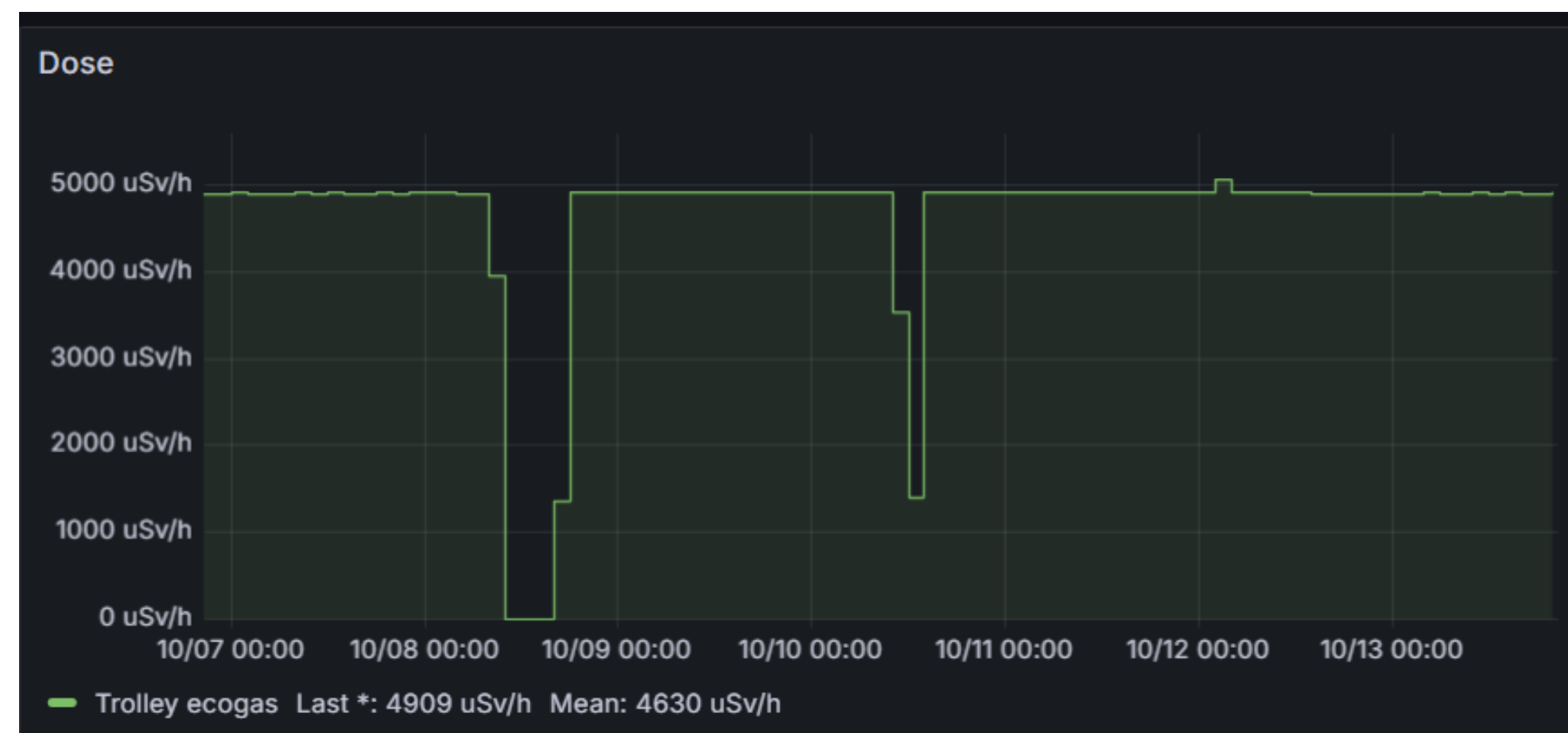
