APPENDIX 2:Test instruments

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAEC-04	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2006/03/06 * 12
MCC-50	Coaxial cable	UL Apex	-	RE / CE	2006/03/09 * 12
MAT-31	Attenuator(6dB)	TME	UFA-01	RE	2006/03/11 * 12
MPA-14	Pre Amplifier	SONOA INSTRUMENT	310	RE	2006/03/25 * 12
MBA-05	Biconical Antenna	Schwarzbeck	BBA9106	RE	2006/01/29 * 12
MLA-08	Logperiodic Antenna	Schwarzbeck	UKLP9140-A	RE	2006/01/29 * 12
MOS-14	Thermo-Hygrometer	Custom	CTH-180	RE / CE	2006/01/19 * 24
MSA-05	Spectrum Analyzer	Advantest	R3273	RE	2006/05/20 * 12
MTR-02	Test Receiver	Rohde & Schwarz	ESCS30	RE	2006/02/02 * 12
MCC-57	Microwave Cable	Suhner	SUCOFLEX104	RE	2006/04/15 * 12
MPA-12	MicroWave System Amplifier	Agilent	83017A	RE	2006/03/27 * 12
MHA-05	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2006/01/09 * 12
MHA-02	Horn Antenna	EMCO	3160-09	RE	2006/01/09 * 12
MCC-25	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2005/08/30 * 12
MCC-26	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2005/08/30 * 12
MPA-10	Pre Amplifier	Agilent	8449B	RE	2005/09/07 * 12
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2006/04/10 * 12
MBA-02	Biconical Antenna	Schwarzbeck	BBA9106	RE	2005/10/10 * 12
MLA-02	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2005/10/14 * 12
MCC-12	Coaxial Cable	Fujikura/Agilent	-	RE	2006/02/23 * 12
MAT-07	Attenuator(6dB)	Weinschel Corp	2	RE	2005/12/16 * 12
MPA-09	Pre Amplifier	Agilent	8447D	RE	2005/09/07 * 12
MRENT-31	Spectrum Analyzer	Advantest	R3273	RE	2006/04/24 * 12
MTR-03	Test Receiver	Rohde & Schwarz	ESCI	RE	2006/03/04 * 12
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE	-
MOS-02	Digital Humidity Indicator	N.T	NT-1800	RE	2004/11/25 * 24
MOS-15	Thermo-Hygrometer	Custom	CTH-180	AT	2006/01/19 * 24
MOS-16	Thermo-Hygrometer	Custom	CTH-180	AT	2006/01/19 * 24
MSA-06	Spectrum Analyzer	Agilent	E4407B	AT	2006/05/24 * 12

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MCC-06	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	AT	2006/02/02 * 12
MAT-22	Attenuator(10dB)(above1GHz)	Orient Microwave	BX10-0476-00	AT	2006/03/18 * 12
MRENT-36	Power Meter	Anritsu	ML2496A	AT	2006/04/25 * 12
MRENT-33	Power sensor	Anritsu	MA2411B	AT	2006/04/25 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	CE (AE)	2006/02/06 * 12
MLS-07	LISN(AMN)	Schwarzbeck	NSLK8127	CE (EUT)	2006/02/06 * 12
MTA-07	Terminator	MCL	BTRM-50	CE	2006/02/06 * 12

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

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

APPENDIX 3: Data of EMI test

Conducted Emission

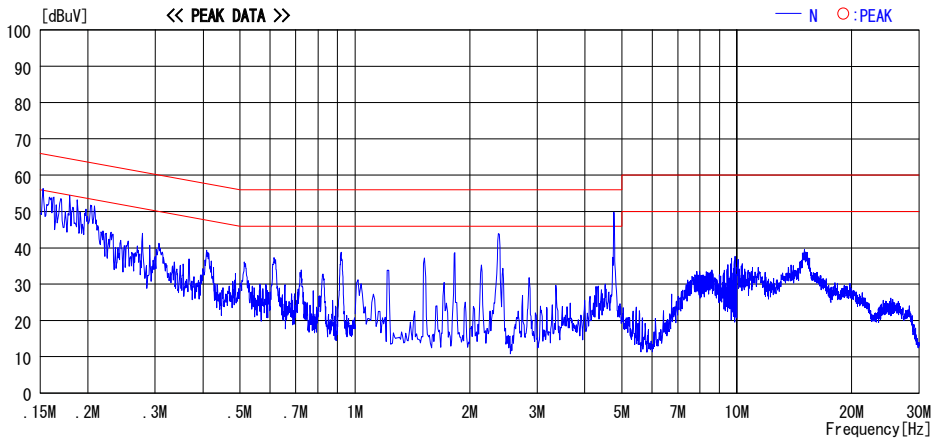
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.4 Shielded room
Date : 2006/07/19 16:27:59

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Kind of EUT	: REFERENCE TOOL	Power	: AC120V / 60Hz
Model No.	: DECR-1000A	Temp./Humi.	: 23deg.C / 74%
Serial No.	: SR000001	Operator	: Takumi Shimada

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

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



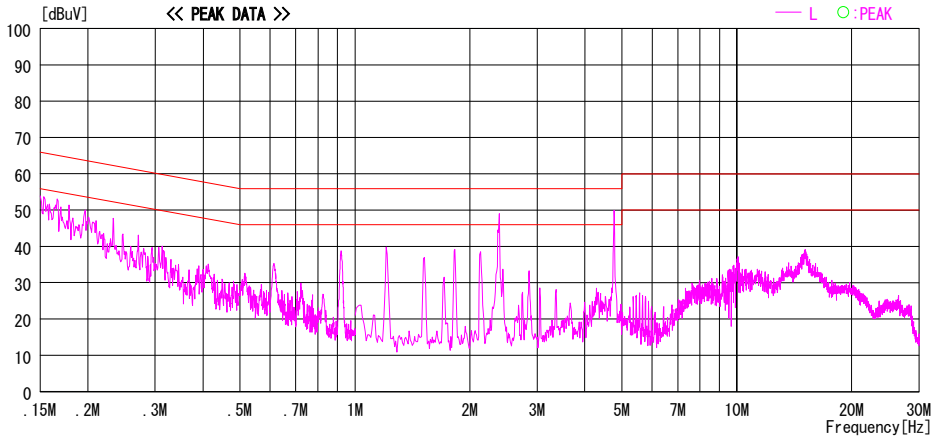


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

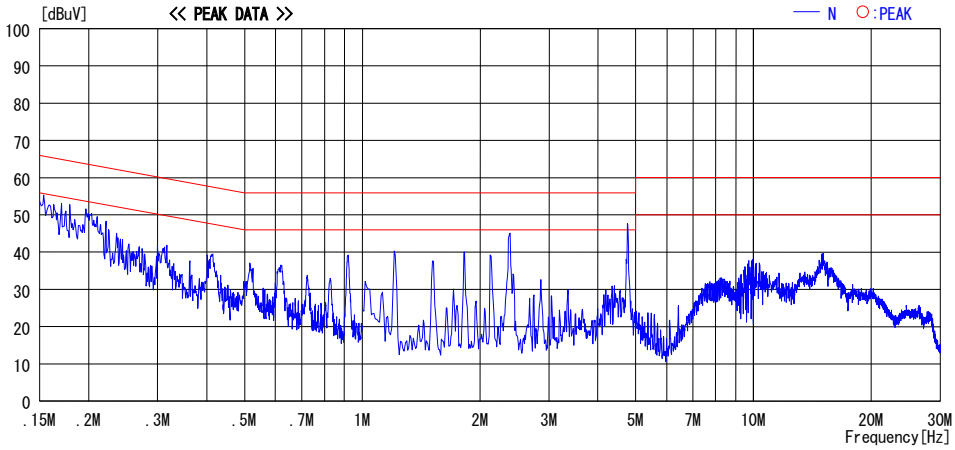
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.4 Shielded room
Date : 2006/07/19 16:37:41

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Kind of EUT	: REFERENCE TOOL	Power	: AC120V / 60Hz
Model No.	: DECR-1000A	Temp./Humi.	: 23deg.C / 74%
Serial No.	: SR000001	Operator	: Takumi Shimada

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

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



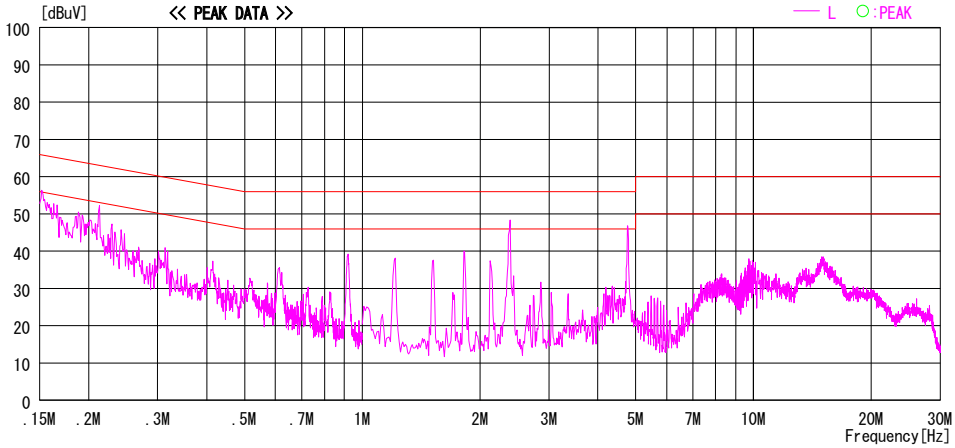


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

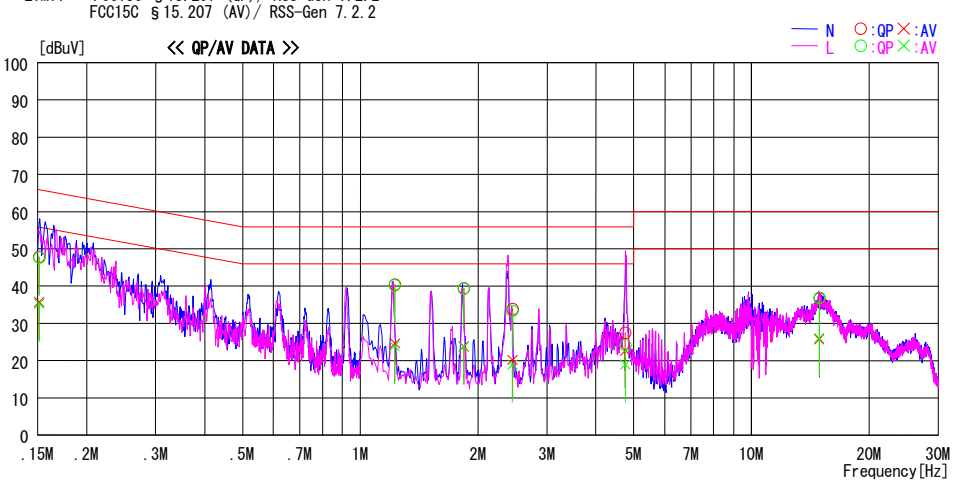
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Shielded room
Date : 2006/07/19 16:55:59

Company : Sony Computer Entertainment Inc.
Kind of EUT : REFERENCE TOOL
Model No. : DECR-1000A
Serial No. : SR000001

Report No. : 26KE0202-HO
Power : AC120V / 60Hz
Temp./Humi. : 23deg.C / 74%
Operator : Takumi Shimada

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

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



Frequency	Reading Level		Corr.	Results		Limit		Margin		Phase
	QP	AV	Factor	QP	AV	QP	AV	QP	AV	
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]	
0.15112	47.8	35.6	0.1	47.9	35.7	65.9	55.9	18.0	20.2	N
1.22590	40.1	24.3	0.3	40.4	24.6	56.0	46.0	15.6	21.4	N
1.83752	39.0	23.4	0.4	39.4	23.8	56.0	46.0	16.6	22.2	N
2.45017	33.5	19.8	0.4	33.9	20.2	56.0	46.0	22.1	25.8	N
4.75495	26.9	22.1	0.6	27.5	22.7	56.0	46.0	28.5	23.3	N
14.89992	35.2	24.2	1.5	36.7	25.7	60.0	50.0	23.3	24.3	N
0.15117	47.6	35.2	0.1	47.7	35.3	65.9	55.9	18.2	20.6	L
1.22274	39.9	23.6	0.3	40.2	23.9	56.0	46.0	15.8	22.1	L
1.83553	38.9	23.3	0.4	39.3	23.7	56.0	46.0	16.7	22.3	L
2.44581	32.9	18.6	0.4	33.3	19.0	56.0	46.0	22.7	27.0	L
4.75649	23.5	18.4	0.6	24.1	19.0	56.0	46.0	31.9	27.0	L
14.89554	35.4	24.5	1.5	36.9	26.0	60.0	50.0	23.1	24.0	L

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

Conducted Emission

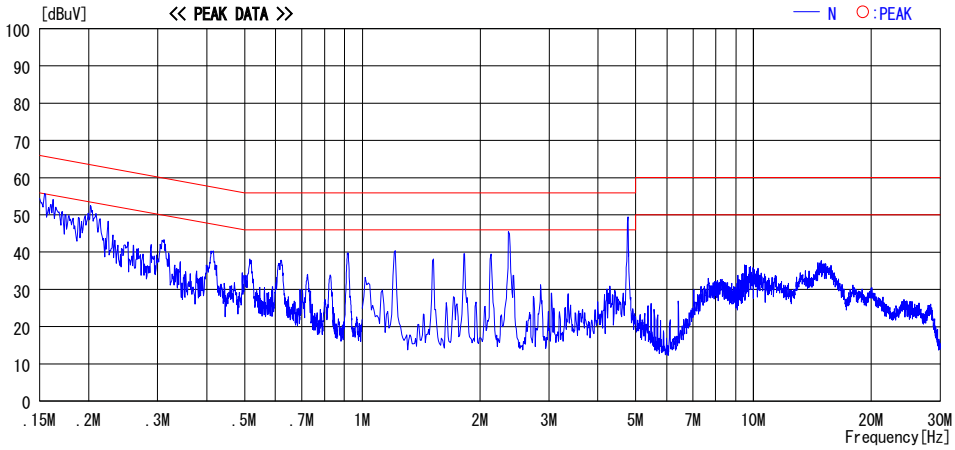
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.4 Shielded room
Date : 2006/07/19 17:30:32

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Kind of EUT	: REFERENCE TOOL	Power	: AC120V / 60Hz
Model No.	: DECR-1000A	Temp./Humi.	: 23deg.C / 74%
Serial No.	: SR000001	Operator	: Takumi Shimada

Mode / Remarks : WLAN 11b Rx 2437MHz 11Mbps

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



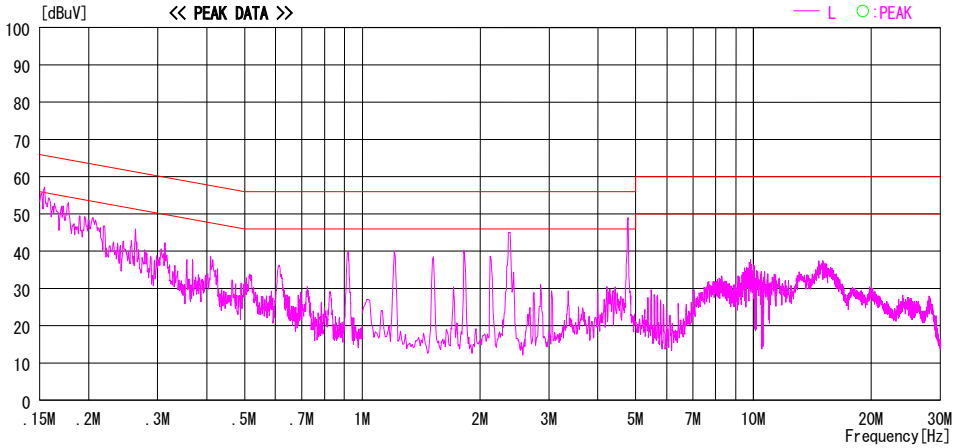


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

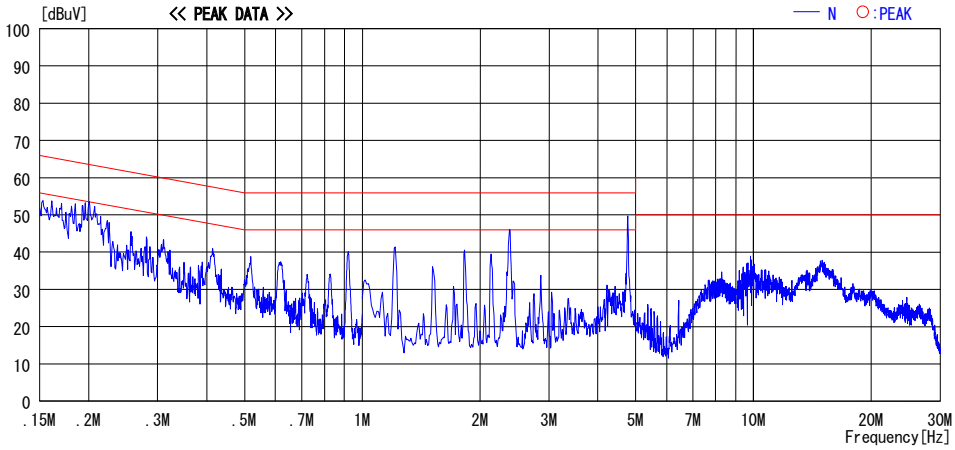
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.4 Shielded room
Date : 2006/07/19 17:47:10

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Kind of EUT	: REFERENCE TOOL	Power	: AC120V / 60Hz
Model No.	: DECR-1000A	Temp./Humi.	: 23deg.C / 74%
Serial No.	: SR000001	Operator	: Takumi Shimada

