Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, L1942PMT.

General Specification

Display	19 inches (48.2 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size: 48.2 cm 0.294 mm pixel pitch		
Sync Input	Horizontal Freq.	Analog : 30 - 83 kHz (Automatic) Digital : 30 - 71 kHz (Automatic)	
	Vertical Freq.	56 - 75 Hz (Automatic)	
	Input Form	Separate TTL, Positive/Negative SOG (Sync On Green) Digital	
Video Input	Signal Input	15 pin D-Sub Connector DVI - D connector (Digital)	
	Input Form	RGB Analog (0.7 Vp-p/ 75 ohm), Digital	
Resolution	Max	Analog : VESA 1280 x 1024 @75 Hz Digital : VESA 1280 x 1024 @60 Hz	
	Recommend	VESA 1280 x 1024 @60 Hz	
Plug&Play	DDC 2B (Digital), DDC 2AB (Analog)		
Power Consumption	On Mode	: 36 W(Typ.)	
	Sleep Mode	≤ 1 W	
	Off Mode	≤ 1 W	
Dimensions &Weight		With Stand	Without Stand
	Width	40.63 cm / 16.00 inches	40.63 cm / 16.00 inches
	Height	42.27 cm / 16.64 inches 53.27 cm / 20.97 inches	34.45 cm / 13.56 inches
	Depth	24.16 cm / 9.51 inches	5.84 cm / 2.30 inches
	Net	4.2 kg (9.33 lbs)	
Tilt Range	Tilt	-6°~17°	
Power Input	AC 100-240V~ 50/60Hz 0.8A		
Environmental Conditions	Operating Conditions Temperature Humidity	 10°C to 35°C 10 % to 80 % non-Condensing	
	Storage Conditions Temperature Humidity	 -20°C to 60°C 5 % to 90 % non-Condensing	
Stand Base	Attached( ), Detached (O)		
Signal cable	Attached( ), Detached (O)		
Power cord	Wall-outlet type or PC-outlet type		

NOTE

- Information in this document is subject to change without notice.

EUT Operating Conditions

a. Setup the EUT and Peripherals as shown in Sec. 3.2 of the test report.

b. Turn on the power of all equipment and the EUT.

c. Set the contrast & brightness of EUT to maximum.

d. PC system ran the self-test program “EMC Test” by windows XP and sent “H” characters to EUT through graphic card, the EUT’s screen displayed and filled with “H” pattern by it’s resolution. (Via D-Sub & DVI Input).

e. PC system played music and sent audio signal to EUT through the audio in port of EUT.

f. Repeat above procedure from c to e for difference test mode.

g. The other peripherals devices were driven and operated during the test.

h. The test modes are as follows:

Test Mode
VGA 640*480@60Hz
VGA 1024*768@60Hz
VGA 1280*1024@60Hz
DVI 640*480@60Hz
DVI 1024*768@60Hz
DVI 1280*1024@60Hz