PHILIPS

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.: TYR87-2010 Date : 07 May, 2002 Page : 1 of 52

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. : A3KM112
Model Name : 107E40, 107T40
Serial Number : TY0205191, TY0205199
Description : 17" XGA color monitor, Max. resolution 1280x1024/60Hz

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 : 16 Apr. 2002

Date of performance of test : 18 Apr., 2002 to 25 Apr., 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. : 107E40, 107T40
FCC ID : A3KM112
Brand : Philips

The color monitor automatically scans horizontal frequencies between 30KHz and 70KHz , and vertical frequencies between 50Hz and 160Hz. This color monitor displays sharp and brilliant images of text and graphics with a maximum resolution up to 1280x1024 pixels.

The monitor has 8 factory-preset modes as indicated in the following table:

	Resolution	H. freq.	V. freq.	H.	V.
1.	720 x 400	31.5 KHz	70Hz (VGA)	-	+
2.	640 x 480	31.47 KHz	60Hz (VGA)	-	-
3.	640 x 480	43.3 KHz	85Hz (VESA)	-	-
4.	800 x 600	46.9 KHz	75Hz (VESA)	+	+
5.	800 x 600	53.674KHz	85Hz (VESA)	+	+
6.	1024 x 768	60.0 KHz	75Hz (VESA)	+	+
7.	1024 x 768	68.7 KHz	85Hz (VESA)	+	+
8.	1280 x 1024	64.0 KHz	60Hz (VESA)	+	+

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	2415A00346	05/16/2001	05/16/2002
EMI Receiver	R & S ESCS30	830245/026	06/09/2001	06/08/2002
LISN	EMCO 3825/2	9311-2153	12/04/2001	06/04/2002
LISN	EMCO 3825/2	9311-2154	12/04/2001	06/04/2002
RF Cable	8-meter	N/A	05/28-2001	05/28/2002

- For Radiated Emissions Test:

Test Equipment	Model No.	Serial No.	Last Calibrate	Next Calibrate
Spectrum	HP8568B	2415A00346	08/15/2001	08/15/2002
RF Preselector	HP85685A	2901A00946	08/15/2001	08/15/2002
QP Adapter	HP85650A	2043A00366	08/15/2001	08/15/2002
EMI Receiver	HP85460A	3441A00199	09/11/2001	09/11/2002
RFI Filter Section	HP85460A	3330A00177	09/11/2001	09/11/2002
EMI Receiver	R & S ESVS30	841977/006	05/28/2001	05/28/2002
Biconical Antenna	EMCO 3110B	3222	04/27/2001	04/27/2002
Biconical Antenna	EMCO 3110B	3224	04/27/2001	04/27/2002
Log-Periodic Antenna	EMCO 3146A	1424	04/27/2001	04/27/2002
Log-Periodic Antenna	EMCO 3146A	1425	04/27/2001	04/27/2002
Turn Table	EMCO 1060	1068	05/26/2001	05/26/2002
Antenna Tower	EMCO 1050	1113	05/26/2001	05/26/2002
RF Cable	M17/75-RG214-NE	N/A	05/26/2001	05/26/2002

4. Test Configuration of EUT and Peripherals

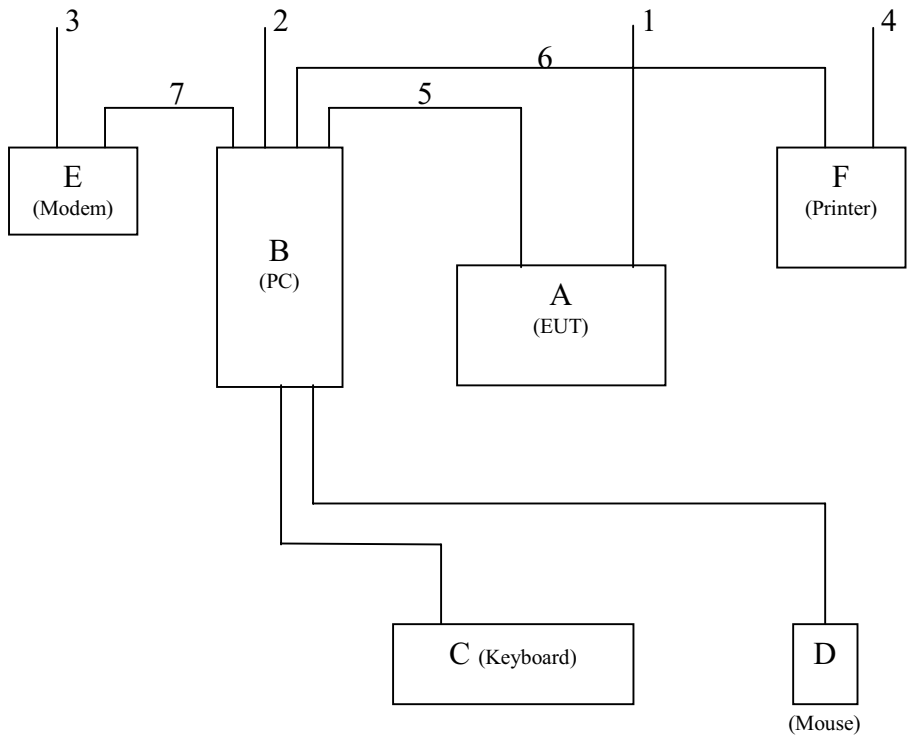
The system was configured for testing in a typical fashion (as a customer would normally use it) according to ANSI C63.4-1992, please see the photographs for detail. For system measurement, the EUT "107E40, 107T40" were connected to:

	Description	Brand/ Model No.	Serial No.	FCC ID	Remark
A	Monitor	Philips 107E40 107T40	TY0205191 TY0205199	A3KM112	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	USRobotics 268	2680559278575	CJE-0318	
F	Printer	HP 2225C	3145S02419	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.

Tested and reported modes as following:

Test Item	File No.	Resolution	Frequencies	I/F Cable
Conducted	EMI02-015-C, EMI02-016-C	1024x768	68.7KHz/85Hz	D-sub
		1280x1024	64KHz/60Hz	D-sub
Radiated	EMI02-015-R, EMI02-016-R	1024x768	68.7KHz/85Hz	D-sub
		1280x1024	64KHz/60Hz	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	: 18 Apr., 2002 to 25 Apr., 2002
Test Engineer	: C.C.Wu

For detail measurement results see next pages.

PHILIPS
Philips Electronics Inductries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

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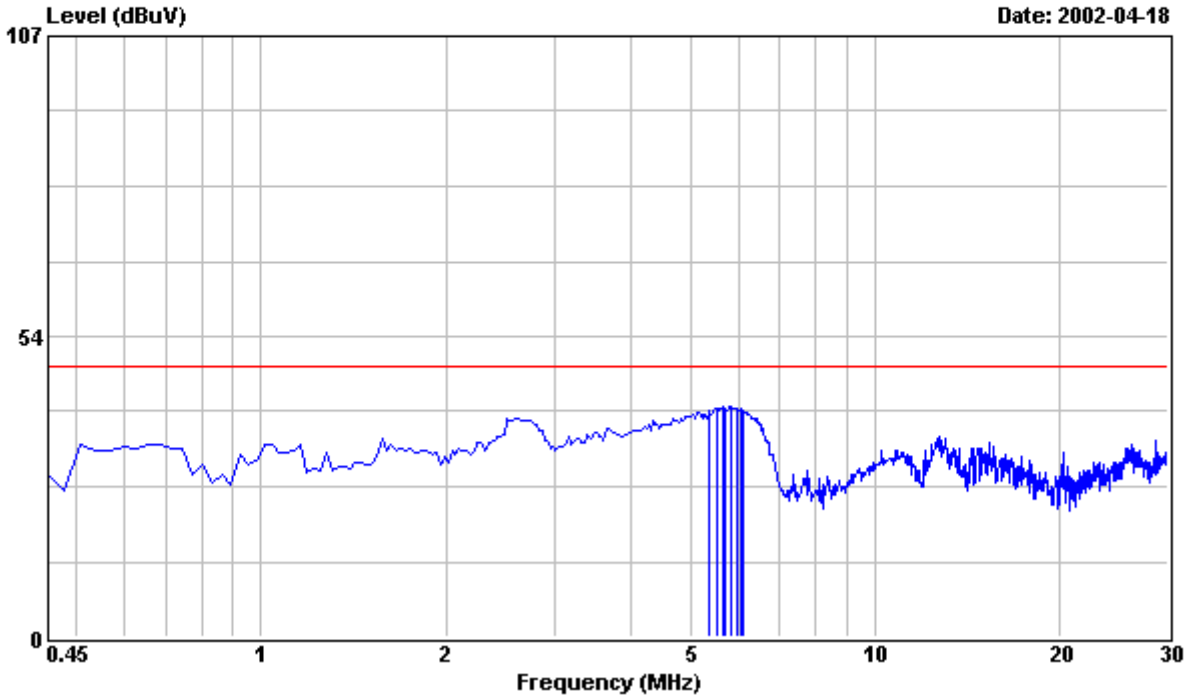

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 107E40 Serial No:TY0205191
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1024X768/85Hz 68.7KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel	Over Limit
				LINE	
MHz	dBuV	dBuV	dB	dBuV	dBuV
5.355	39.90	48.00	0.34	40.24	-7.76
5.533	40.40	48.00	0.35	40.75	-7.25
5.651	40.70	48.00	0.37	41.07	-6.93
5.710	40.40	48.00	0.37	40.77	-7.23
5.828	40.80	48.00	0.38	41.18	-6.82
5.946	40.30	48.00	0.40	40.70	-7.30
6.065	40.30	48.00	0.40	40.70	-7.30
6.124	39.90	48.00	0.40	40.30	-7.70

Remarks: 1. All Readings are Peak .
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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No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

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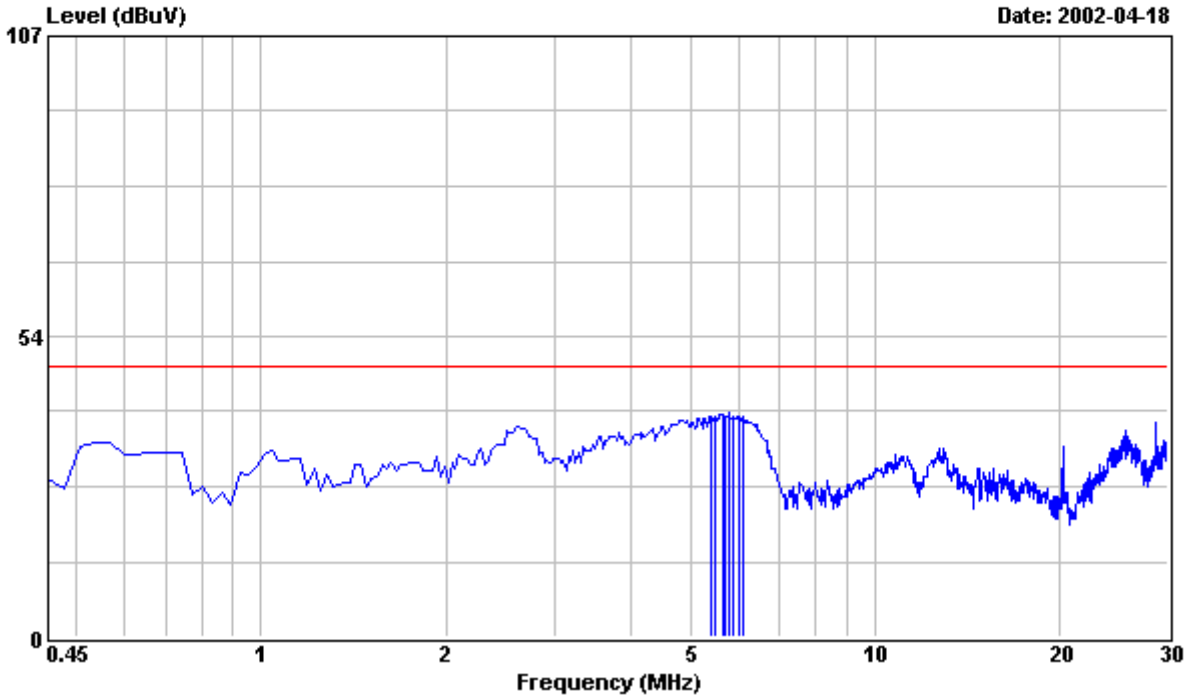

