## Exhibit 8

# TEST REPORT OF RADIATED AND CONDUCTED EMISSIONS

#### STATEMENT OF DATA MEASURED

#### 1. General Information of EUT

The EUT, 19" supper VGA color monitor,

Model No. : 19A580BQ FCC ID : A3KM083 Brand : PHILIPS

The monitor automatically scans horizontal frequencies between 30HKz and 107KHz, 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 1600X1200 pixels.

The monitor has 13 factory-preset modes as indicated in the following table:

	Resolution	H-Frequency	V-Frequency	Remark
M01	640 X 400	31.5KHz	70Hz	Non-interlaced
M02	640 X 480	31.5KHZ	60Hz	Non-interlaced
M03	640 X 480	37.5KHz	75Hz	Non-interlaced
M04	800 X 600	46.9KHz	75 <b>Hz</b>	Non-interlaced
M05	800 X 600	53.7KHz	85Hz	Non-interlaced
M06	1024 X 768	60.0KHz	75Hz	Non-interlaced
M07	1024 X 768	68.6KHz	85Hz	Non-interlaced
M08	1152 X 870	69.0KHz	75Hz	Non-interlaced
M09	1152 X 900	71. <b>8KHz</b>	76Hz	Non-interlaced
M010	1280 X 1024	80.0KHz	75Hz	Non-interlaced
M011	1280 X 1024	90.0KHz	85Hz	Non-interlaced
M012	1600 X 1200	93.8KHz	75Hz	Non-interlaced
M013	1600 X 1200	106.2KHz	85Hz	Non-interlaced

#### 2. Test Equipment and Procedure

Test was performed by:

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

5, Tze Chiang 1 Road, Chungli Industrial Park P.O. Box 123, Chungli, Taoyuan, Taiwan R. O. C. Tel: 886-3-4549862 Fax: 886-3-4549887

Internet: ronnie.yang@tw.ccmail.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"

Test equipments used for line Conducted and Radiated emissions as following. All equipments were calibrated according to ANSI C63.4-1992 and ISO-9000 requirement unless otherwise specified.

Test Equipment	Model No.	Serial No.	Calibrated
			Date
Spectrum	HP8568B	2928A04640	4/15/1998
RF Preselector	HP85685A	2620A00338	4/15/1998
QP Adapter	HP85650A	2811A01324	4/15/1998
EMI Receiver	R & S ESVS30	8419977/066	11/21/1998
Biconical Antenna	EMCO 3110B	2863	2/07/1998
Biconical Antenna	EMCO 3110B	2864	2/07/1998
Log-Periodic Antenna	EMCO 3146A	1377	2/07/1998
Log-Periodic Antenna	EMCO 3146A	1378	2/07/1998
LISN	EMCO 3825/2	9311-2153	9/17/1997
LISN	EMCO 3825/2	9311-2154	9/17/1997
Turn Table	EMCO 1060	1068	4/22/1997
Antenna Tower	EMCO 1050	1113	4/22/1997
RF Cable	M17/75-RG214-NE	N/A	4/22/1997
Computer	HP9000/300	2614A78610	N/A
Printer	HP2225A	2728S02586	N/A
Plotter	HP7440A	2539A40856	N/A

Traceability to R.O.C. and international standards is assured by using calibrated all equipement.

For system measurement, the EUT "19A580BQ" was connected to:

Item	Model No.	Serial No.	FCC ID
1. Computer	IBM 6588-120	90-A58TZ	AN02161V
2. Keyboard	IBM KB-9826	K071940	E8HKB-5323
3. Mouse	HP M-S34	23-146196	DZL211029
4. Printer	HP 2225C	3123S97227	DSI6XU2225
5. Modem	Hayes 07-00038	A29900153966	BFJ9D907-00038
6. Vide Card	Winner 3000L	023004001190	KJGW3000L

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.

Both conducted and radiated testings 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 with both D-sub and BNC interface cables, 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.

Tested and reported modes as following:

Report No.	Resolution	Frequencies	I/O Cable
EMC98- 041	1600 x 1200	106.3KHz/85Hz	D-Sub
EMC97- 041A	1600 x 1200	106.3KHz/85Hz	BNC
EMC97- 041B	1600 x 1200	93.7KHz/75Hz	D-Sub

#### 3. Test Program and Test Results

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.

