Philips Electronics Industries (Taiwan) Ltd - EMC Lab. 5, Tze Chiang 1 Road, Chungli Industrial Park, Chungli, Taoyuan, Taiwan Tel.: +886-3-454-9862 Fax.: +886-3-454-9887 E-mail: ronnie.yang@philips.com	FCC Test Report	Report No.: TYR87-2033 Date : 04 November, 2002 Page : Page 1 of 46

Customer : Philips Electronics Industries

Name : Mr. S.T. Huang – EE LCD
Address : 5, Tze Chiang 1 Road,
Zip/City : Chungli Industrial Park,
Country : Chungli, Taiwan, R.O.C.

Equipment Under Test (including peripherals) :

FCC ID. : A3KM116
Model Name : 170W4
Serial Number : TY0204060
Description : 17" XGA LCD color monitor, Max. resolution 1280x768/75Hz

EMC Standards : FCC Part 15 of October 01,1999 Class B
ANSI C63.4-1992

Result : PASSED the limits/test-levels in the standards.

Note : The results in this report apply only to the sample(s) and mode(s) tested. It is the manufacturer's responsibility to assume the continued EMC compliance of production models.

Date of receipt of EUT : 28 Oct. 2002

Date of performance of test : 29 Oct., 2002 to 02 Nov., 2002

C.C. Wu - EMC Test Engineer

Ronnie Yang - EMC Manager
NVLAP Signatory

Table of contents

1. Summary of test results

Test	Standard	Result	Note
Emission, ANSI C63.4-1992			
Conducted emission	FCC Part 15	**Passed**	
Radiated emission	FCC Part 15	**Passed**	

Remark:

The test sample fully complies with the requirements set forth in : FCC Part 15 Class B.

2. General Information of EUT

The EUT, 17" color monitor :

Model No. : 170W4
FCC ID : A3KM116
Brand : PHILIPS

The color monitor automatically scans horizontal frequencies between 30KHz and 64KHz , and vertical frequencies between 56Hz and 75Hz. This color monitor displays sharp and brilliant images of text and graphics with a maximum resolution up to 1280x768 pixels.

The monitor has 15 factory-preset modes as indicated in the following table:

#	Resolution	Frequency	Pixel rate	Sync	Comment
1	640X350	31.5K/70HZ	25.175	(+/-)	IBM VGA 10h
2	720X400	31.5K/70HZ	28.322	(-/+)	IBM VGA 3h
3	640X480	35.0K/67HZ	30.24	(-/-)	
4	640X480	31.5K/60HZ	25.175	(-/-)	
5	640X480	37.5K/75HZ	31.501	(-/-)	
6	800X600	35.2K/56HZ	36	(+/+)	
7	800X600	37.9K/60HZ	40	(+/+)	
8	800X600	46.9K/75HZ	49.498	(+/+)	
9	832X624	49.7K/75HZ	57.28	(+/+)	MAC
10	1024X768	48.4K/60HZ	65	(-/-)	
11	1024X768	60.0K/75HZ	78.75	(+/+)	
12	1280X720	52.5K/70Hz	89.040	(-/+)	
13	1280X768	44.4k/56Hz	73.895	(-/+)	
14	1280X768	47.7K/60HZ	80.136	(-/+)	
15	1280X768	60.2K/75HZ	117	(-/+)	

3. Test Equipment

Test equipment used for line Conducted and Radiated emissions as following.
All equipment were calibrated according to ANSI C63.4-1992 and ISO-9000 requirement unless otherwise specified.
Traceability to R.O.C. and international standards is assured by using calibrated all equipment.

- For Conducted Emissions Test:

Test Equipment	Model No.	Serial No.	Last Calibrate	Next Calibrate
Spectrum	HP8568B	2928A04640	06/27/2002	06/27/2003
EMI Receiver	R & S ESVS30	841977/006	06/13/2002	06/13/2003
LISN	EMCO 3825/2	9311-2153	06/13/2002	06/13/2003
LISN	EMCO 3825/2	9311-2154	06/13/2002	06/13/2003
RF Cable	8-meter	N/A	05/29-2002	05/29/2003

- For Radiated Emissions Test:

Test Equipment	Model No.	Serial No.	Last Calibrate	Next Calibrate
Spectrum	HP8568B	2928A04640	06/27/2002	06/27/2003
RF Preselector	HP85685A	2620A00338	06/27/2002	06/27/2003
QP Adapter	HP85650A	2811A01324	06/27/2002	06/27/2003
EMI Receiver	HP85460A	3441A00199	11/09/2001	11/09/2002
RFI Filter Section	HP85460A	3330A00177	11/09/2001	11/09/2002
EMI Receiver	R & S ESVS30	841977/006	06/13/2002	06/13/2003
Biconical Antenna	EMCO 3110B	3222	06/04/2002	06/04/2003
Biconical Antenna	EMCO 3110B	3224	06/04/2002	06/04/2003
Log-Periodic Antenna	EMCO 3146A	1424	06/04/2002	06/04/2003
Log-Periodic Antenna	EMCO 3146A	1425	06/04/2002	06/04/2003
Turn Table	EMCO 1060	1068	05/27/2002	05/27/2003
Antenna Tower	EMCO 1050	1113	05/27/2002	05/27/2003
RF Cable	M17/75-RG214-NE	N/A	05/27/2002	05/27/2003

4. Test Configuration of EUT and Peripherals

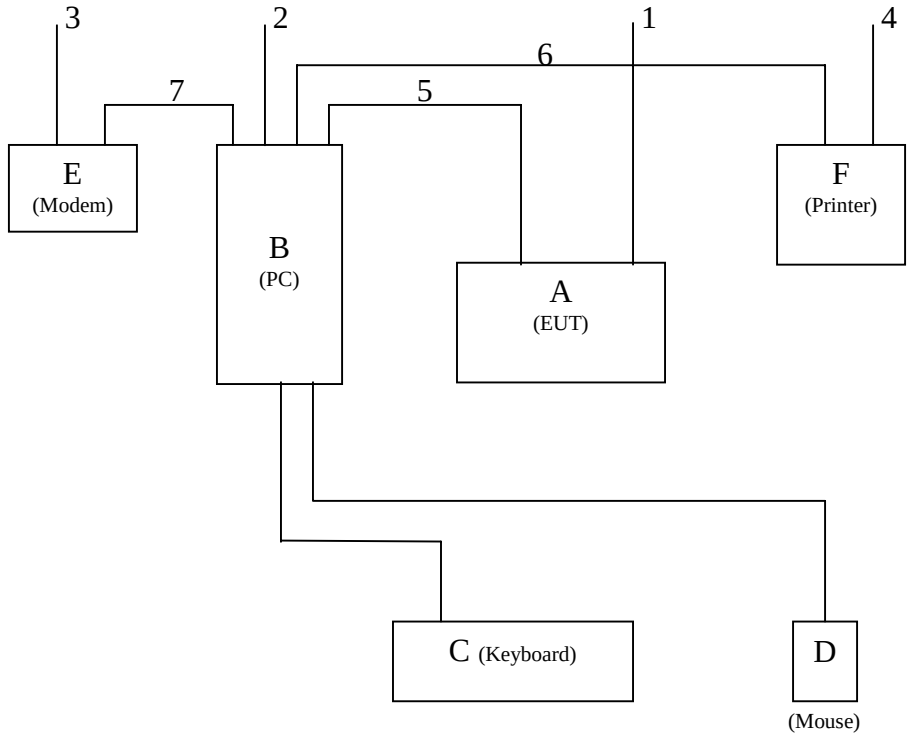
The system was configured for testing in a typical fashion (as a customer would normally use it) according to ANSI C63.4-1992, please see the photographs for detail. For system measurement, the EUT "170W4" were connected to:

	Description	Brand/ Model No.	Serial No.	FCC ID	Remark
A	Monitor	PHILIPS 150S4	TY0204060	A3KM116	EUT
B	PC	Compaq ENC P866	5K15FXHZ2013	FCC Logo	
C	Keyboard	Compaq KB-9963	B26950GGALP13Q	FCC Logo	
D	Mouse	Compaq M-S48a		JNZ201213	
E	Modem	Hayes 231AA	A22231081770	BFJ9D9308US	
F	Printer	HP 2225C	2934S55406	DSI6XU2225	

Connected Cables

No.	Description	Manufacturer	Length	Shielded	Remark
1	Power Cord	Long Shine	1.8 meters	No	for EUT
2	Power Cord	Acer	1.8 meters	No	for PC
3	Power Cord	Aceex	2.0 meters	No	for Modem
4	Power Cord	HP	1.8 meters	No	for Printer
5	Video Cable	Long Shine	1.5 meters	Yes	
6	Printer Cable	HP	1.8 meters	Yes	
7	Modem Cable	Aceex	1.5 meters	Yes	

System Block Diagram of Test Configuration



5. Test Procedure

Test was performed by:

PHILIPS ELECTRONICS INDUSTRIES (TAIWAN) LTD.
CONSUMER ELECTRONICS DIVISION
- EMC LAB

5, Tze Chiang 1 Road, Chungli Industrial Park
P.O. Box 123, Chungli, Taoyuan, Taiwan
Tel : 886-3-4549862 Fax : 886-3-4549887
Internet: ronnie.yang@philips.com

The test was performed in accordance with ANSI C63.4-1992, "AMERICAN NATIONAL STANDARD FOR MEASUREMENT OF RADIO-NOISE EMISSION FROM LOW-VOLTAGE ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE RANGE OF 9KHz TO 40GHz"

Both conducted and radiated testing were performed according to the procedure in ANSI C63.4-1992. Conducted testing was performed in screen room and radiated testing was performed in open site at an antenna to EUT distance of 3-meter on horizontal and vertical polarization.

First, pre-scan all modes in screen room then select 2 higher modes (worst case) were tested and reported.

The line conductive interference was tested with 110VAC and 220VAC receptively.

Unshielded power cord was used during test.
D-sub I/F cable with two ferrite cores was used.
DVI I/F cable with two ferrite cores was used.

Tested and reported modes as following:

Test Item	File No.	Resolution	Frequencies	I/F Cable
Conducted	EMI02-060-C	1280x768	61KHz/75Hz	D-sub & DVI
		1024x768	60KHz/75Hz	D-sub
Radiated	EMI02-060-R	1280x768	61KHz/75Hz	D-sub & DVI
		1024x768	60KHz/75Hz	D-sub

Set up the EUT and all peripherals as chapter 6 of ANSI C63.4-1992 for AC power line conducted emissions testing and radiated emissions testing.

Turn on the power of EUT and all peripherals, select an appropriate displaying mode using the "setup" software. Then run an EMI test program "HTEST.EMI" as a basic software to execute the EUT operating under test. A pattern of scrolling H's should be displayed on the monitor.

Step 1 : Run the “HTEST.EMI” on personal computer then sends “H” character to monitor continuously until full screen.

Step 2 : Personal computer sends a complete line of continuously repeating “H” to HP 2225C printer.

Step 3 : Personal computer sends a file of “H” pattern to floppy disk then read a file of “H” pattern from floppy disk.

Step 4 : Personal computer sends a file of “H” pattern to hard disk then read a file of “H” pattern from hard disk.

Step 5 : Personal computer sends a file of “H” patter to USRobotics 268 modem.

Step 6 : Return to step 1

All data in this report are “PEAK” value within 15dB margin unless otherwise noted.

6. Measurement Uncertainty

The system uncertainty listed below are based on the instrument absolute specifications, and do not include uncertainties of the equipment under test.

Uncertainty for Radiated Emissions Test at 3 meters Test Site.

Source of Measurement Uncertainty	Uncertainty/dB
Antenna factor calibration	+/-2.0
Cable loss calibration	+/-0.5
Receiver specification	+/-1.0
Antenna position ver.	+/-2.0
Measurement distance ver.	+/-0.5
Site imperfections	+/-2.0
Mismatch	+/-1.1
System repeatability	+/-0.5

Uncertainty for Conducted Emissions Test at 3 meters Test Site.

Source of Measurement Uncertainty	Uncertainty/dB
LISN specification	+/-2.0
Cable loss calibration	+/-0.5
Receiver specification	+/-1.0
Pulse limiter Spec.	+/-0.3
Measurement distance ver.	+/-0.5
Site imperfections	+/-2.0
System repeatability	+/-0.5

7. Conducted Emissions Test

Conducted Emissions

FCC Part 15

Operating conditions EUT:

EUT powered on with scrolling "H" pattern.

Limits:

Frequency range (MHz)	Class A (dBuv) QP	Class B (dBuv) QP
0.45 – 1.705	60.0	48.0
1.705 – 30.0	69.5	48.0

Test Result :

Passed FCC Class B Limits

Option:

The following option may be employed if the conducted emissions exceed the limits, as appropriate, when measured using instrumentation employing a quasi-peak detector function: If the level of the emission measured using the quasi-peak instrumentation is 6dB, or, more higher than the level of the same emission measured with instrumentation having an average detector and a 9KHz minimum bandwidth, that emission is considered broadband and the level obtained with the quasi-peak detector may be reduced by 13dB for comparison to the limits.

Remark:

Date of Test	: 29 Oct., 2002 to 02 Nov., 2002
Test Engineer	: C.C.Wu

For detail measurement results see next pages.

