Project report

Date:	Fri Oct 14 2022 15:12:38
Build with:	Z+FLaserControl 9.0.2.24038
Project:	Bis Campulung
Master scan position:	1

Quality standard deviation of the cloud to cloud registration

d:3.05 mm

Superior matrix

1.000000	0.000000	0.000000	0.0000 m
0.000000	1.000000	0.000000	0.0000 m
0.000000	0.000000	1.000000	0.0000 m
0.000000	0.000000	0.000000	1.0000

Scan position '1'

Scan position is member of group(s):
Status registration '[23h] preregistered'
Registration matrix:

0.997339	-0.072905	0.000000	0.0000 m
0.072905	0.997339	0.000000	0.0000 m
0.000000	0.000000	1.000000	0.0000 m
0.000000	0.000000	0.000000	1.0000

Scan '1'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barometer translation rotation gps
Barometer: 0.943700 bar 595.797 m
nav translation: 0.0000 m 0.0000 m 595.3716 m accuracies: 5.1000 m 5.1000 m 0.0002 m
nav rotation: 0.0000 0.0000 355.8191 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271500 long:25.045017 satelitas:5 heigh::642.2m hdop:1.6 vdop:3.6m hacc:6.0m vacc:16.0 flags:G3 'stand alone 3D solution'
north:5014970.370 m east:346647.109 m zone:35T
Initial pre position (3x3 rotation)
0.997 -0.073 0.000 0.000
0.073 0.997 0.000 0.000
0.000 0.000 1.000 0.000
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

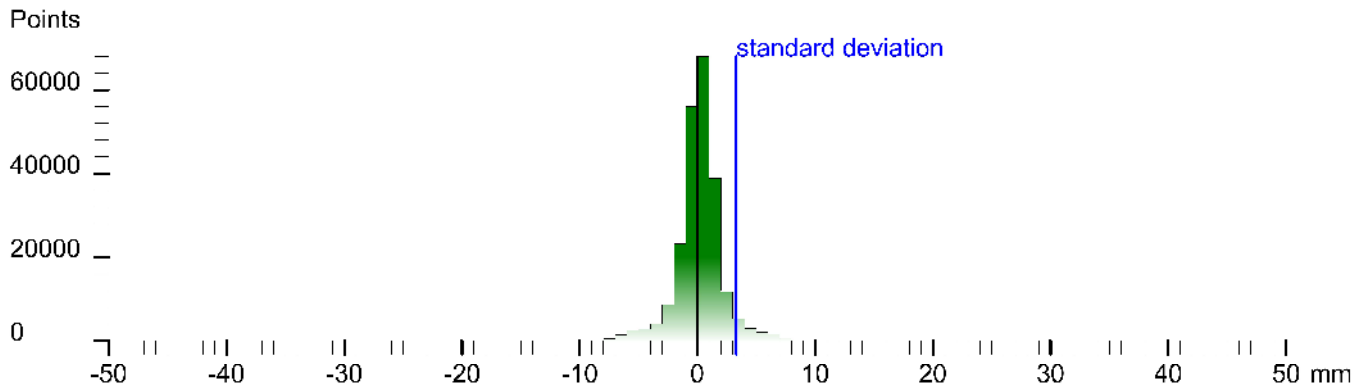
Scan position '10'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.038806	-0.999247	-0.000380	37.0790 m
0.999247	0.038806	-0.001069	-4.9950 m
0.001083	-0.000338	0.999999	-0.0639 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.3 mm

Deviation histogram



Scan '10'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barome er transla ion rotation gps
Barometer: 0.943462 bar 597.896 m
nav translation: -2.8107 m 10.0369 m 596.7781 m accuracies: 10.3610 m 10.3610 m 0.0001 m
nav rotation 0.0000 0.0000 266.0229 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271473 long:25.045488 satellites:5 heigh.:635.6m hdop:1.7 vdop:4.1m hacc:13.0m vacc:0.4 flags:G3 'standalone 3D solution'
north:5014906.508 m east:340683.992 m zone:35T
Initial pre position (3x4 tcoor)
-0.069 -0.998 0.000 36.873
0.998 -0.069 0.000 -3.595
0.000 0.000 1.000 1.407
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

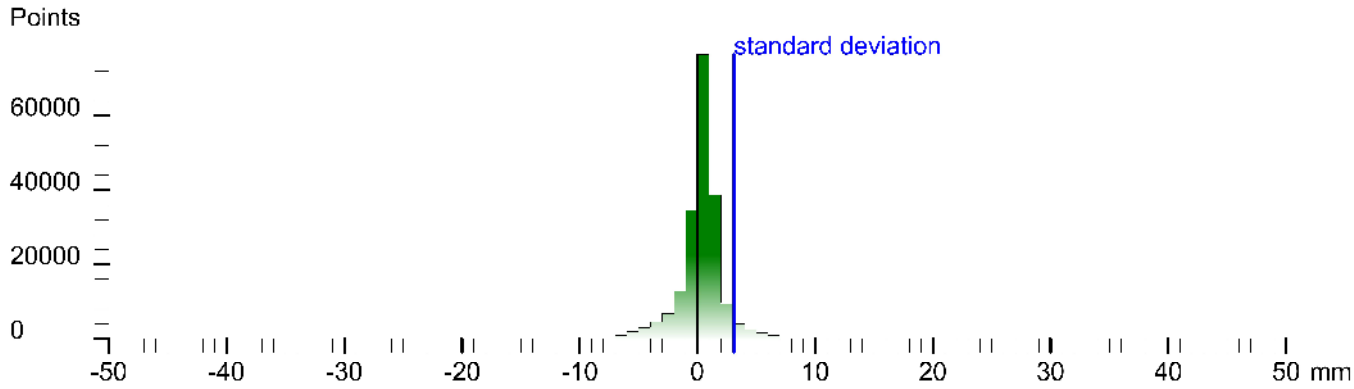
Scan position '11'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.390640	-0.920544	-0.000471	32.3991 m
0.920544	-0.390639	-0.001146	-1.3432 m
0.000871	-0.000882	0.999999	0.0721 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.1 mm

Deviation histogram



Scan '11'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barome er transla ion rotation gps
Barometer: 0.943318 bar 599.16 m
nav translation: -5.9105 m 4.8313 m 598.1444 m accuracies: 8.9709 m 8.9709 m 0.0001 m
nav rotation: 0.0000 0.0000 239.1656 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271496 long:25.045444 satellites:3 heigh.:634.4m hdop:1.0 vdop:1.0m hacc:17.4m vacc:6.9 flags:G2 'stand alone 2D solution'
north:5014909.134 m east:340680.613 m zone:35T
Initial pre position (3x4 floor)
-0.513 -0.859 0.000 30.963
0.859 -0.513 0.000 0.936
0.000 0.000 1.000 2.773
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

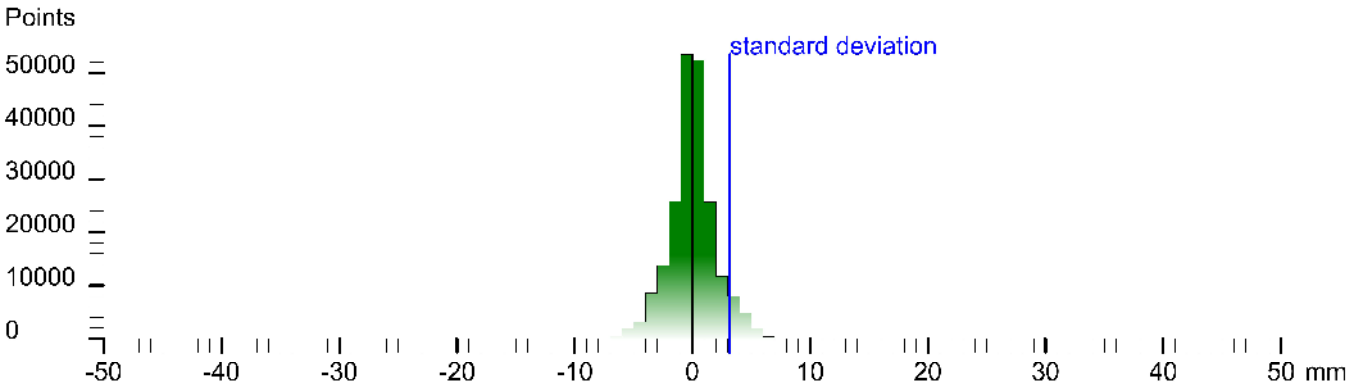
Scan position '12'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.530216	-0.847863	-0.000502	26.4908 m
0.847863	-0.530216	-0.000975	1.0490 m
0.000560	-0.000943	0.999999	0.0017 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.2 mm

Deviation histogram



Scan '12'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barome er transla ion rotation gps'
Barometer: 0.943165 bar 600.516 m
nav translation: -7.8706 m 3.2733 m 599.7921 m accuracies: 9.4089 m 9.4089 m 0.0000 m
nav rotation: 0.0000 0.0000 221.8328 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271500 long:25.045345 satellites:4 heigh.:629.0m hdop:5.9 vdop:3.2m hacc:5.4m vacc:13.0 flags:G3 'standalone 3D solution'
north:5014969.746 m east:340672.843 m zone:35T
Initial pre position (3x4 floor)
-0.745 -0.667 0.000 23.097
0.667 -0.745 0.000 4.209
0.000 0.000 1.000 4.120
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

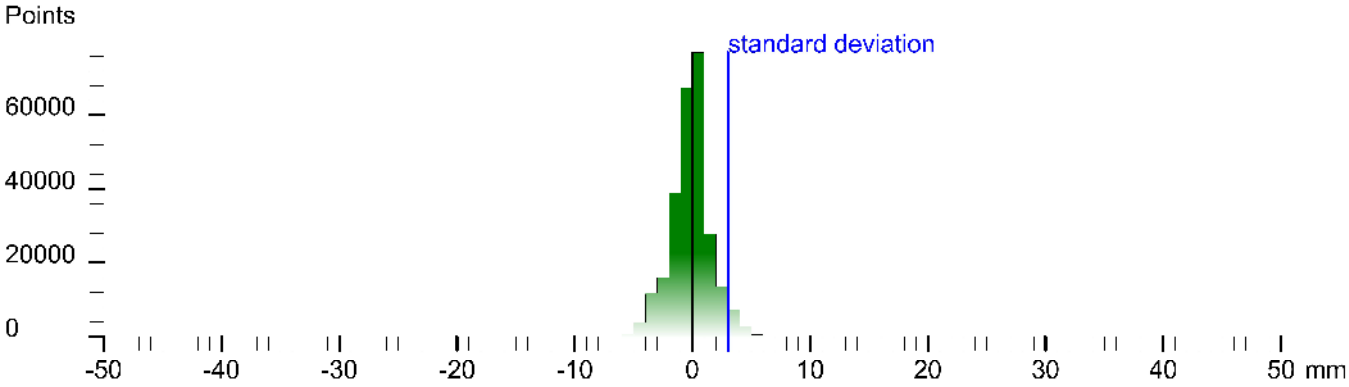
Scan position '13'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.796190	0.605048	0.000253	19.6778 m
-0.605048	0.796190	0.000298	2.7643 m
-0.000021	-0.000390	1.000000	0.0401 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.0 mm

Deviation histogram



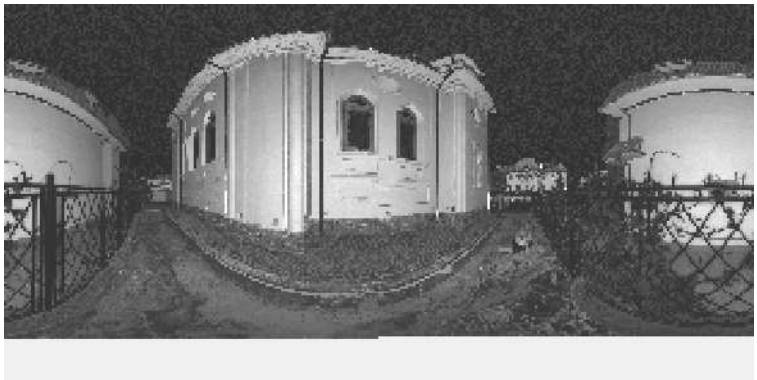
Scan '13'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 0.943246 bar 599.798 m
nav translation: -12.7173 m 1.1789 m 600.3390 m accuracies: 11.5621 m 11.5621 m 0.0001 m
nav rotation: 0.0000 0.0000 24.6969 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271526 long:25.045273 satellites:4 height:641.1m hdop:8.2 vdop:6.6m hacc:21.0m vacc:5.6 flags:G3 'standalone 3D solution'
north:5014972.851 m east:340667.230 m zone:35T
Initial pre position (3x4 tcoor)
0.909 0.418 0.000 10.375
-0.418 0.909 0.000 5.358
0.000 0.000 1.000 4.937
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



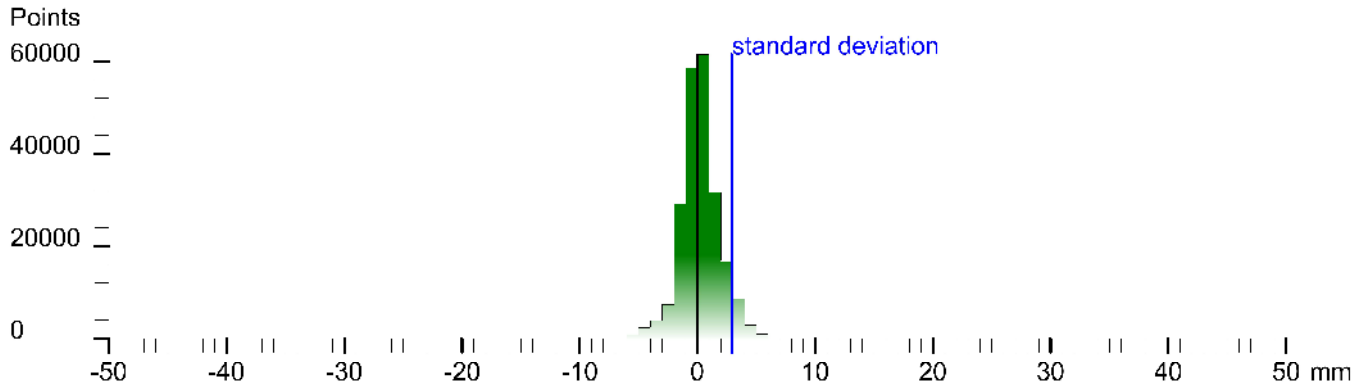
Scan position '14'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.997753	0.067005	-0.000138	13.8573 m
-0.067005	0.997753	0.000275	4.5749 m
0.000156	-0.000265	1.000000	0.0773 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.9 mm

Deviation histogram



Scan '14'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 0.943126 bar 600.853 m
nav translation: 5.0031 m 8.8817 m 600.2166 m accuracies: 10.2741 m 10.2741 m 0.0001 m
nav rotation: 0.0000 0.0000 356.1950 accuracies: 0.0000 0.0000 118.4642
upside-down: no
GPS lat:45.271511 long:25.045208 satellites:6 height:635.5m hdop:3.2 vdop:4.0m hacc:10.0m vacc:11.0 flags:G3 'stand alone 3D solution'
north:5014971.279 m east:340662.102 m zone:35T
Initial pre position (3x4 floor)
0.996 -0.084 0.000 15.378
0.084 0.996 0.000 14.243
0.000 0.000 1.000 4.845
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

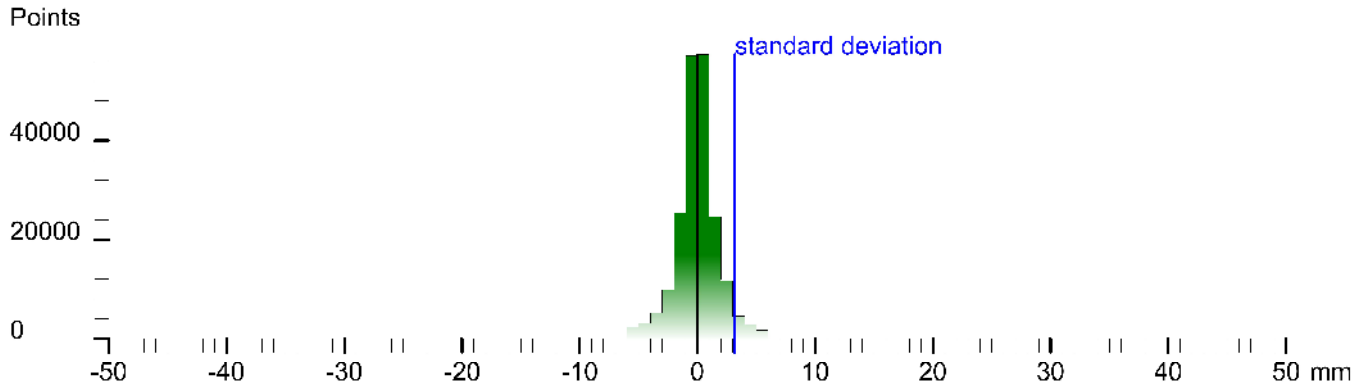
Scan position '15'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.999891	-0.014784	-0.000265	8.0342 m
0.014784	0.999892	-0.000228	6.6572 m
0.000269	0.000224	1.000000	0.1004 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.2 mm

Deviation histogram



Scan '15'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 'barometer translation rotation gps'
Barometer: 0.943098 bar 601.104 m
nav translation: 4.7803 m 6.9327 m 600.1553 m accuracies: 9.4238 m 9.4238 m 3.0000 m
nav rotation: 0.0000 0.0000 356.8434 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271553 long:25.045138 satellites:7 height:632.7m hdop:1.2 vdop:1.5m hacc:6.2m vacc:7.4 flags:G3 'stand alone 3D solution'
north:5014976.071 m east:340656.828 m zone:35T
Initial pre position (3x4 floor)
0.998 -0.055 0.000 9.713
0.055 0.998 0.000 5.658
0.000 0.000 1.000 4.784
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

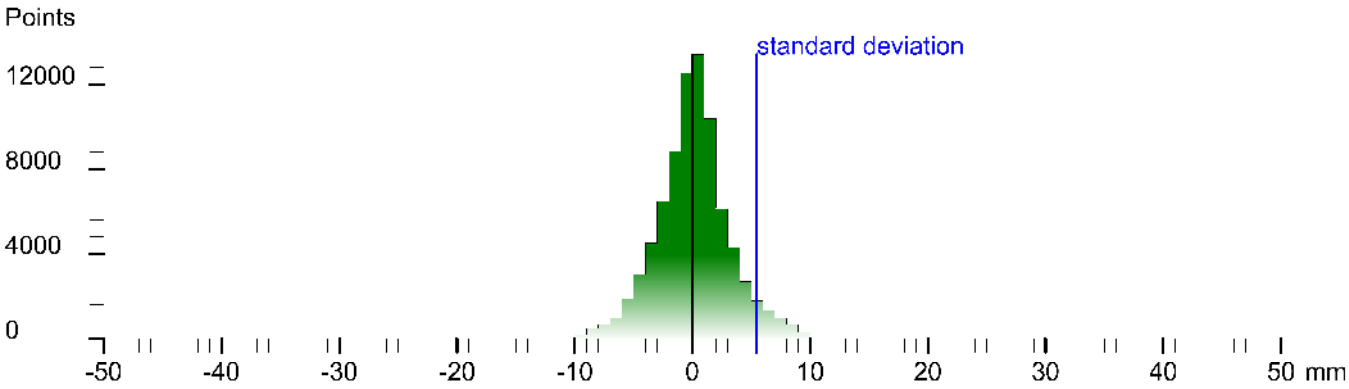
Scan position '16'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.811687	-0.584093	-0.000641	2.2577 m
0.584094	-0.811686	-0.001311	20.4584 m
0.000245	-0.001439	0.999999	-0.0692 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:5.5 mm

Deviation histogram



Scan '16'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barome er transla ion rotation gps
Barometer: 0.943273 bar 599.558 m
nav translation: -4.4558 m 11.5415 m 599.6658 m accuracies: 11.3359 m 11.3359 m 0.0001 m
nav rotation: 0.0000 0.0000 207.9145 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271875 long:25.045073 satellites:8 heigh.:636.8m hdop:1.1 vdop:1.5m hacc:4.3m vacc:5.6 flags:G3 'stand alone 3D solution'
north:5014988.759 m east:340651.921 m zone:35T
Initial pre position (3x4 matrix)
-0.884 -0.468 0.000 4.884
0.488 -0.884 0.000 13.335
0.000 0.000 1.000 4.294
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

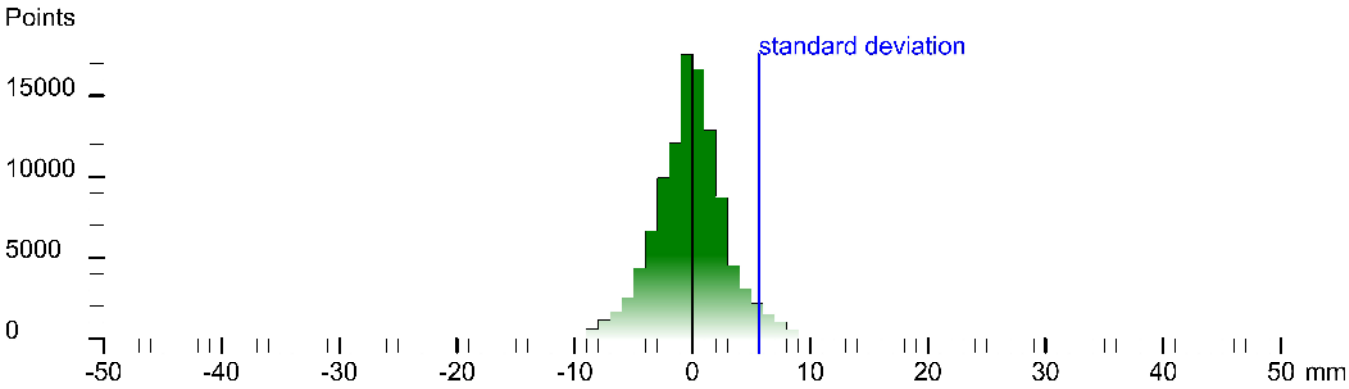
Scan position '17'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.737494	0.675353	-0.000225	-15.6534 m
-0.675352	-0.737494	-0.001244	12.3657 m
-0.001006	-0.000766	0.999999	-0.0231 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:5.6 mm

Deviation histogram



Scan '17'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barome er translation rotation gps
Barometer: 0.943334 bar 599.022 m
nav translation: -22.9708 m -10.1338 m 599.2004 m accuracies: 17.7377 m 17.7347 m 0.0000 m
nav rotation: 0.0000 0.0000 129.7962 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271599 long:25.044836 satellites:7 heigh.:633.2m hdop:1.6 vdop:1.7m hacc:5.3m vacc:7.3 flags:G3 'stand alone 3D solution'
north:5014981.733 m east:340633.163 m zone:35T
Initial pre position (3x4 tcoor)
-0.640 0.768 0.000 -13.931
-0.768 -0.640 0.000 11.342
0.000 0.000 1.000 3.829
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

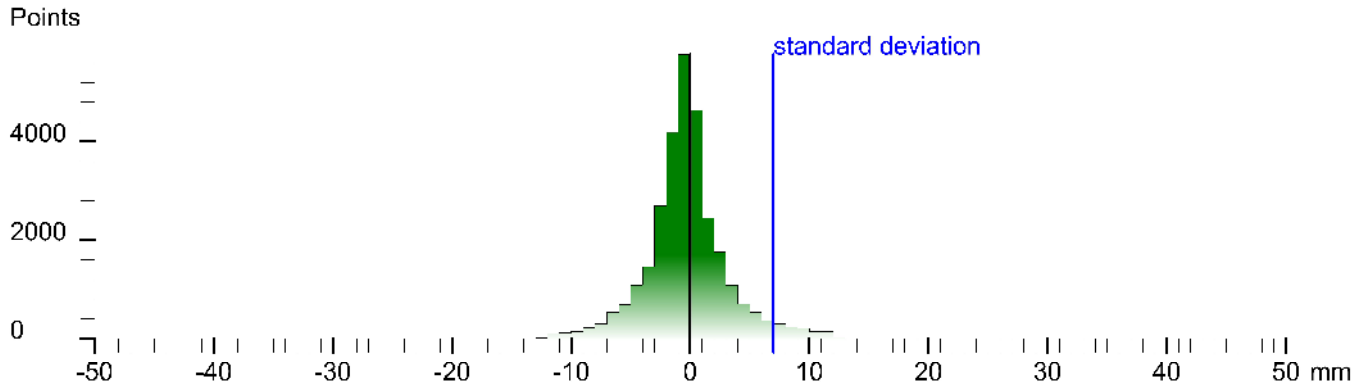
Scan position '18'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.963454	-0.267872	-0.000755	-37.0327 m
0.267873	-0.963453	-0.001368	22.7553 m
-0.000360	-0.001521	0.999999	3.0271 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:7.0 mm

Deviation histogram



Scan '18'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 'barometer translation rotation gps'
Barometer: 0.942820 bar 603.555 m
nav translation: -29.0306 m 19.6077 m 602.350[illegible] m accuracies: 22.9299 m 22.9299 m 0.0000 m
nav rotation: 0.0000 0.0000 [illegible] accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271706 long:25.044548 satellites:4 height:632.2m hdop:5.0 vdop:5.7m hacc:20.0m vacc:19.0 flags:G3 'stand alone 3D solution'
north:5014994.147 m east:3466[illegible]0.859 m zone:35T
Initial pre position (3x4 floor)
-0.996 -0.093 0.000 -42.962
0.093 -0.996 0.000 30.950
0.000 0.000 1.000 6.979
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

