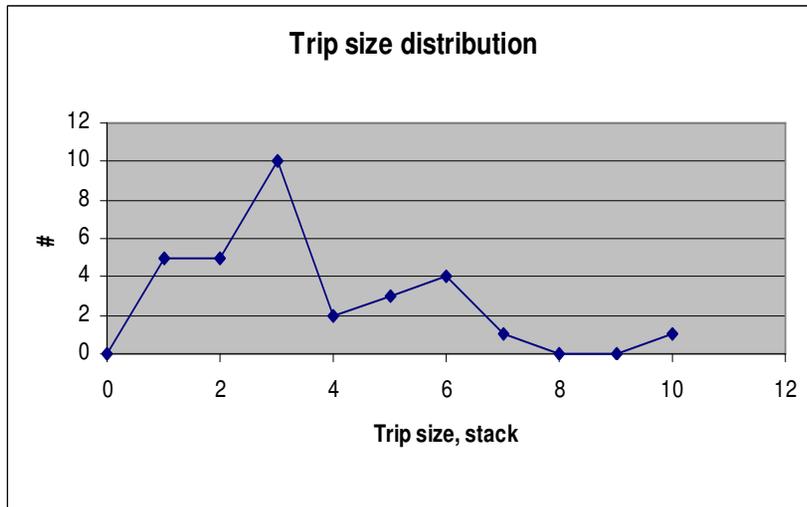
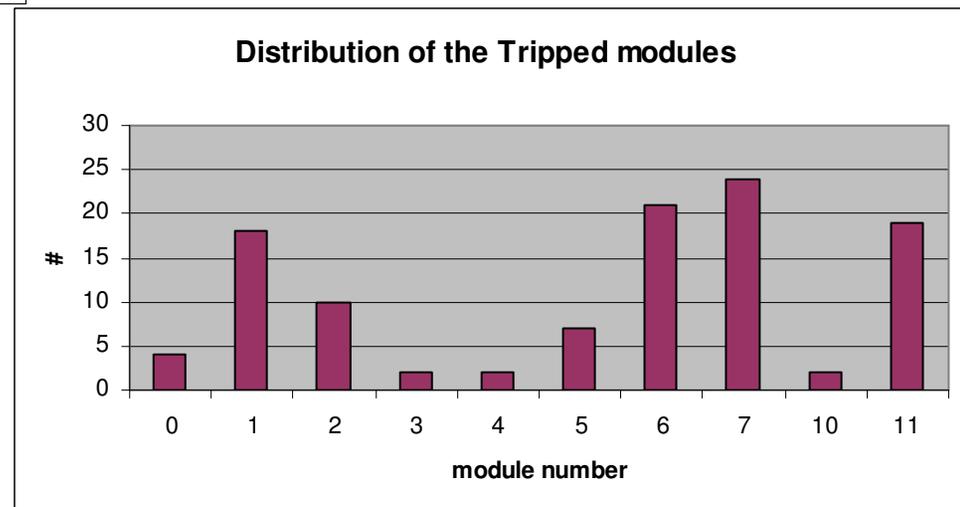


# HBD West Trip statistics

Nominal Resistor chain current = 146uA

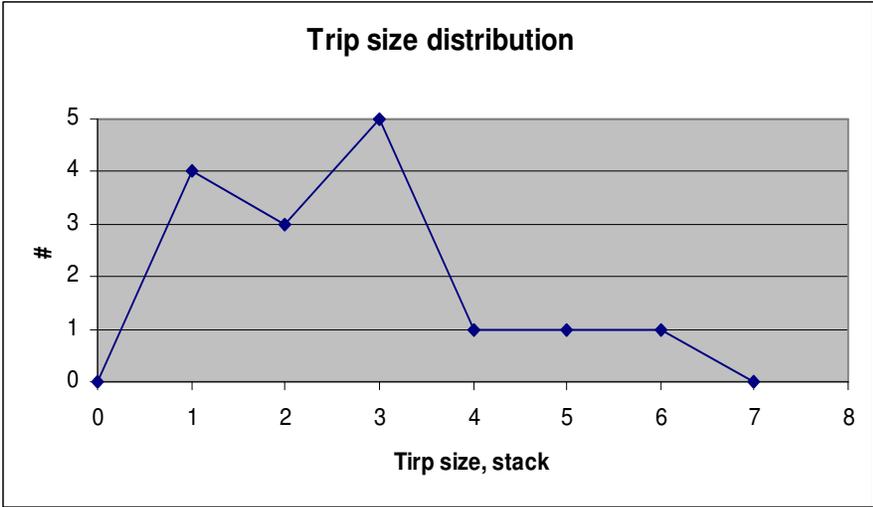


Mean and Peak Trip  
limit = 170 uA



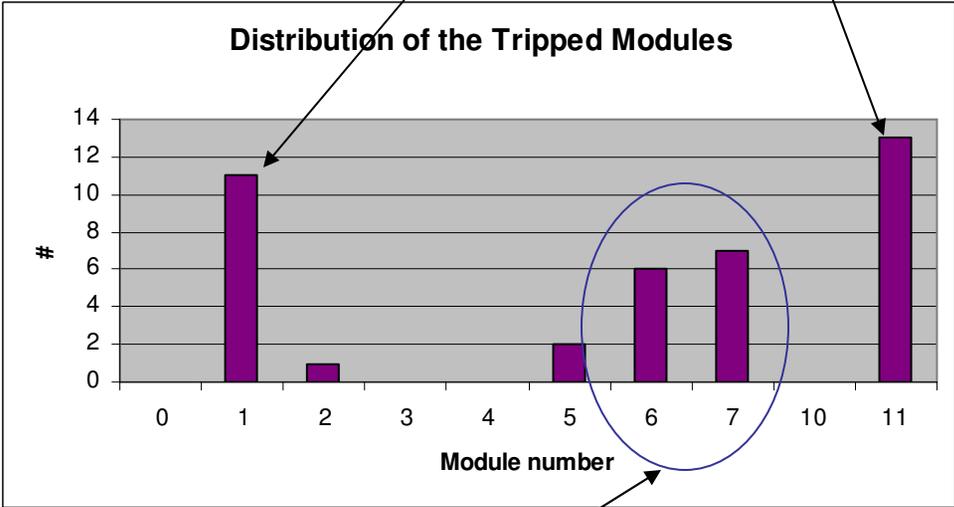
HV output number

Mean and Peak Trip  
limit = 175  $\mu$ A



3 South

4 South



0, North, South

## More statistics:

- At 170uA there were 37 trips over 93 hours.  
 $93/37=2.5$  hours
- At 175uA there were 32 trips over 90 hours.
- $90/32=2.8$  hours
- Trip pattern (size, stacks) changed, but frequency **was not**
- There are two outliers: South 3 and 4.  
May be 0 North/South too?

There is another observation: LabView program did not write any record **of trips** over last 96 hours??? Reboot computer, restart program- did not help. **No trip or soft glitch?**

We finished testing all stacks but one with the short. Will start today.

Jason is analyzing spectra