- 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 Hayes 07-00038 modem.
- Step 6: Return to step 1

All data in this report are "PEAK" value within 15dB margin unless otherwise noted. The radiated (open site) data has included antenna and cable factors, sample calculation:

Final Value  $(dB\mu v/m)$  = Reading (dBuv) + Antenna Factor (dB) + Cable Loss (dB)

The measured data of radiated RF interference at open site and line conducted interference as attached.

The subject device is in compliance with the limits for a class B digital device, pursuant to part 15, subport B of the FCC rules.

Ronnie Yang - Manager, Safety/Dev. PEI-CED

**NVLAP Signatory** 

5.84	99.82	90,12	42.6Σ!
2.84	98.82	31,1Σ	4.53!
( qBu√na)	VERTICAL	HORIZONTAL	(WH∑)
FOC CLASS B LIMIT	(dBuv/m)	(m\∨u8b)	EBEGNENCA

RADIATED RF LEVEL - PEAK VALUE

DEVIATION: NONE

THE TEST EQUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

EXTRA 4 USB CABLES WERE CONNECTED AC OUTLET.

D\_SUB INTERFACE CABLE WITH TWO FERRITE CORES WAS TESTED.

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EXTRA CORP.

TO DUMMY LOAD WAS USED.

EGOIDWENT IN THE RANGE OF 9KHZ TO 406HZ..

RADIO-NOISE EMISSION FROM LOW-VOLTAGE ELECTRICAL AND ELECTRONIC
ANSI C63.4-1992 "AMERICAN NATIONAL STANDARD FOR MEASUREMENT OF
NOTE: TEST WAS PERFORMED IN ACCORDANCE WITH FCC MEASUREMENT PROCEDURE

ECC ID: : KeyCDN314S

8: CD\_ROMD : SONY CDU31A S/N.: --

ECC ID: : K16M2000F

1. VIDEO CARD : WINNER 3000L S/N.: 023004001190

ECC ID: : E8HKB-2253

e' KEABO∀BD: IBW KB-8850 2\M': K051840

FCC ID, : DZLZ11029

2. MOUSE : IBM M-S34 S/N.: 23-146196

ECC ID: : 8E18D804-00028

4" WODEW : HYKER 01-00028 RIN": W5380012288E

Ecc ID' : DRIEXNSSSR

3. PRINTER : HP 2225G S/N.: 3145502419

FCC ID: : ANDSIGIA

Z: COMPUTER: IBM 6588-120 S/N.: 90-A581Z

ECC ID: : V2KW082

1. EUT : 19A580BQ (109MP) COLOR MONITOR S/N.: NO.26

LESTED SYSTEM:

MANUFACTURER : PEI-CED

PHILIPS ELECTRONICS INDUSTRIES (TAIMAN) LTD.

CONSUMER ELECTRONICS DIVISION (PEI-CED)

PHONOLI, TAOYUAN, TAIWAN, R.O.C.

THE SEG-3-4549887

PHONOLI, TAOYUAN, TAIWAN, R.O.C.

THE SECTRONICS INDUSTRIES (TAIWAN) LTD.

TEST PERFORMED BY

LEST ENGL:: C.C.Wu
TEST DATE: MAY/16/1998
TEST ENGL:: C.C.Wu

ECC ID : W3KW083

			FCC ID : A3KM083 #041 CONT
197.21	29.57	31.57	43.5
208.81	32.4	AMBIENT	43.5
232	34.7	34.1	46
301.61	34.208	3 <b>4.00</b> 8	46
324.81	29.6	29.9	46
348	33.552	32.852	46
371,24	31.7	30	46
394.43	32.284	31.284	46
417.61	34.216	35.216	46
440.83	37.684	35.384	46
556.83	37.768	37.368	4.6
580.01	38.46	35.56	46
603.24	36.696	35 <b>.69</b> 6	46
6 <del>9</del> 6	38.704	38.604	46

