

Equipment Description

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

General Specification

Display	48.2 cm (19 inch) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size : 48.2 cm 0.294 x 0.294 mm (Pixel pitch)		
Sync Input	Horizontal Freq. Vertical Freq. Input Form	30 kHz to 83 kHz (Automatic) 56 Hz to 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	:	27 W(Typ.) ≤ 0.2 W ≤ 0.15 W
Dimensions & Weight	With Stand Width 40.89 cm (16.10 inch) Height 37.08 cm (14.57 inch)(Min.) 48.08 cm (18.92 inch) (Max.) Depth 22.44 cm (8.83 inch)		Without Stand Width 40.89 cm (16.10 inch) Height 33.81 cm (13.31 inch) Depth 5.82 cm (2.29 inch)
	Weight(excl. packing)		3.5 kg (7.71 lb)
Range	Tilt Swivel Height	-4° to 16° 356° 110 mm / 4.33 inch	
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 & 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 1280*1024@75Hz
DVI 640*480@60Hz
DVI 1024*768@60Hz
DVI 1280*1024@75Hz