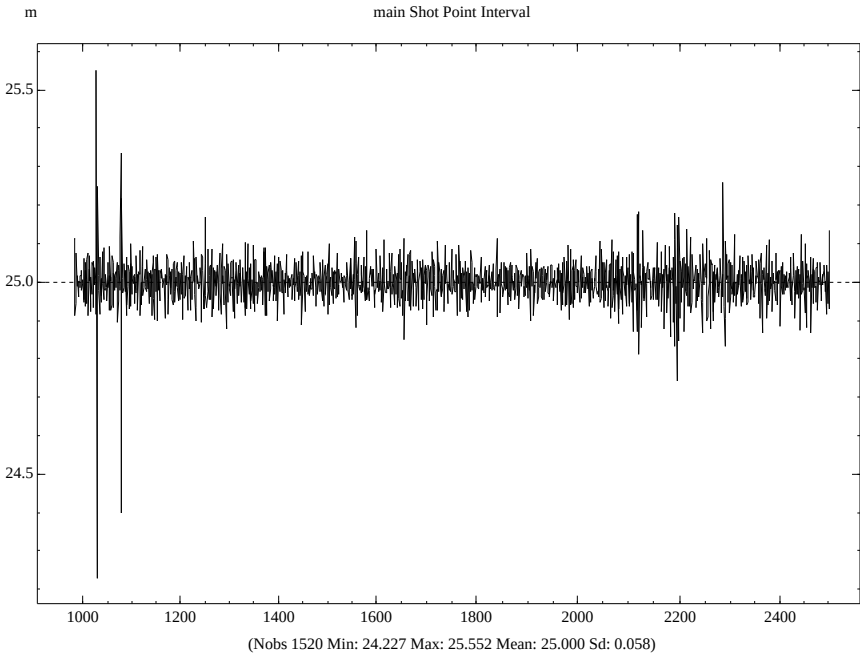
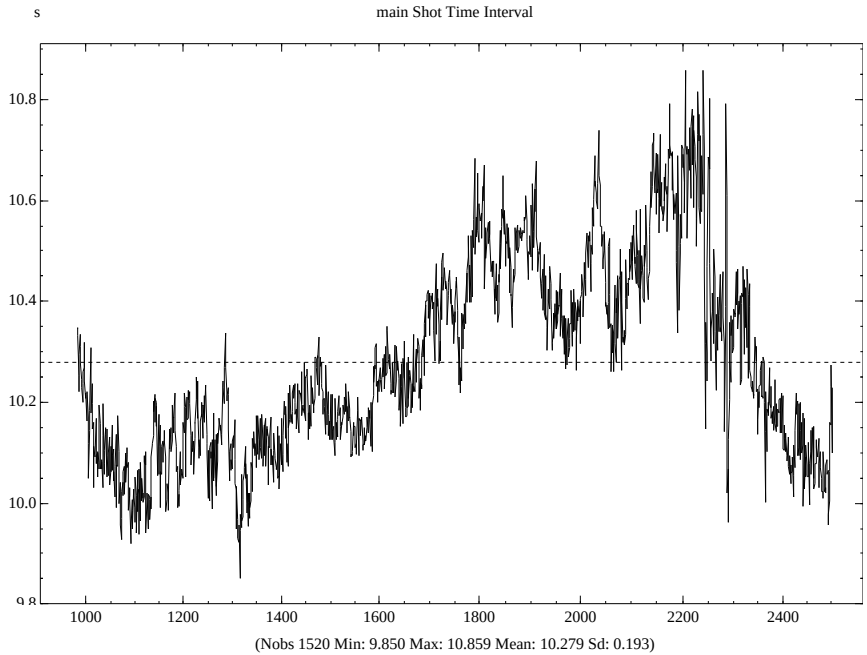
Project	Santos SS04		
Project ID	6214		
Client	Santos		
Line Name	SS04-015-006 (6)		
File Number	000		
First Shot	982	Date	08:12:33 10 Jan 2005
Last Shot	2502	Date	12:32:57 10 Jan 2005

Spectra QC



(Nobs 1520 Min: 24.227 Max: 25.552 Mean: 25.000 Sd: 0.058)

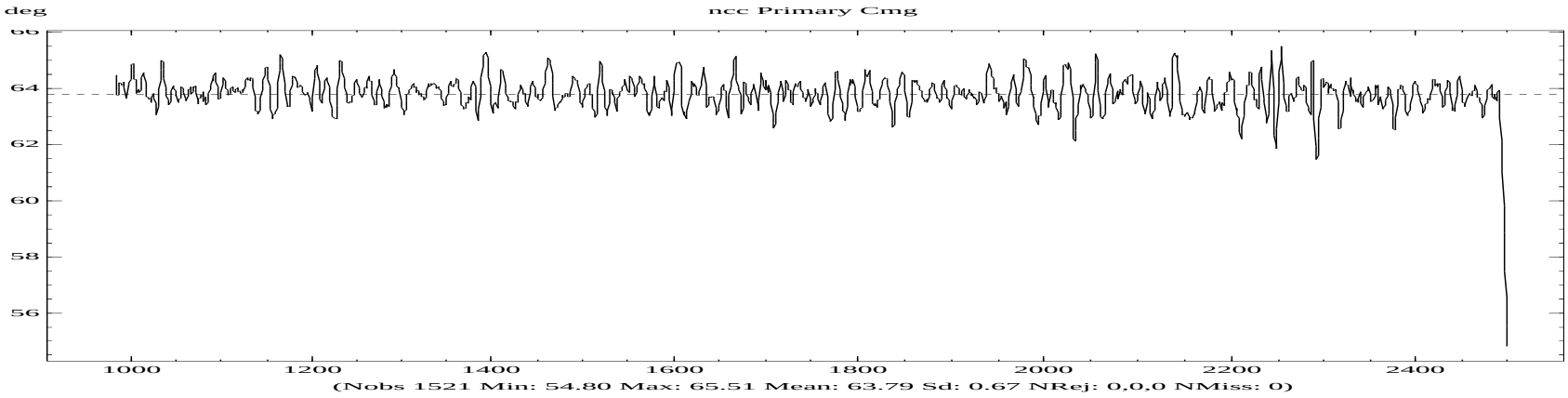


(Nobs 1520 Min: 9.850 Max: 10.859 Mean: 10.279 Sd: 0.193)

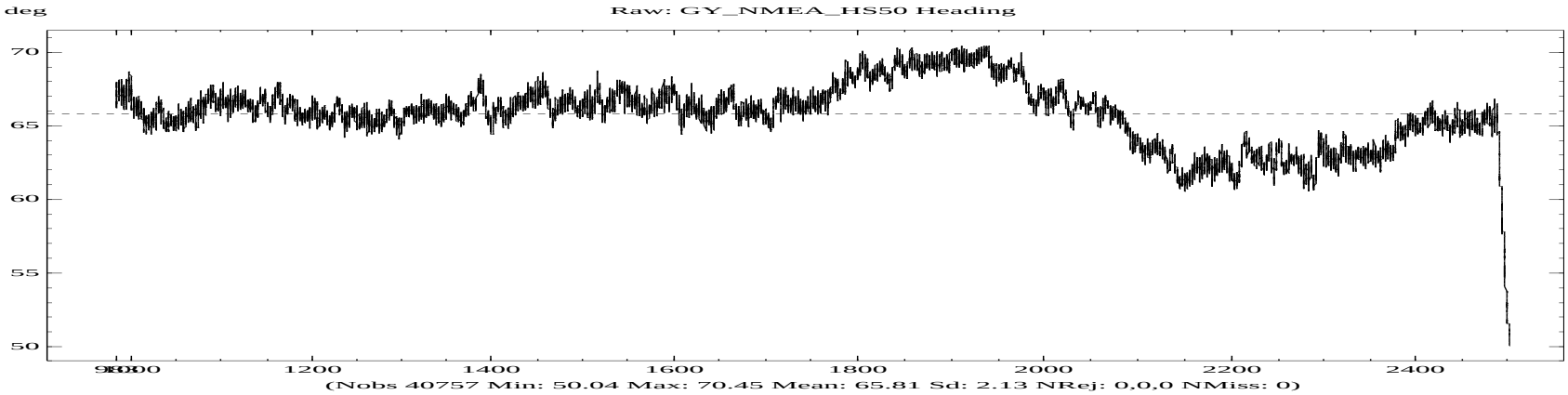
Id	*Rejection Threshold Description*	*Upper*	*Lower*

Network Name : main , Number of Missing Shots 0

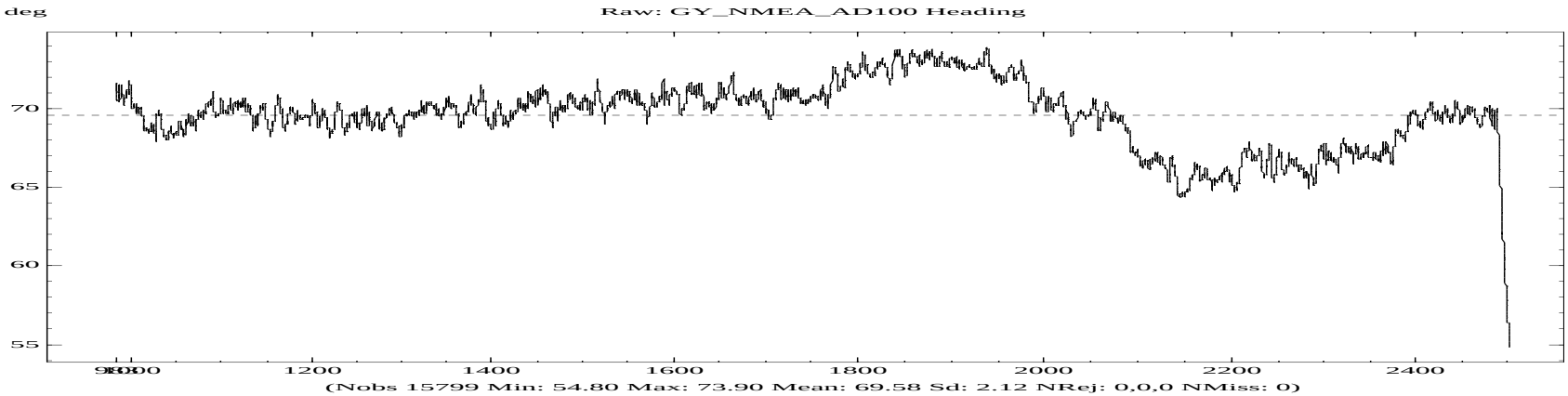
** No Timing QC Configuration Set, so no Timing QC Report for line: SS04-015-006.000 **



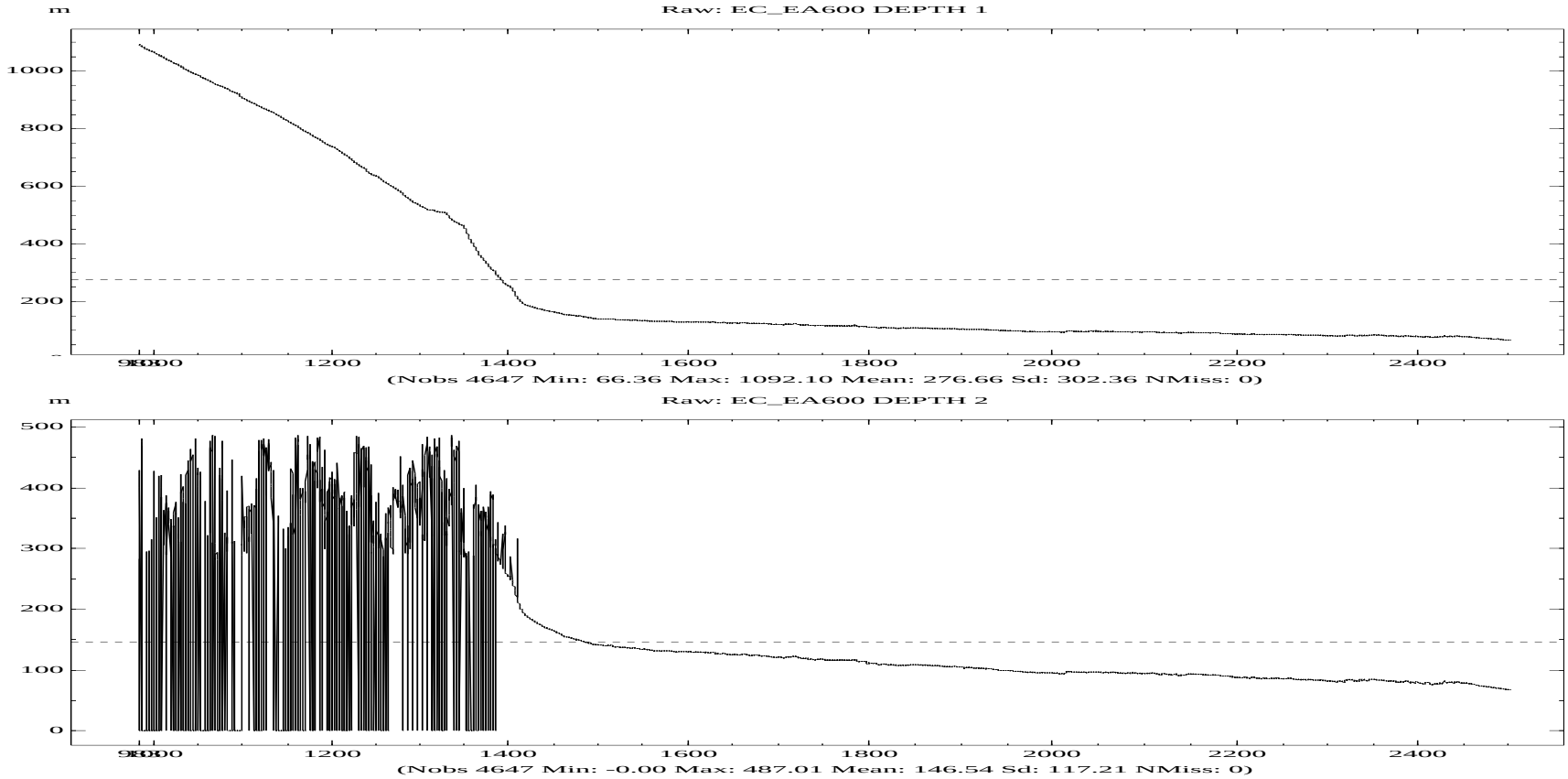
(Nobs 1521 Min: 54.80 Max: 65.51 Mean: 63.79 Sd: 0.67 NRej: 0,0,0 NMiss: 0)

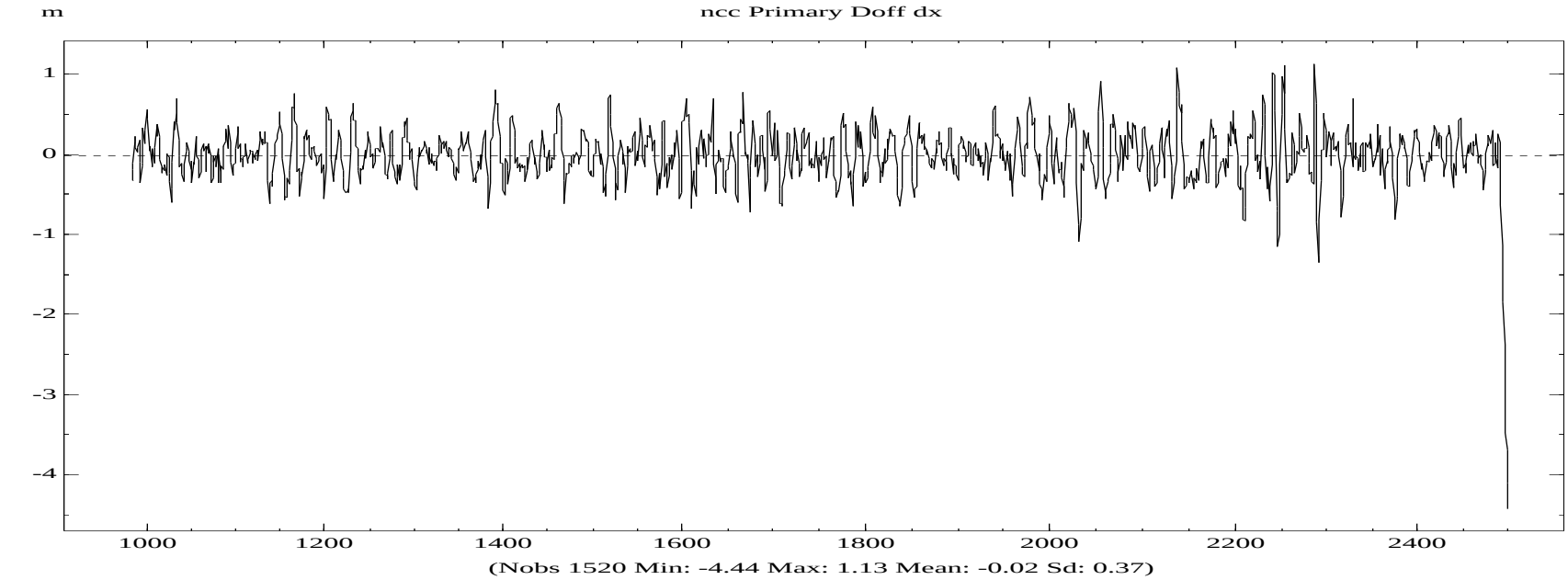


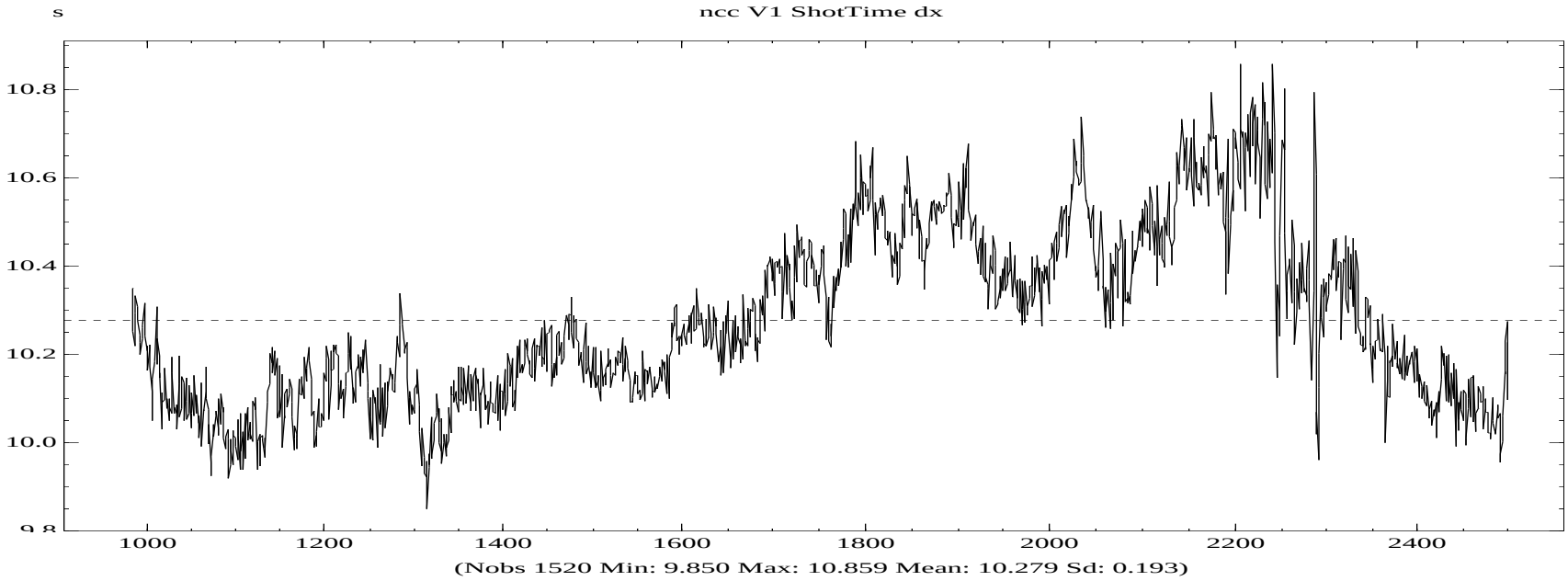
(Nobs 40757 Min: 50.04 Max: 70.45 Mean: 65.81 Sd: 2.13 NRej: 0,0,0 NMiss: 0)



