Conditioning Report

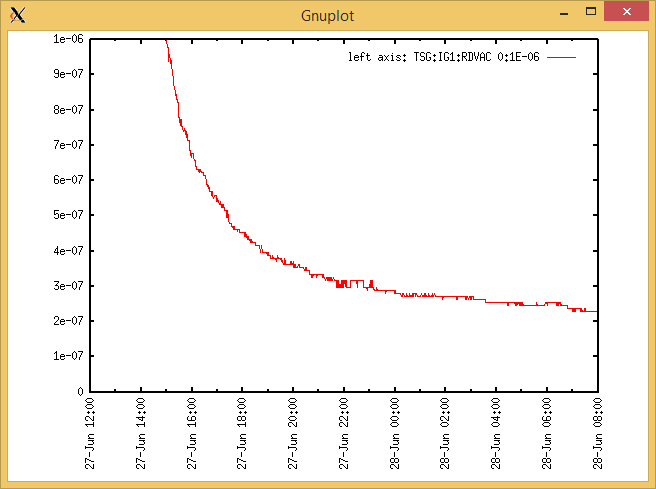
|  |  |  |
| --- | --- | --- |
| Target material and number | | SiC#33 |
| Target WO-SN | |  |
| Operator name | | Aaron Schmidt |
|  | |  |
| Heating start date and time | | 2016-06-28 08:33 |
| BIAS | |  |
| Voltage [kV] | | 30 |
| Current [µA] | | 37 |
| Extraction Electrode (EE) | |  |
| Voltage [kV] | | 1.5 |
| Current [µA] | | 513 |
| TGHT | |  |
| Current [A] | | 582 |
| Voltage [V] | | 5.223 |
| TBHT | |  |
| Current [A] | | 219 |
| Voltage [V] | | 2.186 |
| FEBIAD ANODE | |  |
| Voltage [V] | | - |
| Current [mA] | | - |
| FEBIAD COIL | |  |
| Current [A] | | - |
| Voltage [V] | | - |
| Flow and Temperature HS + MSP | | - |
| Flow [lpm] | | 3.8 |
| Temperature increase [C] | | - |
| FC6 currents [A] | | - |
| SIS | 7Li | 4.06E-09 |
| FEBIAD | 20Ne | - |
| SIS | 23Na | 3.01E-07 |
| SIS | 39K | - |
| SIS | 85Rb | - |
| SIS | 133Cs | - |
| Heating end date and time | | 2016-06-29 11:16 |

Comments

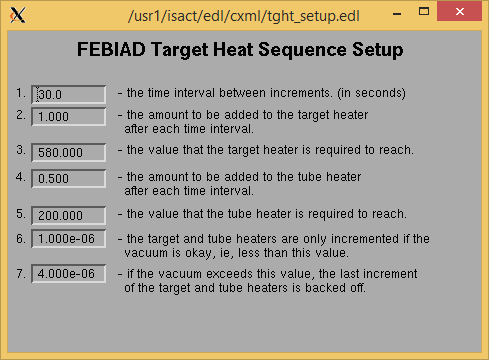
No emittance scan available.

