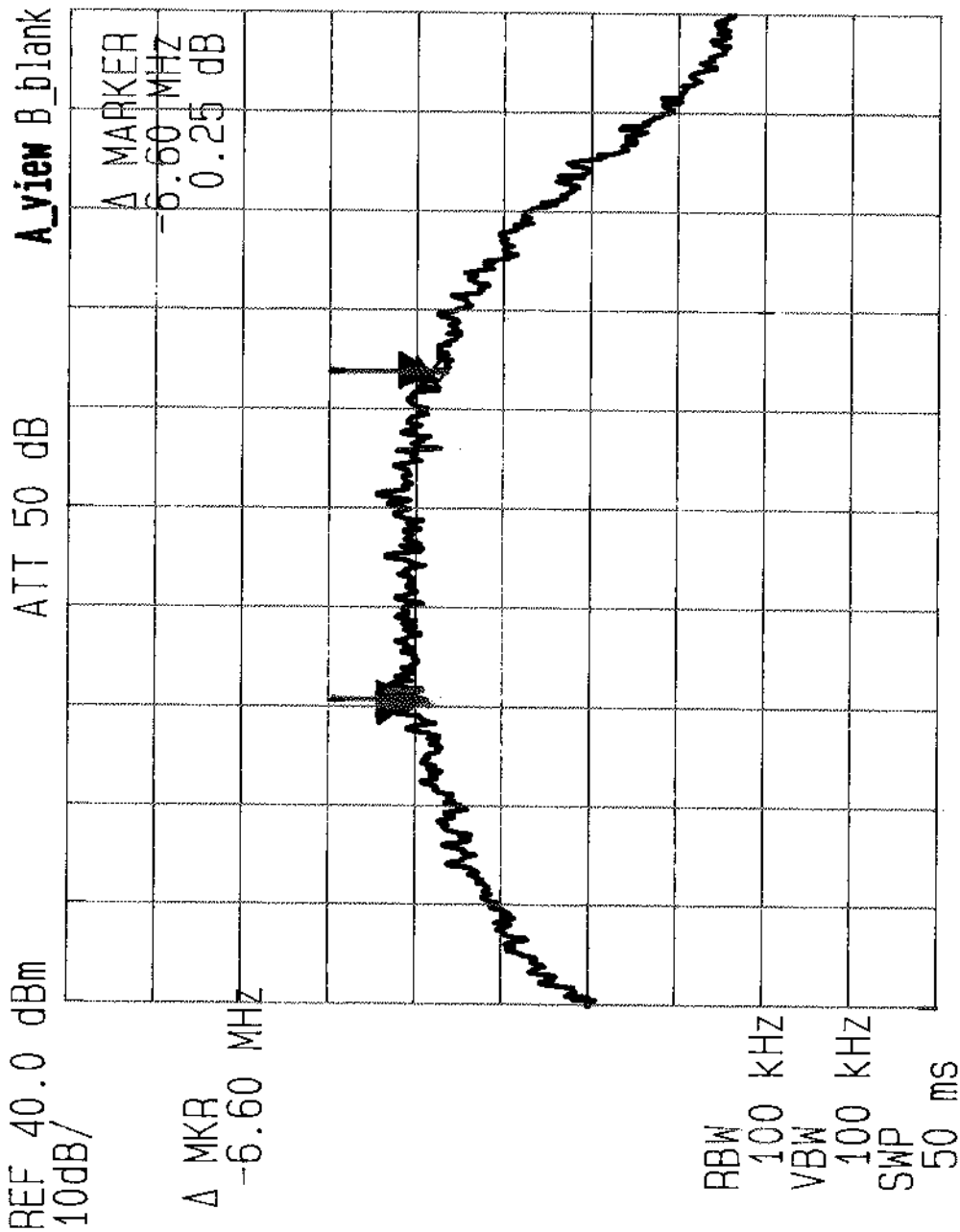


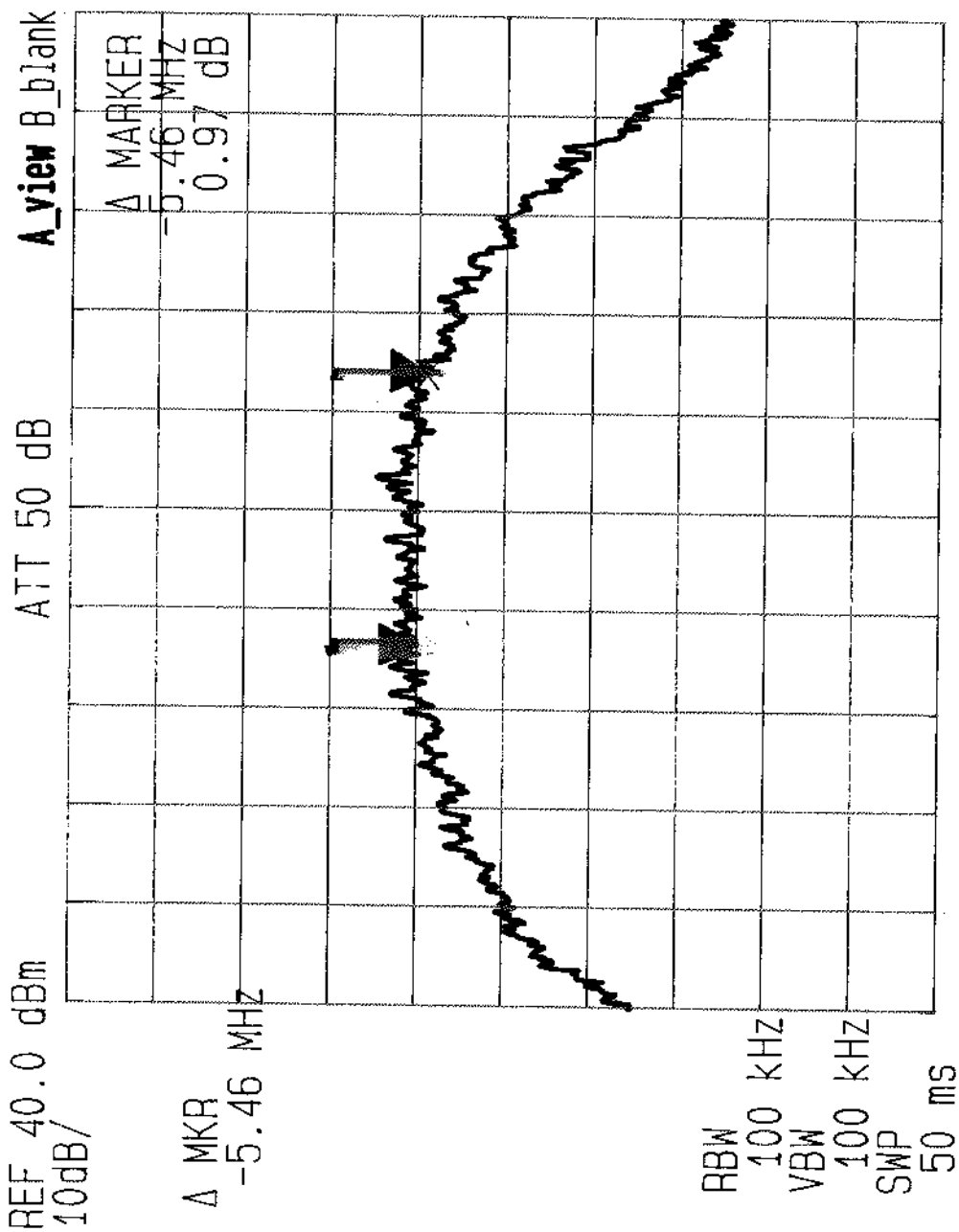
BANDWIDTH

FCC ID:AK8ERA-201D1



BANDWIDTH

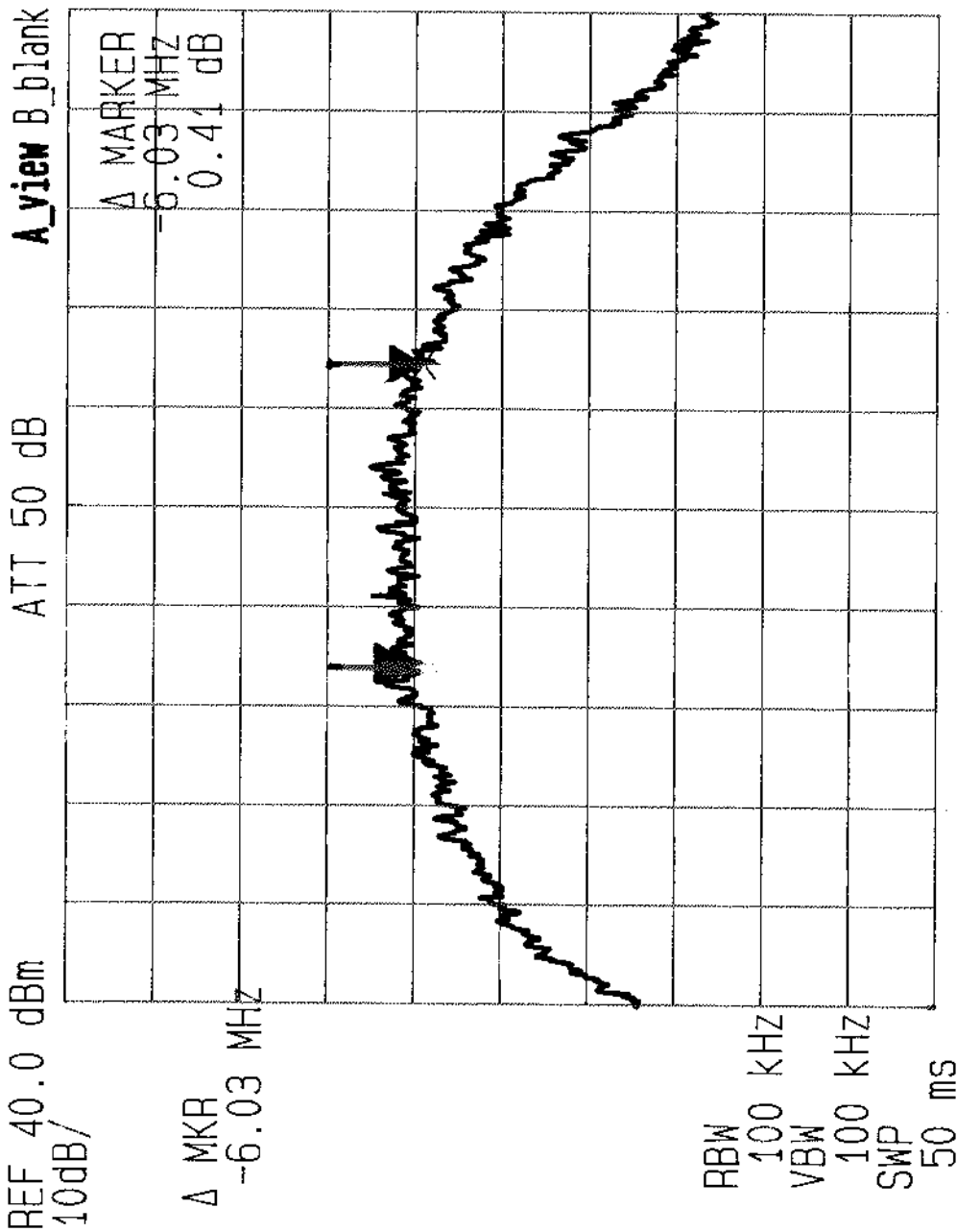
FCC ID:AK8ERA-201D1



START 2.42807 GHz CH 6 STOP 2.44807 GHz

BANDWIDTH

FCC ID:AK8ERA-201D1



CENTER 2.46293 GHz CH 11 SPAN 20.00 MHz

MAXIMUM PEAK OUT PUT POWER (RADIATED)

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

COMPANY : Sony Corporation
TRADE NAME : SONY
EQUIPMENT : Wireless LAN Card
MODEL : ERA-201D1
POWER : DC3.3V
Mode : Ch1(Low)/Ch6(Mid)/Ch11(High)
Remarks : S/A (RBW=1MHz,VBW=1MHz)
DATE : 2000/ 9/21

REPORT NO : 21AE0018YW-1
REGULATION : FCC15.247(b)
TEST DISTANCE : 3m
ATTENUATOR : NONE
FCC ID : AK8ERA-201D1

ENGINEER : Naoki.Sakamoto

Ch No.	FREQ [GHz]	S/A READING		ANT Factor [dB]	AMP Gain [dB]	Cable Loss [dB]	E		LIMIT [mW]	RESULT	
		HOR [dB/μV]	VER [dB/μV]				HOR [dB/μV]	VER [dB/μV]		HOR [mW]	VER [mW]
1	2.413	106.2	104.5	28.8	34.3	5.2	105.9	104.2	1000.0	11.8	8.0
6	2.4370	105.3	104.3	28.7	34.3	5.2	104.9	103.9	1000.0	9.3	7.4
11	2.4610	104.1	104.0	28.7	34.3	5.2	103.7	103.6	1000.0	7.0	6.9

SAMPLE CALCULATION :

E= S/A Reading + ANT Factor - AMP Gain + Cable Loss

RESULT = (E * d)Squared / 30G

E : Converted to V/m

d : Test distance (3m)

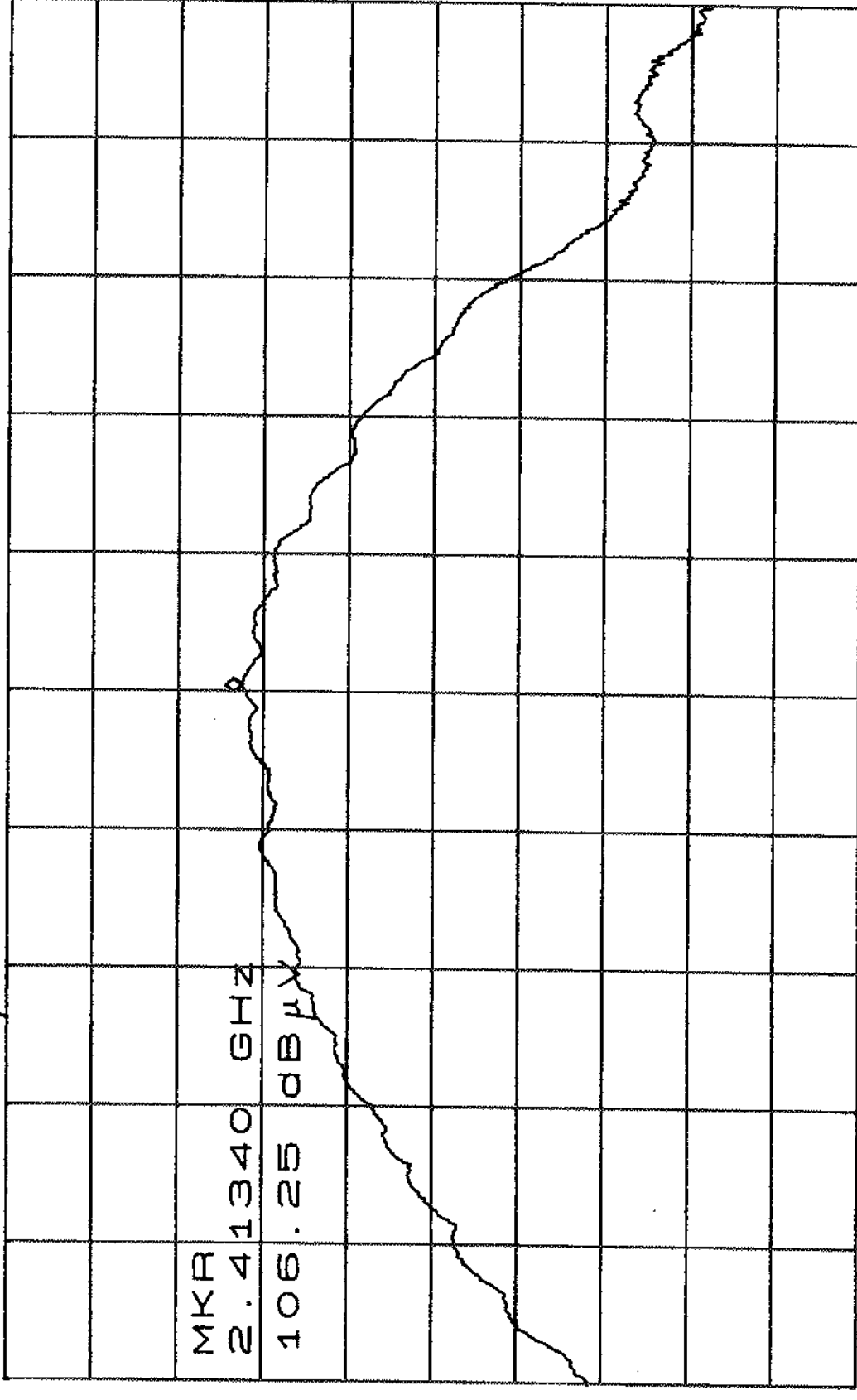
G : Antenna gaine (1)

