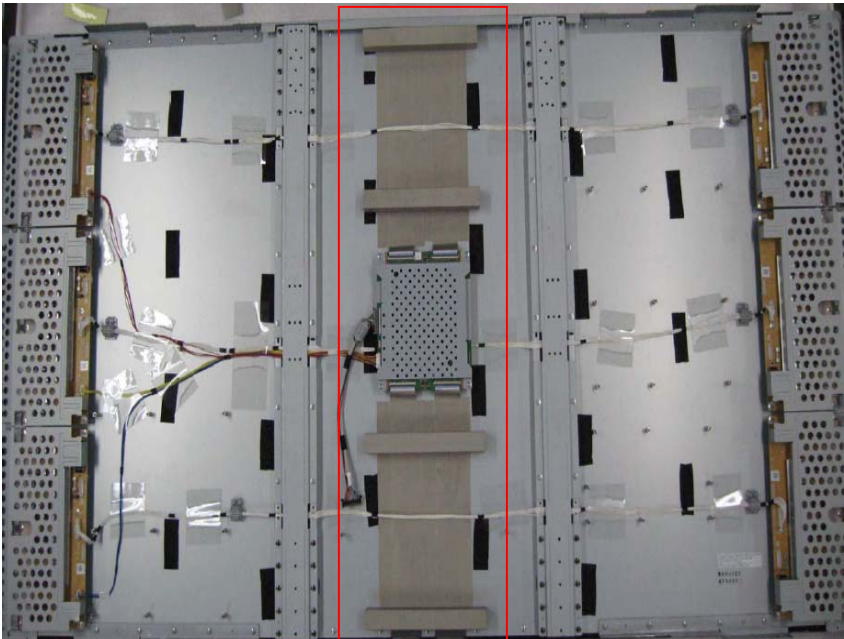
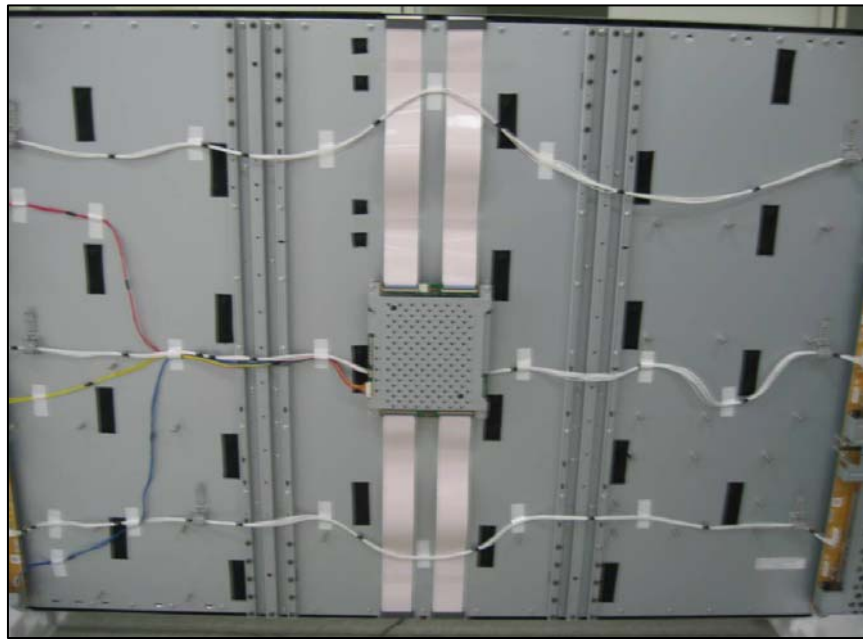
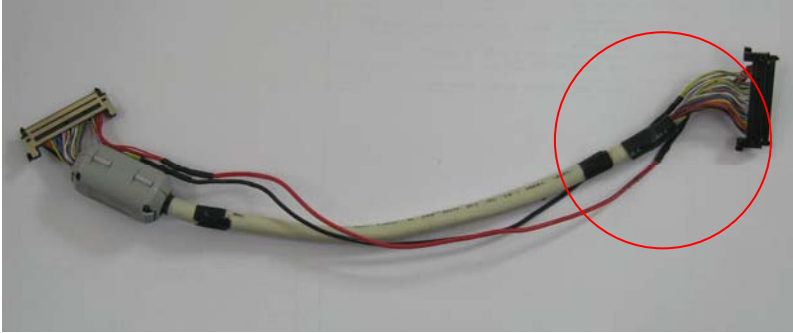

