Current in STEM

|  |  |
| --- | --- |
| Name | TJAS-MD |
| Date | 16-08-2018 |

Condition

|  |  |
| --- | --- |
| Acc. Voltage[kV] | 200 |
| A1[kV] | 5.09 |
| Emission [uA] | 14 |
| A2 [kV] | 7.36 |

Red measurements are from an older data 12-12-2016

Current CLAp 50um

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | CL Aperture 40um | CL Aperture 30um | CL Aperture 20um | CL Aperture 10um |
| Spot 1 [pA] | 798 | 436 | 188 | 47 |
| Spot 2 [pA] | 562 | 313 | 134 | 33.4 |
| Spot 3 [pA] | 428 | 238 | 101 | 25.5 |
| Spot 4 [pA] | 318 | 171 | 74 | 19 |
| Spot 5 [pA] | 143 | 76 | 33 | 8.5 |
| Spot 6 [pA] | 77 | 41 | 18 | 4.4 |
| Spot 7 [pA] | 37 | 20 | 8.7 | 2.2 |
| Spot 8 [pA] | 24 | 13 | 5.7 | 1.4 |
| Spot 9 [pA] | 11.3 | 6.1 | 2.68 | .6 |
| Spot 10 [pA] | 7.4 | 3.98 | 1.7 | 0.4 |