

Equipment Description

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

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.	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	: 22 W(Typ.)
	Sleep Mode	≤ 0.3 W
	Off Mode	≤ 0.3 W
Dimensions & Weight	With Stand	
	Width	40.63 cm / 16.00 inches
	Height	41.97 cm / 16.52 inches
	Depth	18.48 cm / 7.28 inches
	Net	3.45 kg (7.61 lbs)
Tilt Range	Without Stand	
	Width	40.63 cm / 16.00 inches
Power Input	40.63 cm / 16.00 inches	
	34.45 cm / 13.56 inches	
Environmental Conditions	5.99 cm / 2.36 inches	
	Operating Conditions	
	Temperature	10 °C to 35 °C
	Humidity	10 % to 80 % non-Condensing
	Storage Conditions	
Stand Base	Temperature	-20 °C to 60 °C
	Humidity	5 % to 90 % non-Condensing
Power cord	Attached(), Detached (O)	
	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 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
D-Sub 640*480@60Hz
D-Sub 1024*768@60Hz
D-Sub 1280*1024@75Hz