Plots

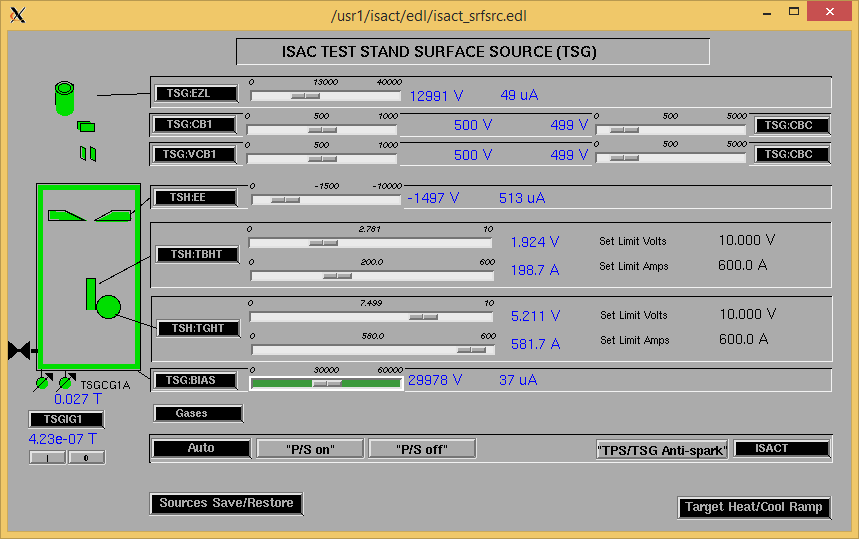
8h Vacuum Pump Down



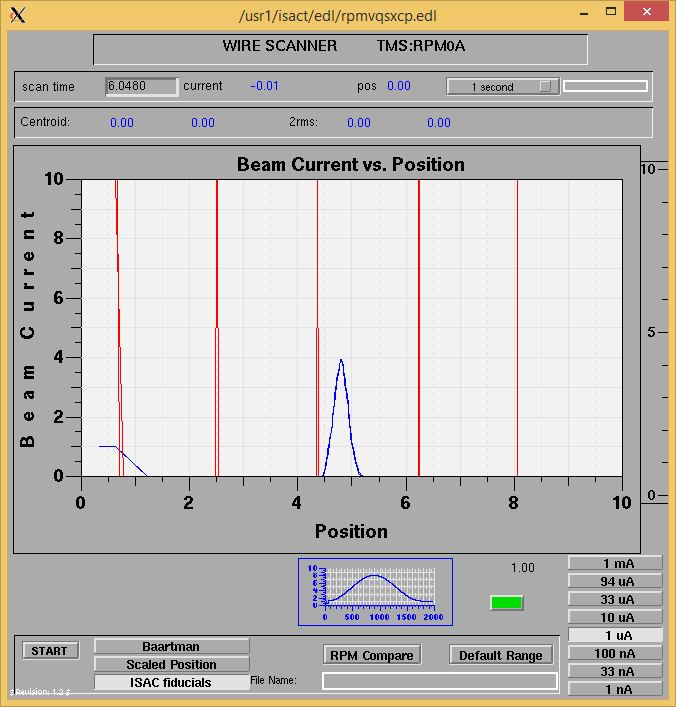
Target Heat Sequence Setup

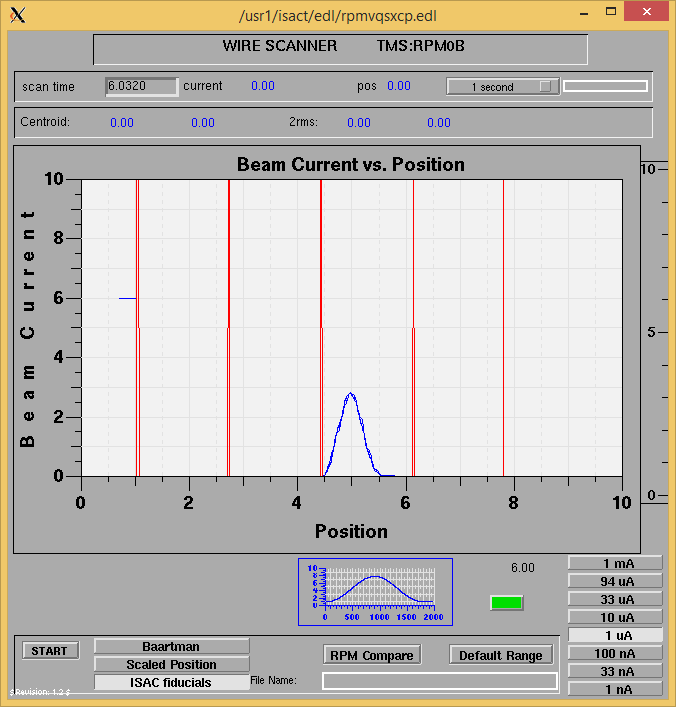


Source Tuning

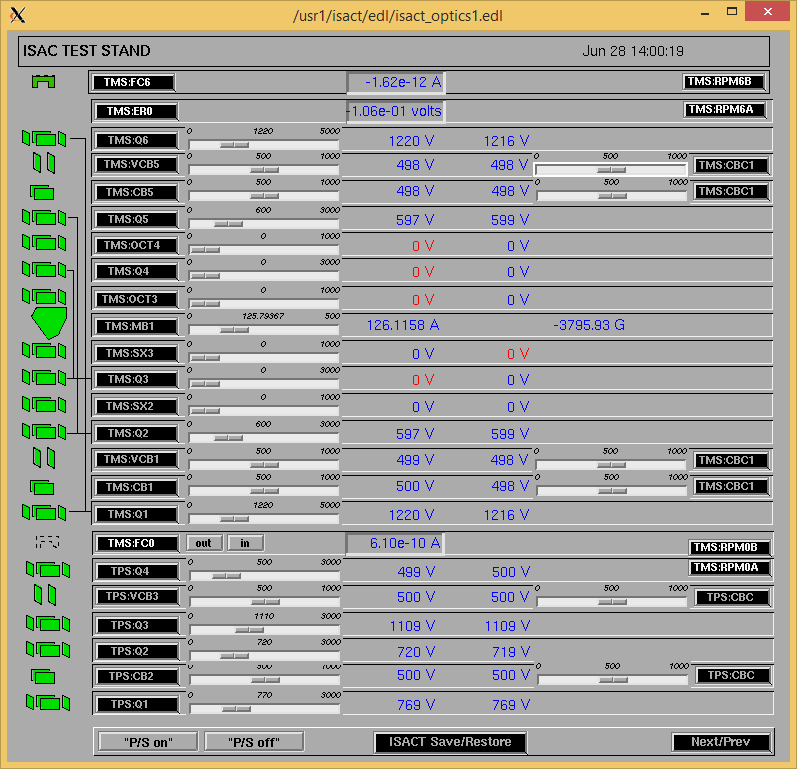


