



TAIWAN TOKIN EMC ENG. CORP.
台灣東金科技股份有限公司

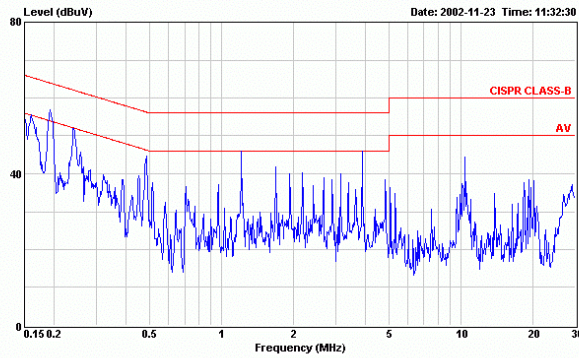
No.53-11, Tin-fu Tsun, Lin-kou Hsiang,
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Data#: 28 File#: D:\Lg.emi



Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) NEUTRAL
EUT : Plasma Monitor M/N:MU-42P241V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : 1024*768 / 60Hz;48KHz(DVI)

Data#: 29 File#: D:\Lg.emi

Date: 2002-11-23 Time: 11:33:43

Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) NEUTRAL
EUT : Plasma Monitor M/N:MU-42P241V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : 1024*768 / 60Hz;48KHz(DVI)

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.150	53.03	-12.97	66.00	52.43	0.40	0.20	QP
2	0.192	55.81	-8.16	63.97	55.41	0.20	0.20	QP
3	0.242	50.76	-11.28	62.04	50.36	0.20	0.20	QP
4	0.481	43.40	-12.91	56.31	42.80	0.40	0.20	QP
5	1.207	44.08	-11.92	56.00	43.28	0.40	0.40	QP
6	3.871	45.28	-10.72	56.00	44.48	0.40	0.40	QP
7	19.252	37.02	-22.98	60.00	35.42	0.90	0.70	QP

Data#: 30 File#: D:\Lg.emi

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.150	47.78	-8.22	56.00	47.18	0.40	0.20	Average
2	0.192	44.13	-9.84	53.97	43.73	0.20	0.20	Average
3	0.242	39.94	-12.10	52.04	39.54	0.20	0.20	Average
4	0.481	33.17	-13.14	46.31	32.57	0.40	0.20	Average
5	1.207	32.61	-13.39	46.00	31.81	0.40	0.40	Average
6	3.871	34.13	-11.87	46.00	33.33	0.40	0.40	Average
7	19.252	24.58	-25.42	50.00	22.98	0.90	0.70	Average



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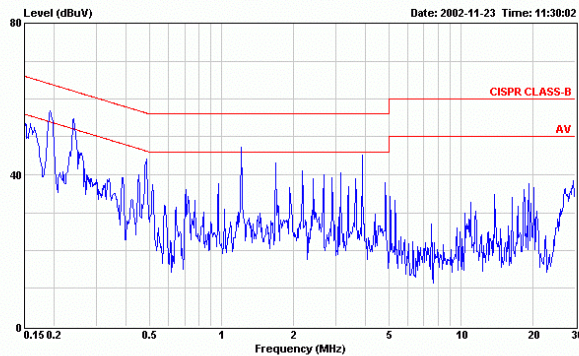
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Data#: 25 File#: D:\Lg.emi



Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) LINE
EUT : Plasma Monitor M/N:MU-42P241V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : 1024*768 / 60Hz;48KHz(DVI)

Data#: 26 File#: D:\Lg.emi

Date: 2002-11-23 Time: 11:31:32

Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) LINE
EUT : Plasma Monitor M/N:MU-42P241V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : 1024*768 / 60Hz;48KHz(DVI)

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.150	53.07	-12.93	66.00	52.47	0.40	0.20	QP
2	0.192	55.97	-8.00	63.97	55.57	0.20	0.20	QP
3	0.242	53.37	-8.67	62.04	52.97	0.20	0.20	QP
4	0.481	42.74	-13.57	56.31	42.14	0.40	0.20	QP
5	1.210	45.65	-10.35	56.00	44.85	0.40	0.40	QP
6	3.870	45.10	-10.90	56.00	44.30	0.40	0.40	QP
7	19.252	35.49	-24.51	60.00	33.89	0.90	0.70	QP

Data#: 27 File#: D:\Lg.emi

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.150	47.53	-8.47	56.00	46.93	0.40	0.20	Average
2	0.192	43.29	-10.68	53.97	42.89	0.20	0.20	Average
3	0.242	42.56	-9.48	52.04	42.16	0.20	0.20	Average
4	0.481	32.46	-13.85	46.31	31.86	0.40	0.20	Average
5	1.210	33.82	-12.18	46.00	33.02	0.40	0.40	Average
6	3.870	34.03	-11.97	46.00	33.23	0.40	0.40	Average
7	19.252	23.15	-26.85	50.00	21.55	0.90	0.70	Average