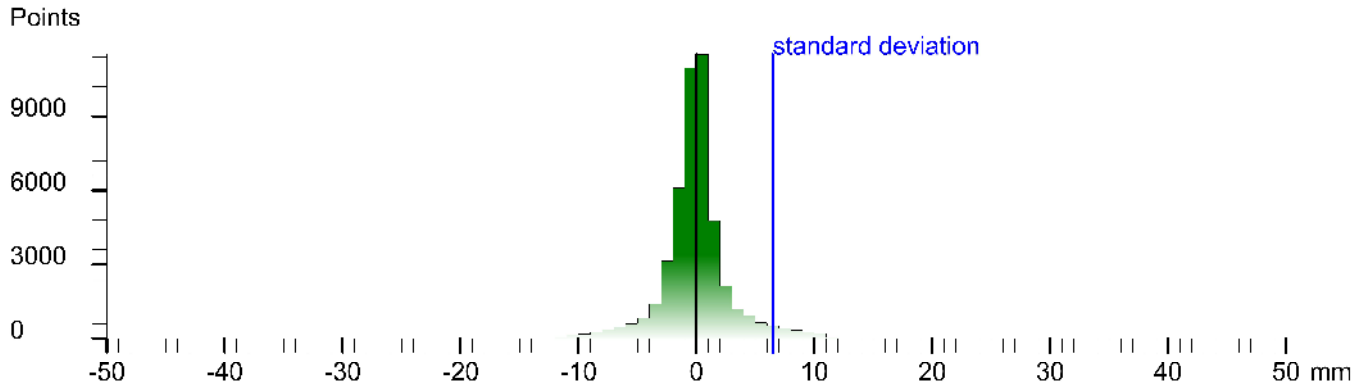
Scan position '19'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.949688	0.313196	-0.000473	-39.7062 m
-0.313197	0.949688	-0.000182	17.7015 m
0.000392	0.000321	1.000000	3.0270 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:6.5 mm

Deviation histogram



Scan '19'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 'barometer translation rotation gps'
Barometer: 0.942791 bar 603.813 m
nav translation: -1.6618 m 2.1064 m 603.6326 m accuracies: 0.4503 m 0.4503 m 0.3001 m
nav rotation: 0.0000 0.0000 [illegible] accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271856 long:25.044596 satellites:5 height:641.7m hdop:3.8 vdop:5.2m hacc:[illegible]5.0m vacc:16.0 flags:G3 'stand alone 3D solution'
north:5014988.547 m east:3466[illegible]4.466 m zone:35T
Initial pre position (3x4 floor)
0.956 0.293 0.000 -44.624
-0.293 0.956 0.000 33.057
0.000 0.000 1.000 8.261
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

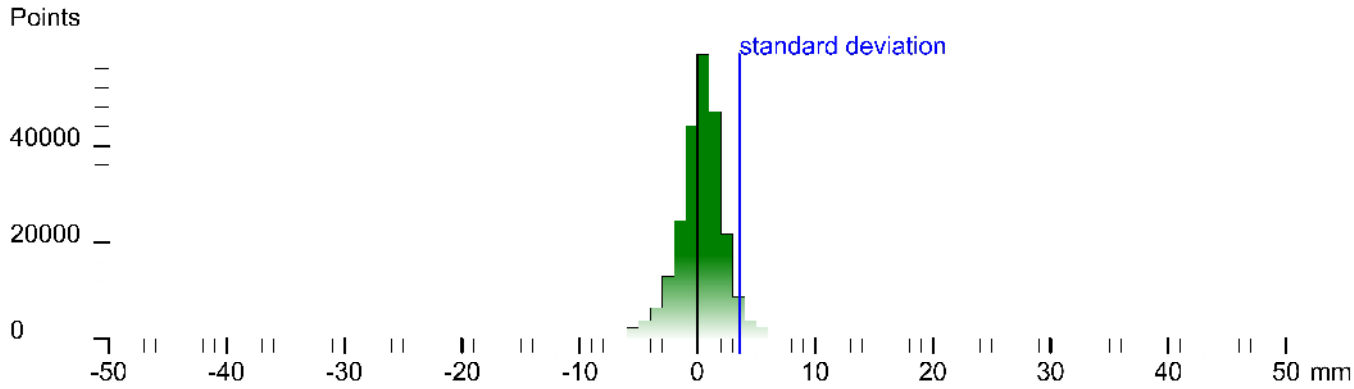
Scan position '2'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.279236	0.960223	0.000222	0.9643 m
-0.960223	0.279236	-0.000455	-8.1410 m
-0.000499	-0.000086	1.000000	-0.0495 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.6 mm

Deviation histogram



Scan '2'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 0.943701 bar 595.783 m
nav translation: 3.9157 m -5.6370 m 595.0200 m accuracies: 8.5136 m 8.5136 m 0.0001 m
nav rotation: 0.0000 0.0000 67.1070 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271446 long:25.045040 satellites:5 height:645.9m hdop:2.5 vdop:4.3m hacc:8.2m vacc:16.0 flags:G3 'standalone 3D solution'
north:5014964.394 m east:340648.761 m zone:35T
Initial pre position (3x4 tcoor)
0.389 0.921 0.000 3.916
-0.921 0.389 0.000 -5.634
0.000 0.000 1.000 -0.351
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

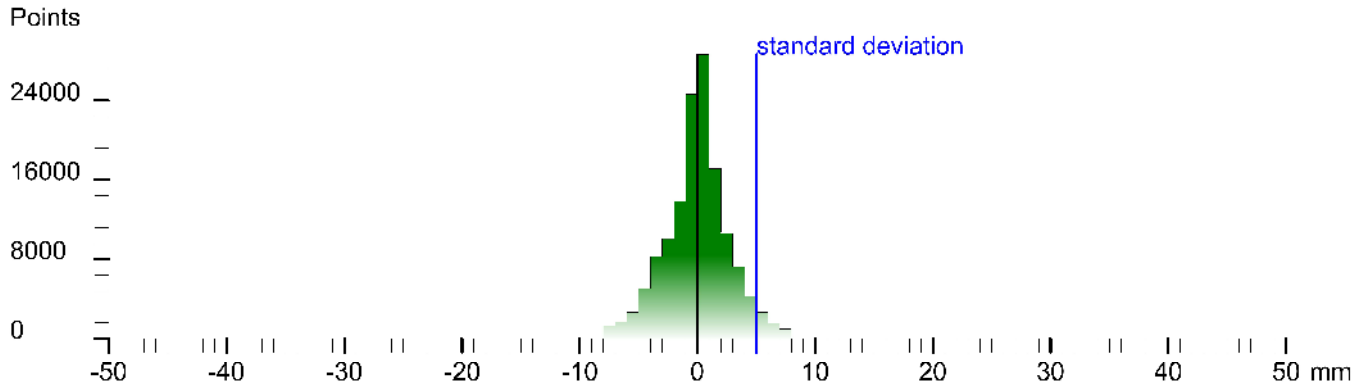
Scan position '20'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.345912	0.938267	-0.000108	-16.6314 m
-0.938267	-0.345912	-0.000769	3.4383 m
-0.000759	-0.000165	1.000000	-0.1294 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:5.0 mm

Deviation histogram



Scan '20'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barometer translation rotation gps
Barometer: 0.943353 bar 598.85 m
nav translation: -21.6980 m -32.0436 m 599.9244 m accuracies: 25.5871 m 25.5871 m 0.0000 m
nav rotation: 0.0000 0.0000 103.2791 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271538 long:25.044806 satellites:5 height:634.4m hdop:1.9 vdop:2.8m hacc:5.3m vacc:8.0 flags:G3 'stand alone 3D solution'
north:5014975.011 m east:316630.005 m zone:35T
Initial pre position (3x4 floor)
-0.230 0.973 0.000 -16.449
-0.973 -0.230 0.000 4.623
0.000 0.000 1.000 3.653
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

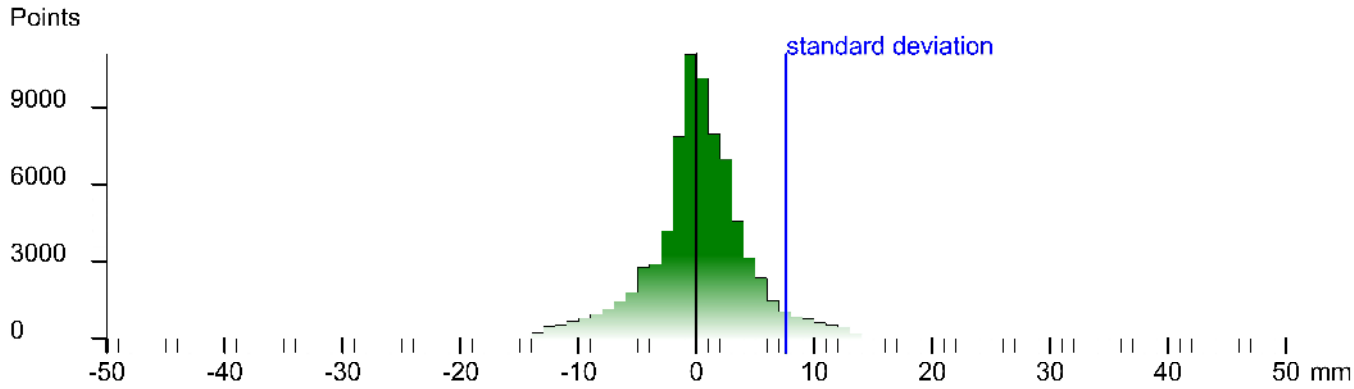
Scan position '21'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.040379	0.999185	-0.000030	-18.4755 m
-0.999184	-0.040379	-0.001177	-20.4266 m
-0.001178	-0.000018	0.999999	-0.4608 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:7.6 mm

Deviation histogram



Scan '21'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 'barometer translation rotation gps'
Barometer: 0.943319 bar 599.154 m
nav translation: -4.4372 m -32.3200 m 598.5409 m accuracies: 21.4971 m 21.4974 m 0.0000 m
nav rotation: 0.0000 0.0000 67.7344 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271320 long:25.044807 satellites:7 height:633.6m hdop:1.4 vdop:1.9m hacc:5.7m vacc:6.7 flags:G3 'stand alone 3D solution'
north:5014950.852 m east:340630.168 m zone:35T
Initial pre position (3x4 floor)
0.040 0.999 0.000 -18.958
-0.999 0.040 0.000 -19.597
0.000 0.000 1.000 3.169
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

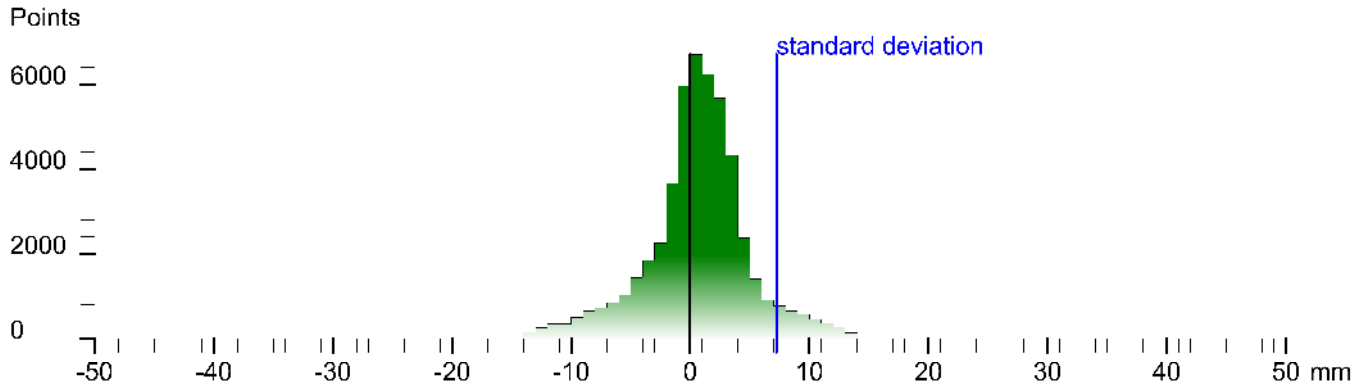
Scan position '22'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.346984	0.937871	-0.000071	-11.5850 m
-0.937871	0.346983	-0.001105	-25.2463 m
-0.001011	0.000450	0.999999	-0.4638 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:7.2 mm

Deviation histogram



Scan '22'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 'barometer translation rotation gps'
Barometer: 0.943450 bar 597.995 m
nav translation: 6.5779 m -9.9859 m 597.3583 m accuracies: 11.1513 m 11.1513 m 0.0001 m
nav rotation: 0.0000 0.0000 66.7911 accuracies: 0.0000 0.0000 16.0000
upside-down: no
GPS lat:45.271282 long:25.044895 satellites:5 height:638.0m hdop:1.5 vdop:2.5m hacc:8.9m vacc:11.0 flags:G3 'stand alone 3D solution'
north:5014916.747 m east:340636.948 m zone:35T
Initial pre position (3x4 floor)
0.394 0.919 0.000 -11.157
-0.919 0.394 0.000 -23.986
0.000 0.000 1.000 1.987
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

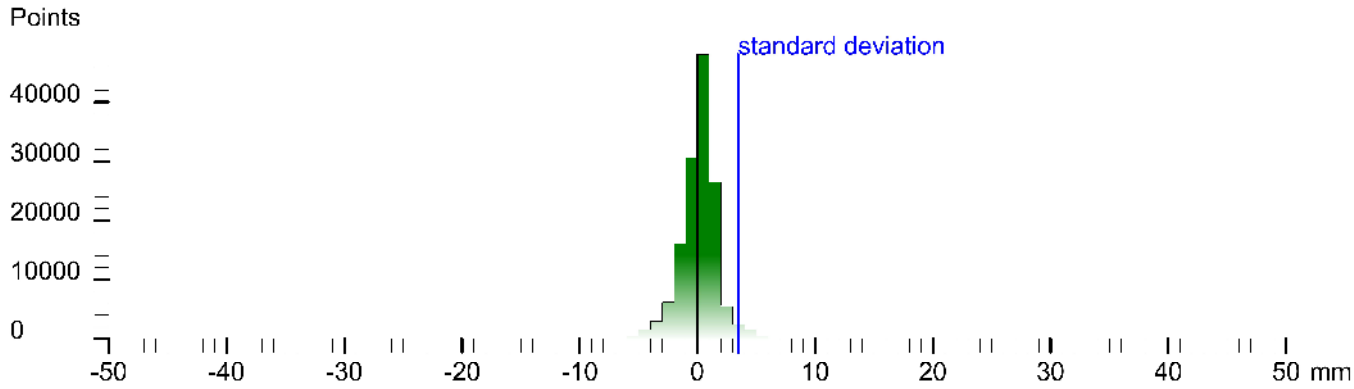
Scan position '23'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.297857	0.954611	0.000209	6.2694 m
-0.954611	-0.297856	-0.000938	-2.3182 m
-0.000833	-0.000479	1.000000	0.5869 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.4 mm

Deviation histogram



Scan '23'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 'barometer translation rotation gps'
Barometer: 0.943499 bar 597.566 m
nav translation: 22.2173 m -33.1022 m 597.6790 m accuracies: 25.2039 m 25.2039 m 0.0001 m
nav rotation: 0.0000 0.0000 99.4393 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271343 long:25.045164 satellites:3 height:623.8m hdop:4.2 vdop:1.0m hacc:17.8m vacc:9.8 flags:G2 'standalone 2D solution'
north:5014952.716 m east:340658.208 m zone:35T
Initial pre position (3x4 floor)
-0.164 0.986 0.000 12.090
-0.986 -0.164 0.000 -57.088
0.000 0.000 1.000 2.307
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

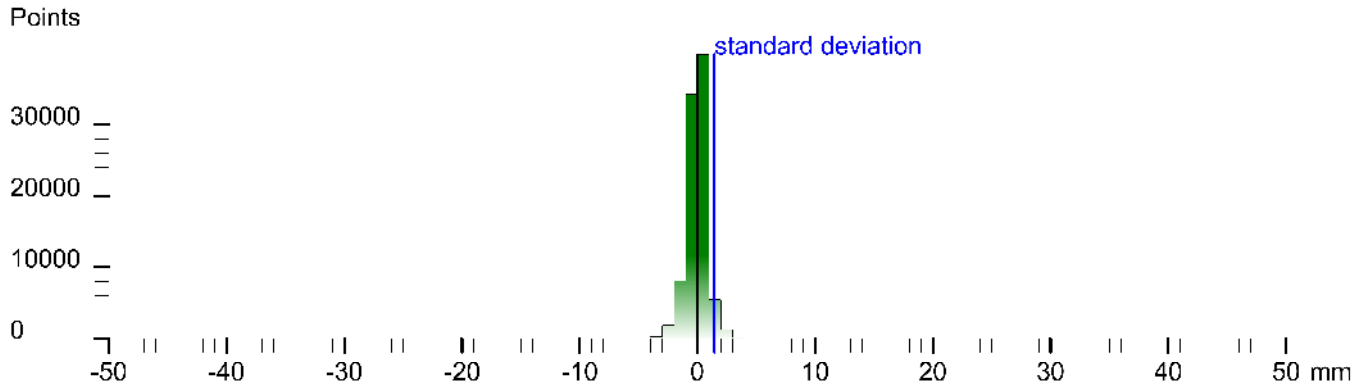
Scan position '24'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.337193	0.941436	0.000327	7.5976 m
-0.941435	-0.337193	-0.001055	-2.6180 m
-0.000883	-0.000663	0.999999	0.5840 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.5 mm

Deviation histogram



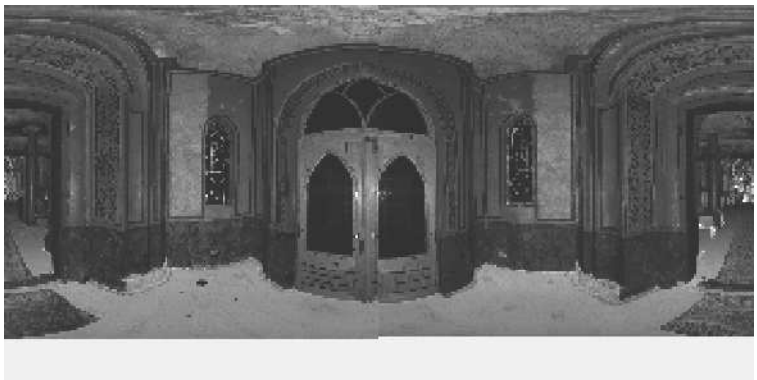
Scan '24'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.943391 bar 598.521 m
nav translation: 0.9102 m -2.9176 m 597.7478 m accuracies: 0.0478 m 0.0478 m 0.0000 m
nav rotation: 0.0000 0.0000 98.9287 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.155 0.988 0.000 13.000
-0.988 -0.155 0.000 -60.000
0.000 0.000 1.000 2.378
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



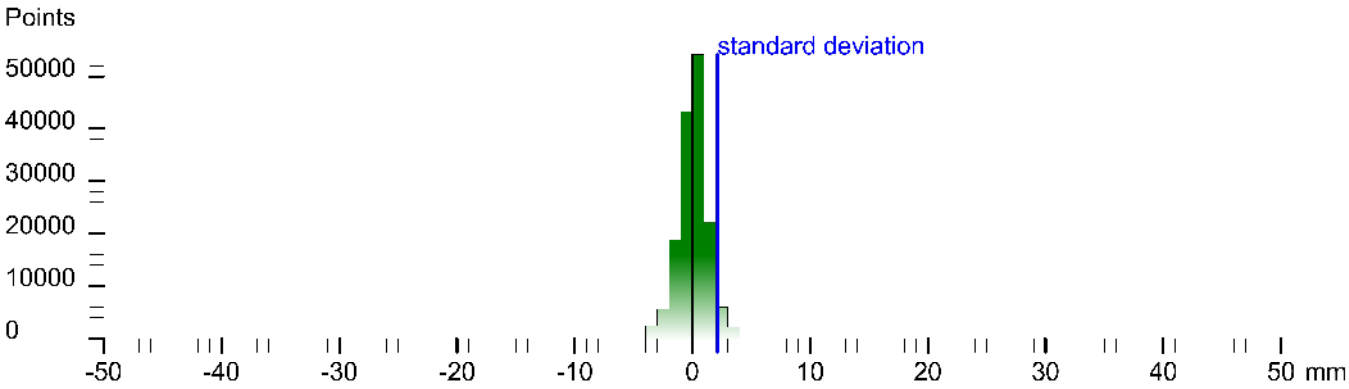
Scan position '25'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.869750	0.493494	0.000159	9.2787 m
-0.493493	-0.869749	-0.001460	-3.1224 m
-0.000582	-0.001349	0.999999	0.7320 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.1 mm

Deviation histogram



Scan '25'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barome er translatio rotation'
Barometer: 0.943145 bar 600.685 m
nav translation: -0.0307 m -1.0922 m 599.9915 m accuracies: 5.9659 m 5.9659 m 0.0001 m
nav rotation 0.0000 0.0000 142.2962 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
-0.791 0.612 0.000 12.970
-0.612 -0.791 0.000 -61.692
0.000 0.000 1.000 4.620
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

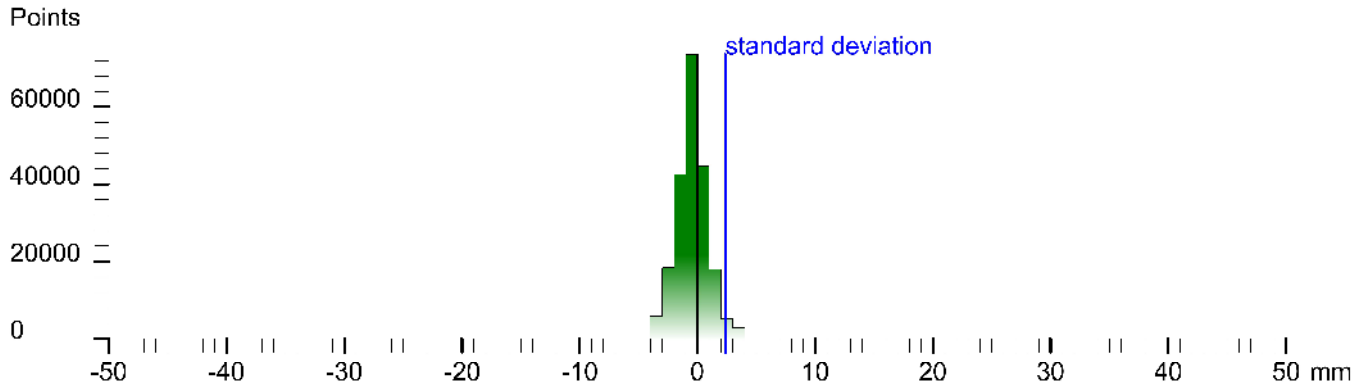
Scan position '26'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.110262	0.993903	0.000628	11.4393 m
-0.993902	-0.110261	-0.000901	-3.7571 m
-0.000827	-0.000723	0.999999	0.7303 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.4 mm

Deviation histogram



Scan '26'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.943392 bar 598.511 m
nav translation: -0.2390 m -2.359[illegible] m 599.4[illegible]77 m accuracies: 0.2980 m 0.2980 m 0.0002 m
nav rotation: 0.0000 0.0000 69.91[illegible]8 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.002 1.000 0.000 12.731
-1.000 0.002 0.000 -64.951
0.000 0.000 1.000 4.046
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

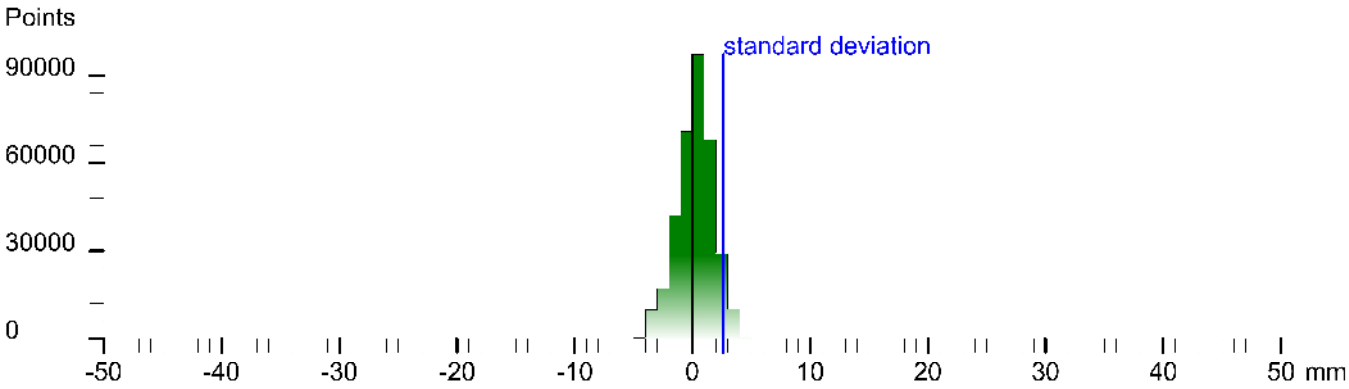
Scan position '27'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.924014	0.382360	0.000079	15.7766 m
-0.382360	0.924014	-0.000340	-4.8941 m
-0.000203	0.000284	1.000000	0.7288 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.6 mm

Deviation histogram



Scan '27'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.943511 bar 597.461 m
nav translation: 2.6511 m -2.0051 m 597.2450 m accuracies: 0.7764 m 0.7764 m 0.0001 m
nav rotation: 0.0000 0.0000 [illegible] accuracies: 0.0000 0.0000 [illegible]
upside-down: no
Initial pre position (0:indoor)
0.955 0.296 0.000 15.395
-0.296 0.955 0.000 -66.096
0.000 0.000 1.000 1.873
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