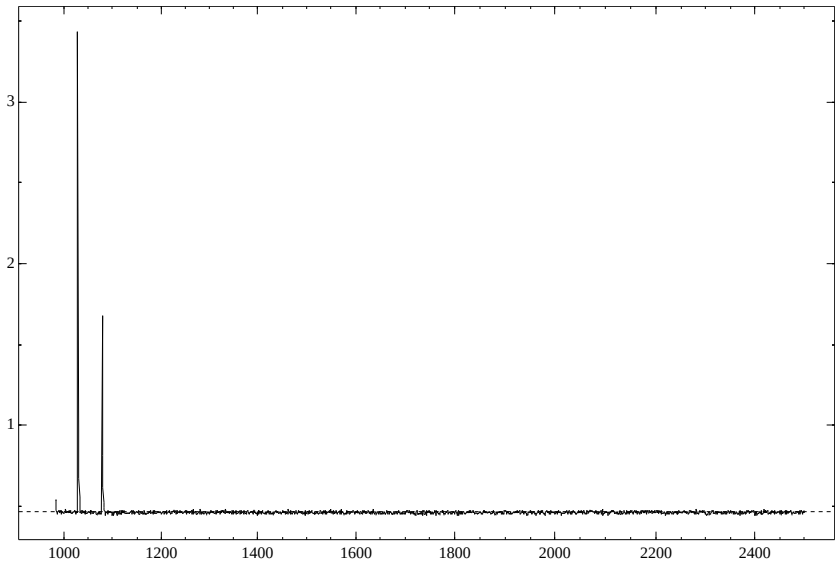
(Nobs 15799 Min: 54.80 Max: 73.90 Mean: 69.58 Sd: 2.12 NRej: 0,0,0 NMiss: 0)


m
Raw: EC_EA600 DEPTH 1
1000
800
600
400
200
1200
1400
1600
1800
2000
2200
2400
(Nobs 4647 Min: 66.36 Max: 1092.10 Mean: 276.66 Sd: 302.36 NMiss: 0)
m
Raw: EC_EA600 DEPTH 2
500
400
300
200
100
0
1200
1400
1600
1800
2000
2200
2400
(Nobs 4647 Min: -0.00 Max: 487.01 Mean: 146.54 Sd: 117.21 NMiss: 0)


m
ncc Primary Doff dx
1
0
-1
-2
-3
-4
1000
1200
1400
1600
1800
2000
2200
2400
(Nobs 1520 Min: -4.44 Max: 1.13 Mean: -0.02 Sd: 0.37)

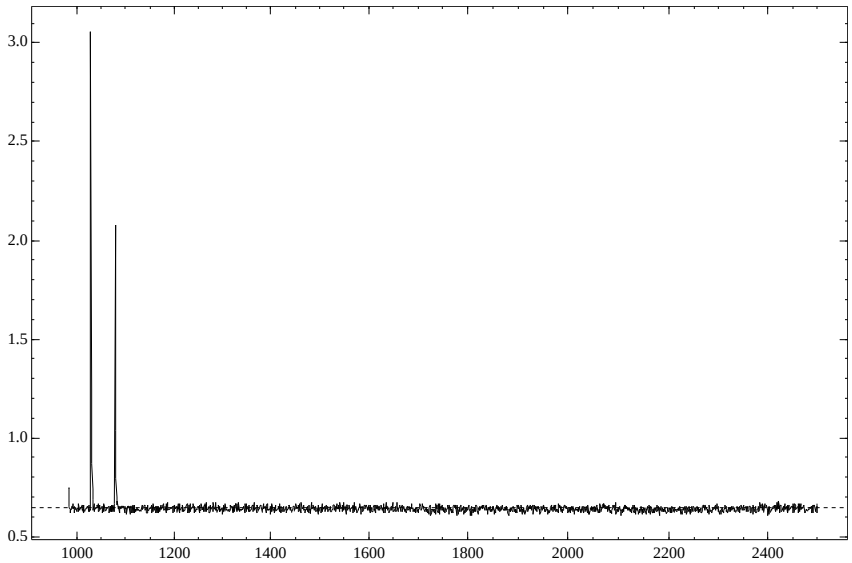

s
ncc V1 ShotTime dx
10.8
10.6
10.4
10.2
10.0
9.8
1000
1200
1400
1600
1800
2000
2200
2400
(Nobs 1520 Min: 9.850 Max: 10.859 Mean: 10.279 Sd: 0.193)

m main Primary Sma



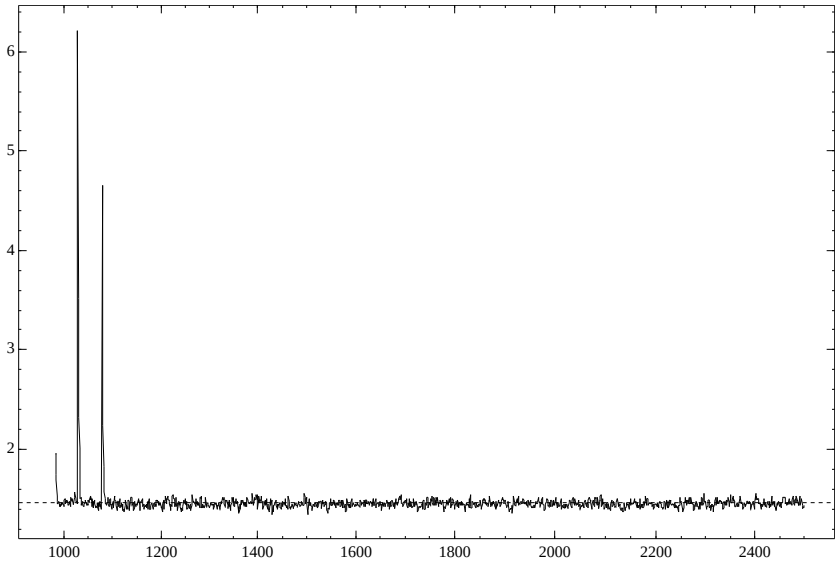
(Nobs 1521 Min: 0.44 Max: 3.44 Mean: 0.46 Sd: 0.08)

m main G1 Sma



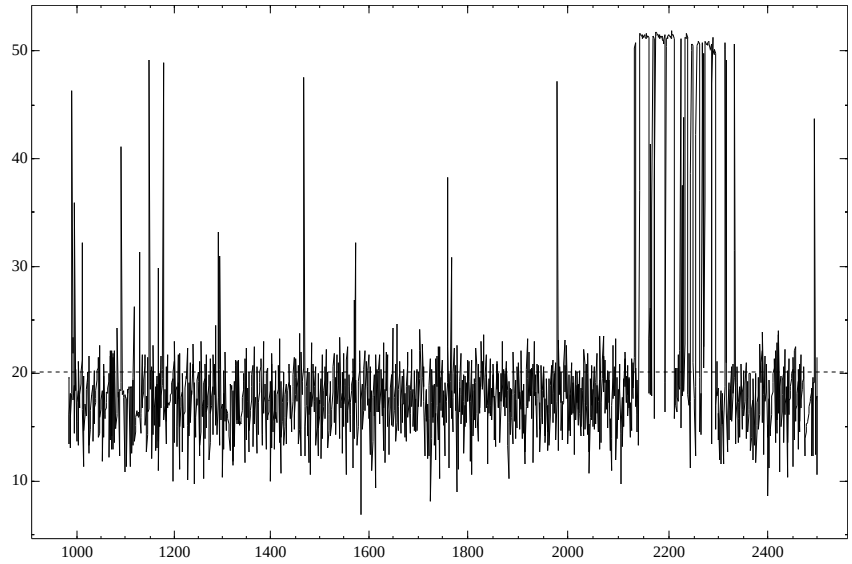
(Nobs 1521 Min: 0.604 Max: 3.059 Mean: 0.644 Sd: 0.076)

m main S1 Sma

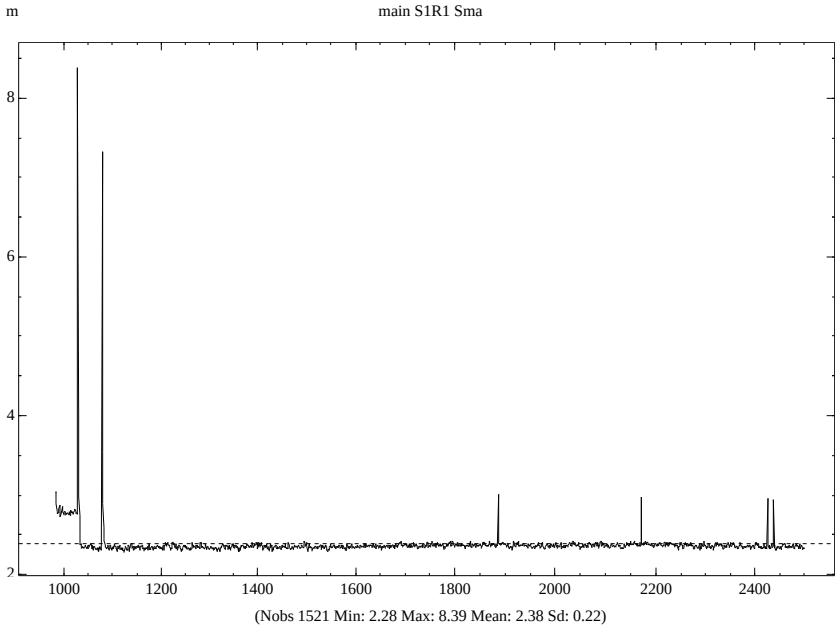


(Nobs 1521 Min: 1.34 Max: 6.22 Mean: 1.46 Sd: 0.17)

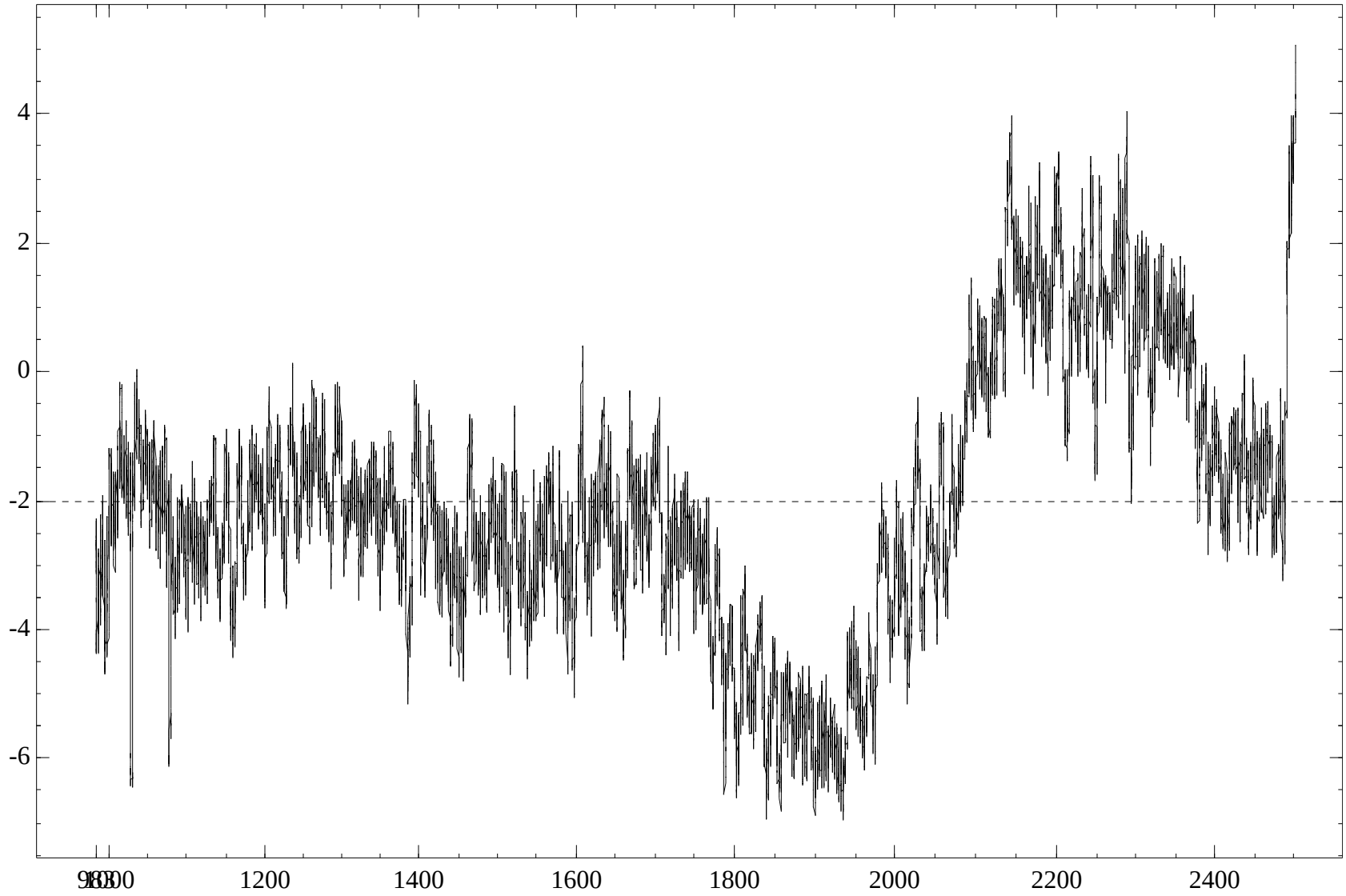
m main TB1 Sma



(Nobs 1521 Min: 6.83 Max: 51.93 Mean: 20.19 Sd: 9.27)

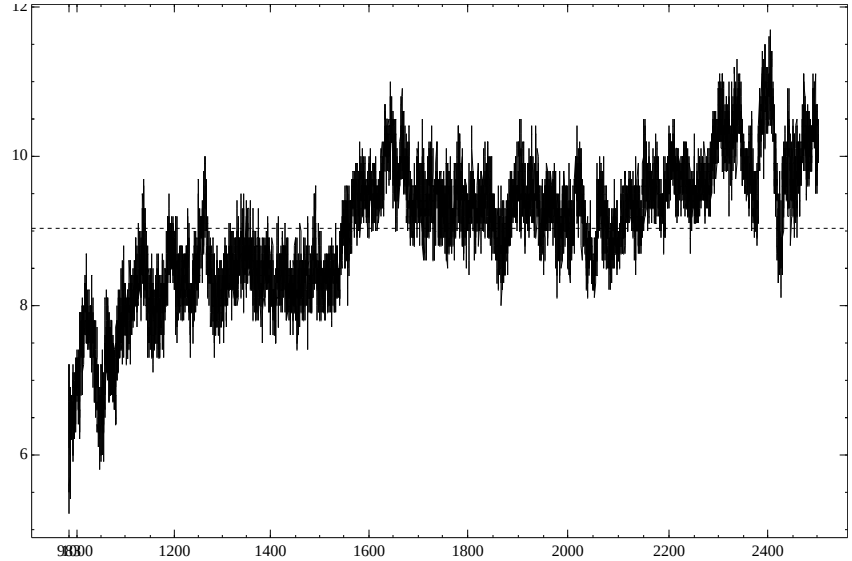

m
main S1R1 Sma
8
6
4
2
1000
1200
1400
1600
1800
2000
2200
2400
(Nobs 1521 Min: 2.28 Max: 8.39 Mean: 2.38 Sd: 0.22)

deg main Primary Cmg - Raw: GY_NMEA_HS50 Heading (Continuous)



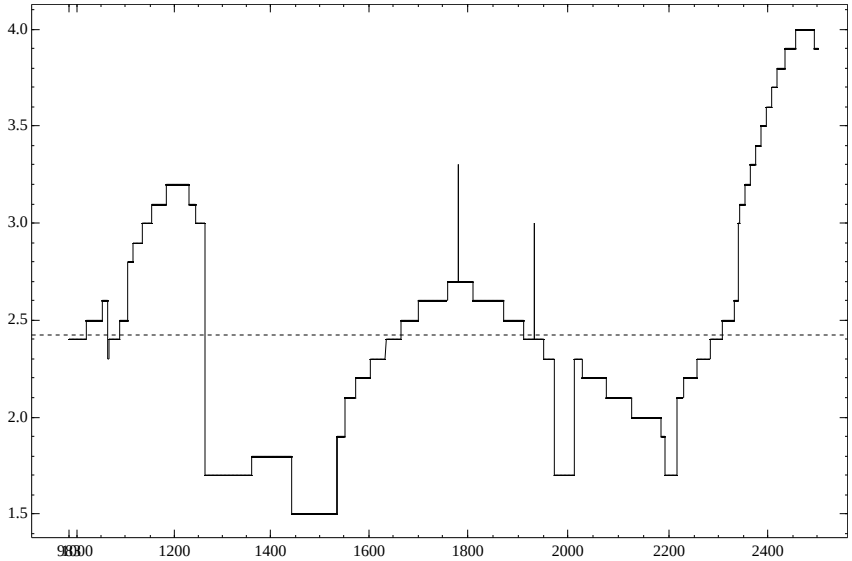
(Nobs 40757 Min: -6.96 Max: 5.08 Mean: -2.03 Sd: 2.01 NRej: 0,0,0 NMiss: 0)

Raw: V1_GPS1 Height



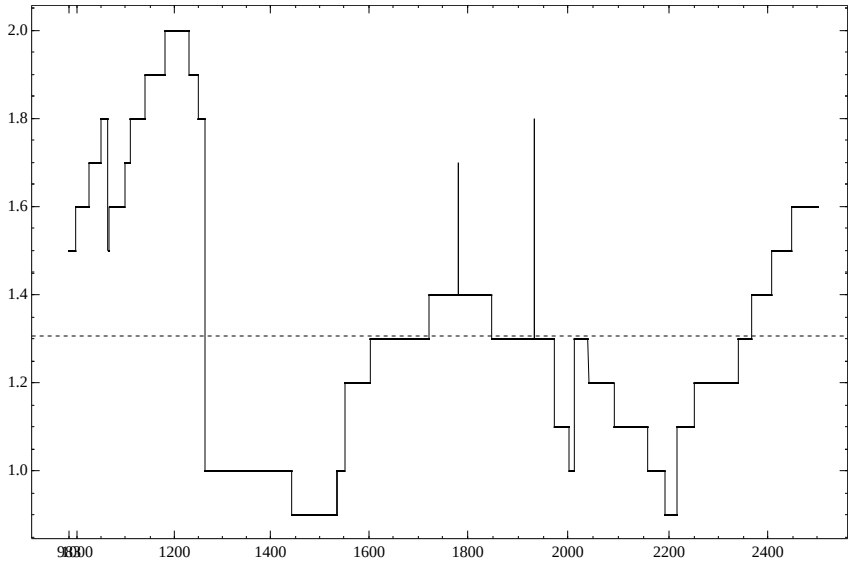
(Nobs 15636 Min: 5.20 Max: 11.70 Mean: 9.03 Sd: 0.90 NRej: 0 NMiss: 0)

Raw: V1_GPS1 PDOP



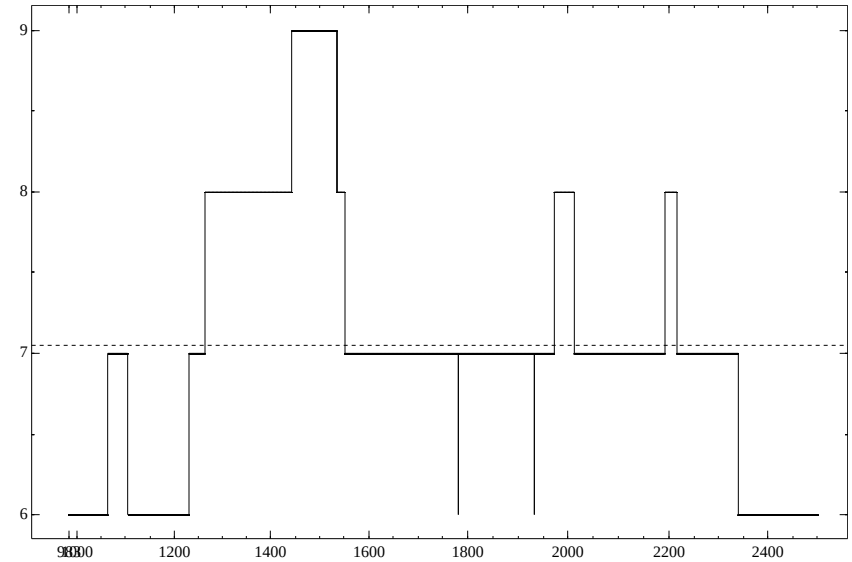
(Nobs 15636 Min: 1.500 Max: 4.000 Mean: 2.421 Sd: 0.611 NRej: 0 NMiss: 0)

Raw: V1_GPS1 HDOP



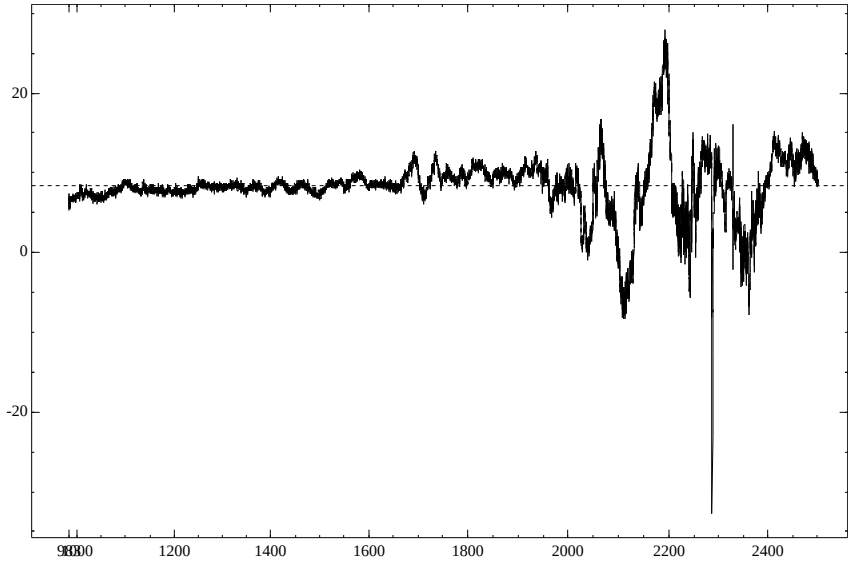
(Nobs 15636 Min: 0.900 Max: 2.000 Mean: 1.307 Sd: 0.289 NRej: 0 NMiss: 0)