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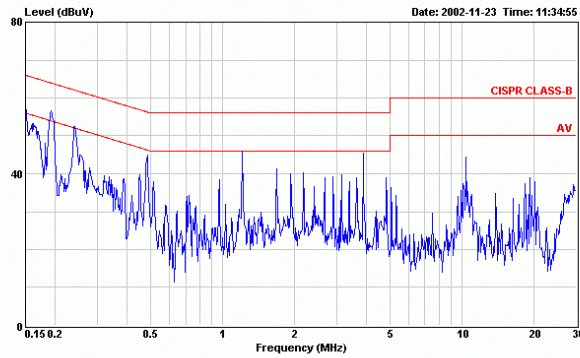
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Data#: 31 File#: D:\Lg.emi



Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) NEUTRAL
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : 1280*1024 / 60Hz;64KHz(DVI)

Data#: 32 File#: D:\Lg.emi

Date: 2002-11-23 Time: 11:36:18

Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) NEUTRAL
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : 1280*1024 / 60Hz;64KHz(DVI)

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.150	53.86	-12.14	66.00	53.26	0.40	0.20	QP
2	0.192	55.83	-8.14	63.97	55.43	0.20	0.20	QP
3	0.242	51.02	-11.02	62.04	50.62	0.20	0.20	QP
4	0.483	44.23	-12.06	56.29	43.63	0.40	0.20	QP
5	1.209	44.93	-11.07	56.00	44.13	0.40	0.40	QP
6	3.871	45.52	-10.48	56.00	44.72	0.40	0.40	QP
7	19.252	36.88	-23.12	60.00	35.28	0.90	0.70	QP

Data#: 33 File#: D:\Lg.emi

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.150	48.17	-7.83	56.00	47.57	0.40	0.20	Average
2	0.192	46.15	-7.82	53.97	45.75	0.20	0.20	Average
3	0.242	39.74	-12.30	52.04	39.34	0.20	0.20	Average
4	0.483	33.01	-13.28	46.29	32.41	0.40	0.20	Average
5	1.209	32.58	-13.42	46.00	31.78	0.40	0.40	Average
6	3.871	33.55	-12.45	46.00	32.75	0.40	0.40	Average
7	19.252	22.69	-27.31	50.00	21.09	0.90	0.70	Average



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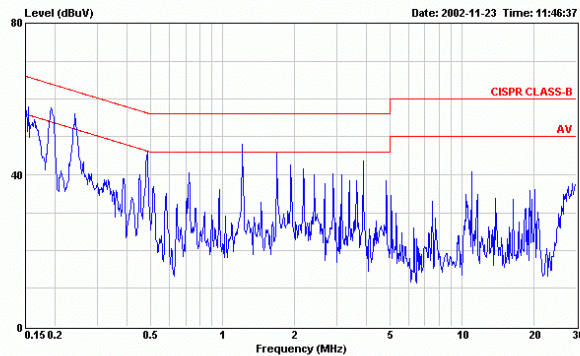
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Data#: 40 File#: D:\Lg.emi



Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) LINE
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : 1280*1024 / 60Hz;64KHz(DVI)

Data#: 41 File#: D:\Lg.emi

Date: 2002-11-23 Time: 11:47:30

Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) LINE
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : 1280*1024 / 60Hz;64KHz(DVI)

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.150	55.77	-10.23	66.00	55.17	0.40	0.20	QP
2	0.192	56.46	-7.51	63.97	56.06	0.20	0.20	QP
3	0.242	53.98	-8.06	62.04	53.58	0.20	0.20	QP
4	0.483	43.38	-12.91	56.29	42.78	0.40	0.20	QP
5	1.210	45.95	-10.05	56.00	45.15	0.40	0.40	QP
6	3.871	43.07	-12.93	56.00	42.27	0.40	0.40	QP
7	19.254	30.72	-29.28	60.00	29.12	0.90	0.70	QP

Data#: 42 File#: D:\Lg.emi

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.150	48.69	-7.31	56.00	48.09	0.40	0.20	Average
2	0.192	43.74	-10.23	53.97	43.34	0.20	0.20	Average
3	0.242	36.95	-15.09	52.04	36.55	0.20	0.20	Average
4	0.483	28.23	-18.06	46.29	27.63	0.40	0.20	Average
5	1.210	27.35	-18.65	46.00	26.55	0.40	0.40	Average
6	3.871	25.03	-20.97	46.00	24.23	0.40	0.40	Average
7	19.254	10.51	-39.49	50.00	8.91	0.90	0.70	Average



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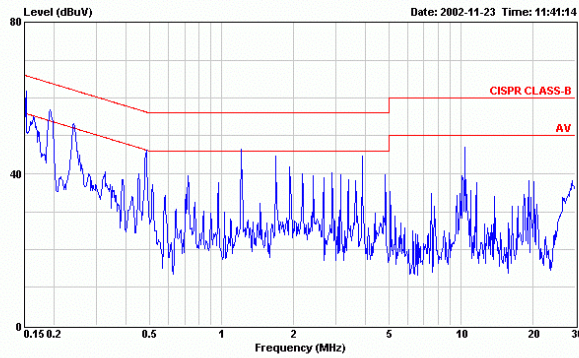
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Data#: 34 File#: D:\Lg.emi



Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) NEUTRAL
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : AV IN

Data#: 35 File#: D:\Lg.emi

Date: 2002-11-23 Time: 11:42:14

Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) NEUTRAL
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : AV IN

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
1	0.150	56.29	-9.71	66.00	55.69	0.40	0.20	QP
2	0.192	56.38	-7.59	63.97	55.98	0.20	0.20	QP
3	0.242	52.08	-9.96	62.04	51.68	0.20	0.20	QP
4	0.483	44.69	-11.60	56.29	44.09	0.40	0.20	QP
5	1.209	45.21	-10.79	56.00	44.41	0.40	0.40	QP
6	3.872	43.43	-12.57	56.00	42.63	0.40	0.40	QP
7	19.254	33.37	-26.63	60.00	31.77	0.90	0.70	QP

Data#: 36 File#: D:\Lg.emi

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
1	0.150	49.50	-6.50	56.00	48.90	0.40	0.20	Average
2	0.192	44.36	-9.61	53.97	43.96	0.20	0.20	Average
3	0.242	36.55	-15.49	52.04	36.15	0.20	0.20	Average
4	0.483	29.59	-16.70	46.29	28.99	0.40	0.20	Average
5	1.209	28.05	-17.95	46.00	27.25	0.40	0.40	Average
6	3.872	26.87	-19.13	46.00	26.07	0.40	0.40	Average
7	19.254	13.99	-36.01	50.00	12.39	0.90	0.70	Average



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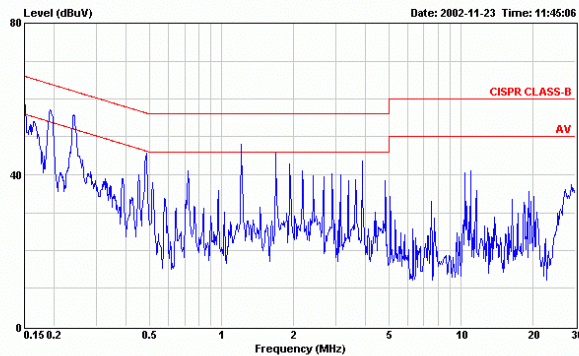
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Data#: 37 File#: D:\Lg.emi



Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) LINE
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : AV IN

Data#: 38 File#: D:\Lg.emi

Date: 2002-11-23 Time: 11:45:17

Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) LINE
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : AV IN

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
1	0.150	56.80	-9.20	66.00	56.20	0.40	0.20	QP
2	0.192	56.60	-7.37	63.97	56.20	0.20	0.20	QP
3	0.242	54.46	-7.58	62.04	54.06	0.20	0.20	QP
4	0.483	43.88	-12.41	56.29	43.28	0.40	0.20	QP
5	1.208	46.17	-9.83	56.00	45.37	0.40	0.40	QP
6	3.871	43.57	-12.43	56.00	42.77	0.40	0.40	QP
7	19.252	31.76	-28.24	60.00	30.16	0.90	0.70	QP

Data#: 39 File#: D:\Lg.emi

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
1	0.150	49.78	-6.22	56.00	49.18	0.40	0.20	Average
2	0.192	44.73	-9.24	53.97	44.33	0.20	0.20	Average
3	0.242	38.29	-13.75	52.04	37.89	0.20	0.20	Average
4	0.483	28.72	-17.57	46.29	28.12	0.40	0.20	Average
5	1.208	29.06	-16.94	46.00	28.26	0.40	0.40	Average
6	3.871	26.63	-19.37	46.00	25.83	0.40	0.40	Average
7	19.252	12.38	-37.62	50.00	10.78	0.90	0.70	Average



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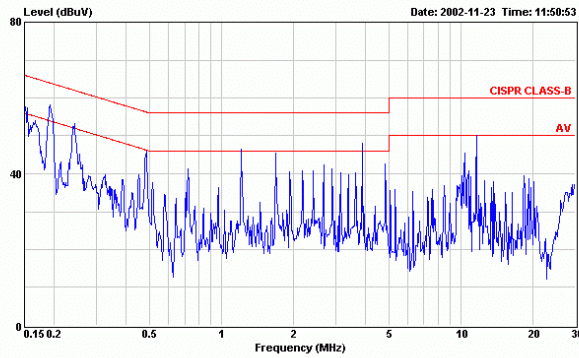
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Data#: 46 File#: D:\Lg.emi



Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) NEUTRAL
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : S IN

Data#: 47 File#: D:\Lg.emi

Date: 2002-11-23 Time: 11:51:49

Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) NEUTRAL
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : S IN

