

TEST EQUIPMENT

Name of Equipment	Manufactory	Model	Cal. Date
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RE TEST

RF Amplifier	Hewlett Packard	8447F/OPT H64	Dec. 2000
Spectrum Analyzer	Hewlett Packard	E4411A	Dec. 2000
Antenna Master	Electro-Mechanics	EMCO-1050	Sep. 2001
Bilog Antenna	Schaffner	CBL6111C	Apr. 2001

CE TEST

Test Receiver	PMM	8010	Sep. 2001
LISN	EMCO	3825/2	Apr. 2001
Pulse Limiter	PMM	PL-01	Oct. 2001

RECOMMENDATION/CONCLUSION

The data collected shows that the **ATEC SYSTEM CO., LTD.**

Model : **AL 181** **LCD Monitor**

Mode : S-VHS

complies with § 15.107 and 15.109 of the FCC Rules. The highest emission observed was at 2.89MHz for conducted emissions with a margin of 8.0dB and at 224.37MHz for radiated emissions with a margin of 13.33dB.

Mode : PC

complies with § 15.107 and 15.109 of the FCC Rules. The highest emission observed was at 2.91MHz for conducted emissions with a margin of 8.5dB and at 224.61MHz for radiated emissions with a margin of 12.03dB.

APPENDIX A – SAMPLE LABEL

New Labelling Requirements

The sample label shown shall be *permanently affixed* at a conspicuous location on the device and be readily visible to the user at the time of purchase.

LCD Monitor Model : AL 181 Serial Number: N/A ATEC SYSTEM CO., LTD.
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1)THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2)THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

APPENDIX B – CIRCUIT DIAGRAM

APPENDIX C – TEST PHOTOGRAPHS

The **Line-Conducted** and **Radiated** and **Antenna Power Conducted Test Picture** show the worst-case configuration and cable placement.

