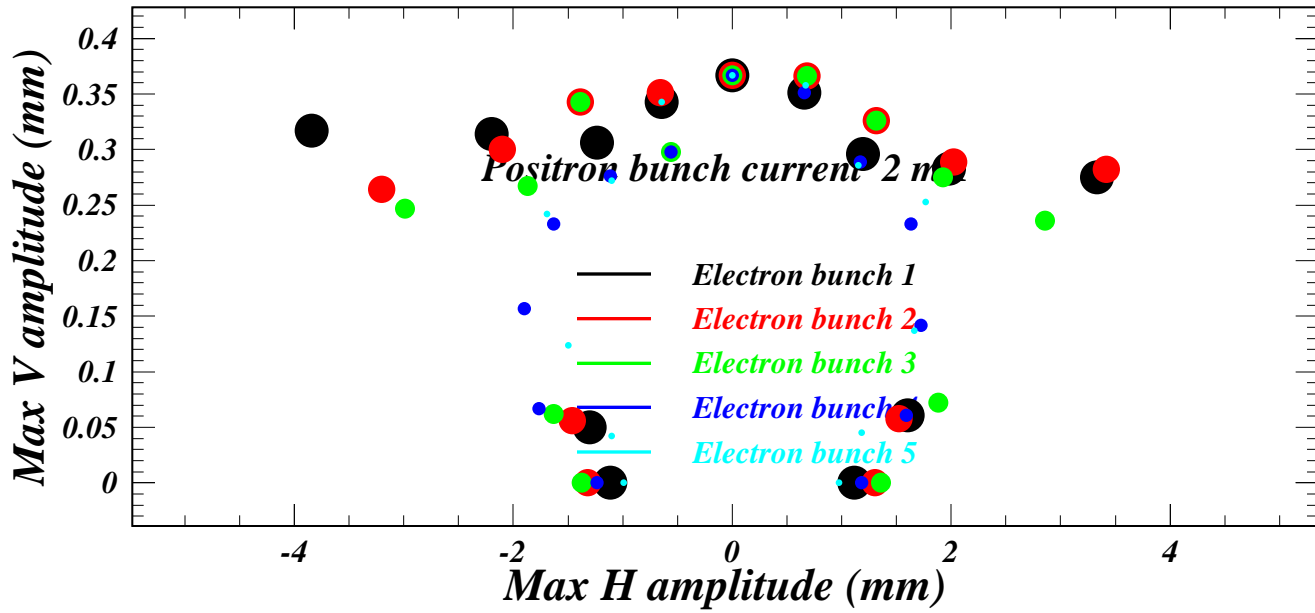
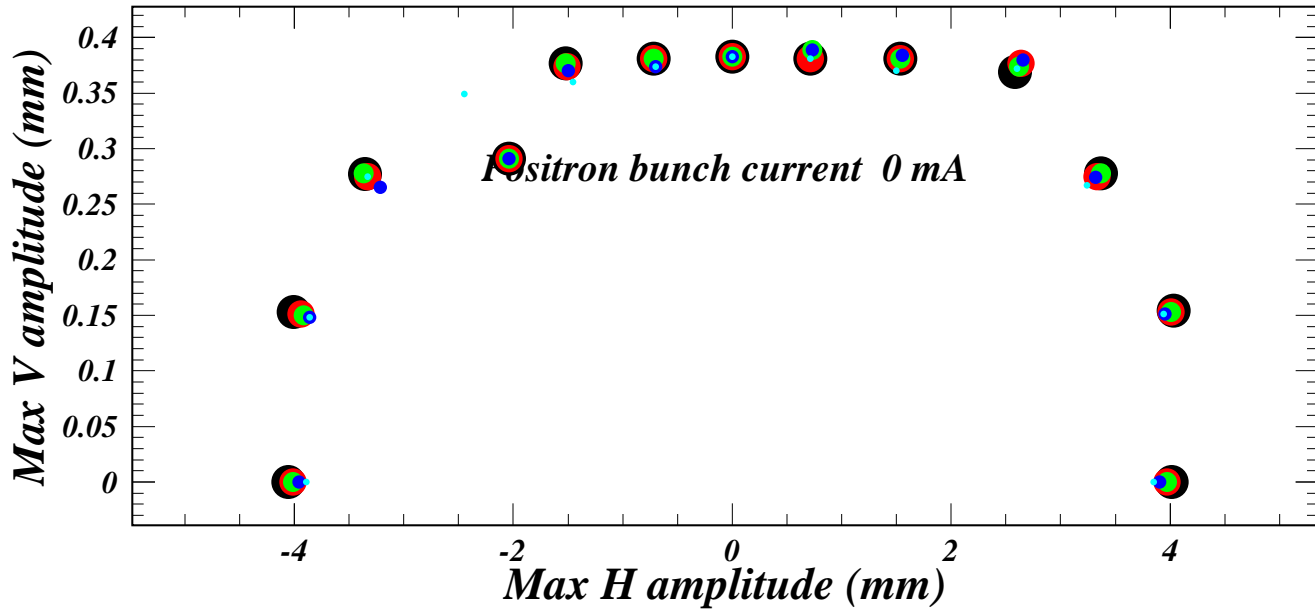
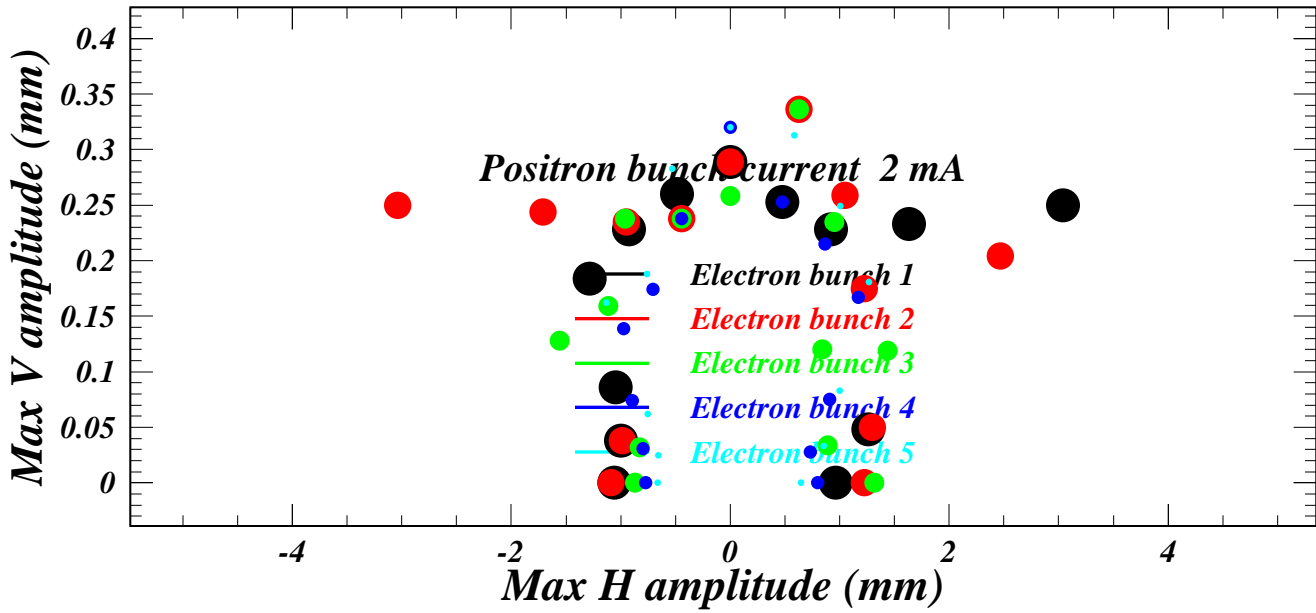
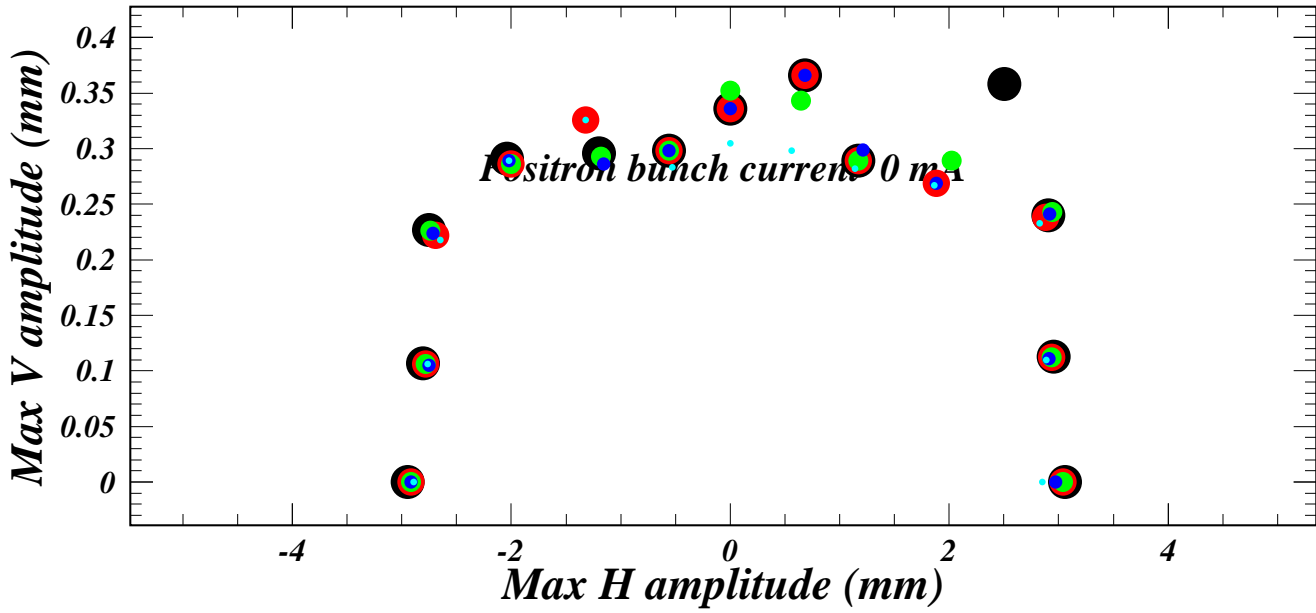


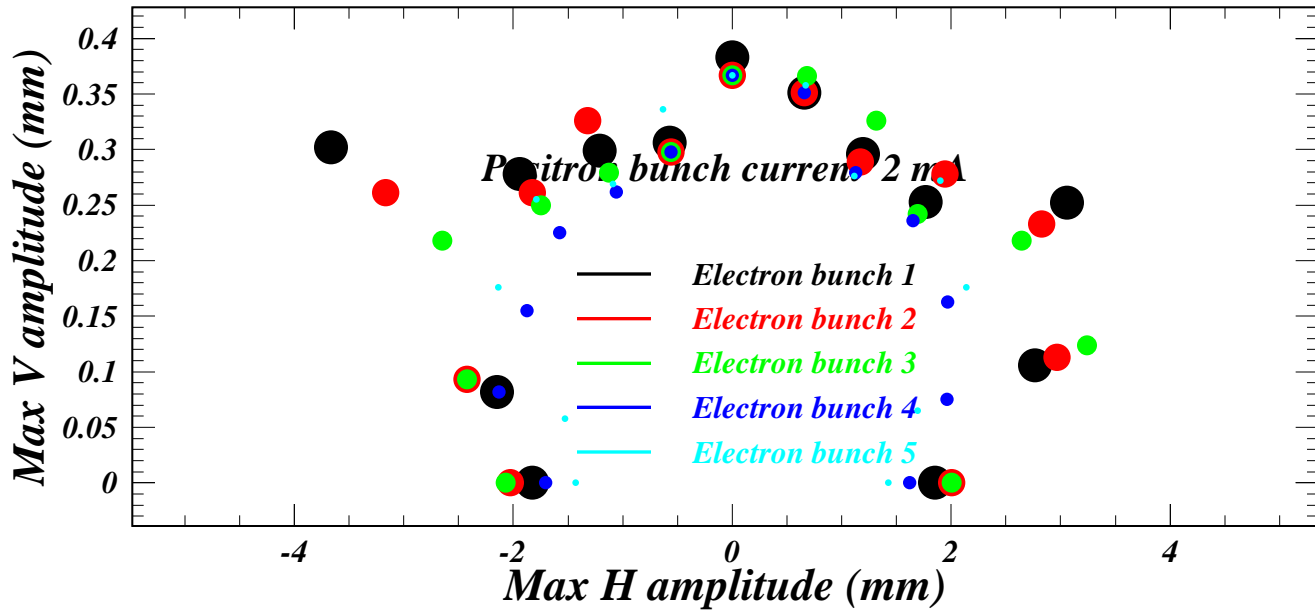
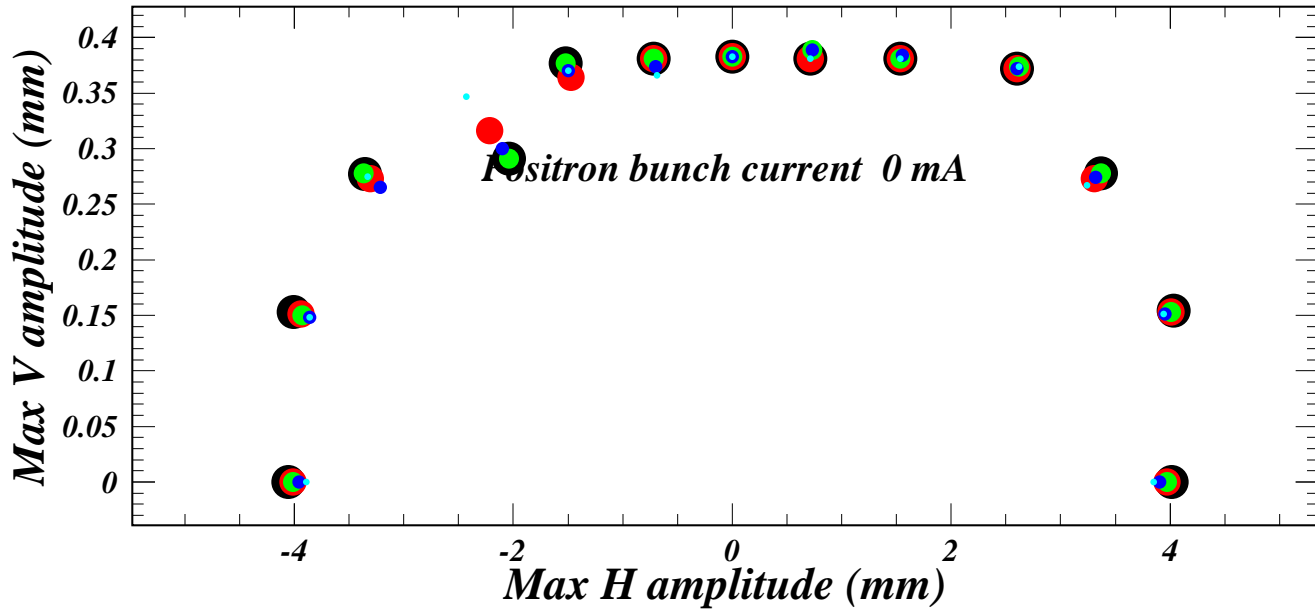
Dynamic Aperture Calculations for Job 1630: Train 1 Energy offset -2E-05



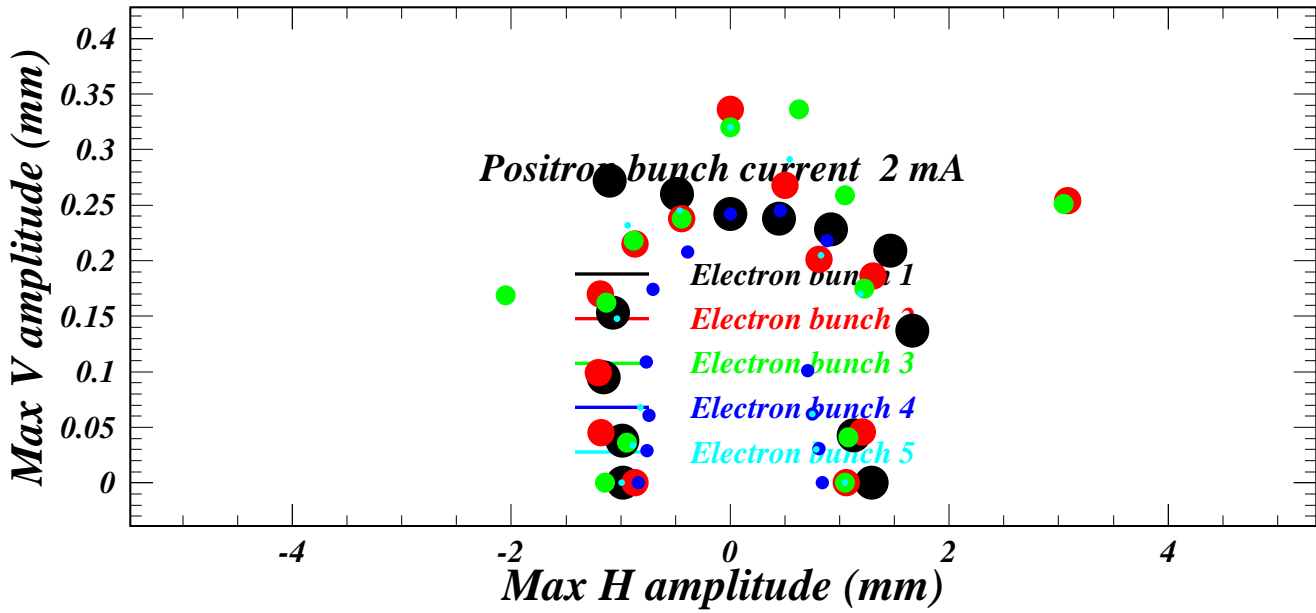
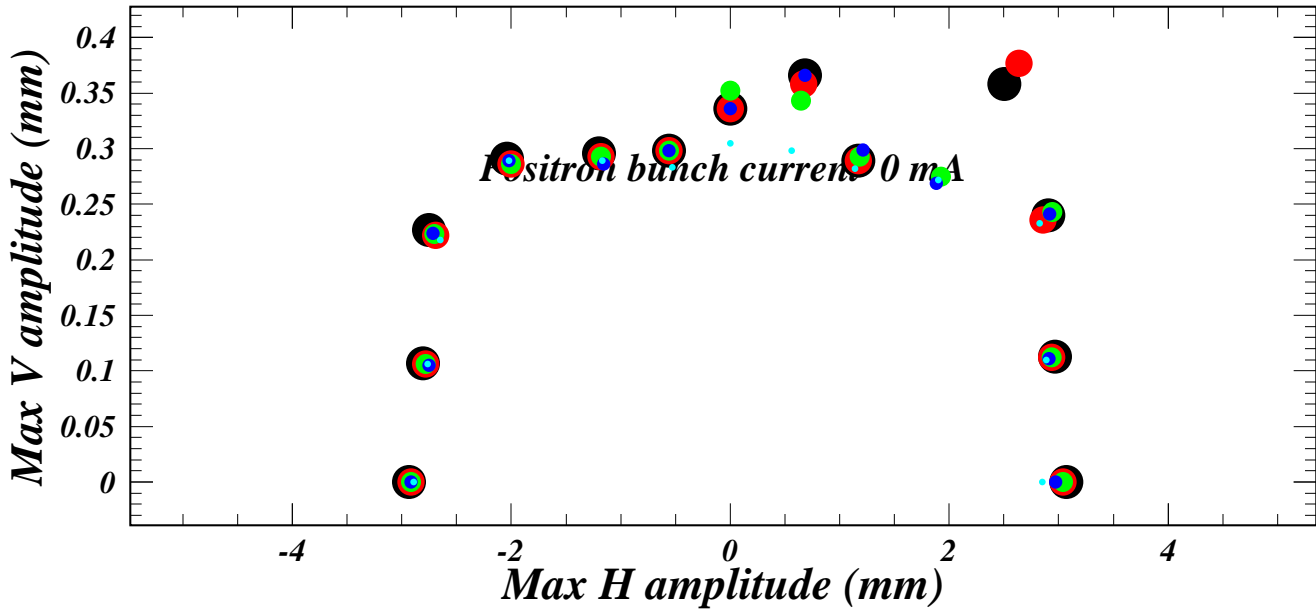
Dynamic Aperture Calculations for Job 1630: Train 1 Energy offset 0.00305