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 107E40 Serial No:TY0205191
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1024X768/85Hz 68.7KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
5.414	38.80	48.00	0.34	39.14	-8.86
5.474	39.00	48.00	0.35	39.35	-8.65
5.651	39.40	48.00	0.37	39.77	-8.23
5.710	38.80	48.00	0.37	39.17	-8.83
5.769	39.40	48.00	0.38	39.78	-8.22
5.887	38.90	48.00	0.39	39.29	-8.71
6.005	38.70	48.00	0.40	39.10	-8.90
6.124	38.80	48.00	0.40	39.20	-8.80

Remarks: 1. All Readings are Peak .
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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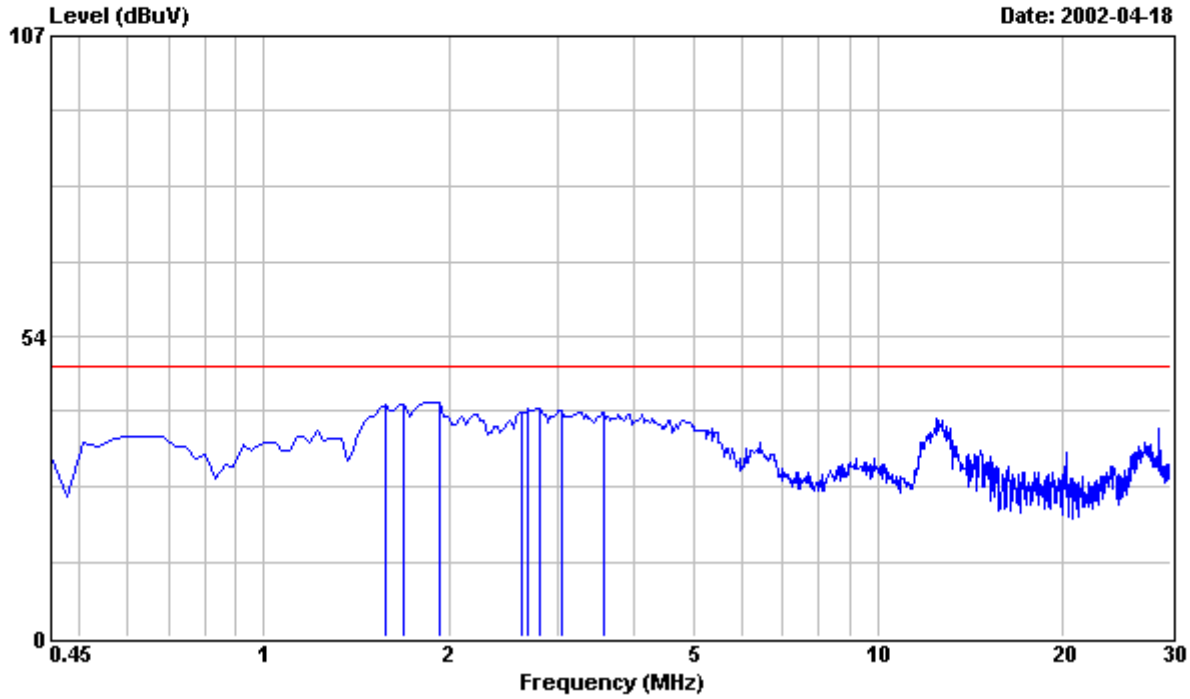

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 107E40 Serial No:TY0205191
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1024X768/85Hz 68.7KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel LINE	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
1.573	41.00	48.00	0.40	41.40	-6.60
1.691	40.80	48.00	0.40	41.20	-6.80
1.928	41.40	48.00	0.40	41.80	-6.20
2.637	39.70	48.00	0.40	40.10	-7.90
2.696	40.20	48.00	0.40	40.60	-7.40
2.814	40.20	48.00	0.40	40.60	-7.40
3.050	39.80	48.00	0.40	40.20	-7.80
3.582	39.50	48.00	0.40	39.90	-8.10

Remarks: 1. All Readings are Peak .
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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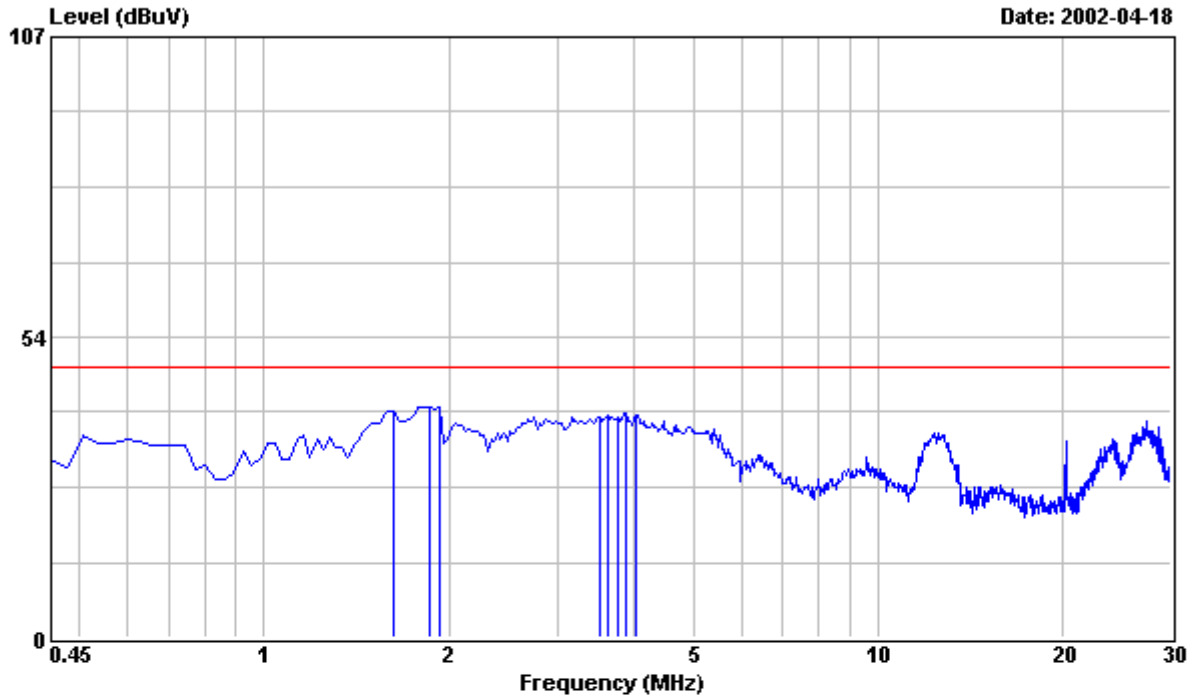

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 107E40 Serial No:TY0205191
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1024X768/85Hz 68.7KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
1.632	39.80	48.00	0.40	40.20	-7.80
1.868	40.60	48.00	0.40	41.00	-7.00
1.928	40.60	48.00	0.40	41.00	-7.00
3.523	39.00	48.00	0.40	39.40	-8.60
3.641	39.20	48.00	0.40	39.60	-8.40
3.760	39.00	48.00	0.40	39.40	-8.60
3.878	39.40	48.00	0.40	39.80	-8.20
4.026	39.20	48.00	0.40	39.60	-8.40

Remarks: 1. All Readings are Peak .
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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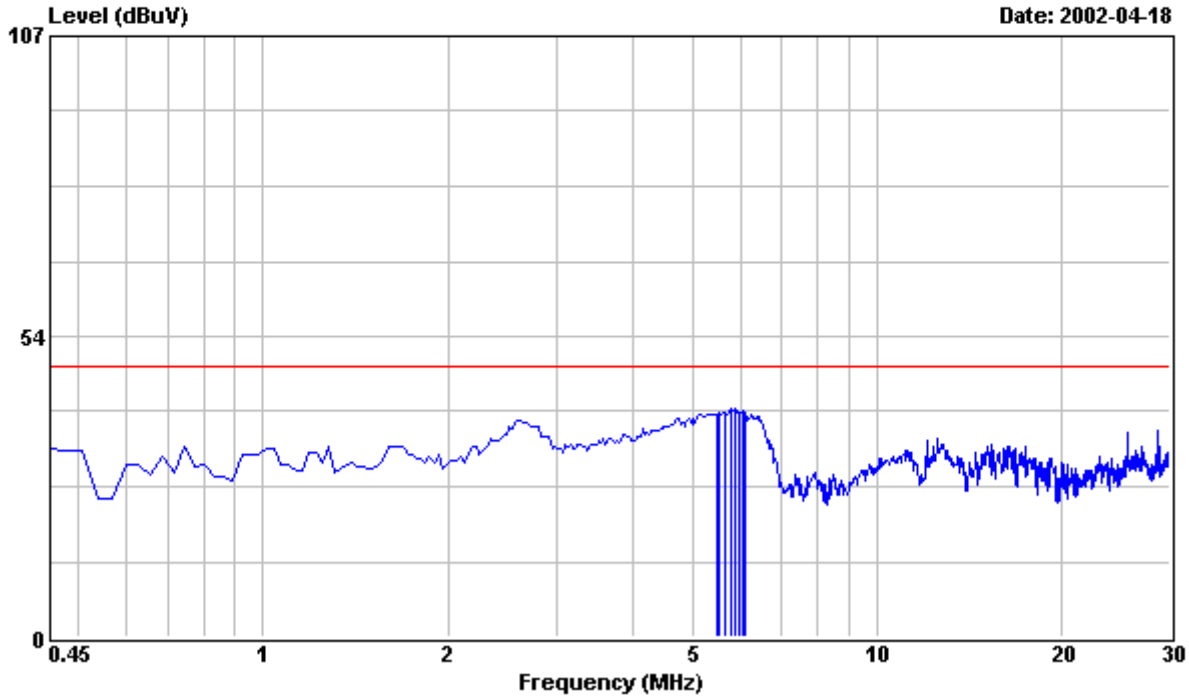

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 107E40 Serial No:TY0205191
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1280X1024/60Hz 64KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel LINE	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
5.474	39.40	48.00	0.35	39.75	-8.25
5.533	39.50	48.00	0.35	39.85	-8.15
5.651	39.60	48.00	0.37	39.97	-8.03
5.769	40.20	48.00	0.38	40.58	-7.42
5.887	40.10	48.00	0.39	40.49	-7.51
5.946	39.70	48.00	0.40	40.10	-7.90
6.065	39.80	48.00	0.40	40.20	-7.80
6.124	39.40	48.00	0.40	39.80	-8.20

Remarks: 1. All Readings are Peak .
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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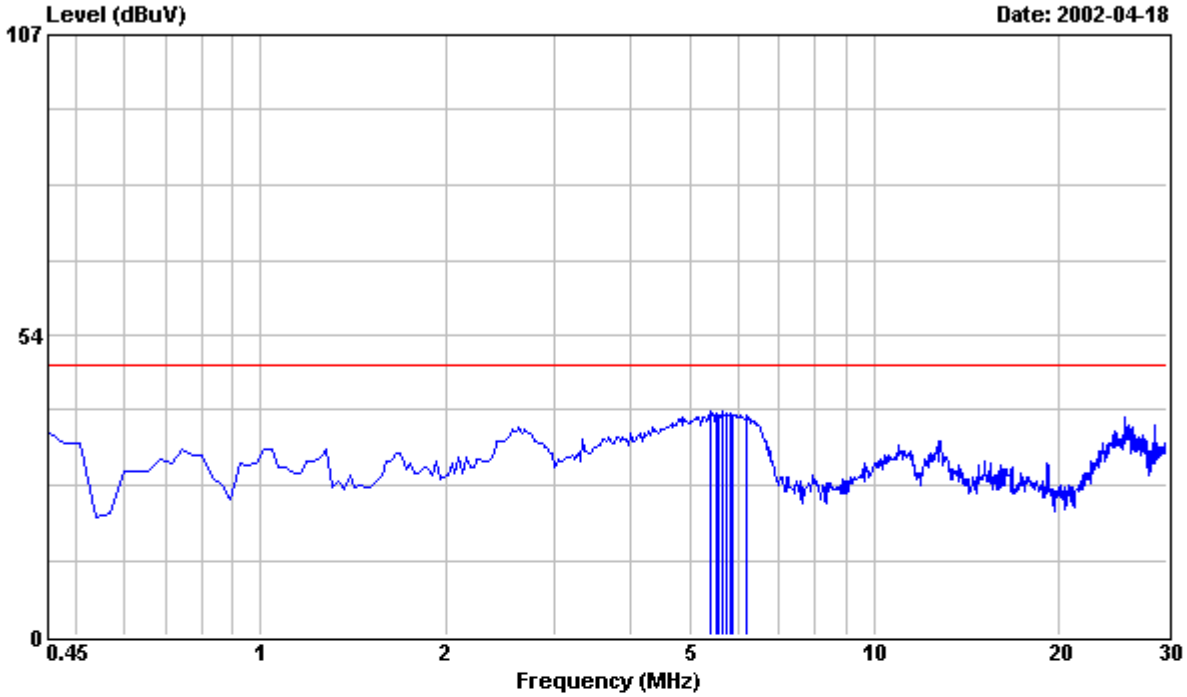

