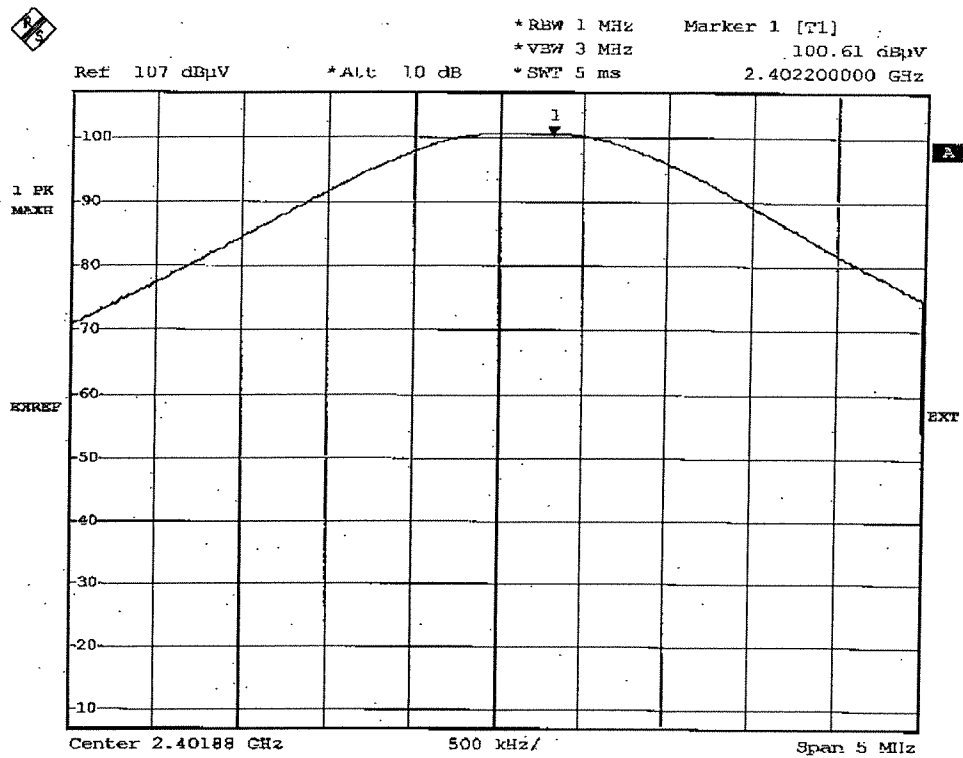
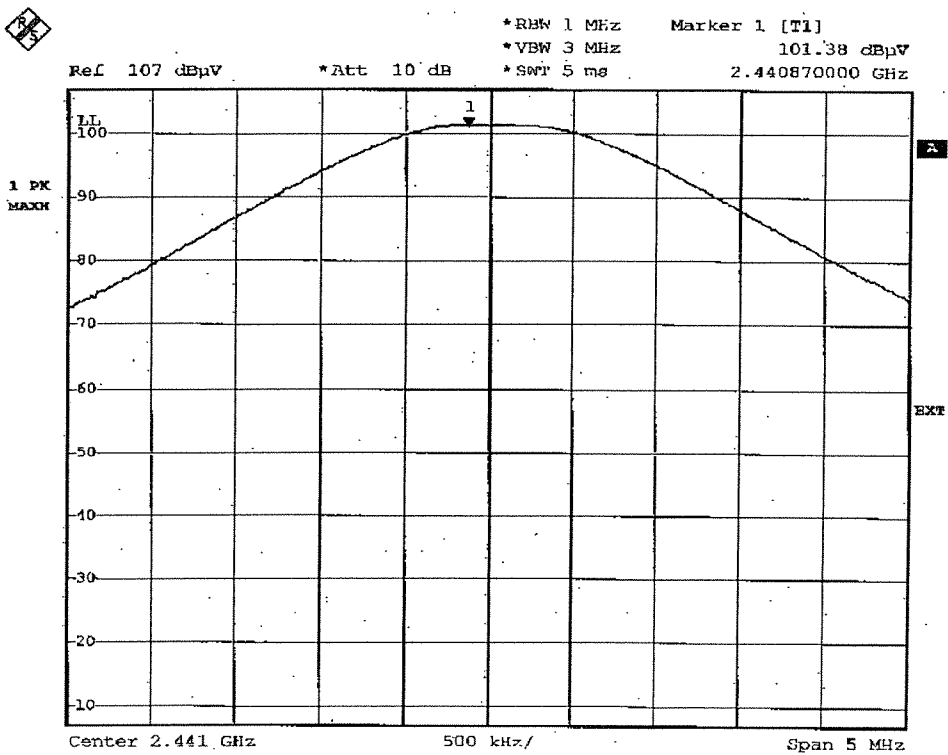


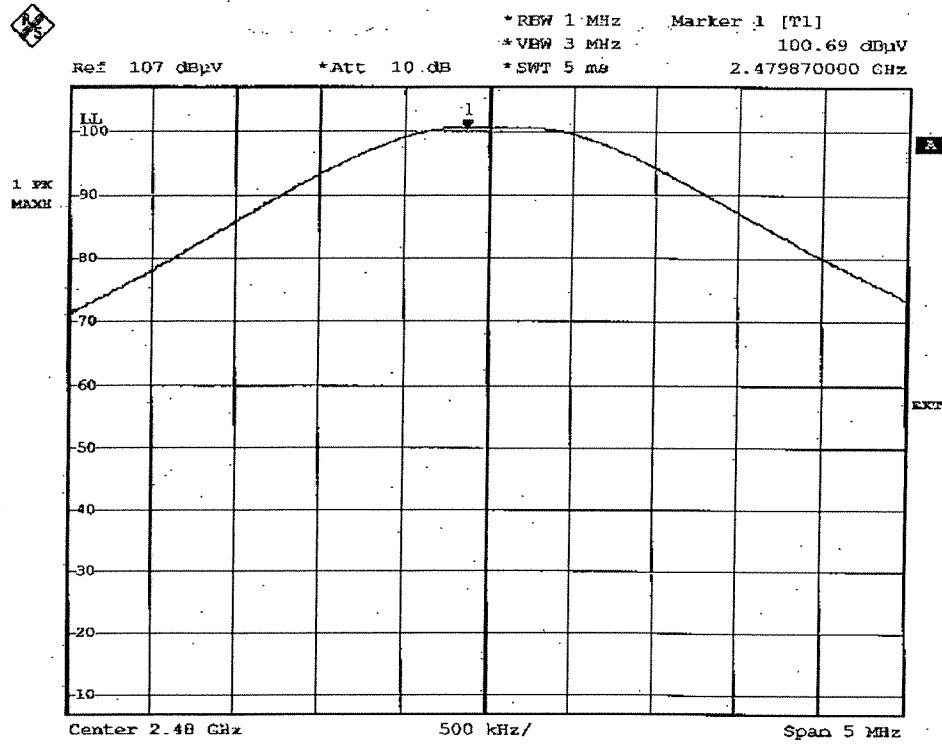
Peak Output Power(Conducted):Tx(2402MHz)



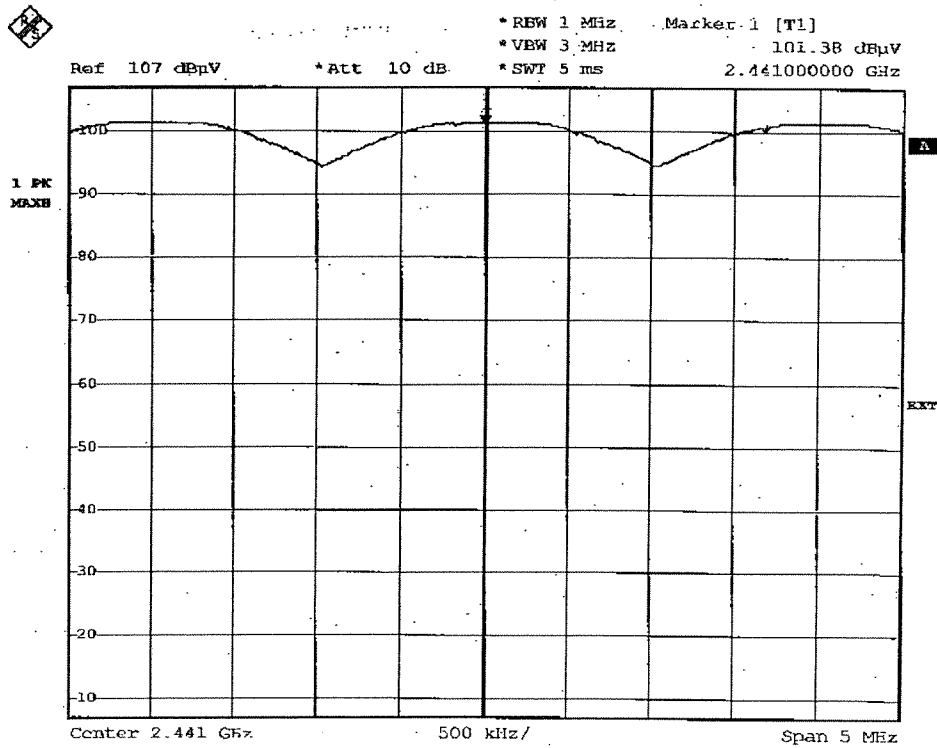
Peak Output Power(Conducted):Tx(2441MHz)



Peak Output Power(Conducted):Tx(2480MHz)



Peak Output Power(Conducted):Inquiry

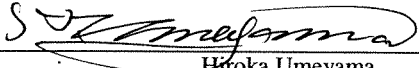


DATA OF BAND EDGE

A-Pex International Co., Ltd.

EMC HEAD OFFICE DIVISION No.2 SEMI ANECHOIC CHAMBER

COMPANY	: Sony Corporation	REPORT NO	: 23EE0036-HO - 1
EQUIPMEN	: Personal Entertainment Organizer	REGULATION	: Fcc Part15 Subpart C 15.247(c)
MODEL	: PEG-TG50/U	TEST DISTANCE	: -
S/ N	: PVT28	DATE	: 12/27/2002
FCC ID	: AK8PEGTG50	TEMPERATURE	: 19°C
IC Number	: 409B-PEGTG50	HUMIDITY	: 31%
POWER	: DC5.2V(AC120V/60Hz)		
MODE	: Tx (Hopping on/off)		

Engineer :  Hiroka Umeyama

PK DETECT(S/A :Span 20/10MHz, RBW 200/100kHz/1MHz ,VBW 200/100kHz/1MHz, sweep time AUTO)

[Hopping on] Conducted

Frequency [MHz]	Reading [dBuV]	Cable Loss [dB]	E [dBuV]	P [nW]	Difference of level [dB]	Field Strength [dBuV/m]	Limit
2390.0	43.2	2.4	45.6	0.72	-	35.9	<74[dBuV/m]
2400.0	54.2	2.4	56.6	-	45.9*	-	>20[dB]
2483.6	53.2	2.4	55.6	7.24	-	46.0	<74[dBuV/m]

* Reference : Reading (100.1[dBuV]) + Cable Loss (MCC-05 + U.FL-2LP(V)-04-A-100:2.4[dB]) = E (102.5[dBuV]) at 2402MHz.

