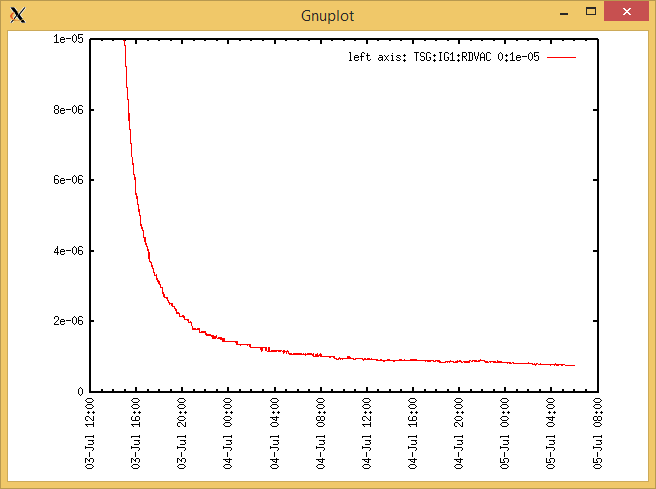
Conditioning Report

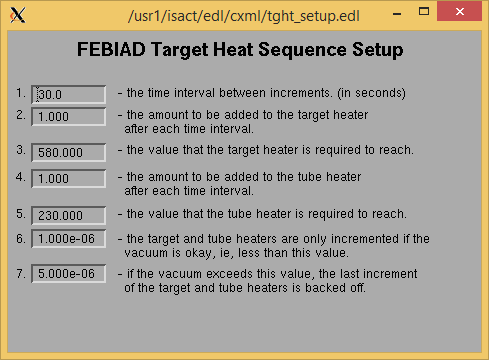
|  |  |  |
| --- | --- | --- |
| Target material and number | | Ta#56 |
| Target WO-SN | | 42218-9 |
| Operator name | | Aaron Schmidt |
|  | |  |
| Heating start date and time | | 2018-07-05 06:30 |
| BIAS | |  |
| Voltage [kV] | | 30 |
| Current [µA] | | 48 |
| Extraction Electrode (EE) | |  |
| Voltage [kV] | | 1.5 |
| Current [µA] | | 513 |
| TGHT | |  |
| Current [A] | | 582 |
| Voltage [V] | | 5.1 |
| TBHT | |  |
| Current [A] | | 230 |
| Voltage [V] | | 2.2 |
| FEBIAD ANODE | |  |
| Voltage [V] | | - |
| Current [mA] | | - |
| FEBIAD COIL | |  |
| Current [A] | | - |
| Voltage [V] | | - |
| Flow and Temperature HS + MSP | | 32.9 |
| Flow [lpm] | | 3.82 |
| Temperature increase [C] | | 8.4 |
| FC6 currents [A] | | 2.21e-07 |
| SIS | 7Li | 9.99e-08 |
| FEBIAD | 20Ne | - |
| SIS | 23Na | 8.35E-09 |
| SIS | 39K | 2.16E-07 |
| SIS | 85Rb | 1.31E-07 |
| SIS | 133Cs | 1.07E-07 |
| Heating end date and time | | 2018-07-06 18:55 |