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 107E40 Serial No:TY0205191
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1280X1024/60Hz 64KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
5.414	39.50	48.00	0.34	39.84	-8.16
5.533	39.10	48.00	0.35	39.45	-8.55
5.592	38.90	48.00	0.36	39.26	-8.74
5.651	39.60	48.00	0.37	39.97	-8.03
5.739	39.09	48.00	0.38	39.47	-8.53
5.828	39.10	48.00	0.38	39.48	-8.52
5.887	38.90	48.00	0.39	39.29	-8.71
6.183	38.90	48.00	0.40	39.30	-8.70

Remarks: 1. All Readings are Peak .
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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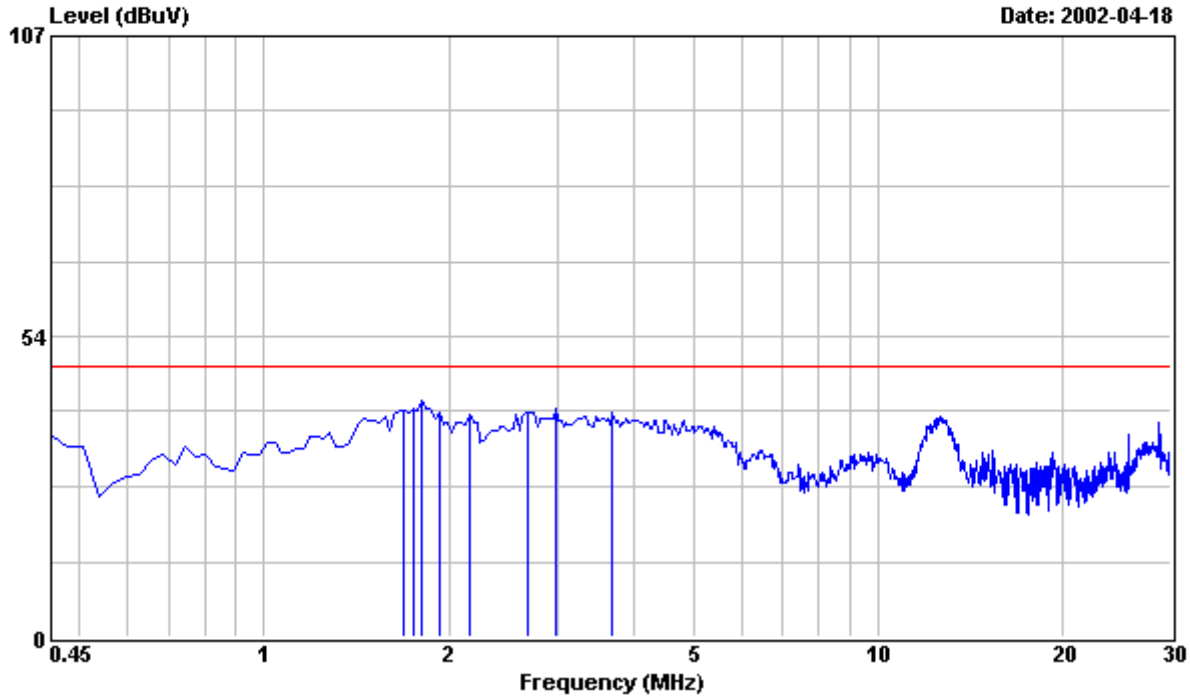

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 107E40 Serial No:TY0205191
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1280X1024/60Hz 64KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel LINE	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
1.691	39.80	48.00	0.40	40.20	-7.80
1.750	40.30	48.00	0.40	40.70	-7.30
1.809	41.70	48.00	0.40	42.10	-5.90
1.928	39.70	48.00	0.40	40.10	-7.90
2.164	39.20	48.00	0.40	39.60	-8.40
2.696	39.60	48.00	0.40	40.00	-8.00
2.991	40.20	48.00	0.40	40.60	-7.40
3.701	39.60	48.00	0.40	40.00	-8.00

Remarks: 1. All Readings are Peak .
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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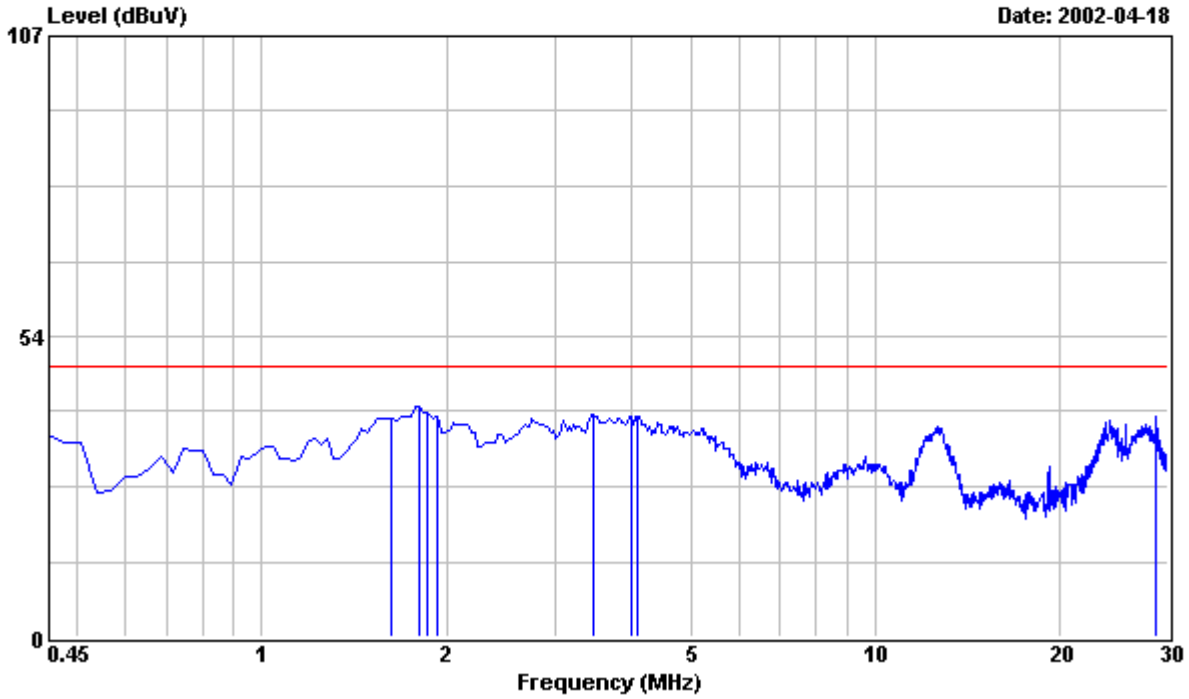
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 8 File#: C:\Program Files\e3\EMI02-015-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 107E40 Serial No:TY0205191
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1280X1024/60Hz 64KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

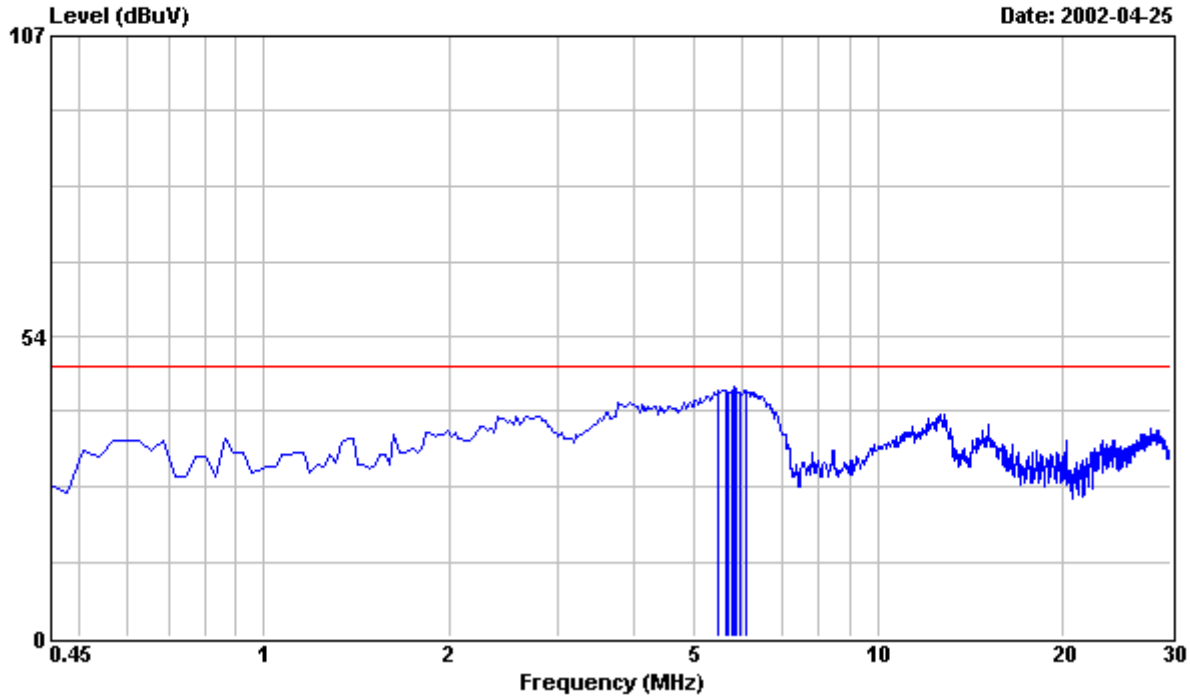
Frequency	Peak Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
1.632	38.60	48.00	0.40	39.00	-9.00
1.809	40.50	48.00	0.40	40.90	-7.10
1.868	39.70	48.00	0.40	40.10	-7.90
1.928	38.70	48.00	0.40	39.10	-8.90
3.464	39.20	48.00	0.40	39.60	-8.40
3.996	38.80	48.00	0.40	39.20	-8.80
4.085	39.00	48.00	0.39	39.39	-8.61
28.759	38.20	48.00	0.92	39.12	-8.88

Remarks: 1. All Readings are Peak .
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.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 1 File#: C:\Program Files\e3\EMI02-016-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 107T40 Serial No:TY0205199
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1024X768/85Hz 68.7KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel LINE	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
5.474	43.60	48.00	0.35	43.95	-4.05
5.651	43.50	48.00	0.37	43.87	-4.13
5.710	43.30	48.00	0.37	43.67	-4.33
5.769	43.20	48.00	0.38	43.58	-4.42
5.828	44.10	48.00	0.38	44.48	-3.52
5.887	43.60	48.00	0.39	43.99	-4.01
5.946	43.20	48.00	0.40	43.60	-4.40
6.124	43.50	48.00	0.40	43.90	-4.10