PEAK OUTPUT POWER

ATTN 30dB

MKR 106.25dB μ V

PL 120.0dB μ V 5dB/ 2.41340GHz



CENTER 2.41333GHz

SPAN 20.00MHz

*RBW 1.0MHz

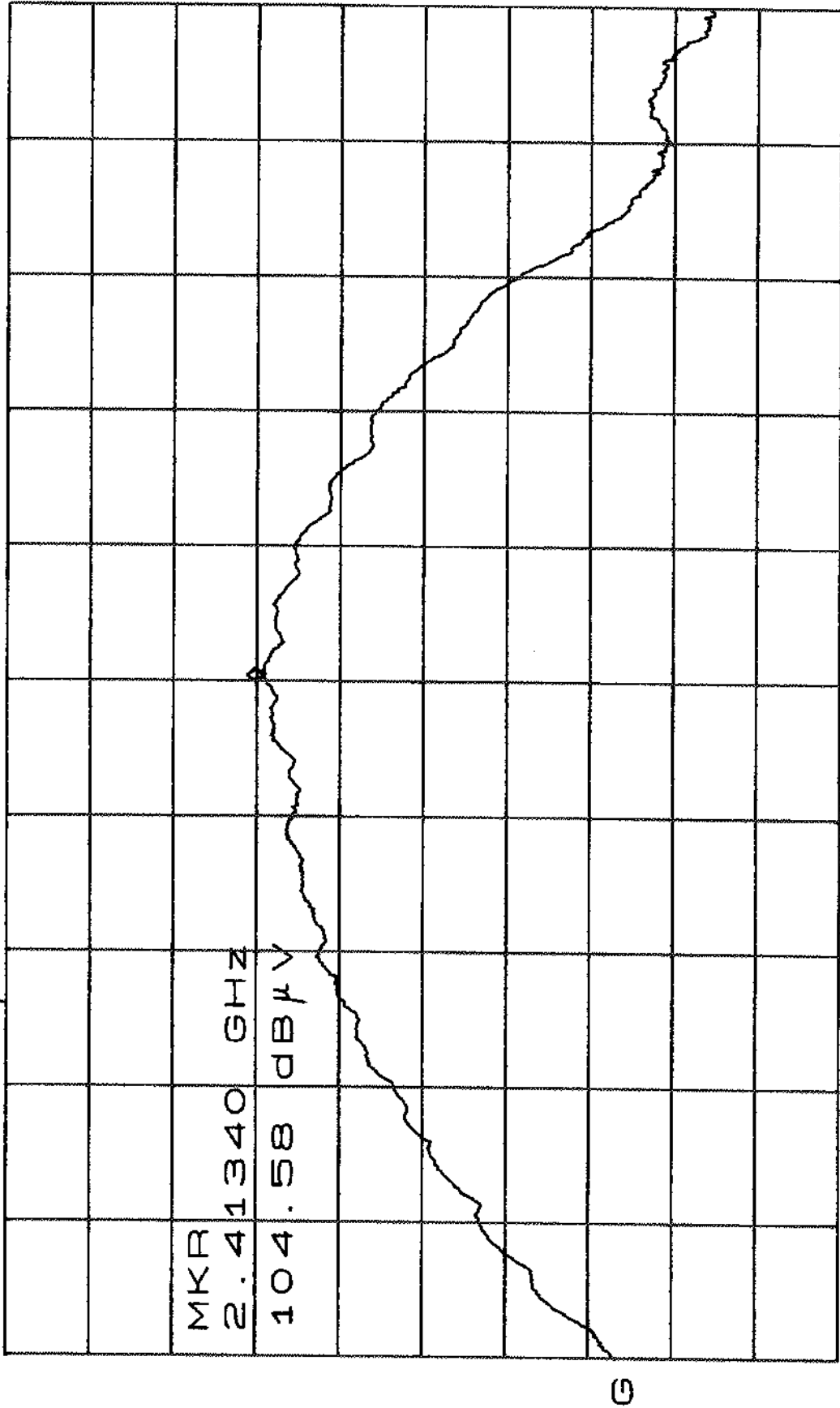
*VBW 1.0MHz

SWP 50ms

HOR CH.1 A5

PEAK OUTPUT POWER

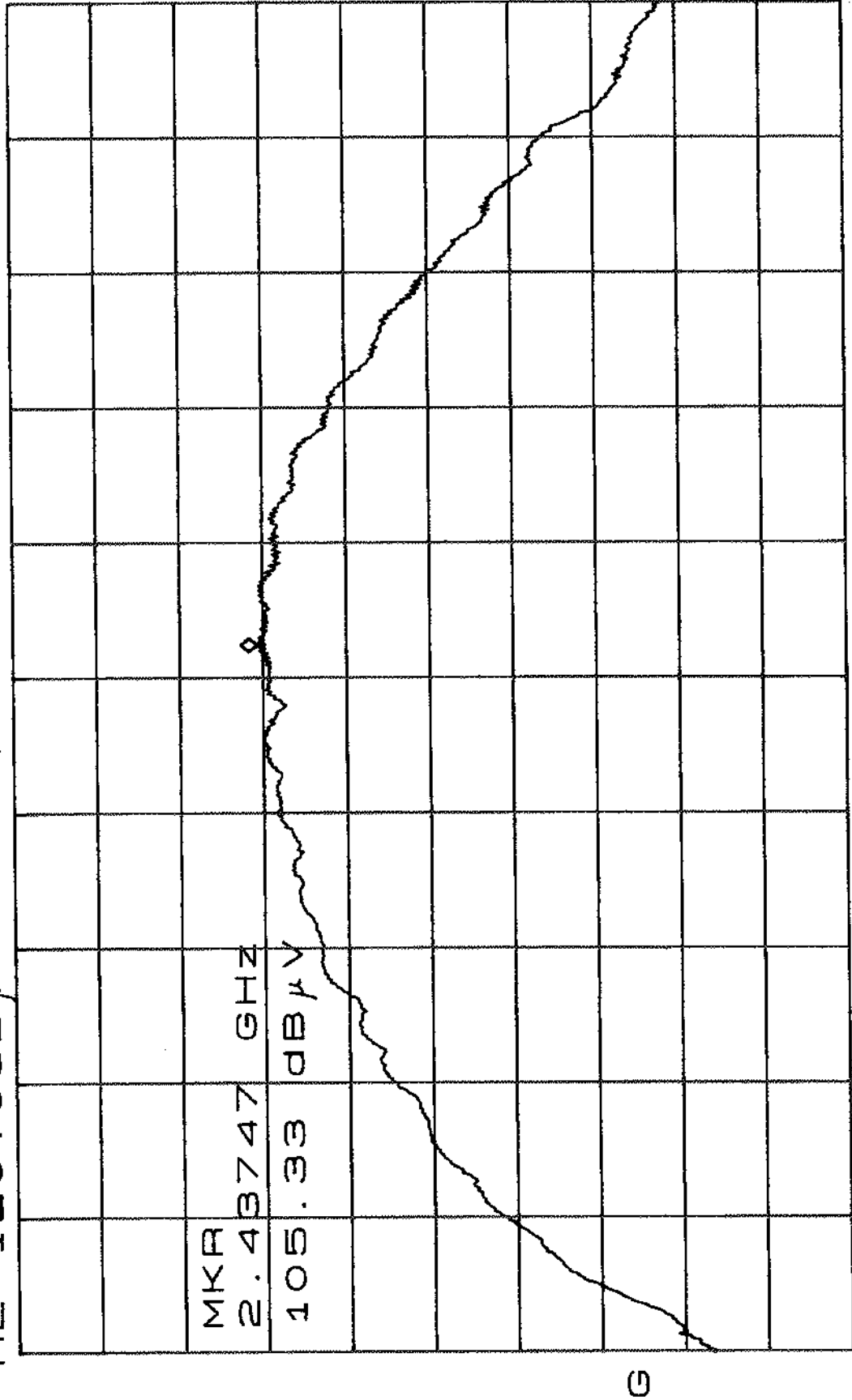
ATTEN 30dB MKR 104.58dBμV
RL 120.0dBμV 5dB/ 2.41340GHZ



CENTER 2.41333GHZ SPAN 20.00MHZ
*RBW 1.0MHZ *VBW 1.0MHZ
VER CH. 1 A6

PEAK OUTPUT POWER

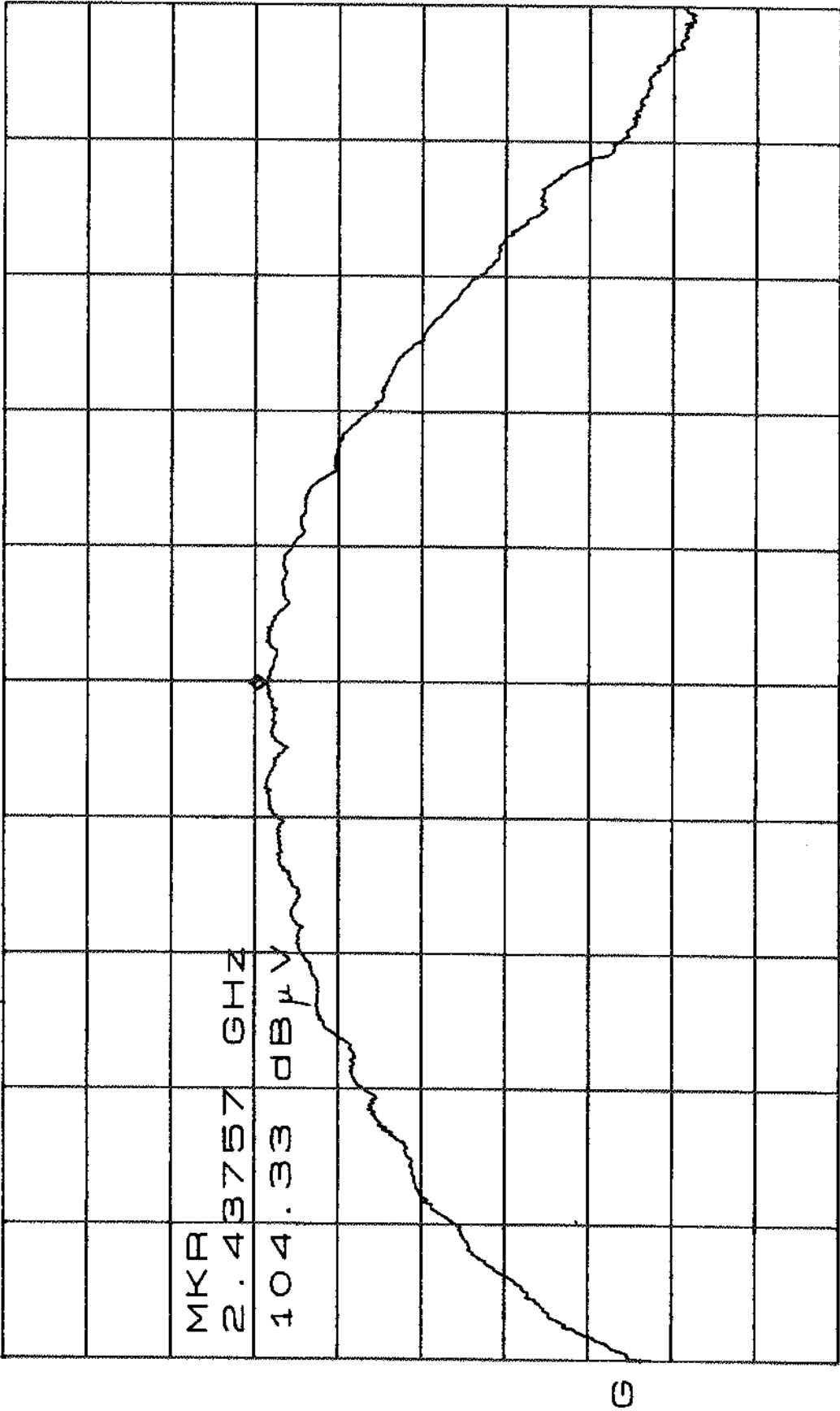
ATTEEN 30dB MKR 105.33dB μ V
RL 120.0dB μ V 5dB/ 2.43747GHZ



CENTER 2.43700GHZ SPAN 20.00MHZ
*RBW 1.0MHZ *VBW 1.0MHZ SWP 50ms
HOR CH. 6 A7

PEAK OUTPUT POWER

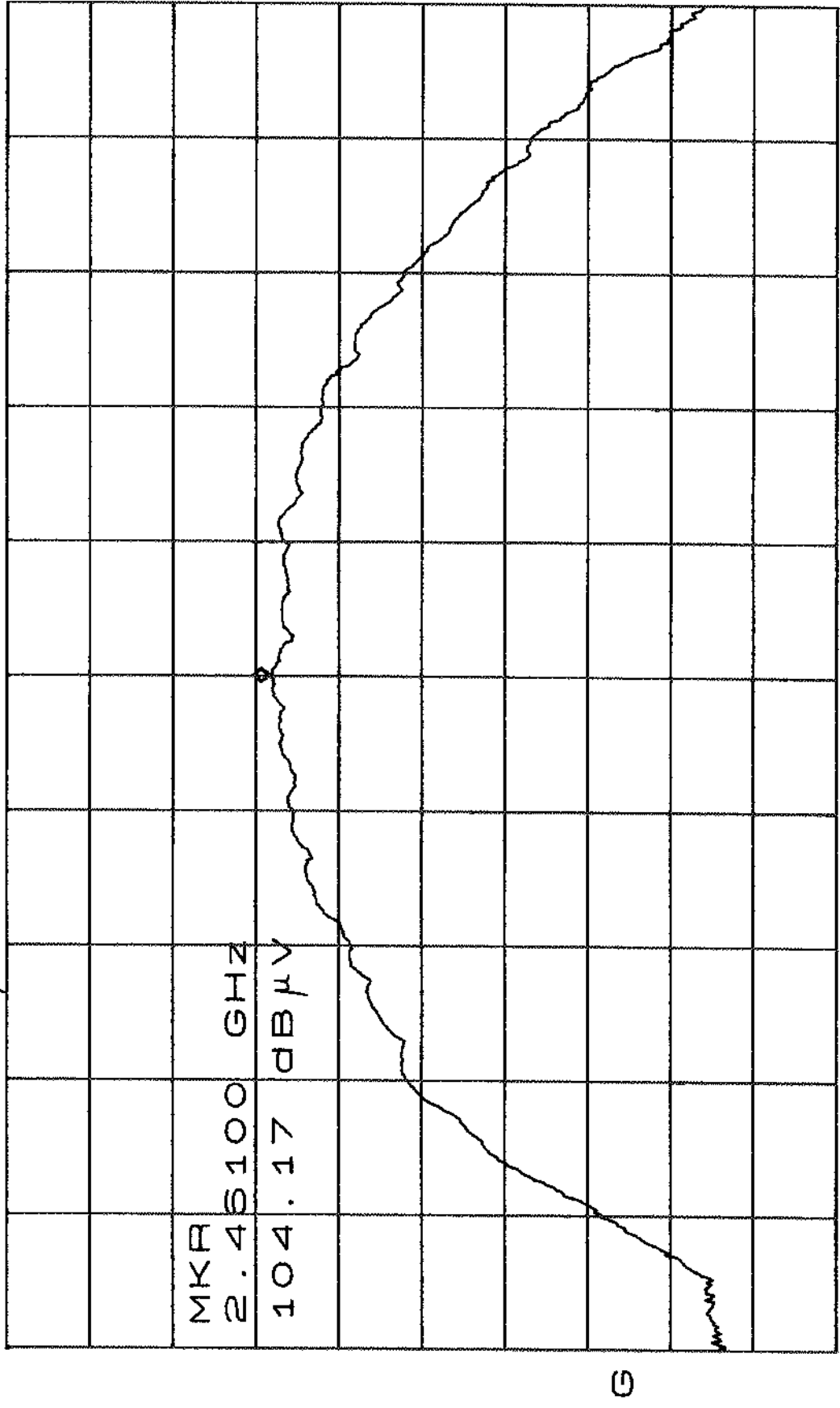
ATTEN 30dB MKR 104.33dB μ V
RL 120.0dB μ V 5dB / 2.43757GHz



