

APPLICATION FOR CERTIFICATION
Class II Permissive Change
On Behalf of
Top Victory Electronics (Taiwan) Co., Ltd.
17" LCD Monitor

Models : (1)LM-700 (2)LM-700A (3)LM-700*

FCC ID : ARSTF1760

Prepared for : Top Victory Electronics (Taiwan) Co., Ltd.
18F, 738 Chung-Cheng Rd., Chung-Ho 235,
Taipei Hsien, Taiwan, R.O.C.

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TABLE OF CONTENTS

Description	Page
Test Report Certification	3
1.GENERAL INFORMATION	4
1.1. Description of Device (EUT).....	4
1.2. Tested Supporting System Details	5
1.3. Description of Test Facility	9
1.4. Measurement Uncertainty	9
2.POWERLINE CONDUCTED TEST	10
2.1. Test Equipment	10
2.2. Block Diagram of Test Setup.....	10
2.3. Powerline Conducted Emission Limit (CLSPR 22 CLASS B)	11
2.4. EUT's Configuration during Compliance Measurement	11
2.5. Operating Condition of EUT	12
2.6. Test Procedure	12
2.7. Line Conducted RF Voltage Measurement Results.....	13
3.RADIATED EMISSION TEST	32
3.1. Test Equipment	32
3.2. Block Diagram of Test Setup.....	32
3.3. Radiation Limit (CLSPR 22 CLASS B)	33
3.4. EUT's Configuration during Compliance Measurement	33
3.5. Operating Condition of EUT	33
3.6. Test Procedure	34
3.7. Test Results	34
3.8. Radiated Emission Measurement Results	35
4.MODIFICATIONS TO EUT	45
5.DEVIATION TO TEST SPECIFICATIONS.....	46
6.PHOTOGRAPHS.....	47
6.1. Photos of Powerline Conducted Measurement	47
6.2. Photos of Radiated Measurement at Open Field Test Site	50

TEST REPORT CERTIFICATION

(Class II Permissive Change)

Applicant : Top Victory Electronics (Taiwan) Co., Ltd.
 Manufacturer #1 : Top Victory Electronics (Fujian) Co., Ltd.
 Manufacturer #2 : Beijing Orient Top Victory Electronics Co., Ltd.
 Manufacturer #3 : Top Fly Corporation.
 FCC ID : ARSTF1760
 EUT Description : 17" LCD Monitor
 (A) MODEL NO. : (1)LM-700 (2)LM-700A (3)LM-700*
 (B) SERIAL NO. : N/A
 (C) POWER SUPPLY : 12Vdc, 3.5A

Measurement Procedure Used :

FCC RULES AND CISPR 22 (DOCKET NO. 92-152, SEP. 1993) AND
FCC / ANSI C63.4-1992

The device described above was tested by TAIWAN TOKIN EMC ENG. CORP. to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the CISPR 22 Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and TAIWAN TOKIN EMC ENG. CORP. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC official limits.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Taiwan Tokin EMC Eng. corp.

Date of Test : Oct. 25 / 26, 2001

Prepared by : Cherry Wang 10/25/2001
(CHERRY WANG)

Test Engineer : Allen Wang 10.12.2001
(ALLEN WANG)

Approve & Authorized Signer : Jackie Deng 11/2/01
(JACKIE DENG)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description : 17" LCD Monitor

Model Number : (1)LM-700 (2)LM-700A (3)LM-700*

The difference are :

Difference M/N	Audio	Color
(1)LM-700	×	White
(2)LM-700A	○	White
(3)LM-700*	×	Black

All models are representative selected in the test and included in this report.

Serial Number : N/A

FCC ID : ARSTF1760

Applicant : Top Victory Electronics (Taiwan) Co., Ltd.
18F, 738 Chung-Cheng Rd., Chung-Ho 235,
Taipei Hsien, Taiwan, R.O.C.

Manufacturer #1 : Top Victory Electronics (Fujian) Co., Ltd.
Yuan Hong Rd., Shang-Lu Fuqing City,
Fujian, China.

Manufacturer #2 : Beijing Orient Top Victory Electronics Co., Ltd.
No. 10, Jiu Xian Qiao Rd., Chao Yang District,
Beijing, China

Manufacturer #3 : Top Fly Corporation.
No. 9, Nei-Shi Rd., Nei-Tsuoh Village,
Lu Chu Hsiang, Tao-Yuan Hsien,
Taiwan, R.O.C.

EUT # 1
Data Cable : Shielded, Undetachable, 1.7m
Bonded two ferrite cores

EUT # 2

Data Cable : Shielded, Undetachable, 1.5m
Bonded a ferrite core

Audio Cable : **Shielded, Detachable, 1.65m**

EUT # 3

Data Cable : **Shielded, Undetachable, 1.6m**
Bonded two ferrite cores

AC Adapter : Chi, M/N CH-1205
(White or Black Appearance) I/P: 100-240Vac, 47-63Hz, 1.5A
O/P: + 12 VDC, 5.0A, 60W
I/P Cord: Non-Shielded, Detachable, 1.8m
O/P Cord: Shielded, Undetachable, 0.8m
Bonded a ferrite cord

Data of Receipt of Sample : Oct. 16, 2001

Data of Test : Oct. 25 / 26, 2001

Remark :

This EUT is an upgrade version of original FCC ID ARSTF1760. The differences are:
(1) to add an audio base and audio board;
(2) to add second source of data cables (1.7m or 1.6m, bonded two ferrite cores);
(3) to re-layout the main board;
(4) to add a black's appearance.

1.2. Tested Supporting System Details**《FOR EUT # 1 & EUT # 3 TEST》****1.2.1. PERSONAL COMPUTER**

Mother Board : ASUS(VIA), M/N CUV4X,
S/N 07Z7Y24102, FCC by DoC

CPU : Intel Pentium III 667MHz

RAM : 128MB (PC-133)

Case : Enlight, M/N EN-7105A

S.P.S. : FSP, M/N FSP250-60PFN
S/N S00769615, BSMI No.3892B514

Floppy Driver 3.5" : Mitsumi, M/N D353M3,
S/N 0G07BR0708

Hard Disk Driver : Maxtor (10.2GB), M/N 91021U2
S/N 90526178

VGA Card : ELSA, M/N ERAZOR III, S/N 0111011965
FCC by DoC

Power Cord : Non-Shielded, Detachable, 1.8m

1.2.2. KEYBOARD

Model Number	:	5121
Serial Number	:	J83300802
FCC ID	:	E5XKBM104M10UC
Manufacturer	:	Behavior Tech Computer Corp.
Data Cable	:	Shielded, Undetachable, 1.0m

1.2.3. PRINTER

Model Number	:	2225C
Serial Number	:	2526S40437
FCC ID	:	BS46XU2225C
Manufacturer	:	Hewlett Packard
Power Cord	:	Non-Shielded, Undetachable, 1.8m
Data Cable	:	Shielded, Detachable, 1.2m

1.2.4. MODEM

Model Number	:	DM-1417
Serial Number	:	8036022
FCC ID	:	IFAXDM1414
Manufacturer	:	Aceex
Data Cable	:	Shielded, Detachable, 1.2m
Power Adapter	:	Amigo, Model AM-91000A
		Non-Shielded, Undetachable, 1.8m

1.2.5. PS2 MOUSE

Model Number	:	M-S34
Serial Number	:	LZE02450134
FCC ID	:	DZL211029
Manufacturer	:	Logitech
Data Cable	:	Non-Shielded, Undetachable, 1.8m

1.2.6. USB MOUSE # 1

Model Number	:	CREUBB
Serial Number	:	N/A
FCC ID	:	NHM-CREUBE
Manufacturer	:	CRE Technology Co., Ltd.
Data Cable	:	Shielded, Undetachable, 1.8m

1.2.7. USB MOUSE # 2

Model Number	:	CREUBB
Serial Number	:	N/A
FCC ID	:	NHM-CREUBE
Manufacturer	:	CRE Technology Co., Ltd.
Data Cable	:	Shielded, Undetachable, 1.8m

《FOR EUT # 2 TEST》

1.2.8. PERSONAL COMPUTER

Mother Board	:	ASUS(VIA), M/N CUV4X, S/N 07Z7Y24102, FCC by DoC
CPU	:	Intel Pentium III 667MHz
RAM	:	128MB (PC-133)
Case	:	Enlight, M/N EN-7105A
S.P.S.	:	FSP, M/N FSP250-60PFN S/N S00769615, BSMI No.3892B514
Floppy Driver 3.5"	:	Mitsumi, M/N D353M3, S/N 0G07BR0708
Hard Disk Driver	:	Maxtor (10.2GB), M/N 91021U2 S/N 90526178
CD-ROM	:	A Open, M/N 952E/AKH (52X) S/N 001122WG28-12
VGA Card	:	CP, M/N CM64A, S/N C01H011207, FCC by DoC
Sound Card	:	Dataexpert, M/N MED6617 S/N E800016158, FCC By DoC
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.9. KEYBOARD

Model Number	:	5121
Serial Number	:	J83300802
FCC ID	:	E5XKBM104M10UC
Manufacturer	:	Behavior Tech Computer Corp.
Data Cable	:	Shielded, Undetachable, 1.0m

1.2.10. PRINTER

Model Number	:	2225C+
Serial Number	:	3121S96627
FCC ID	:	DSI6XU2225
Manufacturer	:	Hewlett Packard
Power Adapter	:	Hewlett Packard, M/N 82241A Non-Shielded, Undetachable, 2.0m
Data Cable	:	Shielded, Detachable, 1.2m

1.2.11. MODEM

Model Number	:	DM-1414
Serial Number	:	980034398
FCC ID	:	IFAXDM1414
Manufacturer	:	Aceex
Data Cable	:	Shielded, Detachable, 1.2m
Power Adapter	:	Amigo, Model AM-91000A Non-Shielded, Undetachable, 1.8m

1.2.12. PS2 MOUSE

Model Number	:	M-S35
Serial Number	:	N/A
FCC ID	:	DZL211029
Manufacturer	:	Logitech
Data Cable	:	Non-Shielded, Undetachable, 1.8m

1.2.13. USB MOUSE # 1

Model Number	:	CREUBB
Serial Number	:	N/A
FCC ID	:	NHM-CREUBE
Manufacturer	:	CRE Technology Co., Ltd.
Data Cable	:	Shielded, Undetachable, 1.8m

1.2.14. USB MOUSE # 2

Model Number	:	CREUBB
Serial Number	:	N/A
FCC ID	:	NHM-CREUBE
Manufacturer	:	CRE Technology Co., Ltd.
Data Cable	:	Shielded, Undetachable, 1.8m

1.2.15. MICROPHONE

Model Number	:	HD-303
Serial Number	:	N/A
Manufacturer	:	Multimedia Microphone System
Data Cable	:	Non-Shielded, Undetachable, 2.2m

1.2.16. EARPHONE to EUT

Model Number	:	N/A
Serial Number	:	N/A
Manufacturer	:	Panasonic
Data Cable	:	Non-Shielded, Undetachable, 1.1m

1.2.17. GAME PAD

Model Number	:	J1-1073
Serial Number	:	N/A
Manufacturer	:	Super Cobra
Data Cable	:	Non-Shielded, Undetachable, 1.3m

1.2.18. SPEAKER

Model Number	:	J-008
Serial Number	:	J80547836
Manufacturer	:	Jazz Hipster
Data Cable	:	Non-Shielded, Undetachable, 1m

1.2.19. WALKMAN

Model Number	:	RQ-P35LT-K
Serial Number	:	HA08623
Manufacturer	:	Panasonic
Data Cable	:	Non-Shielded, Detachable, 1.8m

1.3. Description of Test Facility

Site Description (No. 7 Open Site)	:	Dec. 02, 1999 File on Federal Communication Commission FCC Engineering Laboratory 7435 Oakland Mills Road Columbia, MD 21046, U.S.A.
Name of Firm	:	Taiwan Tokin EMC Eng. Corp.
Site Location	:	No. 53-11, Tin-Fu Tsun, Lin-Kou, Taipei Hsien, Taiwan, R.O.C
NVLAP Lab Code	:	200077-0

1.4. Measurement Uncertainty

- (1) Radiation Uncertainty $U_r = \pm 4.01\text{dB}$
- (2) Conduction Uncertainty $U_c = \pm 2.26\text{dB}$