Raw: V1_GPS1 NSats Tracked



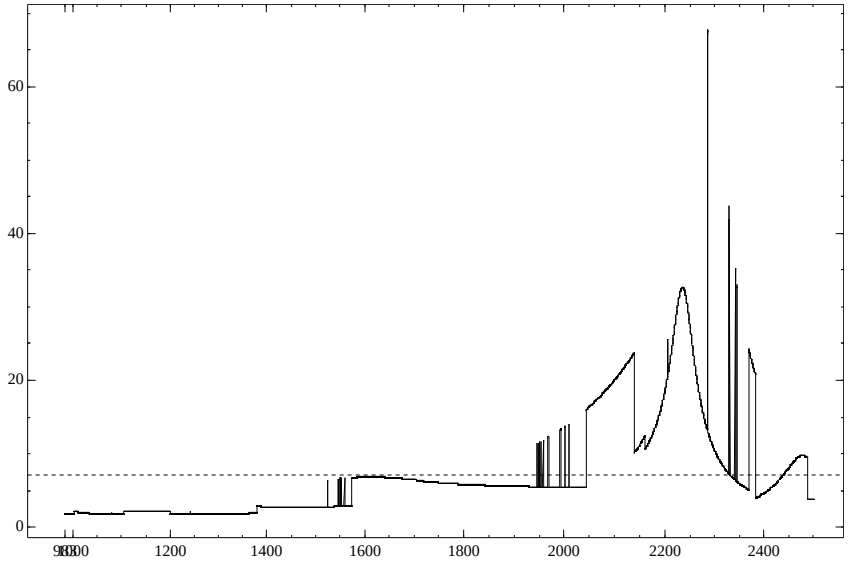
(Nobs 15636 Min: 6.00 Max: 9.00 Mean: 7.05 Sd: 0.81 NRej: 0 NMiss: 0)

Raw: V1_GPS2 Height



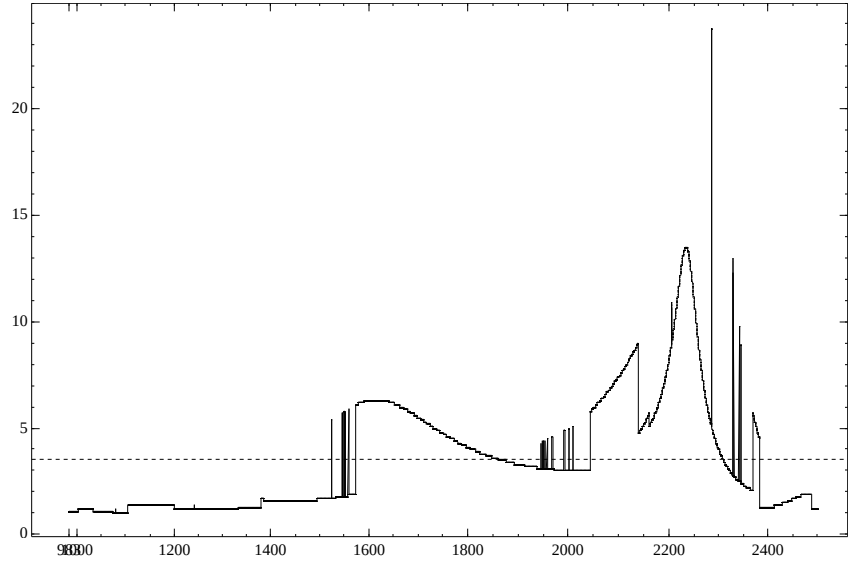
(Nobs 15635 Min: -32.80 Max: 28.00 Mean: 8.30 Sd: 3.71 NRej: 0 NMiss: 0)

Raw: V1_GPS2 PDOP



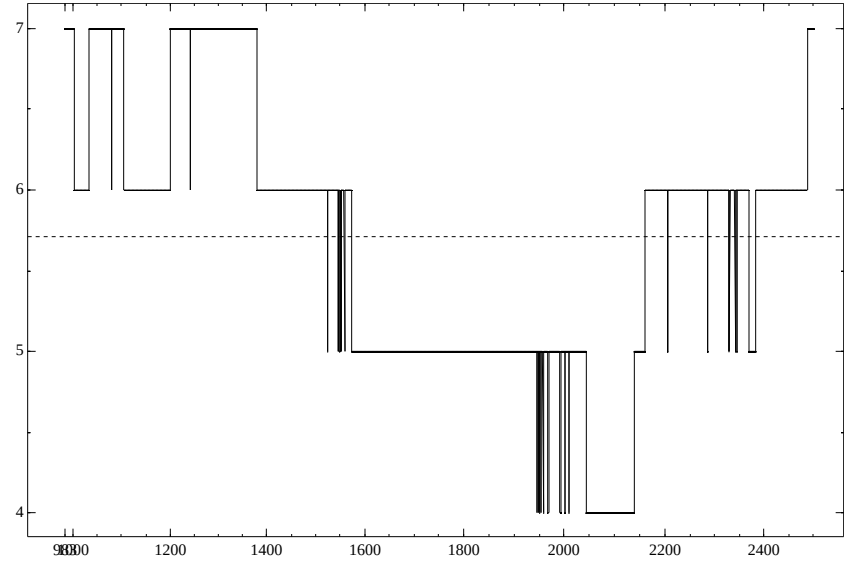
(Nobs 15635 Min: 1.80 Max: 67.80 Mean: 7.19 Sd: 6.93 NRej: 0 NMiss: 0)

Raw: V1_GPS2 HDOP

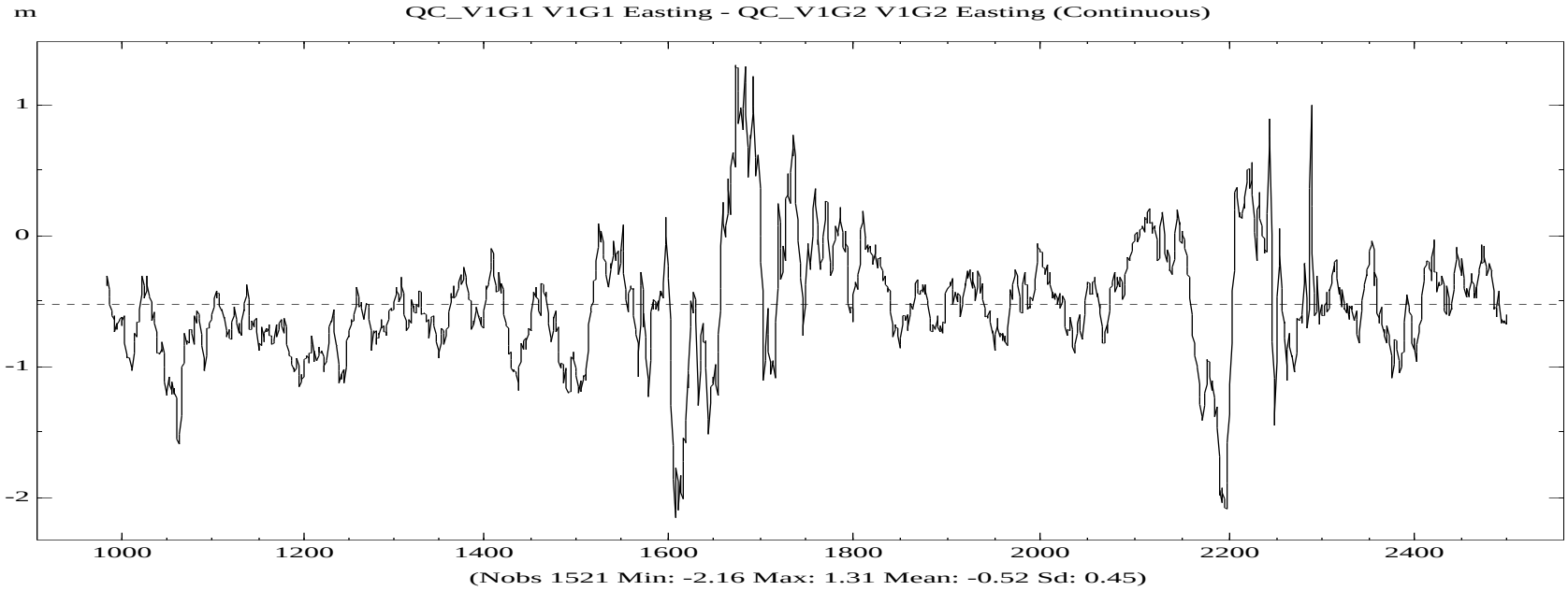


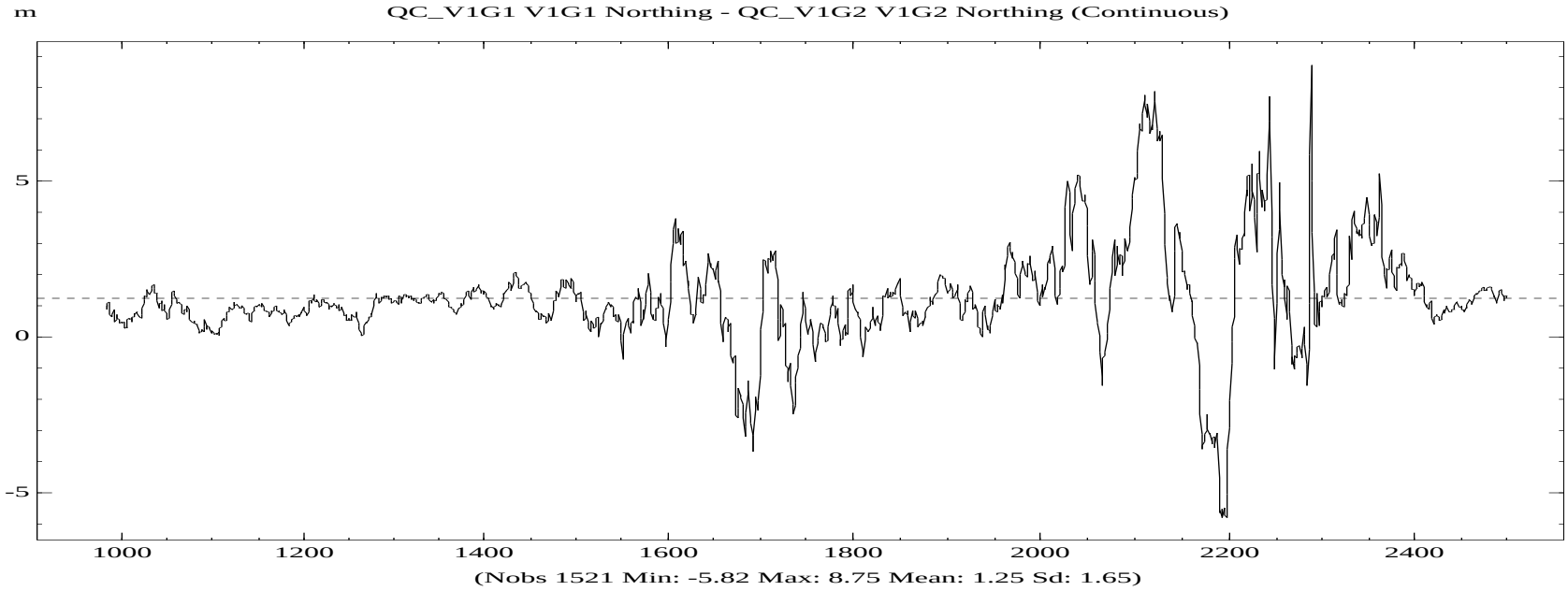
(Nobs 15635 Min: 1.00 Max: 23.80 Mean: 3.54 Sd: 2.71 NRej: 0 NMiss: 0)

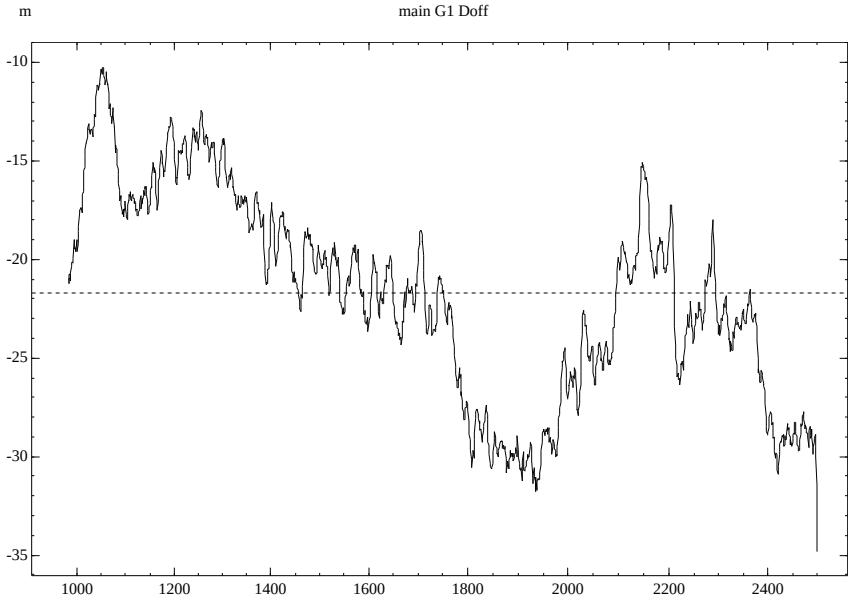
Raw: V1_GPS2 NSats Tracked



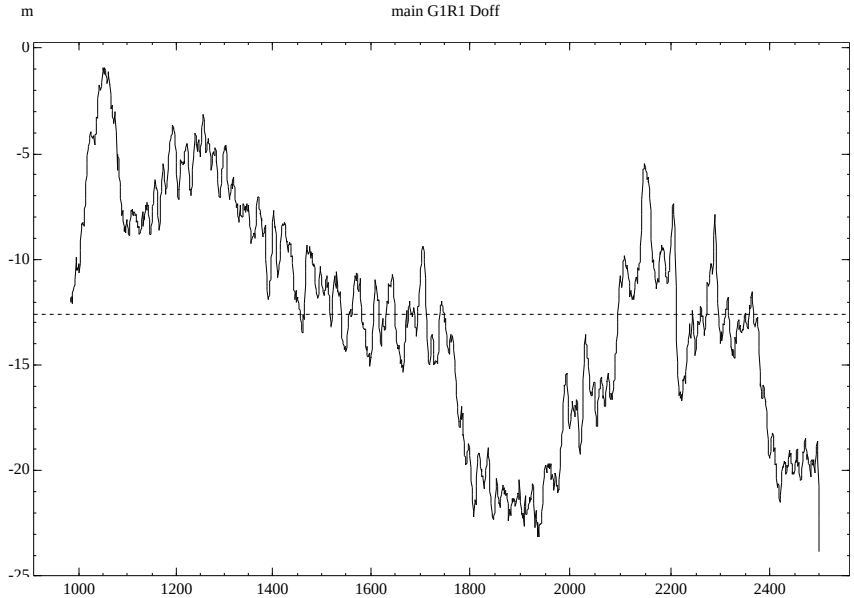
(Nobs 15635 Min: 4.00 Max: 7.00 Mean: 5.71 Sd: 0.84 NRej: 0 NMiss: 0)


m
QC_V1G1 V1G1 Easting - QC_V1G2 V1G2 Easting (Continuous)
1
0
-1
-2
1000
1200
1400
1600
1800
2000
2200
2400
(Nobs 1521 Min: -2.16 Max: 1.31 Mean: -0.52 Sd: 0.45)

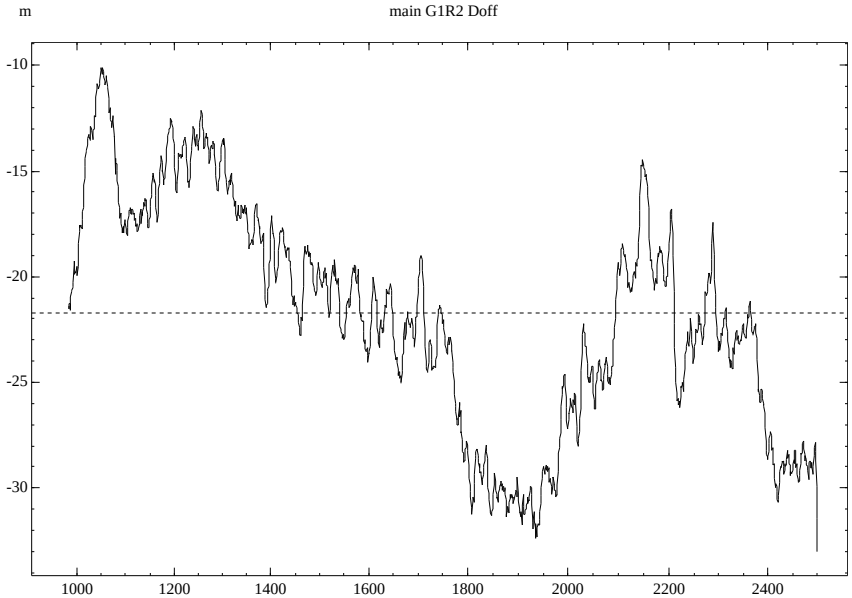

m
QC_V1G1 V1G1 Northing - QC_V1G2 V1G2 Northing (Continuous)
5
0
-5
1000
1200
1400
1600
1800
2000
2200
2400
(Nobs 1521 Min: -5.82 Max: 8.75 Mean: 1.25 Sd: 1.65)



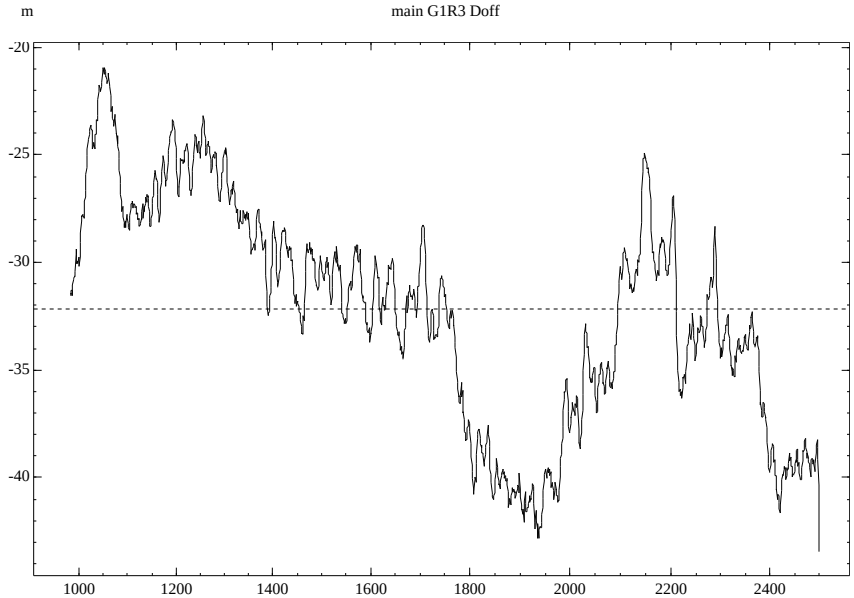
(Nobs 1521 Min: -34.85 Max: -10.24 Mean: -21.70 Sd: 5.16)



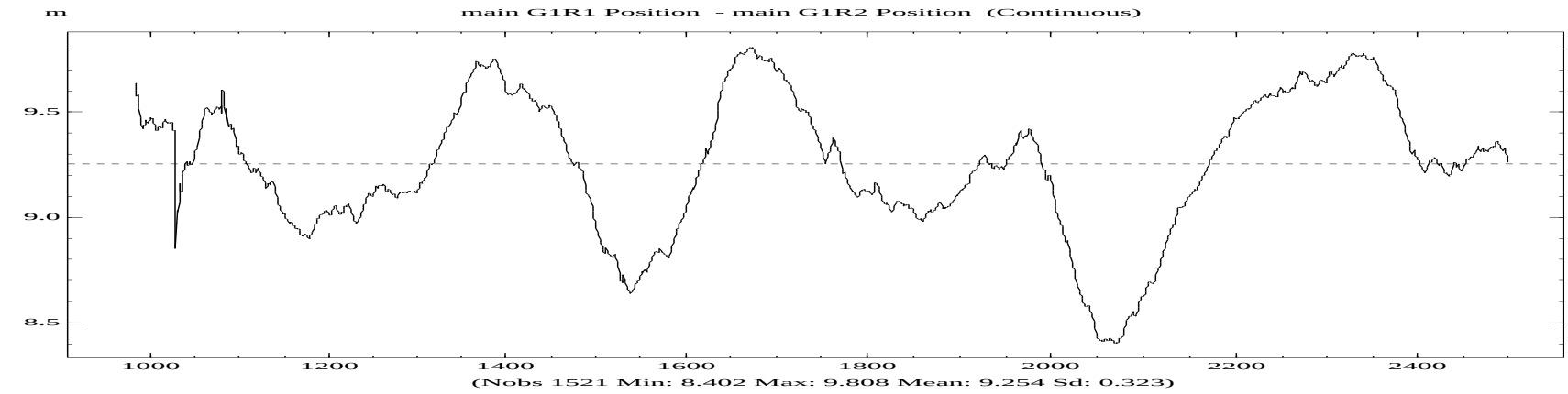
(Nobs 1521 Min: -23.86 Max: -0.90 Mean: -12.57 Sd: 5.30)