● Conducted Test Picture

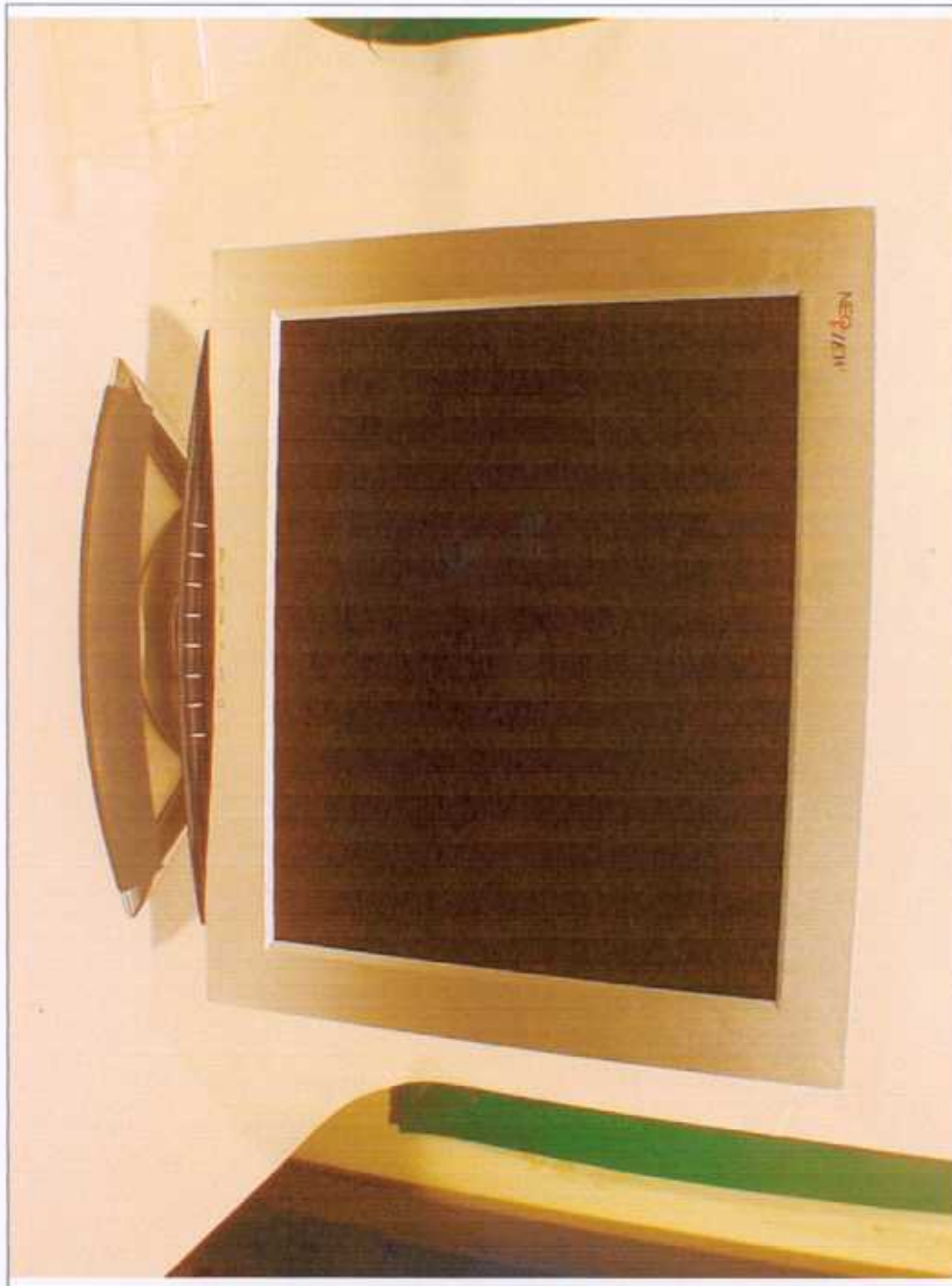


● Radiated Test Picture