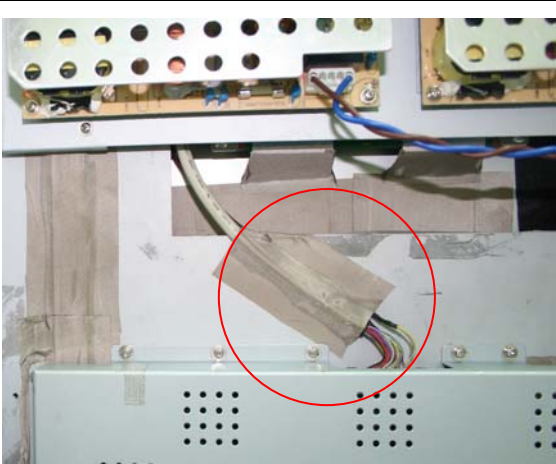
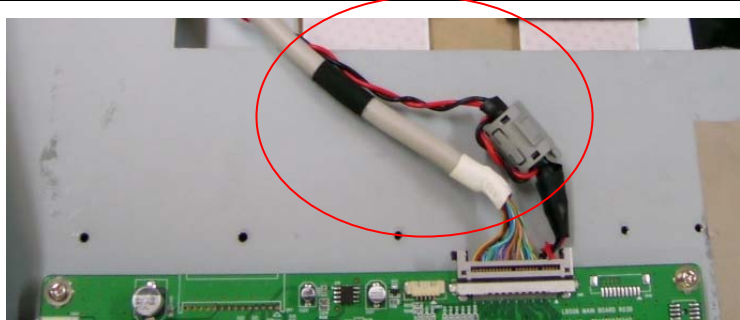


FS-P6501C EMC Modification list for FCC Permissive change

1. On the LCD Panel Module Assembly.

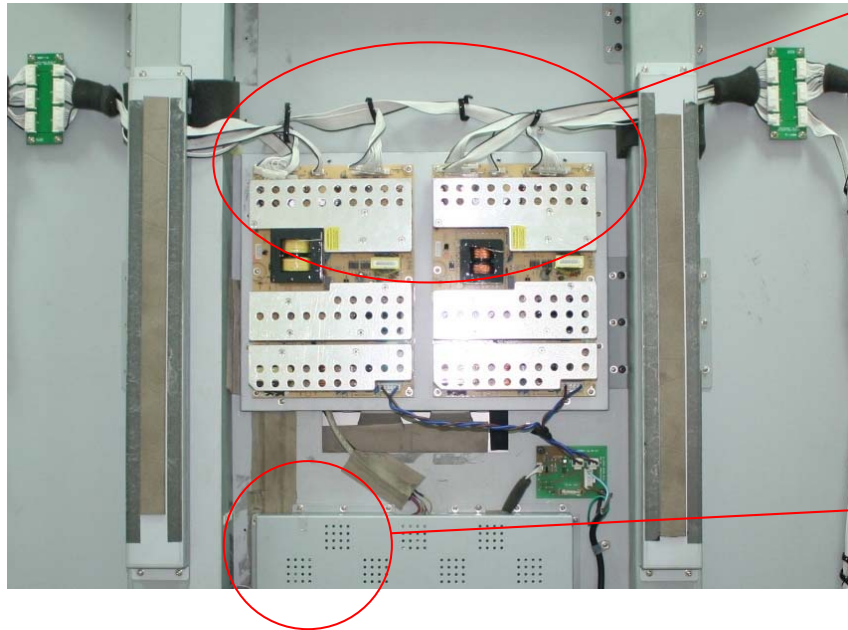
Before	After
 The image shows the back of a large LCD panel assembly. A central vertical strip is covered with a brown, textured material, likely EMI tape or gasket, which is highlighted by a red rectangular box. Various wires and connectors are visible along the edges and across the panel.	 The image shows the same LCD panel assembly after modification. The brown EMI tape and gasket have been removed from the central vertical strip, revealing a metallic surface with a grid of small holes. The wiring remains in place.
1) Removed all kind of EMI tape and gasket on the LCD Panel	

