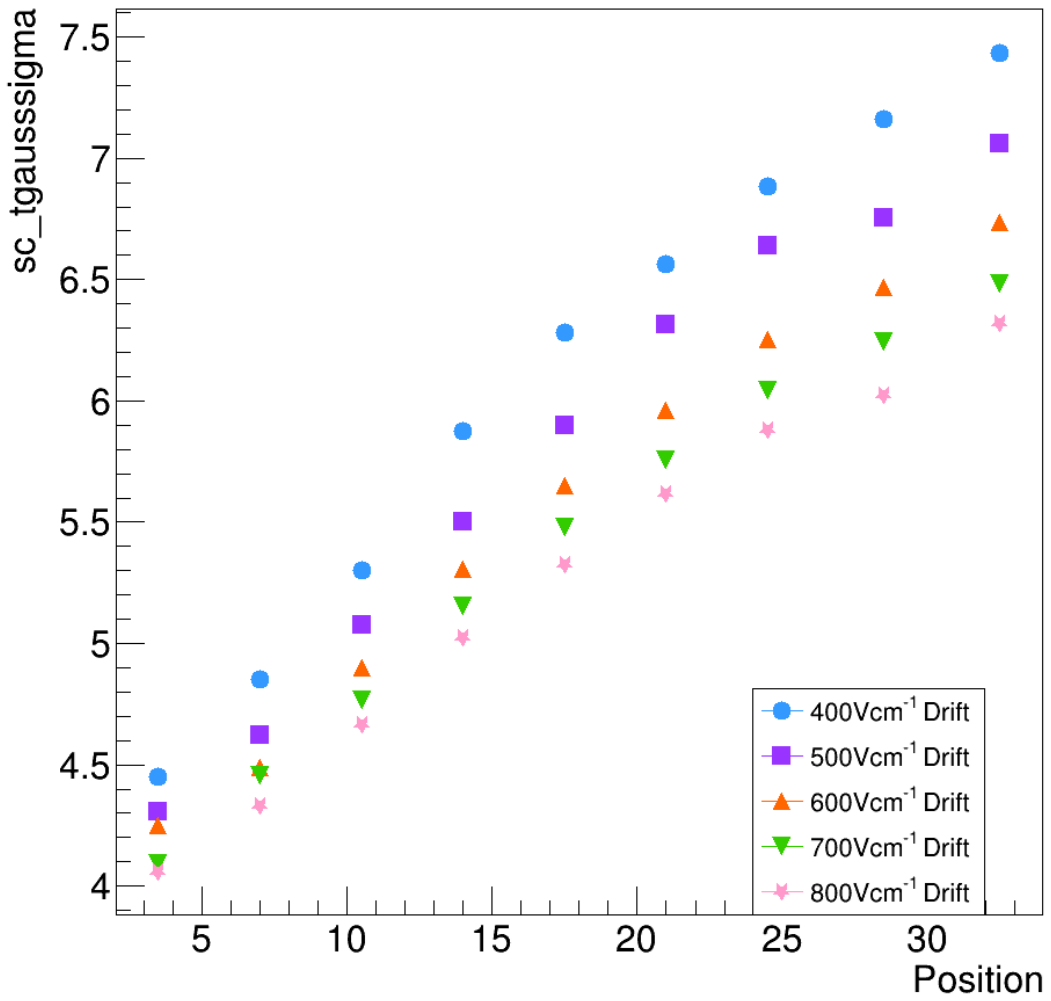
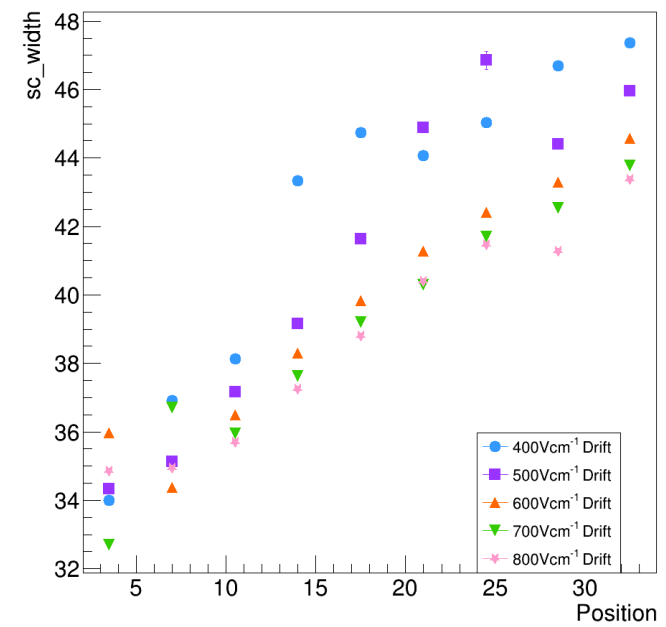
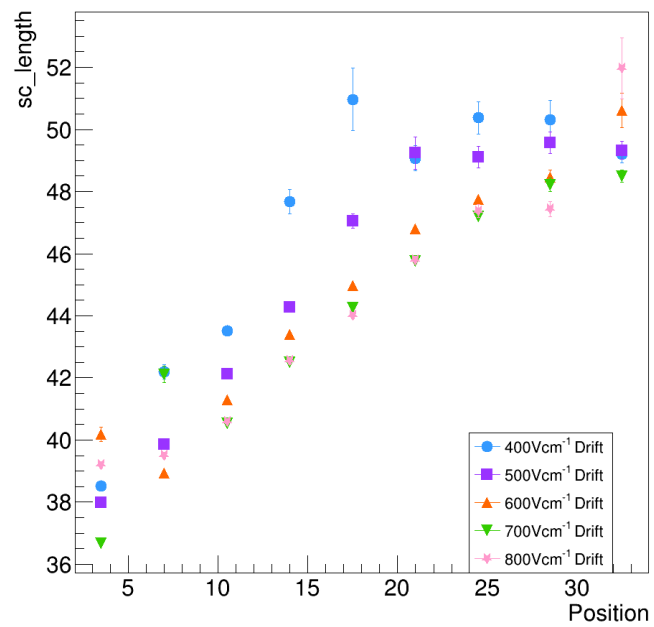


