

Exhibit 5

Test Data of Original

FCC ID : A3KM062
REPORT NO.: EMC96-157
TEST DATE : JUN/29/1996
TEST ENGI.: C.C.WU/H.H.HUANG

TEST PERFORMED BY
PHILIPS ELECTRONICS INDUSTRIES (TAIWAN) LTD.
CONSUMER ELECTRONICS DIVISION (PEI-CED)
EMI-LAB
P.O.BOX 123
CHUNG LI, TAoyUAN, TAIWAN, R.O.C.
TELEPHONE: (03)4522112

MANUFACTURER : PEI-CED
TESTED SYSTEM:

1. MONITOR : COMPAQ 610 S/N.: 121
FCC ID. : A3KM062
2. COMPUTER: COMPAQ 5166 S/N.: 3521V5
FCC ID. : CNT75MDCZ5
3. PRINTER : HP 2225C S/N.: 3145S02419
FCC ID. : DSI6XU2225
4. MODEM : HAYES 07-00038 S/N.: A29900153966
FCC ID. : BFJ9D907-00038
5. MOUSE : M-534-6MD S/N.: 1D75BD3F13RM
FCC ID. : DZL210472
6. KEYBOARD: RT-101 S/N.: 16D39D210438
FCC ID. : AQ6-MTN4XZ15
7. VIDEO CARD : MATROX 576-05 S/N.: -
FCC ID. : ID7057600

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.
60.0 KHz MODE(1024X758) WAS TESTED.
D-SUB INTERFACE CABLE WITH TWO FERRITE CORES WAS USED.
UNSHIELDED MAINS CORD WAS USED.

RADIATED RF LEVEL - PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT (dBuv/m)
31.52	27.82	33.42	40
39.36	26.94	31.84	40
47.24	31.88	32.58	40
63.01	26.09	32.29	40
236.29	39	37.6	46
275.67	39.84	36.84	46
299.3	38.08	37.38	40

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
MODEL NO.: ESVS30 (30MHz ~ 1000MHz)

RADIATED RF LEVEL - QUASI-PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuV/m)	VERTICAL (dBuV/m)	FCC CLASS B LIMIT (dBuV/m)
55.13	27.85	33.95	40
78.76	28.52	32.82	40
157.52	33.8	31.2	43.5
291.44	38.62	32.82	46
330.82	40.044	37.544	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 :

$\text{dBuV/m} = \text{ANTENNA FACTOR (dB)} + \text{CABLE (dB)} + \text{READING}$

CHECKED BY :

K. J. Hsu

K.J.HSU

TESTED BY :

