

Equipment Description

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

General Specification

Display	TFT (Thin Film Transistor) LCD (Liquid Crystal Display) Panel, Anti-Glare coating 54.6 cm visible diagonal (21.5 inch) 0.248 x 0.248 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 1920 x 1080 @60 Hz VESA 1920x 1080 @60 Hz
Plug&Play	DDC 2B(Digital),DDC2AB(Anlaog)	
Power Consumption	On Mode Sleep Mode Off Mode	: 28 W(Typ.) ≤ 0.3 W ≤ 0.3 W
Dimensions & Weight	With Stand Width 50.92 cm (20.04 inch) Height 35.39 cm (13.93 inch)(Min.) 46.39 cm (18.26 inch)(Max.) Depth 22.44 cm (8.83 inch) Weight(excl. packing)	Without Stand Width 50.92 cm (20.04 inch) Height 30.42 cm (11.97 inch) Depth 6.17 cm (2.43 inch) 3.8 kg (8.43 lb)
Range	Tilt Swivel Height	-4° to 16° 356° 110 mm / 4.33 inch
Power Input	AC 100 - 240 V~ 50 / 60 Hz 1.0 A	
Environment al Conditions	Operating Conditions Temperature Humidity Storage Conditions Temperature Humidity	10 °C to 35 °C 10 % to 80 % non-Condensing -20 °C to 60 °C 5 % to 90 % non-Condensing
Stand Base	Attached (<input type="checkbox"/>), Detached (<input type="radio"/>)	
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 (we use white letters on a black background to represent all colors), 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 1920*1080@60Hz
DVI 1920*1080@60Hz
DVI 1680*1050@60Hz
DVI 1280*1024@75Hz
DVI 640*480@60Hz