

Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, W2753VQV.

General Specification

Display	27.0 inches (68.6 cm) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size: 68.6 cm 0.311*0.311 mm pixel pitch	
Sync Input	Horizontal Freq.	30 - 83 kHz (Automatic)
	Vertical Freq.	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	: 98 W(Typ.)
	Sleep Mode	≤ 1 W
	Off Mode	≤ 1 W
Dimensions & Weight	With Stand	
	Without Stand	
	Width	65.27 cm / 25.69 inches
	Height	48.61 cm / 19.13 inches
	Depth	21.20 cm / 8.34 inches
	Net	7.98 kg (17.59 lbs)
Range	Tilt	-5° ~15°
	Swivel	355°
Power Input	AC 100-240V~ 50/60Hz 1.5A	
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	

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