

# FCC CLASS B COMPLIANCE REPORT

for

Electromagnetic Emissions

of

**15" COLOR MONITOR**

**Trade Name : COMPAL**

**Model Number : M554**

**FCC ID: GKRM554**

**Serial Number : Pre-production**

**Report Number : 980044-F**

**Date : April 23, 1998**

Prepared for :

**COMPAL ELECTRONICS, INC.**

7<sup>TH</sup> FL.319 SEC 4, Pateh Road

Taipei , Taiwan , R.O.C.

Prepared by :

**C&C LABORATORY, CO., LTD.**

**1<sup>ST</sup> FL., No. 344, fu Ching Street,**

**Taipei, Taiwan, R.O.C.**

TEL: (02)2746-8584

FAX: (02)2763-2154

**This report shall not be reproduced, except in full, without the written approval of  
C&C Laboratory, Taiwan.**

## TABLE OF CONTENTS


DESCRIPTION	PAGE
VERIFICATION OF COMPLIANCE	3
SYSTEM DESCRIPTION	4
PRODUCT INFORMATION	5
SUPPORT EQUIPMENT	6
MEASUREMENT PROCEDURE & LIMIT (LINE CONDUCTED EMISSION TEST)	7
MEASUREMENT PROCEDURE & LIMIT (RADIATED EMISSION TEST)	9
SUMMARY DATA	12
APPENDIX 1 LETTER OF AGENT AUTHORIZATION	14
APPENDIX 2 LETTER OF MODIFICATION	15
APPENDIX 3 FCC ID LABEL & LOCATION	16
APPENDIX 4 BLOCK DIAGRAM/SCHEMATICS OF EUT	18
APPENDIX 5 USER'S MANUAL OF EUT	19
APPENDIX 6 TEST FACILITY	20
APPENDIX 7 TEST EQUIPMENT	22
APPENDIX 8 BLOCK DIAGRAM OF TEST SETUP	26
APPENDIX A PHOTOGRAPHS (TEST SETUP OF LINE CONDUCTED EMISSION TEST)	A1~A2
APPENDIX B PHOTOGRAPHS (TEST SETUP OF RADIATED EMISSION TEST)	B1~B2
APPENDIX C PHOTOGRAPHS (EUT)	C1~C10

## VERIFICATION OF COMPLIANCE

**Equipment Under Test:** 15" COLOR MONITOR  
**Trade Name:** COMPAL  
**FCC ID:** GKRM554  
**Model Number:** M554  
**Serial Number:** Pre-production  
**Applicant:** COMPAL ELECTORNICS, INC.  
7<sup>TH</sup> FL.319 SEC 4, Patch Road  
Taipei , Taiwan , R.O.C.  
**Manufacturer:** COMPAL ELECTORNICS, INC.  
7<sup>TH</sup> FL.319 SEC 4, Patch Road  
Taipei , Taiwan , R.O.C.  
**Type of Test:** FCC Class B  
**Measurement Procedure:** ANSI C63.4: 1992  
**File Number:** 980044-F  
**Date of test:** April 8, 1998; April 10, 1998  
**Tested by:** James Wang  
**Deviation:** None  
**Condition of Test Sample:** Normal

The above equipment was tested by C&C Laboratory, Co., Ltd. for compliance with the requirements set forth in the FCC Rules and Regulations Part 15, Subpart B and the measurement procedure according to ANSI C63.4, 1992. This said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment are within the compliance requirements.

The test results of this report relate only to the tested sample identified in this report.

---

**Charles Wang / Director**

## SYSTEM DESCRIPTION

### **EUT Test Program:**

1. The EUT was set at worst case display mode.(54kHz)
2. EMI test program (file name: WINFCC) was loaded and executed in Window.
3. Data was sent to EUT filling the screens with upper case of "H" patterns.
4. Test program sequentially exercised printer and modem and sent "H" patterns to them individually.
5. Repeat 3 to 4. Test program is self-repeating throughout the test.

