

Equipment Description

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

General Specification

Display	20.0 inches (50.8 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size : 50.8 cm 0.2766 x 0.2766 mm (Pixel pitch)	
Sync Input	Horizontal Freq. Vertical Freq. Input Form	30 - 83 kHz (Automatic) 56 - 75 Hz (Automatic) Separate Sync. Digital
Video Input	Signal Input Input Form	15 pin D-Sub Connector DVI-D Connector (Digital) RGB Analog (0.7 Vp-p/ 75 ohm), Digital
Resolution	Max Recommend	VESA 1600 x 900 @ 60 Hz VESA 1600 x 900 @ 60 Hz
Plug&Play	DDC 2B(Digital),DDC2AB(Anlaog)	
Power Consumption	On Mode Sleep Mode Off Mode	: 40 W(Typ.) ≤ 1 W ≤ 1 W
Dimensions & Weight	With Stand Width 49.68 cm / 19.55 inches Height 39.16 cm / 15.41 inches Depth 21.00 cm / 8.26 inches	Without Stand Width 49.68 cm / 19.55 inches Height 31.96 cm / 12.58 inches Depth 5.94 cm / 2.33 inches
	Weight(excl. packing)	3.5 kg (7.71 lbs)
Range	Tilt : -5°~15°	
Power Input	AC 100-240V~ 50/60Hz 1.0A	
Environment al 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	

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 or DVI 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 1600*900@60Hz
DVI 640*480@60Hz
DVI 1024*768@60Hz
DVI 1600*900@60Hz