


```
> resampled_array = mean(mean(reform(array,4,32,4,5000,32,/OVER),DIM=1,/NAN),DIM  
=2,/NAN)  
>  
>  
>  
> alx.
```

Maybe faster would be:

```
resampled_array=mean(transpose(reform(array,4,32,4,5000,32,/ OVER),[0,2,1,3]), DIM=1,/NAN)
```

alx.
