

Trinitron monitor faults

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I have an AppleVision 850AV monitor, which uses a 20" Sony Trinitron tube. It was made in late 1997. Over the last year it has developed a multitude of problems effectively making it unusable.

1. Image has lost focus.
2. Many resolutions and/or refresh rates (but not all) have developed a proportion problem. The image at the sides is very squashed whereas it is spread out at the centre. Some resolutions and/or refresh rates have ceased to work altogether, even if they are not out of range – screen goes blank and makes a weird noise.
3. Most annoyingly – the whole picture ripples all the time. The pixels basically jitter, and the monitor emits a buzzing sound. This occurred recently and very suddenly, on all resolutions.

I have taken the screen apart and looked at the Analog board. I found a charred bit and resoldered a couple of burnt contacts. Put it all back together but no improvement. 1 should be an easy fix, but what about 2 and 3? I have no idea where to begin.

TIA.