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
1	0.150	56.72	-9.28	66.00	56.12	0.40	0.20	QP
2	0.192	57.10	-6.87	63.97	56.70	0.20	0.20	QP
3	0.242	51.80	-10.24	62.04	51.40	0.20	0.20	QP
4	0.483	45.25	-11.04	56.29	44.65	0.40	0.20	QP
5	1.210	45.15	-10.85	56.00	44.35	0.40	0.40	QP
6	3.872	46.50	-9.50	56.00	45.70	0.40	0.40	QP
7	19.251	36.70	-23.30	60.00	35.10	0.90	0.70	QP

Data#: 48 File#: D:\Lg.emi

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
1	0.150	49.45	-6.55	56.00	48.85	0.40	0.20	Average
2	0.192	45.08	-8.89	53.97	44.68	0.20	0.20	Average
3	0.242	36.62	-15.42	52.04	36.22	0.20	0.20	Average
4	0.483	30.22	-16.07	46.29	29.62	0.40	0.20	Average
5	1.210	28.80	-17.20	46.00	28.00	0.40	0.40	Average
6	3.872	29.62	-16.38	46.00	28.82	0.40	0.40	Average
7	19.251	19.36	-30.64	50.00	17.76	0.90	0.70	Average



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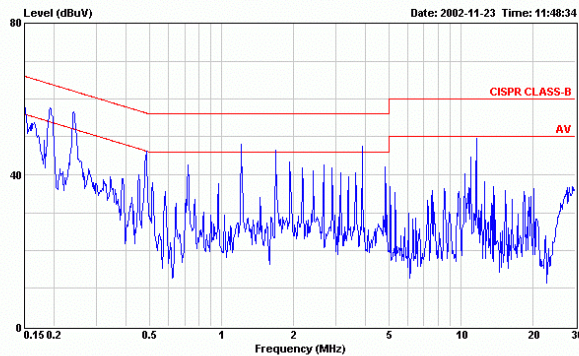
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Email:ttenc@ttenc.com.tw

Data#: 43 File#: D:\Lg.emi



Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) LINE
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : S IN

Data#: 44 File#: D:\Lg.emi

Date: 2002-11-23 Time: 11:49:59

Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) LINE
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : S IN

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
1	0.150	56.35	-9.65	66.00	55.75	0.40	0.20	QP
2	0.192	56.60	-7.37	63.97	56.20	0.20	0.20	QP
3	0.242	54.30	-7.74	62.04	53.90	0.20	0.20	QP
4	0.483	44.39	-11.90	56.29	43.79	0.40	0.20	QP
5	1.209	46.49	-9.51	56.00	45.69	0.40	0.40	QP
6	3.871	46.36	-9.64	56.00	45.56	0.40	0.40	QP
7	19.253	35.05	-24.95	60.00	33.45	0.90	0.70	QP

Data#: 45 File#: D:\Lg.emi

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
1	0.150	49.70	-6.30	56.00	49.10	0.40	0.20	Average
2	0.192	44.94	-9.03	53.97	44.54	0.20	0.20	Average
3	0.242	39.07	-12.97	52.04	38.67	0.20	0.20	Average
4	0.483	29.59	-16.70	46.29	28.99	0.40	0.20	Average
5	1.209	30.07	-15.93	46.00	29.27	0.40	0.40	Average
6	3.871	29.27	-16.73	46.00	28.47	0.40	0.40	Average
7	19.253	17.27	-32.73	50.00	15.67	0.90	0.70	Average



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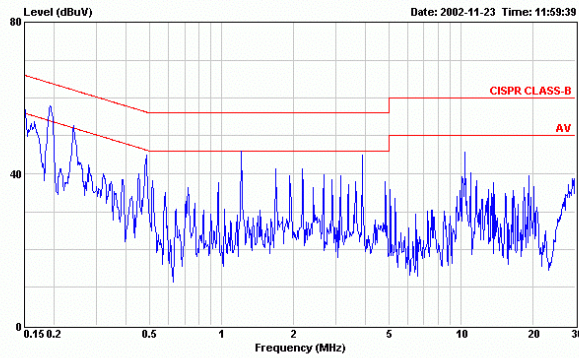
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Data#: 58 File#: D:\Lg.emi



Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) NEUTRAL
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24*c / 66%)
MEMO : DVD

Data#: 59 File#: D:\Lg.emi

Date: 2002-11-23 Time: 12:00:36

Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) NEUTRAL
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24*c / 66%)
MEMO : DVD

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.150	54.78	-11.22	66.00	54.18	0.40	0.20	QP
2	0.192	57.06	-6.91	63.97	56.66	0.20	0.20	QP
3	0.242	50.27	-11.77	62.04	49.87	0.20	0.20	QP
4	0.484	43.90	-12.37	56.27	43.30	0.40	0.20	QP
5	1.209	44.87	-11.13	56.00	44.07	0.40	0.40	QP
6	3.870	44.88	-11.12	56.00	44.08	0.40	0.40	QP
7	19.252	35.53	-24.47	60.00	33.93	0.90	0.70	QP