H.H. Huang

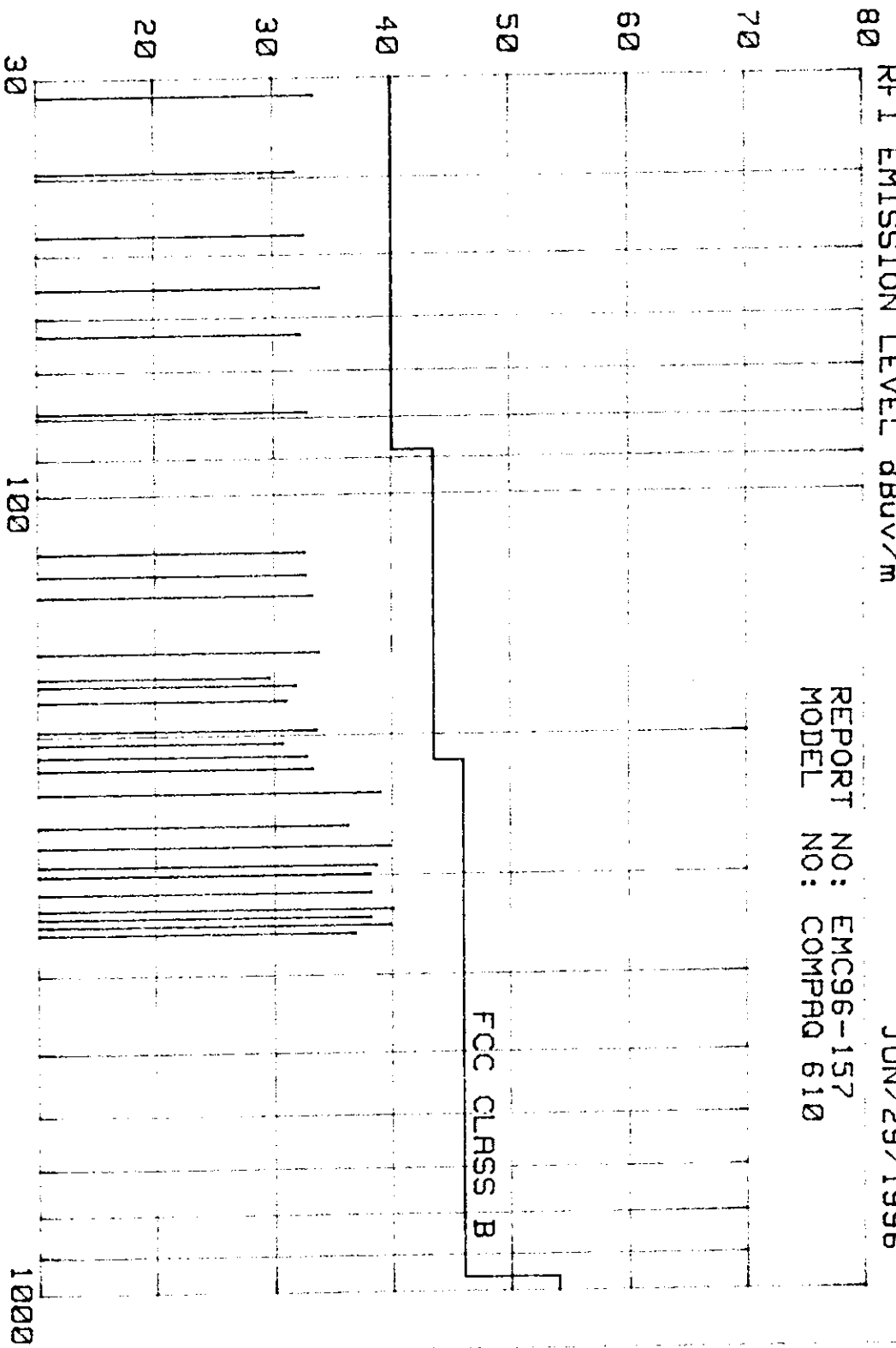
C.C.WU/H.H.HUANG

RFI EMISSION LEVEL dBuV/m

JUN/29/1996

REPORT NO: EMC96-157
MODEL NO: COMPAQ 610

FCC CLASS B



FREQUENCY MHz

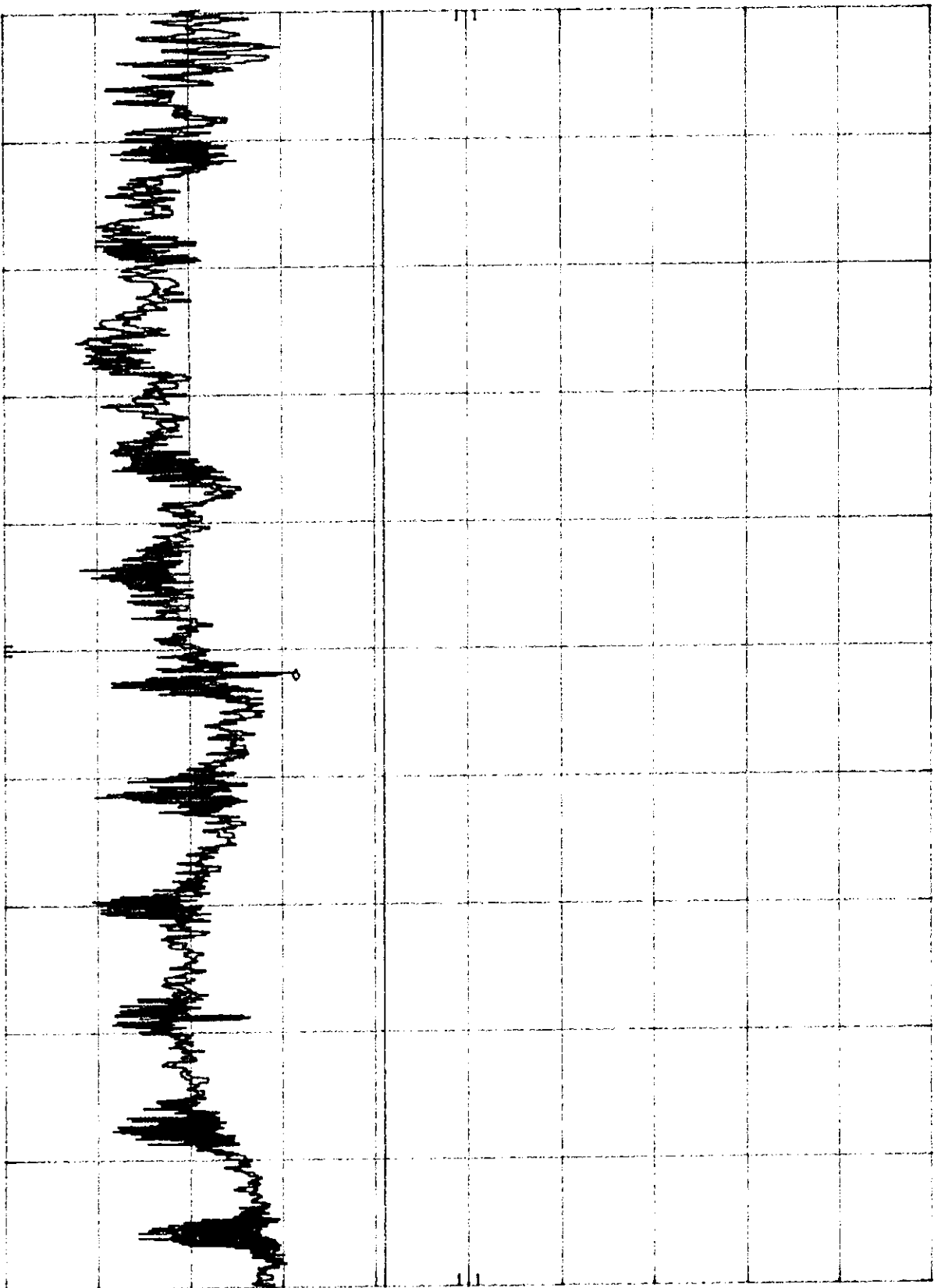
h_p

A3KM062 COMPAD 610 60KHz 220VAC
REF 107.0 dBμV ATTEN 10 dB

MKR 15.82 MHz
38.50 dBμV

10 dB/

DL
48.0
dBμV



START 450 KHz
RES BW 10 KHz

VBW 10 KHz

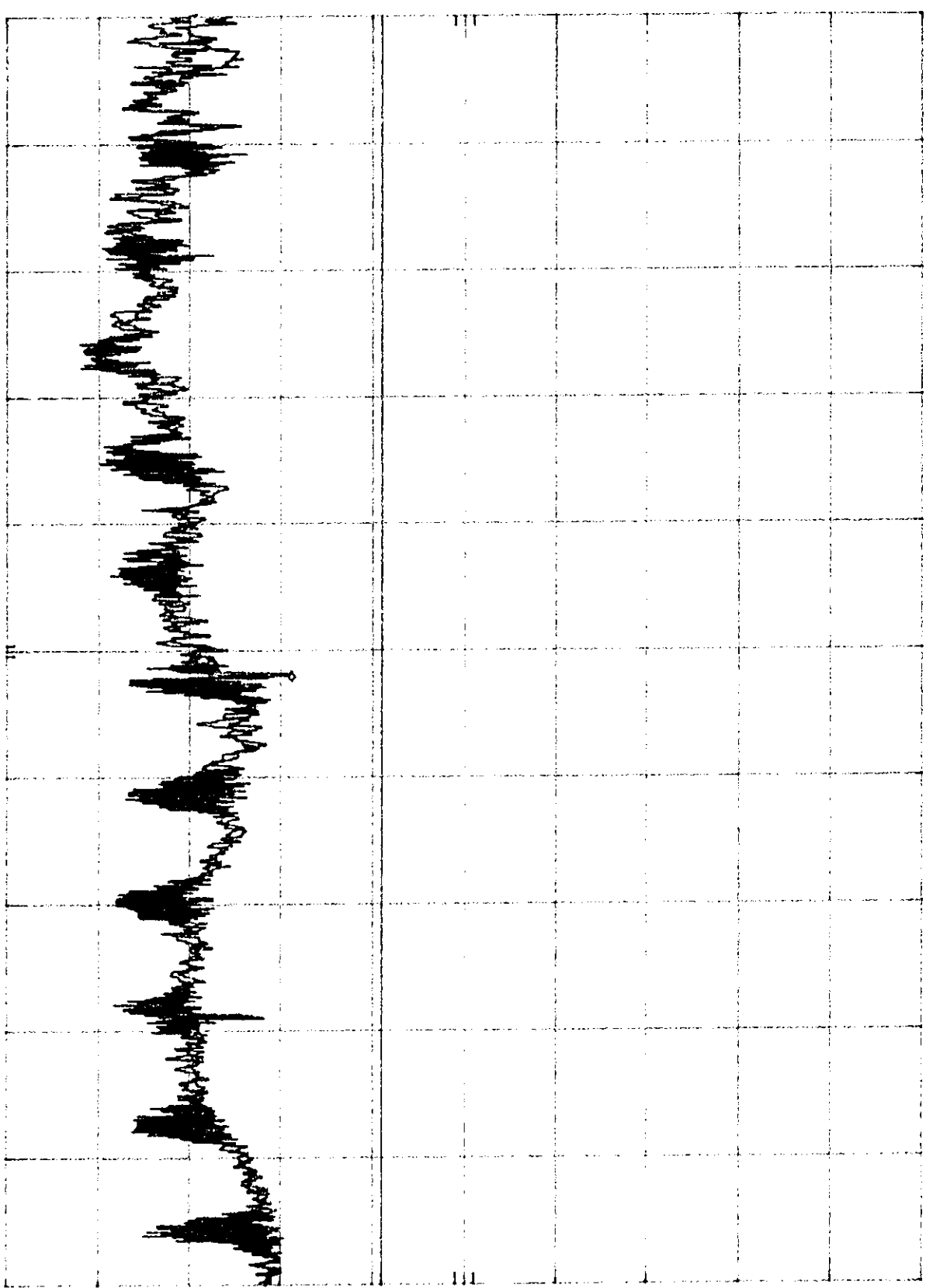
STOP 30.00 MHz
SWP 750 msec

A3KM062 COMPAD 610 60KHz 110VAC
REF 107.0 dBμV ATTEN 10 dB

MKR 15.82 MHz
38.20 dBμV

hp
10 dB/

DL
48.0
dBμV



START 450 KHz
RES BW 10 KHz
VBW 10 KHz
STOP 30.00 MHz
SWP 750 msec

FCC ID : A3KM062
REPORT NO.: EMC96-157A
TEST DATE : JUNE/30/1996
TEST ENGI.: C.C.WU/H.H.HUANG

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.
TELEPHONE: (03)4522112

MANUFACTURER : PEI-CED
TESTED SYSTEM:

1. MONITOR : COMPAQ 610 S/N.: 121
FCC ID. : A3KM062
2. COMPUTER: COMPAQ 5166 S/N.: 3521V5
FCC ID. : CNT75MDCZ5
3. PRINTER : HP 2225C S/N.: 3145502419
FCC ID. : DSI6XU2225
4. MODEM : HAYES 07-00038 S/N.: A29900153966
FCC ID. : BFJ9D907-00038
5. MOUSE : M-S34-6MD S/N.: 1D75BD3F13RM
FCC ID. : DZL210472
6. KEYBOARD: RT-101 S/N.: 1G039D210438
FCC ID. : AQ6-MTN4XZ15
7. VIDEO CARD : MATROX 576-05 S/N.: -
FCC ID. : 1D7057600

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 40GHz"

MONITOR WAS CONNECTED TO FLOOR MOUNTED AC OUTLET.
46.4 KHz MODE(1024X768) WAS TESTED.
D-SUB INTERFACE CABLE WITH TWO FERRITE CORES WAS USED.
UNSHIELDED MAINS CORD WAS USED.

RADIATED RF LEVEL - PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuV/m)	VERTICAL (dBuV/m)	FCC CLASS B LIMIT (dBuV/m)
45.93	30.64	33.44	40
53.22	30.83	30.63	40
78.78	31.12	30.02	40
118.16	32.18	30.28	43.5
137.85	32.28	30.68	43.5
157.55	31.4	29	43.5
177.24	AMBIENT	31.01	43.5
236.32	33.2	35.5	46
256.01	32.8	35.9	46
275.7	36.74	34.64	46

FCC ID : A3KM062
-- #157A CONT. --

334.78	34.64	32.44	46
354.48	36.8	38	46
374.18	32.2	31.6	46
398.98	35.364	38.664	46
413.56	32.468	33.768	46
487.76	33.616	AMBIENT	46
492.32	34.144	33.144	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
MODEL NO.: ESVS30 (30MHz ~ 1000MHz)

RADIATED RF LEVEL - QUASI-PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuV/m)	VERTICAL (dBuV/m)	FCC CLASS B LIMIT (dBuV/m)
32.05	26.12	33.32	40
34.33	26.34	33.44	40
198.94	30.67	33.67	43.5
216.62	32.26	30.26	46
332.52	40.01	40.61	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 :

$\text{dBuV/m} = \text{ANTENNA FACTOR (dB)} + \text{CABLE (dB)} + \text{READING}$

CHECKED BY :

K. J. Hsu

K.J.HSU

TESTED BY :