[Hopping off Tx (2402/2480MHz)] Conducted

Frequency [MHz]	Reading [dBuV]	Cable Loss [dB]	E [dBuV]	P [nW]	Difference of level [dB]	Field Strength [dBuV/m]	Limit
2390.0	37.8	2.4	40.2	0.21	-	30.6	<74[dBuV/m]
2400.0	58.3	2.4	60.7	-	42.6*	-	>20[dB]
2483.6	55.3	2.4	57.7	11.75	-	48.1	<74[dBuV/m]

* Reference : Reading (100.9[dBuV]) + Cable Loss (MCC-05 + U.FL-2LP(V)-04-A-100:2.4[dB]) = E (103.3[dBuV]) at 2480MHz.

Sample Calculation:

Field Strength = $(\sqrt{30 \cdot P \cdot 10^{-9} \cdot G}) / d$

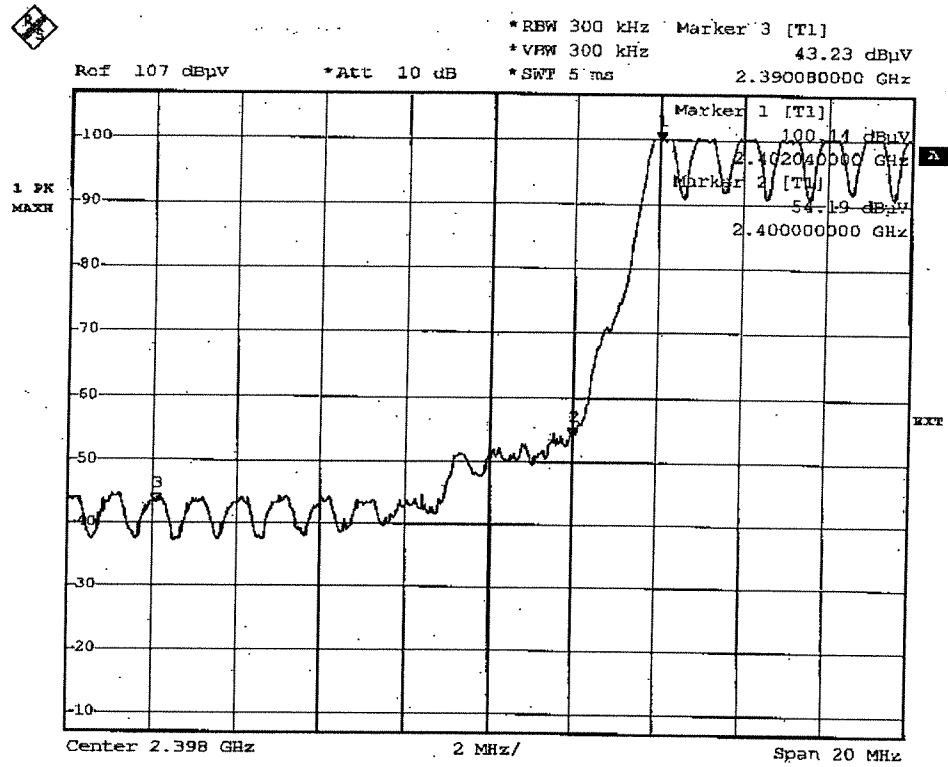
E : Reading + Cable Loss

P : Converted to nW

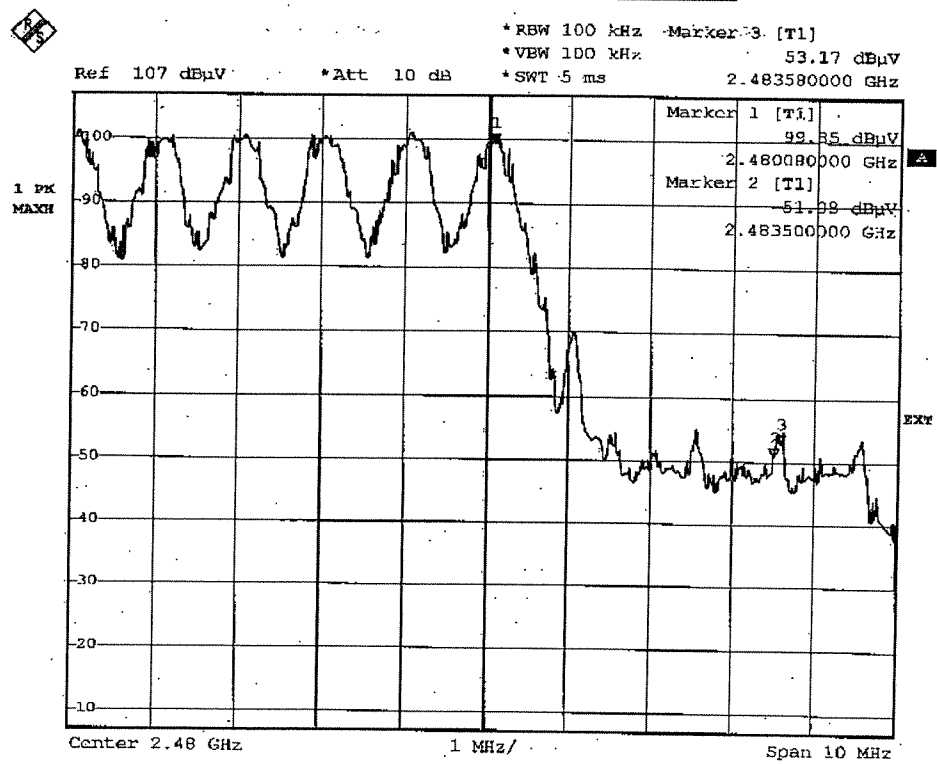
d : Test distance(3.0m)

G : Numeric Antenna Gain (1.64)

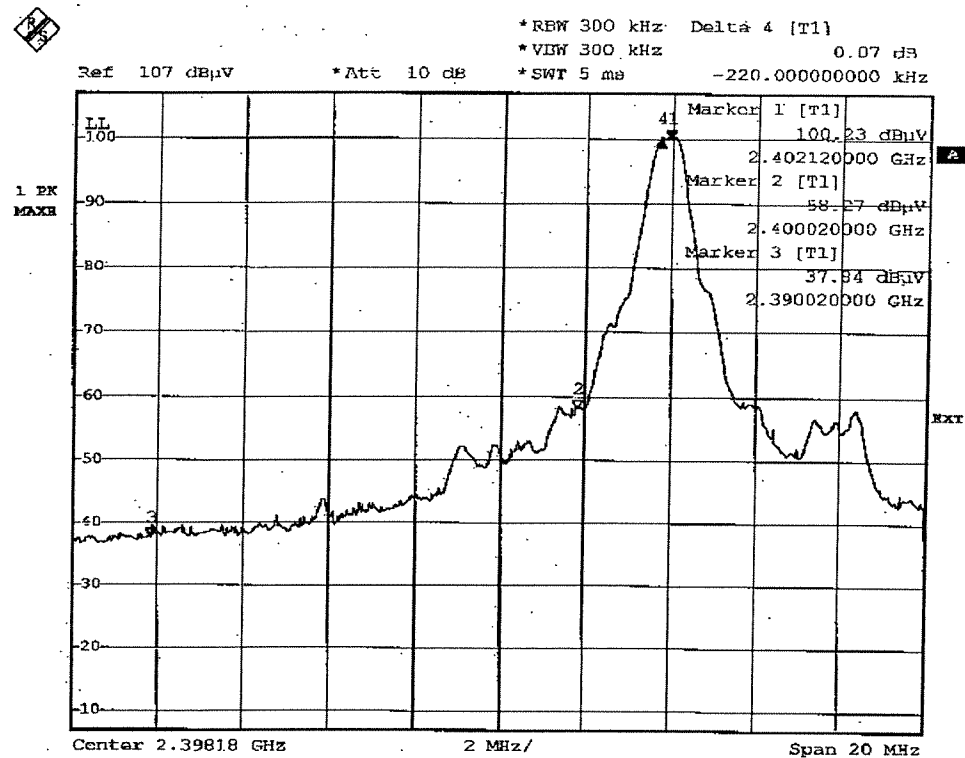
Band Edge :Tx(Hopping on)2402MHz



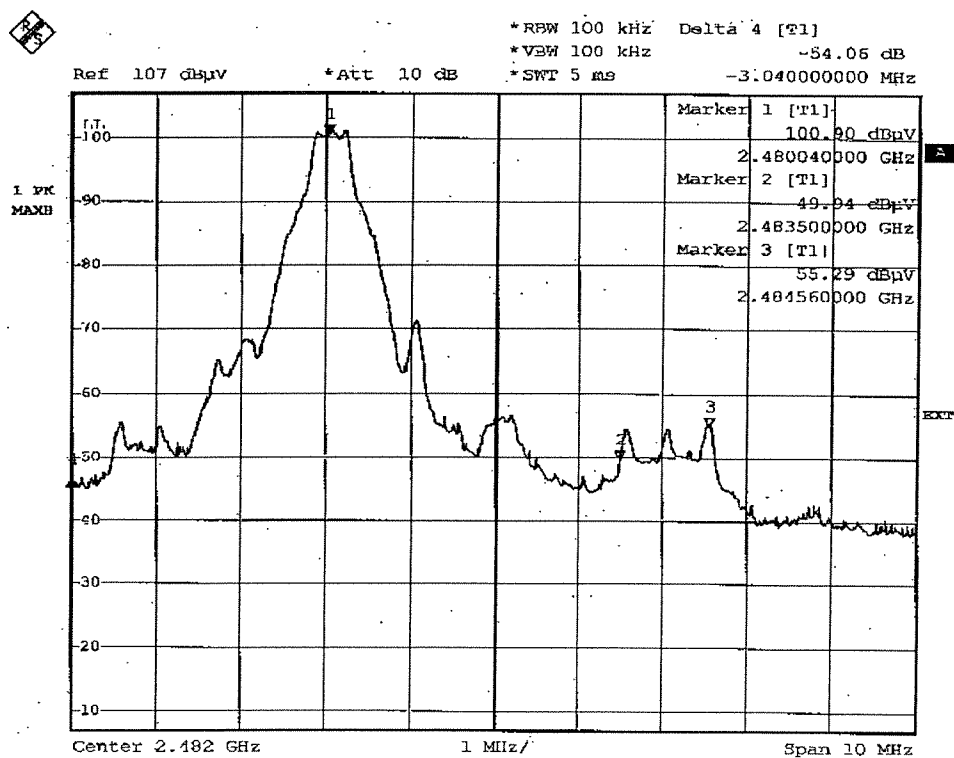
Band Edge :Tx(Hopping on)2480MHz



Band Edge :Tx(Hopping off)2402MHz



Band Edge :Tx(Hopping off)2480MHz



DATA OF RADIATION TEST

A-Pex International Co., Ltd.
No.2 SEMI ANECHOIC CHAMBER
Report No. : 23EE0036-H0- 1