Data#: 60 File#: D:\Lg.emi

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.150	49.13	-6.87	56.00	48.53	0.40	0.20	Average
2	0.192	44.26	-9.71	53.97	43.86	0.20	0.20	Average
3	0.242	37.99	-14.05	52.04	37.59	0.20	0.20	Average
4	0.484	31.23	-15.04	46.27	30.63	0.40	0.20	Average
5	1.209	30.75	-15.25	46.00	29.95	0.40	0.40	Average
6	3.870	31.20	-14.80	46.00	30.40	0.40	0.40	Average
7	19.252	20.49	-29.51	50.00	18.89	0.90	0.70	Average



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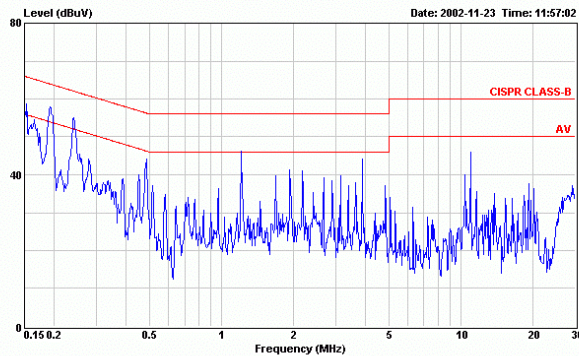
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Data#: 55 File#: D:\Lg.emi



Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) LINE
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24*c / 66%)
MEMO : DVD

Data#: 56 File#: D:\Lg.emi

Date: 2002-11-23 Time: 11:58:44

Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) LINE
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24*c / 66%)
MEMO : DVD

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.150	54.62	-11.38	66.00	54.02	0.40	0.20	QP
2	0.192	56.84	-7.13	63.97	56.44	0.20	0.20	QP
3	0.242	52.97	-9.07	62.04	52.57	0.20	0.20	QP
4	0.485	42.86	-13.40	56.26	42.26	0.40	0.20	QP
5	1.208	45.53	-10.47	56.00	44.73	0.40	0.40	QP
6	3.870	44.58	-11.42	56.00	43.78	0.40	0.40	QP
7	19.254	32.34	-27.66	60.00	30.74	0.90	0.70	QP

Data#: 57 File#: D:\Lg.emi

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.150	48.60	-7.40	56.00	48.00	0.40	0.20	Average
2	0.192	45.17	-8.80	53.97	44.77	0.20	0.20	Average
3	0.242	41.00	-11.04	52.04	40.60	0.20	0.20	Average
4	0.485	31.10	-15.16	46.26	30.50	0.40	0.20	Average
5	1.208	32.95	-13.05	46.00	32.15	0.40	0.40	Average
6	3.870	31.80	-14.20	46.00	31.00	0.40	0.40	Average
7	19.254	18.80	-31.20	50.00	17.20	0.90	0.70	Average



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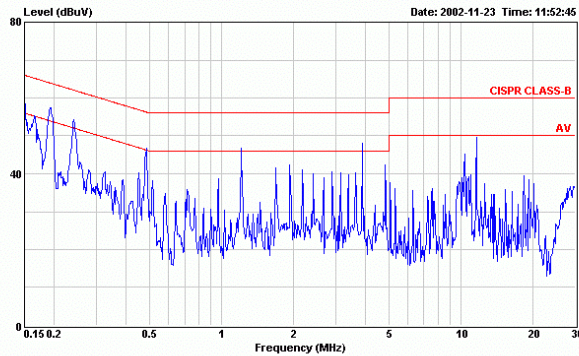
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Data#: 49 File#: D:\Lg.emi



Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) NEUTRAL
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : PIP

Data#: 50 File#: D:\Lg.emi

Date: 2002-11-23 Time: 11:54:04

Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) NEUTRAL
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : PIP

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
1	0.150	55.69	-10.31	66.00	55.09	0.40	0.20	QP
2	0.192	56.94	-7.03	63.97	56.54	0.20	0.20	QP
3	0.242	51.40	-10.64	62.04	51.00	0.20	0.20	QP
4	0.485	44.83	-11.43	56.26	44.23	0.40	0.20	QP
5	1.209	45.23	-10.77	56.00	44.43	0.40	0.40	QP
6	3.870	46.80	-9.20	56.00	46.00	0.40	0.40	QP
7	19.251	36.66	-23.34	60.00	35.06	0.90	0.70	QP

Data#: 51 File#: D:\Lg.emi

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
1	0.150	49.05	-6.95	56.00	48.45	0.40	0.20	Average
2	0.192	45.24	-8.73	53.97	44.84	0.20	0.20	Average
3	0.242	35.93	-16.11	52.04	35.53	0.20	0.20	Average
4	0.485	29.40	-16.86	46.26	28.80	0.40	0.20	Average
5	1.209	28.28	-17.72	46.00	27.48	0.40	0.40	Average
6	3.870	29.25	-16.75	46.00	28.45	0.40	0.40	Average
7	19.251	18.68	-31.32	50.00	17.08	0.90	0.70	Average



