

Equipment Description

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

General Specification

Display	54.6 cm (21.5 inches) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size : 54.6 cm 0.248 x 0.248 mm (Pixel pitch)	
Sync Input	Horizontal Freq. Vertical Freq. Input Form	30 - 83 kHz (Automatic) 56 - 75 Hz (Automatic) Separate Sync. SOG (Sync On Green)
Video Input	Signal Input Input Form	15 pin D-Sub Connector RGB Analog (0.7 Vp-p/ 75 ohm)
Resolution	Max Recommend	VESA 1920 x 1080 @60 Hz VESA 1920 x 1080 @60 Hz
Plug&Play	DDC 2AB	
Power Consumption	On Mode Sleep Mode Off Mode	: 23 W(Typ.) ≤ 1 W ≤ 0.5 W
Dimensions & Weight	With Stand	Without Stand
	Width 52.58 cm / 20.70 inches Height 40.83 cm / 16.07 inches Depth 19.80 cm / 7.80 inches Weight(excl. packing) 2.8 kg (6.17 lbs)	Width 52.58 cm / 20.70 inches Height 40.08 cm / 15.78 inches Depth 7.88 cm / 3.10 inches
Range	Tilt : -5°~15°	
Power Input	12V  3.0A	
AC-DC Adapter	Type FSP036-DGAA1,manufactured by FSP GROUP or type LCAP07E-2,manufactured by Lienchange Electronics	
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	

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 1680*1050@60Hz
D-Sub 1920*1080@60Hz