H.H. Huang

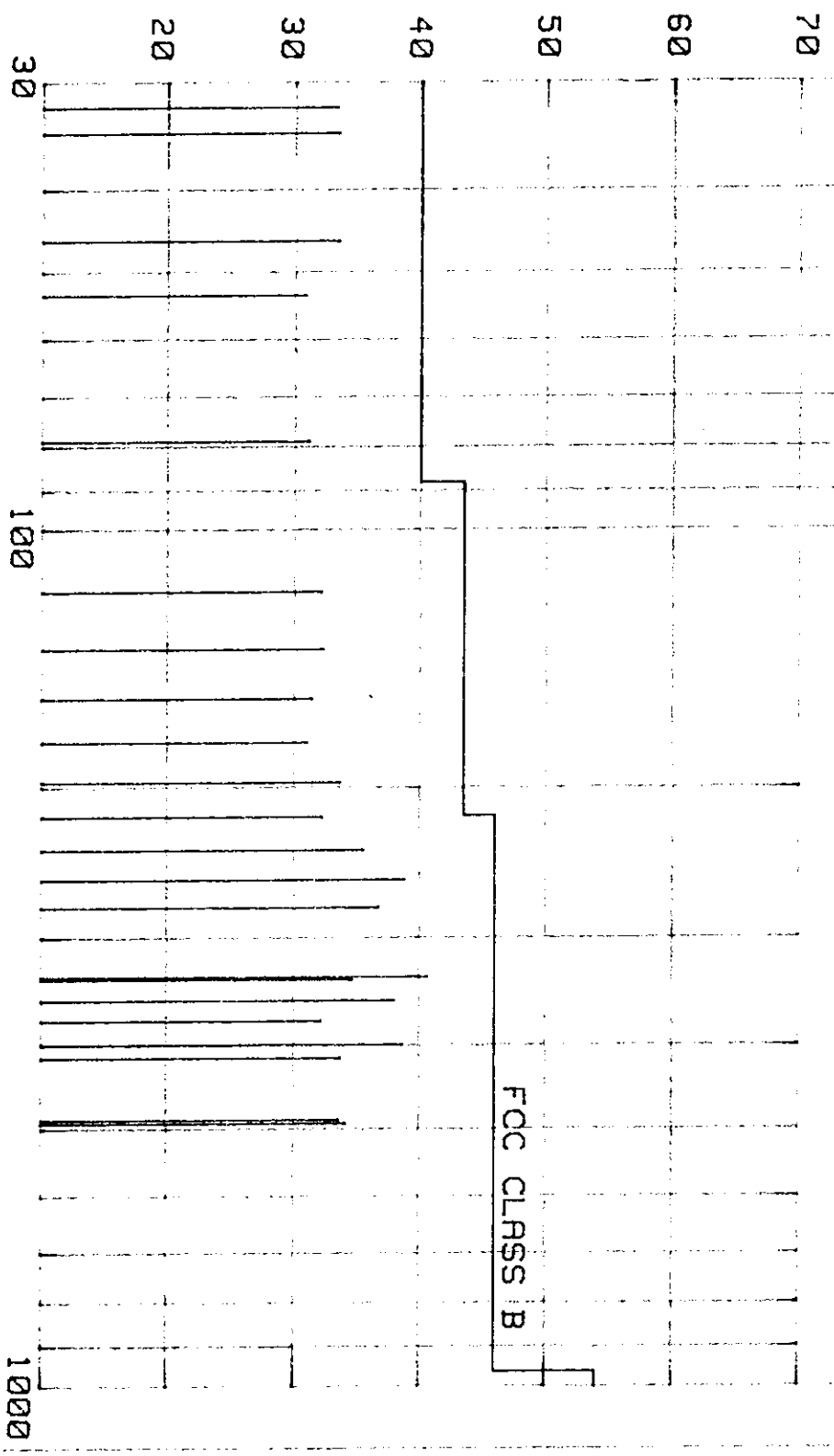
C.C.WU/H.H.HUANG

RFI EMISSION LEVEL dBuV/m

JUNE/30/1996

REPORT NO: EMC96-157A
MODEL NO: COMPRO 610

FCC CLASS B

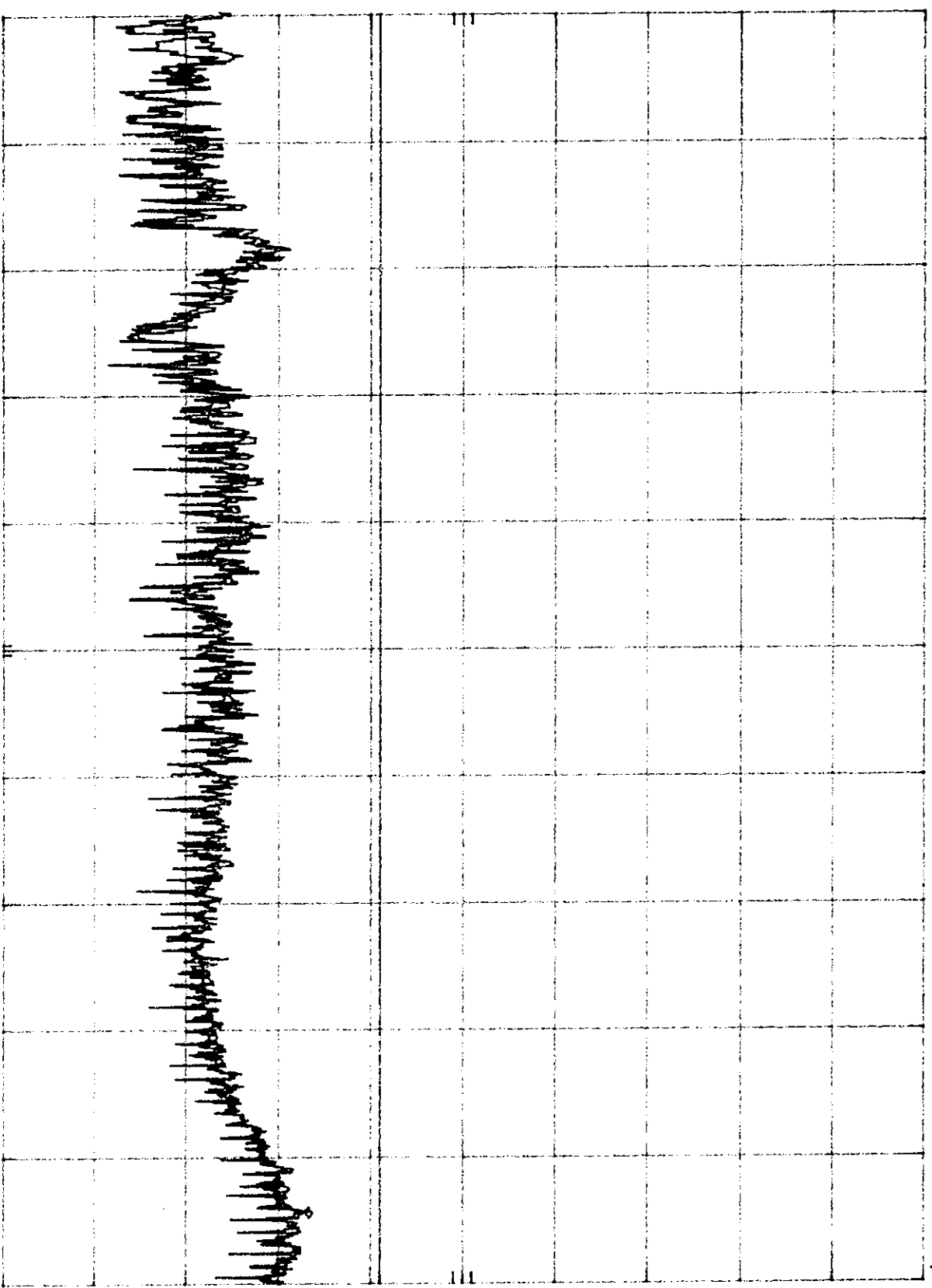


FREQUENCY MHz

hP A3KM062 COMPAD 610 48KHz 110VAC MKR 28.32 MHz
REF 107.0 dBμV ATTEN 10 dB 40.30 dBμV

10 dB/

DL
48.0
dBμV



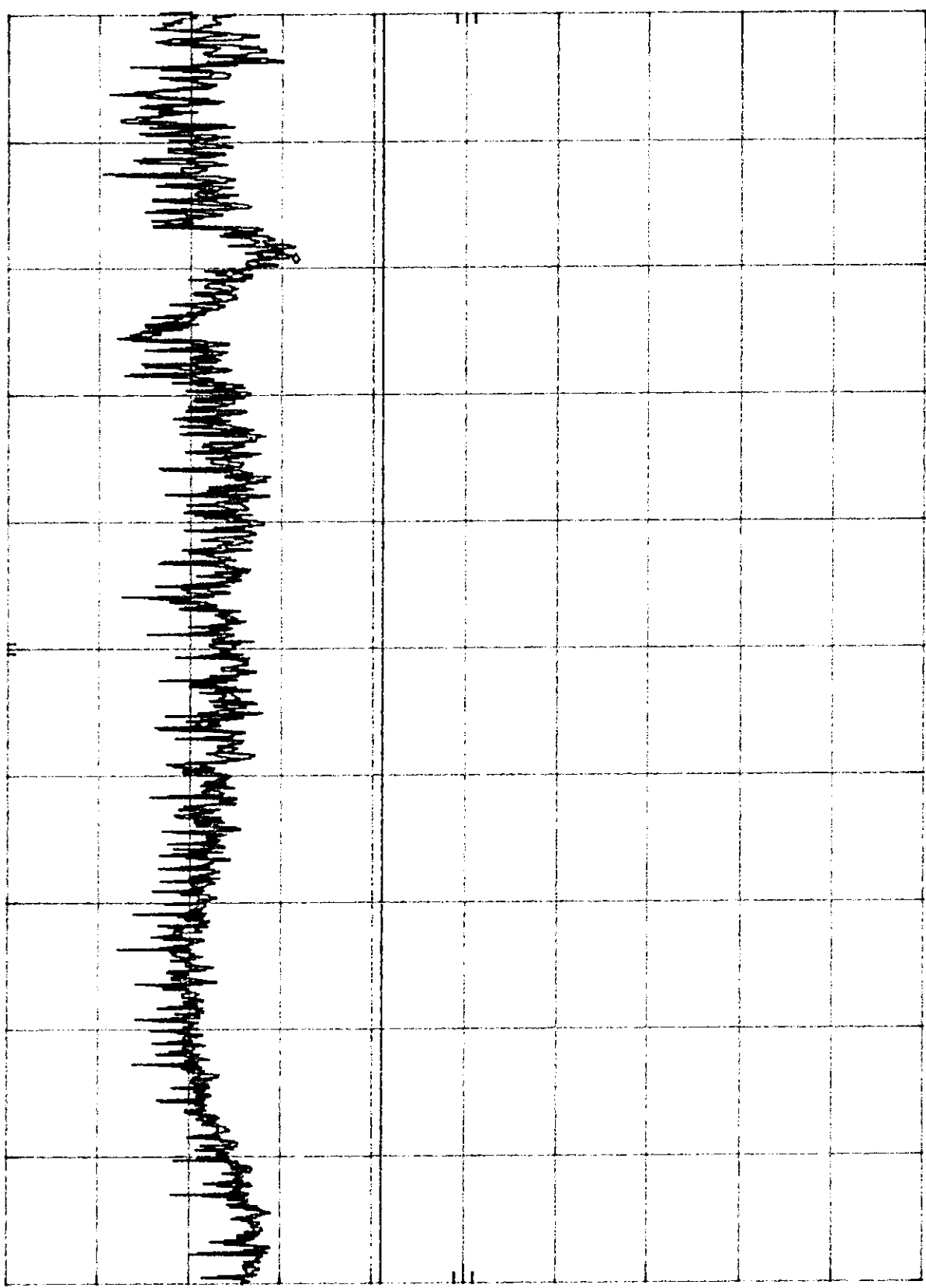
START 450 KHz STOP 30.00 MHz
RES BW 10 KHz VBW 10 KHz SWP 750 msec

