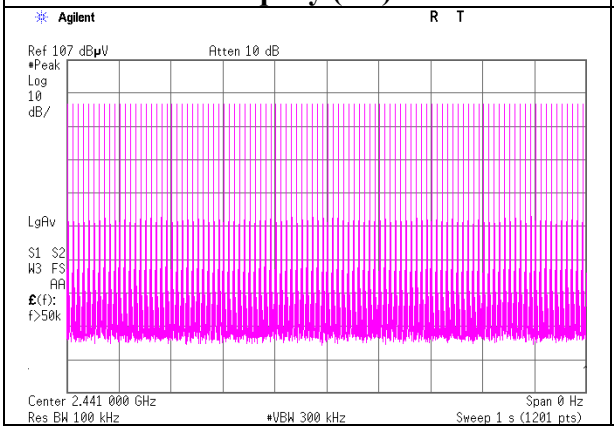
DH5 (1/2)



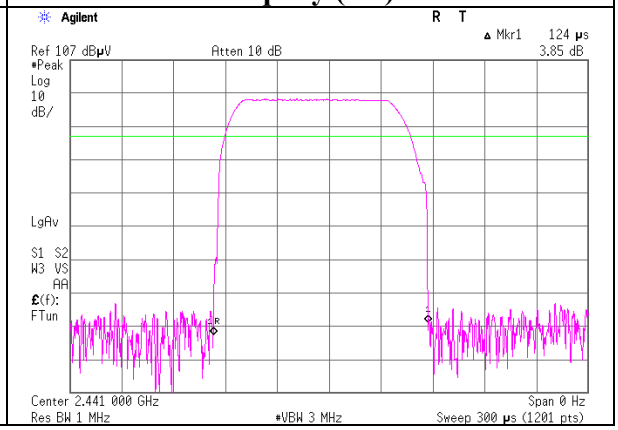
DH5 (2/2)



Inquiry (1/2)



Inquiry (2/2)



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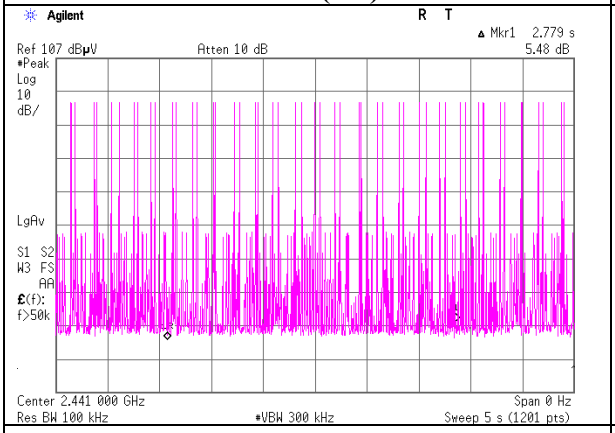
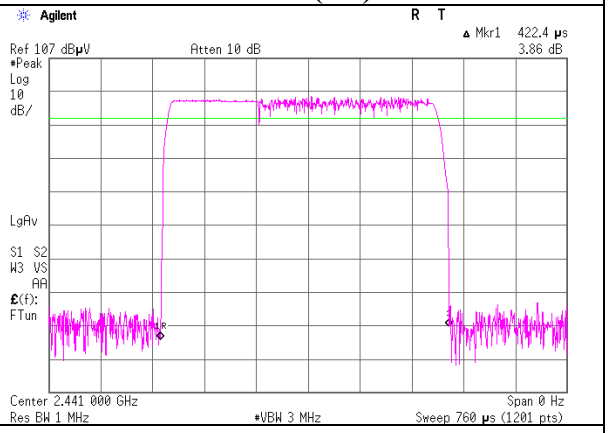
Dwell time

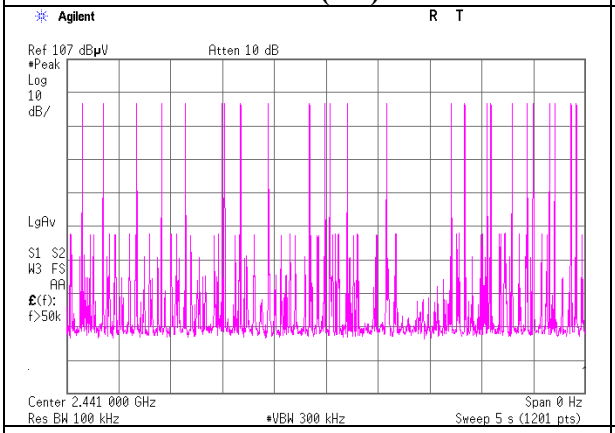
3DH1 (1/2)



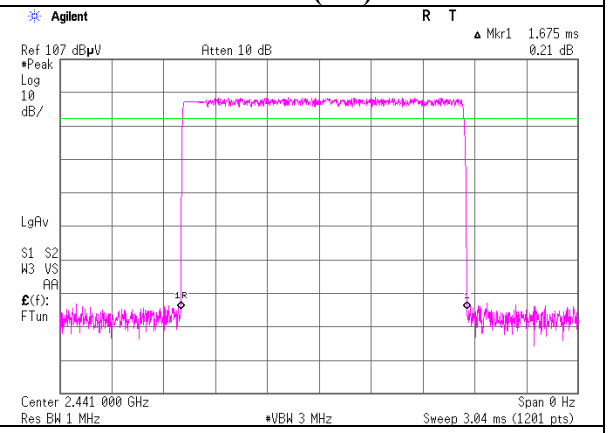
3DH1 (2/2)



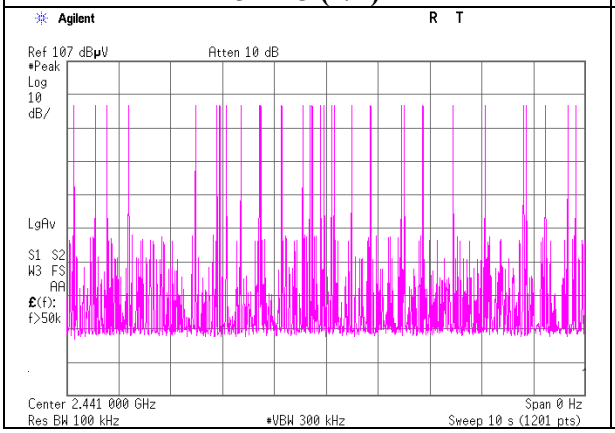
3DH3 (1/2)



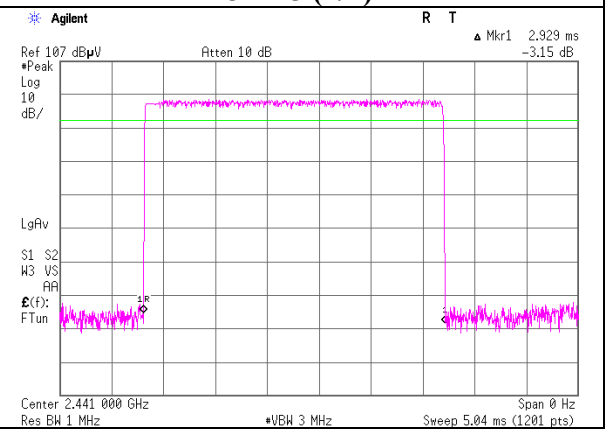
3DH3 (2/2)



3DH5 (1/2)



3DH5 (2/2)



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Maximum Peak Output Power

UL Japan, Inc.
Head Office EMC Lab. No.3 measurement room

Company	Sand Dollar Enterprise, Inc.	Regulation	FCC15.247(b)(1) / RSS-210 A8.4(2)	
Equipment	Computer Entertainment System	Test Distance	-	
Model	CECH-2001A	Date	03/09/2009	03/10/2009
S/N	1200174	Temperature	23 deg.C.	24 deg.C.
Power	AC 120V / 60Hz	Humidity	33 %	36 %
Mode	Bluetooth Tx Hopping Off DH5 / 2DH5 / 3DH5 / Inquiry	Engineer	Takayuki Shimada	Kazufumi Nakai

DH5 / Inquiry

Ch	Freq.	P/M (PK) Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Low	2402.0	-10.03	0.80	10.09	0.86	1.22	20.96	125	20.10
Mid	2441.0	-10.24	0.80	10.09	0.65	1.16	20.96	125	20.31
High	2480.0	-10.67	0.80	10.09	0.22	1.05	20.96	125	20.74
Inquiry	2441.0	-10.32	0.80	10.09	0.57	1.14	20.96	125	20.39

2DH5

Ch	Freq.	P/M (PK) Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Low	2402.0	-9.47	0.80	10.09	1.42	1.39	20.96	125	19.54
Mid	2441.0	-9.71	0.80	10.09	1.18	1.31	20.96	125	19.78
High	2480.0	-10.16	0.80	10.09	0.73	1.18	20.96	125	20.23

3DH5

Ch	Freq.	P/M (PK) Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Low	2402.0	-9.29	0.80	10.09	1.60	1.45	20.96	125	19.36
Mid	2441.0	-9.51	0.80	10.09	1.38	1.37	20.96	125	19.58
High	2480.0	-9.96	0.80	10.09	0.93	1.24	20.96	125	20.03

Sample Calculation:
Result = Reading + Cable Loss (supplied by customer) + Attenuator
* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.
*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.

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

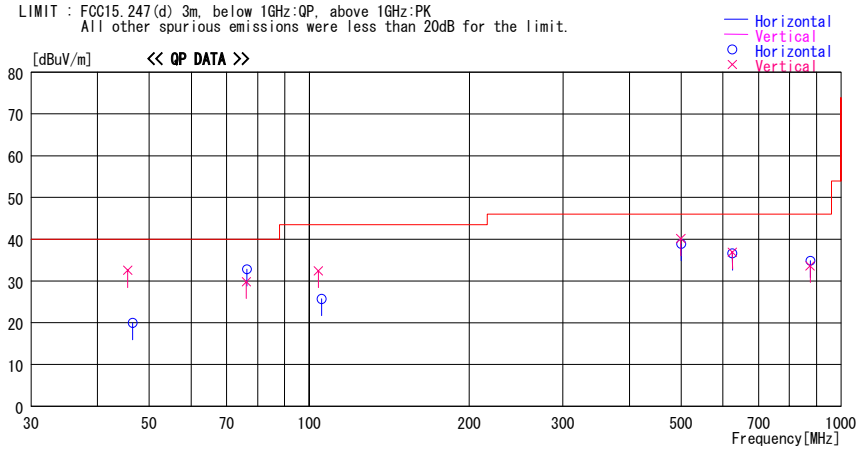
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/03/26

Company	: Sand Dollar Enterprise, Inc.	Report No.	: 29GE0205-HO-01
Kind of EUT	: Computer Entertainment System	Power	: AC 120V / 60Hz
Model No.	: CECH-2001A	Temp./Humi.	: 22deg.C. / 40%
Serial No.	: 1200162	Engineer	: Kazufumi Nakai

Mode / Remarks : BT, Tx, DH5, 2402MHz, Worst-axis(Hori:Y, Vert:X)

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]
45.572	45.4	QP	11.8	-24.7	32.5	137	100	Vert.	40.0	7.5
46.574	33.2	QP	11.5	-24.7	20.0	185	300	Hori.	40.0	20.0
76.192	47.9	QP	6.1	-24.2	29.8	0	100	Vert.	40.0	10.2
76.365	50.9	QP	6.1	-24.2	32.8	273	400	Hori.	40.0	7.2
104.069	45.9	QP	10.3	-23.8	32.4	113	100	Vert.	43.5	11.1
105.446	39.0	QP	10.5	-23.8	25.7	170	167	Hori.	43.5	17.8
499.985	42.2	QP	18.6	-20.7	40.1	134	100	Vert.	46.0	5.9
499.989	41.0	QP	18.6	-20.7	38.9	332	100	Hori.	46.0	7.1
624.982	37.1	QP	19.8	-20.0	36.9	77	100	Vert.	46.0	9.1
624.988	36.8	QP	19.8	-20.0	36.6	128	132	Hori.	46.0	9.4
874.976	29.6	QP	21.9	-17.9	33.6	176	100	Vert.	46.0	12.4
874.979	30.8	QP	21.9	-17.9	34.8	118	100	Hori.	46.0	11.2

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

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

Radiated Spurious Emission (below 1GHz)
(Power Supply: SONY)
DH5, Tx, Ch: Mid

DATA OF RADIATED EMISSION TEST

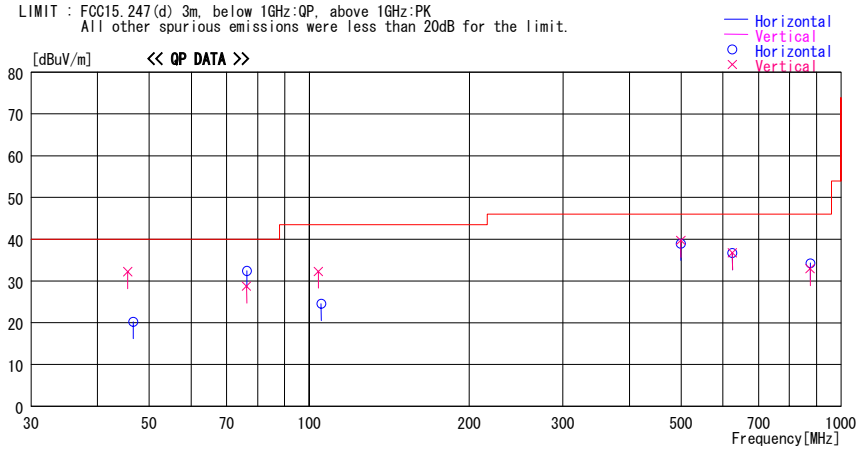
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/03/27