Drift field scan

VGEM 440 – Drift Scan

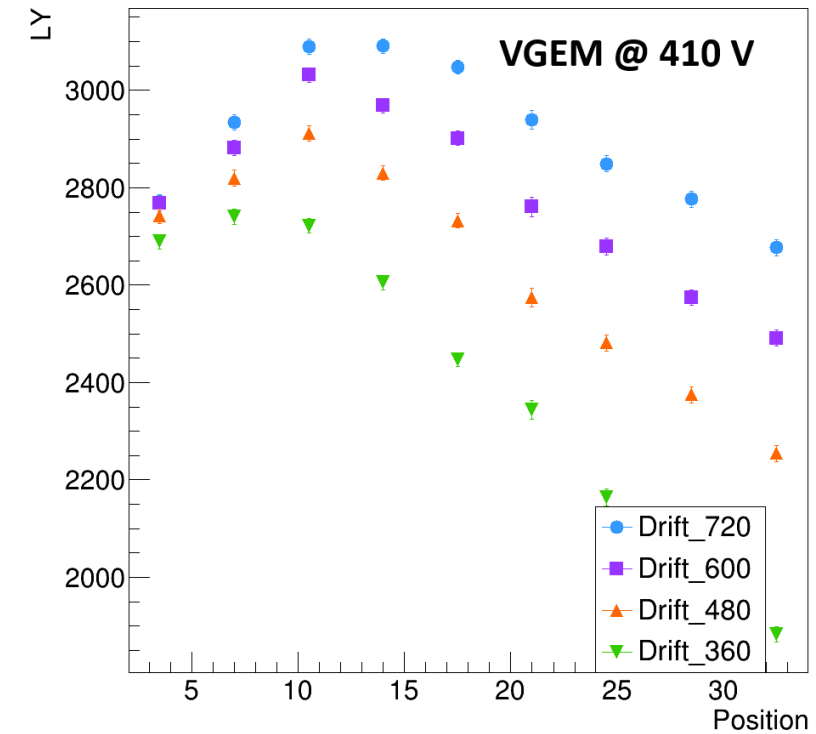
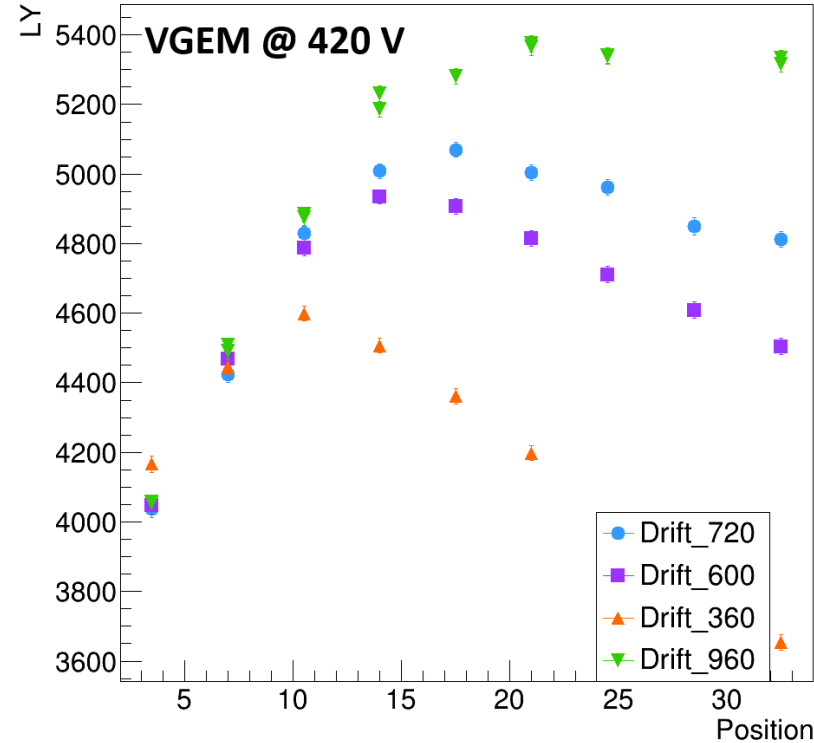
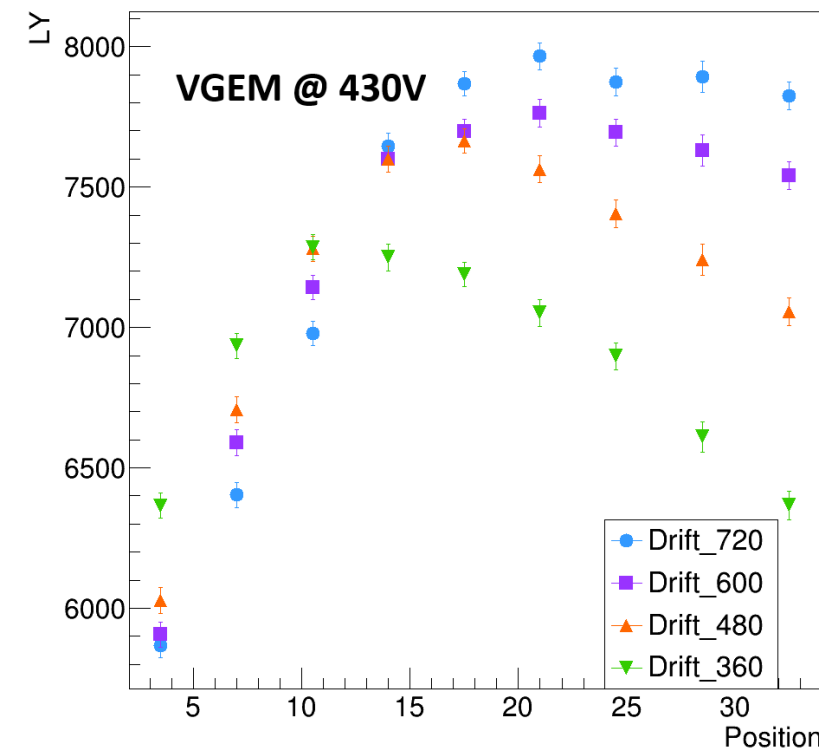


- The saturation reduction is strictly correlated with the increase of diffusion!
- Small change of spot size (17%) across 400V/cm variation of drift



Drift Field Scan

430-420-410



- @ 440V all the drift field reach the same light plateau
- Lower amplifications do not reach the same plateau, where is the charge?
 - Saturation mimic a lower recombination+attachement