Current in STEM

|  |  |
| --- | --- |
| Name | CSA, EL, HS |
| Date | 21st Oct 2016 |

Condition

|  |  |
| --- | --- |
| Acc. Voltage[kV] | 300 kV |
| A1[kV] | 3.48 |
| Emission [uA] | 15.1 |
| A2 [kV] | 5.00 |

Current CLAp 50um

|  |  |  |  |
| --- | --- | --- | --- |
|  | CL Aperture 40um | CL Aperture 30um | CL Aperture 20um |
| Spot 1 [pA] | 1360 | 883 | 345 |
| Spot 2 [pA] | 1080 | 671 | 262 |
| Spot 3 [pA] | 755 | 458 | 179 |
| Spot 4 [pA] | 549 | 329 | 132 |
| Spot 5 [pA] | 212 | 126 | 49 |
| Spot 6 [pA] | 125 | 73.9 | 29 |
| Spot 7 [pA] | 64.8 | 38.4 | 15 |
| Spot 8 [pA] | 41.4 | 25.4 | 9.7 |
| Spot 9 [pA] | 19.5 | 12.0 | 4.8 |
| Spot 10 [pA] | 8.2 | 5.1 | 1.9 |