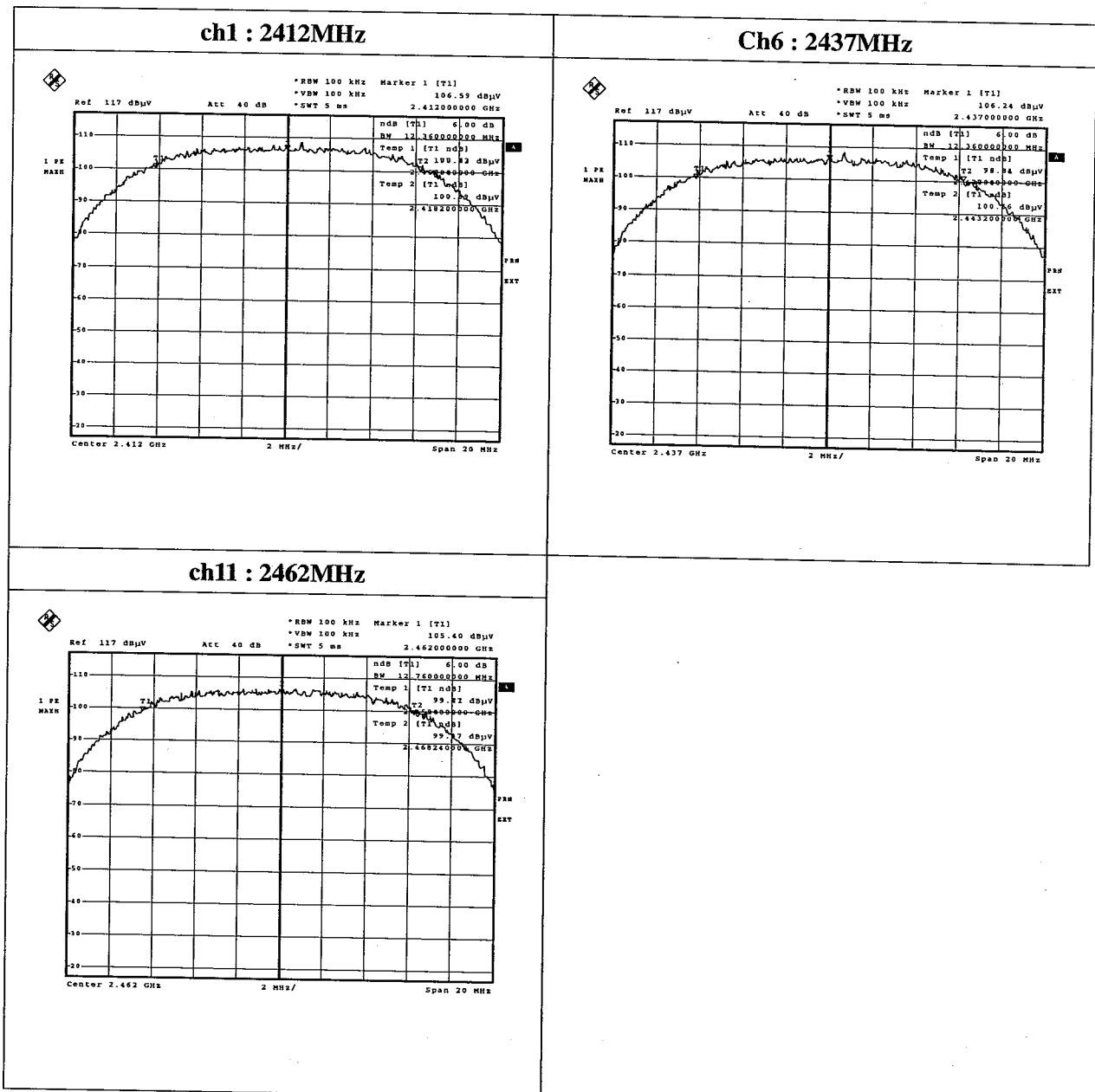
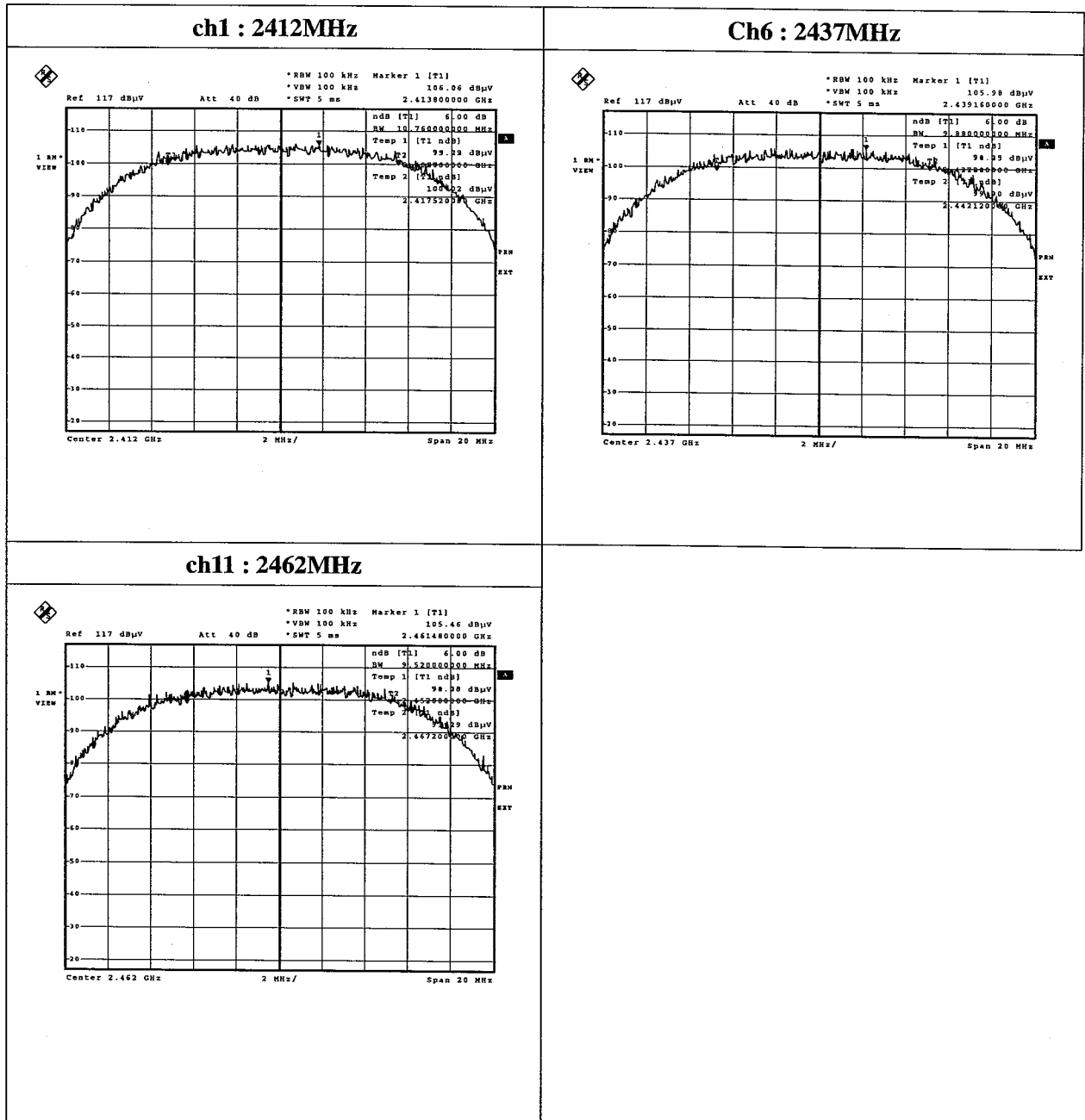


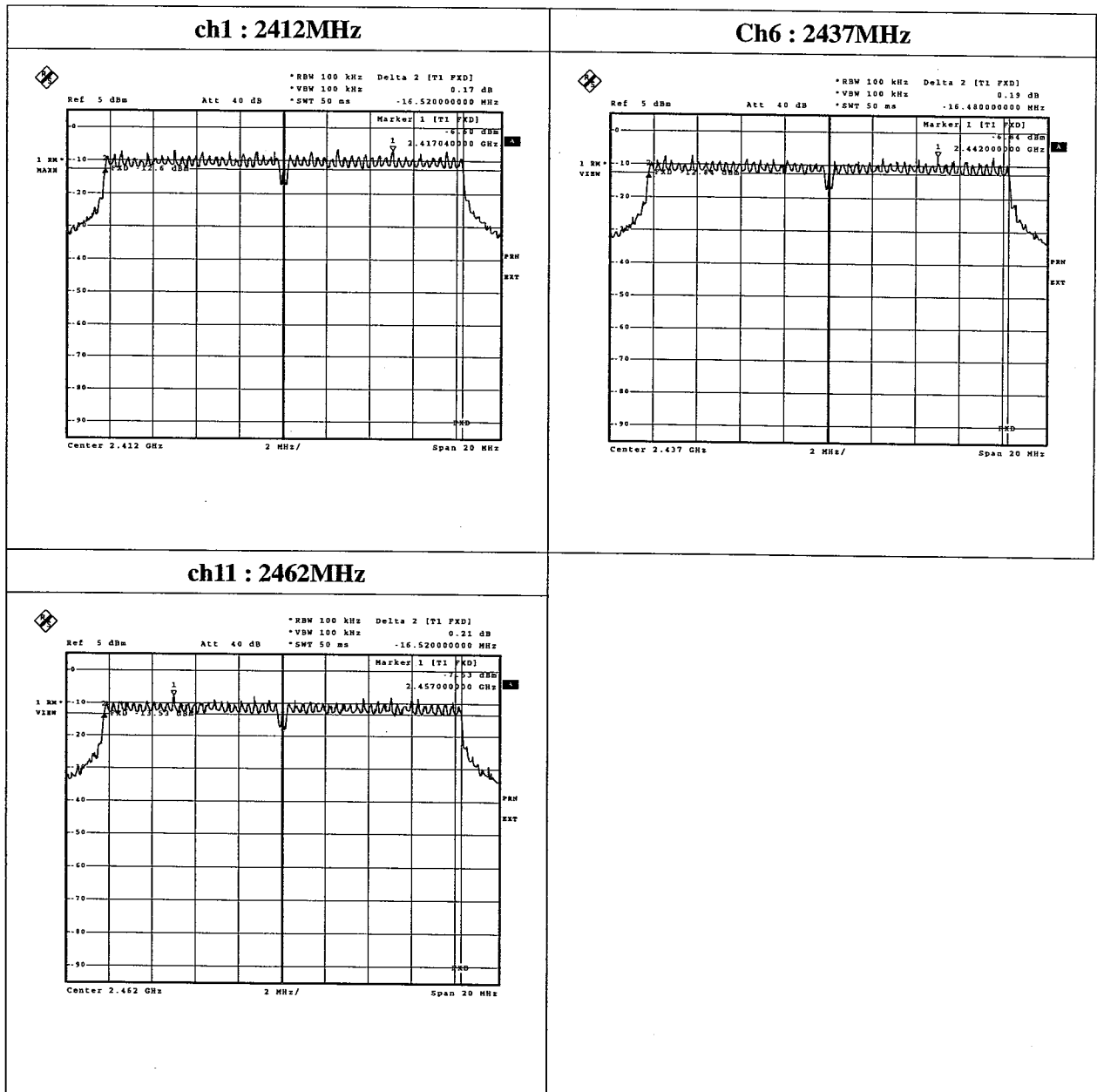
6dB Bandwidth (Conducted)
Main Antenna Data Rate : 11b 11Mbps