# ABOVE READINGS ARE PEAK READINGS WITH CABLE AND ANTENNA FACTORS INCLUDED. SPECTRUM ANALYZER SETTINGS:

RBW : 100KHz UBW : 100KHz

# QUASI-PEAK READINGS ARE TAKEN WITH ROHDE & SCHWARZ EMI TEST RECEIVER 20 - 1000MHz ESVS 30 :

# RADIATED RF LEVEL - QUASI-PEAK VALUE

FREQUENCY	HORIZONTAL	VERTICAL	FCC CLASS B LIMIT
(MHz)	(dBuv/m)	(dBuv/m)	(dBuv/m)
46.39 69.61 114.21 116 126.98 185.61 464.01	28.24 34.1 32.64 35.46 30.01 37.54 39.136	35.54 33.2 37.04 35.86 35.71 17.04 39.736	40 40 43.5 43.5 43.5 43.5

THE SPECTRUM WAS SCANNED FROM 30 TO 1000 MHz AND THE SIGNIFICANT EMISSIONS ARE RECORDED.

TEST DISTANCE BETWEEN DEVICE UNDER TEST AND RECEIVING ANTENNA WAS 3-METER.

# SAMPLE CALCULATION :

FINAL VALUE (dBuv/m) = ANTENNA FACTOR (dB) + CABLE (dB) + READING (dBuv/m)

- # THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY
- # THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NVLAP OR ANY ANGENCY OF THE U.S. GOVERNMENT

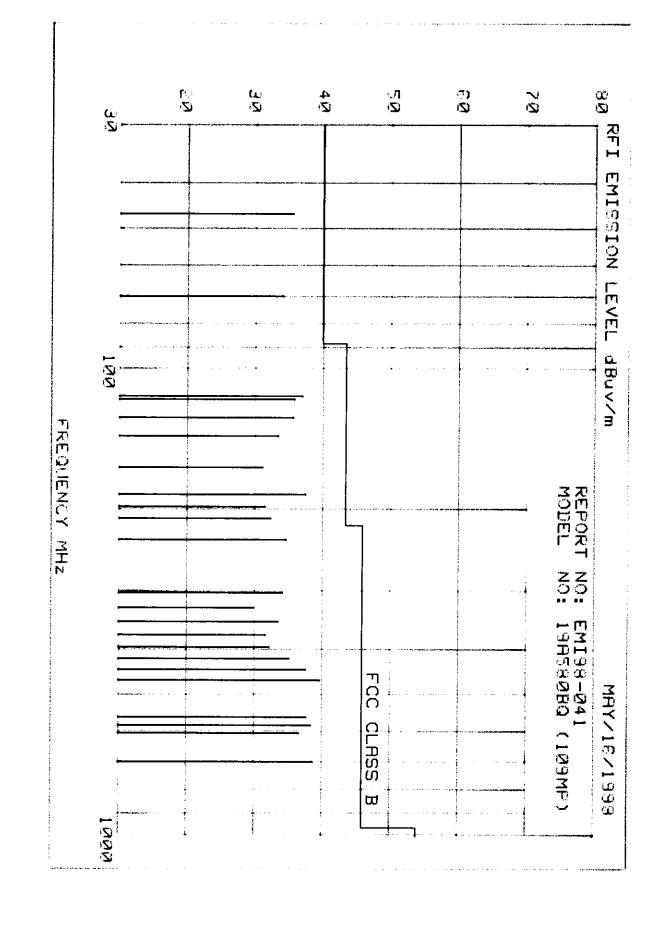
THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

