EMC LAB
HomeTek
HomeTek Technology Inc.

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TEST REPORT CERTIFICATION

EUT	: ExVideo
MODEL NO.	: 9705
FCC ID	: KQ59705-1
Final Test Date	: 5/8/98
APPLICANT	: DOMEX TECHNOLOGY CORPORATION
ADDRESS	: No. 2, Technology Rd., 1,
	Science-Based Industrial Park,
	Hsinchu, Taiwan, R. O. C.

MEASUREMENT PROCEDURE USED :

PART 15 SUBPART B OF FCC RULES AND REGULATIONS
(47 CFR PART 15) FCC / ANSI C63.4-1992

WE HEREBY SHOW THAT :

THE MEASUREMENT SHOWN IN THE ATTACHMENT WERE MADE IN ACCORDANCE WITH THE PROCEDURES INDICATED, AND THE MAXIMUM ENERGY EMITTED BY THE EQUIPMENT WAS FOUND TO BE WITHIN THE FCC LIMITS APPLICABLE.

TEST ENGINEER : Tomy TOMY HU DATE : 5/15/98

CHECK BY : JOSEPH CHOU DATE : 5/15/98

APPROVED BY : R.S. Huang R.S. HUANG/Manager DATE : 5/15/98

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GENERAL INFORMATION

1 APPLICANT : DOMEX TECHNOLOGY CORPORATION

2 ADDRESS : No. 2, Technology Rd., 1,
Science-Based Industrial Park,
Hsinchu, Taiwan, R. O. C.

3 MANUFACTURER : DOMEX TECHNOLOGY CORPORATION

4 ADDRESS : No. 2, Technology Rd., 1,
Science-Based Industrial Park,
Hsinchu, Taiwan, R. O. C.

5 DESCRIPTION OF EUT :

EUT : ExVideo

FCC ID : KQ59705-1

Model Number : 9705

Serial # : N/A

Data Cable : SHIELDED

Power Cord : N/A

Power Supply Type : N/A

6 FEATURES OF EUT :

6.1 Patented Flicker-Free Technology includes TV Encoder for True TV output

6.2 Supports 640x480 output to NTSC TV and 800x600/640x480 output to PAL TV

6.3 Video/Phone Conferencing with Camera or Camcorder and Three Scaleable Windows

6.4 Simultaneous Dual and Multiple Display Hardware Support

6.5 Simultaneous dual display including graphics on CRT and video playback on TV

6.6 Multiple display hardware support

6.7 Integrated 64 Bit GUI Accelerator, Soft3D/Direct3D Acceleration

6.8 64 bit integrated GUI Accelerator with 64 bit GUI engine, 200 Mhz RamDac, dual programmable clock

6.9 Support up to 1600x1200x8x60Hz, 1280x1024x16x75Hz, 1024x768x24x85Hz, 800x600x24x90Hz and 640x480x24x90Hz

6.10 Windows 95 Plug and Play compatible

6.11 VESA DDC2B, DPMS support

6.12 Soft3D acceleration of 3D games using Direct3D

6.13 Supports high speed EDO/DRAM 1MB, 2MB, and optional 4MB

6.14 Video Acceleration for MPEG & Live Video

6.15 Direct Draw/Active Movie MPEG playback using hardware double buffering, scaling, overlay, CSC, and chroma key

6.16 YUV 12 Planar (YUV420) & YUV 422/411 support

6.17 Direct interface to Virtual Reality/3D glasses

6.18 FCC & CE Approved

6.19 Full Software Support, Microsoft Windows 3.x/95/NT3.5x,4.x, IBM OS/2, AutoCAD, AutoDESK 3D-Studio, and other application software

6.20 Optional 9701 Video-capture card for video input

MODIFICATION LIST

THE FOLLOWING ACCESSORIES WERE ADDED TO THE EUT DURING TESTING :

NO MODIFICATION BY HOMETEK TECHNOLOGY INC.

CONDUCTED POWER LINE TEST

1 TEST INSTRUMENTS & FACILITIES

The following test Instruments was used during the conducted test :

Item	Instruments/ Facilities	Specification	Manufacturer	Model # / S/N#	Date Of Cal.
1	EMI Receiver	9KHz ~ 30MHz	ROHDE & SCHWARZ	ESHS 30 844827/007	FEB/98
2	LISN	50 Ω/50uH/100A 9KHz ~ 30MHz	SCHWARZ BECK	NNLK 8121 8121370	FEB/98
3	LISN	9KHz ~ 30MHz	ROHDE & SCHWARZ	ESH3-Z5 846128/007	FEB/98
4	Signal Generator	9KHz ~ 2080MHz	ROHDE & SCHWARZ	SMY02 845096/018	FEB/98
5	Pulse Limiter	9KHz ~ 30MHz	ROHDE & SCHWARZ	ESH3Z2 357.8810.52	N/A

Note : All equipment upon which need to calibrated are with period of 1 year.

