

# Report Stability Shift

## 16-23/10/2023

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# Summary

LOGGING	16/11/2023	17/11/2023	18/11/2023	19/11/2023	20/11/2023	21/11/2023	22/11/2023	23/11/2023
<b>Grafana alarms</b>	reboot	reboot	Ok	Ok	Ok	Reboot	Reboot	Reboot
MIXER								
<b>HFO used</b>	998L	1110L	1180L	1290L	1390L	1450L	1580L	1660L
GENERAL								
<b>Upstream ABS:</b>	2.2	2.2	2.2	2.2	2.2	2.2	OFF	2.2
<b>ALICE Hvapp</b>	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
<b>ATLAS Hvapp</b>	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
<b>SHiP Hvapp</b>	8.53	8.6	8.6	8.6	8.54	8.53	scan	8.62
<b>CMS Hvapp</b>	10.27	10.36	10.37	10.34	10.29	10.27	scan	10.38-10.39 -10.38
<b>EPDT Hvapp</b>	8.72	8.79	8.8	8.78	8.74	8.72	scan	8.82
<b>KODEL H Hvapp</b>	7.46	7.52	7.53	7.51	7.47	7.46	scan	7.54
<b>ALICE currents</b>	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
<b>ATLAS currents</b>	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
<b>SHiP currents</b>	124.1	129.1	138.6	121.9	119	120.1	scan	112.4
<b>CMS currents</b>	19.6	6.8-3.8-19.2	6.6-3.7-18.8	6.7-3.8-19	6.6-3.7-18.8	6.5-3.7-18.7	scan	6.2-3.5-17.7
<b>EPDT Hvapp</b>	8.3	8.24	8.24	7.45	7.1	6.83	scan	6.37
<b>KODEL H Hvapp</b>	9.9/10.7	9.9-10.9	9.8-11.14	9.8-10.93	9.7-11.1	9.6-11.10	scan	9.4-10.75

# Notes

- FlowView logger and the logger of input gas flows crashed several times
- No connection to epdt-rasp8 today
- WET flow panel not responding well

# Runs

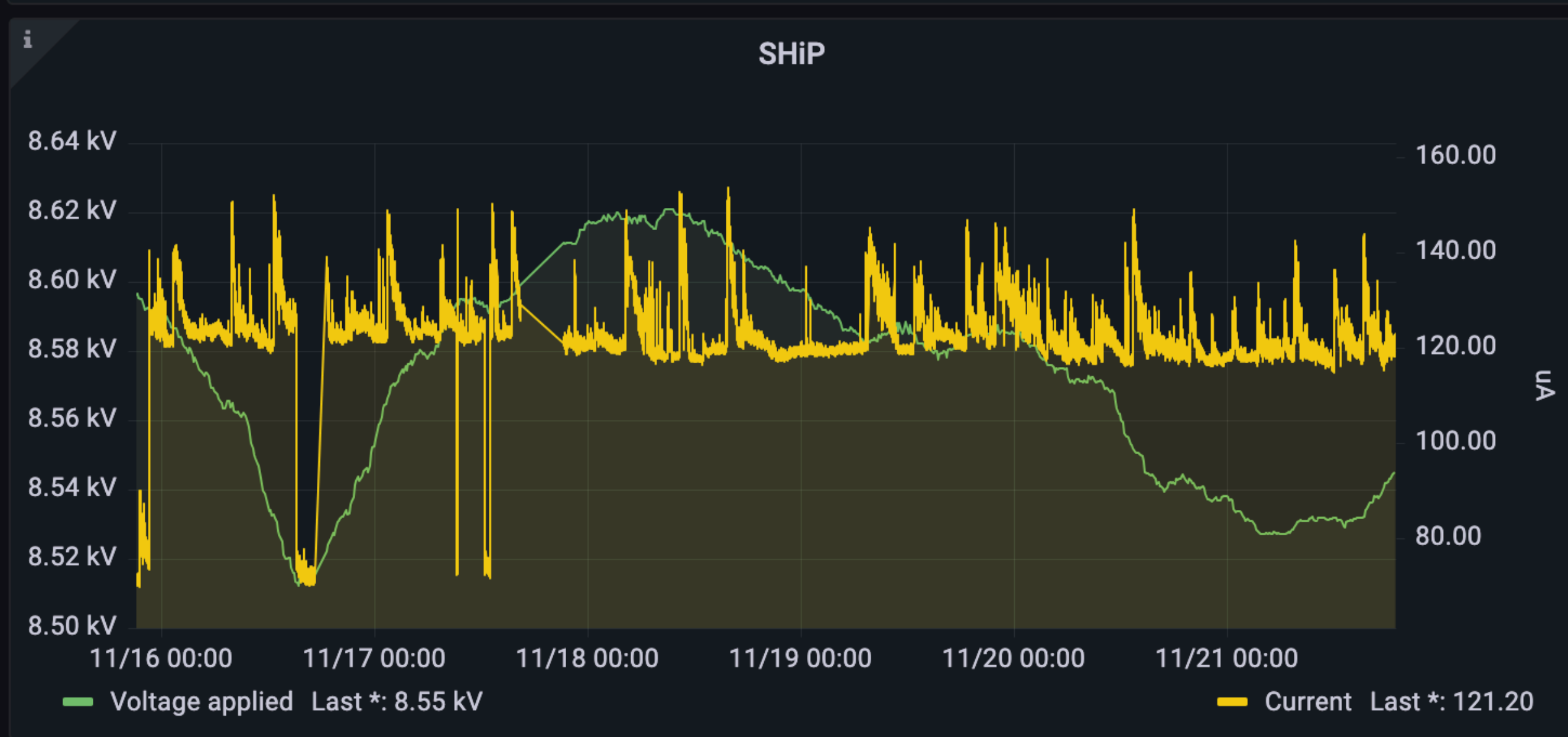
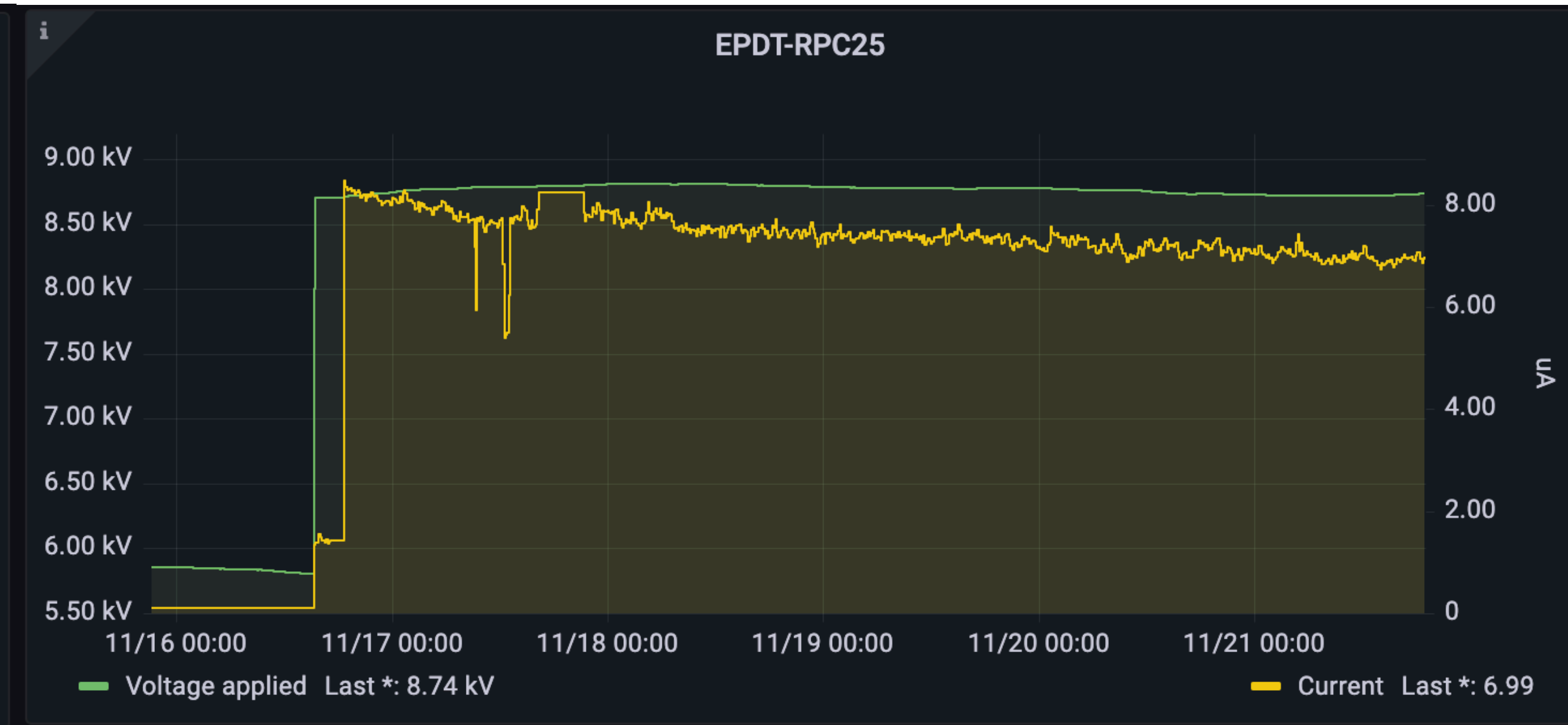
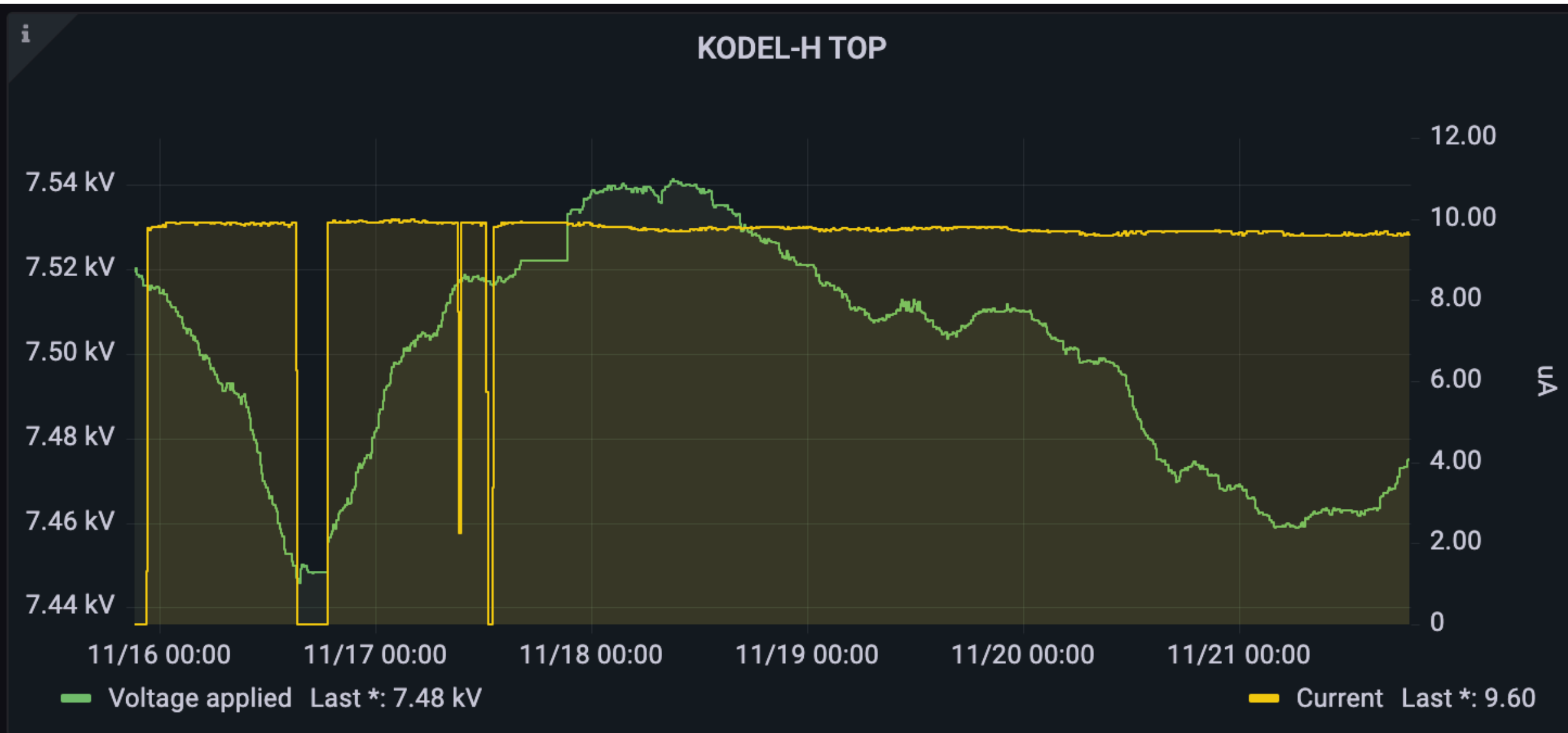
## Stability runs

Run ID	Start time	End time/Last action	Duration	Comment	Status
0194	2023-11-23 09:09	2023-11-23 14:14	0 days, 5 hours, 5 minutes	eco2 epdt, ship, RE1_1, kodel H...	ONGOING
0193	2023-11-15 17:40	2023-11-22 10:06	6 days, 16 hours, 26 minutes	ECO2 stability restart...	FINISHED

