

Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, W2053SQV.

General Specification

Display	20 inches (50.8 cm) Flat Panel Active matrix-TFT LCD, Anti-Glare coating Visible diagonal size: 50.8 cm 0.0922(H)*0.2766(V) mm pixel pitch	
Sync Input	Horizontal Freq.	30 - 83 kHz (Automatic)
	Vertical Freq.	56 - 75 Hz (Automatic)
	Input Form	Separate TTL, Positive/Negative SOG (Sync On Green)
Video Input	Signal Input	15 pin D-Sub Connector
	Input Form	RGB Analog (0.7 Vp-p/ 75 ohm)
Resolution	Max	VESA 1600 x 900 @60 Hz
	Recommend	VESA 1600 x 900 @60 Hz
Plug&Play	DDC 2AB	
Power Consumption	On Mode	: 40W(Typ.)
	Sleep Mode	≤ 1 W
	Off Mode	≤ 1 W
Dimensions & Weight	With Stand	
	Width	48.50 cm / 19.09 inches
	Height	37.56 cm / 14.78 inches
	Depth	18.30 cm / 7.20 inches
	Net	3.46 kg (7.62 lbs)
Tilt Range	Without Stand	
	Width	48.50 cm / 19.09 inches
Power Input	31.71 cm / 12.48 inches	
	6.05 cm / 2.38 inches	
Environmental Conditions	Operating Conditions	
	Temperature	10 °C to 35 °C
	Humidity	10 % to 80 % non-Condensing
	Storage Conditions	
	Temperature	-20 °C to 60 °C
Stand Base	Humidity	
	5 % to 90 % non-Condensing	
Power cord	Attached (), Detached (O)	
	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 1600*900@60Hz