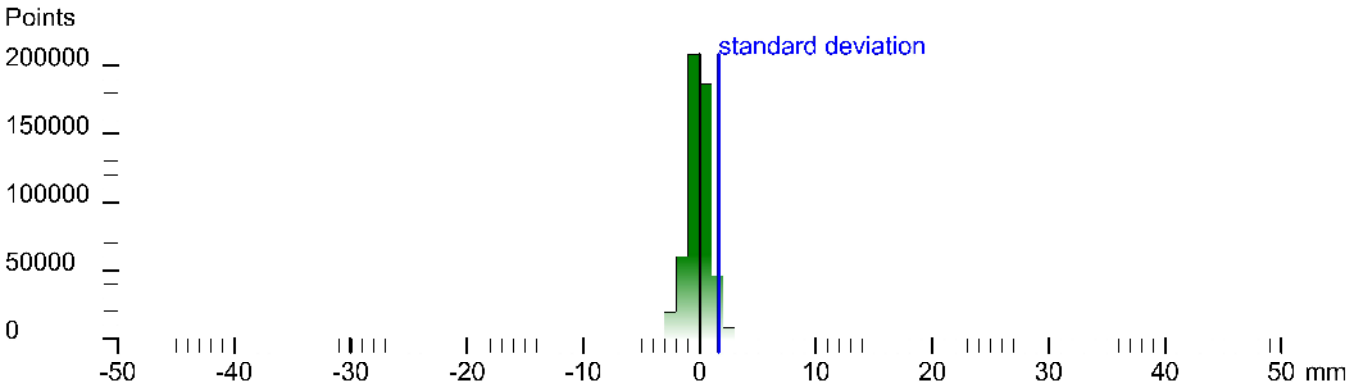
Scan position '28'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.978844	0.204608	0.000237	19.1007 m
-0.204608	0.978844	-0.000234	-5.8589 m
-0.000280	0.000181	1.000000	0.7307 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.6 mm

Deviation histogram



Scan '28'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.943338 bar 598.985 m
nav translation: 4.3373 m 0.6823 m 598.3349 m accuracies: 7.2979 m 7.2979 m 0.0000 m
nav rotation: 0.0000 0.0000 6.9676 accuracies: 0.0000 0.0000 16.0000
upside-down: no
Initial pre position (0:indoor)
0.988 0.156 0.000 19.692
-0.156 0.988 0.000 -66.374
0.000 0.000 1.000 2.963
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

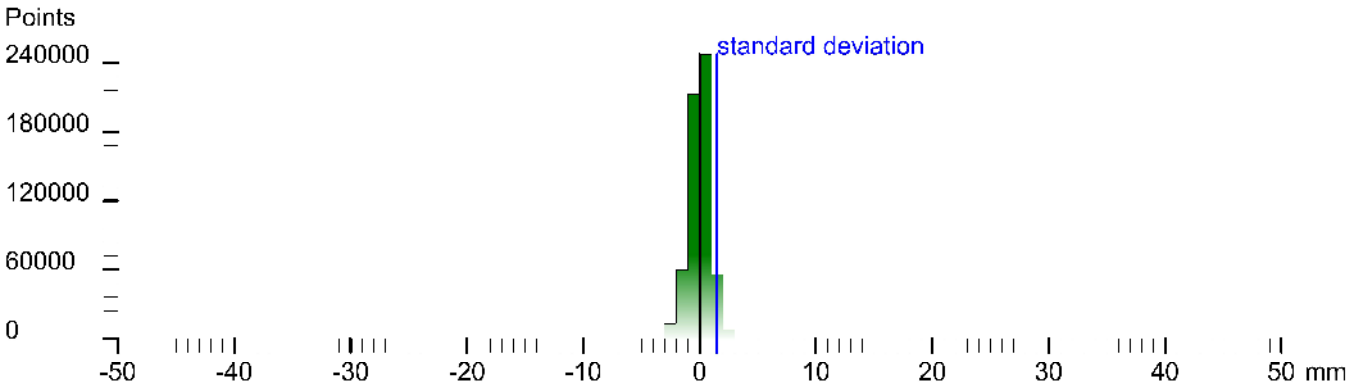
Scan position '29'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.882716	-0.469907	-0.000028	21.6719 m
0.469907	0.882716	-0.000508	-6.5879 m
0.000264	0.000435	1.000000	0.7358 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.5 mm

Deviation histogram



Scan '29'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.943283 bar 599.474 m
nav translation: 1.6614 m 1.3387 m 599.0261 m accuracies: 6.1963 m 6.1963 m 3.0001 m
nav rotation: 0.0000 0.0000 331.0201 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.875 -0.485 0.000 21.356
0.485 0.875 0.000 -64.038
0.000 0.000 1.000 3.655
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

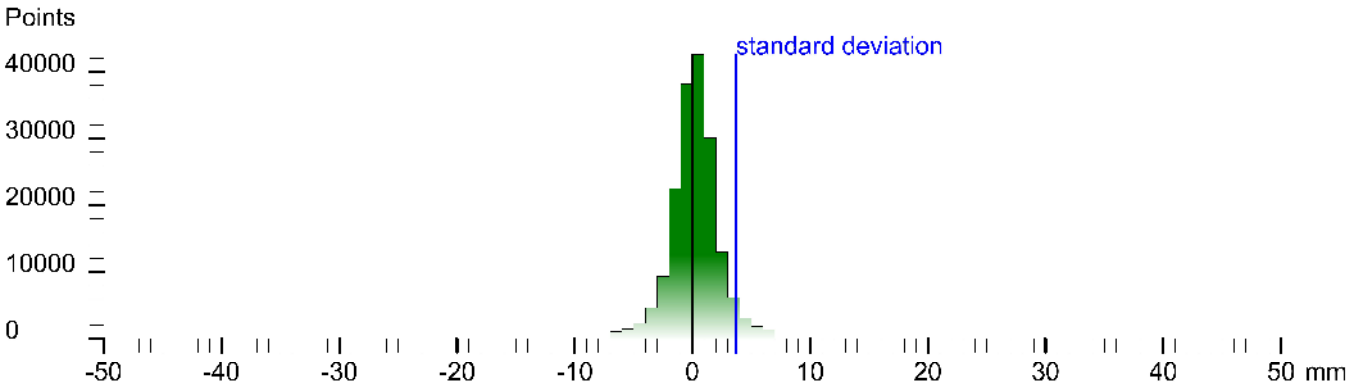
Scan position '3'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.972794	-0.231673	-0.000440	4.7521 m
0.231673	-0.972792	-0.001803	-12.1397 m
-0.000010	-0.001856	0.999998	-0.0715 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.7 mm

Deviation histogram



Scan '3'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barometer translation rotation gps
Barometer: 0.943860 bar 594.384 m
nav translation: 3.7168 m -0.9604 m 594.4190 m accuracies: 8.9952 m 8.9952 m 0.0000 m
nav rotation: 0.0000 0.0000 -99.4233 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271389 long:25.045090 satellites:4 height:637.5m hdop:5.7 vdop:13.6m hacc:11.0m vacc:13.0 flags:G3 'stand alone 3D solution'
north:5014957.943 m east:340652.497 m zone:35T
Initial pre position (3x4 floor)
-0.984 -0.966 0.000 7.033
0.288 -0.984 0.000 -12.594
0.000 0.000 1.000 -0.953
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

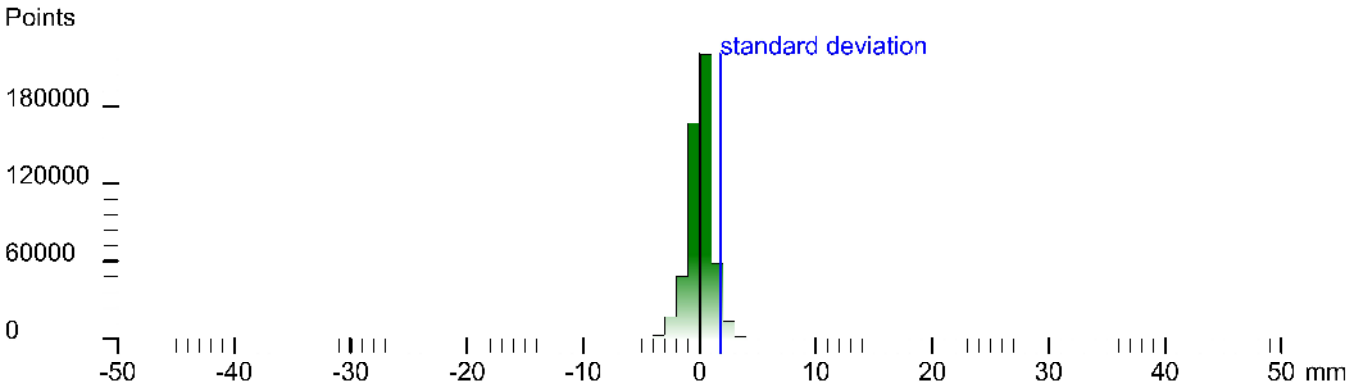
Scan position '30'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.998611	0.052690	0.000260	24.6136 m
-0.052690	0.998611	-0.000301	-4.2796 m
-0.000276	0.000286	1.000000	0.7382 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.8 mm

Deviation histogram



Scan '30'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.943326 bar 598.091 m
nav translation: 3.4070 m 2.9176 m 598.0052 m accuracies: 7.3584 m 7.3584 m 3.0000 m
nav rotation: 0.0000 0.0000 356.7480 accuracies: 0.0000 0.0000 179.0766
upside-down: no
Initial pre position (0:indoor)
0.998 -0.057 0.000 24.763
0.057 0.998 0.000 -61.118
0.000 0.000 1.000 2.634
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

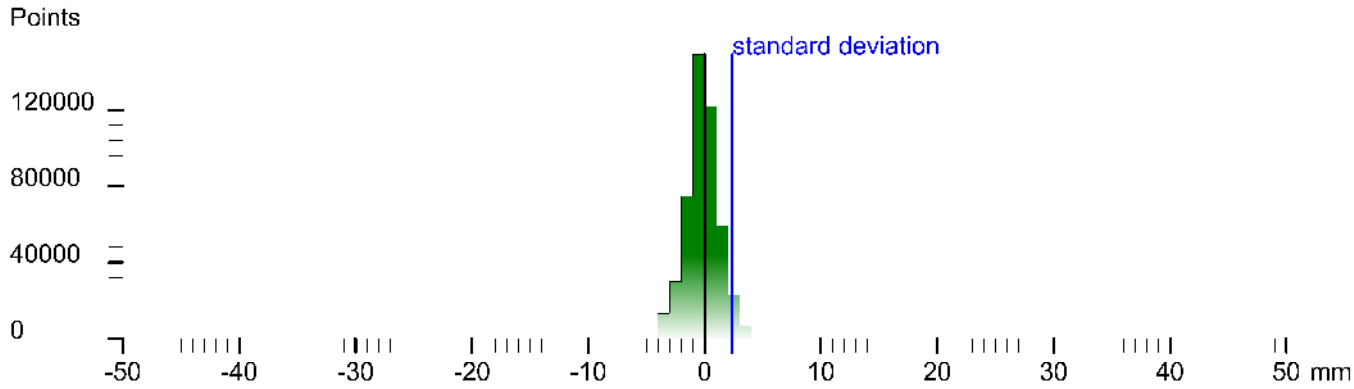
Scan position '31'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.432329	0.901716	0.000980	23.2637 m
-0.901716	-0.432327	-0.001426	-9.9223 m
-0.000862	-0.001500	0.999999	0.7273 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.4 mm

Deviation histogram



Scan '31'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.943161 bar 600.543 m
nav translation: 0.0573 m -0.4009 m 599.2750 m accuracies: 5.3087 m 5.3087 m 0.0000 m
nav rotation: 0.0000 0.0000 107.7399 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.305 0.952 0.000 24.821
-0.952 -0.305 0.000 -61.518
0.000 0.000 1.000 3.844
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

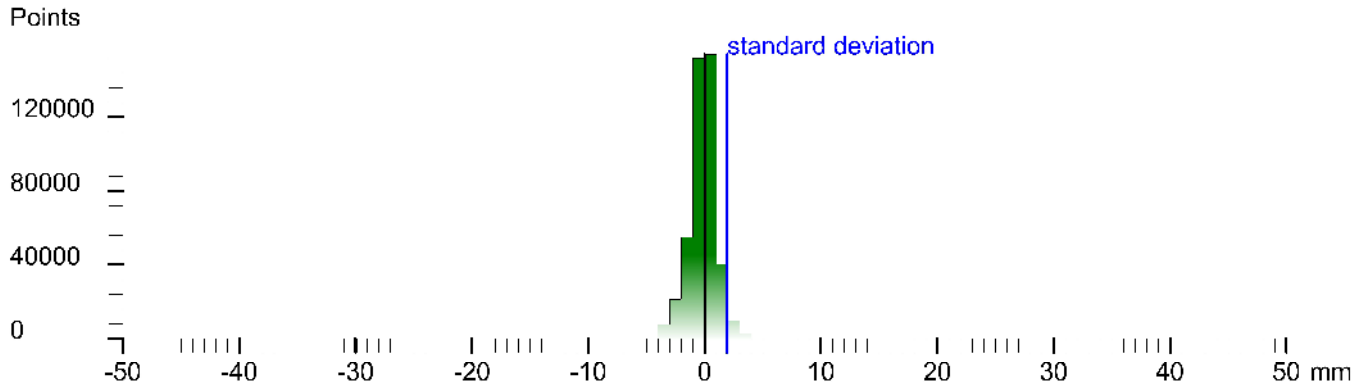
Scan position '32'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.989386	0.145309	0.000694	26.2184 m
-0.145309	0.989387	-0.000364	-7.8928 m
-0.000739	0.000259	1.000000	0.7383 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.0 mm

Deviation histogram



Scan '32'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.943176 bar 600.415 m
nav translation: 2.3320 m -0.0084 m 599.6722 m accuracies: 0.2745 m 0.2745 m 0.0000 m
nav rotation: 0.0000 0.0000 4.7229 accuracies: 0.0000 0.0000 [illegible]
upside-down: no
Initial pre position (0:indoor)
0.997 0.082 0.000 27.[illegible]53
-0.082 0.997 0.000 -61.588
0.000 0.000 1.000 4.301
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

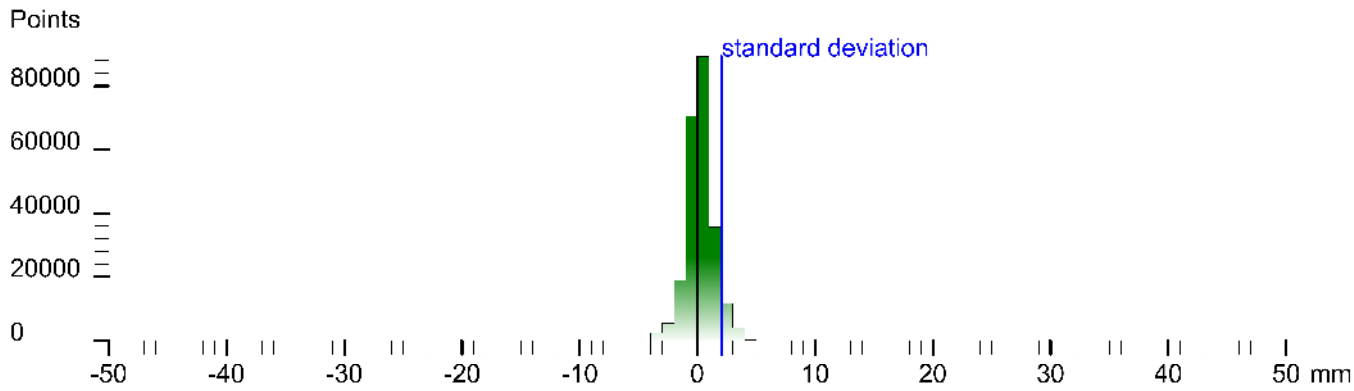
Scan position '33'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.274971	0.961452	0.001077	28.2705 m
-0.961451	0.274972	-0.001995	-10.5617 m
-0.002215	-0.000487	0.999997	0.8982 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.1 mm

Deviation histogram



Scan '33'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barome er translation rotation'
Barometer: 0.942060 bar 610.267 m
nav translation: 0.0000 m 0.0000 m 610.0884 m accuracies: 5.1000 m 5.1000 m 3.0001 m
nav rotation 0.0000 0.0000 67.8838 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
0.376 0.926 0.000 27.753
-0.926 0.376 0.000 -61.588
0.000 0.000 1.000 14.717
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

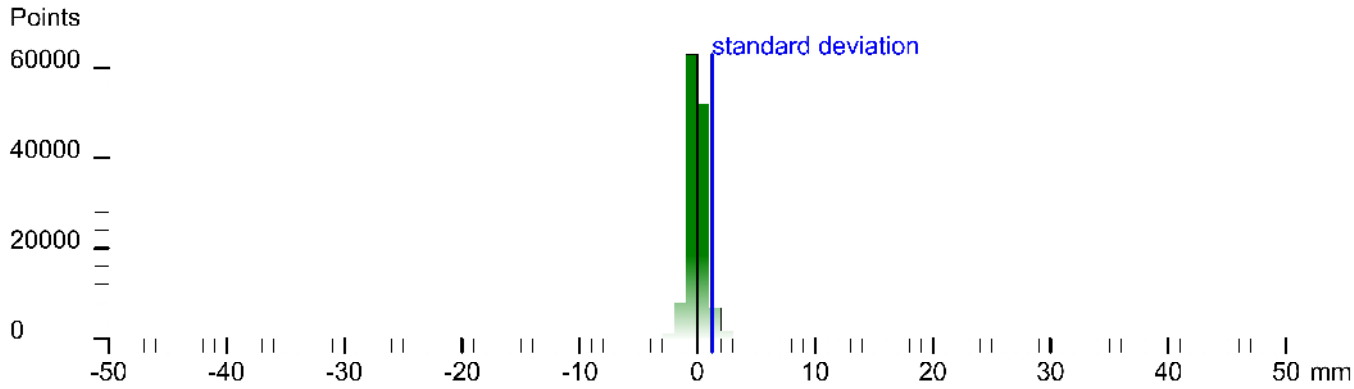
Scan position '34'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.370548	0.928813	0.001485	29.7376 m
-0.928813	0.370549	-0.000642	-10.5150 m
-0.001147	-0.001142	0.999999	0.8944 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.3 mm

Deviation histogram



Scan '34'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.942074 bar 610.145 m
nav translation: 0.2382 m -0.1774 m 609.8365 m accuracies: 5.2532 m 5.2532 m 0.0001 m
nav rotation: 0.0000 0.0000 67.3859 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.385 0.923 0.000 27.391
-0.923 0.385 0.000 -61.765
0.000 0.000 1.000 14.465
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

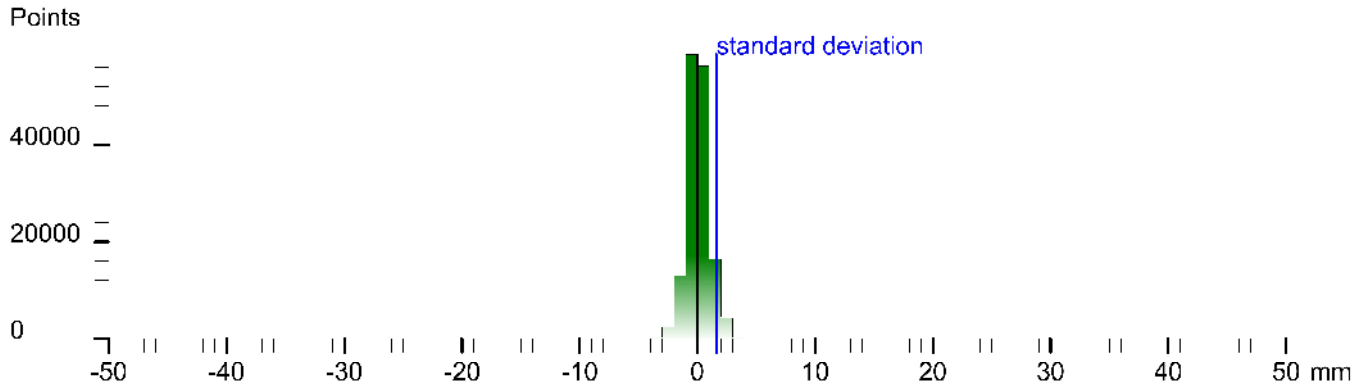
Scan position '35'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.992140	0.125134	0.000793	32.1905 m
-0.125134	0.992140	-0.000253	-10.6252 m
-0.000818	0.000152	1.000000	0.8901 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.6 mm

Deviation histogram



Scan '35'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.942141 bar 609.547 m
nav translation: 2.3824 m -0.5079 m 609.5998 m accuracies: 0.3308 m 0.3308 m 0.0000 m
nav rotation: 0.0000 0.0000 6.3378 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.989 0.115 0.000 29.773
-0.145 0.989 0.000 -62.273
0.000 0.000 1.000 14.228
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

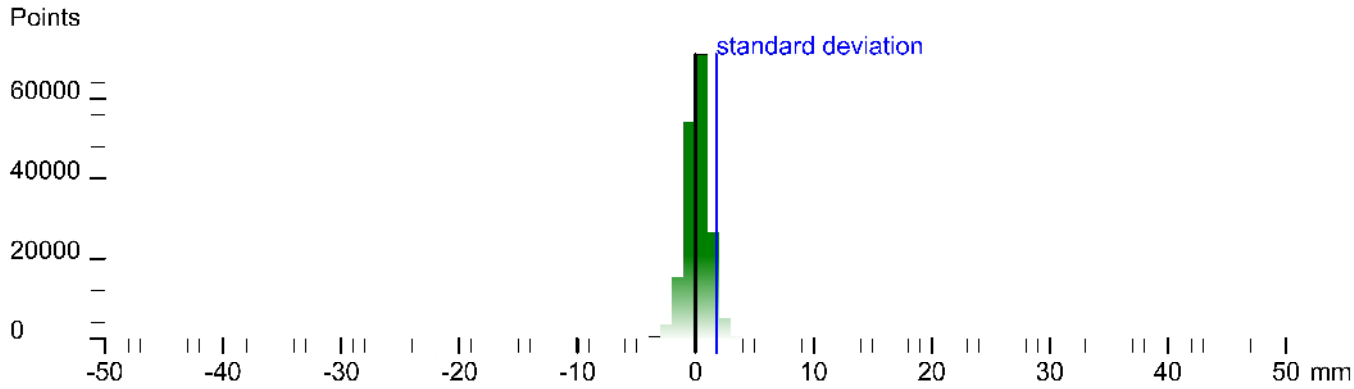
Scan position '36'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.814599	-0.580025	0.000225	30.6070 m
0.580025	0.814599	-0.000207	-7.5336 m
-0.000063	0.000300	1.000000	0.8930 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.8 mm

Deviation histogram



Scan '36'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

[illegible]
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.942055 bar 610.314 m
nav translation: -0.6364 m 3.2170 m 610.1117 m accuracies: 6.7691 m 6.7691 m 0.0000 m
nav rotation: 0.0000 0.0000 322.8878 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.797 -0.603 0.000 29.137
0.603 0.797 0.000 -59.066
0.000 0.000 1.000 14.740
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

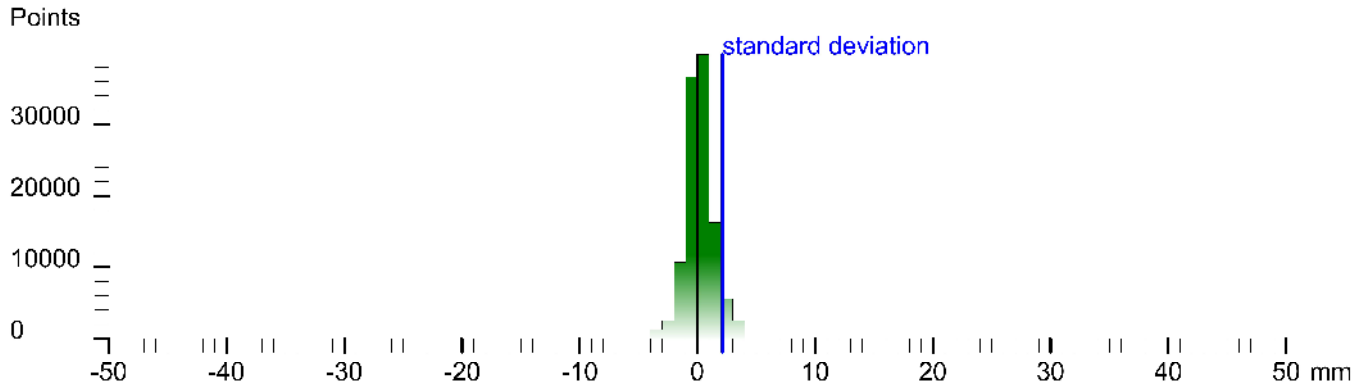
Scan position '37'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.336388	-0.941724	0.000232	10.0041 m
0.941723	-0.336388	-0.000682	-5.5987 m
0.000721	-0.000012	0.999999	0.6943 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.1 mm

Deviation histogram



Scan '37'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barometer translation rotation'
Barometer: 0.947272 bar 564.346 m
nav translation: 0.0000 m 0.0000 m 503.8599 m accuracies: 5.1000 m 5.1000 m 3.0001 m
nav rotation: 0.0000 0.0000 246.9068 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
-0.392 -0.920 0.000 29.137
0.920 -0.392 0.000 -59.096
0.000 0.000 1.000 -31.517
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