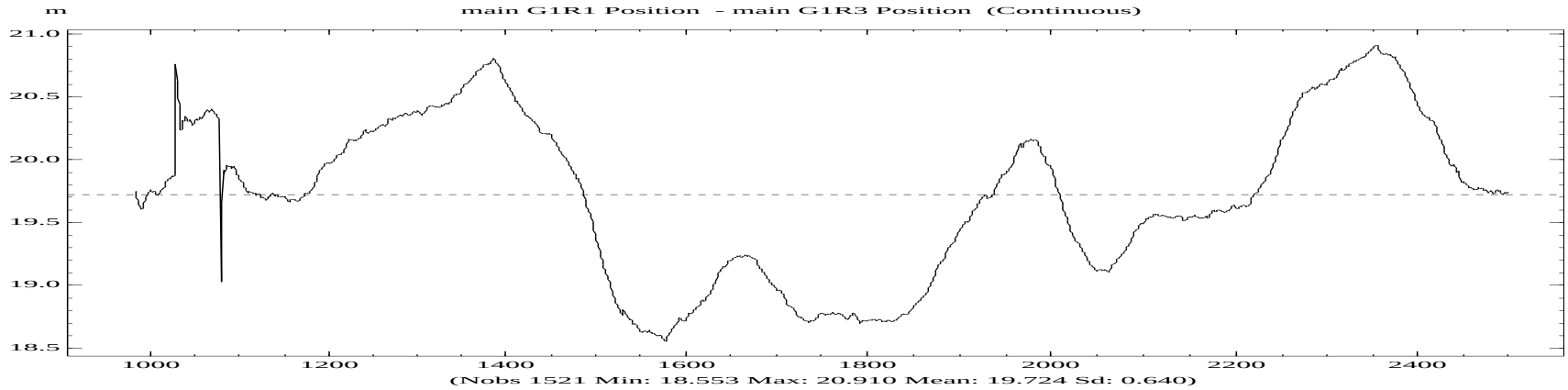


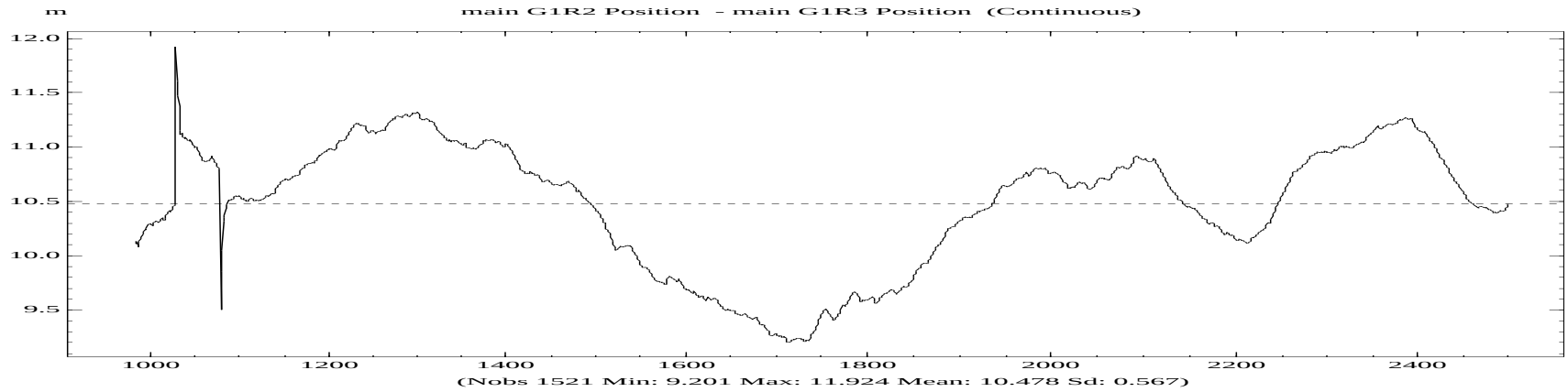
(Nobs 1521 Min: -33.03 Max: -10.08 Mean: -21.74 Sd: 5.32)

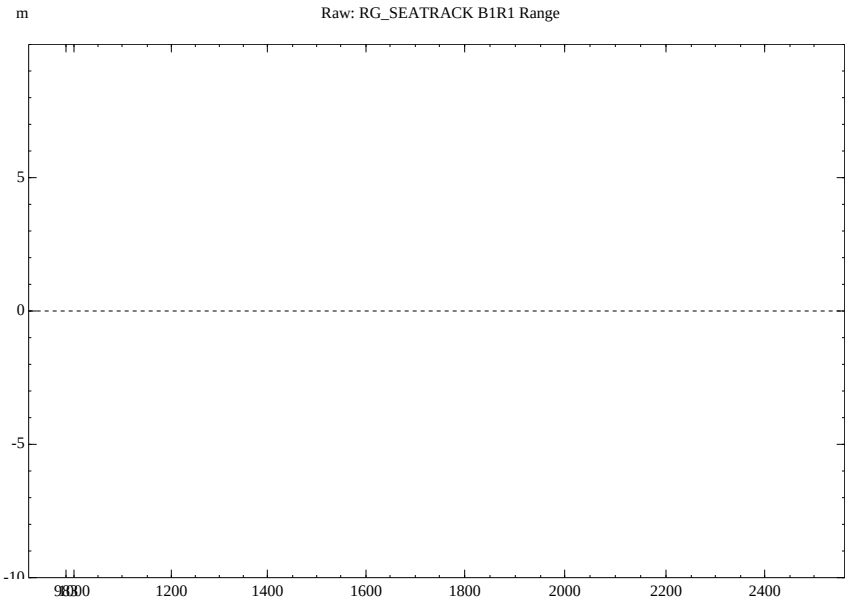


(Nobs 1521 Min: -43.47 Max: -20.93 Mean: -32.17 Sd: 5.16)

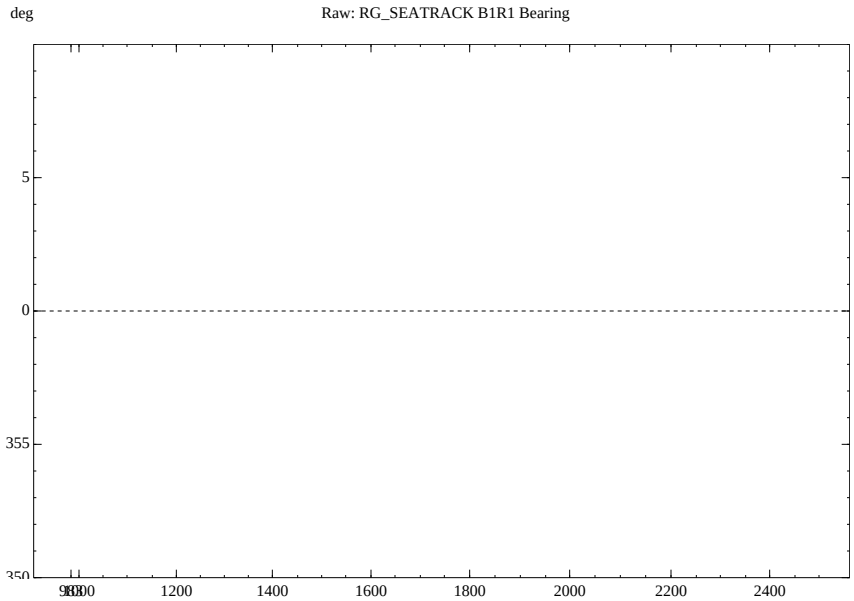

m
main G1R1 Position - main G1R2 Position (Continuous)
9.5
9.0
8.5
1000
1200
1400
1600
1800
2000
2200
2400
(Nobs 1521 Min: 8.402 Max: 9.808 Mean: 9.254 Sd: 0.323)


m
main G1R1 Position - main G1R3 Position (Continuous)
21.0
20.5
20.0
19.5
19.0
18.5
1000
1200
1400
1600
1800
2000
2200
2400
(Nobs 1521 Min: 18.553 Max: 20.910 Mean: 19.724 Sd: 0.640)

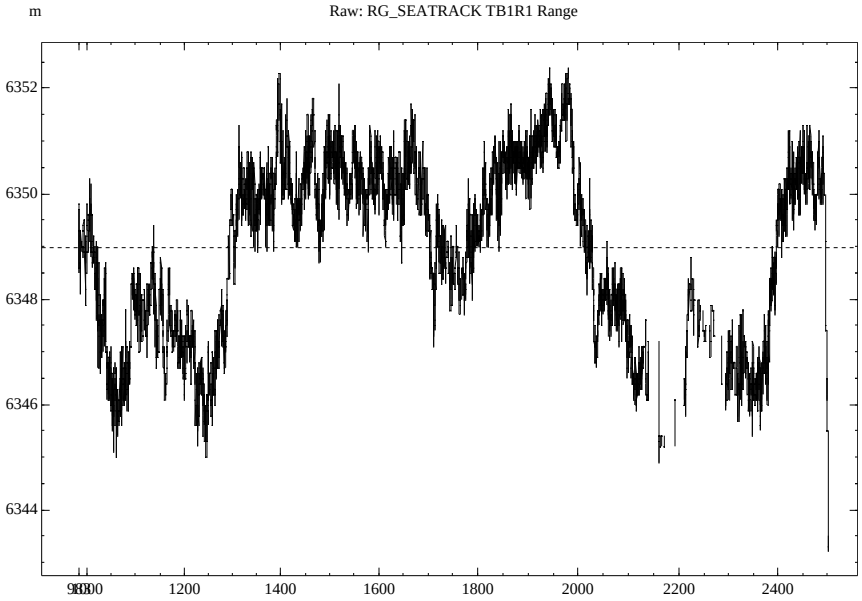

m
main G1R2 Position - main G1R3 Position (Continuous)
12.0
11.5
11.0
10.5
10.0
9.5
1000
1200
1400
1600
1800
2000
2200
2400
(Nobs 1521 Min: 9.201 Max: 11.924 Mean: 10.478 Sd: 0.567)



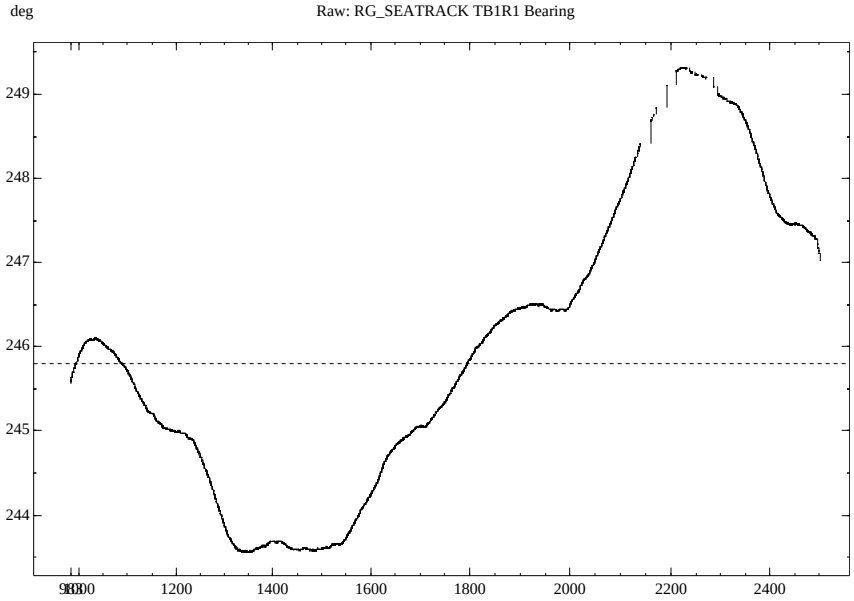
(Nobs 15622 Min: 0.00 Max: 0.00 Mean: 0.00 Sd: 0.00 NRej: 0,0,0 NMiss: 15622)



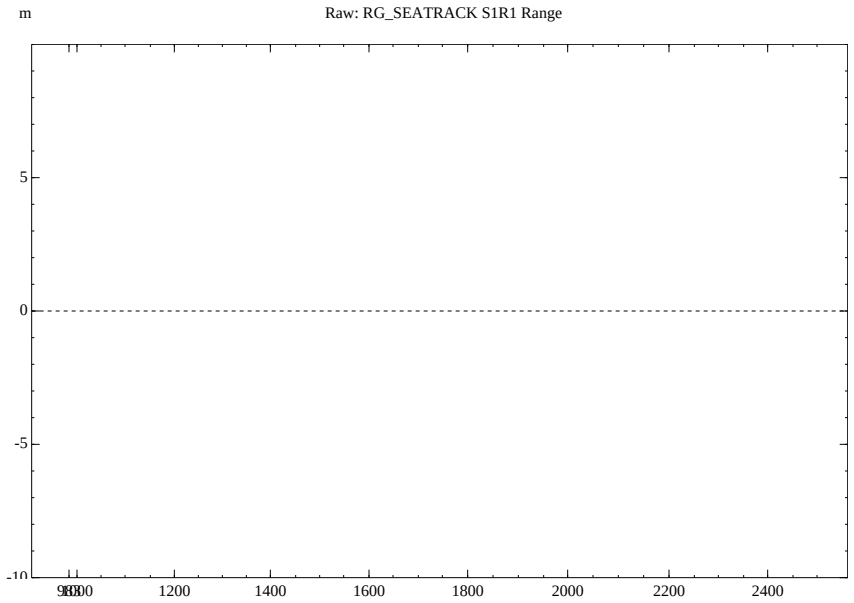
(Nobs 15622 Min: 0.00 Max: 0.00 Mean: 0.00 Sd: 0.00 NRej: 0,0,0 NMiss: 15622)



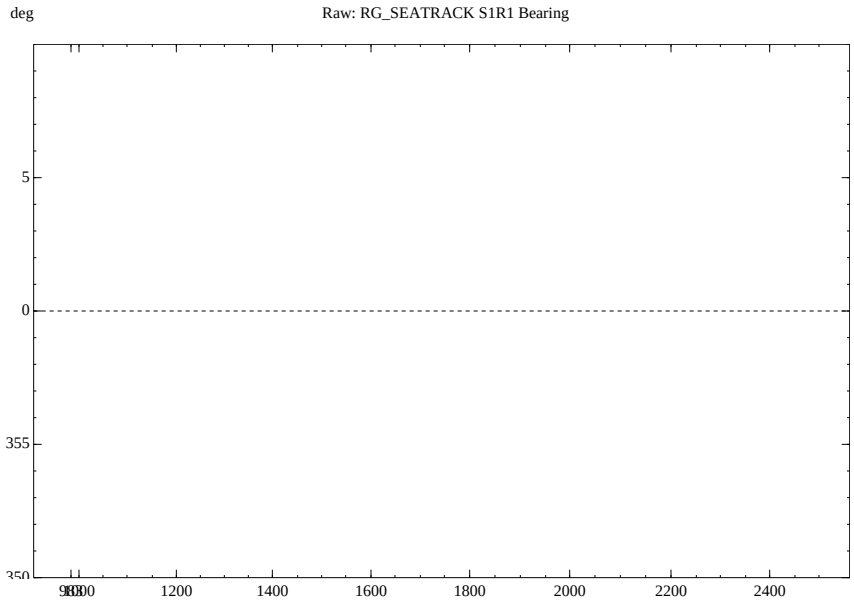
(Nobs 15622 Min: 6343.20 Max: 6352.40 Mean: 6348.97 Sd: 1.66 NRej: 0,0,0 NMiss: 1499)



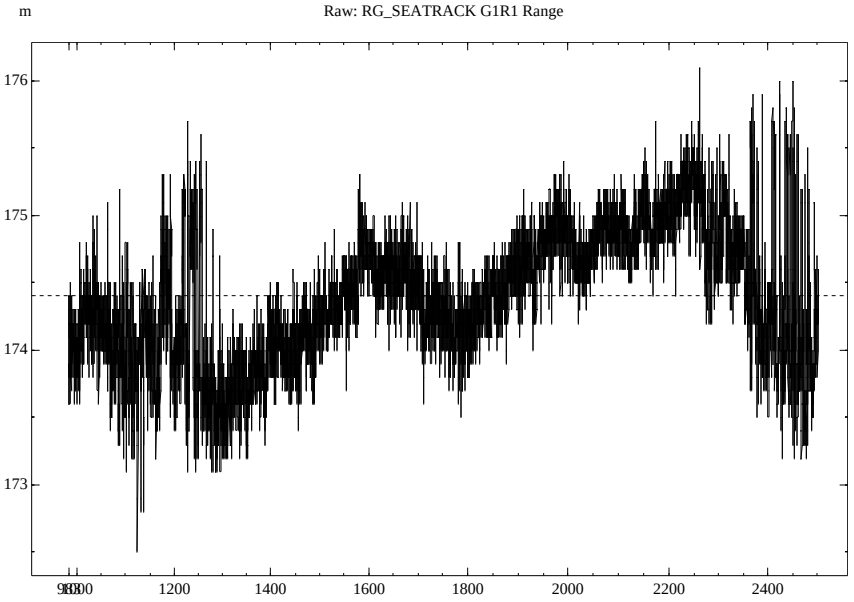
(Nobs 15622 Min: 243.56 Max: 249.32 Mean: 245.80 Sd: 1.62 NRej: 0,0,0 NMiss: 1499)



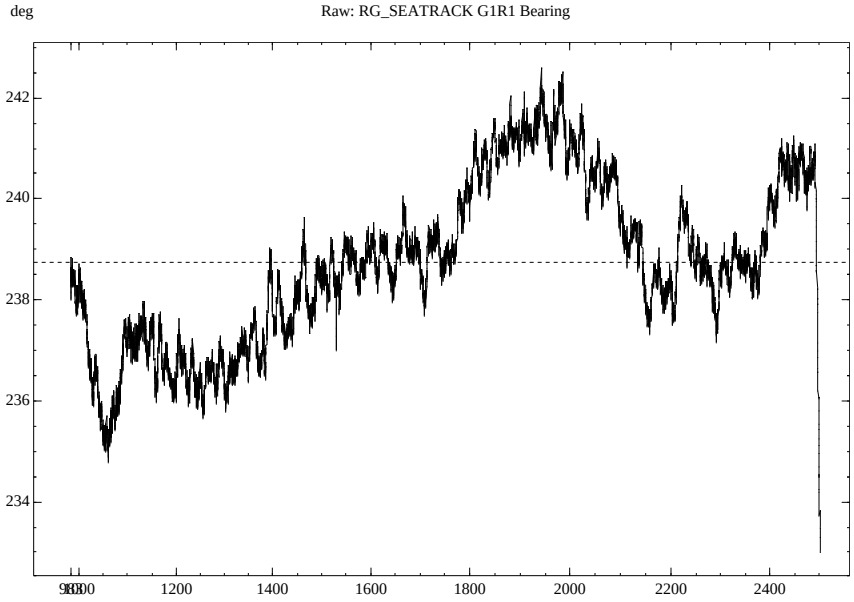
(Nobs 15622 Min: 0.00 Max: 0.00 Mean: 0.00 Sd: 0.00 NRej: 0,0,0 NMiss: 15622)



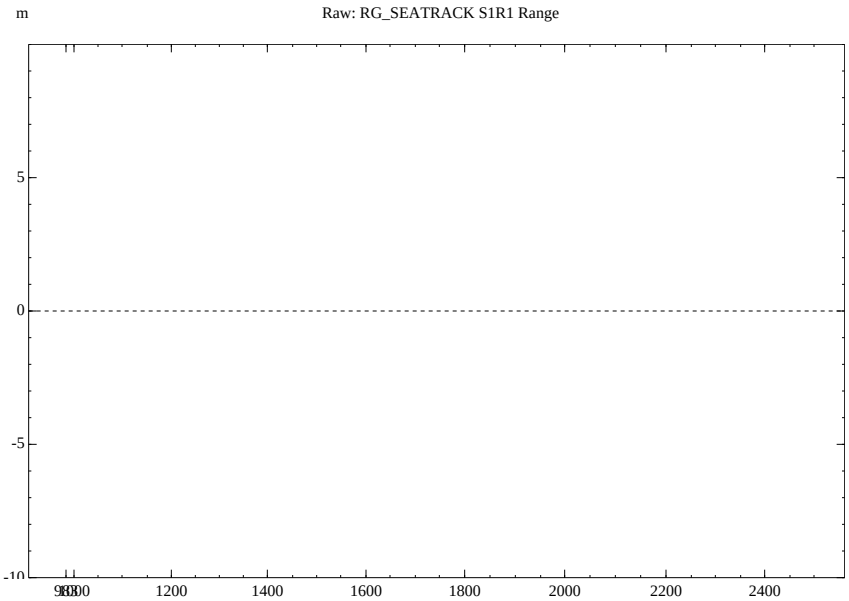
(Nobs 15622 Min: 0.00 Max: 0.00 Mean: 0.00 Sd: 0.00 NRej: 0,0,0 NMiss: 15622)



