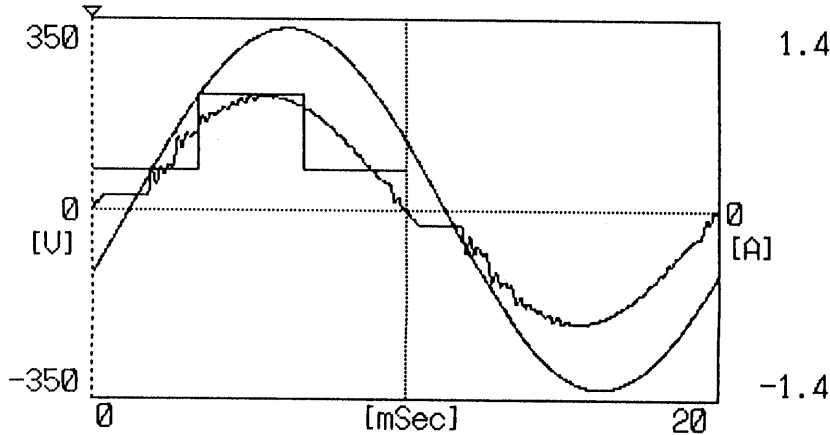




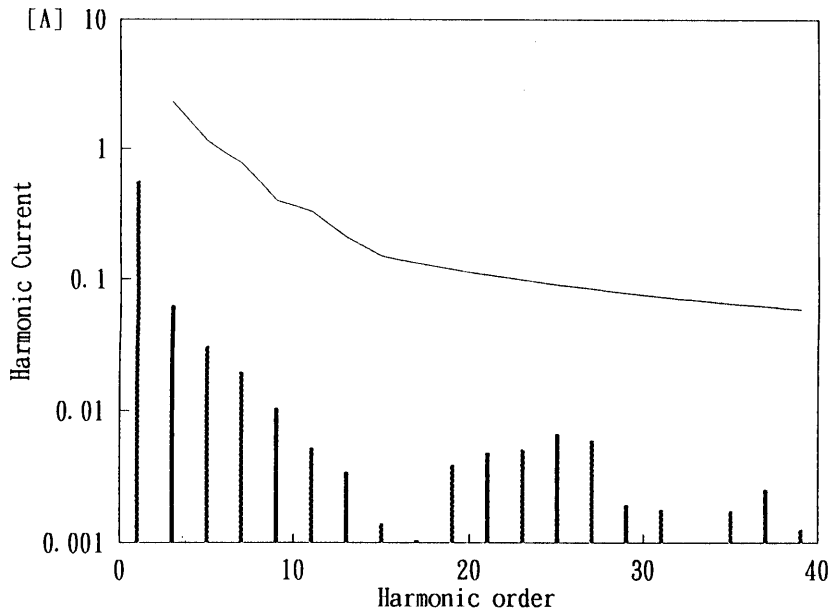
Model	PAA100F-24	Temperature	25°C
Item	Harmonic Current 高調波電流	Testing Circuitry	Figure E
Object			

1. Input Current Waveform



Conditions	Values
Input Voltage [V]	231
Input Current [A]	0.56
Active Power [W]	126.1
Apparent Power [VA]	130.3
Frequency [Hz]	50
Power Factor	0.968
Output Power [W]	100

2. Harmonic Current



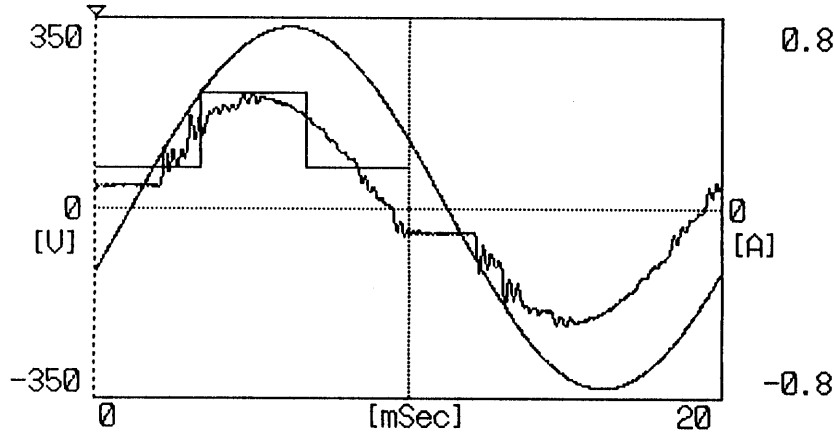
Harmonic Current  
 高調波電流  
 Limits for Class A equipment of odd harmonics  
 クラスAの機器に対する高調波奇数次限度値

