Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, W2361VV.

General Specification

Display	23 inches (58.4 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size: 58.4 cm 0.266*0.266 mm pixel pitch		
Sync Input	Horizontal Freq. Vertical Freq.	30 - 83 kHz (Automatic) Analog,Digital: 56 - 75 Hz (Automatic) HDMI: 56 - 61 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) 19 pin HDMI Connector	
	Input Form	Analog (0.7 Vp-p/ 75 ohm), Digital, HDMI	
Resolution	Max	Analog : VESA 1920 x 1080 @60 Hz Digital : VESA 1920 x 1080 @60 Hz	
	Recommend	VESA 1920 x 1080 @60 Hz	
Plug&Play	DDC 2B (Digital, HDMI), DDC 2AB (Analog)		
Power Consumption	On Mode : 42 W(Typ.) Sleep Mode ≤ 1 W Off Mode ≤ 1 W		
Dimensions &Weight		With Stand	Without Stand
	Width 55.69 cm / 21.93 inches Height 40.76 cm / 16.05 inches Depth 19.32 cm / 7.61 inches		55.69 cm / 21.93 inches 34.09 cm / 13.42 inches 6.78 cm / 2.67 inches
	Net	4.5 kg (9.56 lbs)	
Tilt Range	Tilt	-5˚~17˚	
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)		
Signal cable	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, DVI & HDMI Input).

    e. In HDMI mode, PC system played music and sent audio signal to EUT through the 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	DVI 1680*1050@60Hz
D-Sub 1024*768@60Hz	DVI 1920*1080@60Hz
D-Sub 1680*1050@60Hz	HDMI 640*480@60Hz
D-Sub 1920*1080@60Hz	HDMI 1024*768@60Hz
DVI 640*480@60Hz	HDMI 1680*1050@60Hz
DVI 1024*768@60Hz	HDMI 1920*1080@60Hz