HP

A3KM062 COMPAD 610 48KHz 220VAC MKR 6.12 MHz
REF 107.0 dBμV ATTEN 10 dB 38.50 dBμV

10 dB/

DL
48.0
dBμV



START 450 kHz RES BW 10 kHz VBW 10 kHz STOP 30.00 MHz
SWP 750 msec

FCC ID : A3KM062
REPORT NO.: EMC96-155
TEST DATE : 6/28/1996
TEST ENGI.: C.C.WU/H.H.HUANG

TEST PERFORMED BY
PHILIPS ELECTRONICS INDUSTRIES (TAIWAN) LTD.
CONSUMER ELECTRONICS DIVISION (PEI-CED)
EMI-LAB
P.O.BOX 123
CHUNG LI, TAOYUAN, TAIWAN, R.O.C.
TELEPHONE: (03)4522112

MANUFACTURER : PEI-CED
TESTED SYSTEM:

1. MONITOR : COMPAQ E10T S/N.: 119
FCC ID. : A3KM062
2. COMPUTER: COMPAQ 5166 S/N.: 3521V5
FCC ID. : CNT75MDCZ5
3. PRINTER : HP 2225C S/N.: 3145S02419
FCC ID. : DSI6XU2225
4. MODEM : HAYES 07-00038 S/N.: A29900153966
FCC ID. : BFJ9D907-00038
5. MOUSE : M-534-6MD S/N.: 1D75BD3F13RM
FCC ID. : DZL210472
6. KEYBOARD: RT-101 S/N.: 16D39D210438
FCC ID. : AQ6-MTN4XZ15
7. VIDEO CARD : MATROX 576-05 S/N.: -
FCC ID. : ID7057600

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.
60.0 KHz MODE(1024X768) WAS TESTED.
D-SUB INTERFACE CABLE WITH TWO FERRITE CORES WAS USED.
UNSHIELDED MAINS CORD WAS USED.

RADIATED RF LEVEL -- PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT (dBuv/m)
39.36	26.44	31.54	40
47.24	28.18	30.68	40
55.13	28.15	34.85	40
63.01	25.69	30.69	40
78.76	28.00	34.52	40
126.02	32.78	28.88	43.5
133.88	33.64	33.74	43.5
169.33	29.77	AMBIENT	43.5
173.27	31.09	AMBIENT	43.5
196.91	32.67	29.37	43.5

FCC ID : A3KM062

-- #155 CONT. --

204.79	30.6	30	43.5
228.42	33.66	33.26	46
236.29	38.2	38.3	46
248.11	35.12	33.92	46
252.05	35.7	33.6	46
259.94	35.2	34.2	46
263.86	38.86	34.26	46
270.26	39.8	34.3	46
272.18	37.18	33.98	46
279.17	39.26	34.66	46
299.32	38.08	36.48	46
303.24	32.812	32.012	46
307.17	35.128	34.828	46
318.45	39.172	32.472	46
322.29	39.788	33.588	46
362.31	37.9	37.6	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
MODEL NO.: ESUS30 (30MHz ~ 1000MHz)

RADIATED RF LEVEL - QUASI-PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuV/m)	VERTICAL (dBuV/m)	FCC CLASS B LIMIT (dBuV/m)
30.67	28.46	34.76	40
31.52	28.62	34.62	40
118.15	35.38	AMBIENT	43.5
157.52	38.1	30.5	43.5
228.09	35.06	35.46	46
267.79	39.62	32.42	46
283.42	38.35	33.25	46
287.49	39.65	34.85	46
326.87	40.146	35.146	46
330.82	41.844	35.344	46
338.69	38.536	34.836	46
346.55	40.128	38.928	46
358.36	40.6	40	46
370.2	41.1	41.9	46
378.07	39.008	38.008	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 :

$\text{dBuV/m} = \text{ANTENNA FACTOR (dB)} + \text{CABLE (dB)} + \text{READING}$

CHECKED BY : K. J. H.

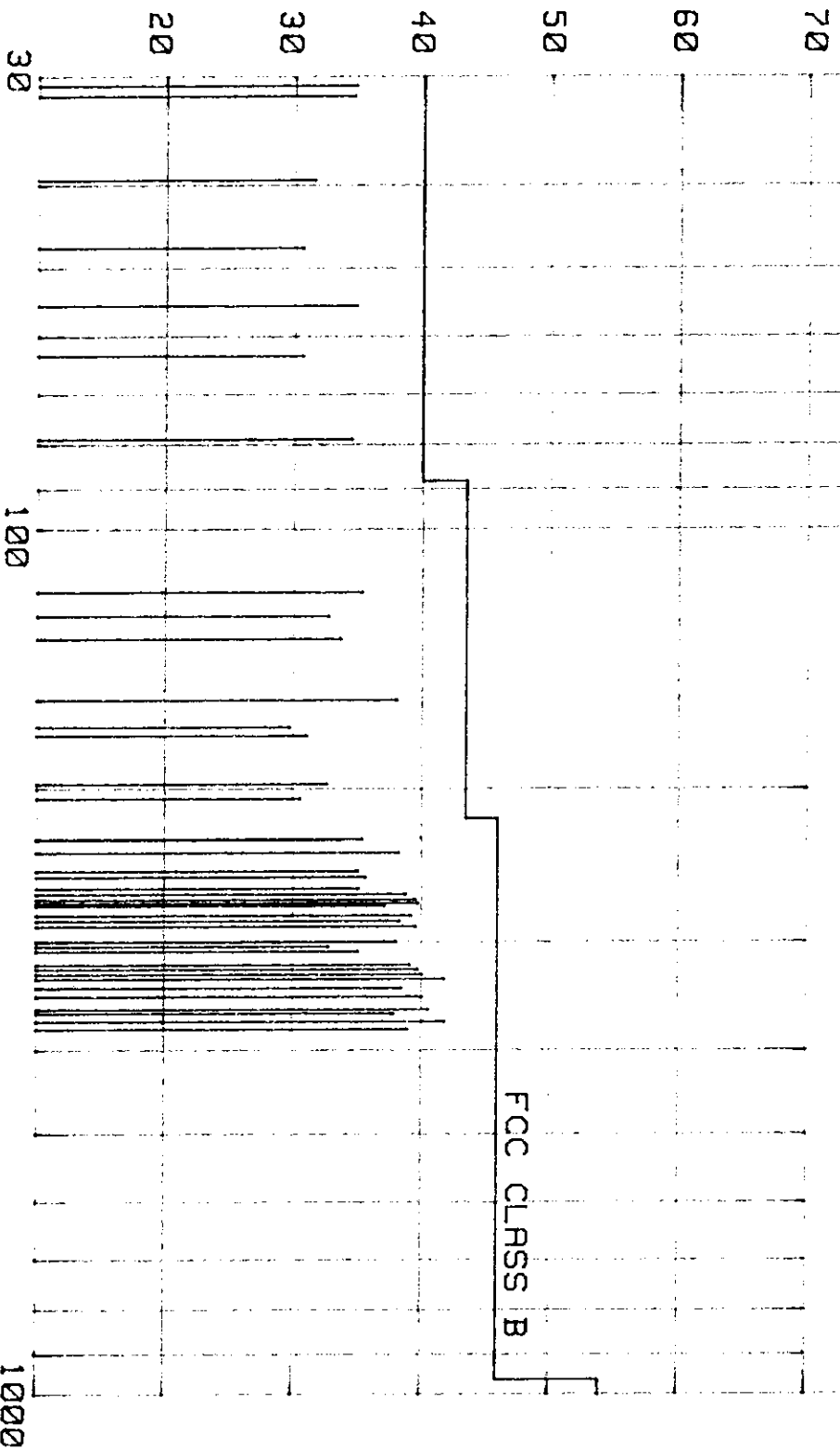
TESTED BY : H. H. H.