Comments

8h Vacuum Pump Down

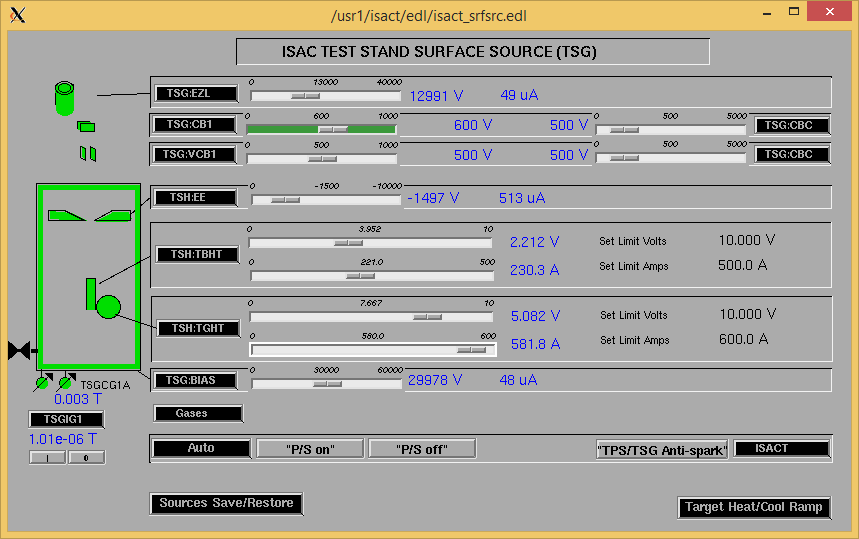


Target Heat Sequence Setup

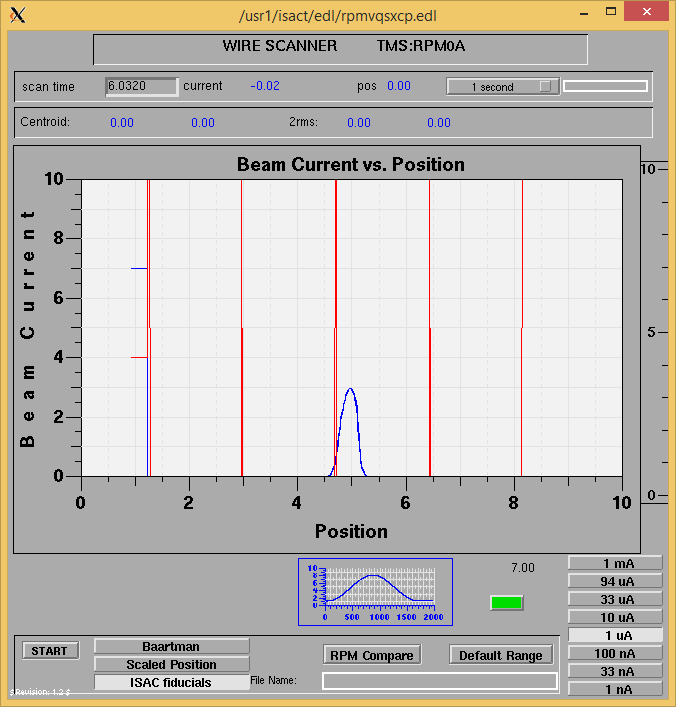


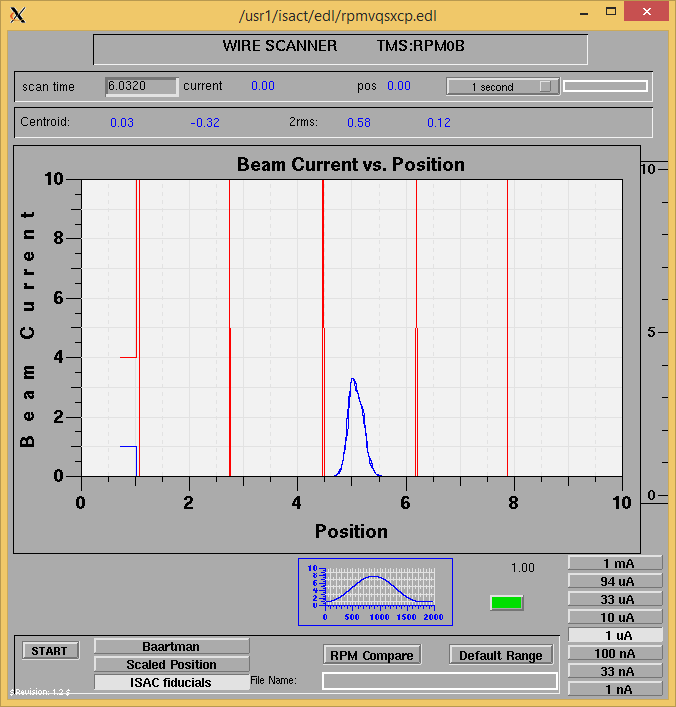
Halted at 221A. Read back registered at 230A.