Mode / Remarks : WLAN 11g Tx 2412MHz 54Mbps

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



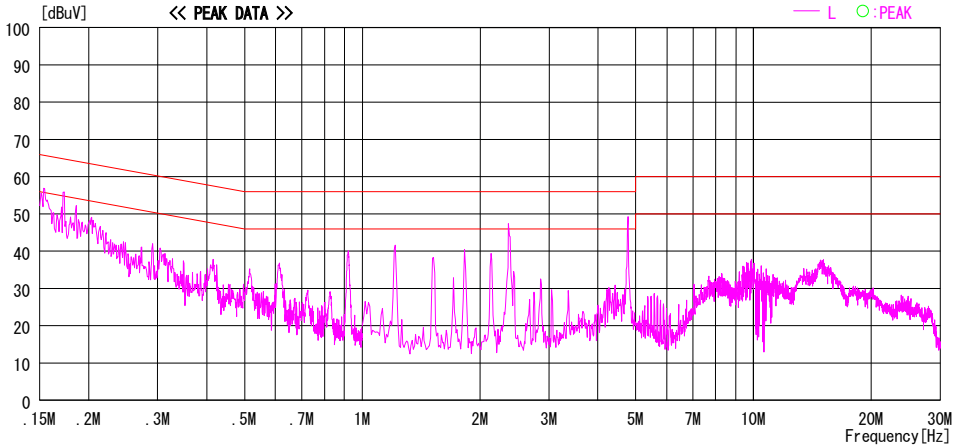


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

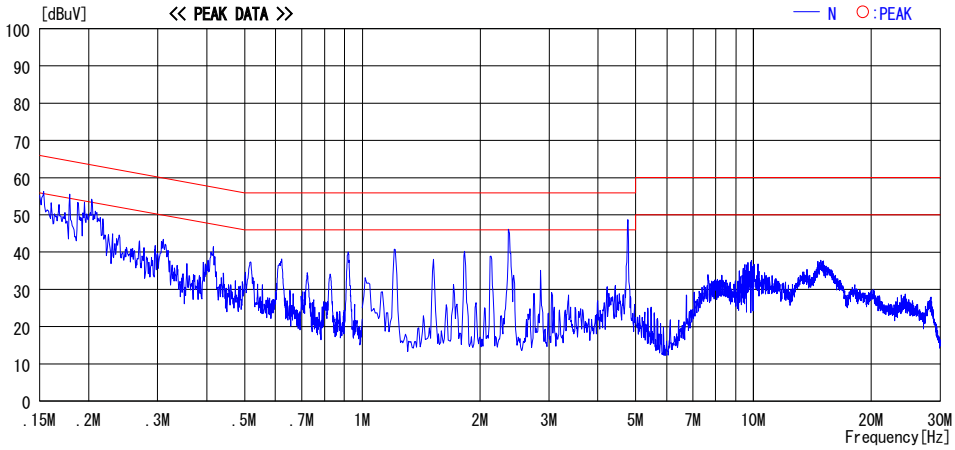
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.4 Shielded room
Date : 2006/07/19 17:50:27

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Kind of EUT	: REFERENCE TOOL	Power	: AC120V / 60Hz
Model No.	: DECR-1000A	Temp./Humi.	: 23deg.C / 74%
Serial No.	: SR000001	Operator	: Takumi Shimada

Mode / Remarks : WLAN 11g Tx 2437MHz 54Mbps

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



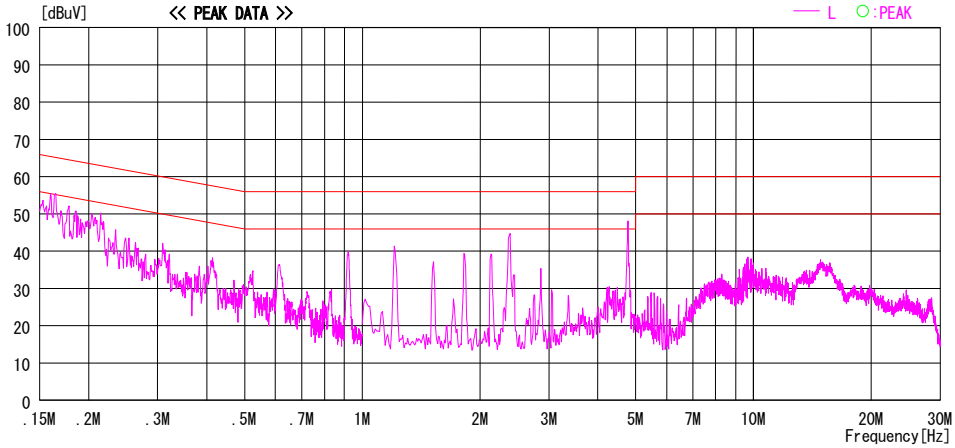


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

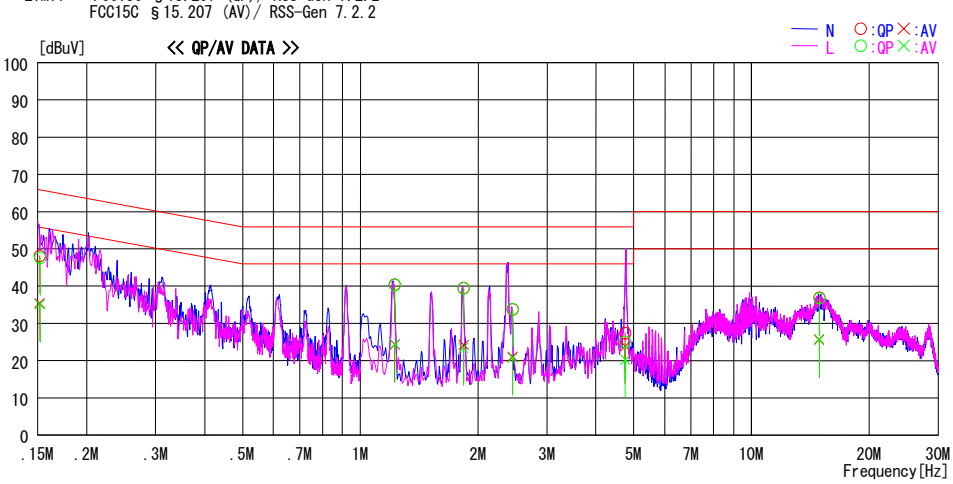
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Shielded room
Date : 2006/07/19 17:54:15

Company : Sony Computer Entertainment Inc.
Kind of EUT : REFERENCE TOOL
Model No. : DECR-1000A
Serial No. : SR000001

Report No. : 26KE0202-HO
Power : AC120V / 60Hz
Temp./Humi. : 23deg.C / 74%
Operator : Takumi Shimada

Mode / Remarks : WLAN 11g Tx 2462MHz 54Mbps

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



Frequency	Reading Level		Corr.	Results		Limit		Margin		Phase
	QP	AV	Factor	QP	AV	QP	AV	QP	AV	
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]	
0.15156	48.0	35.3	0.1	48.1	35.4	65.9	55.9	17.8	20.5	N
1.22369	40.1	24.0	0.3	40.4	24.3	56.0	46.0	15.6	21.7	N
1.83575	39.1	23.8	0.4	39.5	24.2	56.0	46.0	16.5	21.8	N
2.44836	33.4	20.7	0.4	33.8	21.1	56.0	46.0	22.2	24.9	N
4.75291	26.8	23.3	0.6	27.4	23.9	56.0	46.0	28.6	22.1	N
14.89651	35.4	24.1	1.5	36.9	25.6	60.0	50.0	23.1	24.4	N
0.15180	47.5	35.0	0.1	47.6	35.1	65.9	55.9	18.3	20.8	L
1.22470	40.0	24.1	0.3	40.3	24.4	56.0	46.0	15.7	21.6	L
1.83486	39.0	23.0	0.4	39.4	23.4	56.0	46.0	16.6	22.6	L
2.44806	33.5	20.4	0.4	33.9	20.8	56.0	46.0	22.1	25.2	L
4.75363	24.5	19.7	0.6	25.1	20.3	56.0	46.0	30.9	25.7	L
14.89682	35.3	24.3	1.5	36.8	25.8	60.0	50.0	23.2	24.2	L

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

Conducted Emission

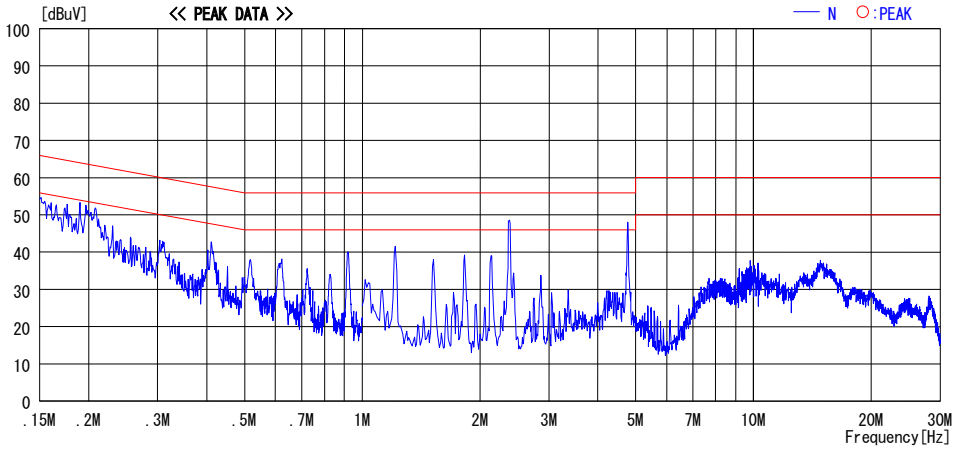
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.4 Shielded room
Date : 2006/07/19 18:07:27

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Kind of EUT	: REFERENCE TOOL	Power	: AC120V / 60Hz
Model No.	: DECR-1000A	Temp./Humi.	: 23deg.C / 74%
Serial No.	: SR000001	Operator	: Takumi Shimada

Mode / Remarks : WLAN 11g Rx 2437MHz 54Mbps

LIMIT : FCC15C §15.207 (QP)/ RSS-Gen 7.2.2
FCC15C §15.207 (AV)/ RSS-Gen 7.2.2



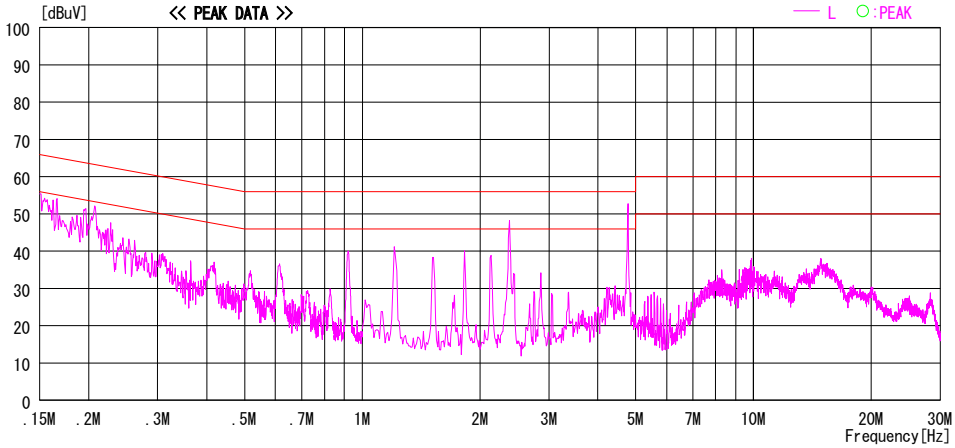


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

6dB Bandwidth

UL Apex Co., Ltd.
Head Office EMC Lab. No.6 Shielded Room

COMPANY	: Sony Computer Entertainment Inc.	REGULATION	: FCC Part15 Subpart C 15.247(a)(2)
EQUIPMENT	: REFERENCE TOOL	TEST DISTANCE	: -
MODEL	: DECR-1000A	DATE	: 07/14/2006 and 07/19/2006
S/ N	: SR000001	TEMPERATURE	: 26 deg.C and 24 deg.C
POWER	: AC120V / 60Hz	HUMIDITY	: 57% and 69%
Mode	: Tx(ch1,6,11)	ENGINEER	: Takumi Shimada and Mitsuru Fujimura

[IEEE802.11b] 11Mbps

Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2412.0	9.995	500.0
Mid	2437.0	9.992	500.0
High	2462.0	9.992	500.0

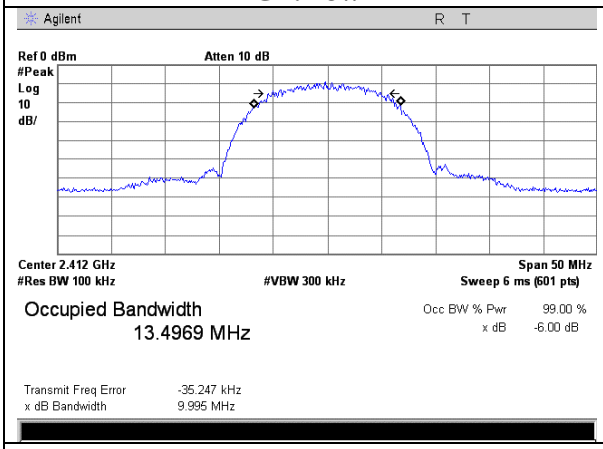
[IEEE802.11g] 54Mbps

Ch	Freq. [MHz]	6dB Bandwidth [MHz]	Limit [kHz]
Low	2412.0	16.607	500.0
Mid	2437.0	16.583	500.0
High	2462.0	16.583	500.0

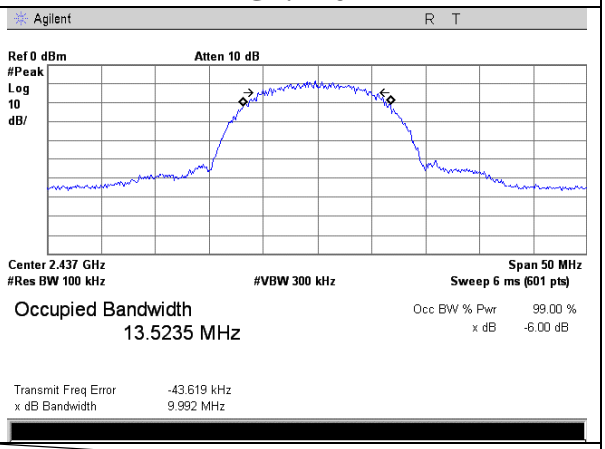
6dB Bandwidth

IEEE802.11b

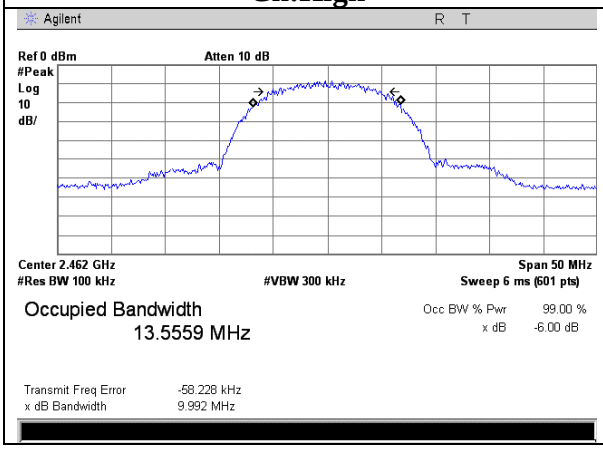
Ch:Low



Ch:Mid



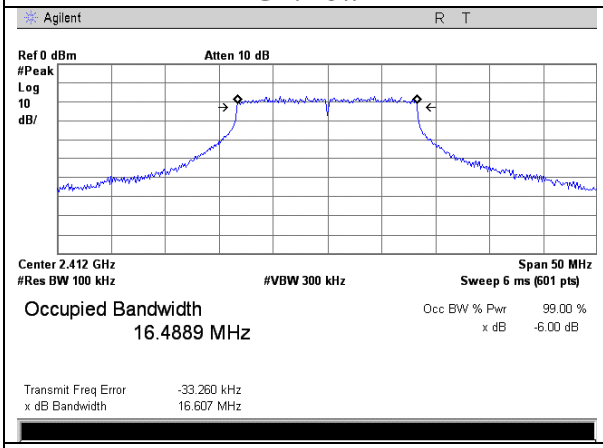
Ch:High



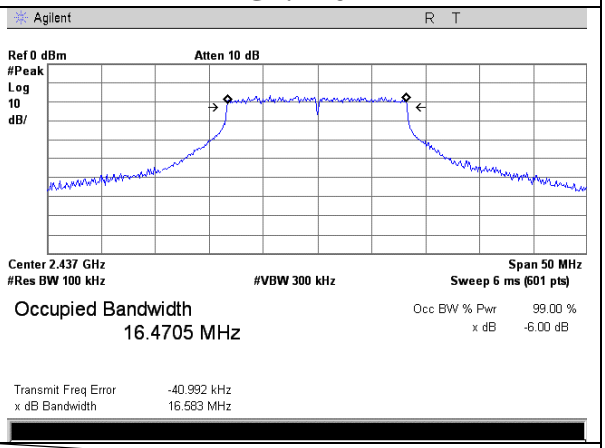
6dB Bandwidth

IEEE802.11g

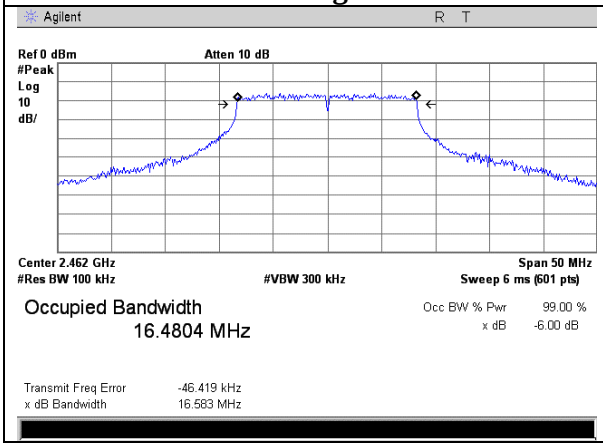
Ch:Low



Ch:Mid



Ch:High



Maximum Peak Output Power

UL Apex Co., Ltd.
Head Office EMC Lab. No.6 Shielded Room

COMPANY	: Sony Computer Entertainment Inc.	REGULATION	: FCC Part15 Subpart C 15.247(b)(3)		
EQUIPMENT	: REFERENCE TOOL	TEST DISTANCE	: -		
MODEL	: DECR-1000A	DATE	: 07/14/2006	:	07/19/2006
S/ N	: SR000001	TEMPERATURE	: 26deg.C	:	24deg.C
POWER	: AC120V / 60Hz	HUMIDITY	: 57%	:	69%
Mode	: Tx(ch1,6,11)	ENGINEER	: Takumi Shimada	:	Mitsuru Fujimura

[IEEE802.11b] 11Mbps

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]
Low	2412.0	3.01	0.13	10.12	13.26	21.18	30.00	1000	16.74
Mid	2437.0	3.64	0.13	10.12	13.89	24.49	30.00	1000	16.11
High	2462.0	3.90	0.13	10.12	14.15	26.00	30.00	1000	15.85

[IEEE802.11g] 54Mbps

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]
Low	2412.0	4.81	0.13	10.12	15.06	32.06	30.00	1000	14.94
Mid	2437.0	4.79	0.13	10.12	15.04	31.92	30.00	1000	14.96
High	2462.0	4.78	0.13	10.12	15.03	31.84	30.00	1000	14.97

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.