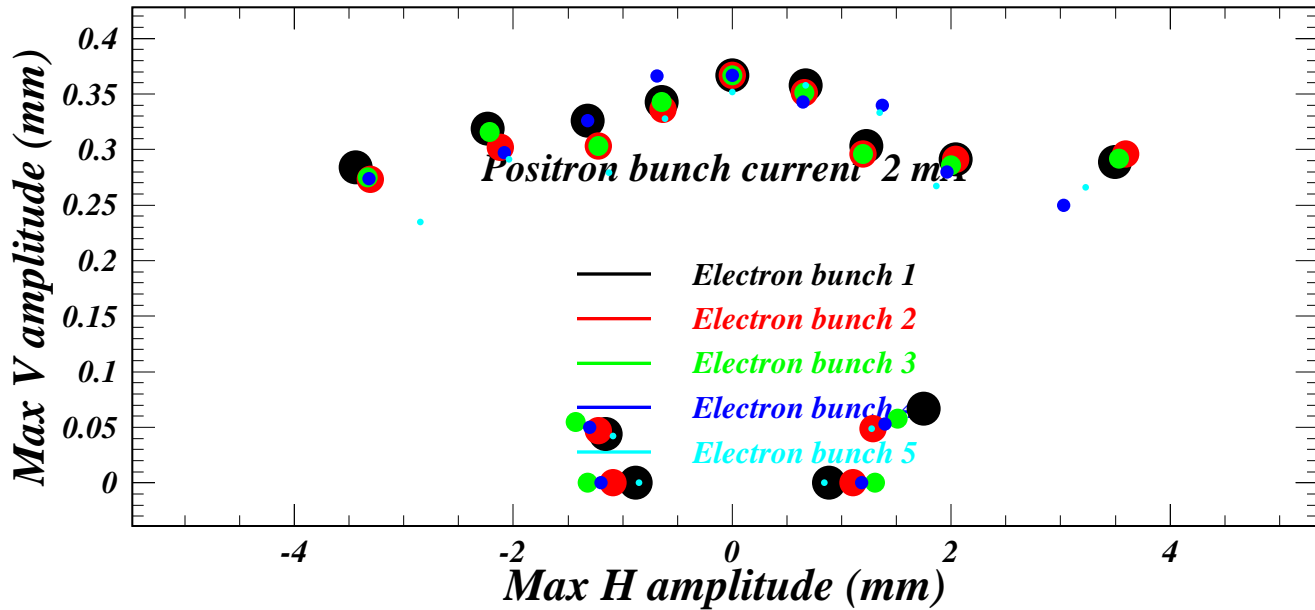
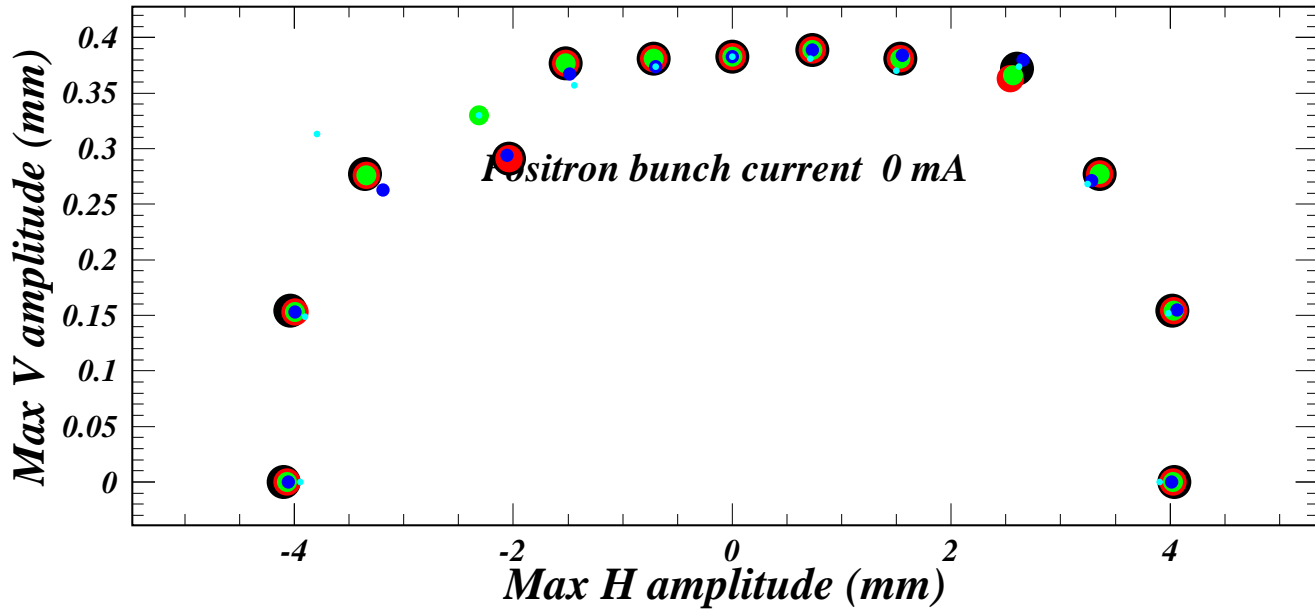
*Dynamic Aperture Calculations for Job 1630: Train 2 Energy offset -2E-05*



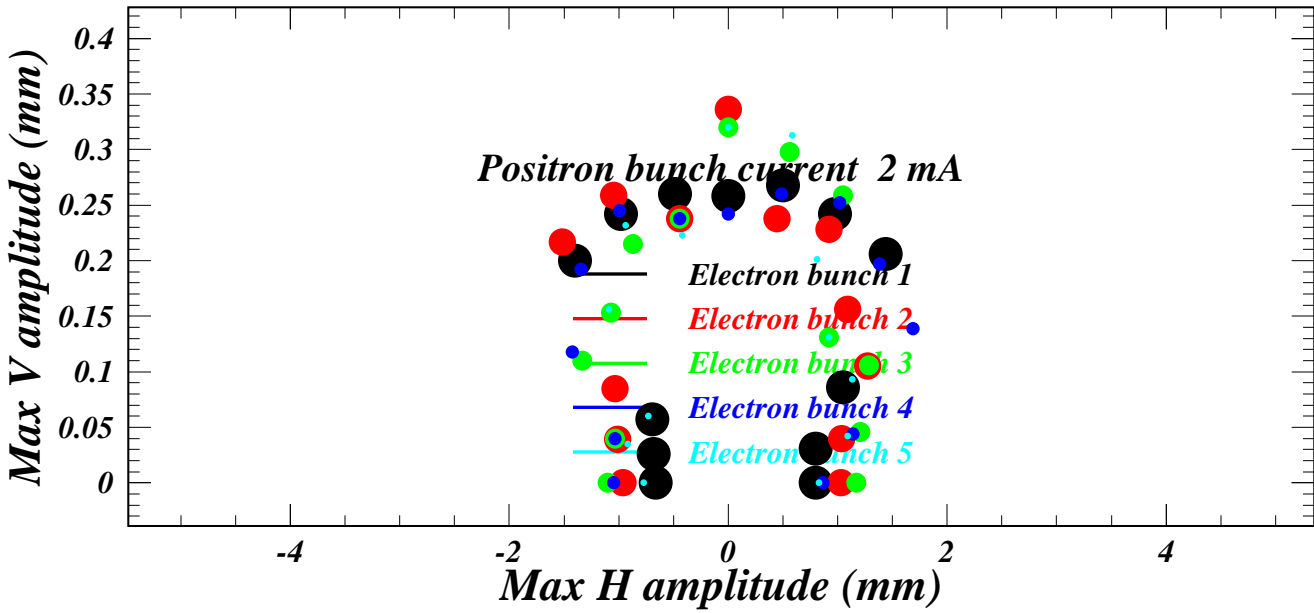
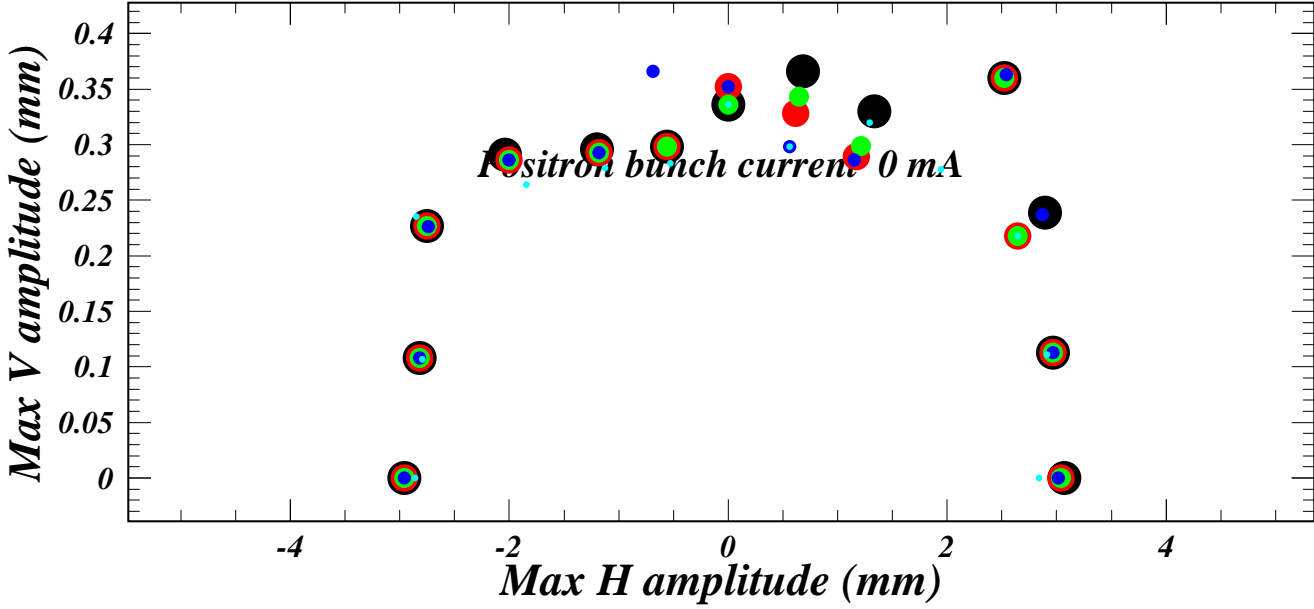
*Dynamic Aperture Calculations for Job 1630: Train 2 Energy offset 0.00305*



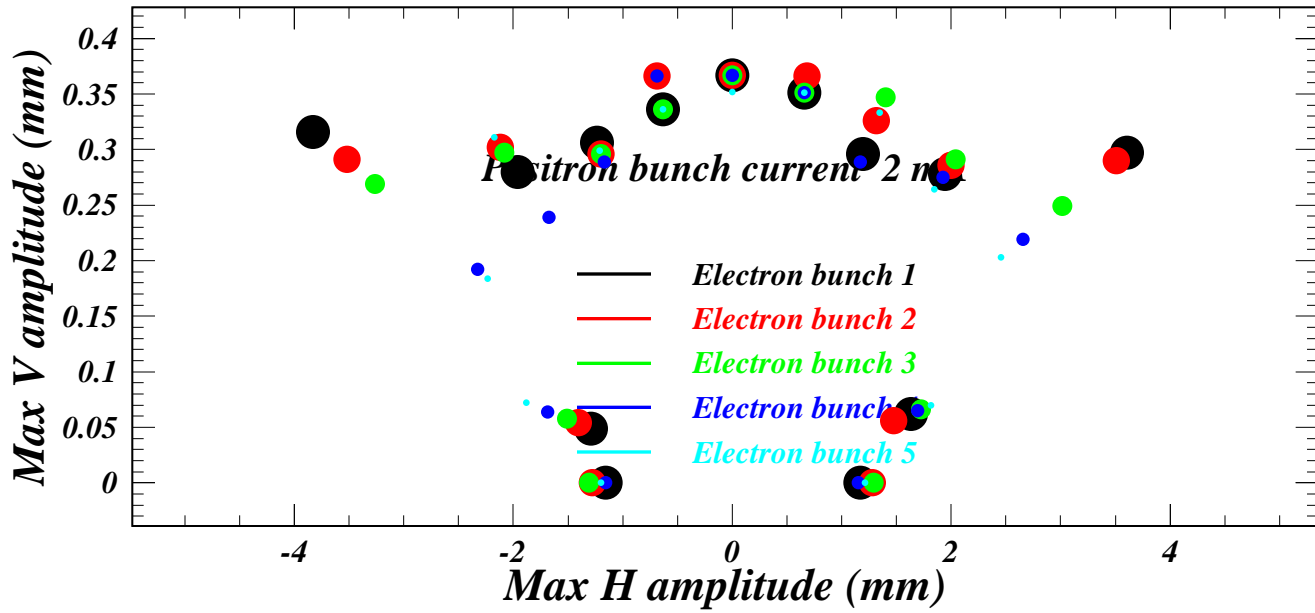
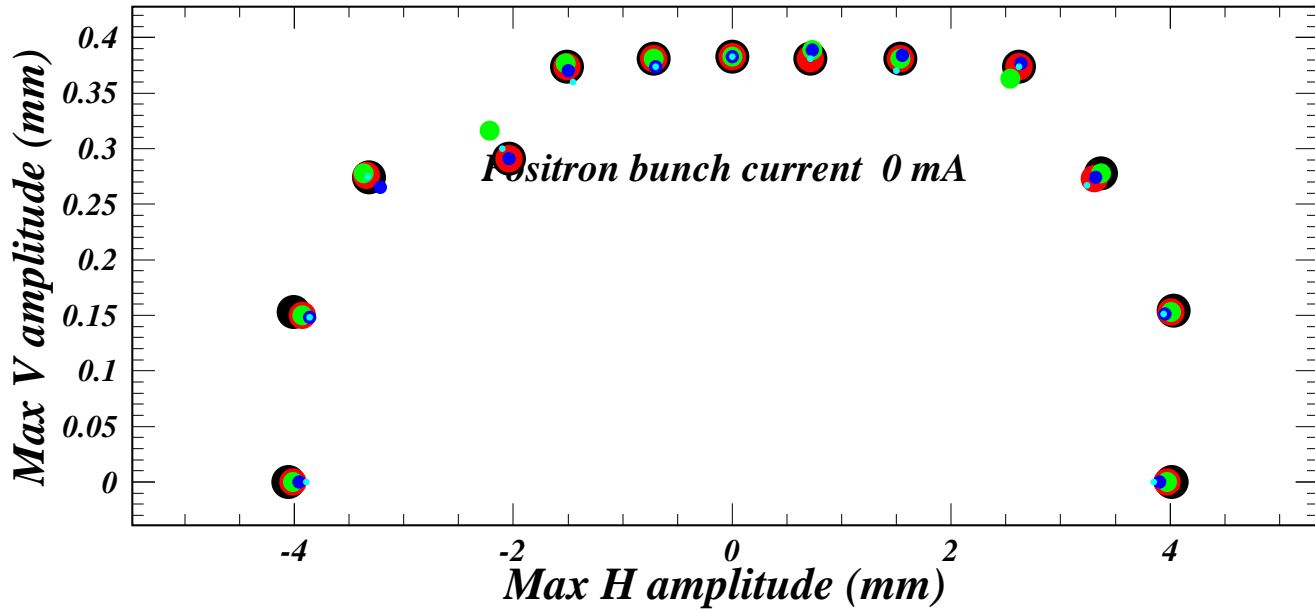
*Dynamic Aperture Calculations for Job 1630: Train 3 Energy offset -2E-05*



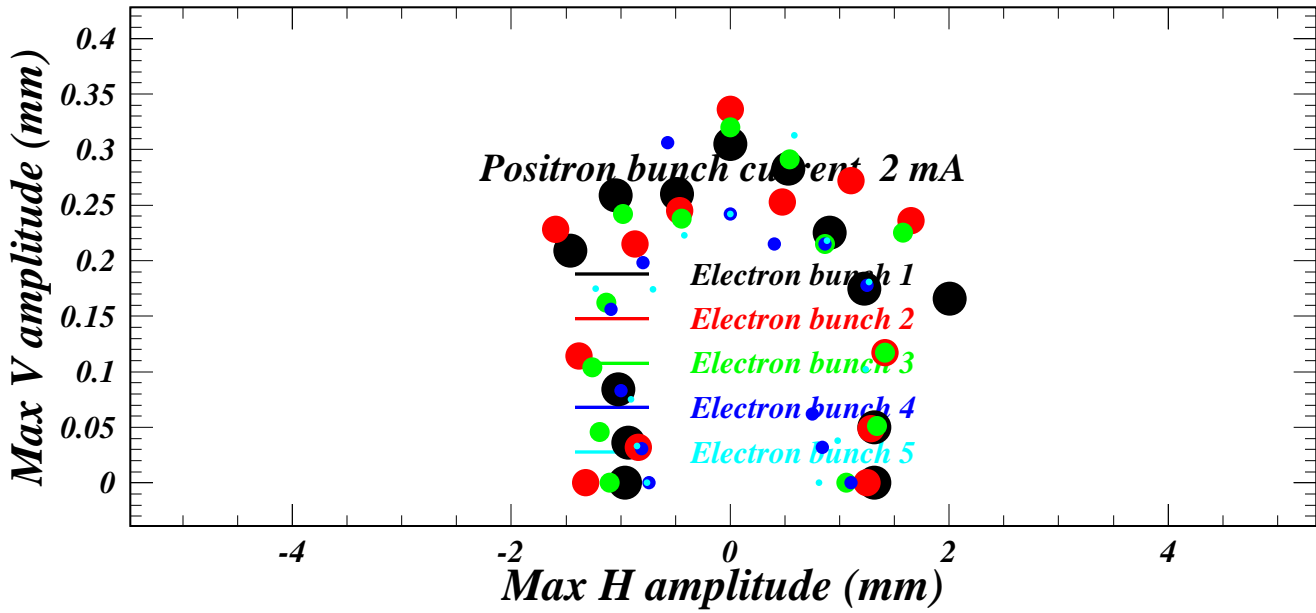
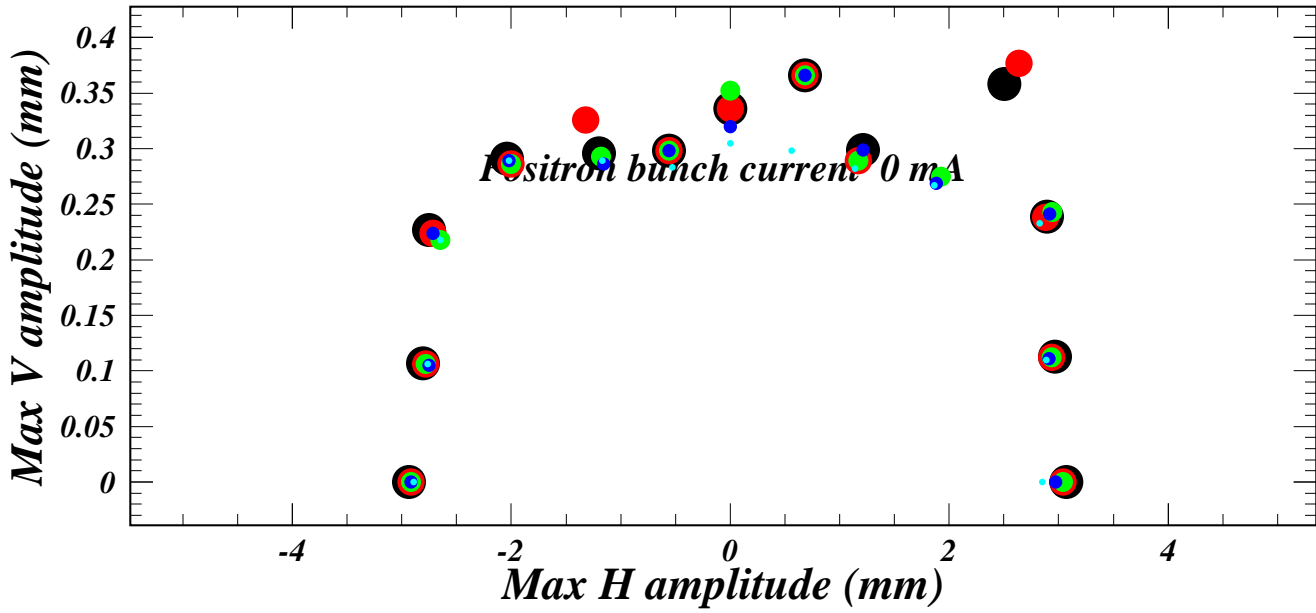
Dynamic Aperture Calculations for Job 1630: Train 3 Energy offset 0.00305



Dynamic Aperture Calculations for Job 1630: Train 4 Energy offset -2E-05

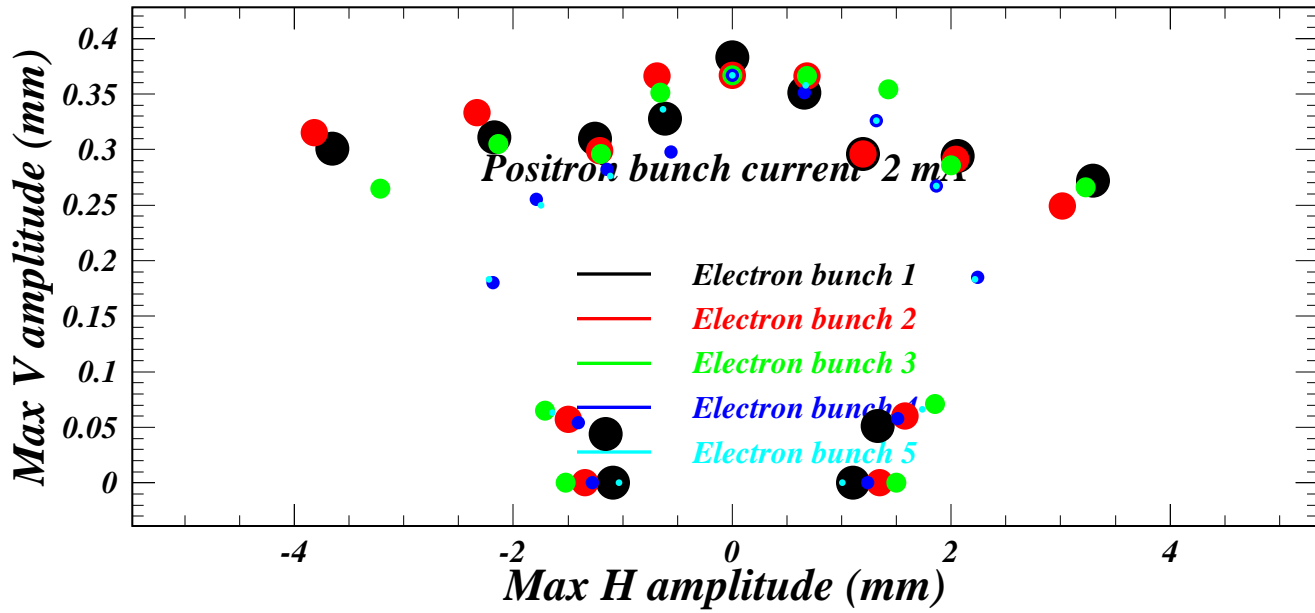
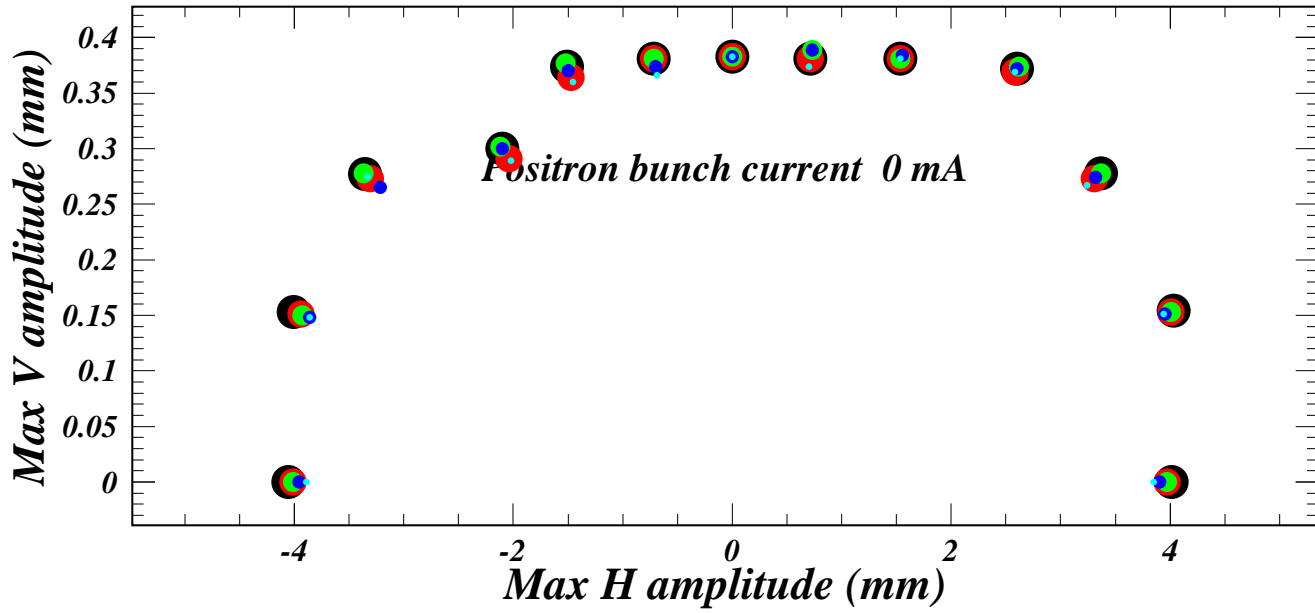


