

Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, L1742LT.

General Specification

Display	17 inches (43.2 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size: 43.2 cm 0.264 mm pixel pitch		
Sync Input	Horizontal Freq. 30 - 66 kHz (Automatic) Vertical Freq. 57 - 63 Hz (Automatic)(640x350/720x400 support 70Hz) (RGB support 60Hz only(except Dos mode), X-PORT can support ~75Hz) Input Form Separate TTL		
Video Input	RGB	Signal Input Input Form	15 pin D-Sub Connector RGB Analog (0.7 Vp-p/ 75 ohm)
	X-PORT	Signal Input Input Form	X-PORT Connector X-PORT Signal
Resolution	Max	VESA 1280 x 1024 @60 Hz	
	Recommend	VESA 1280 x 1024 @60 Hz	
Plug&Play	DDC 2B		
Power Consumption	On Mode	:	32 W(Typ.)
	Sleep Mode	≤	1 W
	Off Mode	≤	1 W
Dimensions &Weight	With Stand		Without Stand
	Width	36.96 cm / 14.55 inches	36.96 cm / 14.55 inches
	Height	39.13 cm / 15.41 inches	31.51 cm / 12.41 inches
	Depth	18.48 cm / 7.28 inches	5.90 cm / 2.32 inches
	Net	3.1 kg (6.89 lbs)	
Tilt Range	Tilt	-5°~20°	
Power Input	AC 100-240V~ 50/60Hz 0.8A		
Environmental Conditions	Operating Conditions		
	Temperature	10°C to 35 °C	
	Humidity	10 % to 80 % non-Condensing	
	Storage Conditions		
	Temperature	-20°C to 60 °C	
	Humidity	5 % to 90 % non-Condensing	
Stand Base	Attached(), Detached (O)		
Power cord	Wall-outlet type or PC-outlet type		

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 its resolution (Via D-Sub & X-PORT Input)
- e. In X-PORT mode, PC system played music and sent audio signal to EUT through the X-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
D-Sub 640*480@60Hz
D-Sub 1024*768@60Hz
D-Sub 1280*1024@60Hz
X-PORT 800*600@60Hz
X-PORT 1024*768@60Hz
X-PORT 1280*1024@60Hz