Radiated Spurious Emission (30MHz-1GHz)

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

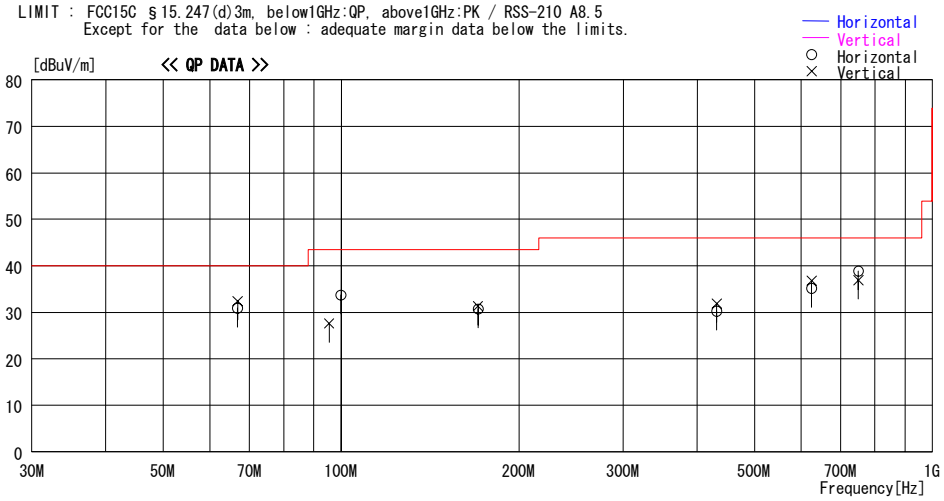
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/07/19 10:56:57

Applicant	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Kind of EUT	: REFERENCE TOOL	Power	: AC 120V / 60Hz
Model No.	: DECR-1000A	Temp. / Humi.	: 23 deg.C. / 74 %
Serial No.	: SR000001	Operator	: Takumi Shimada

Mode / Remarks : W-LAN IEEE802.11b Tx CH1:2412MHz, Data Rate:11Mbps, Max-axis(H:X V:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP, above1GHz:PK / RSS-210 A8.5
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
66.733	47.4	QP	7.8	-24.3	30.9	300	300	Hori.	40.0	9.1	
66.850	48.9	QP	7.8	-24.3	32.4	251	100	Vert.	40.0	7.6	
95.478	41.2	QP	10.2	-23.8	27.6	196	100	Vert.	43.5	15.9	
99.884	46.4	QP	11.0	-23.7	33.7	178	300	Hori.	43.5	9.8	
170.437	38.0	QP	16.2	-22.9	31.3	0	100	Vert.	43.5	12.2	
170.436	37.4	QP	16.2	-22.9	30.7	144	100	Hori.	43.5	12.8	
432.003	32.6	QP	18.7	-21.1	30.2	150	100	Hori.	46.0	15.8	
432.006	34.3	QP	18.7	-21.1	31.9	327	116	Vert.	46.0	14.1	
625.003	34.6	QP	20.8	-20.2	35.2	151	140	Hori.	46.0	10.8	
625.003	36.2	QP	20.8	-20.2	36.8	344	100	Vert.	46.0	9.2	
750.002	35.7	QP	22.5	-19.3	38.9	172	100	Hori.	46.0	7.1	
750.002	33.7	QP	22.5	-19.3	36.9	0	100	Vert.	46.0	9.1	

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)

Radiated Spurious Emission (30MHz-1GHz)

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

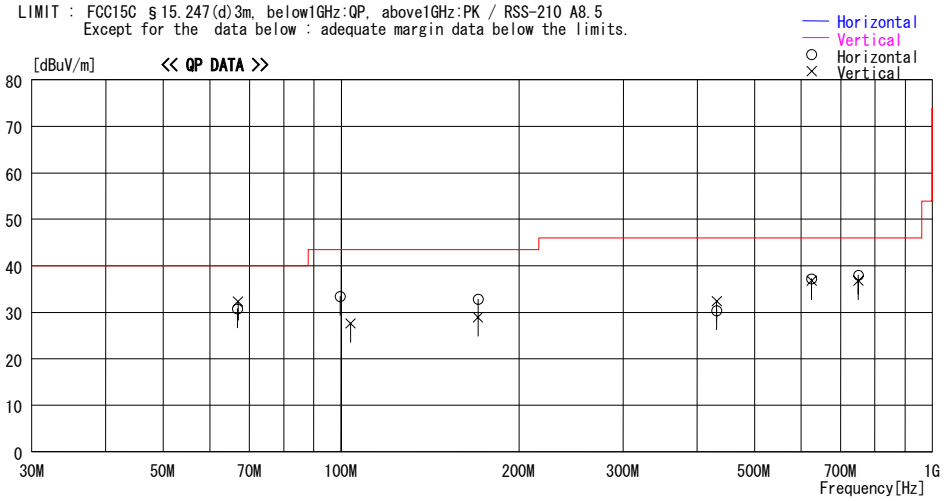
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/07/19 09:56:54

Applicant	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Kind of EUT	: REFERENCE TOOL	Power	: AC 120V / 60Hz
Model No.	: DECR-1000A	Temp. / Humi.	: 23 deg.C. / 74 %
Serial No.	: SR000001	Operator	: Takumi Shimada

Mode / Remarks : W-LAN IEEE802.11b Tx CH6:2437MHz, Data Rate:11Mbps, Max-axis(H:X V:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP, above1GHz:PK / RSS-210 A8.5
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
66.799	47.2	QP	7.8	-24.3	30.7	300	300	Hori.	40.0	9.3	
66.925	48.8	QP	7.8	-24.3	32.3	180	100	Vert.	40.0	7.7	
99.583	46.2	QP	10.9	-23.7	33.4	165	300	Hori.	43.5	10.1	
103.772	39.8	QP	11.5	-23.7	27.6	195	100	Vert.	43.5	15.9	
170.432	39.5	QP	16.2	-22.9	32.8	234	127	Hori.	43.5	10.7	
170.434	35.6	QP	16.2	-22.9	28.9	9	100	Vert.	43.5	14.6	
432.002	32.7	QP	18.7	-21.1	30.3	156	177	Hori.	46.0	15.7	
432.004	34.8	QP	18.7	-21.1	32.4	325	100	Vert.	46.0	13.6	
625.003	36.6	QP	20.8	-20.2	37.2	136	140	Hori.	46.0	8.8	
625.001	36.2	QP	20.8	-20.2	36.8	341	100	Vert.	46.0	9.2	
750.002	34.8	QP	22.5	-19.3	38.0	178	100	Hori.	46.0	8.0	
750.004	33.6	QP	22.5	-19.3	36.8	0	100	Vert.	46.0	9.2	

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)

Radiated Spurious Emission (30MHz-1GHz)

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

DATA OF RADIATED EMISSION TEST

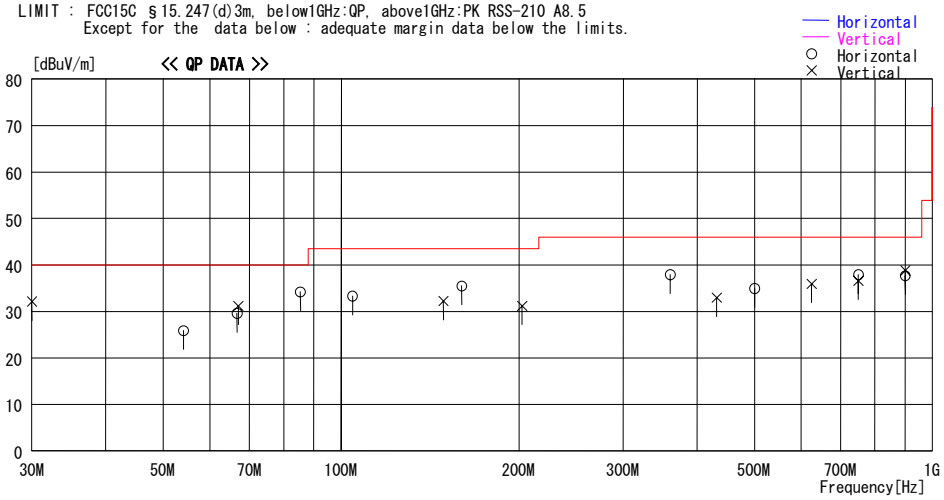
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/07/19 02:31:21

Applicant : Sony Computer Entertainment Inc.
Kind of EUT : REFERENCE TOOL
Model No. : DECR-1000A
Serial No. : SR000001

Report No. : 26KE0202-HO
Power : AC 120V / 60Hz
Temp. / Humi. : 23 deg.C. / 72 %
Operator : Mitsuru Fujimura

Mode / Remarks : W-LAN IEEE802.11b Tx CH11:2462MHz, Data Rate:11Mbps, Max-axis(H:X V:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP, above1GHz:PK RSS-210 A8.5
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
30.000	37.2	QP	19.8	-24.9	32.1	169	100	Vert.	40.0	7.9	
54.116	40.4	QP	9.9	-24.4	25.9	340	400	Hori.	40.0	14.1	
66.635	46.1	QP	7.8	-24.3	29.6	287	302	Hori.	40.0	10.4	
67.025	47.7	QP	7.8	-24.3	31.2	183	100	Vert.	40.0	8.8	
85.296	49.8	QP	8.3	-23.9	34.2	232	204	Hori.	40.0	5.8	
104.583	45.4	QP	11.6	-23.7	33.3	0	303	Hori.	43.5	10.2	
148.968	39.9	QP	15.4	-23.1	32.2	0	100	Vert.	43.5	11.3	
160.011	42.8	QP	15.7	-23.0	35.5	206	121	Hori.	43.5	8.0	
202.381	36.8	QP	17.0	-22.6	31.2	359	100	Vert.	43.5	12.3	
360.005	41.9	QP	17.5	-21.5	37.9	102	100	Hori.	46.0	8.1	
432.003	35.3	QP	18.7	-21.1	32.9	325	100	Vert.	46.0	13.1	
500.001	35.7	QP	19.9	-20.7	34.9	55	100	Hori.	46.0	11.1	
625.003	35.3	QP	20.8	-20.2	35.9	343	100	Vert.	46.0	10.1	
750.000	33.4	QP	22.5	-19.3	36.6	0	100	Vert.	46.0	9.4	
750.003	34.7	QP	22.5	-19.3	37.9	177	100	Hori.	46.0	8.1	
900.174	33.5	QP	23.3	-18.0	38.8	3	100	Vert.	46.0	7.2	
900.175	32.4	QP	23.3	-18.0	37.7	183	100	Hori.	46.0	8.3	

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)

Radiated Spurious Emission (30MHz-1GHz)

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

DATA OF RADIATED EMISSION TEST

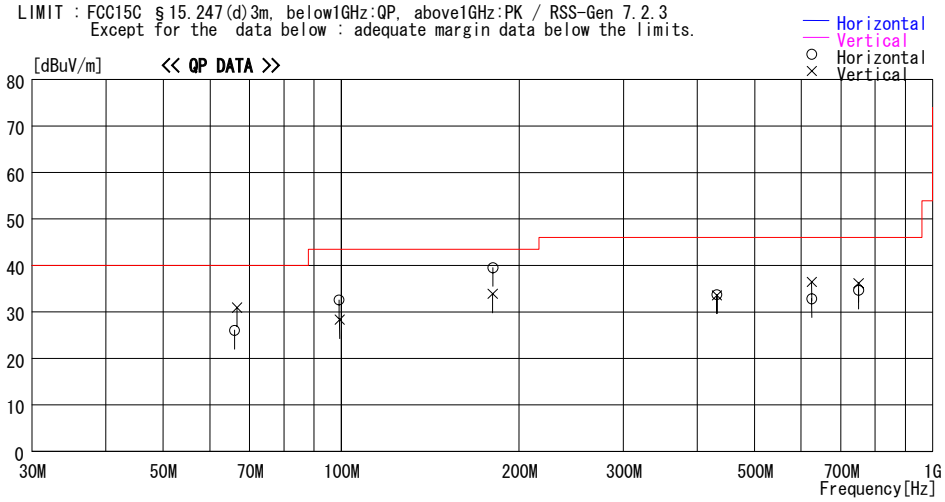
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/07/10 18:11:06

Applicant : Sony Computer Entertainment Inc.
Kind of EUT : REFERENCE TOOL
Model No. : DECR-1000A
Serial No. : SR000001

Report No. : 26KE0202-HO
Power : AC 120V / 60Hz
Temp. / Humi. : 21 deg.C. / 68 %
Operator : Takumi Shimada

Mode / Remarks : W-LAN IEEE802.11b Rx CH6:2437MHz, Data Rate:11Mbps, Max-axis(H:X V:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP, above1GHz:PK / RSS-Gen 7.2.3
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
66.043	42.4	QP	7.9	-24.3	26.0	311	300	Hori.	40.0	14.0	
66.646	47.4	QP	7.8	-24.3	30.9	190	100	Vert.	40.0	9.1	
99.373	41.1	QP	10.9	-23.7	28.3	280	100	Vert.	43.5	15.2	
99.156	45.4	QP	10.9	-23.7	32.6	190	247	Hori.	43.5	10.9	
180.472	45.6	QP	16.7	-22.8	39.5	131	100	Hori.	43.5	4.0	
180.391	40.0	QP	16.7	-22.8	33.9	346	100	Vert.	43.5	9.6	
432.007	36.1	QP	18.7	-21.1	33.7	229	244	Hori.	46.0	12.3	
432.005	36.0	QP	18.7	-21.1	33.6	260	100	Vert.	46.0	12.4	
625.005	32.2	QP	20.8	-20.2	32.8	234	100	Hori.	46.0	13.2	
625.004	35.8	QP	20.8	-20.2	36.4	178	100	Vert.	46.0	9.6	
750.004	31.5	QP	22.5	-19.3	34.7	230	100	Hori.	46.0	11.3	
750.004	33.0	QP	22.5	-19.3	36.2	20	100	Vert.	46.0	9.8	

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)

Radiated Spurious Emission (30MHz-1GHz)

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

DATA OF RADIATED EMISSION TEST

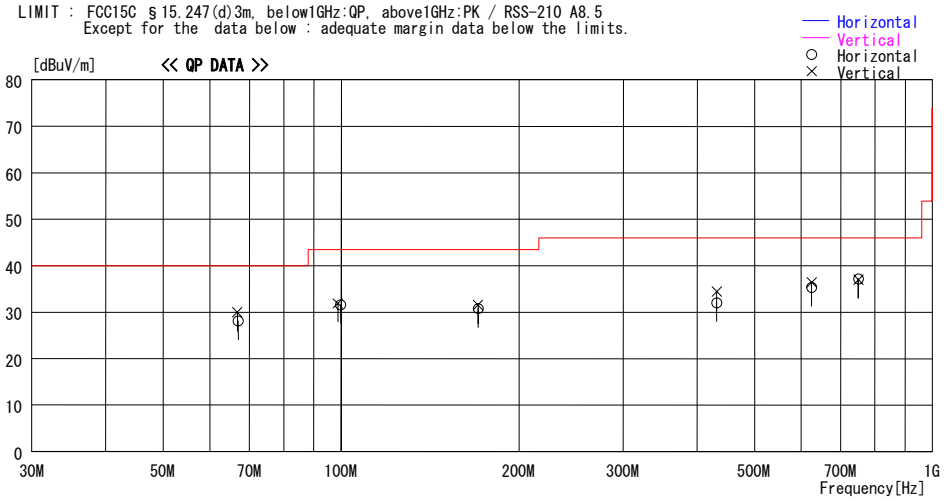
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/07/18 15:13:39

Applicant : Sony Computer Entertainment Inc.
Kind of EUT : REFERENCE TOOL
Model No. : DECR-1000A
Serial No. : SR000001

Report No. : 26KE0202-HO
Power : AC 120V / 60Hz
Temp. / Humi. : 23 deg.C. / 78 %
Operator : Takumi Shimada

Mode / Remarks : W-LAN IEEE802.11g Tx CH1:2412MHz, Data Rate:54Mbps, Max-axis(H:X V:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP, above1GHz:PK / RSS-210 A8.5
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
66.943	44.6	QP	7.8	-24.3	28.1	302	300	Hori.	40.0	11.9	
66.763	46.5	QP	7.8	-24.3	30.0	180	100	Vert.	40.0	10.0	
98.753	44.9	QP	10.8	-23.8	31.9	180	100	Vert.	43.5	11.6	
99.781	44.3	QP	11.0	-23.7	31.6	178	300	Hori.	43.5	11.9	
170.433	38.3	QP	16.2	-22.9	31.6	357	100	Vert.	43.5	11.9	
170.431	37.5	QP	16.2	-22.9	30.8	210	188	Hori.	43.5	12.7	
432.010	34.4	QP	18.7	-21.1	32.0	157	100	Hori.	46.0	14.0	
432.003	36.9	QP	18.7	-21.1	34.5	327	100	Vert.	46.0	11.5	
625.002	34.7	QP	20.8	-20.2	35.3	102	120	Hori.	46.0	10.7	
625.001	35.8	QP	20.8	-20.2	36.4	358	100	Vert.	46.0	9.6	
750.003	34.0	QP	22.5	-19.3	37.2	172	100	Hori.	46.0	8.8	
750.003	33.8	QP	22.5	-19.3	37.0	10	100	Vert.	46.0	9.0	

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

Radiated Spurious Emission (30MHz-1GHz)

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

DATA OF RADIATED EMISSION TEST

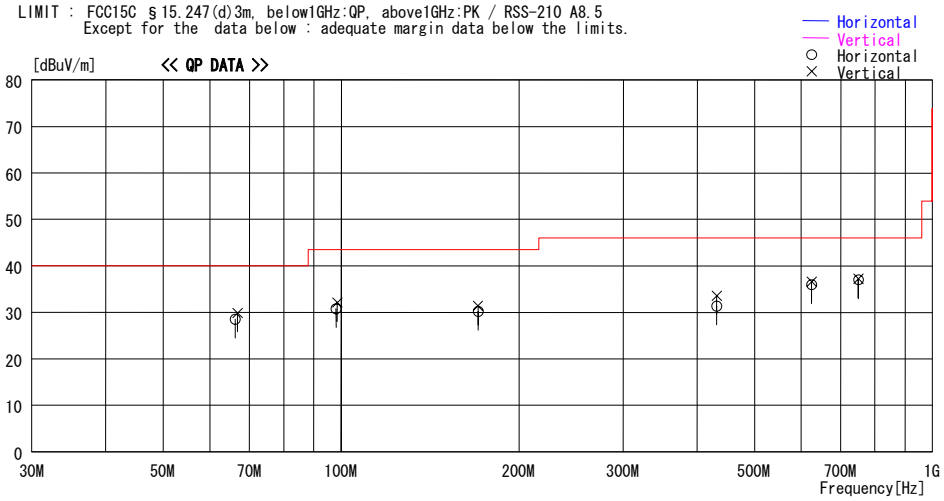
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/07/18 16:01:12