Company : Sand Dollar Enterprise, Inc.
Kind of EUT : Computer Entertainment System
Model No. : CECH-2001A
Serial No. : 1200162

Report No. : 29GE0205-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 22deg.C. / 40%
Engineer : Kazufumi Nakai

Mode / Remarks : BT, Tx, DH5, 2441MHz, Worst-axis(Hori:Y, Vert:X)

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]
45.565	45.1	QP	11.8	-24.7	32.2	151	100	Vert.	40.0	7.8
46.674	33.5	QP	11.4	-24.7	20.2	194	300	Hori.	40.0	19.8
76.256	46.8	QP	6.1	-24.2	28.7	8	100	Vert.	40.0	11.3
76.434	50.5	QP	6.1	-24.2	32.4	261	300	Hori.	40.0	7.6
104.034	45.9	QP	10.2	-23.8	32.3	99	100	Vert.	43.5	11.2
105.345	37.9	QP	10.5	-23.8	24.6	355	300	Hori.	43.5	18.9
499.979	41.8	QP	18.6	-20.7	39.7	122	100	Vert.	46.0	6.3
499.987	41.1	QP	18.6	-20.7	39.0	348	100	Hori.	46.0	7.0
624.975	36.9	QP	19.8	-20.0	36.7	39	100	Vert.	46.0	9.3
624.985	36.9	QP	19.8	-20.0	36.7	135	100	Hori.	46.0	9.3
874.968	30.3	QP	21.9	-17.9	34.3	118	100	Hori.	46.0	11.7
874.983	28.9	QP	21.9	-17.9	32.9	80	100	Vert.	46.0	13.1

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

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Radiated Spurious Emission (below 1GHz)
(Power Supply: SONY)
DH5, Tx, Ch: High

DATA OF RADIATED EMISSION TEST

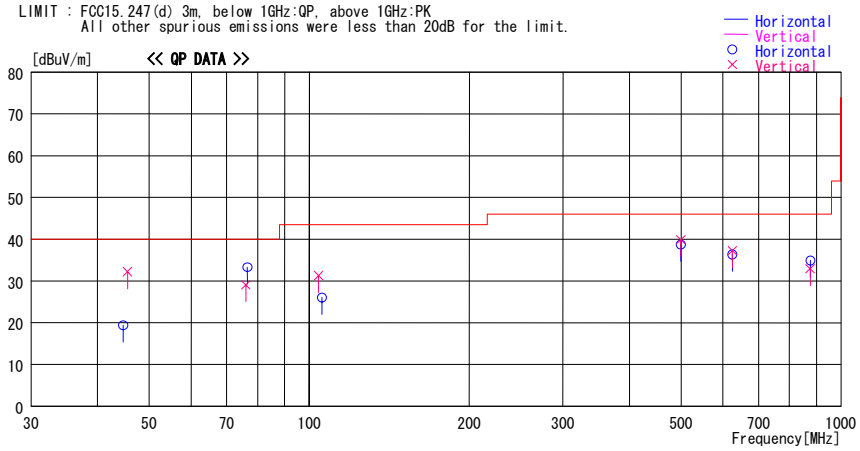
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/03/27

Company : Sand Dollar Enterprise, Inc.
Kind of EUT : Computer Entertainment System
Model No. : CECH-2001A
Serial No. : 1200162

Report No. : 29GE0205-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 22deg.C. / 40%
Engineer : Kazufumi Nakai

Mode / Remarks : BT, Tx, DH5, 2480MHz, Worst-axis(Hori:Y, Vert:X)

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]
44.698	32.1	QP	12.1	-24.8	19.4	196	300	Hori.	40.0	20.6
45.532	45.1	QP	11.8	-24.7	32.2	131	100	Vert.	40.0	7.8
76.034	47.2	QP	6.1	-24.2	29.1	4	100	Vert.	40.0	10.9
76.453	51.4	QP	6.1	-24.2	33.3	259	300	Hori.	40.0	6.7
104.123	44.8	QP	10.3	-23.8	31.3	64	100	Vert.	43.5	12.2
105.654	39.2	QP	10.6	-23.8	26.0	358	300	Hori.	43.5	17.5
499.986	42.0	QP	18.6	-20.7	39.9	124	100	Vert.	46.0	6.1
499.987	40.8	QP	18.6	-20.7	38.7	347	100	Hori.	46.0	7.3
624.984	37.4	QP	19.8	-20.0	37.2	38	100	Vert.	46.0	8.8
624.990	36.6	QP	19.8	-20.0	36.4	135	100	Hori.	46.0	9.6
874.971	28.9	QP	21.9	-17.9	32.9	186	100	Vert.	46.0	13.1
874.982	30.9	QP	21.9	-17.9	34.9	142	100	Hori.	46.0	11.1

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

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

DATA OF RADIATED EMISSION TEST

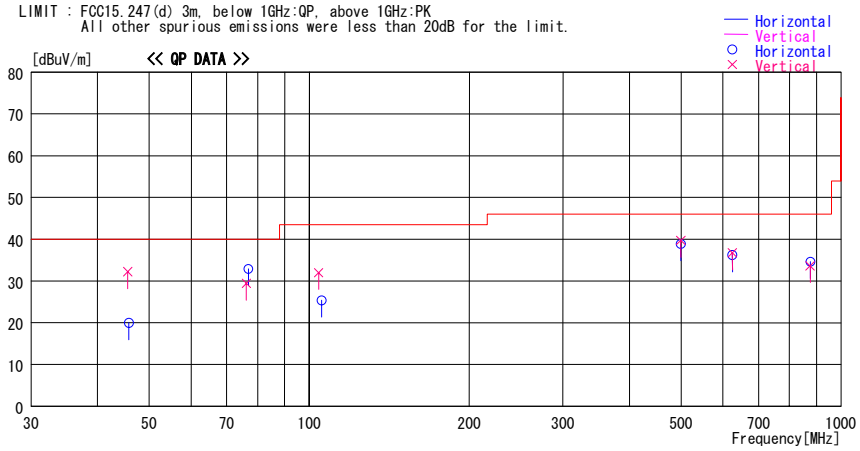
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/03/27

Company : Sand Dollar Enterprise, Inc.
Kind of EUT : Computer Entertainment System
Model No. : CECH-2001A
Serial No. : 1200162

Report No. : 29GE0205-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 22deg.C. / 40%
Engineer : Kazufumi Nakai

Mode / Remarks : BT, Tx, 3DH5, 2402MHz, Worst-axis(Hori:Y, Vert:X)

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]
45.572	45.1	QP	11.8	-24.7	32.2	121	100	Vert.	40.0	7.8
45.785	33.0	QP	11.7	-24.7	20.0	185	300	Hori.	40.0	20.0
76.186	47.5	QP	6.1	-24.2	29.4	350	100	Vert.	40.0	10.6
76.875	51.0	QP	6.1	-24.2	32.9	267	300	Hori.	40.0	7.1
104.231	45.5	QP	10.3	-23.8	32.0	104	100	Vert.	43.5	11.5
105.431	38.7	QP	10.5	-23.8	25.4	9	300	Hori.	43.5	18.1
499.983	41.0	QP	18.6	-20.7	38.9	335	100	Hori.	46.0	7.1
499.984	41.8	QP	18.6	-20.7	39.7	130	100	Vert.	46.0	6.3
624.984	36.9	QP	19.8	-20.0	36.7	107	100	Vert.	46.0	9.3
624.988	36.4	QP	19.8	-20.0	36.2	170	100	Hori.	46.0	9.8
874.975	29.6	QP	21.9	-17.9	33.6	65	100	Vert.	46.0	12.4
874.976	30.6	QP	21.9	-17.9	34.6	31	100	Hori.	46.0	11.4

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)
(Power Supply: SONY)
3DH5, Tx, Ch: Mid

DATA OF RADIATED EMISSION TEST

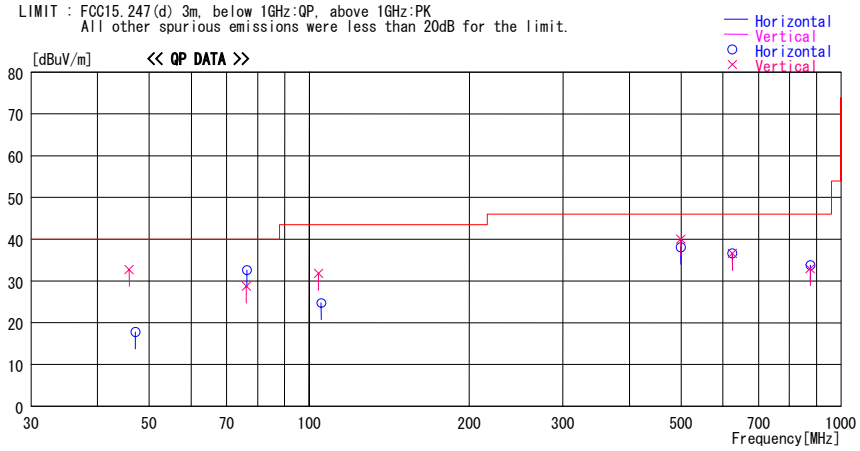
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/03/27

Company : Sand Dollar Enterprise, Inc.
Kind of EUT : Computer Entertainment System
Model No. : CECH-2001A
Serial No. : 1200162

Report No. : 29GE0205-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 22deg.C. / 40%
Engineer : Kazufumi Nakai

Mode / Remarks : BT, Tx, 3DH5, 2441MHz, Worst-axis(Hori:Y, Vert:X)

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]
45.875	45.7	QP	11.7	-24.7	32.7	143	100	Vert.	40.0	7.3
47.124	31.2	QP	11.3	-24.7	17.8	194	300	Hori.	40.0	22.2
76.187	46.8	QP	6.1	-24.2	28.7	1	100	Vert.	40.0	11.3
76.354	50.7	QP	6.1	-24.2	32.6	255	300	Hori.	40.0	7.4
104.110	45.3	QP	10.3	-23.8	31.8	239	100	Vert.	43.5	11.7
105.345	38.0	QP	10.5	-23.8	24.7	10	300	Hori.	43.5	18.8
499.985	40.2	QP	18.6	-20.7	38.1	309	100	Hori.	46.0	7.9
499.986	42.1	QP	18.6	-20.7	40.0	130	100	Vert.	46.0	6.0
624.981	36.8	QP	19.8	-20.0	36.6	105	100	Vert.	46.0	9.4
624.986	36.8	QP	19.8	-20.0	36.6	118	100	Hori.	46.0	9.4
874.970	29.8	QP	21.9	-17.9	33.8	243	100	Hori.	46.0	12.2
874.986	28.9	QP	21.9	-17.9	32.9	142	100	Vert.	46.0	13.1

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

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Radiated Spurious Emission (below 1GHz)
(Power Supply: SONY)
3DH5, Tx, Ch: High

DATA OF RADIATED EMISSION TEST

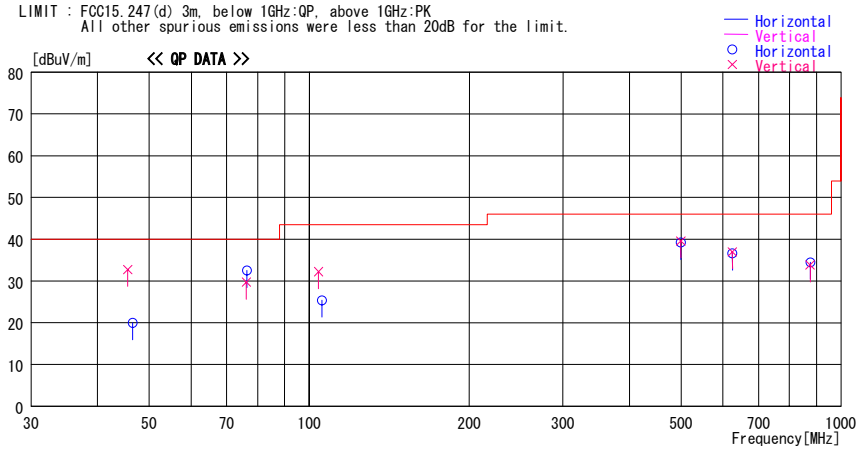
UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/03/27

Company : Sand Dollar Enterprise, Inc.
Kind of EUT : Computer Entertainment System
Model No. : CECH-2001A
Serial No. : 1200162

Report No. : 29GE0205-HO-01
Power : AC 120V / 60Hz
Temp./Humi. : 22deg.C. / 40%
Engineer : Kazufumi Nakai

Mode / Remarks : BT, Tx, 3DH5, 2480MHz, Worst-axis(Hori:Y, Vert:X)

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]
45.566	45.6	QP	11.8	-24.7	32.7	101	100	Vert.	40.0	7.3
46.564	33.2	QP	11.5	-24.7	20.0	172	300	Hori.	40.0	20.0
76.189	47.8	QP	6.1	-24.2	29.7	338	100	Vert.	40.0	10.3
76.342	50.6	QP	6.1	-24.2	32.5	257	300	Hori.	40.0	7.5
104.143	45.7	QP	10.3	-23.8	32.2	3	100	Vert.	43.5	11.3
105.556	38.7	QP	10.5	-23.8	25.4	16	300	Hori.	43.5	18.1
499.984	41.7	QP	18.6	-20.7	39.6	154	100	Vert.	46.0	6.4
499.986	41.3	QP	18.6	-20.7	39.2	123	100	Hori.	46.0	6.8
624.986	36.8	QP	19.8	-20.0	36.6	145	100	Hori.	46.0	9.4
624.988	37.2	QP	19.8	-20.0	37.0	81	100	Vert.	46.0	9.0
874.976	29.8	QP	21.9	-17.9	33.8	92	100	Vert.	46.0	12.2
874.980	30.4	QP	21.9	-17.9	34.4	9	100	Hori.	46.0	11.6

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.