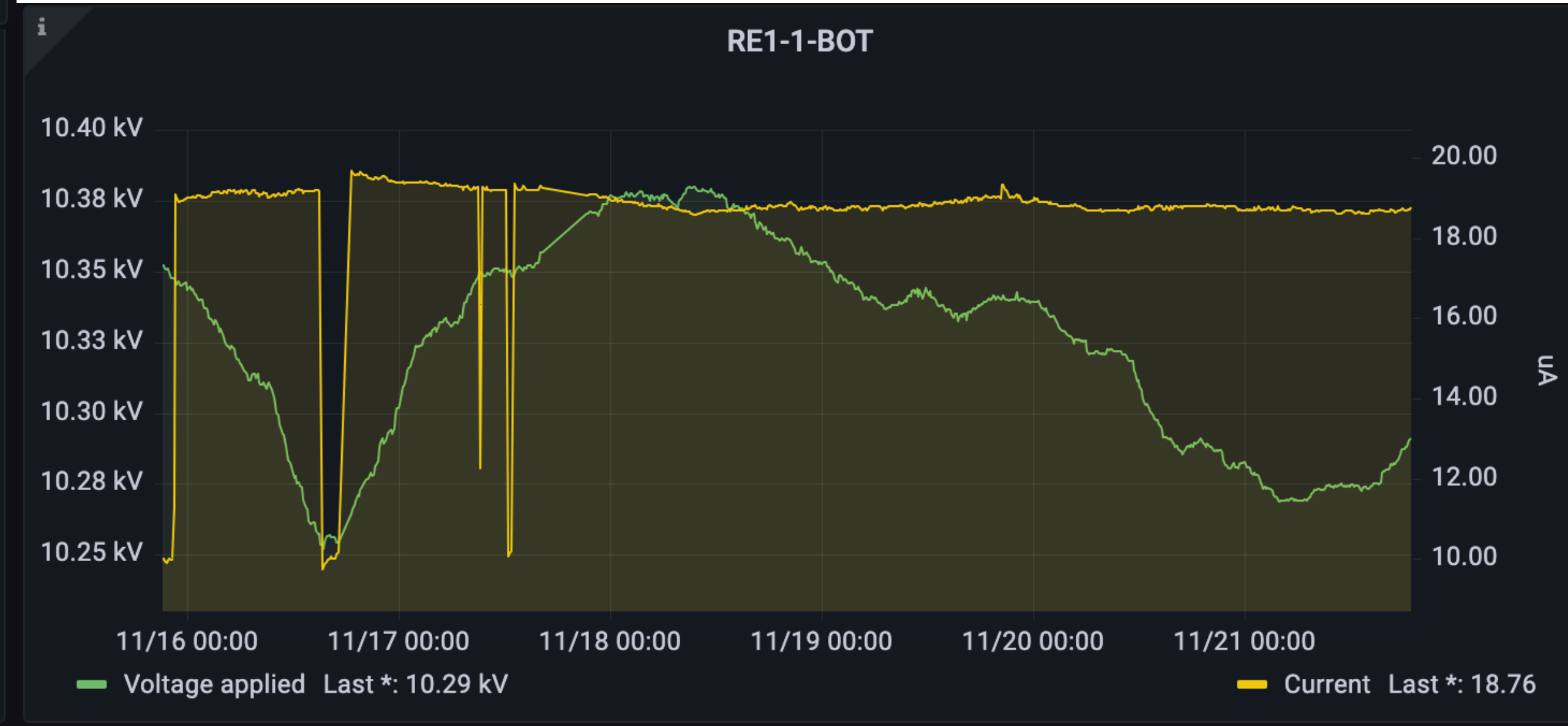
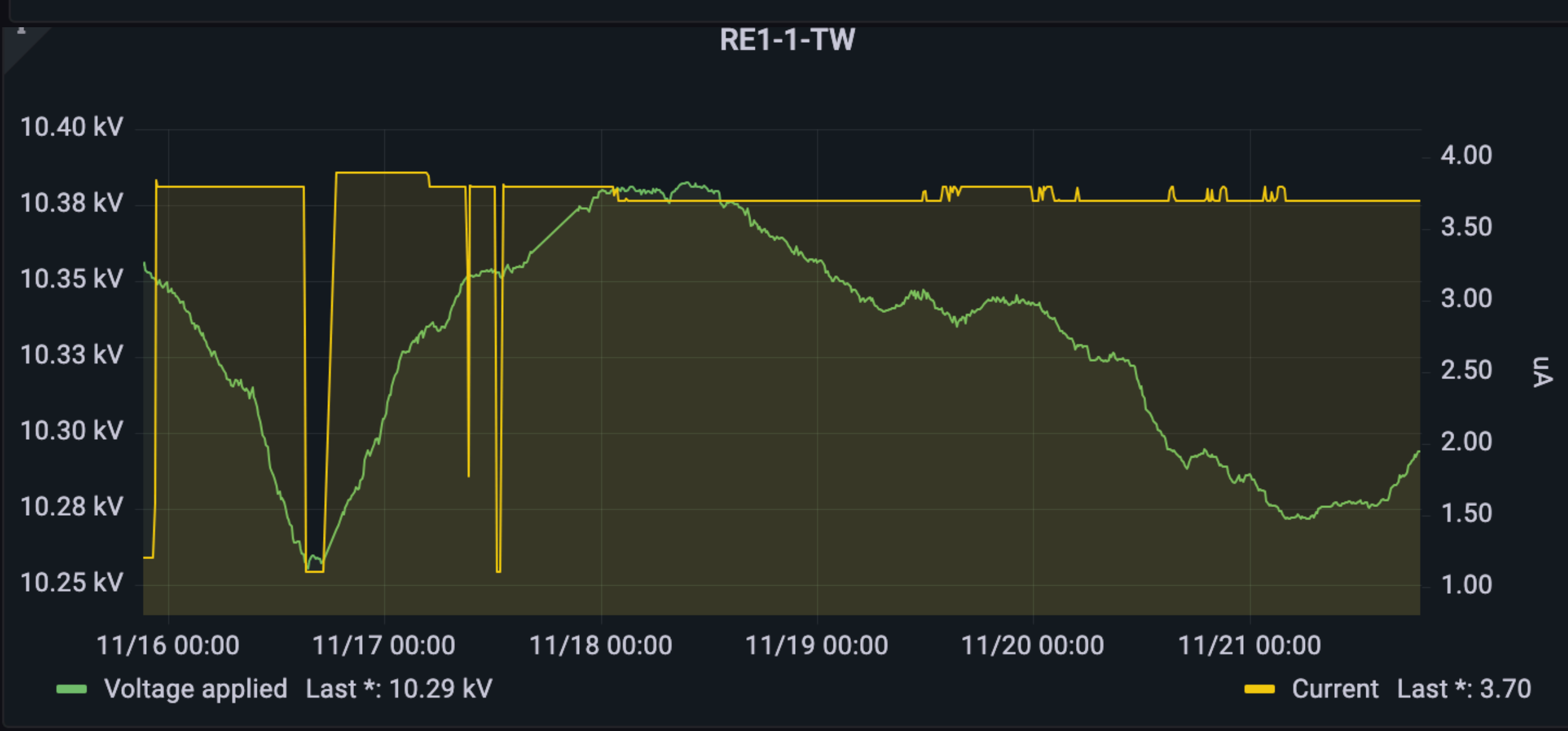
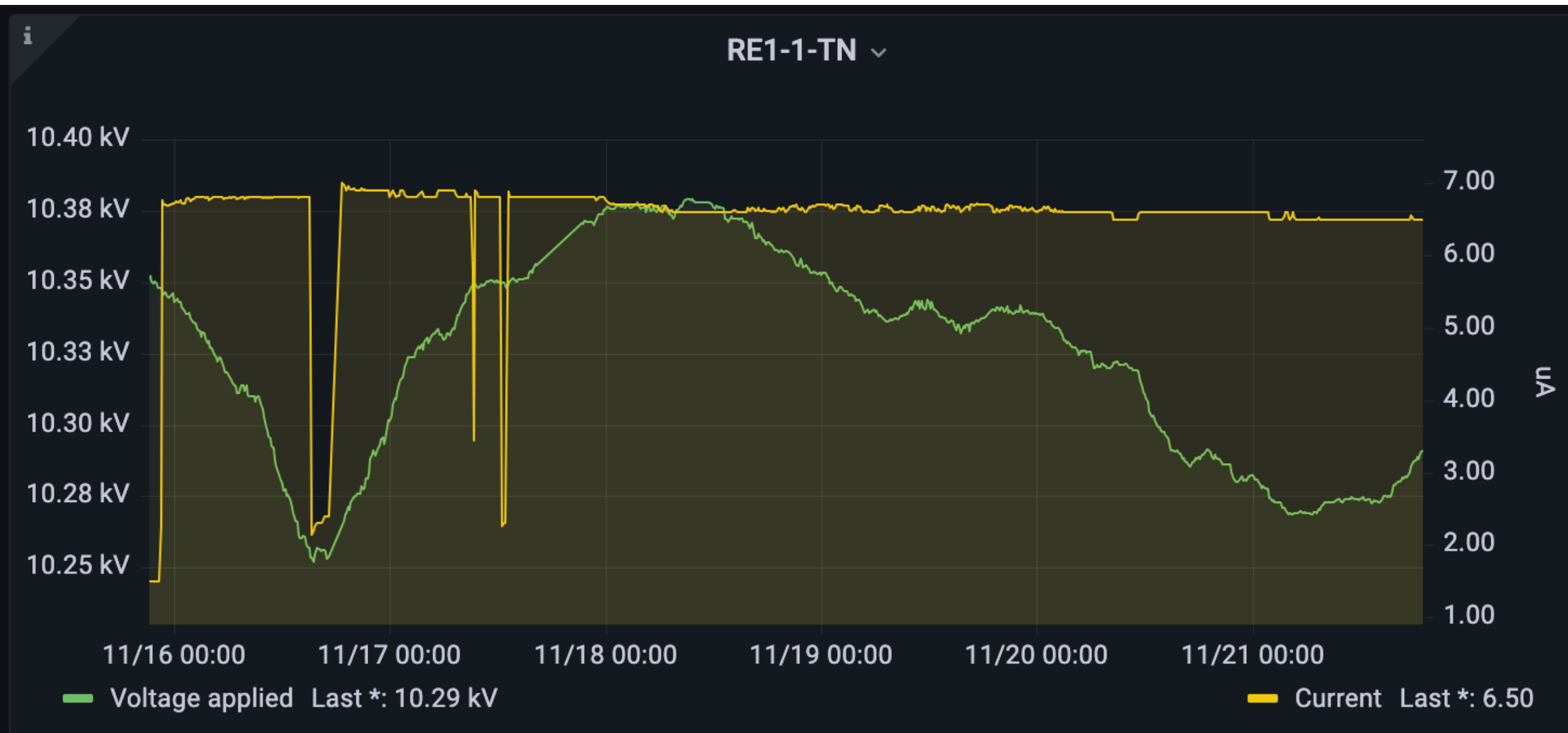
## Current scans

000701 <a href="#">↗</a>	Current scan	2023-11-22 19:02	ECOGAS2		FINISHED	23
000700 <a href="#">↗</a>	Current scan	2023-11-22 15:23	ECOGAS2	(EPDT TRIP)	FINISHED	23
000699 <a href="#">↗</a>	Current scan	2023-11-22 11:28	ECOGAS2	(EPDT TRIP)	FINISHED	23