RFI EMISSION LEVEL dBuV/m

6/28/1996

REPORT NO: EMC96-155
MODEL NO: COMPAQ 610T

FCC CLASS B



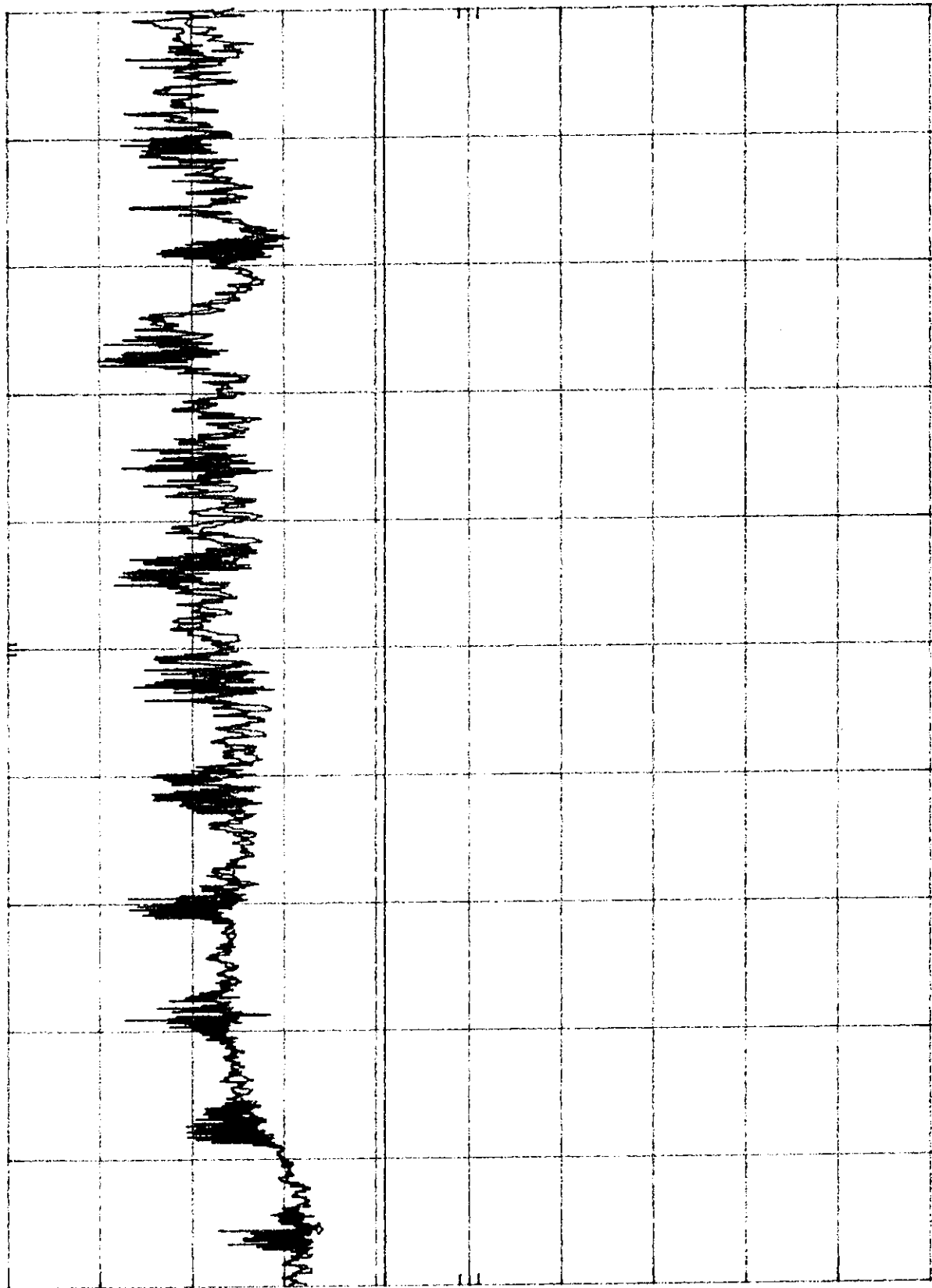
FREQUENCY MHz

A3KM062 COMPAAQ 610T 60KHz 110VAC
h_p REF 107.0 dBμV ATTEN 10 dB

MKR 28.64 MHz
40.80 dBμV

10 dB/

DL
48.0
dBμV



START 450 kHz

RES BW 10 kHz

VBW 10 kHz

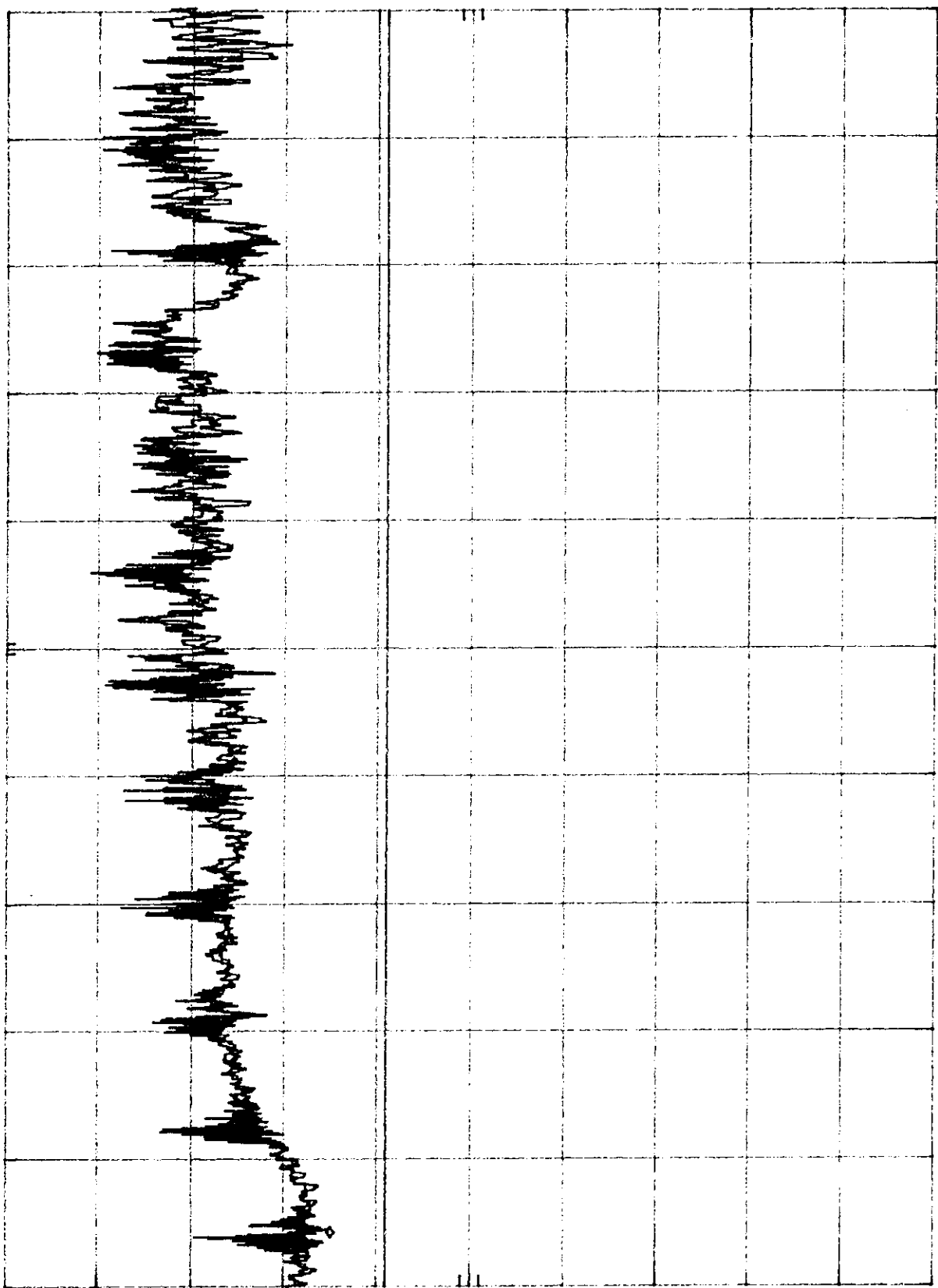
SWP 750 msec

A3KM062 COMPAD 610T 60KHz 220VAC
hP REF 107.0 dBμV ATTEN 10 dB

MKR 28.70 MHz
42.30 dBμV

10 dB/

DL
48.0
dBμV



START 450 KHz RES BW 10 KHz VBW 10 KHz STOP 30.00 MHz
SWP 750 msec

Exhibit 6

**Statement of Data Measuremed
and
Test Data of Modified**

STATEMENT OF DATA MEASURED

1. General Information of EUT

The EUT, 15" supper VGA color monitor automatically scans horizontal frequencies between 30KHz and 54KHz, and vertical frequencies between 50Hz and 120Hz. This color monitor displays sharp and brilliant images of text and graphics with a maximum resolution up to 1024X768 pixels. With microprocessor based digital controlled circuit and software control, the monitor can automatically adjust itself to the video card's scanning frequency and displays an image with the precise parameters you desire.

There are 3 models will be under this FCC ID for different marketing regions as following:

FCC ID : A3KM062
Brand : IBM

Model No.	Power Supply	Marketing Region
2235-00N	100-240VAC	Northern Hemisphere
2235-00E	100-240VAC	Equatorial
2235-00S	100-240VAC	Southern Hemisphere

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

	Resolution	H-Frequency	V-Frequency	Remark
M01	720 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	640 X 480	37.9KHz	85Hz	Non-interlaced
M05	640 X 480	43.3KHz	85Hz	Non-interlaced
M06	800 X 600	46.9KHz	75Hz	Non-interlaced
M07	800 X 600	53.6KHz	85Hz	Non-interlaced
M08	1024 X 768	48.3KHz	60Hz	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.cemail.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	2811A03214	4/15/1998
EMI Receiver	HP85460A	3441A00199	5/11/1998
RFI Filter Section	HP85460A	3330A00177	5/11/1998
EMI Receiver	R & S ESVS30	8419977/066	11/21/1997
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	6/08/1998
LISN	EMCO 3825/2	9311-2154	6/08/1998
Turn Table	EMCO 1060	1068	10/16/1997
Antenna Tower	EMCO 1050	1113	10/16/1997
RF Cable	M17/75-RG214-NE	N/A	10/16/1997
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 equipment.

For system measurement, the EUT “2235-00N” was connected to:

Item	Model No.	Serial No.	FCC ID
1. Computer	IBM V66XA	S14A0007Z	FCC Logo
2. Keyboard	IBM KB-8926	K071940	E8HKB-5323
3. Mouse	IBM M-S34	23-146196	DZL211029
4. Printer	HP 2225C	3123S97227	DSI6XU2225
5. Modem	Hayes 07-00038	A29900153966	BFJ9D907-00038
6. Vide Card	Built-in	--	--

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 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.

Tested and reported modes as following:

Report No.	Model No.	Resolution	Frequencies
EMI98-049	2235-00N	800 X 600	53.7KHz/85Hz
EMI98-049A	2235-00N	1024 X 768	48.3KHz/60Hz

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.

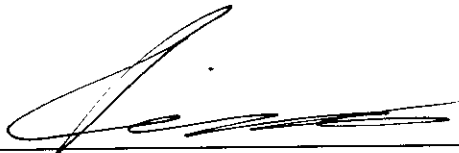
- Step 1 : Run the "HTEST.EMI" on personal computer then sends "H" character to monitor continuously until full screen.
- Step 2 : Personal computer sends a complete line of continuously repeating "H" to HP 2225C printer.
- Step 3 : Personal computer sends a file of "H" pattern to floppy disk then read 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" pattern 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:

$$\text{Final Value (dB}\mu\text{V/m)} = \text{Reading (dB}\mu\text{V)} + \text{Antenna Factor (dB)} + \text{Cable Loss (dB)}$$

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, subpart B of the FCC rules.