2 TEST PROCEDURE

2.1 The EUT was tested according to **ANSI C63.4 - 1992**.

2.2 The EUT was placed 0.4 meter from the conducting wall of shielding room and kept at least 0.8 meter from any other grounded conducting surface.

2.3 The frequency range form 0.45 MHz to 30 MHz was investigated.

2.4 The LISN used was 50 Ohm / 50 uHenry as specified by Section 5.1 of **ANSI C63.4 - 1992**.

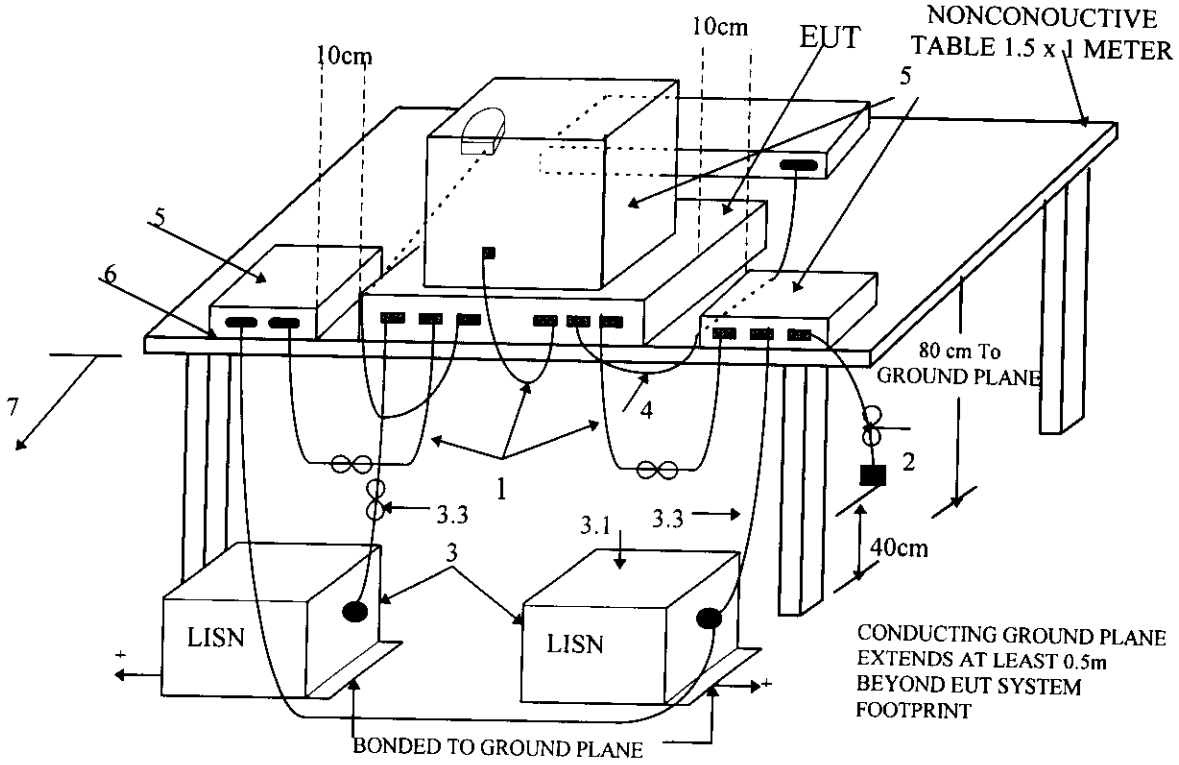
2.5 All the support peripherals are connect to the other LISN.

2.6 Cables and peripherals were moved to find the maximum emission levels for each frequency.

3 TEST SETUP

3.1 Typical : Setup Of Conducted Test

ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE RANGE OF 9kHz TO 40 GHz ANSI C63.4-1992