# EPDT - SHiP - KODEL H

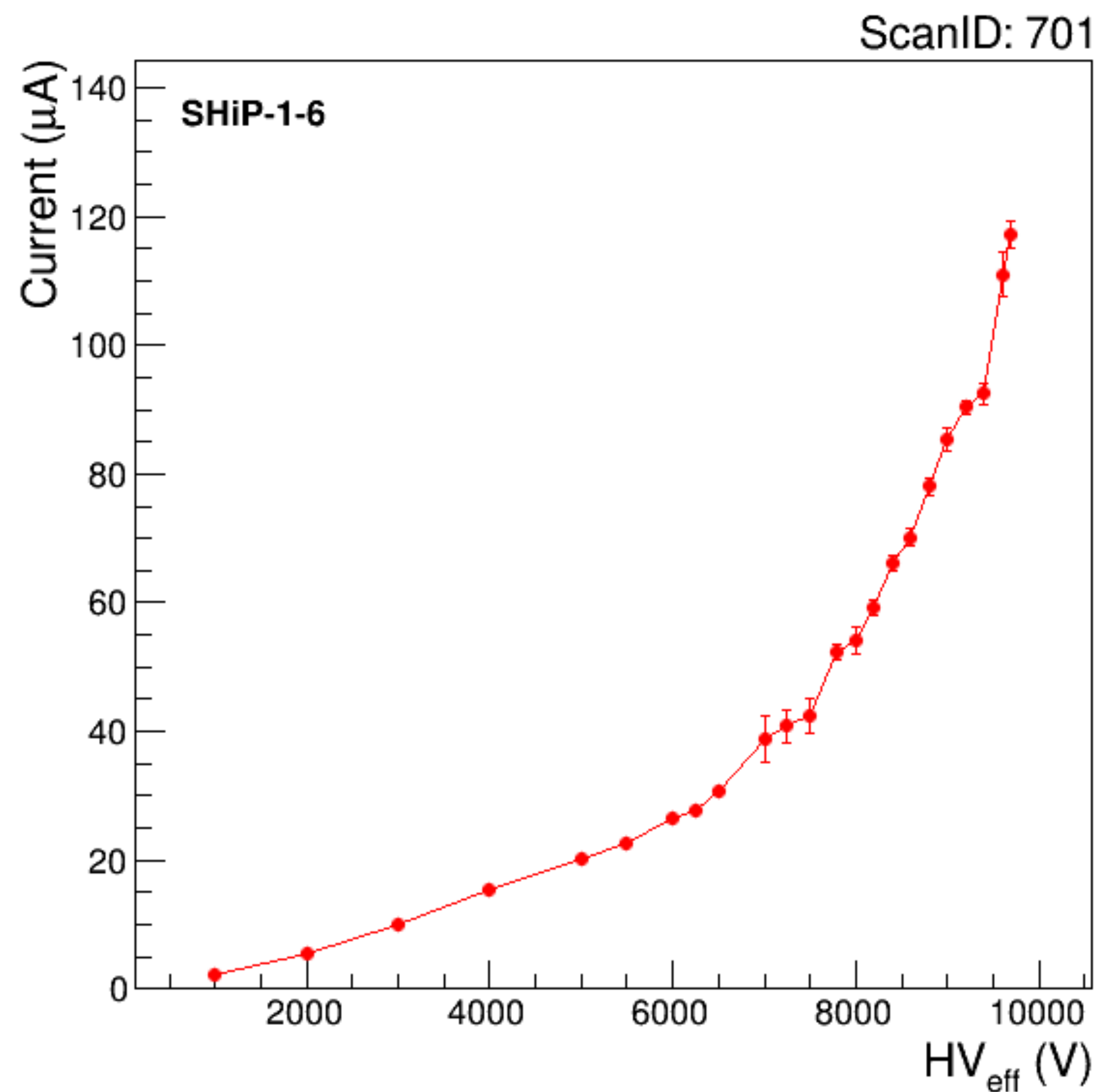
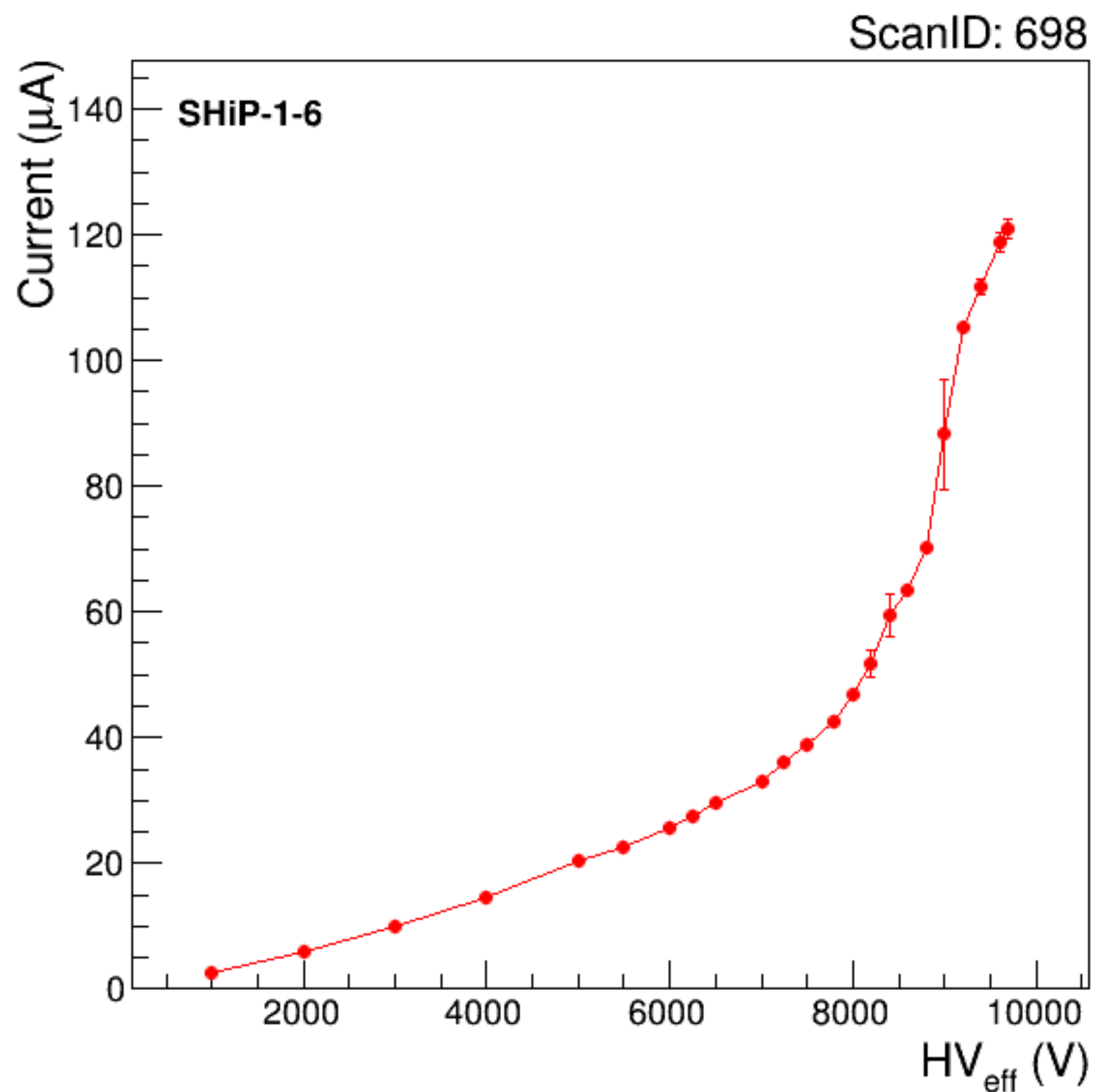


# RE1-1



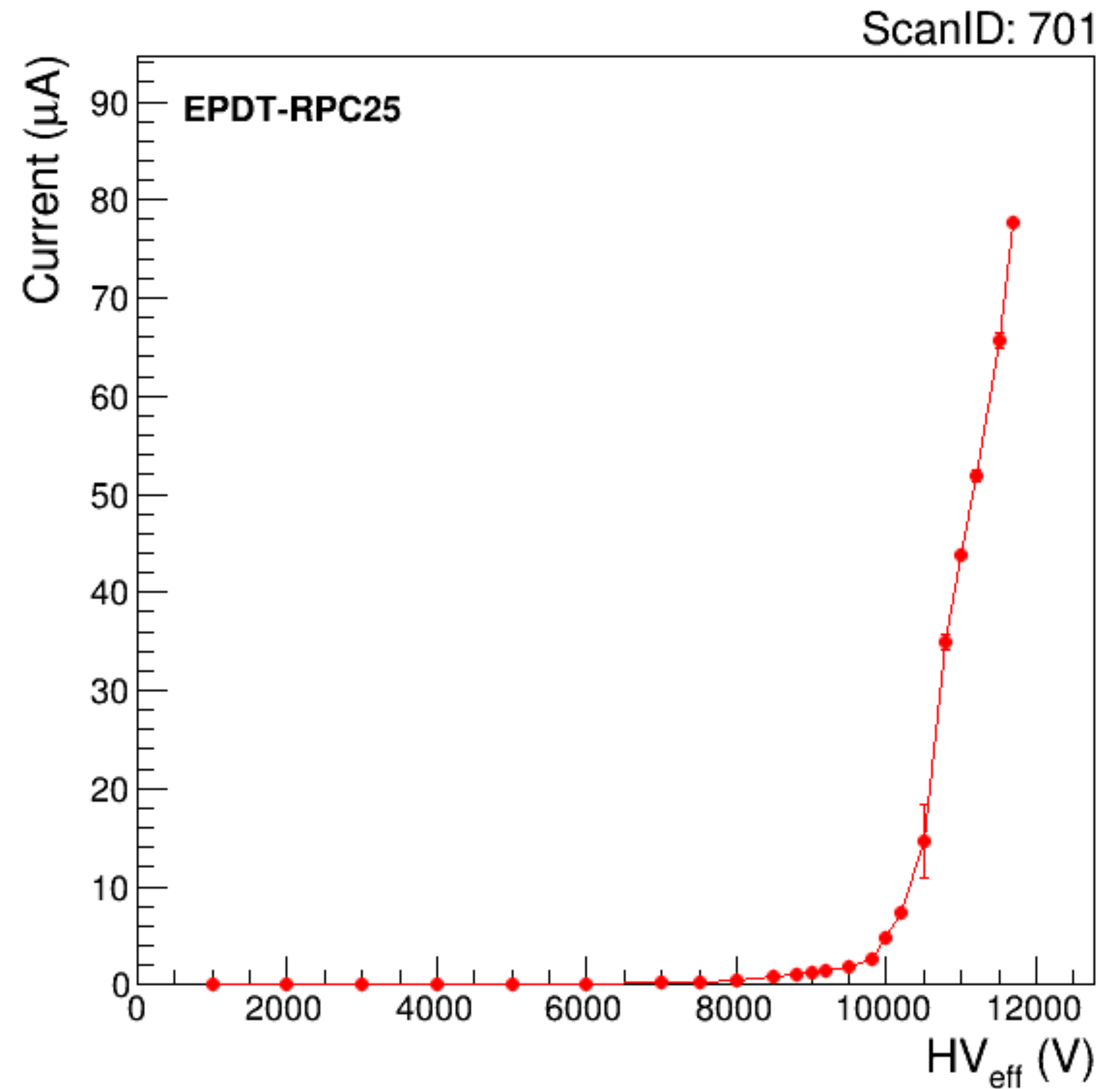
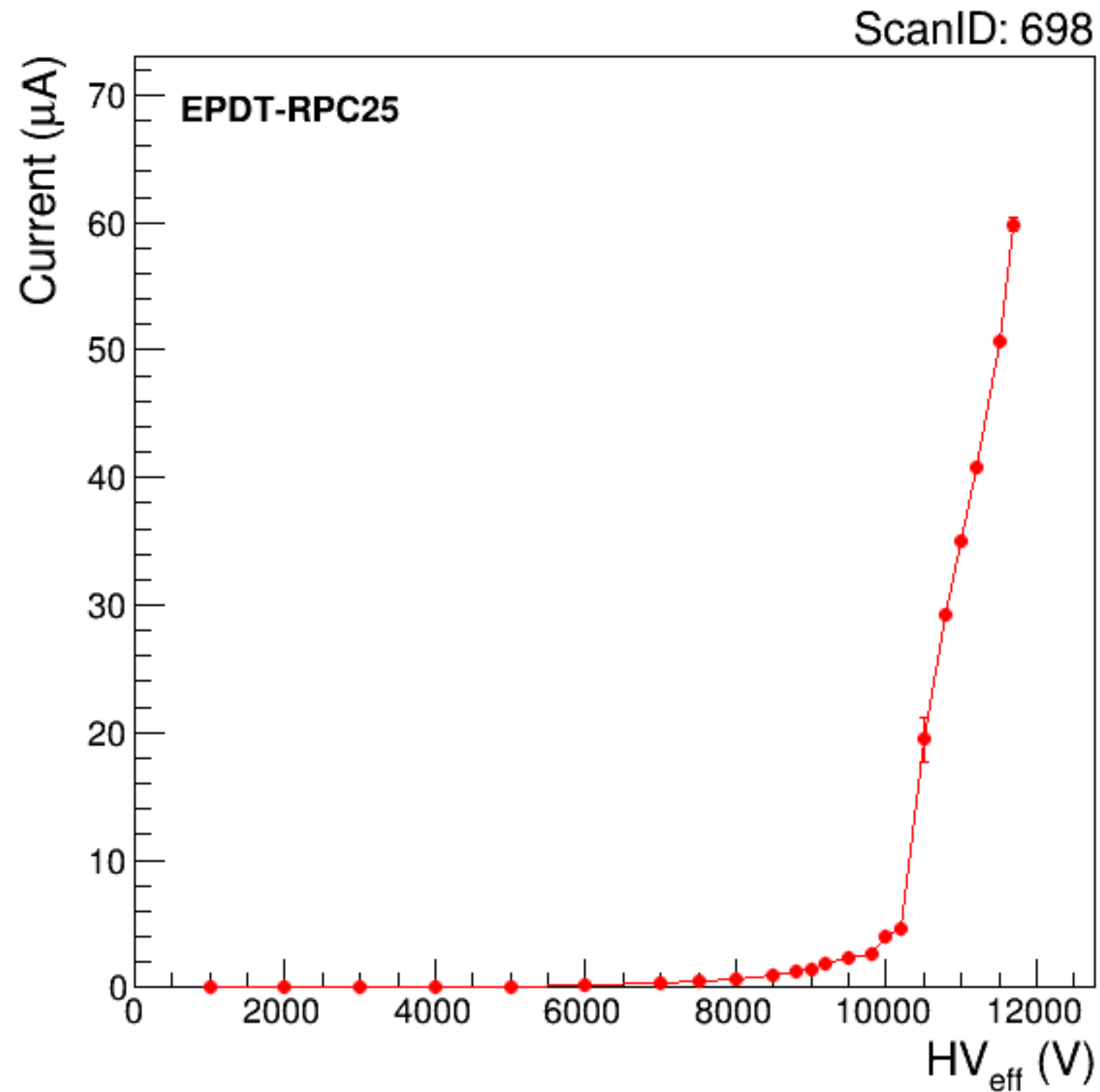
# Comparison with previous week