*Dynamic Aperture Calculations for Job 1630: Train 4 Energy offset 0.00305*

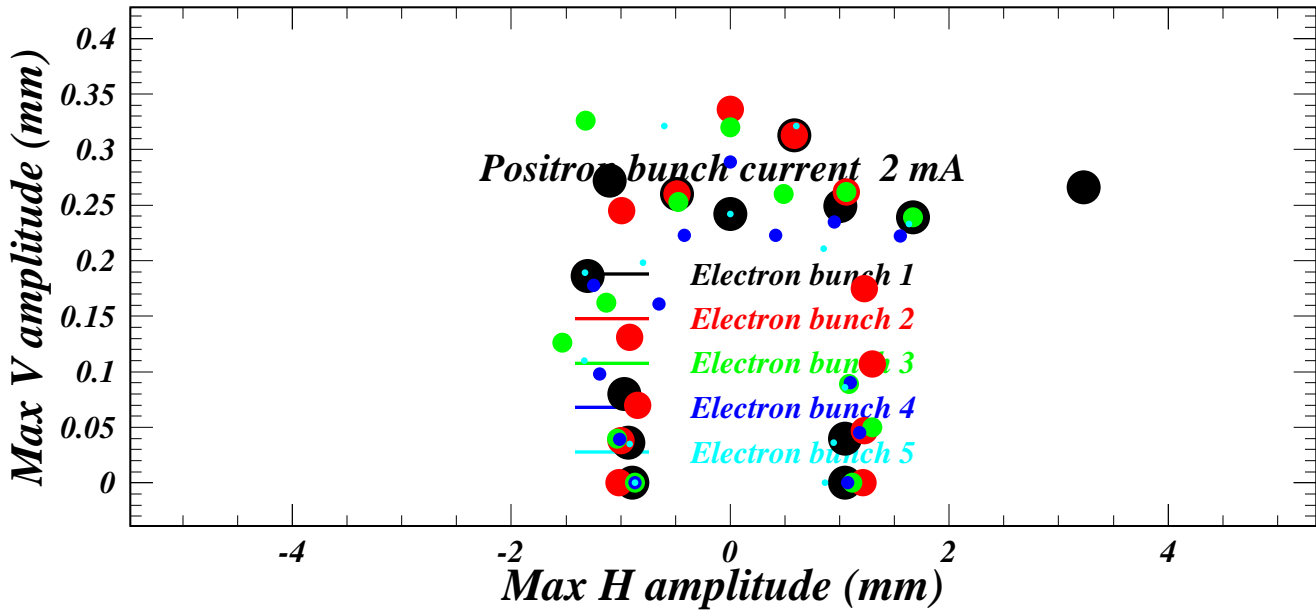
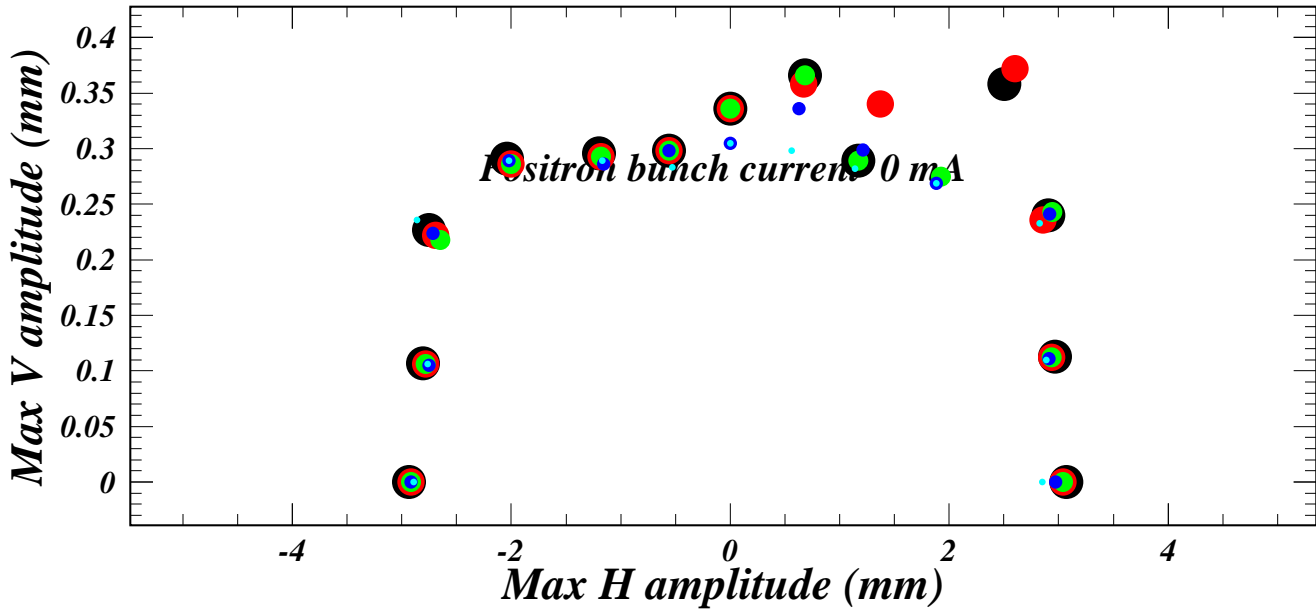




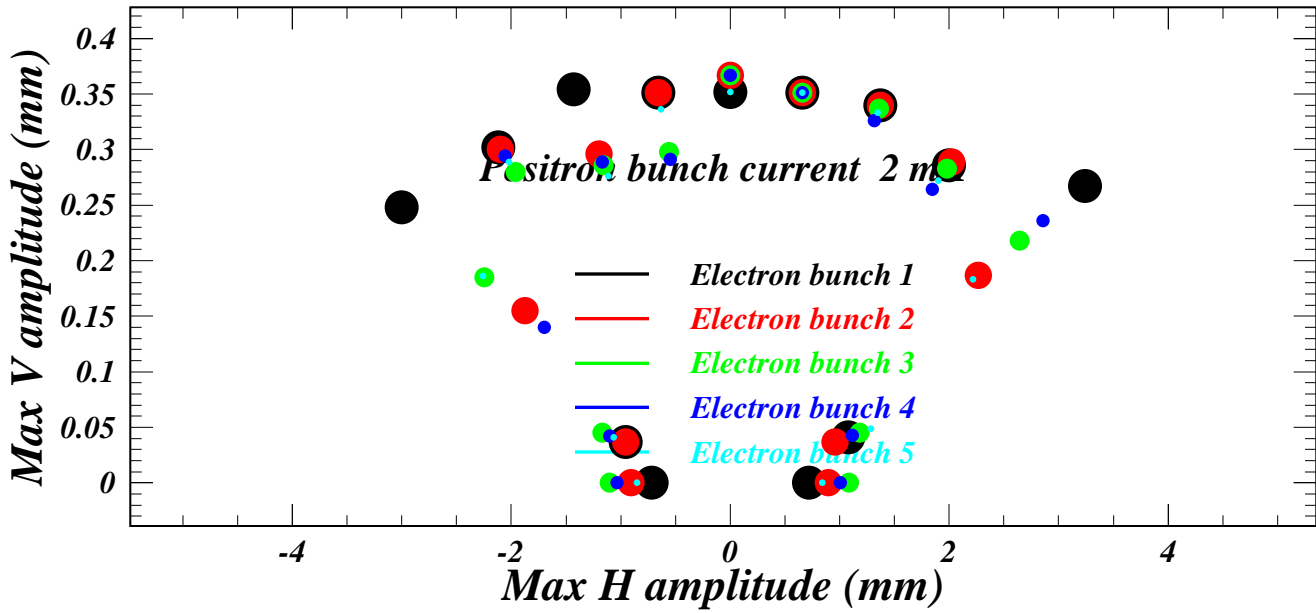
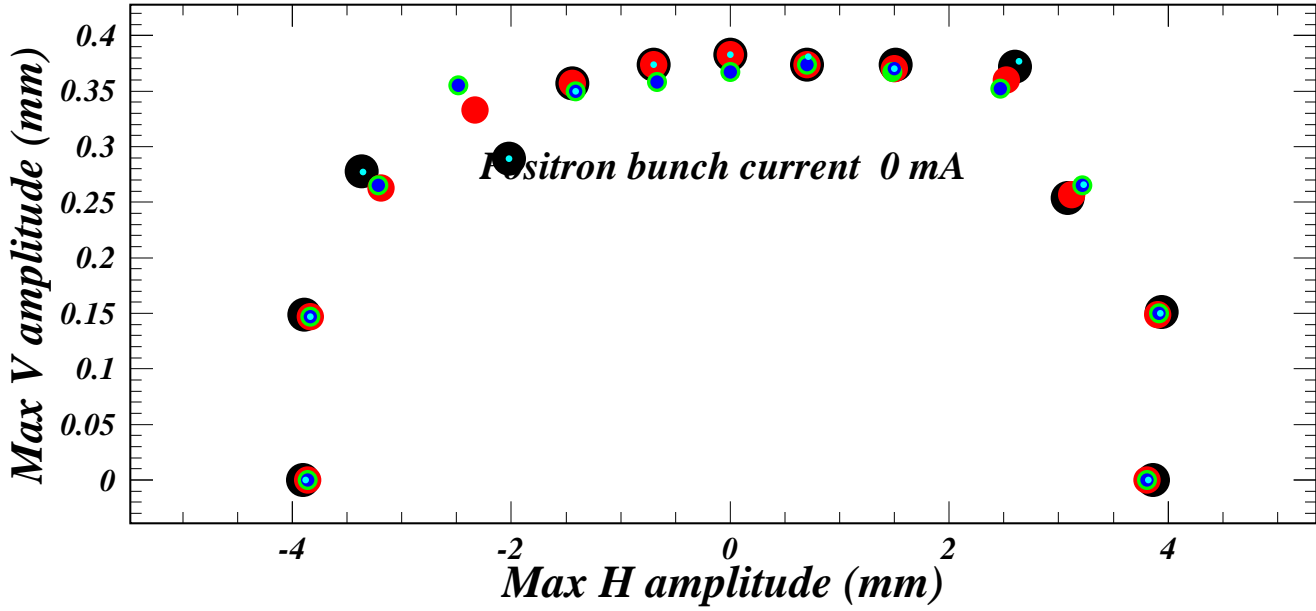
Dynamic Aperture Calculations for Job 1630: Train 5 Energy offset -2E-05



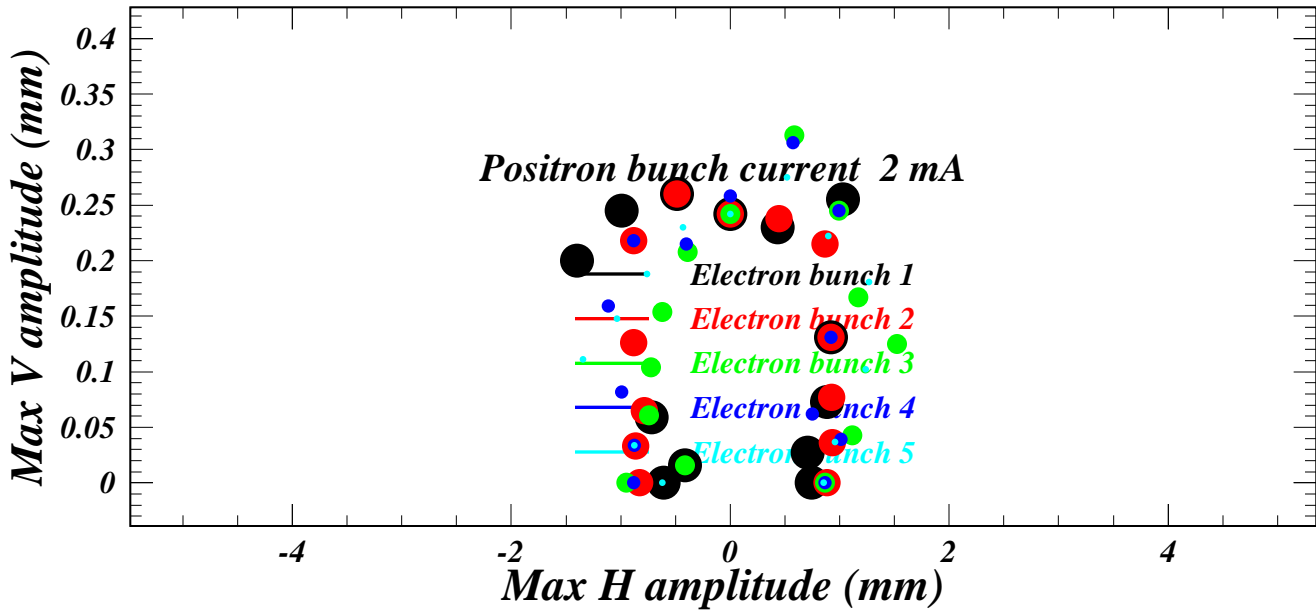
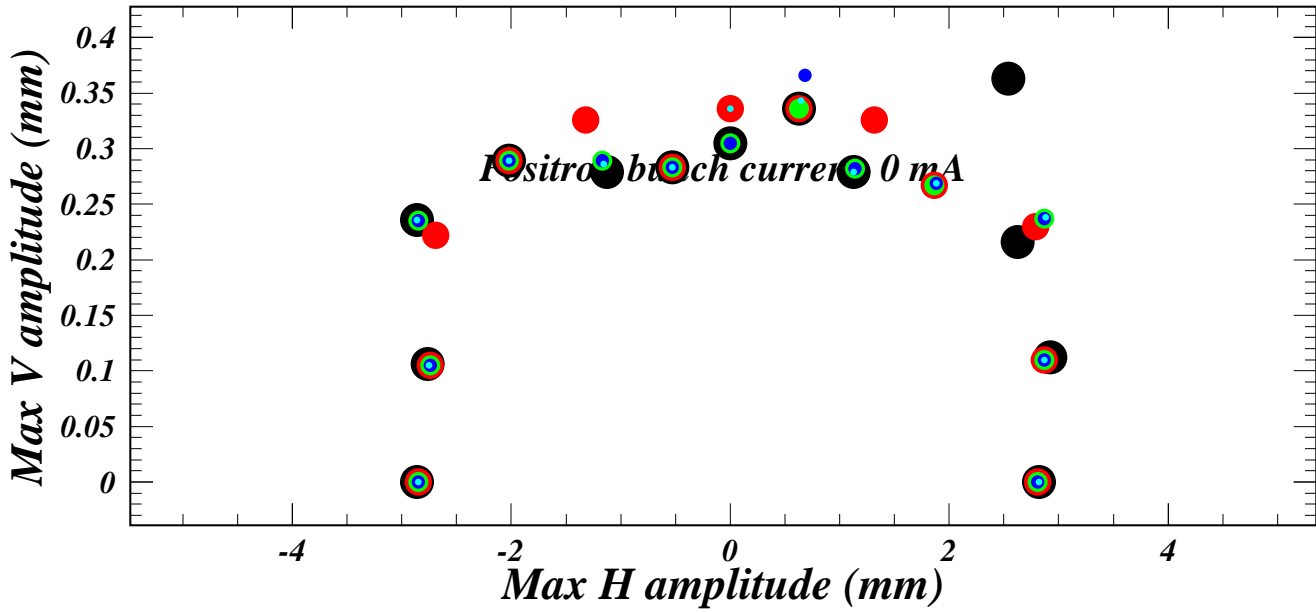
Dynamic Aperture Calculations for Job 1630: Train 5 Energy offset 0.00305



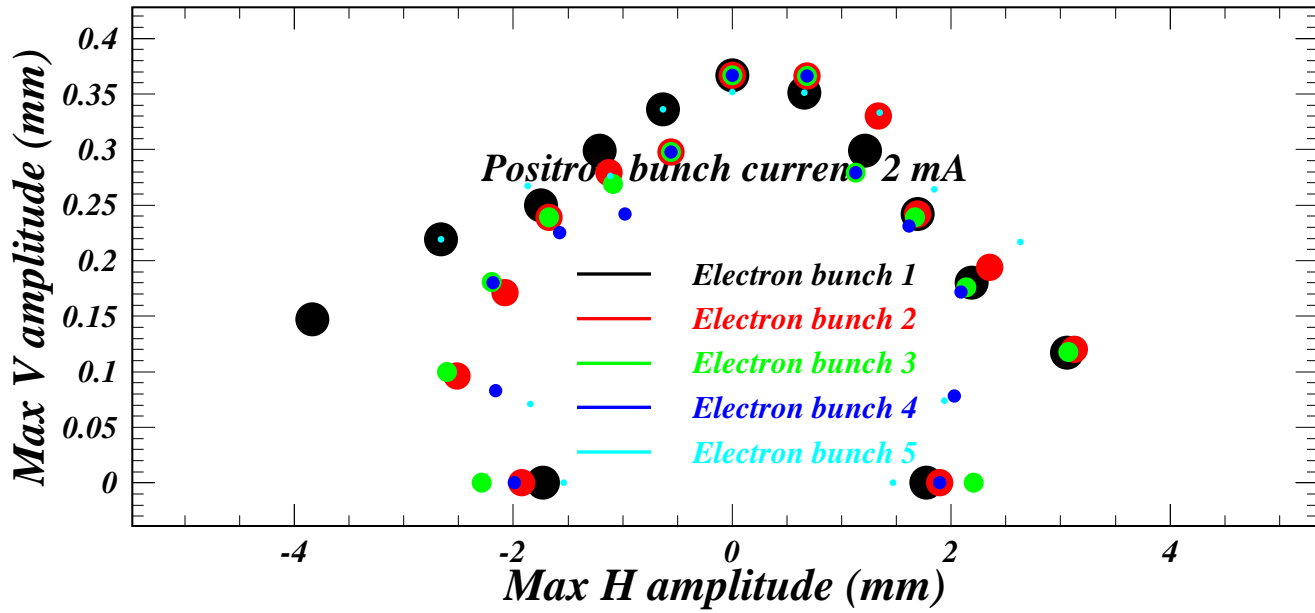
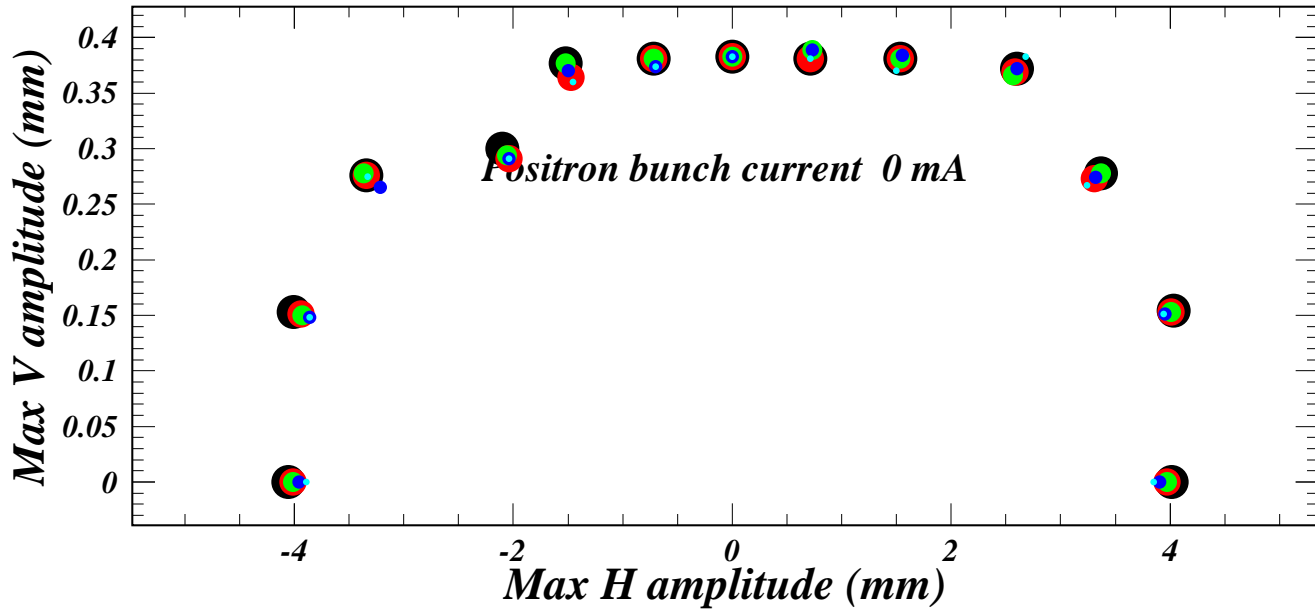
*Dynamic Aperture Calculations for Job 1630: Train 6 Energy offset -2E-05*



