

Equipment Description

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

General Specification

Display	47.0 cm (18.5 inch) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size : 47.0 cm 0.300 x 0.300 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. SOG (Sync On Green), 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 1360 x 768 @ 60 Hz VESA 1360 x 768 @ 60 Hz
Plug&Play	DDC 2B(Digital),DDC2AB(Anlaog)	
Power Consumption	On Mode Sleep Mode Off Mode	: 22 W(Typ.) ≤ 0.5 W ≤ 0.5 W
Dimensions & Weight	With Stand Width 44.26 cm (17.42 inch) Height 33.51 cm (13.19 inch)(Min.) 44.51 cm (17.52 inch) (Max.) Depth 22.44 cm (8.83 inch) Weight(excl. packing)	Without Stand Width 44.26 cm (17.42 inch) Height 26.67 cm (10.50 inch) Depth 6.04 cm (2.37 inch) 3.7 kg (8.22 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	
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 (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 and 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 1360*768@60Hz
DVI 640*480@60Hz
DVI 1024*768@60Hz
DVI 1360*768@60Hz