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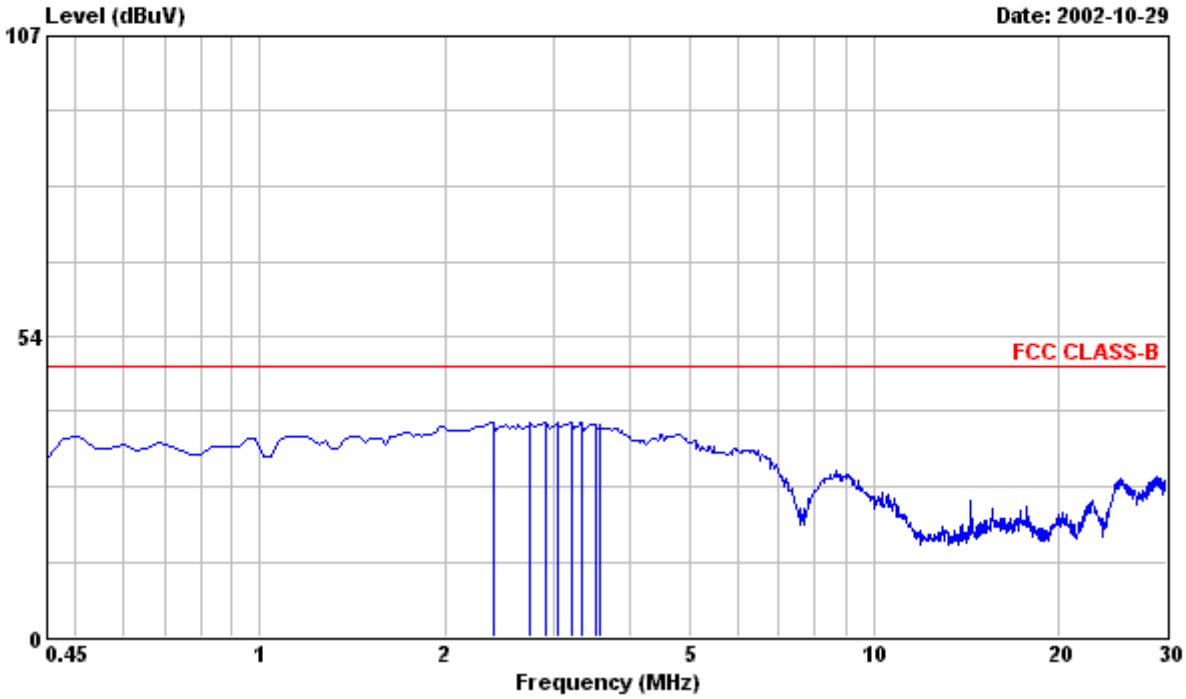

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 16 "H" PATTERN,D-SUB.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1280x768/75Hz 61KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP Reading	Limit Line	Factor	Emission Lavel	Over Limit	Remark
2.400	37.60	---	48.00	0.40	38.00	-10.00	Peak
2.755	37.60	---	48.00	0.40	38.00	-10.00	Peak
2.932	37.80	---	48.00	0.40	38.20	-9.80	Peak
3.050	37.70	---	48.00	0.40	38.10	-9.90	Peak
3.228	37.70	---	48.00	0.40	38.10	-9.90	Peak
3.346	37.60	---	48.00	0.40	38.00	-10.00	Peak
3.523	37.50	---	48.00	0.40	37.90	-10.10	Peak
3.582	37.50	---	48.00	0.40	37.90	-10.10	Peak

Remarks: 1. All Readings are Peak & Quasi-Peak Values.
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C.C.Wu

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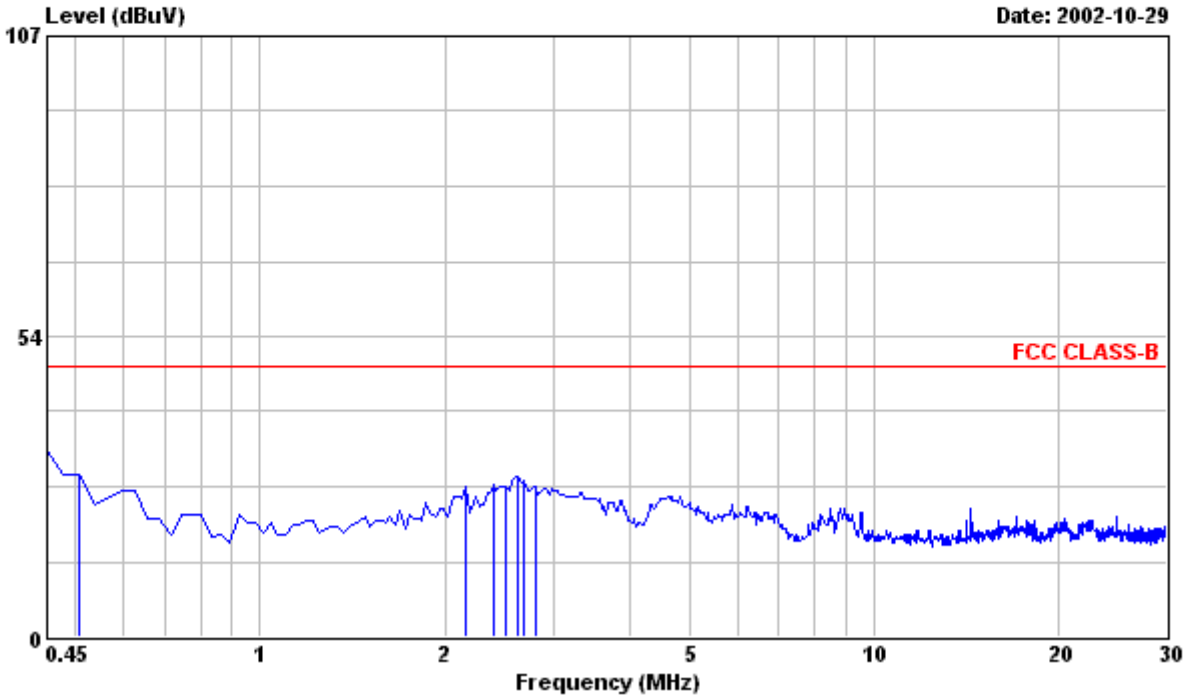

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 16 "H" PATTERN,D-SUB.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1280x768/75Hz 61KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit	Remark
0.450	33.00	---	48.00	0.20	33.20	-14.80	Peak
0.509	28.50	---	48.00	0.23	28.73	-19.27	Peak
2.164	26.40	---	48.00	0.40	26.80	-21.20	Peak
2.400	26.70	---	48.00	0.40	27.10	-20.90	Peak
2.519	26.40	---	48.00	0.40	26.80	-21.20	Peak
2.637	28.00	---	48.00	0.40	28.40	-19.60	Peak
2.696	27.40	---	48.00	0.40	27.80	-20.20	Peak
2.814	26.20	---	48.00	0.40	26.60	-21.40	Peak

Remarks: 1. All Readings are Peak & Quasi-Peak Values.
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C.C.Wu

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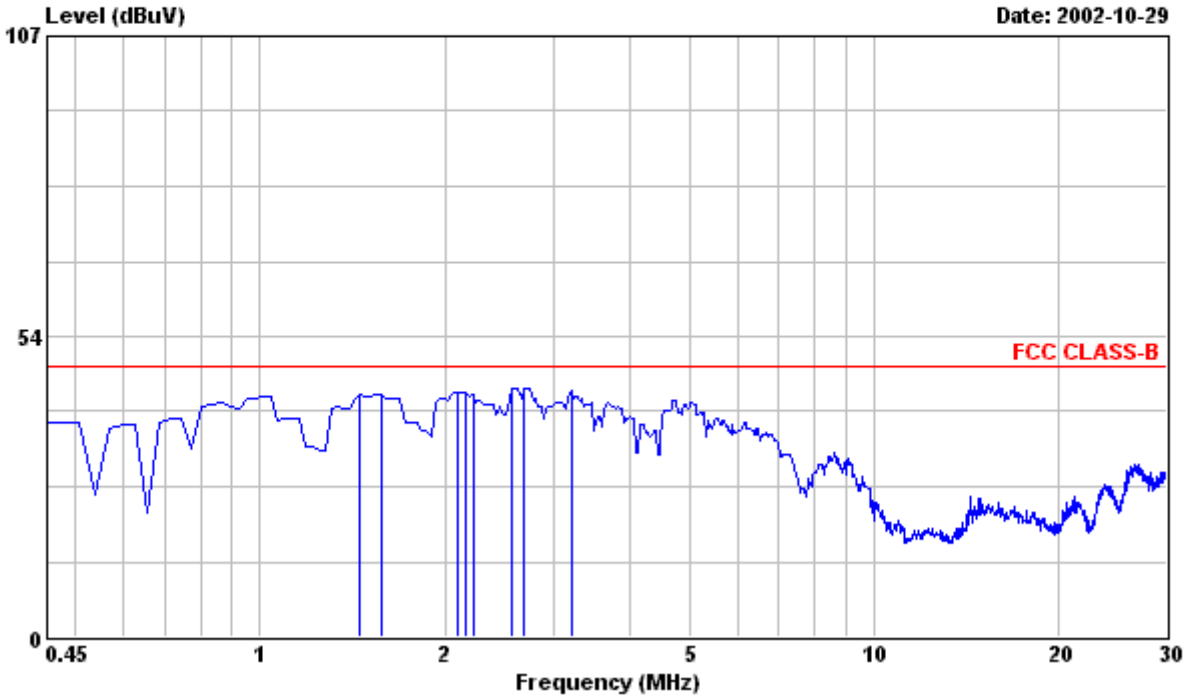

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 16 "H" PATTERN,D-SUB.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1280x768/75Hz 61KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP Reading	Limit LINE	Factor	Emission Lavel	Over Limit	Remark
1.455	42.70	---	48.00	0.40	43.10	-4.90	Peak
1.573	42.60	---	48.00	0.40	43.00	-5.00	Peak
2.105	43.20	---	48.00	0.40	43.60	-4.40	Peak
2.164	43.20	---	48.00	0.40	43.60	-4.40	Peak
2.223	42.70	---	48.00	0.40	43.10	-4.90	Peak
2.578	43.90	---	48.00	0.40	44.30	-3.70	Peak
2.696	43.90	---	48.00	0.40	44.30	-3.70	Peak
3.228	43.40	---	48.00	0.40	43.80	-4.20	Peak

Remarks: 1. All Readings are Peak & Quasi-Peak Values.
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C.C.Wu

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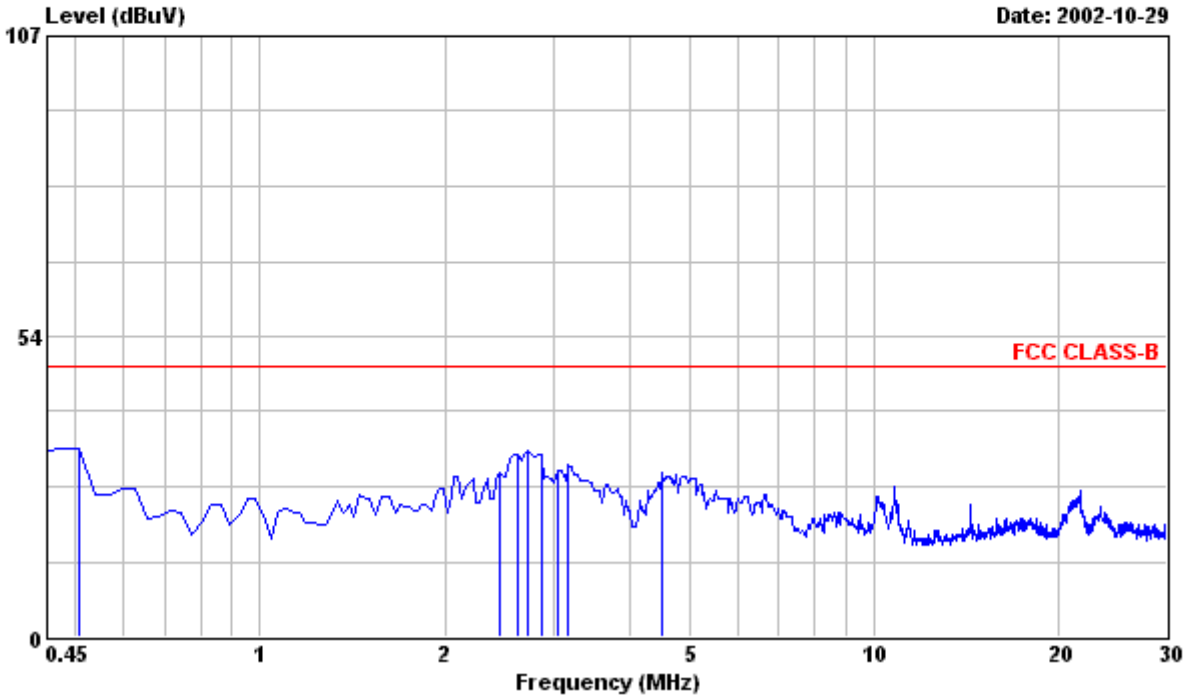

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 16 "H" PATTERN,D-SUB.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1280x768/75Hz 61KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit	Remark
0.509	33.40	---	48.00	0.23	33.63	-14.37	Peak
2.459	29.00	---	48.00	0.40	29.40	-18.60	Peak
2.637	32.10	---	48.00	0.40	32.50	-15.50	Peak
2.725	32.70	---	48.00	0.40	33.10	-14.90	Peak
2.873	32.00	---	48.00	0.40	32.40	-15.60	Peak
3.050	29.20	---	48.00	0.40	29.60	-18.40	Peak
3.169	30.30	---	48.00	0.40	30.70	-17.30	Peak
4.528	28.91	---	48.00	0.34	29.25	-18.75	Peak