Harmonics order 高調波次数	Limits 限度値 [A]	Values 測定値 [A]
1	—	0.56473
2	—	0.00015
3	2.30000	0.06249
4	—	0.00001
5	1.14000	0.03086
6	—	0.00007
7	0.77000	0.01982
8	—	0.00003
9	0.40000	0.01045
10	—	0.00003
11	0.33000	0.00519
12	—	0.00006
13	0.21000	0.00341
14	—	0.00002
15	0.15000	0.00140
16	—	0.00002
17	0.13235	0.00104
18	—	0.00005
19	0.11842	0.00387
20	—	0.00001
21	0.10714	0.00480
22	—	0.00002
23	0.09783	0.00508
24	—	0.00002
25	0.09000	0.00667
26	—	0.00002
27	0.08333	0.00592
28	—	0.00002
29	0.07759	0.00193
30	—	0.00004
31	0.07258	0.00178
32	—	0.00002
33	0.06818	0.00080
34	—	0.00003
35	0.06429	0.00176
36	—	0.00002
37	0.06081	0.00254
38	—	0.00002
39	0.05769	0.00127
40	—	0.00002



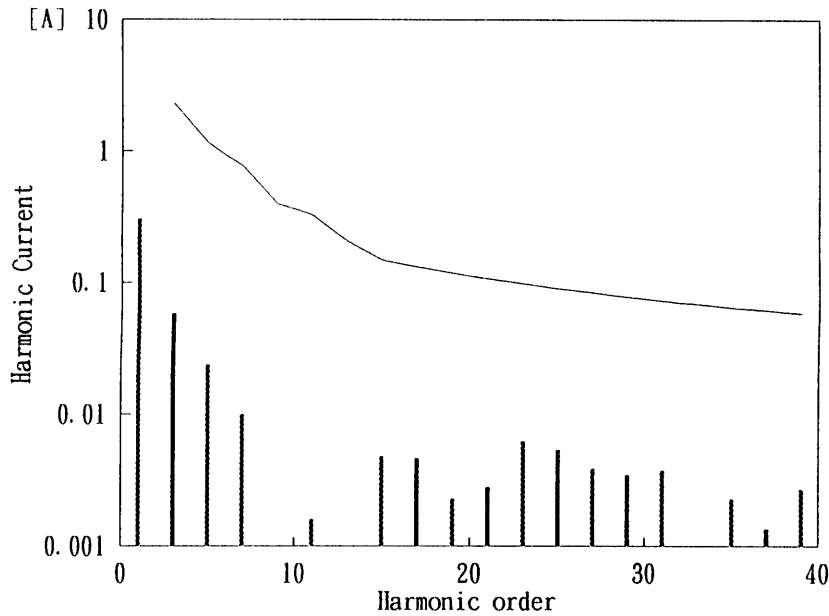
Model	PAA100F-24	Temperature	25°C
Item	Harmonic Current 高調波電流	Testing Circuitry	Figure E
Object	_____		

1. Input Current Waveform



Conditions	Values
Input Voltage [V]	231.1
Input Current [A]	0.31
Active Power [W]	66.1
Apparent Power[VA]	72.4
Frequency [Hz]	50
Power Factor	0.913
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	-	0.30933
2	-	0.00004
3	2.30000	0.05793
4	-	0.00002
5	1.14000	0.02377
6	-	0.00006
7	0.77000	0.01000
8	-	0.00002
9	0.40000	0.00089
10	-	0.00002
11	0.33000	0.00159
12	-	0.00004
13	0.21000	0.00049
14	-	0.00001
15	0.15000	0.00483
16	-	0.00002
17	0.13235	0.00465
18	-	0.00004
19	0.11842	0.00228
20	-	0.00001
21	0.10714	0.00279
22	-	0.00003
23	0.09783	0.00620
24	-	0.00003
25	0.09000	0.00538
26	-	0.00002
27	0.08333	0.00389
28	-	0.00002
29	0.07759	0.00347
30	-	0.00003
31	0.07258	0.00375
32	-	0.00003
33	0.06818	0.00074
34	-	0.00003
35	0.06429	0.00229
36	-	0.00002
37	0.06081	0.00135
38	-	0.00003
39	0.05769	0.00272
40	-	0.00002

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

4 July, 1996 10:55  
Page 1

Model : COSEL PAA100F-24  
Serial No. :  
Standard : EN55022 Class B  
Condition File : EN55022B  
Condition :  
Remarks : EUT NAME : Power Supply  
:  
: FILE No. : 009  
AC Power : 230 V 50 Hz  
Temperature : 26 deg.  
Humidity : 55 %  
Operator : Y.NAGAHARA



