

EXHIBIT 4

Test Report

Test Report

TTEMC-F98100

APPLICATION FOR CERTIFICATION
On Behalf of
Legend (Beijing) Limited
Micro Computer

Model : Luna 1000

FCC ID : NYSLUNA1000

Prepared for : Legend (Beijing) Limited
No. 10 Ke Xue Yuan Nan Road,
Haidian District, Beijing, China

Prepared By : Taiwan Tokin EMC Eng. Corp.
No. 53-11, Tin-Fu Tsun, Lin-Kou,
Taipei Hsien, Taiwan, R.O.C.

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File Number : ATM-G98325
Report Number : TTEMC-F98100
Date of Test : May. 29 / Jun. 11, 1998
Date of Report : Jun. 12, 1998

TABLE OF CONTENTS

Description	Page
Test Report Certification	
1. GENERAL INFORMATION	1.-1
1.1. Description of Device (EUT).....	1.-1
1.2. Tested System Details.....	1.-2
1.3. Description of Test Facility	1.-3
2. POWERLINE CONDUCTED TEST.....	2.-1
2.1. Test Equipment	2.-1
2.2. Block Diagram of Test Setup.....	2.-1
2.3. Conducted Powerline Emission Limit (CLASS B).....	2.-2
2.4. EUT Configuration on Measurement.....	2.-2
2.5. Operating Condition of EUT.....	2.-2
2.6. Test Procedure.....	2.-3
2.7. Line Conducted RF Voltage Measurement Results.....	2.-3
3. RADIATED EMISSION TEST	3.-1
3.1. Test Equipment	3.-1
3.2. Block Diagram of Test Setup.....	3.-1
3.3. Radiation Limit (CLASS B)	3.-2
3.4. EUT Configuration on Measurement.....	3.-2
3.5. Operating Condition of EUT.....	3.-2
3.6. Test Procedure.....	3.-3
3.7. Radiated Emission Noise Measurement Results.....	3.-4
4. DEVIATION TO TEST SPECIFICATIONS	4.-1
5. PHOTOGRAPHS.....	5.-1
5.1. Photos of Powerline Conducted Measurement	5.-1
5.2. Photos of Radiated Measurement at Open Field Test Site	5.-2

Tok98-fo44

TEST REPORT CERTIFICATION

Applicant : Legend (Beijing) Limited
Manufacturer : Legend (Beijing) Limited
FCC ID : NYSLUNA1000
EUT Description : Micro Computer
(A) MODEL NO. : Luna 1000
(B) SERIAL NO. : N/A
(C) POWER SUPPLY : AC 120V/60Hz

Measurement Procedure Used:

FCC RULES AND REGULATIONS PART 15 SUBPART B CLASS B OCTOBER 1996
AND FCC / ANSI C63.4-1992

The device described above was tested by TAIWAN TOKIN EMC ENG. CORP. to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15B Class B limits both radiated and conducted emissions.

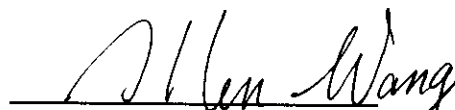
The measurement results are contained in this test report and TAIWAN TOKIN EMC ENG. CORP. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the FCC official limits. TAIWAN TOKIN EMC ENG. CORP. recommends that this data was submitted for FCC certification purposes if a 4dB margin below FCC limits is obtained. This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Taiwan Tokin EMC Eng. corp.

Date of Test : May. 29 / Jun. 11, 1998

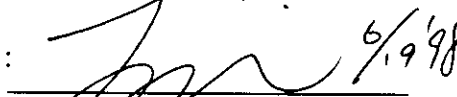
Prepared by :


(SHELENE HOU)

Test Engineer :


(ALLEN WANG)

Approve & Authorized Signer :

 6/9/98
(JACKIE DENG)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	Micro Computer
Model Number	:	Luna 1000
FCC ID	:	NYSLUNA1000
Applicant	:	Legend (Beijing) Limited No. 10 Ke Xue Yuan Nan Road, Haidian District, Beijing, China
Manufacturer	:	Legend (Beijing) Limited No. 10 Ke Xue Yuan Nan Road, Haidian District, Beijing, China
CPU & Speed	:	Intel Pentium II 300MHz/66MHz
Hard Disk Driver	:	Seagate, M/N ST 33232A
Floppy Disk Driver	:	Samsung, M/N SFD-321B
CD-ROM	:	Acer, M/N 624A319
S.P.S.	:	Huntkey. M/N LW-8200
VGA	:	On Board
Power Cord	:	Shielded, Detachable, 1.8m
Date of Test	:	May. 29 / Jun. 11, 1998

1.2. Tested System Details

1.2.1. MONITOR

Model Number	:	CM752ET-311
Serial Number	:	T8D002313
FCC ID	:	By DoC
Manufacturer	:	Hitachi
Data Cable	:	Shielded, Detachable, 1.8m
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.2. KEYBOARD

Model Number	:	2151B
Serial Number	:	N/A
FCC ID	:	FPW2151B-68W
Manufacturer	:	Legend
Data Cable	:	Shielded, Undetachable, 1.2m