Remarks: 1. All Readings are Peak & Quasi-Peak Values.
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C.C.Wu

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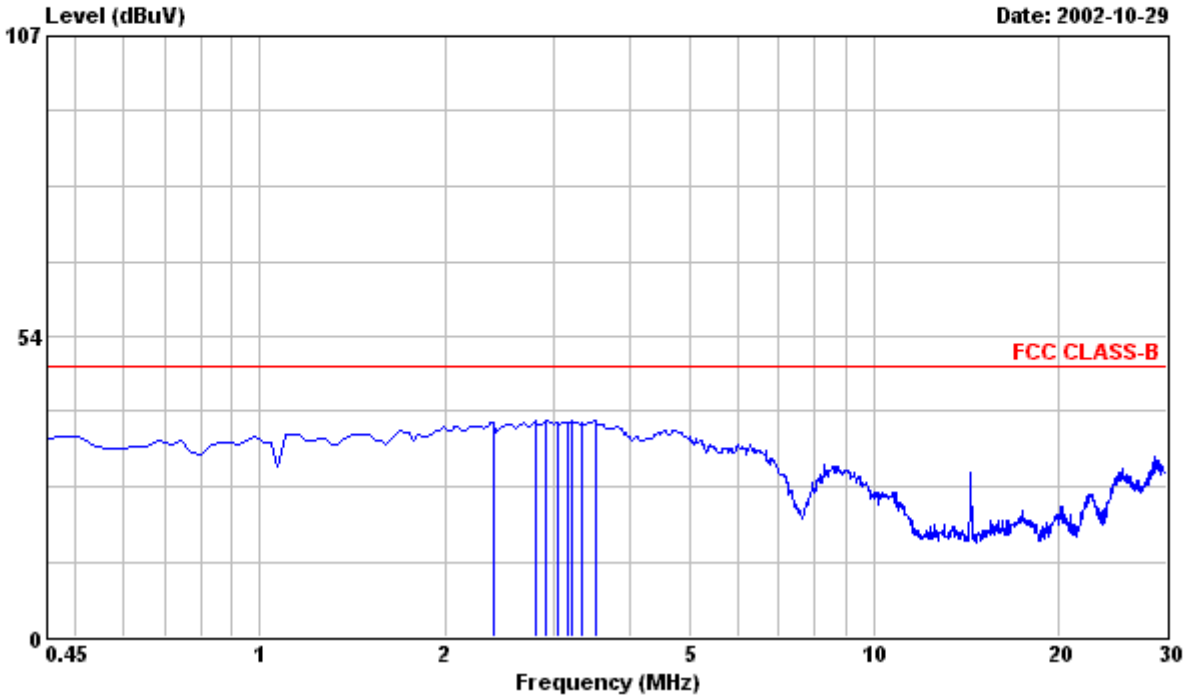

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 16 "H" PATTERN,DVI.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1280x768/75Hz 61KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP Reading	Limit LINE	Factor	Emission Lavel	Over Limit	Remark
2.400	37.70	---	48.00	0.40	38.10	-9.90	Peak
2.814	38.00	---	48.00	0.40	38.40	-9.60	Peak
2.932	38.10	---	48.00	0.40	38.50	-9.50	Peak
3.050	37.70	---	48.00	0.40	38.10	-9.90	Peak
3.169	37.80	---	48.00	0.40	38.20	-9.80	Peak
3.228	38.10	---	48.00	0.40	38.50	-9.50	Peak
3.346	37.70	---	48.00	0.40	38.10	-9.90	Peak
3.523	38.10	---	48.00	0.40	38.50	-9.50	Peak

Remarks: 1. All Readings are Peak & Quasi-Peak Values.
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C.C.Wu

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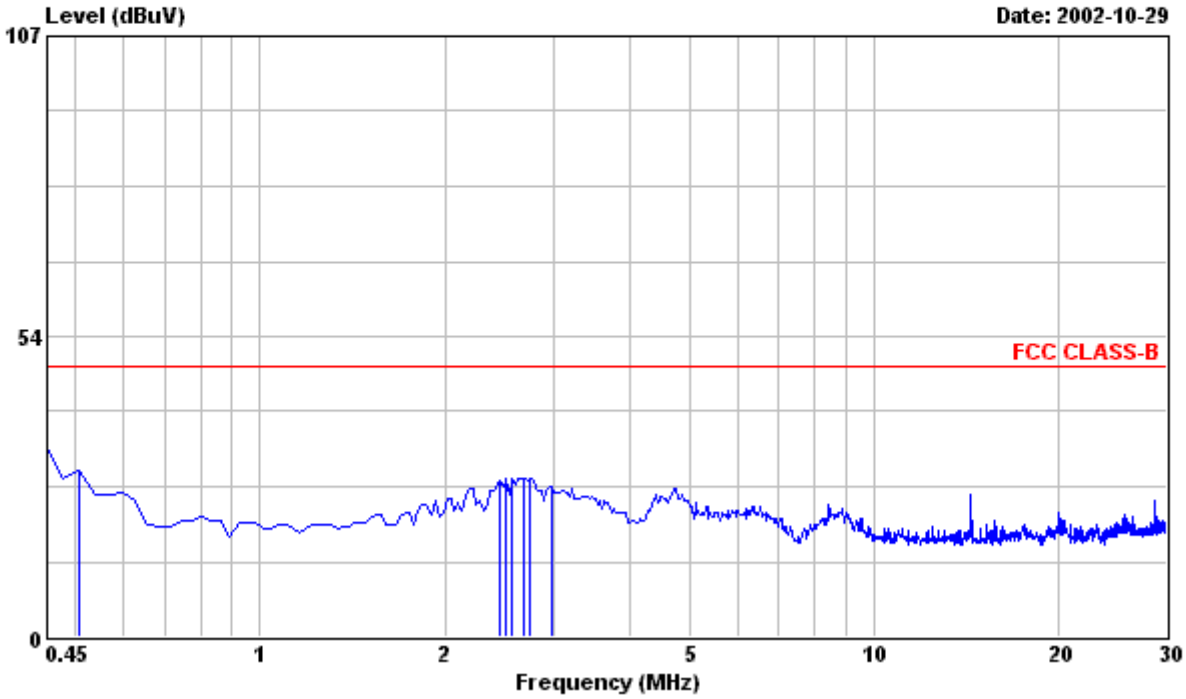

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 16 "H" PATTERN,DVI.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1280x768/75Hz 61KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit	Remark
0.450	33.60	---	48.00	0.20	33.80	-14.20	Peak
0.509	29.20	---	48.00	0.23	29.43	-18.57	Peak
2.459	27.40	---	48.00	0.40	27.80	-20.20	Peak
2.519	27.70	---	48.00	0.40	28.10	-19.90	Peak
2.578	27.90	---	48.00	0.40	28.30	-19.70	Peak
2.696	27.70	---	48.00	0.40	28.10	-19.90	Peak
2.755	27.80	---	48.00	0.40	28.20	-19.80	Peak
2.991	26.40	---	48.00	0.40	26.80	-21.20	Peak

Remarks: 1. All Readings are Peak & Quasi-Peak Values.
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C.C.Wu

PHILIPS
Philips Electronics Inductries (Taiwan)., Ltd.
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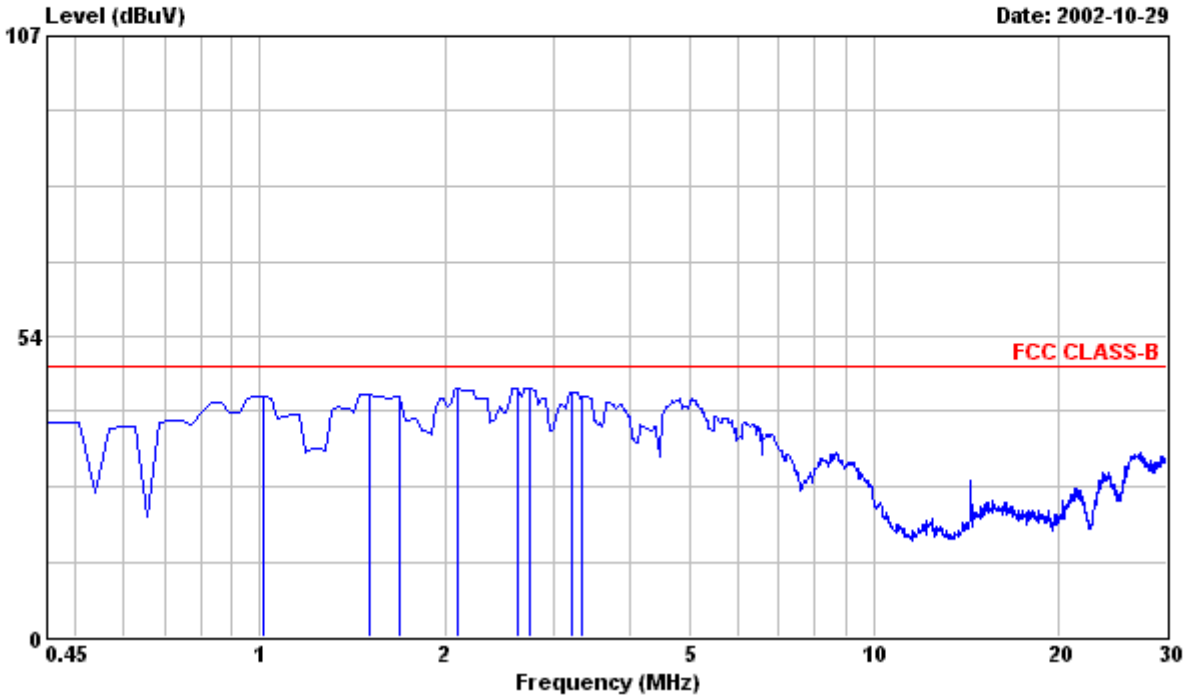
Data#: 7 File#: C:\Program Files\e3\-EMI02-060-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 16 "H" PATTERN,DVI.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1280x768/75Hz 61KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP Reading	Limit LINE	Factor	Emission Lavel	Over Limit	Remark
1.011	42.40	---	48.00	0.40	42.80	-5.20	Peak
1.514	42.80	---	48.00	0.40	43.20	-4.80	Peak
1.691	42.30	---	48.00	0.40	42.70	-5.30	Peak
2.105	43.90	---	48.00	0.40	44.30	-3.70	Peak
2.637	43.70	---	48.00	0.40	44.10	-3.90	Peak
2.755	44.00	---	48.00	0.40	44.40	-3.60	Peak
3.228	43.10	---	48.00	0.40	43.50	-4.50	Peak
3.346	42.50	---	48.00	0.40	42.90	-5.10	Peak

Remarks: 1. All Readings are Peak & Quasi-Peak Values.
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C.C.Wu

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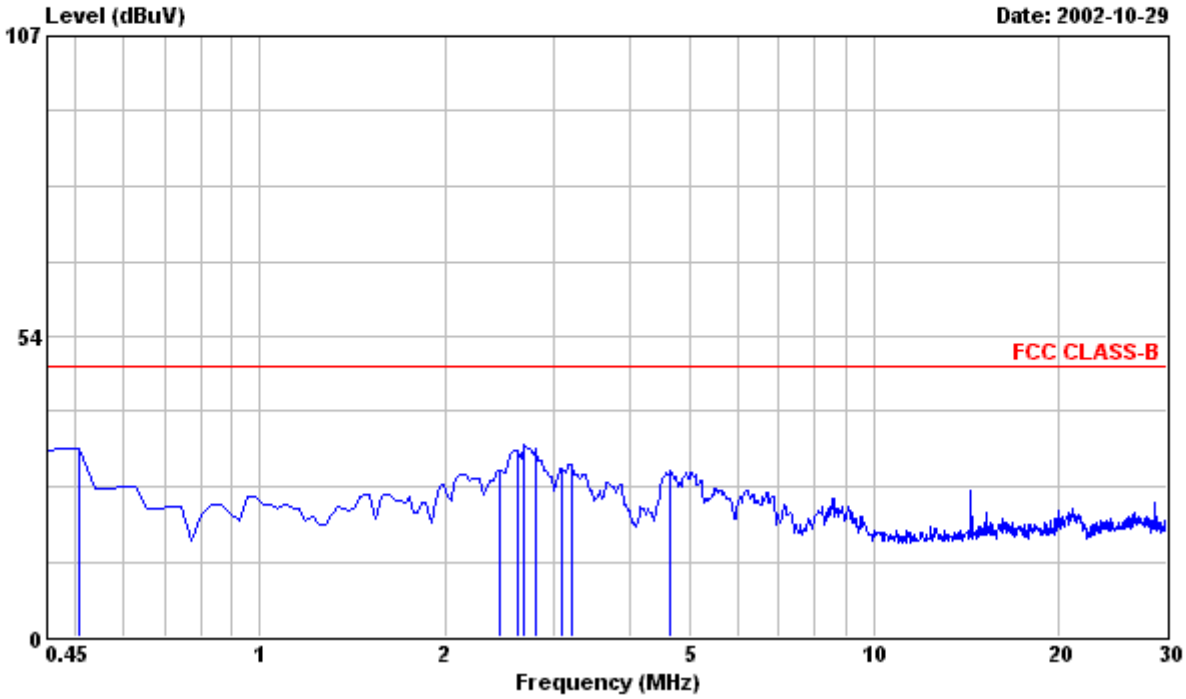
Data#: 8 File#: C:\Program Files\e3\-EMI02-060-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 16 "H" PATTERN,DVI.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1280x768/75Hz 61KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit	Remark
0.509	33.40	---	48.00	0.23	33.63	-14.37	Peak
2.459	29.30	---	48.00	0.40	29.70	-18.30	Peak
2.637	32.90	---	48.00	0.40	33.30	-14.70	Peak
2.696	33.70	---	48.00	0.40	34.10	-13.90	Peak
2.814	33.00	---	48.00	0.40	33.40	-14.60	Peak
3.110	29.50	---	48.00	0.40	29.90	-18.10	Peak
3.228	30.10	---	48.00	0.40	30.50	-17.50	Peak
4.646	29.20	---	48.00	0.33	29.53	-18.47	Peak