## SHiP



# Comparison with previous week

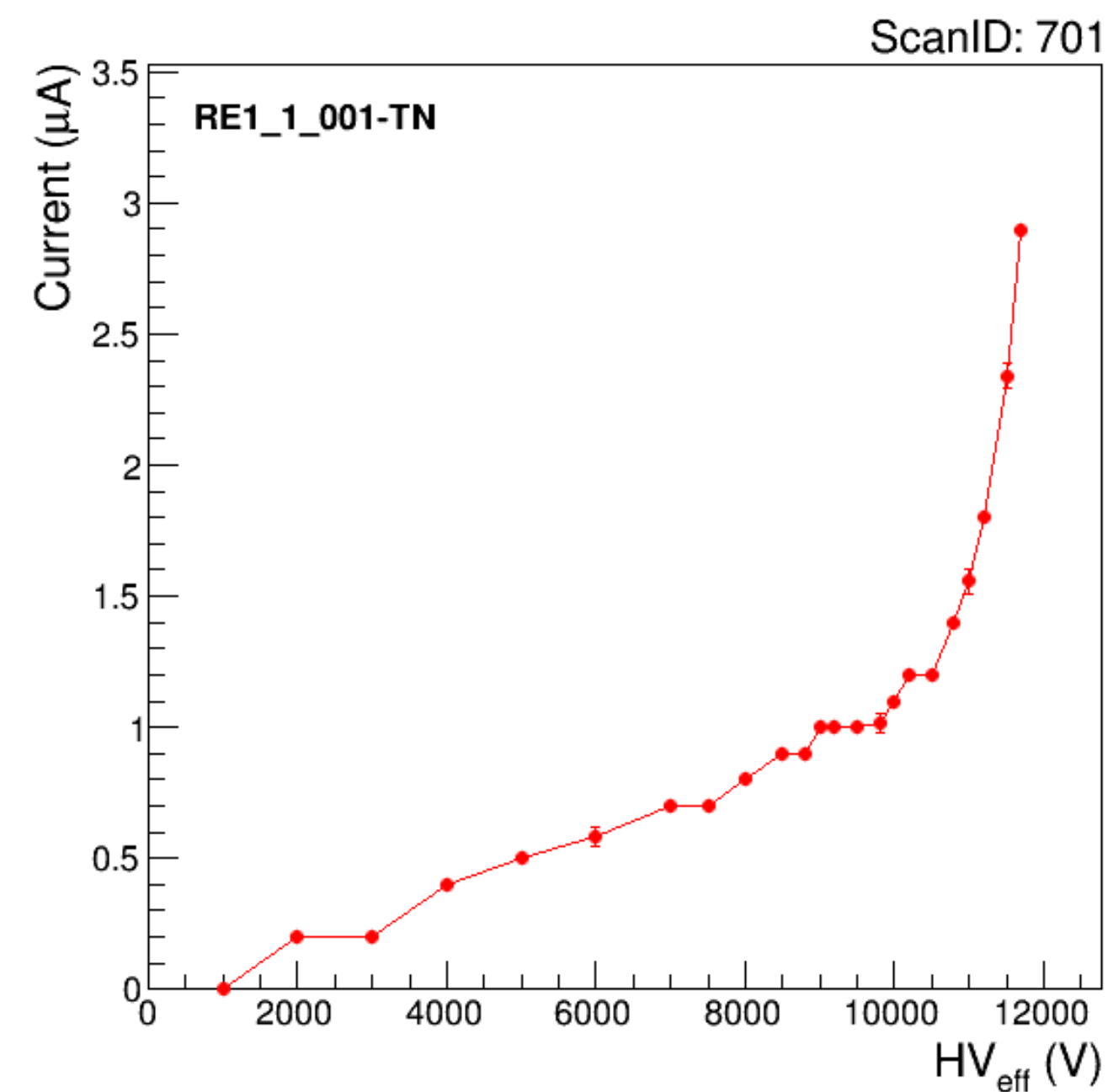
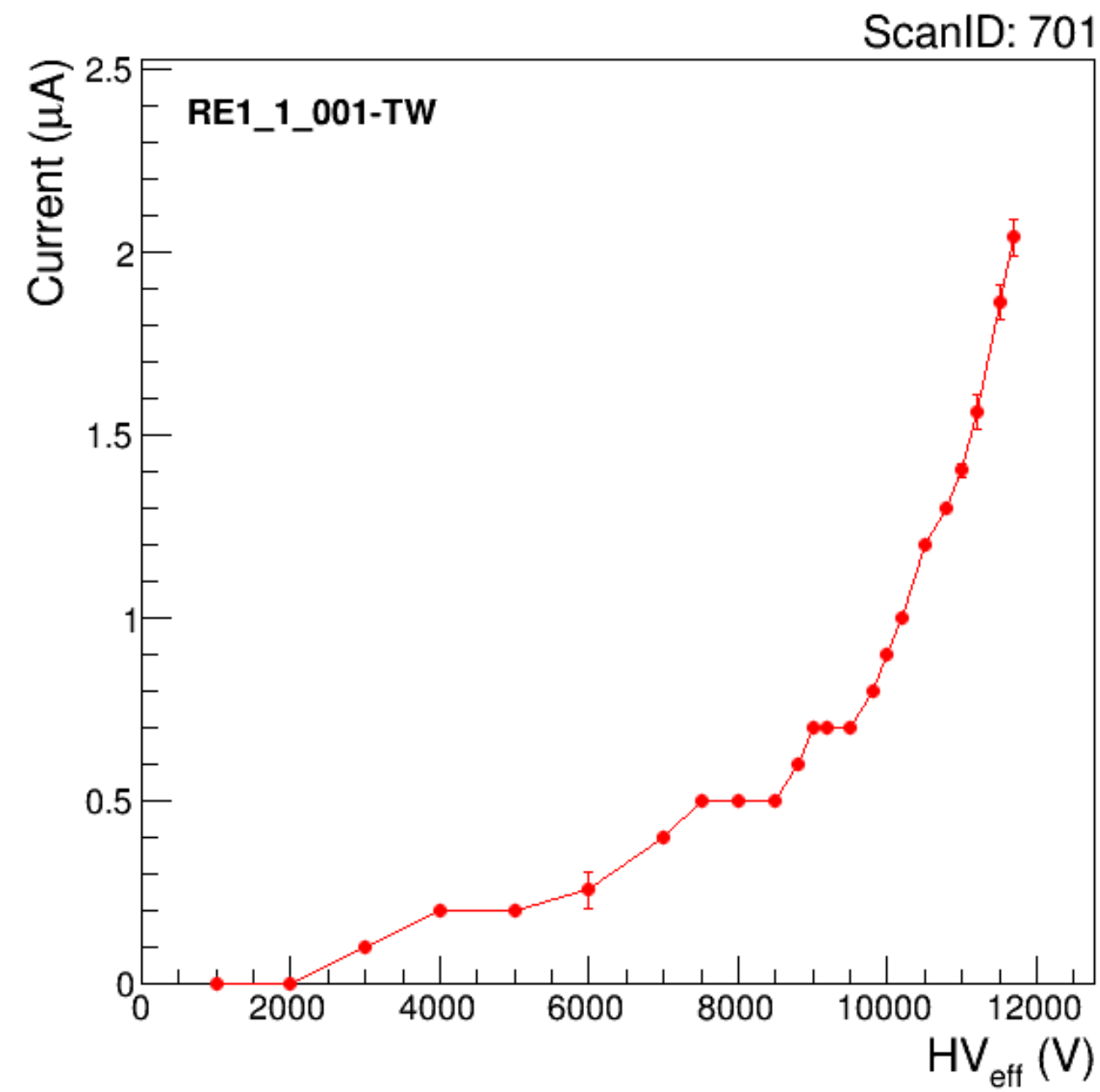
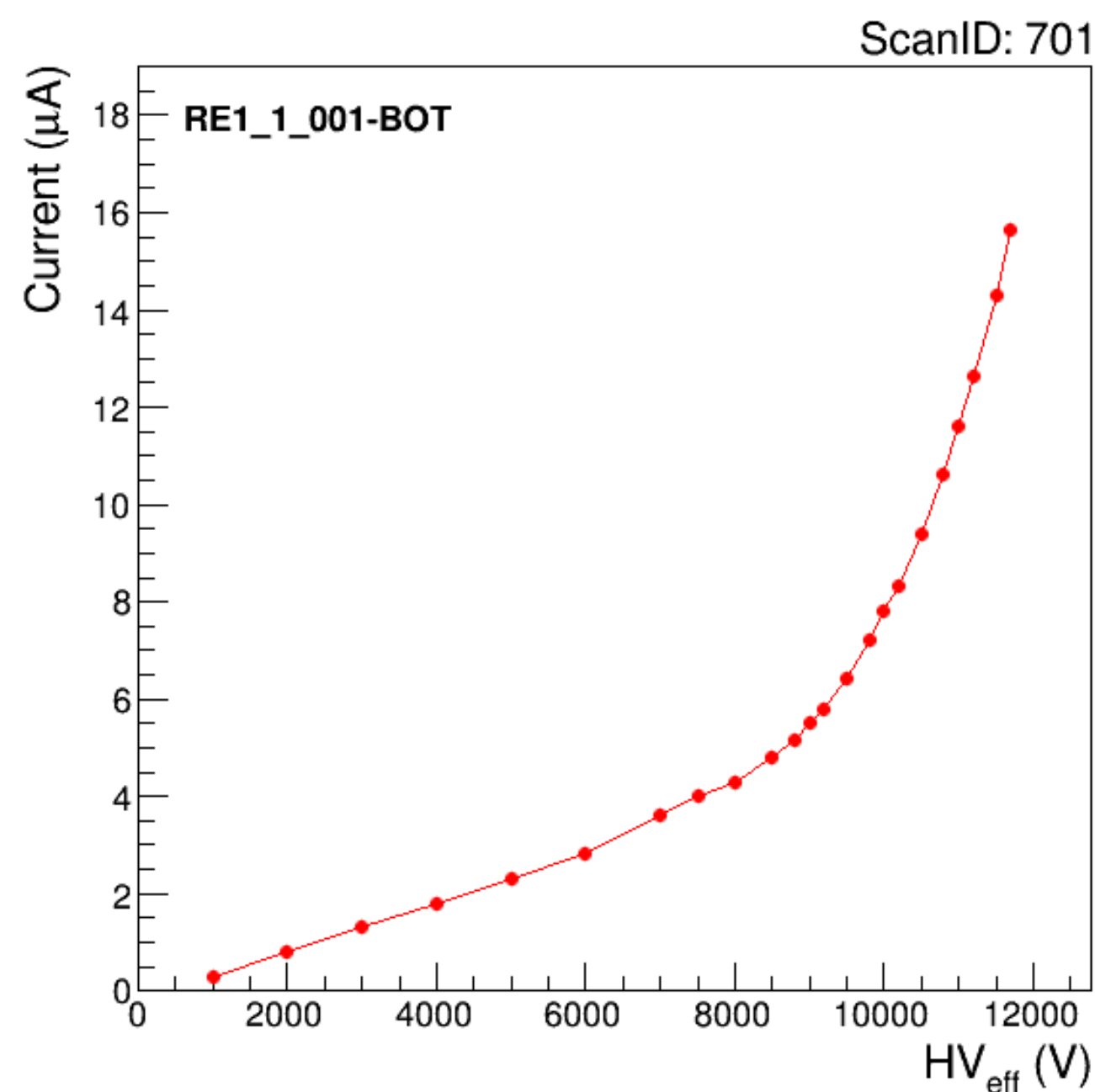
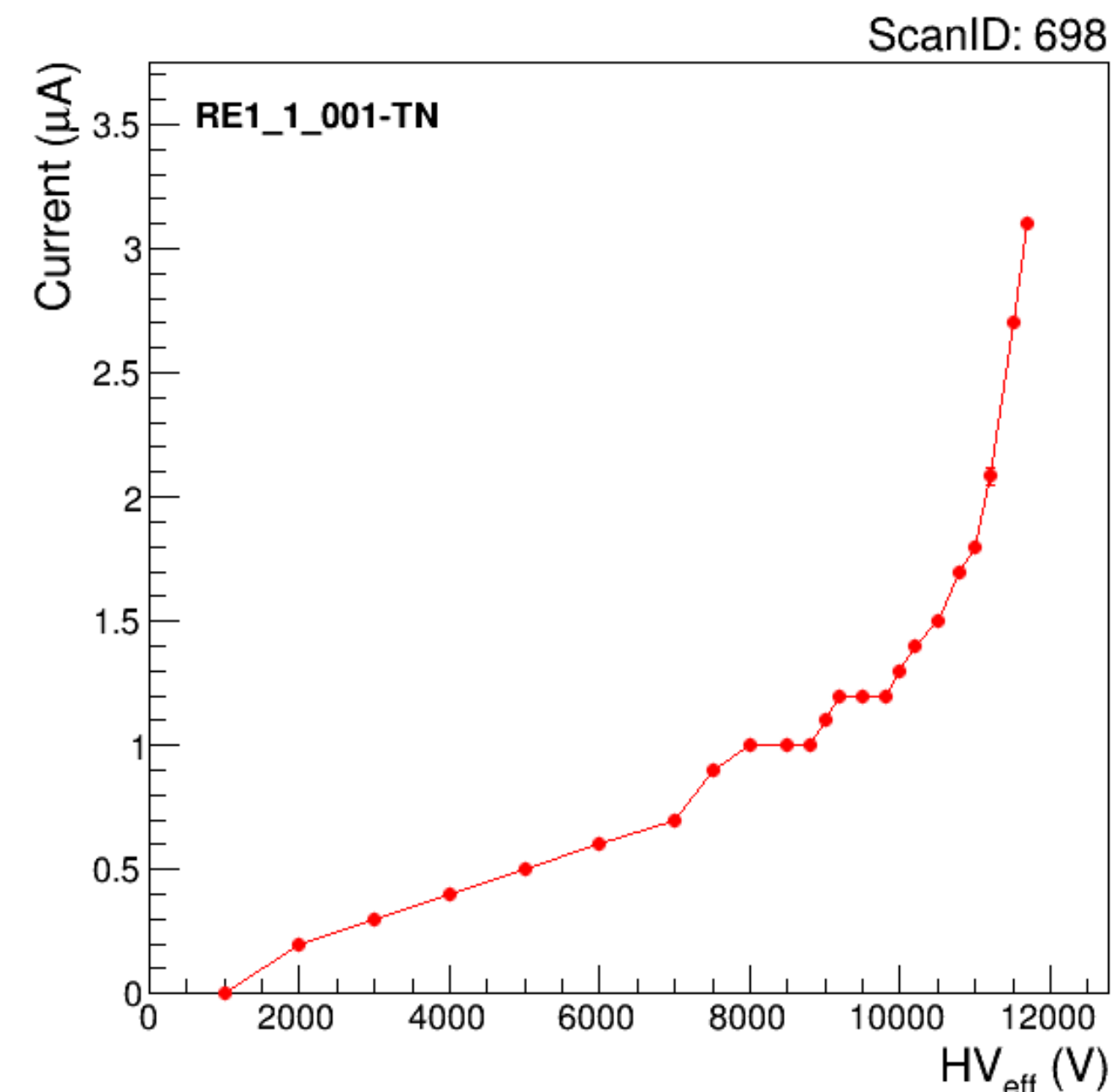
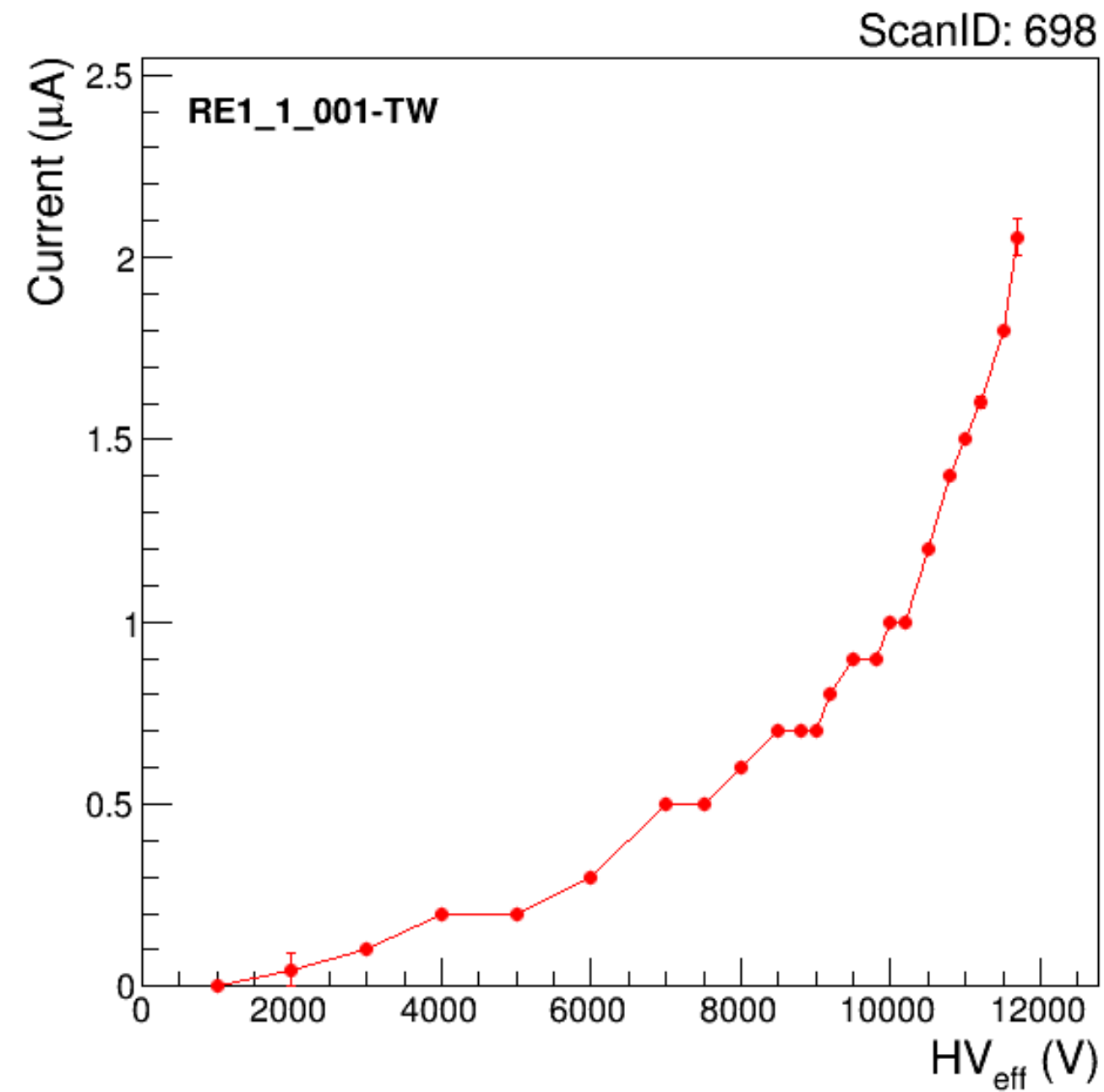
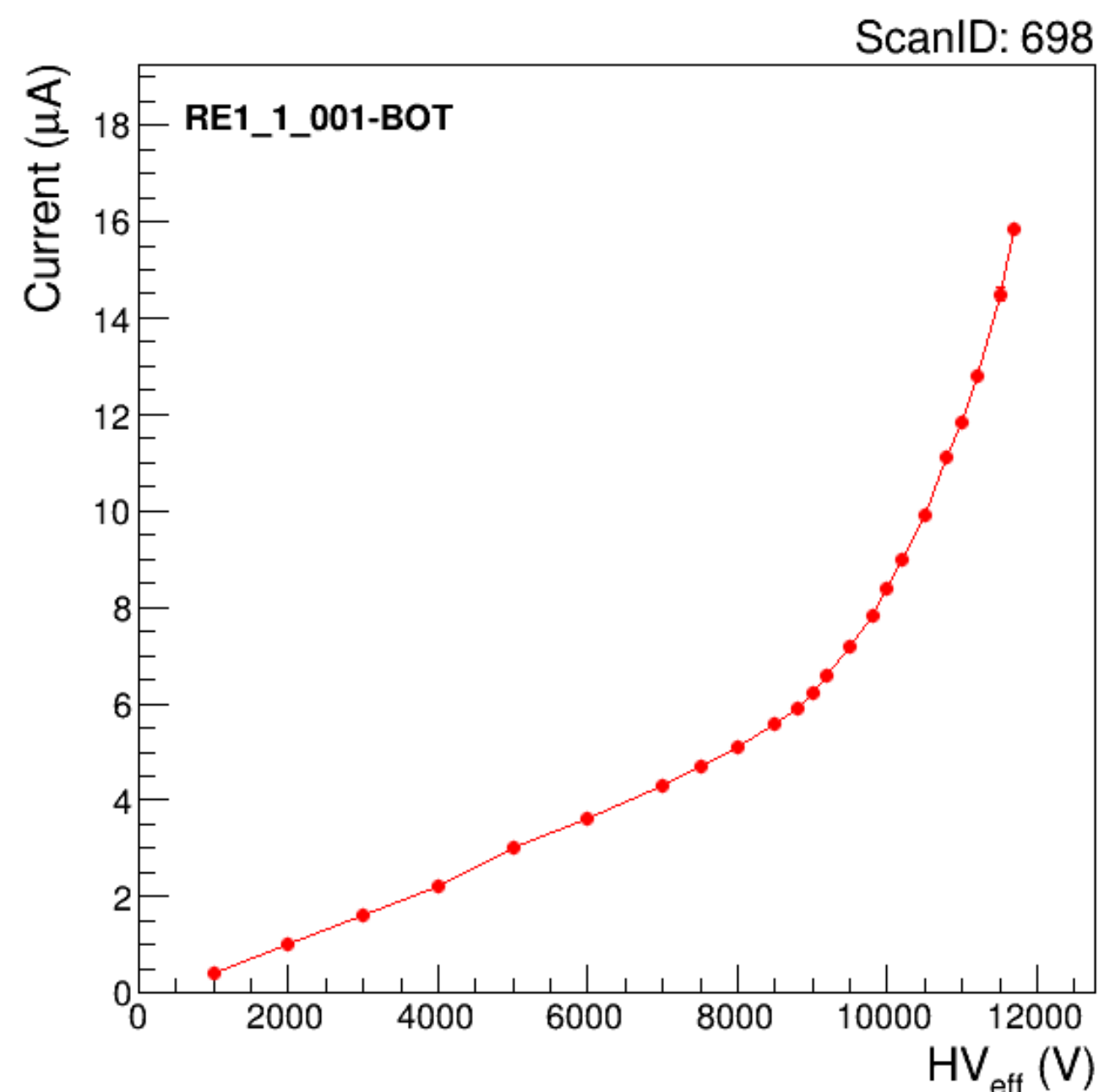
## EPDT