Applicant : Sony Corporation
Kind of Equipment : Personal Entertainment Organizer
Model No. : PEG-TG50/U
Serial No. : PVT31
Power : DC5. 2V (AC120V/60Hz)
Mode : Tx (2402MHz)
Remarks : FCC ID:AK8PEGTG50 IC Number:409B-PEGTG50
Date : 12/26/2002
Test Distance : 3 m
Temperature : 22 °C
Humidity : 30 %
Regulation : FCC § 15. 247 (C)

Engineer :  Hiroka Umeyama

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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
1.	31.23	BB	27.5	32.2	18.4	27.5	0.7	5.8	24.9	29.6	40.0	15.1	10.4
2.	80.00	BB	39.9	43.5	7.9	27.1	1.0	5.8	27.5	31.1	40.0	12.5	8.9
3.	147.05	BB	38.5	33.9	15.2	26.5	1.3	5.8	34.3	29.7	43.5	9.2	13.8
4.	163.67	BB	37.8	29.3	15.6	26.3	1.4	5.8	34.3	25.8	43.5	9.2	17.7
5.	199.42	BB	32.3	29.7	17.4	26.1	1.7	5.8	31.1	28.5	43.5	12.4	15.0
6.	249.22	BB	36.5	31.1	18.3	26.3	1.8	5.8	36.1	30.7	46.0	9.9	15.3
7.	327.42	BB	38.2	26.5	15.2	26.3	2.1	5.7	34.9	23.2	46.0	11.1	22.8
8.	498.46	BB	33.5	34.2	18.5	27.6	2.6	5.8	32.8	33.5	46.0	13.2	12.5

CALCULATION: READING[dB μ V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB].

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

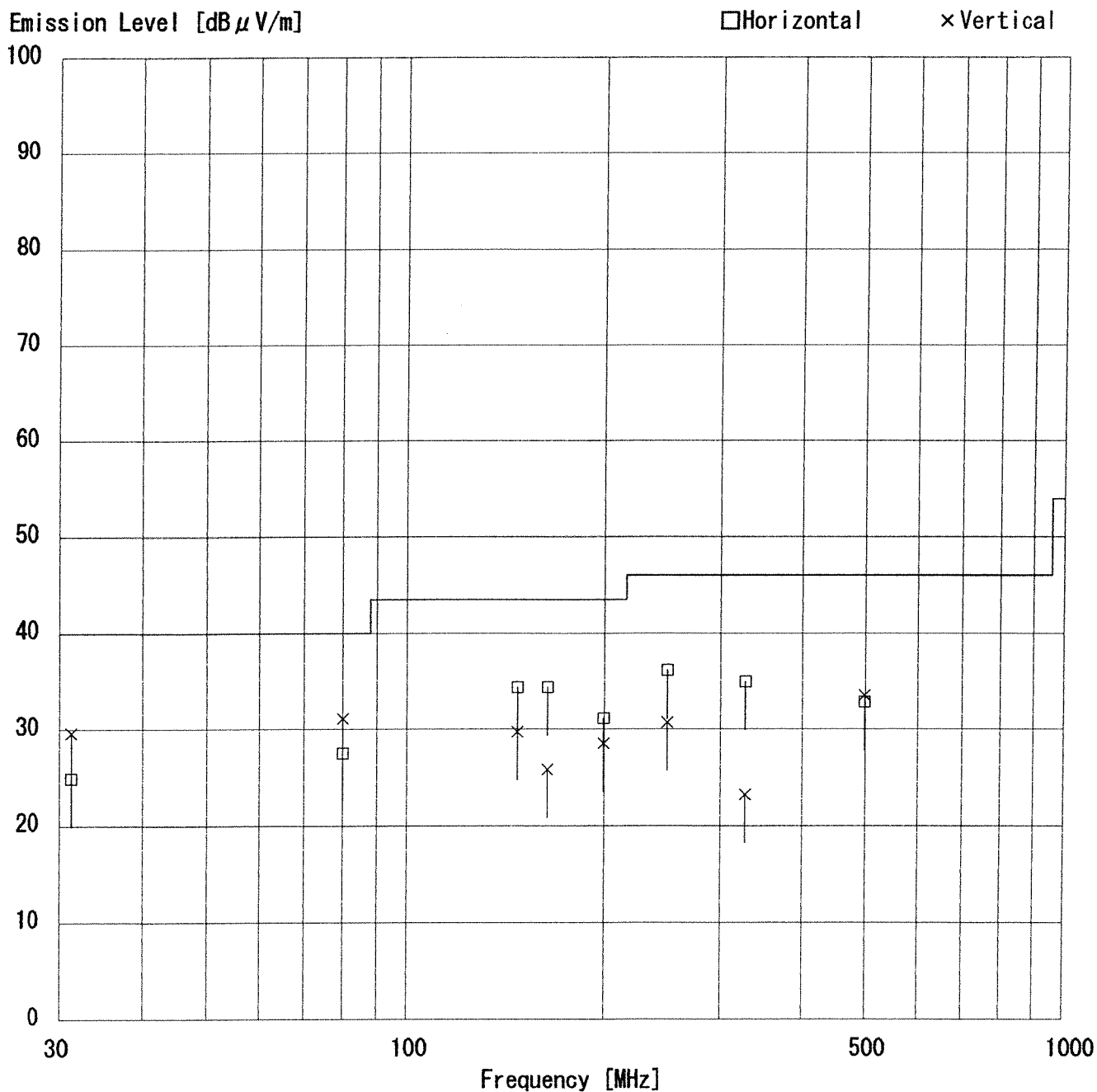
ANT. TYPE : 30-300MHz Biconical, 300-1000MHz Logperiodic, 1000MHz- Horn

DATA OF RADIATION TEST

A-Pex International Co., Ltd.
No.2 SEMI ANECHOIC CHAMBER
Report No. : 23EE0036-H0- 1

Applicant : Sony Corporation
Kind of Equipment : Personal Entertainment Organizer
Model No. : PEG-TG50/U
Serial No. : PVT31
Power : DC5.2V (AC120V/60Hz)
Mode : Tx (2402MHz)
Remarks : FCC ID:AK8PEGTG50 IC Number:409B-PEGTG50
Date : 12/26/2002
Test Distance : 3 m
Temperature : 22 °C
Humidity : 30 %
Regulation : FCC § 15.247 (C)

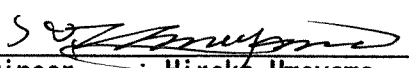
S. H. Umeyama
Engineer : Hiroka Umeyama



DATA OF RADIATION TEST

A-Pex International Co., Ltd.
No.2 SEMI ANECHOIC CHAMBER
Report No. : 23EE0036-H0 - 1

Applicant : Sony Corporation
Kind of Equipment : Personal Entertainment Organizer
Model No. : PEG-TG50/U
Serial No. : PVT31
Power : DC5. 2V (AC120V/60Hz)
Mode : Tx (2441MHz)
Remarks : FCC ID:AK8PEGTG50 IC Number:409B-PEGTG50
Date : 12/26/2002
Test Distance : 3 m
Temperature : 22 °C
Humidity : 30 %
Regulation : FCC § 15. 247 (C)


Engineer : Hiroka Umeyama

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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
1.	31.23	BB	28.6	33.5	18.4	27.5	0.7	5.8	26.0	30.9	40.0	14.0	9.1
2.	80.00	BB	46.1	45.4	7.9	27.1	1.0	5.8	33.7	33.0	40.0	6.3	7.0
3.	140.30	BB	25.9	26.7	15.1	26.5	1.3	5.8	21.6	22.4	43.5	21.9	21.1
4.	199.42	BB	31.5	31.3	17.4	26.1	1.7	5.8	30.3	30.1	43.5	13.2	13.4
5.	299.07	BB	36.5	31.1	19.6	26.2	2.0	5.7	37.6	32.2	46.0	8.4	13.8
6.	327.42	BB	38.5	26.6	15.2	26.3	2.1	5.7	35.2	23.3	46.0	10.8	22.7
7.	498.46	BB	33.9	34.5	18.5	27.6	2.6	5.8	33.2	33.8	46.0	12.8	12.2

CALCULATION: READING[dB μ V] + ANT. FACTOR[dB/m] + CABLE LOSS[dB] - AMP. GAIN[dB] + ATTEN[dB].

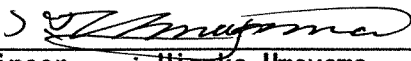
All other spurious emissions were less than 20dB for the limit.

