PAUL SCHERRER INSTITUT
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AIK
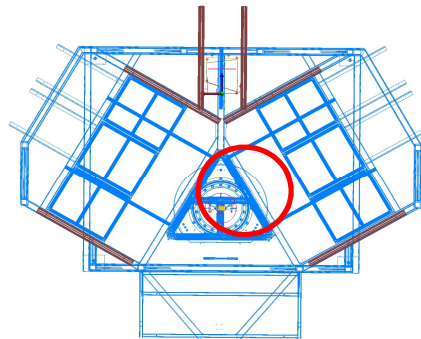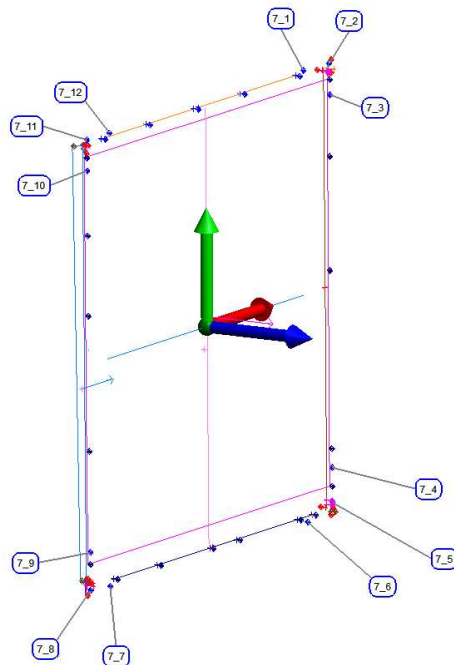Vermessung

Vermessung Komponenten MUSE
(Block 7 (geschlossen), aktuelle Vermessung vom 7.09.2022 mit LEICA-Tracker AT960-LR)

Reference Coordinate-system (right handed system) is defined by Component Geometrie:

Origin is Centerpoint (geometrical centerpoint -> projection to exit plane down-stream)

Z+ beam direction/ line of flight.

Y+ vertical up related vertical symmetry line of component (geometrical vertical middle-line not related to gravity)

local coordinates

ID	X[mm]	Y[mm]	Z[mm]
M LR OU	0	0	0
1 an Objekt	-444.139	465.294	0
2 an Objekt	-443.397	-466.198	0
3 an Objekt	444.676	-464.902	0
4 an Objekt	444.84	466.432	0
7_1	367.301	480.386	4.456
7_2	461.299	478.628	6.573
7_3	462.58	411.949	7.097
7_4	461.347	-382.388	6.956
7_5	461.704	-456.941	6.269
7_6	371.516	-482.603	3.646
7_7	-382.279	-484.35	3.856
7_8	-462.802	-478.032	6.866
7_9	-462.426	-397.187	7.226
7_10	-462.3	415.392	6.736
7_11	-462.565	481.663	6.531
7_12	-373.47	479.936	4.355