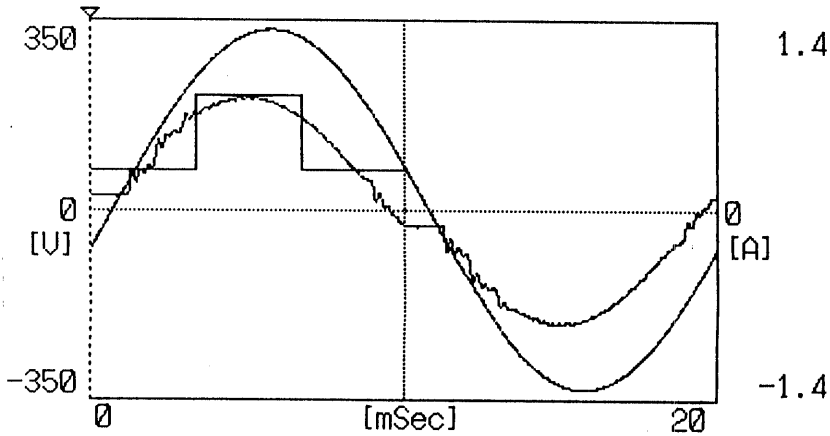




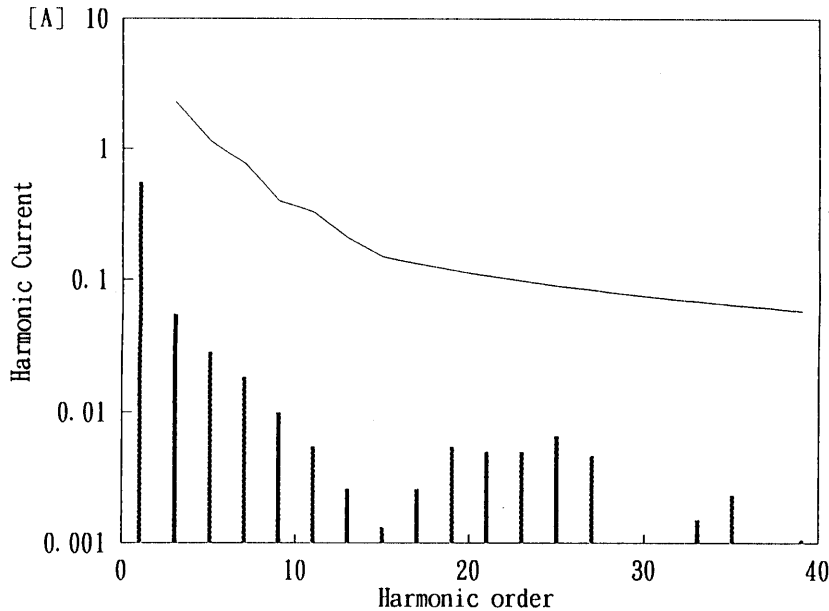
Model		PAA100F-12	Temperature		25°C
Item		Harmonic Current 高調波電流	Testing Circuitry		Figure E
Object					

1. Input Current Waveform



Conditions	Values
Input Voltage [V]	230.8
Input Current [A]	0.55
Active Power [W]	123.1
Apparent Power [VA]	127.4
Frequency [Hz]	50
Power Factor	0.966
Output Power [W]	100

2. Harmonic Current



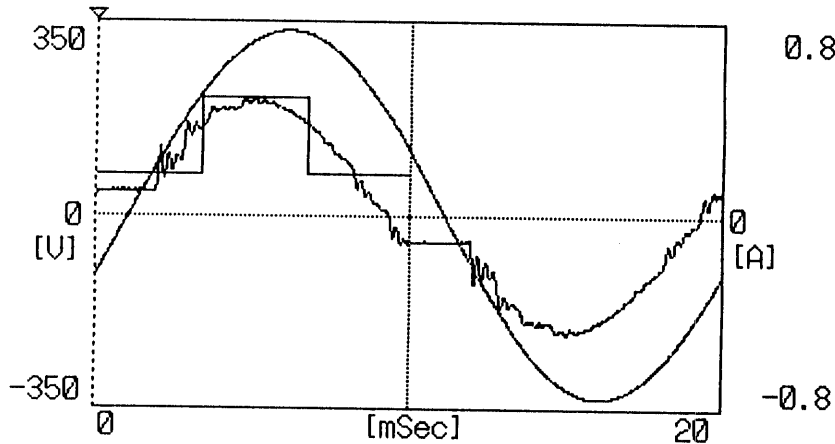
— Harmonic Current
 高調波電流
 — Limits for Class A equipment of odd harmonics
 クラスAの機器に対する高調波奇数次限度値

