

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 x 0.294 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 1280 x 1024 @75 Hz VESA 1280 x 1024 @60 Hz
Plug&Play	DDC 2B(Digital),DDC2AB(Anlaog)	
Power Consumption	On Mode Sleep Mode Off Mode	: 25 W(Typ.) ≤ 0.2 W ≤ 0.1 W
Dimensions & Weight	With Stand Width 40.89 cm / 16.10 inches Height 42.95cm/ 16.91 inches Depth 25.00cm/ 9.84 inches	Without Stand Width 40.89 cm / 16.10 inches Height 33.81 cm / 13.31 inches Depth 5.82 cm / 2.29 inches
	Weight(excl. packing)	2.84 kg (6.26 lbs)
Range	Tilt : -5° ~ 15°	
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	

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 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