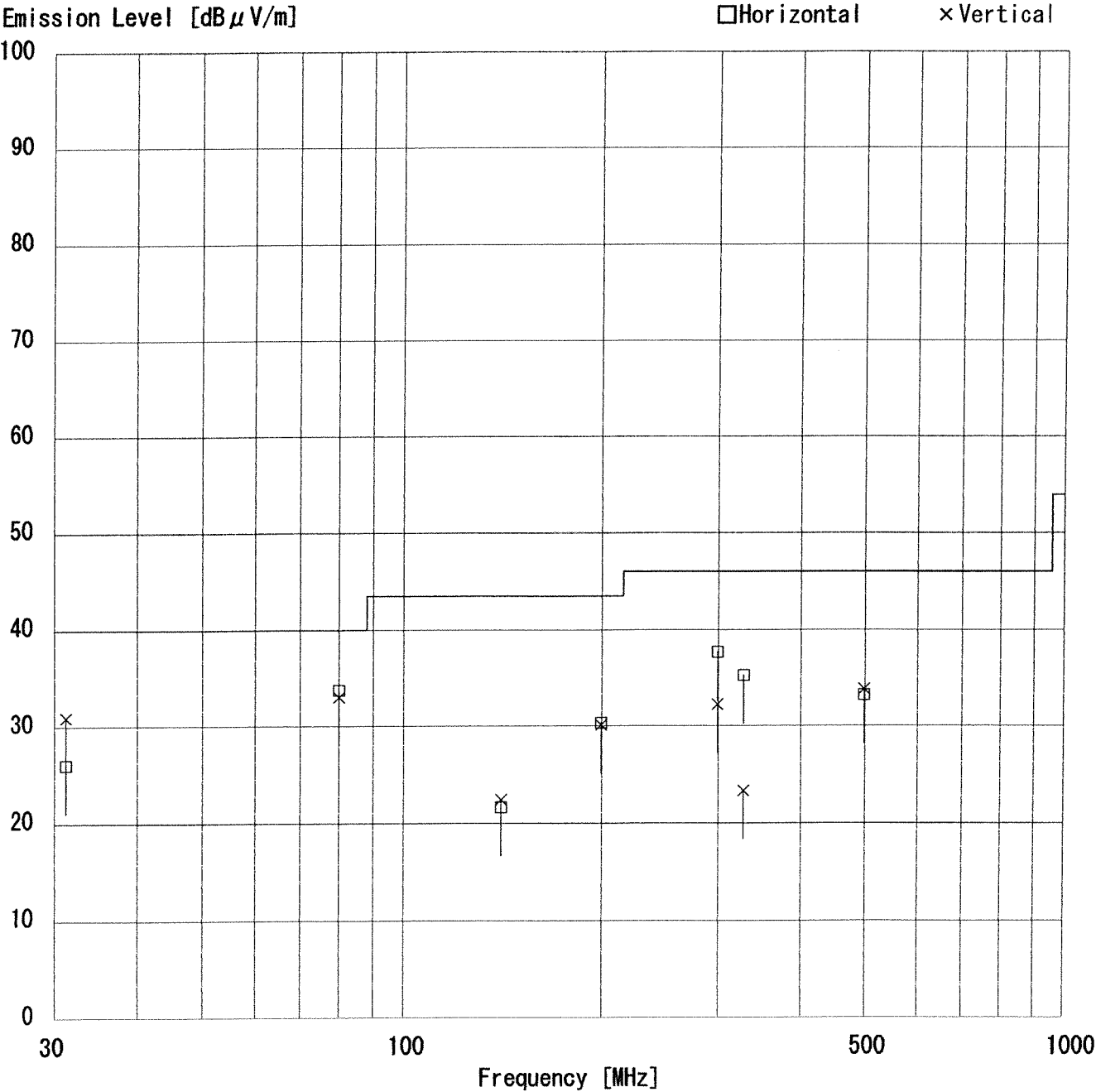
ANT. TYPE : 30-300MHz Biconical, 300-1000MHz Logperiodic, 1000MHz- Horn

DATA OF RADIATION TEST

A-Pex International Co., Ltd.
No.2 SEMI ANECHOIC CHAMBER
Report No. : 23EE0036-H0 - 1

Applicant : Sony Corporation
Kind of Equipment : Personal Entertainment Organizer
Model No. : PEG-TG50/U
Serial No. : PVT31
Power : DC5.2V (AC120V/60Hz)
Mode : Tx (2441MHz)
Remarks : FCC ID:AK8PEGTG50 IC Number:409B-PEGTG50
Date : 12/26/2002
Test Distance : 3 m
Temperature : 22 °C
Humidity : 30 %
Regulation : FCC § 15.247(C)


Engineer : Hiroka Umeyama



DATA OF RADIATION TEST

A-Pex International Co., Ltd.
No.2 SEMI ANECHOIC CHAMBER
Report No. : 23EE0036-H0-1

Applicant : Sony Corporation
Kind of Equipment : Personal Entertainment Organizer
Model No. : PEG-TG50/U
Serial No. : PVT31
Power : DC5.2V (AC120V/60Hz)
Mode : Tx (2480MHz)
Remarks : FCC ID:AK8PEGTG50 IC Number:409B-PEGTG50
Date : 12/26/2002
Test Distance : 3 m
Temperature : 22 °C
Humidity : 30 %
Regulation : FCC § 15.247(C)


Engineer : Hiroka Umeyama

No.	FREQ. [MHz]	ANT TYPE	READING		ANT FACTOR [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	ATTEN. [dB]	RESULT		LIMITS [dB μV/m]	MARGIN	
			HOR [dB μV]	VER [dB μV]					HOR [dB μV/m]	VER [dB μV/m]		HOR [dB]	VER [dB]
1.	31.23	BB	28.6	32.9	18.4	27.5	0.7	5.8	26.0	30.3	40.0	14.0	9.7
2.	80.00	BB	45.0	45.0	7.9	27.1	1.0	5.8	32.6	32.6	40.0	7.4	7.4
3.	140.30	BB	25.5	26.9	15.1	26.5	1.3	5.8	21.2	22.6	43.5	22.3	20.9
4.	199.42	BB	31.6	30.7	17.4	26.1	1.7	5.8	30.4	29.5	43.5	13.1	14.0
5.	299.07	BB	34.7	29.5	19.6	26.2	2.0	5.7	35.8	30.6	46.0	10.2	15.4
6.	364.00	BB	35.2	29.8	16.3	26.7	2.3	5.7	32.8	27.4	46.0	13.2	18.6
7.	498.46	BB	34.9	34.4	18.5	27.6	2.6	5.8	34.2	33.7	46.0	11.8	12.3

CALCULATION: $\text{READING}[\text{dB } \mu\text{V}] + \text{ANT. FACTOR}[\text{dB/m}] + \text{CABLE LOSS}[\text{dB}] - \text{AMP. GAIN}[\text{dB}] + \text{ATTEN}[\text{dB}]$.

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

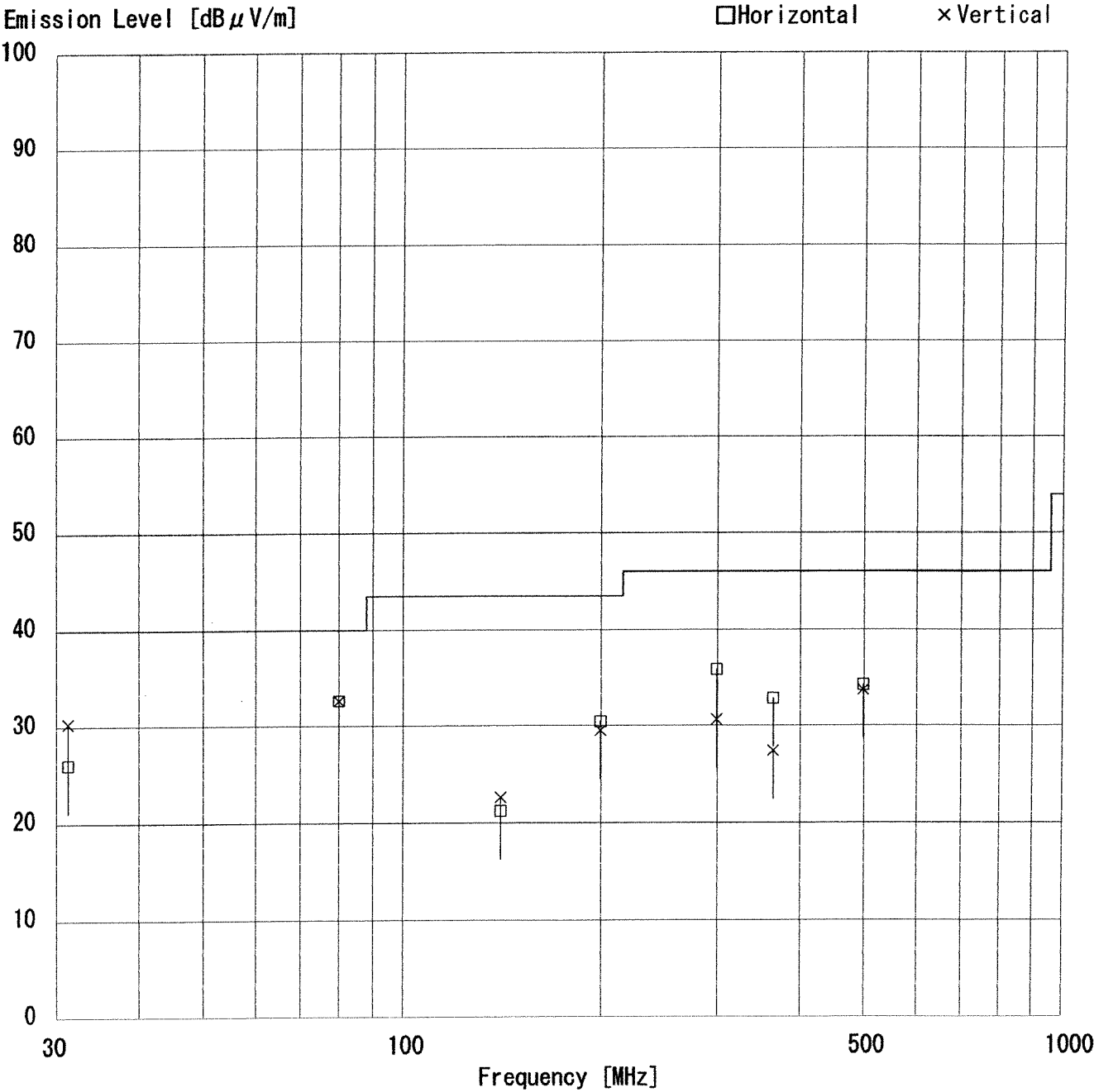
ANT.TYPE : 30-300MHz Biconical, 300-1000MHz Logperiodic, 1000MHz- Horn

DATA OF RADIATION TEST

A-Pex International Co., Ltd.
No.2 SEMI ANECHOIC CHAMBER
Report No. : 23EE0036-H0 - 1

Applicant : Sony Corporation
Kind of Equipment : Personal Entertainment Organizer
Model No. : PEG-TG50/U
Serial No. : PVT31
Power : DC5. 2V (AC120V/60Hz)
Mode : Tx (2480MHz)
Remarks : FCC ID:AK8PEGTG50 IC Number:409B-PEGTG50
Date : 12/26/2002
Test Distance : 3 m
Temperature : 22 °C
Humidity : 30 %
Regulation : FCC § 15. 247 (C)

S. Hiroka Umeyama
Engineer : Hiroka Umeyama



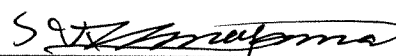
DATA OF SPURIOUS EMISSIONS(1GHz to 26GHz)

A-Pex International Co., Ltd.