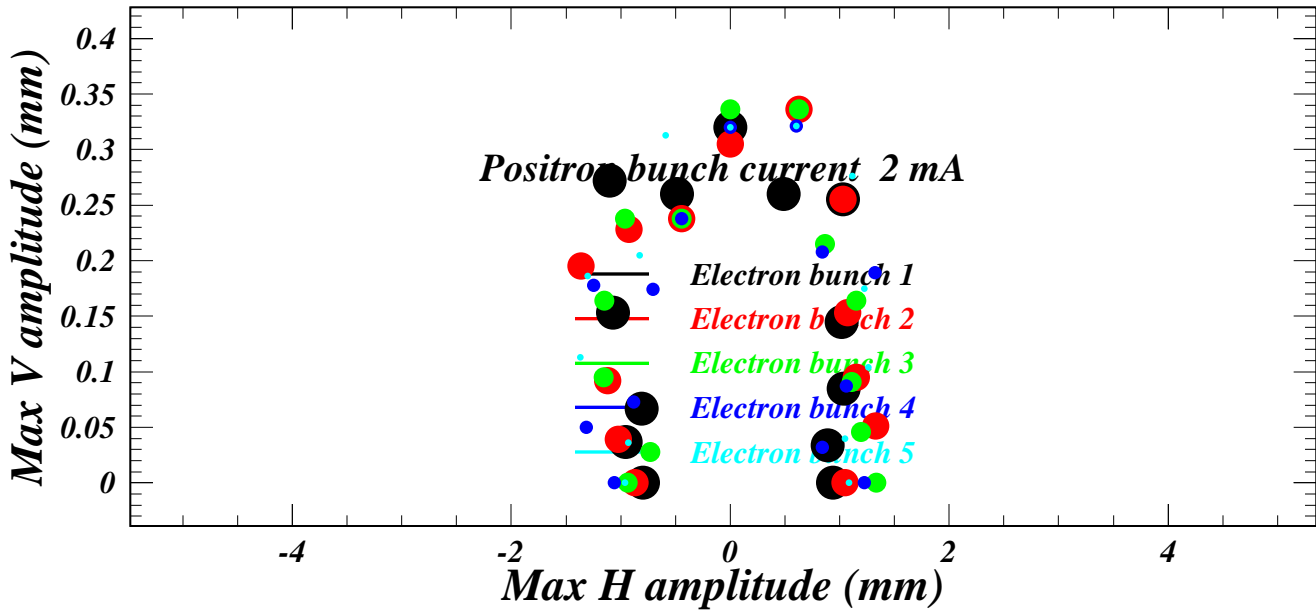
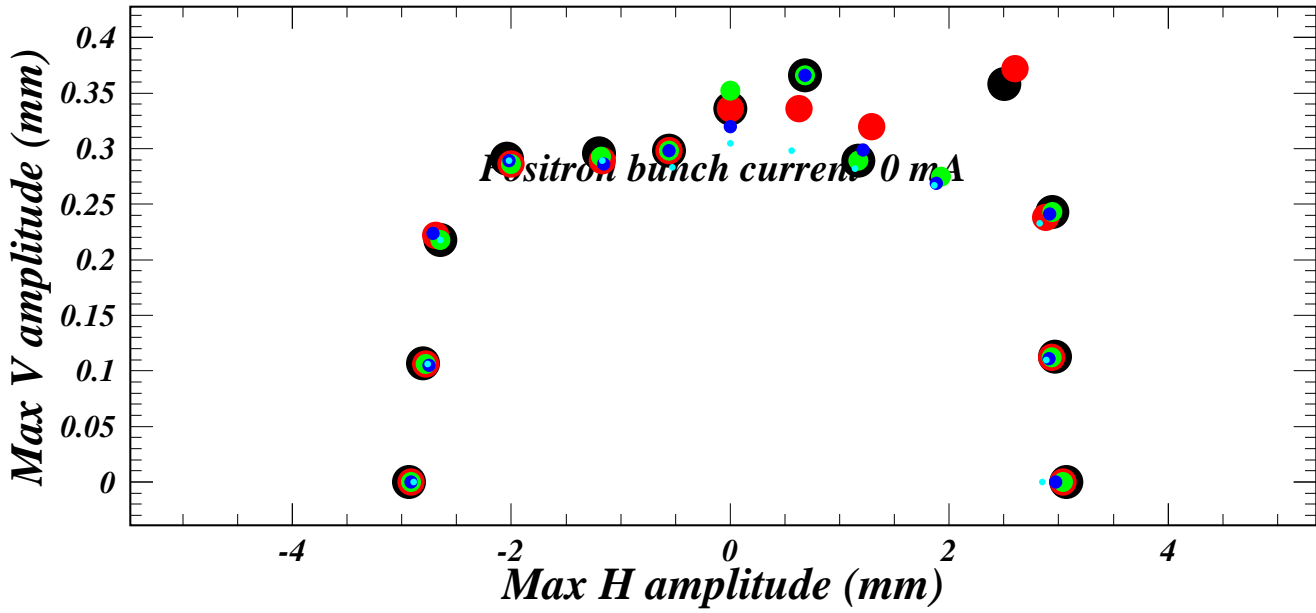
*Dynamic Aperture Calculations for Job 1630: Train 6 Energy offset 0.00305*



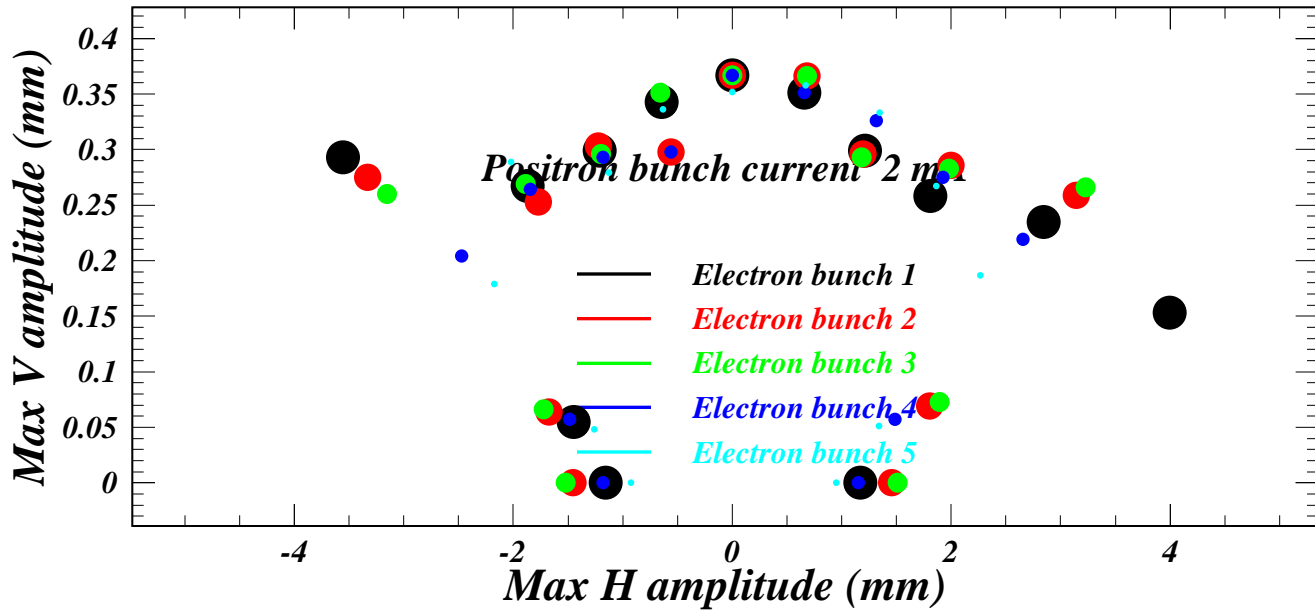
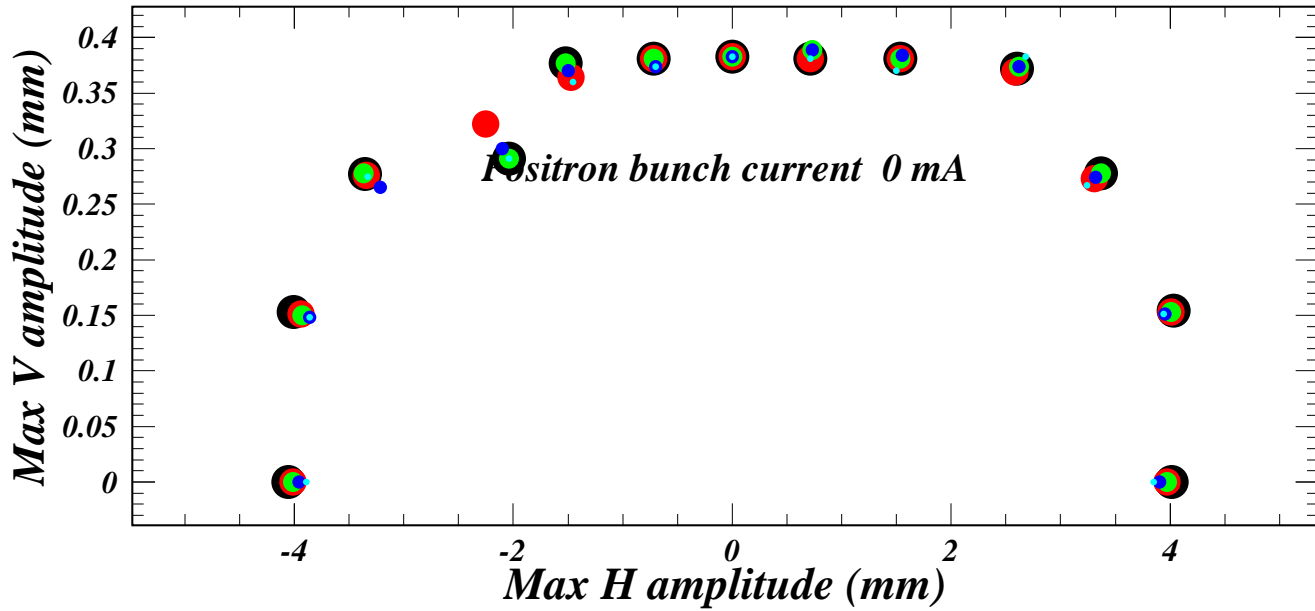
*Dynamic Aperture Calculations for Job 1630: Train 7 Energy offset -2E-05*



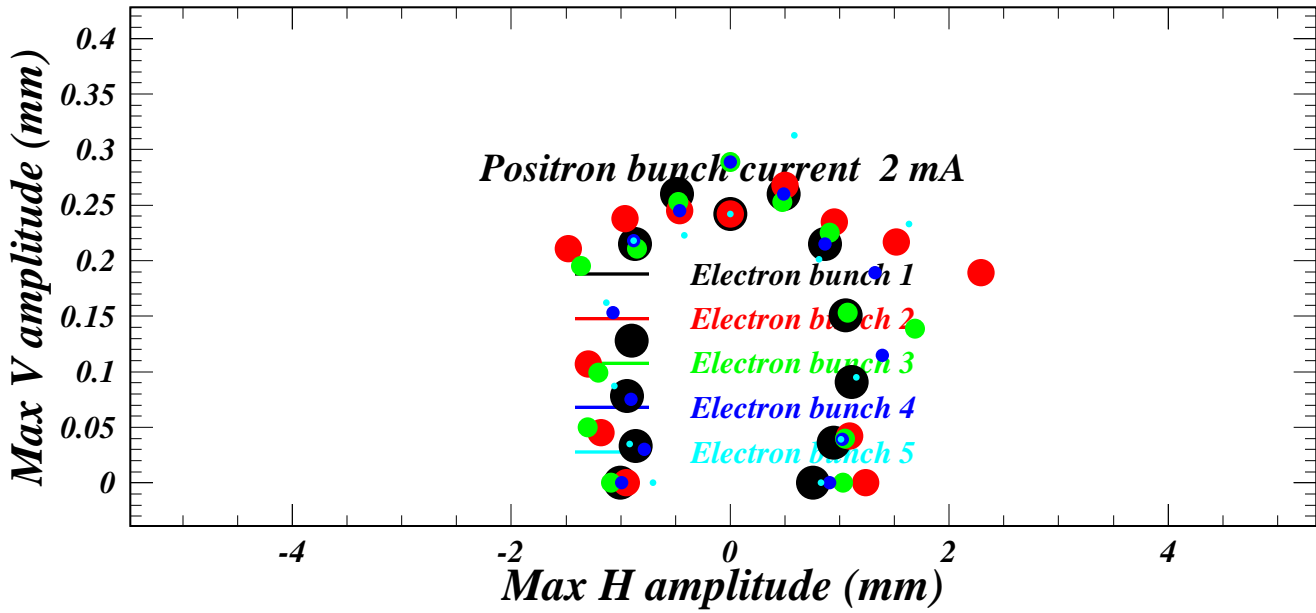
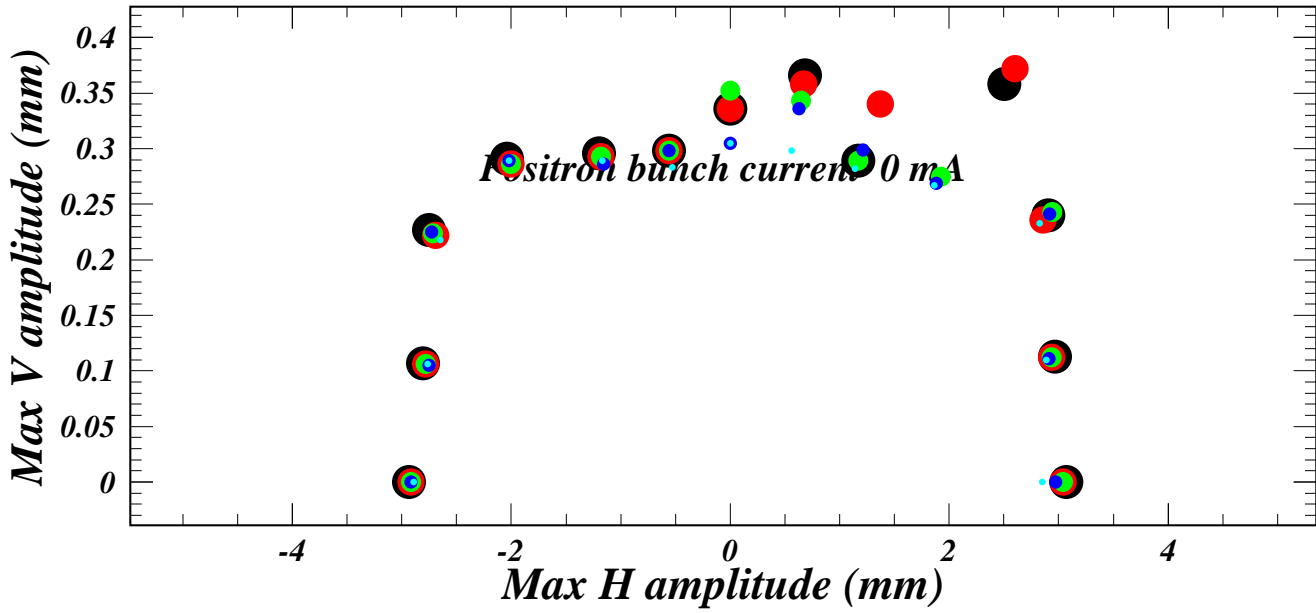
Dynamic Aperture Calculations for Job 1630: Train 7 Energy offset 0.00305



Dynamic Aperture Calculations for Job 1630: Train 8 Energy offset -2E-05

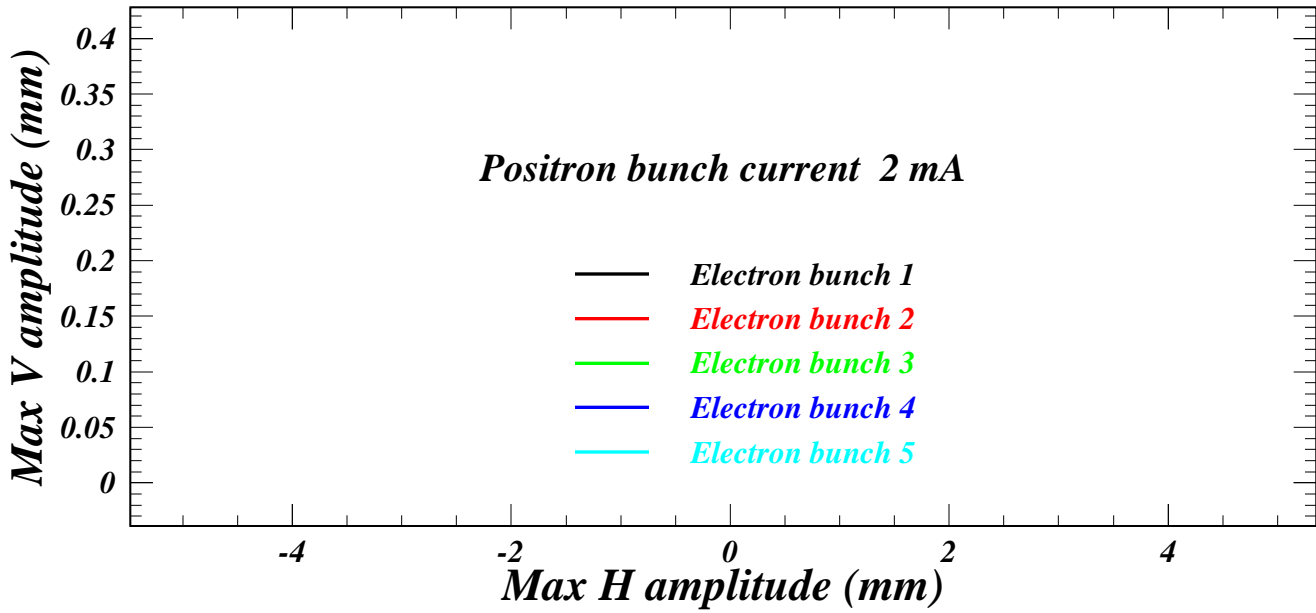
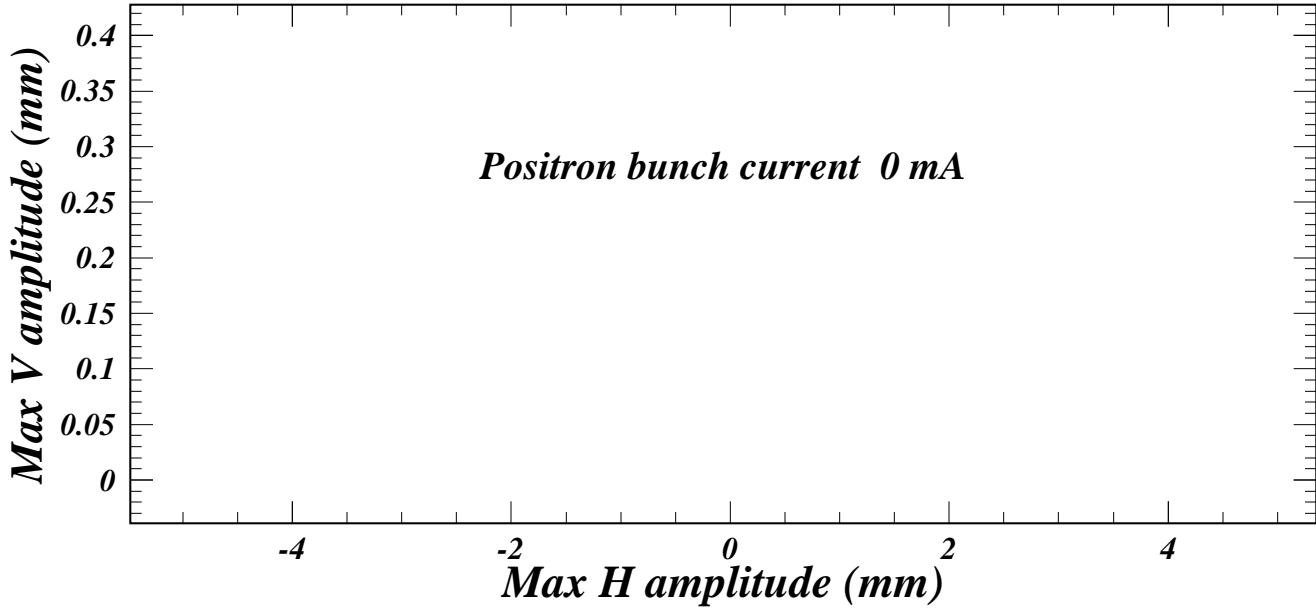


*Dynamic Aperture Calculations for Job 1630: Train 8 Energy offset 0.00305*

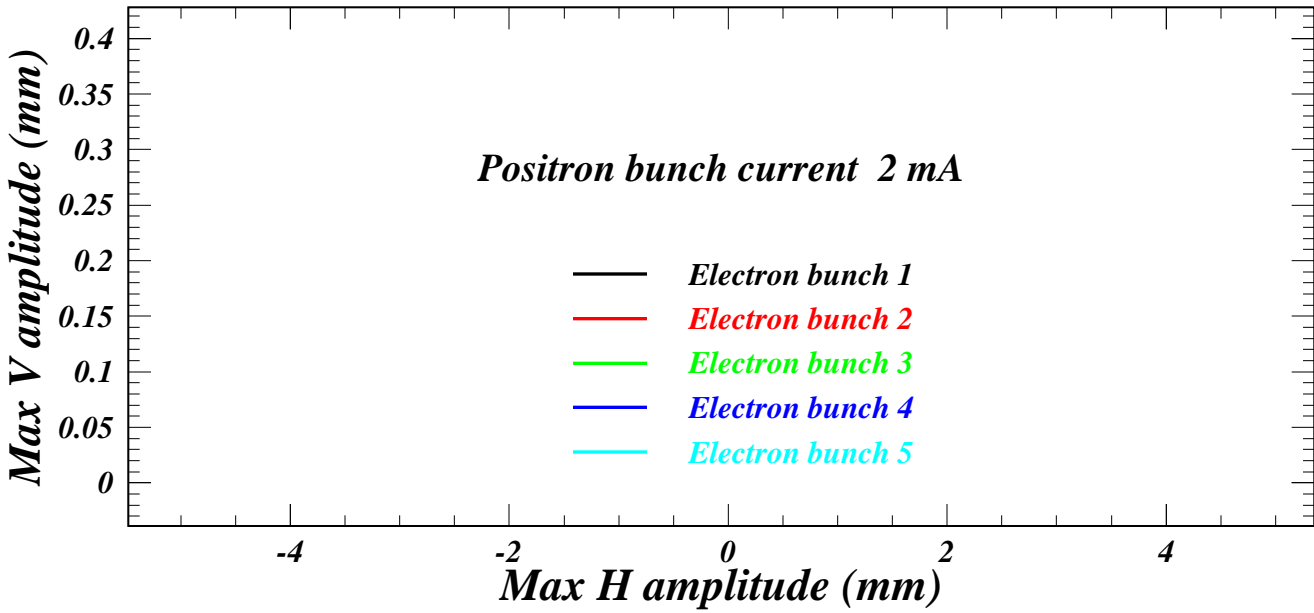
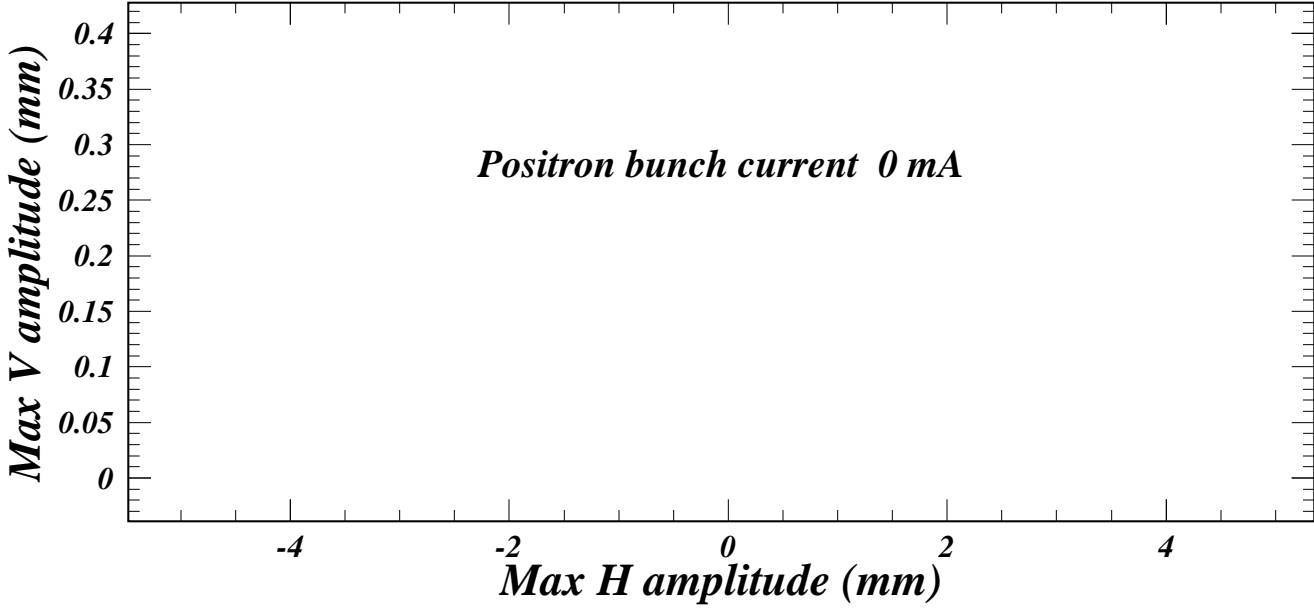