2. On the LVDS Cable.

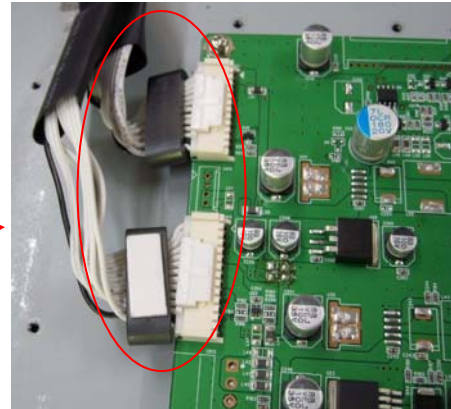
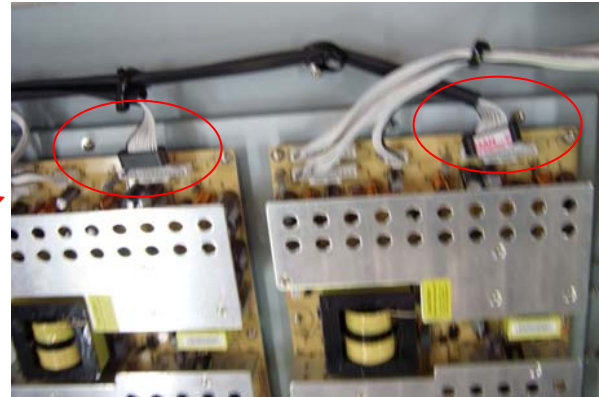
Before	After
 A photograph of an LVDS cable lying on a white surface. The cable has a grey braided shield and multiple colored wires. A black ferrite core is installed on the DC power wires (black and white), and a piece of yellow EMI tape is wrapped around the cable. A red circle highlights the ferrite core and the EMI tape.	 A photograph of the same LVDS cable after modifications. The ferrite core has been removed, and the EMI tape has been removed. A red circle highlights the ferrite core and the EMI tape.
 A close-up photograph of the LVDS cable connection to a green PCB. The cable is plugged into a multi-pin connector. A red circle highlights the connection point.	 A close-up photograph of the LVDS cable connection to a green PCB. The cable is plugged into a multi-pin connector. A red circle highlights the connection point.
1) One more ferrite core(ZCAT1518-0730A, TDK) installed on the DC power wire with one time turning.	
2) Both DC power wire(Black and white) must be twisted each other	
3) EMI Tape removed on this cable	

3. On the SMPS cable

Before

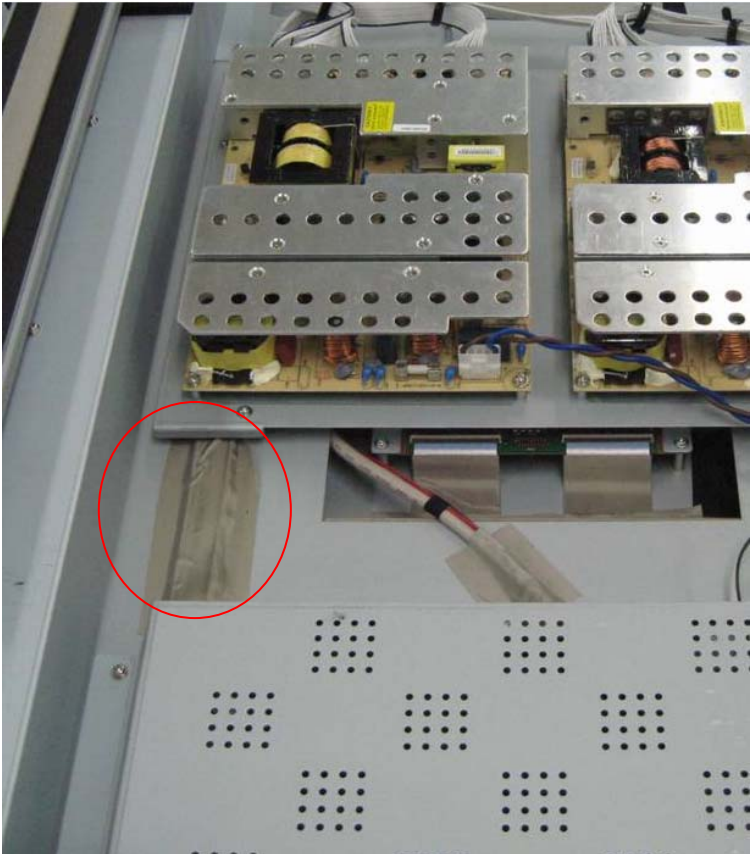
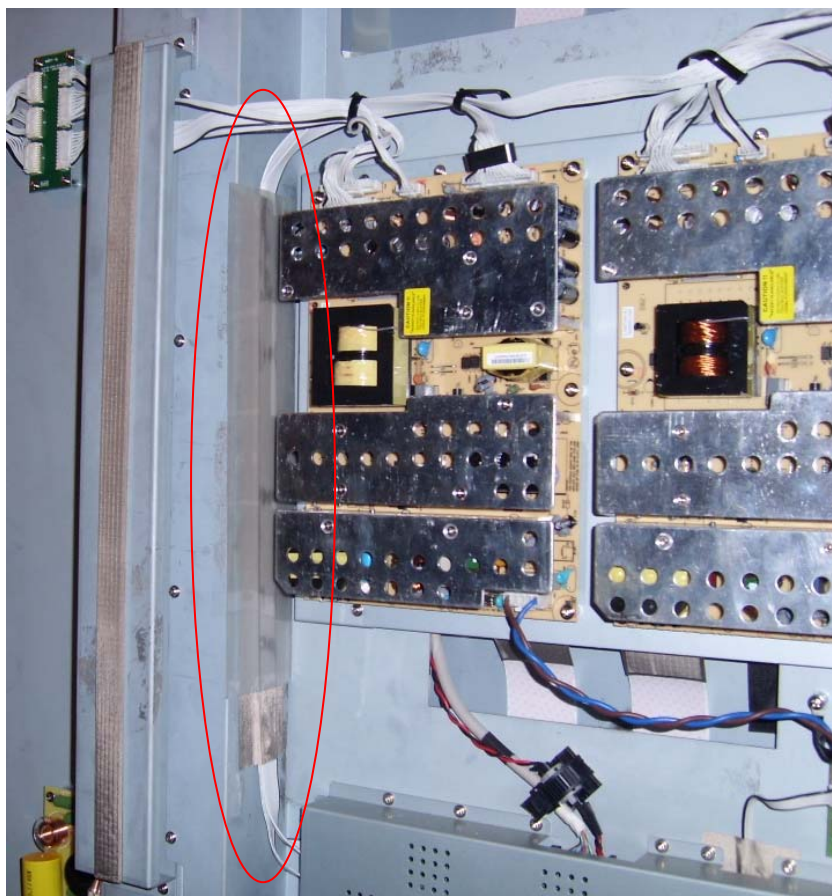