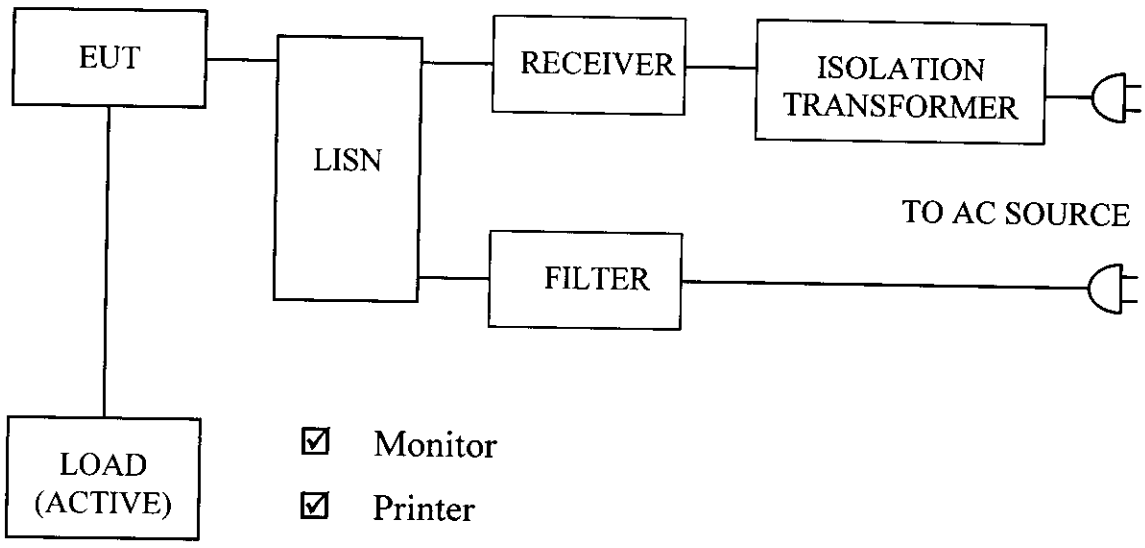
+LISNs may have to be moved to the side to meet 3.3 below.

LEGEND:

1. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth forming a bundle 30 to 40 cm long, hanging approximately in the middle between ground plane and table.
2. I/O cables that are connected to a peripheral shall be bundled in center. The end of the cable may be terminated if required using correct terminating impedance. The total length shall not exceed 1m.
3. EUT connected to one LISN. Unused LISN connectors shall be terminated in 50 Ω. LISN can be placed on top of, or immediately beneath, ground plane.
   - 3.1 All other equipment powered from second LISN.
   - 3.2 Multiple outlet strip can be used for multiple power cords of non-EUT equipment.
   - 3.3 LISN at least 80 cm from nearest part of EUT chassis.
4. Cables of hand-operated devices, such as keyboards, mouses, etc., have to be placed as close as possible to the host.
5. Non-EUT components being tested.
6. Rear of EUT, including peripherals, shall be all aligned and flush with rear of tabletop.
7. Rear of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the floor ground plane (see 5.2).

Test Configuration
Tabletop Equipment Conducted Emission

3.2 Block Diagram Of Conducted Test



- ☑ Monitor
- ☑ Printer
- ☑ Modem
- ☑ Key Board
- ☑ Mouse
- ☐ Joystick
- ☐ Network Cable
- ☐ Speaker
- ☐ Line in Device

4 CONFIGURATION OF THE EUT

The EUT was configured according to **ANSI C63.4 - 1992**. All I/O ports were connected to the appropriate peripherals. All peripherals and cables are listed below (including internal device) :

4.1 EUT

Device	:	ExVideo
Manufacturer	:	DOMEX
Model Number	:	9705
Serial Number	:	N/A
FCC ID	:	KQ59705-1
Data Cable	:	Shielded
Power Cord & Adaptor	:	N/A

4.2 PERIPHERALS

☑ Host Personal Computer

Manufacturer	:	CHAINTECH
Model Number	:	6LTM
Serial Number	:	N/A
FCC ID	:	Doc By PEP LAB
Data Cable	:	Shielded, 1.5m
Power Cord	:	Shielded, 1.8m

☑ Monitor

Manufacturer	:	SONY
Model Number	:	VRT17-HA
Serial Number	:	SY41400050
FCC ID	:	AK8GDM17E01
Data Cable	:	Shielded, 1.5m
Power Cord	:	Shielded, 1.2m

☑ Printer

Manufacturer	:	HP
Model Number	:	DJ400
Serial Number	:	MY77T1D0DD
FCC ID	:	B94C2642X
Data Cable	:	Shielded, 1.5m
Power Cord & Adaptor	:	UN-Shielded, 1.8m

☑ Modem

Manufacturer	:	DATATRONIC
Model Number	:	1200CK
Serial Number	:	N/A
FCC ID	:	E2050V1200CK
Data Cable	:	Shielded, 1.5m
Power Cord & Adaptor	:	UN-Shielded, 1.8m

☑ Video Cassette Recorder

Manufacturer	:	RCA
Model Number	:	VR700HF
Serial Number	:	N/A
FCC ID	:	N/A
Data Cable	:	Shielded
Power Cord & Adaptor	:	UN-Shielded

☑ Mouse (PS II)

Manufacturer	:	HP
Model Number	:	M-S34
Serial Number	:	LZA64519290
FCC ID	:	DZL211029
Data Cable	:	Shielded, 1.8m