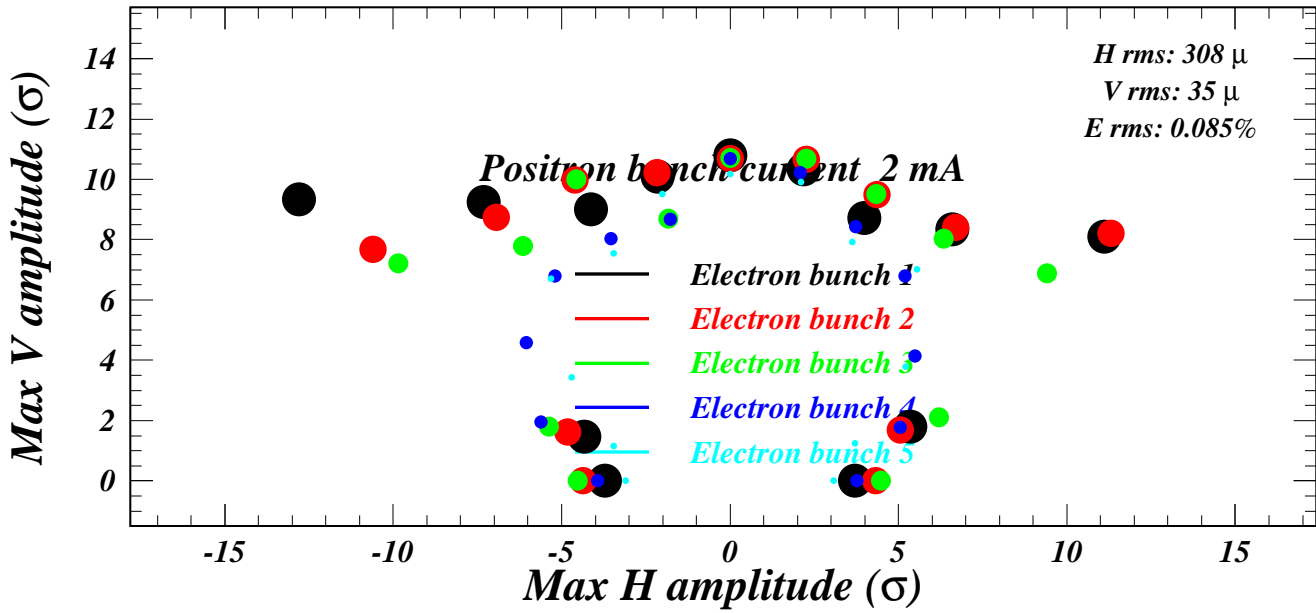
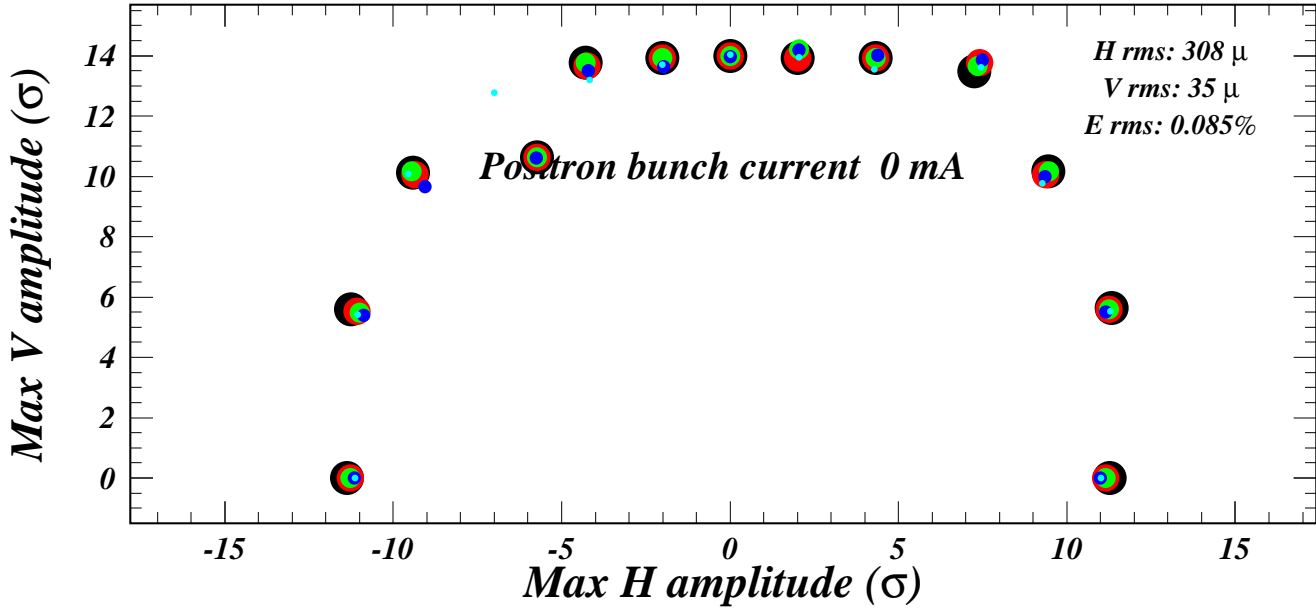
*Dynamic Aperture Calculations for Job 1630: Train 9 Energy offset -2E-05*



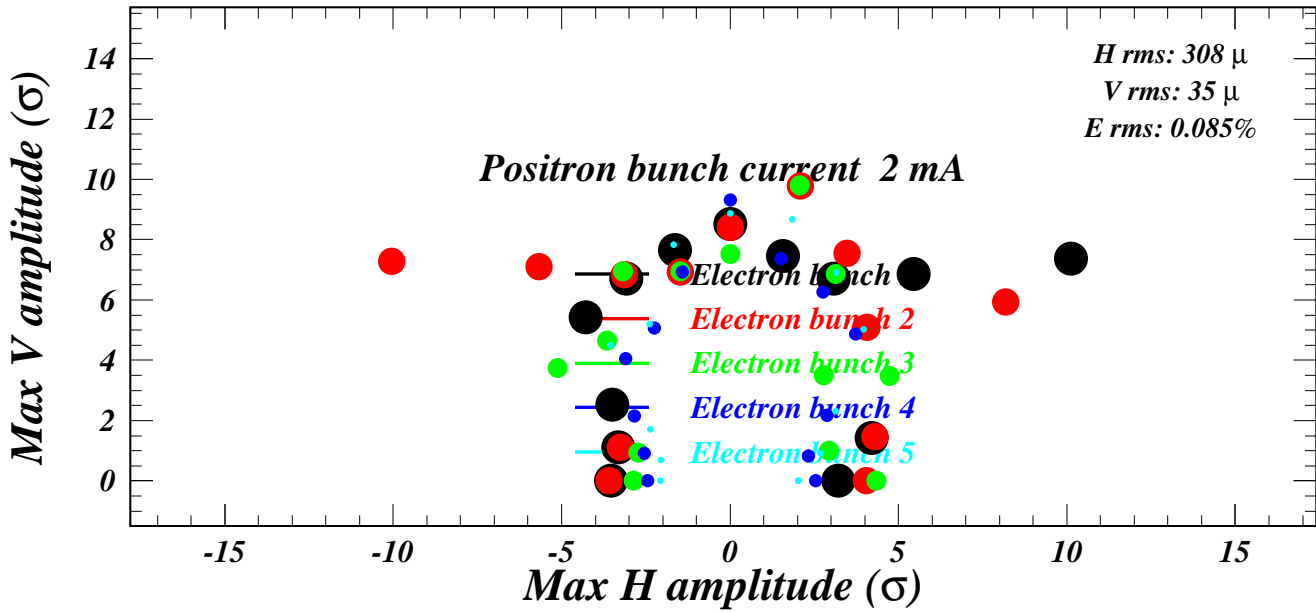
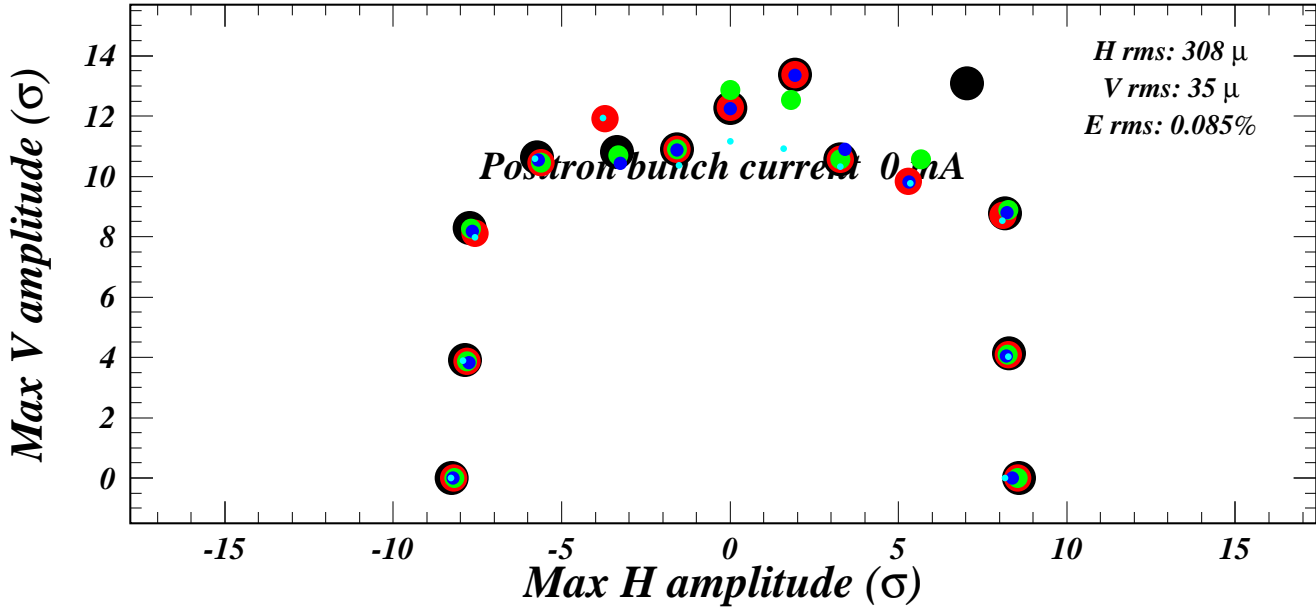
*Dynamic Aperture Calculations for Job 1630: Train 9 Energy offset 0.00305*



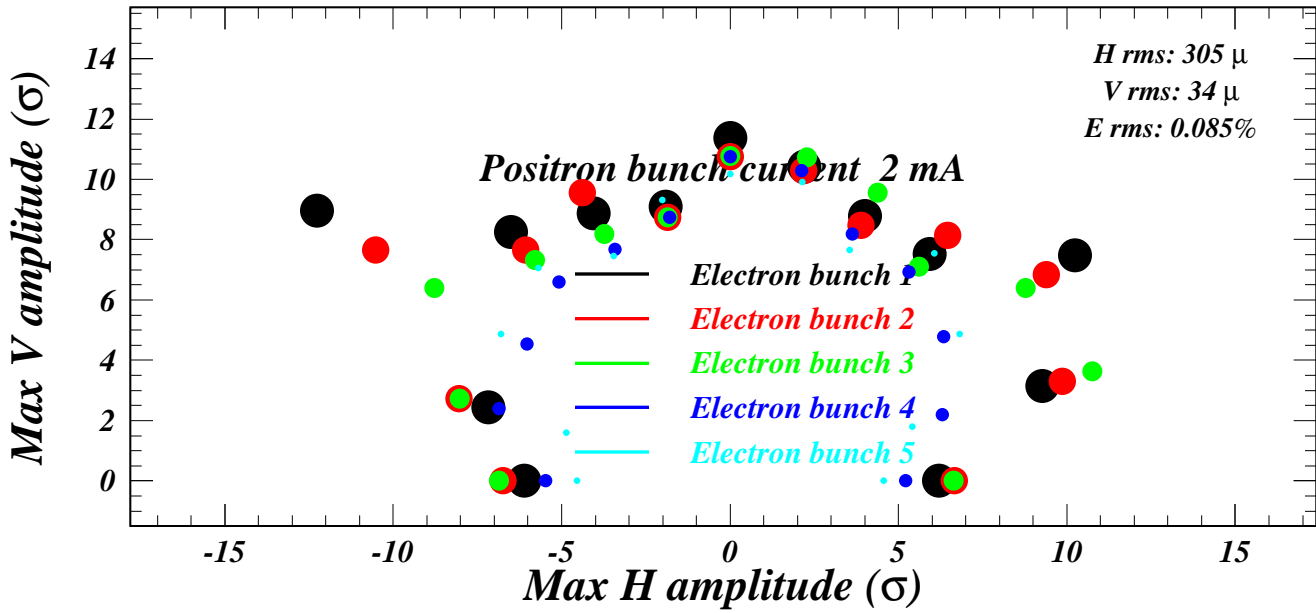
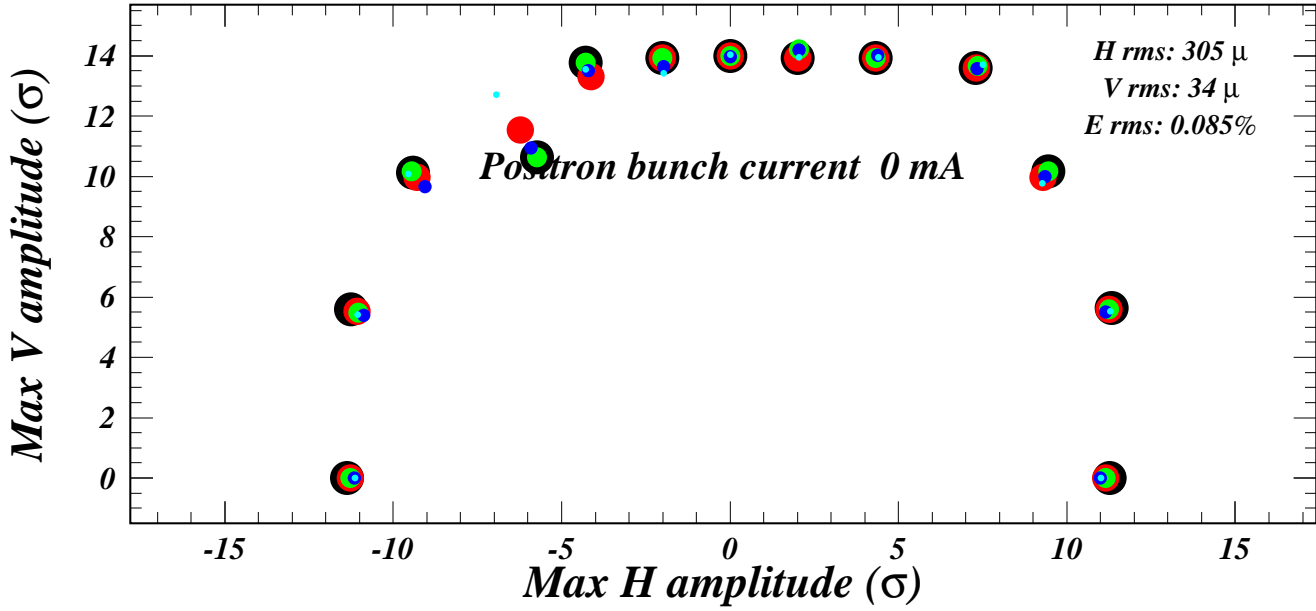
Dynamic Aperture Calculations for Job 1630: Train 1 Energy offset 0  $\sigma$



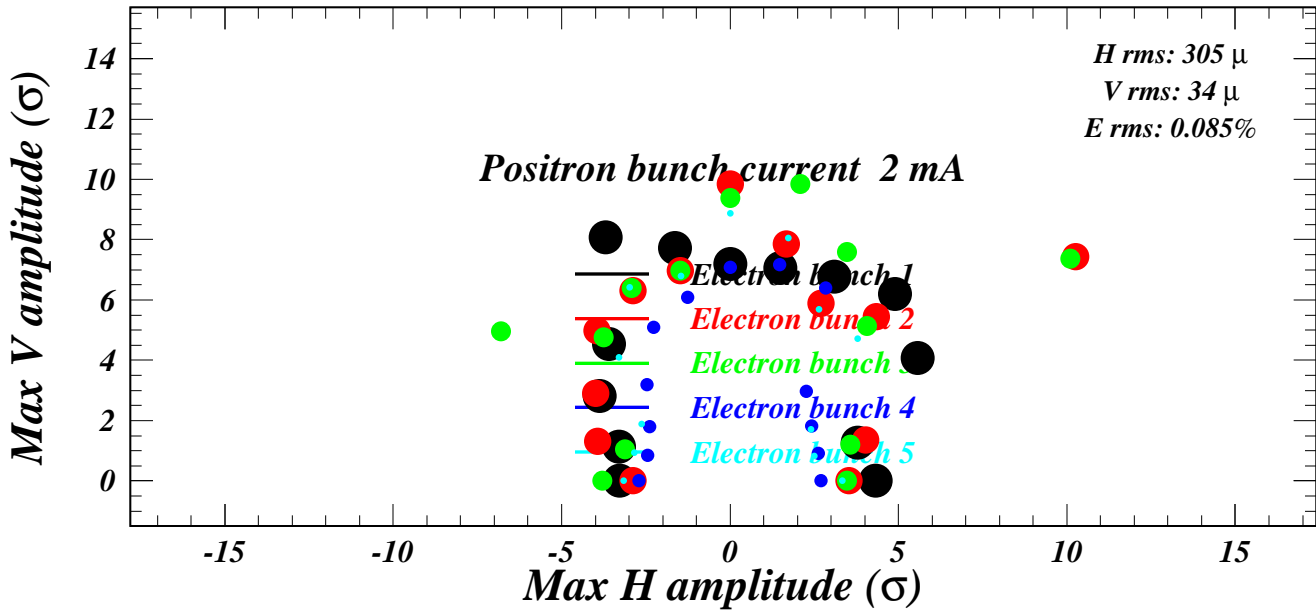
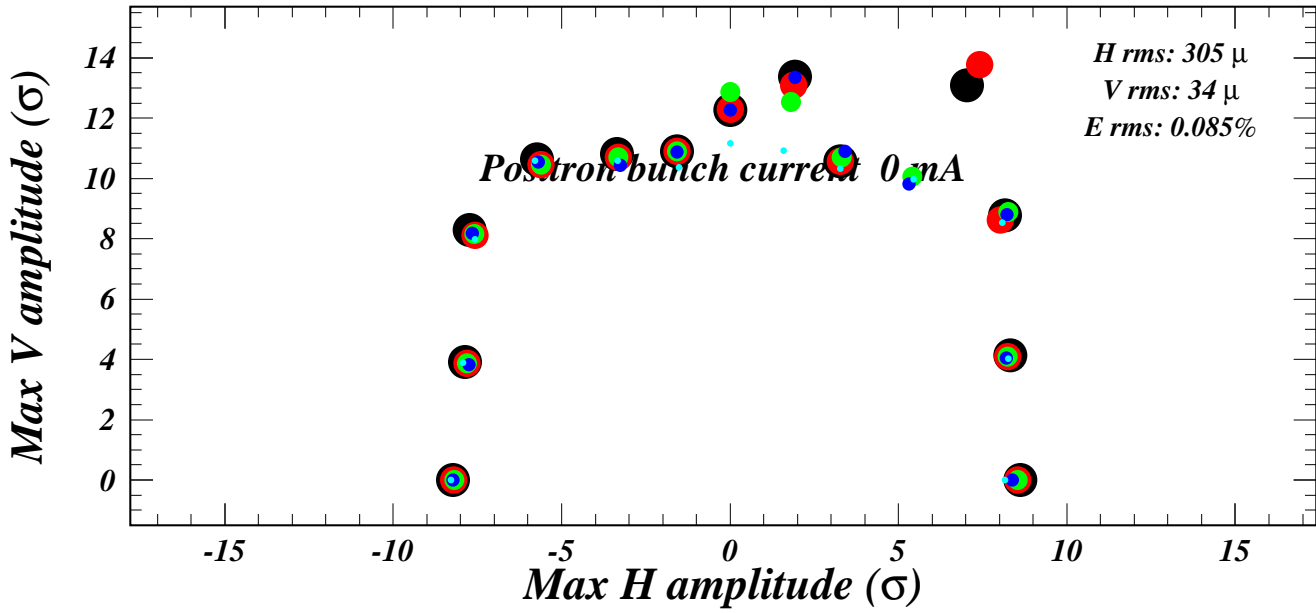
Dynamic Aperture Calculations for Job 1630: Train 1 Energy offset 3.5  $\sigma$