1.2.3. PRINTER

Model Number	:	2225C+
Serial Number	:	2806S05196
FCC ID	:	DSI6XU2225
Manufacturer	:	Hewlett Packard
Power Adapter	:	Kani, Model AD-09
		Non-Shielded, Undetachable, 2.0m
Data Cable	:	Shielded, Detachable, 1.2m

1.2.4. MODEM # 1

Model Number	:	1414
Serial Number	:	950098202
FCC ID	:	IFAXDM1414
Manufacturer	:	Aceex
Data Cable	:	Shielded, Detachable, 1.2m
Power Adapter	:	Amigo, Model AM-91000A
		Non-Shielded, Undetachable, 1.8m

1.2.5. MODEM # 2

Model Number	:	1414
Serial Number	:	950098204
FCC ID	:	IFAXDM1414
Manufacturer	:	Aceex
Data Cable	:	Shielded, Detachable, 1.2m
Power Adapter	:	Amigo, Model AM-91000A
		Non-Shielded, Undetachable, 1.8m

1.2.6. MOUSE

Model Number	:	M-S42
Serial Number	:	N/A
FCC ID	:	DZL211106
Manufacturer	:	Logitech
Data Cable	:	Shielded, Undetachable, 1.8m

1.2.7. EARPHONE

Model Number	:	N/A
Serial Number	:	N/A
Manufacturer	:	Cathay Pacific
Data Cable	:	Non-Shielded, Undetachable, 1.3m

1.2.8. USB SIMULATOR

Model Number	:	N/A
Manufacturer	:	Philips
USB Data Cable * 2	:	Shielded, Detachable, 1.8m

1.3. Description of Test Facility

Site Description (No. 5 Open Site)	:	Feb. 13, 1998 Re-file on Federal Communication Commission FCC Engineering Laboratory 7435 Oakland Mills Road Columbia, MD 21046, U.S.A.
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Site Description (No. 1 Open Site)	:	Feb. 13, 1998 Re-file on Federal Communication Commission FCC Engineering Laboratory 7435 Oakland Mills Road Columbia, MD 21046, U.S.A.
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Name of Firm	:	Taiwan Tokin EMC Eng. Corp.
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Site Location	:	No. 53-11, Tin-Fu Tsun, Lin-Kou, Taipei Hsien, Taiwan, R.O.C.
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NVLAP Lab Code	:	200077-0
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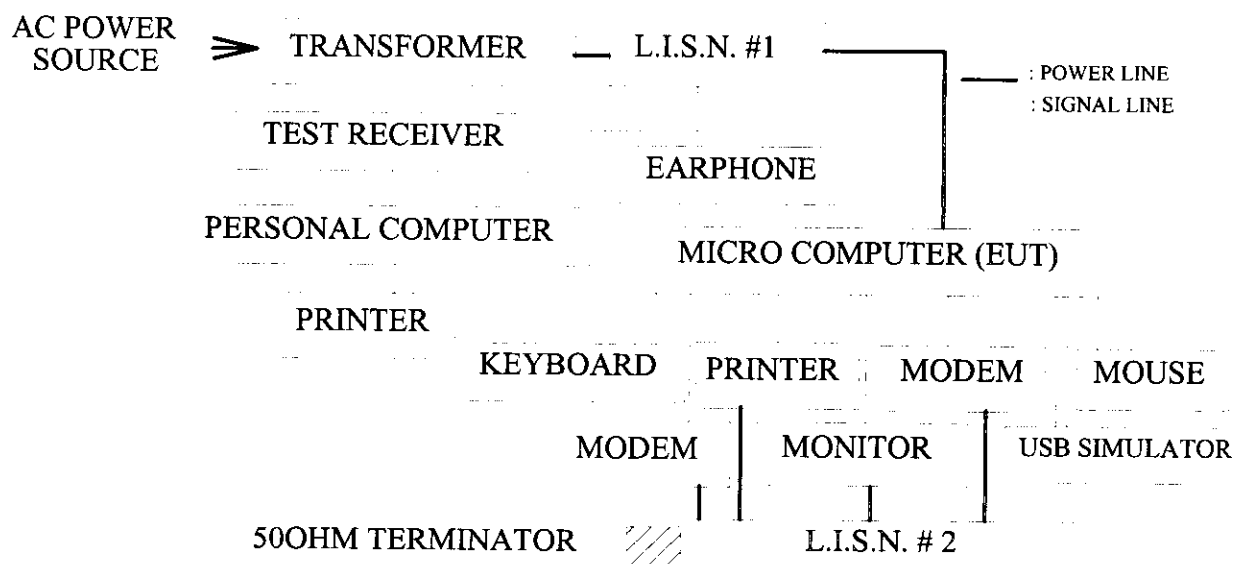
2. POWERLINE CONDUCTED TEST

2.1. Test Equipment

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

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESHS10	844591/015	Nov.25, 97'	1 Year
2.	L.I.S.N. # 1	Kyoritsu	KNW-407	8-1370-9	Jun.20, 97'	1 Year
3.	L.I.S.N. # 2	Kyoritsu	KNW-407	8-1370-10	Jun.20, 97'	1 Year

2.2. Block Diagram of Test Setup



2.3. Conducted Powerline Emission Limit (CLASS B)

Frequency	Maximum RF Line Voltage	
	uV	dBuV
0.45MHz ~ 30MHz	250	48

REMARKS : RF LINE VOLTAGE (dBuV) = 20 log RF LINE VOLTAGE (uV)

2.4. EUT Configuration on Measurement

The following equipments were installed on RF LINE VOLTAGE measurement to meet the Commission requirement and operating in a manner which tended to maximize

its emission characteristics in a normal application.

