

DATA OF CONDUCTION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 22EE0011-YW

Applicant : Sony Corporation
Kind of Equipment : PC
Model No. : PCG-631L
Serial No. :
Power : AC120V/60Hz
Mode : Transmitting (2437MHz)
Remarks : FCC ID:AK8PCG631L
Date : 12/18/2001
Phase : Single Phase
Temperature : 27 °C
Humidity : 29 %
Regulation : FCC Part15.207


Engineer : Naoki Sakamoto

No.	FREQ. [MHz]	READING (N)		READING (L1)		LISN FACTOR [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
		QP [dBuV]	AV	QP [dBuV]	AV				QP [dBuV]	AV	QP [dBuV]	AV	QP [dB]	AV
1.	0.4602	24.8	-	27.5	-	0.1	0.1	0.0	27.7	-	48.0	0.0	20.3	-
2.	0.7878	22.5	-	23.4	-	0.1	0.1	0.0	23.6	-	48.0	0.0	24.4	-
3.	1.9081	26.2	-	24.3	-	0.1	0.2	0.0	26.5	-	48.0	0.0	21.5	-
4.	3.1590	30.4	-	28.5	-	0.2	0.2	0.0	30.8	-	48.0	0.0	17.2	-
5.	5.8554	33.3	-	33.9	-	0.3	0.2	0.0	34.4	-	48.0	0.0	13.6	-
6.	9.6715	27.7	-	28.3	-	0.4	0.3	0.0	29.0	-	48.0	0.0	19.0	-
7.	24.7410	20.1	-	19.9	-	0.9	0.4	0.0	21.4	-	48.0	0.0	26.6	-

CALCULATION: READING + LISN FACTOR + CABLE LOSS + ATTEN.

All other spurious emissions are more than 20dB below the limits.

DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.

YOKOWA No.3 OPEN TEST SITE

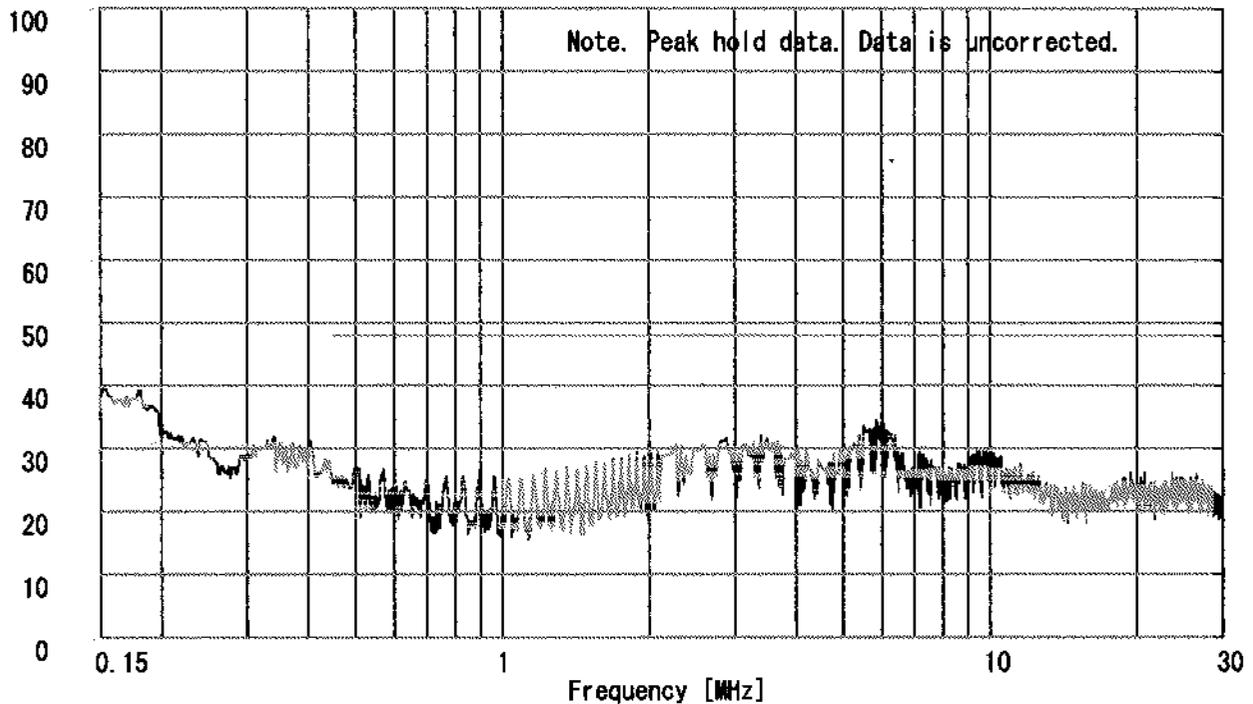
Report No. : 22EE0011-YW

Applicant : Sony Corporation
Kind of Equipment : PC
Model No. : PCG-631L
Serial No. :
Power : AC120V/60Hz
Mode : Transmitting (2412MHz)
Remarks : FCC ID:AK8PCG631L
Date : 12/18/2001
Phase : Single Phase
Temperature : 27 °C
Humidity : 29 %
Regulation 1 : FCC Part15. 207
Regulation 2 : None

Engineer : Naoki Sakamoto

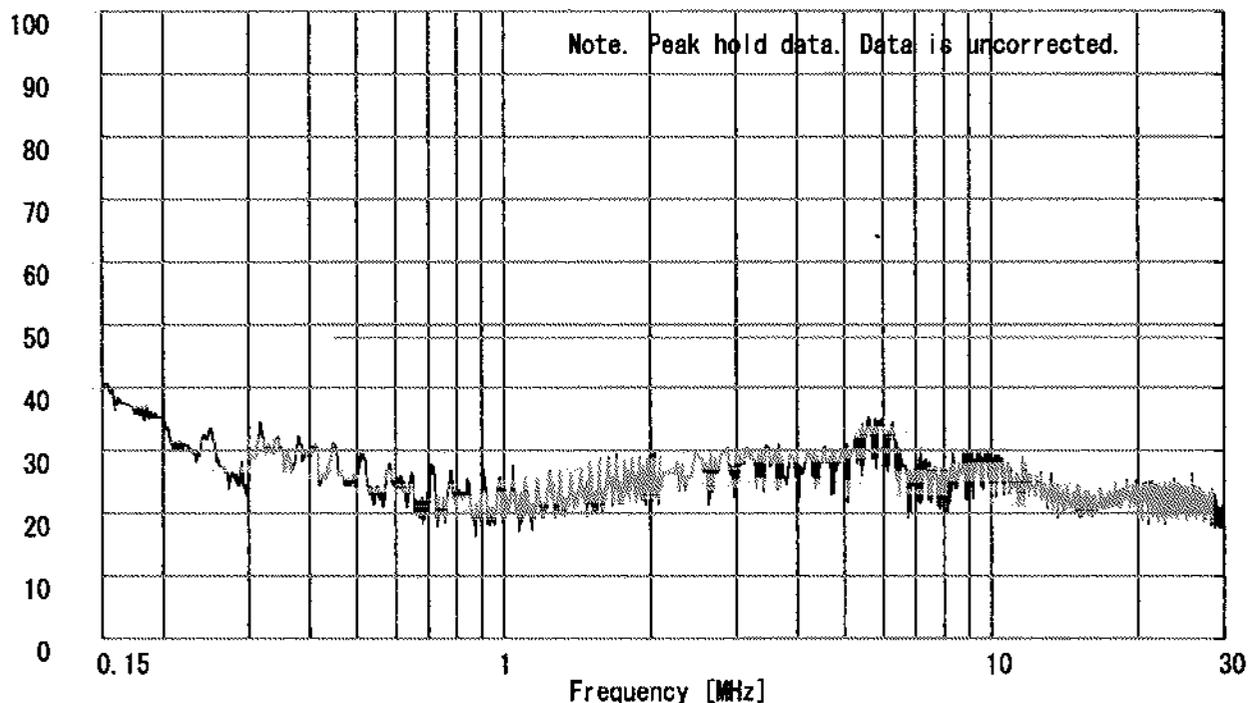
Emission Level [dB μ V]

PHASE:N



Emission Level [dB μ V]

