

Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, L1742ST.

General Specification

Display	17" visible diagonal (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 - 83 kHz (Automatic)
	Vertical Freq.	56 - 75 Hz (Automatic)
	Input Form	Separate TTL, SOG (Sync On Green)
Video Input	Signal Input	15 pin D-Sub Connector
	Input Form	RGB Analog (0.7 Vp-p/ 75 ohm)
Resolution	Max	VESA 1280 x 1024 @75 Hz
	Recommend	VESA 1280 x 1024 @60 Hz
Plug&Play	DDC 2B	
Power Consumption	On Mode	: 30 W(Typ.)
	Sleep Mode	≤ 1 W
	Off Mode	≤ 1 W
Dimensions & Weight	With Stand	
	Without Stand	
	Width	36.96 cm / 14.55 inches
	Height	39.13 cm / 15.41 inches
	Depth	18.48 cm / 7.28 inches
Net	3.0 kg (6.62 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 (☐)	
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 it’s resolution. (Via D-Sub Input).
- e. Repeat above procedure from c to d for difference test mode.
- f. The other peripherals devices were driven and operated during the test.
- g. The test modes are as follows:

Test Mode
VGA 640*480@60Hz
VGA 1024*768@60Hz
VGA 1280*1024@75Hz