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.: TYR87-2055 Date : 05 September, 2003 Page : Page 1 of 38

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. : A3KM124
Model Name : LXH-P796F
Serial Number : TY0304275
Description : 17" SXGA color monitor, Max. resolution 1600x1200/75Hz

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 Aug. 2003

Date of performance of test : 28 Aug., 2003 to 29 Aug., 2003

C.C. Wu - EMC Test Engineer

Ronnie Yang - EMC Manager

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. : LXH-P796F
FCC ID : A3KM124
Brand : lenovo

The color monitor automatically scans horizontal frequencies between 30KHz and 96KHz , and vertical frequencies between 48Hz and 160Hz. This color monitor displays sharp and brilliant images of text and graphics with a maximum resolution up to 1600x1200 pixels.

The monitor has 10 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	53.674 KHz	85Hz (VESA)	+	+
6.	1024 x 768	60.0 KHz	75Hz (VESA)	+	+
7.	1024 x 768	68.7 KHz	85Hz (VESA)	+	+
8.	1280 x 1024	79.976 KHz	75Hz (VESA)	+	+
9.	1280 x 1024	91.146 KHz	85Hz (VESA)	+	+
10.	1600 x 1200	93.8 KHz	75Hz	+	+

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	02/27/2003	02/27/2004
EMI Receiver	R & S ESVS30	841977/006	02/27/2003	02/27/2004
LISN	EMCO 3825/2	9311-2153	06/16/2003	06/16/2004
LISN	EMCO 3825/2	9311-2154	06/16/2003	06/16/2004
RF Cable	8-meter	N/A	09/15-2002	09/15/2003

- For Radiated Emissions Test:

Test Equipment	Model No.	Serial No.	Last Calibrate	Next Calibrate
Spectrum	HP8568B	2928A04640	09/02/2002	09/02/2003
RF Preselector	HP85685A	2620A00338	09/02/2002	09/02/2003
QP Adapter	HP85650A	2811A01324	09/02/2002	09/02/2003
EMI Receiver	R & S ESVS30	841977/006	02/27/2003	02/27/2004
Biconical Antenna	EMCO 3110B	3224	09/19/2002	09/19/2003
Log-Periodic Antenna	EMCO 3146A	1425	09/19/2002	09/19/2003
Turn Table	EMCO 1060	1068	09/15/2002	09/15/2003
Antenna Tower	EMCO 1050	1113	09/15/2002	09/15/2003
RF Cable	M17/75-RG214-NE	N/A	09/15/2002	09/15/2003

4. Test Configuration of EUT and Peripherals

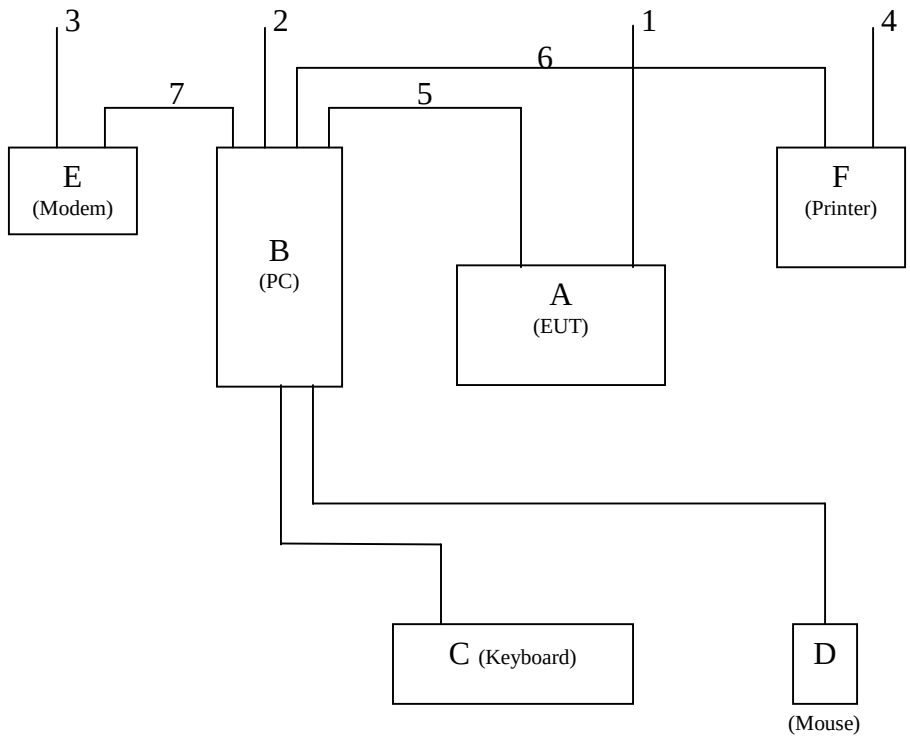
The system was configured for testing in a typical fashion (as a customer would normally use it) according to ANSI C63.4-1992, please see the photographs for detail. For system measurement, the EUT "LXH-P796F" were connected to:

	Description	Brand/ Model No.	Serial No.	FCC ID	Remark
A	Monitor	lenovo LXH-P796F	TY0304275	A3KM124	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 3 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	EMI03-036-C	1600x1200	93.8KHz/75Hz	D-sub
		1280x1024	91.1KHz/85Hz	D-sub
Radiated	EMI03-036-R	1600x1200	93.8KHz/75Hz	D-sub
		1280x1024	91.1KHz/85Hz	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	: 28 Aug., 2003 to 29 Aug., 2003
Test Engineer	: C.C.Wu

For detail measurement results see next pages.

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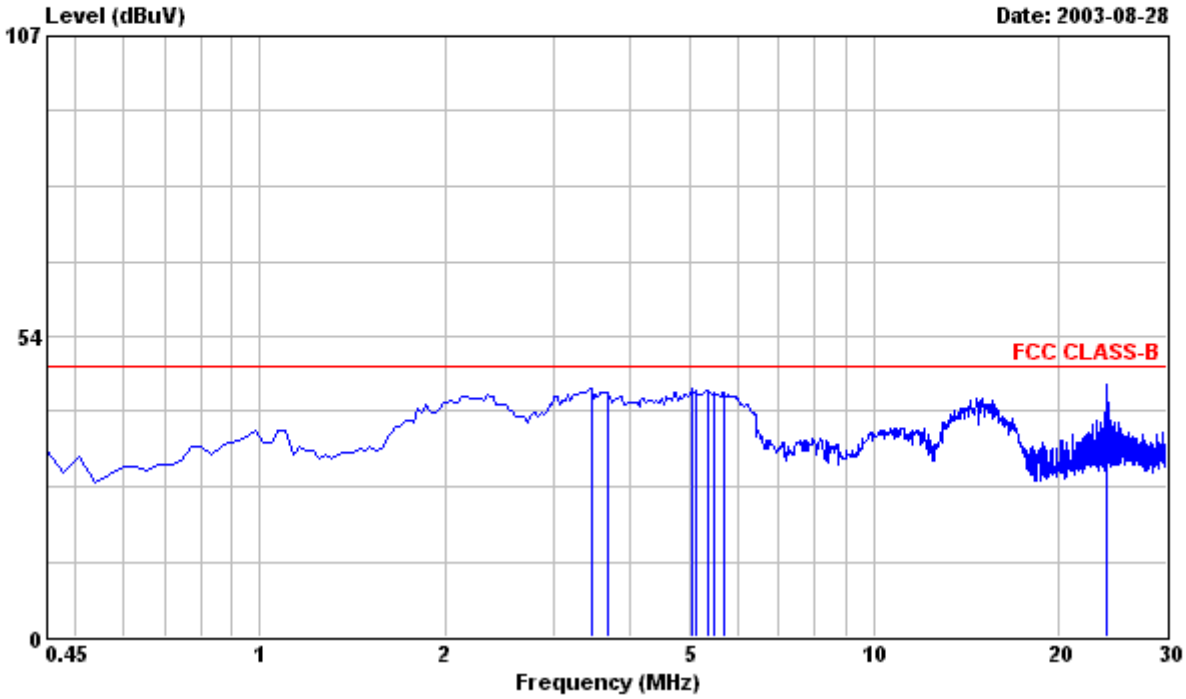

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : LEGEND LXH-P796F Serial No:TY0304275
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 2ND MODEL LPD TUBE,RUN IBM V1.8
: FONT 18 ARIAL "H" PATTERN.
: 3. 1600x1200/75Hz 93.8KHz MODE WITH
: COMPAQ ENC/P866/20E/8/128A TAI PC,
: NVIDIA GF4 MX440 VIDEO CAR WAS
: TESTED.