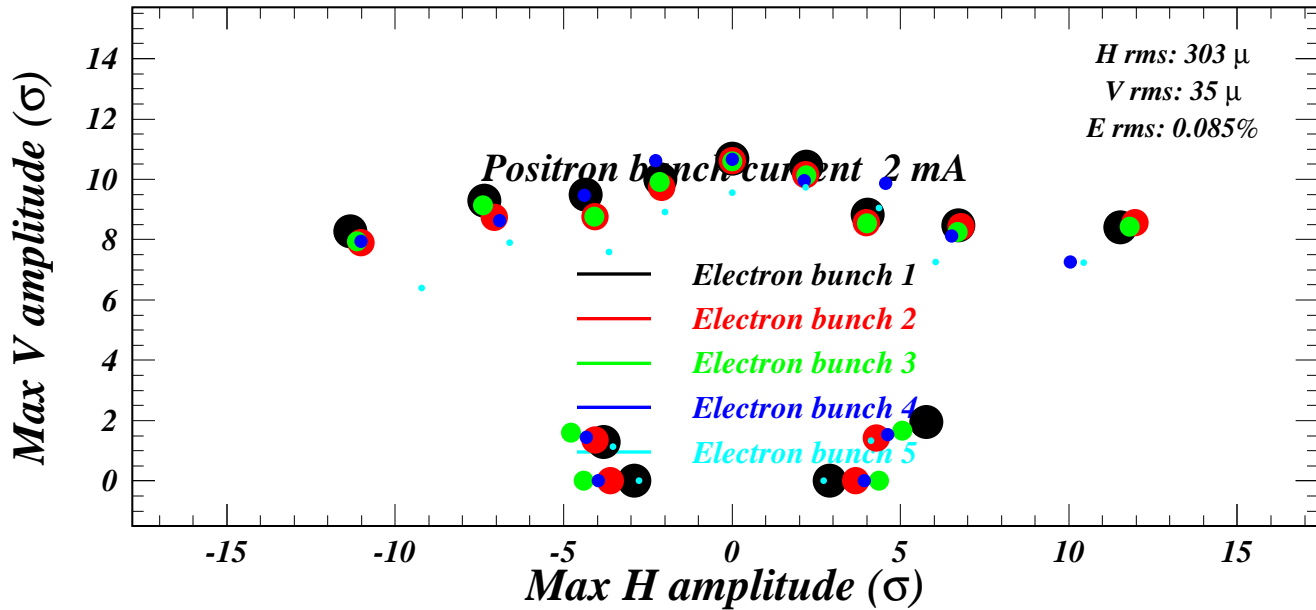
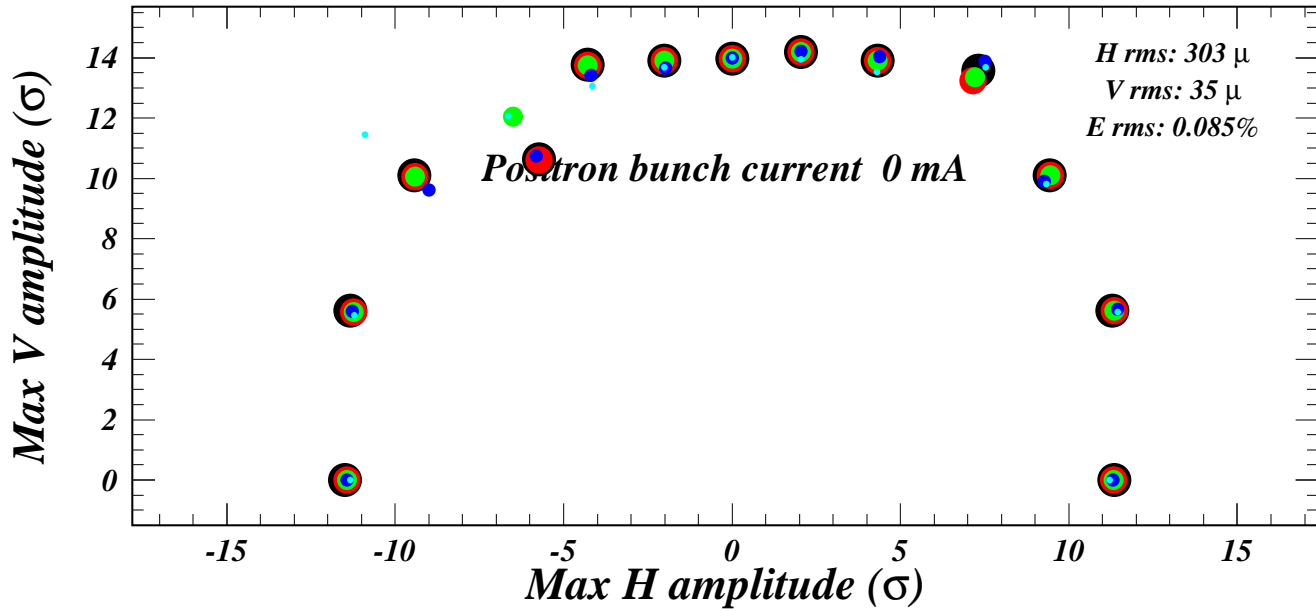
Dynamic Aperture Calculations for Job 1630: Train 2 Energy offset 0  $\sigma$



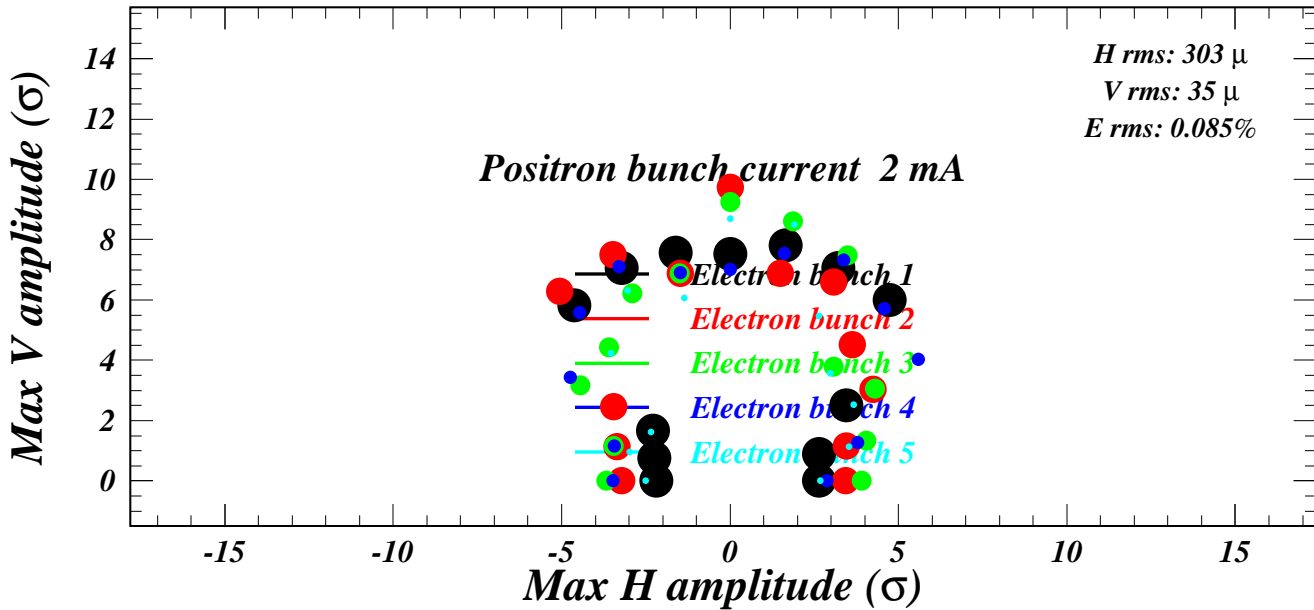
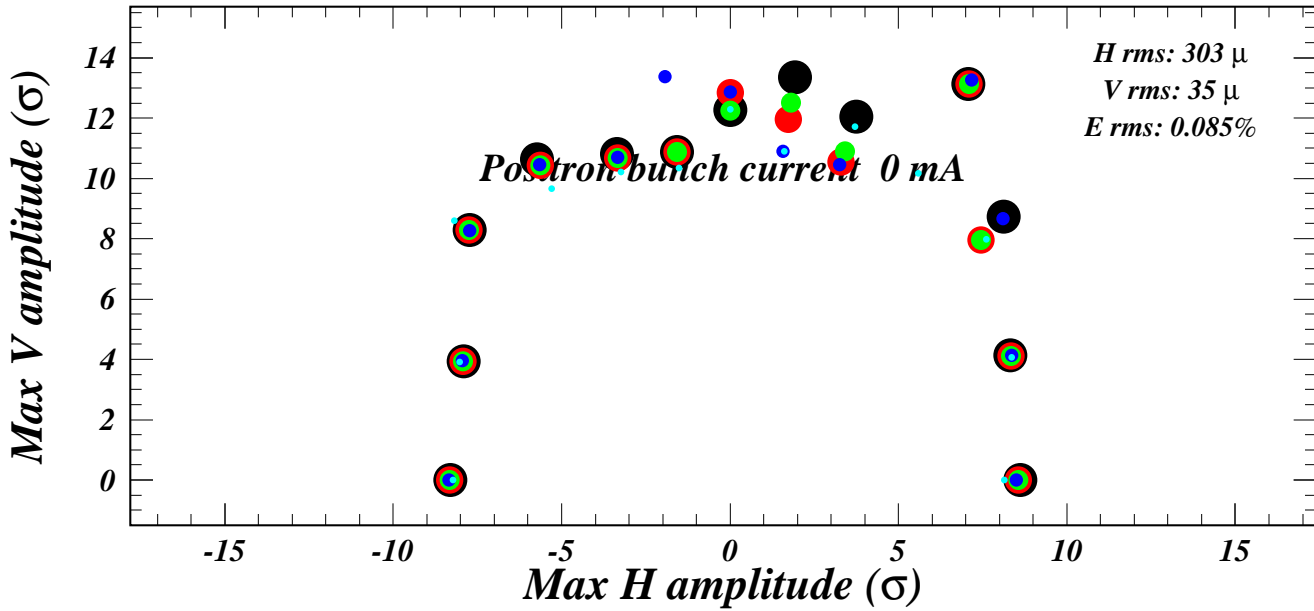
Dynamic Aperture Calculations for Job 1630: Train 2 Energy offset 3.5  $\sigma$



*Dynamic Aperture Calculations for Job 1630: Train 3 Energy offset 0  $\sigma$*

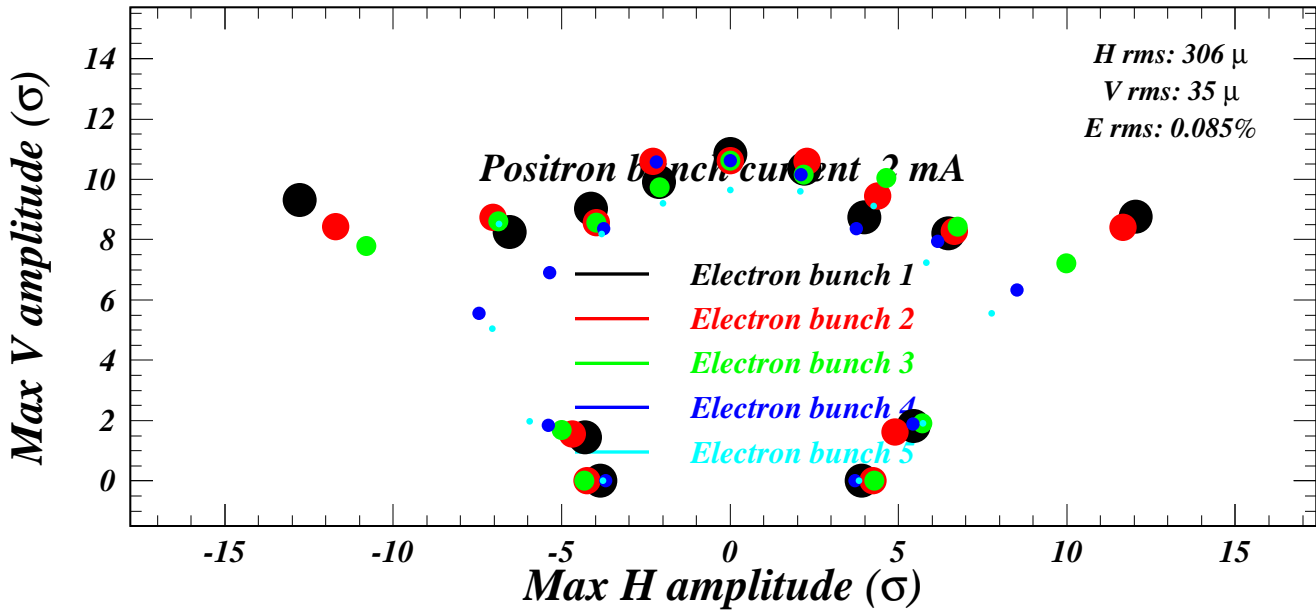
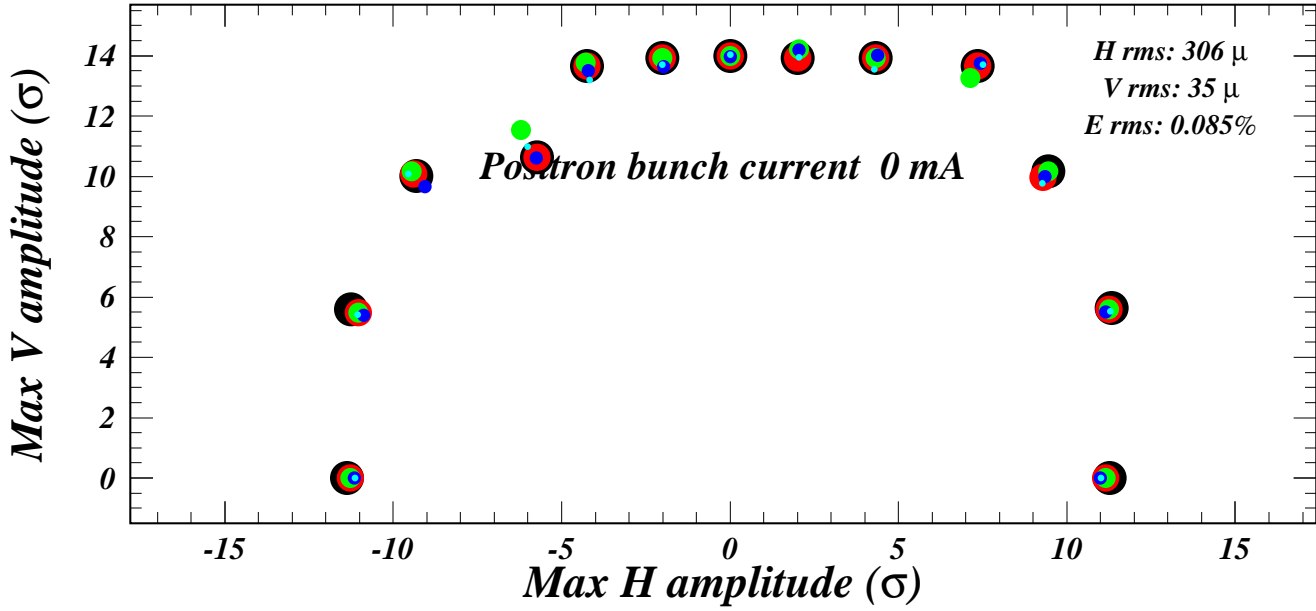


Dynamic Aperture Calculations for Job 1630: Train 3 Energy offset 3.5  $\sigma$

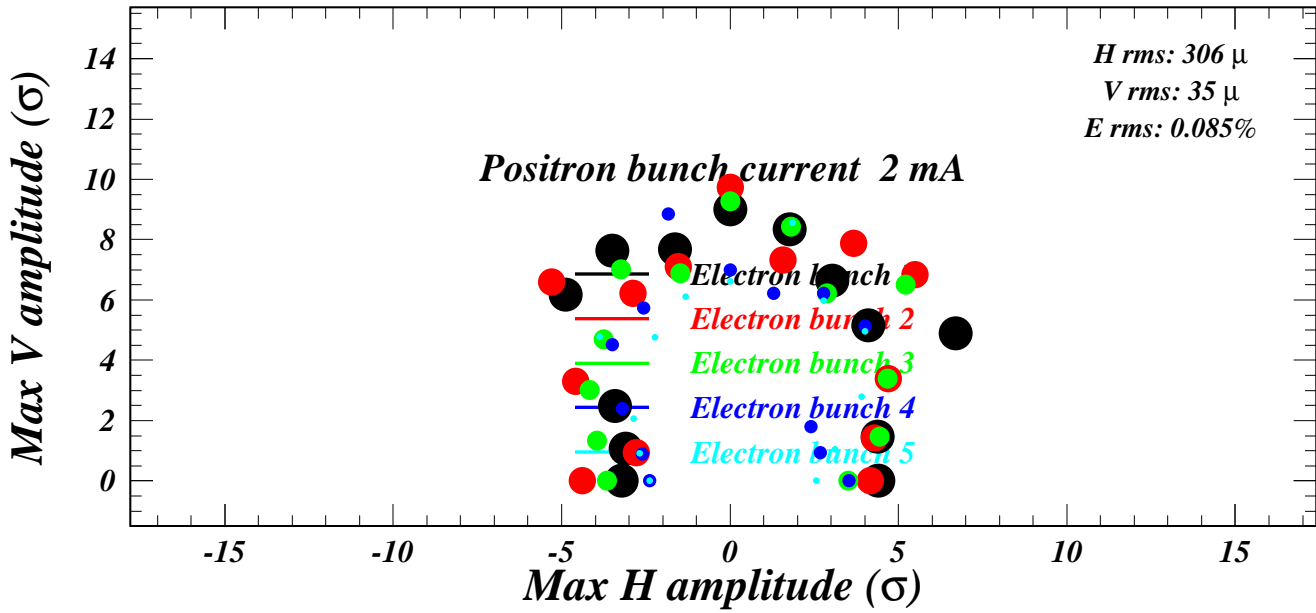
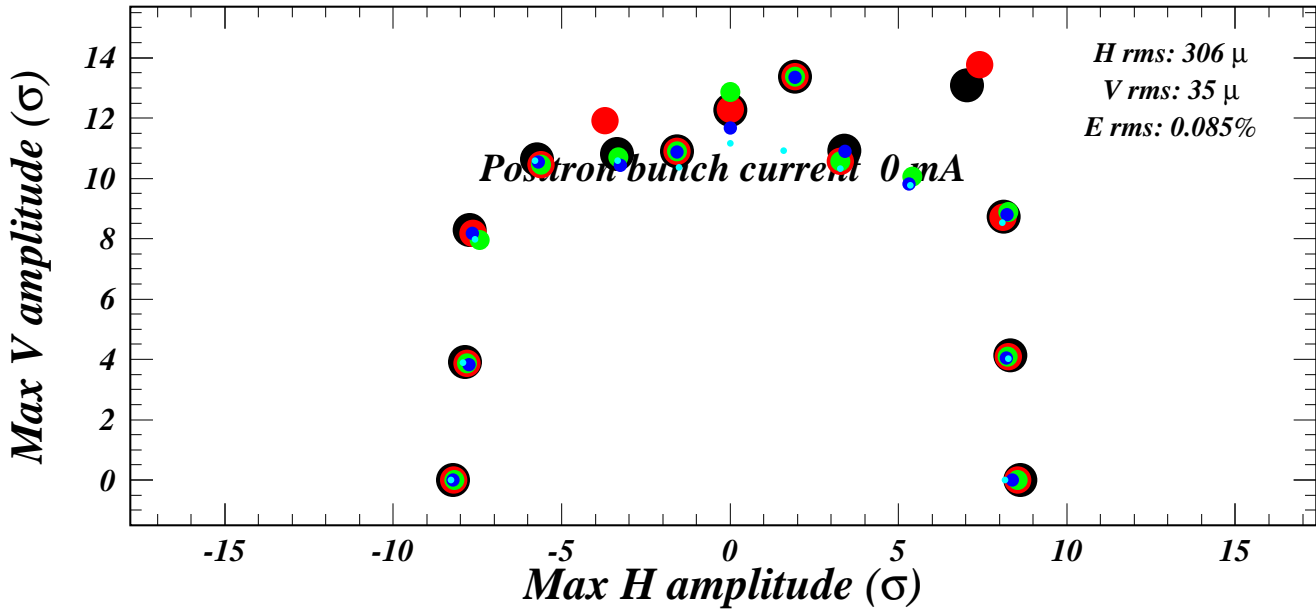