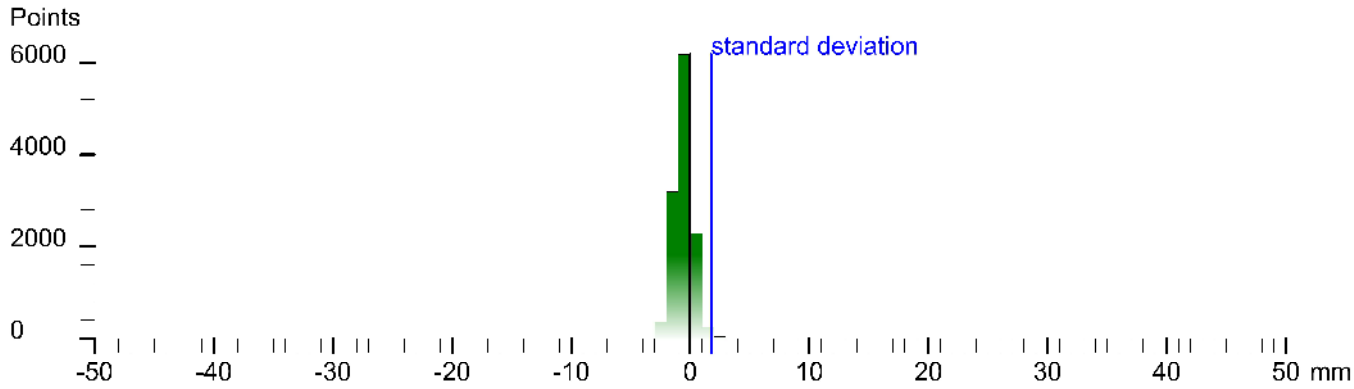
Scan position '38'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.996588	0.082539	0.000644	9.3012 m
-0.082540	-0.996586	-0.001659	-6.9967 m
0.000504	-0.001707	0.999998	1.0441 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.8 mm

Deviation histogram



Scan '38'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 ' barome er transla ion rotation'
Barometer: 0.947387 bar 563.334 m
nav translation: -0.6880 m -0.483' m 563.3875 m accuracies: 5.5238 m 5.5238 m 0.0001 m
nav rotation 0.0000 0.0000 ' 69.4901 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
-0.983 0 182 0.000 28.449
-0.182 -0.983 0.000 -59 539
0.000 0.000 1.000 -31.984
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

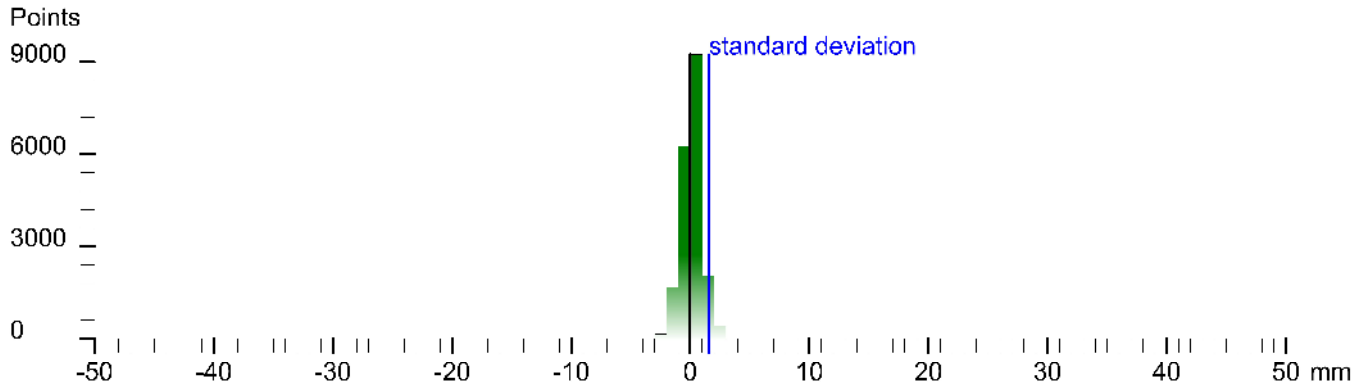
Scan position '39'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.584566	0.811346	0.001031	10.2380 m
-0.811346	0.584566	0.000455	-7.9373 m
-0.000234	-0.001101	0.999999	1.8045 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.6 mm

Deviation histogram



Scan '39'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947331 bar 563.827 m
nav translation: -0.5863 m -1.2089 m 563.1758 m accuracies: 5.7831 m 5.7831 m 0.0000 m
nav rotation: 0.0000 0.0000 52.7965 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.605 0.796 0.000 27.863
-0.796 0.605 0.000 -60.748
0.000 0.000 1.000 -32.196
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

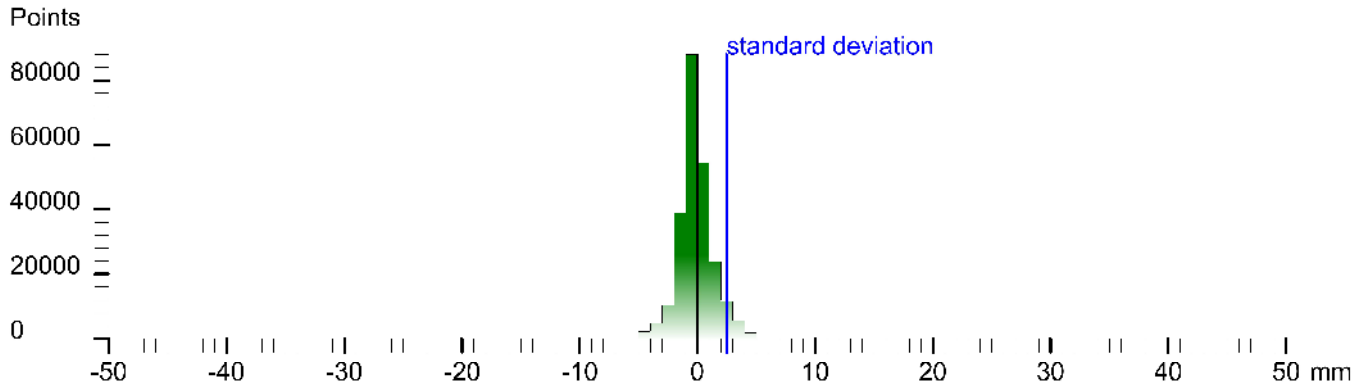
Scan position '4'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.997147	0.075486	0.000054	11.6724 m
-0.075486	-0.997145	-0.001858	-15.9689 m
-0.000086	-0.001857	0.999998	-0.1030 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.5 mm

Deviation histogram



Scan '4'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barome er translation rotation gps
Barometer: 0.943744 bar 595.404 m
nav translation: -7.5788 m -3.9177 m 594.5470 m accuracies: 9.4021 m 9.4021 m 0.0001 m
nav rotation: 0.0000 0.0000 [illegible] accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271351 long:25.045172 satellites:6 height:637.9m hdop:[illegible].9 vdop:2.2m hacc:[illegible]4.0m vacc:15.0 flags:G3 'stand alone 3D solution'
north:5014953.549 m east:340658.827 m zone:35T
Initial pre position (3x4 floor)
-0.974 0.228 0.000 [illegible] 1.757
-0.228 -0.974 0.000 -16.648
0.000 0.000 1.000 -0.825
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

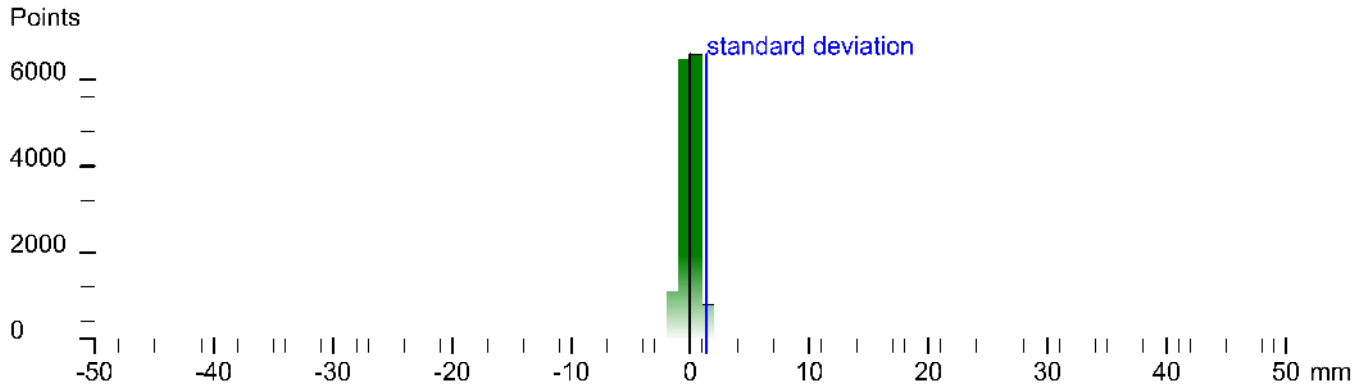
Scan position '40'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.590250	-0.807221	-0.000472	10.6841 m
0.807221	0.590250	0.000110	-6.8709 m
0.000191	-0.000446	0.999999	2.5210 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.4 mm

Deviation histogram



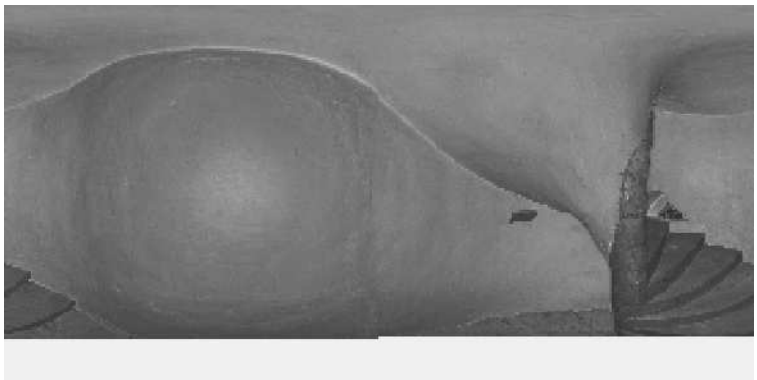
Scan '40'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 ' barome er translation rotation'
Barometer: 0.947317 bar 563.944 m
nav translation: 0.9723 m 1.2530 m 563.8751 m accuracies: 5.9095 m 5.9095 m 3.0000 m
nav rotation 0.0000 0.0000 309.3591 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
0.631 -0.773 0.000 28.835
0.773 0.634 0.000 -59.495
0.000 0.000 1.000 -31.497
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



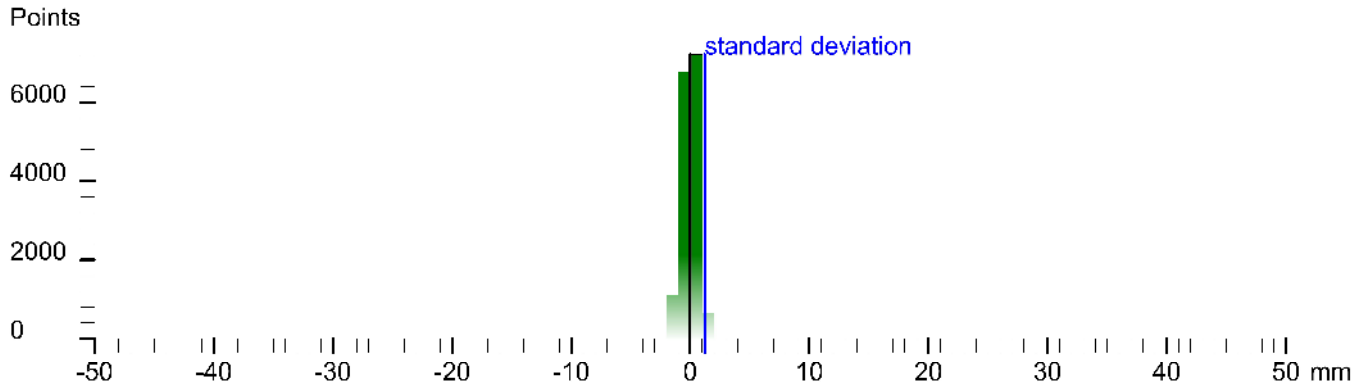
Scan position '41'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.888390	-0.459092	-0.000041	9.5961 m
0.459091	-0.888389	-0.000648	-6.4959 m
0.000261	-0.000596	0.999999	3.2367 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.2 mm

Deviation histogram



Scan '41'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

[illegible]
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947371 bar 563.468 m
nav translation: -1.5465 m 2.7385 m 563.5221 m accuracies: 0.6953 m 0.6953 m 0.0001 m
nav rotation: 0.0000 0.0000 201.4486 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.931 -0.366 0.000 27.288
0.366 -0.931 0.000 -56.727
0.000 0.000 1.000 -31.849
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

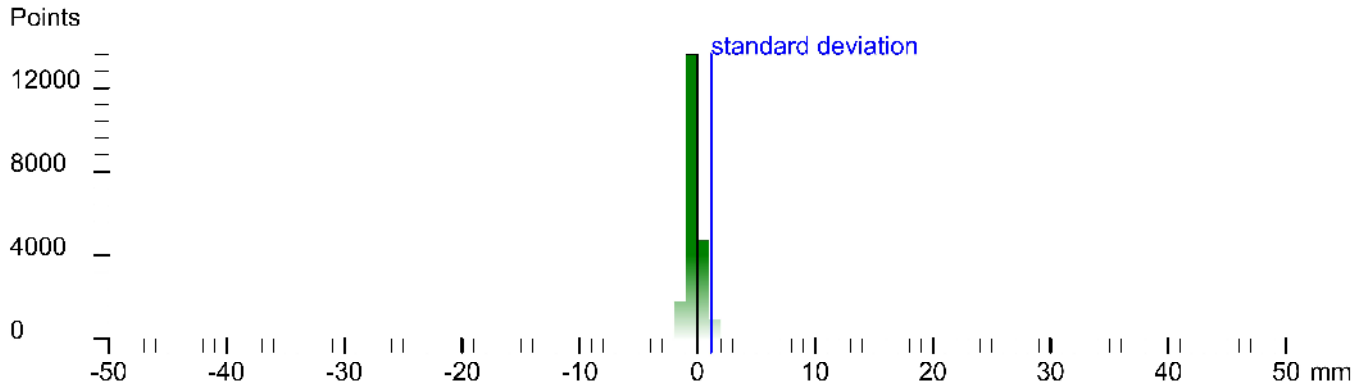
Scan position '42'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.834975	0.548578	0.043366	8.9766 m
-0.550203	0.833642	0.048140	-7.3166 m
-0.009743	-0.064055	0.997898	2.4182 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.2 mm

Deviation histogram



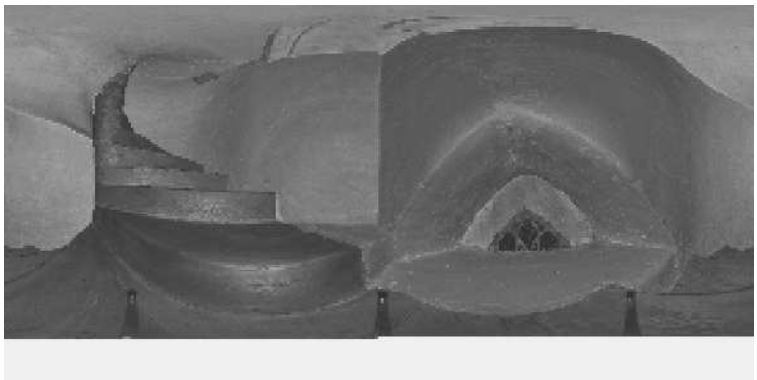
Scan '42'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947577 bar 561.66[illegible] m
nav translation: -1.3359 m -1.908[illegible] m 56[illegible].2570 m accuracies: 0.3094 m 0.3094 m 0.0012 m
nav rotation: 0.0000 0.0000 42.7680 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.731 0.679 0.000 25.952
-0.679 0.734 0.000 -58.726
0.000 0.000 1.000 -34.114
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



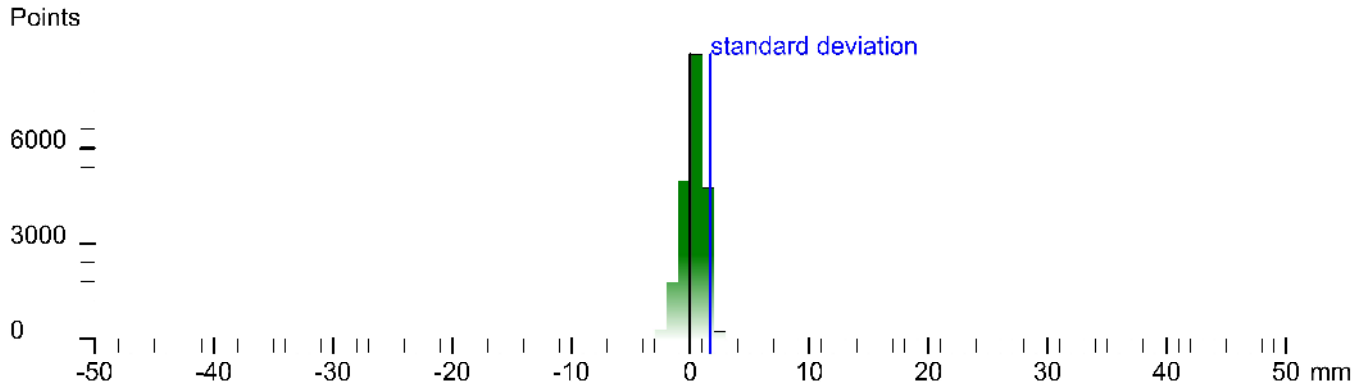
Scan position '43'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.517452	0.855713	0.000746	9.4612 m
-0.855713	-0.517451	-0.000278	-7.7019 m
0.000147	-0.000782	0.999999	3.9346 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.7 mm

Deviation histogram



Scan '43'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 ' barome er transla ion rotation'
Ba rometer: 0.947489 bar 562.438 m
nav translation: 2.5654 m 0.5652 m 562.2653 m accuracies: 6.4376 m 6.4376 m 3.0000 m
nav rotation 0.0000 0.0000 115.2438 acc.racies: 0.0000 0.0000 15.0000
upsice-down. no
Initial pre position (0:indoor)
-0.426 0 905 0.000 28.518
-0.905 -0.426 0.000 -58 160
0.000 0.000 1.000 -33.106
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

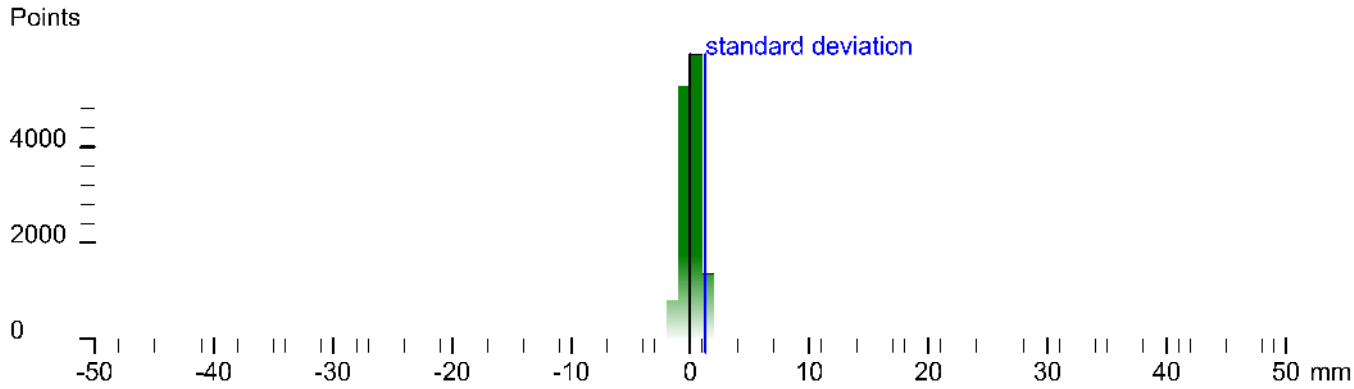
Scan position '44'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.979718	-0.200386	-0.000234	10.8167 m
0.200386	0.979717	0.000423	-7.3950 m
0.000146	-0.000461	0.999999	4.7472 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.3 mm

Deviation histogram



Scan '44'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barome er translation rotation'
Barometer: 0.947484 bar 562.478 m
nav translation: 0.6809 m 0.7665 m 562.7355 m accuracies: 5.6377 m 5.6377 m 0.0002 m
nav rotation 0.0000 0.0000 348.7303 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
0.981 -0.195 0.000 28.199
0.195 0.981 0.000 -57.393
0.000 0.000 1.000 -32.936
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

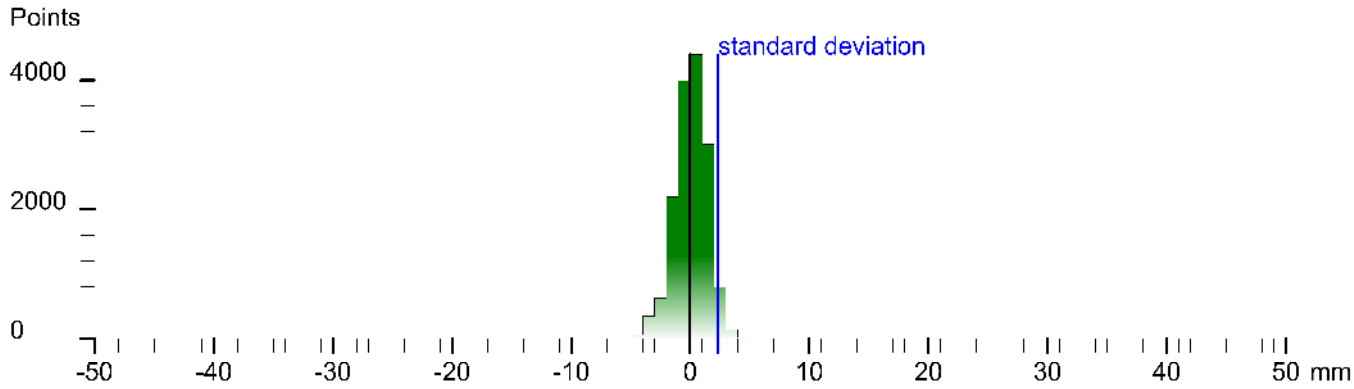
Scan position '45'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.963092	0.269175	-0.000778	9.9793 m
-0.269173	0.963091	0.001469	-5.6887 m
0.001145	-0.001204	0.999998	5.4575 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.3 mm

Deviation histogram



Scan '45'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barome er translation rotation'
Barometer: 0.947465 bar 562.648 m
nav translation: 1.4959 m 1.4610 m 562.7394 m accuracies: 6.1771 m 6.1771 m 3.0000 m
nav rotation 0.0000 0.0000 [illegible] accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
0.960 0.279 0.000 30.695
-0.279 0.960 0.000 -56.932
0.000 0.000 1.000 -32.937
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

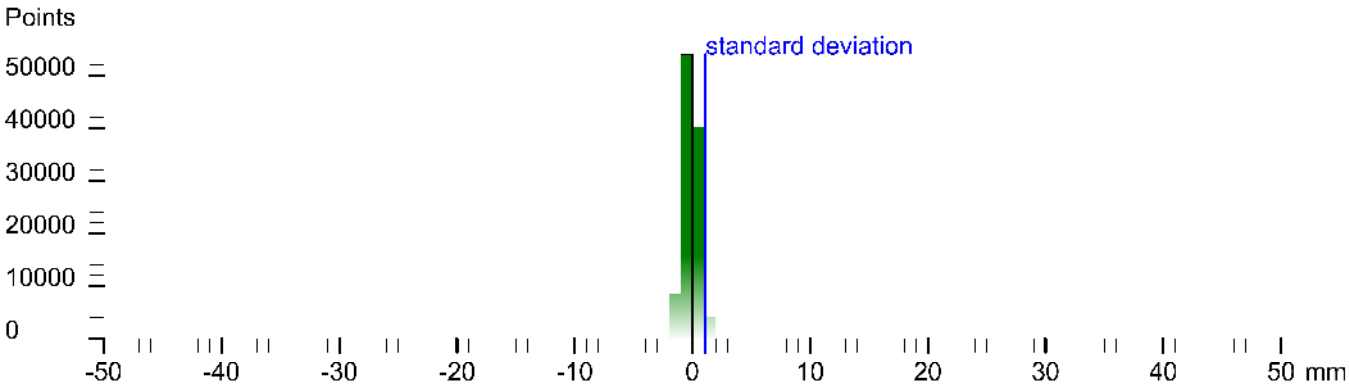
Scan position '46'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.809033	-0.587764	-0.000770	10.6589 m
0.587765	0.809031	0.001340	-3.4870 m
-0.000164	-0.001536	0.999998	5.4492 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.1 mm

Deviation histogram



Scan '46'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

[illegible]
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947527 bar 582.1 m
nav translation: 2.8076 m 1.7425 m 501.7867 m accuracies: 6.7722 m 6.7722 m 3.0000 m
nav rotation: 0.0000 0.0000 328.0883 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.849 -0.529 0.000 33.502
0.529 0.849 0.000 -54.190
0.000 0.000 1.000 -33.585
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