PHASE:L1



DATA OF CONDUCTION TEST CHART

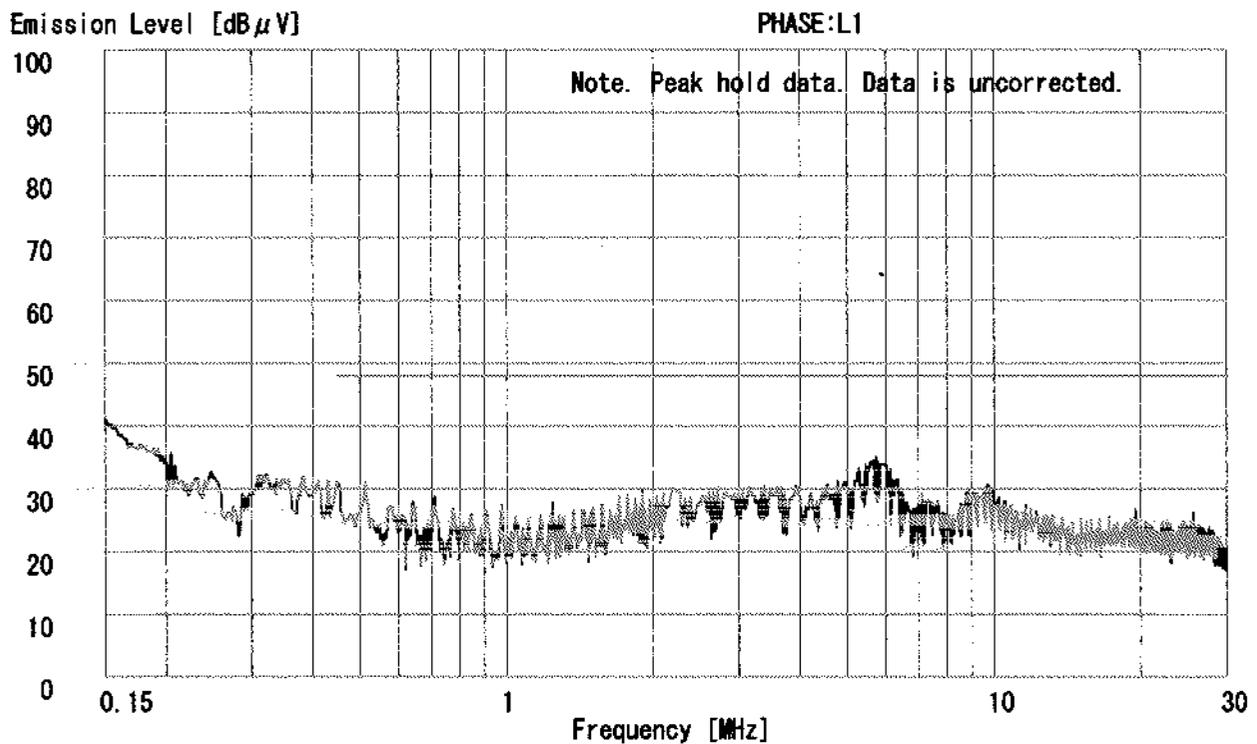
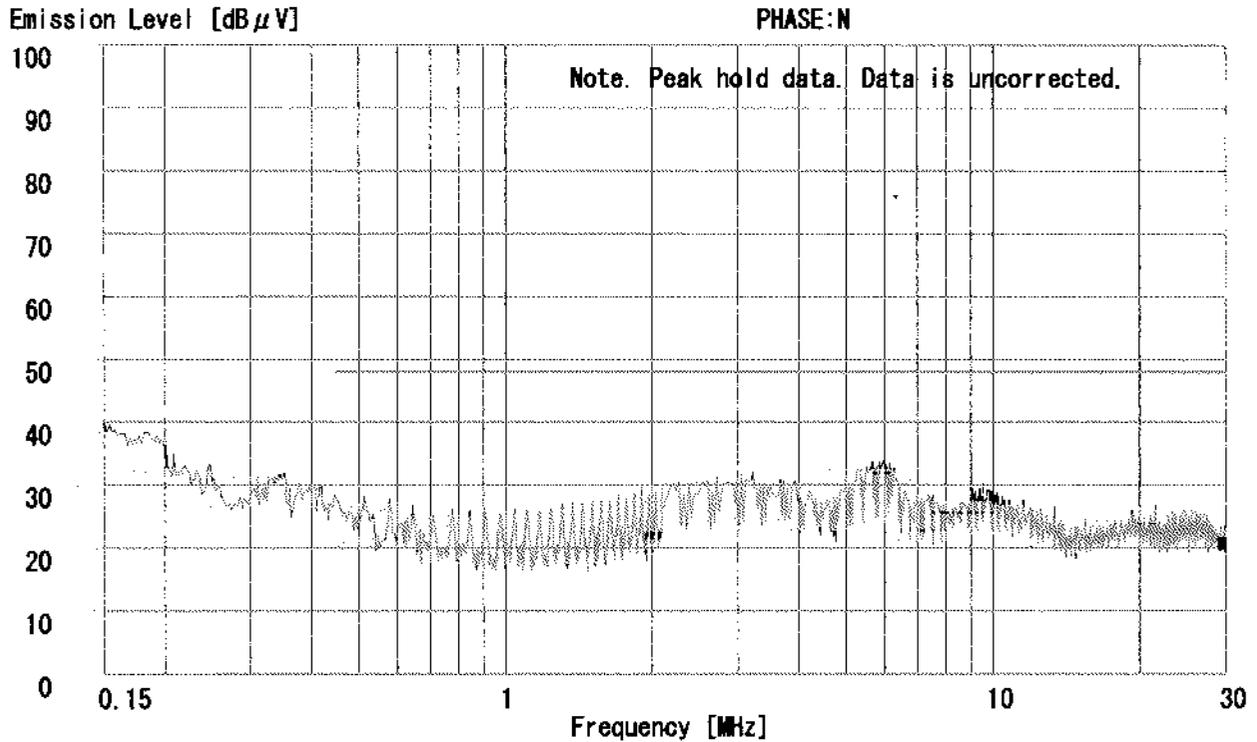
A-PEX INTERNATIONAL CO., LTD.

YOKOWA No.3 OPEN TEST SITE

Report No. : 22EE0011-YW

Applicant : Sony Corporation
Kind of Equipment : PC
Model No. : PCG-631L
Serial No. :
Power : AC120V/60Hz
Mode : Transmitting (2437MHz)
Remarks : FCC ID:AK8PCG631L
Date : 12/18/2001
Phase : Single Phase
Temperature : 27 °C
Humidity : 29 %
Regulation 1 : FCC Part15.207
Regulation 2 : None