Wire Scanners RPM0A and RPM0B

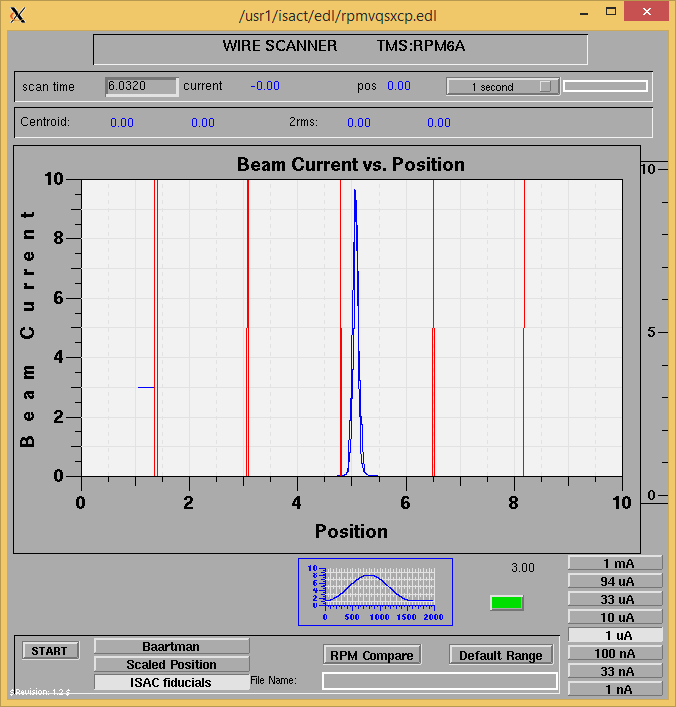




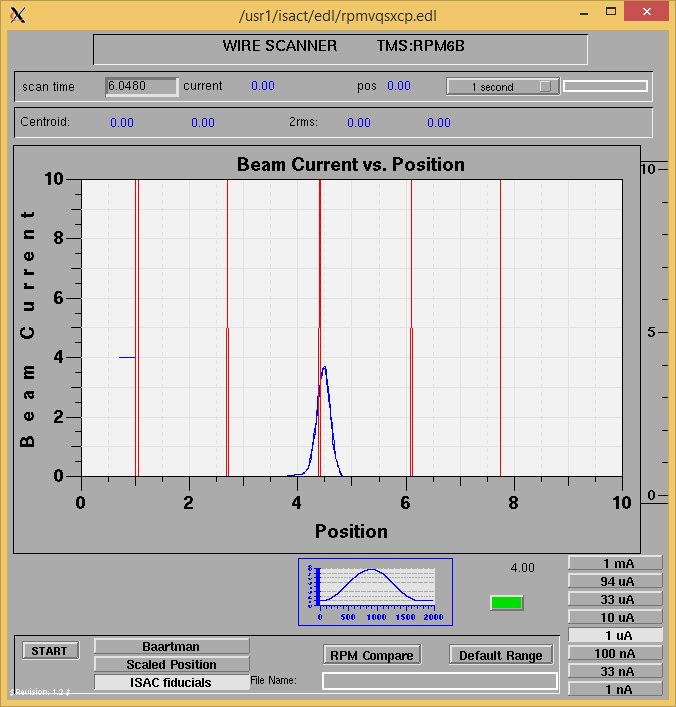
Optics Tuning



Wire Scanners RPM6A and RPM6B

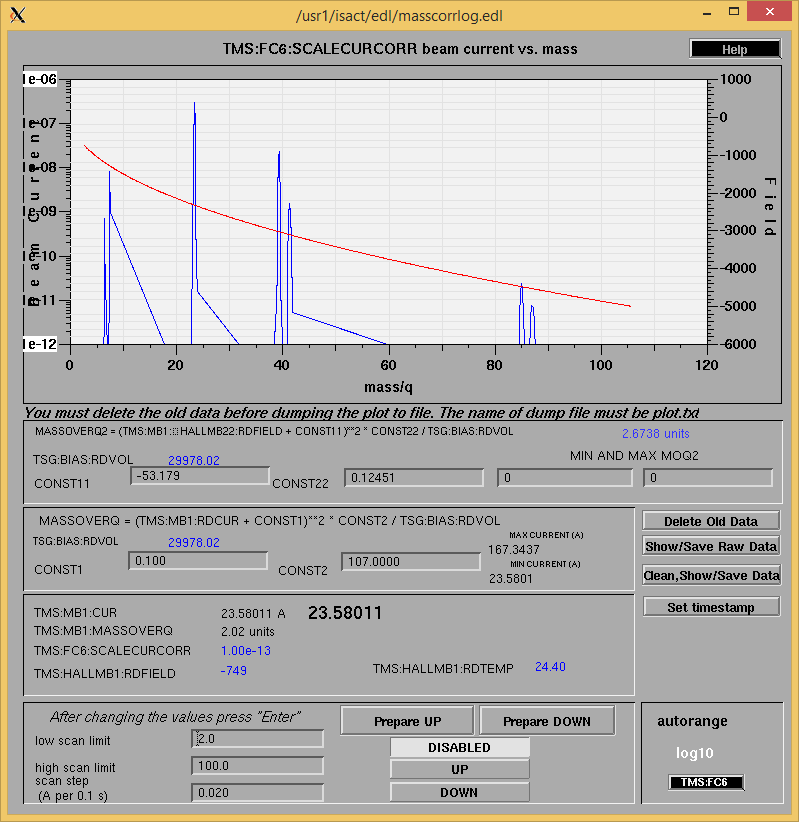