CENTER 2.43757GHz SPAN 20.00MHz
*RBW 1.0MHz *VBW 1.0MHz SWP 50ms
VER CH. 6 A8

PEAK OUTPUT POWER

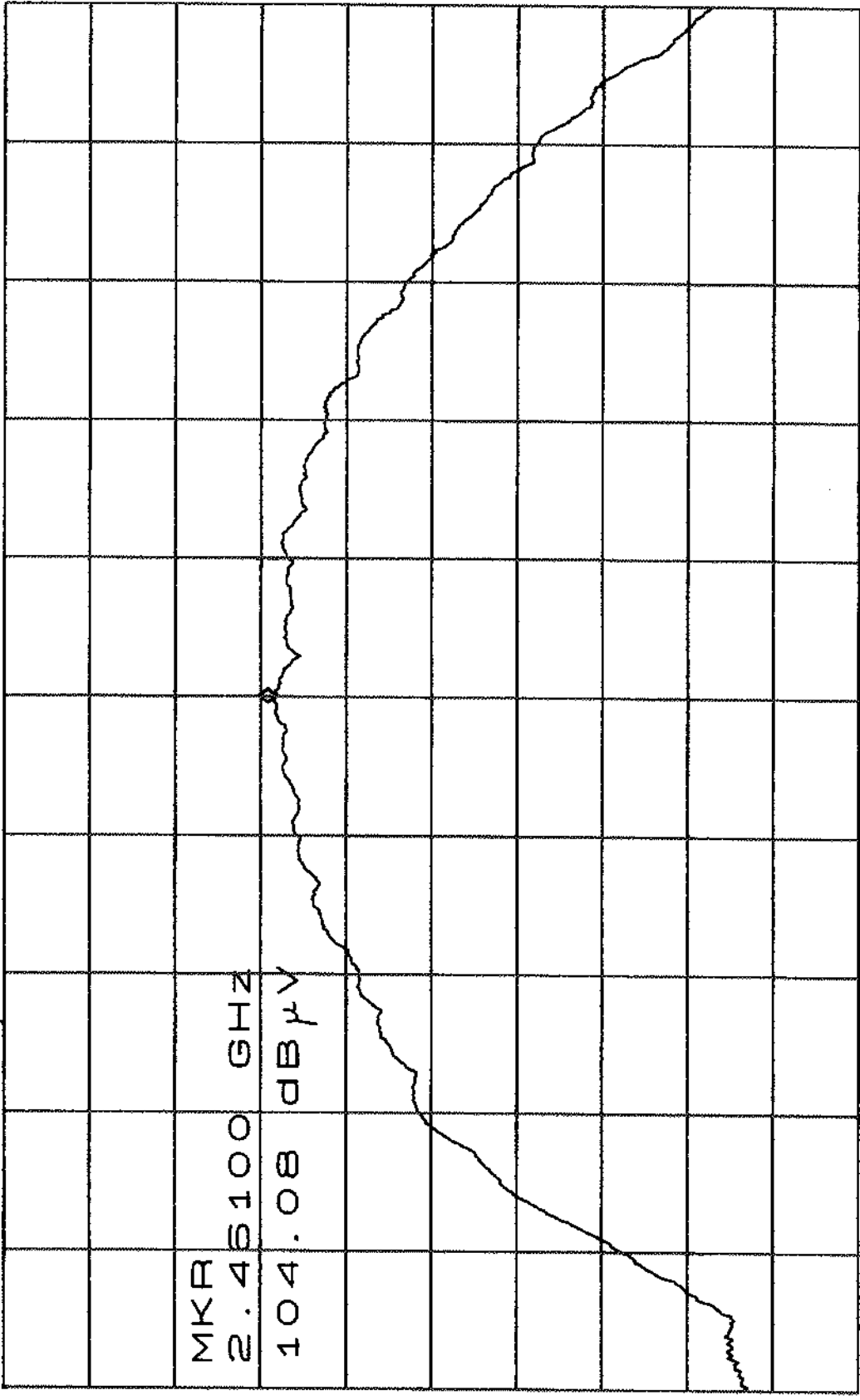
ATTEN 30dB MKR 104.17dB μ V
RL 120.0dB μ V 5dB/ 2.46100GHZ



CENTER 2.46100GHZ SPAN 20.00MHZ
*RBW 1.0MHZ *VBW 1.0MHZ HOK SWP 50ms CH. 11 A9

PEAK OUTPUT POWER

ATTEN 30dB MKR 104.08dBμV
RL 120.0dBμV 5dB/ 2.46100GHZ



G

CENTER 2.46100GHZ SPAN 20.00MHZ
*RBW 1.0MHZ *VBW 1.0MHZ SWP 50ms
VER CH.11 A10

MAXIMUM PEAK OUT PUT POWER (CONDUCTED)

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

COMPANY : Sony Corporation
TRADE NAME : SONY
EQUIPMENT : Wireless LAN Card
MODEL : ERA-201D1
POWER : DC3.3V
Mode : Ch1(Low)/Ch6(Mid)/Ch11(High)
Remarks : S/A (RBW=3MHz,VBW=3MHz)
DATE : 2000/ 11/01

REPORT NO : 21AE0018YW-1
REGULATION : FCC15.247(b)
ATTENUATOR : NONE
FCC ID : AK8ERA-201D1

ENGINEER : Naoki.Sakamoto

Ch No.	FREQ [GHz]	S/A Reading [dBm]	Cable Loss [dB]	RESULT [dBm]	LIMIT (1W) [dBm]	MARGIN [dB]
1	2.4128	14.6	2.4	17.0	30.0	13.0
6	2.4373	15.2	2.6	17.8	30.0	12.2
11	2.4624	15.4	2.7	18.1	30.0	11.9

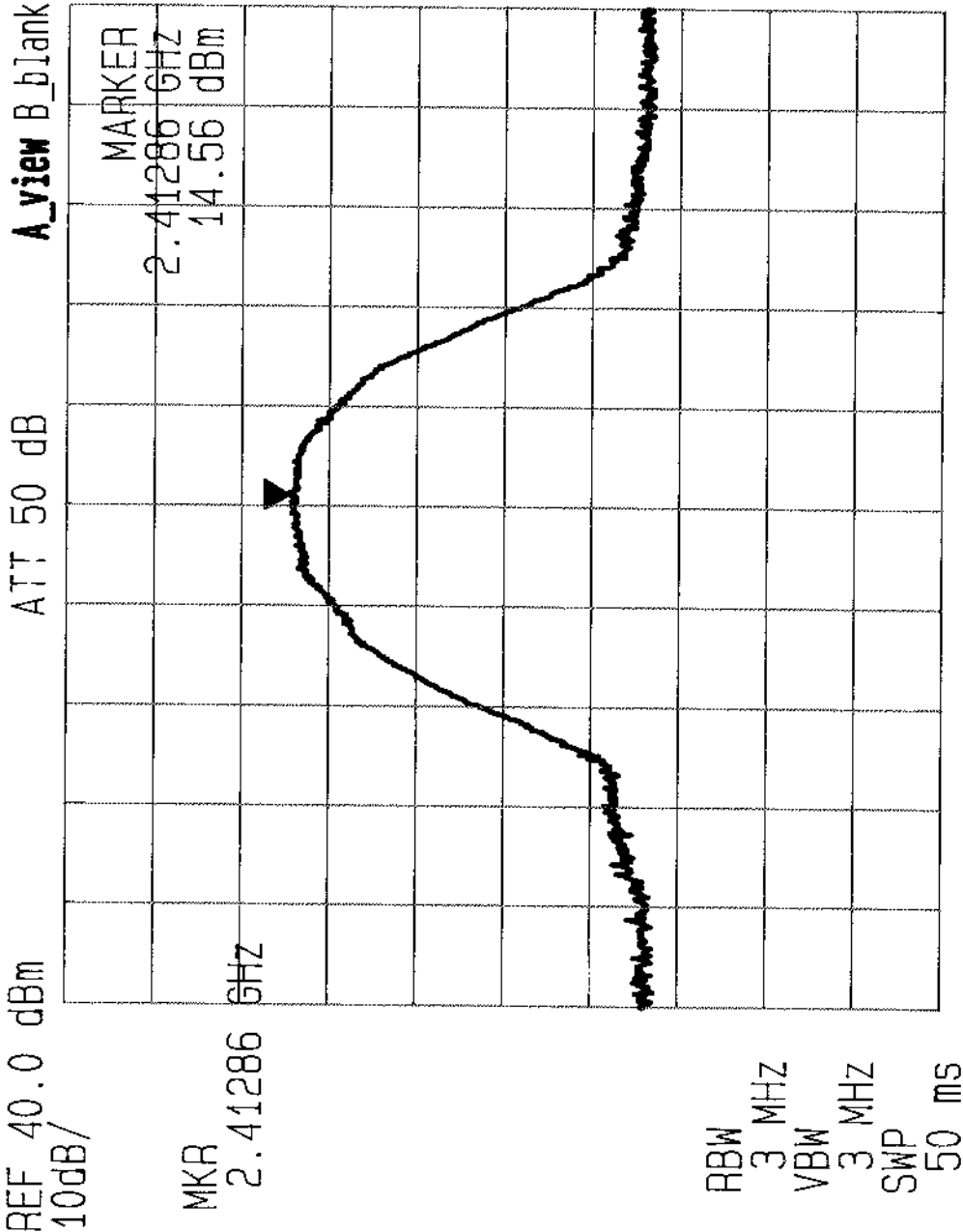
SAMPLE CALCULATION :