☑ KeyBoard

Manufacturer	:	AST
Model Number	:	SK-2000REW
Serial Number	:	S950800011
FCC ID	:	GYUR26SK
Data Cable	:	Shielded, 1.5m

☑ KeyBoard

Manufacturer		SILITEK
Model Number	:	SK-2000U
Serial Number	:	N/A
FCC ID	:	GYUR50SK
Data Cable	:	Shielded, 1.5m

☑ TV

Manufacturer	:	NEC
Model Number	:	C-19R25(T)
Serial Number	:	N/A
FCC ID	:	N/A
Data Cable	:	Shielded
Power Cord & Adaptor	:	UN-Shielded

4.3 REMARK :

5 EUT OPERATING CONDITION

5.1 Operating condition is according to **ANSI C63.4 - 1992.**

5.2 The oscillator Frequency of the EUT were 14.318 MHz.

5.3 EUT power ON.

5.4 Test program sent "H" pattern to peripherals as following :

5.4.1 Printer

5.4.2 Monitor

5.4.3 Modem

5.4.4 Key Board

5.4.5 PC

6 LIMIT OF CONDUCTED POWER LINE EMISSION CLASS B:

Frequency Range	Class A	Class B
0.45 ~ 1.705 MHz	1000 uV	250 uV
1.705 ~ 30 MHz	3000 uV	250 uV

6.1 In the above table, the tighter limit applies at the band edges.

7 RESULT OF CONDUCTED POWER LINE TEST (1)

7.1 The frequency range from 0.45 MHz to 30 MHz was investigated. All readings are quasi-peak values.

7.2 IF bandwidth : 9 kHz, Meas Time : 1 sec.

7.3 Temperature : 21 ℃, Humidity : 72 % RH.

7.4 Quasi-Peak :

Frequency (MHz)	Line 1		Line 2		Limit	
	dBuV	uV	dBuV	uV	dBuV	uV
0.500	25.53	18.90	26.14	20.28	48	250
0.635	21.74	12.22	23.27	14.57	48	250
1.035	19.54	9.48	24.47	16.73	48	250
1.375	12.09	4.02	11.26	3.66	48	250
2.655	17.07	7.14	17.70	7.67	48	250
3.705	24.41	16.61	23.09	14.27	48	250
14.000	23.50	14.96	23.62	15.17	48	250
30.000	16.85	6.96	16.11	6.39	48	250

REMARK :

1. Model : 9705
2. Measuring mode : 1600x1200 75K
3. Uncertainty in conduction emission measured : < ± 2.0dB.

Test Engineer : Jemy

9 RESULT OF CONDUCTED POWER LINE TEST (2)

9.1 The frequency range from 0.45 MHz to 30 MHz was investigated. All readings are quasi-peak values.

9.2 IF bandwidth : 9 kHz, Meas Time : 1 sec.

9.3 Temperature : 21 ℃, Humidity : 72 % RH.

9.4 Quasi-Peak :

Frequency (MHz)	Line 1		Line 2		Limit	
	dBuV	uV	dBuV	uV	dBuV	uV
0.500	25.83	19.57	26.12	20.23	48	250
0.635	22.02	12.62	22.51	13.35	48	250
1.035	19.71	9.67	25.33	18.47	48	250
2.200	18.61	8.52	19.65	9.61	48	250
3.905	28.37	26.21	29.54	29.99	48	250
10.490	32.30	41.21	32.90	44.16	48	250
14.000	23.19	14.44	22.87	13.92	48	250
30.000	16.83	6.94	15.95	6.27	48	250

REMARK :

1. Model : 9705
2. Measuring mode : 1280x1024 80K
3. Uncertainty in conduction emission measured : < ± 2.0dB.

Test Engineer : Jerry

11 RESULT OF CONDUCTED POWER LINE TEST (3)

11.1 The frequency range from 0.45 MHz to 30 MHz was investigated. All readings are quasi-peak values.

11.2 IF bandwidth : 9 kHz, Meas Time : 1 sec.

11.3 Temperature : 21 ℃, Humidity : 72 % RH.

11.4 Quasi-Peak :

Frequency (MHz)	Line 1		Line 2		Limit	
	dBuV	uV	dBuV	uV	dBuV	uV
0.500	23.73	15.36	24.63	17.04	48	250
0.670	21.81	12.32	22.68	13.61	48	250
1.375	12.23	4.09	10.51	3.35	48	250
2.905	9.88	3.12	7.05	2.25	48	250
4.775	13.44	4.70	14.31	5.19	48	250
10.370	24.87	17.52	26.90	22.13	48	250
13.280	27.89	24.80	28.24	25.82	48	250
13.940	23.48	14.93	23.86	15.60	48	250

REMARK :