Engineer : Naoki Sakamoto

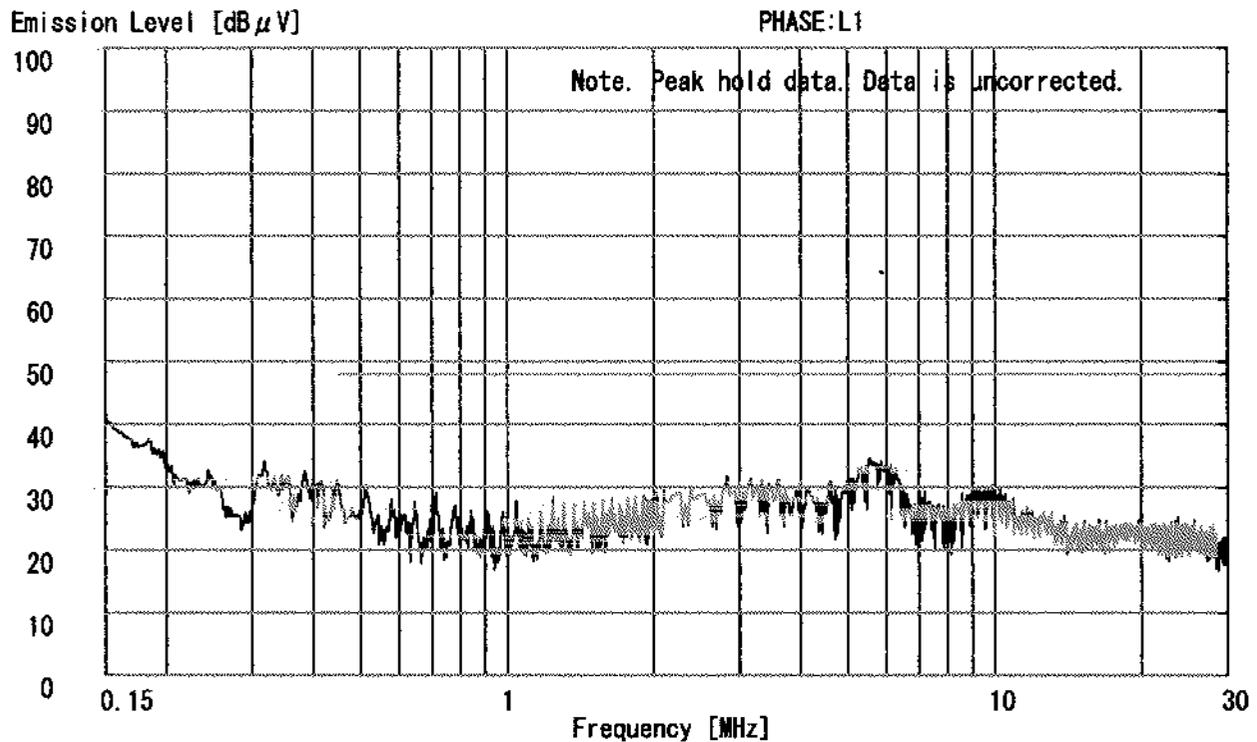
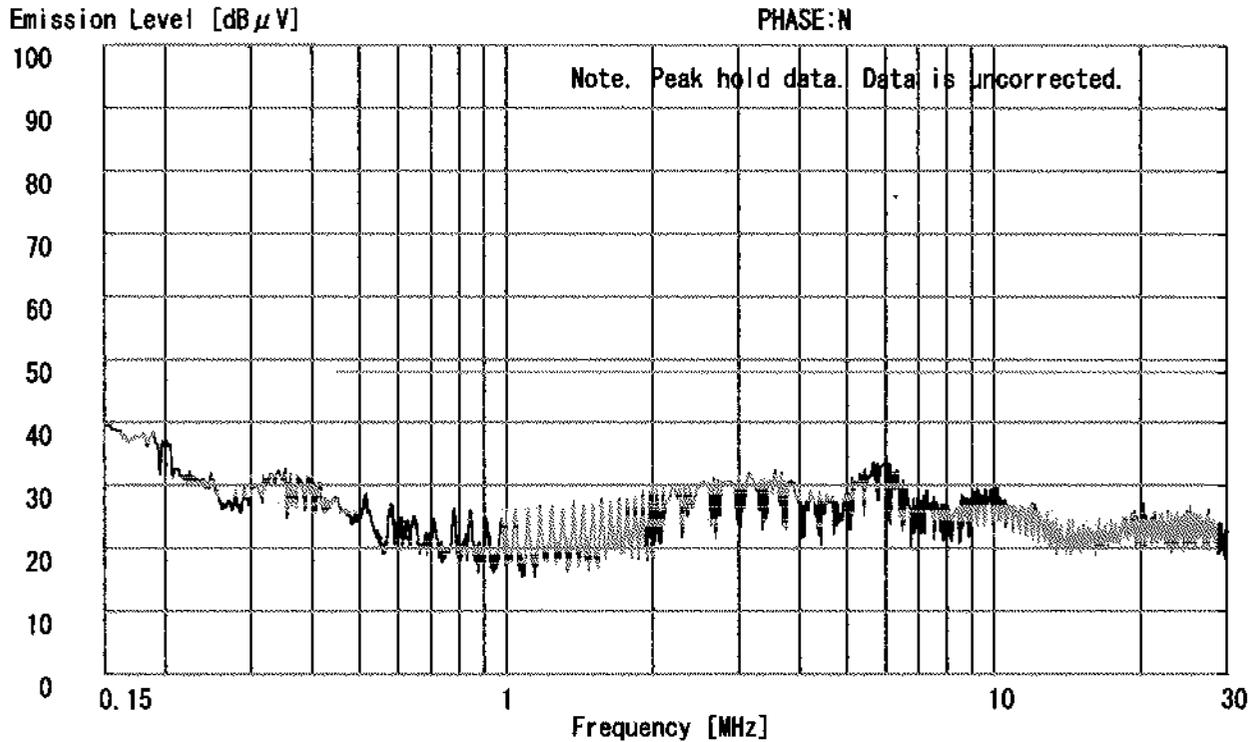


DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 22EE0011-YW

Applicant : Sony Corporation
Kind of Equipment : PC
Model No. : PCG-631L
Serial No. :
Power : AC120V/60Hz
Mode : Transmitting (2462MHz)
Remarks : FCC ID:AK8PCG631L
Date : 12/18/2001
Phase : Single Phase
Temperature : 27 °C
Humidity : 29 %
Regulation 1 : FCC Part15. 207
Regulation 2 : None

Engineer : Naoki Sakamoto

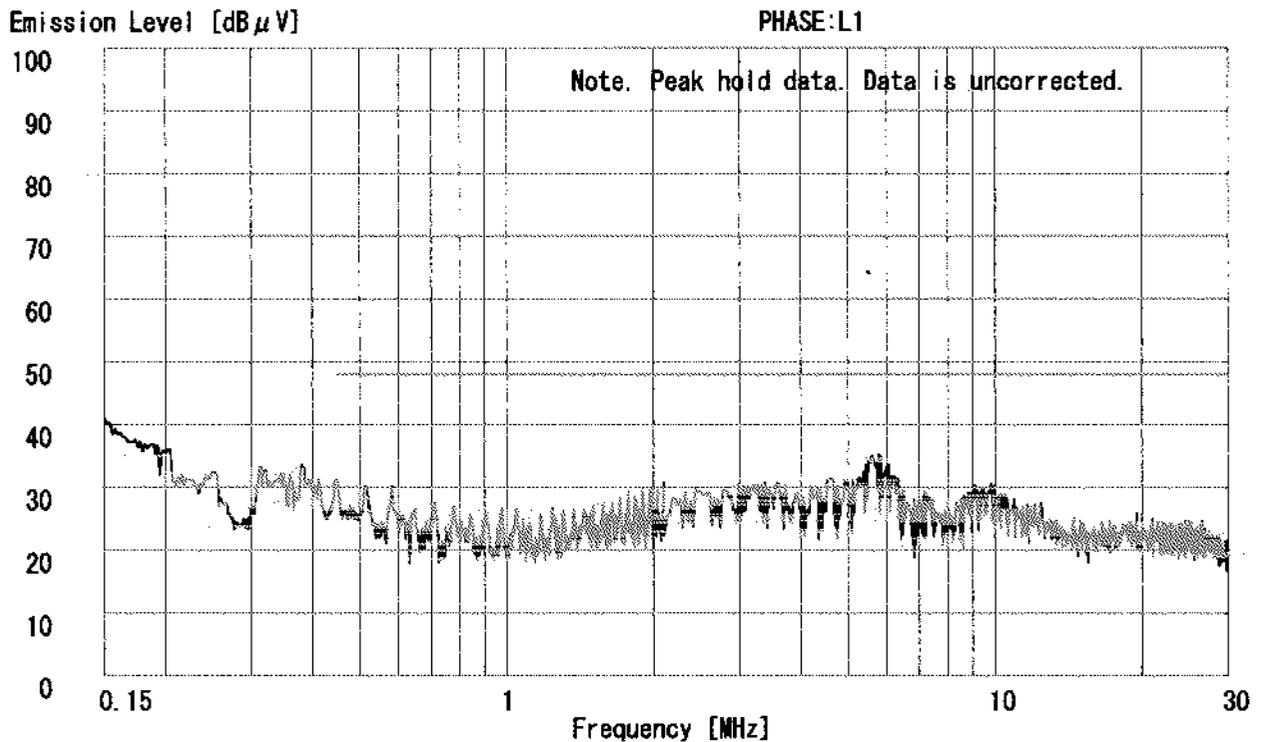
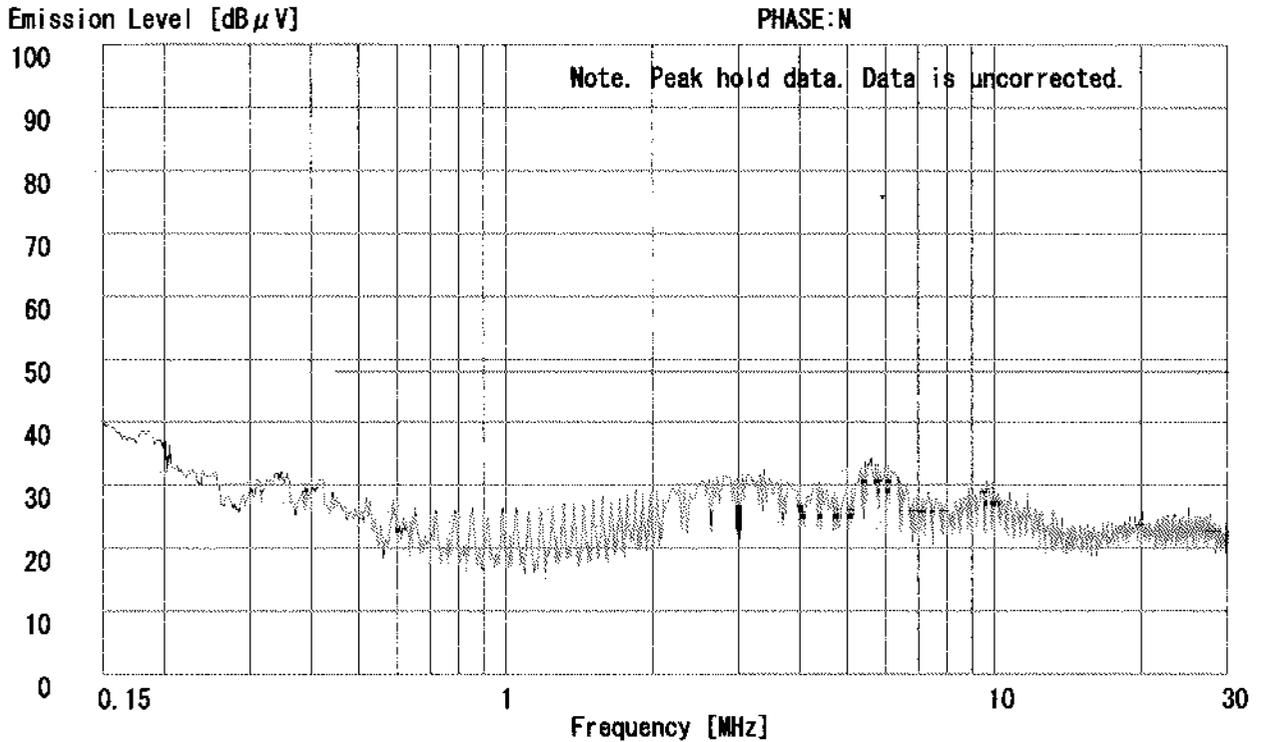


DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 22EE0011-YW

Applicant : Sony Corporation
Kind of Equipment : PC
Model No. : PCG-631L
Serial No. :
Power : AC120V/60Hz
Mode : Receiving
Remarks : AK8PCG631L
Date : 12/18/2001
Phase : Single Phase
Temperature : 27 °C
Humidity : 29 %
Regulation 1 : FCC Part15.207
Regulation 2 : None

Engineer : Naoki Sakamoto



DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.