APPENDIX D – EUT PHOTOGRAPHS

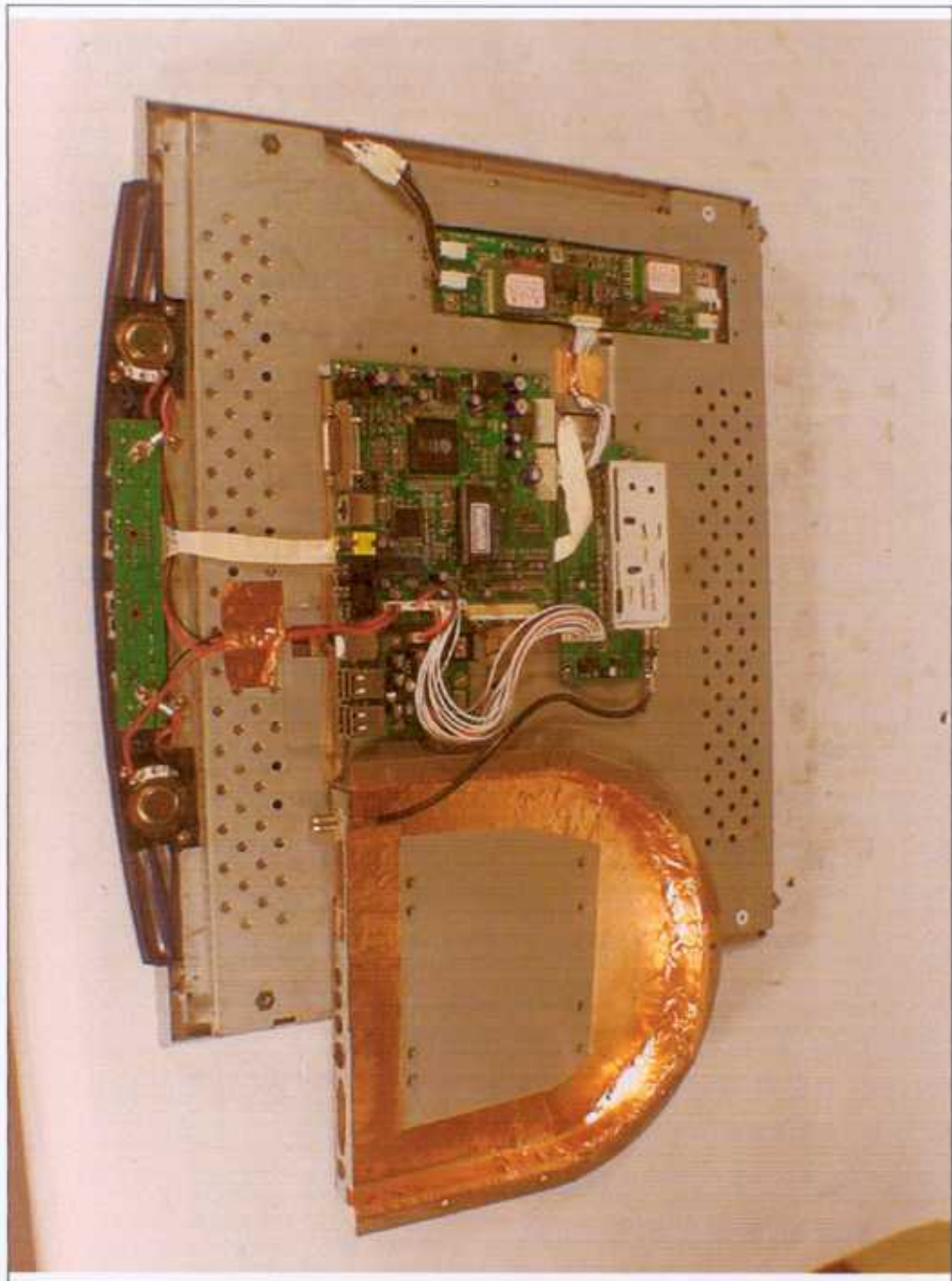
VIEW OF FRONT