Source Tuning



Wire Scanners RPM0A and RPM0B





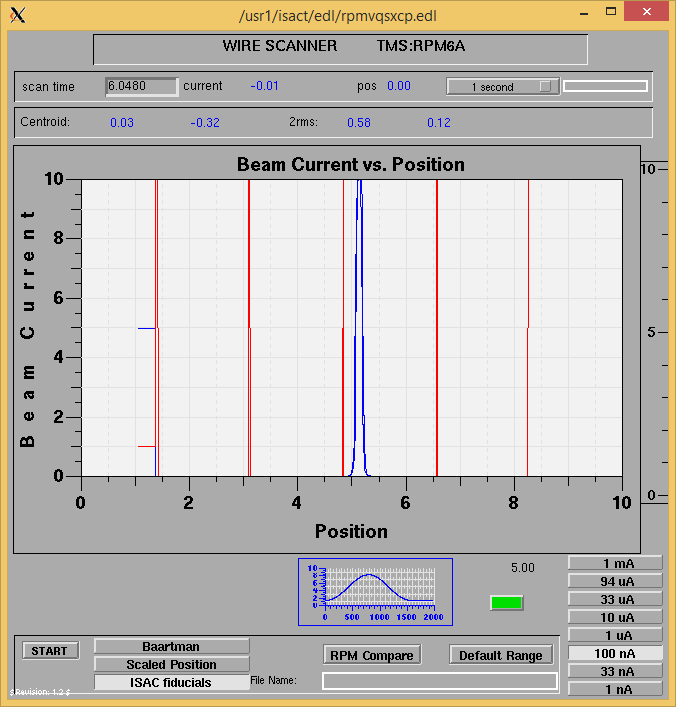
Optics Tuning

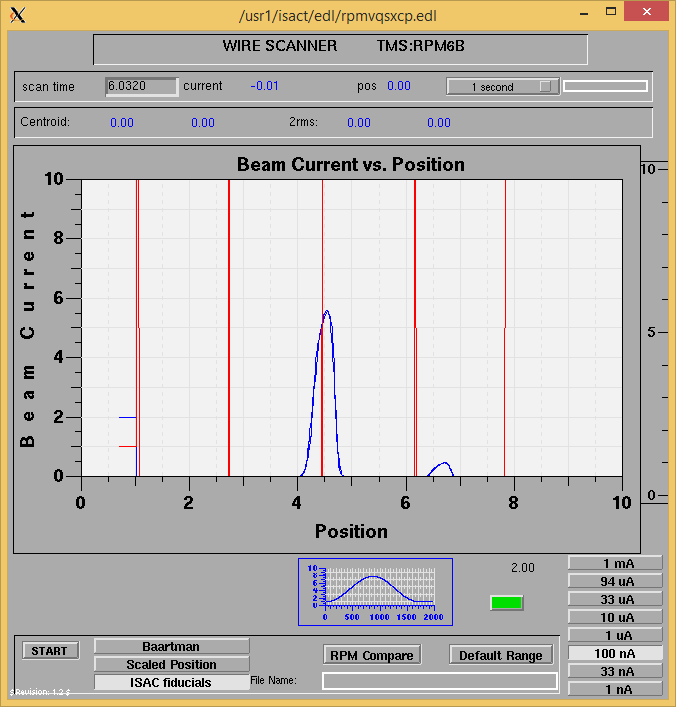


Mass 38

Wire Scanners RPM6A and RPM6B

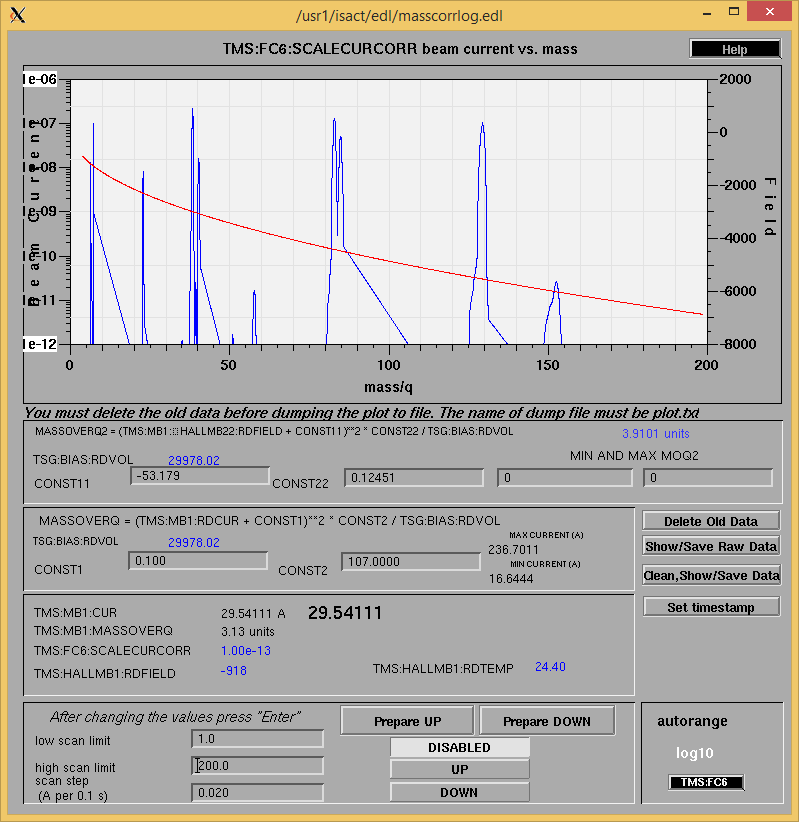
Mass 38





Mass 38

Mass Scan



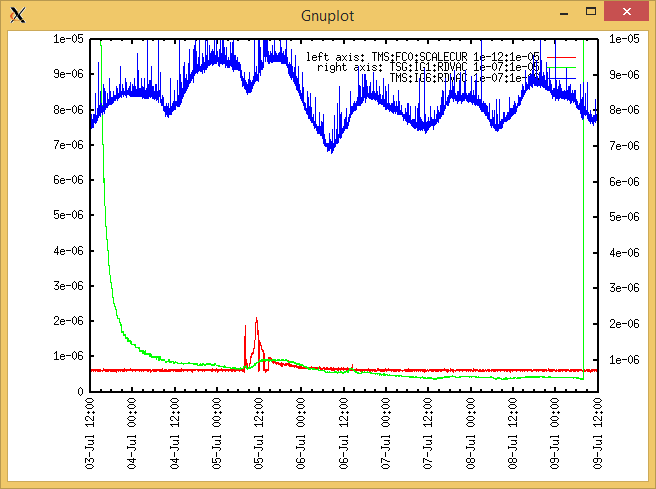
<http://isacwserv.triumf.ca/onlylocal/isactdata/save_restore/masscorr/2018-07-05-14-00%20Ta%2356>