YOKOWA No.3 OPEN TEST SITE

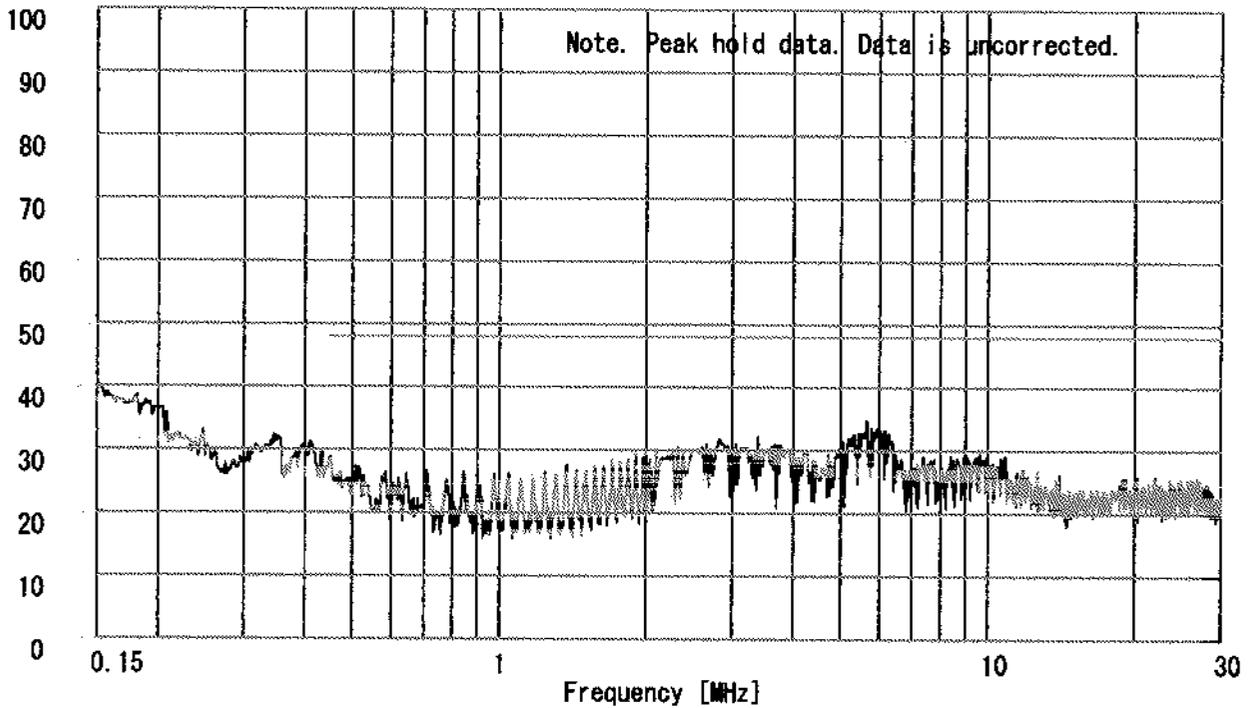
Report No. : 22EE0011-YW

Applicant : Sony Corporation
Kind of Equipment : PC
Model No. : PCG-631L
Serial No. :
Power : AC120V/60Hz
Mode : Standby
Remarks : FCC ID:AK8PCG631L
Date : 12/18/2001
Phase : Single Phase
Temperature : 27 °C
Humidity : 29 %
Regulation 1 : FCC Part15.207
Regulation 2 : None

Engineer : Naoki Sakamoto

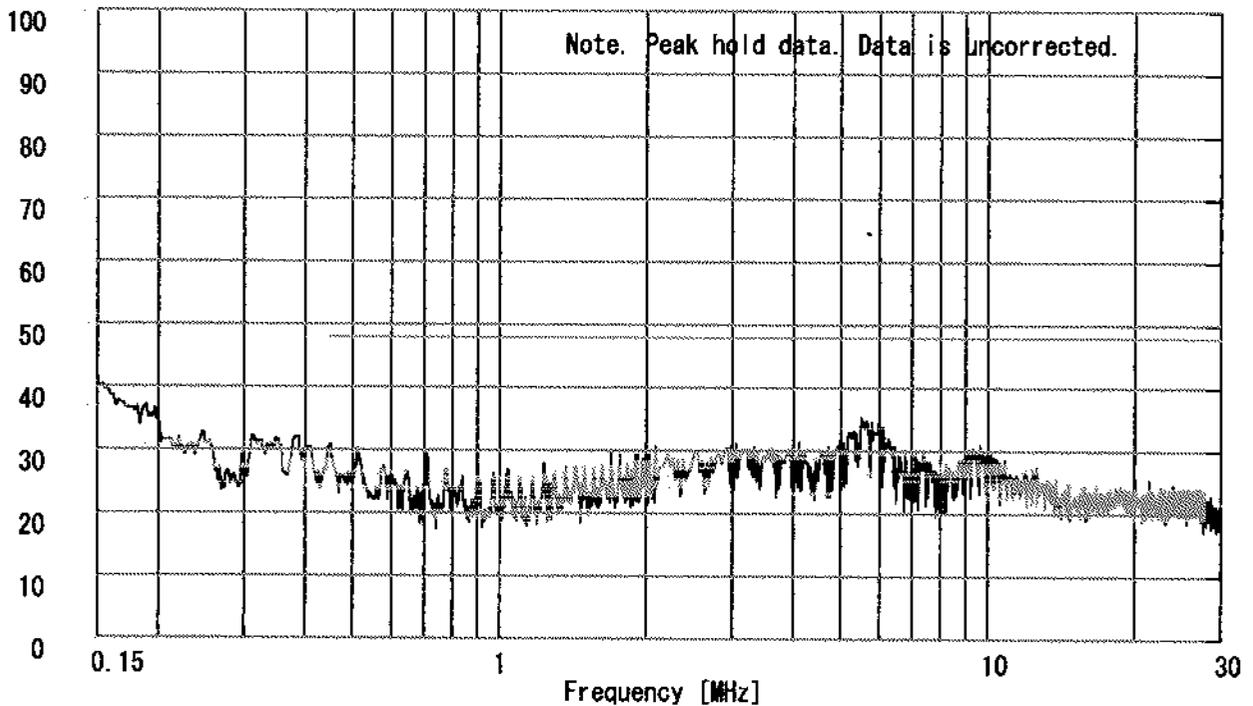
Emission Level [dB μ V]

PHASE:N



Emission Level [dB μ V]

PHASE:L1



1. 2412MHz(Low)



2. 2437MHz(Mid)



3. 2462MHz(Hi)



Peak Out Put Power(Radiated)

A-PEX INTERNATIONAL CO., LTD.
YOKOWA NO.3 OPEN SITE

COMPANY : Sony Corporation
EQUIPMENT : Wireless LAN builtin PC
MODEL : PCG-631L
FCC ID : AK8PCG631L
POWER : AC120V/60Hz
Mode : Transmitting

REPORT NO : 22EE0011-YW
REGULATION : Fcc Part15SubpartC 247(b)(1)
TEST DISTANCE : 3m
DATE : 12/19/2001
Temp./Humi. : 20deg.C/43%


ENGINEER : Naoki Sakamoto

PK DETECT(S/A : RBW 1MHz and VBW 1MHz)

Ch	FREQ [GHz]	S/A READING		All Factor [dB]	E1		E		Limit (1W) [mW]	Result	
		HOR	VER		HOR	VER	HOR	VER		HOR	VER
		[dBuV]			[dBuV/m]		[V/m]			[mW]	
Low	2.4120	107.1	101.8	6.3	113.4	108.1	0.4688	0.2552	1000.0	40.2	11.9
Mid	2.4370	106.0	102.4	6.4	112.4	108.8	0.4167	0.2757	1000.0	31.8	13.9
High	2.4620	106.5	103.7	6.5	113.0	110.2	0.4459	0.3218	1000.0	36.4	18.9

