

Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, W1946TW

General Specification

Display	TFT (Thin Film Transistor) LCD (Liquid Crystal Display) Panel Anti-Glare coating 18.5 inches visible diagonal (47.0 cm) 0.300 x 0.300 mm (Pixel pitch)	
Sync Input	Horizontal Freq. Vertical Freq. Input Form	30 - 61 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 1360 x 768 @60 Hz VESA 1360 x 768 @60 Hz
Plug&Play	DDC 2B(Digital),DDC2AB(Anlaog)	
Power Consumption	On Mode Sleep Mode Off Mode	: 25 W(Typ.) ≤ 0.5 W ≤ 0.5 W
Dimensions & Weight	With Stand Width 42.26 cm / 16.63 inches Height 35.62 cm / 14.02 inches Depth 16.99 cm / 8.35 inches	Without Stand Width 42.26 cm / 16.63 inches Height 26.67 cm / 10.50 inches Depth 6.04 cm / 2.37 inches
	Weight(excl. packing)	3.0 kg (6.66 lbs)
Range	Tilt : -5°~15°	
Power Input	AC 100-240V~ 50/60Hz 0.8A	
Environment al 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	

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 or 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 1360*768@60Hz
DVI 640*480@60Hz
DVI 1024*768@60Hz
DVI 1360*1024@60Hz