VIEW OF REAR



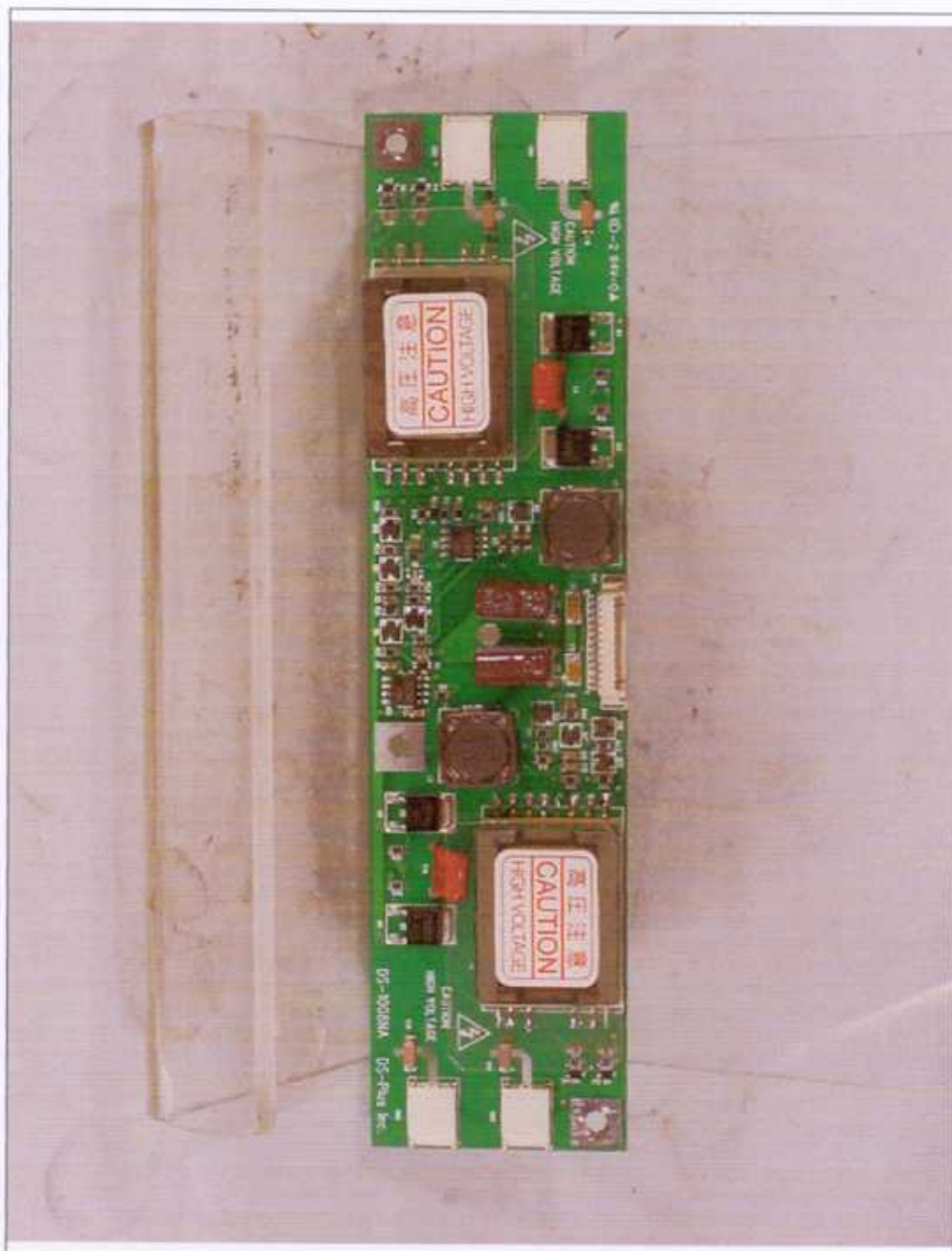
VIEW OF INSIDE