Sample Calculation :

All Factor = S/A Reading + ANT Factor - Amp Gain + CABLE LOSS + ATTEN

RESULT = (E*d)(E*d)/(30G)

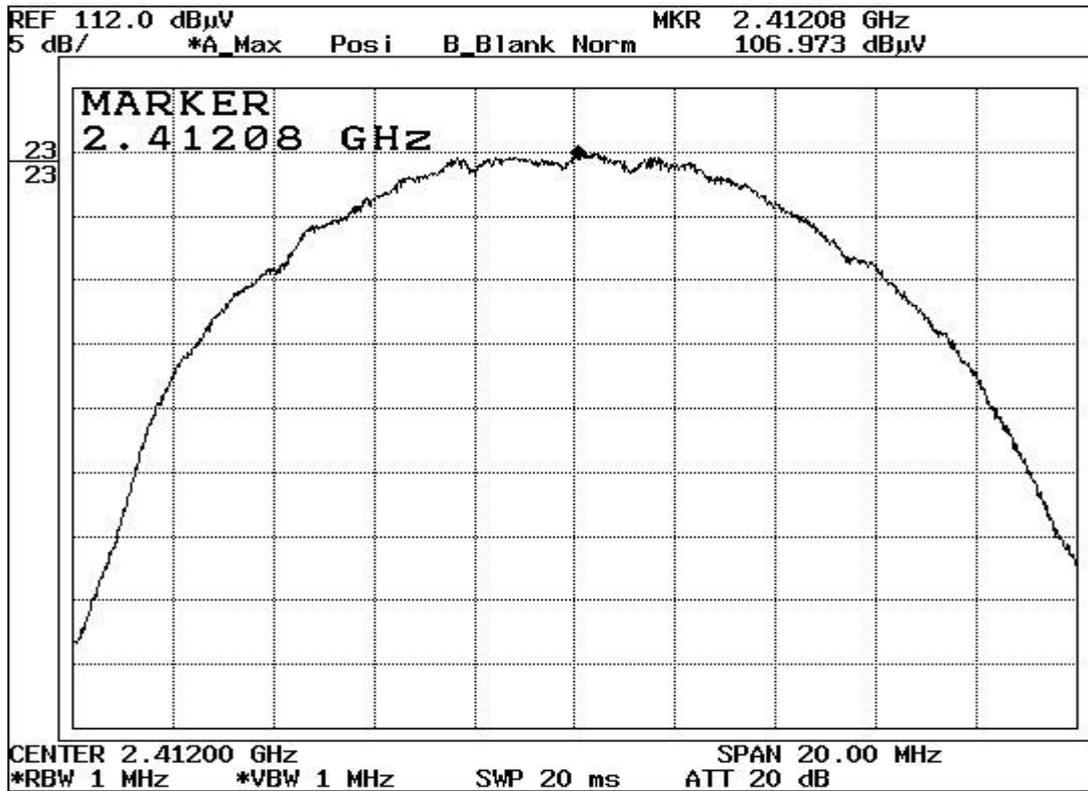
E : Converted to V/m

d : Test distance(3.0m)

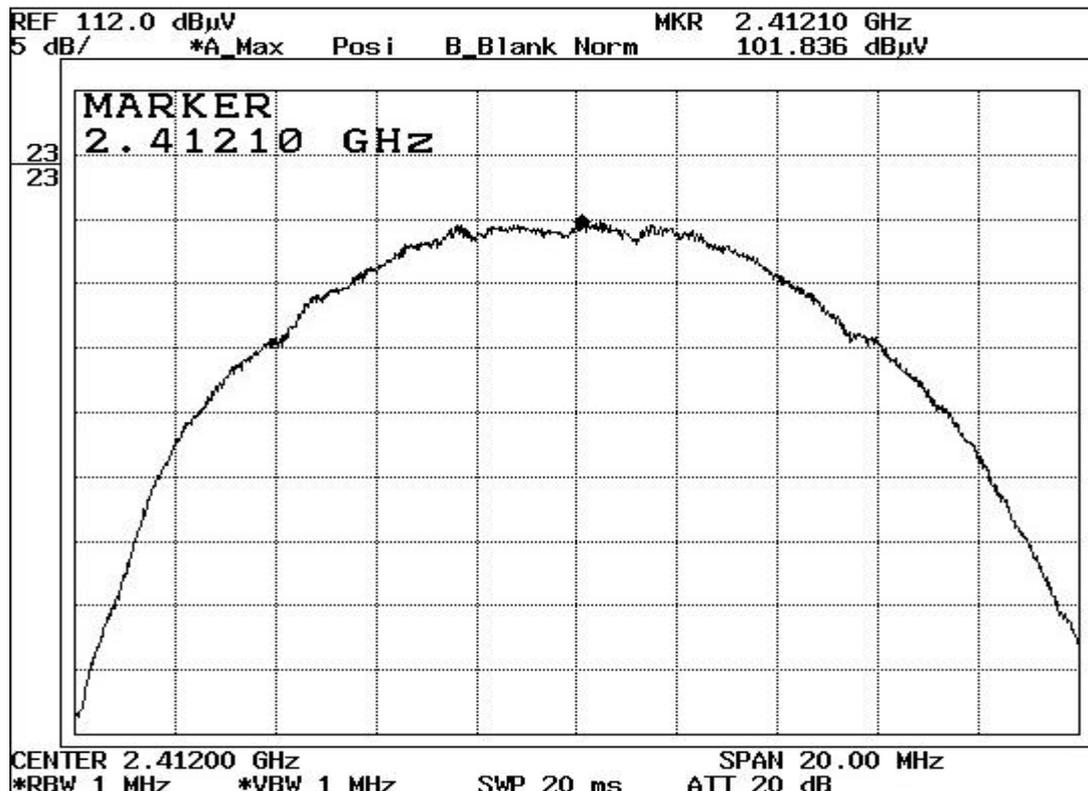
G : Antenna Gaine(1.64)

2412MHz(Low)

