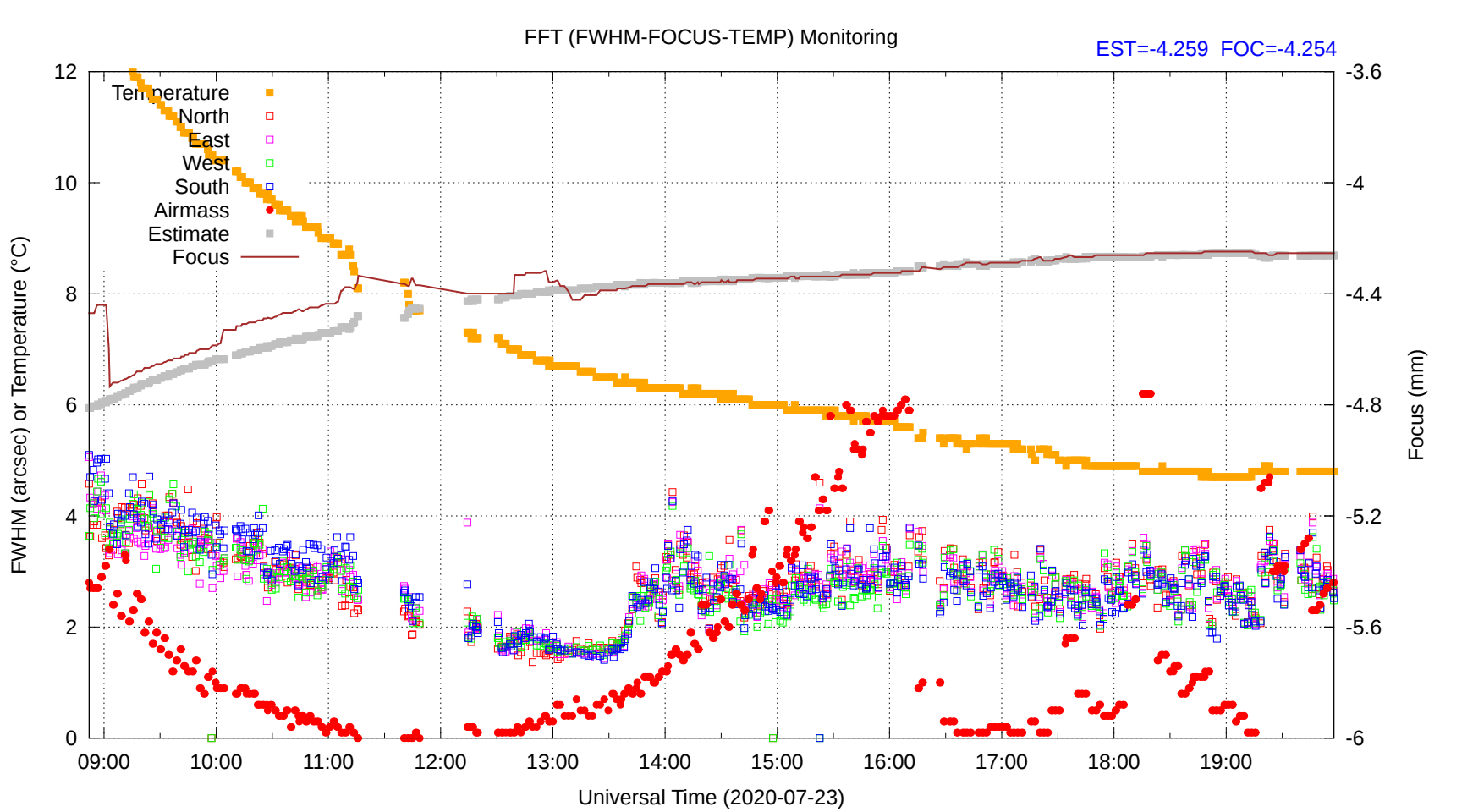
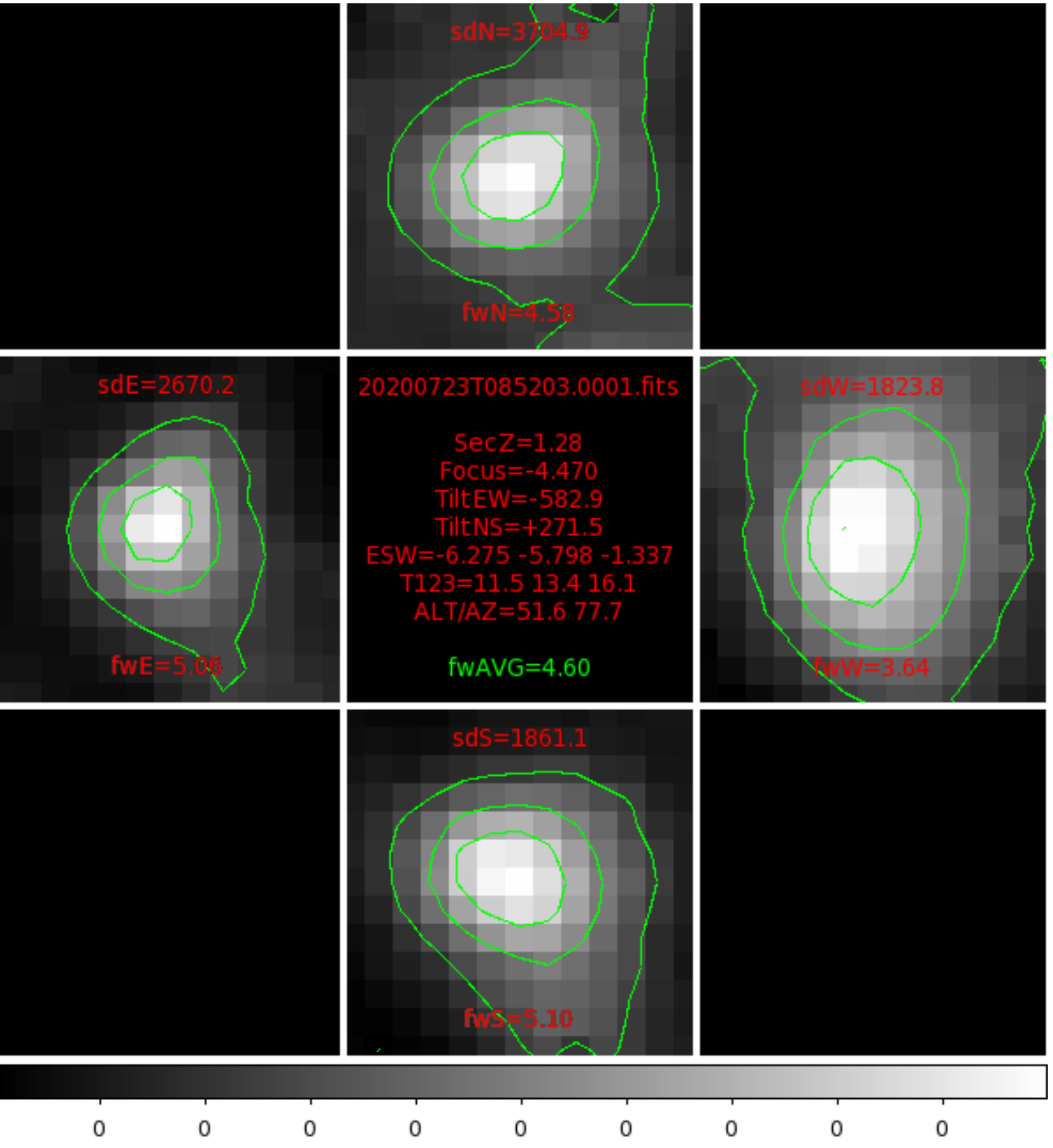

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-4.259 FOC=-4.254
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2020-07-23)
0
2
4
6
8
10
12
-3.6
-4
-4.4
-4.8
-5.2
-5.6
-6
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00


sdN=3704.9
fwN=4.58
sdE=2670.2
fwE=5.06
20200723T085203.0001.fits
SecZ=1.28
Focus=-4.470
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.275 -5.798 -1.337
T123=11.5 13.4 16.1
ALT/AZ=51.6 77.7
fwAVG=4.60
sdW=1823.8
fwW=3.64
sdS=1861.1
fwS=5.10
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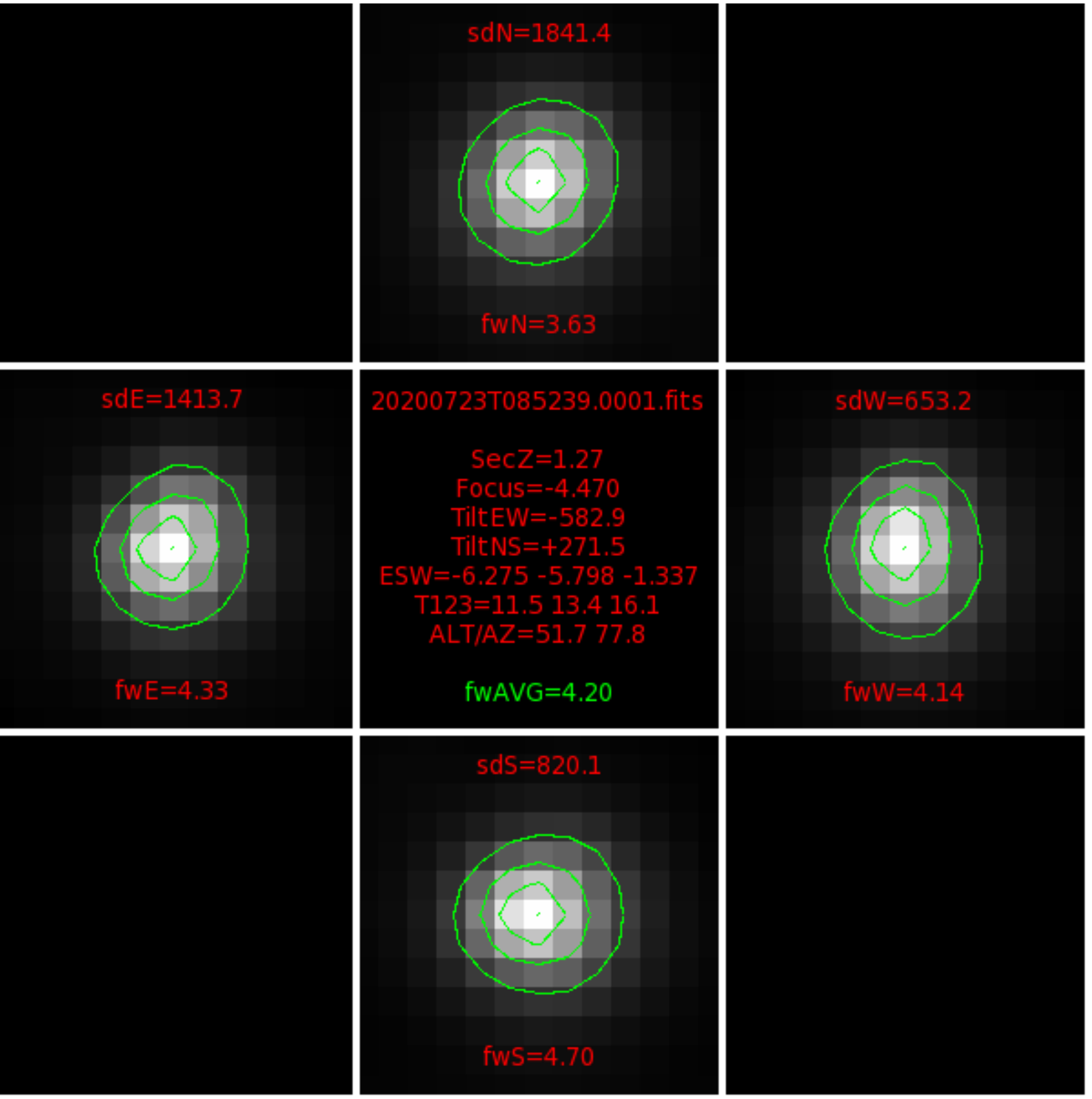
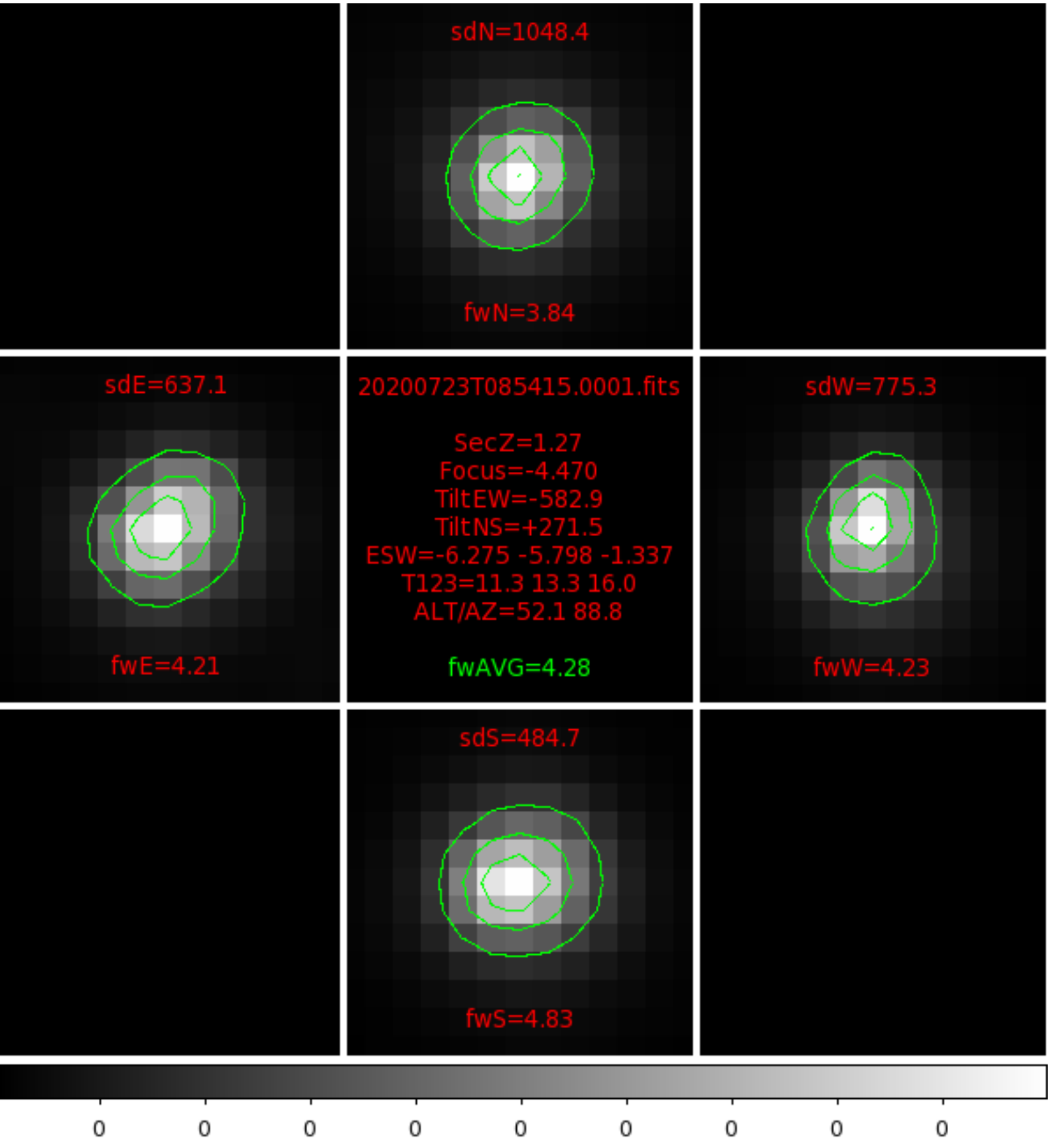

sdN=1841.4
fwN=3.63
sdE=1413.7
fwE=4.33
20200723T085239.0001.fits
SecZ=1.27
Focus=-4.470
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.275 -5.798 -1.337
T123=11.5 13.4 16.1
ALT/AZ=51.7 77.8
fwAVG=4.20
sdW=653.2
fwW=4.14
sdS=820.1
fwS=4.70
0 0 0 0 0 0 0 0 0


sdN=1048.4
fwN=3.84
sdE=637.1
fwE=4.21
20200723T085415.0001.fits
SecZ=1.27
Focus=-4.470
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.275 -5.798 -1.337
T123=11.3 13.3 16.0
ALT/AZ=52.1 88.8
fwAVG=4.28
sdW=775.3
fwW=4.23
sdS=484.7
fwS=4.83
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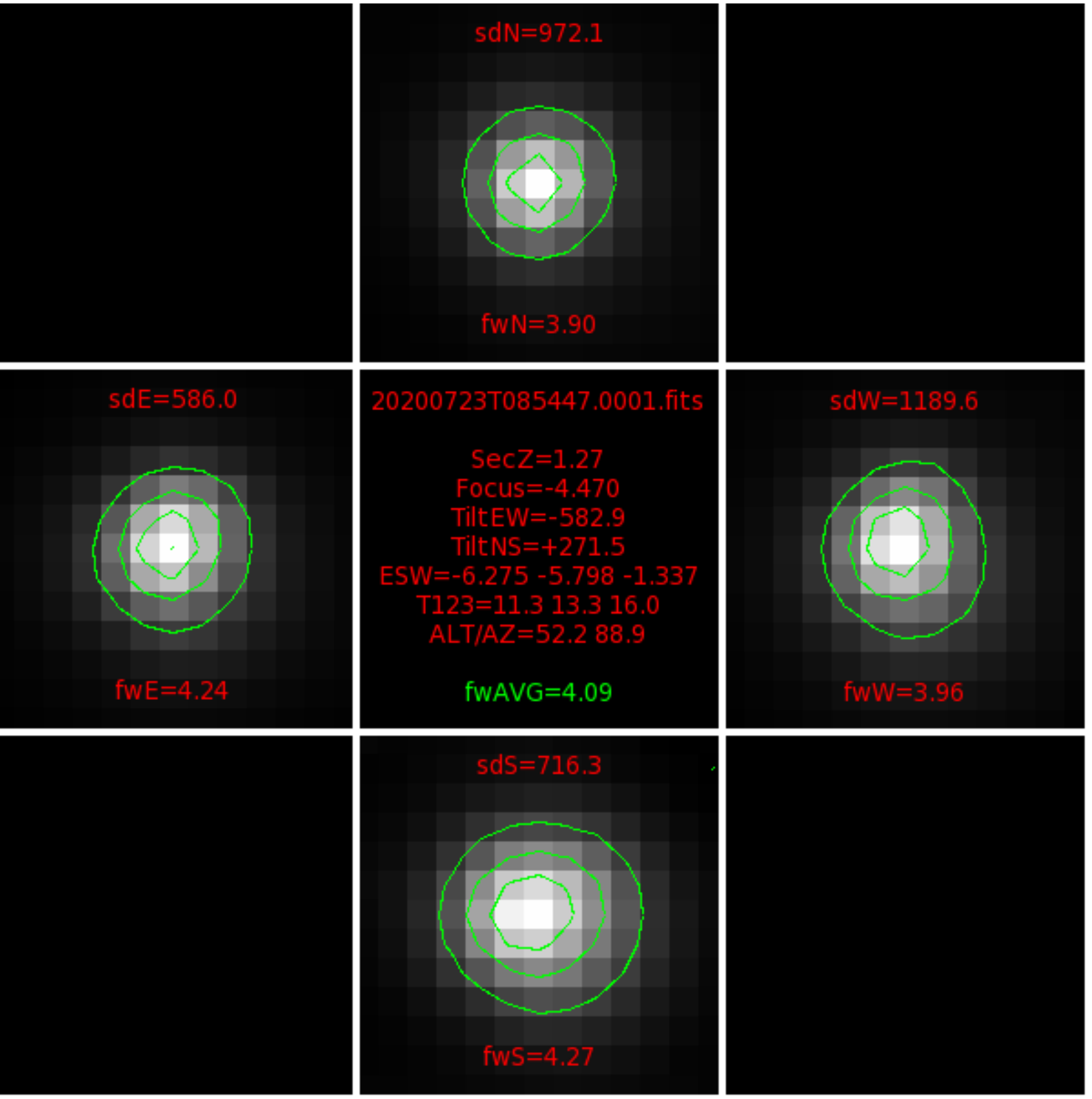
sdN=972.1
fwN=3.90
sdE=586.0
fwE=4.24
20200723T085447.0001.fits
SecZ=1.27
Focus=-4.470
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.275 -5.798 -1.337
T123=11.3 13.3 16.0
ALT/AZ=52.2 88.9
fwAVG=4.09
sdW=1189.6
fwW=3.96
sdS=716.3
fwS=4.27
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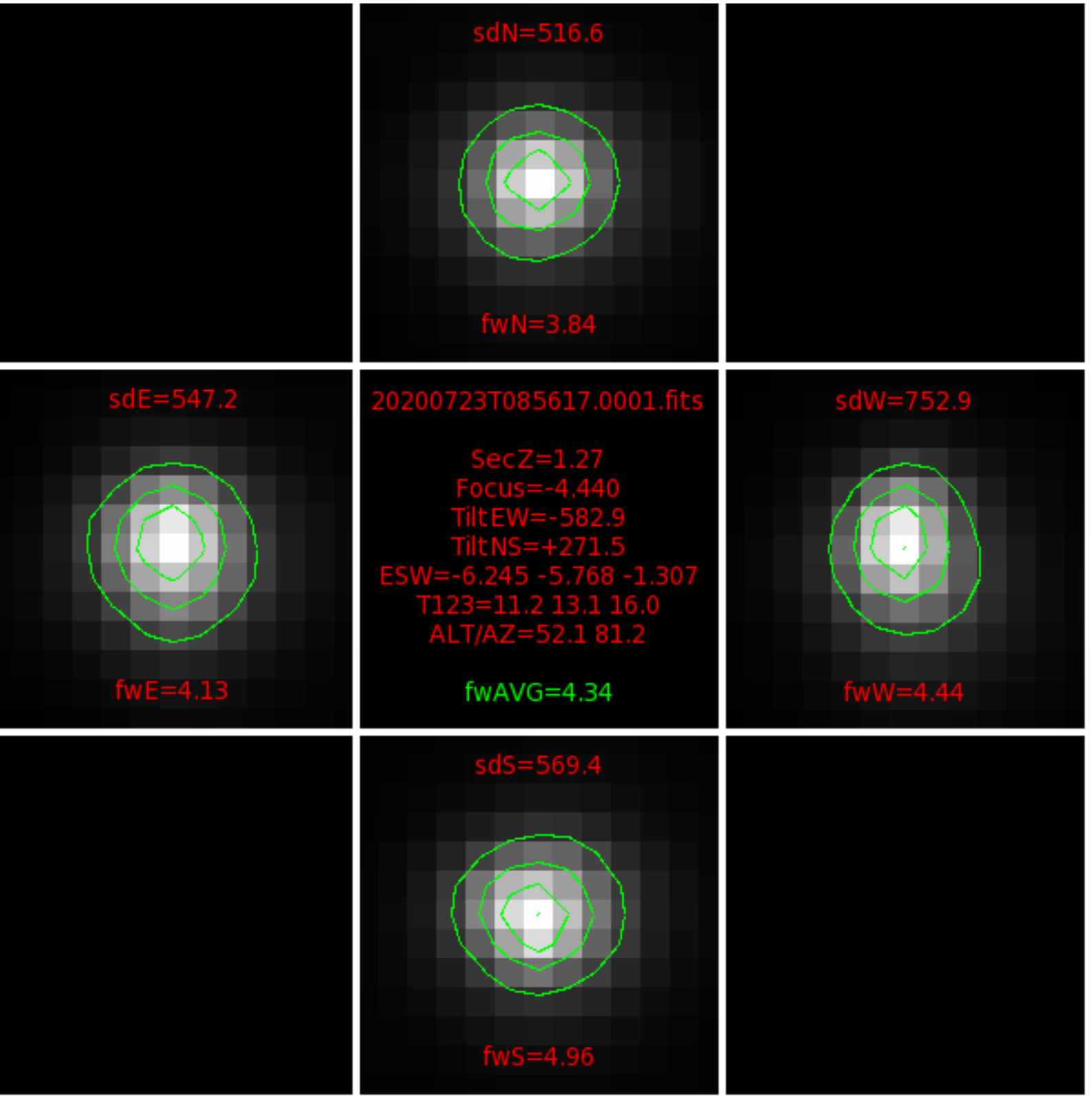
sdN=516.6
fwN=3.84
sdE=547.2
fwE=4.13
20200723T085617.0001.fits
SecZ=1.27
Focus=-4.440
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.245 -5.768 -1.307
T123=11.2 13.1 16.0
ALT/AZ=52.1 81.2
fwAVG=4.34
sdW=752.9
fwW=4.44
sdS=569.4
fwS=4.96
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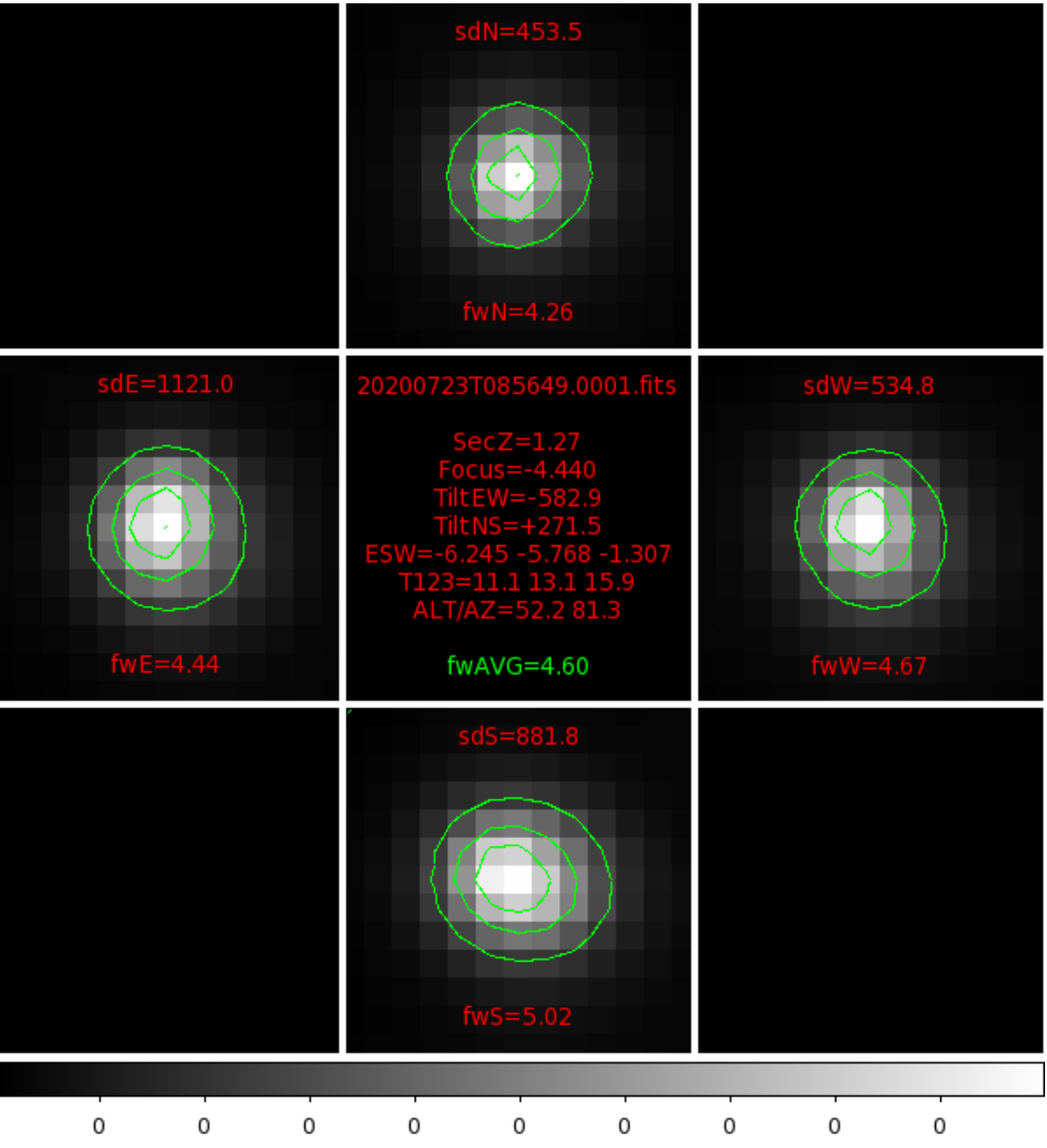
sdN=453.5
fwN=4.26
sdE=1121.0
fwE=4.44
20200723T085649.0001.fits
SecZ=1.27
Focus=-4.440
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.245 -5.768 -1.307
T123=11.1 13.1 15.9
ALT/AZ=52.2 81.3
fwAVG=4.60
sdW=534.8
fwW=4.67
sdS=881.8
fwS=5.02
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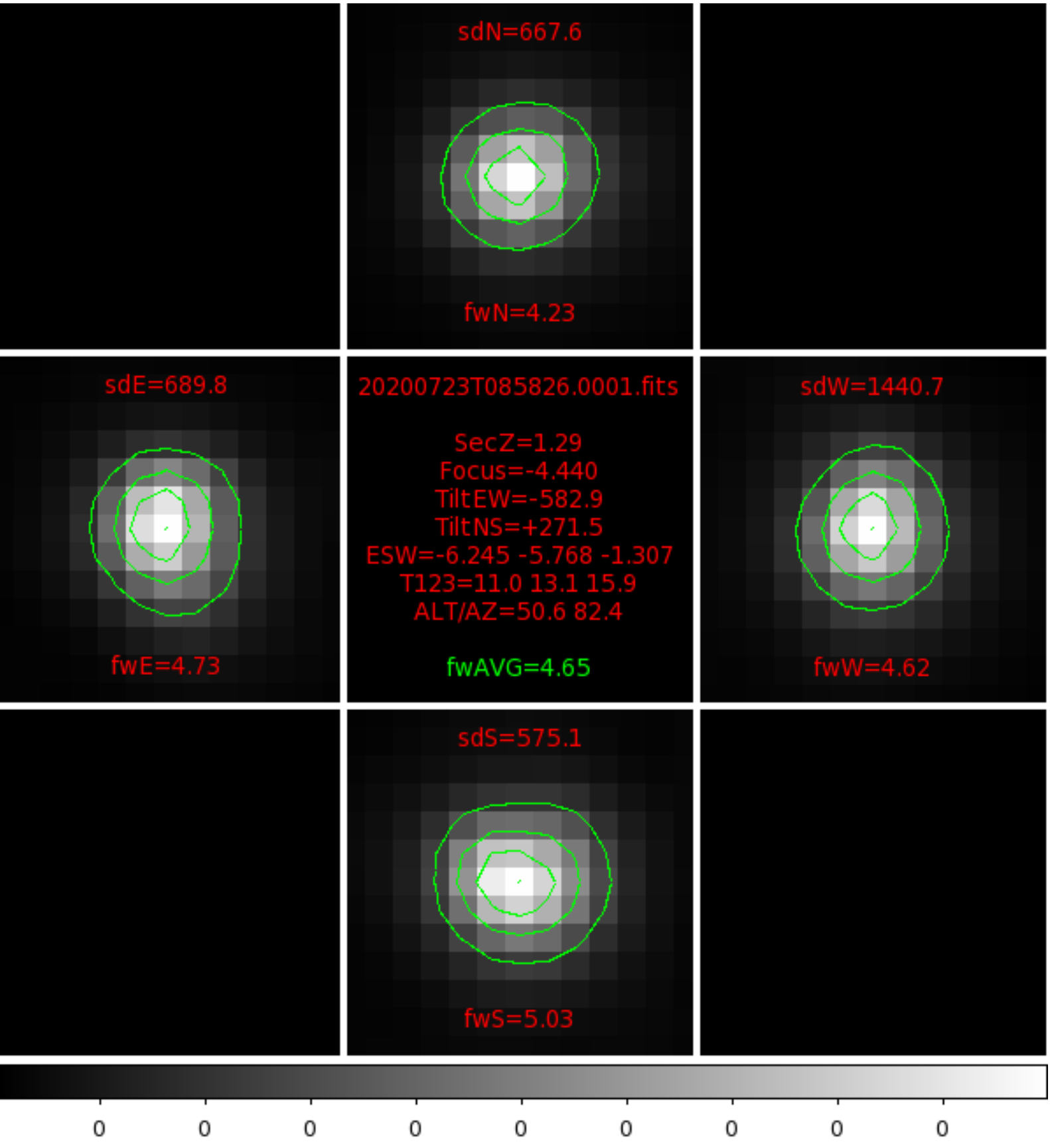
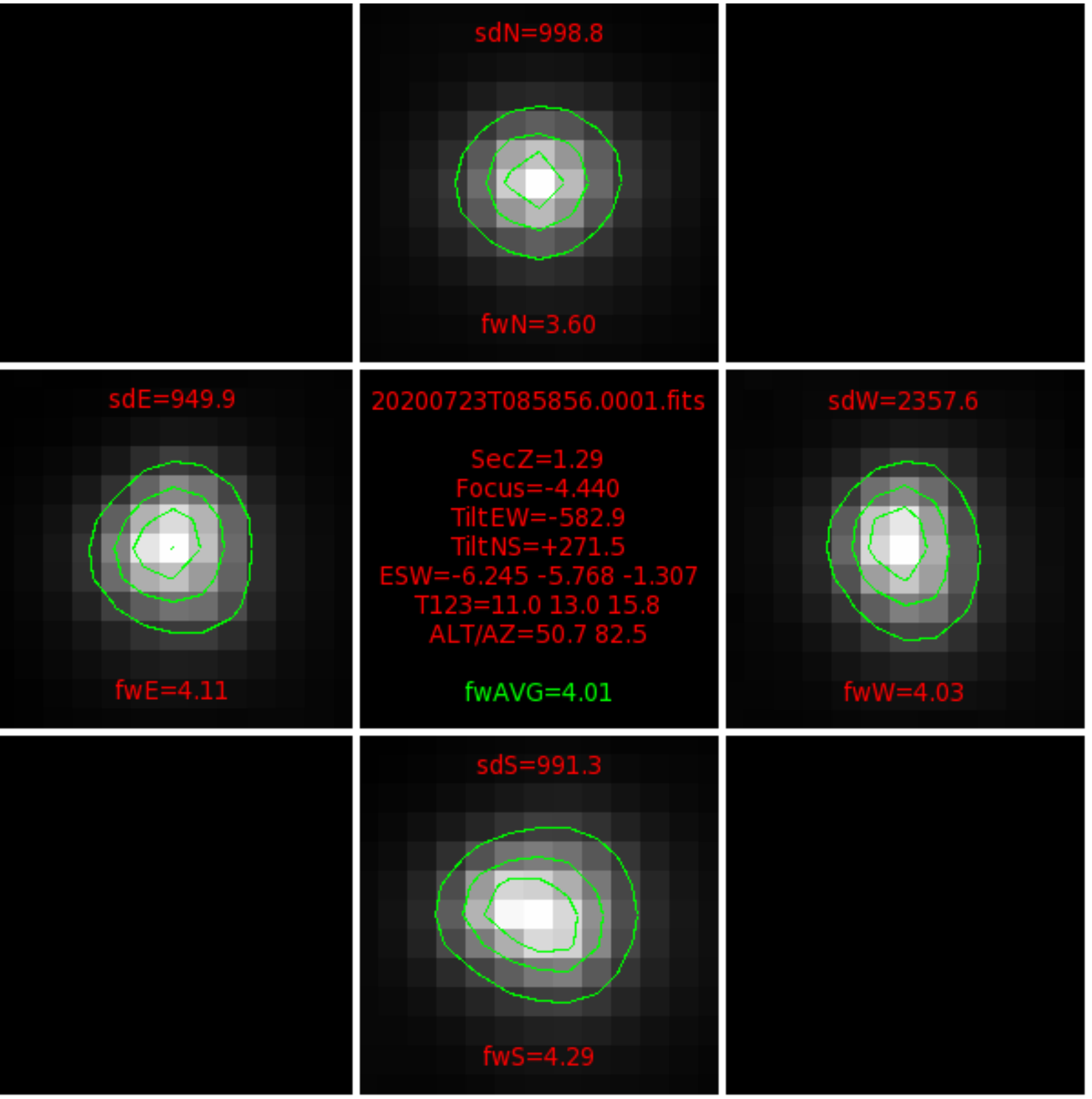
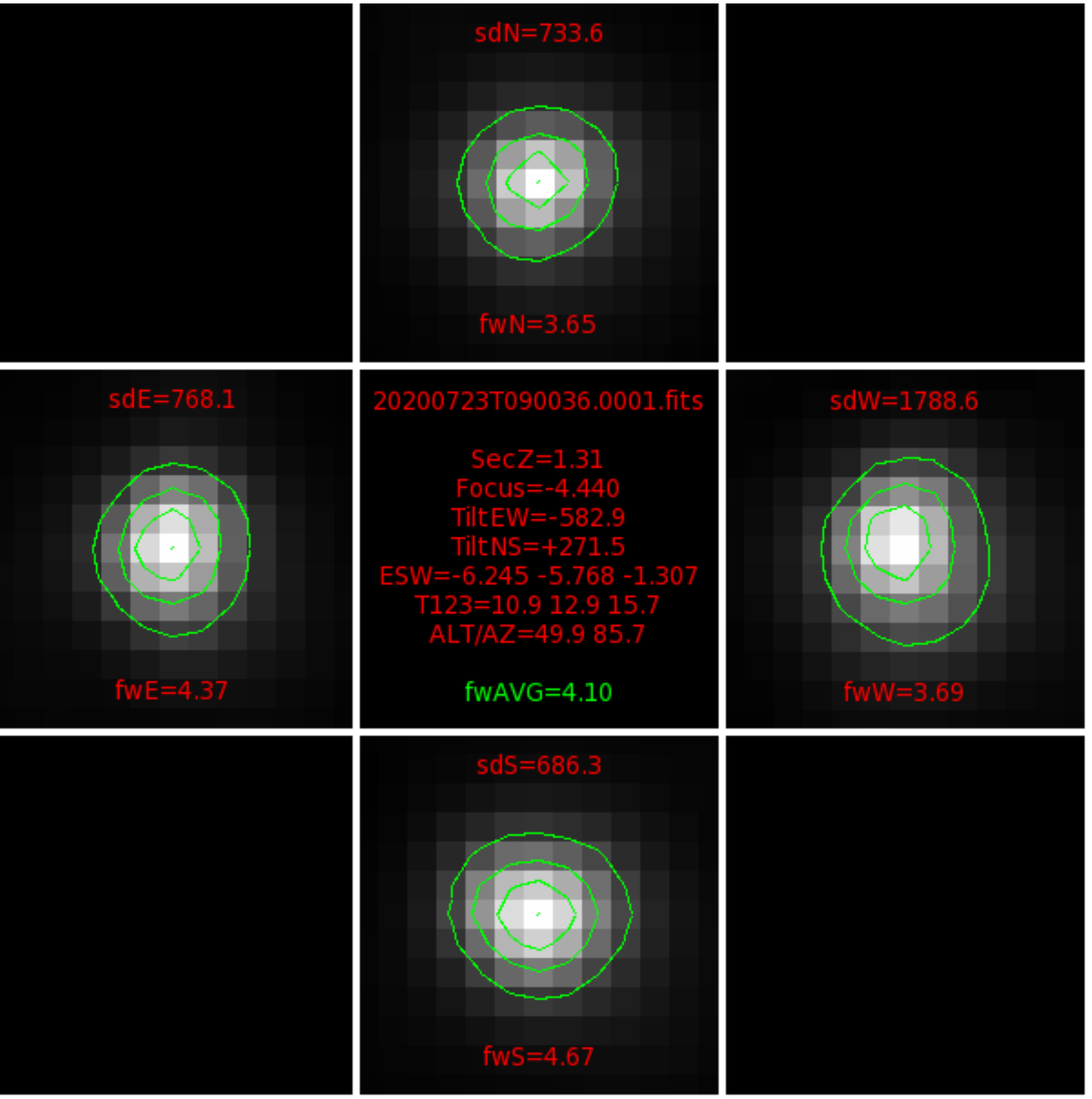

sdN=667.6
fwN=4.23
sdE=689.8
fwE=4.73
20200723T085826.0001.fits
SecZ=1.29
Focus=-4.440
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.245 -5.768 -1.307
T123=11.0 13.1 15.9
ALT/AZ=50.6 82.4
fwAVG=4.65
sdW=1440.7
fwW=4.62
sdS=575.1
fwS=5.03
0 0 0 0 0 0 0 0 0


sdN=998.8
fwN=3.60
sdE=949.9
fwE=4.11
20200723T085856.0001.fits
SecZ=1.29
Focus=-4.440
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.245 -5.768 -1.307
T123=11.0 13.0 15.8
ALT/AZ=50.7 82.5
fwAVG=4.01
sdW=2357.6
fwW=4.03
sdS=991.3
fwS=4.29
0 0 0 0 0 0 0 0 0


sdN=733.6
fwN=3.65
sdE=768.1
fwE=4.37
20200723T090036.0001.fits
SecZ=1.31
Focus=-4.440
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.245 -5.768 -1.307
T123=10.9 12.9 15.7
ALT/AZ=49.9 85.7
fwAVG=4.10
sdW=1788.6
fwW=3.69
sdS=686.3
fwS=4.67
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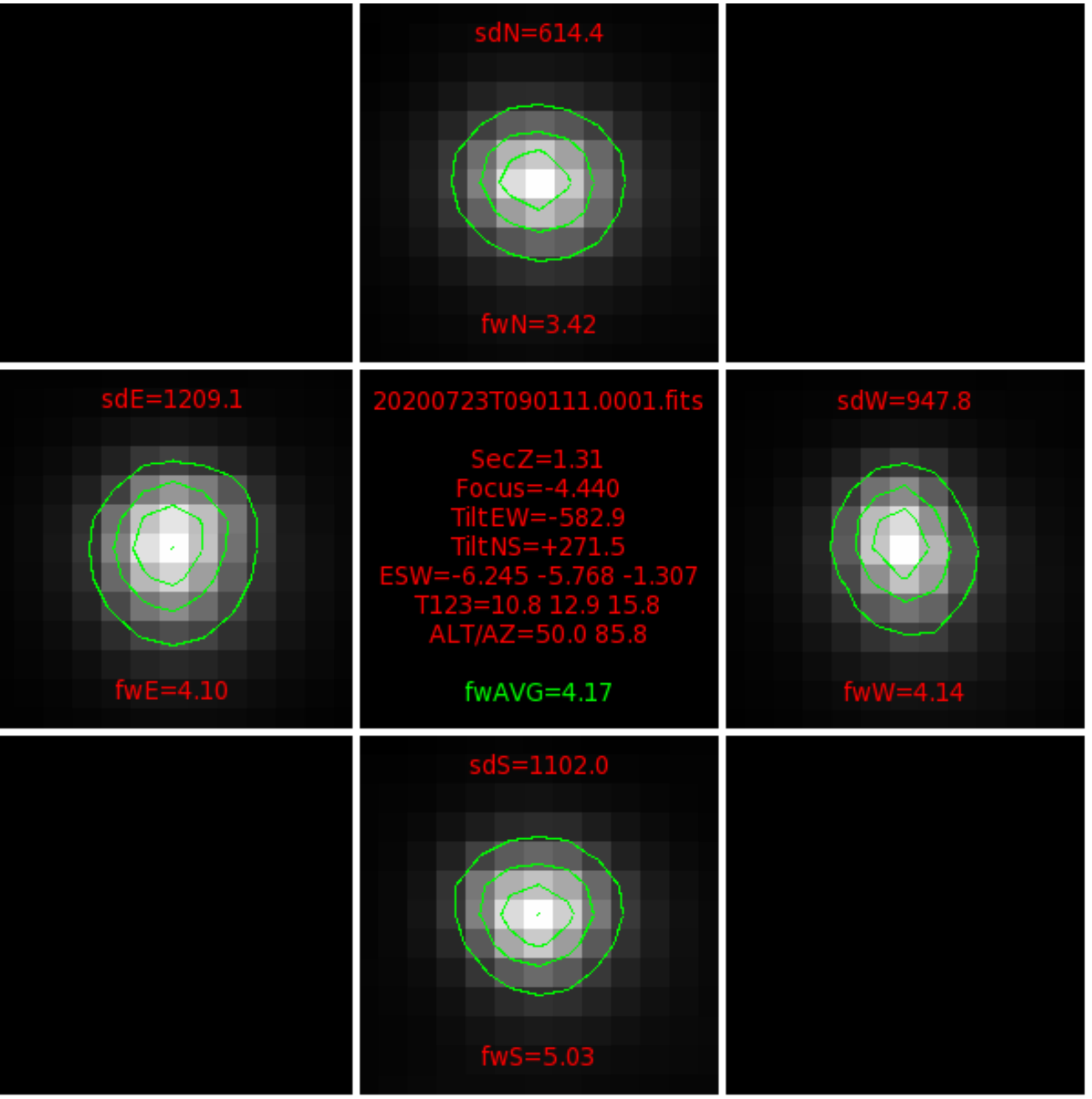
sdN=614.4
fwN=3.42
sdE=1209.1
fwE=4.10
20200723T090111.0001.fits
SecZ=1.31
Focus=-4.440
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.245 -5.768 -1.307
T123=10.8 12.9 15.8
ALT/AZ=50.0 85.8
fwAVG=4.17
sdW=947.8
fwW=4.14
sdS=1102.0
fwS=5.03
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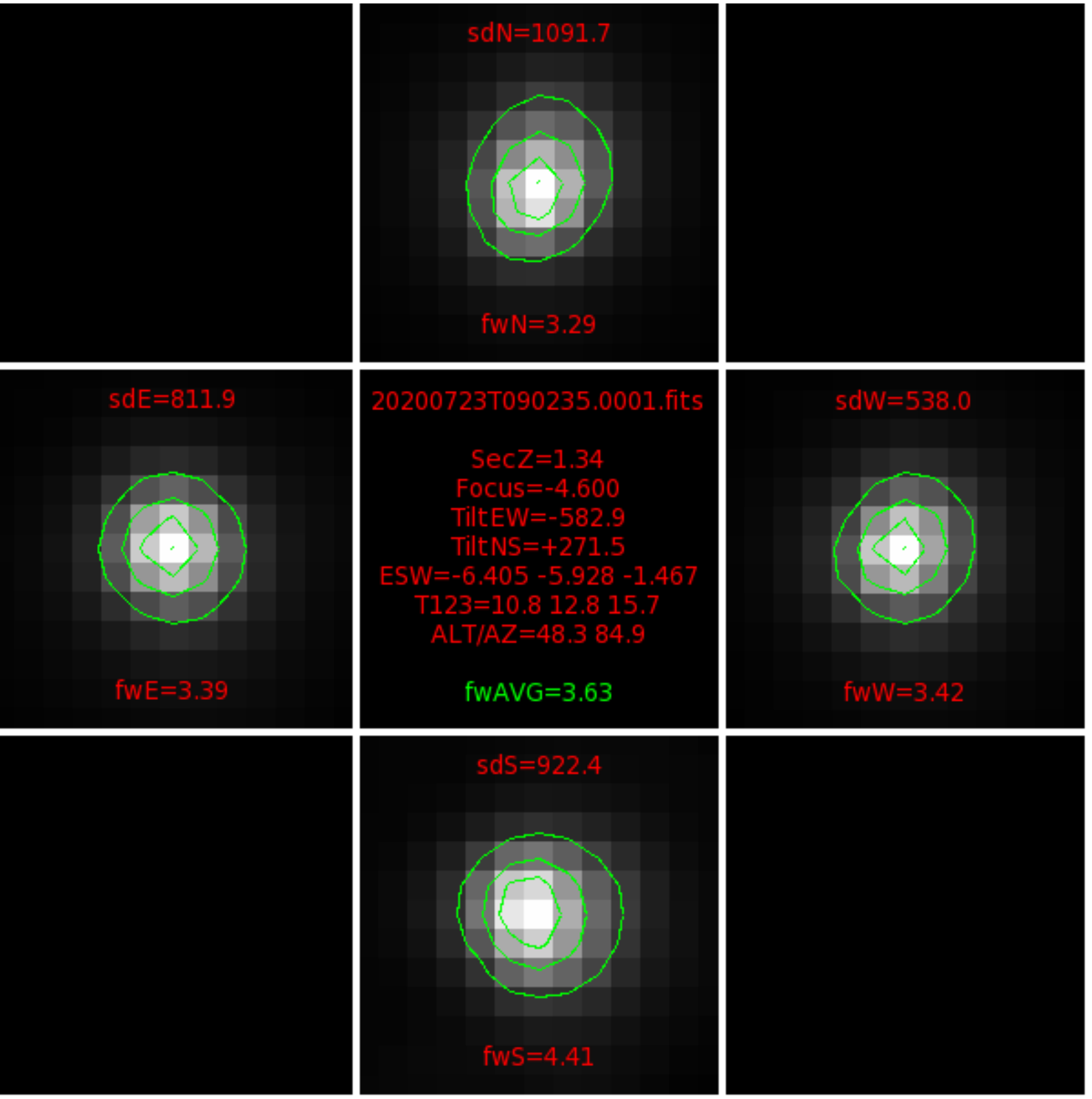
sdN=1091.7
fwN=3.29
sdE=811.9
fwE=3.39
20200723T090235.0001.fits
SecZ=1.34
Focus=-4.600
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.405 -5.928 -1.467
T123=10.8 12.8 15.7
ALT/AZ=48.3 84.9
fwAVG=3.63
sdW=538.0
fwW=3.42
sdS=922.4
fwS=4.41
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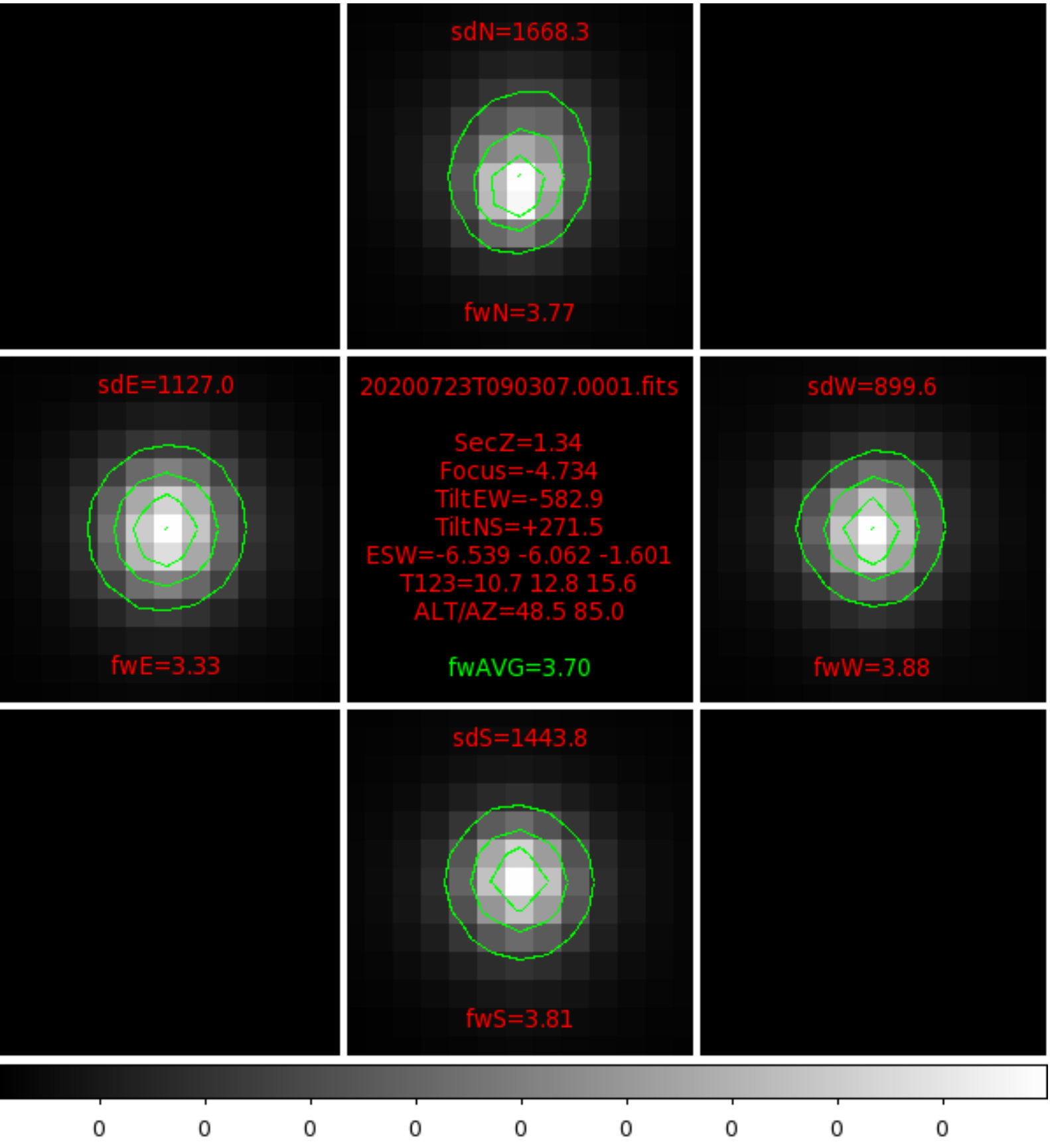
sdN=1668.3
fwN=3.77
sdE=1127.0
fwE=3.33
20200723T090307.0001.fits
SecZ=1.34
Focus=-4.734
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.539 -6.062 -1.601
T123=10.7 12.8 15.6
ALT/AZ=48.5 85.0
fwAVG=3.70
sdW=899.6
fwW=3.88
sdS=1443.8
fwS=3.81
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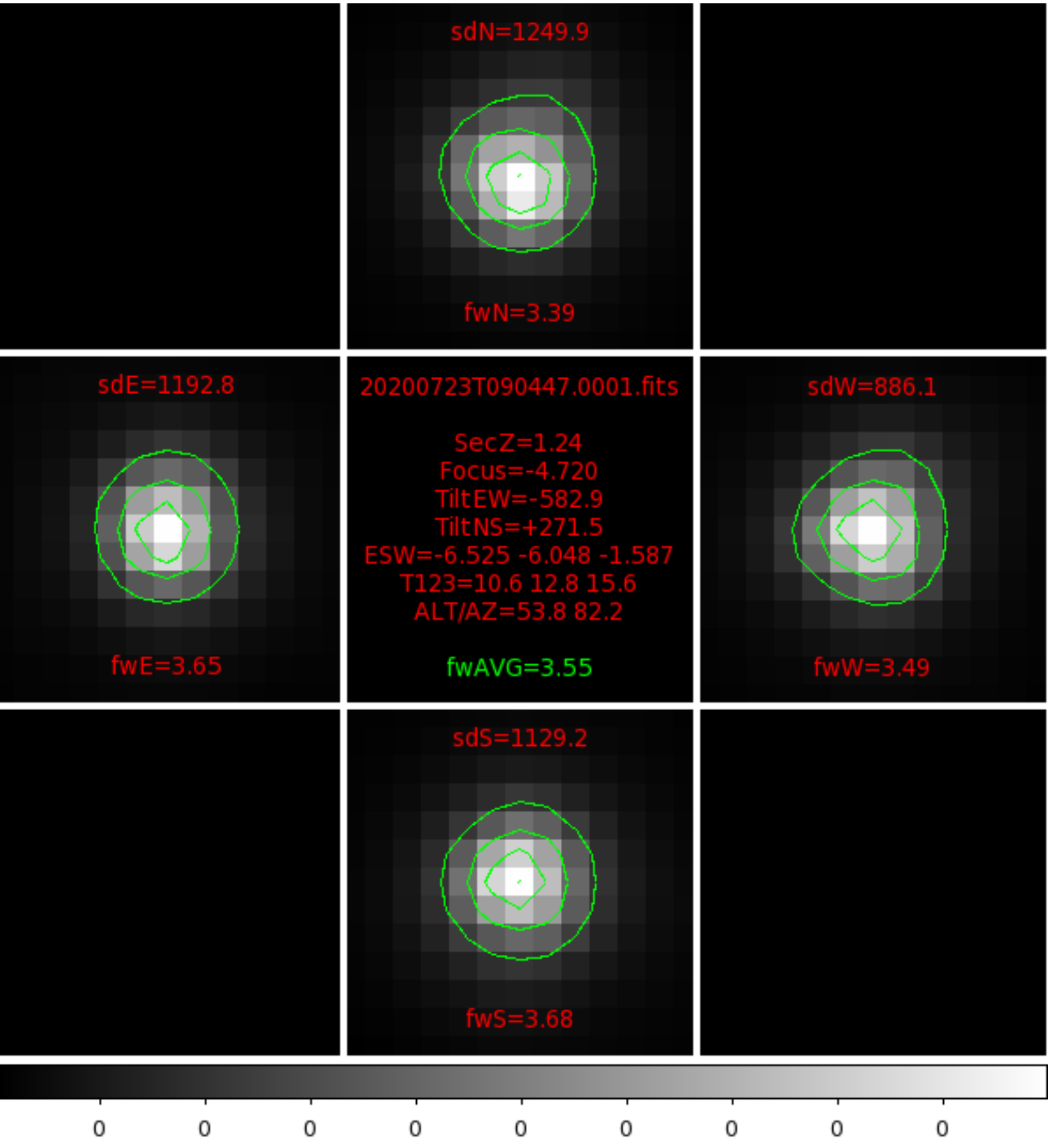
sdN=1249.9
fwN=3.39
sdE=1192.8
fwE=3.65
20200723T090447.0001.fits
SecZ=1.24
Focus=-4.720
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.525 -6.048 -1.587
T123=10.6 12.8 15.6
ALT/AZ=53.8 82.2
fwAVG=3.55
sdW=886.1
fwW=3.49
sdS=1129.2
fwS=3.68
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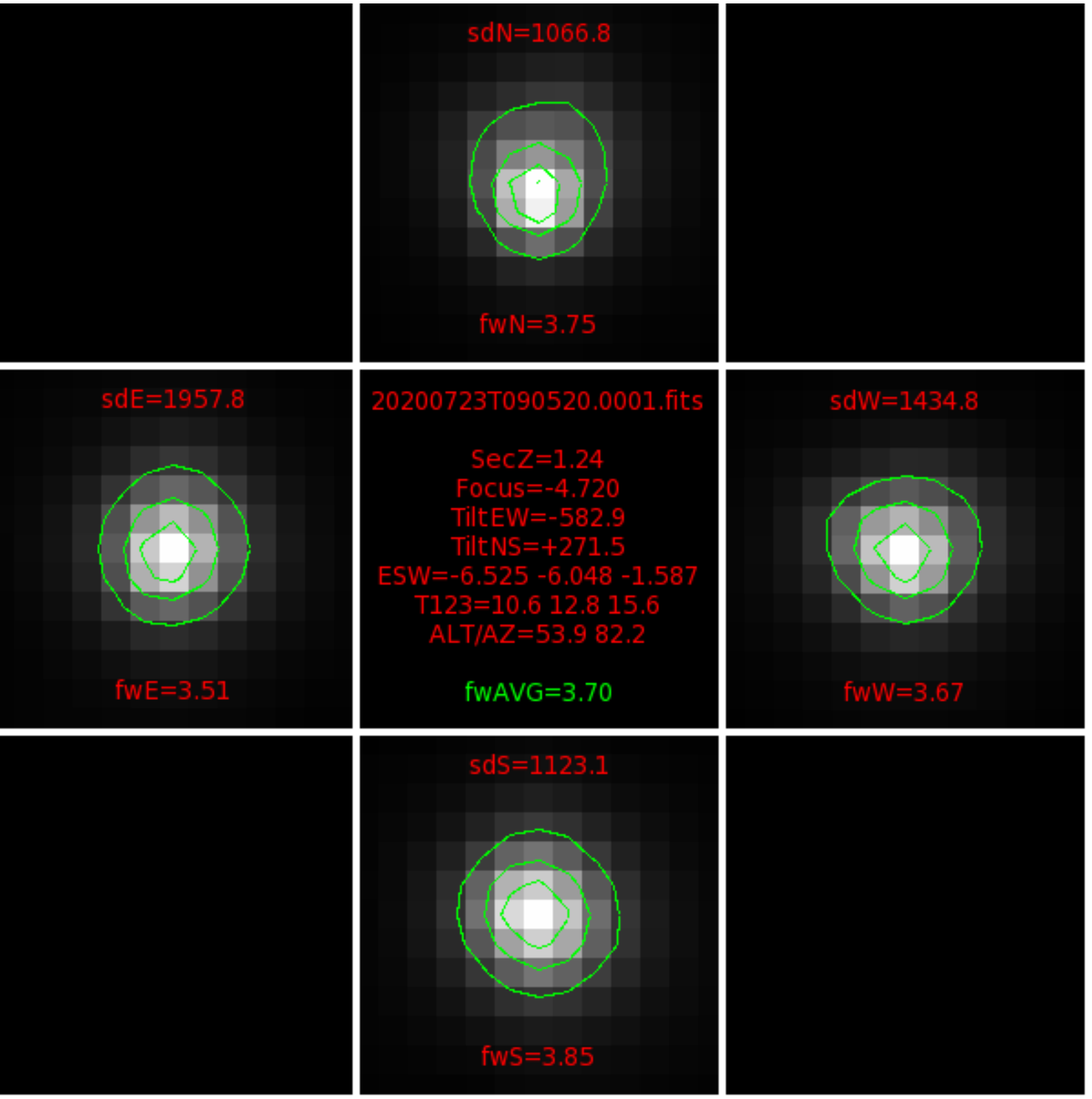
sdN=1066.8
fwN=3.75
sdE=1957.8
fwE=3.51
20200723T090520.0001.fits
SecZ=1.24
Focus=-4.720
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.525 -6.048 -1.587
T123=10.6 12.8 15.6
ALT/AZ=53.9 82.2
fwAVG=3.70
sdW=1434.8
fwW=3.67
sdS=1123.1
fwS=3.85
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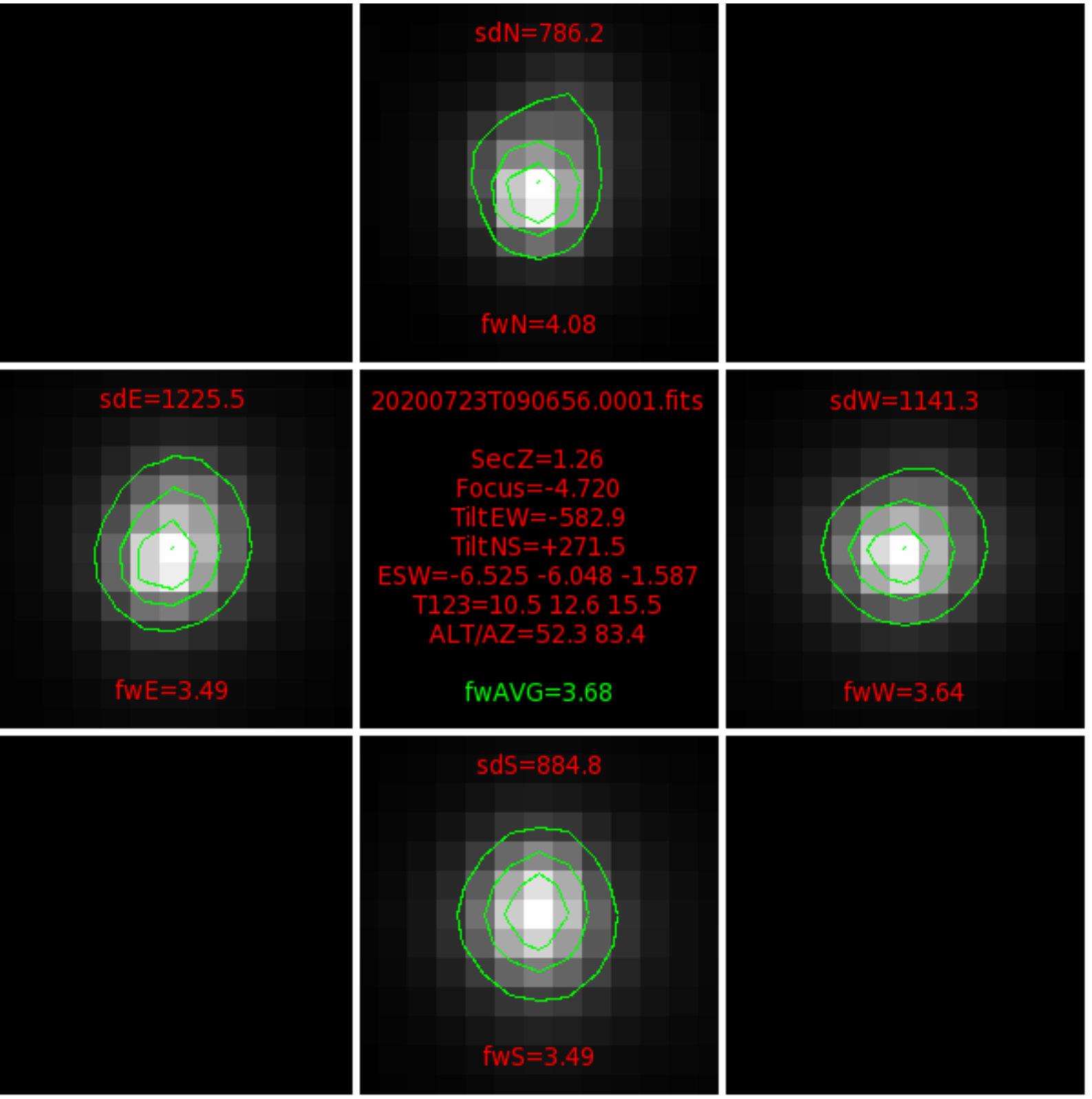
sdN=786.2
fwN=4.08
sdE=1225.5
fwE=3.49
20200723T090656.0001.fits
SecZ=1.26
Focus=-4.720
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.525 -6.048 -1.587
T123=10.5 12.6 15.5
ALT/AZ=52.3 83.4
fwAVG=3.68
sdW=1141.3
fwW=3.64
sdS=884.8
fwS=3.49
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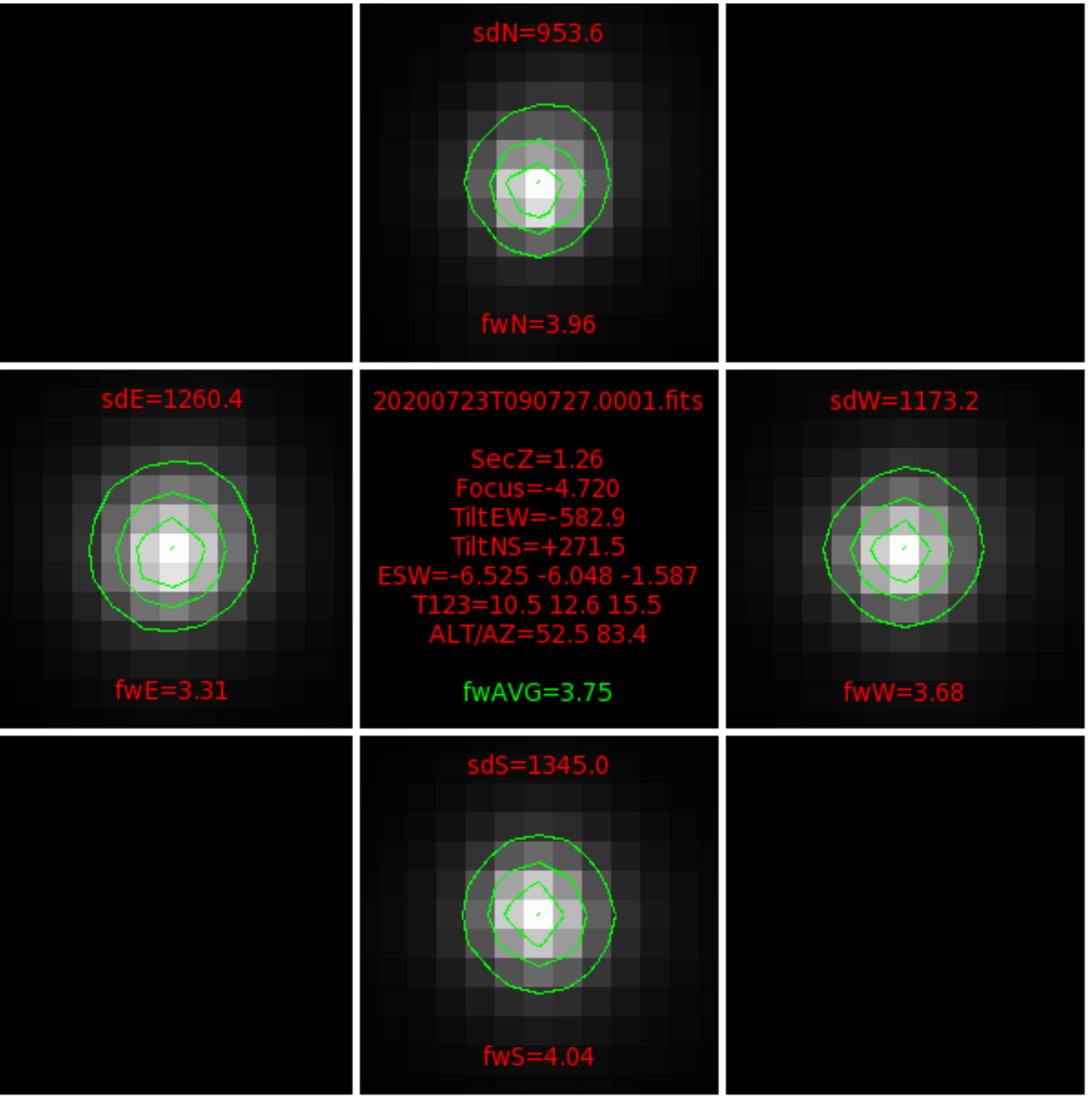
sdN=953.6
fwN=3.96
sdE=1260.4
fwE=3.31
20200723T090727.0001.fits
SecZ=1.26
Focus=-4.720
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.525 -6.048 -1.587
T123=10.5 12.6 15.5
ALT/AZ=52.5 83.4
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sdW=1173.2
fwW=3.68
sdS=1345.0
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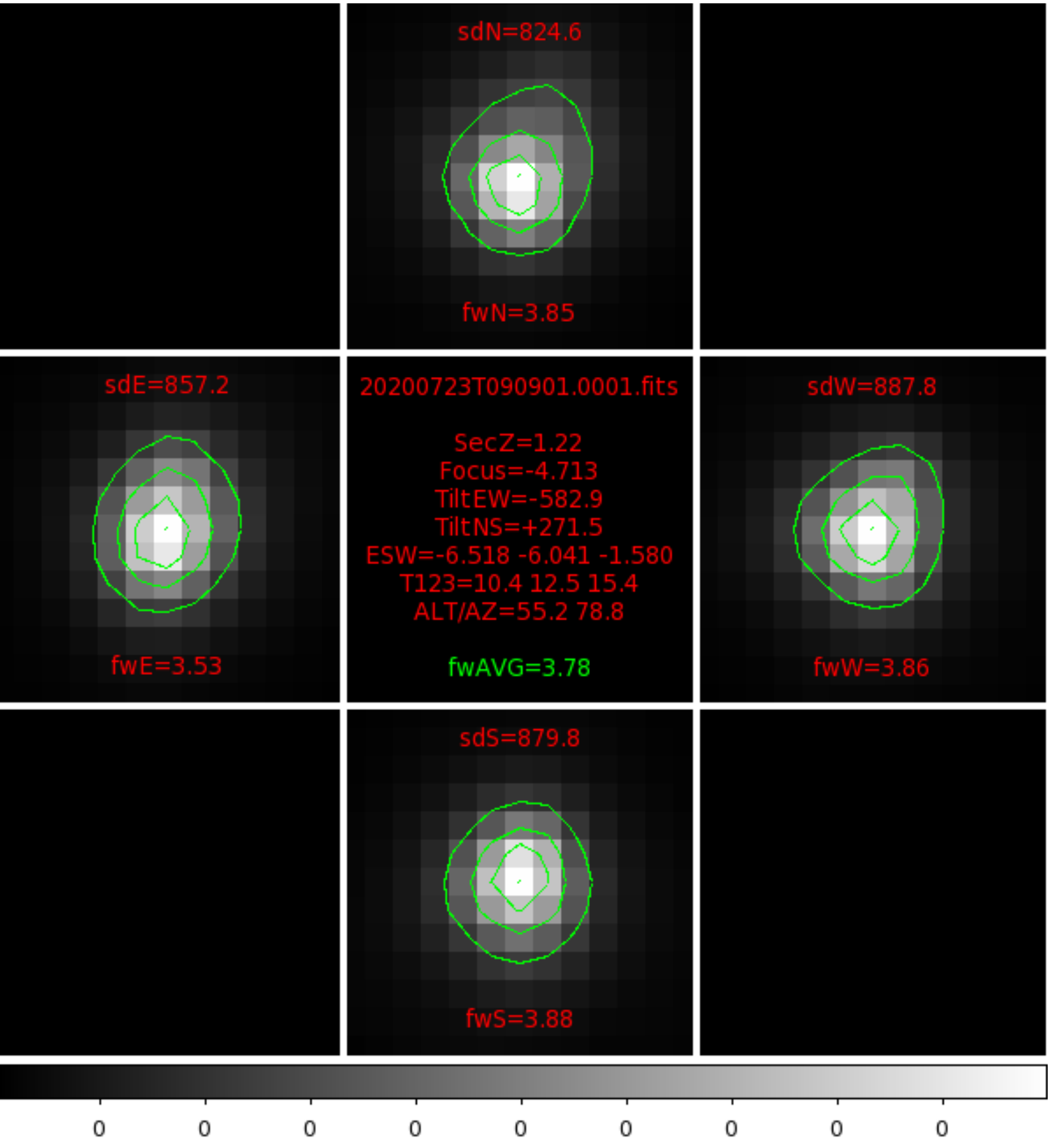
sdN=824.6
fwN=3.85
sdE=857.2
fwE=3.53
20200723T090901.0001.fits
SecZ=1.22
Focus=-4.713
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.518 -6.041 -1.580
T123=10.4 12.5 15.4
ALT/AZ=55.2 78.8
fwAVG=3.78
sdW=887.8
fwW=3.86
sdS=879.8
fwS=3.88
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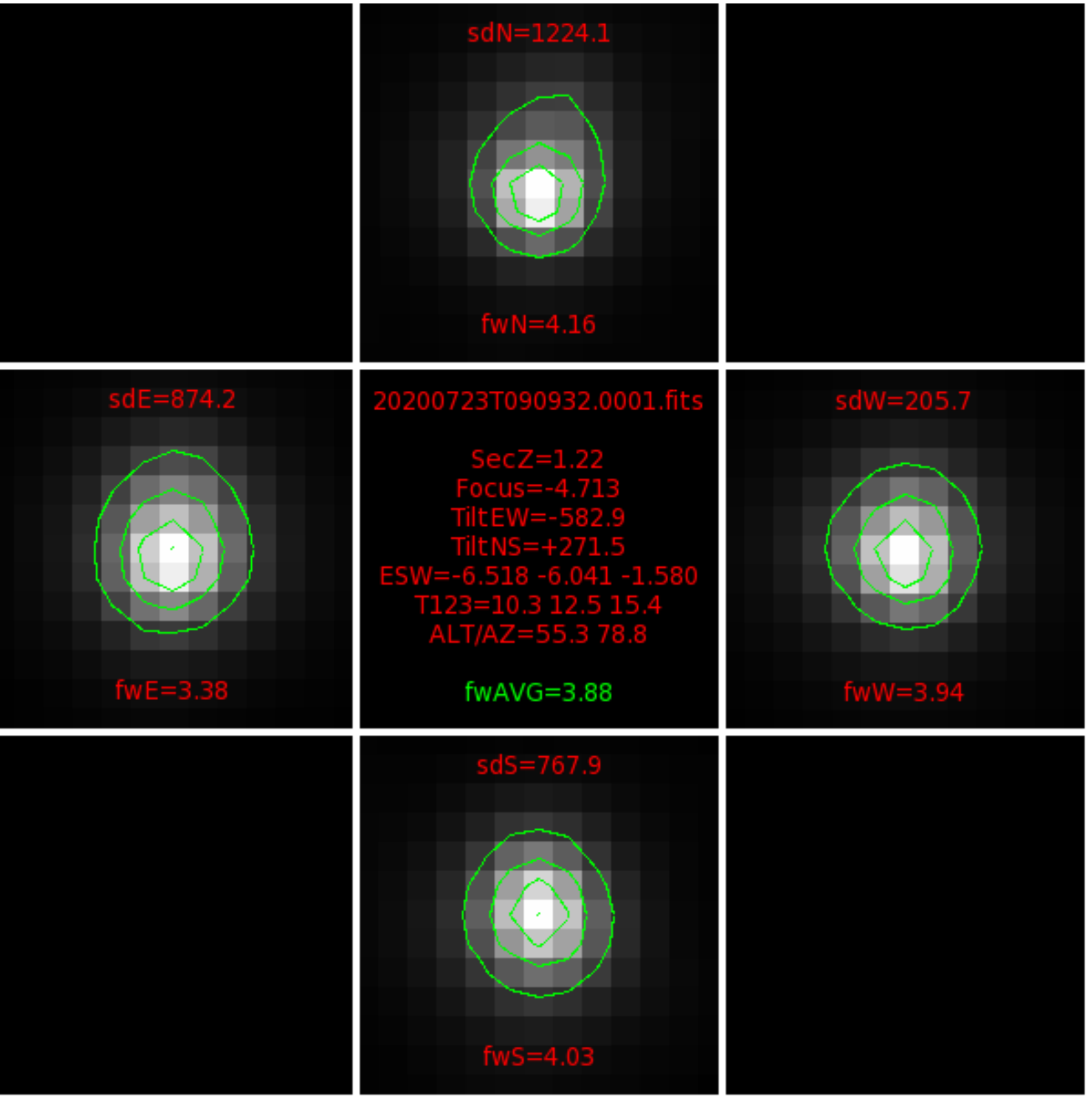
sdN=1224.1
fwN=4.16
sdE=874.2
fwE=3.38
20200723T090932.0001.fits
SecZ=1.22
Focus=-4.713
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.518 -6.041 -1.580
T123=10.3 12.5 15.4
ALT/AZ=55.3 78.8
fwAVG=3.88
sdW=205.7
fwW=3.94
sdS=767.9
fwS=4.03
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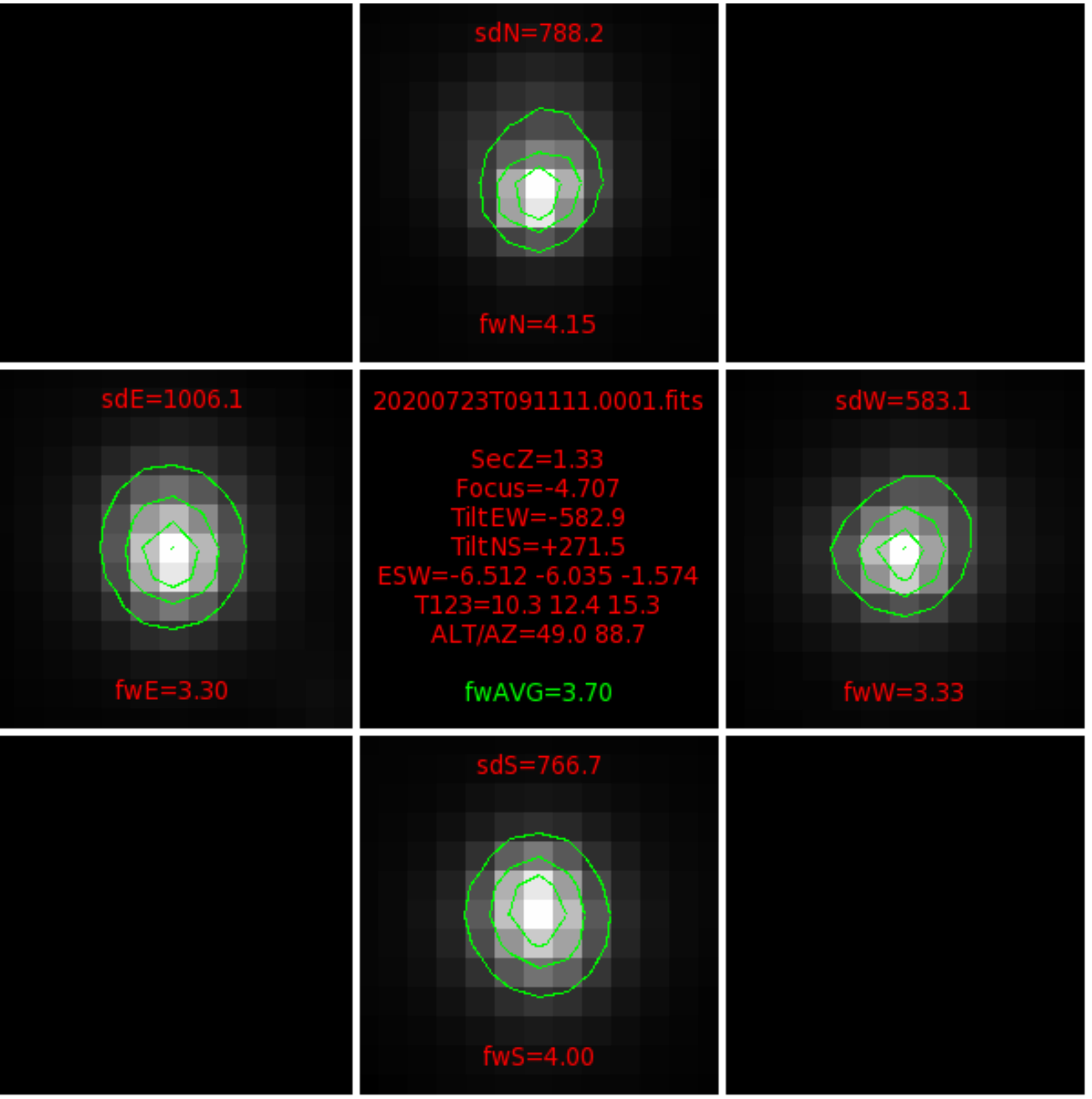
sdN=788.2
fwN=4.15
sdE=1006.1
fwE=3.30
20200723T091111.0001.fits
SecZ=1.33
Focus=-4.707
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.512 -6.035 -1.574
T123=10.3 12.4 15.3
ALT/AZ=49.0 88.7
fwAVG=3.70
sdW=583.1
fwW=3.33
sdS=766.7
fwS=4.00
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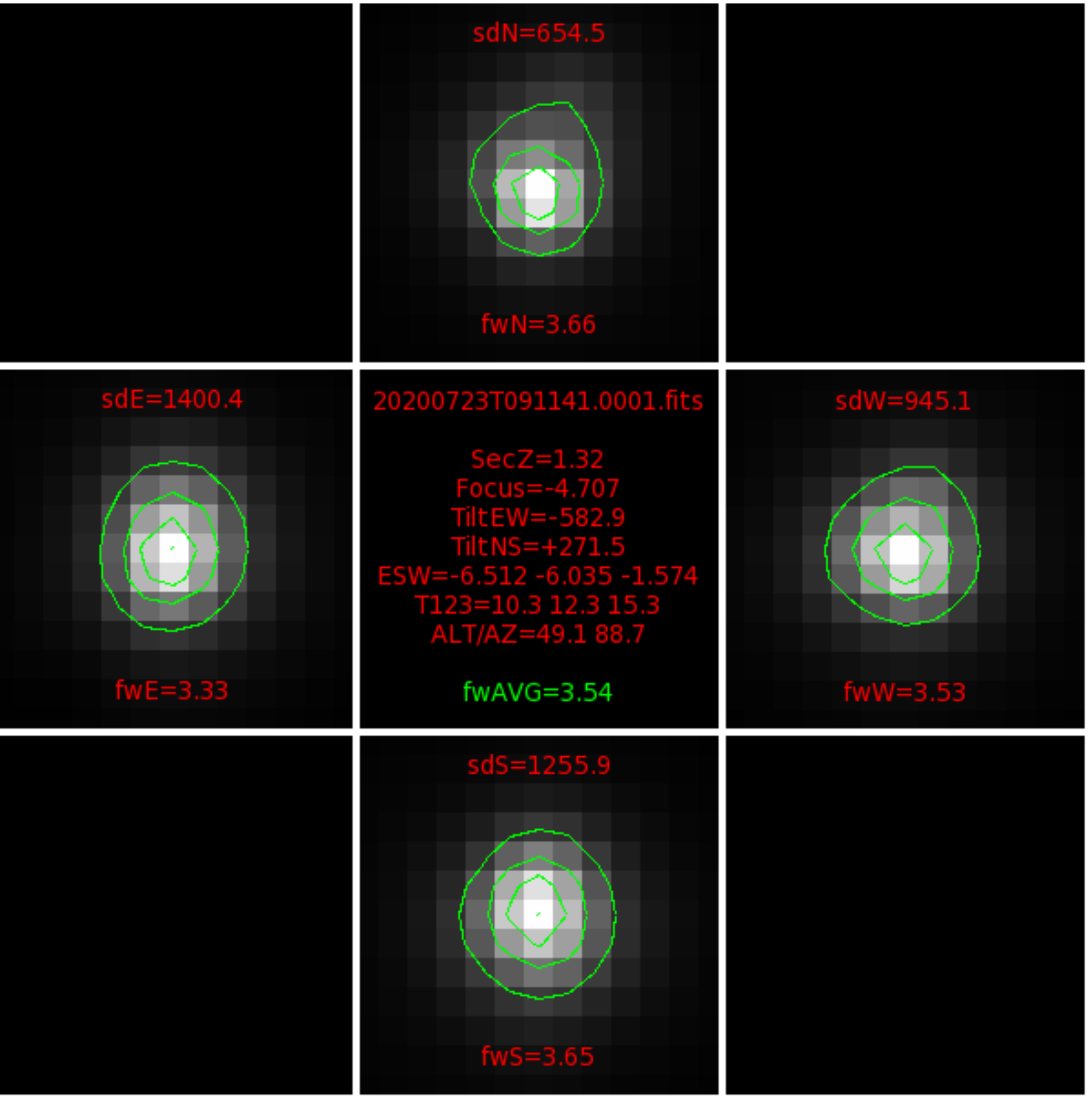
sdN=654.5
fwN=3.66
sdE=1400.4
fwE=3.33
20200723T091141.0001.fits
SecZ=1.32
Focus=-4.707
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.512 -6.035 -1.574
T123=10.3 12.3 15.3
ALT/AZ=49.1 88.7
fwAVG=3.54
sdW=945.1
fwW=3.53
sdS=1255.9
fwS=3.65
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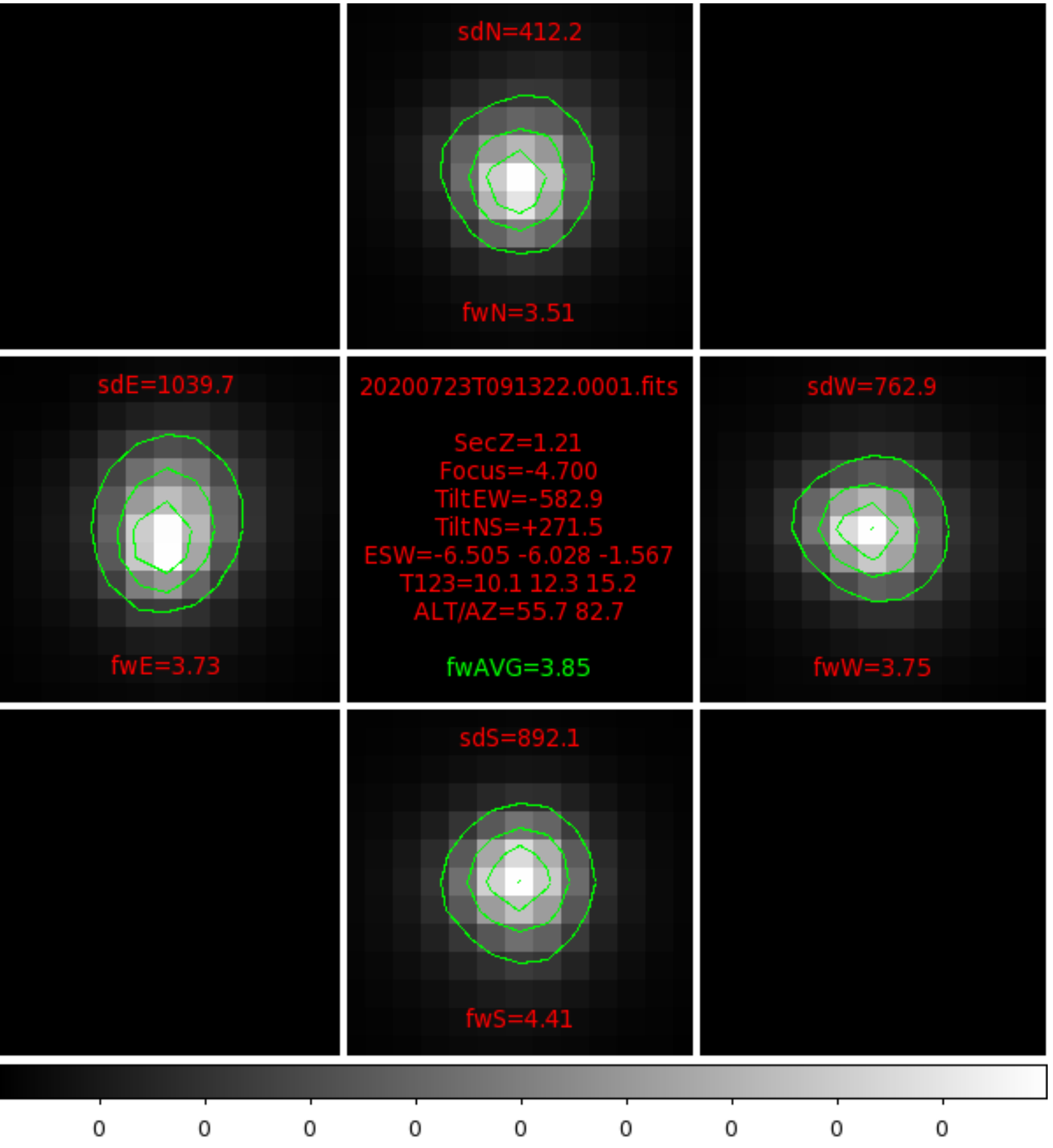
sdN=412.2
fwN=3.51
sdE=1039.7
fwE=3.73
20200723T091322.0001.fits
SecZ=1.21
Focus=-4.700
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.505 -6.028 -1.567
T123=10.1 12.3 15.2
ALT/AZ=55.7 82.7
fwAVG=3.85
sdW=762.9
fwW=3.75
sdS=892.1
fwS=4.41
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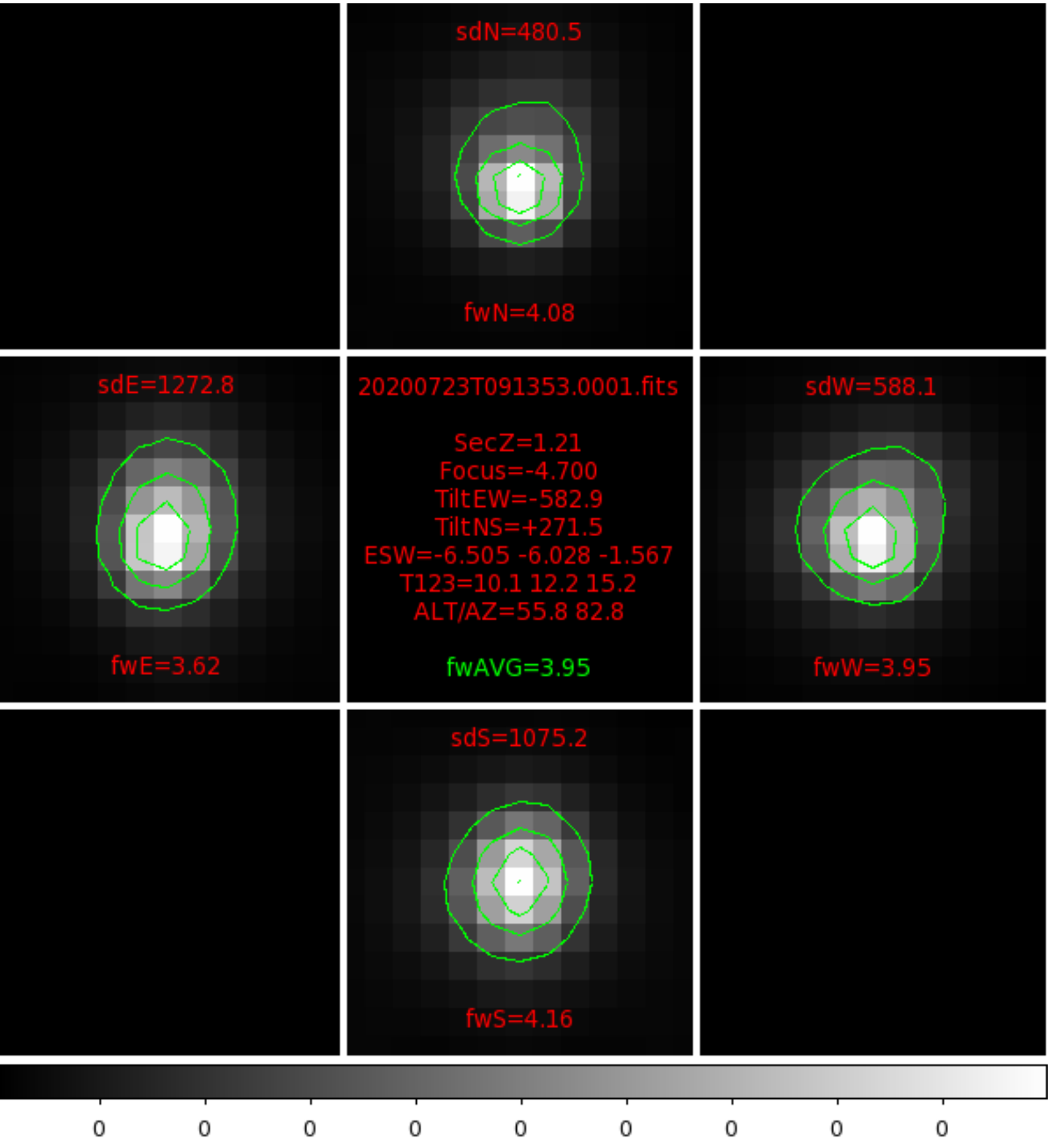
sdN=480.5
fwN=4.08
sdE=1272.8
fwE=3.62
20200723T091353.0001.fits
SecZ=1.21
Focus=-4.700
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.505 -6.028 -1.567
T123=10.1 12.2 15.2
ALT/AZ=55.8 82.8
fwAVG=3.95
sdW=588.1
fwW=3.95
sdS=1075.2
fwS=4.16
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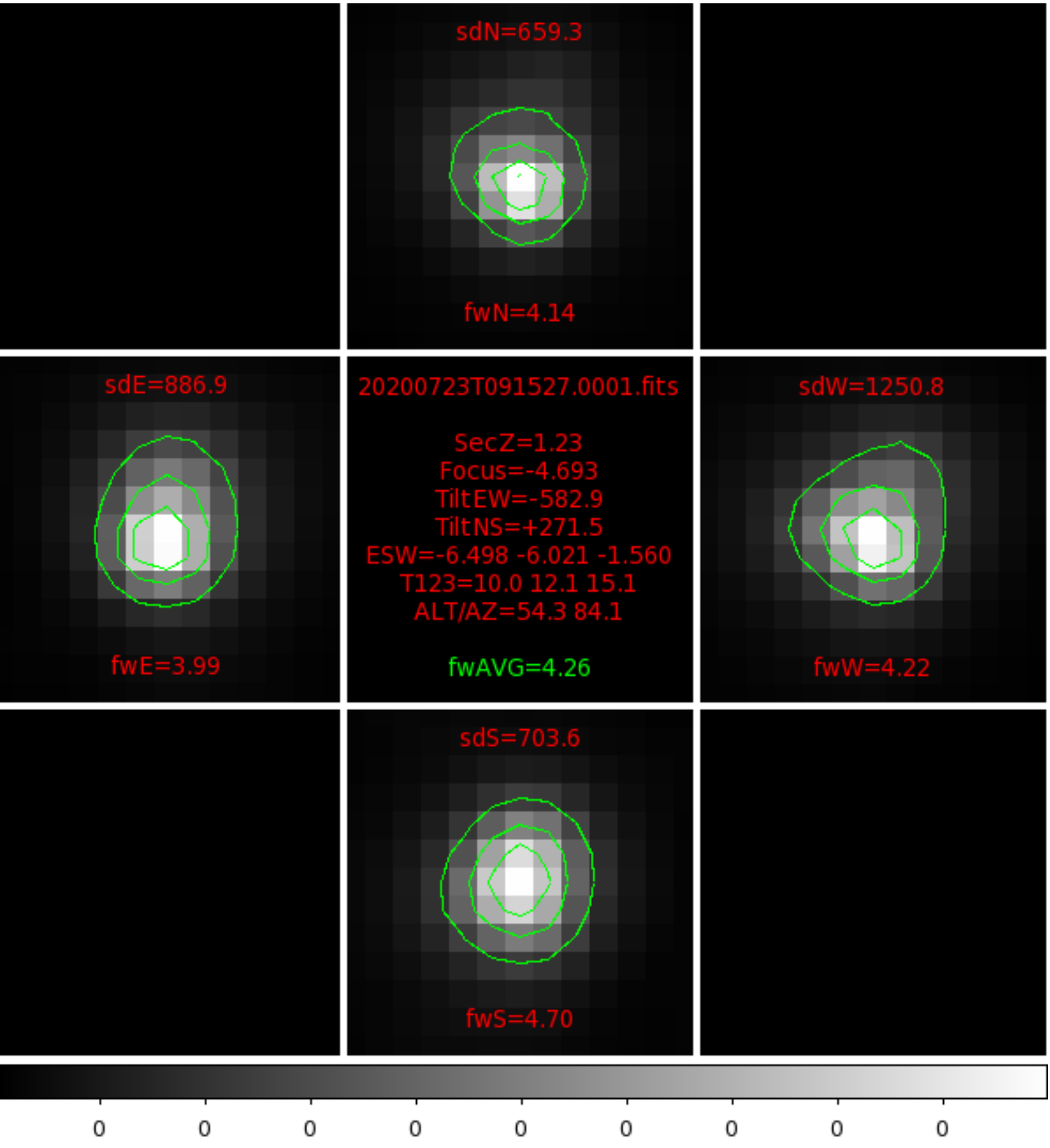
sdN=659.3
fwN=4.14
sdE=886.9
fwE=3.99
20200723T091527.0001.fits
SecZ=1.23
Focus=-4.693
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.498 -6.021 -1.560
T123=10.0 12.1 15.1
ALT/AZ=54.3 84.1
fwAVG=4.26
sdW=1250.8
fwW=4.22
sdS=703.6
fwS=4.70
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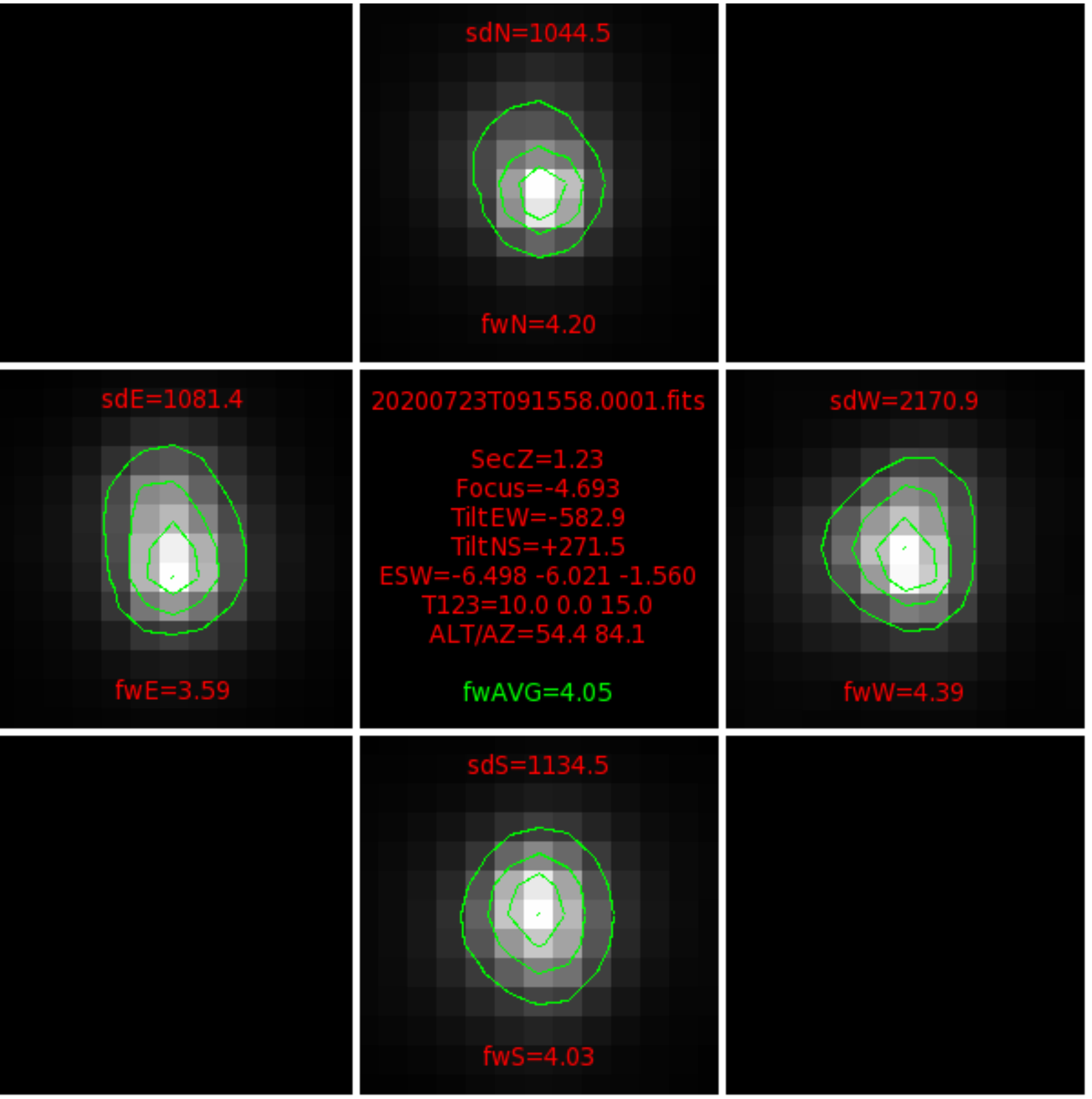
sdN=1044.5
fwN=4.20
sdE=1081.4
fwE=3.59
20200723T091558.0001.fits
SecZ=1.23
Focus=-4.693
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.498 -6.021 -1.560
T123=10.0 0.0 15.0
ALT/AZ=54.4 84.1
fwAVG=4.05
sdW=2170.9
fwW=4.39
sdS=1134.5
fwS=4.03
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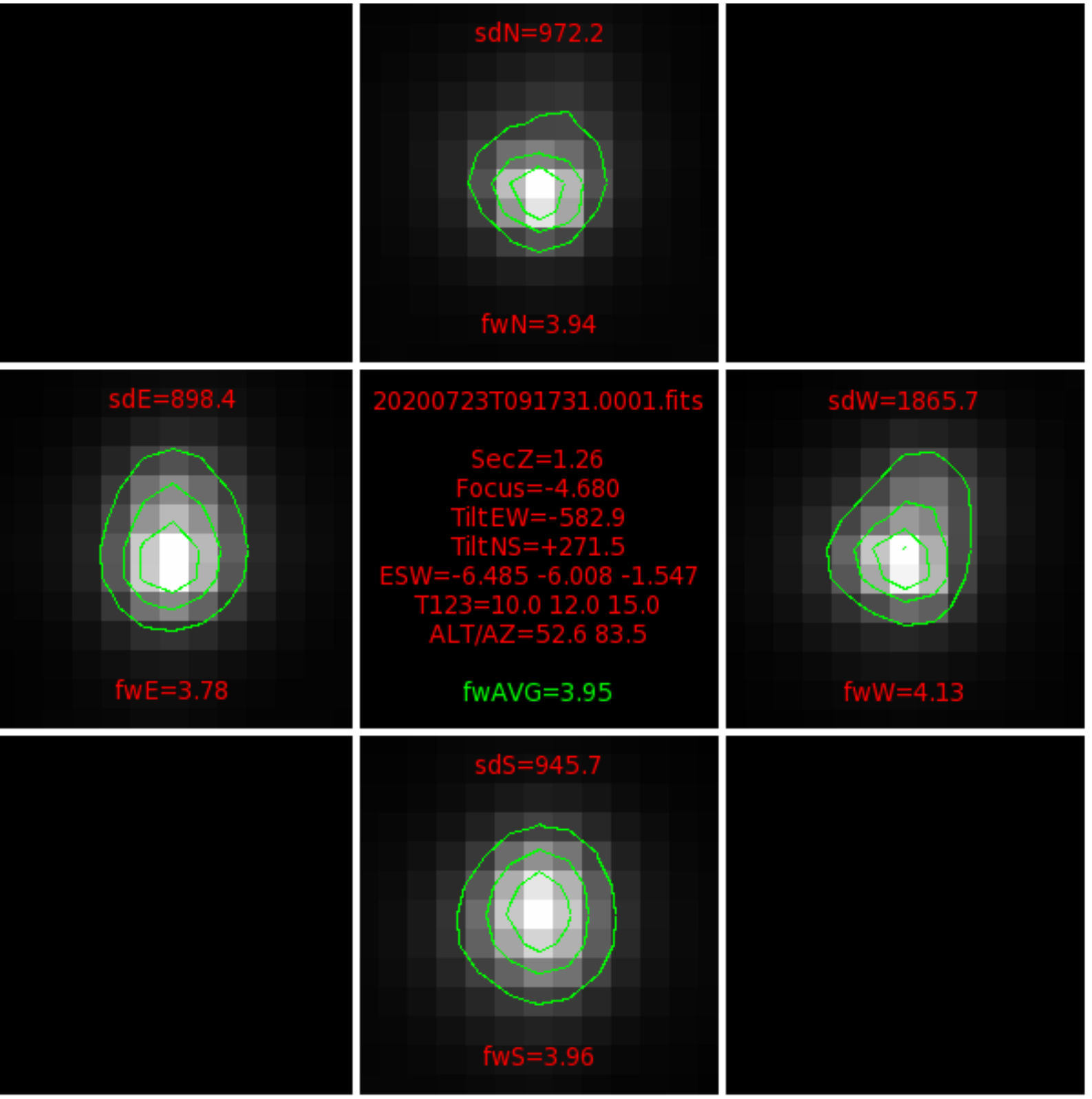
sdN=972.2
fwN=3.94
sdE=898.4
fwE=3.78
20200723T091731.0001.fits
SecZ=1.26
Focus=-4.680
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.485 -6.008 -1.547
T123=10.0 12.0 15.0
ALT/AZ=52.6 83.5
fwAVG=3.95
sdW=1865.7
fwW=4.13
sdS=945.7
fwS=3.96
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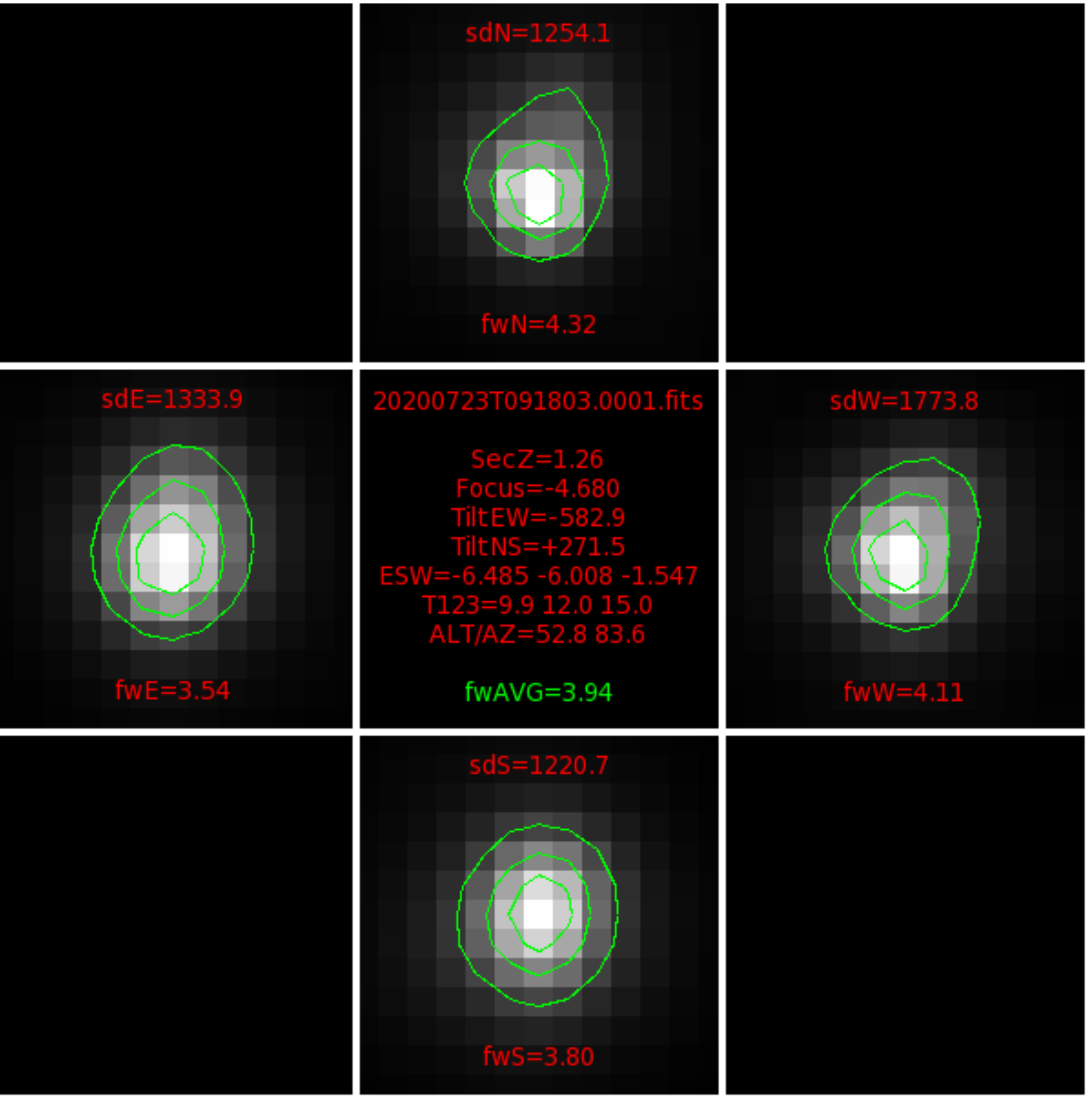
sdN=1254.1
fwN=4.32
sdE=1333.9
fwE=3.54
20200723T091803.0001.fits
SecZ=1.26
Focus=-4.680
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.485 -6.008 -1.547
T123=9.9 12.0 15.0
ALT/AZ=52.8 83.6
fwAVG=3.94
sdW=1773.8
fwW=4.11
sdS=1220.7
fwS=3.80
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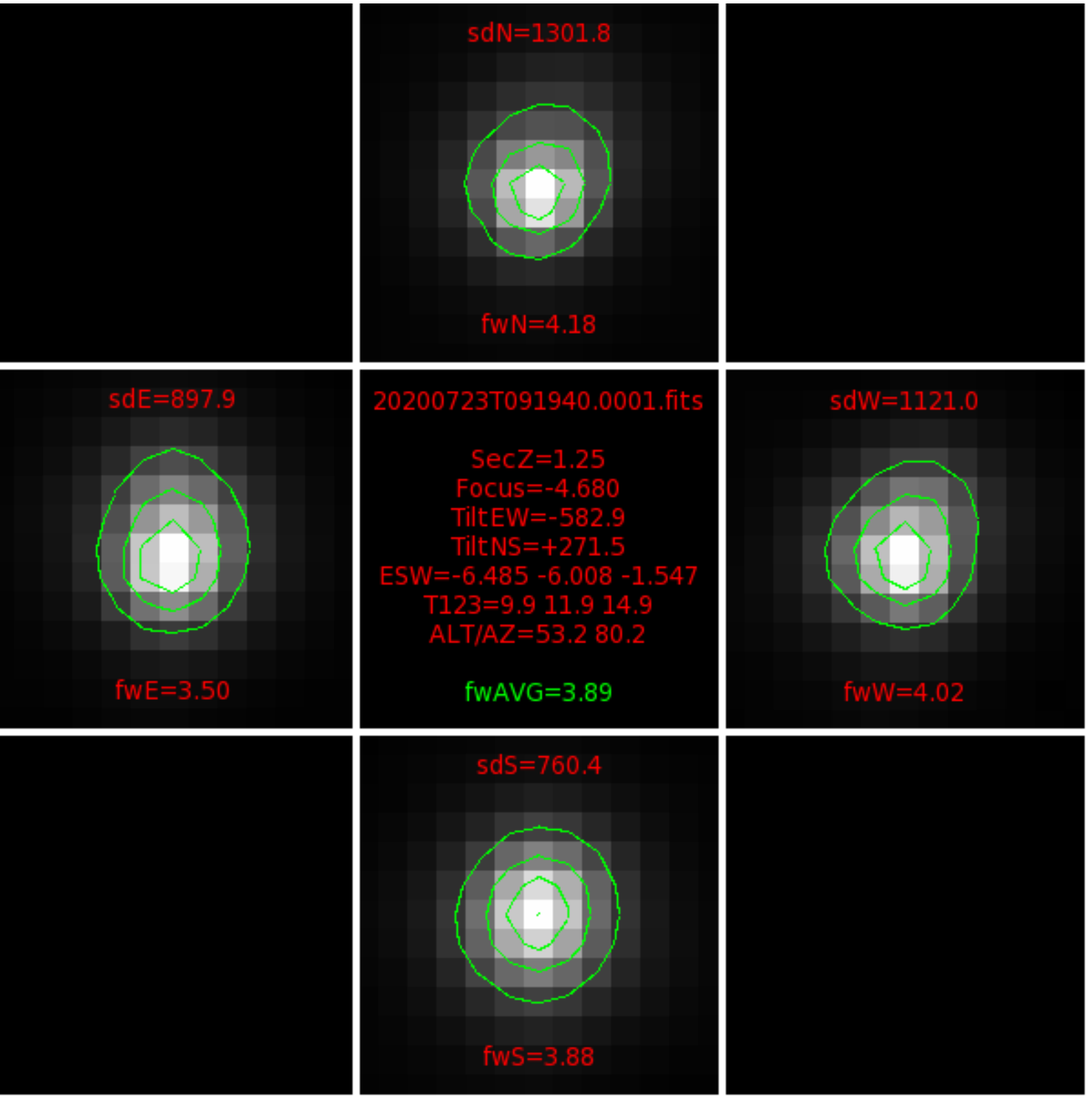
sdN=1301.8
fwN=4.18
sdE=897.9
fwE=3.50
20200723T091940.0001.fits
SecZ=1.25
Focus=-4.680
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.485 -6.008 -1.547
T123=9.9 11.9 14.9
ALT/AZ=53.2 80.2
fwAVG=3.89
sdW=1121.0
fwW=4.02
sdS=760.4
fwS=3.88
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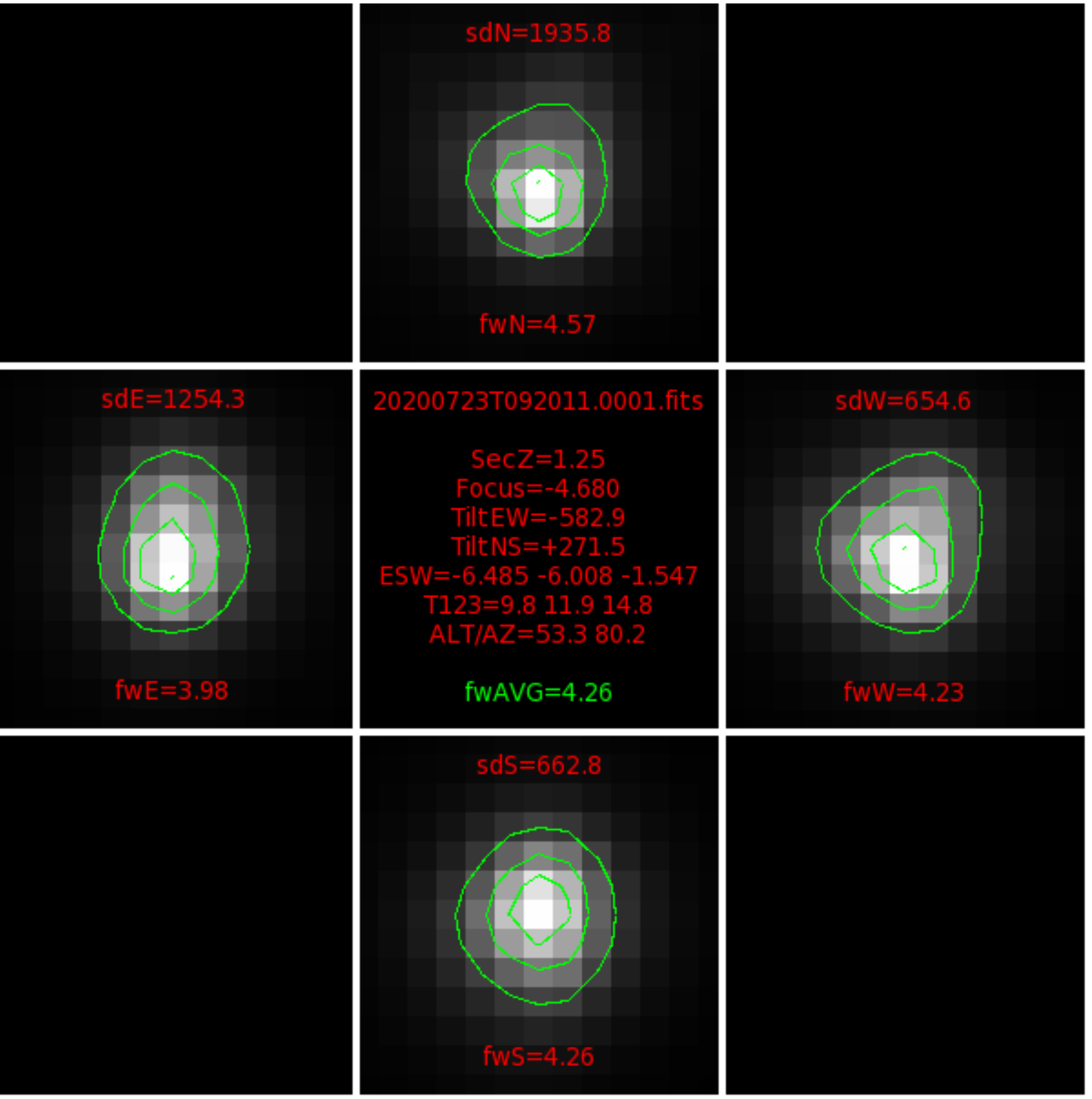
sdN=1935.8
fwN=4.57
sdE=1254.3
fwE=3.98
20200723T092011.0001.fits
SecZ=1.25
Focus=-4.680
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.485 -6.008 -1.547
T123=9.8 11.9 14.8
ALT/AZ=53.3 80.2
fwAVG=4.26
sdW=654.6
fwW=4.23
sdS=662.8
fwS=4.26
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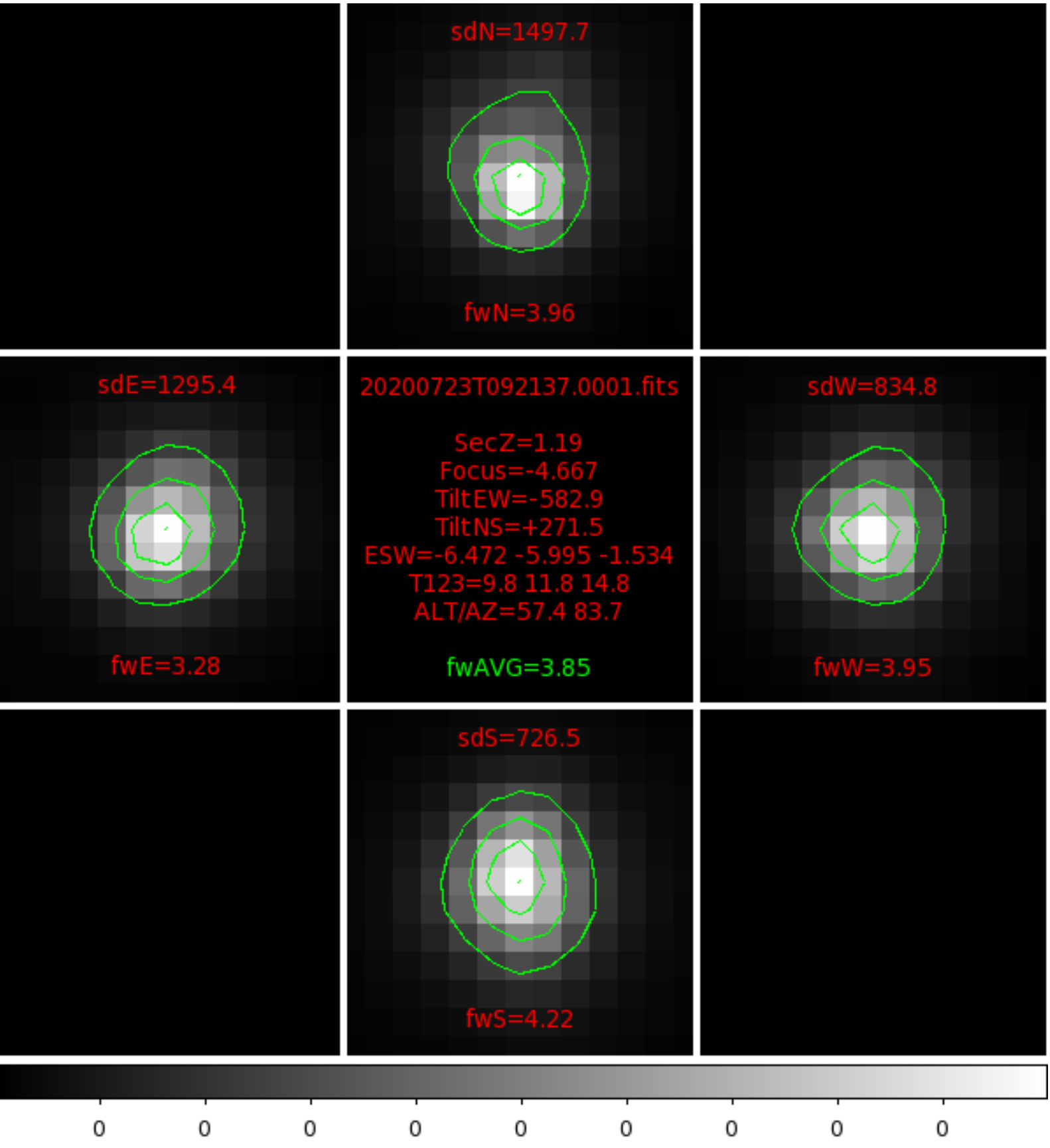
sdN=1497.7
fwN=3.96
sdE=1295.4
fwE=3.28
20200723T092137.0001.fits
SecZ=1.19
Focus=-4.667
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.472 -5.995 -1.534
T123=9.8 11.8 14.8
ALT/AZ=57.4 83.7
fwAVG=3.85
sdW=834.8
fwW=3.95
sdS=726.5
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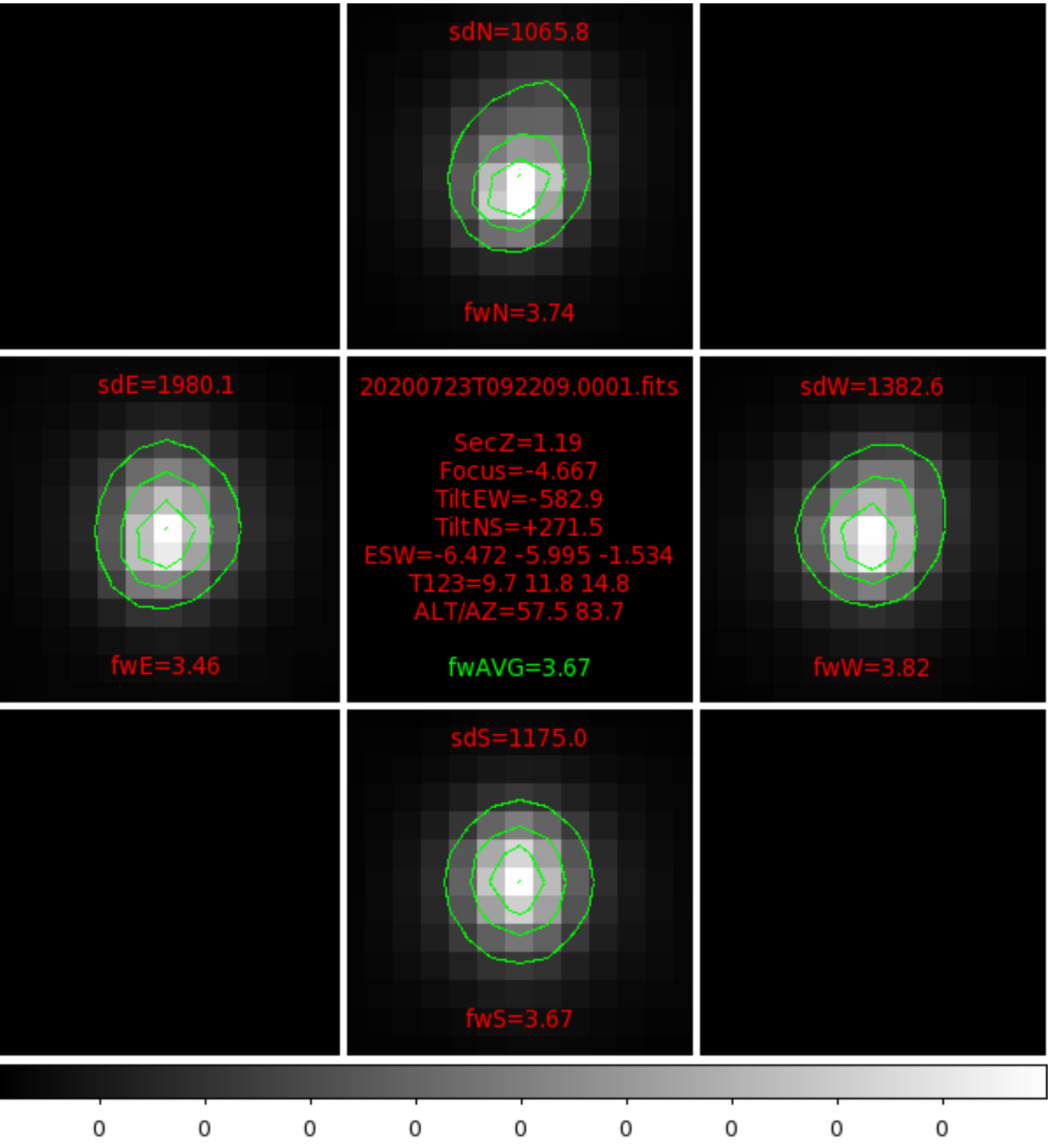
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fwN=3.74
sdE=1980.1
fwE=3.46
20200723T092209.0001.fits
SecZ=1.19
Focus=-4.667
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.472 -5.995 -1.534
T123=9.7 11.8 14.8
ALT/AZ=57.5 83.7
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sdW=1382.6
fwW=3.82
sdS=1175.0
fwS=3.67
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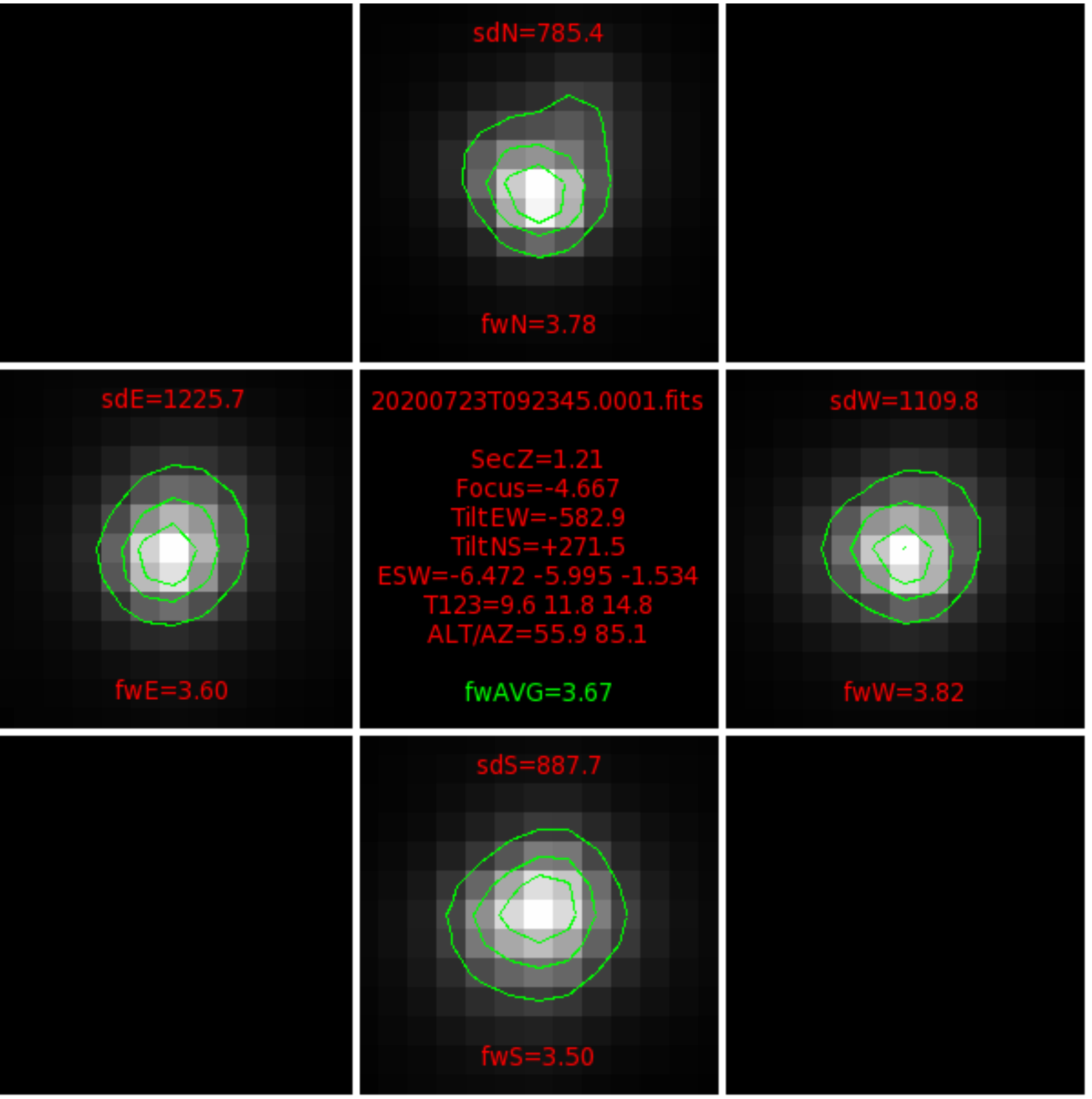
sdN=785.4
fwN=3.78
sdE=1225.7
fwE=3.60
20200723T092345.0001.fits
SecZ=1.21
Focus=-4.667
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.472 -5.995 -1.534
T123=9.6 11.8 14.8
ALT/AZ=55.9 85.1
fwAVG=3.67
sdW=1109.8
fwW=3.82
sdS=887.7
fwS=3.50
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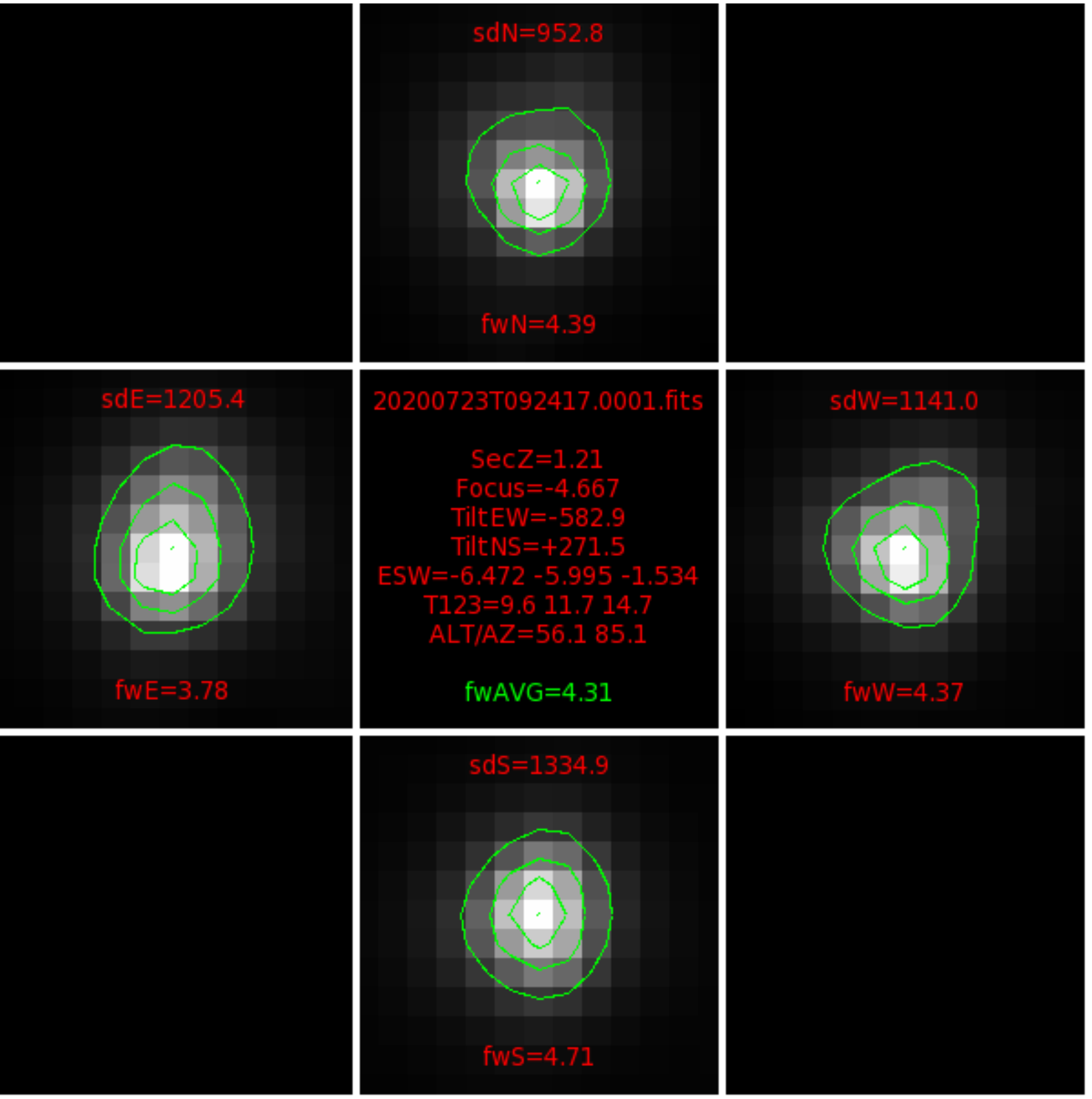
sdN=952.8
fwN=4.39
sdE=1205.4
fwE=3.78
20200723T092417.0001.fits
SecZ=1.21
Focus=-4.667
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.472 -5.995 -1.534
T123=9.6 11.7 14.7
ALT/AZ=56.1 85.1
fwAVG=4.31
sdW=1141.0
fwW=4.37
sdS=1334.9
fwS=4.71
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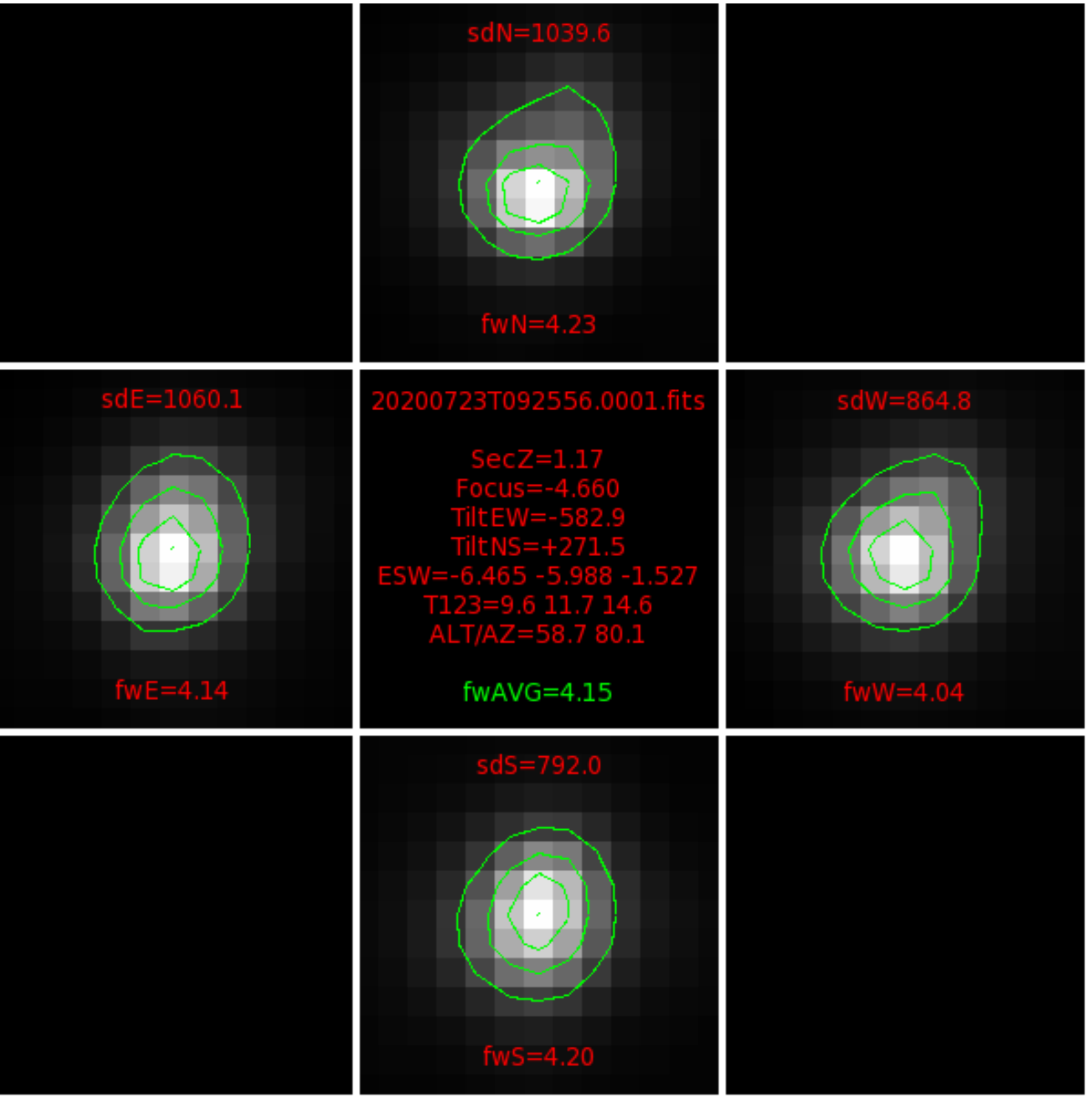
sdN=1039.6
fwN=4.23
sdE=1060.1
fwE=4.14
20200723T092556.0001.fits
SecZ=1.17
Focus=-4.660
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.465 -5.988 -1.527
T123=9.6 11.7 14.6
ALT/AZ=58.7 80.1
fwAVG=4.15
sdW=864.8
fwW=4.04
sdS=792.0
fwS=4.20
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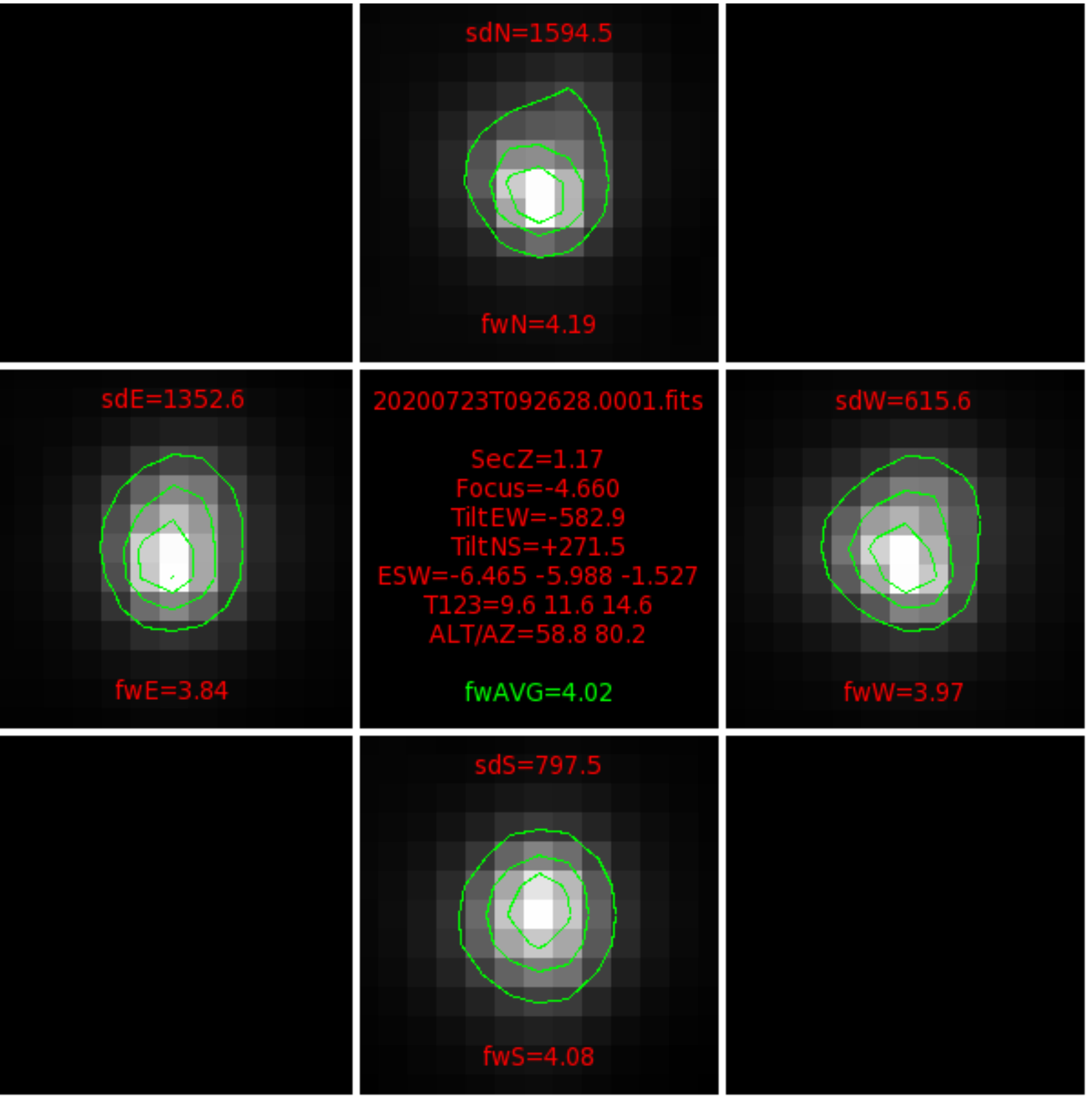
sdN=1594.5
fwN=4.19
sdE=1352.6
fwE=3.84
20200723T092628.0001.fits
SecZ=1.17
Focus=-4.660
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.465 -5.988 -1.527
T123=9.6 11.6 14.6
ALT/AZ=58.8 80.2
fwAVG=4.02
sdW=615.6
fwW=3.97
sdS=797.5
fwS=4.08
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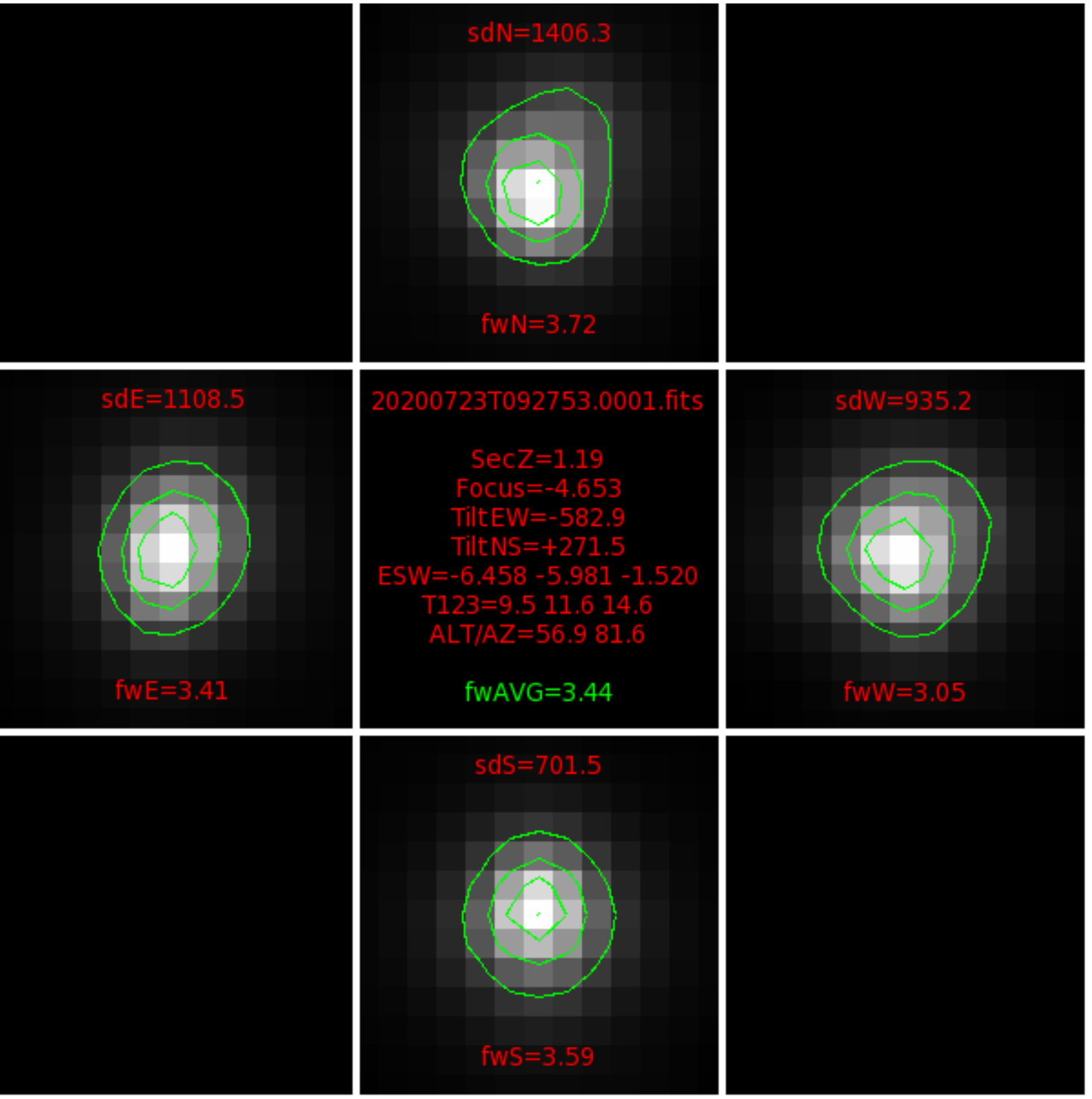
sdN=1406.3
fwN=3.72
sdE=1108.5
fwE=3.41
20200723T092753.0001.fits
SecZ=1.19
Focus=-4.653
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.458 -5.981 -1.520
T123=9.5 11.6 14.6
ALT/AZ=56.9 81.6
fwAVG=3.44
sdW=935.2
fwW=3.05
sdS=701.5
fwS=3.59
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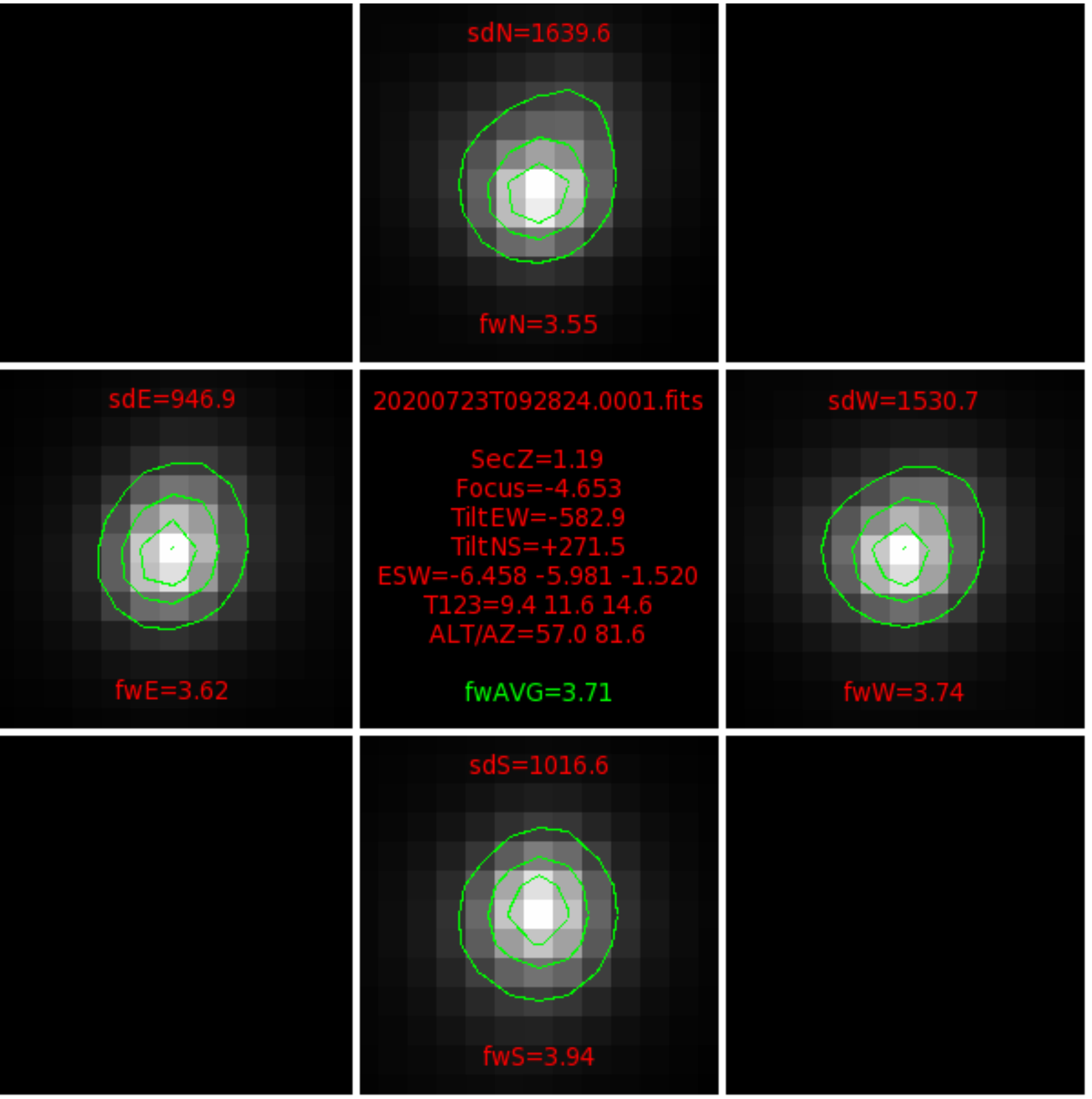
sdN=1639.6
fwN=3.55
sdE=946.9
fwE=3.62
20200723T092824.0001.fits
SecZ=1.19
Focus=-4.653
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.458 -5.981 -1.520
T123=9.4 11.6 14.6
ALT/AZ=57.0 81.6
fwAVG=3.71
sdW=1530.7
fwW=3.74
sdS=1016.6
fwS=3.94
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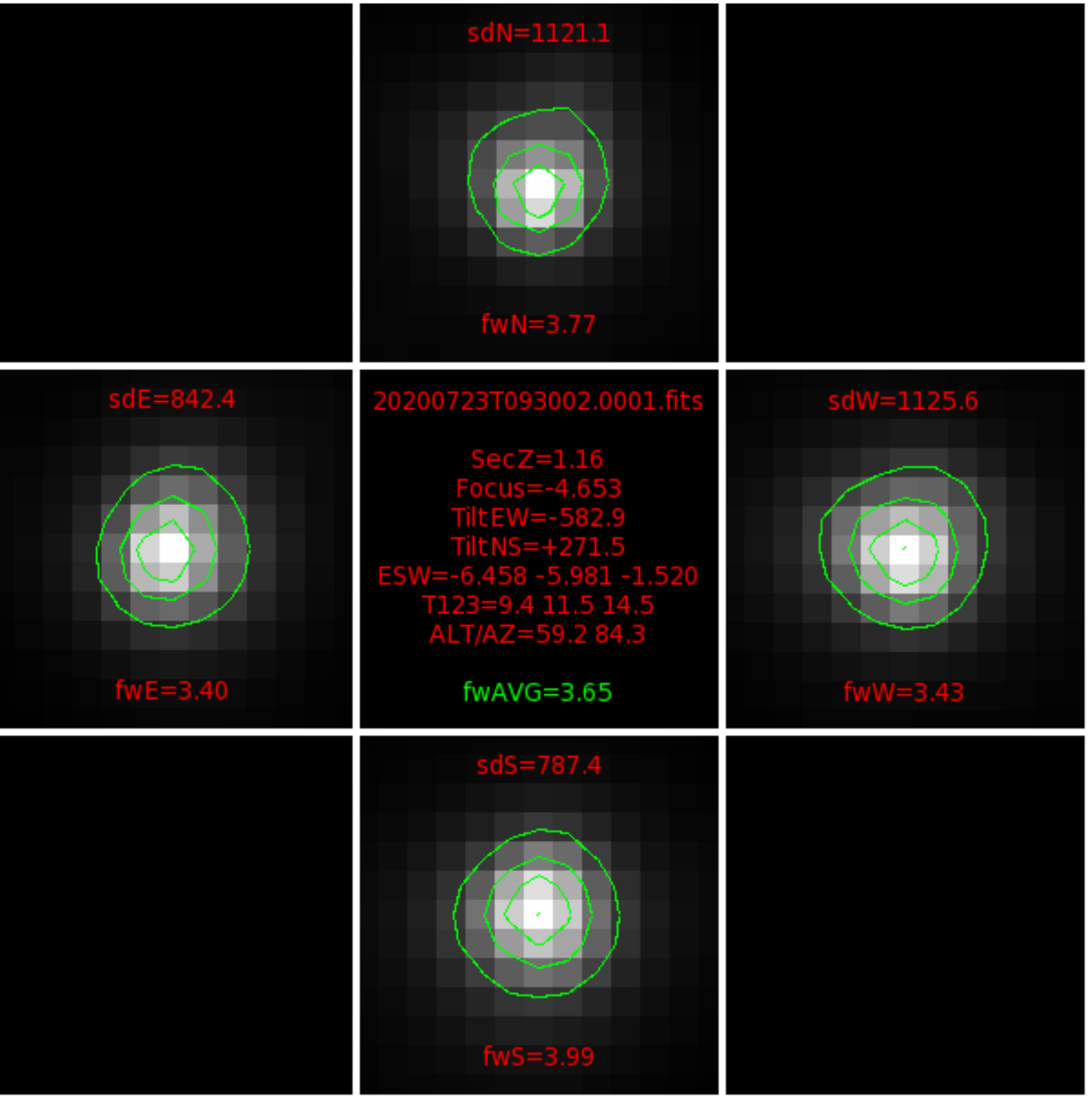
sdN=1121.1
fwN=3.77
sdE=842.4
fwE=3.40
20200723T093002.0001.fits
SecZ=1.16
Focus=-4.653
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.458 -5.981 -1.520
T123=9.4 11.5 14.5
ALT/AZ=59.2 84.3
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sdW=1125.6
fwW=3.43
sdS=787.4
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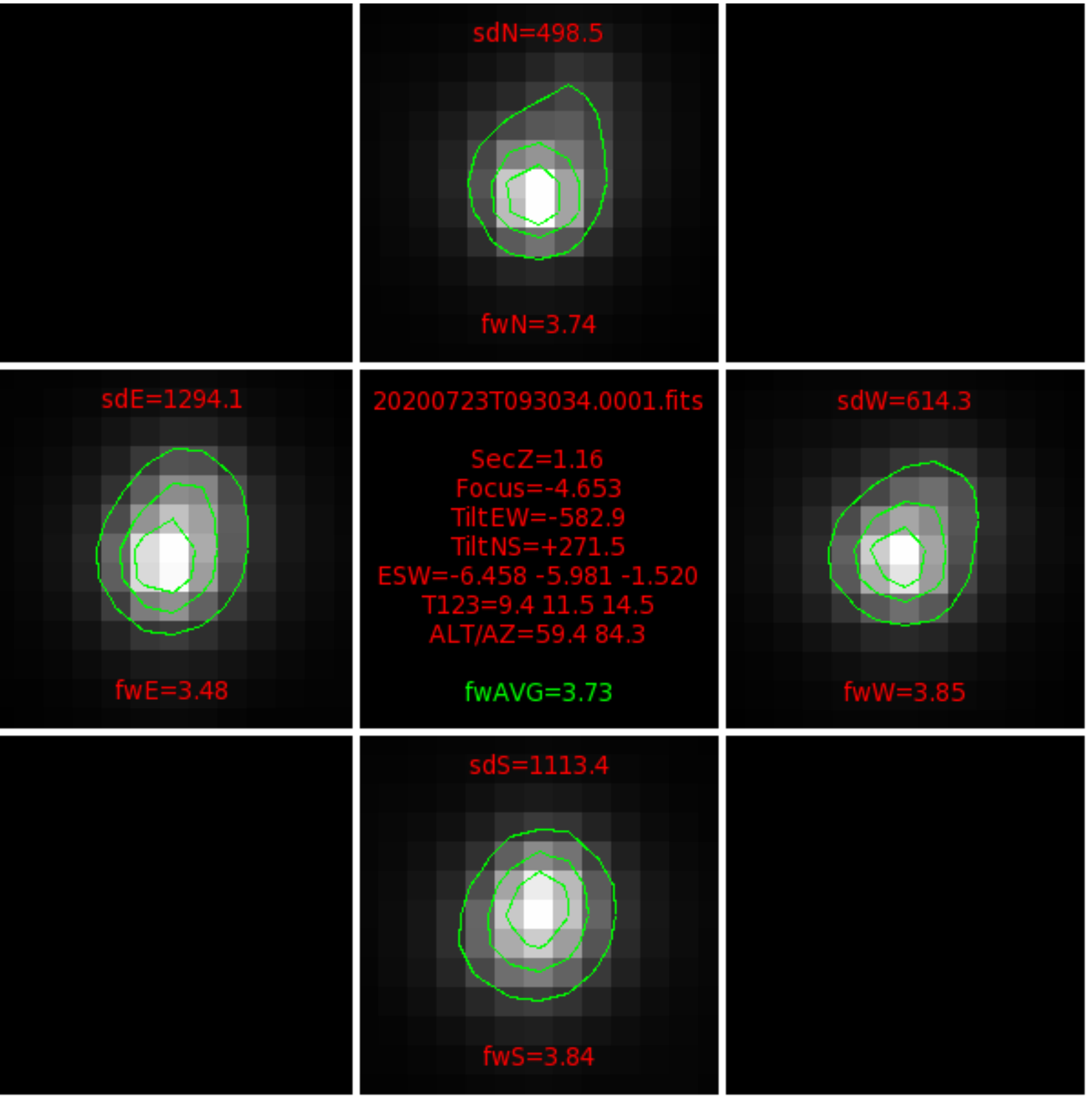
sdN=498.5
fwN=3.74
sdE=1294.1
fwE=3.48
20200723T093034.0001.fits
SecZ=1.16
Focus=-4.653
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.458 -5.981 -1.520
T123=9.4 11.5 14.5
ALT/AZ=59.4 84.3
fwAVG=3.73
sdW=614.3
fwW=3.85
sdS=1113.4
fwS=3.84
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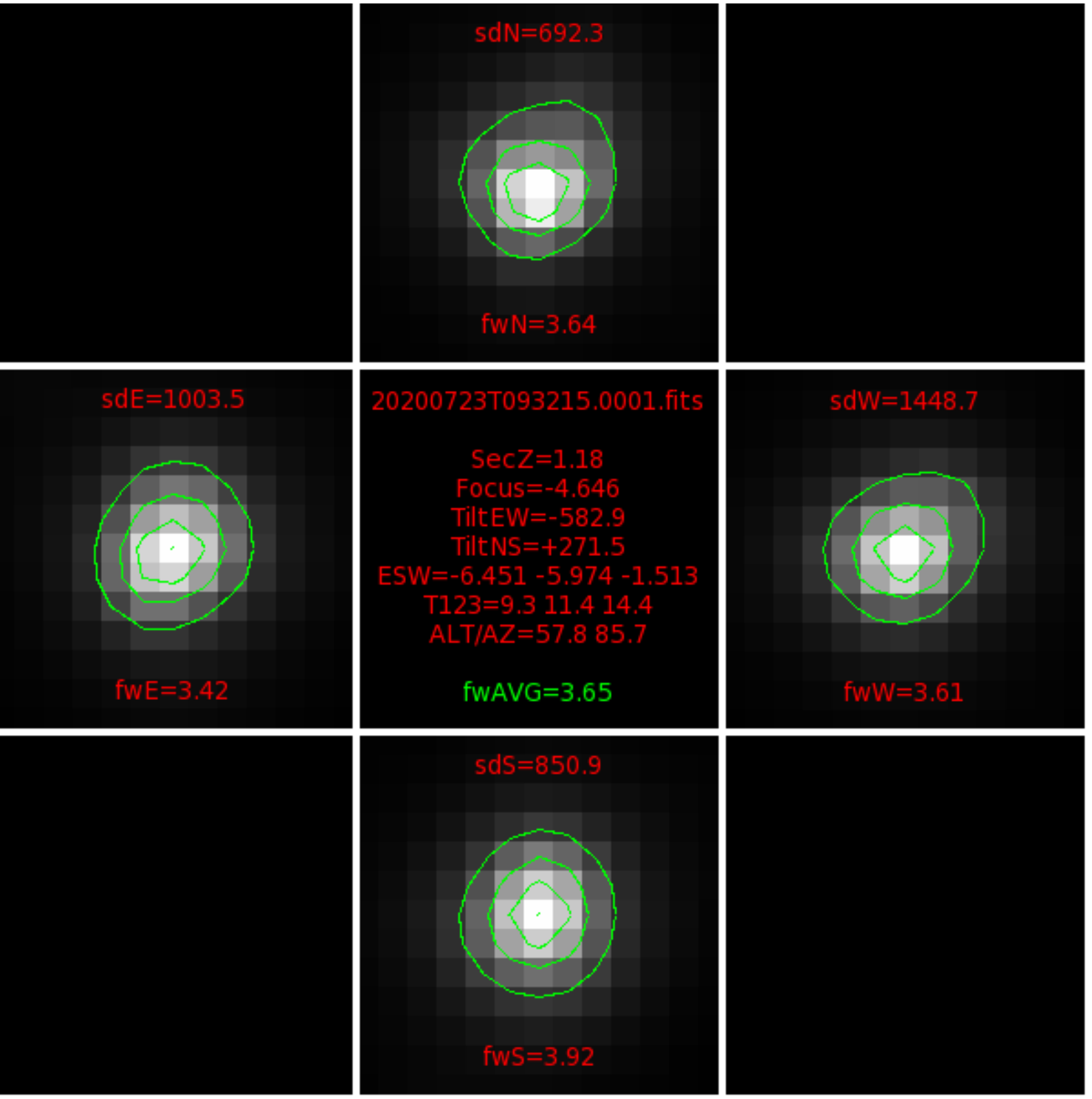
sdN=692.3
fwN=3.64
sdE=1003.5
fwE=3.42
20200723T093215.0001.fits
SecZ=1.18
Focus=-4.646
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.451 -5.974 -1.513
T123=9.3 11.4 14.4
ALT/AZ=57.8 85.7
fwAVG=3.65
sdW=1448.7
fwW=3.61
sdS=850.9
fwS=3.92
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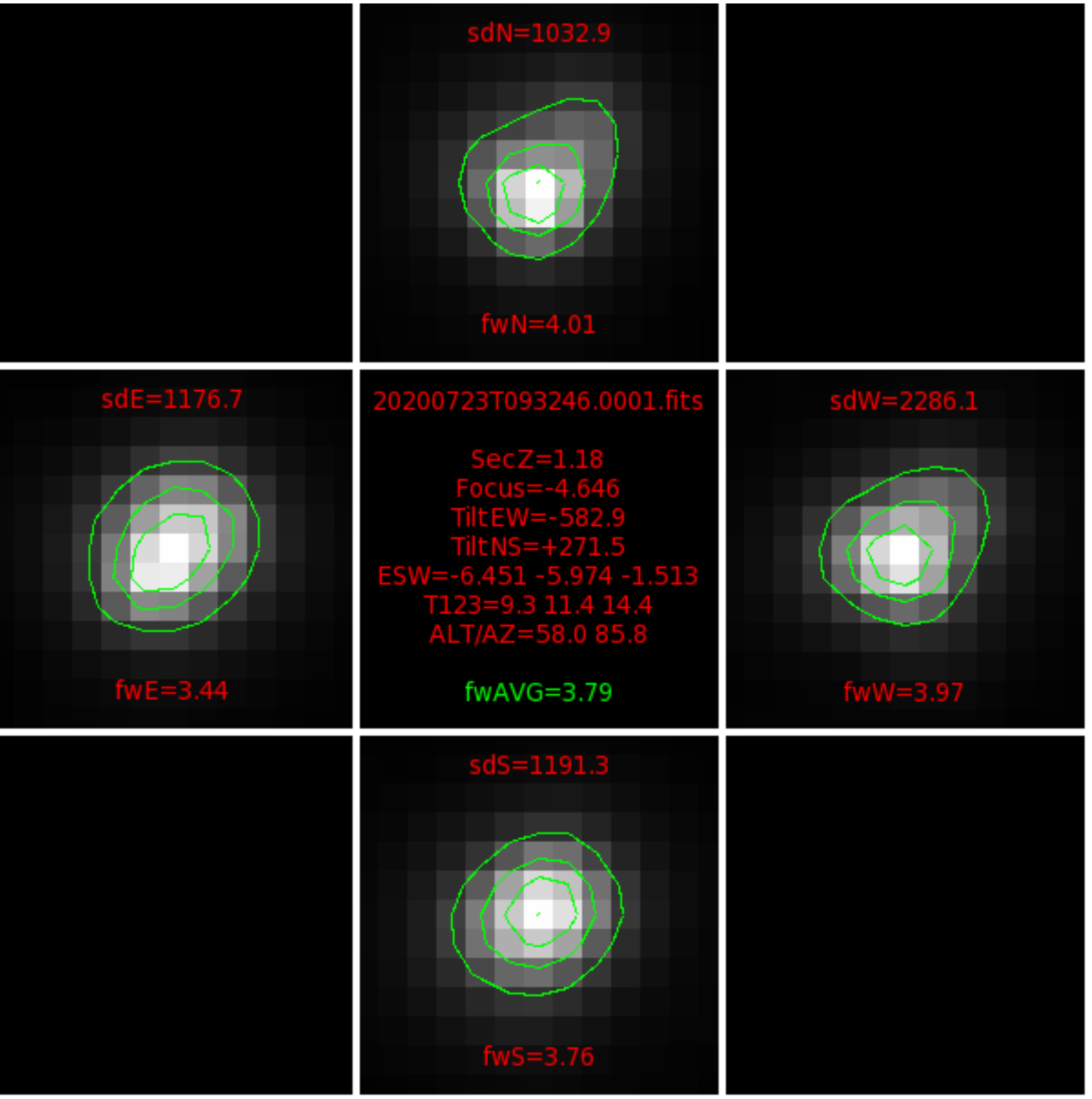
sdN=1032.9
fwN=4.01
sdE=1176.7
fwE=3.44
20200723T093246.0001.fits
SecZ=1.18
Focus=-4.646
