Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, W1941JT.

General Specification

Display	18.51 inches (47.0 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size: 47.0 cm 0.30*0.30 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 @ 75 Hz Digital : VESA 360 x 768 @ 60 Hz
	Recommend	VESA 1360 x 768 @60 Hz
Plug&Play	DDC 2B	
Power Consumption	On Mode : 21 W(Typ.) Sleep Mode ≤ 1 W Off Mode ≤ 1 W	

Dimensions & Weight		With Stand	Without Stand
	Width	44.84 cm / 20.30 inches	44.84 cm / 20.30 inches
	Height	40.14 cm / 15.80 inches	30.06 cm / 11.83 inches
		51.14 cm / 20.13 inches	
	Depth	24.16 cm / 9.51 inches	5.84 cm / 2.29 inches
	Net	4.5 kg (10 lbs)	

Range	Tilt	-6°~ 17°
	Swivel	356°
	Height	110 mm / 4.33 inches
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 ( ), 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 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