2.4.1. Micro Computer (EUT)

Model Number	:	Luna 1000
Serial Number	:	N/A
FCC ID	:	NYSLUNA1000
Manufacturer	:	Legend (Beijing) Limited
CPU & Speed	:	Intel Pentium II 300MHz/66MHz
Hard Disk Driver	:	Seagate, M/N ST 33232A
Floppy Disk Driver	:	Samsung, M/N SFD-321B
CD-ROM	:	Acer, M/N 624A319
S.P.S.	:	Huntkey. M/N LW-8200
VGA	:	On Board
Power Cord	:	Shielded, Detachable, 1.8m

2.4.2. Support Simulators : As in section 1.2.

2.5. Operating Condition of EUT

2.5.1. Setup the EUT and simulator as shown on 2.2.

2.5.2. Turned on the power of all equipments.

2.5.3. Personal Computer read data from disk.

2.5.4. Personal Computer send "H" character to monitor and the screen of monitor displayed "H" pattern by 31.KHz/640*480 or 94KHz/1600*1200.

2.5.5. Personal Computer sent "H" character to printer, the printer printed "H" pattern on paper.

2.5.6. Personal Computer read data from FDD and then wrote data into FDD, same operation for HDD.

2.5.7. Personal Computer read data and wrote data from modem.

2.5.8. The other peripheral devices were drove and operated in turn during all testing.

2.6. Test Procedure

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

Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions simulators of the interface cables should be manipulated according to FCC ANSI C63.4-1992 during conducted measurement.

The bandwidth of the field strength meter (R & S Test Receiver ESHS10) was set at 10KHz.

The frequency range from 450KHz to 30MHz was checked.

2.7. Line Conducted RF Voltage Measurement Results

The following test modes were done on conducted test and all the test results are attached in following pages.

(Test Date : Jun. 08, 1998 ; Temperature : 25 °C ; Humidity : 68 %)

TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:

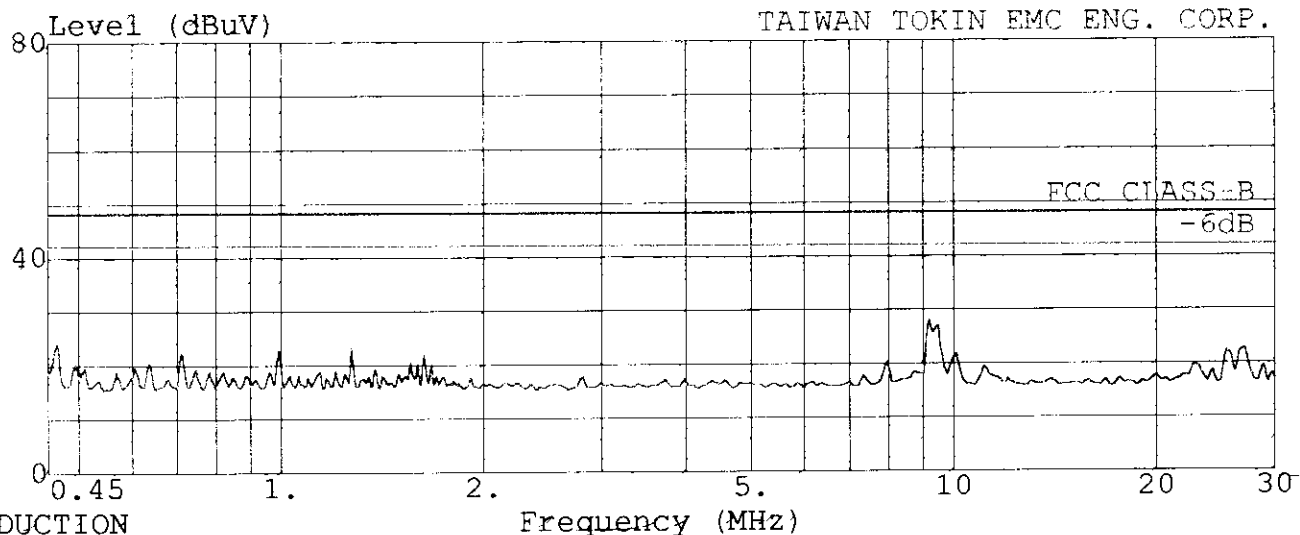
#53-11 Tingfu Tsun, Linkou

Taipei, Taiwan R.O.C.

Tel:02-6092133 Fax:02-6099303

Data#: File#: LEGEND,EMI

Date: 6-8,1998 Time: 13:38:50



CONDUCTION

Trace :

Limit : FCC CLASS-B

Probe : LISN(FCC)8-1370-10 NEUTRAL

Margin: -6.0dB

EUT : MICRO COMPUTER M/N:LUNA 1000

Power : 120Vac/60Hz

Memo : 31.5KHz (640X480/60Hz)

:

:

:

Ref Trace:

TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:

#53-11 Tingfu Tsun, Linkou

Taipei, Taiwan R.O.C.