1. Model : 9705
2. Measuring mode : TV OUT
3. Uncertainty in conduction emission measured : < ± 2.0dB.

Test Engineer : Jemy

RADIATED EMISSION TEST

1 TEST INSTRUMENTS & FACILITIES

The following test Instruments was used during the radiated emission test :

Item	Instruments /facilities	Specification	Manufacturer	Model # / S/N#	Location	Date of Cal.
1	SPECTRUM ANALYZER	9KHz ~ 1.8GHz	HP	HP8591 3710A06158	Open Site I	APR/98
2	EMI TEST RECEIVER	20MHz ~ 1GHz	ROHDE & SCHWARZ	ESVS10 845165/017	Open Site I	FEB/98
3	PRE-AMPLIFIER	0.1MHz ~ 1.3 GHz	HP	8447D 1937A02095	Open Site I	MAY/98
4	EMI TEST RECEIVER	20Hz ~ 26.5GHz	ROHDE & SCHWARZ	ESMI 845442/006	Open Site II	FEB/98
5	PRE-AMPLIFIER	20MHz ~ 7GHz	ROHDE & SCHWARZ	ESMI-Z7 846363/001	Open Site II	FEB/98
6	SIGNAL GENERATOR	9KHz ~ 2080MHz	ROHDE & SCHWARZ	SMY02 845096/018		FEB/98
7	ANTENNA (BI-LOG)	25MHz ~ 2GHz	ARA	LPB2520 S/N:1096	Open Site I	MAR/98
8	ANTENNA (BI-LOG)	25MHz ~ 2GHz	ARA	LPB2520 S/N:1095	Open Site II	MAR/98
9	ANTENNA (DIPOLE)	30 ~ 300MHz	ROHDE & SCHWARZ	HZ-12 842899/08		JAN/98
10	ANTENNA (DIPOLE)	300 ~ 1000MHz	ROHDE & SCHWARZ	HZ-13 842007/0004		JAN/98

Note : All equipment upon which need to calibrated are with period of 1 year.

2 TEST PROCEDURE

2.1 The EUT was test according to **ANSI C63.4 - 1992**.

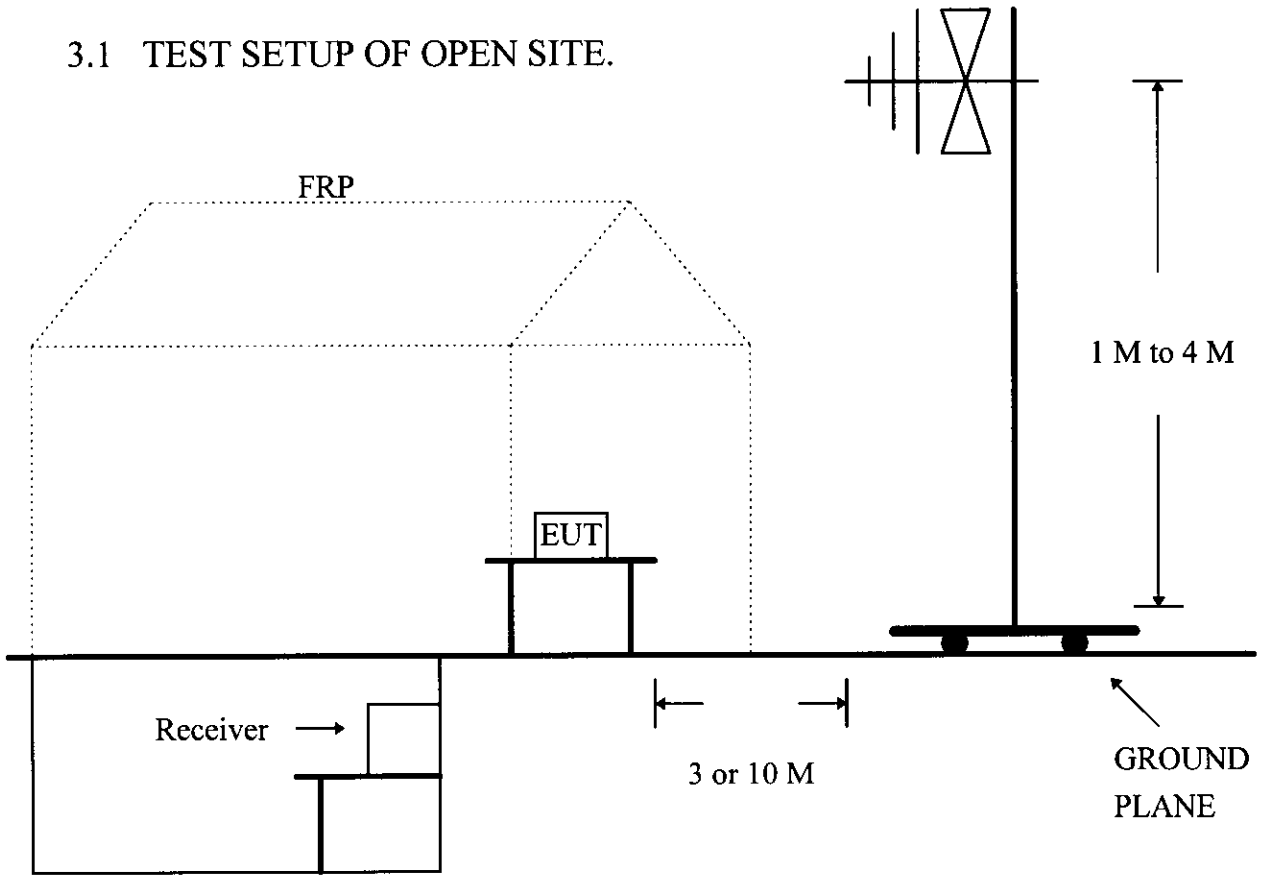
2.2 The radiated test was performed at HomeTek Lab's Open Site I.