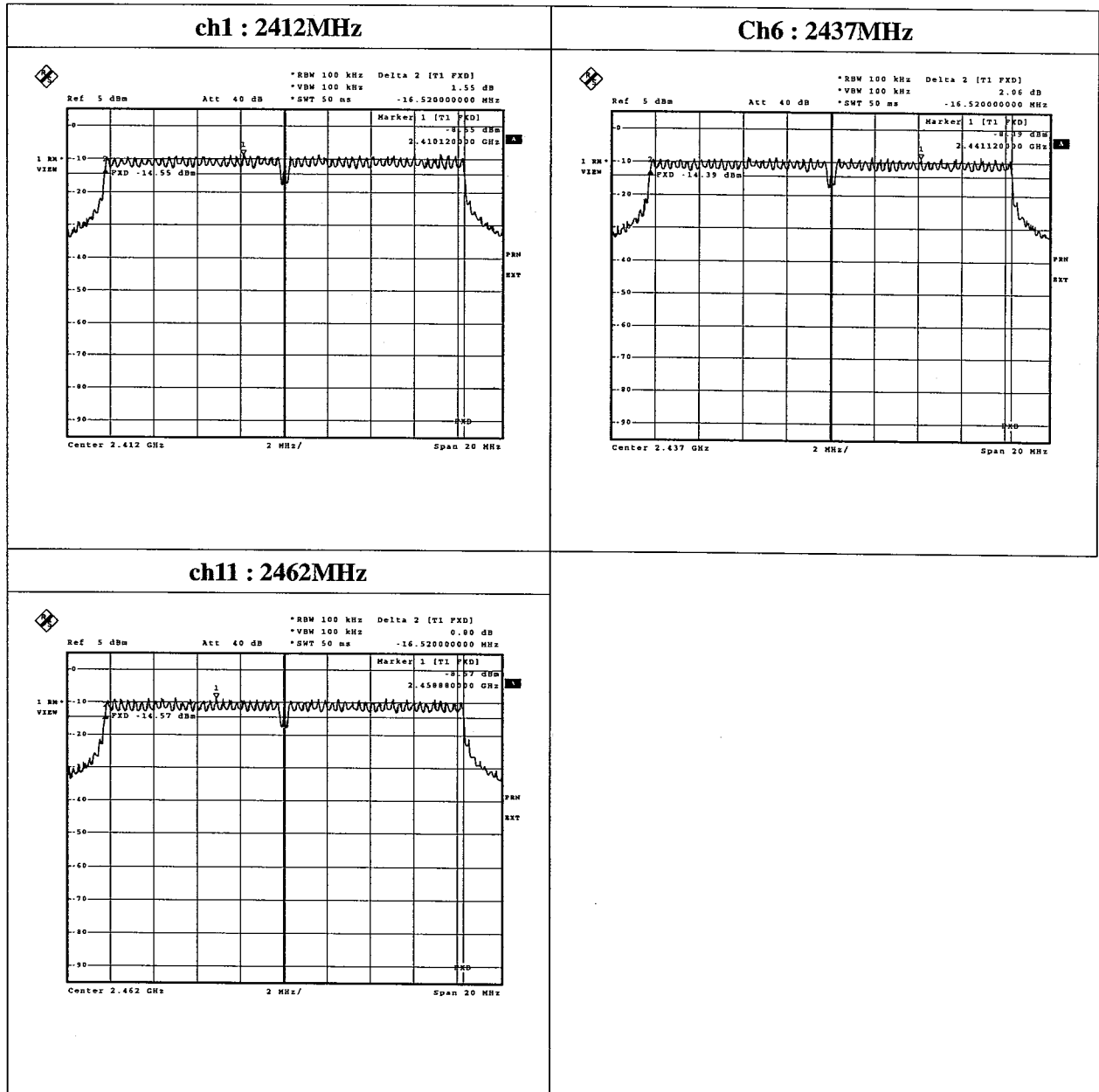
6dB Bandwidth (Conducted)
Sub Antenna Data Rate : 11b 11Mbps



6dB Bandwidth (Conducted)
Main Antenna Data Rate : 11g 54Mbps



6dB Bandwidth (Conducted)
Sub Antenna Data Rate : 11g 54Mbps



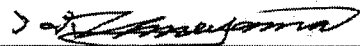
Test report No. : 23LE0006-HO-1
Page : 35 of 98
Issued date : August 01, 2003
FCC ID : AK8PCG492L

DATA OF PEAK OUTPUT POWER(CONDUCTED)

UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Measurement room

Company : Sony Corp.
Equipment : Notebook Personal Computer
Model : PCG-492L
Sample No. : DVT26
Power : AC120V/60Hz
Mode : Transmitting (IEEE 802.11b) Burst Frame mode
: CCK, QPSK, 11Mbps
FCC ID : AK8PCG492L
IC No. : 409B-PCG492L

REPORT NO : 23LE0006-HO
REGULATION : Fcc Part15 Subpart C 15.247(b)(3)
TEST DISTANCE : -
DATE : 07/16/2003
TEMPERATURE : 25deg.C
HUMIDITY : 58%


ENGINEER : Hiroka Umeyama

Main Antenna

ch	FREQ [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]	Limit (1W) [dBm]	Margin [dB]
Low(1)	2412.0	5.07	0.8	10.0	15.9	30.0	14.1
Mid(6)	2437.0	4.57	0.9	10.0	15.5	30.0	14.5
High(11)	2462.0	4.25	1.0	10.0	15.2	30.0	14.8

Main Antenna

ch	FREQ [MHz]	P/M (AV) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]
Low(1)	2412.0	3.39	0.8	10.0	14.2
Mid(6)	2437.0	2.94	0.9	10.0	13.8
High(11)	2462.0	2.71	1.0	10.0	13.7

Sub Antenna

ch	FREQ [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]	Limit (1W) [dBm]	Margin [dB]
Low(1)	2412.0	4.92	0.8	10.0	15.8	30.0	14.2
Mid(6)	2437.0	4.90	0.9	10.0	15.8	30.0	14.2
High(11)	2462.0	4.55	0.9	10.0	15.5	30.0	14.5

Sub Antenna

ch	FREQ [MHz]	P/M (AV) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]
Low(1)	2412.0	3.12	0.8	10.0	14.0
Mid(6)	2437.0	3.28	0.9	10.0	14.2
High(11)	2462.0	2.98	0.9	10.0	13.9

Measured with a powermeter

Sample Calculation : Result = Reading + (Cable+ATTEN.)Loss

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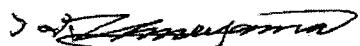
Test report No. : 23LE0006-HO-1
Page : 36 of 98
Issued date : August 01, 2003
FCC ID : AK8PCG492L

DATA OF PEAK OUTPUT POWER(CONDUCTED)

UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Measurement room

Company : Sony Corp.
Equipment : Notebook Personal Computer
Model : PCG-492L
Sample No. : DVT26
Power : AC120V/60Hz
Mode : Transmitting (IEEE 802.11g) Burst Frame mode
: OFDM, 64QAM, 54Mbps
FCC ID : AK8PCG492L
IC No. : 409B-PCG492L

REPORT NO : 23LE0006-HO
REGULATION : Fcc Part15 Subpart C 15.247(b)(3)
TEST DISTANCE : -
DATE : 07/16/2003
TEMPERATURE : 25deg.C
HUMIDITY : 58%


ENGINEER : Hiroka Umeyama

Main Antenna

ch	FREQ [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]	Limit (1W) [dBm]	Margin [dB]
Low(1)	2412.0	7.74	0.8	10.0	18.6	30.0	11.4
Mid(6)	2437.0	8.56	0.9	10.0	19.5	30.0	10.5
High(11)	2462.0	9.22	1.0	10.0	20.2	30.0	9.8

Main Antenna

ch	FREQ [MHz]	P/M (AV) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]
Low(1)	2412.0	0.55	0.8	10.0	11.4
Mid(6)	2437.0	1.04	0.9	10.0	11.9
High(11)	2462.0	1.24	1.0	10.0	12.2

Sub Antenna

ch	FREQ [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]	Limit (1W) [dBm]	Margin [dB]
Low(1)	2412.0	8.14	0.8	10.0	19.0	30.0	11.0
Mid(6)	2437.0	8.22	0.9	10.0	19.1	30.0	10.9
High(11)	2462.0	7.83	0.9	10.0	18.8	30.0	11.2

Sub Antenna

ch	FREQ [MHz]	P/M (AV) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]
Low(1)	2412.0	0.91	0.8	10.0	11.7
Mid(6)	2437.0	0.99	0.9	10.0	11.9
High(11)	2462.0	0.85	0.9	10.0	11.8

Measured with a powermeter

Sample Calculation : Result = Reading + (Cable+ATTEN.)Loss

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Test report No. : 23LE0006-HO-1
Page : 37 of 98
Issued date : August 01, 2003
FCC ID : AK8PCG492L

DATA OF PEAK OUTPUT POWER(CONDUCTED)

UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Measurement room

Company : Sony Corp.
Equipment : Notebook Personal Computer
Model : PCG-492L
Sample No. : DVT26
Power : AC120V/60Hz
Mode : Transmitting (IEEE 802.11g) Burst Frame mode
: OFDM, 64QAM, 54Mbps
FCC ID : AK8PCGA492L
IC No. : 409B-PCG492L

REPORT NO : 23LE0006-HO
REGULATION : Fcc Part15 Subpart C 15.247(b)(3)
TEST DISTANCE : -
DATE : 07/16/2003
TEMPERATURE : 25deg.C
HUMIDITY : 58%