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.451 -5.974 -1.513
T123=9.3 11.4 14.4
ALT/AZ=58.0 85.8
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sdW=2286.1
fwW=3.97
sdS=1191.3
fwS=3.76
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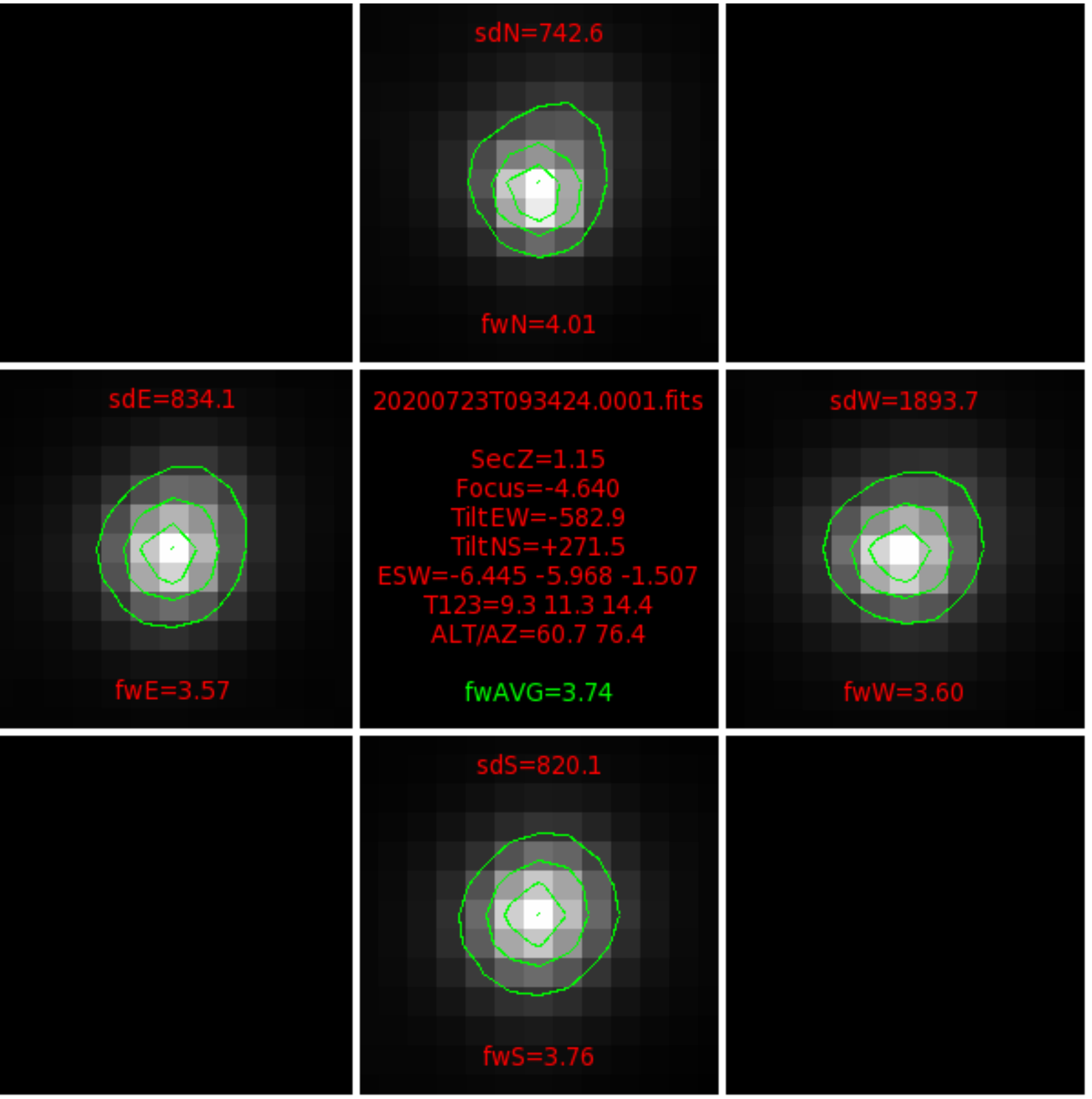
sdN=742.6
fwN=4.01
sdE=834.1
fwE=3.57
20200723T093424.0001.fits
SecZ=1.15
Focus=-4.640
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.445 -5.968 -1.507
T123=9.3 11.3 14.4
ALT/AZ=60.7 76.4
fwAVG=3.74
sdW=1893.7
fwW=3.60
sdS=820.1
fwS=3.76
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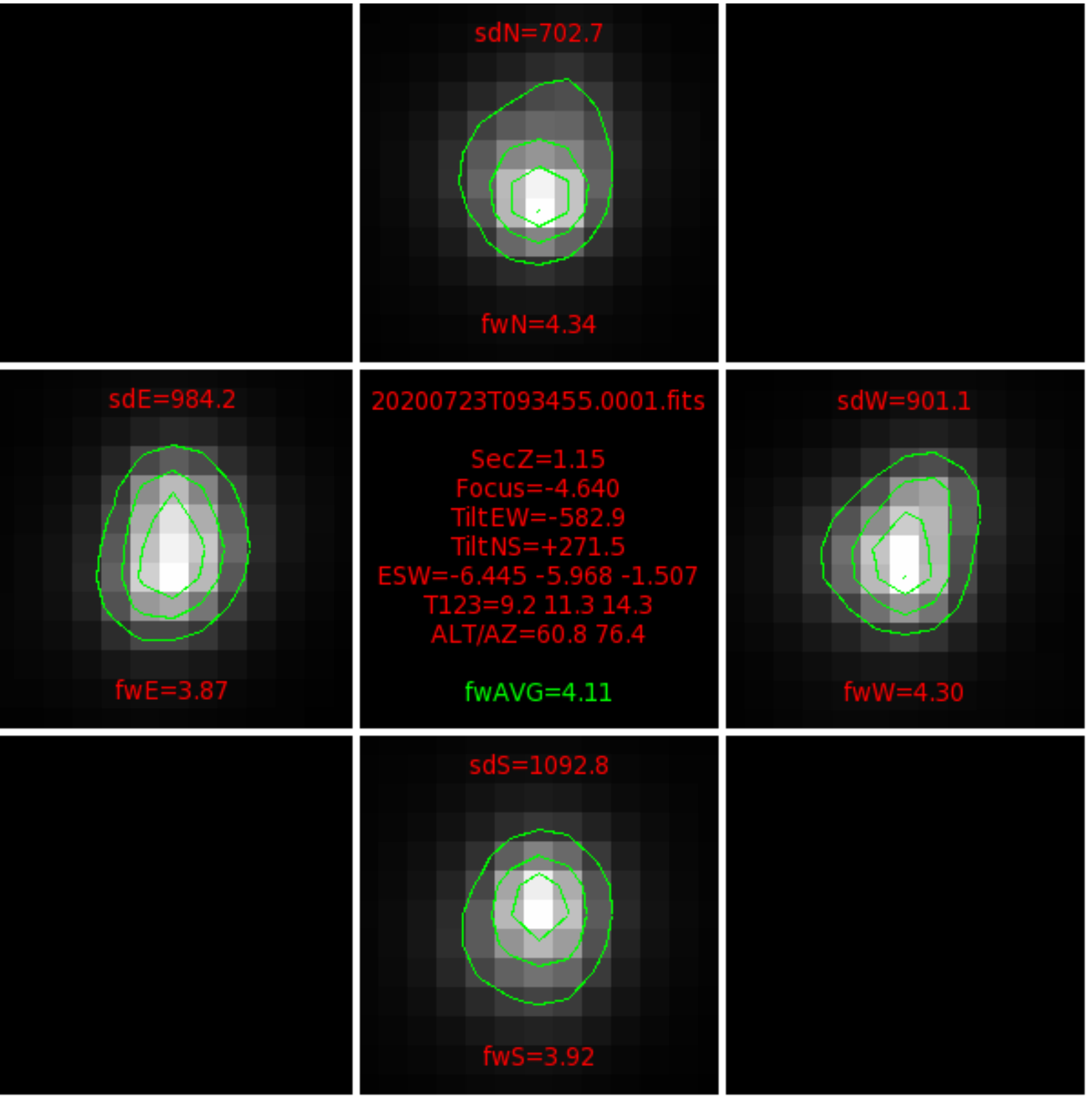
sdN=702.7
fwN=4.34
sdE=984.2
fwE=3.87
20200723T093455.0001.fits
SecZ=1.15
Focus=-4.640
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.445 -5.968 -1.507
T123=9.2 11.3 14.3
ALT/AZ=60.8 76.4
fwAVG=4.11
sdW=901.1
fwW=4.30
sdS=1092.8
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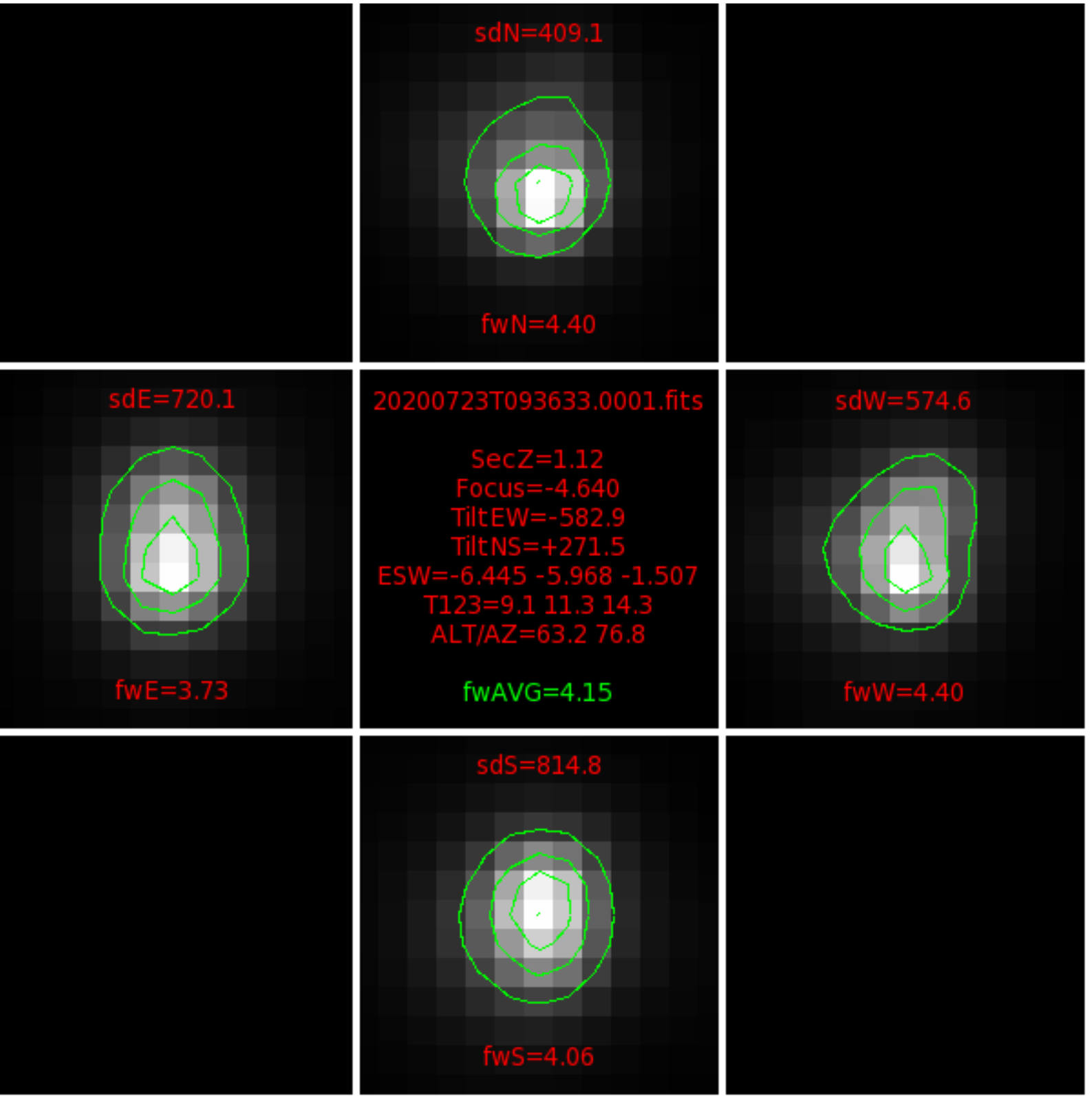
sdN=409.1
fwN=4.40
sdE=720.1
fwE=3.73
20200723T093633.0001.fits
SecZ=1.12
Focus=-4.640
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.445 -5.968 -1.507
T123=9.1 11.3 14.3
ALT/AZ=63.2 76.8
fwAVG=4.15
sdW=574.6
fwW=4.40
sdS=814.8
fwS=4.06
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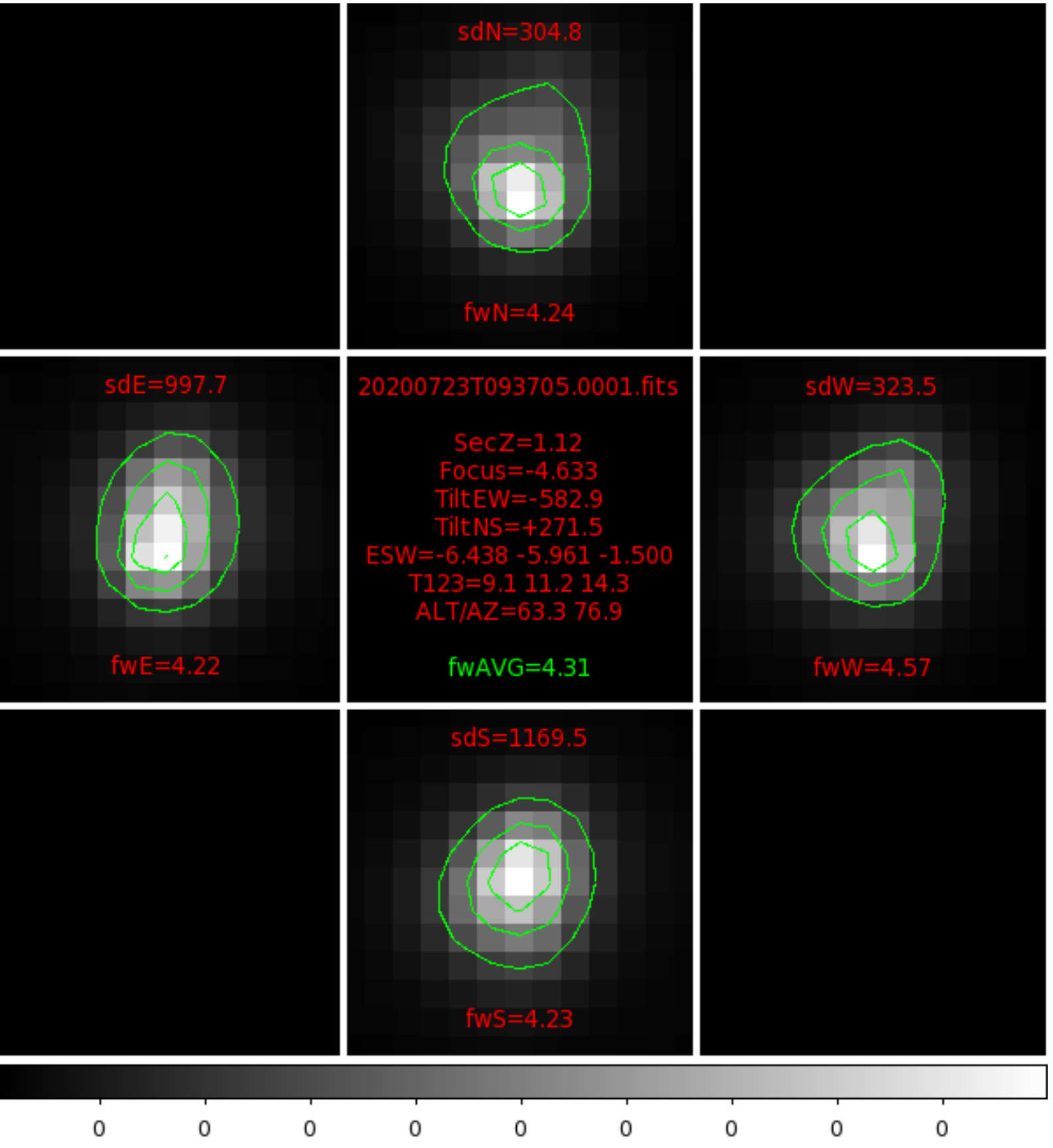
sdN=304.8
fwN=4.24
sdE=997.7
fwE=4.22
20200723T093705.0001.fits
SecZ=1.12
Focus=-4.633
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.438 -5.961 -1.500
T123=9.1 11.2 14.3
ALT/AZ=63.3 76.9
fwAVG=4.31
sdW=323.5
fwW=4.57
sdS=1169.5
fwS=4.23
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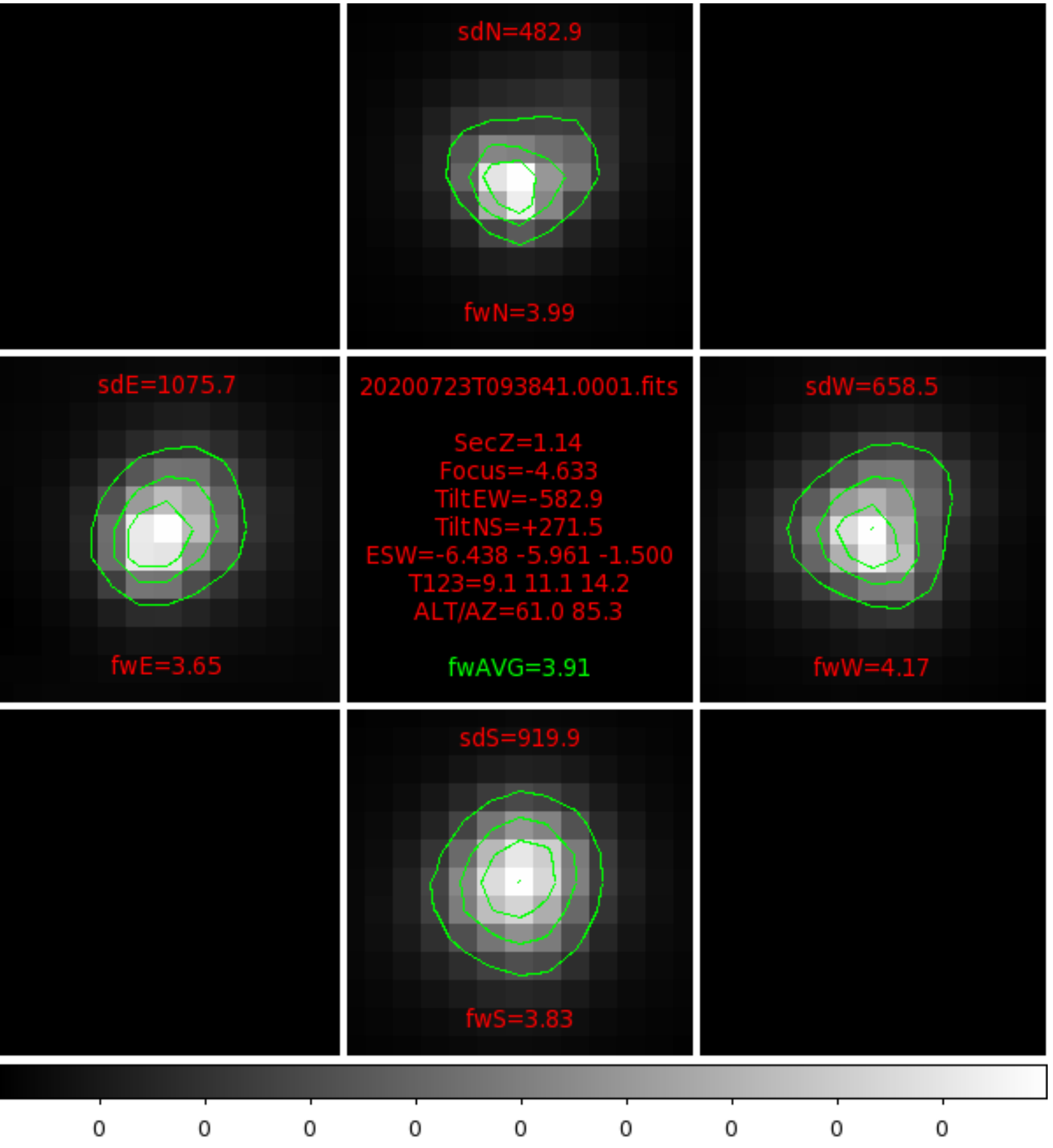
sdN=482.9
fwN=3.99
sdE=1075.7
fwE=3.65
20200723T093841.0001.fits
SecZ=1.14
Focus=-4.633
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.438 -5.961 -1.500
T123=9.1 11.1 14.2
ALT/AZ=61.0 85.3
fwAVG=3.91
sdW=658.5
fwW=4.17
sdS=919.9
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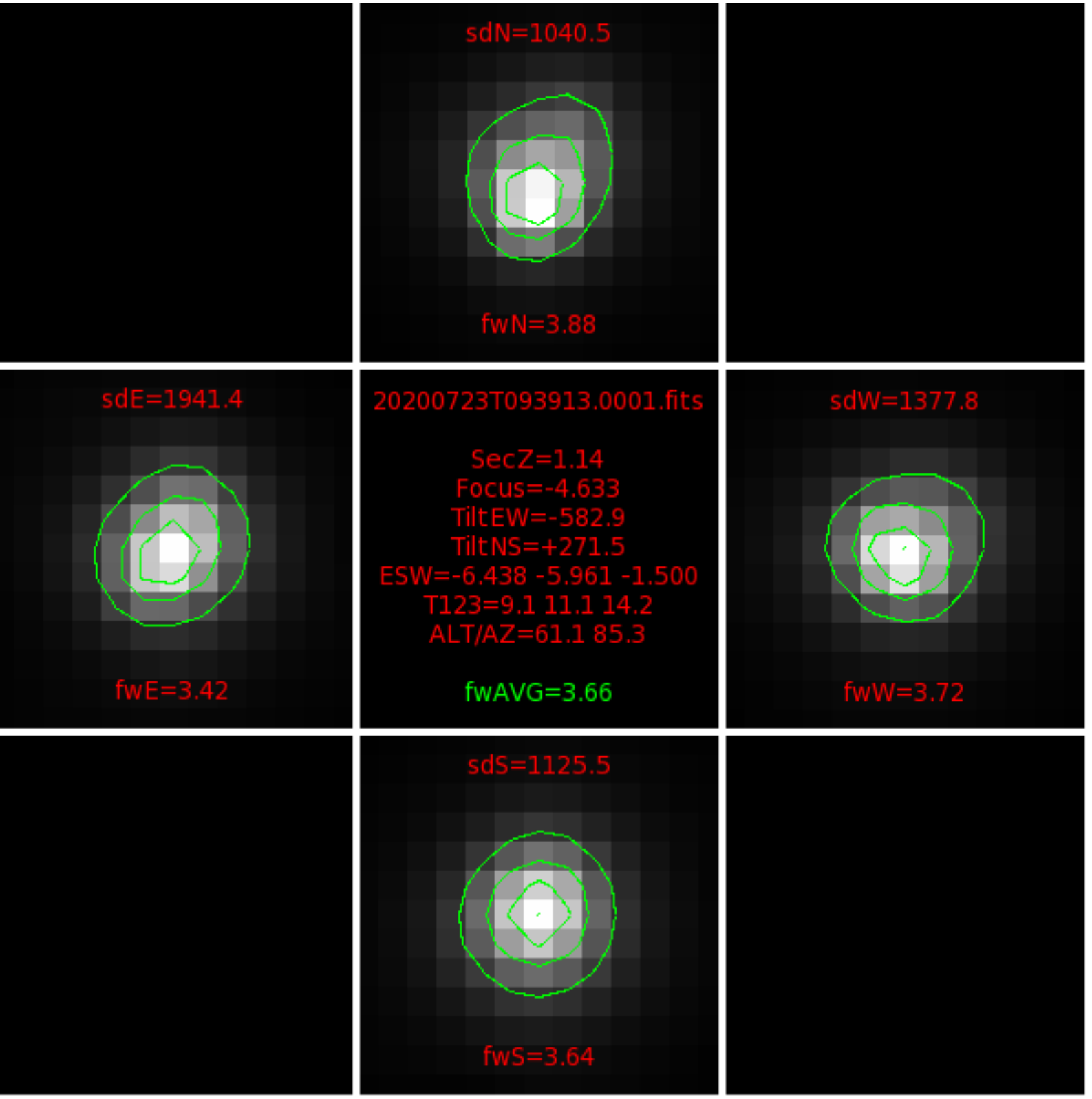
sdN=1040.5
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sdE=1941.4
fwE=3.42
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SecZ=1.14
Focus=-4.633
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.438 -5.961 -1.500
T123=9.1 11.1 14.2
ALT/AZ=61.1 85.3
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sdW=1377.8
fwW=3.72
sdS=1125.5
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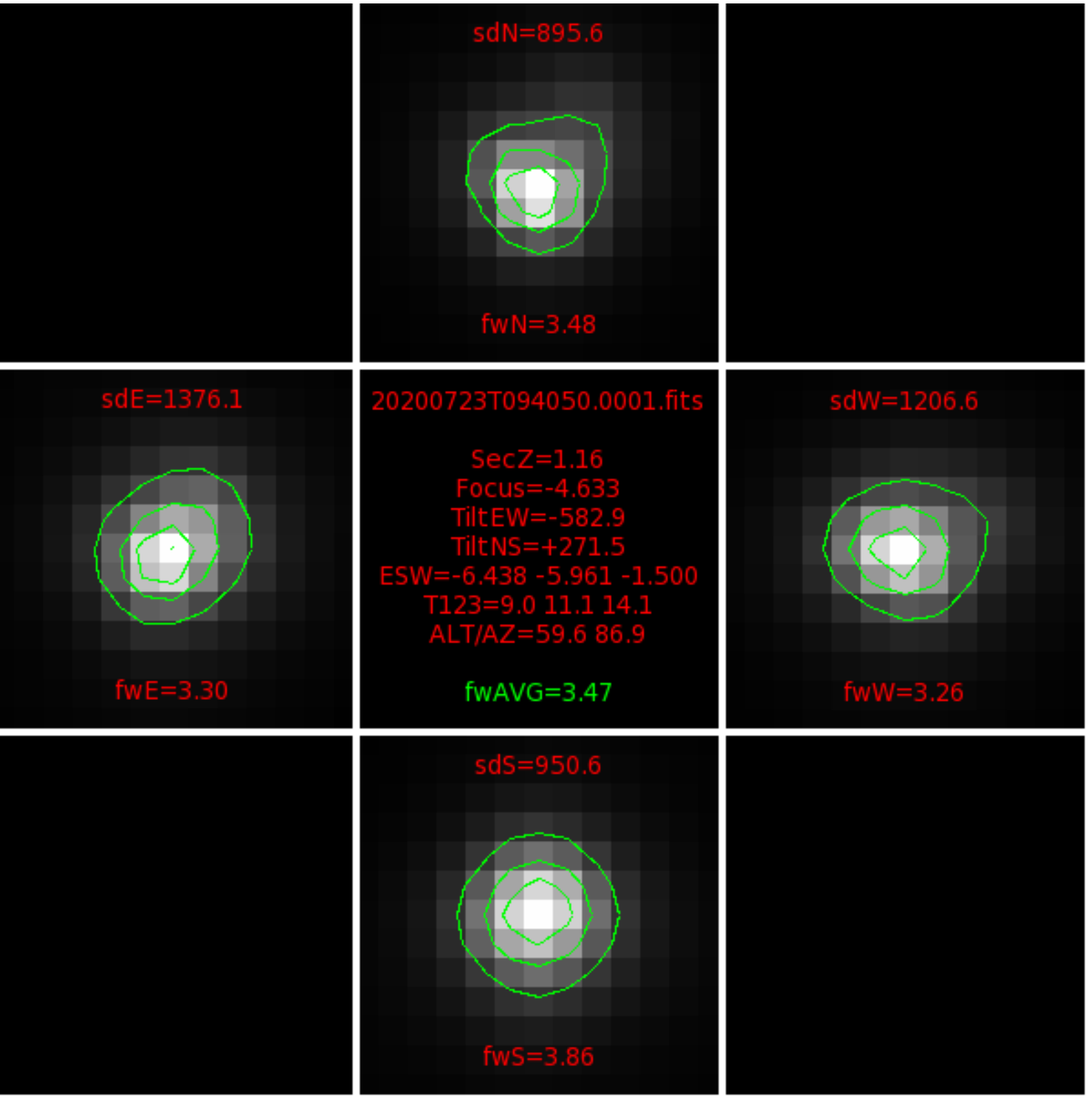
sdN=895.6
fwN=3.48
sdE=1376.1
fwE=3.30
20200723T094050.0001.fits
SecZ=1.16
Focus=-4.633
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.438 -5.961 -1.500
T123=9.0 11.1 14.1
ALT/AZ=59.6 86.9
fwAVG=3.47
sdW=1206.6
fwW=3.26
sdS=950.6
fwS=3.86
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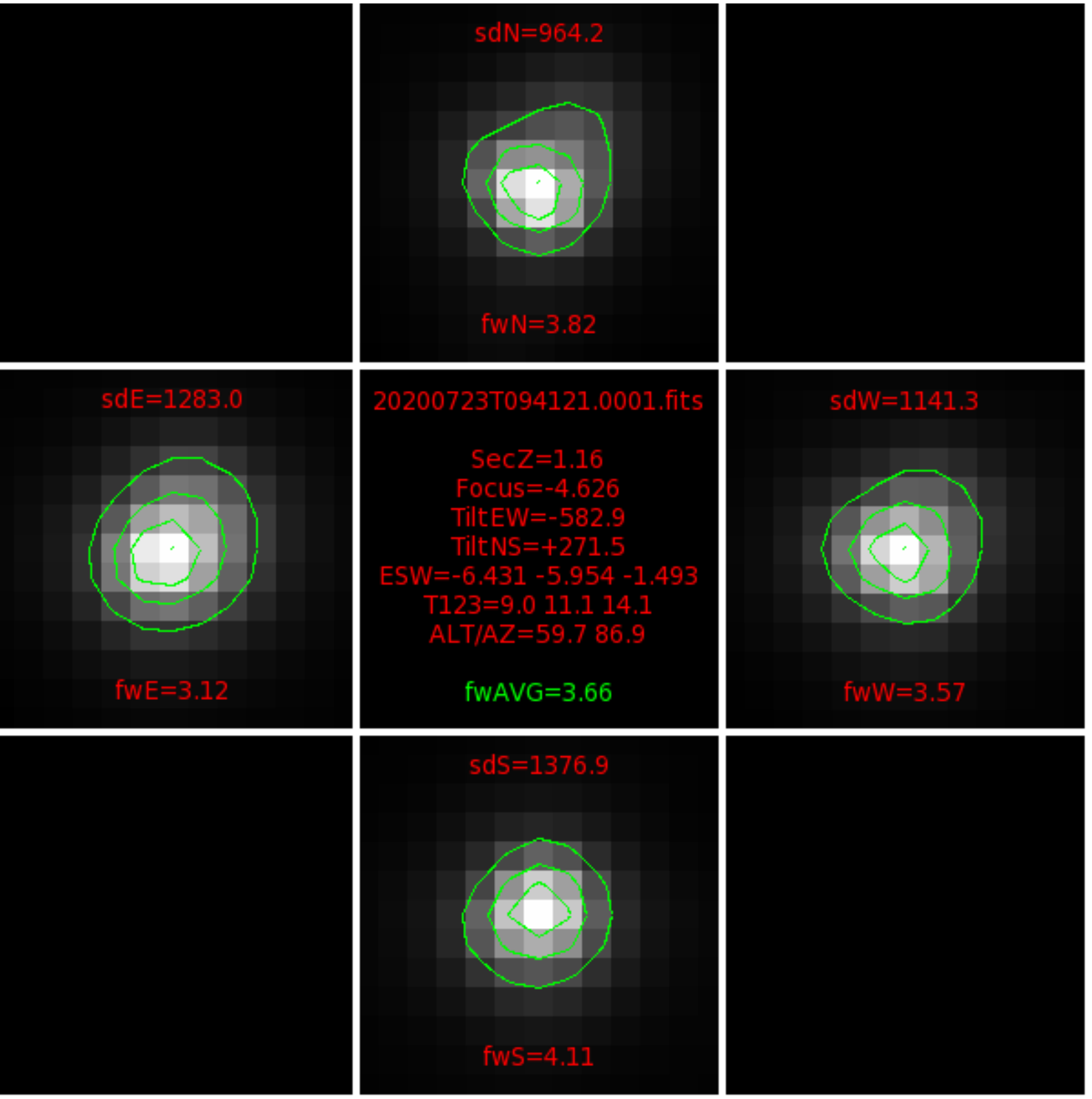
sdN=964.2
fwN=3.82
sdE=1283.0
fwE=3.12
20200723T094121.0001.fits
SecZ=1.16
Focus=-4.626
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.431 -5.954 -1.493
T123=9.0 11.1 14.1
ALT/AZ=59.7 86.9
fwAVG=3.66
sdW=1141.3
fwW=3.57
sdS=1376.9
fwS=4.11
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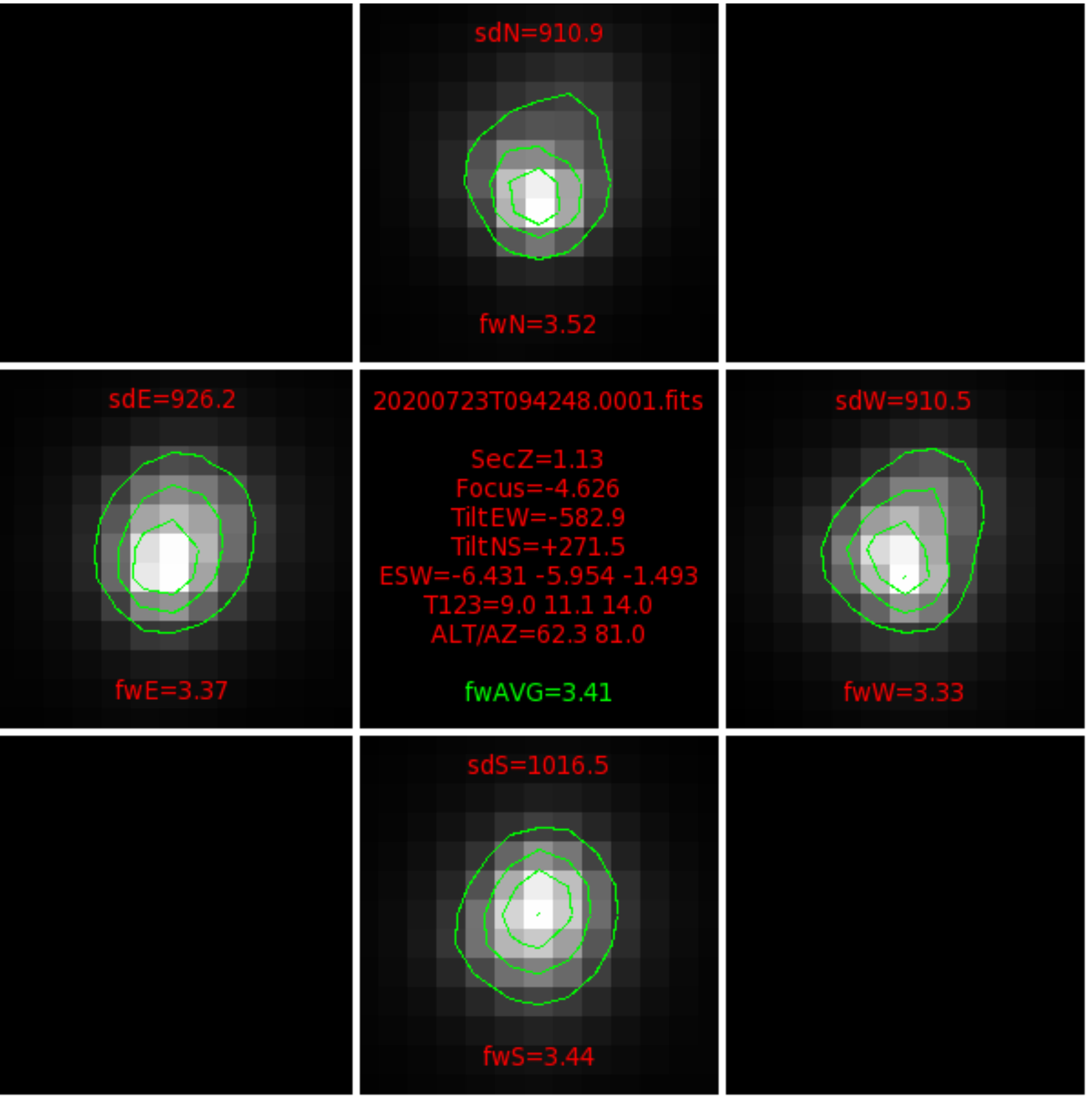
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fwN=3.52
sdE=926.2
fwE=3.37
20200723T094248.0001.fits
SecZ=1.13
Focus=-4.626
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.431 -5.954 -1.493
T123=9.0 11.1 14.0
ALT/AZ=62.3 81.0
fwAVG=3.41
sdW=910.5
fwW=3.33
sdS=1016.5
fwS=3.44
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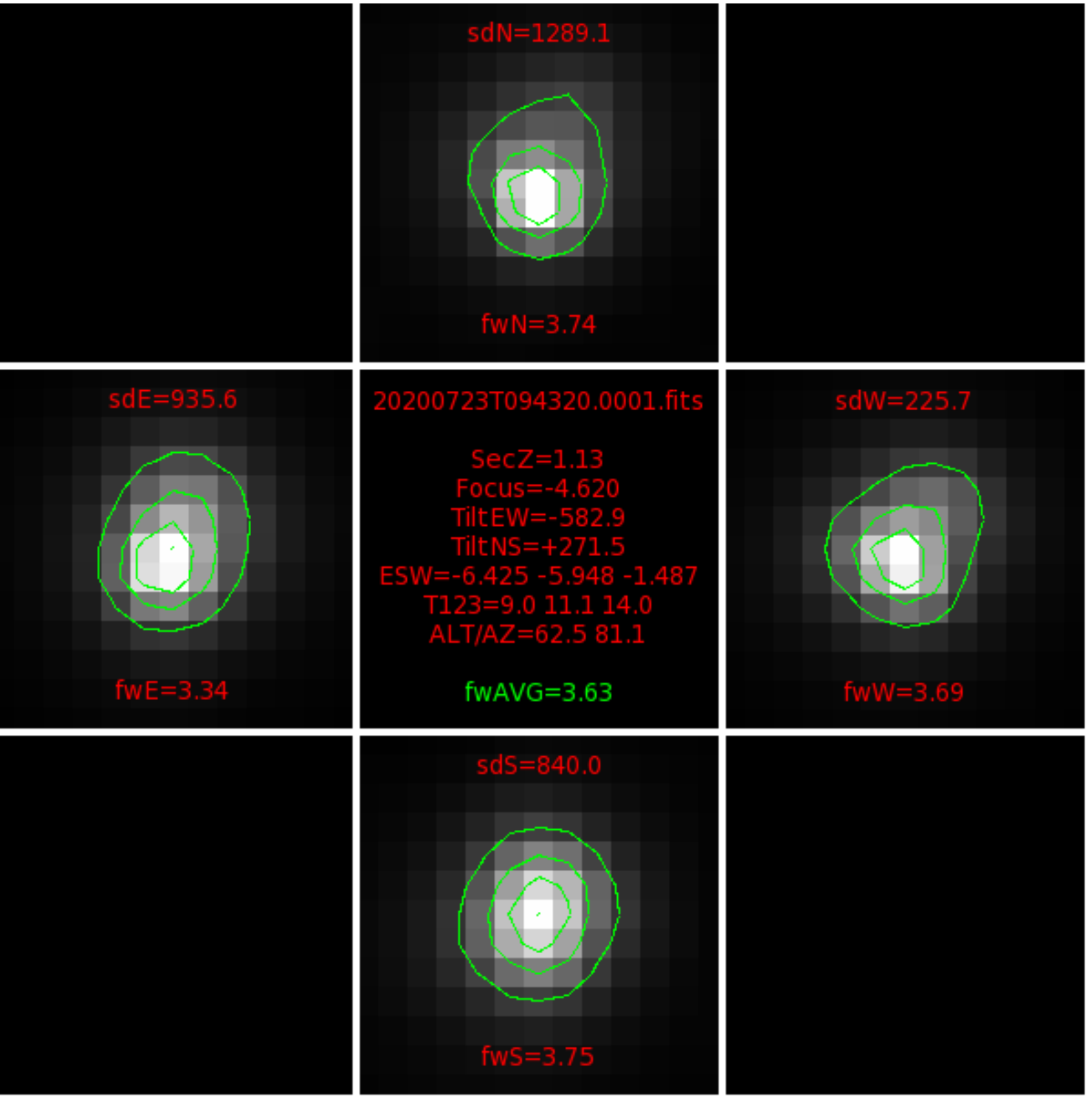
sdN=1289.1
fwN=3.74
sdE=935.6
fwE=3.34
20200723T094320.0001.fits
SecZ=1.13
Focus=-4.620
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.425 -5.948 -1.487
T123=9.0 11.1 14.0
ALT/AZ=62.5 81.1
fwAVG=3.63
sdW=225.7
fwW=3.69
sdS=840.0
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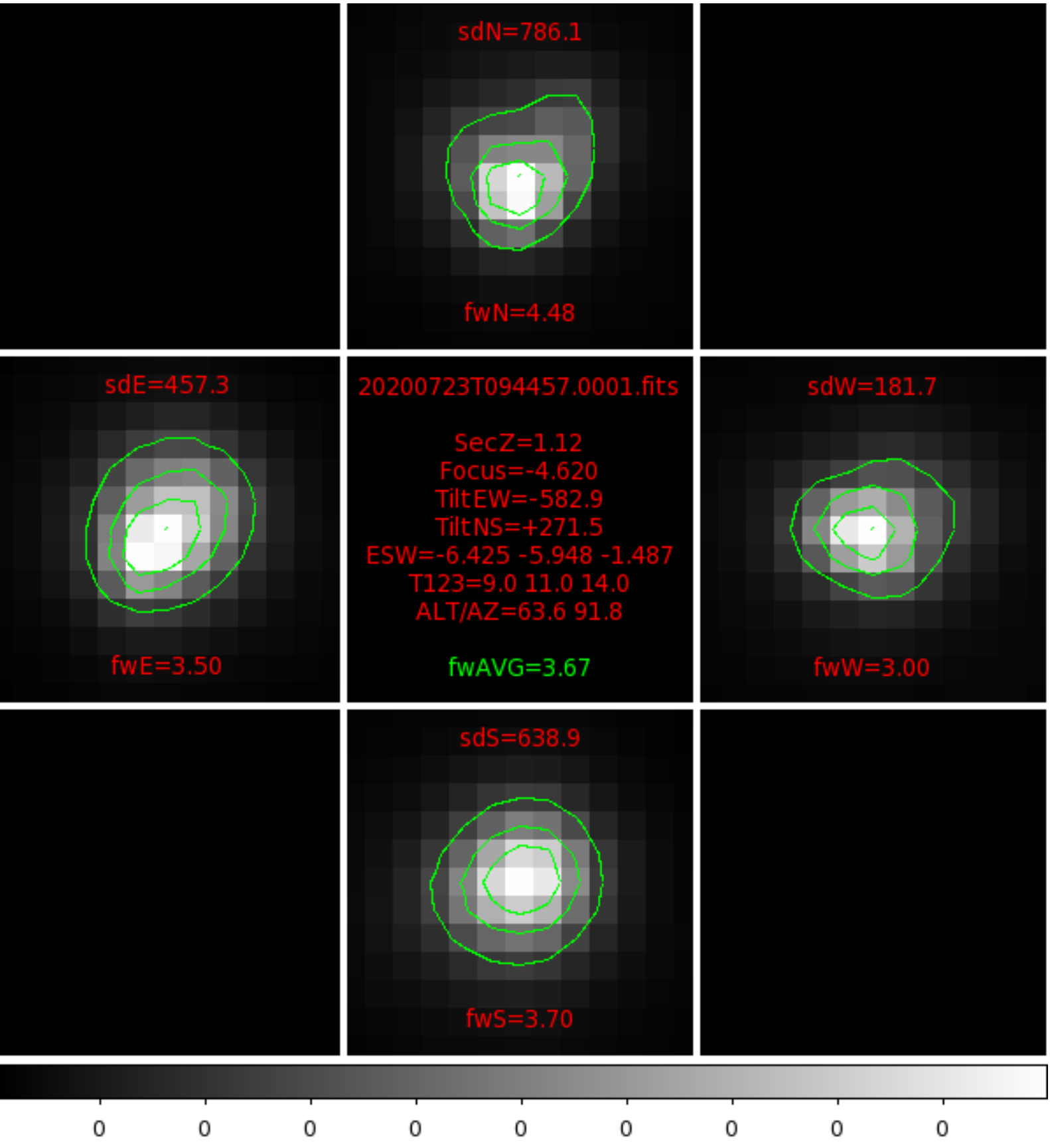
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fwN=4.48
sdE=457.3
fwE=3.50
20200723T094457.0001.fits
SecZ=1.12
Focus=-4.620
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.425 -5.948 -1.487
T123=9.0 11.0 14.0
ALT/AZ=63.6 91.8
fwAVG=3.67
sdW=181.7
fwW=3.00
sdS=638.9
fwS=3.70
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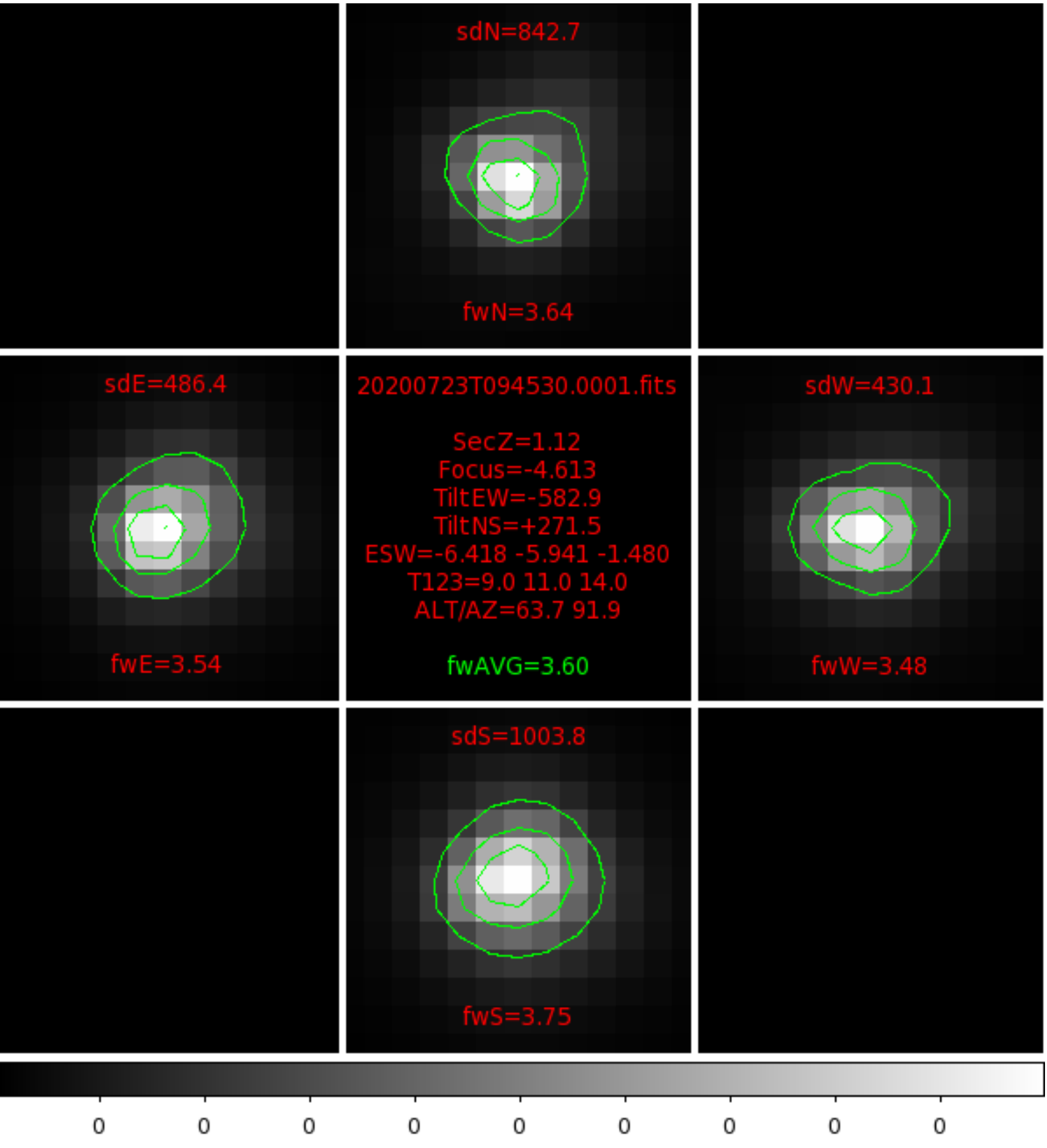
sdN=842.7
fwN=3.64
sdE=486.4
fwE=3.54
20200723T094530.0001.fits
SecZ=1.12
Focus=-4.613
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.418 -5.941 -1.480
T123=9.0 11.0 14.0
ALT/AZ=63.7 91.9
fwAVG=3.60
sdW=430.1
fwW=3.48
sdS=1003.8
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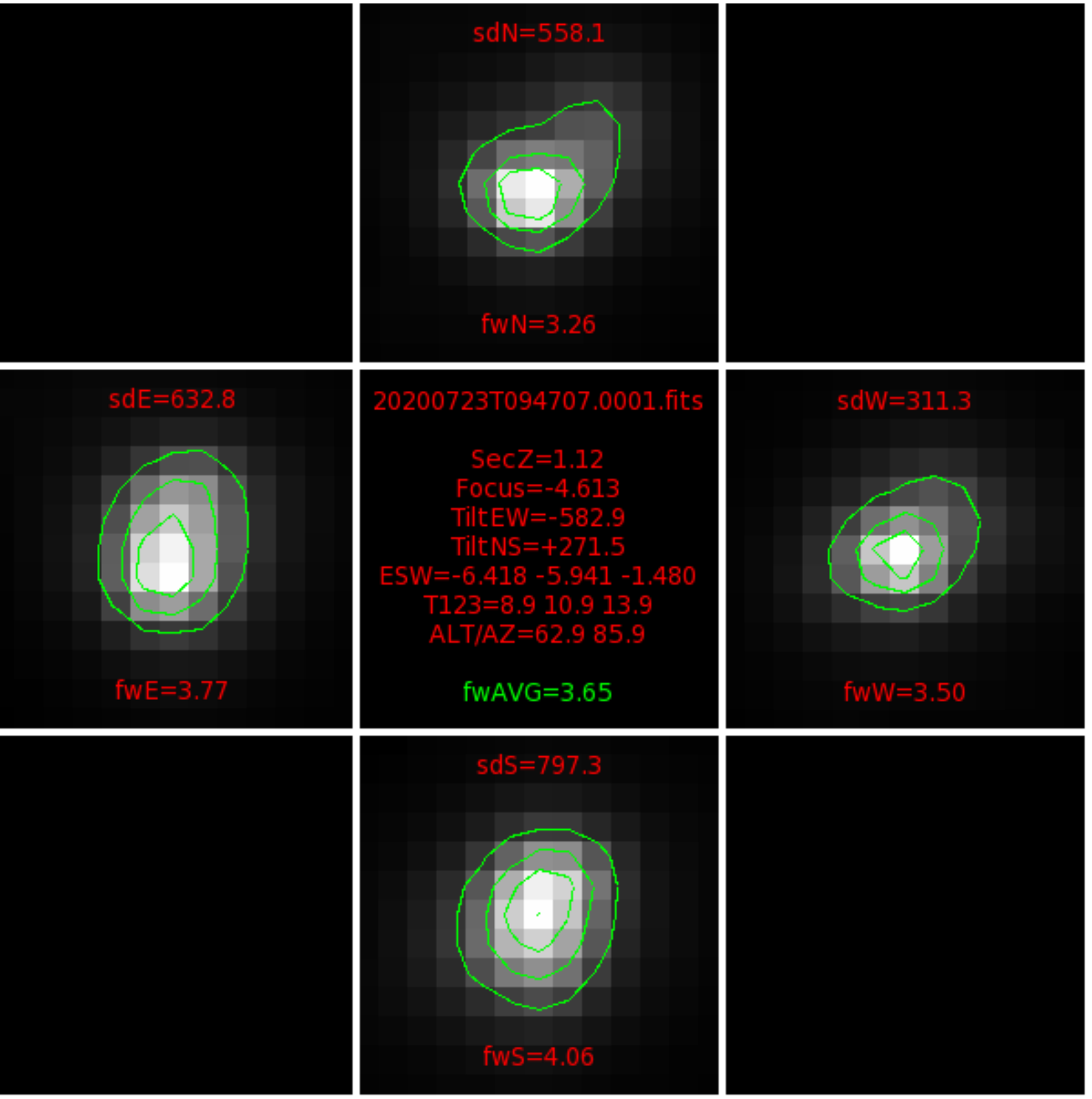
sdN=558.1
fwN=3.26
sdE=632.8
fwE=3.77
20200723T094707.0001.fits
SecZ=1.12
Focus=-4.613
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.418 -5.941 -1.480
T123=8.9 10.9 13.9
ALT/AZ=62.9 85.9
fwAVG=3.65
sdW=311.3
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sdS=797.3
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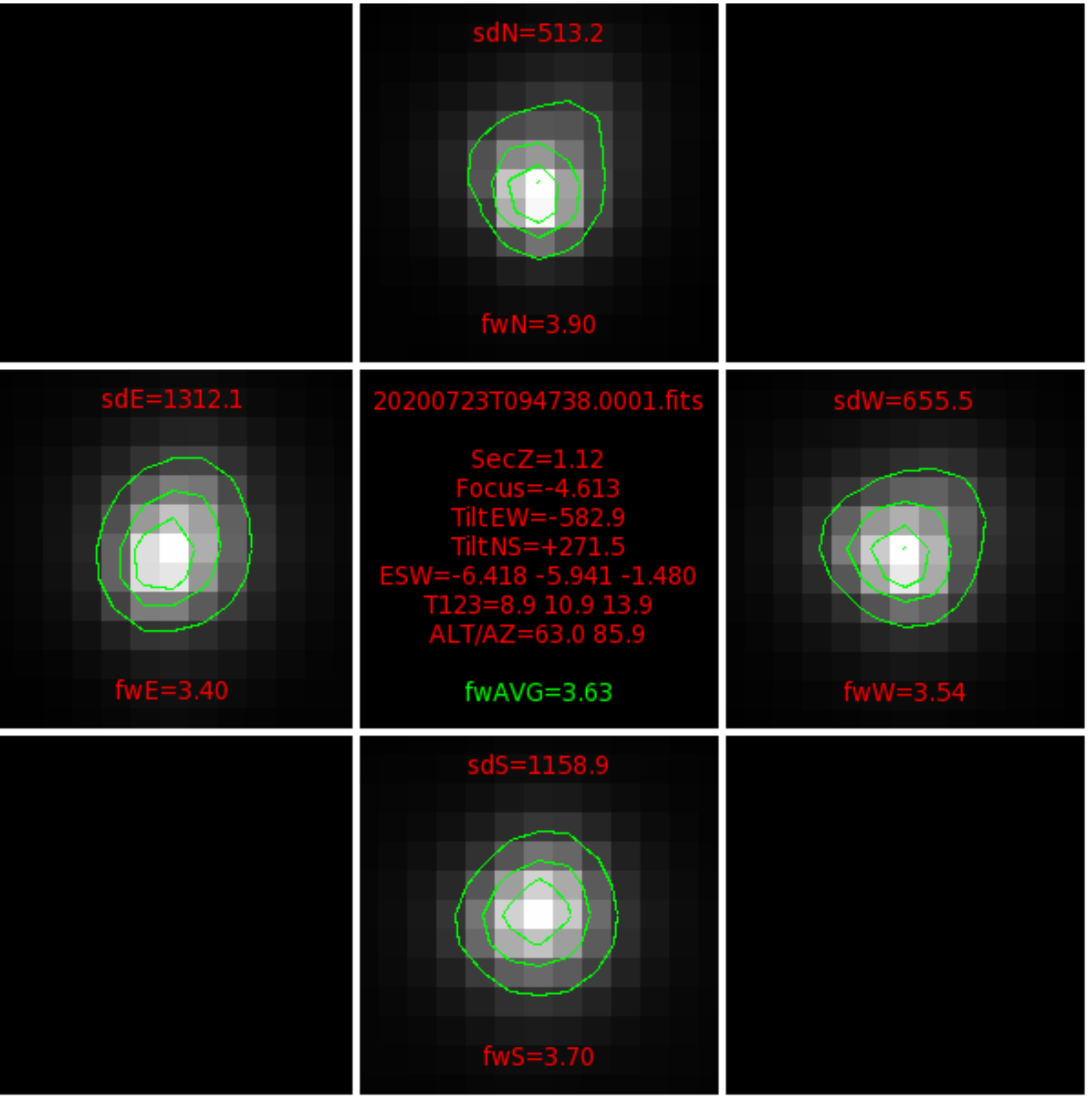
sdN=513.2
fwN=3.90
sdE=1312.1
fwE=3.40
20200723T094738.0001.fits
SecZ=1.12
Focus=-4.613
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.418 -5.941 -1.480
T123=8.9 10.9 13.9
ALT/AZ=63.0 85.9
fwAVG=3.63
sdW=655.5
fwW=3.54
sdS=1158.9
fwS=3.70
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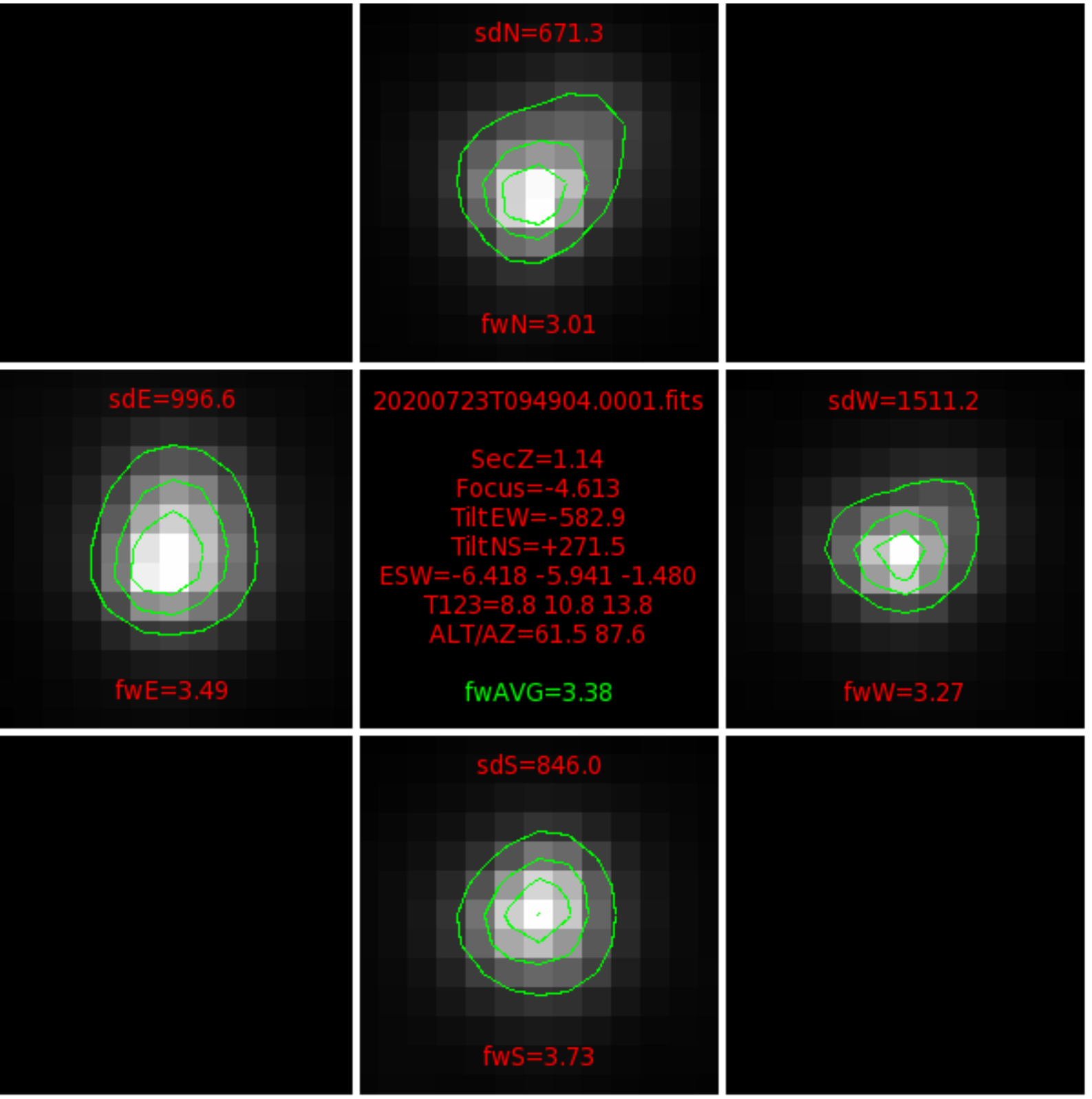
sdN=671.3
fwN=3.01
sdE=996.6
fwE=3.49
20200723T094904.0001.fits
SecZ=1.14
Focus=-4.613
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.418 -5.941 -1.480
T123=8.8 10.8 13.8
ALT/AZ=61.5 87.6
fwAVG=3.38
sdW=1511.2
fwW=3.27
sdS=846.0
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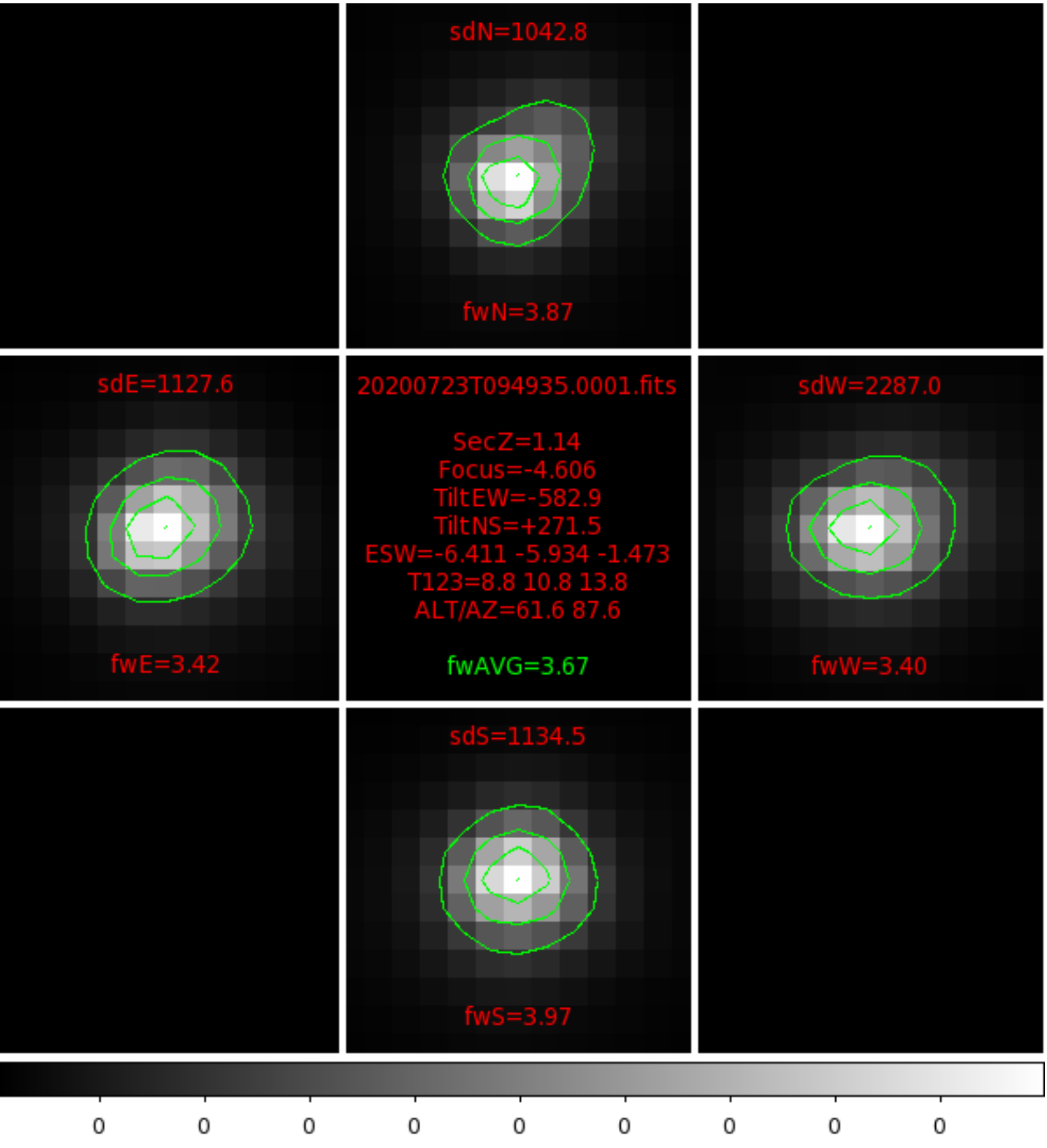
sdN=1042.8
fwN=3.87
sdE=1127.6
fwE=3.42
20200723T094935.0001.fits
SecZ=1.14
Focus=-4.606
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.411 -5.934 -1.473
T123=8.8 10.8 13.8
ALT/AZ=61.6 87.6
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sdW=2287.0
fwW=3.40
sdS=1134.5
fwS=3.97
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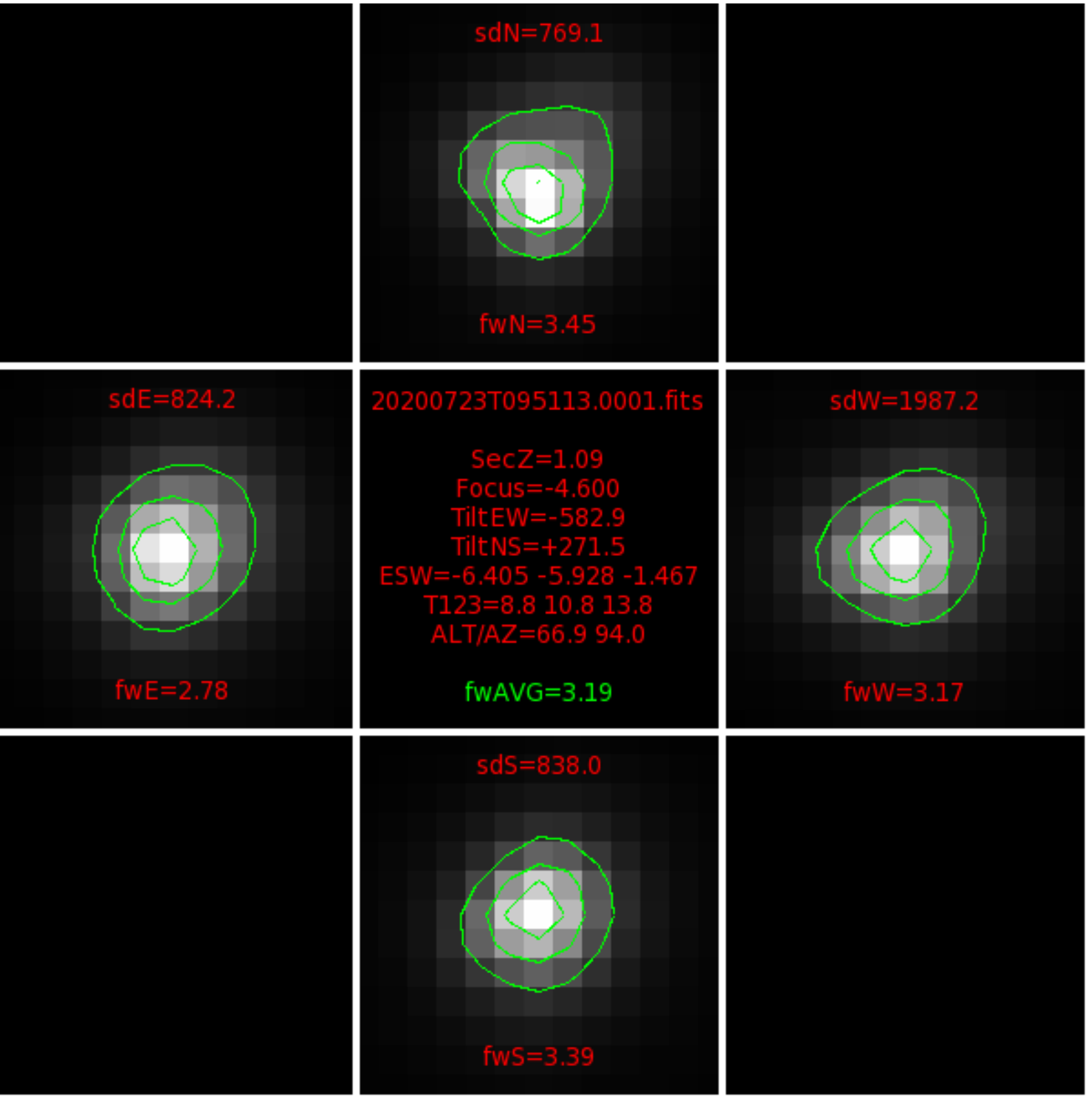
sdN=769.1
fwN=3.45
sdE=824.2
fwE=2.78
20200723T095113.0001.fits
SecZ=1.09
Focus=-4.600
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.405 -5.928 -1.467
T123=8.8 10.8 13.8
ALT/AZ=66.9 94.0
fwAVG=3.19
sdW=1987.2
fwW=3.17
sdS=838.0
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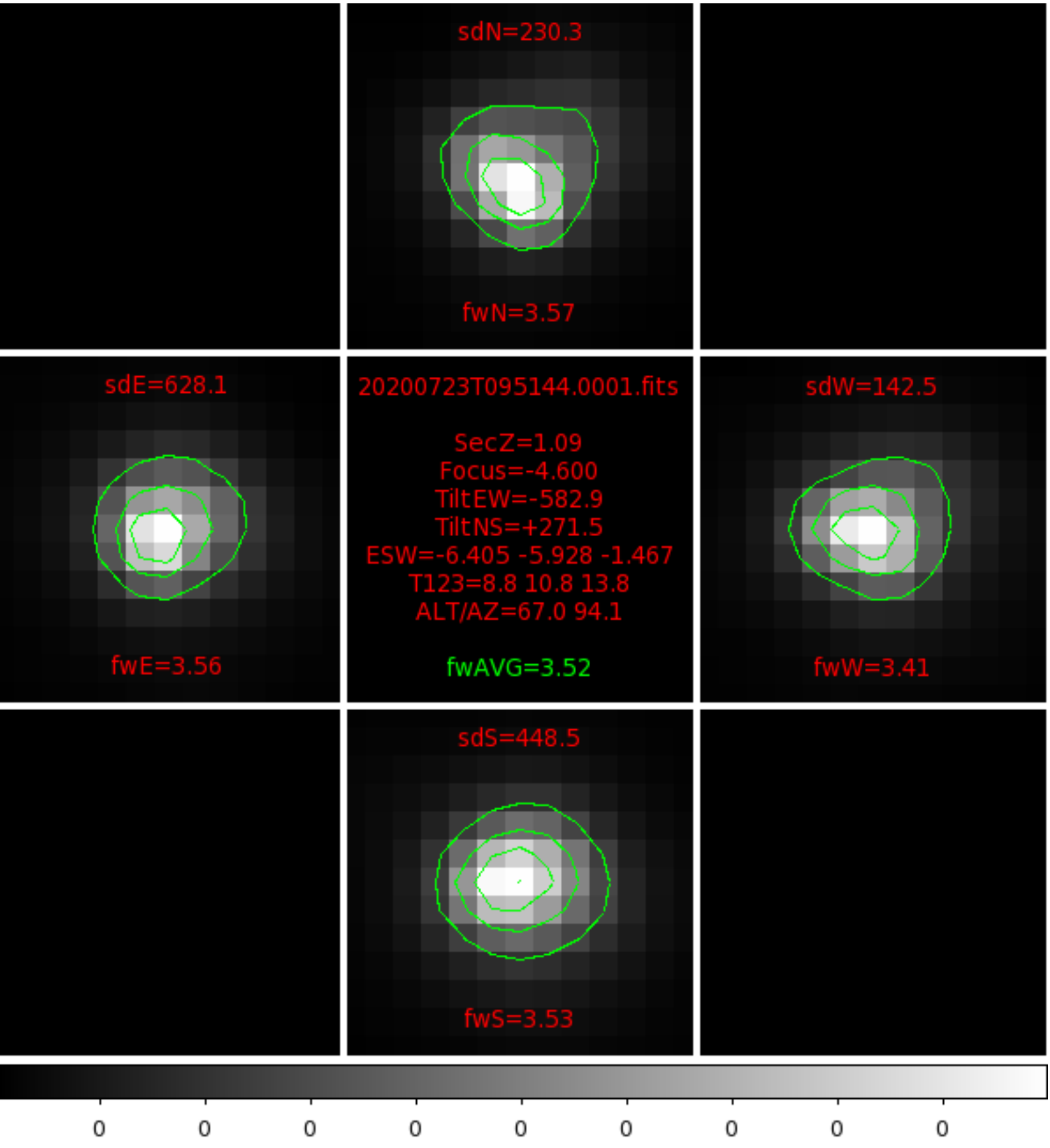
sdN=230.3
fwN=3.57
sdE=628.1
fwE=3.56
20200723T095144.0001.fits
SecZ=1.09
Focus=-4.600
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.405 -5.928 -1.467
T123=8.8 10.8 13.8
ALT/AZ=67.0 94.1
fwAVG=3.52
sdW=142.5
fwW=3.41
sdS=448.5
fwS=3.53
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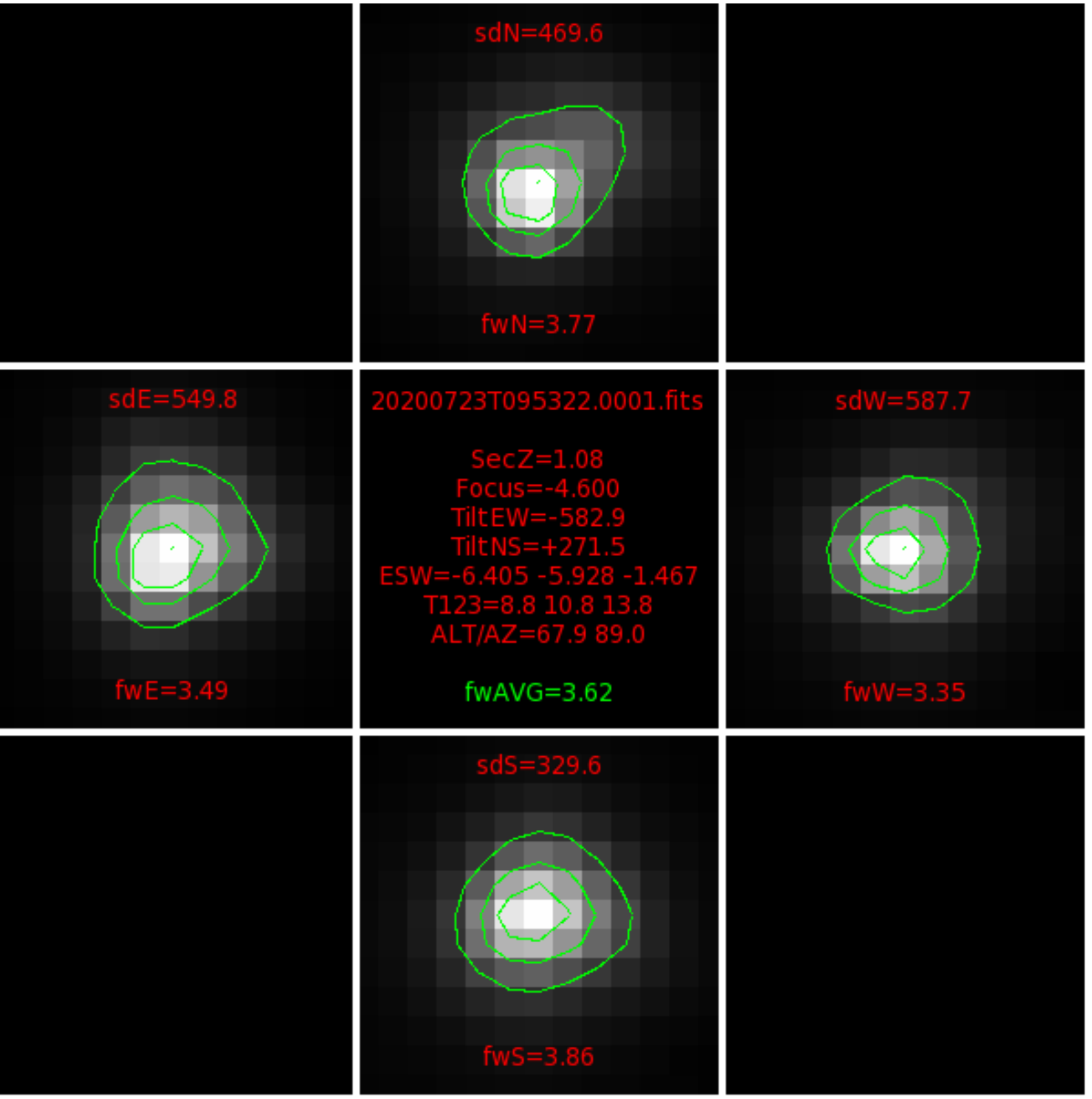
sdN=469.6
fwN=3.77
sdE=549.8
fwE=3.49
20200723T095322.0001.fits
SecZ=1.08
Focus=-4.600
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.405 -5.928 -1.467
T123=8.8 10.8 13.8
ALT/AZ=67.9 89.0
fwAVG=3.62
sdW=587.7
fwW=3.35
sdS=329.6
fwS=3.86
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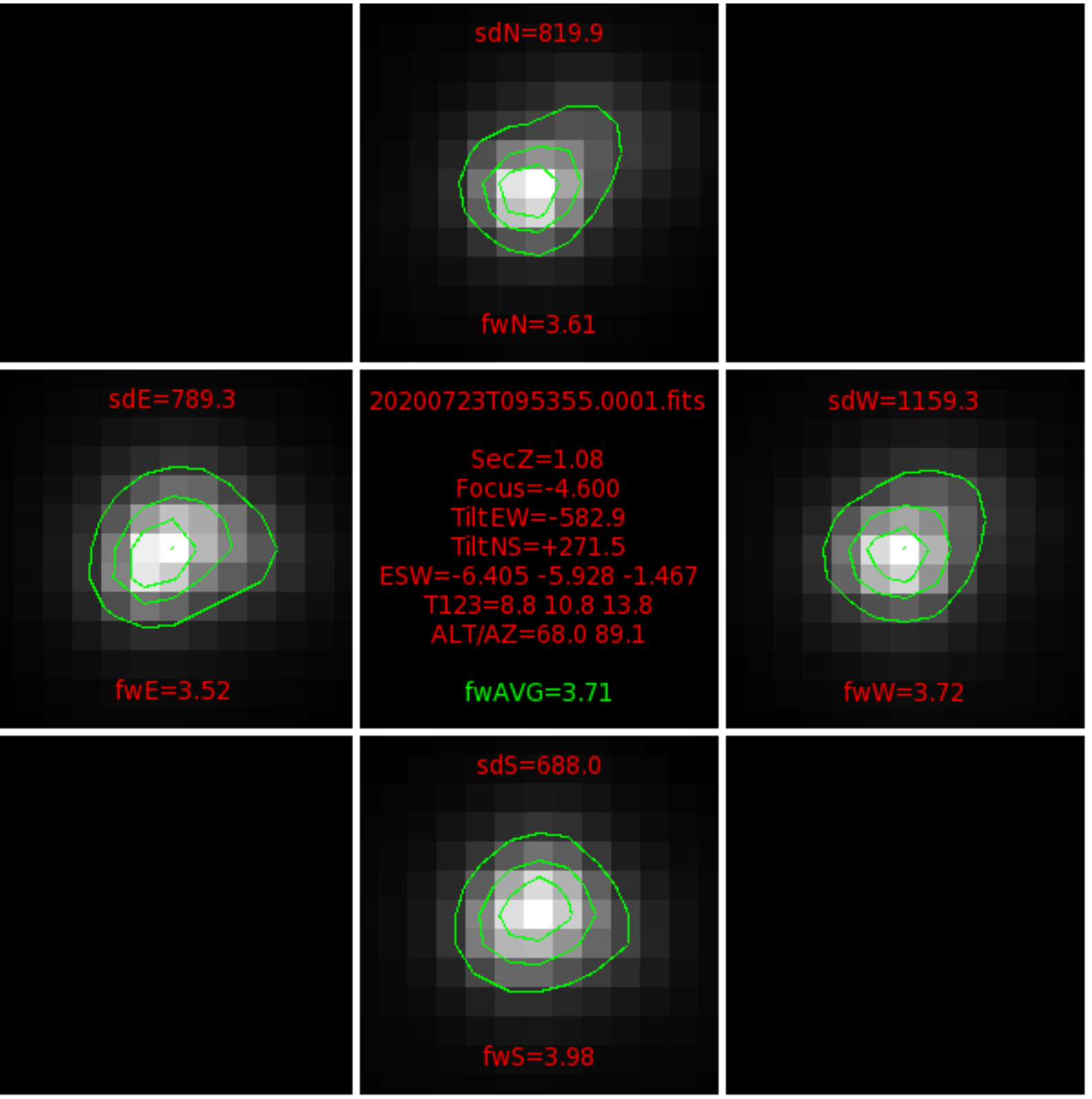
sdN=819.9
fwN=3.61
sdE=789.3
fwE=3.52
20200723T095355.0001.fits
SecZ=1.08
Focus=-4.600
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.405 -5.928 -1.467
T123=8.8 10.8 13.8
ALT/AZ=68.0 89.1
fwAVG=3.71
sdW=1159.3
fwW=3.72
sdS=688.0
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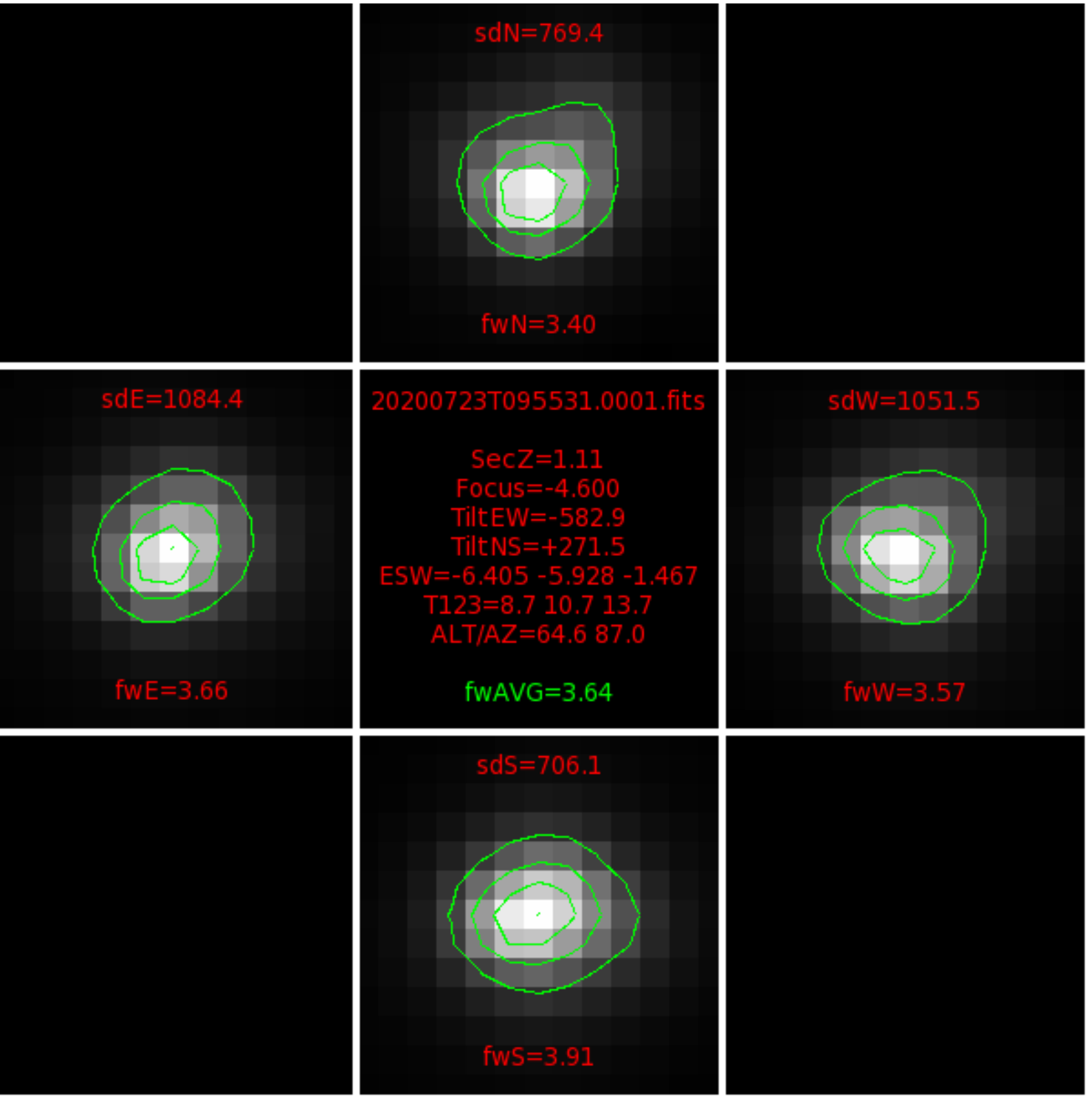
sdN=769.4
fwN=3.40
sdE=1084.4
fwE=3.66
20200723T095531.0001.fits
SecZ=1.11
Focus=-4.600
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.405 -5.928 -1.467
T123=8.7 10.7 13.7
ALT/AZ=64.6 87.0
fwAVG=3.64
sdW=1051.5
fwW=3.57
sdS=706.1
fwS=3.91
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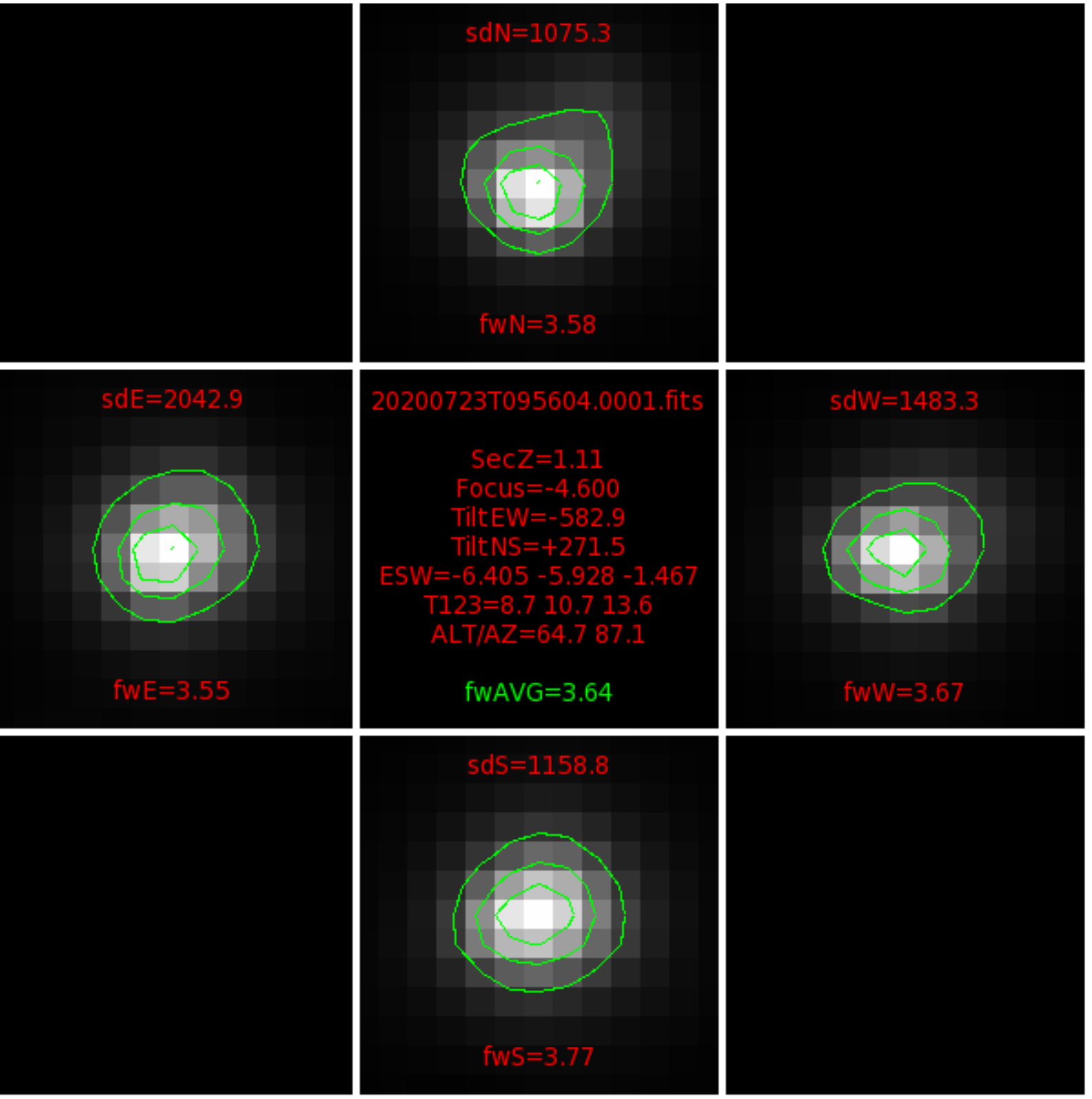
sdN=1075.3
fwN=3.58
sdE=2042.9
fwE=3.55
20200723T095604.0001.fits
SecZ=1.11
Focus=-4.600
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.405 -5.928 -1.467
T123=8.7 10.7 13.6
ALT/AZ=64.7 87.1
fwAVG=3.64
sdW=1483.3
fwW=3.67
sdS=1158.8
fwS=3.77
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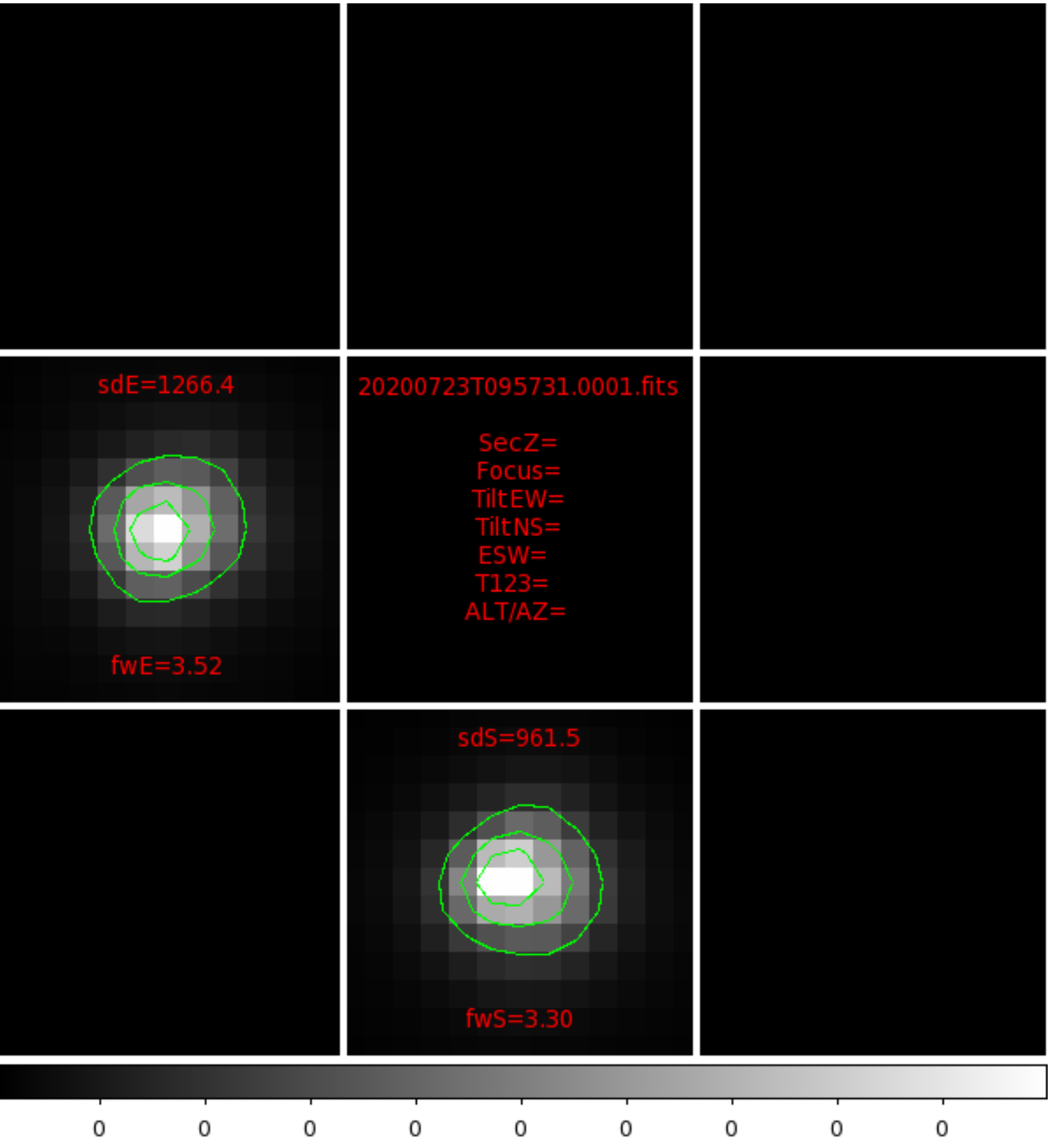
sdE=1266.4
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SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=3.52
sdS=961.5
fwS=3.30
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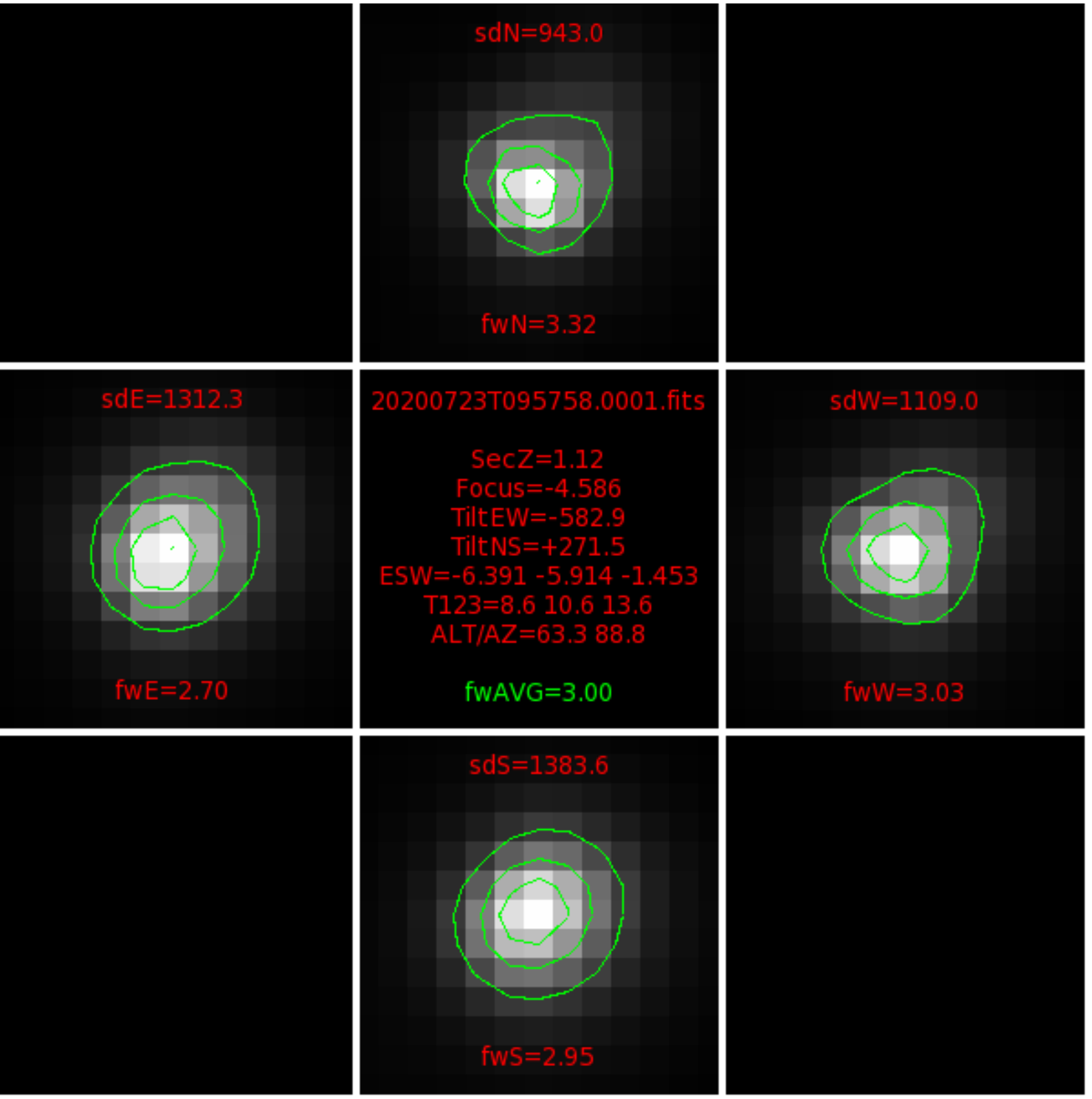
sdN=943.0
fwN=3.32
sdE=1312.3
fwE=2.70
20200723T095758.0001.fits
SecZ=1.12
Focus=-4.586
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.391 -5.914 -1.453
T123=8.6 10.6 13.6
ALT/AZ=63.3 88.8
fwAVG=3.00
sdW=1109.0
fwW=3.03
sdS=1383.6
fwS=2.95
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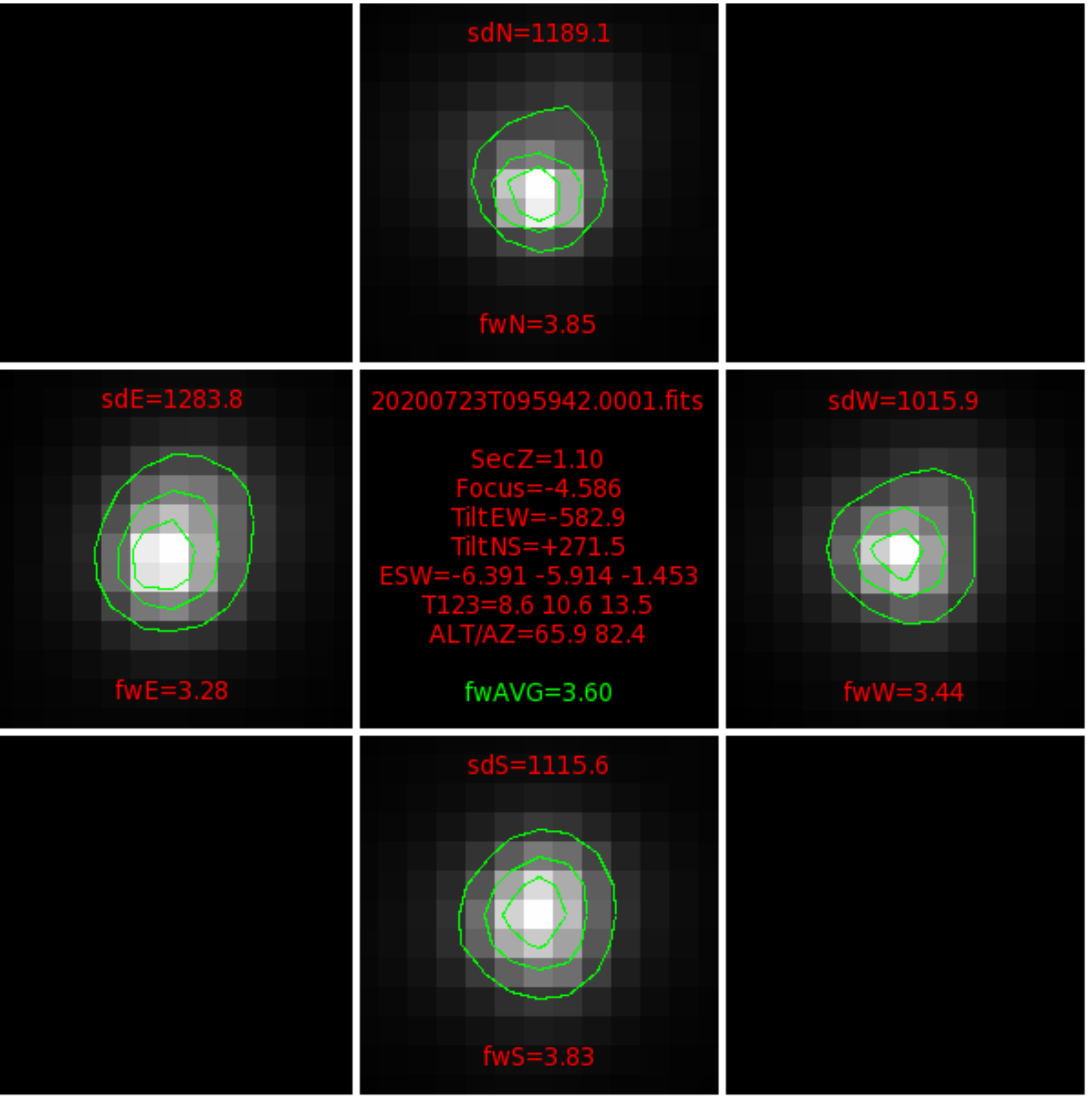
sdN=1189.1
fwN=3.85
sdE=1283.8
fwE=3.28
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SecZ=1.10
Focus=-4.586
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.391 -5.914 -1.453
T123=8.6 10.6 13.5
ALT/AZ=65.9 82.4
fwAVG=3.60
sdW=1015.9
fwW=3.44
sdS=1115.6
fwS=3.83
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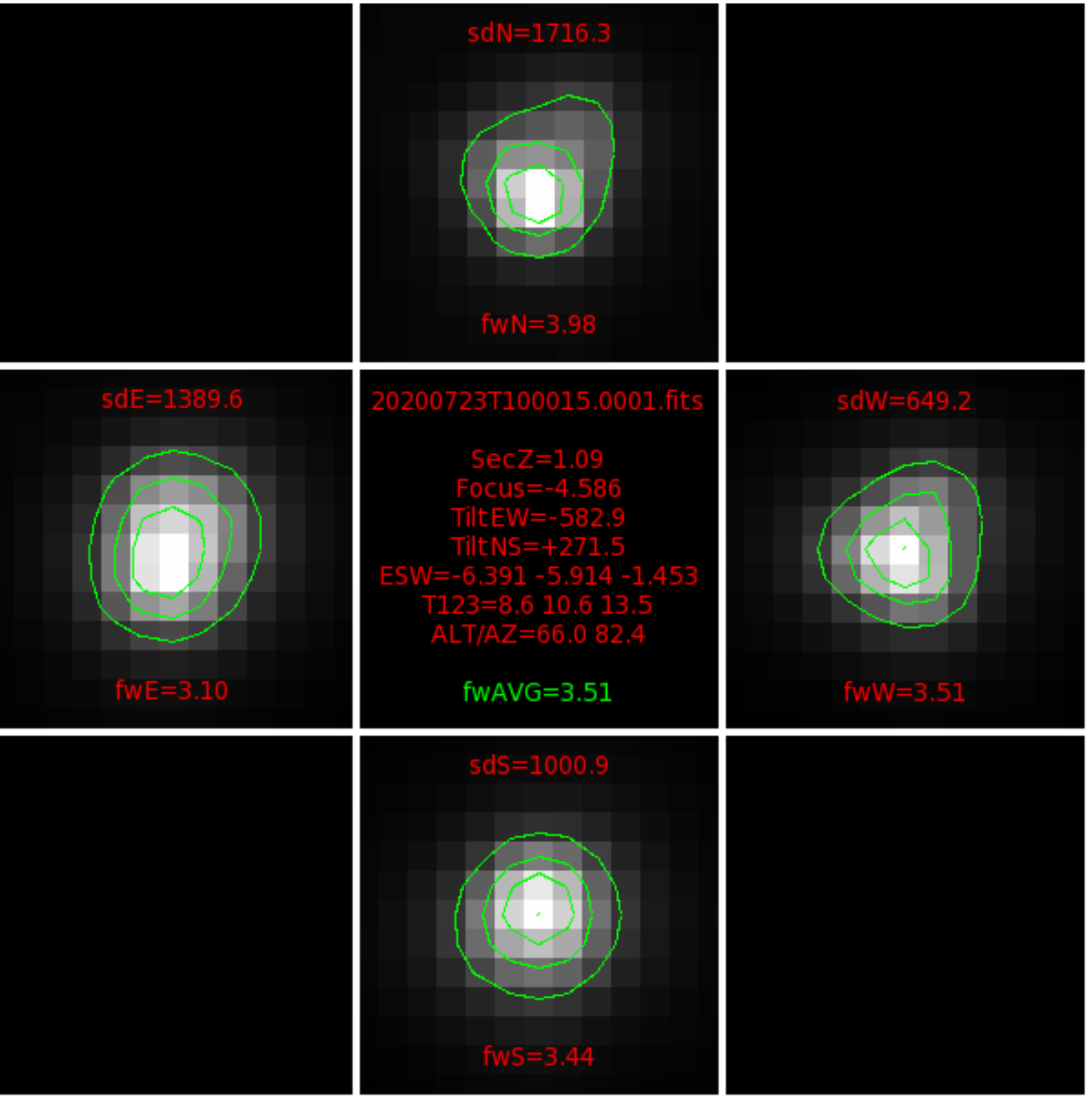
sdN=1716.3
fwN=3.98
sdE=1389.6
fwE=3.10
20200723T100015.0001.fits
SecZ=1.09
Focus=-4.586
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.391 -5.914 -1.453
T123=8.6 10.6 13.5
ALT/AZ=66.0 82.4
fwAVG=3.51
sdW=649.2
fwW=3.51
sdS=1000.9
fwS=3.44
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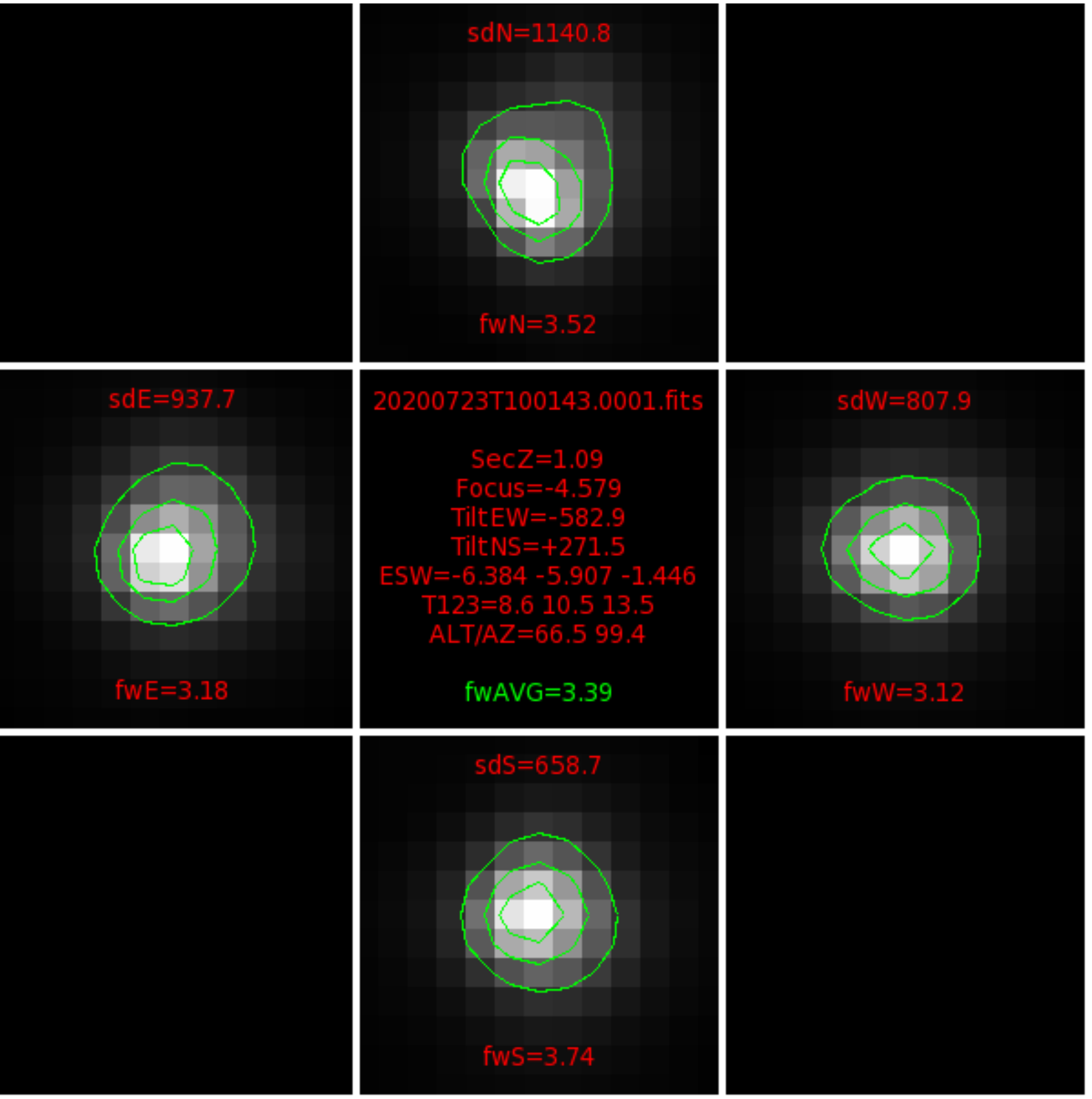
sdN=1140.8
fwN=3.52
sdE=937.7
fwE=3.18
20200723T100143.0001.fits
SecZ=1.09
Focus=-4.579
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.384 -5.907 -1.446
T123=8.6 10.5 13.5
ALT/AZ=66.5 99.4
fwAVG=3.39
sdW=807.9
fwW=3.12
sdS=658.7
fwS=3.74
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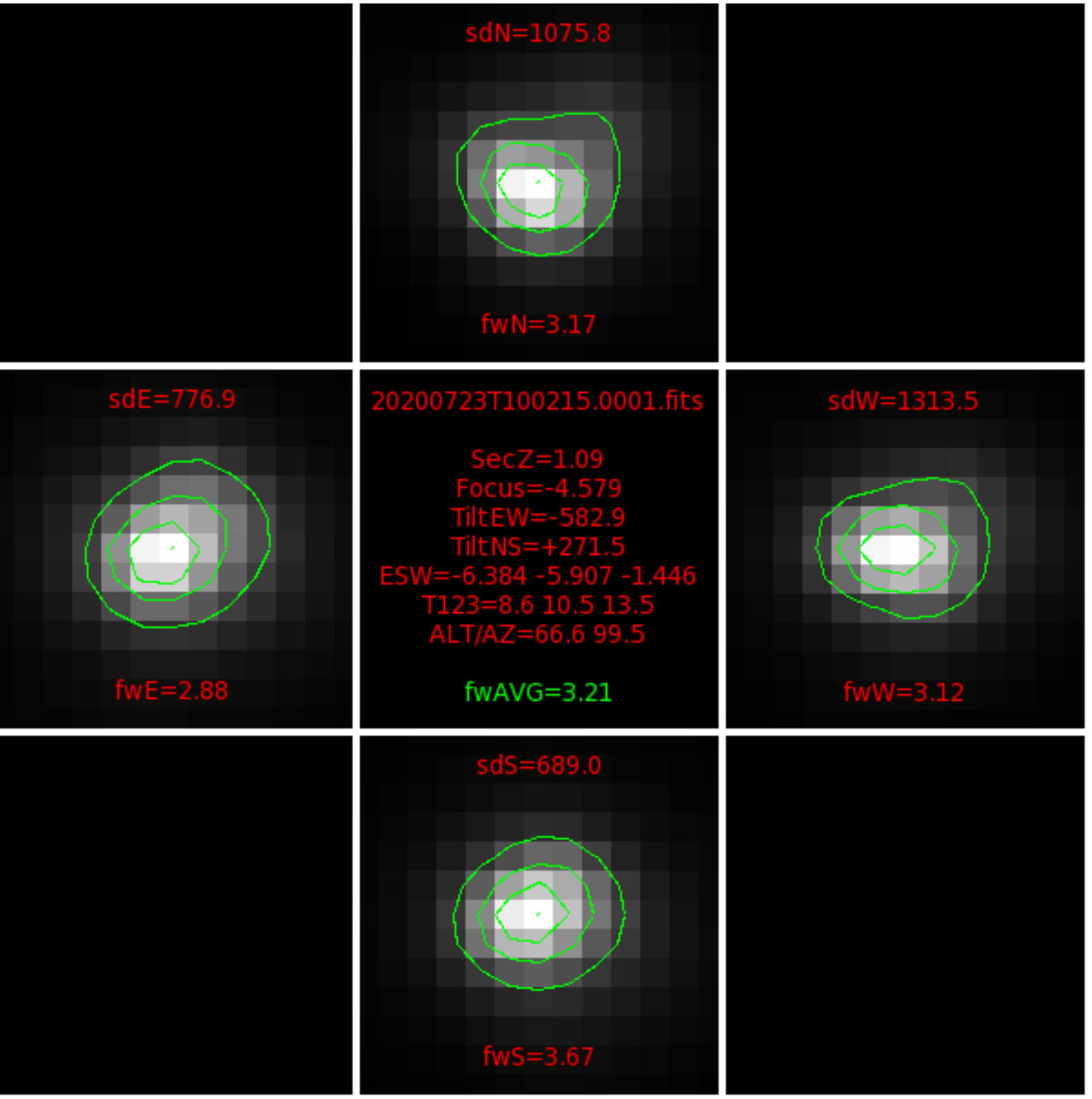
sdN=1075.8
fwN=3.17
sdE=776.9
fwE=2.88
20200723T100215.0001.fits
SecZ=1.09
Focus=-4.579
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.384 -5.907 -1.446
T123=8.6 10.5 13.5
ALT/AZ=66.6 99.5
fwAVG=3.21
sdW=1313.5
fwW=3.12
sdS=689.0
fwS=3.67
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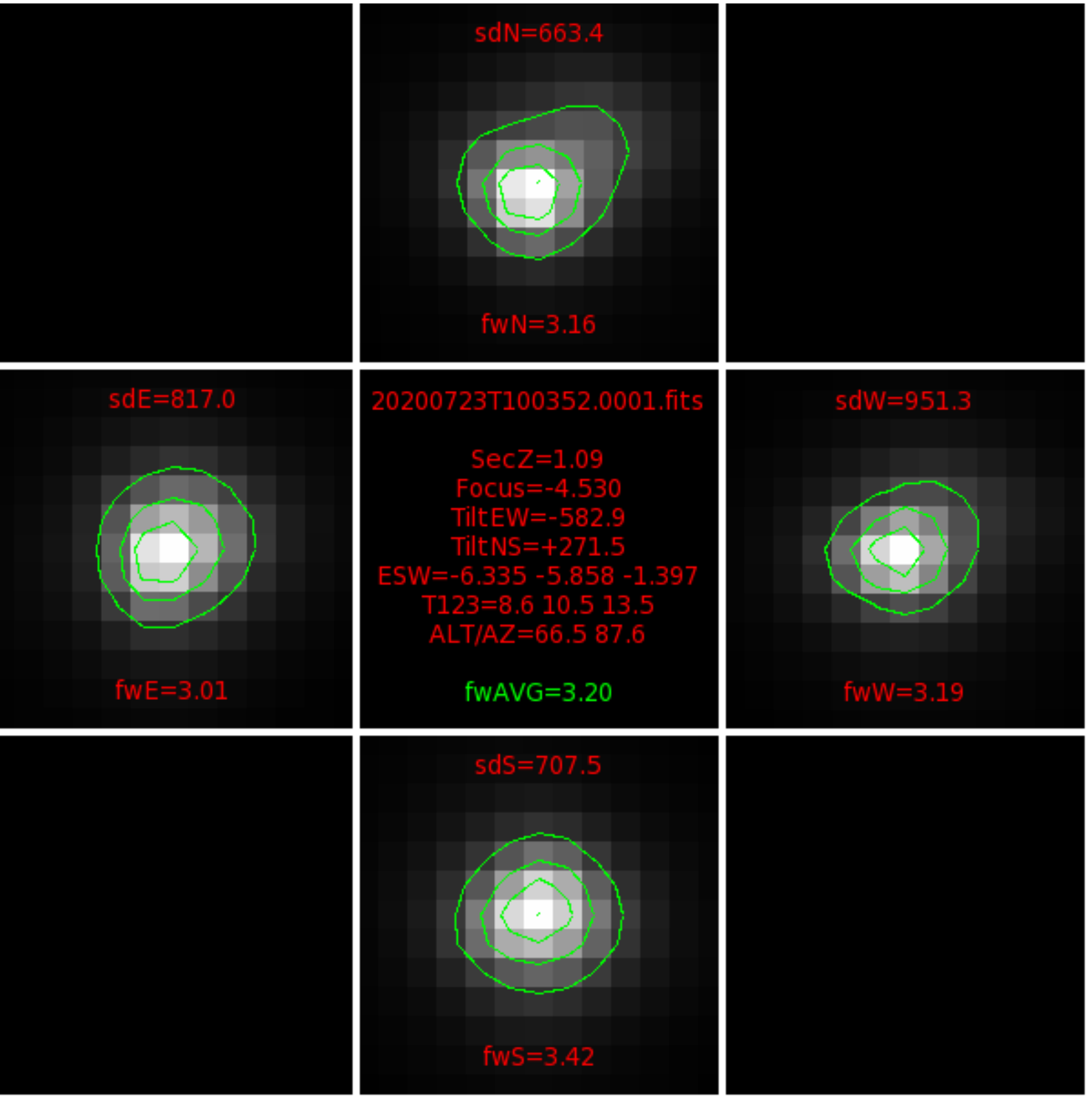
sdN=663.4
fwN=3.16
sdE=817.0
fwE=3.01
20200723T100352.0001.fits
SecZ=1.09
Focus=-4.530
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.335 -5.858 -1.397
T123=8.6 10.5 13.5
ALT/AZ=66.5 87.6
fwAVG=3.20
sdW=951.3
fwW=3.19
sdS=707.5
fwS=3.42
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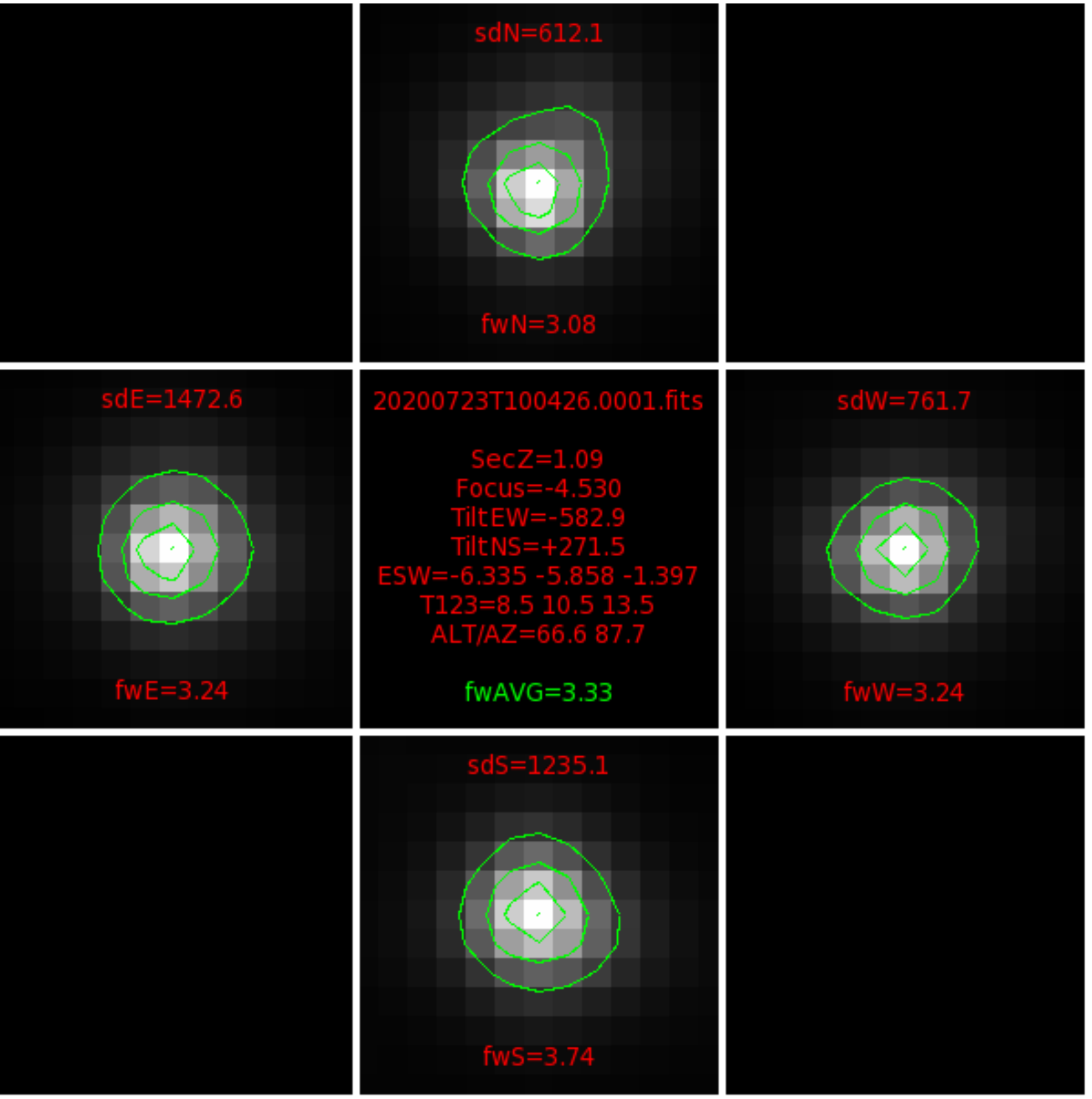
sdN=612.1
fwN=3.08
sdE=1472.6
fwE=3.24
20200723T100426.0001.fits
SecZ=1.09
Focus=-4.530
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.335 -5.858 -1.397
T123=8.5 10.5 13.5
ALT/AZ=66.6 87.7
fwAVG=3.33
sdW=761.7
fwW=3.24
sdS=1235.1
fwS=3.74
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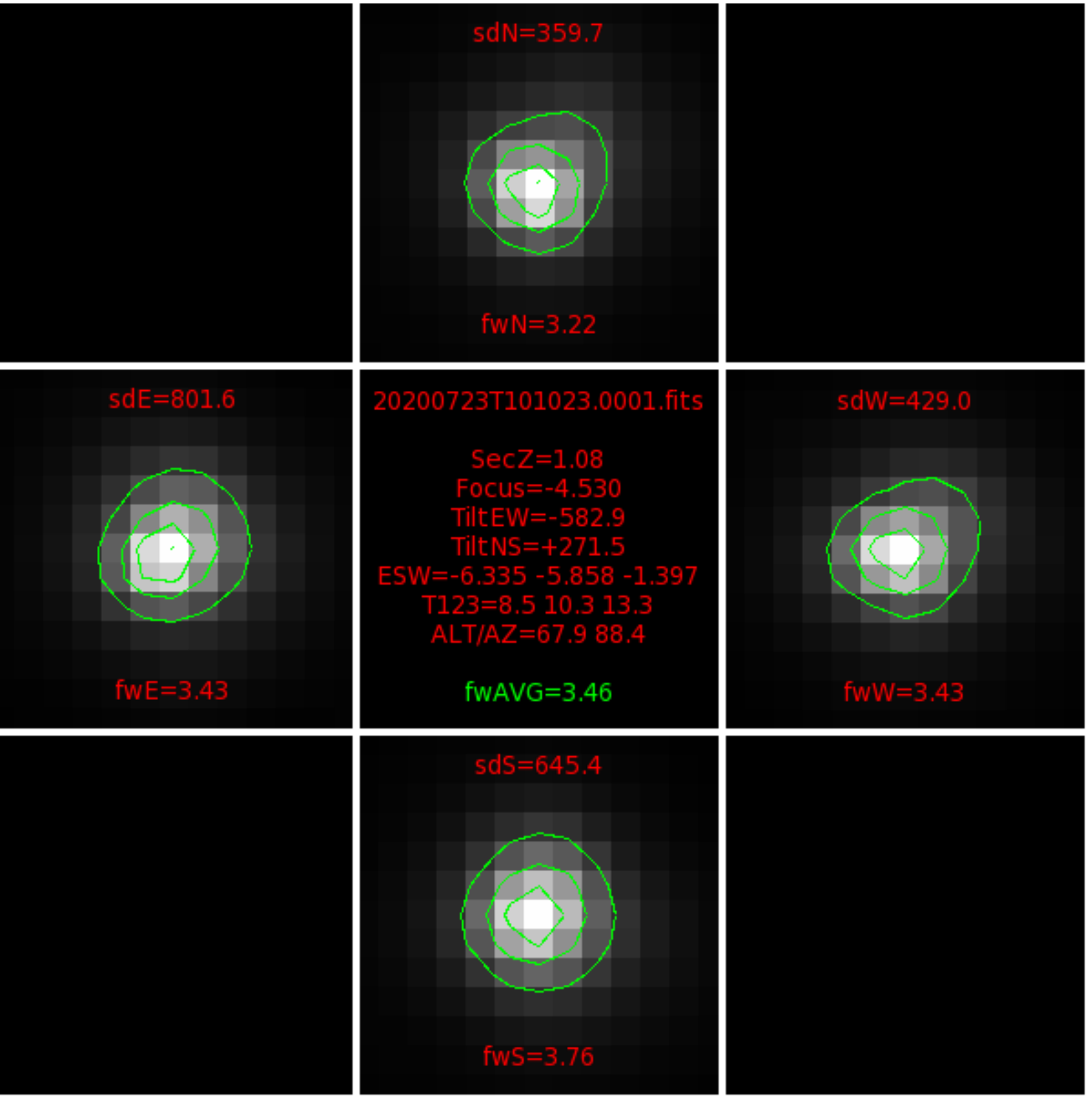
sdN=359.7
fwN=3.22
sdE=801.6
fwE=3.43
20200723T101023.0001.fits
SecZ=1.08
Focus=-4.530
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.335 -5.858 -1.397
T123=8.5 10.3 13.3
ALT/AZ=67.9 88.4
fwAVG=3.46
sdW=429.0
fwW=3.43
sdS=645.4
fwS=3.76
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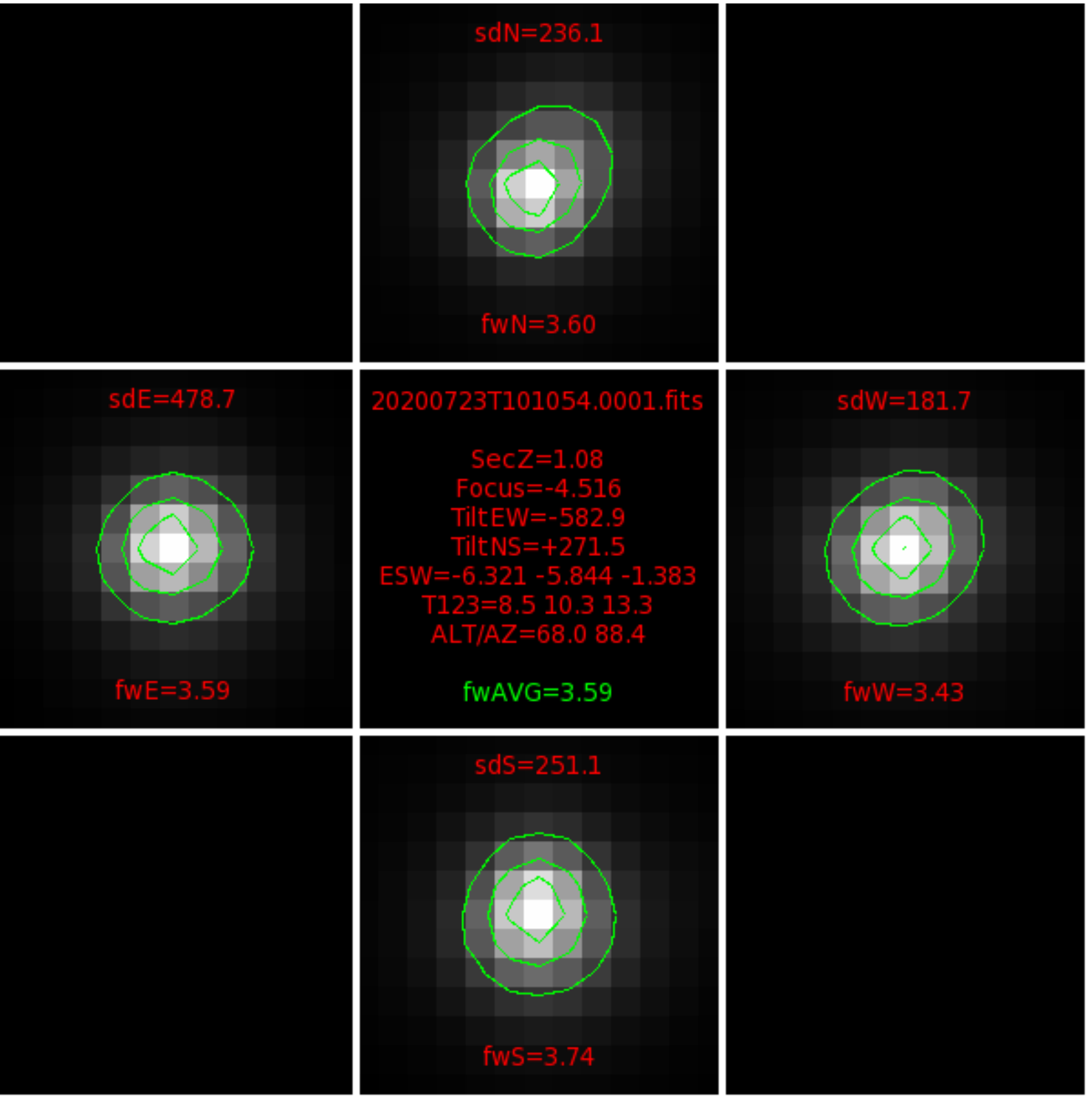
sdN=236.1
fwN=3.60
sdE=478.7
fwE=3.59
20200723T101054.0001.fits
SecZ=1.08
Focus=-4.516
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.321 -5.844 -1.383
T123=8.5 10.3 13.3
ALT/AZ=68.0 88.4
fwAVG=3.59
sdW=181.7
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sdS=251.1
fwS=3.74
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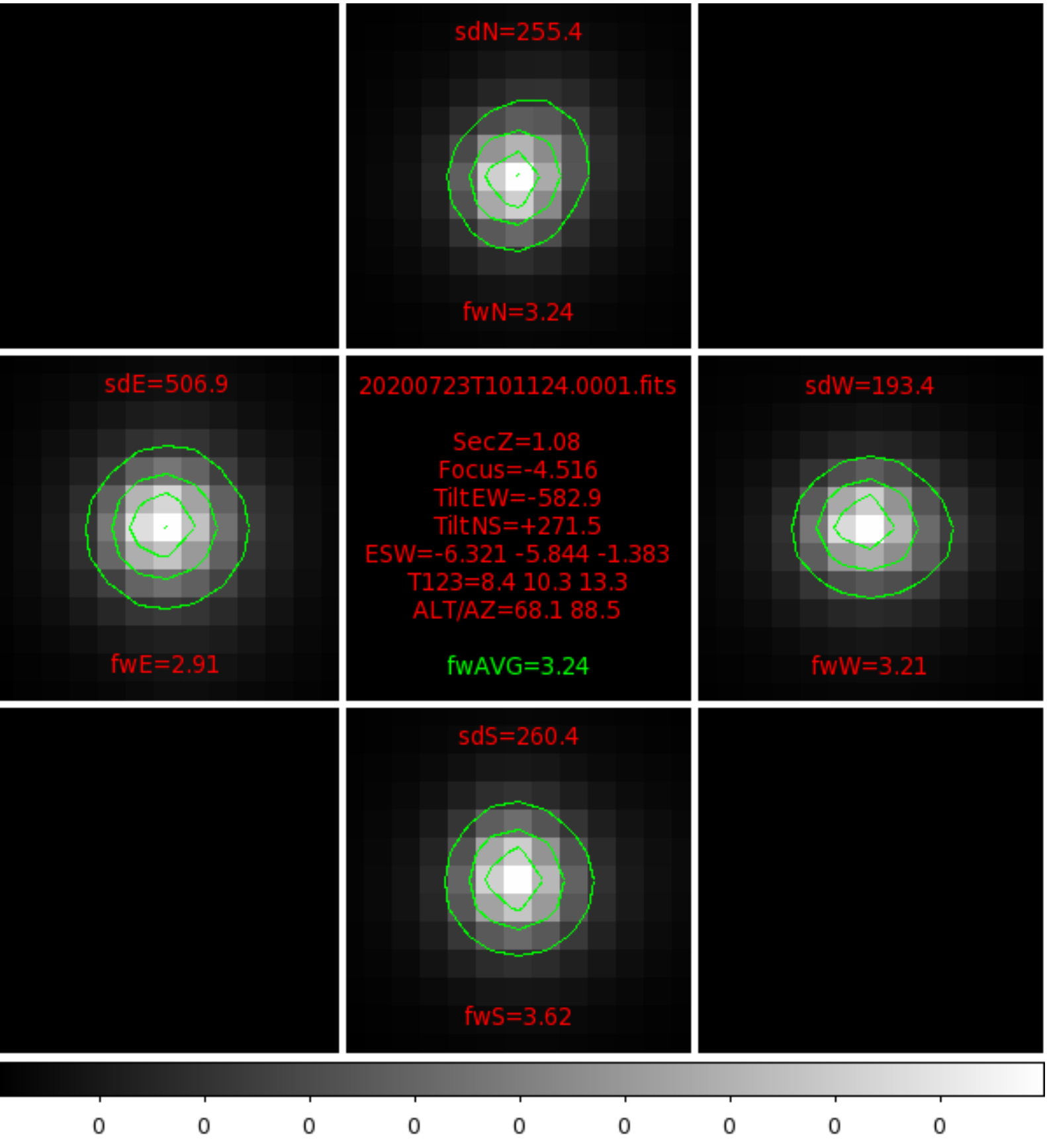
sdN=255.4
fwN=3.24
sdE=506.9
fwE=2.91
20200723T101124.0001.fits
SecZ=1.08
Focus=-4.516
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.321 -5.844 -1.383
T123=8.4 10.3 13.3
ALT/AZ=68.1 88.5
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sdW=193.4
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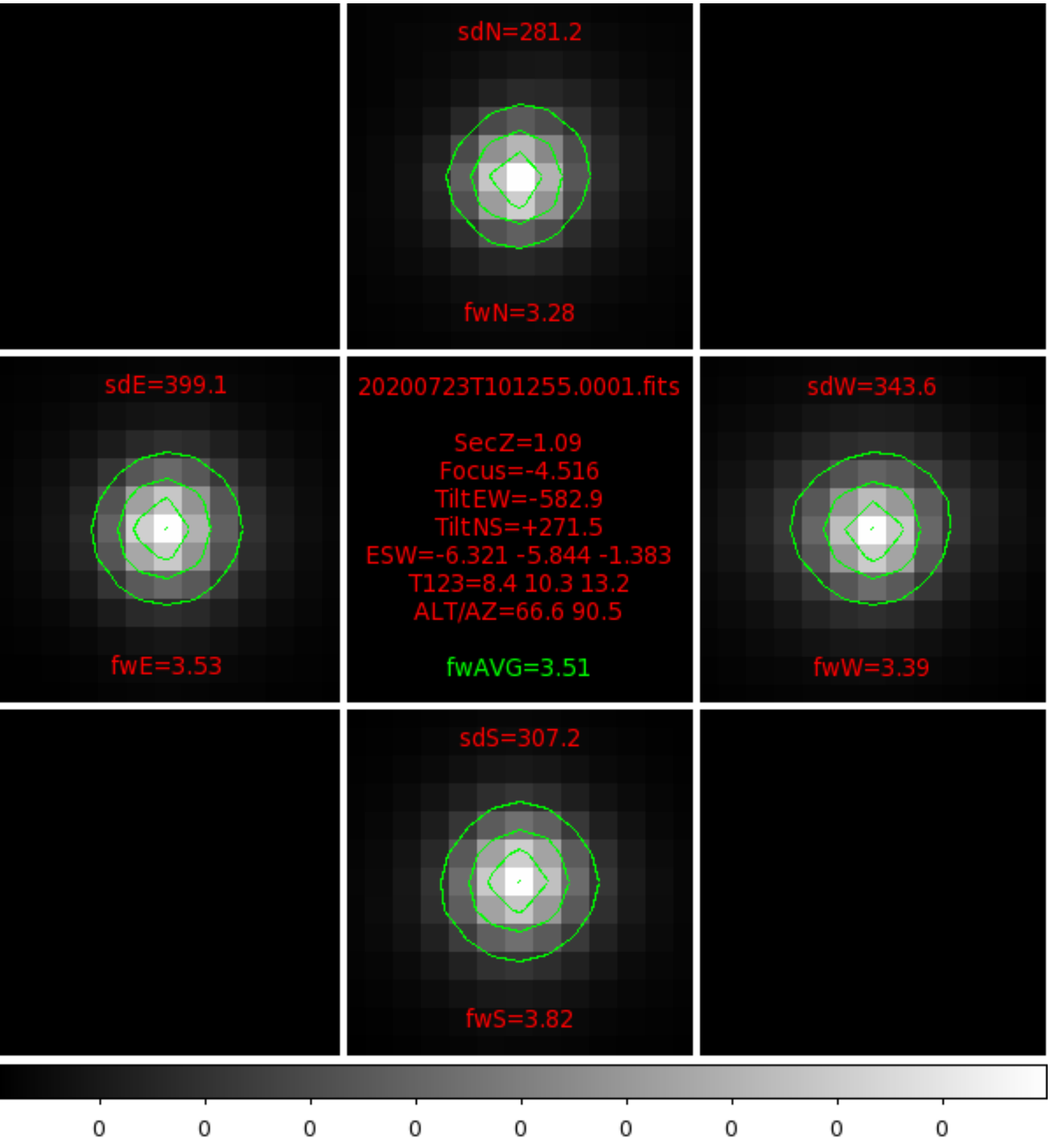
sdN=281.2
fwN=3.28
sdE=399.1
fwE=3.53
20200723T101255.0001.fits
SecZ=1.09
Focus=-4.516
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.321 -5.844 -1.383
T123=8.4 10.3 13.2
ALT/AZ=66.6 90.5
fwAVG=3.51
sdW=343.6
fwW=3.39
sdS=307.2
fwS=3.82
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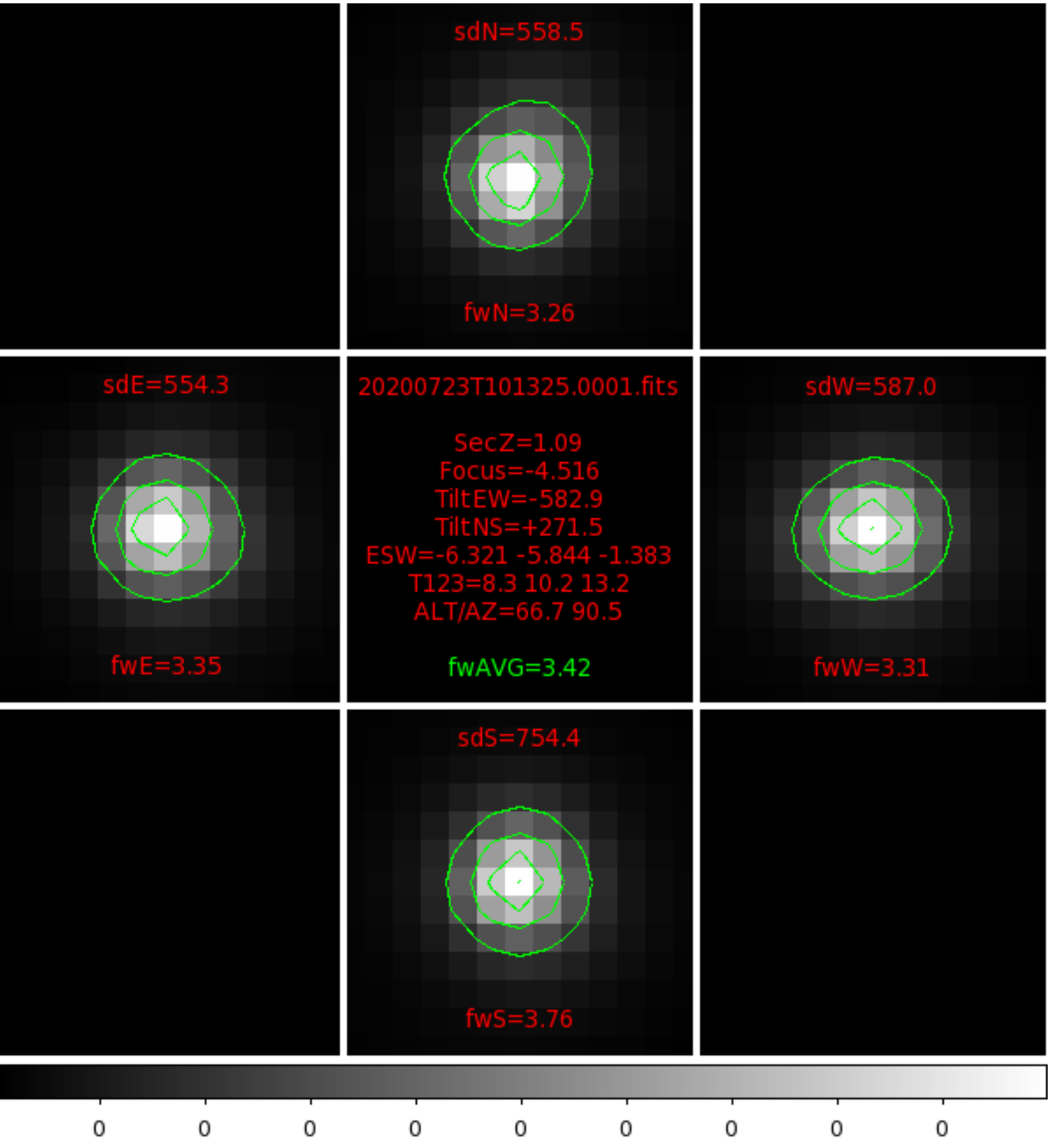
sdN=558.5
fwN=3.26
sdE=554.3
fwE=3.35
20200723T101325.0001.fits
SecZ=1.09
Focus=-4.516
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.321 -5.844 -1.383
T123=8.3 10.2 13.2
ALT/AZ=66.7 90.5
fwAVG=3.42
sdW=587.0
fwW=3.31
sdS=754.4
fwS=3.76
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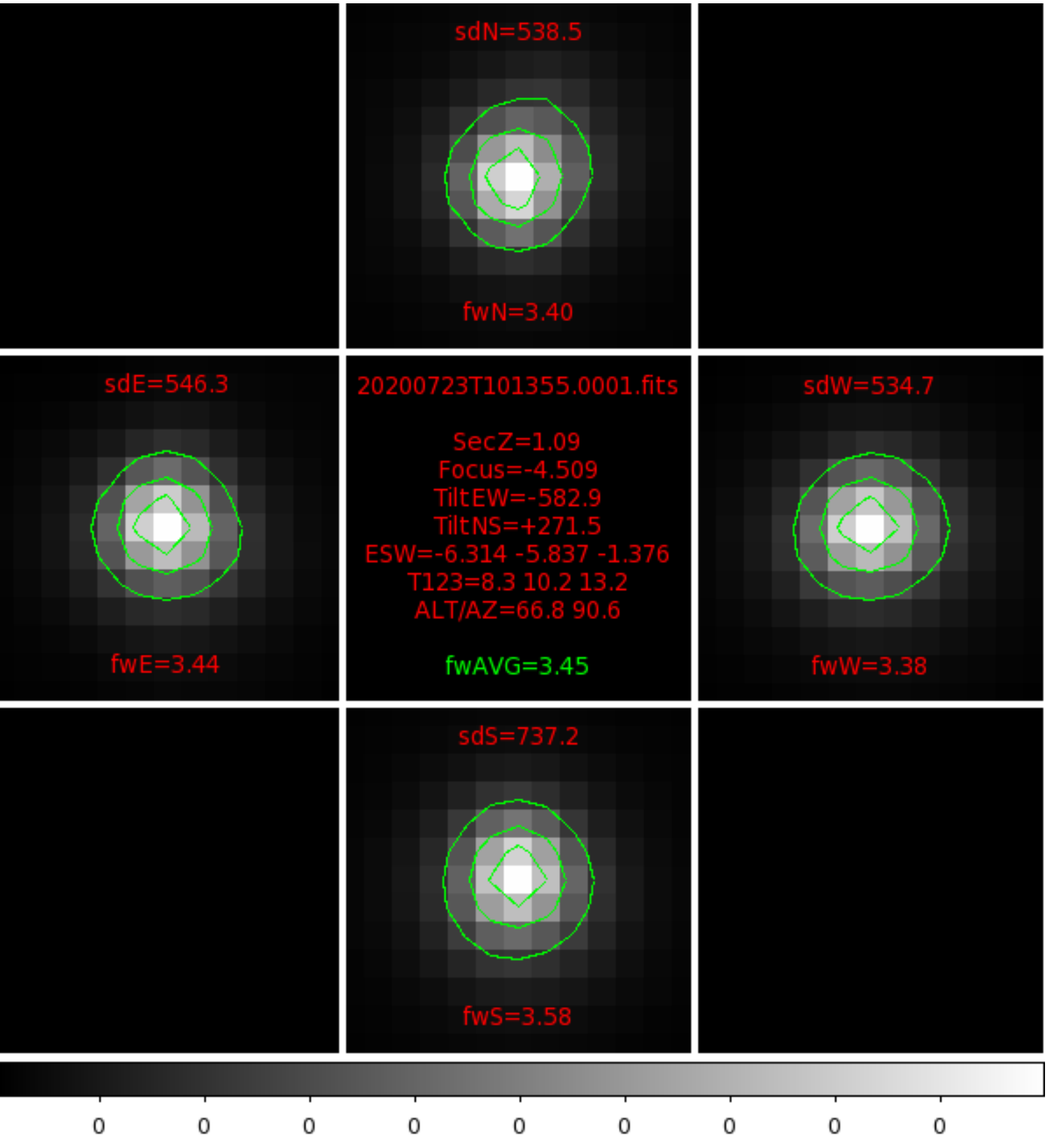
sdN=538.5
fwN=3.40
sdE=546.3
fwE=3.44
20200723T101355.0001.fits
SecZ=1.09
Focus=-4.509
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.314 -5.837 -1.376
T123=8.3 10.2 13.2
ALT/AZ=66.8 90.6
fwAVG=3.45
sdW=534.7
fwW=3.38
sdS=737.2
fwS=3.58
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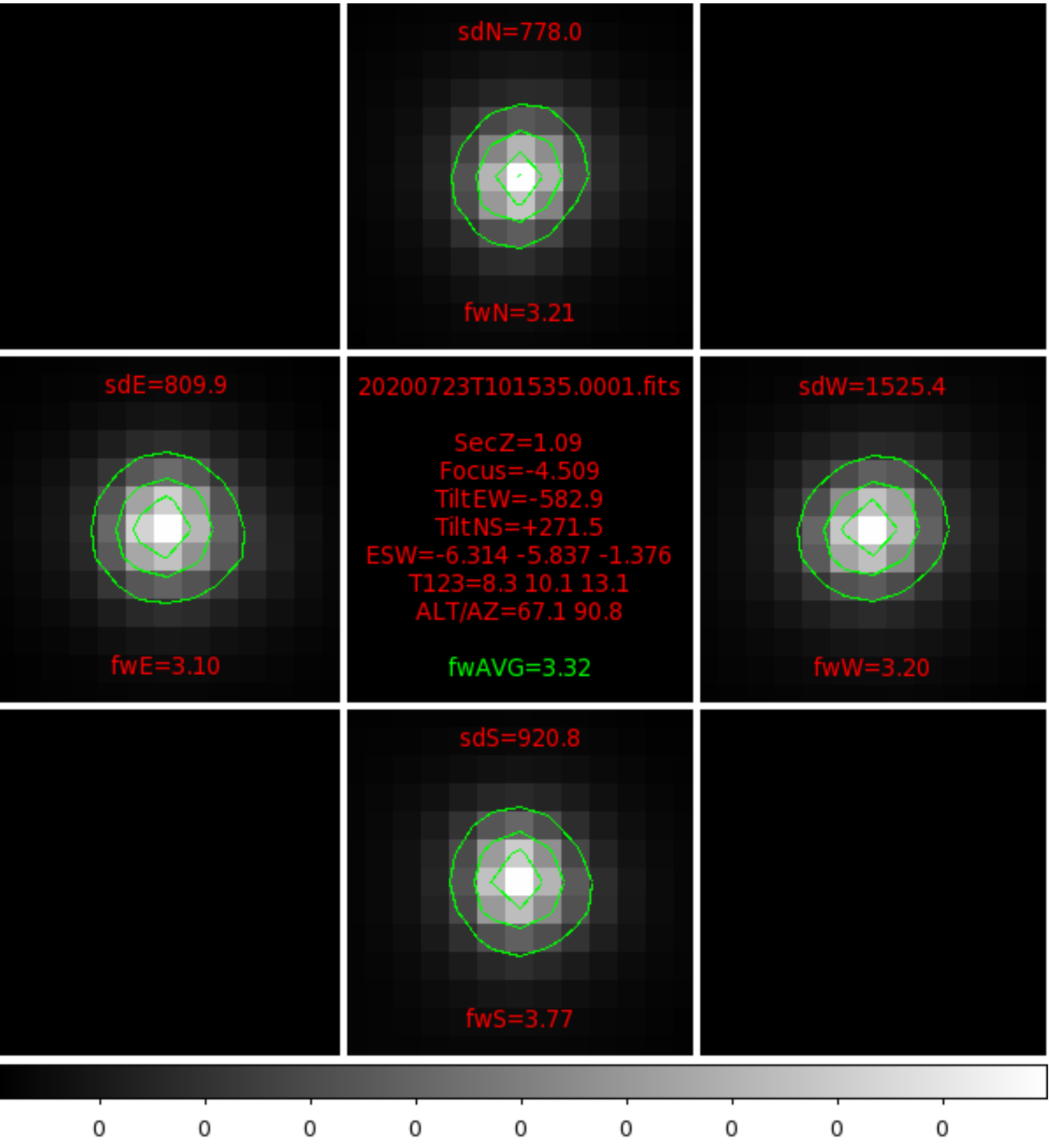
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fwN=3.21
sdE=809.9
fwE=3.10
20200723T101535.0001.fits
SecZ=1.09
Focus=-4.509
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.314 -5.837 -1.376
T123=8.3 10.1 13.1
ALT/AZ=67.1 90.8
fwAVG=3.32
sdW=1525.4
fwW=3.20
sdS=920.8
fwS=3.77
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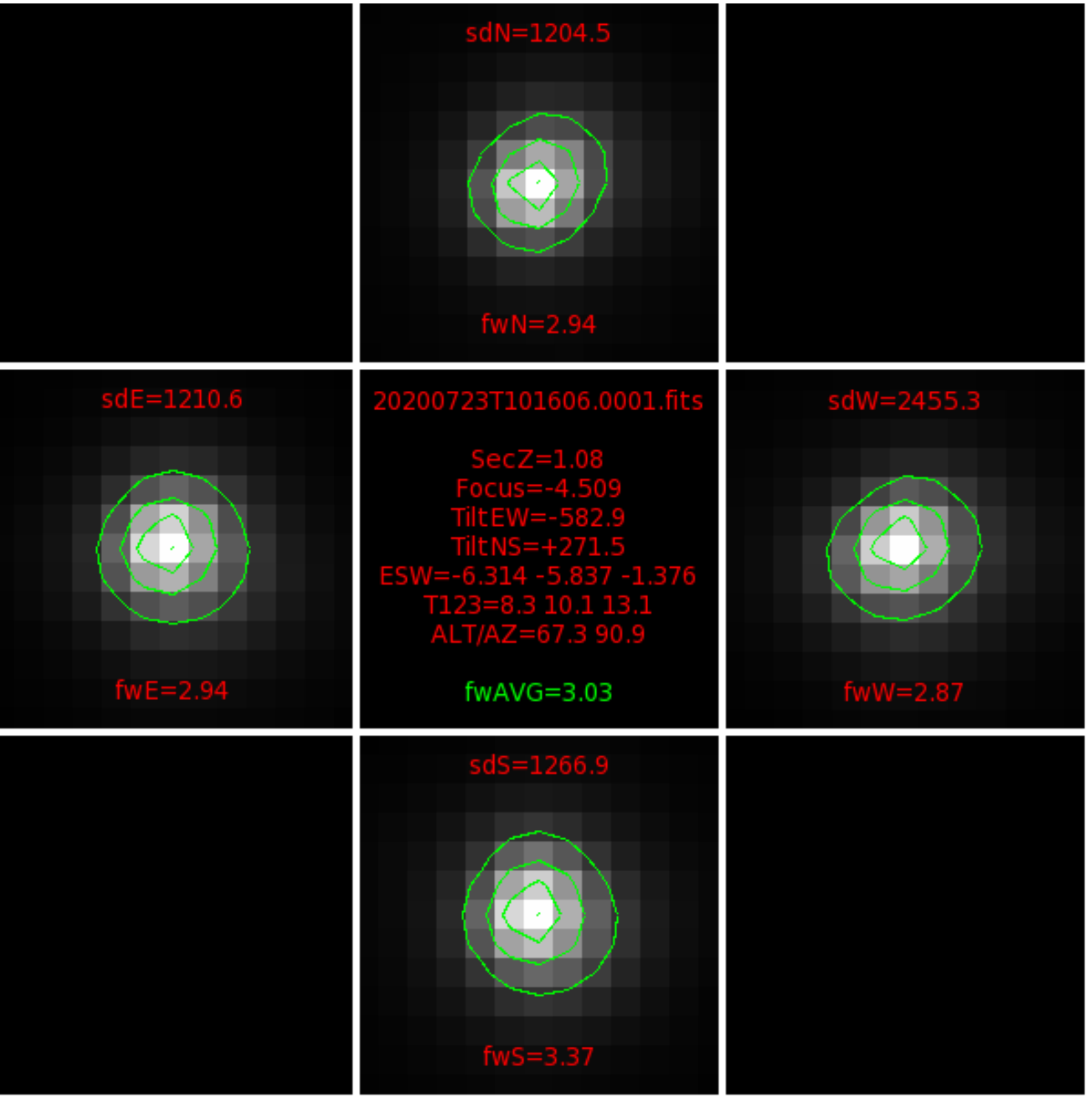
sdN=1204.5
fwN=2.94
sdE=1210.6
fwE=2.94
20200723T101606.0001.fits
SecZ=1.08
Focus=-4.509
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.314 -5.837 -1.376
T123=8.3 10.1 13.1
ALT/AZ=67.3 90.9
fwAVG=3.03
sdW=2455.3
fwW=2.87
sdS=1266.9
fwS=3.37
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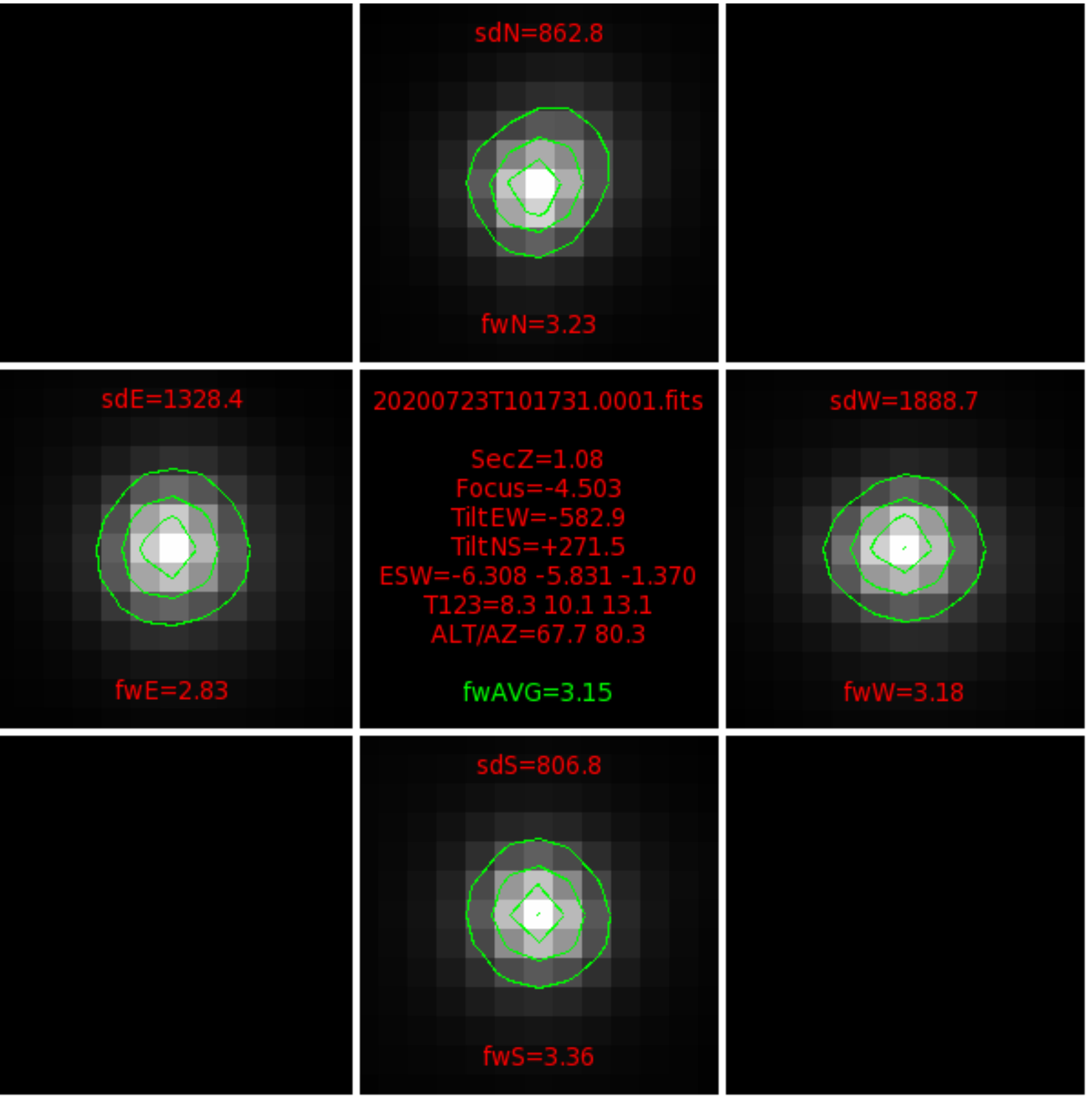
sdN=862.8
fwN=3.23
sdE=1328.4
fwE=2.83
20200723T101731.0001.fits
SecZ=1.08
Focus=-4.503
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.308 -5.831 -1.370
T123=8.3 10.1 13.1
ALT/AZ=67.7 80.3
fwAVG=3.15
sdW=1888.7
fwW=3.18
sdS=806.8
fwS=3.36
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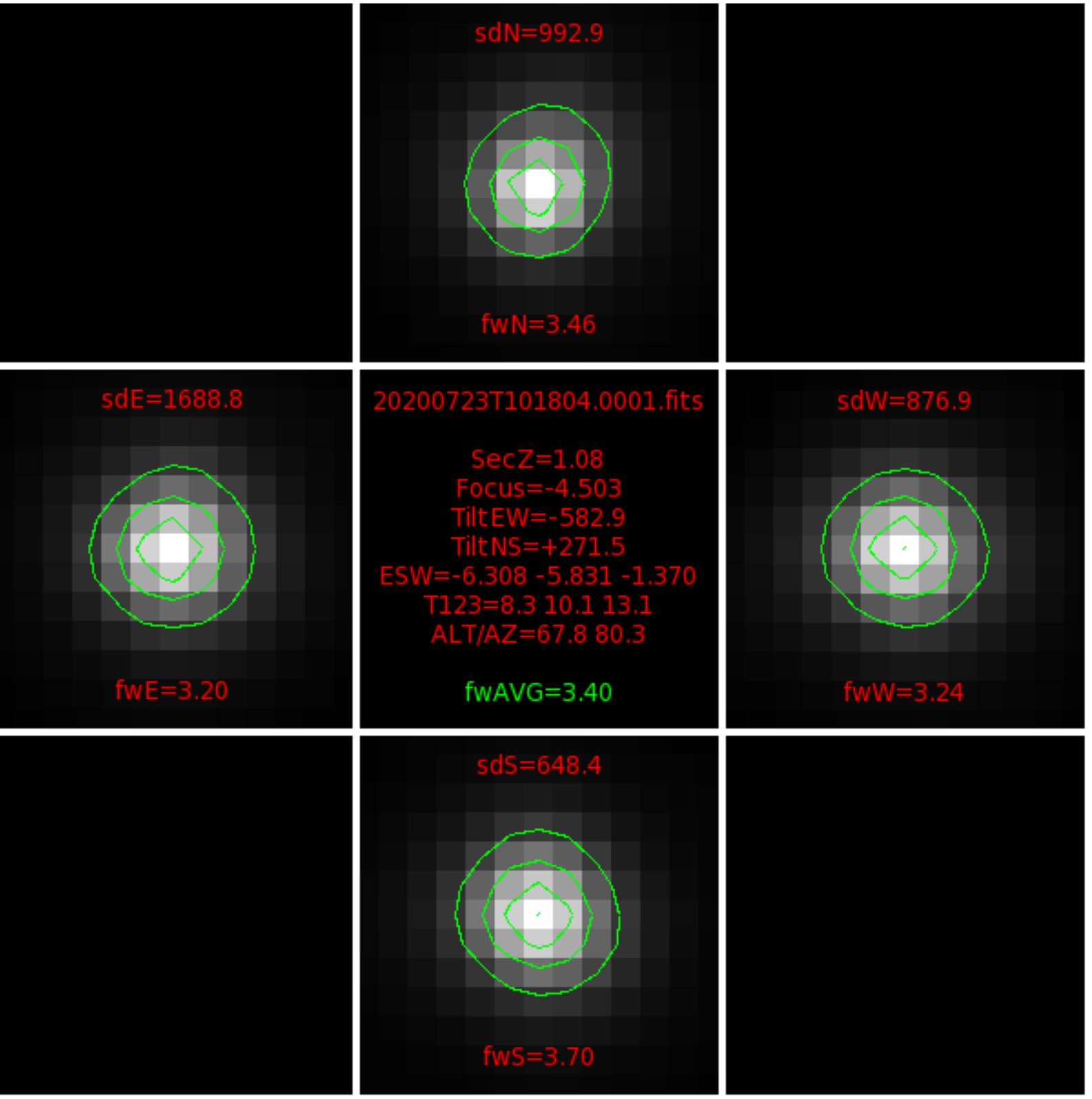