## PRODUCT INFORMATION

**Housing Type:** Plastic  
**EUT Power Rating:** 100-240VAC, 1.5A, 50/60Hz  
**AC power during Test:** 115VAC/60Hz  
**Power Supply Manufacturer:** Compal(On board)  
**Power Supply Model Number:** N/A  
**Power Supply Power Rating:** 96-264VAC 47-63Hz  
**AC Power Cord Type:** Unshielded, 1.8m  
**DC Power Cable Type:** N/A  
**Data Cable Type:** Shielded, 1.5m

Note: There is a ferrite core attached to Video Cable.

I/O PORT TYPES	Q'TY	TESTED WITH
Video Port	1	1

## SUPPORT EQUIPMENT

Equipment	Model #	Serial #	FCC ID	Trade Name	Data Cable	Power Cord
PC	VL SERIES 55/166	SG74903048	FCC DoC	Hewlett Packard Co.	N/A	Unshielded, 1.95m
Printer	DJ-400	MY8251C5FK	B94C2642X	Hewlett Packard Co.	Shielded, 1.8m	Unshielded, 1.72m
Modem	2400SE	94-364-176268	DK467GSM24	Computer Peripheral	Shielded, 1.8m	Unshielded, 1.8m
Keyboard	6511-T	K6568070062P	JVP6511-T	Acer Peripheral	Shielded, 1.2m	N/A
Mouse	M-S34	LTC62102369	DZL210472	Logitech	Shielded, 1.89m	N/A

All the above equipment/cables were placed in worse case positions to maximize emission signals.

**Grounding:** Grounding was in accordance with the manufacturer's requirements and conditions for the intended use.

## **MEASUREMENT PROCEDURE (PRELIMINARY LINE CONDUCTED EMISSION TEST)**

- 1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4: 1992 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2) Support equipment, if needed, was placed as per ANSI C63.4: 1992.
- 3) All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4: 1992.
- 4) The EUT received AC power through a Line Impedance Stabilization Network (LISN) which supplied power source of 115VAC/60Hz and was grounded to the ground plane.
- 5) All support equipment received power from a second LISN supplying power of 120VAC/60Hz.
- 6) The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum analyzer connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to analyzer and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the analyzer.
- 7) Analyzer scanned from 150kHz to 30MHz for emissions in each of the test modes. Analyzer settings were stated on the Measuring Instrument Settings page.
- 8) During the above scans, the emissions were maximized by cable manipulation.
- 9) The following test modes were scanned during the preliminary test:  
**Modes:**
  1. EUT running at video resolution: 640x480 (31.5k)
  2. EUT running at video resolution: 800x600 (54k)
- 10) After the preliminary scan, we found the following test mode(s) producing the highest emission level.  
  
**Mode: 2**

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

## MEASUREMENT PROCEDURE (FINAL LINE CONDUCTED EMISSION TEST)

- 1) EUT and support equipment was set up on the test bench as per step 10 of the preliminary test.
- 2) A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less -2dB to the A.V. limit in peak mode, then the emission signal was re-checked using a Quasi-Peak/A.V. detector.
- 3) The test data of the worst case condition(s) was reported on the Summary Data page.

**Data Sample:**

Freq. MHz	PEAK Raw dBuV	Q.P. Raw dBuV	Average Raw dBuV	Q.P. Limit dBuV	Average Limit dBuV	Q.P. Margin dB	Average Margin dB	Note
x.xx	43.95	---	---	56	46	-12.05	-2.05	L 1

- Freq. = Emission frequency in MHz
- Raw dBuV = Uncorrected Analyzer/Receiver reading
- Limit dBuV = Limit stated in standard
- Margin dB = Reading in reference to limit
- Note = Current carrying line of reading
- “---“ = The emission level complied with the Average limits with at least 2dB margin, so no further recheck.