Mass 23



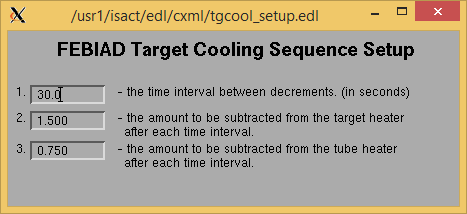
Mass 23

Mass Scan



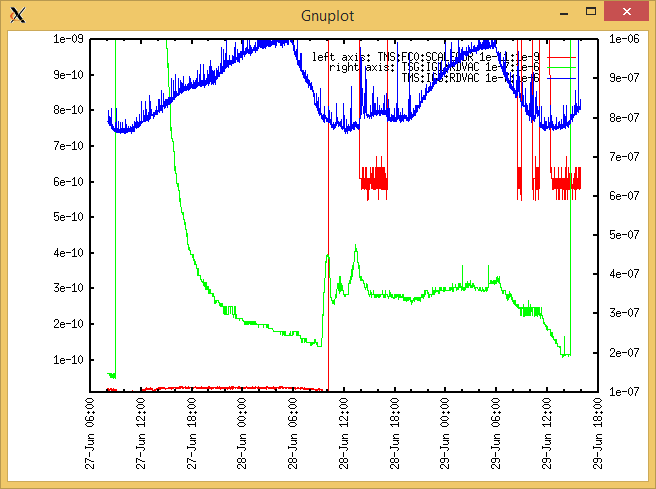
<http://isacwserv.triumf.ca/onlylocal/isactdata/save_restore/masscorr/2016-6-29-08-40%20SiC%2333>