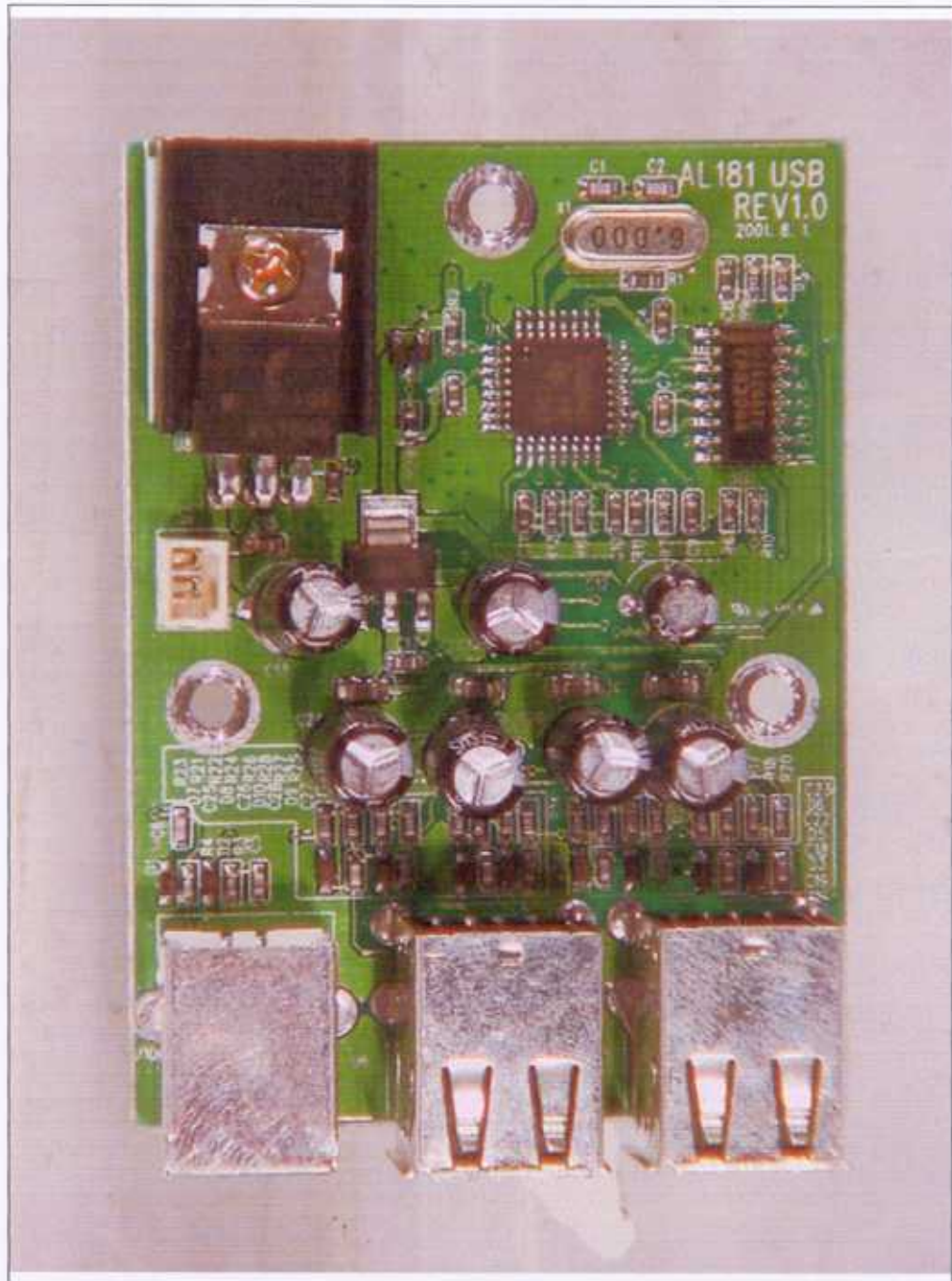
VIEW OF MAIN BOARD



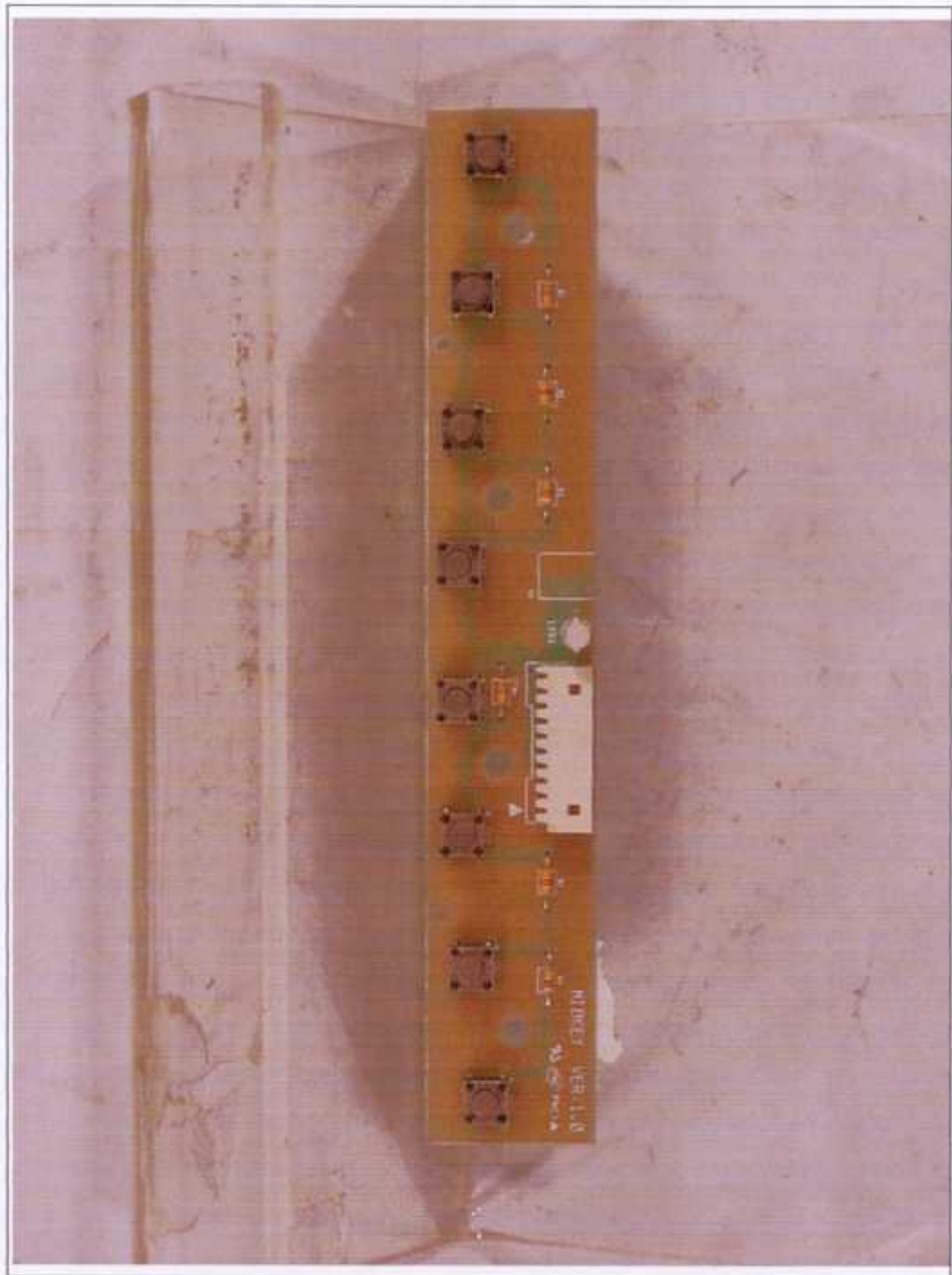
