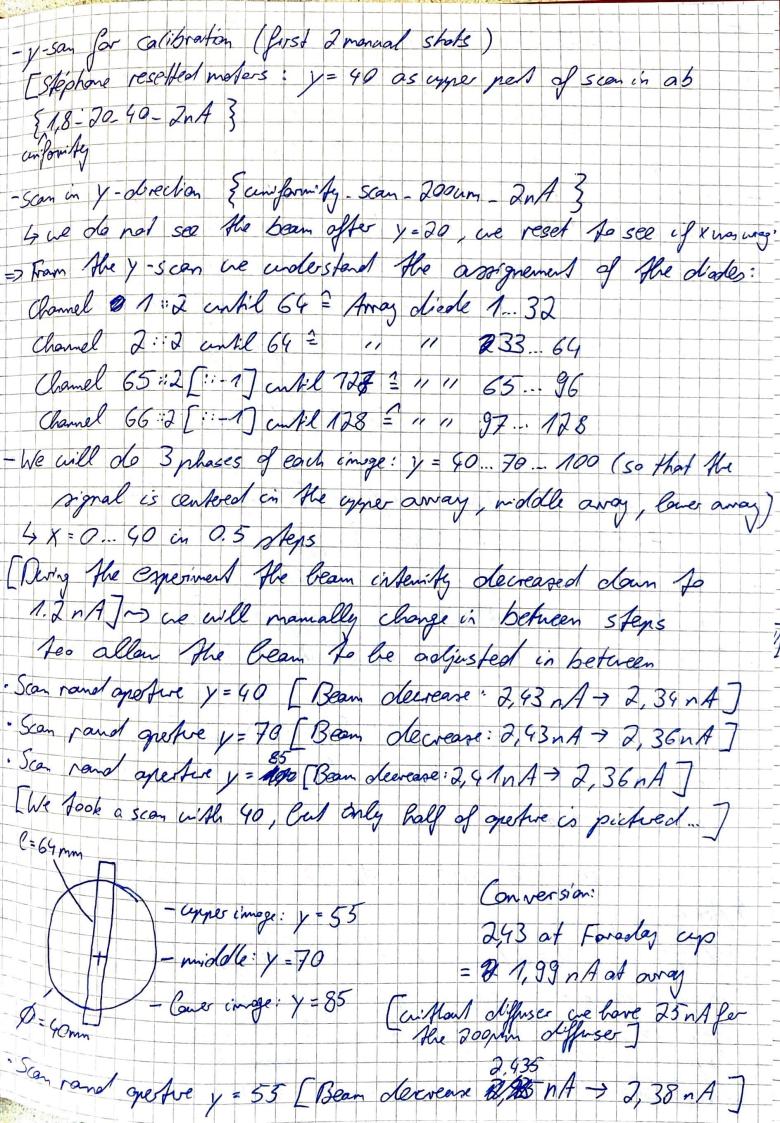
Moasurements Cyrcé-New Arrays 23.09.2 Start By adjusting position of arroy [20/70] as middle of rand grefite - Hest-snaphot c/k [2V set for Gegring]
- Hest-snaphot c/k [2V set for Gegring]
- This time: Bigger diffuser 400mm (Cost fine 40mm) > Ceam shall be for - 1st voltage san: - Lots of O's at 2V & old- Plant calib 3 1st: 1+2V, 0, 1V step

2nd voltage san: MO 2V/0.1V steps (voltage scan no beam)

32V seems a bit frigh (foo many 0 values), 1, 9 V botter to
4 call with JYO app 3rd vollege scan 2nA: 0.0-2.0 V/0.1 Vskeps Evollage-scan-beam-2nA} 4) middle of amay should be itradiated, but we don't see different The reduce the Kickness of the diffuse to 200 pm, otherwise =) We observe strange pattern signal - no signal in AMS_view 4) probably channel assignement strange (1 channel signal, 1 channel ris => cre choose 1,8 V as set vollege (2V for ligh, 1,7 and 1,9) also for high) Position soan X = 0.. 40 mm 10.5 mm step Escan round grefere - 200 um - 2nA 3 4 Cooks good we at first observe maller Gorder regions (= middle of Caroled away 21, then more and more signal) - The results of the voltage scan for 1,8 V can be father
as clark calib file, are may false some clark calibs
over the day over the day



[without diffuser current is 1:1 on away] · What define - full beam y = 55 (Ceam: 2nA > 191nA) 1) y = 70 (Cream 2nA -> 1,95 nA) 11 y = 85 (Cean: 2nA + 1, 97 nA) We change the rand operant for the 1PHC - Cogo not 4) sea with diffuses 200 years (now converse for down is on again) measurements ally = 55. 85 in 10 mm steps - His tree I meaning over Cenel - Geam veems to Ge reasonably stable for this (Cean: 2,49nA > 2,33nA) { Cago - 3 Caffer Cernel Crahe ~ 1:30h with beam on, gut by amount of actuation - Gogo shape actually burned - changed colour to brown on Gackrole - misc - shape with 200 mm diffuser & Beam 2, 43 n/4 > 2, 43 n/4) 4) 53 / BO / 85 E Misc Shape 3 "

Brogg shape (1st chage scan: O-40mm, 70 at)

- Geam: 2,43 nA > 2,41 nA) { Brogg Feak 3

- Brogg shape y-scan > x confered at 20, y-scrifted from 40 > 101

cm 0.5 steps · Norm Scan -> Same geometry, vanel operture (Coam: 299nA-) [1] => We change the array (16:30 h), non 03 x 0,5 md - Vallage Scan O-21/0,1V steps: Etway 3- Vallage San de [Comment Observation: For away 3 1 diade is not marking at Les tollege, but seems to mark at another vollege!

Listecheck this from the vollege scan, maybe Birt

Mage Scan Cream (Cream;) voltage Scan Cream (Cram: 2,49nA -> 2,95nA)

· y-scan diffused beam (Ceam: 2, 45 nd -> Something's add at the first afferent - signal lover than weriously
seen in voltage scan] to voltage seem to Beep one value if changed, we set the best seen signal amplifuell and Clave V cuchanged - not noting to re change between tests after seeing amplitude of 100p A (200 pA = dark / 300 pA = signal) Cut when we sled measurement are observe GapA = dark, 80pA = signal => after some fests it seems to work now with the ligher signal amplifude at 1,81 - we finally seefern the y-normalization scan · Cean without diffuser scen { Away3. Beam Schape. } (Cean: AZ, and 71, Ind) [We discover moblem dring change to logo: In Stéphones program a manually set vellege is set as an int, which lead as to Hink Hall something was wrong when we set the vallage through the program to 18V - Scan of Coge & Array 3 - Cogo - 3 (Ceam: 2, 95 nA -) 2, 92 nA)

End of measurement clay * Freything (except for voltage scan) measured for Array 3 contil this port was set to distr. 1,0V intead of 1,8V. The set voltage charce of 1,8V was not accurate, because are manually funed through the voltage. There might be a better voltage, which can be seen in the hallage scan, where Vias sel accurate. For the 1st away Venas de Sel 10 1,8 V8