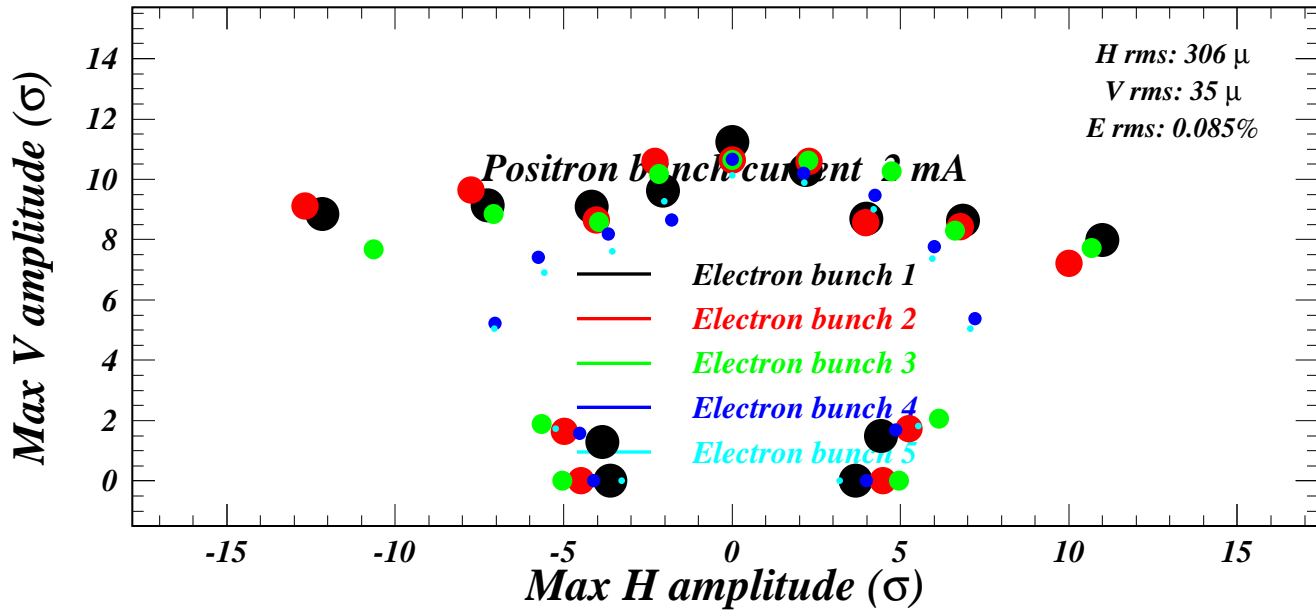
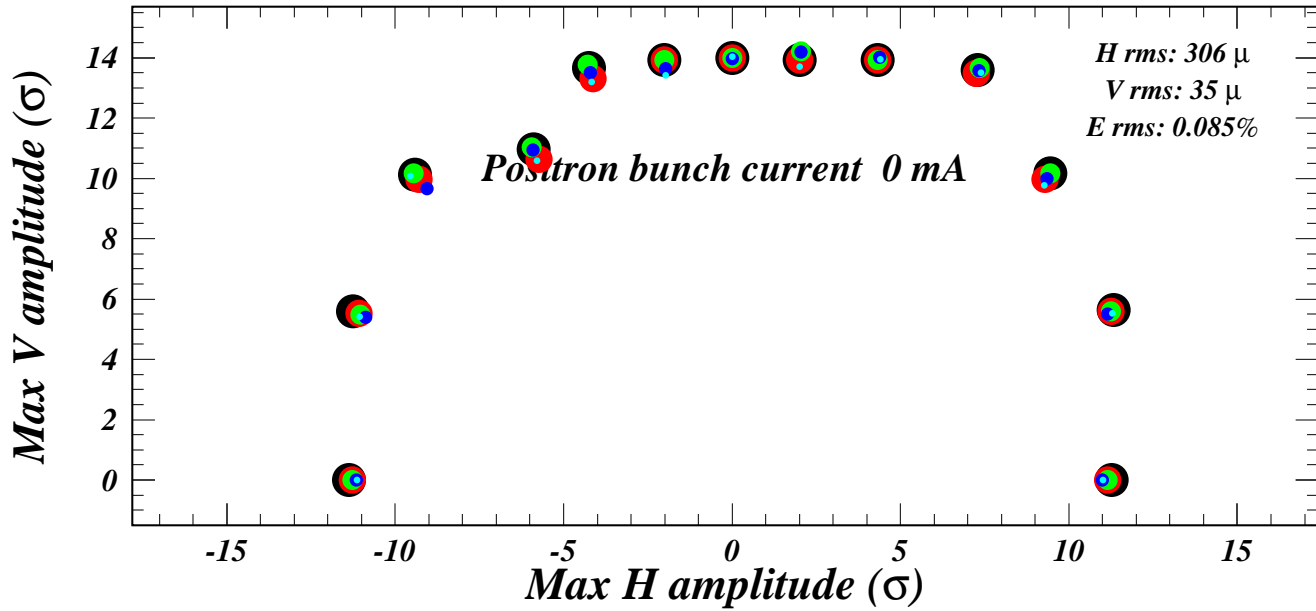
*Dynamic Aperture Calculations for Job 1630: Train 4 Energy offset 0  $\sigma$*



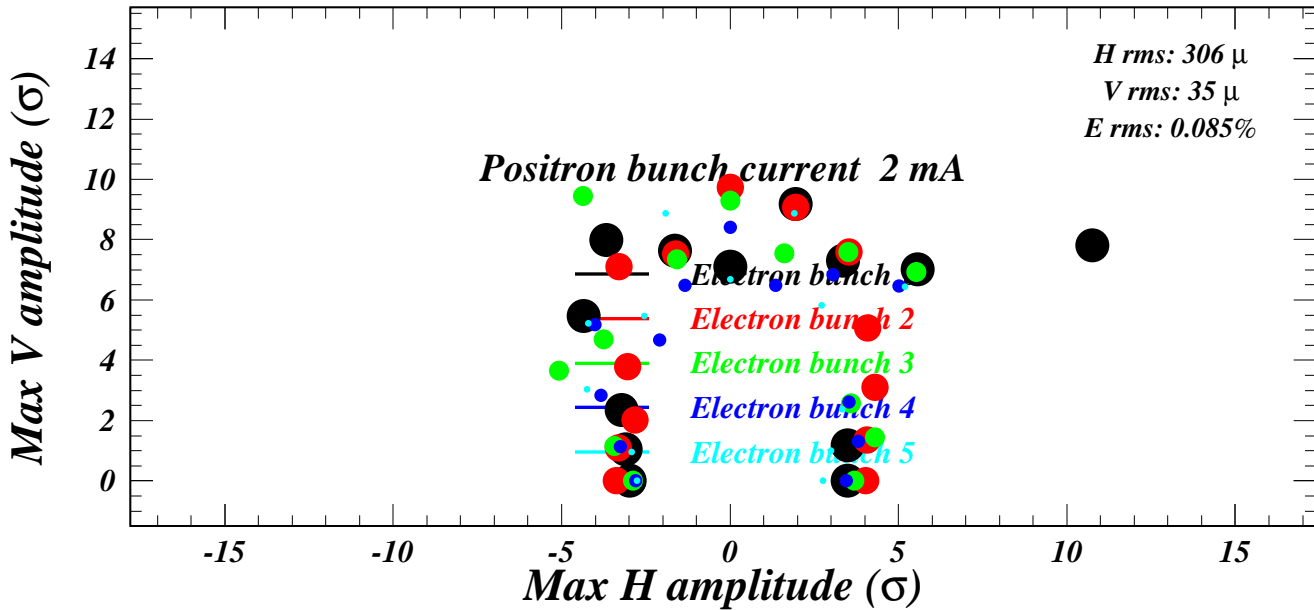
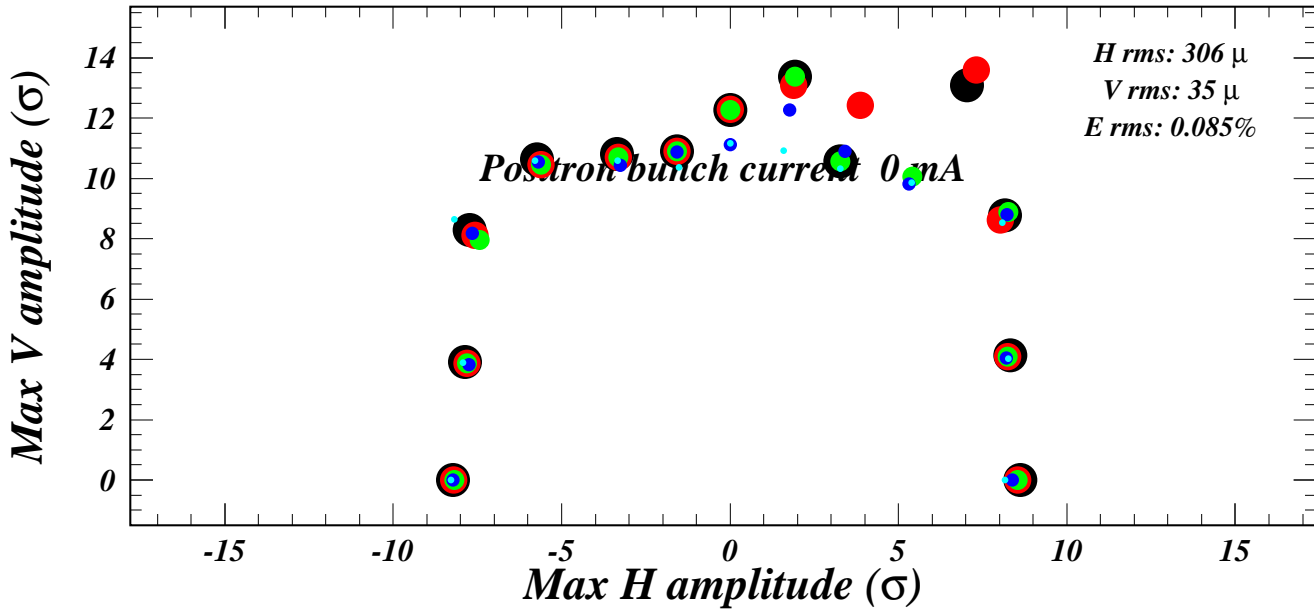
Dynamic Aperture Calculations for Job 1630: Train 4 Energy offset 3.5  $\sigma$



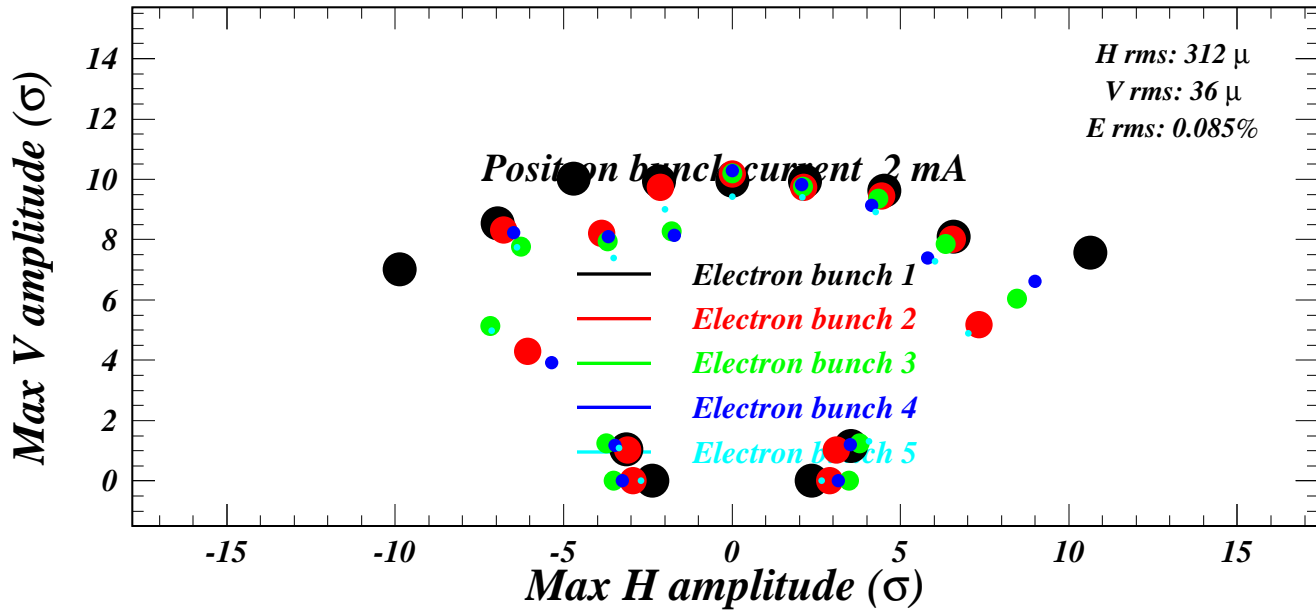
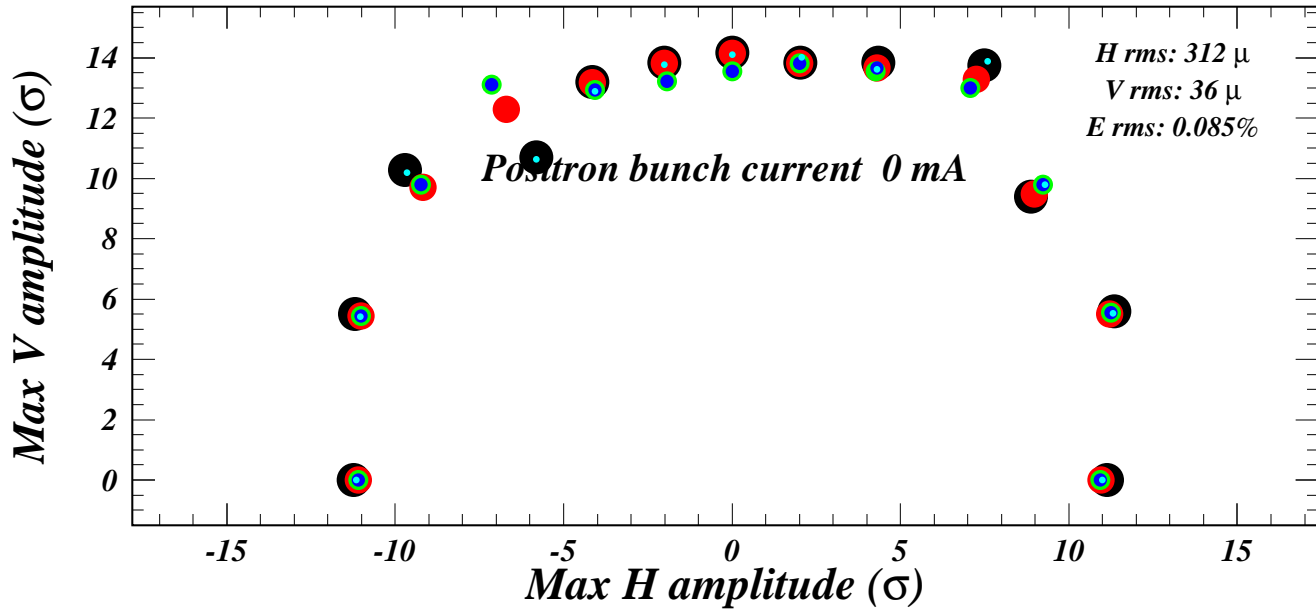
*Dynamic Aperture Calculations for Job 1630: Train 5 Energy offset 0  $\sigma$*



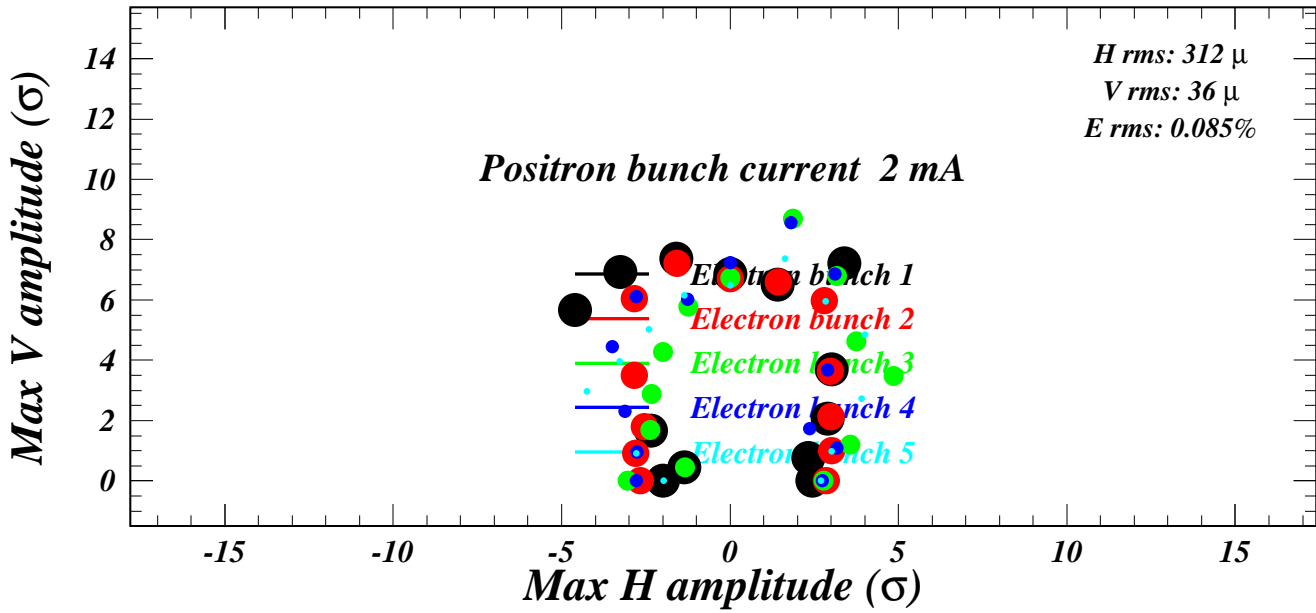
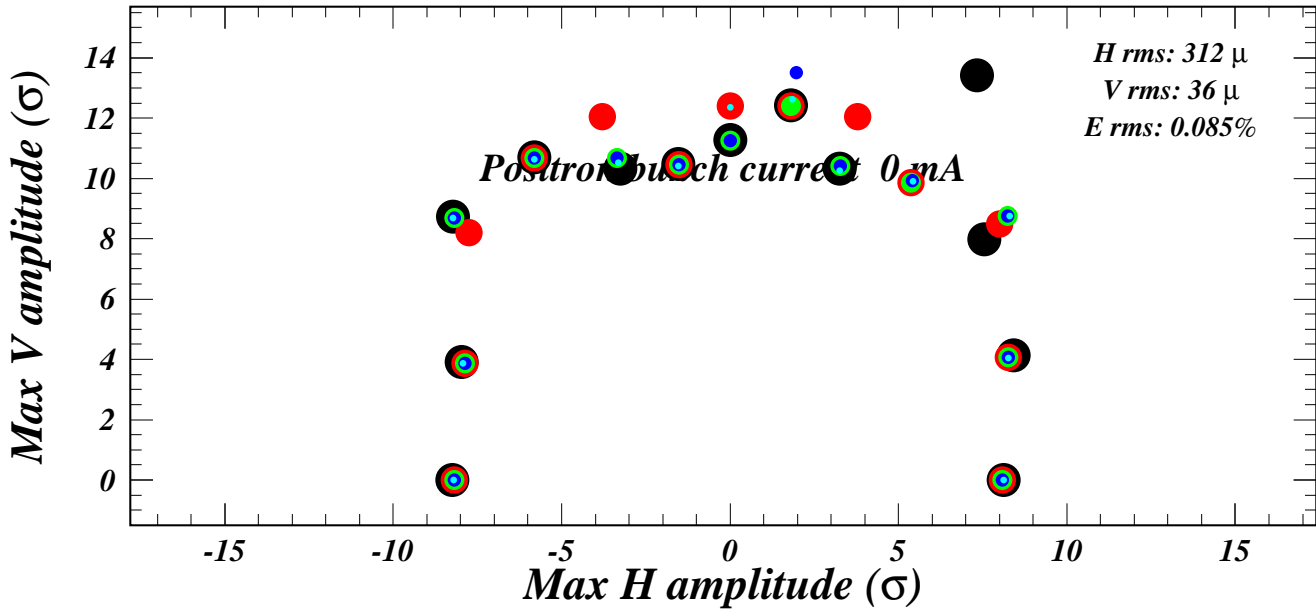
Dynamic Aperture Calculations for Job 1630: Train 5 Energy offset 3.5  $\sigma$



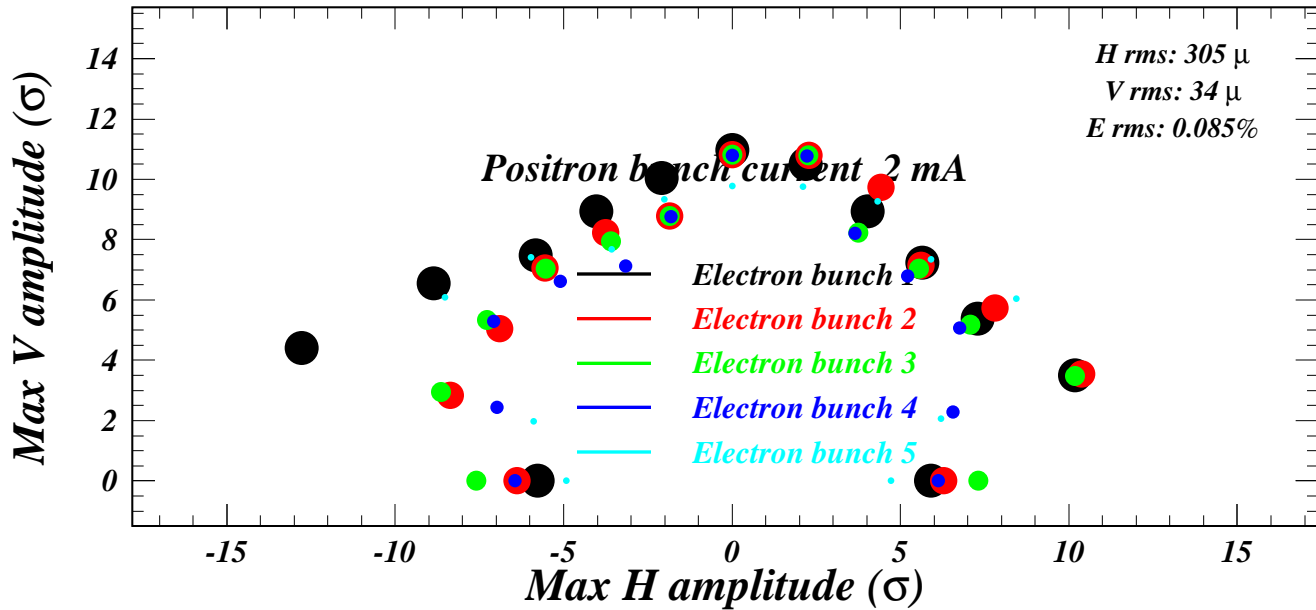
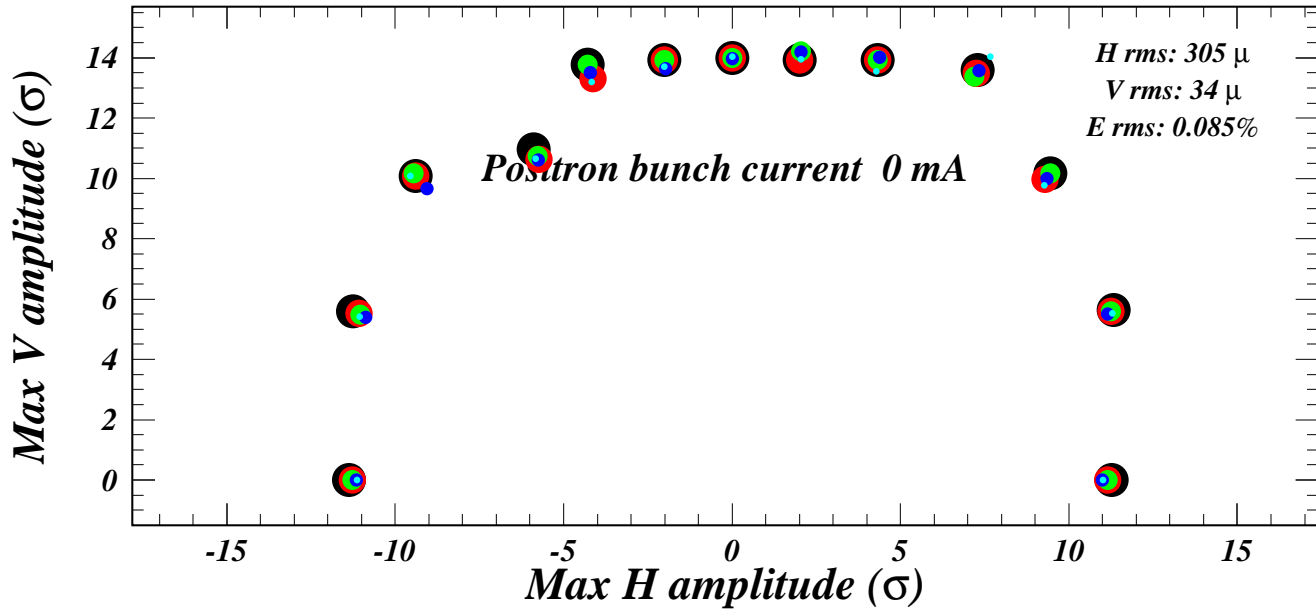
Dynamic Aperture Calculations for Job 1630: Train 6 Energy offset 0  $\sigma$