Frequency	Peak Reading	QP Reading	Limit LINE	Factor	Emission Lavel	Over Limit	Remark
3.464	43.80	---	48.00	0.40	44.20	-3.80	Peak
3.701	43.10	---	48.00	0.40	43.50	-4.50	Peak
5.060	43.90	---	48.00	0.31	44.21	-3.79	Peak
5.119	43.40	---	48.00	0.31	43.71	-4.29	Peak
5.355	43.50	---	48.00	0.34	43.84	-4.16	Peak
5.474	43.30	---	48.00	0.35	43.65	-4.35	Peak
5.710	43.10	---	48.00	0.37	43.47	-4.53	Peak
23.972	43.90	---	48.00	0.88	44.78	-3.22	Peak

Remarks: 1. All Readings are Peak & Quasi-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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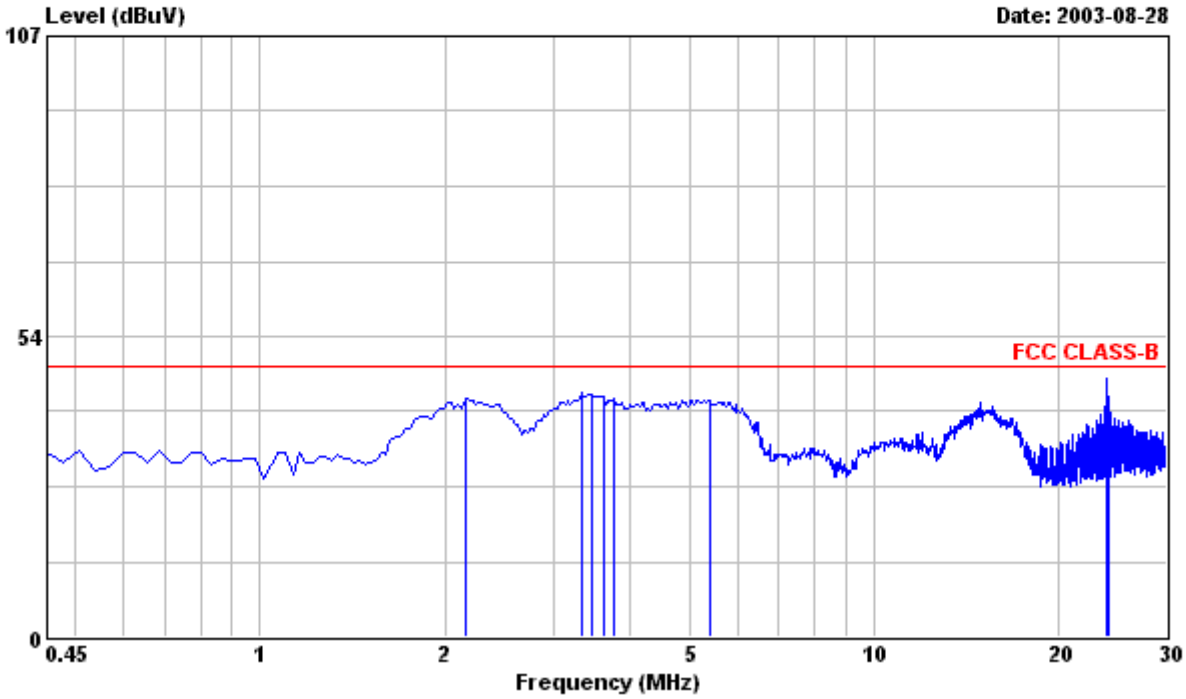

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : LEGEND LXH-P796F Serial No:TY0304275
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 2ND MODEL LPD TUBE,RUN IBM V1.8
: FONT 18 ARIAL "H" PATTERN.
: 3. 1600x1200/75Hz 93.8KHz MODE WITH
: COMPAQ ENC/P866/20E/8/128A TAI PC,
: NVIDIA GF4 MX440 VIDEO CAR WAS
: TESTED.

Frequency	Peak Reading	QP Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit	Remark
2.164	42.10	---	48.00	0.40	42.50	-5.50	Peak
3.346	43.20	---	48.00	0.40	43.60	-4.40	Peak
3.464	42.80	---	48.00	0.40	43.20	-4.80	Peak
3.641	42.40	---	48.00	0.40	42.80	-5.20	Peak
3.760	42.00	---	48.00	0.40	42.40	-5.60	Peak
5.414	41.80	---	48.00	0.34	42.14	-5.86	Peak
23.972	45.00	---	48.00	0.98	45.98	-2.02	Peak
24.090	41.80	---	48.00	0.98	42.78	-5.22	Peak

Remarks: 1. All Readings are Peak & Quasi-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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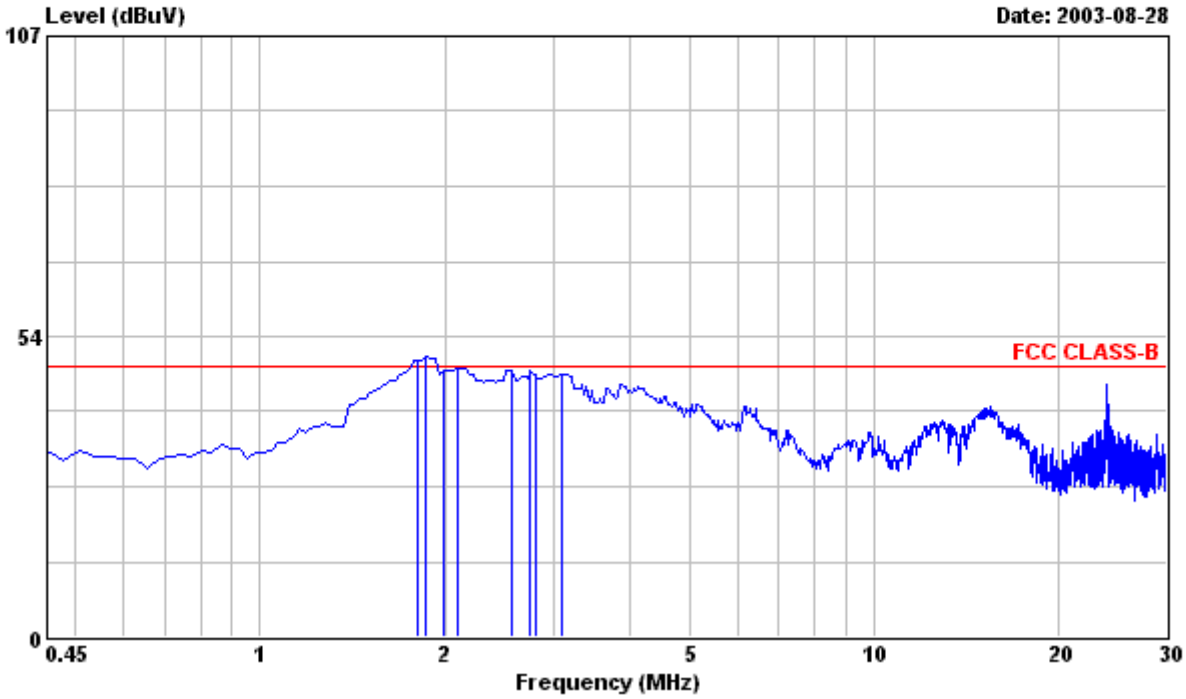

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : LEGEND LXH-P796F Serial No:TY0304275
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 2ND MODEL LPD TUBE,RUN IBM V1.8
: FONT 18 ARIAL "H" PATTERN.
: 3. 1600x1200/75Hz 93.8KHz MODE WITH
: COMPAQ ENC/P866/20E/8/128A TAI PC,
: NVIDIA GF4 MX440 VIDEO CAR WAS
: TESTED.

Frequency	Peak Reading	QP Reading	Limit Line	Factor	Emission Lavel	Over Limit	Remark
1.809	---	43.60	48.00	0.40	44.00	-4.00	QP
1.809	48.80	---	48.00	0.40	49.20	1.20	Peak
1.868	---	44.17	48.00	0.40	44.57	-3.43	QP
1.868	49.40	---	48.00	0.40	49.80	1.80	Peak
1.987	47.20	---	48.00	0.40	47.60	-0.40	Peak
1.987	---	41.69	48.00	0.40	42.09	-5.91	QP
2.105	47.40	---	48.00	0.40	47.80	-0.20	Peak
2.105	---	41.74	48.00	0.40	42.14	-5.86	QP
2.578	46.90	---	48.00	0.40	47.30	-0.70	Peak
2.578	---	41.61	48.00	0.40	42.01	-5.99	QP
2.755	46.90	---	48.00	0.40	47.30	-0.70	Peak

Remarks: 1. All Readings are Peak & Quasi-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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Frequency	Peak Reading	QP Reading	Limit LINE	Factor	Emission Lavel	Over Limit	Remark
2.755	---	41.64	48.00	0.40	42.04	-5.96	QP
2.814	46.40	---	48.00	0.40	46.80	-1.20	Peak
3.110	46.50	---	48.00	0.40	46.90	-1.10	Peak