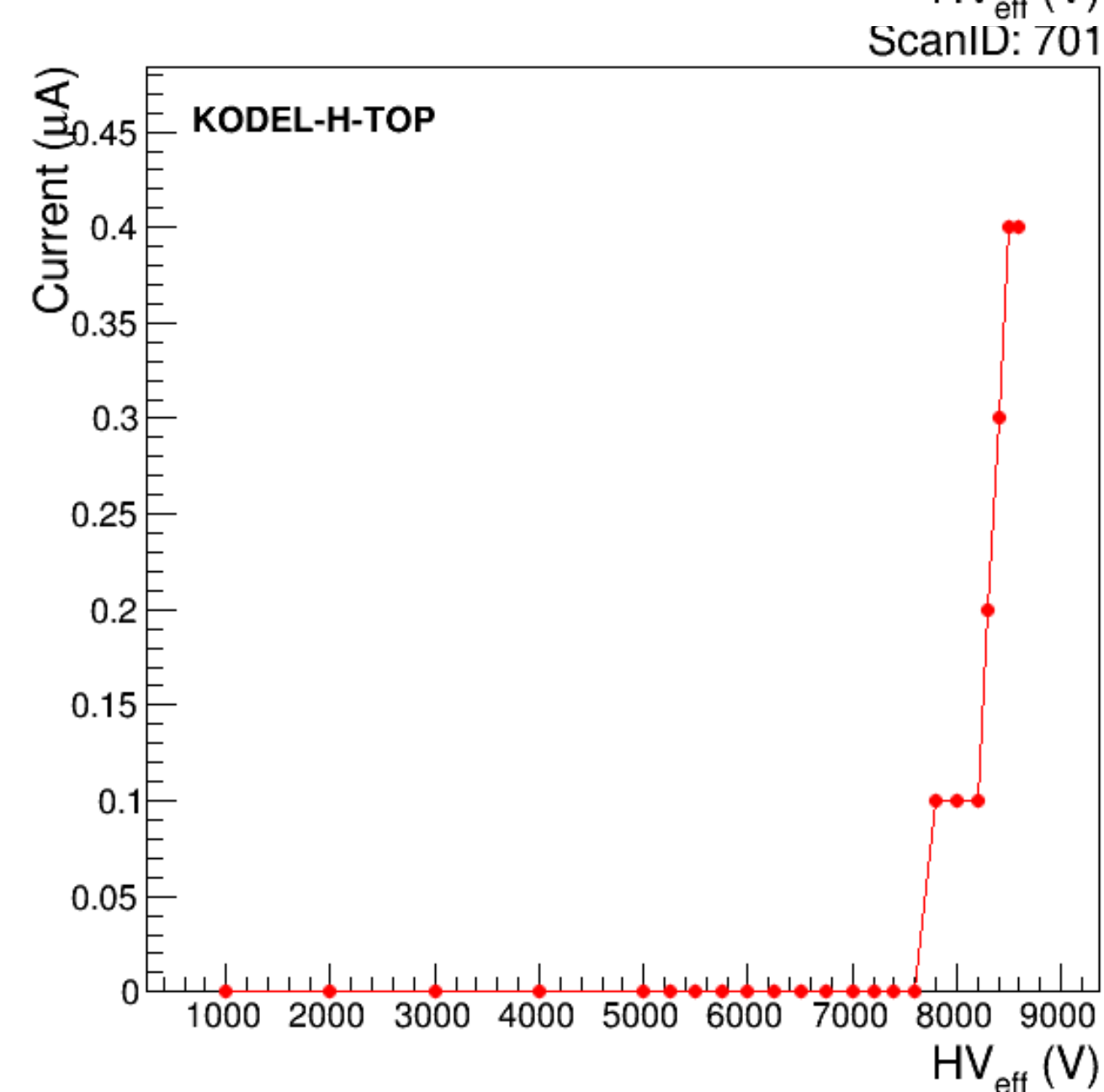
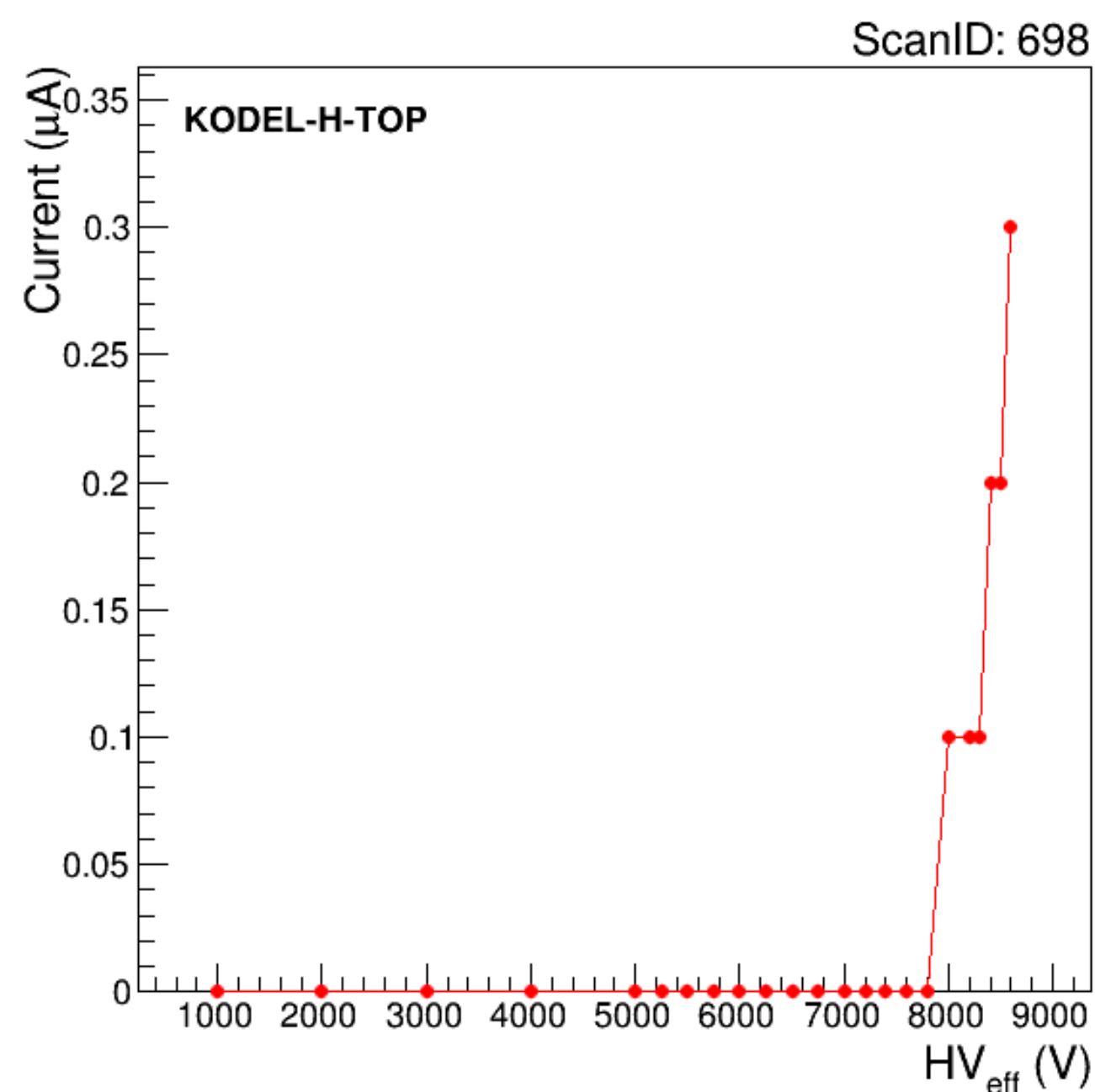
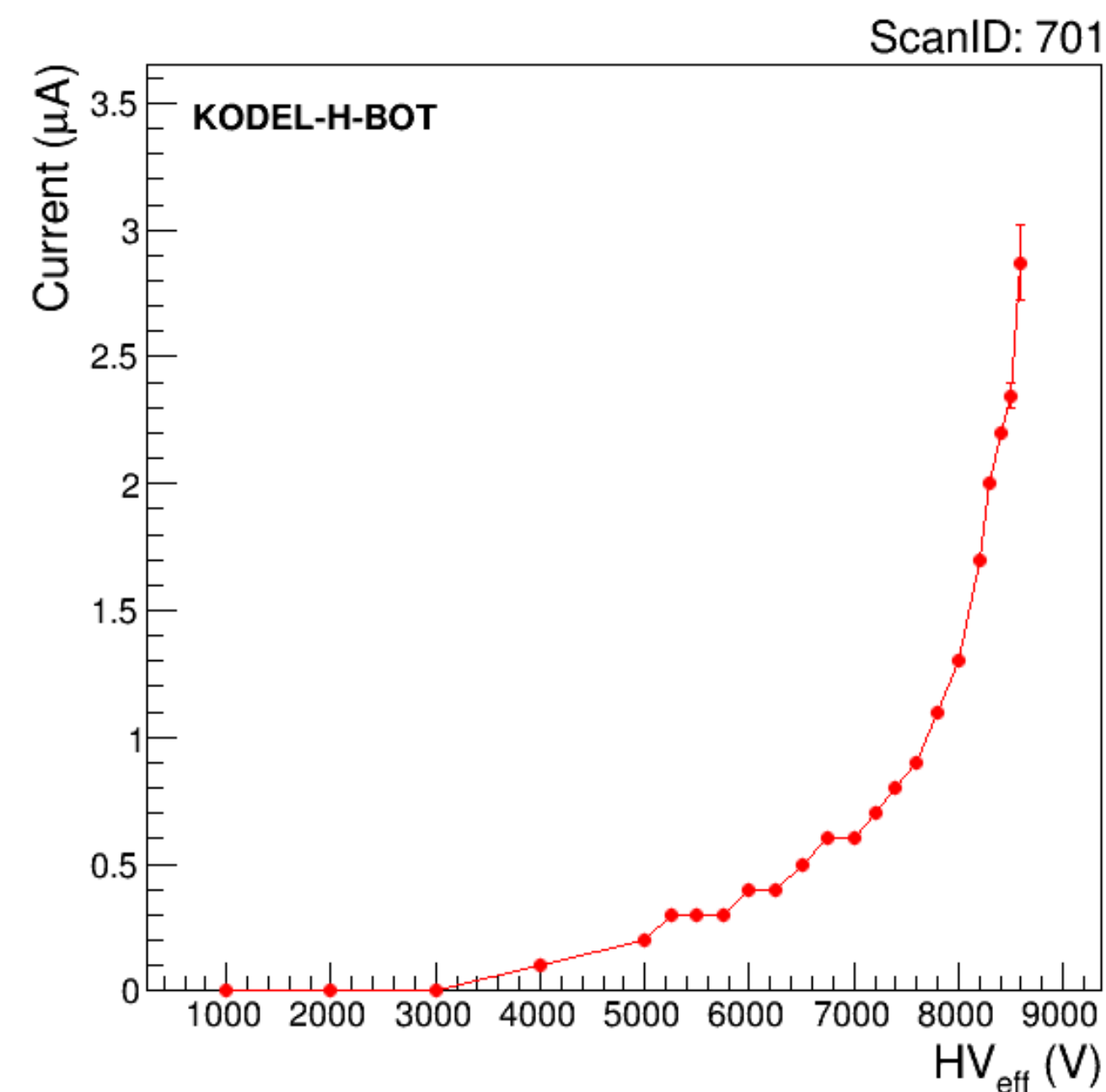
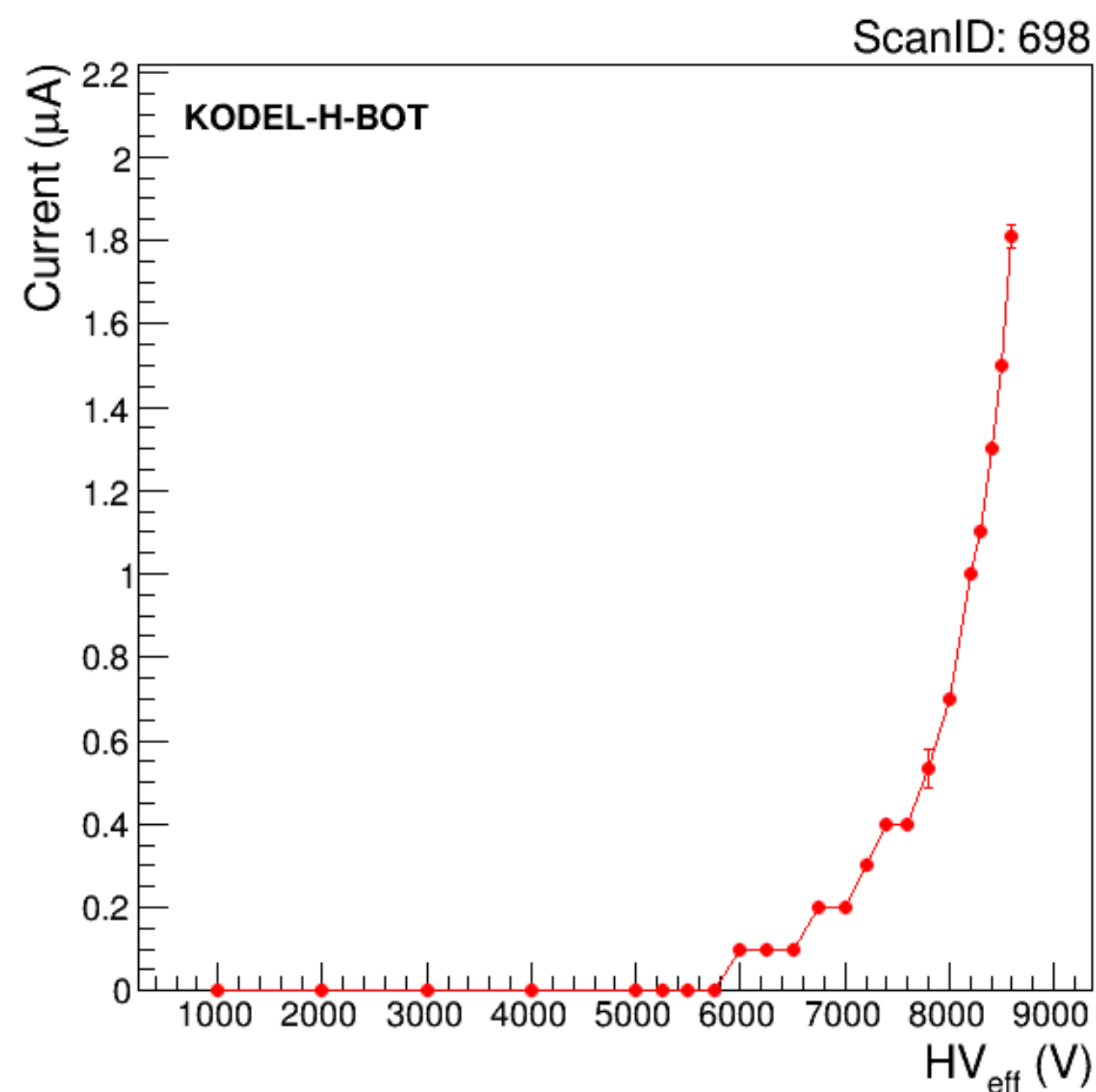
# Comparison with previous week