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

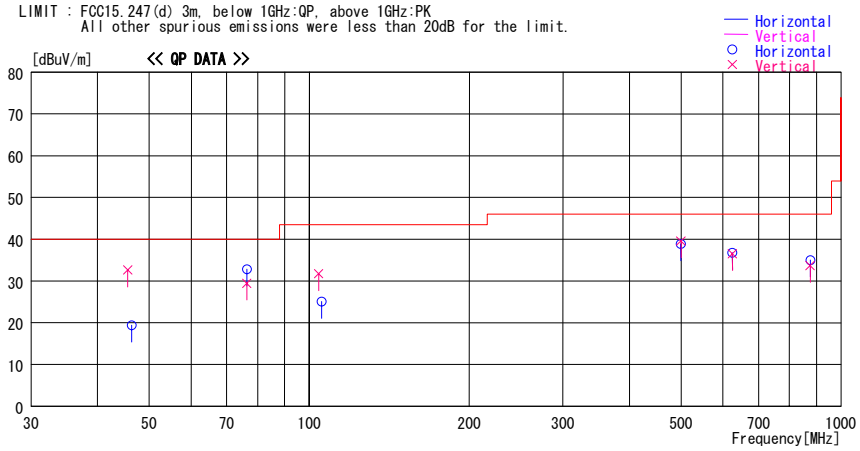
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2009/03/27

Company	: Sand Dollar Enterprise, Inc.	Report No.	: 29GE0205-HO-01
Kind of EUT	: Computer Entertainment System	Power	: AC 120V / 60Hz
Model No.	: CECH-2001A	Temp./Humi.	: 22deg.C. / 40%
Serial No.	: 1200162	Engineer	: Kazufumi Nakai

Mode / Remarks : BT, Rx, 2441MHz, Worst-axis(Hori:Y, Vert:X)

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]
45.578	45.5	QP	11.8	-24.7	32.6	111	100	Vert.	40.0	7.4
46.345	32.6	QP	11.5	-24.7	19.4	204	300	Hori.	40.0	20.6
76.342	47.6	QP	6.1	-24.2	29.5	352	100	Vert.	40.0	10.5
76.354	50.9	QP	6.1	-24.2	32.8	249	300	Hori.	40.0	7.2
104.234	45.2	QP	10.3	-23.8	31.7	104	100	Vert.	43.5	11.8
105.444	38.4	QP	10.5	-23.8	25.1	12	300	Hori.	43.5	18.4
499.985	41.0	QP	18.6	-20.7	38.9	309	100	Hori.	46.0	7.1
499.989	41.7	QP	18.6	-20.7	39.6	130	100	Vert.	46.0	6.4
624.981	36.7	QP	19.8	-20.0	36.5	81	100	Vert.	46.0	9.5
624.989	37.0	QP	19.8	-20.0	36.8	117	100	Hori.	46.0	9.2
874.978	31.0	QP	21.9	-17.9	35.0	187	100	Hori.	46.0	11.0
874.978	29.7	QP	21.9	-17.9	33.7	114	100	Vert.	46.0	12.3

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

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

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Radiated Spurious Emission (below 1GHz)
Reference Data
(Power Supply: DELTA)
DH5, Tx, Ch: Mid

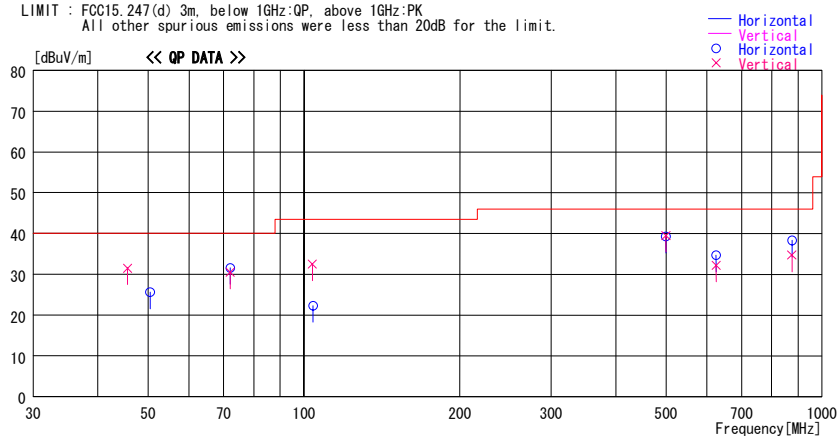
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2009/03/31

Company	: Sand Dollar Enterprise, Inc.	Report No.	: 29GE0205-HO-01
Kind of EUT	: Computer Entertainment System	Power	: AC 120V / 60Hz
Model No.	: CECH-2001A	Temp./Humi.	: 21deg.C. / 35%
Serial No.	: 1200168	Engineer	: Takumi Shimada

Mode / Remarks : BT, Tx, DH5, 2441MHz, Worst-axis(Hori:Y, Vert:X)

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]
50.422	39.6	QP	10.5	-24.5	25.6	73	400	Hori.	40.0	14.4
45.620	44.1	QP	12.1	-24.7	31.5	106	100	Vert.	40.0	8.5
72.004	49.4	QP	6.4	-24.2	31.6	269	300	Hori.	40.0	8.4
72.002	48.3	QP	6.4	-24.2	30.5	4	100	Vert.	40.0	9.5
104.070	35.8	QP	10.4	-23.9	22.3	0	282	Hori.	43.5	21.2
103.730	46.0	QP	10.4	-23.9	32.5	322	100	Vert.	43.5	11.0
499.974	40.9	QP	19.2	-20.8	39.3	48	100	Hori.	46.0	6.7
499.974	41.1	QP	19.2	-20.8	39.5	122	115	Vert.	46.0	6.5
624.986	33.9	QP	20.9	-20.1	34.7	48	227	Hori.	46.0	11.3
624.978	31.4	QP	20.9	-20.1	32.2	79	100	Vert.	46.0	13.8
874.961	32.7	QP	23.8	-18.2	38.3	241	100	Hori.	46.0	7.7
874.963	29.1	QP	23.8	-18.2	34.7	69	100	Vert.	46.0	11.3

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

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

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

UL Japan, Inc.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	:	Sand Dollar Enterprise, Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Computer Entertainment System	Test Distance	:	3m / 1m
Model	:	CECH-2001A	Date	:	03/31/2009 03/31/2009
S/N:	:	1200162	Temperature	:	21deg.C. 23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	35% 33%
Mode	:	Bluetooth, Tx 2402MHz, DH5	Engineer	:	Takumi Shimada Takayuki Shimada
Position	:	H: Y-axis, V: X-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1945.13	67.0	65.2	26.5	33.0	2.5	0.0	63.0	61.2	73.9	**10.9**	12.7
2	2390.00	48.7	46.6	27.2	32.7	2.8	0.0	46.0	43.9	73.9	27.9	30.0
3*	2400.00	51.2	55.3	27.2	32.7	2.8	0.0	48.5	52.6	73.9	-	-
4	4804.00	39.8	39.4	31.5	31.9	4.1	1.2	44.7	44.3	73.9	29.2	29.6
5	7206.00	40.4	40.1	36.0	32.6	4.6	1.0	49.4	49.1	73.9	24.5	24.8
6	9608.00	40.1	39.8	38.3	33.4	5.5	1.2	51.7	51.4	73.9	22.2	22.5
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12010.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	14412.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	16814.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	19216.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	21618.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	24020.00	43.9	43.6	38.4	32.5	8.4	0.0	48.7	48.4	73.9	25.2	25.5

AV DETECT (RBW: 1MHz, VBW: 10Hz or 270Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1*1)	1945.13	31.0	33.4	26.5	33.0	2.5	0.0	27.0	29.4	53.9	26.9	24.5
2	2390.00	30.9	31.4	27.2	32.7	2.8	0.0	28.2	28.7	53.9	25.7	25.2
3*	2400.00	43.2	47.1	27.2	32.7	2.8	0.0	40.5	44.4	53.9	-	-
4	4804.00	27.4	26.2	31.5	31.9	4.1	1.2	32.3	31.1	53.9	21.6	22.8
5	7206.00	26.7	26.8	36.0	32.6	4.6	1.0	35.7	35.8	53.9	18.2	18.1
6	9608.00	27.0	27.1	38.3	33.4	5.5	1.2	38.6	38.7	53.9	15.3	**15.2**
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12010.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	14412.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	16814.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	19216.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	21618.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	24020.00	31.0	31.0	38.4	32.5	8.4	0.0	35.8	35.8	53.9	18.1	18.1

*Reference data (Refe to next page(20dBc data sheet))
Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.
*In the frequency over the second harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*NS: Non Signal
*1) VBW: 10Hz

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

UL Japan, Inc.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	:	Sand Dollar Enterprise, Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Computer Entertainment System	Test Distance	:	3m
Model	:	CECH-2001A	Date	:	03/31/2009
S/N:	:	1200162	Temperature	:	21deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	35%
Mode	:	Bluetooth, Tx 2402MHz, DH5	Engineer	:	Takumi Shimada
Position	:	H: Y-axis, V: X-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	20dBc	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2402.00	94.4	98.9	27.2	32.7	2.8	0.0	91.7	96.2	-	-	-
3	2400.00	39.1	42.4	27.2	32.7	2.8	0.0	36.4	39.7	Funda-20dB	35.3	36.5

*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)
(Power Supply: SONY)
DH5, Tx, Ch: Mid

UL Japan, Inc.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	:	Sand Dollar Enterprise, Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Computer Entertainment System	Test Distance	:	3m / 1m
Model	:	CECH-2001A	Date	:	03/31/2009
S/N:	:	1200162	Temperature	:	21deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	35%
Mode	:	Bluetooth, Tx 2441MHz, DH5	Engineer	:	Takumi Shimada
Position	:	H: Y-axis, V: X-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1943.88	69.6	61.5	26.5	33.0	2.5	0.0	65.6	57.5	73.9	**8.3**	16.4
2	4882.00	40.2	40.2	31.7	31.9	4.2	1.1	45.3	45.3	73.9	28.6	28.6
3	7323.00	40.0	40.5	36.1	32.6	4.6	1.0	49.1	49.6	73.9	24.8	24.3
4	9764.00	41.8	41.2	38.5	33.4	5.6	1.3	53.8	53.2	73.9	20.1	20.7
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12205.00	NS	NS	-	-	-	-	-	-	73.9	-	-
6	14646.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	17087.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	19528.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	21969.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	24410.00	42.7	42.6	38.6	32.3	8.4	0.0	47.9	47.8	73.9	26.0	26.1

AV DETECT (RBW: 1MHz, VBW: 10Hz or 270Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1*1)	1943.88	34.1	30.5	26.5	33.0	2.5	0.0	30.1	26.5	53.9	23.8	27.4
2	4882.00	27.8	27.5	31.7	31.9	4.2	1.1	32.9	32.6	53.9	21.0	21.3
3	7323.00	27.2	27.6	36.1	32.6	4.6	1.0	36.3	36.7	53.9	17.6	17.2
4	9764.00	28.3	28.7	38.5	33.4	5.6	1.3	40.3	40.7	53.9	13.6	**13.2**
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12205.00	NS	NS	-	-	-	-	-	-	53.9	-	-
6	14646.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	17087.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	19528.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	21969.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	24410.00	30.0	29.9	38.6	32.3	8.4	0.0	35.2	35.1	53.9	18.7	18.8

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*In the frequency over the second harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*NS: Non Signal
*1) VBW: 10Hz

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

UL Japan, Inc.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	:	Sand Dollar Enterprise, Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Computer Entertainment System	Test Distance	:	3m / 1m
Model	:	CECH-2001A	Date	:	03/31/2009 03/31/2009
S/N:	:	1200162	Temperature	:	21deg.C. 23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	35% 33%
Mode	:	Bluetooth, Tx 2480MHz, DH5	Engineer	:	Takumi Shimada Takayuki Shimada
Position	:	H: Y-axis, V: X-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1944.73	65.8	66.0	26.5	33.0	2.5	0.0	61.8	62.0	73.9	12.1	**11.9**
2	2483.50	47.8	46.6	27.3	32.7	2.8	0.0	45.2	44.0	73.9	28.7	29.9
3	4960.00	39.6	39.6	31.8	31.9	4.2	1.1	44.8	44.8	73.9	29.1	29.1
4	7440.00	40.8	40.8	36.3	32.7	4.7	1.0	50.1	50.1	73.9	23.8	23.8
5	9920.00	40.1	40.4	38.6	33.5	5.6	1.4	52.2	52.5	73.9	21.7	21.4
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12400.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14880.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	17360.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19840.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	22320.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24800.00	44.6	44.4	38.9	32.2	8.5	0.0	50.3	50.1	73.9	23.6	23.8