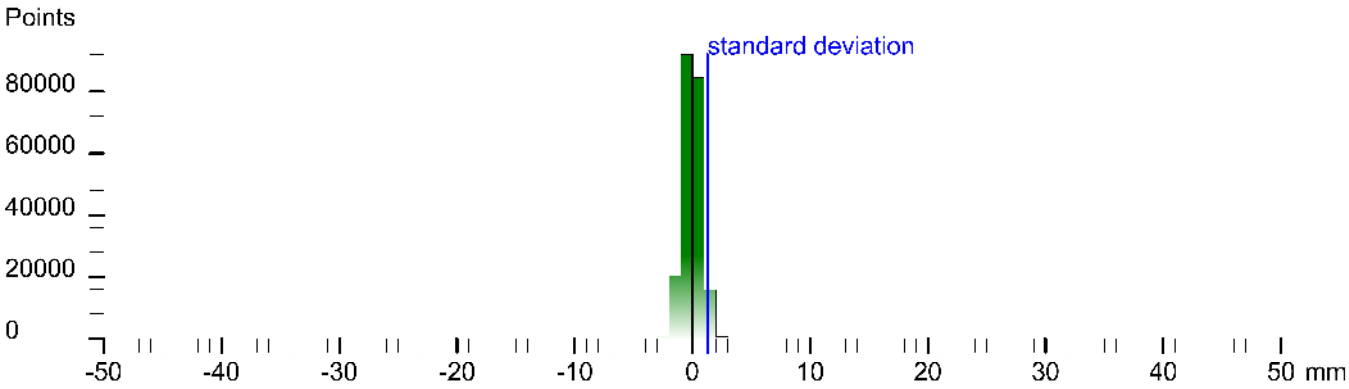
Scan position '47'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.036093	0.999349	0.000522	13.7416 m
-0.999348	-0.036093	0.000939	-2.7305 m
0.000956	-0.000487	0.999999	5.4738 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.3 mm

Deviation histogram



Scan '47'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barome er translatio rotation'
Barometer: 0.947700 bar 560.578 m
nav translation: 0.8413 m -2.1033 m 560.9316 m accuracies: 0.2171 m 0.2171 m 0.0002 m
nav rotation 0.0000 0.0000 92.5106 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pro position (0:indoor)
-0.047 0.999 0.000 34.347
-0.999 -0.044 0.000 -56.293
0.000 0.000 1.000 -34.440
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

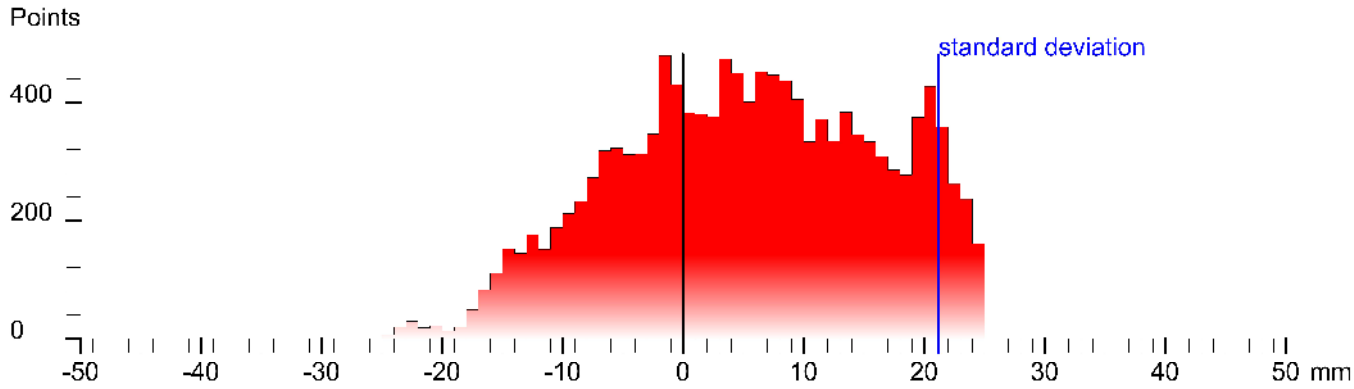
Scan position '48'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.686996	0.726482	-0.016189	10.1056 m
-0.726583	-0.687079	0.000539	-6.1344 m
-0.010732	0.012133	0.999868	5.3204 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:21.2 mm

Deviation histogram



Scan '48'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947832 bar 559.419 m
nav translation: 1.3910 m -5.6133 m 559.7441 m accuracies: 8.0275 m 8.0275 m 0.0001 m
nav rotation: 0.0000 0.0000 133.1626 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.687 0.729 0.000 35.798
-0.729 -0.684 0.000 -61.906
0.000 0.000 1.000 -35.927
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

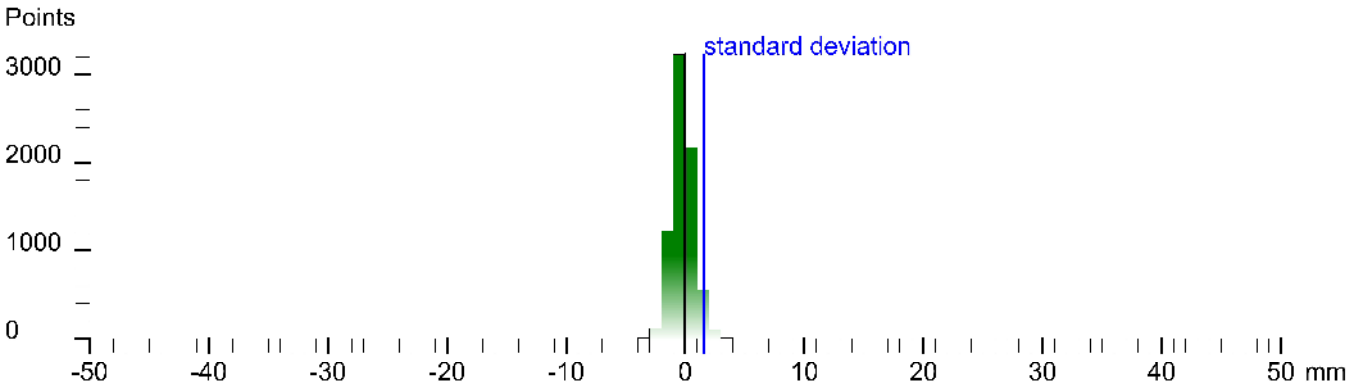
Scan position '49'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.984070	0.177182	-0.014677	9.2722 m
-0.177226	-0.984169	0.001719	-7.0620 m
-0.014141	0.004293	0.999890	5.7693 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.6 mm

Deviation histogram



Scan '49'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

[illegible]
Sensor
sensors. 3096 ' barome er transla ion rotation'
Barometer: 0.947797 bar 559.73[illegible] m
nav translation: -0.2200 m -0.5247 m 559.5435 m accuracies: 5.3912 m 5.3912 m 0.0000 m
nav rotation 0.0000 0.0000 [illegible]62.3964 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
-0.953 0.302 0.000 35.518
-0.302 -0.953 0.000 -62.43[illegible]
0.000 0.000 1.000 -35.898
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

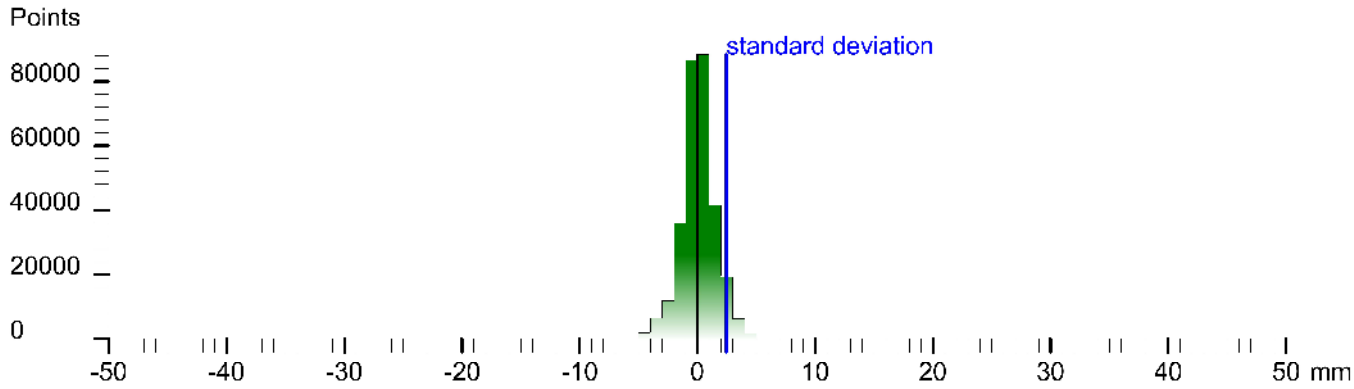
Scan position '5'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.288303	0.957540	0.000230	20.6014 m
-0.957539	0.288303	-0.000525	-19.3449 m
-0.000569	-0.000069	1.000000	-0.1478 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.5 mm

Deviation histogram



Scan '5'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 'barometer translation rotation gps'
Barometer: 0.943849 bar 594.475 m
nav translation: 5.7594 m -7.4928 m 593.8341 m accuracies: 9.7161 m 9.7161 m 0.0000 m
nav rotation: 0.0000 0.0000 71.7794 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271343 long:25.045300 satellites:7 height:633.3m hdop:1.1 vdop:2.8m hacc:4.7m vacc:15.0 flags:G3 'standalone 3D solution'
north:5014952.758 m east:340668.831 m zone:35T
Initial pre position (3x4 tcoor)
0.313 0.950 0.000 21.776
-0.950 0.313 0.000 -17.980
0.000 0.000 1.000 -7.437
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

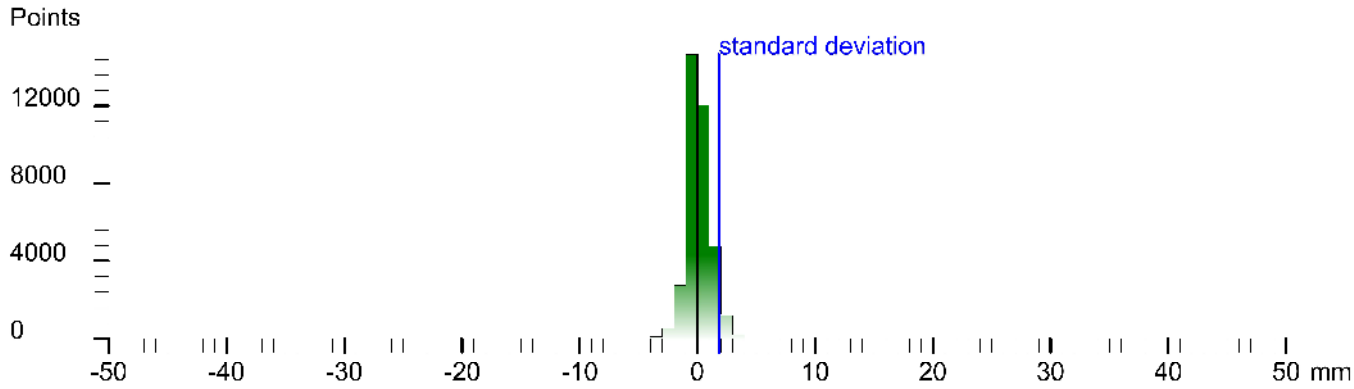
Scan position '50'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.042182	0.999012	-0.014051	9.7512 m
-0.999109	-0.042157	0.002018	-7.8799 m
0.001423	0.014124	0.999899	6.3884 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.8 mm

Deviation histogram



Scan '50'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barome er transla ion rotation'
Barometer: 0.947766 bar 560.00 m
nav translation: -3.0779 m -2.1127 m 559.8348 m accuracies: 0.1935 m 0.1935 m 0.0001 m
nav rotation 0.0000 0.0000 66.2710 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
0.065 0.998 0.000 35.443
-0.998 0.065 0.000 -64.574
0.000 0.000 1.000 -35.537
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

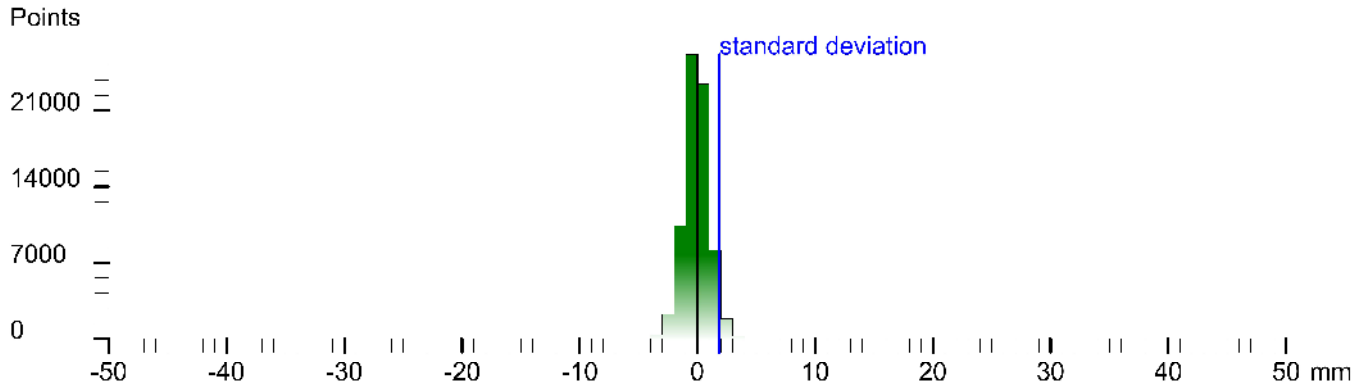
Scan position '51'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.989044	-0.146883	-0.014780	10.7409 m
0.146944	0.989140	0.003115	-7.3845 m
0.014162	-0.005252	0.999886	7.2948 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.9 mm

Deviation histogram



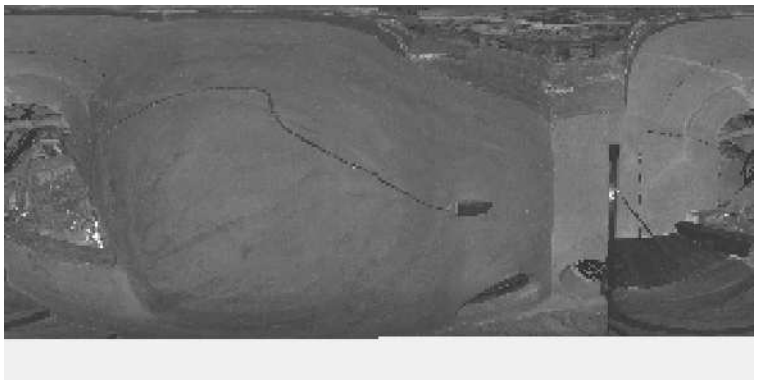
Scan '51'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

[illegible]
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947724 bar 560.366 m
nav translation: 4.2267 m -0.6321 m 559.8783 m accuracies: 7.2626 m 7.2626 m 0.0000 m
nav rotation: 0.0000 0.0000 346.1797 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.971 -0.239 0.000 38.669
0.239 0.971 0.000 -65.206
0.000 0.000 1.000 -35.553
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



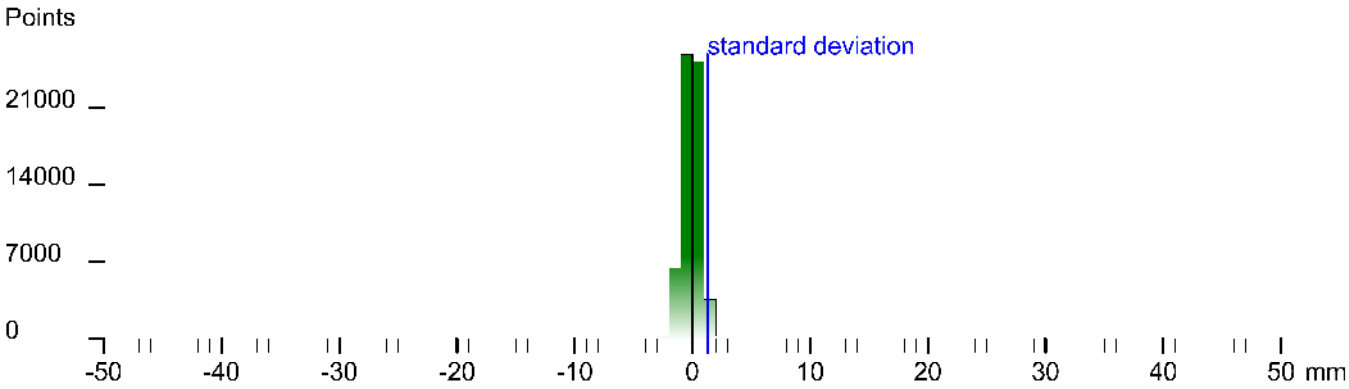
Scan position '52'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.637313	-0.770448	-0.015622	9.9865 m
0.770566	0.637355	0.002666	-6.4230 m
0.007904	-0.013737	0.999874	8.0253 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.3 mm

Deviation histogram



Scan '52'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947671 bar 560.836 m
nav translation: -1.5034 m 4.5329 m 560.3076 m accuracies: 7.5172 m 7.5172 m 0.0000 m
nav rotation: 0.0000 0.0000 304.9065 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.572 -0.820 0.000 38.166
0.820 0.572 0.000 -60.673
0.000 0.000 1.000 -35.064
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

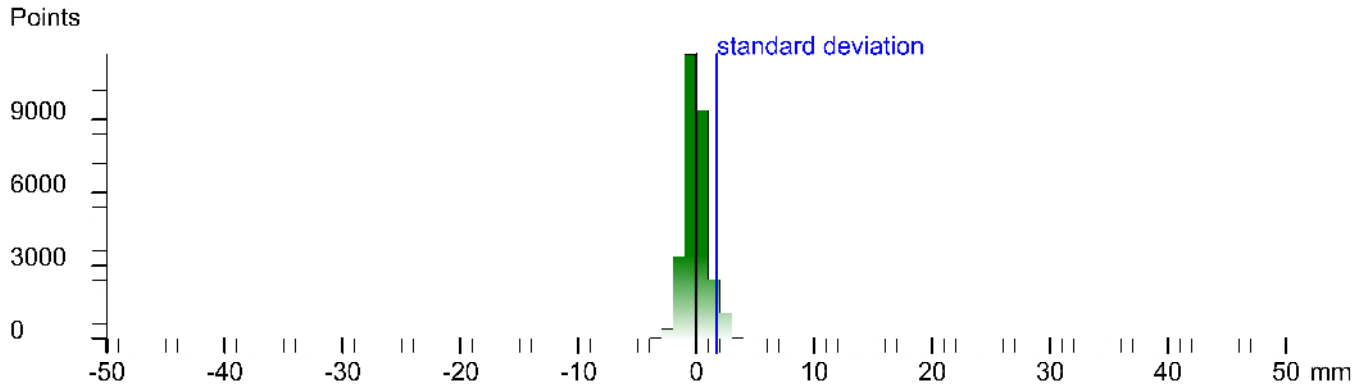
Scan position '53'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.989220	-0.145678	-0.014979	9.3084 m
0.145744	0.989317	0.003339	-3.4183 m
0.014333	-0.005485	0.999882	8.4531 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.7 mm

Deviation histogram



Scan '53'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947708 bar 560.511 m
nav translation: 1.2913 m 4.0903 m 500.7964 m accuracies: 7.2875 m 7.2875 m 3.0001 m
nav rotation: 0.0000 0.0000 350.1954 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.985 -0.170 0.000 38.460
0.170 0.985 0.000 -56.582
0.000 0.000 1.000 -34.575
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

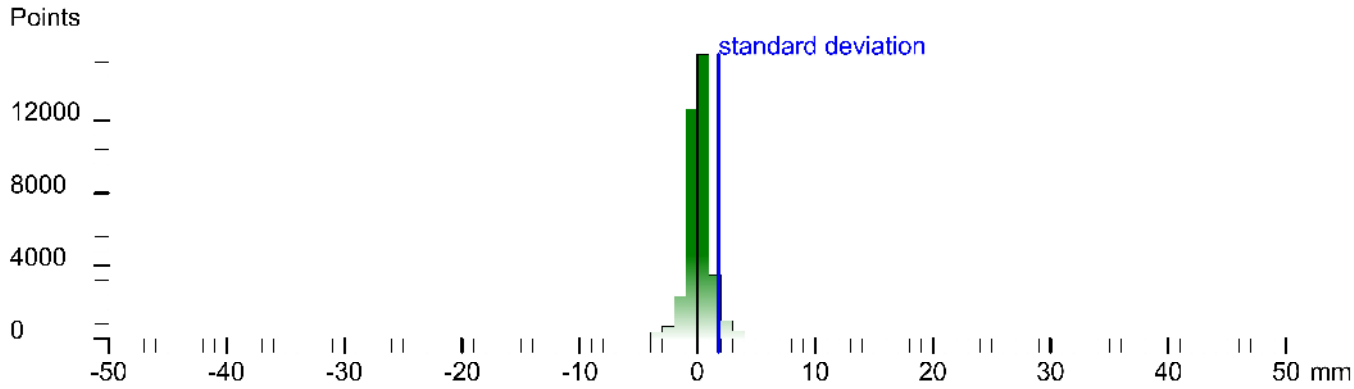
Scan position '54'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.977968	-0.208193	-0.015406	10.6735 m
0.208264	0.978068	0.003119	-1.6050 m
0.014420	-0.006258	0.999876	8.4545 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.8 mm

Deviation histogram



Scan '54'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

[illegible]
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947790 bar 559.788 m
nav translation: 1.7030 m 1.0994 m 559.6580 m accuracies: 6.1224 m 6.1224 m 3.0001 m
nav rotation: 0.0000 0.0000 34b.b283 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.968 -0.250 0.000 41.163
0.250 0.968 0.000 -55.483
0.000 0.000 1.000 -35.714
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

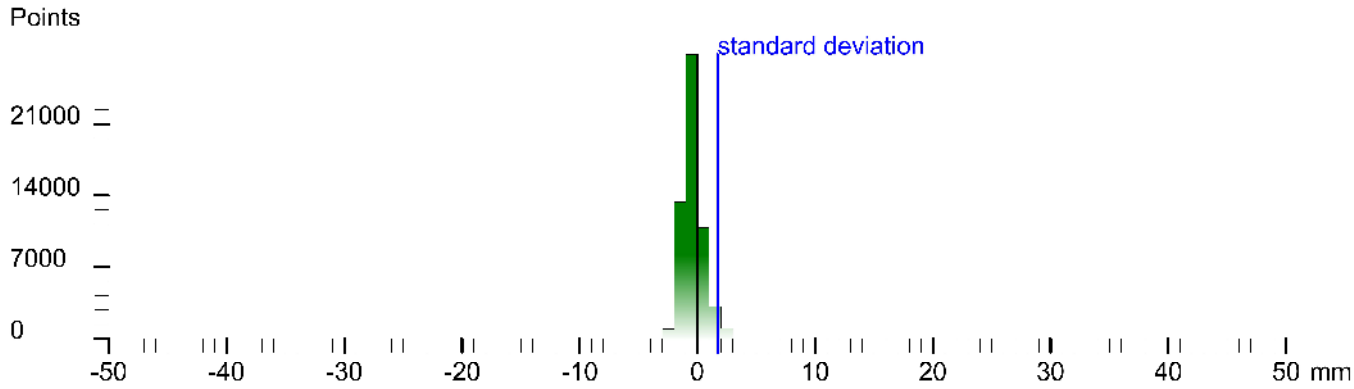
Scan position '55'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.894529	-0.446760	-0.015071	11.5226 m
0.446785	-0.894640	0.001757	-0.2260 m
-0.014268	-0.005163	0.999885	7.8361 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.7 mm

Deviation histogram



Scan '55'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barome er translation rotation'
Barometer: 0.947853 bar 559.238 m
nav translation: 0.0000 m 0.0000 m 558.80[illegible] m accuracies: 5.22[illegible]2 m 5.22[illegible]2 m 0.0001 m
nav rotation 0.0000 0.0000 203.9033 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
-0.91[illegible] -0.105 0.000 41.163
0.49[illegible] -0.914 0.000 -56.482
0.000 0.000 1.000 -38.570
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

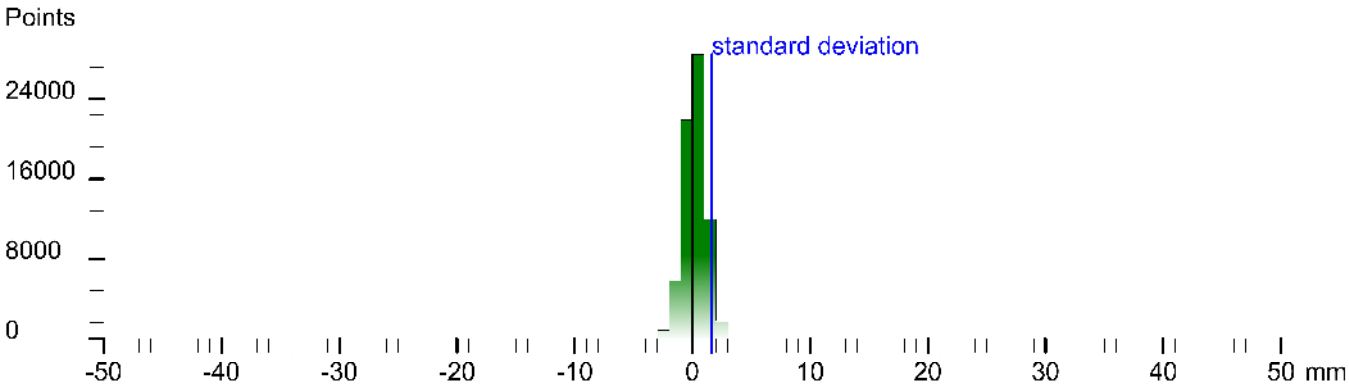
Scan position '56'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.985541	0.168852	-0.014185	12.6947 m
-0.168912	-0.985627	0.003138	0.3781 m
-0.013452	0.005488	0.999894	6.7505 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.6 mm