Applicant : Sony Computer Entertainment Inc.
Kind of EUT : REFERENCE TOOL
Model No. : DECR-1000A
Serial No. : SR000001

Report No. : 26KE0202-HO
Power : AC 120V / 60Hz
Temp. / Humi. : 23 deg.C. / 78 %
Operator : Takumi Shimada

Mode / Remarks : W-LAN IEEE802.11g Tx CH6:2437MHz, Data Rate:54Mbps, Max-axis(H:X V:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP, above1GHz:PK / RSS-210 A8.5
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
66.160	44.9	QP	7.9	-24.3	28.5	285	300	Hori.	40.0	11.5	
66.796	46.4	QP	7.8	-24.3	29.9	192	100	Vert.	40.0	10.1	
98.487	45.2	QP	10.7	-23.8	32.1	169	100	Vert.	43.5	11.4	
98.095	43.9	QP	10.7	-23.8	30.8	360	300	Hori.	43.5	12.7	
170.432	38.1	QP	16.2	-22.9	31.4	355	100	Vert.	43.5	12.1	
170.432	36.9	QP	16.2	-22.9	30.2	213	177	Hori.	43.5	13.3	
432.006	33.8	QP	18.7	-21.1	31.4	184	177	Hori.	46.0	14.6	
432.005	36.0	QP	18.7	-21.1	33.6	333	100	Vert.	46.0	12.4	
625.002	35.4	QP	20.8	-20.2	36.0	132	147	Hori.	46.0	10.0	
625.001	36.0	QP	20.8	-20.2	36.6	349	100	Vert.	46.0	9.4	
750.004	33.8	QP	22.5	-19.3	37.0	161	100	Hori.	46.0	9.0	
750.003	34.0	QP	22.5	-19.3	37.2	30	100	Vert.	46.0	8.8	

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)

Radiated Spurious Emission (30MHz-1GHz)

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

DATA OF RADIATED EMISSION TEST

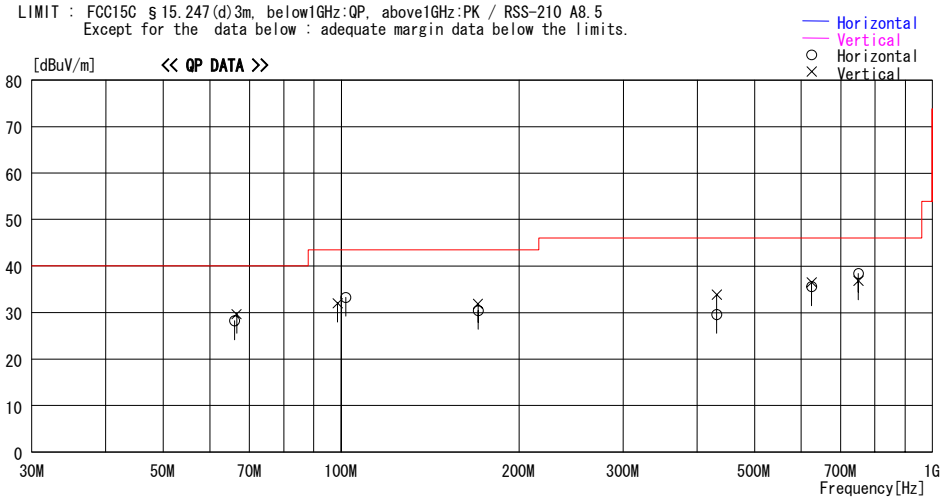
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/07/18 16:44:29

Applicant : Sony Computer Entertainment Inc.
Kind of EUT : REFERENCE TOOL
Model No. : DECR-1000A
Serial No. : SR000001

Report No. : 26KE0202-HO
Power : AC 120V / 60Hz
Temp. / Humi. : 23 deg.C. / 78 %
Operator : Takumi Shimada

Mode / Remarks : W-LAN IEEE802.11g Tx CH11:2462MHz, Data Rate:54Mbps, Max-axis(H:X V:Y)

LIMIT : FCC15C §15.247(d)3m, below1GHz:QP, above1GHz:PK / RSS-210 A8.5
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
66.016	44.6	QP	7.9	-24.3	28.2	295	300	Hori.	40.0	11.8	
66.563	46.0	QP	7.9	-24.3	29.6	174	100	Vert.	40.0	10.4	
98.673	45.0	QP	10.8	-23.8	32.0	171	100	Vert.	43.5	11.5	
101.795	45.7	QP	11.2	-23.7	33.2	178	300	Hori.	43.5	10.3	
170.434	38.6	QP	16.2	-22.9	31.9	0	100	Vert.	43.5	11.6	
170.435	37.1	QP	16.2	-22.9	30.4	196	196	Hori.	43.5	13.1	
432.007	32.0	QP	18.7	-21.1	29.6	0	294	Hori.	46.0	16.4	
432.004	36.2	QP	18.7	-21.1	33.8	345	105	Vert.	46.0	12.2	
625.005	35.0	QP	20.8	-20.2	35.6	133	155	Hori.	46.0	10.4	
625.003	35.9	QP	20.8	-20.2	36.5	359	100	Vert.	46.0	9.5	
750.003	33.6	QP	22.5	-19.3	36.8	355	100	Vert.	46.0	9.2	
750.003	35.2	QP	22.5	-19.3	38.4	173	100	Hori.	46.0	7.6	

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)

Radiated Spurious Emission (30MHz-1GHz)

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

DATA OF RADIATED EMISSION TEST

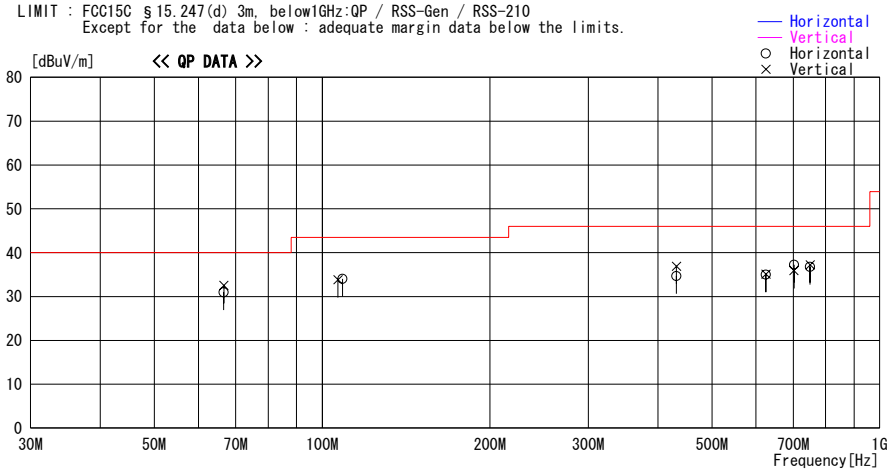
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/06/22 22:27:58

Applicant : Sony Computer Entertainment Inc.
Kind of EUT : REFERENCE TOOL
Model No. : DECR-1000A
Serial No. : SR000001

Report No. : 26KE0202-HO
Power : AC 120V / 60Hz
Temp. / Humi. : 24 deg.C. / 65 %
Operator : Yasuyuki Fukui

Mode / Remarks : WLAN 11g Rx 2437MHz, Antenna Max-axis (H:X V:Y)

LIMIT : FCC15C §15.247(d) 3m, below1GHz:QP / RSS-Gen / RSS-210
Except for the data below : adequate margin data below the limits.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
66.620	47.5	QP	7.8	-24.3	31.0	137	315	Hori.	40.0	9.0	
66.650	49.0	QP	7.8	-24.3	32.5	207	100	Vert.	40.0	7.5	
106.760	45.5	QP	11.9	-23.6	33.8	270	100	Vert.	43.5	9.7	
108.750	45.5	QP	12.1	-23.6	34.0	270	177	Hori.	43.5	9.5	
431.992	37.1	QP	18.7	-21.1	34.7	64	100	Hori.	46.0	11.3	
431.992	39.3	QP	18.7	-21.1	36.9	302	100	Vert.	46.0	9.1	
624.997	34.5	QP	20.8	-20.2	35.1	200	100	Vert.	46.0	10.9	
625.007	34.4	QP	20.8	-20.2	35.0	152	150	Hori.	46.0	11.0	
701.965	35.4	QP	21.7	-19.8	37.3	225	100	Hori.	46.0	8.7	
701.965	34.0	QP	21.7	-19.8	35.9	280	186	Vert.	46.0	10.1	
750.006	33.6	QP	22.5	-19.3	36.8	167	100	Hori.	46.0	9.2	
750.006	34.0	QP	22.5	-19.3	37.2	193	100	Vert.	46.0	8.8	

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)

Radiated Spurious Emission (1GHz-26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Equipment	: REFERENCE TOOL	Regulation	: Fcc Part15 Subpart C 15.247(d)
Model	: DECR-1000A	Test distance	: 3/1m
Sample No.	: SR000001	Date	: 07/19/2006
Power	: AC 120 V / 60 Hz	Temperature	: 23deg.C
Mode	: WLAN 11b , Tx 2412MHz , 11Mbps	Humidity	: 77%
Remarks	: Hor X-axis / Ver Y-axis	Engineer	: Mitsuru Fujimura

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	2390.0	49.8	48.5	30.6	32.7	2.1	0.0	49.8	48.5	74.0	24.2	25.5
2*	2400.0	57.2	55.7	30.6	32.7	2.1	0.0	57.2	55.7	74.0	16.8	18.3
3	4824.0	41.3	41.3	35.8	31.5	3.2	0.1	48.9	48.9	74.0	25.1	25.1
4	7236.0	41.5	41.4	37.6	32.4	3.9	0.4	51.0	50.9	74.0	23.0	23.1
5	9648.0	41.2	41.5	36.6	33.0	4.8	0.7	50.3	50.6	74.0	23.7	23.4
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12060.0	not found	not found	-	-	-	-	-	-	74.0	-	-
7	14472.0	not found	not found	-	-	-	-	-	-	74.0	-	-
8	16884.0	not found	not found	-	-	-	-	-	-	74.0	-	-
9	19296.0	not found	not found	-	-	-	-	-	-	74.0	-	-
10	21708.0	not found	not found	-	-	-	-	-	-	74.0	-	-
11	24120.0	44.9	46.0	39.1	31.8	8.0	0.0	50.7	51.8	74.0	23.3	22.2

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	2390.0	38.1	35.9	30.6	32.7	2.1	0.0	38.1	35.9	54.0	15.9	18.1
2*	2400.0	47.2	44.4	30.6	32.7	2.1	0.0	47.2	44.4	54.0	6.8	9.6
3	4824.0	28.7	28.6	35.8	31.5	3.2	0.1	36.3	36.2	54.0	17.7	17.8
4	7236.0	29.4	29.4	37.6	32.4	3.9	0.4	38.9	38.9	54.0	15.1	15.1
5	9648.0	29.4	29.4	36.6	33.0	4.8	0.7	38.5	38.5	54.0	15.5	15.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12060.0	not found	not found	-	-	-	-	-	-	54.0	-	-
7	14472.0	not found	not found	-	-	-	-	-	-	54.0	-	-
8	16884.0	not found	not found	-	-	-	-	-	-	54.0	-	-
9	19296.0	not found	not found	-	-	-	-	-	-	54.0	-	-
10	21708.0	not found	not found	-	-	-	-	-	-	54.0	-	-
11	24120.0	33.3	33.3	39.1	31.8	8.0	0.0	39.1	39.1	54.0	14.9	14.9

* Reference data

20dBc(Fundamental 2412MHz) (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]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2412.0	99.3	97.8	30.6	32.7	2.1	0.0	99.3	97.8	-	-	-
2	2400.0	49.3	45.1	30.6	32.7	2.1	0.0	49.3	45.1	Funda-20dB	29.9	32.8

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (1GHz-26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Equipment	: REFERENCE TOOL	Regulation	: Fcc Part15 Subpart C 15.247(d)
Model	: DECR-1000A	Test distance	: 3/1m
Sample No.	: SR000001	Date	: 07/19/2006
Power	: AC 120 V / 60 Hz	Temperature	: 23deg.C
Mode	: WLAN 11b , Tx 2437MHz , 11Mbps	Humidity	: 77%
Remarks	: Hor X-axis / Ver Y-axis	Engineer	: Mitsuru Fujimura

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	4874.0	41.3	42.3	36.1	31.5	3.2	0.0	49.1	50.1	74.0	24.9	23.9
2	7311.0	41.9	42.4	37.8	32.5	3.9	0.4	51.5	52.0	74.0	22.5	22.1
3	9748.0	42.0	41.9	36.6	33.1	4.8	0.7	51.0	50.9	74.0	23.0	23.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12185.0	not found	not found	-	-	-	-	-	-	74.0	-	-
5	14622.0	not found	not found	-	-	-	-	-	-	74.0	-	-
6	17059.0	not found	not found	-	-	-	-	-	-	74.0	-	-
7	19496.0	not found	not found	-	-	-	-	-	-	74.0	-	-
8	21933.0	not found	not found	-	-	-	-	-	-	74.0	-	-
9	24370.0	45.8	46.1	39.1	31.7	8.0	0.0	51.7	52.0	74.0	22.4	22.0

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	4874.0	29.9	30.0	36.1	31.5	3.2	0.0	37.7	37.8	54.0	16.3	16.2
2	7311.0	30.5	30.6	37.8	32.5	3.9	0.4	40.1	40.2	54.0	13.9	13.9
3	9748.0	30.5	30.5	36.6	33.1	4.8	0.7	39.5	39.5	54.0	14.5	14.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12185.0	not found	not found	-	-	-	-	-	-	54.0	-	-
5	14622.0	not found	not found	-	-	-	-	-	-	54.0	-	-
6	17059.0	not found	not found	-	-	-	-	-	-	54.0	-	-
7	19496.0	not found	not found	-	-	-	-	-	-	54.0	-	-
8	21933.0	not found	not found	-	-	-	-	-	-	54.0	-	-
9	24370.0	33.4	33.4	39.1	31.7	8.0	0.0	39.3	39.3	54.0	14.7	14.7

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (1GHz-26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Equipment	: REFERENCE TOOL	Regulation	: Fcc Part15 Subpart C 15.247(d)
Model	: DECR-1000A	Test distance	: 3/1m
Sample No.	: SR000001	Date	: 07/19/2006
Power	: AC 120 V / 60 Hz	Temperature	: 23deg.C
Mode	: WLAN 11b , Tx 2462MHz , 11Mbps	Humidity	: 77%
Remarks	: Hor X-axis / Ver Y-axis	Engineer	: Mitsuru Fujimura

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	2483.5	50.9	50.8	30.4	32.6	2.2	0.0	50.9	50.8	74.0	23.1	23.2
2	4924.0	40.3	41.2	36.4	31.5	3.2	0.0	48.4	49.3	74.0	25.6	24.7
3	7386.0	41.2	41.8	38.0	32.5	3.9	0.5	51.1	51.7	74.0	22.9	22.3
4	9848.0	41.1	41.6	36.5	33.1	4.9	0.7	50.1	50.6	74.0	23.9	23.4
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12310.0	not found	not found	-	-	-	-	-	-	74.0	-	-
6	14772.0	not found	not found	-	-	-	-	-	-	74.0	-	-
7	17234.0	not found	not found	-	-	-	-	-	-	74.0	-	-
8	19696.0	not found	not found	-	-	-	-	-	-	74.0	-	-
9	22158.0	not found	not found	-	-	-	-	-	-	74.0	-	-
10	24620.0	46.2	46.1	39.2	31.5	8.0	0.0	52.4	52.3	74.0	21.6	21.7

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	2483.5	39.6	39.7	30.4	32.6	2.2	0.0	39.6	39.7	54.0	14.4	14.3
2	4924.0	28.7	28.7	36.4	31.5	3.2	0.0	36.8	36.8	54.0	17.2	17.2
3	7386.0	29.6	29.5	38.0	32.5	3.9	0.5	39.5	39.4	54.0	14.5	14.6
4	9848.0	29.3	29.3	36.5	33.1	4.9	0.7	38.3	38.3	54.0	15.7	15.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12310.0	not found	not found	-	-	-	-	-	-	54.0	-	-
6	14772.0	not found	not found	-	-	-	-	-	-	54.0	-	-
7	17234.0	not found	not found	-	-	-	-	-	-	54.0	-	-
8	19696.0	not found	not found	-	-	-	-	-	-	54.0	-	-
9	22158.0	not found	not found	-	-	-	-	-	-	54.0	-	-
10	24620.0	33.5	33.6	39.2	31.5	8.0	0.0	39.7	39.8	54.0	14.3	14.3

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (1GHz-26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Equipment	: REFERENCE TOOL	Regulation	: Fcc Part15 Subpart C 15.247(d)
Model	: DECR-1000A	Test distance	: 3m
Sample No.	: SR000001	Date	: 07/10/2006
Power	: AC 120 V / 60 Hz	Temperature	: 21deg.C
Mode	: WLAN 11b , Rx 2437MHz , 11Mbps	Humidity	: 68%
Remarks	: Hor X-axis / Ver Y-axis	Engineer	: Takumi Shimada

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	1996.0	48.4	51.2	31.3	32.9	1.9	0.0	48.7	51.5	74.0	25.3	22.5
2	2390.4	51.0	51.4	30.6	32.7	2.1	0.0	51.0	51.4	74.0	23.0	22.6
3	2437.0	42.9	42.5	30.5	32.6	2.1	0.0	42.9	42.5	74.0	31.1	31.5
4	3195.7	46.6	51.2	31.7	32.2	2.5	0.0	48.6	53.2	74.0	25.4	20.8
5	6376.3	40.9	48.0	36.9	31.0	3.6	0.0	50.4	57.5	74.0	23.6	16.5