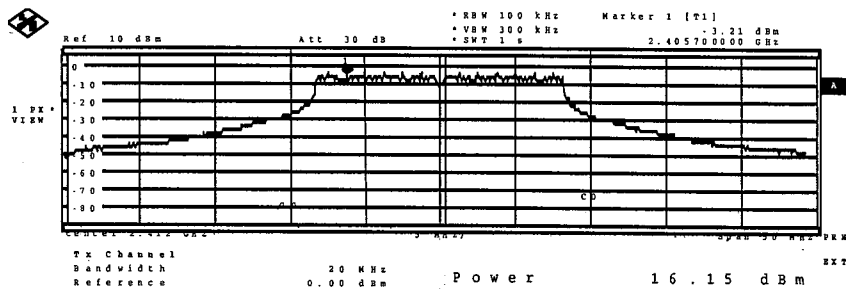
ENGINEER : Hiroka Uneyama

Main Antenna

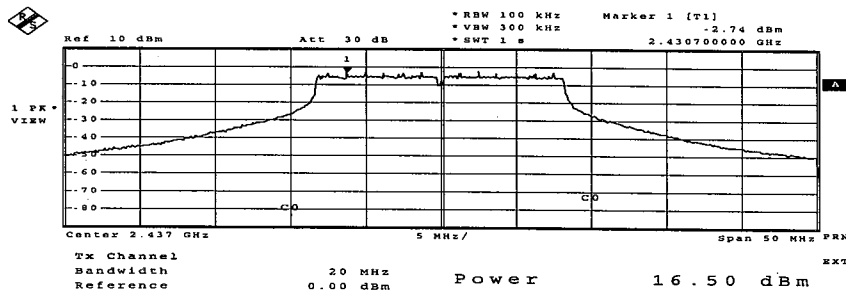
ch	FREQ [MHz]	S/A (PK) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]	Limit (1W) [dBm]	Margin [dB]
Low(1)	2412.0	16.15	2.9	0.0	19.1	30.0	10.9
Mid(6)	2437.0	16.50	3.0	0.0	19.5	30.0	10.5
High(11)	2462.0	15.97	3.0	0.0	19.0	30.0	11.0

Measured with a spectrum analyzer
Sample Calculation:
Result = Reading + (Cable+ATTEN.)Loss

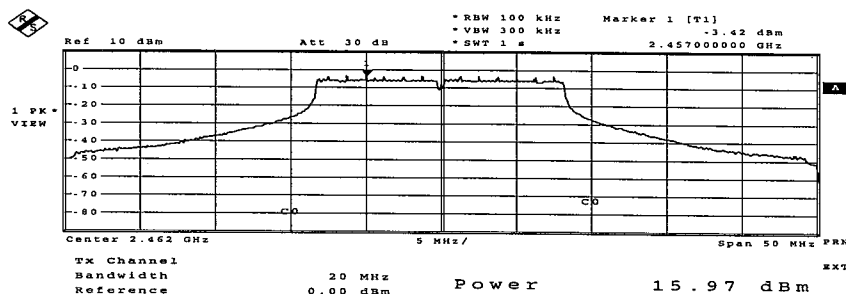
Ch1 :
2412MHz



Ch6 :
2437MHz



Ch11 :
2462MHz



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Test report No. : 23LE0006-HO-1
Page : 38 of 98
Issued date : August 01, 2003
FCC ID : AK8PCG492L

DATA OF PEAK OUTPUT POWER(CONDUCTED)

UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Measurement room

Company : Sony Corp.
Equipment : Notebook Personal Computer
Model : PCG-492L
Sample No. : DVT26
Power : AC120V/60Hz
Mode : Transmitting (IEEE 802.11g) Burst Frame mode
: OFDM, 64QAM, 54Mbps
FCC ID : AK8PCGA492L
IC No. : 409B-PCG492L

REPORT NO : 23LE0006-HO
REGULATION : Fcc Part15 Subpart C 15.247(b)(3)
TEST DISTANCE : -
DATE : 07/16/2003
TEMPERATURE : 25deg.C
HUMIDITY : 58%

ENGINEER : Hiroka Umeyama

Sub Antenna

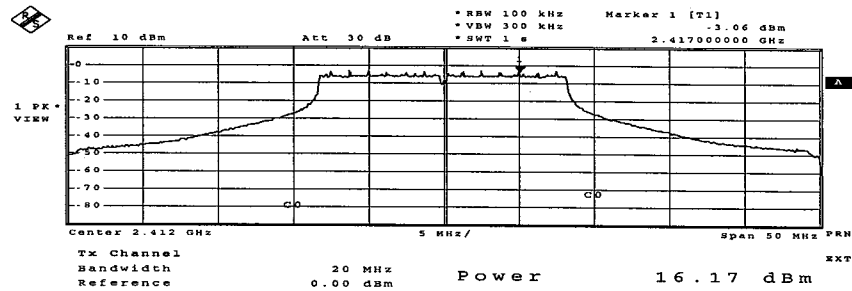
ch	FREQ [MHz]	S/A (PK) Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]	Limit (1W) [dBm]	Margin [dB]
Low(1)	2412.0	16.17	2.9	0.0	19.1	30.0	10.9
Mid(6)	2437.0	16.42	3.0	0.0	19.4	30.0	10.6
High(11)	2462.0	16.39	3.0	0.0	19.4	30.0	10.6

Measured with a spectrum analyzer

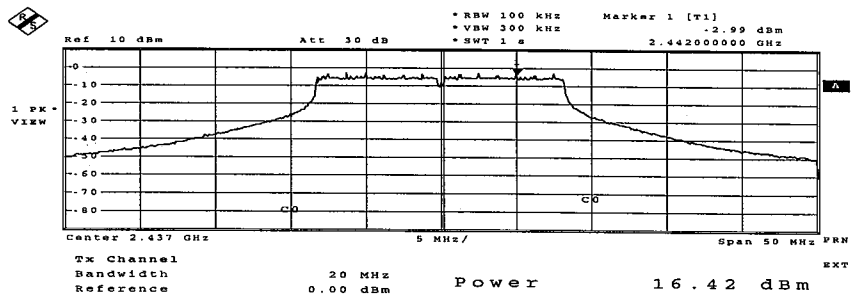
Sample Calculation:

Result = Reading + (Cable+ATTEN.)Loss

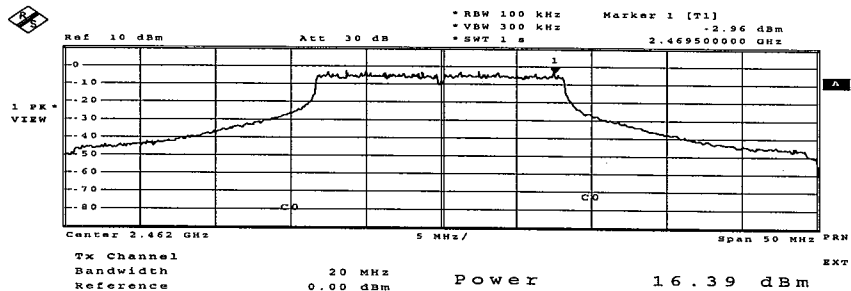
Ch1 :
2412MHz



Ch6 :
2437MHz



Ch11 :
2462MHz



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DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

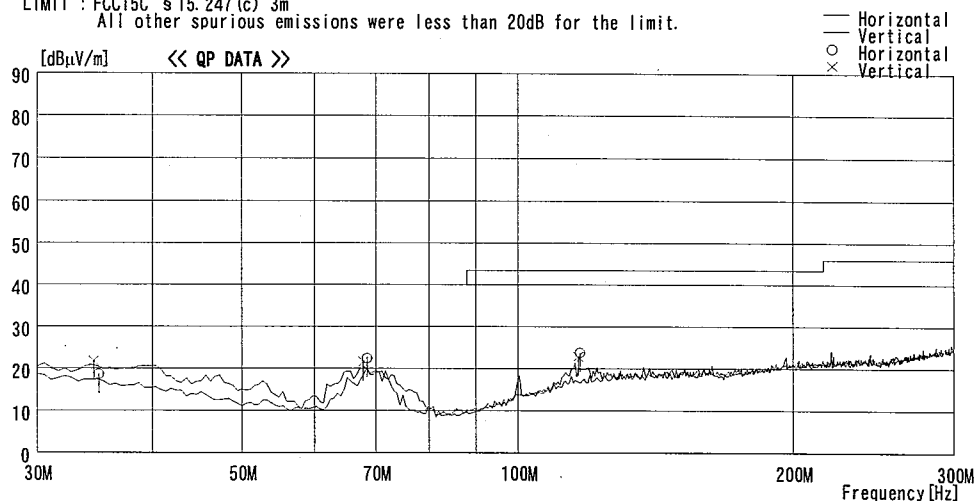
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp/°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx (IEEE 802.11b, Main Antenna, Burst Frame mode, CCK, QPSK, 11Mbps, CH1:2412MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	34.990	23.1	16.5	7.1	28.0	18.7	40.0	21.3	400	152
2	68.456	35.8	6.7	7.7	27.7	22.5	40.0	17.5	400	113
3	116.912	28.9	12.9	8.3	26.3	23.8	43.5	19.7	174	99
----- Vertical -----										
4	34.540	26.0	16.7	7.1	28.0	21.8	40.0	18.2	100	349
5	67.818	34.8	6.8	7.7	27.7	21.6	40.0	18.4	100	9
6	116.427	28.0	12.9	8.3	26.3	22.9	43.5	20.6	100	7

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

UL Apex Co., Ltd.

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DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

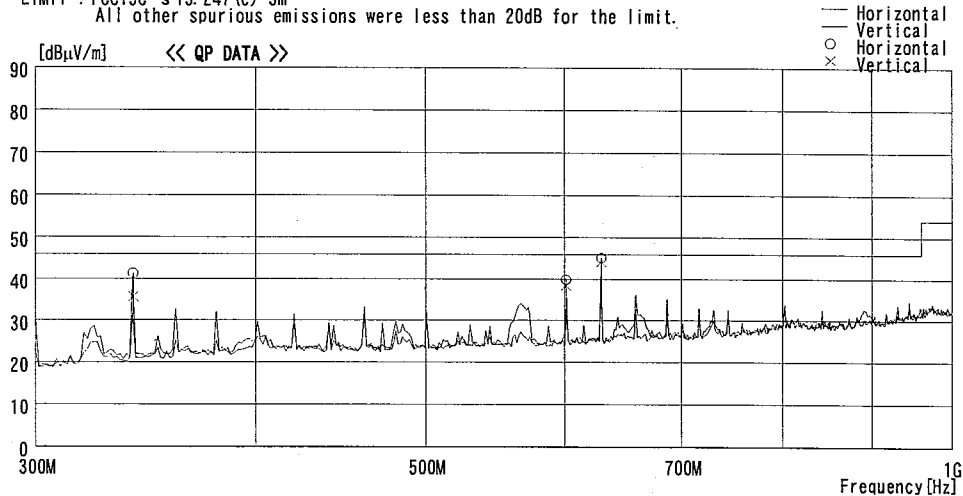
Applicant : Sony Corp.
Kind of EUT : Notebook Personal Computer
Model No. : PCG-492L
Serial No. : DVT25

Report No. : 23LE0006-HO
Power : AC120V / 60Hz
Temp °C/Humi% : 24 / 55
Operator : Yoshiaki Iwasa

Mode / Remarks: Tx (IEEE 802.11b, Main Antenna, Burst Frame mode, CCK, QPSK, 11Mbps, CH1:2412MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	340.894	42.4	15.8	10.1	26.9	41.4	46.0	4.6	100	22
2	601.356	37.5	19.6	11.5	28.7	39.9	91.9	52.0	100	133
3	629.991	42.3	19.9	11.6	28.6	45.2	91.9	46.7	140	95
----- Vertical -----										
4	340.900	36.8	15.8	10.1	26.9	35.8	46.0	10.2	100	159
5	601.363	36.1	19.6	11.5	28.7	38.5	91.9	53.4	100	136
6	629.990	41.3	19.9	11.6	28.6	44.2	91.9	47.7	169	10

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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EMC Head Office Division.