2. POWERLINE CONDUCTED TEST

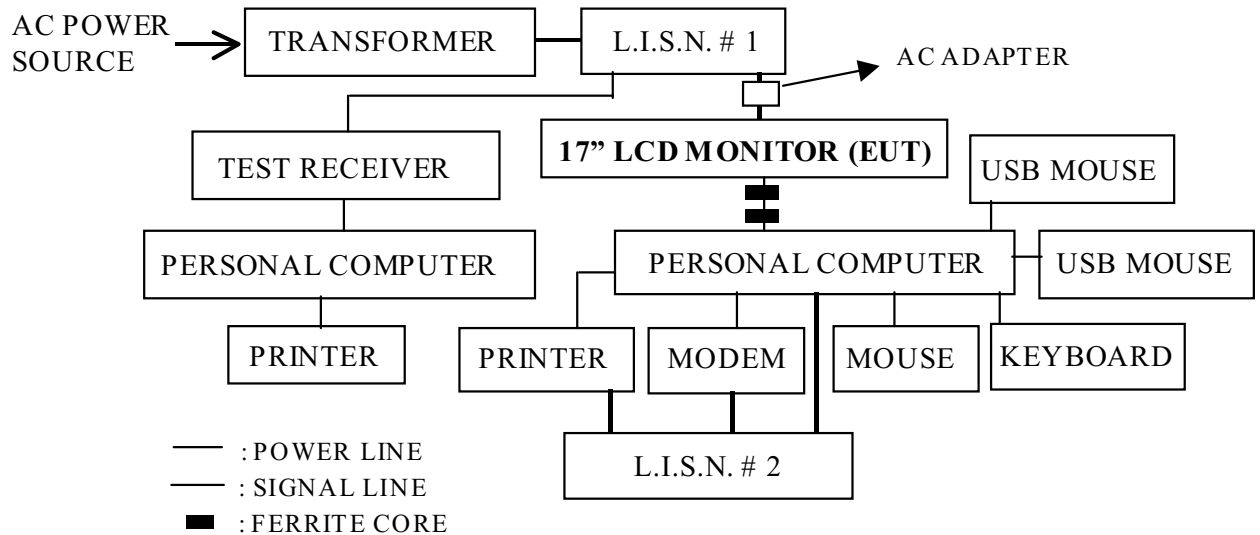
2.1. Test Equipment

The following test equipment are used during the power line conducted tests :

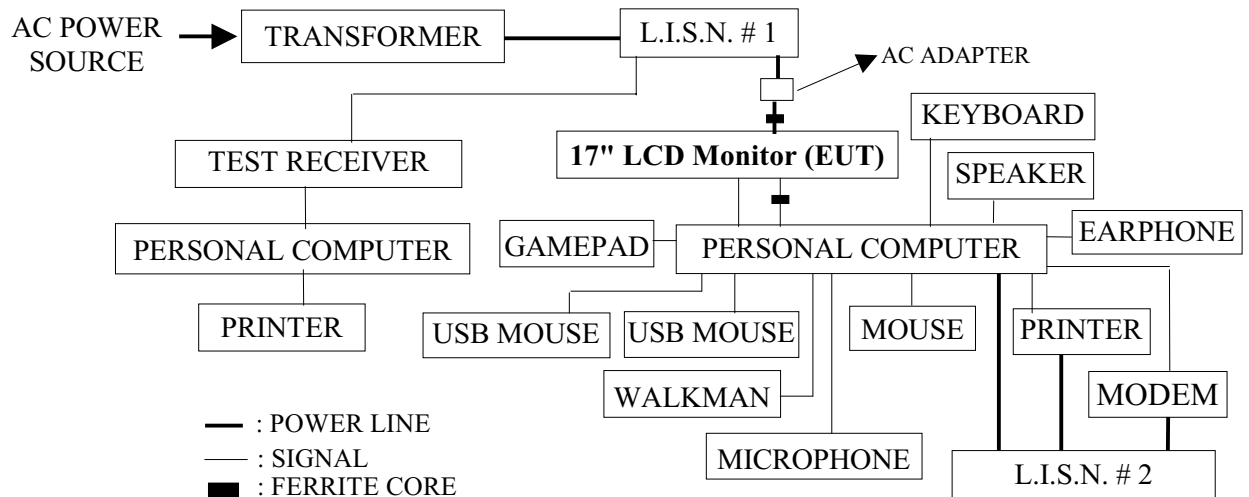
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCS 30	825442/020	Jun. 29, 01'	1 Year
2.	L.I.S.N. #1	Kyoritsu	KNW-407	8-1370-10	May 28, 01'	1 Year
3.	L.I.S.N. #2	Kyoritsu	KNW-407	8-1370-9	May 28, 01'	1 Year

2.2. Block Diagram of Test Setup

2.2.1. EUT # 1 and EUT # 3



2.2.2. EUT # 2



2.3. Powerline Conducted Emission Limit (CLSPR 22 CLASS B)

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level	Average Level
150KHz ~ 500KHz	66 ~ 56 dB	56 ~ 46 dB
500KHz ~ 5MHz	56 dB	46 dB
5MHz ~ 30MHz	60 dB	50 dB

2.4. EUT's Configuration during Compliance Measurement

The following equipment were installed on RF LINE VOLTAGE measurement to meet the Commission requirement and operating in a manner which tended to maximize its emission characteristics in a normal application.

2.4.1. 17" LCD Monitor (EUT)

Model Number	:	(1)LM-700 (2)LM-700A (3)LM-700*
Serial Number	:	N/A
Manufacturer #1	:	Top Victory Electronics (Fujian) Co., Ltd.
Manufacturer #2	:	Beijing Orient Top Victory Electronics Co., Ltd.
Manufacturer #3	:	Top Fly Corporation.
EUT # 1		
Data Cable	:	Shielded, Undetachable, 1.7m Bonded two ferrite cores
EUT # 2		
Data Cable	:	Shielded, Undetachable, 1.5m Bonded a ferrite core
Audio Cable	:	Shielded, Detachable, 1.65m
EUT # 3		
Data Cable	:	Shielded, Undetachable, 1.6m Bonded two ferrite cores
AC Adapter	:	Chi, M/N CH-1205 I/P: 100-240Vac, 47-63Hz, 1.5A O/P: + 12 VDC, 5.0A, 60W I/P Cord: Non-Shielded, Detachable, 1.8m O/P Cord: Shielded, Undetachable, 0.8m Bonded a ferrite cord

2.4.2. Supporting System : As in section 1.2

2.5. Operating Condition of EUT

- 2.5.1. Setup the EUT and simulator as shown on 2.2.
- 2.5.2. Turned on the power of all equipment.
- 2.5.3. Personal Computer read data from disk.
- 2.5.4. Personal Computer running the self-test program “Hwin” by MS-DOS and sent “H” character to monitor (EUT) through VGA card, the screen displayed and filled with “H” pattern by EUT’s resolution.
- 2.5.5. Personal Computer read data from floppy disk 、Modem and then wrote the data into floppy disk 、Modem.
- 2.5.6. Personal computer sent “H” character to printer, the printer printed “H” pattern.
- 2.5.7. Only for EUT # 2 : The CD-ROM played a music-disk and sent the music sound through EUT’s Audio port to earphone.
- 2.5.8. The other peripheral devices were driven and operated in turn during all testing.
- 2.5.9. Repeat the above procedures from 2.5.3 to 2.5.8.

2.6. Test Procedure

The EUT was connected to the power mains through a line impedance stabilization network (L.I.S.N. #1) and the other peripheral devices power cord were connected to the power mains through a line impedance stabilization network (L.I.S.N. #2) This provided a 50 ohm coupling impedance for the measuring equipment. (Please refer to the block diagram of the test setup and photographs.)

Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to FCC ANSI C63.4-1992 on conducted measurement.

The bandwidth of the R&S Test Receiver ESCS 30 was set at 10KHz.

The frequency range from 150KHz to 30MHz was checked.

Three test models with three kinds of horizontal working frequency were done during conducted measurement and all the test results are listed in section 2.7.

2.7. Line Conducted RF Voltage Measurement Results

PASSED. Please refer to the following pages. (18 pages)

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

EUT: 17" LCD Monitor

Test Date : Oct. 25, 2001 Temperature : 24°C Humidity : 46%

Model No.	Frequency Resolution	Reference Data #
(1)LM-700	800*600/75Hz, 48KHz	# 172 (173, 174), # 175 (176, 177)
	1024*768/75Hz, 60KHz	# 169 (170, 171), # 166 (167, 168)
	1280*1024/75Hz, 80KHz	# 160 (161, 162), # 163 (164, 165)
(2)LM-700A	800*600/75Hz, 48KHz	# 38 (38, 39), # 40 (41, 42)
	1024*768/75Hz, 60KHz	# 46 (47, 48), # 43 (44, 45)
	1280*1024/75Hz, 80KHz	# 49 (50, 51), # 52 (53, 54)
(3)LM-700*	800*600/75Hz, 48KHz	# 109 (110, 111), # 106 (107, 108)
	1024*768/75Hz, 60KHz	# 112 (113, 114), # 115 (116, 117)
	1280*1024/75Hz, 80KHz	# 121 (122, 123), # 118 (119, 120)

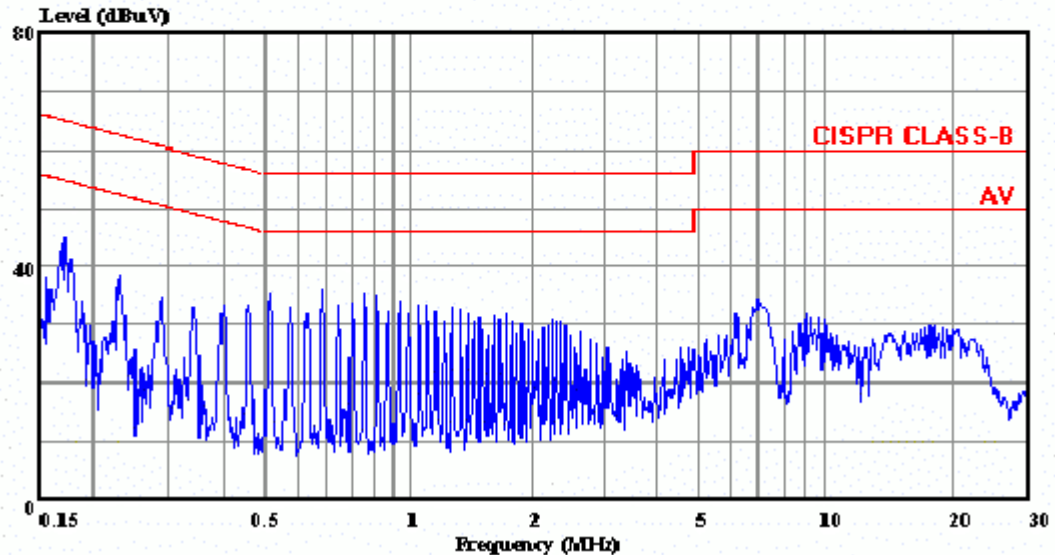
Please refer to the following pages.



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

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Data#: 172 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:10:43



Data#: 173 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:11:13
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700
Power : 120Vac/60Hz
Memo : 800*600/75Hz 48KHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.173	44.13	-20.71	64.84	43.53	0.40	0.20	QP
2	0.230	37.09	-25.37	62.46	36.69	0.20	0.20	QP
3	0.289	31.96	-28.60	60.56	31.56	0.20	0.20	QP
4	0.685	34.64	-21.36	56.00	34.04	0.40	0.20	QP
5	6.867	30.22	-29.78	60.00	29.12	0.50	0.60	QP
6	9.272	28.37	-31.63	60.00	27.27	0.50	0.60	QP

Data#: 174 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:11:52
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700
Power : 120Vac/60Hz
Memo : 800*600/75Hz 48KHz

Page: 1

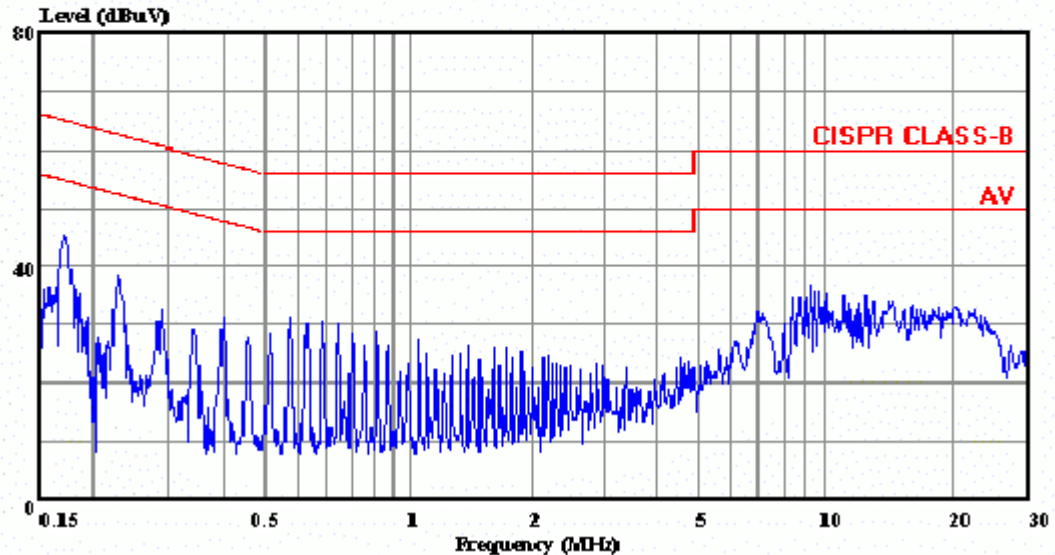
	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.173	36.65	-18.19	54.84	36.05	0.40	0.20	Average
2	0.230	31.70	-20.76	52.46	31.30	0.20	0.20	Average
3	0.289	28.79	-21.77	50.56	28.39	0.20	0.20	Average
4	0.685	33.39	-12.61	46.00	32.79	0.40	0.20	Average
5	6.867	26.43	-23.57	50.00	25.33	0.50	0.60	Average
6	9.272	23.01	-26.99	50.00	21.91	0.50	0.60	Average



