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Subject: Re: sqrt in legend() crossing power index  
Posted by [wlandsman](#) on Thu, 12 May 2016 19:52:27 GMT  
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You can make the exponent smaller with the !E positioning command

```
p=plot([0,1],[0,1],name='best fit function 2.35w$\sqrt{N!E^2!N + EF\backslash slash w}$$')
```

though it still overlaps the square root top bar.

I'd probably just write out "SQRT( )" rather than make the symbol. --Wayne

On Thursday, May 12, 2016 at 1:26:20 PM UTC-4, Gregory wrote:

> I am trying to write something on a plot, and using \sqrt{} in latex mode in legend() function  
> produces somewhat annoying appearance - sqrt feature crosses power index: it can be seen in  
the example below.

```
>  
> p=plot([0,1],[0,1],name='best fit function 2.35w$\sqrt{N^2 + EF\backslash slash w}$$')  
> legend=legend(target=[p],pos=[0.8,0.3])  
>  
> Anyone knows how to fix that?  
> I am using idl8.3 in this case.
```

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