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MF060b(10.04.03)

DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

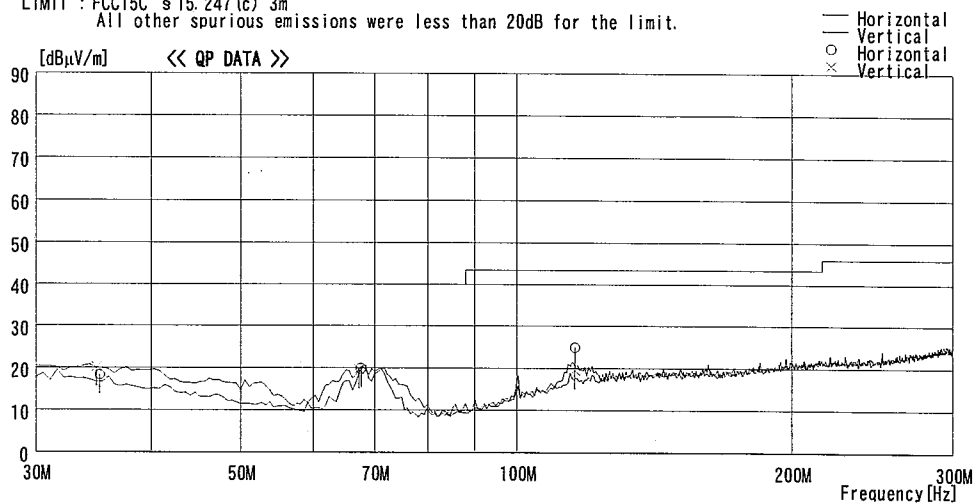
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp/°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx(IEEE 802.11b, Main Antenna, Burst Frame mode, CCK, QPSK, 11Mbps, CH6:2437MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	35.169	22.9	16.4	7.1	28.0	18.4	40.0	21.6	400	292
2	67.660	33.1	6.8	7.7	27.7	19.9	40.0	20.1	400	109
3	115.878	30.0	12.8	8.3	26.2	24.9	43.5	18.6	400	128
----- Vertical -----										
4	34.900	24.6	16.5	7.1	28.0	20.2	40.0	19.8	100	136
5	67.288	33.0	6.9	7.6	27.8	19.7	40.0	20.3	100	338
6	115.799	24.8	12.7	8.3	26.2	19.6	43.5	23.9	100	357

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

UL Apex Co., Ltd.

EMC Head Office Division.

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DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

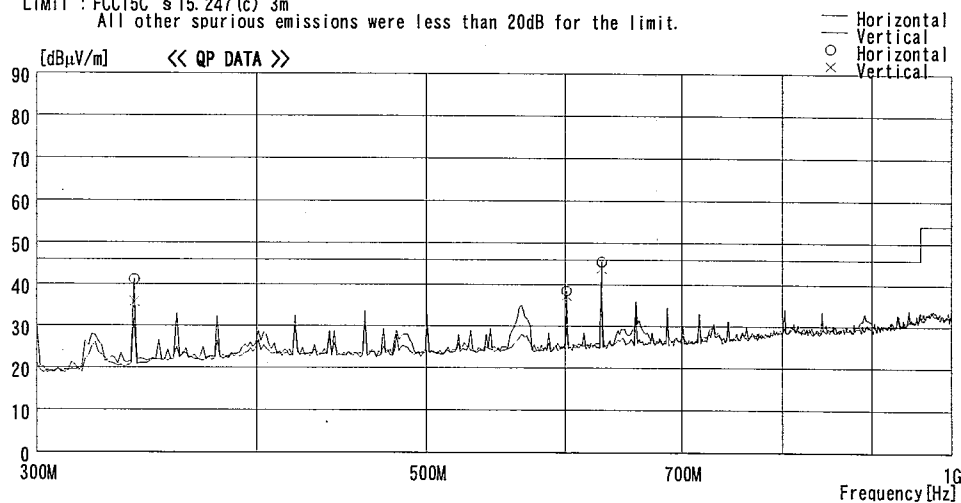
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx (IEEE 802.11b, Main Antenna, Burst Frame mode, CCK, QPSK, 11Mbps, CH6:2437MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	340.895	42.2	15.8	10.1	26.9	41.2	46.0	4.8	100	36
2	601.358	36.2	19.6	11.5	28.7	38.6	92.3	53.7	160	329
3	629.992	42.7	19.9	11.6	28.6	45.6	92.3	46.7	146	359
----- Vertical -----										
4	340.902	36.9	15.8	10.1	26.9	35.9	46.0	10.1	139	197
5	601.356	35.0	19.6	11.5	28.7	37.4	92.3	54.9	167	53
6	629.992	41.0	19.9	11.6	28.6	43.9	92.3	48.4	162	12

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

UL Apex Co., Ltd.

EMC Head Office Division.

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MF060b(10.04.03)

DATA OF RADIATED EMISSION TEST

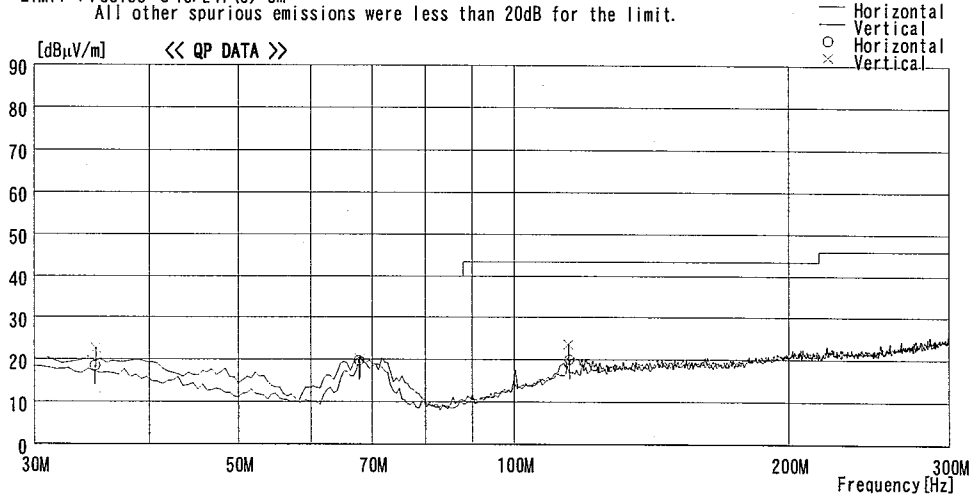
UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

Applicant : Sony Corp.
Kind of EUT : Notebook Personal Computer
Model No. : PCG-492L
Serial No. : DVT25
Report No. : 23LE0006-HO
Power : AC120V / 60Hz
Temp/C/Humi% : 24 / 55
Operator : Yoshiaki Iwasa

Mode / Remarks: Tx(IEEE 802.11b, Main Antenna, Burst Frame mode, CCK, QPSK, 11Mbps, CH11:2462MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	34.911	22.9	16.5	7.1	28.0	18.5	40.0	21.5	400	115
2	67.740	33.0	6.8	7.7	27.7	19.8	40.0	20.2	400	233
3	114.996	25.2	12.6	8.3	26.1	20.0	43.5	23.5	400	68
----- Vertical -----										
4	34.982	27.1	16.5	7.1	28.0	22.7	40.0	17.3	100	358
5	67.875	33.4	6.8	7.7	27.7	20.2	40.0	19.8	100	35
6	114.704	28.9	12.5	8.3	26.1	23.6	43.5	19.9	100	357

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART:WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

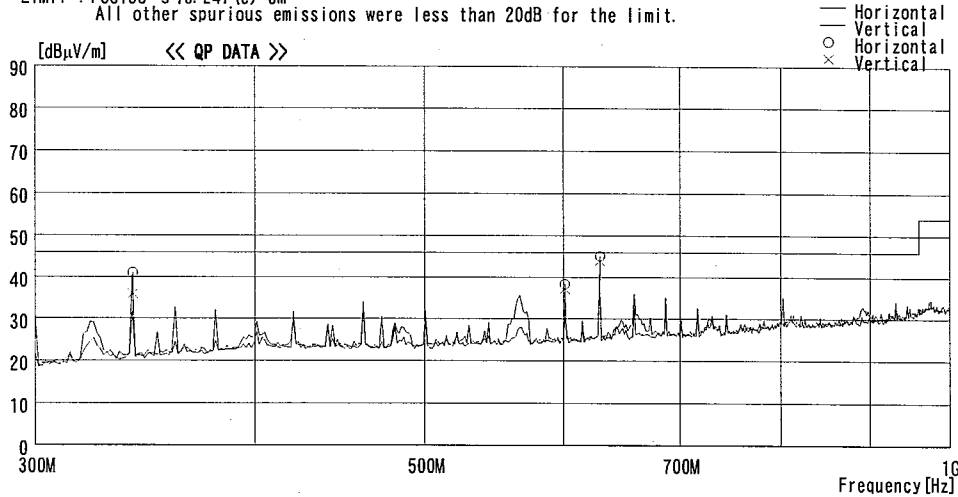
Applicant : Sony Corp.
Kind of EUT : Notebook Personal Computer
Model No. : PCG-492L
Serial No. : DVT25

Report No. : 23LE0006-HO
Power : AC120V / 60Hz
Temp°C/Humi% : 24 / 55
Operator : Yoshiaki Iwasa

Mode / Remarks: Tx (IEEE 802.11b, Main Antenna, Burst Frame mode, CCK, QPSK, 11Mbps, CH11:2462MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	340.896	42.1	15.8	10.1	26.9	41.1	46.0	4.9	100	8
2	601.356	36.0	19.6	11.5	28.7	38.4	92.4	54.0	180	325
3	629.994	42.2	19.9	11.6	28.6	45.1	92.4	47.3	149	338
----- Vertical -----										
4	340.903	37.1	15.8	10.1	26.9	36.1	46.0	9.9	149	198
5	601.359	34.9	19.6	11.5	28.7	37.3	92.4	55.1	100	133
6	629.991	41.1	19.9	11.6	28.6	44.0	92.4	48.4	173	16

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

UL Apex Co., Ltd.