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Data#: 175 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:12:24



Data#: 176 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:12:53
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B LINE
EUT : 17"LCD MONITOR M/N:LM-700
Power : 120Vac/60Hz
Memo : 800*600/75Hz 48KHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.171	44.15	-20.75	64.90	43.55	0.40	0.20	QP
2	0.231	36.09	-26.33	62.42	35.69	0.20	0.20	QP
3	0.287	31.83	-28.77	60.60	31.43	0.20	0.20	QP
4	0.686	27.89	-28.11	56.00	27.29	0.40	0.20	QP
5	6.866	27.59	-32.41	60.00	26.49	0.50	0.60	QP
6	9.271	32.00	-28.00	60.00	30.90	0.50	0.60	QP

Data#: 177 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:13:37
No.3 Shielded room
Site : No.3 Shielded room
Condition: LINE
EUT : 17"LCD MONITOR M/N:LM-700
Power : 120Vac/60Hz
Memo : 800*600/75Hz 48KHz

Page: 1

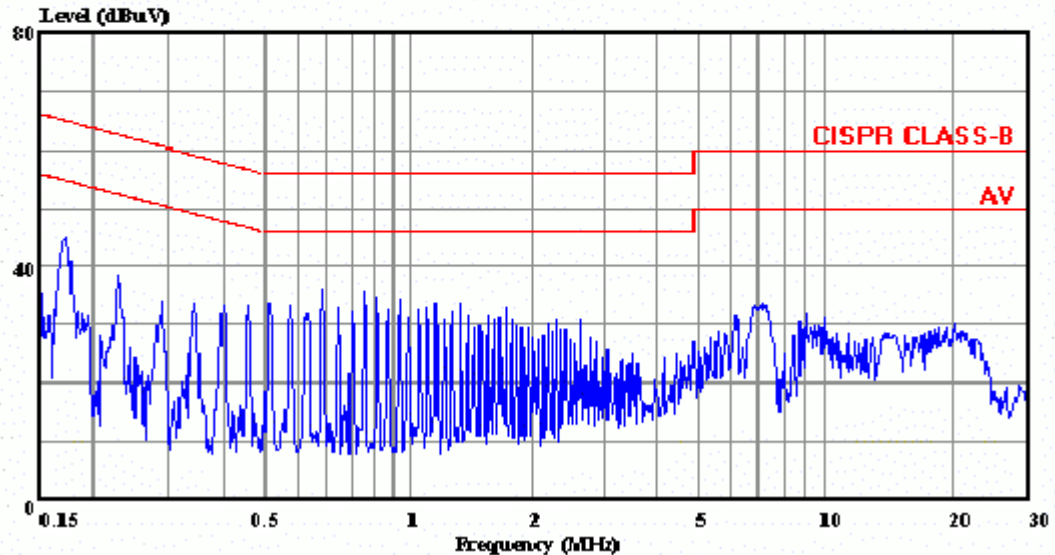
	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.171	36.25	-18.65	54.90	35.65	0.40	0.20	Average
2	0.231	30.67	-21.75	52.42	30.27	0.20	0.20	Average
3	0.287	25.23	-25.37	50.60	24.83	0.20	0.20	Average
4	0.686	21.75	-24.25	46.00	21.15	0.40	0.20	Average
5	6.866	23.35	-26.65	50.00	22.25	0.50	0.60	Average
6	9.271	25.87	-24.13	50.00	24.77	0.50	0.60	Average



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Data#: 169 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:08:24



Data#: 170 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:08:55
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B KNW-407 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700
Power : 120Vac/60Hz
Memo : 1024*768/75Hz 60KHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.174	43.07	-21.71	64.78	42.47	0.40	0.20	QP
2	0.228	36.78	-25.73	62.51	36.38	0.20	0.20	QP
3	0.290	29.68	-30.84	60.52	29.28	0.20	0.20	QP
4	0.686	34.88	-21.12	56.00	34.28	0.40	0.20	QP
5	6.865	30.30	-29.70	60.00	29.20	0.50	0.60	QP
6	9.271	29.48	-30.52	60.00	28.38	0.50	0.60	QP

Data#: 171 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:09:58
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B (AV) KNW-407 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700
Power : 120Vac/60Hz
Memo : 1024*768/75Hz 60KHz

Page: 1

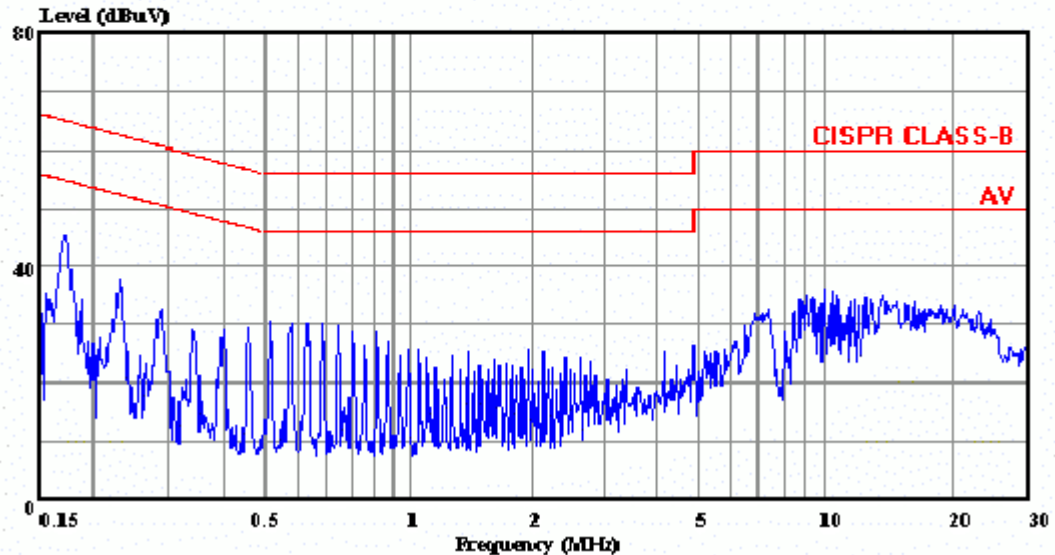
	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.174	35.43	-19.35	54.78	34.83	0.40	0.20	Average
2	0.228	31.38	-21.13	52.51	30.98	0.20	0.20	Average
3	0.290	26.38	-24.14	50.52	25.98	0.20	0.20	Average
4	0.686	33.75	-12.25	46.00	33.15	0.40	0.20	Average
5	6.865	27.19	-22.81	50.00	26.09	0.50	0.60	Average
6	9.271	26.10	-23.90	50.00	25.00	0.50	0.60	Average



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Data#: 166 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:06:18



Data#: 167 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:06:48
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B KMW-407 LINE
EUT : 17"LCD MONITOR M/N:LM-700
Power : 120Vac/60Hz
Memo : 1024*768/75Hz 60KHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.173	44.11	-20.73	64.84	43.51	0.40	0.20	QP
2	0.232	34.17	-28.20	62.37	33.77	0.20	0.20	QP
3	0.287	31.83	-28.77	60.60	31.43	0.20	0.20	QP
4	0.688	28.43	-27.57	56.00	27.83	0.40	0.20	QP
5	6.812	28.11	-31.89	60.00	27.01	0.50	0.60	QP
6	9.281	31.34	-28.66	60.00	30.24	0.50	0.60	QP

Data#: 168 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:07:42
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B (AV) KMW-407 LINE
EUT : 17"LCD MONITOR M/N:LM-700
Power : 120Vac/60Hz
Memo : 1024*768/75Hz 60KHz

Page: 1

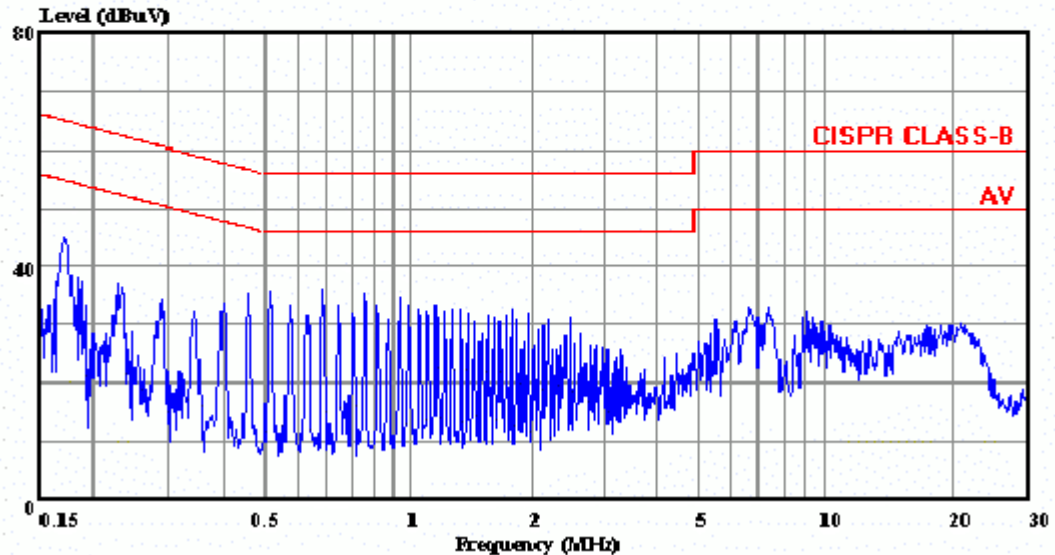
	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.173	36.24	-18.60	54.84	35.64	0.40	0.20	Average
2	0.232	28.83	-23.54	52.37	28.43	0.20	0.20	Average
3	0.287	25.15	-25.45	50.60	24.75	0.20	0.20	Average
4	0.688	21.20	-24.80	46.00	20.60	0.40	0.20	Average
5	6.812	24.95	-25.05	50.00	23.85	0.50	0.60	Average
6	9.281	24.54	-25.46	50.00	23.44	0.50	0.60	Average

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Data#: 160 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:01:59



Data#: 161 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:02:29
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B KNW-407 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700
Power : 120Vac/60Hz
Memo : 1280*1024/75Hz 80KHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.174	43.25	-21.53	64.78	42.65	0.40	0.20	QP
2	0.227	35.93	-26.63	62.56	35.53	0.20	0.20	QP
3	0.287	33.79	-26.81	60.60	33.39	0.20	0.20	QP
4	0.686	34.61	-21.39	56.00	34.01	0.40	0.20	QP
5	6.760	30.36	-29.64	60.00	29.26	0.50	0.60	QP
6	9.281	29.44	-30.56	60.00	28.34	0.50	0.60	QP

Data#: 162 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:03:25
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B (AV) KNW-407 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700
Power : 120Vac/60Hz
Memo : 1280*1024/75Hz 80KHz

Page: 1

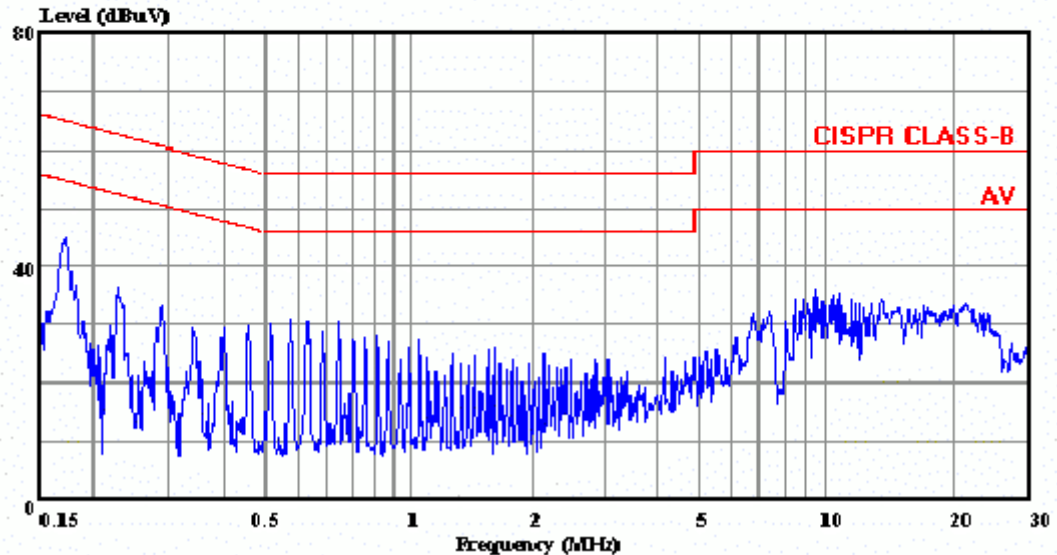
	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.174	35.65	-19.13	54.78	35.05	0.40	0.20	Average
2	0.227	30.74	-21.82	52.56	30.34	0.20	0.20	Average
3	0.287	30.88	-19.72	50.60	30.48	0.20	0.20	Average
4	0.686	33.12	-12.88	46.00	32.52	0.40	0.20	Average
5	6.760	27.11	-22.89	50.00	26.01	0.50	0.60	Average
6	9.281	25.95	-24.05	50.00	24.85	0.50	0.60	Average



