

Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, W2361TV.

General Specification

Display	23 inches (58.42 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size: 58.42 cm 0.266*0.266 mm pixel pitch		
Sync Input	Horizontal Freq.	Analog : 30 - 83 kHz (Automatic) Digital : 30 - 83 kHz (Automatic)	
	Vertical Freq.	Analog,Digital: 56 - 75 Hz (Automatic)	
	Input Form	Separate TTL, Positive/Negative SOG (Sync On Green) Digital (HDCP)	
Video Input	Signal Input	15 pin D-Sub Connector DVI - D connector (Digital)	
	Input Form	RGB Analog (0.7 Vp-p/ 75 ohm), Digital	
Resolution	Max	Analog : VESA 1920 x 1080 @60 Hz Digital : VESA 1920 x 1080 @60 Hz	
	Recommend	VESA 1920 x 1080 @60 Hz	
Plug&Play	DDC 2B (Digital), DDC 2AB (Analog)		
Power Consumption	On Mode	: 42 W(Typ.)	
	Sleep Mode	≤ 1 W	
	Off Mode	≤ 1 W	
Dimensions &Weight	With Stand		Without Stand
	Width	55.69 cm / 21.93 inches	55.69 cm / 21.93 inches
	Height	40.76 cm / 16.05 inches	34.09 cm / 13.42 inches
	Depth	19.32 cm / 7.61 inches	6.78 cm / 2.67 inches
	Net	4.5 kg (9.56 lbs)	
Tilt Range	Tilt	-5°~17°	
Power Input	AC 100-240V~ 50/60Hz 1.0A		
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(<input type="checkbox"/>), Detached (<input type="checkbox"/>)		
Signal cable	Attached(<input type="checkbox"/>), Detached (<input type="checkbox"/>)		
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 & 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 1680*1050@60Hz
D-Sub 1920*1080@60Hz
DVI 640*480@60Hz
DVI 1024*768@60Hz
DVI 1680*1050@60Hz
DVI 1920*1080@60Hz