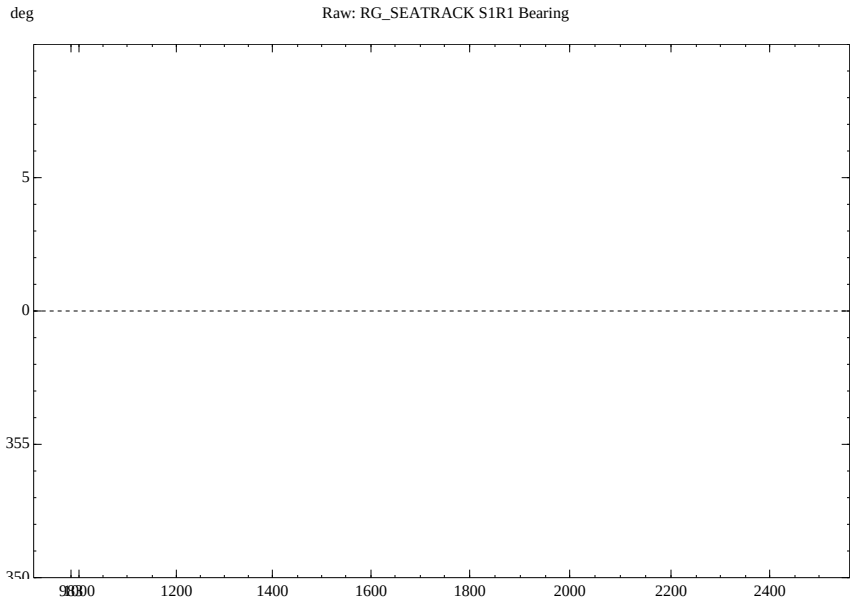
(Nobs 15622 Min: 172.50 Max: 176.10 Mean: 174.40 Sd: 0.49 NRej: 0,0,0 NMiss: 0)



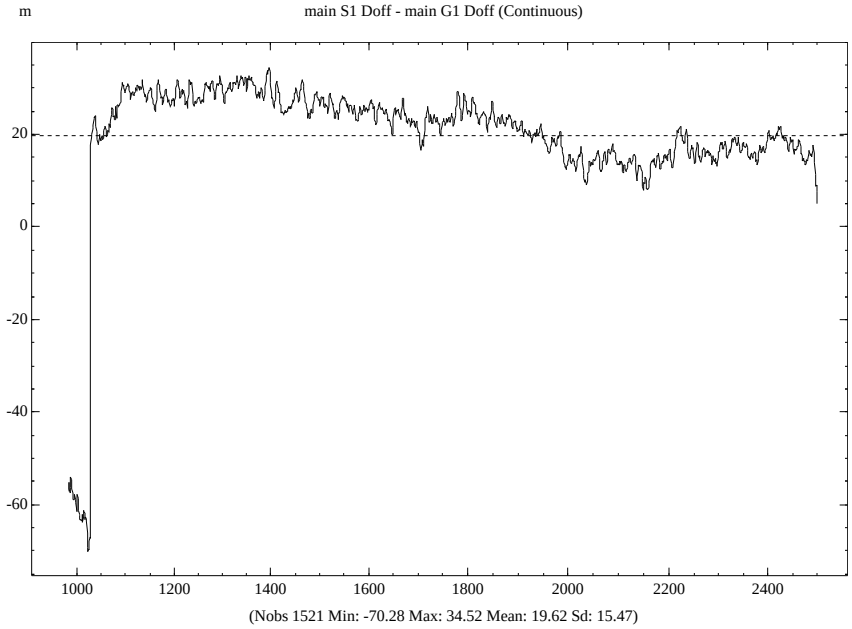
(Nobs 15622 Min: 233.00 Max: 242.61 Mean: 238.75 Sd: 1.62 NRej: 0,0,0 NMiss: 0)



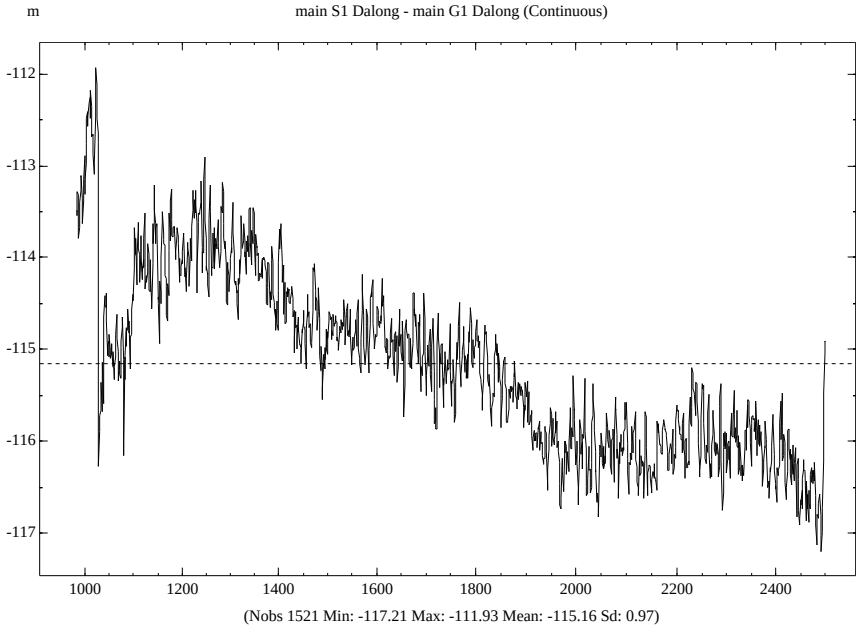
(Nobs 15622 Min: 0.00 Max: 0.00 Mean: 0.00 Sd: 0.00 NRej: 0,0,0 NMiss: 15622)



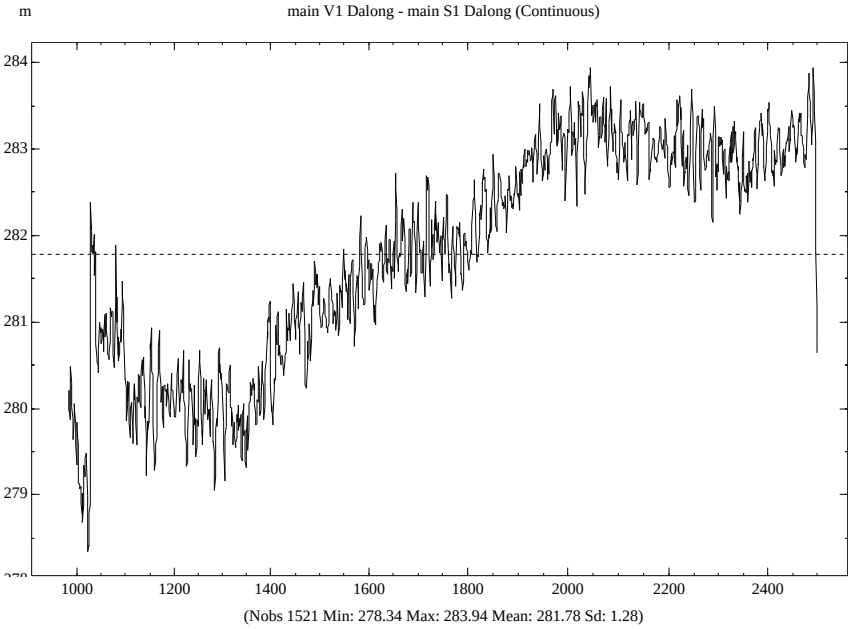
(Nobs 15622 Min: 0.00 Max: 0.00 Mean: 0.00 Sd: 0.00 NRej: 0,0,0 NMiss: 15622)



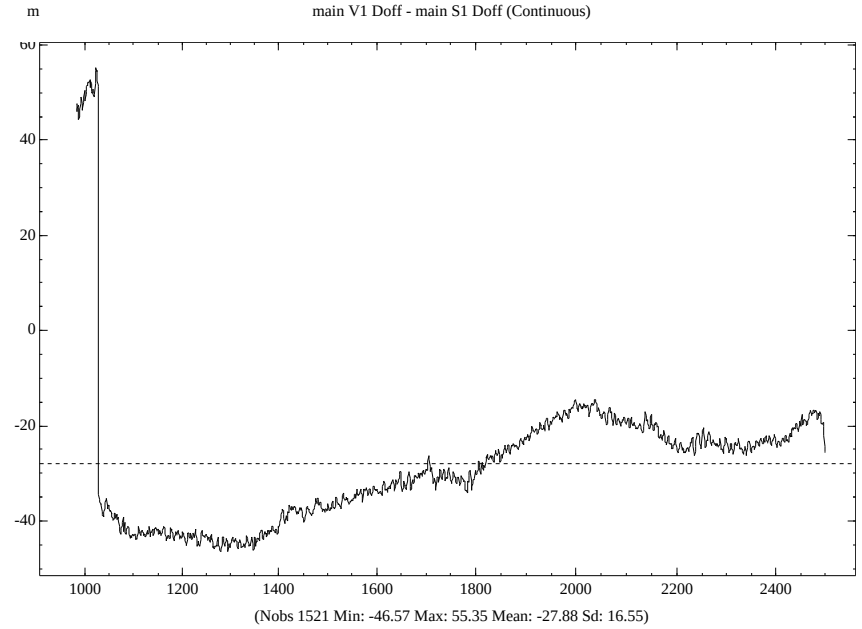
(Nobs 1521 Min: -70.28 Max: 34.52 Mean: 19.62 Sd: 15.47)



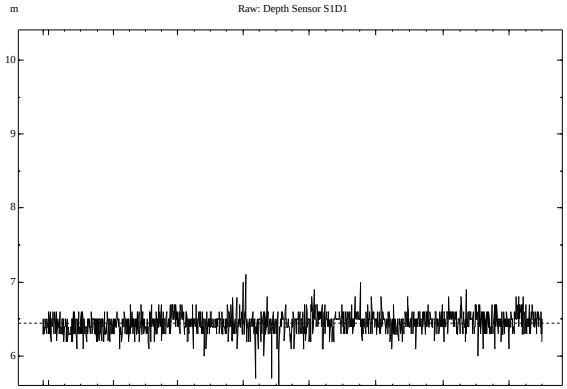
(Nobs 1521 Min: -117.21 Max: -111.93 Mean: -115.16 Sd: 0.97)



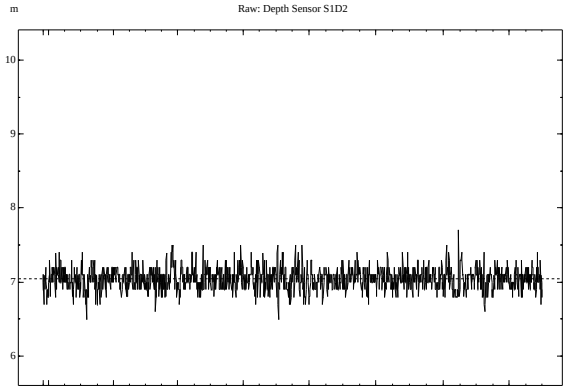
(Nobs 1521 Min: 278.34 Max: 283.94 Mean: 281.78 Sd: 1.28)



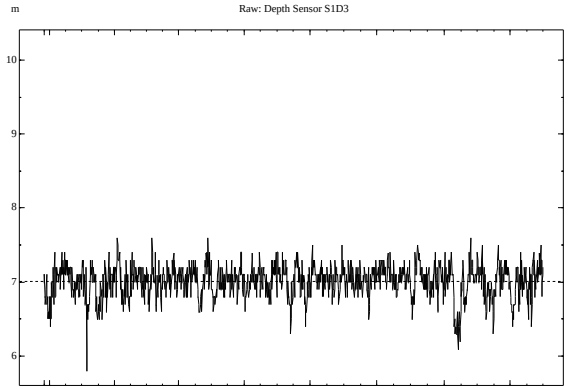
(Nobs 1521 Min: -46.57 Max: 55.35 Mean: -27.88 Sd: 16.55)



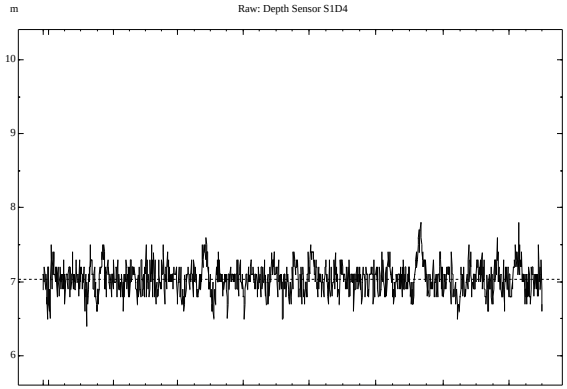
(Nobs 1517 Min: 5.60 Max: 7.10 Mean: 6.45 Sd: 0.13 NMiss: 0)



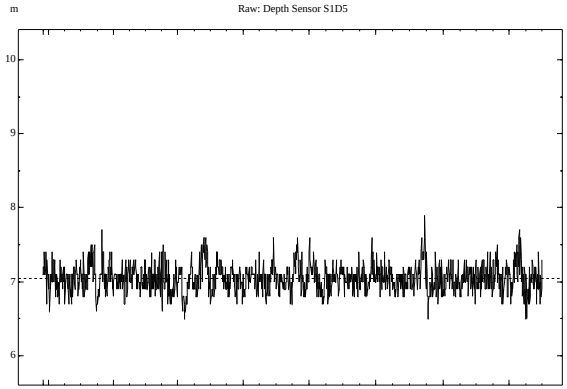
(Nobs 1517 Min: 6.50 Max: 7.70 Mean: 7.04 Sd: 0.15 NMiss: 0)



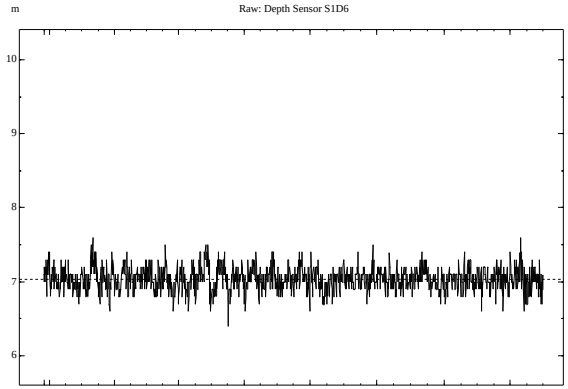
(Nobs 1517 Min: 5.80 Max: 7.60 Mean: 7.01 Sd: 0.22 NMiss: 0)



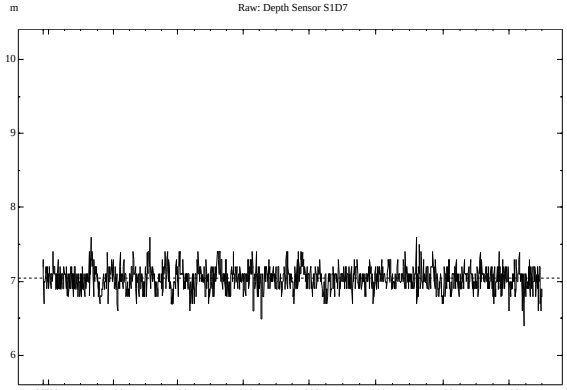
(Nobs 1517 Min: 6.40 Max: 7.80 Mean: 7.04 Sd: 0.19 NMiss: 0)



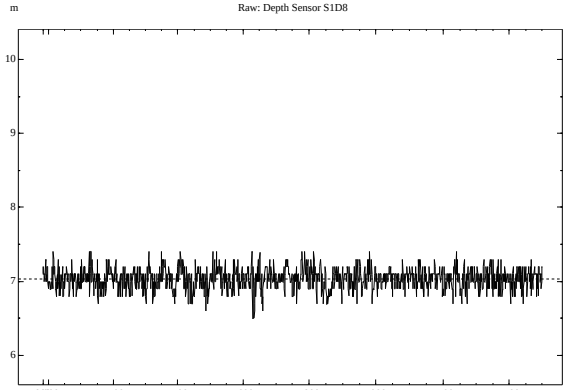
(Nobs 1517 Min: 6.50 Max: 7.90 Mean: 7.05 Sd: 0.18 NMiss: 0)



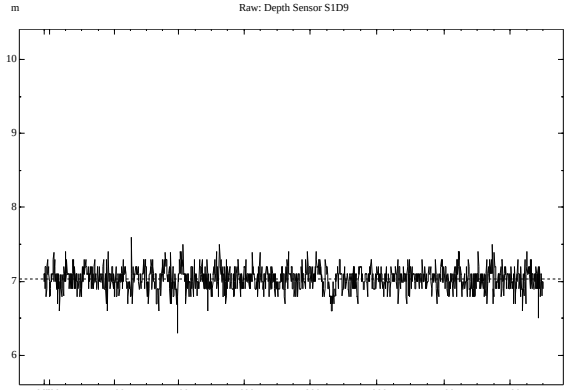
(Nobs 1517 Min: 6.40 Max: 7.60 Mean: 7.04 Sd: 0.16 NMiss: 0)



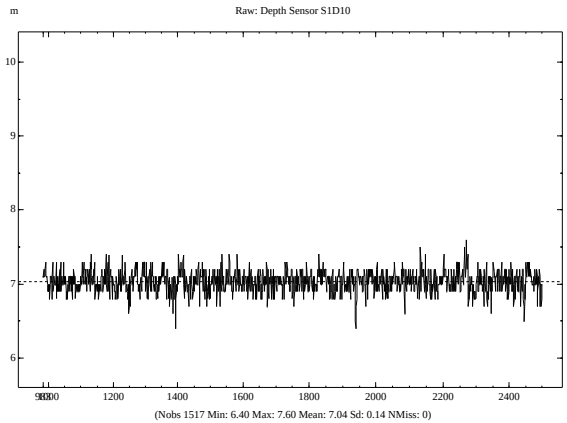
(Nobs 1517 Min: 6.40 Max: 7.60 Mean: 7.04 Sd: 0.15 NMiss: 0)



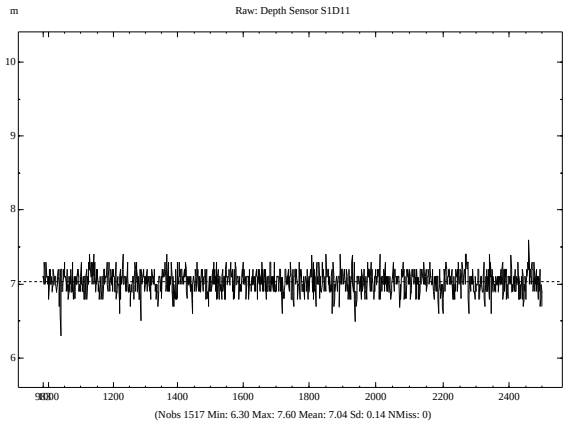
(Nobs 1517 Min: 6.50 Max: 7.40 Mean: 7.03 Sd: 0.14 NMiss: 0)



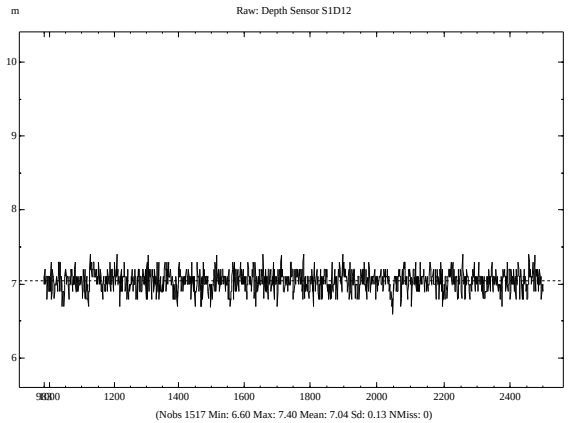
(Nobs 1517 Min: 6.30 Max: 7.60 Mean: 7.04 Sd: 0.15 NMiss: 0)



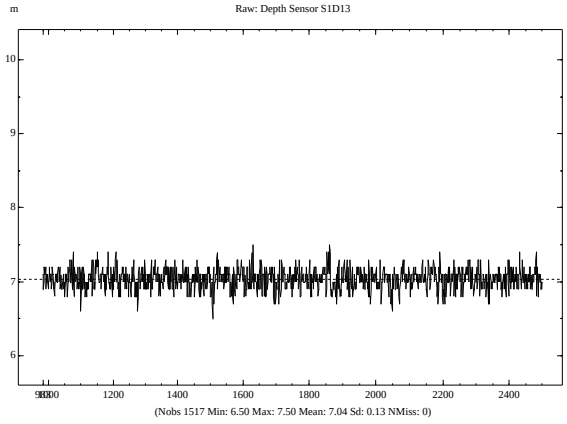
(Nobs 1517 Min: 6.40 Max: 7.60 Mean: 7.04 Sd: 0.14 NMiss: 0)



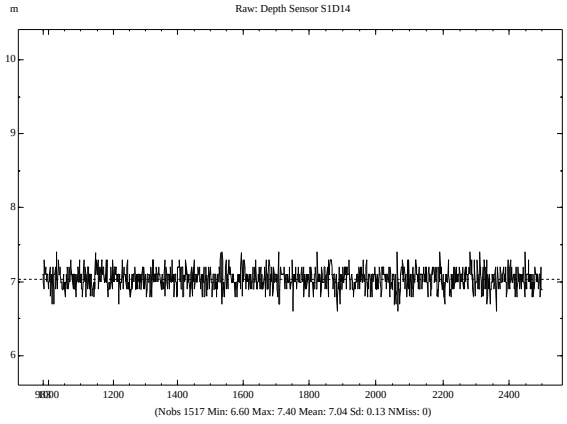
(Nobs 1517 Min: 6.30 Max: 7.60 Mean: 7.04 Sd: 0.14 NMiss: 0)



