

Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, W2443TV.

General Specification

Display	23.6 inches (59.9 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size : 59.9 cm 0.266 x 0.266 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		
Power Consumption	On Mode Sleep Mode Off Mode	:	42 W(Typ.) ≤ 1 W ≤ 1 W
Dimensions & Weight	With Stand		Without Stand
	Width 56.77 cm / 22.35 inches Height 43.69 cm / 17.20 inches Depth 21.20 cm / 8.35 inches		Width 56.77 cm / 22.35 inches Height 36.07 cm / 14.20 inches Depth 6.60 cm / 2.60 inches
Weight(excl. packing)		5.3 kg (11.89 lbs)	
Range	Tilt : -5°~15°		
Power Input	AC 100-240V~ 50/60Hz 1.2A		
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		
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:

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