Remarks: 1. All Readings are Peak & Quasi-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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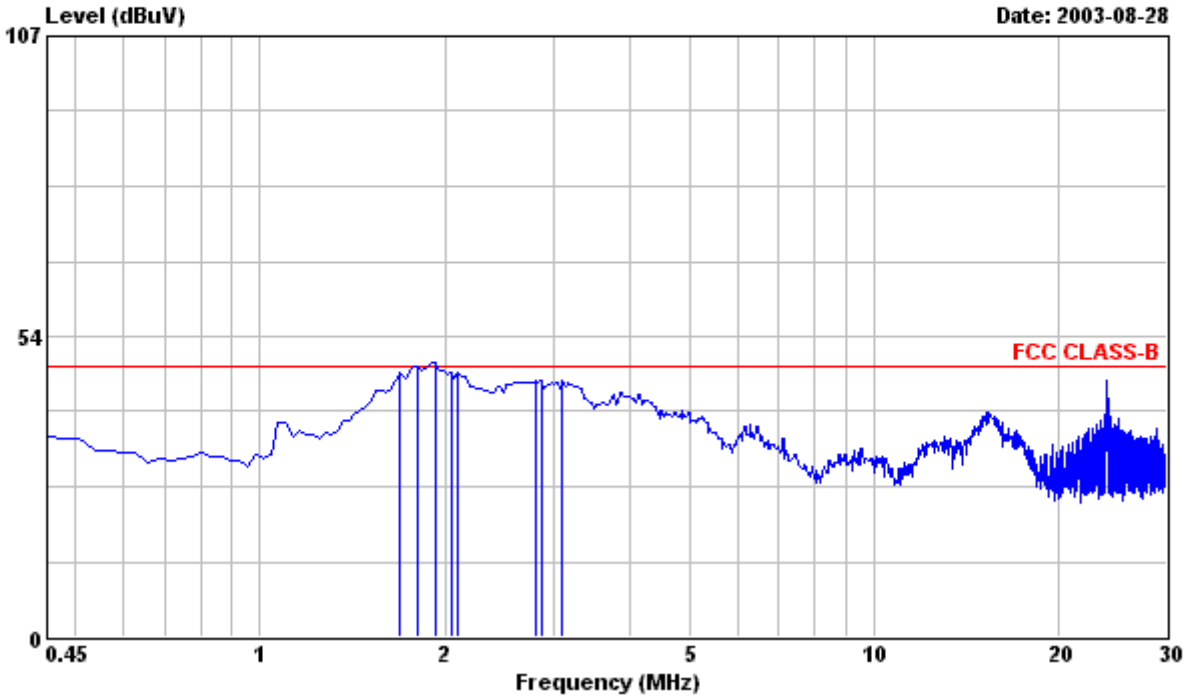

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : LEGEND LXH-P796F Serial No:TY0304275
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 2ND MODEL LPD TUBE,RUN IBM V1.8
: FONT 18 ARIAL "H" PATTERN.
: 3. 1600x1200/75Hz 93.8KHz MODE WITH
: COMPAQ ENC/P866/20E/8/128A TAI PC,
: NVIDIA GF4 MX440 VIDEO CAR WAS
: TESTED.

Frequency	Peak Reading	QP Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit	Remark
1.691	46.60	---	48.00	0.40	47.00	-1.00	Peak
1.809	---	42.22	48.00	0.40	42.62	-5.38	QP
1.809	47.70	---	48.00	0.40	48.10	0.10	Peak
1.928	48.30	---	48.00	0.40	48.70	0.70	Peak
1.928	---	42.77	48.00	0.40	43.17	-4.83	QP
2.046	46.70	---	48.00	0.40	47.10	-0.90	Peak
2.046	---	41.47	48.00	0.40	41.87	-6.13	QP
2.105	46.60	---	48.00	0.40	47.00	-1.00	Peak
2.814	45.40	---	48.00	0.40	45.80	-2.20	Peak
2.873	45.40	---	48.00	0.40	45.80	-2.20	Peak
3.110	45.10	---	48.00	0.40	45.50	-2.50	Peak

Remarks: 1. All Readings are Peak & Quasi-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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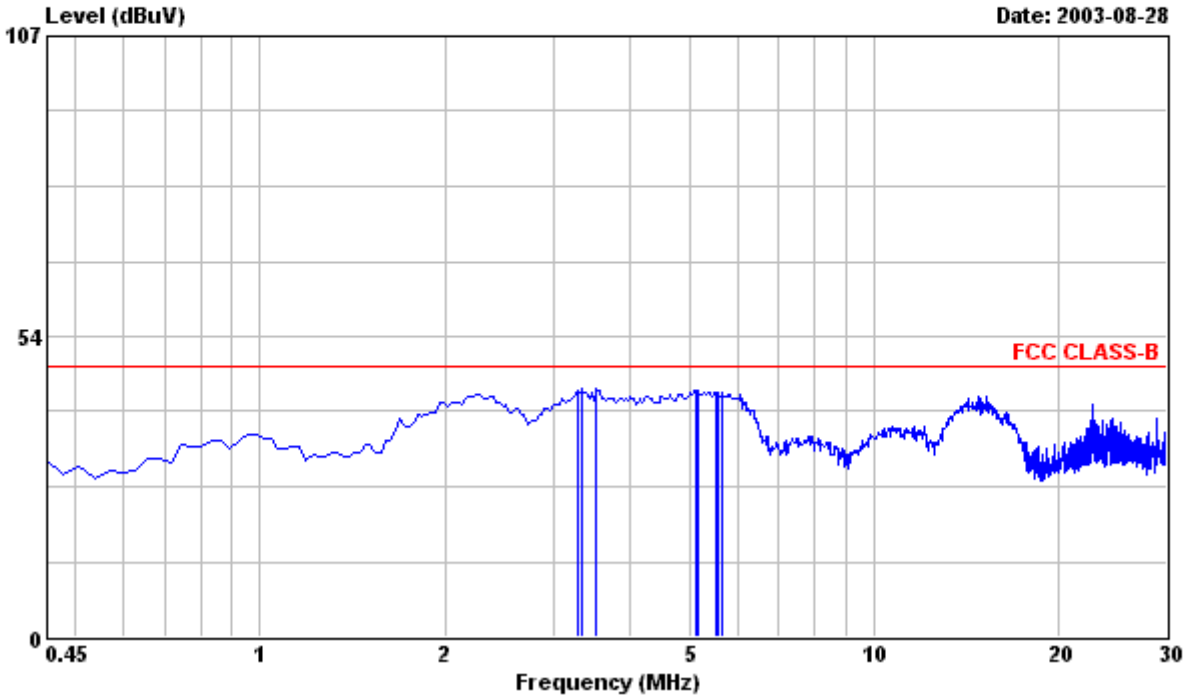

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : LEGEND LXH-P796F Serial No:TY0304275
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 2ND MODEL LPD TUBE,RUN IBM V1.8
: FONT 16 ARIAL "H" PATTERN.
: 3. 1280x1024/85Hz 91.1KHz MODE WITH
: COMPAQ ENC/P866/20E/8/128A TAI PC,
: NVIDIA GF4 MX440 VIDEO CAR WAS
: TESTED.

Frequency	Peak Reading	QP Reading	Limit	Factor	Emission Lavel	Over Limit	Remark
					LINE		
3.287	43.40	---	48.00	0.40	43.80	-4.20	Peak
3.346	43.80	---	48.00	0.40	44.20	-3.80	Peak
3.523	43.70	---	48.00	0.40	44.10	-3.90	Peak
5.119	43.40	---	48.00	0.31	43.71	-4.29	Peak
5.178	43.40	---	48.00	0.32	43.72	-4.28	Peak
5.533	43.30	---	48.00	0.35	43.65	-4.35	Peak
5.592	43.20	---	48.00	0.36	43.56	-4.44	Peak
5.651	43.20	---	48.00	0.37	43.57	-4.43	Peak

Remarks: 1. All Readings are Peak & Quasi-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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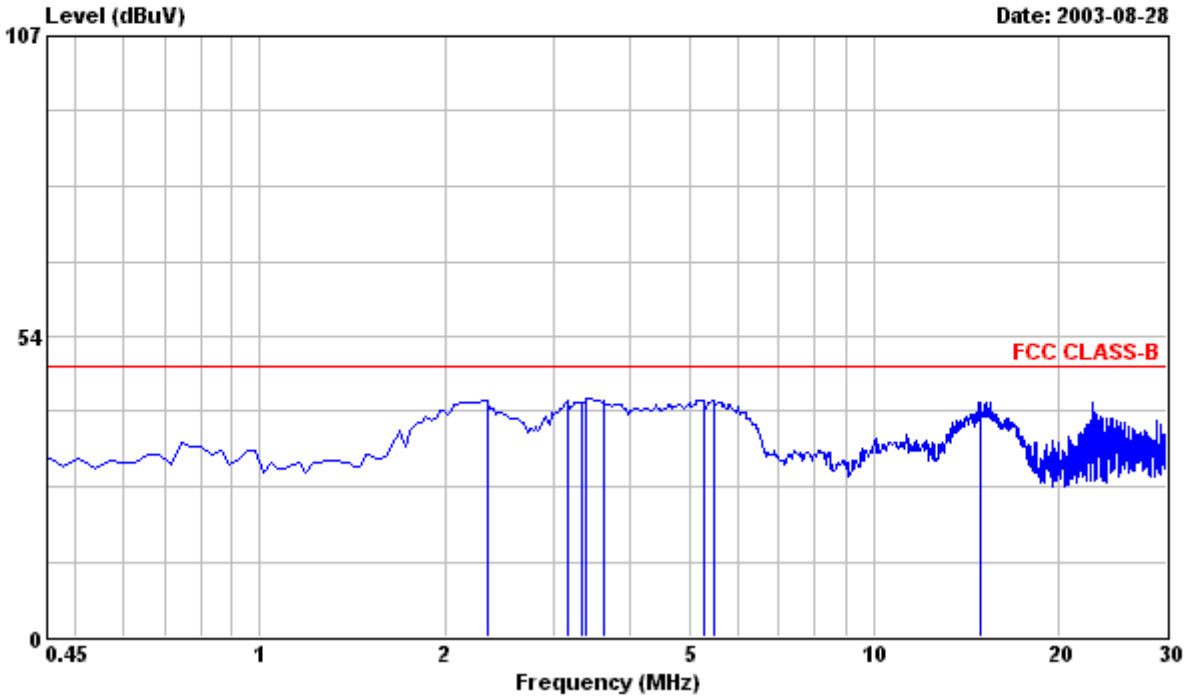

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : LEGEND LXH-P796F Serial No:TY0304275
Power : 120VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 2ND MODEL LPD TUBE,RUN IBM V1.8
: FONT 16 ARIAL "H" PATTERN.
: 3. 1280x1024/85Hz 91.1KHz MODE WITH
: COMPAQ ENC/P866/20E/8/128A TAI PC,
: NVIDIA GF4 MX440 VIDEO CAR WAS
: TESTED.