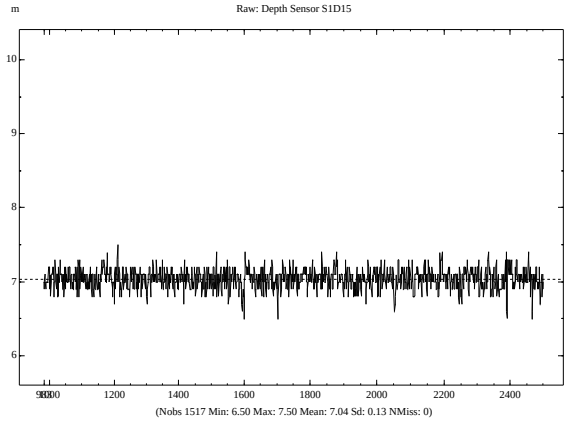
(Nobs 1517 Min: 6.60 Max: 7.40 Mean: 7.04 Sd: 0.13 NMiss: 0)



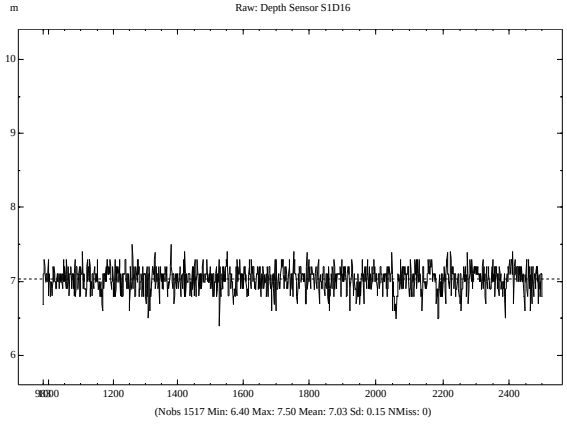
(Nobs 1517 Min: 6.50 Max: 7.50 Mean: 7.04 Sd: 0.13 NMiss: 0)



(Nobs 1517 Min: 6.60 Max: 7.40 Mean: 7.04 Sd: 0.13 NMiss: 0)



(Nobs 1517 Min: 6.50 Max: 7.50 Mean: 7.04 Sd: 0.13 NMiss: 0)



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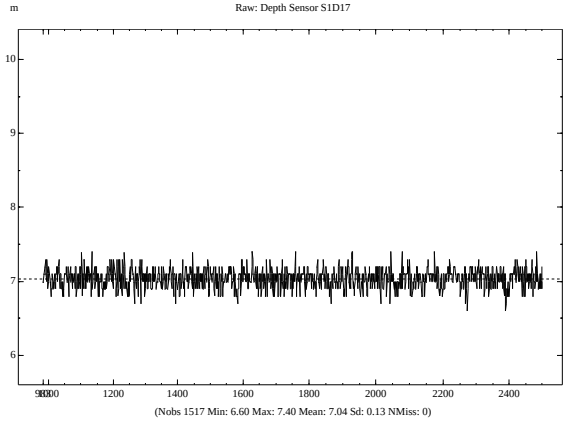
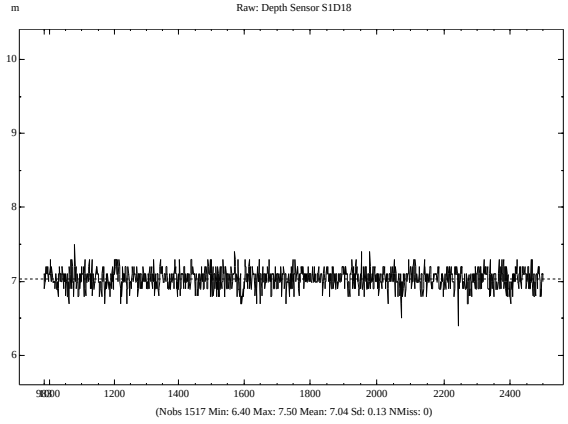


(Nobs 1517 Min: 6.60 Max: 7.40 Mean: 7.04 Sd: 0.13 NMiss: 0)



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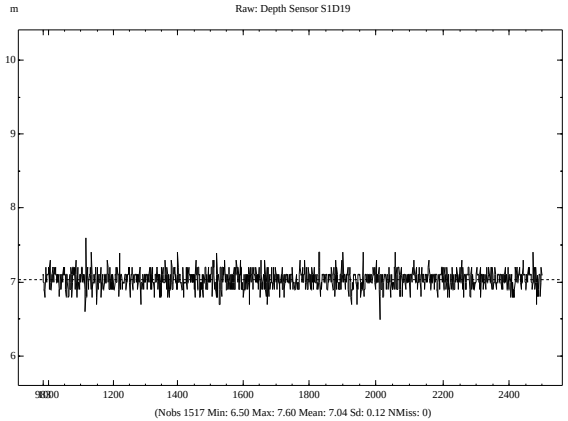
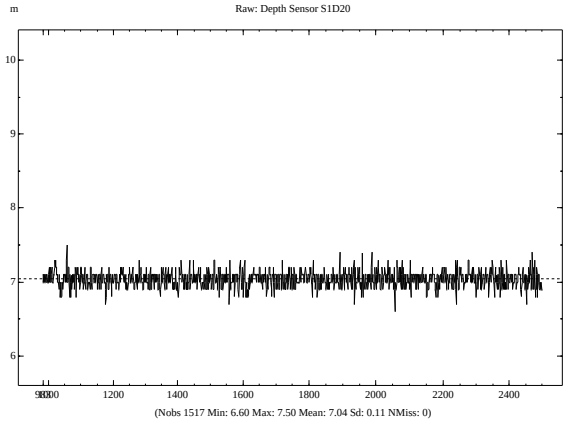
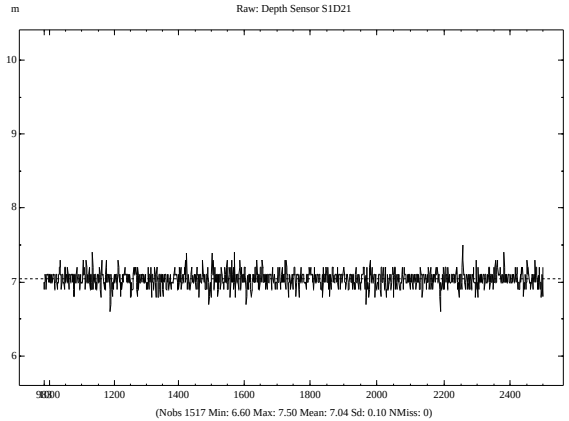


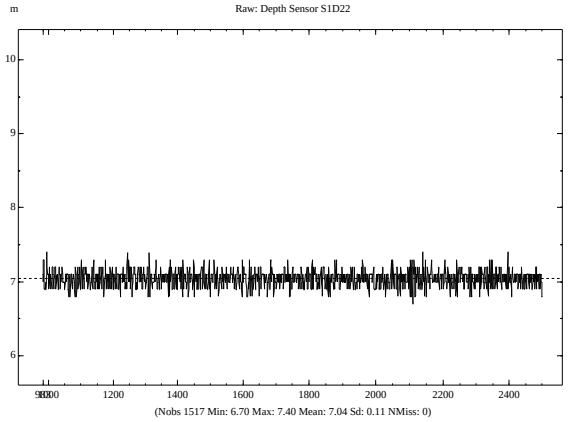
(Nobs 1517 Min: 6.50 Max: 7.60 Mean: 7.04 Sd: 0.12 NMiss: 0)



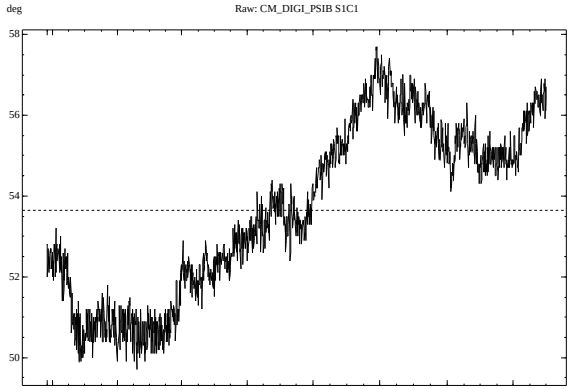
(Nobs 1517 Min: 6.60 Max: 7.50 Mean: 7.04 Sd: 0.11 NMiss: 0)



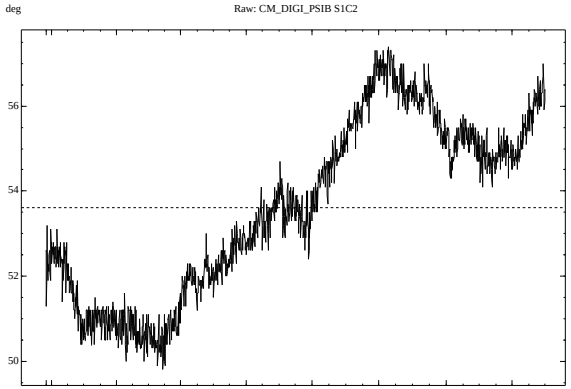
(Nobs 1517 Min: 6.60 Max: 7.50 Mean: 7.04 Sd: 0.10 NMiss: 0)



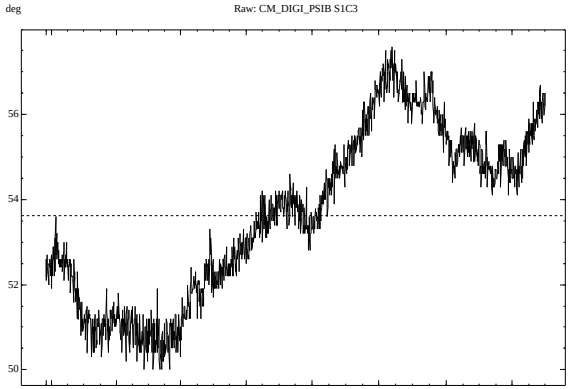
(Nobs 1517 Min: 6.70 Max: 7.40 Mean: 7.04 Sd: 0.11 NMiss: 0)



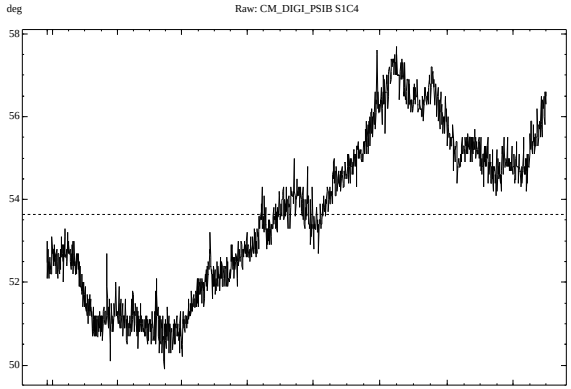
(Nobs 1517 Min: 49.70 Max: 57.70 Mean: 53.65 Sd: 2.11 NRej: 0,0,0 NMiss: 0)



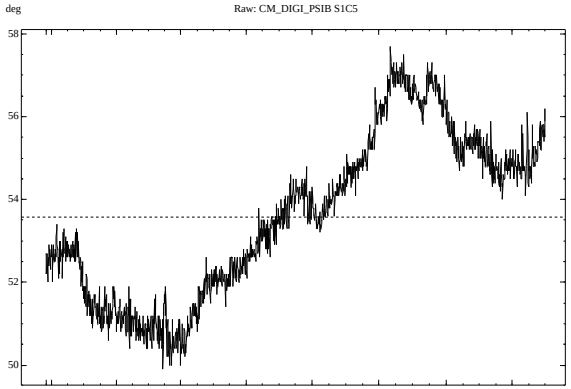
(Nobs 1517 Min: 49.80 Max: 57.40 Mean: 53.60 Sd: 2.06 NRej: 0,0,0 NMiss: 0)



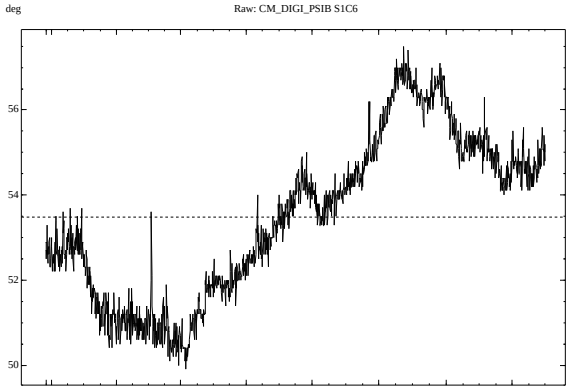
(Nobs 1517 Min: 50.00 Max: 57.60 Mean: 53.63 Sd: 1.98 NRej: 0,0,0 NMiss: 0)



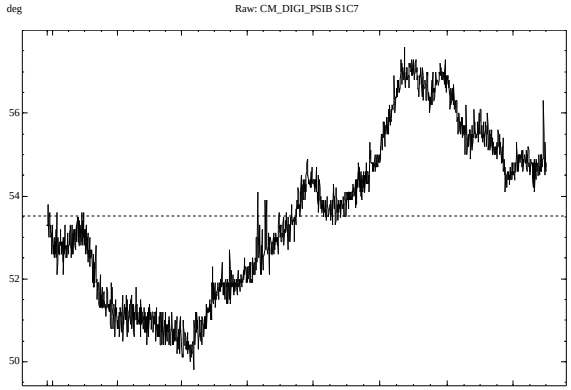
(Nobs 1517 Min: 49.90 Max: 57.70 Mean: 53.64 Sd: 1.95 NRej: 0,0,0 NMiss: 0)



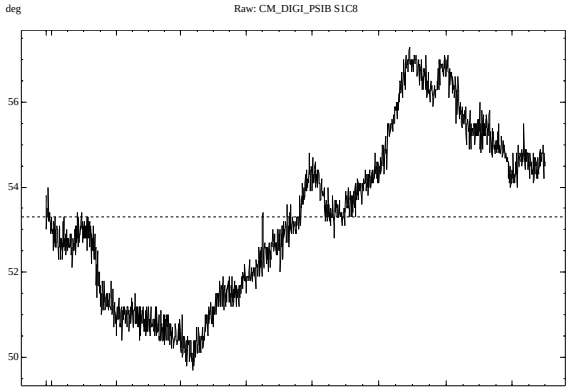
(Nobs 1517 Min: 49.90 Max: 57.70 Mean: 53.59 Sd: 1.95 NRej: 0,0,0 NMiss: 0)



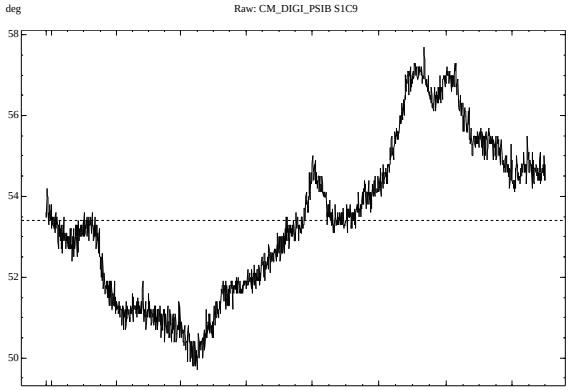
(Nobs 1517 Min: 49.90 Max: 57.50 Mean: 53.47 Sd: 1.89 NRej: 0,0,0 NMiss: 0)



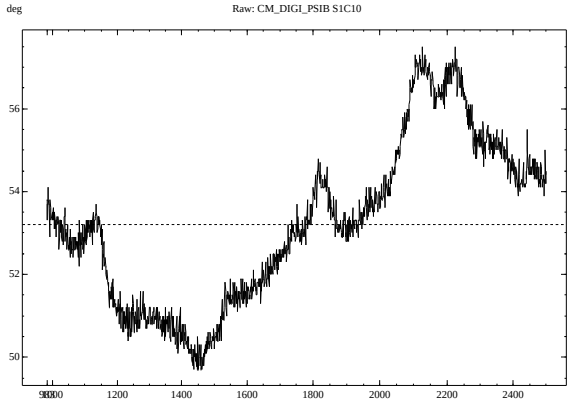
(Nobs 1517 Min: 49.80 Max: 57.60 Mean: 53.51 Sd: 1.97 NRej: 0,0,0 NMiss: 0)



(Nobs 1517 Min: 49.70 Max: 57.30 Mean: 53.30 Sd: 1.97 NRej: 0,0,0 NMiss: 0)



(Nobs 1517 Min: 49.70 Max: 57.70 Mean: 53.41 Sd: 1.94 NRej: 0,0,0 NMiss: 0)