2.3 This site is on file with the FCC laboratory division, reference 31040/site 1300F2, Date : August 22, 1997.

2.4 The frequency range from 30 MHz to 1 GHz, the measurement were made at 3 meters, with a BI-log antenna.

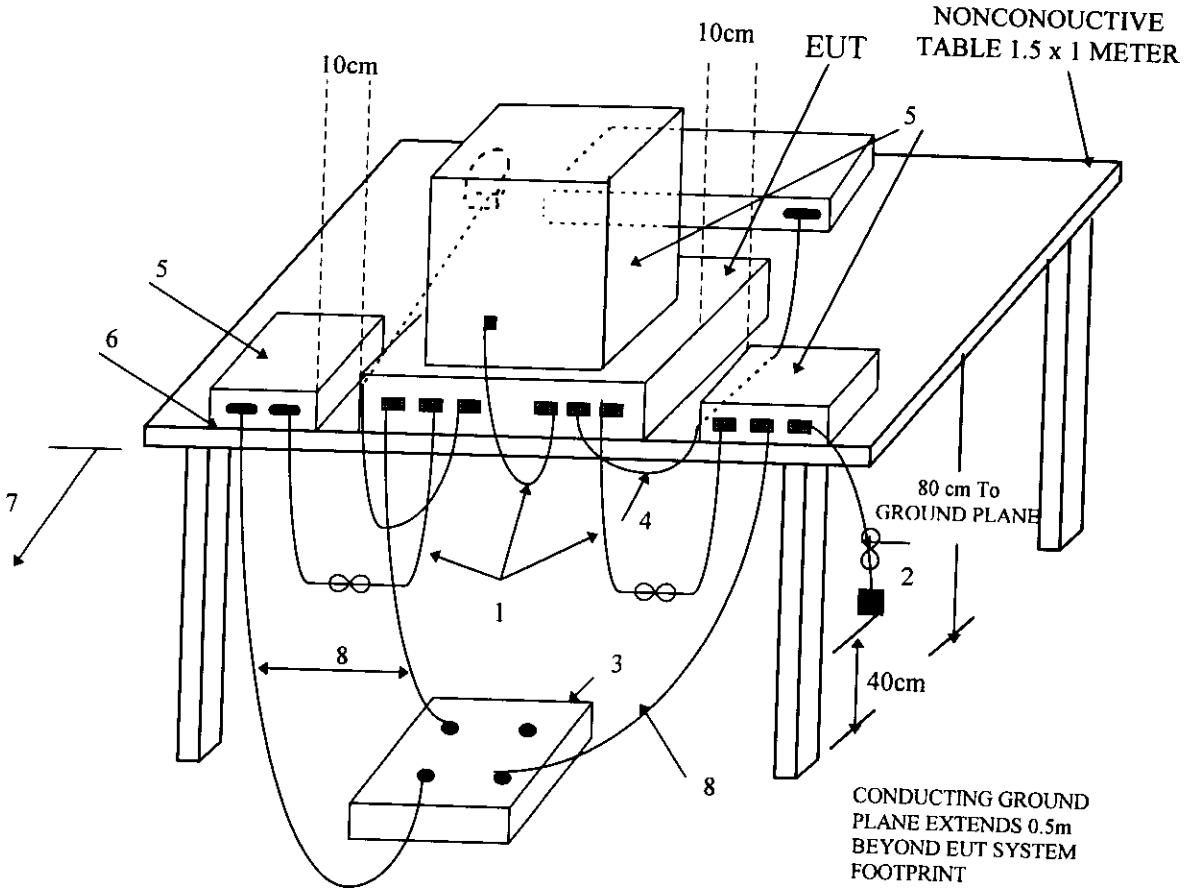
3 TEST SETUP

3.1 TEST SETUP OF OPEN SITE.



3.2 TEST SET OF EUT

ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE RANGE OF 9kHz TO 40 GHz ANSI C63.4-1992