Cooling Parameters

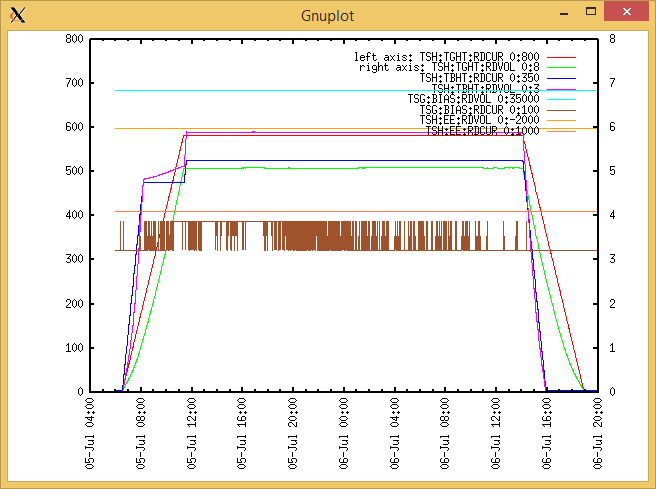


Overview Plots

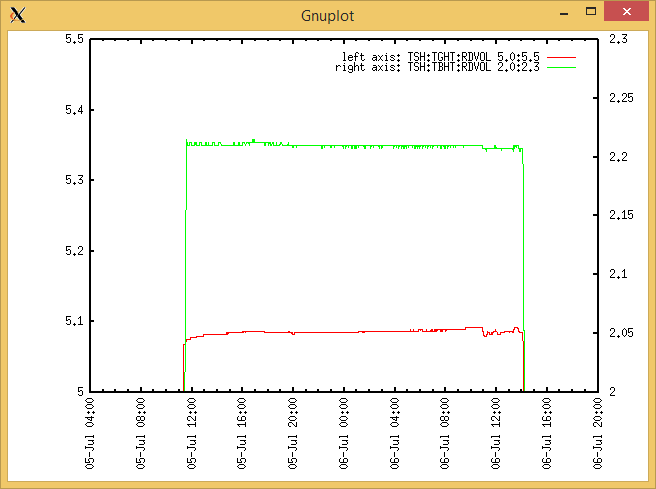
Vacuum and FC0