EMC Head Office Division.

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

Telephone : +81 596 24 8116

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MF060b(10.04.03)

DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

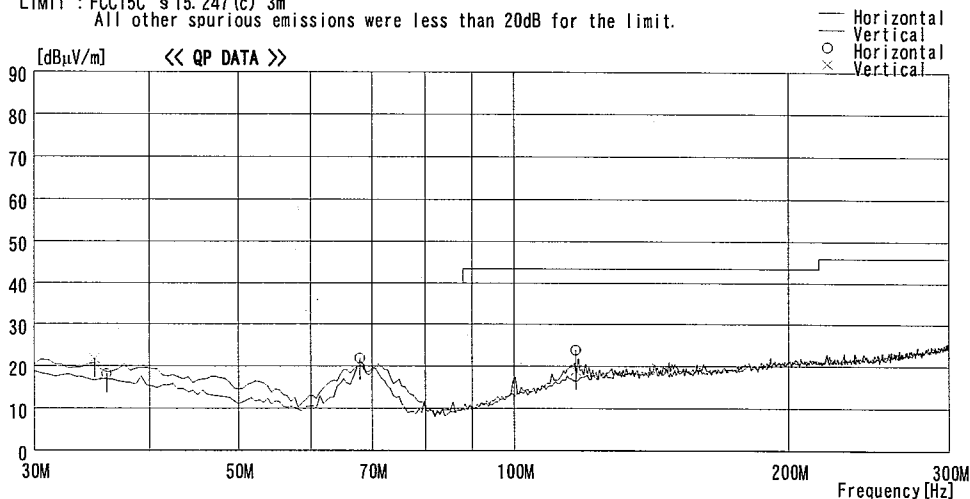
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx(IEEE 802.11b, Sub Antenna, Burst Frame mode, CCK, QPSK, 11Mbps, CH1:2412MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	35.952	23.0	16.1	7.1	28.0	18.2	40.0	21.8	400	355
2	67.876	35.1	6.8	7.7	27.7	21.9	40.0	18.1	400	282
3	116.939	29.0	12.9	8.3	26.3	23.9	43.5	19.6	202	104
----- Vertical -----										
4	34.870	26.2	16.5	7.1	28.0	21.8	40.0	18.2	100	352
5	67.876	34.5	6.8	7.7	27.7	21.3	40.0	18.7	100	6
6	116.913	24.1	12.9	8.3	26.3	19.0	43.5	24.5	100	359

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

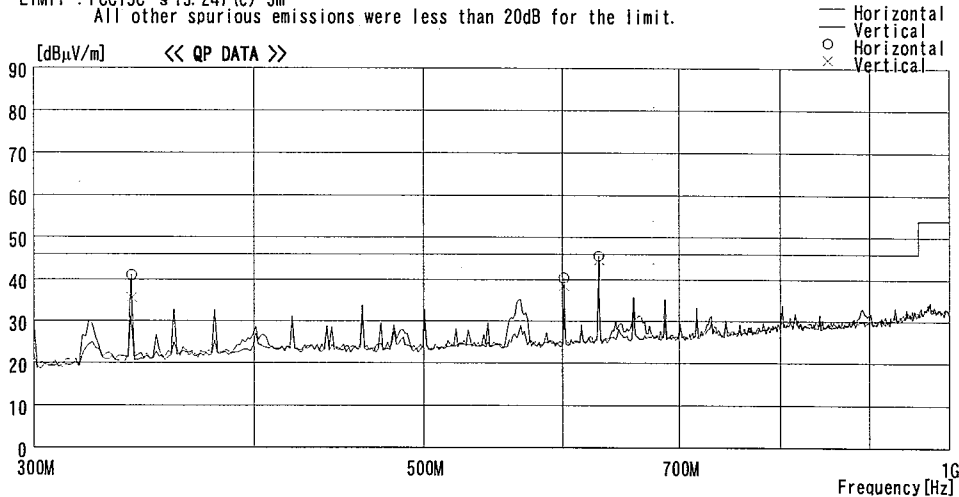
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp/C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx(IEEE 802.11b, Sub Antenna, Burst Frame mode, CCK, QPSK, 11Mbps, CH1:2412MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	340.903	42.1	15.8	10.1	26.9	41.1	46.0	4.9	100	18
2	601.356	38.1	19.6	11.5	28.7	40.5	91.9	51.4	149	87
3	629.661	42.7	19.9	11.6	28.6	45.6	91.9	46.3	100	142
----- Vertical -----										
4	340.899	36.7	15.8	10.1	26.9	35.7	46.0	10.3	153	193
5	601.356	36.1	19.6	11.5	28.7	38.5	91.9	53.4	162	28
6	629.990	41.7	19.9	11.6	28.6	44.6	91.9	47.3	165	0

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : 30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

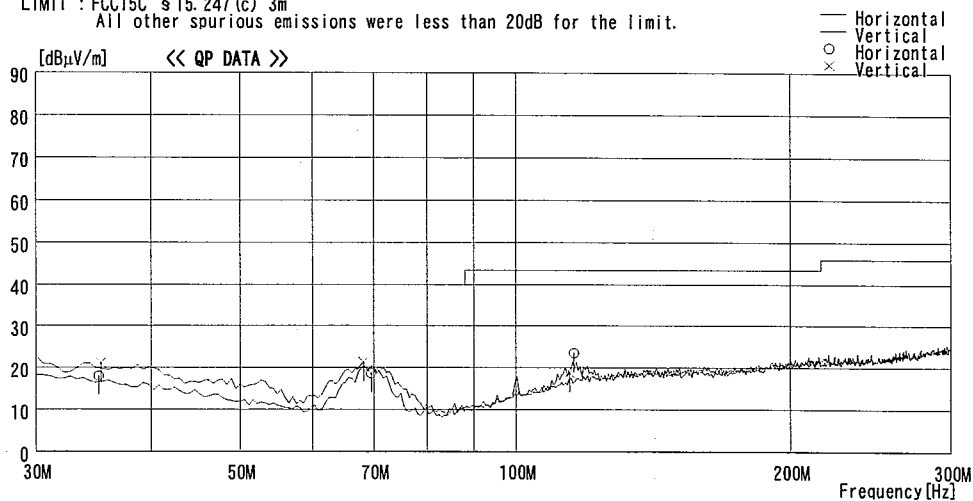
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp/C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx(IEEE 802.11b, Sub Antenna, Burst Frame mode, CCK, QPSK, 11Mbps, CH6:2437MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	35.101	22.4	16.5	7.1	28.0	18.0	40.0	22.0	400	347
2	69.499	32.2	6.5	7.7	27.7	18.7	40.0	21.3	400	90
3	115.807	28.7	12.7	8.3	26.2	23.5	43.5	20.0	400	126
----- Vertical -----										
4	35.296	25.6	16.4	7.1	28.0	21.1	40.0	18.9	100	0
5	68.172	34.6	6.7	7.7	27.7	21.3	40.0	18.7	100	6
6	114.534	24.1	12.5	8.3	26.1	18.8	43.5	24.7	100	203

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

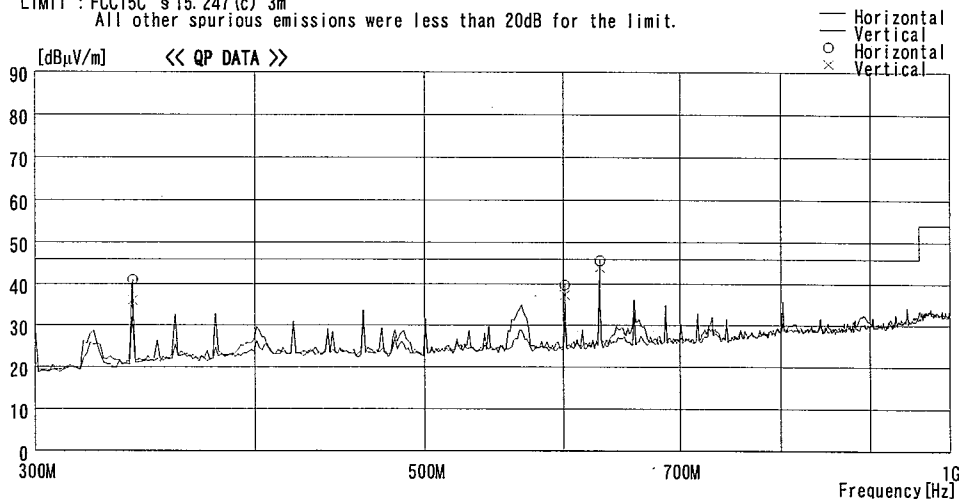
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx (IEEE 802.11b, Sub Antenna, Burst Frame mode, CCK, QPSK, 11Mbps, CH6:2437MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	340.895	42.0	15.8	10.1	26.9	41.0	46.0	5.0	100	6
2	601.354	37.4	19.6	11.5	28.7	39.8	92.8	53.0	167	342
3	629.989	42.8	19.9	11.6	28.6	45.7	92.8	47.1	138	0
----- Vertical -----										
4	340.894	37.1	15.8	10.1	26.9	36.1	46.0	9.9	149	199
5	601.355	35.0	19.6	11.5	28.7	37.4	92.8	55.4	155	53
6	629.992	41.1	19.9	11.6	28.6	44.0	92.8	48.8	179	9

