

Equipment Description

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

General Specification

Display	39.6 cm (15.6 inch) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size : 39.6 cm 0.252 mm x 0.252 mm (Pixel pitch)	
Sync Input	Horizontal Freq. Vertical Freq. Input Form	30 kHz to 61 kHz (Automatic) 56 Hz to 75 Hz (Automatic) Separate Sync.
Video Input	Signal Input Input Form	15 pin D-Sub Connector RGB Analog (0.7 Vp-p/ 75 ohm)
Resolution	Max Recommend	VESA 1366 x 768 @ 60 Hz VESA 1366 x 768 @ 60 Hz
Plug&Play	DDC 2B	
Power Consumption	On Mode Sleep Mode Off Mode	: 11 W(Typ.) < 0.3 W < 0.3 W
Dimensions & Weight	With Stand Width 37.7 cm (14.84 inch) Height 31.2 cm (12.28 inch) Depth 15.1 cm (5.94 inch)	Without Stand Width 37.7 cm (14.84 inch) Height 30.6 cm (12.04 inch) Depth 5.6 cm (2.20 inch)
	Weight(excl. packing)	2.3 kg (5.06 lb)
Range	Tilt : -5° to 15°	
Power Input	AC 100-240 V~ 50 / 60 Hz 0.8 A	
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	

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 its resolution (Via D-Sub).
- 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*769@60Hz
D-Sub 1366*768@60Hz