

## Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, W2261VT.

## General Specification

<b>Display</b>	21.5 inches (54.6 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size: 54.6 cm 0.248*0.248 mm pixel pitch	
<b>Sync Input</b>	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)
<b>Video Input</b>	Signal Input	15 pin D-Sub Connector DVI - D connector (Digital)
	Input Form	RGB Analog (0.7 Vp-p/ 75 ohm), Digital, HDMI
<b>Resolution</b>	Max	Analog : VESA 1920 x 1080 @60 Hz Digital : VESA 1920 x 1080 @60 Hz
	Recommend	VESA 1920 x 1080 @60 Hz
<b>Plug&amp;Play</b>	DDC 2B (Digital, HDMI), DDC 2AB (Analog)	
<b>Power Consumption</b>	On Mode	: 39 W(Typ.)
	Sleep Mode	≤ 1 W
	Off Mode	≤ 1 W
<b>Dimensions &amp; Weight</b>	With Stand	
	Without Stand	
	Width	51.90 cm / 20.43 inches
	Height	39.28 cm / 15.46 inches
	Depth	19.32 cm / 7.61 inches
<b>Tilt Range</b>	Net	4.2 kg (9.26 lbs)
	Tilt	-5° ~ 17°
<b>Power Input</b>	AC 100-240V~ 50/60Hz 1.0A	
<b>Environmental Conditions</b>	Operating Conditions	
	Temperature	10°C to 35 °C
	Humidity	10 % to 80 % non-Condensing
	Storage Conditions	
<b>Stand Base</b>	Attached(    ), Detached (    O    )	
	Signal cable	Attached(    ), Detached (    O    )
<b>Power cord</b>	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, DVI & HDMI Input)
- e. In HDMI test mode, PC system played music and sent audio signal to EUT through HDMI 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 1680*1050@60Hz
D-Sub 1920*1080@60Hz
DVI 640*480@60Hz
DVI 1024*768@60Hz
DVI 1680*1050@60Hz
DVI 1920*1080@60Hz
HDMI 640*480@60Hz
HDMI 1024*768@60Hz
HDMI 1680*1050@60Hz
HDMI 1920*1080@60Hz