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	1996.0	34.3	34.8	31.3	32.9	1.9	0.0	34.6	35.1	54.0	19.4	18.9
2	2390.4	33.1	34.3	30.6	32.7	2.1	0.0	33.1	34.3	54.0	20.9	19.7
3	2437.0	30.5	31.6	30.5	32.6	2.1	0.0	30.5	31.6	54.0	23.5	22.4
4	3195.7	30.6	32.8	31.7	32.2	2.5	0.0	32.6	34.8	54.0	21.4	19.2
5	6376.3	29.7	32.1	36.9	31.0	3.6	0.0	39.2	41.6	54.0	14.8	12.4

*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (1GHz-26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Equipment	: REFERENCE TOOL	Regulation	: Fcc Part15 Subpart C 15.247(d)
Model	: DECR-1000A	Test distance	: 3/1m
Sample No.	: SR000001	Date	: 07/18/2006
Power	: AC120V/60Hz	Temperature	: 23deg.C
Mode	: WLAN 11g , Tx 2412MHz , 54Mbps	Humidity	: 78%
Remarks	: Hor X-axis / Ver Y-axis	Engineer	: Takumi Shimada

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	1994.5	47.8	49.9	31.3	32.9	1.9	0.0	48.1	50.2	74.0	25.9	23.8
2	2390.0	50.9	53.4	30.6	32.7	2.1	0.0	50.9	53.4	74.0	23.1	20.6
3*	2400.0	73.6	72.1	30.6	32.7	2.1	0.0	73.6	72.1	74.0	-	-
4	3191.5	46.2	48.8	31.7	32.2	2.5	0.0	48.2	50.8	74.0	25.8	23.2
5	4824.0	42.7	42.8	35.8	31.5	3.2	0.1	50.3	50.4	74.0	23.7	23.6
6	6380.2	42.3	42.3	36.9	31.0	3.6	0.6	52.4	52.4	74.0	21.6	21.6
7	7236.0	43.3	43.9	37.6	32.4	3.9	0.4	52.8	53.4	74.0	21.2	20.6
8	9648.0	42.8	43.0	36.6	33.0	4.8	0.7	51.9	52.1	74.0	22.1	21.9
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
9	12060.0	not found	not found	-	-	-	-	-	-	74.0	-	-
10	14472.0	not found	not found	-	-	-	-	-	-	74.0	-	-
11	16884.0	not found	not found	-	-	-	-	-	-	74.0	-	-
12	19296.0	not found	not found	-	-	-	-	-	-	74.0	-	-
13	21708.0	not found	not found	-	-	-	-	-	-	74.0	-	-
14	24120.0	45.8	46.0	39.1	31.8	8.0	0.0	51.6	51.8	74.0	22.4	22.2

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	1994.5	33.3	34.6	31.3	32.9	1.9	0.0	33.6	34.9	54.0	20.4	19.1
2	2390.0	34.6	36.4	30.6	32.7	2.1	0.0	34.6	36.4	54.0	19.4	17.6
3*	2400.0	48.9	48.3	30.6	32.7	2.1	0.0	48.9	48.3	54.0	-	-
4	3191.5	31.6	30.8	31.7	32.2	2.5	0.0	33.6	32.8	54.0	20.4	21.2
5	4824.0	30.6	30.1	35.8	31.5	3.2	0.1	38.2	37.7	54.0	15.8	16.3
6	6380.2	30.0	30.1	36.9	31.0	3.6	0.6	40.1	40.2	54.0	13.9	13.8
7	7236.0	30.9	30.7	37.6	32.4	3.9	0.4	40.4	40.2	54.0	13.6	13.8
8	9648.0	30.7	30.5	36.6	33.0	4.8	0.7	39.8	39.6	54.0	14.2	14.4
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
9	12060.0	not found	not found	-	-	-	-	-	-	54.0	-	-
10	14472.0	not found	not found	-	-	-	-	-	-	54.0	-	-
11	16884.0	not found	not found	-	-	-	-	-	-	54.0	-	-
12	19296.0	not found	not found	-	-	-	-	-	-	54.0	-	-
13	21708.0	not found	not found	-	-	-	-	-	-	54.0	-	-
14	24120.0	33.5	33.5	39.1	31.8	8.0	0.0	39.3	39.3	54.0	14.7	14.7

* Reference data

20dBc(Fundamental 2412MHz) (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]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2412.0	87.6	87.6	30.6	32.7	2.1	0.0	87.6	87.6	-	-	-
3	2400.0	56.4	55.6	30.6	32.7	2.1	0.0	56.4	55.6	Funda-20dB	11.2	12.0

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (1GHz-26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Equipment	: REFERENCE TOOL	Regulation	: Fcc Part15 Subpart C 15.247(d)
Model	: DECR-1000A	Test distance	: 3/1m
Sample No.	: SR000001	Date	: 07/18/2006
Power	: AC 120 V / 60 Hz	Temperature	: 23deg. C
Mode	: WLAN 11g , Tx 2437MHz , 54Mbps	Humidity	: 78%
Remarks	: Hor X-axis / Ver Y-axis	Engineer	: Takumi Shimada

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	1995.6	48.9	49.1	31.3	32.9	1.9	0.0	49.2	49.4	74.0	24.8	24.6
2	3198.3	44.9	47.8	31.7	32.2	2.5	0.0	46.9	49.8	74.0	27.1	24.2
3	4874.0	43.0	42.3	36.1	31.5	3.2	0.0	50.8	50.1	74.0	23.2	23.9
4	6377.6	42.4	41.6	36.9	31.0	3.6	0.6	52.5	51.7	74.0	21.5	22.3
5	7311.0	43.6	44.4	37.8	32.5	3.9	0.4	53.2	54.0	74.0	20.8	20.0
6	9748.0	43.1	43.2	36.6	33.1	4.8	0.7	52.1	52.2	74.0	21.9	21.8
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12185.0	not found	not found	-	-	-	-	-	-	74.0	-	-
8	14622.0	not found	not found	-	-	-	-	-	-	74.0	-	-
9	17059.0	not found	not found	-	-	-	-	-	-	74.0	-	-
10	19496.0	not found	not found	-	-	-	-	-	-	74.0	-	-
11	21933.0	not found	not found	-	-	-	-	-	-	74.0	-	-
12	24370.0	45.8	45.9	39.1	31.7	8.0	0.0	51.7	51.8	74.0	22.3	22.2

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	1995.6	33.7	34.2	31.3	32.9	1.9	0.0	34.0	34.5	54.0	20.0	19.5
2	3198.3	31.0	30.6	31.7	32.2	2.5	0.0	33.0	32.6	54.0	21.0	21.4
3	4874.0	30.2	30.0	36.1	31.5	3.2	0.0	38.0	37.8	54.0	16.0	16.2
4	6377.6	30.2	30.2	36.9	31.0	3.6	0.6	40.3	40.3	54.0	13.7	13.7
5	7311.0	31.1	31.0	37.8	32.5	3.9	0.4	40.7	40.6	54.0	13.3	13.4
6	9748.0	30.9	30.8	36.6	33.1	4.8	0.7	39.9	39.8	54.0	14.1	14.2
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	12185.0	not found	not found	-	-	-	-	-	-	54.0	-	-
8	14622.0	not found	not found	-	-	-	-	-	-	54.0	-	-
9	17059.0	not found	not found	-	-	-	-	-	-	54.0	-	-
10	19496.0	not found	not found	-	-	-	-	-	-	54.0	-	-
11	21933.0	not found	not found	-	-	-	-	-	-	54.0	-	-
12	24370.0	33.9	34.0	39.1	31.7	8.0	0.0	39.8	39.9	54.0	14.2	14.1

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (1GHz-26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Equipment	: REFERENCE TOOL	Regulation	: Fcc Part15 Subpart C 15.247(d)
Model	: DECR-1000A	Test distance	: 3/1m
Sample No.	: SR000001	Date	: 07/18/2006
Power	: AC 120 V / 60 Hz	Temperature	: 23deg.C
Mode	: WLAN 11g , Tx 2462MHz , 54Mbps	Humidity	: 78%
Remarks	: Hor X-axis / Ver Y-axis	Engineer	: Takumi Shimada

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	1992.3	48.4	49.4	31.2	32.9	1.9	0.0	48.6	49.6	74.0	25.4	24.4
2	2483.5	56.1	57.8	30.4	32.6	2.2	0.0	56.1	57.8	74.0	17.9	16.2
3	3190.8	45.2	48.4	31.7	32.2	2.5	0.0	47.2	50.4	74.0	26.8	23.6
4	4924.0	43.2	42.5	36.4	31.5	3.2	0.0	51.3	50.6	74.0	22.7	23.4
5	6385.0	42.6	43.0	36.9	31.0	3.6	0.6	52.7	53.1	74.0	21.3	20.9
6	7386.0	43.5	43.7	38.0	32.5	3.9	0.5	53.4	53.6	74.0	20.6	20.4
7	9848.0	42.8	43.0	36.5	33.1	4.9	0.7	51.8	52.0	74.0	22.2	22.0
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12310.0	not found	not found	-	-	-	-	-	-	74.0	-	-
9	14772.0	not found	not found	-	-	-	-	-	-	74.0	-	-
10	17234.0	not found	not found	-	-	-	-	-	-	74.0	-	-
11	19696.0	not found	not found	-	-	-	-	-	-	74.0	-	-
12	22158.0	not found	not found	-	-	-	-	-	-	74.0	-	-
13	24620.0	46.3	46.2	39.2	31.5	8.0	0.0	52.5	52.4	74.0	21.5	21.6

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	1992.3	33.3	34.0	31.2	32.9	1.9	0.0	33.5	34.2	54.0	20.5	19.8
2	2483.5	38.4	39.9	30.4	32.6	2.2	0.0	38.4	39.9	54.0	15.6	14.1
3	3190.8	31.3	32.2	31.7	32.2	2.5	0.0	33.3	34.2	54.0	20.7	19.8
4	4924.0	30.0	30.0	36.4	31.5	3.2	0.0	38.1	38.1	54.0	15.9	15.9
5	6385.0	30.2	30.2	36.9	31.0	3.6	0.6	40.3	40.3	54.0	13.7	13.7
6	7386.0	31.1	31.0	38.0	32.5	3.9	0.5	41.0	40.9	54.0	13.0	13.1
7	9848.0	31.1	30.4	36.5	33.1	4.9	0.7	40.1	39.4	54.0	13.9	14.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	12310.0	not found	not found	-	-	-	-	-	-	54.0	-	-
9	14772.0	not found	not found	-	-	-	-	-	-	54.0	-	-
10	17234.0	not found	not found	-	-	-	-	-	-	54.0	-	-
11	19696.0	not found	not found	-	-	-	-	-	-	54.0	-	-
12	22158.0	not found	not found	-	-	-	-	-	-	54.0	-	-
13	24620.0	34.0	34.0	39.2	31.5	8.0	0.0	40.2	40.2	54.0	13.8	13.8

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (1GHz-26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.4 Semi Anechoic Chamber

Company	: Sony Computer Entertainment Inc.	Report No.	: 26KE0202-HO
Equipment	: REFERENCE TOOL	Regulation	: Fcc Part15 Subpart C 15.247(d)
Model	: DECR-1000A	Test distance	: 3m
Sample No.	: SR000001	Date	: 06/23/2006
Power	: AC 120 V / 60 Hz	Temperature	: 24deg.C
Mode	: WLAN 11g , Rx 2437MHz , 54Mbps	Humidity	: 68%
Remarks	: Hor X-axis / Ver Y-axis	Engineer	: Yasuyuki Fukui

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	1995.0	51.8	50.9	31.3	32.9	1.9	0.0	52.1	51.2	74.0	21.9	22.8
2	2295.0	47.8	47.3	30.8	32.7	2.1	0.0	48.0	47.5	74.0	26.0	26.5
3	2394.0	50.4	42.5	30.6	32.7	2.1	0.0	50.4	42.5	74.0	23.6	31.5
4	2437.0	40.8	41.1	30.5	32.6	2.1	0.0	40.8	41.1	74.0	33.2	32.9

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

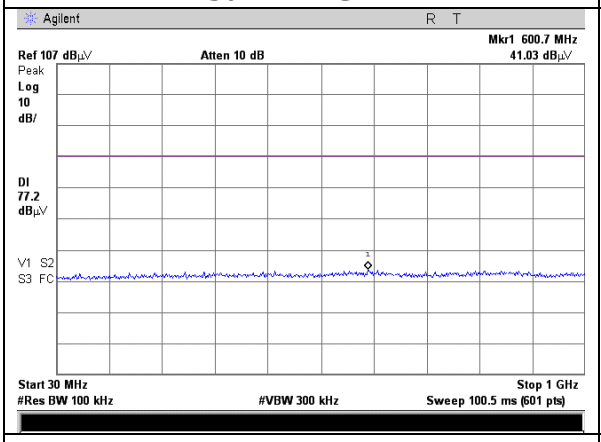
No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1995.0	35.0	35.5	31.3	32.9	1.9	0.0	35.3	35.8	54.0	18.7	18.2
2	2295.0	34.1	34.3	30.8	32.7	2.1	0.0	34.3	34.5	54.0	19.7	19.5
3	2394.0	34.0	32.4	30.6	32.7	2.1	0.0	34.0	32.4	54.0	20.0	21.6
4	2437.0	30.7	31.6	30.5	32.6	2.1	0.0	30.7	31.6	54.0	23.3	22.4

