

Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, W1946SW

General Specification

Display	TFT (Thin Film Transistor) LCD (Liquid Crystal Display) Panel Anti-Glare coating 23 inches visible diagonal (58.4 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)	
Video Input	Signal Input Input Form	15 pin D-Sub Connector RGB Analog (0.7 Vp-p/ 75 ohm)	
Resolution	Max Recommend	VESA 1920 x 1080 @60 Hz VESA 1920 x 1080 @60 Hz	
Plug&Play	DDC 2AB		
Power Consumption	On Mode Sleep Mode Off Mode	: ≤ ≤	32 W(Typ.) 0.5 W 0.5 W
Dimensions & Weight	With Stand		Without Stand
	Width 54.25 cm / 21.35 inches Height 41.66 cm / 16.40 inches Depth 21.00 cm / 8.26 inches		Width 54.25 cm / 21.35 inches Height 32.30 cm / 12.71 inches Depth 6.05 cm / 2.38 inches
	Weight(excl. packing)		4.2 kg (9.33 lbs)
Range	Tilt : -5°~15°		
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 (), Detached (O)		
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 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 1360*768@60Hz