Remarks: 1. All Readings are Peak & Quasi-Peak Values.
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C.C.Wu

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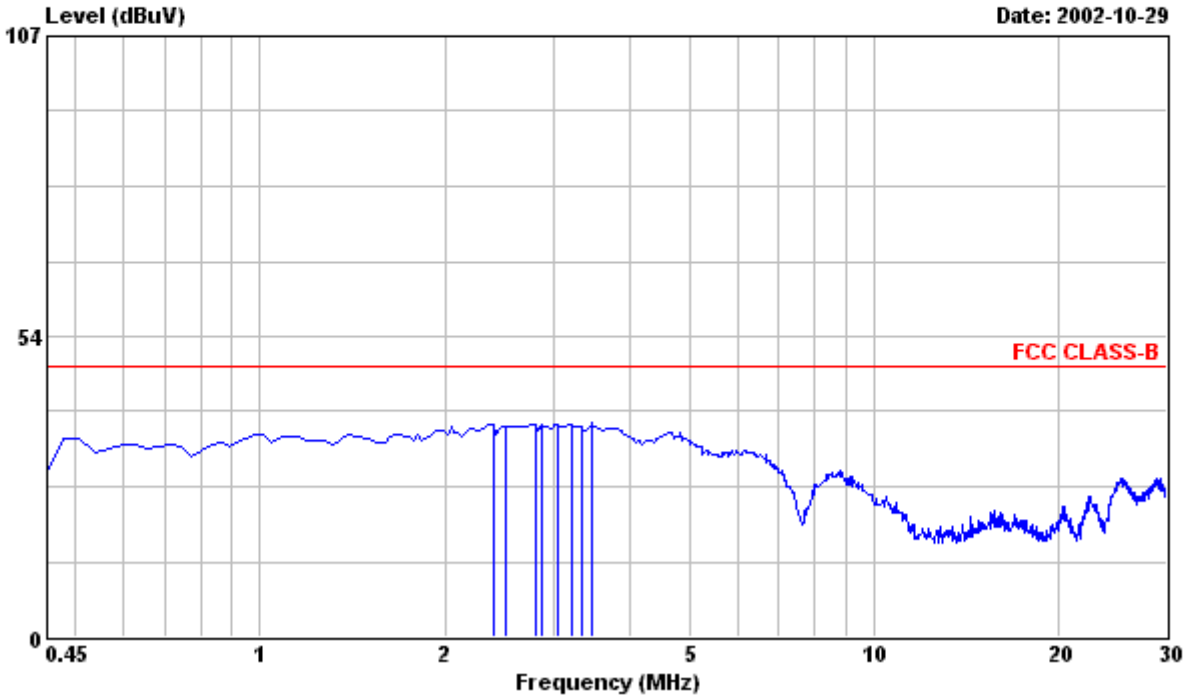
Data#: 9 File#: C:\Program Files\e3\-EMI02-060-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 14 "H" PATTERN,D-SUB.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1024x768/75Hz 60KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP Reading	Limit LINE	Factor	Emission Lavel	Over Limit	Remark
2.400	37.50	---	48.00	0.40	37.90	-10.10	Peak
2.519	37.20	---	48.00	0.40	37.60	-10.40	Peak
2.814	37.50	---	48.00	0.40	37.90	-10.10	Peak
2.873	37.50	---	48.00	0.40	37.90	-10.10	Peak
3.050	37.30	---	48.00	0.40	37.70	-10.30	Peak
3.228	37.40	---	48.00	0.40	37.80	-10.20	Peak
3.346	37.20	---	48.00	0.40	37.60	-10.40	Peak
3.464	37.60	---	48.00	0.40	38.00	-10.00	Peak

Remarks: 1. All Readings are Peak & Quasi-Peak Values.
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C.C.Wu

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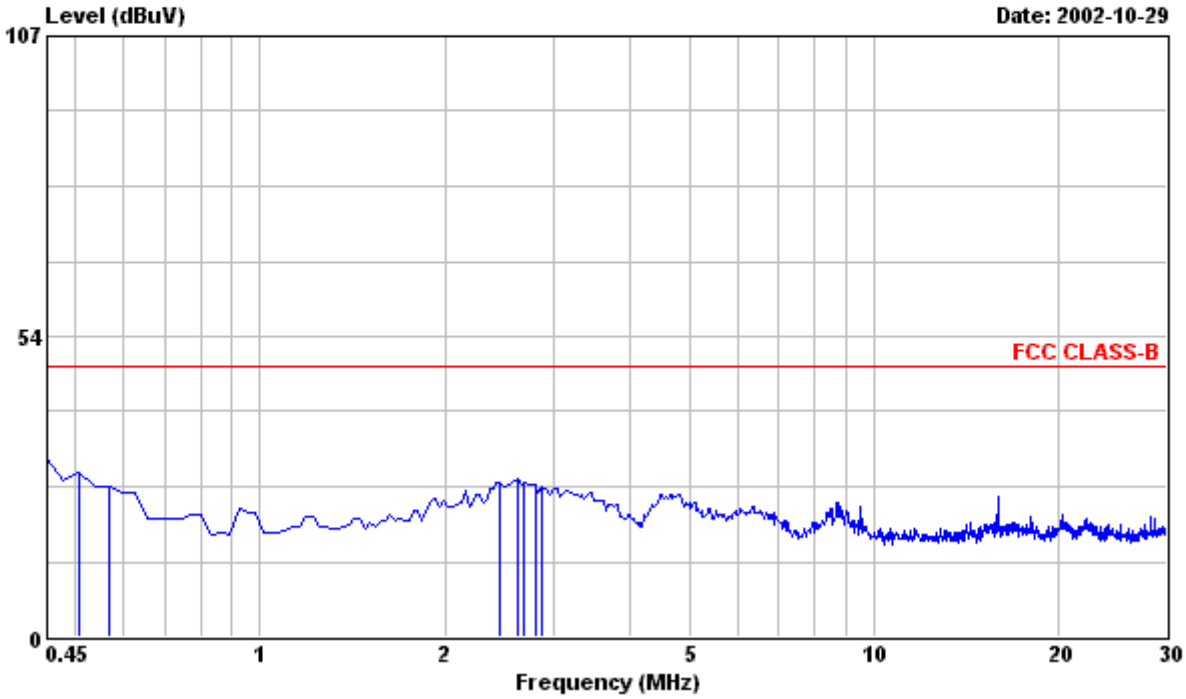
Data#: 10 File#: C:\Program Files\e3\-EMI02-060-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 14 "H" PATTERN,D-SUB.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1024x768/75Hz 60KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit	Remark
0.450	31.40	---	48.00	0.20	31.60	-16.40	Peak
0.509	29.00	---	48.00	0.23	29.23	-18.77	Peak
0.568	26.60	---	48.00	0.26	26.86	-21.14	Peak
2.459	27.00	---	48.00	0.40	27.40	-20.60	Peak
2.637	27.70	---	48.00	0.40	28.10	-19.90	Peak
2.696	26.90	---	48.00	0.40	27.30	-20.70	Peak
2.814	26.80	---	48.00	0.40	27.20	-20.80	Peak
2.873	26.20	---	48.00	0.40	26.60	-21.40	Peak

Remarks: 1. All Readings are Peak & Quasi-Peak Values.
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C.C.Wu

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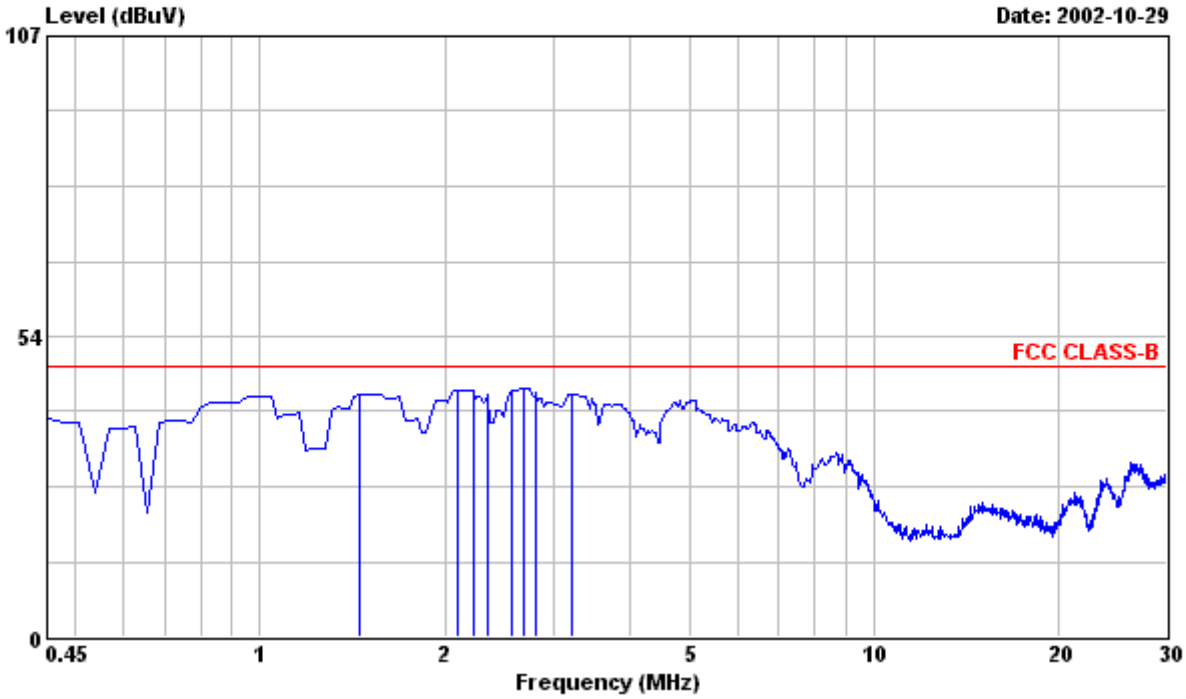

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 14 "H" PATTERN,D-SUB.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1024x768/75Hz 60KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP Reading	Limit LINE	Factor	Emission Lavel	Over Limit	Remark
1.455	42.90	---	48.00	0.40	43.30	-4.70	Peak
2.105	43.60	---	48.00	0.40	44.00	-4.00	Peak
2.223	43.50	---	48.00	0.40	43.90	-4.10	Peak
2.341	42.70	---	48.00	0.40	43.10	-4.90	Peak
2.578	43.60	---	48.00	0.40	44.00	-4.00	Peak
2.696	44.00	---	48.00	0.40	44.40	-3.60	Peak
2.814	43.00	---	48.00	0.40	43.40	-4.60	Peak
3.228	42.90	---	48.00	0.40	43.30	-4.70	Peak

Remarks: 1. All Readings are Peak & Quasi-Peak Values.
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C.C.Wu

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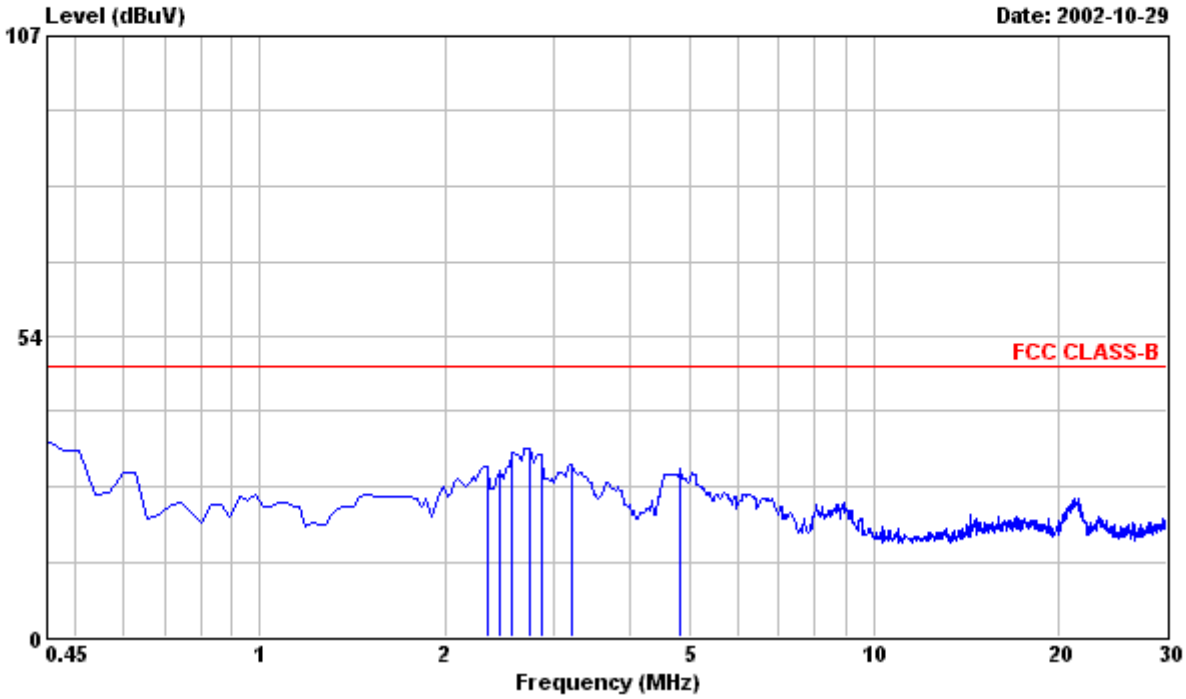
Data#: 12 File#: C:\Program Files\e3\-EMI02-060-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 14 "H" PATTERN,D-SUB.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1024x768/75Hz 60KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit	Remark
0.450	34.80	---	48.00	0.20	35.00	-13.00	Peak
2.341	29.90	---	48.00	0.40	30.30	-17.70	Peak
2.459	29.30	---	48.00	0.40	29.70	-18.30	Peak
2.578	32.50	---	48.00	0.40	32.90	-15.10	Peak
2.755	33.30	---	48.00	0.40	33.70	-14.30	Peak
2.873	32.00	---	48.00	0.40	32.40	-15.60	Peak
3.228	30.20	---	48.00	0.40	30.60	-17.40	Peak
4.823	29.50	---	48.00	0.32	29.82	-18.18	Peak

Remarks: 1. All Readings are Peak & Quasi-Peak Values.
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C.C.Wu

8. .Radiated Emission Test

Radiated Emissions

FCC Part 15

Operating conditions EUT:

EUT powered on with scrolling “H” pattern.

