

Taranta*

Mirko Milas, 29.5.2023

Taranta workshop @ MAX IV

**from a user perspective*

Curre

VGCP11

b312a-o03/dia/tco-01/temperature b312a-o03/vac/vgcp-11/pressure

Instrum

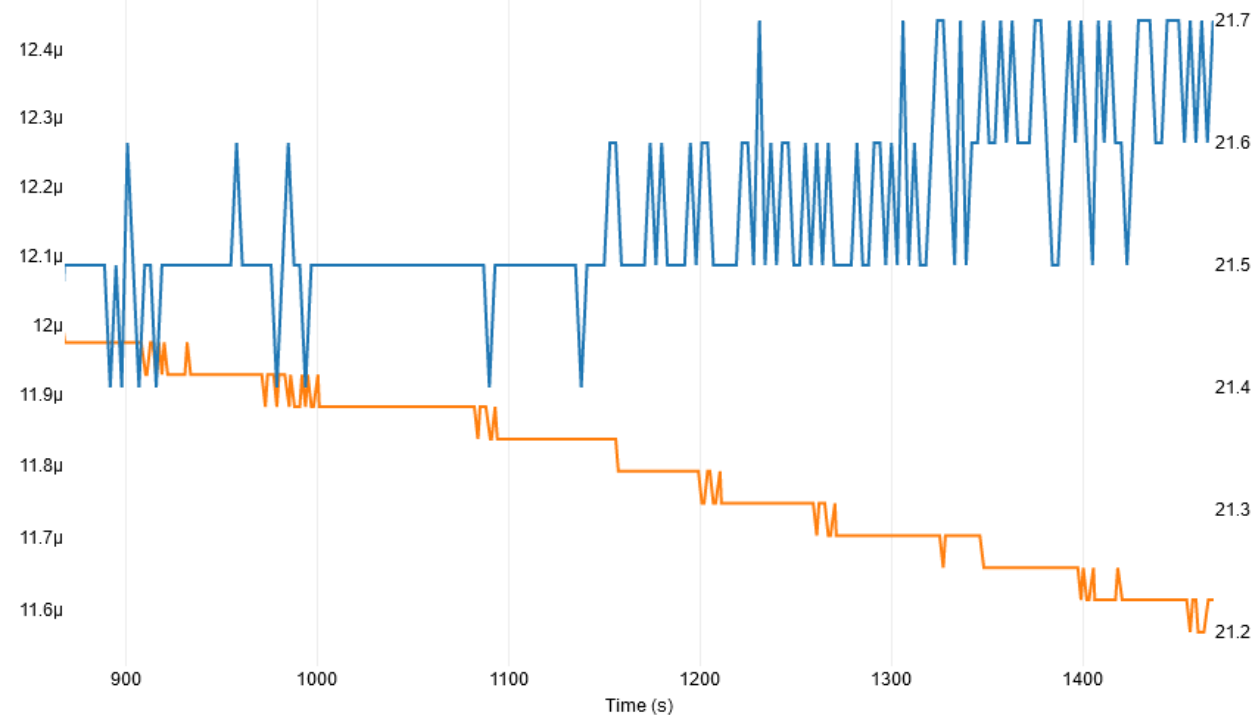
1.16e-5 mbar

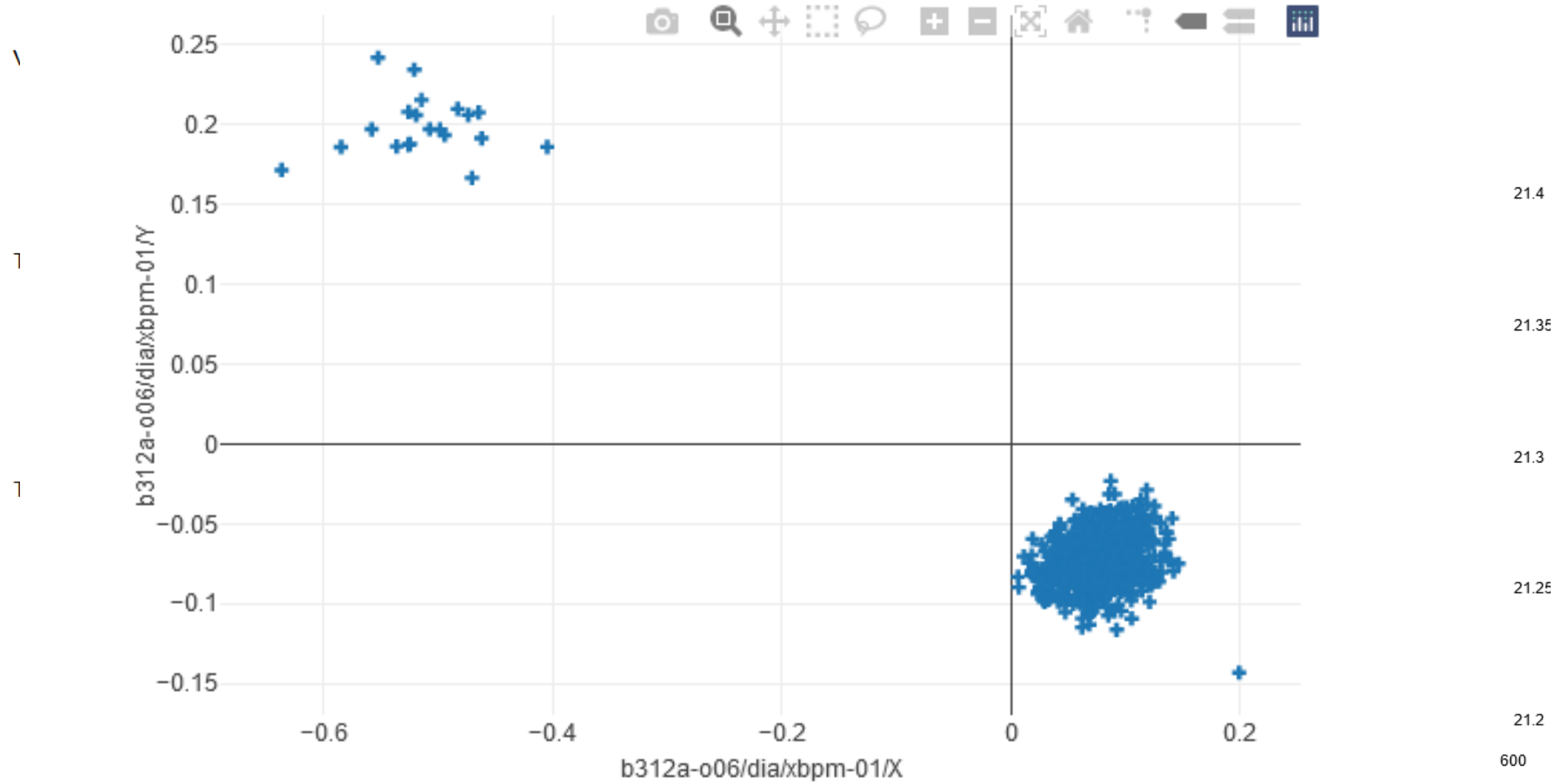
TC002

21.30 degC

TC001

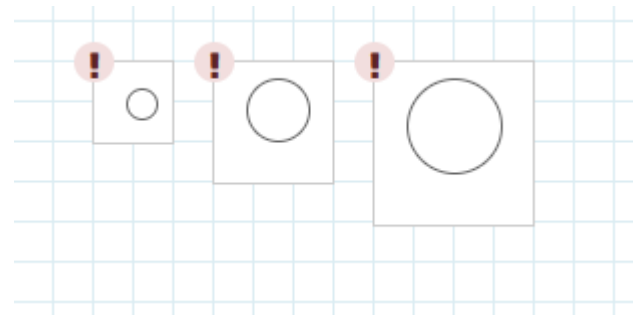
21.70 degC



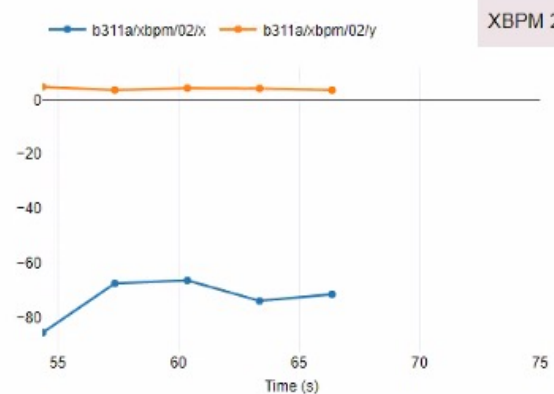


Wish list (continued)

- Tabs:
 - Just like in a browser
 - Working in background (polling issues?)
- Connection with archiver (not automatically, but on demand without exiting)
- Command switch: check state of device **at start** and set itself accordingly
- Background color change (instead of LED status)
- Attribute LED display: alignment



BioMAX



Macros

Door_Biomax

Select Macro Macro Args string will appear here

Door output will be displayed here

Motors

<input checked="" type="checkbox"/> tab2_z	600.00 mm	<input type="text" value="600"/>	<input type="button" value="Move"/>