Harmonics order 高調波次数	Limits 限度値 [A]	Values 測定値 [A]
1	—	0.55278
2	—	0.00016
3	2.30000	0.05491
4	—	0.00002
5	1.14000	0.02857
6	—	0.00007
7	0.77000	0.01839
8	—	0.00003
9	0.40000	0.00991
10	—	0.00004
11	0.33000	0.00541
12	—	0.00006
13	0.21000	0.00258
14	—	0.00001
15	0.15000	0.00132
16	—	0.00001
17	0.13235	0.00260
18	—	0.00004
19	0.11842	0.00544
20	—	0.00002
21	0.10714	0.00494
22	—	0.00002
23	0.09783	0.00496
24	—	0.00002
25	0.09000	0.00661
26	—	0.00002
27	0.08333	0.00466
28	—	0.00003
29	0.07759	0.00091
30	—	0.00003
31	0.07258	0.00022
32	—	0.00002
33	0.06818	0.00151
34	—	0.00002
35	0.06429	0.00232
36	—	0.00002
37	0.06081	0.00077
38	—	0.00003
39	0.05769	0.00106
40	—	0.00004



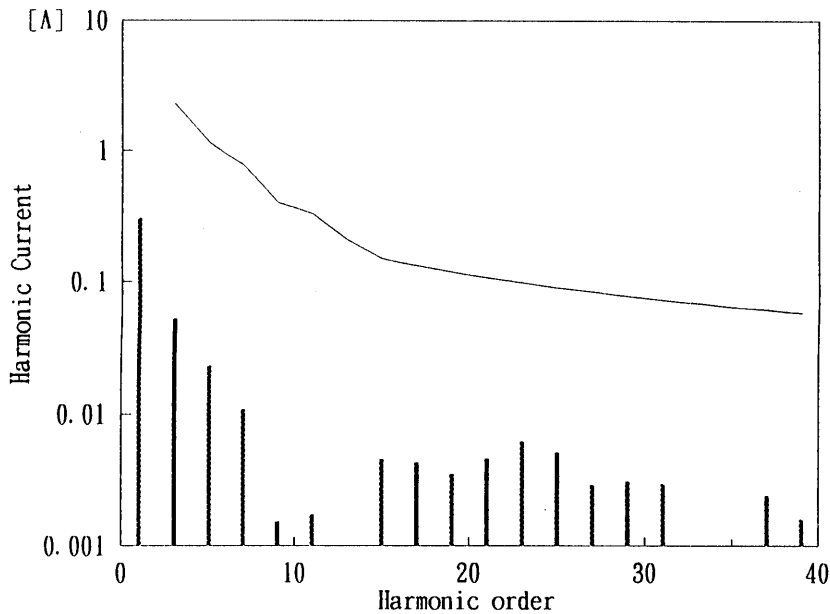
Model	PAA100F-12	Temperature	25°C
Item	Harmonic Current 高調波電流	Testing Circuitry	Figure E
Object			

1. Input Current Waveform



Conditions	Values
Input Voltage [V]	231
Input Current [A]	0.31
Active Power [W]	64.5
Apparent Power [VA]	71
Frequency [Hz]	50
Power Factor	0.908
Output Power [W]	50

2. Harmonic Current



— Harmonic Current
 高調波電流
 - - - Limits for Class A equipment of odd harmonics
 クラスAの機器に対する高調波奇数次限度値