sdN=992.9
fwN=3.46
sdE=1688.8
fwE=3.20
20200723T101804.0001.fits
SecZ=1.08
Focus=-4.503
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.308 -5.831 -1.370
T123=8.3 10.1 13.1
ALT/AZ=67.8 80.3
fwAVG=3.40
sdW=876.9
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sdS=648.4
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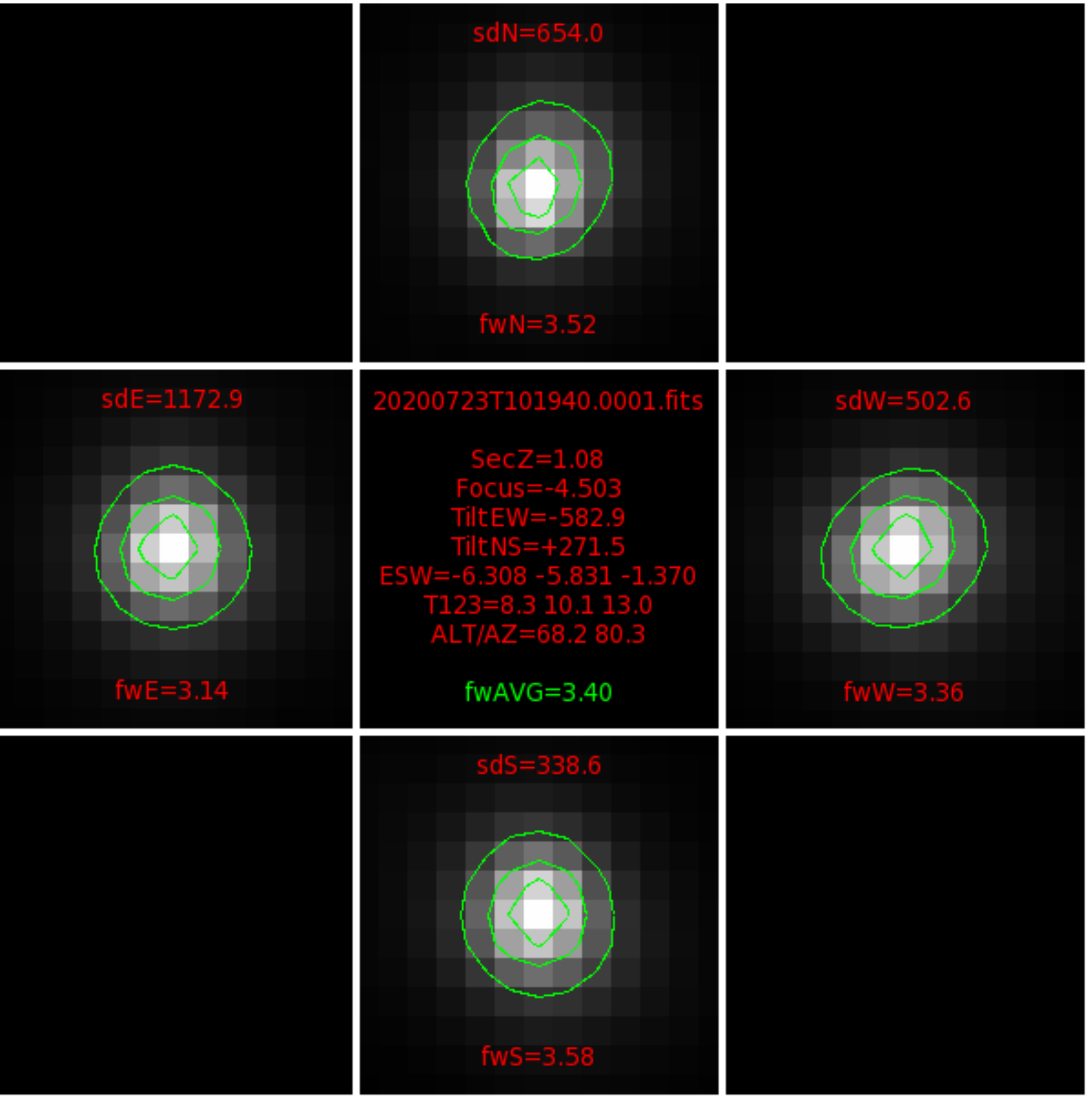
sdN=654.0
fwN=3.52
sdE=1172.9
fwE=3.14
20200723T101940.0001.fits
SecZ=1.08
Focus=-4.503
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.308 -5.831 -1.370
T123=8.3 10.1 13.0
ALT/AZ=68.2 80.3
fwAVG=3.40
sdW=502.6
fwW=3.36
sdS=338.6
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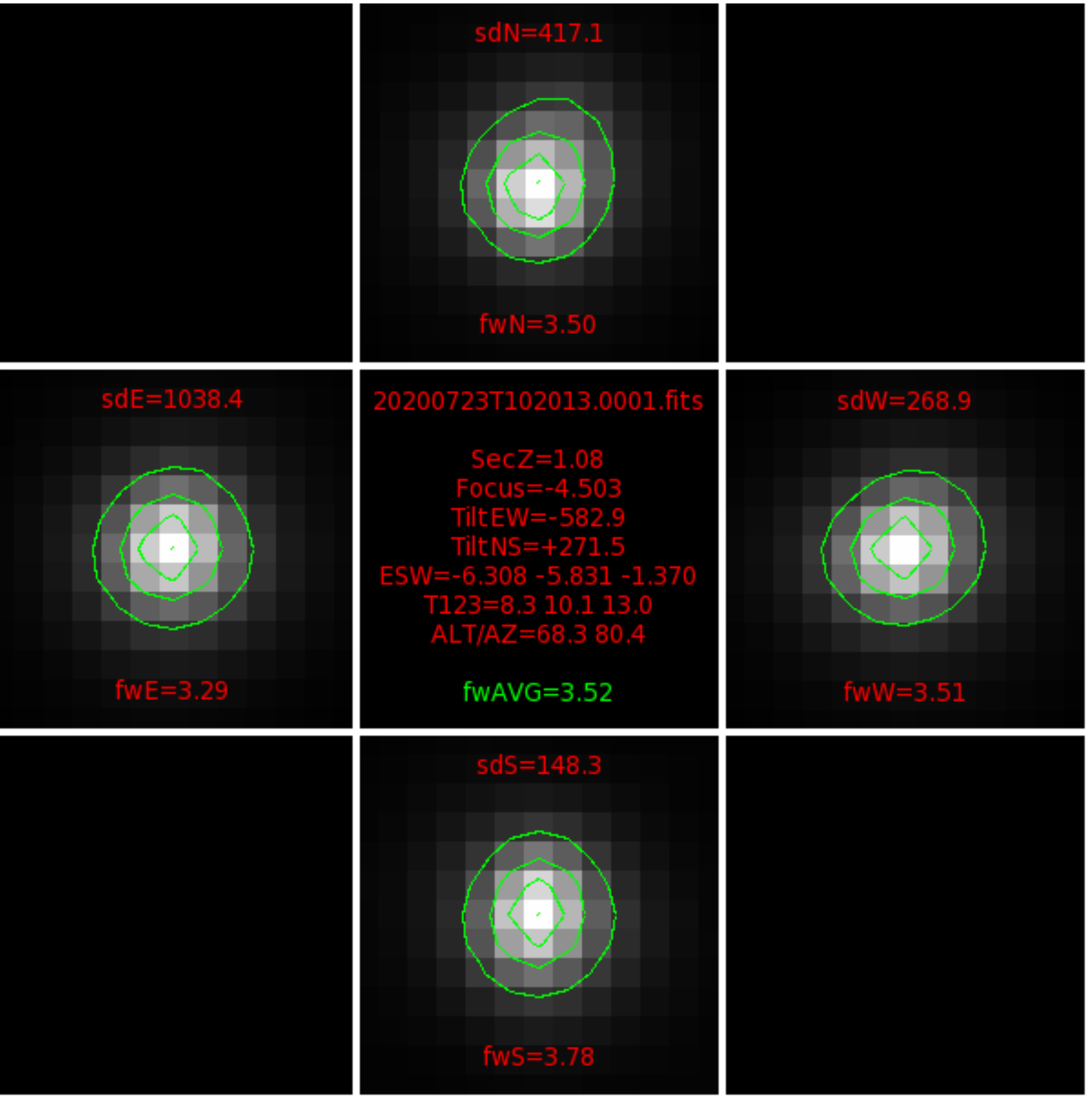
sdN=417.1
fwN=3.50
sdE=1038.4
fwE=3.29
20200723T102013.0001.fits
SecZ=1.08
Focus=-4.503
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.308 -5.831 -1.370
T123=8.3 10.1 13.0
ALT/AZ=68.3 80.4
fwAVG=3.52
sdW=268.9
fwW=3.51
sdS=148.3
fwS=3.78
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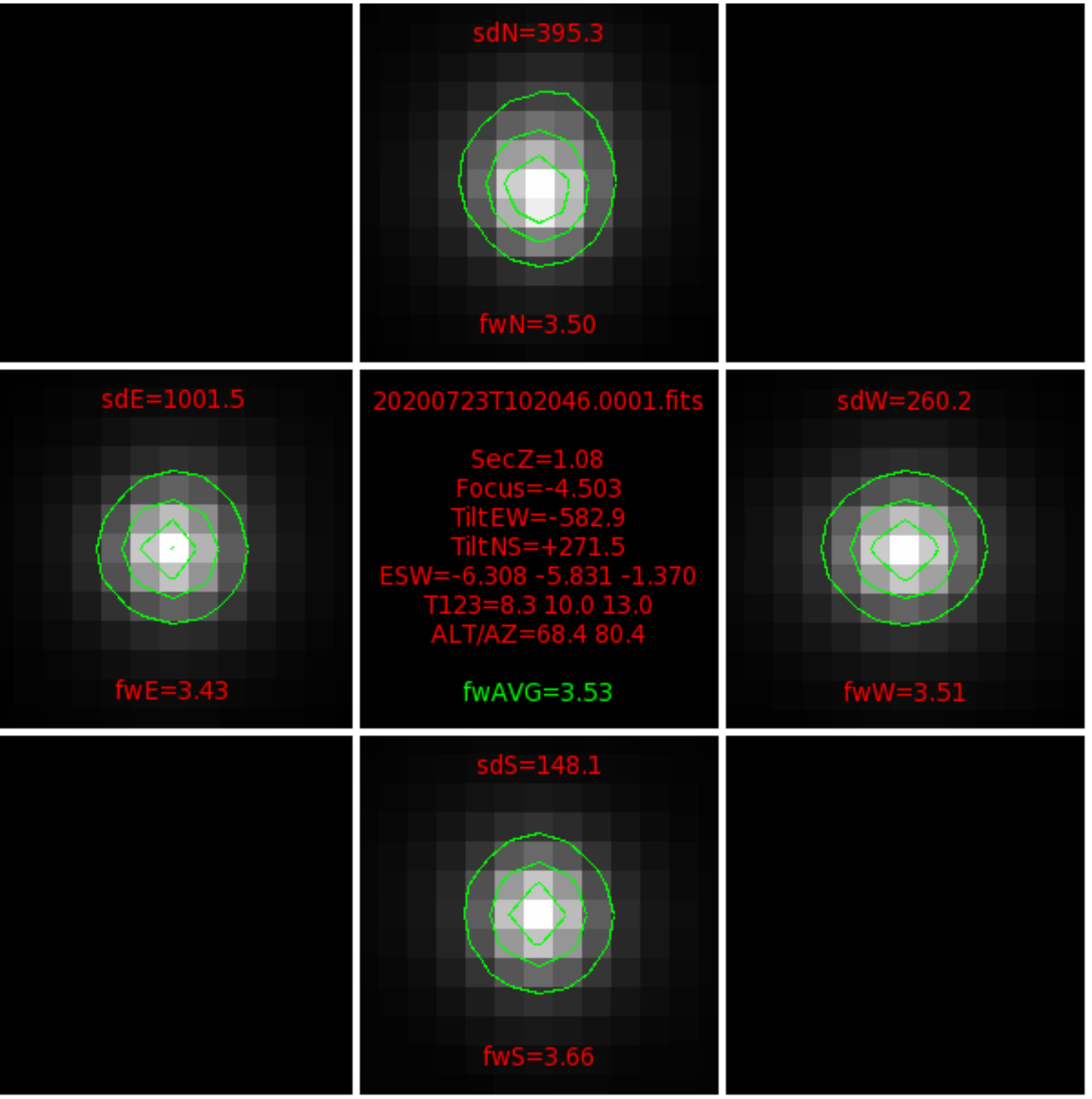
sdN=395.3
fwN=3.50
sdE=1001.5
fwE=3.43
20200723T102046.0001.fits
SecZ=1.08
Focus=-4.503
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.308 -5.831 -1.370
T123=8.3 10.0 13.0
ALT/AZ=68.4 80.4
fwAVG=3.53
sdW=260.2
fwW=3.51
sdS=148.1
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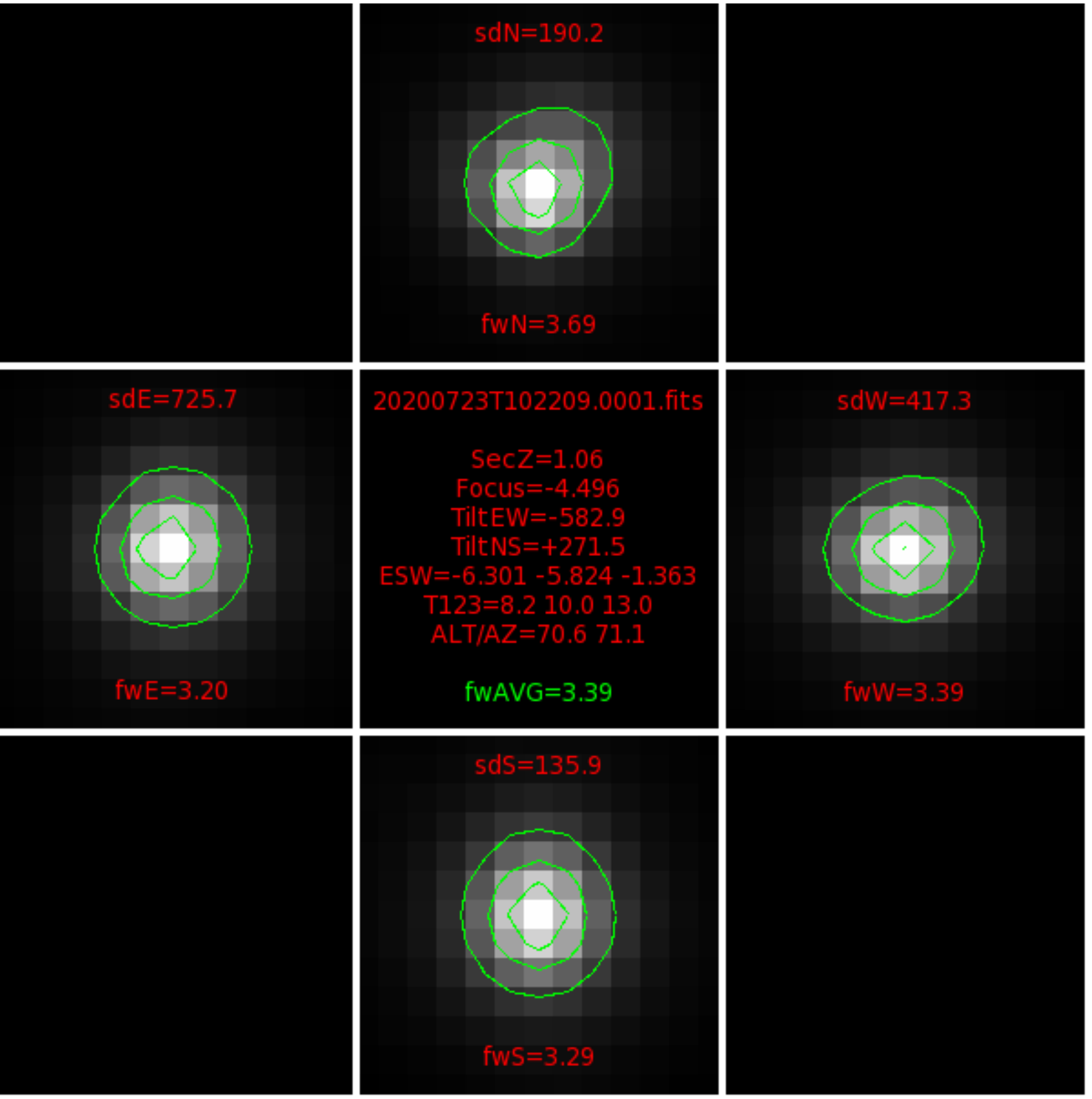
sdN=190.2
fwN=3.69
sdE=725.7
fwE=3.20
20200723T102209.0001.fits
SecZ=1.06
Focus=-4.496
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.301 -5.824 -1.363
T123=8.2 10.0 13.0
ALT/AZ=70.6 71.1
fwAVG=3.39
sdW=417.3
fwW=3.39
sdS=135.9
fwS=3.29
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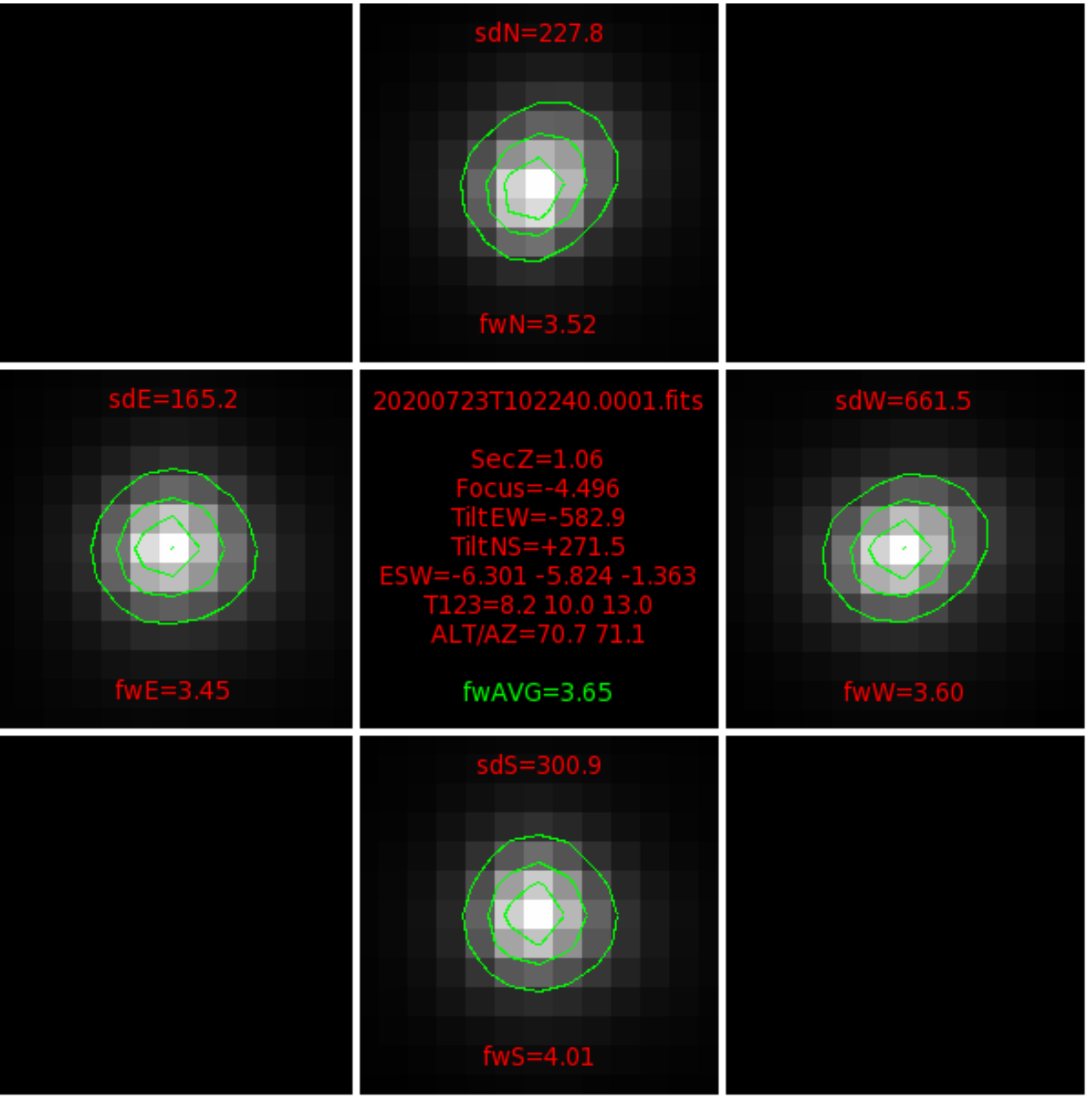
sdN=227.8
fwN=3.52
sdE=165.2
fwE=3.45
20200723T102240.0001.fits
SecZ=1.06
Focus=-4.496
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.301 -5.824 -1.363
T123=8.2 10.0 13.0
ALT/AZ=70.7 71.1
fwAVG=3.65
sdW=661.5
fwW=3.60
sdS=300.9
fwS=4.01
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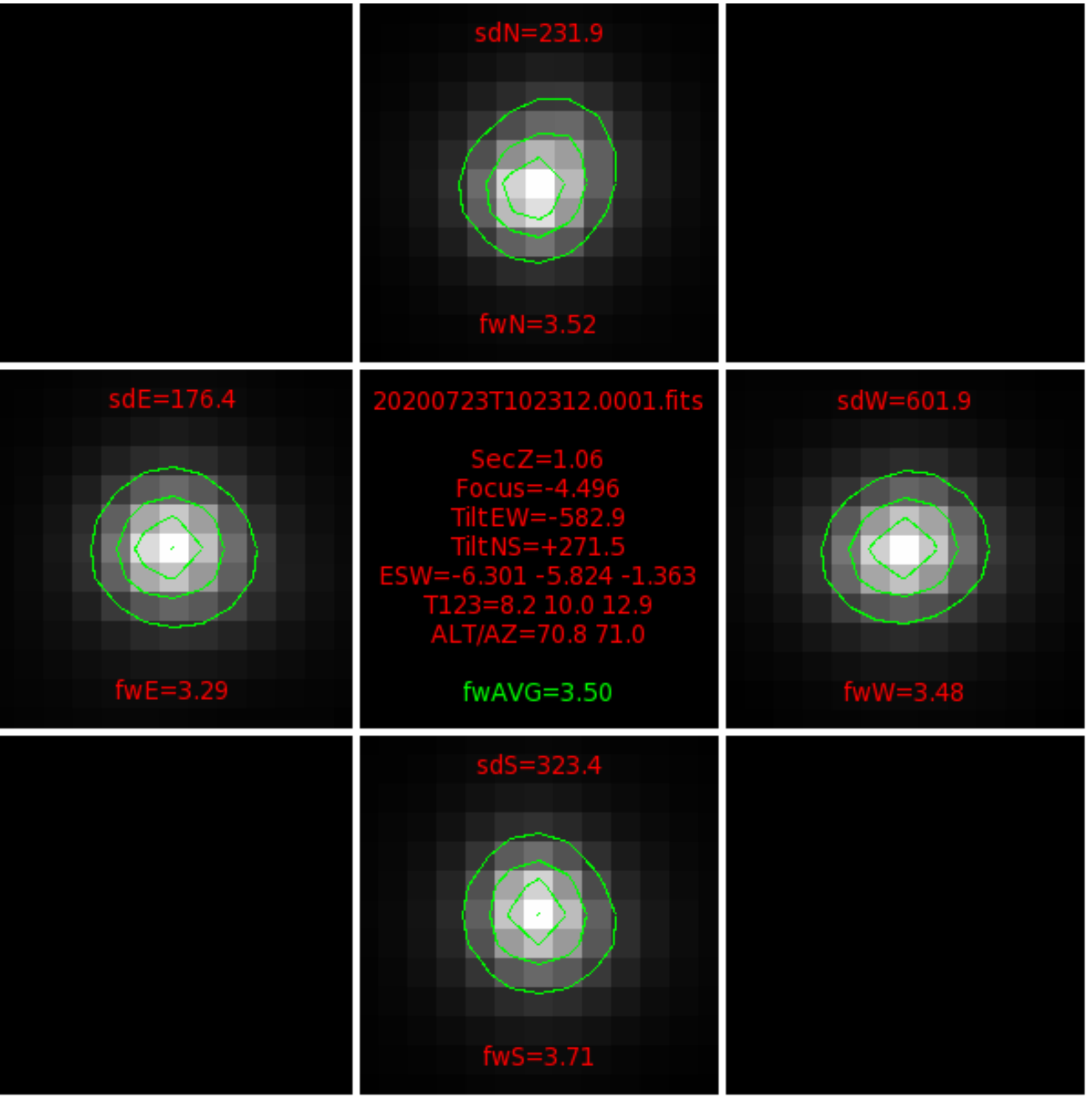
sdN=231.9
fwN=3.52
sdE=176.4
fwE=3.29
20200723T102312.0001.fits
SecZ=1.06
Focus=-4.496
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.301 -5.824 -1.363
T123=8.2 10.0 12.9
ALT/AZ=70.8 71.0
fwAVG=3.50
sdW=601.9
fwW=3.48
sdS=323.4
fwS=3.71
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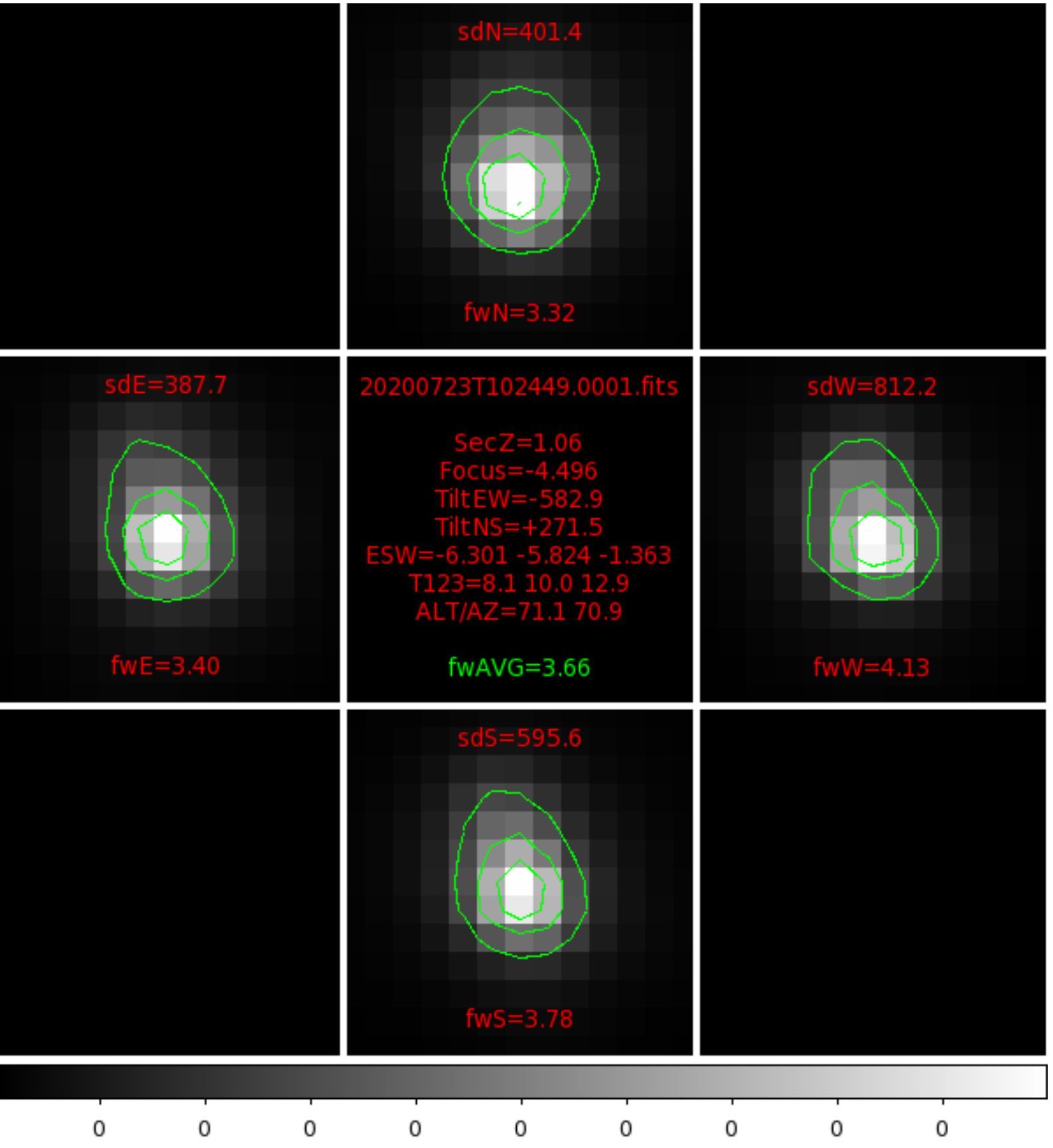
sdN=401.4
fwN=3.32
sdE=387.7
fwE=3.40
20200723T102449.0001.fits
SecZ=1.06
Focus=-4.496
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.301 -5.824 -1.363
T123=8.1 10.0 12.9
ALT/AZ=71.1 70.9
fwAVG=3.66
sdW=812.2
fwW=4.13
sdS=595.6
fwS=3.78
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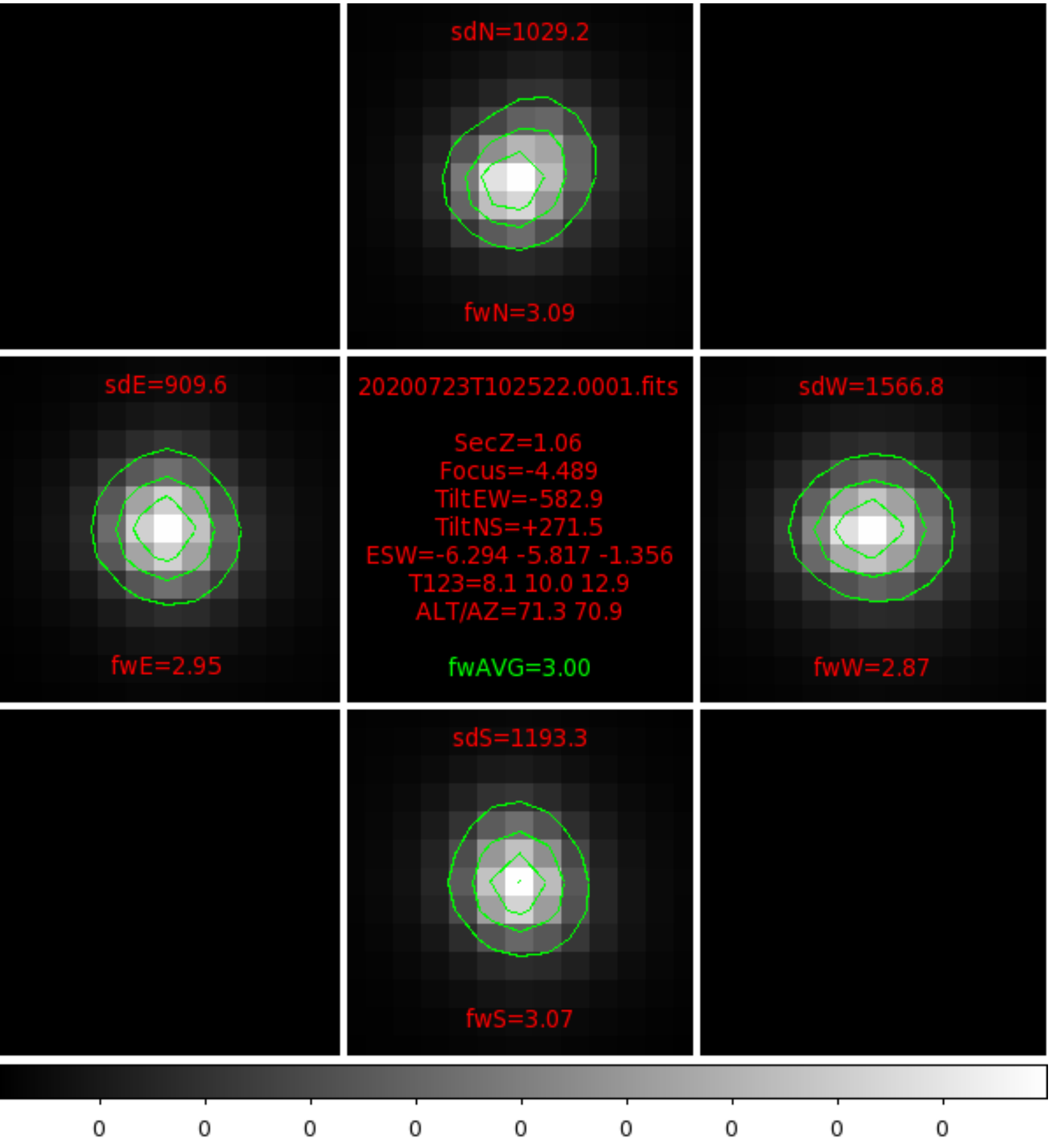
sdN=1029.2
fwN=3.09
sdE=909.6
fwE=2.95
20200723T102522.0001.fits
SecZ=1.06
Focus=-4.489
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.294 -5.817 -1.356
T123=8.1 10.0 12.9
ALT/AZ=71.3 70.9
fwAVG=3.00
sdW=1566.8
fwW=2.87
sdS=1193.3
fwS=3.07
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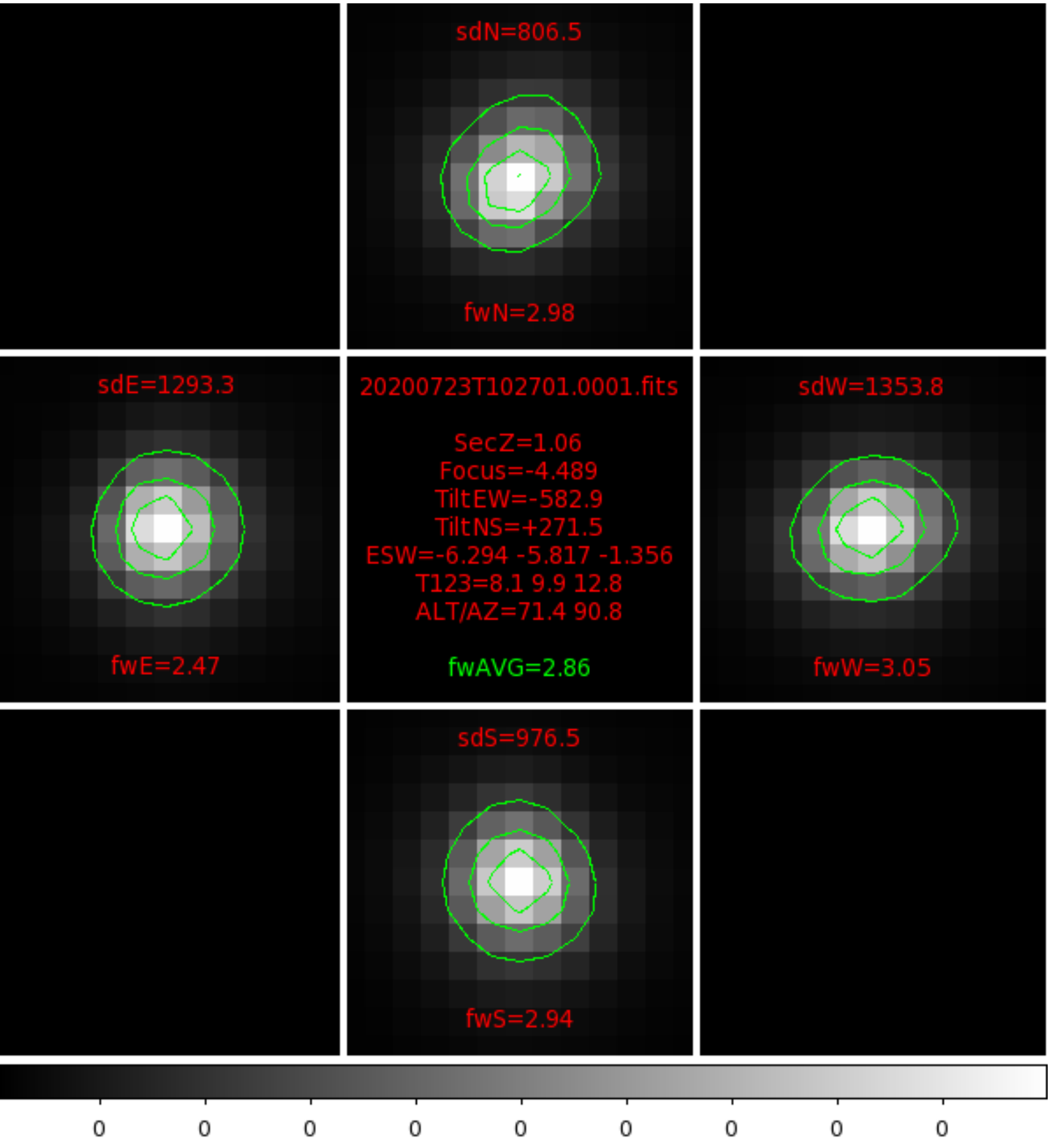
sdN=806.5
fwN=2.98
sdE=1293.3
fwE=2.47
20200723T102701.0001.fits
SecZ=1.06
Focus=-4.489
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.294 -5.817 -1.356
T123=8.1 9.9 12.8
ALT/AZ=71.4 90.8
fwAVG=2.86
sdW=1353.8
fwW=3.05
sdS=976.5
fwS=2.94
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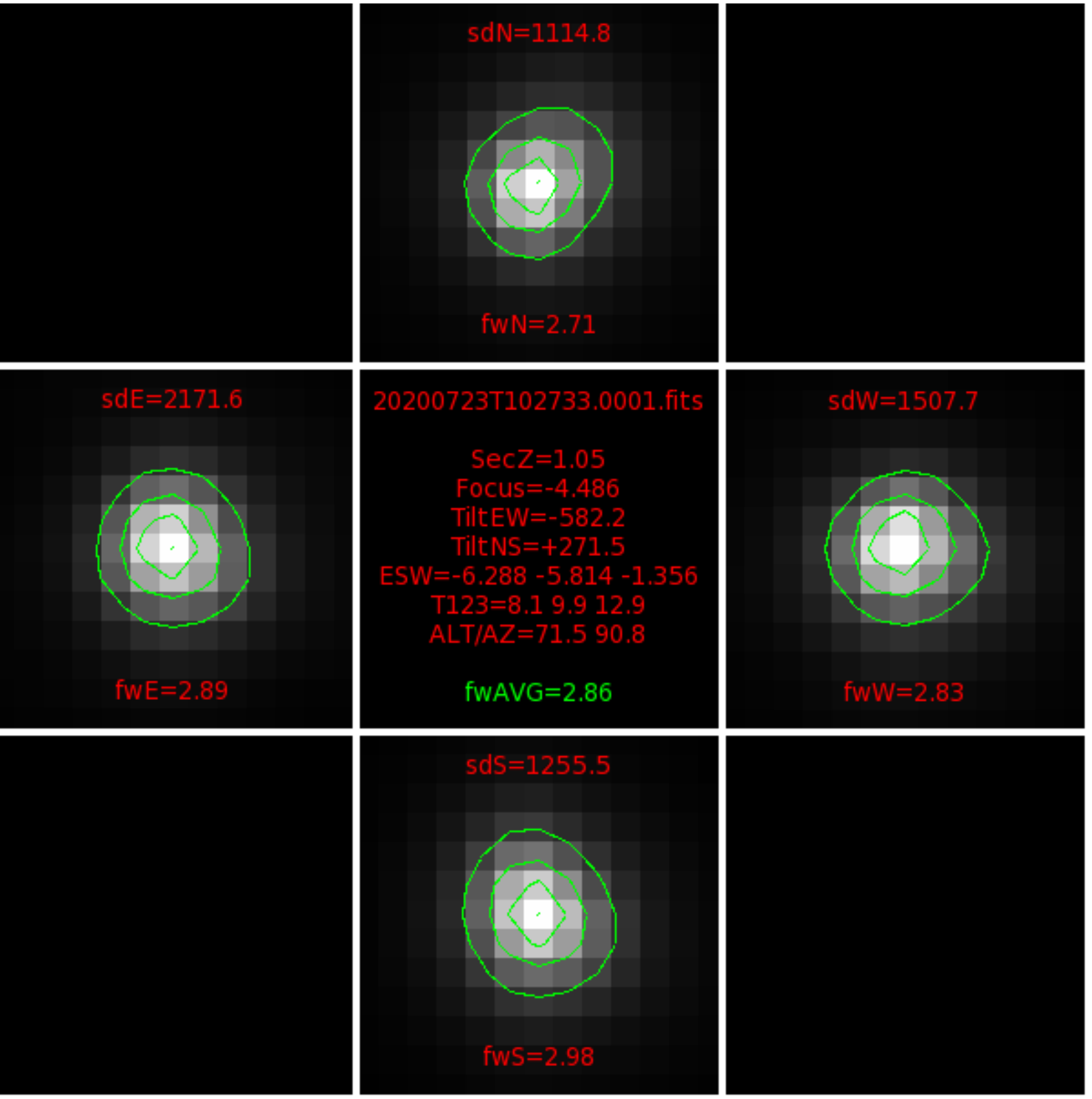
sdN=1114.8
fwN=2.71
sdE=2171.6
fwE=2.89
20200723T102733.0001.fits
SecZ=1.05
Focus=-4.486
TiltEW=-582.2
TiltNS=+271.5
ESW=-6.288 -5.814 -1.356
T123=8.1 9.9 12.9
ALT/AZ=71.5 90.8
fwAVG=2.86
sdW=1507.7
fwW=2.83
sdS=1255.5
fwS=2.98
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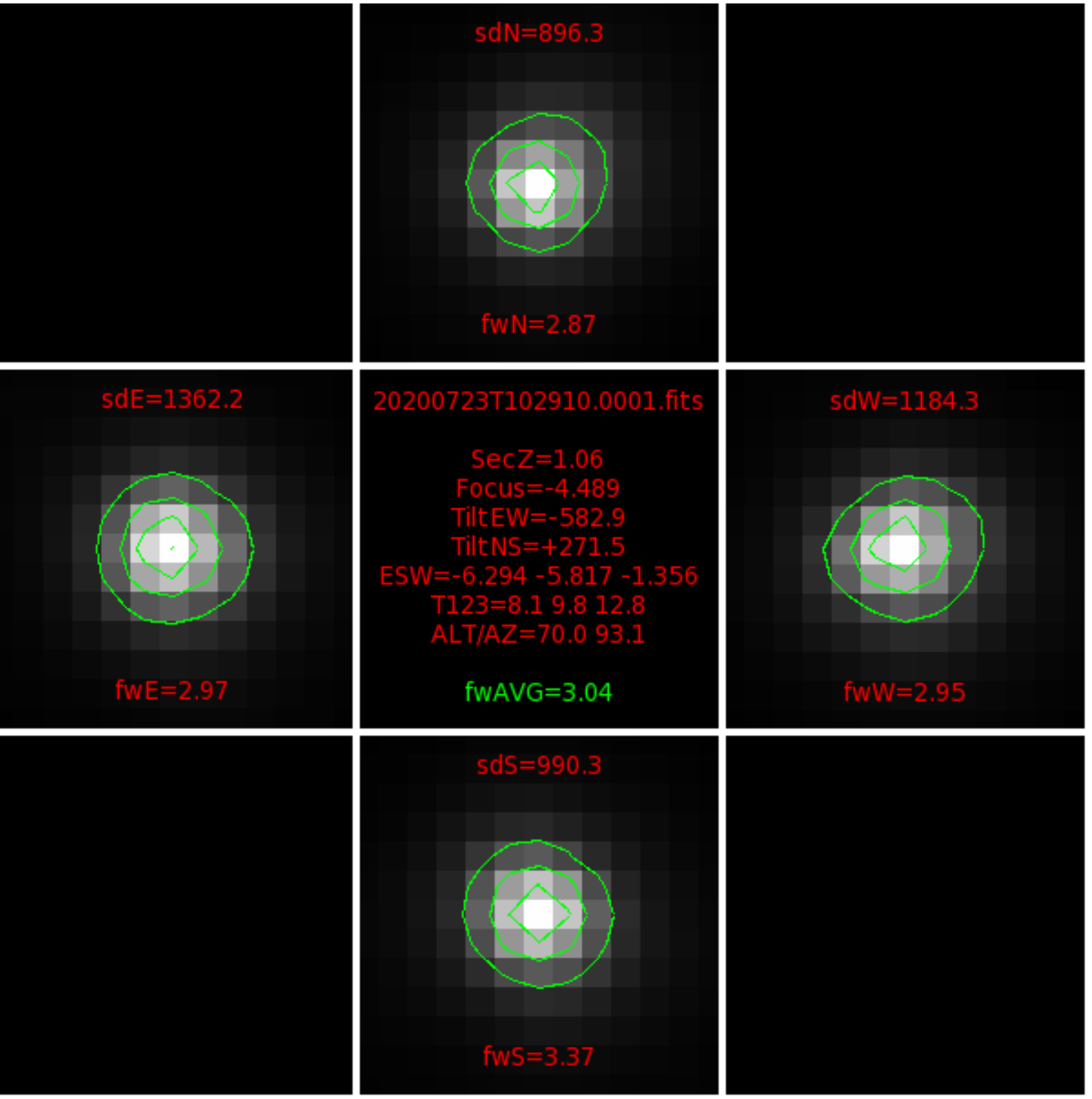
sdN=896.3
fwN=2.87
sdE=1362.2
fwE=2.97
20200723T102910.0001.fits
SecZ=1.06
Focus=-4.489
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.294 -5.817 -1.356
T123=8.1 9.8 12.8
ALT/AZ=70.0 93.1
fwAVG=3.04
sdW=1184.3
fwW=2.95
sdS=990.3
fwS=3.37
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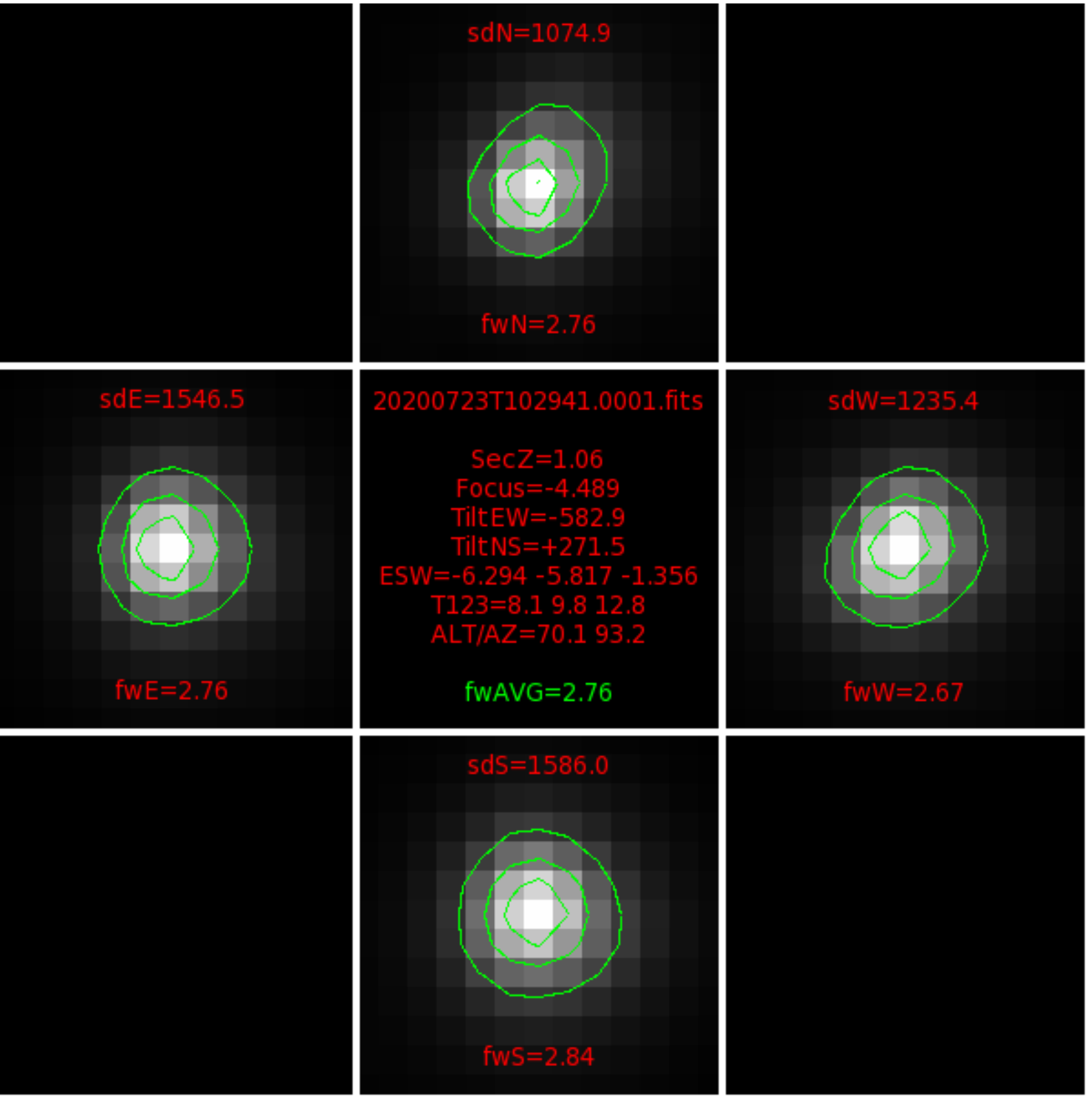
sdN=1074.9
fwN=2.76
sdE=1546.5
fwE=2.76
20200723T102941.0001.fits
SecZ=1.06
Focus=-4.489
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.294 -5.817 -1.356
T123=8.1 9.8 12.8
ALT/AZ=70.1 93.2
fwAVG=2.76
sdW=1235.4
fwW=2.67
sdS=1586.0
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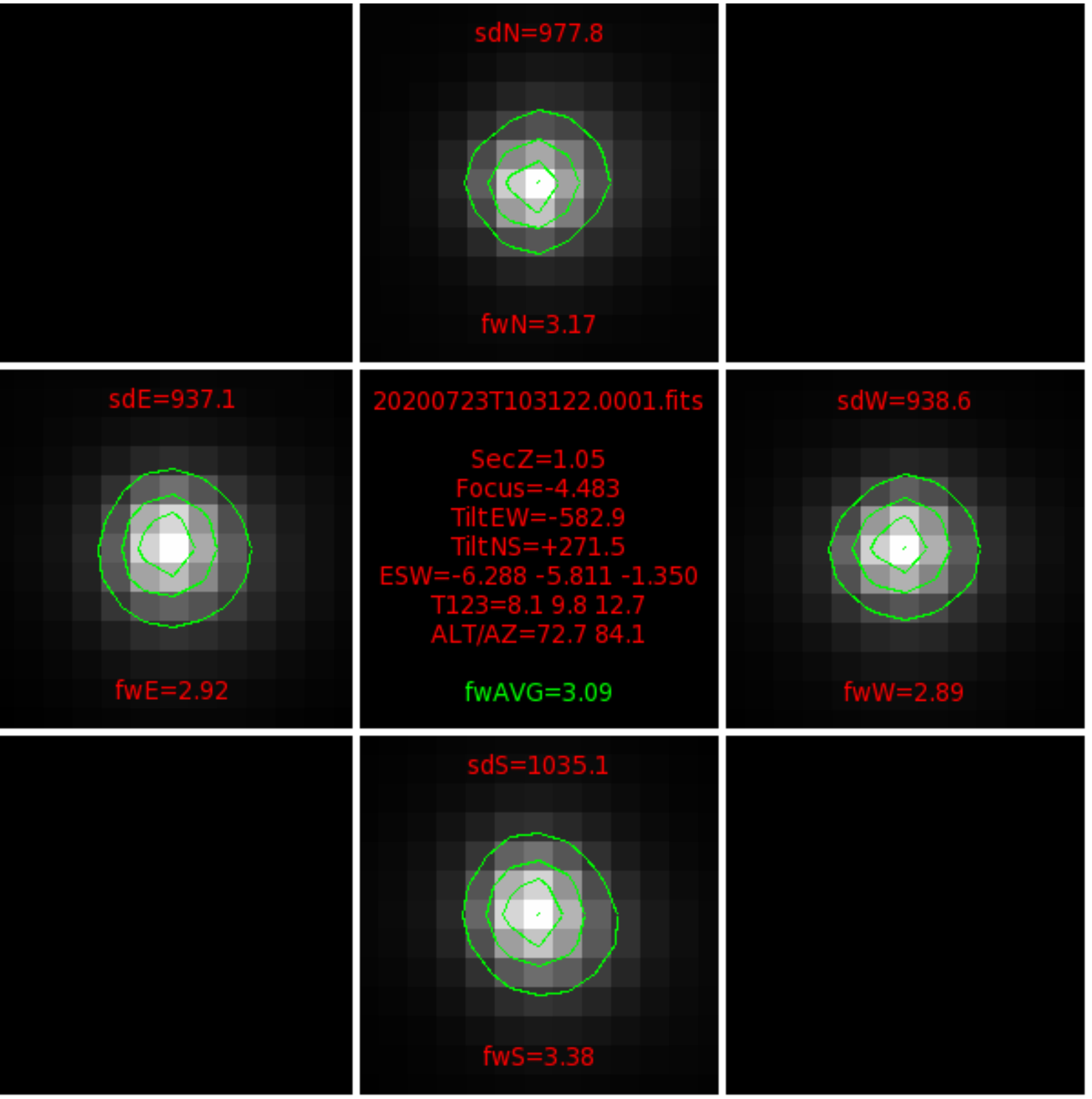
sdN=977.8
fwN=3.17
sdE=937.1
fwE=2.92
20200723T103122.0001.fits
SecZ=1.05
Focus=-4.483
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.288 -5.811 -1.350
T123=8.1 9.8 12.7
ALT/AZ=72.7 84.1
fwAVG=3.09
sdW=938.6
fwW=2.89
sdS=1035.1
fwS=3.38
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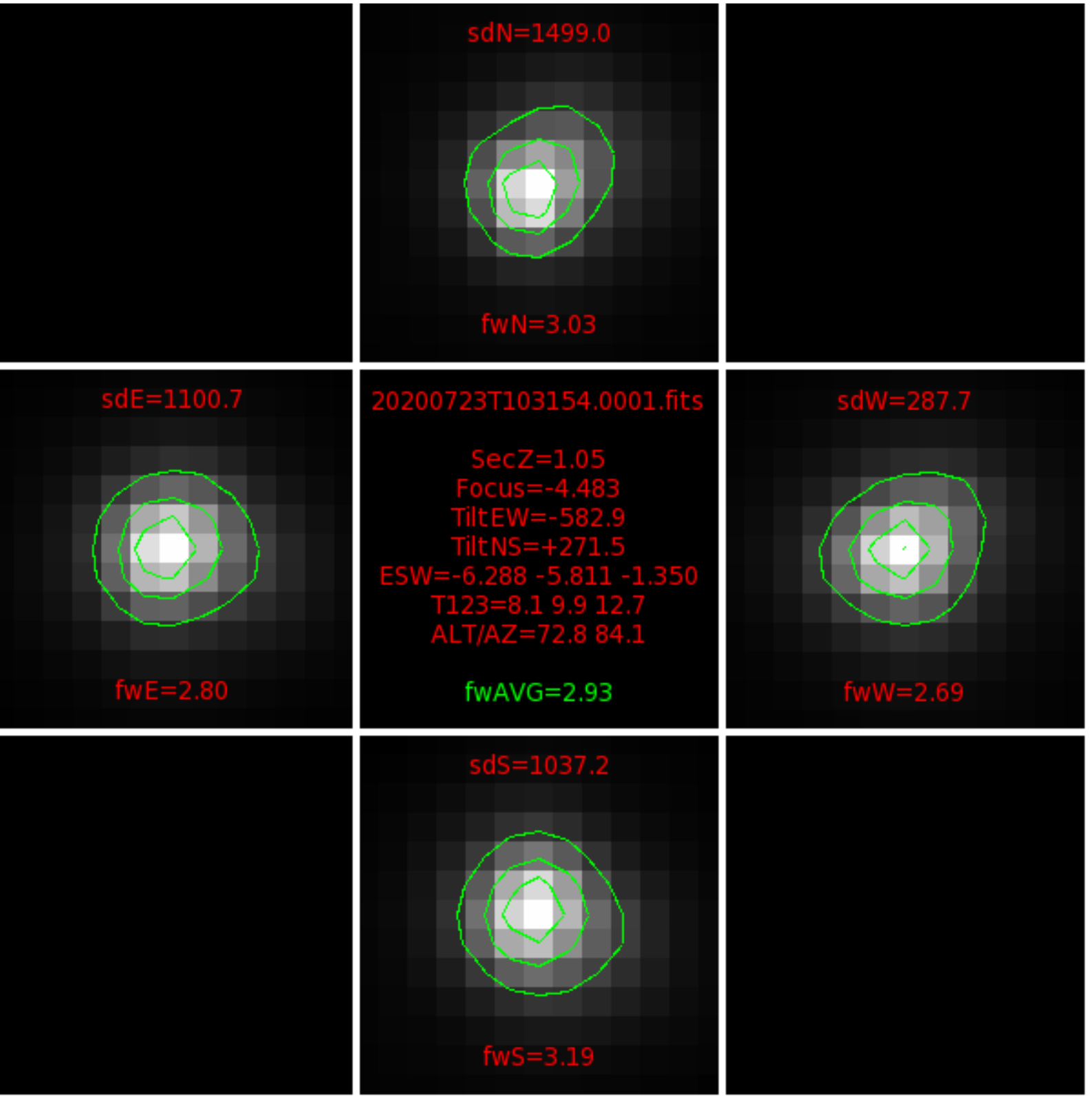
sdN=1499.0
fwN=3.03
sdE=1100.7
fwE=2.80
20200723T103154.0001.fits
SecZ=1.05
Focus=-4.483
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.288 -5.811 -1.350
T123=8.1 9.9 12.7
ALT/AZ=72.8 84.1
fwAVG=2.93
sdW=287.7
fwW=2.69
sdS=1037.2
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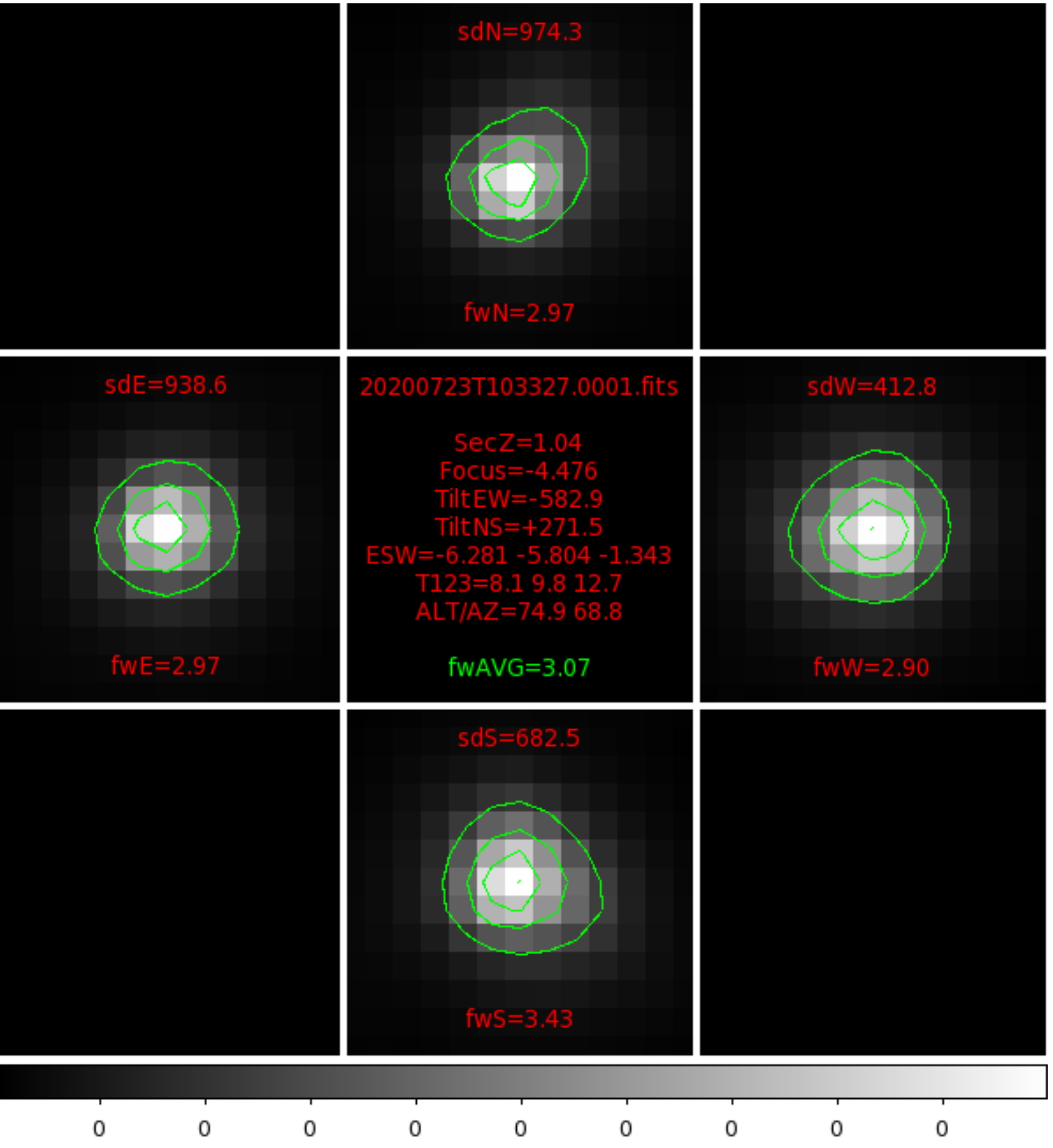
sdN=974.3
fwN=2.97
sdE=938.6
fwE=2.97
20200723T103327.0001.fits
SecZ=1.04
Focus=-4.476
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.281 -5.804 -1.343
T123=8.1 9.8 12.7
ALT/AZ=74.9 68.8
fwAVG=3.07
sdW=412.8
fwW=2.90
sdS=682.5
fwS=3.43
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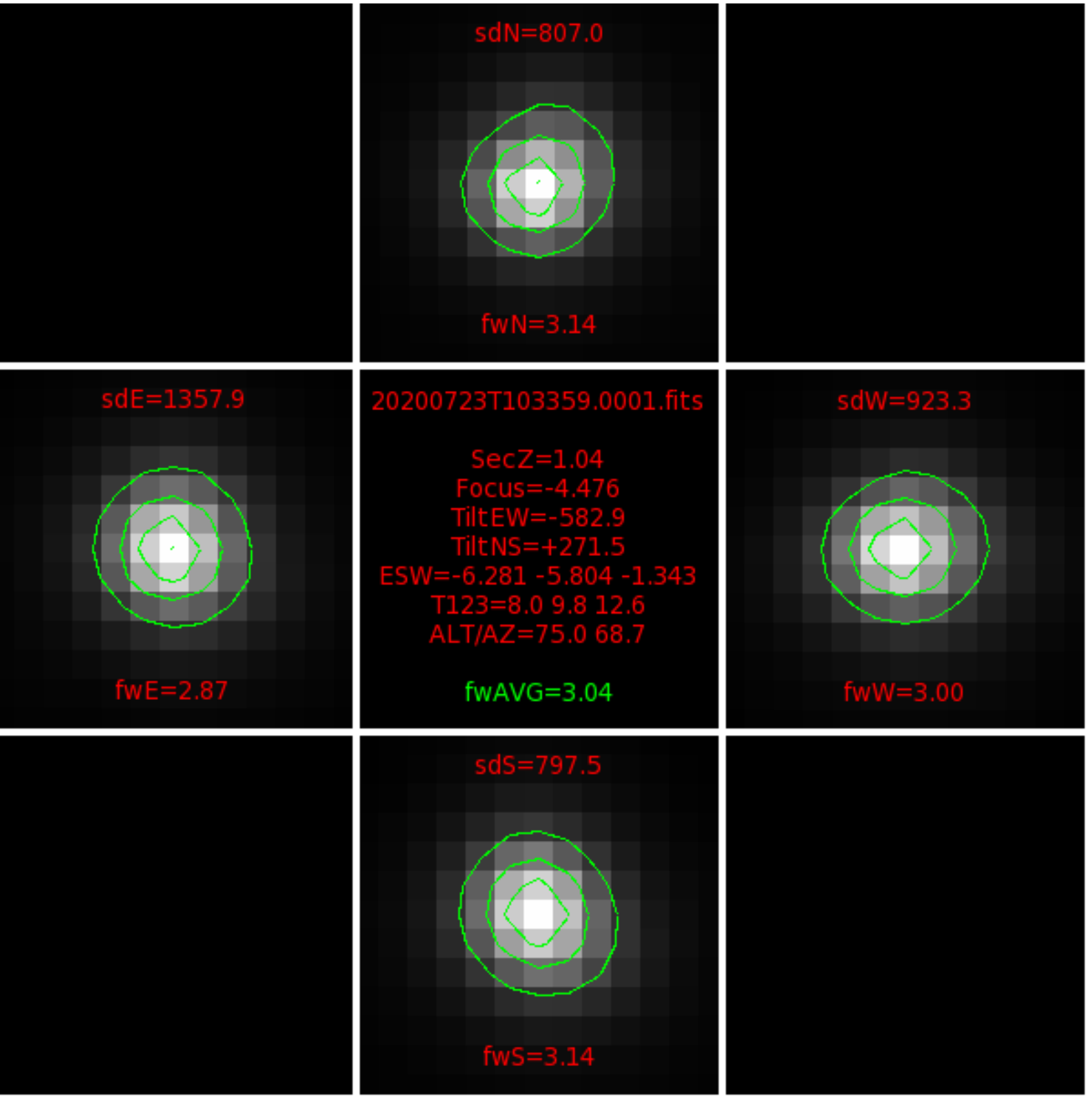
sdN=807.0
fwN=3.14
sdE=1357.9
fwE=2.87
20200723T103359.0001.fits
SecZ=1.04
Focus=-4.476
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.281 -5.804 -1.343
T123=8.0 9.8 12.6
ALT/AZ=75.0 68.7
fwAVG=3.04
sdW=923.3
fwW=3.00
sdS=797.5
fwS=3.14
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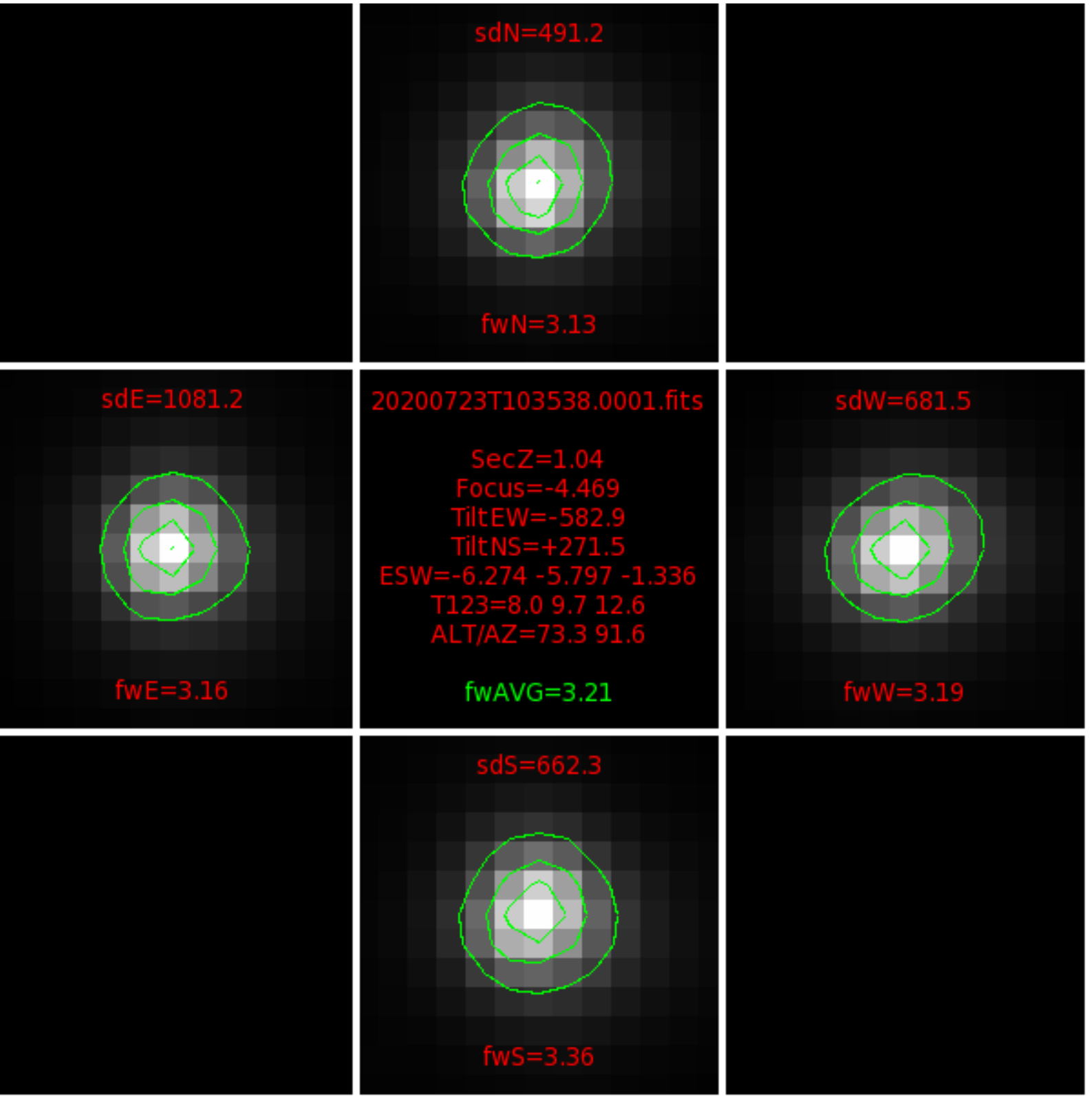
sdN=491.2
fwN=3.13
sdE=1081.2
fwE=3.16
20200723T103538.0001.fits
SecZ=1.04
Focus=-4.469
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.274 -5.797 -1.336
T123=8.0 9.7 12.6
ALT/AZ=73.3 91.6
fwAVG=3.21
sdW=681.5
fwW=3.19
sdS=662.3
fwS=3.36
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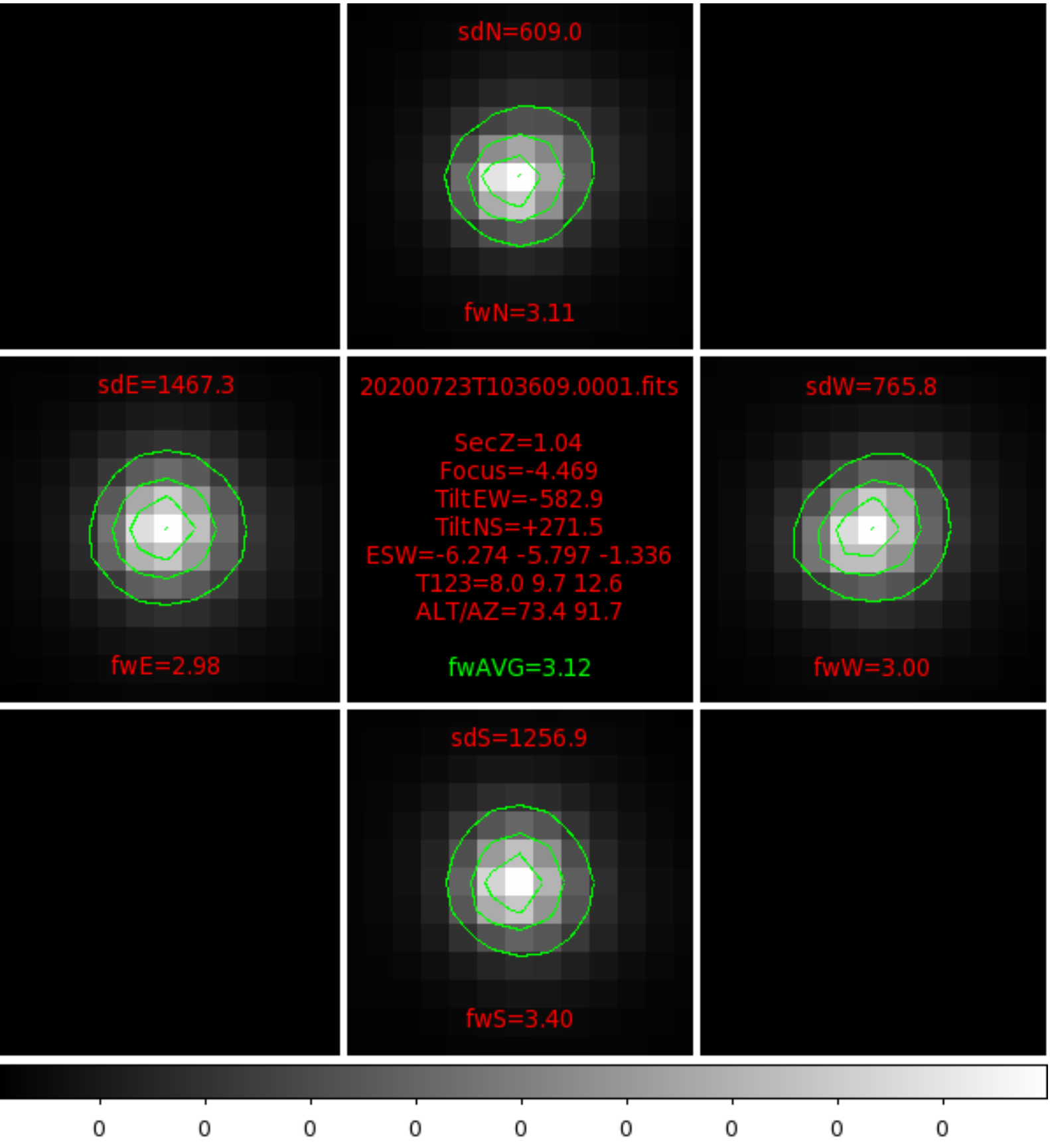
sdN=609.0
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sdE=1467.3
fwE=2.98
20200723T103609.0001.fits
SecZ=1.04
Focus=-4.469
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.274 -5.797 -1.336
T123=8.0 9.7 12.6
ALT/AZ=73.4 91.7
fwAVG=3.12
sdW=765.8
fwW=3.00
sdS=1256.9
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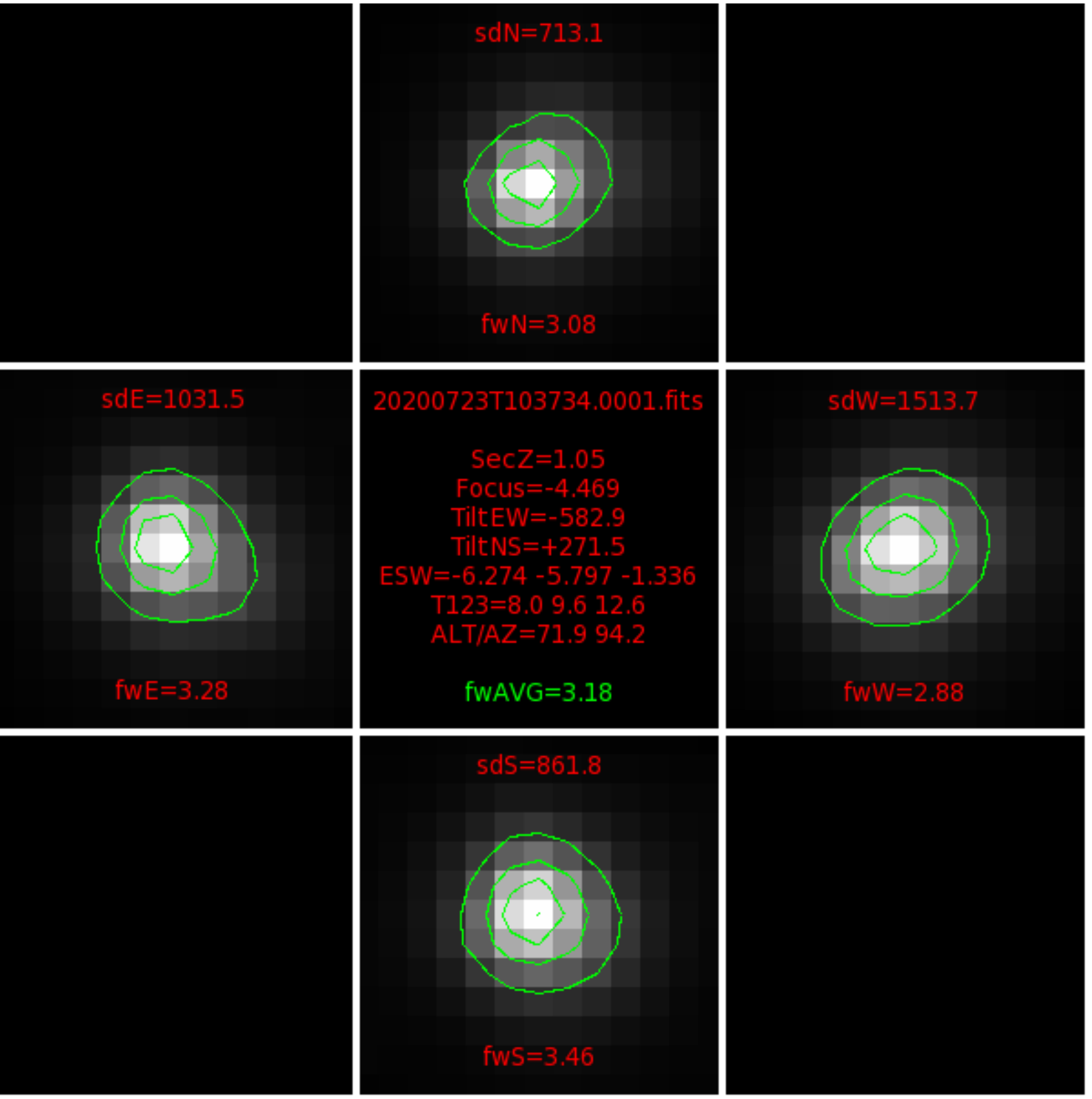
sdN=713.1
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sdE=1031.5
fwE=3.28
20200723T103734.0001.fits
SecZ=1.05
Focus=-4.469
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.274 -5.797 -1.336
T123=8.0 9.6 12.6
ALT/AZ=71.9 94.2
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sdW=1513.7
fwW=2.88
sdS=861.8
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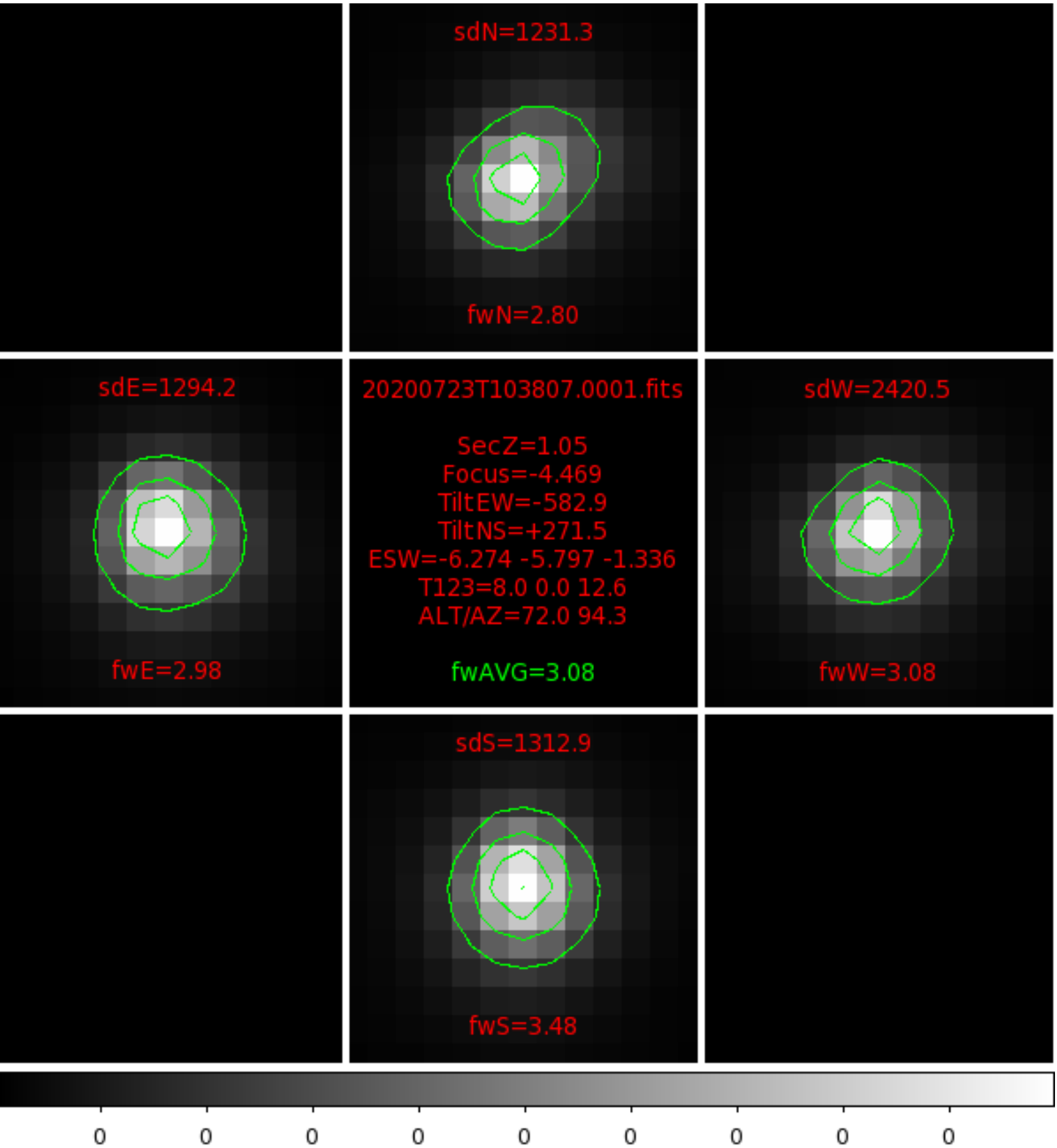
sdN=1231.3
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sdE=1294.2
fwE=2.98
20200723T103807.0001.fits
SecZ=1.05
Focus=-4.469
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.274 -5.797 -1.336
T123=8.0 0.0 12.6
ALT/AZ=72.0 94.3
fwAVG=3.08
sdW=2420.5
fwW=3.08
sdS=1312.9
fwS=3.48
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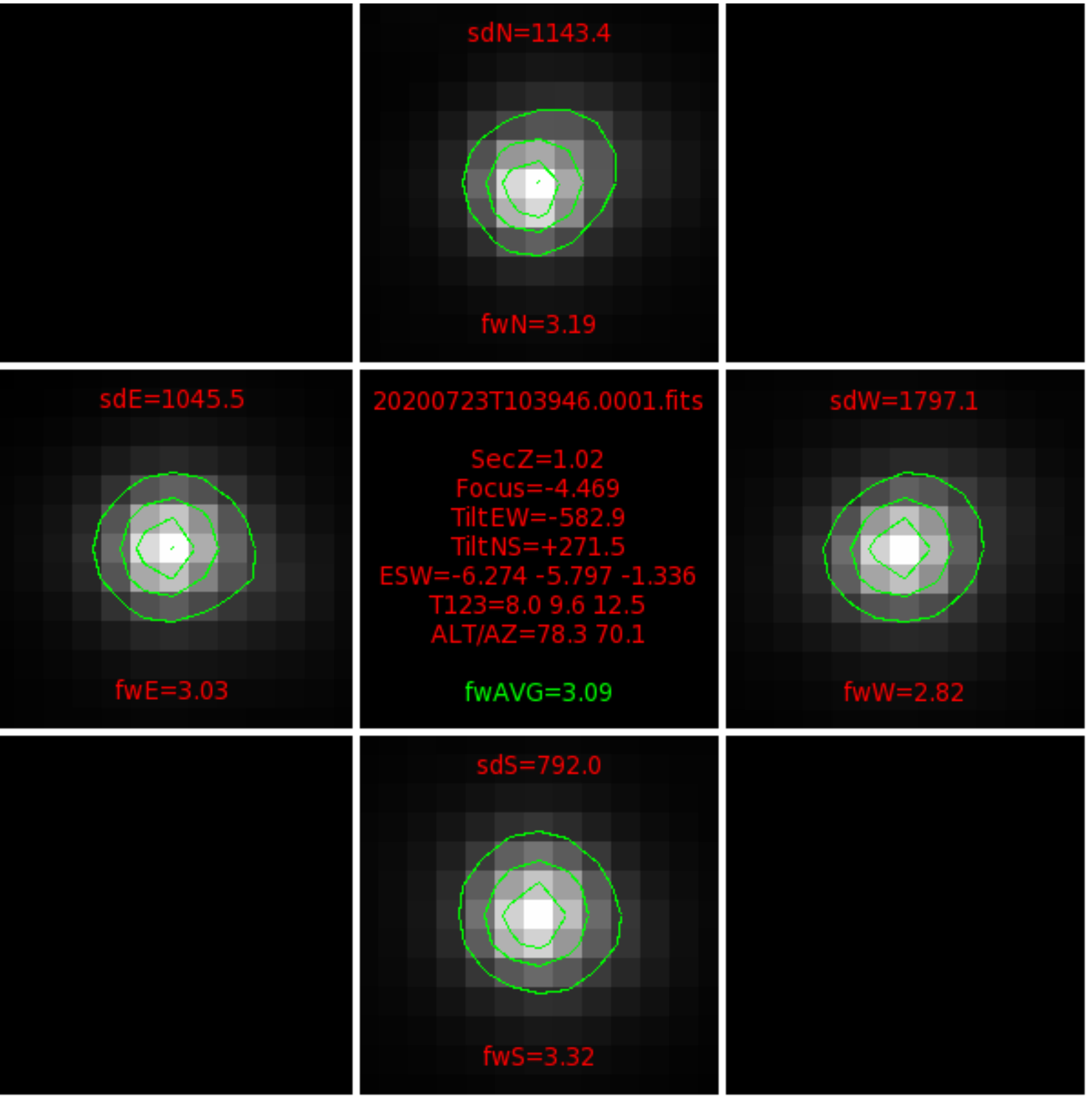
sdN=1143.4
fwN=3.19
sdE=1045.5
fwE=3.03
20200723T103946.0001.fits
SecZ=1.02
Focus=-4.469
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.274 -5.797 -1.336
T123=8.0 9.6 12.5
ALT/AZ=78.3 70.1
fwAVG=3.09
sdW=1797.1
fwW=2.82
sdS=792.0
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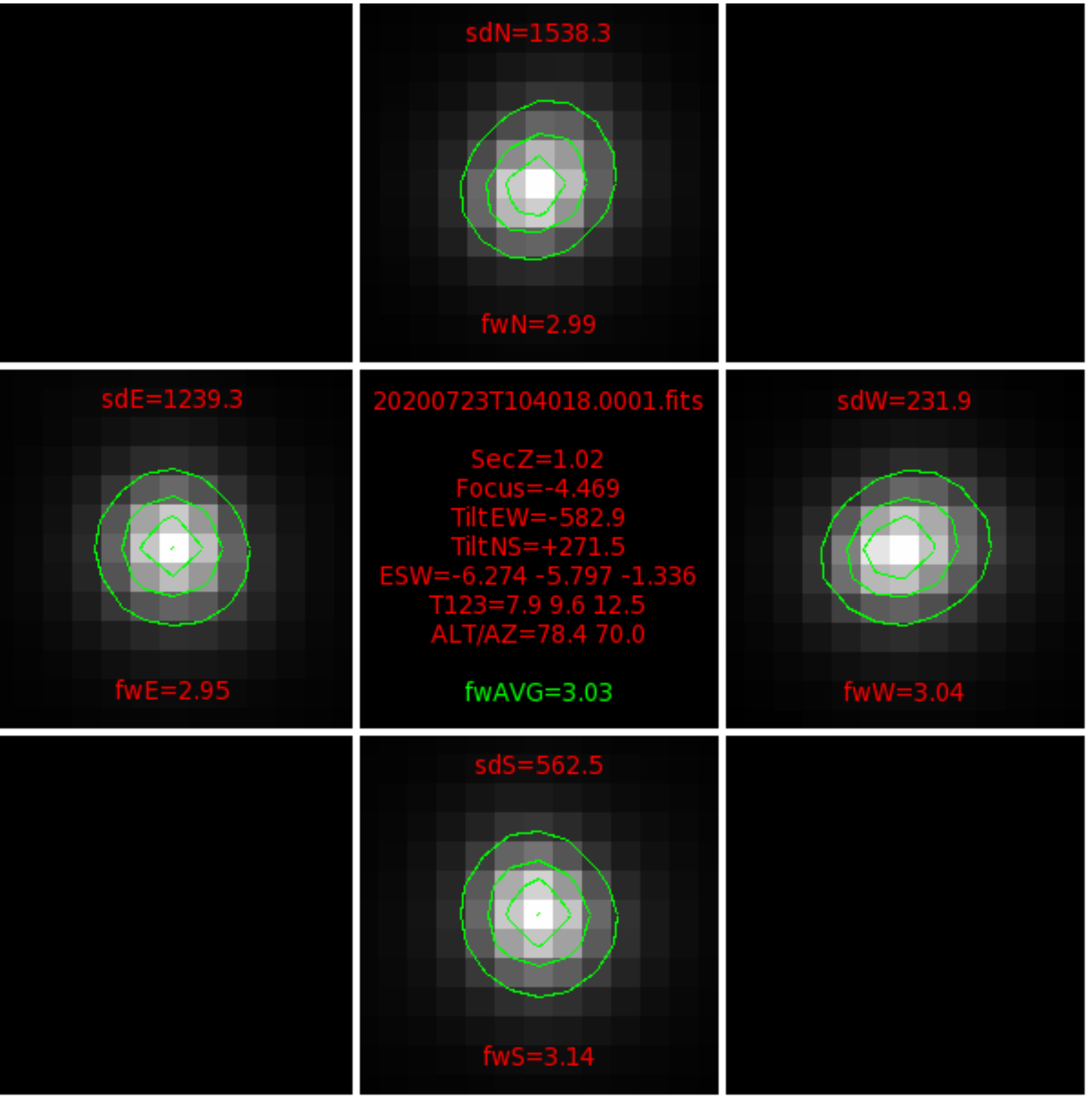
sdN=1538.3
fwN=2.99
sdE=1239.3
fwE=2.95
20200723T104018.0001.fits
SecZ=1.02
Focus=-4.469
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.274 -5.797 -1.336
T123=7.9 9.6 12.5
ALT/AZ=78.4 70.0
fwAVG=3.03
sdW=231.9
fwW=3.04
sdS=562.5
fwS=3.14
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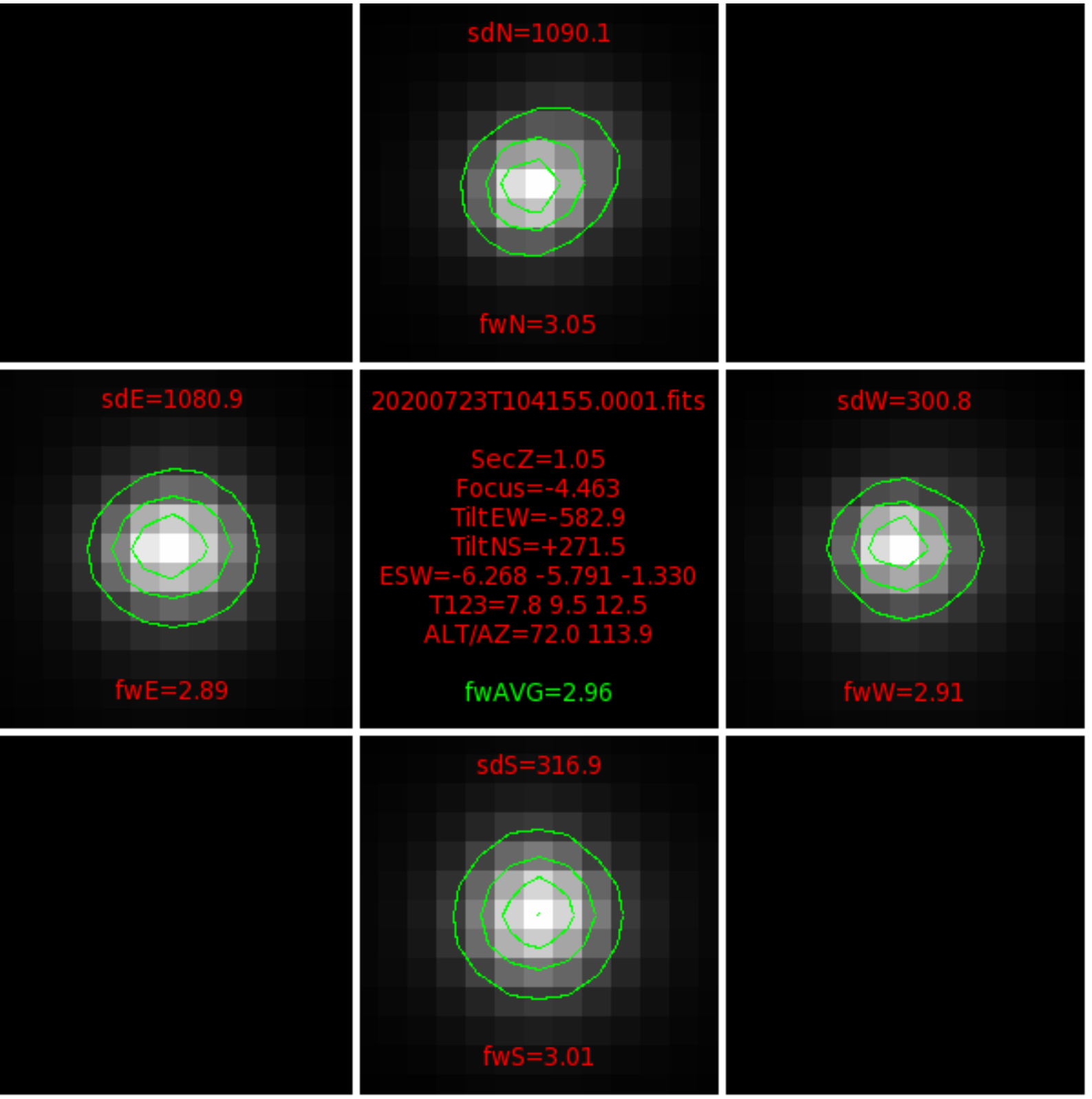
sdN=1090.1
fwN=3.05
sdE=1080.9
fwE=2.89
20200723T104155.0001.fits
SecZ=1.05
Focus=-4.463
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.268 -5.791 -1.330
T123=7.8 9.5 12.5
ALT/AZ=72.0 113.9
fwAVG=2.96
sdW=300.8
fwW=2.91
sdS=316.9
fwS=3.01
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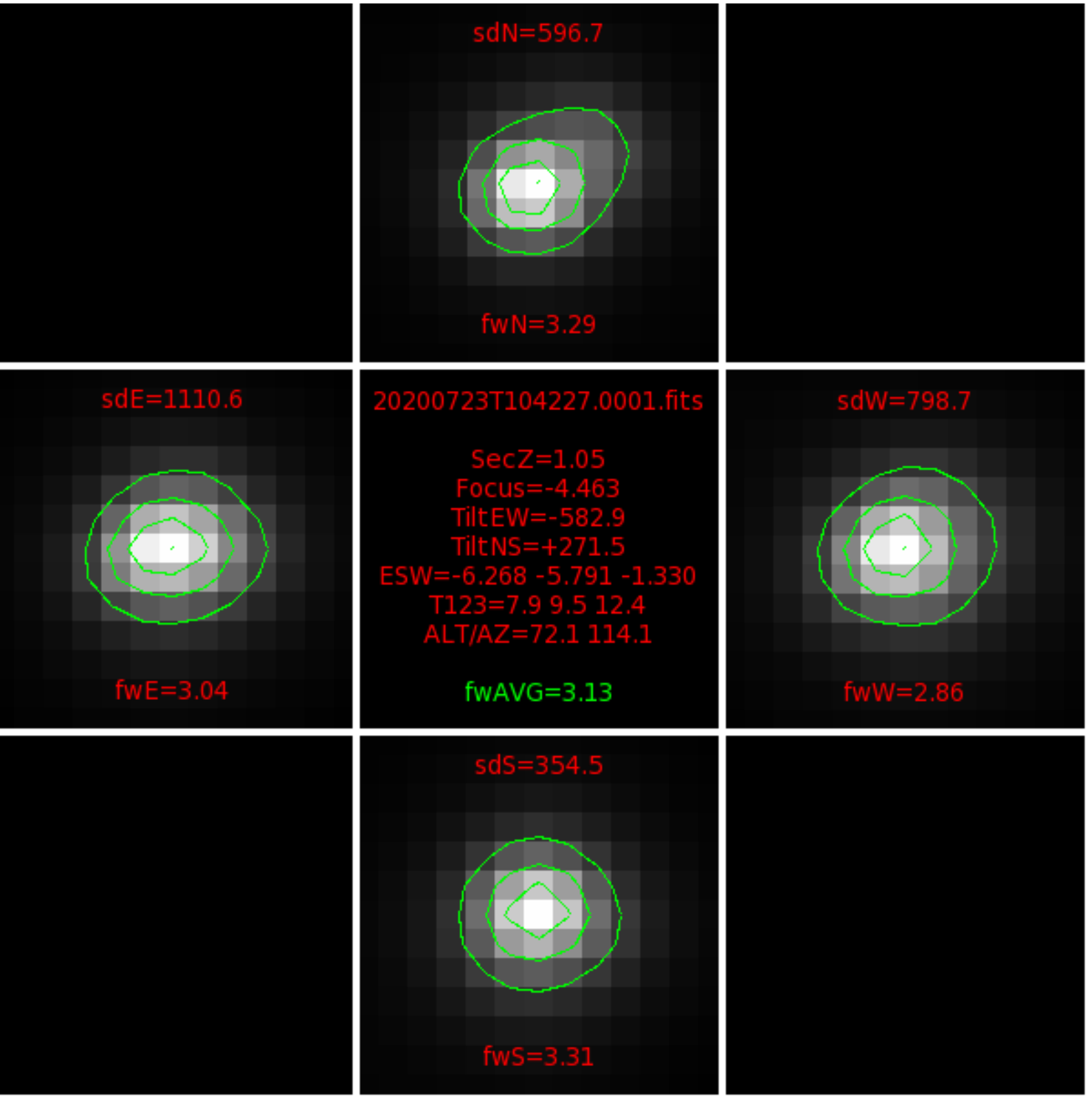
sdN=596.7
fwN=3.29
sdE=1110.6
fwE=3.04
20200723T104227.0001.fits
SecZ=1.05
Focus=-4.463
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.268 -5.791 -1.330
T123=7.9 9.5 12.4
ALT/AZ=72.1 114.1
fwAVG=3.13
sdW=798.7
fwW=2.86
sdS=354.5
fwS=3.31
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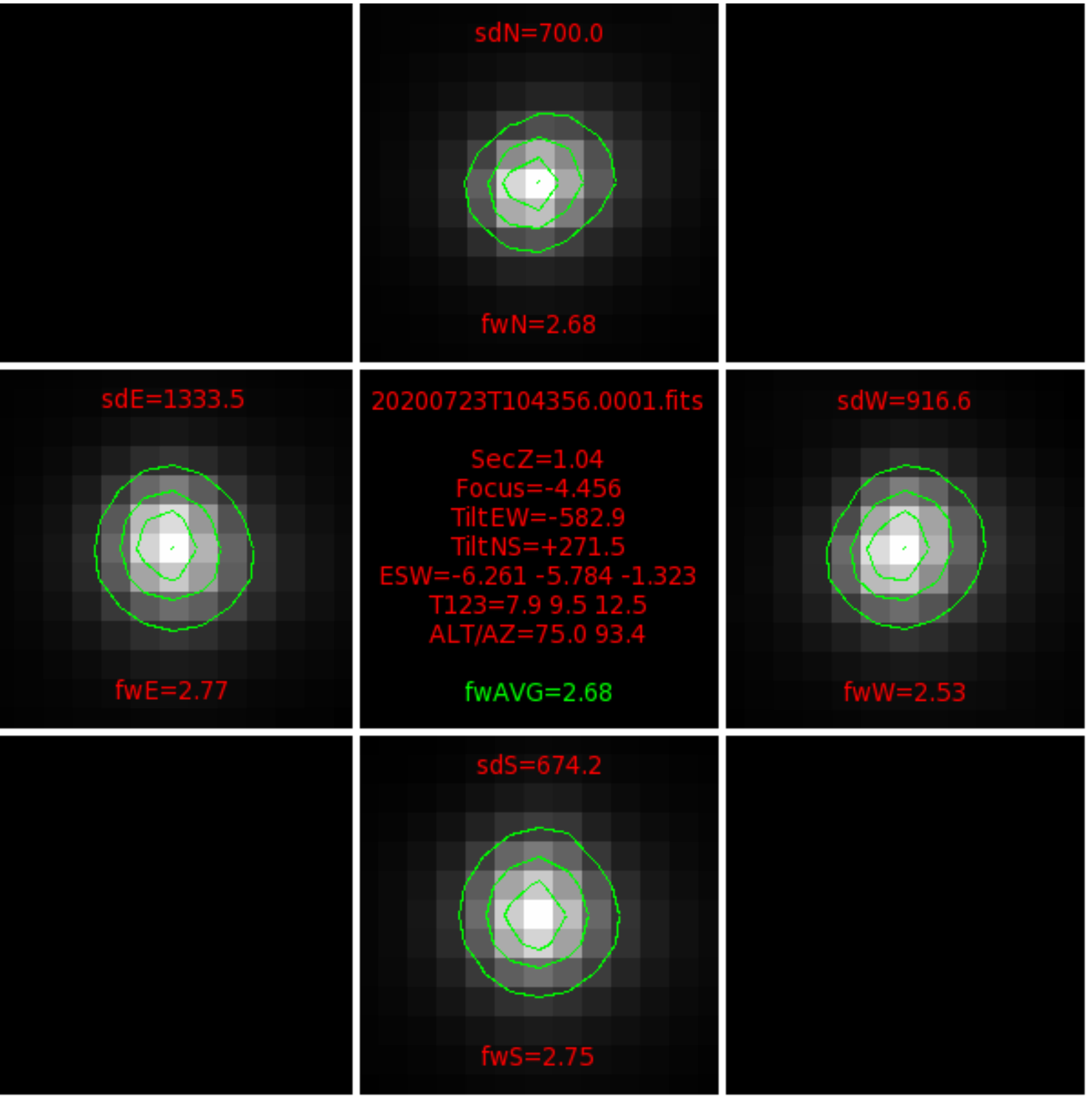
sdN=700.0
fwN=2.68
sdE=1333.5
fwE=2.77
20200723T104356.0001.fits
SecZ=1.04
Focus=-4.456
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.261 -5.784 -1.323
T123=7.9 9.5 12.5
ALT/AZ=75.0 93.4
fwAVG=2.68
sdW=916.6
fwW=2.53
sdS=674.2
fwS=2.75
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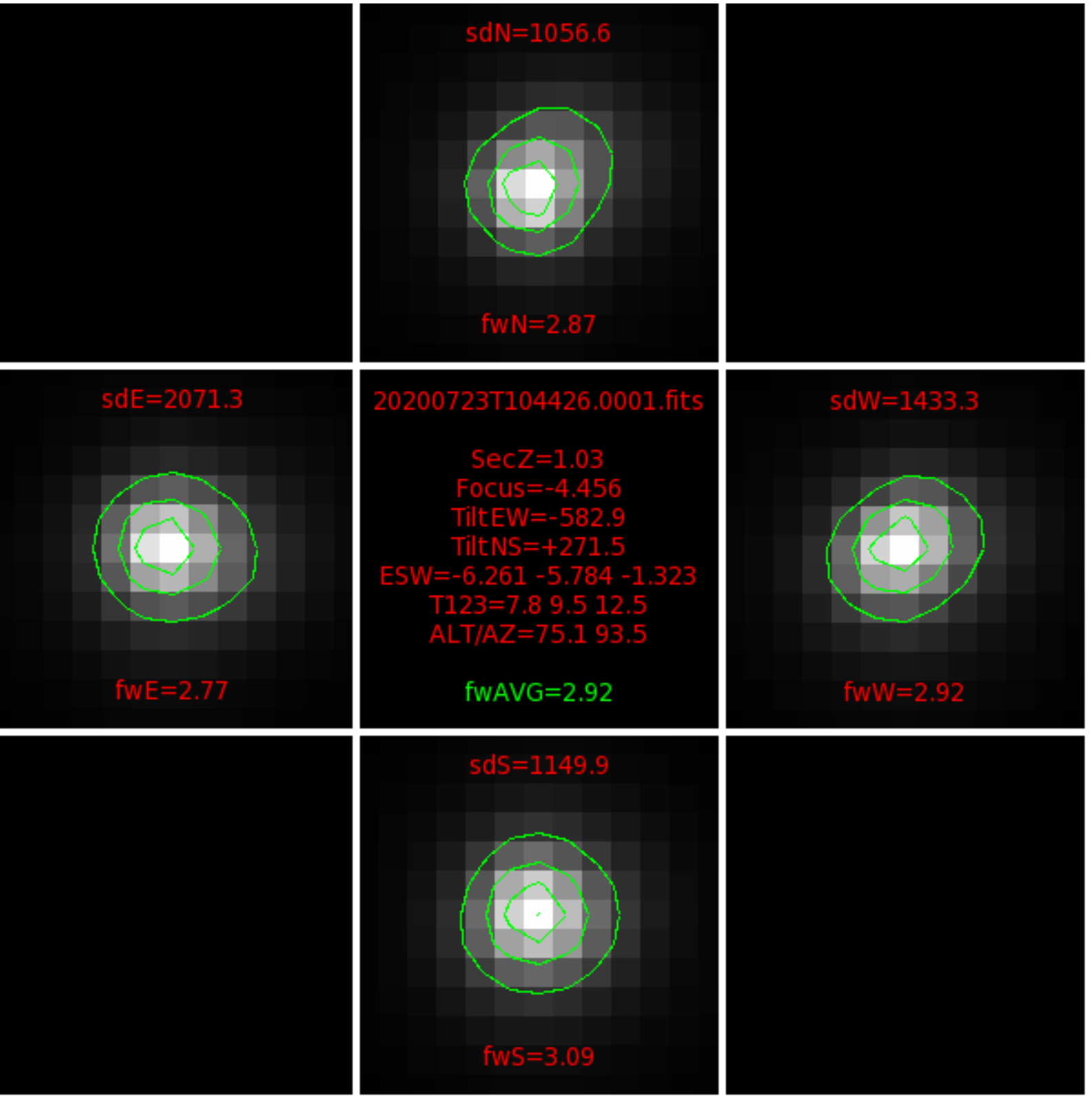
sdN=1056.6
fwN=2.87
sdE=2071.3
fwE=2.77
20200723T104426.0001.fits
SecZ=1.03
Focus=-4.456
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.261 -5.784 -1.323
T123=7.8 9.5 12.5
ALT/AZ=75.1 93.5
fwAVG=2.92
sdW=1433.3
fwW=2.92
sdS=1149.9
fwS=3.09
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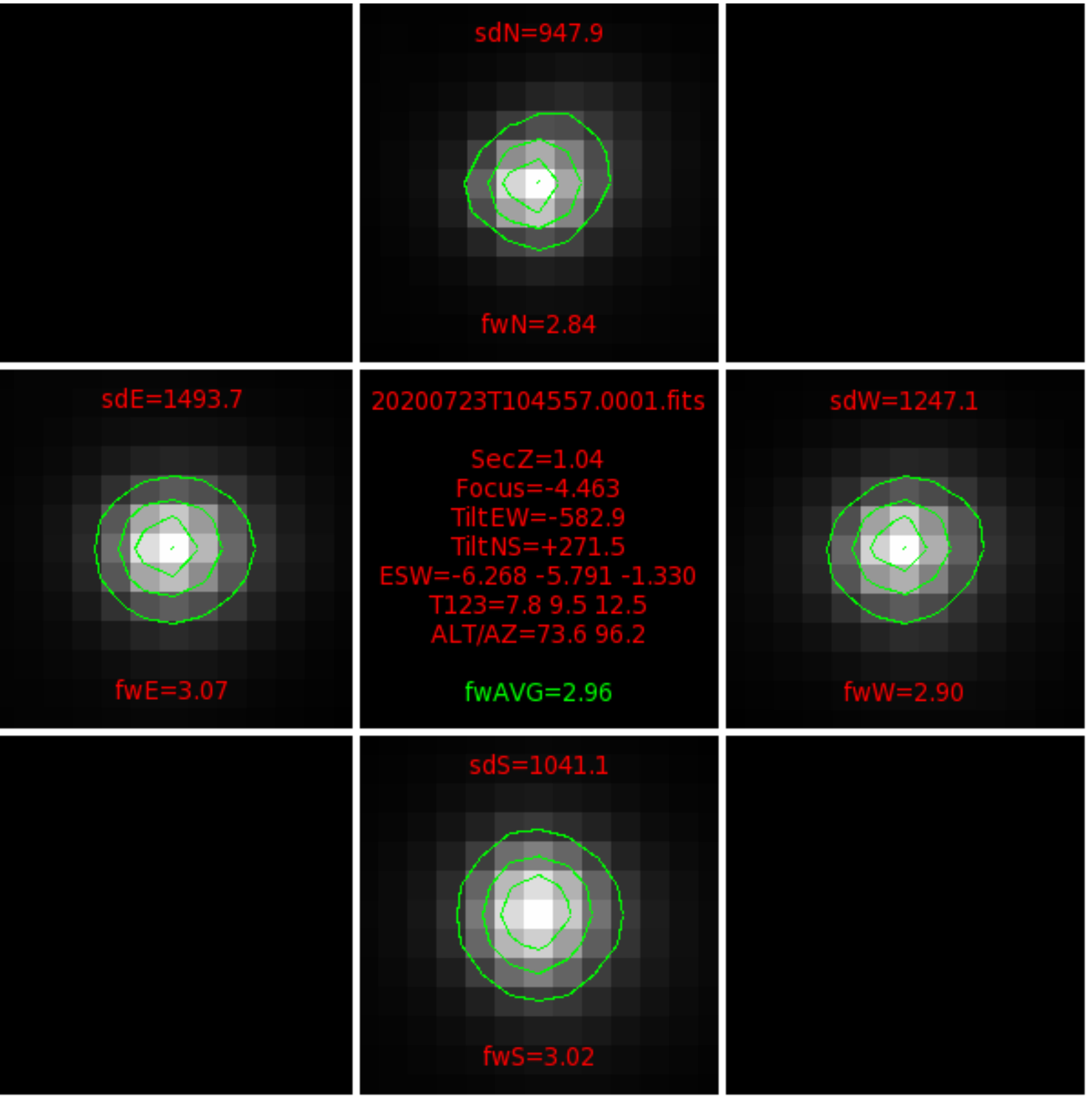
sdN=947.9
fwN=2.84
sdE=1493.7
fwE=3.07
20200723T104557.0001.fits
SecZ=1.04
Focus=-4.463
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.268 -5.791 -1.330
T123=7.8 9.5 12.5
ALT/AZ=73.6 96.2
fwAVG=2.96
sdW=1247.1
fwW=2.90
sdS=1041.1
fwS=3.02
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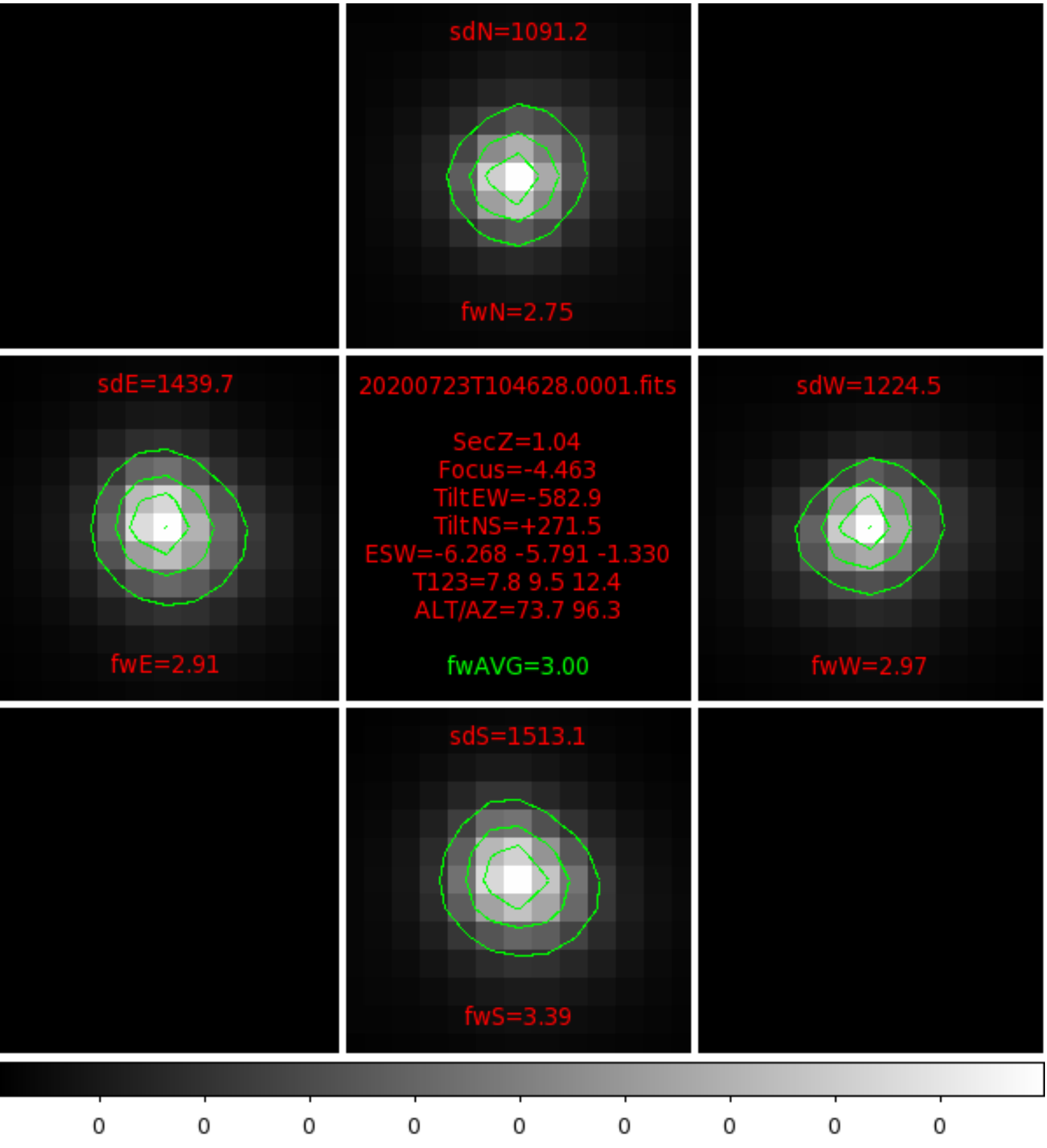
sdN=1091.2
fwN=2.75
sdE=1439.7
fwE=2.91
20200723T104628.0001.fits
SecZ=1.04
Focus=-4.463
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.268 -5.791 -1.330
T123=7.8 9.5 12.4
ALT/AZ=73.7 96.3
fwAVG=3.00
sdW=1224.5
fwW=2.97
sdS=1513.1
fwS=3.39
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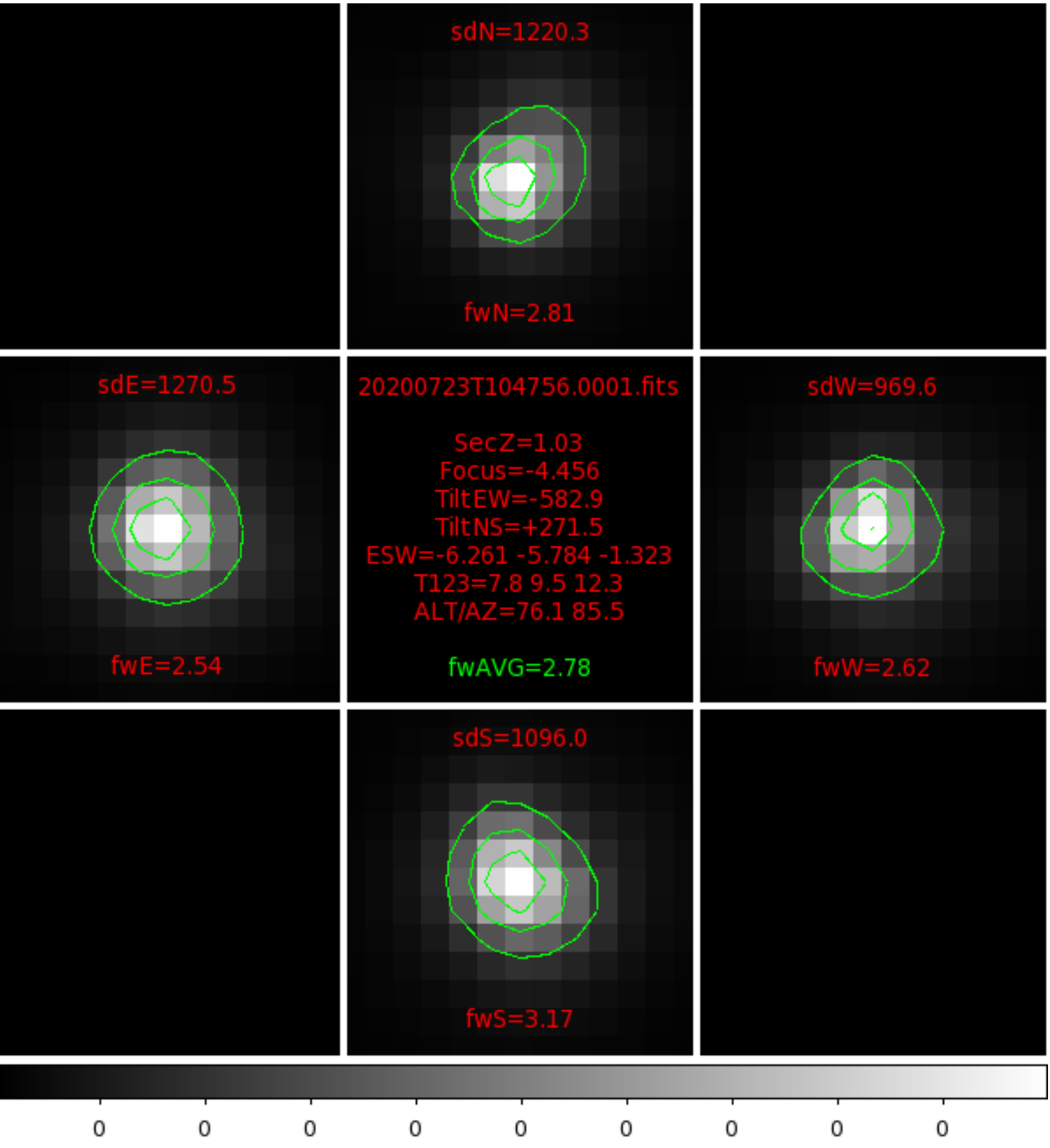
sdN=1220.3
fwN=2.81
sdE=1270.5
fwE=2.54
20200723T104756.0001.fits
SecZ=1.03
Focus=-4.456
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.261 -5.784 -1.323
T123=7.8 9.5 12.3
ALT/AZ=76.1 85.5
fwAVG=2.78
sdW=969.6
fwW=2.62
sdS=1096.0
fwS=3.17
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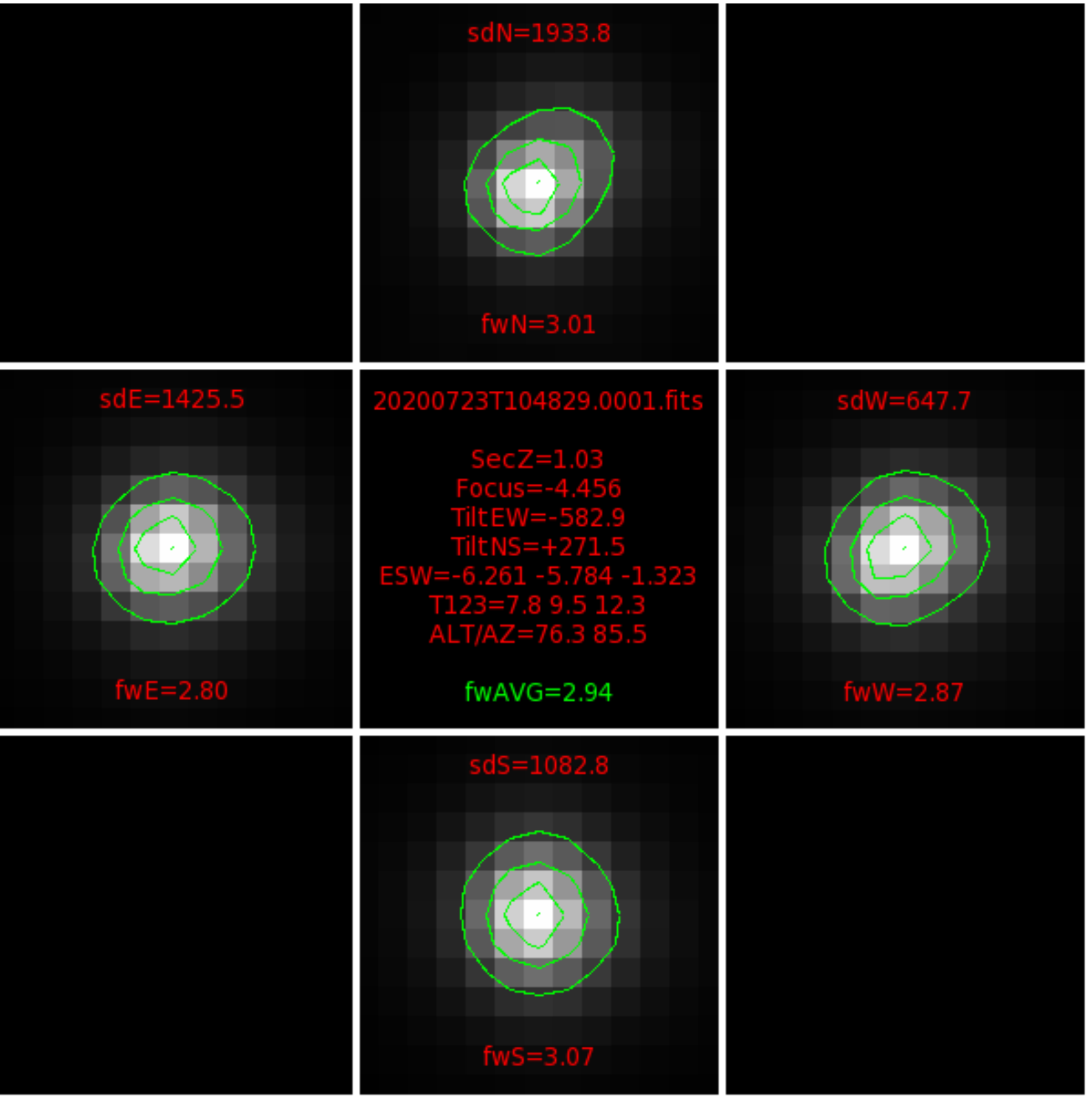
sdN=1933.8
fwN=3.01
sdE=1425.5
fwE=2.80
20200723T104829.0001.fits
SecZ=1.03
Focus=-4.456
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.261 -5.784 -1.323
T123=7.8 9.5 12.3
ALT/AZ=76.3 85.5
fwAVG=2.94
sdW=647.7
fwW=2.87
sdS=1082.8
fwS=3.07
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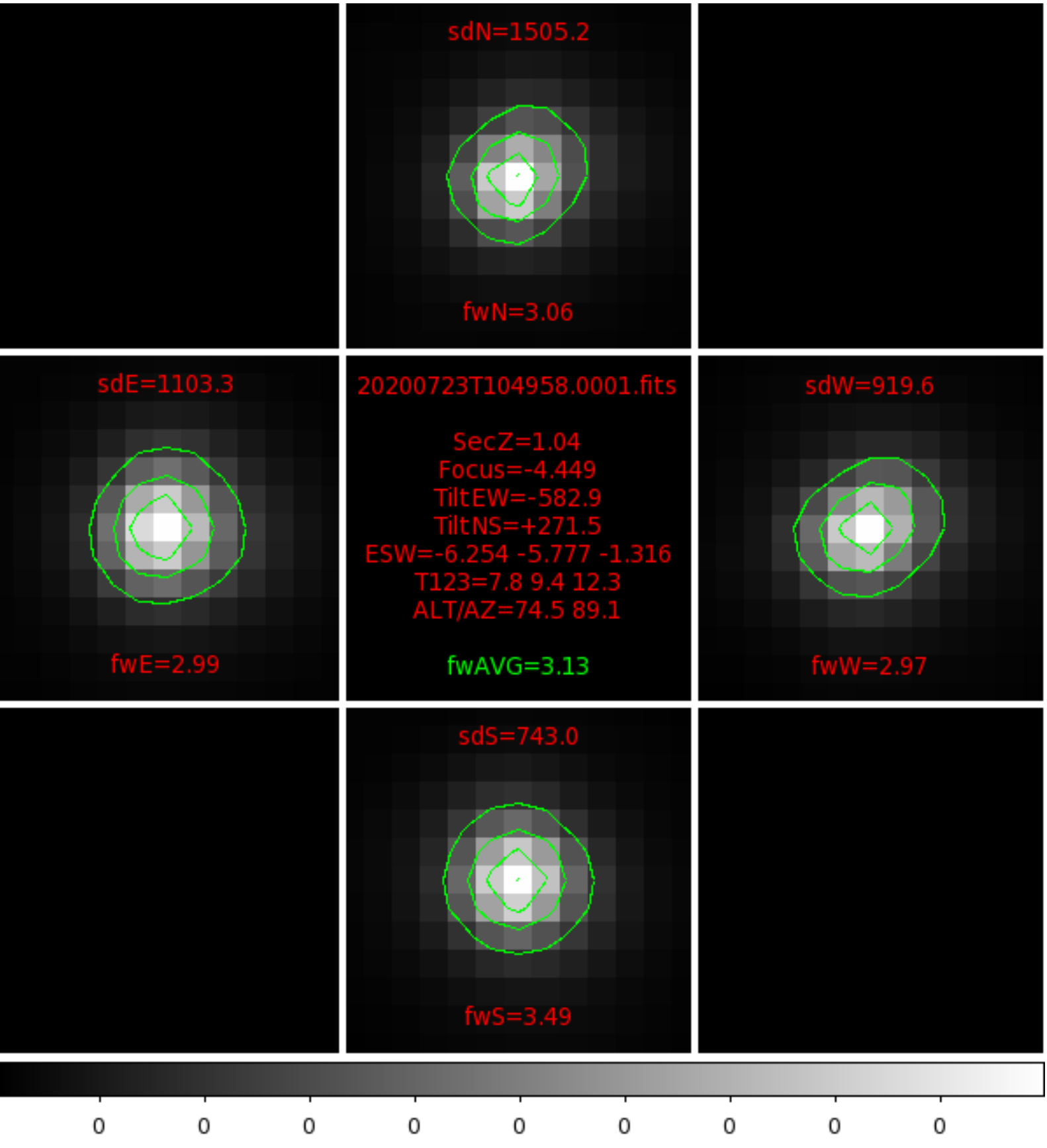
sdN=1505.2
fwN=3.06
sdE=1103.3
fwE=2.99
20200723T104958.0001.fits
SecZ=1.04
Focus=-4.449
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.254 -5.777 -1.316
T123=7.8 9.4 12.3
ALT/AZ=74.5 89.1
fwAVG=3.13
sdW=919.6
fwW=2.97
sdS=743.0
fwS=3.49
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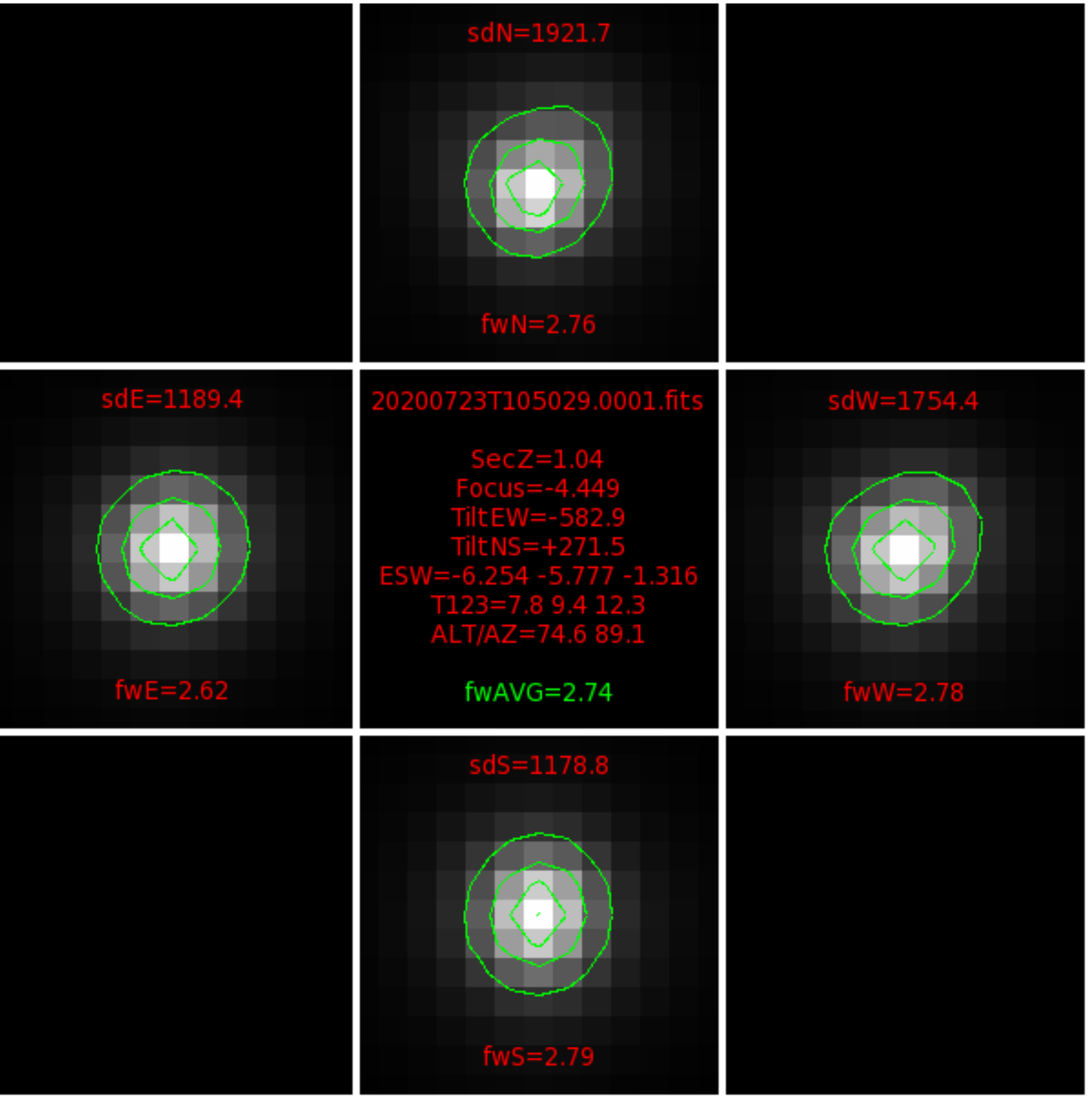
sdN=1921.7
fwN=2.76
sdE=1189.4
fwE=2.62
20200723T105029.0001.fits
SecZ=1.04
Focus=-4.449
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.254 -5.777 -1.316
T123=7.8 9.4 12.3
ALT/AZ=74.6 89.1
fwAVG=2.74
sdW=1754.4
fwW=2.78
sdS=1178.8
fwS=2.79
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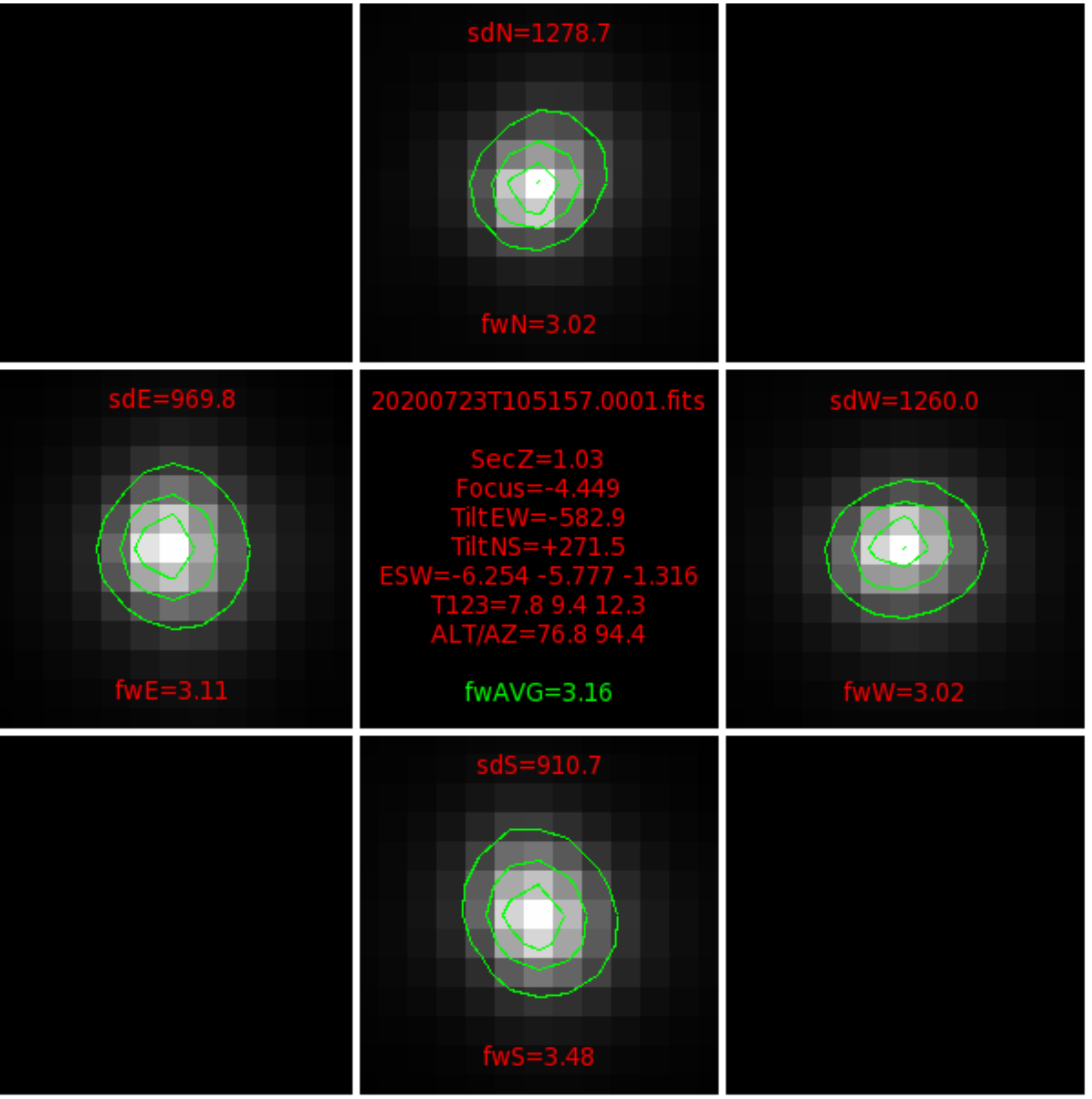
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fwN=3.02
sdE=969.8
fwE=3.11
20200723T105157.0001.fits
SecZ=1.03
Focus=-4.449
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.254 -5.777 -1.316
T123=7.8 9.4 12.3
ALT/AZ=76.8 94.4
fwAVG=3.16
sdW=1260.0
fwW=3.02
sdS=910.7
fwS=3.48
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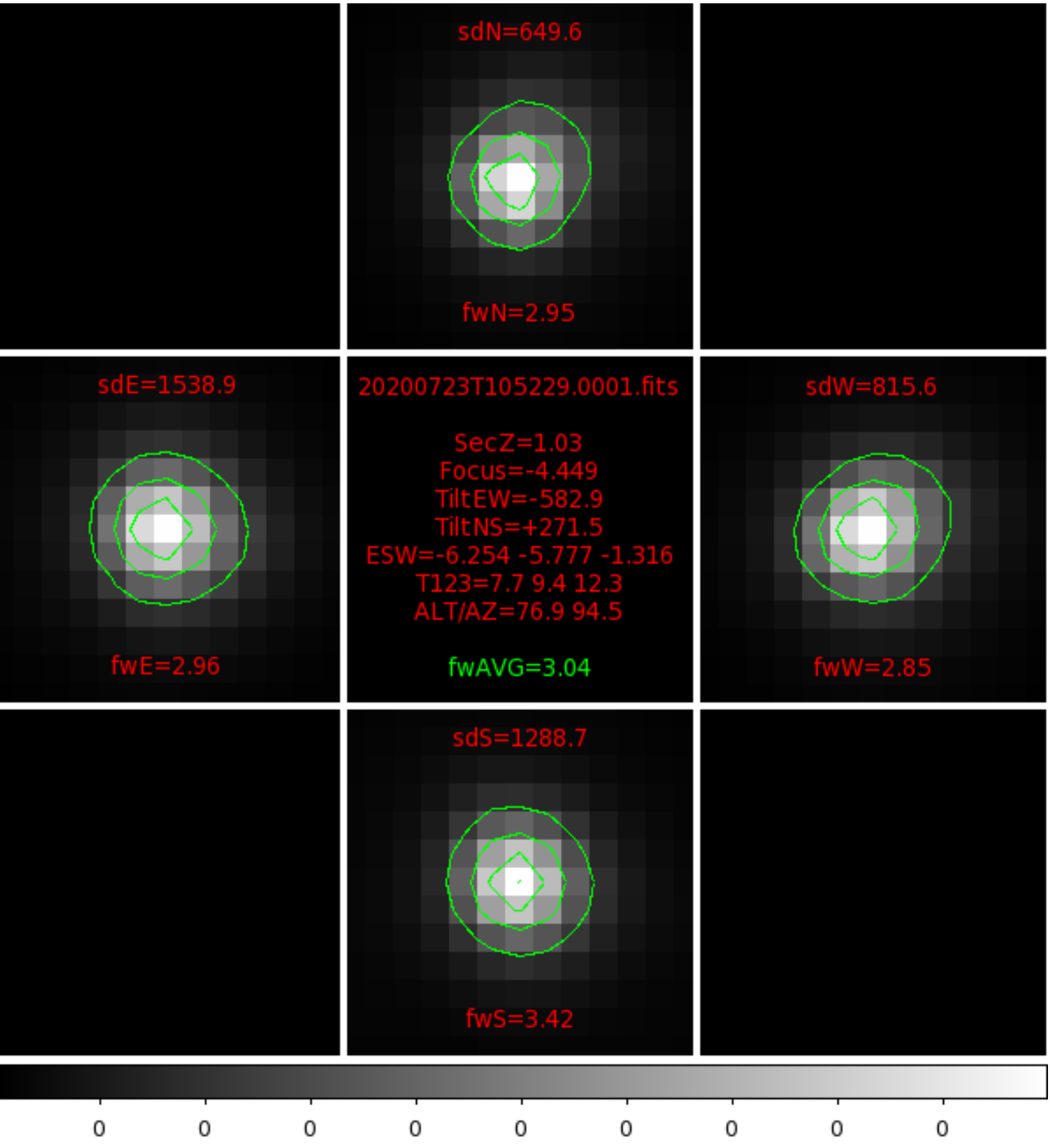
sdN=649.6
fwN=2.95
sdE=1538.9
fwE=2.96
20200723T105229.0001.fits
SecZ=1.03
Focus=-4.449
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.254 -5.777 -1.316
T123=7.7 9.4 12.3
ALT/AZ=76.9 94.5
fwAVG=3.04
sdW=815.6
fwW=2.85
sdS=1288.7
fwS=3.42
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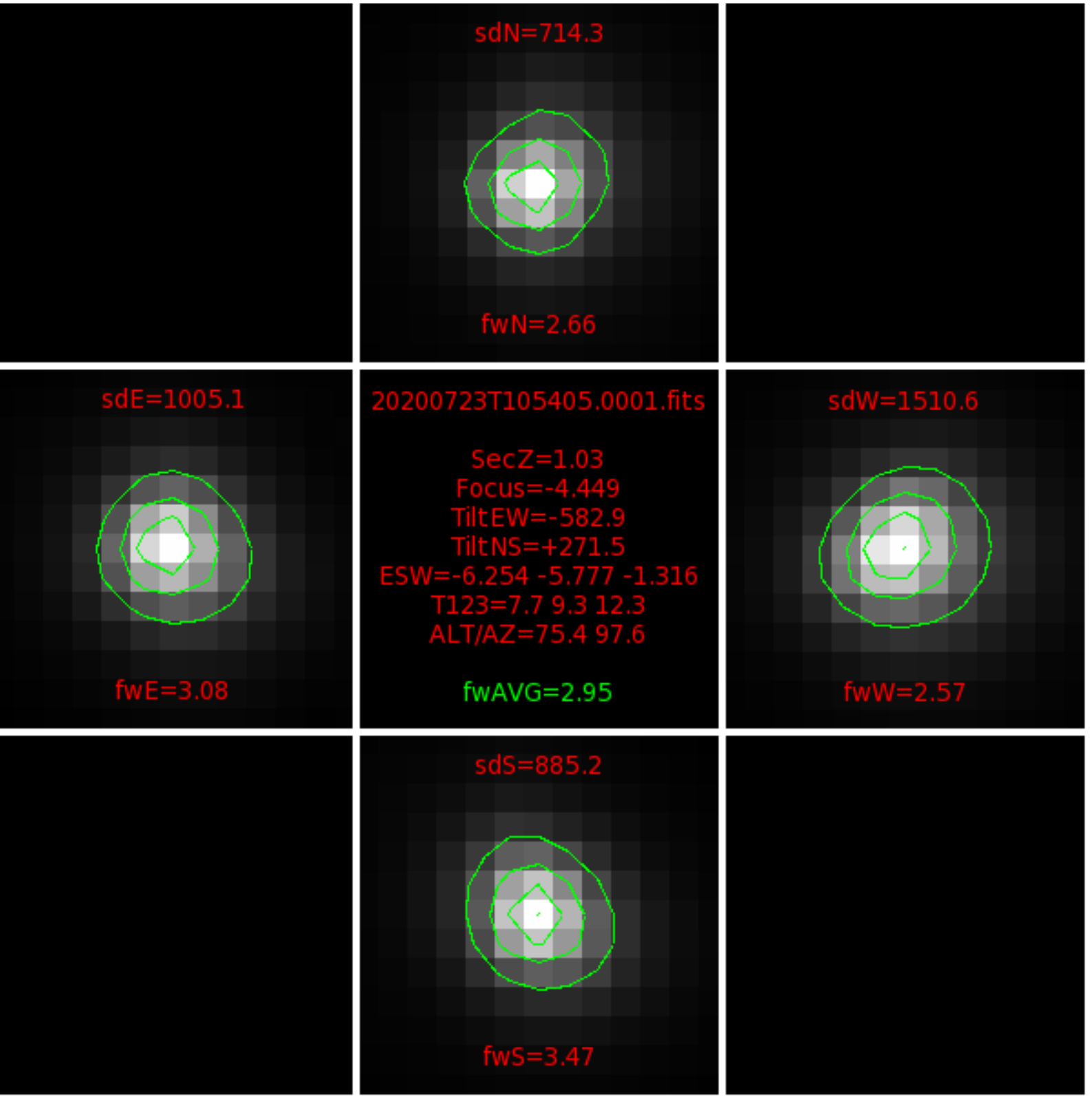
sdN=714.3
fwN=2.66
sdE=1005.1
fwE=3.08
20200723T105405.0001.fits
SecZ=1.03
Focus=-4.449
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.254 -5.777 -1.316
T123=7.7 9.3 12.3
ALT/AZ=75.4 97.6
fwAVG=2.95
sdW=1510.6
fwW=2.57
sdS=885.2
fwS=3.47
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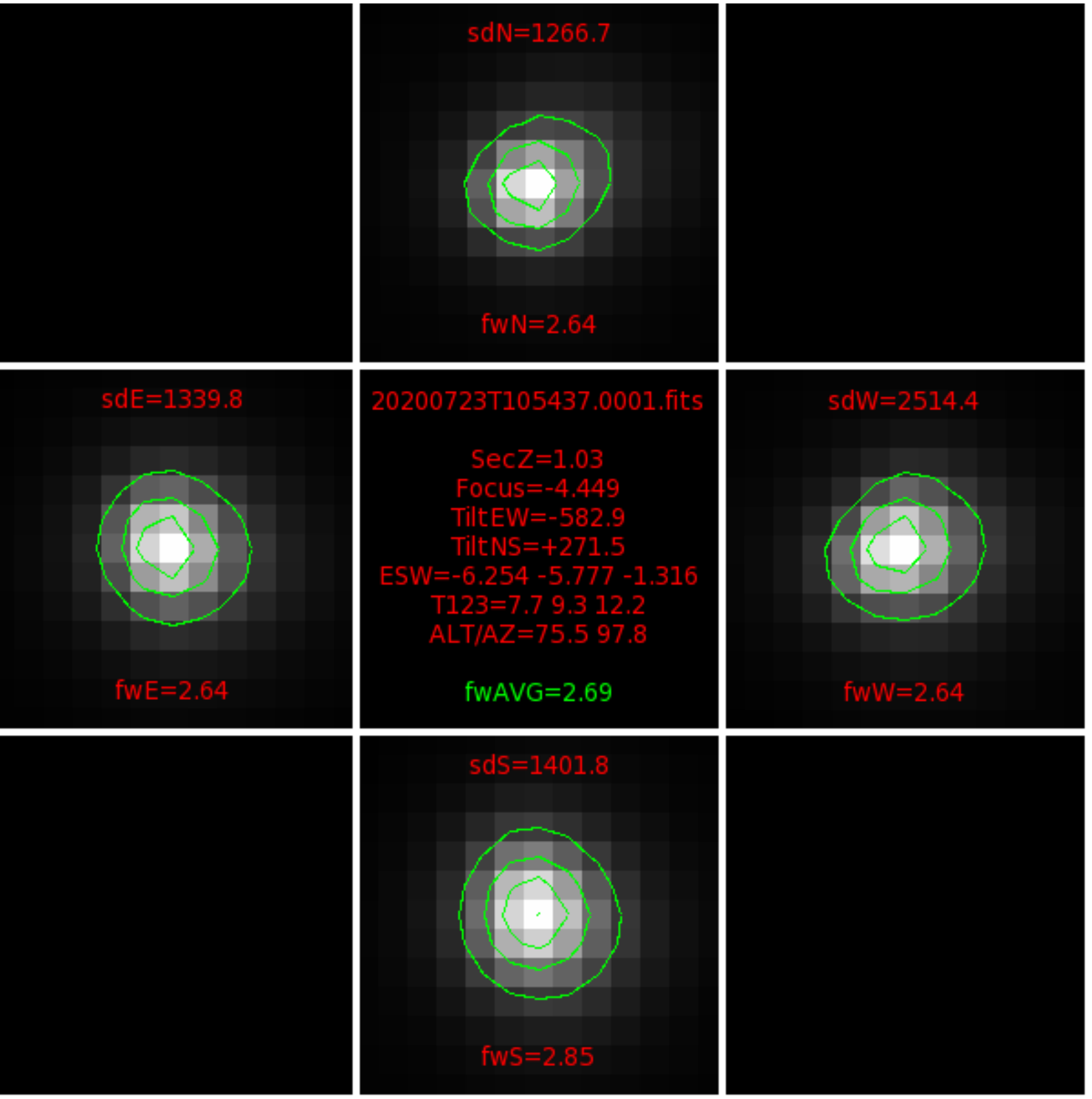
sdN=1266.7
fwN=2.64
sdE=1339.8
fwE=2.64
20200723T105437.0001.fits
SecZ=1.03
Focus=-4.449
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.254 -5.777 -1.316
T123=7.7 9.3 12.2
ALT/AZ=75.5 97.8
fwAVG=2.69
sdW=2514.4
fwW=2.64
sdS=1401.8
fwS=2.85
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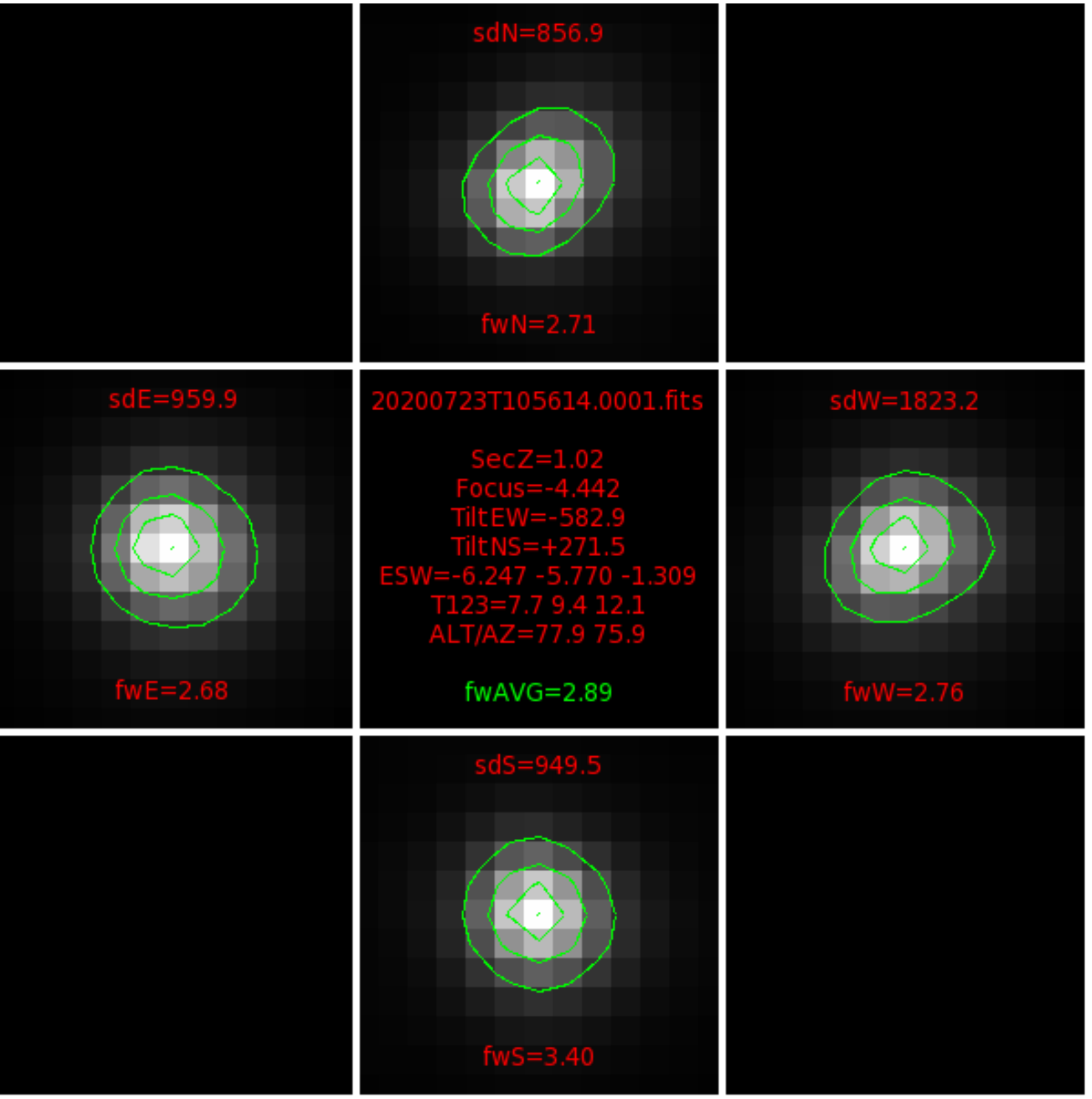
sdN=856.9
fwN=2.71
sdE=959.9
fwE=2.68
20200723T105614.0001.fits
SecZ=1.02
Focus=-4.442
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.247 -5.770 -1.309
T123=7.7 9.4 12.1
ALT/AZ=77.9 75.9
fwAVG=2.89
sdW=1823.2
fwW=2.76
sdS=949.5
fwS=3.40
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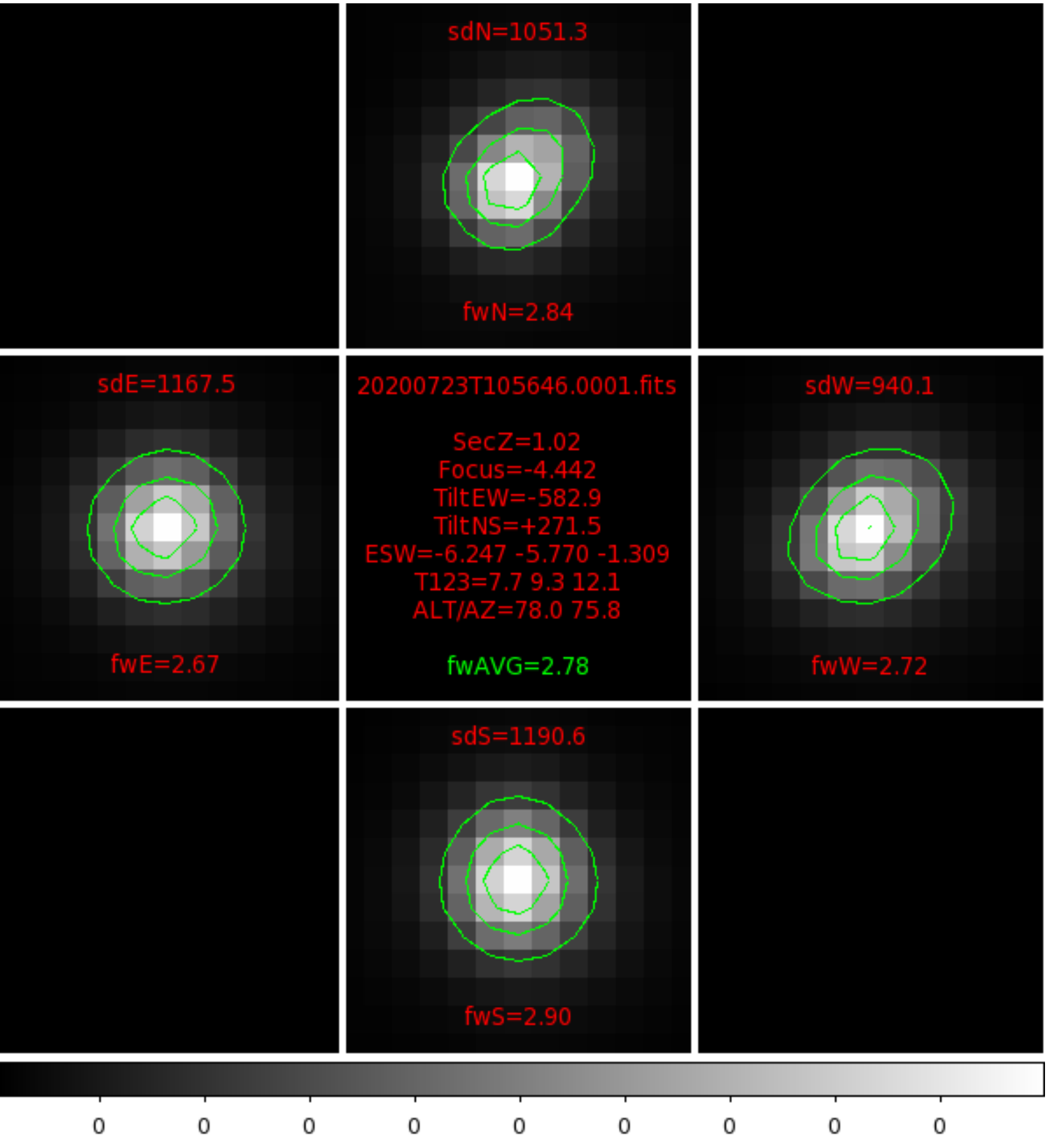
sdN=1051.3
fwN=2.84
sdE=1167.5
fwE=2.67
20200723T105646.0001.fits
SecZ=1.02
Focus=-4.442
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.247 -5.770 -1.309
T123=7.7 9.3 12.1
ALT/AZ=78.0 75.8
fwAVG=2.78
sdW=940.1
fwW=2.72
sdS=1190.6
fwS=2.90
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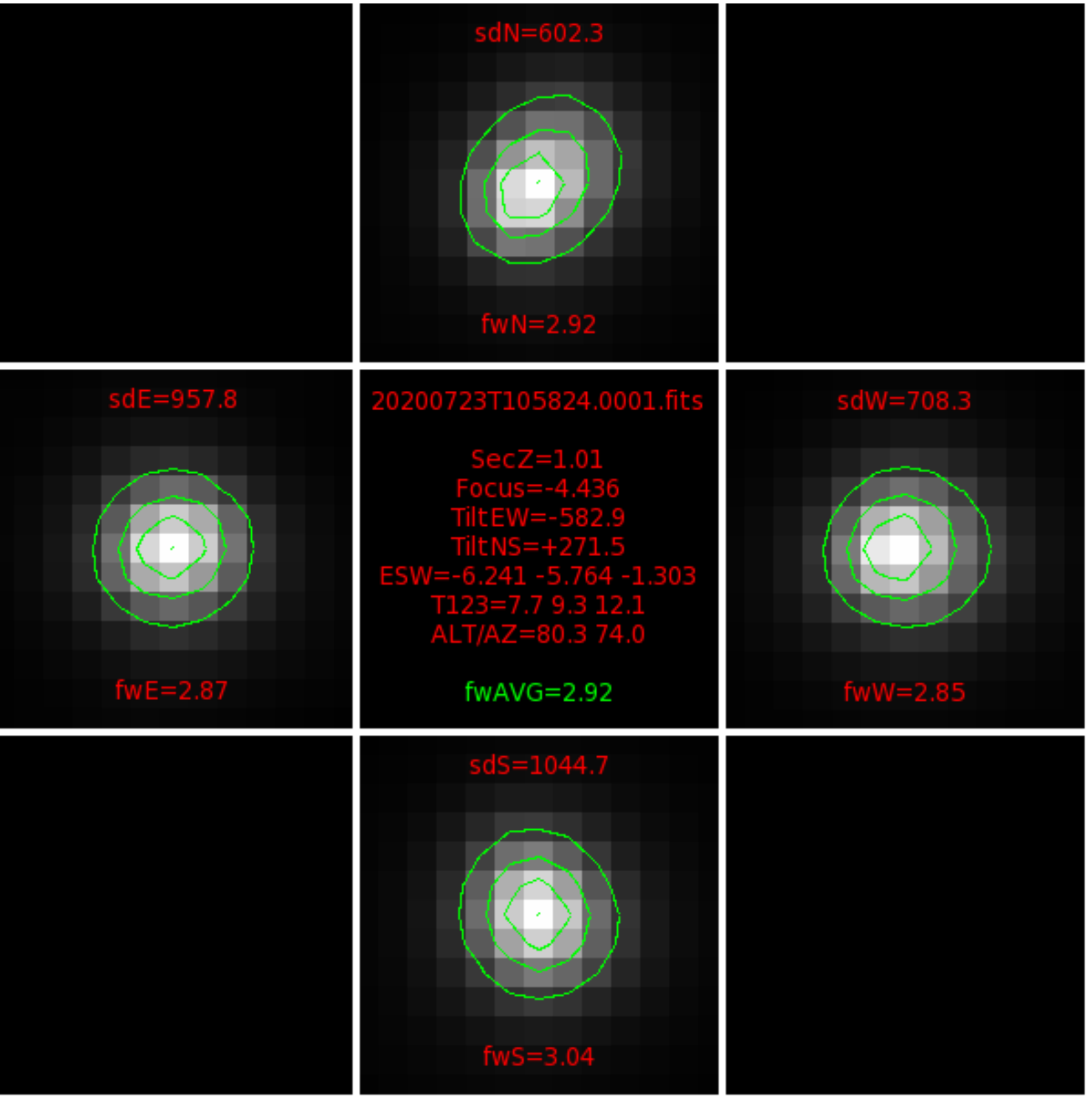
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sdE=957.8
fwE=2.87
20200723T105824.0001.fits
SecZ=1.01
Focus=-4.436
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.241 -5.764 -1.303
T123=7.7 9.3 12.1
ALT/AZ=80.3 74.0
fwAVG=2.92
sdW=708.3
fwW=2.85
sdS=1044.7
fwS=3.04