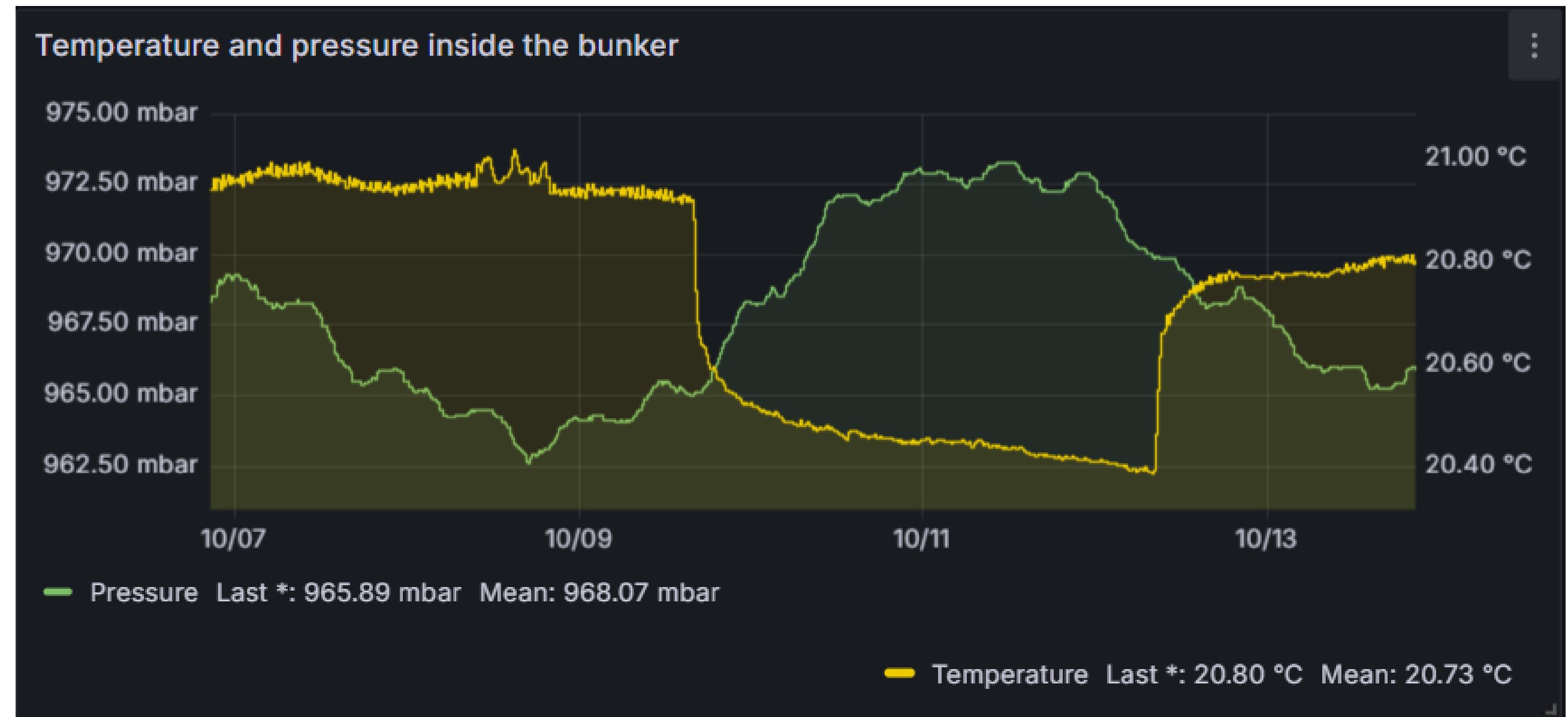