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Data#: 163 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:03:57



Data#: 164 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:04:32
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B KNW-407 LINE
EUT : 17"LCD MONITOR M/N:LM-700
Power : 120Vac/60Hz
Memo : 1280*1024/75Hz 80KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.174	43.29	-21.49	64.78	42.69	0.40	0.20	QP
2	0.228	36.36	-26.15	62.51	35.96	0.20	0.20	QP
3	0.286	31.73	-28.91	60.64	31.33	0.20	0.20	QP
4	0.686	28.07	-27.93	56.00	27.47	0.40	0.20	QP
5	6.812	27.39	-32.61	60.00	26.29	0.50	0.60	QP
6	9.280	33.68	-26.32	60.00	32.58	0.50	0.60	QP

Data#: 165 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 20:05:31
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B (AV) KNW-407 LINE
EUT : 17"LCD MONITOR M/N:LM-700
Power : 120Vac/60Hz
Memo : 1280*1024/75Hz 80KHz

Page: 1

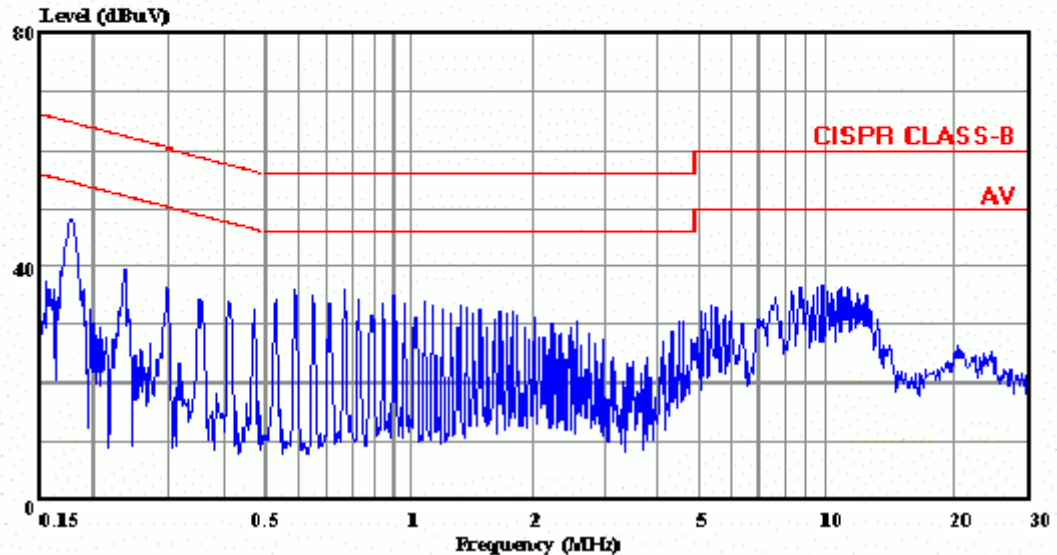
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.174	35.02	-19.76	54.78	34.42	0.40	0.20	Average
2	0.228	31.56	-20.95	52.51	31.16	0.20	0.20	Average
3	0.286	24.63	-26.01	50.64	24.23	0.20	0.20	Average
4	0.686	20.62	-25.38	46.00	20.02	0.40	0.20	Average
5	6.812	23.93	-26.07	50.00	22.83	0.50	0.60	Average
6	9.280	29.33	-20.67	50.00	28.23	0.50	0.60	Average



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Data#: 37 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 17:45:07



Data#: 38 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 17:46:49
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700A
Power : 120Vac/60Hz
Memo : 800*600/75Hz 48KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.176	46.48	-18.19	64.67	45.88	0.40	0.20	QP
2	0.236	38.14	-24.10	62.24	37.74	0.20	0.20	QP
3	0.590	34.74	-21.26	56.00	34.14	0.40	0.20	QP
4	1.470	14.99	-41.01	56.00	14.19	0.40	0.40	QP
5	5.480	17.48	-42.52	60.00	16.38	0.50	0.60	QP
6	10.341	26.76	-33.24	60.00	25.26	0.80	0.70	QP

Data#: 39 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 17:47:13
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700A
Power : 120Vac/60Hz
Memo : 800*600/75Hz 48KHz

Page: 1

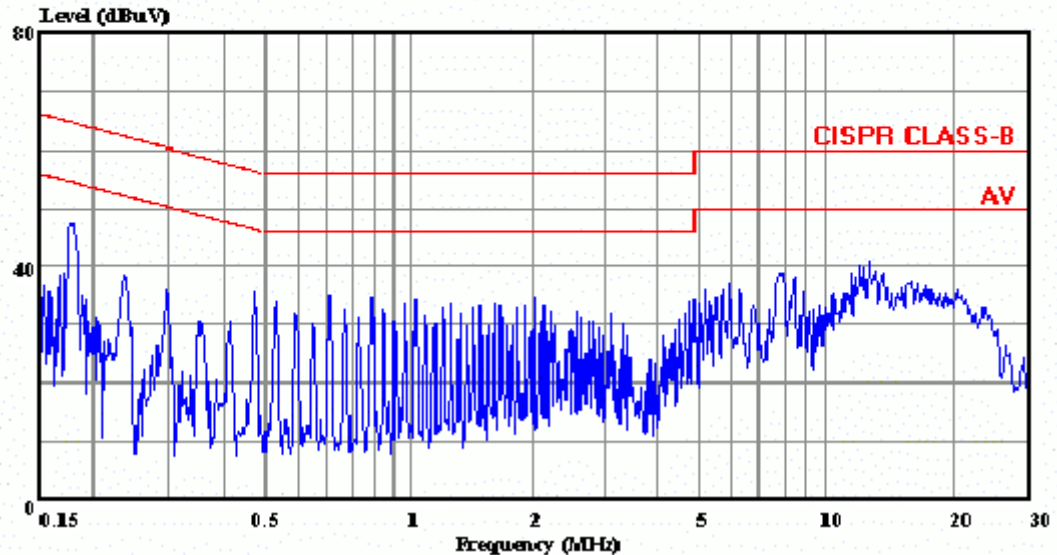
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.176	39.08	-15.59	54.67	38.48	0.40	0.20	Average
2	0.236	32.59	-19.65	52.24	32.19	0.20	0.20	Average
3	0.590	34.04	-11.96	46.00	33.44	0.40	0.20	Average
4	1.470	13.52	-32.48	46.00	12.72	0.40	0.40	Average
5	5.480	14.96	-35.04	50.00	13.86	0.50	0.60	Average
6	10.341	21.20	-28.80	50.00	19.70	0.80	0.70	Average



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Data#: 40 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 17:48:30



Data#: 41 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 17:56:23
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B LINE
EUT : 17"LCD MONITOR M/N:LM-700A
Power : 120Vac/60Hz
Memo : 800*600/75Hz 48KHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.175	44.09	-20.64	64.73	43.49	0.40	0.20	QP
2	0.236	37.37	-24.88	62.25	36.97	0.20	0.20	QP
3	0.588	21.47	-34.53	56.00	20.87	0.40	0.20	QP
4	1.475	12.22	-43.78	56.00	11.42	0.40	0.40	QP
5	5.480	19.10	-40.90	60.00	18.00	0.50	0.60	QP
6	12.501	34.25	-25.75	60.00	32.75	0.80	0.70	QP

Data#: 42 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 17:57:55
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B LINE
EUT : 17"LCD MONITOR M/N:LM-700A
Power : 120Vac/60Hz
Memo : 800*600/75Hz 48KHz

Page: 1

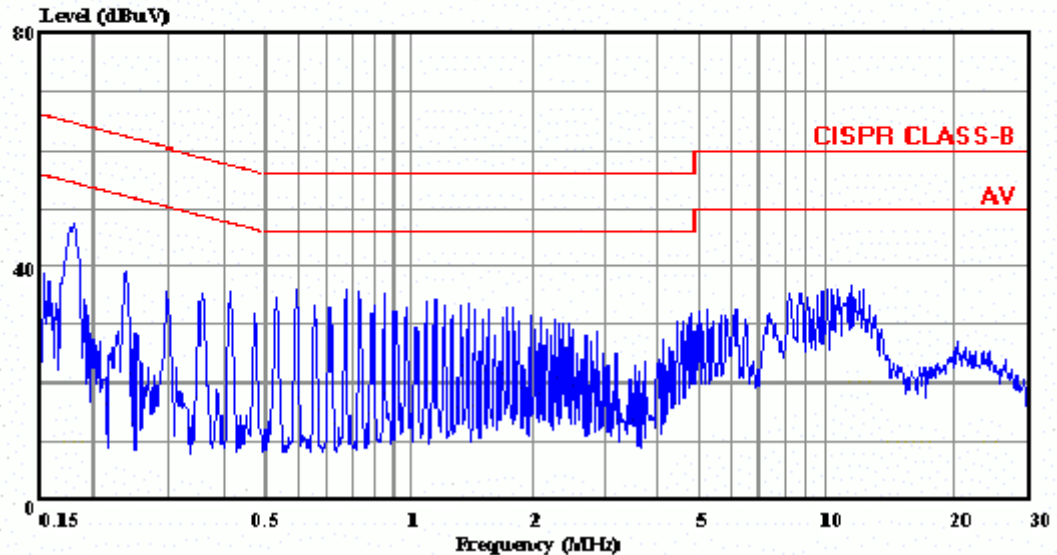
	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.175	35.30	-19.43	54.73	34.70	0.40	0.20	Average
2	0.236	34.27	-17.98	52.25	33.87	0.20	0.20	Average
3	0.588	19.01	-26.99	46.00	18.41	0.40	0.20	Average
4	1.475	12.80	-33.20	46.00	12.00	0.40	0.40	Average
5	5.480	14.64	-35.36	50.00	13.54	0.50	0.60	Average
6	12.501	28.05	-21.95	50.00	26.55	0.80	0.70	Average



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Data#: 46 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 18:02:04



Data#: 47 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 18:03:19
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B KNW-407 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700A
Power : 120Vac/60Hz
Memo : 1024*768/75Hz 60KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.176	44.15	-20.54	64.69	43.55	0.40	0.20	QP
2	0.233	32.56	-29.77	62.33	32.16	0.20	0.20	QP
3	0.588	21.19	-34.81	56.00	20.59	0.40	0.20	QP
4	1.475	18.34	-37.66	56.00	17.54	0.40	0.40	QP
5	5.481	30.95	-29.05	60.00	29.85	0.50	0.60	QP
6	12.502	35.99	-24.01	60.00	34.49	0.80	0.70	QP

Data#: 48 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 18:04:02
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B (AV) KNW-407 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700A
Power : 120Vac/60Hz
Memo : 1024*768/75Hz 60KHz

Page: 1

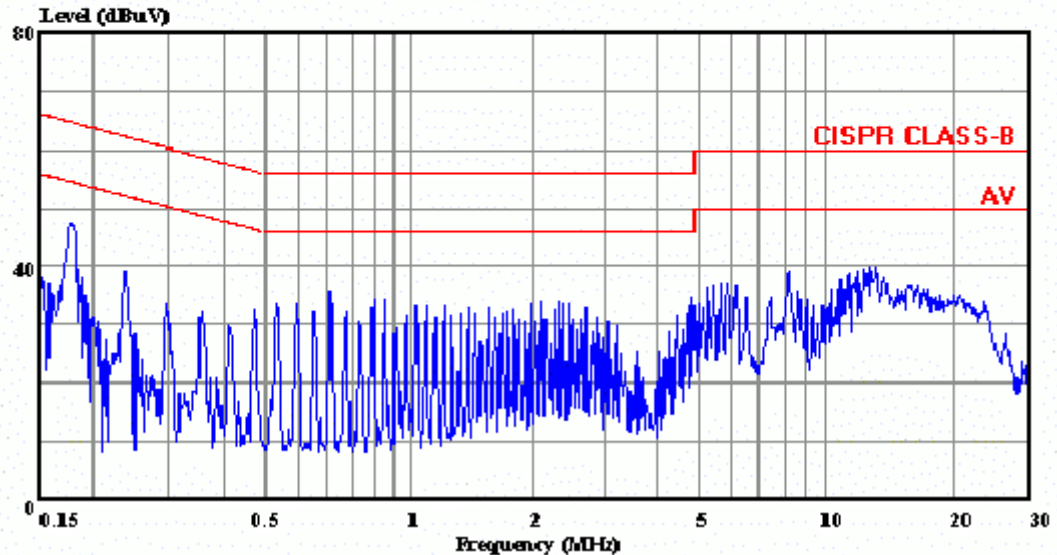
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.176	36.94	-17.75	54.69	36.34	0.40	0.20	Average
2	0.233	26.88	-25.45	52.33	26.48	0.20	0.20	Average
3	0.588	19.40	-26.60	46.00	18.80	0.40	0.20	Average
4	1.475	13.26	-32.74	46.00	12.46	0.40	0.40	Average
5	5.481	26.40	-23.60	50.00	25.30	0.50	0.60	Average
6	12.502	31.64	-18.36	50.00	30.14	0.80	0.70	Average