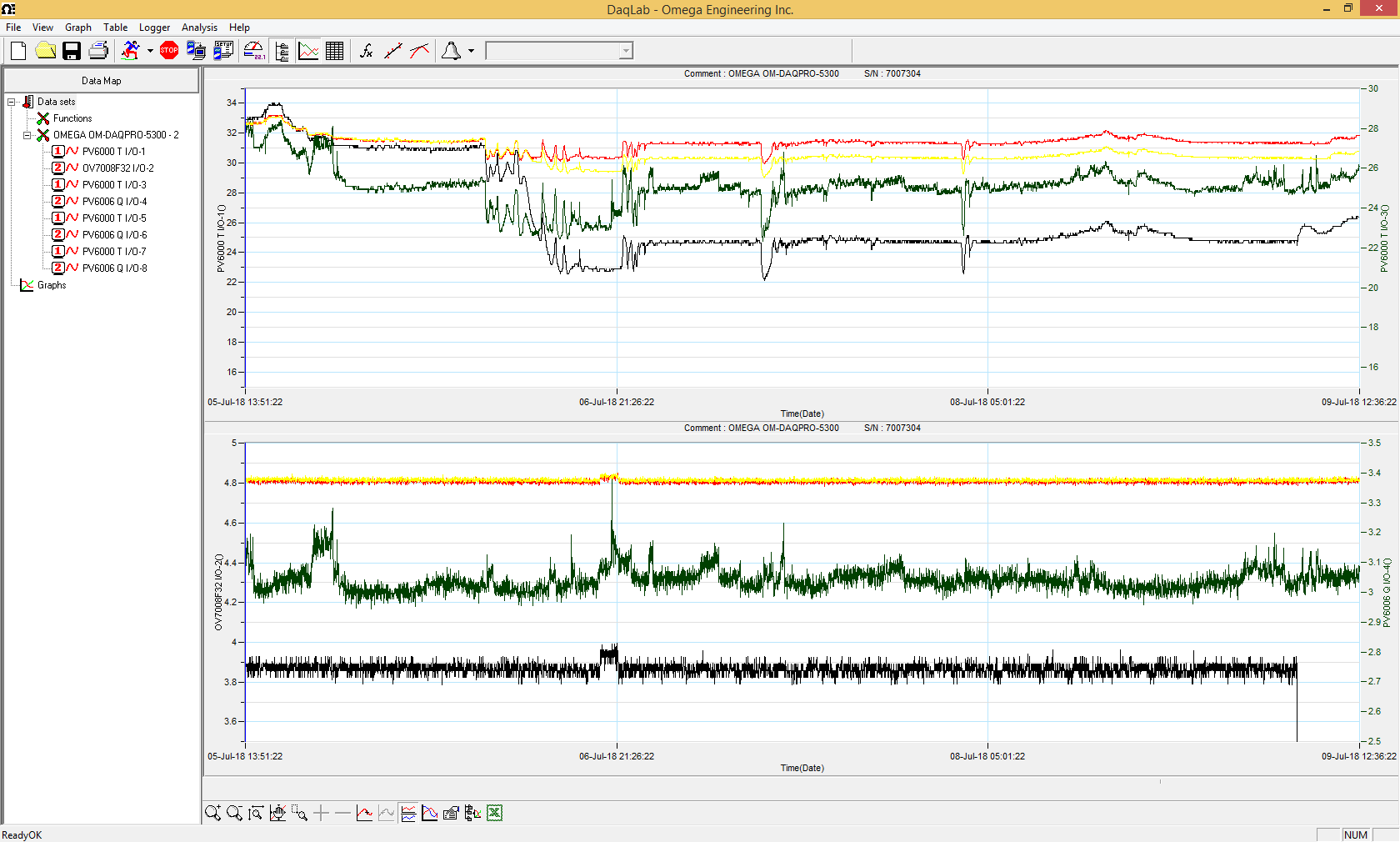
Heating, EE and BIAS



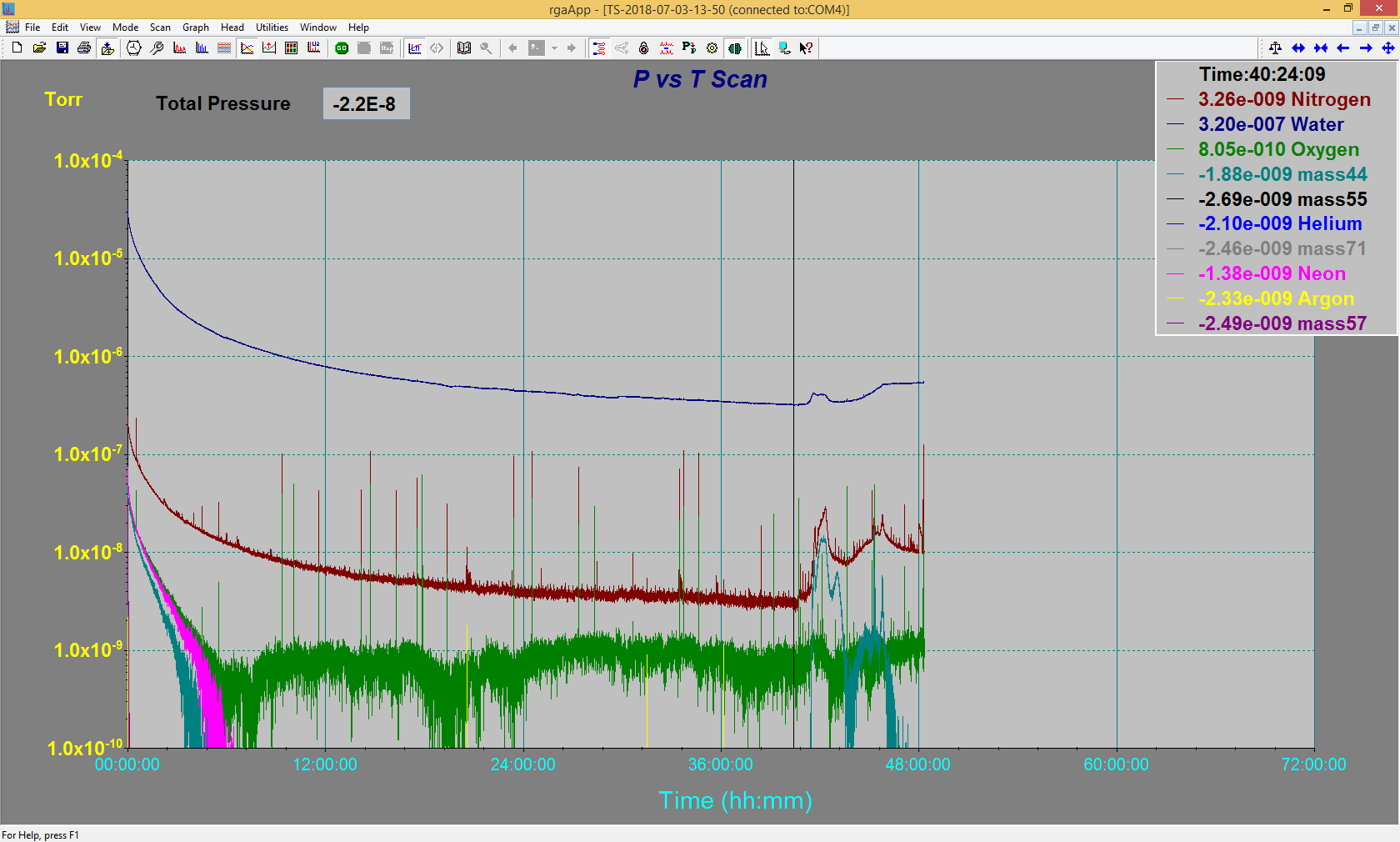
TGHT and TBHT Voltage

