

Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, W1953TV and W1953SV.

General Specification

Display	18.5 inches (47.0 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size: 47.0 cm 0.300*0.300 mm pixel pitch		
Sync Input	Horizontal Freq.	Analog : 30 - 83 kHz (Automatic) Digital : 30 - 83 kHz (Automatic)	
	Vertical Freq.	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 1360 x 768 @60 Hz Digital : VESA 1360 x 768 @60 Hz	
	Recommend	VESA 1360 x 768 @60 Hz	
Plug&Play	DDC 2B (Digital), DDC 2AB (Analog)		
Power Consumption	On Mode	: 22 W(Typ.)	
	Sleep Mode	≤ 1 W	
	Off Mode	≤ 1 W	
Dimensions &Weight		With Stand	Without Stand
	Width	45.15 cm / 17.77 inches	45.15 cm / 17.77 inches
	Height	35.74 cm / 14.07 inches	29.72 cm / 11.70 inches
	Depth	19.80 cm / 7.79 inches	5.85 cm / 2.30 inches
	Net	3.45 kg (7.60 lbs)	
Tilt Range	Tilt	-5°~15°	
Power Input	AC 100-240V~ 50/60Hz 0.8A		
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="radio"/>)		
Signal cable	Attached(<input type="checkbox"/>), Detached (<input type="radio"/>)		
Power cord	Wall-outlet type or PC-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, 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:

Model Number	Test Mode
W1953TV	D-Sub 640*480@60Hz
	D-Sub 1360*768@60Hz
	D-Sub 1280*1024@75Hz
	DVI 640*480@60Hz
	DVI 1360*768@60Hz
	DVI 1280*1024@75Hz
W1953SV	D-Sub 640*480@60Hz
	D-Sub 1360*768@60Hz
	D-Sub 1280*1024@75Hz