

## Equipment Description

The Equipment Under Test (EUT) is the LG Electronics U.S.A., Inc. LCD Monitor, W2244TV.

## General Specification

|                                 |                                                                                                                                                                                                    |                                                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Display</b>                  | 21.5 inches (54.6 cm) Flat Panel Active matrix-TFT LCD<br>Anti-Glare coating<br>Visible diagonal size : 54.6 cm<br>0.248 x 0.248 mm (Pixel pitch)                                                  |                                                                                                                        |
| <b>Sync Input</b>               | Horizontal Freq.<br>Vertical Freq.<br>Input Form                                                                                                                                                   | 30 - 83 kHz (Automatic)<br>56 - 75 Hz (Automatic)<br>Separate Sync.<br>SOG (Sync On Green), Digital                    |
| <b>Video Input</b>              | Signal Input<br>Input Form                                                                                                                                                                         | 15 pin D-Sub Connector<br>DVI-D Connector (Digital)<br>RGB Analog (0.7 Vp-p/ 75 ohm), Digital                          |
| <b>Resolution</b>               | Max<br>Recommend                                                                                                                                                                                   | VESA 1920 x 1080 @60 Hz<br>VESA 1920 x 1080 @60 Hz                                                                     |
| <b>Plug&amp;Play</b>            | DDC 2B                                                                                                                                                                                             |                                                                                                                        |
| <b>Power Consumption</b>        | On Mode<br>Sleep Mode<br>Off Mode                                                                                                                                                                  | : 40 W(Typ.)<br>≤ 1 W<br>≤ 1 W                                                                                         |
| <b>Dimensions &amp; Weight</b>  | <b>With Stand</b><br>Width 51.62 cm / 20.32 inches<br>Height 39.60 cm / 15.59 inches<br>Depth 19.80 cm / 7.80 inches                                                                               | <b>Without Stand</b><br>Width 51.62 cm / 20.32 inches<br>Height 33.24 cm / 13.09 inches<br>Depth 6.20 cm / 2.44 inches |
|                                 | <b>Weight(excl. packing)</b> 3.8 kg (8.49 lbs)                                                                                                                                                     |                                                                                                                        |
| <b>Range</b>                    | Tilt : -5°~15°                                                                                                                                                                                     |                                                                                                                        |
| <b>Power Input</b>              | AC 100-240V~ 50/60Hz 1.0A                                                                                                                                                                          |                                                                                                                        |
| <b>Environmental Conditions</b> | <b>Operating Conditions</b><br>Temperature 10°C to 35 °C<br>Humidity 10 % to 80 % non-Condensing<br><b>Storage Conditions</b><br>Temperature -20°C to 60 °C<br>Humidity 5 % to 90 % non-Condensing |                                                                                                                        |
| <b>Stand Base</b>               | Attached ( ), Detached ( O )                                                                                                                                                                       |                                                                                                                        |
| <b>Power cord</b>               | 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 or DVI 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   | DVI 640*480@60Hz   |
| D-Sub 1280*1024@60Hz | DVI 1280*1024@60Hz |
| D-Sub 1920*1080@60Hz | DVI 1920*1080@60Hz |