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Data#: 43 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 17:59:19



Data#: 44 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 17:59:50
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B KNW-407 LINE
EUT : 17"LCD MONITOR M/N:LM-700A
Power : 120Vac/60Hz
Memo : 1024*768/75Hz 60KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.174	42.62	-22.13	64.75	42.02	0.40	0.20	QP
2	0.234	35.43	-26.86	62.29	35.03	0.20	0.20	QP
3	0.589	22.57	-33.43	56.00	21.97	0.40	0.20	QP
4	1.475	16.74	-39.26	56.00	15.94	0.40	0.40	QP
5	5.481	27.04	-32.96	60.00	25.94	0.50	0.60	QP
6	12.501	34.21	-25.79	60.00	32.71	0.80	0.70	QP

Data#: 45 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 18:00:59
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B (AV) KNW-407 LINE
EUT : 17"LCD MONITOR M/N:LM-700A
Power : 120Vac/60Hz
Memo : 1024*768/75Hz 60KHz

Page: 1

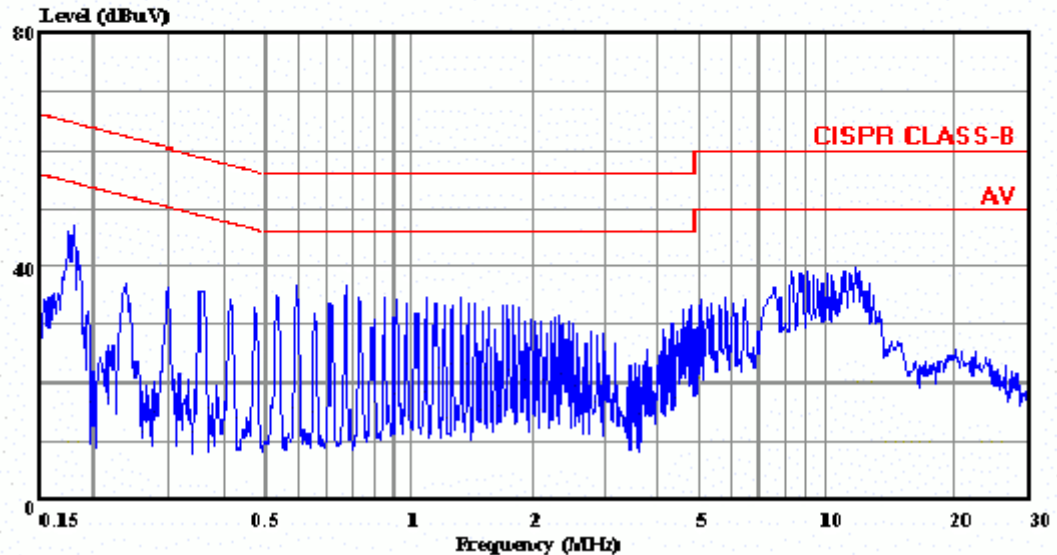
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.174	34.03	-20.72	54.75	33.43	0.40	0.20	Average
2	0.234	32.34	-19.95	52.29	31.94	0.20	0.20	Average
3	0.589	19.05	-26.95	46.00	18.45	0.40	0.20	Average
4	1.475	14.62	-31.38	46.00	13.82	0.40	0.40	Average
5	5.481	21.57	-28.43	50.00	20.47	0.50	0.60	Average
6	12.501	29.67	-20.33	50.00	28.17	0.80	0.70	Average



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Data#: 49 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 18:05:13



Data#: 50 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 18:05:49
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B KNW-407 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700A
Power : 120Vac/60Hz
Memo : 1280*1024/75Hz 80KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.176	43.89	-20.80	64.69	43.29	0.40	0.20	QP
2	0.233	31.99	-30.34	62.33	31.59	0.20	0.20	QP
3	0.588	19.77	-36.23	56.00	19.17	0.40	0.20	QP
4	1.475	14.06	-41.94	56.00	13.26	0.40	0.40	QP
5	5.481	33.22	-26.78	60.00	32.12	0.50	0.60	QP
6	12.502	35.42	-24.58	60.00	33.92	0.80	0.70	QP

Data#: 51 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 18:06:27
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B (AV) KNW-407 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700A
Power : 120Vac/60Hz
Memo : 1280*1024/75Hz 80KHz

Page: 1

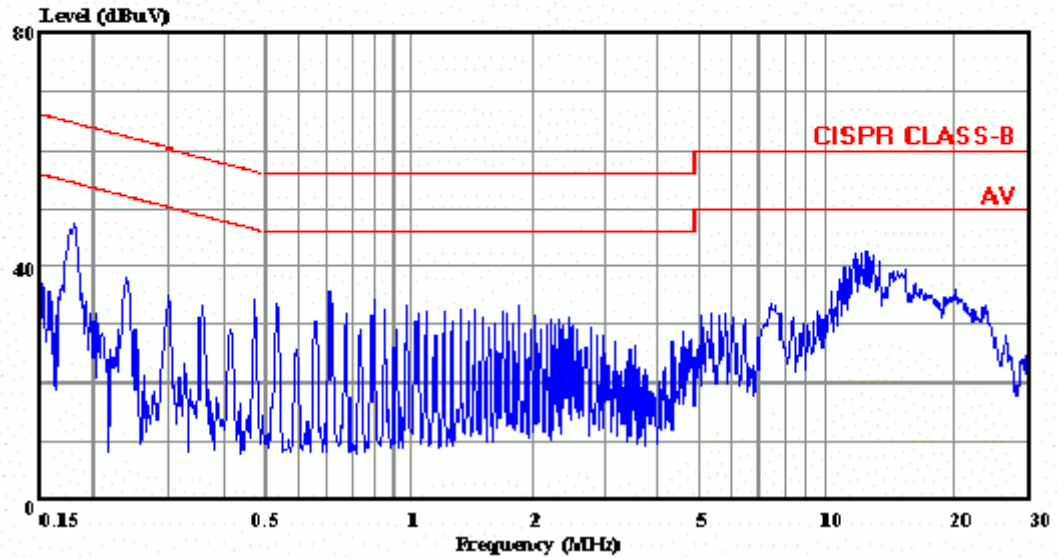
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.176	36.71	-17.98	54.69	36.11	0.40	0.20	Average
2	0.233	26.54	-25.79	52.33	26.14	0.20	0.20	Average
3	0.588	15.73	-30.27	46.00	15.13	0.40	0.20	Average
4	1.475	10.64	-35.36	46.00	9.84	0.40	0.40	Average
5	5.481	29.98	-20.02	50.00	28.88	0.50	0.60	Average
6	12.502	30.46	-19.54	50.00	28.96	0.80	0.70	Average



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Data#: 52 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 18:07:17



Data#: 53 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 18:07:46
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B KMW-407 LINE
EUT : 17"LCD MONITOR M/N:LM-700A
Power : 120Vac/60Hz
Memo : 1280*1024/75Hz 80KHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.176	43.97	-20.72	64.69	43.37	0.40	0.20	QP
2	0.233	31.82	-30.51	62.33	31.42	0.20	0.20	QP
3	0.586	21.20	-34.80	56.00	20.60	0.40	0.20	QP
4	1.474	16.92	-39.08	56.00	16.12	0.40	0.40	QP
5	5.480	29.89	-30.11	60.00	28.79	0.50	0.60	QP
6	12.501	36.46	-23.54	60.00	34.96	0.80	0.70	QP

Data#: 54 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 18:08:25
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B (AV) KMW-407 LINE
EUT : 17"LCD MONITOR M/N:LM-700A
Power : 120Vac/60Hz
Memo : 1280*1024/75Hz 80KHz

Page: 1

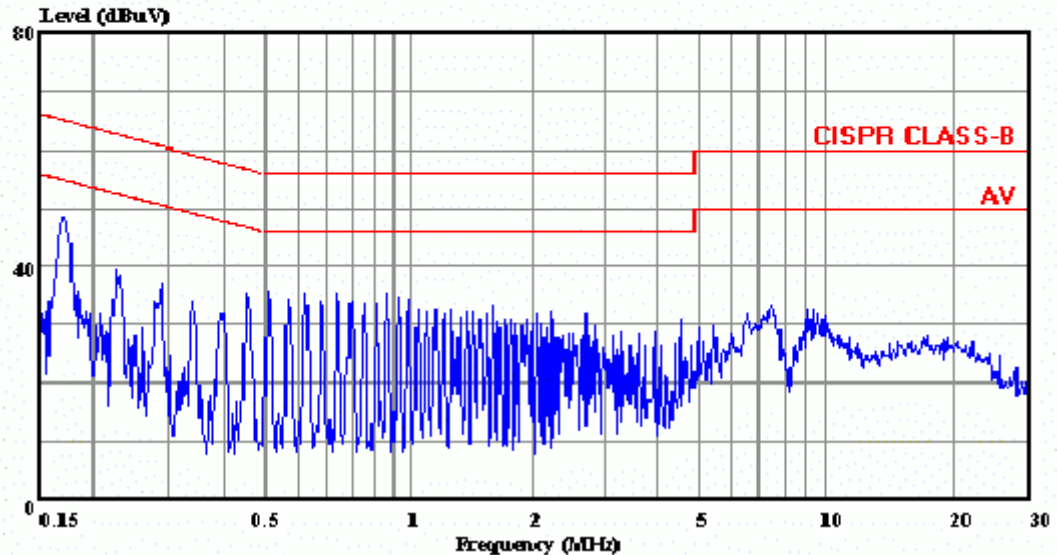
	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.176	35.53	-19.16	54.69	34.93	0.40	0.20	Average
2	0.233	28.45	-23.88	52.33	28.05	0.20	0.20	Average
3	0.586	19.61	-26.39	46.00	19.01	0.40	0.20	Average
4	1.474	11.51	-34.49	46.00	10.71	0.40	0.40	Average
5	5.480	26.67	-23.33	50.00	25.57	0.50	0.60	Average
6	12.501	30.26	-19.74	50.00	28.76	0.80	0.70	Average



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Data#: 109 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:16:02



Data#: 110 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:16:32
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700*
Power : 120Vac/60Hz
Memo : 800*600/75Hz 48KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.169	47.06	-17.93	64.99	46.46	0.40	0.20	QP
2	0.224	35.61	-27.07	62.68	35.21	0.20	0.20	QP
3	0.287	34.87	-25.74	60.61	34.47	0.20	0.20	QP
4	0.628	33.34	-22.66	56.00	32.74	0.40	0.20	QP
5	2.780	23.71	-32.29	56.00	22.91	0.40	0.40	QP
6	9.160	27.15	-32.85	60.00	26.05	0.50	0.60	QP

Data#: 111 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:17:18
No.3 Shielded room
Site : No.3 Shielded room
Condition: VCCI CLASS-2 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700*
Power : 120Vac/60Hz
Memo : 800*600/75Hz 48KHz

Page: 1

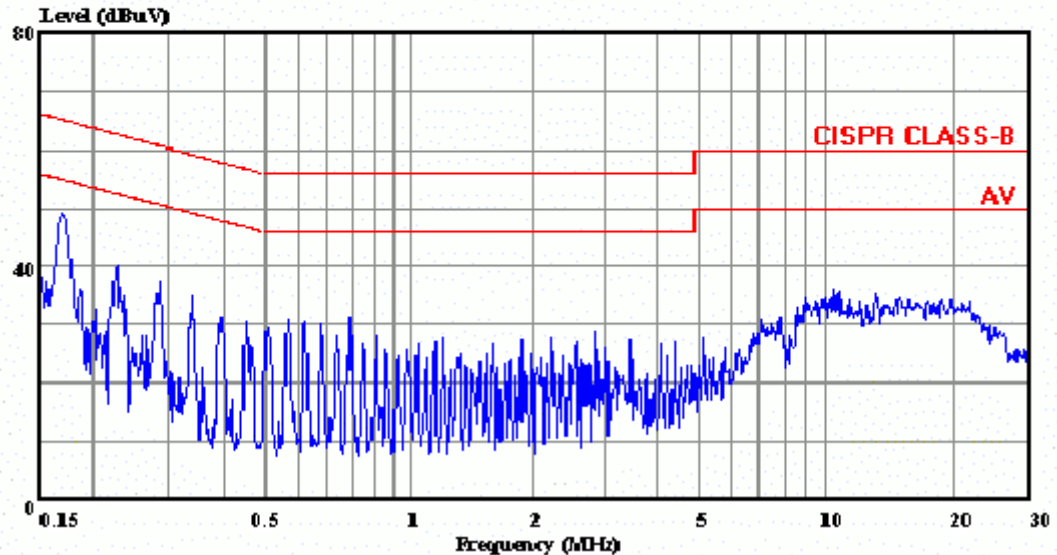
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.169	38.71	-16.28	54.99	38.11	0.40	0.20	Average
2	0.224	28.92	-23.76	52.68	28.52	0.20	0.20	Average
3	0.287	31.44	-19.17	50.61	31.04	0.20	0.20	Average
4	0.628	31.59	-14.41	46.00	30.99	0.40	0.20	Average
5	2.780	14.77	-31.23	46.00	13.97	0.40	0.40	Average
6	9.160	20.71	-29.29	50.00	19.61	0.50	0.60	Average