RESULT = S/A Reading + Cable Loss

A11

MAXIMUM PEAK OUTPUT POWER

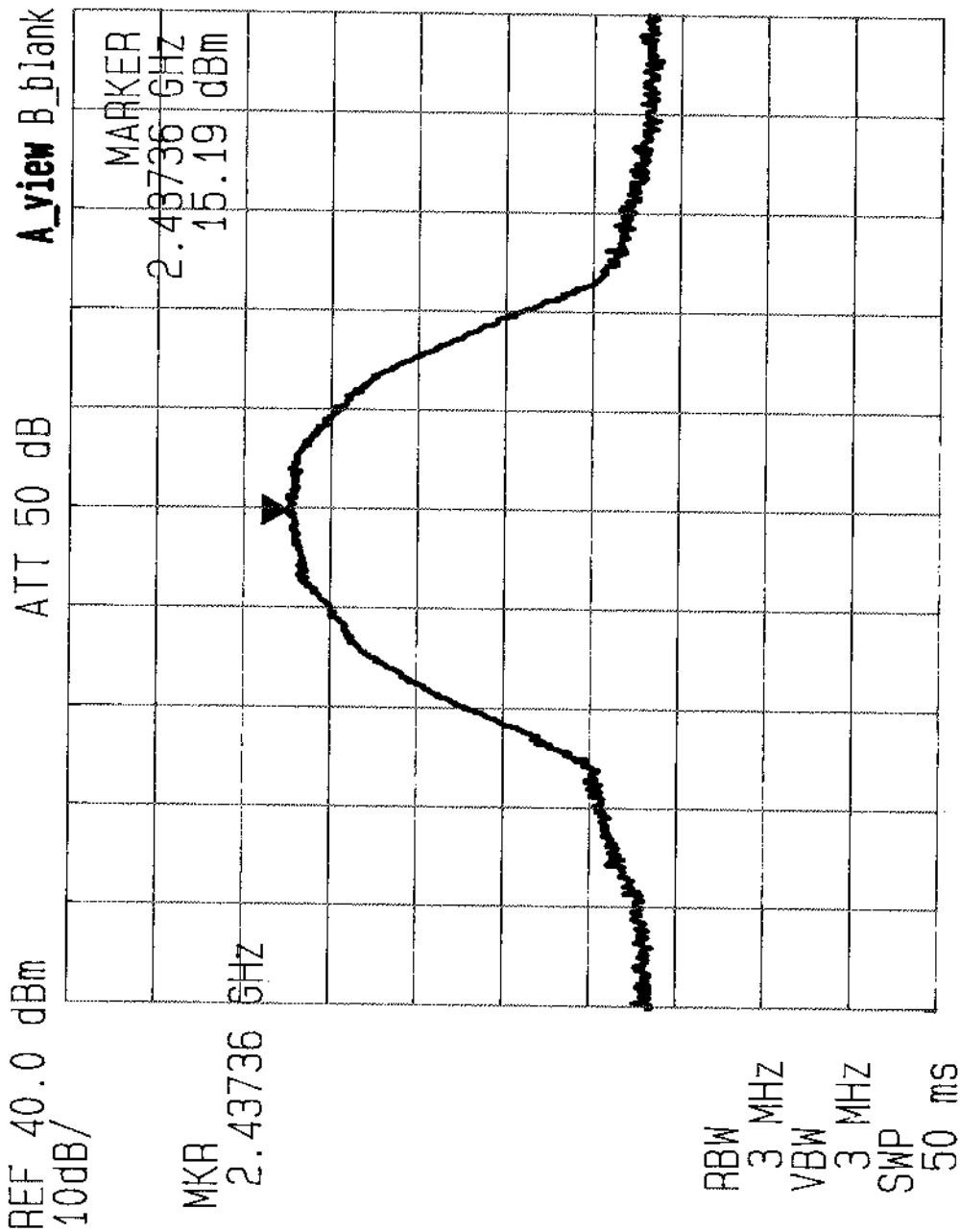
FCC ID:AK8ERA-201D1



CENTER 2.41236 GHz CH 1 SPAN 50.0 MHz

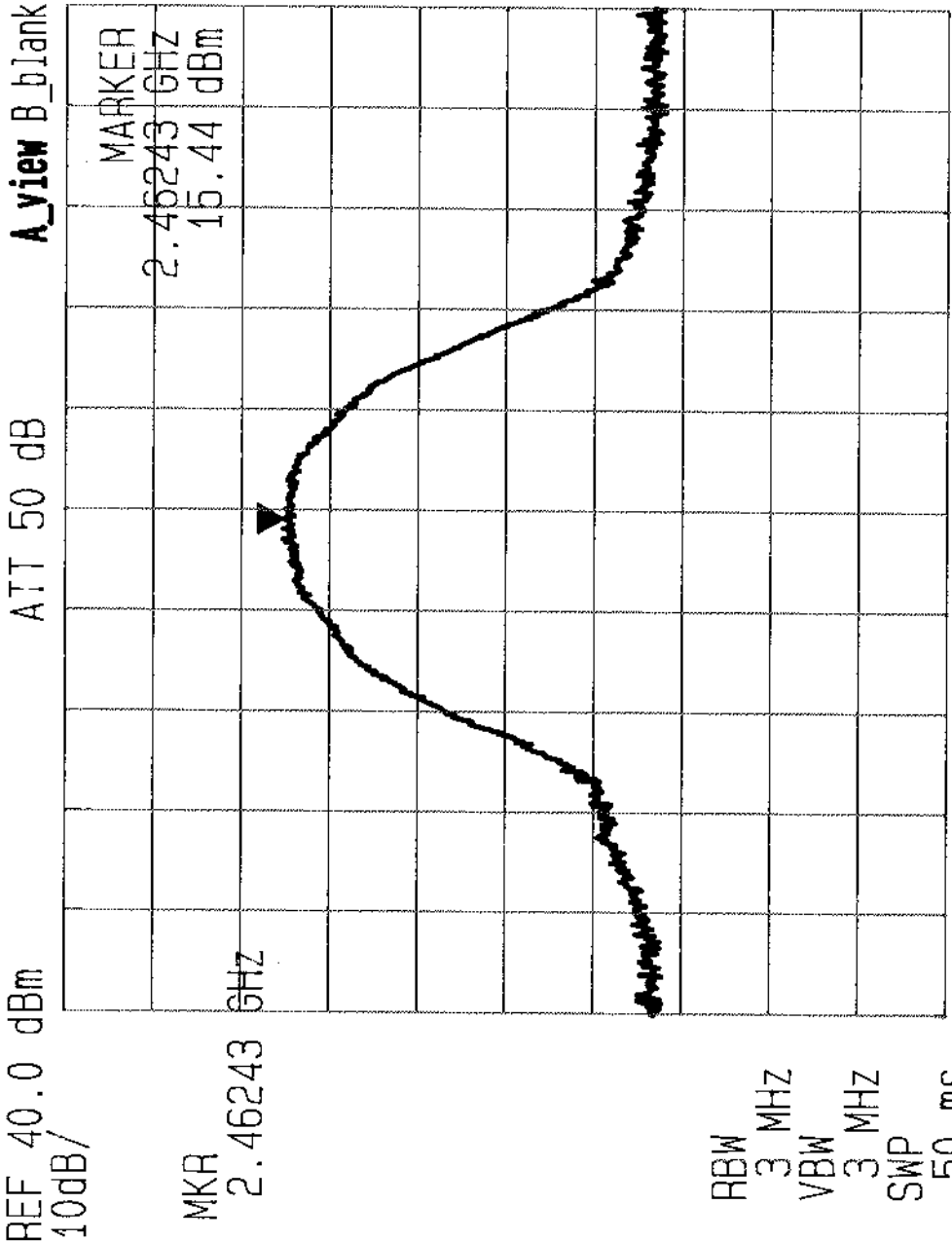
MAXIMUM PEAK OUTPUT POWER

FCC ID:AK8ERA-201D1



MAXIMUM PEAK OUTPUT POWER

FCC ID:AK8ERA-201D1



DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 21AE0018-YW-1

Applicant : Sony Corporation
Kind of Equipment : Wireless LAN Card
Model No. : ERA-201D1
Serial No. : 1001
Power : DC3.3V
Mode : Transmitting(ch6)
Remarks : FCC ID : AK8ERA-201D1
Date : 9/20/2000
Test Distance : 3 m
Temperature : 28 °C
Humidity : 68 %
Regulation : FCC Part15B CLASS B

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 [dB μ V]					HOR [dB μ V/m]	VER [dB μ V/m]		HOR [dB]	VER [dB]
1.	44.27	BB	23.4	35.6	13.1	28.3	2.0	5.9	16.1	28.3	40.0	23.9	11.7
2.	59.92	BB	32.1	44.0	8.3	27.9	2.3	5.9	20.7	32.6	40.0	19.3	7.4
3.	83.75	BB	29.6	41.7	7.0	27.6	2.8	5.9	17.7	29.8	40.0	22.3	10.2
4.	119.99	BB	36.8	31.3	13.4	27.9	3.4	6.0	31.7	26.2	43.5	11.8	17.3
5.	132.71	BB	31.5	35.2	14.2	27.8	3.6	5.9	27.4	31.1	43.5	16.1	12.4
6.	147.44	BB	38.2	35.4	14.8	27.6	3.7	5.9	35.0	32.2	43.5	8.5	11.3
7.	171.82	BB	34.9	32.9	15.6	27.5	4.1	5.9	33.0	31.0	43.5	10.5	12.5
8.	250.66	BB	36.0	39.1	17.0	27.4	4.9	5.9	36.4	39.5	46.0	9.6	6.5
9.	265.41	BB	35.4	39.1	17.8	27.5	5.1	6.0	36.8	40.5	46.0	9.2	5.5
10.	324.39	BB	37.1	41.1	14.6	27.2	5.7	6.0	36.2	40.2	46.0	9.8	5.8
11.	374.00	BB	33.3	37.1	15.3	27.5	6.2	5.9	33.2	37.0	46.0	12.8	9.0
12.	393.21	BB	39.7	39.4	15.6	27.3	6.4	5.9	40.3	40.0	46.0	5.7	6.0
13.	486.60	BB	36.0	35.8	17.0	27.3	7.4	6.0	39.1	38.9	46.0	6.9	7.1
14.	509.99	BB	35.6	36.8	17.3	27.5	7.7	6.1	39.2	40.4	46.0	6.8	5.6
15.	575.06	BB	31.4	35.2	18.0	27.2	8.2	6.1	36.5	40.3	46.0	9.5	5.7
16.	578.00	BB	34.5	35.1	18.0	27.3	8.2	6.1	39.5	40.1	46.0	6.5	5.9

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

All other emissions are more than 20dB below the limits.
ANT. TYPE:30-300MHz Biconical,300-1000MHz Logperiodic

DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.3 OPEN TEST SITE
Report No. : 21AE0018-YW-1

Applicant : Sony Corporation
Kind of Equipment : Wireless LAN Card
Model No. : ERA-201D1
Serial No. : 1001
Power : DC3.3V
Mode : Receiving(ch6)
Remarks : FCC ID : AK8ERA-201D1
Date : 11/2/2000
Test Distance : 3 m
Temperature : 22 °C
Humidity : 70 %
Regulation : FCC Part15B CLASS B

Engineer : Naoki Sakamoto

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.	60.21	BB	33.0	45.3	8.3	27.9	1.4	3.1	17.9	30.2	40.0	22.1	9.8
2.	83.50	BB	29.1	40.9	7.0	27.6	1.7	3.1	13.3	25.1	40.0	26.7	14.9
3.	120.00	BB	36.1	32.0	13.4	27.9	2.1	3.1	26.8	22.7	43.5	16.7	20.8
4.	132.71	BB	31.5	35.2	14.2	27.8	2.2	3.1	23.2	26.9	43.5	20.3	16.6
5.	147.50	BB	38.0	36.0	14.8	27.6	2.4	3.1	30.7	28.7	43.5	12.8	14.8
6.	250.65	BB	36.0	38.8	17.0	27.4	3.2	3.1	31.9	34.7	46.0	14.1	11.3
7.	374.00	BB	33.0	37.3	15.3	27.5	4.2	3.1	28.1	32.4	46.0	17.9	13.6
8.	393.20	BB	39.1	39.8	15.6	27.3	4.2	3.1	34.7	35.4	46.0	11.3	10.6
9.	486.60	BB	35.5	35.4	17.0	27.3	4.7	3.1	33.0	32.9	46.0	13.0	13.1
10.	510.00	BB	35.5	36.3	17.3	27.5	4.8	3.2	33.3	34.1	46.0	12.7	11.9
11.	575.05	BB	32.0	34.0	18.0	27.2	5.2	3.2	31.2	33.2	46.0	14.8	12.8
12.	578.00	BB	34.3	34.8	18.0	27.3	5.2	3.2	33.4	33.9	46.0	12.6	12.1

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

All other emissions are more than 20dB below the limits.
ANT. TYPE: 30-300MHz Biconical, 300-1000MHz Logperiodic

DATA OF RADIATION TEST (1GHz-26GHz)A-PEX INTERNATIONAL
YOKOWA NO.3 OPEN SITE

COMPANY : Sony Corporation
 TRADE NAME : SONY
 EQUIPMENT : Wireless LAN Card
 MODEL : ERA-201D1
 POWER : DC3.3V
 Mode : Transmitting(Ch1/Ch6/Ch11)
 DATE : 2000/11/02

REPORT NO : 21AE0018YW-1
 REGULATION : FCC15.209
 TEST DISTANCE : 3m
 ATTENUATOR : NONE
 FCC ID : AK8ERA-201D1

ENGINEER : Naoki Sakamoto

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

Ch No.	FREQ [GHz]	S/A READING(PK)		ANT Factor [dB]	CABLE LOSS [dB]	AMP Gain [dB]	RESULT		LIMIT (PK) [dBμV]	MARGIN	
		HOR [dBμV]	VER [dBμV]				HOR [dBμV]	VER [dBμV]		HOR [dB]	VER [dB]
1	1.5886	56.0	55.0	25.6	4.2	34.4	51.4	50.4	74.0	22.6	23.6
1	4.8269	48.7	49.7	33.6	6.9	33.9	55.3	56.3	74.0	18.7	17.7
1	7.2372	49.5	47.8	36.5	8.9	34.6	60.3	58.6	74.0	13.7	15.4
1	9.6539	47.4	47.3	37.7	10.1	34.4	60.8	60.7	74.0	13.2	13.3
1	12.0672	43.3	43.0	38.5	11.7	34.8	58.7	58.4	74.0	15.3	15.6
*1	14.4720	-	-	42.1	14.6	33.2	-	-	74.0	-	-
*1	16.8851	-	-	43.3	16.0	33.3	-	-	74.0	-	-
*1	19.2963	-	-	40.2	16.9	33.4	-	-	74.0	-	-
*1	21.7088	-	-	40.3	17.5	33.0	-	-	74.0	-	-
*1	24.1232	-	-	40.3	19.8	33.2	-	-	74.0	-	-
6	1.5886	55.8	55.1	25.6	4.2	34.4	51.2	50.5	74.0	22.8	23.5
6	4.8749	48.5	48.8	33.9	6.9	33.9	55.4	55.7	74.0	18.6	18.3
6	7.3124	47.1	47.0	36.4	9.0	34.6	57.9	57.8	74.0	16.1	16.2
6	9.7499	47.0	47.2	37.8	9.2	34.5	59.5	59.7	74.0	14.5	14.3
6	12.1873	44.0	43.5	38.7	11.8	34.7	59.8	59.3	74.0	14.2	14.7
*6	14.6222	-	-	42.1	14.6	33.2	-	-	74.0	-	-
*6	17.0613	-	-	43.3	16.1	33.3	-	-	74.0	-	-
*6	19.4959	-	-	40.2	17.0	33.4	-	-	74.0	-	-
*6	21.9330	-	-	40.3	17.5	33.0	-	-	74.0	-	-
*6	24.3723	-	-	40.3	19.8	33.2	-	-	74.0	-	-
11	1.5886	55.9	55.0	25.6	4.2	34.4	51.3	50.4	74.0	22.7	23.6
11	4.9240	48.4	47.9	34.0	7.0	33.9	55.5	55.0	74.0	18.5	19.0
11	7.3830	47.8	48.1	35.2	9.0	34.6	57.4	57.7	74.0	16.6	16.3
11	9.8480	47.5	47.6	37.7	9.2	34.5	59.9	60.0	74.0	14.1	14.0
11	12.3101	43.8	44.0	38.6	11.8	34.8	59.4	59.6	74.0	14.6	14.4
*11	14.7717	-	-	42.1	14.6	33.2	-	-	74.0	-	-
*11	17.2344	-	-	43.3	16.3	33.3	-	-	74.0	-	-
*11	19.6965	-	-	40.2	17.0	33.4	-	-	74.0	-	-
*11	22.1582	-	-	40.3	17.5	33.0	-	-	74.0	-	-
*11	24.6204	-	-	40.3	19.8	33.2	-	-	74.0	-	-

SAMPLE CALCULATION :

RESULT= S/A READING + ANT Factor + Cable Loss - AMP Gain

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

* Emissions did not detect.

DATA OF RADIATION TEST (1GHz-26GHz)

A-PEX INTERNATIONAL
YOKOWA NO.3 OPEN SITE

COMPANY : Sony Corporation

TRADE NAME : SONY

EQUIPMENT : Wireless LAN Card

MODEL : ERA-201D1

POWER : DC3.3V

Mode : Transmitting(Ch1/Ch6/Ch11)

