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DOS Compatibility Card: Video Signal Brighter In Windows (8/95)

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Revised:        9/29/95
Security:       Everyone
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Article Created: 25 August 1995
Article Reviewed/Updated: 29 September 1995

TOPIC ---

I am using a DOS Compatibility Card with a Multiple Scan 17 Display. Everything
seems to work okay in the Macintosh and DOS environments, but when in the
Windows environment, all lines are distorted. In particular, vertical lines tend
to "bleed" to pink and then white. Only black shows up properly.

DISCUSSION --

Here is some background that explains the nature of the
problem and provide a reasonable workaround

Background
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The video signal for the DOS/Windows image is actually brighter than the
Macintosh image to compensate for the dark image quality that Windows has. The
poor image quality of Windows was confirmed by original beta testers for the DOS
Compatibility Card. The beta users complained about Windows not being as bright
and "crisp" as the Macintosh image. To compensate, the DOS video signal has
actually been adjusted so it is brighter (greater signal strength) than the
Macintosh video image.

In some cases though, the adjusted difference in brightness can be seen and the
Windows video can slightly overdrive the display. The increased video signal
strength may create streaks or ghosts of color around icons and other objects in
the Windows video image.

Workaround
==========
In configurations where there is ghosting, color streaks or outlines in the
Windows video image: switch to Windows; adjust the contrast control of the

display down to minimize contrast (this should remove the ghosting or streaks);
increase or adjust the brightness for an acceptable display image brightness.

This adjustment should provide an acceptable display for both Macintosh and
Windows images.

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Tech Info Library Article Number:18495