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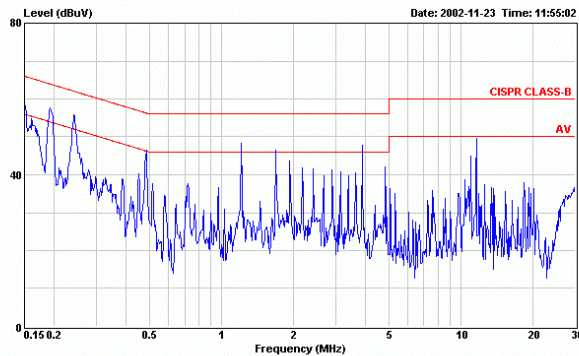
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Data#: 52 File#: D:\Lg.emi



Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) LINE
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : PIP

Data#: 53 File#: D:\Lg.emi

Date: 2002-11-23 Time: 11:55:59

Site : No.4 Shielded room
Condition : CISPR CLASS-B KNW-407(S/R3) LINE
EUT : Plasma Monitor M/N:MU-42PZ41V
POWER : 120Vac / 60Hz(24°C / 66%)
MEMO : PIP

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
1	0.150	54.82	-11.18	66.00	54.22	0.40	0.20	QP
2	0.192	56.92	-7.05	63.97	56.52	0.20	0.20	QP
3	0.242	53.61	-8.43	62.04	53.21	0.20	0.20	QP
4	0.485	43.68	-12.58	56.26	43.08	0.40	0.20	QP
5	1.209	46.15	-9.85	56.00	45.35	0.40	0.40	QP
6	3.870	45.98	-10.02	56.00	45.18	0.40	0.40	QP
7	19.254	33.93	-26.07	60.00	32.33	0.90	0.70	QP

Data#: 54 File#: D:\Lg.emi

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
1	0.150	48.32	-7.68	56.00	47.72	0.40	0.20	Average
2	0.192	43.21	-10.76	53.97	42.81	0.20	0.20	Average
3	0.242	36.95	-15.09	52.04	36.55	0.20	0.20	Average
4	0.485	27.58	-18.68	46.26	26.98	0.40	0.20	Average
5	1.209	28.07	-17.93	46.00	27.27	0.40	0.40	Average
6	3.870	27.26	-18.74	46.00	26.46	0.40	0.40	Average
7	19.254	14.82	-35.18	50.00	13.22	0.90	0.70	Average

3. RADIATED EMISSION TEST

3.1. Test Equipment

The following test equipment are used during the radiated emission tests :

3.1.1. At Semi-Anechoic Chamber

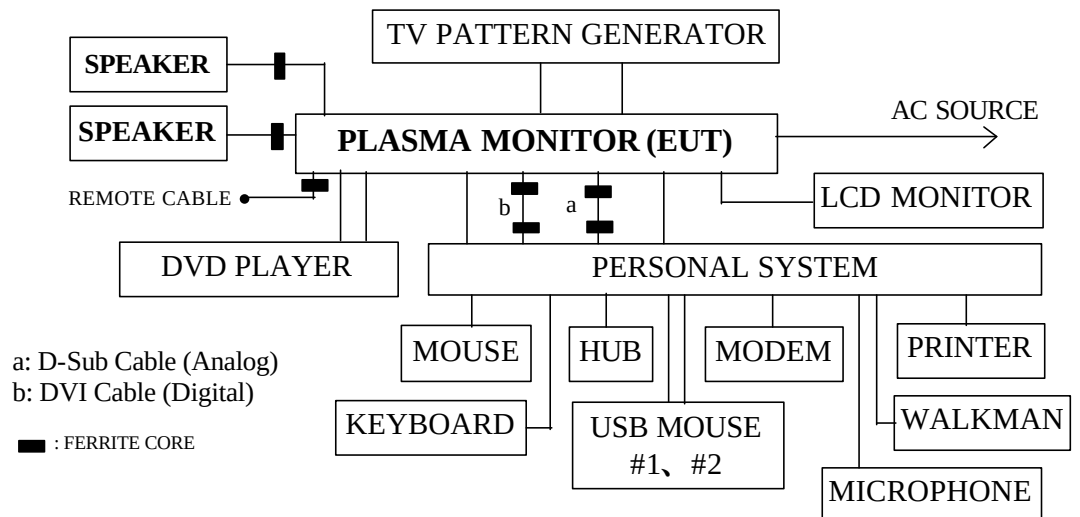
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	HP	8593EM	3826A00248	Sep. 23, 02'	1 Year
2.	Pre-Amplifier	HP	8447D	2944A06305	Mar. 05, 02'	1 Year
3.	Broadband Antenna	Schwarzbeck	BBA9106	A3L	Feb. 24, 02'	1 Year
4.	Broadband Antenna	Schwarzbeck	UHALP9108-A	0138	Feb. 24, 02'	1 Year

