Exhibit 8

TEST REPORT OF RADIATED AND CONDUCTED EMISSIONS

STATEMENT OF DATA MEASURED

1. General Information of EUT

The EUT, USB Hub

Model No.	: 2G323A00
FCC ID	: A3KM084
Brand	: PHILIPS

The USB Hub provide one upstream port and 4 downstream ports. The upstream port is connected to personal computer or to downstream port of another USB Hub.
The downstream ports are connected to USB-equiped peripherals or to upstream port of another USB Hub.

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	5/20/1998
Biconical Antenna	EMCO 3110B	2863	3/10/1998
Biconical Antenna	EMCO 3110B	2864	3/10/1998
Log-Periodic Antenna	EMCO 3146A	1377	3/10/1998
Log-Periodic Antenna	EMCO 3146A	1378	3/10/1998
LISN	EMCO 3825/2	9311-2153	3/23/1998
LISN	EMCO 3825/2	9311-2154	3/23/1998
Turn Table	EMCO 1060	1068	4/16/1998
Antenna Tower	EMCO 1050	1113	4/16/1998
RF Cable	M17/75-RG214-NE	N/A	4/16/1998
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 "2G323A00" was connected to:

Item	Model No.	Serial No.	FCC ID
1. Computer	IBM 2176-T33	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	USRobotics 286	0002680559278575	CJE-0318
6. Vide Card	Winner 3000L	023004001190	KJGW3000L
7. USB Keyboard	BTC 7932	030282	E5XKBUCP10410
8. USB Mouse	Logitech M-UA34	LTC75100029	DZL211087
9. Joy Stick USB	ALPS	N/A	CWTEAK032
10. Joy Stick USB	ALPS	N/A	CWTEAK032
11. Monitor	Philips	Model 14B2320W S/N: TY0092X1921	A3KM084

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.

The line conductive interference was tested with 110VAC and 220VAC receptively. Unshielded power cord was used during test.

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, run WIN98 and enable USB function then 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 USRobotics 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 (dBμv/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

FCC TEST REPORT

Philips USB Hub, Model 2G323A00
FCC ID: A3KM084

FCC ID : A3KM084
REPORT NO.: EMI98-050
TEST DATE : JUL/23/1998
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 : 2G323A00 /USB Hub
   FCC ID. : A3KM084
2. COMPUTER: IBM 6588-120 S/N.: 90-A58TZ
   FCC ID. : AN02161V
3. PRINTER : HP 2225C S/N.: 3145S02419
   FCC ID. : DSI6XU2225
4. MODEM : US Robotics 268 S/N.: 0002680559278575
   FCC ID. : CJE-0318
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 : BUILT-IN S/N.: --
   FCC ID. : --
8. USB KEYBOARD: BTC 7932 S/N.: 030282
   FCC ID. : E5XKUBCP10410
9. USB MOUSE: LOGITECH M-UA34 S/N.: LTC75100029
   FCC ID. : DZL211087
10. USB JOYSTICK: ALPS S/N.: --
    FCC ID. : CWTEAK032
11. USB JOYSTICK: ALPS S/N.: --
    FCC ID. : CWTEAK032
12. MONITOR : PHILIPS MODEL 14B2320W / FCC ID: A3KM081

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.
31.5KHz MODE(680X480/60Hz) WAS TESTED.
UNSHIELDED MAINS CORD WAS USED DURING TEST.
EXTRA USB KEYBOARD AND USB MOSUE WERE USED DURING TEST.
EXTRA 2 USB JOY STICK WERE 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)
60	29.2	33.1	40

84	30	AMBIENT	40
120	30	33.8	43.5
144	31.84	AMBIENT	43.5
156	31.7	31	43.5
216	32.18	33.18	43.5
240	35.8	37.5	46
264	38.36	35.36	46
312	30.548	30.348	46
336	32.464	31.464	46
360	30.8	30.1	46
420	31.54	32.24	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)
36	29.76	34.26	40
48	31.62	38.02	40
72	30.06	35.56	40
168	33.14	31.14	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)