## RE1\_1



# Comparison with previous week

## KODEL H



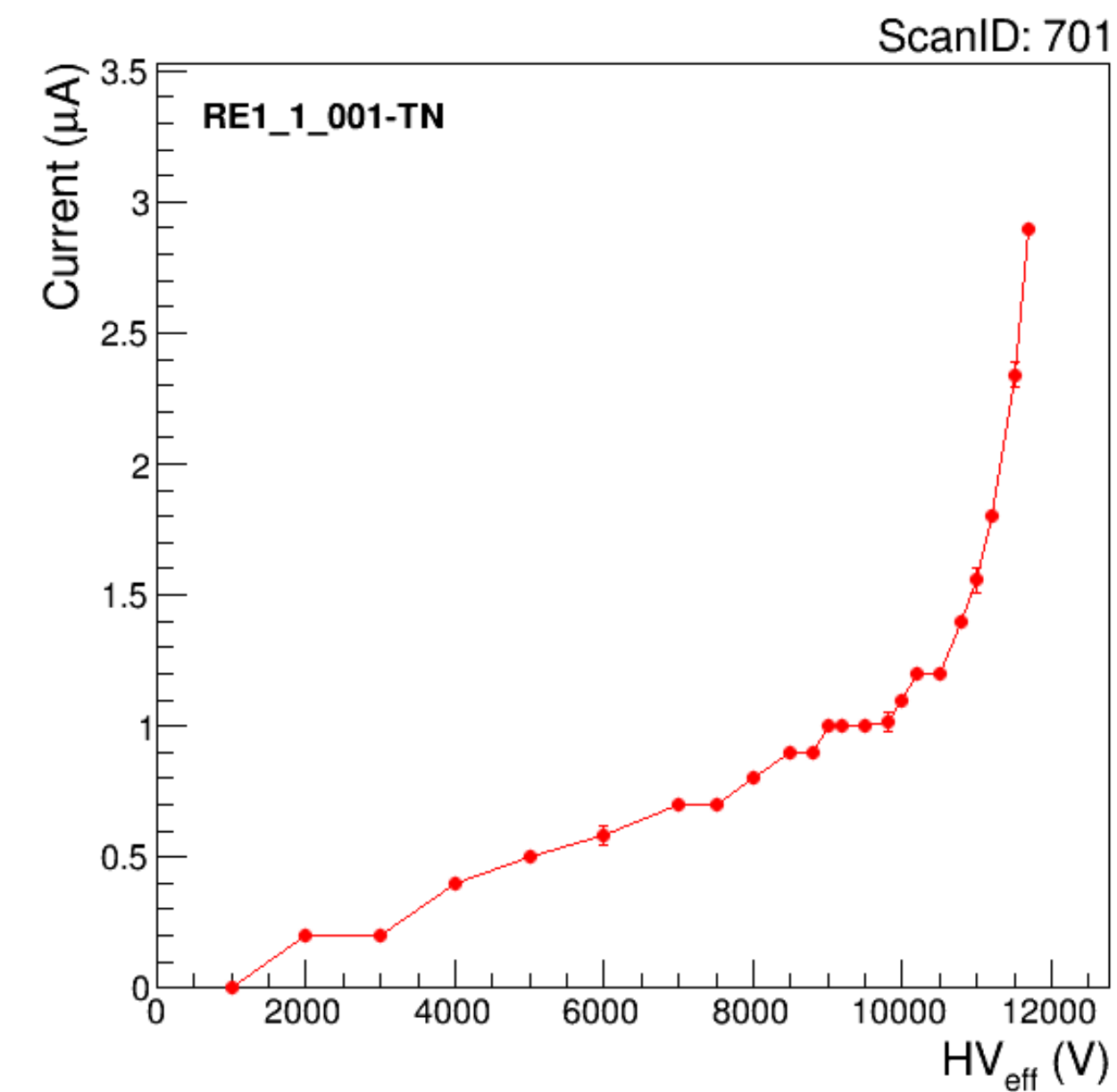
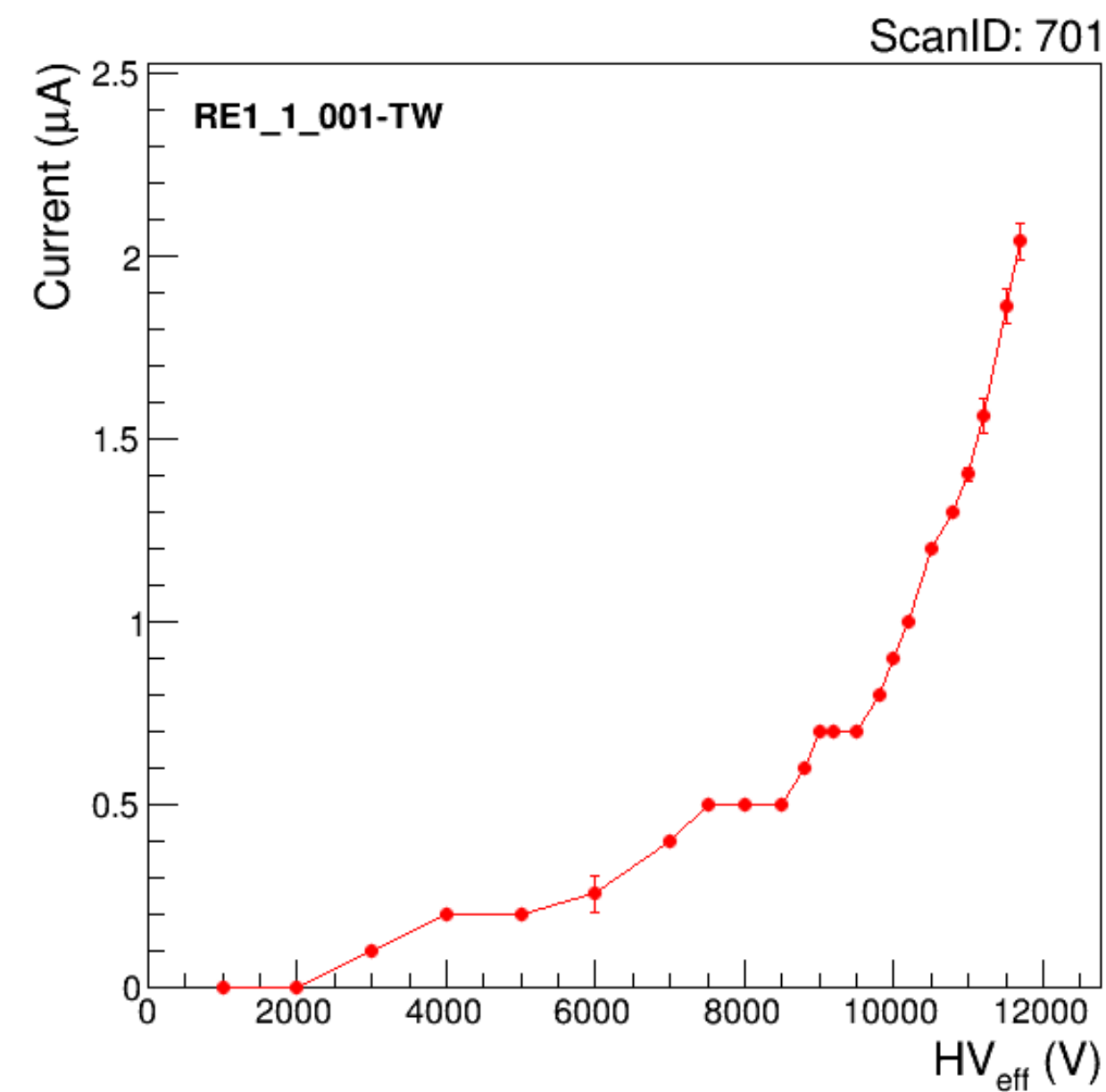
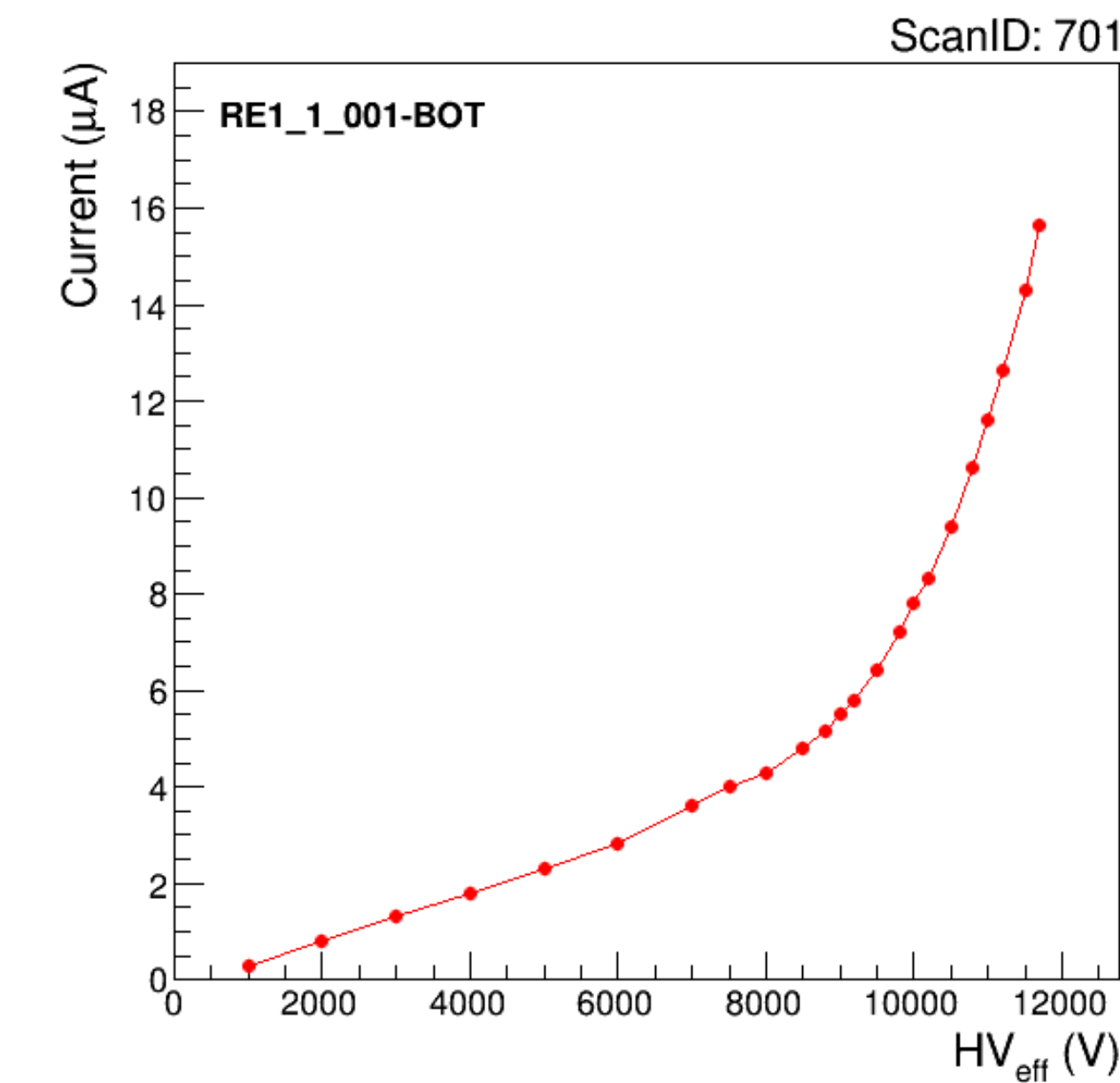