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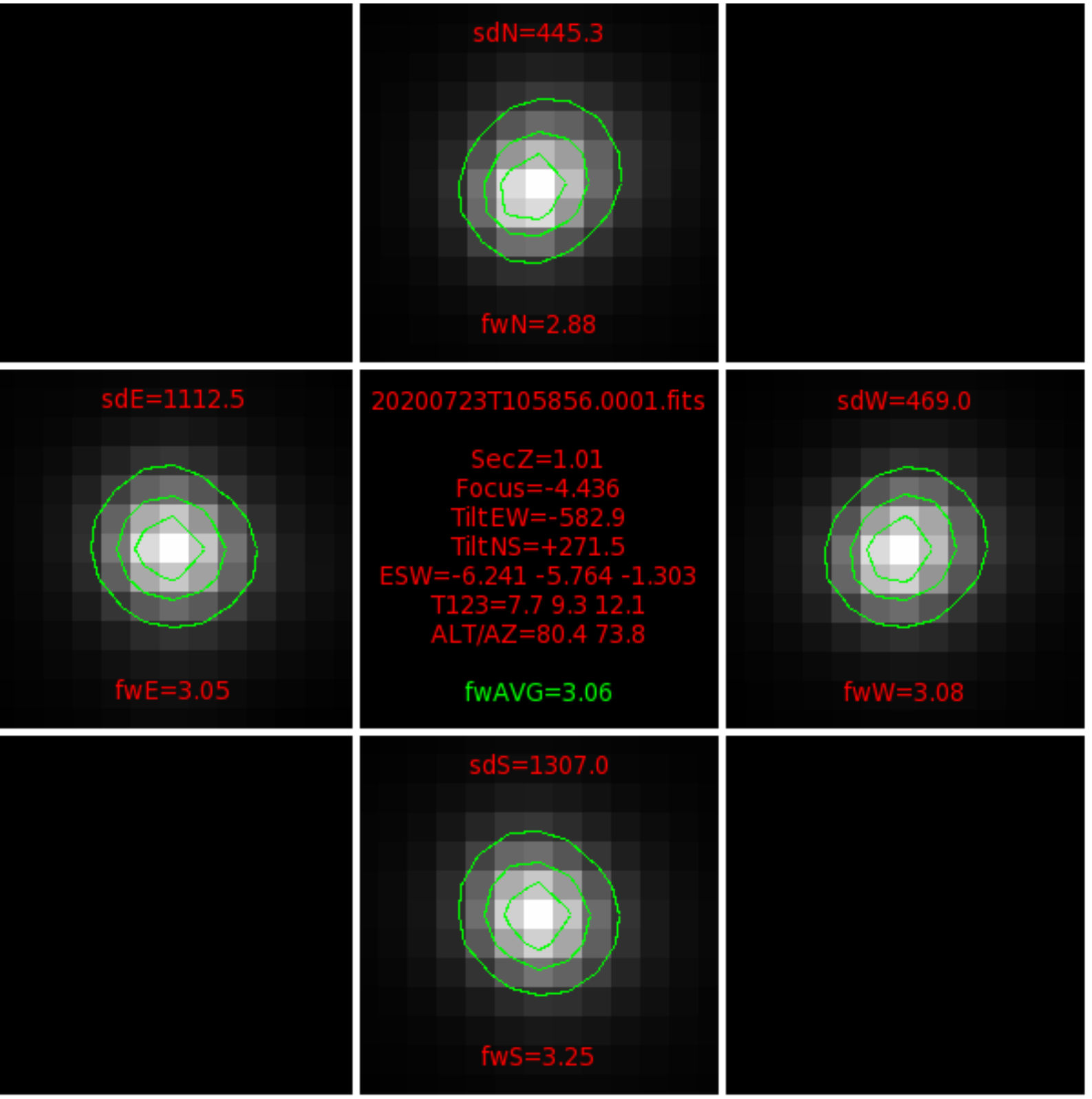
sdN=445.3
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sdE=1112.5
fwE=3.05
20200723T105856.0001.fits
SecZ=1.01
Focus=-4.436
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.241 -5.764 -1.303
T123=7.7 9.3 12.1
ALT/AZ=80.4 73.8
fwAVG=3.06
sdW=469.0
fwW=3.08
sdS=1307.0
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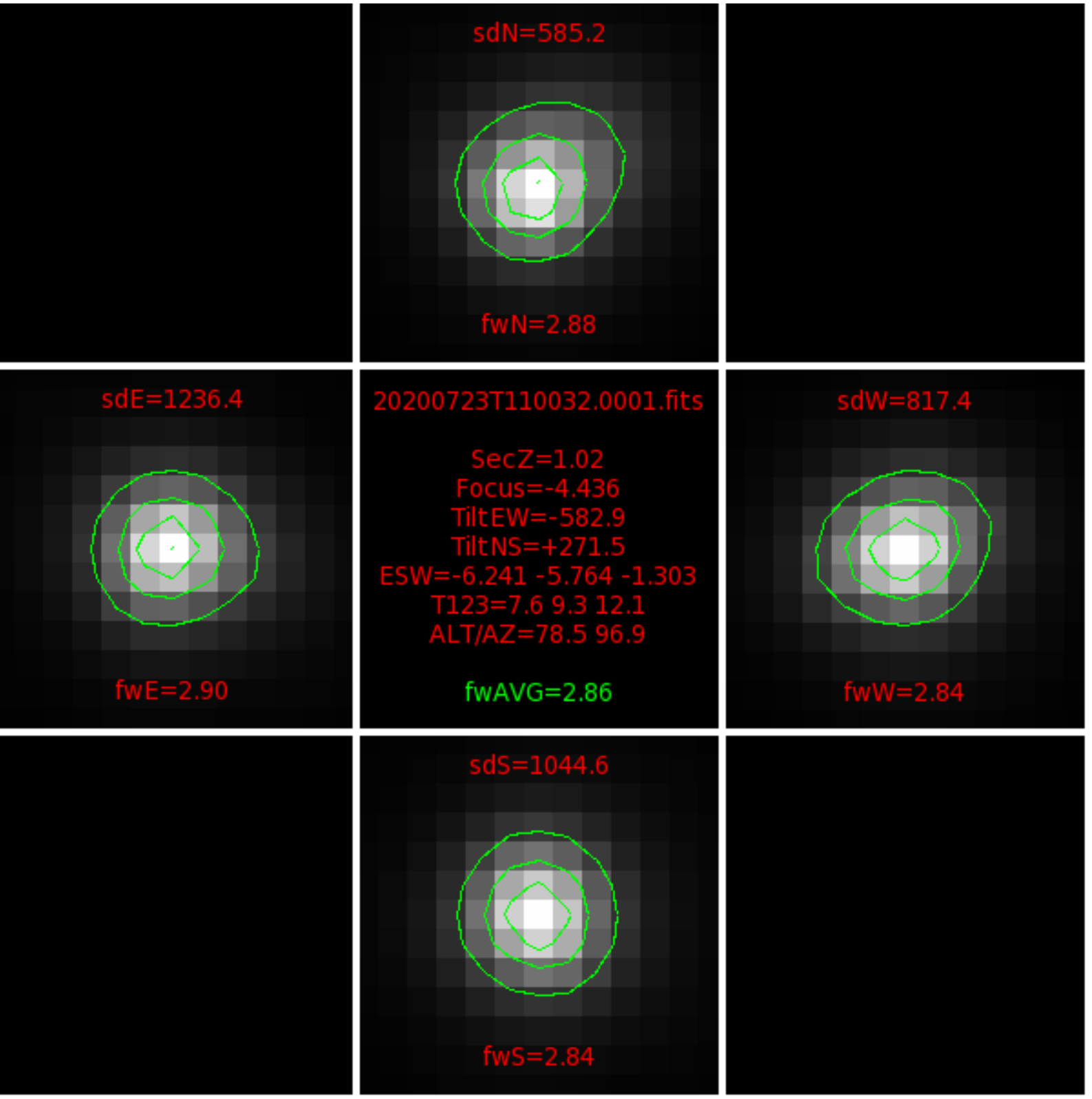
sdN=585.2
fwN=2.88
sdE=1236.4
fwE=2.90
20200723T110032.0001.fits
SecZ=1.02
Focus=-4.436
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.241 -5.764 -1.303
T123=7.6 9.3 12.1
ALT/AZ=78.5 96.9
fwAVG=2.86
sdW=817.4
fwW=2.84
sdS=1044.6
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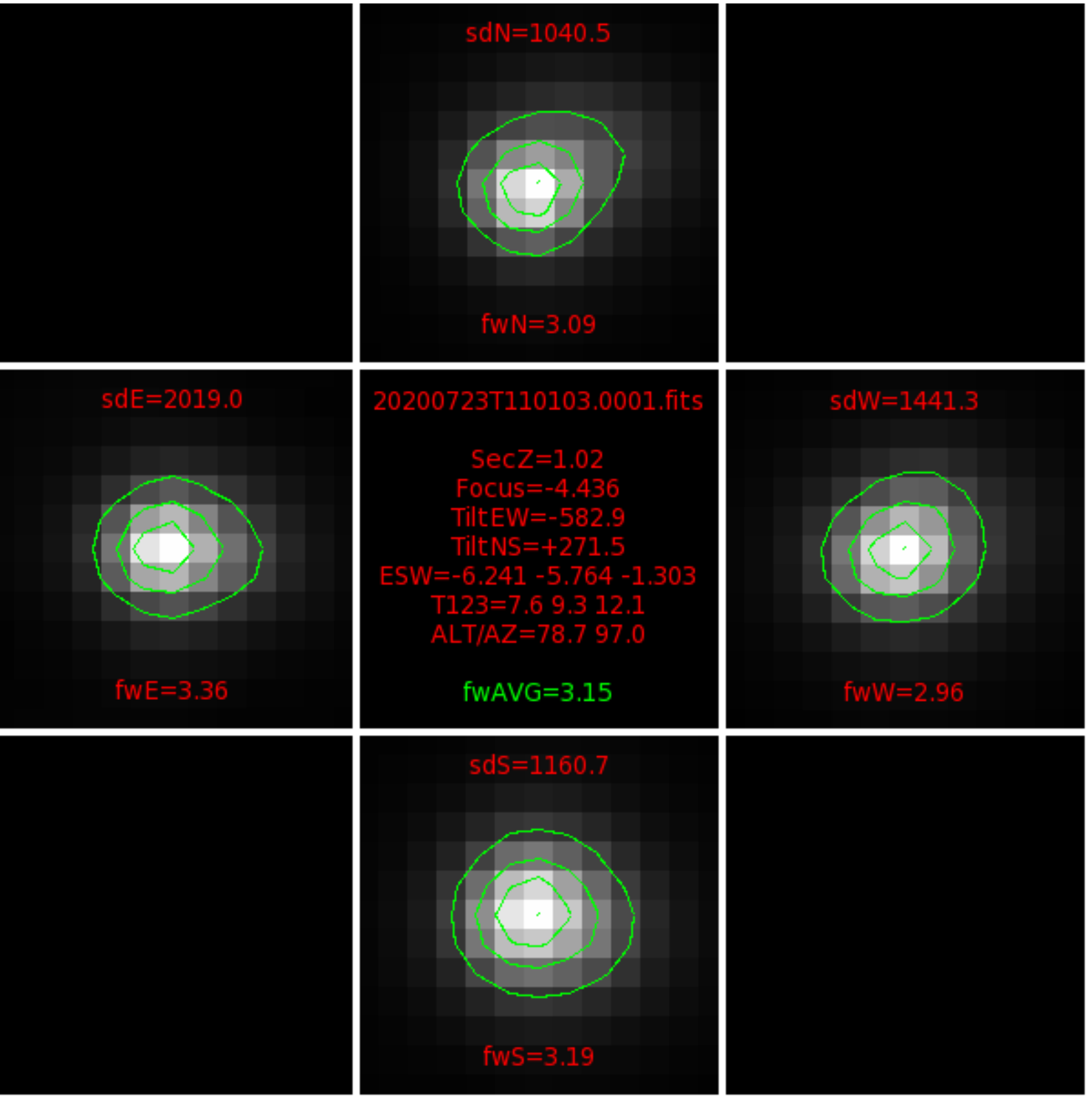
sdN=1040.5
fwN=3.09
sdE=2019.0
fwE=3.36
20200723T110103.0001.fits
SecZ=1.02
Focus=-4.436
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.241 -5.764 -1.303
T123=7.6 9.3 12.1
ALT/AZ=78.7 97.0
fwAVG=3.15
sdW=1441.3
fwW=2.96
sdS=1160.7
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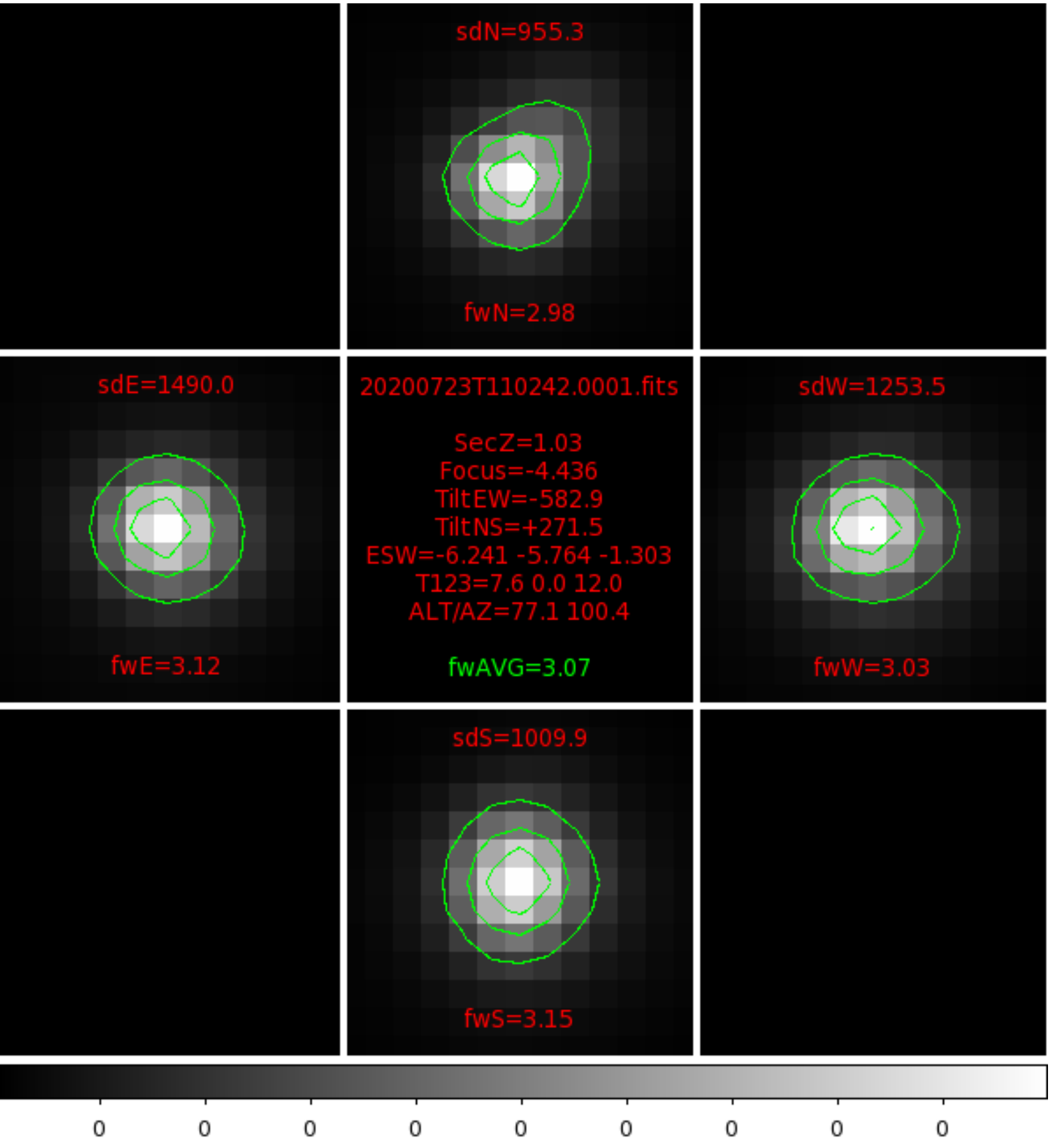
sdN=955.3
fwN=2.98
sdE=1490.0
fwE=3.12
20200723T110242.0001.fits
SecZ=1.03
Focus=-4.436
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.241 -5.764 -1.303
T123=7.6 0.0 12.0
ALT/AZ=77.1 100.4
fwAVG=3.07
sdW=1253.5
fwW=3.03
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fwS=3.15
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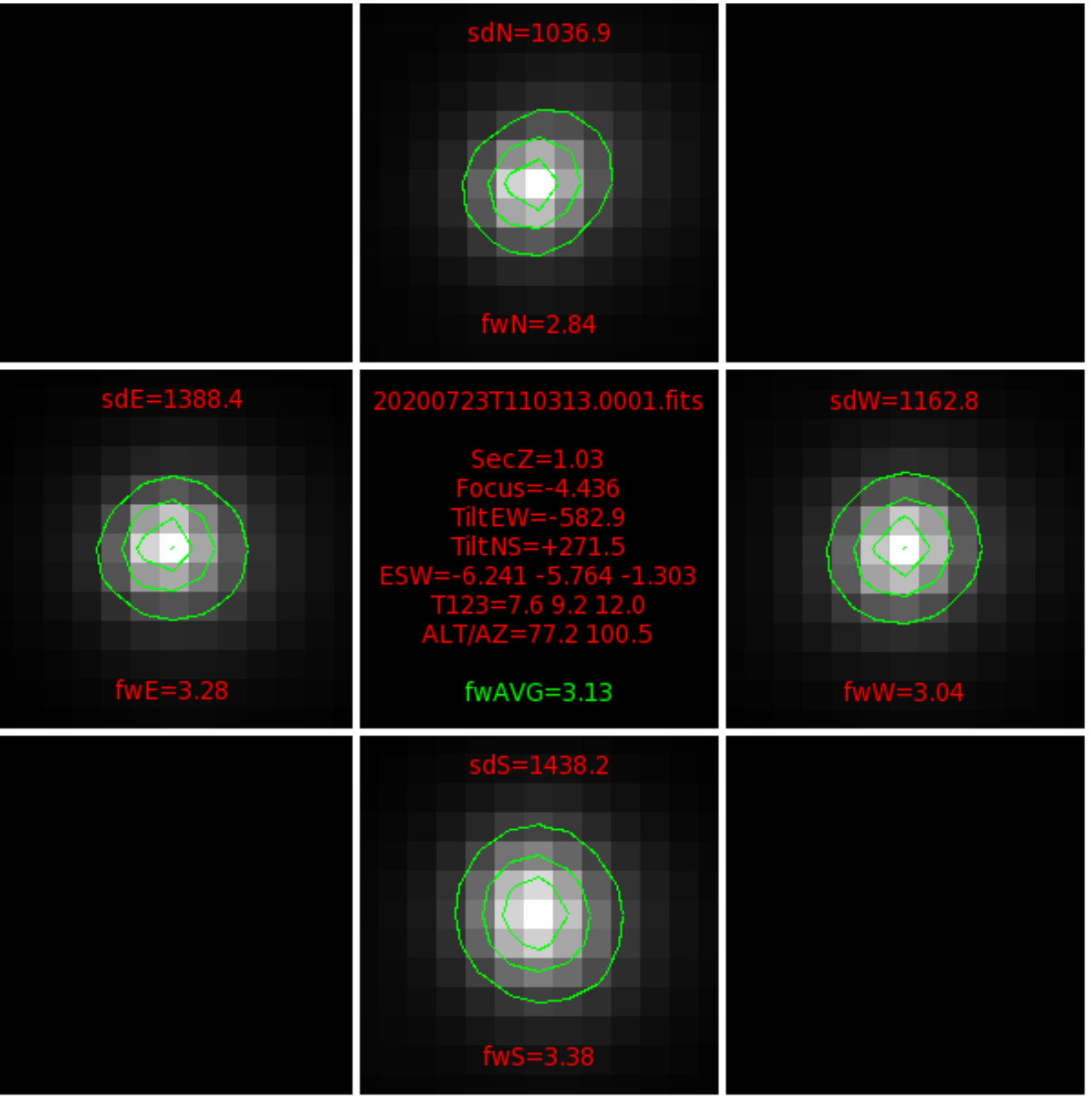
sdN=1036.9
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sdE=1388.4
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20200723T110313.0001.fits
SecZ=1.03
Focus=-4.436
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.241 -5.764 -1.303
T123=7.6 9.2 12.0
ALT/AZ=77.2 100.5
fwAVG=3.13
sdW=1162.8
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sdS=1438.2
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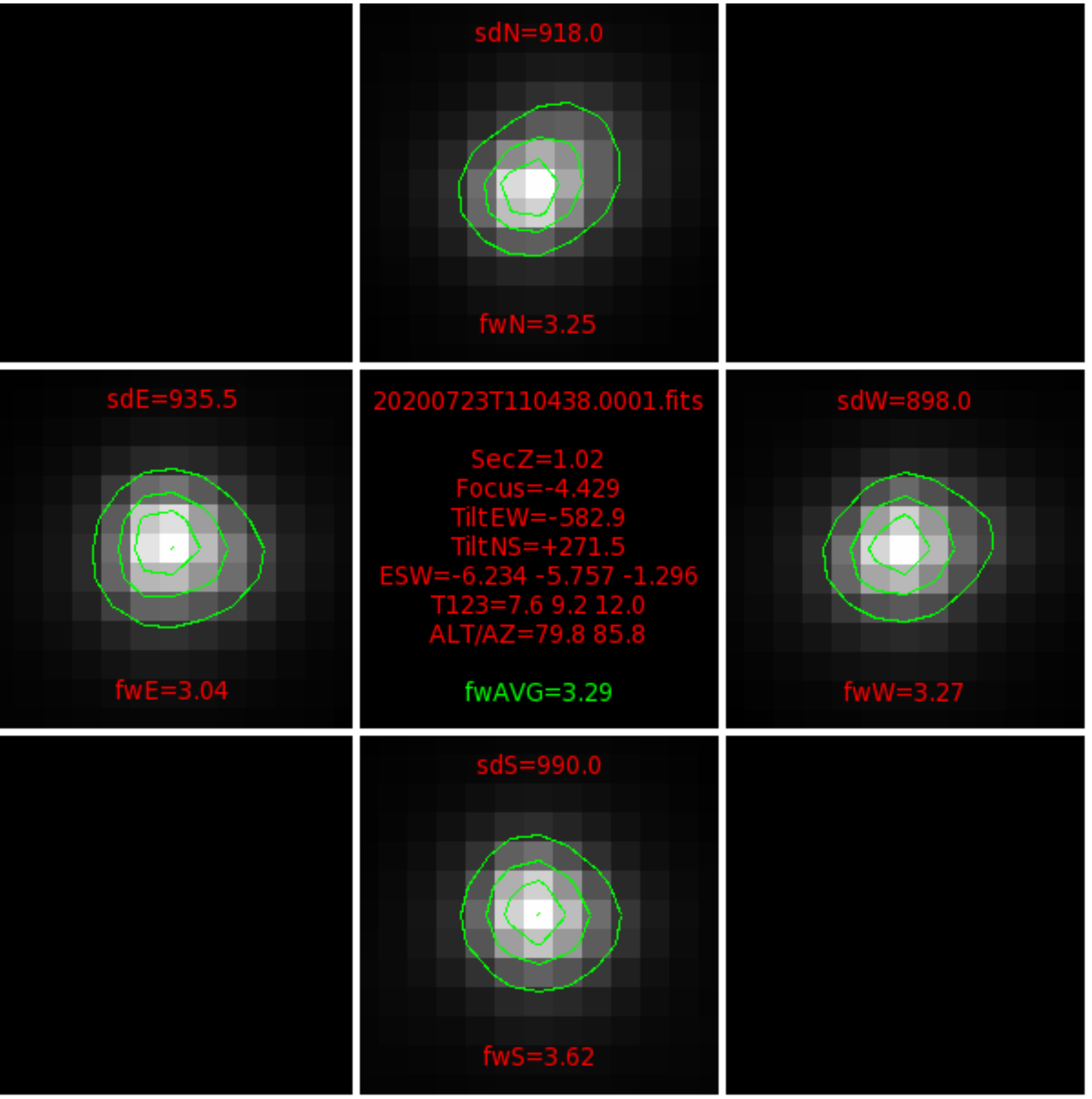
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fwN=3.25
sdE=935.5
fwE=3.04
20200723T110438.0001.fits
SecZ=1.02
Focus=-4.429
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.234 -5.757 -1.296
T123=7.6 9.2 12.0
ALT/AZ=79.8 85.8
fwAVG=3.29
sdW=898.0
fwW=3.27
sdS=990.0
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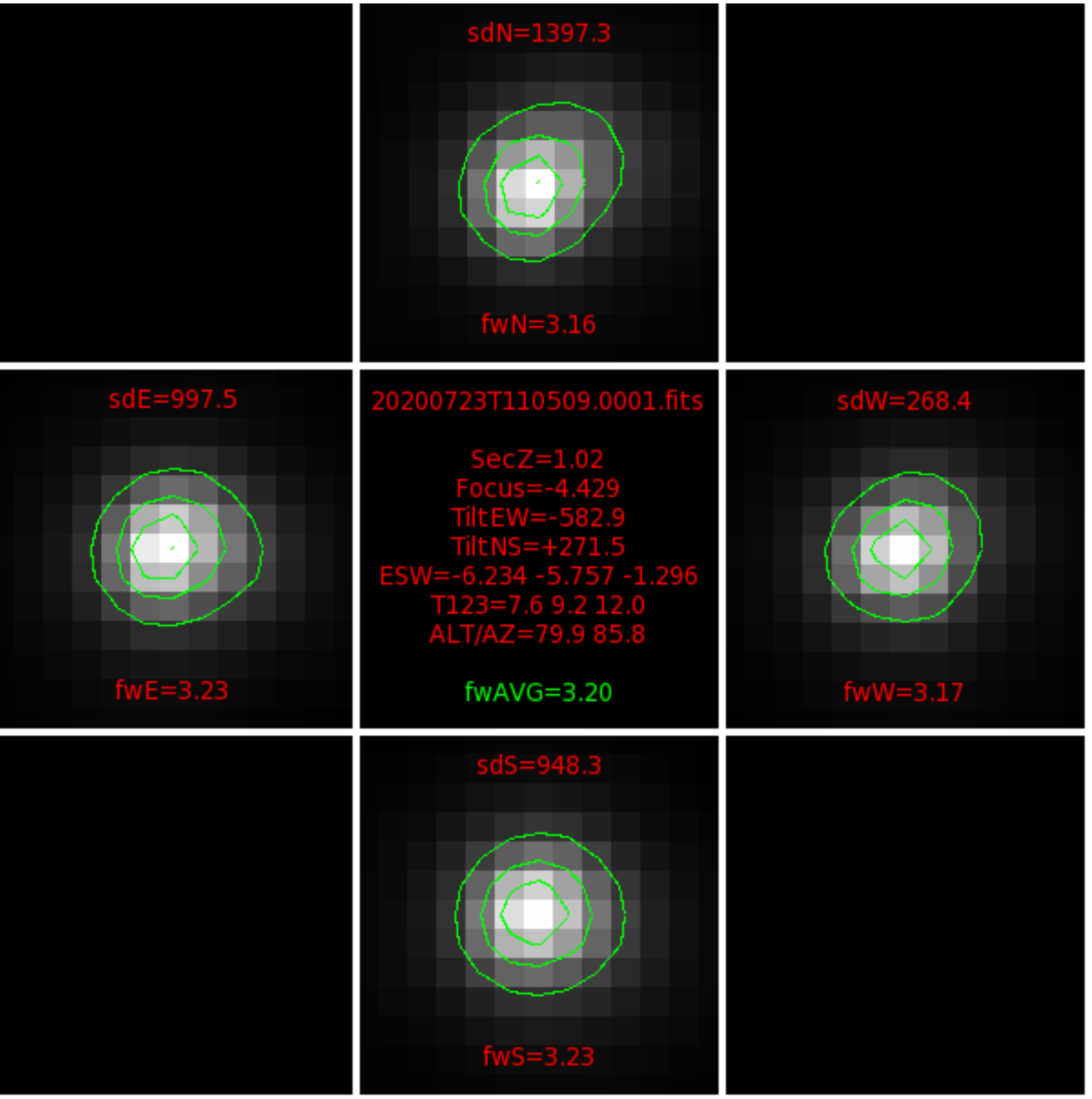
sdN=1397.3
fwN=3.16
sdE=997.5
fwE=3.23
20200723T110509.0001.fits
SecZ=1.02
Focus=-4.429
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.234 -5.757 -1.296
T123=7.6 9.2 12.0
ALT/AZ=79.9 85.8
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sdW=268.4
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sdS=948.3
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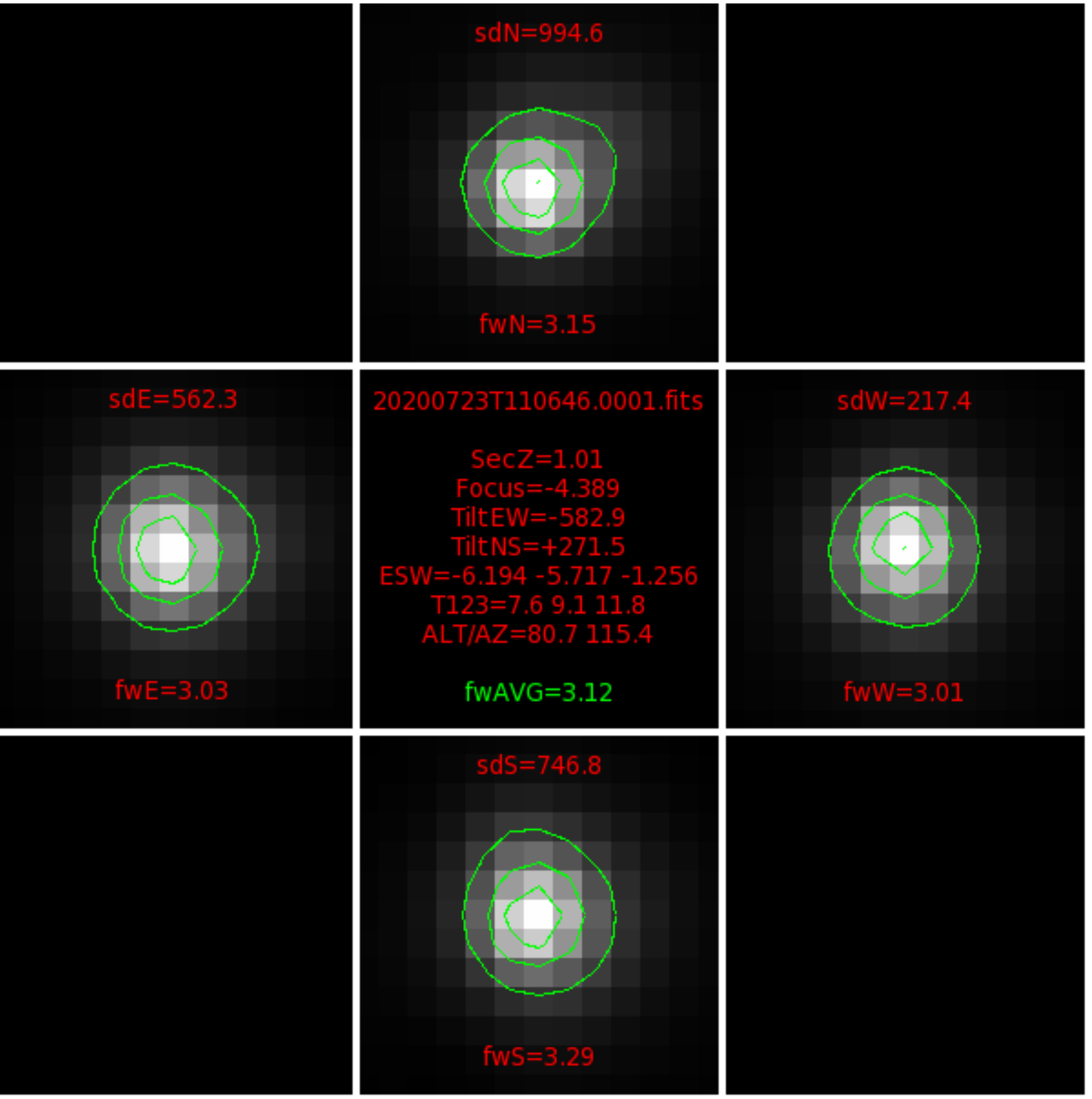
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fwN=3.15
sdE=562.3
fwE=3.03
20200723T110646.0001.fits
SecZ=1.01
Focus=-4.389
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.194 -5.717 -1.256
T123=7.6 9.1 11.8
ALT/AZ=80.7 115.4
fwAVG=3.12
sdW=217.4
fwW=3.01
sdS=746.8
fwS=3.29
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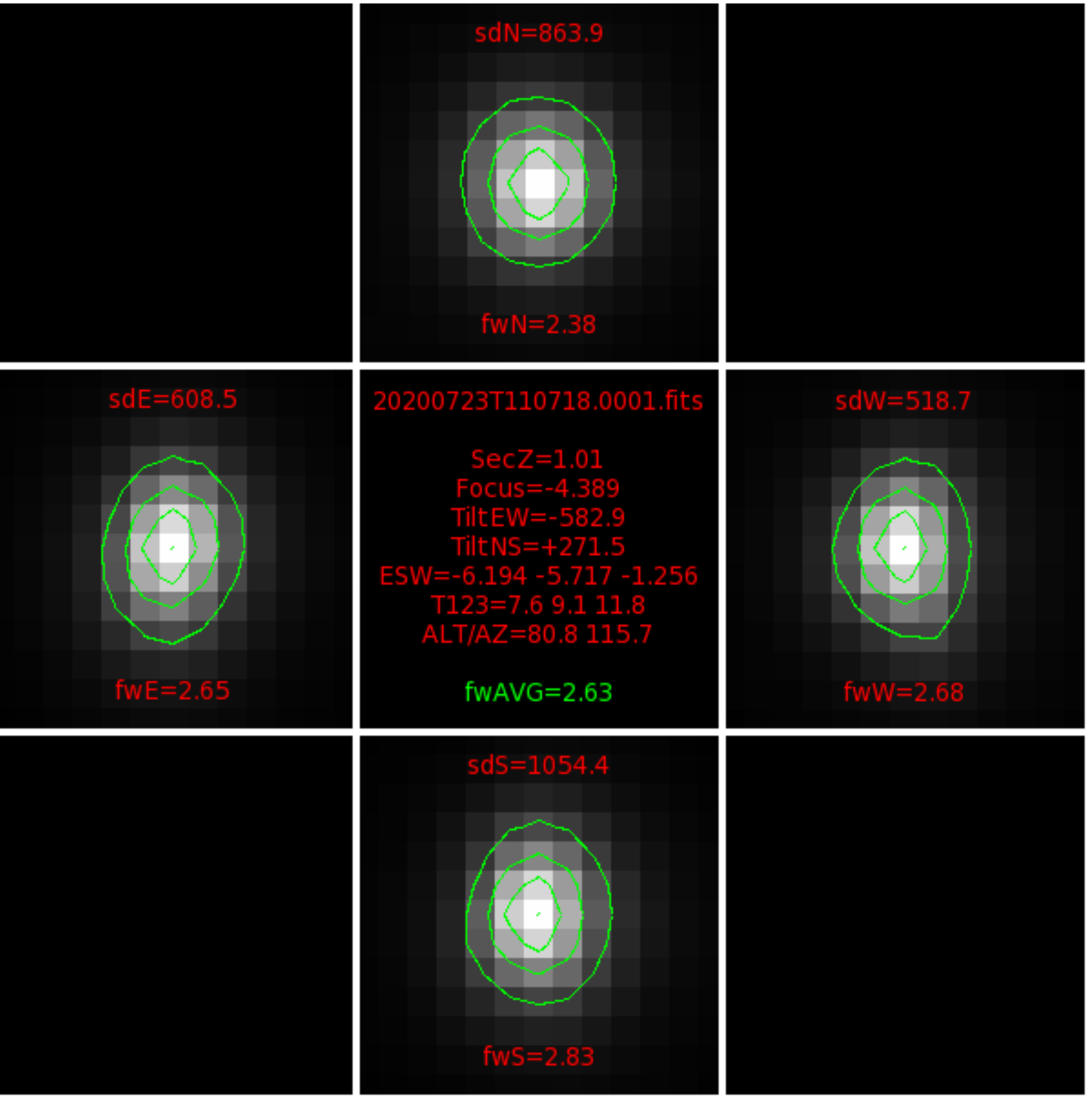
sdN=863.9
fwN=2.38
sdE=608.5
fwE=2.65
20200723T110718.0001.fits
SecZ=1.01
Focus=-4.389
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.194 -5.717 -1.256
T123=7.6 9.1 11.8
ALT/AZ=80.8 115.7
fwAVG=2.63
sdW=518.7
fwW=2.68
sdS=1054.4
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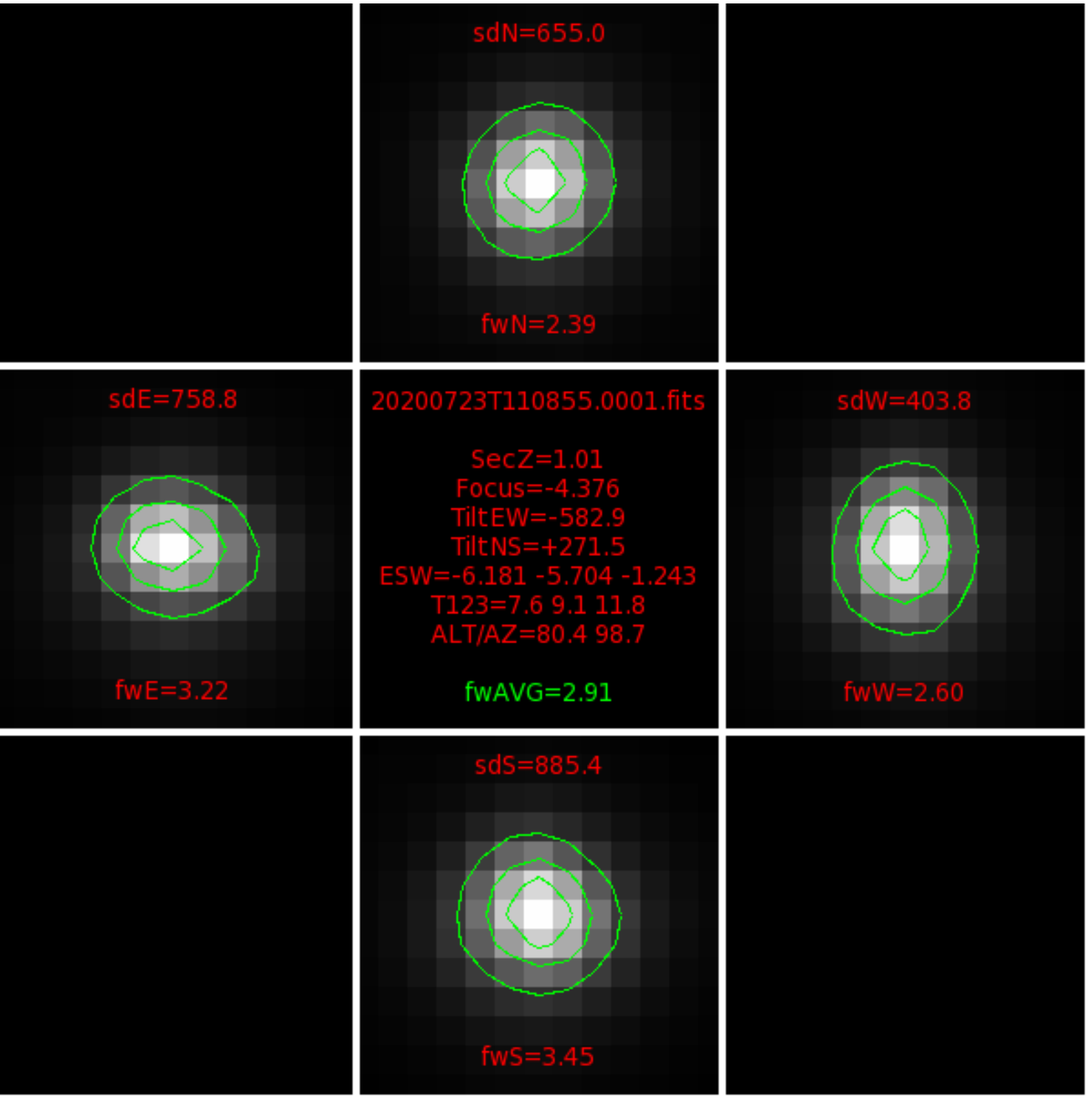
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fwN=2.39
sdE=758.8
fwE=3.22
20200723T110855.0001.fits
SecZ=1.01
Focus=-4.376
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.181 -5.704 -1.243
T123=7.6 9.1 11.8
ALT/AZ=80.4 98.7
fwAVG=2.91
sdW=403.8
fwW=2.60
sdS=885.4
fwS=3.45
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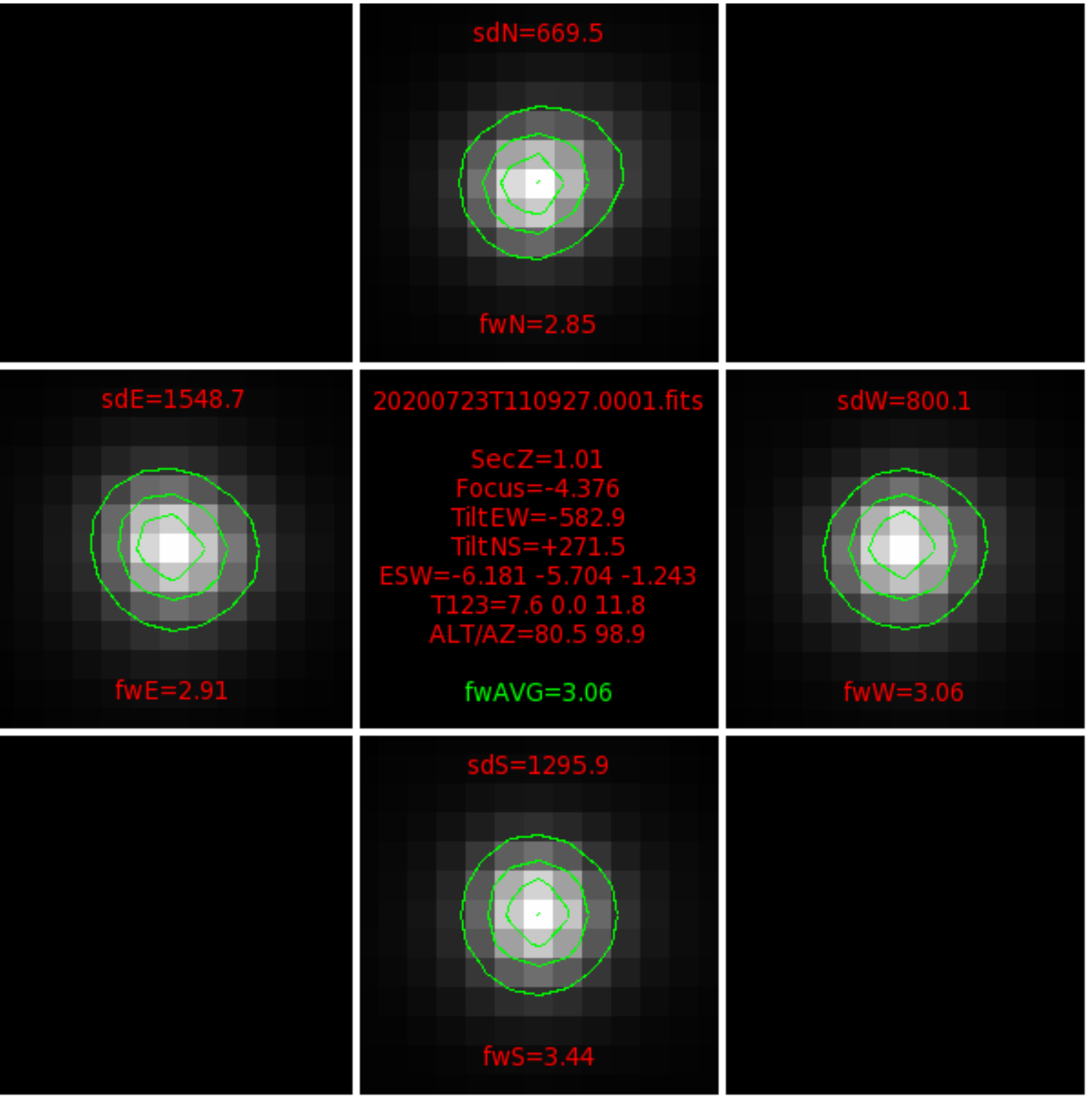
sdN=669.5
fwN=2.85
sdE=1548.7
fwE=2.91
20200723T110927.0001.fits
SecZ=1.01
Focus=-4.376
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.181 -5.704 -1.243
T123=7.6 0.0 11.8
ALT/AZ=80.5 98.9
fwAVG=3.06
sdW=800.1
fwW=3.06
sdS=1295.9
fwS=3.44
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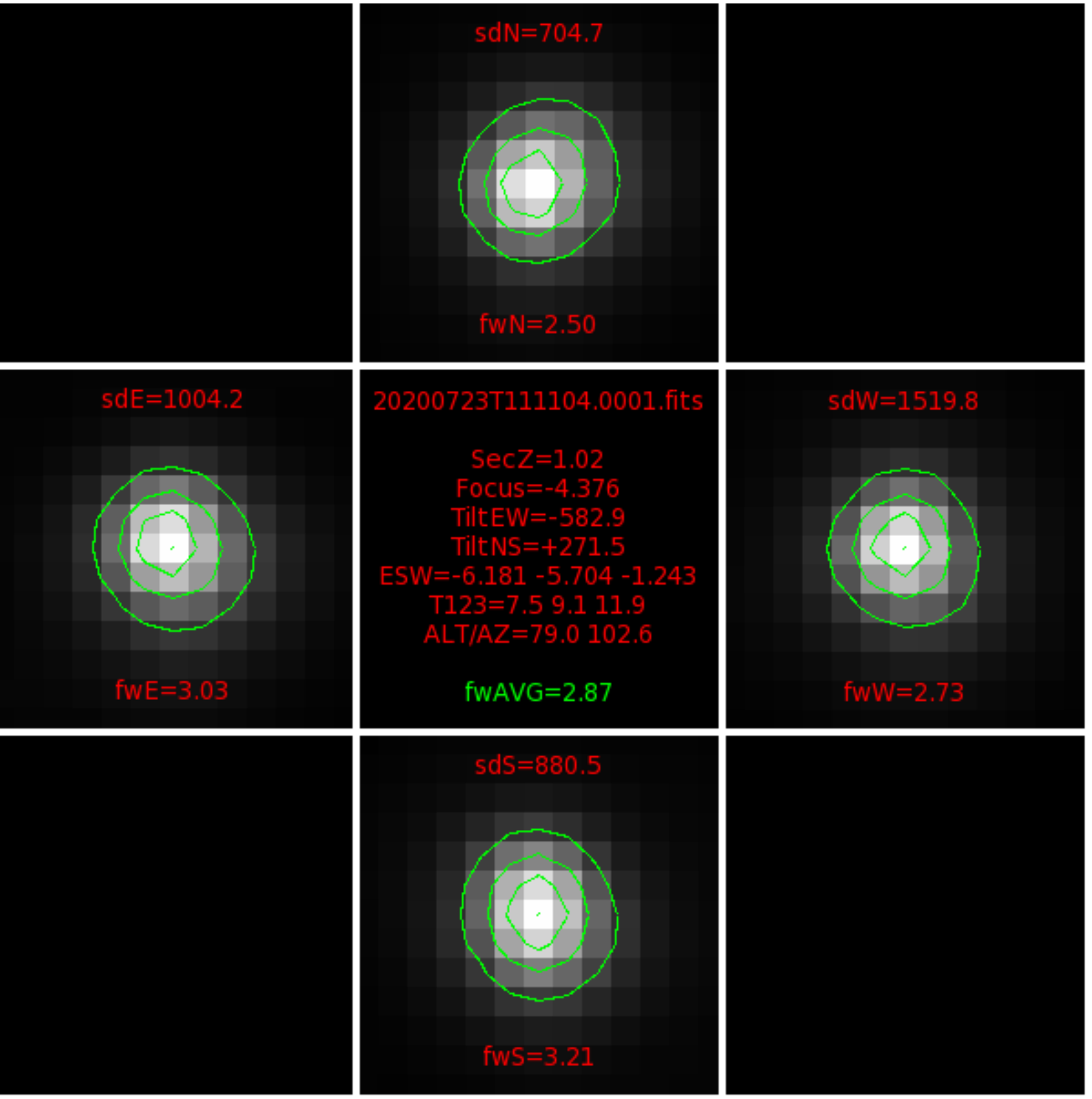
sdN=704.7
fwN=2.50
sdE=1004.2
fwE=3.03
20200723T111104.0001.fits
SecZ=1.02
Focus=-4.376
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.181 -5.704 -1.243
T123=7.5 9.1 11.9
ALT/AZ=79.0 102.6
fwAVG=2.87
sdW=1519.8
fwW=2.73
sdS=880.5
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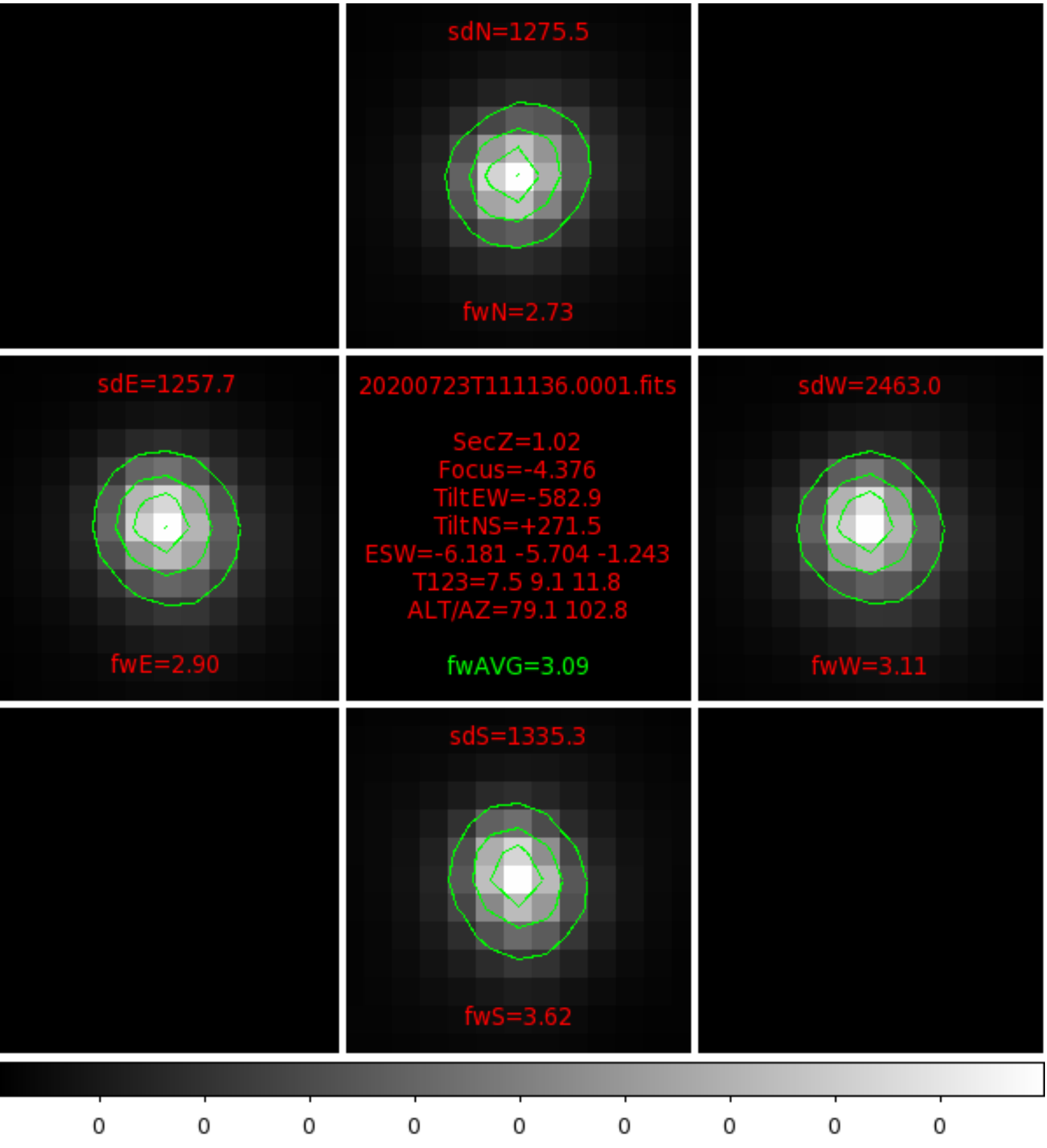
sdN=1275.5
fwN=2.73
sdE=1257.7
fwE=2.90
20200723T111136.0001.fits
SecZ=1.02
Focus=-4.376
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.181 -5.704 -1.243
T123=7.5 9.1 11.8
ALT/AZ=79.1 102.8
fwAVG=3.09
sdW=2463.0
fwW=3.11
sdS=1335.3
fwS=3.62
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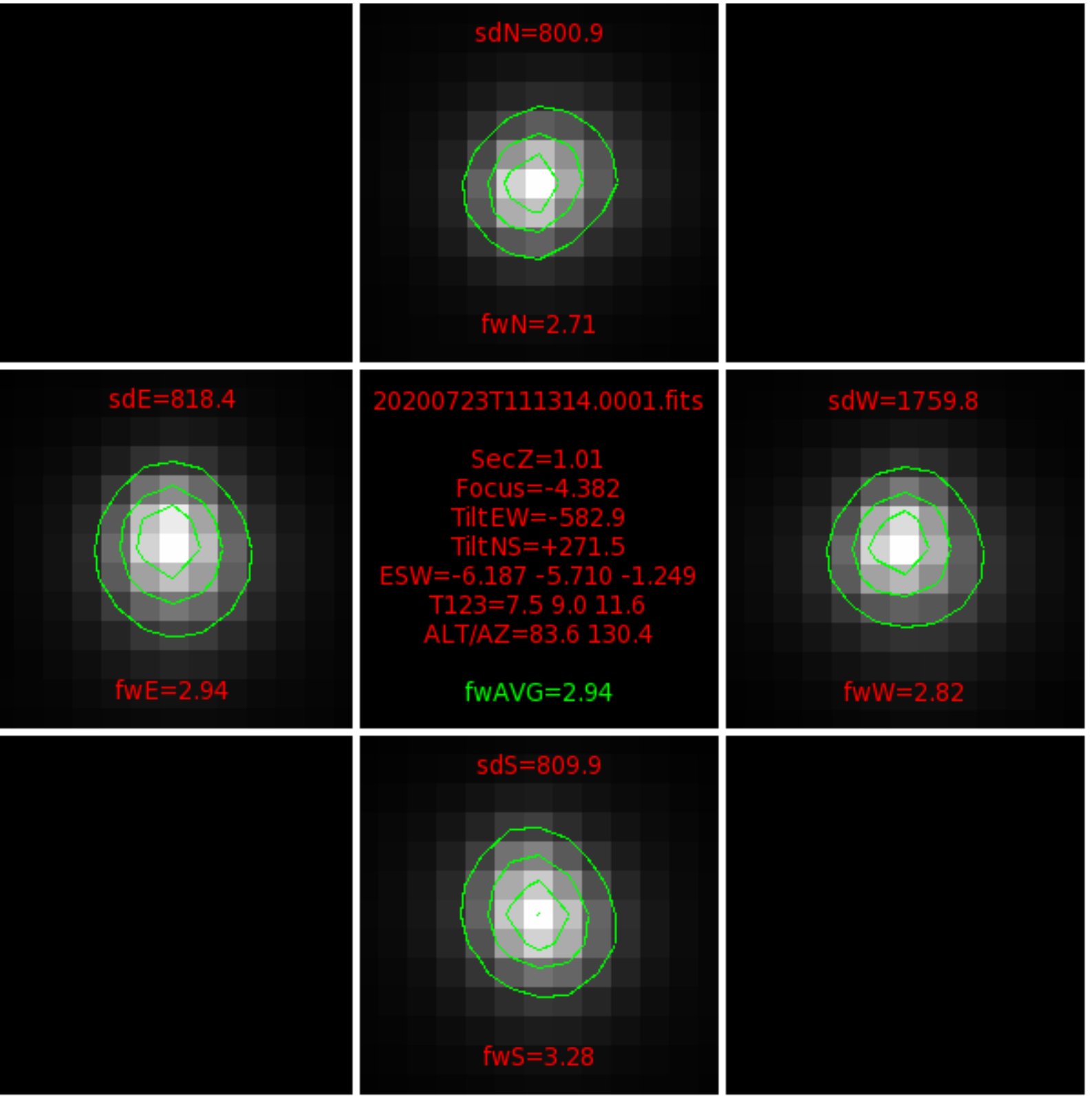
sdN=800.9
fwN=2.71
sdE=818.4
fwE=2.94
20200723T111314.0001.fits
SecZ=1.01
Focus=-4.382
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.187 -5.710 -1.249
T123=7.5 9.0 11.6
ALT/AZ=83.6 130.4
fwAVG=2.94
sdW=1759.8
fwW=2.82
sdS=809.9
fwS=3.28
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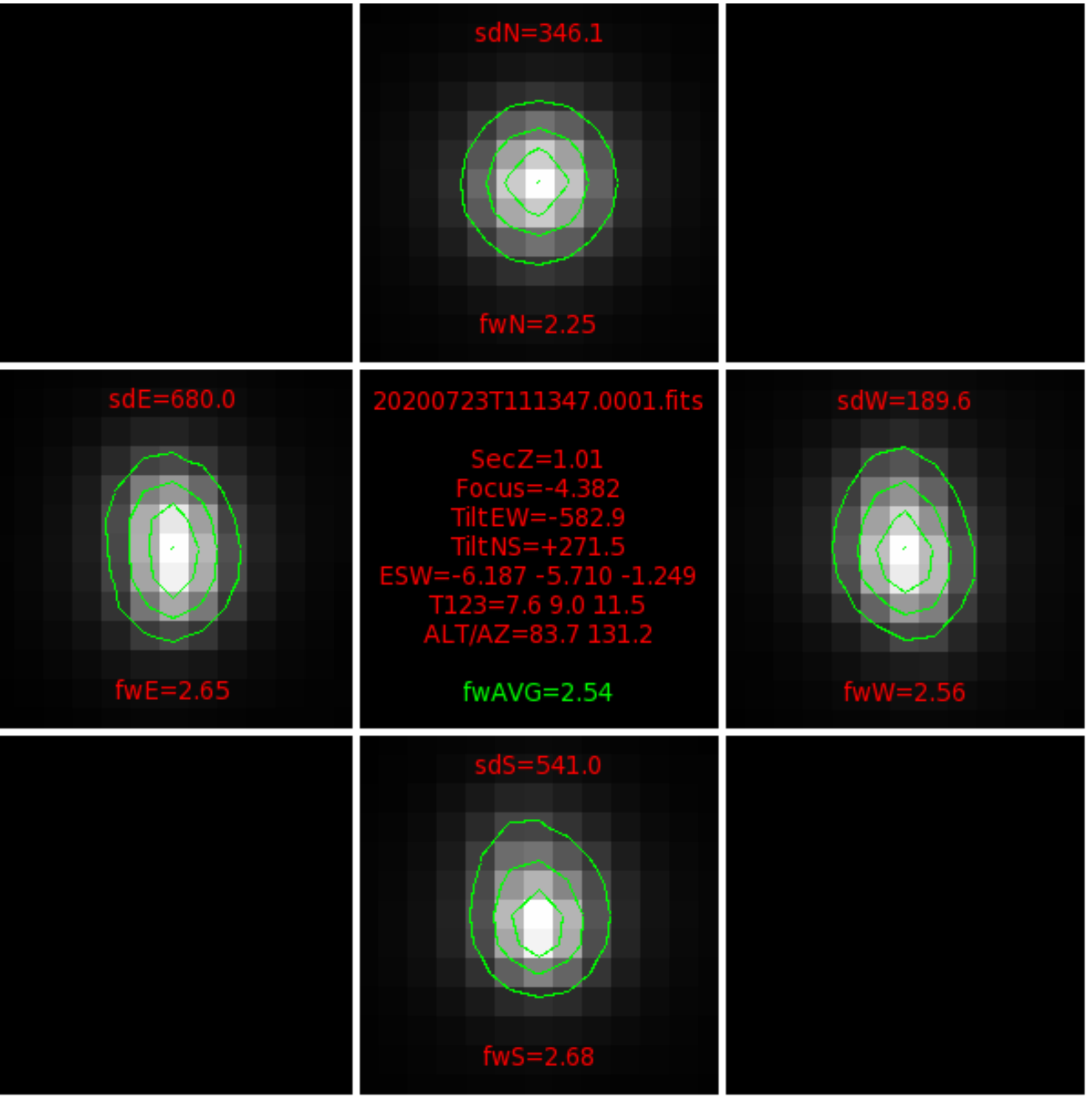
sdN=346.1
fwN=2.25
sdE=680.0
fwE=2.65
20200723T111347.0001.fits
SecZ=1.01
Focus=-4.382
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.187 -5.710 -1.249
T123=7.6 9.0 11.5
ALT/AZ=83.7 131.2
fwAVG=2.54
sdW=189.6
fwW=2.56
sdS=541.0
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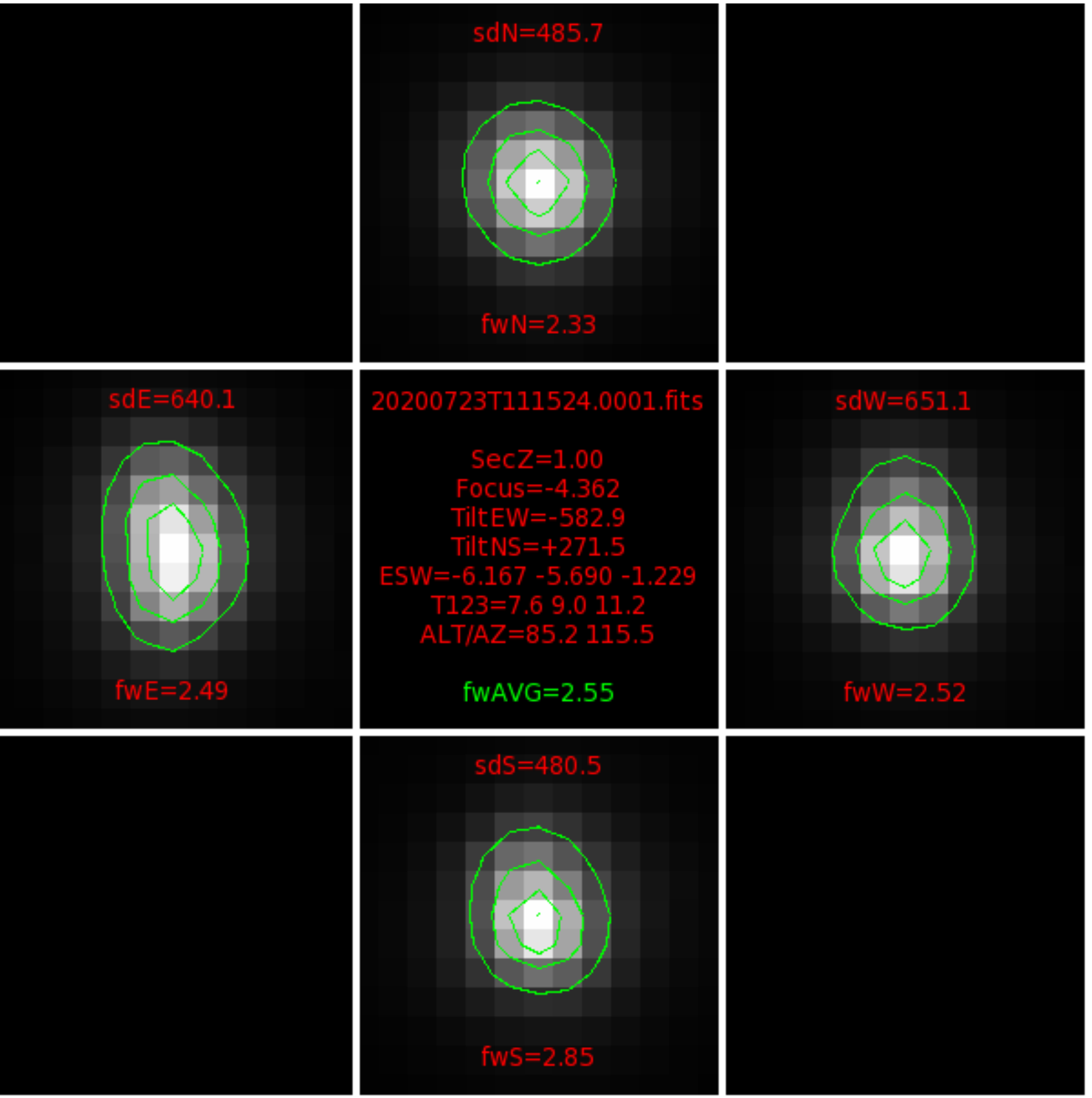
sdN=485.7
fwN=2.33
sdE=640.1
fwE=2.49
20200723T111524.0001.fits
SecZ=1.00
Focus=-4.362
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.167 -5.690 -1.229
T123=7.6 9.0 11.2
ALT/AZ=85.2 115.5
fwAVG=2.55
sdW=651.1
fwW=2.52
sdS=480.5
fwS=2.85
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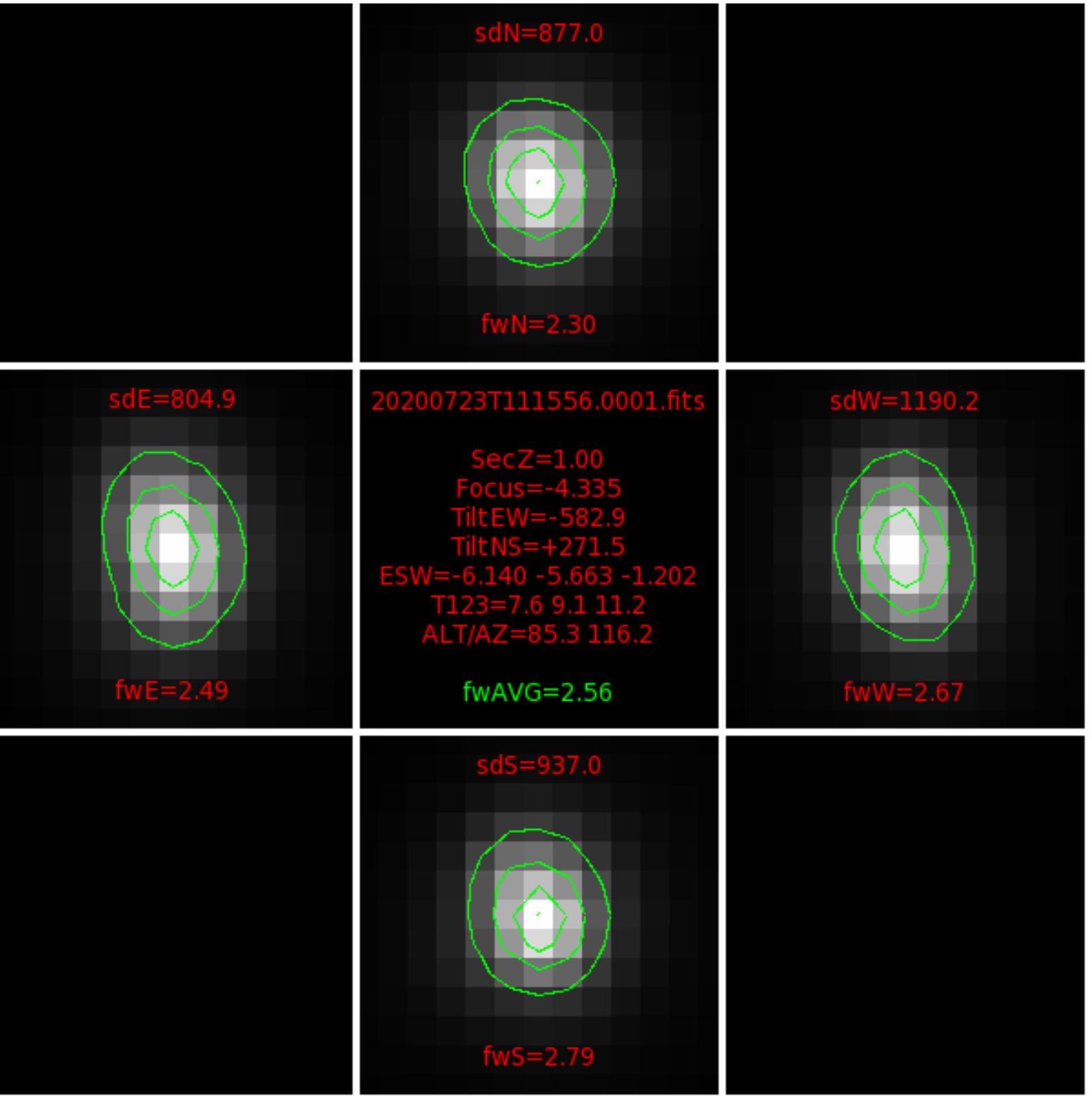
sdN=877.0
fwN=2.30
sdE=804.9
fwE=2.49
20200723T111556.0001.fits
SecZ=1.00
Focus=-4.335
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.140 -5.663 -1.202
T123=7.6 9.1 11.2
ALT/AZ=85.3 116.2
fwAVG=2.56
sdW=1190.2
fwW=2.67
sdS=937.0
fwS=2.79
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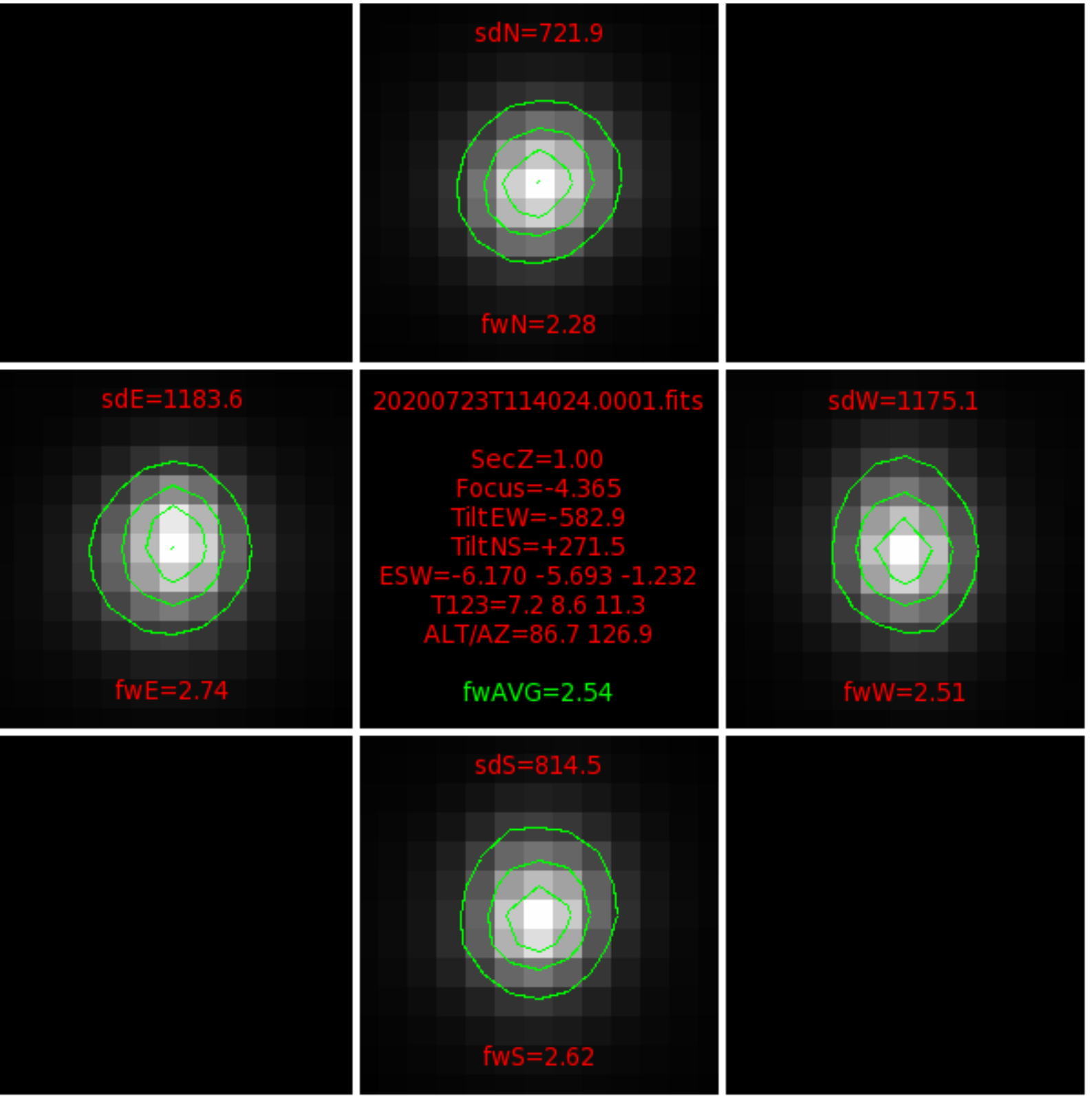
sdN=721.9
fwN=2.28
sdE=1183.6
fwE=2.74
20200723T114024.0001.fits
SecZ=1.00
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=7.2 8.6 11.3
ALT/AZ=86.7 126.9
fwAVG=2.54
sdW=1175.1
fwW=2.51
sdS=814.5
fwS=2.62
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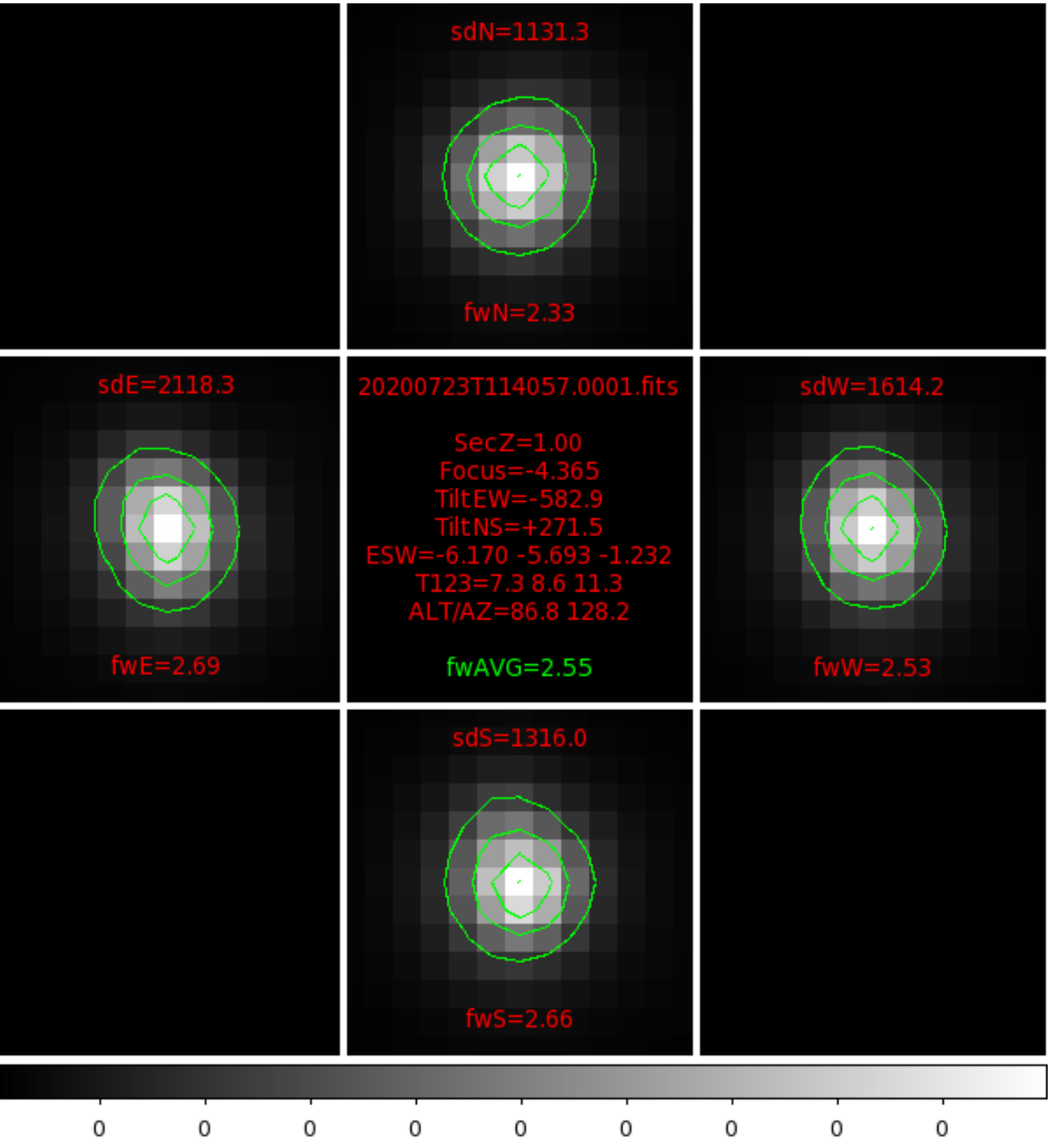
sdN=1131.3
fwN=2.33
sdE=2118.3
fwE=2.69
20200723T114057.0001.fits
SecZ=1.00
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=7.3 8.6 11.3
ALT/AZ=86.8 128.2
fwAVG=2.55
sdW=1614.2
fwW=2.53
sdS=1316.0
fwS=2.66
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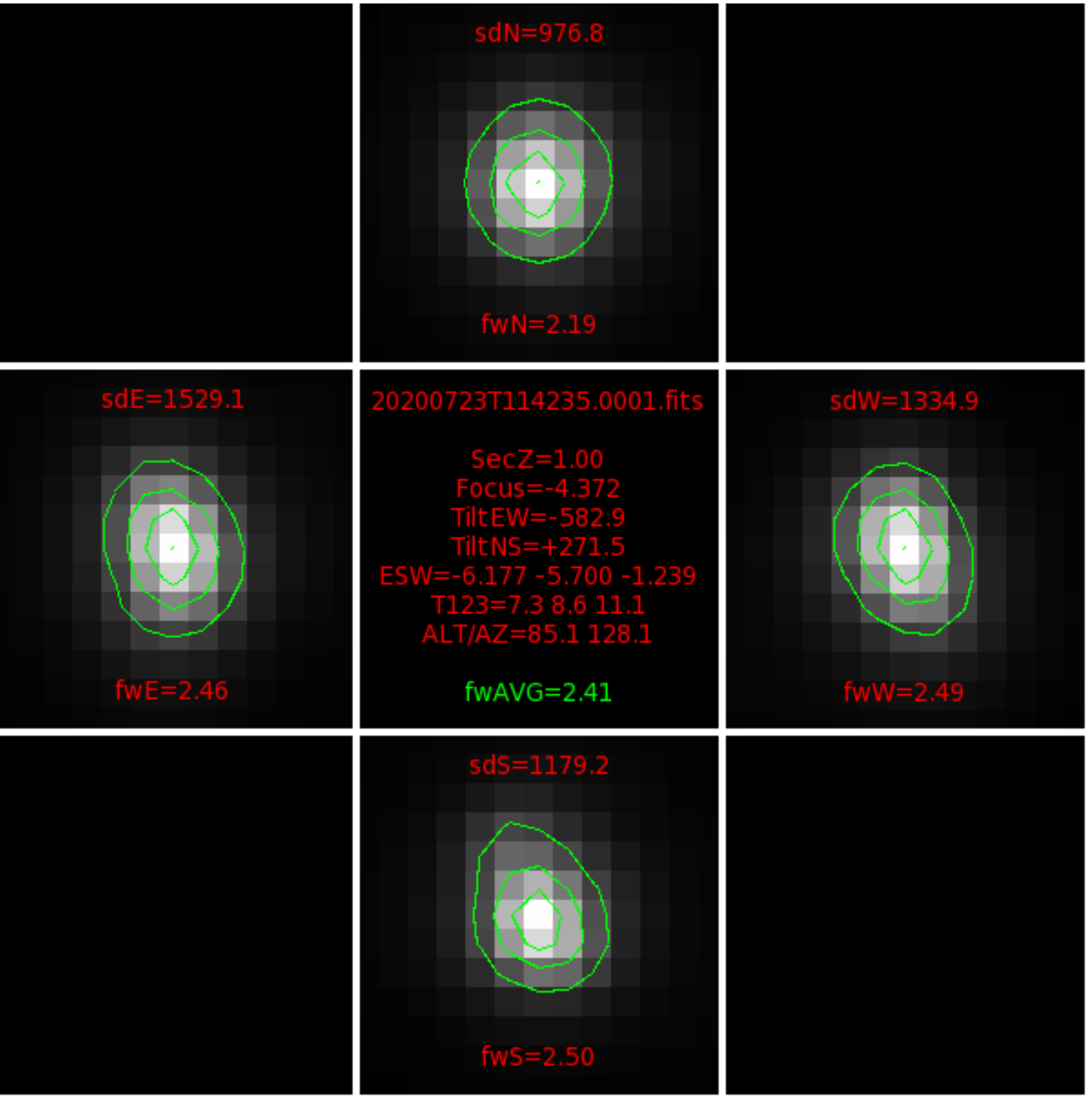
sdN=976.8
fwN=2.19
sdE=1529.1
fwE=2.46
20200723T114235.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.177 -5.700 -1.239
T123=7.3 8.6 11.1
ALT/AZ=85.1 128.1
fwAVG=2.41
sdW=1334.9
fwW=2.49
sdS=1179.2
fwS=2.50
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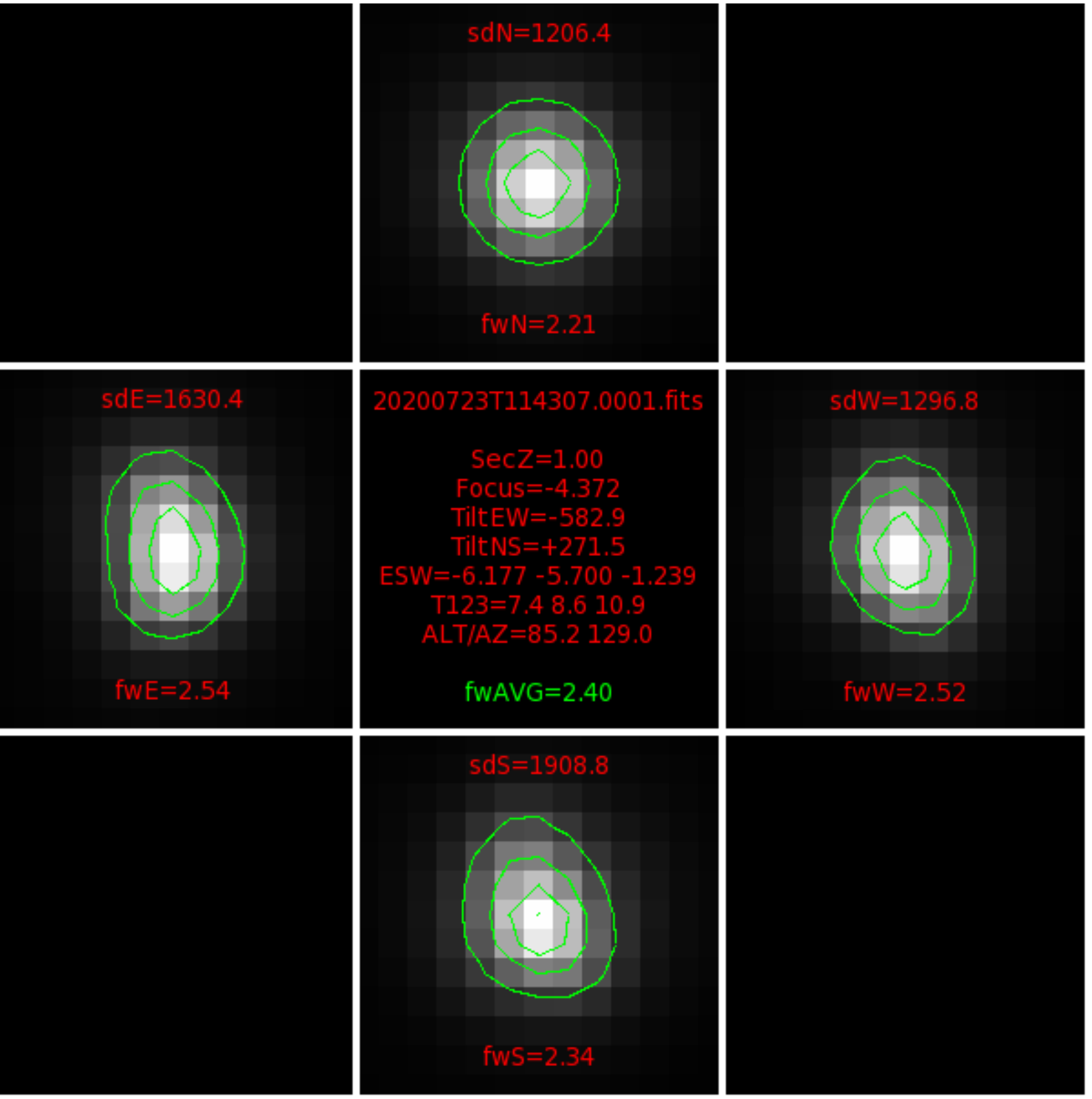
sdN=1206.4
fwN=2.21
sdE=1630.4
fwE=2.54
20200723T114307.0001.fits
SecZ=1.00
Focus=-4.372
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.177 -5.700 -1.239
T123=7.4 8.6 10.9
ALT/AZ=85.2 129.0
fwAVG=2.40
sdW=1296.8
fwW=2.52
sdS=1908.8
fwS=2.34
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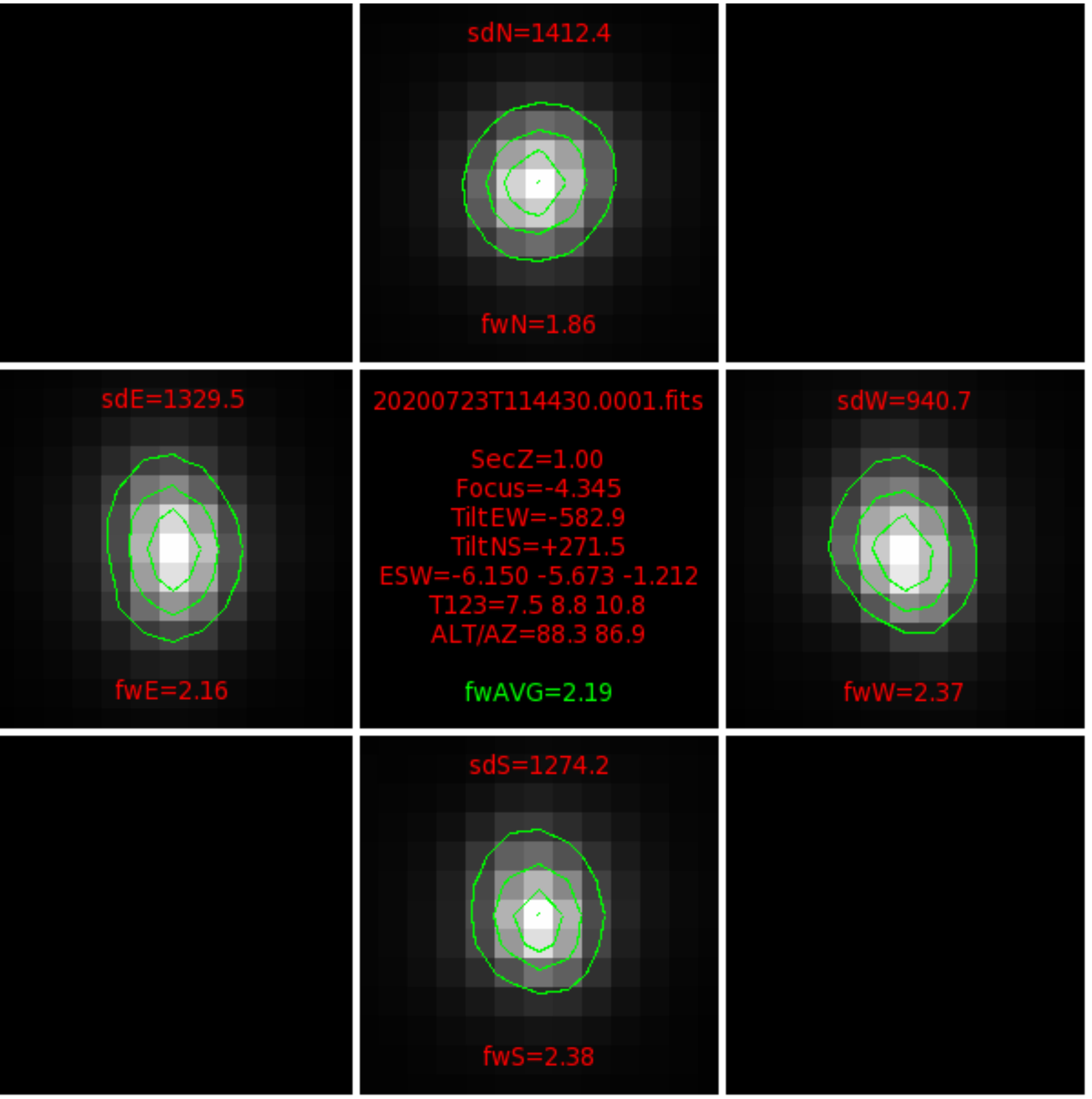
sdN=1412.4
fwN=1.86
sdE=1329.5
fwE=2.16
20200723T114430.0001.fits
SecZ=1.00
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=7.5 8.8 10.8
ALT/AZ=88.3 86.9
fwAVG=2.19
sdW=940.7
fwW=2.37
sdS=1274.2
fwS=2.38
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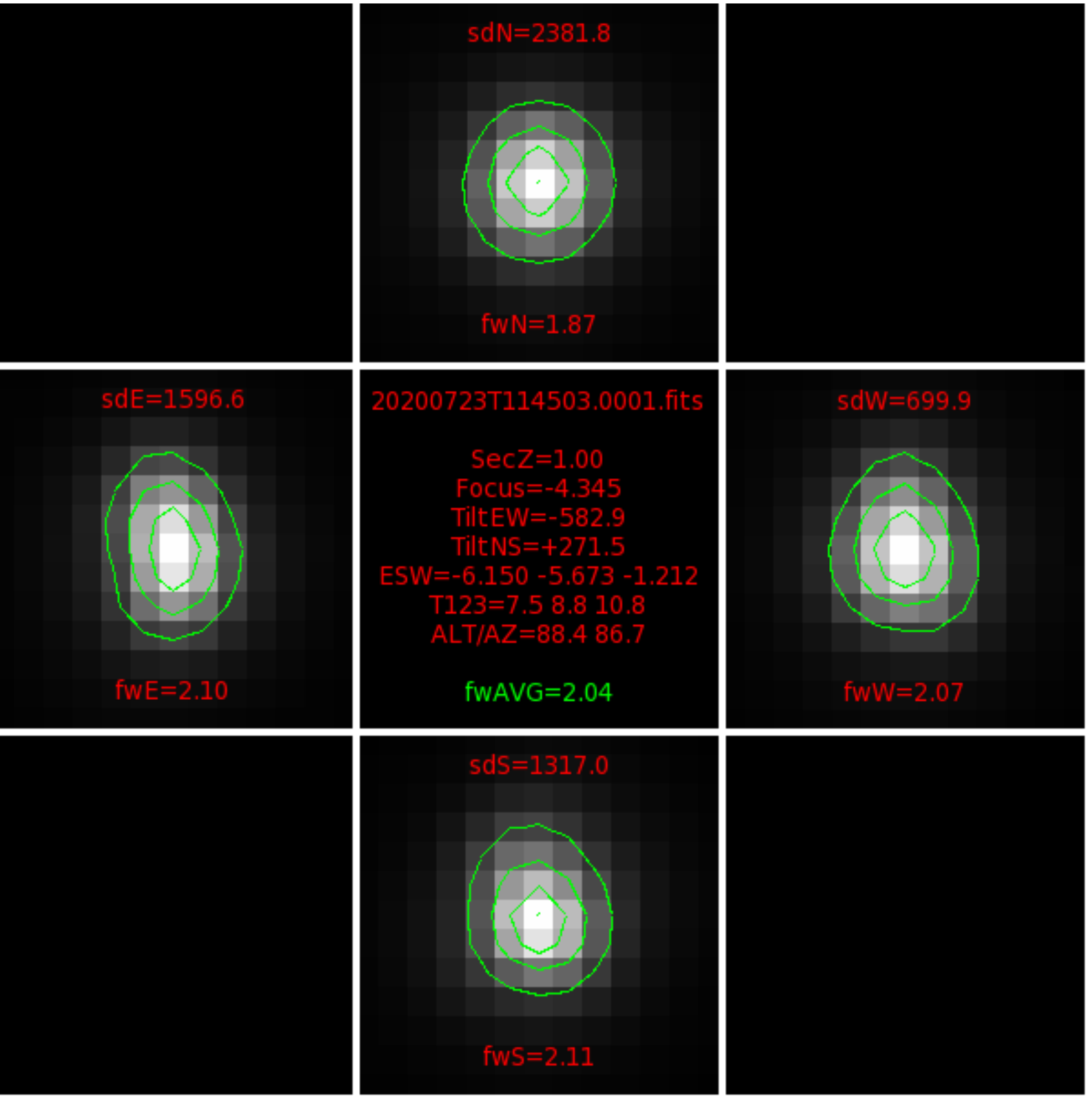
sdN=2381.8
fwN=1.87
sdE=1596.6
fwE=2.10
20200723T114503.0001.fits
SecZ=1.00
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=7.5 8.8 10.8
ALT/AZ=88.4 86.7
fwAVG=2.04
sdW=699.9
fwW=2.07
sdS=1317.0
fwS=2.11
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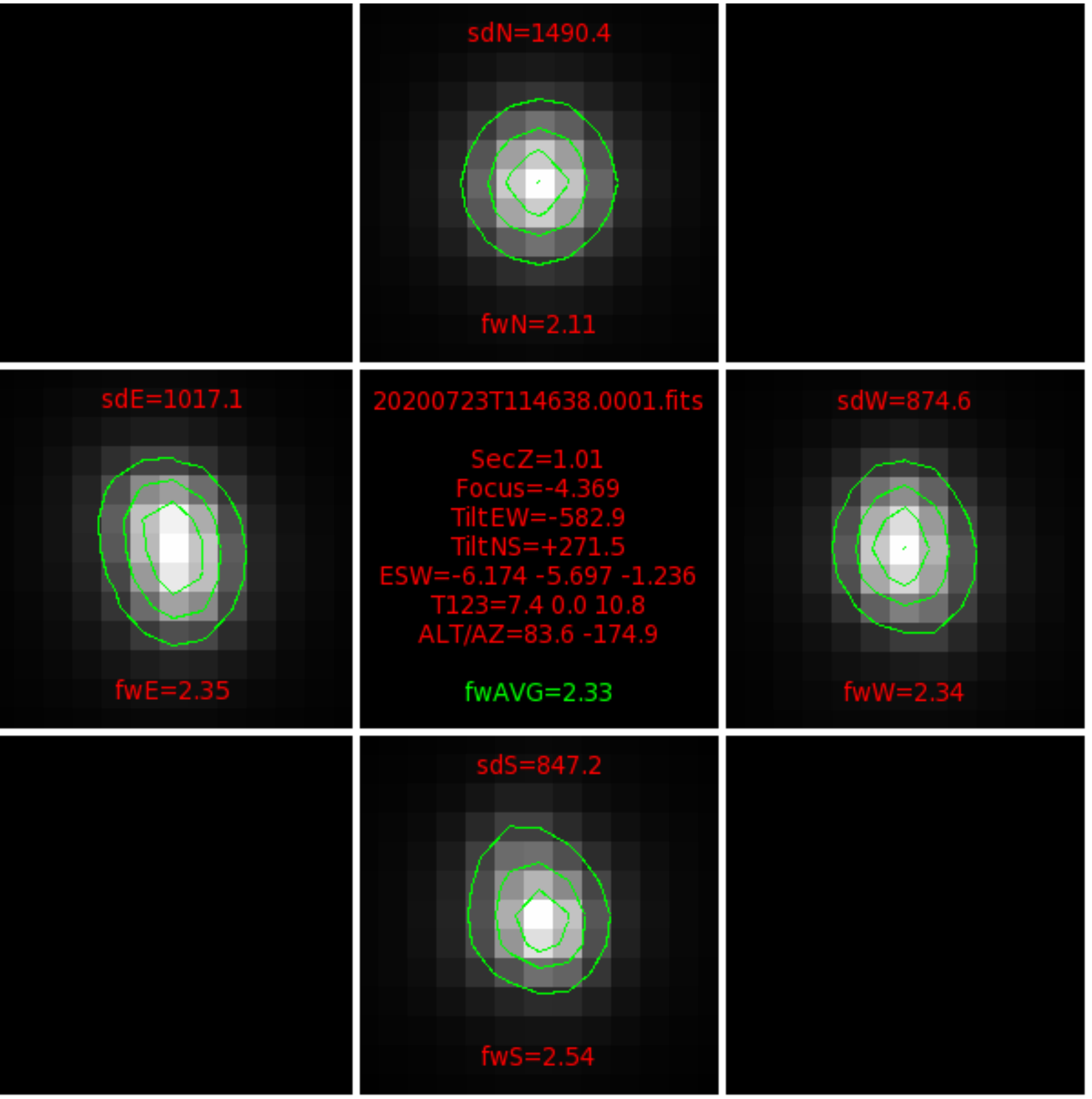
sdN=1490.4
fwN=2.11
sdE=1017.1
fwE=2.35
20200723T114638.0001.fits
SecZ=1.01
Focus=-4.369
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.174 -5.697 -1.236
T123=7.4 0.0 10.8
ALT/AZ=83.6 -174.9
fwAVG=2.33
sdW=874.6
fwW=2.34
sdS=847.2
fwS=2.54
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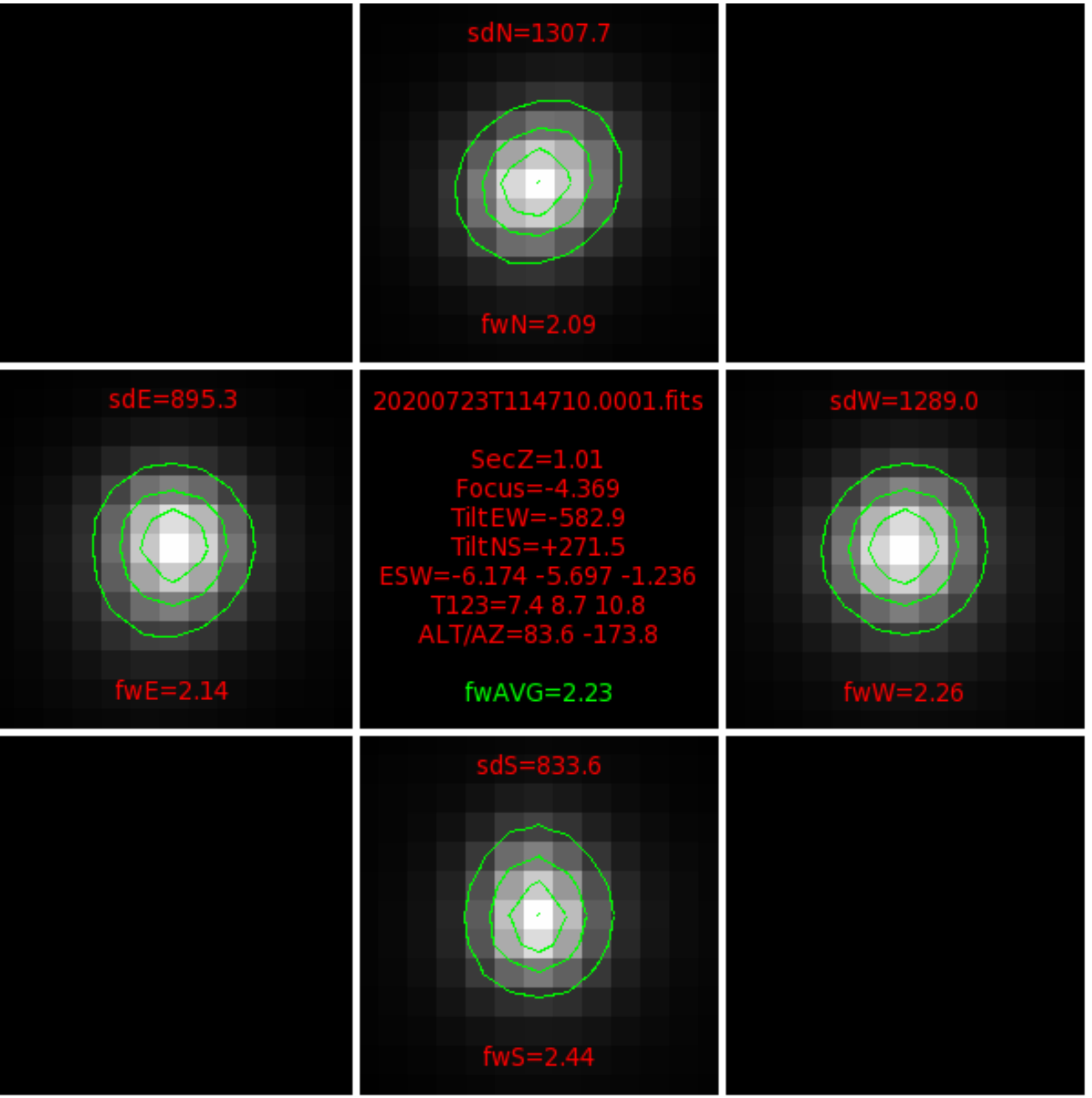
sdN=1307.7
fwN=2.09
sdE=895.3
fwE=2.14
20200723T114710.0001.fits
SecZ=1.01
Focus=-4.369
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.174 -5.697 -1.236
T123=7.4 8.7 10.8
ALT/AZ=83.6 -173.8
fwAVG=2.23
sdW=1289.0
fwW=2.26
sdS=833.6
fwS=2.44
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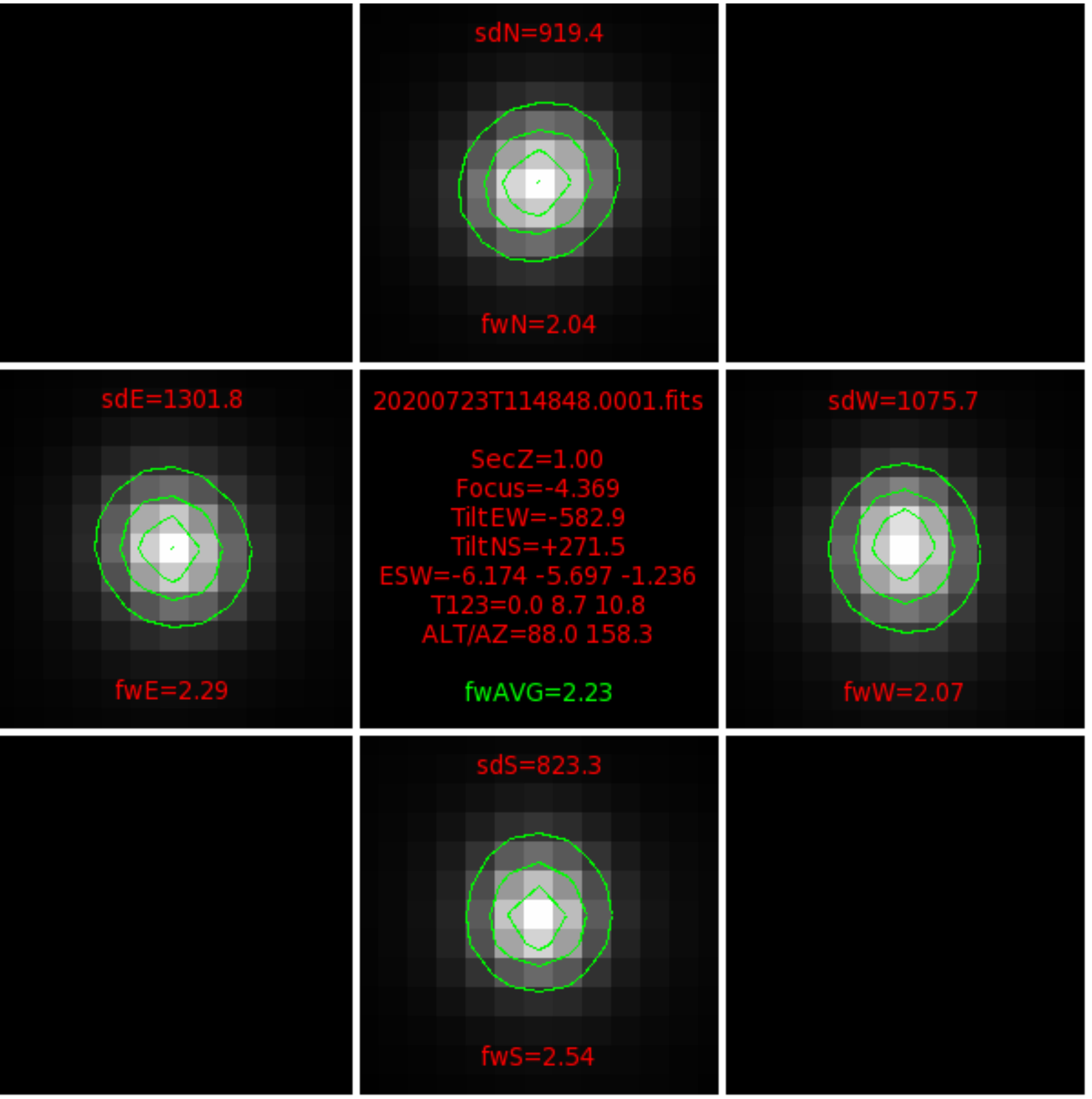
sdN=919.4
fwN=2.04
sdE=1301.8
fwE=2.29
20200723T114848.0001.fits
SecZ=1.00
Focus=-4.369
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.174 -5.697 -1.236
T123=0.0 8.7 10.8
ALT/AZ=88.0 158.3
fwAVG=2.23
sdW=1075.7
fwW=2.07
sdS=823.3
fwS=2.54
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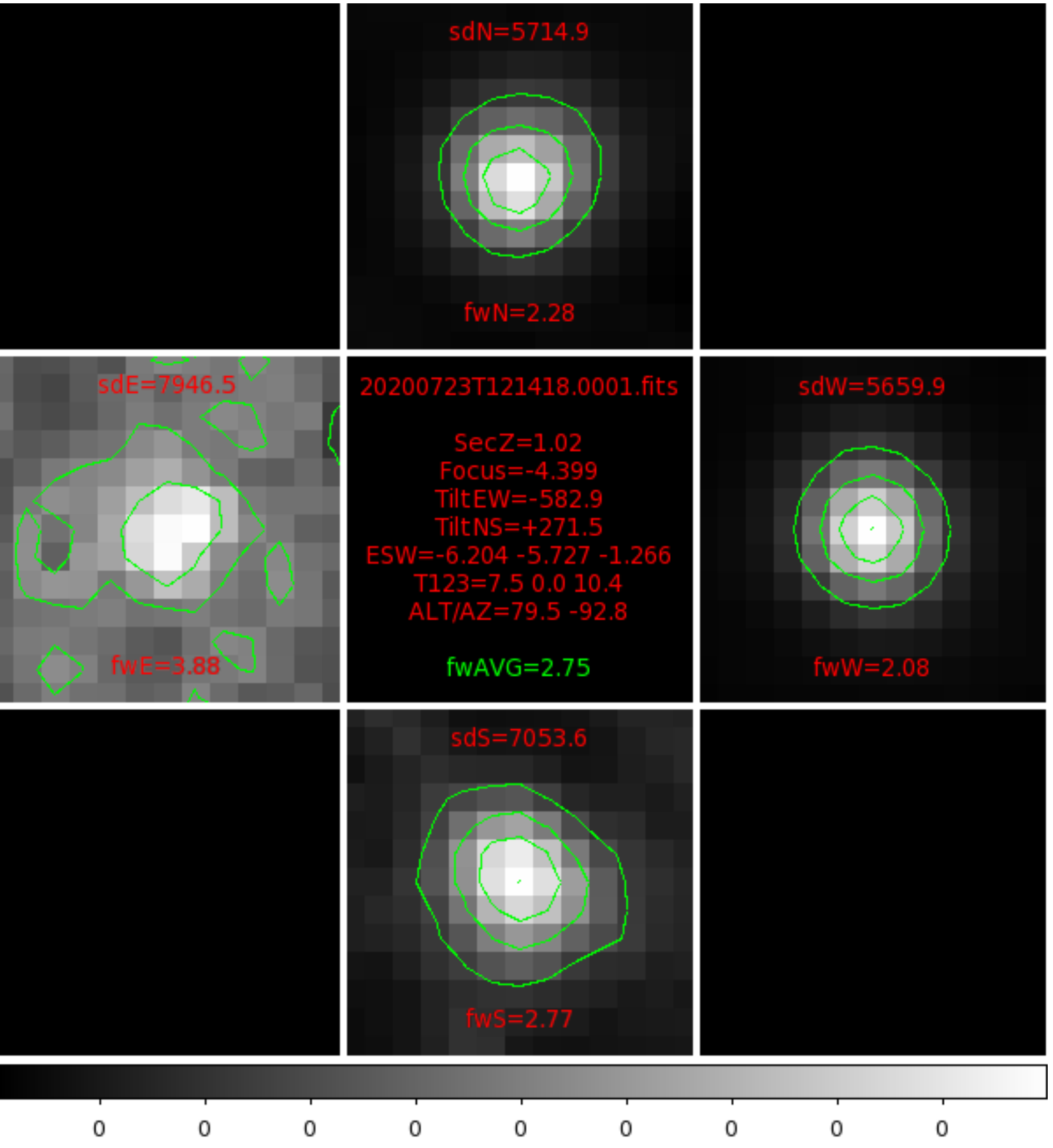
sdN=5714.9
fwN=2.28
sdE=7946.5
fwE=3.88
20200723T121418.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.5 0.0 10.4
ALT/AZ=79.5 -92.8
fwAVG=2.75
sdW=5659.9
fwW=2.08
sdS=7053.6
fwS=2.77
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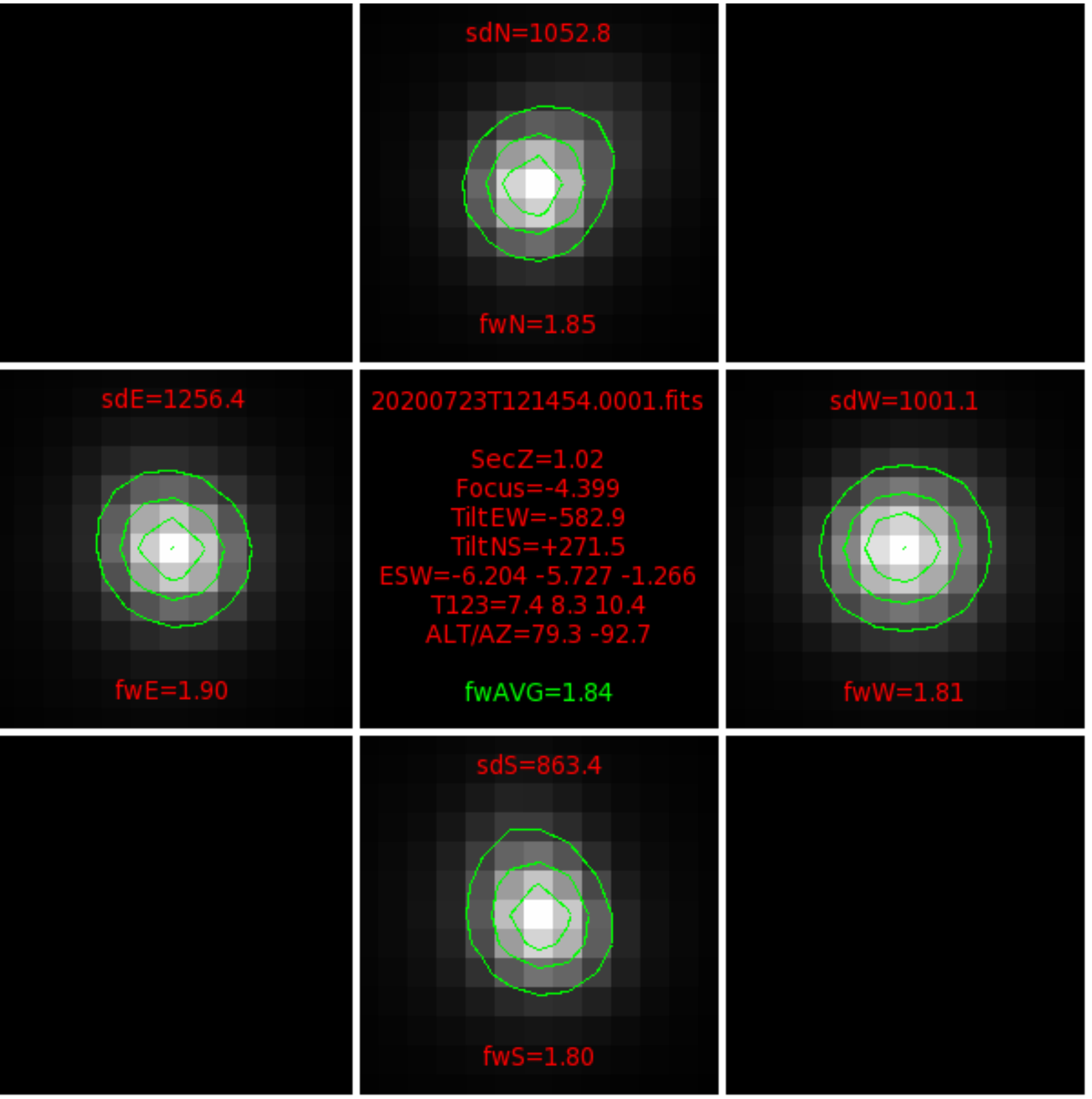
sdN=1052.8
fwN=1.85
sdE=1256.4
fwE=1.90
20200723T121454.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.4 8.3 10.4
ALT/AZ=79.3 -92.7
fwAVG=1.84
sdW=1001.1
fwW=1.81
sdS=863.4
fwS=1.80
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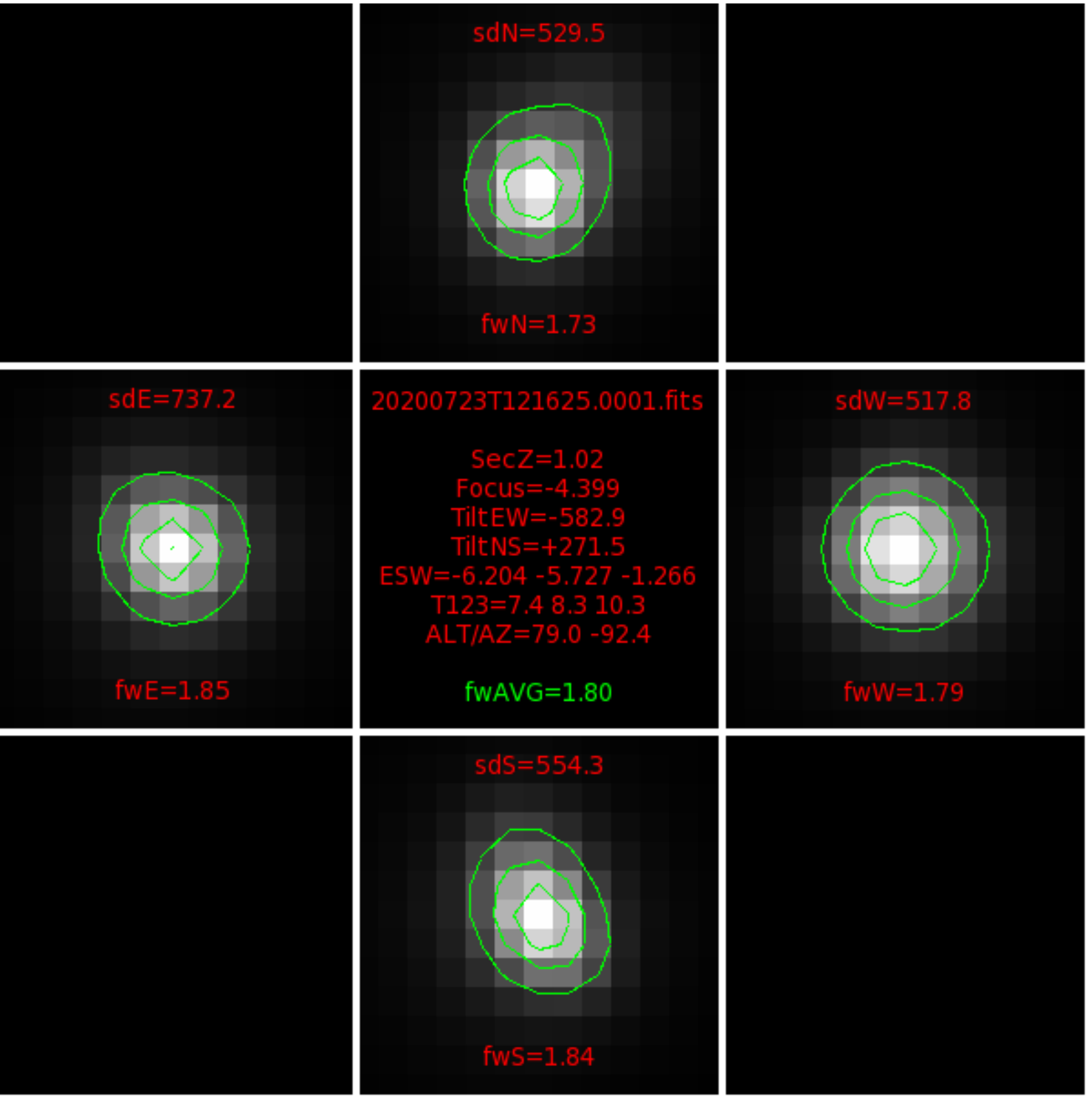
sdN=529.5
fwN=1.73
sdE=737.2
fwE=1.85
20200723T121625.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.4 8.3 10.3
ALT/AZ=79.0 -92.4
fwAVG=1.80
sdW=517.8
fwW=1.79
sdS=554.3
fwS=1.84
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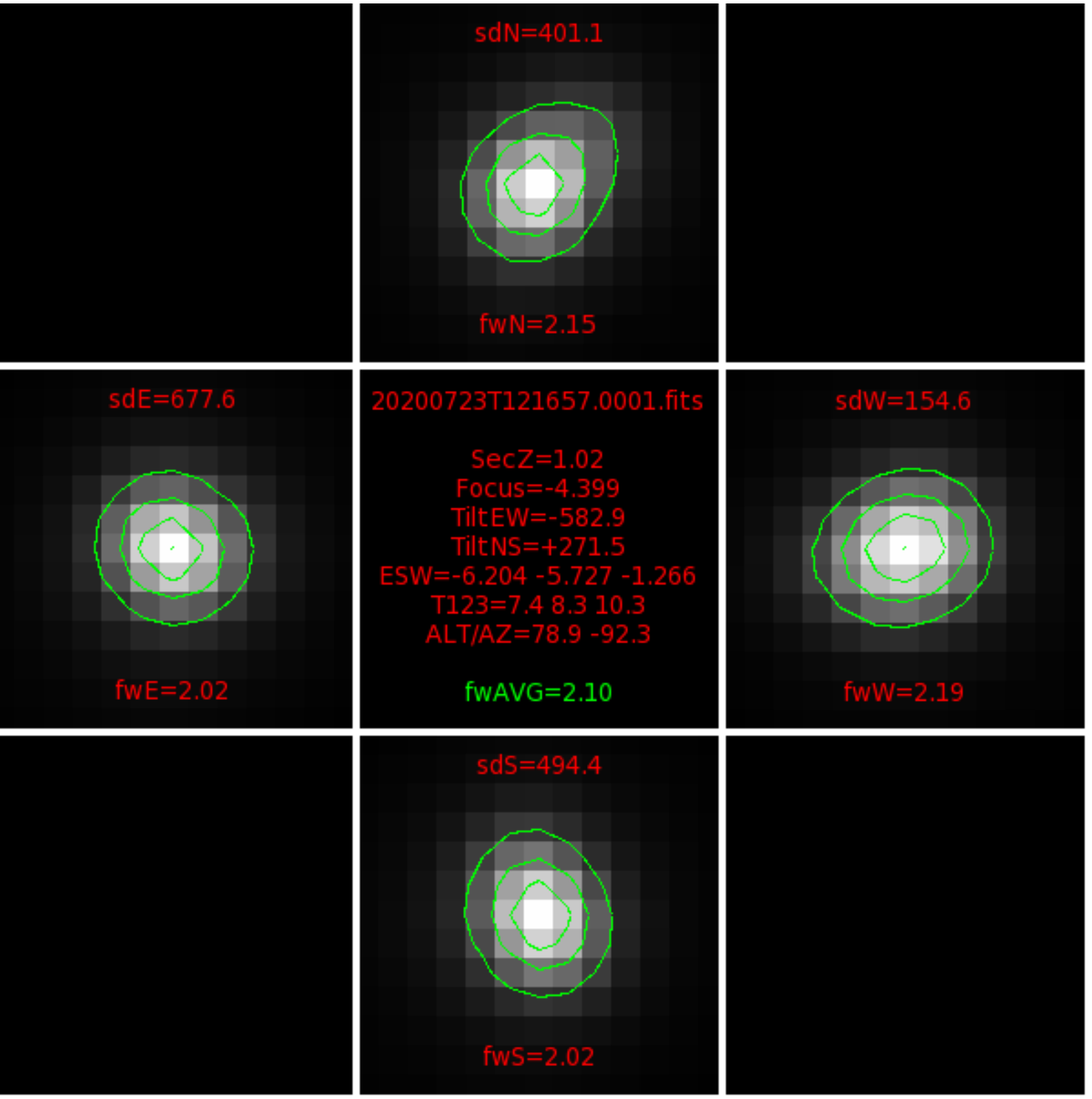
sdN=401.1
fwN=2.15
sdE=677.6
fwE=2.02
20200723T121657.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.4 8.3 10.3
ALT/AZ=78.9 -92.3
fwAVG=2.10
sdW=154.6
fwW=2.19
sdS=494.4
fwS=2.02
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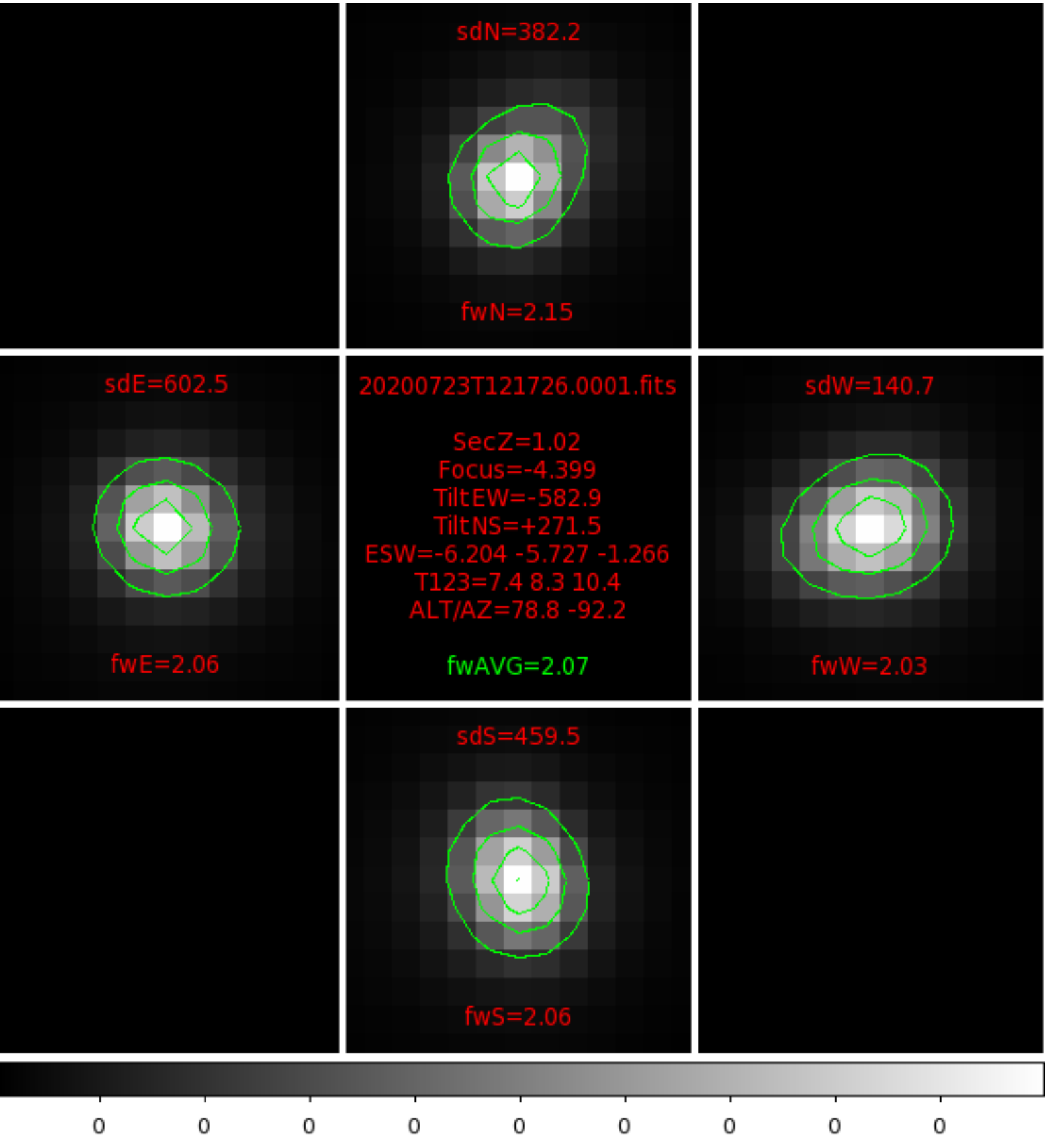
sdN=382.2
fwN=2.15
sdE=602.5
fwE=2.06
20200723T121726.0001.fits
SecZ=1.02
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.4 8.3 10.4
ALT/AZ=78.8 -92.2
fwAVG=2.07
sdW=140.7
fwW=2.03
sdS=459.5
fwS=2.06
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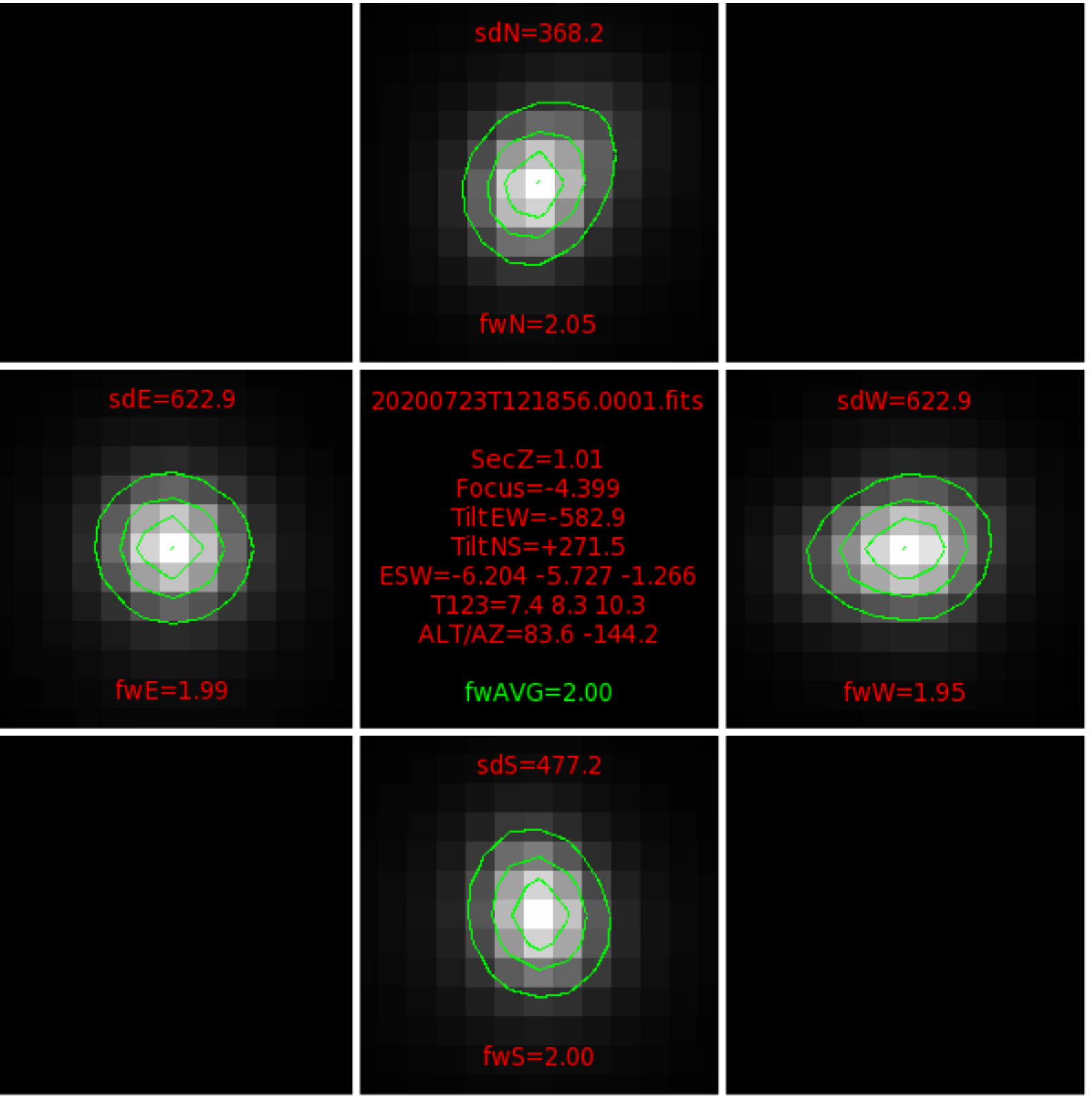
sdN=368.2
fwN=2.05
sdE=622.9
fwE=1.99
20200723T121856.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.4 8.3 10.3
ALT/AZ=83.6 -144.2
fwAVG=2.00
sdW=622.9
fwW=1.95
sdS=477.2
fwS=2.00
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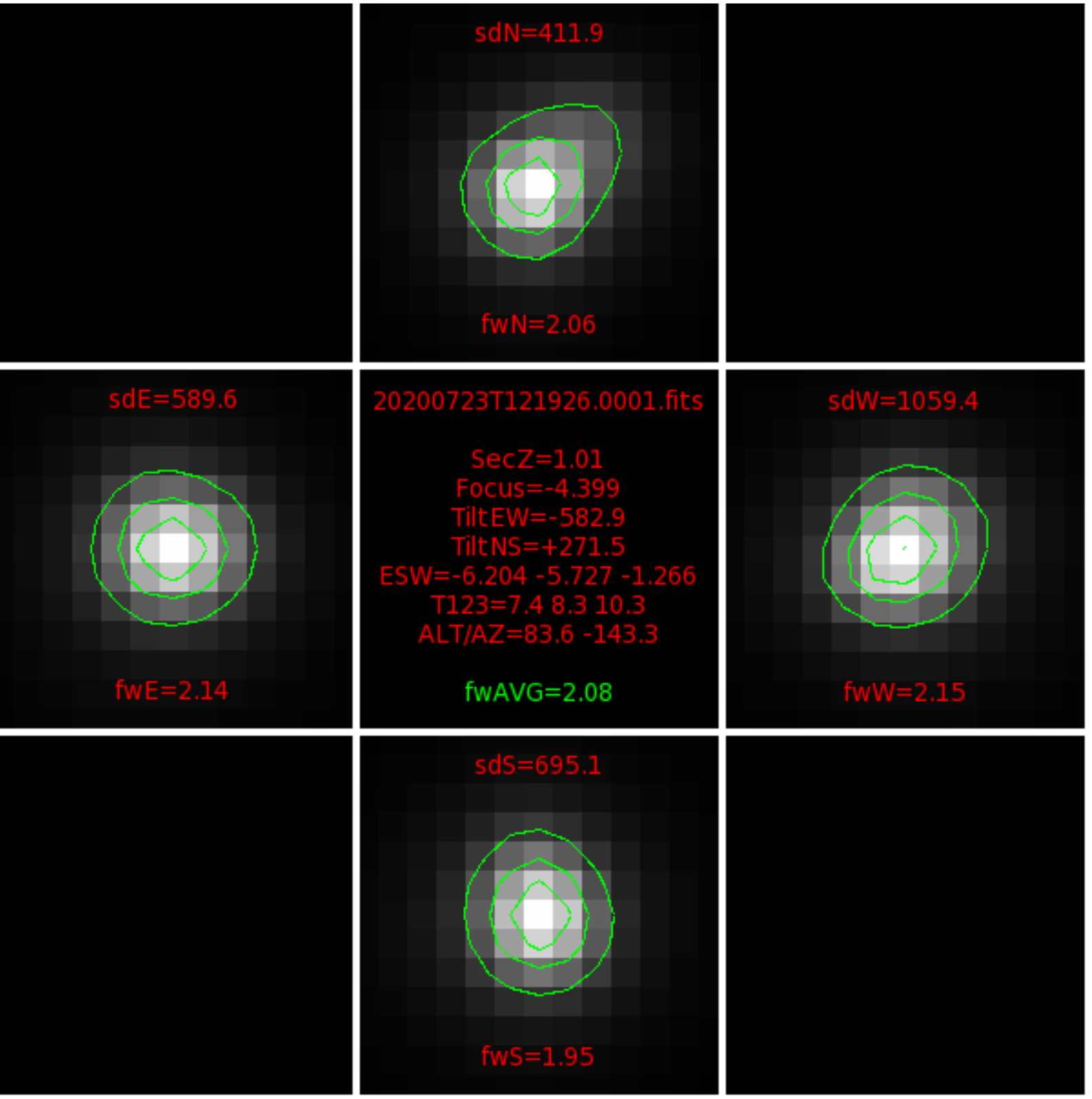
sdN=411.9
fwN=2.06
sdE=589.6
fwE=2.14
20200723T121926.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.4 8.3 10.3
ALT/AZ=83.6 -143.3
fwAVG=2.08
sdW=1059.4
fwW=2.15
sdS=695.1
fwS=1.95
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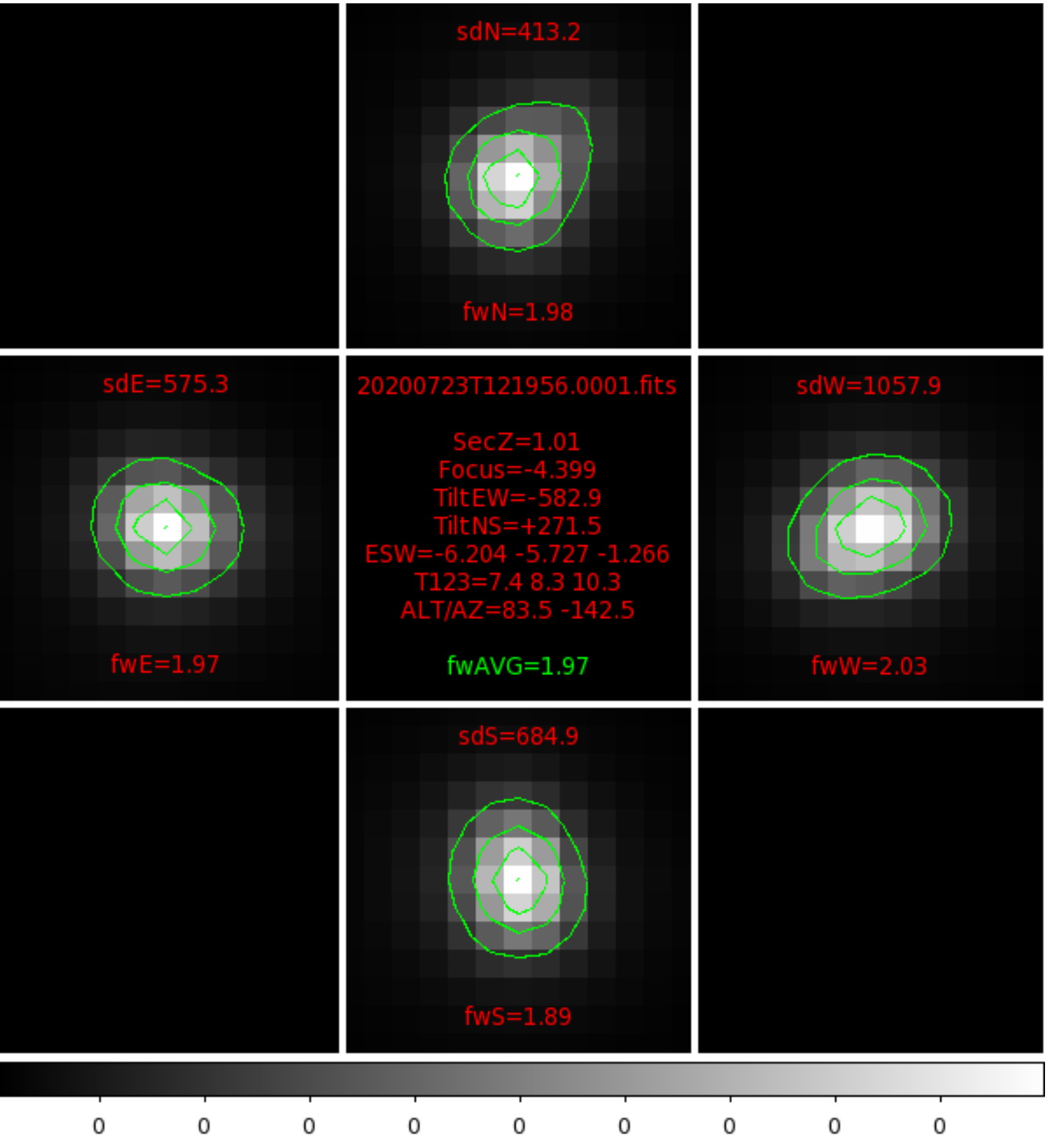
sdN=413.2
fwN=1.98
sdE=575.3
fwE=1.97
20200723T121956.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.4 8.3 10.3
ALT/AZ=83.5 -142.5
fwAVG=1.97
sdW=1057.9
fwW=2.03
sdS=684.9
fwS=1.89
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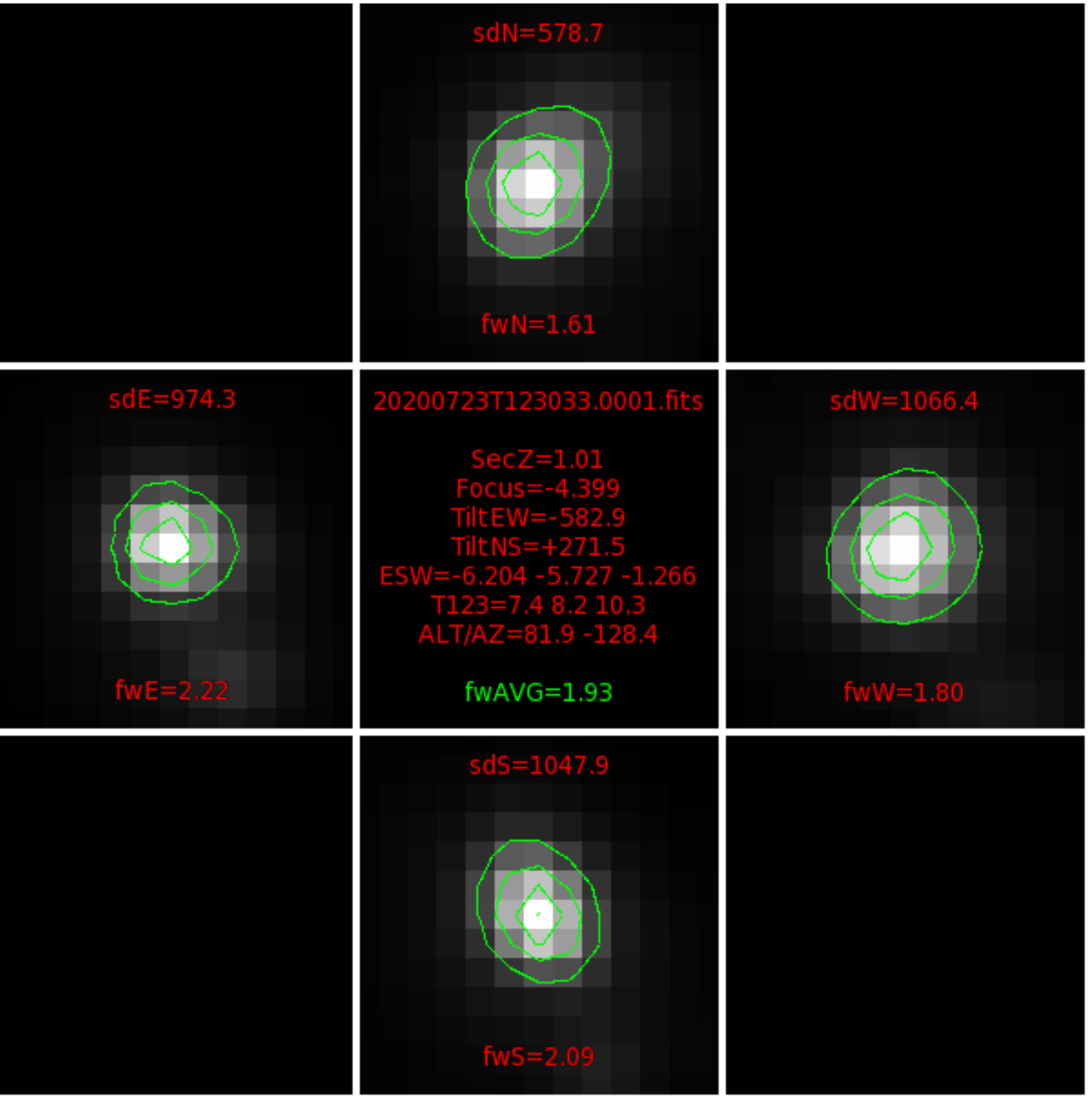
sdN=578.7
fwN=1.61
sdE=974.3
fwE=2.22
20200723T123033.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.4 8.2 10.3
ALT/AZ=81.9 -128.4
fwAVG=1.93
sdW=1066.4
fwW=1.80
sdS=1047.9
fwS=2.09
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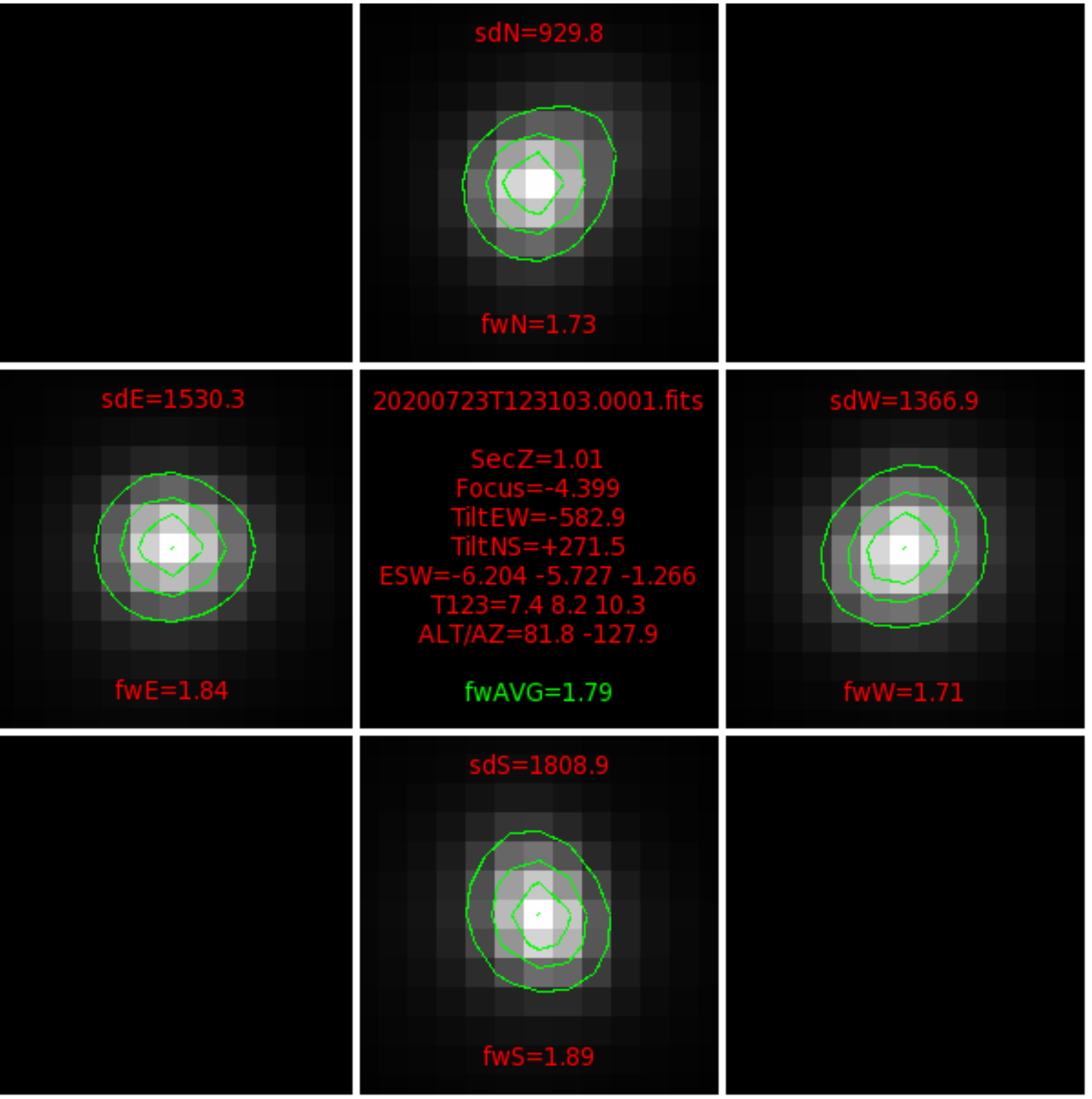
sdN=929.8
fwN=1.73
sdE=1530.3
fwE=1.84
20200723T123103.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.4 8.2 10.3
ALT/AZ=81.8 -127.9
fwAVG=1.79
sdW=1366.9
fwW=1.71
sdS=1808.9
fwS=1.89
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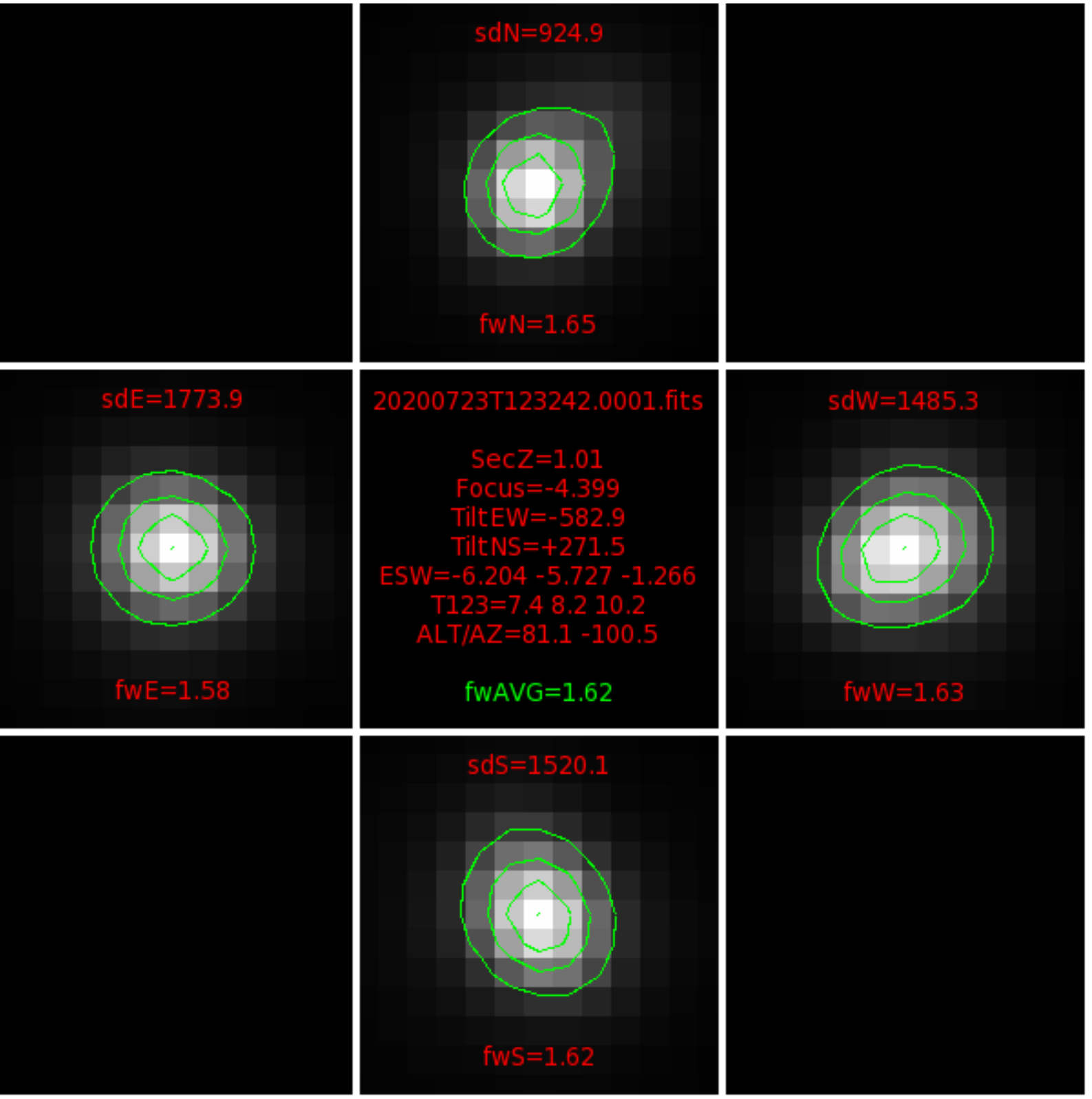
sdN=924.9
fwN=1.65
sdE=1773.9
fwE=1.58
20200723T123242.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.4 8.2 10.2
ALT/AZ=81.1 -100.5
fwAVG=1.62
sdW=1485.3
fwW=1.63
sdS=1520.1
fwS=1.62
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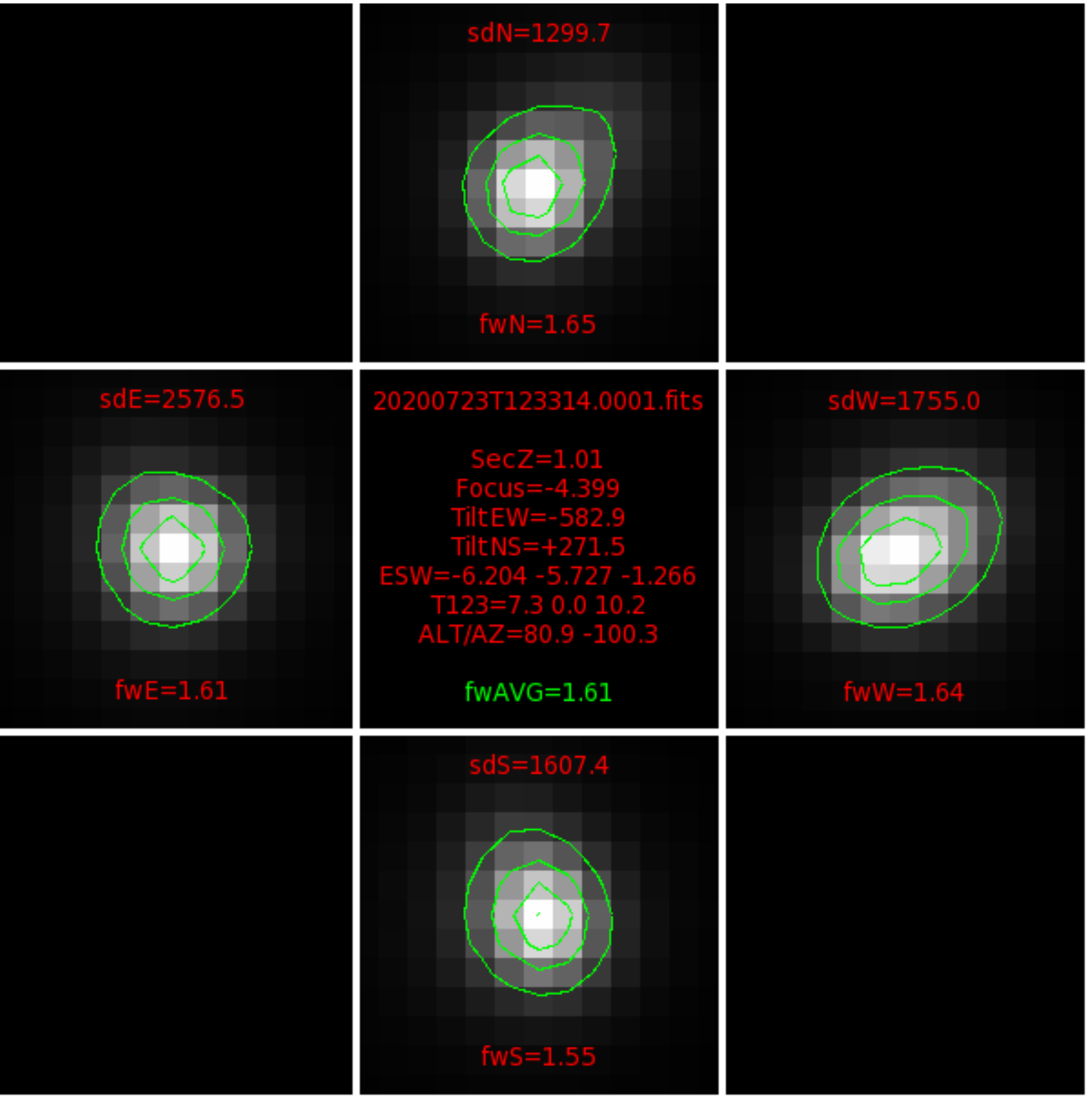
sdN=1299.7
fwN=1.65
sdE=2576.5
fwE=1.61
20200723T123314.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.3 0.0 10.2
ALT/AZ=80.9 -100.3
fwAVG=1.61
sdW=1755.0
fwW=1.64
sdS=1607.4
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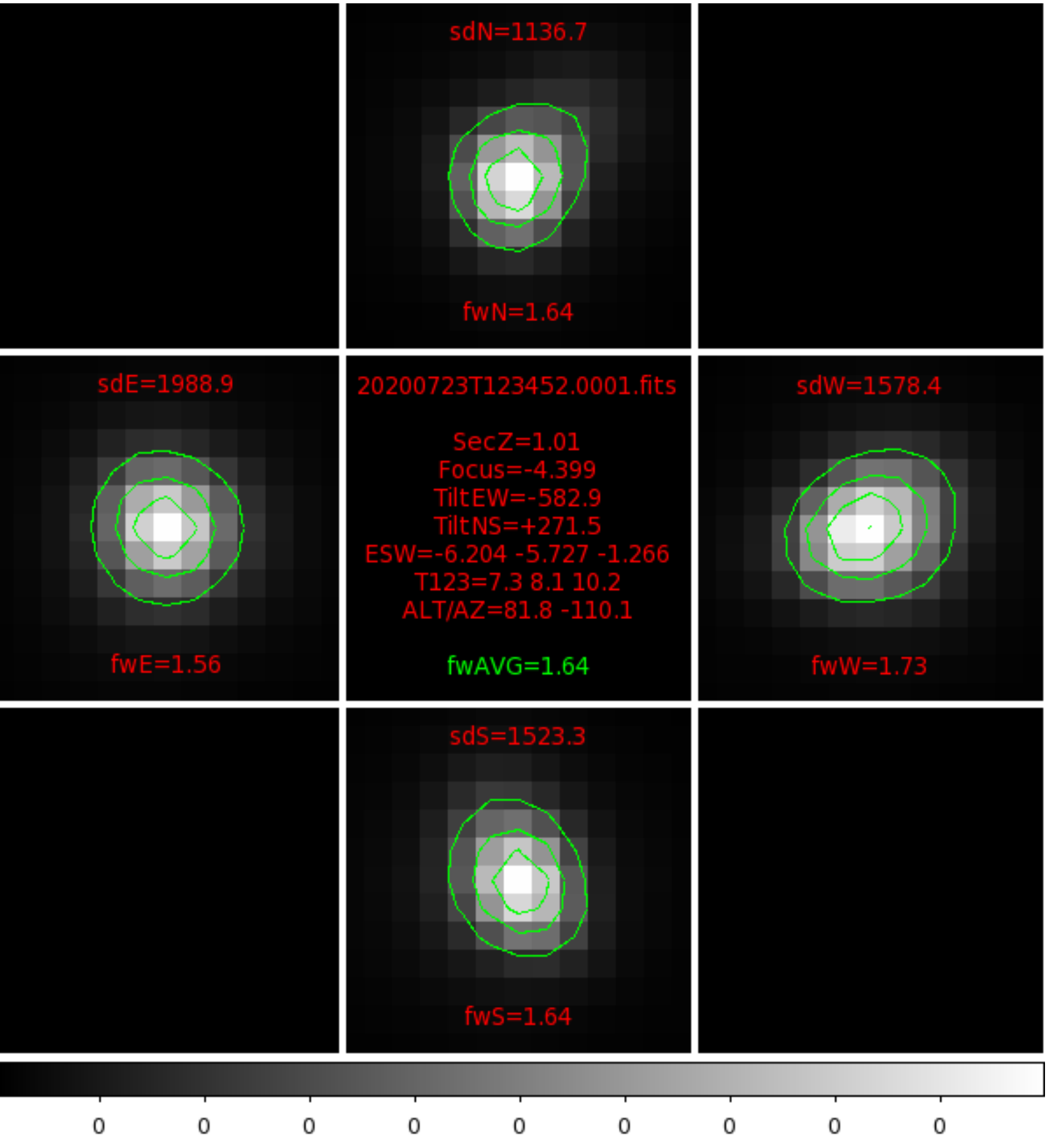
sdN=1136.7
fwN=1.64
sdE=1988.9
fwE=1.56
20200723T123452.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.3 8.1 10.2
ALT/AZ=81.8 -110.1
fwAVG=1.64
sdW=1578.4
fwW=1.73
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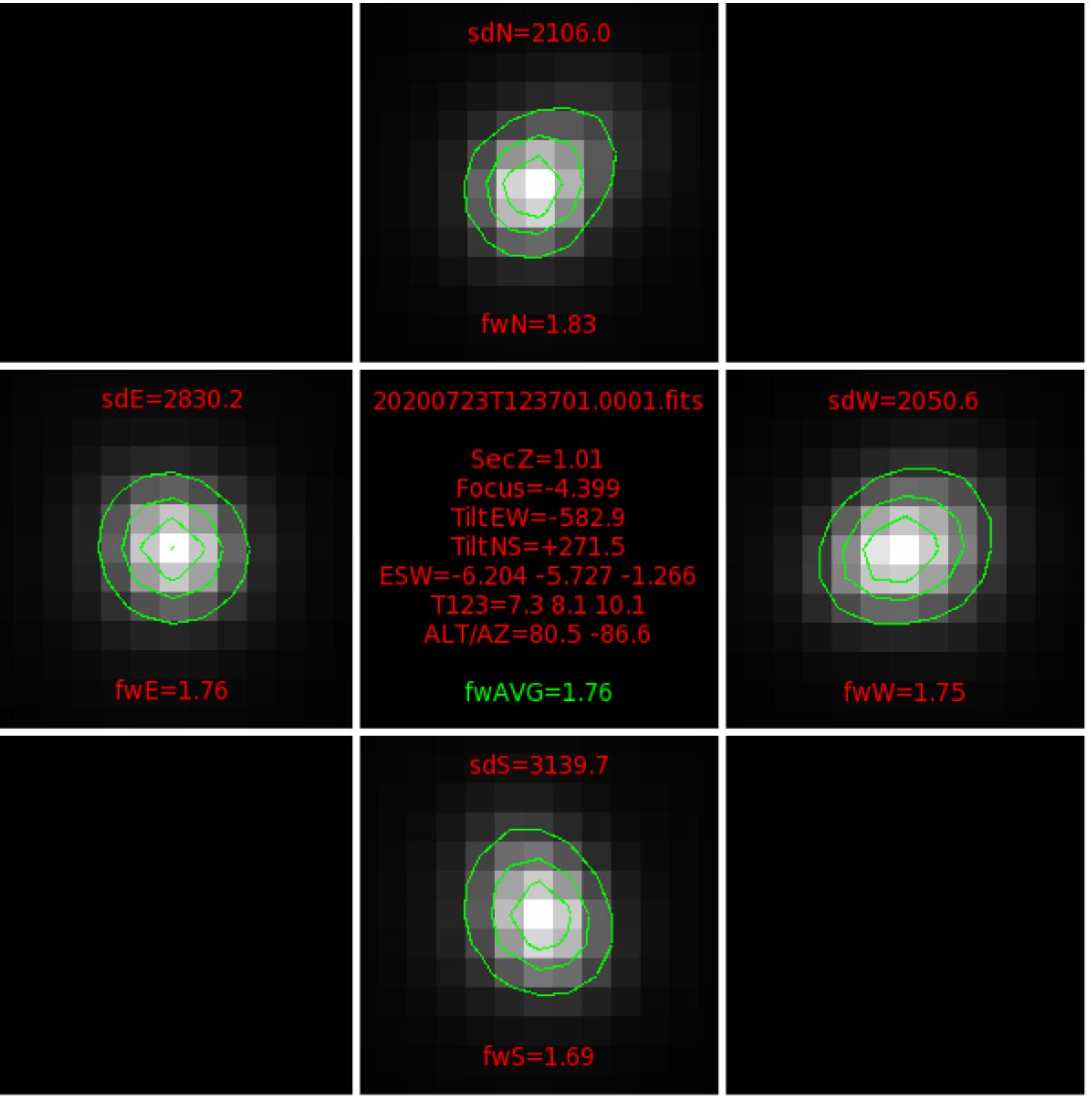
sdN=2106.0
fwN=1.83
sdE=2830.2
fwE=1.76
20200723T123701.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.3 8.1 10.1
ALT/AZ=80.5 -86.6
fwAVG=1.76
sdW=2050.6
fwW=1.75
sdS=3139.7
fwS=1.69
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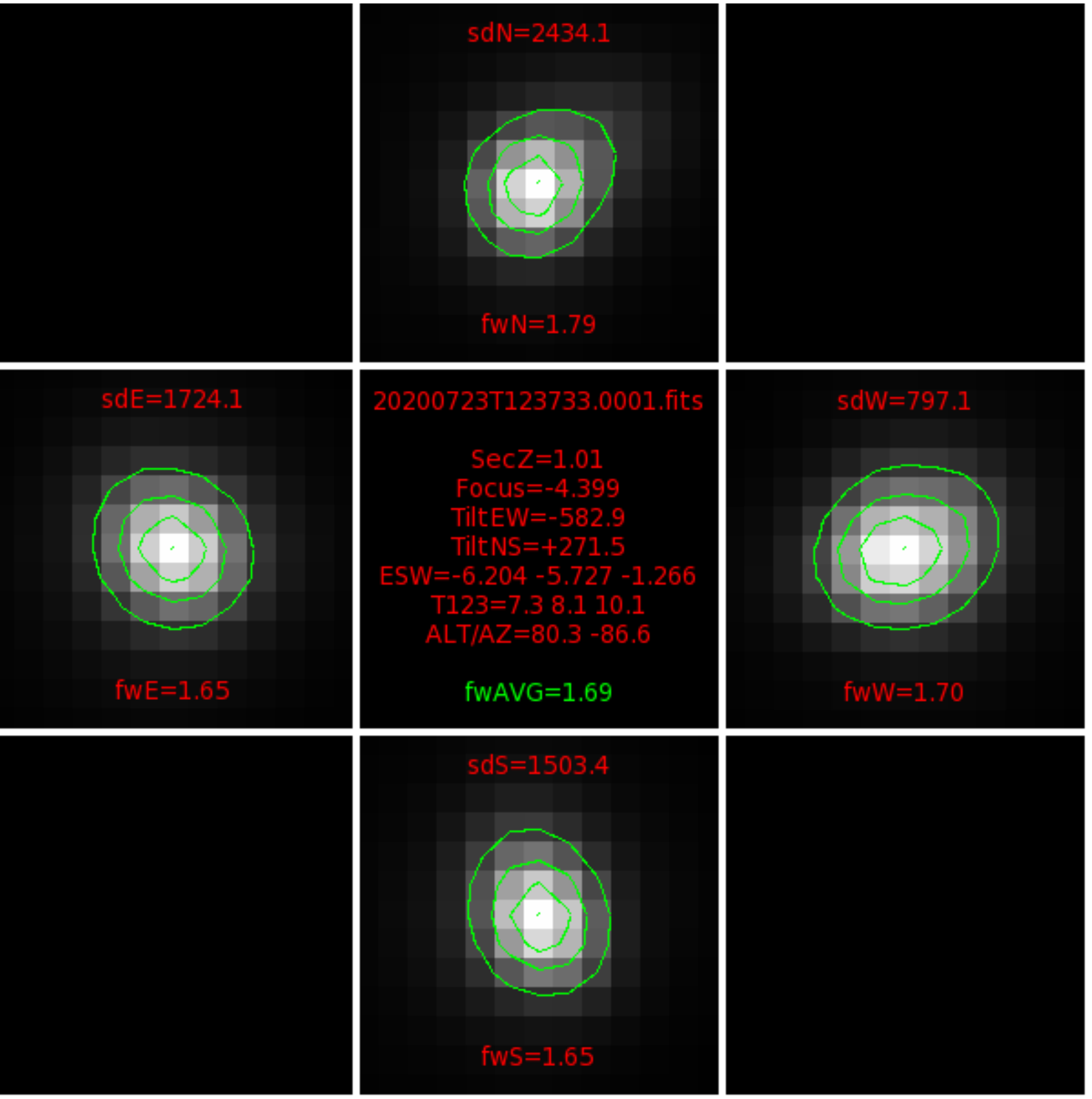
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sdE=1724.1
fwE=1.65
20200723T123733.0001.fits
SecZ=1.01
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.3 8.1 10.1
ALT/AZ=80.3 -86.6
fwAVG=1.69
sdW=797.1
fwW=1.70
sdS=1503.4
fwS=1.65
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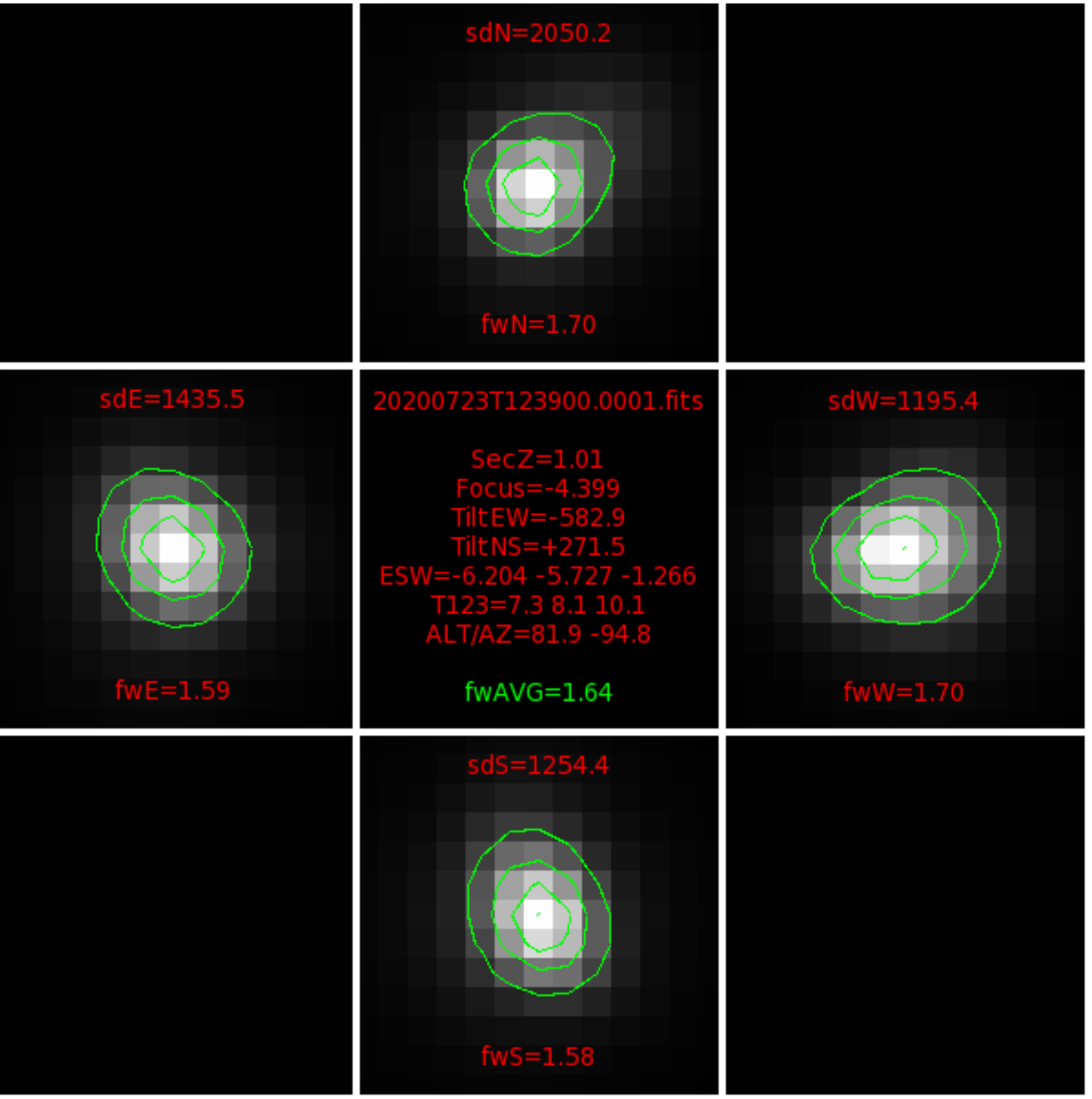
sdN=2050.2
fwN=1.70
sdE=1435.5
fwE=1.59
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SecZ=1.01
Focus=-4.399
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.204 -5.727 -1.266
T123=7.3 8.1 10.1
ALT/AZ=81.9 -94.8
fwAVG=1.64
sdW=1195.4
fwW=1.70
sdS=1254.4
fwS=1.58
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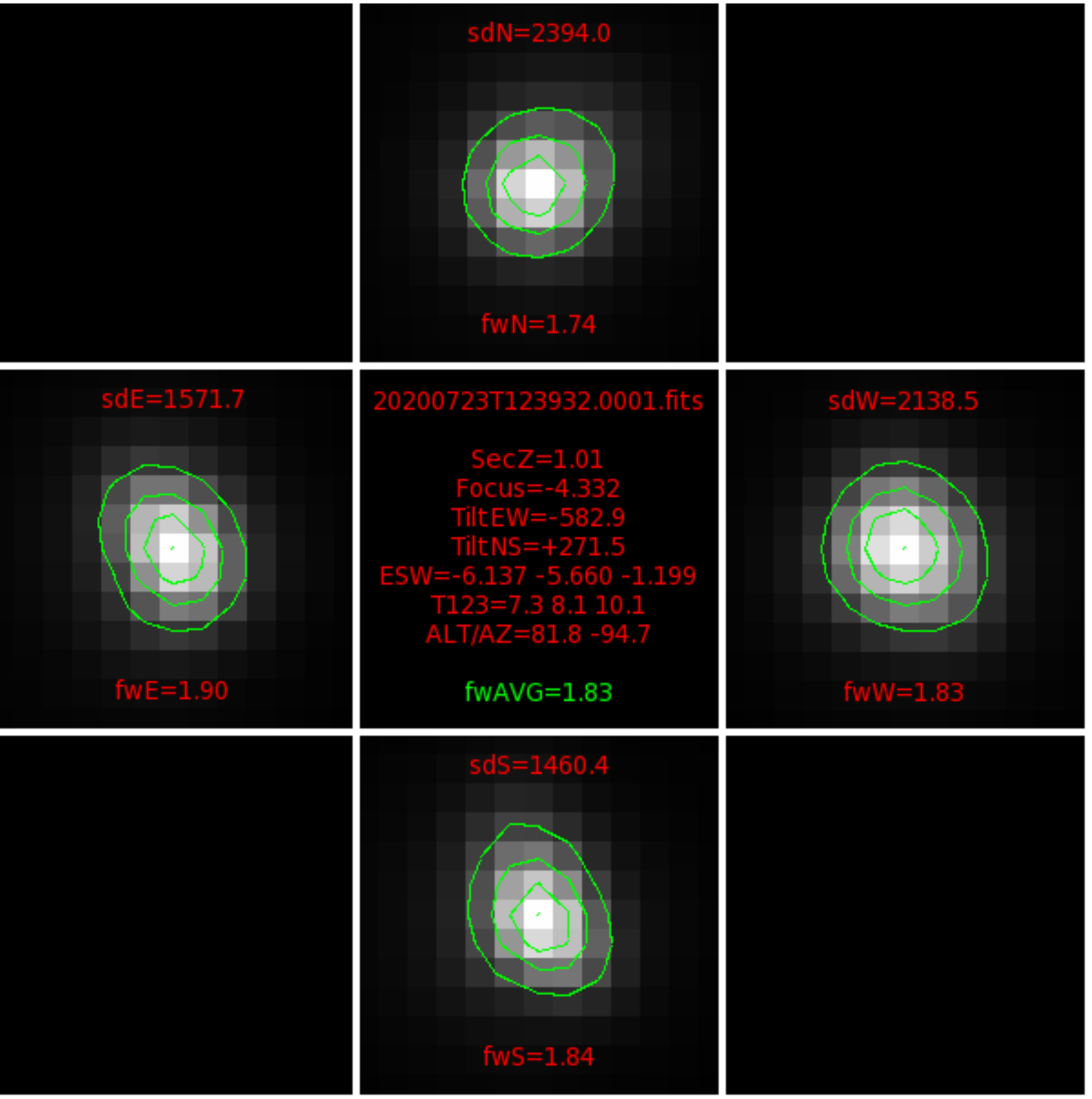
sdN=2394.0