Tel:02-6092133 Fax:02-6099303

Data#: File#: LEGEND.EMI

Date: 6-08,1998 Time: 13:45:18

CONDUCTION

Limit : FCC CLASS-B

Probe : LISN(FCC)8-1370-10 NEUTRAL

Margin: -6.0dB

EUT : MICRO COMPUTER M/N:LUNA 1000

Power : 120Vac/60Hz

Memo : 31.5KHz (640X480/60Hz)

:
:

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.463	22.94	-25.06	48.00	22.77	0.12	0.04	0.00	QP
2	0.712	20.63	-27.37	48.00	20.48	0.10	0.05	0.00	QP
3	1.275	21.24	-26.76	48.00	21.09	0.10	0.05	0.00	QP
4	1.629	21.85	-26.15	48.00	21.70	0.10	0.05	0.00	QP
5	9.159	27.89	-20.11	48.00	27.71	0.13	0.05	0.00	QP
6	26.655	21.30	-26.70	48.00	20.63	0.47	0.20	0.00	QP

TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:

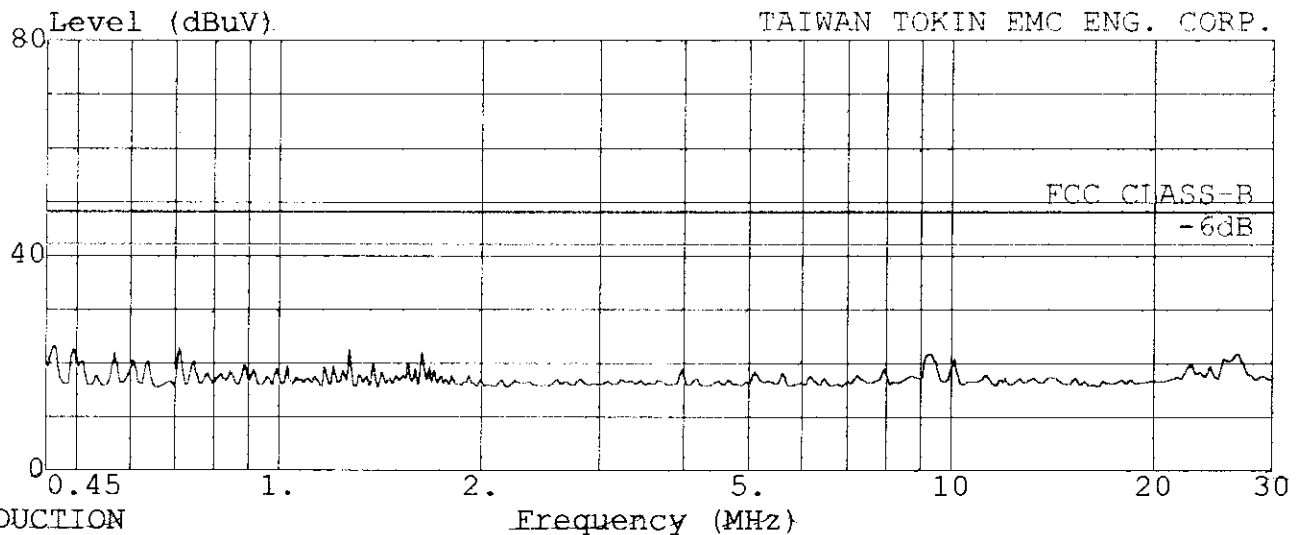
#53-11 Tingfu Tsun, Linkou

Taipei, Taiwan R.O.C.

Tel: 02-6092133 Fax: 02-6099303

Data#: File#: LEGEND.EMI

Date: 6-08, 1998 Time: 13:51:30



CONDUCTION

Trace :

Limit : FCC CLASS-B

Probe : LISN(FCC)8-1370-10 LINE

Margin: -6.0dB

EUT : MICRO COMPUTER M/N:LUNA 1000

Power : 120Vac/60Hz

Memo : 31.5KHz (640X480/60Hz)

:

:

Ref Trace:

TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
#53-11 Tingfu Tsun, Linkou
Taipei, Taiwan R.O.C.
Tel:02-6092133 Fax:02-6099303

Data#: File#: LEGEND.EMI Date: 6-08,1998 Time: 13:59:09
CONDUCTION
Limit : FCC CLASS-B
Probe : LISN(FCC)8-1370-10 LINE
Margin: -6.0dB
EUT : MICRO COMPUTER M/N:LUNA 1000
Power : 120Vac/60Hz
Memo : 31.5KHz (640X480/60Hz)
:
:

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.461	22.81	-25.19	48.00	22.64	0.12	0.04	0.00	QP
2	0.567	21.96	-26.04	48.00	21.82	0.10	0.04	0.00	QP
3	0.709	21.66	-26.34	48.00	21.51	0.10	0.05	0.00	QP
4	1.629	22.07	-25.93	48.00	21.92	0.10	0.05	0.00	QP
5	9.315	21.64	-26.36	48.00	21.45	0.14	0.05	0.00	QP
6	26.655	21.68	-26.32	48.00	21.01	0.47	0.20	0.00	QP

TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:

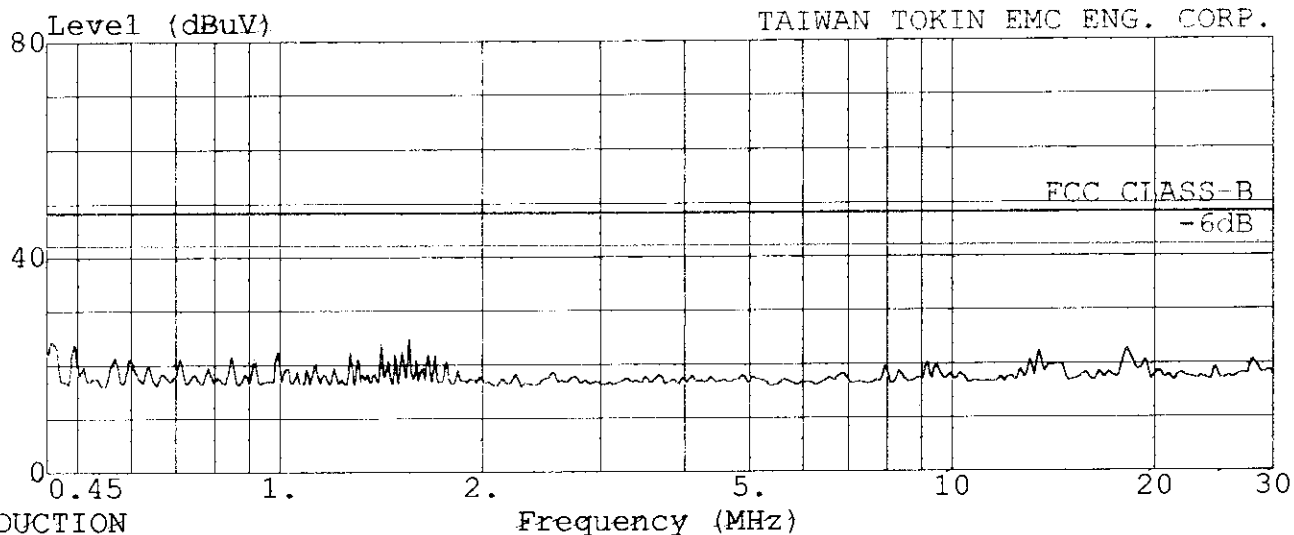
#53-11 Tingfu Tsun, Linkou

Taipei, Taiwan R.O.C.

Tel: 02-6092133 Fax: 02-6099303

Data#: File#: LEGEND.EMI

Date: 6-8, 1998 Time: 13:30:47



CONDUCTION

Trace :

Limit : FCC CLASS-B

Probe : LISN(FCC) 8-1370-10 NEUTRAL

Margin: -6.0dB

EUT : MICRO COMPUTER M/N: LUNA 1000

Power : 120Vac/60Hz

Memo : 94KHz (1600X1200/76Hz)

:

:

Ref Trace:

TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:

#53-11 Tingfu Tsun, Linkou

Taipei, Taiwan R.O.C.

Tel:02-6092133 Fax:02-6099303

Data#: File#: LEGEND.EMI

Date: 6-8,1998 Time: 13:36:57

CONDUCTION

Limit : FCC CLASS-B

Probe : LISN(FCC)8-1370-10 NEUTRAL

Margin: -6.0dB

EUT : MICRO COMPUTER M/N:LUNA 1000

Power : 120Vac/60Hz

Memo : 94KHz(1600X1200/76Hz)

:

:

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.455	22.64	-25.36	48.00	22.47	0.12	0.04	0.00	QP
2	0.985	20.49	-27.51	48.00	20.34	0.10	0.05	0.00	QP
3	1.407	21.07	-26.93	48.00	20.92	0.10	0.05	0.00	QP
4	1.550	21.89	-26.11	48.00	21.74	0.10	0.05	0.00	QP
5	13.409	18.04	-29.96	48.00	17.77	0.19	0.09	0.00	QP
6	18.133	20.81	-27.19	48.00	20.41	0.23	0.17	0.00	QP

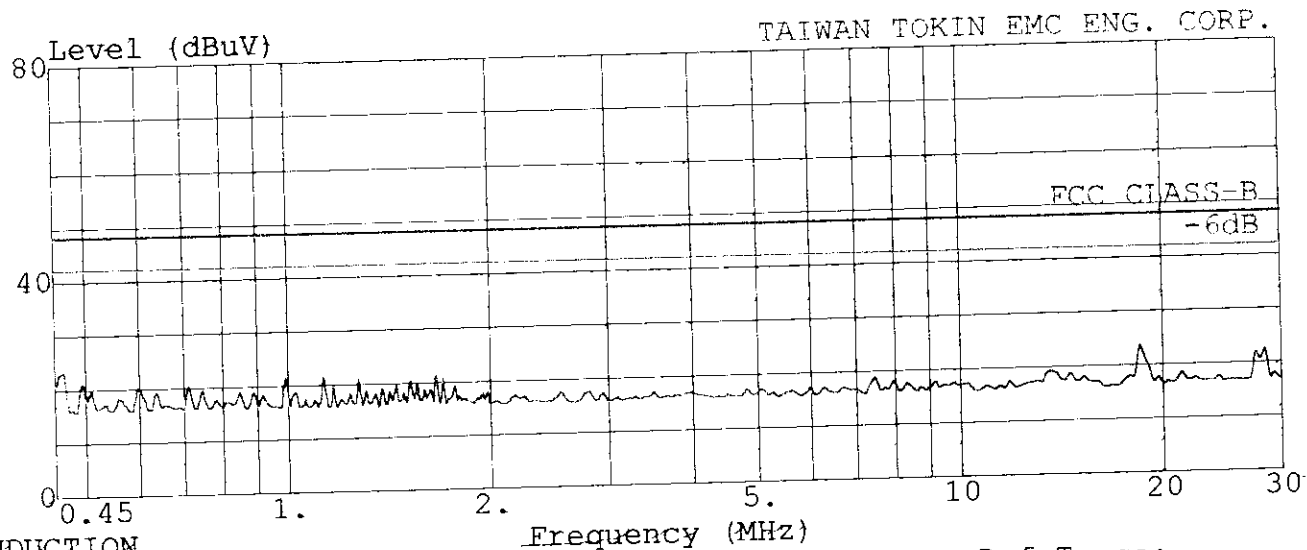
TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
#53-11 Tingfu Tsun, Linkou
Taipei, Taiwan R.O.C.
Tel: 02-6092133 Fax: 02-6099303