Remarks: 1. All Readings are Peak .
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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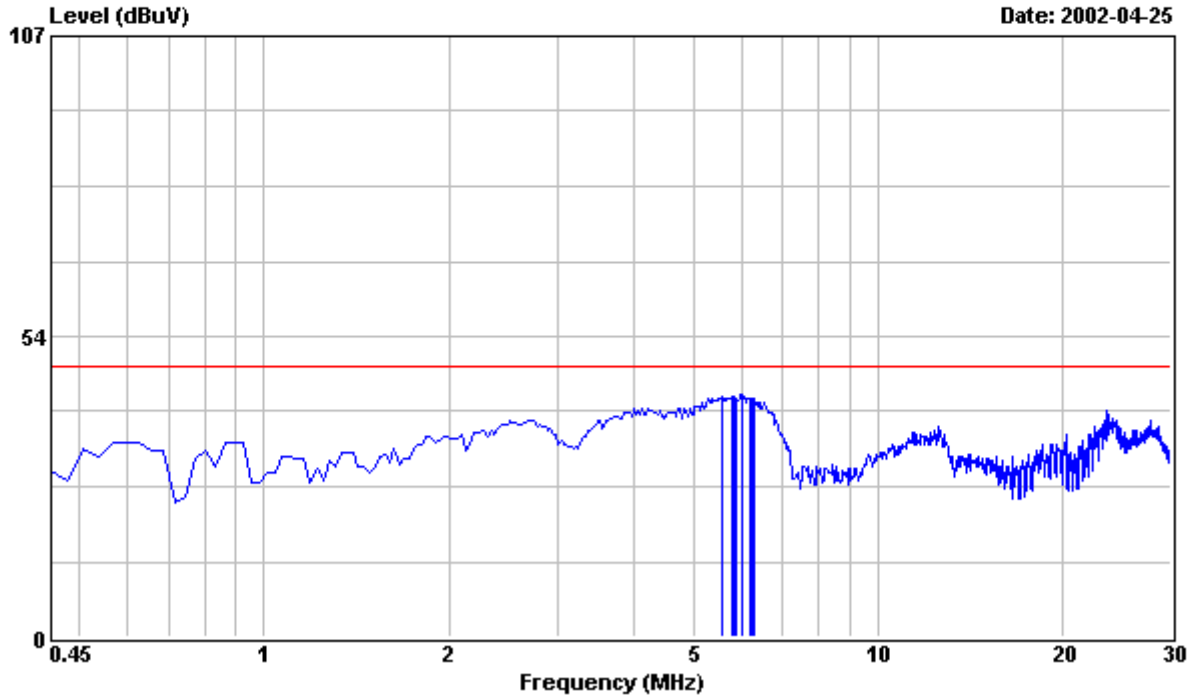
Philips Electronics Inductries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 2 File#: C:\Program Files\e3\EMI02-016-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 107T40 Serial No:TY0205199
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1024X768/85Hz 68.7KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

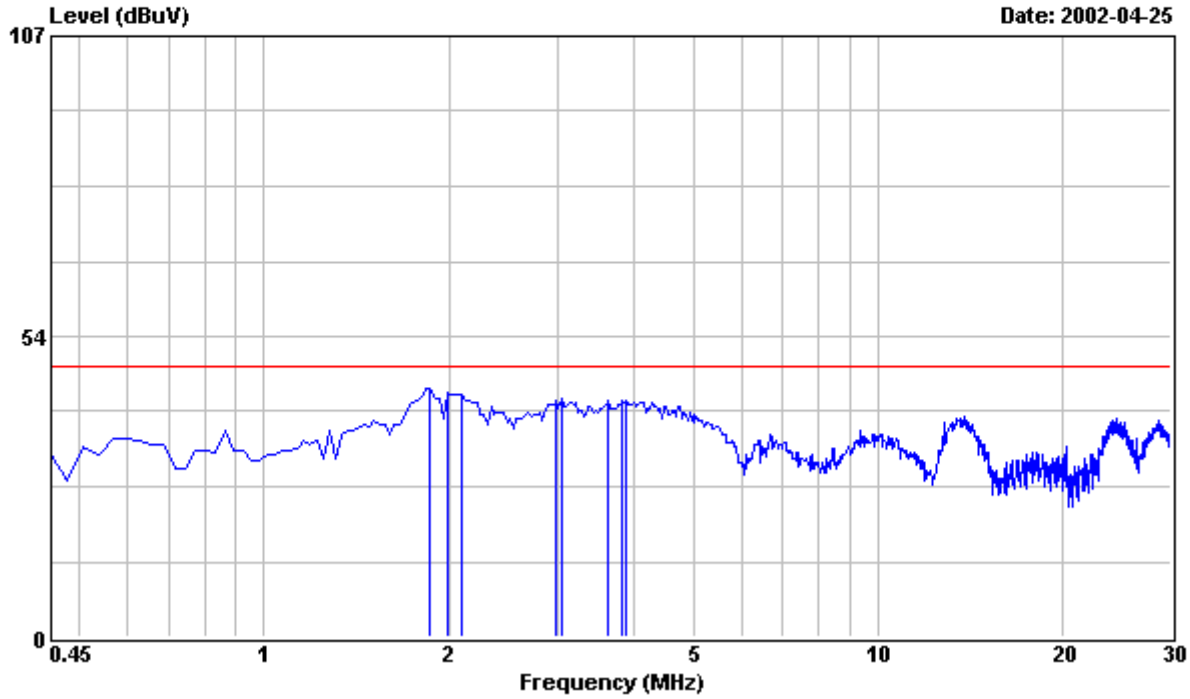
Frequency	Peak Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
5.592	42.50	48.00	0.36	42.86	-5.14
5.769	42.60	48.00	0.38	42.98	-5.02
5.828	42.50	48.00	0.38	42.88	-5.12
5.887	42.20	48.00	0.39	42.59	-5.41
6.005	42.90	48.00	0.40	43.30	-4.70
6.183	42.20	48.00	0.40	42.60	-5.40
6.242	42.20	48.00	0.40	42.60	-5.40
6.301	42.20	48.00	0.40	42.60	-5.40

Remarks: 1. All Readings are Peak .
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.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 3 File#: C:\Program Files\e3\EMI02-016-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 107T40 Serial No:TY0205199
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1024X768/85Hz 68.7KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel LINE	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
1.868	43.70	48.00	0.40	44.10	-3.90
1.987	43.10	48.00	0.40	43.50	-4.50
2.105	42.80	48.00	0.40	43.20	-4.80
2.991	41.70	48.00	0.40	42.10	-5.90
3.050	42.10	48.00	0.40	42.50	-5.50
3.641	41.60	48.00	0.40	42.00	-6.00
3.819	41.60	48.00	0.40	42.00	-6.00
3.878	41.60	48.00	0.40	42.00	-6.00

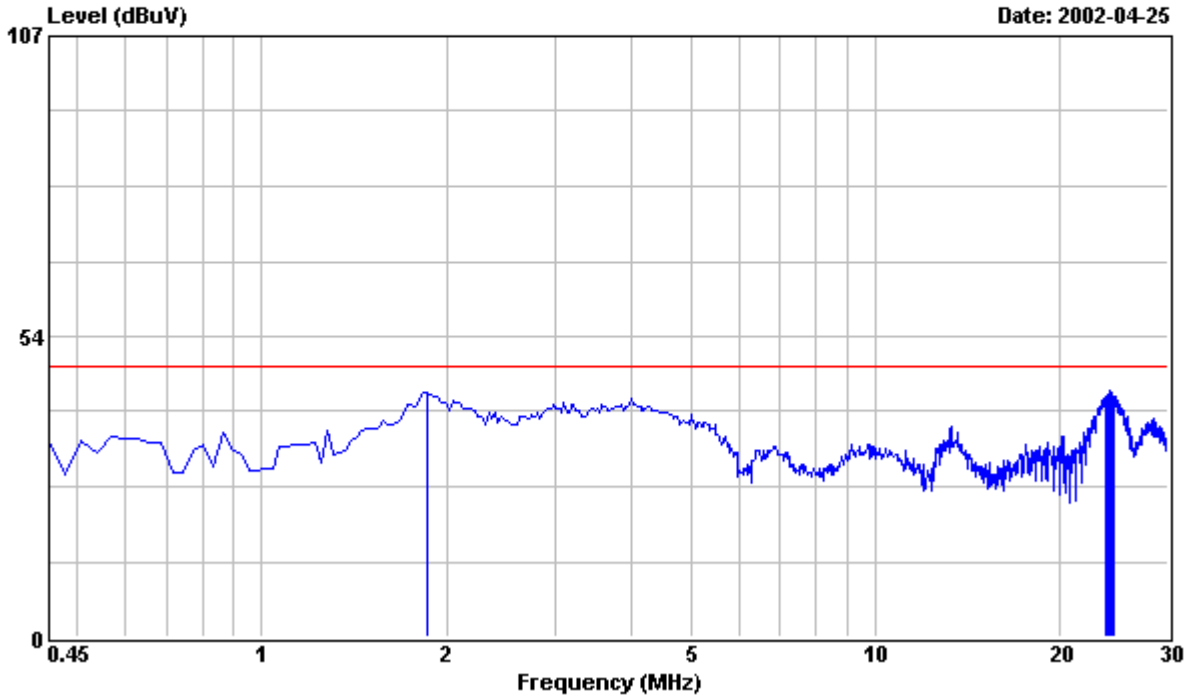
Remarks: 1. All Readings are Peak .
2. Emission Lavel (dBuV) = Factor (dB) + Meter Reading (dBuV)
3. Factor (dB/m) = LISN Loss (dB) + Cable Loss (dB)

Tested by : C C.Wu

PHILIPS

Philips Electronics Inductries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 4 File#: C:\Program Files\e3\EMI02-016-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 107T40 Serial No:TY0205199
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1024X768/85Hz 68.7KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
1.868	43.00	48.00	0.40	43.40	-4.60
23.735	42.00	48.00	0.98	42.98	-5.02
23.972	42.20	48.00	0.98	43.18	-4.82
24.090	42.10	48.00	0.98	43.08	-4.92
24.149	42.00	48.00	0.98	42.98	-5.02
24.208	42.90	48.00	0.99	43.89	-4.11
24.267	42.70	48.00	0.99	43.69	-4.31
24.445	41.90	48.00	0.99	42.89	-5.11

Remarks: 1. All Readings are Peak .
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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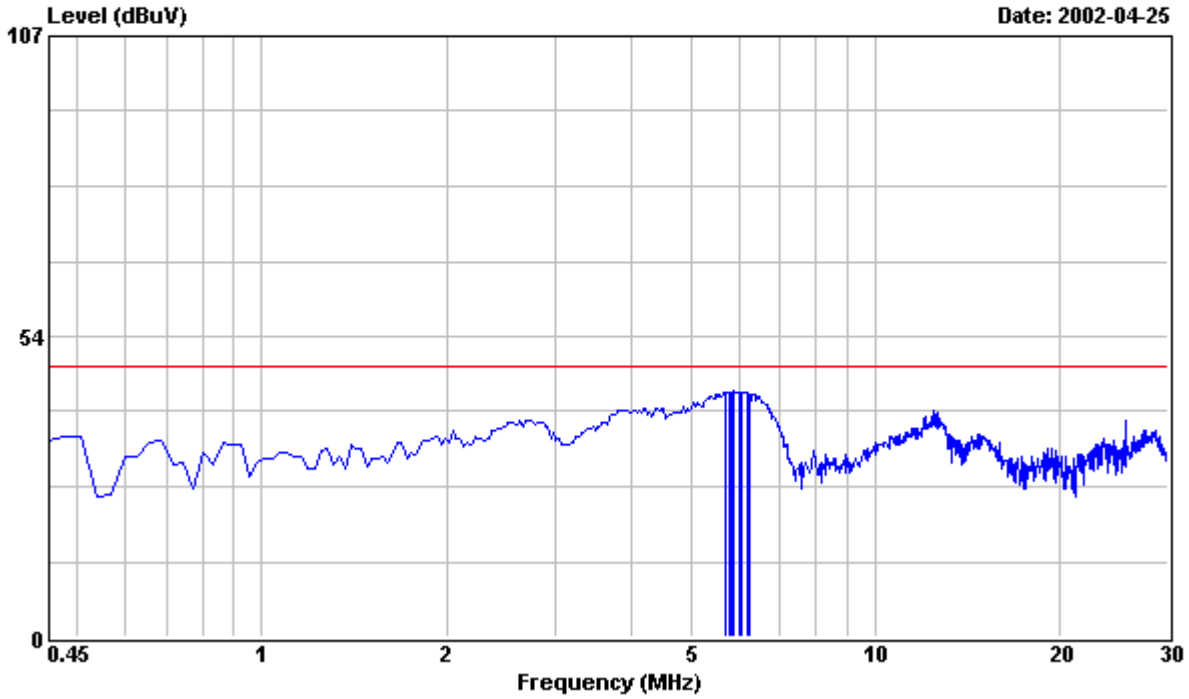
Philips Electronics Inductries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 5 File#: C:\Program Files\e3\EMI02-016-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 107T40 Serial No:TY0205199
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1280X1024/60Hz 64KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