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

FCC TEST REPORT

FCC ID : A3KM062
REPORT NO.: EMI98-049
TEST DATE : JUN/27/1998
TEST ENGL.: 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 : IBM 2235-00N COLOR MONITOR S/N.: --
FCC ID. : A3KM062
2. COMPUTER: IBM V66XA S/N.: 11S8135901S14A0007Z
FCC ID. : FCC LOGO
3. PRINTER : HP 2225C S/N.: 3145S02419
FCC ID. : DSI6XU2225
4. MODEM : USROBOTICS 14400 S/N.: 2680559278575
FCC ID. : CJE-0318
5. MOUSE : IBM M-934 S/N.: 23-146196
FCC ID. : DZL211029
6. KEYBOARD: IBM KB-9826 S/N.: K071940
FCC ID. : E8HKB-5323
7. VIDEO CARD : BUILT-IN S/N.: --
FCC ID. : --

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.
53.7KHz MODE(800X600/85Hz) WAS TESTED.

UNSHIELDED MAINS CORD WAS USED DURING TEST.

THE TEST EQUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

DEVIATION: NONE

RADIATED RF LEVEL - PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT (dBuv/m)
72.94	26.84	32.14	40
80.05	AMBIENT	33.9	40

FCC ID : A3KM062

-- #049 CONT. --

117.75	28.48	30.68	43.5
123.47	29.99	31.09	43.5
129.07	32.37	32.07	43.5
140.3	30	AMBIENT	43.5
157.13	28.65	30.25	43.5
168.36	30.14	28.94	43.5
241.29	33.24	34.64	46
308.65	30.136	29.636	46
336.7	32.688	31.888	46
342.32	31.308	30.308	46
375.98	30.736	30.636	46
381.59	31.952	30.652	46
432.11	32.368	31.868	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 (dBuV/m)
34.2	27.04	34.14	40
39.28	25.94	34.04	40
44.88	30.3	32.6	40
58.24	27.38	33.98	40
75.56	28.28	32.78	40

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 AGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

CHECKED BY:

K. J. Hsu

K.J.HSU, NULAP SIGNATORY

TESTED BY:

