

Equipment Description

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

General Specification

Display	23.0 inches (58.4 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size : 58.4 cm 0.265 x 0.265 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), 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 1920 x 1080 @60 Hz
Plug&Play	DDC 2B(Digital), DDC2AB(Anlaog)	
Power Consumption	On Mode Sleep Mode Off Mode	: 28 W(Typ.) ≤ 1 W ≤ 0.5 W
Dimensions & Weight	With Stand Width 55.98 cm / 22.04 inches Height 42.81 cm / 16.85 inches Depth 19.80 cm / 7.80 inches	Without Stand Width 55.98 cm / 22.04 inches Height 39.60 cm / 15.59 inches Depth 7.87 cm / 3.06 inches
	Weight(excl. packing)	3.3 kg (7.28 lbs)
Range	Tilt : -5°~15°	
Power Input	12V  3.0A	
AC-DC Adapter	Type FSP036D-DGAA1,manufactured by FSP Electronic or type LCAPO7E-2,manufactured by Lienchange Electronics	
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 (☐)	
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 or 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:

Adapter	Test Mode
LCAP07F	D-Sub 640*480@60Hz
	D-Sub 1280*1024@75Hz
	D-Sub 1680*1050@60Hz
	D-Sub 1920*1080@60Hz
	DVI 640*480@60Hz
	DVI 1280*1024@75Hz
	DVI 1680*1050@60Hz
	DVI 1920*1080@60Hz
FSP036-DGAA1	D-Sub 640*480@60Hz
	D-Sub 1280*1024@75Hz
	D-Sub 1680*1050@60Hz
	D-Sub 1920*1080@60Hz
	DVI 640*480@60Hz
	DVI 1280*1024@75Hz
	DVI 1680*1050@60Hz
	DVI 1920*1080@60Hz