

# Barrel TOF

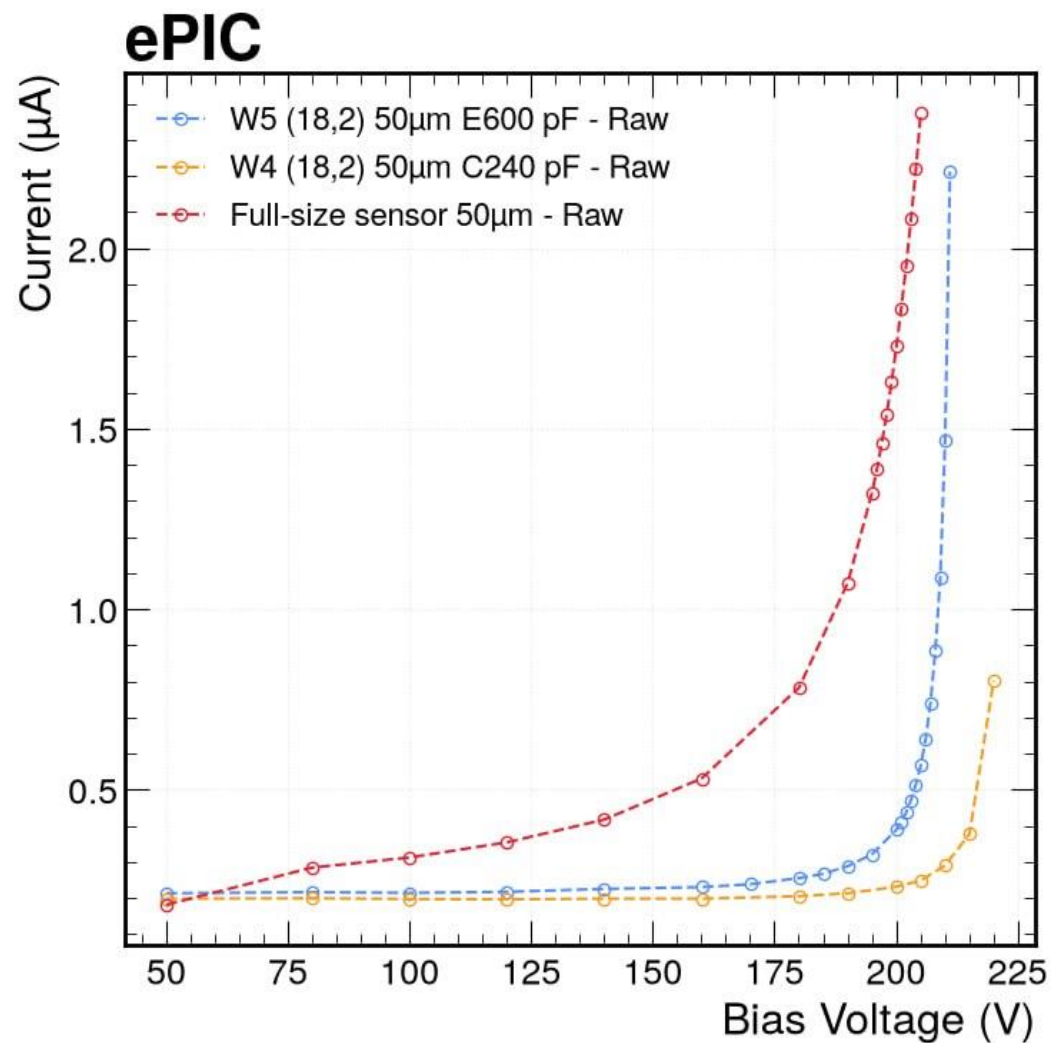
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# Full-Size Sensor Characterization