\*\*\*\*\*  
----- Final Result -----

- Horizontal Polarization -

No.	Frequency [MHz]	Reading [dBuV]	c.f. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]
1	46.112	25.7	-13.1	12.6	30.0	17.4
2	87.631	26.7	-13.2	13.5	30.0	16.5
3	106.384	37.8	-10.2	27.6	30.0	2.4
4	130.065	26.1	-8.8	17.3	30.0	12.7
5	134.495	25.7	-8.7	17.0	30.0	13.0
6	142.743	25.6	-8.7	16.9	30.0	13.1
7	162.580	22.0	-9.2	12.8	30.0	17.2

- Vertical Polarization -

No.	Frequency [MHz]	Reading [dBuV]	c.f. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]
8	45.986	40.6	-13.0	27.6	30.0	2.4
9	81.103	33.1	-14.3	18.8	30.0	11.2
10	85.563	30.5	-13.5	17.0	30.0	13.0
11	96.017	31.3	-11.7	19.6	30.0	10.4
12	106.149	39.7	-10.2	29.5	30.0	0.5
13	131.396	25.4	-8.8	16.6	30.0	13.4

< I P S Corporation >

<< RADIATED EMISSION >>

Date/Time : 4 July, 1996 10:55

I P S EMC SITE

Model : COSEL PAA100F-24

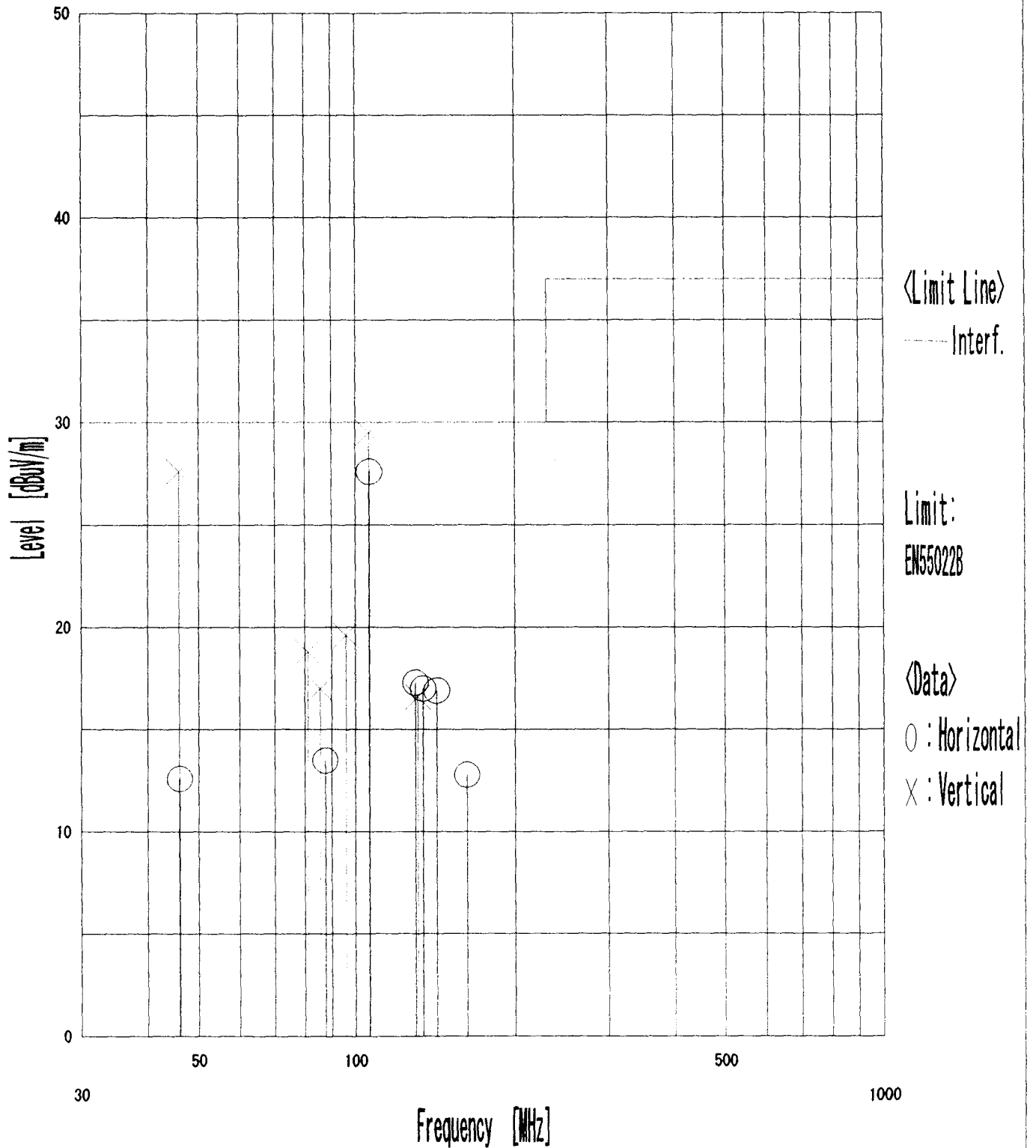
Standard : EN55022 Class B

Serial No. :