AV DETECT (RBW: 1MHz, VBW: 10Hz or 270Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1*1)	1944.73	30.1	33.1	26.5	33.0	2.5	0.0	26.1	29.1	53.9	27.8	24.8
2	2483.50	33.4	32.5	27.3	32.7	2.8	0.0	30.8	29.9	53.9	23.1	24.0
3	4960.00	28.8	26.6	31.8	31.9	4.2	1.1	34.0	31.8	53.9	19.9	22.1
4	7440.00	27.8	28.0	36.3	32.7	4.7	1.0	37.1	37.3	53.9	16.8	16.6
5	9920.00	27.9	27.9	38.6	33.5	5.6	1.4	40.0	40.0	53.9	**13.9**	**13.9**
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12400.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14880.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	17360.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19840.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	22320.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24800.00	31.7	31.7	38.9	32.2	8.5	0.0	37.4	37.4	53.9	16.5	16.5

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.
*In the frequency over the second harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*NS: Non Signal
*1) VBW: 10Hz

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

UL Japan, Inc.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	:	Sand Dollar Enterprise, Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Computer Entertainment System	Test Distance	:	3m / 1m
Model	:	CECH-2001A	Date	:	03/31/2009
S/N:	:	1200162	Temperature	:	23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	33%
Mode	:	Bluetooth, Tx 2402MHz, 3DH5	Engineer	:	Takayuki Shimada
Position	:	H: Y-axis, V: X-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1943.99	68.7	67.4	26.5	33.0	2.5	0.0	64.7	63.4	73.9	**9.2**	10.5
2	2390.00	48.9	46.6	27.2	32.7	2.8	0.0	46.2	43.9	73.9	27.7	30.0
3*	2400.00	58.1	61.7	27.2	32.7	2.8	0.0	55.4	59.0	73.9	-	-
4	4804.00	39.1	39.1	31.5	31.9	4.1	1.2	44.0	44.0	73.9	29.9	29.9
5	7206.00	40.2	40.2	36.0	32.6	4.6	1.0	49.2	49.2	73.9	24.7	24.7
6	9608.00	40.2	40.4	38.3	33.4	5.5	1.2	51.8	52.0	73.9	22.1	21.9
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12010.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	14412.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	16814.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	19216.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	21618.00	NS	NS	-	-	-	-	-	-	73.9	-	-
12	24020.00	43.9	43.8	38.4	32.5	8.4	0.0	48.7	48.6	73.9	25.2	25.3

AV DETECT (RBW: 1MHz, VBW: 10Hz or 270Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1*1)	1943.99	33.1	34.0	26.5	33.0	2.5	0.0	29.1	30.0	53.9	24.8	23.9
2	2390.00	31.6	31.4	27.2	32.7	2.8	0.0	28.9	28.7	53.9	25.0	25.2
3*	2400.00	44.2	48.1	27.2	32.7	2.8	0.0	41.5	45.4	53.9	-	-
4	4804.00	26.1	26.1	31.5	31.9	4.1	1.2	31.0	31.0	53.9	22.9	22.9
5	7206.00	26.9	26.9	36.0	32.6	4.6	1.0	35.9	35.9	53.9	18.0	18.0
6	9608.00	27.1	27.1	38.3	33.4	5.5	1.2	38.7	38.7	53.9	**15.2**	**15.2**
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12010.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	14412.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	16814.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	19216.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	21618.00	NS	NS	-	-	-	-	-	-	53.9	-	-
12	24020.00	31.0	31.0	38.4	32.5	8.4	0.0	35.8	35.8	53.9	18.1	18.1

*Reference data (Refe to next page(20dBc data sheet))
Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.
*In the frequency over the second harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*NS: Non Signal
*1) VBW: 10Hz

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

UL Japan, Inc.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	:	Sand Dollar Enterprise, Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Computer Entertainment System	Test Distance	:	3m
Model	:	CECH-2001A	Date	:	03/31/2009
S/N:	:	1200162	Temperature	:	23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	33%
Mode	:	Bluetooth, Tx 2402MHz, 3DH5	Engineer	:	Takayuki Shimada
Position	:	H: Y-axis, V: X-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	20dBc	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2402.00	93.9	98.0	27.2	32.7	2.8	0.0	91.2	95.3	-	-	-
3	2400.00	46.8	50.0	27.2	32.7	2.8	0.0	44.1	47.3	Funda-20dB	27.1	28.0

*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)
(Power Supply: SONY)
3DH5, Tx, Ch: Mid

UL Japan, Inc.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	:	Sand Dollar Enterprise, Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Computer Entertainment System	Test Distance	:	3m / 1m
Model	:	CECH-2001A	Date	:	03/31/2009
S/N:	:	1200162	Temperature	:	23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	33%
Mode	:	Bluetooth, Tx 2441MHz, 3DH5	Engineer	:	Takayuki Shimada
Position	:	H: Y-axis, V: X-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1943.85	70.4	67.5	26.5	33.0	2.5	0.0	66.4	63.5	73.9	**7.5**	10.4
2	4882.00	39.1	39.0	31.7	31.9	4.2	1.1	44.2	44.1	73.9	29.7	29.8
3	7323.00	38.4	38.7	36.1	32.6	4.6	1.0	47.5	47.8	73.9	26.4	26.1
4	9764.00	39.7	39.8	38.5	33.4	5.6	1.3	51.7	51.8	73.9	22.2	22.1
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12205.00	NS	NS	-	-	-	-	-	-	73.9	-	-
6	14646.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	17087.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	19528.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	21969.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	24410.00	42.6	42.5	38.6	32.3	8.4	0.0	47.8	47.7	73.9	26.1	26.2

AV DETECT (RBW: 1MHz, VBW: 10Hz or 270Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1*1)	1943.85	33.9	33.9	26.5	33.0	2.5	0.0	29.9	29.9	53.9	24.0	24.0
2	4882.00	26.4	26.4	31.7	31.9	4.2	1.1	31.5	31.5	53.9	22.4	22.4
3	7323.00	26.2	26.2	36.1	32.6	4.6	1.0	35.3	35.3	53.9	18.6	18.6
4	9764.00	27.1	27.1	38.5	33.4	5.6	1.3	39.1	39.1	53.9	**14.8**	**14.8**
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12205.00	NS	NS	-	-	-	-	-	-	53.9	-	-
6	14646.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	17087.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	19528.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	21969.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	24410.00	30.0	30.0	38.6	32.3	8.4	0.0	35.2	35.2	53.9	18.7	18.7

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*In the frequency over the second harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*NS: Non Signal
*1) VBW: 10Hz

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

UL Japan, Inc.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	:	Sand Dollar Enterprise, Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Computer Entertainment System	Test Distance	:	3m / 1m
Model	:	CECH-2001A	Date	:	03/31/2009
S/N:	:	1200162	Temperature	:	23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	33%
Mode	:	Bluetooth, Tx 2480MHz, 3DH5	Engineer	:	Takayuki Shimada
Position	:	H: Y-axis, V: X-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1943.98	70.3	67.3	26.5	33.0	2.5	0.0	66.3	63.3	73.9	**7.6**	10.6
2	2483.50	57.2	57.3	27.3	32.7	2.8	0.0	54.6	54.7	73.9	19.3	19.2
3	4960.00	38.7	38.9	31.8	31.9	4.2	1.1	43.9	44.1	73.9	30.0	29.8
4	7440.00	40.2	40.2	36.3	32.7	4.7	1.0	49.5	49.5	73.9	24.4	24.4
5	9920.00	40.0	40.1	38.6	33.5	5.6	1.4	52.1	52.2	73.9	21.8	21.7
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12400.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14880.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	17360.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19840.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	22320.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24800.00	44.6	44.8	38.9	32.2	8.5	0.0	50.3	50.5	73.9	23.6	23.4

AV DETECT (RBW: 1MHz, VBW: 10Hz or 270Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1*1)	1943.98	33.5	33.7	26.5	33.0	2.5	0.0	29.5	29.7	53.9	24.4	24.2
2	2483.50	34.4	34.6	27.3	32.7	2.8	0.0	31.8	32.0	53.9	22.1	21.9
3	4960.00	26.4	26.4	31.8	31.9	4.2	1.1	31.6	31.6	53.9	22.3	22.3
4	7440.00	27.9	27.9	36.3	32.7	4.7	1.0	37.2	37.2	53.9	16.7	16.7
5	9920.00	27.7	27.7	38.6	33.5	5.6	1.4	39.8	39.8	53.9	**14.1**	**14.1**
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12400.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14880.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	17360.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19840.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	22320.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24800.00	31.8	31.8	38.9	32.2	8.5	0.0	37.5	37.5	53.9	16.4	16.4

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.
*In the frequency over the second harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*NS: Non Signal
*1) VBW: 10Hz

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

UL Japan, Inc.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	:	Sand Dollar Enterprise, Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Computer Entertainment System	Test Distance	:	3m
Model	:	CECH-2001A	Date	:	03/31/2009
S/N:	:	1200162	Temperature	:	23deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	33%
Mode	:	Bluetooth, Rx 2441MHz	Engineer	:	Takayuki Shimada
Position	:	H: Y-axis, V: X-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1944.01	70.3	67.4	26.5	33.0	2.5	0.0	66.3	63.4	73.9	**7.6**	10.5
2	2441.00	40.9	41.0	27.2	32.7	2.8	0.0	38.2	38.3	73.9	35.7	35.6
3	4882.00	38.8	39.0	31.7	31.9	3.9	0.0	42.5	42.7	73.9	31.4	31.2
4	7323.00	38.3	38.6	36.1	32.6	4.2	0.0	46.0	46.3	73.9	27.9	27.6

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1944.01	33.9	33.5	26.5	33.0	2.5	0.0	29.9	29.5	53.9	24.0	24.4
2	2441.00	27.8	27.8	27.2	32.7	2.8	0.0	25.1	25.1	53.9	28.8	28.8
3	4882.00	25.7	25.7	31.7	31.9	3.9	0.0	29.4	29.4	53.9	24.5	24.5
4	7323.00	25.6	25.6	36.1	32.6	4.2	0.0	33.3	33.3	53.9	**20.6**	**20.6**

*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
(Power Supply: DELTA)
DH5, Tx, Ch: Mid

UL Japan, Inc.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	:	Sand Dollar Enterprise, Inc.	Regulation	:	FCC15.247(d) / RSS-210 A8.5
Equipment	:	Computer Entertainment System	Test Distance	:	3m / 1m
Model	:	CECH-2001A	Date	:	03/31/2009
S/N:	:	1200168	Temperature	:	21deg.C.
Power	:	AC 120V / 60Hz	Humidity	:	35%
Mode	:	Bluetooth, Tx 2441MHz, DH5	Engineer	:	Takumi Shimada
Position	:	H: Y-axis, V: X-axis			

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

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1948.63	67.2	50.8	26.5	33.0	2.5	0.0	63.2	46.8	73.9	**10.7**	27.1
2	4882.00	39.3	39.1	31.7	31.9	4.2	1.1	44.4	44.2	73.9	29.5	29.7
3	7323.00	39.2	38.5	36.1	32.6	4.6	1.0	48.3	47.6	73.9	25.6	26.3
4	9764.00	40.1	40.8	38.5	33.4	5.6	1.3	52.1	52.8	73.9	21.8	21.1
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12205.00	NS	NS	-	-	-	-	-	-	73.9	-	-
6	14646.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	17087.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	19528.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	21969.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	24410.00	42.5	42.7	38.6	32.3	8.4	0.0	47.7	47.9	73.9	26.2	26.0

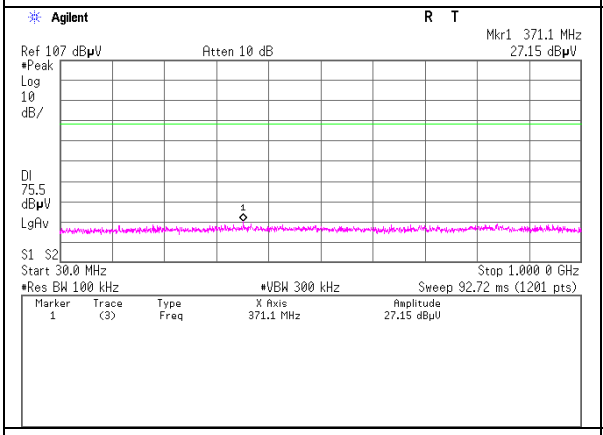
AV DETECT (RBW: 1MHz, VBW: 10Hz or 270Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1*1)	1948.63	36.8	32.0	26.5	33.0	2.5	0.0	32.8	28.0	53.9	21.1	25.9
2	4882.00	28.1	26.2	31.7	31.9	4.2	1.1	33.2	31.3	53.9	20.7	22.6
3	7323.00	26.1	26.4	36.1	32.6	4.6	1.0	35.2	35.5	53.9	18.7	18.4
4	9764.00	27.3	27.2	38.5	33.4	5.6	1.3	39.3	39.2	53.9	**14.6**	14.7
Test distance 1meter RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12205.00	NS	NS	-	-	-	-	-	-	53.9	-	-
6	14646.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	17087.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	19528.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	21969.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	24410.00	30.0	30.0	38.6	32.3	8.4	0.0	35.2	35.2	53.9	18.7	18.7

