

---

Subject: Re: Image w/contours in PostScript?  
Posted by [scollick](#) on Tue, 09 Nov 1993 17:42:26 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

> I'm having trouble printing color PostScript files created in  
> IDL on our Tektronix Phaser IIsdx printer. The files contain  
> images upon which I would like to overlay contours. I have been  
> doing the following to create my PostScript files:

[stuff deleted]

I handle this a little differently. I use device coordinates to set everything up.

In the following example, plot the contour of IMAGE(INX,INY).

```
----- start
  set_plot,'PS'

  ; set the orientation dependent on x and y box sizes
  if iny ge inx then begin    ; use portrait mode
    x = inx/float(iny) * 8.0
    device,/inch,xsize=x,ysize=8.0,bits_per_pixel=8,xoffset=(8.5 -x)/2., $
      yoffset=1.5,/color,filename = file
  endif else begin          ; use landscape mode
    y = iny/float(inx) * 8.0
    device,/inch,xsize=8.0,ysize=y,bits_per_pixel=8,yoffset=9.5, $
      xoffset=(8.5-y)/2.,/color,filename = file,/landscape
  endelse

  !p.thick=2
  !p.position=[0,0,1,1]

  ; now plot the contour
  contour,image,/noerase,xstyle=5,ystyle=5,position=[0,0,1,1], /normal

  device, /close
----- end
```

This works with our Tektronics Phaser color printer.

Good Luck,  
--Keith Scollick

---