

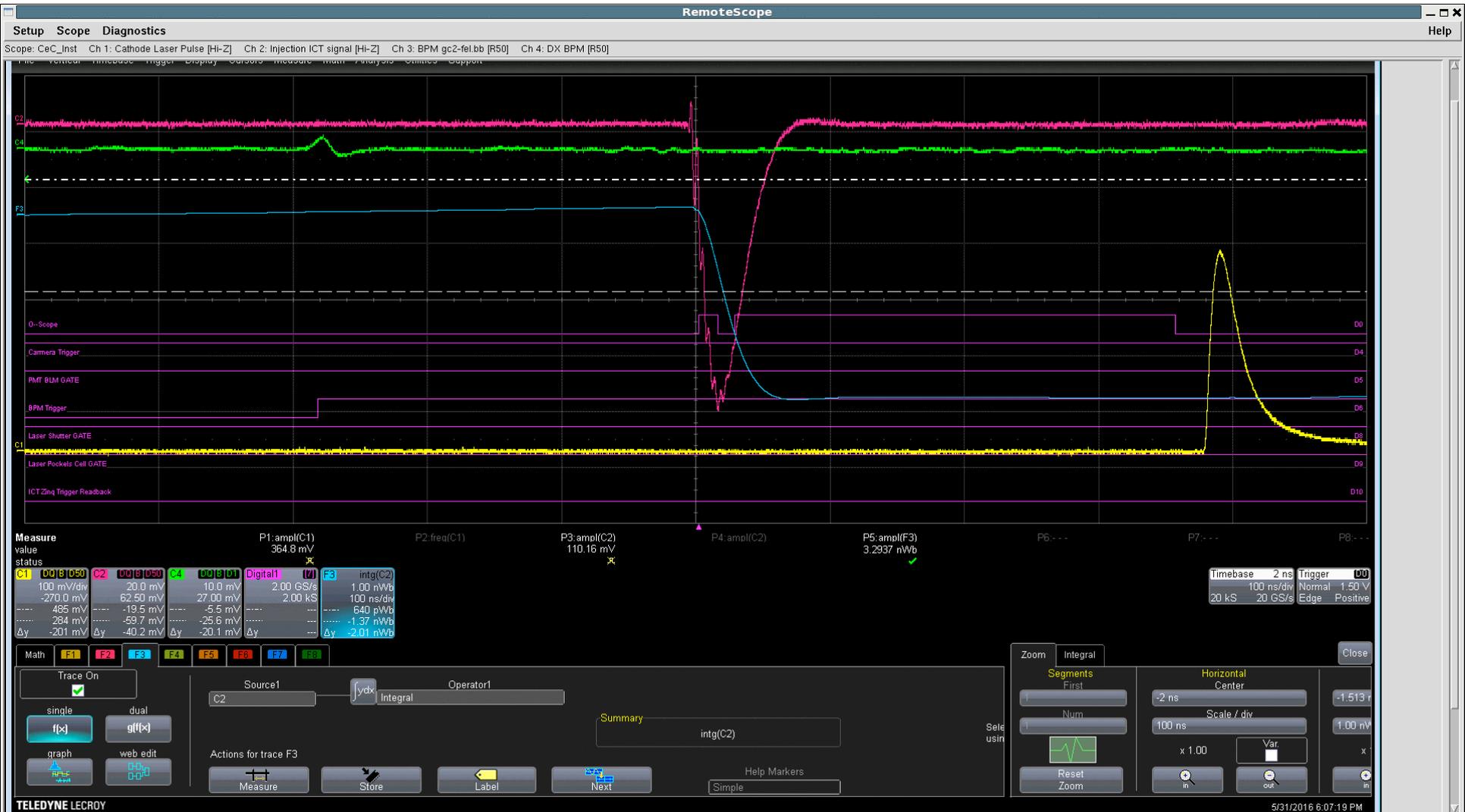
# CeC PoP Experiment

June 7, 2016

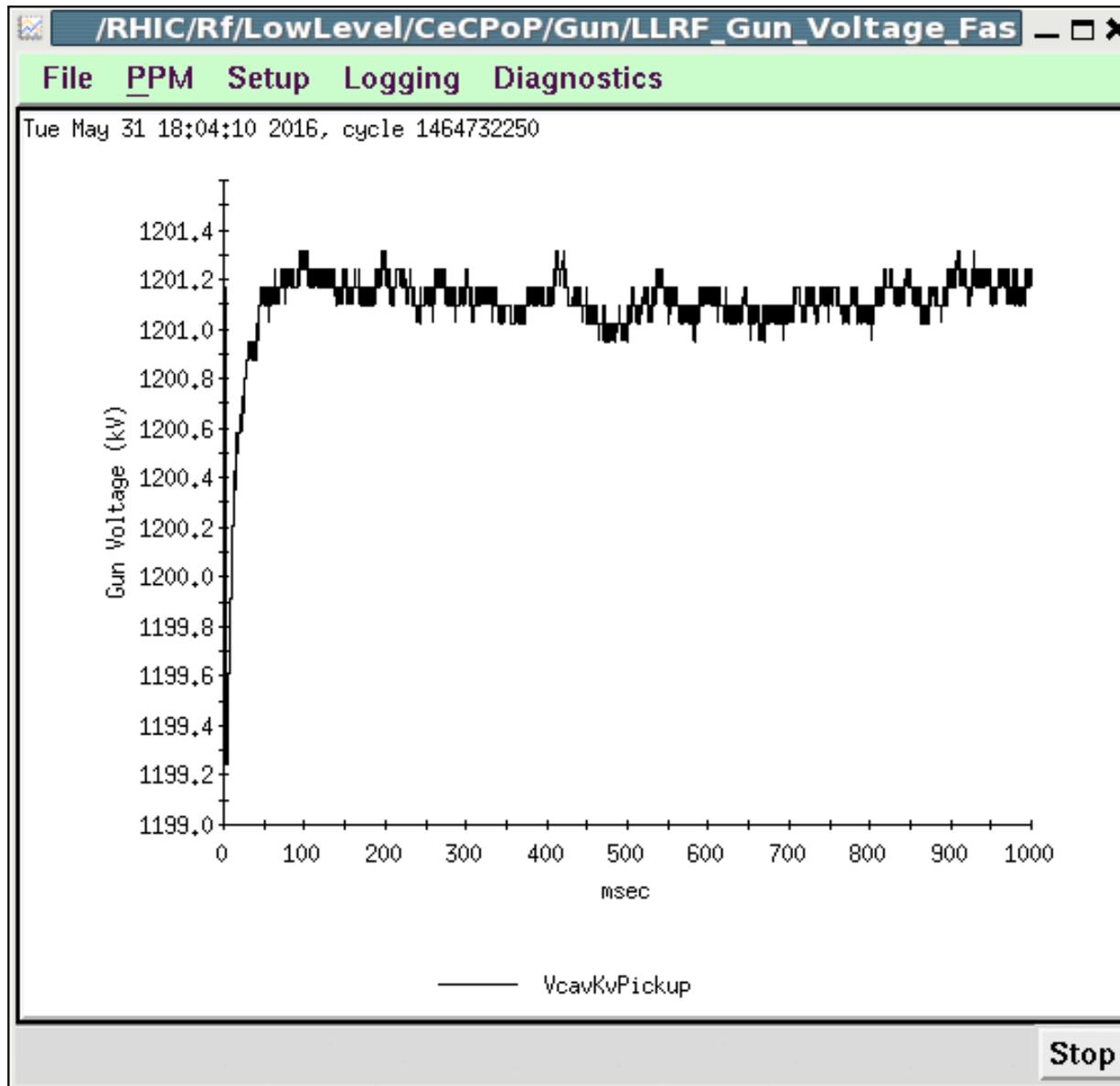
# Project Progress

- After unsuccessful attempt to repair the piezo tuner we changed the goal for Run16. We would like to propagate 78 kHz beam to the high power beam dump
- New cathode showed 4 nC charge, 300 pC presently
- We configured charged monitoring system and start continuously logging charge data
- Insulating vacuum issues with 704 MHz are resolved

# 4 nC Charge



# Beam Loading of CeC Gun



# What's Next

- Finish development of operational set-up (fixed optics and energy)
- We will try to propagate beam to the high power dump
- We plan to open wigglers gap on Wednesday
- We will start on checking MPS operation (interlocks on beam current, beam position)