Cooling Parameters

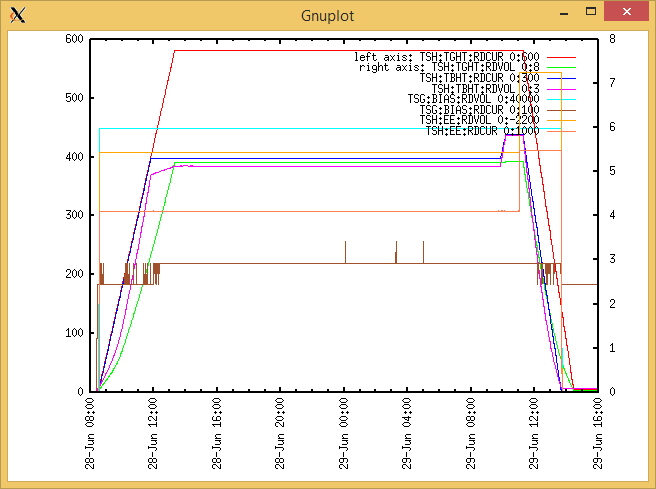


Overview Plots

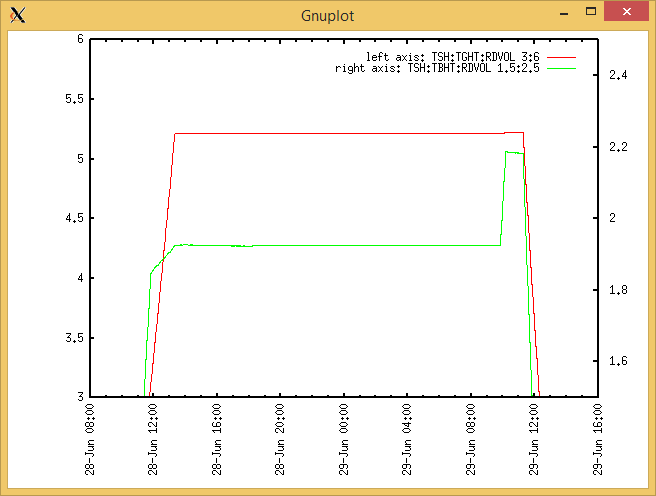
Vacuum and FC0



Heating, EE and BIAS

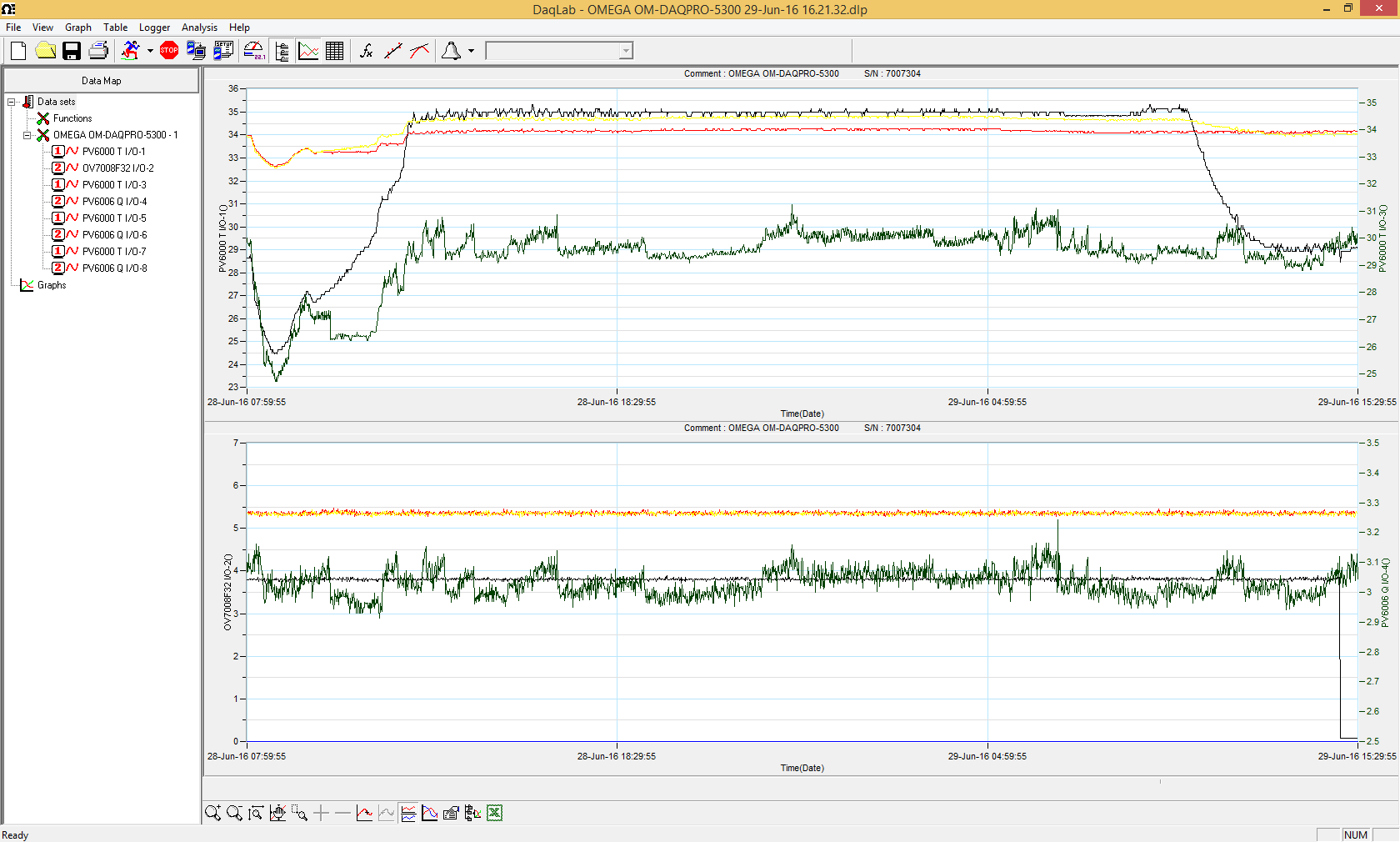


TGHT and TBHT Voltage



Flow and cooling water temperatures

Tuesday, June 28, 2016, 08:00:



Wednesday, June 29, 2016, 15:30:

RGA

Some data may be missing due to RGA connection crashes.