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

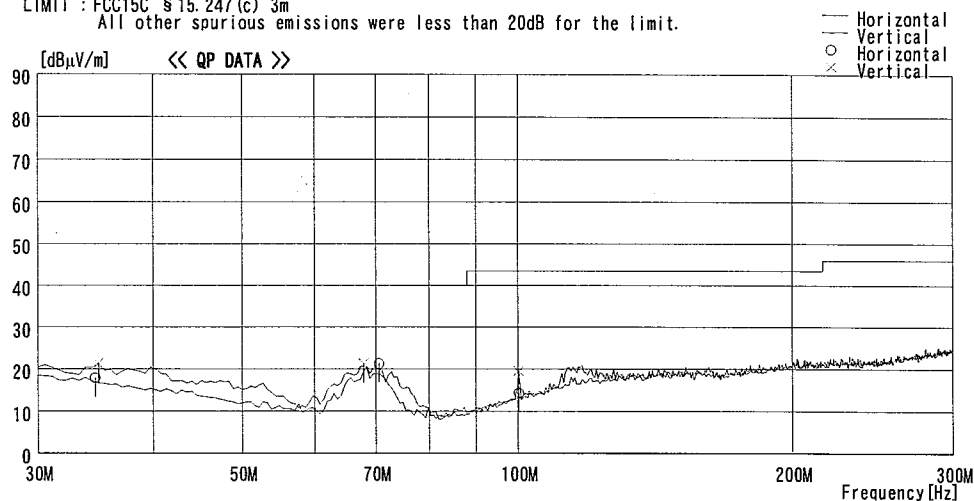
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp/C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx(IEEE 802.11b, Sub Antenna, Burst Frame mode, CCK, QPSK, 11Mbps, CH11:2462MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	34.605	22.2	16.6	7.1	28.0	17.9	40.0	22.1	400	359
2	70.501	34.9	6.4	7.7	27.7	21.3	40.0	18.7	400	102
3	100.254	22.8	9.9	8.2	26.5	14.4	43.5	29.1	400	359
----- Vertical -----										
4	34.905	25.8	16.5	7.1	28.0	21.4	40.0	18.6	100	0
5	67.876	34.5	6.8	7.7	27.7	21.3	40.0	18.7	100	359
6	100.219	28.0	9.9	8.2	26.5	19.6	43.5	23.9	100	0

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART:WITHOUT FACTOR ANT TYPE: -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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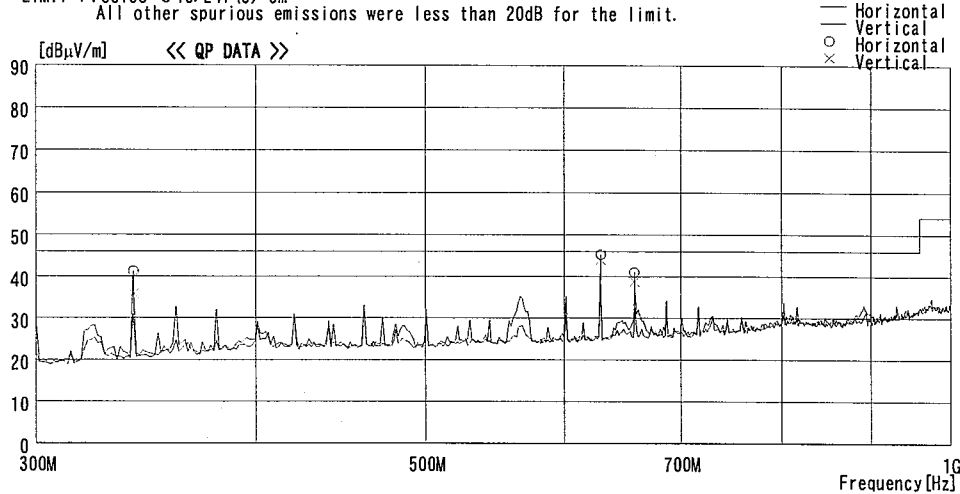
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx(IEEE 802.11b, Sub Antenna, Burst Frame mode, CCK, QPSK, 11Mbps, CH11:2462MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	340.895	42.3	15.8	10.1	26.9	41.3	46.0	4.7	100	15
2	629.990	42.4	19.9	11.6	28.6	45.3	93.2	47.9	136	95
3	658.624	38.0	20.1	11.8	28.8	41.1	93.2	52.1	144	353
----- Vertical -----										
4	340.896	36.9	15.8	10.1	26.9	35.9	46.0	10.1	135	200
5	629.984	41.2	19.9	11.6	28.6	44.1	93.2	49.1	173	10
6	658.627	35.8	20.1	11.8	28.8	38.9	93.2	54.3	152	359

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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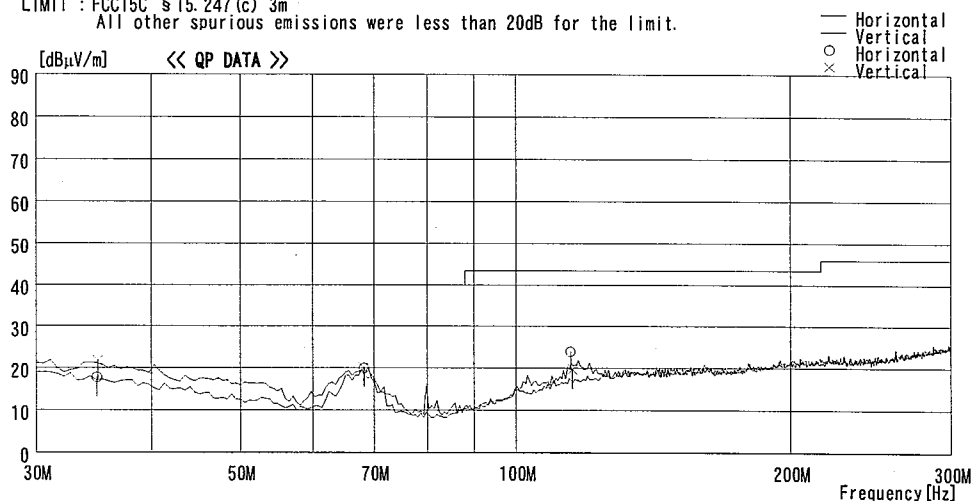
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx(IEEE 802.11g, Main Antenna, Burst Frame mode, OFDM, 64QAM, 54Mbps, CH1:2412MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	34.905	22.1	16.5	7.1	28.0	17.7	40.0	22.3	400	359
2	68.262	33.3	6.7	7.7	27.7	20.0	40.0	20.0	302	129
3	114.783	29.2	12.6	8.3	26.1	24.0	43.5	19.5	193	122
----- Vertical -----										
4	34.995	26.2	16.5	7.1	28.0	21.8	40.0	18.2	100	359
5	68.181	33.4	6.7	7.7	27.7	20.1	40.0	19.9	149	218
6	115.409	24.8	12.7	8.3	26.1	19.7	43.5	23.8	236	359

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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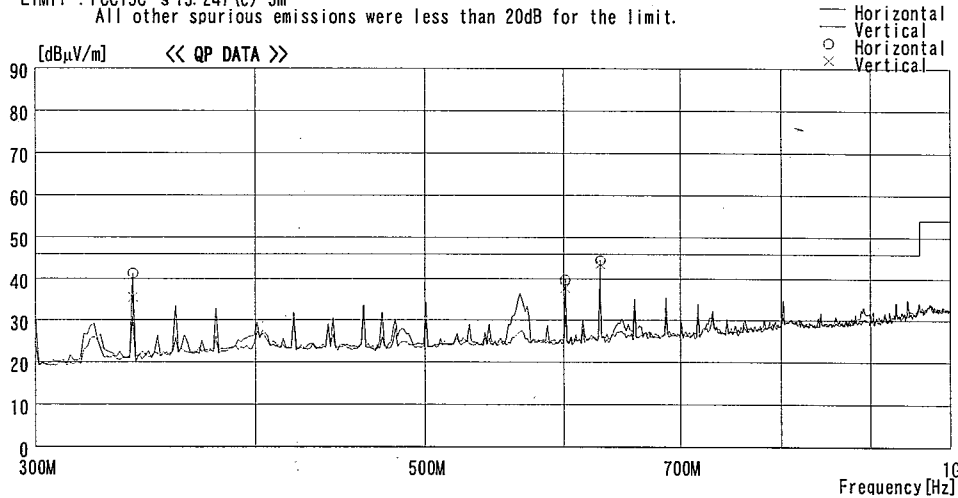
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx (IEEE 802.11g, Main Antenna, Burst Frame mode, OFDM, 64QAM, 54Mbps, CH1:2412MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	340.887	42.3	15.8	10.1	26.9	41.3	46.0	4.7	100	20
2	601.356	37.4	19.6	11.5	28.7	39.8	87.5	47.7	152	0
3	629.990	41.7	19.9	11.6	28.6	44.6	87.5	42.9	146	338
----- Vertical -----										
4	340.894	36.6	15.8	10.1	26.9	35.6	46.0	10.4	155	196
5	601.356	35.5	19.6	11.5	28.7	37.9	87.5	49.6	151	46
6	629.990	40.6	19.9	11.6	28.6	43.5	87.5	44.0	168	13

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE: -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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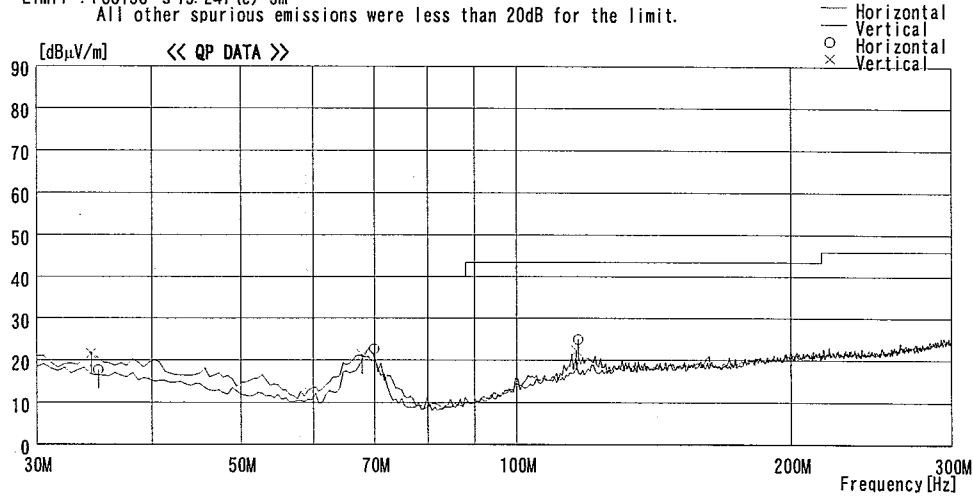
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx(IEEE 802.11g, Main Antenna, Burst Frame mode, OFDM, 64QAM, 54Mbps, CH6:2437MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	34.995	22.2	16.5	7.1	28.0	17.8	40.0	22.2	400	359
2	69.916	36.3	6.4	7.7	27.7	22.7	40.0	17.3	259	118
3	116.928	30.0	12.9	8.3	26.3	24.9	43.5	18.6	170	142
----- Vertical -----										
4	34.370	25.8	16.7	7.1	28.0	21.6	40.0	18.4	100	359
5	67.830	34.5	6.8	7.7	27.7	21.3	40.0	18.7	100	0
6	116.409	27.4	12.9	8.3	26.3	22.3	43.5	21.2	115	0