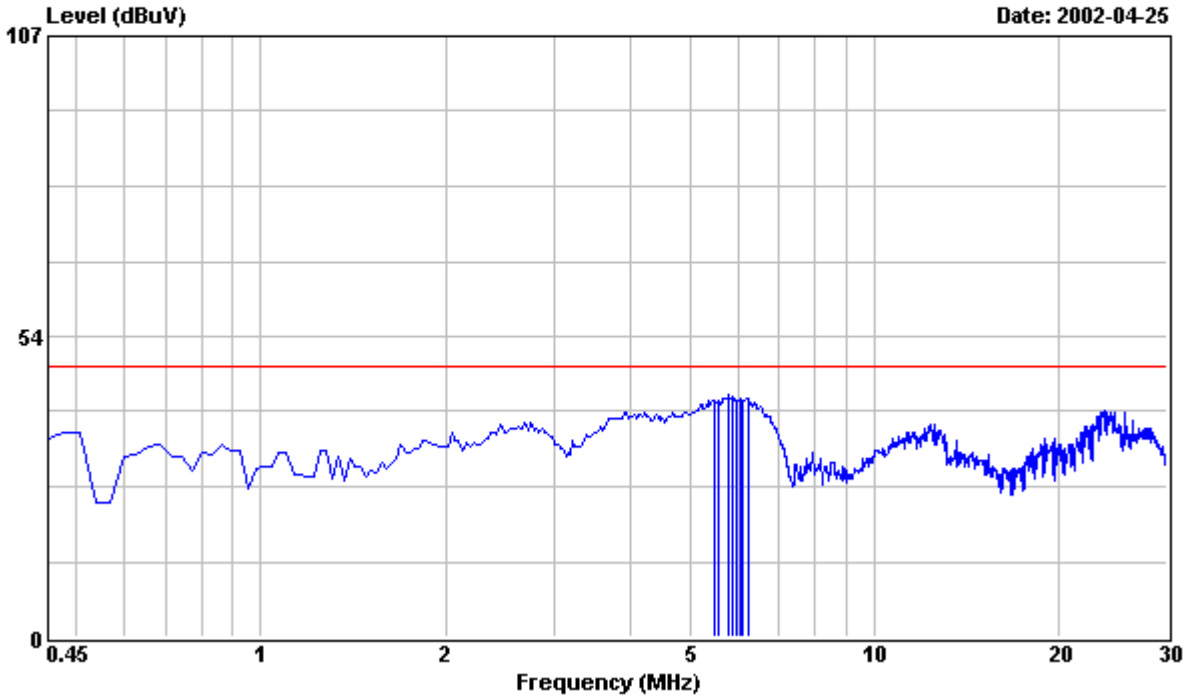
Frequency	Peak Reading	Limit	Factor	Emission Lavel LINE	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
5.710	43.10	48.00	0.37	43.47	-4.53
5.769	43.30	48.00	0.38	43.68	-4.32
5.828	43.30	48.00	0.38	43.68	-4.32
5.887	43.40	48.00	0.39	43.79	-4.21
6.005	43.20	48.00	0.40	43.60	-4.40
6.065	43.20	48.00	0.40	43.60	-4.40
6.183	43.20	48.00	0.40	43.60	-4.40
6.242	42.90	48.00	0.40	43.30	-4.70

Remarks: 1. All Readings are Peak .
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.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 6 File#: C:\Program Files\e3\EMI02-016-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 107T40 Serial No:TY0205199
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1280X1024/60Hz 64KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
5.474	41.90	48.00	0.35	42.25	-5.75
5.592	41.80	48.00	0.36	42.16	-5.84
5.769	42.70	48.00	0.38	43.08	-4.92
5.887	42.50	48.00	0.39	42.89	-5.11
5.946	41.80	48.00	0.40	42.20	-5.80
6.065	41.90	48.00	0.40	42.30	-5.70
6.124	41.80	48.00	0.40	42.20	-5.80
6.242	42.00	48.00	0.40	42.40	-5.60

Remarks: 1. All Readings are Peak .
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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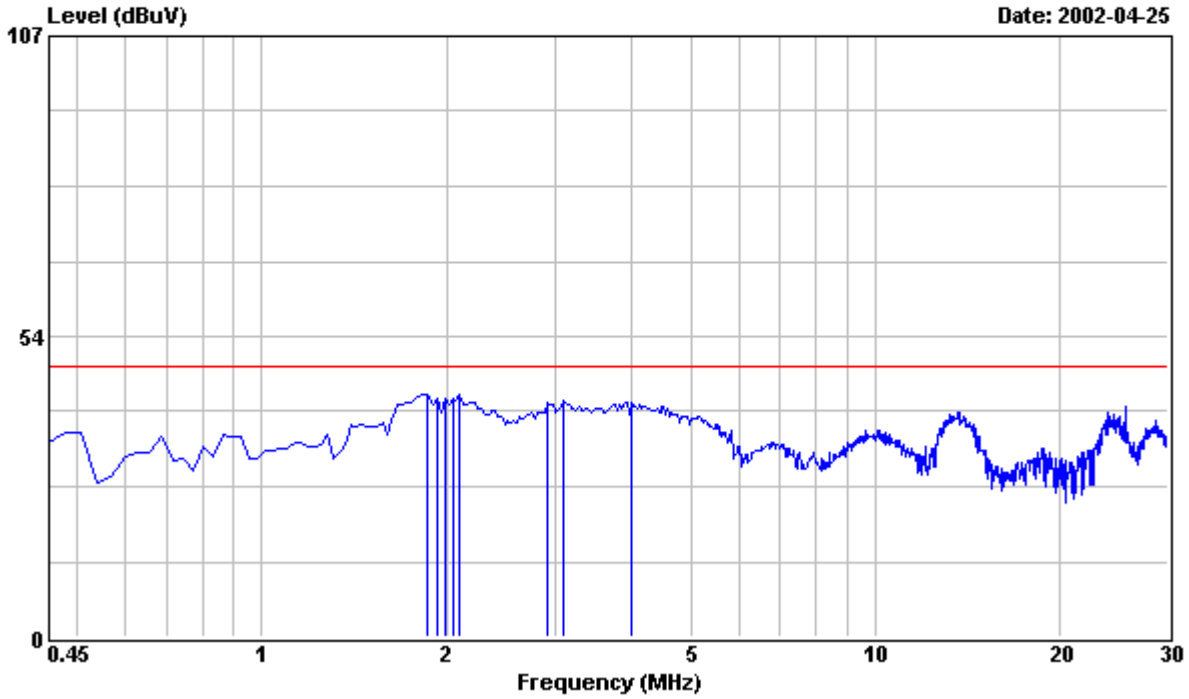
Philips Electronics Inductries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 7 File#: C:\Program Files\e3\EMI02-016-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : PHILIPS 107T40 Serial No:TY0205199
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1280X1024/60Hz 64KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel LINE	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
1.868	42.80	48.00	0.40	43.20	-4.80
1.928	42.00	48.00	0.40	42.40	-5.60
1.987	42.10	48.00	0.40	42.50	-5.50
2.046	42.10	48.00	0.40	42.50	-5.50
2.105	42.70	48.00	0.40	43.10	-4.90
2.932	41.40	48.00	0.40	41.80	-6.20
3.110	41.60	48.00	0.40	42.00	-6.00
3.996	41.30	48.00	0.40	41.70	-6.30

Remarks: 1. All Readings are Peak .
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

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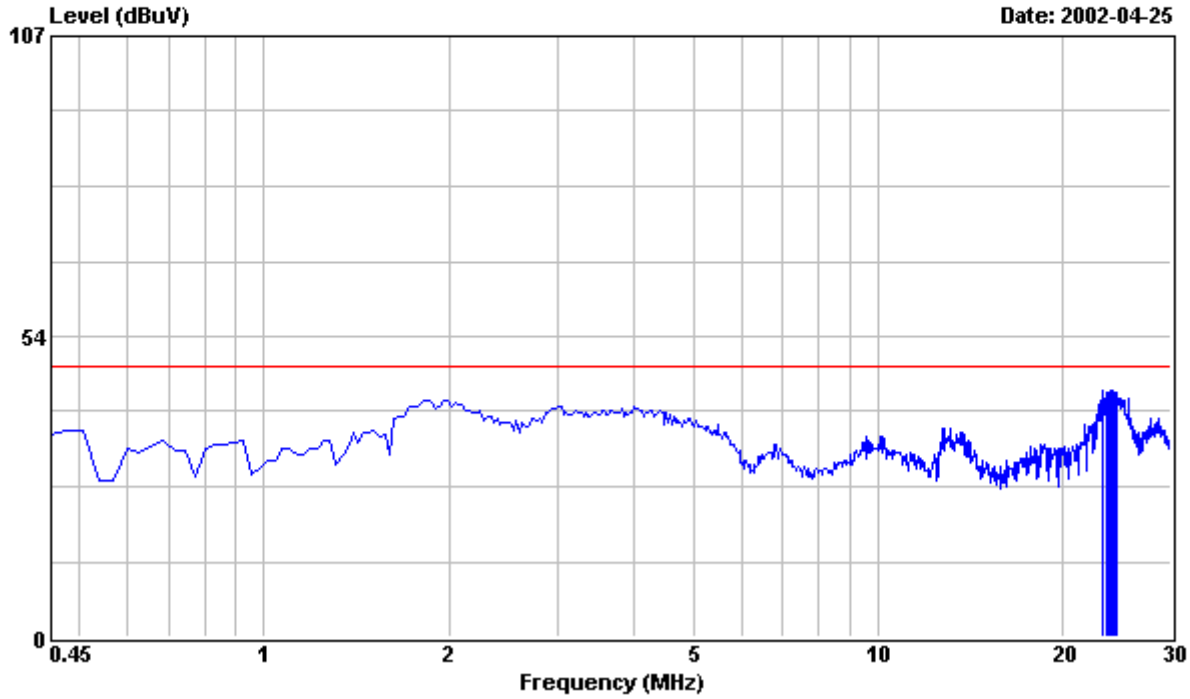
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 8 File#: C:\Program Files\e3\EMI02-016-C.emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : PHILIPS 107T40 Serial No:TY0205199
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1280X1024/60Hz 64KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit
MHz	dBuV	dBuV	dB	dBuV	dBuV
23.263	42.90	48.00	0.97	43.87	-4.13
23.676	42.60	48.00	0.98	43.58	-4.42
23.854	42.50	48.00	0.98	43.48	-4.52
23.972	42.80	48.00	0.98	43.78	-4.22
24.031	42.40	48.00	0.98	43.38	-4.62
24.090	42.90	48.00	0.98	43.88	-4.12
24.386	42.60	48.00	0.99	43.59	-4.41
24.445	42.50	48.00	0.99	43.49	-4.51

Remarks: 1. All Readings are Peak .
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 Quasi-Peak
88.0 – 216.0	43.5	43.5 Quasi-Peak
216.0 – 960.0	46.5	46.0 Quasi-Peak
960.0 – 1000.0	49.5	54.0 Quasi-Peak
Above 1000.0	49.5	54.0 Average

Test Result :

Passed FCC Class B Limits

Remark:

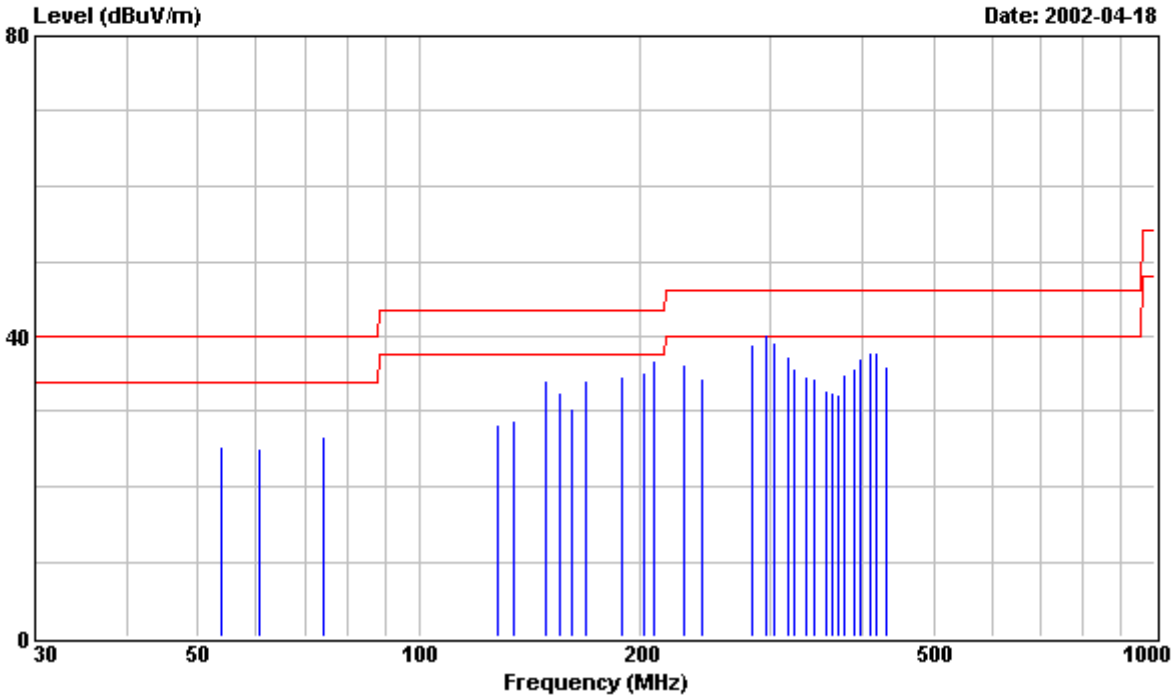
Date of Test	: 18 Apr., 2002 to 25 Apr., 2002
Test Engineer	: C.C.Wu

For detail measurement results see next pages.