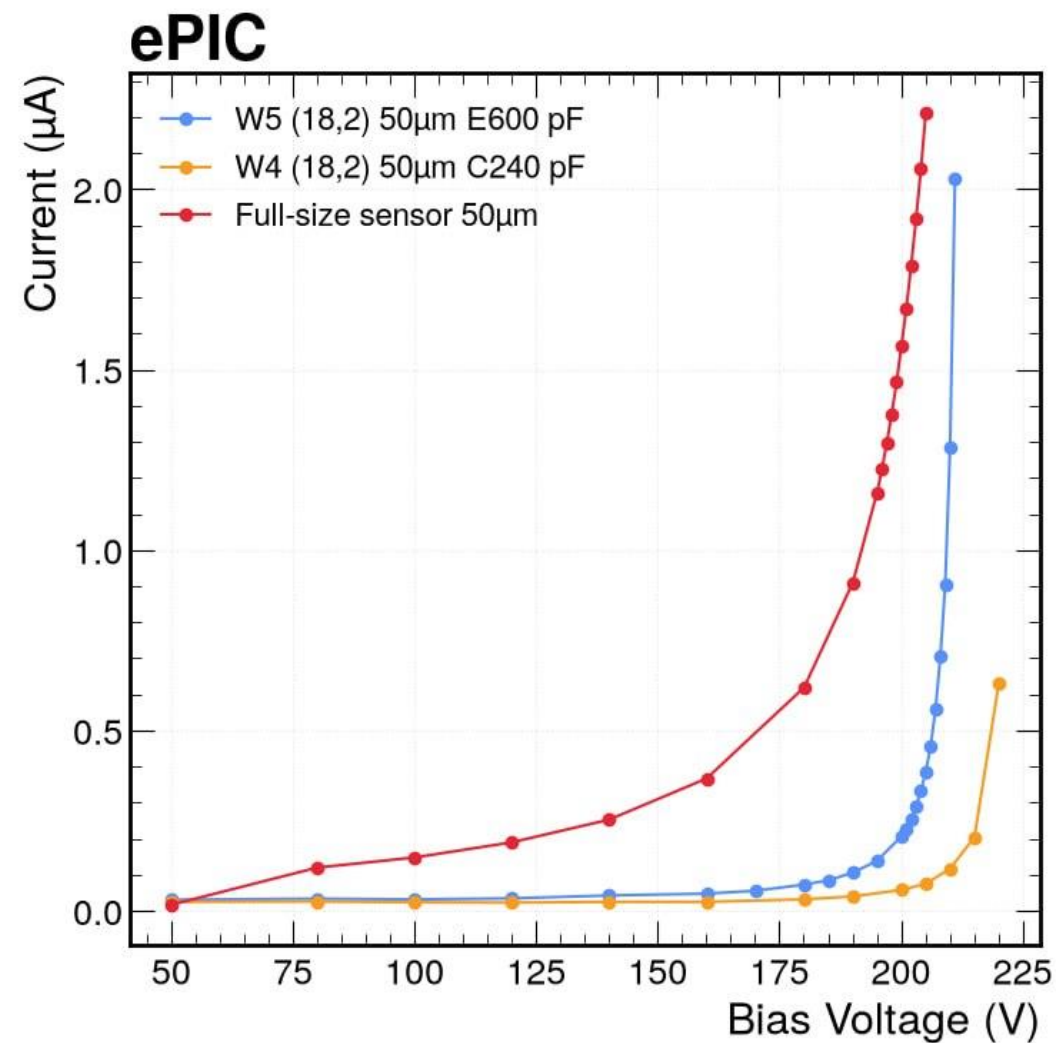
W4 (18,2) C240 pF 500  $\mu\text{m}$  pitch (FY23)

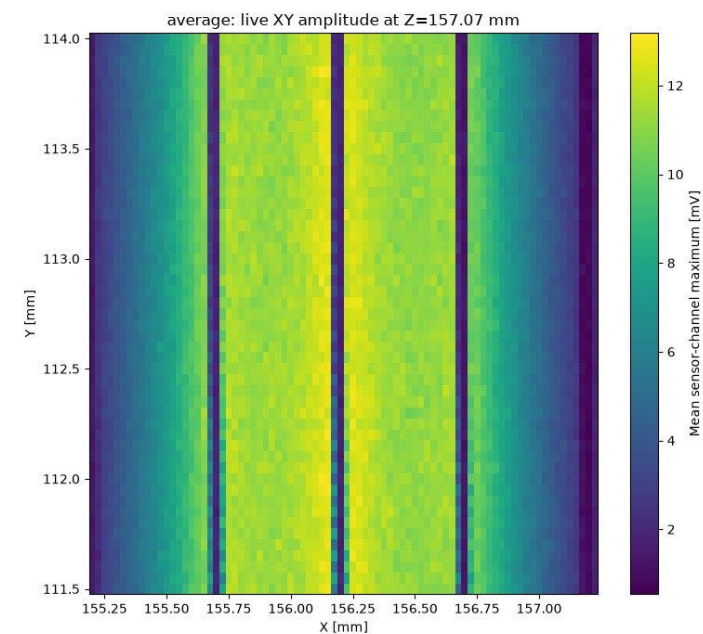
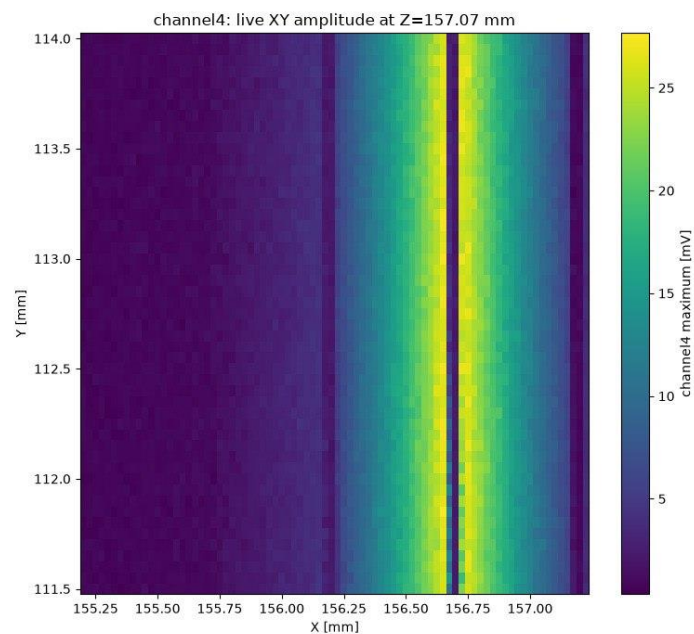