3.1.2. At No. 6 Open Test Site

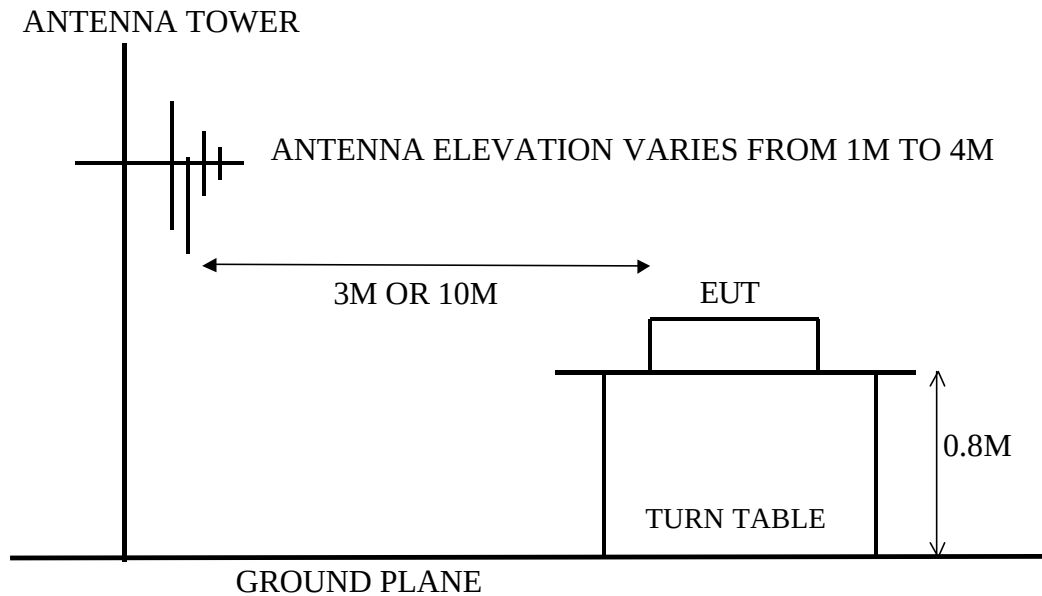
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	R&S	ESVP	879691/036	Jul. 09, 02'	1 Year
2.	Spectrum Analyzer	Anritsu	MS2601A	MT28657	Aug. 23, 02'	1 Year
3.	Broadband Antenna	CHASE	VBA6106A	1262	Nov. 26, 02'	1 Year
4.	Broadband Antenna	CHASE	UPA6109	1063	Nov. 26, 02'	1 Year

3.2. Block Diagram of Test Setup

3.2.1. Block Diagram of connection between EUT and simulators



3.2.2. Semi-Anechoic Chamber (3M) & Open Field Test Site (10M) Setup Diagram



3.3. Radiation Limit (CISPR 22, Class B)

All emanations from a class B computing devices or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified below:

FREQUENCY (MHz)	DISTANCE (Meters)	FIELD STRENGTHS LIMITS (dB μ V/m)
30 ~ 230	10 (3)	30 (40)
230 ~ 1000	10 (3)	37 (47)

- Note :
- (1) The tighter limit applies at the edge between two frequency bands.
 - (2) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the E.U.T.
 - (3) The 3M limit apply relation: $L2 = L1(d1/d2)$

3.4. EUT's Configuration during Compliance Measurement

The configuration of EUT and its simulators were same as those used in conducted measurement. Please refer to 2.4.

3.5. Operating Condition of EUT

Same as conducted measurement which was listed in 2.5. except the test set up replaced by section 3.2.

3.6. Test Procedure

The EUT and its simulators were placed on a turn table which is 0.8 meter above ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT is set 3 or 10 meters away from the receiving antenna which was mounted on a antenna tower. The antenna moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated biconical and log periodical antenna) and dipole antenna were used as receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4-1992 on radiated measurement.

The bandwidth of the R&S Test Receiver ESVP was set at 120KHz.
The bandwidth of the HP Spectrum Analyzer 8593EM was set at 120KHz.

EUT with the following test modes and with AC 120V/60Hz supplying voltage were measured within Semi-Anechoic Chamber and all the scanning waveform were attached within APPENDIX, which include: (※ Worst test mode)

No.	Input Port	Display of EUT	
1.	RGB 1 Input/ D-Sub	Character “H”, 640*480/75Hz, 38kHz	
2.	RGB 1 Input/ D-Sub	Character “H”, 1024*768/75Hz, 60kHz	
3.	RGB 1 Input/ D-Sub	Character “H”, 1280*1024/60Hz, 64kHz	
4.	RGB 2 Input/ DVI	Character “H”, 800*600/60Hz, 38kHz	
5.	RGB 2 Input/ DVI	Character “H”, 1024*768/60Hz, 48kHz	
6.	RGB 2 Input/ DVI	Character “H”, 1280*1024/60Hz, 64kHz	※
7.	AV Input	Image “Color Bar”	
8.	S-Video Input	Image “Color Bar”	
9.	Component Input (DVD)	Image “DVD Movie”	
10.	D-Sub & A/V Inputs (PIP)	Character “H” + Image “Color Bar”	

Finally, re-measured the worst test mode [Mode 6] at No. 6 Open Field Test Site and all the test results are listed in section 3.7.