deg
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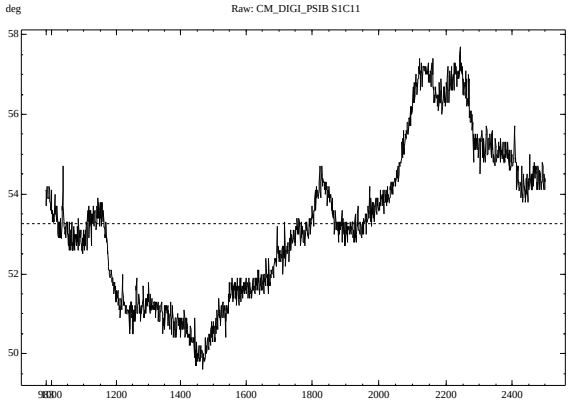
(Nobs 1517 Min: 49.70 Max: 57.50 Mean: 53.21 Sd: 1.97 NRej: 0,0,0 NMiss: 0)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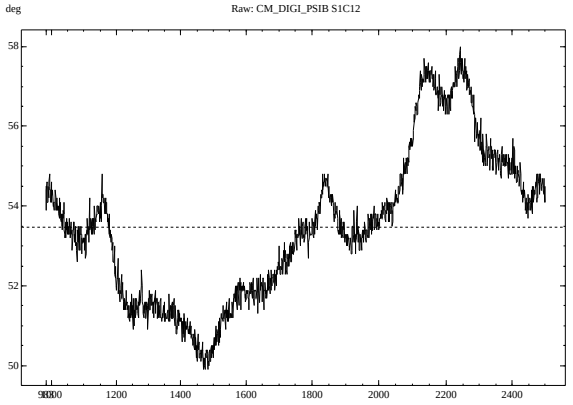
(Nobs 1517 Min: 49.60 Max: 57.70 Mean: 53.27 Sd: 1.92 NRej: 0,0,0 NMiss: 0)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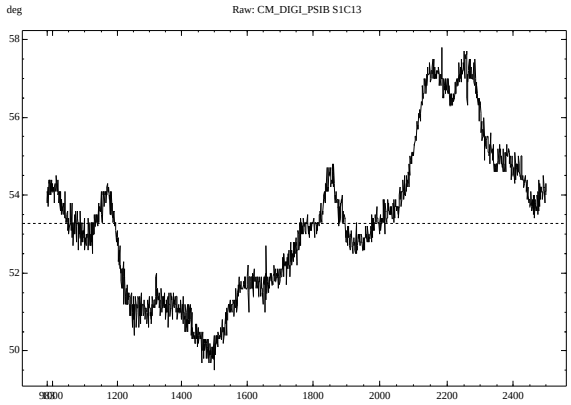
(Nobs 1517 Min: 49.90 Max: 58.00 Mean: 53.48 Sd: 1.89 NRej: 0,0,0 NMiss: 0)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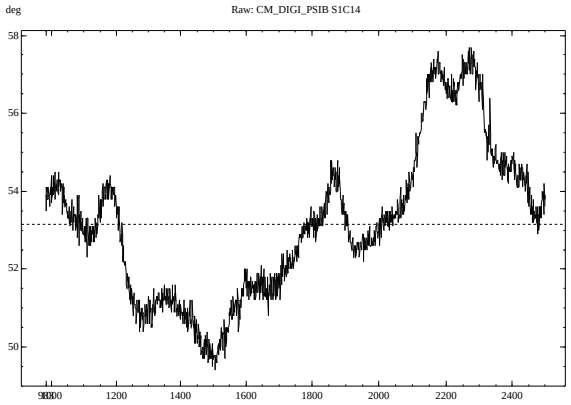
(Nobs 1517 Min: 49.50 Max: 57.80 Mean: 53.26 Sd: 1.92 NRej: 0,0,0 NMiss: 0)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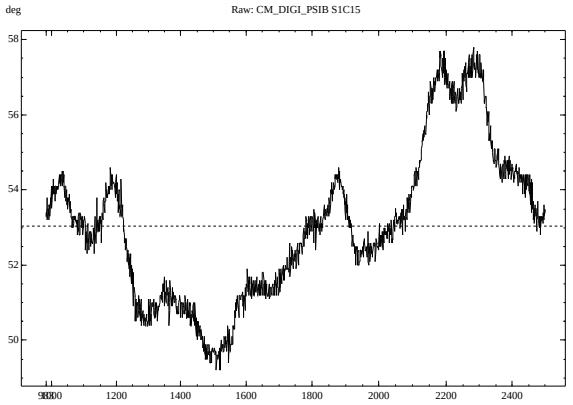
(Nobs 1517 Min: 49.40 Max: 57.70 Mean: 53.15 Sd: 1.95 NRej: 0,0,0 NMiss: 0)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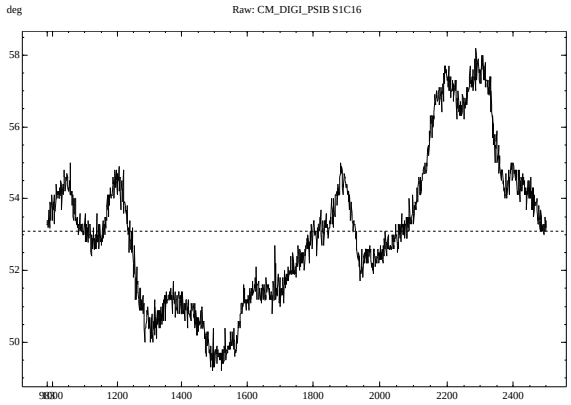
(Nobs 1517 Min: 49.20 Max: 57.80 Mean: 53.04 Sd: 2.00 NRej: 0,0,0 NMiss: 0)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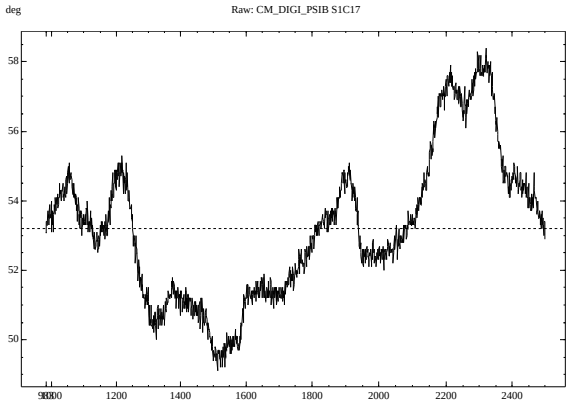
(Nobs 1517 Min: 49.20 Max: 58.20 Mean: 53.10 Sd: 2.06 NRej: 0,0,0 NMiss: 0)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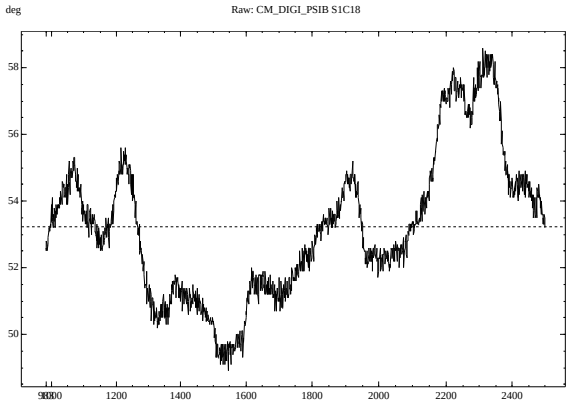
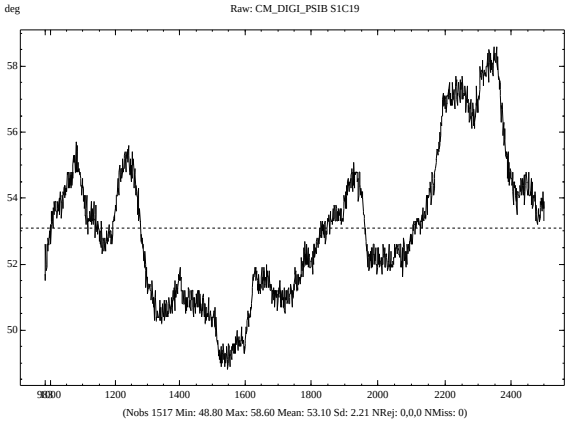
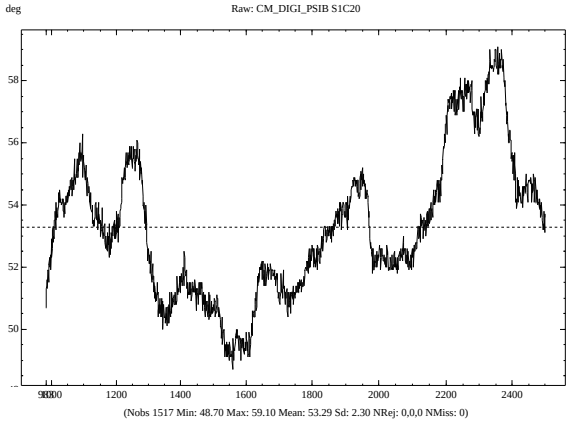
Raw: CM_DIGI_PSIB S1C17
(Nobs 1517 Min: 49.10 Max: 58.40 Mean: 53.20 Sd: 2.10 NRej: 0,0,0 NMiss: 0)

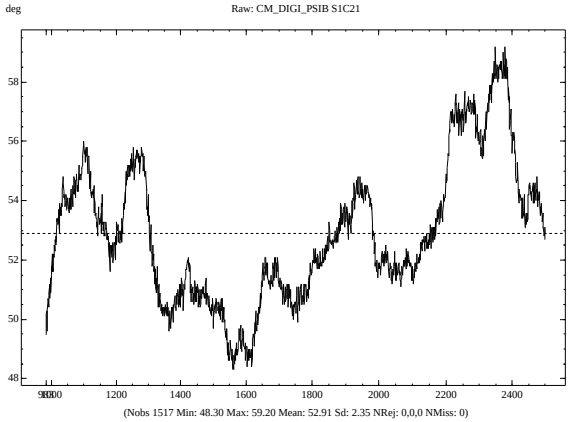

deg
Raw: CM_DIGI_PSIB S1C18
(Nobs 1517 Min: 48.90 Max: 58.60 Mean: 53.22 Sd: 2.17 NRej: 0,0,0 NMiss: 0)



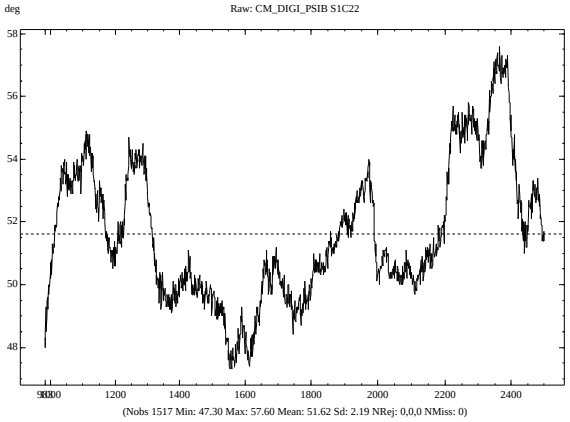
(Nobs 1517 Min: 48.80 Max: 58.60 Mean: 53.10 Sd: 2.21 NRej: 0,0,0 NMiss: 0)



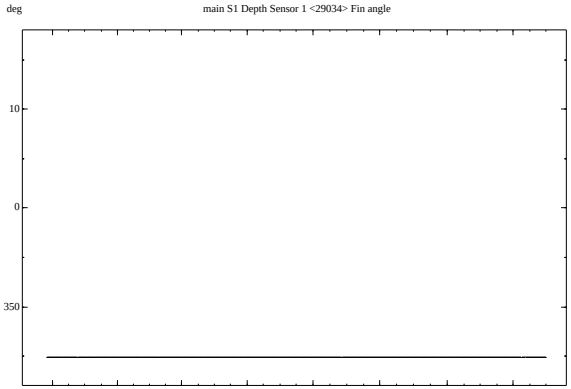
(Nobs 1517 Min: 48.70 Max: 59.10 Mean: 53.29 Sd: 2.30 NRej: 0,0,0 NMiss: 0)



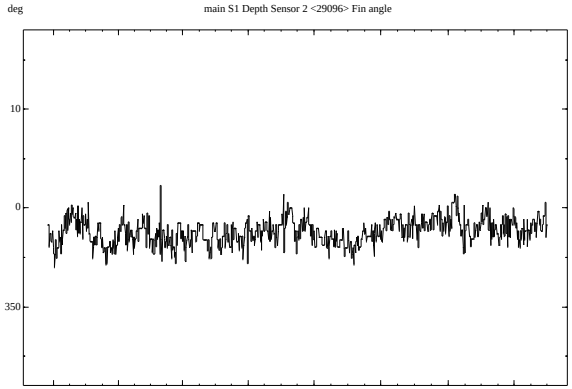
(Nobs 1517 Min: 48.30 Max: 59.20 Mean: 52.91 Sd: 2.35 NRej: 0,0,0 NMiss: 0)



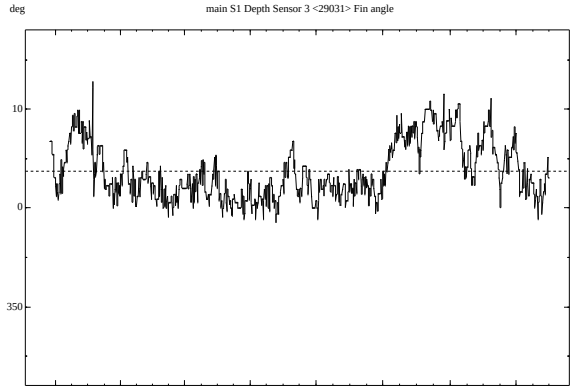
(Nobs 1517 Min: 47.30 Max: 57.60 Mean: 51.62 Sd: 2.19 NRej: 0,0,0 NMiss: 0)



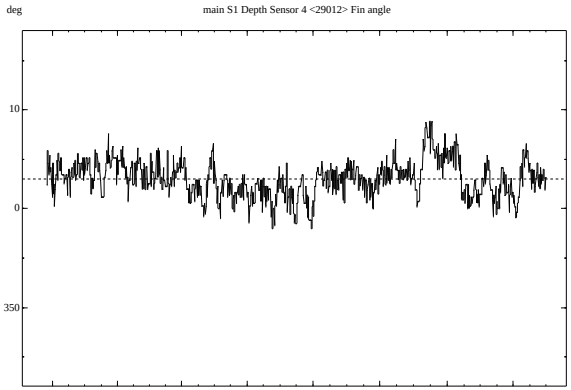
(Nobs 1521 Min: -15.10 Max: -15.10 Mean: -15.10 Sd: 0.00 NRej: 0,0,0 NMiss: 6)



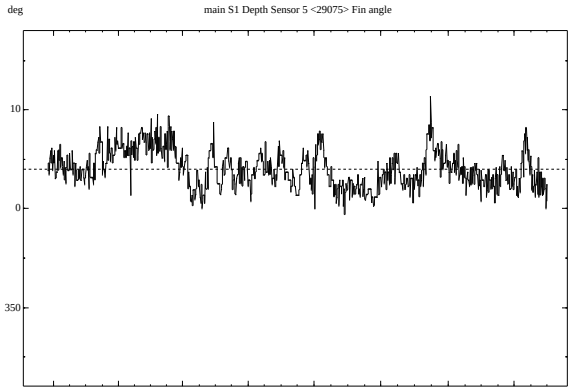
(Nobs 1521 Min: -6.00 Max: 2.30 Mean: -2.37 Sd: 1.28 NRej: 0,0,0 NMiss: 6)



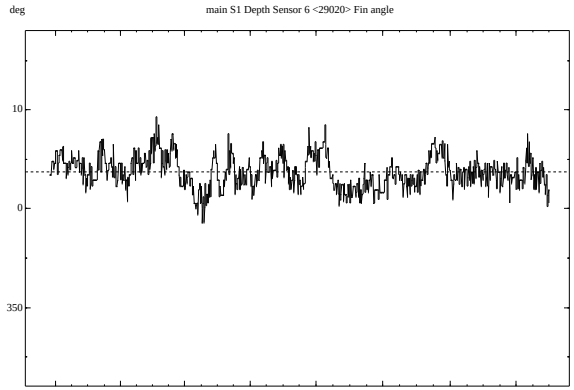
(Nobs 1521 Min: -1.50 Max: 12.80 Mean: 3.71 Sd: 2.86 NRej: 0,0,0 NMiss: 6)



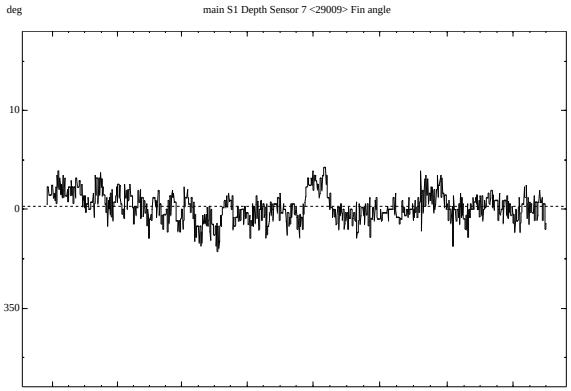
(Nobs 1521 Min: -2.00 Max: 8.90 Mean: 3.02 Sd: 1.83 NRej: 0,0,0 NMiss: 6)



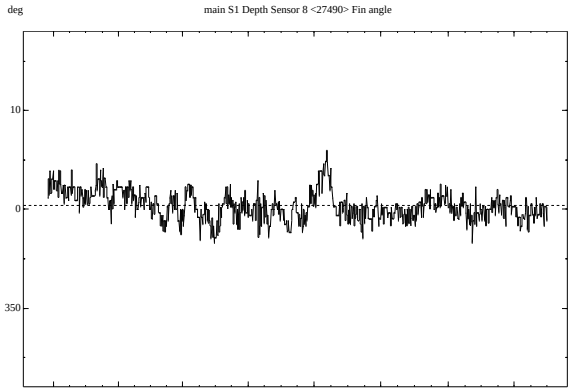
(Nobs 1521 Min: -0.60 Max: 11.40 Mean: 4.04 Sd: 1.90 NRej: 0,0,0 NMiss: 6)



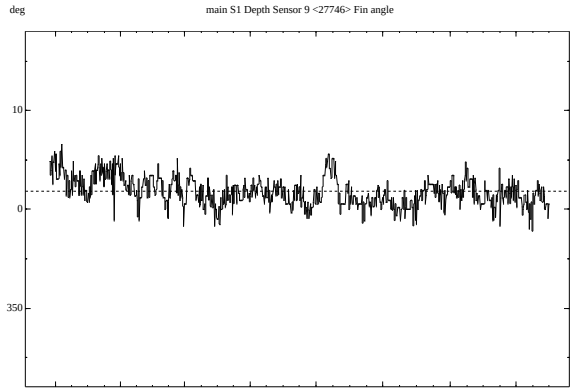
(Nobs 1521 Min: -1.50 Max: 9.30 Mean: 3.74 Sd: 1.61 NRej: 0,0,0 NMiss: 6)



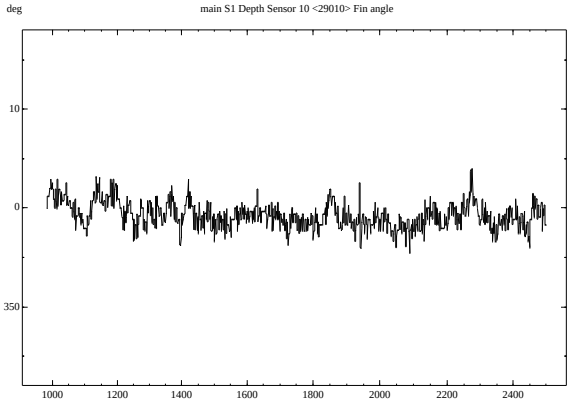
(Nobs 1521 Min: -4.30 Max: 4.30 Mean: 0.28 Sd: 1.44 NRej: 0,0,0 NMiss: 6)



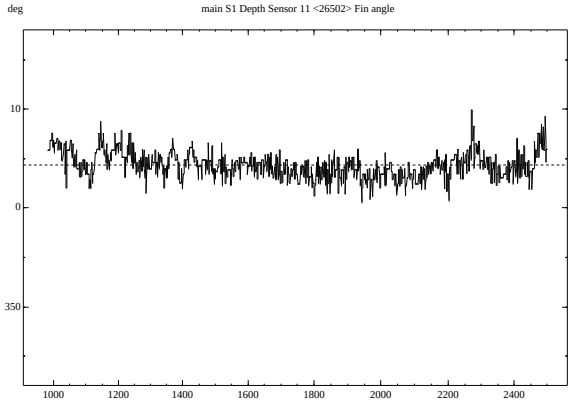
(Nobs 1521 Min: -3.40 Max: 6.00 Mean: 0.39 Sd: 1.46 NRej: 0,0,0 NMiss: 6)



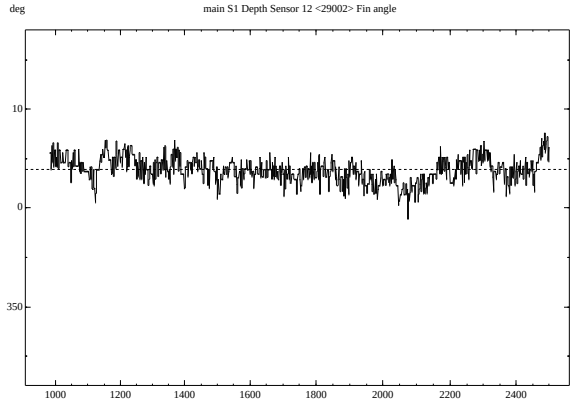
(Nobs 1521 Min: -2.20 Max: 6.60 Mean: 1.81 Sd: 1.46 NRej: 0,0,0 NMiss: 6)



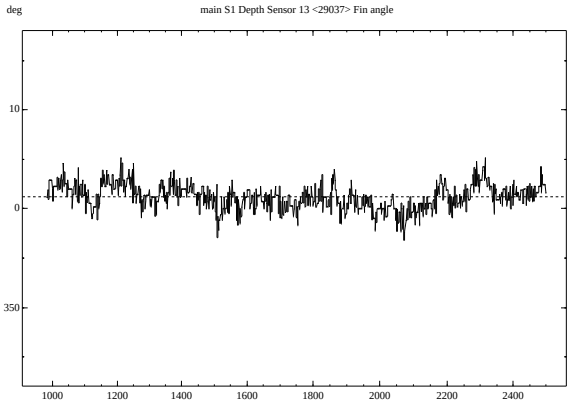
(Nobs 1521 Min: -4.50 Max: 4.00 Mean: -0.72 Sd: 1.34 NRej: 0,0,0 NMiss: 6)



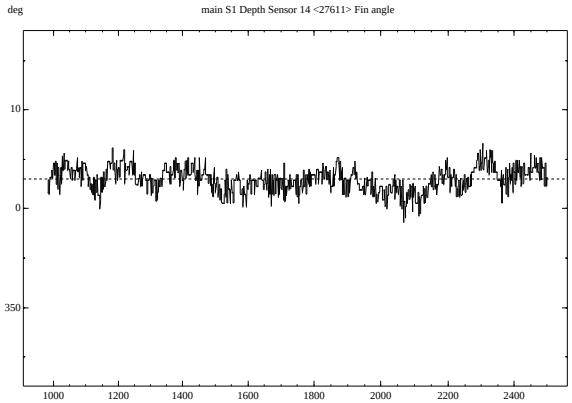
(Nobs 1521 Min: 0.60 Max: 9.90 Mean: 4.36 Sd: 1.35 NRej: 0,0,0 NMiss: 6)



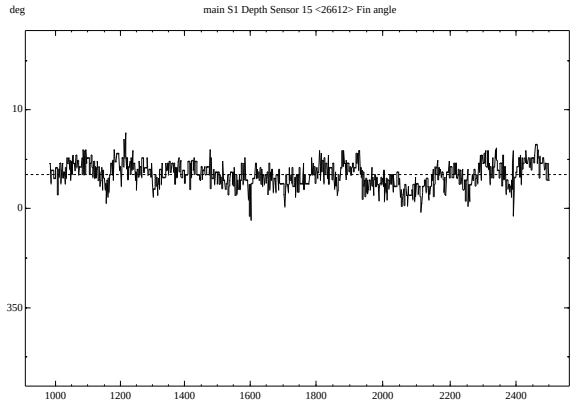
(Nobs 1521 Min: -1.10 Max: 7.60 Mean: 3.88 Sd: 1.28 NRej: 0,0,0 NMiss: 6)



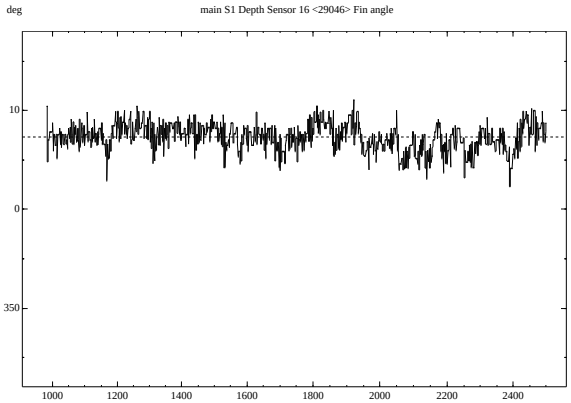
(Nobs 1521 Min: -3.20 Max: 5.20 Mean: 1.21 Sd: 1.29 NRej: 0,0,0 NMiss: 6)



