

Equipment Description

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

General Specification

Display	50.8 cm (20.0 inches) Flat Panel Active matrix-TFT LCD Anti-Glare coating Visible diagonal size : 50.8 cm 0.2766 x 0.2766 mm (Pixel pitch)	
Sync Input	Horizontal Freq. Vertical Freq. Input Form	30 - 83 kHz (Automatic) 56 - 75 Hz (Automatic) Separate Sync. SOG (Sync On Green)
Video Input	Signal Input Input Form	15 pin D-Sub Connector RGB Analog (0.7 Vp-p/ 75 ohm)
Resolution	Max Recommend	VESA 1600 x 900 @60 Hz VESA 1600 x 900 @60 Hz
Plug&Play	DDC 2AB	
Power Consumption	On Mode Sleep Mode Off Mode	: 21 W(Typ.) ≤ 1 W ≤ 0.5 W
Dimensions & Weight	With Stand	Without Stand
	Width 49.28 cm / 19.40 inches Height 38.96 cm / 15.34 inches Depth 19.80 cm / 7.80 inches	Width 49.28 cm / 19.40 inches Height 31.66 cm / 12.46 inches Depth 3.92 cm / 1.54 inches
	Weight(excl. packing)	2.6 kg (5.73 lbs)
Range	Tilt : -5°~15°	
Power Input	12V  2.0A	
AC-DC Adapter	Type ADS-24S-12 1224G*,manufactured by HONOR Electronic or type MU24-B120200-xx,manufactured by LEADER Electronics or type ADS-24NP-12-1 12024G,manufactured by HONOR Electronic	
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 (☐)	
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:

Adapter	Test Mode
ADS-24NP-12-1 12024G	D-Sub 640*480@60Hz
	D-Sub 1024*768@60Hz
	D-Sub 1600*900@60Hz
ADS-24S-12 1224GPG	D-Sub 640*480@60Hz
	D-Sub 1024*768@60Hz
	D-Sub 1600*900@60Hz
DSA-36W-12 1 24	D-Sub 640*480@60Hz
	D-Sub 1024*768@60Hz
	D-Sub 1600*900@60Hz
MU24-B120200-C5	D-Sub 640*480@60Hz
	D-Sub 1024*768@60Hz
	D-Sub 1600*900@60Hz