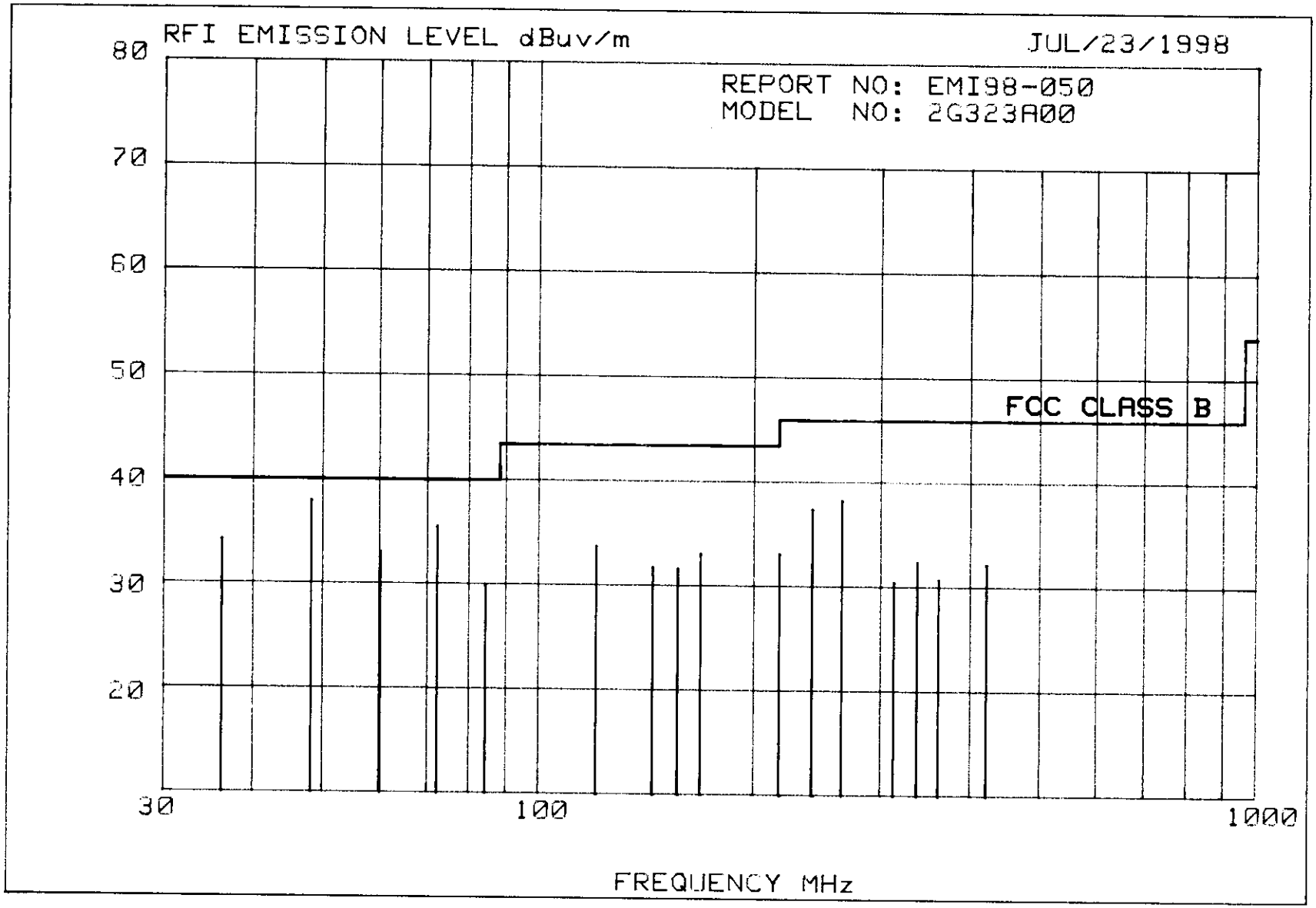
THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY

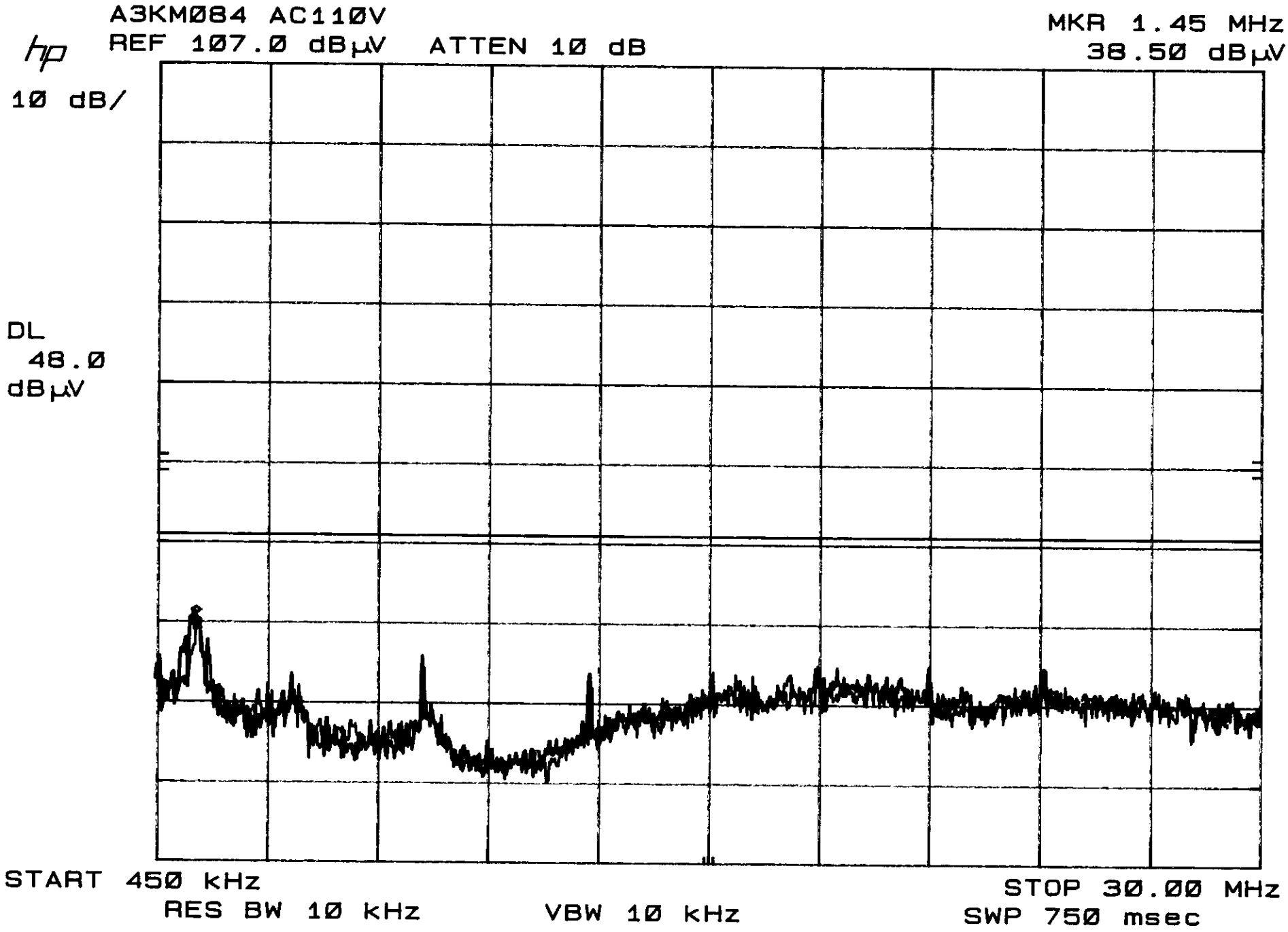
THIS REPORT MUST NOT BE USED BY THE CLIENT TO CLAIM PRODUCT ENDORSEMENT BY NVLAP OR ANY ANGENCY OF THE U.S. GOVERNMENT

THE TEST RESULT WAS PASS FCC CLASS B LIMIT.