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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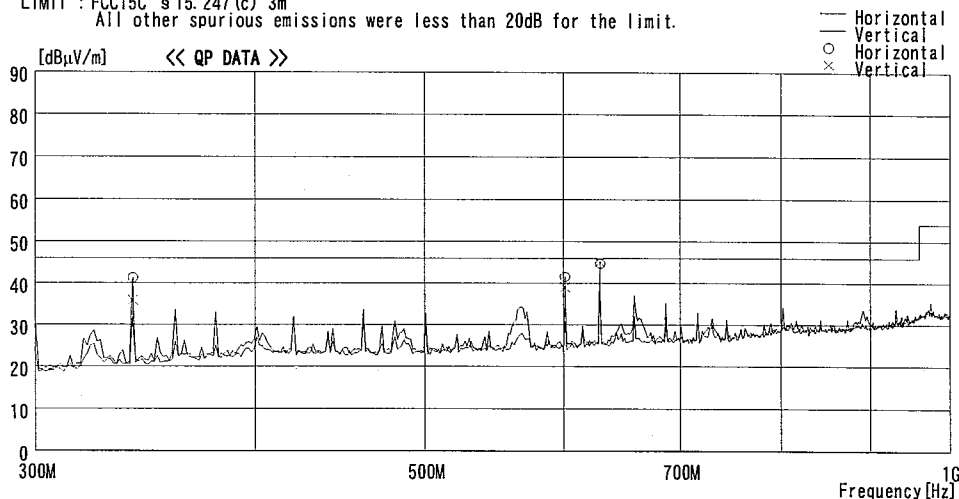
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx (IEEE 802.11g, Main Antenna, Burst Frame mode, OFDM, 64QAM, 54Mbps, CH6:2437MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	340.901	42.3	15.8	10.1	26.9	41.3	46.0	4.7	100	6
2	601.362	39.2	19.6	11.5	28.7	41.6	87.1	45.5	152	0
3	630.000	41.8	19.9	11.6	28.6	44.7	87.1	42.4	157	326
----- Vertical -----										
4	340.901	37.0	15.8	10.1	26.9	36.0	46.0	10.0	145	201
5	601.363	36.7	19.6	11.5	28.7	39.1	87.1	48.0	177	40
6	630.001	42.2	19.9	11.6	28.6	45.1	87.1	42.0	172	-1

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

UL Apex Co., Ltd.

EMC Head Office Division.

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

Telephone : +81 596 24 8116

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MF060b(10.04.03)

DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

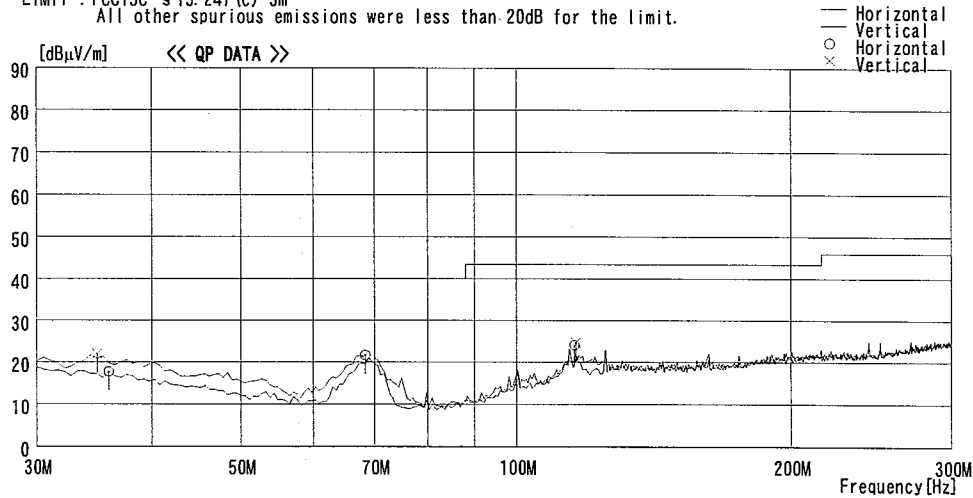
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp/C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx(IEEE 802.11g, Main Antenna, Burst Frame mode, OFDM, 64QAM, 54Mbps, CH11:2462MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	35.907	22.5	16.2	7.1	28.0	17.8	40.0	22.2	204	359
2	68.382	35.0	6.7	7.7	27.7	21.7	40.0	18.3	294	308
3	115.873	29.2	12.8	8.3	26.2	24.1	43.5	19.4	190	169
----- Vertical -----										
4	34.905	26.4	16.5	7.1	28.0	22.0	40.0	18.0	100	58
5	68.377	35.1	6.7	7.7	27.7	21.8	40.0	18.2	100	359
6	116.253	29.9	12.8	8.3	26.3	24.7	43.5	18.8	100	31

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE: -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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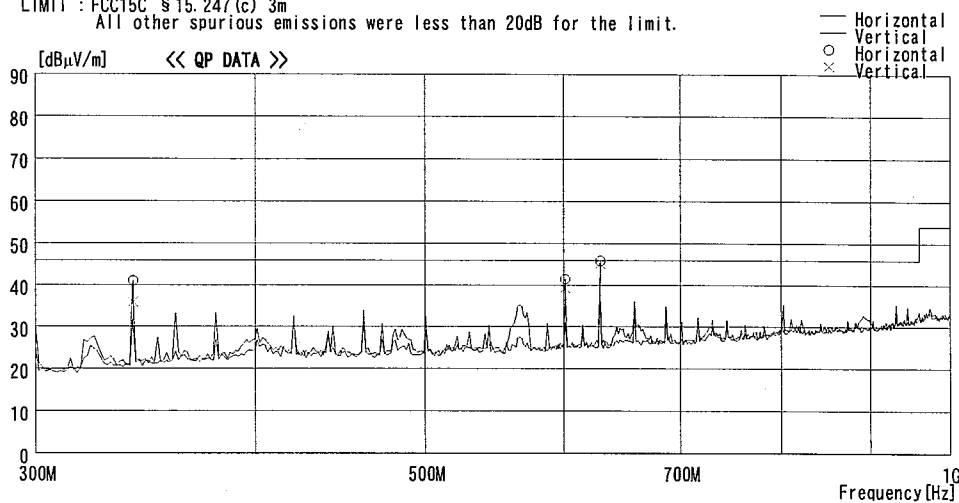
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp/°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx (IEEE 802.11g, Main Antenna, Burst Frame mode, OFDM, 64QAM, 54Mbps, CH11:2462MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	340.896	42.1	15.8	10.1	26.9	41.1	46.0	4.9	100	6
2	601.364	39.1	19.6	11.5	28.7	41.5	88.2	46.7	147	350
3	630.000	43.0	19.9	11.6	28.6	45.9	88.2	42.3	137	0
----- Vertical -----										
4	340.897	37.0	15.8	10.1	26.9	36.0	46.0	10.0	100	13
5	601.363	36.9	19.6	11.5	28.7	39.3	88.2	48.9	170	40
6	629.995	42.3	19.9	11.6	28.6	45.2	88.2	43.0	171	359

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

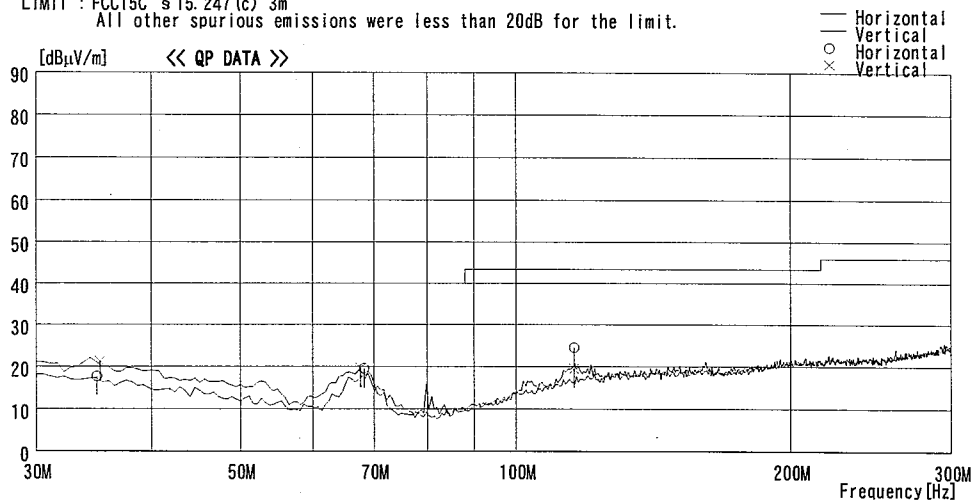
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx (IEEE 802.11g, Sub Antenna, Burst Frame mode, OFDM, 64QAM, 54Mbps, CH1:2412MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	34.905	22.1	16.5	7.1	28.0	17.7	40.0	22.3	400	0
2	68.281	32.9	6.7	7.7	27.7	19.6	40.0	20.4	306	270
3	115.839	29.7	12.8	8.3	26.2	24.6	43.5	18.9	167	125
----- Vertical -----										
4	35.176	25.7	16.4	7.1	28.0	21.2	40.0	18.8	100	359
5	67.676	32.9	6.8	7.7	27.7	19.7	40.0	20.3	100	359
6	115.825	24.8	12.7	8.3	26.2	19.6	43.5	23.9	221	0

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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DATA OF RADIATED EMISSION TEST

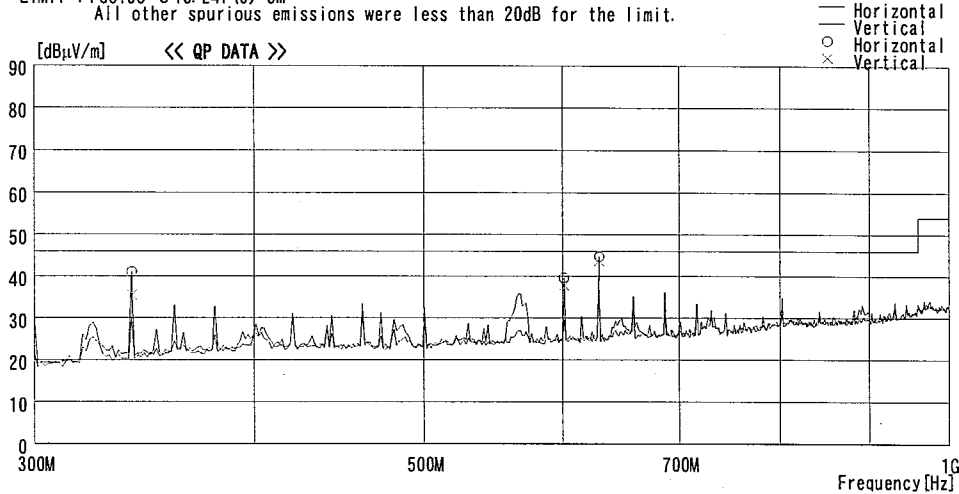
UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

Applicant : Sony Corp.
Kind of EUT : Notebook Personal Computer
Model No. : PCG-492L
Serial No. : DVT25
Report No. : 23LE0006-HO
Power : AC120V / 60Hz
Temp/C/Humi% : 24 / 55
Operator : Yoshiaki Iwasa