## LINE CONDUCTED EMISSION LIMIT

Frequency	Maximum RF Line Voltage	
	Q.P.	Average
150kHz-500kHz	66-56dBuV	56-46dBuV
500kHz-5MHz	56dBuV	46dBuV
5MHz-30MHz	60dBuV	50dBuV



## **MEASUREMENT PROCEDURE (PRELIMINARY RADIATED EMISSION TEST)**

- 1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which is placed on the ground plane as per ANSI C63.4: 1992 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2) Support equipment, if needed, was placed as per ANSI C63.4: 1992.
- 3) All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4: 1992.
- 4) The EUT received 120VAC/60Hz power source from the outlet socket under the turntable. All support equipment received 120VAC/60Hz power from another socket under the turntable.
- 5) The antenna was placed at some given distance away from the EUT as stated in ANSI C63.4: 1992. The antenna connected to the analyzer via a cable and at times a pre-amplifier would be used.
- 6) The analyzer quickly scanned from 30MHz to 1000MHz. Analyzer settings were stated on the Measuring Instrument Settings page. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- 7) The following test modes were scanned during the preliminary test:  
  
**Modes:**
  1. EUT running at video resolution: 640x480 (31.5k)
  2. EUT running at video resolution: 800x600 (54k)
- 8) After the preliminary scan, we found the following test mode(s) producing the highest emission level.

**Mode: 2**

Then, the EUT and cable configuration, antenna position, polarization and turntable position of the above highest emission level were recorded for reference final testing.

## MEASUREMENT PROCEDURE (FINAL RAIDATED EMISSION TEST)

- 1) EUT and support equipment were set up on the turntable as per step 8 of the preliminary test.
- 2) The analyzer scanned from 30MHz to 1000MHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- 3) Recorded at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less -2dB to the limit in peak mode, then the emission signal was re-checked using a Quasi-Peak detector, and only Q.P. reading will record in this report.
- 4) The test data of the worst case condition(s) was reported on the Summary Data page.

**Data Sample:**

Freq. MHz	Raw dBuV	Site CF dB	Corr'd dBuV/m	Limit dBuV/m	Margin dB	Antenna Height (cm)	Table Pos. (deg)	Note	Detector
xx.xx	12.20	10.88	23.08	30	-6.92	150	180	Vert	Peak

- Freq. = Emission frequency in MHz
- Raw dBuV = Uncorrected Analyzer/Receiver reading
- Site CF = Correction factors of antenna factor and cable losses
- Corr'd dBuV/m = Raw reading converted to dBuV and CF added
- Limit dBuV/m = Limit stated in standard
- Margin dB = Reading in reference to limit
- Antenna Height = Antenna height above ground plane
- Table Position = EUT placement in reference to antenna
- Note = Antenna polarization
- Detector = Detector function (Peak, Q.P., Average)

## RADIATED EMISSION LIMIT

Frequency (MHz)	Distance (m)	Maximum Field Strength Limit (dBu V/m)		
		Q.P.	AVERAGE	PEAK
30-230	10	30	/	/
230-1000	10	37	/	/
Above 1000	10	/	43.5	63.5

\*\*Note: "/" means the limit line isn't applicable.

## SUMMARY DATA (LINE CONDUCTED TEST)

**Model Number:** M554

**Location:** Site # 1

**Tested by:** James Wang

**Test Mode:** EUT running at video resolution: 800x600 (54k)

**Test Results:** Passed

**Temperature:** 21°C

**Humidity:** 65%RH

(The chart below shows the highest readings taken from the final data)

FREQ MHz	Peak Raw dBuV	Q.P. Raw dBuV	AVG Raw dBuV	Q.P. Limit dBuV	AVG Limit dBuV	Q.P. Margin dB	AVG Margin dB	NOTE
0.156	51.4	---	---	65.7	55.7	-14.3	-4.3	L1
0.482	41.4	---	---	56.3	46.3	-14.9	-4.9	L1
0.587	42.6	---	---	56.0	46.0	-13.4	-3.4	L1
0.806	39.3	---	---	56.0	46.0	-16.7	-6.7	L1
1.290	40.9	---	---	56.0	46.0	-15.1	-5.1	L1
14.108	51.1	45.6	36.3	60.0	50.0	-14.4	-13.7	L1
0.157	55.9	50.7	40.5	65.6	55.6	-14.9	-15.1	L2
0.268	48.3	---	---	61.2	51.2	-12.9	-2.9	L2
0.536	43.6	---	---	56.0	46.0	-12.4	-2.4	L2
0.805	41	---	---	56.0	46.0	-15.0	-5.0	L2
14.108	51.7	44.8	32.6	60.0	50.0	-15.2	-27.4	L2
28.202	41.5	---	---	60.0	50.0	-18.5	-8.5	L2