RPC eco-gas at GIF++ Weekly report

Barbara Liberti and Marco Sessa
October 7-14th, 2025

Environmental parameters for full week



- Humidity: 2.5 °C excursion
- Dose: 1 short decrease, due to switch-off source

Stability runs

Stability run registry

Run ID	Start time	End time/Last action	Duration	Comment	Status
0319	2025-10-09 19:03	2025-10-13 20:57	4 days, 1 hours, 53 minutes	New Stability Run ECO2 GasMixture ABS 2.2 at start - Restart...	ONGOING
0318	2025-10-08 21:22	2025-10-09 18:33	0 days, 21 hours, 10 minutes	New Stability Run ECO2 GasMixture ABS 2.2 at start...	FINISHED
0317	2025-10-04 10:08	2025-10-08 12:01	4 days, 1 hours, 53 minutes	...	FINISHED

- All chambers included: RE-1-1, KODEL, EPDT-RPC25, ALICE2-2
- First Stability Run interrupted due to a logger crash, restarted with whatch-dog instructions, new Run launched
- Few entries in the checklist
- Alice Chamber has an increasing current 10 micA/1 week – Io set to 50 micA !

Stability run 318-319



Stability run 318-319



HV scan 1252

Wednesday 8th October

HVscan - ID 001252