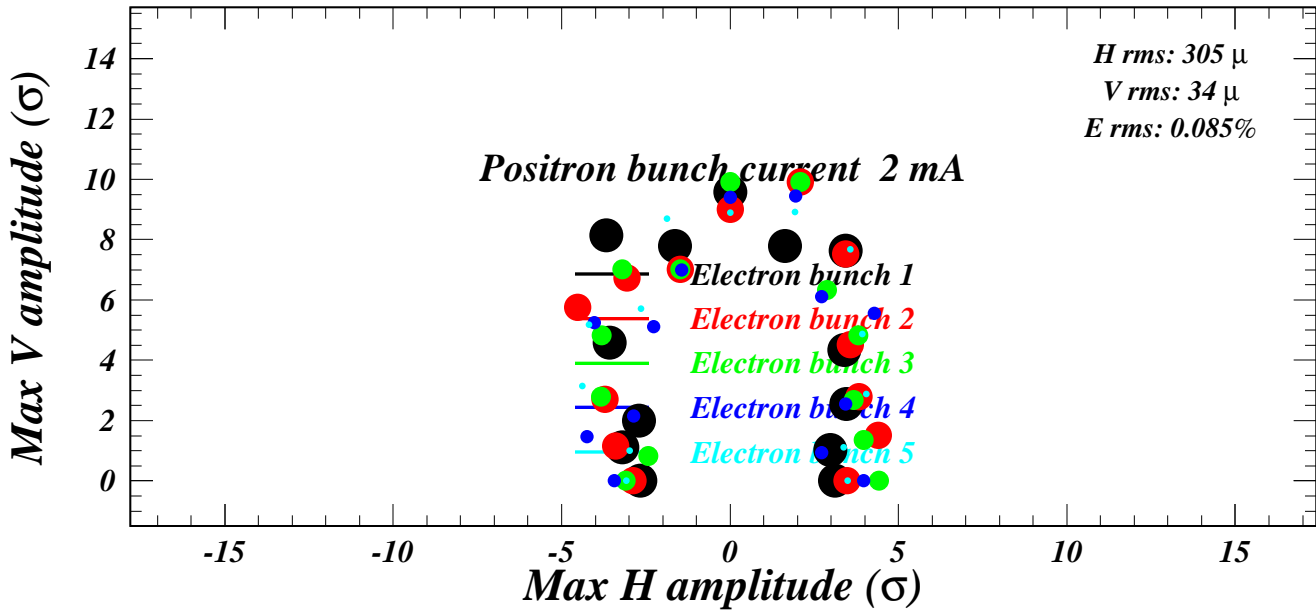
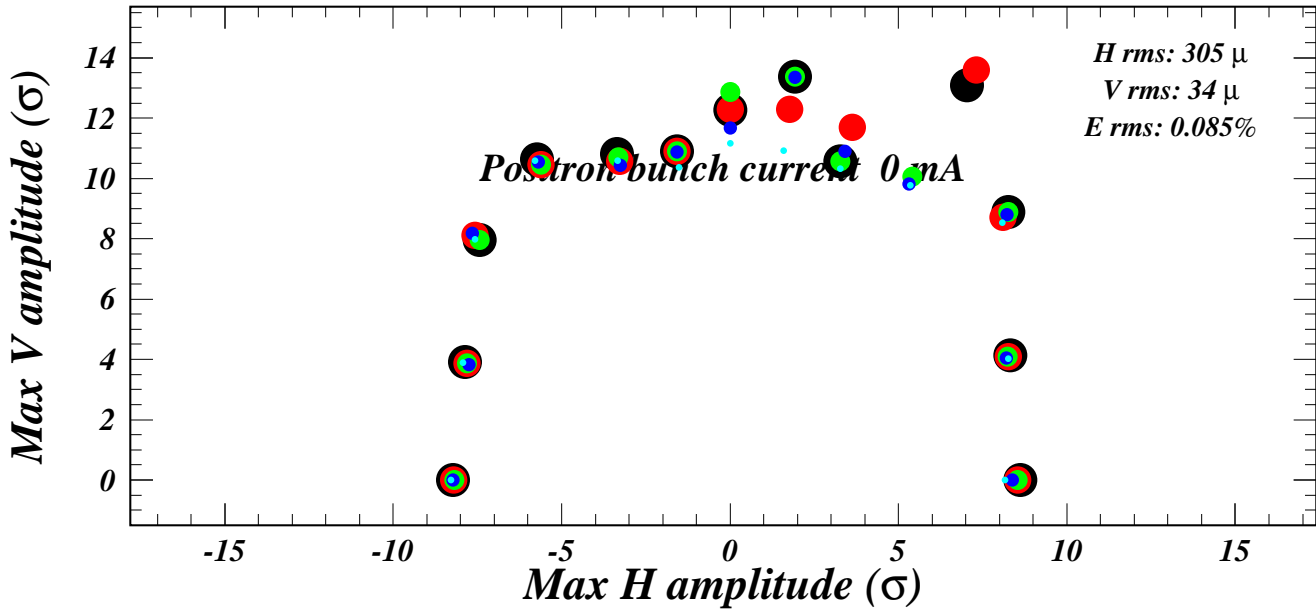
Dynamic Aperture Calculations for Job 1630: Train 6 Energy offset 3.5  $\sigma$



Dynamic Aperture Calculations for Job 1630: Train 7 Energy offset 0  $\sigma$

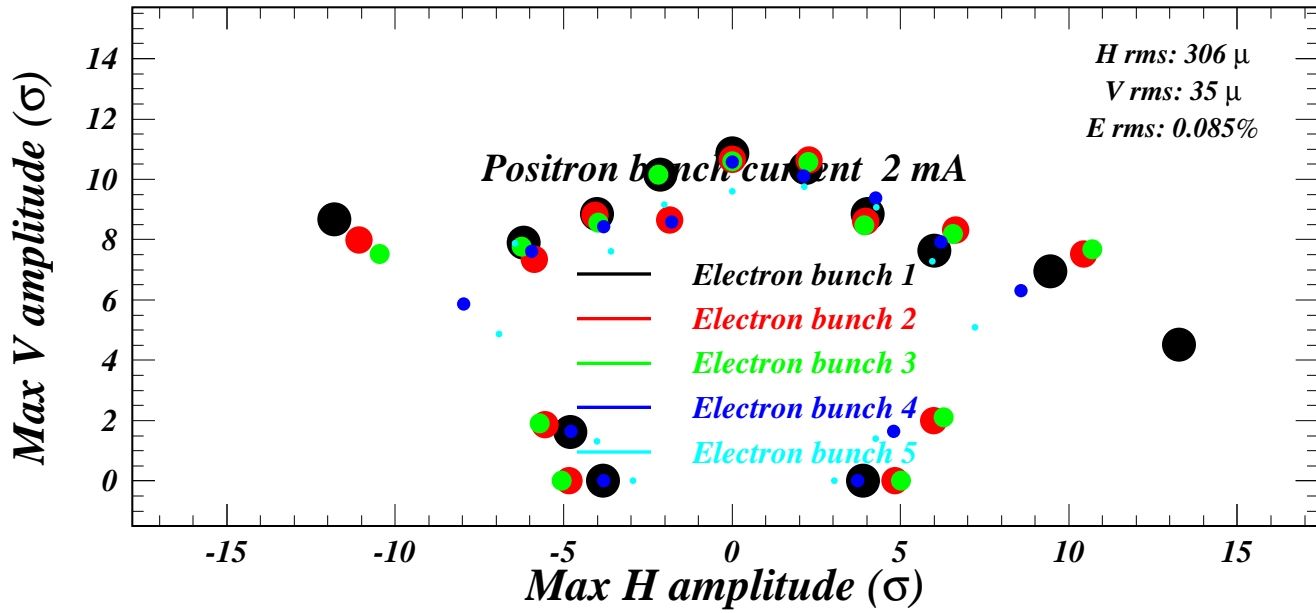
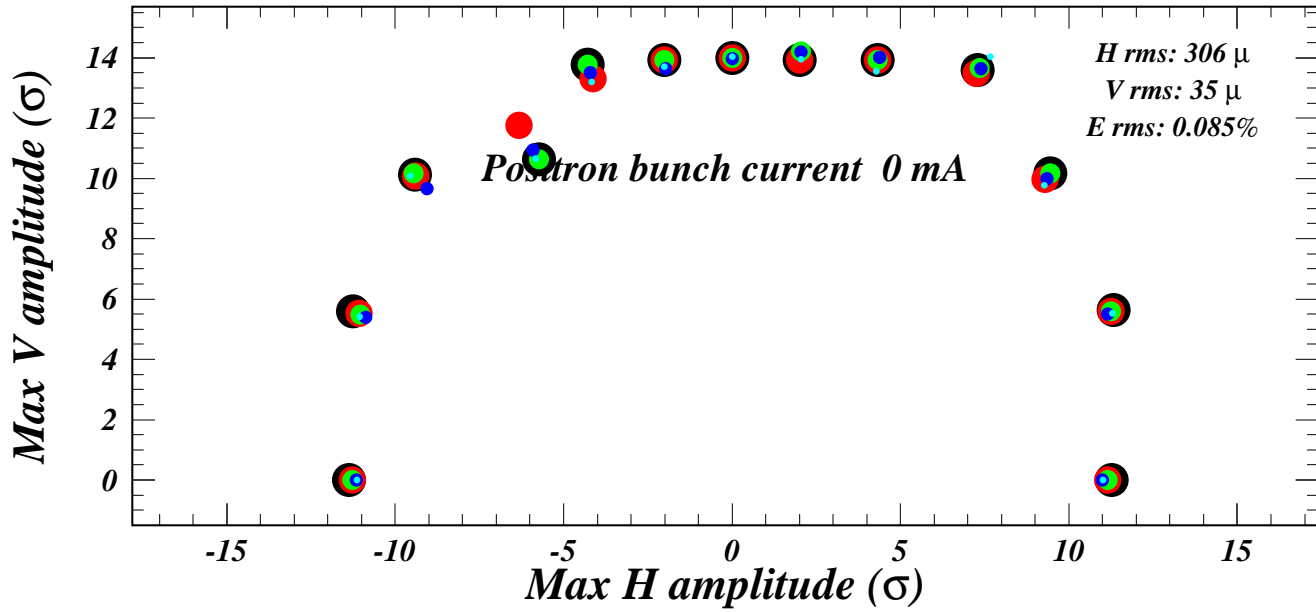


Dynamic Aperture Calculations for Job 1630: Train 7 Energy offset 3.5  $\sigma$

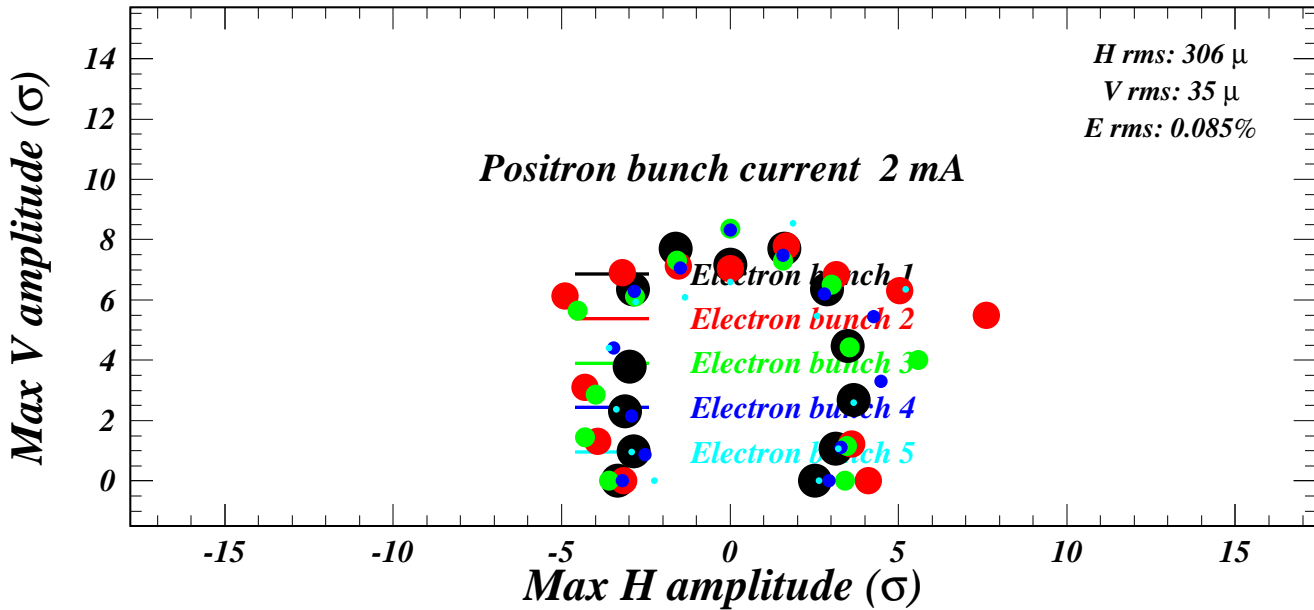
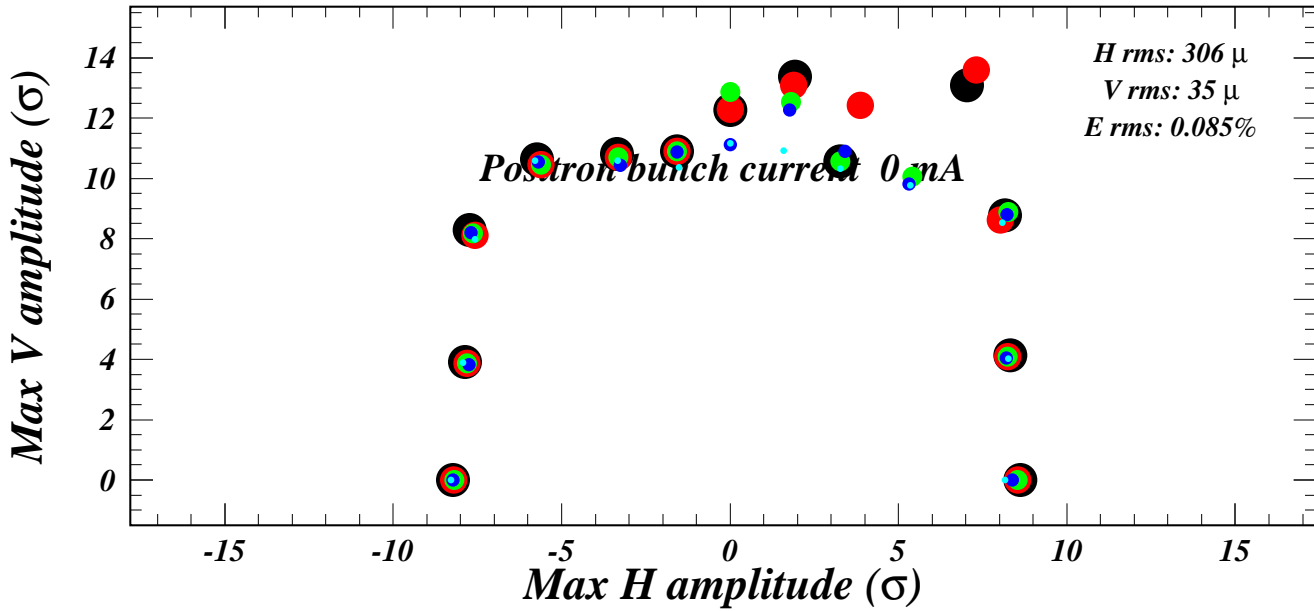




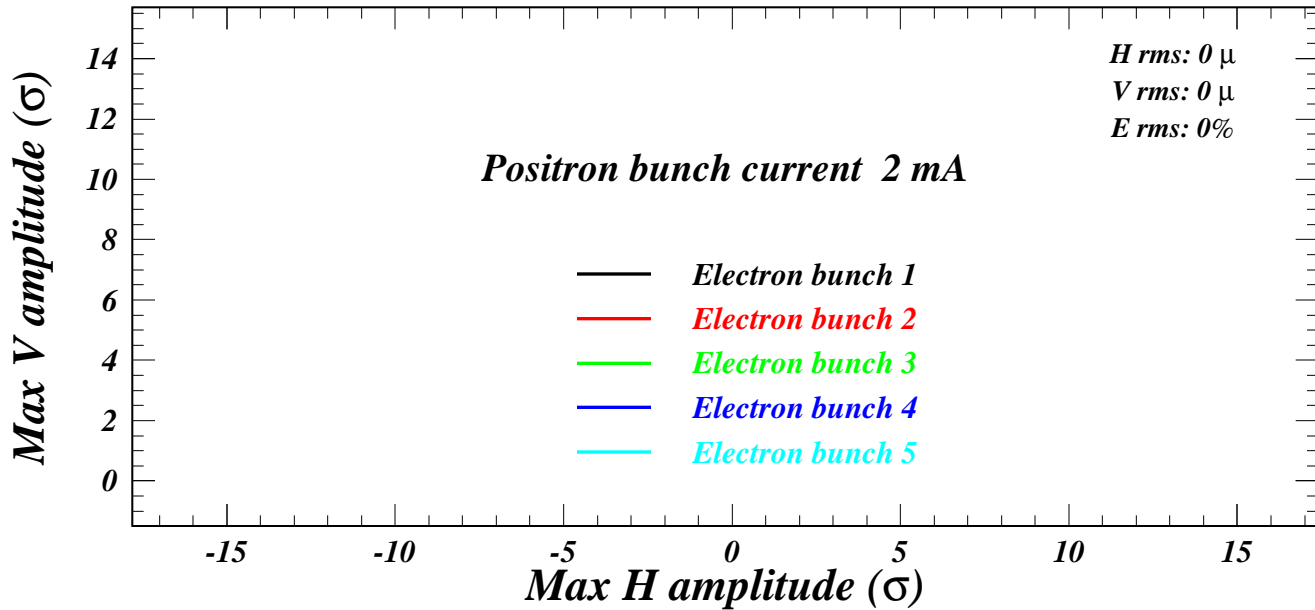
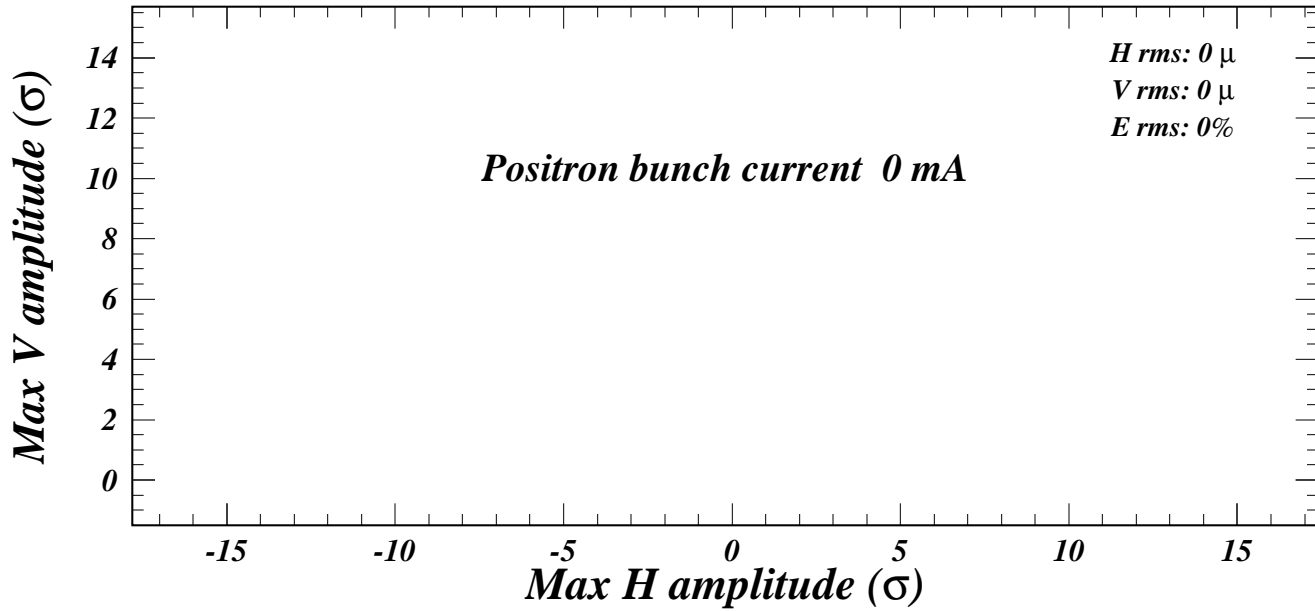
Dynamic Aperture Calculations for Job 1630: Train 8 Energy offset 0  $\sigma$



Dynamic Aperture Calculations for Job 1630: Train 8 Energy offset 3.5  $\sigma$



*Dynamic Aperture Calculations for Job 1630: Train 9 Energy offset 0  $\sigma$*



*Dynamic Aperture Calculations for Job 1630: Train 9 Energy offset 3.5  $\sigma$*

