

Equipment Description

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

General Specification

		LS1920
Display	lat Panel Active matrix-TFT LCD	18,5 inch
	Anti-Glare coating	
	Visible diagonal size :	47,0
	Pixel pitch (mm)	0,300 x 0,300
Sync Input (Automatic)	Horizontal Freq. (Automatic)	30 kHz a 61 kHz
	Vertical Freq. (Automatic)	56 Hz a 75 Hz
	Input Form	Separate Sync.
Video Input	Signal Input	15 pin D-Sub Connector
	Input Form	RGB Analog (0.7 Vp-p/ 75 ohm)
Resolution	Max(VESA)	1366 x 768@60Hz
	Recommend(VESA)	1366 x 768@60Hz
Plug&Play		DDC 2B
Power Consumption	On Mode	11W(Typ.)
	Sleep Mode	< 0,3 W
	Off Mode	< 0,3 W
Dimensions & Weight	With Stand	
	Width (cm • inch)	44,30 • 17,44
	Height (cm • inch)	35,00 • 13,78
	Depth (cm • inch)	16,60 • 6,54
	Without Stand	
	Width (cm • inch)	44,30 • 17,44
	Height (cm • inch)	28,50 • 11,22
	Depth (cm • inch)	5,5 • 2,16
	Weight (excl. packing) (Kg • lb)	2,4 • 5,29
Environmental Conditions	Tilt Range	- 5° ~ 18°
	Operating Conditions	
	Temperature	10°C to 35°C
	Humidity	10% a 80% non-Condensing
	Storage Conditions	
	Temperature	-20°C to 60°C
	Humidity	5% a 90% non-Condensing
Stand Base		Attached (), Detached (O)
Power cord		Wall-outlet type
Power Input (AC 100 - 240 V~ 50 / 60 Hz)		0,8 A

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 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 1366*768@60Hz
D-Sub 1024*768@75Hz
D-Sub 640*480@60Hz