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Subject: Re: unwanted color bands in image display  
Posted by [David Fanning](#) on Fri, 28 Jun 2002 20:34:43 GMT  
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Asti Bhatt (astib@cc.usu.edu) writes:

> When I try to display image with TV or TVSCL, or for that matter,  
> store as a PS and then view it, it always shows annoying color bands  
> or lines in the image. These bands are generally red or blue,  
> depending on the monitor properties I guess. I tried to use, device,  
> decomposed=0, but that doesn't make any difference. I am quite  
> frustrated with this thing, and hence I like to use LIVE TOOLS instead  
> of TV things, but they have limited capabilities. Any suggestions for  
> removing these color bands ?

I'm going to go way out on the limb and guess operator error. The TV command is pretty well tested in IDL. I doubt it is putting red and blue bands in your image. :-)

Tell us a bit more about your image. Is it byte data? 8-bit or 24-bit? Did you scale the data yourself? How did you do it? How did you configure your device before you displayed the data? Did you load a color table just before you displayed the data? Are you sure red and blue are not part of your color table? How did you determine this? Etc.

Have you tried something like TVIMAGE or IMDISP to display your image? Sometimes getting everything set up just right can be a bit of a pain.

Cheers,

David

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