Operator : Y. NAGAHARA

Remarks : EUT NAME : Power Supply

FILE No. : 009



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

3 July, 1996 17:11  
 Page 1

Model : COSEL PAA100F-24  
 Serial No. :  
 Standard : EN55022 Class B  
 Condition File : EN55022B  
 Remark : EUT NAME : Power Supply  
 :  
 : FILE No. : 009  
 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	18.7		10.0	28.7		66.0	56.0	37.3	
2	0.18550	25.3		10.0	35.3		64.2	54.2	28.9	
3	0.27810	13.0		10.0	23.0		60.9	50.9	37.9	
4	0.53920	8.3		10.0	18.3		56.0	46.0	37.7	
5	2.97750	12.4		10.0	22.4		56.0	46.0	33.6	
6	4.87350	18.9		10.0	28.9		56.0	46.0	27.1	
7	5.68560	20.4		10.0	30.4		60.0	50.0	29.6	
8	12.86160	22.2		10.0	32.2		60.0	50.0	27.8	
9	16.11120	27.3		10.0	37.3		60.0	50.0	22.7	
10	19.49640	20.4		10.0	30.4		60.0	50.0	29.6	
11	29.65060	17.0		10.0	27.0		60.0	50.0	33.0	
Phase L1										
1	0.15000	19.0		10.0	29.0		66.0	56.0	37.0	
2	0.18530	25.7		10.0	35.7		64.2	54.2	28.5	
3	0.26950	20.0		10.0	30.0		61.1	51.1	31.1	
4	0.67620	13.6		10.0	23.6		56.0	46.0	32.4	
5	1.08210	13.8		10.0	23.8		56.0	46.0	32.2	
6	4.87550	18.2		10.0	28.2		56.0	46.0	27.8	
7	6.22980	20.8		10.0	30.8		60.0	50.0	29.2	
8	12.86570	20.5		10.0	30.5		60.0	50.0	29.5	
9	16.11550	26.3		10.0	36.3		60.0	50.0	23.7	
10	19.77240	20.7		10.0	30.7		60.0	50.0	29.3	
11	29.92900	20.0		10.0	30.0		60.0	50.0	30.0	