DATE : 2000/11/02

REPORT NO : 21AE0018YW-1

REGULATION : FCC15.209

TEST DISTANCE : 3m

ATTENUATOR : NONE

FCC ID : AK8ERA-201D1

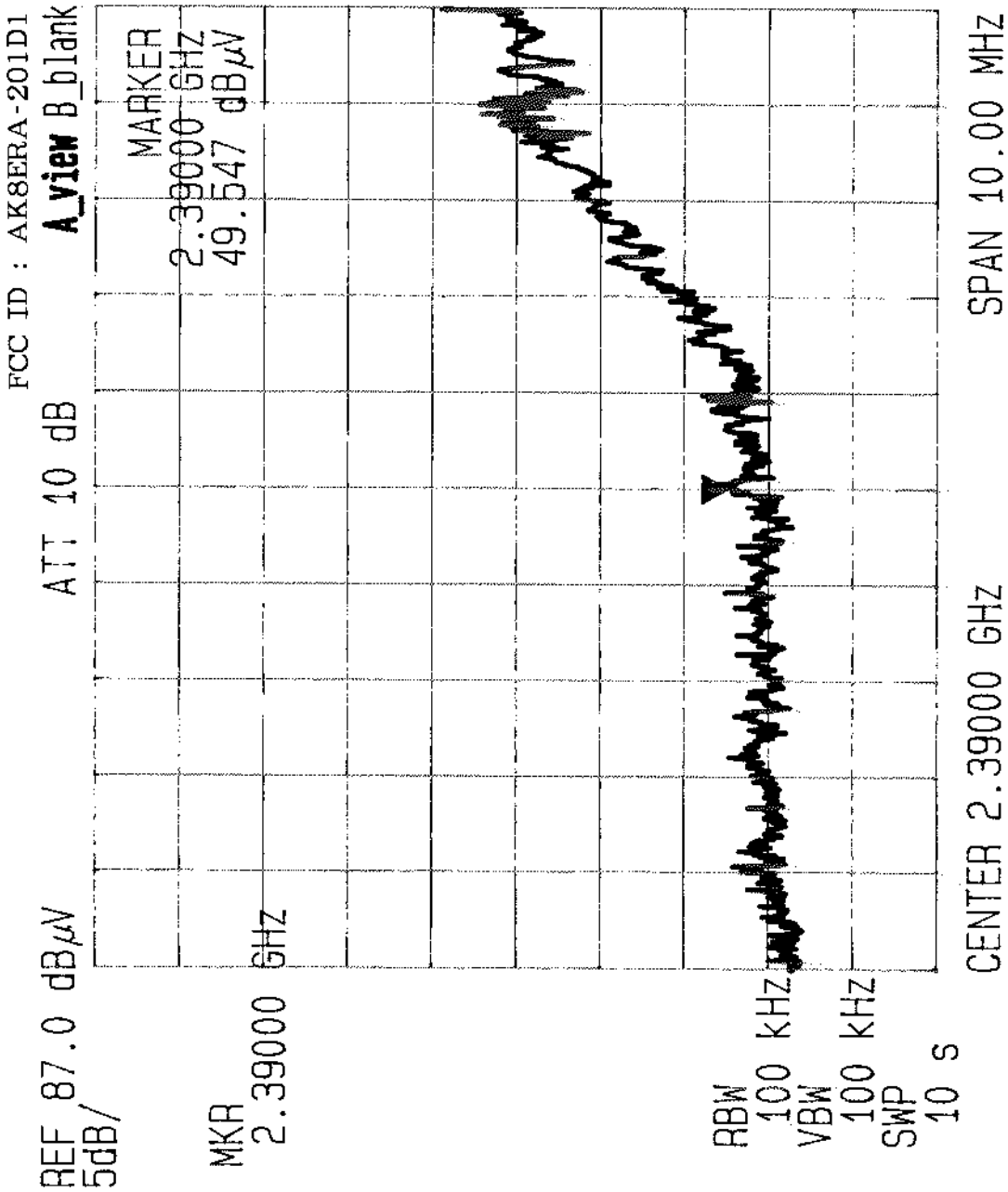
ENGINEER : Naoki.Sakamoto

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

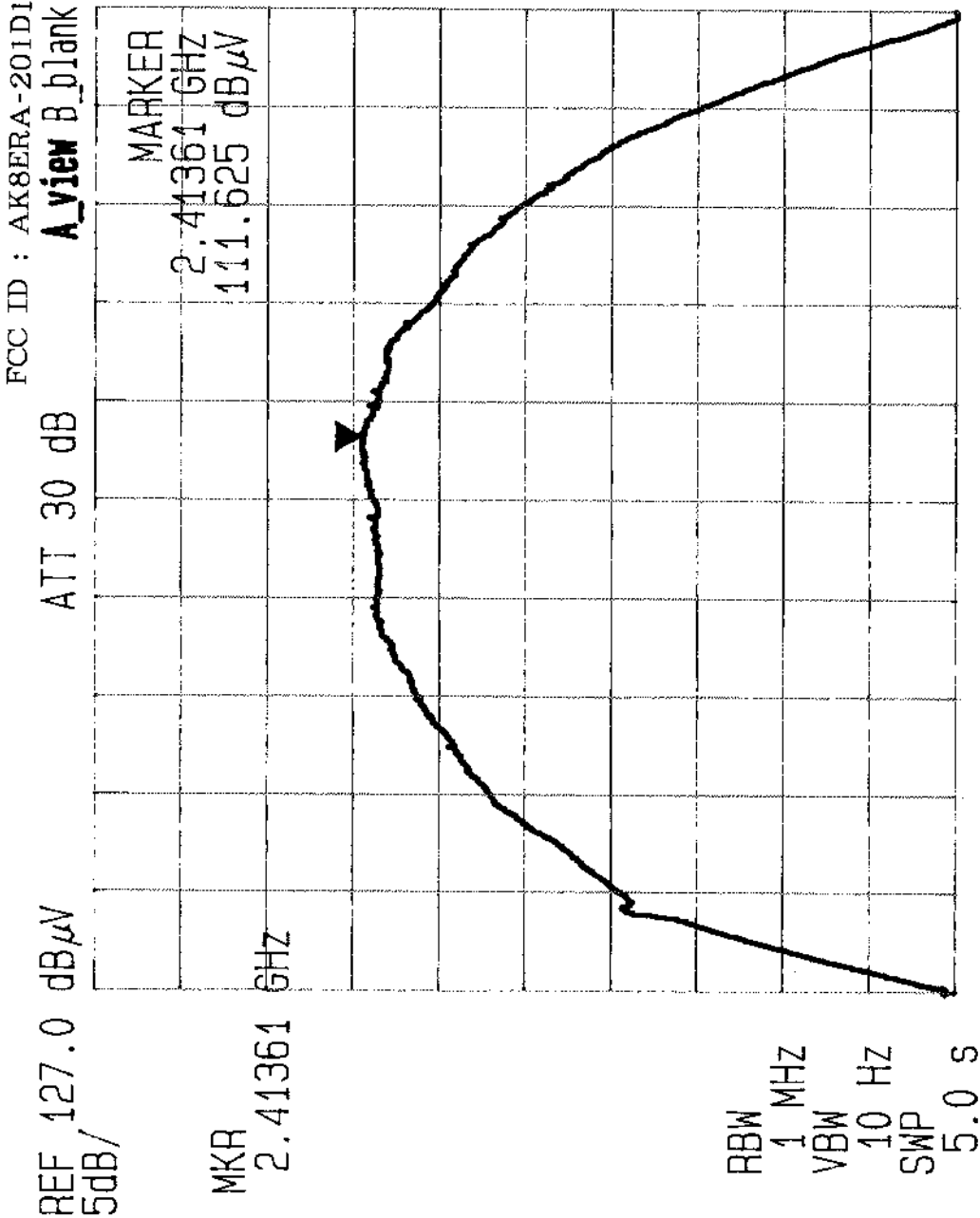
Ch No.	FREQ [GHz]	S/A READING(AV)		ANT Factor [dB]	CABLE LOSS [dB]	AMP. Gain [dB]	RESULT		LIMIT (PK) [dBμV]	MARGIN	
		HOR [dBμV]	VER [dBμV]				HOR [dBμV]	VER [dBμV]		HOR [dB]	VER [dB]
1	1.5888	42.7	41.3	25.6	4.2	34.4	38.1	36.7	54.0	15.9	17.3
1	4.8270	40.7	42.1	33.6	6.9	33.9	47.3	48.7	51.0	6.7	5.3
1	7.2372	39.7	38.4	36.5	8.9	34.6	50.5	49.2	54.0	3.5	4.8
1	9.6541	37.1	37.0	37.7	10.1	34.4	50.5	50.4	51.0	3.5	3.6
1	12.0673	34.1	33.3	38.5	11.7	34.8	49.5	48.7	51.0	4.5	5.3
*1	14.4720	-	-	42.1	14.6	33.2	-	-	54.0	-	-
*1	16.8851	-	-	43.3	16.0	33.3	-	-	51.0	-	-
*1	19.2963	-	-	40.2	16.9	33.4	-	-	54.0	-	-
*1	21.7088	-	-	40.3	17.5	33.0	-	-	51.0	-	-
*1	24.1232	-	-	40.3	19.8	33.2	-	-	54.0	-	-
6	1.5888	42.6	41.0	25.6	4.2	31.1	38.0	36.4	51.0	16.0	17.6
6	4.8750	41.0	41.7	33.9	6.9	33.9	47.9	48.6	54.0	6.1	5.4
6	7.3124	38.2	38.1	36.4	9.0	31.6	49.0	48.9	54.0	5.0	5.1
6	9.7500	36.9	36.8	37.8	9.2	31.5	49.4	49.3	54.0	4.6	4.7
6	12.1873	33.8	33.5	38.7	11.8	34.7	49.6	49.3	54.0	4.4	4.7
*6	14.6222	-	-	42.1	14.6	33.2	-	-	51.0	-	-
*6	17.0613	-	-	43.3	16.1	33.3	-	-	54.0	-	-
*6	19.4959	-	-	40.2	17.0	33.4	-	-	54.0	-	-
*6	21.9330	-	-	40.3	17.5	33.0	-	-	54.0	-	-
*6	24.3723	-	-	40.3	19.8	33.2	-	-	54.0	-	-
11	1.5888	42.8	41.4	25.6	4.2	34.4	38.2	36.8	54.0	15.8	17.2
11	4.9240	40.8	41.1	34.0	7.0	33.9	47.9	48.2	54.0	6.1	5.8
11	7.3830	39.0	38.5	35.2	9.0	34.6	48.6	48.1	54.0	5.4	5.9
11	9.8482	37.0	36.7	37.7	9.2	31.5	49.4	49.1	51.0	4.6	4.9
11	12.3104	33.3	33.6	38.6	11.8	34.8	48.9	49.2	54.0	5.1	4.8
*11	14.7717	-	-	42.1	14.6	33.2	-	-	54.0	-	-
*11	17.2344	-	-	43.3	16.3	33.3	-	-	54.0	-	-
*11	19.6965	-	-	40.2	17.0	33.1	-	-	54.0	-	-
*11	22.1582	-	-	40.3	17.5	33.0	-	-	54.0	-	-
*11	24.6204	-	-	40.3	19.8	33.2	-	-	54.0	-	-

SAMPLE CALCULATION :
RESULT= S/A READING + ANT Factor + Cable Loss - AMP Gain
Except for the above table : All other spurious emissions are more than 20dB below the limit.
* Emissions did not detect.

OUT OF BAND-BAND EDGES



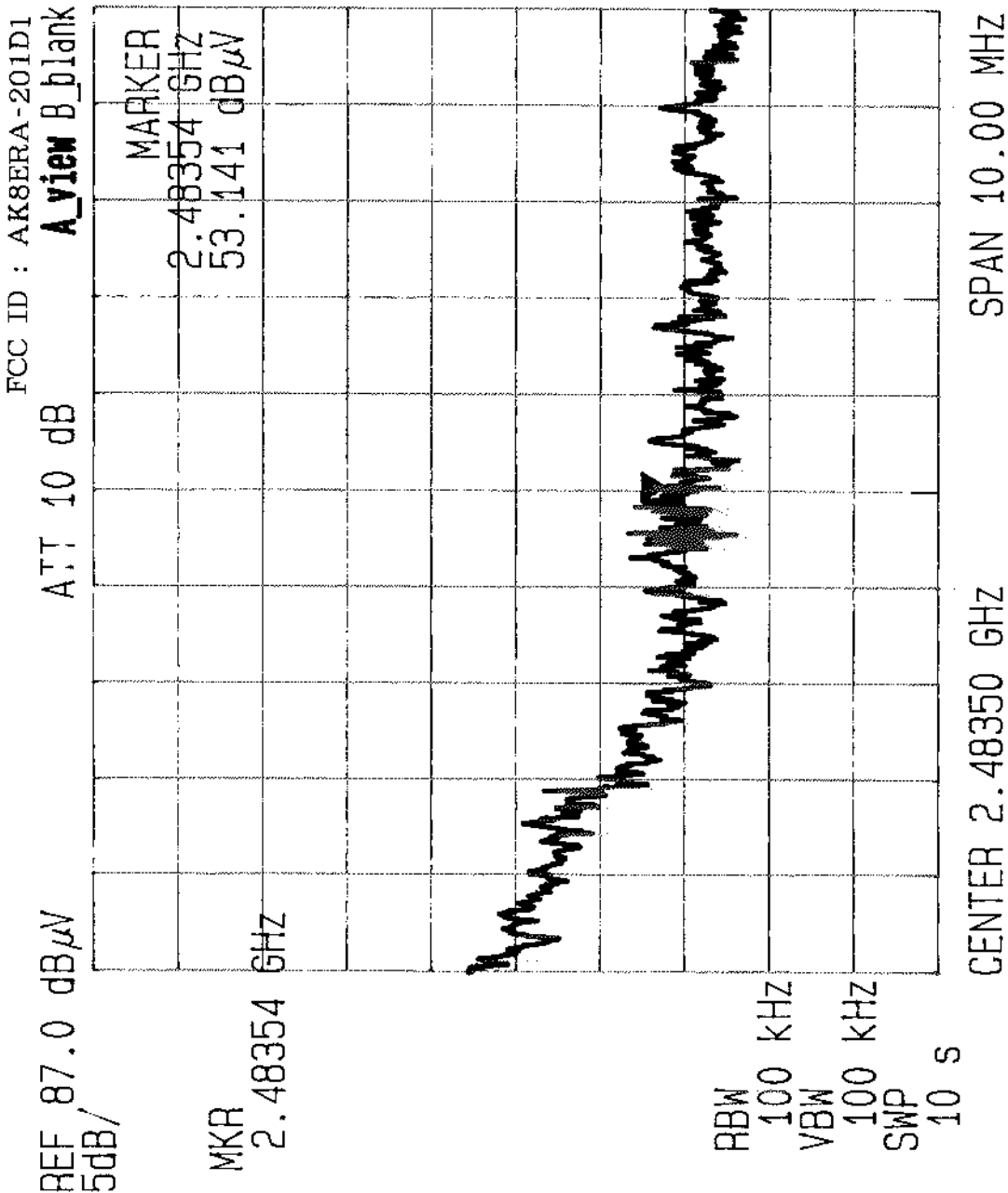
OUT OF BAND(CARRIER LEVEL)



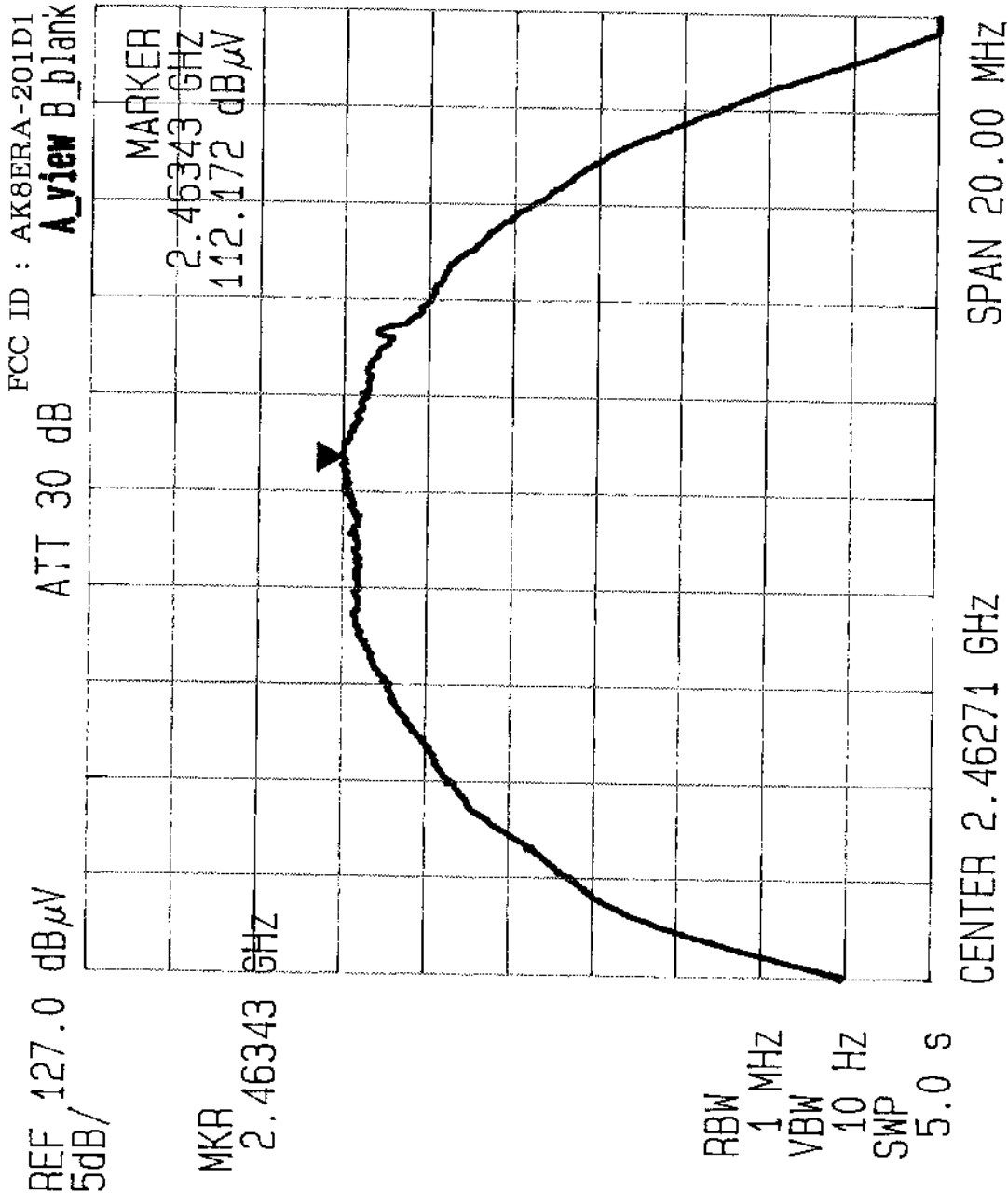
A20

CH 1

OUT OF BAND-BAND EDGES



OUT OF BAND(CARRIER LEVEL)

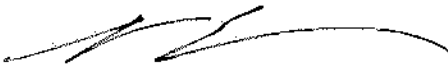


POWER DENSITY (CONDUCTED)