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Data#: 106 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:13:31



Data#: 107 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:14:59
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B LINE
EUT : 17"LCD MONITOR M/N:LM-700*
Power : 120Vac/60Hz
Memo : 800*600/75Hz 48KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.171	47.78	-17.13	64.91	47.18	0.40	0.20	QP
2	0.227	38.36	-24.21	62.57	37.96	0.20	0.20	QP
3	0.284	35.16	-25.54	60.70	34.76	0.20	0.20	QP
4	0.623	29.32	-26.68	56.00	28.72	0.40	0.20	QP
5	2.950	25.88	-30.12	56.00	25.08	0.40	0.40	QP
6	10.810	30.44	-29.56	60.00	28.94	0.80	0.70	QP

Data#: 108 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:15:17
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B LINE
EUT : 17"LCD MONITOR M/N:LM-700*
Power : 120Vac/60Hz
Memo : 800*600/75Hz 48KHz

Page: 1

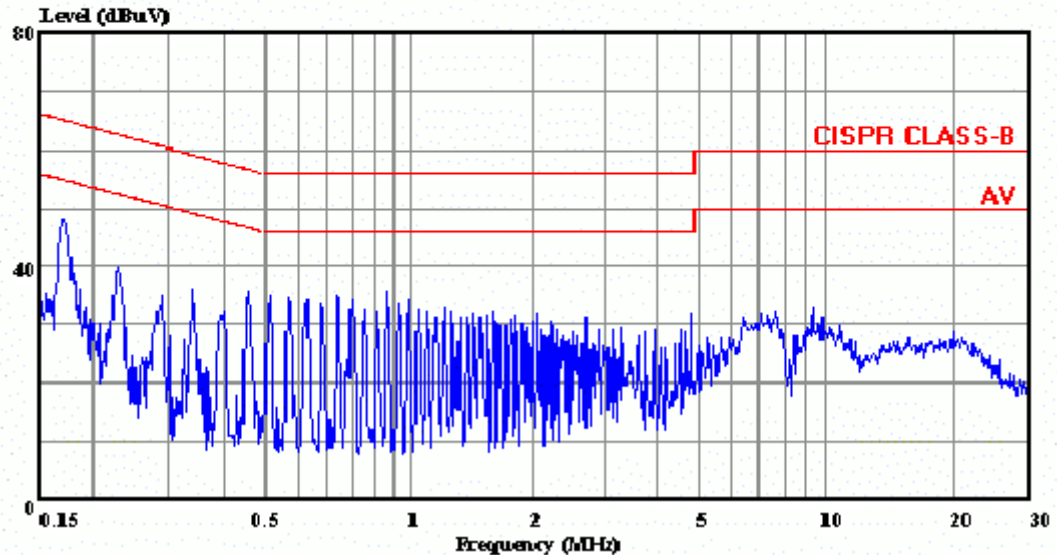
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.171	37.87	-17.04	54.91	37.27	0.40	0.20	Average
2	0.227	34.00	-18.57	52.57	33.60	0.20	0.20	Average
3	0.284	27.13	-23.57	50.70	26.73	0.20	0.20	Average
4	0.623	20.10	-25.90	46.00	19.50	0.40	0.20	Average
5	2.950	21.97	-24.03	46.00	21.17	0.40	0.40	Average
6	10.810	24.83	-25.17	50.00	23.33	0.80	0.70	Average



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Data#: 112 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:18:16



Data#: 113 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:18:47
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B KNW-407 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700*
Power : 120Vac/60Hz
Memo : 1024*768/75Hz 60KHz

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.172	47.08	-17.79	64.87	46.48	0.40	0.20	QP
2	0.227	38.40	-24.15	62.55	38.00	0.20	0.20	QP
3	0.288	33.59	-26.99	60.58	33.19	0.20	0.20	QP
4	0.626	33.68	-22.32	56.00	33.08	0.40	0.20	QP
5	2.780	21.29	-34.71	56.00	20.49	0.40	0.40	QP
6	9.580	28.08	-31.92	60.00	26.98	0.50	0.60	QP

Data#: 114 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:19:50
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B (AV) KNW-407 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700*
Power : 120Vac/60Hz
Memo : 1024*768/75Hz 60KHz

Page: 1

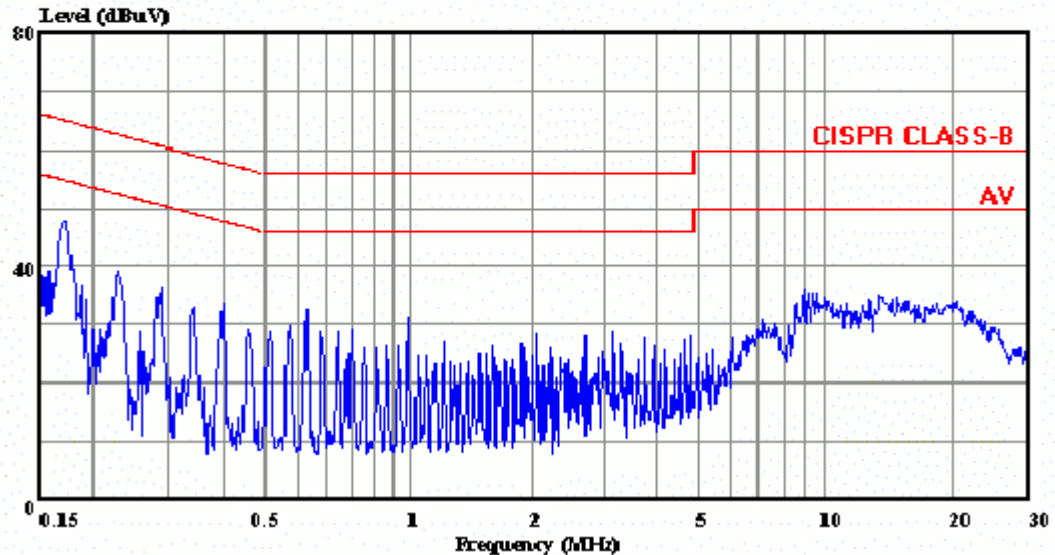
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.172	38.91	-15.96	54.87	38.31	0.40	0.20	Average
2	0.227	32.26	-20.29	52.55	31.86	0.20	0.20	Average
3	0.288	30.13	-20.45	50.58	29.73	0.20	0.20	Average
4	0.626	31.64	-14.36	46.00	31.04	0.40	0.20	Average
5	2.780	15.92	-30.08	46.00	15.12	0.40	0.40	Average
6	9.580	22.69	-27.31	50.00	21.59	0.50	0.60	Average



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Data#: 115 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:20:25



Data#: 116 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:20:54
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B KNW-407 LINE
EUT : 17"LCD MONITOR M/N:LM-700*
Power : 120Vac/60Hz
Memo : 1024*768/75Hz 60KHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.169	46.46	-18.53	64.99	45.86	0.40	0.20	QP
2	0.229	37.70	-24.78	62.48	37.30	0.20	0.20	QP
3	0.286	34.53	-26.10	60.63	34.13	0.20	0.20	QP
4	0.627	30.13	-25.87	56.00	29.53	0.40	0.20	QP
5	3.252	25.95	-30.05	56.00	25.15	0.40	0.40	QP
6	9.270	29.31	-30.69	60.00	28.21	0.50	0.60	QP

Data#: 117 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:21:57
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B (AV) KNW-407 LINE
EUT : 17"LCD MONITOR M/N:LM-700*
Power : 120Vac/60Hz
Memo : 1024*768/75Hz 60KHz

Page: 1

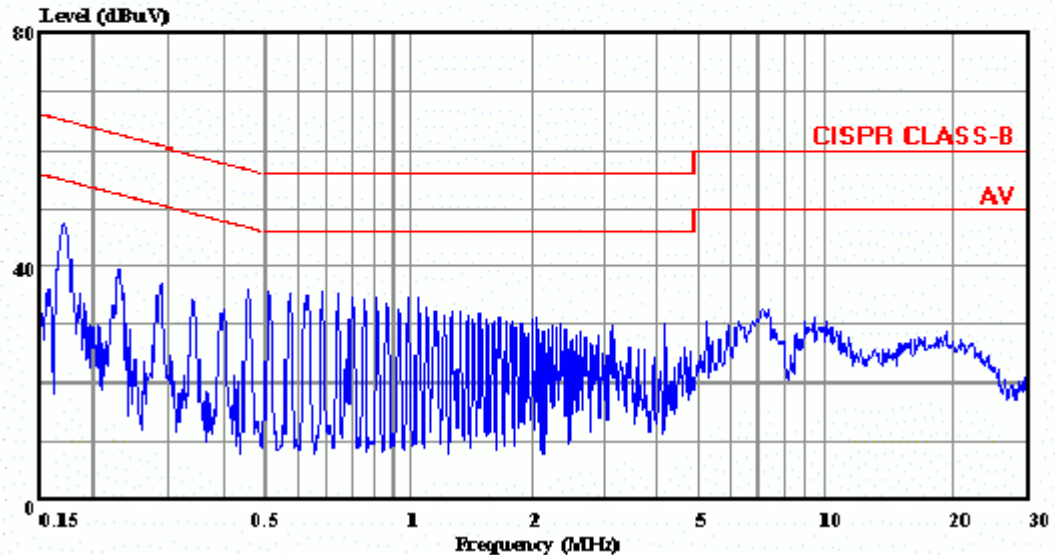
	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.169	36.62	-18.37	54.99	36.02	0.40	0.20	Average
2	0.229	33.87	-18.61	52.48	33.47	0.20	0.20	Average
3	0.286	26.79	-23.84	50.63	26.39	0.20	0.20	Average
4	0.627	21.13	-24.87	46.00	20.53	0.40	0.20	Average
5	3.252	21.57	-24.43	46.00	20.77	0.40	0.40	Average
6	9.270	21.90	-28.10	50.00	20.80	0.50	0.60	Average



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Data#: 121 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:24:54



Data#: 122 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:25:24
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B KNW-407 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700*
Power : 120Vac/60Hz
Memo : 1280*1024/75Hz 80KHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.171	46.14	-18.79	64.93	45.54	0.40	0.20	QP
2	0.231	36.23	-26.17	62.40	35.83	0.20	0.20	QP
3	0.287	35.40	-25.22	60.62	35.00	0.20	0.20	QP
4	0.800	33.64	-22.36	56.00	33.04	0.40	0.20	QP
5	4.330	28.02	-27.98	56.00	26.92	0.50	0.60	QP
6	7.200	30.27	-29.73	60.00	29.17	0.50	0.60	QP

Data#: 123 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:26:23
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B (AV) KNW-407 NEUTRAL
EUT : 17"LCD MONITOR M/N:LM-700*
Power : 120Vac/60Hz
Memo : 1280*1024/75Hz 80KHz

Page: 1

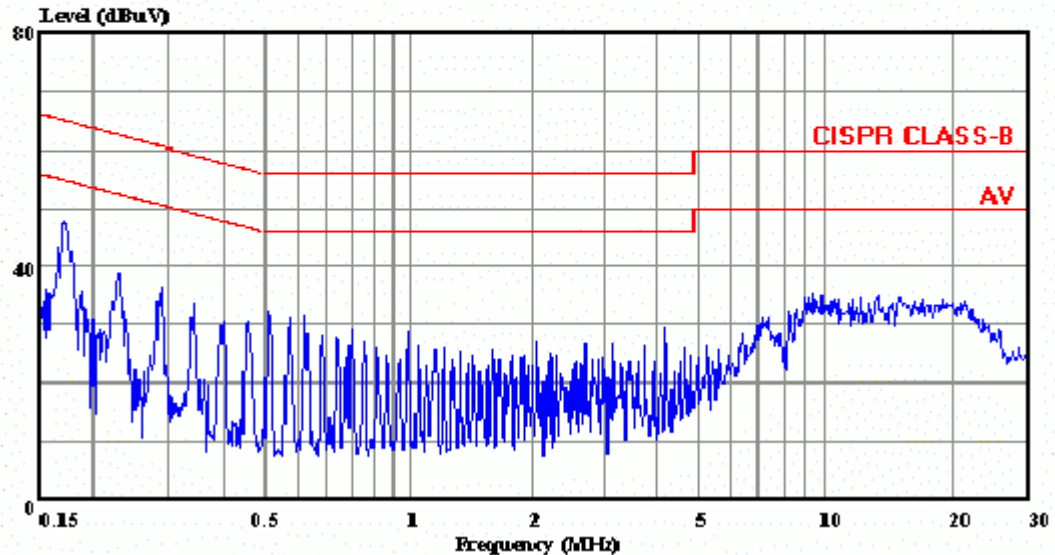
	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.171	38.30	-16.63	54.93	37.70	0.40	0.20	Average
2	0.231	30.36	-22.04	52.40	29.96	0.20	0.20	Average
3	0.287	32.43	-18.19	50.62	32.03	0.20	0.20	Average
4	0.800	31.91	-14.09	46.00	31.31	0.40	0.20	Average
5	4.330	23.88	-22.12	46.00	22.78	0.50	0.60	Average
6	7.200	24.91	-25.09	50.00	23.81	0.50	0.60	Average