*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

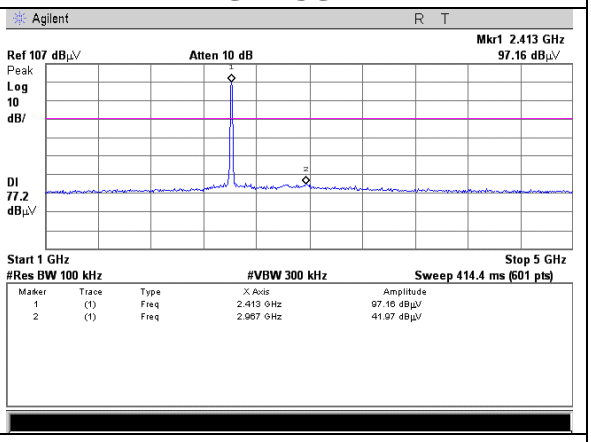
Conducted Spurious Emission

IEEE802.11b Tx Ch: Low

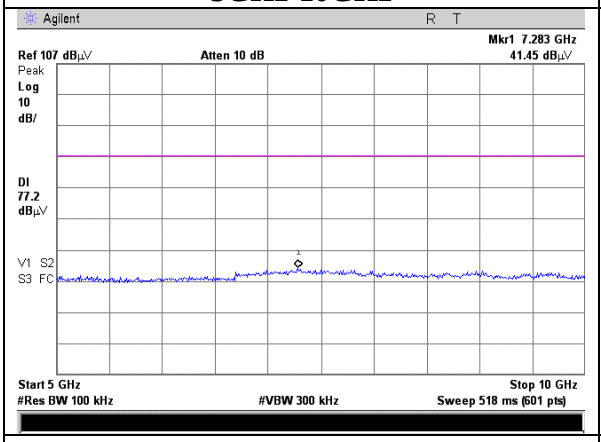
30MHz-1GHz



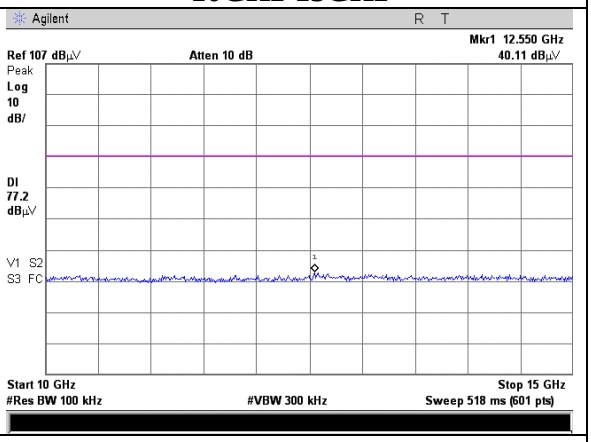
1GHz-5GHz



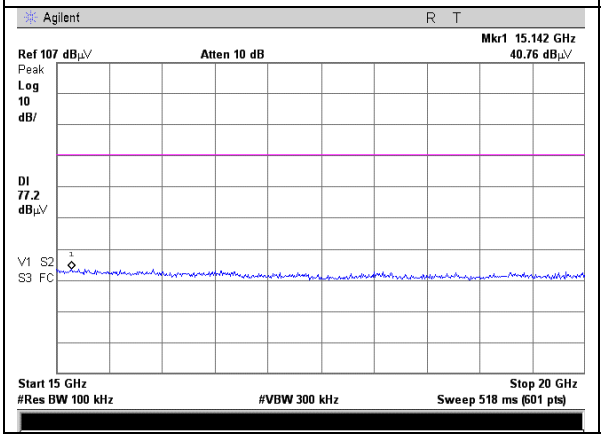
5GHz-10GHz



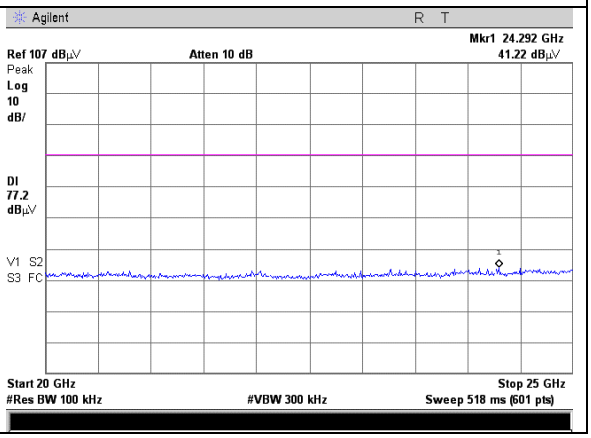
10GHz-15GHz



15GHz-20GHz

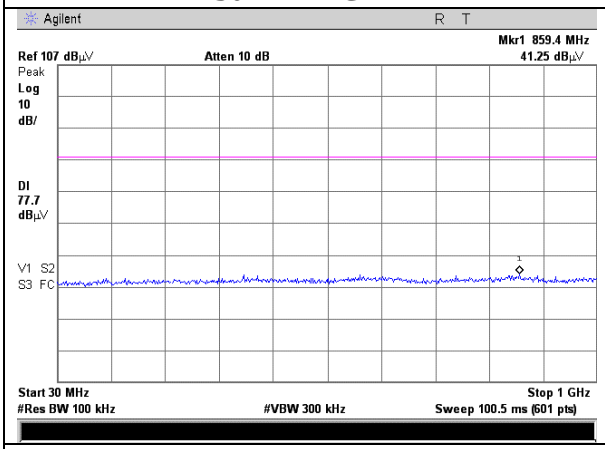


20GHz-25GHz

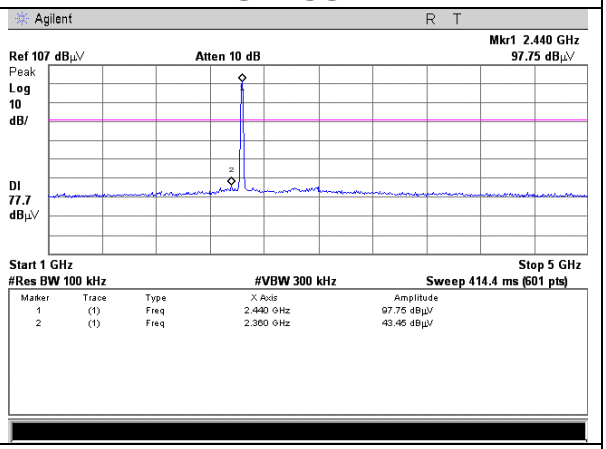


Conducted Spurious Emission
IEEE802.11b Tx Ch: Mid

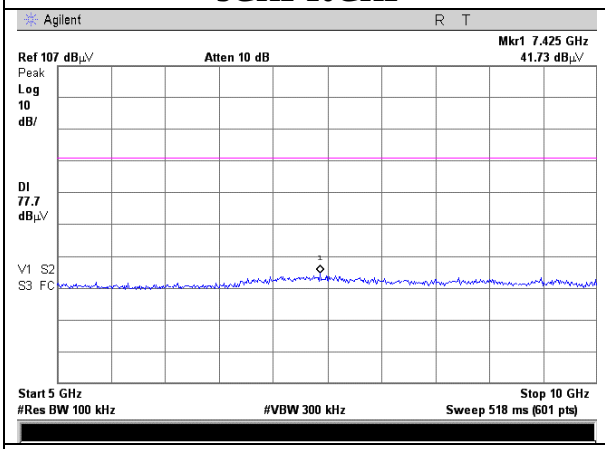
30MHz-1GHz



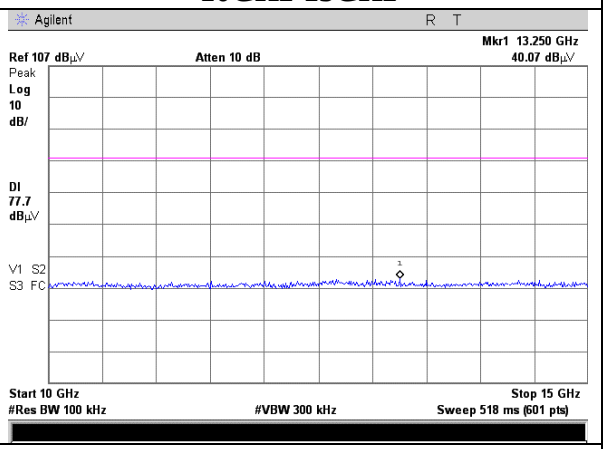
1GHz-5GHz



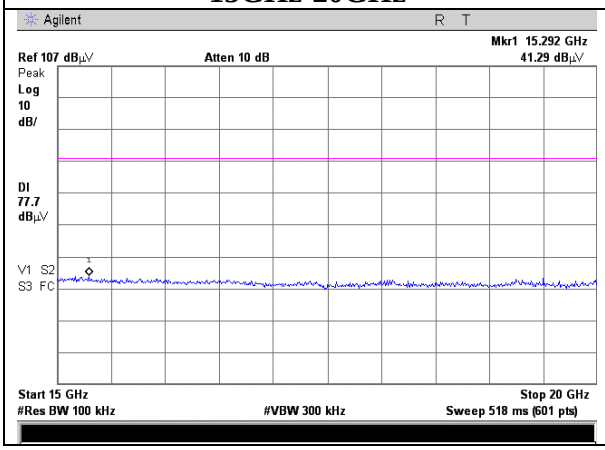
5GHz-10GHz



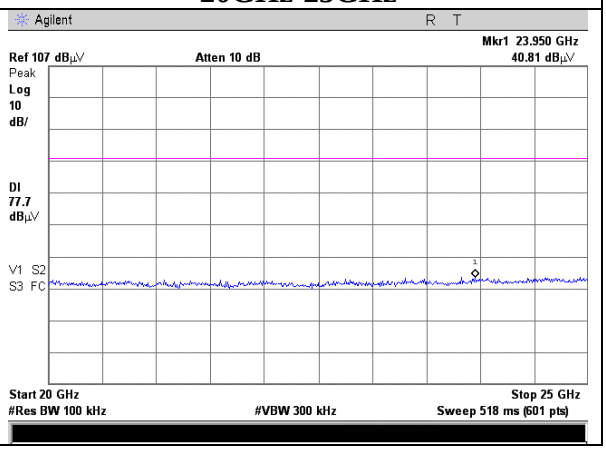
10GHz-15GHz



15GHz-20GHz

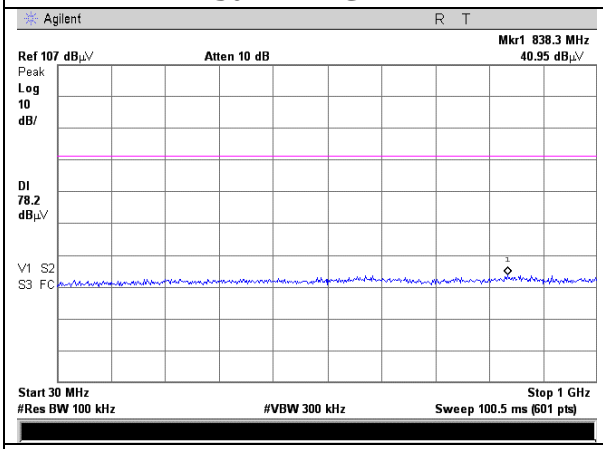


20GHz-25GHz

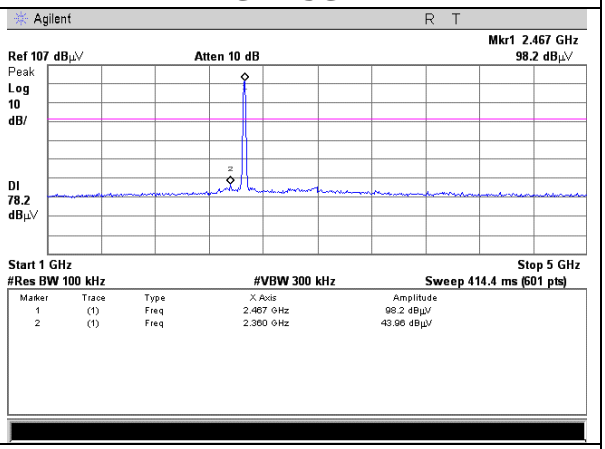


Conducted Spurious Emission
IEEE802.11b Tx Ch: High

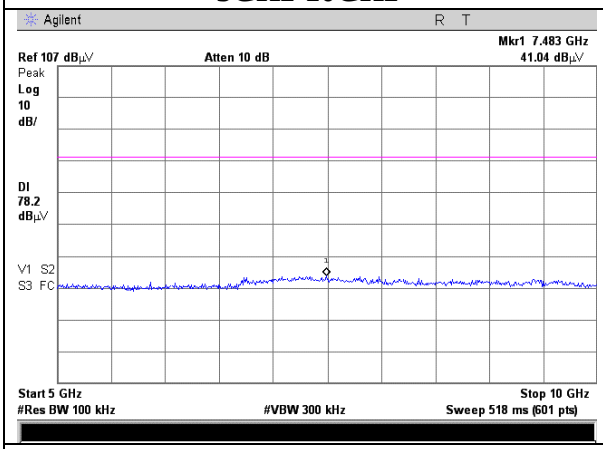
30MHz-1GHz



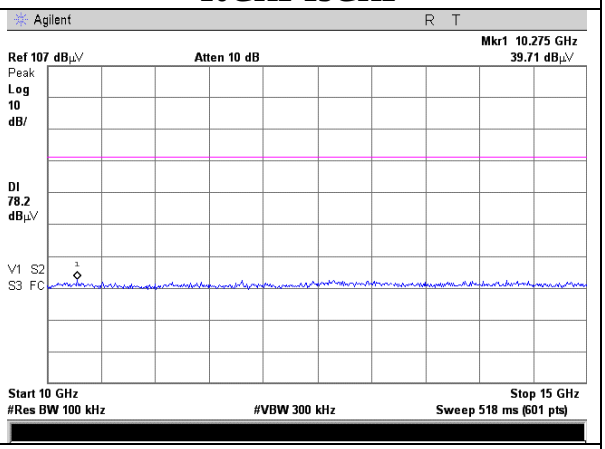
1GHz-5GHz



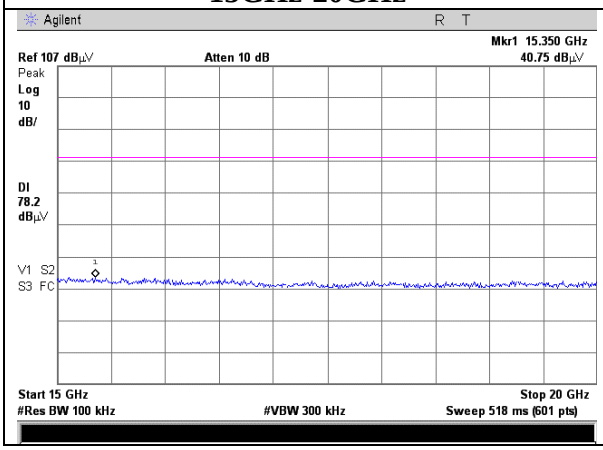
5GHz-10GHz



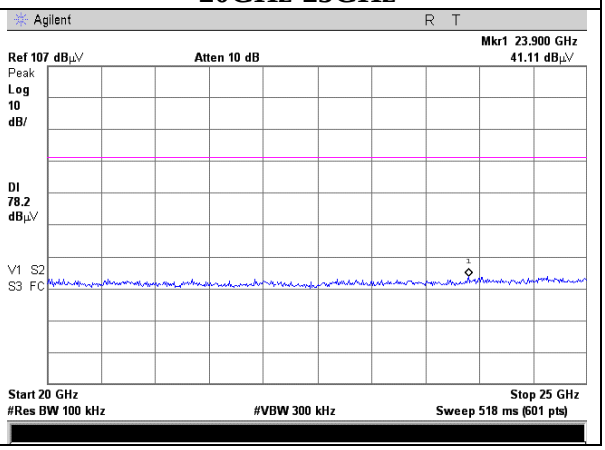
10GHz-15GHz



15GHz-20GHz

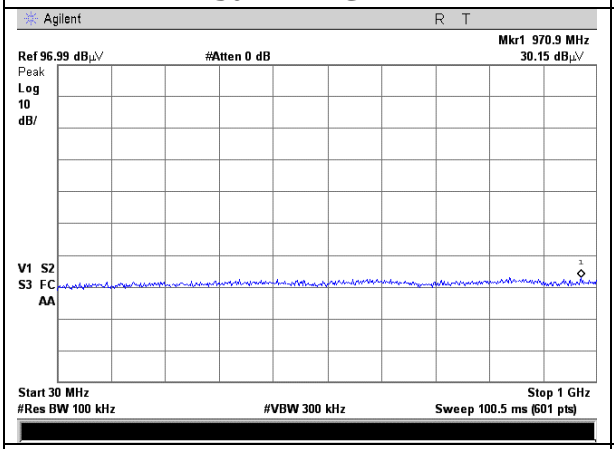


20GHz-25GHz

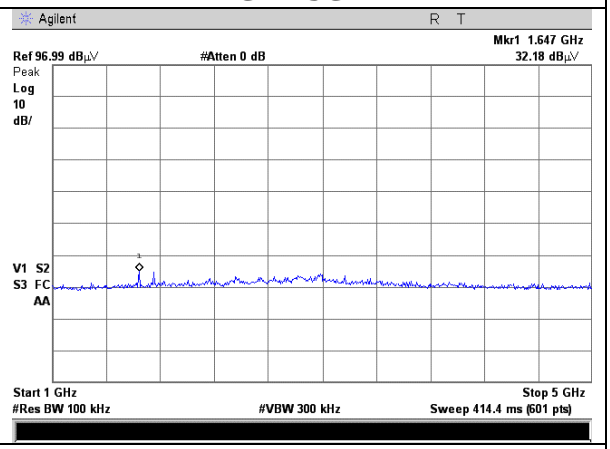


Conducted Spurious Emission
IEEE802.11b Rx Ch: Mid

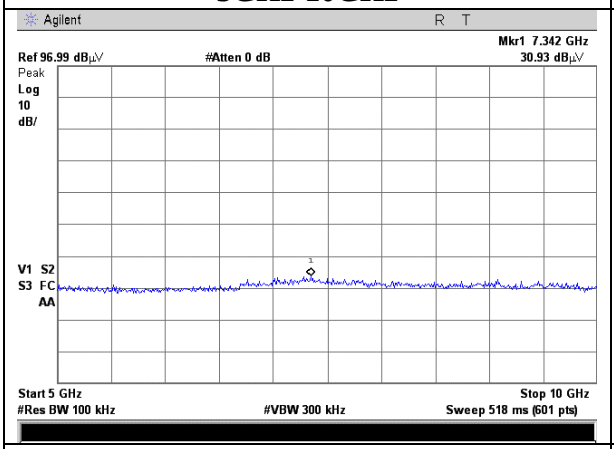
30MHz-1GHz



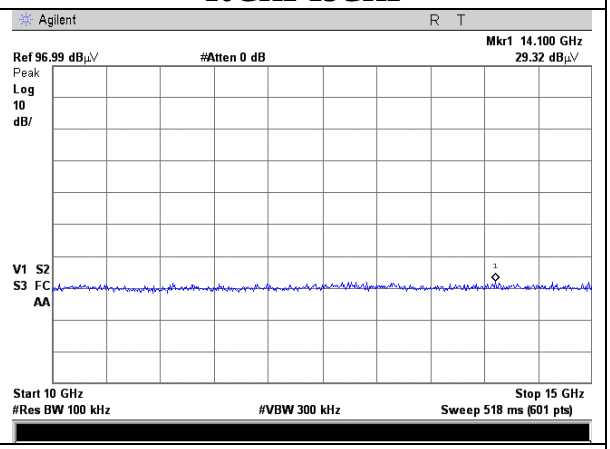
1GHz-5GHz



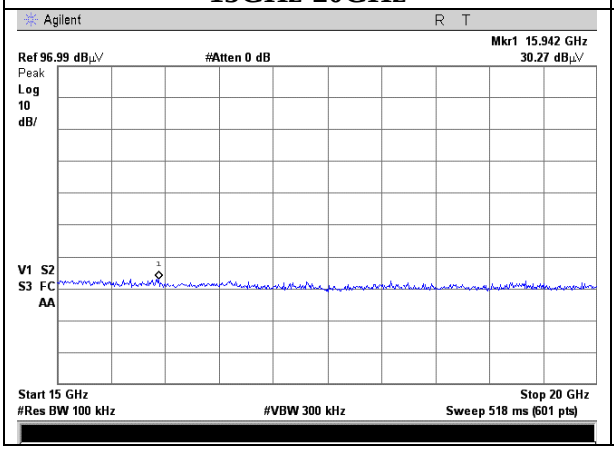
5GHz-10GHz



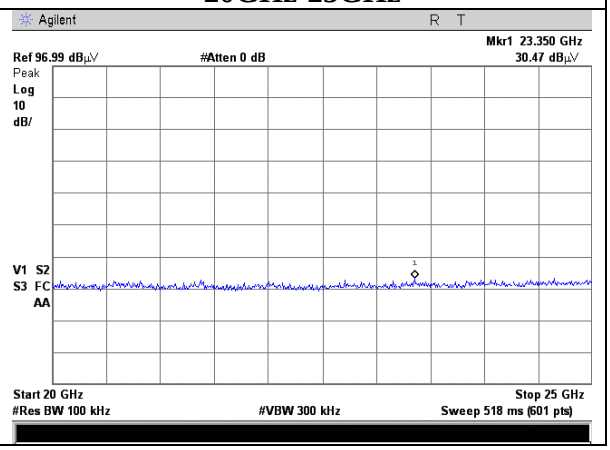
10GHz-15GHz



15GHz-20GHz

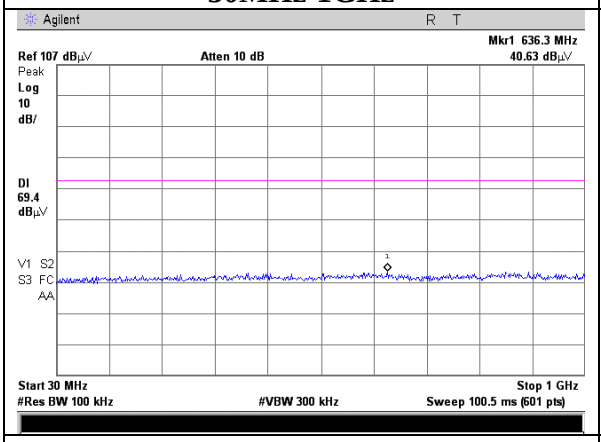


20GHz-25GHz

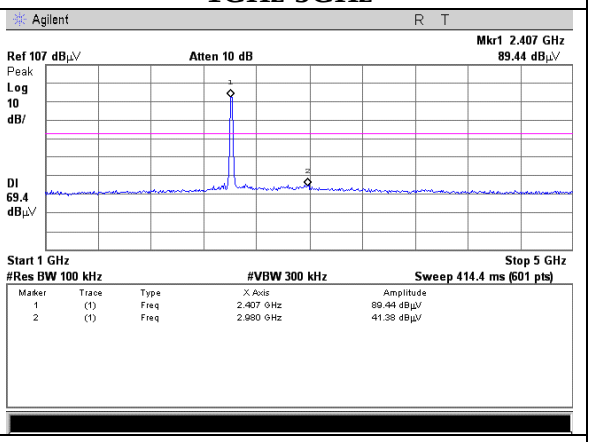


Conducted Spurious Emission
IEEE802.11g Tx Ch: Low