Limits:

Frequency range (MHz)	Class A at 10m (dBuv) QP	Class B at 3m (dBuv) QP
30.0 – 88.0	39.0	40.0
88.0 – 216.0	43.5	43.5
216.0 – 960.0	46.5	46.0
960.0 – 1000.0	49.5	54.0
Above 1000.0	49.5	54.0 Average

Test Result :

Passed FCC Class B Limits

Remark:

Date of Test	: 29 Oct., 2002 to 02 Nov., 2002
Test Engineer	: C.C.Wu

For detail measurement results see next pages.

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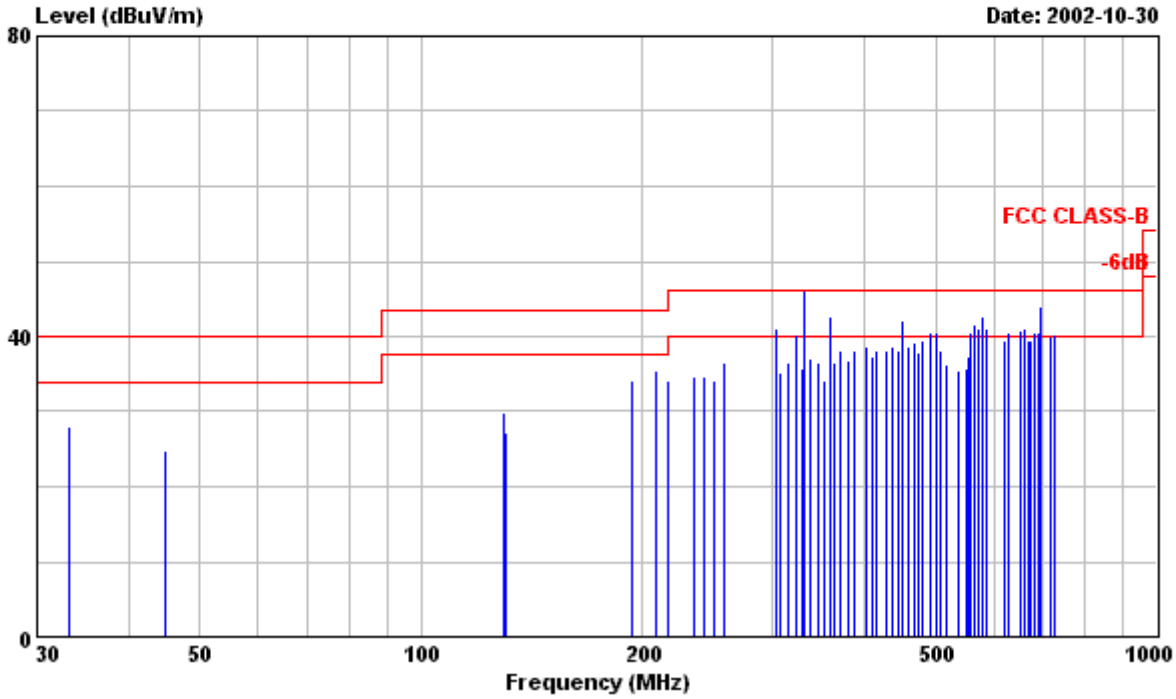
Data#: 1 File#: C:\Program Files\e3\EMI02-060-R.emi



Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR HORIZONTAL
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 16 "H" PATTERN,D-SUB.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1280x768/75Hz 61KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
					HORIZONTAL		
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
33.170	14.10	---	40.00	13.94	28.04	-11.96	Peak
44.870	13.40	---	40.00	11.52	24.92	-15.08	Peak
129.060	17.10	---	43.50	12.66	29.76	-13.74	Peak
130.250	14.50	---	43.50	12.71	27.21	-16.29	Peak
193.590	18.50	---	43.50	15.73	34.23	-9.27	Peak
208.760	18.30	---	43.50	17.09	35.39	-8.11	Peak
216.360	16.50	---	46.00	17.74	34.24	-11.76	Peak
235.340	15.40	---	46.00	19.32	34.72	-11.28	Peak
242.950	14.70	---	46.00	19.91	34.61	-11.39	Peak
250.530	14.00	---	46.00	20.50	34.50	-11.50	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

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	Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
						HORIZONTAL		
	MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
	258.110	15.50	---	46.00	20.97	36.47	-9.53	Peak
!	303.720	24.50	---	46.00	16.55	41.05	-4.95	Peak
	303.720	---	22.42	46.00	16.55	38.97	-7.03	QP
	307.420	18.60	---	46.00	16.64	35.24	-10.76	Peak
	315.020	19.80	---	46.00	16.80	36.60	-9.40	Peak
!	322.600	23.40	---	46.00	16.95	40.35	-5.65	Peak
	322.600	---	22.94	46.00	16.95	39.89	-6.11	QP
	330.180	18.50	---	46.00	17.11	35.61	-10.39	Peak
X	331.780	29.10	---	46.00	17.13	46.23	0.23	Peak
!	331.780	---	26.81	46.00	17.13	43.94	-2.06	QP
	337.780	19.80	---	46.00	17.25	37.05	-8.95	Peak
	345.390	19.10	---	46.00	17.41	36.51	-9.49	Peak
	352.980	16.60	---	46.00	17.56	34.16	-11.84	Peak
!	360.090	24.90	---	46.00	17.70	42.60	-3.40	Peak
!	360.090	---	23.51	46.00	17.70	41.21	-4.79	QP
	364.350	18.90	---	46.00	17.77	36.67	-9.33	Peak
	371.950	20.20	---	46.00	17.91	38.11	-7.89	Peak
	379.550	18.70	---	46.00	18.05	36.75	-9.25	Peak
	387.120	20.10	---	46.00	18.17	38.27	-7.73	Peak
	402.300	20.30	---	46.00	18.42	38.72	-7.28	Peak
	409.910	18.80	---	46.00	18.54	37.34	-8.66	Peak
	416.470	19.60	---	46.00	18.63	38.23	-7.77	Peak
	428.870	19.20	---	46.00	18.81	38.01	-7.99	Peak
	436.470	19.80	---	46.00	18.92	38.72	-7.28	Peak
	444.060	19.10	---	46.00	19.00	38.10	-7.90	Peak
!	451.640	23.00	---	46.00	19.10	42.10	-3.90	Peak
!	451.640	---	21.88	46.00	19.10	40.98	-5.02	QP
	459.230	19.40	---	46.00	19.20	38.60	-7.40	Peak
	466.820	19.90	---	46.00	19.31	39.21	-6.79	Peak
	474.420	18.60	---	46.00	19.39	37.99	-8.01	Peak
	480.120	20.10	---	46.00	19.47	39.57	-6.43	Peak
!	493.380	20.80	---	46.00	19.64	40.44	-5.56	Peak
	493.380	---	19.97	46.00	19.64	39.61	-6.39	QP
!	500.980	20.90	---	46.00	19.73	40.63	-5.37	Peak
	500.980	---	19.60	46.00	19.73	39.33	-6.67	QP
	508.580	18.20	---	46.00	19.84	38.04	-7.96	Peak
	516.160	16.30	---	46.00	19.96	36.26	-9.74	Peak
	538.940	15.00	---	46.00	20.33	35.33	-10.67	Peak
	550.320	15.10	---	46.00	20.51	35.61	-10.39	Peak
	554.100	16.70	---	46.00	20.57	37.27	-8.73	Peak
!	557.900	19.80	---	46.00	20.62	40.42	-5.58	Peak
	557.900	---	18.29	46.00	20.62	38.91	-7.09	QP
!	565.500	21.00	---	46.00	20.71	41.71	-4.29	Peak
	565.500	---	19.17	46.00	20.71	39.88	-6.12	QP
!	573.100	20.20	---	46.00	20.83	41.03	-4.97	Peak
	573.100	---	18.25	46.00	20.83	39.08	-6.92	QP

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

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	Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
						HORIZONTAL		
	MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
!	580.680	22.10	---	46.00	20.94	43.04	-2.96	Peak
!	580.680	---	21.01	46.00	20.94	41.95	-4.05	QP
!	588.260	19.90	---	46.00	21.06	40.96	-5.04	Peak
	588.260	---	17.36	46.00	21.06	38.42	-7.58	QP
	622.420	17.70	---	46.00	21.78	39.48	-6.52	Peak
!	630.020	18.70	---	46.00	21.93	40.63	-5.37	Peak
	630.020	---	15.87	46.00	21.93	37.80	-8.20	QP
!	652.780	18.40	---	46.00	22.45	40.85	-5.15	Peak
	652.780	---	15.73	46.00	22.45	38.18	-7.82	QP
!	660.390	18.50	---	46.00	22.66	41.16	-4.84	Peak
	660.390	---	15.96	46.00	22.66	38.62	-7.38	QP
	667.970	16.70	---	46.00	22.82	39.52	-6.48	Peak
	675.560	16.50	---	46.00	22.98	39.48	-6.52	Peak
!	683.140	17.40	---	46.00	23.13	40.53	-5.47	Peak
	683.140	---	14.62	46.00	23.13	37.75	-8.25	QP
!	690.740	17.30	---	46.00	23.29	40.59	-5.41	Peak
	690.740	---	14.35	46.00	23.29	37.64	-8.36	QP
!	694.550	20.70	---	46.00	23.40	44.10	-1.90	Peak
!	694.550	---	17.94	46.00	23.40	41.34	-4.66	QP
	717.300	16.20	---	46.00	23.74	39.94	-6.06	Peak
!	724.900	16.30	---	46.00	23.84	40.14	-5.86	Peak
	724.900	---	13.63	46.00	23.84	37.47	-8.53	QP

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

Tested by : C C.Wu

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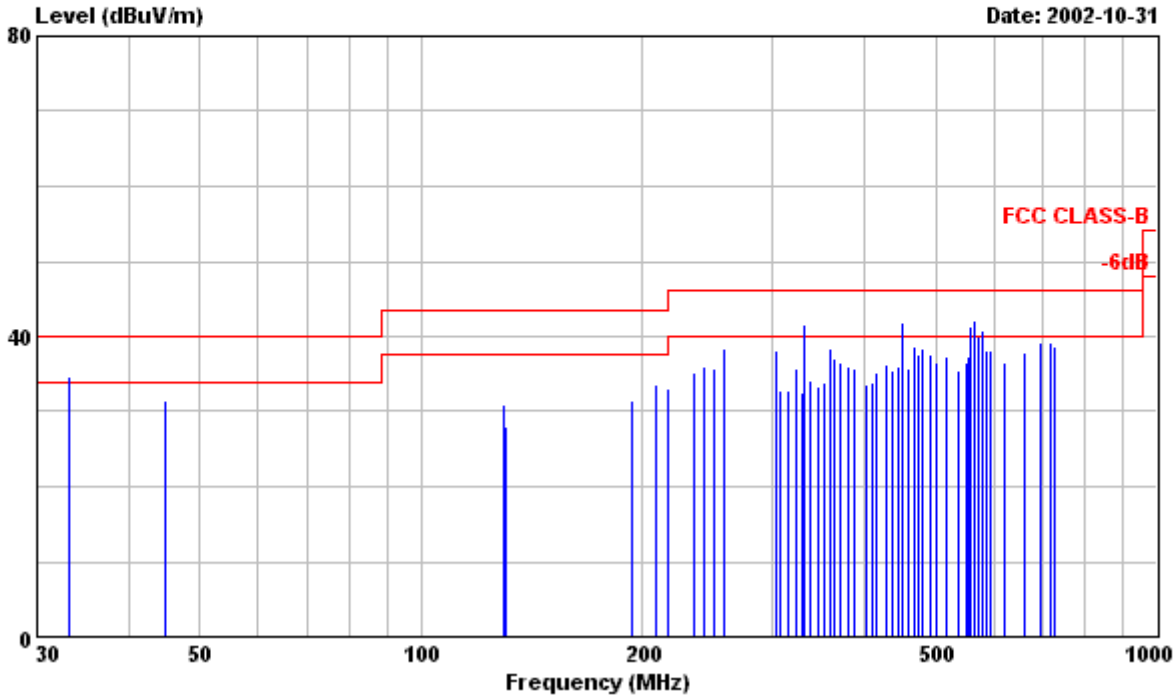

Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR VERTICAL
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 16 "H" PATTERN,D-SUB.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1280x768/75Hz 61KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

	Frequency MHz	Peak Reading dBuV	QP reading dBuV	Limit dBuV/m	Factor dB/m	Emission Lavel VERTICAL dBuV/m	Over Limit dBuV/m	Remark
!	33.170	20.60	---	40.00	13.94	34.54	-5.46	Peak
	33.170	---	18.56	40.00	13.94	32.50	-7.50	QP
	44.870	20.00	---	40.00	11.52	31.52	-8.48	Peak
	129.060	18.40	---	43.50	12.66	31.06	-12.44	Peak
	130.250	15.20	---	43.50	12.71	27.91	-15.59	Peak
	193.590	15.80	---	43.50	15.73	31.53	-11.97	Peak
	208.760	16.40	---	43.50	17.09	33.49	-10.01	Peak
	216.360	15.30	---	46.00	17.74	33.04	-12.96	Peak
	235.340	15.90	---	46.00	19.32	35.22	-10.78	Peak
	242.950	16.00	---	46.00	19.91	35.91	-10.09	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

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	Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
						VERTICAL		
	MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
	250.530	15.30	---	46.00	20.50	35.80	-10.20	Peak
	258.110	17.50	---	46.00	20.97	38.47	-7.53	Peak
	303.720	21.50	---	46.00	16.55	38.05	-7.95	Peak
	307.420	16.10	---	46.00	16.64	32.74	-13.26	Peak
	315.020	15.90	---	46.00	16.80	32.70	-13.30	Peak
	322.600	18.80	---	46.00	16.95	35.75	-10.25	Peak
	330.180	15.40	---	46.00	17.11	32.51	-13.49	Peak
	331.780	---	22.79	46.00	17.13	39.92	-6.08	QP
!	331.780	24.50	---	46.00	17.13	41.63	-4.37	Peak
	337.780	17.00	---	46.00	17.25	34.25	-11.75	Peak
	345.390	15.90	---	46.00	17.41	33.31	-12.69	Peak
	352.980	16.30	---	46.00	17.56	33.86	-12.14	Peak
	360.090	20.60	---	46.00	17.70	38.30	-7.70	Peak
	364.350	19.30	---	46.00	17.77	37.07	-8.93	Peak
	371.950	18.70	---	46.00	17.91	36.61	-9.39	Peak
	379.550	18.00	---	46.00	18.05	36.05	-9.95	Peak
	387.120	17.70	---	46.00	18.17	35.87	-10.13	Peak
	402.300	15.10	---	46.00	18.42	33.52	-12.48	Peak
	409.910	15.30	---	46.00	18.54	33.84	-12.16	Peak
	416.470	16.60	---	46.00	18.63	35.23	-10.77	Peak
	428.870	17.40	---	46.00	18.81	36.21	-9.79	Peak
	436.470	16.60	---	46.00	18.92	35.52	-10.48	Peak
	444.060	17.10	---	46.00	19.00	36.10	-9.90	Peak
!	451.640	---	21.86	46.00	19.10	40.96	-5.04	QP
!	451.640	22.70	---	46.00	19.10	41.80	-4.20	Peak
	459.230	16.50	---	46.00	19.20	35.70	-10.30	Peak
	466.820	19.30	---	46.00	19.31	38.61	-7.39	Peak
	474.420	18.20	---	46.00	19.39	37.59	-8.41	Peak
	480.120	19.00	---	46.00	19.47	38.47	-7.53	Peak
	493.380	17.90	---	46.00	19.64	37.54	-8.46	Peak
	500.980	16.90	---	46.00	19.73	36.63	-9.37	Peak
	516.160	17.30	---	46.00	19.96	37.26	-8.74	Peak
	538.940	15.20	---	46.00	20.33	35.53	-10.47	Peak
	550.320	16.00	---	46.00	20.51	36.51	-9.49	Peak
	554.100	16.70	---	46.00	20.57	37.27	-8.73	Peak
!	557.900	20.60	---	46.00	20.62	41.22	-4.78	Peak
	557.900	---	18.86	46.00	20.62	39.48	-6.52	QP
!	565.500	21.50	---	46.00	20.71	42.21	-3.79	Peak
!	565.500	---	19.92	46.00	20.71	40.63	-5.37	QP
!	573.100	19.20	---	46.00	20.83	40.03	-5.97	Peak
	573.100	---	17.38	46.00	20.83	38.21	-7.79	QP
!	580.680	19.90	---	46.00	20.94	40.84	-5.16	Peak
	580.680	---	18.21	46.00	20.94	39.15	-6.85	QP
	588.260	17.20	---	46.00	21.06	38.26	-7.74	Peak
	595.860	17.00	---	46.00	21.14	38.14	-7.86	Peak
	622.420	14.80	---	46.00	21.78	36.58	-9.42	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

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Frequency MHz	Peak Reading dBuV	QP reading dBuV	Limit dBuV/m	Factor dB/m	Emission Lavel VERTICAL dBuV/m	Over Limit dBuV/m	Remark
660.390	15.20	---	46.00	22.66	37.86	-8.14	Peak
694.550	15.80	---	46.00	23.40	39.20	-6.80	Peak
717.300	15.40	---	46.00	23.74	39.14	-6.86	Peak
724.900	14.90	---	46.00	23.84	38.74	-7.26	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

Tested by : C C.Wu

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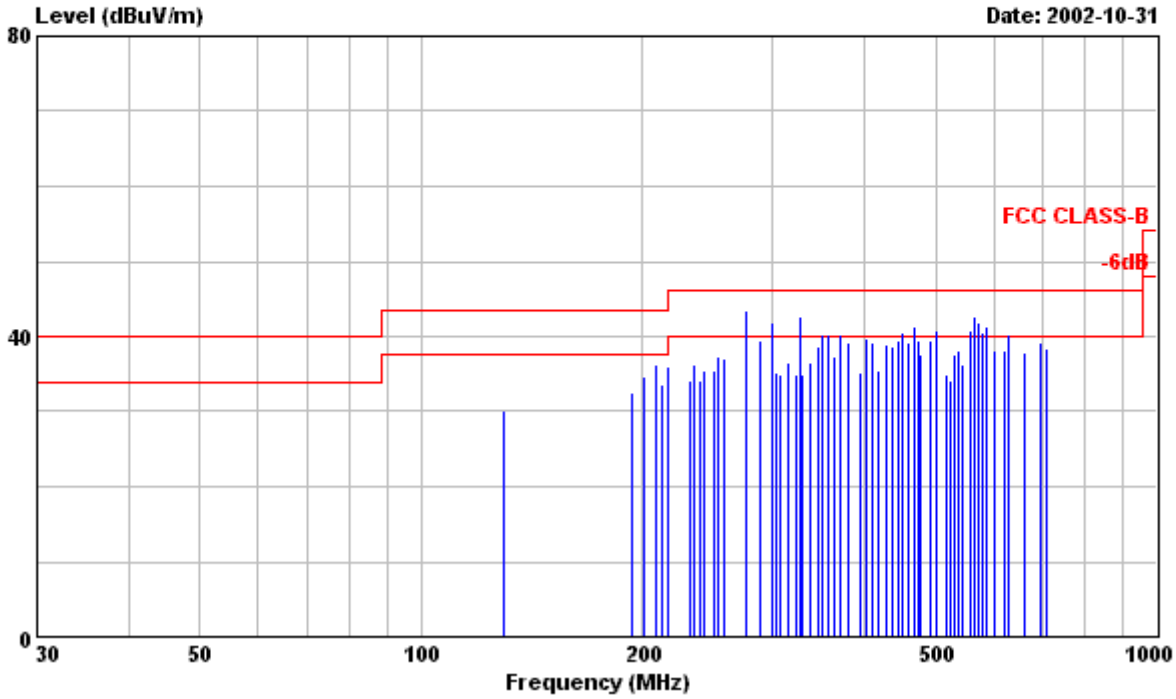

Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR HORIZONTAL
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 16 "H" PATTERN,DVI.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1280x768/75Hz 61KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
					HORIZONTAL		
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
129.060	17.50	---	43.50	12.66	30.16	-13.34	Peak
193.580	16.90	---	43.50	15.73	32.63	-10.87	Peak
201.170	18.20	---	43.50	16.43	34.63	-8.87	Peak
208.770	19.10	---	43.50	17.09	36.19	-7.31	Peak
212.580	16.20	---	43.50	17.42	33.62	-9.88	Peak
216.370	18.30	---	46.00	17.74	36.04	-9.96	Peak
231.530	15.20	---	46.00	19.06	34.26	-11.74	Peak
235.330	16.90	---	46.00	19.32	36.22	-9.78	Peak
239.120	14.70	---	46.00	19.65	34.35	-11.65	Peak
242.930	15.60	---	46.00	19.91	35.51	-10.49	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

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	Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
						HORIZONTAL		
	MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
	250.530	15.00	---	46.00	20.50	35.50	-10.50	Peak
	252.710	16.70	---	46.00	20.66	37.36	-8.64	Peak
	258.120	16.10	---	46.00	20.97	37.07	-8.93	Peak
!	276.140	---	19.62	46.00	21.95	41.57	-4.43	QP
!	276.140	21.40	---	46.00	21.95	43.35	-2.65	Peak
	287.980	17.00	---	46.00	22.58	39.58	-6.42	Peak
!	299.700	18.80	---	46.00	23.15	41.95	-4.05	Peak
	299.700	---	16.61	46.00	23.15	39.76	-6.24	QP
	303.750	18.70	---	46.00	16.55	35.25	-10.75	Peak
	307.420	18.20	---	46.00	16.64	34.84	-11.16	Peak
	315.020	19.70	---	46.00	16.80	36.50	-9.50	Peak
	322.600	17.90	---	46.00	16.95	34.85	-11.15	Peak
!	327.600	---	23.13	46.00	17.06	40.19	-5.81	QP
!	327.600	25.70	---	46.00	17.06	42.76	-3.24	Peak
	330.180	17.70	---	46.00	17.11	34.81	-11.19	Peak
	337.780	19.20	---	46.00	17.25	36.45	-9.55	Peak
	345.390	21.20	---	46.00	17.41	38.61	-7.39	Peak
	351.390	---	20.54	46.00	17.53	38.07	-7.93	QP
!	351.390	22.70	---	46.00	17.53	40.23	-5.77	Peak
	357.320	---	20.20	46.00	17.65	37.85	-8.15	QP
!	357.320	22.60	---	46.00	17.65	40.25	-5.75	Peak
	364.350	19.60	---	46.00	17.77	37.37	-8.63	Peak
	371.940	---	21.32	46.00	17.91	39.23	-6.77	QP
!	371.940	22.30	---	46.00	17.91	40.21	-5.79	Peak
	379.540	21.10	---	46.00	18.05	39.15	-6.85	Peak
	394.720	16.80	---	46.00	18.31	35.11	-10.89	Peak
	402.300	21.20	---	46.00	18.42	39.62	-6.38	Peak
	409.900	20.60	---	46.00	18.54	39.14	-6.86	Peak
	417.480	16.90	---	46.00	18.65	35.55	-10.45	Peak
	428.870	20.10	---	46.00	18.81	38.91	-7.09	Peak
	436.470	19.80	---	46.00	18.92	38.72	-7.28	Peak
	444.060	20.40	---	46.00	19.00	39.40	-6.60	Peak
!	451.640	21.40	---	46.00	19.10	40.50	-5.50	Peak
	451.640	---	20.23	46.00	19.10	39.33	-6.67	QP
	459.230	20.00	---	46.00	19.20	39.20	-6.80	Peak
	466.820	---	20.66	46.00	19.31	39.97	-6.03	QP
!	466.820	22.10	---	46.00	19.31	41.41	-4.59	Peak
	474.420	20.10	---	46.00	19.39	39.49	-6.51	Peak
	478.210	18.10	---	46.00	19.45	37.55	-8.45	Peak
	493.380	19.80	---	46.00	19.64	39.44	-6.56	Peak
	500.980	---	19.86	46.00	19.73	39.59	-6.41	QP
!	500.980	21.20	---	46.00	19.73	40.93	-5.07	Peak
	516.160	15.00	---	46.00	19.96	34.96	-11.04	Peak
	523.730	14.30	---	46.00	20.10	34.40	-11.60	Peak
	531.350	17.40	---	46.00	20.22	37.62	-8.38	Peak
	538.940	17.70	---	46.00	20.33	38.03	-7.97	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

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	Frequency MHz	Peak Reading dBuV	QP reading dBuV	Limit dBuV/m	Factor dB/m	Emission Lavel HORIZONTAL dBuV/m	Over Limit dBuV/m	Remark
	542.740	16.00	---	46.00	20.39	36.39	-9.61	Peak
	557.890	---	18.33	46.00	20.62	38.95	-7.05	QP
!	557.890	20.10	---	46.00	20.62	40.72	-5.28	Peak
!	565.500	---	20.66	46.00	20.71	41.37	-4.63	QP
!	565.500	22.00	---	46.00	20.71	42.71	-3.29	Peak
!	573.100	21.00	---	46.00	20.83	41.83	-4.17	Peak
	573.100	---	18.65	46.00	20.83	39.48	-6.52	QP
!	580.670	19.60	---	46.00	20.94	40.54	-5.46	Peak
	580.670	---	17.85	46.00	20.94	38.79	-7.21	QP
!	588.270	20.40	---	46.00	21.06	41.46	-4.54	Peak
	588.270	---	18.48	46.00	21.06	39.54	-6.46	QP
	603.450	16.80	---	46.00	21.30	38.10	-7.90	Peak
	622.420	16.40	---	46.00	21.78	38.18	-7.82	Peak
!	630.020	18.40	---	46.00	21.93	40.33	-5.67	Peak
	630.020	---	15.69	46.00	21.93	37.62	-8.38	QP
	660.380	15.30	---	46.00	22.66	37.96	-8.04	Peak
	694.540	15.70	---	46.00	23.40	39.10	-6.90	Peak
	709.720	14.80	---	46.00	23.64	38.44	-7.56	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