Horizontal

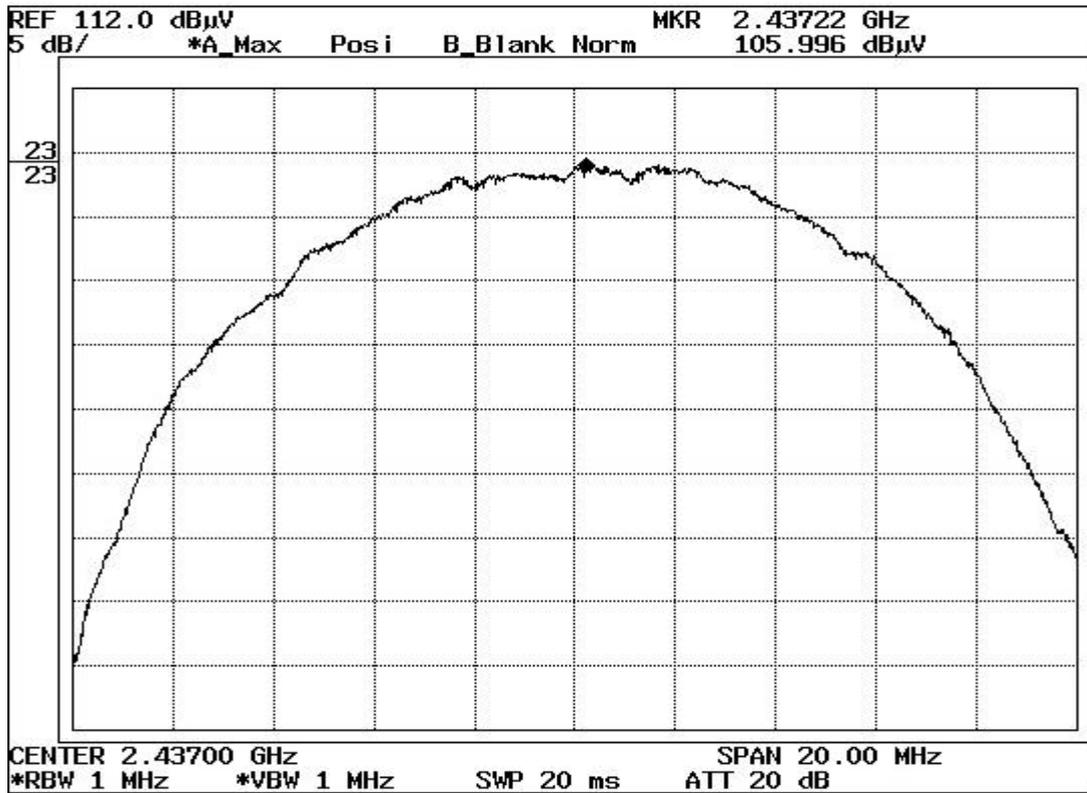


Vertical

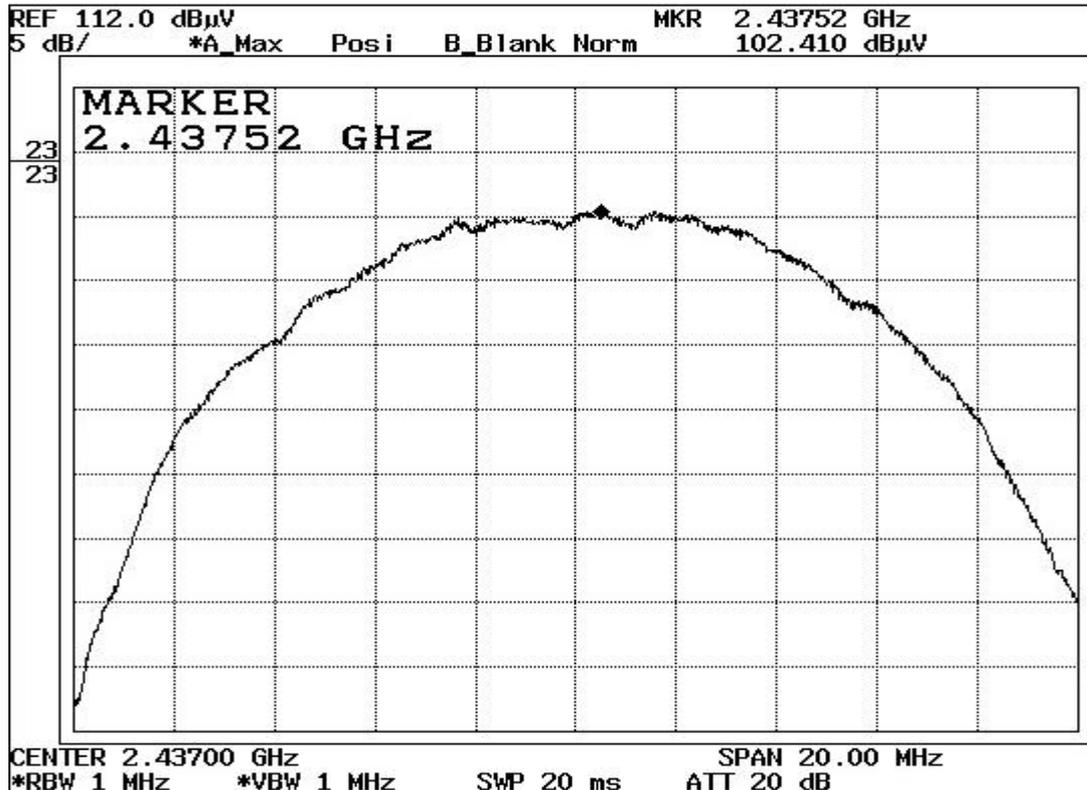


2437MHz(Mid)

Horizontal

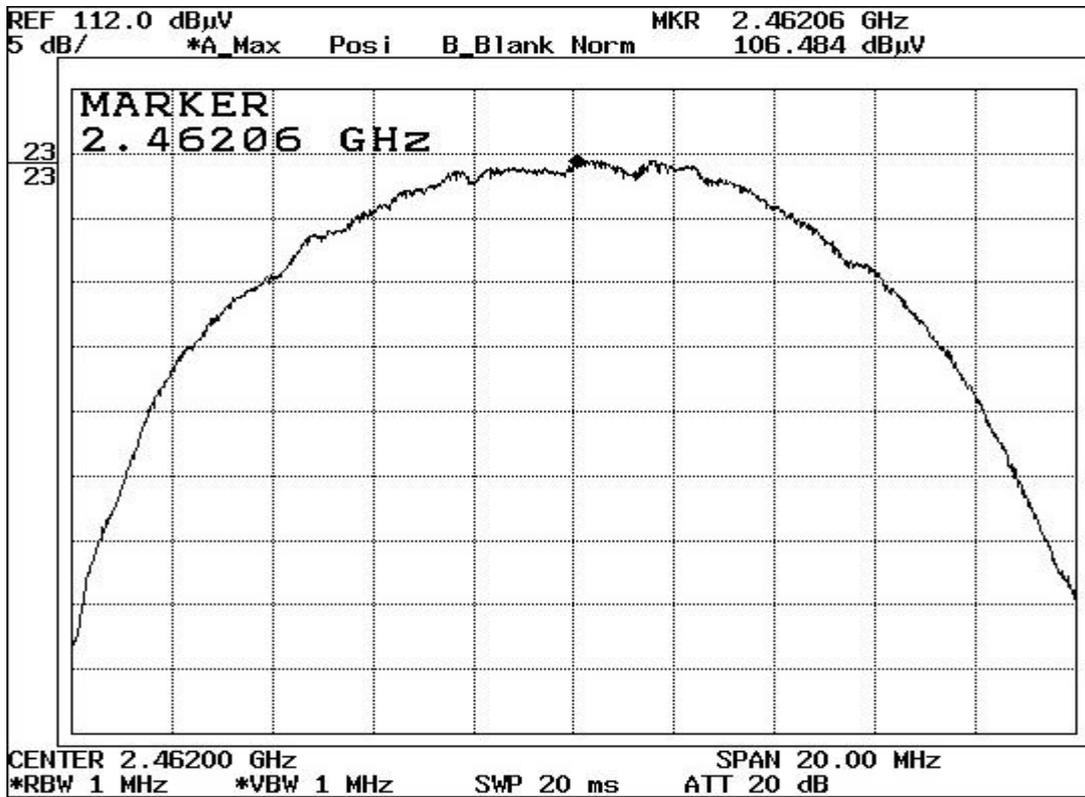


Vertical

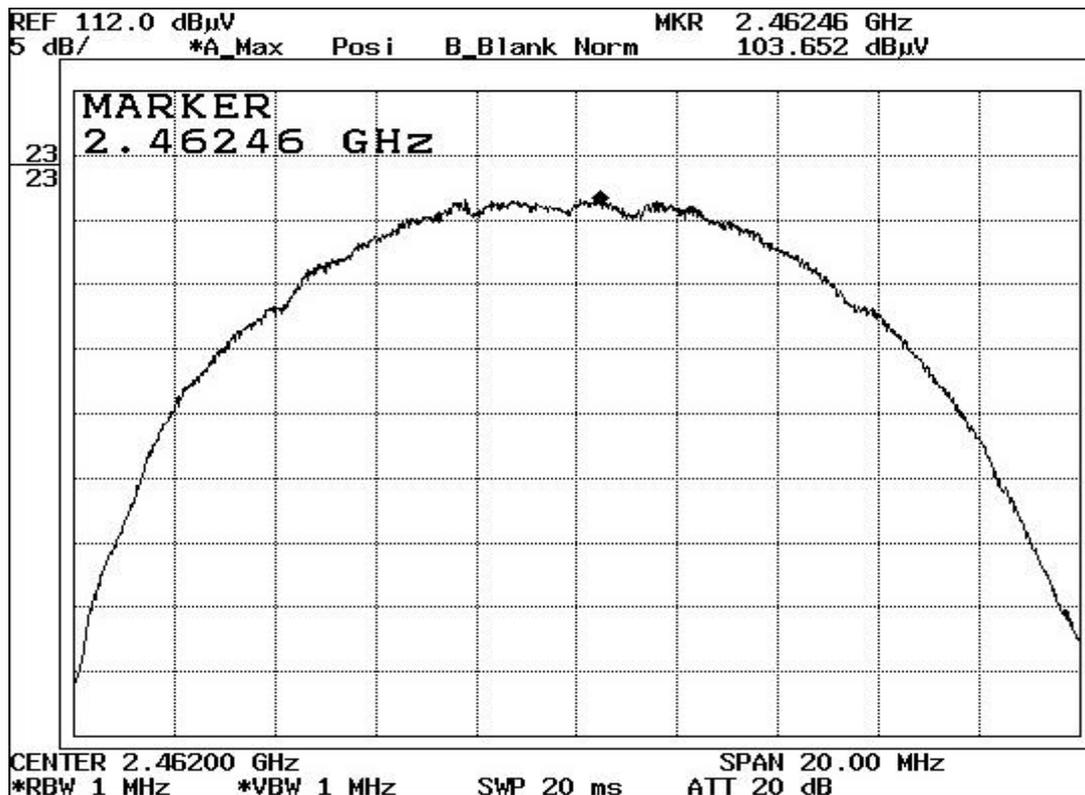


2462MHz(Hi)

Horizontal



Vertical



Peak Out Put Power(Conducted)

A-PEX INTERNATIONAL CO., LTD.
YOKOWA NO.3 OPEN SITE

COMPANY : Sony Corporation
EQUIPMENT : Wireless LAN builtin PC
MODEL : PCG-631L
FCC ID : AK8PCG631L
POWER : AC120V/60Hz
Mode : Transmitting