3.7. Radiated Emission Noise Measurement Results

PASSED. All emissions not reported below are too low against the prescribed limits.

Date of Test : Dec. 11, 2002 Temperature : 22°C
 EUT : PLASMA MONITOR Humidity : 68%
 Test Mode : RGB 2 Input/DVI, 1280*1024/60Hz, 64kHz (Character "H")

	Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level	
				Horizontal dBμV	Horizontal dBμV/m	Limits dBμV/m	Margin dB
	47.280	17.35	0.87	1.40	19.62	30.00	10.38
	68.410	12.50	1.18	2.60	16.28	30.00	13.72
	124.056	19.81	1.41	-3.80	17.42	30.00	12.58
	163.580	20.95	1.66	-3.50	19.11	30.00	10.89
*	180.543	21.10	1.75	-0.19	22.66	30.00	7.34
	193.248	21.14	1.82	-1.90	21.06	30.00	8.94
	205.120	21.48	1.85	-3.70	19.63	30.00	10.37
	281.240	24.23	2.13	-2.69	23.67	37.00	13.33
	366.640	14.75	2.53	8.70	25.98	37.00	11.02
	432.085	15.68	2.69	5.60	23.97	37.00	13.03
	480.094	16.83	2.85	3.50	23.18	37.00	13.82
	541.015	17.89	3.03	7.19	28.11	37.00	8.89
	808.756	21.54	3.82	3.30	28.66	37.00	8.34
	932.217	23.12	4.06	1.30	28.48	37.00	8.52

- Remarks :
1. All readings are Quasi-Peak values.
 2. ‘*’ The worst emission was detected at 180.543MHz with corrected signal level of 22.66dBμV/m (limit was 30dBμV/m) when the antenna was at horizontal polarization and was at 1.5m high and the turn table was at 315 ° .
 3. 0 ° is the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.
 4. Measurement at No. 6 open field test site.

Date of Test : Dec. 10, 2002 Temperature : 22°C

EUT : PLASMA MONITOR Humidity : 68%

Test Mode : RGB 2 Input/DVI, 1280*1024/60Hz, 64kHz (Character "H")

	Frequency	Antenna	Cable	Meter Reading	Emission Level		
	MHz	Factor dB/m	Loss dB	Vertical dBμV	Vertical dBμV/m	Limits dBμV/m	Margin dB
*	40.250	18.64	0.68	2.60	21.92	30.00	8.08
	59.240	13.98	1.00	7.59	22.57	30.00	7.43
	122.479	18.46	1.40	-3.70	16.16	30.00	13.84
	164.287	20.86	1.67	-2.30	20.23	30.00	9.77
	180.543	23.44	1.76	-3.41	21.79	30.00	8.21
	200.246	22.51	1.84	-2.40	21.95	30.00	8.05
	280.140	22.78	2.13	1.40	26.31	37.00	10.69
	301.234	13.61	2.24	3.49	19.34	37.00	17.66
	400.186	16.16	2.59	2.31	21.06	37.00	15.94
	480.325	17.27	2.85	1.49	21.61	37.00	15.39
	541.014	18.52	3.03	5.69	27.24	37.00	9.76
	808.420	22.35	3.82	5.90	32.07	37.00	4.93
	852.436	22.59	3.96	2.81	29.36	37.00	7.64

- Remarks :
1. All readings are Quasi-Peak values.
 2. ‘*’ The worst emission was detected at 808.420MHz with corrected signal level of 32.07dBμV/m (limit was 37dBμV/m) when the antenna was at vertical polarization and was at 2.1m high and the turn table was at 240 ° .
 3. 0 ° is the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.
 4. Measurement at No. 6 open field test site.

4. MODIFICATIONS TO EUT

1. Add gaskets on the bracket of the A/V FIX board.
2. Add a ferrite core on the L/R wires. (From the speaker board to the main board)
3. Add ferrite cores on the four flat cables separately.
4. Add conductive fabric tape on the connector of the connecting cable. (Between the main board and the control board).
5. Bond two ferrite cores on the D-Sub data cable.
6. Bond two ferrite cores on the DVI data cable.
7. Bond a ferrite core on the speaker's cable separately.
8. Add a ferrite core on the remote control cable (Close to the EUT).

5. DEVIATION TO TEST SPECIFICATIONS

【NONE】