Frequency	Peak Reading	QP Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit	Remark
2.341	41.60	---	48.00	0.40	42.00	-6.00	Peak
3.169	41.80	---	48.00	0.40	42.20	-5.80	Peak
3.346	41.50	---	48.00	0.40	41.90	-6.10	Peak
3.405	42.20	---	48.00	0.40	42.60	-5.40	Peak
3.641	41.80	---	48.00	0.40	42.20	-5.80	Peak
5.296	41.80	---	48.00	0.33	42.13	-5.87	Peak
5.474	41.70	---	48.00	0.35	42.05	-5.95	Peak
14.870	41.20	---	48.00	0.70	41.90	-6.10	Peak

Remarks: 1. All Readings are Peak & Quasi-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.
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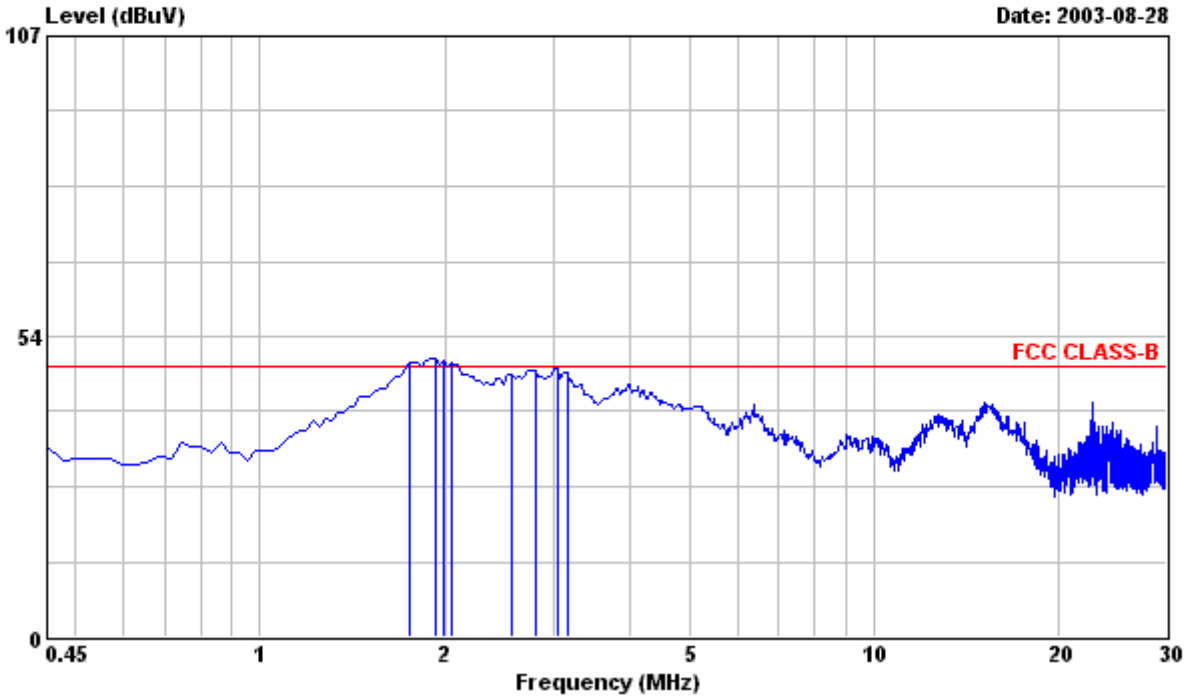

Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L1 LINE
EUT : LEGEND LXH-P796F Serial No:TY0304275
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 2ND MODEL LPD TUBE,RUN IBM V1.8
: FONT 16 ARIAL "H" PATTERN.
: 3. 1280x1024/85Hz 91.1KHz MODE WITH
: COMPAQ ENC/P866/20E/8/128A TAI PC,
: NVIDIA GF4 MX440 VIDEO CAR WAS
: TESTED.

Frequency	Peak Reading	QP Reading	Limit LINE	Factor	Emission Lavel	Over Limit	Remark
1.750	---	43.54	48.00	0.40	43.94	-4.06	QP
1.750	48.60	---	48.00	0.40	49.00	1.00	Peak
1.928	49.20	---	48.00	0.40	49.60	1.60	Peak
1.928	---	44.14	48.00	0.40	44.54	-3.46	QP
1.987	48.90	---	48.00	0.40	49.30	1.30	Peak
1.987	---	43.72	48.00	0.40	44.12	-3.88	QP
2.046	48.40	---	48.00	0.40	48.80	0.80	Peak
2.046	---	43.21	48.00	0.40	43.61	-4.39	QP
2.578	46.20	---	48.00	0.40	46.60	-1.40	Peak
2.814	---	41.72	48.00	0.40	42.12	-5.88	QP
2.814	47.20	---	48.00	0.40	47.60	-0.40	Peak

Remarks: 1. All Readings are Peak & Quasi-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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Frequency	Peak Reading	QP Reading	Limit Line	Factor	Emission Lavel	Over Limit	Remark
3.050	---	41.75	48.00	0.40	42.15	-5.85	QP
3.050	47.40	---	48.00	0.40	47.80	-0.20	Peak
3.169	46.60	---	48.00	0.40	47.00	-1.00	Peak

Remarks: 1. All Readings are Peak & Quasi-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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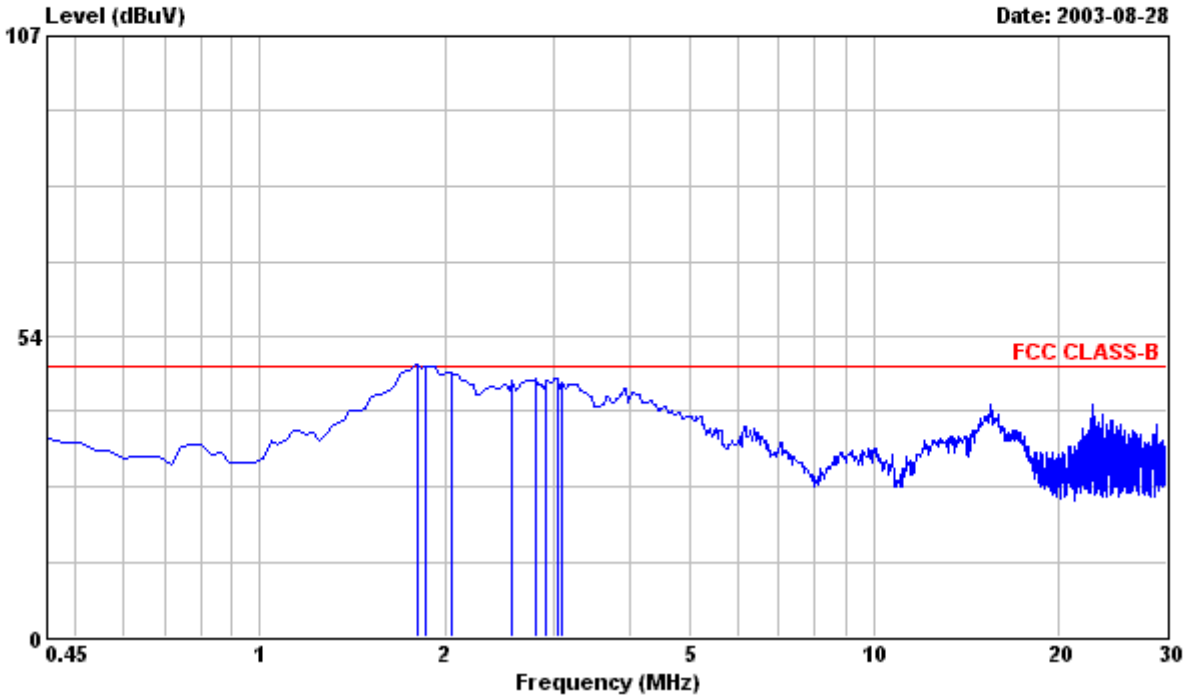
Data#: 8 File#: C:\Program Files\e3\EMI03-036-C(Legend LXH-P796F).emi



Site : PHILIPS EMI Shielding Room
Condition : FCC CLASS-B FCC_LCI_L2 NEUTRAL
EUT : LEGEND LXH-P796F Serial No:TY0304275
Power : 220VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 2ND MODEL LPD TUBE,RUN IBM V1.8
: FONT 16 ARIAL "H" PATTERN.
: 3. 1280x1024/85Hz 91.1KHz MODE WITH
: COMPAQ ENC/P866/20E/8/128A TAI PC,
: NVIDIA GF4 MX440 VIDEO CAR WAS
: TESTED.