fwN=1.74
sdE=1571.7
fwE=1.90
20200723T123932.0001.fits
SecZ=1.01
Focus=-4.332
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.137 -5.660 -1.199
T123=7.3 8.1 10.1
ALT/AZ=81.8 -94.7
fwAVG=1.83
sdW=2138.5
fwW=1.83
sdS=1460.4
fwS=1.84
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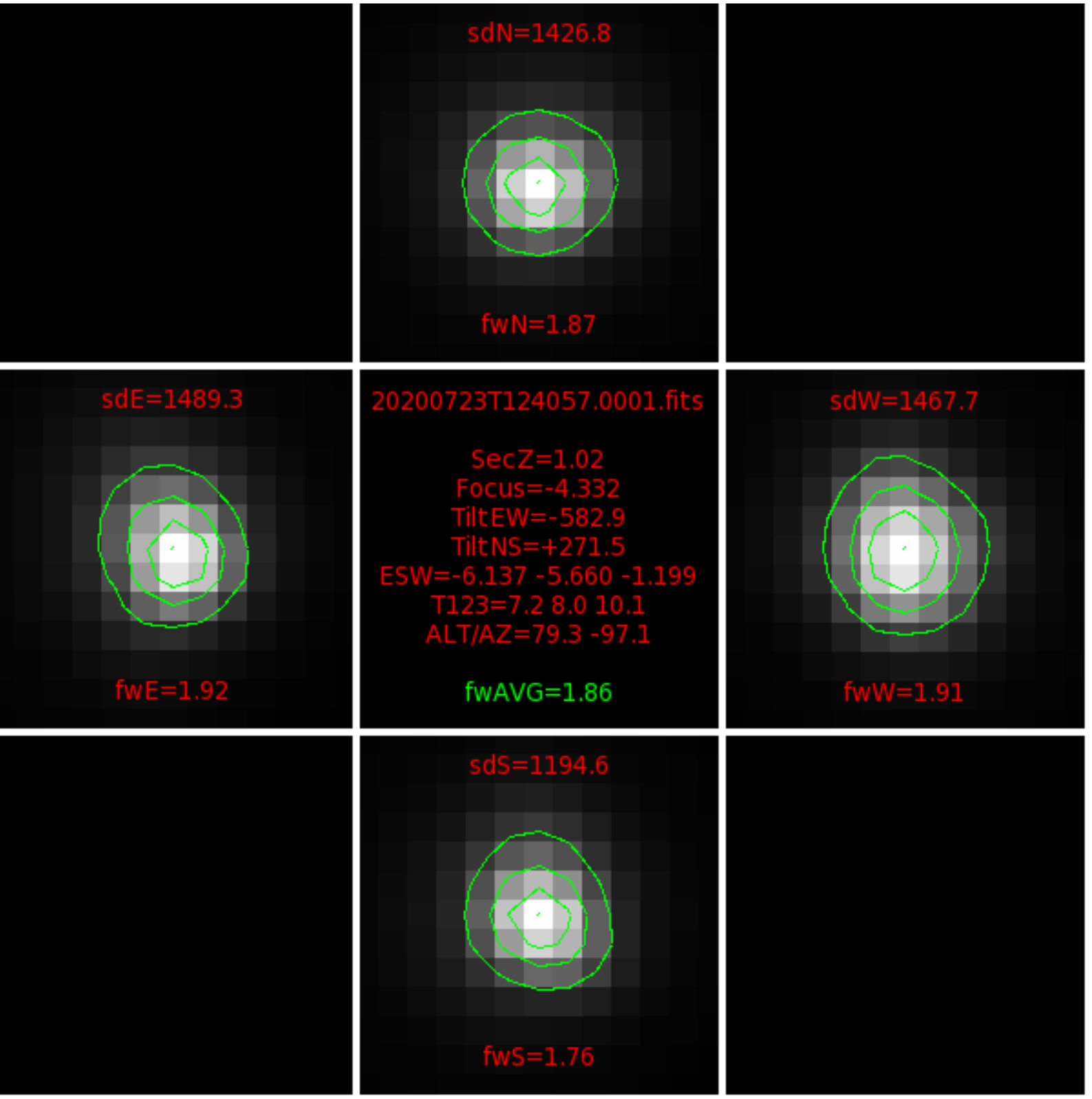
sdN=1426.8
fwN=1.87
sdE=1489.3
fwE=1.92
20200723T124057.0001.fits
SecZ=1.02
Focus=-4.332
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.137 -5.660 -1.199
T123=7.2 8.0 10.1
ALT/AZ=79.3 -97.1
fwAVG=1.86
sdW=1467.7
fwW=1.91
sdS=1194.6
fwS=1.76
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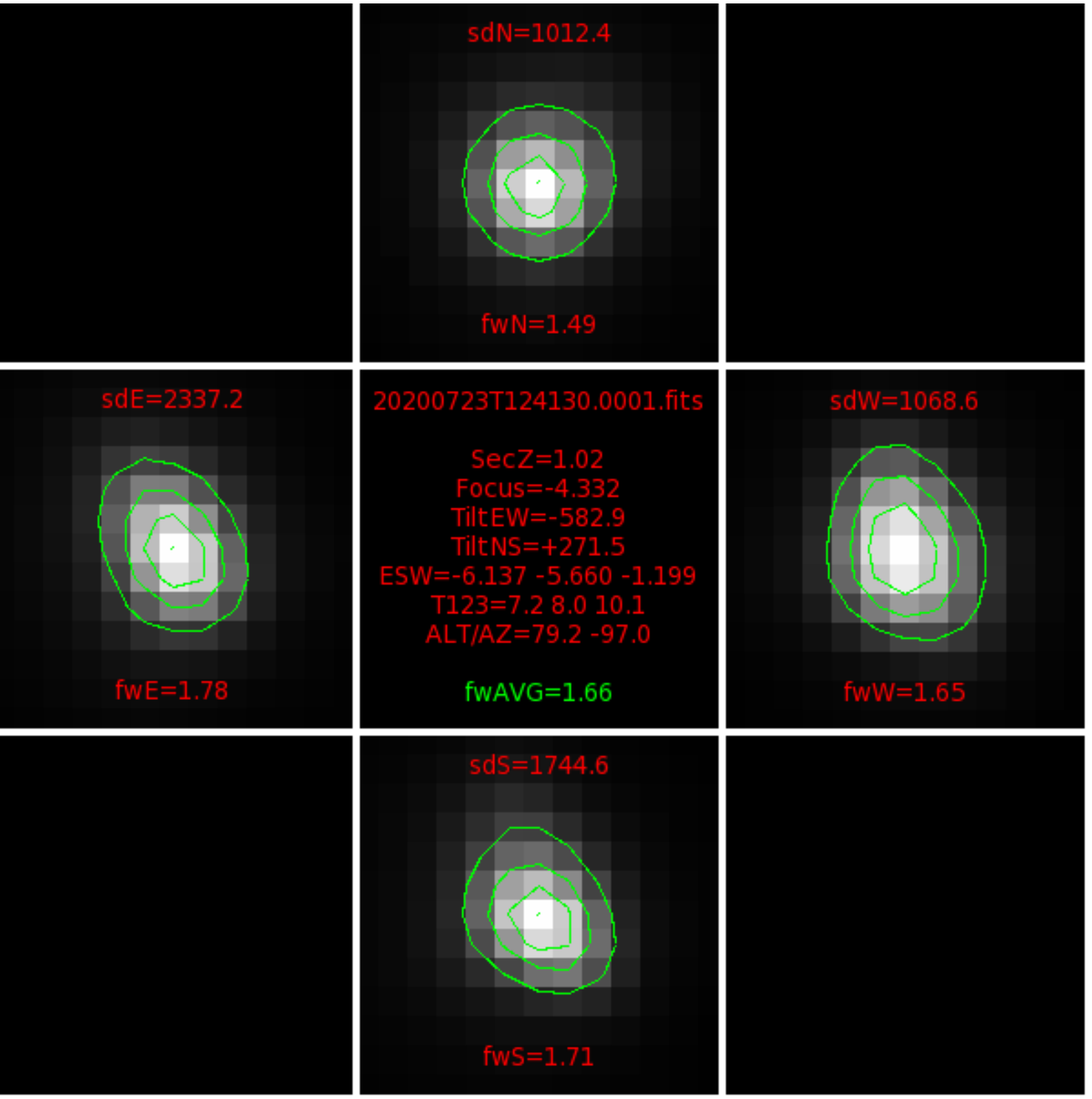
sdN=1012.4
fwN=1.49
sdE=2337.2
fwE=1.78
20200723T124130.0001.fits
SecZ=1.02
Focus=-4.332
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.137 -5.660 -1.199
T123=7.2 8.0 10.1
ALT/AZ=79.2 -97.0
fwAVG=1.66
sdW=1068.6
fwW=1.65
sdS=1744.6
fwS=1.71
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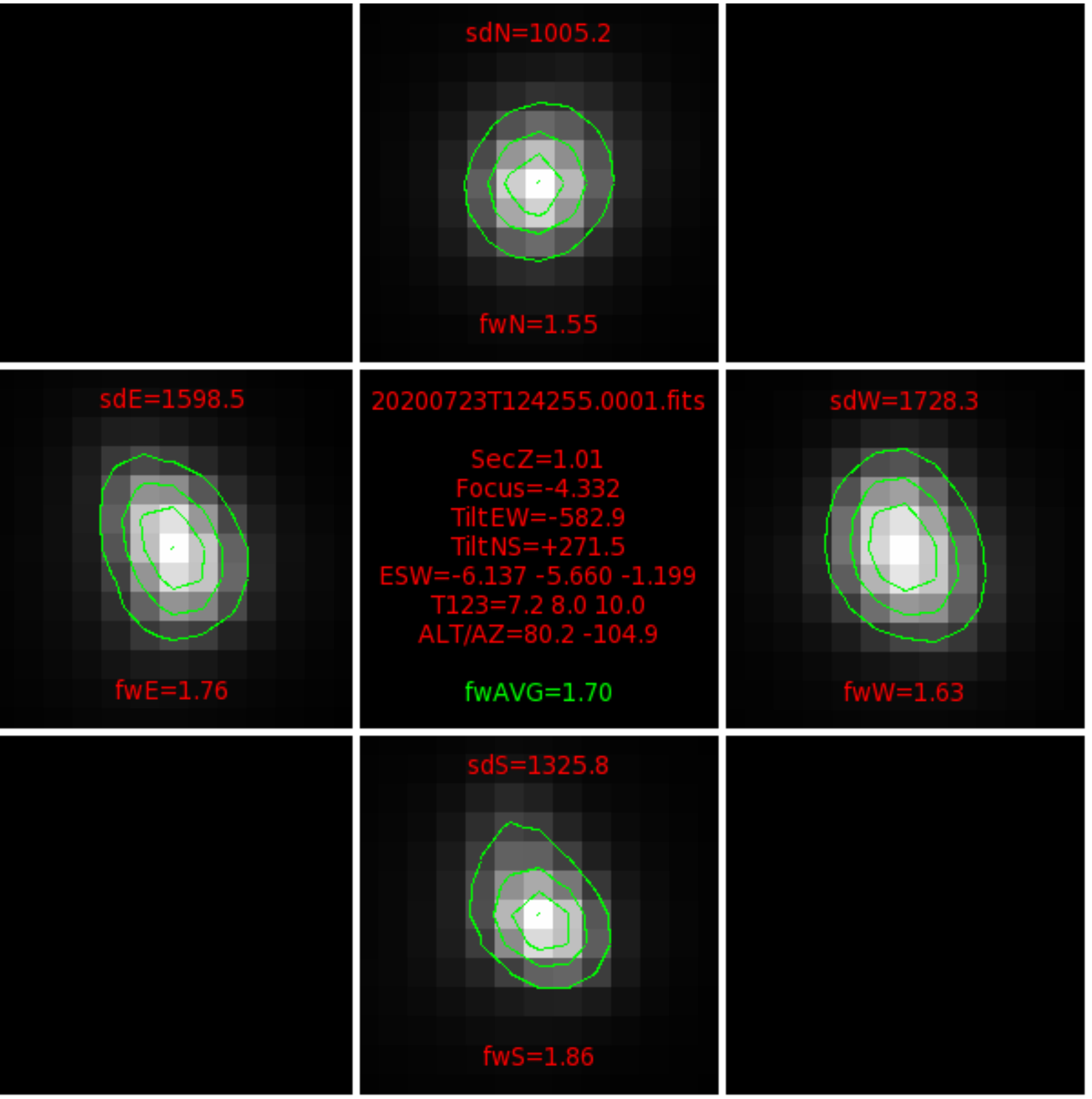
sdN=1005.2
fwN=1.55
sdE=1598.5
fwE=1.76
20200723T124255.0001.fits
SecZ=1.01
Focus=-4.332
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.137 -5.660 -1.199
T123=7.2 8.0 10.0
ALT/AZ=80.2 -104.9
fwAVG=1.70
sdW=1728.3
fwW=1.63
sdS=1325.8
fwS=1.86
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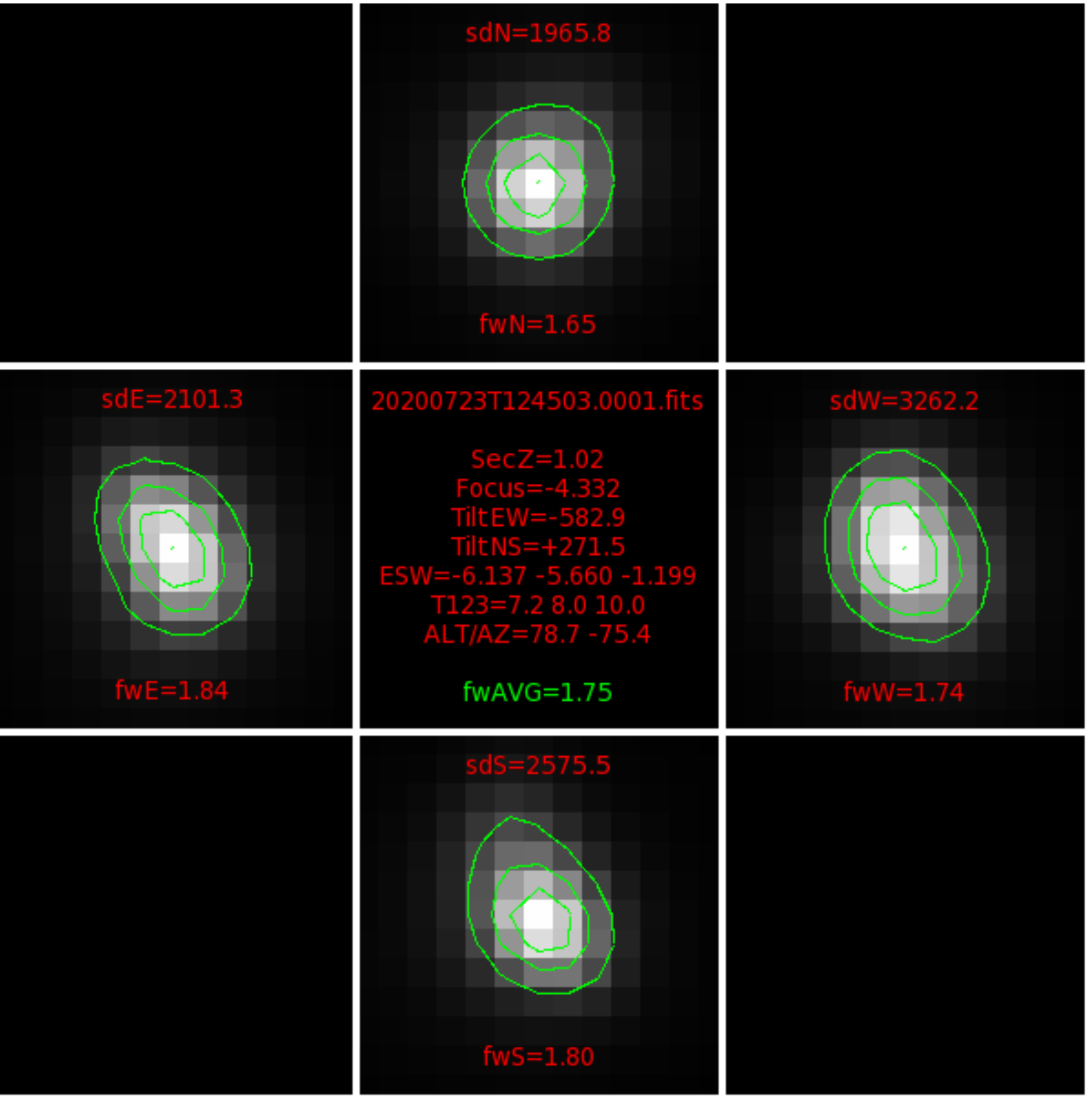
sdN=1965.8
fwN=1.65
sdE=2101.3
fwE=1.84
20200723T124503.0001.fits
SecZ=1.02
Focus=-4.332
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.137 -5.660 -1.199
T123=7.2 8.0 10.0
ALT/AZ=78.7 -75.4
fwAVG=1.75
sdW=3262.2
fwW=1.74
sdS=2575.5
fwS=1.80
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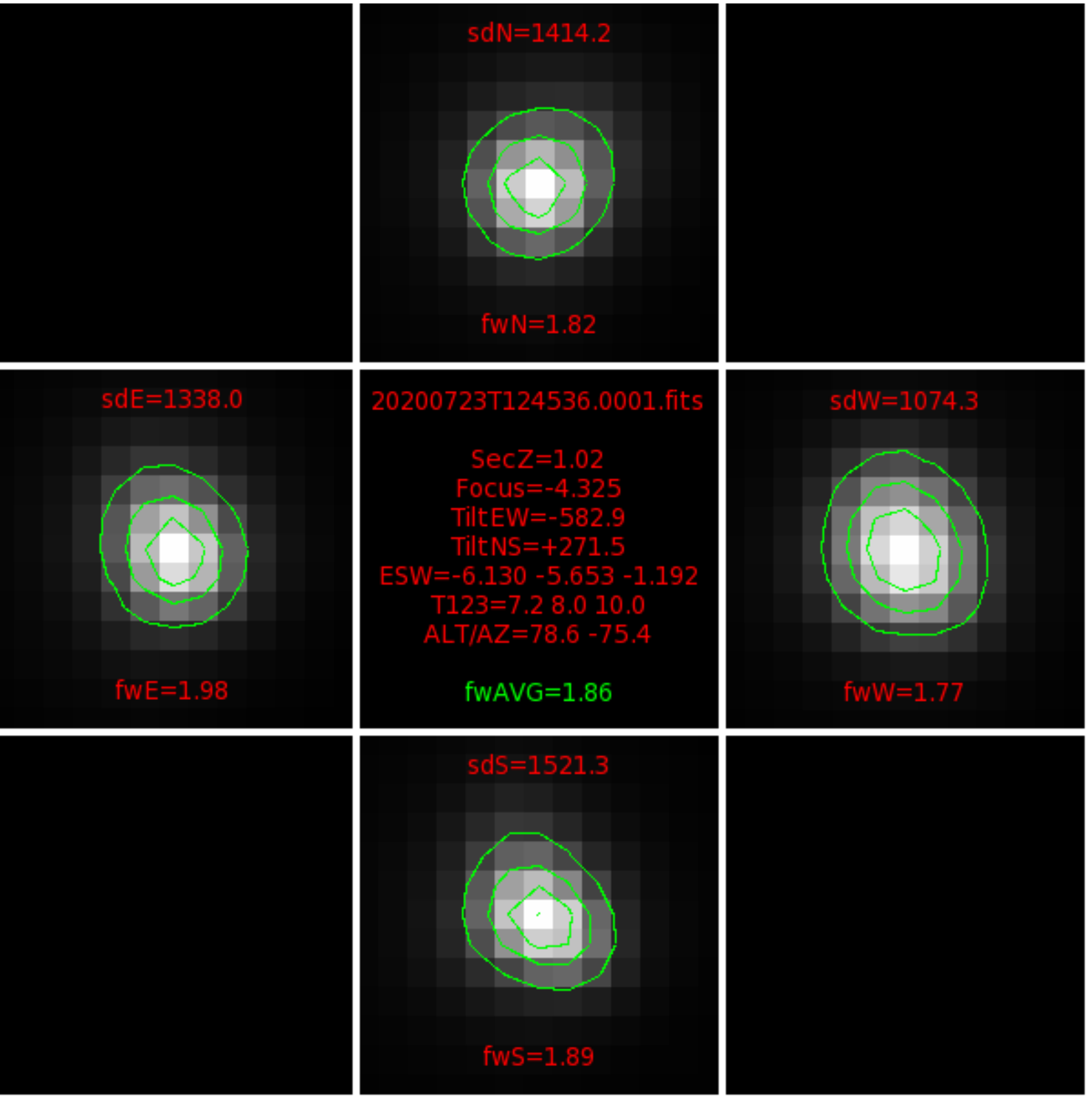
sdN=1414.2
fwN=1.82
sdE=1338.0
fwE=1.98
20200723T124536.0001.fits
SecZ=1.02
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=7.2 8.0 10.0
ALT/AZ=78.6 -75.4
fwAVG=1.86
sdW=1074.3
fwW=1.77
sdS=1521.3
fwS=1.89
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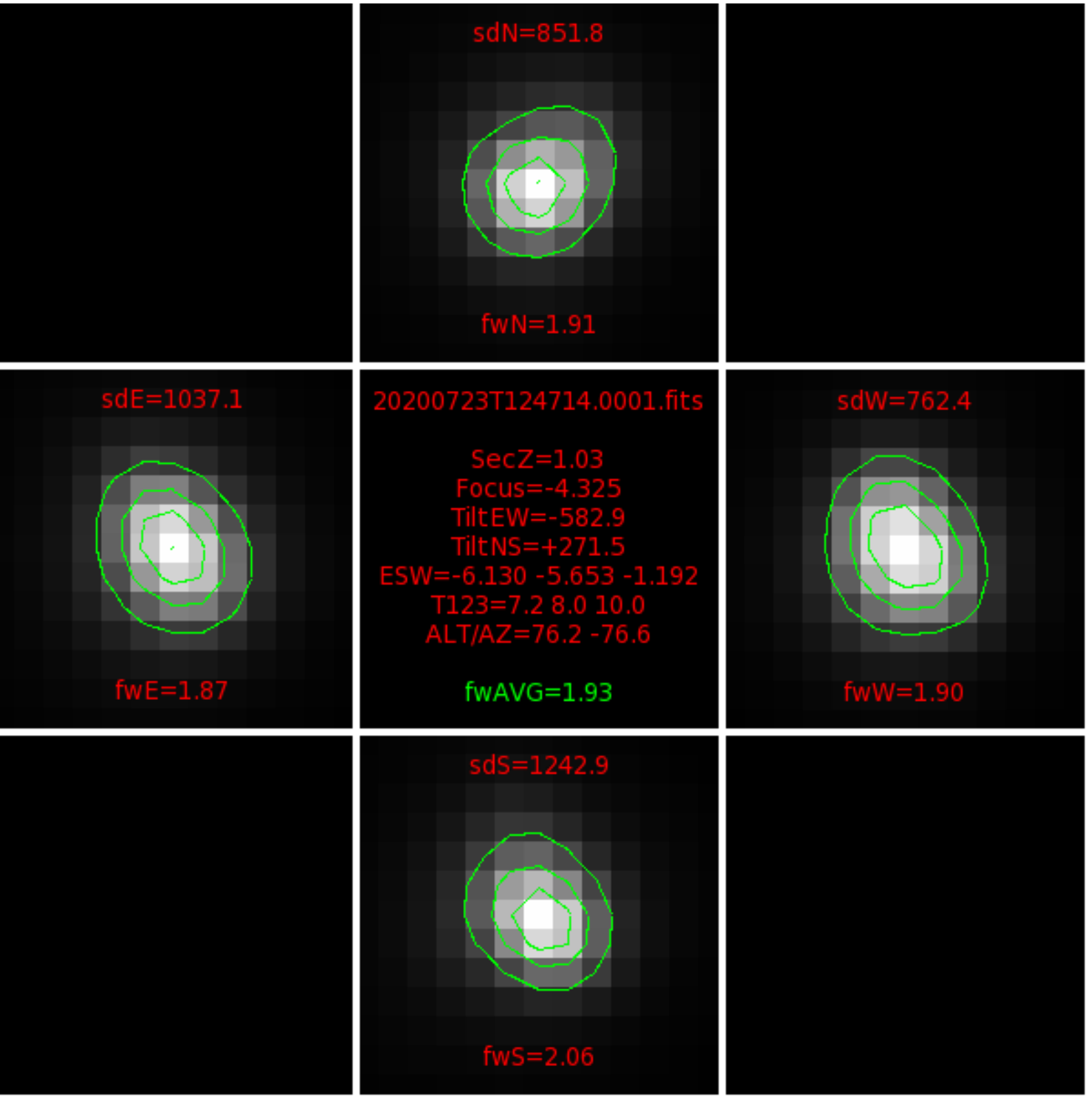
sdN=851.8
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sdE=1037.1
fwE=1.87
20200723T124714.0001.fits
SecZ=1.03
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=7.2 8.0 10.0
ALT/AZ=76.2 -76.6
fwAVG=1.93
sdW=762.4
fwW=1.90
sdS=1242.9
fwS=2.06
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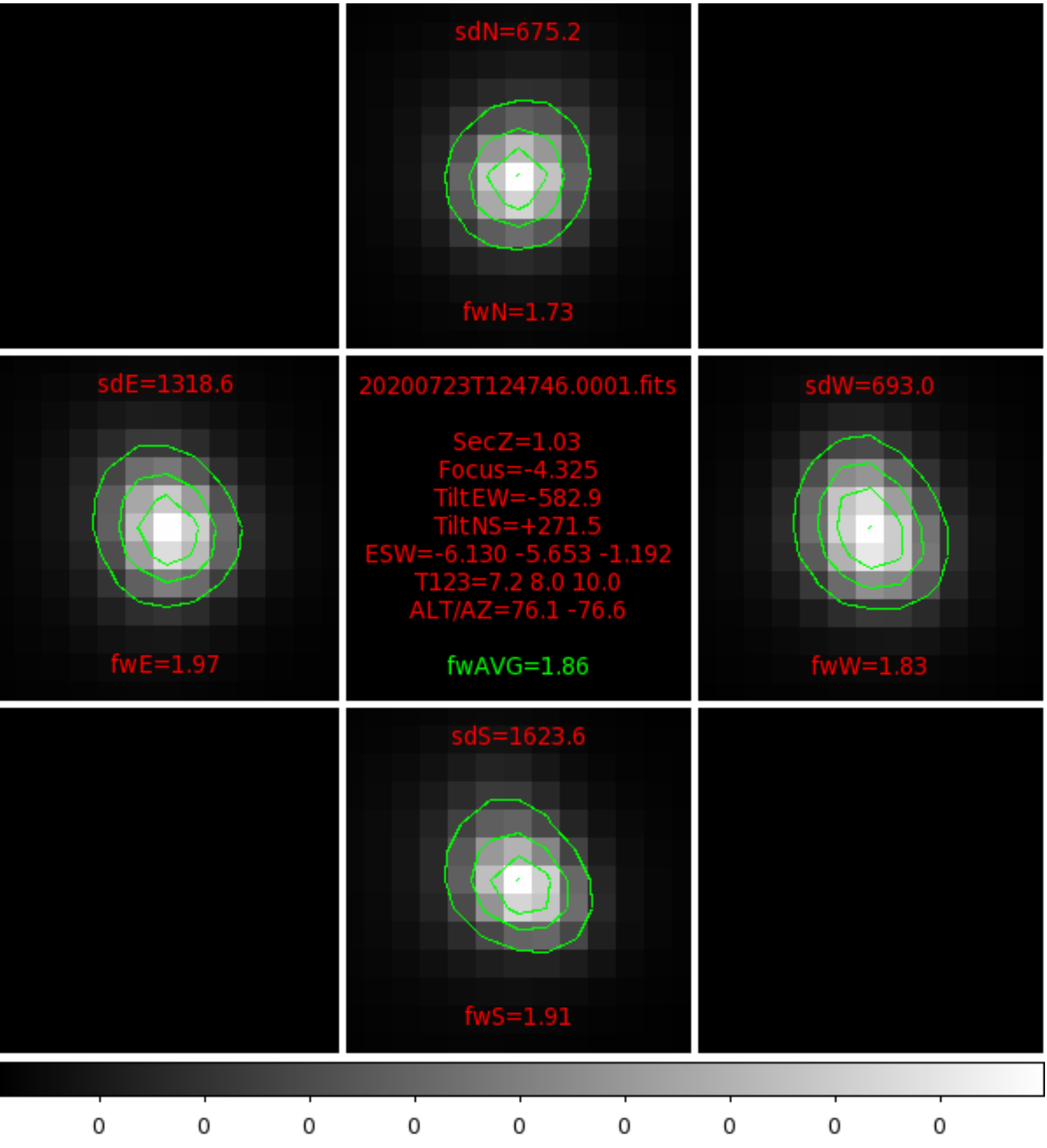
sdN=675.2
fwN=1.73
sdE=1318.6
fwE=1.97
20200723T124746.0001.fits
SecZ=1.03
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=7.2 8.0 10.0
ALT/AZ=76.1 -76.6
fwAVG=1.86
sdW=693.0
fwW=1.83
sdS=1623.6
fwS=1.91
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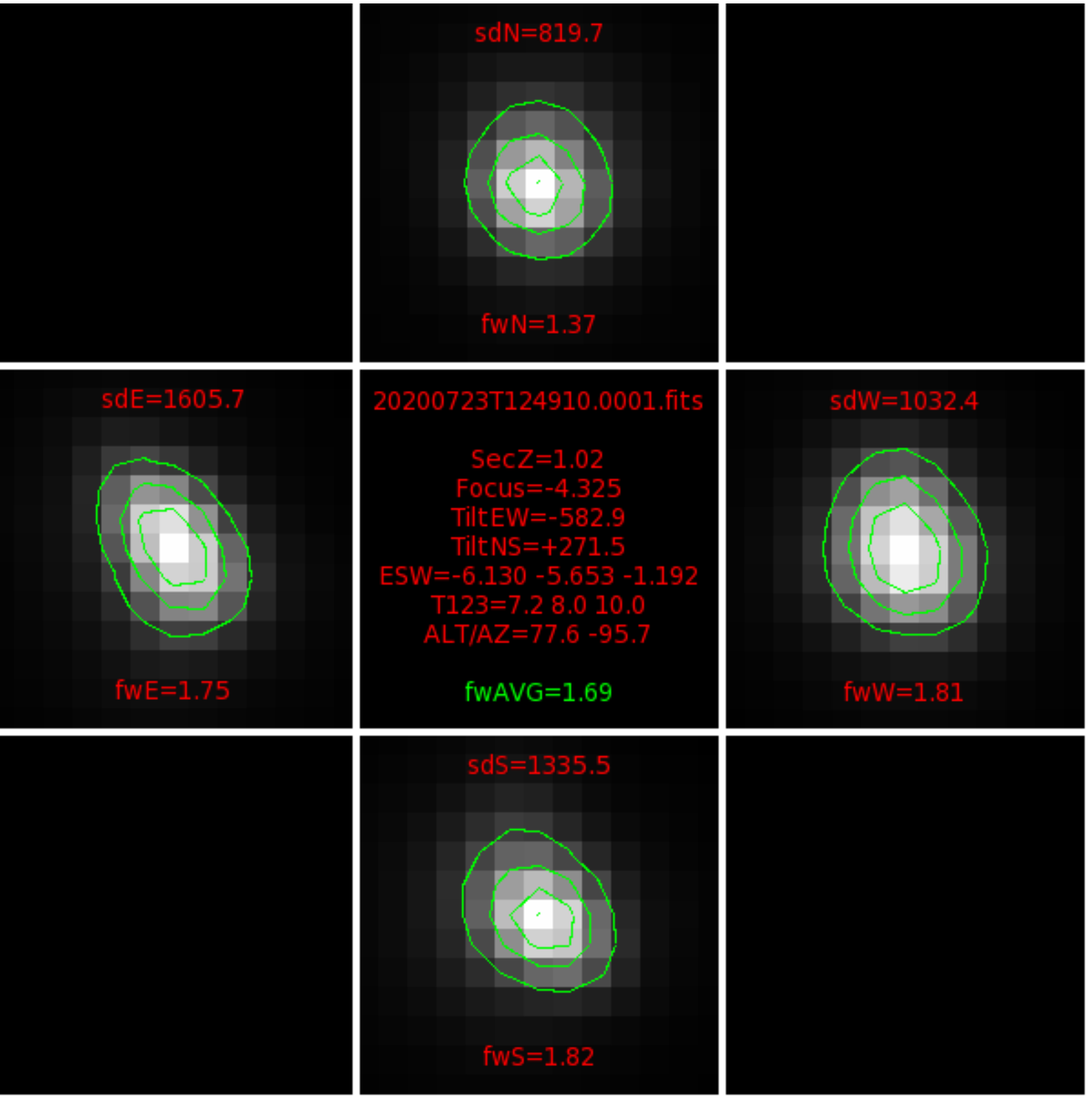
sdN=819.7
fwN=1.37
sdE=1605.7
fwE=1.75
20200723T124910.0001.fits
SecZ=1.02
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=7.2 8.0 10.0
ALT/AZ=77.6 -95.7
fwAVG=1.69
sdW=1032.4
fwW=1.81
sdS=1335.5
fwS=1.82
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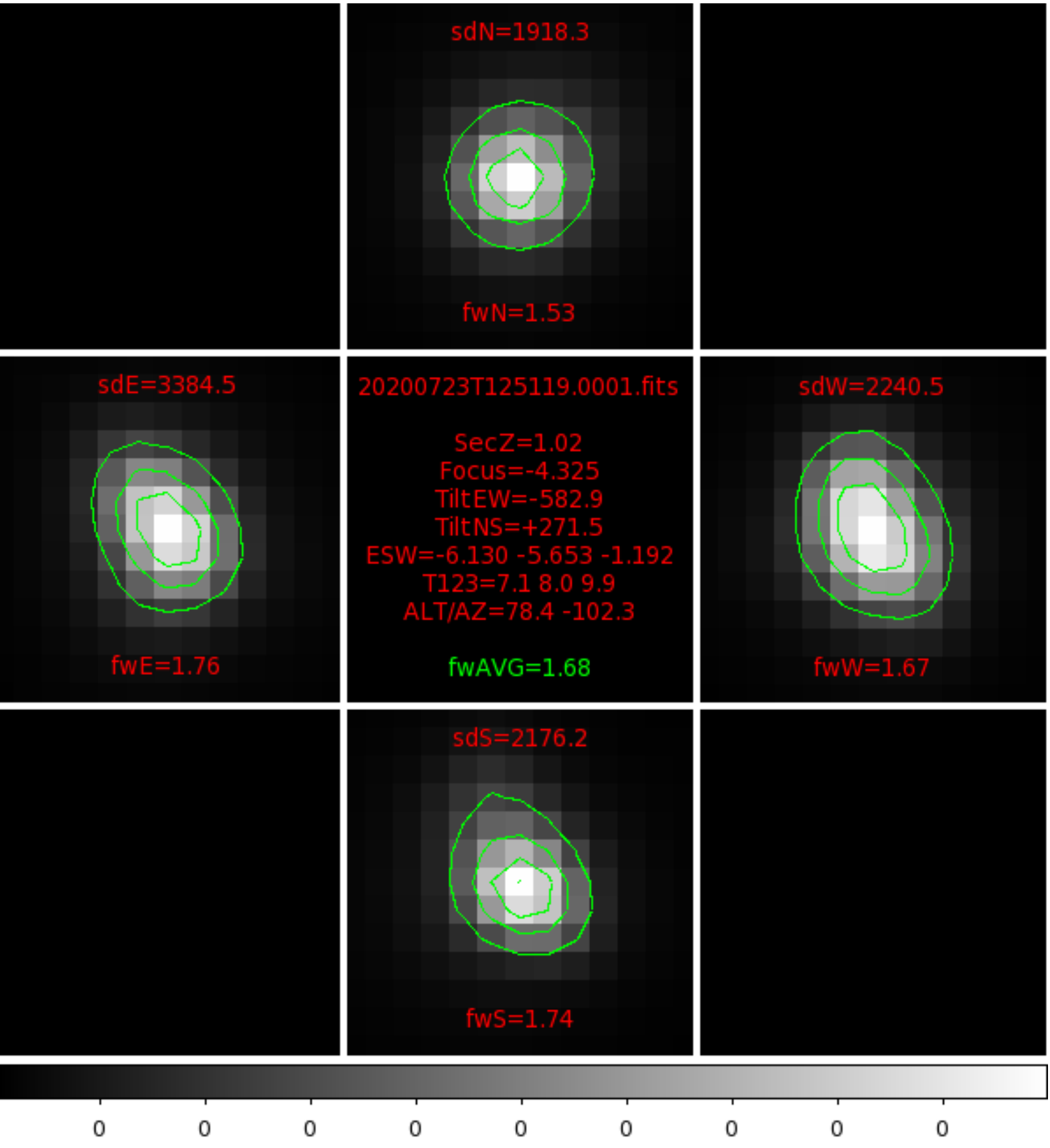
sdN=1918.3
fwN=1.53
sdE=3384.5
fwE=1.76
20200723T125119.0001.fits
SecZ=1.02
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=7.1 8.0 9.9
ALT/AZ=78.4 -102.3
fwAVG=1.68
sdW=2240.5
fwW=1.67
sdS=2176.2
fwS=1.74
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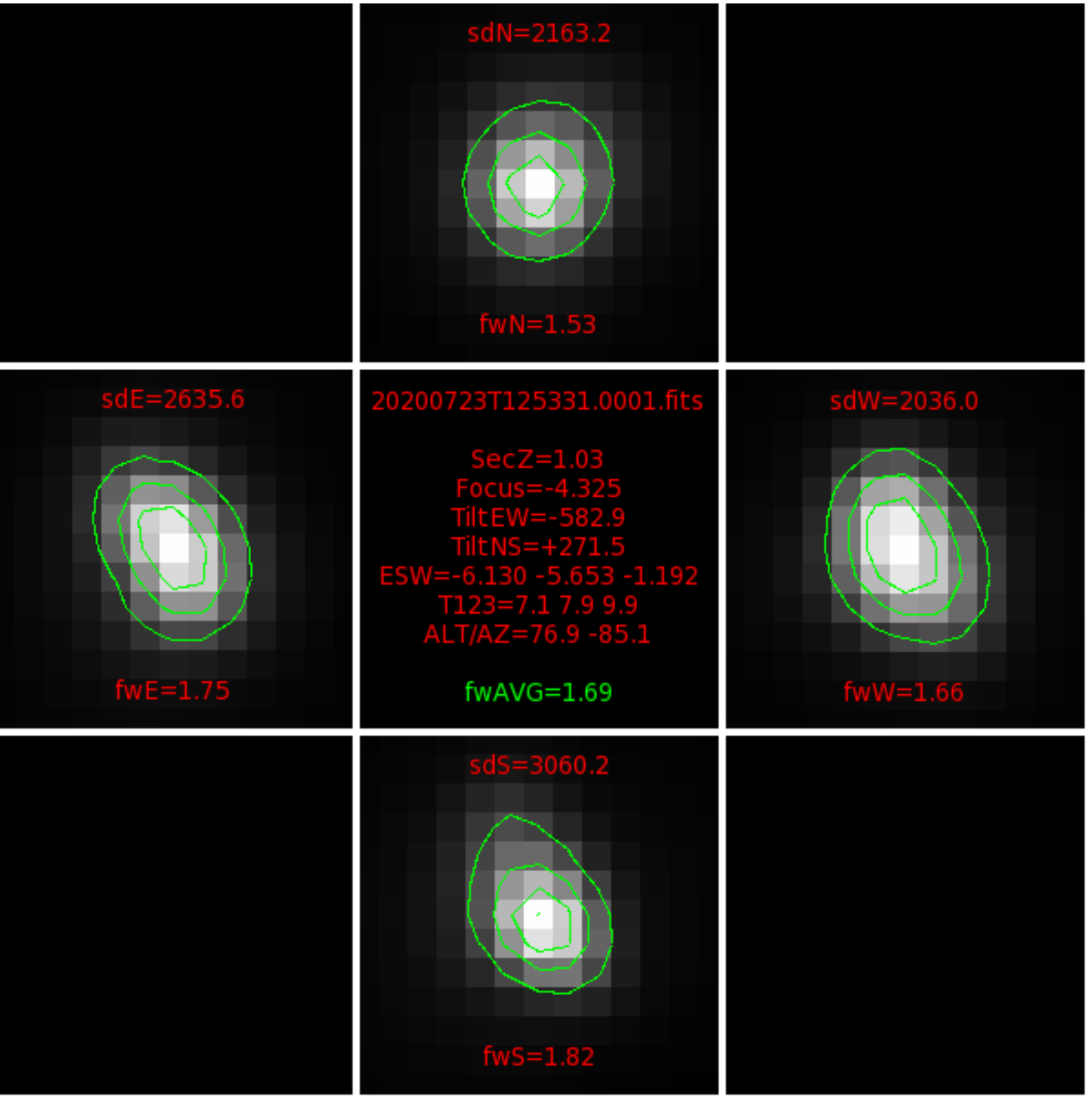
sdN=2163.2
fwN=1.53
sdE=2635.6
fwE=1.75
20200723T125331.0001.fits
SecZ=1.03
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=7.1 7.9 9.9
ALT/AZ=76.9 -85.1
fwAVG=1.69
sdW=2036.0
fwW=1.66
sdS=3060.2
fwS=1.82
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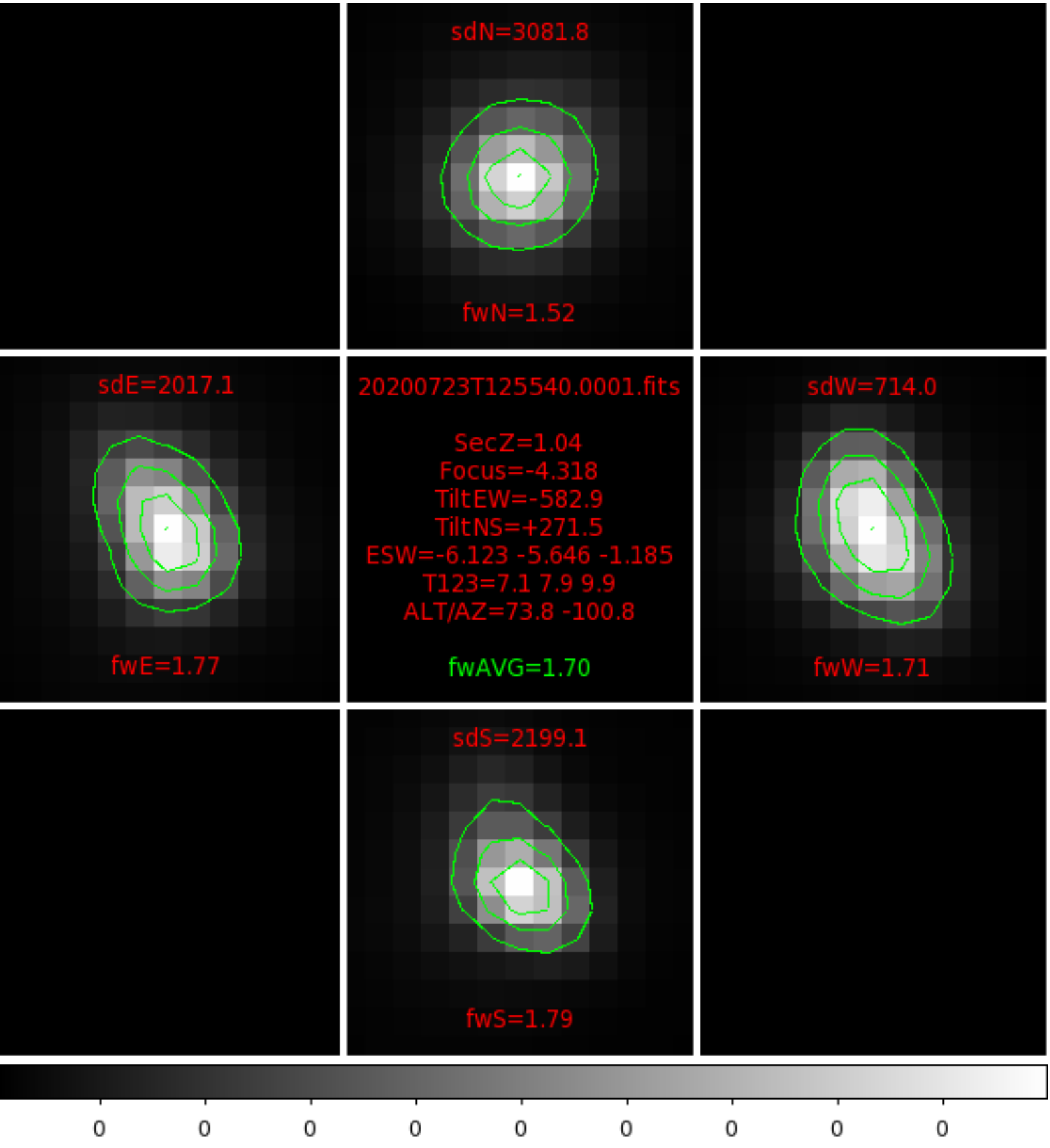
sdN=3081.8
fwN=1.52
sdE=2017.1
fwE=1.77
20200723T125540.0001.fits
SecZ=1.04
Focus=-4.318
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.123 -5.646 -1.185
T123=7.1 7.9 9.9
ALT/AZ=73.8 -100.8
fwAVG=1.70
sdW=714.0
fwW=1.71
sdS=2199.1
fwS=1.79
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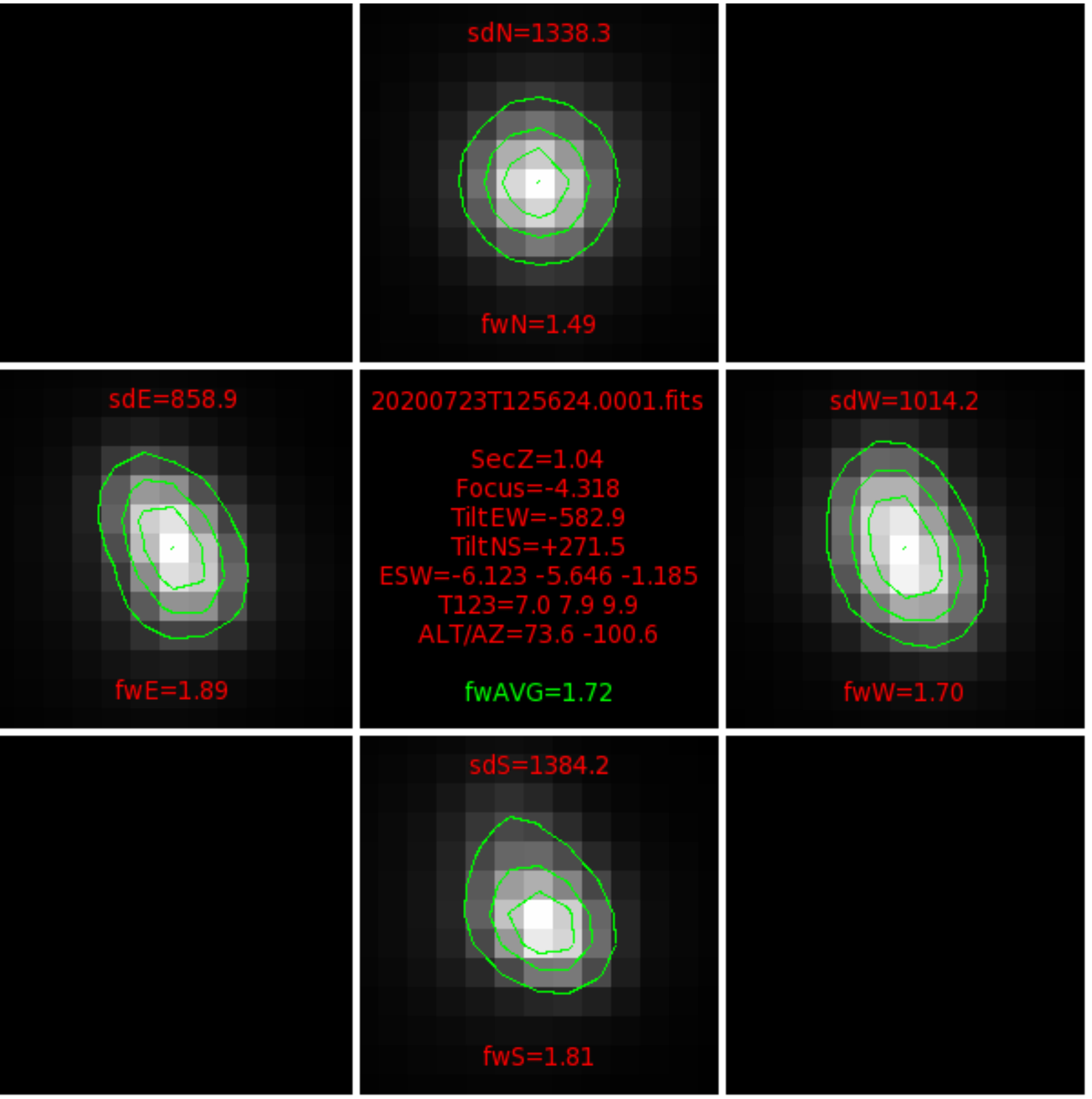
sdN=1338.3
fwN=1.49
sdE=858.9
fwE=1.89
20200723T125624.0001.fits
SecZ=1.04
Focus=-4.318
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.123 -5.646 -1.185
T123=7.0 7.9 9.9
ALT/AZ=73.6 -100.6
fwAVG=1.72
sdW=1014.2
fwW=1.70
sdS=1384.2
fwS=1.81
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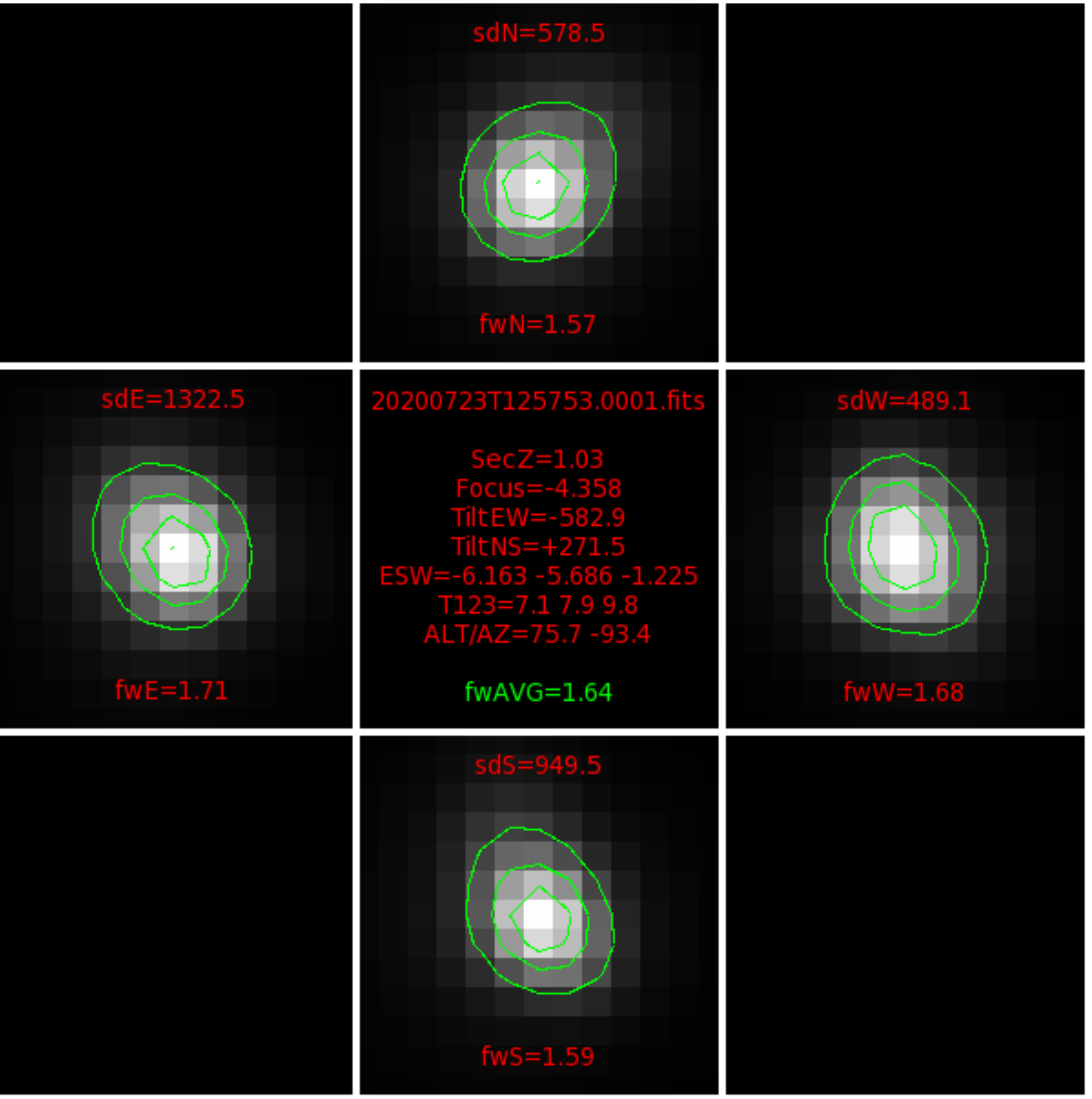
sdN=578.5
fwN=1.57
sdE=1322.5
fwE=1.71
20200723T125753.0001.fits
SecZ=1.03
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=7.1 7.9 9.8
ALT/AZ=75.7 -93.4
fwAVG=1.64
sdW=489.1
fwW=1.68
sdS=949.5
fwS=1.59
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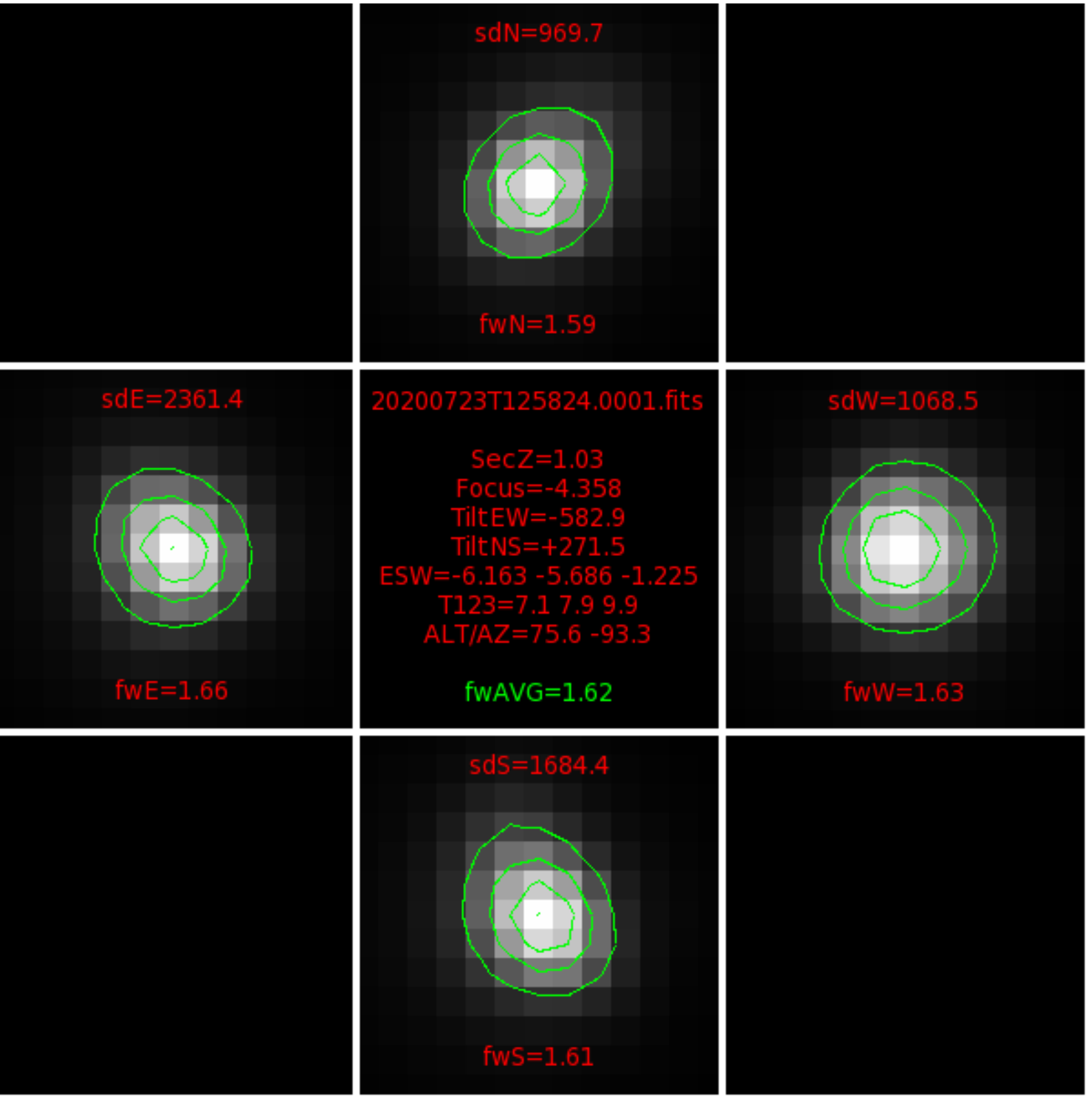
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fwN=1.59
sdE=2361.4
fwE=1.66
20200723T125824.0001.fits
SecZ=1.03
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=7.1 7.9 9.9
ALT/AZ=75.6 -93.3
fwAVG=1.62
sdW=1068.5
fwW=1.63
sdS=1684.4
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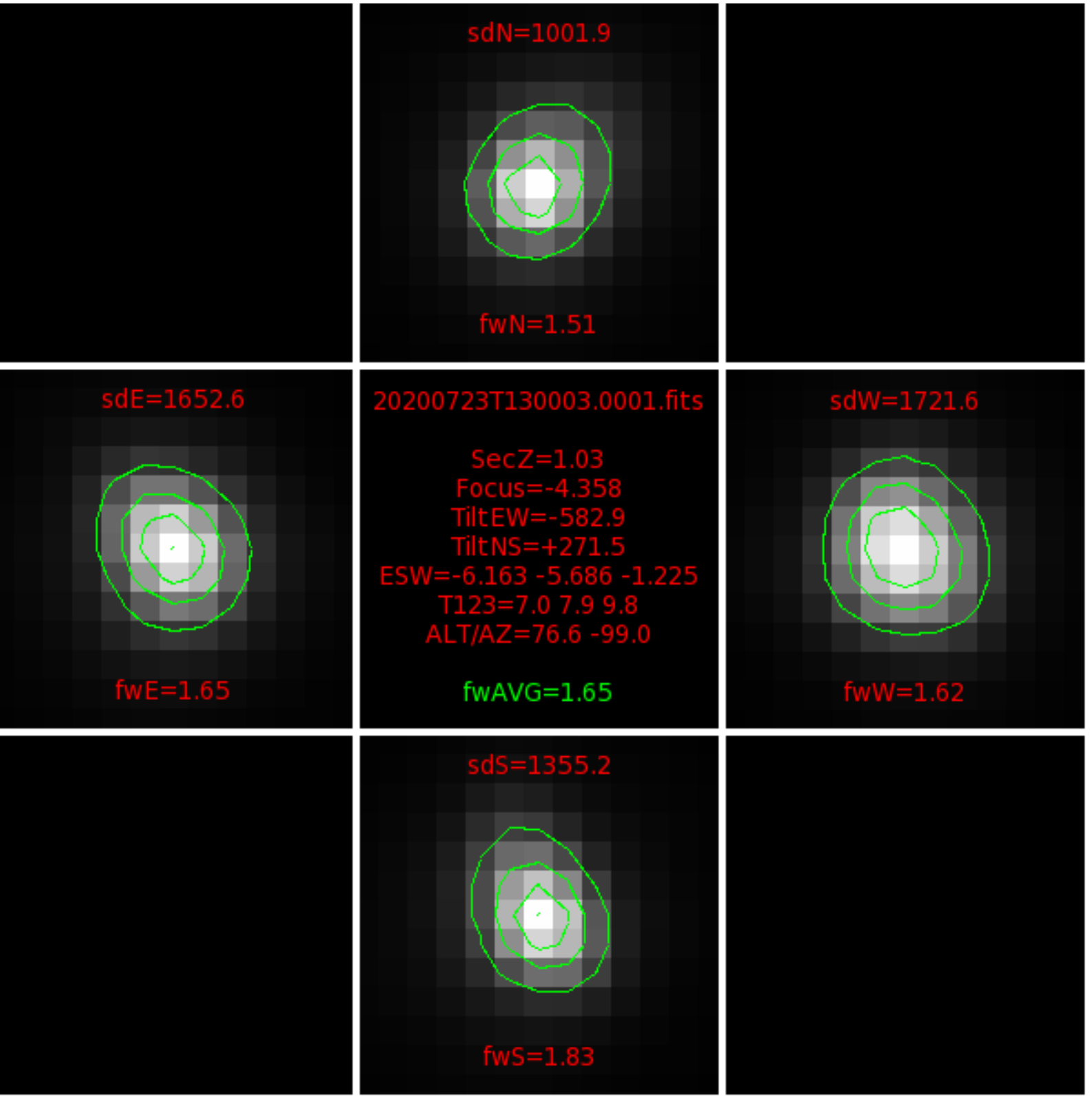
sdN=1001.9
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sdE=1652.6
fwE=1.65
20200723T130003.0001.fits
SecZ=1.03
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=7.0 7.9 9.8
ALT/AZ=76.6 -99.0
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sdW=1721.6
fwW=1.62
sdS=1355.2
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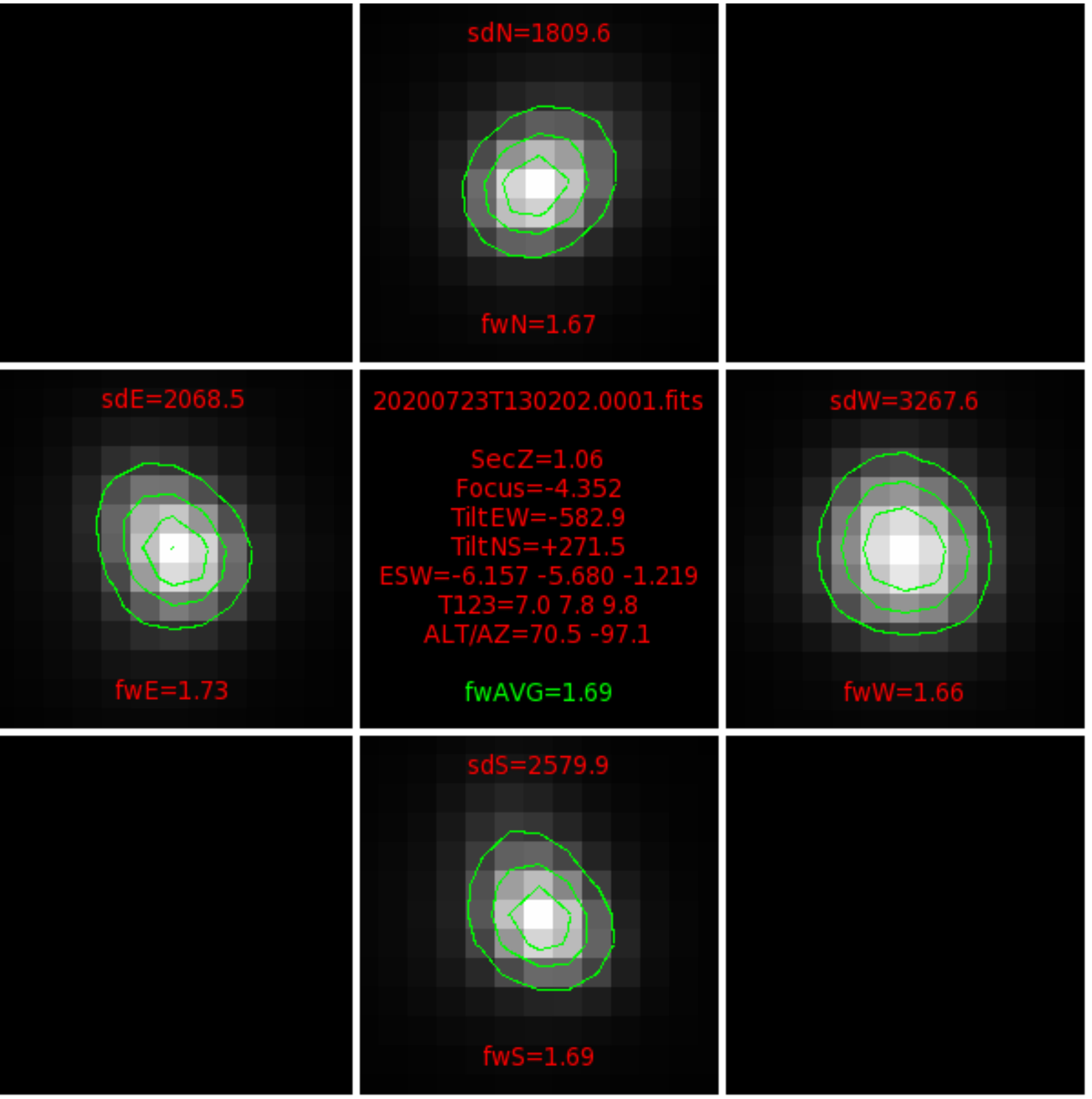
sdN=1809.6
fwN=1.67
sdE=2068.5
fwE=1.73
20200723T130202.0001.fits
SecZ=1.06
Focus=-4.352
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.157 -5.680 -1.219
T123=7.0 7.8 9.8
ALT/AZ=70.5 -97.1
fwAVG=1.69
sdW=3267.6
fwW=1.66
sdS=2579.9
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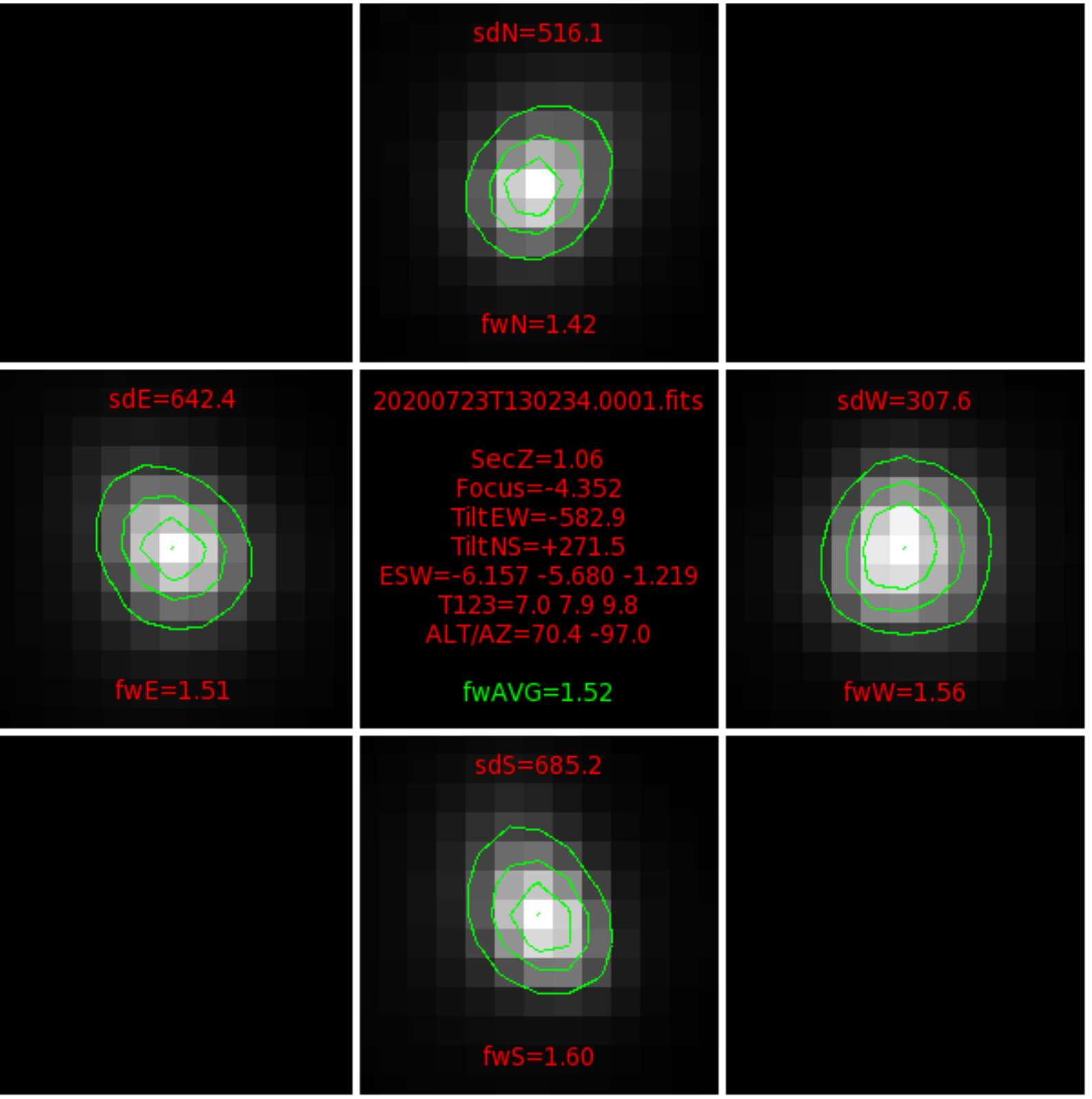
sdN=516.1
fwN=1.42
sdE=642.4
fwE=1.51
20200723T130234.0001.fits
SecZ=1.06
Focus=-4.352
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.157 -5.680 -1.219
T123=7.0 7.9 9.8
ALT/AZ=70.4 -97.0
fwAVG=1.52
sdW=307.6
fwW=1.56
sdS=685.2
fwS=1.60
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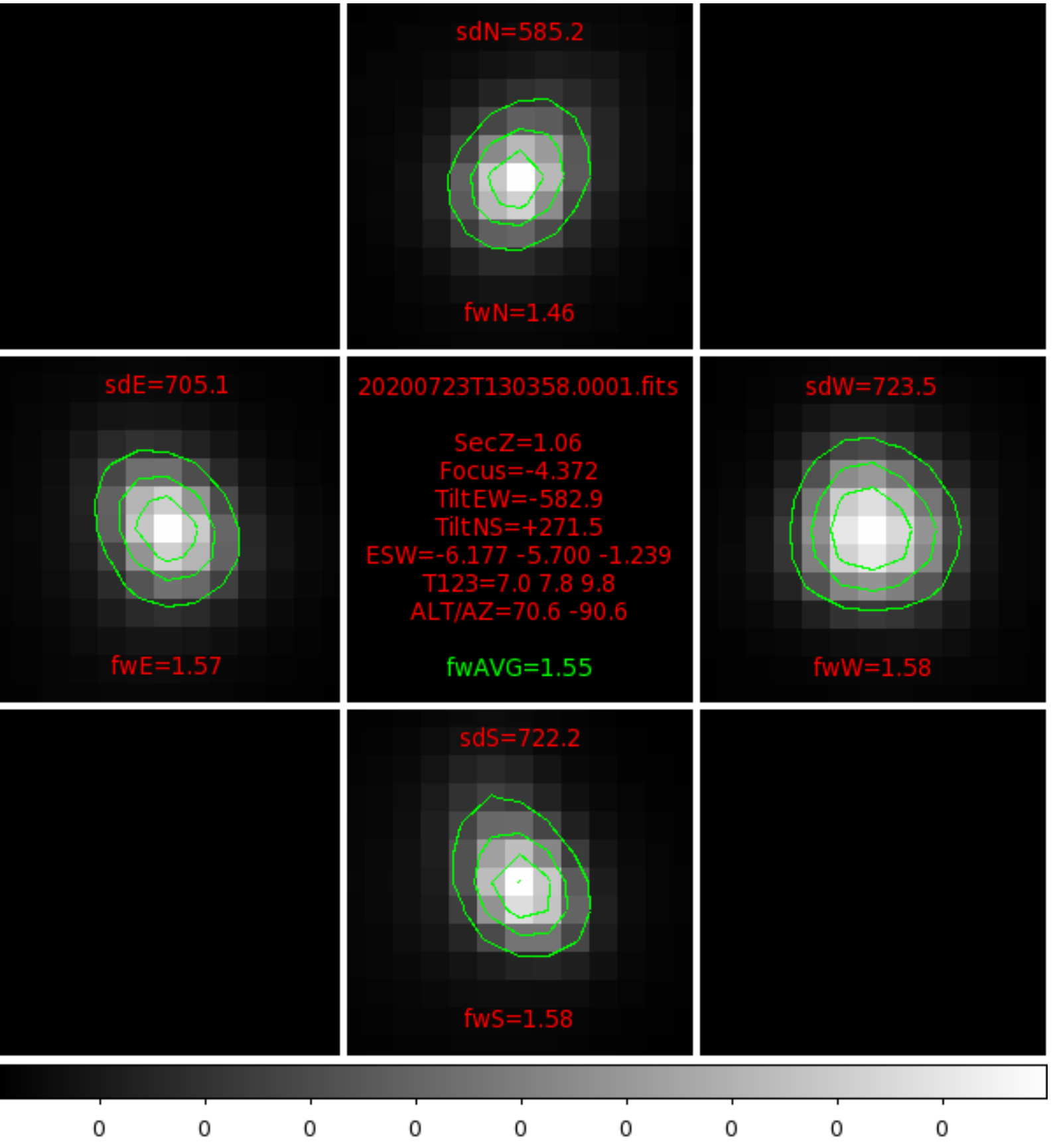
sdN=585.2
fwN=1.46
sdE=705.1
fwE=1.57
20200723T130358.0001.fits
SecZ=1.06
Focus=-4.372
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.177 -5.700 -1.239
T123=7.0 7.8 9.8
ALT/AZ=70.6 -90.6
fwAVG=1.55
sdW=723.5
fwW=1.58
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fwS=1.58
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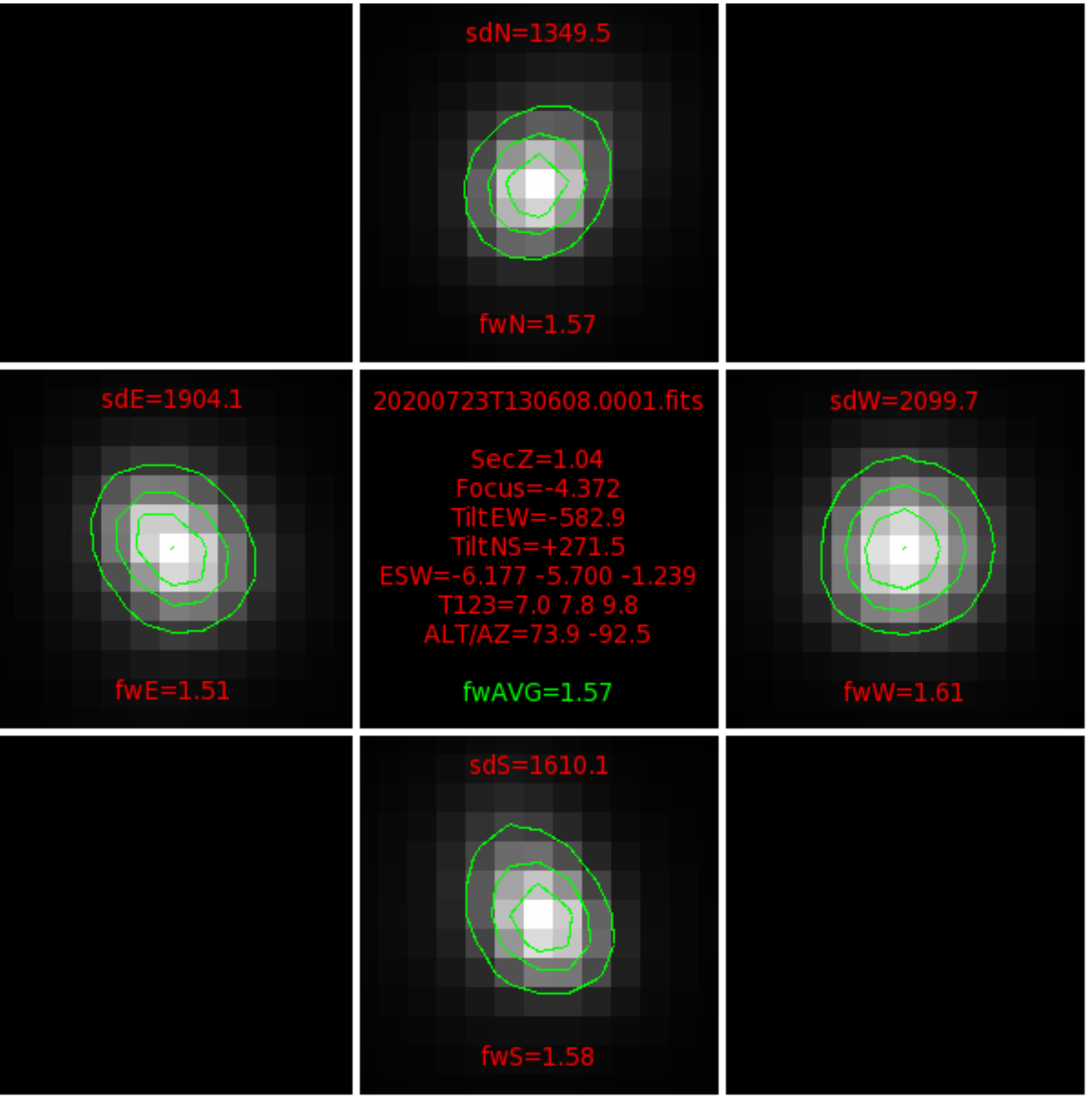
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fwN=1.57
sdE=1904.1
fwE=1.51
20200723T130608.0001.fits
SecZ=1.04
Focus=-4.372
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.177 -5.700 -1.239
T123=7.0 7.8 9.8
ALT/AZ=73.9 -92.5
fwAVG=1.57
sdW=2099.7
fwW=1.61
sdS=1610.1
fwS=1.58
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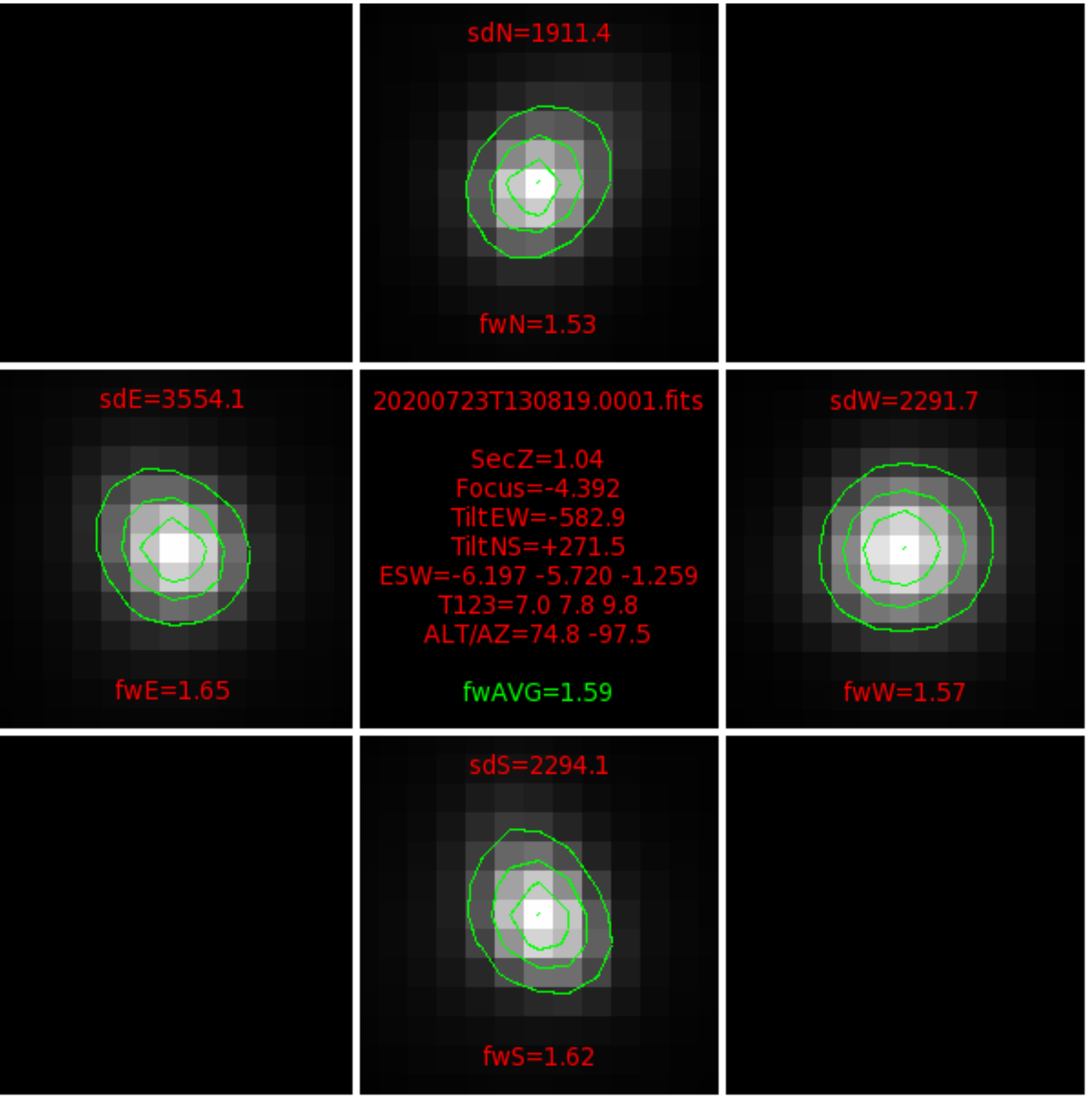
sdN=1911.4
fwN=1.53
sdE=3554.1
fwE=1.65
20200723T130819.0001.fits
SecZ=1.04
Focus=-4.392
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.197 -5.720 -1.259
T123=7.0 7.8 9.8
ALT/AZ=74.8 -97.5
fwAVG=1.59
sdW=2291.7
fwW=1.57
sdS=2294.1
fwS=1.62
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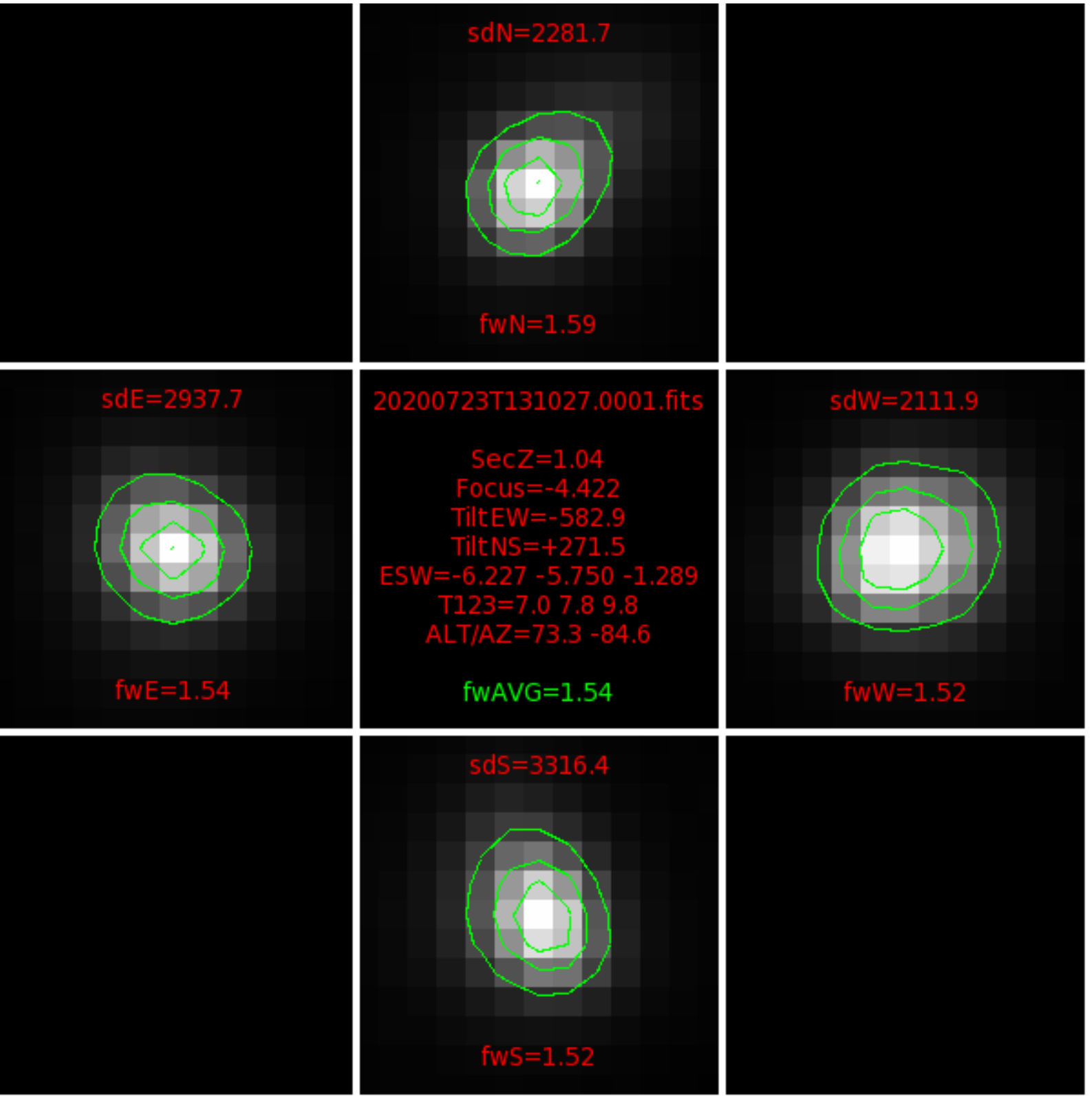
sdN=2281.7
fwN=1.59
sdE=2937.7
fwE=1.54
20200723T131027.0001.fits
SecZ=1.04
Focus=-4.422
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.227 -5.750 -1.289
T123=7.0 7.8 9.8
ALT/AZ=73.3 -84.6
fwAVG=1.54
sdW=2111.9
fwW=1.52
sdS=3316.4
fwS=1.52
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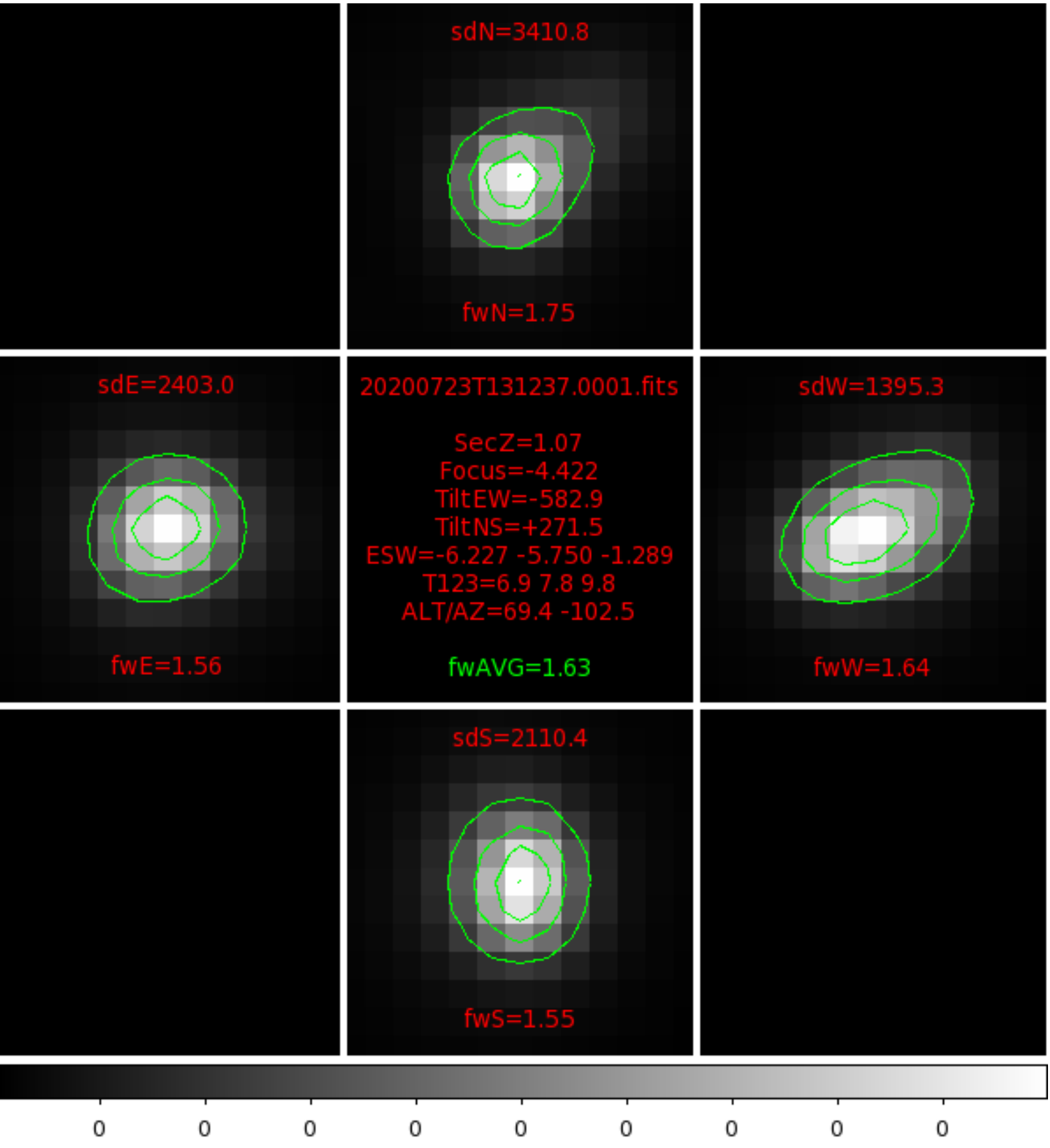
sdN=3410.8
fwN=1.75
sdE=2403.0
fwE=1.56
20200723T131237.0001.fits
SecZ=1.07
Focus=-4.422
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.227 -5.750 -1.289
T123=6.9 7.8 9.8
ALT/AZ=69.4 -102.5
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sdW=1395.3
fwW=1.64
sdS=2110.4
fwS=1.55
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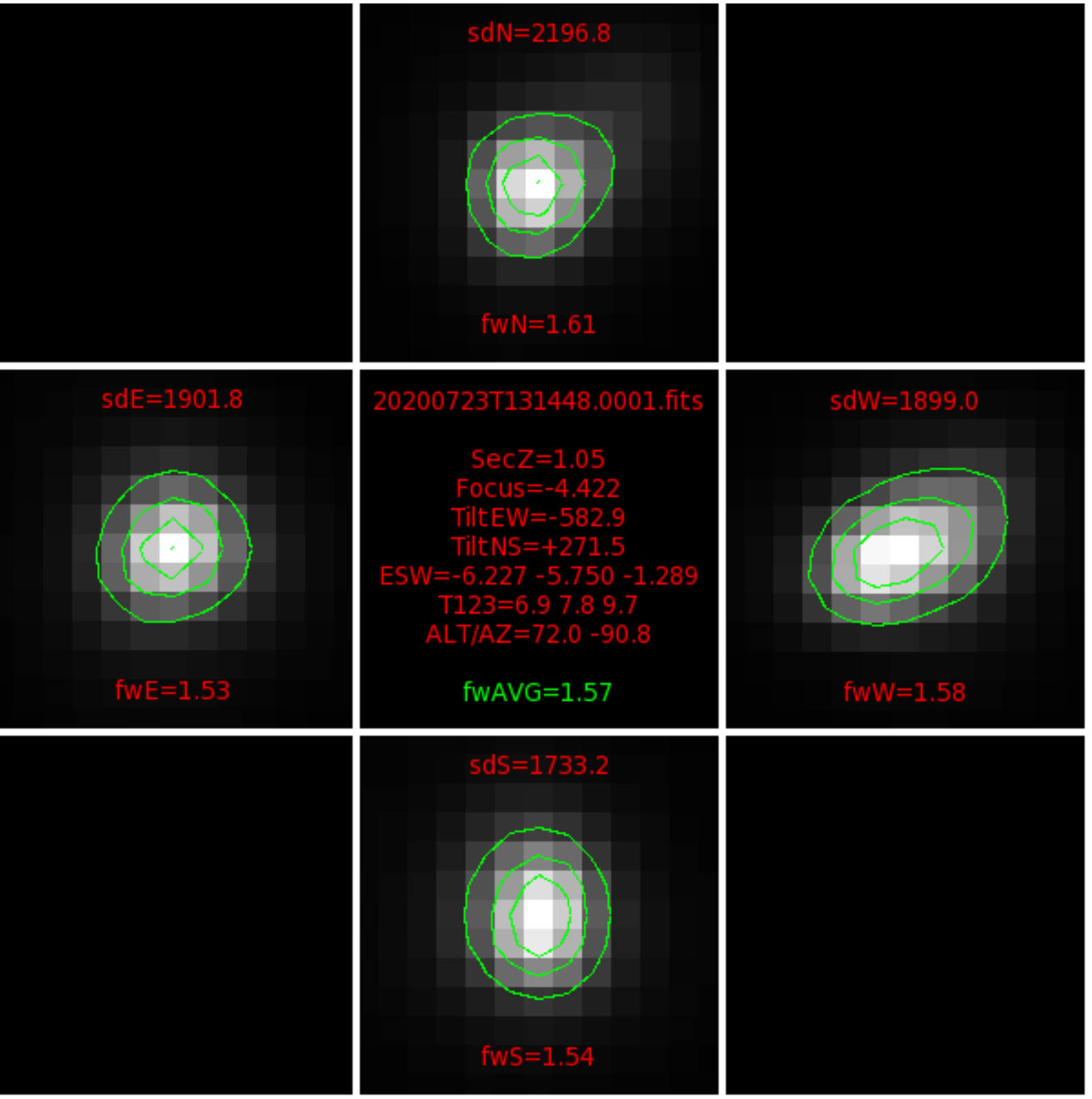
sdN=2196.8
fwN=1.61
sdE=1901.8
fwE=1.53
20200723T131448.0001.fits
SecZ=1.05
Focus=-4.422
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.227 -5.750 -1.289
T123=6.9 7.8 9.7
ALT/AZ=72.0 -90.8
fwAVG=1.57
sdW=1899.0
fwW=1.58
sdS=1733.2
fwS=1.54
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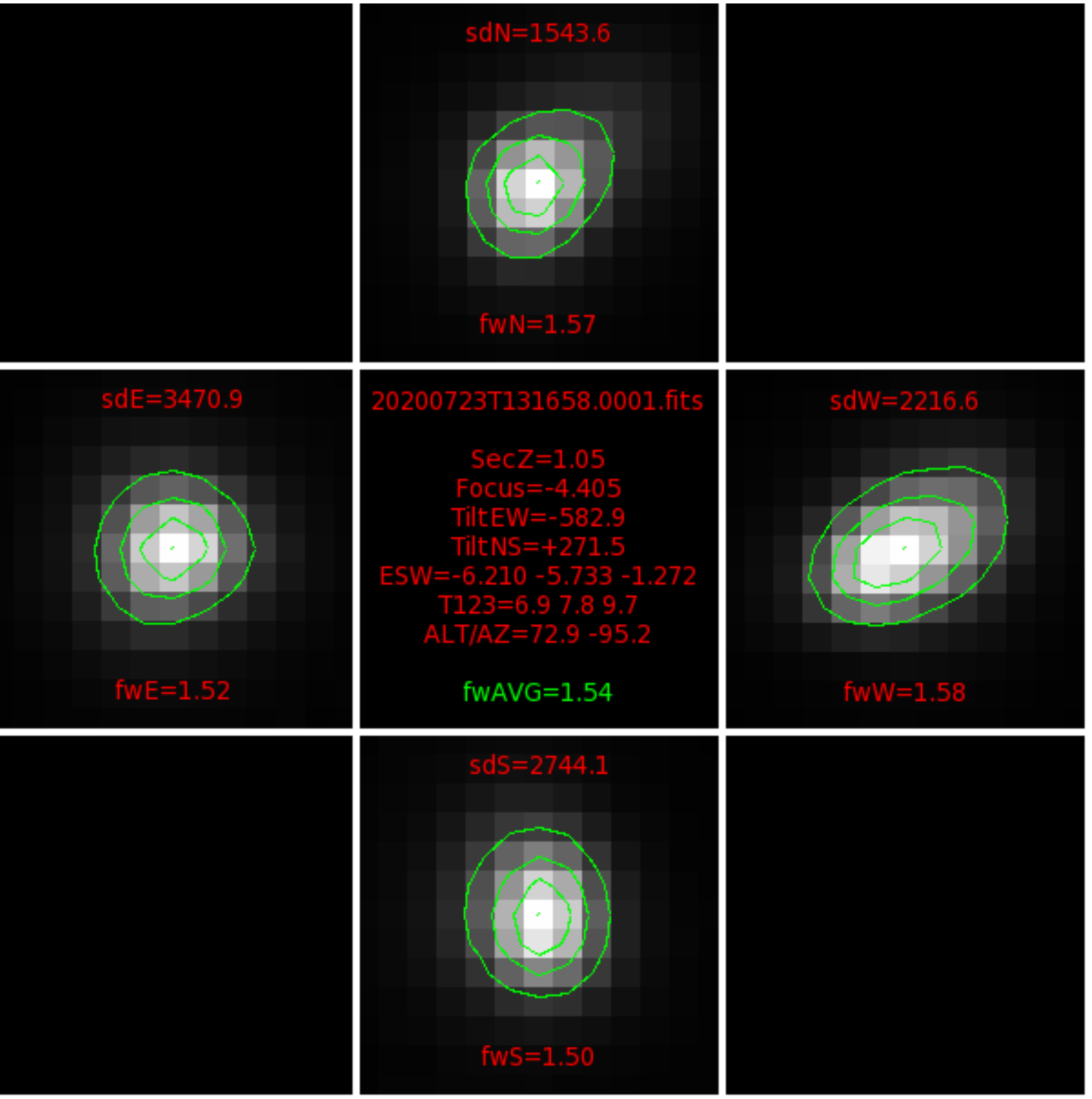
sdN=1543.6
fwN=1.57
sdE=3470.9
fwE=1.52
20200723T131658.0001.fits
SecZ=1.05
Focus=-4.405
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.210 -5.733 -1.272
T123=6.9 7.8 9.7
ALT/AZ=72.9 -95.2
fwAVG=1.54
sdW=2216.6
fwW=1.58
sdS=2744.1
fwS=1.50
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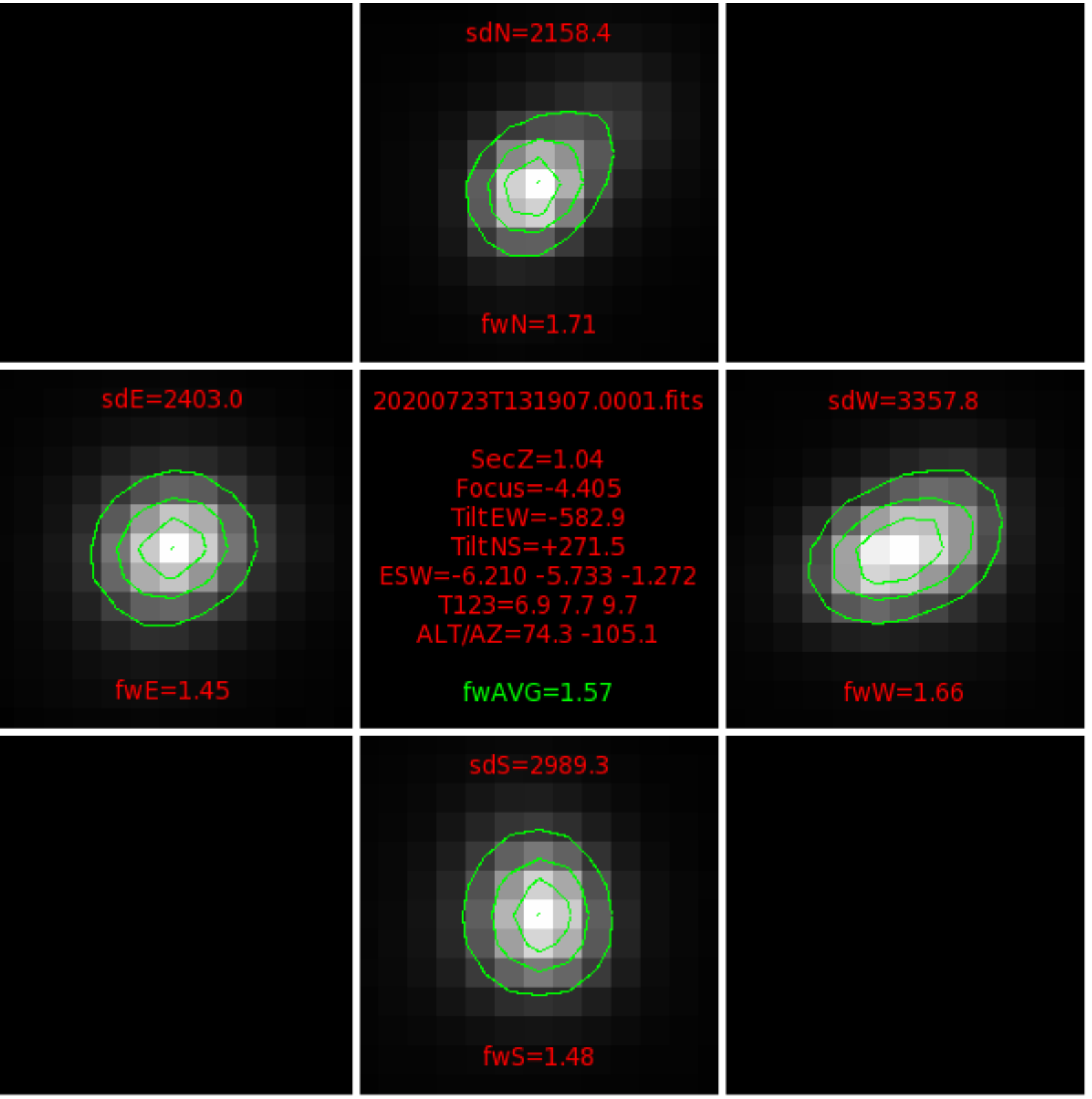
sdN=2158.4
fwN=1.71
sdE=2403.0
fwE=1.45
20200723T131907.0001.fits
SecZ=1.04
Focus=-4.405
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.210 -5.733 -1.272
T123=6.9 7.7 9.7
ALT/AZ=74.3 -105.1
fwAVG=1.57
sdW=3357.8
fwW=1.66
sdS=2989.3
fwS=1.48
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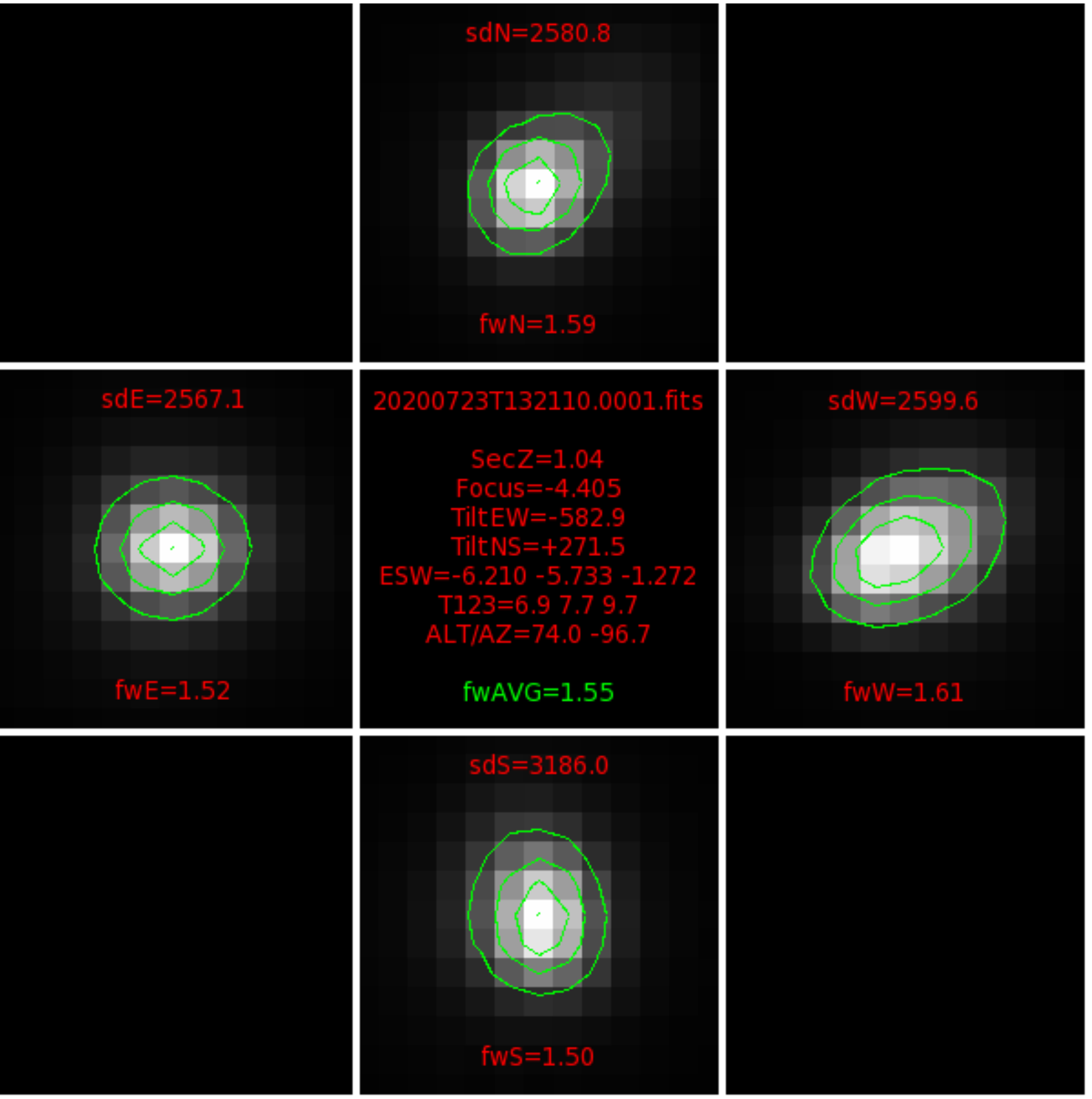
sdN=2580.8
fwN=1.59
sdE=2567.1
fwE=1.52
20200723T132110.0001.fits
SecZ=1.04
Focus=-4.405
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.210 -5.733 -1.272
T123=6.9 7.7 9.7
ALT/AZ=74.0 -96.7
fwAVG=1.55
sdW=2599.6
fwW=1.61
sdS=3186.0
fwS=1.50
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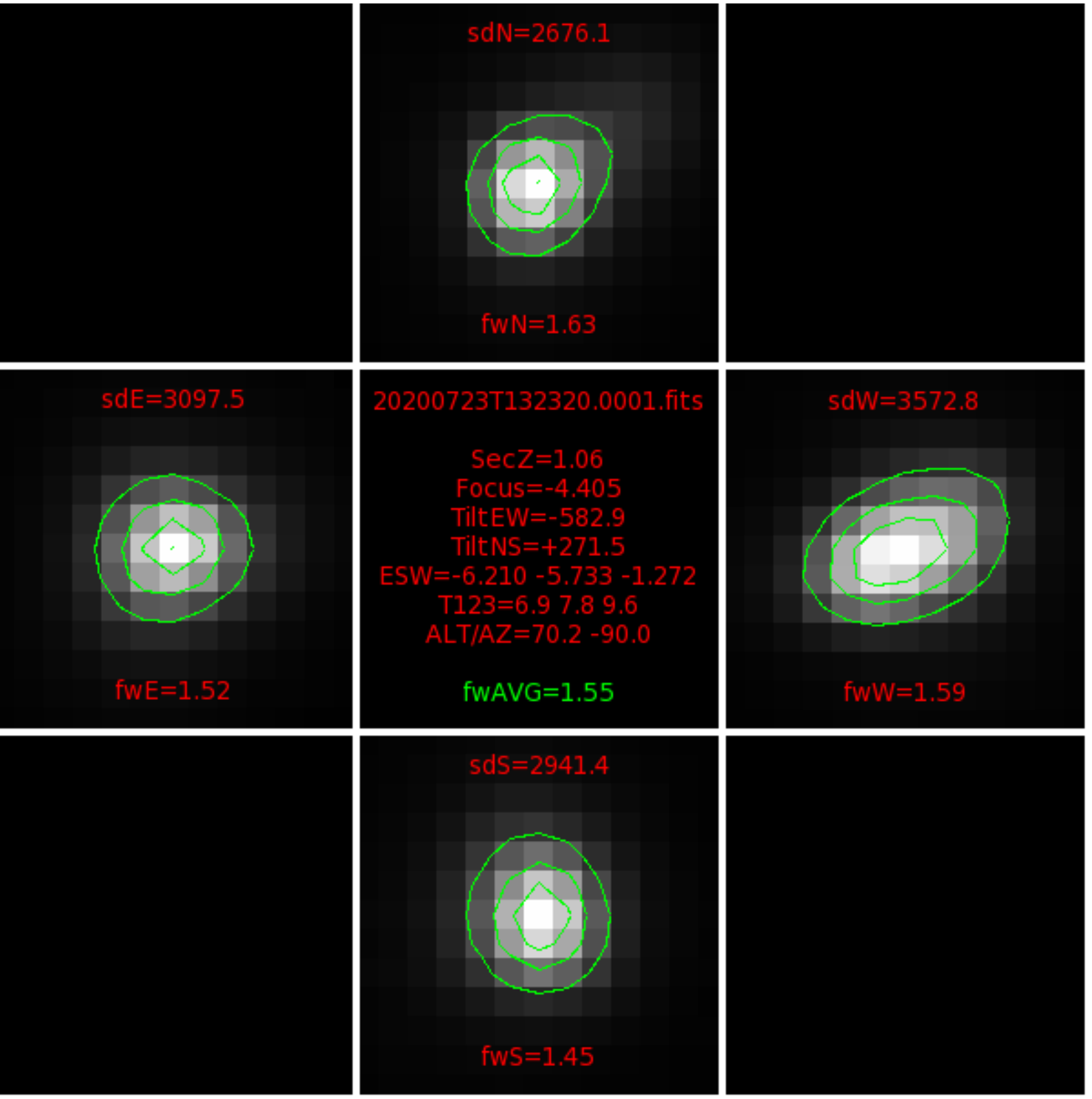
sdN=2676.1
fwN=1.63
sdE=3097.5
fwE=1.52
20200723T132320.0001.fits
SecZ=1.06
Focus=-4.405
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.210 -5.733 -1.272
T123=6.9 7.8 9.6
ALT/AZ=70.2 -90.0
fwAVG=1.55
sdW=3572.8
fwW=1.59
sdS=2941.4
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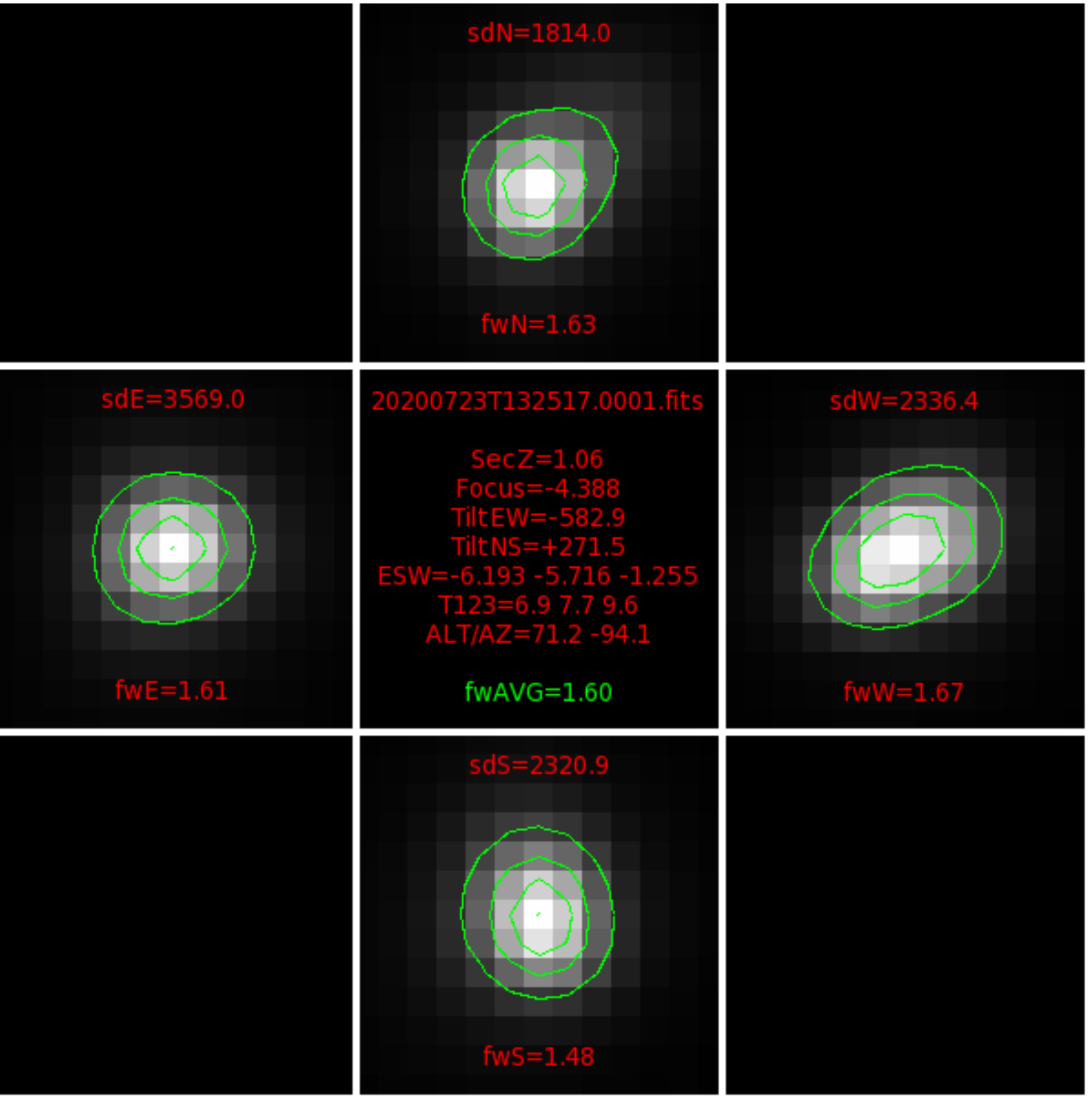
sdN=1814.0
fwN=1.63
sdE=3569.0
fwE=1.61
20200723T132517.0001.fits
SecZ=1.06
Focus=-4.388
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.193 -5.716 -1.255
T123=6.9 7.7 9.6
ALT/AZ=71.2 -94.1
fwAVG=1.60
sdW=2336.4
fwW=1.67
sdS=2320.9
fwS=1.48
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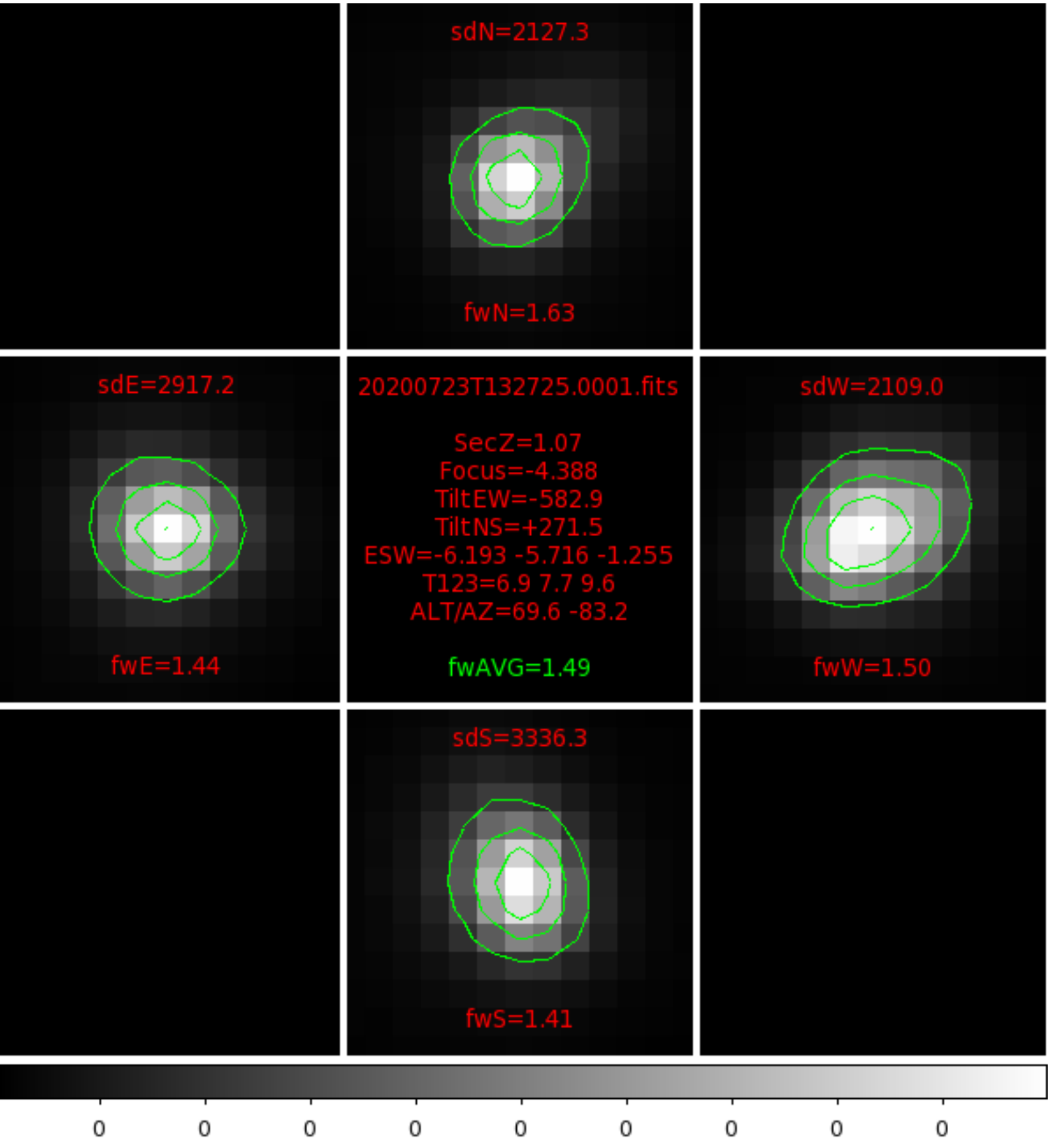
sdN=2127.3
fwN=1.63
sdE=2917.2
fwE=1.44
20200723T132725.0001.fits
SecZ=1.07
Focus=-4.388
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.193 -5.716 -1.255
T123=6.9 7.7 9.6
ALT/AZ=69.6 -83.2
fwAVG=1.49
sdW=2109.0
fwW=1.50
sdS=3336.3
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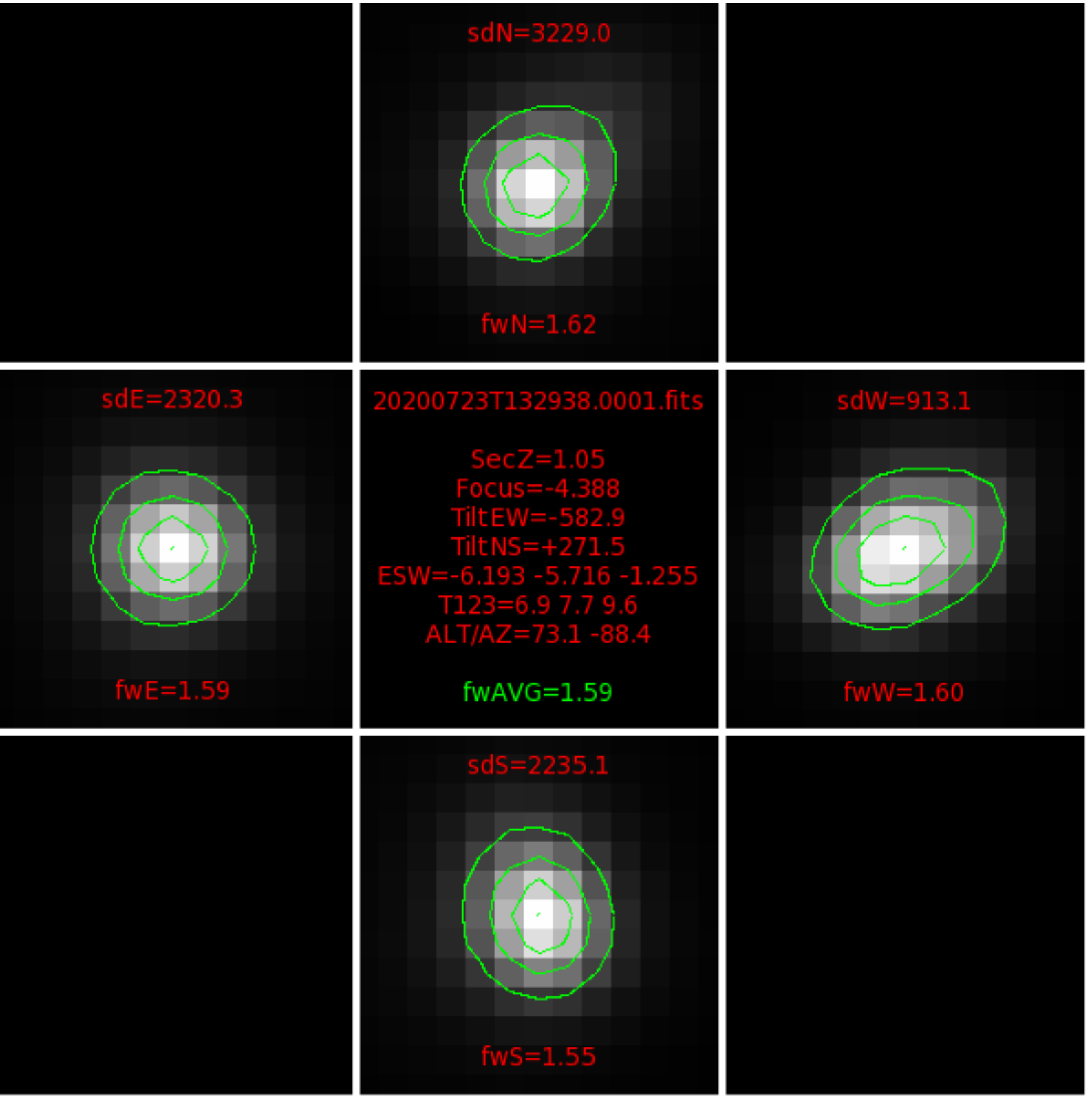
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sdE=2320.3
fwE=1.59
20200723T132938.0001.fits
SecZ=1.05
Focus=-4.388
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.193 -5.716 -1.255
T123=6.9 7.7 9.6
ALT/AZ=73.1 -88.4
fwAVG=1.59
sdW=913.1
fwW=1.60
sdS=2235.1
fwS=1.55
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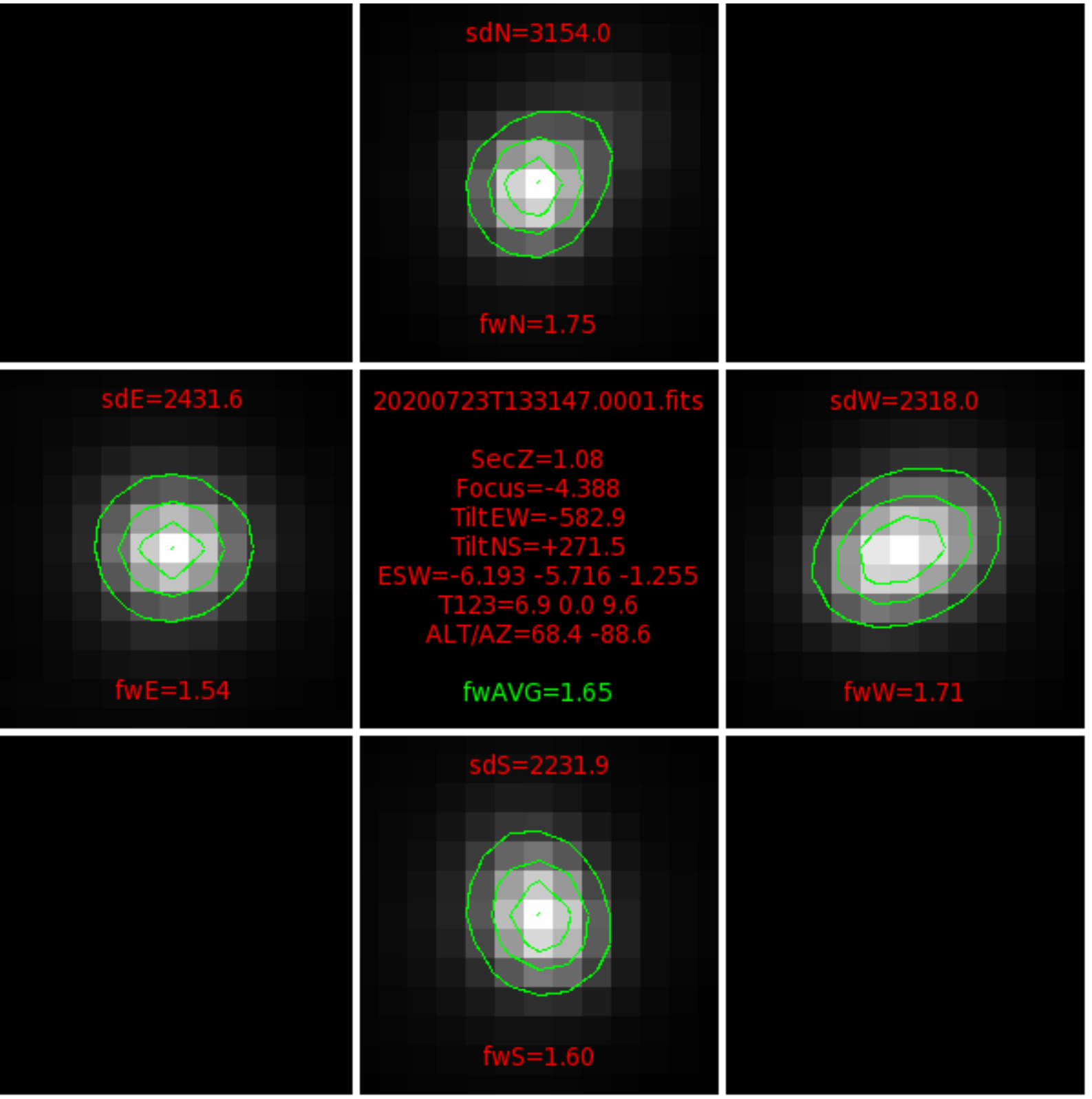
sdN=3154.0
fwN=1.75
sdE=2431.6
fwE=1.54
20200723T133147.0001.fits
SecZ=1.08
Focus=-4.388
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.193 -5.716 -1.255
T123=6.9 0.0 9.6
ALT/AZ=68.4 -88.6
fwAVG=1.65
sdW=2318.0
fwW=1.71
sdS=2231.9
fwS=1.60
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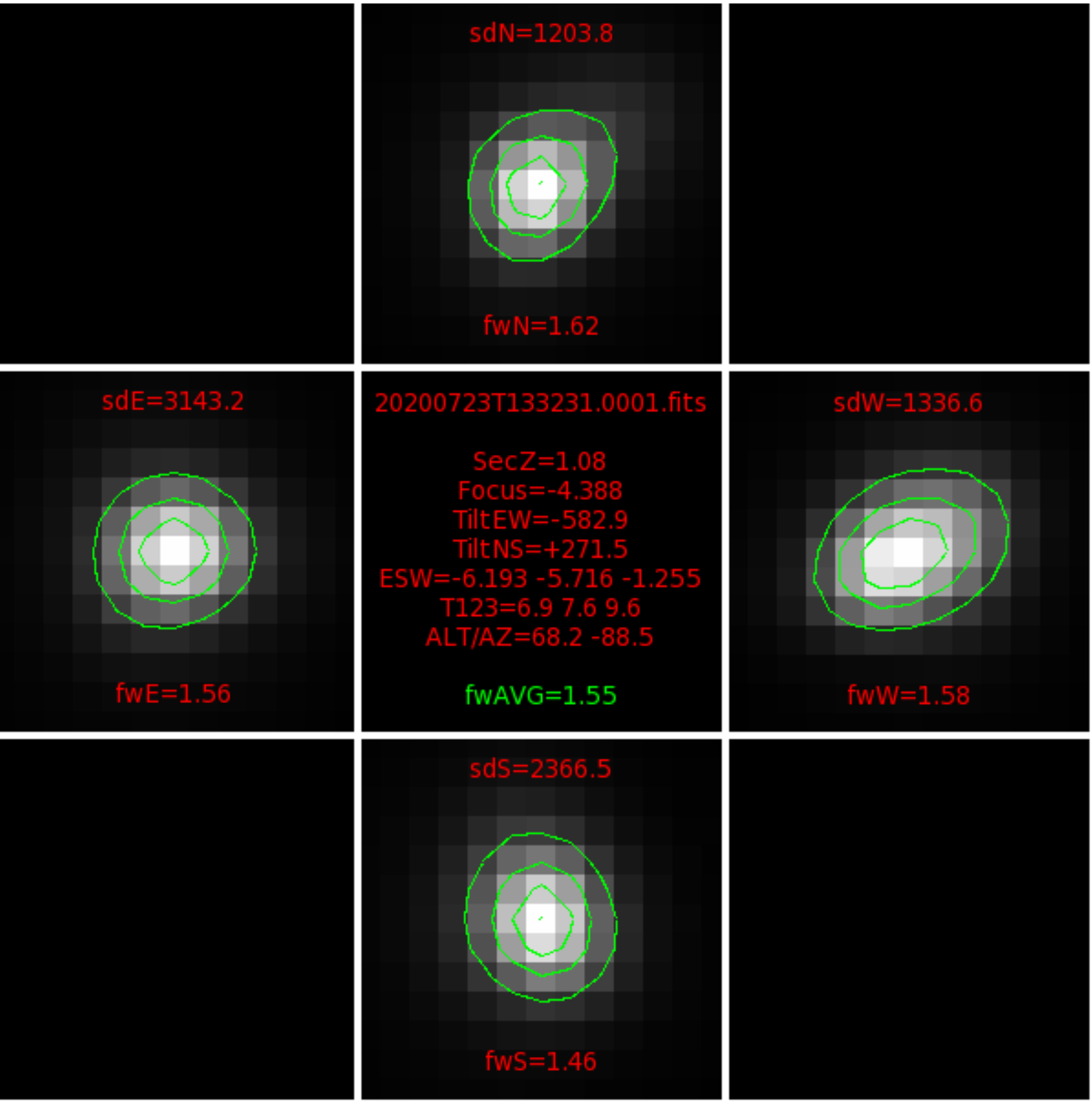
sdN=1203.8
fwN=1.62
sdE=3143.2
fwE=1.56
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SecZ=1.08
Focus=-4.388
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.193 -5.716 -1.255
T123=6.9 7.6 9.6
ALT/AZ=68.2 -88.5
fwAVG=1.55
sdW=1336.6
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sdS=2366.5
fwS=1.46
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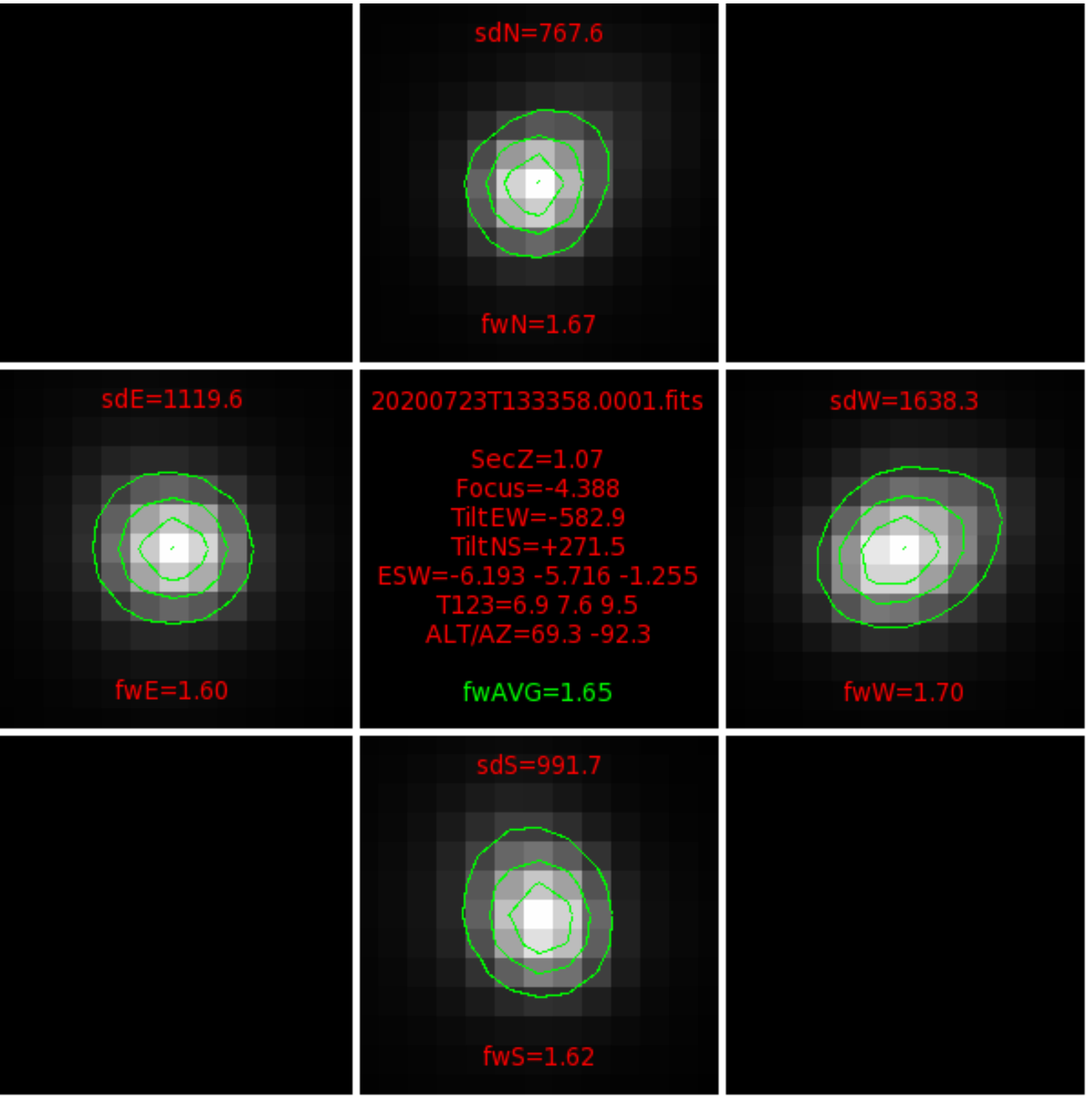
sdN=767.6
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sdE=1119.6
fwE=1.60
20200723T133358.0001.fits
SecZ=1.07
Focus=-4.388
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.193 -5.716 -1.255
T123=6.9 7.6 9.5
ALT/AZ=69.3 -92.3
fwAVG=1.65
sdW=1638.3
fwW=1.70
sdS=991.7
fwS=1.62
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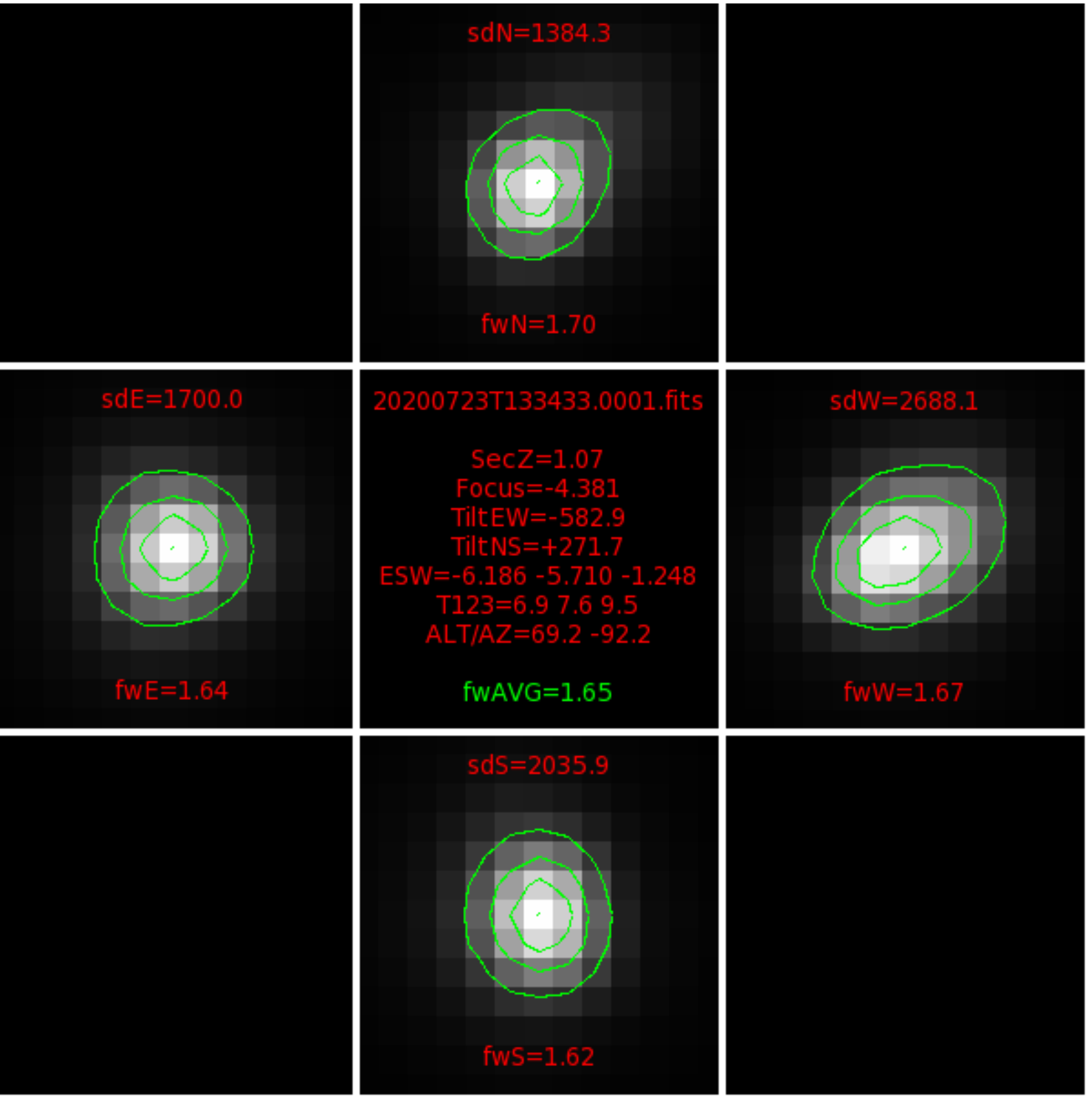
sdN=1384.3
fwN=1.70
sdE=1700.0
fwE=1.64
20200723T133433.0001.fits
SecZ=1.07
Focus=-4.381
TiltEW=-582.9
TiltNS=+271.7
ESW=-6.186 -5.710 -1.248
T123=6.9 7.6 9.5
ALT/AZ=69.2 -92.2
fwAVG=1.65
sdW=2688.1
fwW=1.67
sdS=2035.9
fwS=1.62
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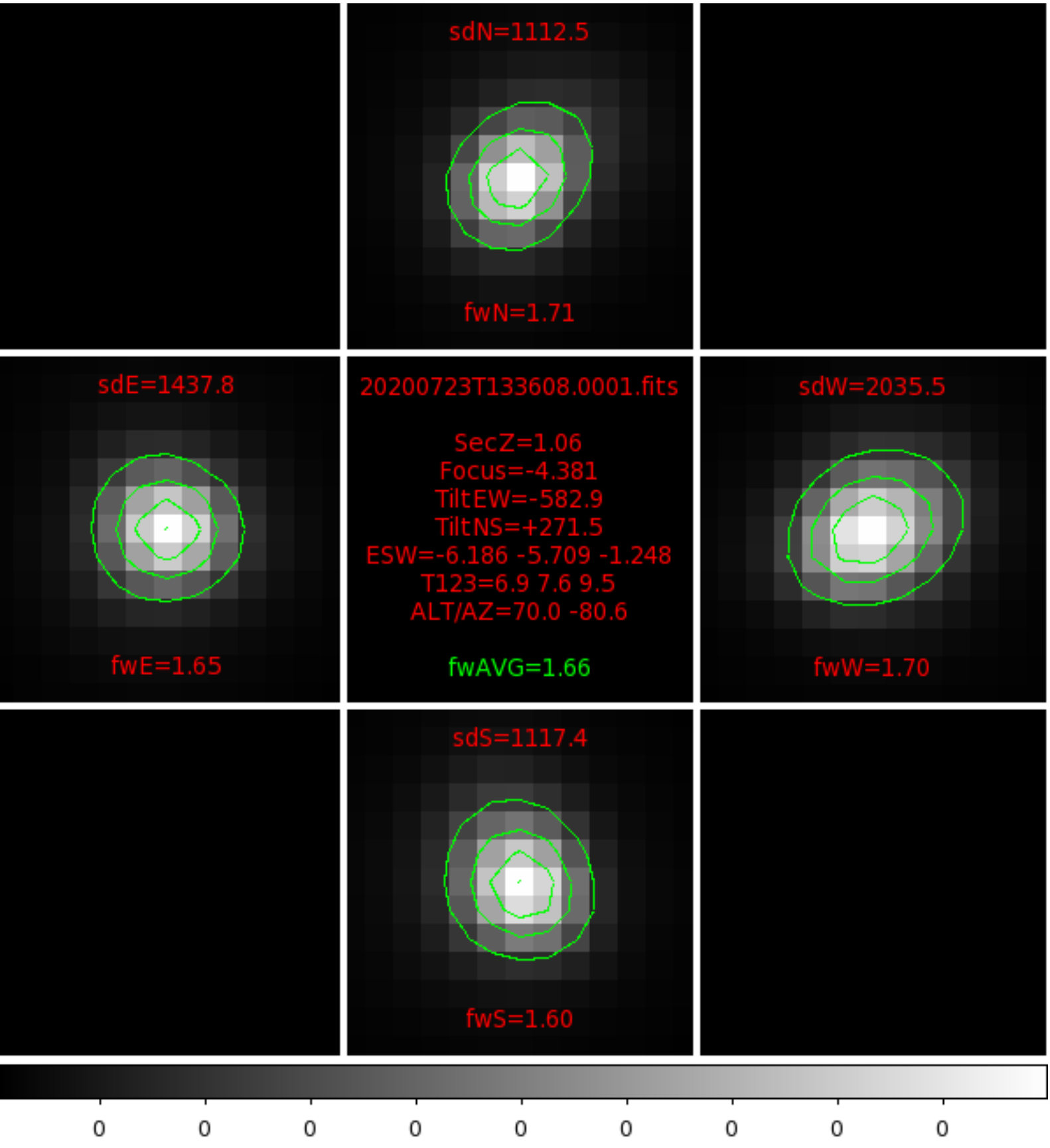
sdN=1112.5
fwN=1.71
sdE=1437.8
fwE=1.65
20200723T133608.0001.fits
SecZ=1.06
Focus=-4.381
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.186 -5.709 -1.248
T123=6.9 7.6 9.5
ALT/AZ=70.0 -80.6
fwAVG=1.66
sdW=2035.5
fwW=1.70
sdS=1117.4
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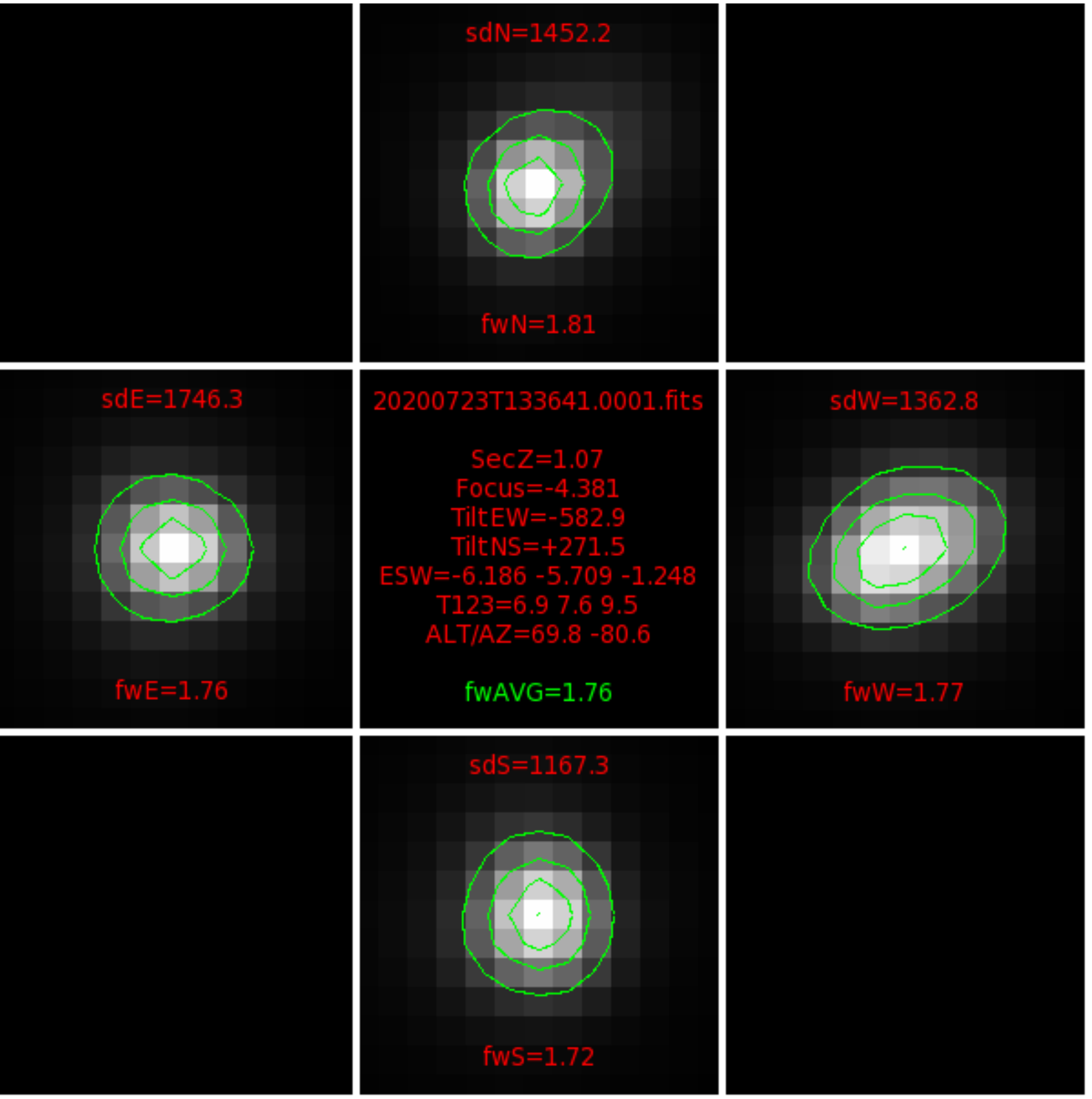
sdN=1452.2
fwN=1.81
sdE=1746.3
fwE=1.76
20200723T133641.0001.fits
SecZ=1.07
Focus=-4.381
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.186 -5.709 -1.248
T123=6.9 7.6 9.5
ALT/AZ=69.8 -80.6
fwAVG=1.76
sdW=1362.8
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sdS=1167.3
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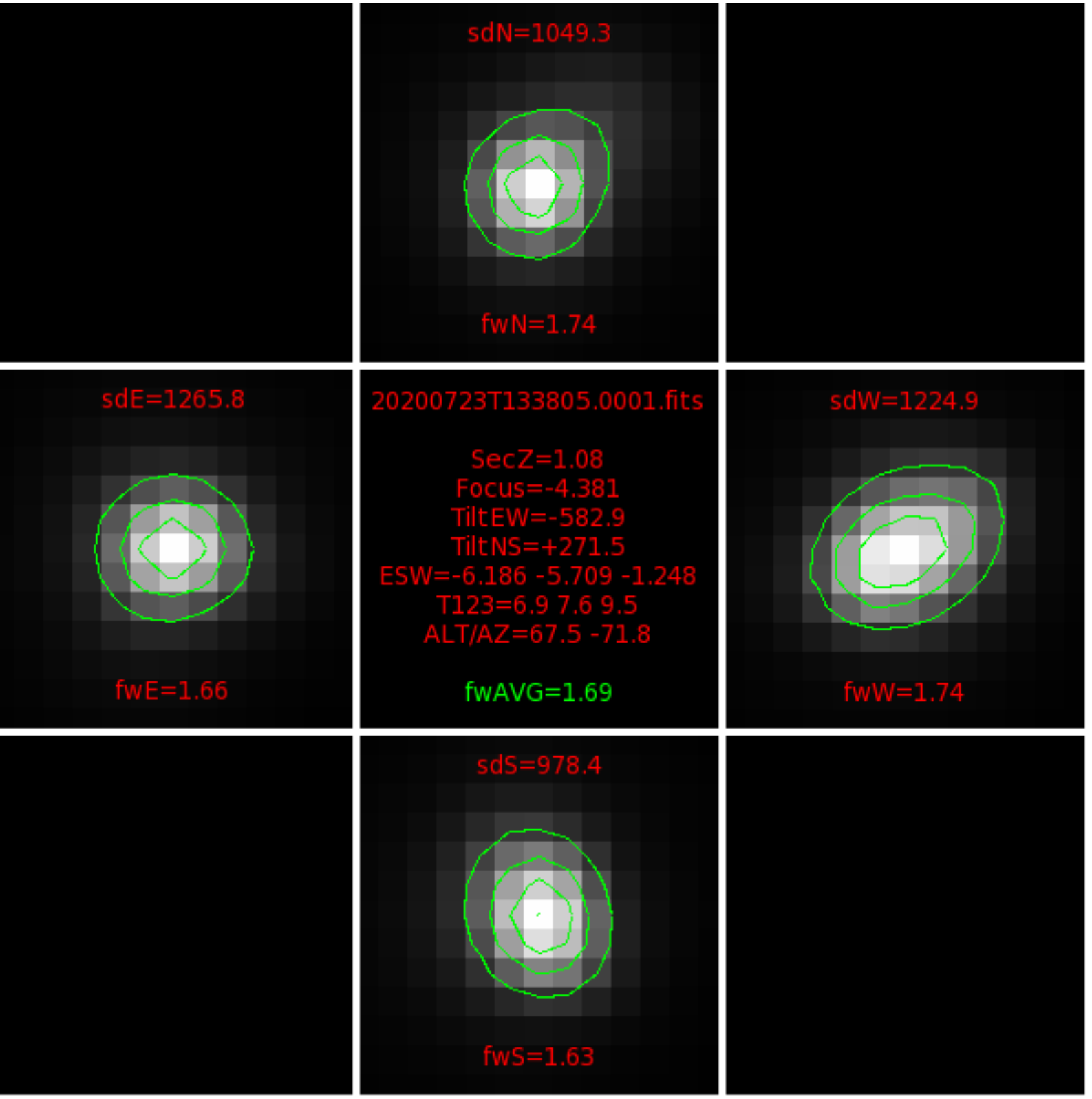
sdN=1049.3
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sdE=1265.8
fwE=1.66
20200723T133805.0001.fits
SecZ=1.08
Focus=-4.381
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.186 -5.709 -1.248
T123=6.9 7.6 9.5
ALT/AZ=67.5 -71.8
fwAVG=1.69
sdW=1224.9
fwW=1.74
sdS=978.4
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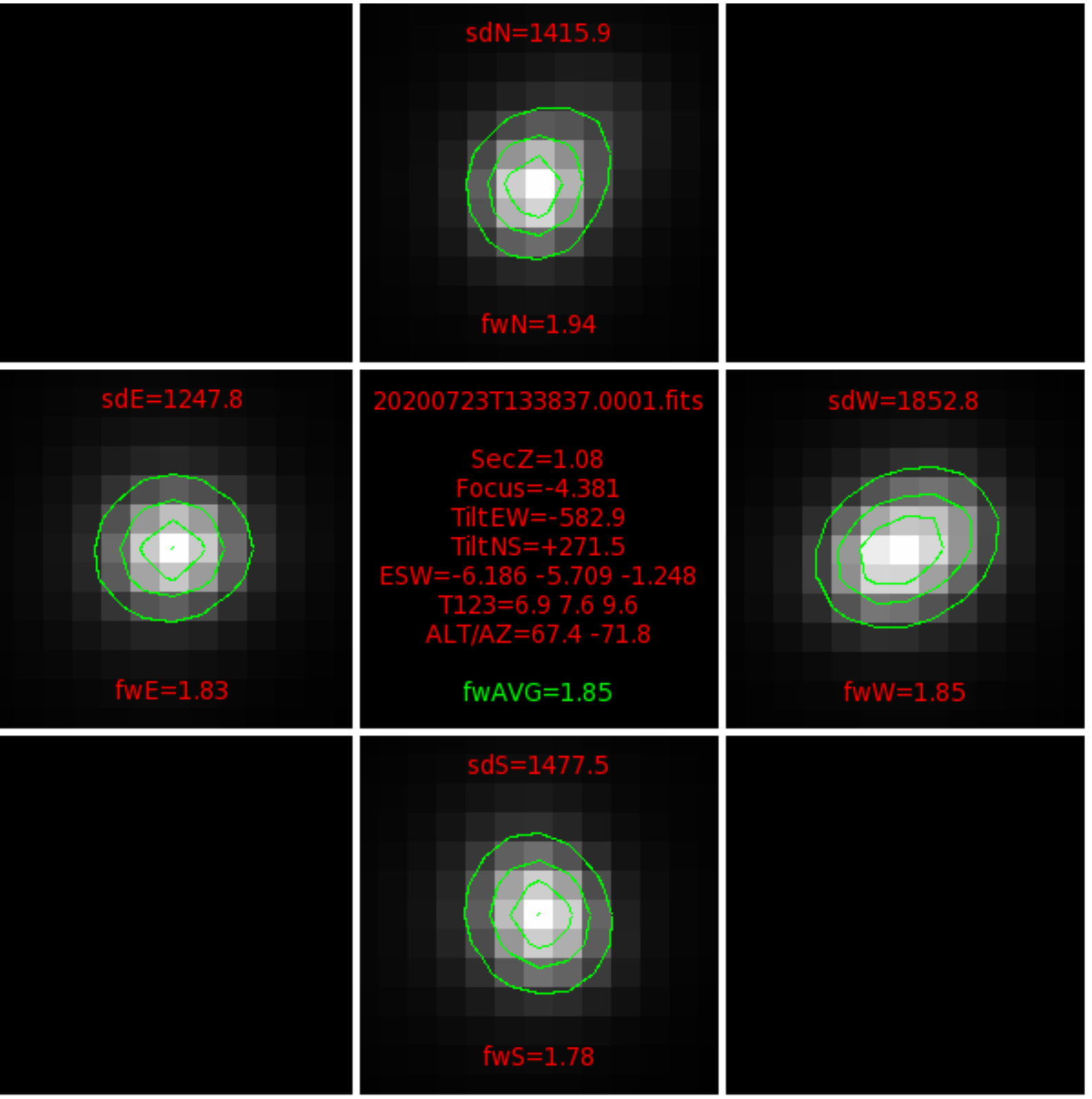
sdN=1415.9
fwN=1.94
sdE=1247.8
fwE=1.83
20200723T133837.0001.fits
SecZ=1.08
Focus=-4.381
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.186 -5.709 -1.248
T123=6.9 7.6 9.6
ALT/AZ=67.4 -71.8
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sdW=1852.8
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sdS=1477.5
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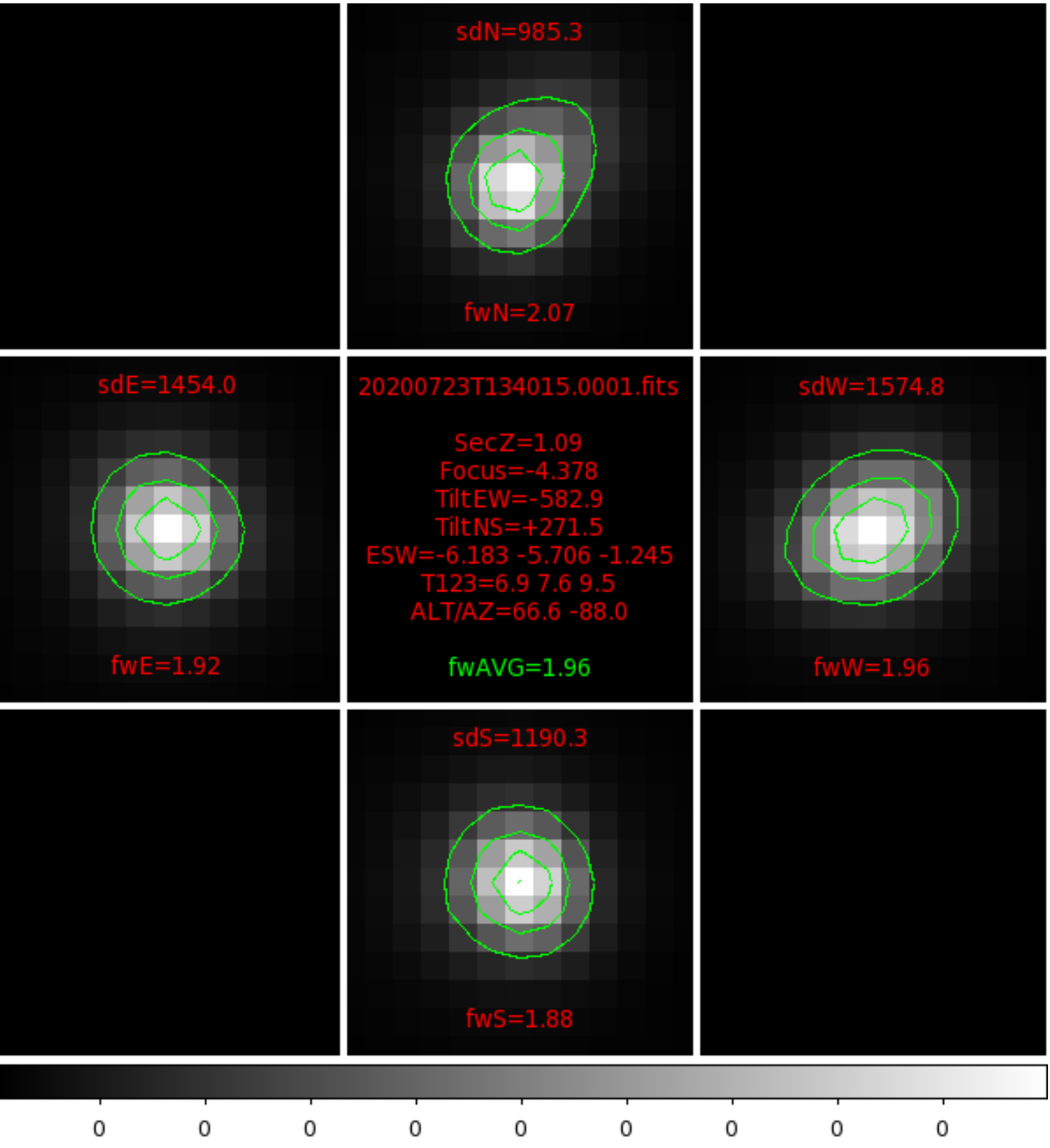
sdN=985.3
fwN=2.07
sdE=1454.0
fwE=1.92
20200723T134015.0001.fits
SecZ=1.09
Focus=-4.378
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.183 -5.706 -1.245
T123=6.9 7.6 9.5
ALT/AZ=66.6 -88.0
fwAVG=1.96
sdW=1574.8
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sdS=1190.3