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

COMPANY : Sony Corporation
TRADE NAME : SONY
EQUIPMENT : Wireless LAN Card
MODEL : ERA-201D1
POWER : DC3.3V
Mode : Ch1(Low)/Ch6(Mid)/Ch11(High)
Remarks : S/A (RBW=3kHz,VBW=10kHz)
DATE : 2000/ 11/01

REPORT NO : 21AE0018YW-1
REGULATION : FCC15.247(d)
ATTENUATOR : NONE
FCC ID : AK8ERA-201D1



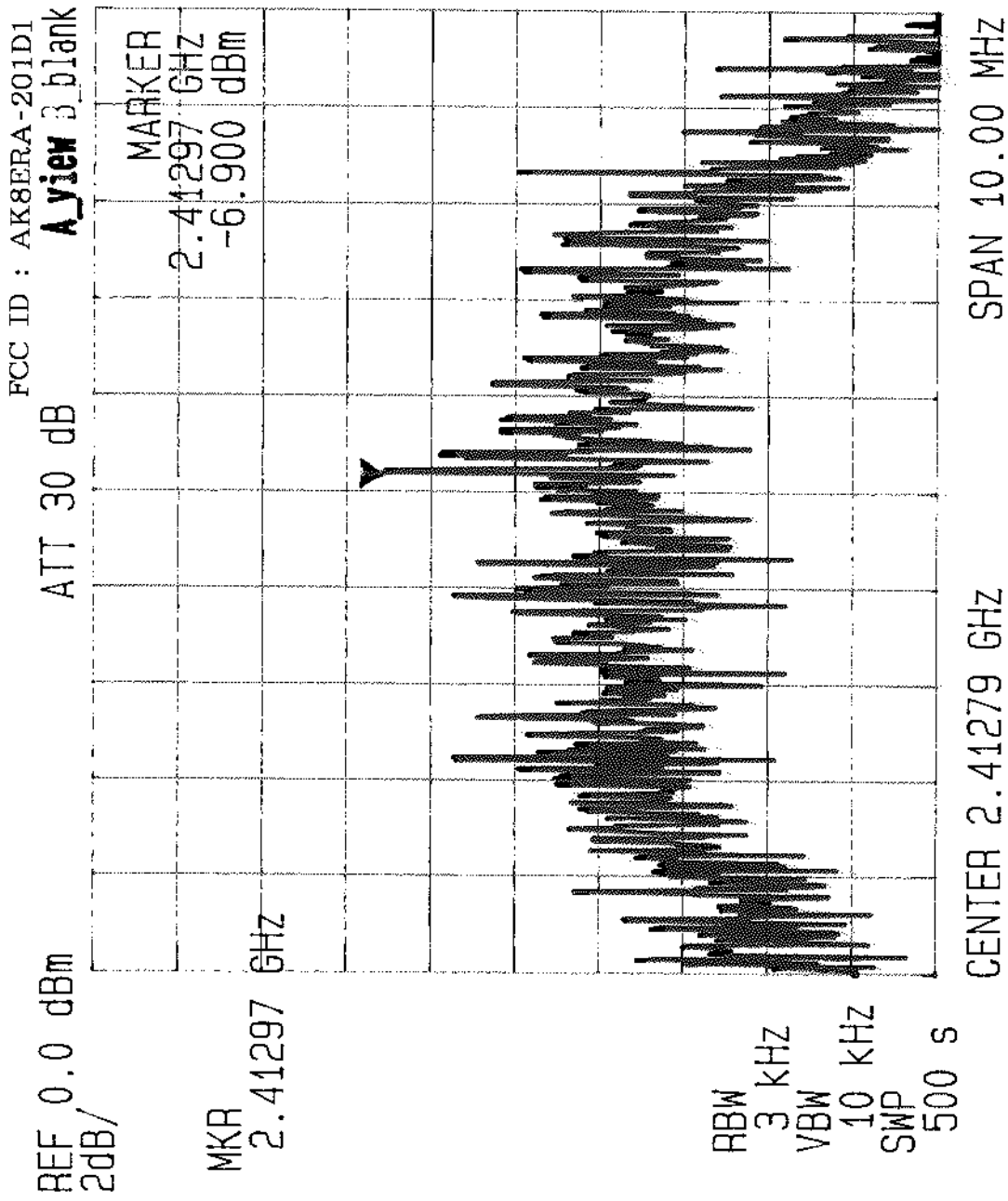
ENGINEER : Naoki.Sakamoto

Ch No.	FREQ [GHz]	S/A Reading [dBm]	Cable Loss [dB]	RESULT [dBm]	LIMIT [dBm]	MARGIN [dB]
1	2.4130	-6.9	2.4	-4.5	8.0	12.5
6	2.4380	-6.7	2.6	-4.1	8.0	12.1
11	2.4630	-7.0	2.7	-4.3	8.0	12.3

SAMPLE CALCULATION :

RESULT = S/A Reading + Cable Loss

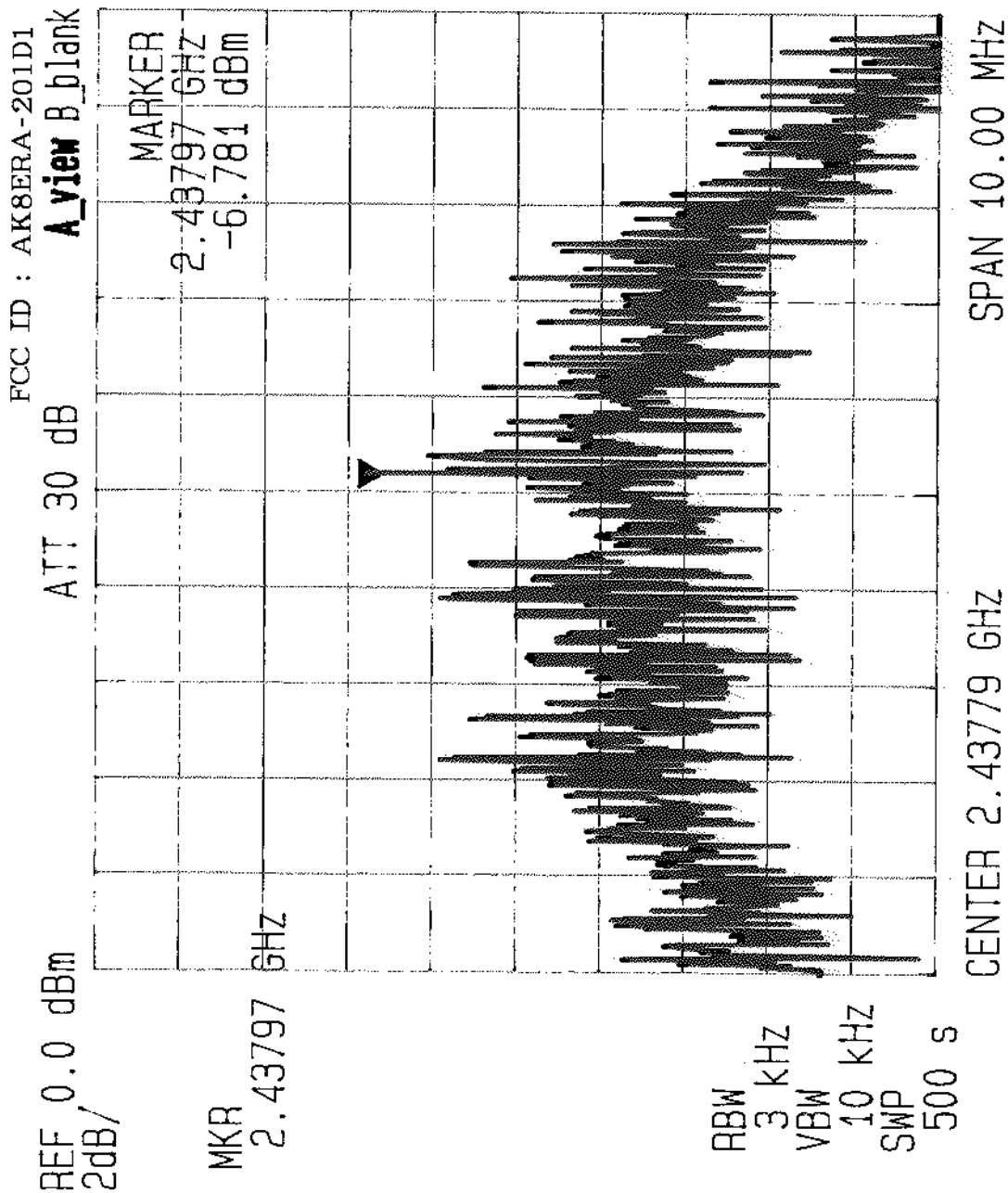
POWER DENSITY



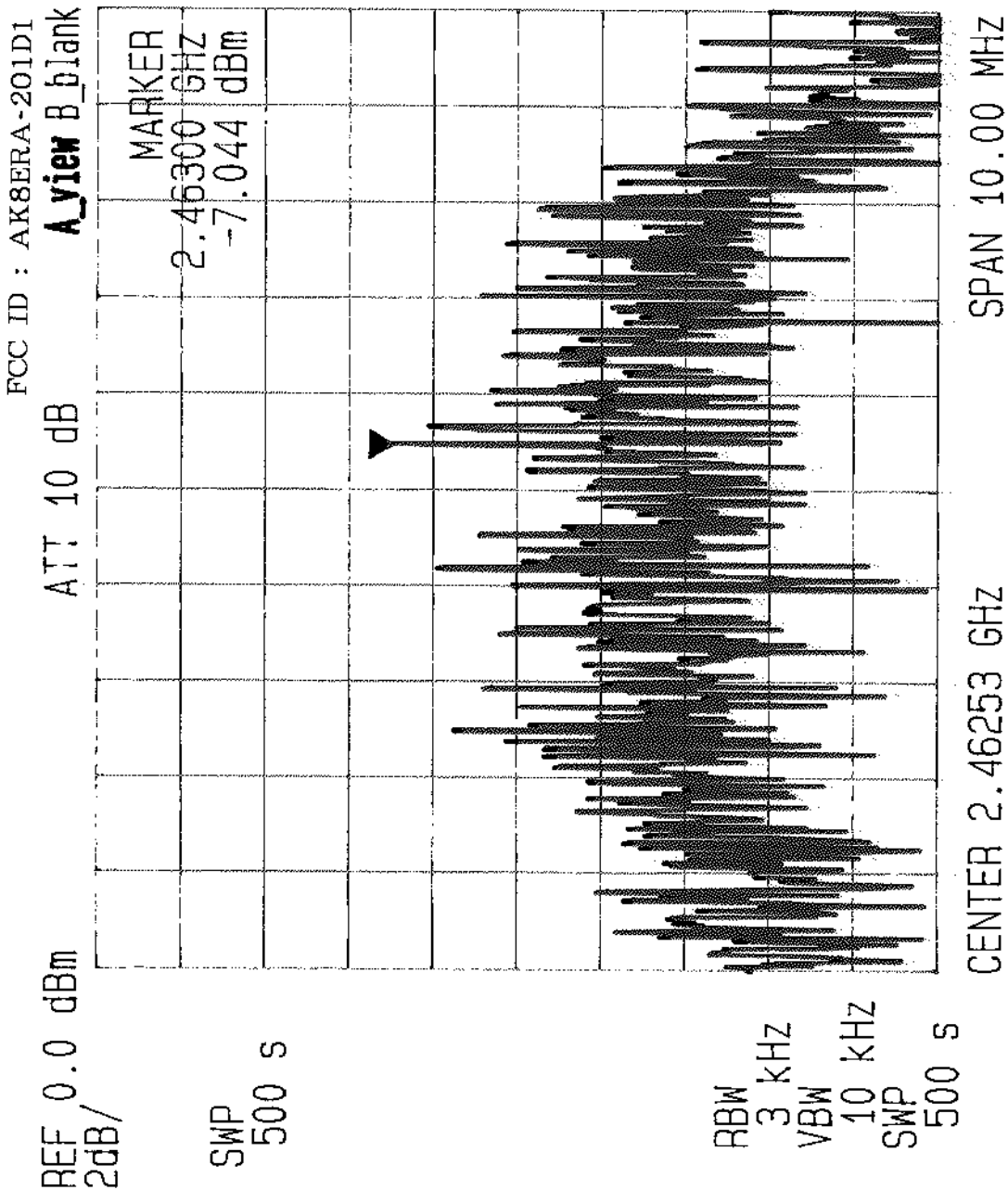
A24

CH 1

POWER DENSITY



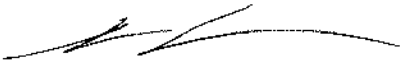
POWER DENSITY



DATA OF CONDUCTION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No. : 21AE0018-YW-1
FCC ID:AK8ERA-201D1

Applicant : Sony Corporation
Kind of Equipment : Wireless LAN Card
Model No. : ERA-201D1
Serial No. :
Power : DC3.3V(PC:AC120V/60Hz)
Mode : Transmitting
Remarks : ch6 (Mid)
Date : 11/1/2000
Phase : Single Phase
Temperature : 21 °C
Humidity : 67 %
Regulation : FCC Part15B CLASS B


Engineer : Naoki Sakamoto

No.	FREQ. [MHz]	READING (N)		READING (L1)		LISN FACTOR	CABLE LOSS	ATTEN.	RESULT		LIMITS		MARGIN	
		QP	AV	QP	AV				QP	AV	QP	AV	QP	AV
		[dBuV]		[dBuV]		[dBuV]	[dBuV]	[dBuV]	[dBuV]		[dBuV]		[dBuV]	
1.	0.4892	34.5	-	34.6	-	0.1	0.2	0.0	34.9	-	48.0	0.0	13.1	-
2.	0.6527	34.6	-	34.8	-	0.1	0.2	0.0	35.1	-	48.0	0.0	12.9	-
3.	1.1428	28.7	-	29.1	-	0.1	0.2	0.0	29.4	-	48.0	0.0	18.6	-
4.	4.8922	31.7	-	28.1	-	0.3	0.4	0.0	32.4	-	48.0	0.0	15.6	-
5.	5.9461	33.1	-	33.9	-	0.4	0.4	0.0	34.7	-	48.0	0.0	13.3	-
6.	10.4392	25.0	-	29.0	-	0.7	0.5	0.0	30.2	-	48.0	0.0	17.8	-
7.	21.3674	26.0	-	27.8	-	1.3	0.7	0.0	29.8	-	48.0	0.0	18.2	-
8.	24.9521	26.0	-	27.0	-	1.5	0.8	0.0	29.3	-	48.0	0.0	18.7	-

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

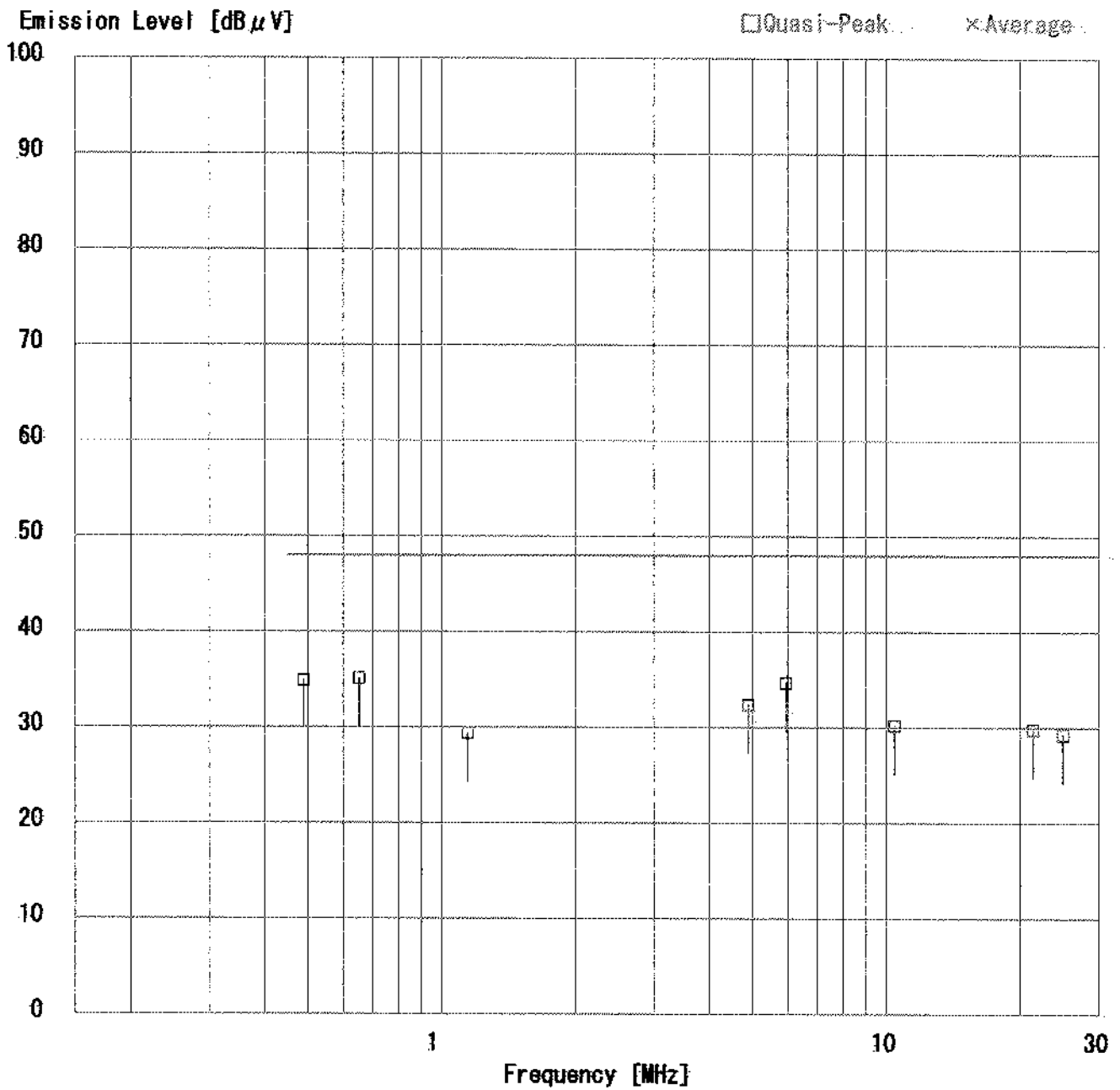
Except for the above table: adequate margin data below the limits.