Data#: File#: LEGEND.EMI

Date: 6-8, 1998 Time: 13:14:33



CONDUCTION

Ref Trace:

Trace :
Limit : FCC CLASS-B
Probe : LISN(FCC)8-1370-10 LINE
Margin: -6.0dB
EUT : MICRO COMPUTER M/N:LUNA 1000
Power : 120Vac/60Hz
Memo : 94KHz (1600X1200/76Hz)
:
:

TOKIN

TAIWAN TOKIN EMC ENG. CORP.

Test Site:
#53-11 Tingfu Tsun, Linkou
Taipei, Taiwan R.O.C.
Tel:02-6092133 Fax:02-6099303

Data#: File#: LEGEND.EMI
CONDUCTION
Limit : FCC CLASS-B
Probe : LISN(FCC)8-1370-10 LINE
Margin: -6.0dB
EUT : MICRO COMPUTER M/N:LUNA 1000
Power : 120Vac/60Hz
Memo : 94KHz(1600X1200/76Hz)
:
:

Date: 6-8,1998 Time: 13:28:50

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark
	MHz	dB	dB	dB	dB	dB	dB	dB	
1	0.456	23.52	-24.48	48.00	23.35	0.12	0.04	0.00	QP
2	0.596	19.39	-28.61	48.00	19.25	0.10	0.04	0.00	QP
3	0.986	20.25	-27.75	48.00	20.10	0.10	0.05	0.00	QP
4	1.653	19.53	-28.47	48.00	19.38	0.10	0.05	0.00	QP
5	18.459	20.27	-27.73	48.00	19.86	0.24	0.17	0.00	QP
6	28.171	20.85	-27.15	48.00	20.17	0.48	0.20	0.00	QP

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3. RADIATED EMISSION TEST

3.1. Test Equipment

3.1.1. For 30MHz ~ 1GHz frequency measurement : (No. 5 Open Site)

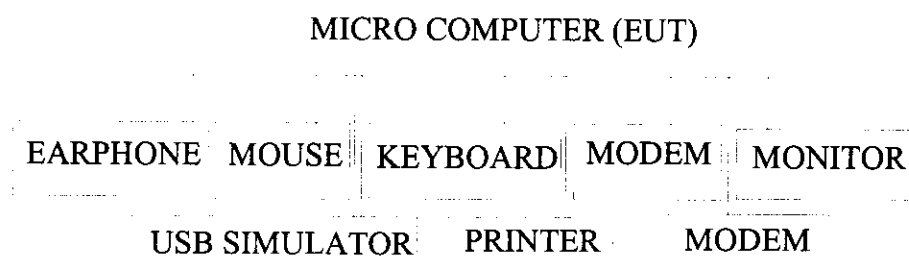
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	HP	8568B	3001A05001	Feb.10, 98'	1 Year
2.	Q.P Adapter	HP	85650A	2811A01395	Feb.10, 98'	1 Year
3.	Amplifier	HP	8447D	2944A07185	Aug.04, 97'	1 Year
4.	Biconical Antenna	Chase	VBA6106A	1245	Aug.04, 97'	1 Year
5.	Log Periodic Antenna	Chase	UPA6109	1035	Aug.04, 97'	1 Year

3.1.2. For 1GHz ~ 2GHz frequency measurement : (No. 1 Open Site)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer (1GHz~2GHz)	HP	8593A	3212A01727	Aug. 02, 97'	1 Year
2.	Broadband Antenna	Schwarzbeck	BBA 9106	A1L	Jan. 08, 98'	1 Year
3.	Broadband Antenna	Schwarzbeck	UHALP 9108A	0138	Jan. 08, 98'	1 Year
4.	Pre-Amplifier	HP	8449B	3008A00529	Feb. 12. 98'	1 Year
5.	Double Ridge Horn. Antenna	EMCO	3115	9112-3775	Apr. 07, 98'	1 Year

3.2. Block Diagram of Test Setup

3.2.1. Block Diagram of connection between EUT and simulators



3.2.2. Open Field Test Site Setup Diagram

ANTENNA TOWER

ANTENNA ELEVATION VARIES FROM 1METER TO 4 METERS

3 METERS

EUT

0.8
METER

TURN TABLE

GROUND PLANE

3.3. Radiation Limit (CLASS B)

FREQUENCY	DISTANCE	FIELD STRENGTHS LIMITS	
		uV/M	dBuV/M (Q.P.)
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
1000 ~ 2000	3	53.5 (Average)	
1000 ~ 2000	3	73.5 (Peak)	

- Remark :
- (1) Emission level (dBuV/M) = $20 \log$ Emission level (uV/M)
 - (2) The tighter limit applies at the edge between two frequency bands.
 - (3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3.4. EUT Configuration on Measurement

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

3.5. Operating Condition of EUT

Same as conducted measurement which was listed in 2.5.