LEGEND:

1. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth forming a bundle 30 to 40 cm long, hanging approximately in the middle between ground plane and table.
2. I/O cables that are connected to a peripheral shall be bundled in center. The end of the cable may be terminated if required using correct terminating impedance. The total length shall not exceed 1m.
3. If LISNs are kept in the test setup for radiated emissions, it is preferred that they be installed under the ground plane with the receptacle flush with the ground plane.
4. Cables of hand-operated devices, such as keyboards, mouses, etc., have to be placed as close as possible to the controller.
5. Non-EUT components of EUT system being tested.
6. The rear of all components of the system under test shall be located flush with the rear of the table.
7. No vertical conducting wall used.
8. Power cords drape to the floor and are routed over to receptacle.

Test Configuration

Tabletop Equipment Radiated Emission

4 CONFIGURATION OF THE EUT

Same as "Conducted Power Line test", section 4

5 EUT OPERATING CONDITION

5.1 Same as "Conducted Power Line test", section 5

5.2 The radiated emission in the frequency range from 30 MHz - 1000 MHz was test in a horizontal and vertical polarization at HomeTek Lab's open site I.

6 LIMIT OF RADIATED EMISSION CLASS B:

Frequency (MHz)	Measurement Distance	Limit (uV/m)	
		Class A	Class B
30 - 88	3 (M)	300	100
88 - 216	3 (M)	500	150
216 - 960	3 (M)	700	200
Above 1000	3 (M)	1000	500

6.1 The tighter limit shall apply at the edge between two frequency bands.

6.2 Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

7 RESULT OF RADIATED EMISSION TEST (1)

7.1 The frequency range from 30 MHz to 1 GHz was investigated. All readings are quasi-peak values with resolution bandwidth of 120 kHz.

7.2 The measurements above 1 GHz with a resolution bandwidth of 1 MHz are peak reading at 3 meters.

7.3 The measurements were made at 3 meters of HomeTek Lab's open site I.

7.4 Temperature : 21 ℃, Humidity : 72 % RH.

7.5 Radiated Emission data : **Horizontal**

Frequency (MHz)	Reading Level (dBuV)	ANT factor (dBuV)	Cable Loss (dBuV)	Emission Level (dBuV)	Emission Level (uV/m)	Limit (dBuV)	Limit (uV/m)
264.33	19.40	13.88	1.04	34.32	52.00	46.0	200
366.23	15.64	16.04	1.22	32.90	44.16	46.0	200
467.45	13.24	19.05	1.47	33.76	48.75	46.0	200
512.12	16.33	20.06	1.45	37.84	77.98	46.0	200
527.23	13.04	20.35	1.47	34.86	55.34	46.0	200
735.23	9.99	22.94	1.65	34.58	53.58	46.0	200

- Emission Level = Reading Level + ANT Factor + Cable Loss.
- Sample Calculation for 735.23 MHz .
- Corrected Reading : (9.99) + (22.94) + (1.65) = 34.58 . (Emission Level)

7.6 Radiated Emission data : **Vertical**

Frequency (MHz)	Reading Level (dBuV)	ANT factor (dBuV)	Cable Loss (dBuV)	Emission Level (dBuV)	Emission Level (uV/m)	Limit (dBuV)	Limit (uV/m)
187.12	20.36	10.29	0.89	31.54	37.76	43.5	150
196.65	21.43	11.80	0.89	34.12	50.82	43.5	150
438.54	10.95	18.81	1.45	31.21	36.35	46.0	200
512.23	18.04	20.29	1.45	39.78	97.50	46.0	200
545.23	12.63	20.54	1.50	34.67	54.14	46.0	200
646.34	8.50	21.23	1.57	31.30	36.73	46.0	200

- Emission Level = Reading Level + ANT Factor + Cable Loss.
- Sample Calculation for 646.34 MHz .
- Corrected Reading : (8.50) + (21.23) + (1.57) = 31.30 . (Emission Level)

REMARK :

1. Model : 9705
2. Measuring mode : 1600x1200 75K
3. Uncertainty in radiated emission measured : < ± 4.0dB.

Test Engineer : Jemmy

9 RESULT OF RADIATED EMISSION TEST (2)

9.1 The frequency range from 30 MHz to 1 GHz was investigated. All readings are quasi-peak values with resolution bandwidth of 120 kHz.