After




1) Four Ferrite core(PC2910, SCC) installed on this cable.

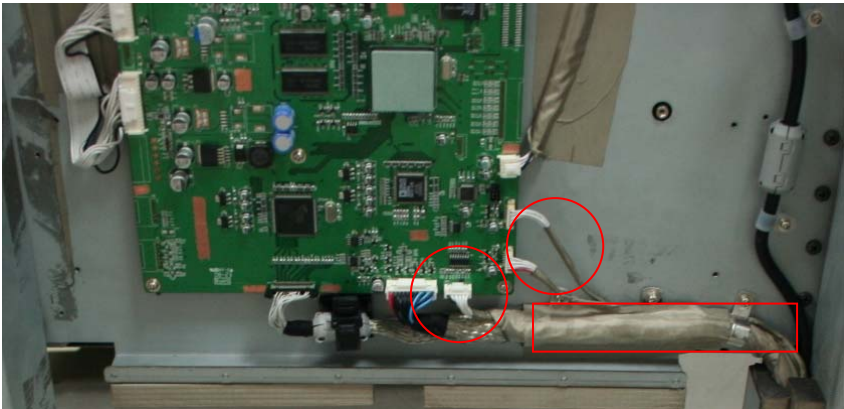

4. SMPS Cable Arrangement

Before	After
 <p>The 'Before' image shows the internal components of a device, including two SMPS units mounted on a metal plate. A red circle highlights a piece of tan-colored insulation sheet placed between the SMPS units and the metal plate, intended to prevent electrical contact.</p>	 <p>The 'After' image shows the same setup, but with the SMPS cables rearranged. A red oval highlights the insulation sheet, which is now positioned to prevent the cables from touching the SMPS circuit components.</p>
<p>1) both SMPS cable must be arranged in this way with insulation sheet to prevent touching SMPS circuit.</p>	


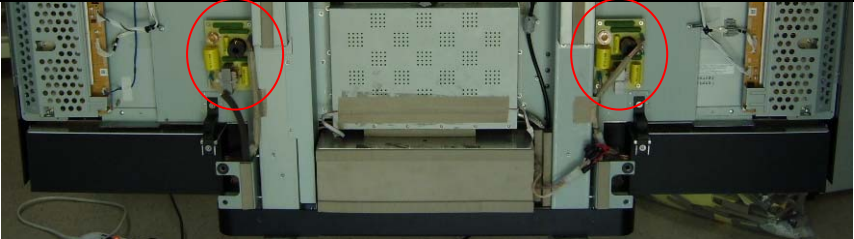
5. On the speaker Assembly

Before	After
	
1) EMI Tape removed at left and right speaker	
2) Rubber damper installed to prevent the vibration from speaker	