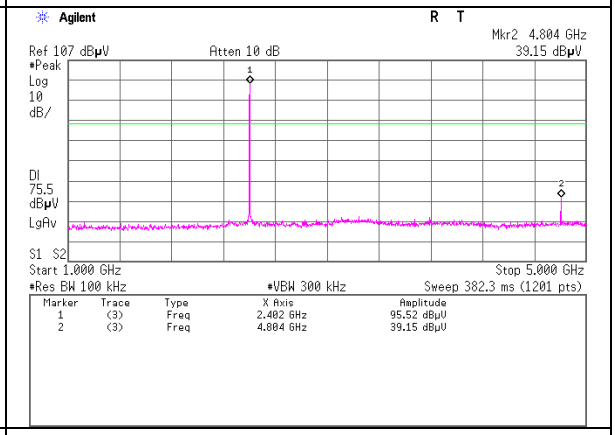
Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*In the frequency over the second harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*NS: Non Signal
*1) VBW: 10Hz

Conducted Spurious Emission
DH5, Tx, Ch: Low

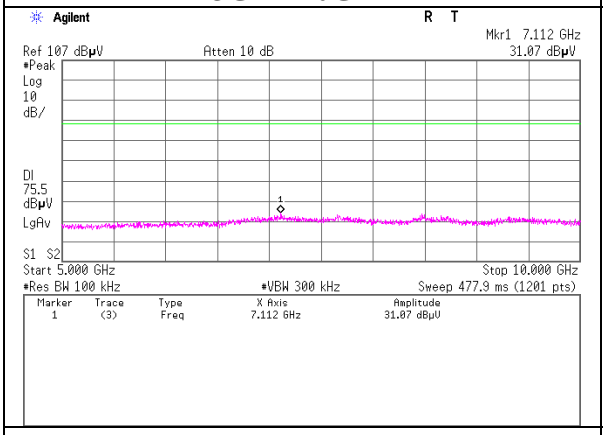
30MHz-1GHz



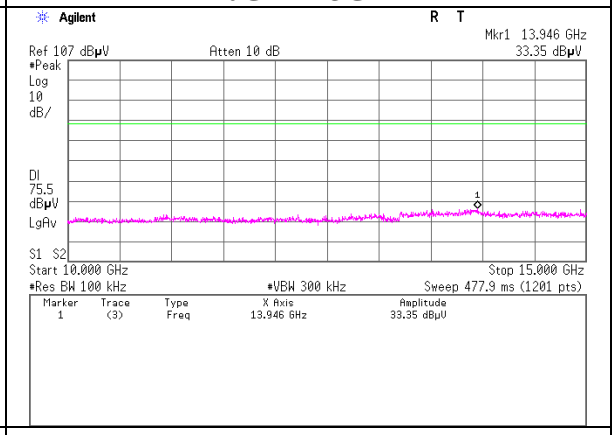
1GHz-5GHz



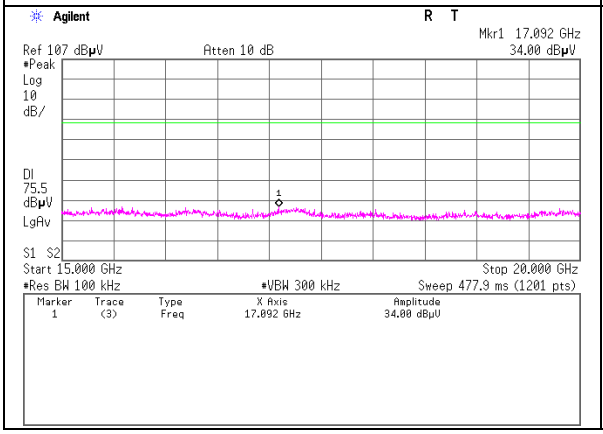
5GHz-10GHz



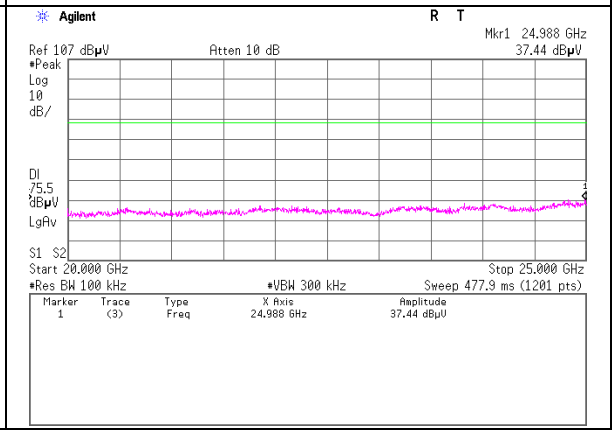
10GHz-15GHz



15GHz-20GHz

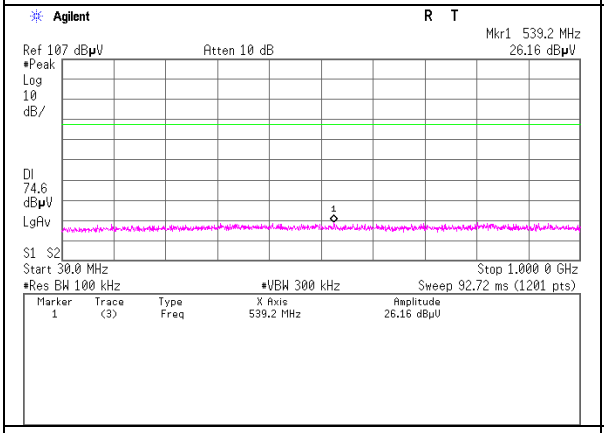


20GHz-25GHz

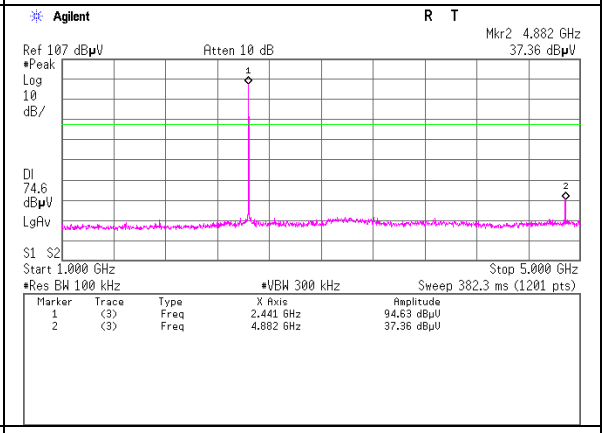


Conducted Spurious Emission
DH5, Tx, Ch: Mid

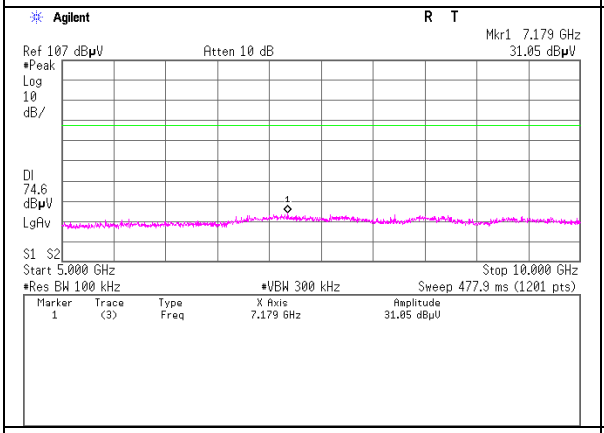
30MHz-1GHz



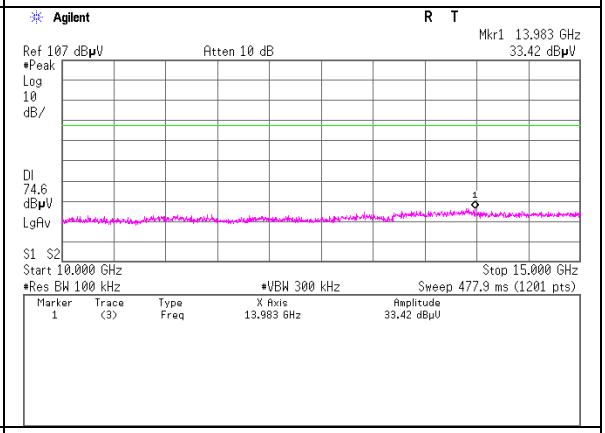
1GHz-5GHz



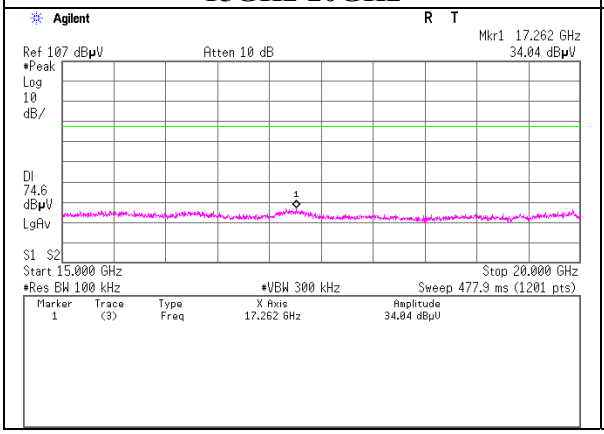
5GHz-10GHz



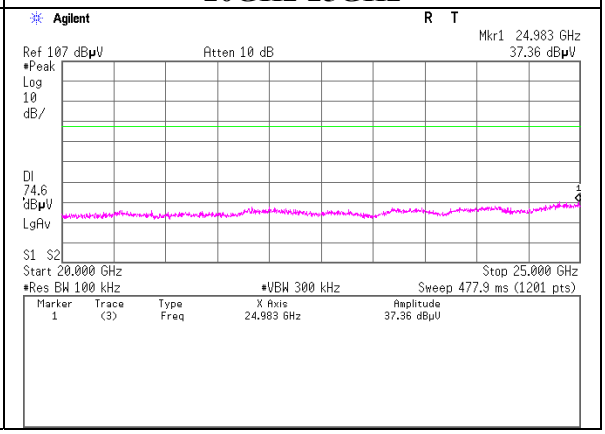
10GHz-15GHz



15GHz-20GHz



20GHz-25GHz



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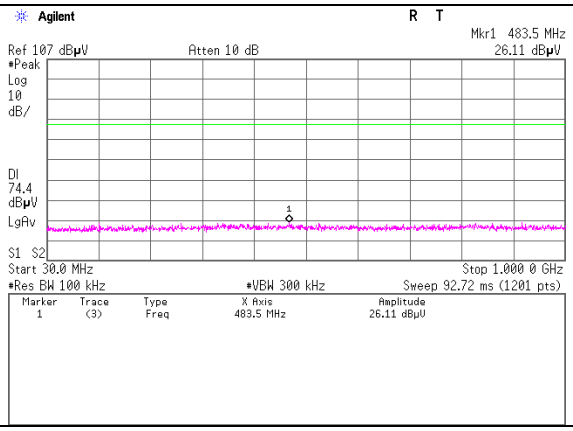
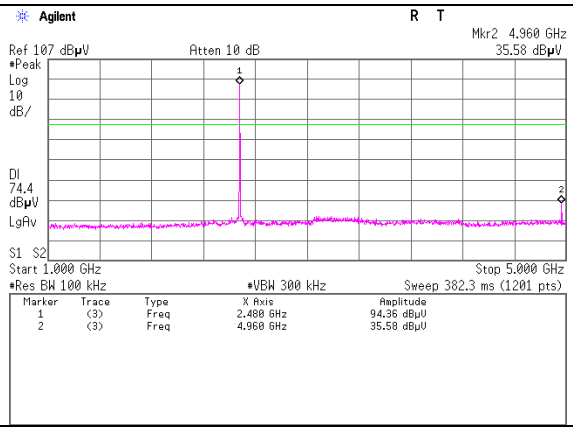
Conducted Spurious Emission
DH5, Tx, Ch: High