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Data#: 118 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:22:49



Data#: 119 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:23:20
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B KNW-407 LINE
EUT : 17"LCD MONITOR M/N:LM-700*
Power : 120Vac/60Hz
Memo : 1280*1024/75Hz 80KHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.171	46.64	-18.26	64.90	46.04	0.40	0.20	QP
2	0.230	36.98	-25.46	62.44	36.58	0.20	0.20	QP
3	0.286	34.26	-26.37	60.63	33.86	0.20	0.20	QP
4	0.626	29.71	-26.29	56.00	29.11	0.40	0.20	QP
5	4.340	21.55	-34.45	56.00	20.45	0.50	0.60	QP
6	9.480	33.18	-26.82	60.00	32.08	0.50	0.60	QP

Data#: 120 File#: TOP VICTOR.EMI Date: 2001-10-25 Time: 19:24:15
No.3 Shielded room
Site : No.3 Shielded room
Condition: CISPR CLASS-B (AV) KNW-407 LINE
EUT : 17"LCD MONITOR M/N:LM-700*
Power : 120Vac/60Hz
Memo : 1280*1024/75Hz 80KHz

Page: 1

	Freq	Level	Over	Limit	Read	Probe	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.171	36.80	-18.10	54.90	36.20	0.40	0.20	Average
2	0.230	33.15	-19.29	52.44	32.75	0.20	0.20	Average
3	0.286	26.72	-23.91	50.63	26.32	0.20	0.20	Average
4	0.626	20.64	-25.36	46.00	20.04	0.40	0.20	Average
5	4.340	17.78	-28.22	46.00	16.68	0.50	0.60	Average
6	9.480	27.14	-22.86	50.00	26.04	0.50	0.60	Average

3. RADIATED EMISSION TEST

3.1. Test Equipment

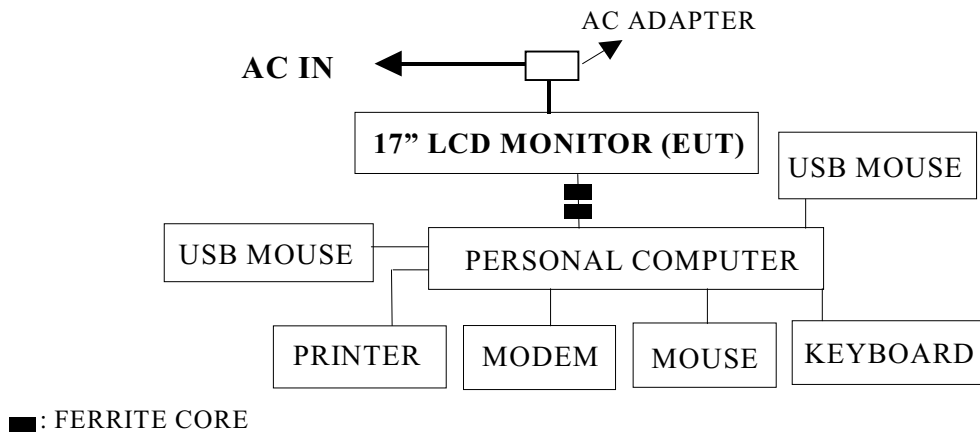
The following test equipment are used during the radiated emission tests :

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	HP	8595E	3829A03489	Oct.30, 00'	1 Year
2.	Test Receiver	R&S	ESVS10	826148/005	Jul.13, 01'	1 Year
3.	Broadband Antenna	Chase	VBA6106A	1258	Apr.16, 01'	1 Year
4.	Broadband Antenna	Chase	UPA6109	1064	Apr.16, 01'	1 Year

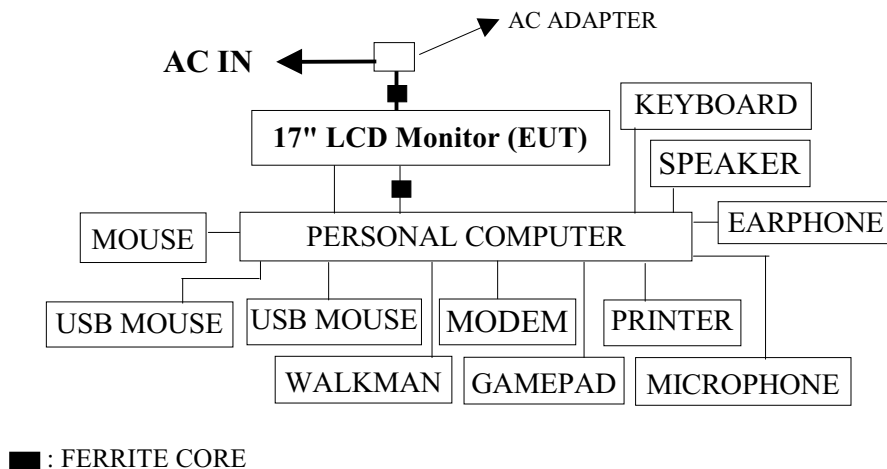
3.2. Block Diagram of Test Setup

3.2.1. Block Diagram of connection between EUT and simulators

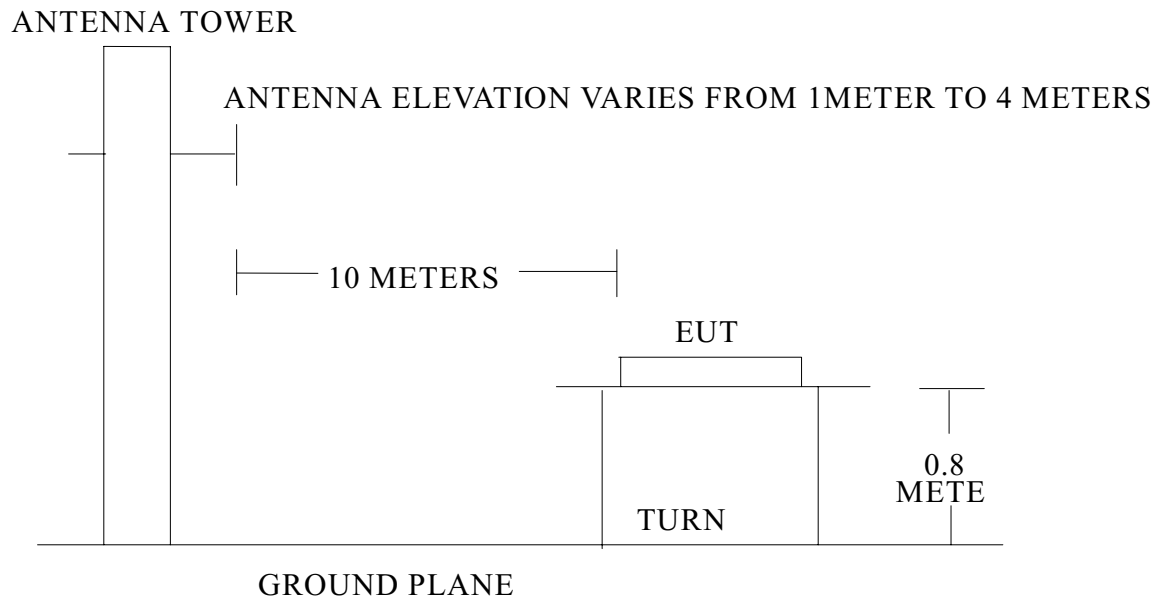
3.2.1.1. EUT # 1 and EUT # 3



3.2.1.2. EUT # 2



3.2.2. Open Field Test Site (10M) Setup Diagram



3.3. Radiation Limit (CLSPR 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 (dBuV/m)
30 ~ 230	10	30
230 ~ 1000	10	37

- Note :
- (1) The tighter limit shall apply 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.

3.4. 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 is listed in 2.5.

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 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 ESVS10 was set at 120KHz.

The frequency range from 30MHz to 1000MHz was checked.

Two models with one kind of horizontal working frequency and one model with three kinds of horizontal working frequency were done during radiated measurement and all the test results are listed in section 3.8..

Test Mode :

Model No.	Frequency Resolution
(1)LM-700	1280*1024/75Hz, 80KHz
(2)LM-700A	800*600/75Hz, 48KHz
	1024*768/75Hz, 60KHz
	1280*1024/75Hz, 80KHz
(3)LM-700*	1280*1024/75Hz, 80KHz

3.7. Test Results

PASSED. Please refer to the following pages.

3.8. Radiated Emission Measurement Results

The frequency spectrum from 30 MHz to 1000MHz is investigated. All the emissions not report below are too low against the CISPR 22 Class B limit.

Date of Test :	Oct. 26, 2001	Temperature :	32.5°C
EUT :	17" LCD Monitor, M/N LM-700	Humidity :	48%
Test Mode :	80KHz/1280*1024/75Hz		

Frequency MHz	Antenna	Cable	Meter Reading	Emission Level		Margin dB
	Factor dB/m	Loss dB	Horizontal dBμV	Horizontal dBμV/m	Limits dBμV/m	
56.000	14.10	1.74	4.79	20.63	30.00	9.37
83.993	15.65	2.08	- 0.97	16.76	30.00	13.24
111.987	18.96	2.47	- 2.45	18.98	30.00	11.02
139.981	21.03	2.83	- 2.34	21.52	30.00	8.48
167.975	22.62	3.11	- 0.20	25.53	30.00	4.47
195.969	22.24	3.36	- 1.78	23.82	30.00	6.18
* 223.962	22.96	3.64	- 0.45	26.15	30.00	3.85
251.956	24.66	3.88	0.59	29.13	37.00	7.87
335.938	14.63	4.58	6.40	25.61	37.00	11.39
400.000	15.85	5.08	4.78	25.71	37.00	11.29
600.000	19.27	6.68	1.02	26.97	37.00	10.03
783.847	22.13	8.58	- 0.15	30.56	37.00	6.44
800.000	22.72	8.41	0.59	31.72	37.00	5.28
951.814	24.29	8.65	- 1.24	31.70	37.00	5.30
999.999	24.07	8.86	- 0.53	32.40	37.00	4.60

- Remark :
1. All reading are Quasi-Peak values.
 2. The worst emission was detected at 223.962MHz with corrected signal level of 26.15dBuV/m (limit was 30.0dBuV/m) when the antenna was at horizontal polarization and was at 3.5m high and the turn table was at 135° .
 3. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Date of Test : Oct. 26, 2001 Temperature : 32.5°C

EUT : 17" LCD Monitor, M/N LM-700 Humidity : 48%

Test Mode : 80KHz/1280*1024/75Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level		Margin dB
			Vertical dB μ V		Vertical dB μ V/m	Limits dB μ V/m	
55.994	14.00	1.74	8.03		23.77	30.00	6.23
83.988	15.52	2.08	1.08		18.68	30.00	11.32
111.981	16.99	2.47	3.16		22.62	30.00	7.38
139.975	20.61	2.83	- 1.26		22.18	30.00	7.82
167.969	22.62	3.11	- 1.06		24.67	30.00	5.33
* 195.963	23.48	3.36	- 0.14		26.70	30.00	3.30
223.957	23.13	3.64	- 0.33		26.44	30.00	3.56
251.950	22.99	3.88	0.18		27.05	37.00	9.95
335.938	16.47	4.58	7.49		28.54	37.00	8.46
400.000	17.01	5.08	3.24		25.33	37.00	11.67
600.000	20.32	6.68	0.14		27.14	37.00	9.86
783.847	22.06	8.58	1.29		31.93	37.00	5.07
800.000	22.66	8.41	1.05		32.12	37.00	4.88
951.813	24.59	8.65	- 1.15		32.09	37.00	4.91
999.999	24.21	8.86	- 0.89		32.18	37.00	4.82

- Remark :
1. All reading are Quasi-Peak values.
 2. The worst emission was detected at 195.963MHz with corrected signal level of 26.70dB μ V/m (limit was 30dB μ V/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 180° .
 3. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Date of Test : Oct. 26, 2001 Temperature : 32.5°C

EUT : 17" LCD Monitor, M/N LM-700A Humidity : 48%

Test Mode : 48KHz/800*600/75Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level		Margin dB
			Horizontal dBuV	Horizontal dBuV/m	Horizontal dBuV/m	Limits dBuV/m	
83.121	15.50	2.07	- 0.43	17.14	30.00	30.00	12.86
113.215	19.05	2.48	- 1.66	19.87	30.00	30.00	10.13
135.785	20.68	2.79	- 1.42	22.05	30.00	30.00	7.95
173.401	22.64	3.15	- 2.71	23.08	30.00	30.00	6.92
200.000	22.23	3.40	- 1.88	23.75	30.00	30.00	6.25
212.726	23.06	3.54	- 2.25	24.35	30.00	30.00	5.65
248.634	24.16	3.86	- 1.81	26.21	37.00	37.00	10.79
286.250	27.49	4.12	- 0.93	30.68	37.00	37.00	6.32
335.953	14.64	4.59	5.76	24.99	37.00	37.00	12.01
400.000	15.85	5.08	11.95	32.88	37.00	37.00	4.12
459.287	16.48	5.92	0.47	22.87	37.00	37.00	14.13
600.000	19.27	6.68	1.77	27.72	37.00	37.00	9.28
684.986	20.25	8.53	- 0.98	27.80	37.00	37.00	9.20
783.875	22.13	8.58	2.87	33.58	37.00	37.00	3.42
800.000	22.72	8.41	1.58	32.71	37.00	37.00	4.29
891.424	22.61	8.50	2.03	33.14	37.00	37.00	3.86
999.999	24.07	8.86	- 0.10	32.83	37.00	37.00	4.17

Remark : All reading are Quasi-Peak values.