Mode / Remarks: Tx(IEEE 802.11g, Sub Antenna, Burst Frame mode, OFDM, 64QAM, 54Mbps, CH1:2412MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	340.894	42.1	15.8	10.1	26.9	41.1	46.0	4.9	100	12
2	601.356	37.3	19.6	11.5	28.7	39.7	88.1	48.4	148	359
3	629.994	41.9	19.9	11.6	28.6	44.8	88.1	43.3	148	74
----- Vertical -----										
4	340.894	36.6	15.8	10.1	26.9	35.6	46.0	10.4	154	210
5	601.353	35.5	19.6	11.5	28.7	37.9	88.1	50.2	152	57
6	629.994	40.8	19.9	11.6	28.6	43.7	88.1	44.4	174	0

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART:WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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MF060b(10.04.03)

DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber

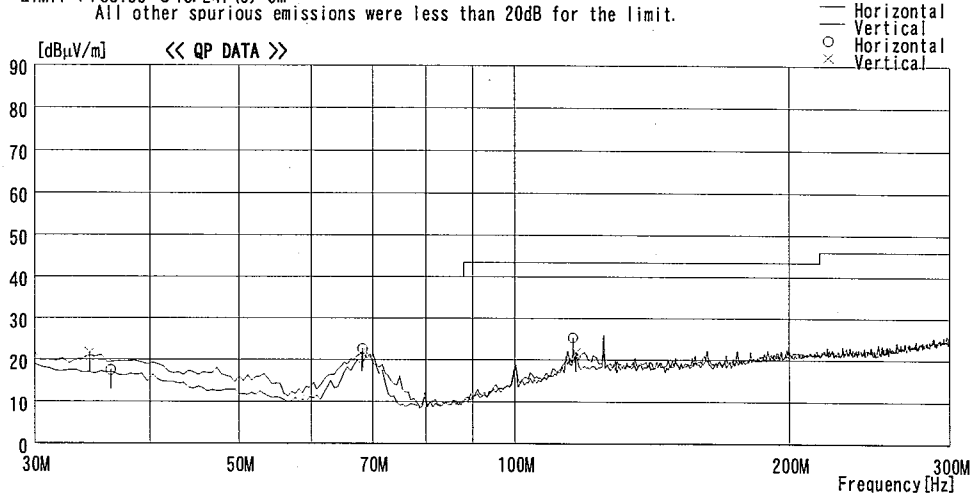
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp/C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx (IEEE 802.11g, Sub Antenna, Burst Frame mode, OFDM, 64QAM, 54Mbps, CH6:2437MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	36.287	22.5	16.0	7.1	28.0	17.6	40.0	22.4	400	359
2	68.266	36.0	6.7	7.7	27.7	22.7	40.0	17.3	283	128
3	115.896	30.4	12.8	8.3	26.2	25.3	43.5	18.2	272	153
----- Vertical -----										
4	34.410	25.9	16.7	7.1	28.0	21.7	40.0	18.3	100	359
5	68.121	35.0	6.8	7.7	27.7	21.8	40.0	18.2	100	0
6	116.760	26.9	12.9	8.3	26.3	21.8	43.5	21.7	100	245

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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DATA OF RADIATED EMISSION TEST

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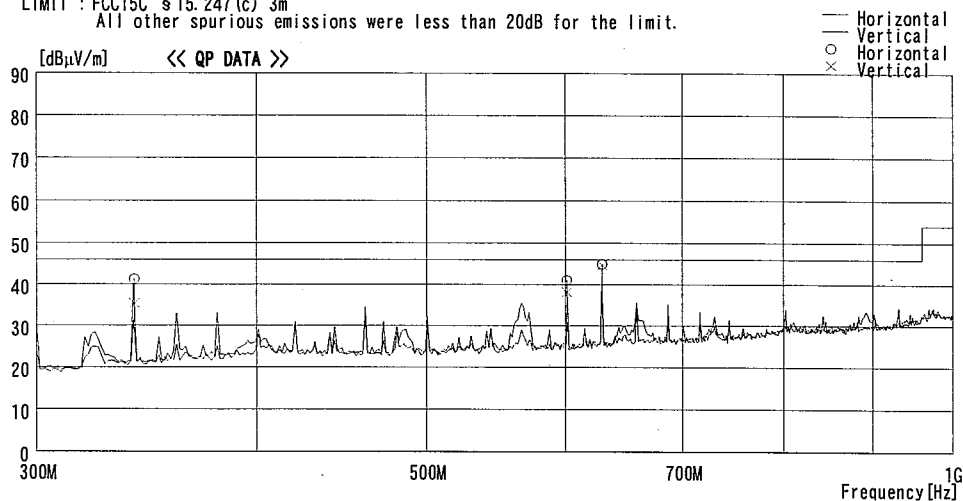
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp/°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx (IEEE 802.11g, Sub Antenna, Burst Frame mode, OFDM, 64QAM, 54Mbps, CH6:2437MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	340.900	42.3	15.8	10.1	26.9	41.3	46.0	4.7	100	6
2	601.367	38.7	19.6	11.5	28.7	41.1	86.3	45.2	160	350
3	630.001	42.1	19.9	11.6	28.6	45.0	86.3	41.3	127	94
----- Vertical -----										
4	340.902	36.5	15.8	10.1	26.9	35.5	46.0	10.5	173	59
5	601.362	35.8	19.6	11.5	28.7	38.2	86.3	48.1	100	136
6	630.001	41.9	19.9	11.6	28.6	44.8	86.3	41.5	168	0

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE: -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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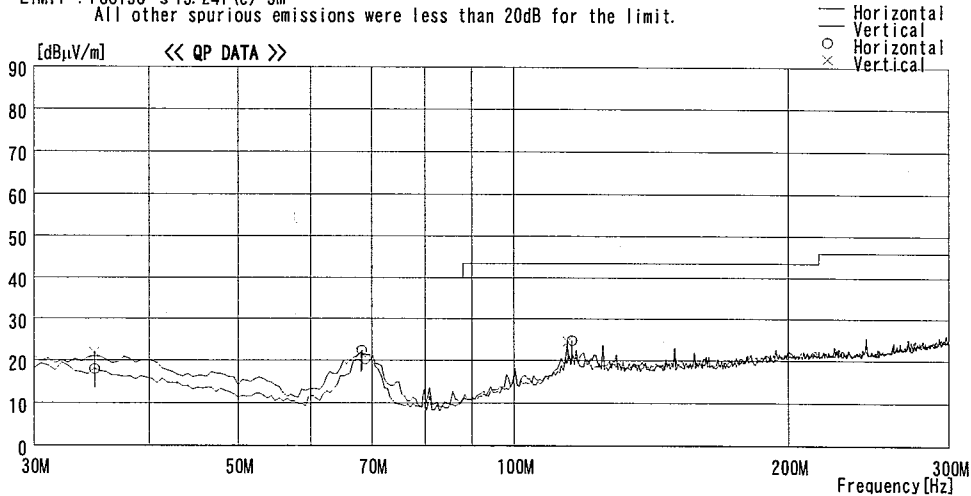
Applicant : Sony Corp.
 Kind of EUT : Notebook Personal Computer
 Model No. : PCG-492L
 Serial No. : DVT25

Report No. : 23LE0006-HO
 Power : AC120V / 60Hz
 Temp°C/Humi% : 24 / 55
 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx(IEEE 802.11g, Sub Antenna, Burst Frame mode, OFDM, 64QAM, 54Mbps, CH11:2462MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	34.912	22.4	16.5	7.1	28.0	18.0	40.0	22.0	400	6
2	68.260	35.7	6.7	7.7	27.7	22.4	40.0	17.6	244	263
3	115.887	29.9	12.8	8.3	26.2	24.8	43.5	18.7	260	166
----- Vertical -----										
4	34.884	26.3	16.5	7.1	28.0	21.9	40.0	18.1	100	359
5	68.101	35.1	6.8	7.7	27.7	21.9	40.0	18.1	100	0
6	114.545	29.9	12.5	8.3	26.1	24.6	43.5	18.9	100	351

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE: -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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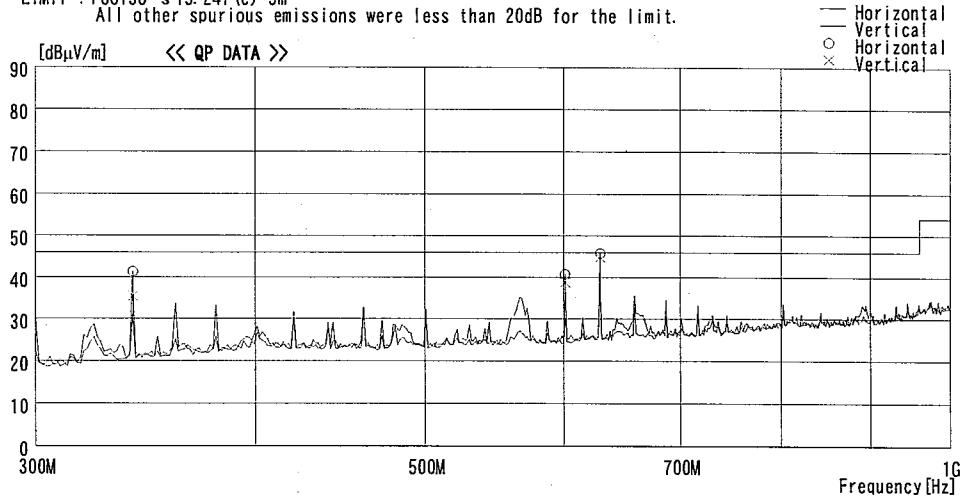
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 Operator : Yoshiaki Iwasa

Mode / Remarks: Tx (IEEE 802.11g, Sub Antenna, Burst Frame mode, OFDM, 64QAM, 54Mbps, CH11:2462MHz)

LIMIT : FCC15C §15.247(c) 3m

All other spurious emissions were less than 20dB for the limit.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	340.894	42.4	15.8	10.1	26.9	41.4	46.0	4.6	100	24
2	601.356	38.4	19.6	11.5	28.7	40.8	85.0	44.2	144	81
3	629.988	42.9	19.9	11.6	28.6	45.8	85.0	39.2	141	359
----- Vertical -----										
4	340.892	36.5	15.8	10.1	26.9	35.5	46.0	10.5	154	70
5	601.353	36.5	19.6	11.5	28.7	38.9	85.0	46.1	172	25
6	629.994	42.0	19.9	11.6	28.6	44.9	85.0	40.1	177	359

The limit values at frequencies excepting restricted bands indicated in 15.205 are values 20dB below lower peak output powers at each channel.

CHART: WITHOUT FACTOR ANT TYPE : 30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC
 CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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