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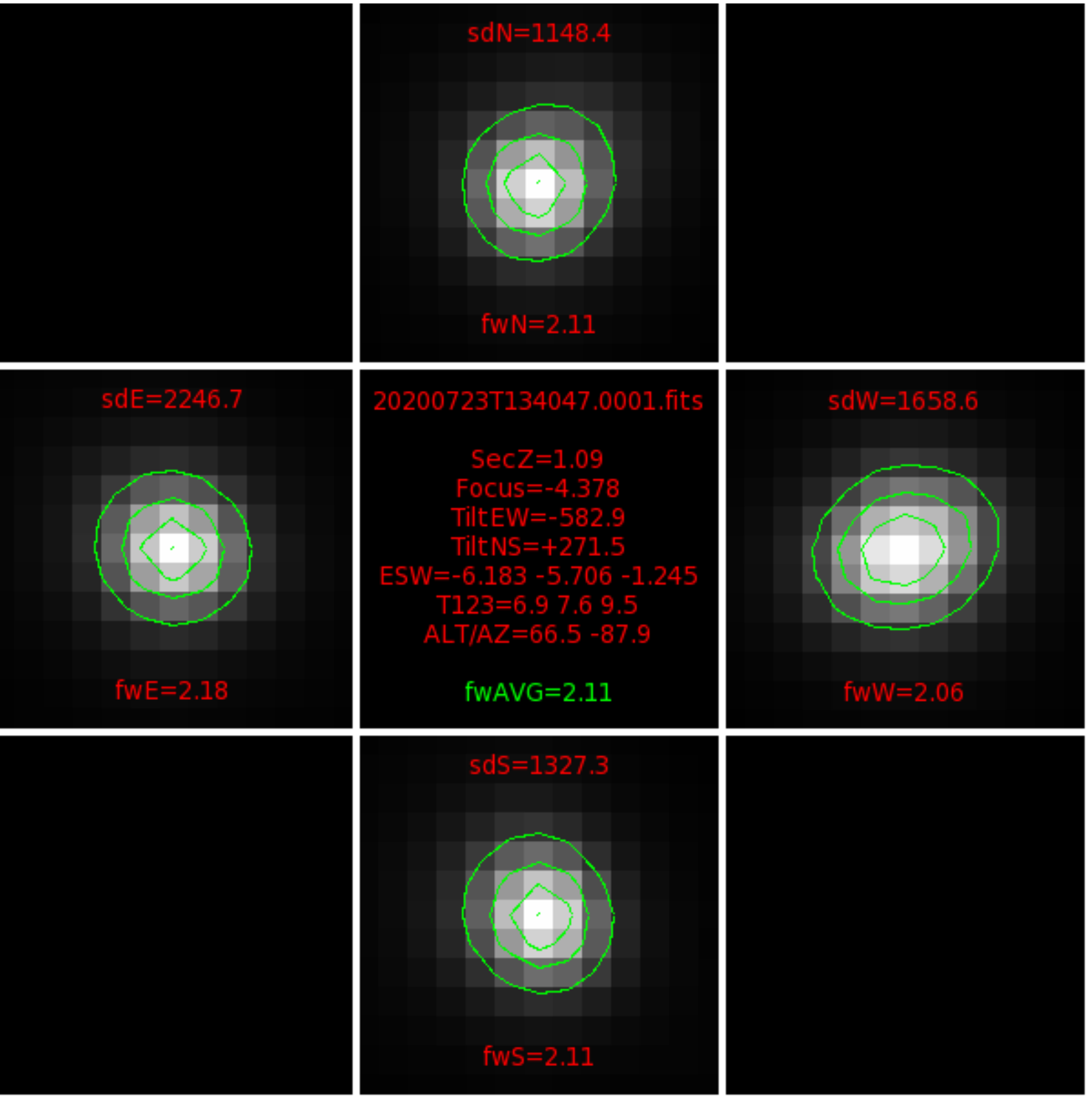
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sdE=2246.7
fwE=2.18
20200723T134047.0001.fits
SecZ=1.09
Focus=-4.378
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.183 -5.706 -1.245
T123=6.9 7.6 9.5
ALT/AZ=66.5 -87.9
fwAVG=2.11
sdW=1658.6
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sdS=1327.3
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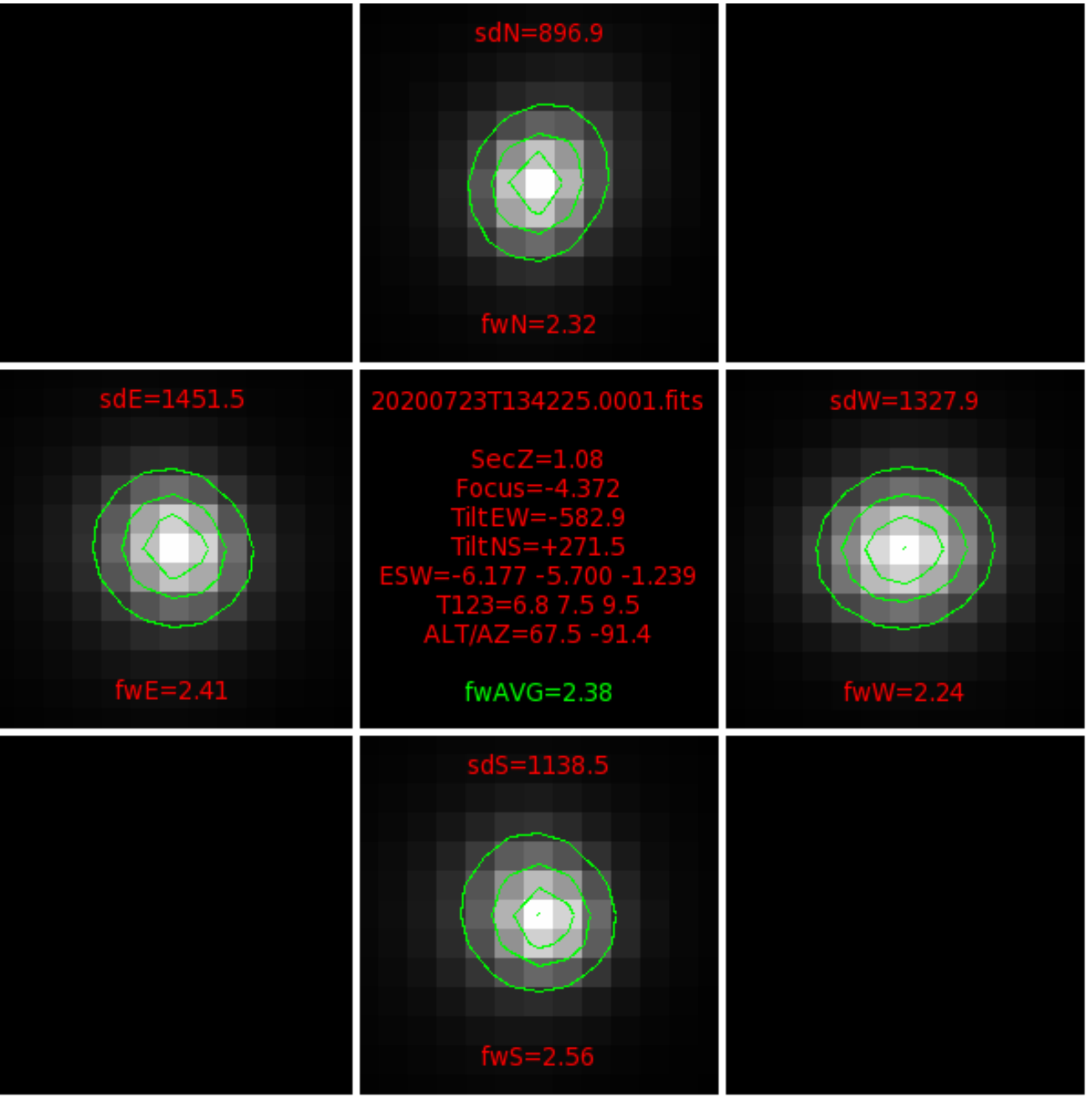
sdN=896.9
fwN=2.32
sdE=1451.5
fwE=2.41
20200723T134225.0001.fits
SecZ=1.08
Focus=-4.372
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.177 -5.700 -1.239
T123=6.8 7.5 9.5
ALT/AZ=67.5 -91.4
fwAVG=2.38
sdW=1327.9
fwW=2.24
sdS=1138.5
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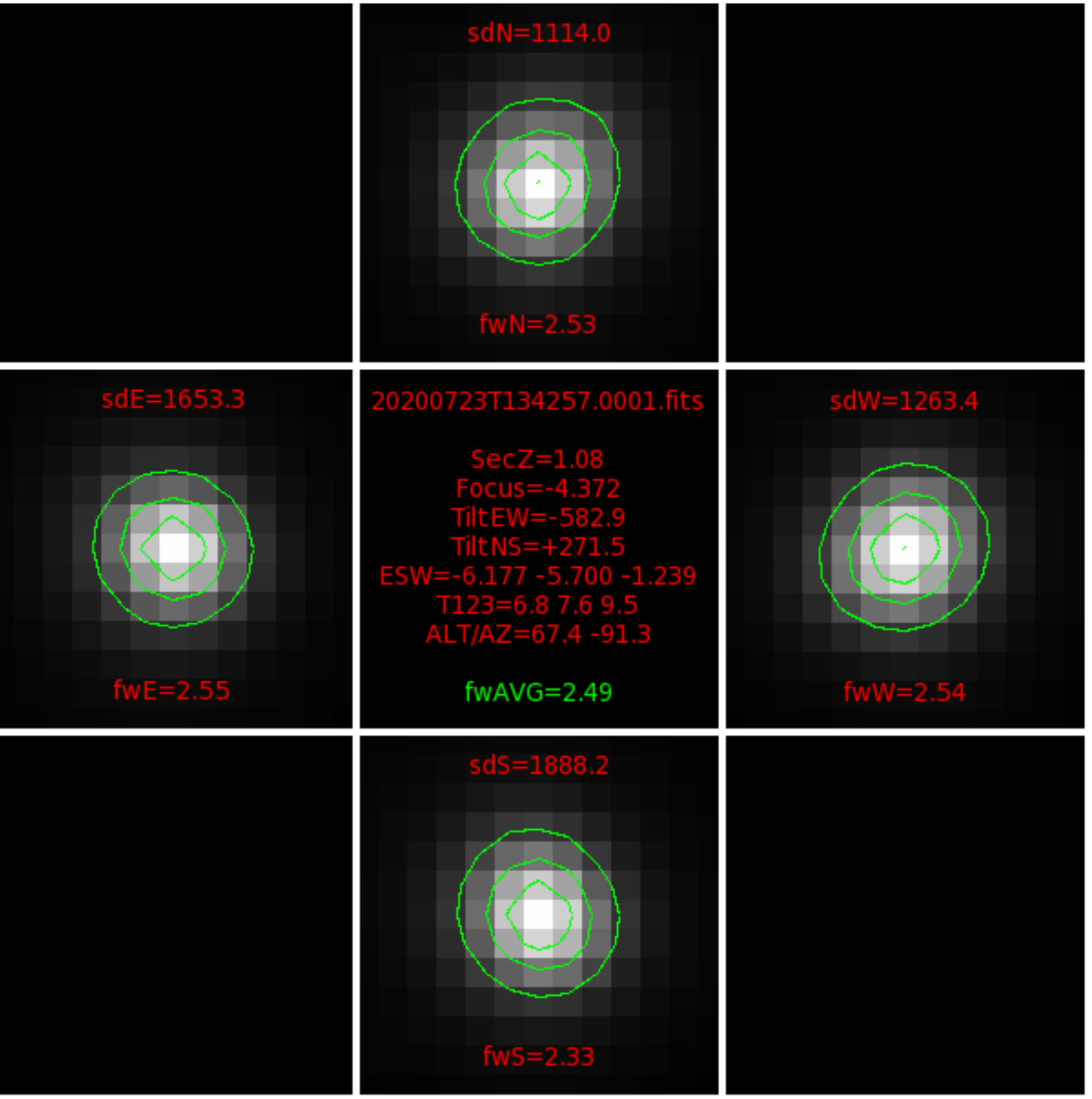
sdN=1114.0
fwN=2.53
sdE=1653.3
fwE=2.55
20200723T134257.0001.fits
SecZ=1.08
Focus=-4.372
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.177 -5.700 -1.239
T123=6.8 7.6 9.5
ALT/AZ=67.4 -91.3
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sdW=1263.4
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sdS=1888.2
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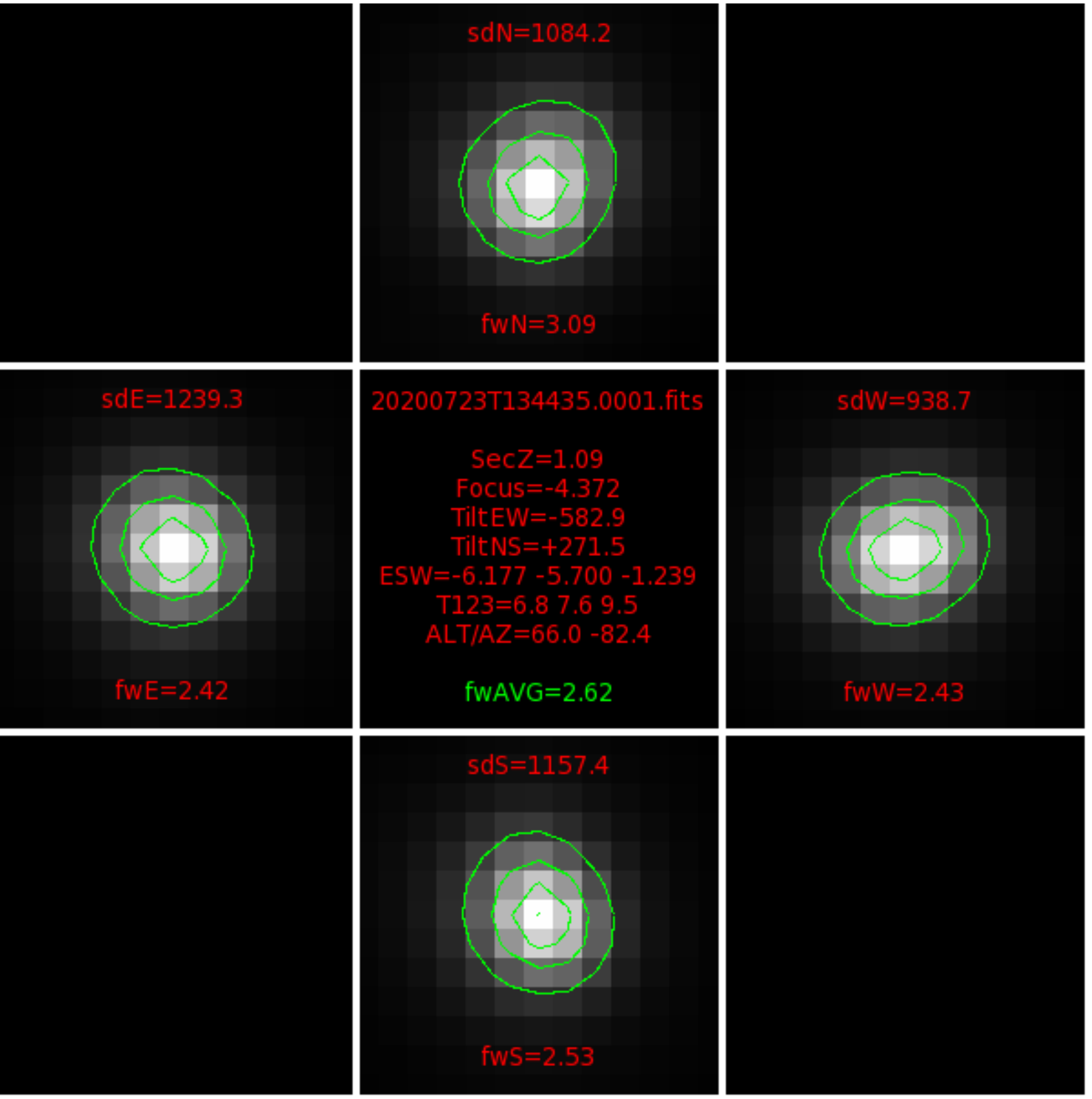
sdN=1084.2
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sdE=1239.3
fwE=2.42
20200723T134435.0001.fits
SecZ=1.09
Focus=-4.372
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.177 -5.700 -1.239
T123=6.8 7.6 9.5
ALT/AZ=66.0 -82.4
fwAVG=2.62
sdW=938.7
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sdS=1157.4
fwS=2.53
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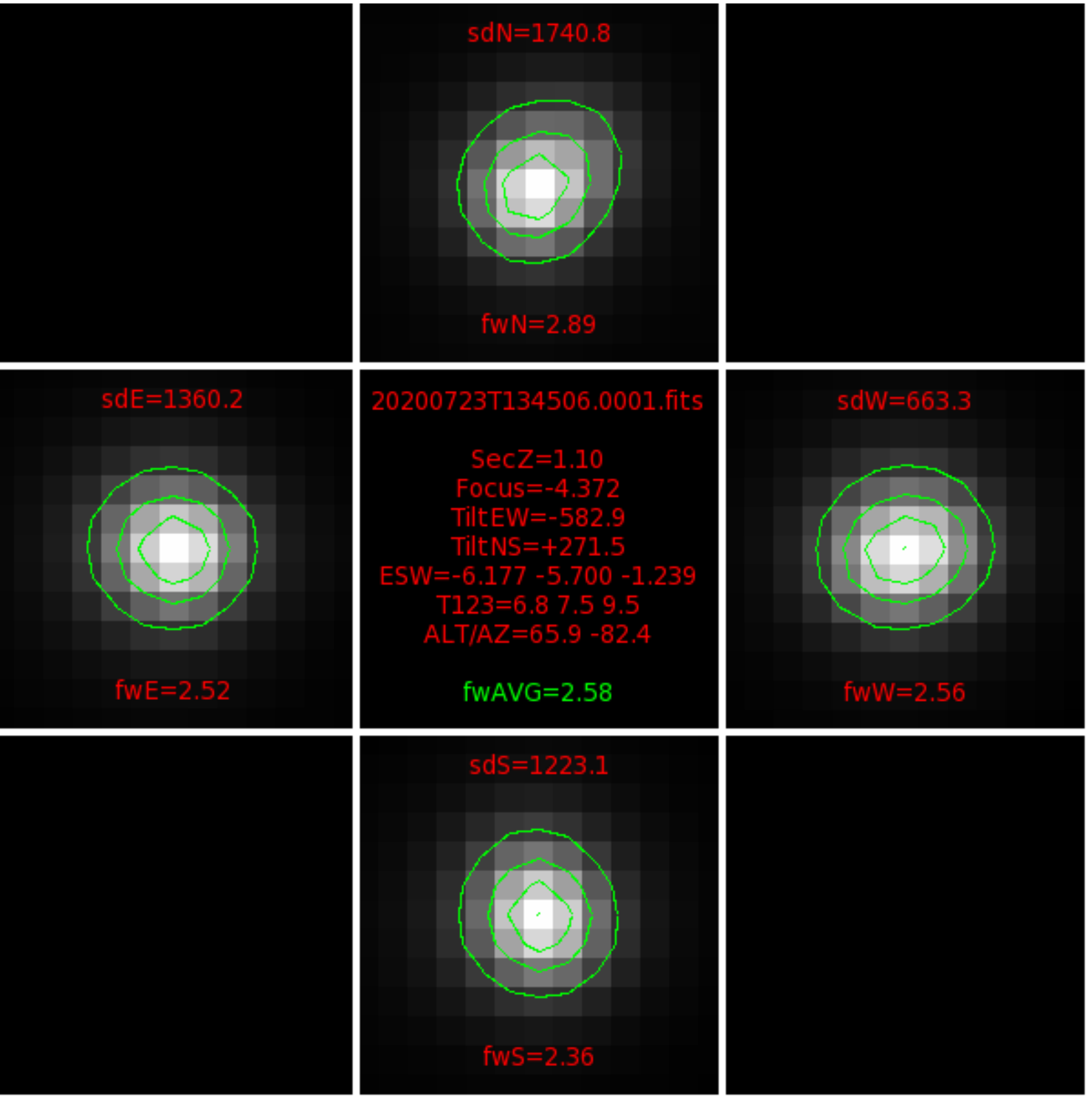
sdN=1740.8
fwN=2.89
sdE=1360.2
fwE=2.52
20200723T134506.0001.fits
SecZ=1.10
Focus=-4.372
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.177 -5.700 -1.239
T123=6.8 7.5 9.5
ALT/AZ=65.9 -82.4
fwAVG=2.58
sdW=663.3
fwW=2.56
sdS=1223.1
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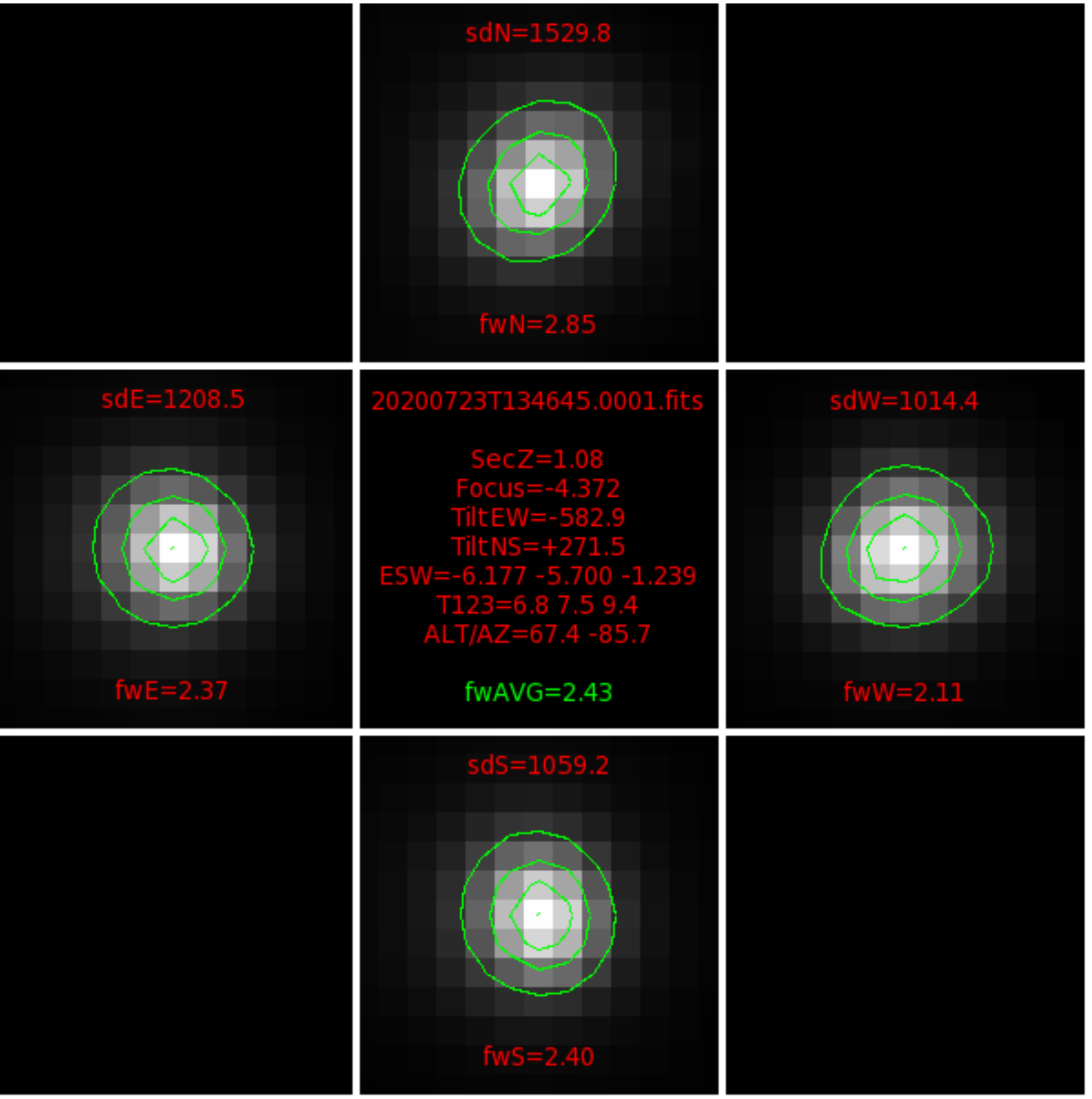
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fwN=2.85
sdE=1208.5
fwE=2.37
20200723T134645.0001.fits
SecZ=1.08
Focus=-4.372
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.177 -5.700 -1.239
T123=6.8 7.5 9.4
ALT/AZ=67.4 -85.7
fwAVG=2.43
sdW=1014.4
fwW=2.11
sdS=1059.2
fwS=2.40
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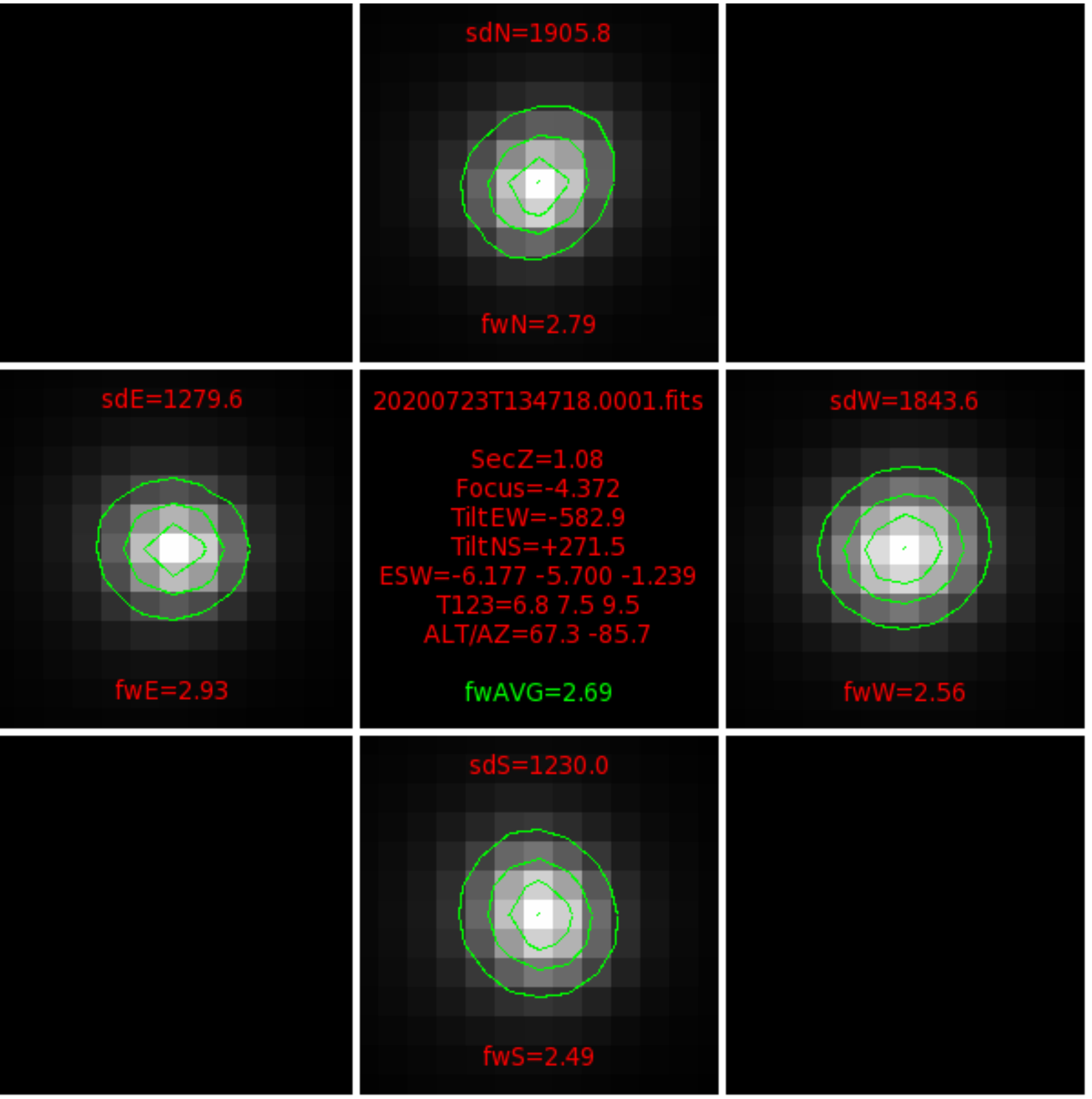
sdN=1905.8
fwN=2.79
sdE=1279.6
fwE=2.93
20200723T134718.0001.fits
SecZ=1.08
Focus=-4.372
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.177 -5.700 -1.239
T123=6.8 7.5 9.5
ALT/AZ=67.3 -85.7
fwAVG=2.69
sdW=1843.6
fwW=2.56
sdS=1230.0
fwS=2.49
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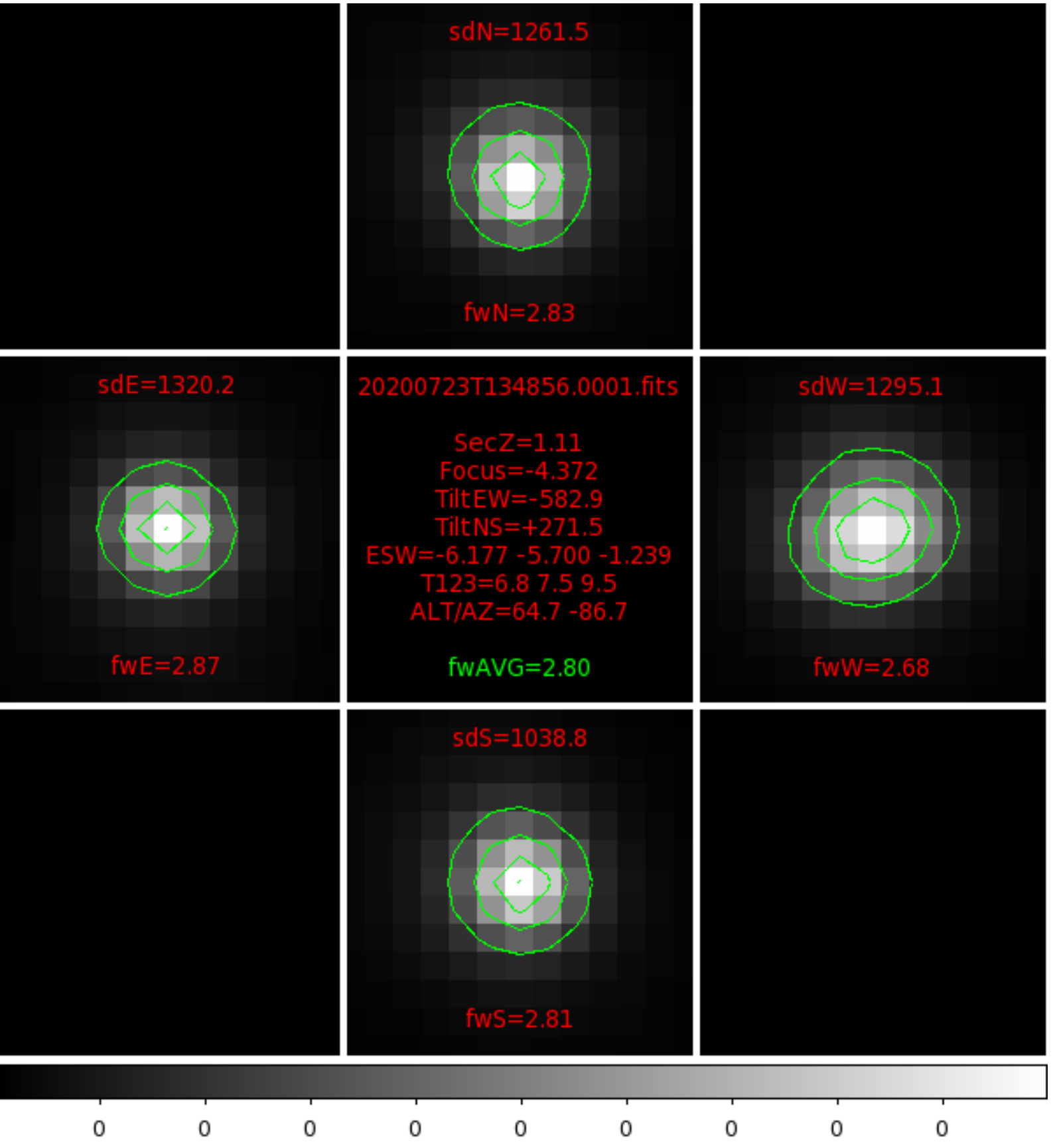
sdN=1261.5
fwN=2.83
sdE=1320.2
fwE=2.87
20200723T134856.0001.fits
SecZ=1.11
Focus=-4.372
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.177 -5.700 -1.239
T123=6.8 7.5 9.5
ALT/AZ=64.7 -86.7
fwAVG=2.80
sdW=1295.1
fwW=2.68
sdS=1038.8
fwS=2.81
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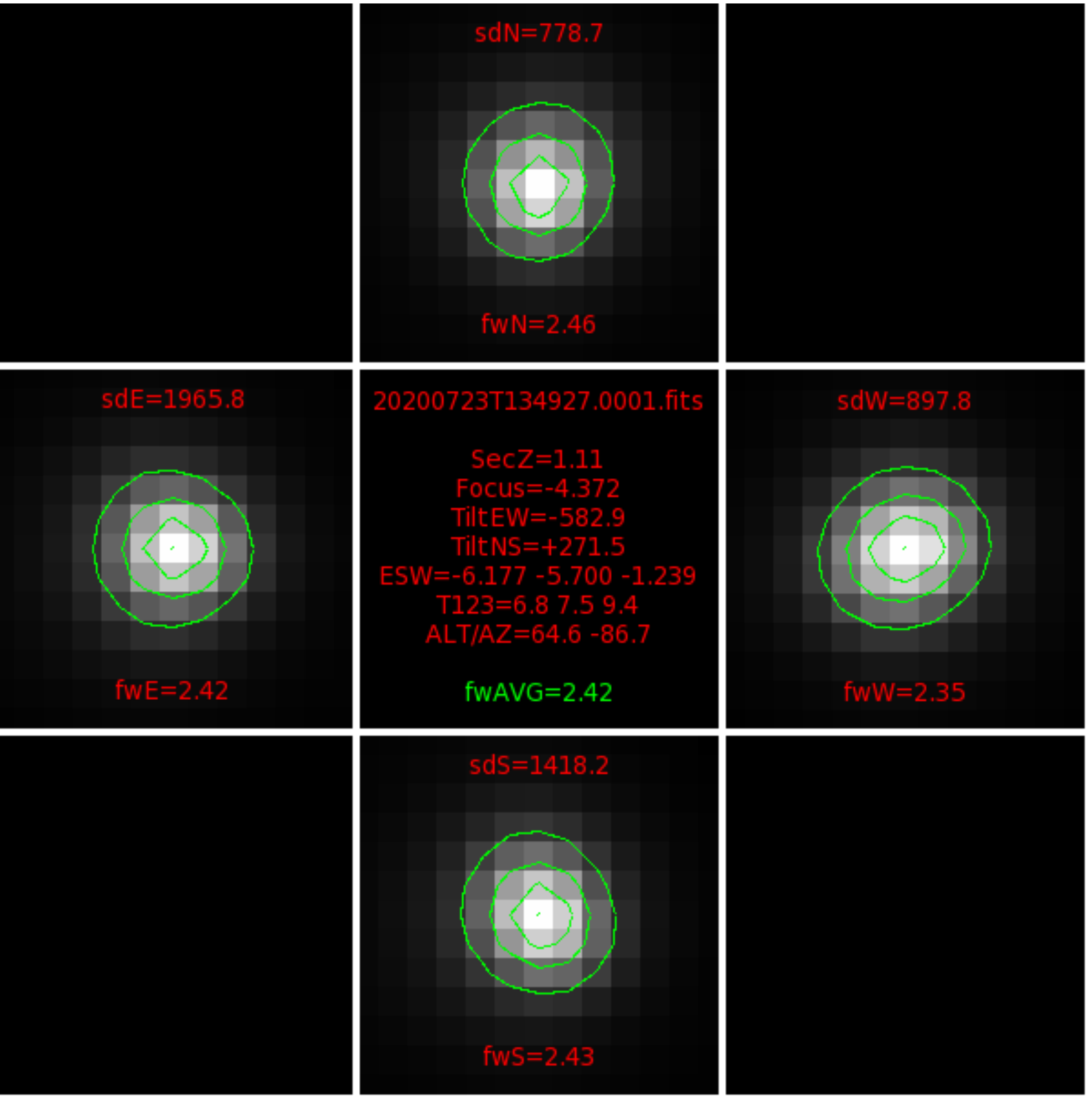
sdN=778.7
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sdE=1965.8
fwE=2.42
20200723T134927.0001.fits
SecZ=1.11
Focus=-4.372
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.177 -5.700 -1.239
T123=6.8 7.5 9.4
ALT/AZ=64.6 -86.7
fwAVG=2.42
sdW=897.8
fwW=2.35
sdS=1418.2
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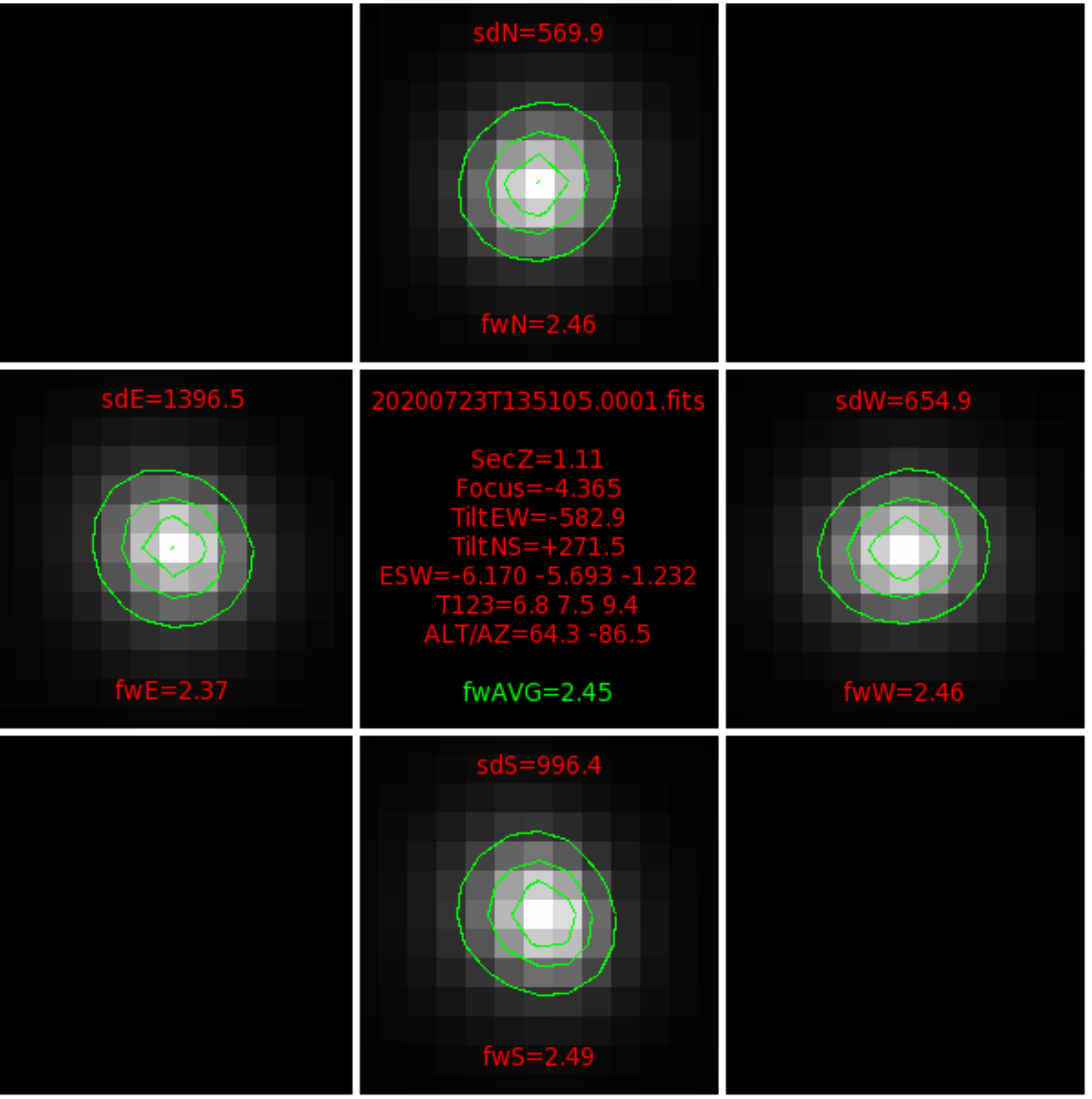
sdN=569.9
fwN=2.46
sdE=1396.5
fwE=2.37
20200723T135105.0001.fits
SecZ=1.11
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=64.3 -86.5
fwAVG=2.45
sdW=654.9
fwW=2.46
sdS=996.4
fwS=2.49
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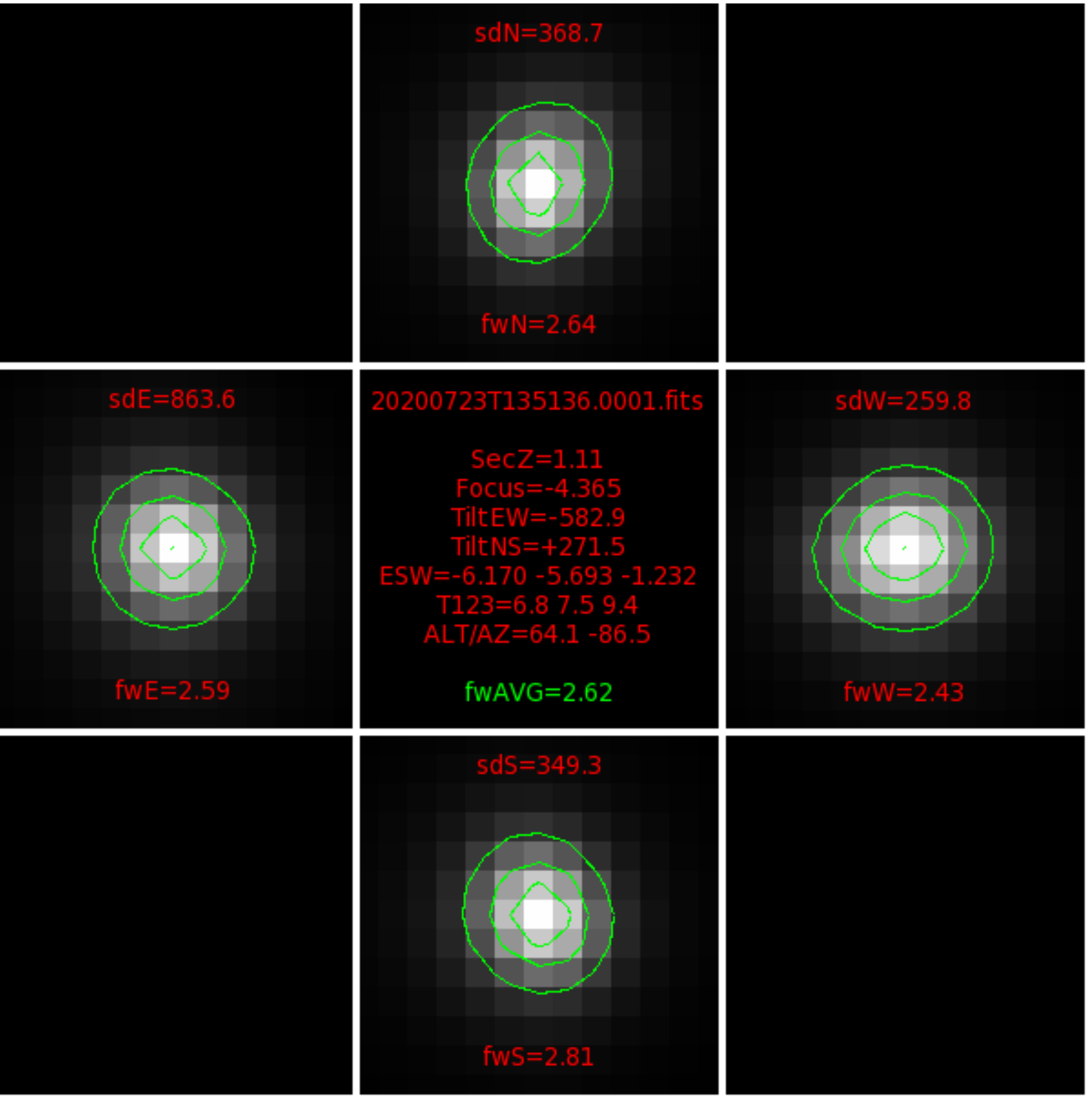
sdN=368.7
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sdE=863.6
fwE=2.59
20200723T135136.0001.fits
SecZ=1.11
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=64.1 -86.5
fwAVG=2.62
sdW=259.8
fwW=2.43
sdS=349.3
fwS=2.81
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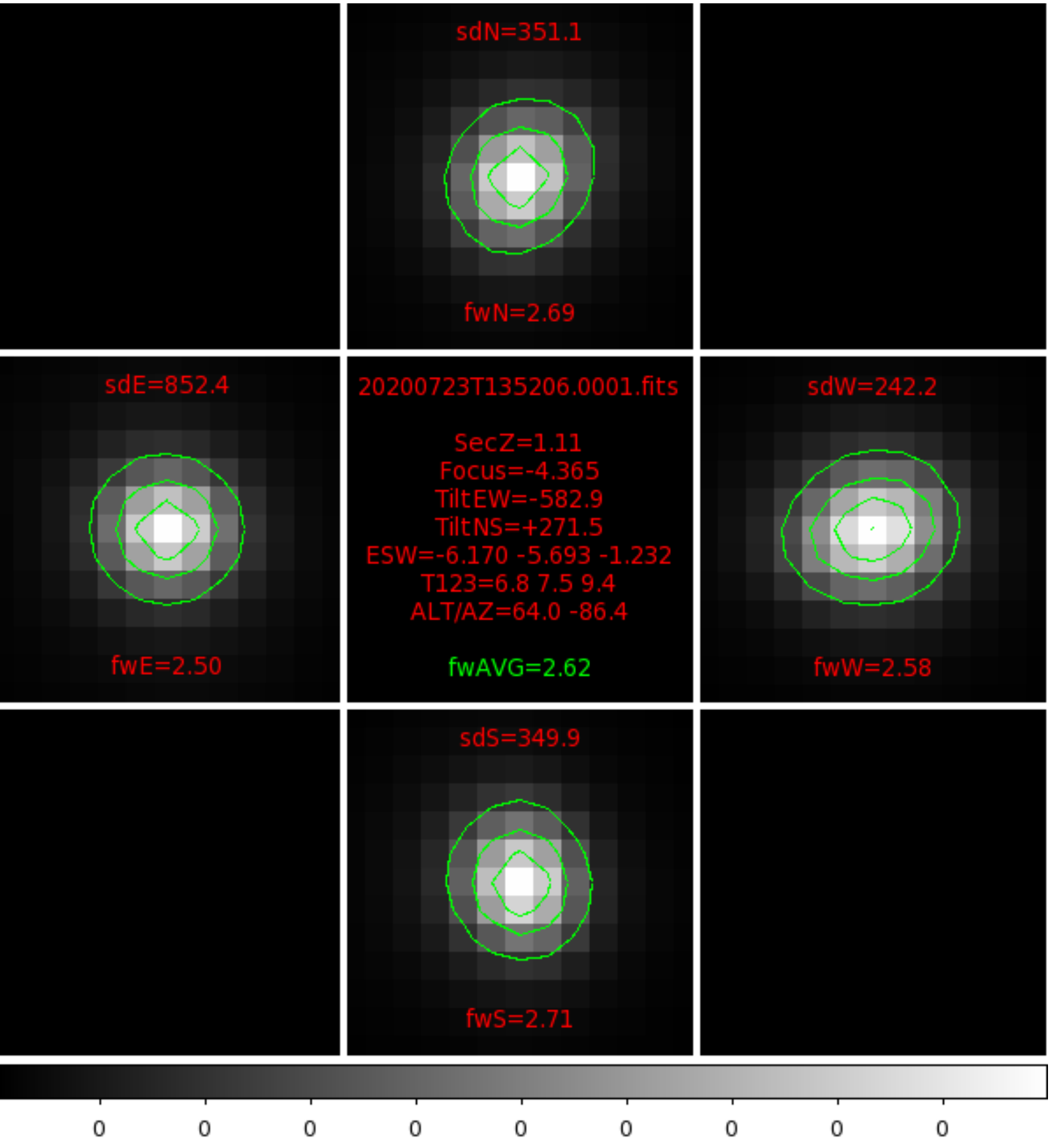
sdN=351.1
fwN=2.69
sdE=852.4
fwE=2.50
20200723T135206.0001.fits
SecZ=1.11
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=64.0 -86.4
fwAVG=2.62
sdW=242.2
fwW=2.58
sdS=349.9
fwS=2.71
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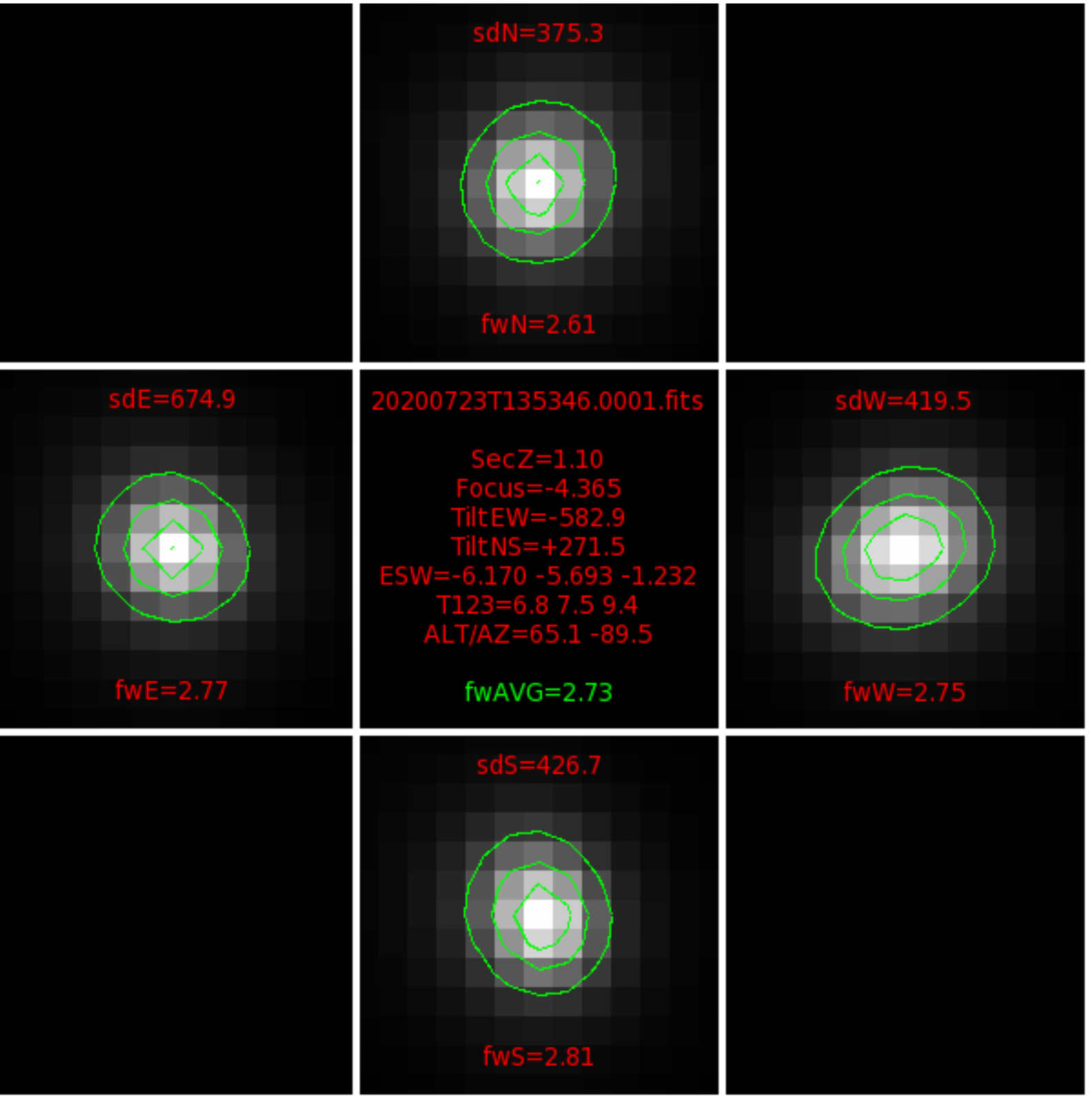
sdN=375.3
fwN=2.61
sdE=674.9
fwE=2.77
20200723T135346.0001.fits
SecZ=1.10
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=65.1 -89.5
fwAVG=2.73
sdW=419.5
fwW=2.75
sdS=426.7
fwS=2.81
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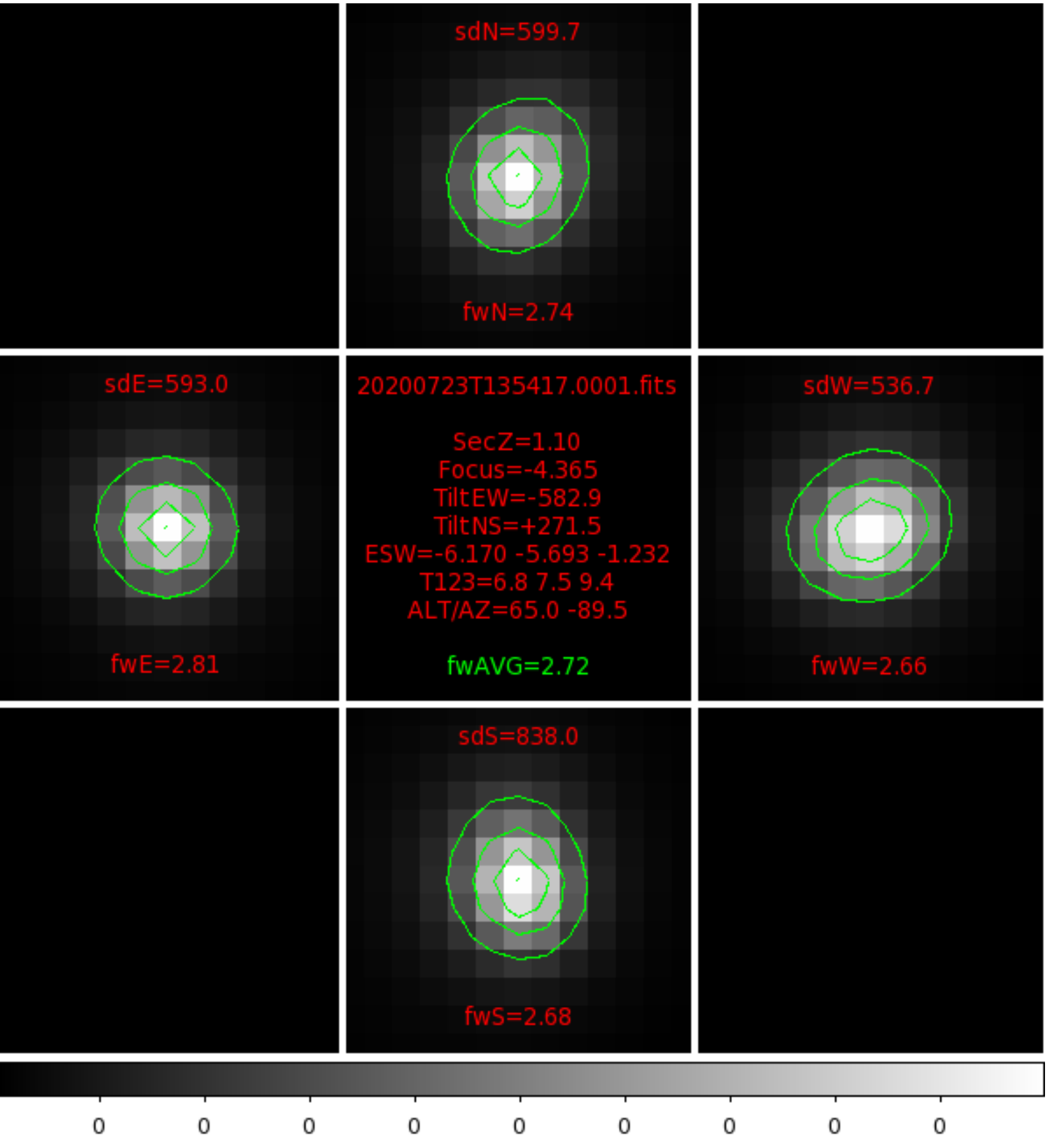
sdN=599.7
fwN=2.74
sdE=593.0
fwE=2.81
20200723T135417.0001.fits
SecZ=1.10
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=65.0 -89.5
fwAVG=2.72
sdW=536.7
fwW=2.66
sdS=838.0
fwS=2.68
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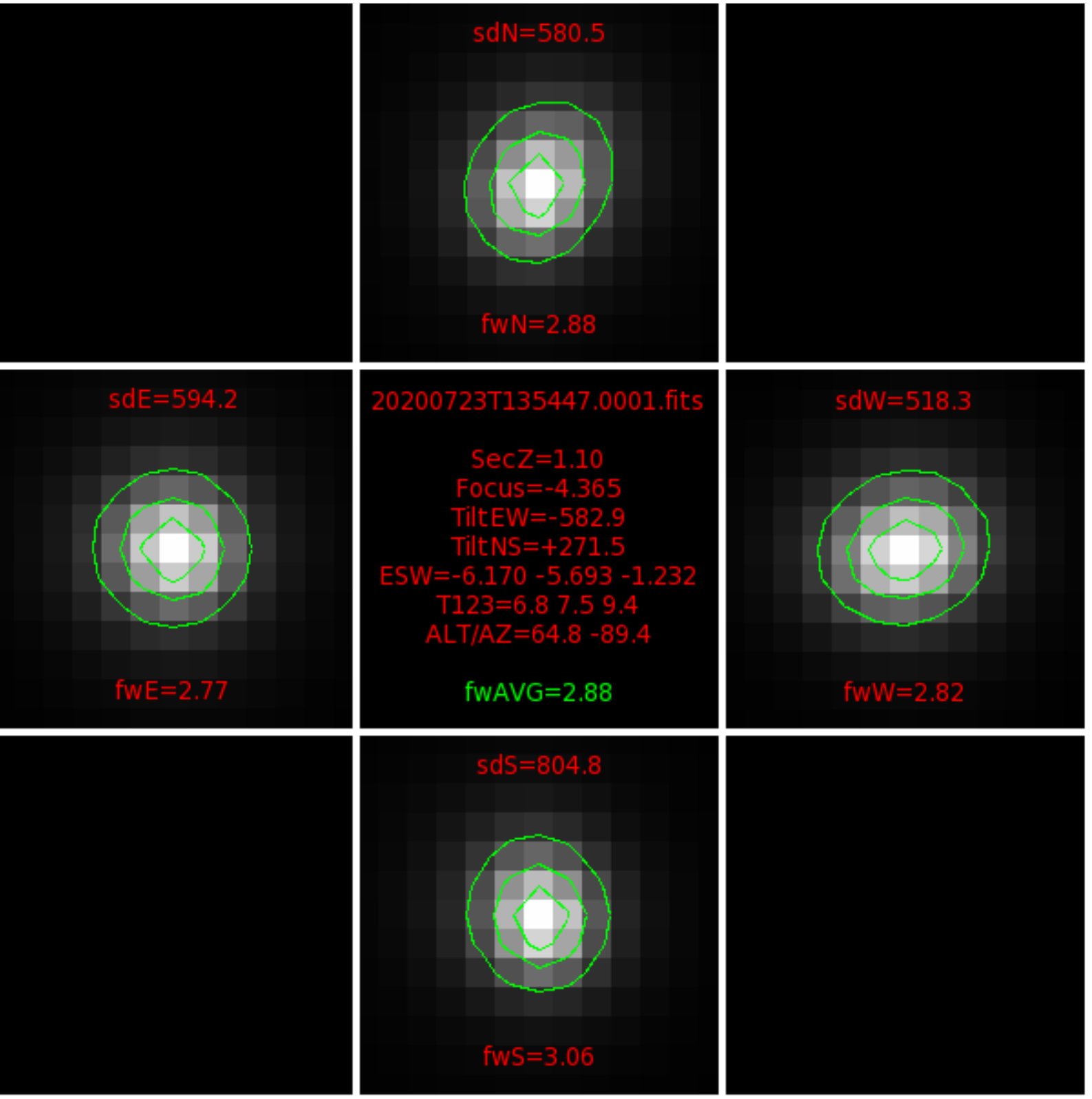
sdN=580.5
fwN=2.88
sdE=594.2
fwE=2.77
20200723T135447.0001.fits
SecZ=1.10
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=64.8 -89.4
fwAVG=2.88
sdW=518.3
fwW=2.82
sdS=804.8
fwS=3.06
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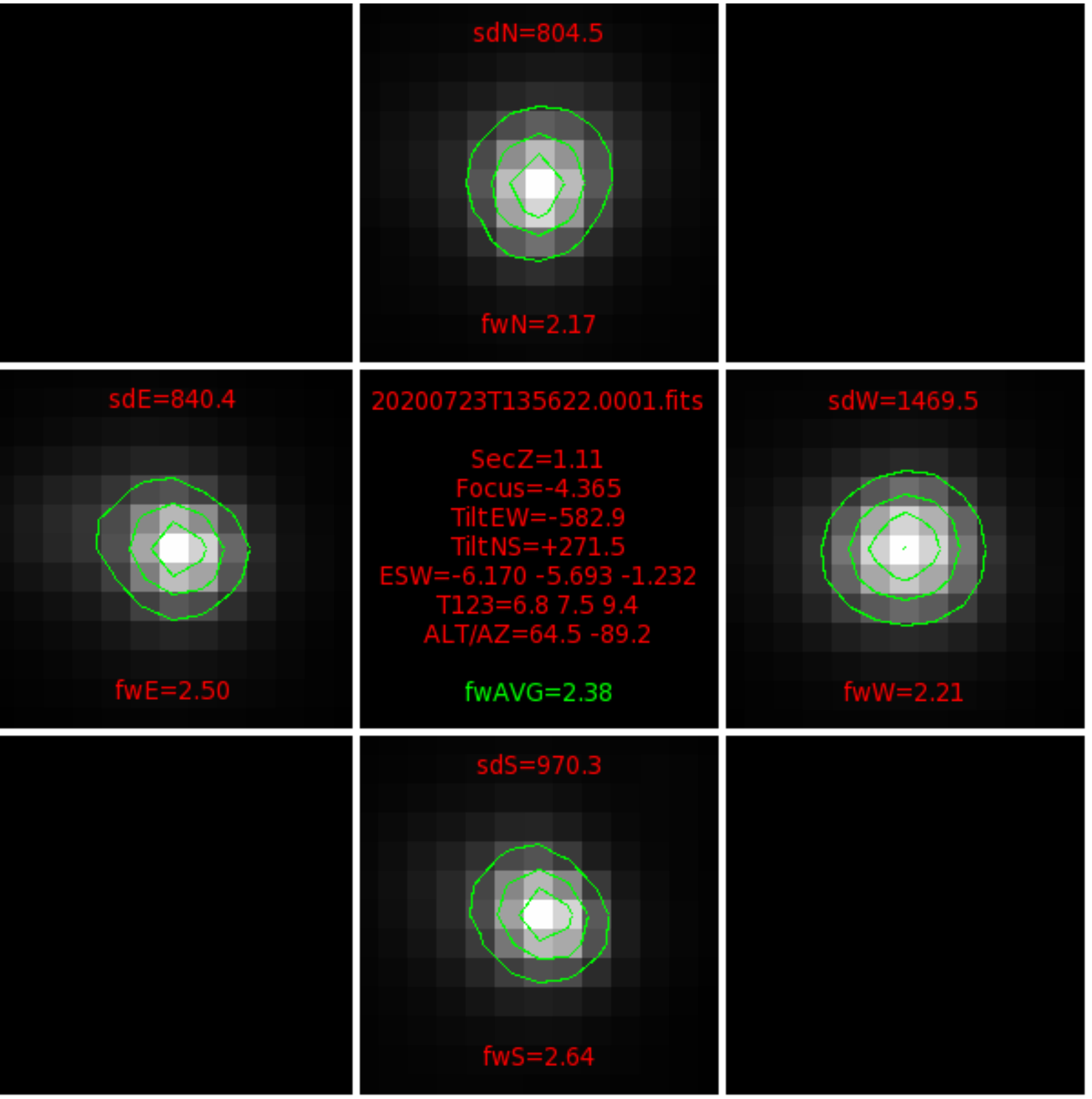
sdN=804.5
fwN=2.17
sdE=840.4
fwE=2.50
20200723T135622.0001.fits
SecZ=1.11
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=64.5 -89.2
fwAVG=2.38
sdW=1469.5
fwW=2.21
sdS=970.3
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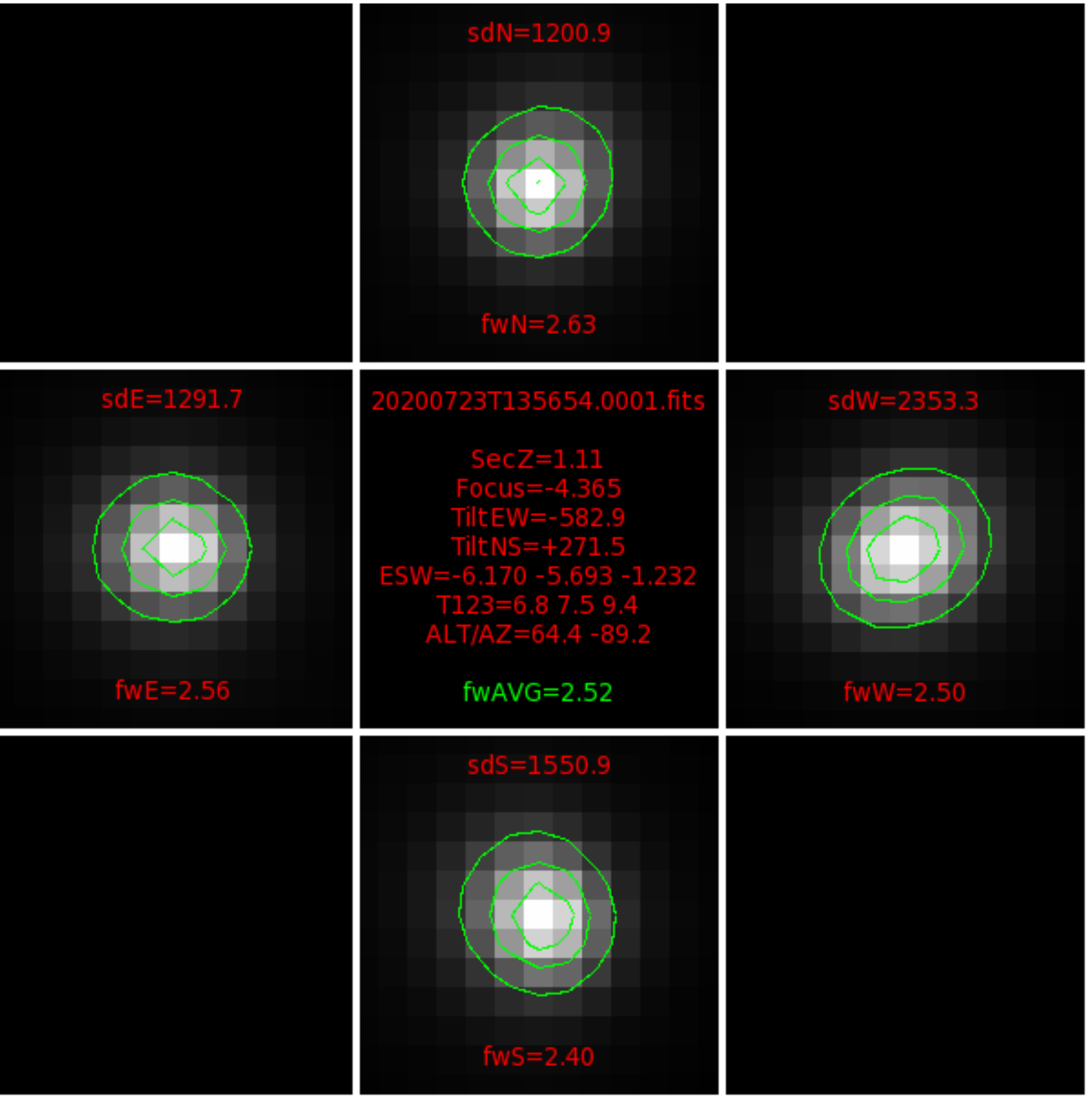
sdN=1200.9
fwN=2.63
sdE=1291.7
fwE=2.56
20200723T135654.0001.fits
SecZ=1.11
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=64.4 -89.2
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sdW=2353.3
fwW=2.50
sdS=1550.9
fwS=2.40
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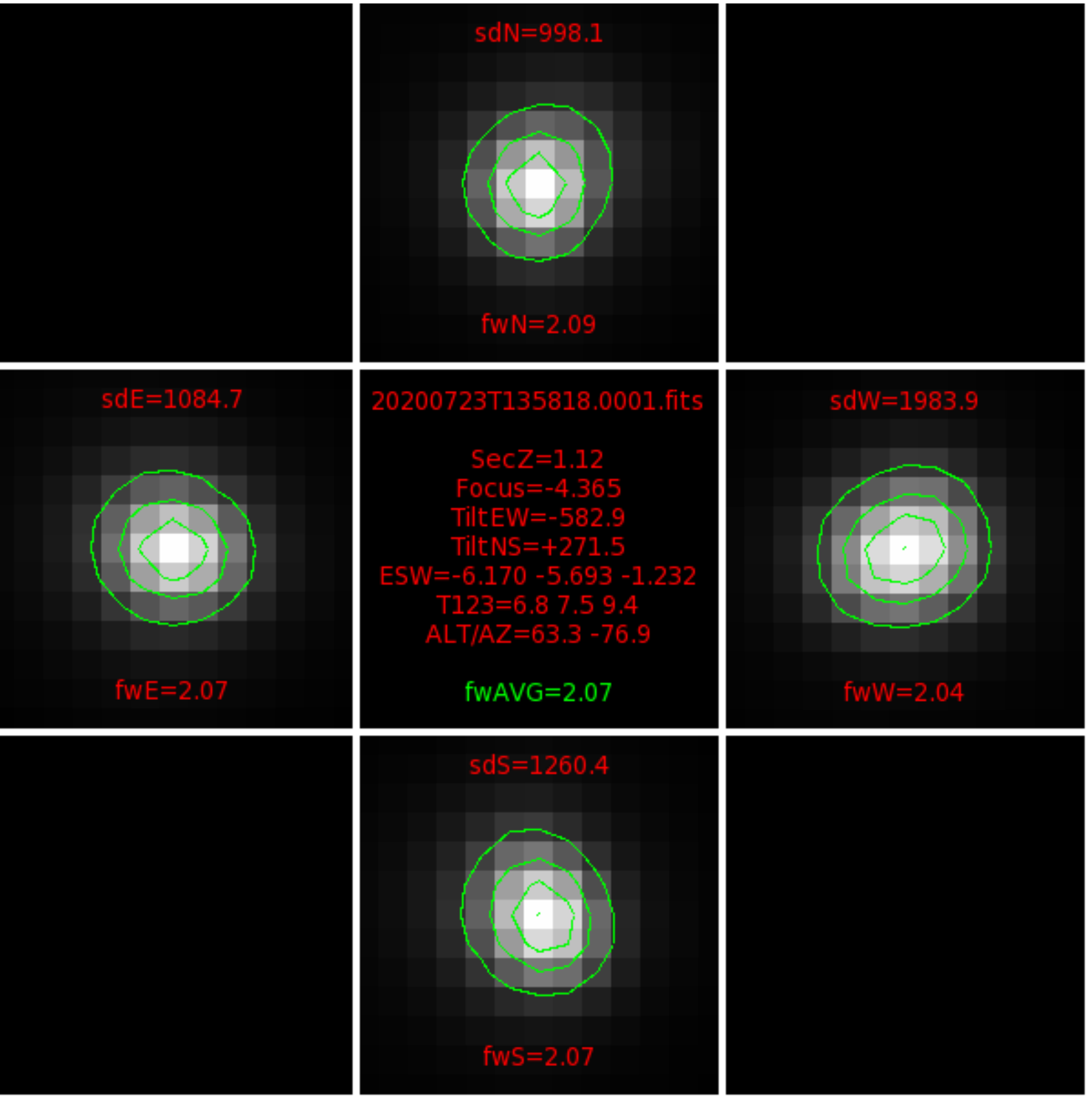
sdN=998.1
fwN=2.09
sdE=1084.7
fwE=2.07
20200723T135818.0001.fits
SecZ=1.12
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=63.3 -76.9
fwAVG=2.07
sdW=1983.9
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sdS=1260.4
fwS=2.07
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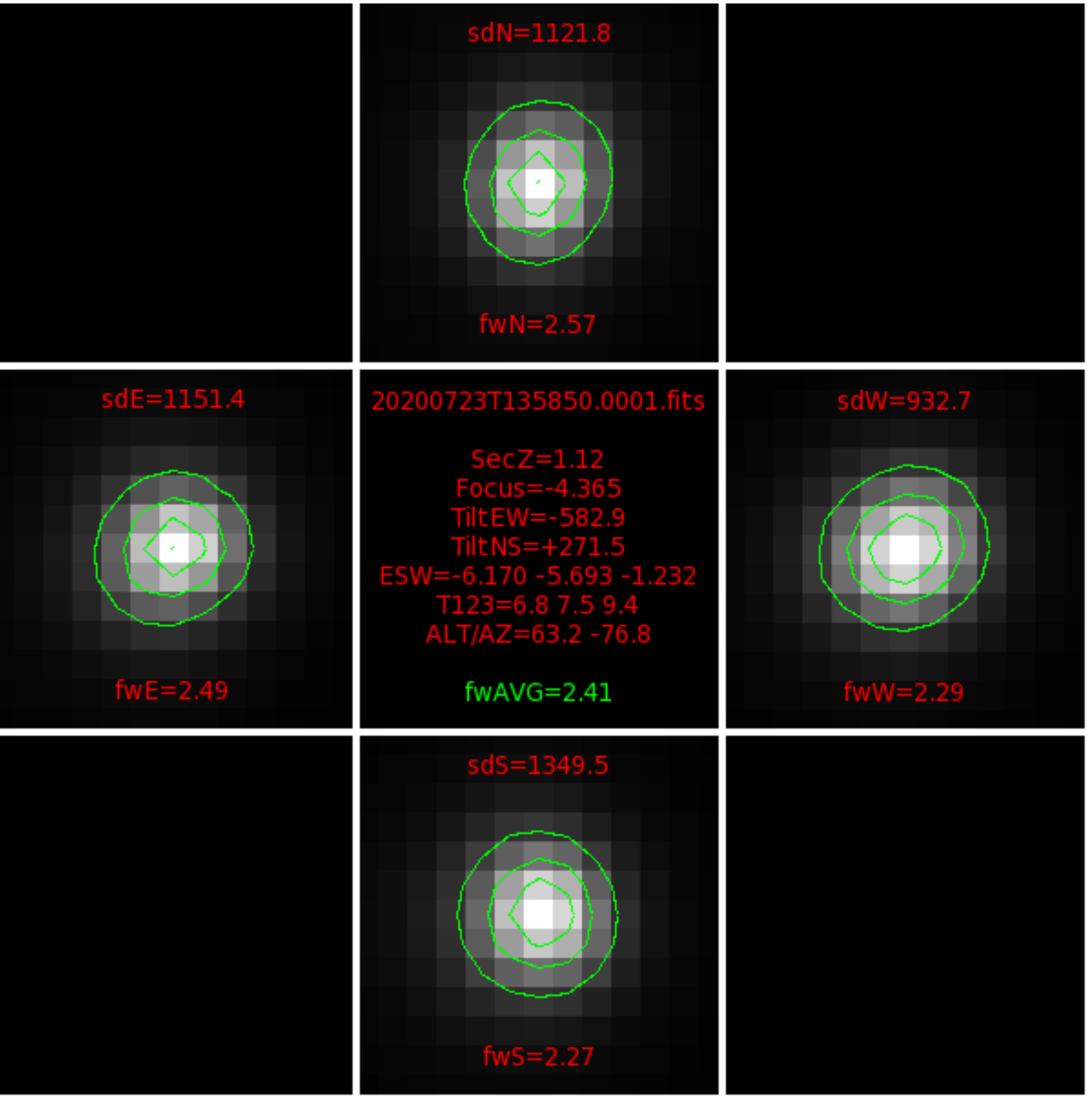
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fwN=2.57
sdE=1151.4
fwE=2.49
20200723T135850.0001.fits
SecZ=1.12
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=63.2 -76.8
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sdW=932.7
fwW=2.29
sdS=1349.5
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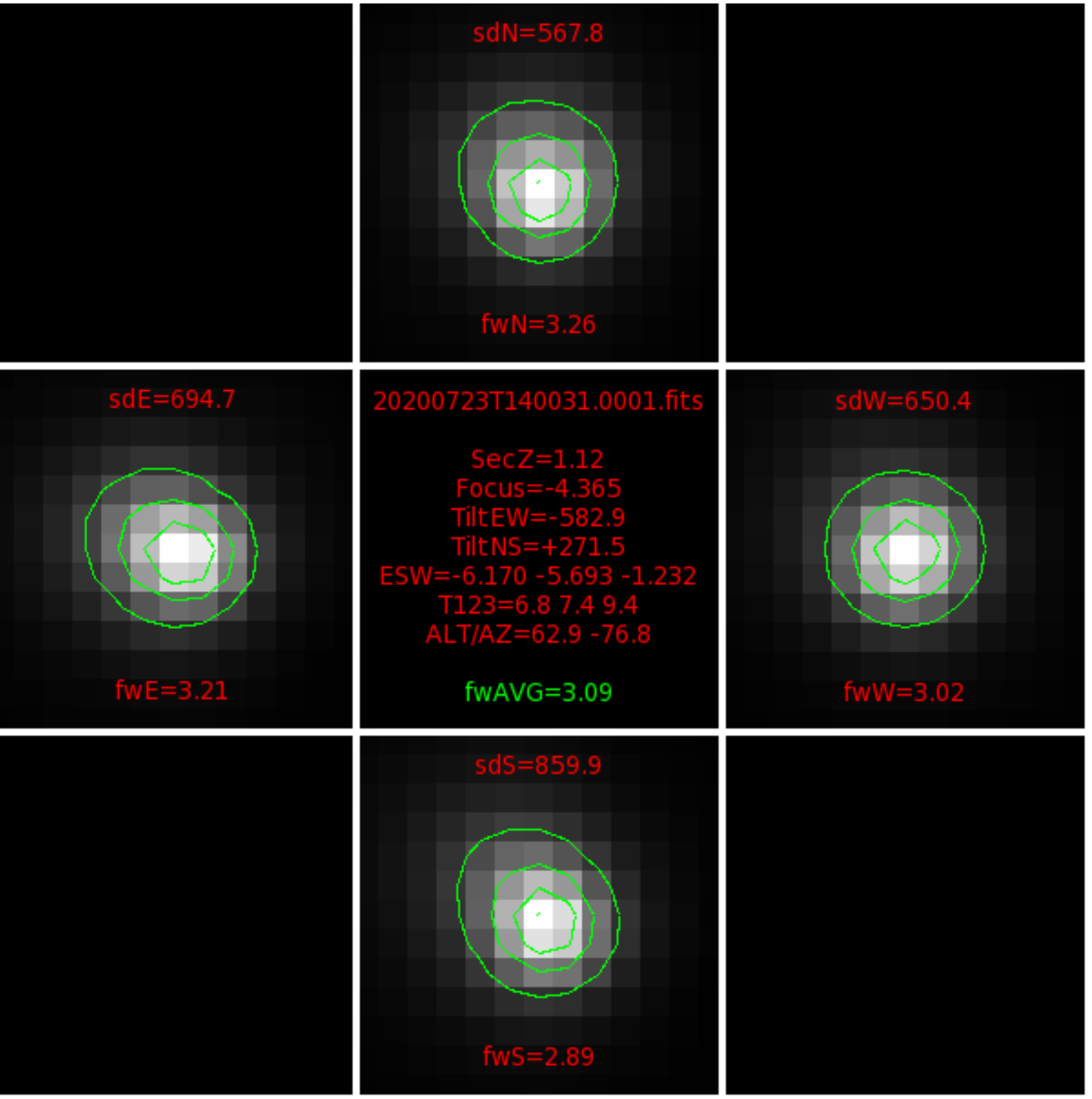
sdN=567.8
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sdE=694.7
fwE=3.21
20200723T140031.0001.fits
SecZ=1.12
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.4 9.4
ALT/AZ=62.9 -76.8
fwAVG=3.09
sdW=650.4
fwW=3.02
sdS=859.9
fwS=2.89
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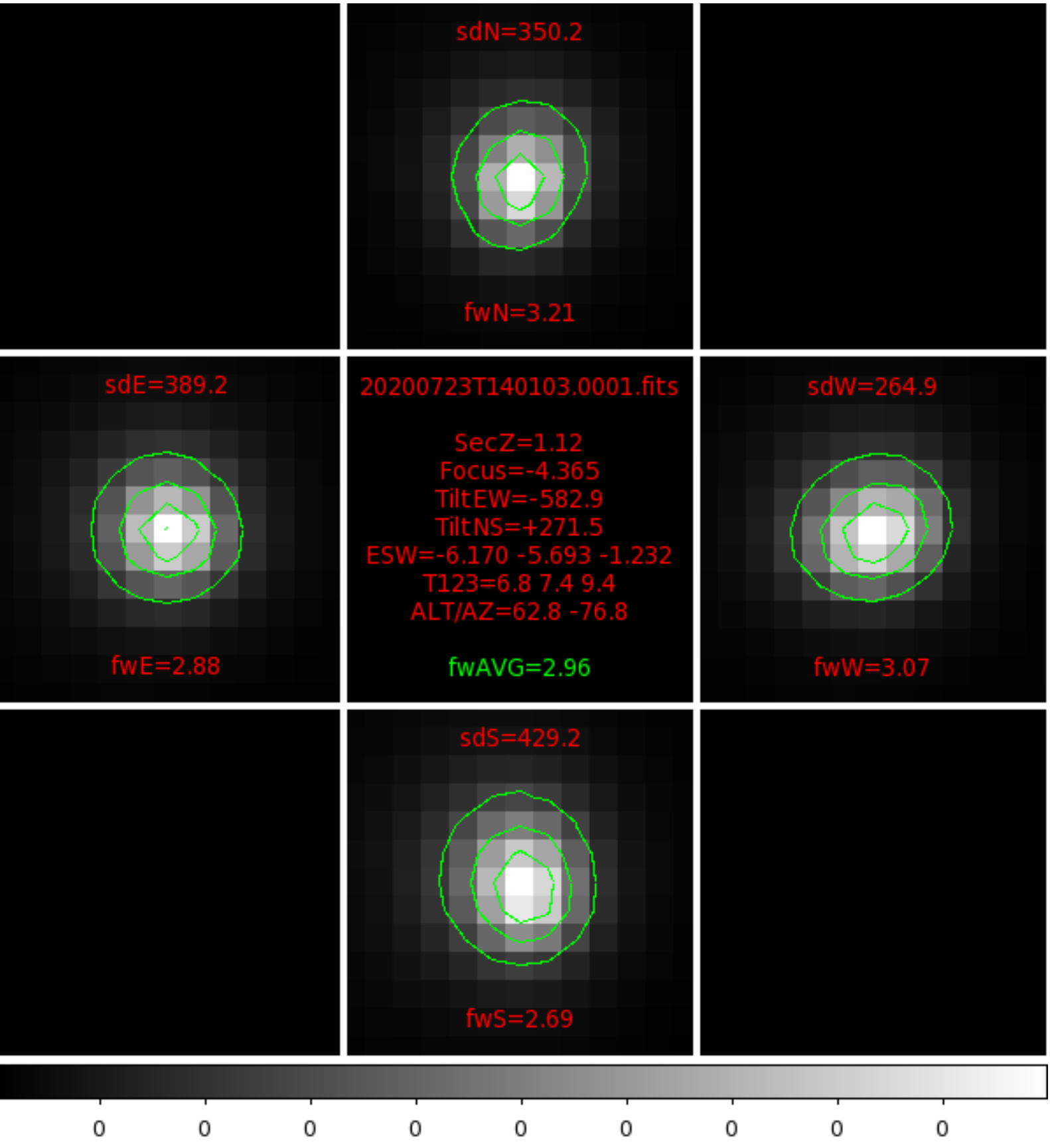
sdN=350.2
fwN=3.21
sdE=389.2
fwE=2.88
20200723T140103.0001.fits
SecZ=1.12
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.4 9.4
ALT/AZ=62.8 -76.8
fwAVG=2.96
sdW=264.9
fwW=3.07
sdS=429.2
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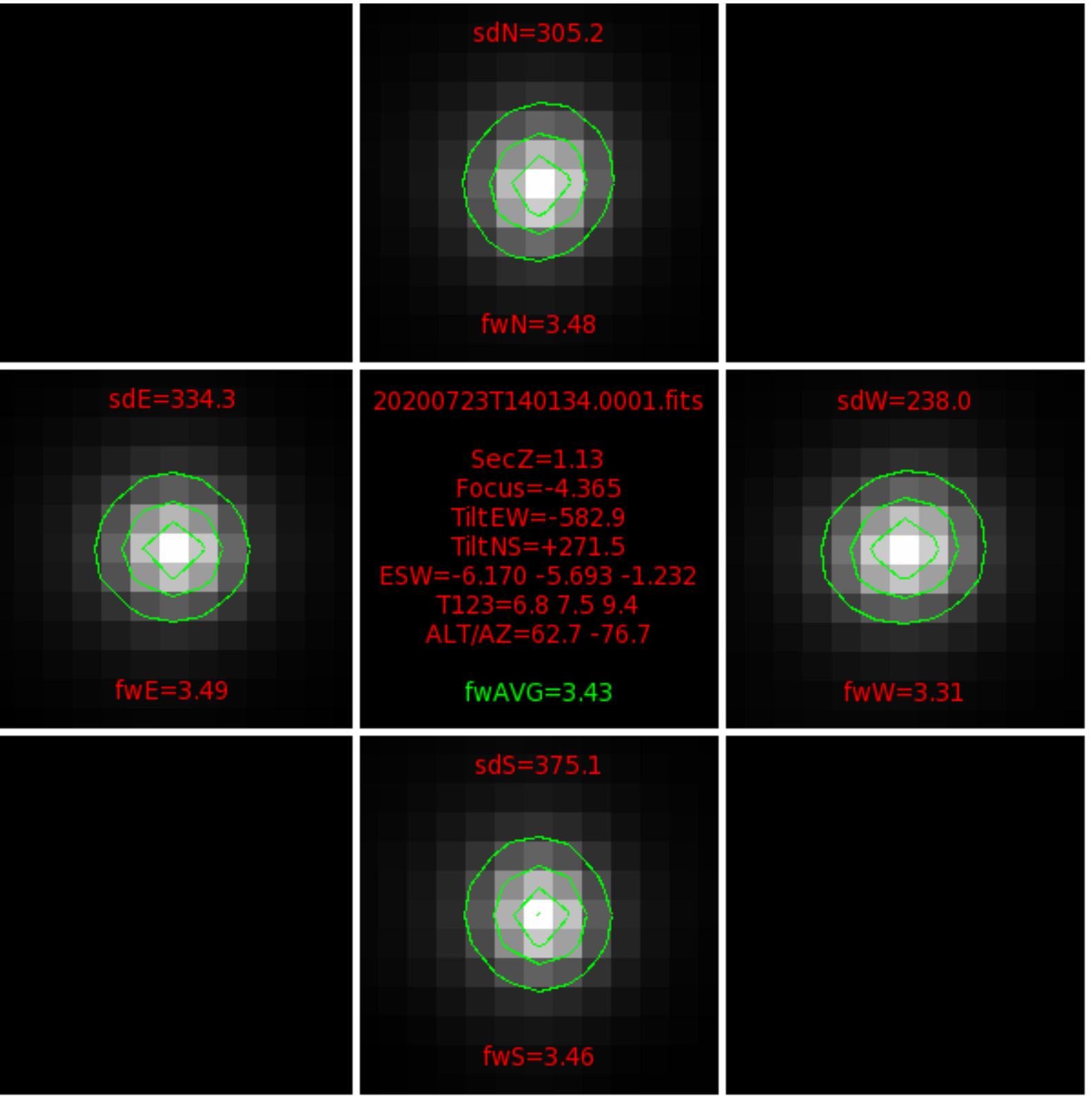
sdN=305.2
fwN=3.48
sdE=334.3
fwE=3.49
20200723T140134.0001.fits
SecZ=1.13
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=62.7 -76.7
fwAVG=3.43
sdW=238.0
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sdS=375.1
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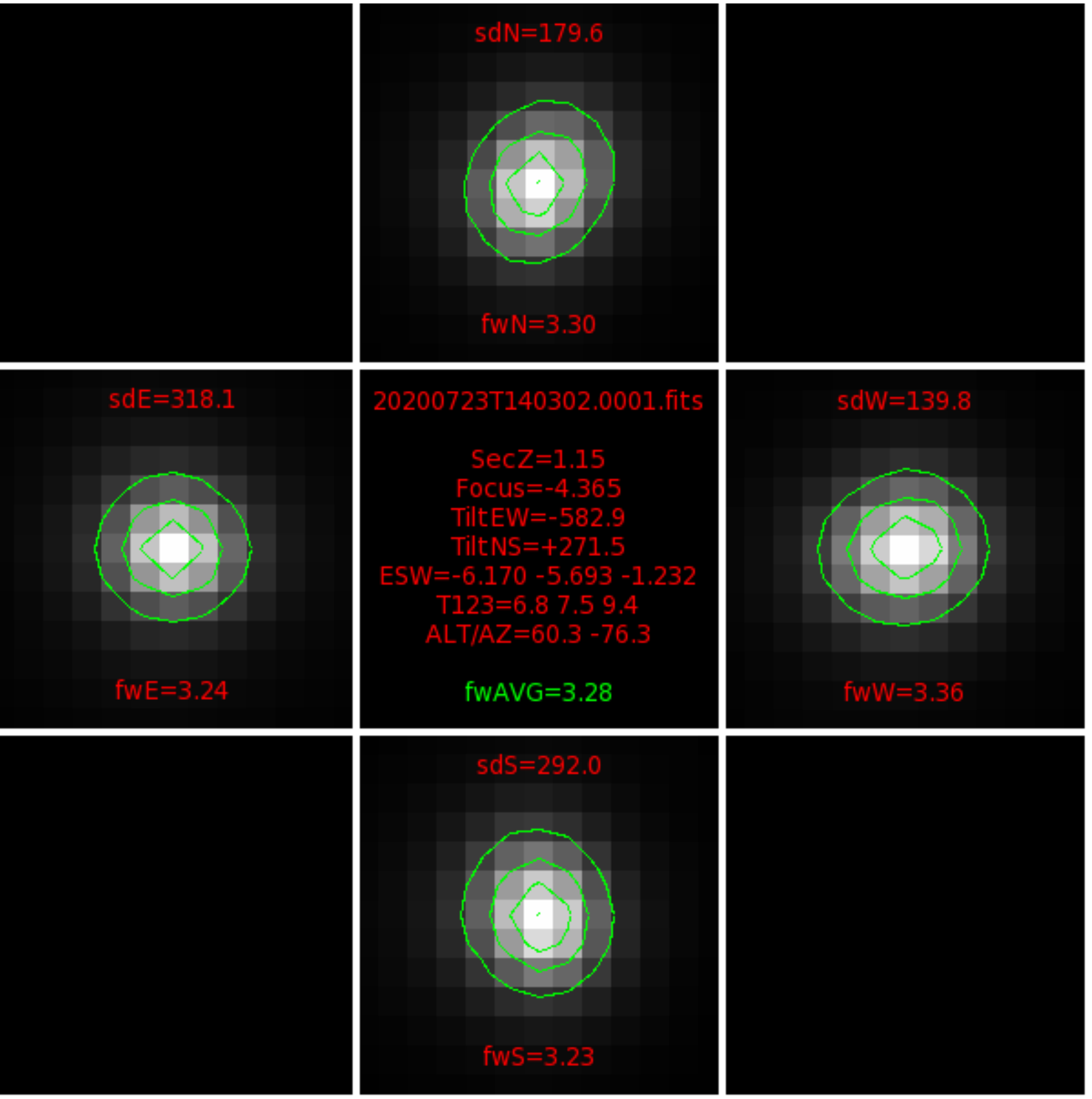
sdN=179.6
fwN=3.30
sdE=318.1
fwE=3.24
20200723T140302.0001.fits
SecZ=1.15
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=60.3 -76.3
fwAVG=3.28
sdW=139.8
fwW=3.36
sdS=292.0
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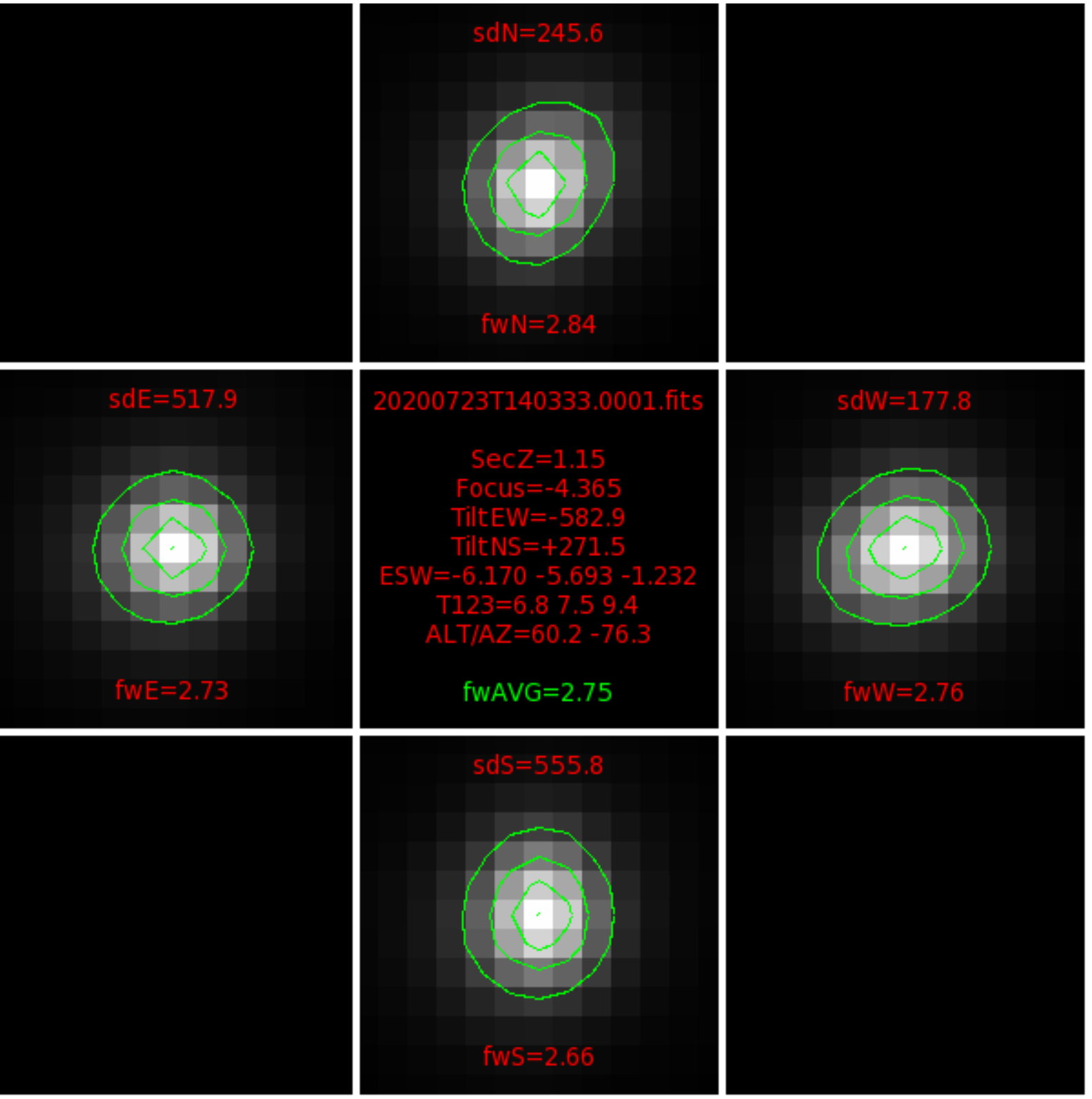
sdN=245.6
fwN=2.84
sdE=517.9
fwE=2.73
20200723T140333.0001.fits
SecZ=1.15
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=60.2 -76.3
fwAVG=2.75
sdW=177.8
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sdS=555.8
fwS=2.66
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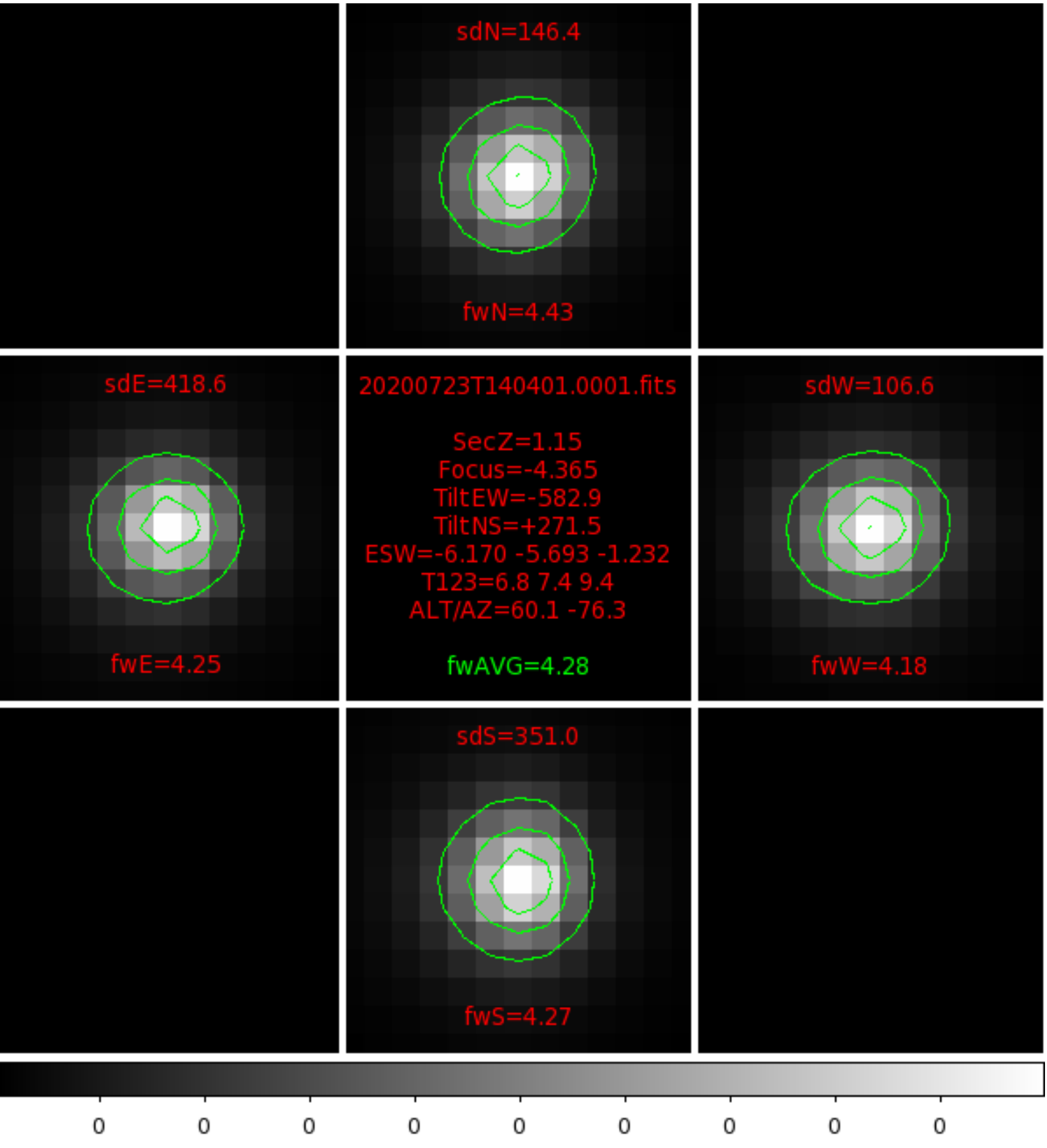
sdN=146.4
fwN=4.43
sdE=418.6
fwE=4.25
20200723T140401.0001.fits
SecZ=1.15
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.4 9.4
ALT/AZ=60.1 -76.3
fwAVG=4.28
sdW=106.6
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sdS=351.0
fwS=4.27
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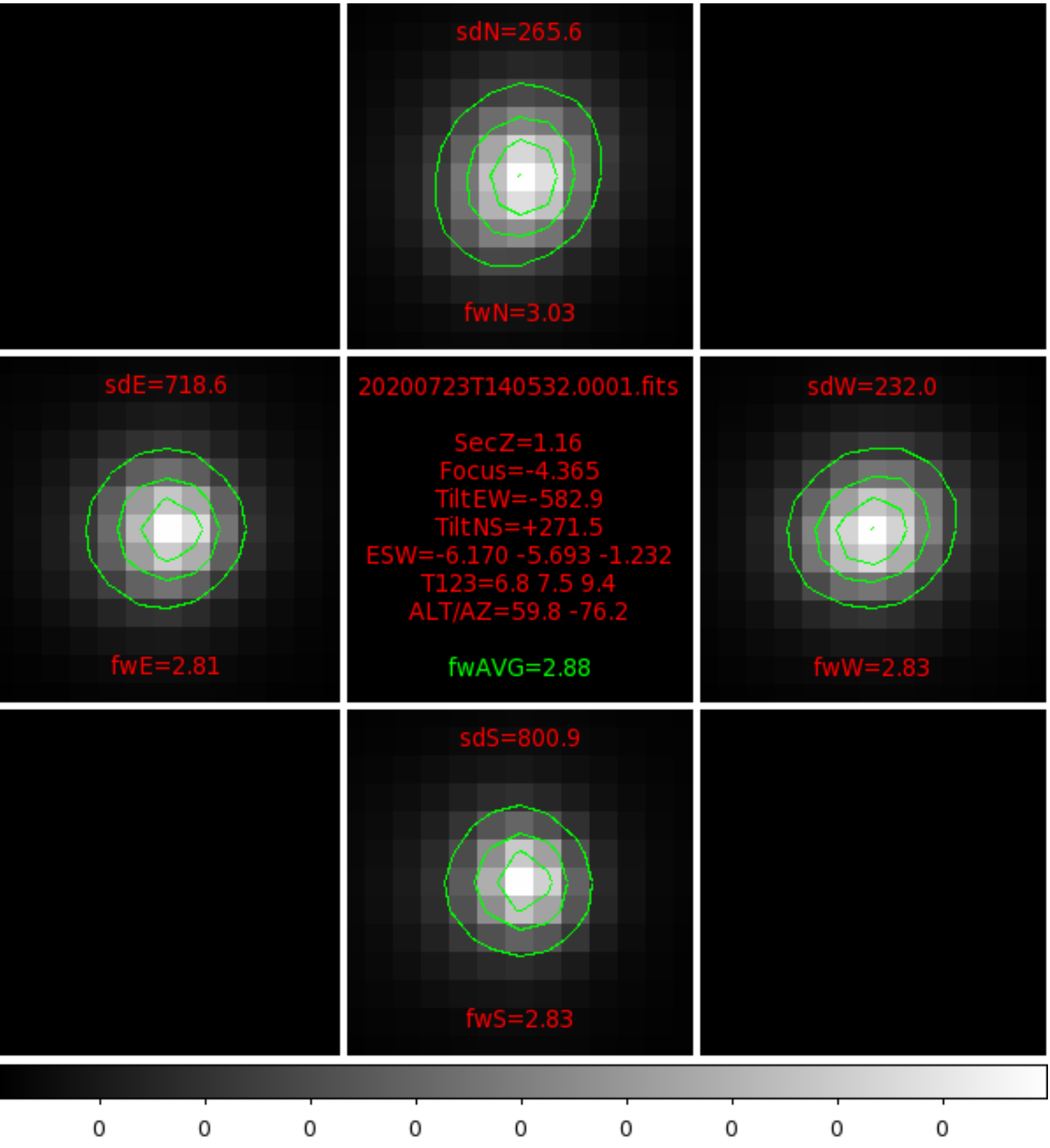
sdN=265.6
fwN=3.03
sdE=718.6
fwE=2.81
20200723T140532.0001.fits
SecZ=1.16
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.5 9.4
ALT/AZ=59.8 -76.2
fwAVG=2.88
sdW=232.0
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sdS=800.9
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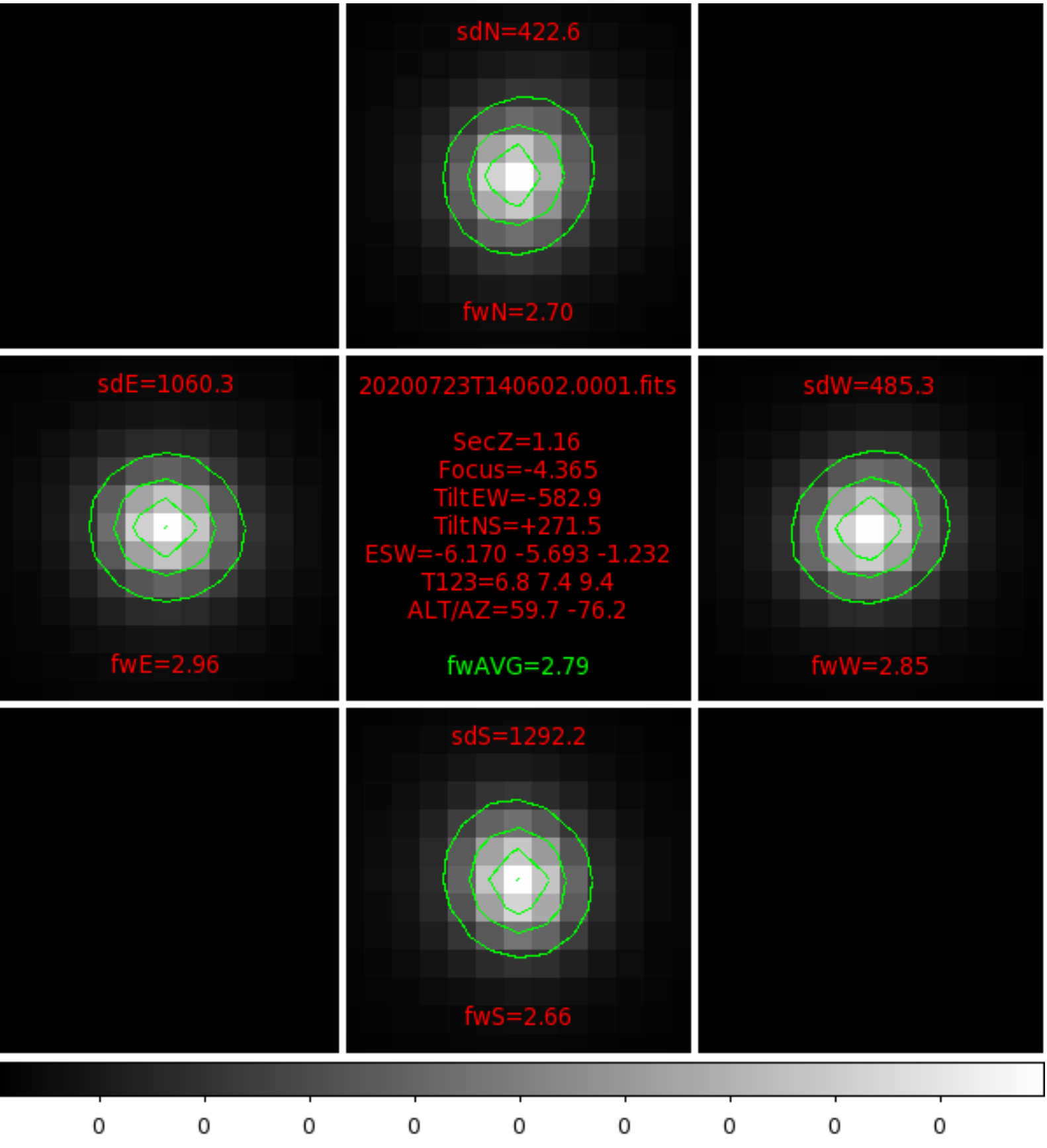
sdN=422.6
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sdE=1060.3
fwE=2.96
20200723T140602.0001.fits
SecZ=1.16
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.4 9.4
ALT/AZ=59.7 -76.2
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sdW=485.3
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sdS=1292.2
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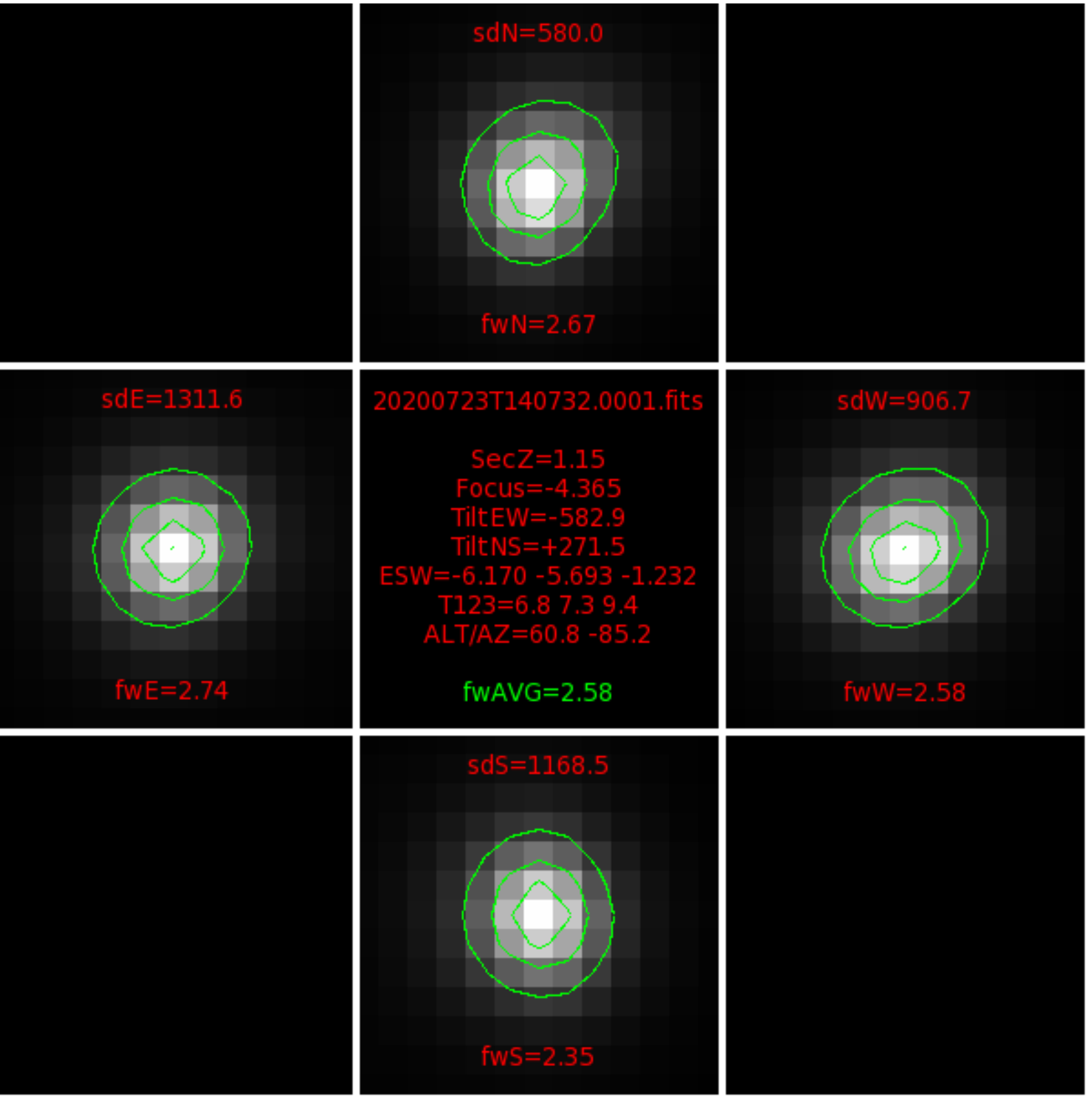
sdN=580.0
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sdE=1311.6
fwE=2.74
20200723T140732.0001.fits
SecZ=1.15
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.8 7.3 9.4
ALT/AZ=60.8 -85.2
fwAVG=2.58
sdW=906.7
fwW=2.58
sdS=1168.5
fwS=2.35
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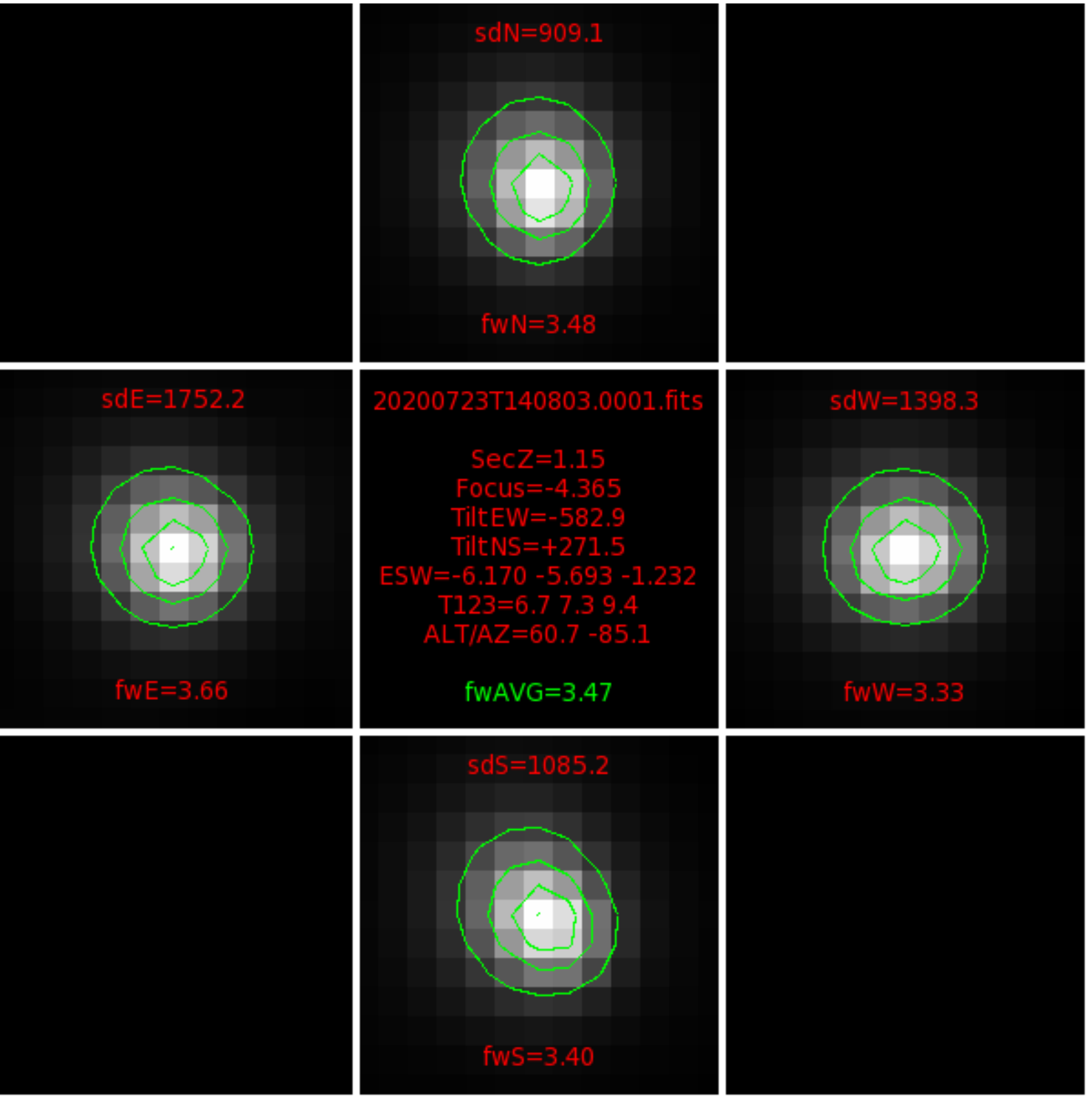
sdN=909.1
fwN=3.48
sdE=1752.2
fwE=3.66
20200723T140803.0001.fits
SecZ=1.15
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.7 7.3 9.4
ALT/AZ=60.7 -85.1
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sdW=1398.3
fwW=3.33
sdS=1085.2
fwS=3.40
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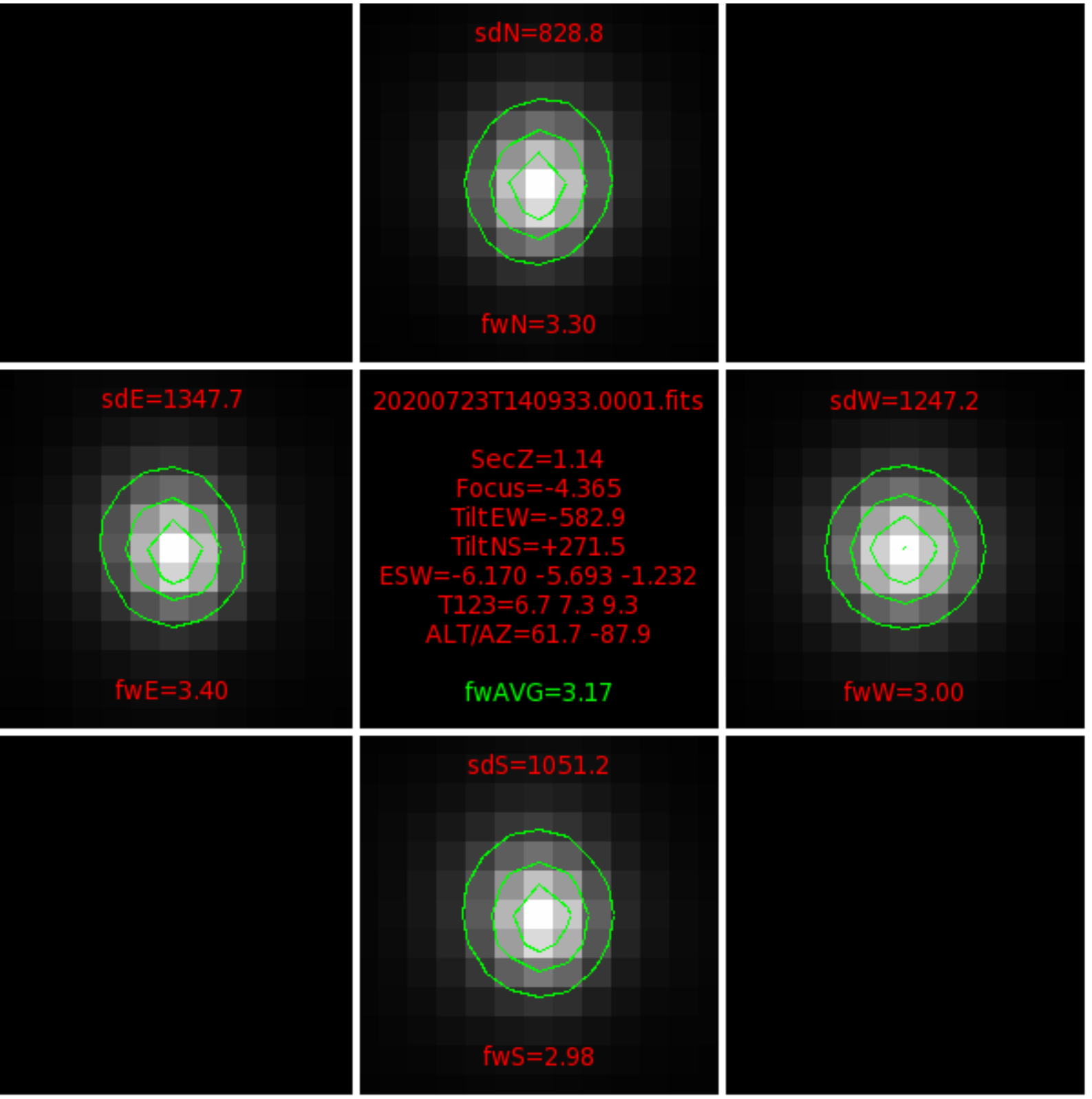
sdN=828.8
fwN=3.30
sdE=1347.7
fwE=3.40
20200723T140933.0001.fits
SecZ=1.14
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.7 7.3 9.3
ALT/AZ=61.7 -87.9
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sdW=1247.2
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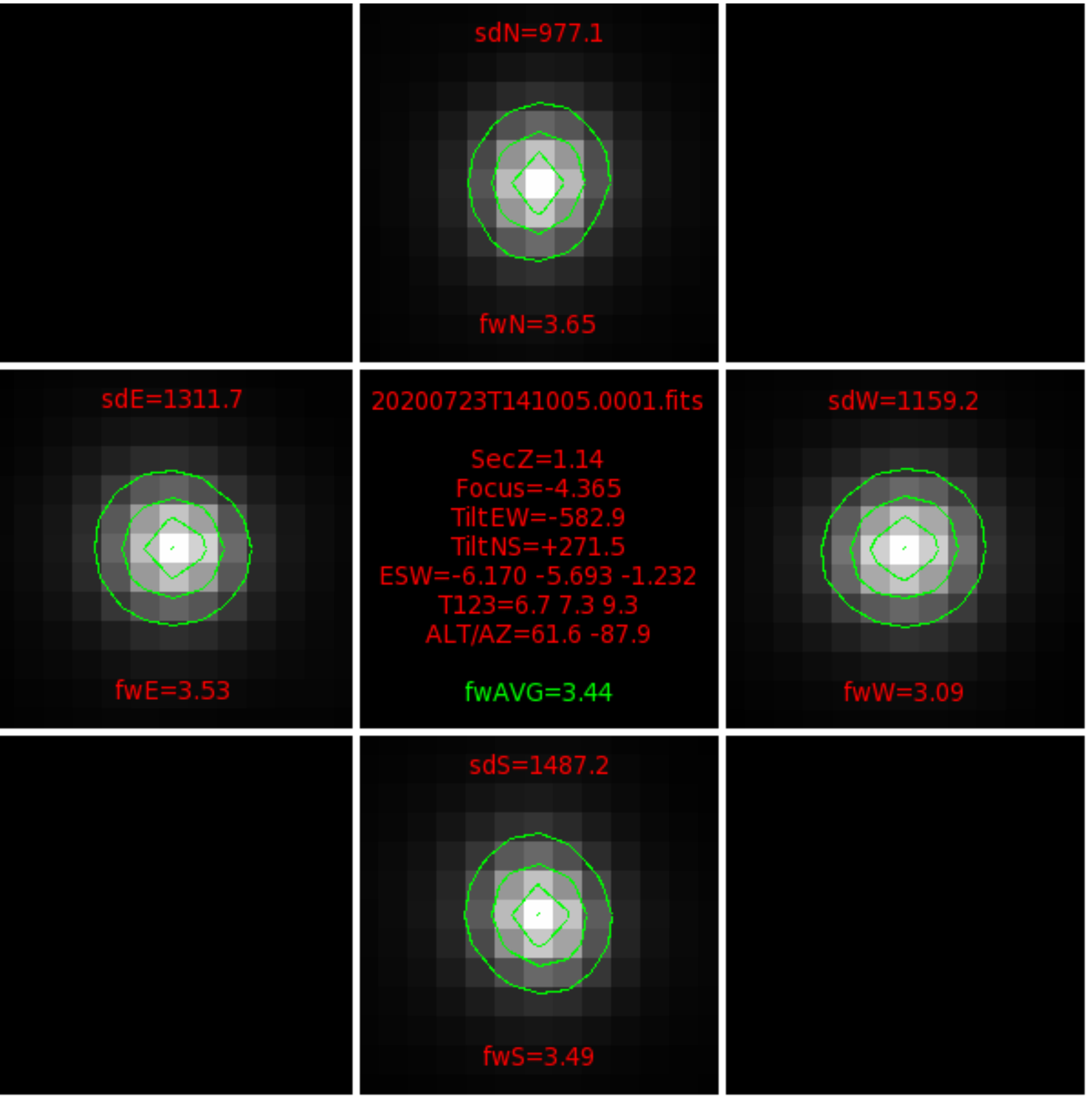
sdN=977.1
fwN=3.65
sdE=1311.7
fwE=3.53
20200723T141005.0001.fits
SecZ=1.14
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.7 7.3 9.3
ALT/AZ=61.6 -87.9
fwAVG=3.44
sdW=1159.2
fwW=3.09
sdS=1487.2
fwS=3.49
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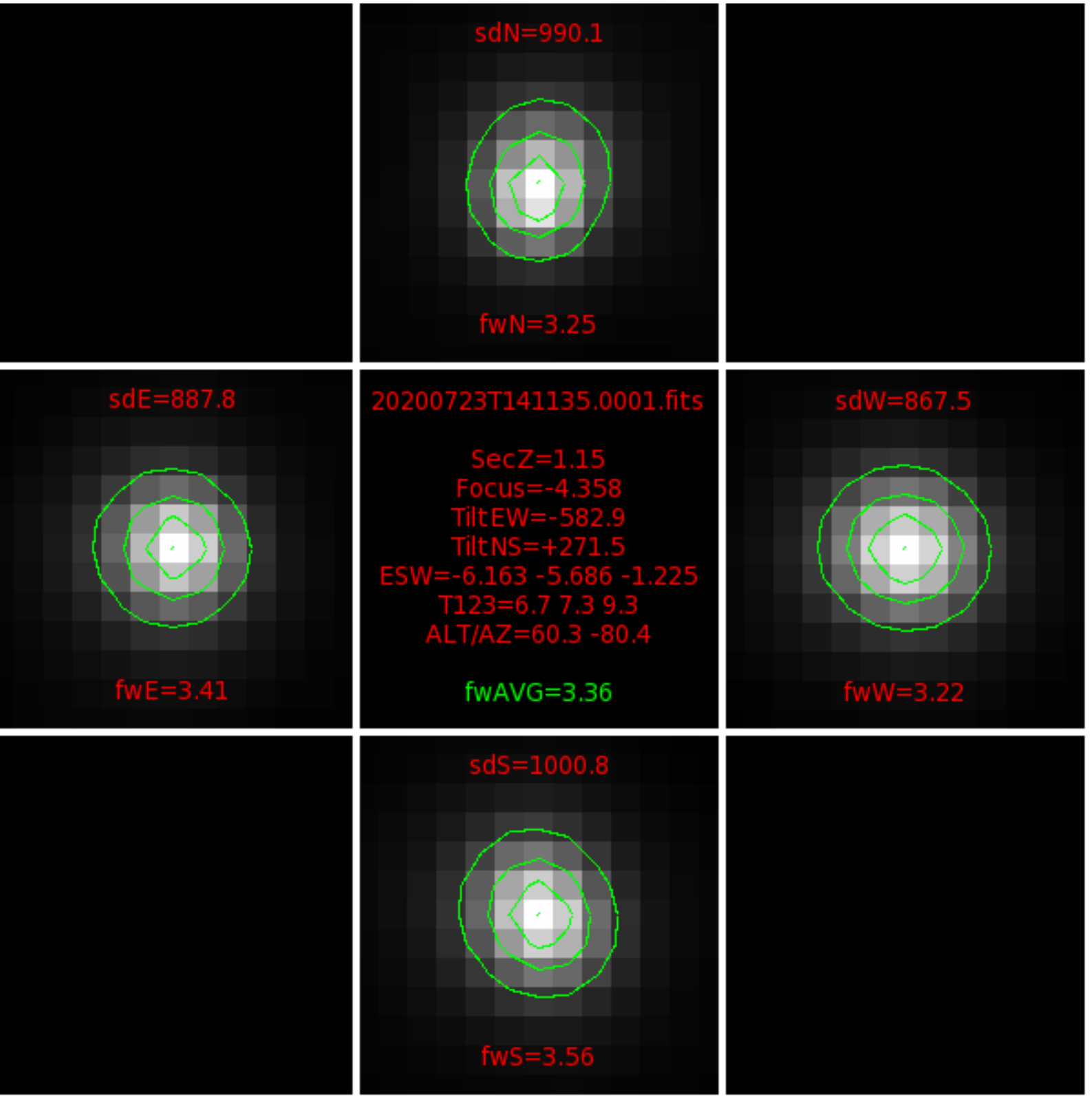
sdN=990.1
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fwE=3.41
20200723T141135.0001.fits
SecZ=1.15
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.7 7.3 9.3
ALT/AZ=60.3 -80.4
fwAVG=3.36
sdW=867.5
fwW=3.22
sdS=1000.8
fwS=3.56
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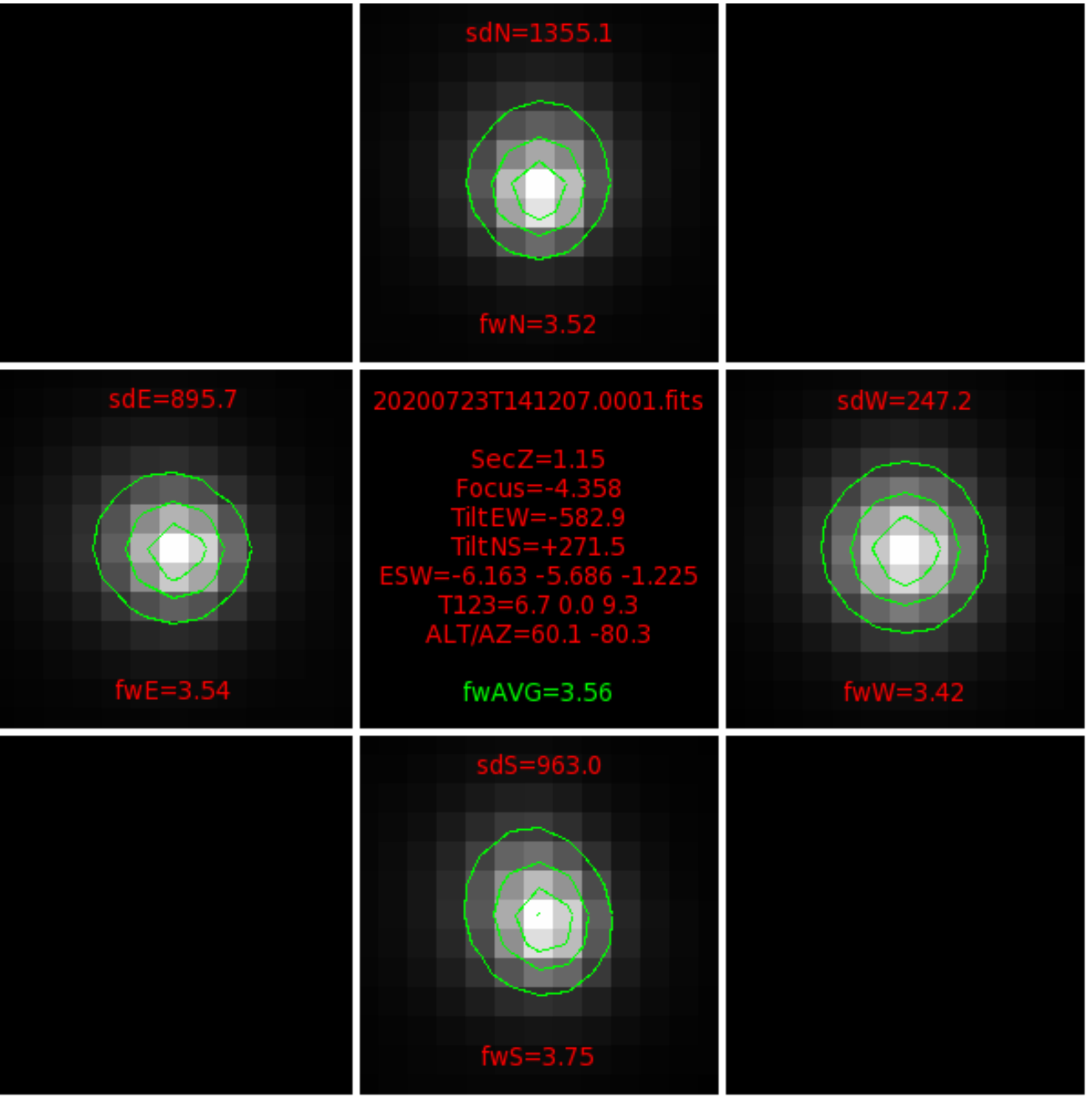
sdN=1355.1
fwN=3.52
sdE=895.7
fwE=3.54
20200723T141207.0001.fits
SecZ=1.15
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.7 0.0 9.3
ALT/AZ=60.1 -80.3
fwAVG=3.56
sdW=247.2
fwW=3.42
sdS=963.0
fwS=3.75
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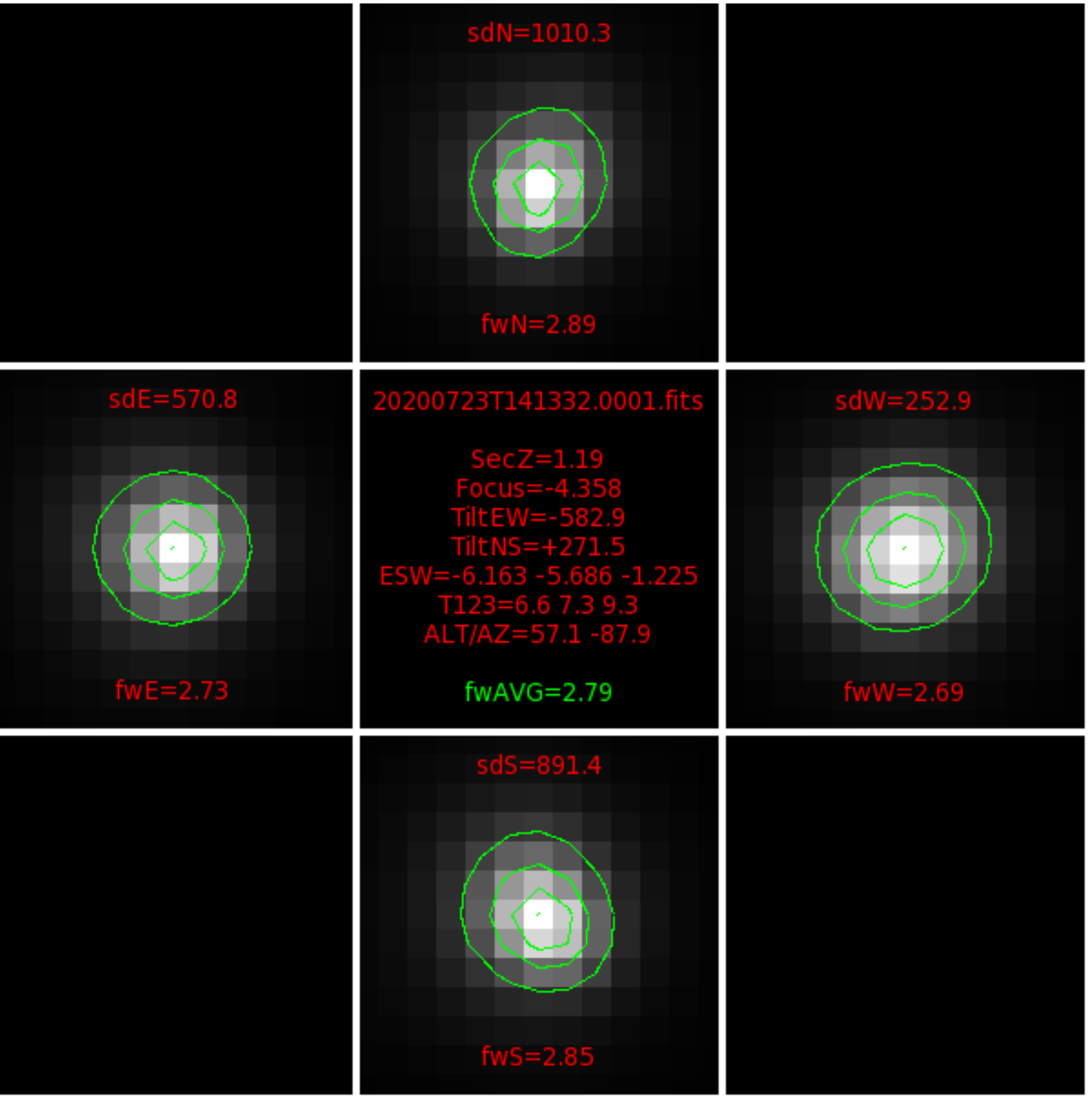
sdN=1010.3
fwN=2.89
sdE=570.8
fwE=2.73
20200723T141332.0001.fits
SecZ=1.19
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.6 7.3 9.3
ALT/AZ=57.1 -87.9
fwAVG=2.79
sdW=252.9
fwW=2.69
sdS=891.4
fwS=2.85
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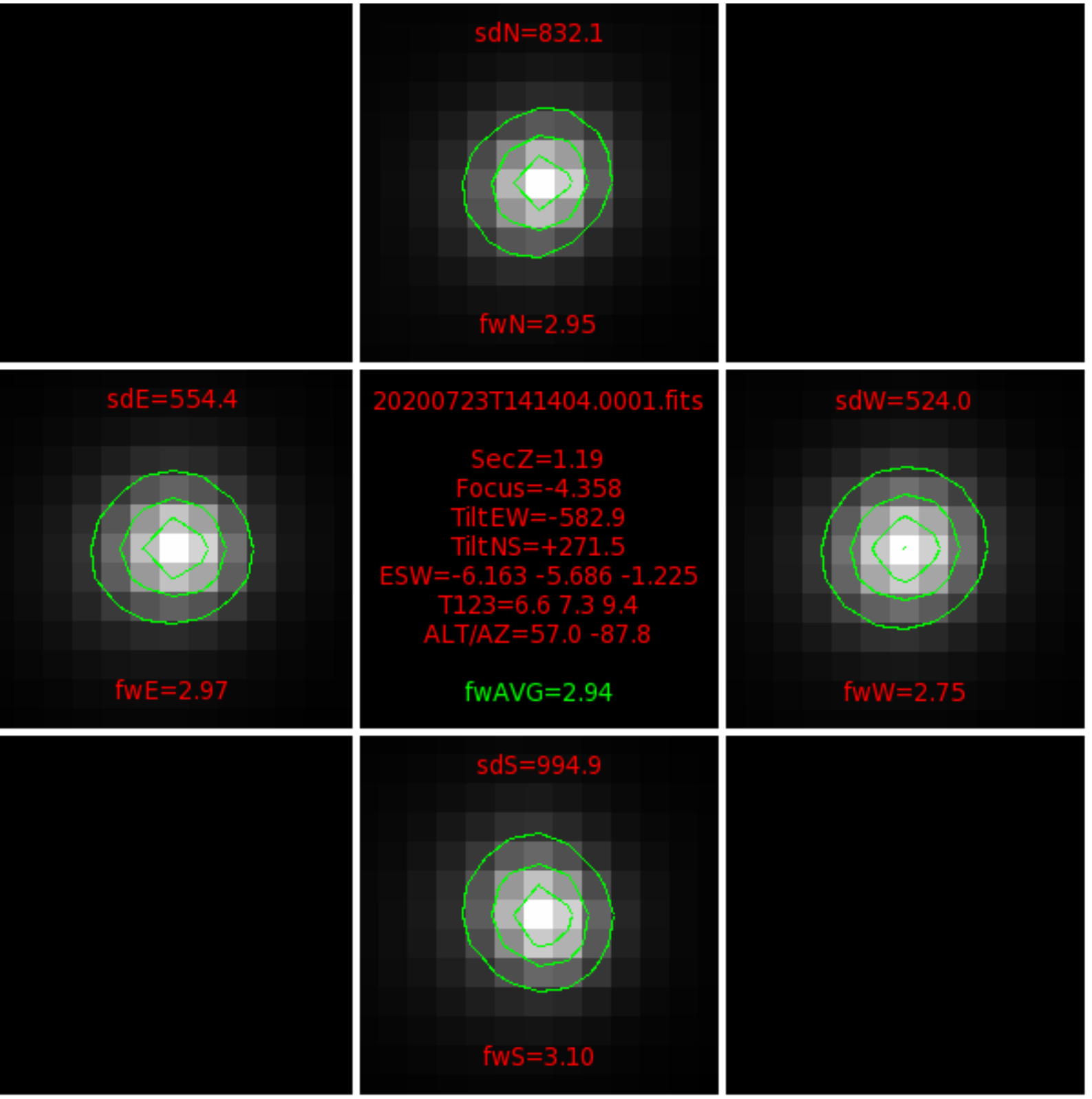
sdN=832.1
fwN=2.95
sdE=554.4
fwE=2.97
20200723T141404.0001.fits
SecZ=1.19
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.6 7.3 9.4
ALT/AZ=57.0 -87.8
fwAVG=2.94
sdW=524.0
fwW=2.75
sdS=994.9
fwS=3.10
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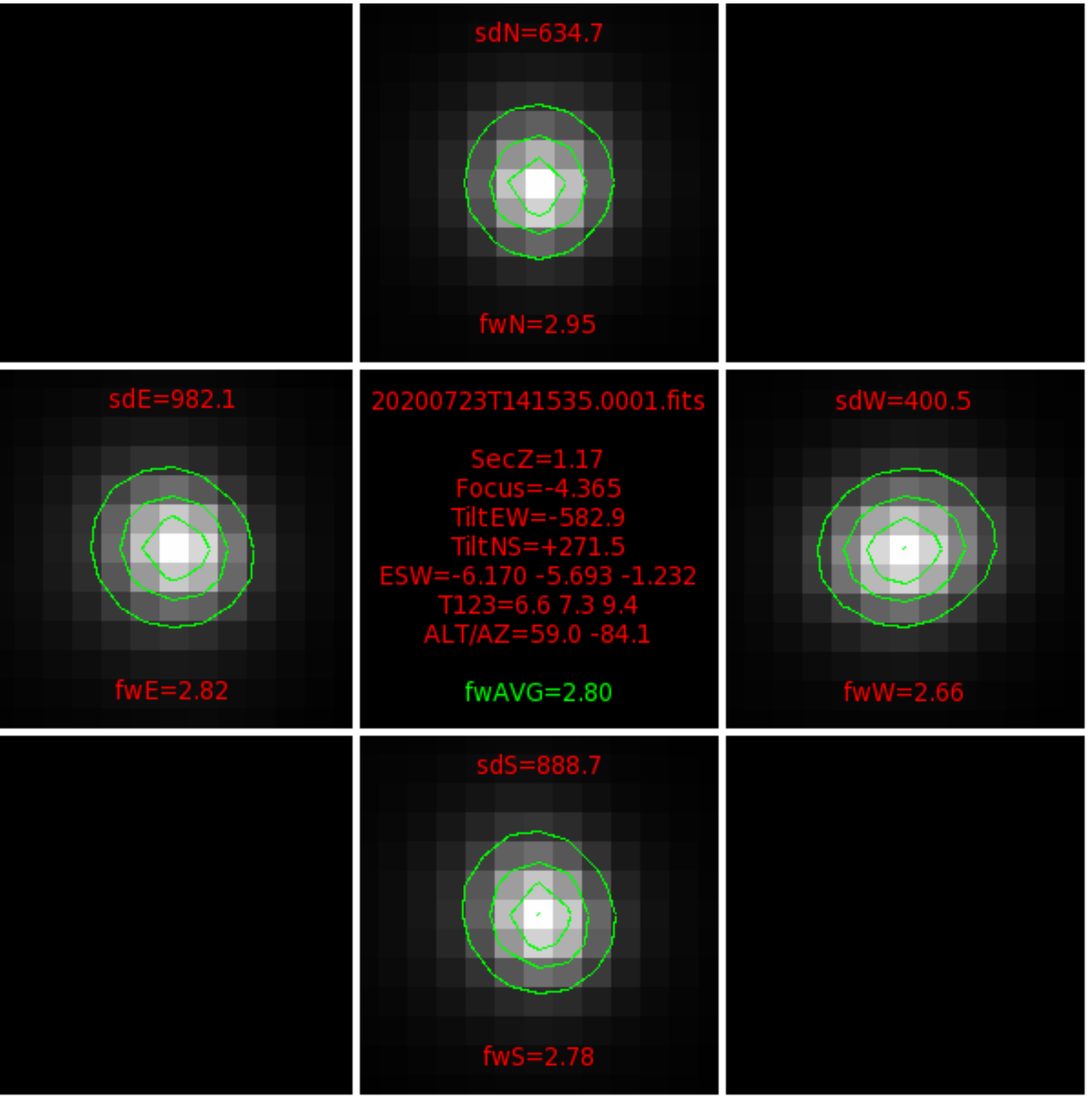
sdN=634.7
fwN=2.95
sdE=982.1
fwE=2.82
20200723T141535.0001.fits
SecZ=1.17
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.6 7.3 9.4
ALT/AZ=59.0 -84.1
fwAVG=2.80
sdW=400.5
fwW=2.66
sdS=888.7
fwS=2.78
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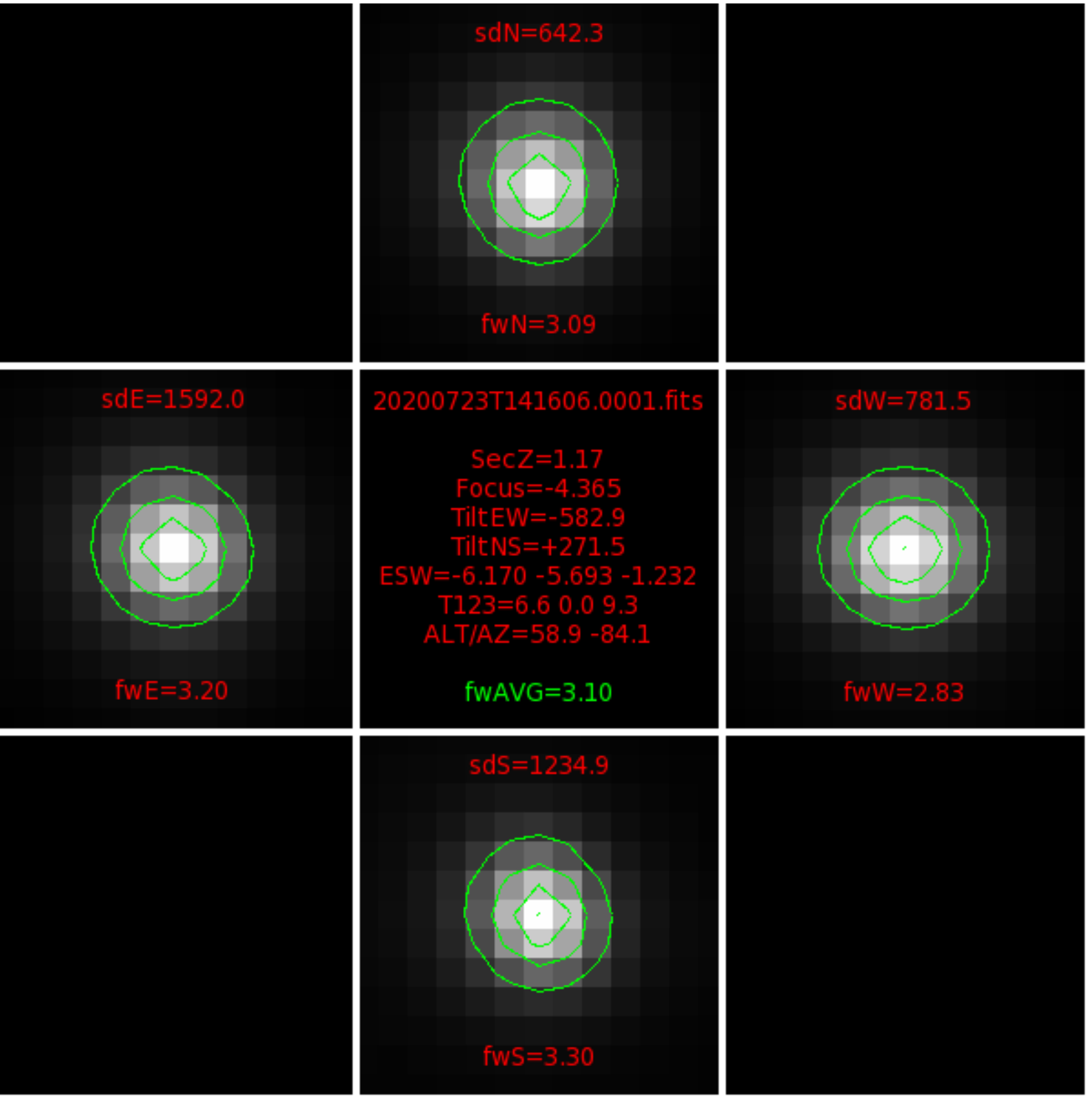
sdN=642.3
fwN=3.09
sdE=1592.0
fwE=3.20
20200723T141606.0001.fits
SecZ=1.17
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.6 0.0 9.3
ALT/AZ=58.9 -84.1
fwAVG=3.10
sdW=781.5
fwW=2.83
sdS=1234.9
fwS=3.30
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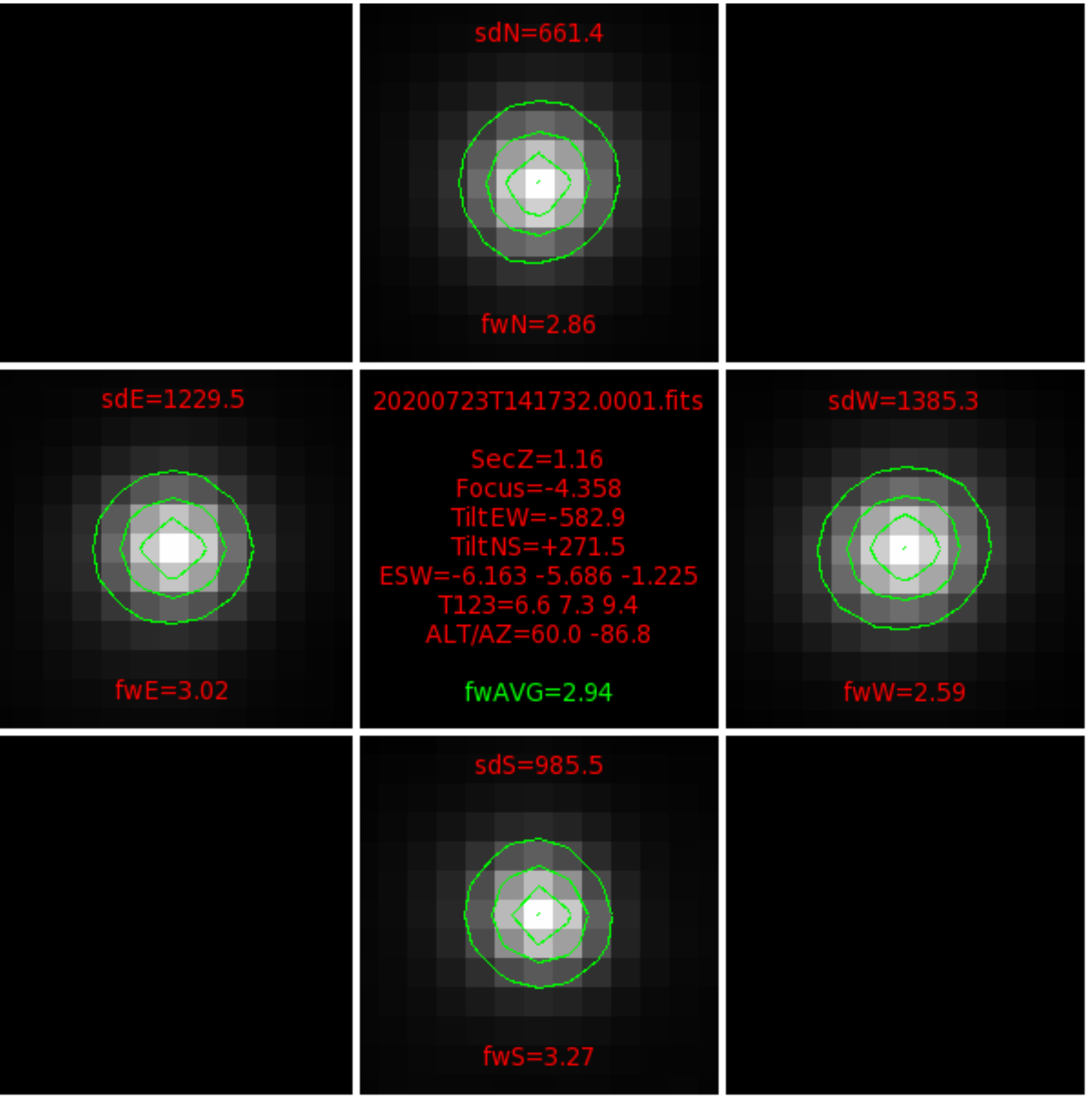
sdN=661.4
fwN=2.86
sdE=1229.5
fwE=3.02
20200723T141732.0001.fits
SecZ=1.16
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.6 7.3 9.4
ALT/AZ=60.0 -86.8
fwAVG=2.94
sdW=1385.3
fwW=2.59
sdS=985.5
fwS=3.27
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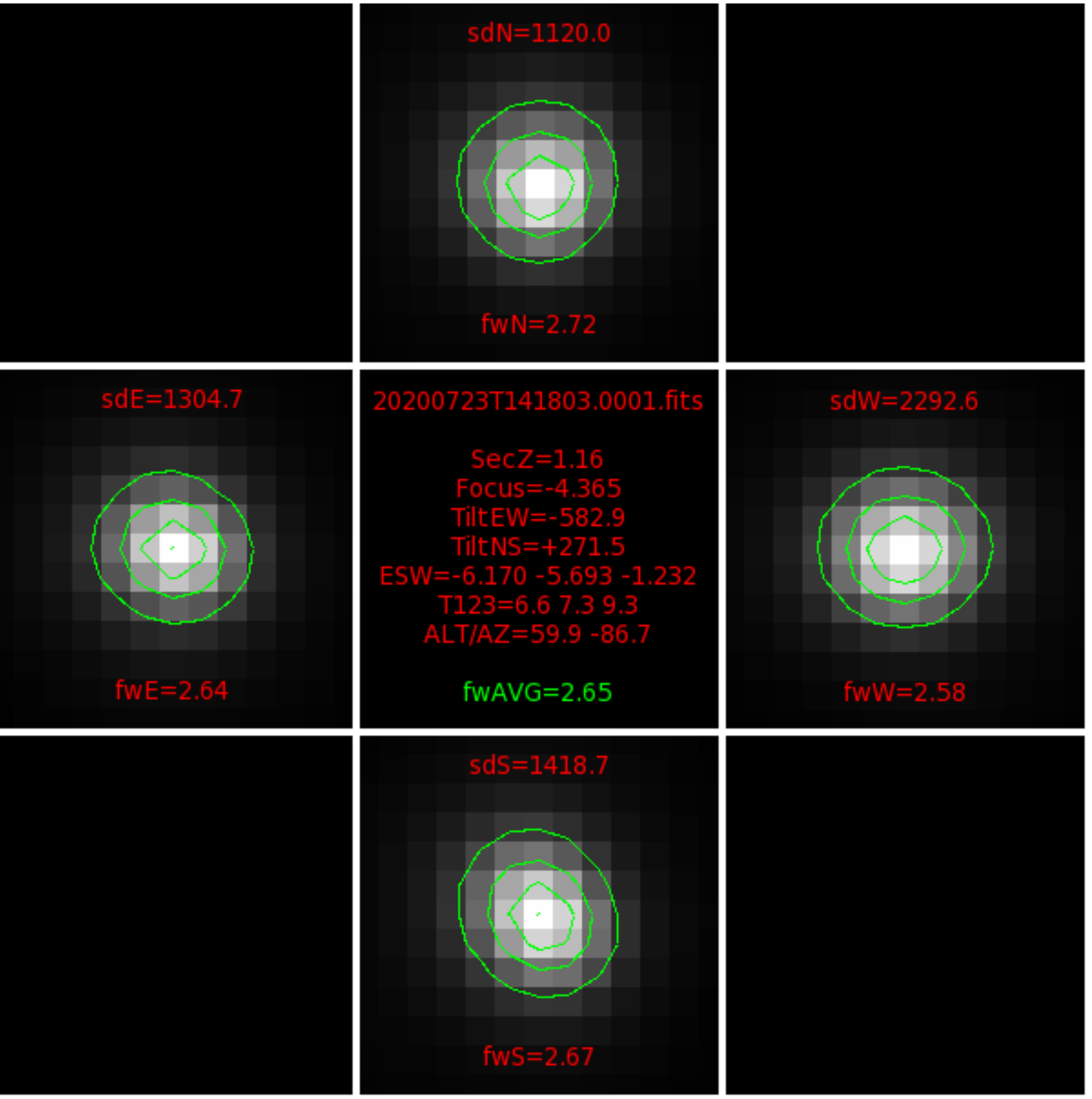
sdN=1120.0
fwN=2.72
sdE=1304.7
fwE=2.64
20200723T141803.0001.fits
SecZ=1.16
Focus=-4.365
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.170 -5.693 -1.232
T123=6.6 7.3 9.3
ALT/AZ=59.9 -86.7
fwAVG=2.65
sdW=2292.6
fwW=2.58
sdS=1418.7
fwS=2.67
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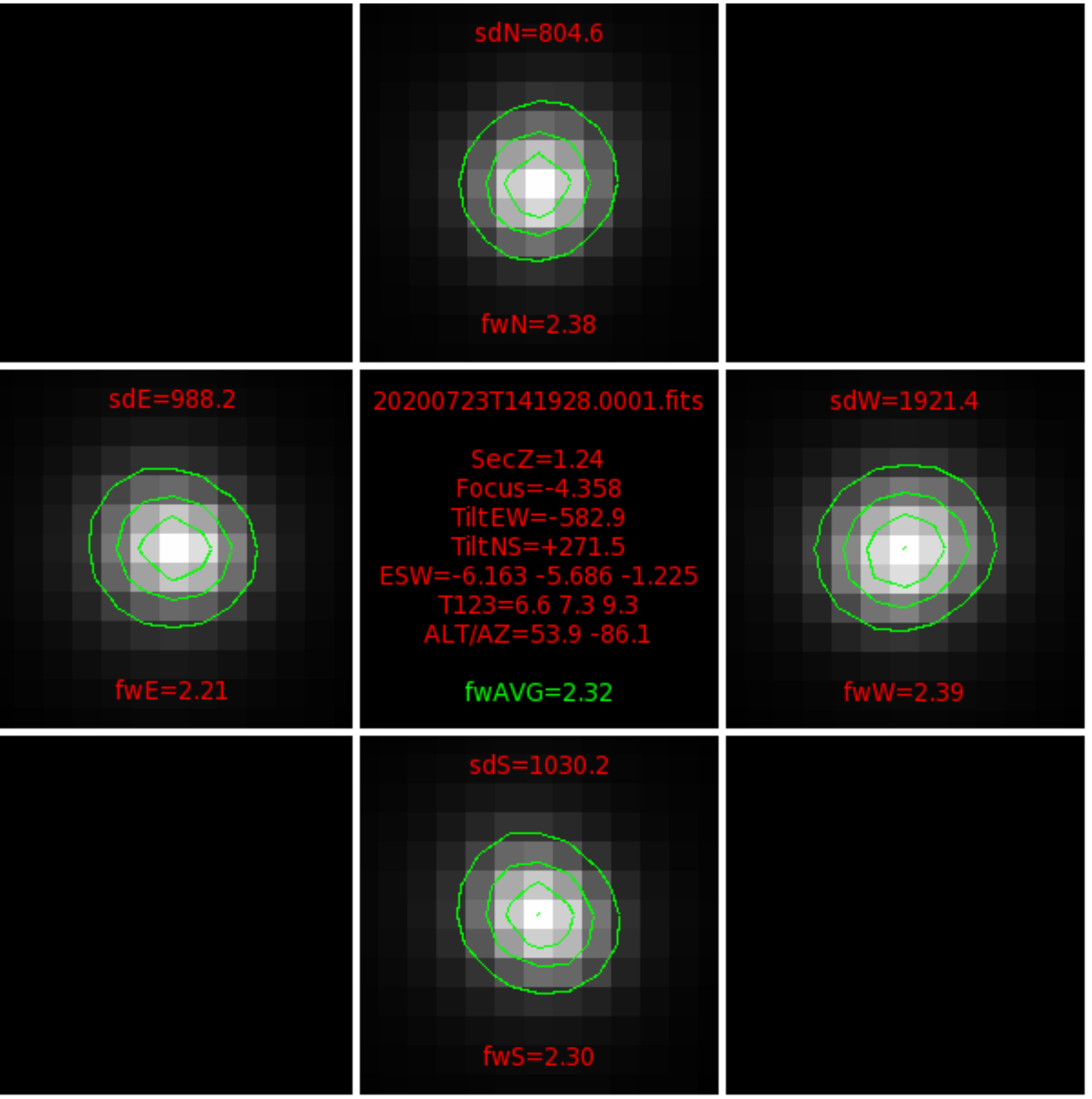
sdN=804.6
fwN=2.38
sdE=988.2
fwE=2.21
20200723T141928.0001.fits
SecZ=1.24
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.6 7.3 9.3
ALT/AZ=53.9 -86.1
fwAVG=2.32
sdW=1921.4
fwW=2.39
sdS=1030.2
fwS=2.30
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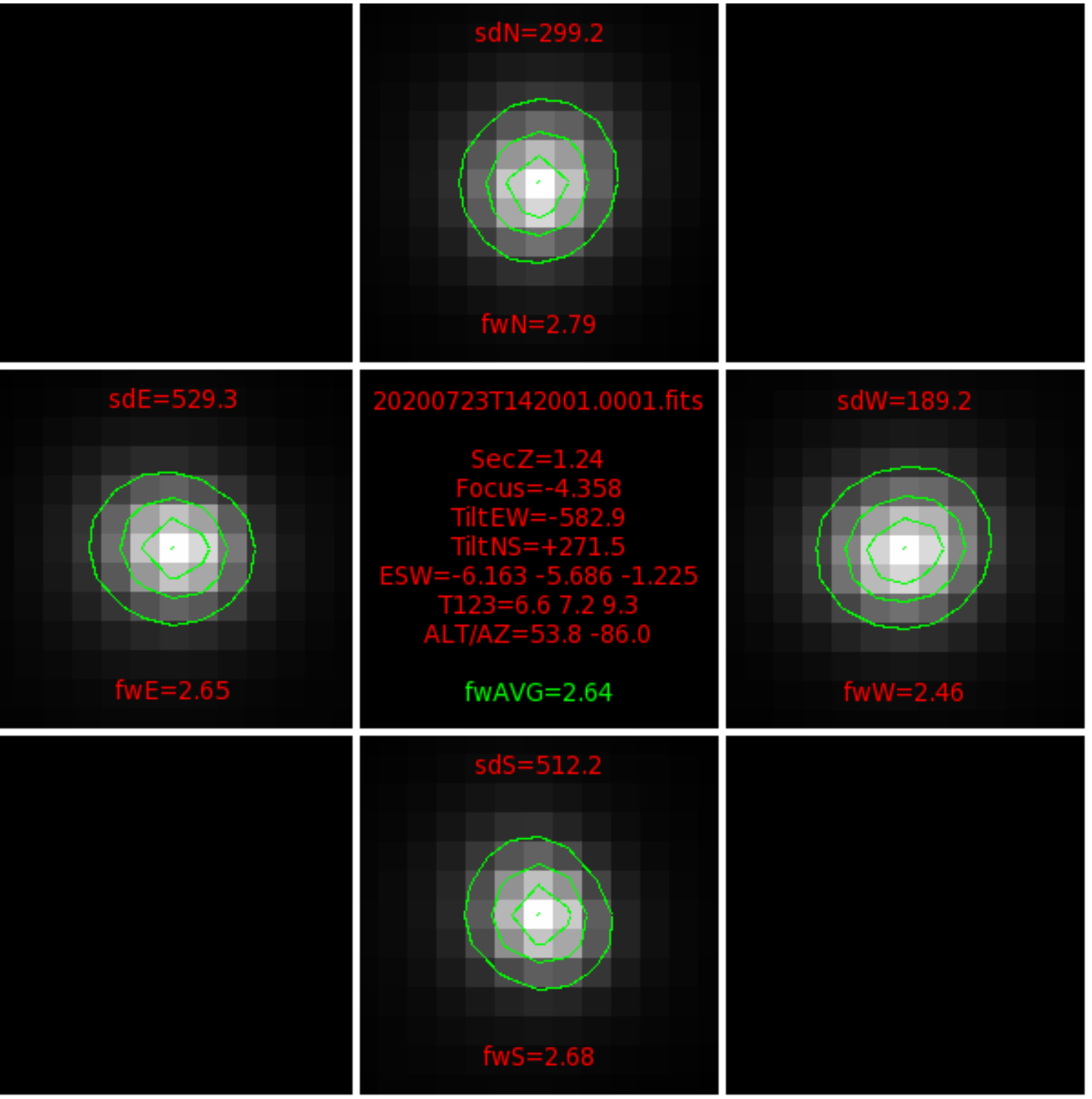
sdN=299.2
fwN=2.79
sdE=529.3
fwE=2.65
20200723T142001.0001.fits
SecZ=1.24
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.6 7.2 9.3
ALT/AZ=53.8 -86.0
fwAVG=2.64
sdW=189.2
fwW=2.46
sdS=512.2
fwS=2.68
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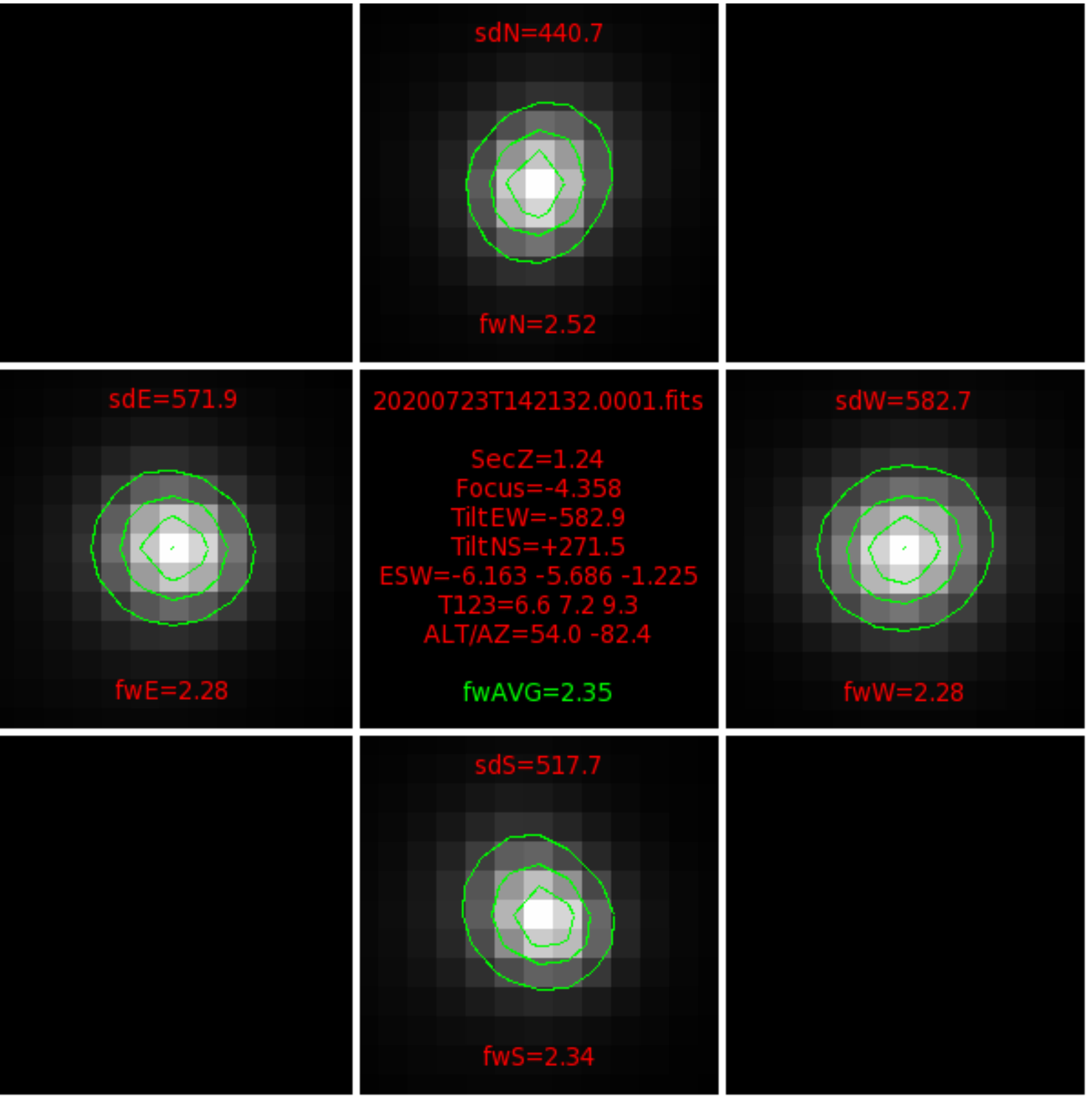
sdN=440.7
fwN=2.52
sdE=571.9
fwE=2.28
20200723T142132.0001.fits
SecZ=1.24
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.6 7.2 9.3
ALT/AZ=54.0 -82.4
fwAVG=2.35
sdW=582.7
fwW=2.28
sdS=517.7
fwS=2.34