Deviation histogram



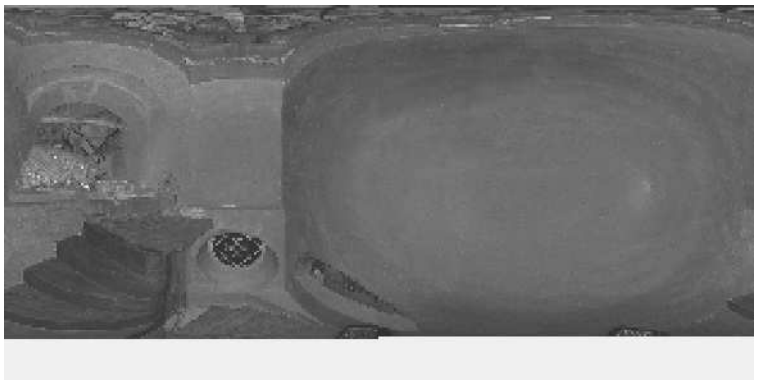
Scan '56'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barome er translation rotation'
Barometer: 0.948017 bar 557.793 m
nav translation: -2.5887 m 1.9434 m 557.6850 m accuracies: 0.7141 m 0.7141 m 0.0000 m
nav rotation 0.0000 0.0000 168.9093 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
-0.981 0 192 0.000 38.575
-0.192 -0.981 0.000 -53.940
0.000 0.000 1.000 -37.687
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



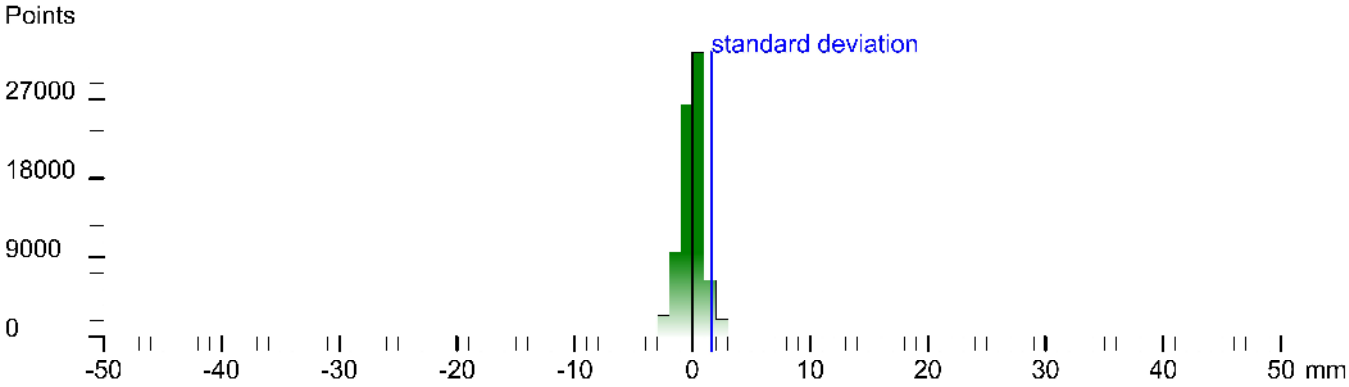
Scan position '57'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.173102	0.984802	-0.014256	11.6933 m
-0.984887	0.173167	0.003389	0.8162 m
0.005806	0.013455	0.999892	6.1791 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.6 mm

Deviation histogram



Scan '57'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948180 bar 556.36 m
nav translation: 0.8858 m -1.9870 m 556.5220 m accuracies: 0.2222 m 0.2222 m 0.0000 m
nav rotation: 0.0000 0.0000 75.0393 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.258 0.966 0.000 39.400
-0.966 0.258 0.000 -56.524
0.000 0.000 1.000 -38.849
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

Scan position '58'

Scan position is member of group(s):
Status registration '[10123h] preregistered with cloud to cloud, manually'
Registration matrix:

0.989177	0.141974	-0.037080	11.3203 m
-0.142371	0.989779	-0.008298	-0.0934 m
0.035523	0.013488	0.999277	5.5516 m
0.000000	0.000000	0.000000	1.0000

Scan '58'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948250 bar 555.751 m
nav translation: 0.5713 m 0.2379 m 555.7419 m accuracies: 5.4183 m 5.4183 m 0.0000 m
nav rotation: 0.0000 0.0000 4.3548 accuracies: 0.0000 0.0000 175.1875
upside-down: no
Initial pre position (0:indoor)
0.997 0.076 0.000 40.032
-0.076 0.997 0.000 -55.286
0.000 0.000 1.000 -39.630
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

Scan position '59'

Scan position is member of group(s):
Status registration '[10123h] preregistered with cloud to cloud, manually'
Registration matrix:

-0.063334	-0.997357	-0.035654	11.8845 m
0.997973	-0.063065	-0.008645	-0.8259 m
0.006374	-0.036129	0.999326	5.2141 m
0.000000	0.000000	0.000000	1.0000

Scan '59'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948311 bar 555.2[illegible]6 m
nav translation: -0.0905 m 0.4122 m 554.7452 m accuracies: 5.3150 m 5.3150 m 0.0000 m
nav rotation: 0.0000 0.0000 266.44[illegible]3 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.062 -0.998 0.000 39.911
0.998 -0.062 0.000 -54.873
0.000 0.000 1.000 -40.626
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

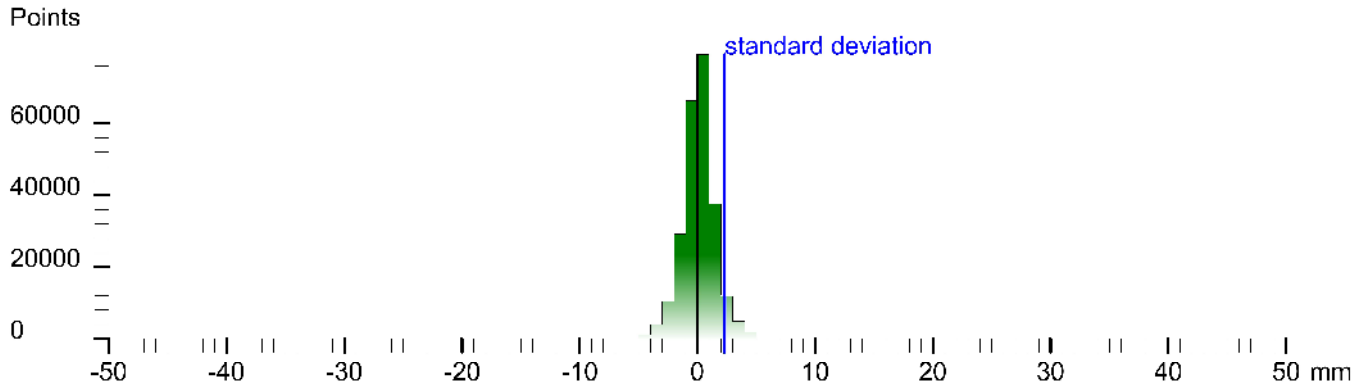
Scan position '6'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.540336	-0.841450	-0.000457	30.5733 m
0.841450	-0.540335	-0.001279	-22.0412 m
0.000829	-0.001075	0.999999	-0.2950 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.3 mm

Deviation histogram



Scan '6'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barome er translation rotation gps
Barometer: 0.943846 bar 594.503 m
nav translation: -7.3466 m 4.773 m 593.8352 m accuracies: 9.5997 m 9.5997 m 0.0000 m
nav rotation: 0.0000 0.0000 226.0031 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271317 long:25.045378 satellites:3 height:640.5m hdop:4.8 vdop:1.0m hacc:13.0m vacc:11.0 flags:G2 'stand alone 2D solution'
north:5014918.343 m east:340674.893 m zone:35T
Initial pre position (3x4 floor)
-0.695 -0.719 0.000 14.430
0.719 -0.695 0.000 -13.207
0.000 0.000 1.000 -7.436
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

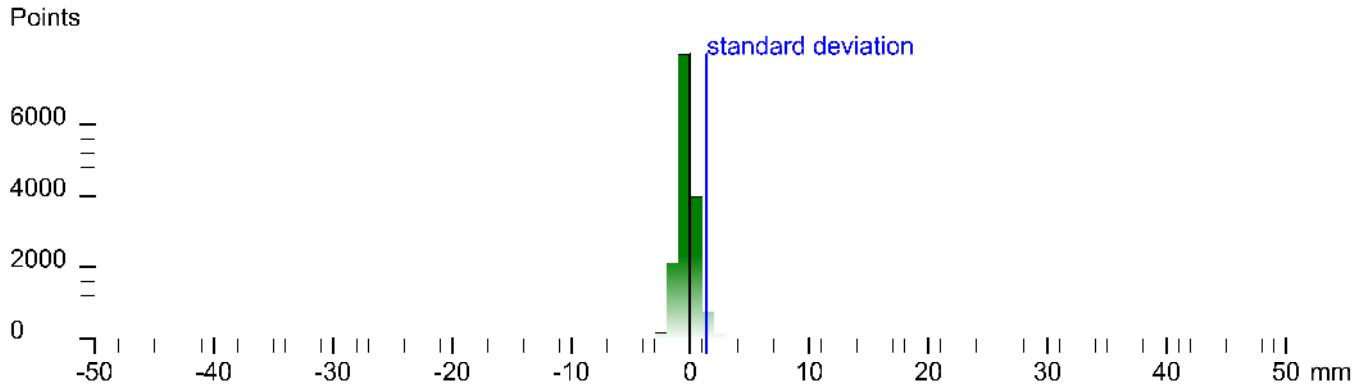
Scan position '60'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.165381	-0.985605	-0.035157	12.2655 m
0.986134	0.165757	-0.008051	-0.6151 m
0.013764	-0.033338	0.999349	5.0287 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.4 mm

Deviation histogram



Scan '60'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

[illegible]
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948351 bar 554.856 m
nav translation: -0.3711 m 0.7727 m 554.2745 m accuracies: 5.5454 m 5.5454 m 0.0000 m
nav rotation: 0.0000 0.0000 279.1426 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.090 -0.996 0.000 38.570
0.996 0.090 0.000 -54.101
0.000 0.000 1.000 -41.097
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

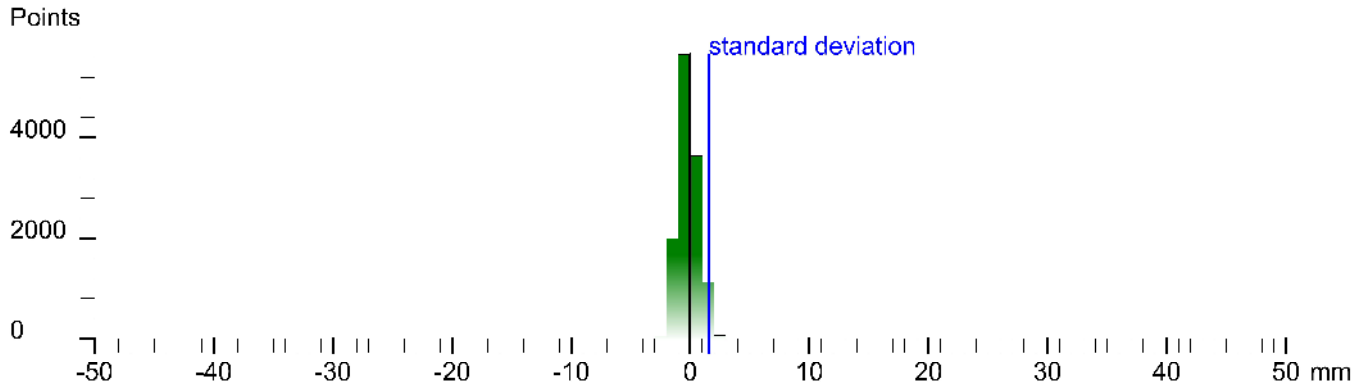
Scan position '61'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.959422	0.279834	-0.034735	12.7274 m
-0.279723	-0.960047	-0.008112	0.5414 m
-0.035618	0.001933	0.999363	4.2321 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.6 mm

Deviation histogram



Scan '61'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948469 bar 553.825 m
nav translation: -0.0873 m -0.1674 m 553.7277 m accuracies: 5.3396 m 5.3396 m 0.0000 m
nav rotation: 0.0000 0.0000 161.7891 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.950 0.313 0.000 38.483
-0.313 -0.950 0.000 -54.968
0.000 0.000 1.000 -41.644
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

Scan position '62'

Scan position is member of group(s):
Status registration '[10123h] preregistered with cloud to cloud, manually'
Registration matrix:

0.966701	0.252715	-0.040358	11.3040 m
-0.253479	0.967225	-0.015045	0.0122 m
0.035234	0.024775	0.999072	3.2964 m
0.000000	0.000000	0.000000	1.0000

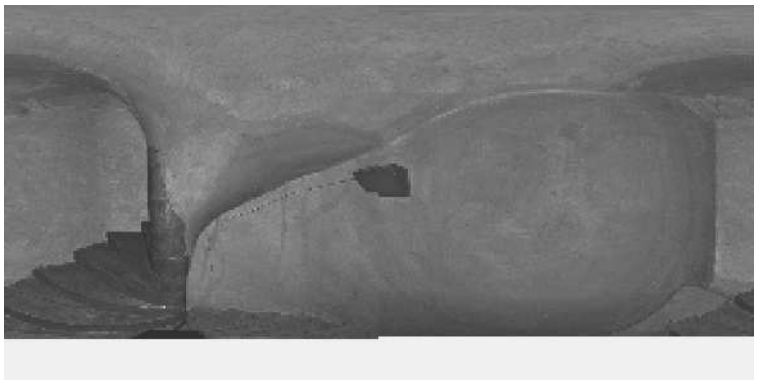
Scan '62'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948585 bar 552.806 m
nav translation: 1.0119 m 0.0357 m 552.5377 m accuracies: 5.6206 m 5.6206 m 0.0000 m
nav rotation: 0.0000 0.0000 -13.8250 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.971 0.239 0.000 40.495
-0.239 0.971 0.000 -54.539
0.000 0.000 1.000 -42.834
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



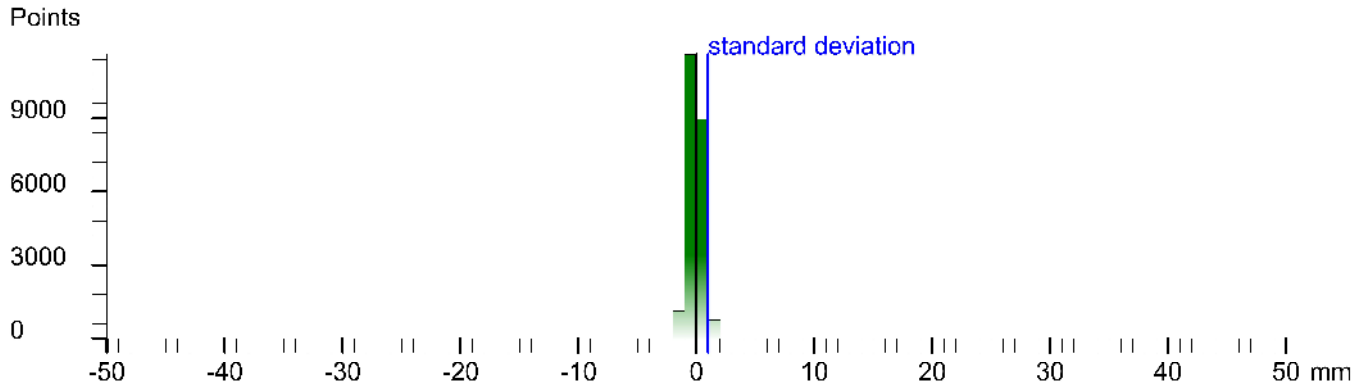
Scan position '63'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.883369	0.467280	-0.036217	11.4359 m
-0.468335	0.883043	-0.029968	0.6152 m
0.017978	0.043435	0.998894	2.2372 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.0 mm

Deviation histogram



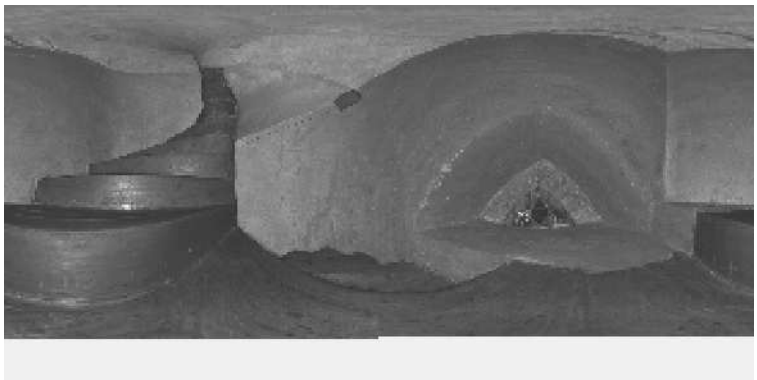
Scan '63'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barometer translation rotation'
Barometer: 0.948719 bar 551.625 m
nav translation: 4.2083 m 0.6239 m 551.5059 m accuracies: 7.2618 m 7.2618 m 0.0000 m
nav rotation 0.0000 0.0000 33.1668 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
0.837 0.517 0.000 44.703
-0.547 0.837 0.000 -53.909
0.000 0.000 1.000 -43.866
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



Scan position '64'

Scan position is member of group(s):
Status registration '[10123h] preregistered with cloud to cloud, manually'
Registration matrix:

-0.229190	-0.973382	-0.001310	12.4116 m
0.973334	-0.229166	-0.010176	-0.6962 m
0.009606	-0.003608	0.999947	2.4258 m
0.000000	0.000000	0.000000	1.0000

Scan '64'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948767 bar 551.207 m
nav translation: -0.5887 m -1.7702 m 551.1065 m accuracies: 6.0996 m 6.0996 m 0.0000 m
nav rotation: 0.0000 0.0000 251.3620 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.320 -0.948 0.000 44.174
0.948 -0.320 0.000 -55.679
0.000 0.000 1.000 -44.265
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

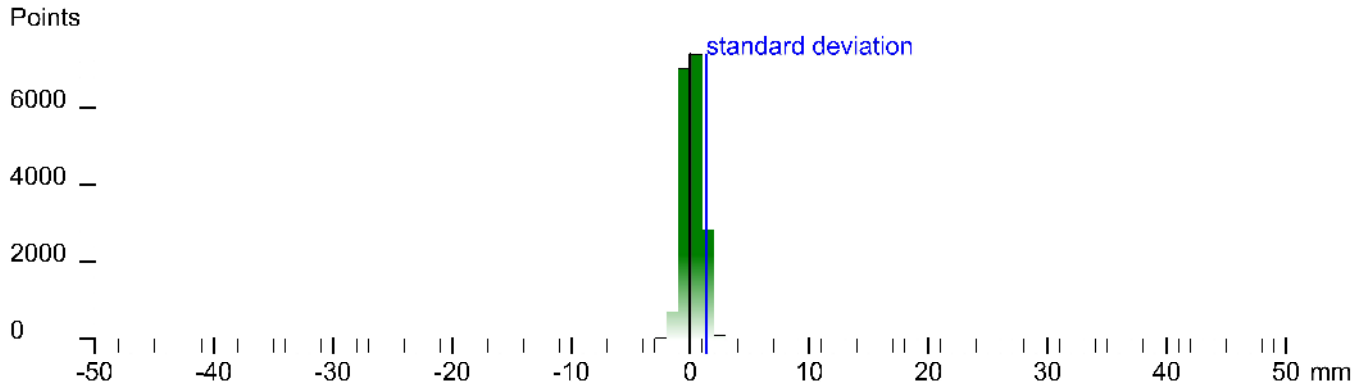
Scan position '65'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.954984	0.296661	0.000402	12.3697 m
-0.296660	0.954983	0.000463	0.6696 m
-0.000246	-0.000561	0.999999	1.6995 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.3 mm

Deviation histogram



Scan '65'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barome er translation rotation'
Barometer: 0.948940 bar 549.685 m
nav translation: 1.[illegible]926 m -0.1312 m 5[illegible]9.6300 m accuracies: 5.7216 m 5.7216 m 0.0000 m
nav rotation 0.0000 0.0000 [illegible]7.4390 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
0.951 0.300 0.000 45.307
-0.300 0.954 0.000 -55.810
0.000 0.000 1.000 -45.742
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

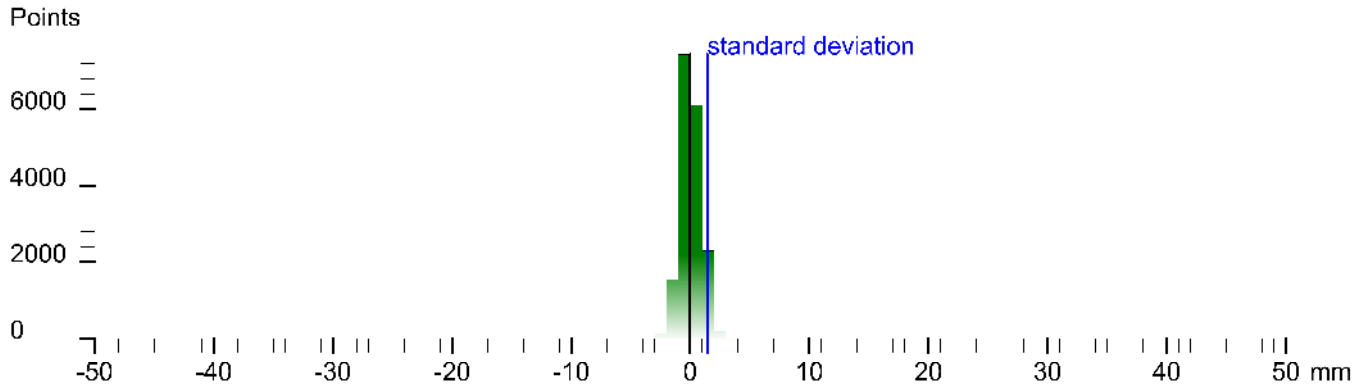
Scan position '66'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.050919	-0.998703	-0.000438	11.2694 m
0.998703	0.050919	-0.000291	0.1618 m
0.000313	-0.000423	0.999999	0.9764 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.4 mm

Deviation histogram



Scan '66'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barome er translatio rotation'
Barometer: 0.949077 bar 548.482 m
nav translation: -0.8372 m 1.6322 m 578.5544 m accuracies: 0.0503 m 0.0503 m 0.0000 m
nav rotation 0.0000 0.0000 268.6579 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
-0.027 -1.000 0.000 44.533
1.000 -0.024 0.000 -54.178
0.000 0.000 1.000 -46.817
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

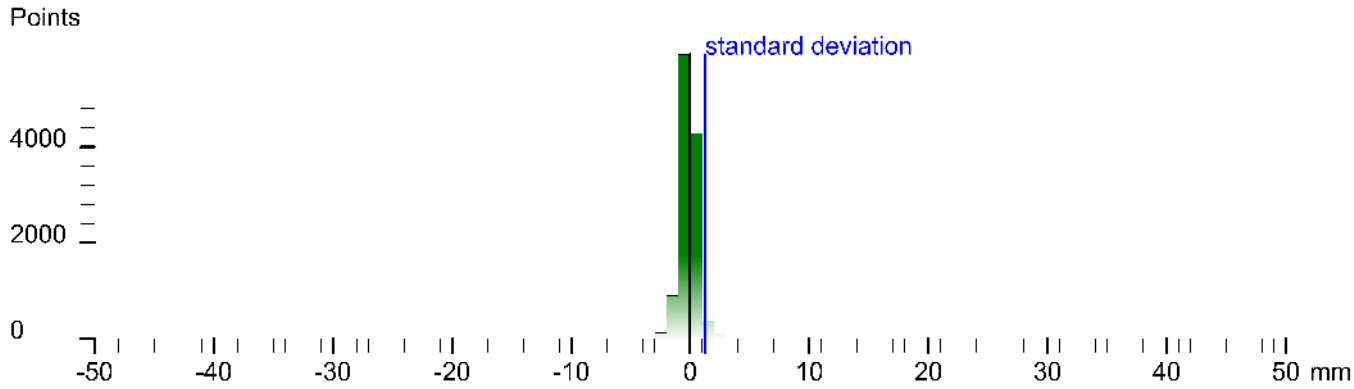
Scan position '67'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.991308	-0.128541	0.028047	11.2357 m
0.128704	-0.991674	0.004121	-0.7603 m
0.027284	0.007694	0.999598	-0.5576 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.3 mm

Deviation histogram



Scan '67'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

[illegible]
Sensor
sensors. 3096 'barometer translation rotation'
Barometer: 0.949336 bar 546.21 m
nav translation: -0.3423 m 0.4854 m 576.2226 m accuracies: 0.4134 m 0.4134 m 0.0002 m
nav rotation 0.0000 0.0000 179.8267 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
-1.000 0.003 0.000 44.196
-0.003 -1.000 0.000 -53.692
0.000 0.000 1.000 -49.149
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

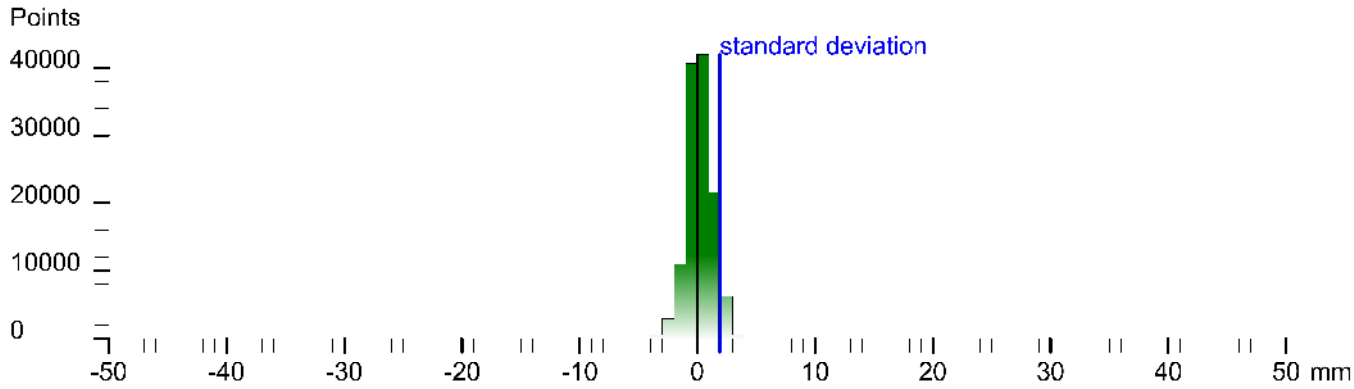
Scan position '68'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.165110	-0.986275	-0.001223	11.1154 m
0.986274	-0.165109	-0.001198	-1.3884 m
0.000981	-0.001405	0.999998	0.7051 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.9 mm