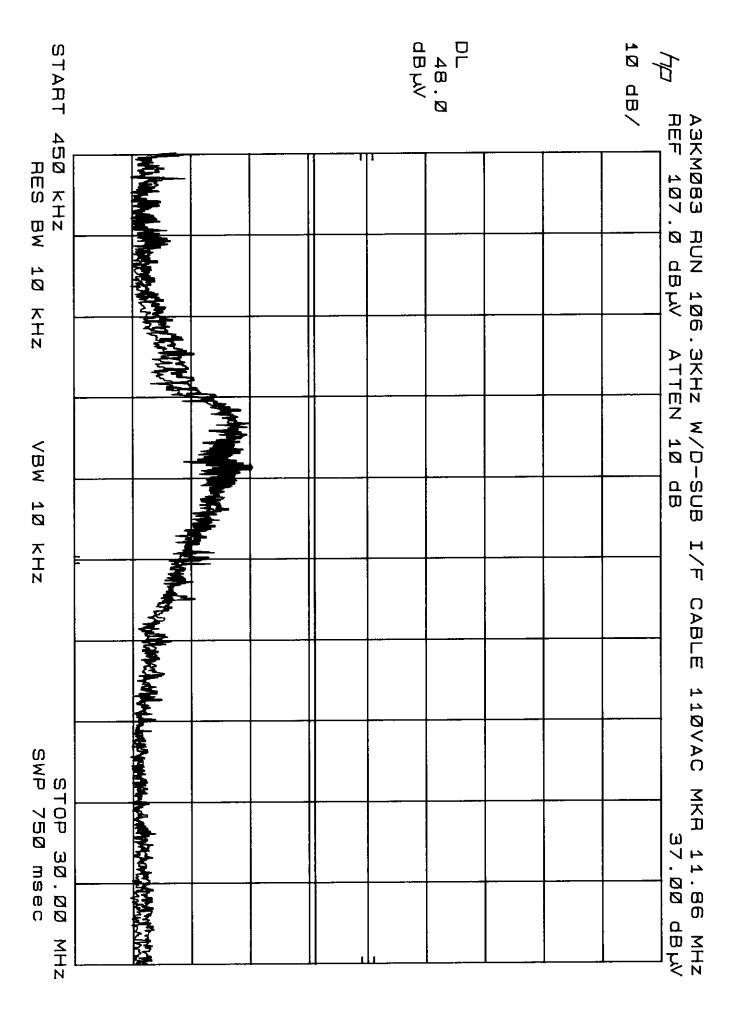
CHECKED BY: K.J H2\_

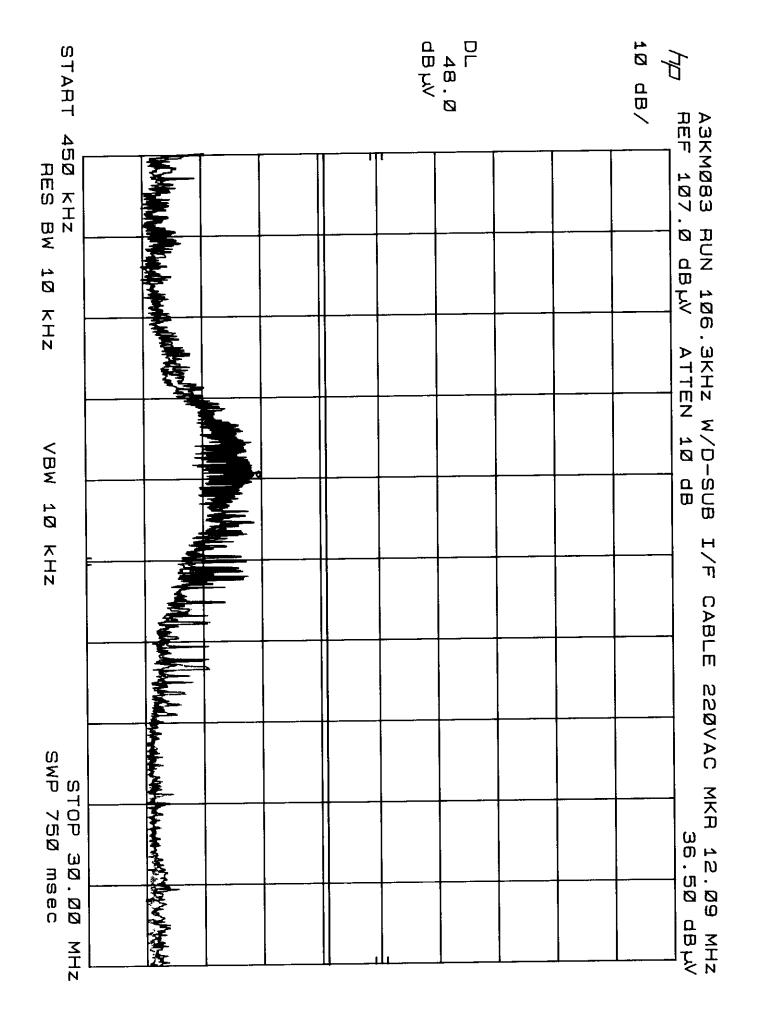
K.J.HSU, NVLAP SIGNATORY

TESTED RV:

65 WW







### FCC TEST REPORT

FCC ID : A3KM083
REPORT NO.: EMI98-041A
TEST DATE : MAY/17/1998
TEST ENGI.: C.C.Wu

TEST PERFORMED BY
PHILIPS ELECTRONICS INDUSTRIES (TAIWAN) LTD.
CONSUMER ELECTRONICS DIVISION (PEI-CED)
EMI-LAB

P.O.BOX 123

CHUNGLI, TAOYUAN, TAIWAN, R.O.C. TEL: 886-3-4549862 FAX: 886-3-4549887

MANUFACTURER : PEI-CED

TESTED SYSTEM:

1, EUT : 19A580BQ (109MP) COLOR MONITOR S/N.; NO.26

FCC ID. : A3KMØ83

2. COMPUTER: IBM 6588-120 S/N.: 90-A58TZ

FCC ID. : ANØ2161V

3, PRINTER : HP 22250 S/N.: 3145502419

FCC ID. : DSI6XU2225

4. MODEM : HAYES 07-00038 S/N.: A29900153966

FCC ID. : BFJ9D907-00038

5. MOUSE : IBM M-S34 S/N.: 23-146196

FCC ID. : DZL211029

6. KEYBOARD: IBM KB-9826 S/N.: K071940

FCC ID. : E8HKB-5323

7. VIDEO CARD : WINNER 3000L S/N.: 023004001190

FCC ID. : KJ6W3000L

8. CD ROMD : SONY CDU31A S/N.: --

FCC ID. : KGACDU31A2

NOTE: TEST WAS PERFORMED IN ACCORDANCE WITH FCC MEASUREMENT PROCEDURE 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 406Hz''

MONITOR WAS CONNECTED TO FLOOR MOUNTED AC OUTLET.
106.3Kz MODE(1600X1200/85Hz) WAS TESTED.
B.N.C. I/O CABLE WITH ONE FERRITE CORE WAS USED.
UNSHIELDED MAINS CORD WAS USED DURING TEST.
EXTRA EARPHONE AND MICPHONE WERE USED DURING TEST.
EXTRA 4 USB CABLES WERE CONNECTED TO DUMMY LOAD WAS USED.

THE TEST FOUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

**DEVIATION: NONE** 

## RADIATED RF LEVEL - PEAK VALUE

FREQUENCY	HORIZONTAL	VERTICAL	FCC CLASS B LIMIT
(MHz)	(dBuv/m)	(dBu∨/m)	(dBuv/m)
139.24	29.19	30.39	43.5
162.38	31.76	28.36	43.5

FCC ID : A3KM083 -- #041A CONT. --

208.81 232.01 301.61 348 371.24 394.43 417.62 440.82 487.21 510.41 533.63 556.83 580 603.2 696	32.1 32.7 33.308 32.252 30.2 31.084 34.416 38.284 35.984 36.936 37.068 37.26 35.396 38.904	AMBIENT 32.9 35.408 31.952 31.3 31.484 34.016 37.184 36.684 AMBIENT 38.236 37.768 35.96 35.096 38.504	43.5 46 46 46 46 46 46 46 46 46 46 46 46
696 765.6	38.904 39.156	38.504 38.556	46 46

# ABOVE READINGS ARE PEAK READINGS WITH CABLE AND ANTENNA FACTORS INCLUDED. SPECTRUM ANALYZER SETTINGS:

RBW : 100KHz

# QUASI-PEAK READINGS ARE TAKEN WITH ROHDE & SCHWARZ EMI TEST RECEIVER 20 - 1000MHz ESVS 30 :

#### RADIATED RF LEVEL - QUASI-PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT (dBuv/m)
46.39	27.14	34.74	40
69.6	33.9	34.8	40
114.21	33.24	37.94	43.5
115	34,96	37 <b>.06</b>	43.5
128.08	31.24	35.34	43.5
185.61	30.04	37.44	43.5
454	40.935	41.536	46

THE SPECTRUM WAS SCANNED FROM 30 TO 1000 MHz AND THE SIGNIFICANT EMISSIONS ARE RECORDED.