REPORT NO : 22EE0011-YW
REGULATION : Fcc Part15SubpartC 247(b)(1)
TEST DISTANCE :
DATE : 12/20/2001
Temp./Humi. : 20deg.C/43%


ENGINEER : Naoki Sakamoto

CH	FREQ [GHz]	PM Reading [dBm]	Limit (1W) [dBm]	MARGIN [dB]
Low	2.41200	14.6	30.0	15.4
Mid	2.43700	14.7	30.0	15.3
High	2.46200	14.8	30.0	15.2

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 22EE0011-YW

Applicant : Sony Corporation
 Kind of Equipment : PC
 Model No. : PCG-631L
 Serial No. :
 Power : AC120V/60Hz
 Mode : Transmitting (2412MHz)
 Remarks : FCC ID: AK8PCG631L
 Date : 12/17/2001
 Test Distance : 3 m
 Temperature : 26 °C
 Humidity : 29 %
 Regulation : Fcc 15C § 15. 209 (a)



 Engineer : Naoki Sakamoto

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μ V/m]	MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER		HOR [dB]	VER
1.	200.00	BB	34.1	33.5	16.4	27.8	2.8	5.9	31.4	30.8	43.5	12.1	12.7
2.	326.90	BB	37.8	35.7	14.5	27.6	3.6	5.8	34.1	32.0	46.0	11.9	14.0
3.	335.97	BB	43.4	37.6	14.6	27.6	3.7	5.8	39.9	34.1	46.0	6.1	11.9
4.	352.02	BB	35.7	35.7	14.8	27.7	3.9	5.9	32.6	32.6	46.0	13.4	13.4
5.	400.02	BB	36.2	36.3	15.4	27.5	4.1	5.8	34.0	34.1	46.0	12.0	11.9
6.	479.95	BB	44.5	43.5	17.6	27.5	4.7	5.8	45.1	44.1	46.0	0.9	1.9

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

All other spurious emissions are more than 20dB below the limits.

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 22EE0011-YW

Applicant : Sony Corporation
 Kind of Equipment : PC
 Model No. : PCG-631L
 Serial No. :
 Power : AC120V/60Hz
 Mode : Transmitting (2437MHz)
 Remarks : FCC ID:AK8PCG631L
 Date : 12/17/2001
 Test Distance : 3 m
 Temperature : 26 °C
 Humidity : 29 %
 Regulation : Fcc 15C § 15.209(a)



 Engineer : Naoki Sakamoto

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]	HOR [dB]	VER [dB]		
1.	200.00	BB	33.6	31.1	16.4	27.8	2.8	5.9	30.9	28.4	43.5	12.6	15.1	
2.	327.60	BB	38.5	35.9	14.5	27.6	3.6	5.8	34.8	32.2	46.0	11.2	13.8	
3.	335.97	BB	43.4	38.9	14.6	27.6	3.7	5.8	39.9	35.4	46.0	6.1	10.6	
4.	352.02	BB	37.2	34.8	14.8	27.7	3.9	5.9	34.1	31.7	46.0	11.9	14.3	
5.	400.00	BB	35.6	36.0	15.4	27.5	4.1	5.8	33.4	33.8	46.0	12.6	12.2	
6.	479.95	BB	43.9	43.8	17.6	27.5	4.7	5.8	44.5	44.4	46.0	1.5	1.6	

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

All other spurious emissions are more than 20dB below the limits.

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 22EE0011-YW

Applicant : Sony Corporation
Kind of Equipment : PC
Model No. : PCG-631L
Serial No. :
Power : AC120V/60Hz
Mode : Transmitting (2462MHz)
Remarks : FCC ID:AK8PCG631L
Date : 12/17/2001
Test Distance : 3 m
Temperature : 26 °C
Humidity : 29 %
Regulation : Fcc 15C § 15. 209 (a)

Engineer : Naoki Sakamoto

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS		MARGIN	
			HOR [dB μ V]	VER					HOR [dB μ V/m]	VER	HOR [dB]	VER		
1.	200.00	BB	34.3	31.9	16.4	27.8	2.8	5.9	31.6	29.2	43.5	11.9	14.3	
2.	326.68	BB	38.3	34.3	14.5	27.6	3.6	5.8	34.6	30.6	46.0	11.4	15.4	
3.	335.97	BB	43.4	38.2	14.6	27.6	3.7	5.8	39.9	34.7	46.0	6.1	11.3	
4.	352.02	BB	37.2	35.4	14.8	27.7	3.9	5.9	34.1	32.3	46.0	11.9	13.7	
5.	400.00	BB	36.0	35.8	15.4	27.5	4.1	5.8	33.8	33.6	46.0	12.2	12.4	
6.	479.95	BB	43.7	43.2	17.6	27.5	4.7	5.8	44.3	43.8	46.0	1.7	2.2	

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

All other spurious emissions are more than 20dB below the limits.

DATA OF SUPURIOUS EMISSIONS(1GHz to 26GHz)

A-PEX INTERNATIONAL CO., LTD.
YOKOWA NO.3 OPEN SITE

COMPANY : Sony Corporation
EQUIPMENT : Wireless LAN builtin PC
MODEL : PCG-631L
FCC ID : AK8PCG631L
POWER : AC120V/60Hz
Mode : Transmitting(ch1:2412MHz)

REPORT NO : 22EE0011-YW
REGULATION : Fcc Part15 SubpartC 247/209
TEST DISTANCE : 3m / 1m
DATE : 12/20/2001
Temp./Humi. : 20deg.C/43%


ENGINEER : Naoki Sakamoto

PK DETECT(S/A : RBW 1MHz and VBW 1MHz)

No.	FREQ [GHz]	S/A READING		ANT Factor [dB]	AMP GAIN [dB]	CABLE LOSS [dB]	H.P.Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
#1	1.18525	54.5	59.6	26.3	35.0	3.8	0.0	49.3	49.8	74.0	24.7	24.2
#2	1.69258	63.4	62.8	31.3	34.5	3.4	0.0	63.7	63.0	74.0	10.4	11.0
3	2.39000	53.1	50.0	31.1	34.5	3.4	1.2	54.4	51.3	74.0	19.6	22.7
4	4.82400	47.5	45.2	35.4	34.5	8.0	1.0	57.4	55.1	74.0	16.7	18.9
5	7.23621	42.6	46.9	39.1	34.8	9.4	1.3	57.6	61.9	74.0	16.4	12.1
*6	9.64800	42.1	42.8	39.2	35.0	11.0	1.5	58.8	59.5	83.5	24.7	24.0
*7	12.06000	42.1	43.4	43.5	34.4	12.1	1.1	64.4	65.7	83.5	19.1	17.8
*8	14.47200	43.7	43.3	42.2	33.1	13.5	1.1	67.4	67.0	83.5	16.1	16.5
*9	16.88400	45.1	46.1	43.8	33.4	14.8	1.0	71.3	72.3	83.5	12.3	11.3
*10	19.29600	45.0	44.9	38.0	33.4	15.8	0.8	66.2	66.1	83.5	17.3	17.4
*11	21.70800	45.2	45.0	37.8	33.0	16.5	0.6	67.1	66.9	83.5	16.4	16.6
*12	24.12000	45.8	45.6	39.6	33.2	15.8	0.7	68.7	68.5	83.5	14.8	15.0

AV DETECT(S/A : RBW 1MHz and VBW 10Hz)

No.	FREQ [GHz]	S/A READING		ANT Factor [dB]	AMP GAIN [dB]	CABLE LOSS [dB]	H.P.Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
#1	1.18525	36.5	39.6	26.3	35.0	3.8	0.0	31.6	34.7	54.0	22.4	19.3
#2	1.69258	32.7	33.1	31.1	34.5	3.4	0.0	32.8	33.1	54.0	21.2	20.9
3	2.39000	41.9	39.1	31.1	34.5	3.4	1.2	43.2	40.3	54.0	10.8	13.7
4	4.82400	35.1	34.6	35.4	34.5	8.0	1.0	45.0	44.5	54.0	9.0	9.6
5	7.23621	35.4	35.4	39.1	34.8	9.4	1.3	50.4	50.4	54.0	3.6	3.6
*6	9.64800	32.2	32.2	39.2	35.0	11.0	1.5	48.9	48.9	63.5	14.6	14.7
*7	12.06000	30.6	30.9	43.5	34.4	12.1	1.1	52.9	53.2	63.5	10.6	10.3
*8	14.47200	30.0	30.3	42.2	33.1	13.5	1.1	53.7	54.0	63.5	9.8	9.5
*9	16.88400	32.1	32.1	43.8	33.4	14.8	1.0	58.3	58.3	63.5	5.3	5.2
*10	19.29600	32.1	32.0	38.0	33.4	15.8	0.8	53.3	53.2	63.5	10.3	10.4
*11	21.70800	32.5	32.5	37.8	33.0	16.5	0.6	54.4	54.4	63.5	9.1	9.1
*12	24.12000	32.6	32.5	39.6	33.2	15.8	0.7	55.4	55.4	63.5	8.1	8.2

Sample Calculation :

RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + High Pass Filter

Except for the above table : All other spurious emissions are more than 20dB below the limit.