PHILIPS

Philips Electronics Industries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 1 File#: C:\Program Files\e3\EMI02-015-R.emi



Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR HORIZONTAL
EUT : PHILIPS 107E40 Serial No:TY0205191
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1024X768/85Hz 68.7KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel HORIZONTAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
53.870	14.90	---	40.00	10.44	25.34	-14.66
60.620	15.10	---	40.00	9.91	25.01	-14.99
74.080	16.50	---	40.00	10.17	26.67	-13.33
127.950	15.60	---	43.50	12.62	28.22	-15.28
134.680	15.90	---	43.50	12.87	28.77	-14.73
148.140	20.80	---	43.50	13.34	34.14	-9.36
154.870	19.10	---	43.50	13.55	32.65	-10.85
161.600	16.60	---	43.50	13.74	30.34	-13.16
168.340	20.20	---	43.50	13.93	34.13	-9.37
188.560	19.40	---	43.50	15.22	34.62	-8.88
202.020	18.60	---	43.50	16.50	35.10	-8.40
208.760	19.60	---	43.50	17.09	36.69	-6.81
228.950	17.50	---	46.00	18.86	36.36	-9.64
242.410	14.60	---	46.00	19.91	34.51	-11.49
282.830	16.70	---	46.00	22.32	39.02	-6.98

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 HORIZONTAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
296.300	---	16.10	46.00	22.99	39.09	-6.91
296.300	17.40	---	46.00	22.99	40.39	-5.61
303.030	22.70	---	46.00	16.55	39.25	-6.75
316.490	20.40	---	46.00	16.83	37.23	-8.77
323.220	18.80	---	46.00	16.97	35.77	-10.23
336.690	17.40	---	46.00	17.25	34.65	-11.35
343.420	17.00	---	46.00	17.37	34.37	-11.63
356.880	15.20	---	46.00	17.63	32.83	-13.17
363.610	14.80	---	46.00	17.74	32.54	-13.46
370.340	14.30	---	46.00	17.88	32.18	-13.82
377.100	17.00	---	46.00	18.00	35.00	-11.00
390.560	17.50	---	46.00	18.24	35.74	-10.26
397.290	18.80	---	46.00	18.35	37.15	-8.85
410.760	19.30	---	46.00	18.54	37.84	-8.16
417.490	19.10	---	46.00	18.65	37.75	-8.25
430.940	17.20	---	46.00	18.83	36.03	-9.97

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

PHILIPS

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Chungli, Taiwan, R.O.C.
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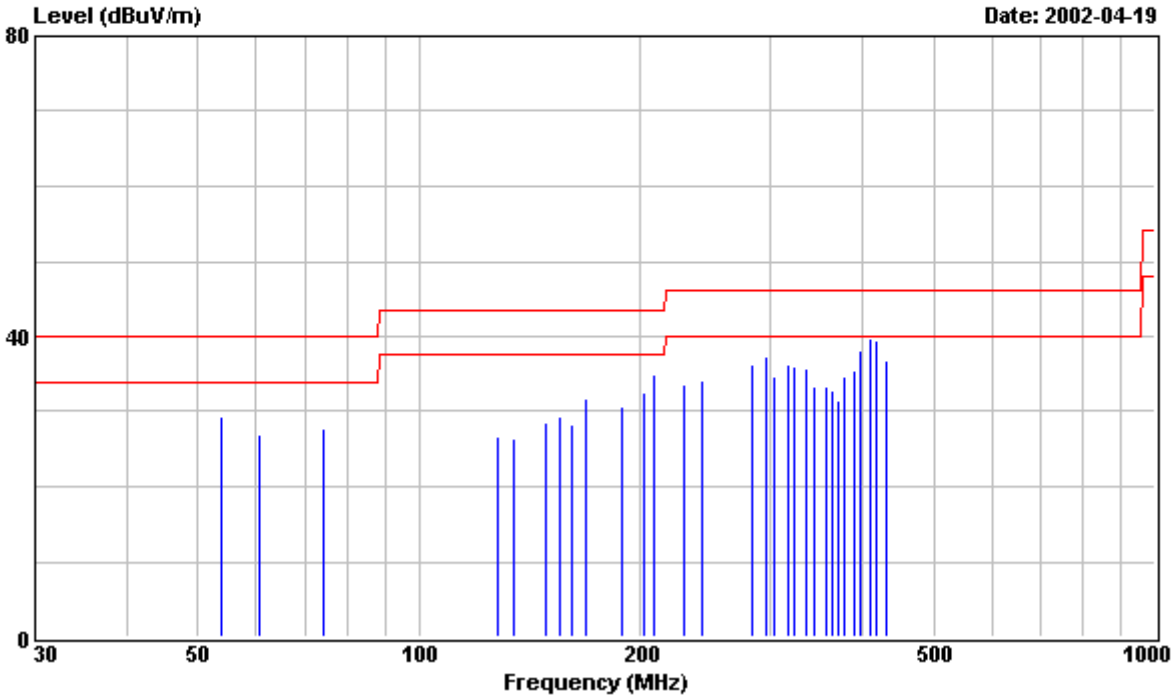
Data#: 2 File#: C:\Program Files\e3\EMI02-015-R.emi



Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR VERTICAL
EUT : PHILIPS 107E40 Serial No:TY0205191
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1024X768/85Hz 68.7KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel VERTICAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
53.870	18.90	---	40.00	10.44	29.34	-10.66
60.620	17.10	---	40.00	9.91	27.01	-12.99
74.080	17.50	---	40.00	10.17	27.67	-12.33
127.950	14.10	---	43.50	12.62	26.72	-16.78
134.680	13.50	---	43.50	12.87	26.37	-17.13
148.140	15.30	---	43.50	13.34	28.64	-14.86
154.870	15.90	---	43.50	13.55	29.45	-14.05
161.600	14.40	---	43.50	13.74	28.14	-15.36
168.340	17.70	---	43.50	13.93	31.63	-11.87
188.560	15.50	---	43.50	15.22	30.72	-12.78
202.020	16.00	---	43.50	16.50	32.50	-11.00
208.760	17.80	---	43.50	17.09	34.89	-8.61
228.950	14.70	---	46.00	18.86	33.56	-12.44
242.410	14.30	---	46.00	19.91	34.21	-11.79
282.830	13.90	---	46.00	22.32	36.22	-9.78

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

Philips Electronics Industries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel VERTICAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
296.300	14.40	---	46.00	22.99	37.39	-8.61
303.030	18.00	---	46.00	16.55	34.55	-11.45
316.490	19.40	---	46.00	16.83	36.23	-9.77
323.220	19.00	---	46.00	16.97	35.97	-10.03
336.690	18.40	---	46.00	17.25	35.65	-10.35
343.420	16.00	---	46.00	17.37	33.37	-12.63
356.880	15.60	---	46.00	17.63	33.23	-12.77
363.610	15.10	---	46.00	17.74	32.84	-13.16
370.340	13.60	---	46.00	17.88	31.48	-14.52
377.100	16.60	---	46.00	18.00	34.60	-11.40
390.560	17.10	---	46.00	18.24	35.34	-10.66
397.290	19.70	---	46.00	18.35	38.05	-7.95
410.750	21.30	---	46.00	18.54	39.84	-6.16
417.480	20.80	---	46.00	18.65	39.45	-6.55
430.940	18.00	---	46.00	18.83	36.83	-9.17

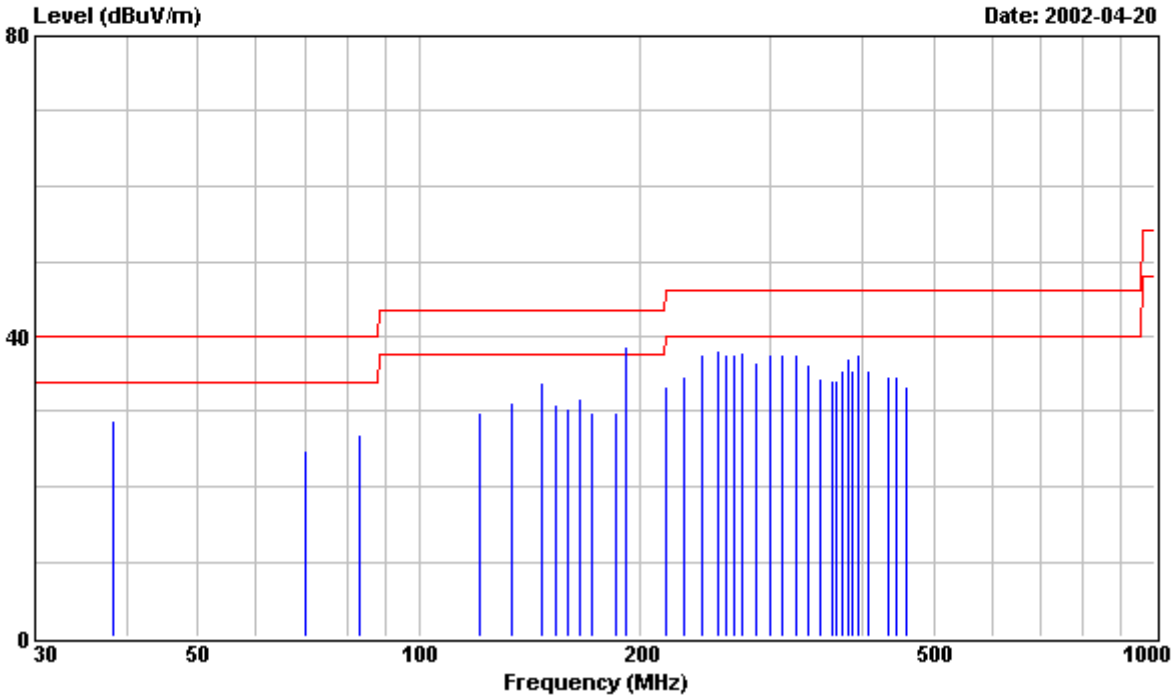
Remarks: 1. All Readings are Peak & Quasi-peak values.
2. Emission Lavel (dBuV/m) = Factor (dB/m) + Meter Reading (dBuV/m)
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

Tested by : C C.Wu

PHILIPS

Philips Electronics Inductries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 3 File#: C:\Program Files\e3\EMI02-015-R.emi



Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR HORIZONTAL
EUT : PHILIPS 107E40 Serial No:TY0205191
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1280X1024/60Hz 64KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel HORIZONTAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
38.220	16.30	---	40.00	12.58	28.88	-11.12
70.070	14.90	---	40.00	10.00	24.90	-15.10
82.840	16.50	---	40.00	10.55	27.05	-12.95
121.050	17.50	---	43.50	12.41	29.91	-13.59
133.780	18.30	---	43.50	12.83	31.13	-12.37
146.520	20.50	---	43.50	13.29	33.79	-9.71
152.880	17.40	---	43.50	13.49	30.89	-12.61
159.270	16.60	---	43.50	13.68	30.28	-13.22
165.660	18.00	---	43.50	13.85	31.85	-11.65
172.000	15.80	---	43.50	14.02	29.82	-13.68
184.750	14.90	---	43.50	14.84	29.74	-13.76
191.100	23.30	---	43.50	15.48	38.78	-4.72
191.100	---	21.60	43.50	15.48	37.08	-6.42
216.060	15.60	---	46.00	17.74	33.34	-12.66
229.330	15.80	---	46.00	18.86	34.66	-11.34