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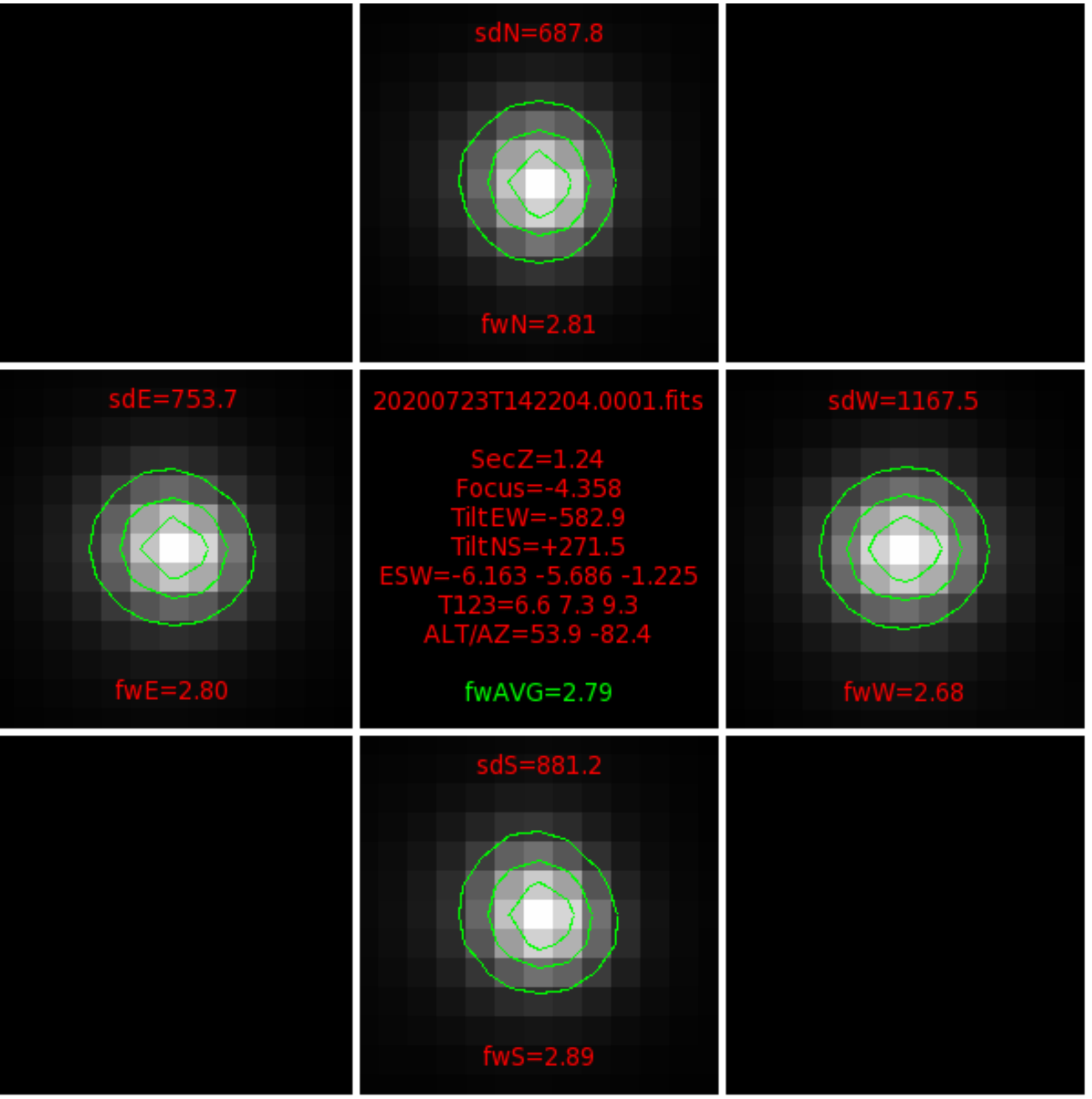
sdN=687.8
fwN=2.81
sdE=753.7
fwE=2.80
20200723T142204.0001.fits
SecZ=1.24
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.6 7.3 9.3
ALT/AZ=53.9 -82.4
fwAVG=2.79
sdW=1167.5
fwW=2.68
sdS=881.2
fwS=2.89
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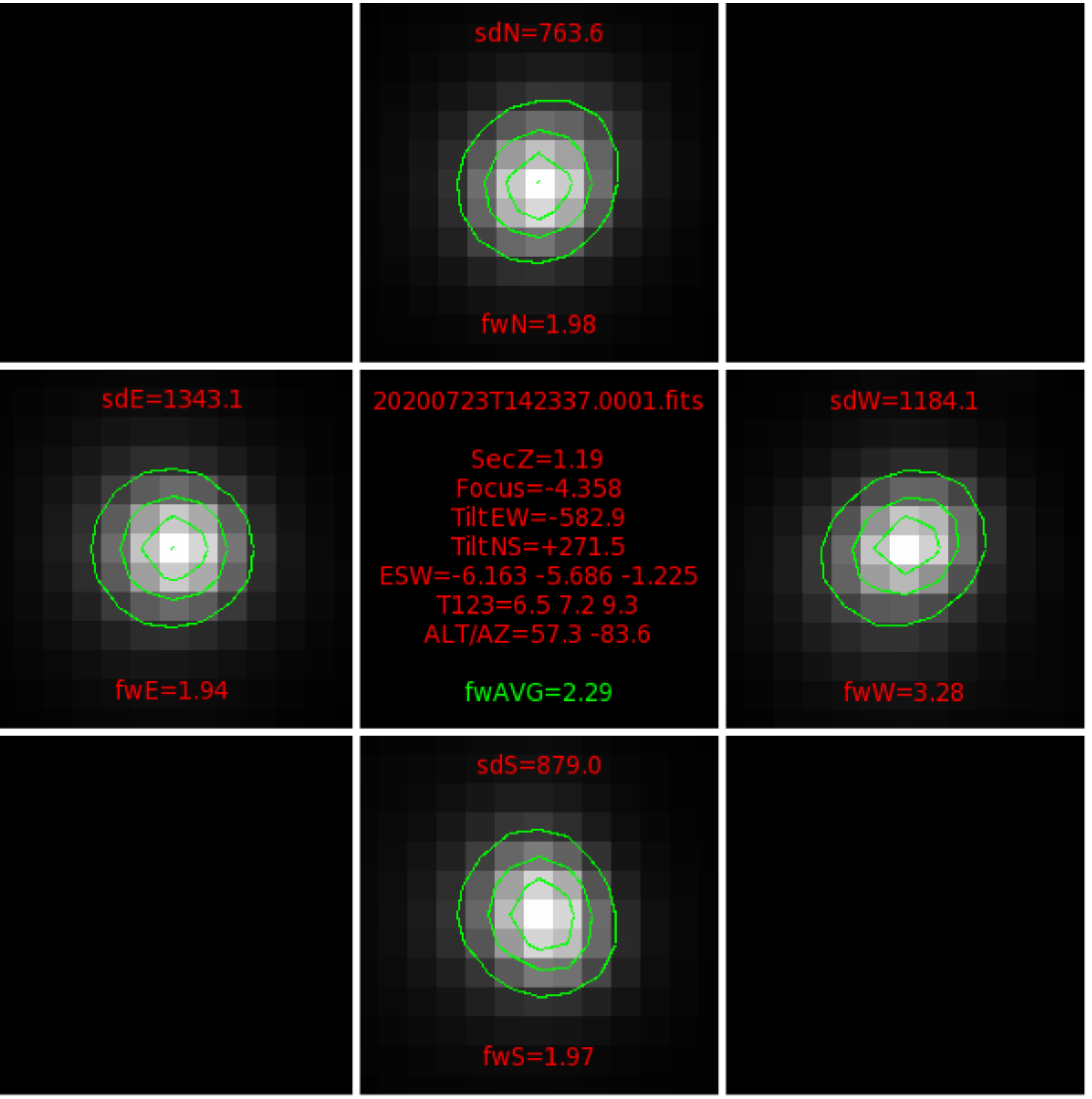
sdN=763.6
fwN=1.98
sdE=1343.1
fwE=1.94
20200723T142337.0001.fits
SecZ=1.19
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.5 7.2 9.3
ALT/AZ=57.3 -83.6
fwAVG=2.29
sdW=1184.1
fwW=3.28
sdS=879.0
fwS=1.97
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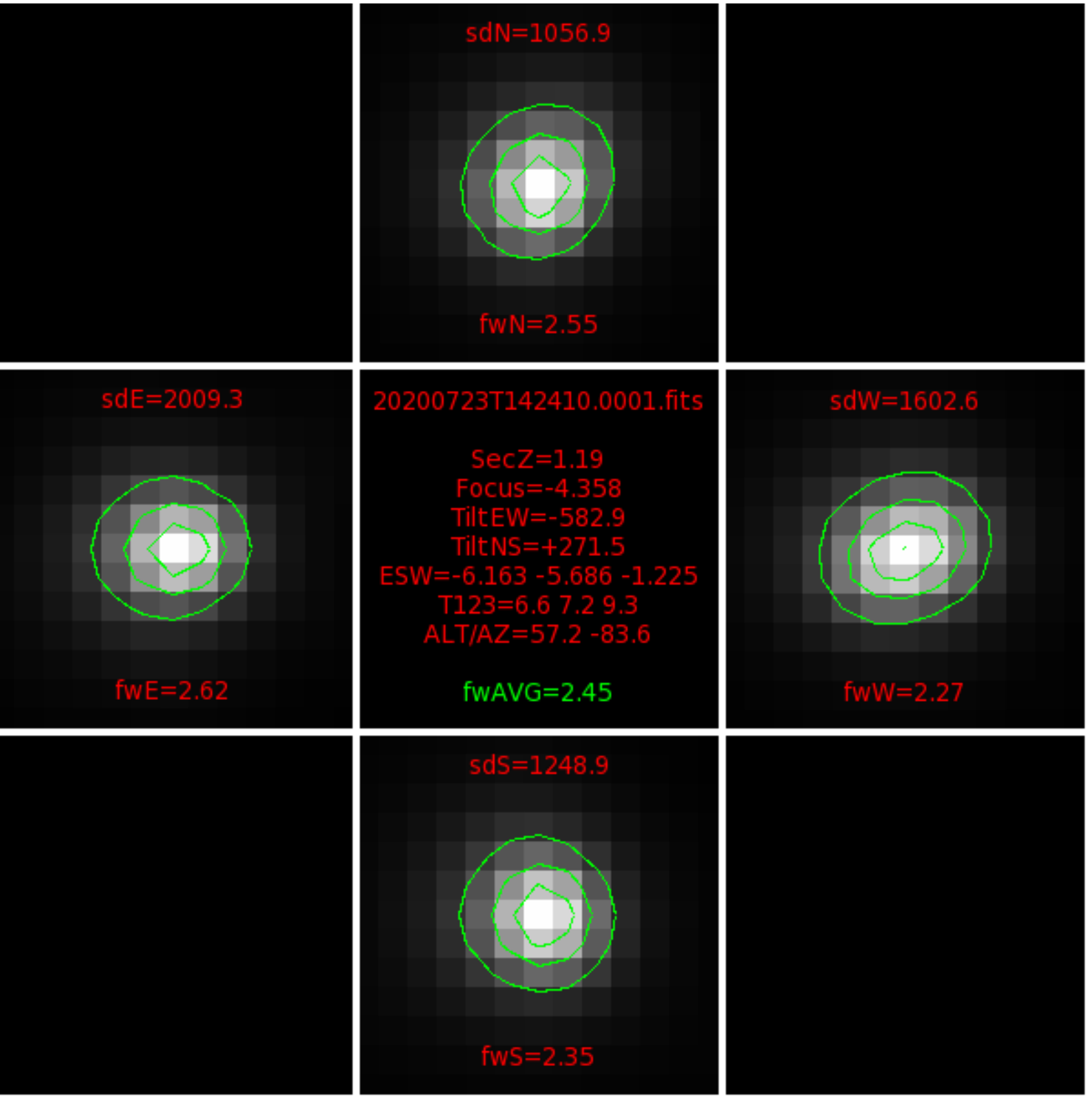
sdN=1056.9
fwN=2.55
sdE=2009.3
fwE=2.62
20200723T142410.0001.fits
SecZ=1.19
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.6 7.2 9.3
ALT/AZ=57.2 -83.6
fwAVG=2.45
sdW=1602.6
fwW=2.27
sdS=1248.9
fwS=2.35
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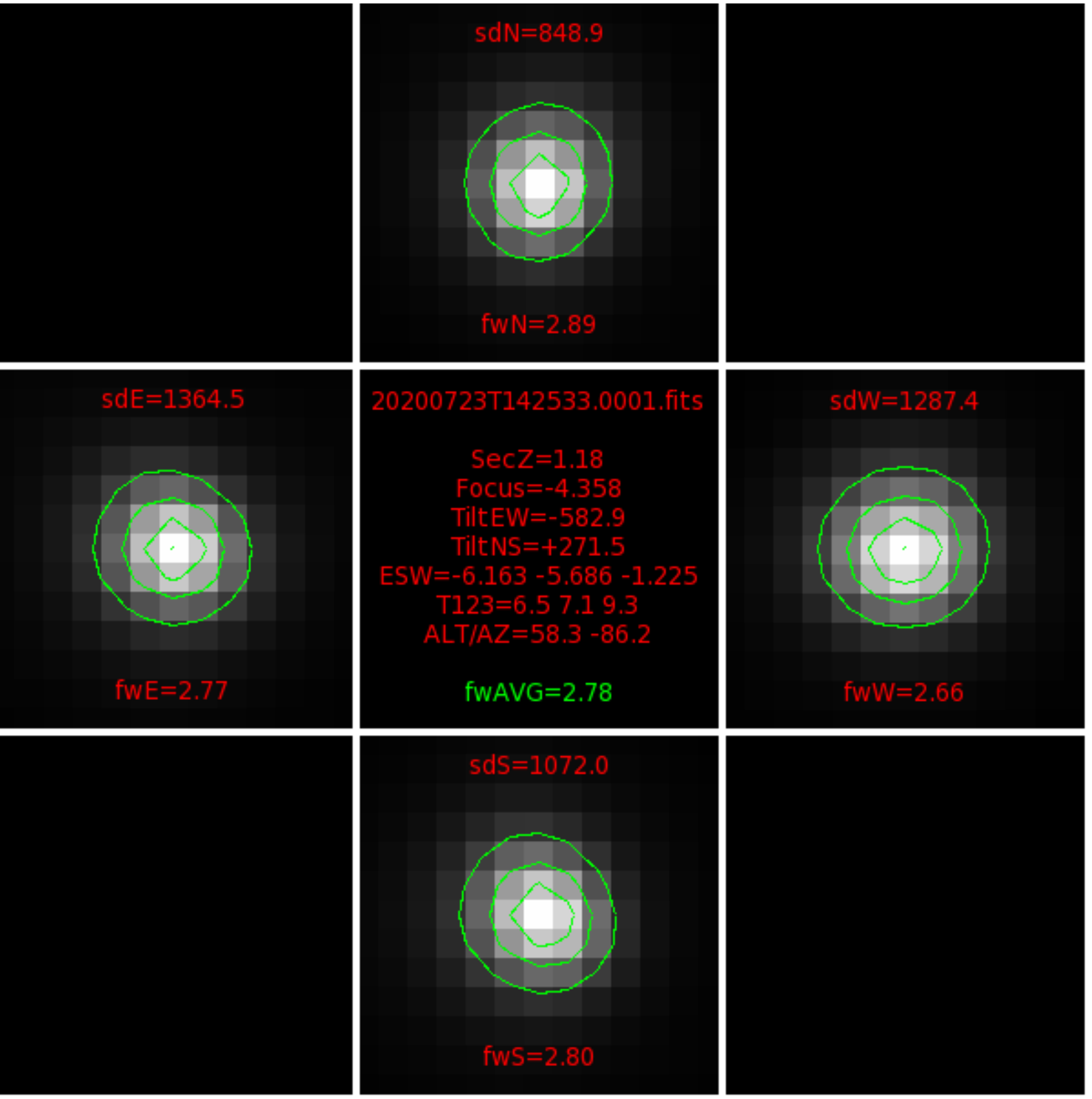
sdN=848.9
fwN=2.89
sdE=1364.5
fwE=2.77
20200723T142533.0001.fits
SecZ=1.18
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.5 7.1 9.3
ALT/AZ=58.3 -86.2
fwAVG=2.78
sdW=1287.4
fwW=2.66
sdS=1072.0
fwS=2.80
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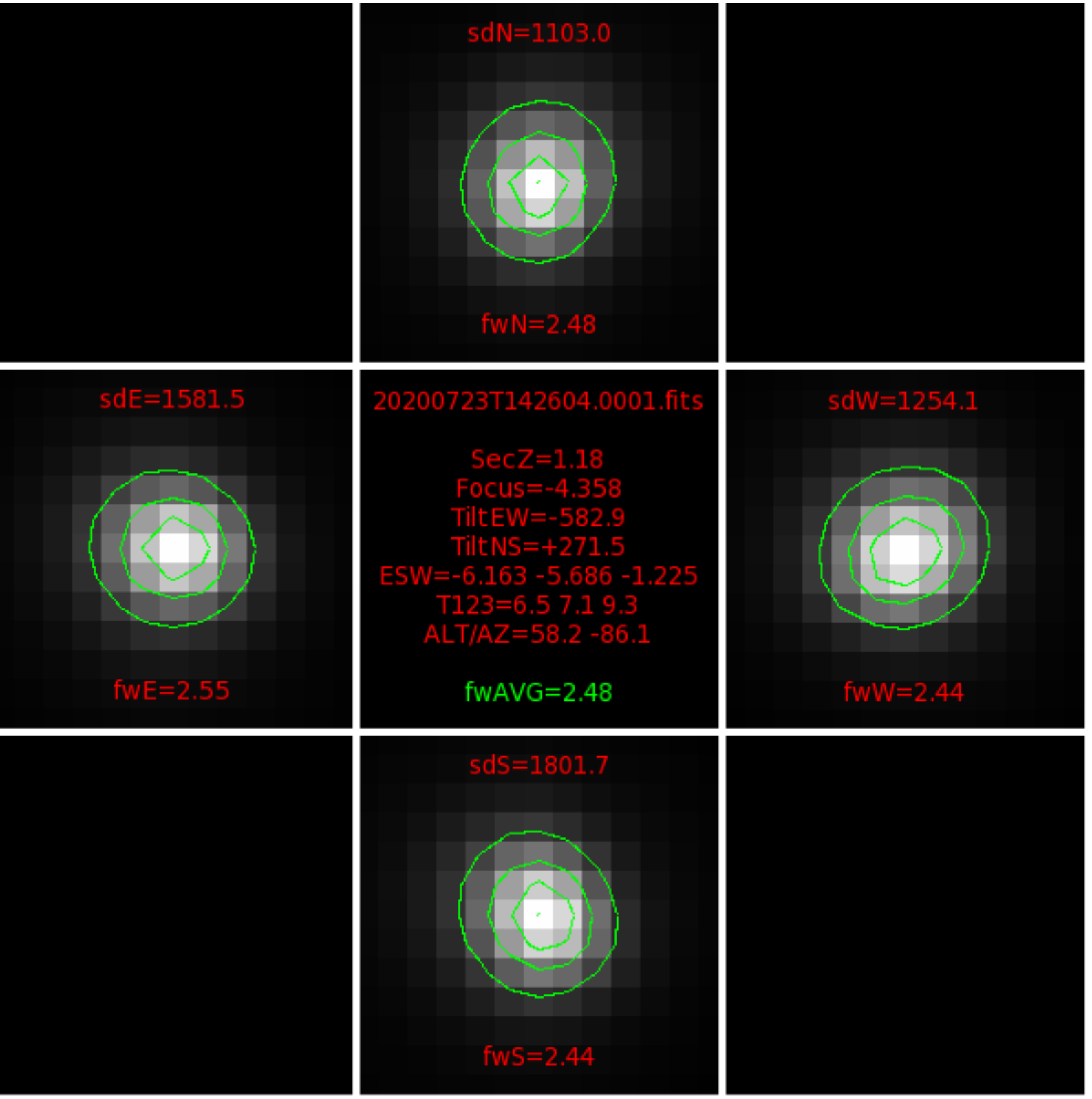
sdN=1103.0
fwN=2.48
sdE=1581.5
fwE=2.55
20200723T142604.0001.fits
SecZ=1.18
Focus=-4.358
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TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.5 7.1 9.3
ALT/AZ=58.2 -86.1
fwAVG=2.48
sdW=1254.1
fwW=2.44
sdS=1801.7
fwS=2.44
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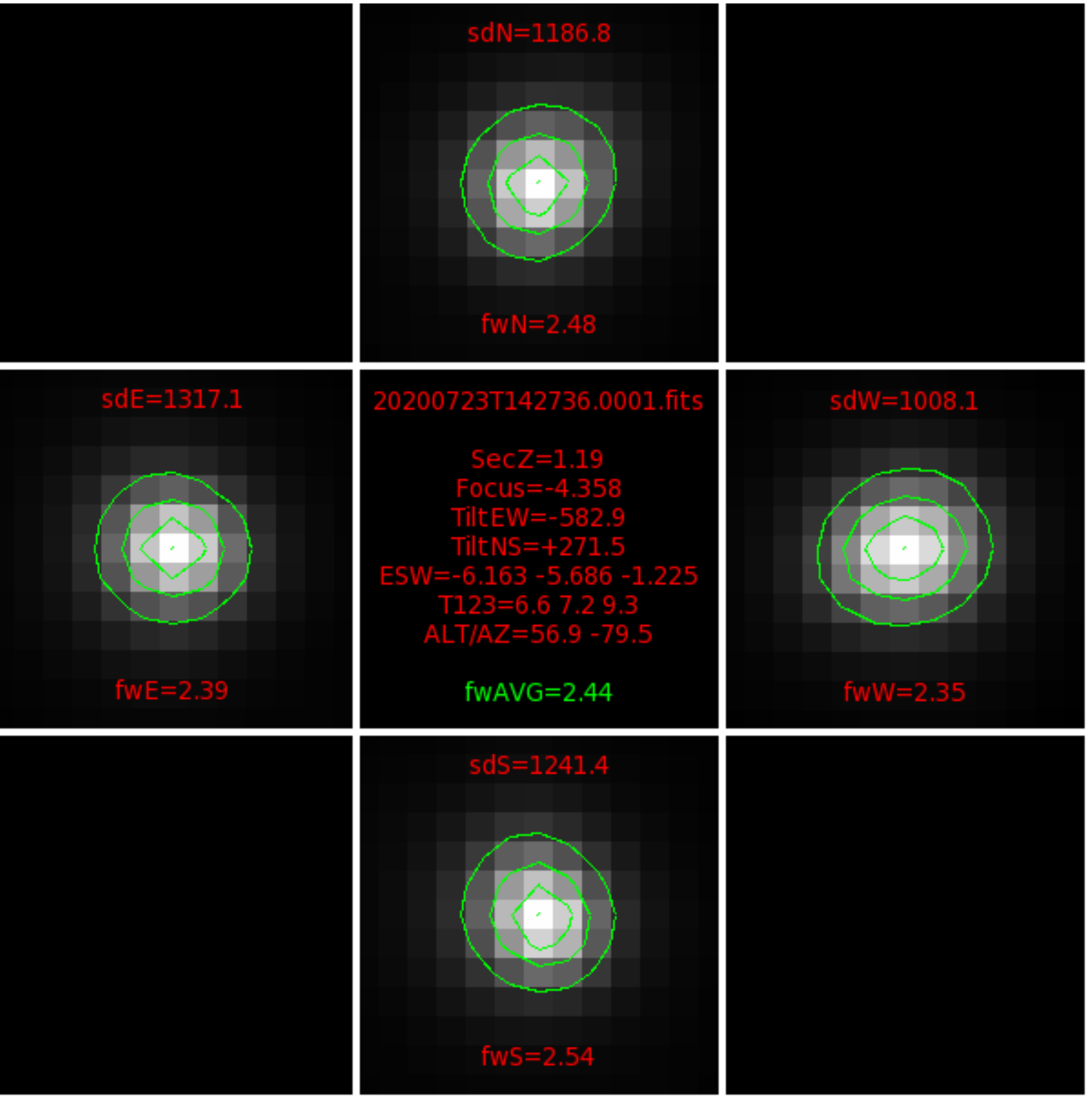
sdN=1186.8
fwN=2.48
sdE=1317.1
fwE=2.39
20200723T142736.0001.fits
SecZ=1.19
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.6 7.2 9.3
ALT/AZ=56.9 -79.5
fwAVG=2.44
sdW=1008.1
fwW=2.35
sdS=1241.4
fwS=2.54
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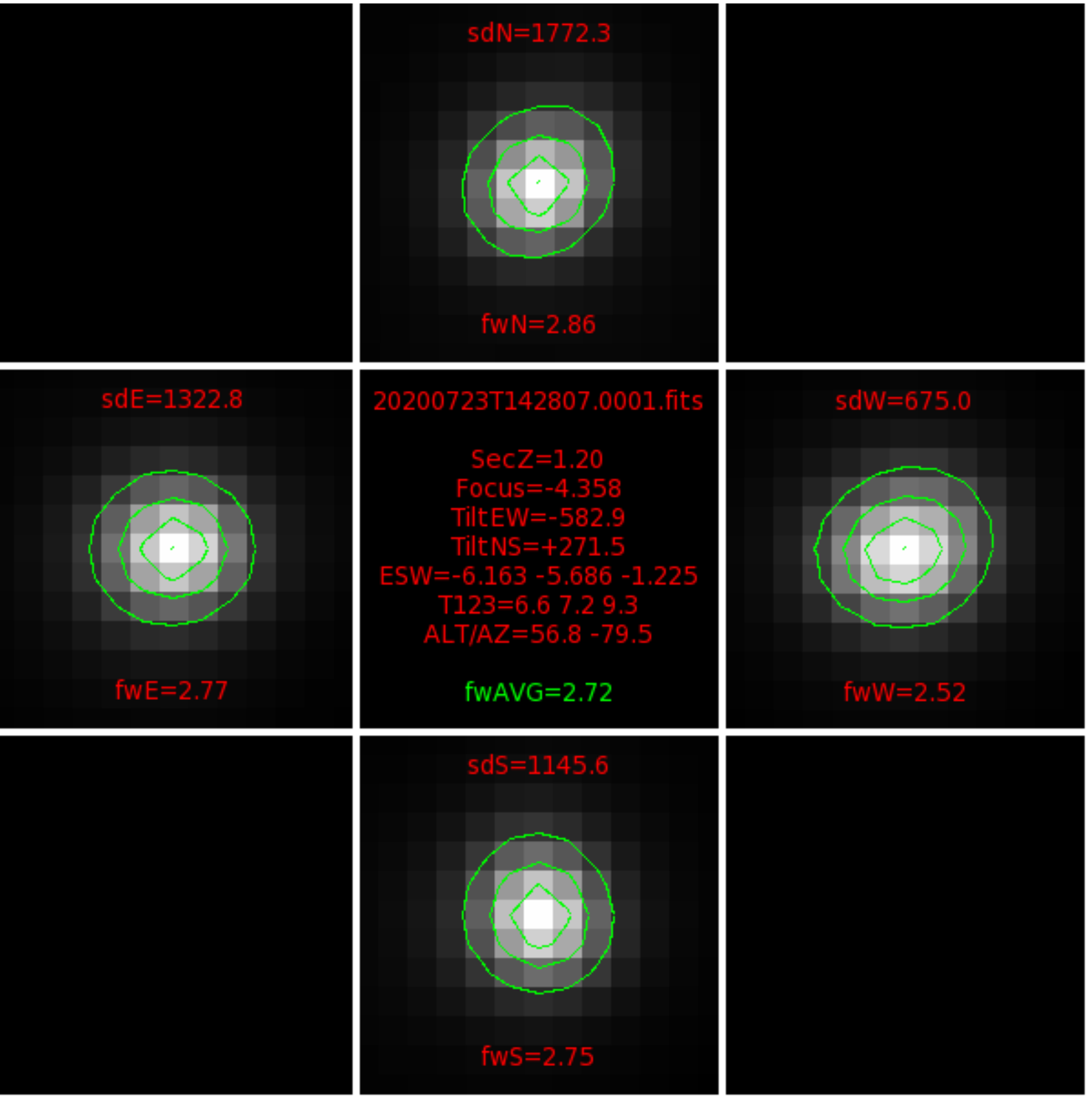
sdN=1772.3
fwN=2.86
sdE=1322.8
fwE=2.77
20200723T142807.0001.fits
SecZ=1.20
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.6 7.2 9.3
ALT/AZ=56.8 -79.5
fwAVG=2.72
sdW=675.0
fwW=2.52
sdS=1145.6
fwS=2.75
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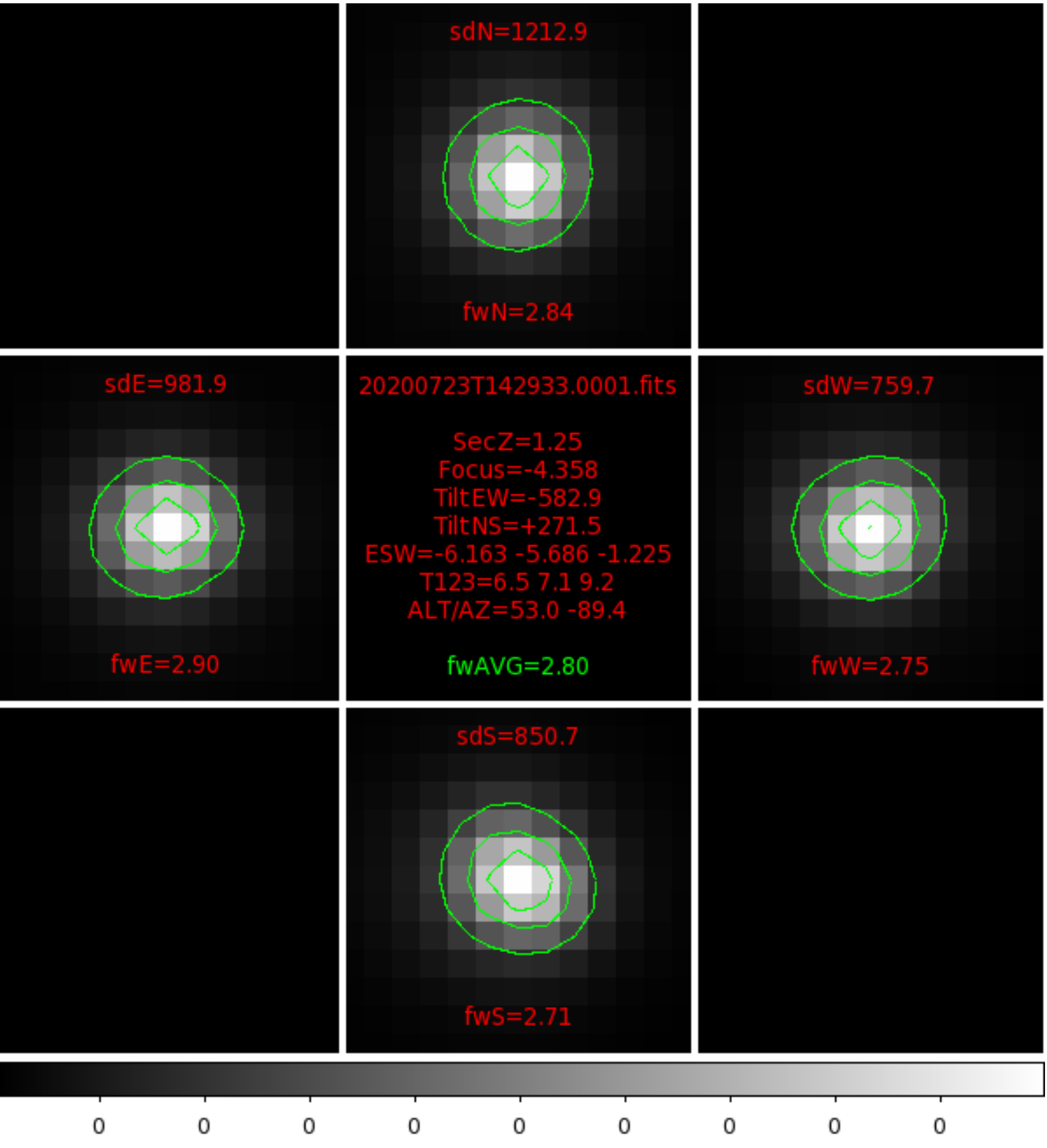
sdN=1212.9
fwN=2.84
sdE=981.9
fwE=2.90
20200723T142933.0001.fits
SecZ=1.25
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.5 7.1 9.2
ALT/AZ=53.0 -89.4
fwAVG=2.80
sdW=759.7
fwW=2.75
sdS=850.7
fwS=2.71
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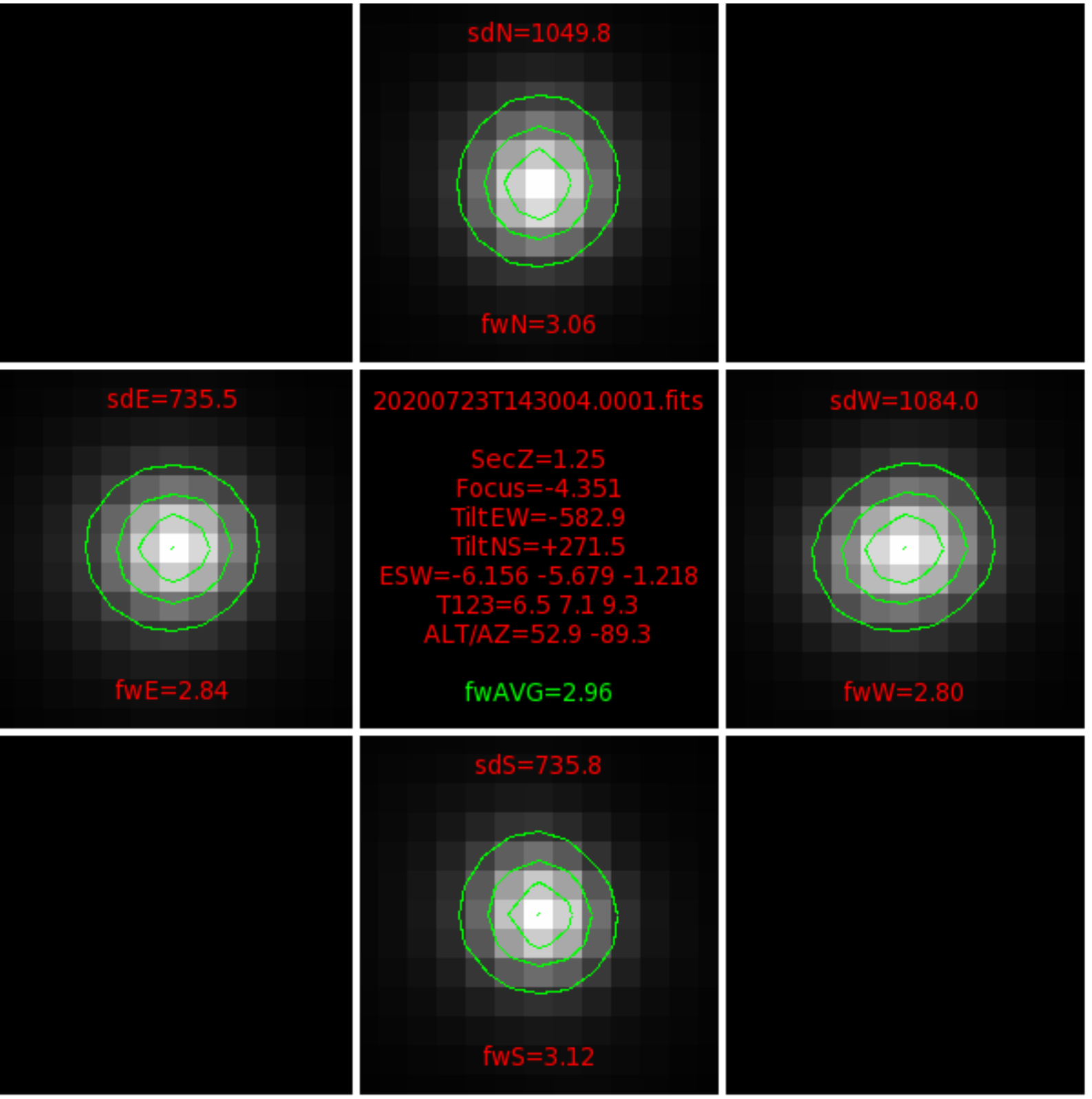
sdN=1049.8
fwN=3.06
sdE=735.5
fwE=2.84
20200723T143004.0001.fits
SecZ=1.25
Focus=-4.351
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.156 -5.679 -1.218
T123=6.5 7.1 9.3
ALT/AZ=52.9 -89.3
fwAVG=2.96
sdW=1084.0
fwW=2.80
sdS=735.8
fwS=3.12
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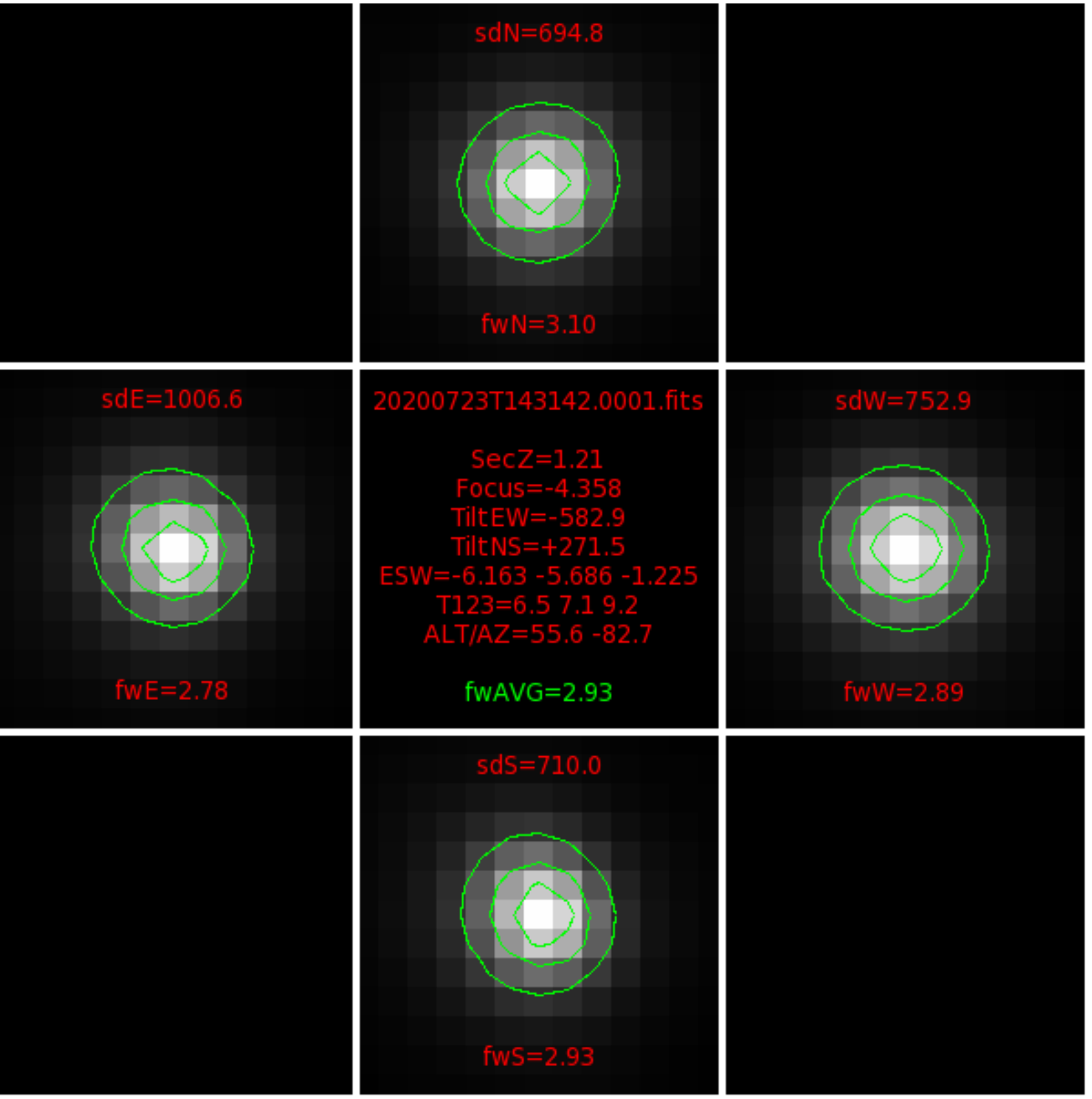
sdN=694.8
fwN=3.10
sdE=1006.6
fwE=2.78
20200723T143142.0001.fits
SecZ=1.21
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.5 7.1 9.2
ALT/AZ=55.6 -82.7
fwAVG=2.93
sdW=752.9
fwW=2.89
sdS=710.0
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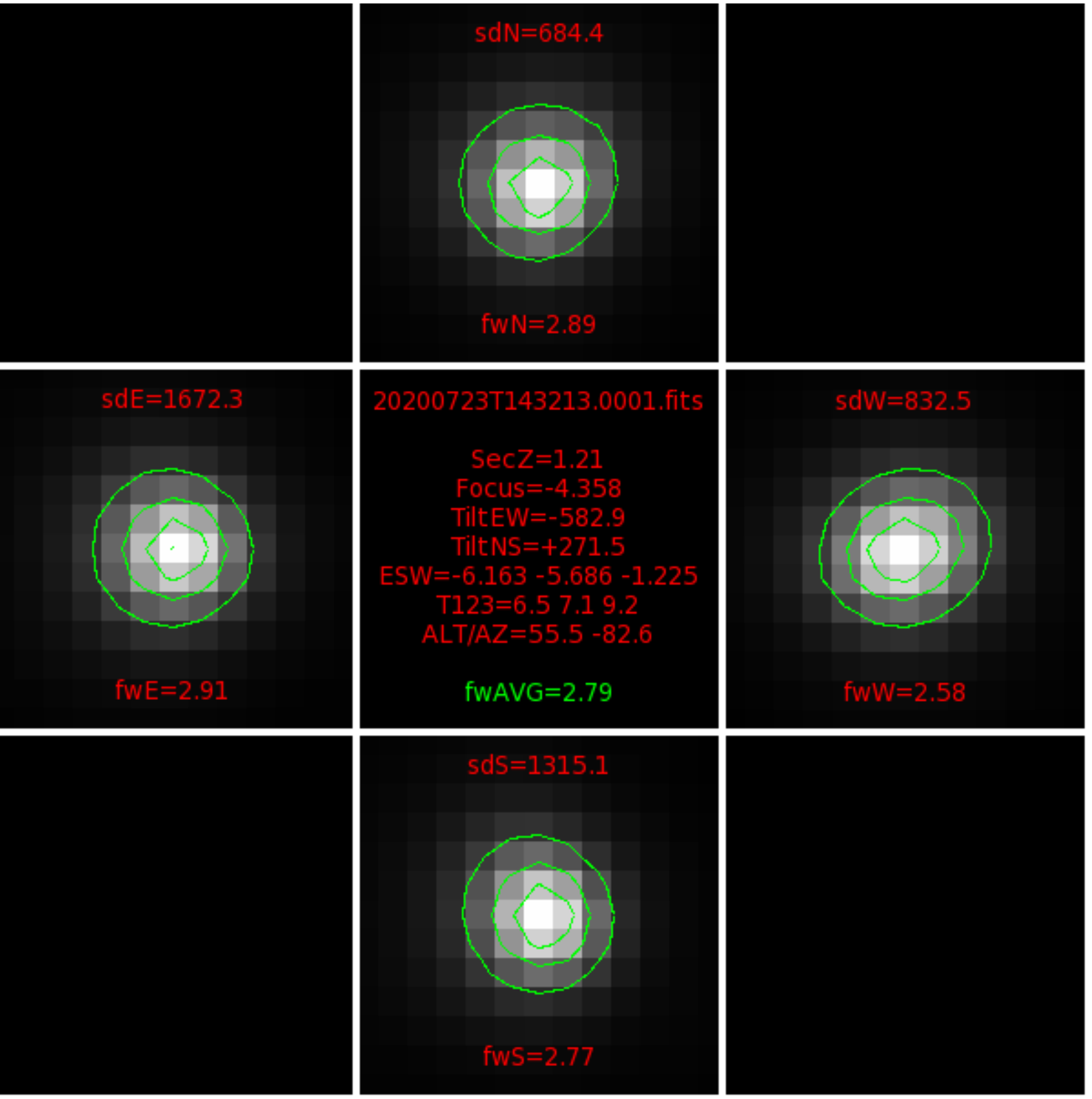
sdN=684.4
fwN=2.89
sdE=1672.3
fwE=2.91
20200723T143213.0001.fits
SecZ=1.21
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.5 7.1 9.2
ALT/AZ=55.5 -82.6
fwAVG=2.79
sdW=832.5
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sdS=1315.1
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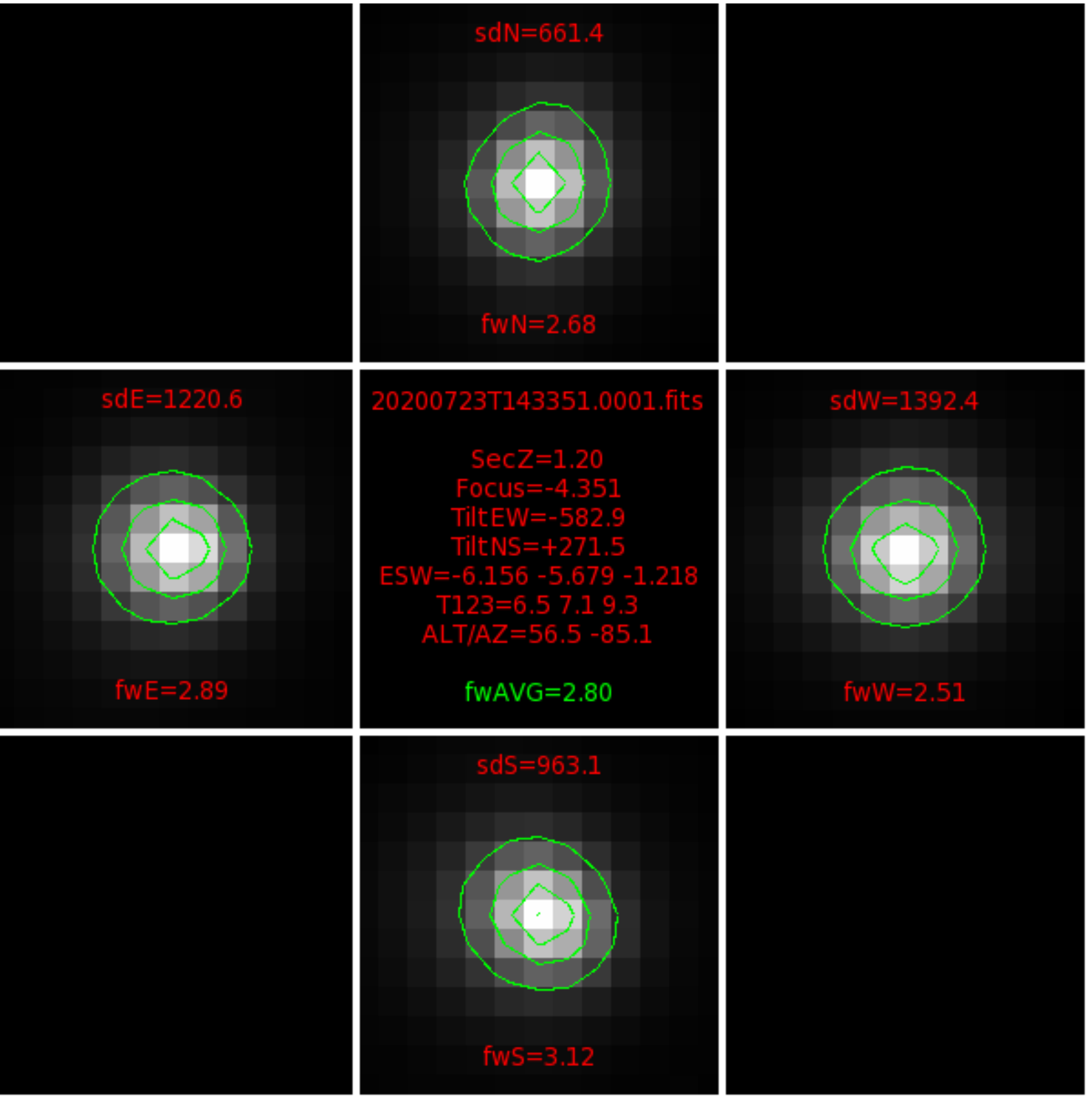
sdN=661.4
fwN=2.68
sdE=1220.6
fwE=2.89
20200723T143351.0001.fits
SecZ=1.20
Focus=-4.351
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.156 -5.679 -1.218
T123=6.5 7.1 9.3
ALT/AZ=56.5 -85.1
fwAVG=2.80
sdW=1392.4
fwW=2.51
sdS=963.1
fwS=3.12
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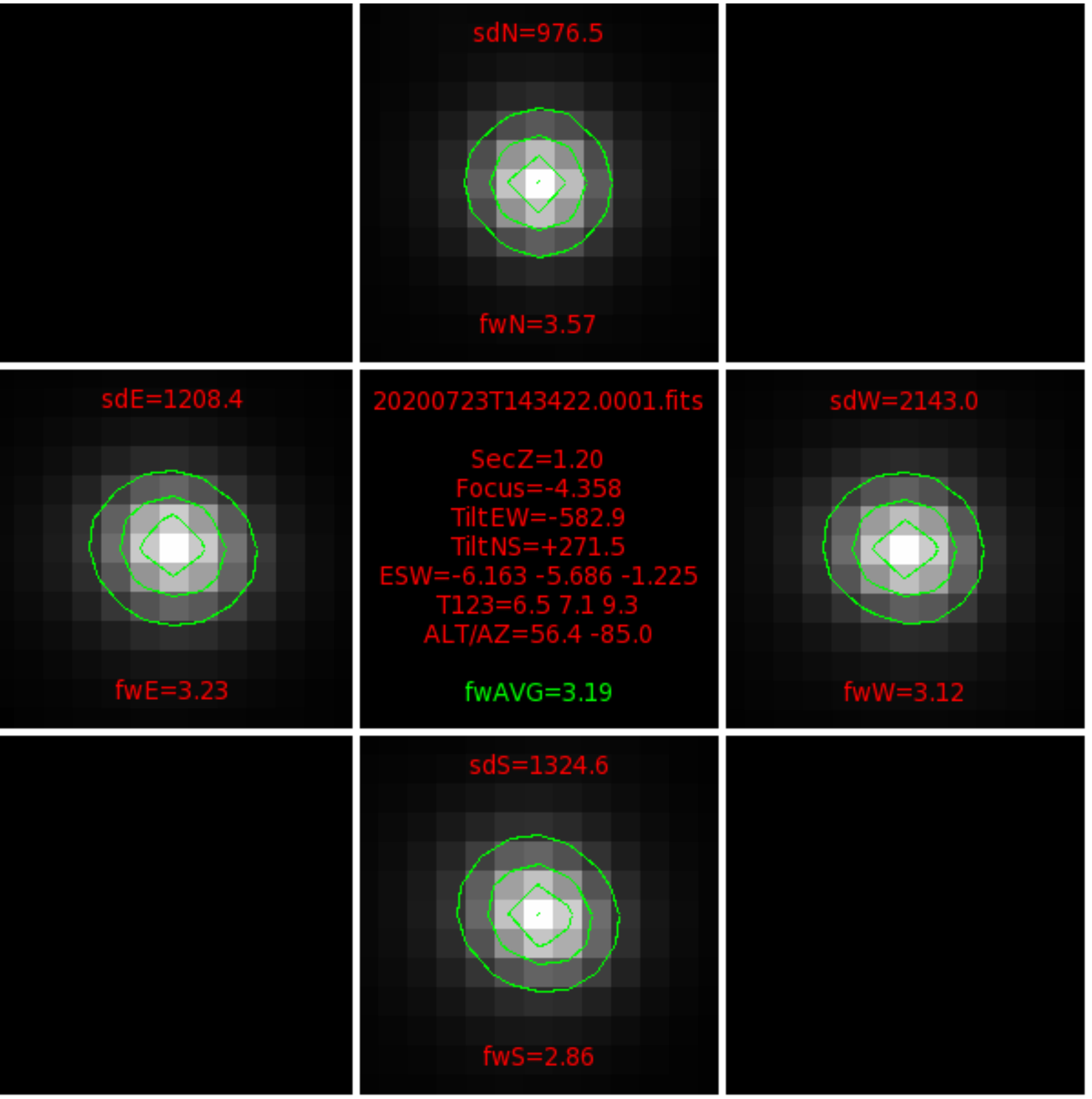
sdN=976.5
fwN=3.57
sdE=1208.4
fwE=3.23
20200723T143422.0001.fits
SecZ=1.20
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.5 7.1 9.3
ALT/AZ=56.4 -85.0
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sdW=2143.0
fwW=3.12
sdS=1324.6
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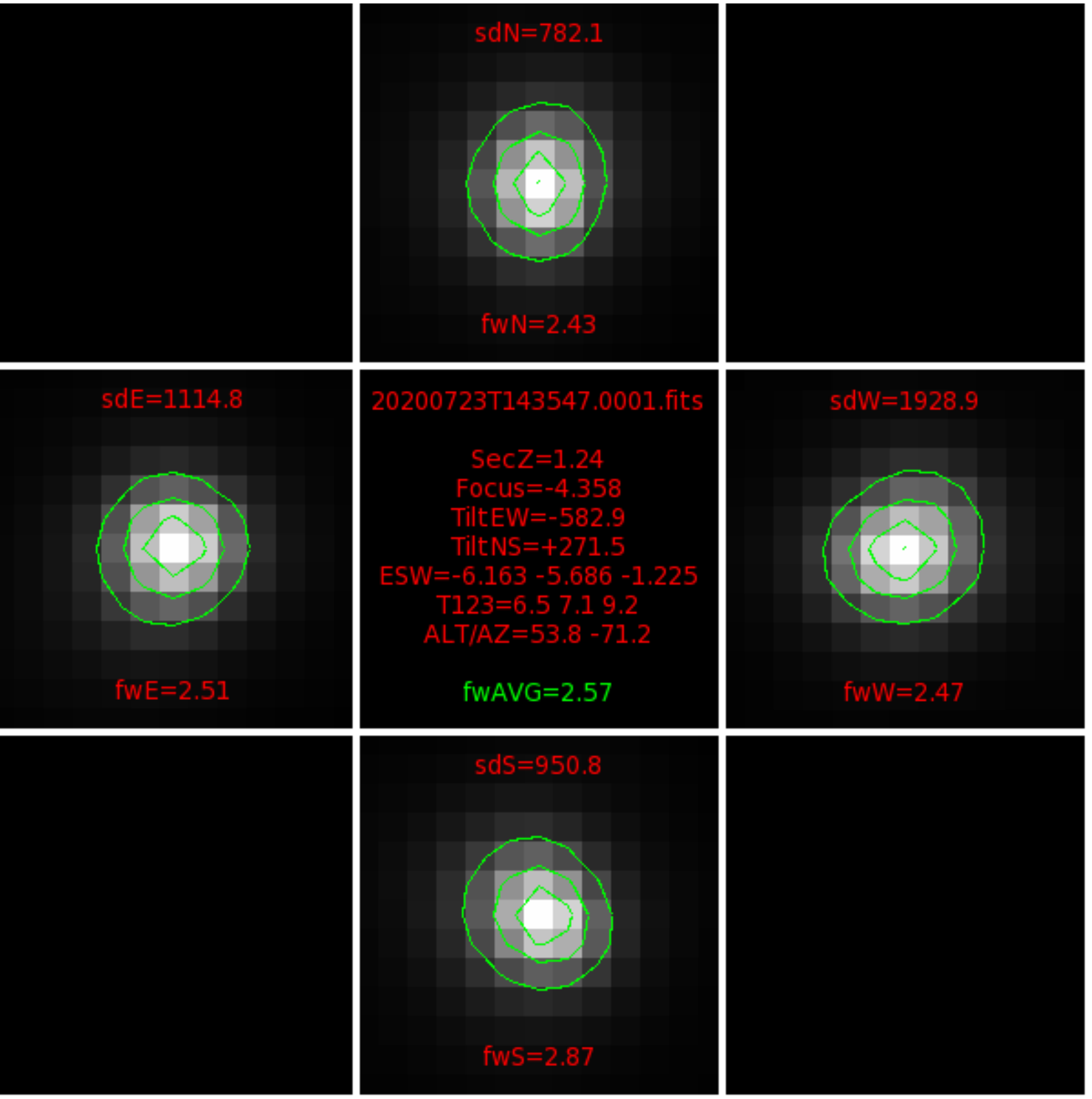
sdN=782.1
fwN=2.43
sdE=1114.8
fwE=2.51
20200723T143547.0001.fits
SecZ=1.24
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.5 7.1 9.2
ALT/AZ=53.8 -71.2
fwAVG=2.57
sdW=1928.9
fwW=2.47
sdS=950.8
fwS=2.87
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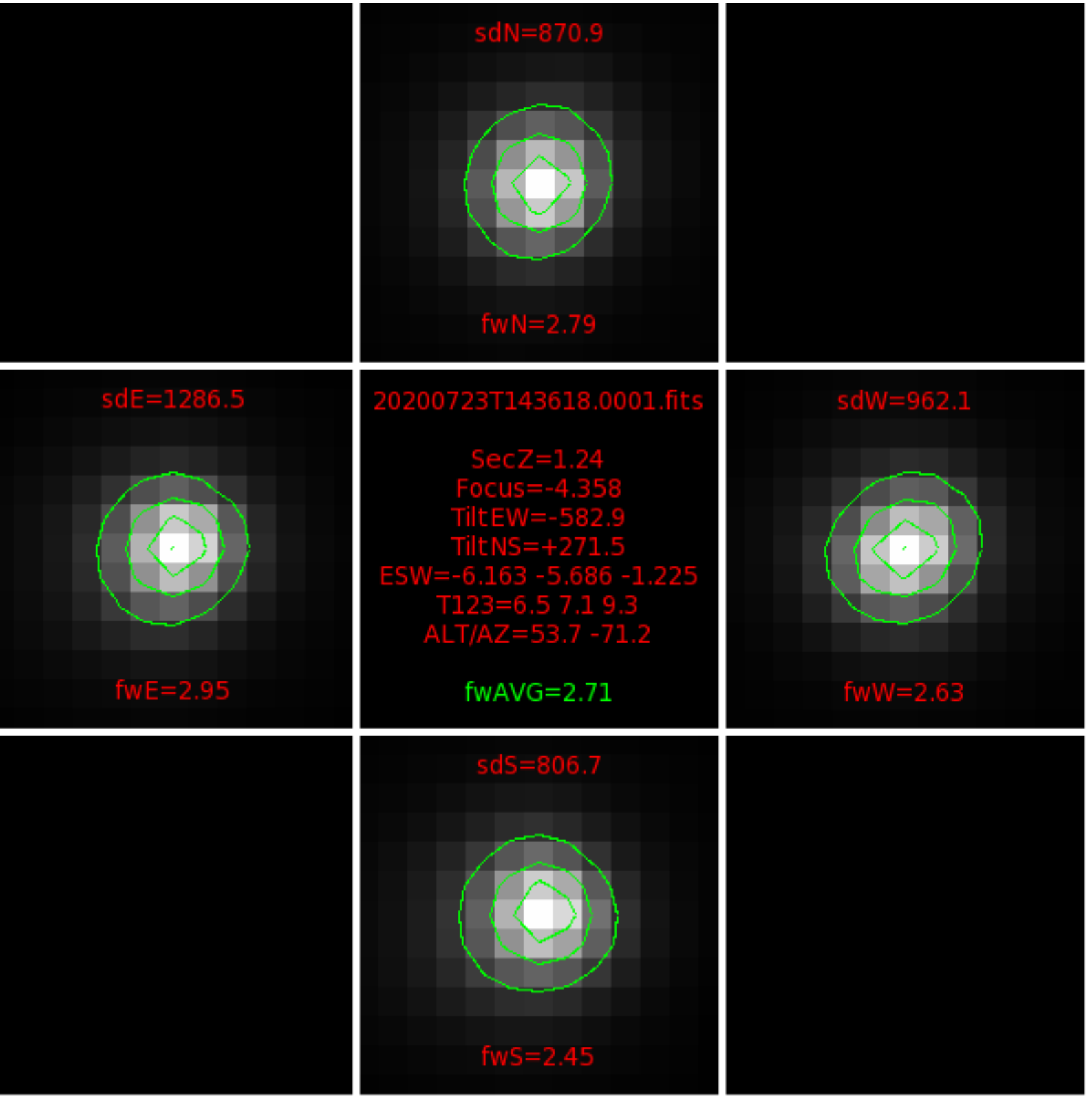
sdN=870.9
fwN=2.79
sdE=1286.5
fwE=2.95
20200723T143618.0001.fits
SecZ=1.24
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.5 7.1 9.3
ALT/AZ=53.7 -71.2
fwAVG=2.71
sdW=962.1
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sdS=806.7
fwS=2.45
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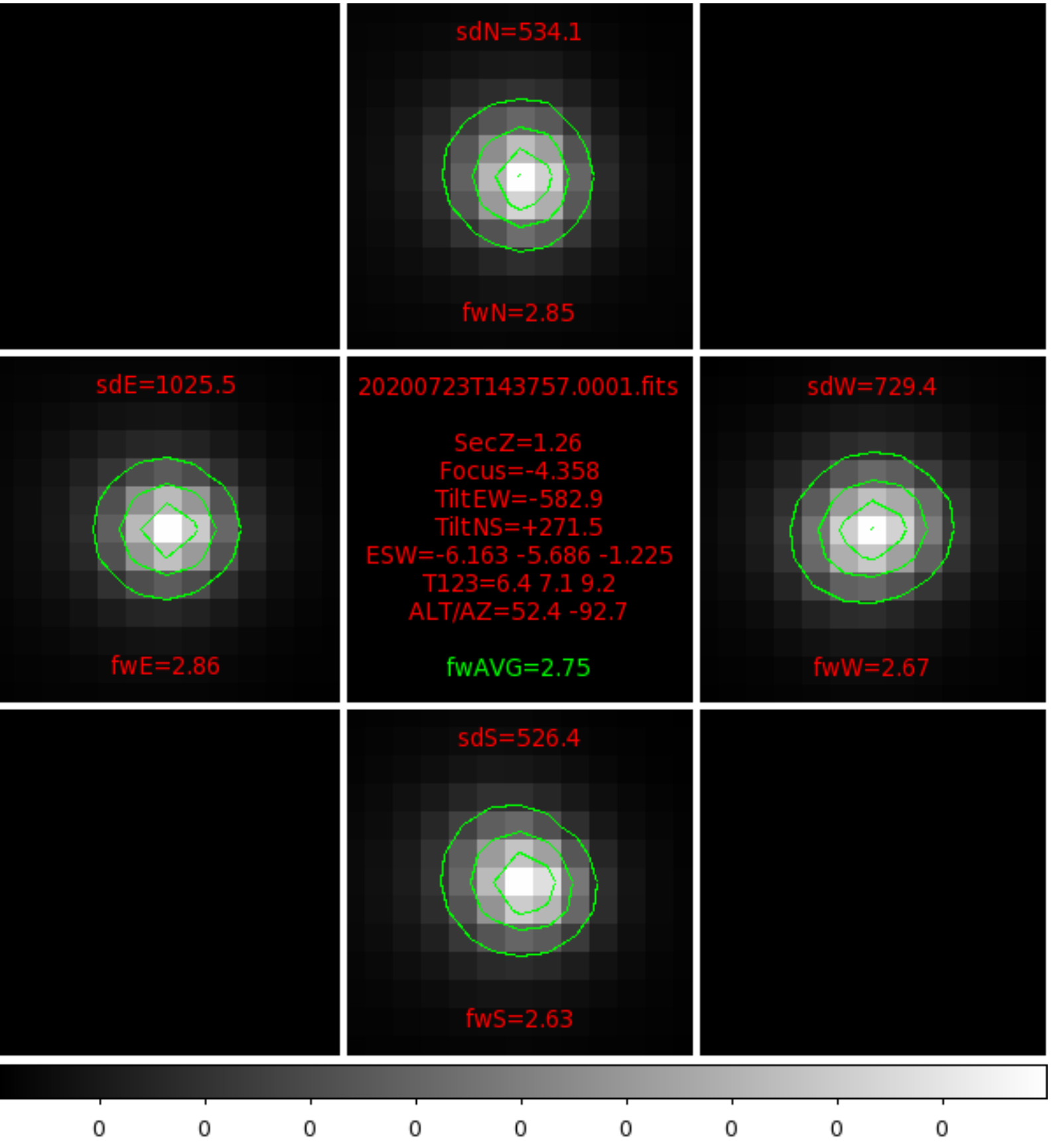
sdN=534.1
fwN=2.85
sdE=1025.5
fwE=2.86
20200723T143757.0001.fits
SecZ=1.26
Focus=-4.358
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.163 -5.686 -1.225
T123=6.4 7.1 9.2
ALT/AZ=52.4 -92.7
fwAVG=2.75
sdW=729.4
fwW=2.67
sdS=526.4
fwS=2.63
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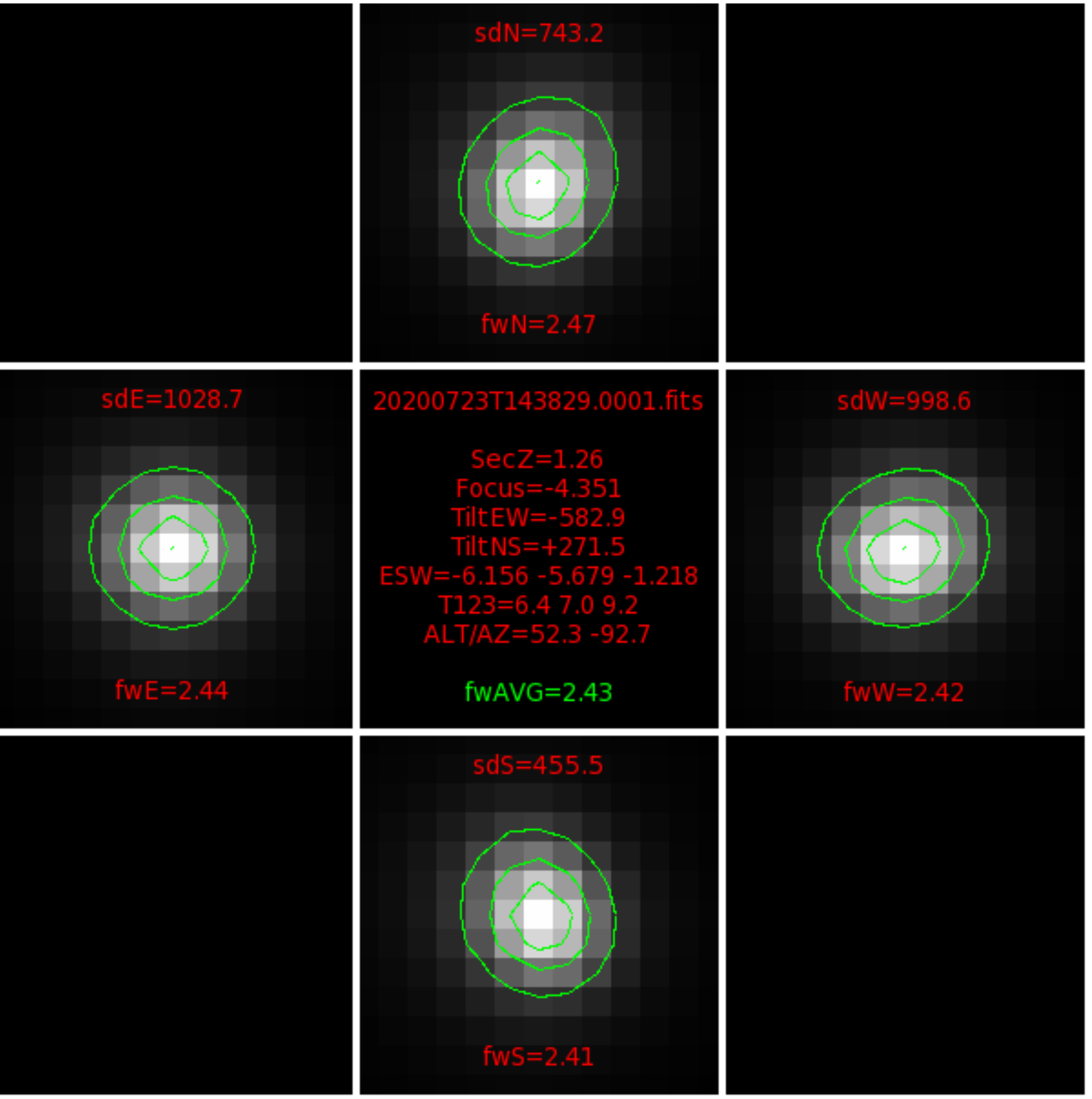
sdN=743.2
fwN=2.47
sdE=1028.7
fwE=2.44
20200723T143829.0001.fits
SecZ=1.26
Focus=-4.351
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.156 -5.679 -1.218
T123=6.4 7.0 9.2
ALT/AZ=52.3 -92.7
fwAVG=2.43
sdW=998.6
fwW=2.42
sdS=455.5
fwS=2.41
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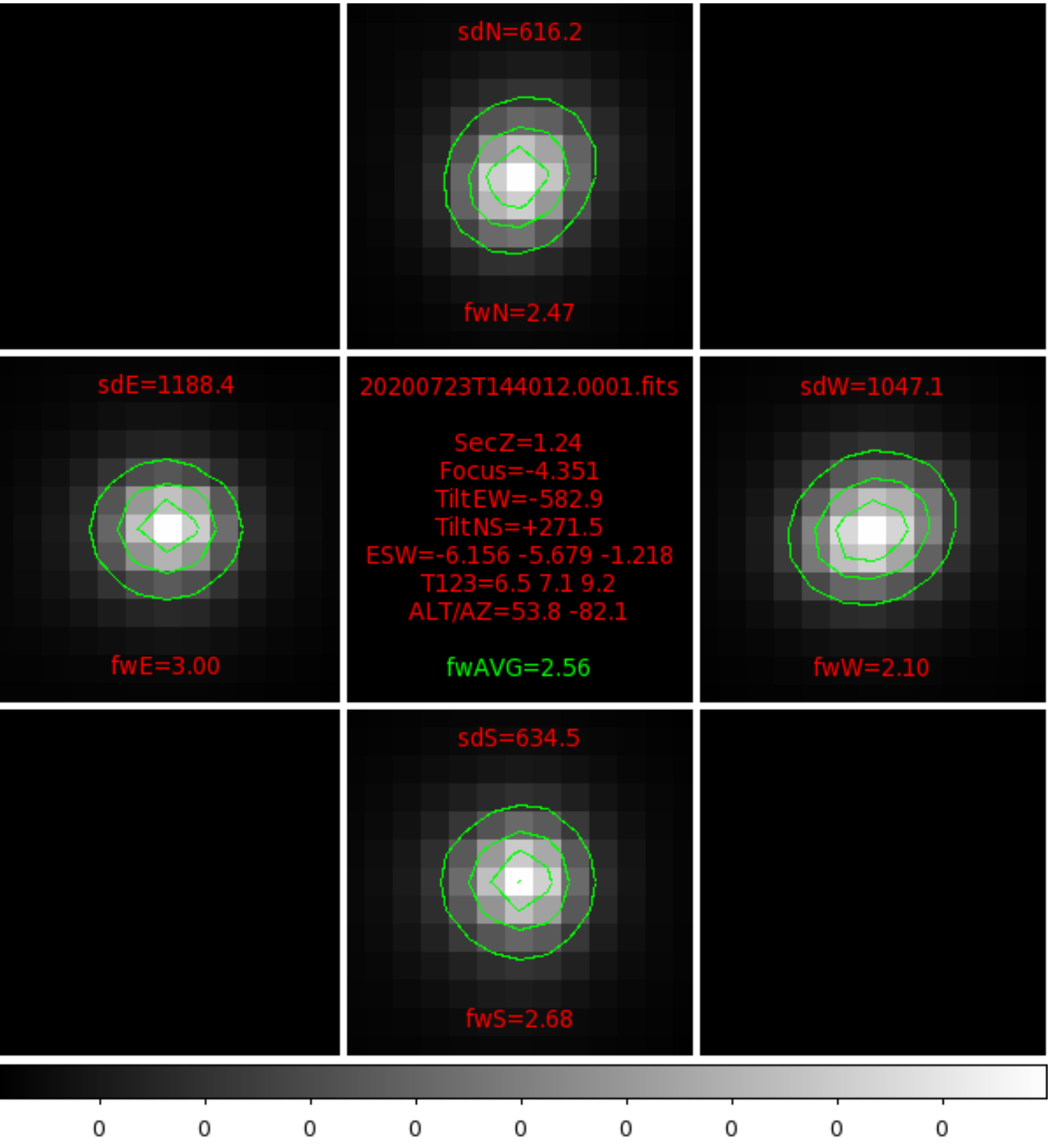
sdN=616.2
fwN=2.47
sdE=1188.4
fwE=3.00
20200723T144012.0001.fits
SecZ=1.24
Focus=-4.351
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.156 -5.679 -1.218
T123=6.5 7.1 9.2
ALT/AZ=53.8 -82.1
fwAVG=2.56
sdW=1047.1
fwW=2.10
sdS=634.5
fwS=2.68
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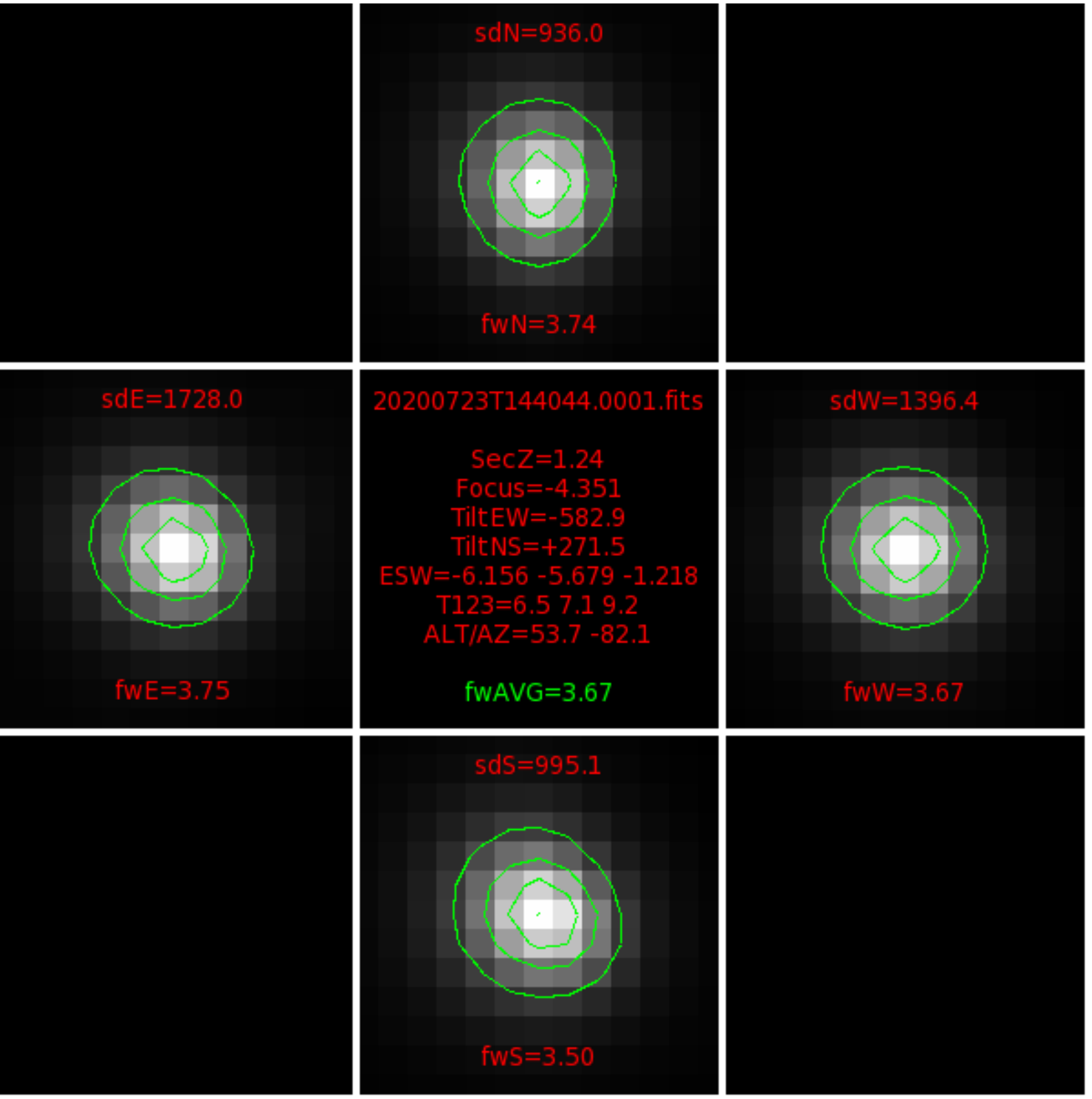
sdN=936.0
fwN=3.74
sdE=1728.0
fwE=3.75
20200723T144044.0001.fits
SecZ=1.24
Focus=-4.351
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.156 -5.679 -1.218
T123=6.5 7.1 9.2
ALT/AZ=53.7 -82.1
fwAVG=3.67
sdW=1396.4
fwW=3.67
sdS=995.1
fwS=3.50
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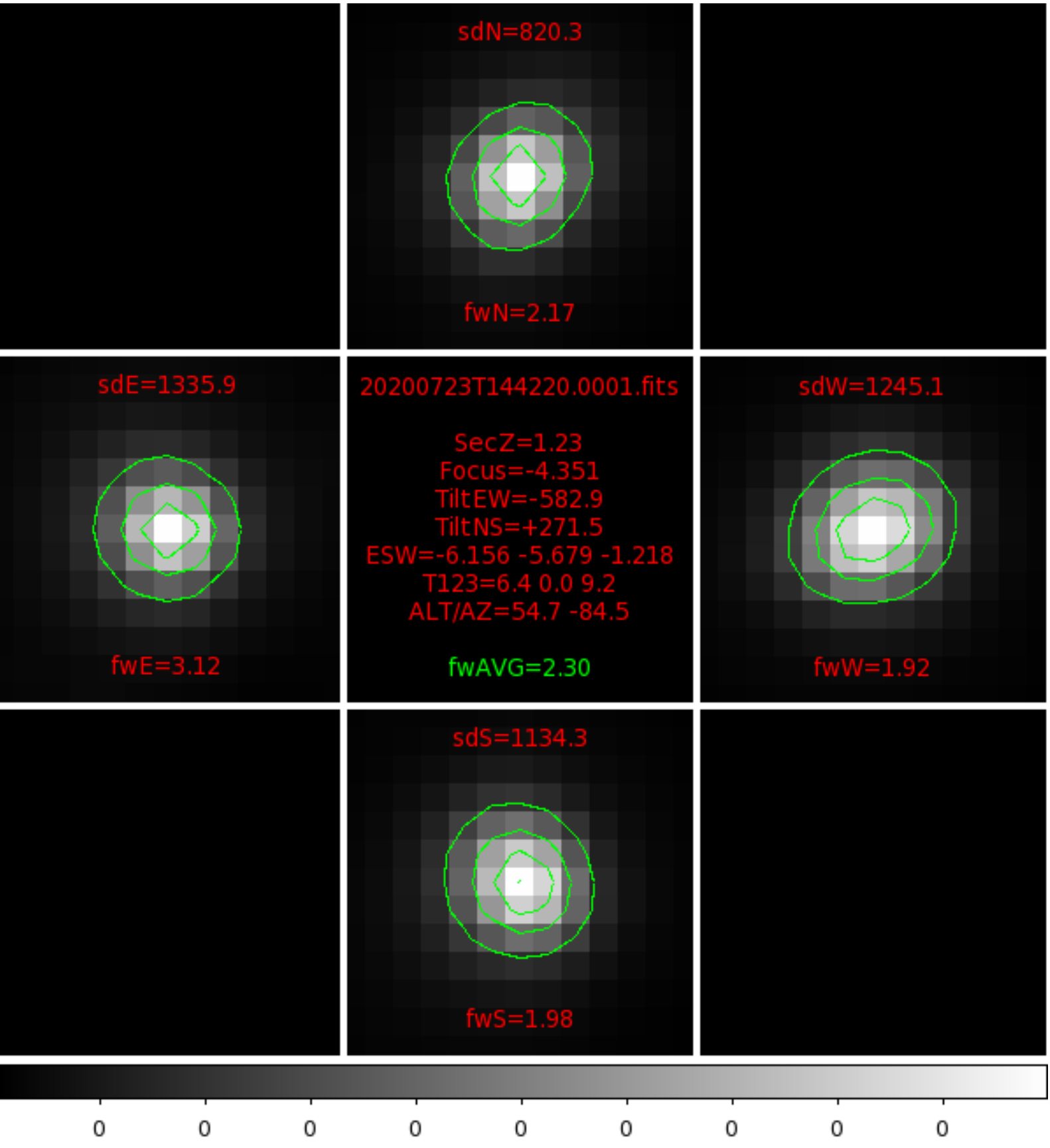
sdN=820.3
fwN=2.17
sdE=1335.9
fwE=3.12
20200723T144220.0001.fits
SecZ=1.23
Focus=-4.351
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.156 -5.679 -1.218
T123=6.4 0.0 9.2
ALT/AZ=54.7 -84.5
fwAVG=2.30
sdW=1245.1
fwW=1.92
sdS=1134.3
fwS=1.98
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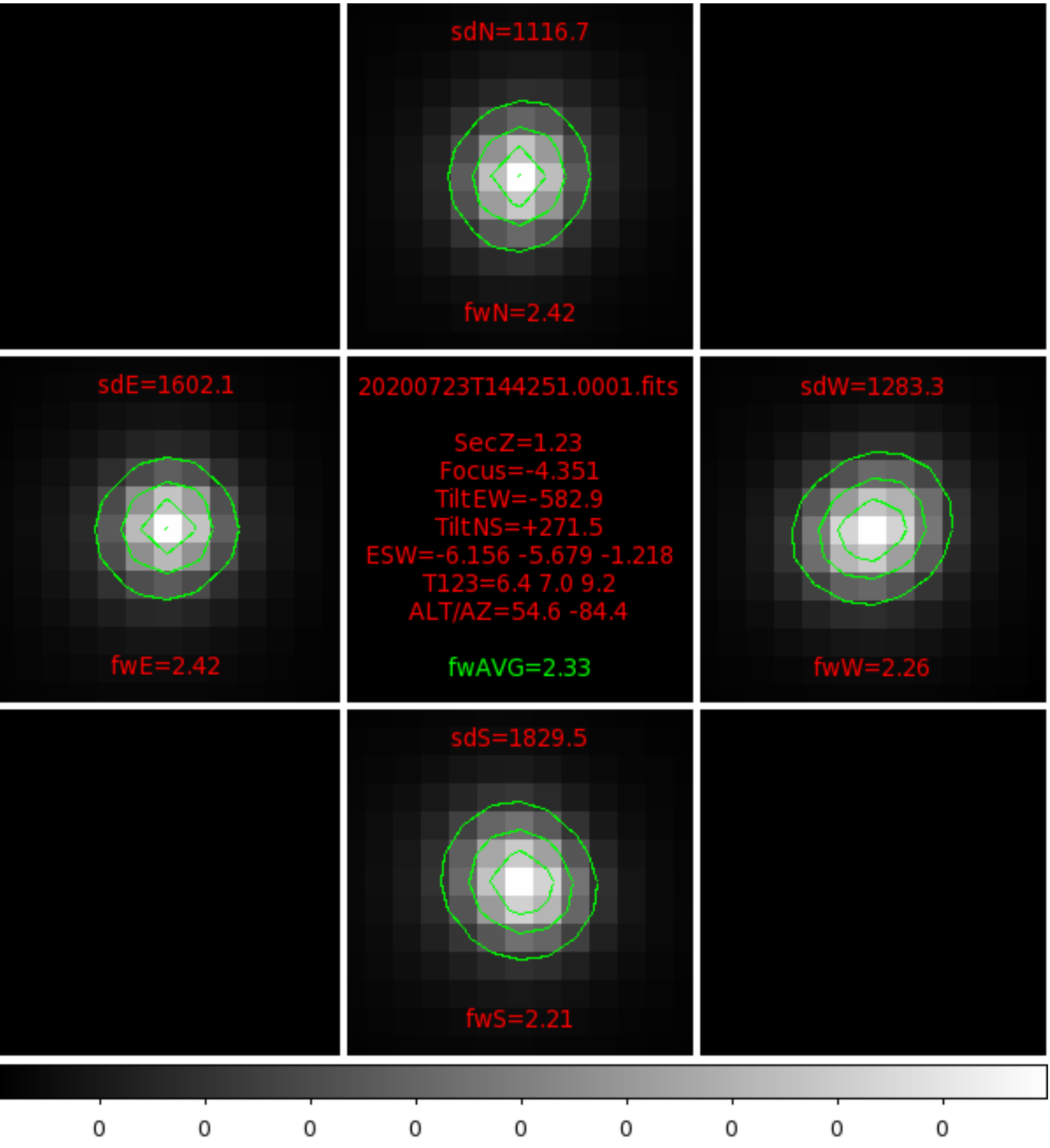
sdN=1116.7
fwN=2.42
sdE=1602.1
fwE=2.42
20200723T144251.0001.fits
SecZ=1.23
Focus=-4.351
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.156 -5.679 -1.218
T123=6.4 7.0 9.2
ALT/AZ=54.6 -84.4
fwAVG=2.33
sdW=1283.3
fwW=2.26
sdS=1829.5
fwS=2.21
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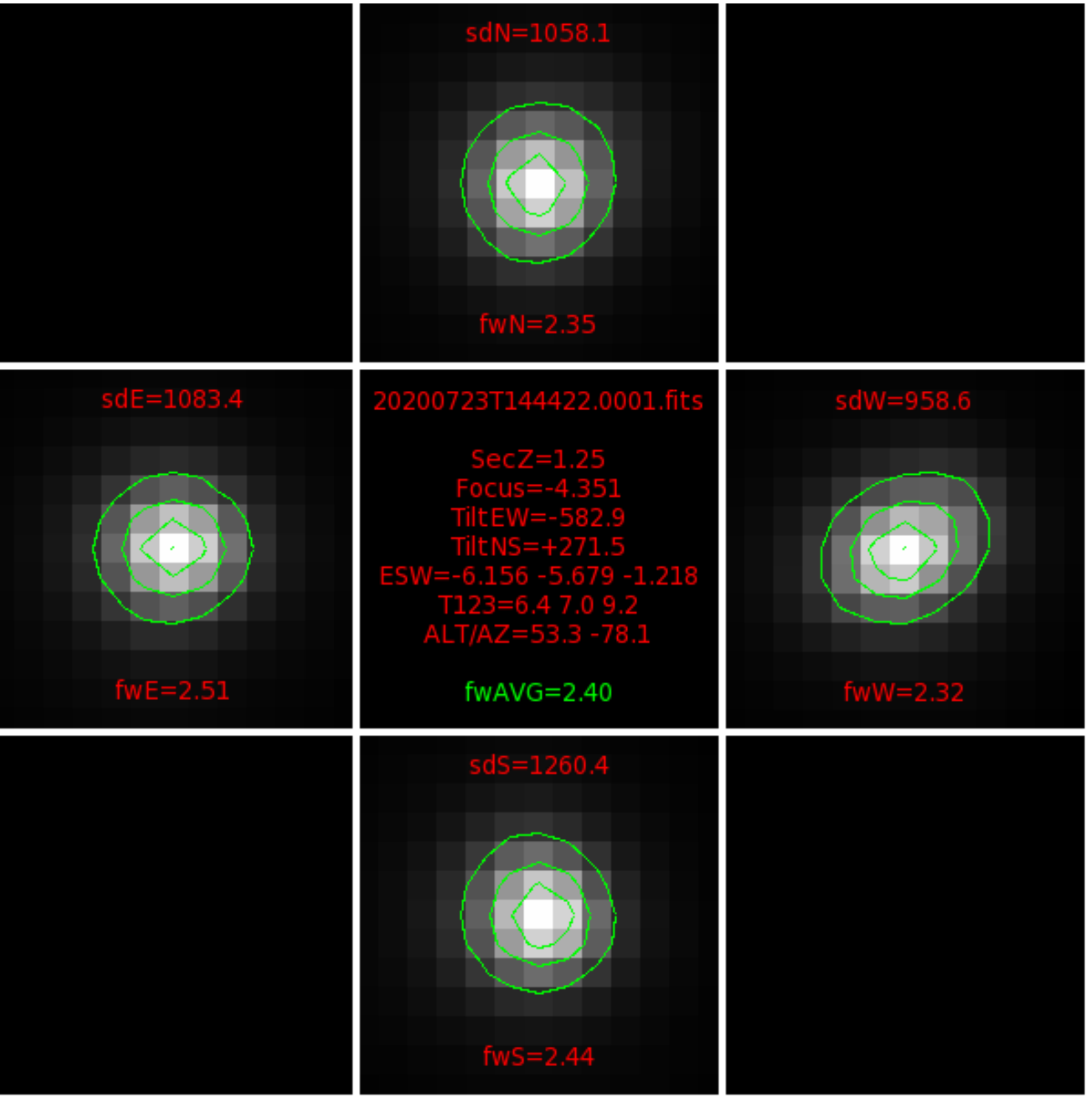
sdN=1058.1
fwN=2.35
sdE=1083.4
fwE=2.51
20200723T144422.0001.fits
SecZ=1.25
Focus=-4.351
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.156 -5.679 -1.218
T123=6.4 7.0 9.2
ALT/AZ=53.3 -78.1
fwAVG=2.40
sdW=958.6
fwW=2.32
sdS=1260.4
fwS=2.44
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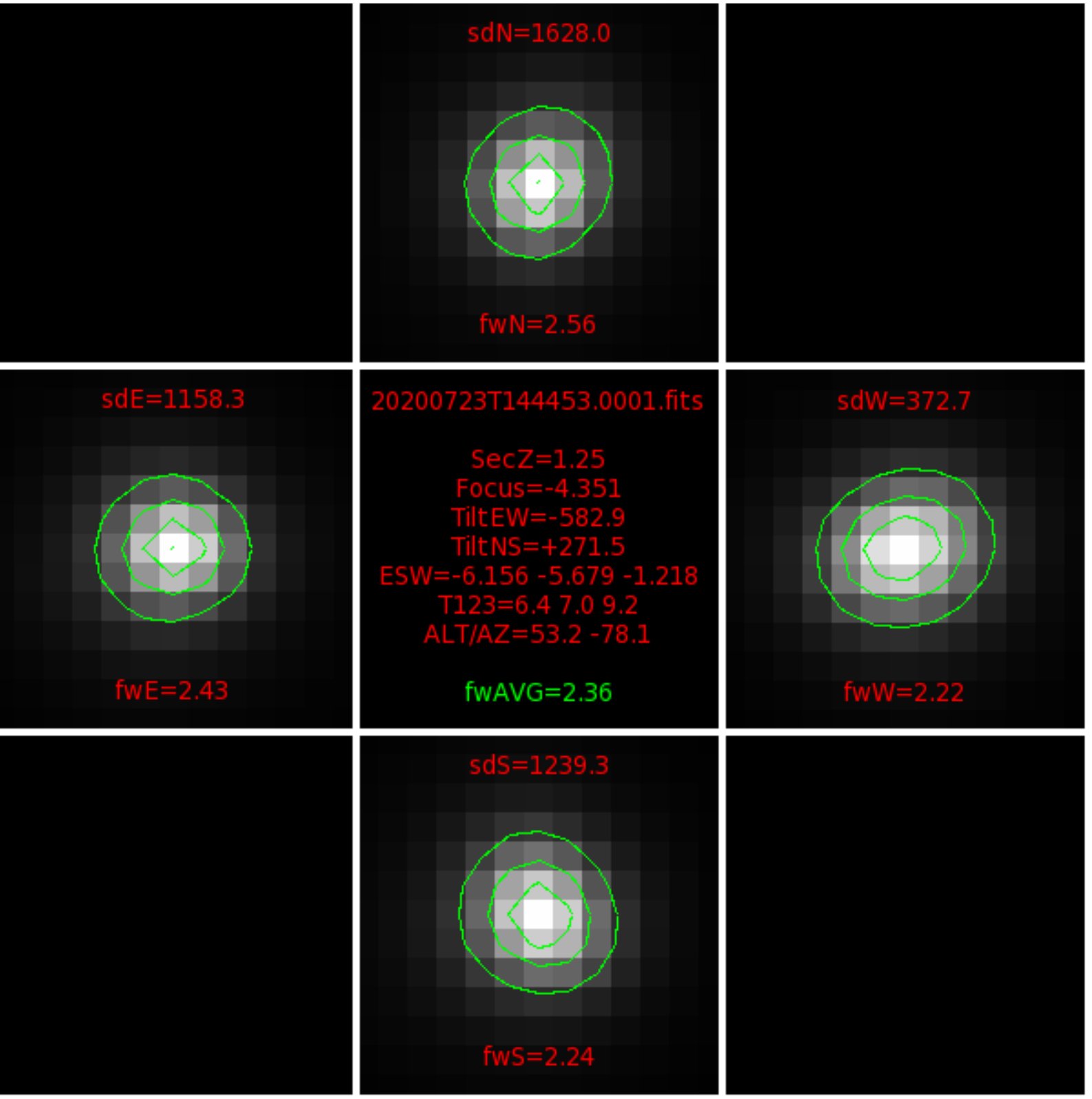
sdN=1628.0
fwN=2.56
sdE=1158.3
fwE=2.43
20200723T144453.0001.fits
SecZ=1.25
Focus=-4.351
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.156 -5.679 -1.218
T123=6.4 7.0 9.2
ALT/AZ=53.2 -78.1
fwAVG=2.36
sdW=372.7
fwW=2.22
sdS=1239.3
fwS=2.24
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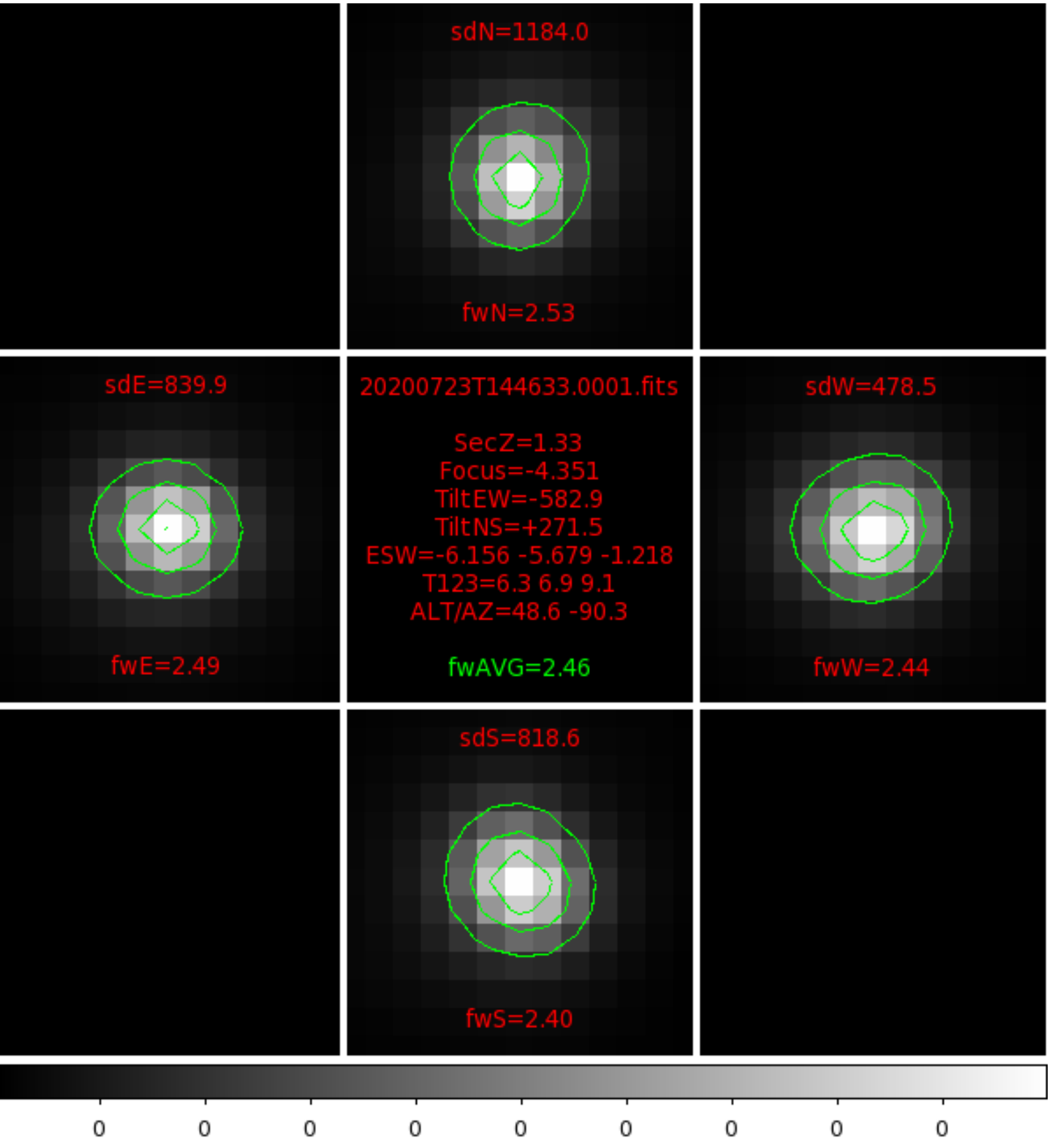
sdN=1184.0
fwN=2.53
sdE=839.9
fwE=2.49
20200723T144633.0001.fits
SecZ=1.33
Focus=-4.351
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.156 -5.679 -1.218
T123=6.3 6.9 9.1
ALT/AZ=48.6 -90.3
fwAVG=2.46
sdW=478.5
fwW=2.44
sdS=818.6
fwS=2.40
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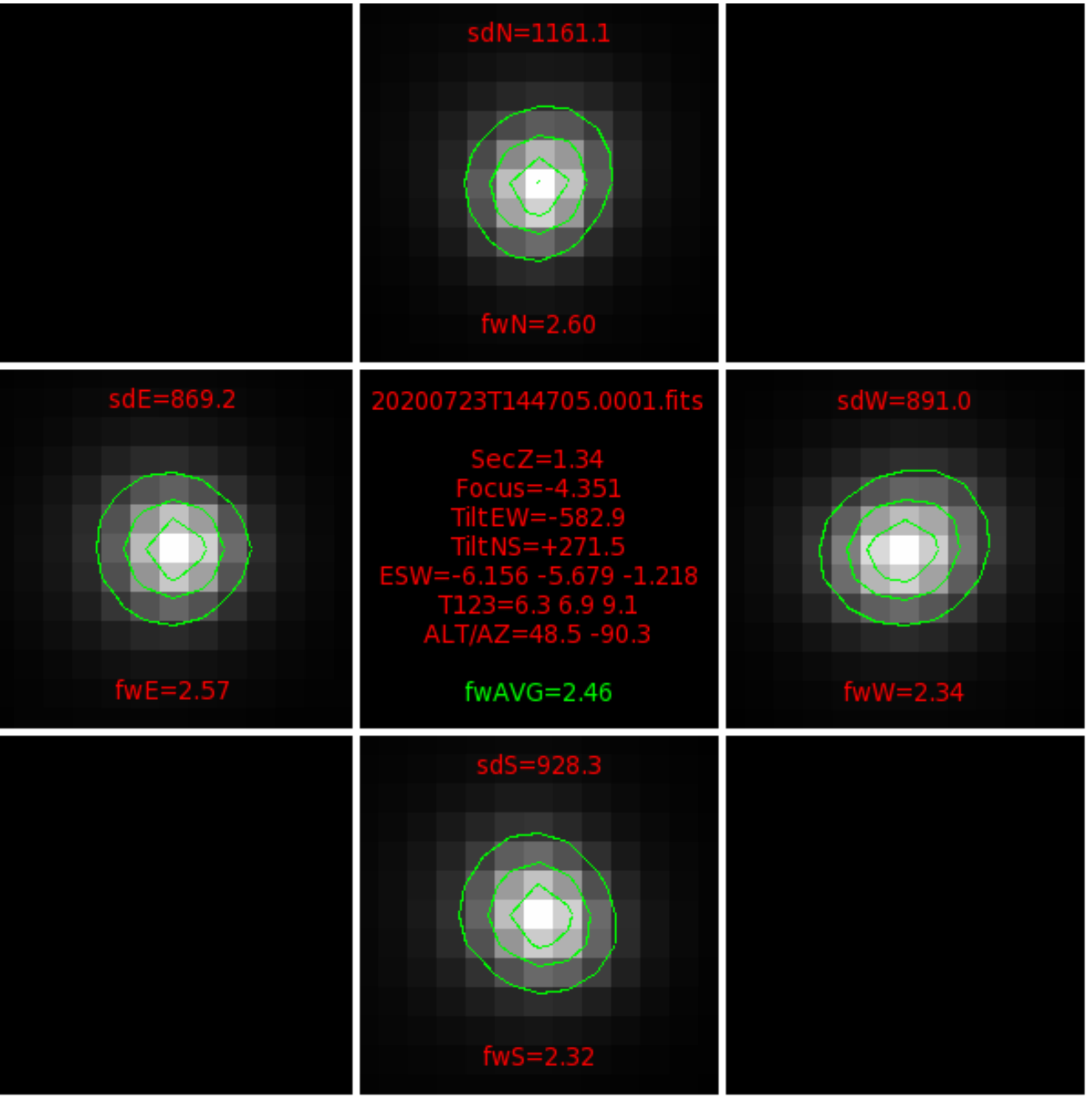
sdN=1161.1
fwN=2.60
sdE=869.2
fwE=2.57
20200723T144705.0001.fits
SecZ=1.34
Focus=-4.351
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.156 -5.679 -1.218
T123=6.3 6.9 9.1
ALT/AZ=48.5 -90.3
fwAVG=2.46
sdW=891.0
fwW=2.34
sdS=928.3
fwS=2.32
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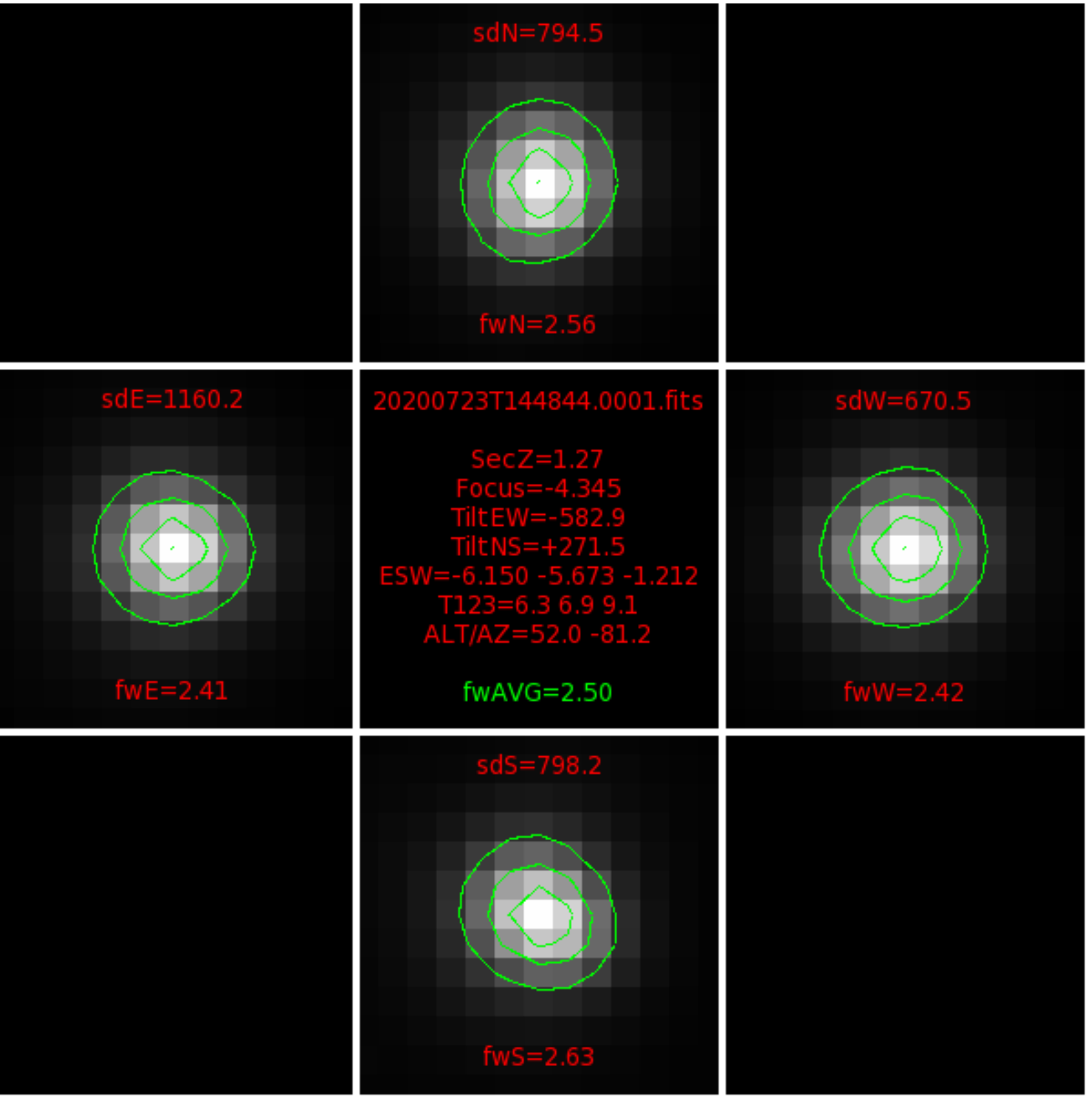
sdN=794.5
fwN=2.56
sdE=1160.2
fwE=2.41
20200723T144844.0001.fits
SecZ=1.27
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.9 9.1
ALT/AZ=52.0 -81.2
fwAVG=2.50
sdW=670.5
fwW=2.42
sdS=798.2
fwS=2.63
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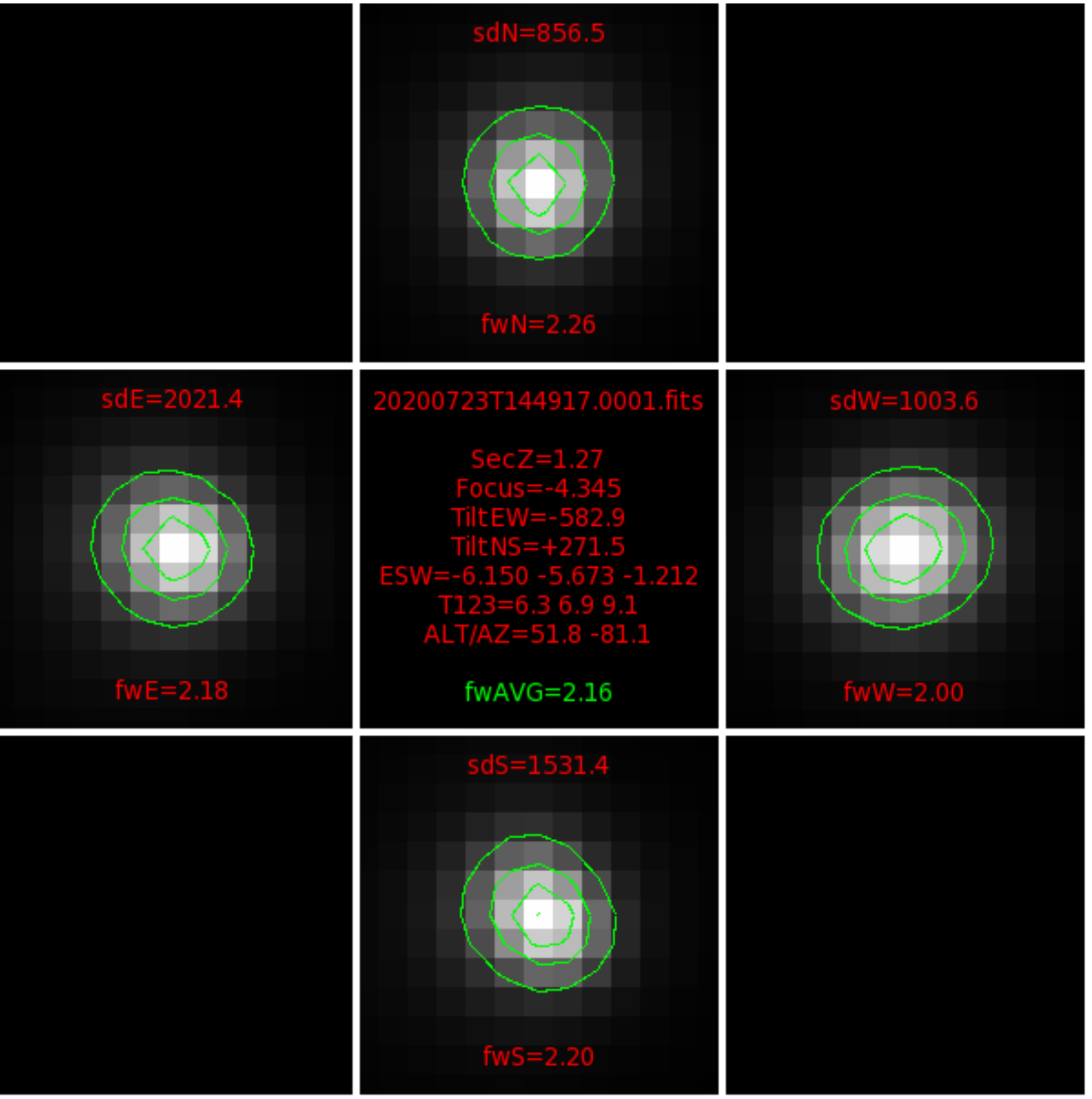
sdN=856.5
fwN=2.26
sdE=2021.4
fwE=2.18
20200723T144917.0001.fits
SecZ=1.27
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.9 9.1
ALT/AZ=51.8 -81.1
fwAVG=2.16
sdW=1003.6
fwW=2.00
sdS=1531.4
fwS=2.20
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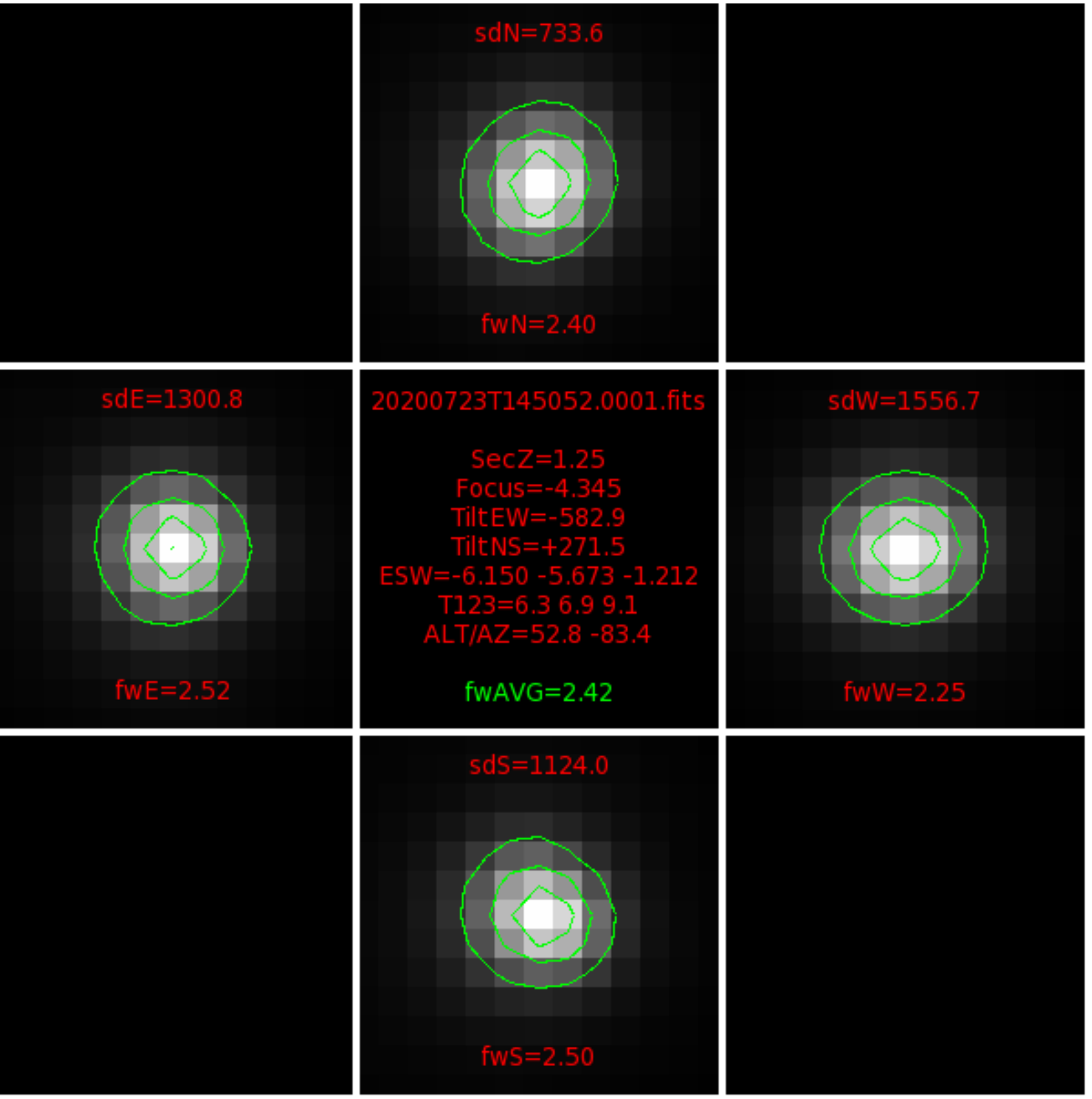
sdN=733.6
fwN=2.40
sdE=1300.8
fwE=2.52
20200723T145052.0001.fits
SecZ=1.25
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.9 9.1
ALT/AZ=52.8 -83.4
fwAVG=2.42
sdW=1556.7
fwW=2.25
sdS=1124.0
fwS=2.50
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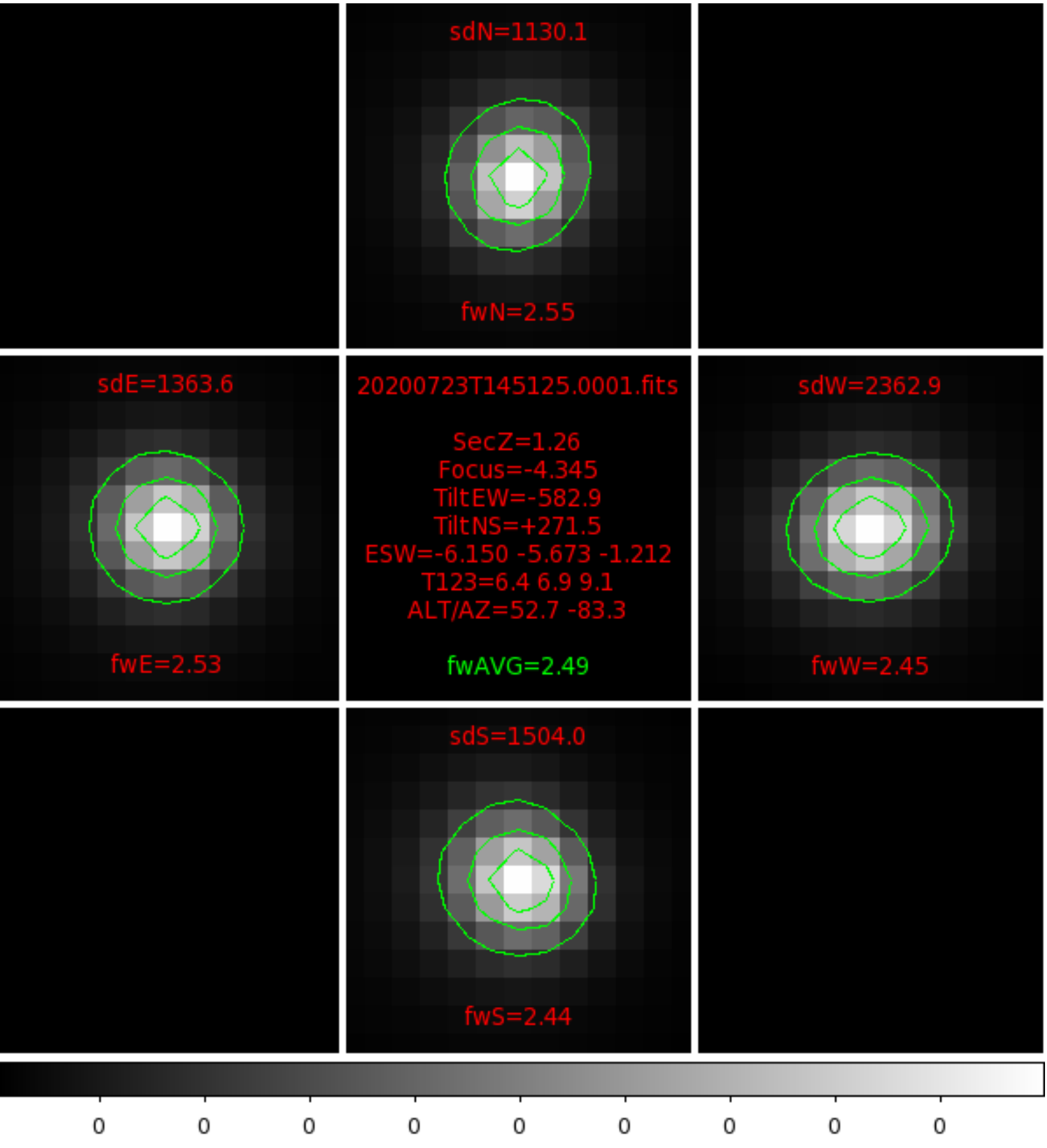
sdN=1130.1
fwN=2.55
sdE=1363.6
fwE=2.53
20200723T145125.0001.fits
SecZ=1.26
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.4 6.9 9.1
ALT/AZ=52.7 -83.3
fwAVG=2.49
sdW=2362.9
fwW=2.45
sdS=1504.0
fwS=2.44
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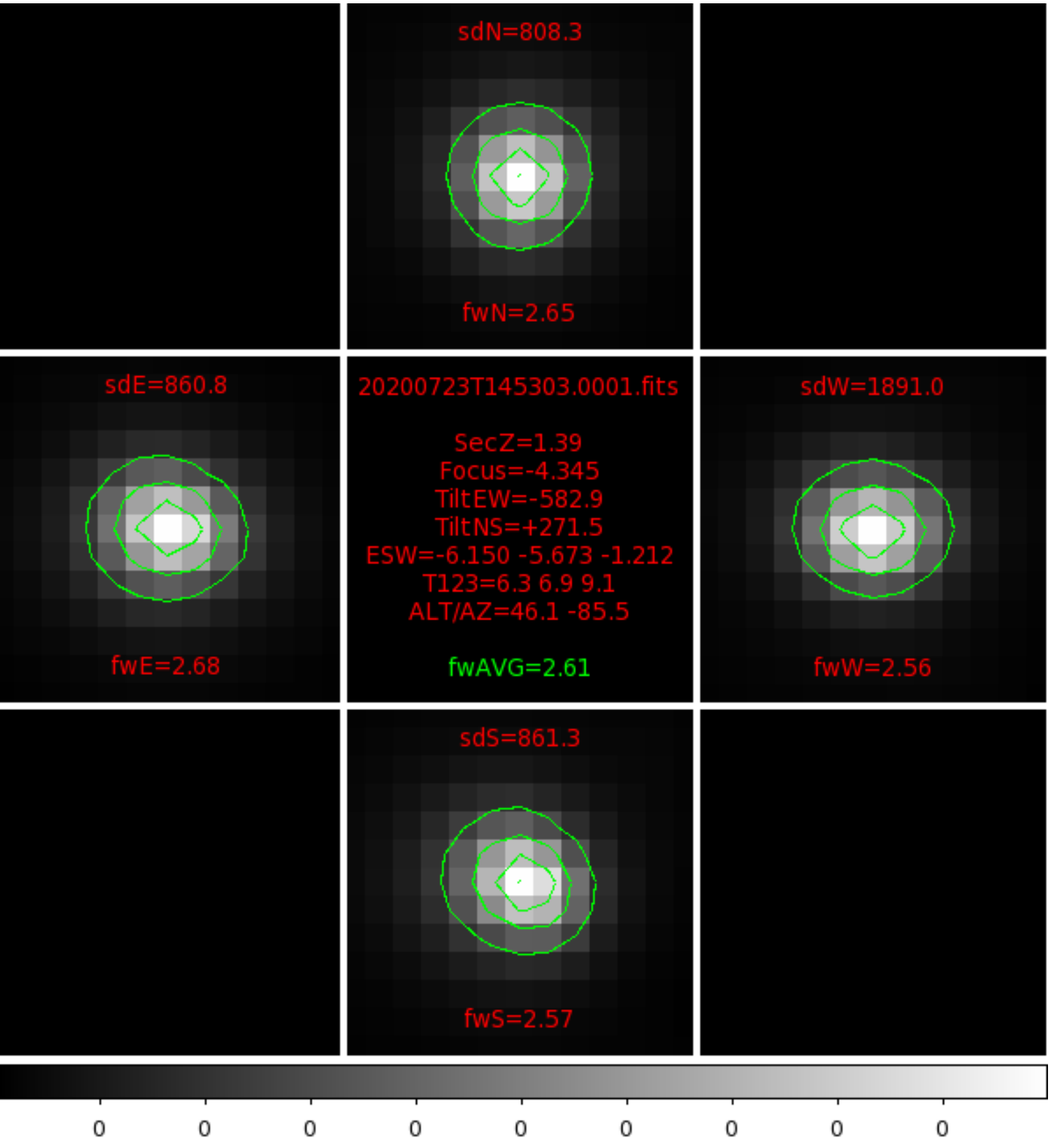
sdN=808.3
fwN=2.65
sdE=860.8
fwE=2.68
20200723T145303.0001.fits
SecZ=1.39
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.9 9.1
ALT/AZ=46.1 -85.5
fwAVG=2.61
sdW=1891.0
fwW=2.56
sdS=861.3
fwS=2.57
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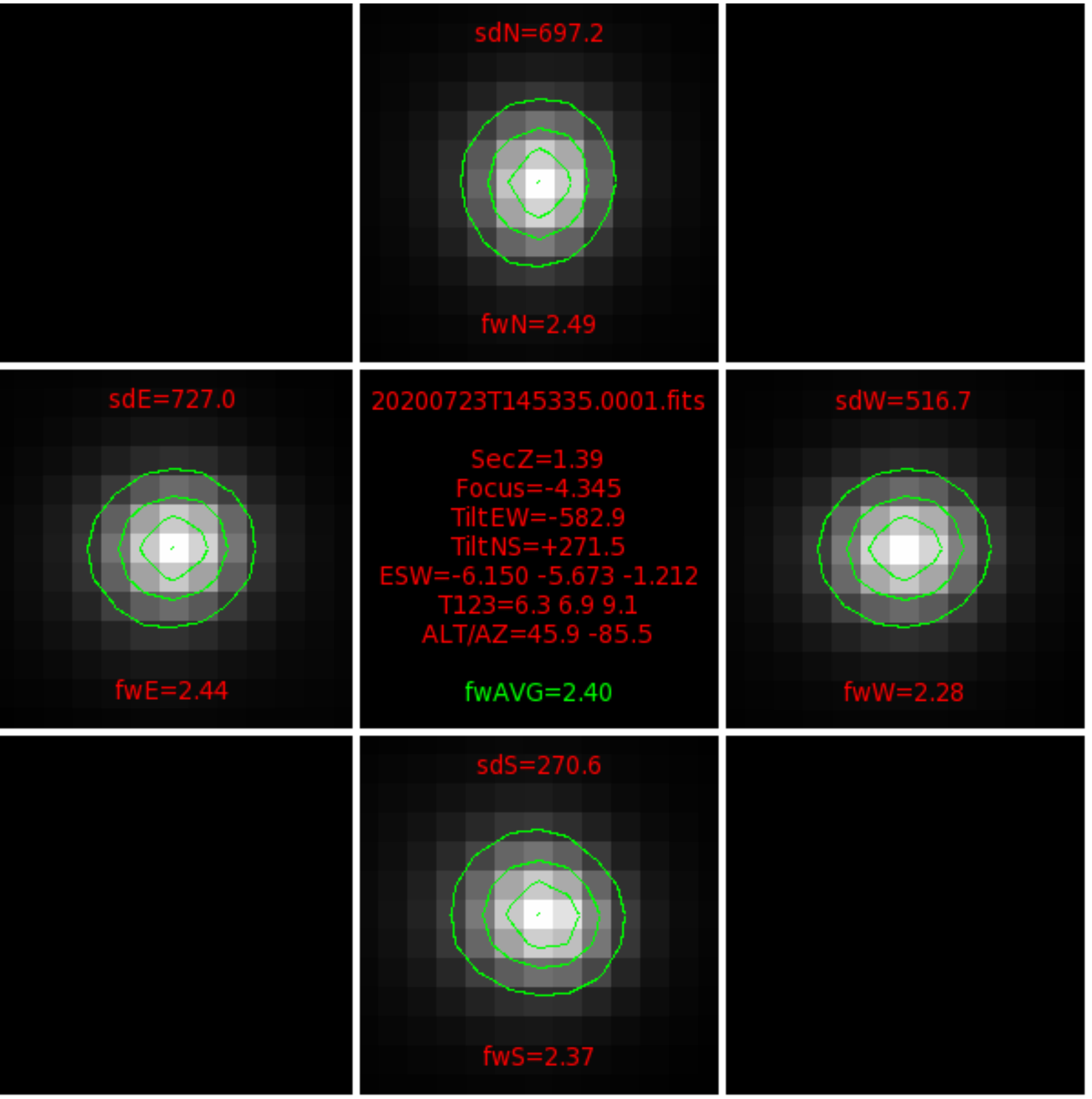
sdN=697.2
fwN=2.49
sdE=727.0
fwE=2.44
20200723T145335.0001.fits
SecZ=1.39
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.9 9.1
ALT/AZ=45.9 -85.5
fwAVG=2.40
sdW=516.7
fwW=2.28
sdS=270.6
fwS=2.37
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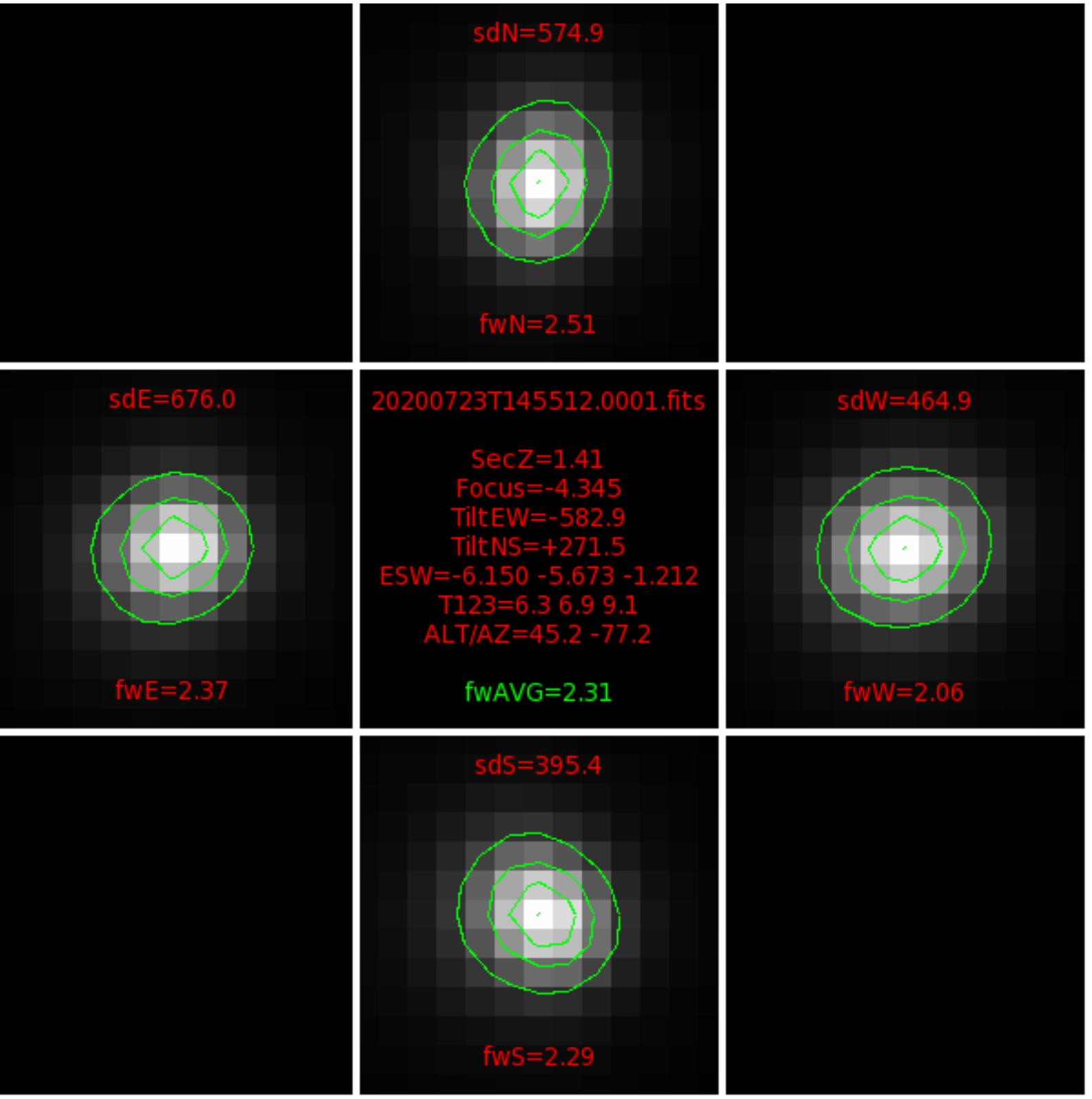
sdN=574.9
fwN=2.51
sdE=676.0
fwE=2.37
20200723T145512.0001.fits
SecZ=1.41
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.9 9.1
ALT/AZ=45.2 -77.2
fwAVG=2.31
sdW=464.9
fwW=2.06
sdS=395.4
fwS=2.29
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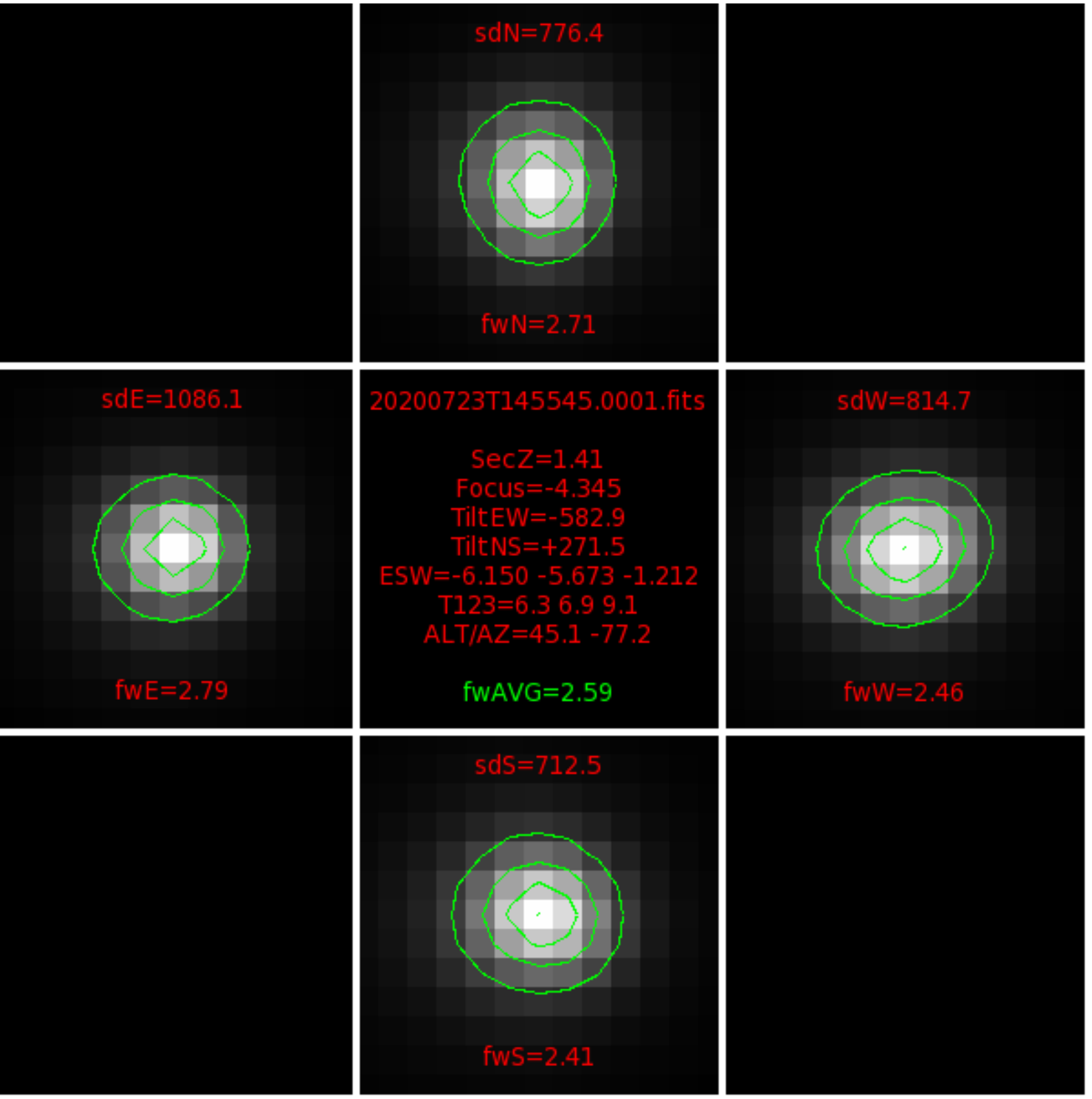
sdN=776.4
fwN=2.71
sdE=1086.1
fwE=2.79
20200723T145545.0001.fits
SecZ=1.41
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.9 9.1
ALT/AZ=45.1 -77.2
fwAVG=2.59
sdW=814.7
fwW=2.46
sdS=712.5
fwS=2.41
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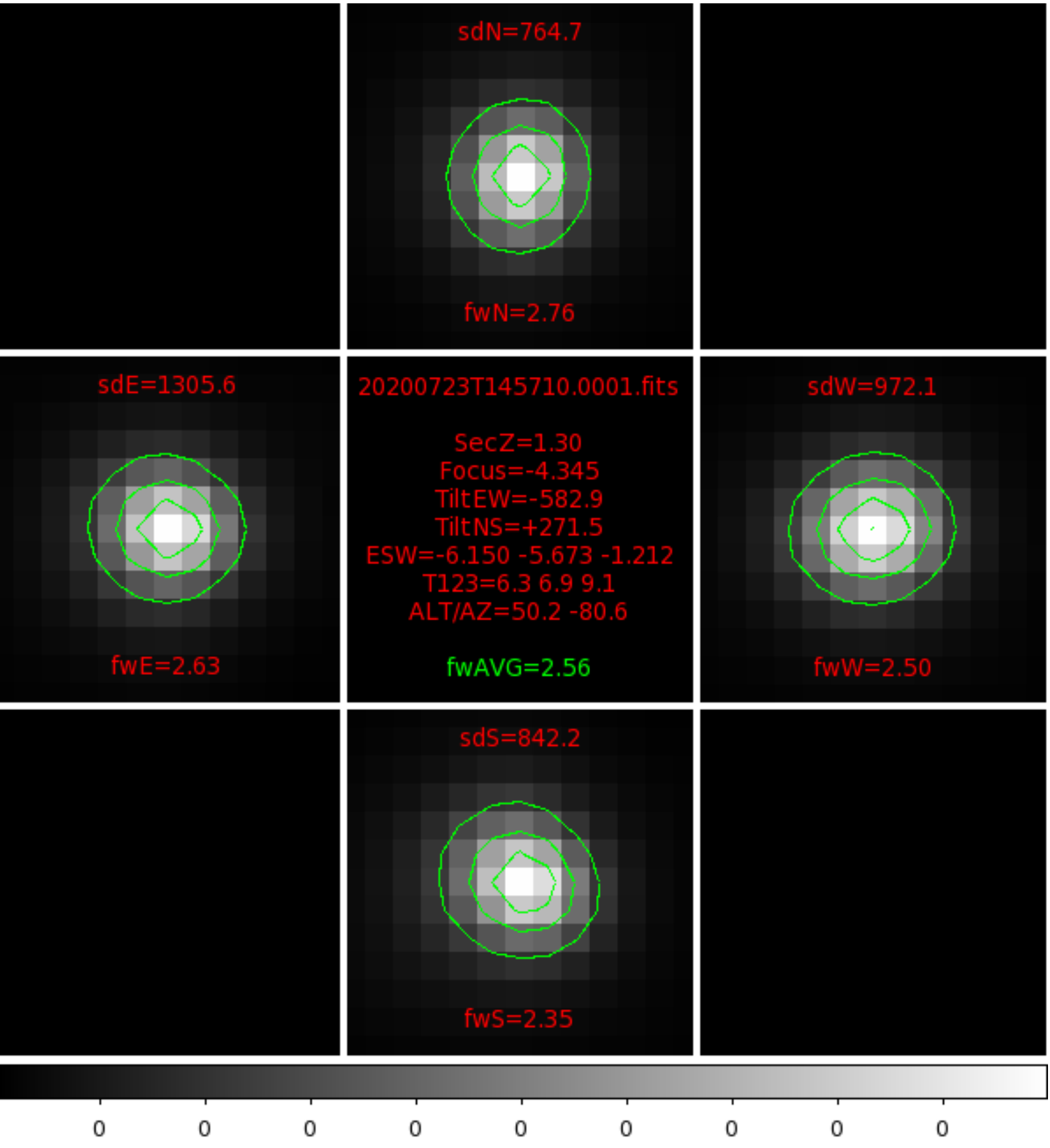
sdN=764.7
fwN=2.76
sdE=1305.6
fwE=2.63
20200723T145710.0001.fits
SecZ=1.30
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.9 9.1
ALT/AZ=50.2 -80.6
fwAVG=2.56
sdW=972.1
fwW=2.50
sdS=842.2
fwS=2.35
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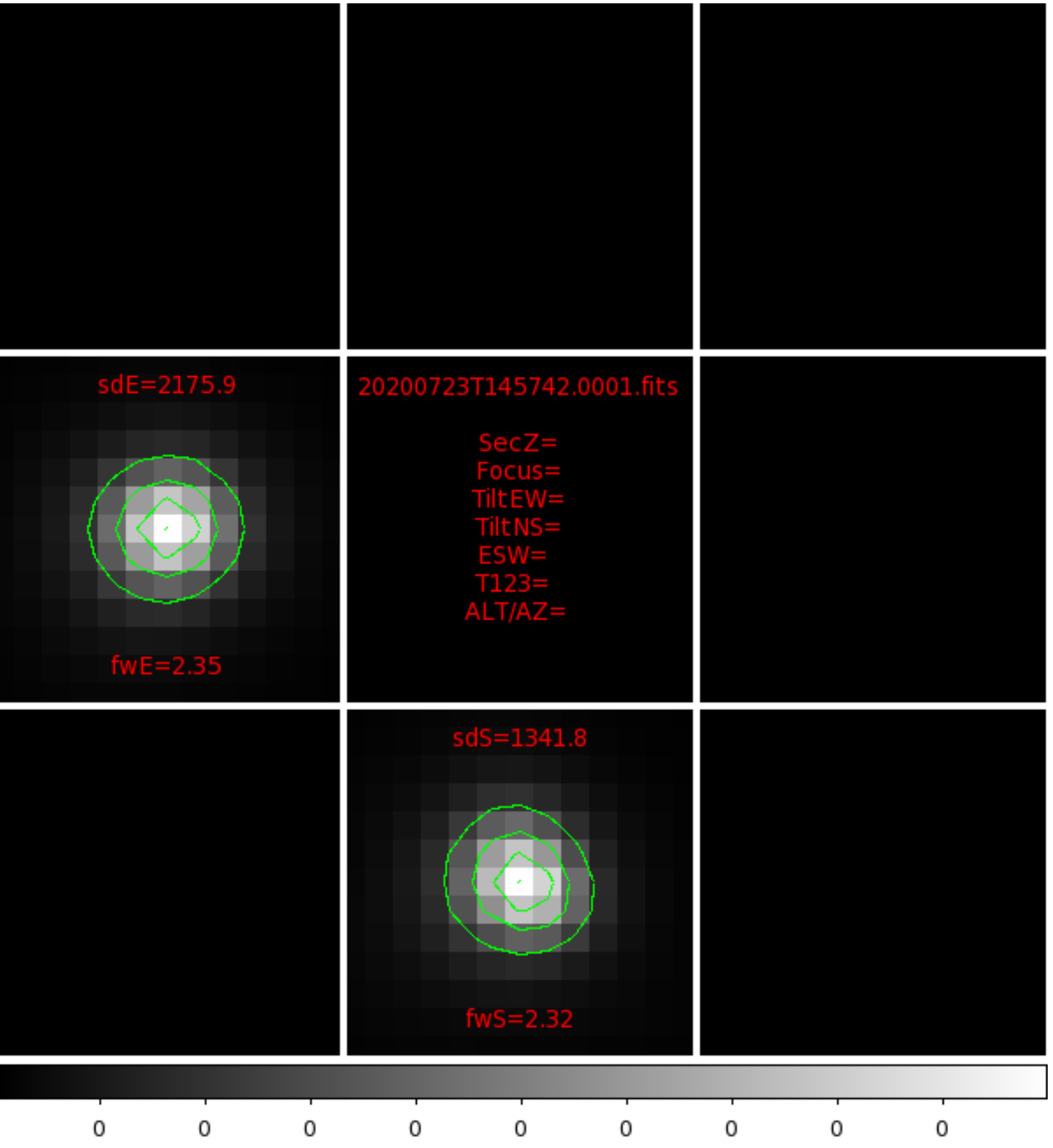
sdE=2175.9
20200723T145742.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=2.35
sdS=1341.8
fwS=2.32
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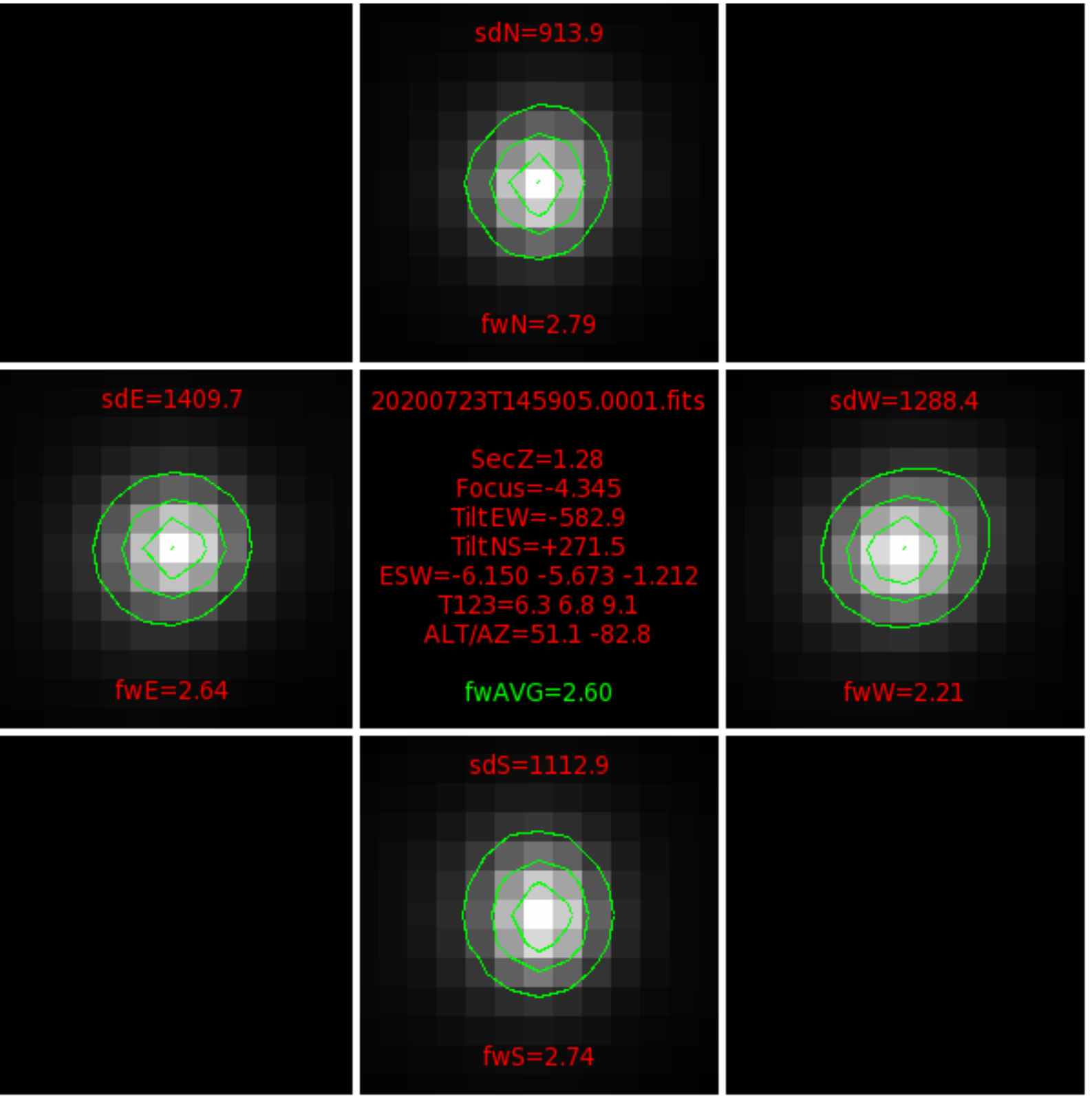
sdN=913.9
fwN=2.79
sdE=1409.7
fwE=2.64
20200723T145905.0001.fits
SecZ=1.28
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.8 9.1
ALT/AZ=51.1 -82.8
fwAVG=2.60
sdW=1288.4
fwW=2.21
sdS=1112.9
fwS=2.74
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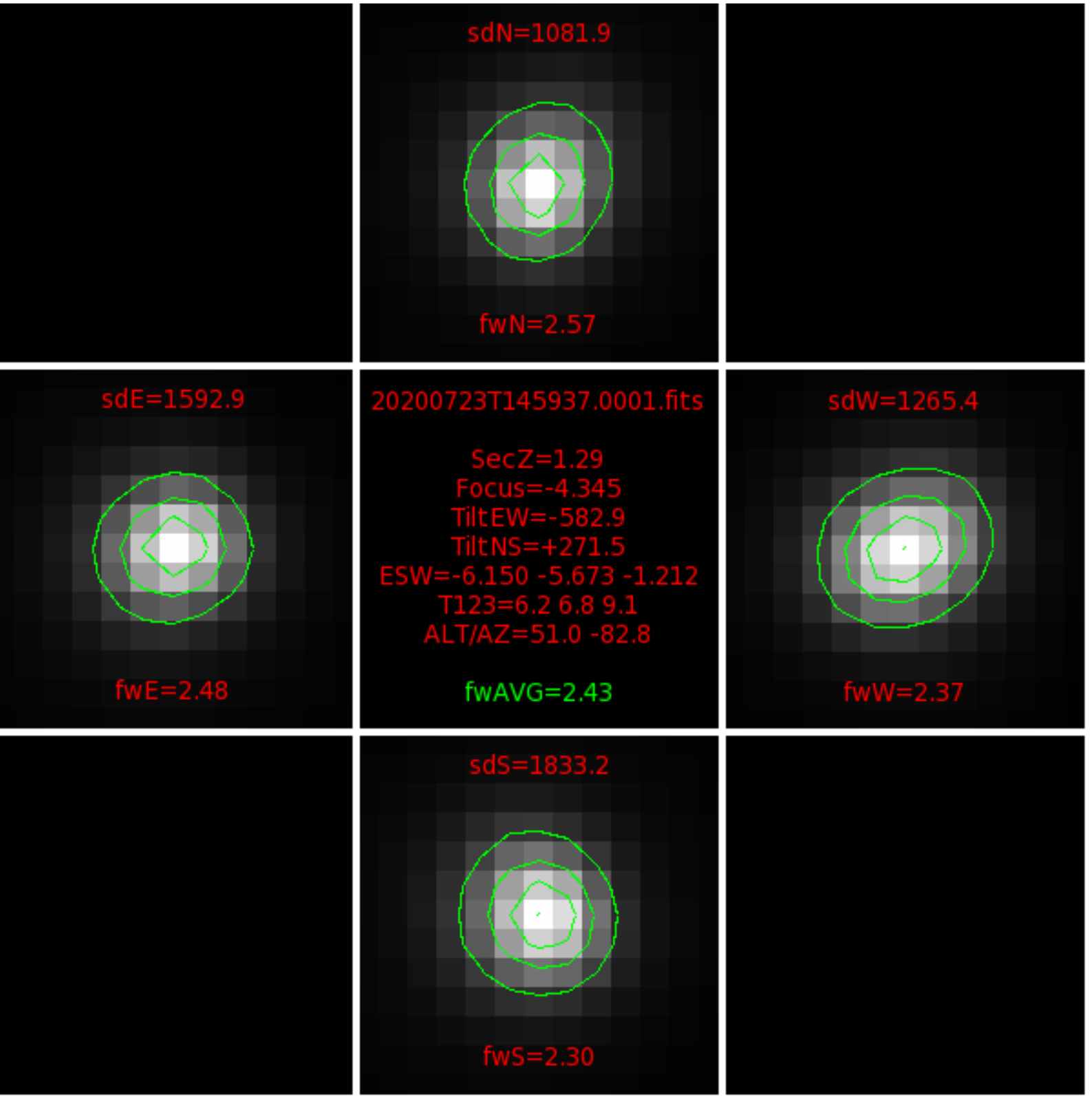
sdN=1081.9
fwN=2.57
sdE=1592.9
fwE=2.48
20200723T145937.0001.fits
SecZ=1.29
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.2 6.8 9.1
ALT/AZ=51.0 -82.8
fwAVG=2.43
sdW=1265.4
fwW=2.37
sdS=1833.2
fwS=2.30
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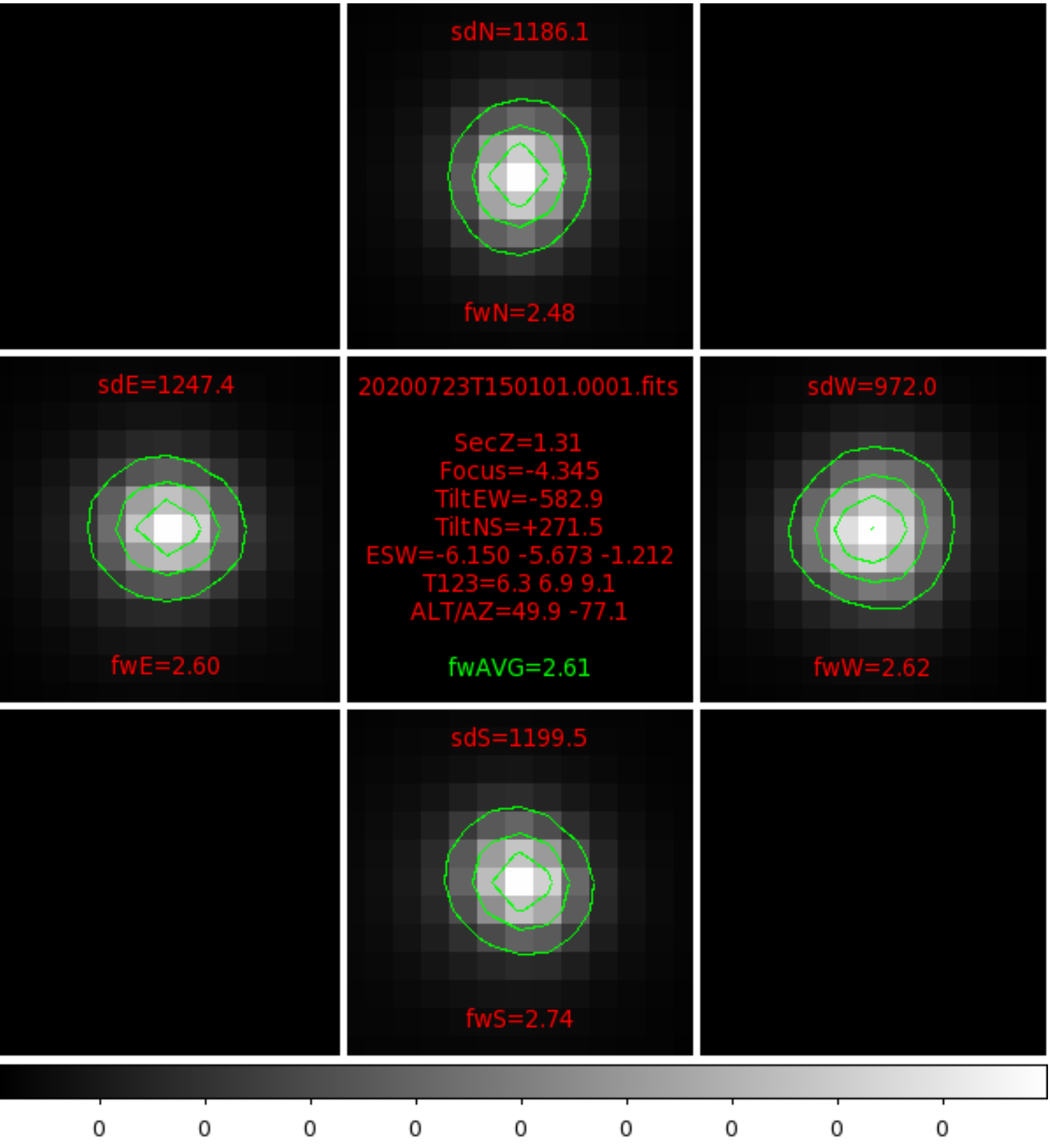
sdN=1186.1
fwN=2.48
sdE=1247.4
fwE=2.60
20200723T150101.0001.fits
SecZ=1.31
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.9 9.1
ALT/AZ=49.9 -77.1
fwAVG=2.61
sdW=972.0
fwW=2.62
sdS=1199.5
fwS=2.74
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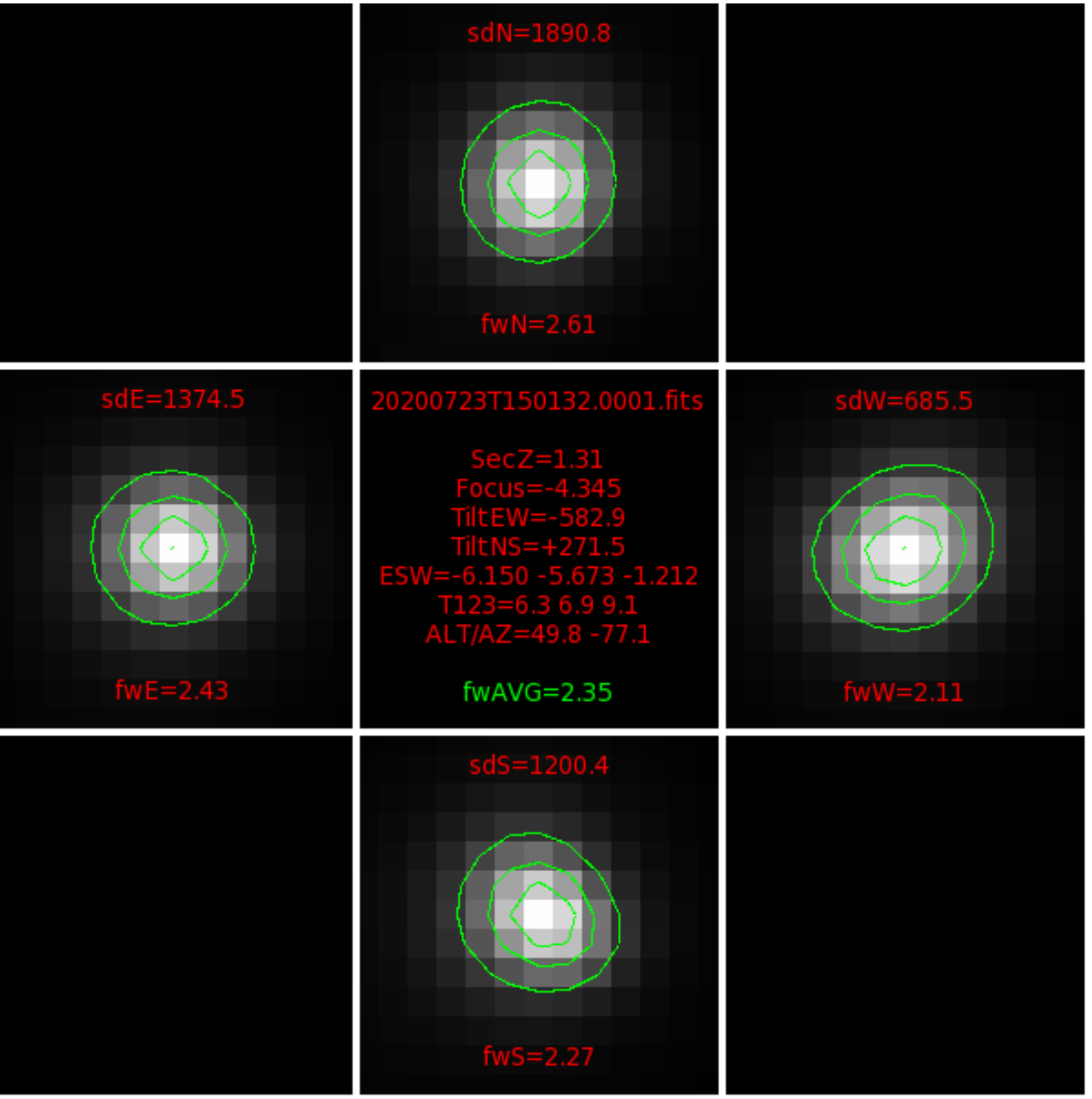
sdN=1890.8
fwN=2.61
sdE=1374.5
fwE=2.43
20200723T150132.0001.fits
SecZ=1.31
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.9 9.1
ALT/AZ=49.8 -77.1
fwAVG=2.35
sdW=685.5
fwW=2.11
sdS=1200.4
fwS=2.27
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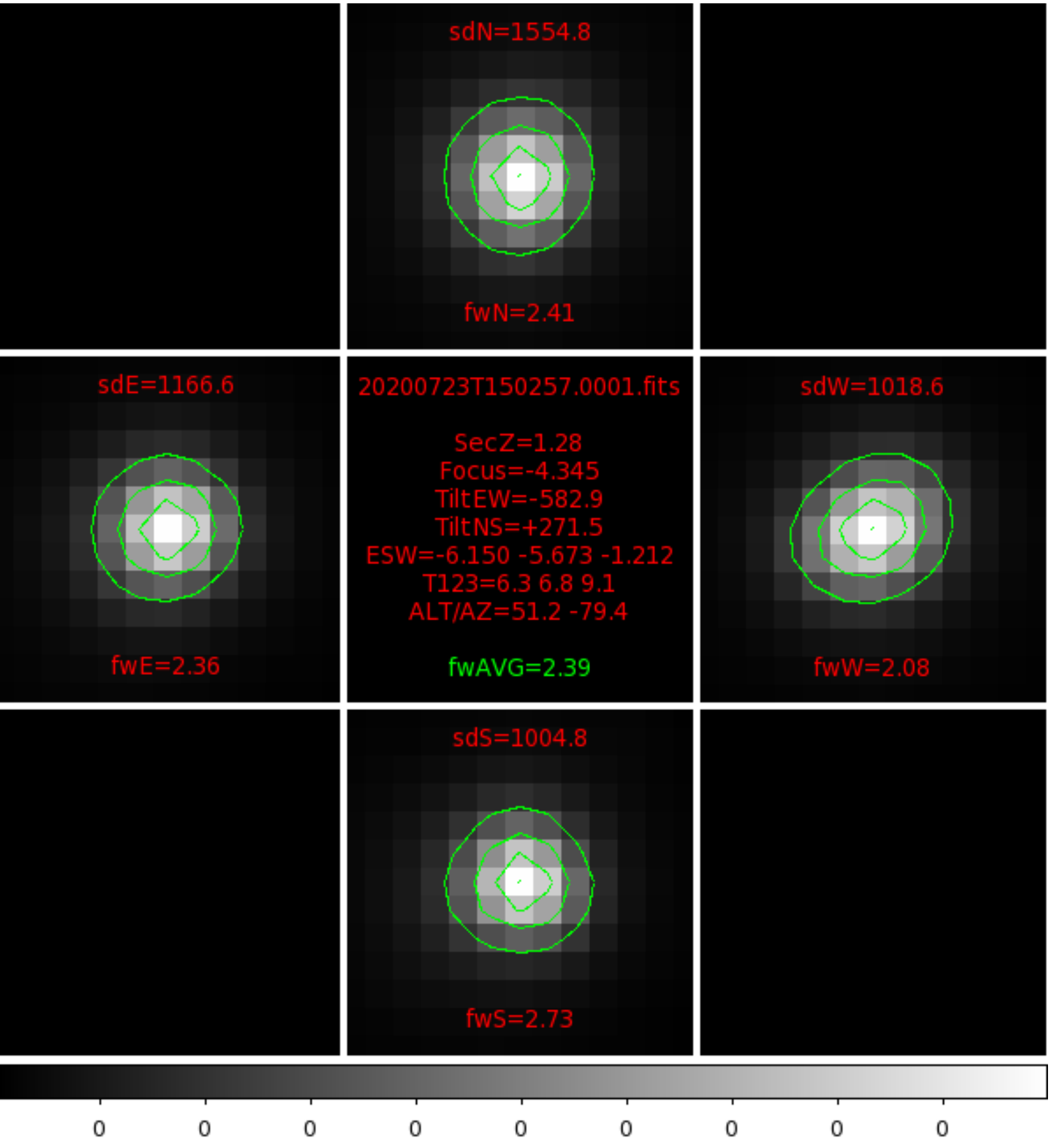
sdN=1554.8
fwN=2.41
sdE=1166.6
fwE=2.36
20200723T150257.0001.fits
SecZ=1.28
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.8 9.1
ALT/AZ=51.2 -79.4
fwAVG=2.39
sdW=1018.6
fwW=2.08
sdS=1004.8
fwS=2.73
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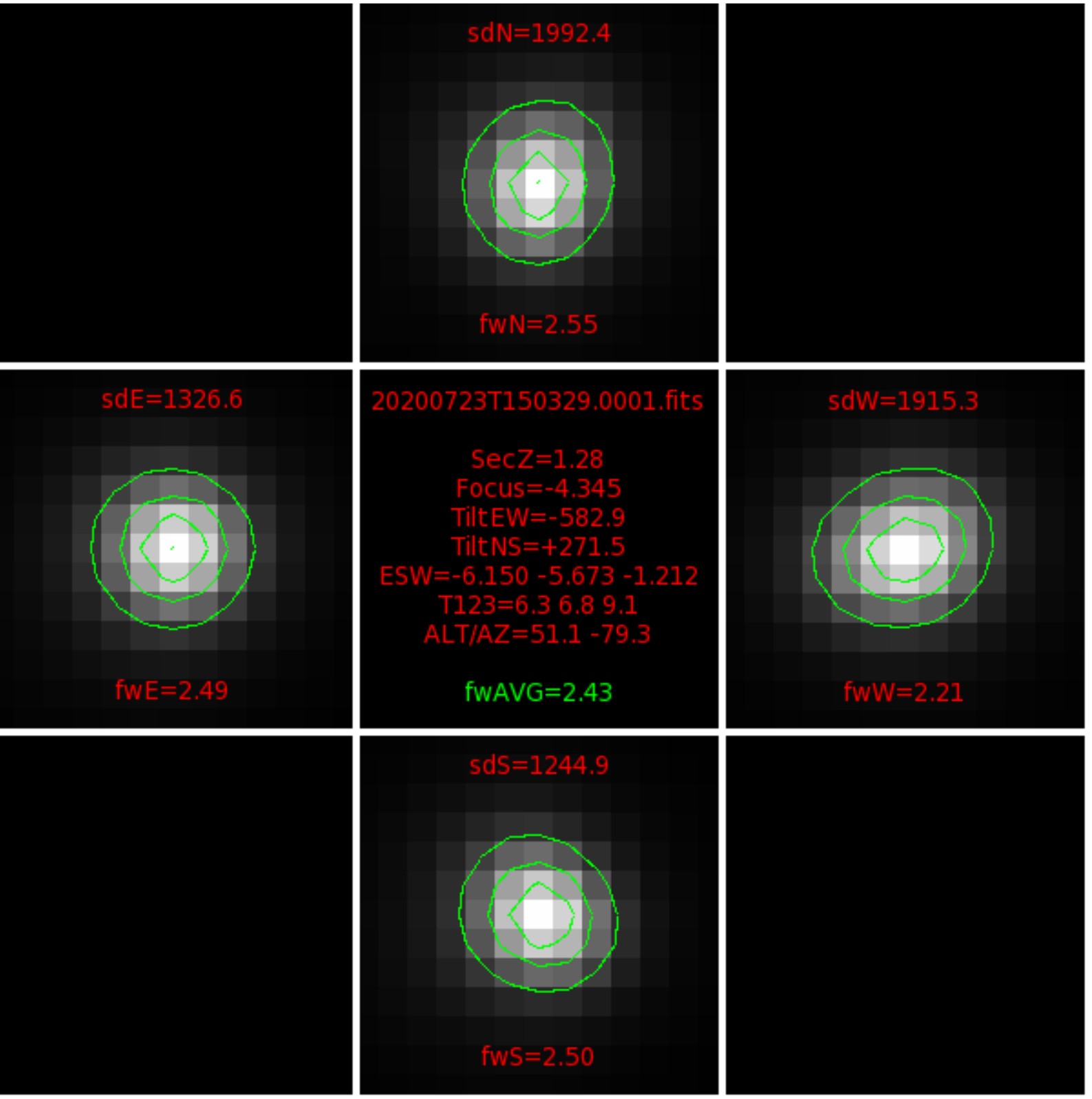
sdN=1992.4
fwN=2.55
sdE=1326.6
fwE=2.49
20200723T150329.0001.fits
SecZ=1.28
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.8 9.1
ALT/AZ=51.1 -79.3
fwAVG=2.43
sdW=1915.3
fwW=2.21
sdS=1244.9
fwS=2.50
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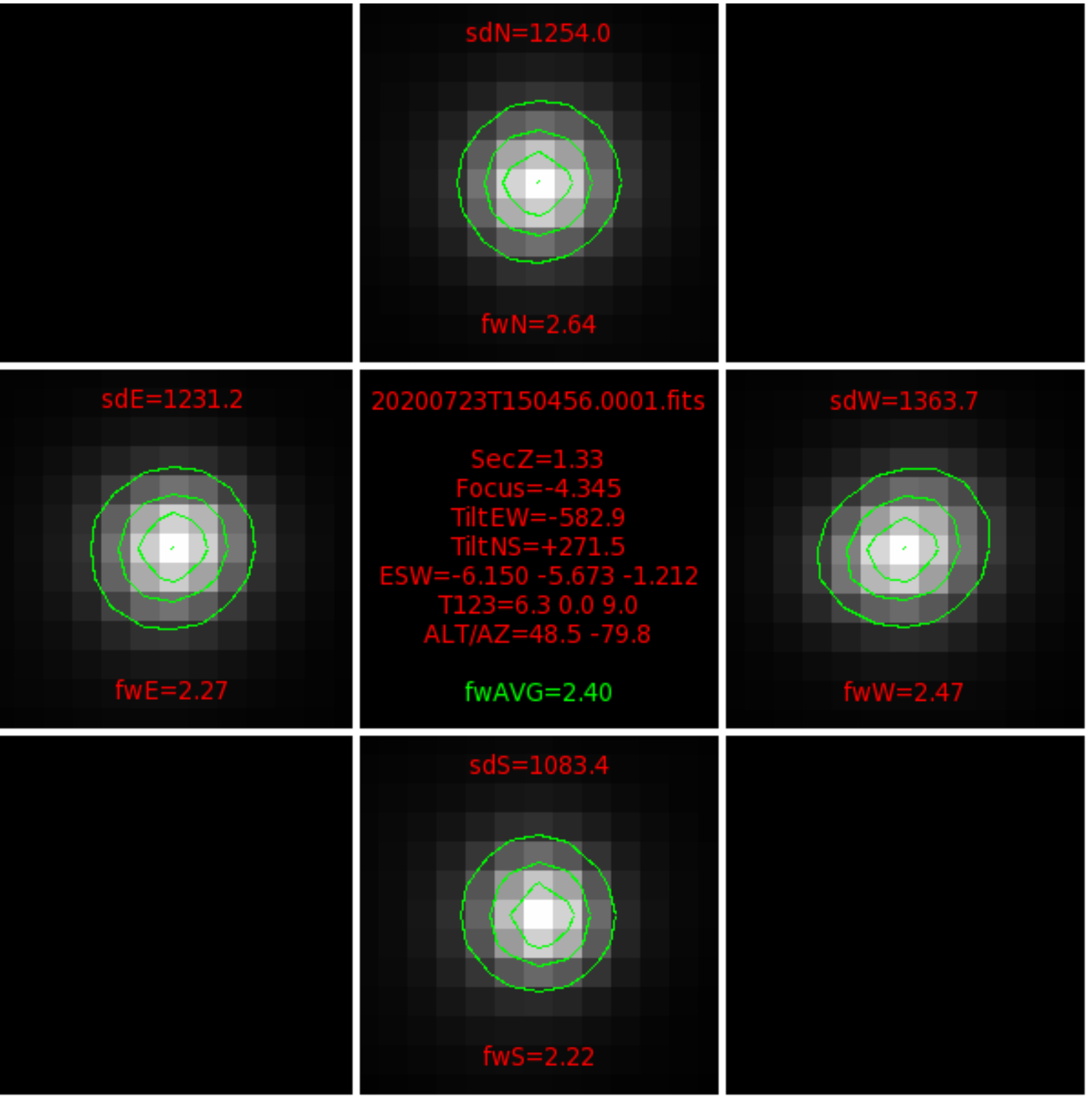
sdN=1254.0
fwN=2.64
sdE=1231.2
fwE=2.27
20200723T150456.0001.fits
SecZ=1.33
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 0.0 9.0
ALT/AZ=48.5 -79.8
fwAVG=2.40
sdW=1363.7
fwW=2.47
sdS=1083.4
fwS=2.22
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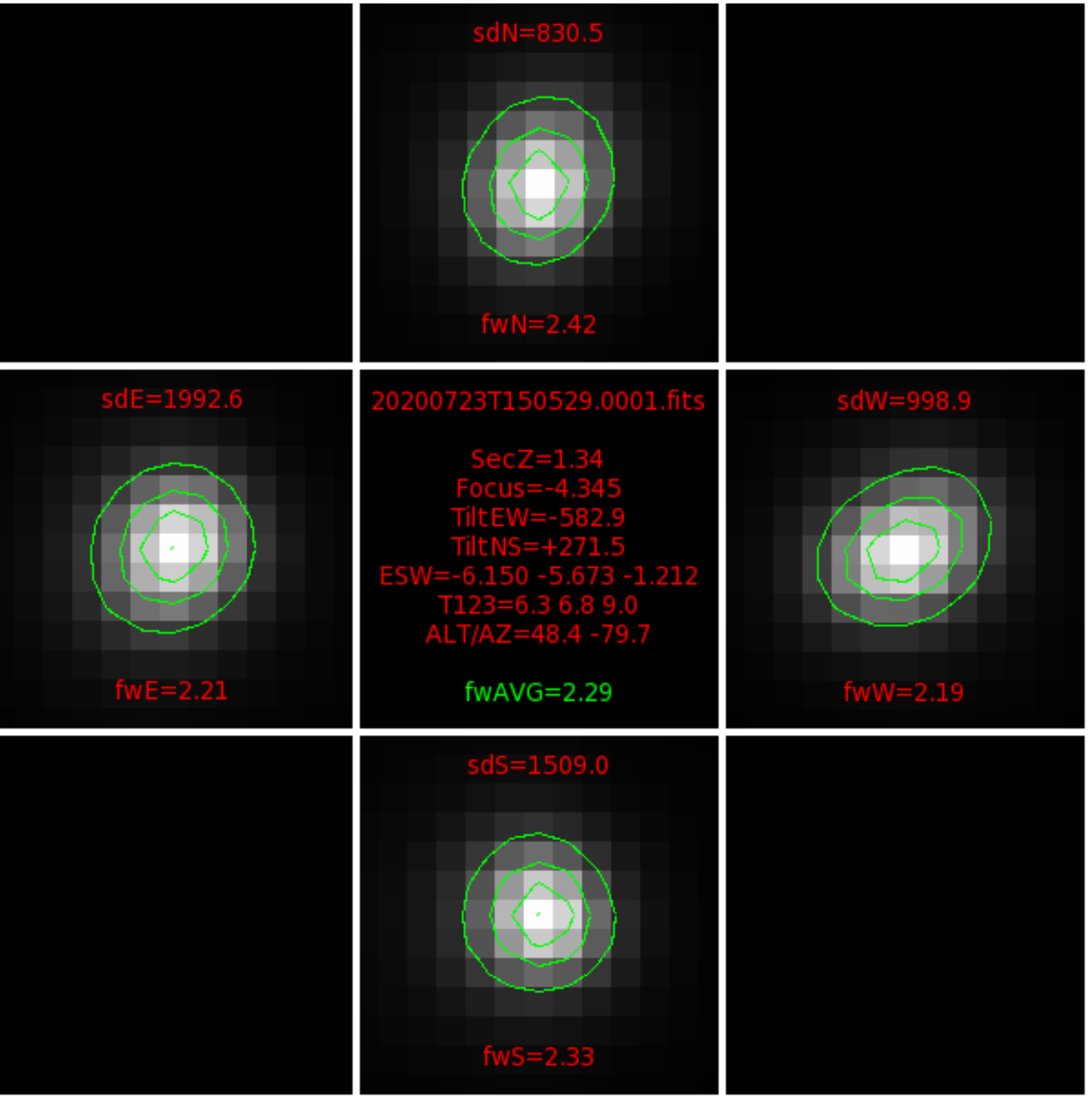
sdN=830.5
fwN=2.42
sdE=1992.6
fwE=2.21
20200723T150529.0001.fits
SecZ=1.34
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.8 9.0
ALT/AZ=48.4 -79.7
fwAVG=2.29
sdW=998.9
fwW=2.19
sdS=1509.0
fwS=2.33
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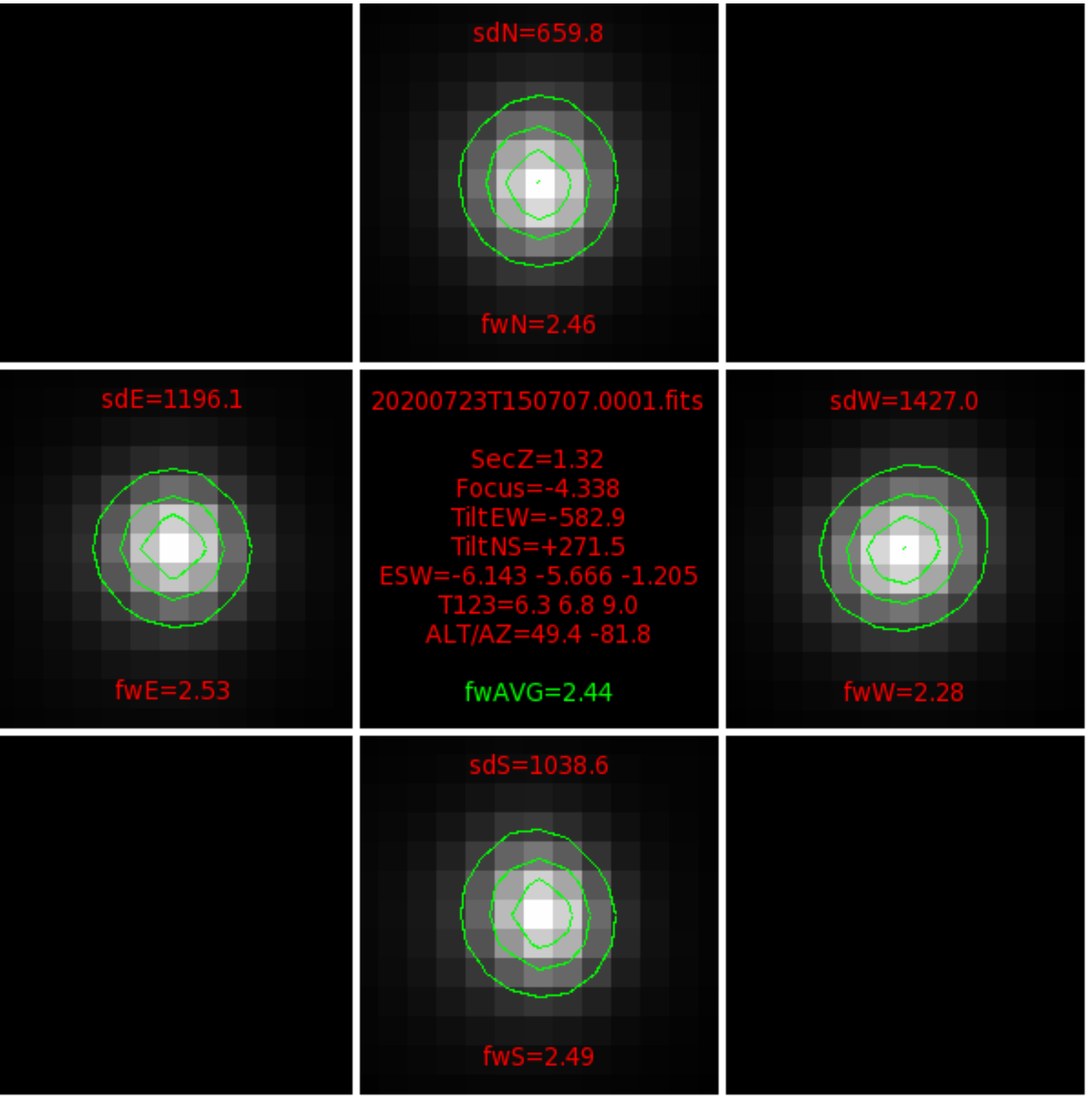
sdN=659.8
fwN=2.46
sdE=1196.1
fwE=2.53
20200723T150707.0001.fits
SecZ=1.32
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.3 6.8 9.0
ALT/AZ=49.4 -81.8
fwAVG=2.44
sdW=1427.0
fwW=2.28
sdS=1038.6
fwS=2.49