EMC HEAD OFFICE DIVISION No.2 SEMI ANECHOIC CHAMBER

COMPANY : Sony Corporation
EQUIPMENT : Personal Entertainment Organizer
MODEL : PEG-TG50/U
S/ N : PVT31
FCC ID : AK8PEGTG50
IC Number : 409B-PEGTG50
POWER : DC5.2V(AC120V/60Hz)
MODE : Tx(2402MHz)

REPORT NO : 23EE0036-HO = 1
REGULATION : Fcc Part15 Subpart C 15.247(c)
TEST DISTANCE : 3 and 1 m
DATE : 12/27/2002
TEMPERATURE : 19°C
HUMIDITY : 31%


Engineer : Hiroka Umeyama

PK DETECT

No.	FREQ	T/R READING		ANT	AMP	CABLE	Band-Pass	RESULT		Limit	MARGIN	
	[MHz]	HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
		[dBuV/m]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass												
0	1201.0	45.8	45.4	25.1	37.3	3.3	0.0	36.9	36.5	74.0	37.1	37.5
1	4804.0	51.6	47.2	31.1	36.4	7.3	0.3	53.9	49.5	74.0	20.1	24.5
2	7206.0	42.7	43.0	35.3	36.5	9.1	0.0	50.6	50.9	74.0	23.4	23.1
3	9608.0	43.7	43.4	38.0	37.0	10.7	0.0	55.4	55.1	74.0	18.6	18.9
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass - Dfac)												
4	12010.0	43.4	43.7	38.9	35.9	12.2	0.0	49.1	49.4	74.0	24.9	24.6
5	14412.0	42.7	43.4	40.6	35.8	13.3	0.0	51.3	52.0	74.0	22.7	22.0
6	16814.0	43.0	43.1	39.3	37.2	13.5	0.0	49.1	49.2	74.0	24.9	24.8
7	19216.0	43.2	42.9	40.9	35.8	15.0	0.0	53.8	53.5	74.0	20.2	20.5
8	21618.0	43.3	43.1	40.3	37.0	17.5	0.0	54.6	54.4	74.0	19.4	19.6
9	24020.0	43.7	43.7	39.8	35.5	16.9	0.0	55.4	55.4	74.0	18.6	18.6

AV DETECT

No.	FREQ	T/R READING		ANT	AMP	CABLE	Band-Pass	RESULT		Limit	MARGIN	
	[MHz]	HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
		[dBuV/m]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass												
0	1201.0	32.7	31.9	25.1	37.3	3.3	0.0	23.8	23.0	54.0	30.2	31.0
1	4804.0	43.9	39.8	31.1	36.4	7.3	0.3	46.2	42.1	54.0	7.8	11.9
2	7206.0	30.0	30.0	35.3	36.5	9.1	0.0	37.9	37.9	54.0	16.1	16.1
3	9608.0	30.6	30.6	38.0	37.0	10.7	0.0	42.3	42.3	54.0	11.7	11.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass - Dfac)												
4	12010.0	30.3	30.4	38.9	35.9	12.2	0.0	36.0	36.1	54.0	18.0	17.9
5	14412.0	29.6	29.6	40.6	35.8	13.3	0.0	38.2	38.2	54.0	15.8	15.8
6	16814.0	29.7	29.7	39.3	37.2	13.5	0.0	35.8	35.8	54.0	18.2	18.2
7	19216.0	29.8	29.8	40.9	35.8	15.0	0.0	40.4	40.4	54.0	13.6	13.6
8	21618.0	30.7	30.6	40.3	37.0	17.5	0.0	42.0	41.9	54.0	12.0	12.1
9	24020.0	30.7	30.7	39.8	35.5	16.9	0.0	42.4	42.4	54.0	11.6	11.6

Test Distance 1.0m : Distance Factor(Dfac) = $20\log(3/1.0) = 9.5 \text{ dB}$

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

DATA OF SPURIOUS EMISSIONS(1GHz to 26GHz)

A-Pex International Co., Ltd.

EMC HEAD OFFICE DIVISION No.2 SEMI ANECHOIC CHAMBER

COMPANY : Sony Corporation
EQUIPMENT : Personal Entertainment Organizer
MODEL : PEG-TG50/U
S/N : PVT31
FCC ID : AK8PEGTG50
IC Number : 409B-PEGTG50
POWER : DC5.2V(AC120V/60Hz)
MODE : Tx(2441MHz)

REPORT NO : 23EE0036-HO- I
REGULATION : Fcc Part15 Subpart C 15.247(c)
TEST DISTANCE : 3 and 1 m
DATE : 12/27/2002
TEMPERATURE : 19°C
HUMIDITY : 31%


Engineer : Hiroka Umeyama

PK DETECT

No.	FREQ [MHz]	T/R READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV/m]	[dBuV/m]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass												
0	1185.0	44.5	45.0	25.1	37.3	3.4	0.0	35.7	36.2	74.0	38.3	37.8
1	4882.0	49.5	47.3	31.3	36.4	7.3	0.4	52.1	49.9	74.0	21.9	24.1
2	7323.0	43.7	43.1	35.5	36.6	9.1	0.0	51.7	51.1	74.0	22.3	22.9
3	9764.0	43.0	43.1	38.2	37.0	11.2	0.0	55.4	55.5	74.0	18.6	18.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass - Dfac)												
4	12205.0	43.1	43.4	38.8	36.0	12.2	0.0	48.6	48.9	74.0	25.4	25.1
5	14646.0	43.0	42.9	40.6	36.1	13.5	0.0	51.5	51.4	74.0	22.5	22.6
6	17087.0	42.3	42.8	39.6	37.0	13.5	0.0	48.9	49.4	74.0	25.1	24.6
7	19528.0	41.8	42.2	40.4	36.1	15.5	0.0	52.1	52.5	74.0	21.9	21.5
8	21969.0	45.0	44.0	40.5	36.7	18.4	0.0	57.7	56.7	74.0	16.3	17.3
9	24410.0	43.2	44.3	40.2	36.4	17.5	0.0	55.0	56.1	74.0	19.0	17.9

AV DETECT

No.	FREQ [MHz]	T/R READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV/m]	[dBuV/m]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass												
0	1220.5	31.3	31.3	25.1	37.3	3.4	0.0	22.5	22.5	54.0	31.5	31.5
1	4882.0	42.7	38.9	31.3	36.4	7.3	0.4	45.3	41.5	54.0	8.7	12.5
2	7323.0	30.1	30.1	35.5	36.6	9.1	0.0	38.1	38.1	54.0	15.9	15.9
3	9764.0	30.2	30.2	38.2	37.0	11.2	0.0	42.6	42.6	54.0	11.4	11.4
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass - Dfac)												
4	12205.0	30.1	30.1	38.8	36.0	12.2	0.0	35.6	35.6	54.0	18.4	18.4
5	14646.0	30.0	29.9	40.6	36.1	13.5	0.0	38.5	38.4	54.0	15.5	15.6
6	17087.0	29.3	29.3	39.6	37.0	13.5	0.0	35.9	35.9	54.0	18.1	18.1
7	19528.0	29.6	29.6	40.4	36.1	15.5	0.0	39.9	39.9	54.0	14.1	14.1
8	21969.0	31.8	31.8	40.5	36.7	18.4	0.0	44.5	44.5	54.0	9.5	9.5
9	24410.0	30.8	30.8	40.2	36.4	17.5	0.0	42.6	42.6	54.0	11.4	11.4

Test Distance 1.0m : Distance Factor(Dfac) = $20\log(3/1.0) = 9.5 \text{ dB}$

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

DATA OF SPURIOUS EMISSIONS(1GHz to 26GHz)

A-Pex International Co., Ltd.

EMC HEAD OFFICE DIVISION No.2 SEMI ANECHOIC CHAMBER

COMPANY : Sony Corporation
EQUIPMENT : Personal Entertainment Organizer
MODEL : PEG-TG50/U
S/ N : PVT31
FCC ID : AK8PEGTG50
IC Number : 409B-PEGTG50
POWER : DC5.2V(AC120V/60Hz)
MODE : Tx(2480MHz)

REPORT NO : 23EE0036-HO - 1
REGULATION : Fcc Part15 Subpart C 15.247(c)
TEST DISTANCE : 3 and 1 m
DATE : 12/27/2002
TEMPERATURE : 19℃
HUMIDITY : 31%


Engineer : Hiroka Umeyama

PK DETECT

No.	FREQ [MHz]	T/R READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV/m]						[dBuV/m]			[dB]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass												
0	1240.0	45.7	45.3	25.1	37.3	3.4	0.0	37.0	36.6	74.0	37.0	37.4
1	2483.6	52.7	51.0	27.7	36.7	5.2	0.0	48.9	47.2	74.0	25.1	26.8
2	4960.0	47.2	46.9	31.4	36.4	7.4	0.5	50.1	49.8	74.0	23.9	24.2
3	7440.0	43.2	43.7	35.6	36.7	9.1	0.0	51.2	51.7	74.0	22.8	22.3
4	9920.0	43.7	43.2	38.3	37.1	10.9	0.0	55.8	55.3	74.0	18.2	18.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass - Dfac)												
5	12400.0	43.1	43.4	38.8	36.0	12.3	0.0	48.7	49.0	74.0	25.3	25.0
6	14880.0	42.7	43.1	40.5	36.4	13.7	0.0	51.0	51.4	74.0	23.0	22.6
7	17360.0	42.5	42.5	40.4	36.6	13.8	0.0	50.6	50.6	74.0	23.4	23.4
8	19840.0	41.8	42.2	40.7	36.3	16.0	0.0	52.7	53.1	74.0	21.3	20.9
9	22320.0	44.5	44.7	40.7	36.7	17.8	0.0	56.8	57.0	74.0	17.2	17.0
10	24800.0	43.5	43.8	40.2	36.5	18.1	0.0	55.8	56.1	74.0	18.2	17.9