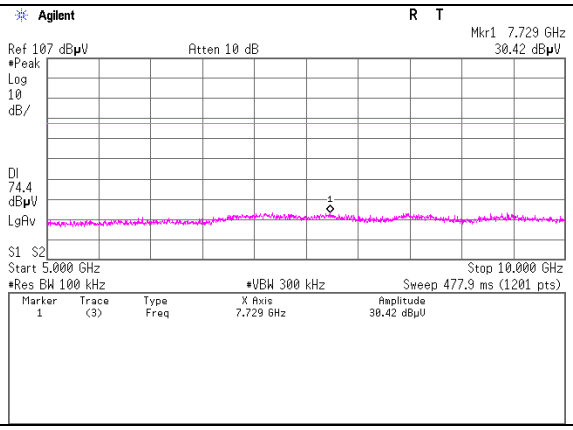
30MHz-1GHz



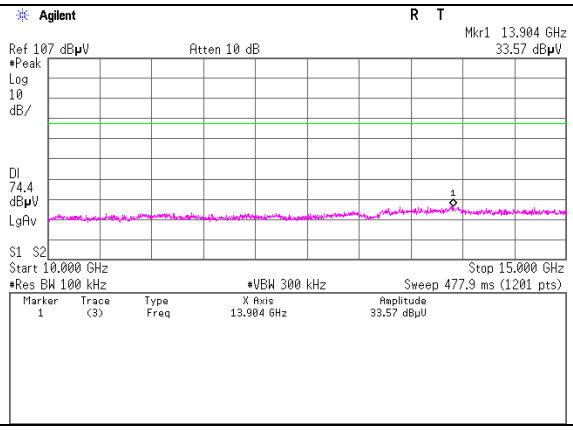
1GHz-5GHz



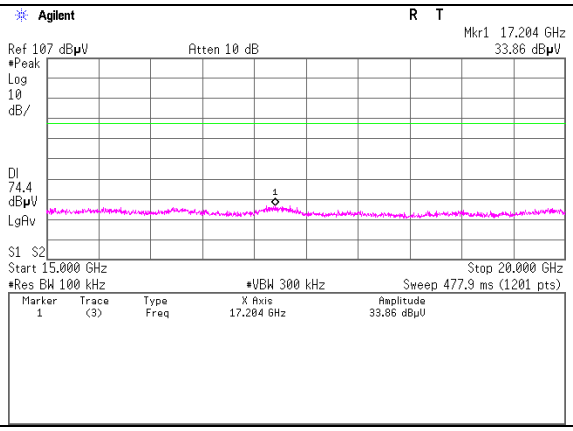
5GHz-10GHz



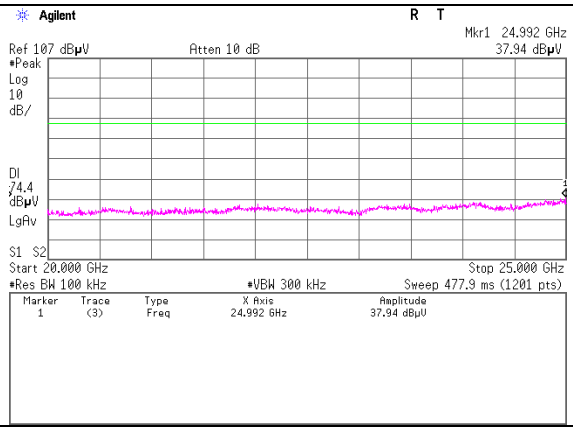
10GHz-15GHz



15GHz-20GHz



20GHz-25GHz



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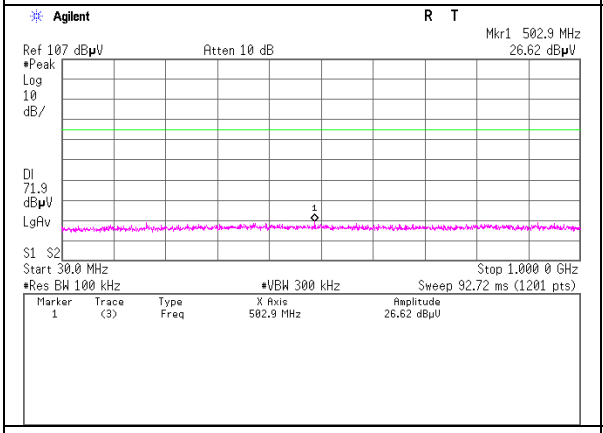
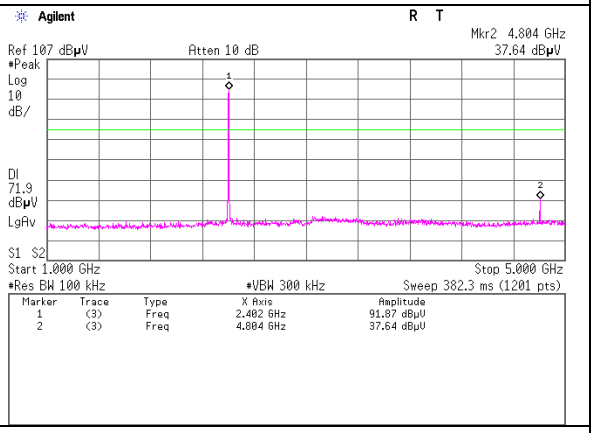
Conducted Spurious Emission
3DH5, Tx, Ch: Low

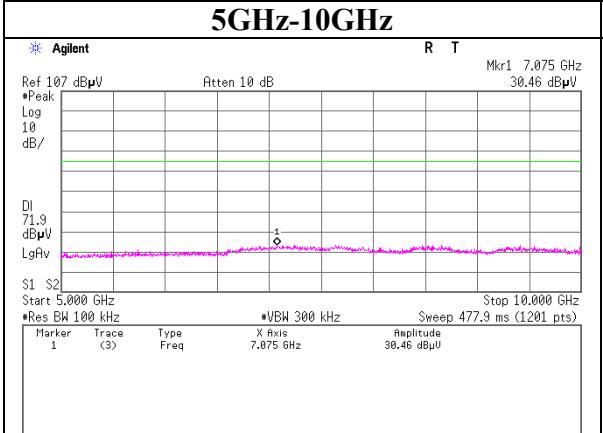
30MHz-1GHz



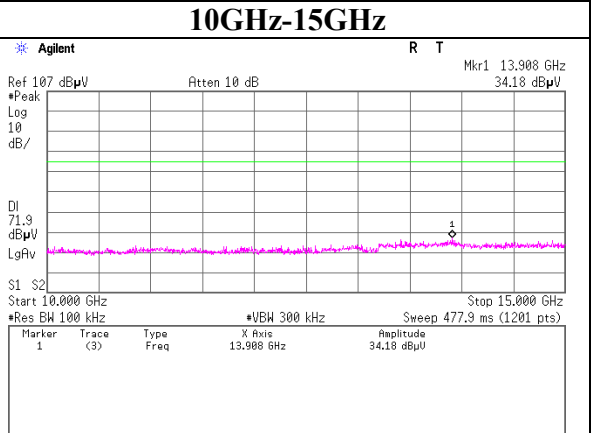
1GHz-5GHz



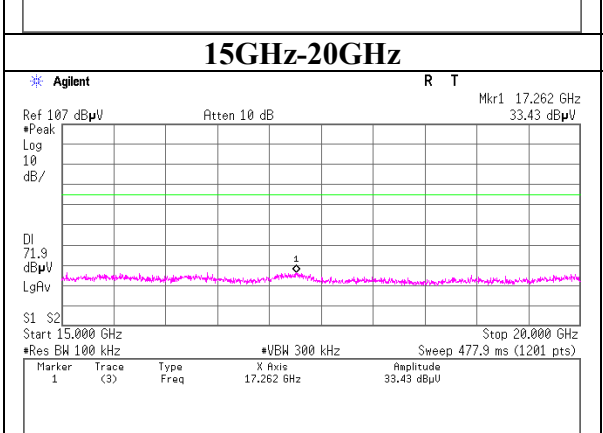
5GHz-10GHz



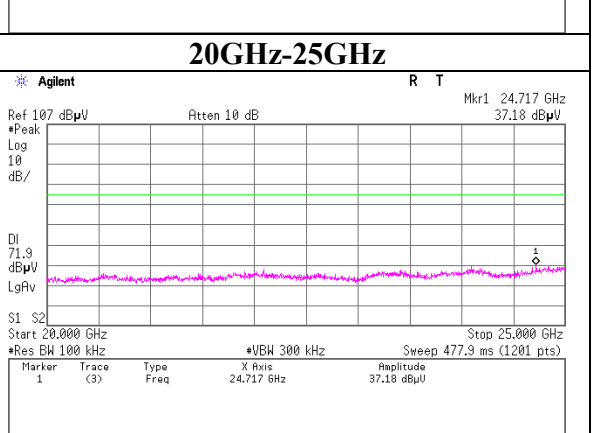
10GHz-15GHz



15GHz-20GHz



20GHz-25GHz



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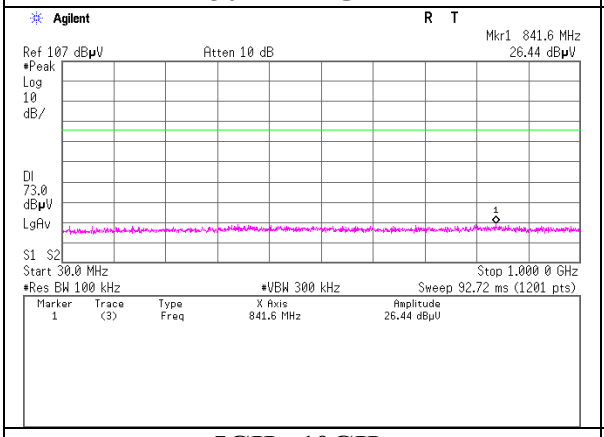
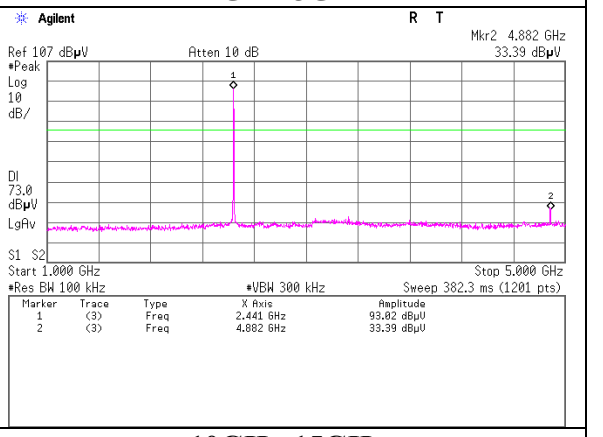
Conducted Spurious Emission
3DH5, Tx, Ch: Mid

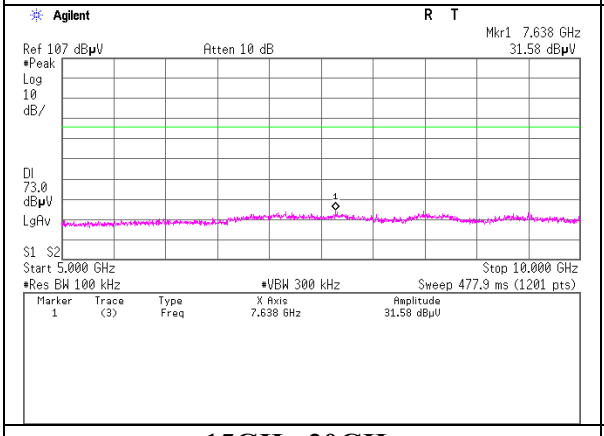
30MHz-1GHz



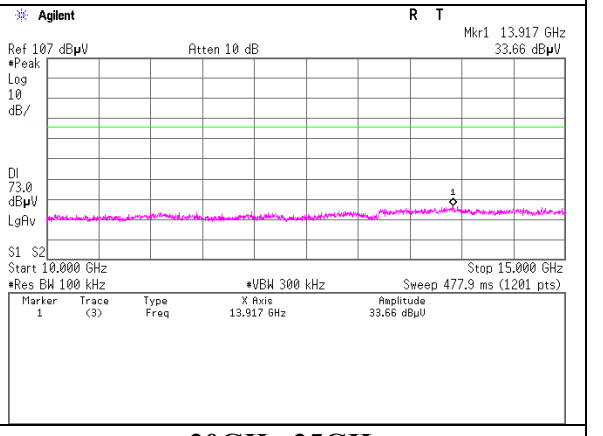
1GHz-5GHz



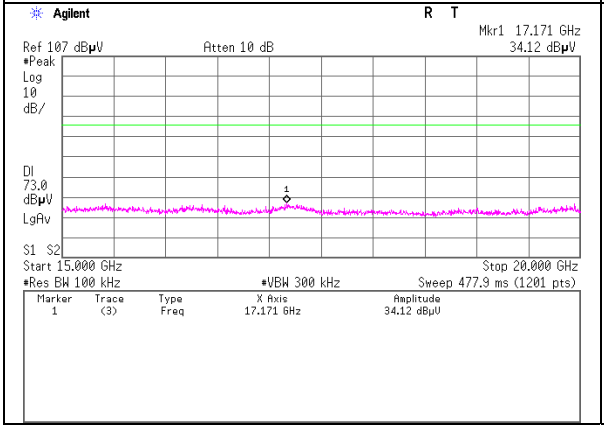
5GHz-10GHz



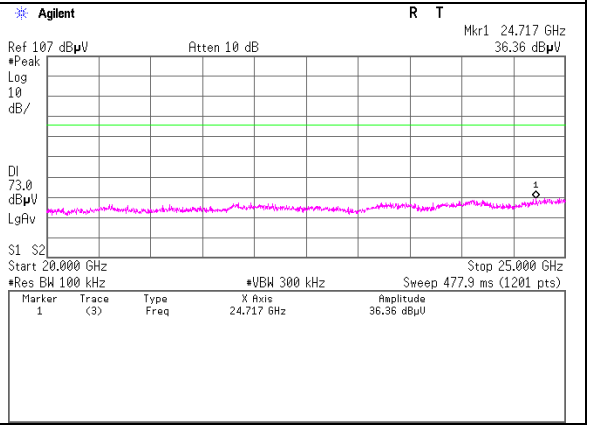
10GHz-15GHz



15GHz-20GHz



20GHz-25GHz



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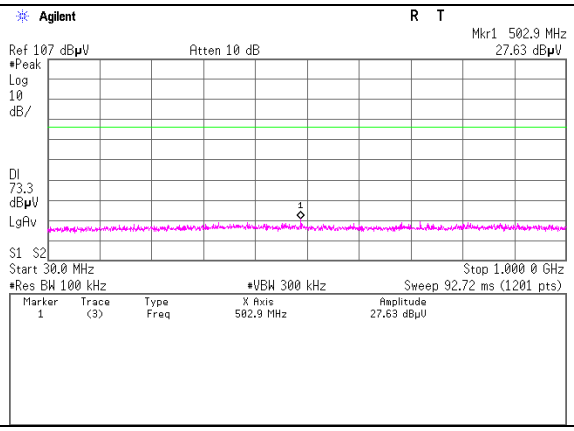
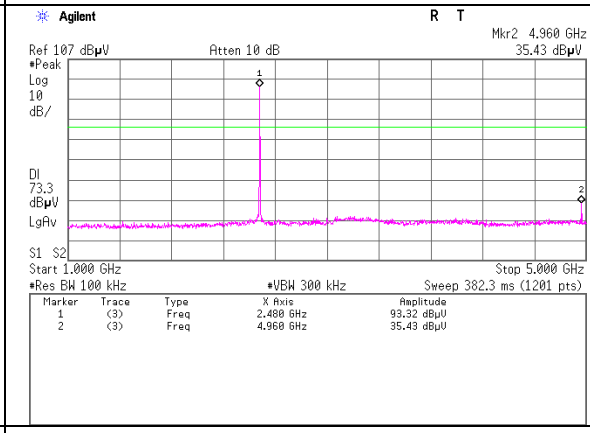
Conducted Spurious Emission
3DH5, Tx, Ch: High