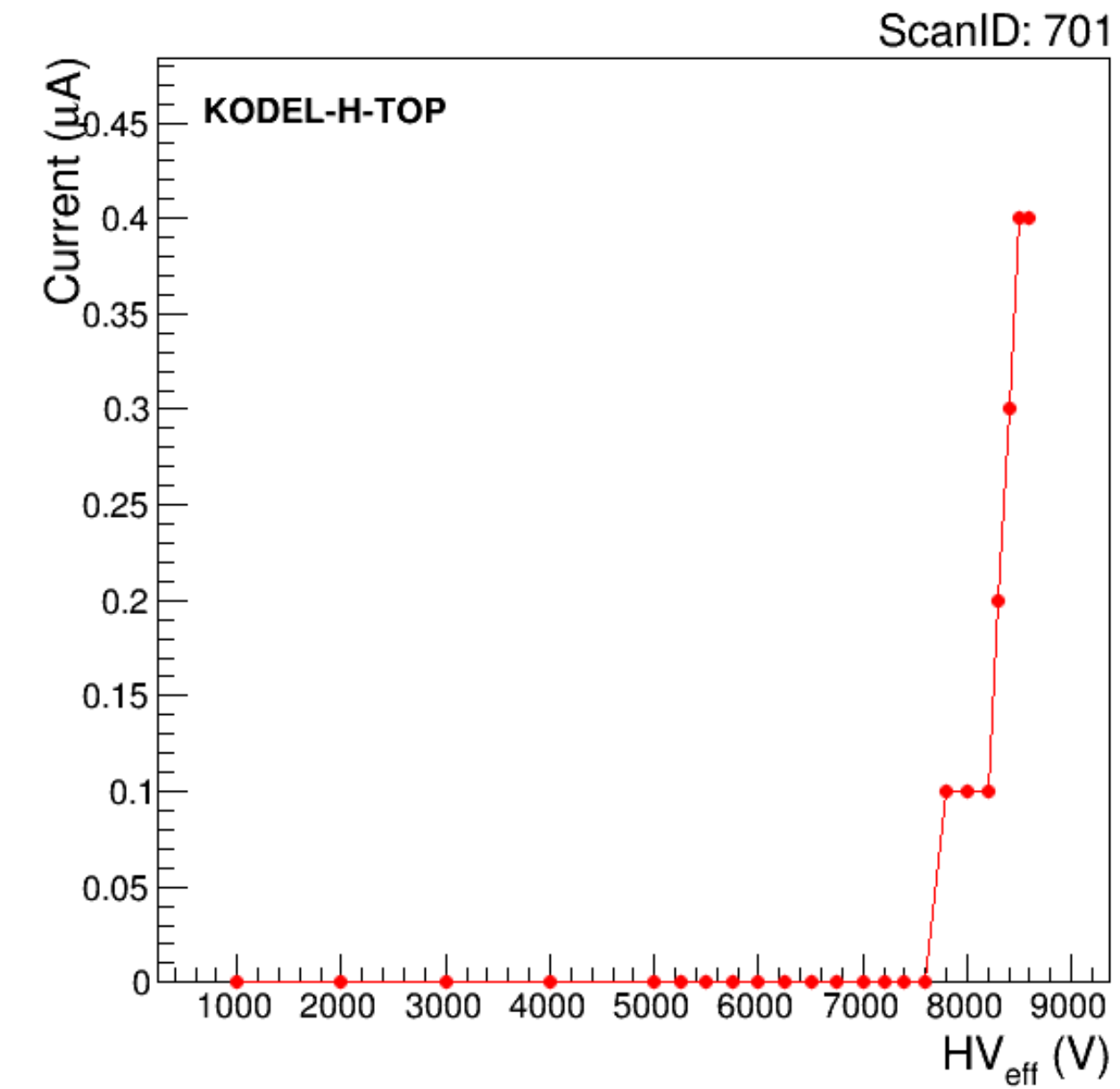
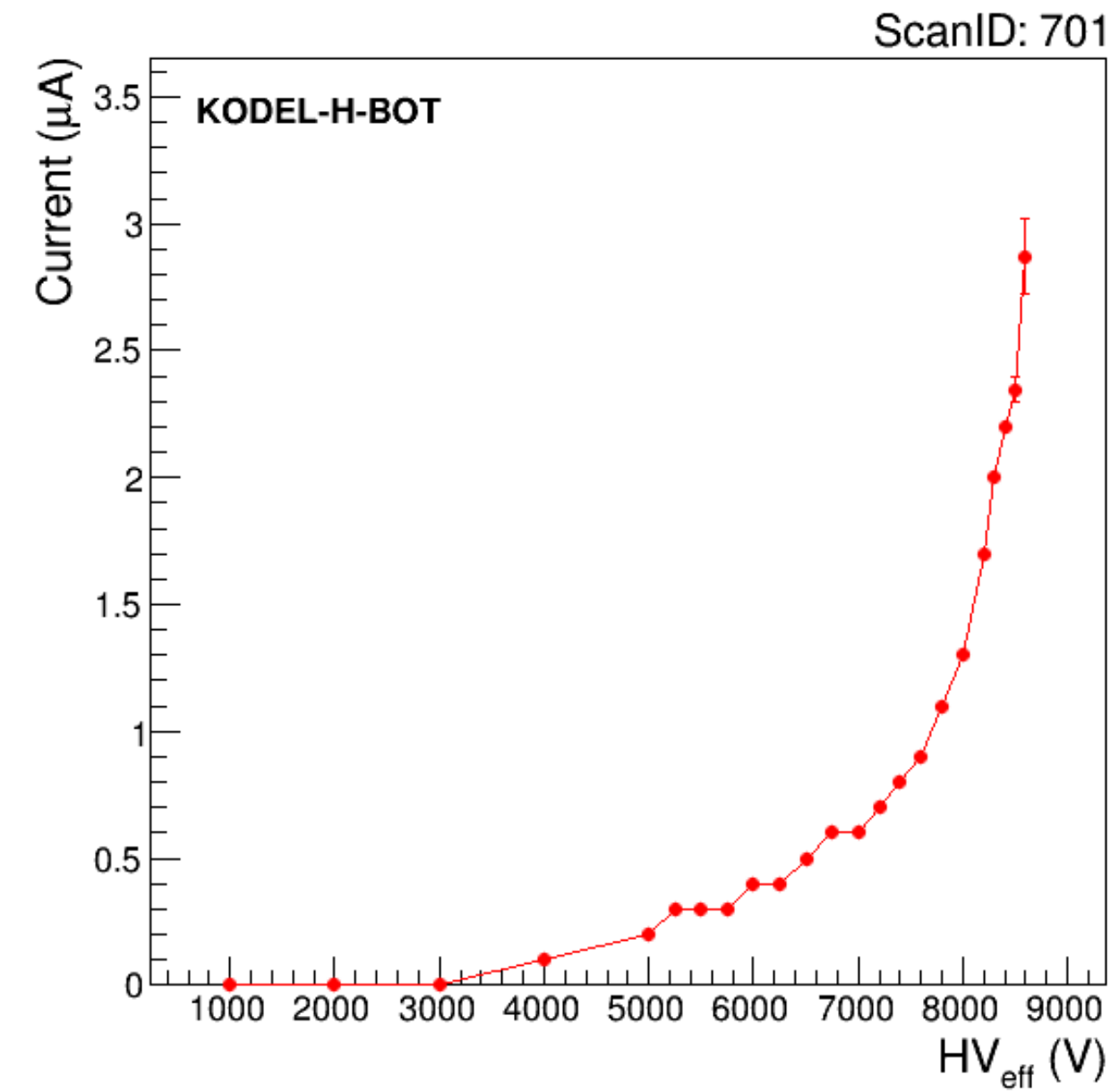
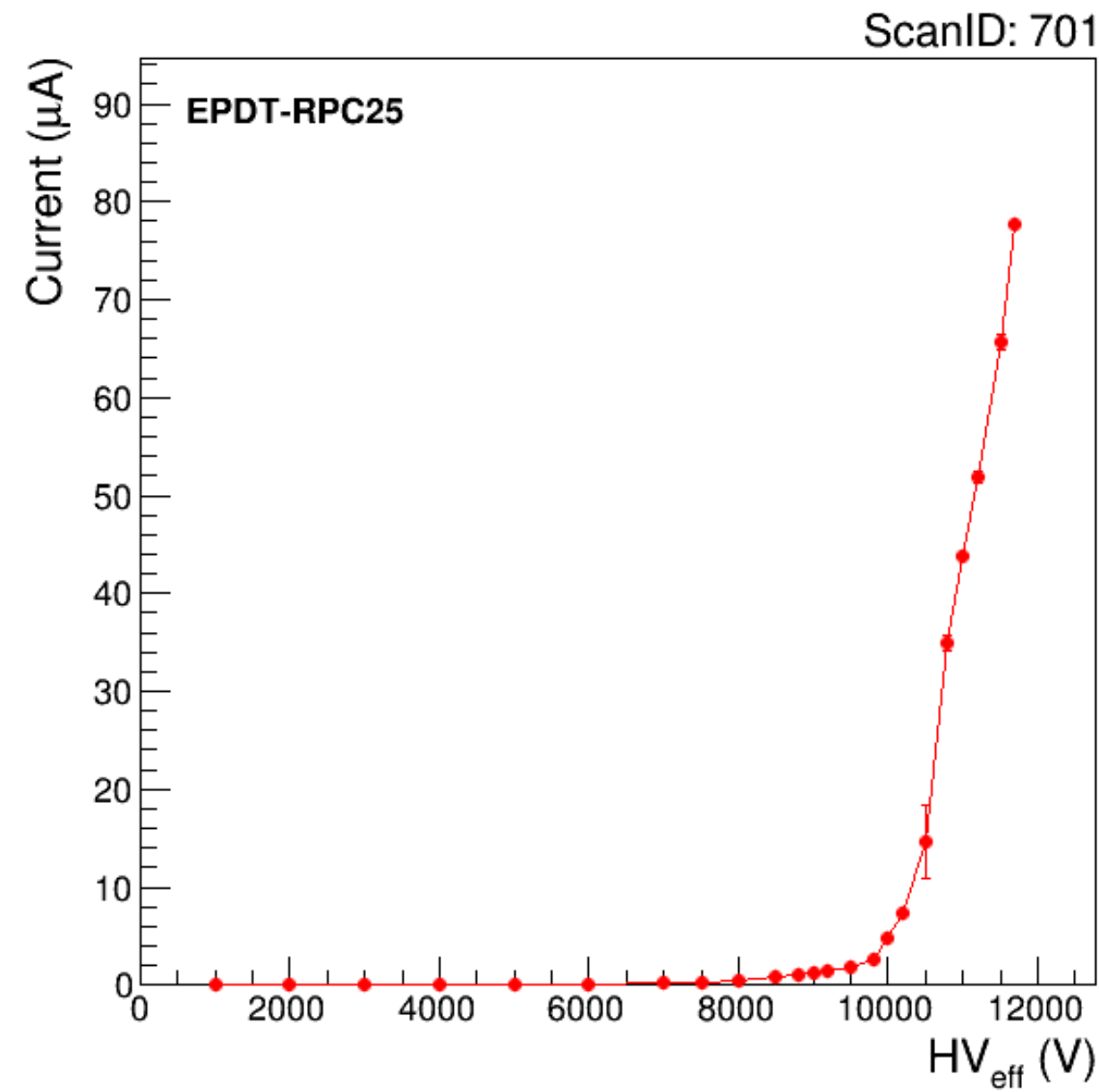
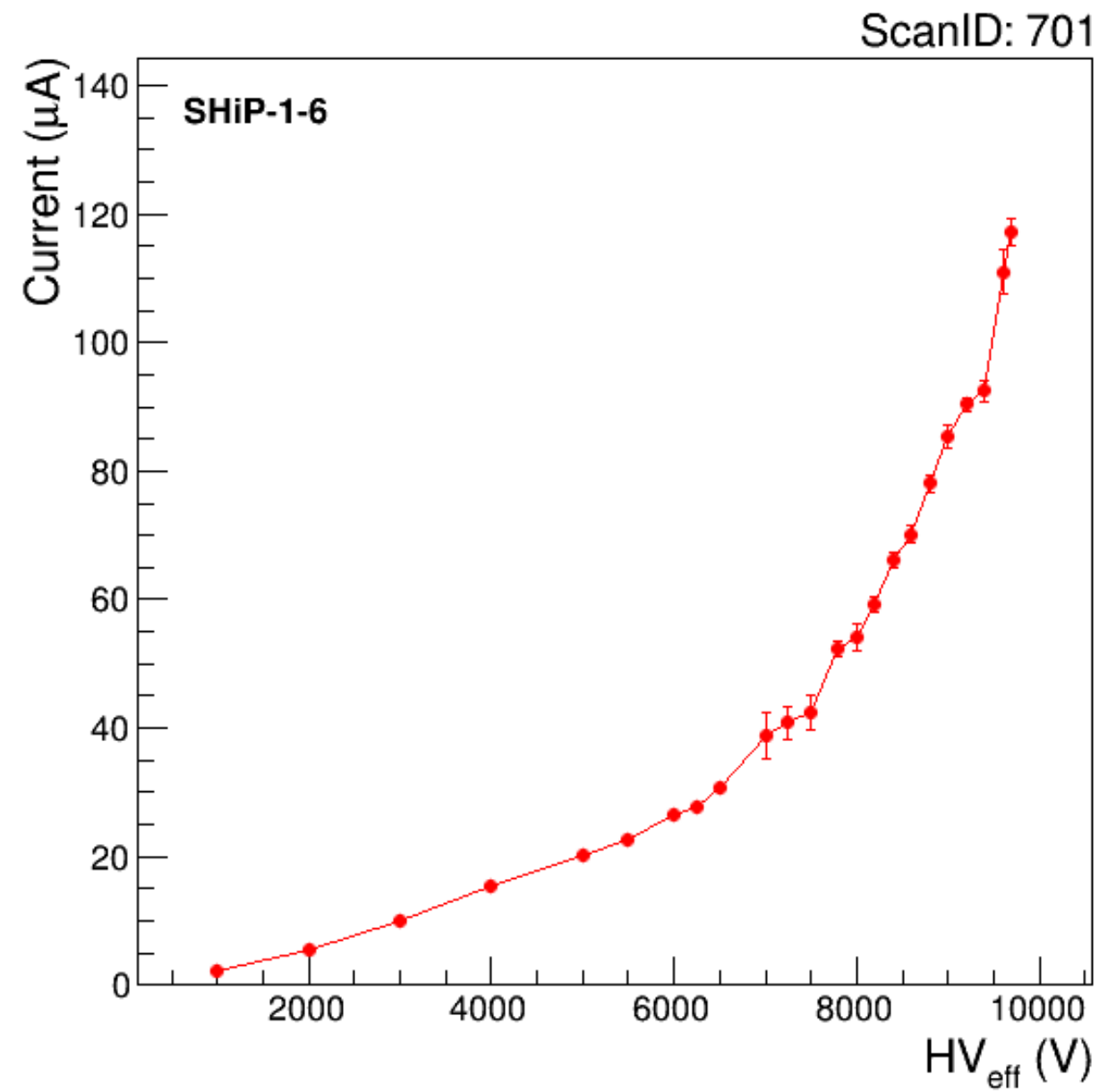
# Instructions for next shifter