<input checked="" type="checkbox"/> energy	12700.0	<input type="text" value="12700.00000000"/>	<input type="button" value="Move"/>
<input checked="" type="checkbox"/> transmission	80.5	<input type="text" value="80.4577697489"/>	<input type="button" value="Move"/>
<input checked="" type="checkbox"/> piezo_vfm_fpit	25.235	<input type="text" value="25.2461"/>	<input type="button" value="Move"/>
<input checked="" type="checkbox"/> piezo_hfm_fpit	23.878	<input type="text" value="23.8956"/>	<input type="button" value="Move"/>
<input checked="" type="checkbox"/> bcu_xbpm02_x	-0.579	<input type="text" value="-0.57935802"/>	<input type="button" value="Move"/>
<input checked="" type="checkbox"/> bcu_xbpm02_y	1.150	<input type="text" value="1.149737045"/>	<input type="button" value="Move"/>
<input checked="" type="checkbox"/> piezo_mono_x2pit	7.633	<input type="text" value="7.5279"/>	<input type="button" value="Move"/>
<input checked="" type="checkbox"/> piezo_mono_x2rol	8.461	<input type="text" value="0.3384"/>	<input type="button" value="Move"/>

PID X <input type="checkbox"/>	State: MOVING
PID Y <input type="checkbox"/>	State: MOVING
Safety shutter <input type="checkbox"/>	StatusOpen ●
Colibri shutter <input type="checkbox"/>	Shutter ●
Det cover <input type="checkbox"/>	StatusOpen ●
B311A_VAC_RESET_C <input type="checkbox"/>	<input type="button" value="PLC reset"/>

ISARA sample changer

Power Powered ●

Regulation LN2Regulating ●

Lid di_Lid1Open ●

LN2 level -1.66

Message: emergency stop, doors opened or air pressure fault

Status: Powered(False) Tool(Double) Path() PathRunning(False)
PathSafe(False)
PuckNumberOnTool(-1) NumSampleOnTool(-1)
PuckNumberOnTool2(0) NumSampleOnTool2(0)
Barcode()
PuckNumberOnDiff(-1) NumSampleOnDiff(-1)
NumPlateOnTool(-1)
LN2Regulating(False)
AutoMode(True) DefaultStatus(False) SpeedRatio(100.0)
CurrentNumberOfSoaking(0) DoorsOpened(False)

Eiger

Useful links (in blue network)

- [AEM1](#) [AEM2](#) [AEM3](#)
- [Hutch camera](#) [Sample changer camera](#)
- [Sample camera](#) [Back sample camera](#)
- [ISARA Loader](#)
- [Portainer](#)
- [Archive viewer](#)