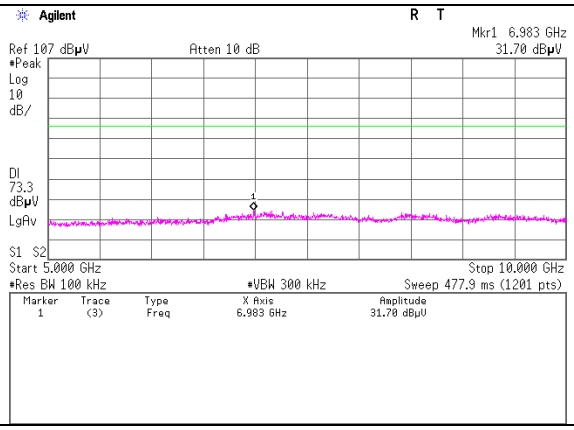
30MHz-1GHz



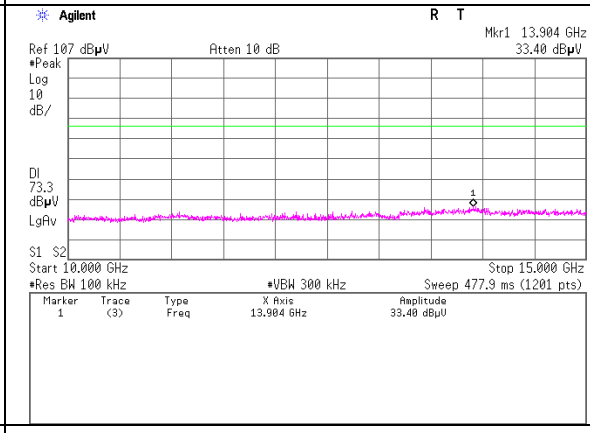
1GHz-5GHz



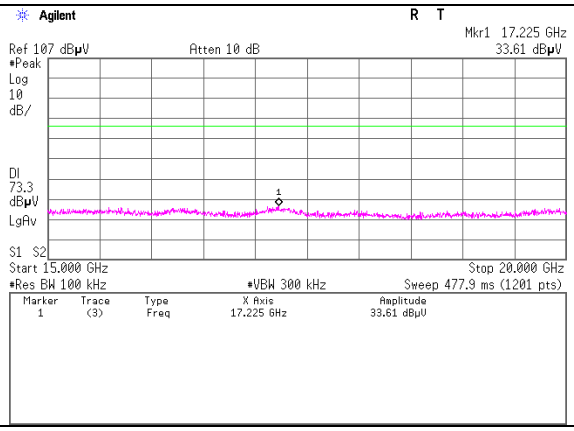
5GHz-10GHz



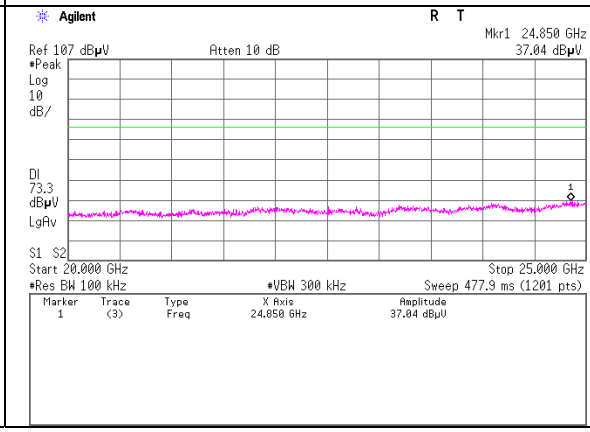
10GHz-15GHz



15GHz-20GHz



20GHz-25GHz



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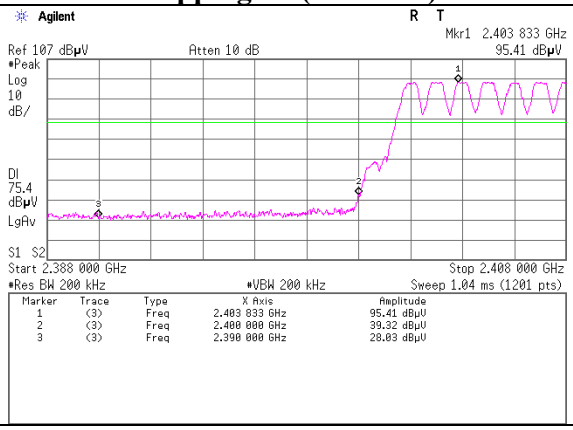
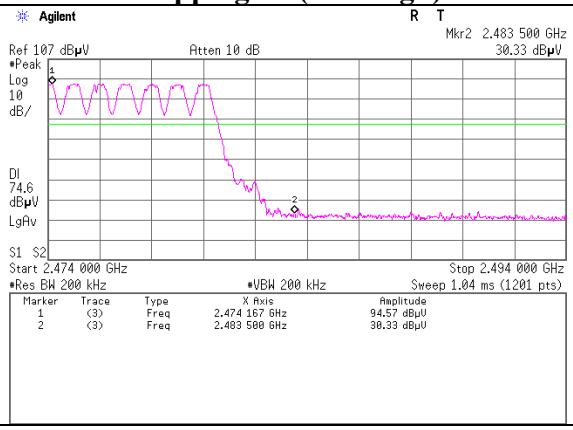
Conducted Spurious Emission
DH5, Band Edge compliance

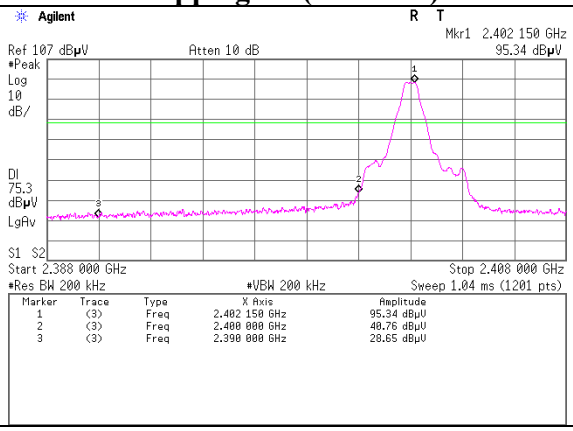
Hopping on (Ch: Low)



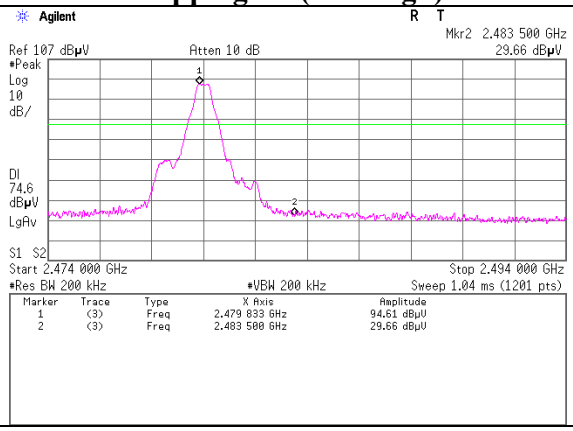
Hopping on (Ch: High)



Hopping off (Ch: Low)

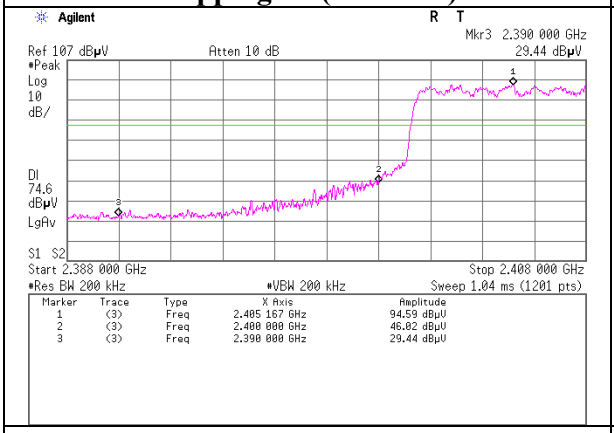


Hopping off (Ch: High)

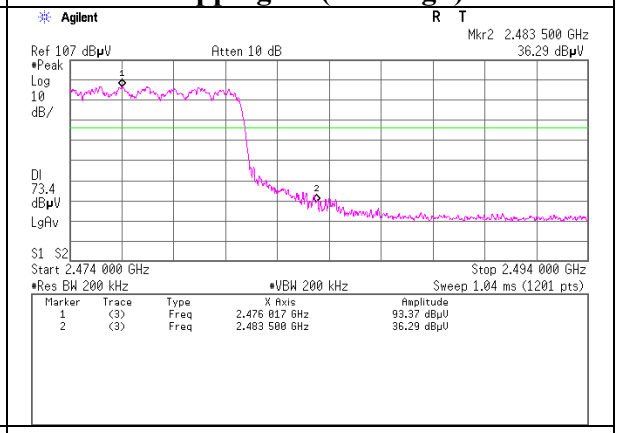


Conducted Spurious Emission
3DH5, Band Edge compliance

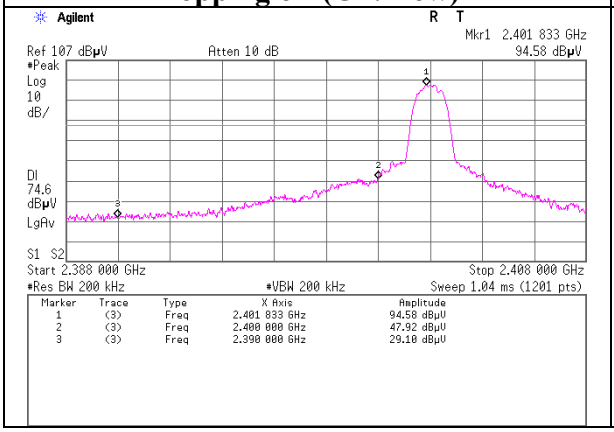
Hopping on (Ch: Low)



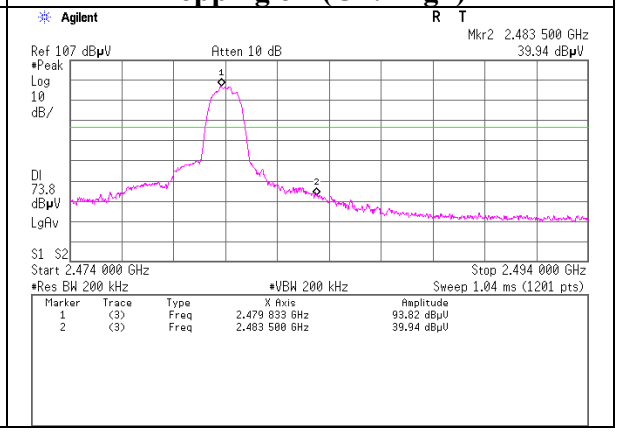
Hopping on (Ch: High)



Hopping off (Ch: Low)



Hopping off (Ch: High)