Frequency	Peak Reading	QP Reading	Limit	Factor	Emission Lavel NEUTRAL	Over Limit	Remark
1.809	---	43.05	48.00	0.40	43.45	-4.55	QP
1.809	48.20	---	48.00	0.40	48.60	0.60	Peak
1.868	---	42.73	48.00	0.40	43.13	-4.87	QP
1.868	47.90	---	48.00	0.40	48.30	0.30	Peak
2.046	46.70	---	48.00	0.40	47.10	-0.90	Peak
2.046	---	41.49	48.00	0.40	41.89	-6.11	QP
2.578	45.40	---	48.00	0.40	45.80	-2.20	Peak
2.814	45.60	---	48.00	0.40	46.00	-2.00	Peak
2.932	45.20	---	48.00	0.40	45.60	-2.40	Peak
3.050	45.60	---	48.00	0.40	46.00	-2.00	Peak
3.110	45.00	---	48.00	0.40	45.40	-2.60	Peak

Remarks: 1. All Readings are Peak & Quasi-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
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	: 28 Aug., 2003 to 29 Aug., 2003
Test Engineer	: C.C.Wu

For detail measurement results see next pages.

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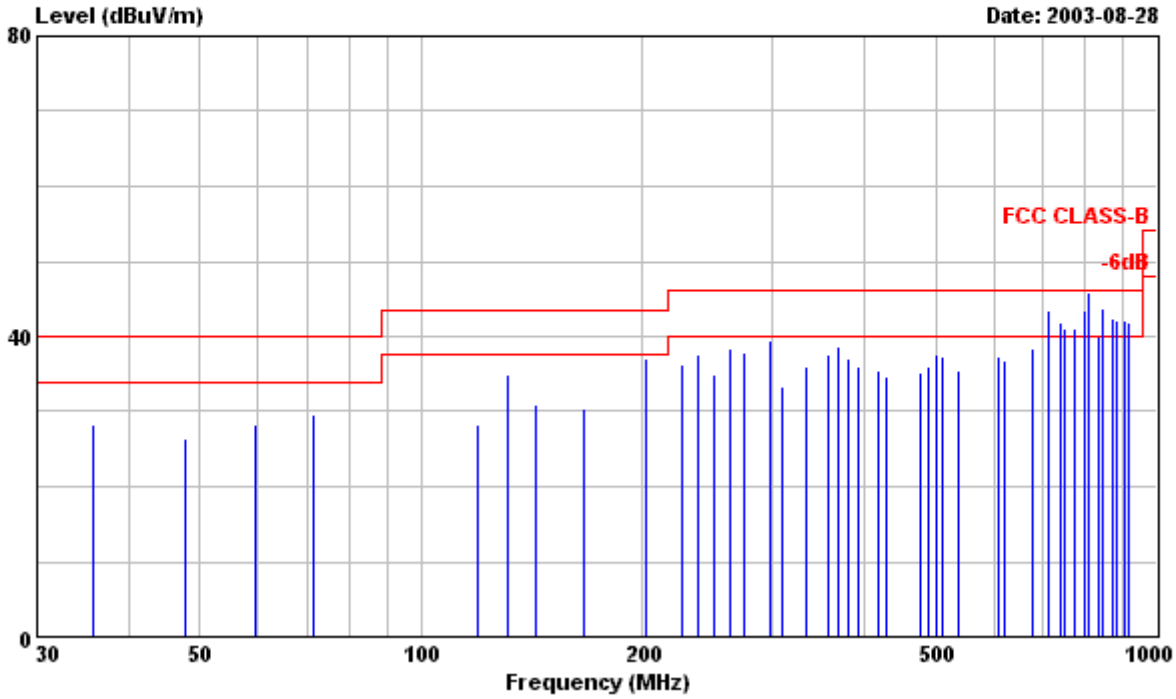
Data#: 1 File#: C:\Program Files\e3\EMI03-036-R.emi



Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR HORIZONTAL
EUT : LEGEND LXH-P796F Serial No:TY0304275
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 2ND MODEL LPD TUBE,RUN IBM V1.8
: FONT 18 ARIAL "H" PATTERN.
: 3. 1600x1200/75Hz 93.8KHz MODE WITH
: COMPAQ ENC/P866/20E/8/128A TAI PC,
: NVIDIA GF4 MX440 VIDEO CAR 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	
35.740	14.90	---	40.00	13.28	28.18	-11.82	Peak
47.650	15.30	---	40.00	11.13	26.43	-13.57	Peak
59.560	18.20	---	40.00	9.93	28.13	-11.87	Peak
71.500	19.60	---	40.00	10.06	29.66	-10.34	Peak
119.140	15.90	---	43.50	12.34	28.24	-15.26	Peak
131.050	22.30	---	43.50	12.73	35.03	-8.47	Peak
142.960	17.81	---	43.50	13.16	30.97	-12.53	Peak
166.780	16.60	---	43.50	13.88	30.48	-13.02	Peak
202.520	20.40	---	43.50	16.56	36.96	-6.54	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
226.340	17.60	---	46.00	18.60	36.20	-9.80	Peak
238.240	17.90	---	46.00	19.58	37.48	-8.52	Peak
250.150	14.50	---	46.00	20.50	35.00	-11.00	Peak
262.070	17.30	---	46.00	21.17	38.47	-7.53	Peak
273.980	15.90	---	46.00	21.85	37.75	-8.25	Peak
297.800	16.40	---	46.00	23.10	39.50	-6.50	Peak
309.710	16.60	---	46.00	16.69	33.29	-12.71	Peak
333.540	18.70	---	46.00	17.18	35.88	-10.12	Peak
357.370	20.00	---	46.00	17.65	37.65	-8.35	Peak
369.290	20.80	---	46.00	17.86	38.66	-7.34	Peak
381.210	19.10	---	46.00	18.07	37.17	-8.83	Peak
393.120	17.70	---	46.00	18.28	35.98	-10.02	Peak
416.930	16.70	---	46.00	18.65	35.35	-10.65	Peak
428.840	15.90	---	46.00	18.81	34.71	-11.29	Peak
476.480	15.80	---	46.00	19.43	35.23	-10.77	Peak
488.390	16.30	---	46.00	19.58	35.88	-10.12	Peak
500.320	17.90	---	46.00	19.73	37.63	-8.37	Peak
512.230	17.50	---	46.00	19.90	37.40	-8.60	Peak
536.050	15.20	---	46.00	20.28	35.48	-10.52	Peak
607.520	15.90	---	46.00	21.41	37.31	-8.69	Peak
619.430	15.00	---	46.00	21.67	36.67	-9.33	Peak
678.980	15.20	---	46.00	23.08	38.28	-7.72	Peak
! 714.730	19.70	---	46.00	23.71	43.41	-2.59	Peak
! 714.730	---	17.15	46.00	23.71	40.86	-5.14	QP
! 738.550	17.70	---	46.00	24.05	41.75	-4.25	Peak
738.550	---	15.38	46.00	24.05	39.43	-6.57	QP
750.470	---	14.35	46.00	24.18	38.53	-7.47	QP
! 750.470	17.00	---	46.00	24.18	41.18	-4.82	Peak
! 774.310	16.70	---	46.00	24.49	41.19	-4.81	Peak
774.310	---	14.10	46.00	24.49	38.59	-7.41	QP
! 798.120	18.80	---	46.00	24.80	43.60	-2.40	Peak
! 798.120	---	15.98	46.00	24.80	40.78	-5.22	QP
! 810.030	21.00	---	46.00	24.98	45.98	-0.02	Peak
! 810.030	---	18.54	46.00	24.98	43.52	-2.48	QP
833.850	14.60	---	46.00	25.33	39.93	-6.07	Peak
! 845.760	18.20	---	46.00	25.51	43.71	-2.29	Peak
! 845.760	---	15.66	46.00	25.51	41.17	-4.83	QP
869.580	---	13.15	46.00	25.86	39.01	-6.99	QP
! 869.580	16.60	---	46.00	25.86	42.46	-3.54	Peak
881.490	---	12.73	46.00	26.04	38.77	-7.23	QP
! 881.490	16.00	---	46.00	26.04	42.04	-3.96	Peak
! 905.310	15.70	---	46.00	26.39	42.09	-3.91	Peak
905.310	---	12.42	46.00	26.39	38.81	-7.19	QP
! 917.230	15.30	---	46.00	26.52	41.82	-4.18	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 HORIZONTAL	Over Limit	Remark
MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
917.230	---	11.68	46.00	26.52	38.20	-7.80	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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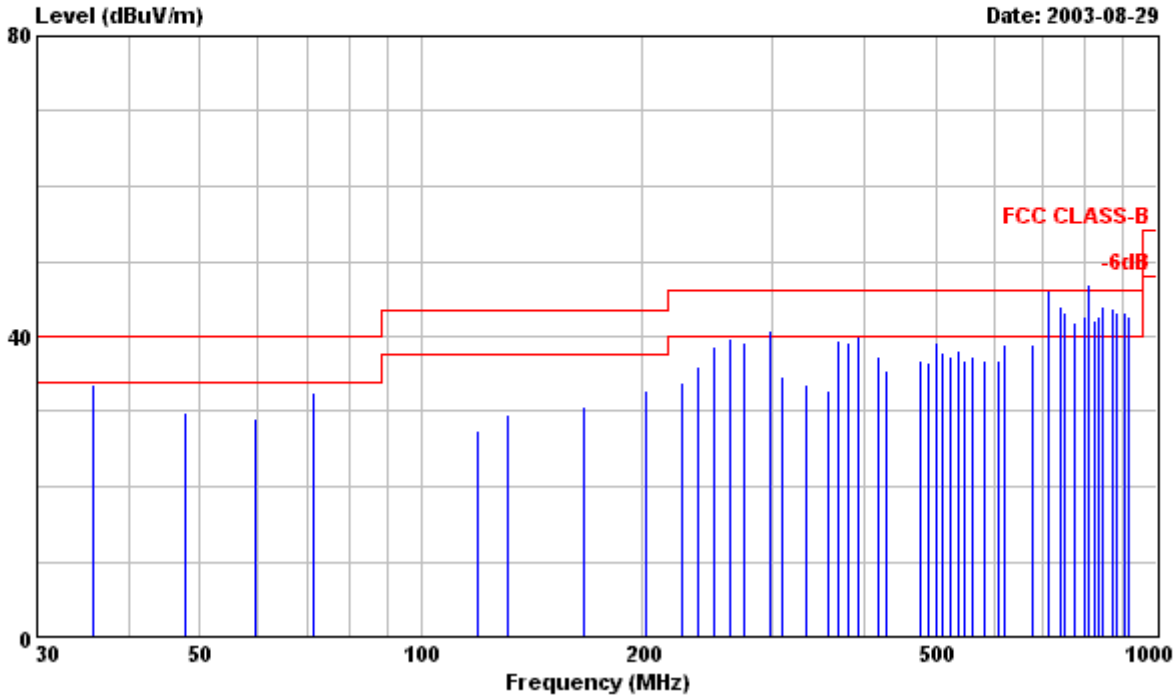

Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR VERTICAL
EUT : LEGEND LXH-P796F Serial No:TY0304275
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 2ND MODEL LPD TUBE,RUN IBM V1.8
: FONT 18 ARIAL "H" PATTERN.
: 3. 1600x1200/75Hz 93.8KHz MODE WITH
: COMPAQ ENC/P866/20E/8/128A TAI PC,
: NVIDIA GF4 MX440 VIDEO CAR 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	
35.740	20.40	---	40.00	13.28	33.68	-6.32	Peak
47.650	18.80	---	40.00	11.13	29.93	-10.07	Peak
59.560	19.10	---	40.00	9.93	29.03	-10.97	Peak
71.500	22.40	---	40.00	10.06	32.46	-7.54	Peak
119.140	15.10	---	43.50	12.34	27.44	-16.06	Peak
131.050	16.80	---	43.50	12.73	29.53	-13.97	Peak
166.780	16.90	---	43.50	13.88	30.78	-12.72	Peak
202.520	16.20	---	43.50	16.56	32.76	-10.74	Peak
226.340	15.40	---	46.00	18.60	34.00	-12.00	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	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
						VERTICAL		
	MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
	238.240	16.30	---	46.00	19.58	35.88	-10.12	Peak
	250.150	18.10	---	46.00	20.50	38.60	-7.40	Peak
	262.070	18.60	---	46.00	21.17	39.77	-6.23	Peak
	273.980	17.40	---	46.00	21.85	39.25	-6.75	Peak
	297.800	---	16.16	46.00	23.10	39.26	-6.74	QP
!	297.800	17.60	---	46.00	23.10	40.70	-5.30	Peak
	309.710	18.10	---	46.00	16.69	34.79	-11.21	Peak
	333.540	16.40	---	46.00	17.18	33.58	-12.42	Peak
	357.370	15.10	---	46.00	17.65	32.75	-13.25	Peak
	369.290	21.50	---	46.00	17.86	39.36	-6.64	Peak
	381.210	21.10	---	46.00	18.07	39.17	-6.83	Peak
!	393.120	21.80	---	46.00	18.28	40.08	-5.92	Peak
	393.120	---	20.49	46.00	18.28	38.77	-7.23	QP
	416.930	18.60	---	46.00	18.65	37.25	-8.75	Peak
	428.840	16.70	---	46.00	18.81	35.51	-10.49	Peak
	476.480	17.50	---	46.00	19.43	36.93	-9.07	Peak
	488.390	16.90	---	46.00	19.58	36.48	-9.52	Peak
	500.320	19.40	---	46.00	19.73	39.13	-6.87	Peak
	512.230	18.00	---	46.00	19.90	37.90	-8.10	Peak
	524.150	17.30	---	46.00	20.10	37.40	-8.60	Peak
	536.050	17.80	---	46.00	20.28	38.08	-7.92	Peak
	547.970	16.40	---	46.00	20.45	36.85	-9.15	Peak
	559.880	16.70	---	46.00	20.65	37.35	-8.65	Peak
	583.700	15.70	---	46.00	20.97	36.67	-9.33	Peak
	607.520	15.30	---	46.00	21.41	36.71	-9.29	Peak
	619.430	17.20	---	46.00	21.67	38.87	-7.13	Peak
	678.980	15.90	---	46.00	23.08	38.98	-7.02	Peak
!	714.730	---	20.18	46.00	23.71	43.89	-2.11	QP
X	714.730	22.40	---	46.00	23.71	46.11	0.11	Peak
!	738.550	19.90	---	46.00	24.05	43.95	-2.05	Peak
!	738.550	---	17.62	46.00	24.05	41.67	-4.33	QP
!	750.470	19.10	---	46.00	24.18	43.28	-2.72	Peak
!	750.470	---	16.62	46.00	24.18	40.80	-5.20	QP
	774.310	---	14.80	46.00	24.49	39.29	-6.71	QP
!	774.310	17.40	---	46.00	24.49	41.89	-4.11	Peak
!	798.120	18.00	---	46.00	24.80	42.80	-3.20	Peak
	798.120	---	15.16	46.00	24.80	39.96	-6.04	QP
X	810.030	21.90	---	46.00	24.98	46.88	0.88	Peak
!	810.030	---	19.76	46.00	24.98	44.74	-1.26	QP
!	821.940	17.00	---	46.00	25.15	42.15	-3.85	Peak
	821.940	---	14.33	46.00	25.15	39.48	-6.52	QP
!	833.850	17.40	---	46.00	25.33	42.73	-3.27	Peak
	833.850	---	14.56	46.00	25.33	39.89	-6.11	QP
!	845.760	18.40	---	46.00	25.51	43.91	-2.09	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	
! 845.760	---	15.88	46.00	25.51	41.39	-4.61	QP
! 869.580	17.90	---	46.00	25.86	43.76	-2.24	Peak
! 869.580	---	15.12	46.00	25.86	40.98	-5.02	QP
! 881.490	17.10	---	46.00	26.04	43.14	-2.86	Peak
! 881.490	---	14.07	46.00	26.04	40.11	-5.89	QP
! 905.310	16.90	---	46.00	26.39	43.29	-2.71	Peak
! 905.310	---	14.05	46.00	26.39	40.44	-5.56	QP
! 917.230	16.50	---	46.00	26.52	43.02	-2.98	Peak
917.230	---	13.23	46.00	26.52	39.75	-6.25	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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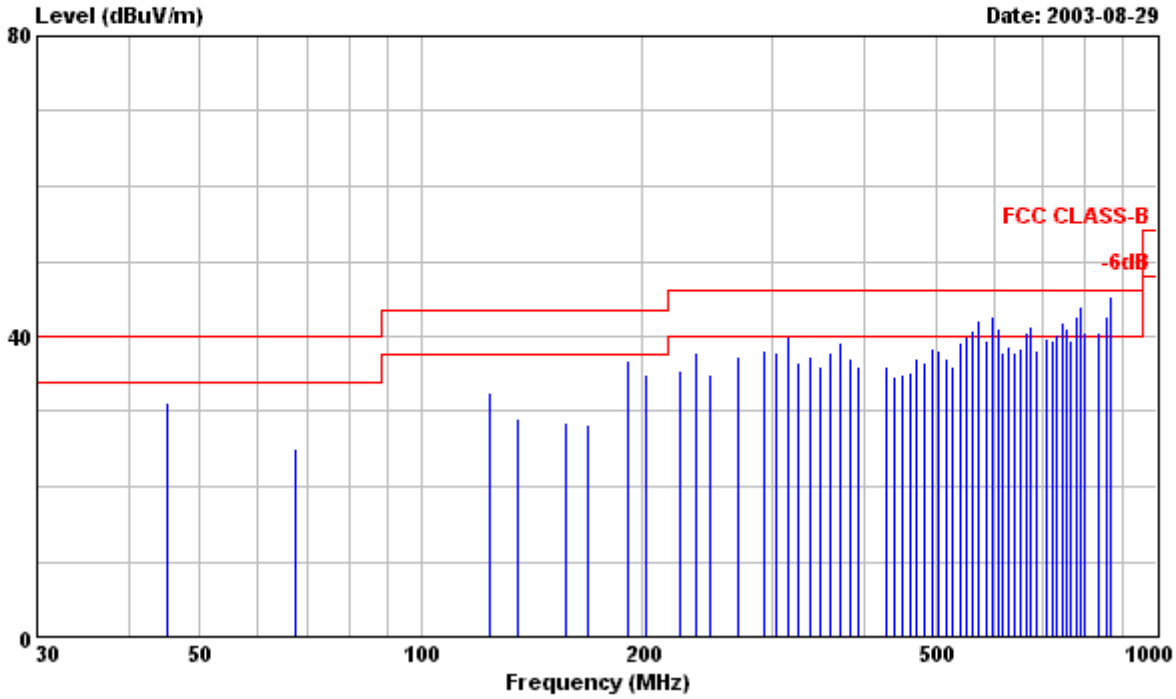
Data#: 3 File#: C:\Program Files\e3\EMI03-036-R.emi



Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR HORIZONTAL
EUT : LEGEND LXH-P796F Serial No:TY0304275
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 2ND MODEL LPD TUBE,RUN IBM V1.8
: FONT 16 ARIAL "H" PATTERN.
: 3. 1280x1024/85Hz 91.1KHz MODE WITH
: COMPAQ ENC/P866/20E/8/128A TAI PC,
: NVIDIA GF4 MX440 VIDEO CAR 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	
45.030	19.70	---	40.00	11.50	31.20	-8.80	Peak
67.480	15.20	---	40.00	9.98	25.18	-14.82	Peak
123.770	20.10	---	43.50	12.47	32.57	-10.93	Peak
135.000	16.10	---	43.50	12.89	28.99	-14.51	Peak
157.520	14.90	---	43.50	13.63	28.53	-14.97	Peak
168.750	14.20	---	43.50	13.94	28.14	-15.36	Peak
191.240	21.20	---	43.50	15.48	36.68	-6.82	Peak
202.530	18.30	---	43.50	16.56	34.86	-8.64	Peak
225.010	17.00	---	46.00	18.53	35.53	-10.47	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	
	236.270	18.30	---	46.00	19.45	37.75	-8.25	Peak
	247.500	14.70	---	46.00	20.30	35.00	-11.00	Peak
	270.000	15.80	---	46.00	21.64	37.44	-8.56	Peak
	292.520	15.40	---	46.00	22.78	38.18	-7.82	Peak
	303.770	21.40	---	46.00	16.55	37.95	-8.05	Peak
	315.020	---	22.22	46.00	16.80	39.02	-6.98	QP
!	315.020	23.30	---	46.00	16.80	40.10	-5.90	Peak
	326.260	19.60	---	46.00	17.04	36.64	-9.36	Peak
	337.520	20.20	---	46.00	17.25	37.45	-8.55	Peak
	348.770	18.40	---	46.00	17.49	35.89	-10.11	Peak
	360.030	20.10	---	46.00	17.70	37.80	-8.20	Peak
	371.270	21.30	---	46.00	17.88	39.18	-6.82	Peak
	382.520	19.00	---	46.00	18.10	37.10	-8.90	Peak
	393.770	17.80	---	46.00	18.28	36.08	-9.92	Peak
	427.510	17.20	---	46.00	18.79	35.99	-10.01	Peak
	438.770	15.60	---	46.00	18.94	34.54	-11.46	Peak
	450.020	15.80	---	46.00	19.08	34.88	-11.12	Peak
	461.270	16.00	---	46.00	19.23	35.23	-10.77	Peak
	472.520	17.60	---	46.00	19.37	36.97	-9.03	Peak
	483.770	17.10	---	46.00	19.51	36.61	-9.39	Peak
	495.020	18.70	---	46.00	19.64	38.34	-7.66	Peak
	506.270	18.20	---	46.00	19.82	38.02	-7.98	Peak
	517.520	17.00	---	46.00	19.99	36.99	-9.01	Peak
	528.770	15.90	---	46.00	20.16	36.06	-9.94	Peak
	540.020	18.90	---	46.00	20.33	39.23	-6.77	Peak
	551.270	19.40	---	46.00	20.51	39.91	-6.09	Peak
!	562.520	20.10	---	46.00	20.68	40.78	-5.22	Peak
	562.520	---	18.16	46.00	20.68	38.84	-7.16	QP
	573.770	---	19.01	46.00	20.85	39.86	-6.14	QP
!	573.770	21.20	---	46.00	20.85	42.05	-3.95	Peak
	585.020	18.40	---	46.00	21.00	39.40	-6.60	Peak
!	596.270	21.40	---	46.00	21.17	42.57	-3.43	Peak
	596.270	---	18.57	46.00	21.17	39.74	-6.26	QP
	607.520	---	17.12	46.00	21.41	38.53	-7.47	QP
!	607.520	19.60	---	46.00	21.41	41.01	-4.99	Peak
	618.770	16.10	---	46.00	21.67	37.77	-8.23	Peak
	630.020	16.70	---	46.00	21.93	38.63	-7.37	Peak
	641.270	15.70	---	46.00	22.19	37.89	-8.11	Peak
	652.520	16.00	---	46.00	22.45	38.45	-7.55	Peak
!	663.770	17.90	---	46.00	22.72	40.62	-5.38	Peak
	663.770	---	15.38	46.00	22.72	38.10	-7.90	QP
	675.030	---	15.97	46.00	22.98	38.95	-7.05	QP
!	675.030	18.30	---	46.00	22.98	41.28	-4.72	Peak
	686.270	15.00	---	46.00	23.24	38.24	-7.76	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	
	708.770	16.10	---	46.00	23.64	39.74	-6.26	Peak
	720.020	15.80	---	46.00	23.77	39.57	-6.43	Peak
!	731.270	16.20	---	46.00	23.94	40.14	-5.86	Peak
	731.270	---	13.64	46.00	23.94	37.58	-8.42	QP
!	742.520	17.80	---	46.00	24.08	41.88	-4.12	Peak
	742.520	---	15.10	46.00	24.08	39.18	-6.82	QP
!	753.770	16.80	---	46.00	24.22	41.02	-4.98	Peak
	753.770	---	14.39	46.00	24.22	38.61	-7.39	QP
	765.020	15.10	---	46.00	24.39	39.49	-6.51	Peak
!	776.270	---	15.53	46.00	24.53	40.06	-5.94	QP
!	776.270	18.30	---	46.00	24.53	42.83	-3.17	Peak
!	787.520	---	17.35	46.00	24.66	42.01	-3.99	QP
!	787.520	19.40	---	46.00	24.66	44.06	-1.94	Peak
	798.770	---	12.75	46.00	24.80	37.55	-8.45	QP
!	798.770	15.70	---	46.00	24.80	40.50	-5.50	Peak
!	832.530	15.20	---	46.00	25.33	40.53	-5.47	Peak
	832.530	---	12.23	46.00	25.33	37.56	-8.44	QP
!	855.030	17.10	---	46.00	25.64	42.74	-3.26	Peak
!	855.030	---	14.61	46.00	25.64	40.25	-5.75	QP
!	866.280	19.40	---	46.00	25.81	45.21	-0.79	Peak
!	866.280	---	16.61	46.00	25.81	42.42	-3.58	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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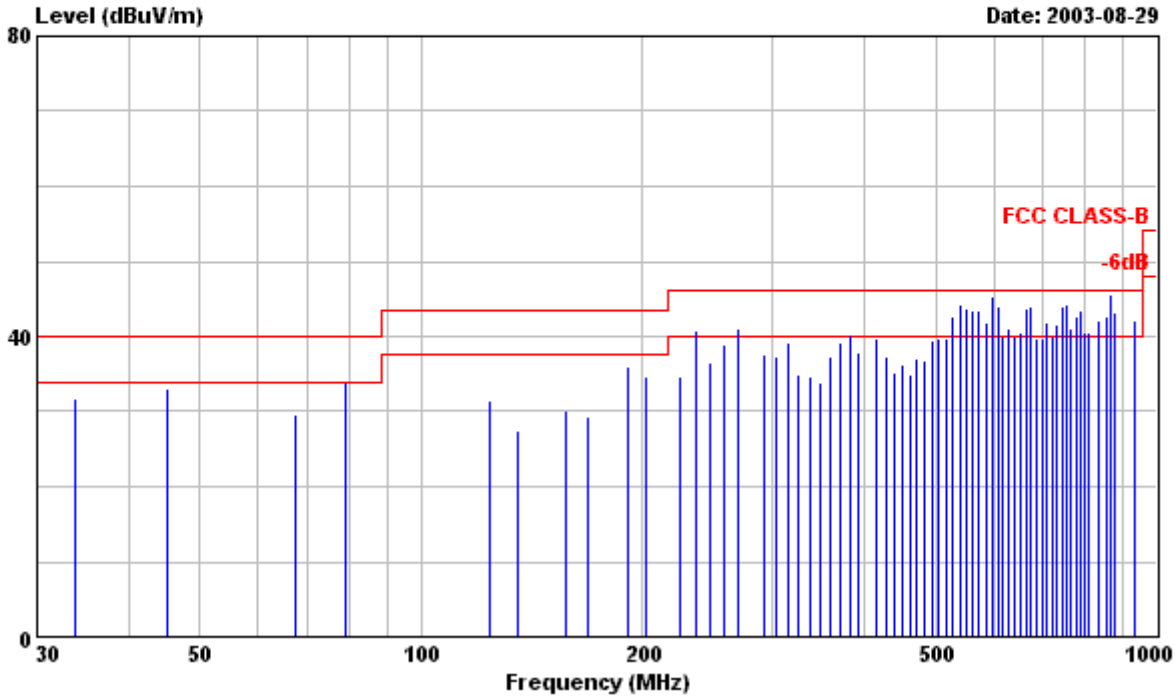
Data#: 4 File#: C:\Program Files\e3\EMI03-036-R.emi



