

Useful gf3 commands

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Common Commands

- **SP** – *Loads filename.spe*
- **DS** – *Re-display spectrum*
- **EX** – *Expand (zoom) spectrum*
- **NX 0** – *Unexpand (unzoom) spectrum (note, need to follow this command by “DS” to redisplay spectrum).*
- **PK** - *“One Click” peak fitting + background subtraction. Click on peak to fit it. Type “x” to exit “PK” fitting routine.*
- **ST** – *Exit Radware.*

Other Commands

- **X0** – *Set lower limit of spectrum display.*
- **NX 1000** – *Set upper limit of spectrum as 1000 channels higher than lower limit. “NX 0” sets upper limit to all-channels (unzooms).*
- **HE** – *Enter “help” menu. Shows all possible 2-letter commands.*
- **EC** – *Enter “slope” and “offset” for the linear energy calibration you found with Excel. You can use this to check your results in gf3.*

Ways to check your Peak Fit

- **SU** - “sum” all counts between the lower and upper limit as selected by mouse clicks (including background). You can use this to check your peak areas that you get with “PK” command.
- **NF** - “New Fit” command. Non – automatic peak fitting routine. Useful if there are two peaks close together like the 1085 keV and 1089 keV peaks in ^{152}Eu . Click on lower and upper limits, click on centroids of the peak(s), push “x” and then push “enter” twice. Often need to set $C=0$ (in set constants part) for best results!