OROC Commissioning

Harrison Ritchie-Yates

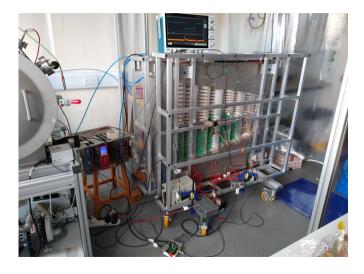
14th of October, 2020

__/plots/IndivRuns_AllSgl_Clean_tamfindtivBeVisAndllSgldeClean_tamfiltivBeldeClean_tamfiltivBeldeClean_tamfiltBeldeClean

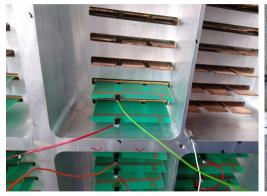
Introduction

- We are back in the lab and beginning the OROC commissioning!
- ▶ We are flushing with Ar/CO2 90%10% gas mix.
- Everything still works as is connected properly.
- ► Signals with injected pulses look reasonable.
- ▶ We are now taking data with Cs137.
- ▶ The following give an overview of the current setup.

OROC test box setup

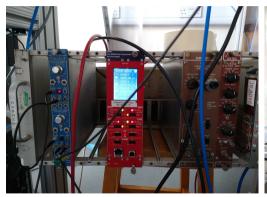


Reading out only 1 card via an HPTPC preamp

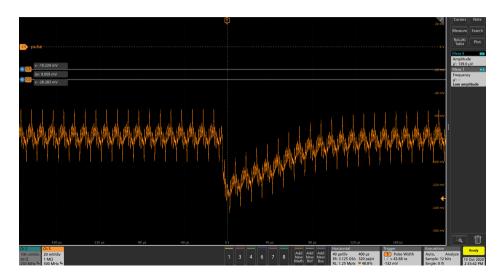




Signals with injected pulses look as expected







Next steps

- ► Continuing to take data with Cs137 to find ideal voltage settings.
- Working on reducing noise.
- ▶ Then taking data with Fe55.

The field line terminator is now complete



