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Power Macintosh: Incorrect VRAM Causes 'Ghosted' Images (7/94)

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TOPIC ---

I just upgraded the VRAM on the video cards in four Power Macintosh 8100/80
systems which are being used with Sony 20" multisync monitors. After the
upgrade, the display is normal at thousands of colors, but in millions of
colors, there are "ghosted" images of each horizontal pixel (ghost image to the
left, and 2 ghost images to the right of the actual objects). The same problem
occurs with the mouse pointer. What is causing this problem?

DISCUSSION --

It appears that you have installed two of the M5953LL/A VRAM upgrade kits on
each video card. These are the incorrect VRAM kits. These kits contain two 256K
SIMMs and can be used in the Power Macintosh 7100/66 and other CPUs which accept
256K VRAM SIMMs. The correct VRAM upgrade kit is M1311LL/A, which contains one
512K VRAM SIMM. The Power Macintosh 8100 video card requires four 512K VRAM
SIMMs to upgrade from 2MB to 4MB VRAM.

The 2MB VRAM on the Power Macintosh AV cards is not expandable, therefore this
issue should not arise with these cards. Reducing the monitor bit depth is
typically a good method of testing whether a display problem is caused by a VRAM
upgrade.

Article Change History:
08 Jul 1994 - Reviewed for technical accuracy, made article available
              for all readers.

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