* Test Distance 1m, 1m Limit=3m Limit(54dB)+20log(3/1)

The point don't use high pass filter.

DATA OF SUPURIOUS EMISSIONS(1GHz to 26GHz)

A-PEX INTERNATIONAL CO., LTD.
YOKOWA NO.3 OPEN SITE

COMPANY : Sony Corporation
EQUIPMENT : Wireless LAN builtin PC
MODEL : PCG-631L
FCC ID : AK8PCG631L
POWER : AC120V/60Hz
Mode : Transmitting(ch6:2437MHz)

REPORT NO : 22EE0011-YW
REGULATION : Fcc Part15 SubpartC 247/209
TEST DISTANCE : 3m / 1m
DATE : 12/20/2001
Temp./Humi. : 20deg.C/43%


ENGINEER : Naoki Sakamoto

PK DETECT(S/A : RBW 1MHz and VBW 1MHz)

No.	FREQ [GHz]	S/A READING		ANT Factor [dB]	AMP GAIN [dB]	CABLE LOSS [dB]	H.P.Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
#1	1.19335	53.4	59.7	26.3	35.0	3.8	0.0	48.5	54.8	74.0	25.5	19.3
#2	1.69205	62.6	62.0	31.1	34.5	3.4	0.0	62.7	62.0	74.0	11.3	12.0
3	4.87400	45.3	44.9	35.6	34.5	7.8	1.3	55.5	55.1	74.0	18.5	18.9
4	7.31100	41.5	42.2	39.2	34.9	9.4	1.0	56.2	56.9	74.0	17.8	17.1
*5	9.74800	42.2	44.1	39.2	35.0	11.0	1.3	58.7	60.6	83.5	24.8	22.9
*6	12.18500	43.6	43.7	43.4	34.3	12.3	1.5	66.5	66.6	83.5	17.0	16.9
*7	14.62200	43.9	43.0	42.6	33.1	13.6	1.1	68.1	67.2	83.5	15.4	16.3
*8	17.05900	45.1	43.4	43.8	33.2	14.8	1.1	71.6	69.9	83.5	11.9	13.6
*9	19.49600	44.9	45.2	38.0	33.4	15.9	1.4	66.8	67.1	83.5	16.8	16.4
*10	21.93300	44.9	45.9	37.8	33.0	16.5	0.6	66.8	67.8	83.5	16.7	15.7
*11	24.37000	45.8	45.7	39.5	33.2	15.7	0.5	68.3	68.2	83.5	15.2	15.4

AV DETECT(S/A : RBW 1MHz and VBW 10Hz)

No.	FREQ [GHz]	S/A READING		ANT Factor [dB]	AMP GAIN [dB]	CABLE LOSS [dB]	H.P.Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
#1	1.19335	36.4	40.1	26.3	35.0	3.8	0.0	31.5	35.2	54.0	22.5	18.8
#2	1.69205	32.9	33.2	31.1	34.5	3.4	0.0	32.9	33.2	54.0	21.1	20.8
3	4.87400	32.6	32.3	35.6	34.5	7.8	1.3	42.8	42.5	54.0	11.2	11.6
4	7.31100	31.0	32.6	39.2	34.9	9.4	1.0	45.7	47.3	54.0	8.3	6.7
*5	9.74800	30.9	31.1	39.2	35.0	11.0	1.3	47.4	47.6	63.5	16.2	16.0
*6	12.18500	30.9	30.7	43.4	34.3	12.3	1.5	53.8	53.6	63.5	9.8	9.9
*7	14.62200	30.3	29.9	42.6	33.1	13.6	1.1	54.5	54.1	63.5	9.1	9.5
*8	17.05900	31.7	31.7	43.8	33.2	14.8	1.1	58.2	58.2	63.5	5.3	5.4
*9	19.49600	31.9	32.2	38.0	33.4	15.9	1.4	53.8	54.1	63.5	9.7	9.5
*10	21.93300	32.2	32.7	37.8	33.0	16.5	0.6	54.1	54.6	63.5	9.4	8.9
*11	24.37000	32.7	32.9	39.5	33.2	15.7	0.5	55.2	55.4	63.5	8.4	8.2

Sample Calculation :

RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + High Pass Filter

Except for the above table : All other spurious emissions are more than 20dB below the limit.

* Test Distance 1m, 1m Limit=3m Limit(54dB)+20log(3/1)

The point don't use high pass filter.

DATA OF SUPURIOUS EMISSIONS(1GHz to 26GHz)

A-PEX INTERNATIONAL CO., LTD.
YOKOWA NO.3 OPEN SITE

COMPANY : Sony Corporation
EQUIPMENT : Wireless LAN builtin PC
MODEL : PCG-631L
FCC ID : AK8PCG631L
POWER : AC120V/60Hz
Mode : Transmitting(ch11:2462MHz)

REPORT NO : 22EE0011-YW
REGULATION : Fcc Part15 SubpartC 247/209
TEST DISTANCE : 3m / 1m
DATE : 12/20/2001
Temp./Humi. : 20deg.C/43%


ENGINEER : Naoki Sakamoto

PK DETECT(S/A : RBW 1MHz and VBW 1MHz)

No.	FREQ [GHz]	S/A READING		ANT Factor [dB]	AMP GAIN [dB]	CABLE LOSS [dB]	H.P.Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
#1	1.19335	52.5	59.4	26.3	35.0	3.8	0.0	47.6	54.5	74.0	26.4	19.5
#2	1.69255	63.6	62.4	31.6	34.5	3.5	0.0	64.2	63.0	74.0	9.8	11.0
3	2.48350	50.7	48.4	31.6	34.5	3.5	1.3	52.6	50.3	74.0	21.4	23.7
4	4.92398	46.9	46.4	35.8	34.5	7.9	0.9	57.0	56.5	74.0	17.0	17.5
5	7.38600	41.4	42.5	39.2	34.9	9.5	1.1	56.3	57.4	74.0	17.7	16.7
*6	9.84800	43.1	43.8	39.2	34.9	11.0	1.5	59.9	60.6	83.5	23.7	22.9
*7	12.31000	43.7	44.6	43.3	34.2	12.3	1.2	66.3	67.2	83.5	17.2	16.3
*8	14.77200	43.6	42.9	42.9	33.0	13.7	0.8	68.0	67.3	83.5	15.5	16.2
*9	17.23400	44.5	43.5	43.9	33.1	14.8	1.6	71.7	70.7	83.5	11.8	12.8
*10	19.69600	45.7	45.2	38.0	33.4	16.0	0.7	67.0	66.5	83.5	16.5	17.0
*11	22.15800	46.2	45.9	38.3	33.0	16.5	0.6	68.6	68.2	83.5	15.0	15.3
*12	24.62000	46.4	45.6	39.4	33.2	15.4	0.6	68.6	67.8	83.5	14.9	15.7

AV DETECT(S/A : RBW 1MHz and VBW 10Hz)

No.	FREQ [GHz]	S/A READING		ANT Factor [dB]	AMP GAIN [dB]	CABLE LOSS [dB]	H.P.Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
#1	1.19335	35.8	40.2	26.3	35.0	3.8	0.0	30.9	35.3	54.0	23.1	18.7
#2	1.69255	32.8	33.0	31.6	34.5	3.5	0.0	33.4	33.6	54.0	20.6	20.4
3	2.48350	38.3	37.5	31.6	34.5	3.5	1.3	40.2	39.4	54.0	13.8	14.6
4	4.92398	35.6	34.0	35.8	34.5	7.9	0.9	45.7	44.1	54.0	8.3	10.0
5	7.38600	30.8	30.5	39.2	34.9	9.5	1.1	45.7	45.4	54.0	8.3	8.6
*6	9.84800	31.3	31.3	39.2	34.9	11.0	1.5	48.1	48.1	63.5	15.5	15.5
*7	12.31000	31.0	30.9	43.3	34.2	12.3	1.2	53.6	53.5	63.5	10.0	10.0
*8	14.77200	30.4	30.1	42.9	33.0	13.7	0.8	54.8	54.5	63.5	8.7	9.0
*9	17.23400	32.0	32.0	43.9	33.1	14.8	1.6	59.2	59.2	63.5	4.4	4.4
*10	19.69600	33.0	32.5	38.0	33.4	16.0	0.7	54.3	53.8	63.5	9.3	9.8
*11	22.15800	32.4	32.2	38.3	33.0	16.5	0.6	54.8	54.5	63.5	8.8	9.0
*12	24.62000	33.1	32.9	39.4	33.2	15.4	0.6	55.3	55.1	63.5	8.2	8.5

Sample Calculation :

RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + High Pass Filter

Except for the above table : All other spurious emissions are more than 20dB below the limit.

* Test Distance 1m, 1m Limit=3m Limit(54dB)+20log(3/1)

The point don't use high pass filter.