Harmonics order 高調波次数	Limits 限度値 [A]	Values 測定値 [A]
1	-	0.30477
2	-	0.00010
3	2.30000	0.05222
4	-	0.00001
5	1.14000	0.02339
6	-	0.00009
7	0.77000	0.01085
8	-	0.00003
9	0.40000	0.00152
10	-	0.00004
11	0.33000	0.00173
12	-	0.00005
13	0.21000	0.00029
14	-	0.00001
15	0.15000	0.00455
16	-	0.00002
17	0.13235	0.00429
18	-	0.00005
19	0.11842	0.00352
20	-	0.00002
21	0.10714	0.00457
22	-	0.00002
23	0.09783	0.00625
24	-	0.00003
25	0.09000	0.00511
26	-	0.00003
27	0.08333	0.00291
28	-	0.00002
29	0.07759	0.00310
30	-	0.00005
31	0.07258	0.00297
32	-	0.00005
33	0.06818	0.00070
34	-	0.00007
35	0.06429	0.00072
36	-	0.00011
37	0.06081	0.00243
38	-	0.00015
39	0.05769	0.00159
40	-	0.00010

*****<I P S Corporation>*****
 <<< RADIATED EMISSION >>>

4 July, 1996 14:00
 Page 1

Model : COSEL PAA100F-12
 Serial No. : 5
 Standard : EN55022 Class B
 Condition File : EN55022B
 Condition :
 Remarks : EUT NAME : Power Supply
 :
 : FILE No. : 006
 AC Power : 230 V 50 Hz
 Temperature : 29 deg.
 Humidity : 48 %
 Operator : Y. NAGAHARA



 ----- Final Result -----

- Horizontal Polarization -

No.	Frequency [MHz]	Reading [dBuV]	c.f. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]
1	68.447	27.6	-15.5	12.1	30.0	17.9
2	76.887	38.9	-14.7	24.2	30.0	5.8
3	88.797	24.8	-13.0	11.8	30.0	18.2
4	110.195	29.0	-9.7	19.3	30.0	10.7
5	121.115	32.8	-8.9	23.9	30.0	6.1
6	126.503	34.3	-8.8	25.5	30.0	4.5
7	133.689	27.3	-8.7	18.6	30.0	11.4
8	155.679	21.8	-9.0	12.8	30.0	17.2

- Vertical Polarization -

No.	Frequency [MHz]	Reading [dBuV]	c.f. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]
9	40.958	29.4	-10.2	19.2	30.0	10.8
10	48.560	30.9	-14.0	16.9	30.0	13.1
11	68.630	35.3	-15.5	19.8	30.0	10.2
12	76.504	38.3	-14.8	23.5	30.0	6.5
13	88.252	28.7	-13.1	15.6	30.0	14.4
14	110.628	33.1	-9.7	23.4	30.0	6.6
15	120.281	35.8	-8.9	26.9	30.0	3.1
16	126.372	33.8	-8.8	25.0	30.0	5.0
17	133.564	25.0	-8.7	16.3	30.0	13.7