Deviation histogram



Scan '68'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.949242 bar 547.035 m
nav translation: -2.5318 m -0.4377 m 576.5998 m accuracies: 0.4500 m 0.4500 m 0.0000 m
nav rotation: 0.0000 0.0000 253.7093 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.281 -0.960 0.000 41.659
0.960 -0.281 0.000 -54.130
0.000 0.000 1.000 -48.779
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

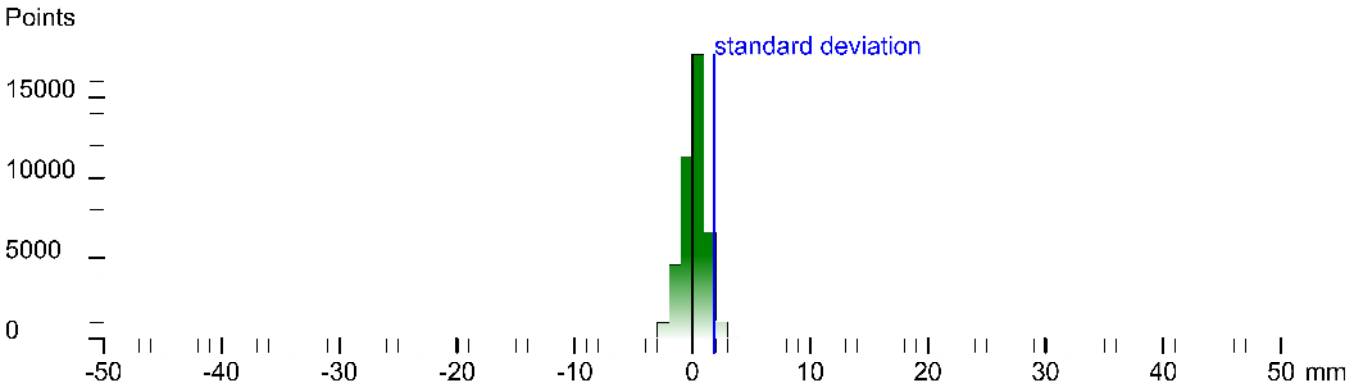
Scan position '69'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.748259	-0.660472	-0.062345	9.2034 m
0.659974	0.750640	-0.031208	-3.4217 m
0.067412	-0.017795	0.997566	7.2465 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.9 mm

Deviation histogram



Scan '69'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948471 bar 553.809 m
nav translation: -6.3499 m -6.3868 m 553.4309 m accuracies: 9.8526 m 9.8526 m 0.0010 m
nav rotation: 0.0000 0.0000 311.1679 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.658 -0.753 0.000 35.309
0.753 0.658 0.000 -60.497
0.000 0.000 1.000 -41.941
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

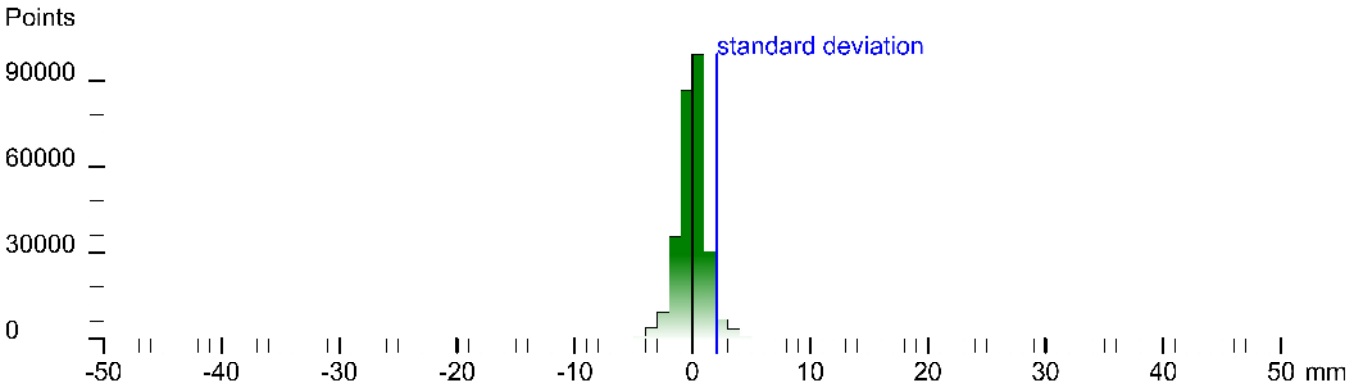
Scan position '7'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.716958	-0.697118	-0.000208	34.3504 m
0.697117	-0.716956	-0.001634	-16.3460 m
0.000990	-0.001317	0.999999	-0.2559 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.1 mm

Deviation histogram



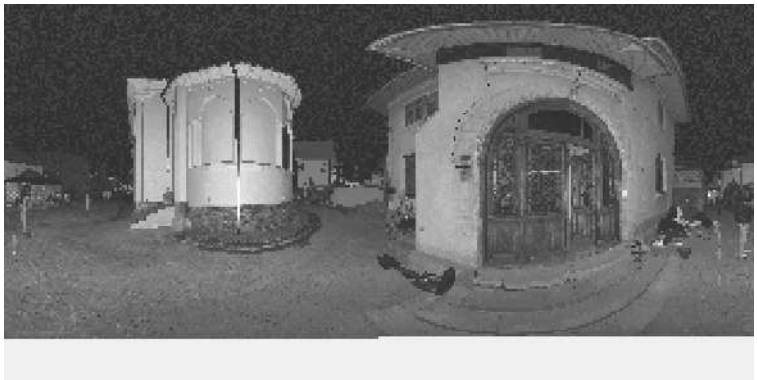
Scan '7'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barome er translation rotation gps
Barometer: 0.943877 bar 594.235 m
nav translation: -10 2384 m 0.5807 m 593.7025 m accuracies: 10.2507 m 10.2507 m 0.0000 m
nav rotation 0.0000 0.0000 213.1376 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271393 long:25 045431 satellites:3 heigh.:633.5m hdop:2.9 vdop:1.0m hacc:1 8.0m vacc:25.0 Tags:G2 'stand alone 2D solution'
north:5014957.717 m east:340679.288 m zone:35T
Initial pre position (0:indoor)
-0.837 -0.547 0.000 4.1 91
0.547 -0 837 0.000 -12.826
0.000 0.000 1.000 -1 .669
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



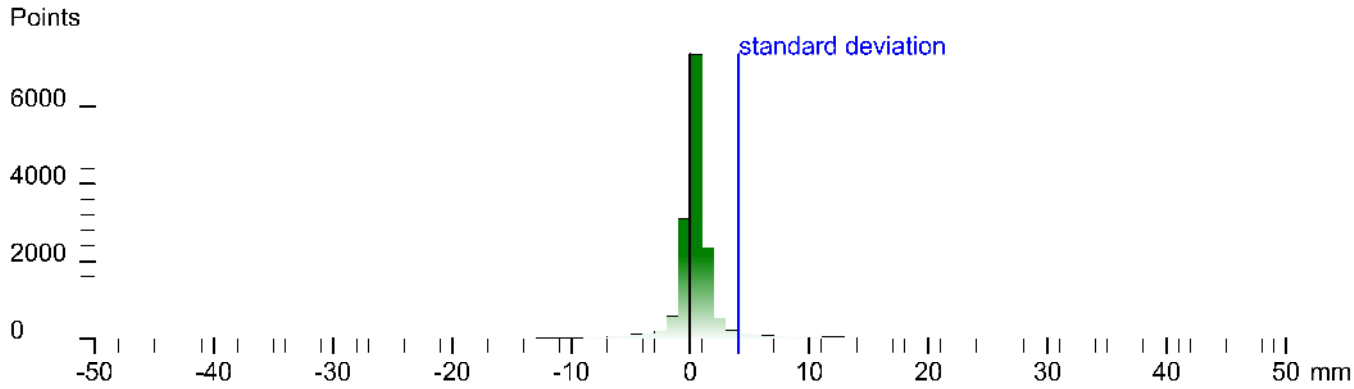
Scan position '70'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.063458	0.997909	-0.012370	11.5177 m
-0.997983	-0.063430	0.002604	-4.6295 m
0.001813	0.012511	0.999920	10.3443 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:4.1 mm

Deviation histogram



Scan '70'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barome er translation rotation'
Barometer: 0.948018 bar 557.789 m
nav translation: 6.8082 m 6.1519 m 557.0116 m accuracies: 9.7336 m 9.7336 m 0.0000 m
nav rotation 0.0000 0.0000 73.2662 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
0.288 0.958 0.000 42.117
-0.958 0.288 0.000 -54.346
0.000 0.000 1.000 -38.360
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

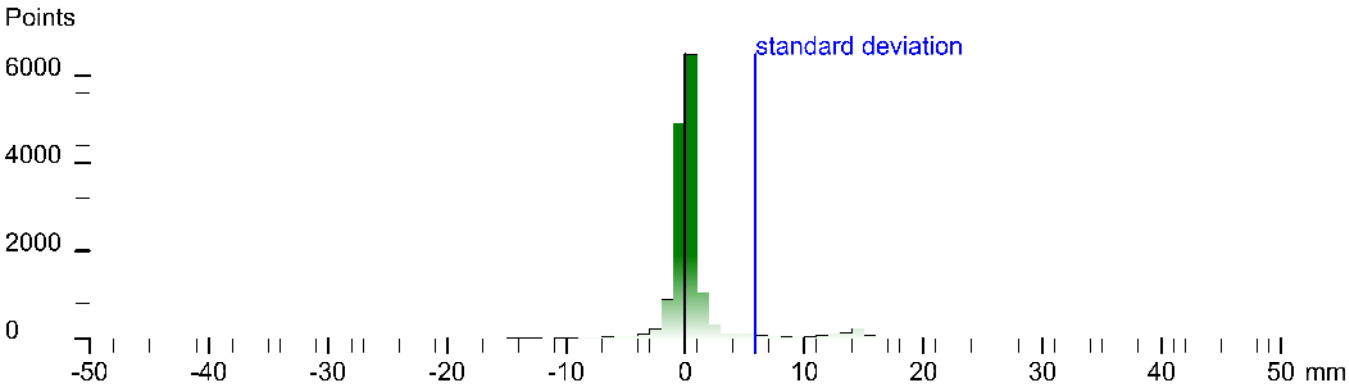
Scan position '71'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.164738	-0.986203	-0.016364	12.0419 m
0.986338	0.164698	0.003771	-2.6354 m
-0.001023	-0.016762	0.999859	10.3291 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:5.9 mm

Deviation histogram



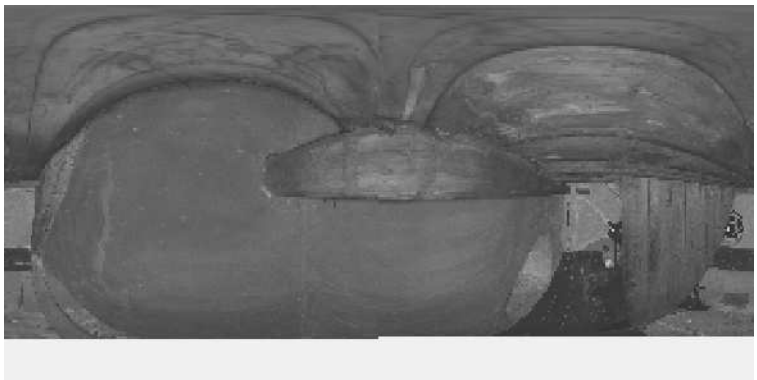
Scan '71'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948048 bar 557.521 m
nav translation: -1.9318 m 4.5090 m 557.2270 m accuracies: 7.5918 m 7.5918 m 0.0002 m
nav rotation: 0.0000 0.0000 260.3863 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.167 -0.986 0.000 40.185
0.986 -0.167 0.000 -49.836
0.000 0.000 1.000 -38.145
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



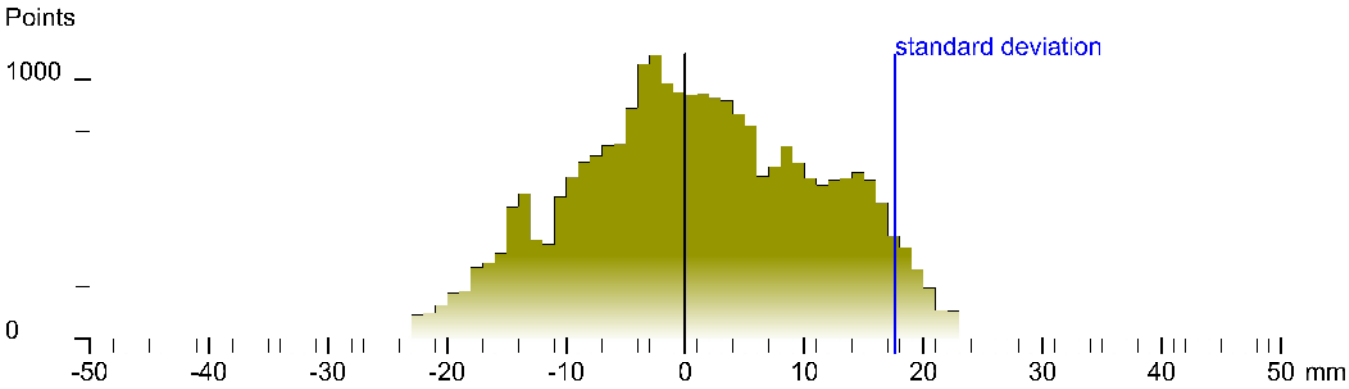
Scan position '72'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.996364	0.075479	-0.039564	9.2675 m
-0.075861	0.997085	-0.008261	-3.0766 m
0.038825	0.011233	0.999182	9.1619 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:17.6 mm

Deviation histogram



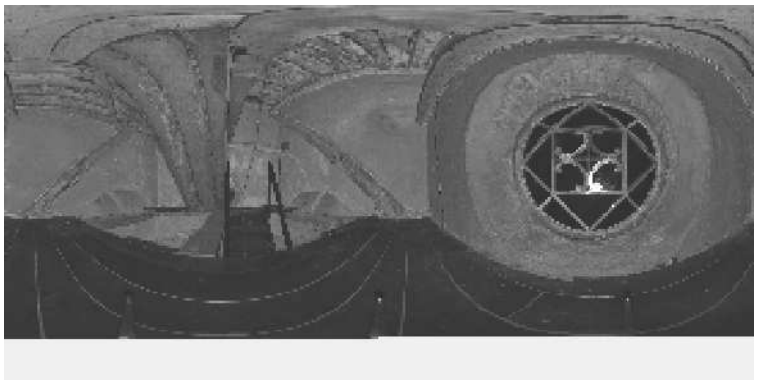
Scan '72'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948204 bar 556.147 m
nav translation: 1.0721 m 7.7388 m 556.2386 m accuracies: 9.0868 m 9.0868 m 3.0001 m
nav rotation: 0.0000 0.0000 358.0114 accuracies: 0.0000 0.0000 89.0736
upside-down: no
Initial pre position (0:indoor)
0.999 -0.035 0.000 41.257
0.035 0.999 0.000 -42.097
0.000 0.000 1.000 -39.133
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



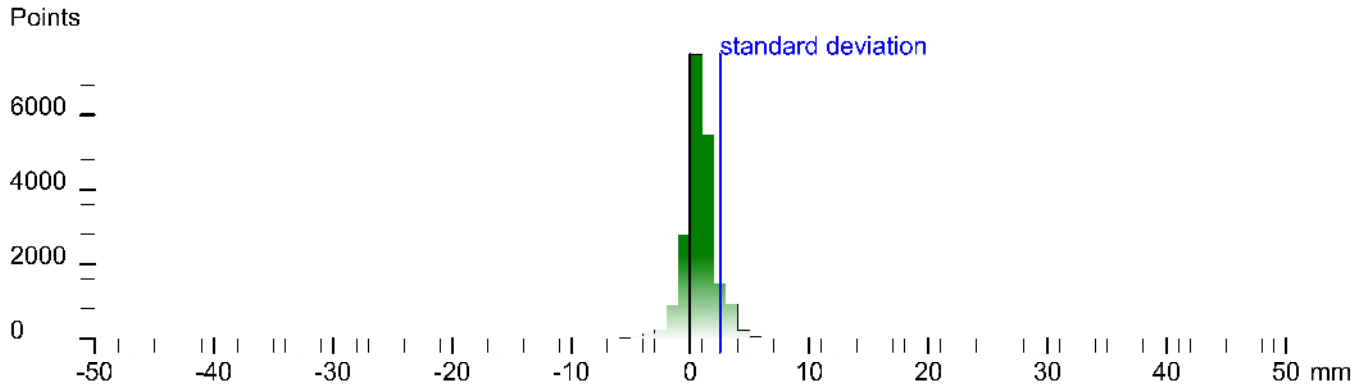
Scan position '73'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.207644	0.978044	0.017770	12.5834 m
-0.976044	-0.208358	0.062654	-3.9782 m
0.064980	-0.004334	0.997877	9.0423 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.5 mm

Deviation histogram



Scan '73'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948264 bar 555.624 m
nav translation: -1.3476 m -4.023[illegible] m 555.659[illegible] m accuracies: 7.2711 m 7.2711 m 0.0009 m
nav rotation: 0.0000 0.0000 97.72[illegible]0 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.13[illegible] 0.991 0.000 38.910
-0.991 -0.134 0.000 -46.120
0.000 0.000 1.000 -39.71[illegible]
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

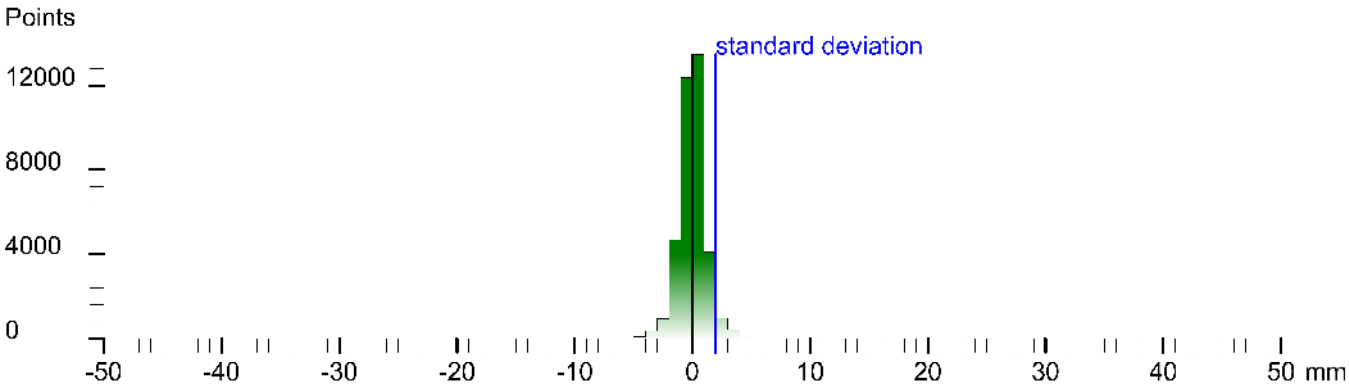
Scan position '74'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.391114	-0.920223	-0.014911	11.0693 m
0.920339	0.391109	0.003289	-3.4112 m
0.002806	-0.015010	0.999883	11.0084 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.0 mm

Deviation histogram



Scan '74'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948072 bar 557.314 m
nav translation: -0.4679 m 1.3480 m 556.7950 m accuracies: 5.9507 m 5.9507 m 0.0000 m
nav rotation: 0.0000 0.0000 283.1022 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.227 -0.974 0.000 38.442
0.974 0.227 0.000 -44.772
0.000 0.000 1.000 -38.576
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

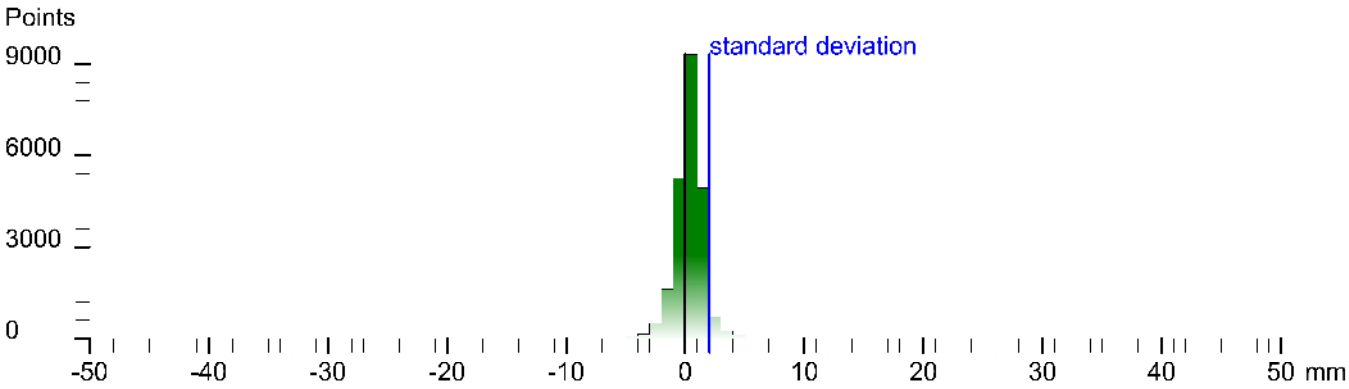
Scan position '75'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.994650	-0.103309	-0.000674	9.7855 m
0.103280	0.994483	-0.018388	-1.7886 m
0.002570	0.018220	0.999830	10.8525 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.0 mm

Deviation histogram



Scan '75'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.948121 bar 556.883 m
nav translation: 0.3397 m 5.0010 m 557.0636 m accuracies: 7.6477 m 7.6477 m 3.0000 m
nav rotation: 0.0000 0.0000 332.5437 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.887 -0.461 0.000 38.782
0.461 0.887 0.000 -39.768
0.000 0.000 1.000 -38.308
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

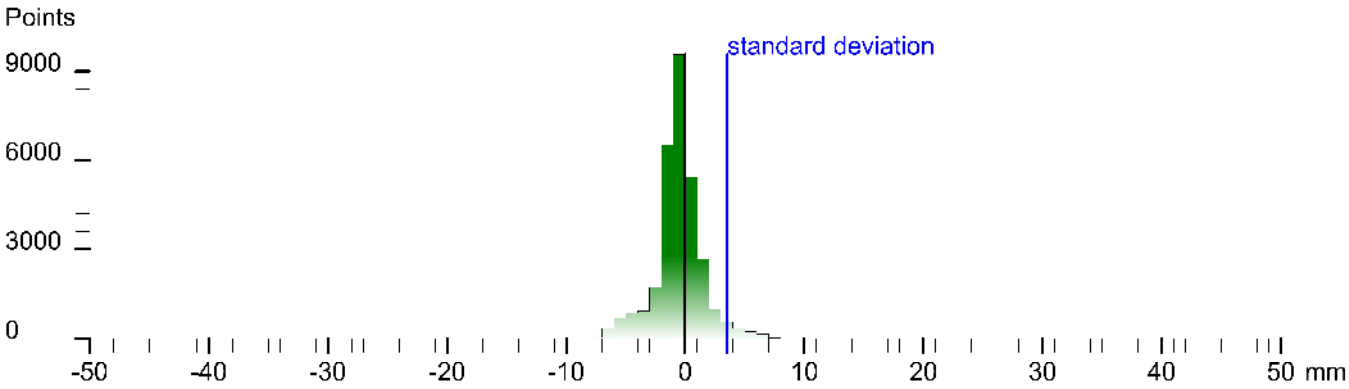
Scan position '76'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.564351	0.825349	-0.017611	9.6508 m
-0.825427	0.564495	0.004204	-1.9840 m
0.013410	0.012165	0.999836	12.1589 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.5 mm

Deviation histogram



Scan '76'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947985 bar 558.08 m
nav translation: -2.8913 m -0.1679 m 557.5929 m accuracies: 0.6288 m 0.6288 m 0.0001 m
nav rotation: 0.0000 0.0000 35.1310 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.818 0.575 0.000 36.890
-0.575 0.818 0.000 -39.936
0.000 0.000 1.000 -37.779
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

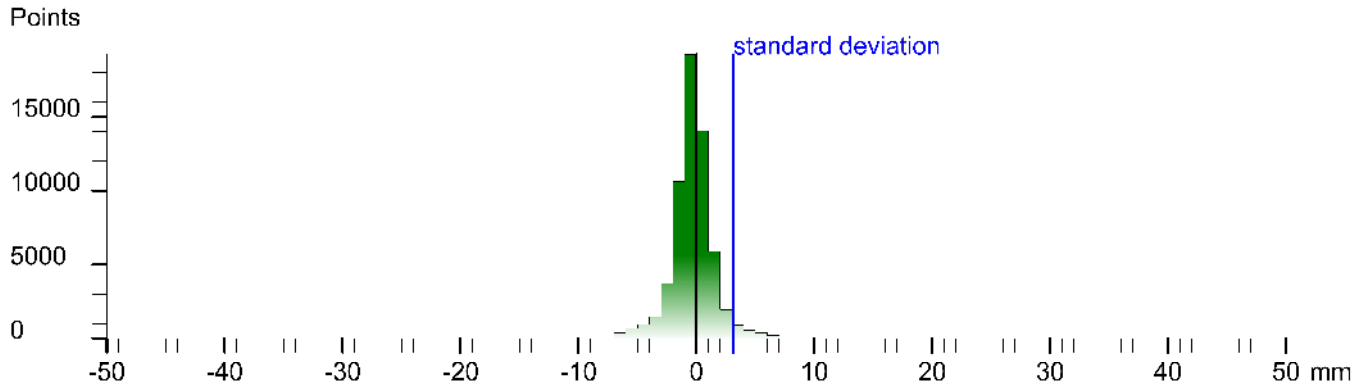
Scan position '77'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.210060	-0.977579	-0.014759	9.3187 m
0.977662	-0.210144	0.004339	-3.1851 m
-0.007343	-0.013519	0.999881	13.5901 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.1 mm