TEST DISTANCE BETWEEN DEVICE UNDER TEST AND RECEIVING ANTENNA WAS 3-METER.

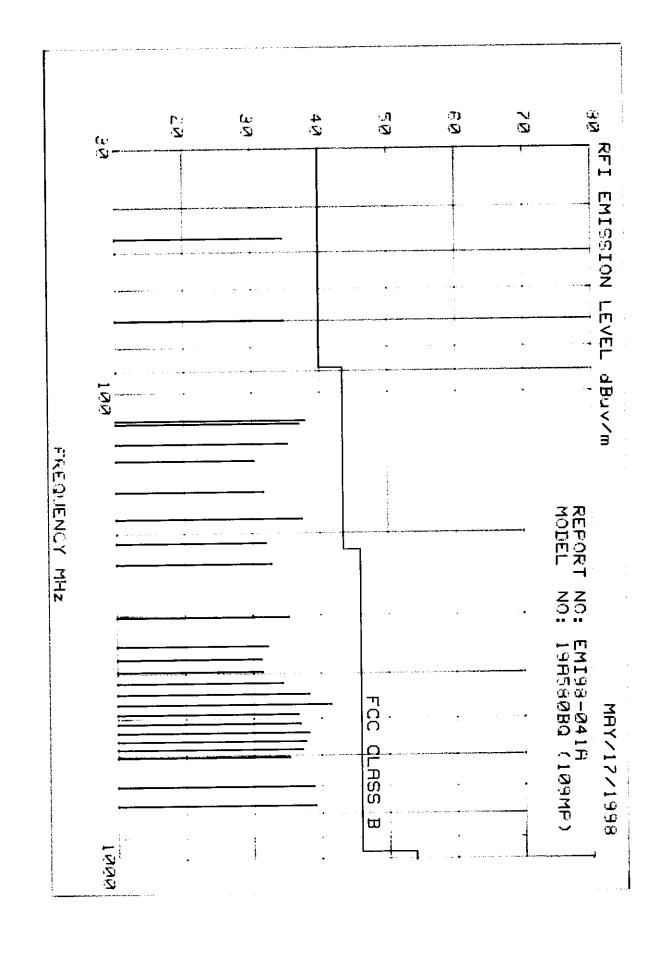
- # SAMPLE CALCULATION :
   FINAL VALUE (dBuv/m) = ANTENNA FACTOR (dB) + CABLE (dB) + READING (dBuv/m)
- # THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY
- # THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NVLAP OR ANY ANGENCY OF THE U.S. GOVERNMENT

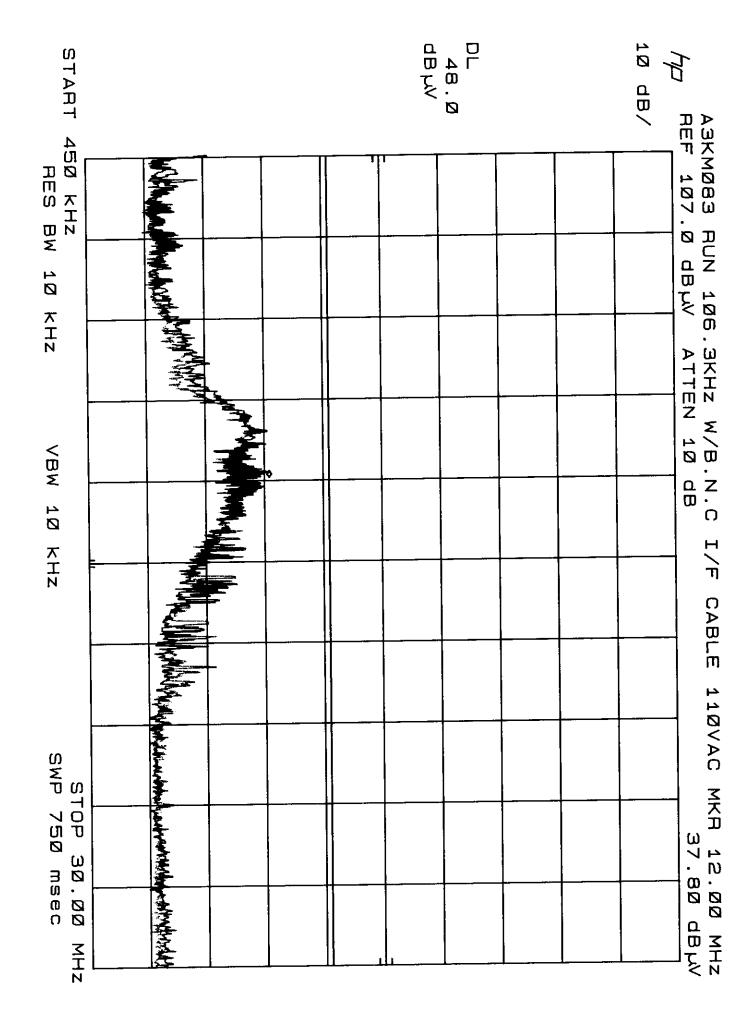
THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