C.C. Wu

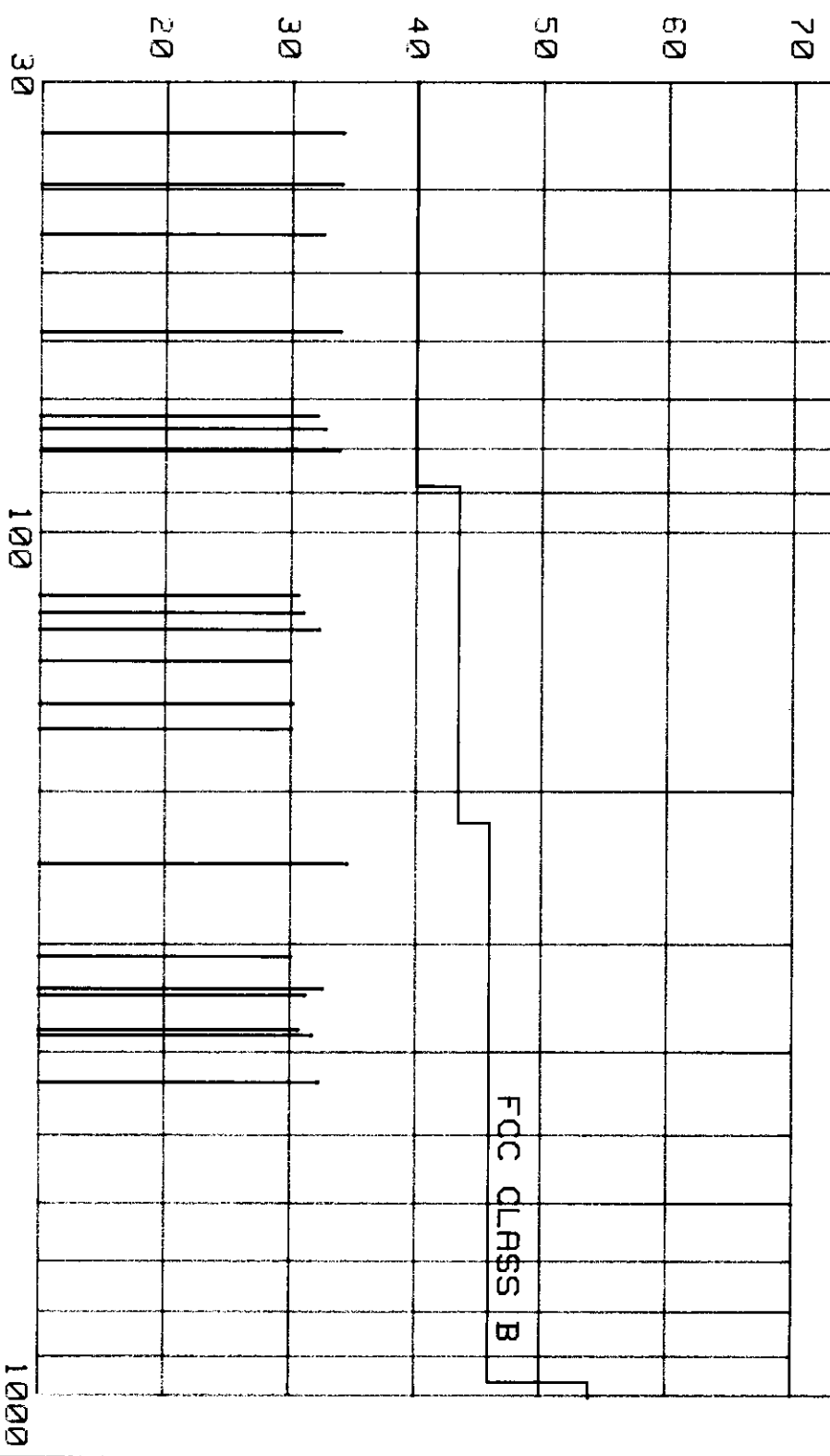
C.C.Wu

RFI EMISSION LEVEL dBuV/m

JUN/27/1998

REPORT NO: EMI98-049
MODEL NO: IBM 2235-00N

FCC CLASS B

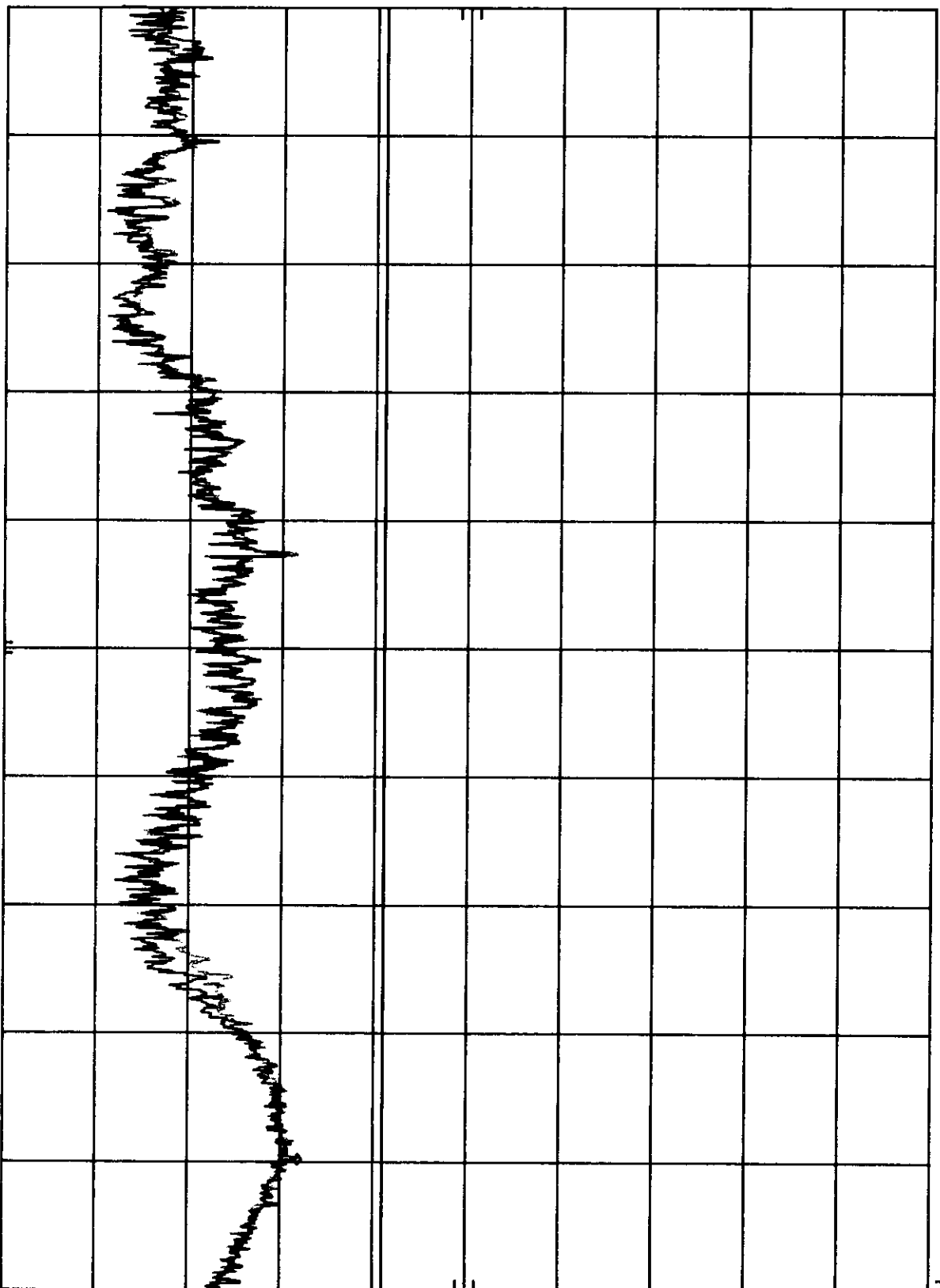


FREQUENCY MHz

h_p A3KM062 RUN 1024X768/60HZ 48.3KHZ MODE AC110V MKR 26.96 MHZ
REF 107.0 dBμV ATTEN 10 dB 38.90 dBμV

10 dB/

DL
48.0
dBμV

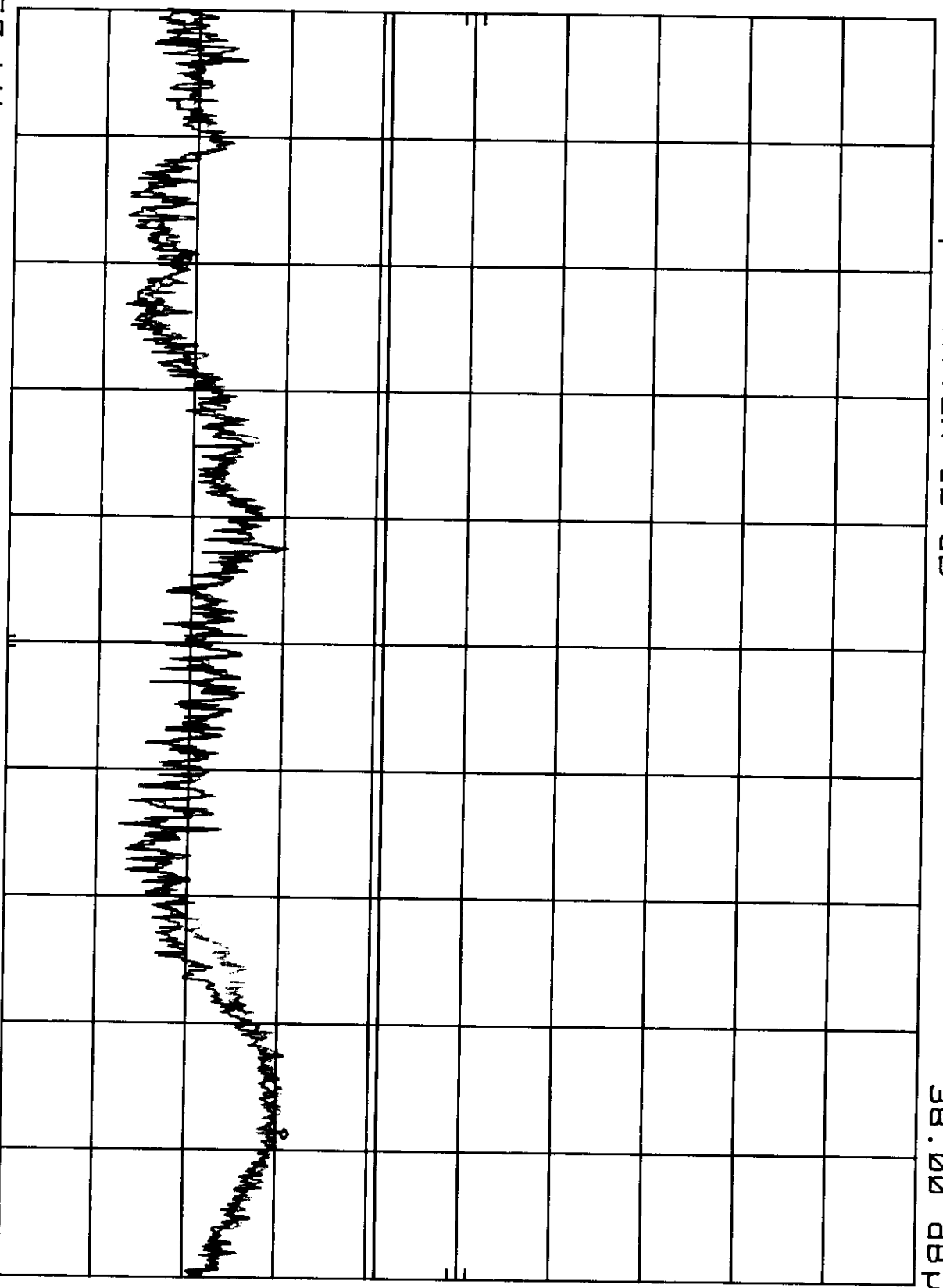


START 450 KHZ RES BW 10 KHZ VBW 10 KHZ STOP 30.00 MHZ
SWP 750 msec

A3KM062 RUN 1024X768/60HZ 48.3KHZ MODE AC220V MKR 26.63 MHZ
h_p REF 107.0 dBμV ATTEN 10 dB 38.00 dBμV

10 dB/

DL
48.0
dBμV



START 450 KHZ RES BW 10 KHZ VBW 10 KHZ STOP 30.00 MHZ SWP 750 msec

FCC TEST REPORT

FCC ID : A3KM062
 REPORT NO.: EMI98-049A
 TEST DATE : JUN/28/1998
 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 : IBM 2235-00N COLOR MONITOR S/N.: --
 FCC ID. : A3KM062
2. COMPUTER: IBM V66XA S/N.: 11S8135901S14A0007Z
 FCC ID. : FCC L060
3. PRINTER : HP 2225C S/N.: 3145S02419
 FCC ID. : OSI6XU2225
4. MODEM : USROBOTICS 14400 S/N.: 2680559278575
 FCC ID. : CJE-0318
5. MOUSE : IBM M-634 S/N.: 23-146196
 FCC ID. : DZL211028
6. KEYBOARD: IBM KB-8826 S/N.: K071940
 FCC ID. : E8HKB-5323
7. VIDEO CARD : BUILT-IN S/N.: --
 FCC ID. : --

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 40GHz"

MONITOR WAS CONNECTED TO FLOOR MOUNTED AC OUTLET.
 48.3KHz MODE(1024X768/60Hz) WAS TESTED.

UNSHIELDED MAINS CORD WAS USED DURING TEST.

THE TEST EQUIPMENT PLEASE REFER TO EQUIPMENT LIST AS ATTACHED.

DEVIATION: NONE

RADIATED RF LEVEL - PEAK VALUE

FREQUENCY (MHz)	HORIZONTAL (dBuv/m)	VERTICAL (dBuv/m)	FCC CLASS B LIMIT (dBuv/m)
64.98	26.85	32.15	40
71.48	26.08	27.48	40
84.46	29.5	33.5	40
129.95	28.5	30.8	43.5
181.92	28.78	29.98	43.5
207.92	30.5	AMBIENT	43.5

253.39	34.05	34.15	46
259.89	34.2	34.4	46
305.34	31.82	29.42	46
311.86	30.148	29.248	46
318.36	32.472	30.172	46
324.86	35.6	32	46
337.86	32.512	31.412	46
344.34	32.056	32.056	46
350.83	32.2	31.9	46
370.33	32.1	31.5	46
402.81	35.336	35.336	46
409.31	32.008	33.808	46
415.79	31.992	31.492	46
441.79	34.908	35.208	46
448.29	32.952	32.752	46
454.79	32.12	32.62	46
467.79	34.232	33.332	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 (dBuV/m)
45.48	33.1	34.7	40
51.98	30.92	33.82	40
58.48	28.08	34.78	40
59.52	29.2	34	40
116.95	30.72	33.02	43.5
227.41	32.44	AMBIENT	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)

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THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NVLAP OR ANY AGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

CHECKED BY:

K. J. H

TESTED BY:

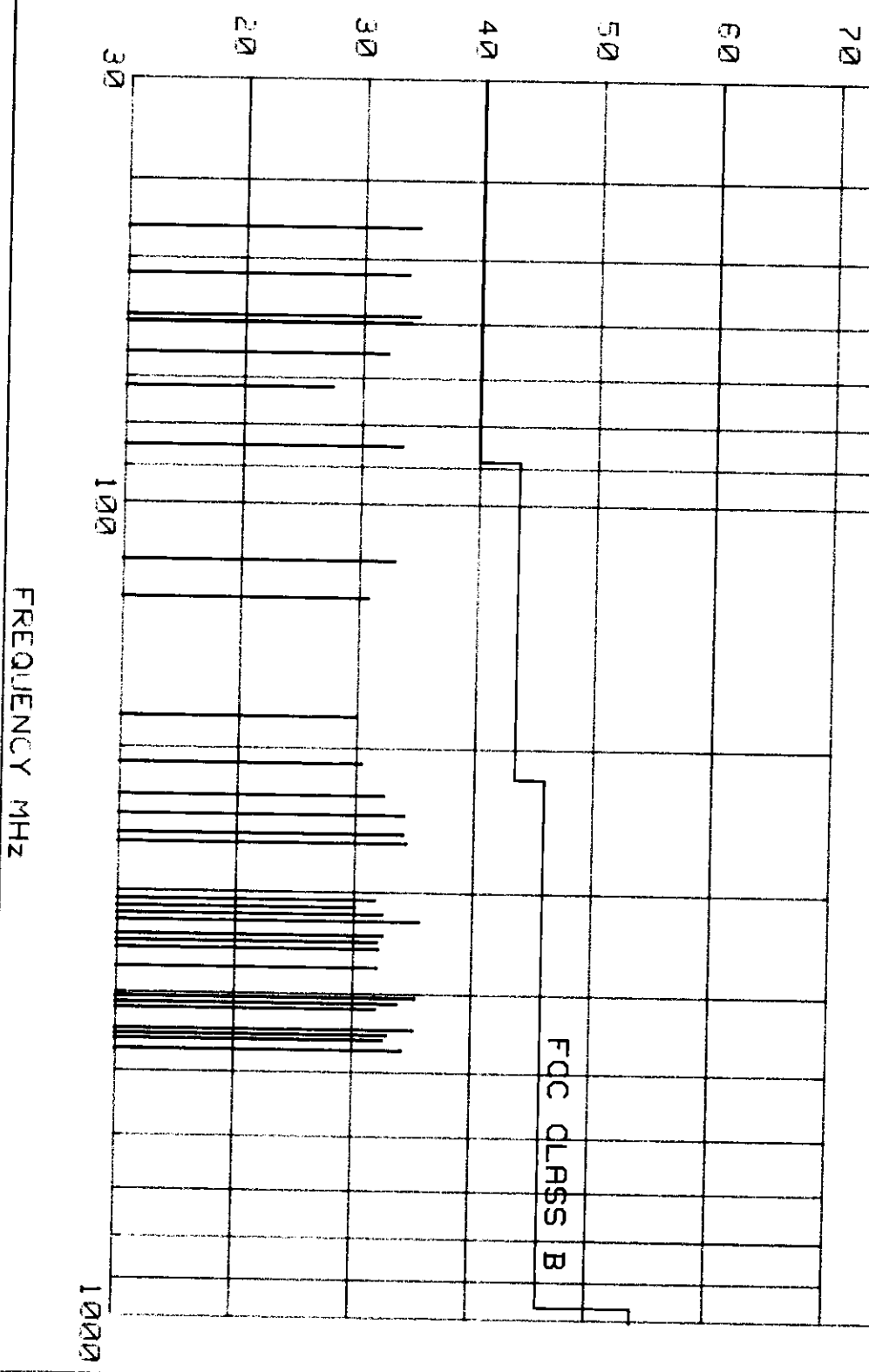
[Signature]