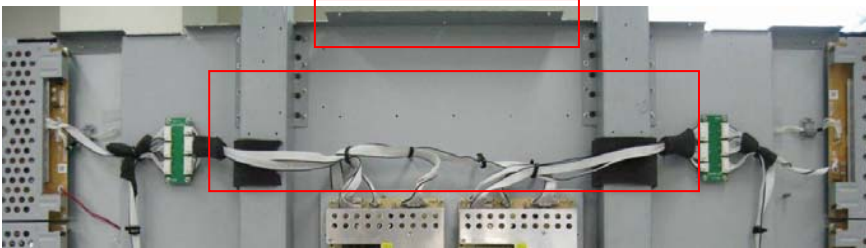
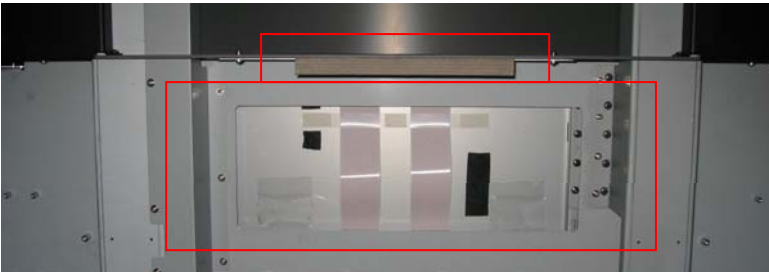
6. Signal cable arrangement

Before	After
	
1) one ferrite core(ZCAT1730-0730A,TDK) installed on the RS232C wire	
2) One ferrite core(ZCAT2035-0930A,TDK) installed on both inductor cable with 1 time turning.	
3) EMI Tape removed on this wire	

7. Crossover filter board

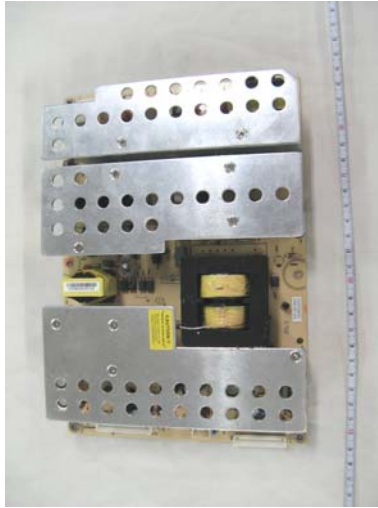
Before	After
	
<p>1) Crossover filter board installed on the main chassis : Originally this board was installed in the speaker cabinet before, but now it will be moved on the main chassis</p>	

8. Main chassis

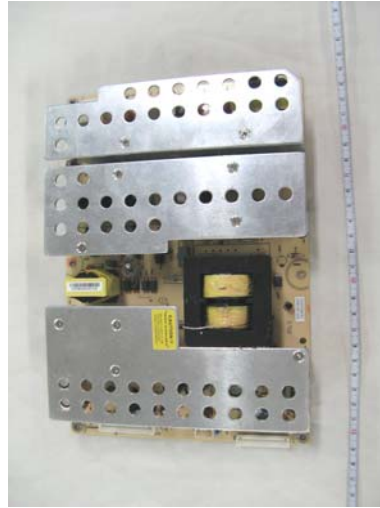
Before	After
	
<p>1) Main chassis cut off for the heat ventilation. 2) EMI Form gasket installed on this point to make contact with rear cover.</p>	

9. Add the SMPS Boards

Before

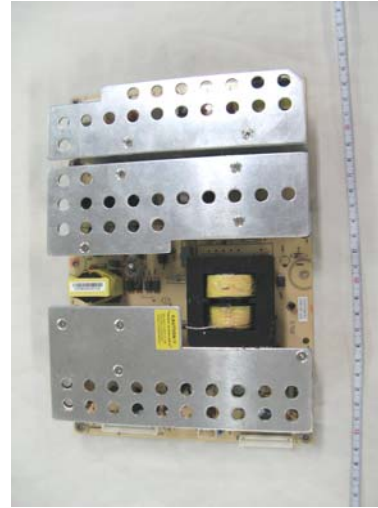


(Left)



(Right)

After



(Left)



(Right)

10. Status indicator board

Before



After



2kind of Status indictor board will be modified

- 1) one more LED will be added for each indication logo
- 2) PCB Coating color will be changed form green to black