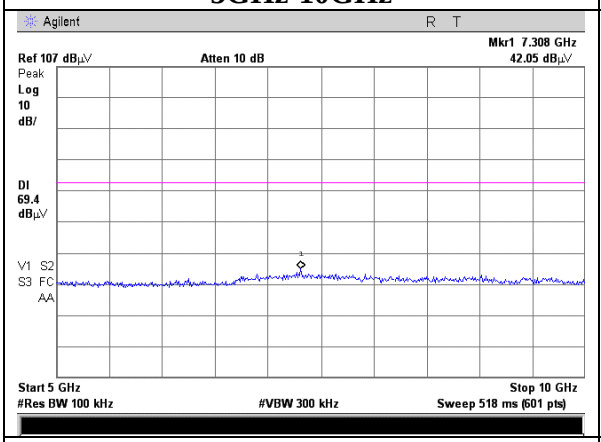
30MHz-1GHz



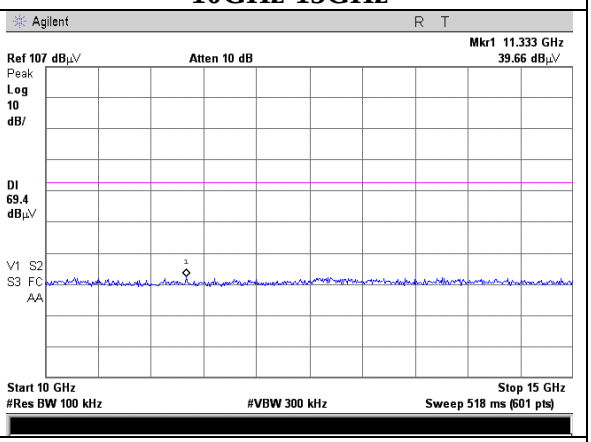
1GHz-5GHz



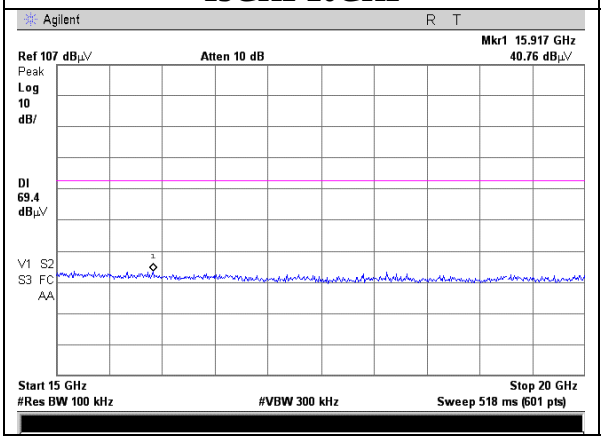
5GHz-10GHz



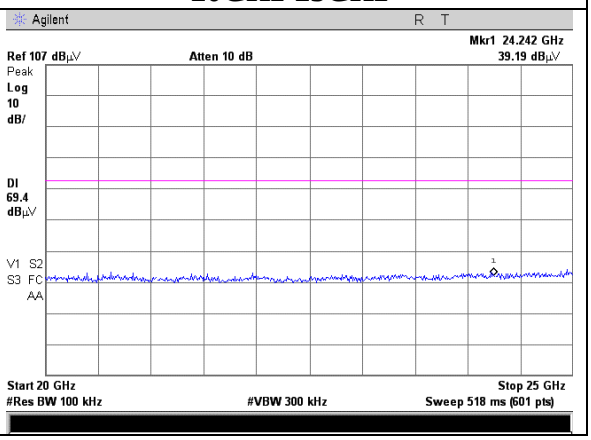
10GHz-15GHz



15GHz-20GHz

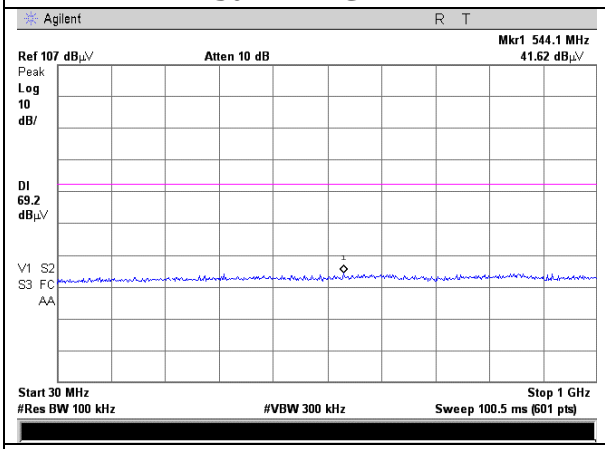


20GHz-25GHz

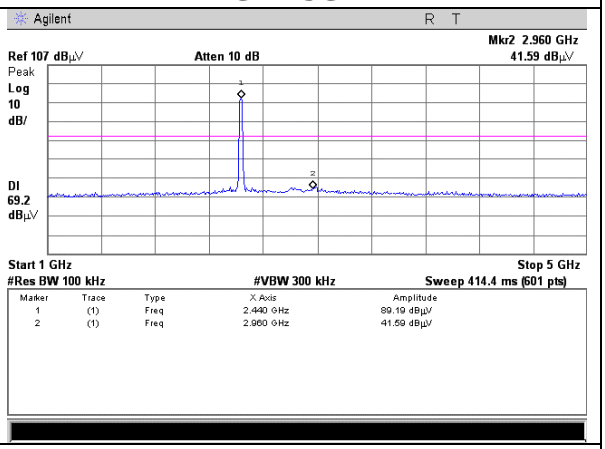


Conducted Spurious Emission
IEEE802.11g Tx Ch: Mid

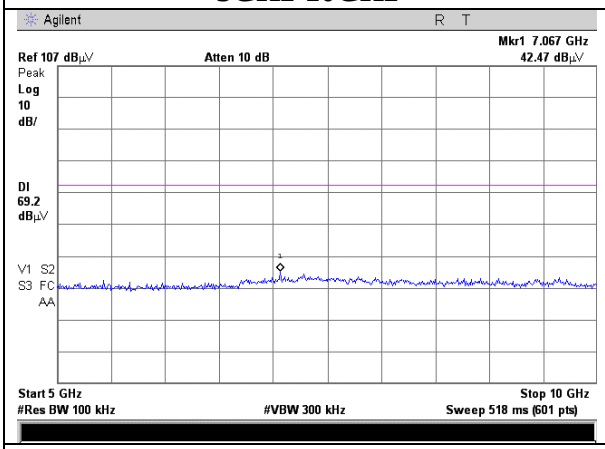
30MHz-1GHz



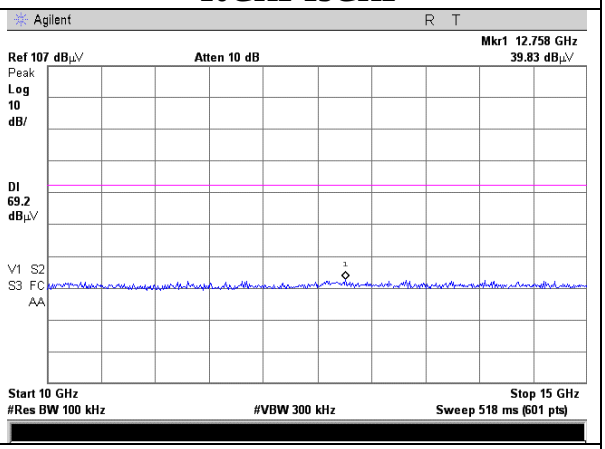
1GHz-5GHz



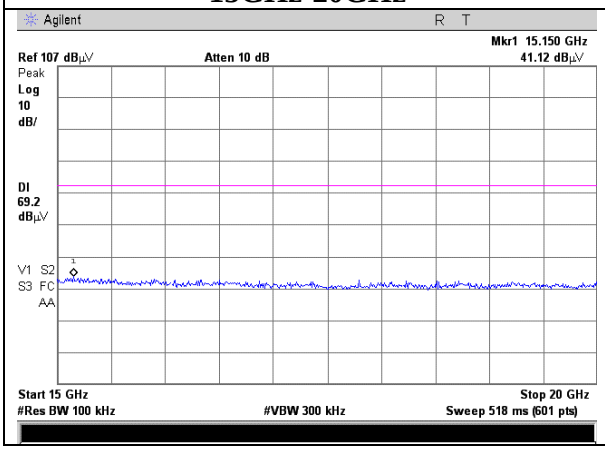
5GHz-10GHz



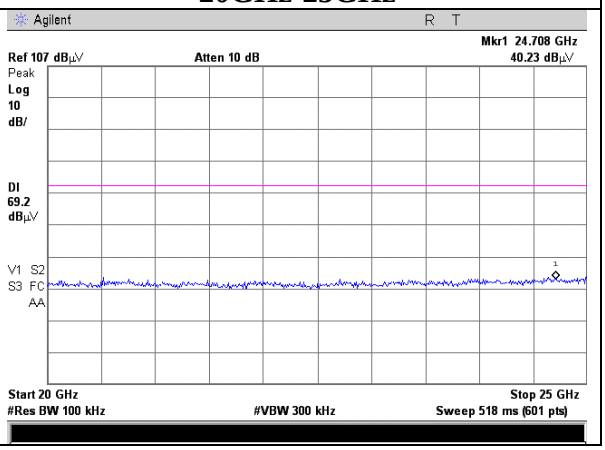
10GHz-15GHz



15GHz-20GHz

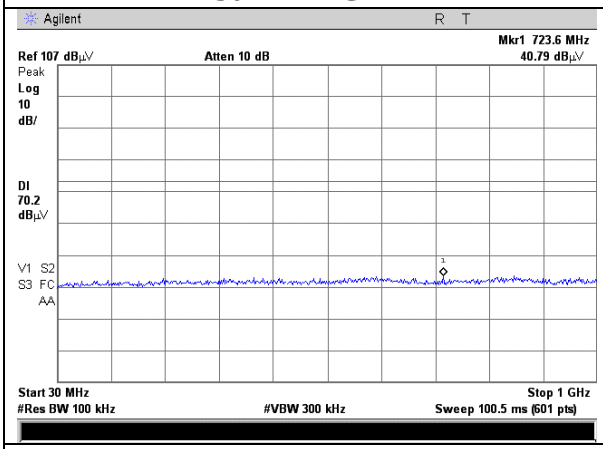


20GHz-25GHz

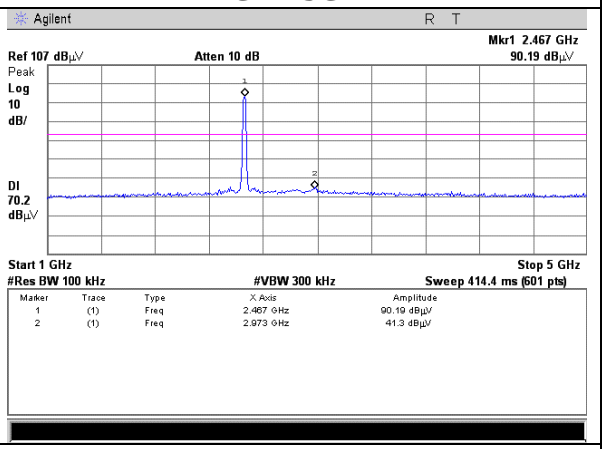


Conducted Spurious Emission
IEEE802.11g Tx Ch: High

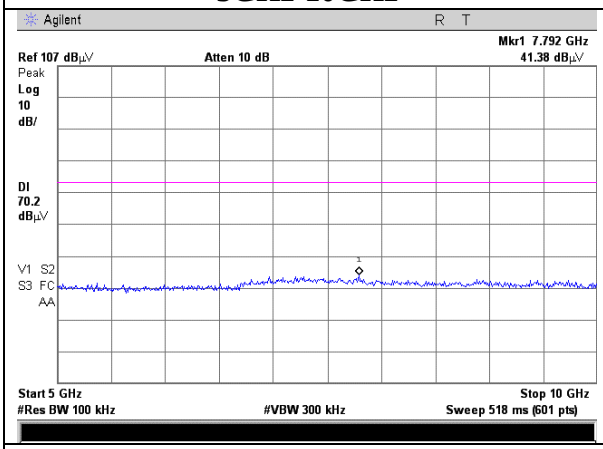
30MHz-1GHz



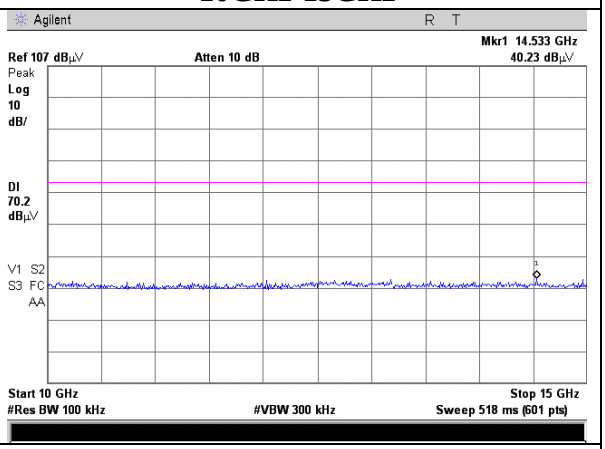
1GHz-5GHz



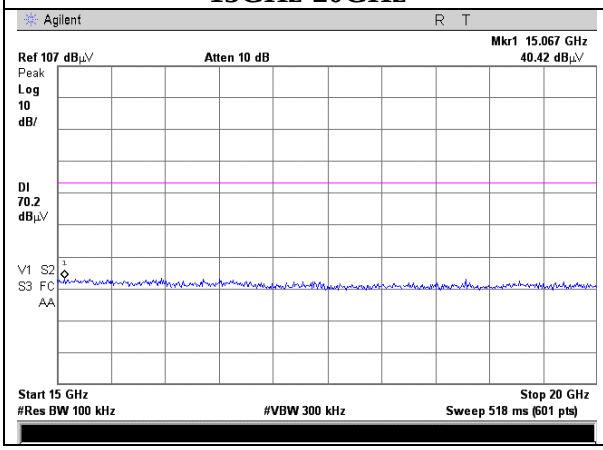
5GHz-10GHz



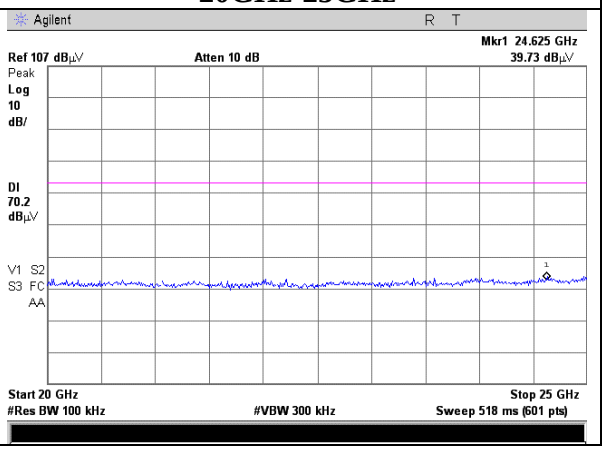
10GHz-15GHz



15GHz-20GHz

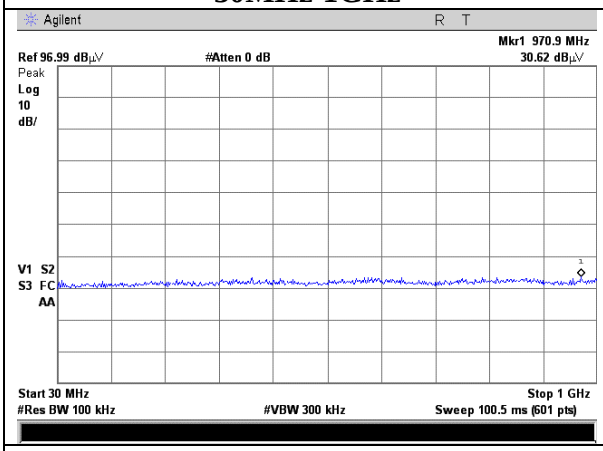


20GHz-25GHz

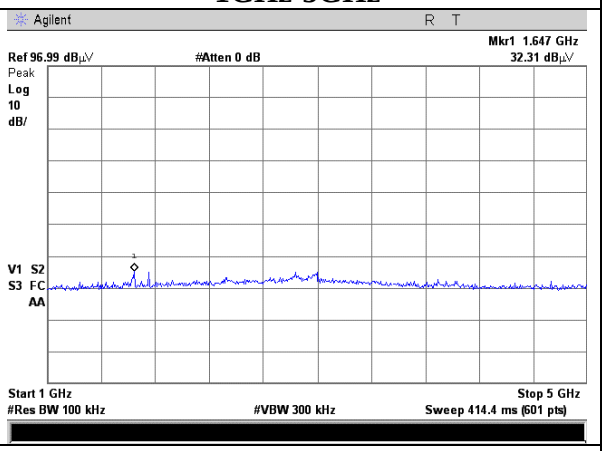


Conducted Spurious Emission
IEEE802.11g Rx Ch: Mid

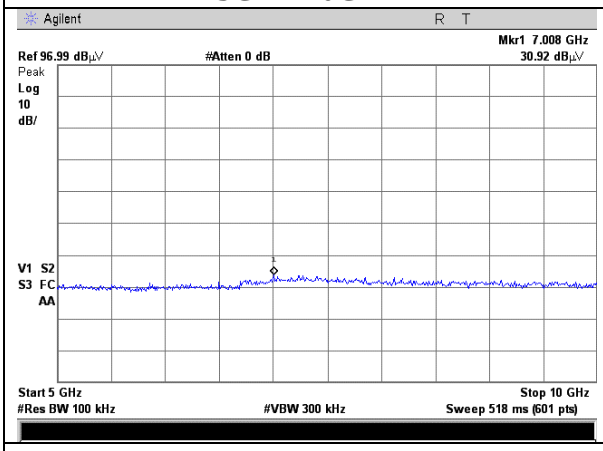
30MHz-1GHz



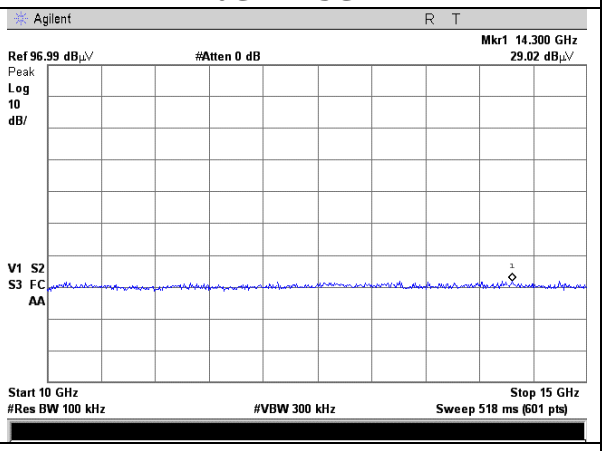
1GHz-5GHz



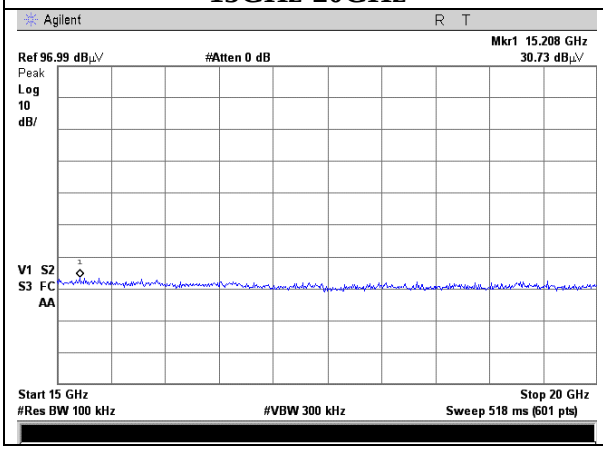
5GHz-10GHz



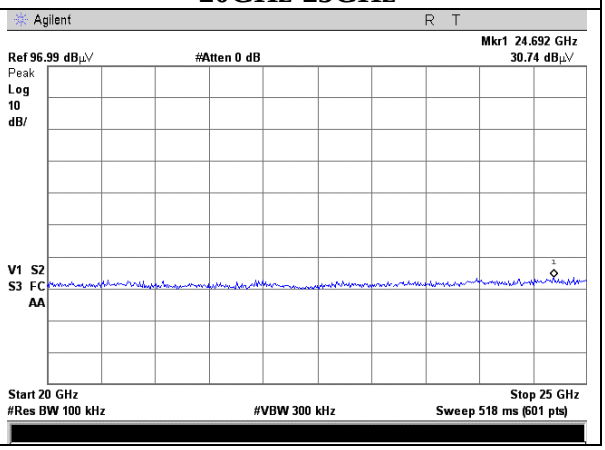
10GHz-15GHz



15GHz-20GHz



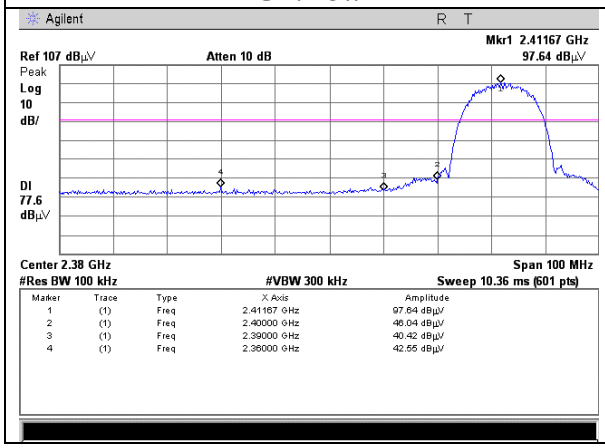
20GHz-25GHz



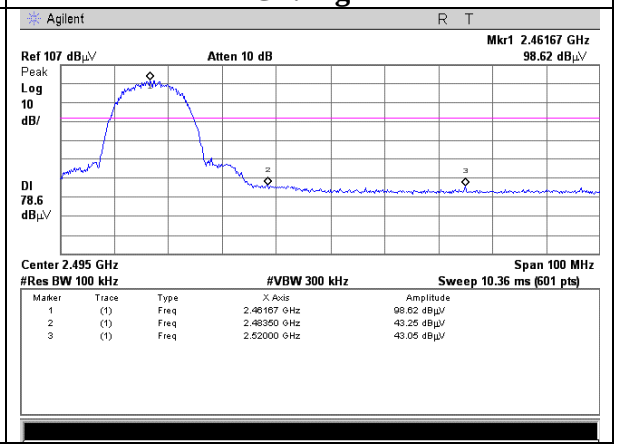
Conducted emission Band Edge compliance

IEEE802.11b

Ch:Low

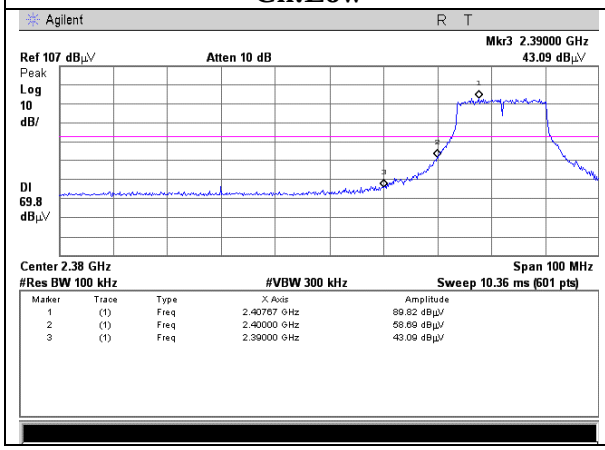


Ch:High

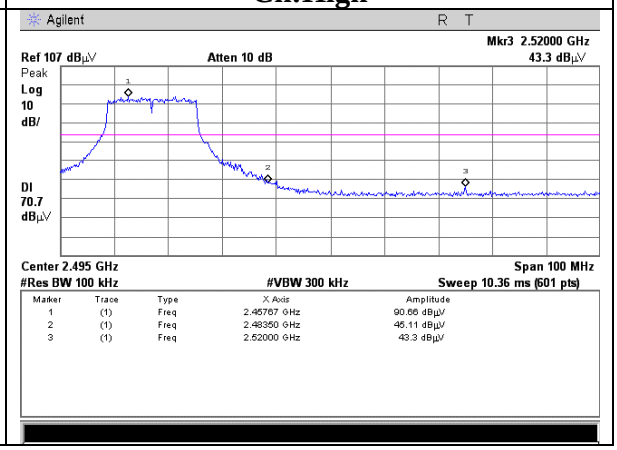


IEEE802.11g

Ch:Low



Ch:High



Power Density