3.6. Test Procedure

3.6.1. 30MHz ~ 1GHz frequency measurement :

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

The resolution bandwidth of spectrum analyzer was setting at 120KHz.

3.6.2. 1GHz ~ 2GHz frequency measurement :

The EUT and its simulators were placed on a turn table which was 0.8 meter above ground. The turn table rotated 360 degrees to determine the position of the maximum emission level, EUT was set 3 meters away from the receiving antenna which was mounted on a antenna tower. The antenna was fixed at 1 meter high (maximum emission level receiving position) above the ground.

A calibrated Horn Antenna was used as a receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement, and both average and peak emission level were recorded from spectrum analyzer. In order to find the maximum emission level, all the interface cables were manipulated according to ANSI C63.4-1992 on radiated measurement.

The resolution bandwidth of spectrum analyzer was setting at 1MHz. ✓

The following test models were done on radiated test and all the test results are listed in section 3.7.

1. 31.5KHz/640*480, 60Hz
2. 94KHz/1600*1200, 75Hz

3.7. Radiated Emission Noise Measurement Results

3.7.1. 30MHz to 1GHz frequency measurement :

Date of Test : May. 29, 1998 Temperature : 26 °C

EUT : Micro Computer Humidity : 58 %

Test Mode : 31.5KHz/640*480, 60Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level	
			Horizontal dBuV	Horizontal dBuV/m	Limits dBuV/m	Margin dBuV/m
33.408	22.71	1.56	3.77	28.04	40.00	11.96
42.952	19.01	1.71	1.44	22.16	40.00	17.84
85.913	15.34	2.18	11.38	28.90	40.00	11.10
124.200	19.31	2.54	7.38	29.23	43.50	14.27
133.645	20.12	2.60	4.92	27.64	43.50	15.86
167.053	21.62	2.86	2.29	26.77	43.50	16.73
175.008	21.48	2.92	4.34	28.74	43.50	14.76
191.940	21.26	3.06	2.16	26.48	43.50	17.02
233.876	23.63	3.33	3.08	30.04	46.00	15.96
300.698	13.52	3.74	14.65	31.91	46.00	14.09
367.519	16.04	4.09	11.48	31.61	46.00	14.39
396.012	16.22	4.25	10.36	30.83	46.00	15.17
434.342	16.52	4.47	12.59	33.58	46.00	12.42
601.396	19.43	5.32	11.08	35.83	46.00	10.17
660.019	20.25	5.62	16.08	41.95	46.00	4.05
735.042	21.02	5.94	11.18	38.14	46.00	7.86
868.682	21.64	6.54	6.17	34.35	46.00	11.65
924.027	23.27	6.75	10.65	40.67	46.00	5.33

Remark : 1. All reading were Quasi-Peak values.

Date of Test : May. 29, 1998 Temperature : 26 °C

EUT : Micro Computer Humidity : 58 %

Test Mode : 31.5KHz/640*480, 60Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level		Margin dBuV/m
			Vertical dBuV		Vertical dBuV/m	Limits dBuV/m	
33.395	22.48	1.56	7.80		31.84	40.00	8.16
42.956	18.00	1.71	7.60		27.31	40.00	12.69
71.980	13.02	2.06	17.26		32.34	40.00	7.66
85.896	15.16	2.19	13.05		30.40	40.00	9.60
133.643	18.93	2.60	7.31		28.84	43.50	14.66
167.055	19.27	2.86	9.74		31.87	43.50	11.63
200.439	22.13	3.09	3.75		28.97	43.50	14.53
233.861	22.83	3.33	7.98		34.14	46.00	11.86
267.289	25.20	3.56	0.04		28.80	46.00	17.20
367.519	15.36	4.09	13.49		32.94	46.00	13.06
434.341	16.30	4.47	6.81		27.58	46.00	18.42
501.161	18.09	4.82	11.25		34.16	46.00	11.84
601.394	19.38	5.32	13.00		37.70	46.00	8.30
660.019	19.89	5.62	14.81		40.32	46.00	5.68
735.041	20.83	5.94	6.97		33.74	46.00	12.26
792.023	21.57	6.23	11.60		39.40	46.00	6.60
868.686	22.46	6.54	11.02		40.02	46.00	5.98
924.027	23.71	6.75	6.93		37.39	46.00	8.61

Remark : 1. All reading were Quasi-Peak values.