Deviation histogram



Scan '77'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947915 bar 558.692 m
nav translation: -2.7439 m 7.9479 m 558.5029 m accuracies: 9.3592 m 9.3592 m 0.0000 m
nav rotation: 0.0000 0.0000 247.7141 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.379 -0.925 0.000 34.116
0.925 -0.379 0.000 -31.988
0.000 0.000 1.000 -38.869
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

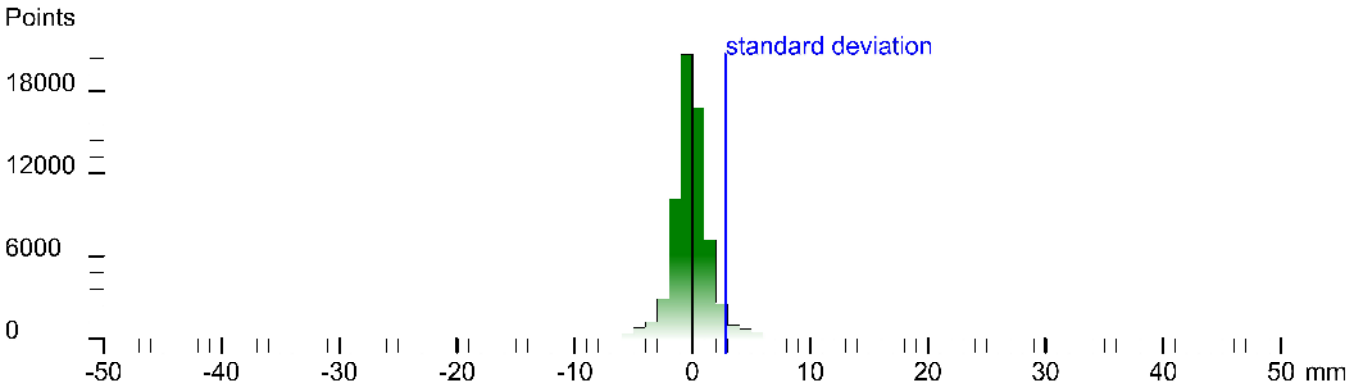
Scan position '78'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.600269	0.799679	-0.013925	9.1607 m
-0.799775	-0.600297	0.002526	-4.2506 m
-0.006340	0.012654	0.999900	13.5882 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.8 mm

Deviation histogram



Scan '78'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 ' barome er translation rotation'
Barometer: 0.947954 bar 558.345 m
nav translation: -0.8984 m 0.7769 m 558.2938 m accuracies: 5.7068 m 5.7068 m 0.0001 m
nav rotation 0.0000 0.0000 127.5615 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
-0.609 0 793 0.000 33.248
-0.793 -0.609 0.000 -31 211
0.000 0.000 1.000 -37.078
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

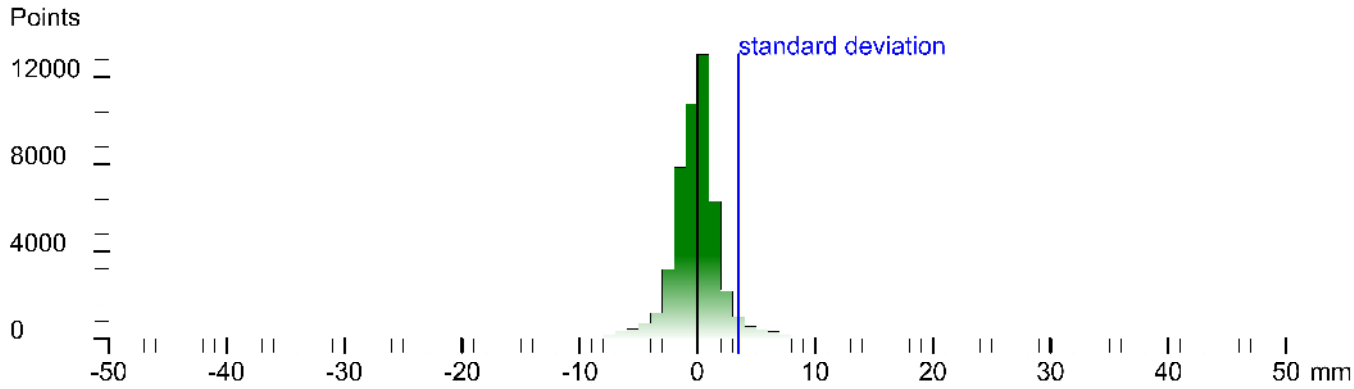
Scan position '79'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.849999	0.526601	-0.014031	11.1345 m
-0.526620	0.850098	0.002549	-4.8203 m
0.013270	0.005223	0.999898	13.5892 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.5 mm

Deviation histogram



Scan '79'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947949 bar 558.391 m
nav translation: 0.3919 m -0.8915 m 558.1129 m accuracies: 5.0078 m 5.0078 m 0.0001 m
nav rotation: 0.0000 0.0000 44.3446 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.715 0.699 0.000 33.643
-0.699 0.715 0.000 -32.103
0.000 0.000 1.000 -37.259
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

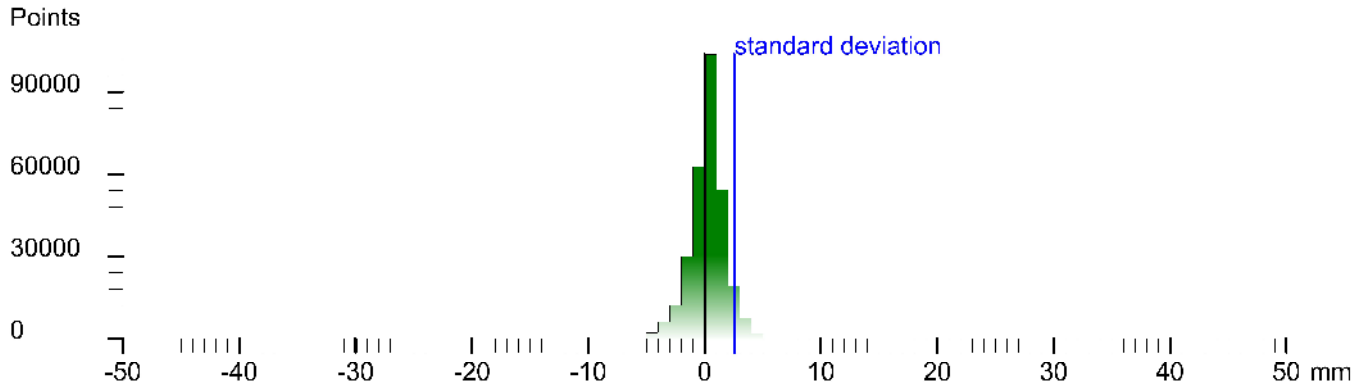
Scan position '8'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.975081	-0.221850	-0.000203	28.4671 m
0.221850	0.975081	-0.000138	-15.8383 m
0.000229	0.000090	1.000000	-0.2519 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.6 mm

Deviation histogram



Scan '8'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barome er translation rotation gps
Barometer: 0.943710 bar 595.707 m
nav translation: -0.5860 m 7.0903 m 595.2[illegible]03 m accuracies: 8.7240 m 8.7240 m 0.0000 m
nav rotation: 0.0000 0.0000 343.33[illegible]6 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271339 long:25.045460 satellites:6 height:633.1m hdop:[illegible].4 vdop:2.1m hacc:7.4m vacc:0.0 flags:G3 'stand alone 3D solution'
north:5014951.730 m east:340681.389 m zone:35T
Initial pre position (3x4 tcoor)
0.958 -0.287 0.000 34.316
0.287 0.958 0.000 -[illegible] 8.728
0.000 0.000 1.000 -0.161
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

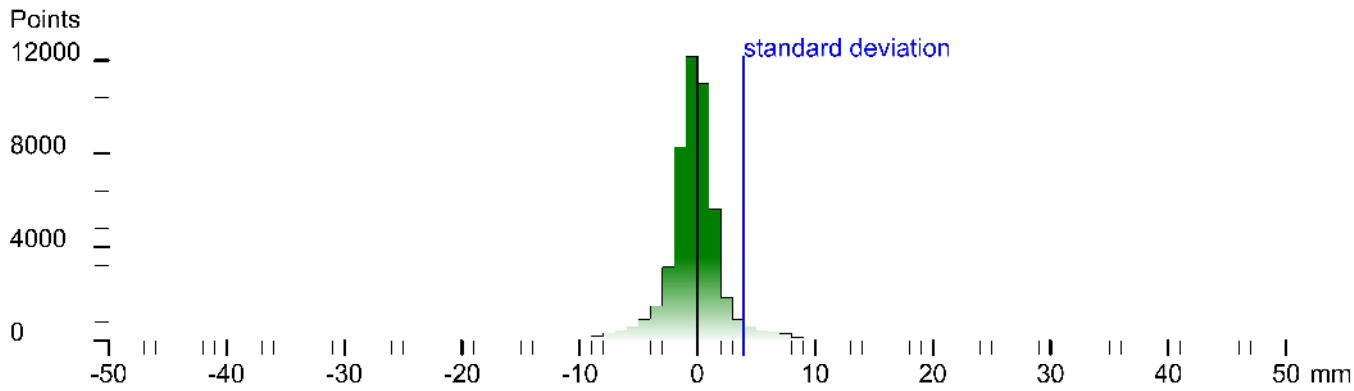
Scan position '80'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.371668	-0.928249	-0.014855	11.4242 m
0.928365	0.371649	0.004069	-3.3034 m
0.001744	-0.015304	0.999881	13.6056 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.9 mm

Deviation histogram



Scan '80'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.947981 bar 558.1[illegible] m
nav translation: 0.4207 m 0.8409 m 557.[illegible]535 m accuracies: 5.5797 m 5.5797 m 0.0001 m
nav rotation: 0.0000 0.0000 29[illegible].4994 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.431 -0.903 0.000 34.06[illegible]
0.903 0.431 0.000 -31.262
0.000 0.000 1.000 -37.918
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

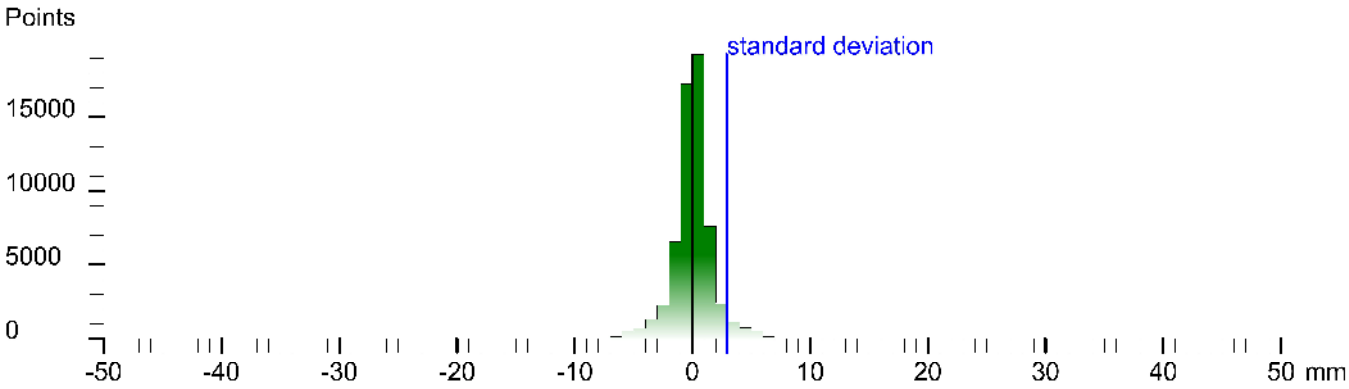
Scan position '81'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.234119	-0.972078	-0.015966	10.3515 m
0.972171	-0.234224	0.004997	-2.4707 m
-0.008597	-0.014353	0.999860	13.6140 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.9 mm

Deviation histogram



Scan '81'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 ' barome er translation rotation'
Barometer: 0.948042 bar 557.575 m
nav translation: -0.2675 m 0.3382 m 557.2581 m accuracies: 5.3277 m 5.3277 m 0.0001 m
nav rotation 0.0000 0.0000 242.6[illegible] accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre position (0:indoor)
-0.459 -0.888 0.000 33.796
0.888 -0.459 0.000 -30.923
0.000 0.000 1.000 -38.113
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

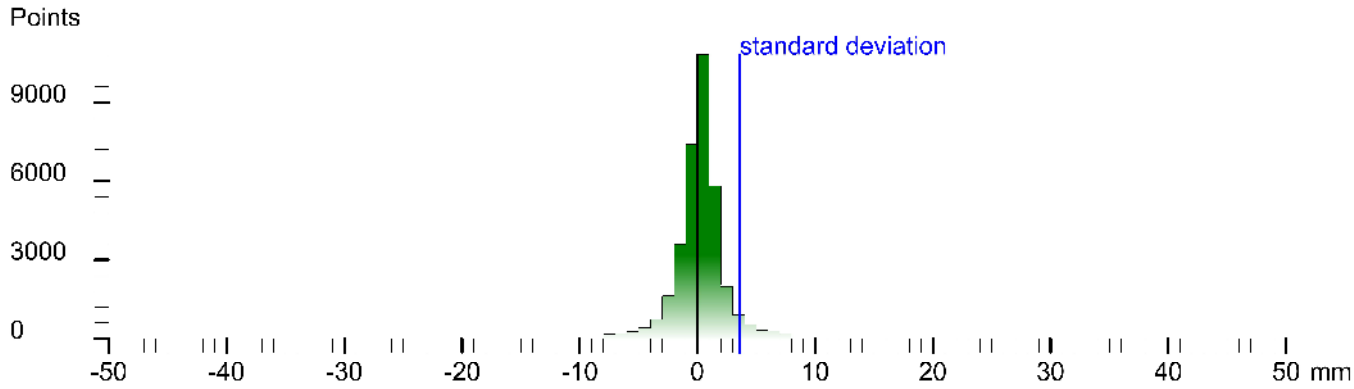
Scan position '82'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.935100	0.352101	0.040210	10.5381 m
-0.353717	-0.934283	-0.044723	-3.7127 m
0.021819	-0.056044	0.998190	12.2703 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.6 mm

Deviation histogram



Scan '82'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 ' barome er transla ion rotation'
Barometer: 0.948226 bar 555.958 m
nav translation: -1.7480 m -0.8196 m 555.4779 m accuracies: 0.0938 m 0.0938 m 0.0009 m
nav rotation 0.0000 0.0000 153.940 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pre posi ion (0:indoor)
-0.896 0.445 0.000 32.048
-0.445 -0.896 0.000 -31.772
0.000 0.000 1.000 -39.894
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

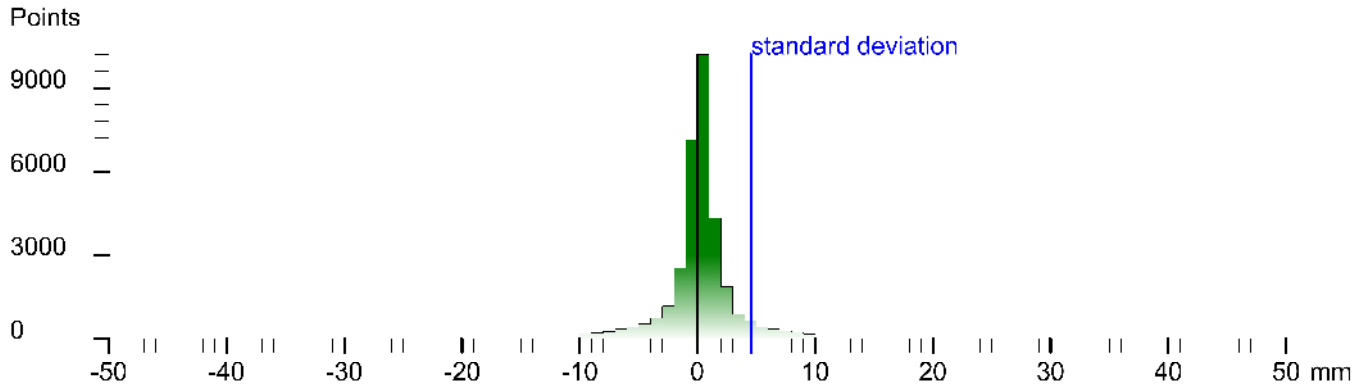
Scan position '83'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.997940	0.062573	-0.014288	12.4035 m
-0.062640	-0.998028	0.004259	-4.2257 m
-0.013994	0.005145	0.999889	13.5823 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:4.6 mm

Deviation histogram



Scan '83'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors. 3096 'barome er translation rotation'
Barometer: 0.948170 bar 556.448 m
nav translation: -5.9578 m -11.3321 m 556.5133 m accuracies: 11.6294 m 11.6297 m 0.0000 m
nav rotation 0.0000 0.0000 122.6573 accuracies: 0.0000 0.0000 15.0000
upside-down. no
Initial pro position (0:indoor)
-0.540 0.842 0.000 26.093
-0.842 -0.540 0.000 -43.104
0.000 0.000 1.000 -38.858
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

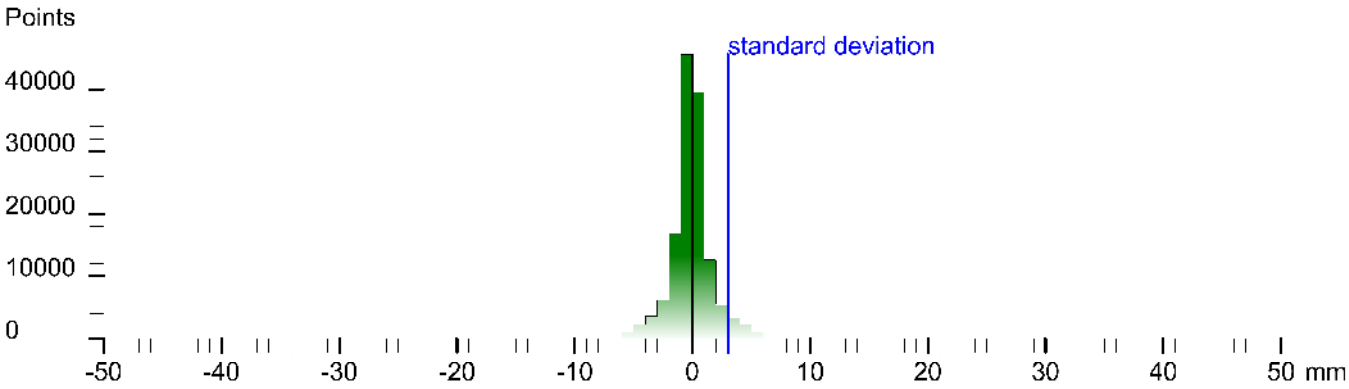
Scan position '84'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.857051	0.515007	-0.015313	12.5338 m
-0.515120	-0.857108	0.004379	-3.7507 m
-0.010870	0.011641	0.999873	13.5809 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.0 mm

Deviation histogram



Scan '84'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 'barometer translation rotation gps'
Barometer: 0.948232 bar 555.902 m
nav translation: 0.2790 m -1.576[illegible] m 555.7280 m accuracies: 5.9093 m 5.9093 m 0.0010 m
nav rotation: 0.0000 0.0000 44.6478 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271484 long:25.045179 satellites:4 height:655.3m hdop:6.6 vdop:2.7m hacc:6.4m vacc:12.0 flags:G3 'stand alone 3D solution'
north:5014968.367 m east:340659.785 m zone:35T
Initial pre position (3x4 floor)
0.713 0.702 0.000 76.372
-0.702 0.713 0.000 -44.880
0.000 0.000 1.000 -38.947
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

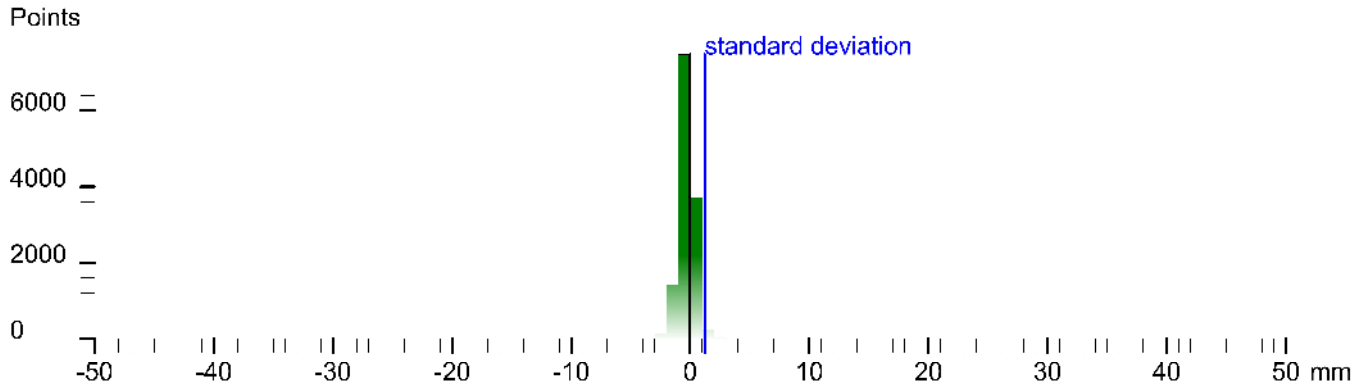
Scan position '85'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

-0.096588	-0.995296	0.007547	9.8337 m
0.995279	-0.096509	0.010216	-6.0467 m
-0.009439	0.008498	0.999919	-0.4864 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:1.2 mm

Deviation histogram



Scan '85'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.049769 bar 542.409 m
nav translation: 1.0593 m -5.2902 m 5.2021 m accuracies: 8.1161 m 8.1161 m 0.0000 m
nav rotation: 0.0000 0.0000 258.8241 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.197 -0.981 0.000 27.432
0.981 -0.194 0.000 -49.971
0.000 0.000 1.000 -53.357
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header

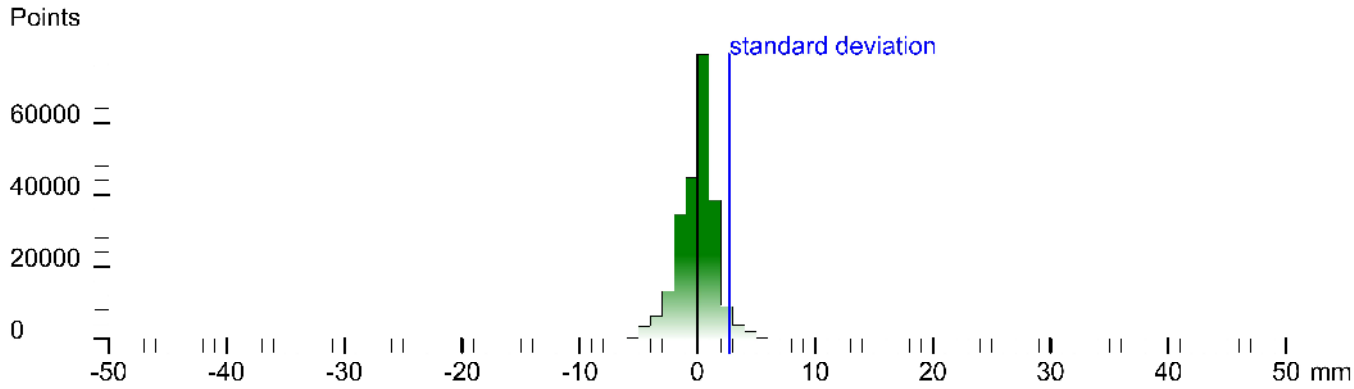
Scan position '9'

Scan position is member of group(s):
Status registration '[102h] registered with cloud to cloud'
Registration matrix:

0.910768	-0.412919	-0.000054	37.8123 m
0.412919	0.910768	-0.000410	-11.7699 m
0.000218	0.000351	1.000000	-0.1680 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.7 mm

Deviation histogram



Scan '9'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Sensor
sensors: 3100 ' barome er transla ion rotation gps
Barometer: 0.943836 bar 596.359 m
nav translation: 11.0030 m 5.7346 m 596.3199 m accuracies: 11.5956 m 11.5956 m 0.0001 m
nav rotation: 0.0000 0.0000 334.4167 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:45.271263 long:25.045464 satellites:3 heigh.:629.1m hdop:6.2 vdop:1.0m hacc:19.8m vacc:13.0 flags:G2 'stand alone 2D solution'
north:5014913.247 m east:340681.482 m zone:35T
Initial pre position (3x4 floor)
0.902 -0.432 0.000 45.919
0.432 0.902 0.000 -12.994
0.000 0.000 1.000 0.948
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.

Labels

No labels stored in project

Links

No links stored in project

Summary

Number of scans: **85** used in **85** scan positions
Point clouds: **0**
Scans with color: **0** mapped **0**
Scans with thermal data: **0** mapped **0**
Scans with errors:**0** warnings:**0** messages:**0**
Missed or corrupted scans files: **0**
Scanners used in the project: **5016-0100**
0 known targets used
0 targets used in **0** of **85** scan positions
First scan taken at: **26.9.2022 09:35::09** last scan at: **4.10.2022 16:02:11**
Duration: **8d 6h 27min 2sec**