UL Apex Co., Ltd.
Head Office EMC Lab. No.6 Shielded Room

COMPANY	: Sony Computer Entertainment Inc.	REGULATION	:	FCC Part15 Subpart C 15.247(e)
EQUIPMENT	: REFERENCE TOOL	TEST DISTANCE	:	-
MODEL	: DECR-1000A	DATE	:	07/14/2006 and 07/19/2006
S/ N	: SR000001	TEMPERATURE	:	26 deg.C and 24 deg.C
POWER	: AC120V / 60Hz	HUMIDITY	:	57% and 69%
Mode	: Tx(ch1,6,11)	ENGINEER	:	Takumi Shimada and Mitsuru Fujimura

[IEEE802.11b] 11Mbps

Ch	Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2412.0	-23.51	0.73	10.12	-12.66	8.00	20.66
Mid	2437.0	-22.77	0.79	10.12	-11.86	8.00	19.86
High	2462.0	-22.42	0.79	10.12	-11.51	8.00	19.51

[IEEE802.11g] 54Mbps

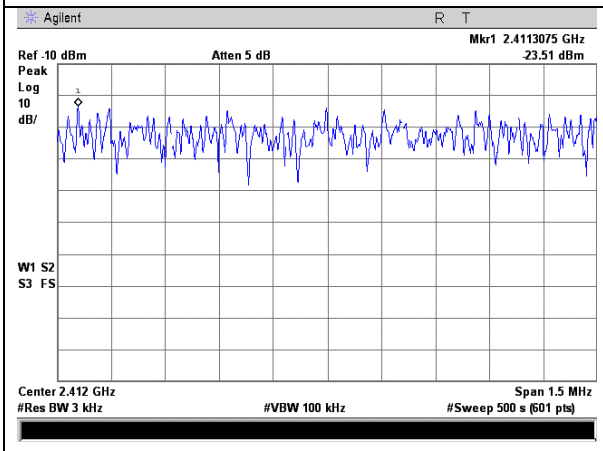
Ch	Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	2412.0	-31.85	0.73	10.12	-21.00	8.00	29.00
Mid	2437.0	-31.84	0.79	10.12	-20.93	8.00	28.93
High	2462.0	-31.71	0.79	10.12	-20.80	8.00	28.80

Sample Calculation:
Result = Reading + Cable Loss + Attenuator

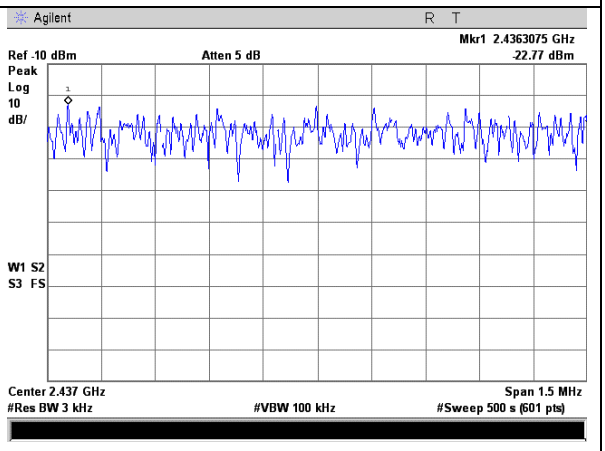
Power Density

IEEE802.11b

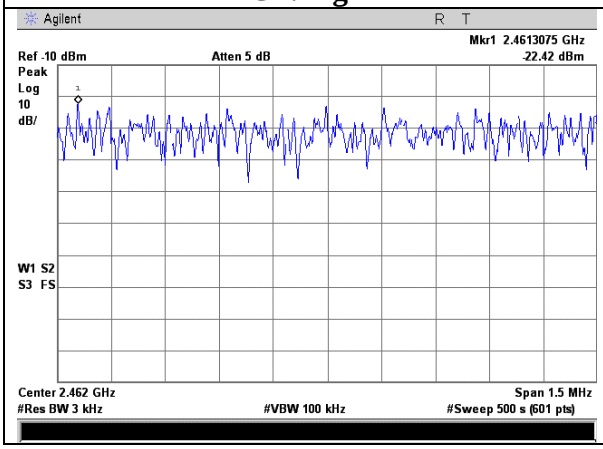
Ch:Low



Ch:Mid



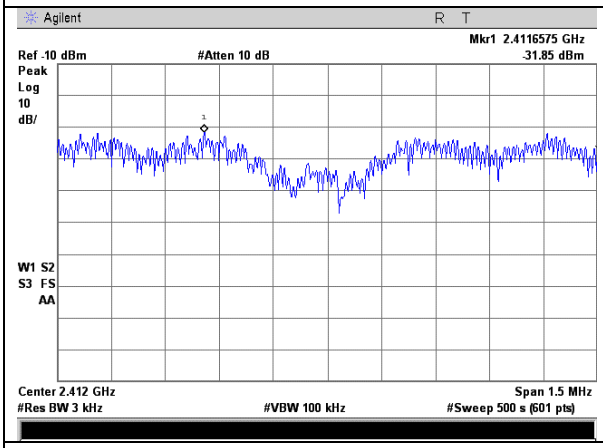
Ch:High



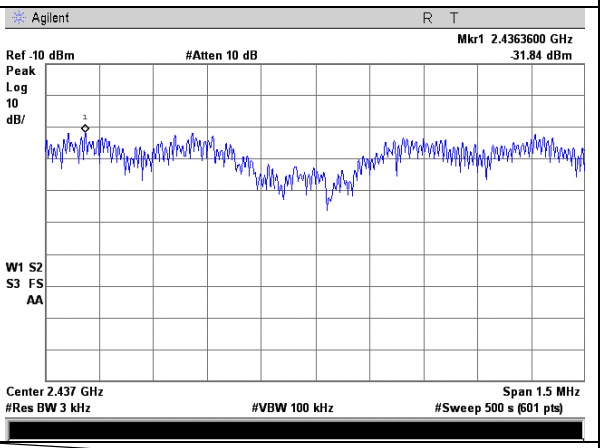
Power Density

IEEE802.11g

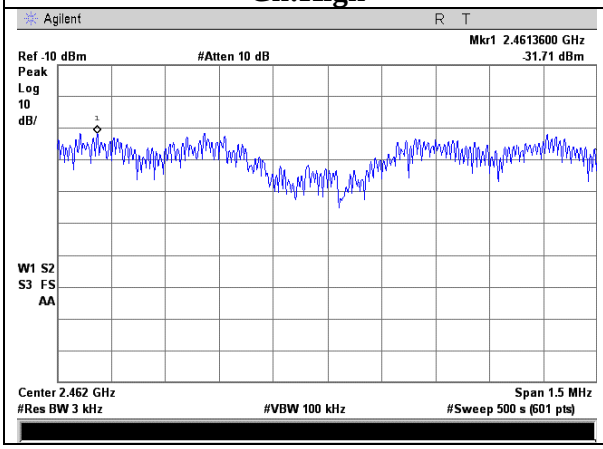
Ch:Low



Ch:Mid



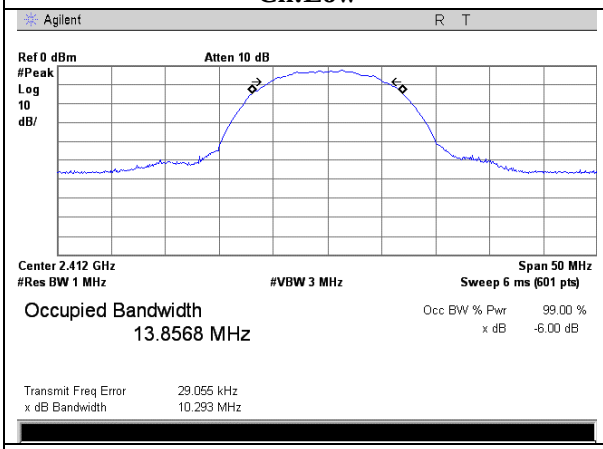
Ch:High



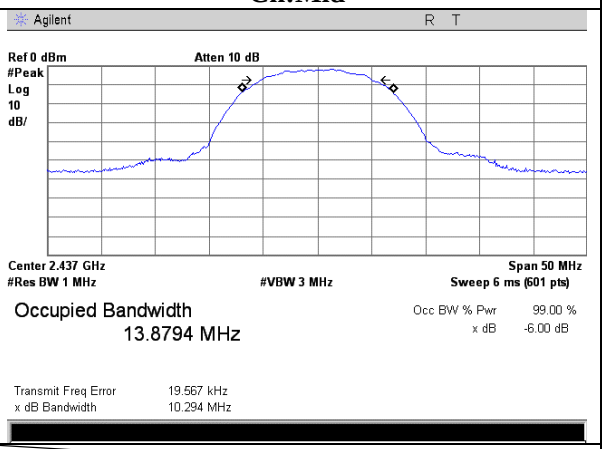
99%Occupied Bandwidth

IEEE802.11b

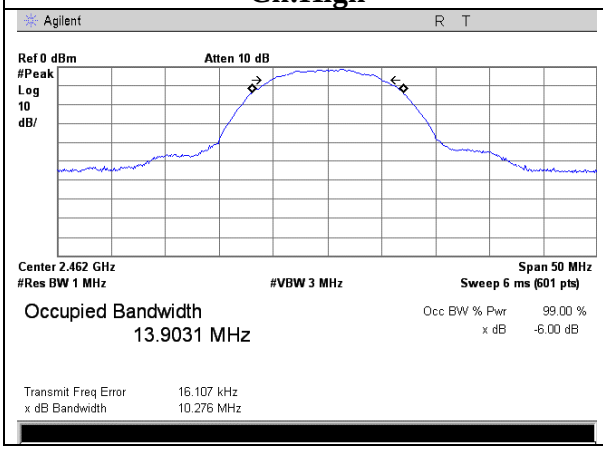
Ch:Low



Ch:Mid



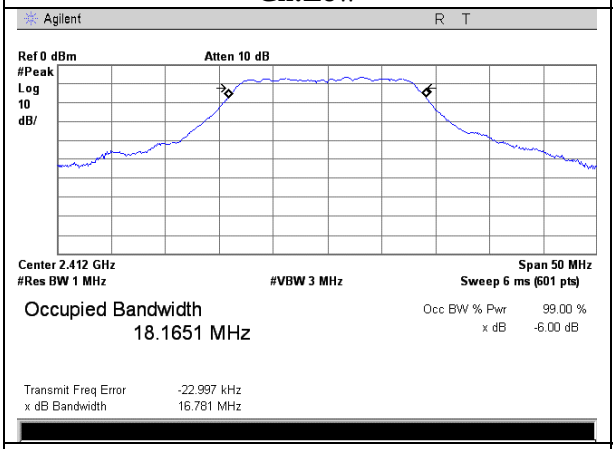
Ch:High



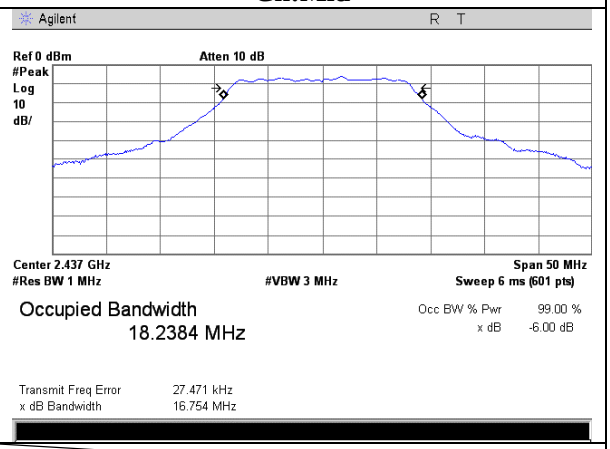
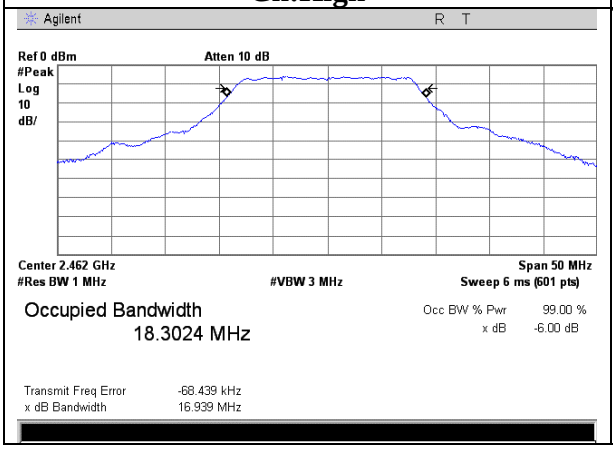
99%Occupied Bandwidth

IEEE802.11g

Ch:Low



Ch:Mid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