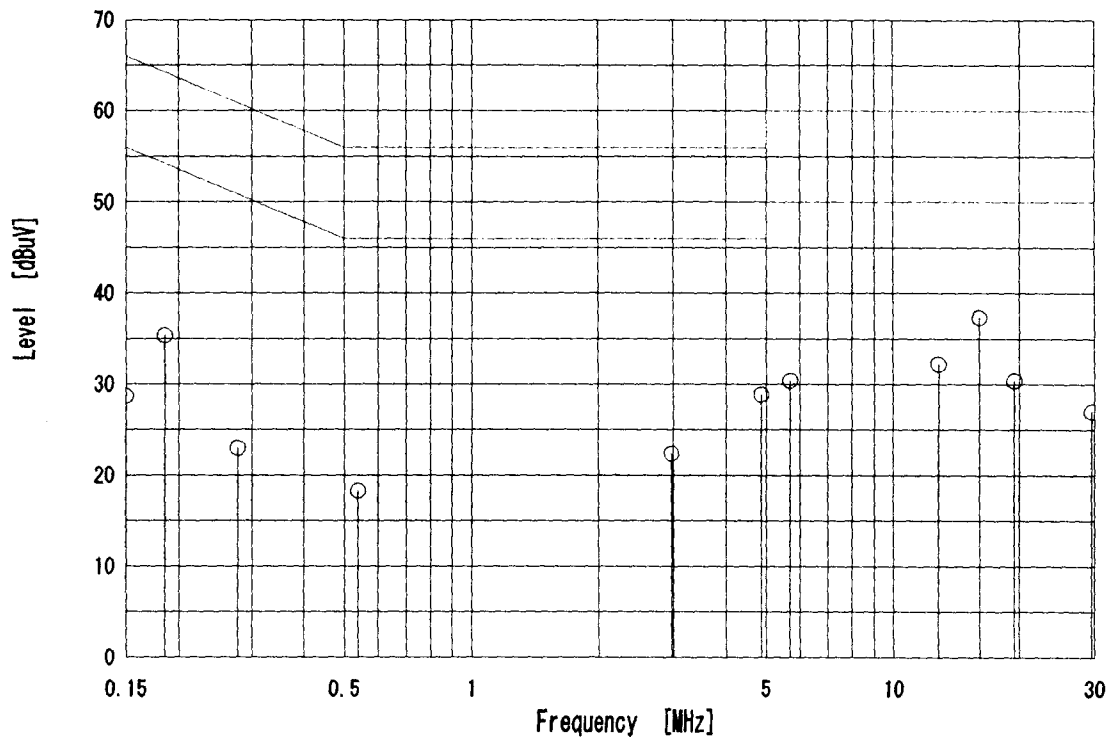
<<< CONDUCTED EMISSION >>>

Date: 3 July, 1996

Model : COSEL PAA100F-24  
 Serial No. :  
 Remarks : EUT NAME : Power Supply

Standard : EN55022 Class B  
 Operator : Y. NAGAHARA

FILE No. : 009



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 - - - QP  
 - - - AV

Limit:  
 EN55022B

<Data>  
 Line Phase  
 N  
 ○ QP  
 ◇ AV

<I P S Corporation>  
 I P S EMC SITE

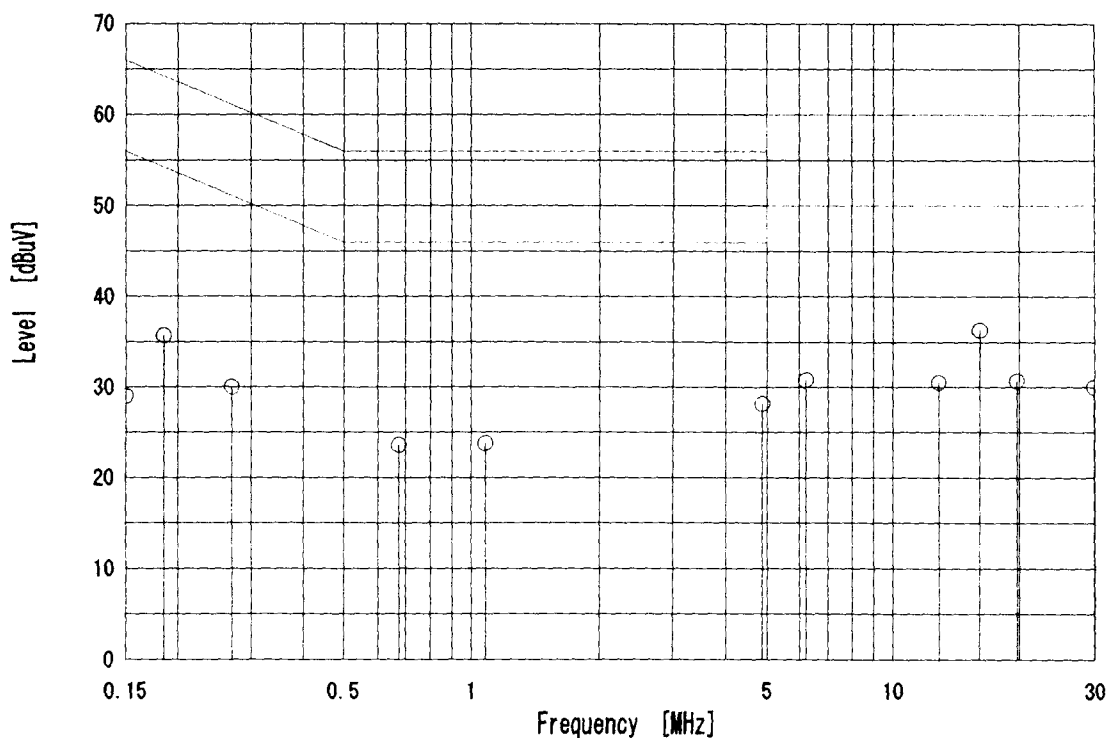
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Date: 3 July, 1996

Model : COSEL PAA100F-24  
 Serial No. :  
 Remarks : EUT NAME : Power Supply

Standard : EN55022 Class B  
 Operator : Y. NAGAHARA

FILE No. : 009



<Limit Line>  
 - - - QP  
 - - - AV

Limit:  
 EN55022B

<Data>  
 Line Phase  
 L1  
 ○ QP  
 ◇ AV