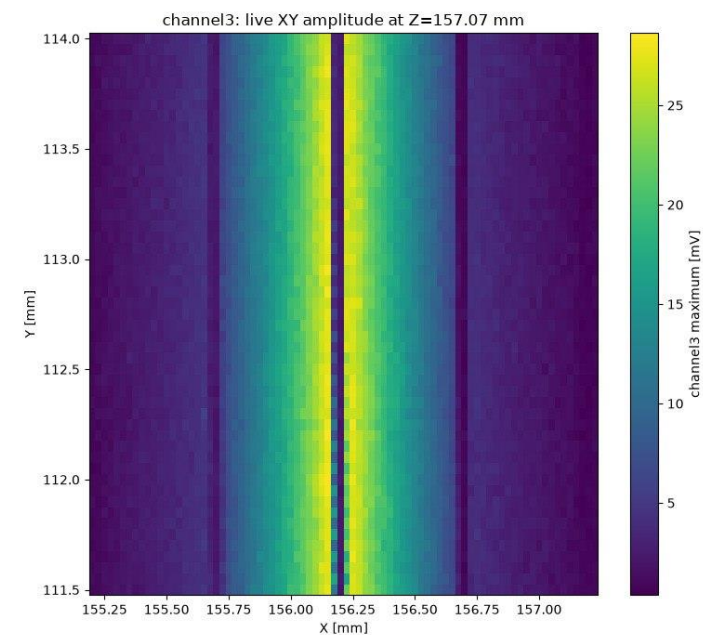
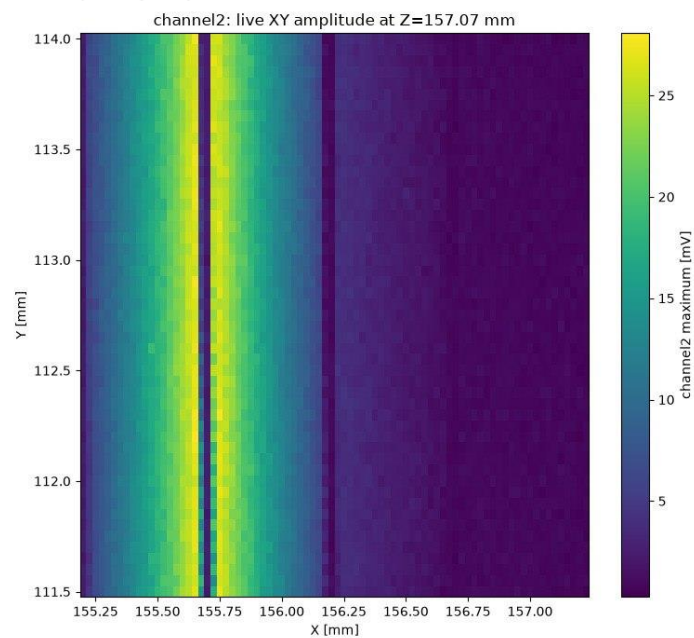
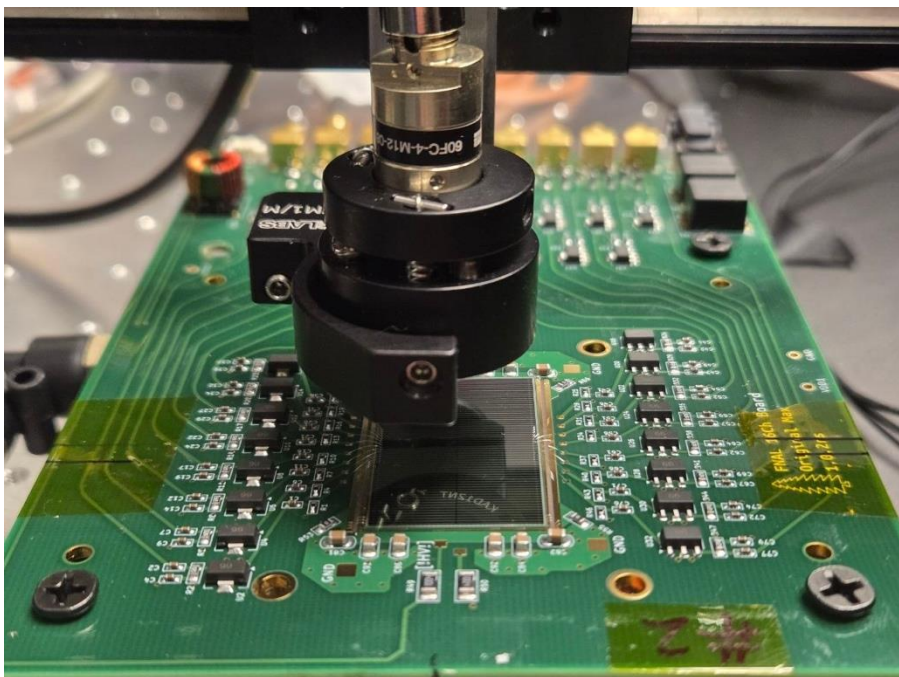
W5 (18,2) E600 pF 500  $\mu\text{m}$  pitch (FY23)

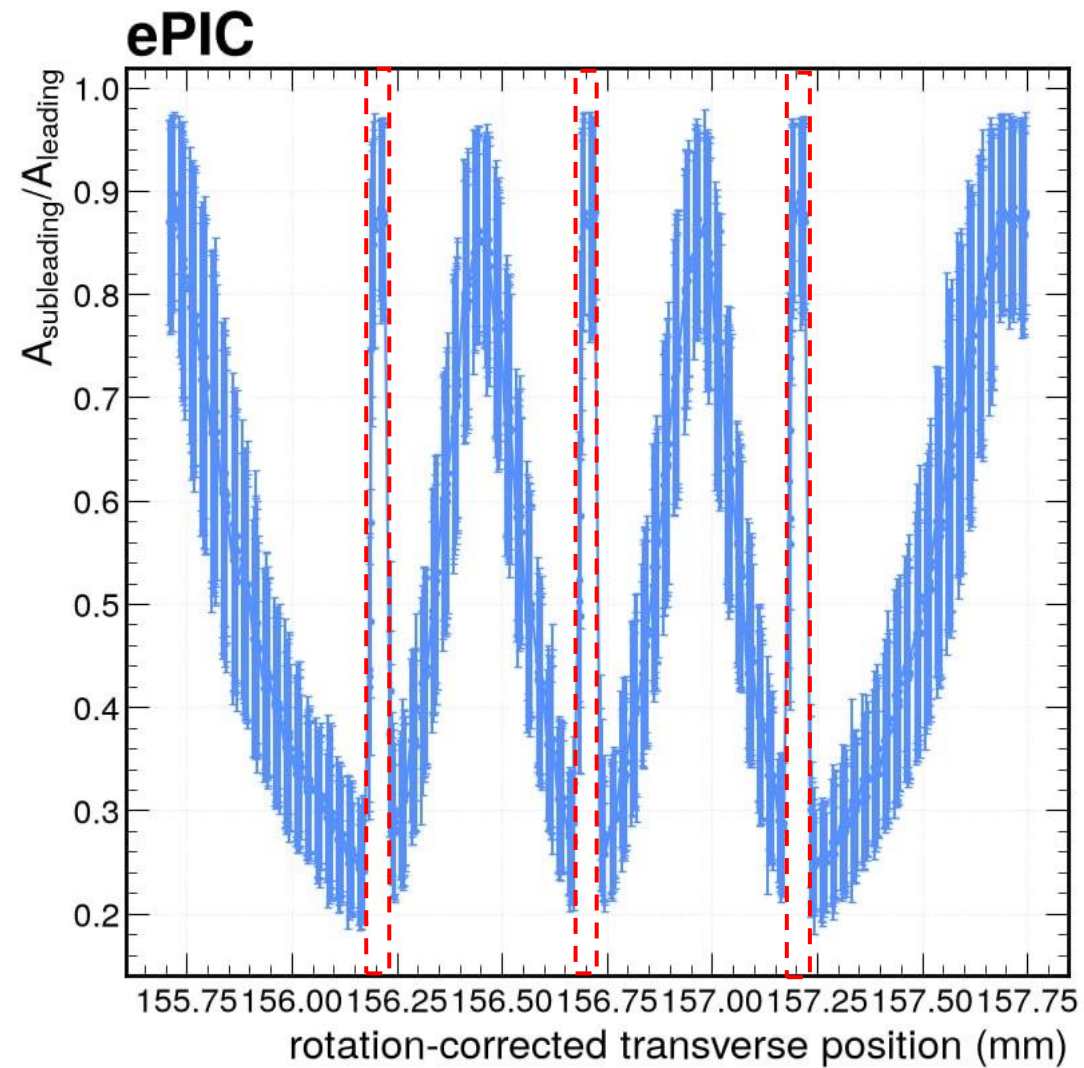
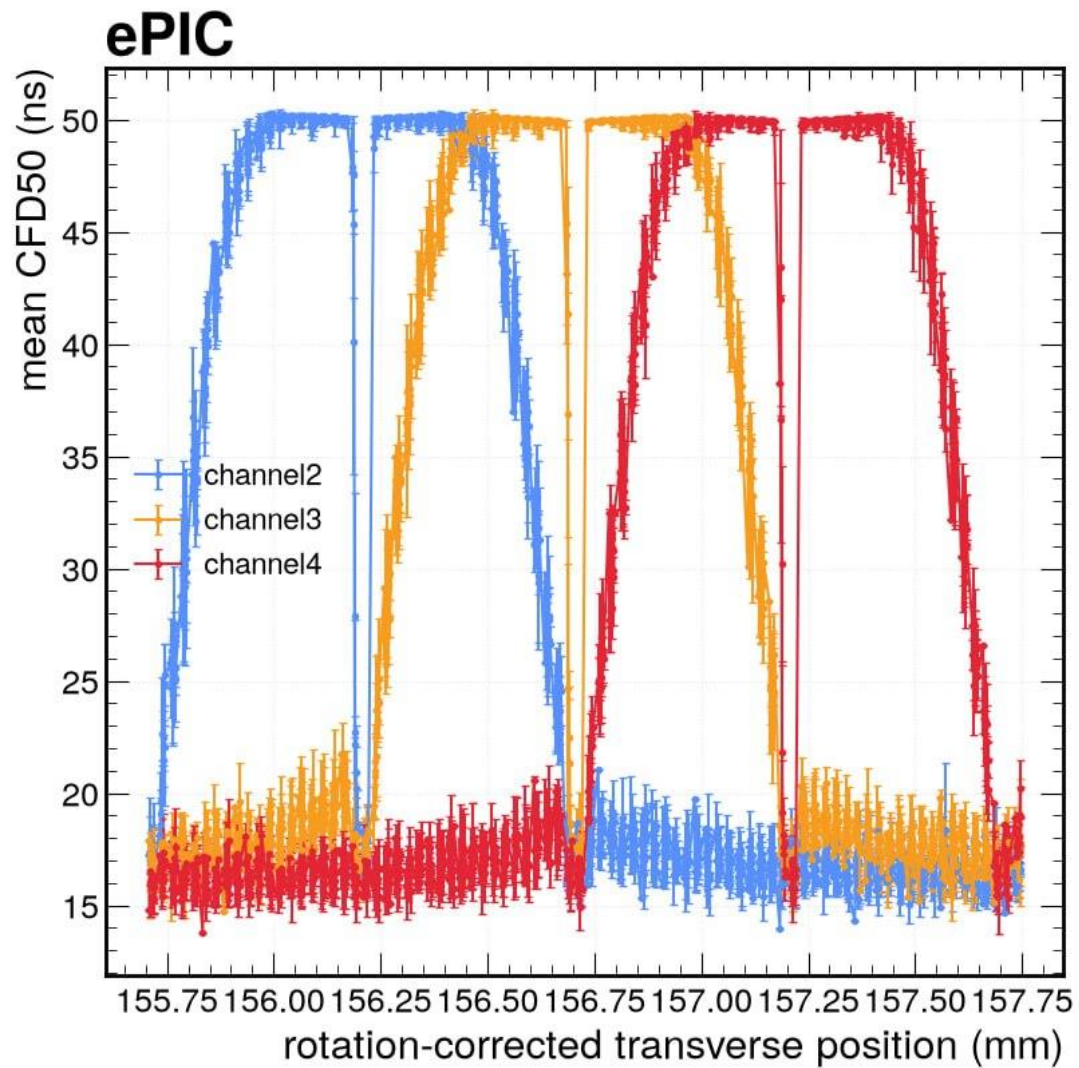
Raw CAEN Measurement



Zero-Current Subtracted







# Summary

- The board has been resoldered
- IV curve has been measured and compared to the 1cm long FY23 sensors
- Started TCT scan and analysis
  - CFD 50 extracted across the strips
  - Subleading/leading strip amplitude ratios
- Next steps
  - Estimate jitter
  - Estimate position and time resolution