Date of Test : Oct. 26, 2001 Temperature : 32.5°C

EUT : 17" LCD Monitor, M/N LM-700A Humidity : 48%

Test Mode : 48KHz/800*600/75Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level		Margin dB
			Vertical dB μ V		Vertical dB μ V/m	Limits dB μ V/m	
83.122	15.40	2.07	1.25		18.72	30.00	11.28
113.215	17.16	2.48	- 0.13		19.51	30.00	10.49
135.785	20.47	2.79	- 2.56		20.70	30.00	9.30
173.401	23.20	3.15	- 3.18		23.17	30.00	6.83
200.000	23.38	3.40	- 0.86		25.92	30.00	4.08
212.702	23.57	3.54	- 2.01		25.10	30.00	4.90
248.634	22.92	3.86	- 2.03		24.75	37.00	12.25
286.251	25.32	4.12	- 0.62		28.82	37.00	8.18
335.953	16.47	4.59	1.30		22.36	37.00	14.64
400.000	17.01	5.08	6.58		28.67	37.00	8.33
459.286	17.96	5.92	- 1.40		22.48	37.00	14.52
600.000	20.32	6.68	1.64		28.64	37.00	8.36
684.985	20.66	8.53	- 1.70		27.49	37.00	9.51
783.872	22.06	8.58	1.05		31.69	37.00	5.31
800.000	22.66	8.41	1.14		32.21	37.00	4.79
891.424	24.08	8.50	- 0.59		31.99	37.00	5.01
999.999	24.21	8.86	- 0.64		32.43	37.00	4.57

Remark : All reading are Quasi-Peak values.

Date of Test : Oct. 26, 2001 Temperature : 32.5°C

EUT : 17" LCD Monitor, M/N LM-700A Humidity : 48%

Test Mode : 60KHz/1024*768/75Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level		Margin dB
			Horizontal dB μ V		Horizontal dB μ V/m	Limits dB μ V/m	
83.120	15.50	2.07	- 1.17		16.40	30.00	13.60
128.260	20.02	2.71	- 1.95		20.78	30.00	9.22
150.830	21.79	2.94	- 2.78		21.95	30.00	8.05
173.400	22.64	3.15	- 3.42		22.37	30.00	7.63
200.000	22.23	3.40	- 1.82		23.81	30.00	6.19
212.247	23.04	3.53	- 2.89		23.68	30.00	6.32
218.540	22.91	3.59	- 1.90		24.60	30.00	5.40
263.681	25.71	3.93	- 1.44		28.20	37.00	8.80
335.967	14.64	4.59	4.81		24.04	37.00	12.96
400.000	15.85	5.08	11.37		32.30	37.00	4.70
444.240	16.22	5.71	0.68		22.61	37.00	14.39
600.000	19.27	6.68	2.17		28.12	37.00	8.88
737.650	20.63	8.45	- 0.38		28.70	37.00	8.30
783.911	22.13	8.58	1.01		31.72	37.00	5.28
800.000	22.72	8.41	1.58		32.71	37.00	4.29
999.999	24.07	8.86	0.02		32.95	37.00	4.05

Remark : All reading are Quasi-Peak values.

Date of Test : Oct. 26, 2001 Temperature : 32.5°C

EUT : 17" LCD Monitor, M/N LM-700A Humidity : 48%

Test Mode : 60KHz/1024*768/75Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level		Margin dB
			Vertical dB μ V		Vertical dB μ V/m	Limits dB μ V/m	
83.121	15.40	2.07	0.59		18.06	30.00	11.94
128.261	19.71	2.71	- 1.82		20.60	30.00	9.40
150.831	21.48	2.94	- 1.99		22.43	30.00	7.57
173.401	23.20	3.15	- 3.23		23.12	30.00	6.88
200.000	23.38	3.40	- 1.42		25.36	30.00	4.64
212.250	23.56	3.53	- 1.63		25.46	30.00	4.54
218.541	23.23	3.59	- 1.47		25.35	30.00	4.65
263.681	23.63	3.93	- 1.72		25.84	37.00	11.16
335.968	16.47	4.59	6.71		27.77	37.00	9.23
400.000	17.01	5.08	10.66		32.75	37.00	4.25
444.245	17.74	5.71	1.70		25.15	37.00	11.85
600.000	20.32	6.68	1.29		28.29	37.00	8.71
737.651	21.30	8.45	- 0.37		29.38	37.00	7.62
783.911	22.06	8.58	1.37		32.01	37.00	4.99
800.000	22.66	8.41	- 0.08		30.99	37.00	6.01
999.999	24.21	8.86	- 0.98		32.09	37.00	4.91

Remark : All reading are Quasi-Peak values.

Date of Test : Oct. 26, 2001 Temperature : 32.5°C

EUT : 17" LCD Monitor, M/N LM-700A Humidity : 48%

Test Mode : 80KHz/1280*1024/75Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level		Margin dB
			Horizontal dBuV		Horizontal dBuV/m	Limits dBuV/m	
83.120	15.50	2.07	- 1.67		15.90	30.00	14.10
128.260	20.02	2.71	- 2.17		20.56	30.00	9.44
150.829	21.79	2.94	- 2.71		22.02	30.00	7.98
173.399	22.64	3.15	- 3.23		22.56	30.00	7.44
195.970	22.24	3.36	- 2.39		23.21	30.00	6.79
200.000	22.23	3.40	- 2.04		23.59	30.00	6.41
218.541	22.91	3.59	- 0.53		25.97	30.00	4.03
263.680	25.71	3.93	- 1.47		28.17	37.00	8.83
335.945	14.63	4.58	6.79		26.00	37.00	11.00
400.000	15.85	5.08	8.60		29.53	37.00	7.47
600.000	19.27	6.68	3.92		29.87	37.00	7.13
669.941	20.44	8.40	- 1.33		27.51	37.00	9.49
783.875	22.13	8.58	0.72		31.43	37.00	5.57
* 800.000	22.72	8.41	1.99		33.12	37.00	3.88
810.104	23.14	8.34	0.23		31.71	37.00	5.29
999.999	24.07	8.86	- 0.11		32.82	37.00	4.18

- Remark :
1. All reading are Quasi-Peak values.
 2. The worst emission was detected at 800.000MHz with corrected signal level of 33.12dBuV/m (limit was 37.0dBuV/m) when the antenna was at horizontal polarization and was at 1m high and the turn table was at 225° .
 3. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Date of Test : Oct. 26, 2001 Temperature : 32.5°C

EUT : 17" LCD Monitor, M/N LM-700A Humidity : 48%

Test Mode : 80KHz/1280*1024/75Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level		Margin dB
			Vertical dBuV		Vertical dBuV/m	Limits dBuV/m	
83.121	15.40	2.07	0.26		17.73	30.00	12.27
128.261	19.71	2.71	- 1.60		20.82	30.00	9.18
150.831	21.48	2.94	- 2.05		22.37	30.00	7.63
173.401	23.20	3.15	- 3.17		23.18	30.00	6.82
195.971	23.48	3.36	- 0.80		26.04	30.00	3.96
200.000	23.38	3.40	- 0.97		25.81	30.00	4.19
213.493	23.58	3.55	- 1.11		26.02	30.00	3.98
218.541	23.23	3.59	- 0.37		26.45	30.00	3.55
263.681	23.63	3.93	- 0.73		26.83	37.00	10.17
335.944	16.47	4.58	7.93		28.98	37.00	8.02
* 400.000	17.01	5.08	13.05		35.14	37.00	1.86
600.000	20.32	6.68	0.60		27.60	37.00	9.40
669.941	20.56	8.40	- 0.82		28.14	37.00	8.86
783.875	22.06	8.58	2.91		33.55	37.00	3.45
800.000	22.66	8.41	2.35		33.42	37.00	3.58
810.104	22.83	8.34	1.80		32.97	37.00	4.03
999.999	24.21	8.86	- 1.13		31.94	37.00	5.06

- Remark :
1. All reading are Quasi-Peak values.
 2. The worst emission was detected at 400.000MHz with corrected signal level of 35.14dBuV/m (limit was 37.0dBuV/m) when the antenna was at vertical polarization and was at 3m high and the turn table was at 135° .
 3. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna

Date of Test : Oct. 26, 2001 Temperature : 32.5°C

EUT : 17" LCD Monitor, M/N LM-700* Humidity : 48%

Test Mode : 80KHz/1280*1024/75Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level		Margin dB
			Horizontal dBμV		Horizontal dBμV/m	Limits dBμV/m	
55.993	14.10	1.74	6.44		22.28	30.00	7.72
111.980	18.96	2.47	- 2.55		18.88	30.00	11.12
139.975	21.03	2.83	- 2.60		21.26	30.00	8.74
167.969	22.62	3.11	- 2.66		23.07	30.00	6.93
195.962	22.24	3.36	- 0.78		24.82	30.00	5.18
200.000	22.23	3.40	- 2.77		22.86	30.00	7.14
* 223.956	22.96	3.64	0.48		27.08	30.00	2.92
251.951	24.66	3.88	- 0.16		28.38	37.00	8.62
335.932	14.63	4.58	5.38		24.59	37.00	12.41
391.921	15.68	5.02	7.72		28.42	37.00	8.58
447.909	16.27	5.76	3.27		25.30	37.00	11.70
503.897	17.77	6.21	0.73		24.71	37.00	12.29
600.000	19.27	6.68	- 0.98		24.97	37.00	12.03
643.867	20.33	7.58	- 1.57		26.34	37.00	10.66
783.836	22.13	8.58	2.32		33.03	37.00	3.97
999.999	24.07	8.86	- 0.85		32.08	37.00	4.92

- Remark :
1. All reading are Quasi-Peak values.
 2. The worst emission was detected at 223.956MHz with corrected signal level of 27.08dBuV/m (limit was 30.0dBuV/m) when the antenna was at horizontal polarization and was at 3.6m high and the turn table was at 150° .
 3. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Date of Test : Oct. 26, 2001 Temperature : 32.5°C

EUT : 17" LCD Monitor, M/N LM-700* Humidity : 48%

Test Mode : 80KHz/1280*1024/75Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level		Margin dB
			Vertical dBμV		Vertical dBμV/m	Limits dBμV/m	
55.993	14.00	1.74	7.44		23.18	30.00	6.82
111.980	16.99	2.47	- 1.18		18.28	30.00	11.72
139.975	20.61	2.83	- 0.94		22.50	30.00	7.50
167.969	22.62	3.11	- 1.13		24.60	30.00	5.40
195.962	23.48	3.36	- 0.34		26.50	30.00	3.50
200.000	23.38	3.40	- 1.41		25.37	30.00	4.63
*	223.956	23.13	3.64	0.50	27.27	30.00	2.73
251.951	22.99	3.88	2.87		29.74	37.00	7.26
335.932	16.47	4.58	4.09		25.14	37.00	11.86
391.921	16.83	5.02	5.17		27.02	37.00	9.98
447.909	17.79	5.76	4.66		28.21	37.00	8.79
503.897	18.28	6.21	1.90		26.39	37.00	10.61
600.000	20.32	6.68	- 1.71		25.29	37.00	11.71
643.867	20.52	7.58	- 1.92		26.18	37.00	10.82
783.836	22.06	8.58	1.28		31.92	37.00	5.08
999.999	24.21	8.86	- 1.06		32.01	37.00	4.99

- Remark :
1. All reading are Quasi-Peak values.
 2. The worst emission was detected at 223.956MHz with corrected signal level of 27.27dBuV/m (limit was 30.0dBuV/m) when the antenna was at vertical polarization and was at 1m high and the turn table was at 180° .
 3. 0° is the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

4. MODIFICATIONS TO EUT

**** FOR LM-700*(Black) & LM-700A****

1. Added two ferrite cores on both end of video cable. (for LM-700*(Black) only)
2. Added a ferrite core on end of video cable near PC. (for LM-700A only)
3. Added a ferrite core on end of video cable near main board. (inside the case)
4. Added a ferrite core on cable from function-key-board to main board.
5. Added a ferrite core on DC power cord.
6. Added conductive fabric tape on cable from main board to LCD panel control board.
7. Added four copper foils on metal frame of panel. (for LM-700A only)

**** FOR LM-700 (White)****

1. Added two ferrite cores on both end of video cable.
2. Added a ferrite core on end of video cable near main board. (inside the case)
3. Added a ferrite core on DC power cord.
4. Added three aluminum foils from panel to metal frame.
5. Added aluminum foil on cable from main board to DC connector.
6. Added conductive fabric tape on cable from main board to LCD panel control board.
7. Added two aluminum foils from panel to metal frame.
8. Added two aluminum foils on metal frame of panel.

5. DEVIATION TO TEST SPECIFICATIONS

【NONE】