CHECKED BY: K.J.Hsu
K.J.HSU, NVLAP SIGNATORY

TESTED BY: C.C.Wu
C.C.Wu


RFI EMISSION LEVEL dBuv/m
JUL/23/1998
REPORT NO: EMI98-050
MODEL NO: 2G323A00
80
70
60
50
40
30
20
FCC CLASS B
30
100
1000
FREQUENCY MHz


A3KM084 AC110V
REF 107.0 dBµV
ATTEN 10 dB
MKR 1.45 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

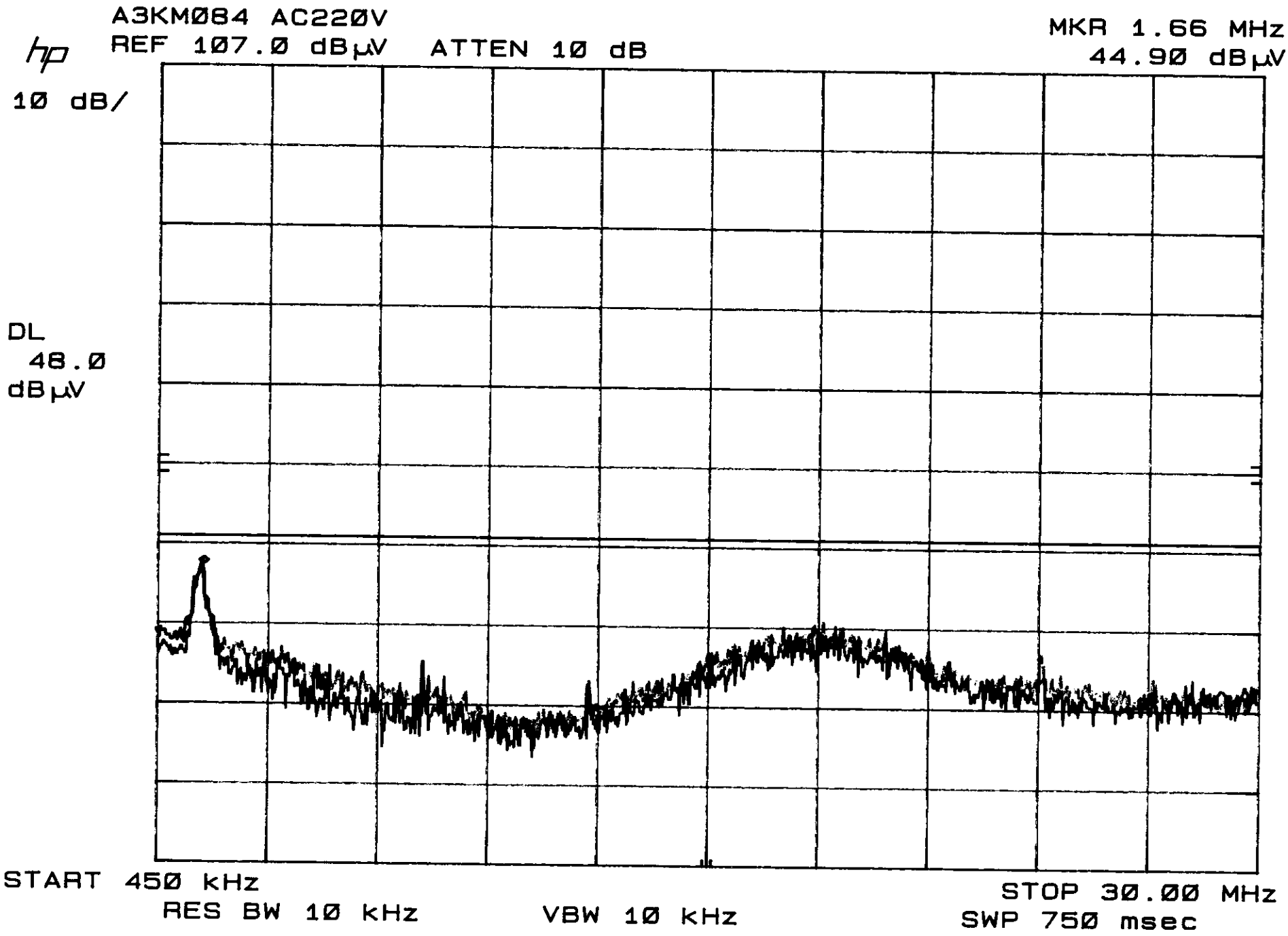

A3KM084 AC220V
REF 107.0 dBµV
ATTEN 10 dB
MKR 1.66 MHz
44.90 dBµV
10 dB/
DL
48.0
dBµV
START 450 kHz
RES BW 10 kHz
VBW 10 kHz
STOP 30.00 MHz
SWP 750 msec

Exhibit 9

PHOTOGRAPHS OF EUT
AND
TEST CONFIGURATION