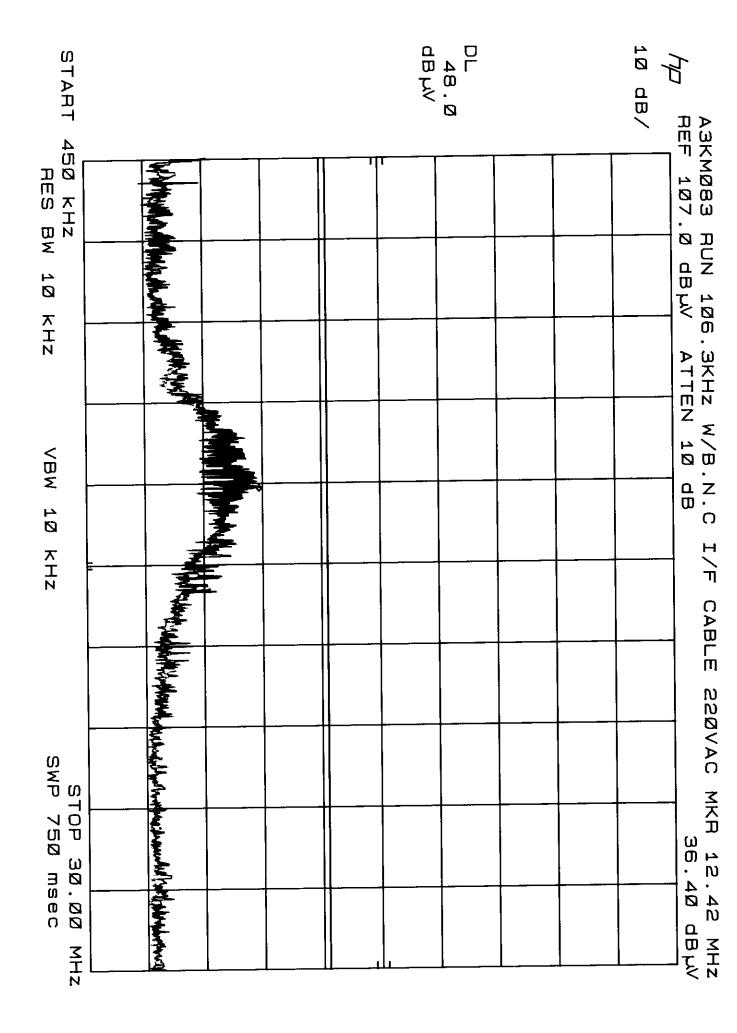
CHECKED BY: K. J 1-12

TESTED BY: AM

C.C.Wu







## FCC TEST REPORT

FCC ID : A3KM083
REPORT NO.: EMI98-041B
TEST DATE : MAY/18/1998
TEST ENGI.: C.C.Wu

TEST PERFORMED BY
PHILIPS ELECTRONICS INDUSTRIES (TAIWAN) LTD.
CONSUMER ELECTRONICS DIVISION (PEI-CED)

EMI-LAB P.O.BOX 123

CHUNGLI, TAOYUAN, TAIWAN, R.O.C. TEL: 886-3-4549862 FAX: 886-3-4549887

MANUFACTURER : PEI-CED TESTED SYSTEM:

1. EUT : 19A580BQ (109MP) COLOR MONITOR S/N.: NO.26

FCC ID. : A3KM083

2. COMPUTER: IBM 6588-120 S/N.: 90-A58TZ

FCC ID. : AN02161V

3. PRINTER : HP 22250 S/N.: 3145802419

FCC ID. : DSI6XU2225

4. MODEM : HAYES 07-00038 S/N.: A29900153966

FCC ID. : BFJ9D907-00038

5. MOUSE : IBM M-S34 S/N.: 23-146196

FCC ID. : DZL211029

6. KEYBOARD: IBM KB-9826 S/N.: K071940

FCC ID. : E8HKB-5323

7. VIDEO CARD : WINNER 3000L S/N.: 023004001190

FCC ID. : KJGW3000L

8. CD ROMO : SONY CDU31A S/N.: --

FOC ID. : KGACDU31AZ

NOTE: TEST WAS PERFORMED IN ACCORDANCE WITH FCC MEASUREMENT PROCEDURE 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 406Hz''

MONITOR WAS CONNECTED TO FLOOR MOUNTED AC OUTLET.
93.7KHz MODE(1600X1200/75Hz) WAS TESTED.
D-SUB INTERFACE CABLE WITH TWO FERRITE CORES WAS TESTED.
UNSHIELDED MAINS CORD WAS USED DURING TEST.
EXTRA EARPHONE AND MICPHONE WERE USED DURING TEST.
EXTRA 4 USB CABLES WERE CONNECTED TO DUMMY LOAD WAS USED.

EXTRA 4 03B GUBEES WELL COMMENTED TO SOME COMMENTED

THE TEST EQUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

DEVIATION: NONE

-- 1 --

FCC ID : A3KM083 -- #0418 CONT. --

# RADIATED RF LEVEL - PEAK VALUE

	HORIZONTAL (dBuv/m)		FCC CLASS B LIMIT (dBuv/m)
39.62	25.1	29.5	40
59.45		33.69	4 Ø
79.26	AMBIENT	31.02	4 Ø
138.67	32.29	33.59	43.5
158.48	32.3	28.4	43.5
178.3	AMBIENT	34.24	43.5
198,13	29.68	AMBIENT	43.5
217.91	32.44	32.34	46
297.16	35.54	37.04	46
316.97	31.168	29.568	46
336.78	31.688	30.988	46
356.61	32.3	32	46
376.42	32.736	30.536	46
396.21	32.356	32.556	46
416.02	34.192	33.292	46
435.85	38.264	35.464	46
475.48	35.7	34.3	46
495.26	35.74	35.24	46
515.1	35.22	36.22	46
534.91	38.04	38.64	46
554.74	37.22	36.92	46
574.53	35.7	34.8	46
594.33	37.228	36.728	46
633.99	AMBIENT	36.16	46
653.78	37.372	37.572	46

# ABOVE READINGS ARE PEAK READINGS WITH CABLE AND ANTENNA FACTORS INCLUDED. SPECTRUM ANALYZER SETTINGS:

RBW : 100KHz VBW : 100KHz

# QUASI-PEAK READINGS ARE TAKEN WITH ROHDE & SCHWARZ EMI TEST RECEIVER 20 - 1000MHz ESVS 30 :

# RADIATED RF LEVEL - QUASI-PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT
114.21	31.84	35.44	43.5
118.97	32.14	34.44	43.5
128.36	29.14	36.24	43.5
237.74	39.3	35.3	46
257.57	39.6	37.7	45
455.57	38.244	38.644	46

FCC ID : A3KM083 -- #041B CONT. --

THE SPECTRUM WAS SCANNED FROM 30 TO 1000 MHz AND THE SIGNIFICANT EMISSIONS ARE RECORDED.

TEST DISTANCE BETWEEN DEVICE UNDER TEST AND RECEIVING ANTENNA WAS 3-METER.

- # SAMPLE CALCULATION:
  FINAL VALUE (dBuv/m) = ANTENNA FACTOR (dB) + CABLE (dB) + READING (dBuv/m)
- # THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY
- # THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NULAP OR ANY ANGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

CHECKED BY: K, J. H'

K.J.HSU, NULAP SIGNATORY

TESTED BY

C.C.Wu