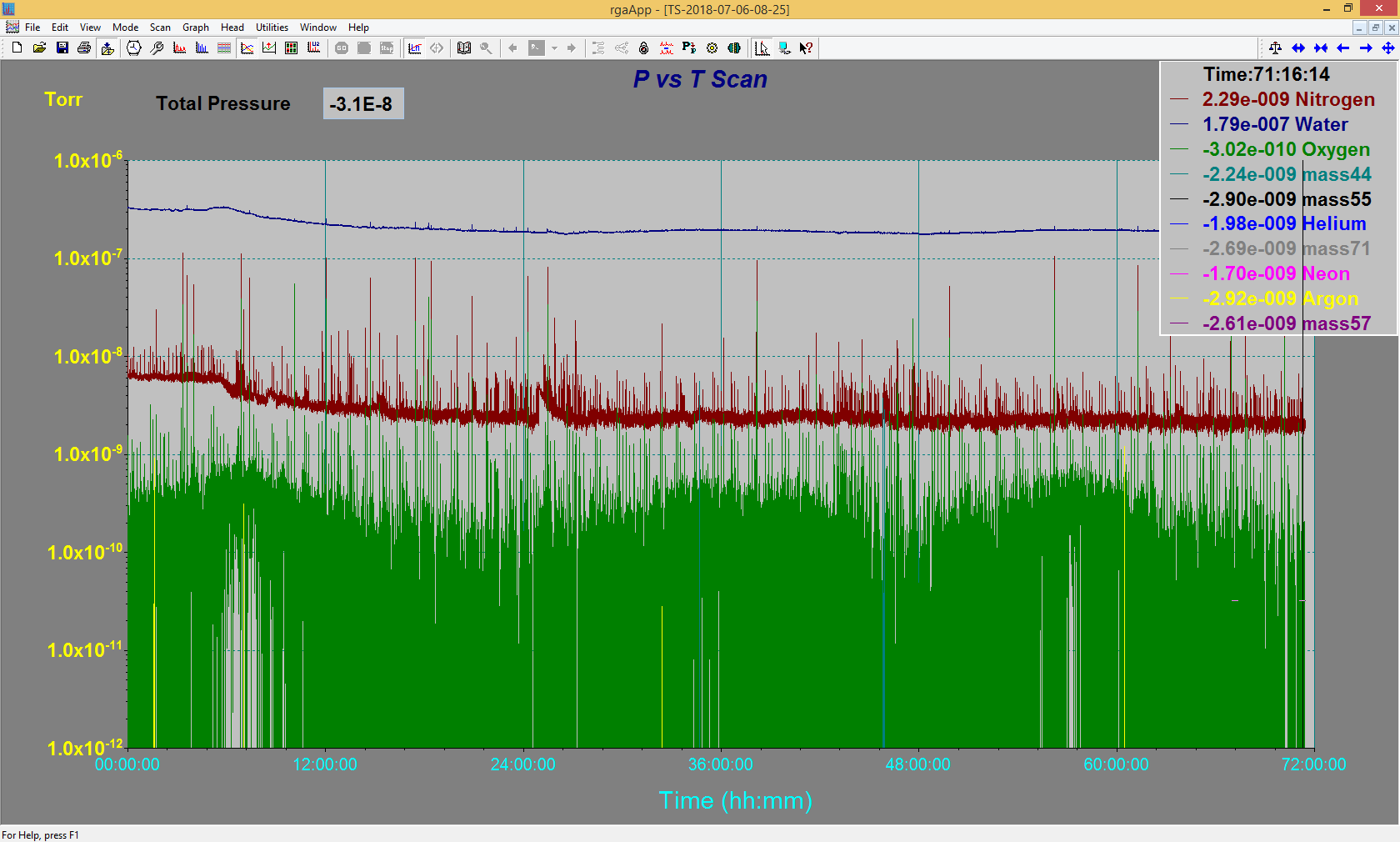


Flow and cooling water temperatures

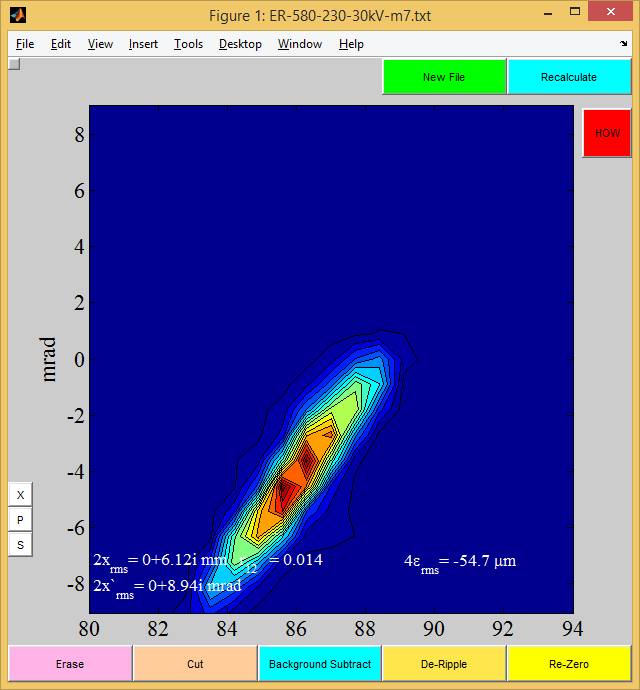


RGA