VIEW OF INVERTER



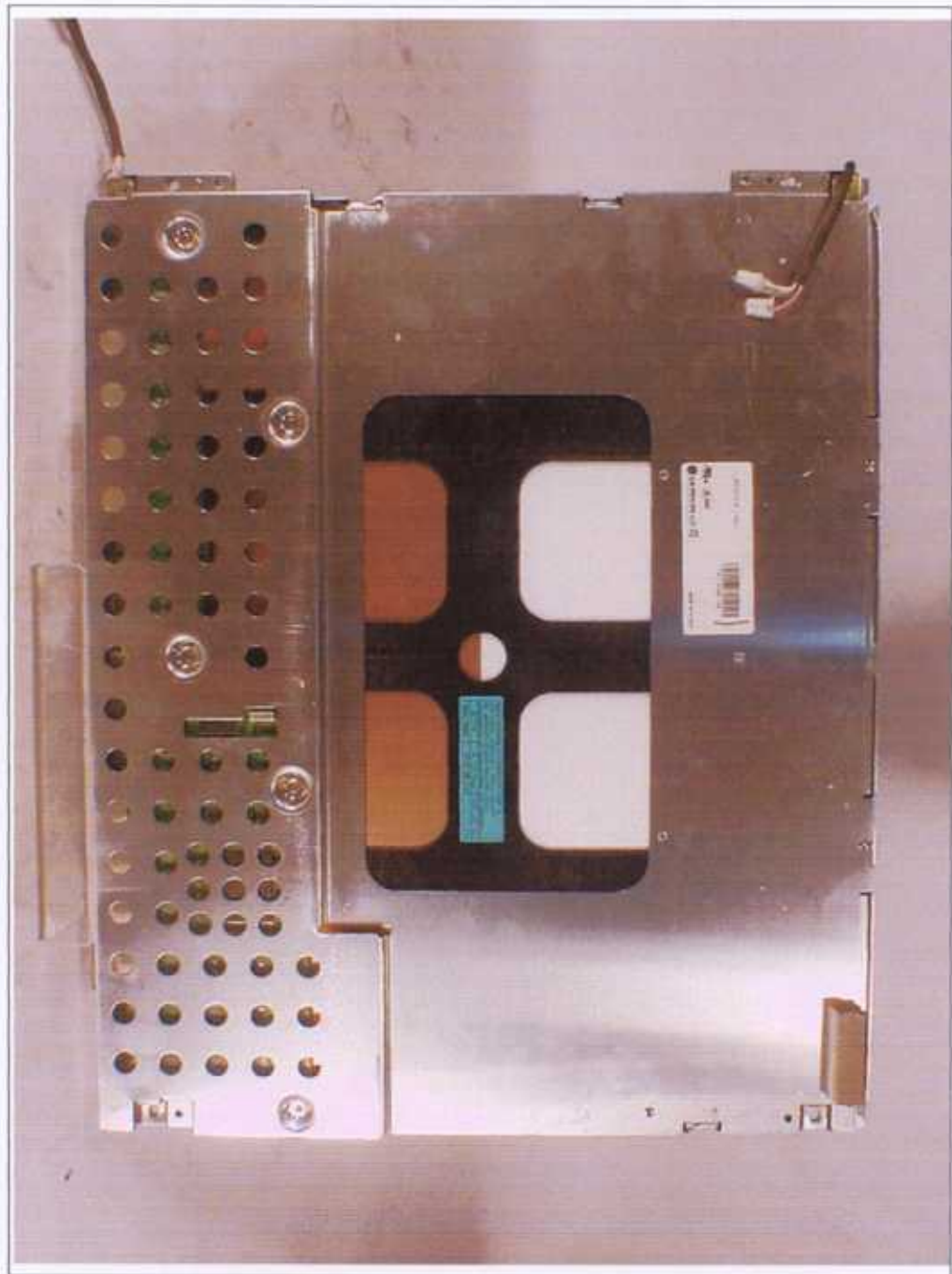
VIEW OF USB BOARD



VIEW OF SWITCH BOARD