< I P S Corporation >

I P S EMC SITE

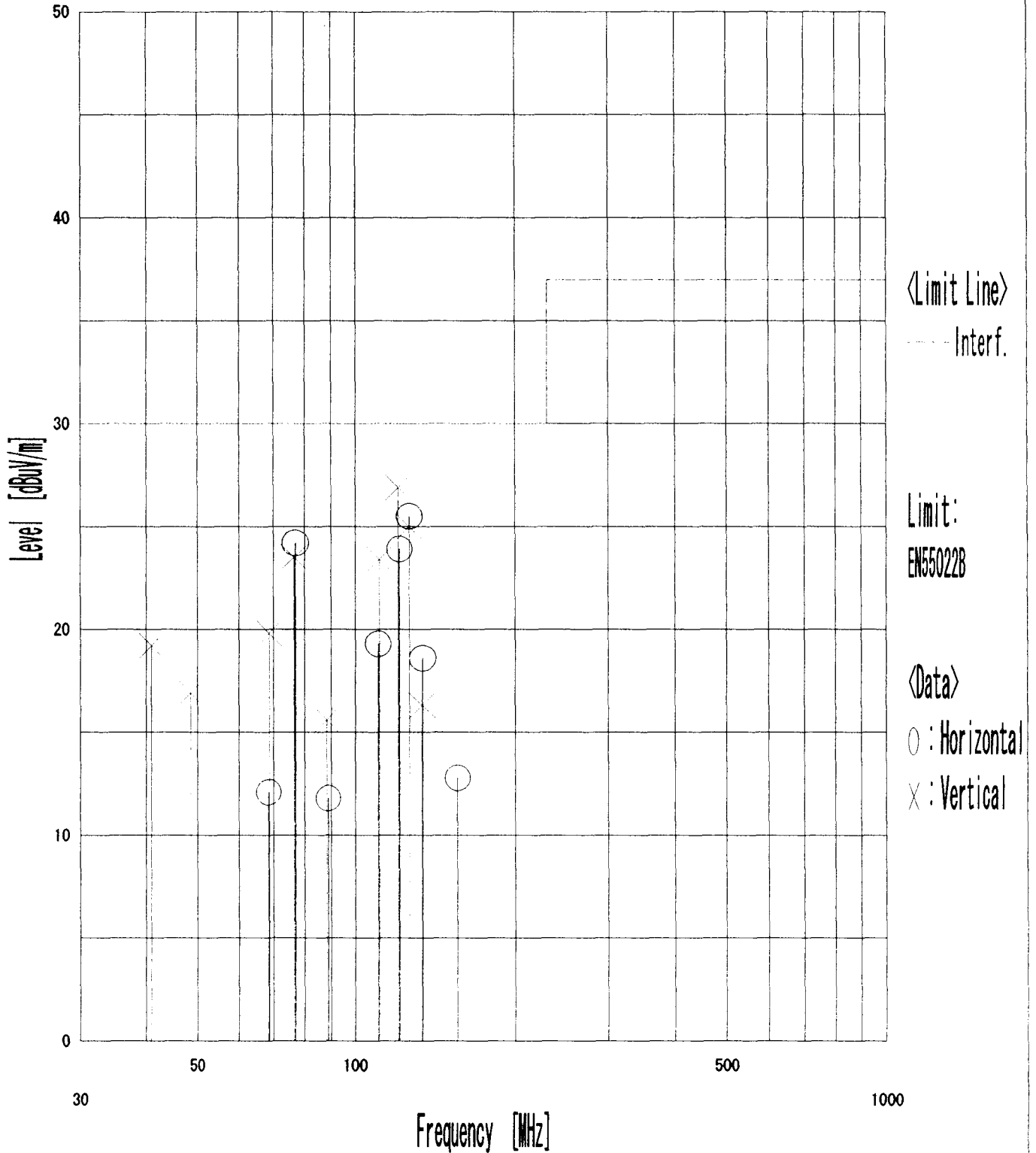
<<< RADIATED EMISSION >>>

Date/Time : 4 July, 1996 14:00

Model : COSEL PAA100F-12
Serial No. : 5
Remarks : EUT NAME : Power Supply

Standard : EN55022 Class B
Operator : Y. NAGAHARA

FILE No. : 006



***** <I P S Corporation> *****
 <<< CONDUCTED EMISSION >>>

3 July, 1996 16:36
 Page 1

Model : COSEL PAA100F-12
 Serial No. : 5
 Standard : EN55022 Class B
 Condition File : EN55022B
 Remark : EUT NAME : Power Supply
 :
 : FILE No. : 006
 AC Power : 230 V 50 Hz
 Temperature : 29 deg.
 Humidity : 55 %
 Operator : Y.NAGAHARA



----- Results -----

No.	Frequency [MHz]	Reading		c.f. [dB]	Result		Limit		Margin	
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]
Phase N										
1	0.15000	22.2		10.0	32.2		66.0	56.0	33.8	
2	0.18180	22.3		10.0	32.3		64.4	54.4	32.1	
3	0.27570	17.0		10.0	27.0		60.9	50.9	33.9	
4	0.69080	16.4		10.0	26.4		56.0	46.0	29.6	
5	1.24570	14.2		10.0	24.2		56.0	46.0	31.8	
6	4.84870	16.4		10.0	26.4		56.0	46.0	29.6	
7	6.23470	18.5		10.0	28.5		60.0	50.0	31.5	
8	12.88480	22.8		10.0	32.8		60.0	50.0	27.2	
9	16.21080	27.0		10.0	37.0		60.0	50.0	23.0	
10	29.65230	19.0		10.0	29.0		60.0	50.0	31.0	
Phase L1										
1	0.15000	22.5		10.0	32.5		66.0	56.0	33.5	
2	0.18160	25.5		10.0	35.5		64.4	54.4	28.9	
3	0.27590	21.6		10.0	31.6		60.9	50.9	29.3	
4	0.69170	16.0		10.0	26.0		56.0	46.0	30.0	
5	1.24590	14.5		10.0	24.5		56.0	46.0	31.5	
6	4.01740	14.0		10.0	24.0		56.0	46.0	32.0	
7	7.20390	19.3		10.0	29.3		60.0	50.0	30.7	
8	12.88420	22.5		10.0	32.5		60.0	50.0	27.5	
9	15.93240	26.0		10.0	36.0		60.0	50.0	24.0	
10	29.92580	21.9		10.0	31.9		60.0	50.0	28.1	

