

## Re: Sharp LL- T17A4-B lcd Monitor

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  - *Date:* Tue, 17 Jun 2008 08:04:38 +1000
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On Thu, 12 Jun 2008 12:04:02 -0500, jakdedert  
<[jakdedert@xxxxxxxxxxxxxx](mailto:jakdedert@xxxxxxxxxxxxxx)> put finger to keyboard and composed:

Bought from the 'E' place for cheap. Reported symptom: video comes on and fades out. Figured it was high ESR smps caps.

Actual symptom: backlight comes on, image consist of random horizontal lines, which eventually—after some intermittent vertical scrolling—settle into a very nice image. Takes like two minutes to warm up. Shutting the monitor down for some unknown time starts the process all over again. Continuous viewing yields a stable image with good resolution, brightness and linearity. Shutting down for short periods is not problematic.

There is only one HV (100 @ 400v) cap in the ps. ESR is .46, which I assume is within tolerance. Other caps in the ps also seem fine.

This presents so like a classic cap issue (needs to warm up), that I'm going to next pull the video board and check caps there...possibly get some freeze spray and see if I can duplicate symptoms that way.

Reality check: any problem with the above procedure, or experience with this particular monitor? Any suggestions as to where to go if the above doesn't produce a dx and fix?

Thanks as always,

jak

FWIW, that monitor came with a 3-year warranty.

If that is not an option, then I'd be hooking up your scope to the horizontal and vertical sync inputs and following them through. It may help if you told us which chips are used, eg Genesis Microchip.

Have you considered that the video source may be just outside the LCD monitor's range? I sometimes find that a 75Hz refresh rate is right at

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the limit before the monitor blacks out. Try a safe 60Hz refresh rate.

What about the OSD? Is it stable? Pull the RGB cable and watch the "No Signal" OSD window, or whatever your monitor reports.

– Franc Zabkar

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