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
Philips Electronics Industries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel HORIZONTAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
242.070	17.80	---	46.00	19.84	37.64	-8.36
254.820	17.50	---	46.00	20.76	38.26	-7.74
261.190	16.40	---	46.00	21.12	37.52	-8.48
267.550	16.20	---	46.00	21.49	37.69	-8.31
273.920	16.10	---	46.00	21.85	37.95	-8.05
286.660	14.00	---	46.00	22.53	36.53	-9.47
299.420	14.40	---	46.00	23.15	37.55	-8.45
312.150	20.80	---	46.00	16.73	37.53	-8.47
324.890	20.50	---	46.00	16.99	37.49	-8.51
337.630	18.90	---	46.00	17.25	36.15	-9.85
350.370	16.80	---	46.00	17.51	34.31	-11.69
363.110	16.50	---	46.00	17.74	34.24	-11.76
369.480	16.20	---	46.00	17.86	34.06	-11.94
375.850	17.60	---	46.00	17.98	35.58	-10.42
382.220	19.00	---	46.00	18.10	37.10	-8.90
388.590	17.20	---	46.00	18.19	35.39	-10.61
394.960	19.40	---	46.00	18.31	37.71	-8.29
407.700	17.00	---	46.00	18.50	35.50	-10.50
433.180	15.70	---	46.00	18.85	34.55	-11.45
445.920	15.60	---	46.00	19.04	34.64	-11.36
458.660	14.20	---	46.00	19.20	33.40	-12.60

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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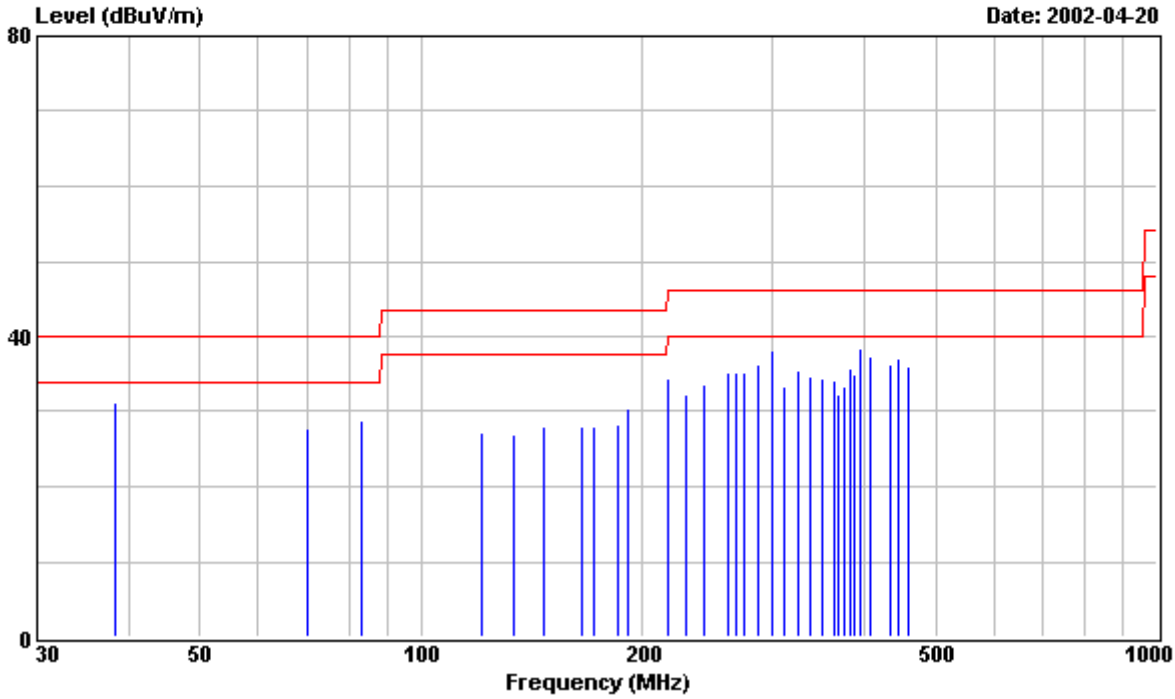
Philips Electronics Industries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 4 File#: C:\Program Files\e3\EMI02-015-R.emi



Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR VERTICAL
EUT : PHILIPS 107E40 Serial No:TY0205191
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1280X1024/60Hz 64KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel VERTICAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
38.220	18.50	---	40.00	12.58	31.08	-8.92
70.070	17.80	---	40.00	10.00	27.80	-12.20
82.840	18.20	---	40.00	10.55	28.75	-11.25
121.050	14.90	---	43.50	12.41	27.31	-16.19
133.780	14.10	---	43.50	12.83	26.93	-16.57
146.520	14.60	---	43.50	13.29	27.89	-15.61
165.660	14.20	---	43.50	13.85	28.05	-15.45
172.000	13.90	---	43.50	14.02	27.92	-15.58
184.750	13.40	---	43.50	14.84	28.24	-15.26
191.100	15.00	---	43.50	15.48	30.48	-13.02
216.590	16.60	---	46.00	17.81	34.41	-11.59
229.330	13.40	---	46.00	18.86	32.26	-13.74
242.070	13.70	---	46.00	19.84	33.54	-12.46
261.190	14.00	---	46.00	21.12	35.12	-10.88
267.550	13.70	---	46.00	21.49	35.19	-10.81

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

Philips Electronics Industries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel VERTICAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
273.920	13.40	---	46.00	21.85	35.25	-10.75
286.660	13.80	---	46.00	22.53	36.33	-9.67
299.420	15.00	---	46.00	23.15	38.15	-7.85
312.150	16.70	---	46.00	16.73	33.43	-12.57
324.890	18.50	---	46.00	16.99	35.49	-10.51
337.630	17.50	---	46.00	17.25	34.75	-11.25
350.370	16.90	---	46.00	17.51	34.41	-11.59
363.110	16.30	---	46.00	17.74	34.04	-11.96
369.480	14.50	---	46.00	17.86	32.36	-13.64
375.850	15.40	---	46.00	17.98	33.38	-12.62
382.220	17.60	---	46.00	18.10	35.70	-10.30
388.590	16.70	---	46.00	18.19	34.89	-11.11
394.960	20.10	---	46.00	18.31	38.41	-7.59
407.700	18.70	---	46.00	18.50	37.20	-8.80
433.180	17.40	---	46.00	18.85	36.25	-9.75
445.920	17.90	---	46.00	19.04	36.94	-9.06
458.660	16.80	---	46.00	19.20	36.00	-10.00

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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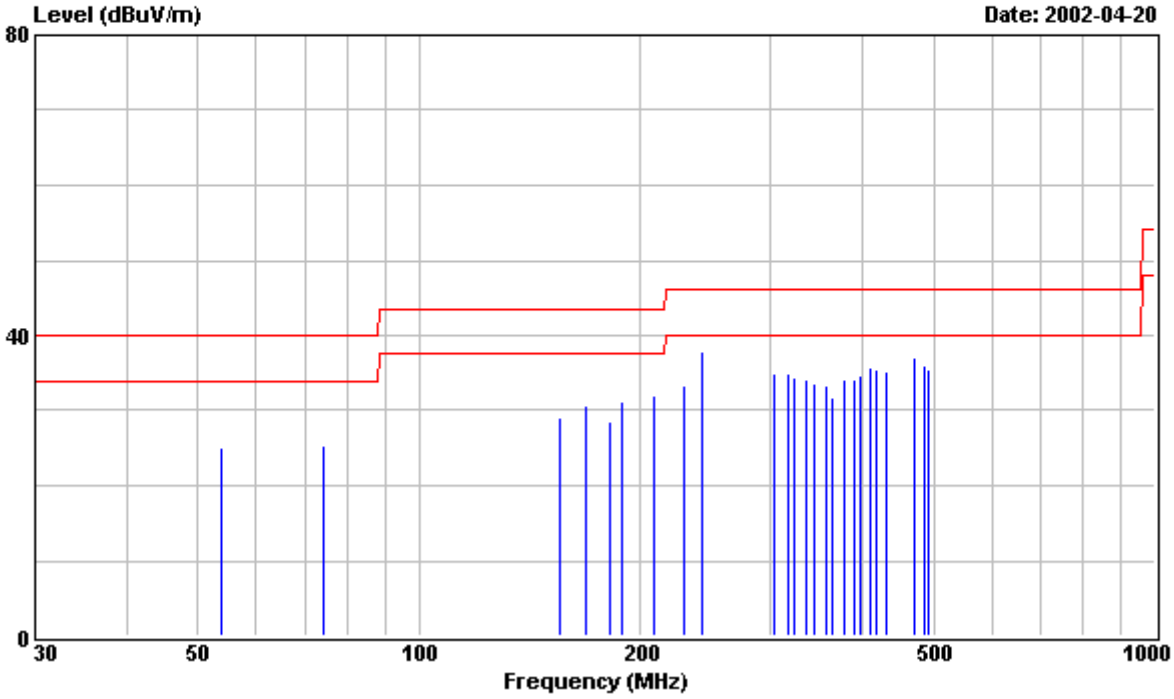
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 1 File#: C:\Program Files\e3\EMI02-016-R.emi



Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR HORIZONTAL
EUT : PHILIPS 107T40 Serial No:TY0205199
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1024X768/85Hz 68.7KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel HORIZONTAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
53.860	14.70	---	40.00	10.44	25.14	-14.86
74.070	15.10	---	40.00	10.17	25.27	-14.73
154.870	15.60	---	43.50	13.55	29.15	-14.35
168.340	16.80	---	43.50	13.93	30.73	-12.77
181.800	13.90	---	43.50	14.59	28.49	-15.01
188.530	15.90	---	43.50	15.22	31.12	-12.38
208.760	14.90	---	43.50	17.09	31.99	-11.51
228.650	14.50	---	46.00	18.79	33.29	-12.71
242.420	18.00	---	46.00	19.91	37.91	-8.09
303.030	18.50	---	46.00	16.55	35.05	-10.95
316.490	18.10	---	46.00	16.83	34.93	-11.07
323.230	17.40	---	46.00	16.97	34.37	-11.63
336.690	16.80	---	46.00	17.25	34.05	-11.95
343.430	16.10	---	46.00	17.37	33.47	-12.53
356.890	15.70	---	46.00	17.63	33.33	-12.67

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
Philips Electronics Industries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel HORIZONTAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
363.620	14.10	---	46.00	17.74	31.84	-14.16
377.080	16.20	---	46.00	18.00	34.20	-11.80
390.560	15.90	---	46.00	18.24	34.14	-11.86
397.290	16.30	---	46.00	18.35	34.65	-11.35
410.750	17.20	---	46.00	18.54	35.74	-10.26
417.500	16.90	---	46.00	18.65	35.55	-10.45
430.960	16.40	---	46.00	18.83	35.23	-10.77
471.370	17.60	---	46.00	19.37	36.97	-9.03
484.840	16.50	---	46.00	19.53	36.03	-9.97
491.580	15.80	---	46.00	19.60	35.40	-10.60

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

PHILIPS

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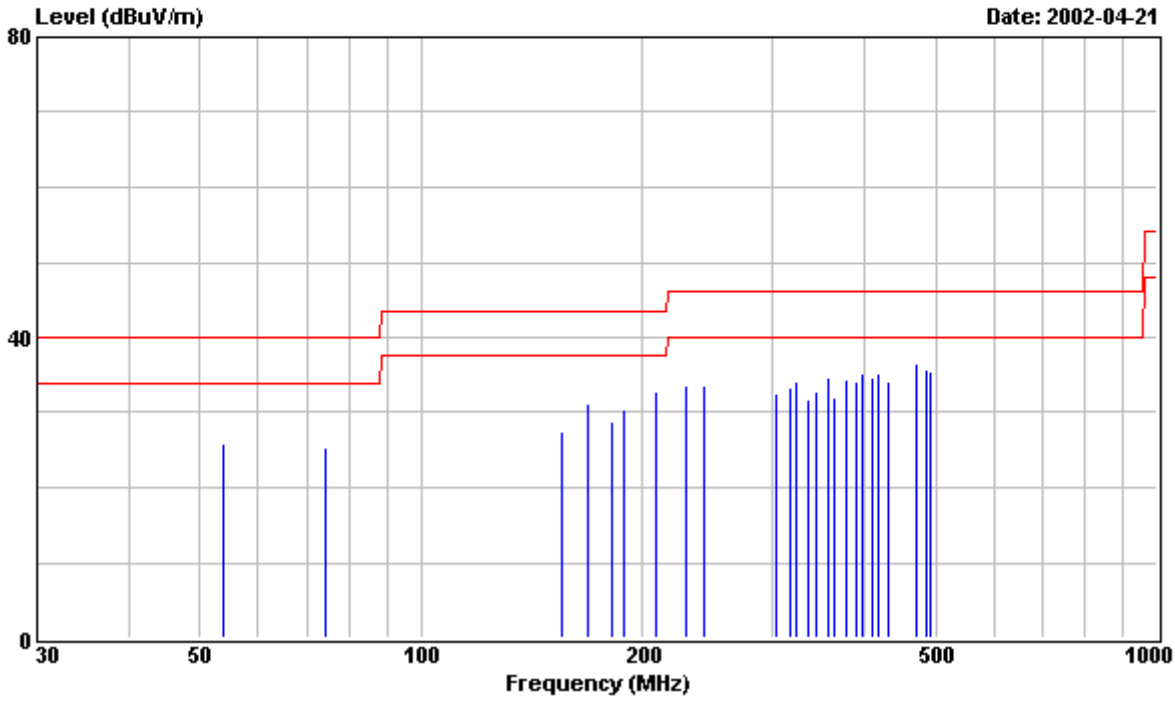
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 2 File#: C:\Program Files\e3\EMI02-016-R.emi



Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR VERTICAL
EUT : PHILIPS 107T40 Serial No:TY0205199
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1024X768/85Hz 68.7KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel VERTICAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
53.860	15.40	---	40.00	10.44	25.84	-14.16
74.070	15.10	---	40.00	10.17	25.27	-14.73
154.870	13.90	---	43.50	13.55	27.45	-16.05
168.340	17.20	---	43.50	13.93	31.13	-12.37
181.800	14.20	---	43.50	14.59	28.79	-14.71
188.530	15.20	---	43.50	15.22	30.42	-13.08
208.760	15.80	---	43.50	17.09	32.89	-10.61
228.950	14.70	---	46.00	18.86	33.56	-12.44
242.420	13.60	---	46.00	19.91	33.51	-12.49
303.030	16.10	---	46.00	16.55	32.65	-13.35
316.490	16.50	---	46.00	16.83	33.33	-12.67
323.230	17.10	---	46.00	16.97	34.07	-11.93
336.690	14.50	---	46.00	17.25	31.75	-14.25
343.430	15.30	---	46.00	17.37	32.67	-13.33
356.890	17.00	---	46.00	17.63	34.63	-11.37

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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No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel VERTICAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
363.620	14.30	---	46.00	17.74	32.04	-13.96
377.080	16.50	---	46.00	18.00	34.50	-11.50
390.560	16.00	---	46.00	18.24	34.24	-11.76
397.290	16.90	---	46.00	18.35	35.25	-10.75
410.750	16.20	---	46.00	18.54	34.74	-11.26
417.500	16.60	---	46.00	18.65	35.25	-10.75
430.960	15.40	---	46.00	18.83	34.23	-11.77
471.370	17.10	---	46.00	19.37	36.47	-9.53
484.840	16.20	---	46.00	19.53	35.73	-10.27
491.580	15.90	---	46.00	19.60	35.50	-10.50

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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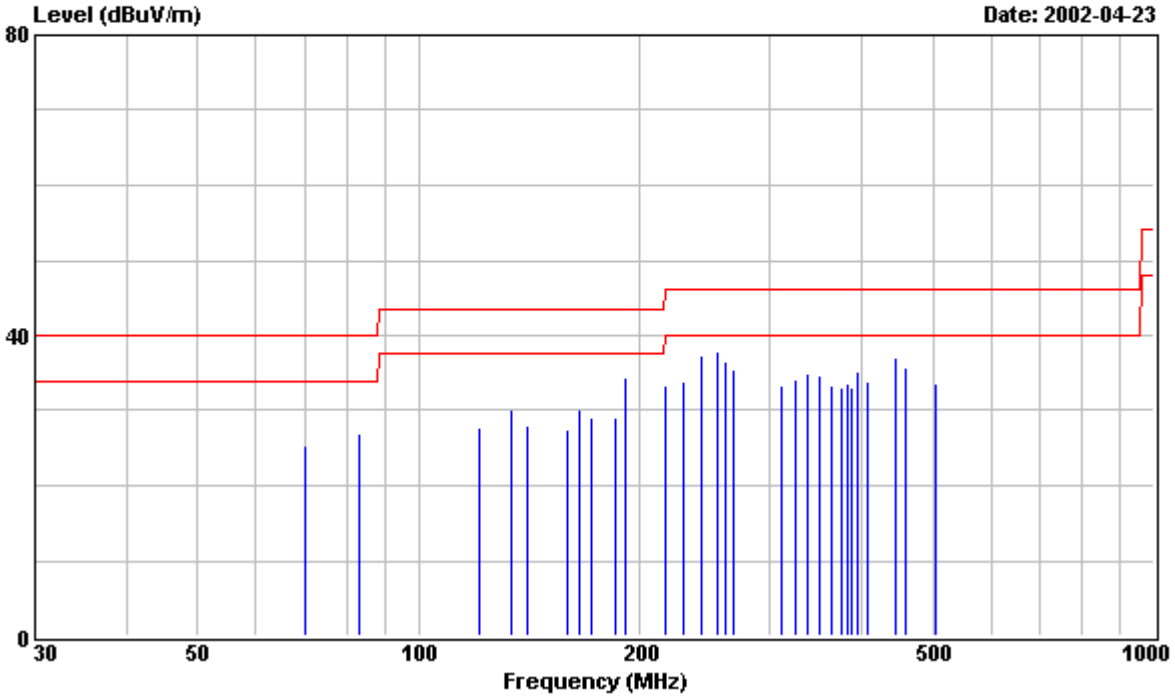
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Data#: 3 File#: C:\Program Files\e3\EMI02-016-R.emi



Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR HORIZONTAL
EUT : PHILIPS 107T40 Serial No:TY0205199
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1280X1024/60Hz 64KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel HORIZONTAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
70.070	15.30	---	40.00	10.00	25.30	-14.70
82.830	16.40	---	40.00	10.55	26.95	-13.05
121.050	15.30	---	43.50	12.41	27.71	-15.79
133.780	17.30	---	43.50	12.83	30.13	-13.37
140.150	14.90	---	43.50	13.08	27.98	-15.52
159.260	13.90	---	43.50	13.68	27.58	-15.92
165.640	16.30	---	43.50	13.85	30.15	-13.35
172.000	15.00	---	43.50	14.02	29.02	-14.48
184.740	14.10	---	43.50	14.84	28.94	-14.56
191.110	18.80	---	43.50	15.48	34.28	-9.22
216.600	15.50	---	46.00	17.81	33.31	-12.69
229.340	15.10	---	46.00	18.86	33.96	-12.04
242.080	17.60	---	46.00	19.84	37.44	-8.56
254.820	17.10	---	46.00	20.76	37.86	-8.14
261.180	15.30	---	46.00	21.12	36.42	-9.58

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
Philips Electronics Industries (Taiwan)., Ltd.
No.5, Tze Chiang 1 Road, Chungli Inductrial Park,
Chungli, Taiwan, R.O.C.
Tel:+886-3-4549862 Fax:+886-3-4549887

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel HORIZONTAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
267.550	14.10	---	46.00	21.49	35.59	-10.41
312.150	16.70	---	46.00	16.73	33.43	-12.57
324.890	17.20	---	46.00	16.99	34.19	-11.81
337.630	17.70	---	46.00	17.25	34.95	-11.05
350.370	17.10	---	46.00	17.51	34.61	-11.39
363.110	15.50	---	46.00	17.74	33.24	-12.76
375.850	15.20	---	46.00	17.98	33.18	-12.82
382.220	15.40	---	46.00	18.10	33.50	-12.50
388.590	14.80	---	46.00	18.19	32.99	-13.01
394.960	17.00	---	46.00	18.31	35.31	-10.69
407.700	15.40	---	46.00	18.50	33.90	-12.10
445.920	18.00	---	46.00	19.04	37.04	-8.96
458.660	16.40	---	46.00	19.20	35.60	-10.40
503.250	13.90	---	46.00	19.76	33.66	-12.34

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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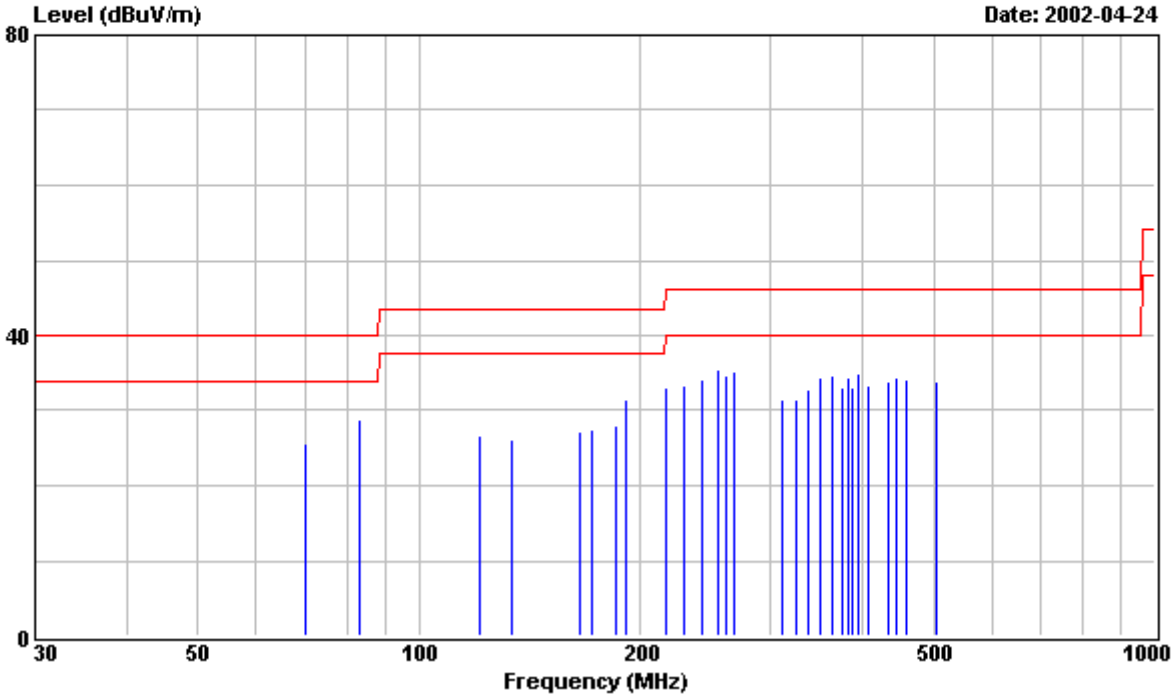
Data#: 4 File#: C:\Program Files\e3\EMI02-016-R.emi



Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR VERTICAL
EUT : PHILIPS 107T40 Serial No:TY0205199
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 1280X1024/60Hz 64KHz MODE WITH S3
: Trio 3D/2X VIDEO CARD WAS TESTED.

Frequency	Peak Reading	QP reading	Limit	Factor	Emission Lavel VERTICAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
70.070	15.70	---	40.00	10.00	25.70	-14.30
82.830	18.20	---	40.00	10.55	28.75	-11.25
121.050	14.20	---	43.50	12.41	26.61	-16.89
133.780	13.20	---	43.50	12.83	26.03	-17.47
165.640	13.30	---	43.50	13.85	27.15	-16.35
172.000	13.50	---	43.50	14.02	27.52	-15.98
184.740	13.20	---	43.50	14.84	28.04	-15.46
191.110	15.90	---	43.50	15.48	31.38	-12.12
216.600	15.20	---	46.00	17.81	33.01	-12.99
229.340	14.40	---	46.00	18.86	33.26	-12.74
242.080	14.20	---	46.00	19.84	34.04	-11.96
254.820	14.60	---	46.00	20.76	35.36	-10.64
261.180	13.50	---	46.00	21.12	34.62	-11.38
267.550	13.80	---	46.00	21.49	35.29	-10.71
312.150	14.70	---	46.00	16.73	31.43	-14.57

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 VERTICAL	Over Limit
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m
324.890	14.40	---	46.00	16.99	31.39	-14.61
337.630	15.60	---	46.00	17.25	32.85	-13.15
350.370	16.90	---	46.00	17.51	34.41	-11.59
363.110	17.00	---	46.00	17.74	34.74	-11.26
375.850	15.20	---	46.00	17.98	33.18	-12.82
382.220	16.30	---	46.00	18.10	34.40	-11.60
388.590	15.00	---	46.00	18.19	33.19	-12.81
394.960	16.50	---	46.00	18.31	34.81	-11.19
407.700	14.70	---	46.00	18.50	33.20	-12.80
433.180	15.10	---	46.00	18.85	33.95	-12.05
445.920	15.40	---	46.00	19.04	34.44	-11.56
458.660	14.90	---	46.00	19.20	34.10	-11.90
503.250	14.20	---	46.00	19.76	33.96	-12.04

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