DATA OF CONDUCTION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No. : 21AE0018-YW-1
FCC ID:AK8ERA-201D1

Applicant : Sony Corporation
Kind of Equipment : Wireless LAN Card
Model No. : ERA-201D1
Serial No. :
Power : DC3.3V (PC: AC120V/60Hz)
Mode : Transmitting
Remarks : ch6 (Mid)
Date : 11/1/2000
Phase : Single Phase
Temperature : 21 °C
Humidity : 67 %
Regulation : FCC Part15B CLASS B

Engineer : Naoki Sakamoto



DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.

YOKOWA No.2 OPEN TEST SITE

Report No. : 21AE0018-YW-1

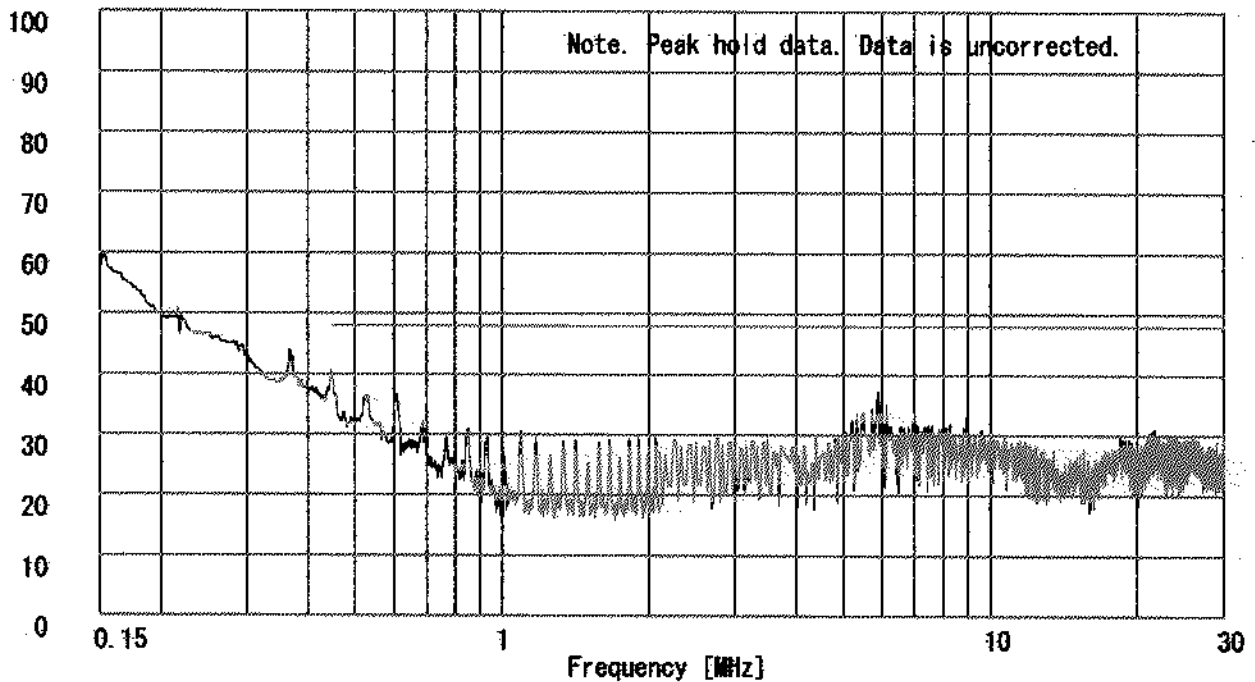
FCC ID:AK8ERA-201D1

Applicant : Sony Corporation
Kind of Equipment : Wireless LAN Card
Model No. : ERA-201D1
Serial No. :
Power : DC3.3V (PC: AC120V/60Hz)
Mode : Transmitting
Remarks : ch6 (Mid)
Date : 11/1/2000
Phase : Single Phase
Temperature : 21 °C
Humidity : 67 %
Regulation 1 : FCC Part15B CLASS B
Regulation 2 : None

Engineer : Naoki Sakamoto

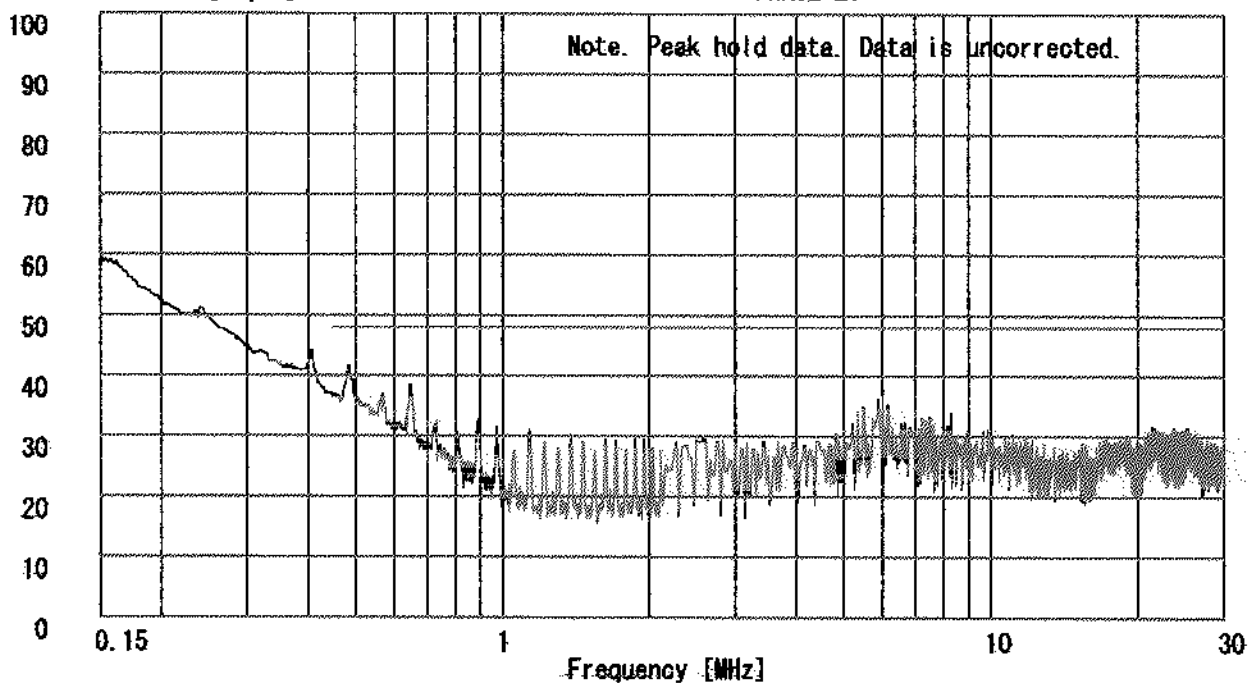
Emission Level [dB μ V]

PHASE:N



Emission Level [dB μ V]

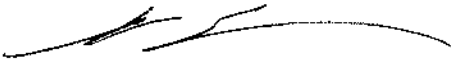
PHASE:L1



DATA OF CONDUCTION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No. : 21AE0018-YW-1
FCC ID:AK8ERA-201D1

Applicant : Sony Corporation
Kind of Equipment : Wireless LAN Card
Model No. : ERA-201D1
Serial No. :
Power : DC3.3V(PC:AC120V/60Hz)
Mode : Receiving
Remarks : ch6(Mid)
Date : 11/1/2000
Phase : Single Phase
Temperature : 21 °C
Humidity : 67 %
Regulation : FCC Part15B CLASS B


Engineer : Naoki Sakamoto

No.	FREQ. [MHz]	READING (N)		READING (L1)		LISN FACTOR [dBuV]	CABLE LOSS [dBuV]	ATTEN. [dBuV]	RESULT		LIMITS		MARGIN	
		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]				QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]
1.	0.4887	34.3	-	34.7	-	0.1	0.2	0.0	35.0	-	48.0	0.0	13.0	-
2.	0.6517	34.4	-	34.8	-	0.1	0.2	0.0	35.1	-	48.0	0.0	12.9	-
3.	1.1408	28.5	-	29.4	-	0.1	0.2	0.0	29.7	-	48.0	0.0	18.3	-
4.	4.8903	27.6	-	27.5	-	0.3	0.4	0.0	28.3	-	48.0	0.0	19.7	-
5.	5.9521	33.0	-	33.2	-	0.4	0.4	0.0	34.0	-	48.0	0.0	14.0	-
6.	7.0108	29.6	-	30.1	-	0.5	0.5	0.0	31.1	-	48.0	0.0	16.9	-
7.	20.8590	24.9	-	26.2	-	1.3	0.7	0.0	28.2	-	48.0	0.0	19.8	-
8.	24.3616	25.2	-	26.2	-	1.5	0.8	0.0	28.5	-	48.0	0.0	19.5	-
9.	29.4922	25.6	-	26.0	-	1.5	1.0	0.0	28.5	-	48.0	0.0	19.5	-

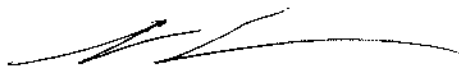
CALCULATION: READING + LISN FACTOR + CABLE LOSS + ATTEN.

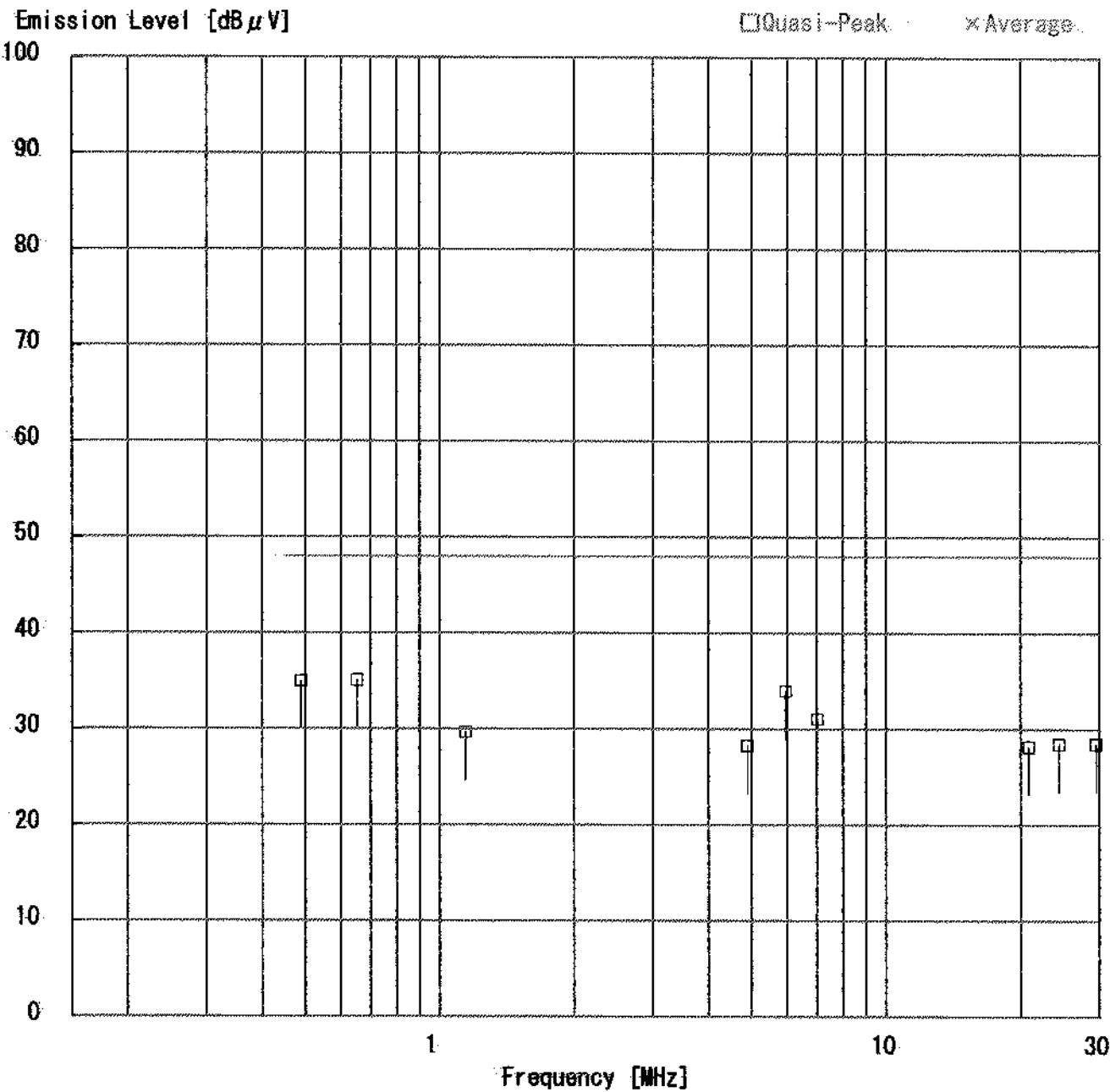
Except for the above table: adequate margin data below the limits.

DATA OF CONDUCTION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No. : 21AE0018-YW-1
FCC ID:AK8ERA-201D1

Applicant : Sony Corporation
Kind of Equipment : Wireless LAN Card
Model No. : ERA-201D1
Serial No. :
Power : DC3.3V (PC:AC120V/60Hz)
Mode : Receiving
Remarks : ch6 (Mid)
Date : 11/1/2000
Phase : Single Phase
Temperature : 21 °C
Humidity : 67 %
Regulation : FCC Part15B CLASS B


Engineer : Naoki Sakamoto



DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.