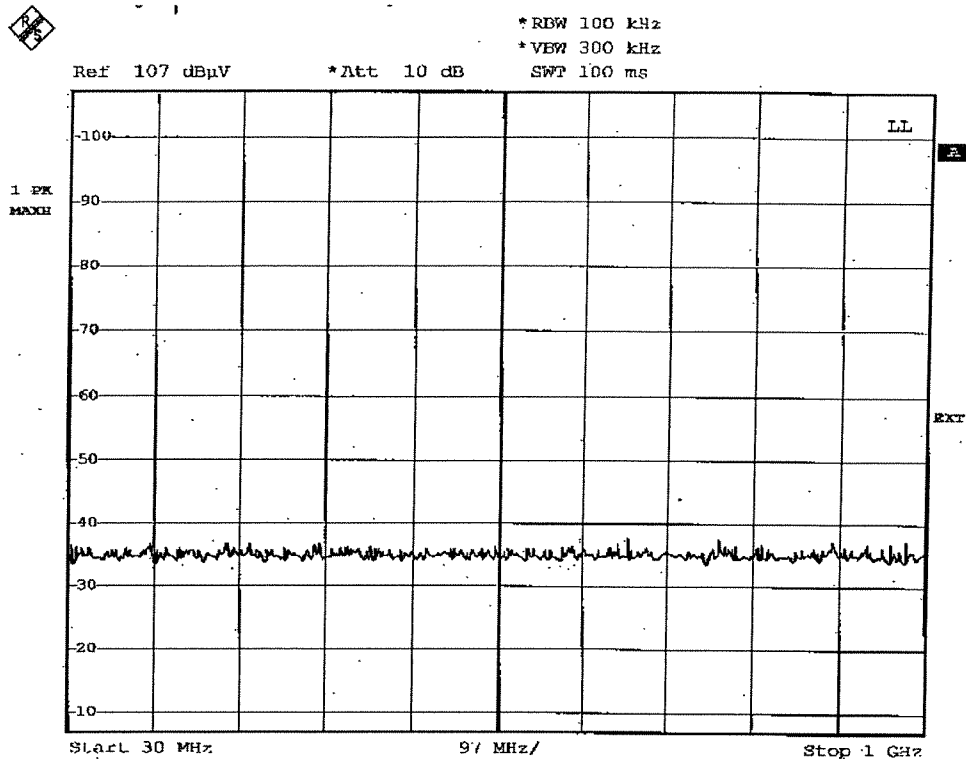
AV DETECT

No.	FREQ [MHz]	T/R READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
		[dBuV/m]						[dBuV/m]			[dB]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass												
0	1240.0	32.3	32.1	25.1	37.3	3.4	0.0	23.6	23.4	54.0	30.4	30.6
1	2483.6	37.6	38.9	27.7	36.7	5.2	0.0	33.8	35.1	54.0	20.2	18.9
2	4960.0	38.2	38.3	31.4	36.4	7.4	0.5	41.1	41.2	54.0	12.9	12.8
3	7440.0	30.3	30.4	35.6	36.7	9.1	0.0	38.3	38.4	54.0	15.7	15.6
4	9920.0	30.4	30.3	38.3	37.1	10.9	0.0	42.5	42.4	54.0	11.5	11.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + CABLE LOSS + Band Pass - Dfac)												
5	12400.0	30.6	30.6	38.8	36.0	12.3	0.0	36.2	36.2	54.0	17.8	17.8
6	14880.0	29.6	30.1	40.5	36.4	13.7	0.0	37.9	38.4	54.0	16.1	15.6
7	17360.0	29.5	29.6	40.4	36.6	13.8	0.0	37.6	37.7	54.0	16.4	16.3
8	19840.0	29.5	29.3	40.7	36.3	16.0	0.0	40.4	40.2	54.0	13.6	13.8
9	22320.0	31.8	31.9	40.7	36.7	17.8	0.0	44.1	44.2	54.0	9.9	9.8
10	24800.0	31.8	31.3	40.2	36.5	18.1	0.0	44.1	43.6	54.0	9.9	10.4

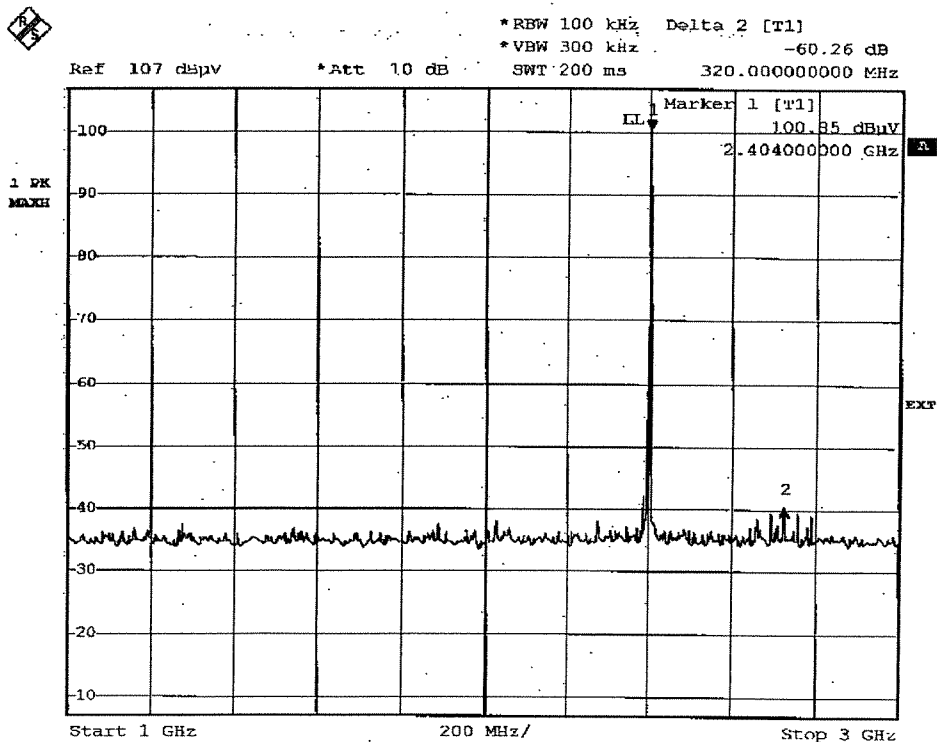
Test Distance 1.0m : Distance Factor(Dfac) = $20\log(3/1.0)$ 9.5 dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

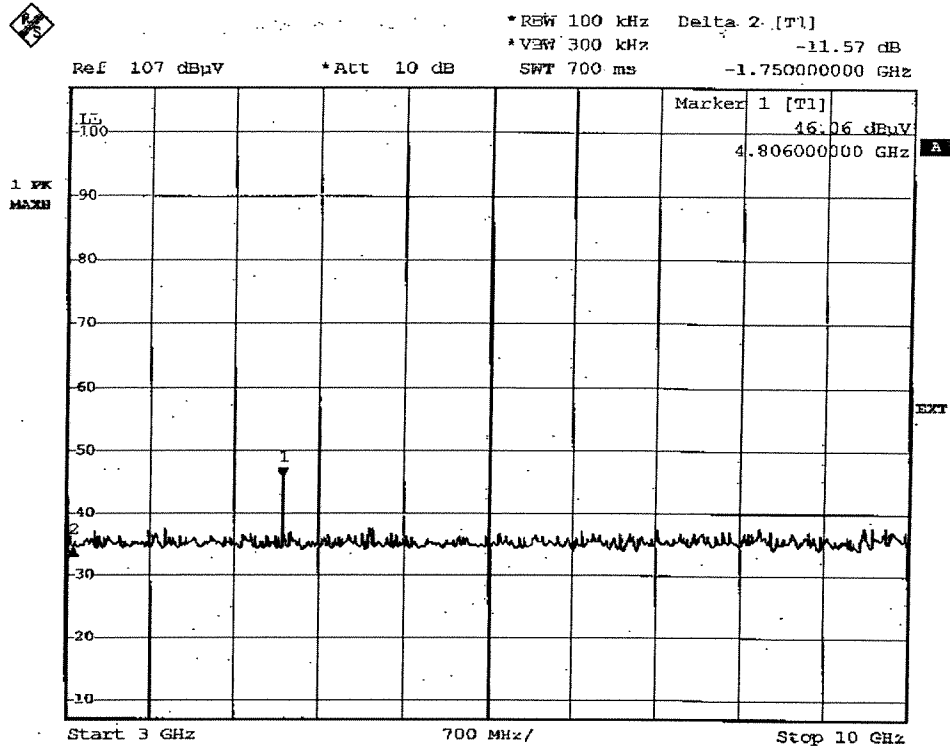
Spurious Emission(Conducted) :Tx(2402MHz)



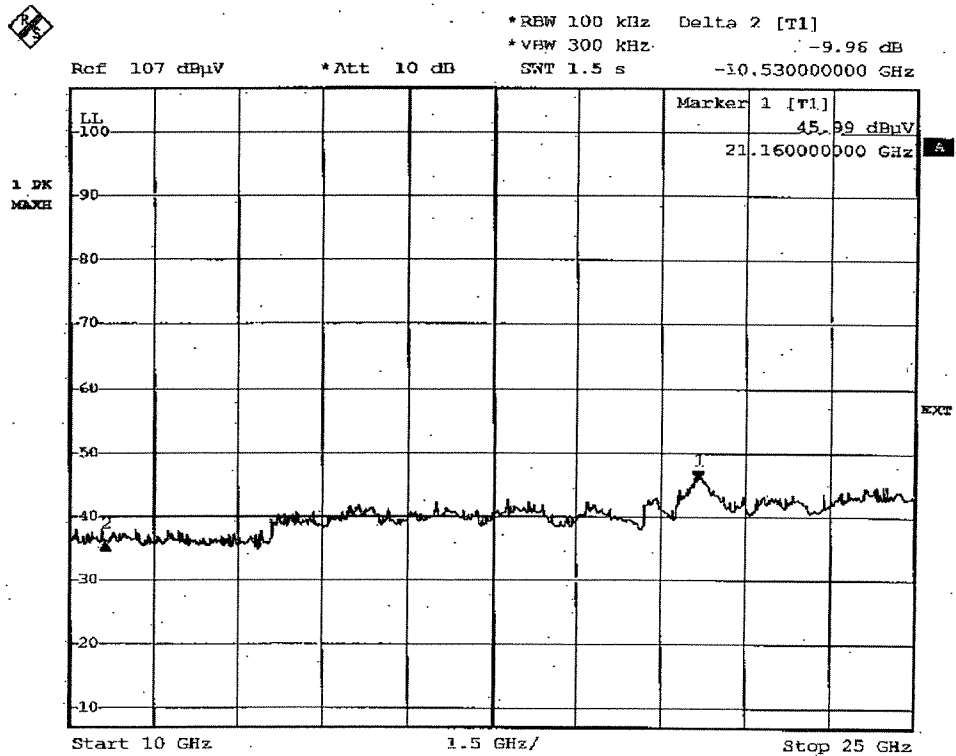
Spurious Emission(Conducted) :Tx(2402MHz)