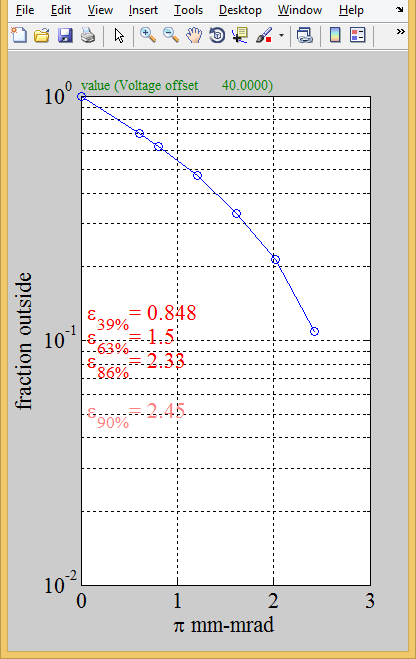




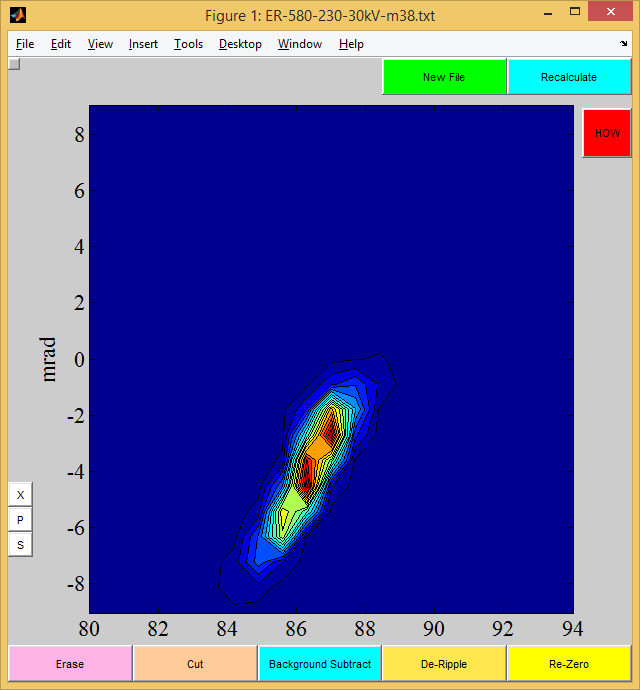
Emittance Scan



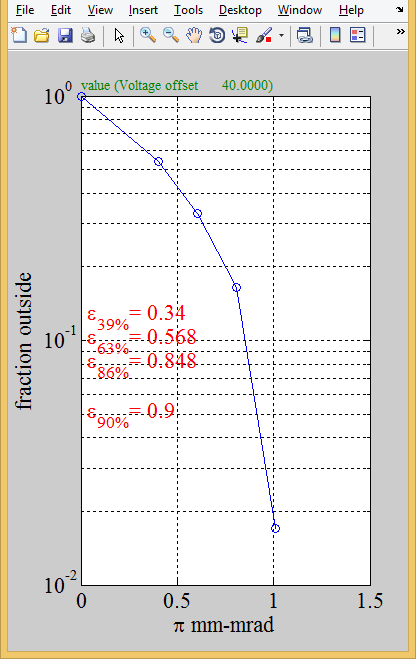
Mass 7