Site : PHILIPS EMI 3M open site
Condition : FCC CLASS-B 3m FCC-3M-FACTOR VERTICAL
EUT : LEGEND LXH-P796F Serial No:TY0304275
Power : 120-240VAC
Memo : 1. EMI EVALUATION FOR FCC SAMPLE.
: 2. 2ND MODEL LPD TUBE,RUN IBM V1.8
: FONT 16 ARIAL "H" PATTERN.
: 3. 1280x1024/85Hz 91.1KHz MODE WITH
: COMPAQ ENC/P866/20E/8/128A TAI PC,
: NVIDIA GF4 MX440 VIDEO CAR 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	
33.780	17.90	---	40.00	13.80	31.70	-8.30	Peak
45.030	21.50	---	40.00	11.50	33.00	-7.00	Peak
67.480	19.70	---	40.00	9.98	29.68	-10.32	Peak
78.760	23.60	---	40.00	10.35	33.95	-6.05	Peak
123.770	19.10	---	43.50	12.47	31.57	-11.93	Peak
135.000	14.70	---	43.50	12.89	27.59	-15.91	Peak
157.520	16.40	---	43.50	13.63	30.03	-13.47	Peak
168.750	15.30	---	43.50	13.94	29.24	-14.26	Peak
191.240	20.60	---	43.50	15.48	36.08	-7.42	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	Peak Reading	QP reading	Limit	Factor	Emission Lavel	Over Limit	Remark
						VERTICAL		
	MHz	dBuV	dBuV	dBuV/m	dB/m	dBuV/m	dBuV/m	
	202.530	18.00	---	43.50	16.56	34.56	-8.94	Peak
	225.010	16.10	---	46.00	18.53	34.63	-11.37	Peak
	236.270	---	19.49	46.00	19.45	38.94	-7.06	QP
!	236.270	21.30	---	46.00	19.45	40.75	-5.25	Peak
	247.500	16.10	---	46.00	20.30	36.40	-9.60	Peak
	258.770	17.90	---	46.00	20.97	38.87	-7.13	Peak
	270.000	---	17.49	46.00	21.64	39.13	-6.87	QP
!	270.000	19.30	---	46.00	21.64	40.94	-5.06	Peak
	292.520	14.80	---	46.00	22.78	37.58	-8.42	Peak
	303.770	20.90	---	46.00	16.55	37.45	-8.55	Peak
	315.020	22.50	---	46.00	16.80	39.30	-6.70	Peak
	326.260	17.90	---	46.00	17.04	34.94	-11.06	Peak
	337.520	17.30	---	46.00	17.25	34.55	-11.45	Peak
	348.770	16.40	---	46.00	17.49	33.89	-12.11	Peak
	360.030	19.60	---	46.00	17.70	37.30	-8.70	Peak
	371.270	21.40	---	46.00	17.88	39.28	-6.72	Peak
	382.520	---	20.41	46.00	18.10	38.51	-7.49	QP
!	382.520	22.20	---	46.00	18.10	40.30	-5.70	Peak
	393.770	19.60	---	46.00	18.28	37.88	-8.12	Peak
	416.280	21.20	---	46.00	18.63	39.83	-6.17	Peak
	427.510	18.60	---	46.00	18.79	37.39	-8.61	Peak
	438.770	16.30	---	46.00	18.94	35.24	-10.76	Peak
	450.020	17.20	---	46.00	19.08	36.28	-9.72	Peak
	461.270	15.70	---	46.00	19.23	34.93	-11.07	Peak
	472.520	17.60	---	46.00	19.37	36.97	-9.03	Peak
	483.770	17.30	---	46.00	19.51	36.81	-9.19	Peak
	495.020	19.70	---	46.00	19.64	39.34	-6.66	Peak
	506.270	20.00	---	46.00	19.82	39.82	-6.18	Peak
	517.520	19.80	---	46.00	19.99	39.79	-6.21	Peak
!	528.770	---	21.22	46.00	20.16	41.38	-4.62	QP
!	528.770	22.90	---	46.00	20.16	43.06	-2.94	Peak
!	540.020	---	22.75	46.00	20.33	43.08	-2.92	QP
!	540.020	23.90	---	46.00	20.33	44.23	-1.77	Peak
!	551.270	---	21.70	46.00	20.51	42.21	-3.79	QP
!	551.270	23.20	---	46.00	20.51	43.71	-2.29	Peak
!	562.520	---	20.78	46.00	20.68	41.46	-4.54	QP
!	562.520	22.80	---	46.00	20.68	43.48	-2.52	Peak
!	573.770	---	20.79	46.00	20.85	41.64	-4.36	QP
!	573.770	22.60	---	46.00	20.85	43.45	-2.55	Peak
!	585.020	21.00	---	46.00	21.00	42.00	-4.00	Peak
!	585.020	---	19.04	46.00	21.00	40.04	-5.96	QP
!	596.270	24.20	---	46.00	21.17	45.37	-0.63	Peak
!	596.270	---	22.13	46.00	21.17	43.30	-2.70	QP
!	607.520	---	20.67	46.00	21.41	42.08	-3.92	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 MHz	Peak Reading dBuV	QP reading dBuV	Limit dBuV/m	Factor dB/m	Emission Lavel VERTICAL dBuV/m	Over Limit dBuV/m	Remark
!	607.520	22.60	---	46.00	21.41	44.01	-1.99	Peak
	618.770	18.20	---	46.00	21.67	39.87	-6.13	Peak
	630.020	---	17.36	46.00	21.93	39.29	-6.71	QP
!	630.020	19.10	---	46.00	21.93	41.03	-4.97	Peak
	641.270	17.80	---	46.00	22.19	39.99	-6.01	Peak
!	652.520	18.10	---	46.00	22.45	40.55	-5.45	Peak
	652.520	---	15.48	46.00	22.45	37.93	-8.07	QP
!	663.770	21.00	---	46.00	22.72	43.72	-2.28	Peak
!	663.770	---	18.83	46.00	22.72	41.55	-4.45	QP
!	675.030	---	18.76	46.00	22.98	41.74	-4.26	QP
!	675.030	20.90	---	46.00	22.98	43.88	-2.12	Peak
	686.270	16.50	---	46.00	23.24	39.74	-6.26	Peak
	697.520	16.30	---	46.00	23.45	39.75	-6.25	Peak
	708.770	---	15.30	46.00	23.64	38.94	-7.06	QP
!	708.770	18.20	---	46.00	23.64	41.84	-4.16	Peak
	720.020	16.10	---	46.00	23.77	39.87	-6.13	Peak
	731.270	---	15.47	46.00	23.94	39.41	-6.59	QP
!	731.270	17.60	---	46.00	23.94	41.54	-4.46	Peak
!	742.520	---	17.68	46.00	24.08	41.76	-4.24	QP
!	742.520	19.90	---	46.00	24.08	43.98	-2.02	Peak
!	753.770	20.10	---	46.00	24.22	44.32	-1.68	Peak
!	753.770	---	17.81	46.00	24.22	42.03	-3.97	QP
!	765.020	16.70	---	46.00	24.39	41.09	-4.91	Peak
	765.020	---	13.87	46.00	24.39	38.26	-7.74	QP
!	776.270	---	15.93	46.00	24.53	40.46	-5.54	QP
!	776.270	18.50	---	46.00	24.53	43.03	-2.97	Peak
!	787.520	---	16.53	46.00	24.66	41.19	-4.81	QP
!	787.520	18.70	---	46.00	24.66	43.36	-2.64	Peak
!	798.770	15.70	---	46.00	24.80	40.50	-5.50	Peak
	798.770	---	12.89	46.00	24.80	37.69	-8.31	QP
!	810.030	15.50	---	46.00	24.98	40.48	-5.52	Peak
	810.030	---	12.25	46.00	24.98	37.23	-8.77	QP
!	832.530	16.70	---	46.00	25.33	42.03	-3.97	Peak
	832.530	---	13.54	46.00	25.33	38.87	-7.13	QP
!	855.030	17.10	---	46.00	25.64	42.74	-3.26	Peak
	855.030	---	13.89	46.00	25.64	39.53	-6.47	QP
!	866.280	19.90	---	46.00	25.81	45.71	-0.29	Peak
!	866.280	---	17.09	46.00	25.81	42.90	-3.10	QP
!	877.530	17.30	---	46.00	25.99	43.29	-2.71	Peak
	877.530	---	13.81	46.00	25.99	39.80	-6.20	QP
!	933.780	15.40	---	46.00	26.73	42.13	-3.87	Peak
	933.780	---	12.18	46.00	26.73	38.91	-7.09	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)