L1 = Line One (Hot side) / L2 = Line Two (Neutral side)

**\*\*NOTE: “---” denotes the emission level complied with the Average limit, so no re-check anymore.**

## SUMMARY DATA (RADIATED EMISSION TEST)

**Model Number:** M554

**Location:** Site #1

**Tested by:** James Wang

**Test Mode:** EUT running at video resolution: 800x600 (54k)

**Test Results:** Passed

**Temperature:** 23°C

**Humidity:** 73%RH

(The chart below shows the highest readings taken from the final data)

FREQ MHz	RAW dBuV/m	SITE CF	CORR'D dBuV/m	LIMIT (dBuV/m)			MARGIN (dB)			ANT HEG (cm)	TBL POS. (deg)	Detector	NOTE
				QP	PK	AVG	QP	PK	AVG				
67.37	20.7	6.8	27.5	30.0	/	/	-2.5	/	/	100.2	99.7	Q.P.	Vert
70.22	20.3	7.3	27.6	30.0	/	/	-2.4	/	/	100.2	93.9	Q.P.	Vert
153.63	12.8	14.2	27.0	30.0	/	/	-3.0	/	/	100.2	360.0	PEAK	Vert
182.29	13.2	13.6	26.8	30.0	/	/	-3.2	/	/	100.2	360.0	Q.P.	Vert
210.33	13.4	13.3	26.7	30.0	/	/	-3.3	/	/	100.2	70.7	PEAK	Vert
227.00	12.8	14.0	26.8	30.0	/	/	-3.2	/	/	100.2	239.9	PEAK	Vert
69.00	14.3	8.0	22.3	30.0	/	/	-7.7	/	/	100.2	212.3	PEAK	Horz
162.00	15.7	11.9	27.6	30.0	/	/	-2.4	/	/	100.2	21.3	PEAK	Horz
182.00	15.3	12.7	28.0	30.0	/	/	-2.0	/	/	100.2	145.8	PEAK	Horz
204.00	13.0	12.8	25.8	30.0	/	/	-4.2	/	/	100.2	351.5	PEAK	Horz
224.00	13.4	13.3	26.7	30.0	/	/	-3.3	/	/	100.2	202.7	PEAK	Horz
149.00	11.4	12.6	24.0	30.0	/	/	-6.0	/	/	100.2	16.1	PEAK	Horz

**\*\*NOTE:** "/" denotes the item is not applicable.

## **APPENDIX 1**

### **LETTER OF AGENT AUTHORIZATION**



# COMPAL ELECTRONICS, INC.

ADDRESS:  
11H FL319, Pater Road  
SLO 4, TAIPEI 105  
TAIWAN R.O.C.

CABLE ADDRESS:  
TEL : 746-8446  
FAX : 760-7903 • 769-9039

Federal Communications Commission  
Authorization and Evaluation Division  
7435 Oakland Mills Road  
Columbia, MD 21046  
U.S.A

Gentlemen,

We the undersigned, hereby authorized C&C Laboratory Co., Ltd. to act on our behalf in all matters relating to applications for equipment authorizations, including the signing of all documents relating to these matters. Any and all acts carried out by C&C Laboratory, Taiwan on our behalf shall have the same effect as acts of our own.

The applicant certifies that, in the case of an individual applicant is not subject to a denial of federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 853 (a) , in the case of a non-individual applicant (e.g. corporation, partnership or other unincorporated association) , no party to the application is subject to a denial of federal benefits, that includes FCC benefits, pursuant to that section.

Sincerely yours,

Kevin Chang / EMI Engineer

## **APPENDIX 2**

# **LETTER OF MODIFICATION**





# COMPAL ELECTRONICS, INC.

ADDRESS:  
17TH FL 319 Pater Road.,  
SEC 4, TAIPEI 105,  
TAIWAN R.O.C.