Date of Test : Jun. 04, 1998 Temperature : 29 °C

EUT : Micro Computer Humidity : 50 %

Test Mode : 94KHz/1600*1200, 75Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level		Margin dBuV/m
			Horizontal dBuV		Horizontal dBuV/m	Limits dBuV/m	
33.397	22.71	1.56	1.02		25.29	40.00	14.71
50.564	15.73	1.84	- 1.84		15.73	40.00	24.27
75.853	12.89	2.12	11.05		26.06	40.00	13.94
126.434	19.63	2.56	6.70		28.89	43.50	14.61
151.719	20.12	2.74	7.90		30.76	43.50	12.74
167.036	21.62	2.86	3.19		27.67	43.50	15.83
191.934	21.26	3.06	3.36		27.68	43.50	15.82
200.450	20.68	3.09	2.60		26.37	43.50	17.13
233.856	23.63	3.33	5.63		32.59	46.00	13.41
263.991	24.08	3.53	0.11		27.72	46.00	18.28
354.044	16.02	4.01	8.01		28.04	46.00	17.96
455.191	16.95	4.57	7.77		29.29	46.00	16.71
480.477	17.28	4.71	8.77		30.76	46.00	15.24
556.342	19.33	5.08	6.64		31.05	46.00	14.95
601.383	19.43	5.32	11.83		36.58	46.00	9.42
* 660.002	20.25	5.62	15.88		41.75	46.00	4.25
801.875	21.33	6.27	4.47		32.07	46.00	13.93
924.010	23.27	6.75	9.65		39.67	46.00	6.33

- Remark :
1. All reading were Quasi-Peak values.
 2. The worst emission was detected at 660.002MHz with corrected signal level of 41.75dBuV/m (limit was 46dBuV/m) when the antenna was at horizontal polarization and was at 1.1m high and the turn table was at 275 ° .
 3. 0 ° is the table front facing the antenna. Degree was calculated from 0 ° clockwise facing the antenna.

Date of Test : Jun. 04, 1998 Temperature : 29 °C

EUT : Micro Computer Humidity : 50 %

Test Mode : 94KHz/1600*1200, 75Hz

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading		Emission Level		Margin dBuV/m
			Vertical dBuV		Vertical dBuV/m	Limits dBuV/m	
33.392	22.48	1.56	8.50		32.54	40.00	7.46
57.275	13.96	1.93	10.05		25.94	40.00	14.06
75.857	13.76	2.12	15.03		30.91	40.00	9.09
85.888	15.16	2.19	8.05		25.40	40.00	14.60
126.432	18.47	2.56	9.81		30.84	43.50	12.66
151.721	20.05	2.74	12.92		35.71	43.50	7.79
167.095	19.27	2.86	4.94		27.07	43.50	16.43
233.860	22.83	3.33	8.13		34.29	46.00	11.71
267.286	25.20	3.56	- 1.51		27.25	46.00	18.75
300.674	14.31	3.74	8.70		26.75	46.00	19.25
434.318	16.30	4.47	6.96		27.73	46.00	18.27
480.474	17.60	4.71	14.13		36.44	46.00	9.56
531.053	18.40	4.96	10.82		34.18	46.00	11.82
601.376	19.38	5.32	15.85		40.55	46.00	5.45
* 660.005	19.89	5.62	14.96		40.47	46.00	5.53
801.890	21.94	6.27	9.12		37.33	46.00	8.67
902.130	23.00	6.69	9.03		38.72	46.00	7.28
924.014	23.71	6.75	7.43		37.89	46.00	8.11

- Remark :
1. All reading were Quasi-Peak values.
 2. The worst emission was detected at 660.005MHz with corrected signal level of 40.47dBuV/m (limit was 46dBuV/m) when the antenna was at horizontal polarization and was at 1.1m high and the turn table was at 275 ° .
 3. 0 ° is the table front facing the antenna. Degree was calculated from 0 ° clockwise facing the antenna.

3.7.2. 1GHz to 2GHz frequency measurement :

Date of Test : Jun. 11, 1998 Temperature : 22 °CEUT : Micro Computer Humidity : 67 %Test Mode : 94KHz/1600*1200, 75Hz

Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Horizontal dBuV	RF Voltage Horizontal dBuV/m	Limits dBuV/m
1200	24.9	1.6	33.4	27.2	20.3	53.5 (Average)
1349	25.3	1.7	33.3	10.6	4.3	53.5 (Average)
1500	25.7	1.8	33.1	11.5	5.9	53.5 (Average)
1200	24.9	1.6	33.4	35.8	28.9	73.5 (Peak)
1349	25.3	1.7	33.3	20.4	14.3	73.5 (Peak)
1500	25.7	1.8	33.1	22.3	16.7	73.5 (Peak)
Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Pre-Amp Factor dB	Meter Reading Vertical dBuV	RF Voltage Vertical dBuV/m	Limits dBuV/m
1200	24.9	1.6	33.4	37.1	30.2	53.5 (Average)
1349	25.3	1.7	33.3	13.9	7.6	53.5 (Average)
1500	25.7	1.8	33.1	12.8	7.2	53.5 (Average)
1200	24.9	1.6	33.4	41.6	34.7	73.5 (Peak)
1349	25.3	1.7	33.3	23.1	16.8	73.5 (Peak)
1500	25.7	1.8	33.1	21.5	15.9	73.5 (Peak)

4. DEVIATION TO TEST SPECIFICATIONS

【 NONE 】