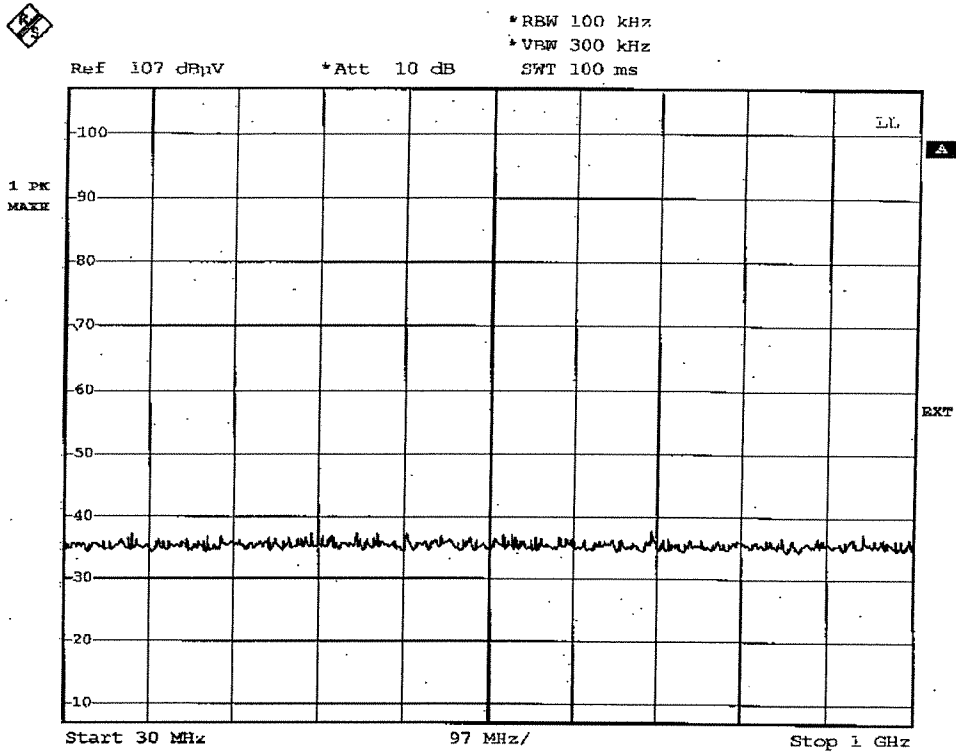
Spurious Emission(Conducted) :Tx(2402MHz)



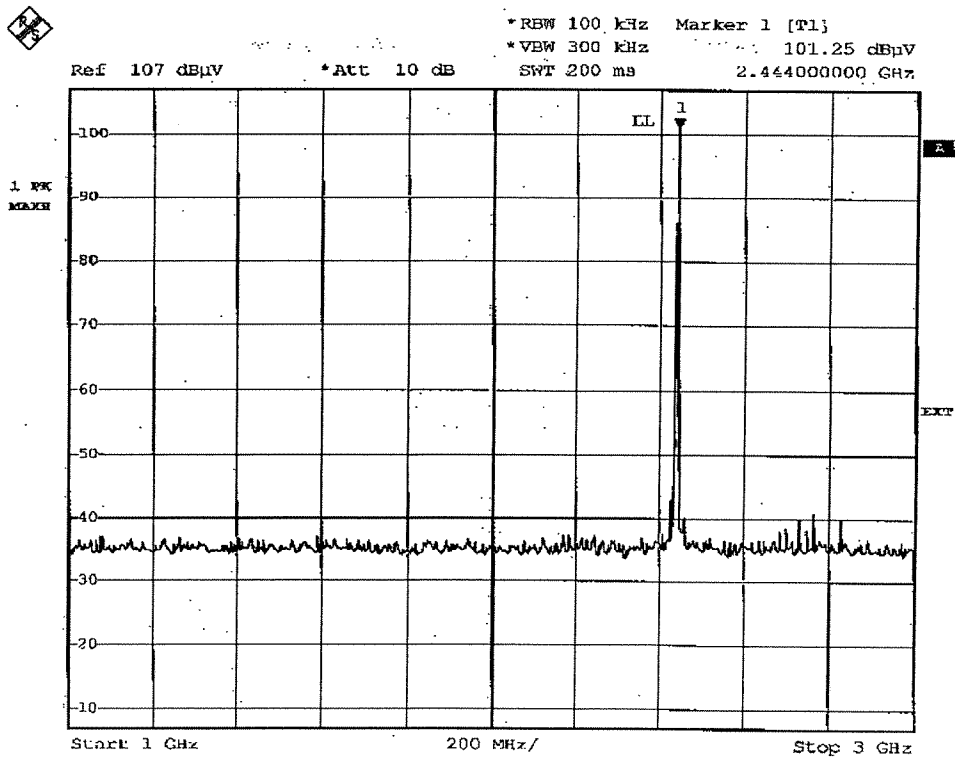
Spurious Emission(Conducted) :Tx(2402MHz)



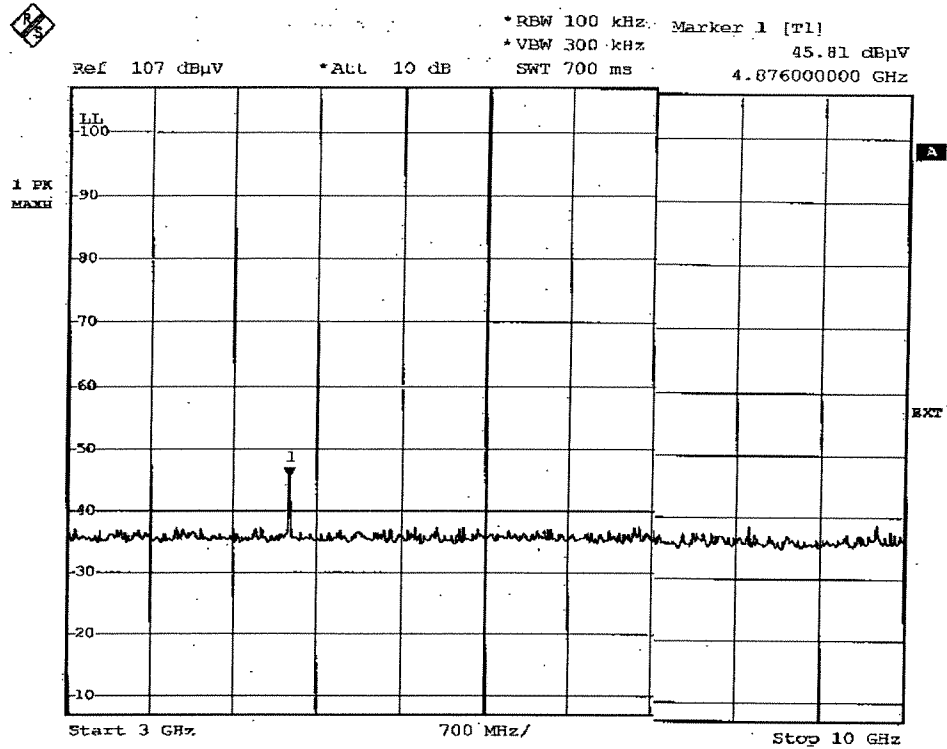
Spurious Emission(Conducted) :Tx(2441MHz)



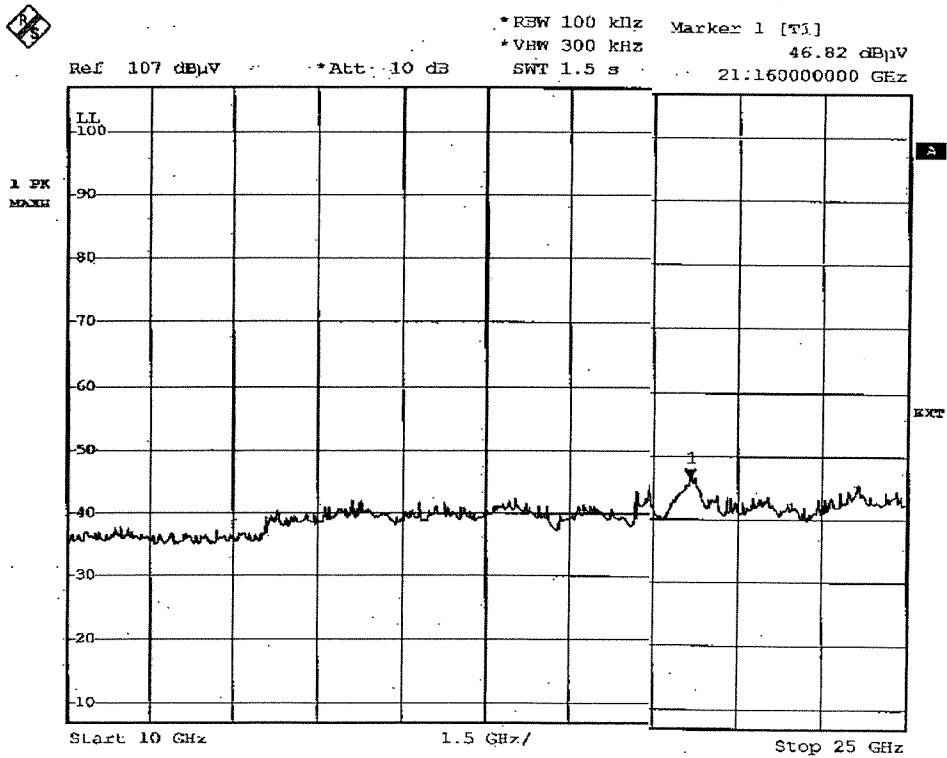
Spurious Emission(Conducted) :Tx(2441MHz)



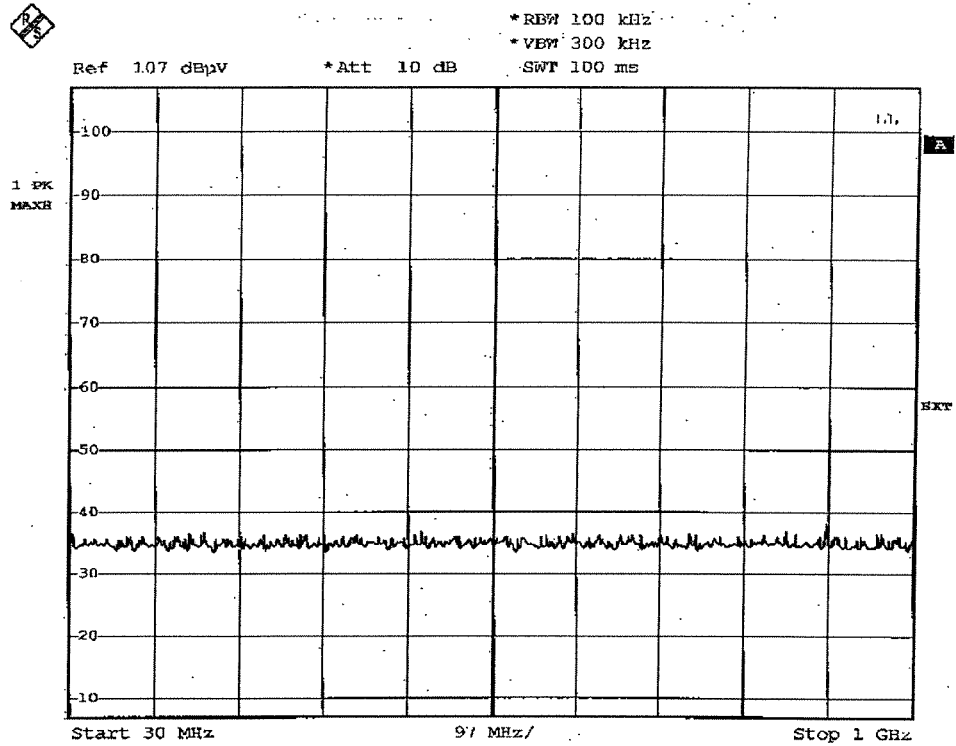
Spurious Emission(Conducted) :Tx(2441MHz)