9.2 The measurements above 1 GHz with a resolution bandwidth of 1 MHz are peak reading at 3 meters.

9.3 The measurements were made at 3 meters of HomeTek Lab's open site I.

9.4 Temperature : 21 ℃, Humidity : 72 % RH.

9.5 Radiated Emission data : **Horizontal**

Frequency (MHz)	Reading Level (dBuV)	ANT factor (dBuV)	Cable Loss (dBuV)	Emission Level (dBuV)	Emission Level (uV/m)	Limit (dBuV)	Limit (uV/m)
254.33	16.71	14.04	1.02	31.77	38.77	46.0	200
366.23	17.51	16.04	1.22	34.77	54.76	46.0	200
467.23	12.24	19.05	1.47	32.76	43.35	46.0	200
512.12	17.73	20.06	1.45	39.24	91.62	46.0	200
527.23	12.41	20.35	1.47	34.23	51.46	46.0	200
816.99	11.07	23.93	1.75	36.75	68.79	46.0	200

- Emission Level = Reading Level + ANT Factor + Cable Loss.
- Sample Calculation for 816.99 MHz .
- Corrected Reading : (11.07) + (23.93) + (1.75) = 36.75 . (Emission Level)

9.6 Radiated Emission data : **Vertical**

Frequency (MHz)	Reading Level (dBuV)	ANT factor (dBuV)	Cable Loss (dBuV)	Emission Level (dBuV)	Emission Level (uV/m)	Limit (dBuV)	Limit (uV/m)
187.23	19.10	10.29	0.89	30.28	32.66	43.5	150
332.34	15.75	16.65	1.17	33.57	47.70	46.0	200
438.54	11.21	18.81	1.45	31.47	37.45	46.0	200
512.12	17.50	20.29	1.45	39.24	91.62	46.0	200
546.23	11.28	20.54	1.50	33.32	46.34	46.0	200
646.42	10.00	21.23	1.57	32.80	43.65	46.0	200

- Emission Level = Reading Level + ANT Factor + Cable Loss.
- Sample Calculation for 646.42 MHz .
- Corrected Reading : (10.00) + (21.23) + (1.57) = 32.80 . (Emission Level)

REMARK :

1. Model : 9705
2. Measuring mode : 1280x1024 80K
3. Uncertainty in radiated emission measured : < ± 4.0dB.

Test Engineer : Jemy

11 RESULT OF RADIATED EMISSION TEST (3)

11.1 The frequency range from 30 MHz to 1 GHz was investigated. All readings are quasi-peak values with resolution bandwidth of 120 kHz.

11.2 The measurements above 1 GHz with a resolution bandwidth of 1 MHz are peak reading at 3 meters.

11.3 The measurements were made at 3 meters of HomeTek Lab's open site I.

11.4 Temperature : 21 ℃, Humidity : 72 % RH.

11.5 Radiated Emission data : **Horizontal**

Frequency (MHz)	Reading Level (dBuV)	ANT factor (dBuV)	Cable Loss (dBuV)	Emission Level (dBuV)	Emission Level (uV/m)	Limit (dBuV)	Limit (uV/m)
267.03	19.50	13.84	1.09	34.43	52.66	46.0	200
467.45	17.24	19.05	1.47	37.76	77.29	46.0	200
512.12	16.83	20.06	1.45	38.34	82.60	46.0	200
527.12	12.50	20.35	1.47	34.32	52.00	46.0	200
700.32	9.20	22.50	1.63	33.33	46.40	46.0	200
735.23	9.63	22.94	1.65	34.22	51.40	46.0	200

- Emission Level = Reading Level + ANT Factor + Cable Loss.
- Sample Calculation for 735.23 MHz .
- Corrected Reading : (9.63) + (22.94) + (1.65) = 34.22 . (Emission Level)

11.6 Radiated Emission data : **Vertical**

Frequency (MHz)	Reading Level (dBuV)	ANT factor (dBuV)	Cable Loss (dBuV)	Emission Level (dBuV)	Emission Level (uV/m)	Limit (dBuV)	Limit (uV/m)
187.12	20.14	10.29	0.89	31.32	36.81	43.5	150
194.34	21.29	11.37	0.89	33.55	47.59	43.5	150
254.54	17.97	13.23	1.02	32.22	40.83	46.0	200
512.23	17.04	20.29	1.45	38.78	86.90	46.0	200
545.23	12.83	20.54	1.50	34.87	55.40	46.0	200
646.34	9.98	21.23	1.57	32.78	43.55	46.0	200

- Emission Level = Reading Level + ANT Factor + Cable Loss.
- Sample Calculation for 646.34 MHz .
- Corrected Reading : (9.98) + (21.23) + (1.57) = 32.78 . (Emission Level)

REMARK :

1. Model : 9705
2. Measuring mode : TV OUT
3. Uncertainty in radiated emission measured : < ± 4.0dB.

Test Engineer : Jerry