

Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, W1943CMV.

General Specification

Display	18.51 inches (47.01 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size: 47.01 cm 0.30*0.30 mm pixel pitch	
Sync Input	Horizontal Freq.	30 - 83 kHz (Automatic)
	Vertical Freq.	56 - 75 Hz (Automatic)
	Input Form	Separate TTL, Positive/Negative SOG (Sync On Green)
Video Input	Signal Input	15 pin D-Sub Connector
	Input Form	RGB Analog (0.7 Vp-p/ 75 ohm)
Resolution	Max	VESA 1360 x 768 @ 60 Hz
	Recommend	VESA 1360 x 768 @60 Hz
Plug&Play	DDC 2B	
Power Consumption	On Mode	: 21W(Typ.)
	Sleep Mode	≤ 1 W
	Off Mode	≤ 1 W
Dimensions & Weight	With Stand	
	Width	44.90 cm / 17.68 inches
	Height	36.08 cm / 14.20 inches
	Depth	18.30 cm / 7.20 inches
	Net	2.5 kg (5.62 lbs)
Tilt Range	Without Stand	
	Tilt	-5° ~ 15°
Power Input	12V = 3.0 A	
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 or PC-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. PC system played music and sent audio signal to EUT through the audio in port of EUT.
- f. Repeat above procedure from c to e for difference test mode.
- g. The other peripherals devices were driven and operated during the test.
- h. The test modes are as follows:

Test Mode
D-Sub 640*480@60Hz
D-Sub 1024*768@60Hz
D-Sub 1360*768@60Hz