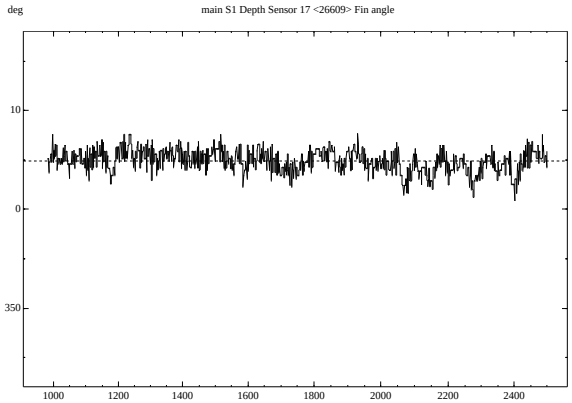
(Nobs 1521 Min: -1.40 Max: 6.60 Mean: 3.01 Sd: 1.24 NRej: 0,0,0 NMiss: 6)



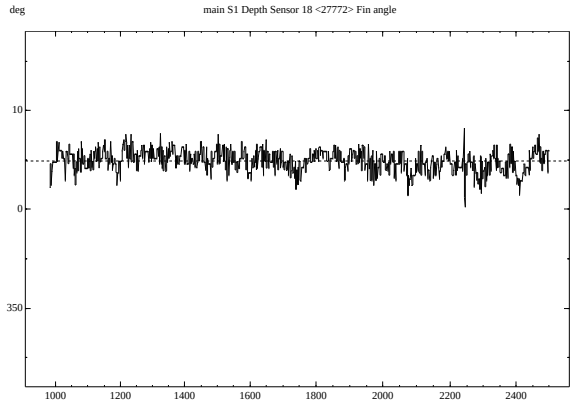
(Nobs 1521 Min: -1.10 Max: 7.70 Mean: 3.50 Sd: 1.22 NRej: 0,0,0 NMiss: 6)



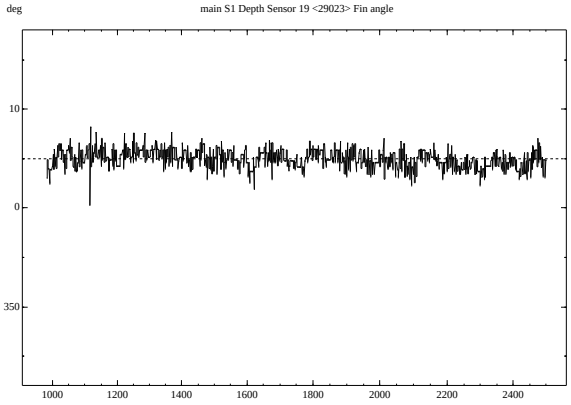
(Nobs 1521 Min: 2.30 Max: 11.10 Mean: 7.34 Sd: 1.39 NRej: 0,0,0 NMiss: 6)



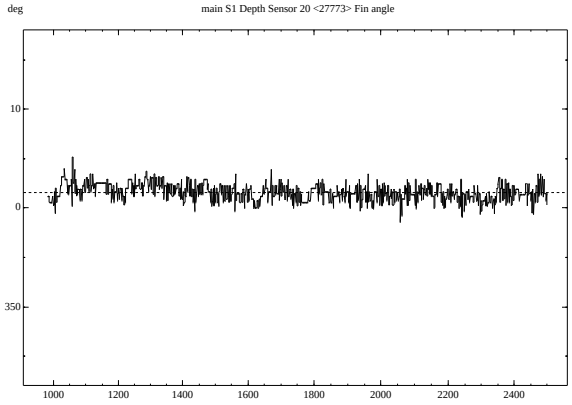
(Nobs 1521 Min: 0.90 Max: 7.70 Mean: 4.93 Sd: 1.14 NRej: 0,0,0 NMiss: 6)



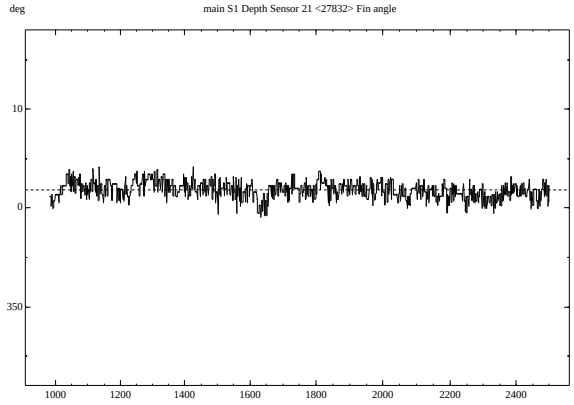
(Nobs 1521 Min: 0.20 Max: 8.20 Mean: 4.94 Sd: 1.08 NRej: 0,0,0 NMiss: 6)



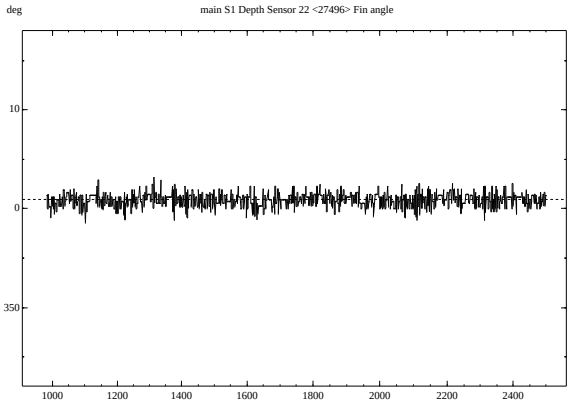
(Nobs 1521 Min: 0.30 Max: 8.20 Mean: 4.99 Sd: 0.98 NRej: 0,0,0 NMiss: 6)



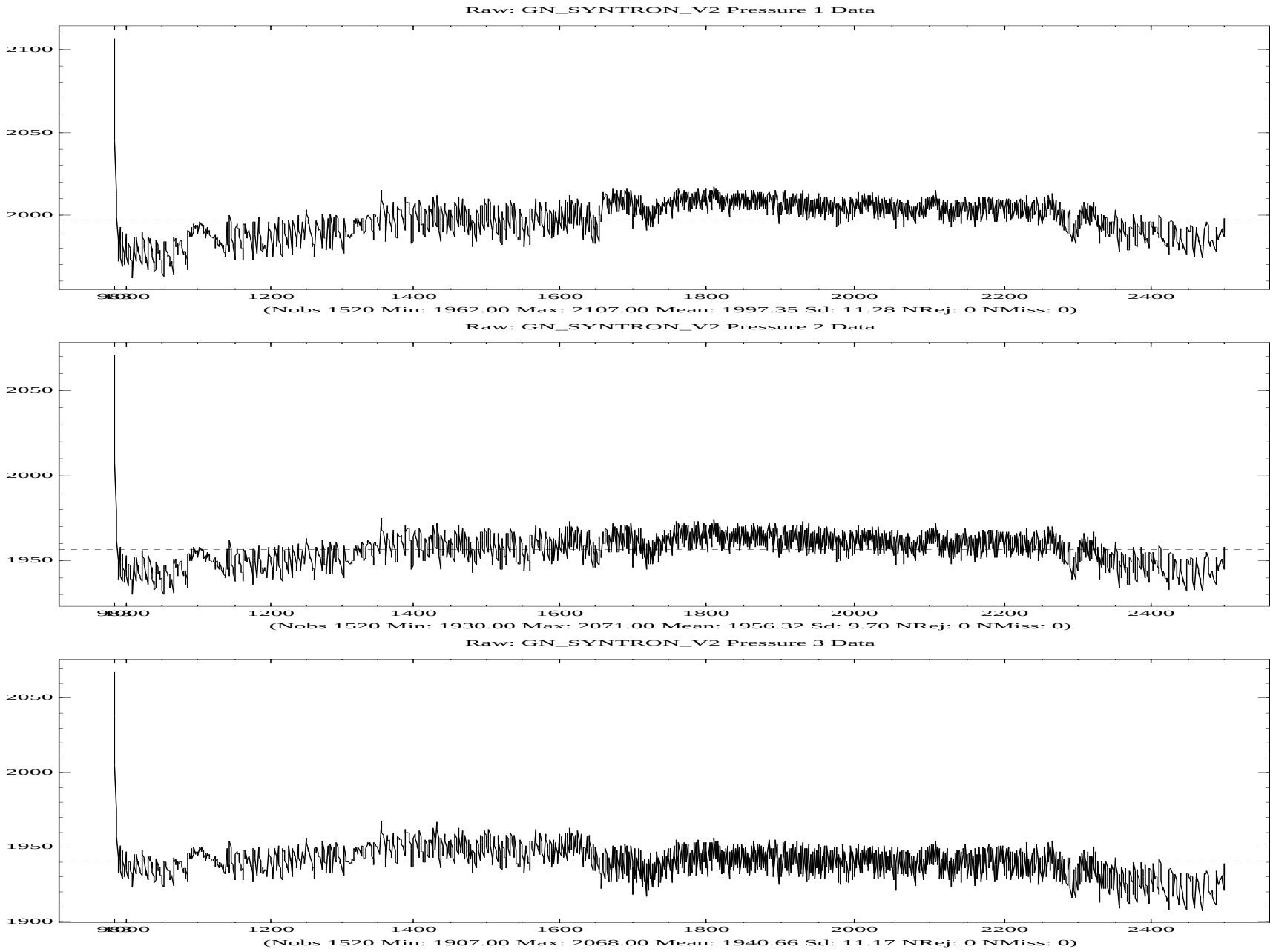
(Nobs 1521 Min: -1.40 Max: 5.20 Mean: 1.61 Sd: 0.88 NRej: 0,0,0 NMiss: 6)



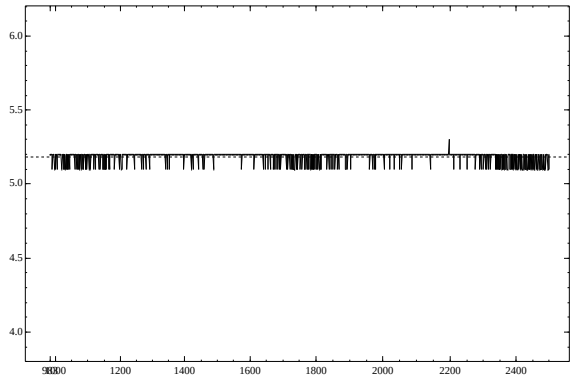
(Nobs 1521 Min: -0.90 Max: 4.20 Mean: 1.86 Sd: 0.89 NRej: 0,0,0 NMiss: 6)



(Nobs 1521 Min: -1.40 Max: 3.20 Mean: 0.90 Sd: 0.73 NRej: 0,0,0 NMiss: 6)

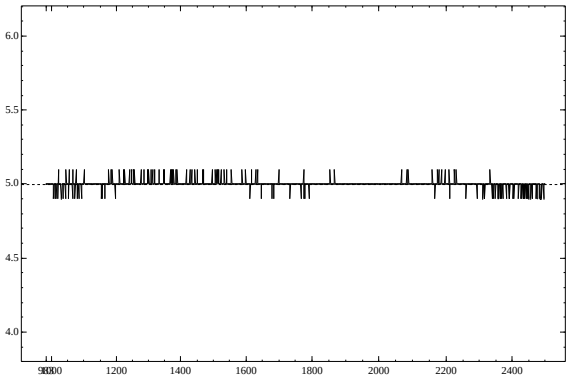

Raw: GN_SYNTRON_V2 Pressure 1 Data
2100
2050
2000
1200
1400
1600
1800
2000
2200
2400
(Nobs 1520 Min: 1962.00 Max: 2107.00 Mean: 1997.35 Sd: 11.28 NRej: 0 NMiss: 0)
Raw: GN_SYNTRON_V2 Pressure 2 Data
2050
2000
1950
1200
1400
1600
1800
2000
2200
2400
(Nobs 1520 Min: 1930.00 Max: 2071.00 Mean: 1956.32 Sd: 9.70 NRej: 0 NMiss: 0)
Raw: GN_SYNTRON_V2 Pressure 3 Data
2050
2000
1950
1900
1200
1400
1600
1800
2000
2200
2400
(Nobs 1520 Min: 1907.00 Max: 2068.00 Mean: 1940.66 Sd: 11.17 NRej: 0 NMiss: 0)

Raw: GN_SYNTRON_V2 Depth 1 Data



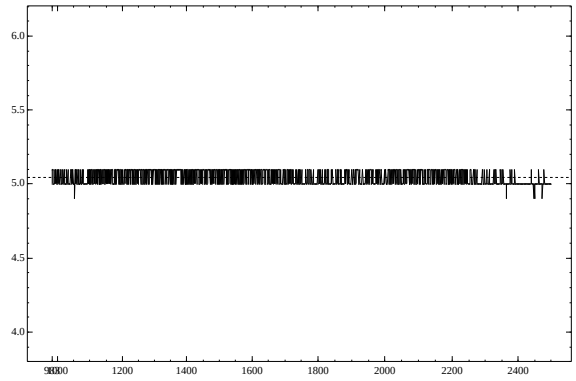
(Nobs 1520 Min: 5.100 Max: 5.300 Mean: 5.184 Sd: 0.037 NRej: 0 NMiss: 0)

Raw: GN_SYNTRON_V2 Depth 5 Data



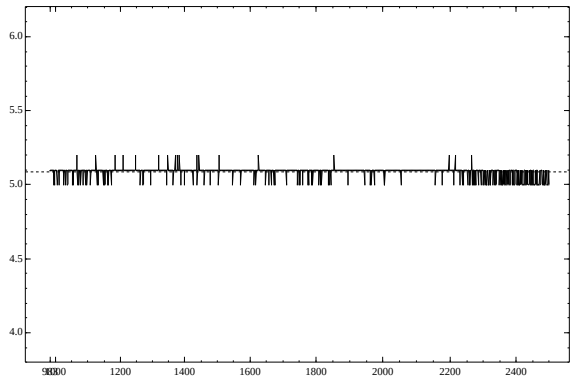
(Nobs 1520 Min: 4.900 Max: 5.100 Mean: 5.000 Sd: 0.031 NRej: 0 NMiss: 0)

Raw: GN_SYNTRON_V2 Depth 7 Data



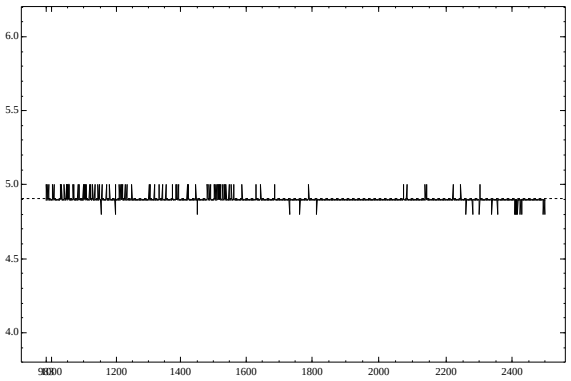
(Nobs 1520 Min: 4.900 Max: 5.100 Mean: 5.043 Sd: 0.050 NRej: 0 NMiss: 0)

Raw: GN_SYNTRON_V2 Depth 9 Data



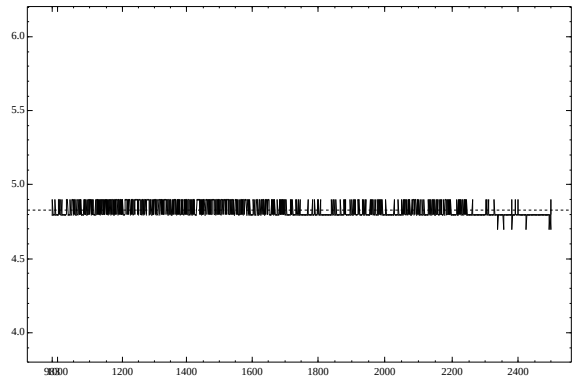
(Nobs 1520 Min: 5.000 Max: 5.200 Mean: 5.089 Sd: 0.035 NRej: 0 NMiss: 0)

Raw: GN_SYNTRON_V2 Depth 13 Data



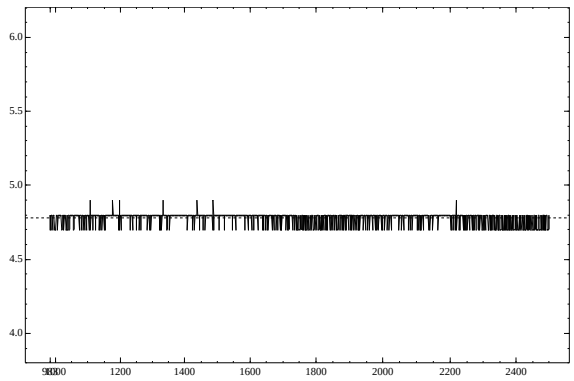
(Nobs 1520 Min: 4.800 Max: 5.000 Mean: 4.904 Sd: 0.025 NRej: 0 NMiss: 0)

Raw: GN_SYNTRON_V2 Depth 15 Data



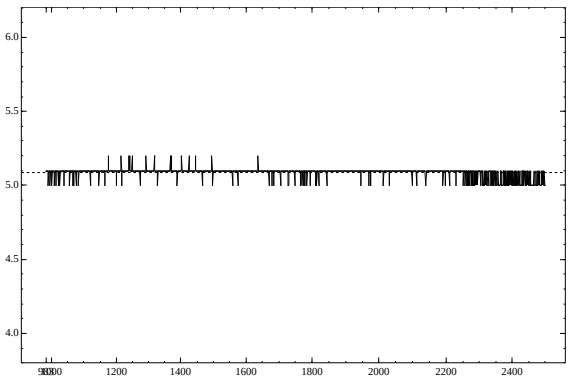
(Nobs 1520 Min: 4.700 Max: 4.900 Mean: 4.830 Sd: 0.047 NRej: 0 NMiss: 0)

Raw: GN_SYNTRON_V2 Depth 17 Data



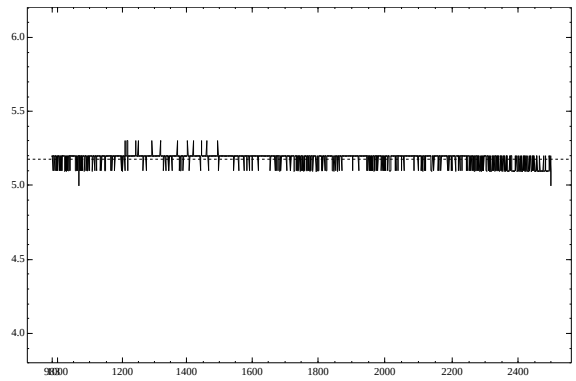
(Nobs 1520 Min: 4.700 Max: 4.900 Mean: 4.778 Sd: 0.042 NRej: 0 NMiss: 0)

Raw: GN_SYNTRON_V2 Depth 21 Data



(Nobs 1520 Min: 5.000 Max: 5.200 Mean: 5.088 Sd: 0.036 NRej: 0 NMiss: 0)

Raw: GN_SYNTRON_V2 Depth 23 Data



(Nobs 1520 Min: 5.000 Max: 5.300 Mean: 5.178 Sd: 0.044 NRej: 0 NMiss: 0)

Description	Min	Max	Mean	Sd	Nobs/Nrej/Nmiss
Raw: GN_SYNTRON_V2 1 Delta	-0.100	0.100	0.001	0.024	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 2 Delta	-1.200	1.200	0.038	0.406	1520 / 0,0,849,0 / 0
Raw: GN_SYNTRON_V2 3 Delta	-0.400	0.500	0.012	0.106	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 4 Delta	-9.000	4.800	-0.016	0.581	1520 / 0,0,672,0 / 0
Raw: GN_SYNTRON_V2 5 Delta	-0.100	0.200	0.012	0.044	1520 / 0,0,849,0 / 0
Raw: GN_SYNTRON_V2 6 Delta	-0.300	0.400	0.004	0.089	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 7 Delta	-0.200	0.100	-0.001	0.057	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 8 Delta	-0.200	0.200	0.004	0.060	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 9 Delta	-0.300	0.400	0.006	0.153	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 10 Delta	0.000	0.000	0.000	0.000	1520 / 0,0,1520,0 / 0
Raw: GN_SYNTRON_V2 11 Delta	0.000	0.000	0.000	0.000	1520 / 0,0,1520,0 / 0
Raw: GN_SYNTRON_V2 12 Delta	-0.200	0.100	-0.007	0.039	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 13 Delta	-0.600	0.500	-0.005	0.199	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 14 Delta	-0.100	0.200	-0.002	0.052	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 15 Delta	-0.300	0.300	0.001	0.067	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 16 Delta	-0.200	0.300	0.004	0.073	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 17 Delta	-0.200	0.200	0.004	0.059	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 18 Delta	-0.800	0.300	-0.011	0.134	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 19 Delta	-5.500	5.500	-0.007	0.273	1520 / 0,0,671,0 / 0
Raw: GN_SYNTRON_V2 20 Delta	-0.300	0.200	-0.011	0.080	1520 / 0,0,849,0 / 0
Raw: GN_SYNTRON_V2 21 Delta	-0.200	0.200	-0.005	0.059	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 22 Delta	-0.300	0.300	0.004	0.080	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 23 Delta	-3.200	3.200	0.005	0.168	1520 / 0,0,671,0 / 0
Raw: GN_SYNTRON_V2 24 Delta	-0.100	0.200	0.003	0.055	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 25 Delta	-0.200	0.200	0.000	0.056	1520 / 0,0,0,0 / 0
Raw: GN_SYNTRON_V2 26 Delta	-0.300	0.400	0.021	0.163	1520 / 0,0,0,0 / 0