Tested by : C C.Wu

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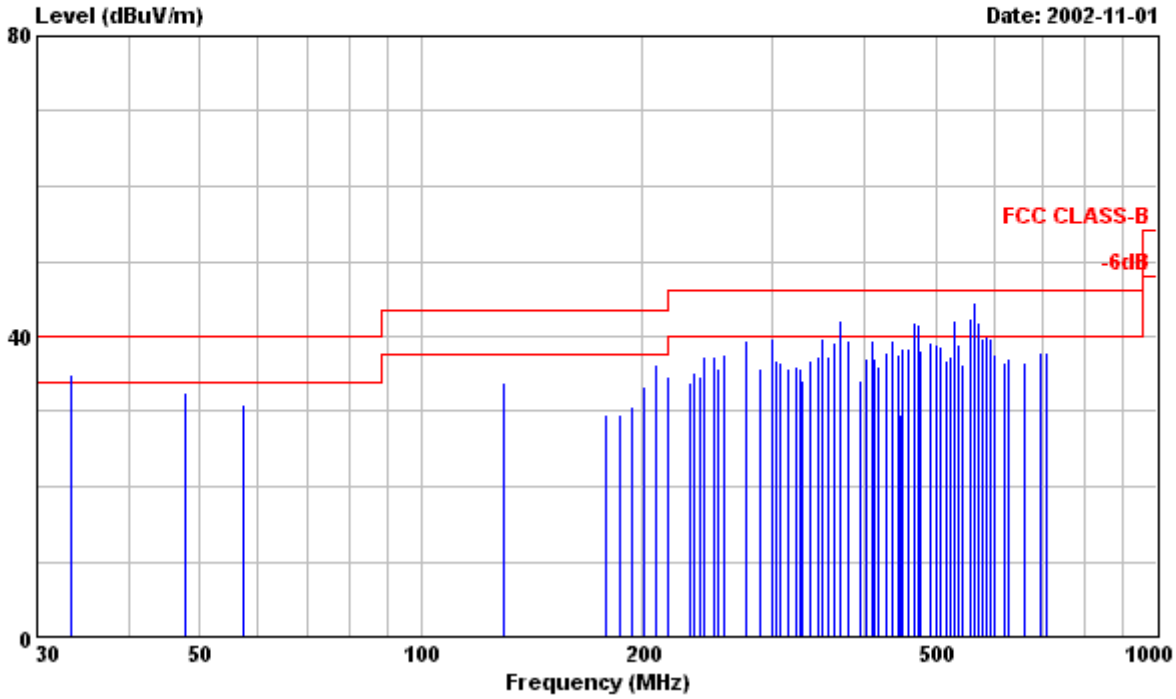

Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR VERTICAL
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 16 "H" PATTERN,DVI.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1280x768/75Hz 61KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

	Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel VERTICAL	Over Limit	Remark
	MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
	33.350	---	19.13	40.00	13.91	33.04	-6.96	QP
!	33.350	20.90	---	40.00	13.91	34.81	-5.19	Peak
	47.816	21.40	---	40.00	11.10	32.50	-7.50	Peak
	57.140	20.80	---	40.00	10.14	30.94	-9.06	Peak
	129.060	21.20	---	43.50	12.66	33.86	-9.64	Peak
	178.400	15.30	---	43.50	14.29	29.59	-13.91	Peak
	186.000	14.70	---	43.50	14.97	29.67	-13.83	Peak
	193.580	15.00	---	43.50	15.73	30.73	-12.77	Peak
	201.170	16.90	---	43.50	16.43	33.33	-10.17	Peak
	208.770	19.10	---	43.50	17.09	36.19	-7.31	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
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	Frequency MHz	Peak Reading dBuV	QP reading dBuV	Limit dBuV/m	Factor dB/m	Emission Lavel VERTICAL dBuV/m	Over Limit dBuV/m	Remark
	216.370	16.80	---	46.00	17.74	34.54	-11.46	Peak
	231.530	14.90	---	46.00	19.06	33.96	-12.04	Peak
	235.330	16.00	---	46.00	19.32	35.32	-10.68	Peak
	239.120	15.10	---	46.00	19.65	34.75	-11.25	Peak
	242.930	17.40	---	46.00	19.91	37.31	-8.69	Peak
	250.530	16.80	---	46.00	20.50	37.30	-8.70	Peak
	252.710	15.20	---	46.00	20.66	35.86	-10.14	Peak
	258.120	16.60	---	46.00	20.97	37.57	-8.43	Peak
	276.140	17.40	---	46.00	21.95	39.35	-6.65	Peak
	287.980	13.20	---	46.00	22.58	35.78	-10.22	Peak
	299.700	16.60	---	46.00	23.15	39.75	-6.25	Peak
	303.750	20.20	---	46.00	16.55	36.75	-9.25	Peak
	307.420	19.90	---	46.00	16.64	36.54	-9.46	Peak
	315.020	18.80	---	46.00	16.80	35.60	-10.40	Peak
	322.600	19.10	---	46.00	16.95	36.05	-9.95	Peak
	327.600	18.80	---	46.00	17.06	35.86	-10.14	Peak
	330.180	17.40	---	46.00	17.11	34.51	-11.49	Peak
	337.780	19.60	---	46.00	17.25	36.85	-9.15	Peak
	345.390	19.80	---	46.00	17.41	37.21	-8.79	Peak
	351.390	22.10	---	46.00	17.53	39.63	-6.37	Peak
	357.320	19.70	---	46.00	17.65	37.35	-8.65	Peak
	364.350	21.40	---	46.00	17.77	39.17	-6.83	Peak
!	371.940	---	23.69	46.00	17.91	41.60	-4.40	QP
!	371.940	24.30	---	46.00	17.91	42.21	-3.79	Peak
	379.540	21.40	---	46.00	18.05	39.45	-6.55	Peak
	394.720	15.90	---	46.00	18.31	34.21	-11.79	Peak
	402.300	18.70	---	46.00	18.42	37.12	-8.88	Peak
	409.900	20.80	---	46.00	18.54	39.34	-6.66	Peak
	413.700	18.50	---	46.00	18.59	37.09	-8.91	Peak
	417.480	17.40	---	46.00	18.65	36.05	-9.95	Peak
	428.870	19.10	---	46.00	18.81	37.91	-8.09	Peak
	436.470	20.50	---	46.00	18.92	39.42	-6.58	Peak
	444.060	18.70	---	46.00	19.00	37.70	-8.30	Peak
	446.820	---	10.64	46.00	19.04	29.68	-16.32	QP
	451.640	19.40	---	46.00	19.10	38.50	-7.50	Peak
	459.230	19.20	---	46.00	19.20	38.40	-7.60	Peak
!	466.820	22.60	---	46.00	19.31	41.91	-4.09	Peak
!	474.420	---	20.89	46.00	19.39	40.28	-5.72	QP
!	474.420	22.10	---	46.00	19.39	41.49	-4.51	Peak
	478.210	18.70	---	46.00	19.45	38.15	-7.85	Peak
	493.380	19.60	---	46.00	19.64	39.24	-6.76	Peak
	500.980	19.30	---	46.00	19.73	39.03	-6.97	Peak
	508.580	18.70	---	46.00	19.84	38.54	-7.46	Peak
	516.160	16.80	---	46.00	19.96	36.76	-9.24	Peak
	523.740	17.30	---	46.00	20.10	37.40	-8.60	Peak
!	531.350	22.00	---	46.00	20.22	42.22	-3.78	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

PHILIPS

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	Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
						VERTICAL		
	MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
!	531.350	---	20.24	46.00	20.22	40.46	-5.54	QP
	538.940	18.60	---	46.00	20.33	38.93	-7.07	Peak
	542.740	16.00	---	46.00	20.39	36.39	-9.61	Peak
!	557.890	21.90	---	46.00	20.62	42.52	-3.48	Peak
!	557.890	---	20.25	46.00	20.62	40.87	-5.13	QP
!	565.500	23.90	---	46.00	20.71	44.61	-1.39	Peak
!	565.500	---	22.27	46.00	20.71	42.98	-3.02	QP
!	573.100	21.00	---	46.00	20.83	41.83	-4.17	Peak
	573.100	---	18.91	46.00	20.83	39.74	-6.26	QP
	580.670	18.70	---	46.00	20.94	39.64	-6.36	Peak
	588.270	18.90	---	46.00	21.06	39.96	-6.04	Peak
	595.850	18.70	---	46.00	21.14	39.84	-6.16	Peak
	603.450	16.20	---	46.00	21.30	37.50	-8.50	Peak
	622.420	14.80	---	46.00	21.78	36.58	-9.42	Peak
	630.020	15.10	---	46.00	21.93	37.03	-8.97	Peak
	660.380	13.90	---	46.00	22.66	36.56	-9.44	Peak
	694.540	14.50	---	46.00	23.40	37.90	-8.10	Peak
	709.720	14.10	---	46.00	23.64	37.74	-8.26	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

Tested by : C C.Wu

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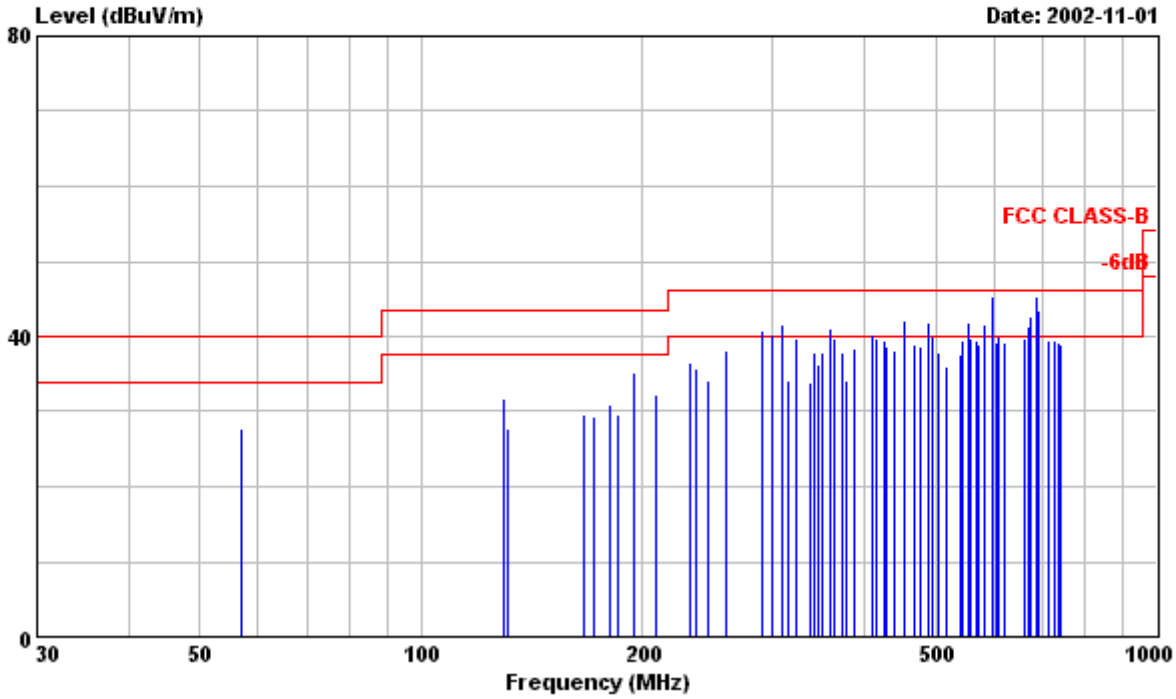

Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR HORIZONTAL
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 14 "H" PATTERN,D-SUB.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1024x768/75Hz 60KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
					HORIZONTAL		
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
56.730	17.60	---	40.00	10.18	27.78	-12.22	Peak
129.470	19.00	---	43.50	12.68	31.68	-11.82	Peak
130.650	14.90	---	43.50	12.73	27.63	-15.87	Peak
166.450	15.80	---	43.50	13.88	29.68	-13.82	Peak
171.070	15.40	---	43.50	13.99	29.39	-14.11	Peak
180.320	16.60	---	43.50	14.40	31.00	-12.50	Peak
184.940	14.80	---	43.50	14.91	29.71	-13.79	Peak
194.180	19.50	---	43.50	15.79	35.29	-8.21	Peak
208.050	15.30	---	43.50	17.02	32.32	-11.18	Peak
231.160	17.50	---	46.00	18.99	36.49	-9.51	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