CABLE ADDRESS:  
TEL : 746-8446  
FAX : 760-7903 • 769-9039

Federal Communications Commission  
Authorization and Evaluation Division  
7435 Oakland Mills Road  
Columbia, MD 21046  
U.S.A

FCC ID : GKRM554

Gentlemen:

The following modifications will be installed to our Model No. M554 in order to comply with FCC rules for a class B computing device. These modifications will be incorporated in each unit sold under the above FCC ID.

1. Add one core on the video cable near the PC.
2. Add one ground wire from I/O bracket to shielded cover of video board.
3. Add one core on the degaussing coil.
4. Add two ground wires from different side of CRT ground wire to mother board.
5. Add one ground wire from CRT ground wire to I/O bracket.
6. Add two ground wires from different side of CRT ground wire to shielded cover of video board.

We understand that changes may be made to the product if the product is re-tested and a Class I or Class II permissive changes (as applicable) is applied for. We understand that the Equipment Grant Authorization must be issued before we can market our product, or the Class I or Class II change must be approved before we can market our product.

We also understand that peripherals (computer input/output device, modems, printer, etc.) certified to comply with the Class B limits are the only peripherals that may be sold with this computer.

Sincerely yours,

Kevin Chang / EMI Engineer

## **APPENDIX 6**

### **TEST FACILITY**

## TEST FACILITY

**Location:** No. 15, 14 Line, Chin Twu Chi, Lu Chu Hsiang, Taoyuan, Taiwan, R.O.C.

**Description:** There are two 3/10m open area test sites and two line conducted labs for final test, and one 3/10m open area test site for engineering lab. The Open Area Test Sites and the Line Conducted labs are constructed and calibrated to meet the FCC requirements in documents ANSI C63.4: 1992 and CISPR 22/EN 55022 requirements.

**Site Filing:** A site description is on file with the Federal Communications Commission, 7435 Oakland Mills Road, Columbia, MD 21046.

Registration also was made with Voluntary Control Council for Interference (VCCI).

**Site Accreditation:** Accredited by NEMKO (Authorization #: ELA 124) for EMC & A2LA (Certificate #: 824.01) for Emission

**Instrument Tolerance:** All measuring equipment is in accord with ANSI C63.4 and CISPR22 requirement that meet industry regulatory agency and accreditation agency requirement.

**Ground Plane:** Two conductive reference ground planes were used during the Line Conducted Emission, one in vertical and the other in horizontal. The dimensions of these ground planes are as below. The vertical ground plane was placed distancing 40 cm to the rear of the wooden test table on where the EUT and the support equipment were placed during test. The horizontal ground plane projected 50 cm beyond the footprint of the EUT system and distanced 80 cm to the wooden test table. For Radiated Emission Test, one horizontal conductive ground plane extended at least 1m beyond the periphery of the EUT and the largest measuring antenna, and covered the entire area between the EUT and the antenna. It has no holes or gaps having longitudinal dimensions larger than one-tenth of a wavelength at the highest frequency of measurement up to 1GHz.

**Site #1 & #3 Line Conducted Test Site:** Vertical ground plane (2.2m x 2.2m)  
Horizontal ground plane (2.5m x 2.5m)

## **APPENDIX 7**

### **TEST EQUIPMENT**

## MEASURING INSTRUMENT SETTING

TEST TYPE	DETECTOR	FREQUENCY RANGE	RESOLUTION BANDWIDTH	VIDEO BANDWIDTH
Conducted	Peak/Avg	10kHz-150kHz	300Hz	100kHz
Conducted	Peak/QP/Avg	150kHz-30MHz	9kHz	100kHz
Radiated	Peak	30MHz-1GHz	100kHz	100kHz
Radiated	QP	30MHz-1GHz	120kHz	120kHz
Radiated	Peak/Avg	Above 1GHz	1MHz	1MHz

**Note:** All readings on data pages are taken with the detector in peak mode unless otherwise stated.

## UNITS OF MEASUREMENT

Measurements of radiated interference are reported in terms of dBuV/m, at a specified distance. The indicated readings on the spectrum analyzer are converted to dBuV/m by use of appropriate conversion factors. Measurements of conducted interference are reported in terms of dBuV.