- ATLAS and ALICE still excluded
- EPDT, RE1-1, SHiP, KODEL-H to be included
- For current scan use template 701 -> EPDT change Itrip to 100uA from telnet (only during scan!)
- For stability scan use template 194

Chamber/gap	Enabled	Working voltage (V)	Standby voltage (V)	i0 (uA)
EPDT-RPC25	<input checked="" type="checkbox"/>	<input type="text" value="9000"/>	<input type="text" value="6500"/>	<input type="text" value="20"/>
SHiP-1-6	<input checked="" type="checkbox"/>	<input type="text" value="8800"/>	<input type="text" value="5000"/>	<input type="text" value="200"/>
RE1_1_001-BOT	<input checked="" type="checkbox"/>	<input type="text" value="10600"/>	<input type="text" value="6500"/>	<input type="text" value="200"/>
RE1_1_001-TN	<input checked="" type="checkbox"/>	<input type="text" value="10600"/>	<input type="text" value="6500"/>	<input type="text" value="200"/>
RE1_1_001-TW	<input checked="" type="checkbox"/>	<input type="text" value="10600"/>	<input type="text" value="6500"/>	<input type="text" value="200"/>
KODEL-H-BOT	<input checked="" type="checkbox"/>	<input type="text" value="7700"/>	<input type="text" value="5000"/>	<input type="text" value="50"/>
KODEL-H-TOP	<input checked="" type="checkbox"/>	<input type="text" value="7700"/>	<input type="text" value="5000"/>	<input type="text" value="50"/>

**back up slides**

# Current scan 701



# Current scan 698 (last week)