RFI EMISSION LEVEL dBuV/m

JUN/28/1998

REPORT NO: EMI98-049A
MODEL NO: IBM 2235-00N

FCC CLASS B

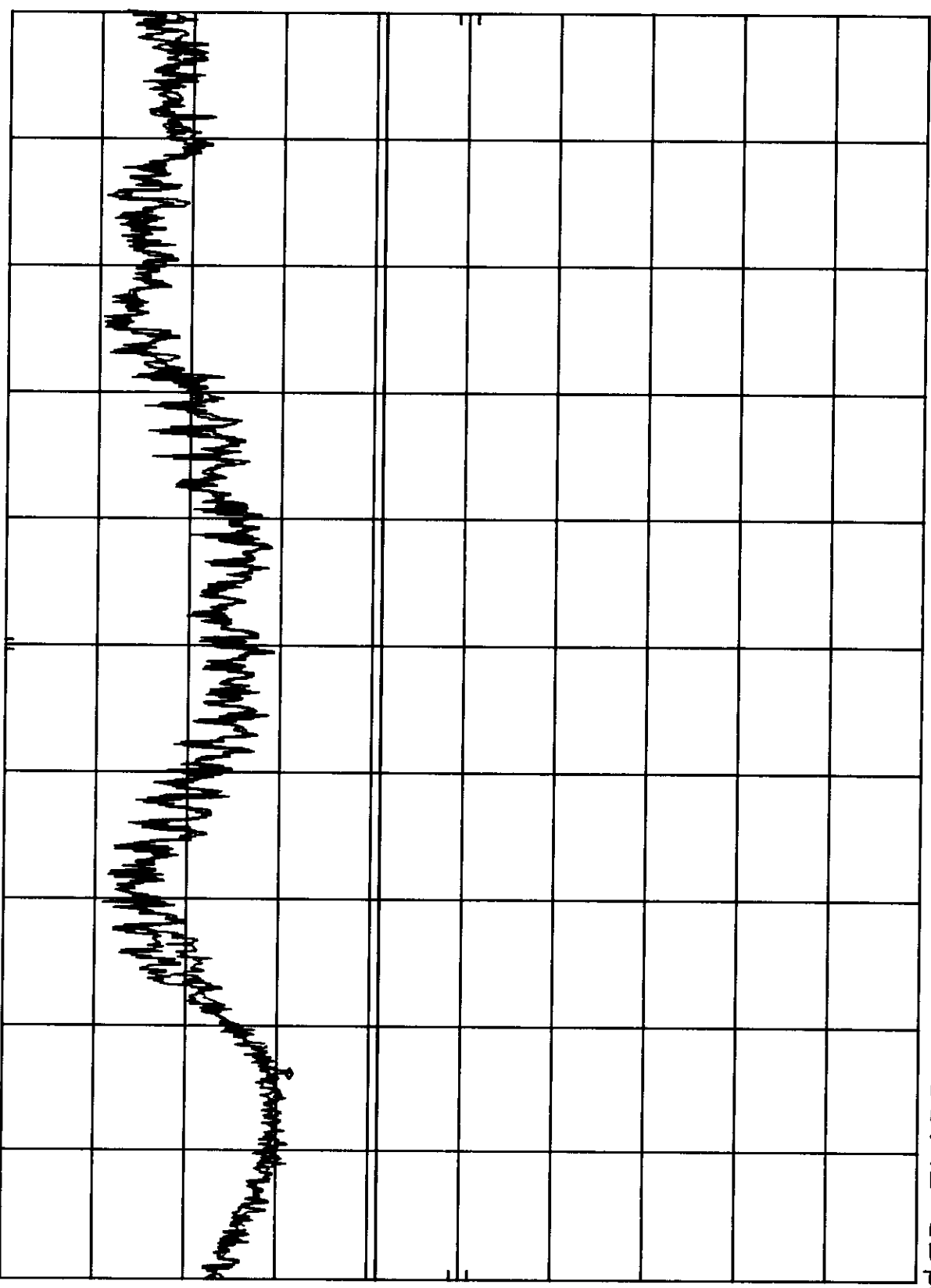


FREQUENCY MHz

A3KM062 RUN 800X600/85HZ 53.7KHZ MODE AC110V MKR 25.18 MHZ
hP REF 107.0 dBμV ATTEN 10 dB 38.40 dBμV

10 dB/

DL
48.0
dBμV

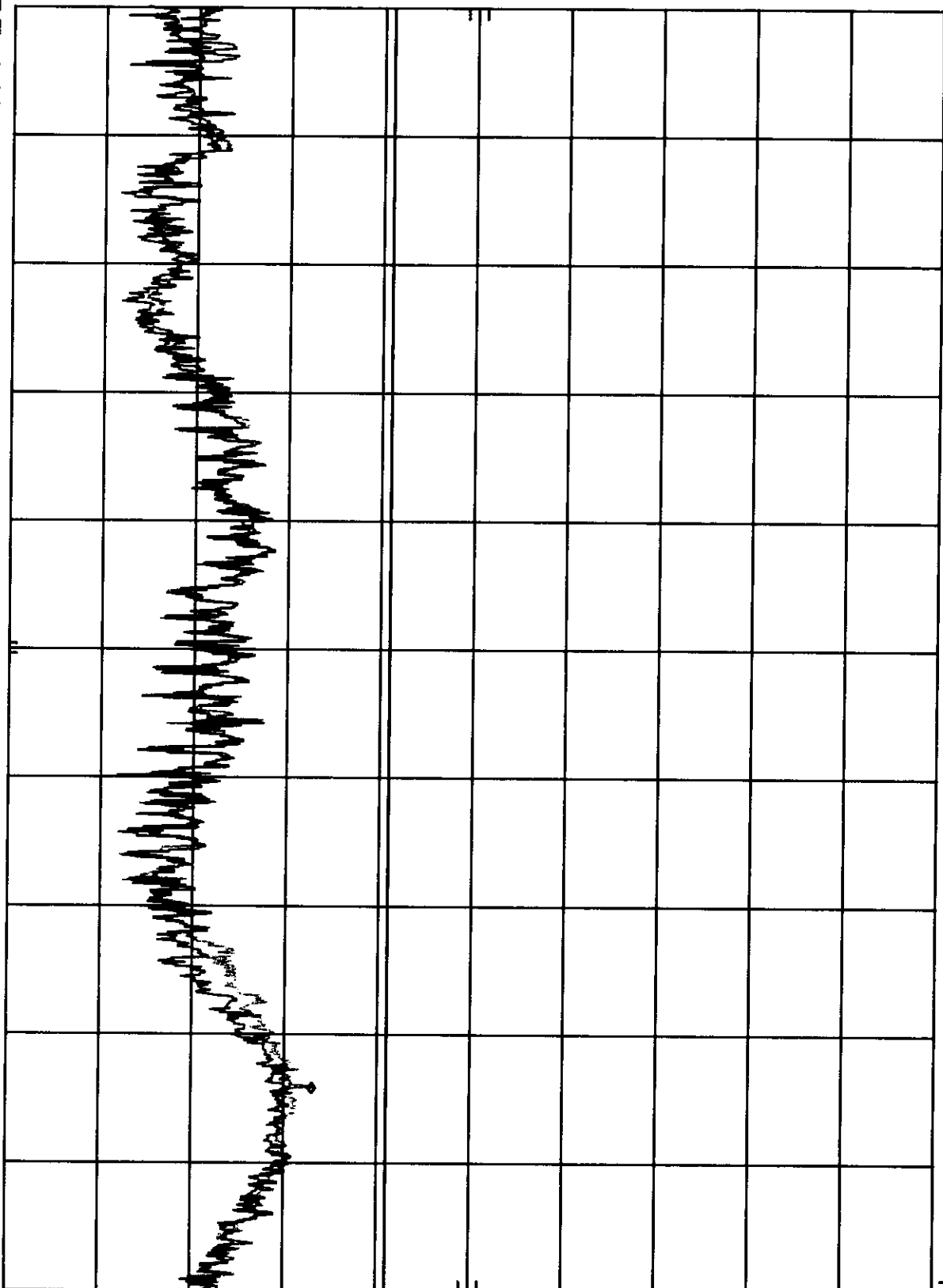


START 450 KHZ RES BW 10 KHZ VBW 10 KHZ STOP 30.00 MHZ
SWP 750 msec

A3KM062 RUN800X600/85Hz 53.7KHz MODE AC220V MKR 25.30 MHz
REF 107.0 dBμV ATTEN 10 dB 40.00 dBμV

hp
10 dB/

DL
48.0
dBμV



START 450 KHz RES BW 10 KHz VBW 10 KHz STOP 30.00 MHz
SWP 750 msec