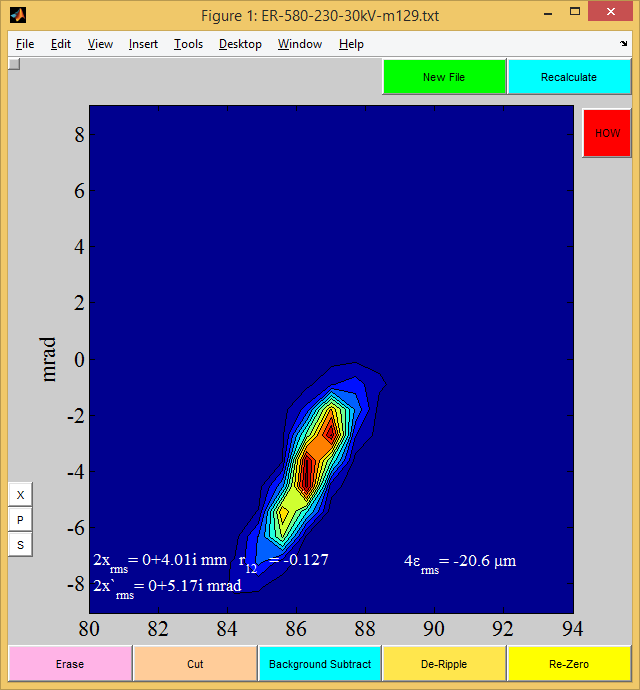
Mass 7



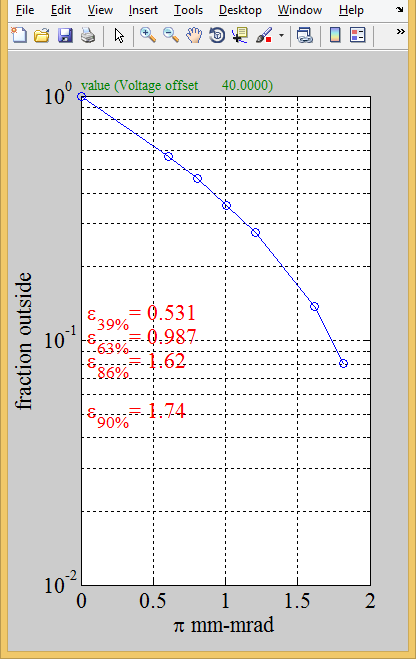
Mass 38



Mass 38



Mass 129



Mass 129