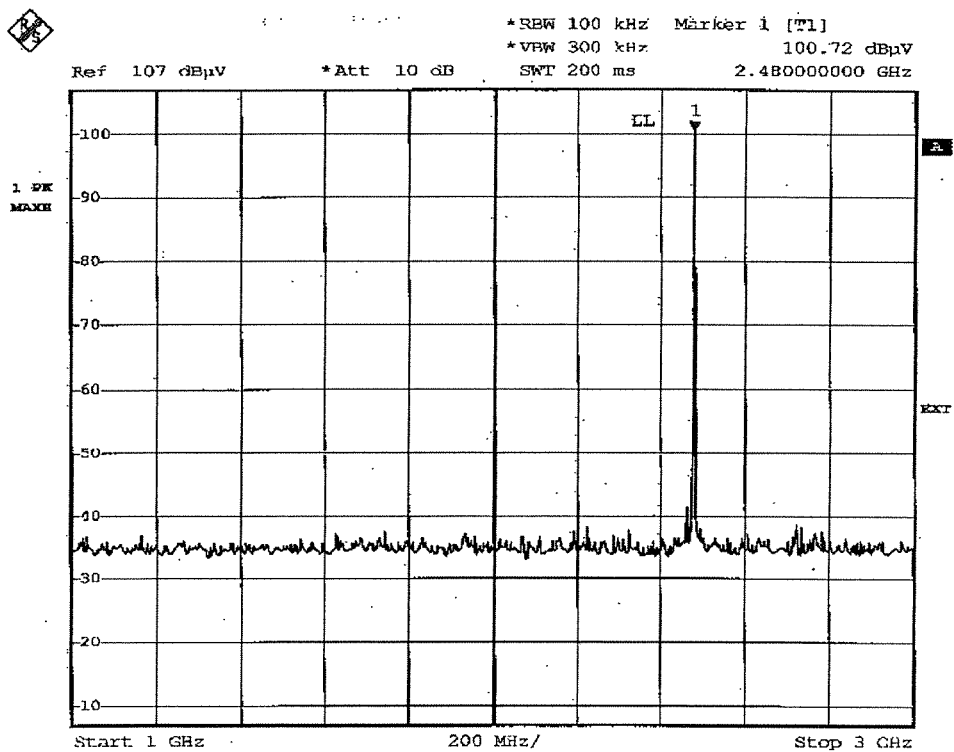
Spurious Emission(Conducted) :Tx(2441MHz)



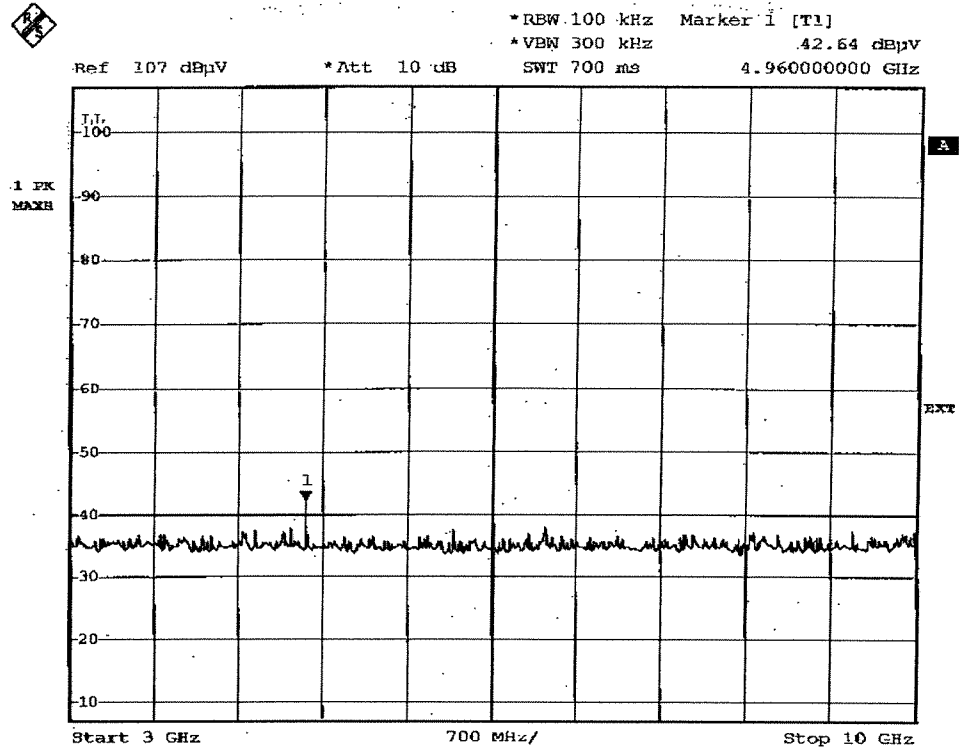
Spurious Emission(Conducted) :Tx(2480MHz)



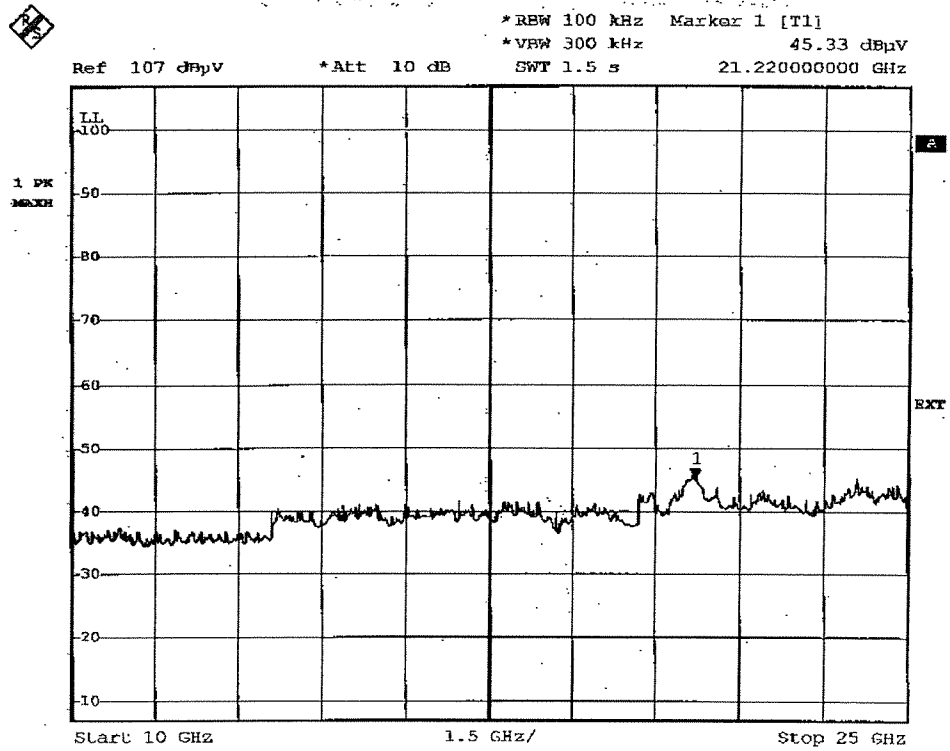
Spurious Emission(Conducted) :Tx(2480MHz)



Spurious Emission(Conducted) :Tx(2480MHz)



Spurious Emission(Conducted) :Tx(2480MHz)



Test Report No : 23EE0036-HO-1

APPENDIX 3 Test Instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MTR-01	Test Receiver	Rohde & Schwarz	ESI40	RE	2002/11/01 * 12
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE / CE	2002/04/12 * 12
MAT-07	Attenuator(6dB)	Weinschel Corp	2	RE	2001/12/27 * 12
MBA-03	Biconical Antenna	Schwarzbeck	BBA9106	RE	2002/05/02 * 12
MCC-12	Coaxial Cable	Fujikura/Agilent	MCC-12-01(8D-2W-15m) MCC-12-02(5D-2W-0.7m) MCC-12-05(RF SW) MCC-12-03(5D-2W-0.8m) MCC-12-06(RF SW) MCC-12-04(5D-2W-1m)	RE	2002/05/09 * 12
MLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2002/05/02 * 12
MPA-04	Pre Amplifier	Agilent	8447D	RE	2002/03/13 * 12
MRENT-02	Spectrum Analyzer	Advantest	R3265	RE/CE	2002/12/24 * 12
MTR-02	Test Receiver	Rohde & Schwarz	ESCS30	RE/CE	2002/10/11 * 12
MBTR10	Spectrum Analyzer; Spectrum Analyzer	Rohde & Schwarz; Rohde & Schwarz	FSP30; FSP30	RE	
MCC-05	Microwave Cable	Storm	421-011	RE	2002/01/14 * 12
MBF-01	SHF Bandpass Filter	M-City	5GHz BPF	RE	2002/04/30 * 12
MHA-05	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2002/01/13 * 12
MPA-01	Pre Amplifier	Agilent	8449B	RE	2002/02/09 * 12
MHA-01	Horn Antenna	EMCO	3160-09	RE	2002/01/13 * 12
MCC-13	Coaxial Cable	Fujikura/Agilent	MCC-13-01(3D-2W-5m) MCC-13-02(3D-2W-7m) MCC-13-03(5D-2W-5m) MCC-12-05(RF SW) MCC-12-03(5D-2W-0.8m) MCC-12-06(RF SW) MCC-13-04(5D-2W-1m)	CE	2002/05/09 * 12
MLS-06	LISN	Schwarzbeck	NSLK8127	CE(EUT)	2002/03/19 * 12
MCC-06	Microwave Cable	Storm	421-011	RE	2002/01/14 * 12
MCC-11	Microwave coaxial cable	Suhner	SUCOFLEX 104	RE	2002/03/27 * 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,