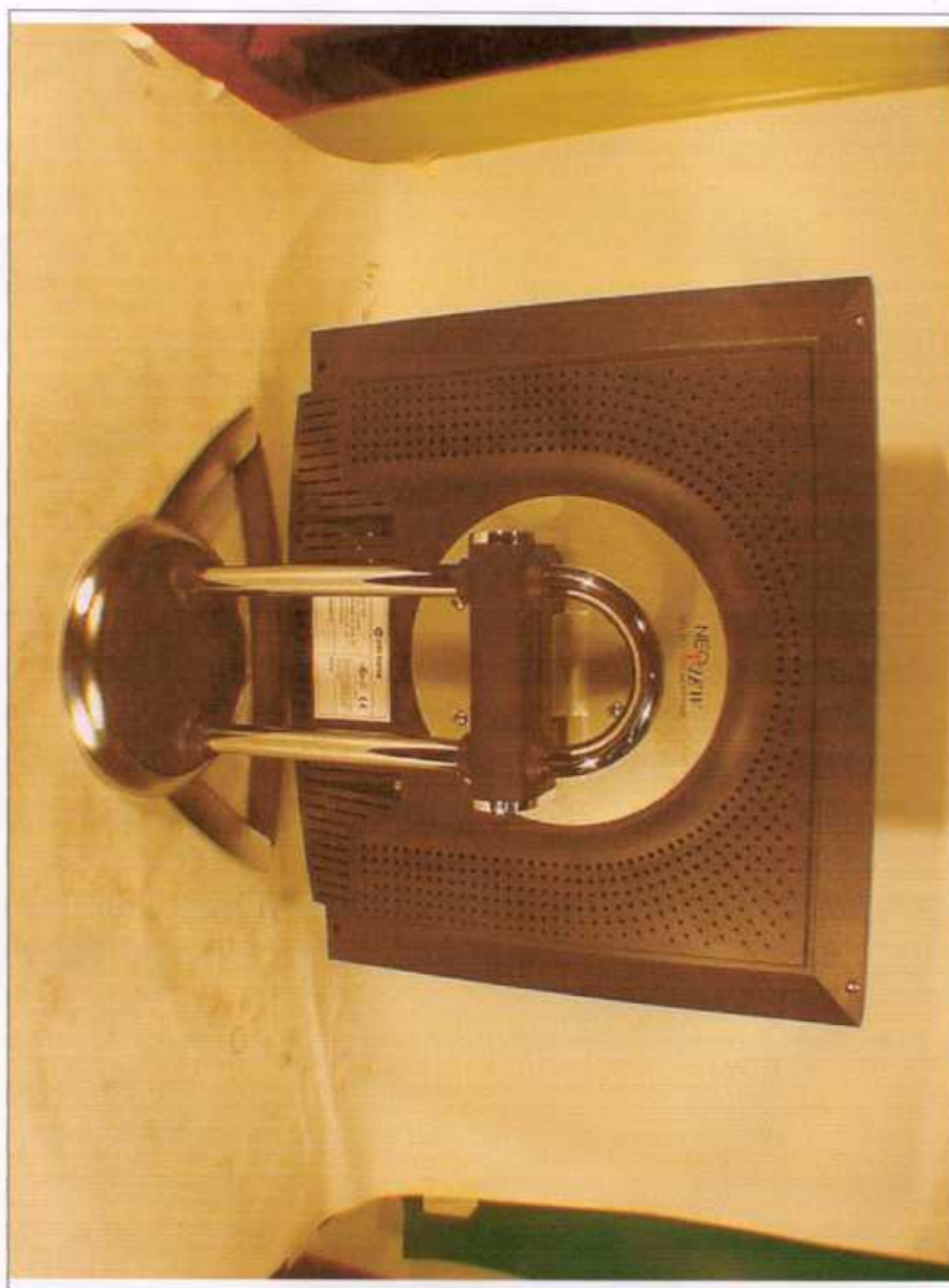
VIEW OF LCD PANEL



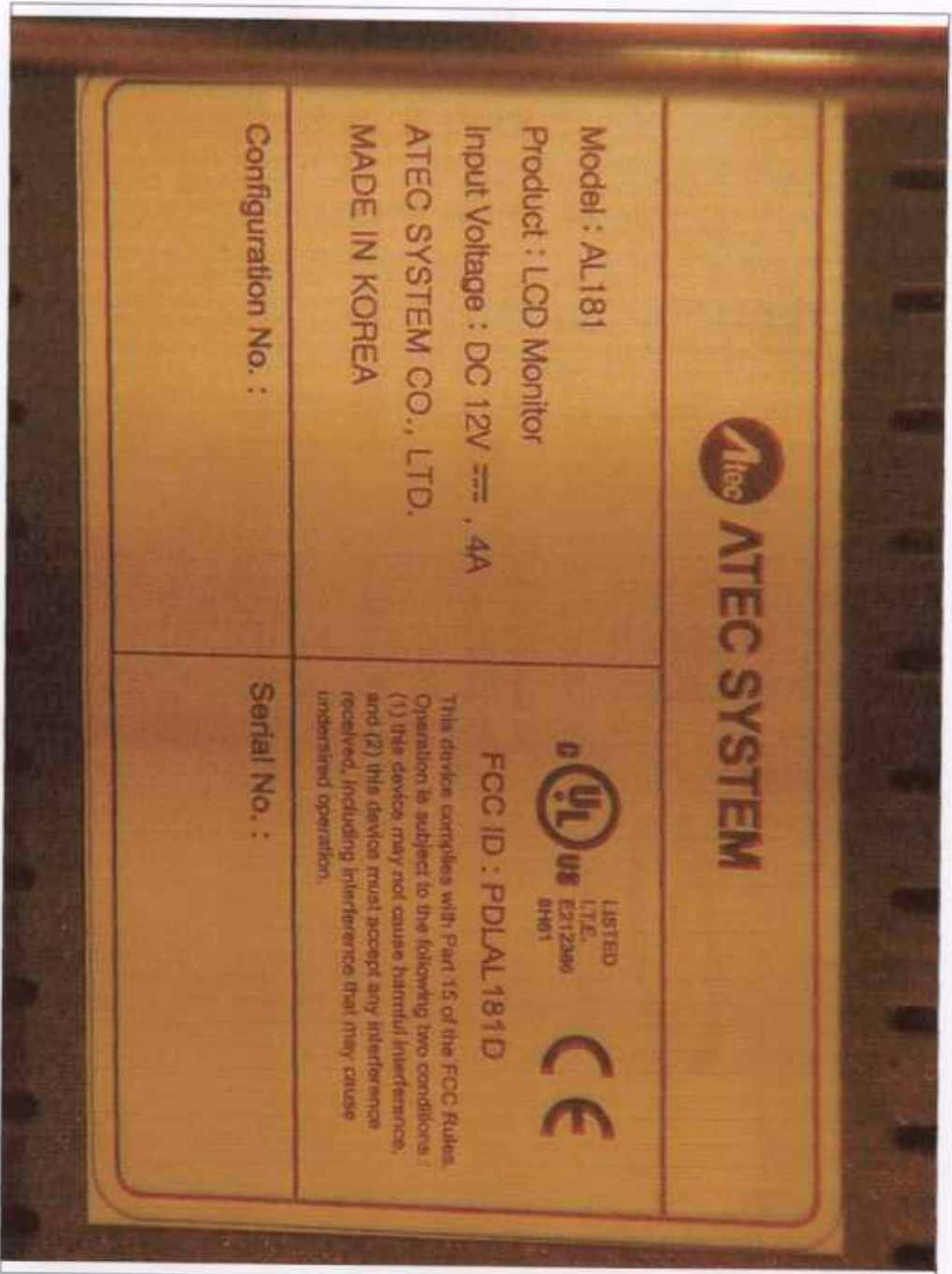
VIEW OF AC ADAPTER



LABEL LOCATION



LABEL



APPENDIX E – USER’S MANUAL