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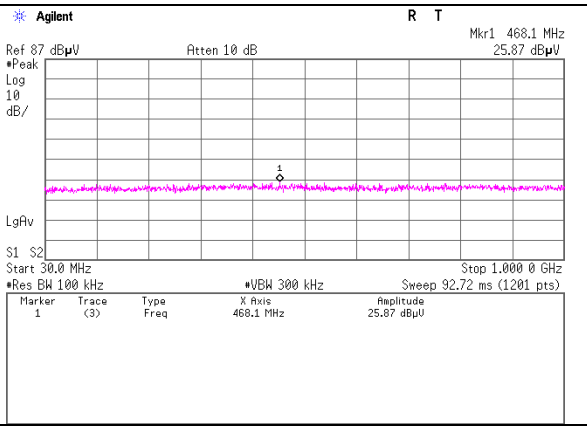
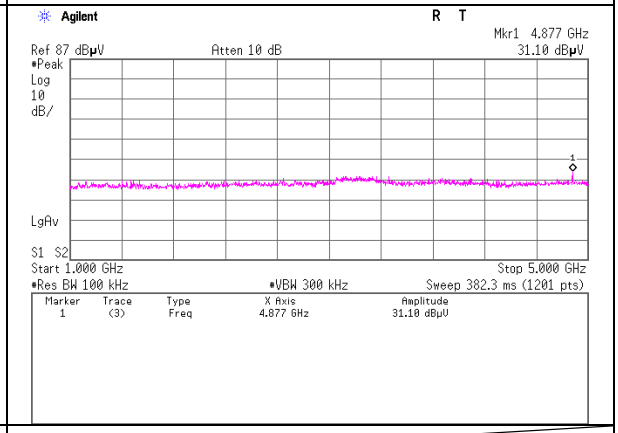
Conducted Spurious Emission
Rx, Ch: Mid

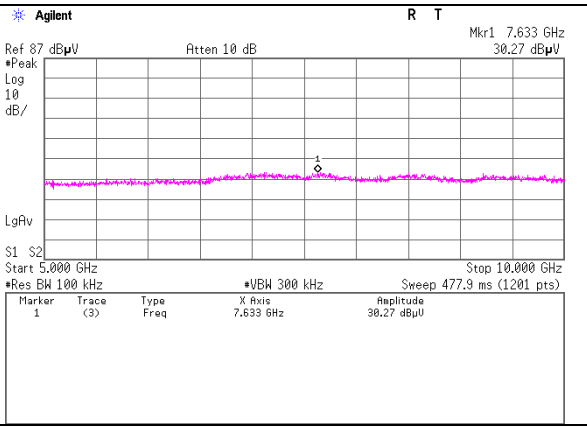
30MHz-1GHz



1GHz-5GHz



5GHz-10GHz



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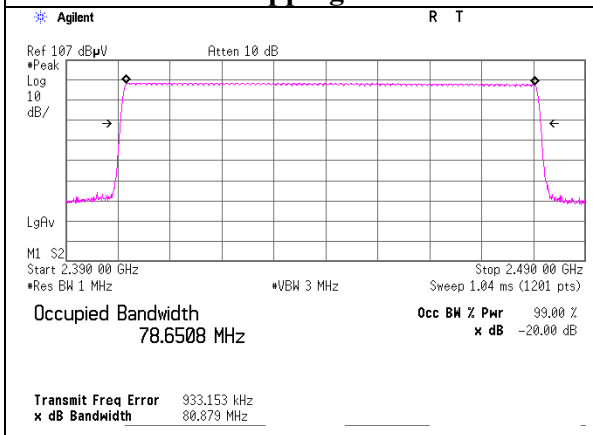
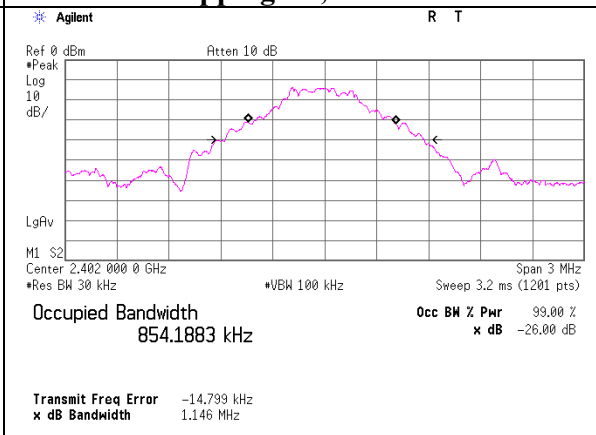
99% Occupied Bandwidth
DH5

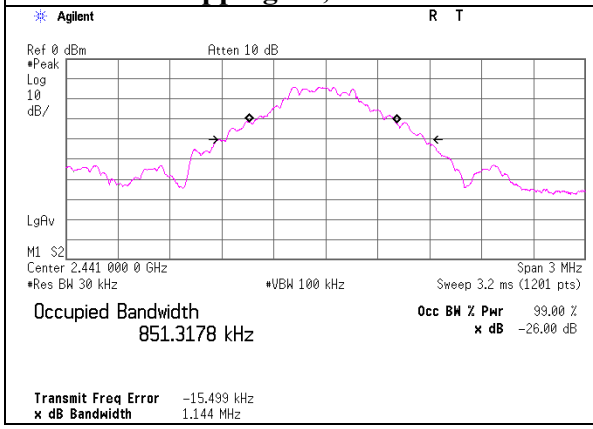
Hopping on



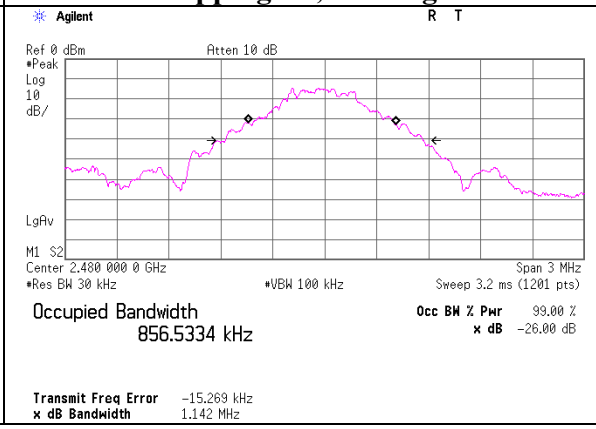
Hopping off, Ch: Low



Hopping off, Ch: Mid



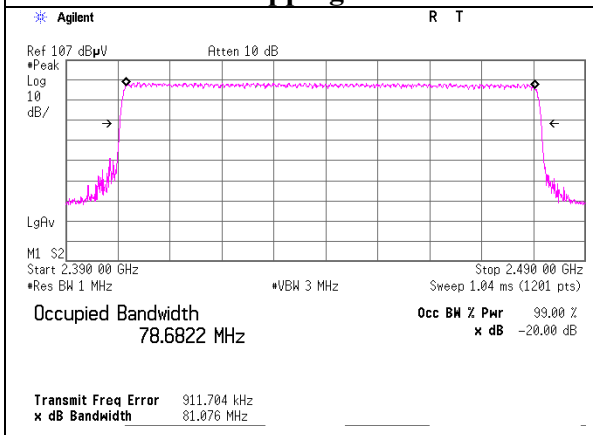
Hopping off, Ch: High



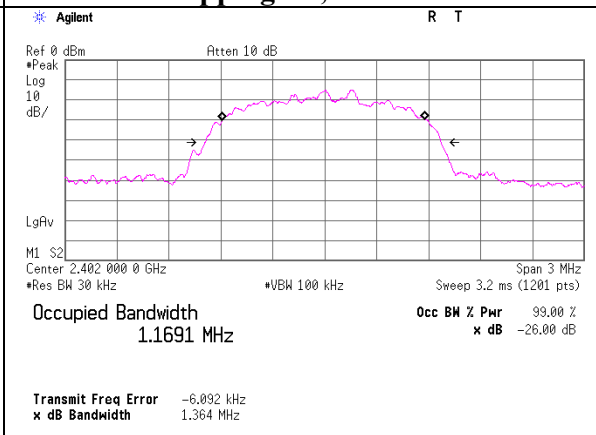
***Refer to 20dB Bandwidth for 99% Occupied Bandwidth, inquiry mode**

99% Occupied Bandwidth
3DH5

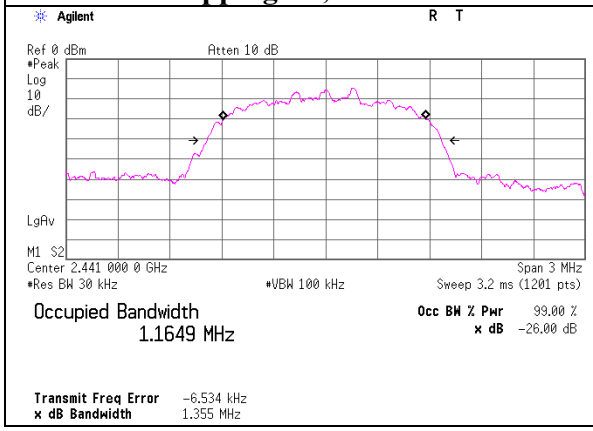
Hopping on



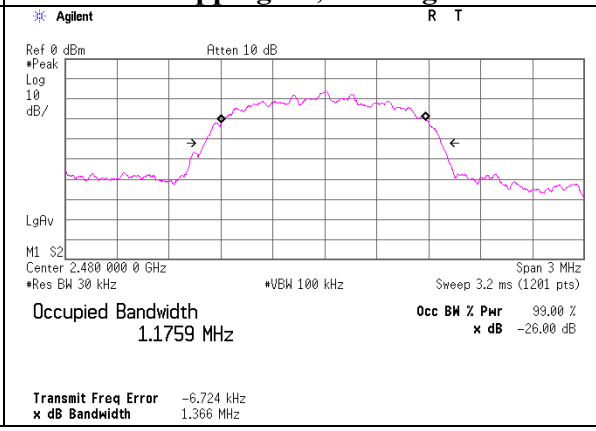
Hopping off, Ch: Low



Hopping off, Ch: Mid



Hopping off, Ch: High



***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)
MSA-10	Spectrum Analyzer	Agilent	E4448A	MY46180655	RE	2009/02/25 * 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
MOS-12	Thermo-Hygrometer	Custom	CTH-180	-	AT	2009/01/13 * 12
MSA-03	Spectrum Analyzer	Agilent	E4448A	MY44020357	AT	2008/11/07 * 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
MAT-22	Attenuator(10dB) DC-18GHz	Orient Microwave	BX10-0476-00	-	AT	2009/03/24 * 12
MCC-67	Microwave Cable 1G-40GHz	Schner	SUCOFLEX102	28635/2	AT	2008/04/04 * 12
MAEC-04	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	RE	2009/02/03 * 12
MOS-15	Thermo-Hygrometer	Custom	CTH-180	-	RE	2009/02/06 * 12
MJM-07	Measure	PROMART	SEN1955	-	RE	-
MSA-05	Spectrum Analyzer	Advantest	R3273	160400285	RE	2008/06/25 * 12
MTR-07	Test Receiver	Rohde & Schwarz	ESCI	100635	RE	2008/10/03 * 12
MBA-05	Biconical Antenna	Schwarzbeck	BBA9106	1302	RE	2009/01/10 * 12
MLA-08	Logperiodic Antenna	Schwarzbeck	UKLP9140-A	N/A	RE	2009/01/10 * 12
MCC-50	Coaxial cable	UL Japan	-	-	RE	2009/03/18 * 12
MAT-31	Attenuator(6dB)	TME	UFA-01	-	RE	2009/03/03 * 12
MPA-14	Pre Amplifier	SONOMA INSTRUMENT	310	260833	RE	2009/03/18 * 12
MHA-21	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	9120D-557	RE	2008/08/11 * 12
MCC-57	Microwave Cable 1G-26.5GHz (6.0m)	Suhner	SUCOFLEX104	246769(1m) / 292411(5m)	RE	2008/11/05 * 12
MPA-12	MicroWave System Amplifier	Agilent	83017A	MY39500780	RE	2009/03/19 * 12
MHA-17	Horn Antenna 15-40GHz	Schwarzbeck	BBHA9170	BBHA9170307	RE	2008/04/30 * 12
MCC-79	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	278923/4	RE	2008/12/17 * 12
MHF-20	High Pass Filter 3.5-18.0GHz	TOKIMEC	TF323DCC	607	RE	2008/12/12 * 12

EMI test equipment(2/2)

Control No.	Instrument	Manufacturer	Model No	Serial No	Test Item	Calibration Date * Interval(month)
MAEC-03	Anechoic Chamber(NSA)	TDK	Semi Anechoic Chamber 3m	DA-10005	RE/CE	2009/02/02 * 12
MOS-13	Thermo-Hygrometer	Custom	CTH-180	-	RE/CE	2009/02/06 * 12
MJM-06	Measure	PROMART	SEN1955	-	RE/CE	-
CUST-MSTW-14	EMI measurement program	TSJ	TEPTO-DV	-	RE/CE	-
MSA-09	Spectrum Analyzer	Advantest	R3273	95090115	RE/CE	2008/12/24 * 12
MTR-08	Test Receiver	Rohde & Schwarz	ESCI	100767	RE/CE	2008/06/12 * 12
MBA-03	Biconical Antenna	Schwarzbeck	BBA9106	1915	RE	2009/01/19 * 12
MLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	174	RE	2009/01/10 * 12
MCC-51	Coaxial cable	UL Japan	-	-	RE	2008/07/18 * 12
MAT-30	Attenuator(6dB)	TME	UFA-01	-	RE	2009/03/02 * 12
MPA-13	Pre Amplifier	SONOMA INSTRUMENT	310	260834	RE	2009/03/18 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	8127363	CE(EUT)	2009/02/18 * 12
MLS-13	LISN	Kyoritsu	KNW-407	8-1851-4	CE(AE)	2008/12/10 * 12
MTA-30	Terminator	TME	CT-01	-	CE	2009/01/20 * 12
MCC-112	Coaxial cable	Fujikura/Suhner/TSJ	-	-	CE	2008/07/03 * 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