<<< CONDUCTED EMISSION >>>

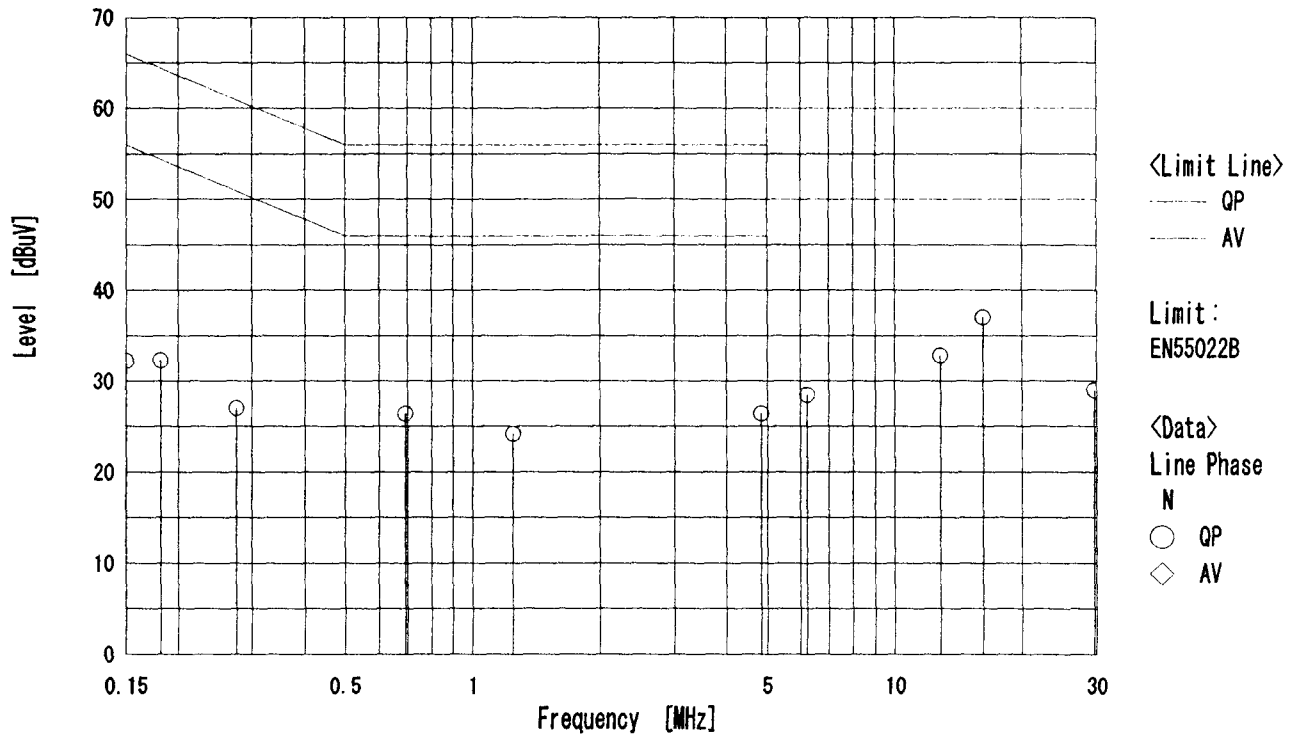
Date: 3 July, 1996

I P S EMC SITE

Model : COSEL PAA100F-12
 Serial No. : 5
 Remarks : EUT NAME : Power Supply

Standard : EN55022 Class B
 Operator : Y. NAGAHARA

FILE No. : 006



<I P S Corporation>
 I P S EMC SITE

<<< CONDUCTED EMISSION >>>

Date: 3 July, 1996

Model : COSEL PAA100F-12
 Serial No. : 5
 Remarks : EUT NAME : Power Supply

Standard : EN55022 Class B
 Operator : Y. NAGAHARA

FILE No. : 006