## TEST EQUIPMENT LIST

**Instrumentation:** The following list contains equipment used at C & C Laboratory, Co., Ltd. for testing. The equipment conforms to the American National Standard Specifications for Electromagnetic Interference and Field Strength Instrumentation from 10kHz to 2GHz.

**Equipment used during the tests:**

**Open Area Test Site:**  # 1 ;  # 3

EQUIPMENT TYPE	* MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL. DUE
Spectrum Analyzer (100Hz-1.5GHz)	HP	8568B	3001A05004 3014A18846	03/25/1998	03/24/1999
Quasi-Peak Adapter	HP	85650A	2811A01399	03/25/1998	03/24/1999
RF Preselector (20Hz-2GHz)	HP	85685A	2947A01064	03/25/1998	03/24/1999
Precision Dipole (30-300MHz)	ROHDE & SCHWARZ	HZ-12	846932/0004	06/06/1997	06/06/1998
Precision Dipole (300-1000MHz)	ROHDE & SCHWARZ	HZ-13	846556/0008	06/06/1997	06/06/1998
Horn Antenna (1GHz-18GHz)	EMCO	3115	9602-4659	N/A	N/A
Bilog Antenna (30MHz-2GHz)	CHASE	CBL6112A	2309	03/14/1998	03/14/1999

EQUIPMENT TYPE	*MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL. DUE
Spectrum Analyzer	ADVANTEST	R3261C	71720533	12/17/1997	12/17/1998
Pre-Amplifier	HP	8447D	2944A09173	01/14/1998	01/14/1999
Receiver (20MHz-1GHz)	ROHDE & SCHWARZ	ESVS10	846285/016	12/4/1997	12/3/1998
Precision Dipole	ROHDE & SCHWARZ	HZ-12	846932/0004	06/06/1997	06/06/2000
Precision Dipole	ROHDE & SCHWARZ	HZ-13	846556/0008	06/16/1997	06/16/2000
Horn Antenna (1GHz-18GHz)	EMCO	3115	9602-4659	N/A	N/A
Bilog Antenna (30MHz-2GHz)	CHASE	CBL6112A	2179	7/3/1997	7/2/1998

Conducted Emission Test Site:  # 1 ;  # 3

EQUIPMENT TYPE	*MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL. DUE
Spectrum Analyzer (100Hz-1.5GHz)	HP	8568B	3001A05004 3014A18846	03/25/1998	03/24/1999
Quasi-Peak Adapter	HP	85650A	2811A01399	03/25/1998	03/24/1999
RF Preselector (20Hz-2GHz)	HP	85685A	2947A01064	03/25/1998	03/24/1999
LISN (10kHz-100MHz)	EMCO	3825/2	9106-1809	03/13/1998	03/12/1999
LISN (10kHz-100MHz)	EMCO	3825/2	9106-1810	03/13/1998	03/12/1999

EQUIPMENT TYPE	*MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL. DUE
Receiver (9KHz-2.75GHz)	ROHDE& SCHWARZ	ESCS30	844793/012	12/19/1997	12/18/1998
LISN(10KHz-100MHz)	EMCO	3825/2	9106-1810	N/A	N/A
LISN(10KHz-100MHz)	ROHDE& SCHWARZ	ESH3-Z5	848773/014	11/19/1997	11/18/1998

The calibrations of the measuring instruments, including any accessories that may effect such calibration, are checked frequently to assure their accuracy. Adjustments are made and correction factors applied in accordance with instructions contained in the manual for the measuring instrument.

## APPENDIX 8

### BLOCK DIAGRAM OF TEST SETUP



### System Diagram of Connections between EUT and Simulators

EUT: 15" Color Monitor

Trade Name: COMPAL

Model Number: M554

Power Cord: Unshielded, 1.8m