Scan overview

Voltages

Log file

ROOT Browser

Plots

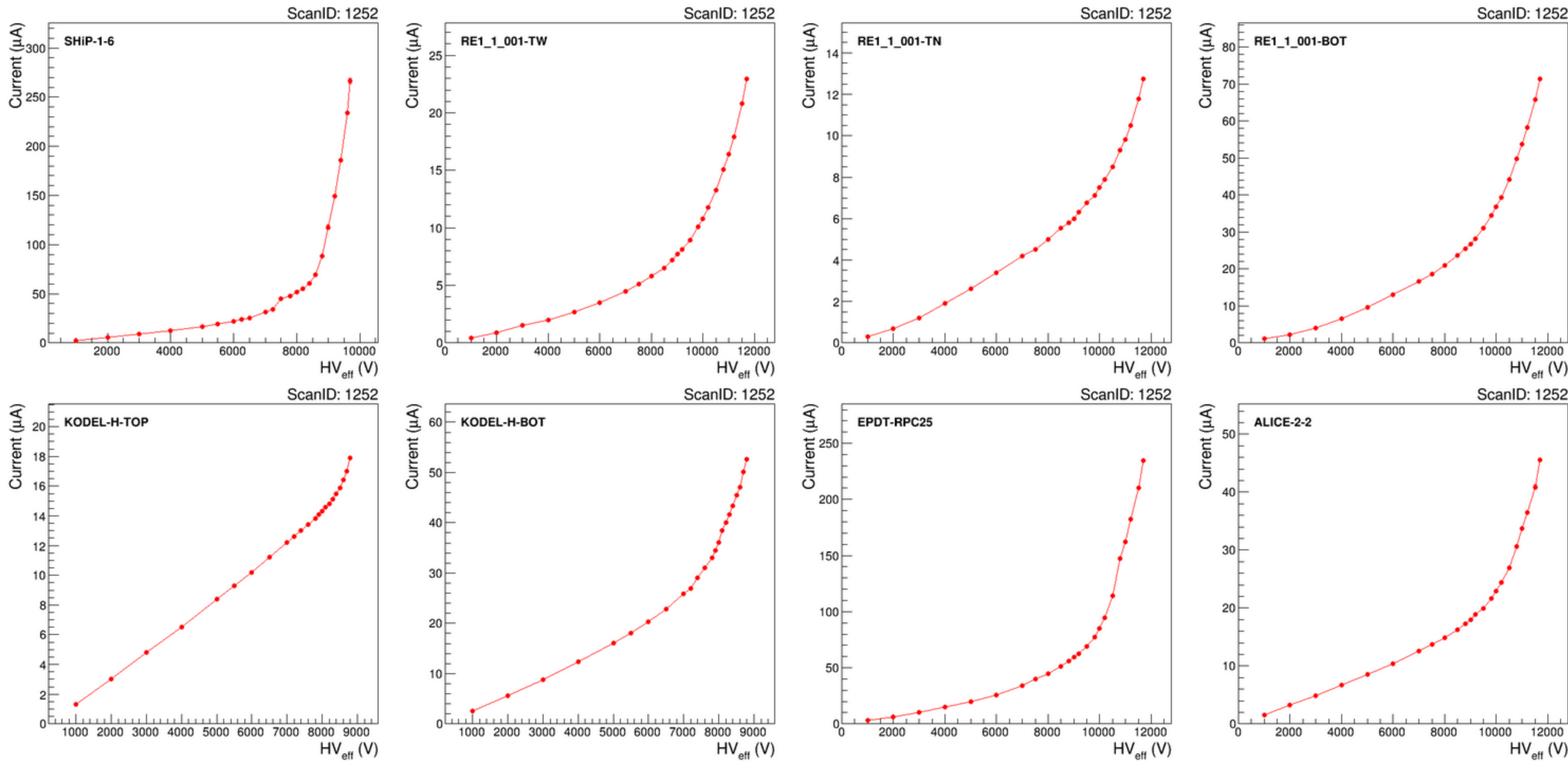
DQM CAEN

DQM DIP

HV point 1

▼

Make/update plots



HV scan 1253

Wednesday 8th October

HVscan - ID 001253

Scan overview

Voltages

Log file

ROOT Browser

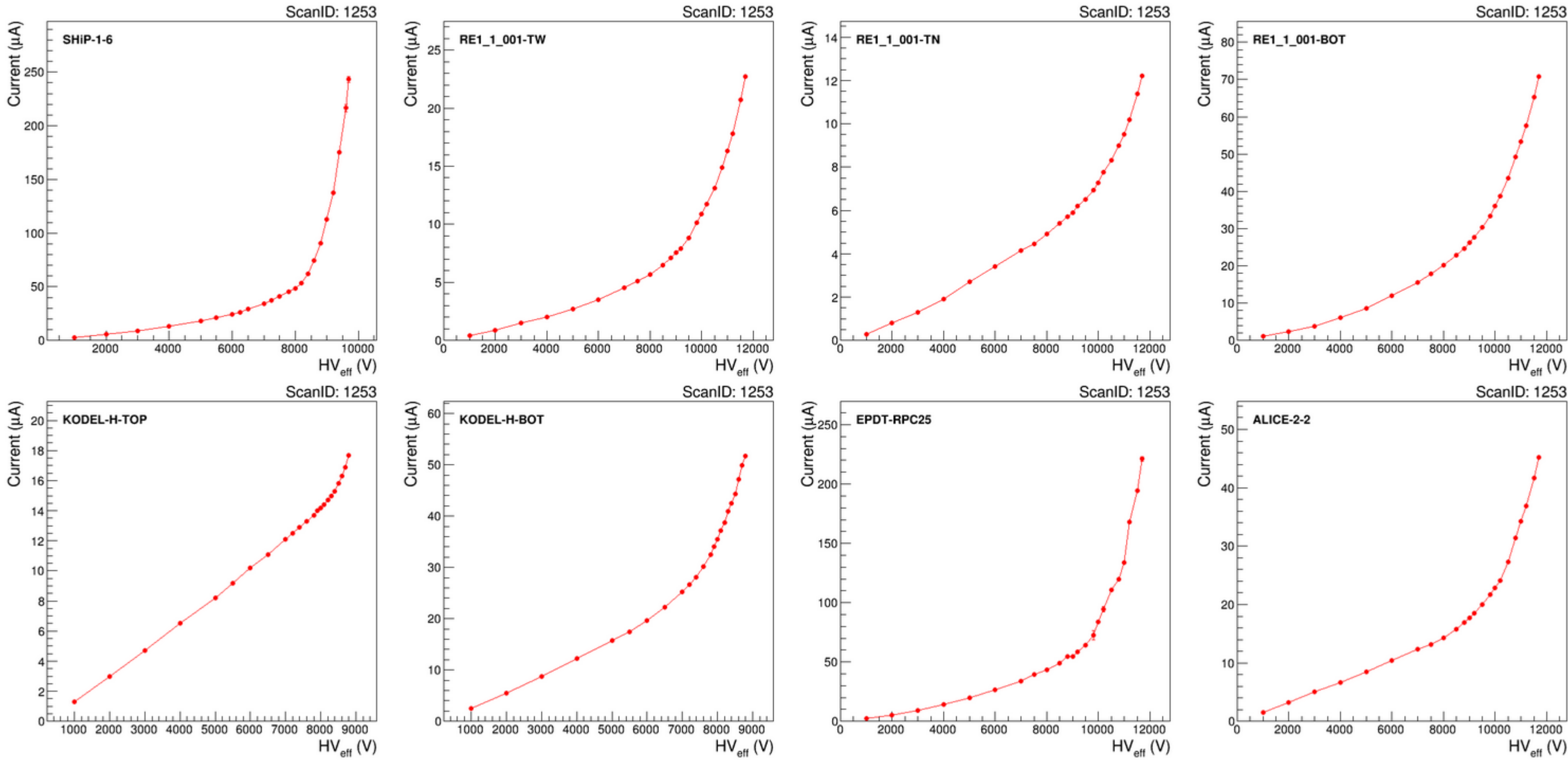
Plots

DQM CAEN

DQM DIP

HV point 1

Make/update plots



Instructions for the next shifter

Detectors to be included: ALICE, EPDT, RE1-1, SHiP, KODEL-H

For current scan use template run **ID 001253**

For stability scan use template run **ID 0319** —> i0 to be changed manually

Stability - Run ID 0319

Summary	Run config	Log file	Monitoring	Plots	ALICE-2-2 ▼	
Chamber/gap	Enabled	Working voltage (V)	Standby voltage (V)	i0 (uA)	Attenuator standby	
ALICE-2-2	✓	10600	6500	50	1 (111)	▼
EPDT-RPC25	✓	6000	5000	50	1 (111)	▼
SHiP-1-6	✓	3000	3000	30	1 (111)	▼
RE1_1_001-BOT	✓	10600	6500	100	1 (111)	▼
RE1_1_001-TN	✓	10600	6500	100	1 (111)	▼
RE1_1_001-TW	✓	10600	6500	100	1 (111)	▼
KODEL-H-BOT	✓	8100	5000	60	1 (111)	▼
KODEL-H-TOP	✓	8100	5000	60	1 (111)	▼