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	Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
						HORIZONTAL		
	MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
	235.780	16.40	---	46.00	19.38	35.78	-10.22	Peak
	245.030	14.30	---	46.00	20.11	34.41	-11.59	Peak
	258.900	17.20	---	46.00	21.02	38.22	-7.78	Peak
!	291.320	18.10	---	46.00	22.73	40.83	-5.17	Peak
	291.320	---	16.73	46.00	22.73	39.46	-6.54	QP
	300.520	---	14.84	46.00	23.20	38.04	-7.96	QP
!	300.520	17.00	---	46.00	23.20	40.20	-5.80	Peak
	308.790	---	22.82	46.00	16.66	39.48	-6.52	QP
!	308.790	24.90	---	46.00	16.66	41.56	-4.44	Peak
	309.750	19.20	---	46.00	16.69	35.89	-10.11	Peak
	314.390	17.60	---	46.00	16.78	34.38	-11.62	Peak
	323.630	22.80	---	46.00	16.97	39.77	-6.23	Peak
	337.490	16.70	---	46.00	17.25	33.95	-12.05	Peak
	342.930	20.50	---	46.00	17.37	37.87	-8.13	Peak
	346.750	18.70	---	46.00	17.44	36.14	-9.86	Peak
	351.370	20.40	---	46.00	17.53	37.93	-8.07	Peak
!	360.100	23.50	---	46.00	17.70	41.20	-4.80	Peak
	360.100	---	21.92	46.00	17.70	39.62	-6.38	QP
	360.620	---	21.34	46.00	17.70	39.04	-6.96	QP
!	360.620	22.90	---	46.00	17.70	40.60	-5.40	Peak
	365.230	21.90	---	46.00	17.79	39.69	-6.31	Peak
	374.480	20.00	---	46.00	17.95	37.95	-8.05	Peak
	379.100	16.50	---	46.00	18.02	34.52	-11.48	Peak
	388.350	20.20	---	46.00	18.19	38.39	-7.61	Peak
!	411.470	21.70	---	46.00	18.57	40.27	-5.73	Peak
	411.470	---	19.93	46.00	18.57	38.50	-7.50	QP
	416.090	21.10	---	46.00	18.63	39.73	-6.27	Peak
	425.340	20.80	---	46.00	18.75	39.55	-6.45	Peak
	429.960	19.90	---	46.00	18.81	38.71	-7.29	Peak
	439.200	19.30	---	46.00	18.94	38.24	-7.76	Peak
!	453.070	---	22.28	46.00	19.12	41.40	-4.60	QP
!	453.070	22.90	---	46.00	19.12	42.02	-3.98	Peak
	466.950	19.60	---	46.00	19.31	38.91	-7.09	Peak
	476.190	19.30	---	46.00	19.41	38.71	-7.29	Peak
!	490.060	22.40	---	46.00	19.60	42.00	-4.00	Peak
!	490.060	---	20.93	46.00	19.60	40.53	-5.47	QP
	494.680	20.30	---	46.00	19.64	39.94	-6.06	Peak
	503.920	18.10	---	46.00	19.79	37.89	-8.11	Peak
	517.790	16.10	---	46.00	19.99	36.09	-9.91	Peak
	540.920	17.30	---	46.00	20.36	37.66	-8.34	Peak
	545.540	19.10	---	46.00	20.42	39.52	-6.48	Peak
!	554.790	21.20	---	46.00	20.57	41.77	-4.23	Peak
	554.790	---	19.39	46.00	20.57	39.96	-6.04	QP
	559.410	19.20	---	46.00	20.62	39.82	-6.18	Peak
	568.650	18.60	---	46.00	20.77	39.37	-6.63	Peak
	573.270	18.20	---	46.00	20.83	39.03	-6.97	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

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	Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
						HORIZONTAL		
	MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
!	582.510	20.70	---	46.00	20.97	41.67	-4.33	Peak
	582.510	---	18.67	46.00	20.97	39.64	-6.36	QP
!	596.400	24.20	---	46.00	21.17	45.37	-0.63	Peak
!	596.400	---	22.04	46.00	21.17	43.21	-2.79	QP
	605.640	17.80	---	46.00	21.36	39.16	-6.84	Peak
	610.270	18.50	---	46.00	21.46	39.96	-6.04	Peak
	619.520	17.40	---	46.00	21.67	39.07	-6.93	Peak
	661.120	17.00	---	46.00	22.66	39.66	-6.34	Peak
	661.120	---	14.23	46.00	22.66	36.89	-9.11	QP
!	670.360	18.50	---	46.00	22.87	41.37	-4.63	Peak
!	675.000	---	17.37	46.00	22.98	40.35	-5.65	QP
!	675.000	19.90	---	46.00	22.98	42.88	-3.12	Peak
!	684.230	---	19.92	46.00	23.19	43.11	-2.89	QP
!	684.230	22.20	---	46.00	23.19	45.39	-0.61	Peak
!	688.850	---	17.89	46.00	23.29	41.18	-4.82	QP
!	688.850	20.20	---	46.00	23.29	43.49	-2.51	Peak
	711.970	15.80	---	46.00	23.67	39.47	-6.53	Peak
	725.840	15.60	---	46.00	23.88	39.48	-6.52	Peak
	735.080	15.20	---	46.00	23.98	39.18	-6.82	Peak
	739.710	14.80	---	46.00	24.05	38.85	-7.15	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

Tested by : C C.Wu

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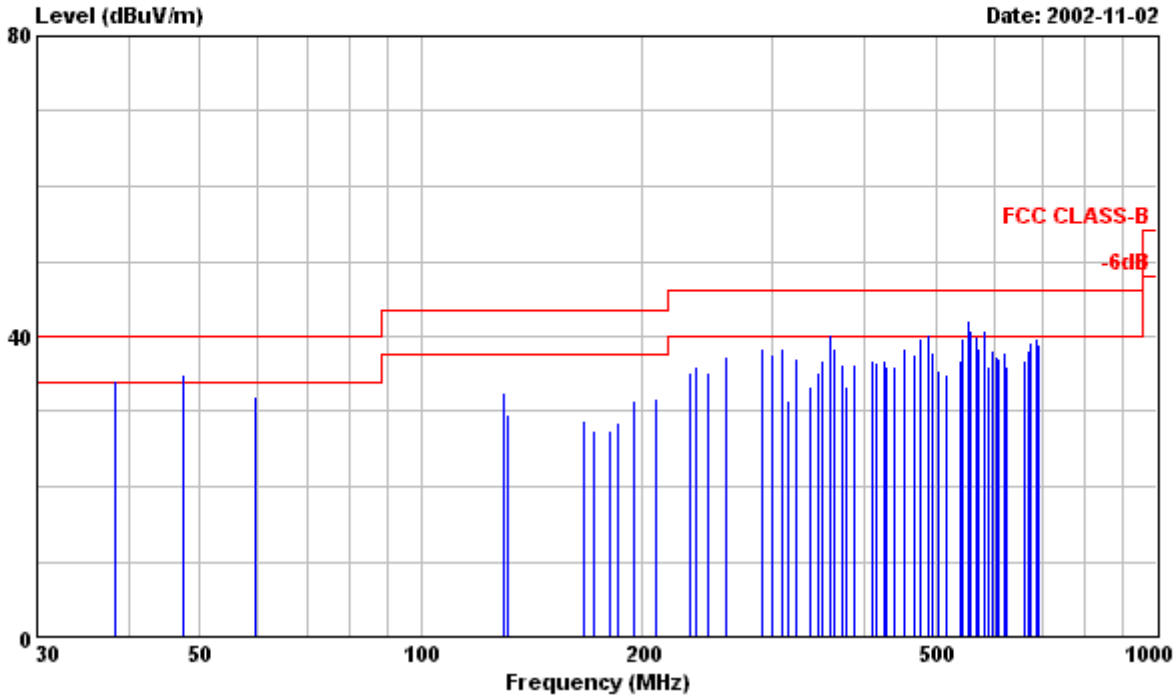

Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR VERTICAL
EUT : PHILIPS 170W4 Serial No:TY0204060
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. T/R MODEL LG PHILIPS PANEL,RUN IBM
: V1.8 FONT 14 "H" PATTERN,D-SUB.
: 3. AUDIO WITH HEADPHONE AND MICROPHONE.
: 4. 1024x768/75Hz 60KHz MODE WITH COMPAQ
: ENC/P866/20E/8/128A TAI PC,MATROX
: MILLENNIUM G550 VIDEO CARD
: WAS TESTED.

	Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel VERTICAL	Over Limit	Remark
	MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
	38.260	---	20.14	40.00	12.58	32.72	-7.28	QP
!	38.260	21.60	---	40.00	12.58	34.18	-5.82	Peak
!	47.470	23.90	---	40.00	11.15	35.05	-4.95	Peak
	47.470	---	22.34	40.00	11.15	33.49	-6.51	QP
	59.300	22.00	---	40.00	9.97	31.97	-8.03	Peak
	129.470	19.79	---	43.50	12.68	32.47	-11.03	Peak
	130.650	17.00	---	43.50	12.73	29.73	-13.77	Peak
	166.450	14.80	---	43.50	13.88	28.68	-14.82	Peak
	171.070	13.40	---	43.50	13.99	27.39	-16.11	Peak
	180.320	13.10	---	43.50	14.40	27.50	-16.00	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

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	Frequency MHz	Peak Reading dBuV	QP reading dBuV	Limit dBuV/m	Factor dB/m	Emission Lavel VERTICAL dBuV/m	Over Limit dBuV/m	Remark
	184.940	13.50	---	43.50	14.91	28.41	-15.09	Peak
	194.180	15.80	---	43.50	15.79	31.59	-11.91	Peak
	208.040	14.60	---	43.50	17.02	31.62	-11.88	Peak
	231.160	16.20	---	46.00	18.99	35.19	-10.81	Peak
	235.780	16.50	---	46.00	19.38	35.88	-10.12	Peak
	245.030	15.10	---	46.00	20.11	35.21	-10.79	Peak
	258.900	16.40	---	46.00	21.02	37.42	-8.58	Peak
	291.320	15.70	---	46.00	22.73	38.43	-7.57	Peak
	300.520	14.50	---	46.00	23.20	37.70	-8.30	Peak
	308.790	21.80	---	46.00	16.66	38.46	-7.54	Peak
	309.750	18.10	---	46.00	16.69	34.79	-11.21	Peak
	314.390	14.70	---	46.00	16.78	31.48	-14.52	Peak
	323.630	20.10	---	46.00	16.97	37.07	-8.93	Peak
	337.490	16.20	---	46.00	17.25	33.45	-12.55	Peak
	346.750	17.70	---	46.00	17.44	35.14	-10.86	Peak
	351.370	19.40	---	46.00	17.53	36.93	-9.07	Peak
!	360.620	22.70	---	46.00	17.70	40.40	-5.60	Peak
	360.620	---	21.30	46.00	17.70	39.00	-7.00	QP
	365.230	20.70	---	46.00	17.79	38.49	-7.51	Peak
	374.480	18.20	---	46.00	17.95	36.15	-9.85	Peak
	379.100	15.20	---	46.00	18.02	33.22	-12.78	Peak
	388.350	18.10	---	46.00	18.19	36.29	-9.71	Peak
	411.470	18.30	---	46.00	18.57	36.87	-9.13	Peak
	416.090	17.80	---	46.00	18.63	36.43	-9.57	Peak
	425.340	18.00	---	46.00	18.75	36.75	-9.25	Peak
	429.960	17.30	---	46.00	18.81	36.11	-9.89	Peak
	439.200	17.00	---	46.00	18.94	35.94	-10.06	Peak
	453.070	19.30	---	46.00	19.12	38.42	-7.58	Peak
	466.950	18.40	---	46.00	19.31	37.71	-8.29	Peak
	476.190	20.40	---	46.00	19.41	39.81	-6.19	Peak
	490.060	---	18.79	46.00	19.60	38.39	-7.61	QP
!	490.060	20.70	---	46.00	19.60	40.30	-5.70	Peak
	494.680	18.20	---	46.00	19.64	37.84	-8.16	Peak
	503.920	15.80	---	46.00	19.79	35.59	-10.41	Peak
	517.790	15.00	---	46.00	19.99	34.99	-11.01	Peak
	540.920	16.40	---	46.00	20.36	36.76	-9.24	Peak
	545.540	19.40	---	46.00	20.42	39.82	-6.18	Peak
!	554.790	21.70	---	46.00	20.57	42.27	-3.73	Peak
!	554.790	---	19.65	46.00	20.57	40.22	-5.78	QP
!	559.410	20.20	---	46.00	20.62	40.82	-5.18	Peak
	559.410	---	18.20	46.00	20.62	38.82	-7.18	QP
	568.650	19.10	---	46.00	20.77	39.87	-6.13	Peak
	573.270	17.50	---	46.00	20.83	38.33	-7.67	Peak
!	582.520	19.90	---	46.00	20.97	40.87	-5.13	Peak
	582.520	---	17.60	46.00	20.97	38.57	-7.43	QP
	591.770	14.90	---	46.00	21.08	35.98	-10.02	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
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Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
					VERTICAL		
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
596.400	17.00	---	46.00	21.17	38.17	-7.83	Peak
605.640	16.10	---	46.00	21.36	37.46	-8.54	Peak
610.270	15.60	---	46.00	21.46	37.06	-8.94	Peak
619.520	16.20	---	46.00	21.67	37.87	-8.13	Peak
624.140	14.30	---	46.00	21.83	36.13	-9.87	Peak
661.120	14.10	---	46.00	22.66	36.76	-9.24	Peak
670.360	15.30	---	46.00	22.87	38.17	-7.83	Peak
675.000	16.30	---	46.00	22.98	39.28	-6.72	Peak
684.230	16.60	---	46.00	23.19	39.79	-6.21	Peak
688.850	15.70	---	46.00	23.29	38.99	-7.01	Peak

Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

Tested by : C C.Wu