YOKOWA No.2 OPEN TEST SITE

Report No. : 21AE0018-YW-1

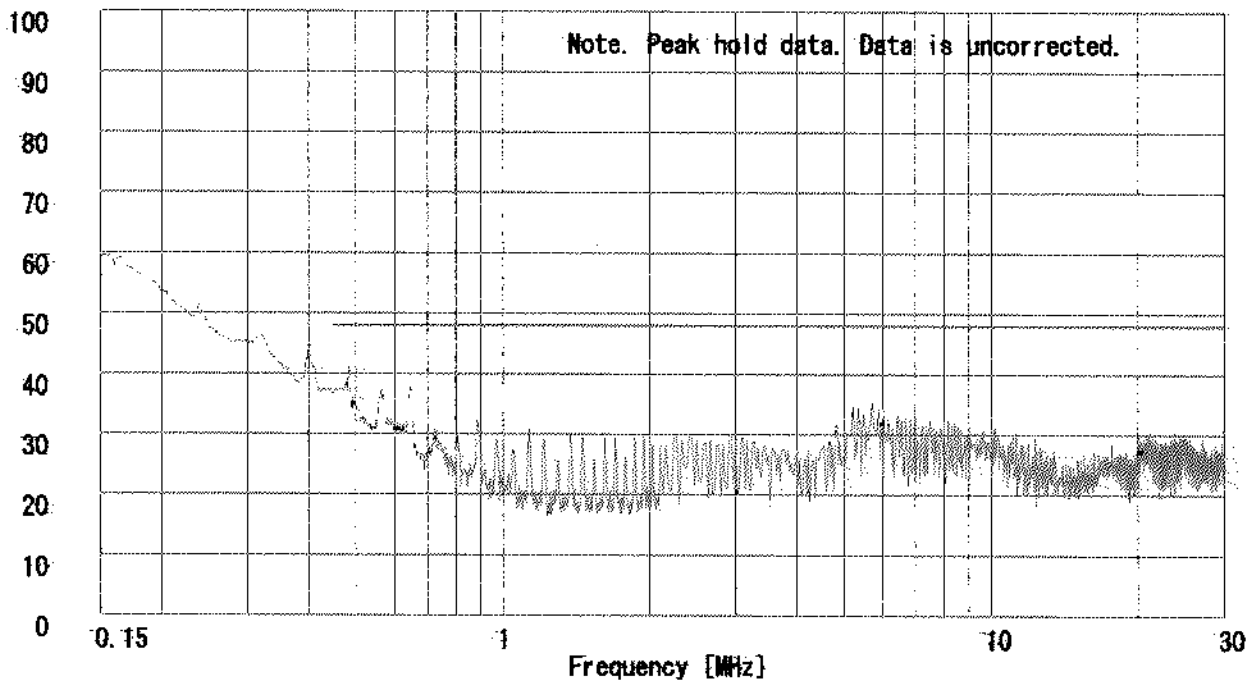
FCC ID:AK8ERA-201D1

Applicant : Sony Corporation
Kind of Equipment : Wireless LAN Card
Model No. : ERA-201D1
Serial No. :
Power : DC3.3V(PC:AC120V/60Hz)
Mode : Receiving
Remarks : ch6(Mid)
Date : 11/1/2000
Phase : Single Phase
Temperature : 21 °C
Humidity : 67 %
Regulation 1 : FCC Part15B CLASS B
Regulation 2 : None

Engineer : Naoki Sakamoto

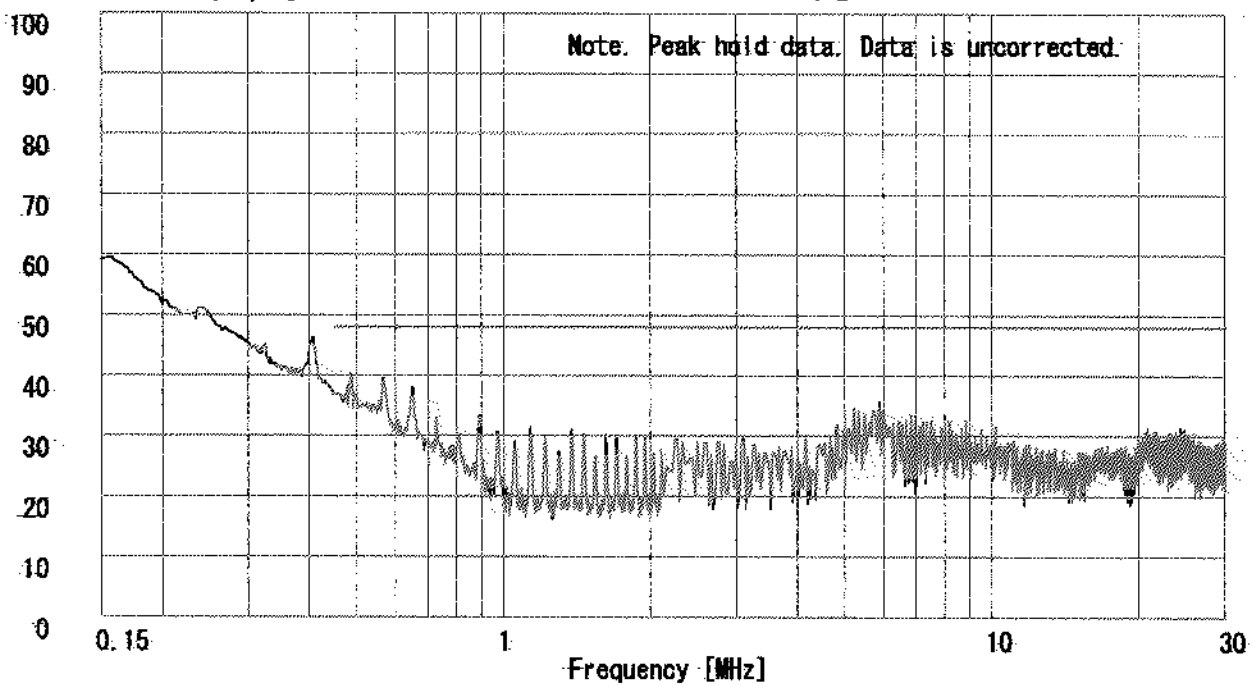
Emission Level [dB μ V]

PHASE:N



Emission Level [dB μ V]

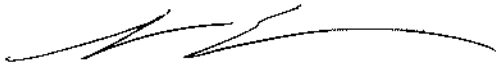
PHASE:L1



DATA OF CONDUCTION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No. : 21AE0018-YW-1
FCC ID:AK8ERA-201D1

Applicant : Sony Corporation
Kind of Equipment : Wireless LAN Card
Model No. : ERA-201D1
Serial No. :
Power : DC3.3V (PC:AC120V/60Hz)
Mode : Standby
Remarks :
Date : 11/1/2000
Phase : Single Phase
Temperature : 21 °C
Humidity : 67 %
Regulation : FCC Part15B CLASS B


Engineer : Naoki Sakamoto

No.	FREQ. [MHz]	READING (N)		READING (L1)		LISN FACTOR [dBuV]	CABLE LOSS [dBuV]	ATTEN. [dBuV]	RESULT		LIMITS		MARGIN	
		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]				QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]
1.	0.4863	39.9	-	39.0	-	0.1	0.2	0.0	40.2	-	48.0	0.0	7.8	-
2.	0.5707	34.9	-	35.7	-	0.1	0.2	0.0	36.0	-	48.0	0.0	12.0	-
3.	1.1398	28.1	-	29.1	-	0.1	0.2	0.0	29.4	-	48.0	0.0	18.6	-
4.	4.8923	30.4	-	29.0	-	0.3	0.4	0.0	31.1	-	48.0	0.0	16.9	-
5.	5.9504	33.2	-	34.0	-	0.4	0.4	0.0	34.8	-	48.0	0.0	13.2	-
6.	10.1895	26.8	-	26.7	-	0.7	0.5	0.0	28.0	-	48.0	0.0	20.0	-
7.	20.4603	25.3	-	25.0	-	1.3	0.7	0.0	27.3	-	48.0	0.0	20.7	-
8.	23.6354	24.9	-	26.0	-	1.4	0.8	0.0	28.2	-	48.0	0.0	19.8	-

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

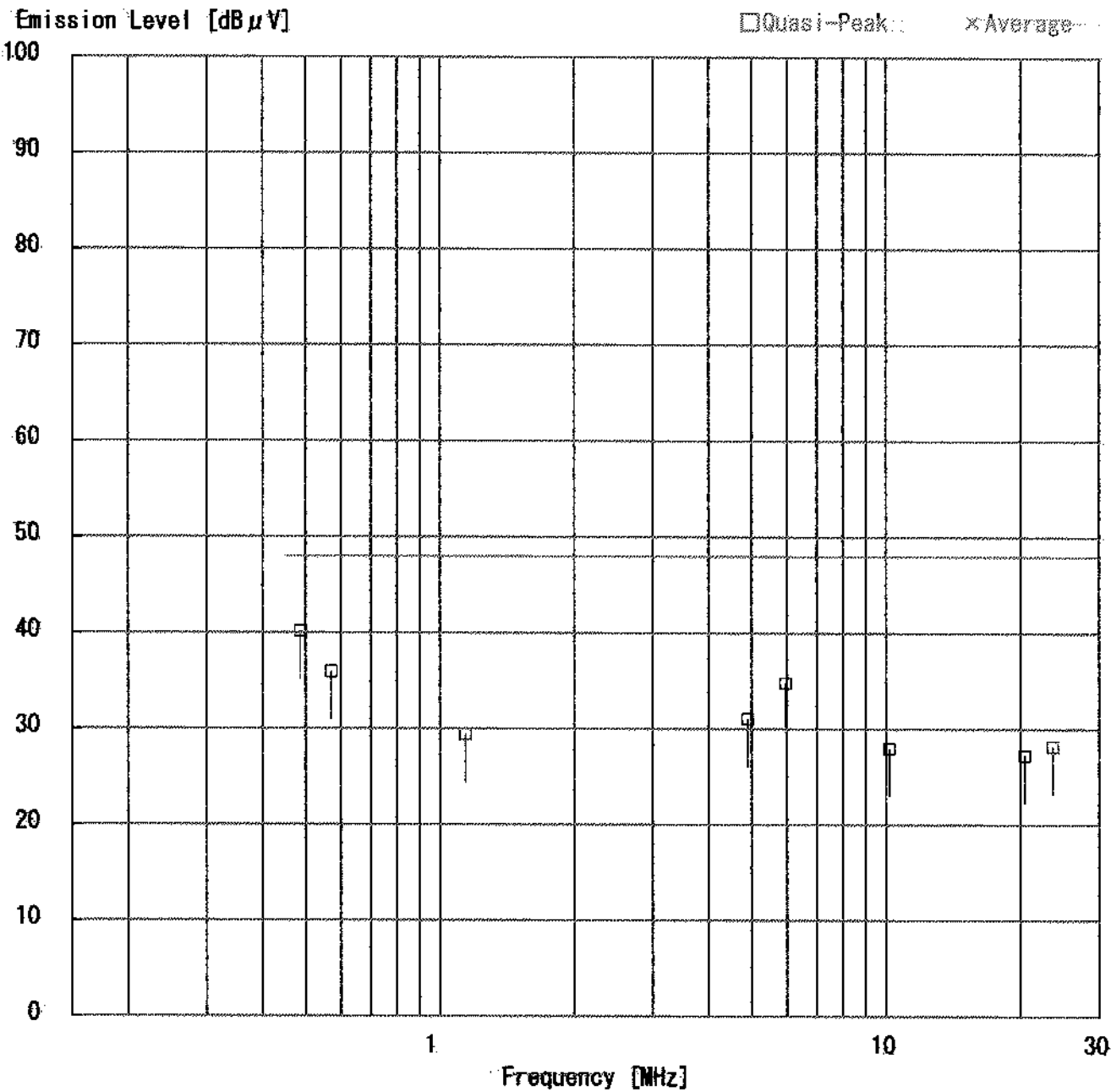
Except for the above table: adequate margin data below the limits.

DATA OF CONDUCTION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOWA No.2 OPEN TEST SITE
Report No. : 21AE0018-YW-1
FCC ID:AK8ERA-201D1

Applicant : Sony Corporation
Kind of Equipment : Wireless LAN Card
Model No. : ERA-201D1
Serial No. :
Power : DC3.3V (PC: AC120V/60Hz)
Mode : Standby
Remarks :
Date : 11/1/2000
Phase : Single Phase
Temperature : 21 °C
Humidity : 67 %
Regulation : FCC Part15B CLASS B


Engineer : Naoki Sakamoto



DATA OF CONDUCTION TEST CHART

A-PEX INTERNATIONAL CO., LTD.

YOKOWA No.2 OPEN TEST SITE

Report No. : 21AE0018-YW-1

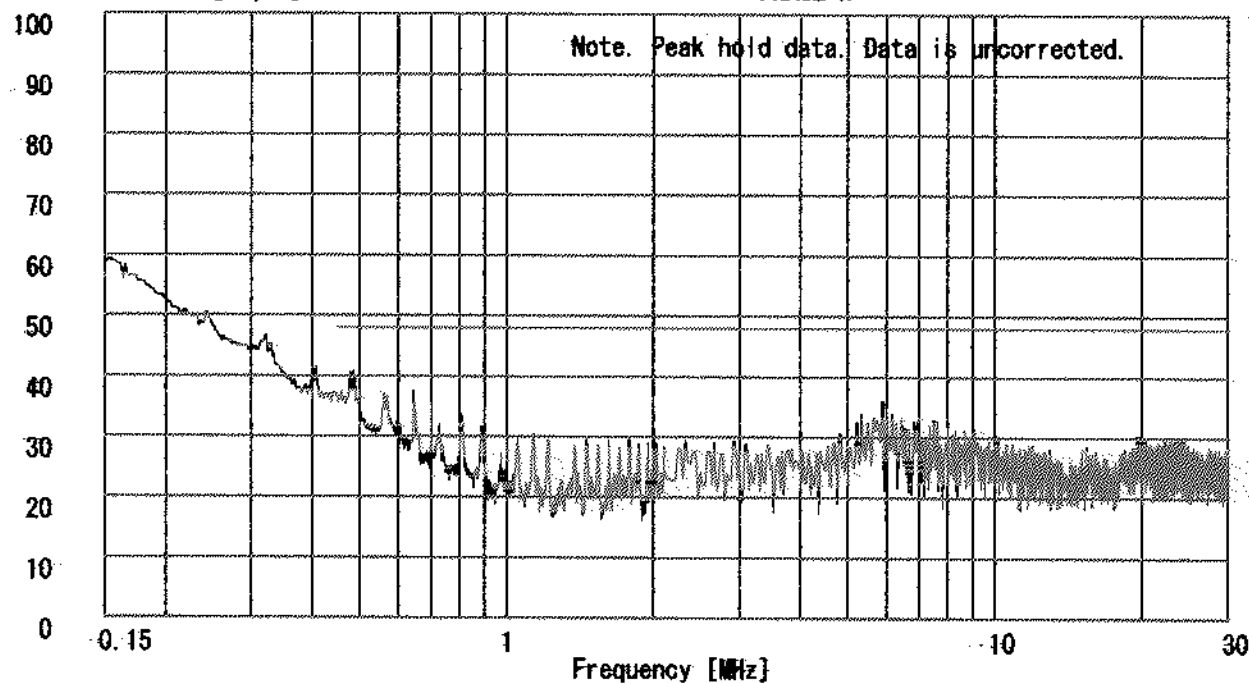
FCC ID:AK8ERA-201D1

Applicant : Sony Corporation
Kind of Equipment : Wireless LAN Card
Model No. : ERA-201D1
Serial No. :
Power : DC3.3V (PC: AC120V/60Hz)
Mode : Standby
Remarks :
Date : 11/1/2000
Phase : Single Phase
Temperature : 21 °C
Humidity : 67 %
Regulation 1 : FCC Part15B CLASS B
Regulation 2 : None

Engineer : Naoki Sakamoto

Emission Level [dB μ V]

PHASE:N



Emission Level [dB μ V]

PHASE:L1