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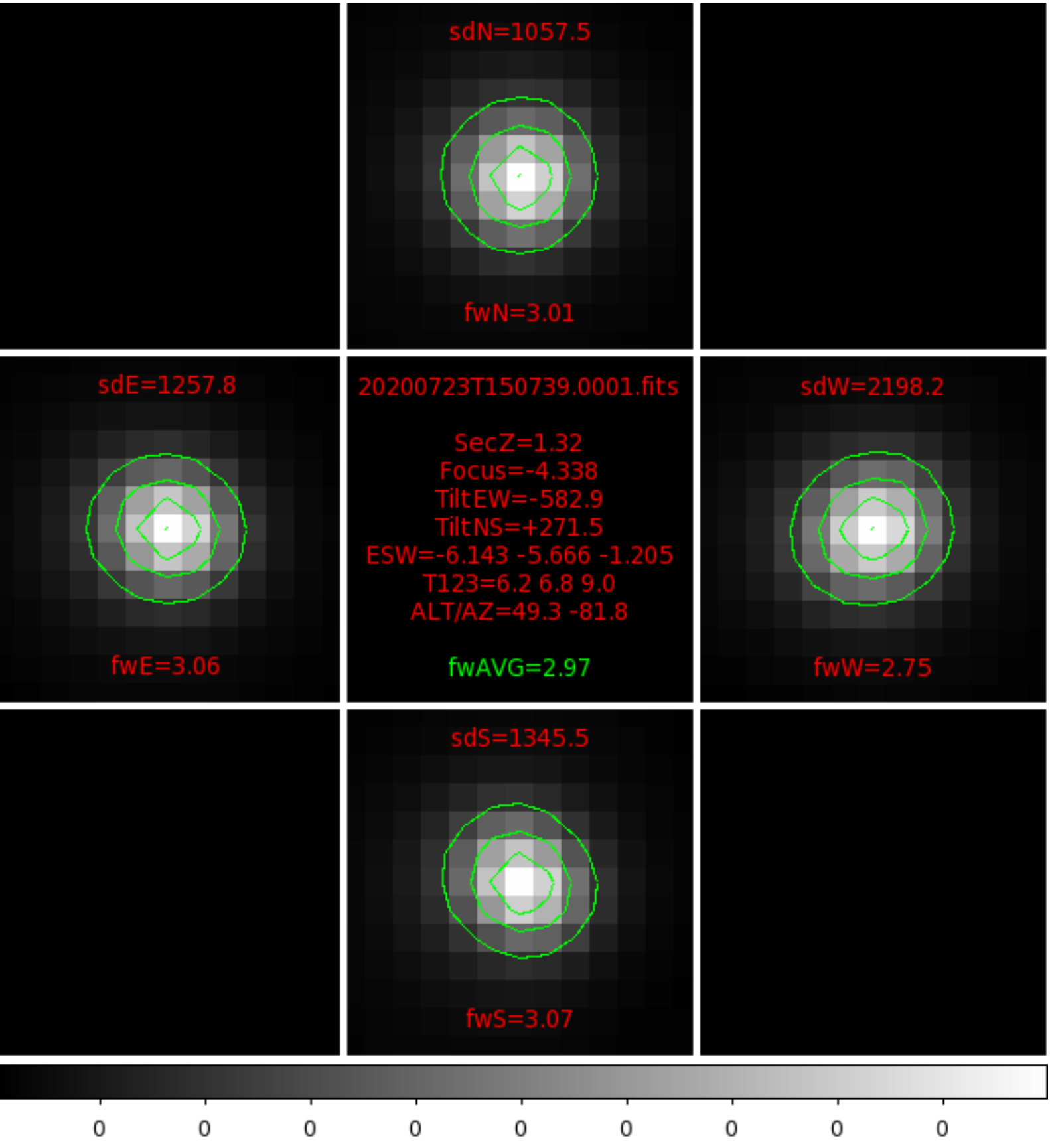
sdN=1057.5
fwN=3.01
sdE=1257.8
fwE=3.06
20200723T150739.0001.fits
SecZ=1.32
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.2 6.8 9.0
ALT/AZ=49.3 -81.8
fwAVG=2.97
sdW=2198.2
fwW=2.75
sdS=1345.5
fwS=3.07
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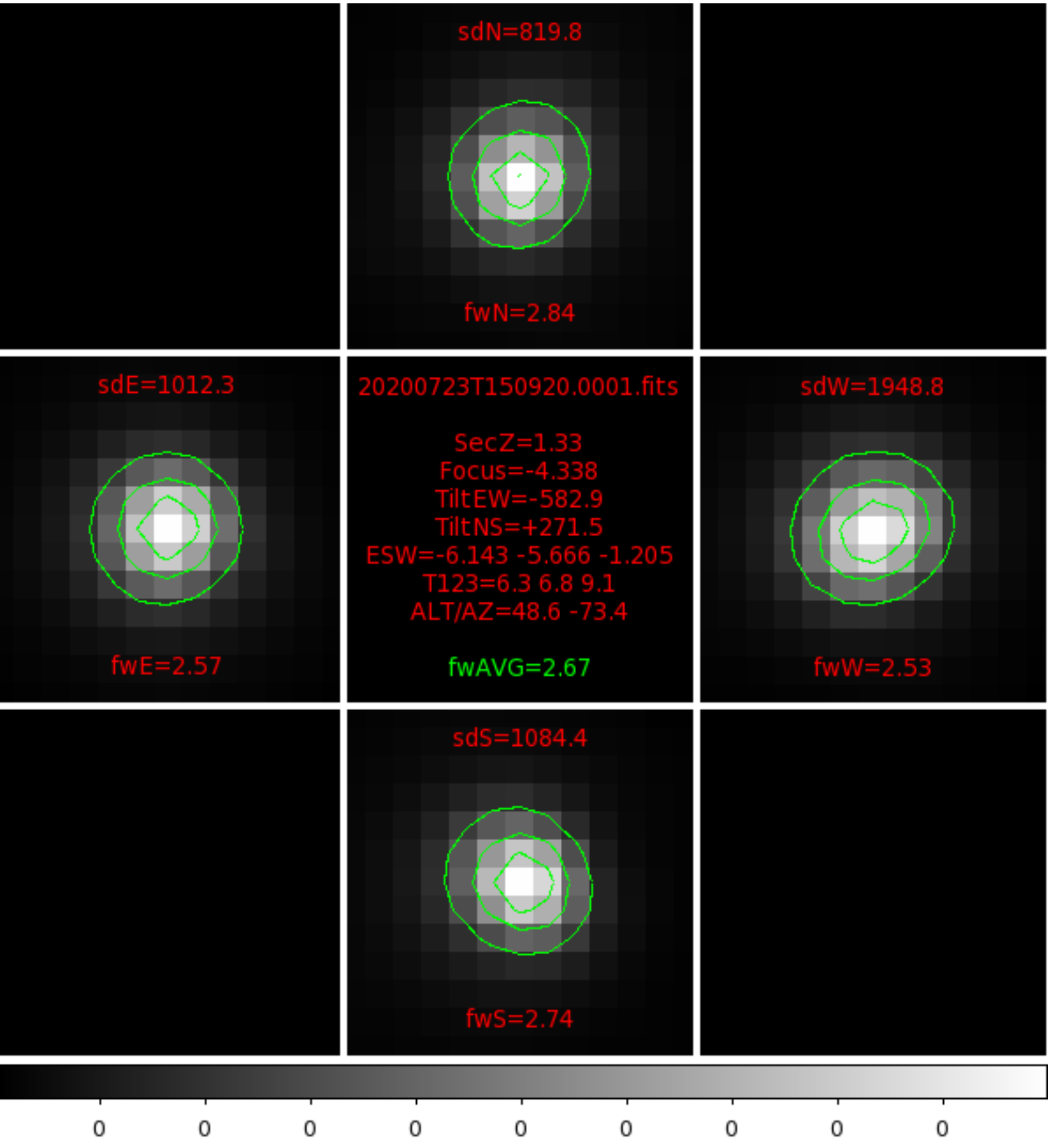
sdN=819.8
fwN=2.84
sdE=1012.3
fwE=2.57
20200723T150920.0001.fits
SecZ=1.33
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.3 6.8 9.1
ALT/AZ=48.6 -73.4
fwAVG=2.67
sdW=1948.8
fwW=2.53
sdS=1084.4
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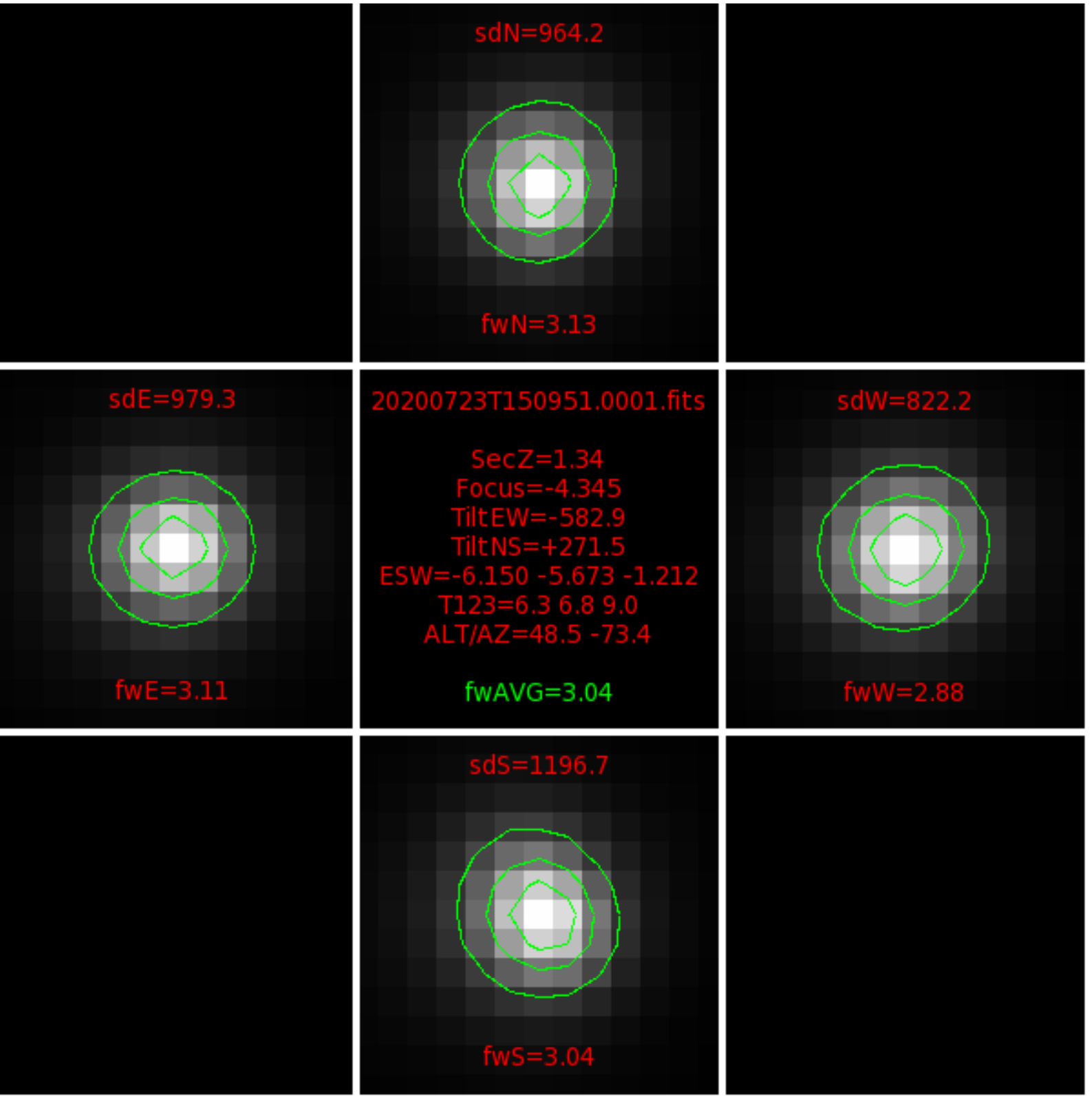
sdN=964.2
fwN=3.13
sdE=979.3
fwE=3.11
20200723T150951.0001.fits
SecZ=1.34
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.3 6.8 9.0
ALT/AZ=48.5 -73.4
fwAVG=3.04
sdW=822.2
fwW=2.88
sdS=1196.7
fwS=3.04
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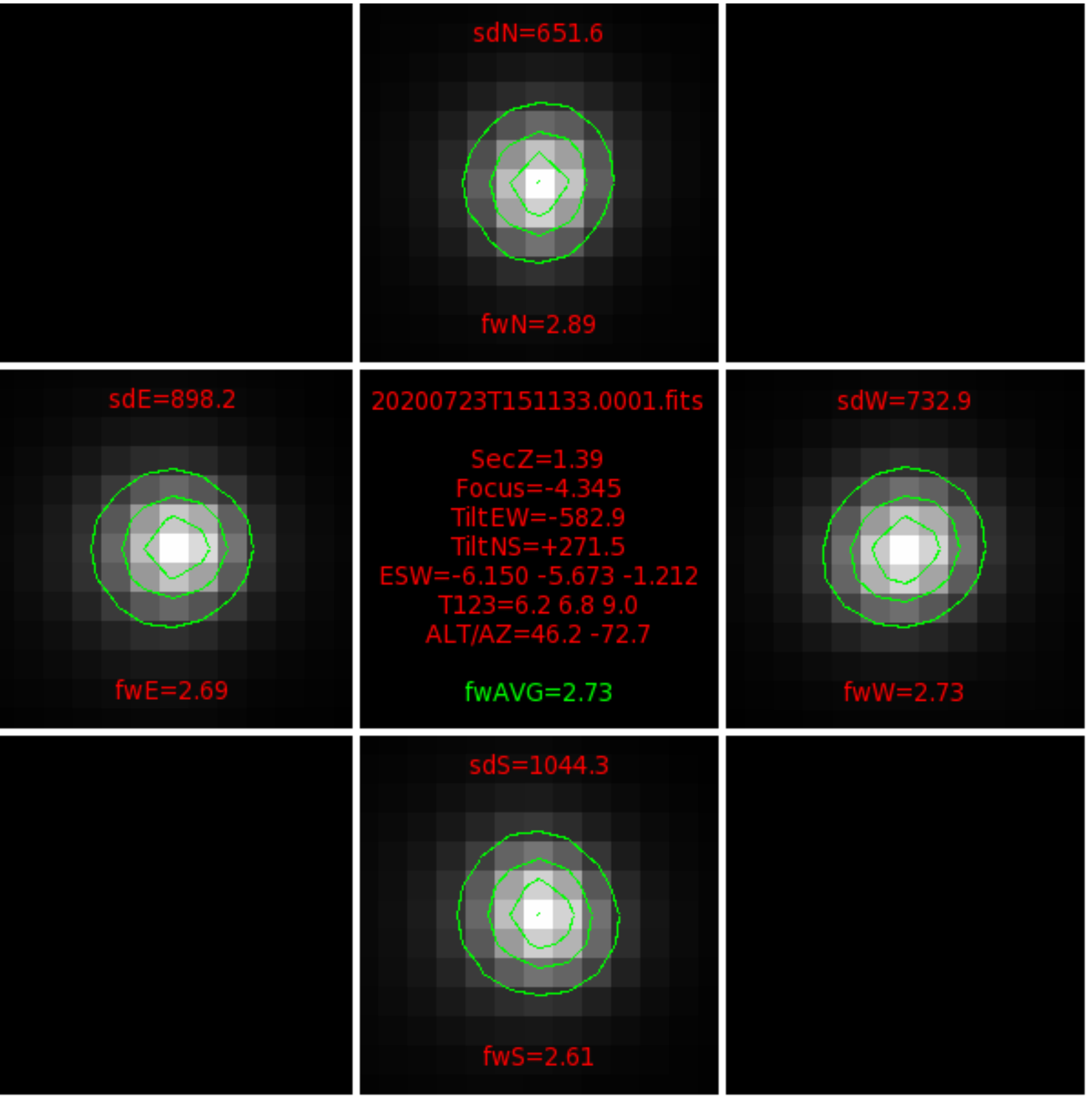
sdN=651.6
fwN=2.89
sdE=898.2
fwE=2.69
20200723T151133.0001.fits
SecZ=1.39
Focus=-4.345
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.150 -5.673 -1.212
T123=6.2 6.8 9.0
ALT/AZ=46.2 -72.7
fwAVG=2.73
sdW=732.9
fwW=2.73
sdS=1044.3
fwS=2.61
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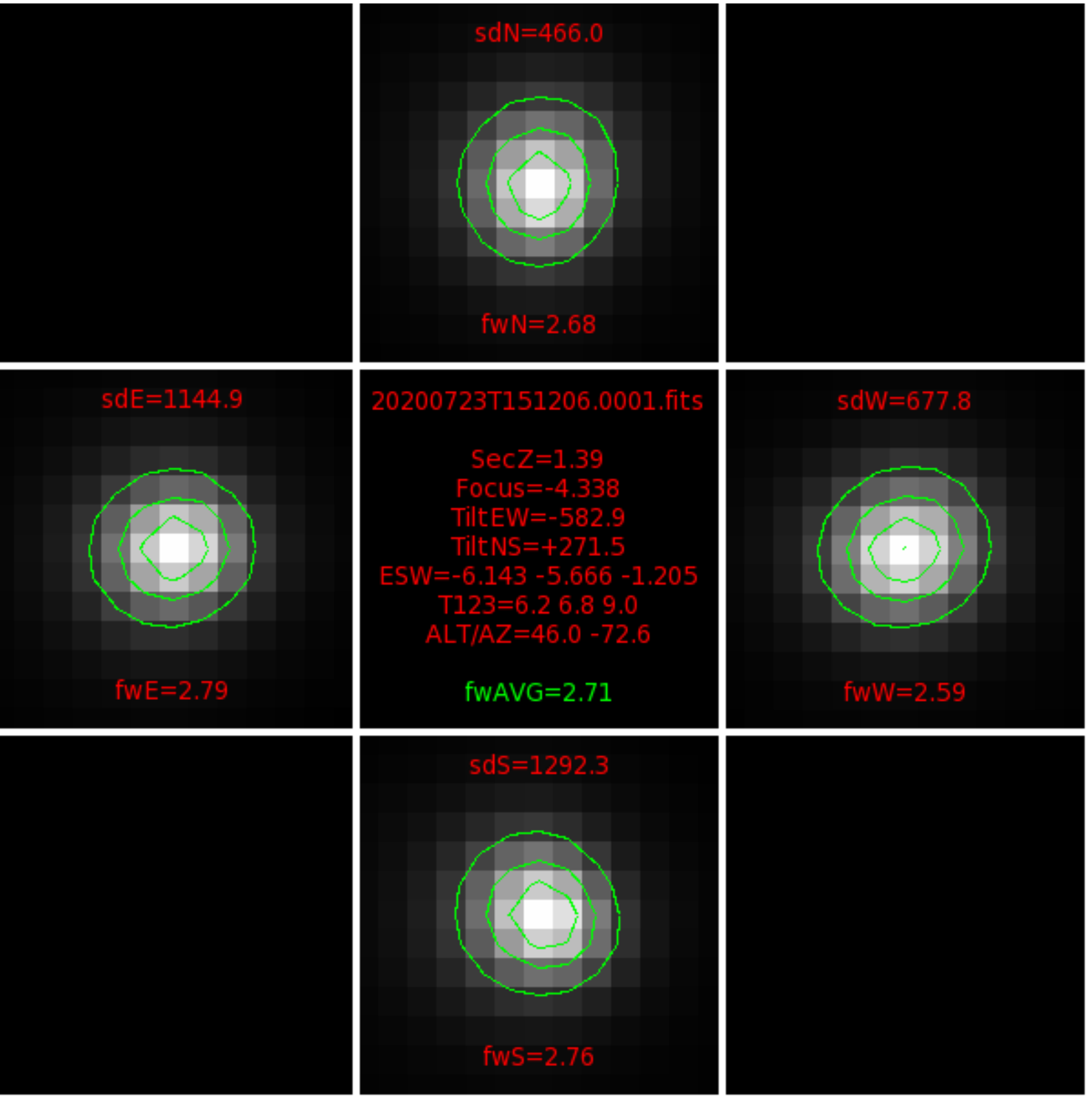
sdN=466.0
fwN=2.68
sdE=1144.9
fwE=2.79
20200723T151206.0001.fits
SecZ=1.39
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.2 6.8 9.0
ALT/AZ=46.0 -72.6
fwAVG=2.71
sdW=677.8
fwW=2.59
sdS=1292.3
fwS=2.76
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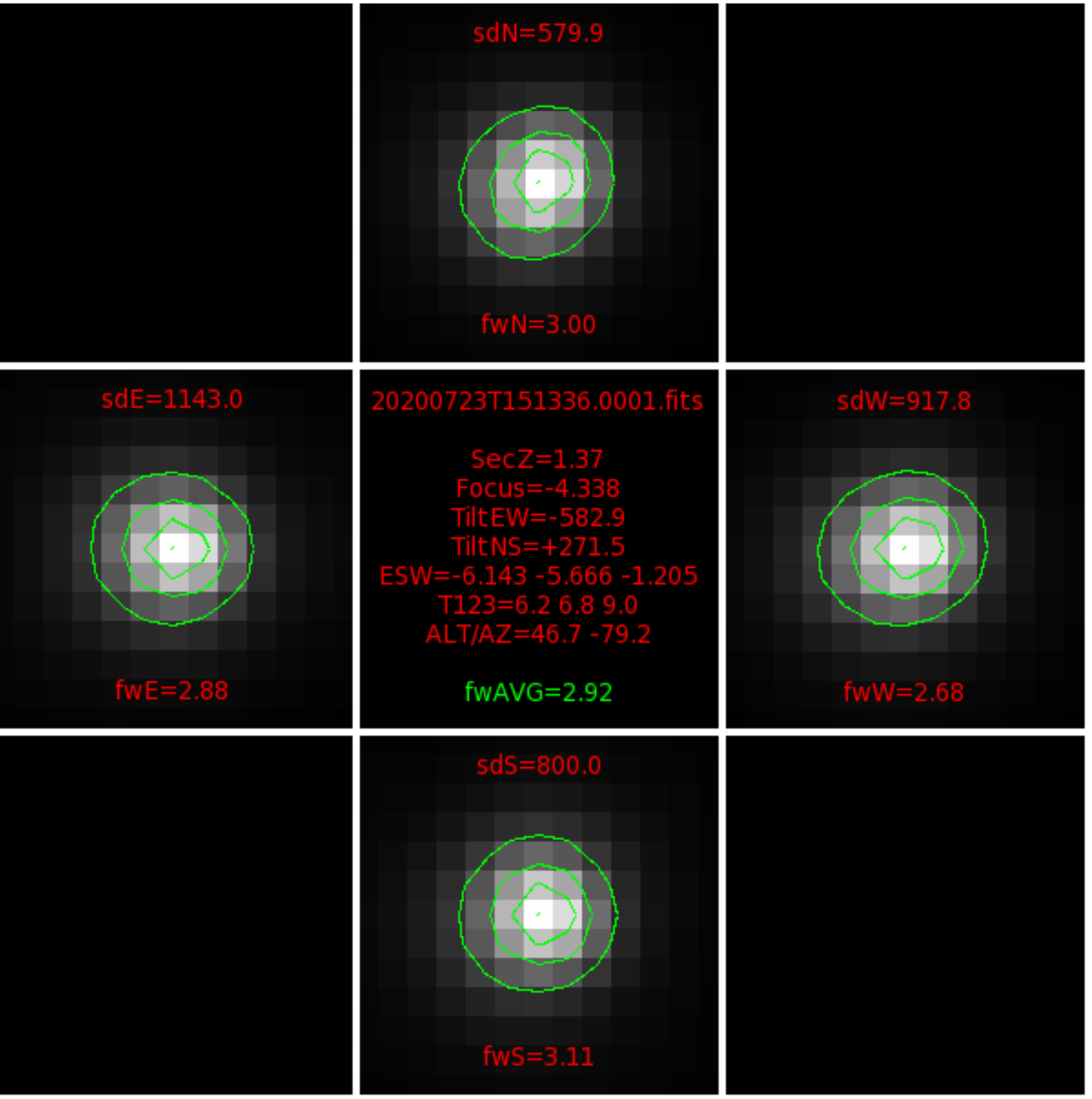
sdN=579.9
fwN=3.00
sdE=1143.0
fwE=2.88
20200723T151336.0001.fits
SecZ=1.37
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.2 6.8 9.0
ALT/AZ=46.7 -79.2
fwAVG=2.92
sdW=917.8
fwW=2.68
sdS=800.0
fwS=3.11
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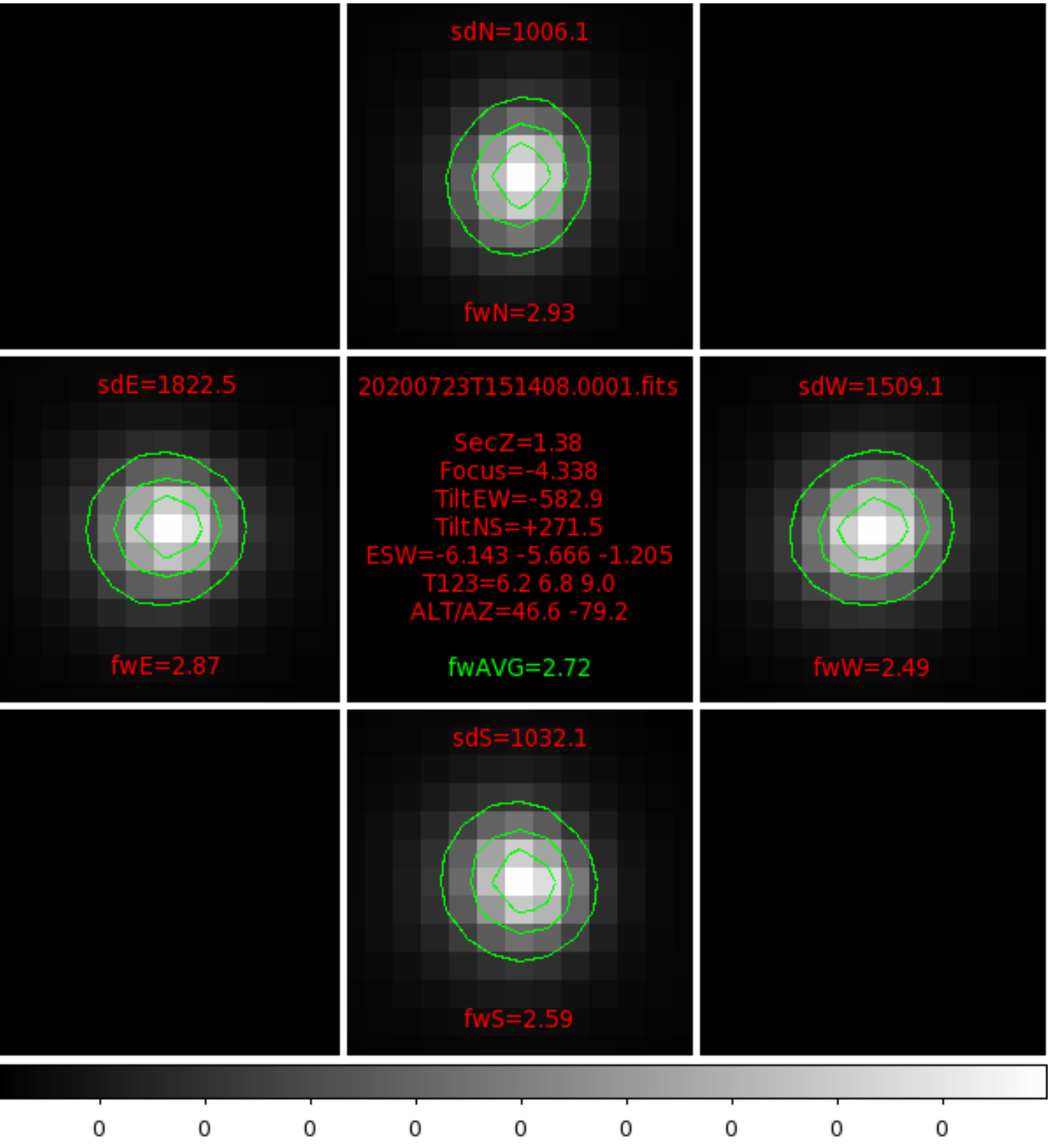
sdN=1006.1
fwN=2.93
sdE=1822.5
fwE=2.87
20200723T151408.0001.fits
SecZ=1.38
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.2 6.8 9.0
ALT/AZ=46.6 -79.2
fwAVG=2.72
sdW=1509.1
fwW=2.49
sdS=1032.1
fwS=2.59
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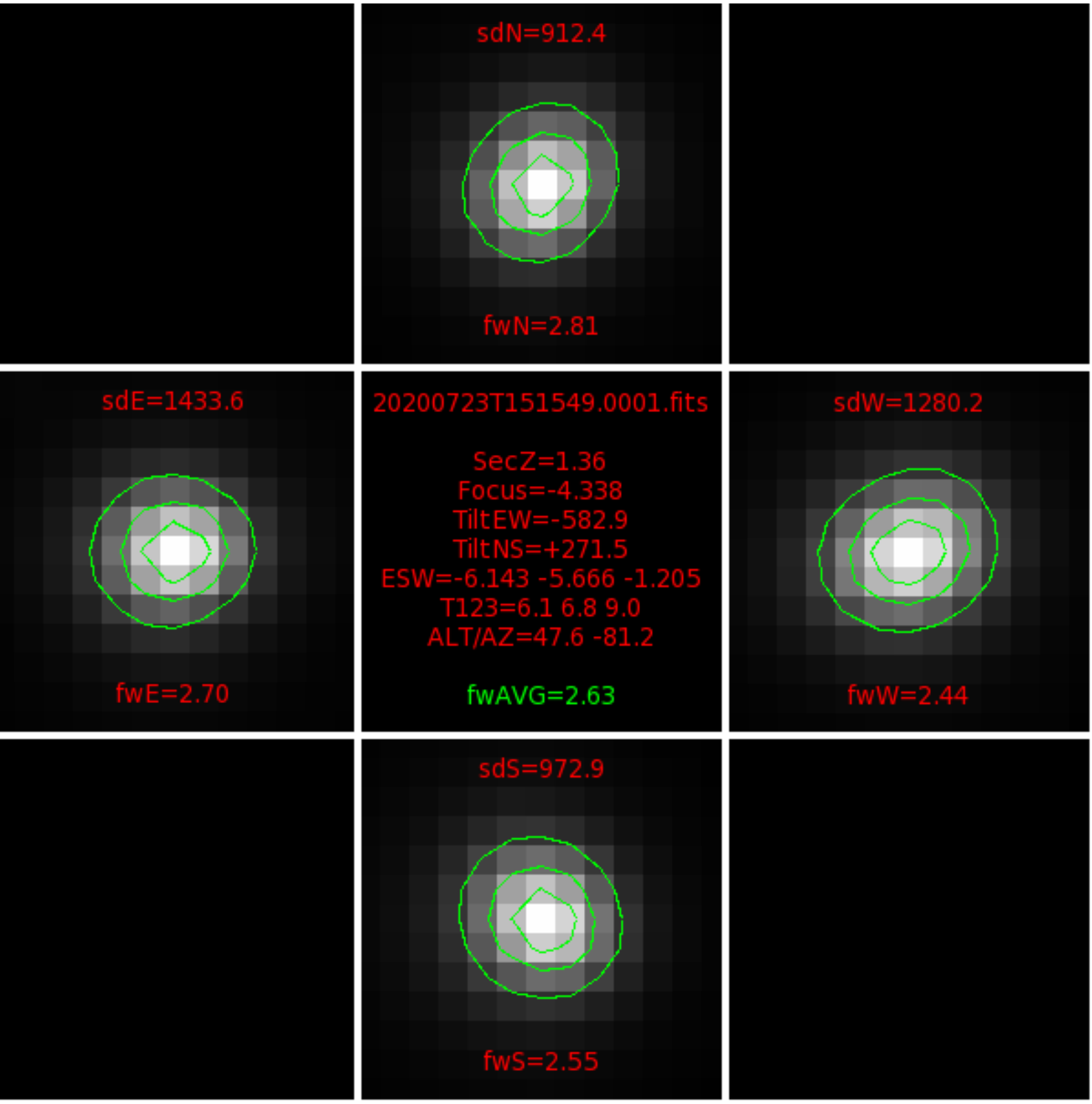
sdN=912.4
fwN=2.81
sdE=1433.6
fwE=2.70
20200723T151549.0001.fits
SecZ=1.36
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.8 9.0
ALT/AZ=47.6 -81.2
fwAVG=2.63
sdW=1280.2
fwW=2.44
sdS=972.9
fwS=2.55
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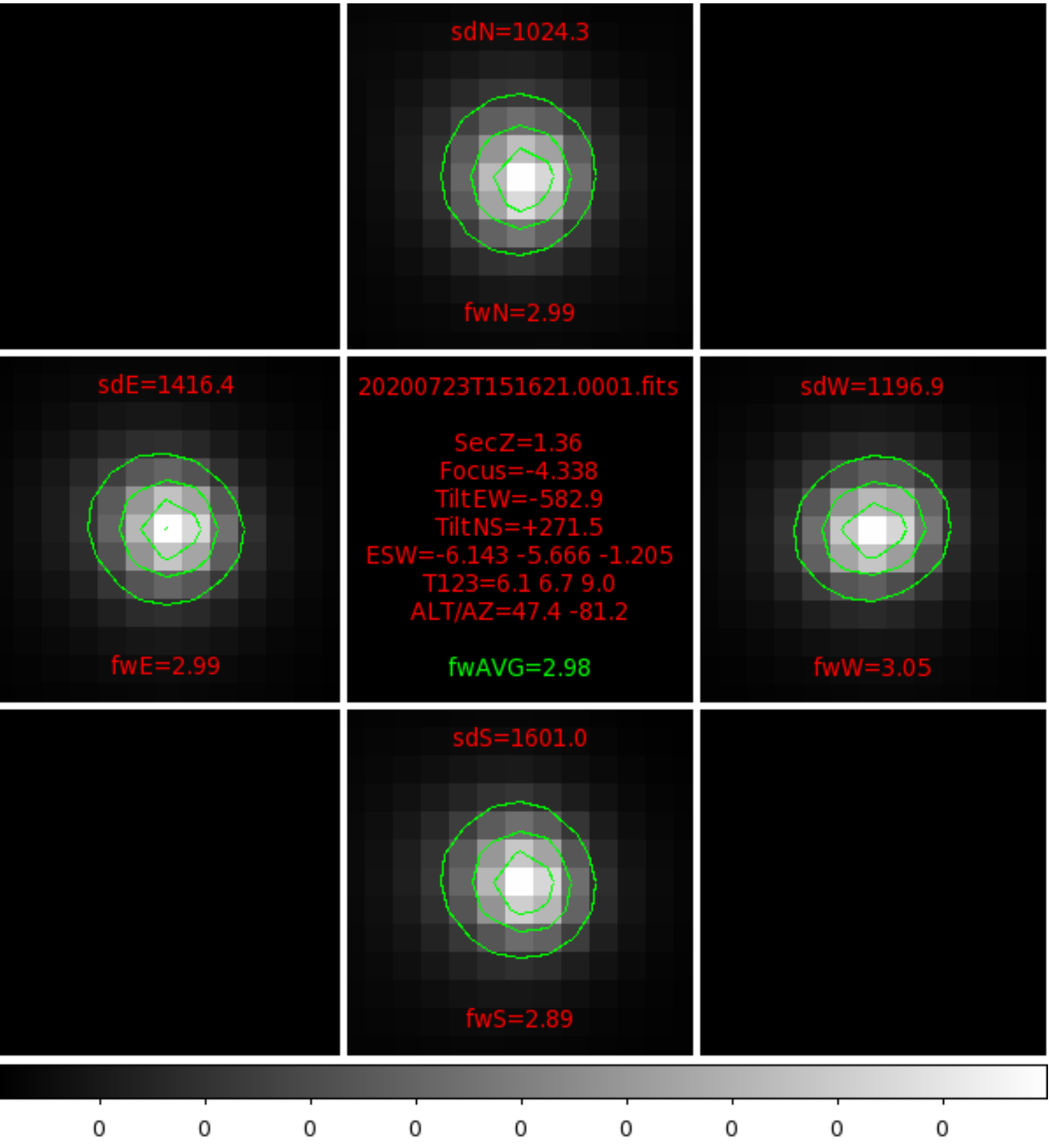
sdN=1024.3
fwN=2.99
sdE=1416.4
fwE=2.99
20200723T151621.0001.fits
SecZ=1.36
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.7 9.0
ALT/AZ=47.4 -81.2
fwAVG=2.98
sdW=1196.9
fwW=3.05
sdS=1601.0
fwS=2.89
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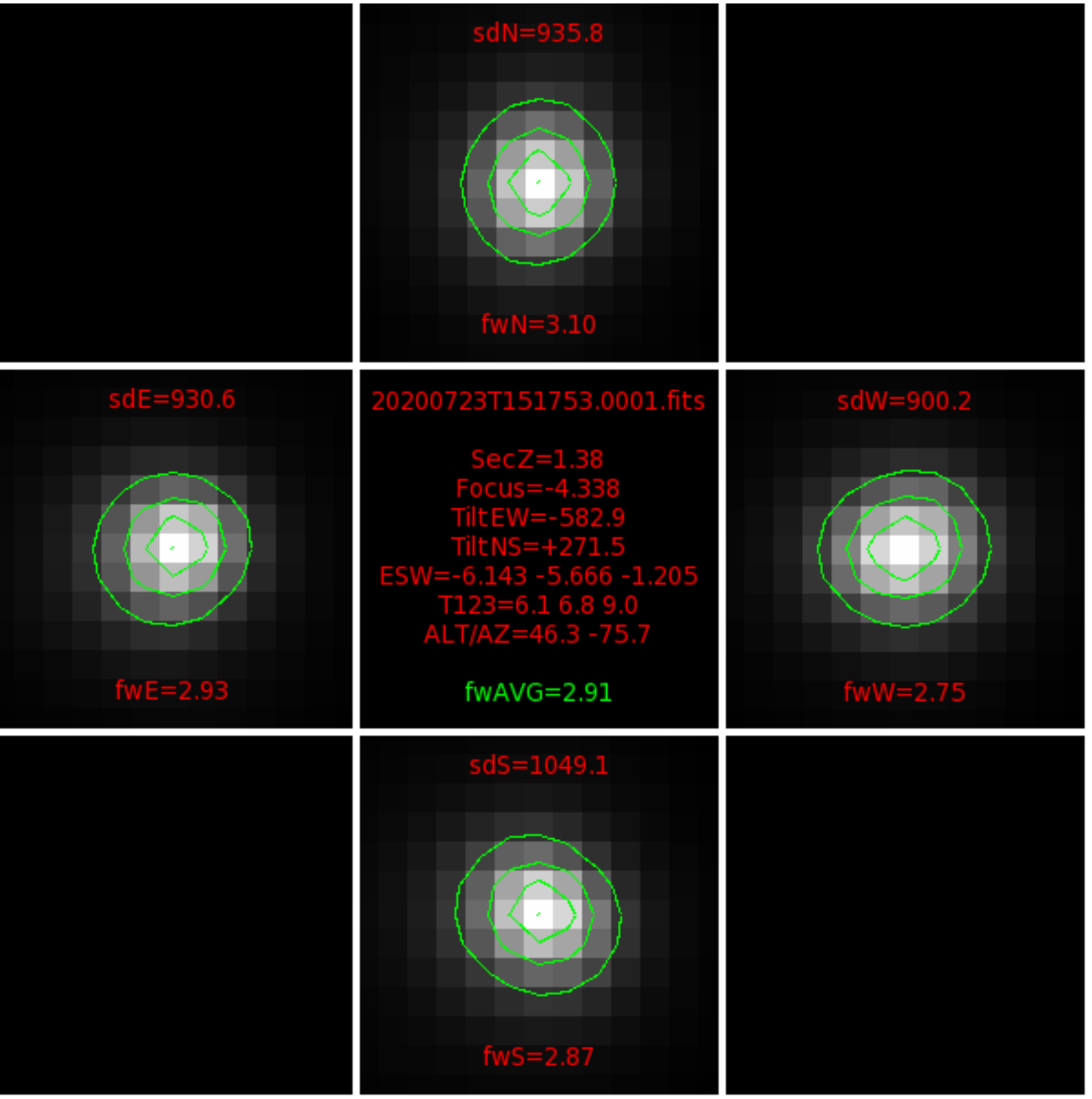
sdN=935.8
fwN=3.10
sdE=930.6
fwE=2.93
20200723T151753.0001.fits
SecZ=1.38
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.8 9.0
ALT/AZ=46.3 -75.7
fwAVG=2.91
sdW=900.2
fwW=2.75
sdS=1049.1
fwS=2.87
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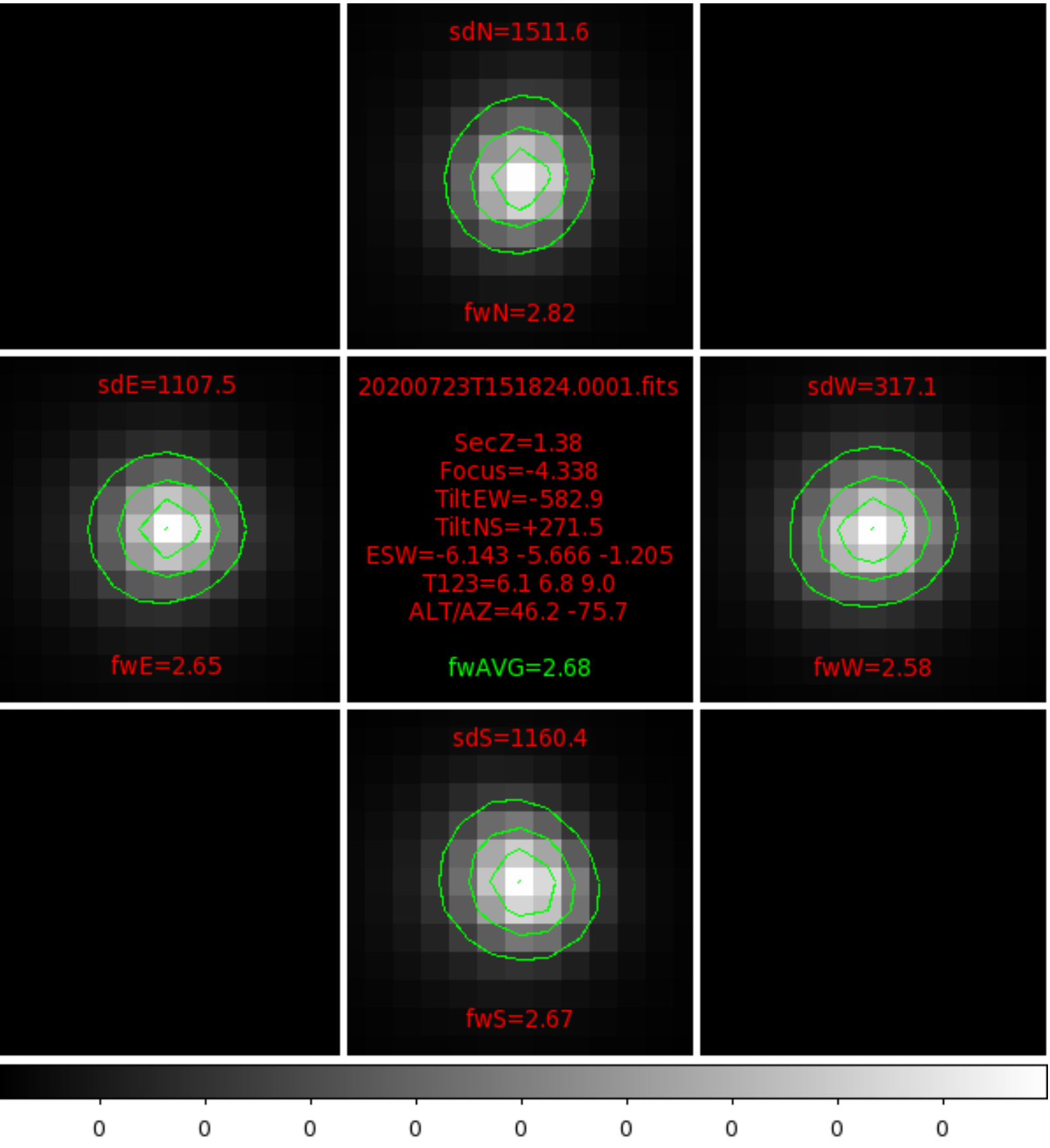
sdN=1511.6
fwN=2.82
sdE=1107.5
fwE=2.65
20200723T151824.0001.fits
SecZ=1.38
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.8 9.0
ALT/AZ=46.2 -75.7
fwAVG=2.68
sdW=317.1
fwW=2.58
sdS=1160.4
fwS=2.67
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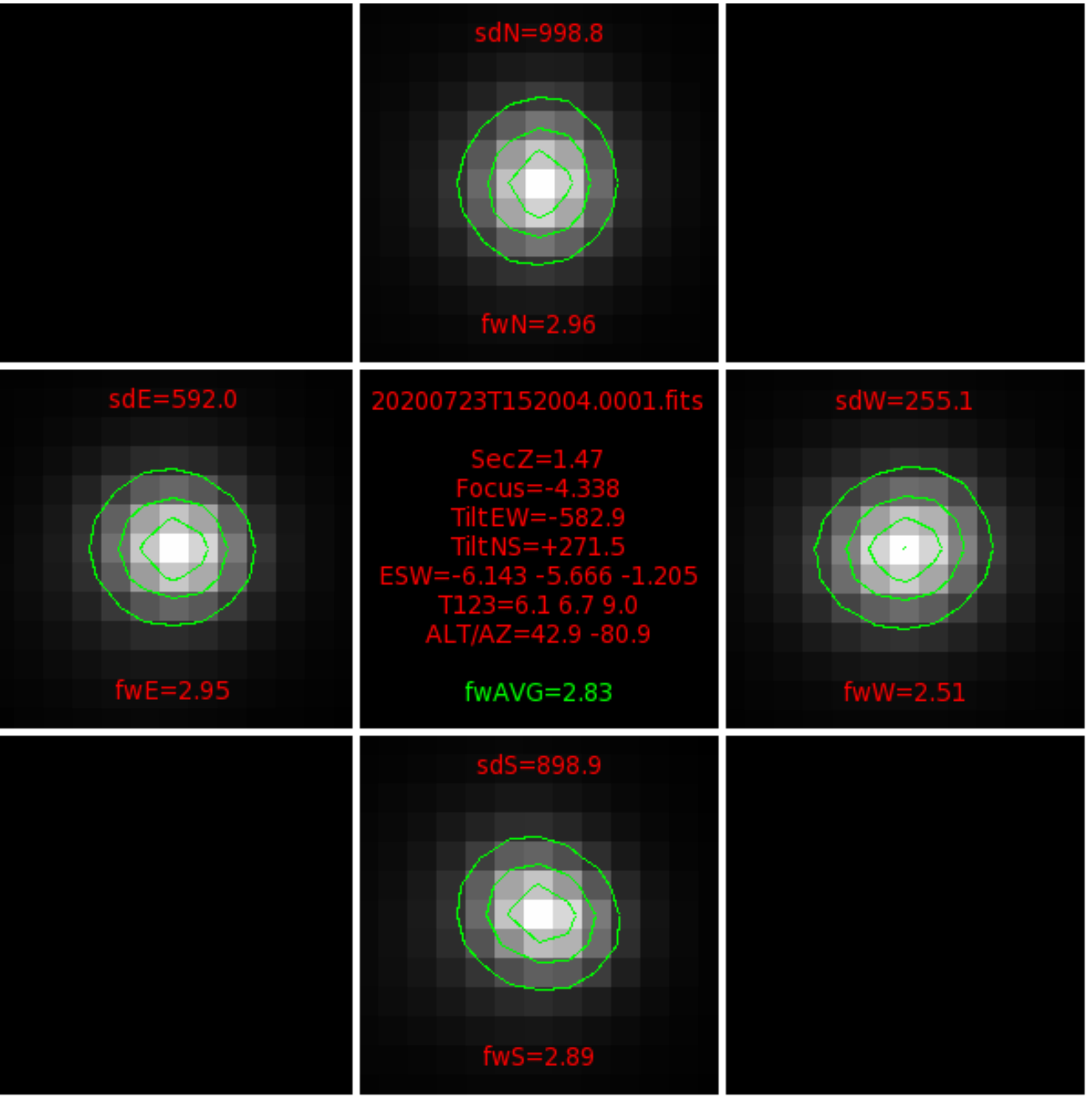
sdN=998.8
fwN=2.96
sdE=592.0
fwE=2.95
20200723T152004.0001.fits
SecZ=1.47
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.7 9.0
ALT/AZ=42.9 -80.9
fwAVG=2.83
sdW=255.1
fwW=2.51
sdS=898.9
fwS=2.89
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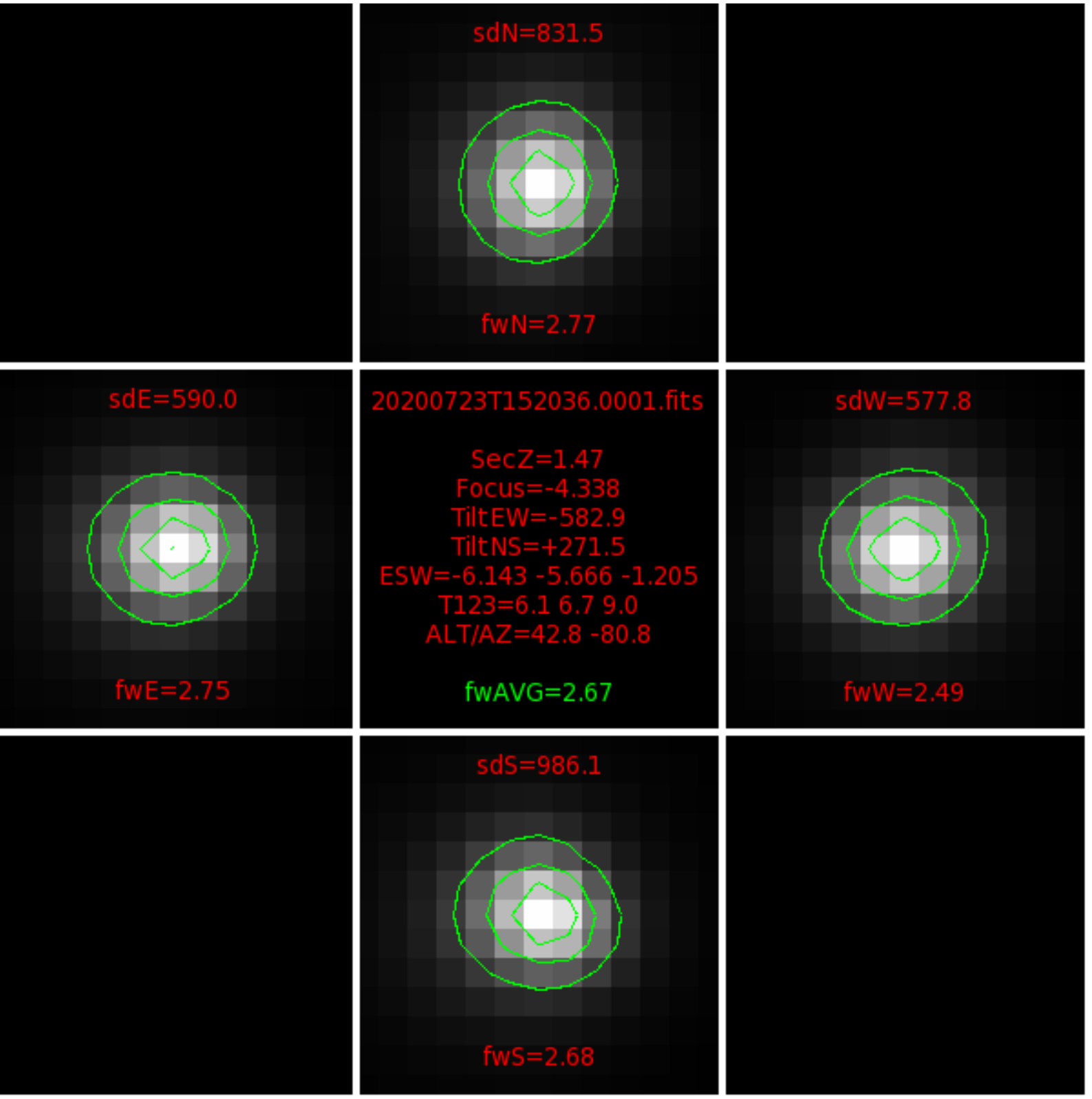
sdN=831.5
fwN=2.77
sdE=590.0
fwE=2.75
20200723T152036.0001.fits
SecZ=1.47
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.7 9.0
ALT/AZ=42.8 -80.8
fwAVG=2.67
sdW=577.8
fwW=2.49
sdS=986.1
fwS=2.68
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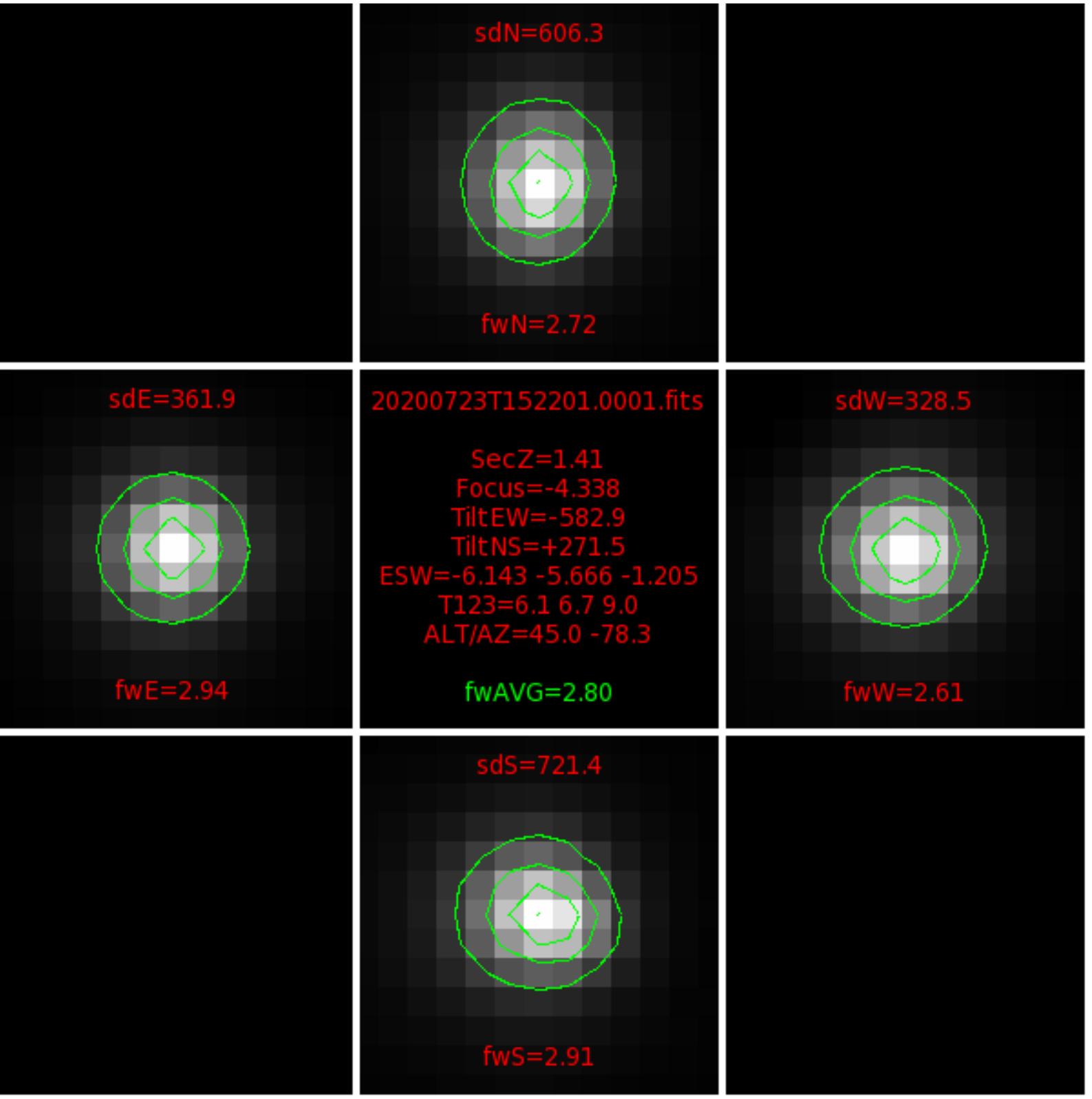
sdN=606.3
fwN=2.72
sdE=361.9
fwE=2.94
20200723T152201.0001.fits
SecZ=1.41
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.7 9.0
ALT/AZ=45.0 -78.3
fwAVG=2.80
sdW=328.5
fwW=2.61
sdS=721.4
fwS=2.91
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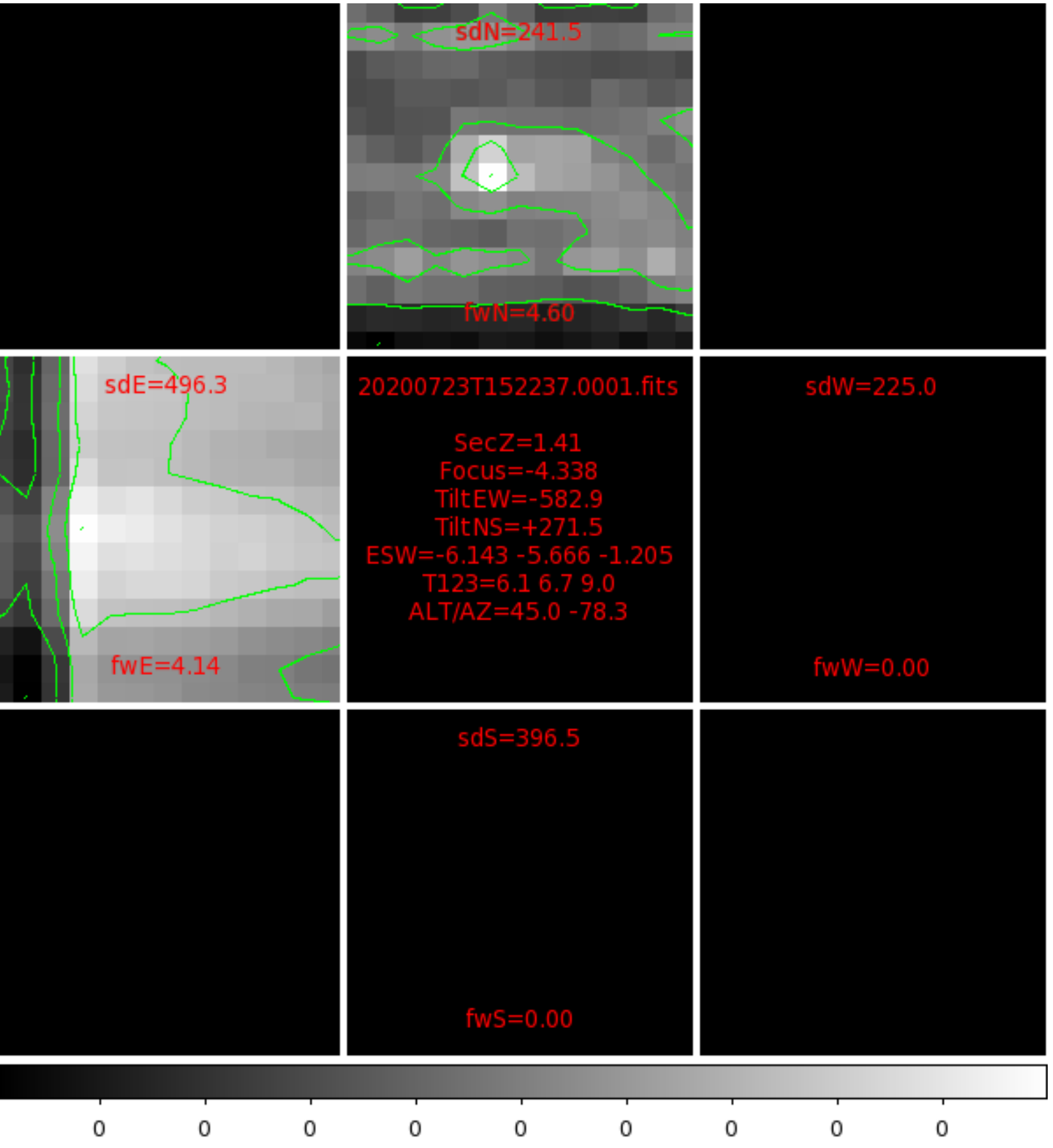
sdN=241.5
fwN=4.60
sdE=496.3
fwE=4.14
20200723T152237.0001.fits
SecZ=1.41
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.7 9.0
ALT/AZ=45.0 -78.3
sdW=225.0
fwW=0.00
sdS=396.5
fwS=0.00
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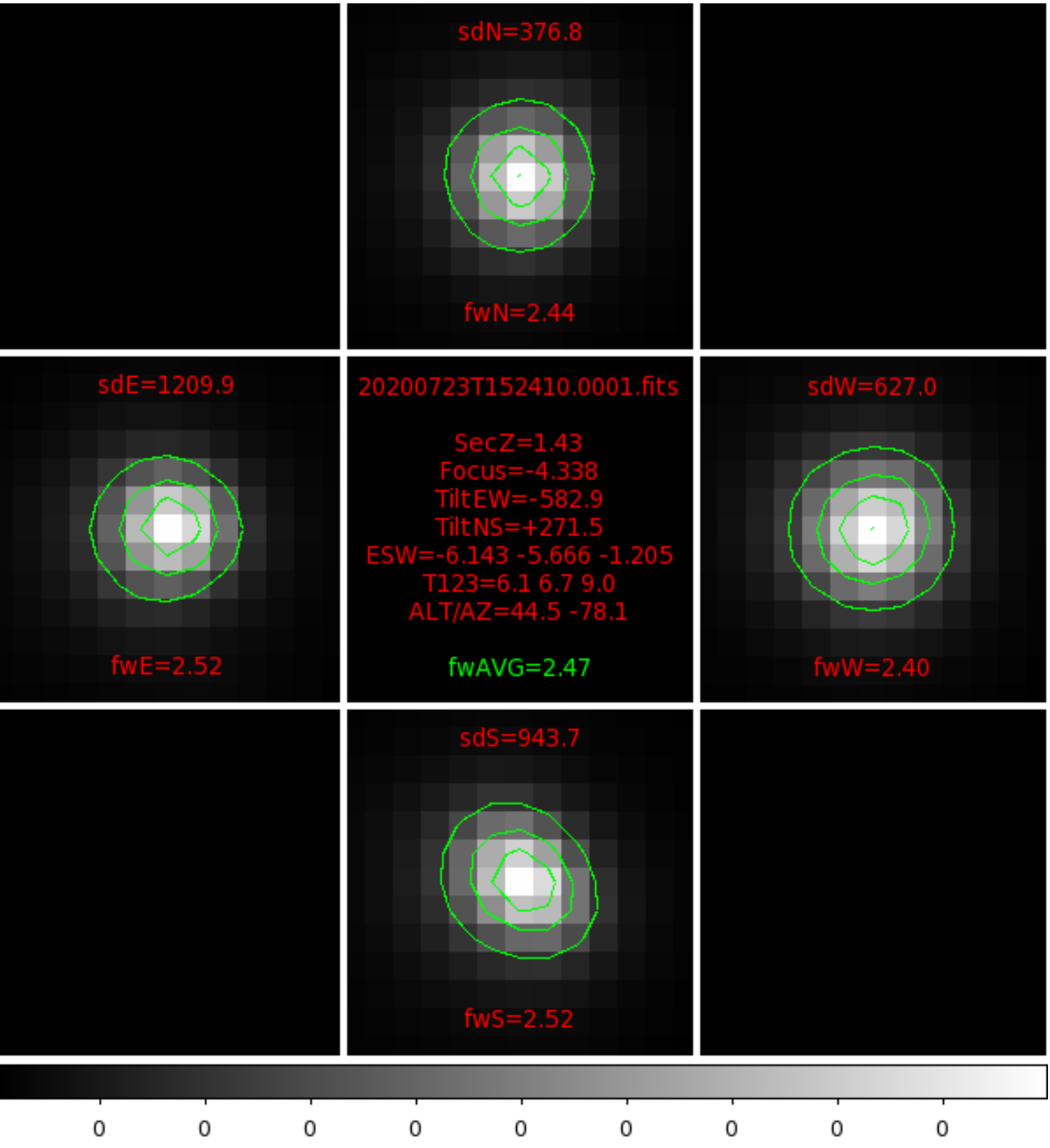
sdN=376.8
fwN=2.44
sdE=1209.9
fwE=2.52
20200723T152410.0001.fits
SecZ=1.43
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.7 9.0
ALT/AZ=44.5 -78.1
fwAVG=2.47
sdW=627.0
fwW=2.40
sdS=943.7
fwS=2.52
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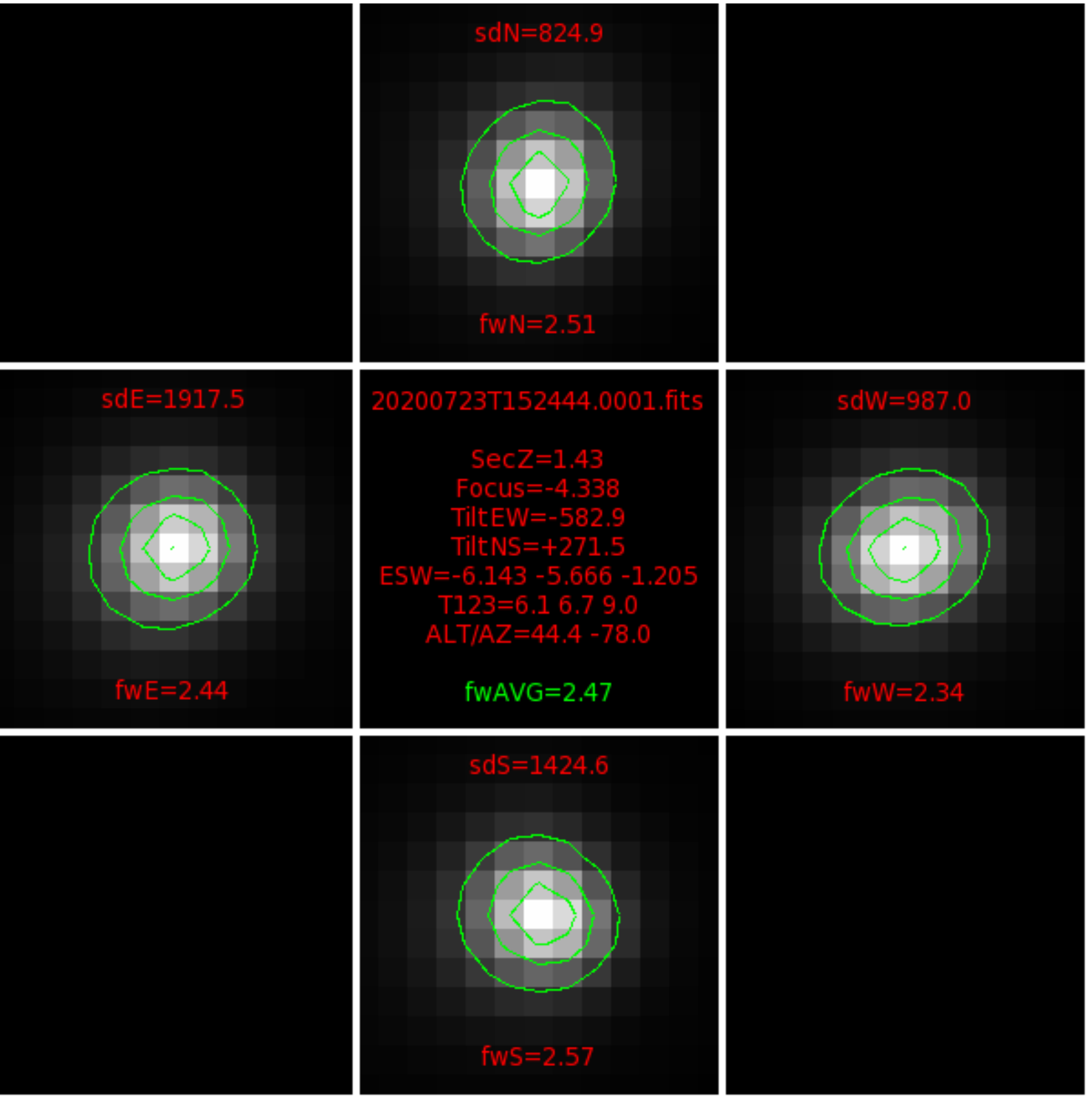
sdN=824.9
fwN=2.51
sdE=1917.5
fwE=2.44
20200723T152444.0001.fits
SecZ=1.43
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.7 9.0
ALT/AZ=44.4 -78.0
fwAVG=2.47
sdW=987.0
fwW=2.34
sdS=1424.6
fwS=2.57
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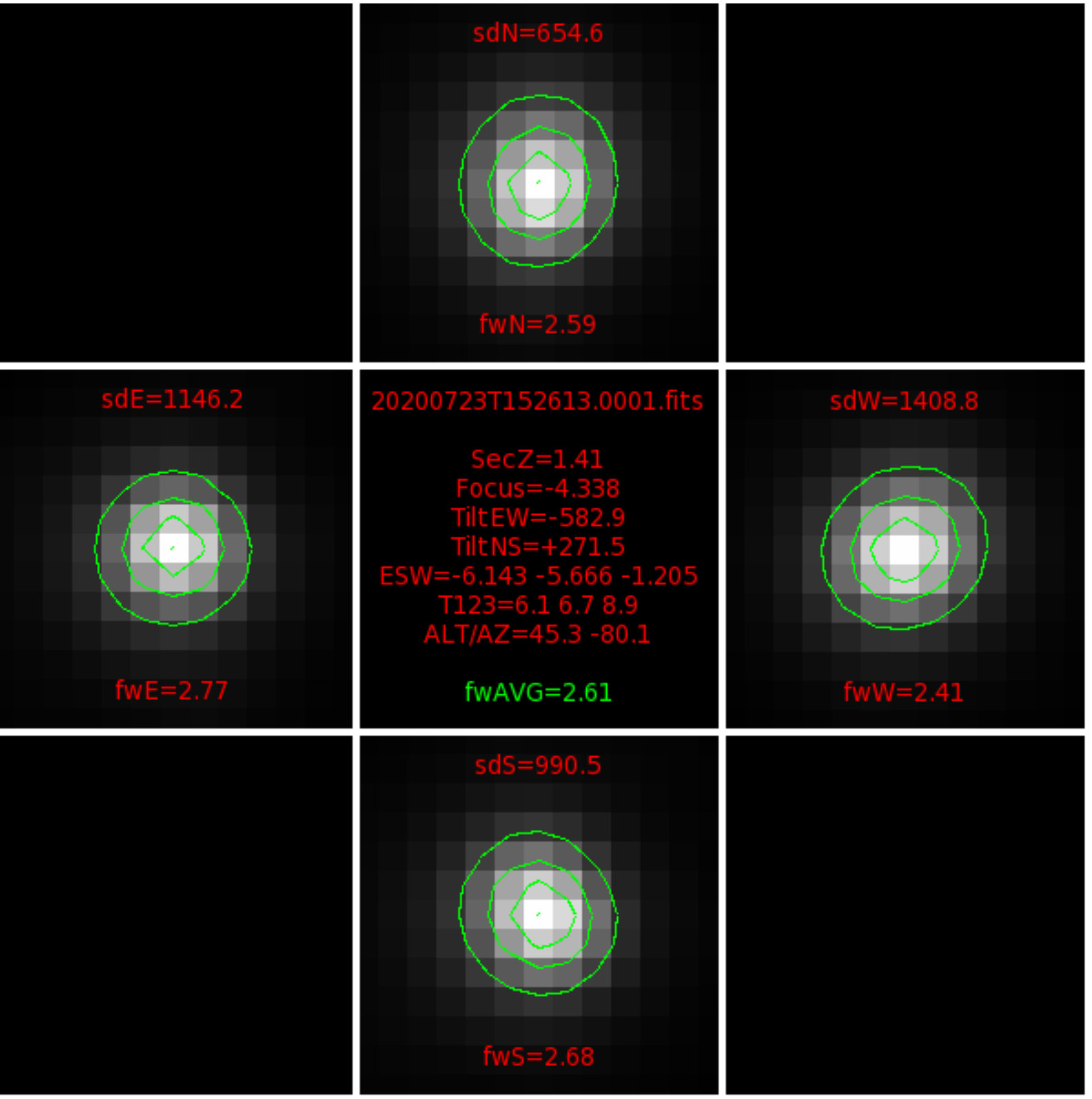
sdN=654.6
fwN=2.59
sdE=1146.2
fwE=2.77
20200723T152613.0001.fits
SecZ=1.41
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.7 8.9
ALT/AZ=45.3 -80.1
fwAVG=2.61
sdW=1408.8
fwW=2.41
sdS=990.5
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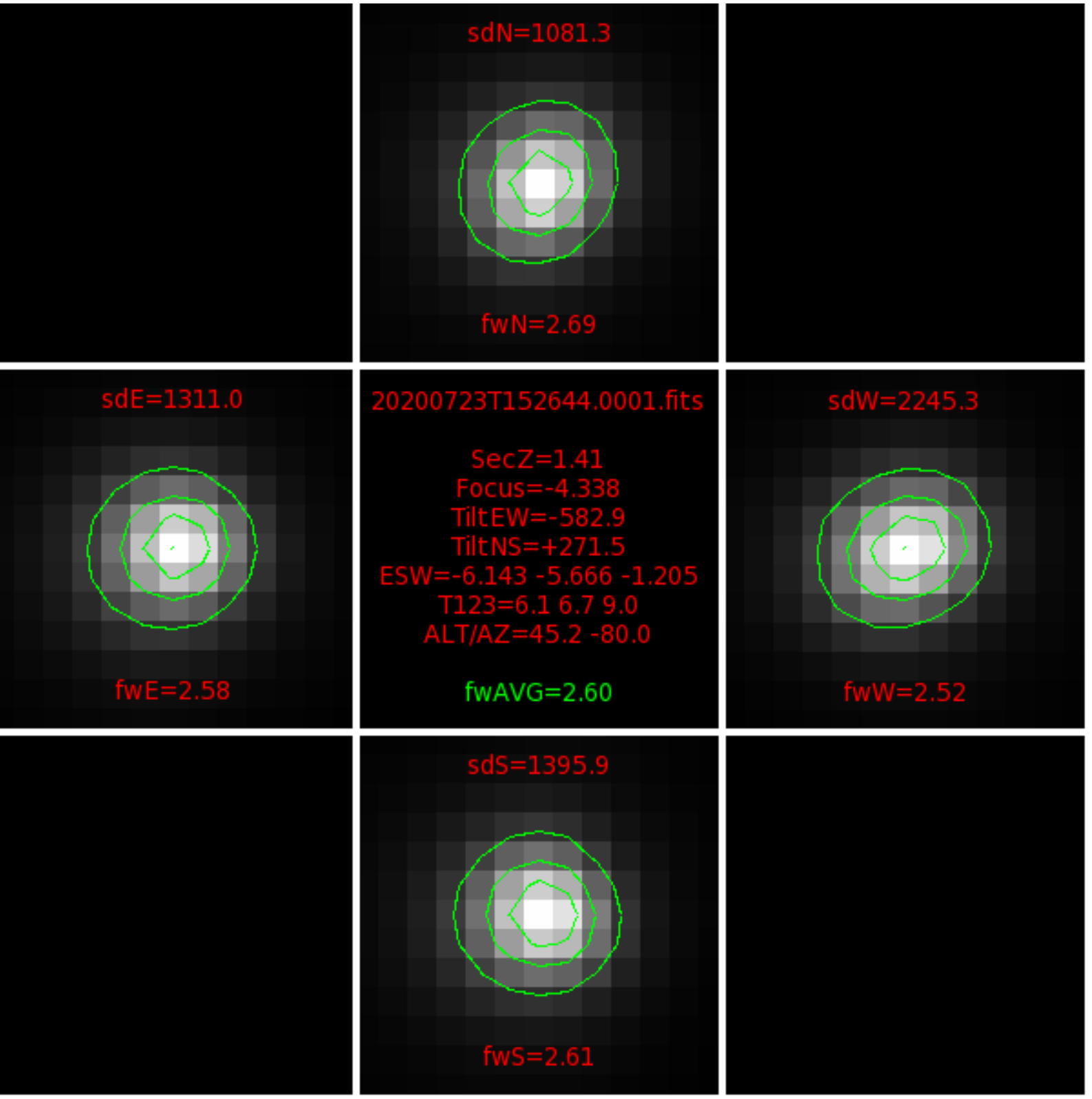
sdN=1081.3
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sdE=1311.0
fwE=2.58
20200723T152644.0001.fits
SecZ=1.41
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.7 9.0
ALT/AZ=45.2 -80.0
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sdW=2245.3
fwW=2.52
sdS=1395.9
fwS=2.61
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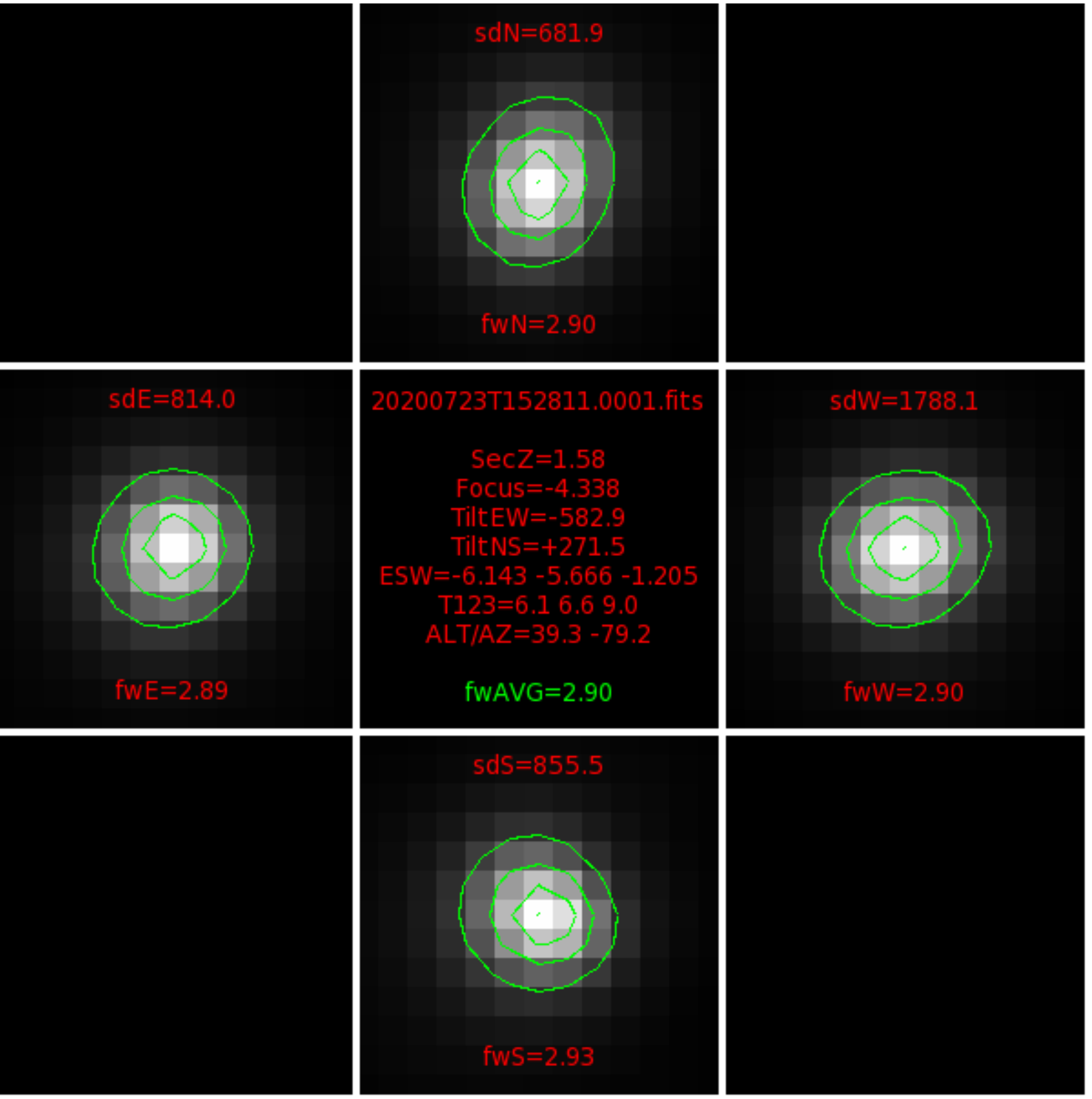
sdN=681.9
fwN=2.90
sdE=814.0
fwE=2.89
20200723T152811.0001.fits
SecZ=1.58
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.6 9.0
ALT/AZ=39.3 -79.2
fwAVG=2.90
sdW=1788.1
fwW=2.90
sdS=855.5
fwS=2.93
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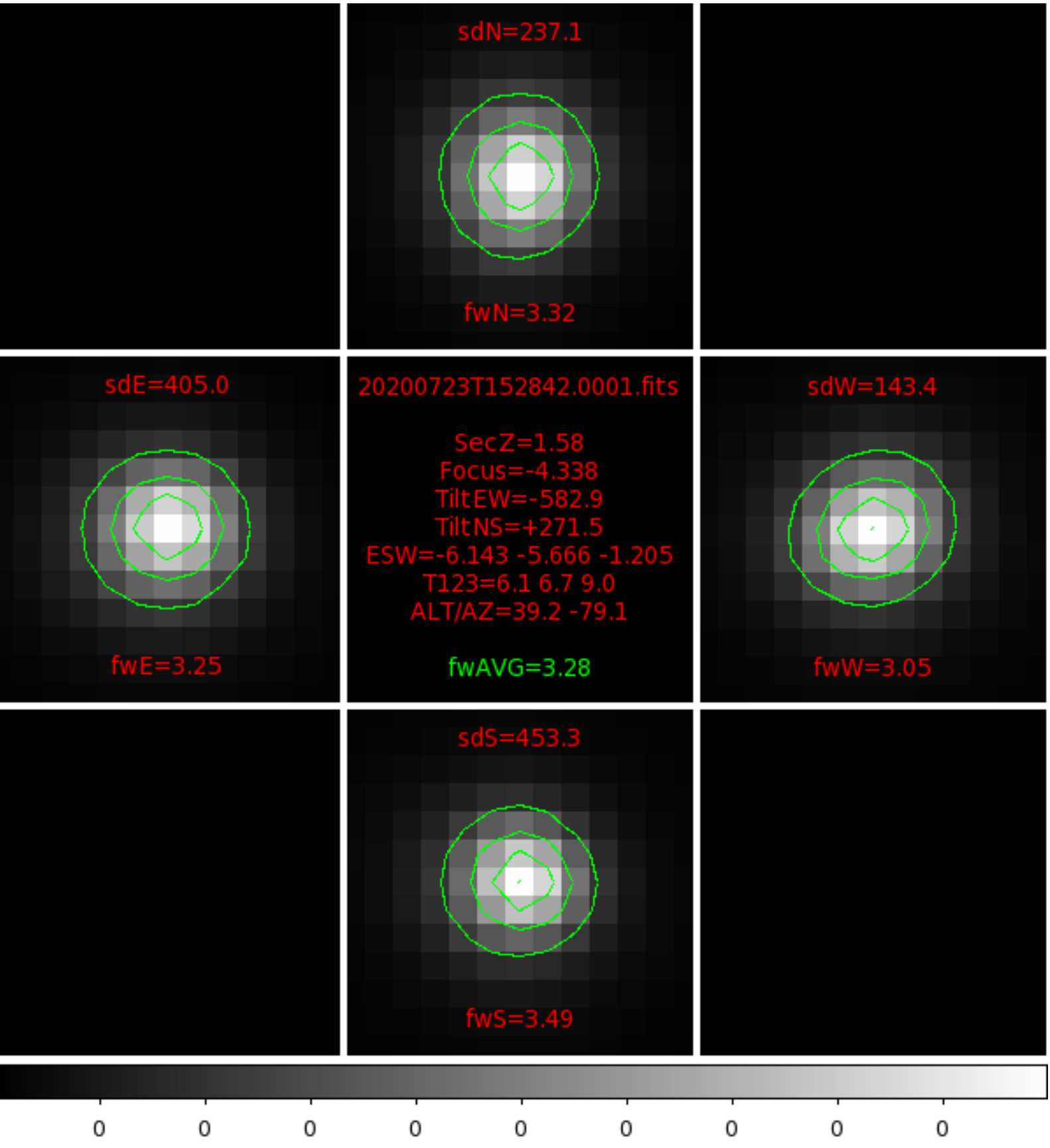
sdN=237.1
fwN=3.32
sdE=405.0
fwE=3.25
20200723T152842.0001.fits
SecZ=1.58
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.7 9.0
ALT/AZ=39.2 -79.1
fwAVG=3.28
sdW=143.4
fwW=3.05
sdS=453.3
fwS=3.49
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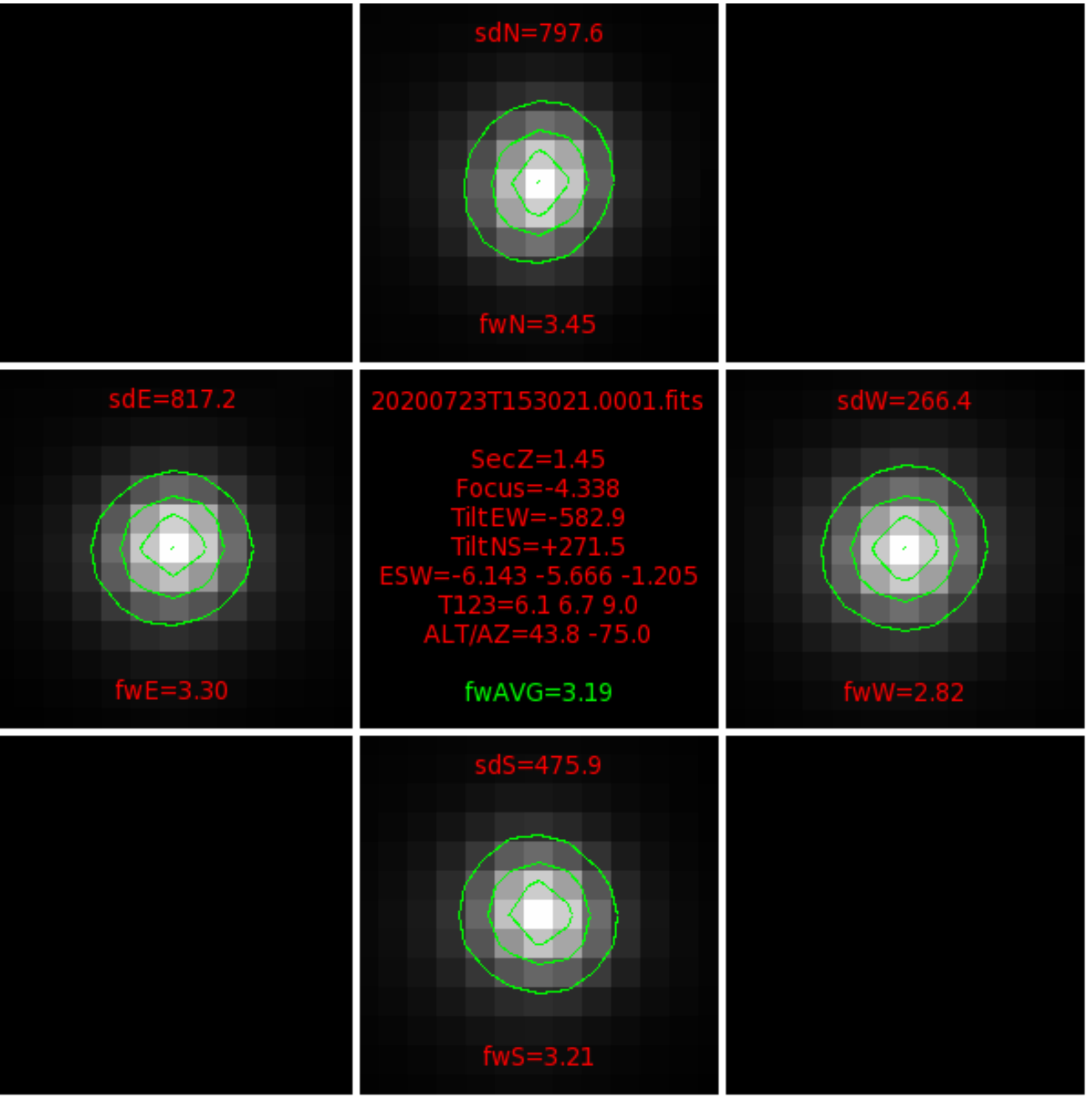
sdN=797.6
fwN=3.45
sdE=817.2
fwE=3.30
20200723T153021.0001.fits
SecZ=1.45
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.7 9.0
ALT/AZ=43.8 -75.0
fwAVG=3.19
sdW=266.4
fwW=2.82
sdS=475.9
fwS=3.21
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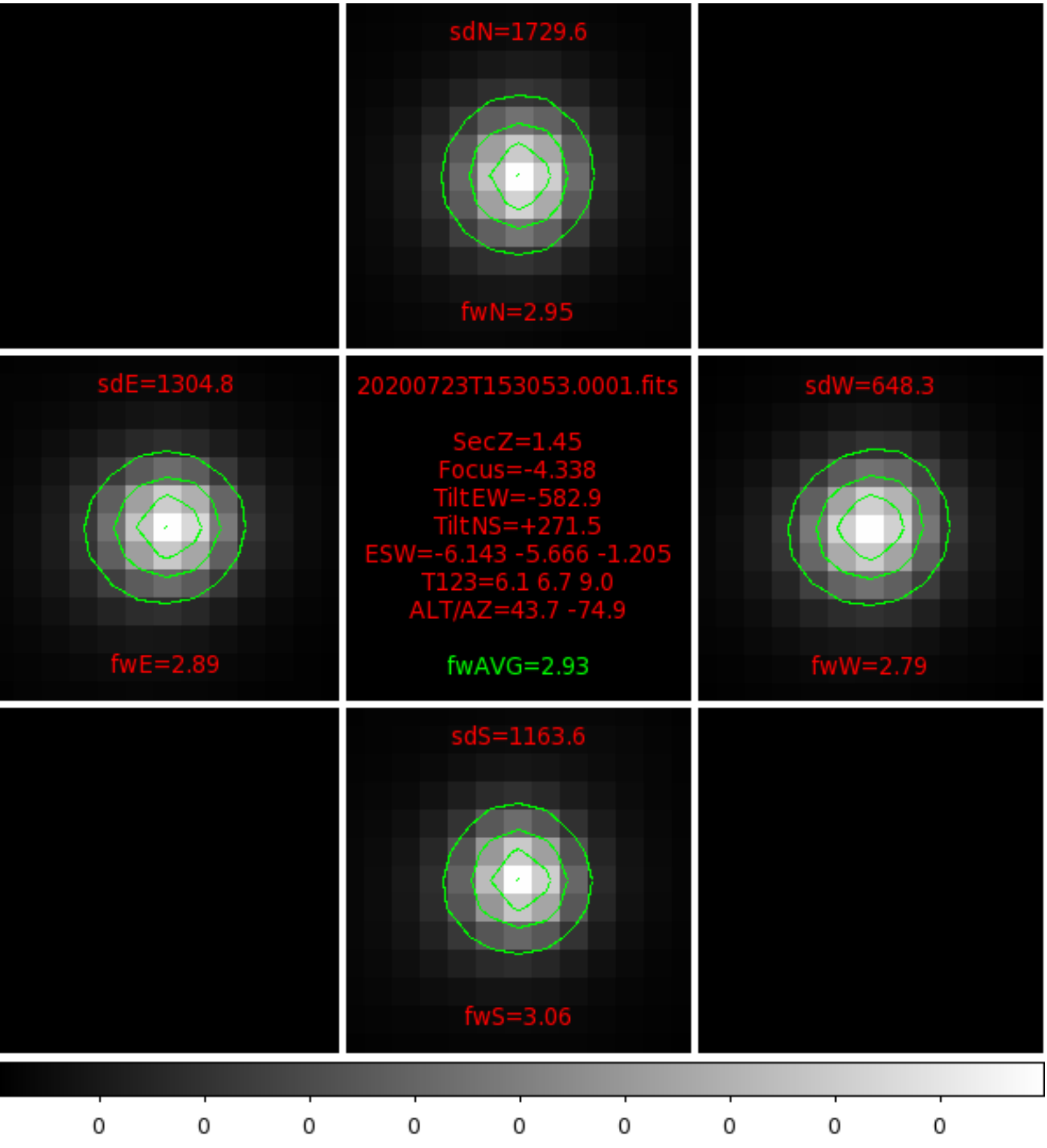
sdN=1729.6
fwN=2.95
sdE=1304.8
fwE=2.89
20200723T153053.0001.fits
SecZ=1.45
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.7 9.0
ALT/AZ=43.7 -74.9
fwAVG=2.93
sdW=648.3
fwW=2.79
sdS=1163.6
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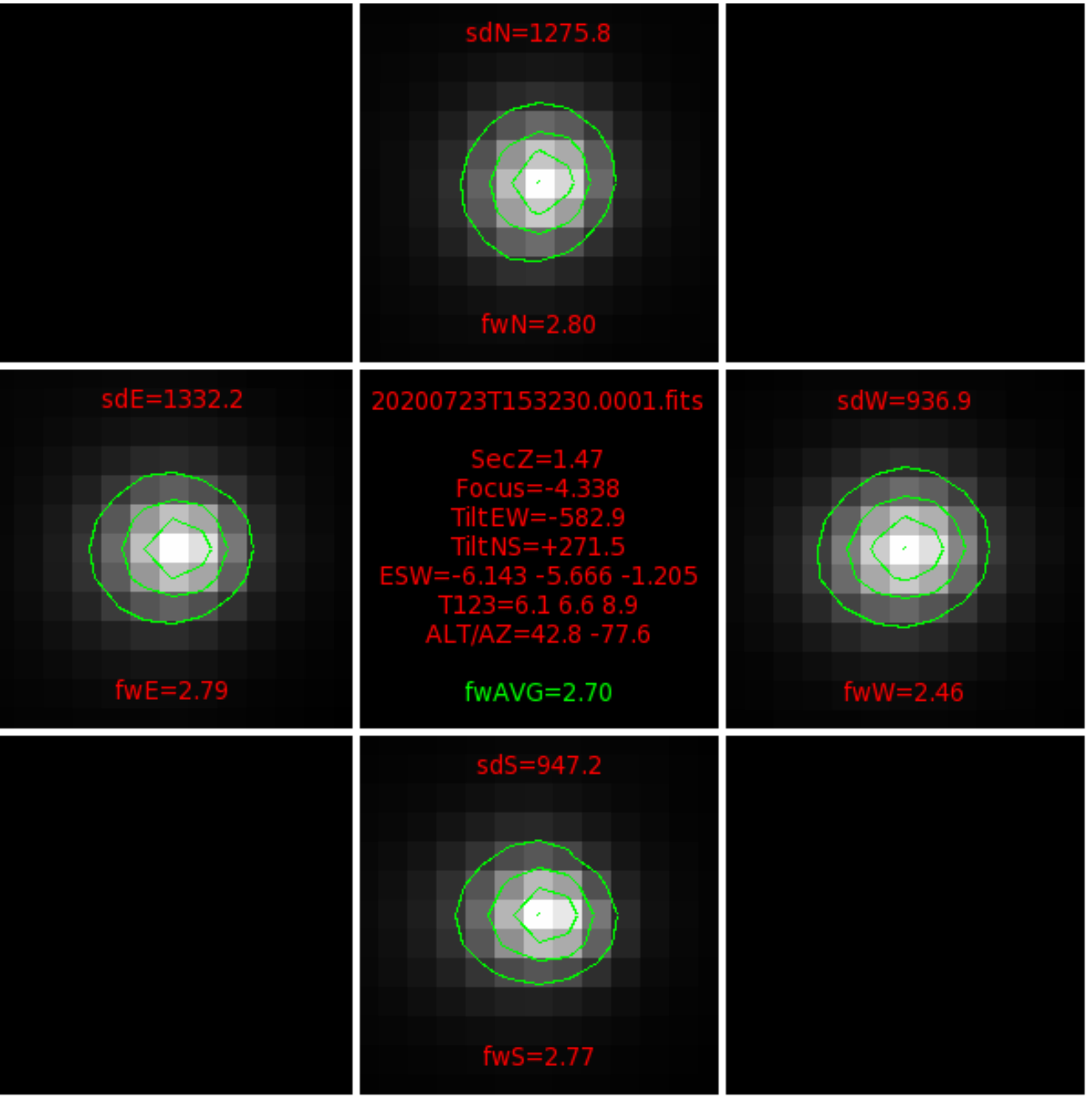
sdN=1275.8
fwN=2.80
sdE=1332.2
fwE=2.79
20200723T153230.0001.fits
SecZ=1.47
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.6 8.9
ALT/AZ=42.8 -77.6
fwAVG=2.70
sdW=936.9
fwW=2.46
sdS=947.2
fwS=2.77
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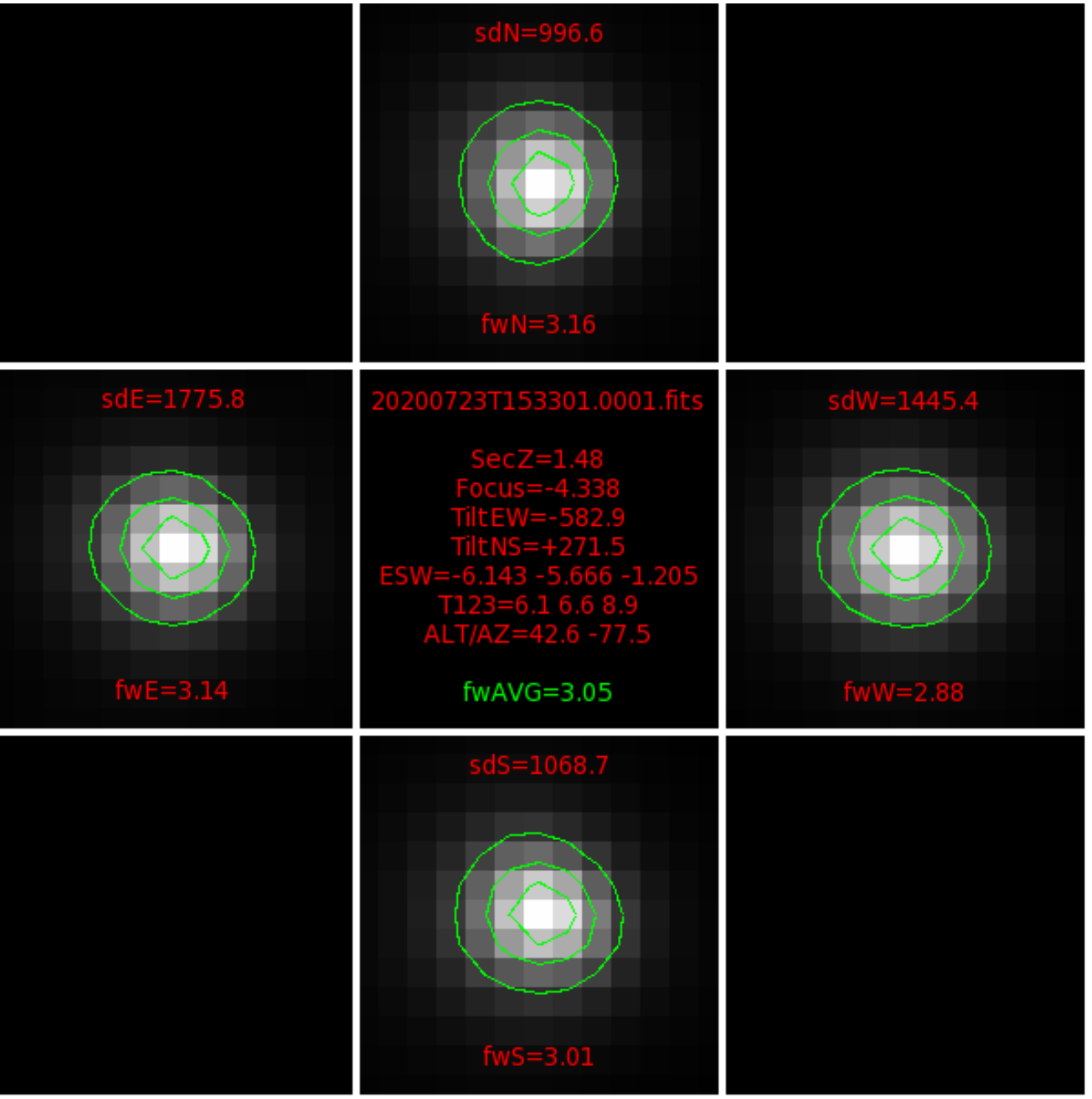
sdN=996.6
fwN=3.16
sdE=1775.8
fwE=3.14
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SecZ=1.48
Focus=-4.338
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.143 -5.666 -1.205
T123=6.1 6.6 8.9
ALT/AZ=42.6 -77.5
fwAVG=3.05
sdW=1445.4
fwW=2.88
sdS=1068.7
fwS=3.01
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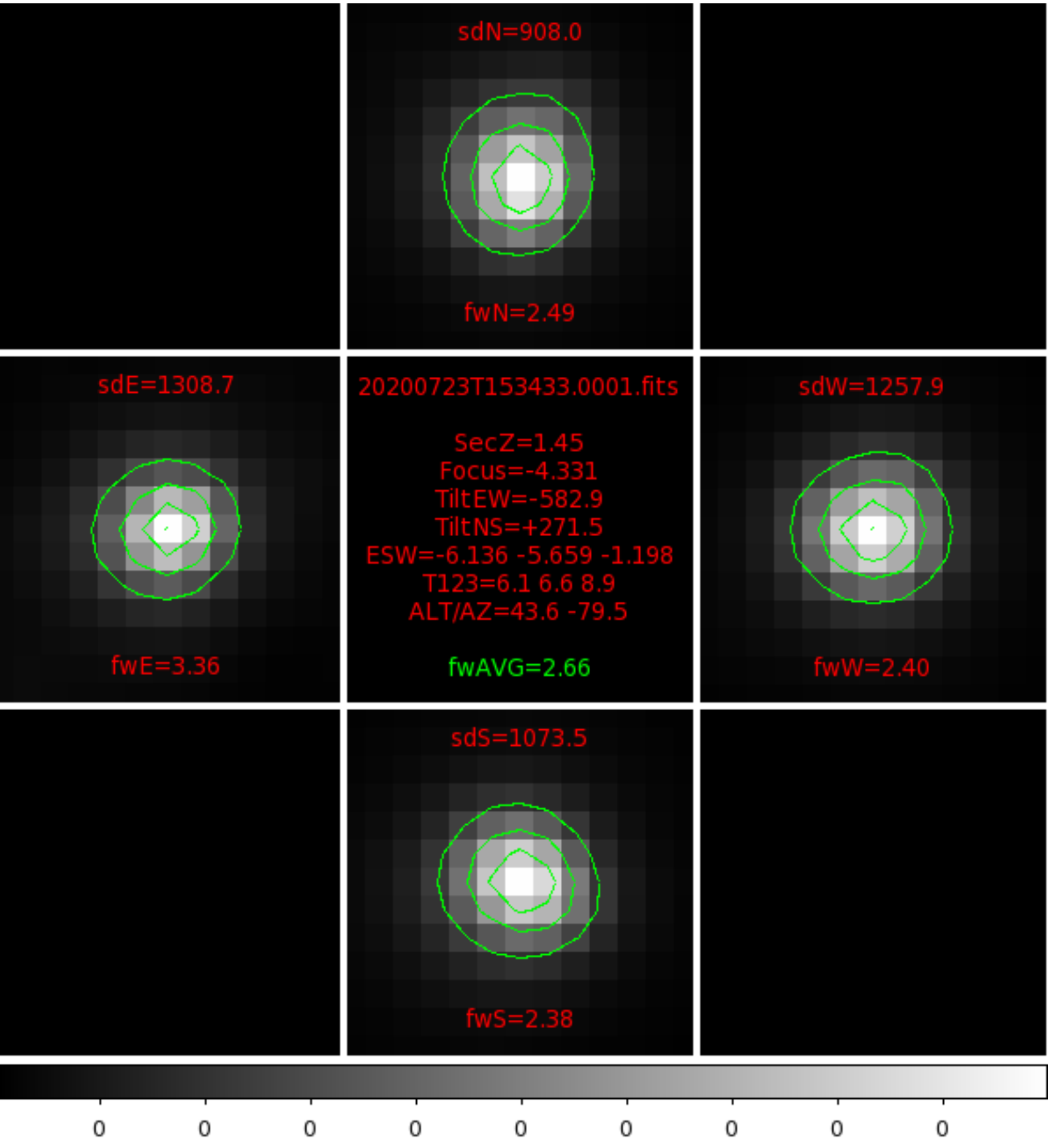
sdN=908.0
fwN=2.49
sdE=1308.7
fwE=3.36
20200723T153433.0001.fits
SecZ=1.45
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.1 6.6 8.9
ALT/AZ=43.6 -79.5
fwAVG=2.66
sdW=1257.9
fwW=2.40
sdS=1073.5
fwS=2.38
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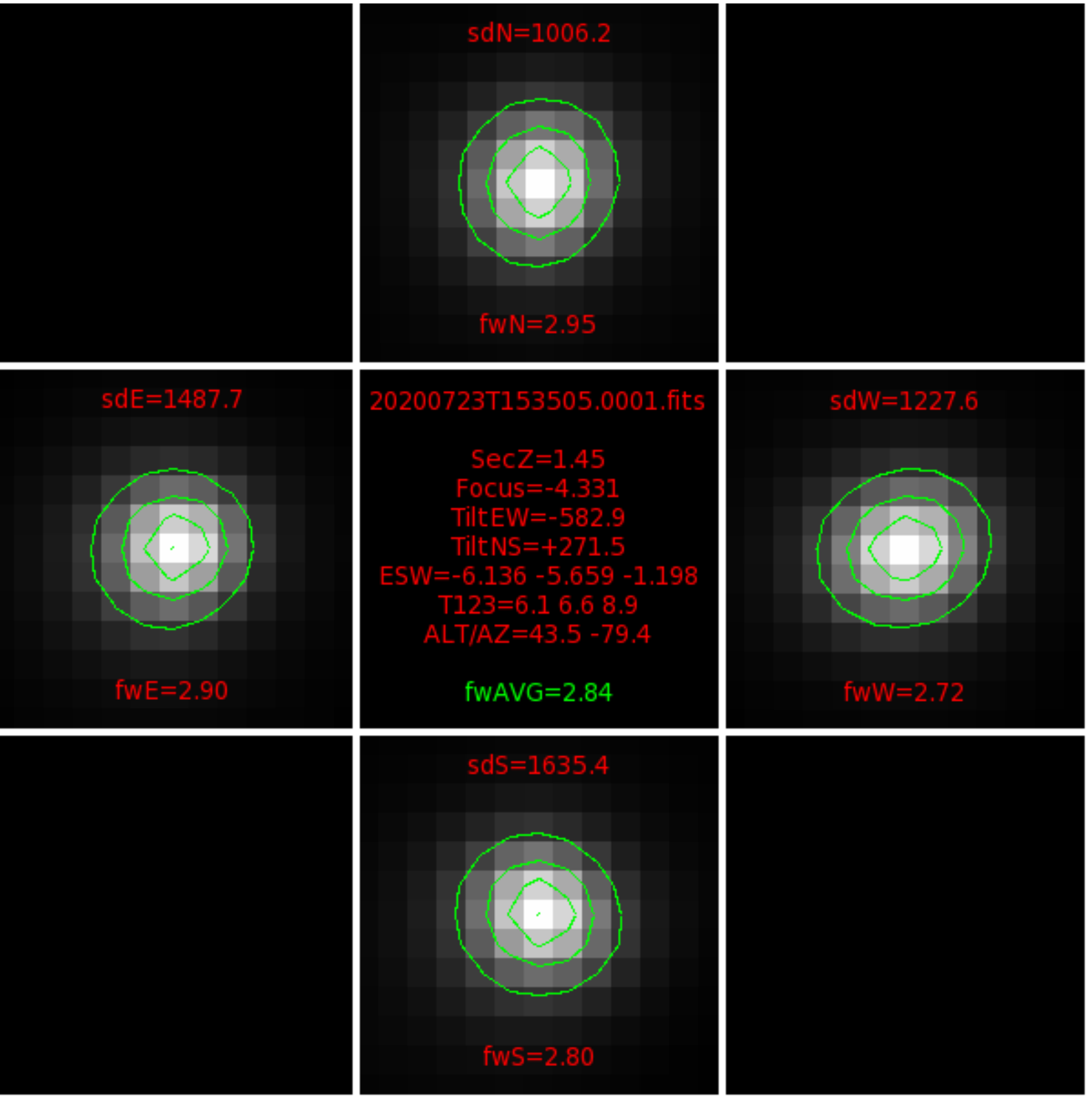
sdN=1006.2
fwN=2.95
sdE=1487.7
fwE=2.90
20200723T153505.0001.fits
SecZ=1.45
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.1 6.6 8.9
ALT/AZ=43.5 -79.4
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sdW=1227.6
fwW=2.72
sdS=1635.4
fwS=2.80
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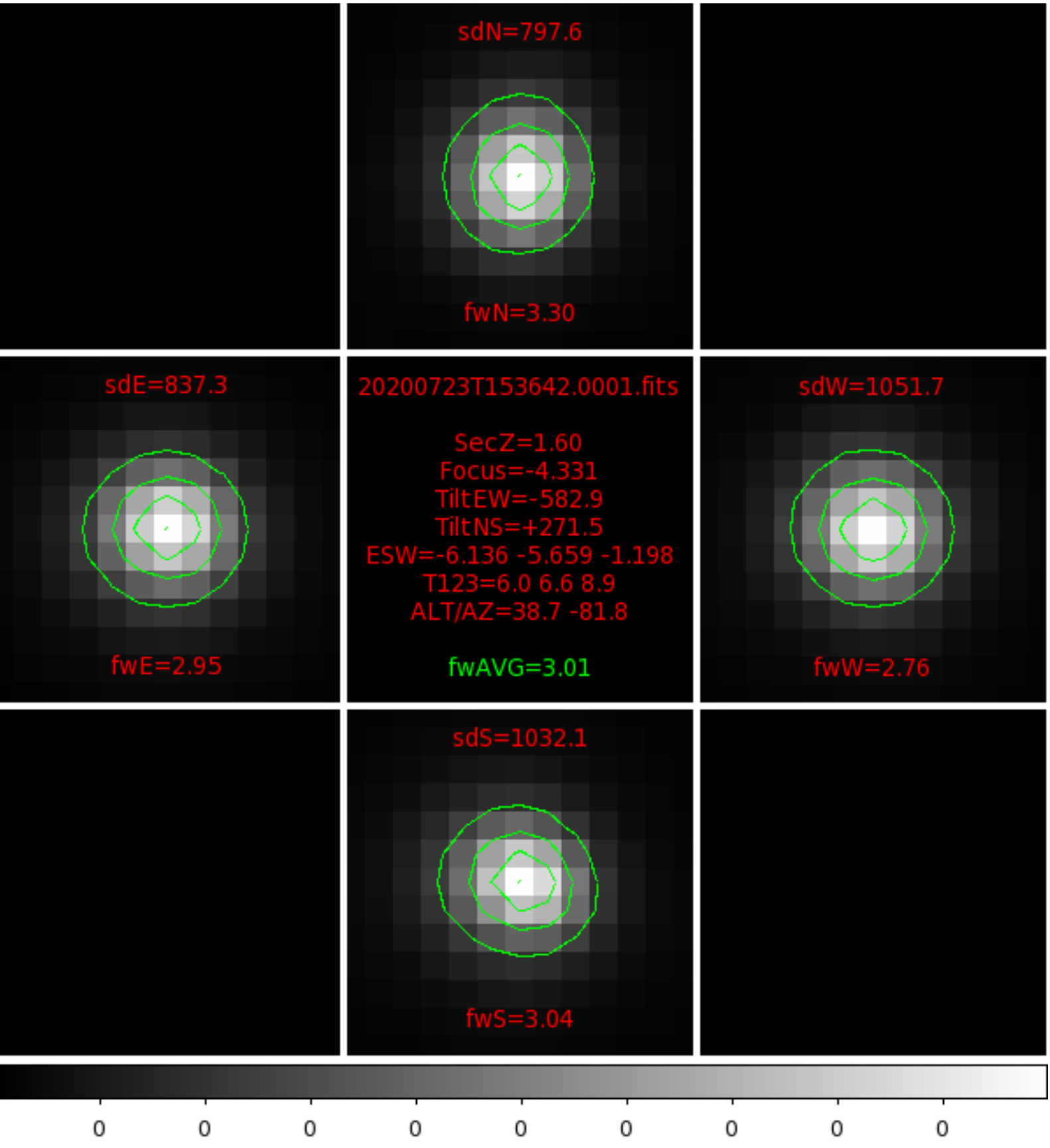
sdN=797.6
fwN=3.30
sdE=837.3
fwE=2.95
20200723T153642.0001.fits
SecZ=1.60
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.0 6.6 8.9
ALT/AZ=38.7 -81.8
fwAVG=3.01
sdW=1051.7
fwW=2.76
sdS=1032.1
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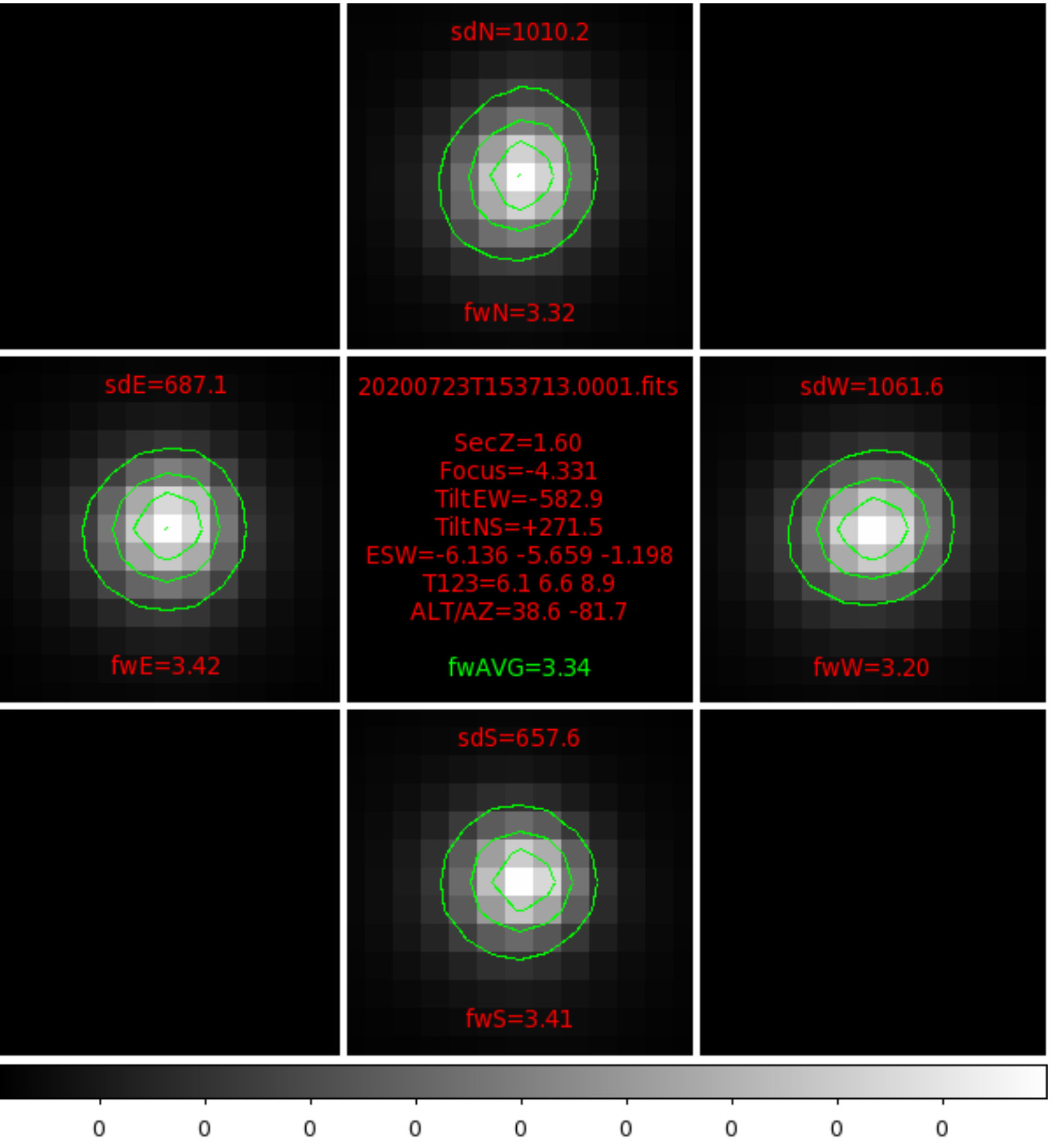
sdN=1010.2
fwN=3.32
sdE=687.1
fwE=3.42
20200723T153713.0001.fits
SecZ=1.60
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.1 6.6 8.9
ALT/AZ=38.6 -81.7
fwAVG=3.34
sdW=1061.6
fwW=3.20
sdS=657.6
fwS=3.41
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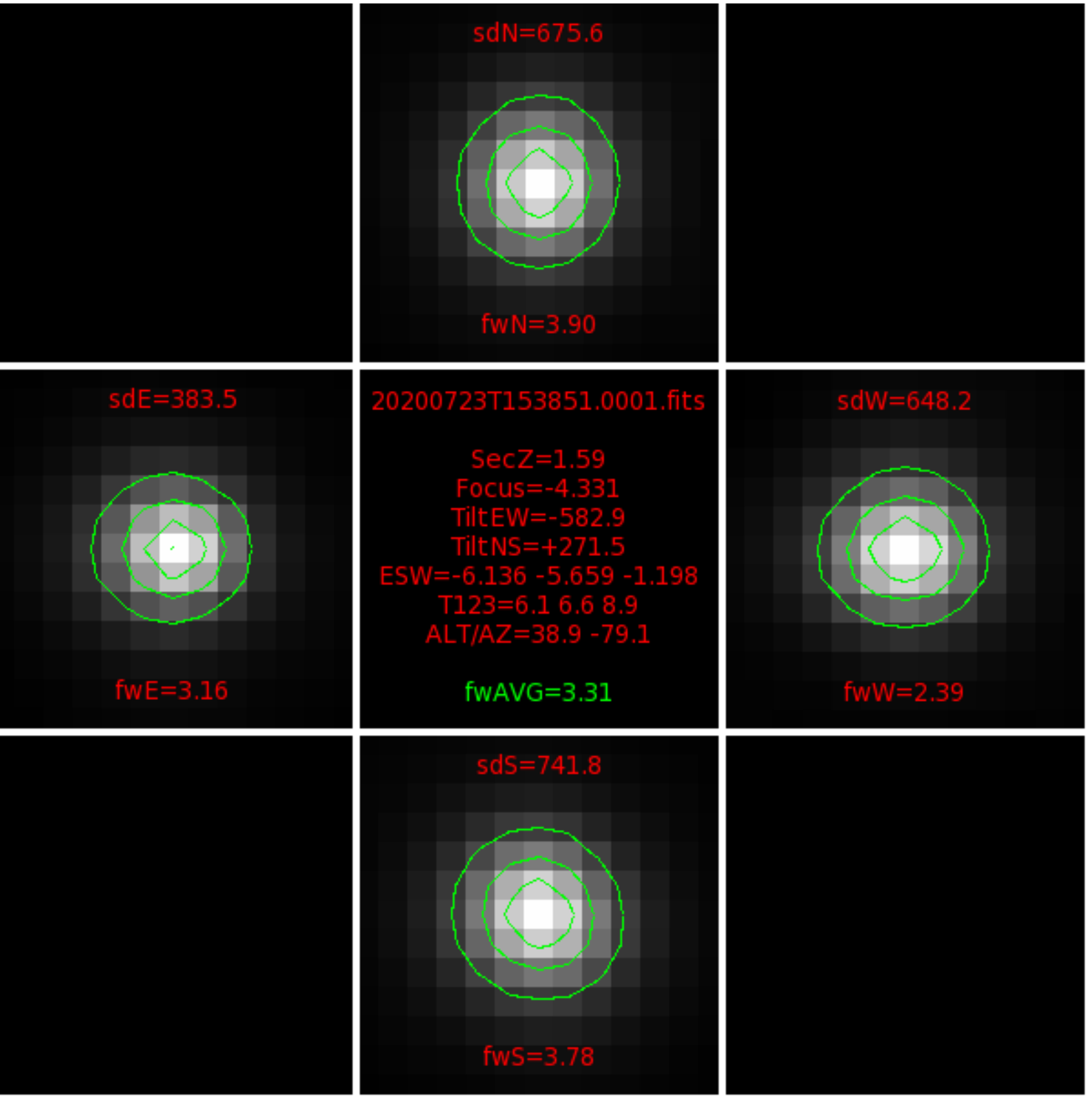
sdN=675.6
fwN=3.90
sdE=383.5
fwE=3.16
20200723T153851.0001.fits
SecZ=1.59
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.1 6.6 8.9
ALT/AZ=38.9 -79.1
fwAVG=3.31
sdW=648.2
fwW=2.39
sdS=741.8
fwS=3.78
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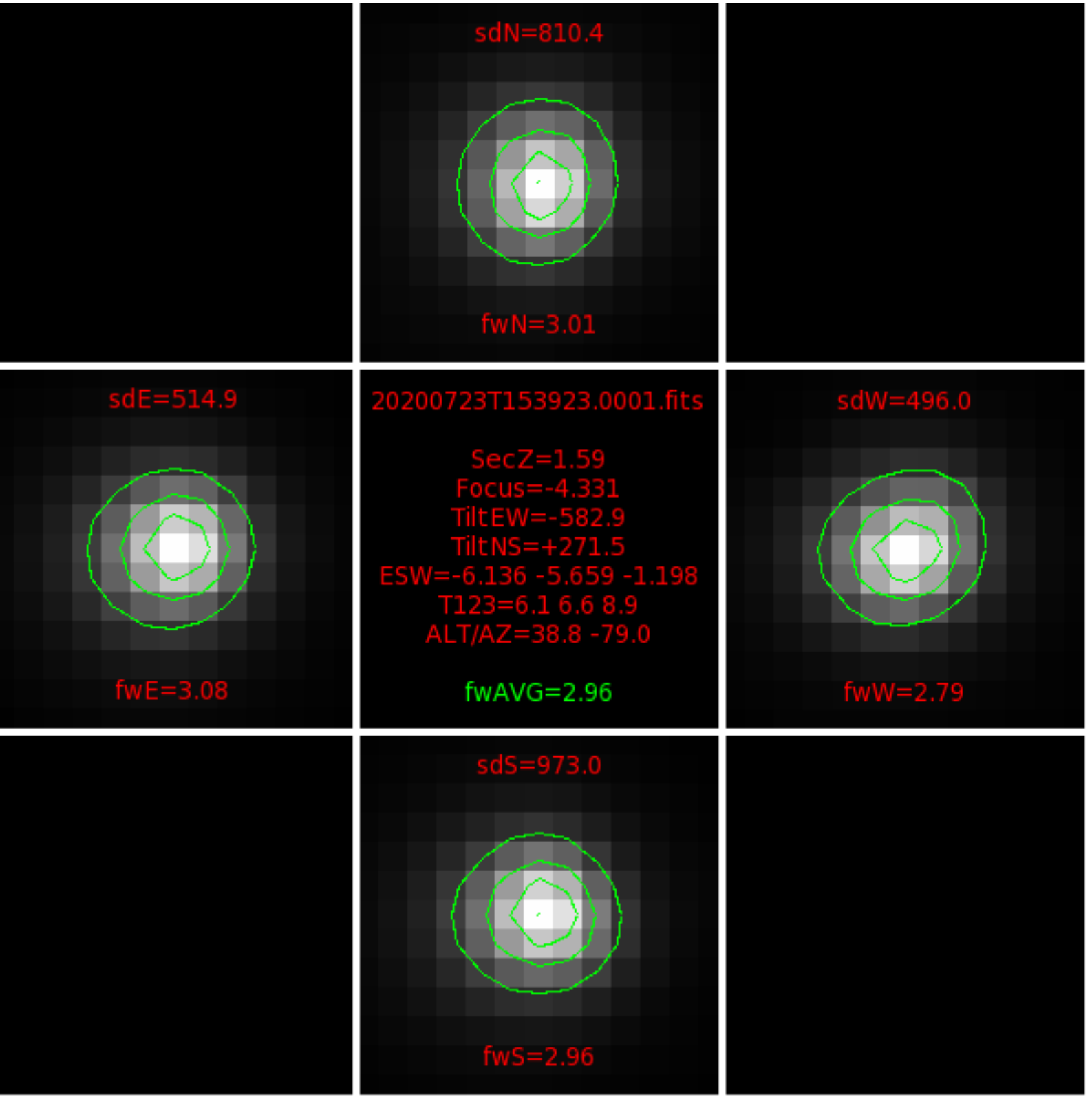
sdN=810.4
fwN=3.01
sdE=514.9
fwE=3.08
20200723T153923.0001.fits
SecZ=1.59
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.1 6.6 8.9
ALT/AZ=38.8 -79.0
fwAVG=2.96
sdW=496.0
fwW=2.79
sdS=973.0
fwS=2.96
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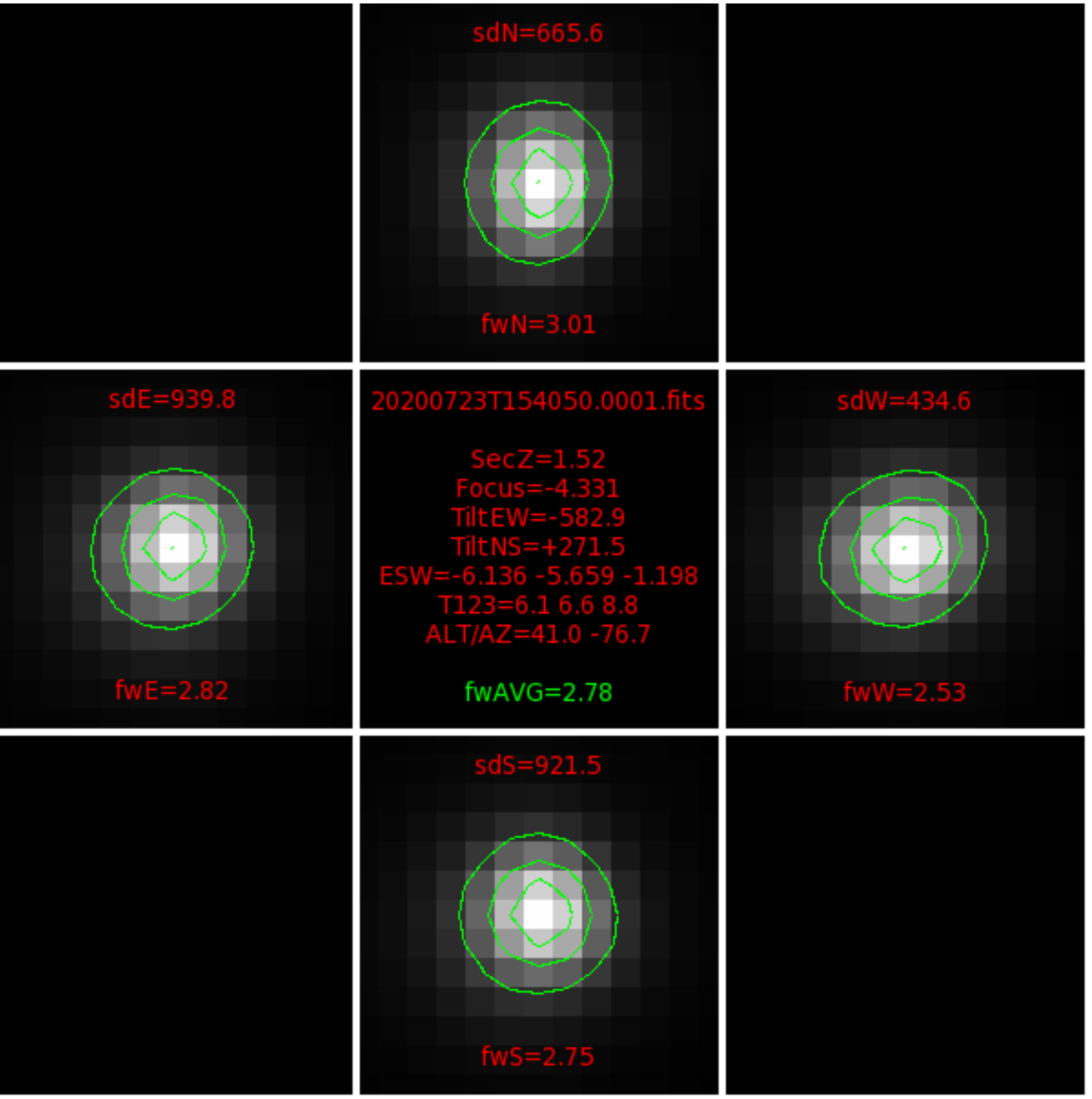
sdN=665.6
fwN=3.01
sdE=939.8
fwE=2.82
20200723T154050.0001.fits
SecZ=1.52
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.1 6.6 8.8
ALT/AZ=41.0 -76.7
fwAVG=2.78
sdW=434.6
fwW=2.53
sdS=921.5
fwS=2.75
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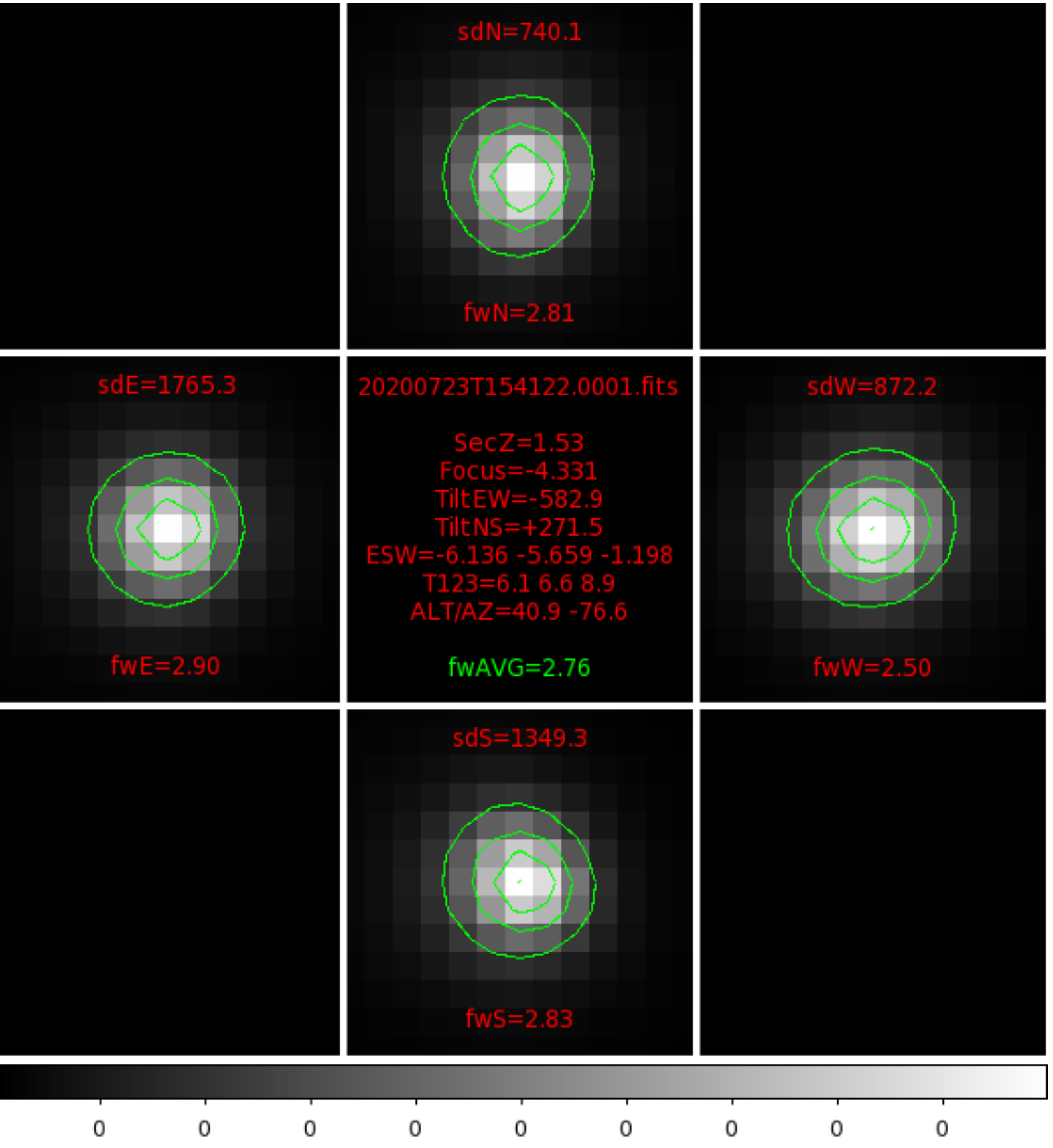
sdN=740.1
fwN=2.81
sdE=1765.3
fwE=2.90
20200723T154122.0001.fits
SecZ=1.53
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.1 6.6 8.9
ALT/AZ=40.9 -76.6
fwAVG=2.76
sdW=872.2
fwW=2.50
sdS=1349.3
fwS=2.83
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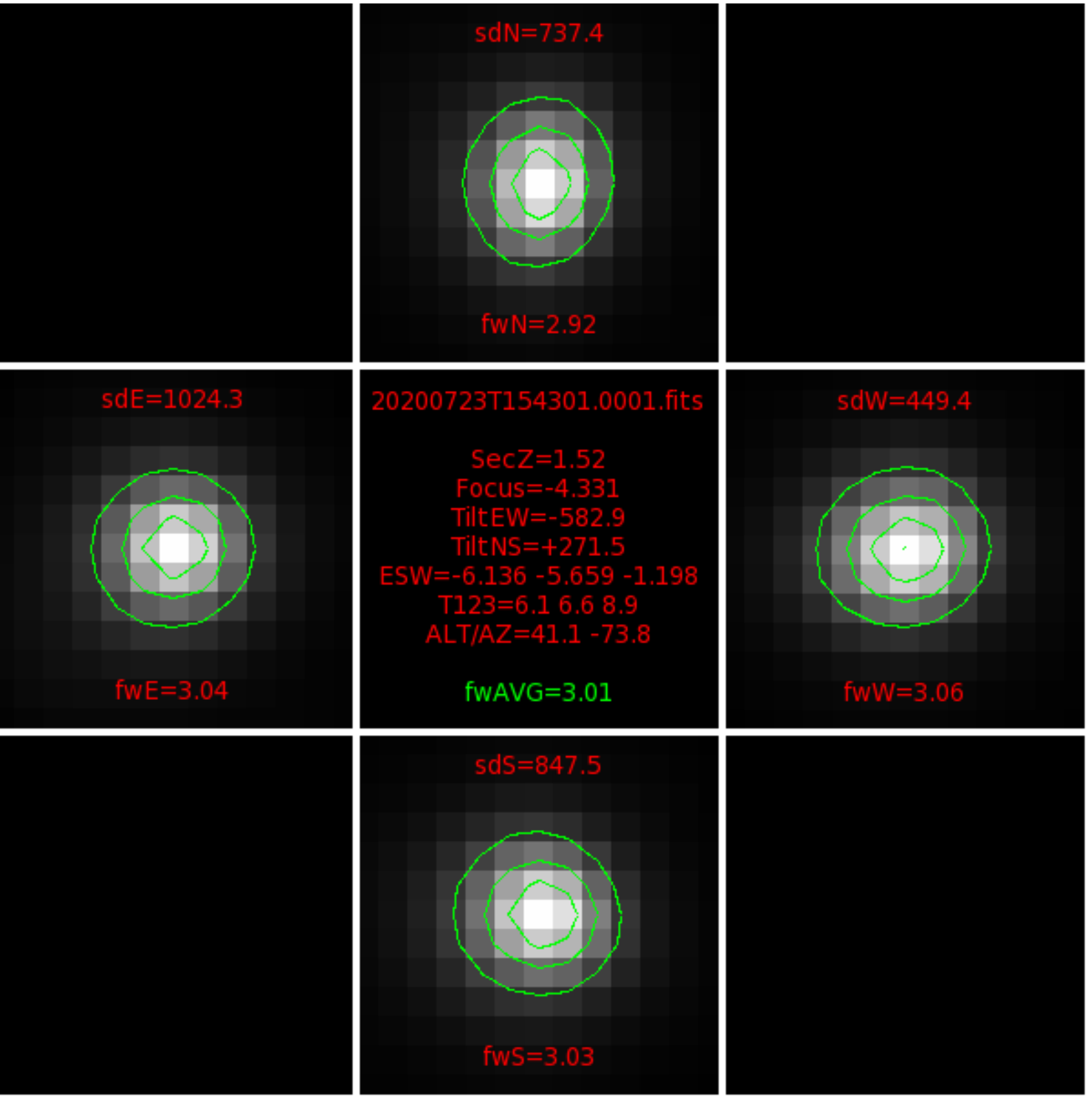
sdN=737.4
fwN=2.92
sdE=1024.3
fwE=3.04
20200723T154301.0001.fits
SecZ=1.52
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.1 6.6 8.9
ALT/AZ=41.1 -73.8
fwAVG=3.01
sdW=449.4
fwW=3.06
sdS=847.5
fwS=3.03
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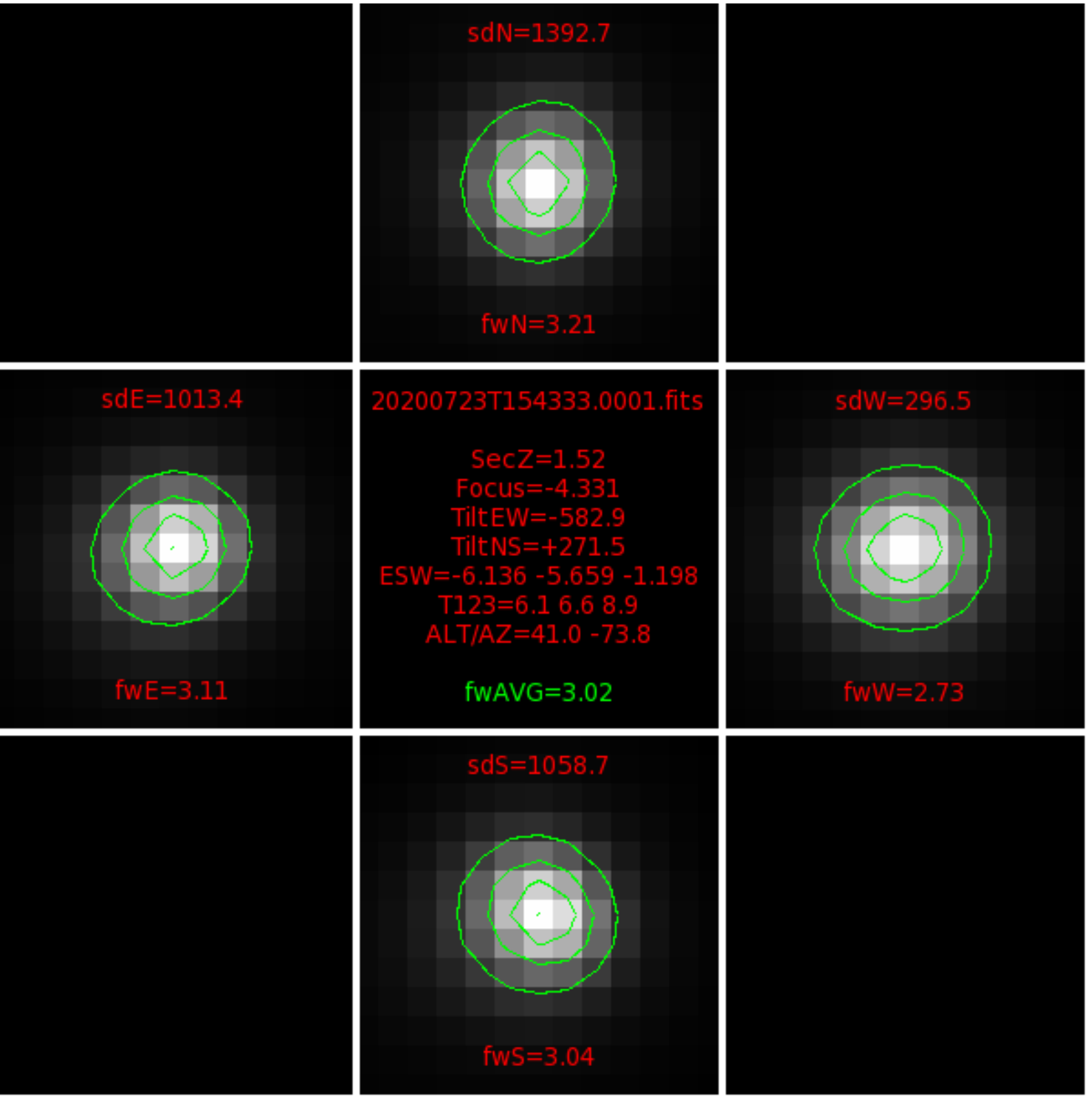
sdN=1392.7
fwN=3.21
sdE=1013.4
fwE=3.11
20200723T154333.0001.fits
SecZ=1.52
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.1 6.6 8.9
ALT/AZ=41.0 -73.8
fwAVG=3.02
sdW=296.5
fwW=2.73
sdS=1058.7
fwS=3.04
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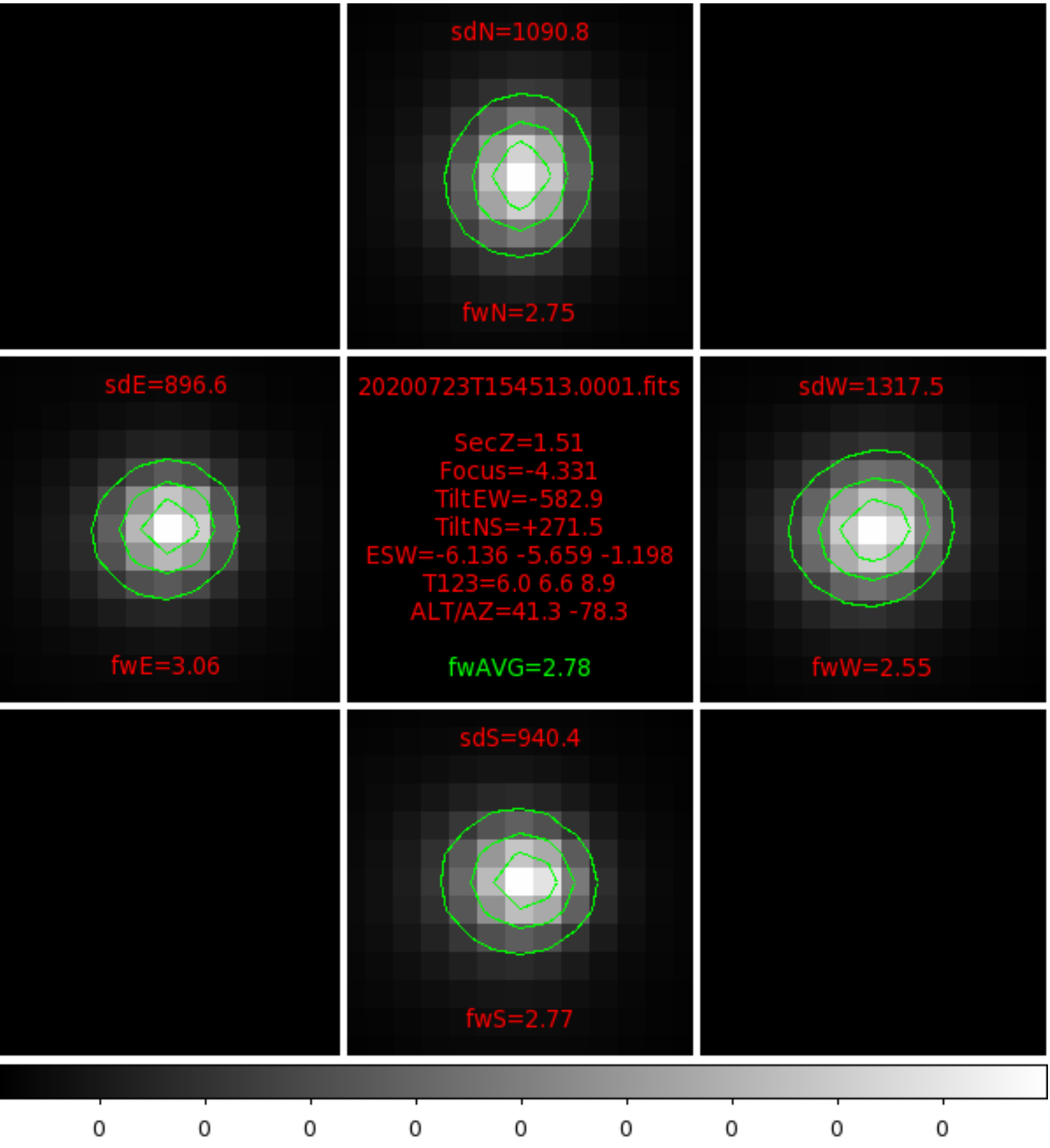
sdN=1090.8
fwN=2.75
sdE=896.6
fwE=3.06
20200723T154513.0001.fits
SecZ=1.51
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.0 6.6 8.9
ALT/AZ=41.3 -78.3
fwAVG=2.78
sdW=1317.5
fwW=2.55
sdS=940.4
fwS=2.77
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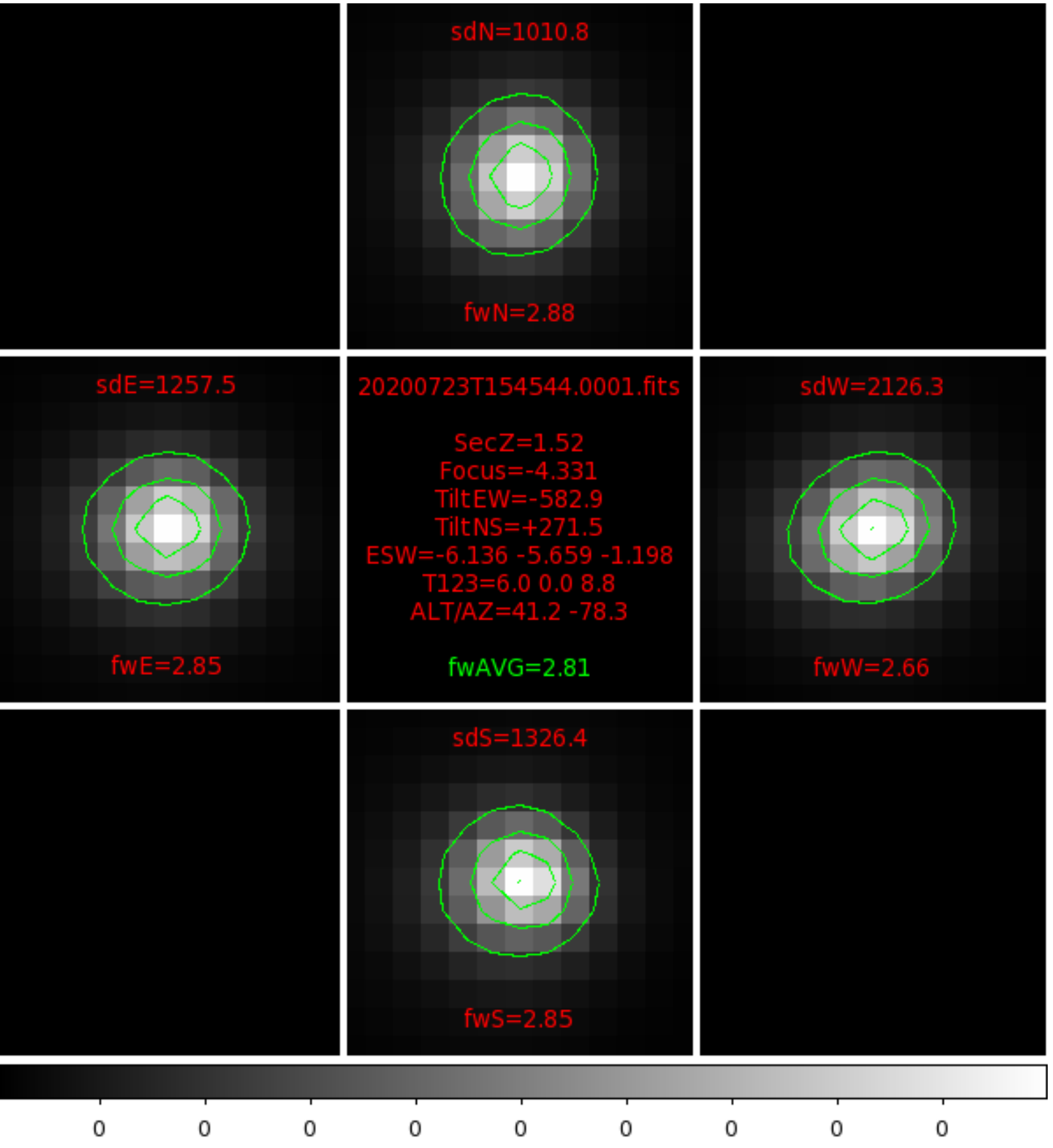
sdN=1010.8
fwN=2.88
sdE=1257.5
fwE=2.85
20200723T154544.0001.fits
SecZ=1.52
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.0 0.0 8.8
ALT/AZ=41.2 -78.3
fwAVG=2.81
sdW=2126.3
fwW=2.66
sdS=1326.4
fwS=2.85
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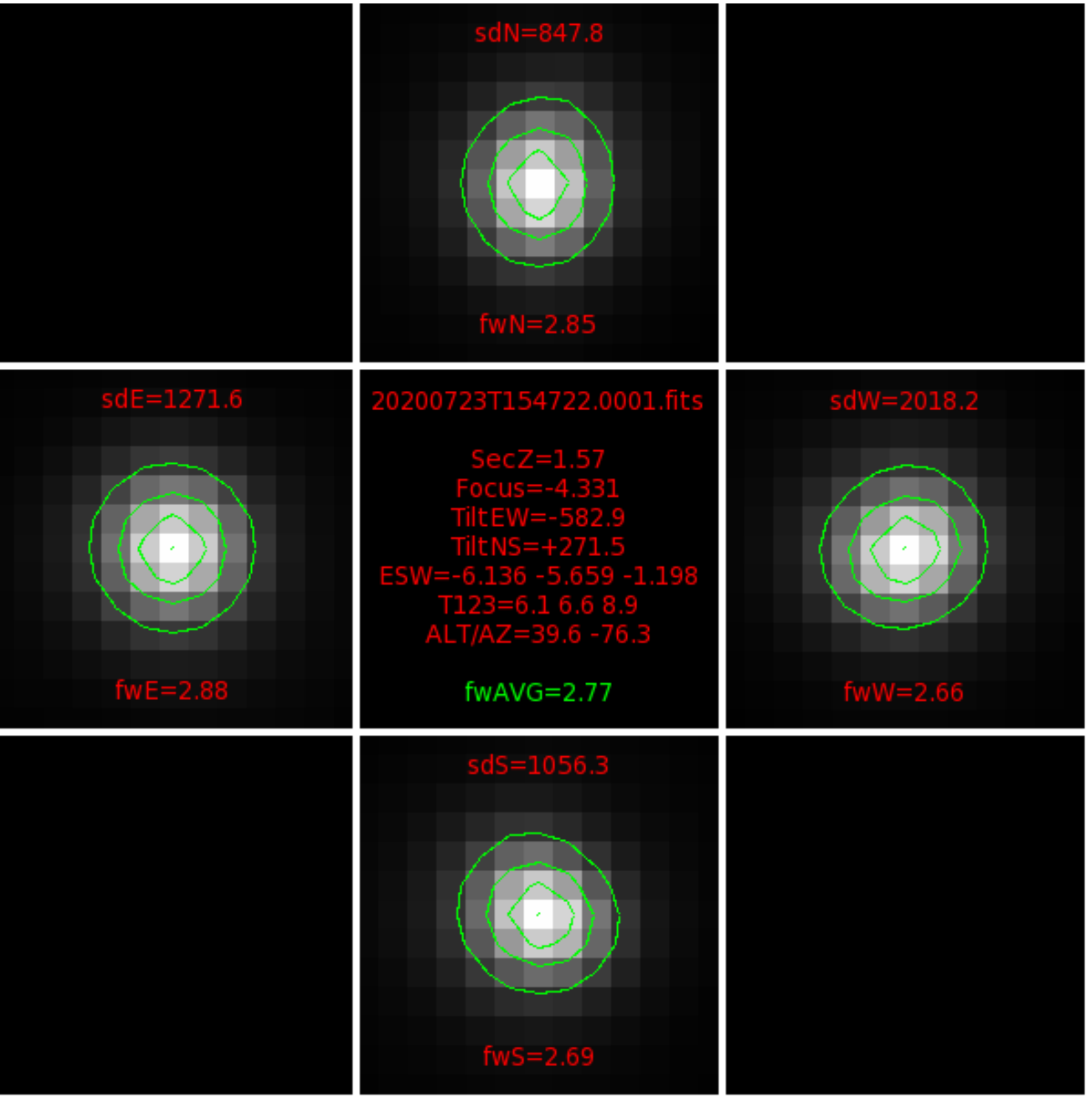
sdN=847.8
fwN=2.85
sdE=1271.6
fwE=2.88
20200723T154722.0001.fits
SecZ=1.57
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.1 6.6 8.9
ALT/AZ=39.6 -76.3
fwAVG=2.77
sdW=2018.2
fwW=2.66
sdS=1056.3
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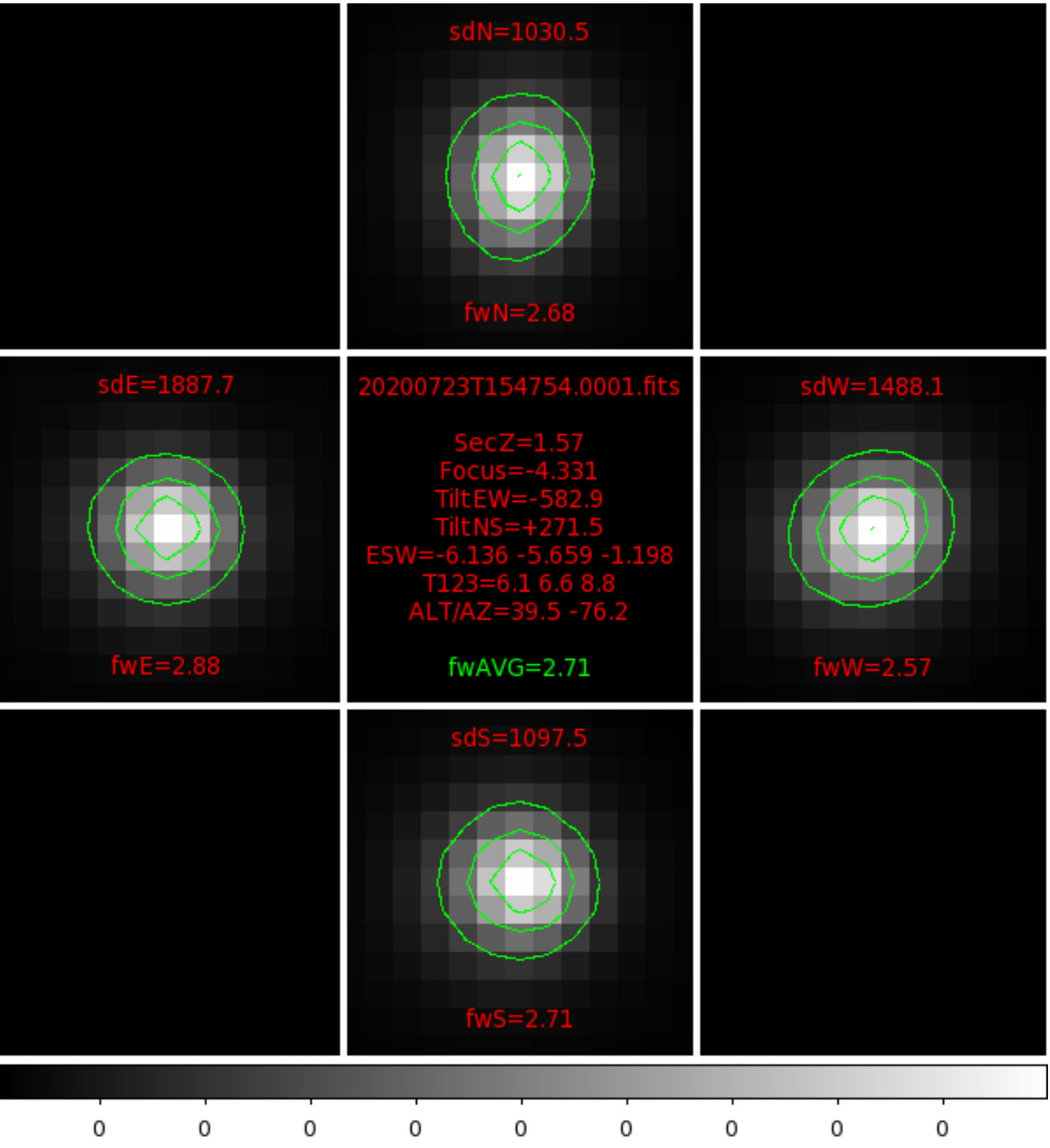
sdN=1030.5
fwN=2.68
sdE=1887.7
fwE=2.88
20200723T154754.0001.fits
SecZ=1.57
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.1 6.6 8.8
ALT/AZ=39.5 -76.2
fwAVG=2.71
sdW=1488.1
fwW=2.57
sdS=1097.5
fwS=2.71
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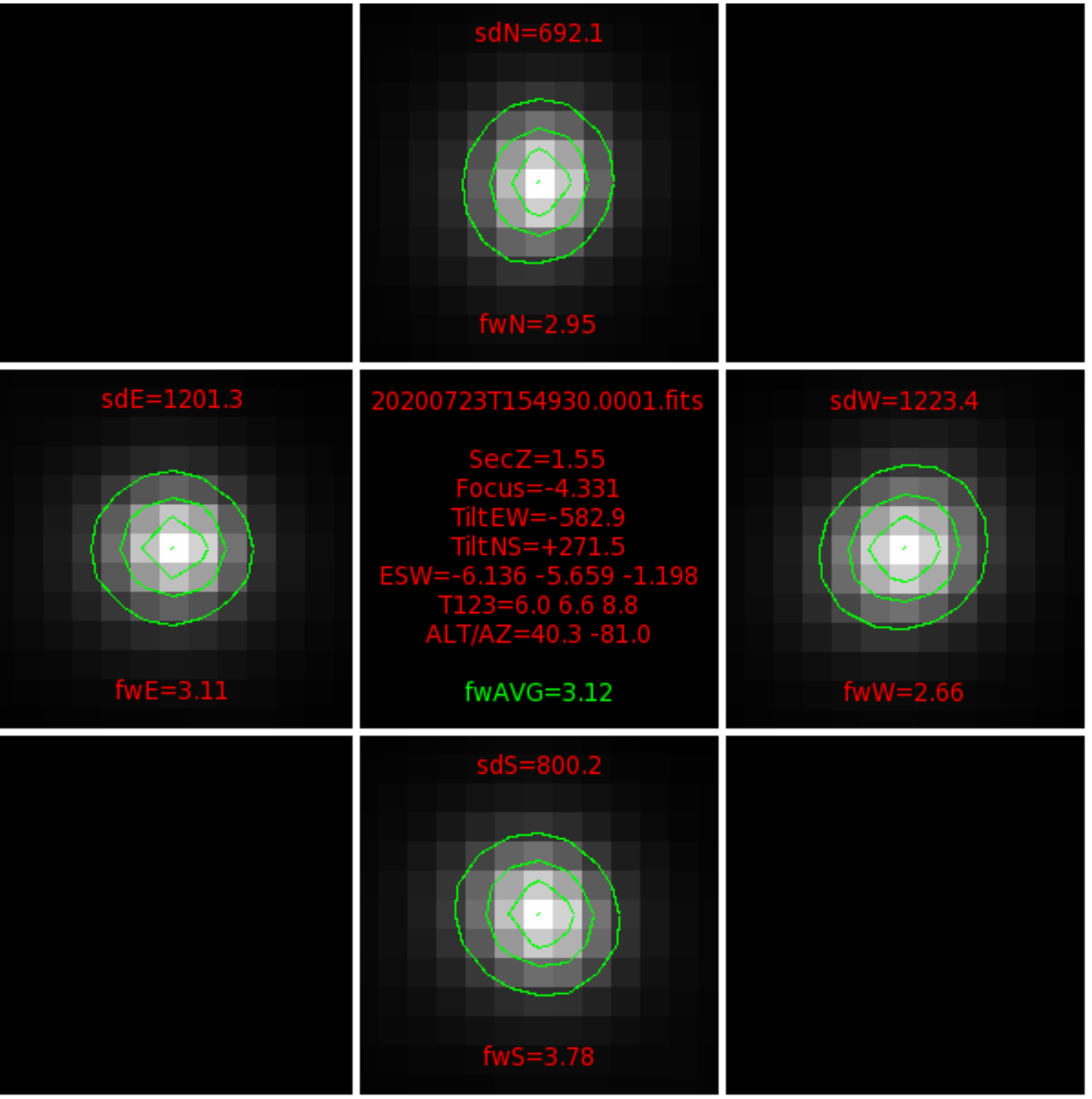
sdN=692.1
fwN=2.95
sdE=1201.3
fwE=3.11
20200723T154930.0001.fits
SecZ=1.55
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.0 6.6 8.8
ALT/AZ=40.3 -81.0
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sdW=1223.4
fwW=2.66
sdS=800.2
fwS=3.78
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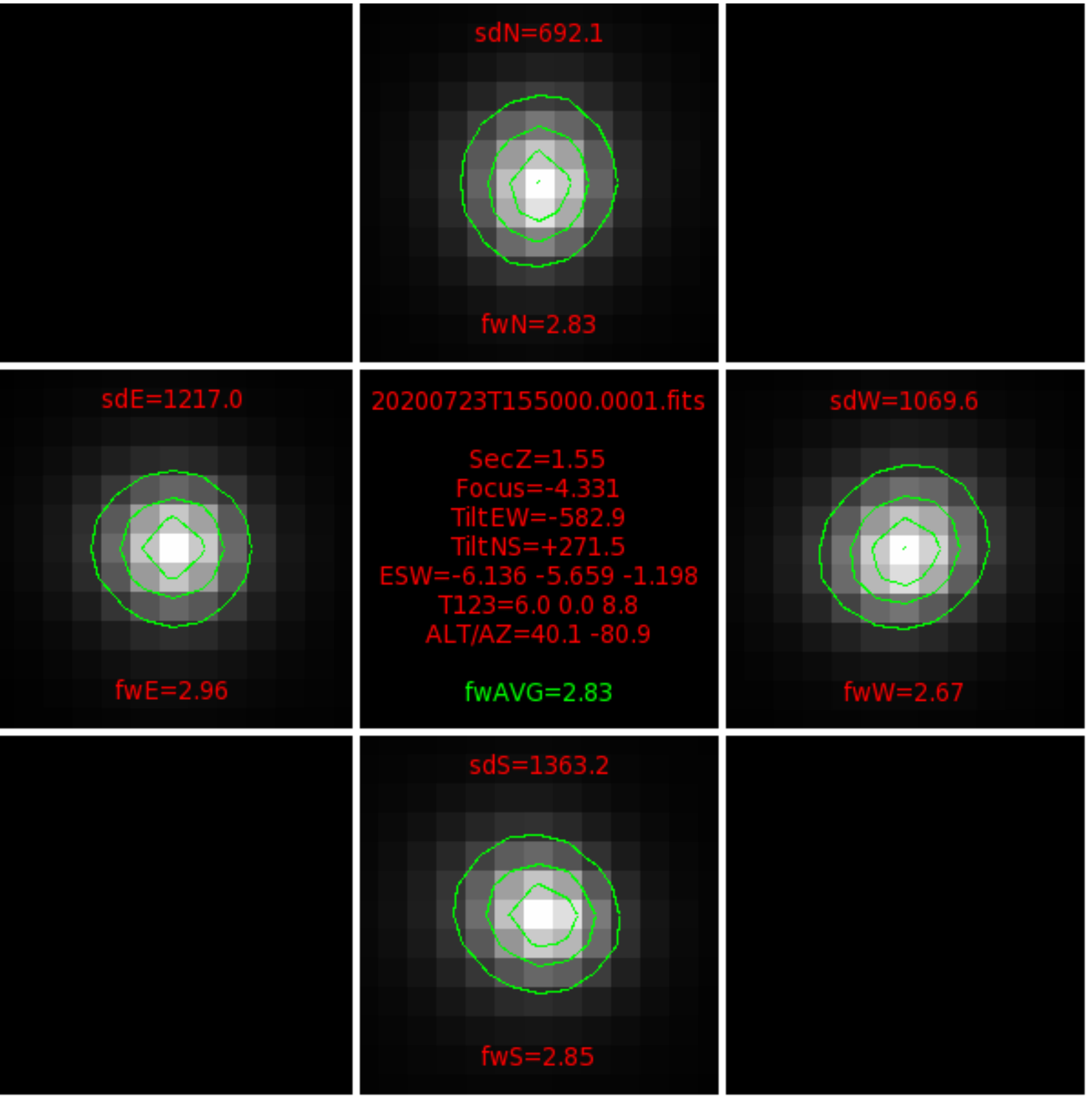
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fwN=2.83
sdE=1217.0
fwE=2.96
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SecZ=1.55
Focus=-4.331
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.136 -5.659 -1.198
T123=6.0 0.0 8.8
ALT/AZ=40.1 -80.9
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sdW=1069.6
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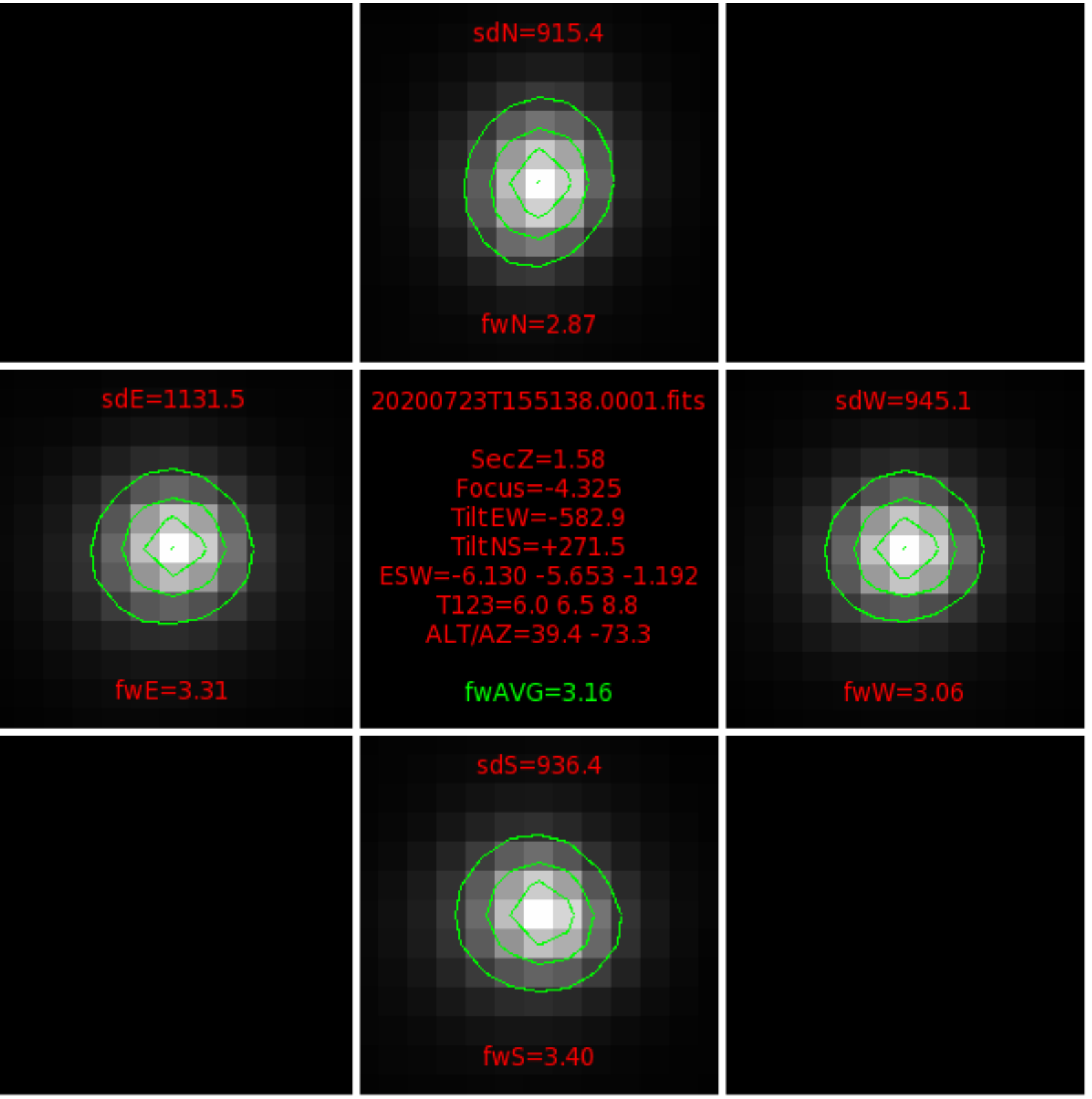
sdN=915.4
fwN=2.87
sdE=1131.5
fwE=3.31
20200723T155138.0001.fits
SecZ=1.58
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=6.0 6.5 8.8
ALT/AZ=39.4 -73.3
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sdW=945.1
fwW=3.06
sdS=936.4
fwS=3.40
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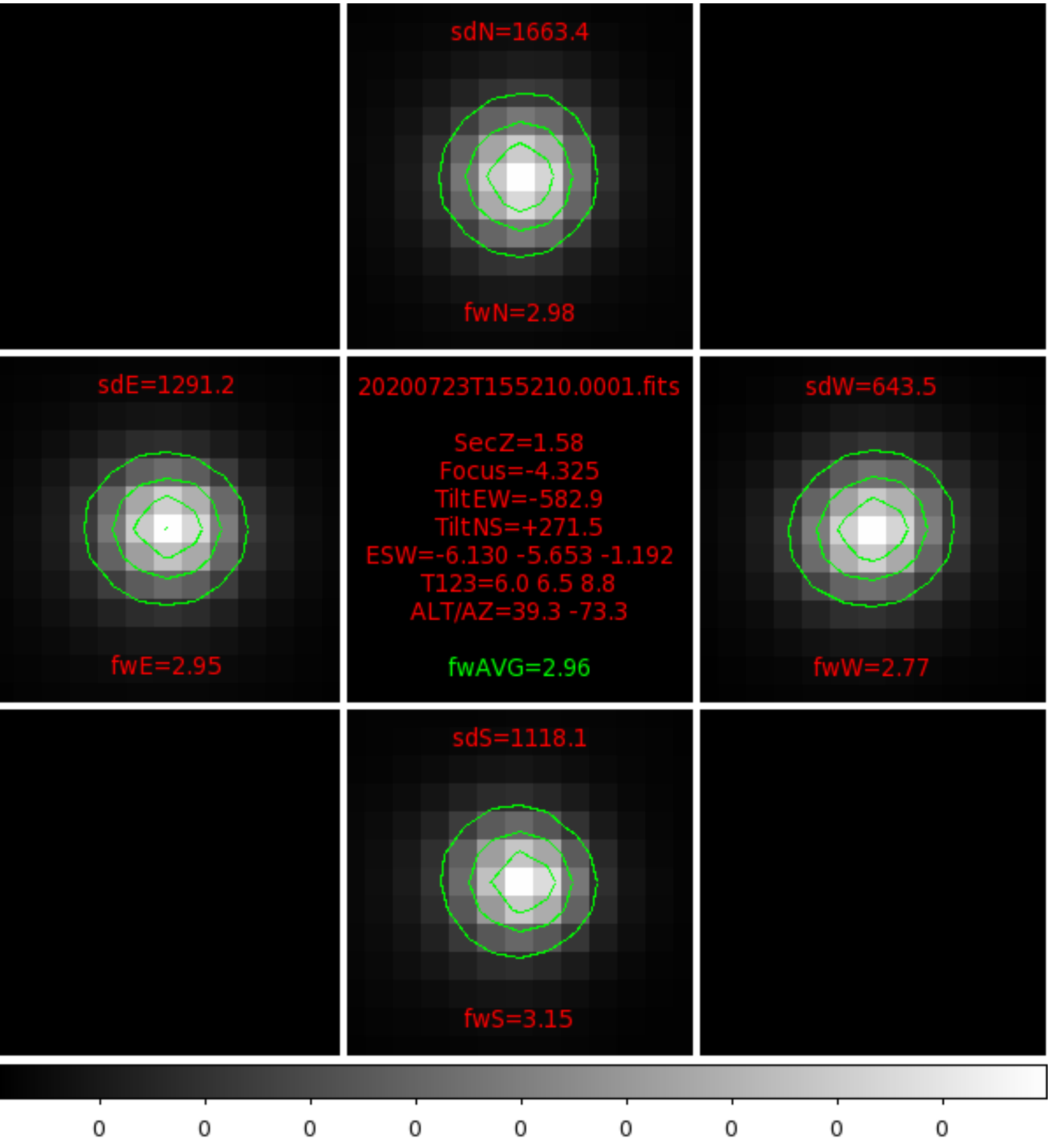
sdN=1663.4
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sdE=1291.2
fwE=2.95
20200723T155210.0001.fits
SecZ=1.58
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=6.0 6.5 8.8
ALT/AZ=39.3 -73.3
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sdW=643.5
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sdS=1118.1
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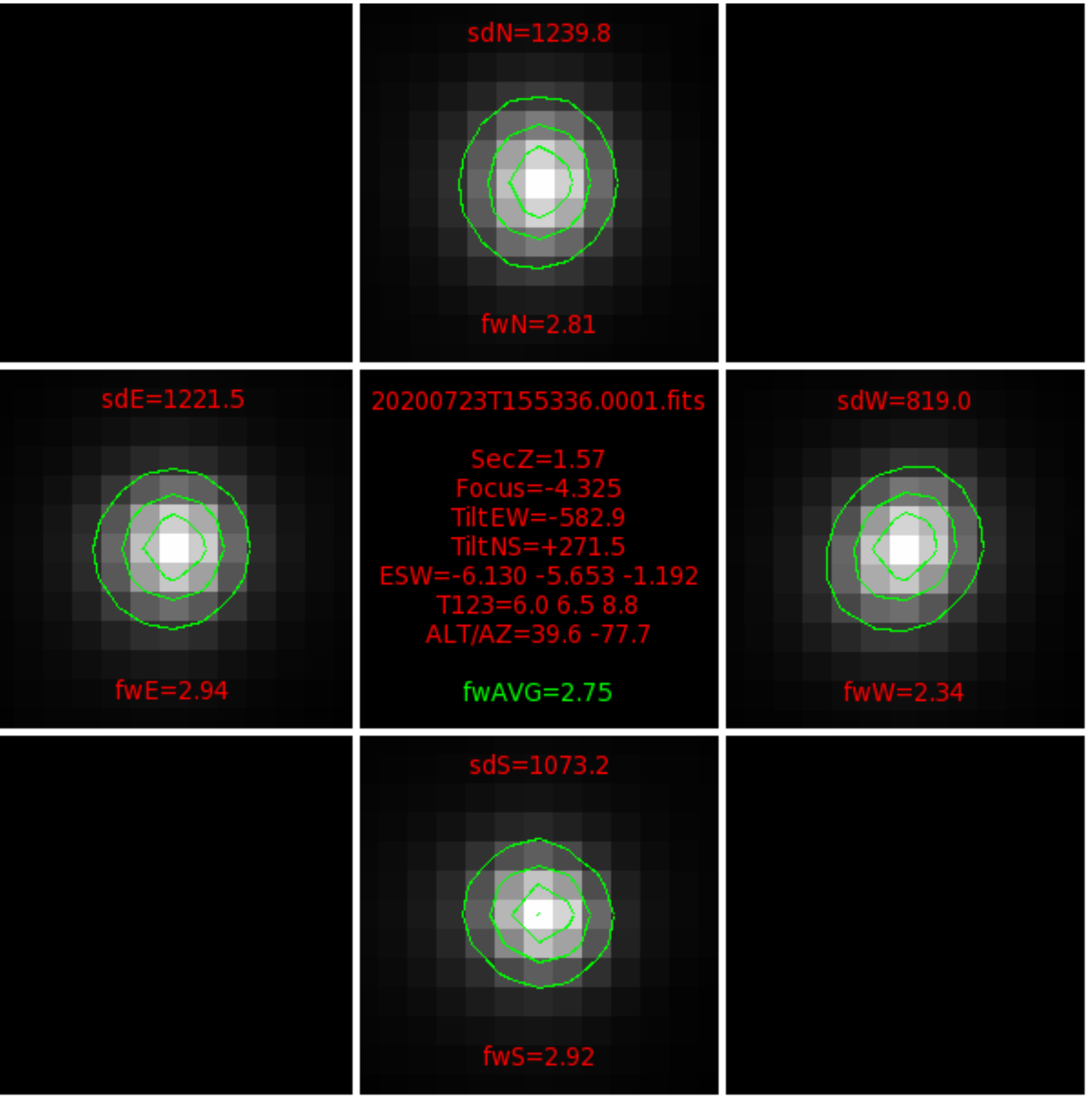
sdN=1239.8
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sdE=1221.5
fwE=2.94
20200723T155336.0001.fits
SecZ=1.57
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=6.0 6.5 8.8
ALT/AZ=39.6 -77.7
fwAVG=2.75
sdW=819.0
fwW=2.34
sdS=1073.2
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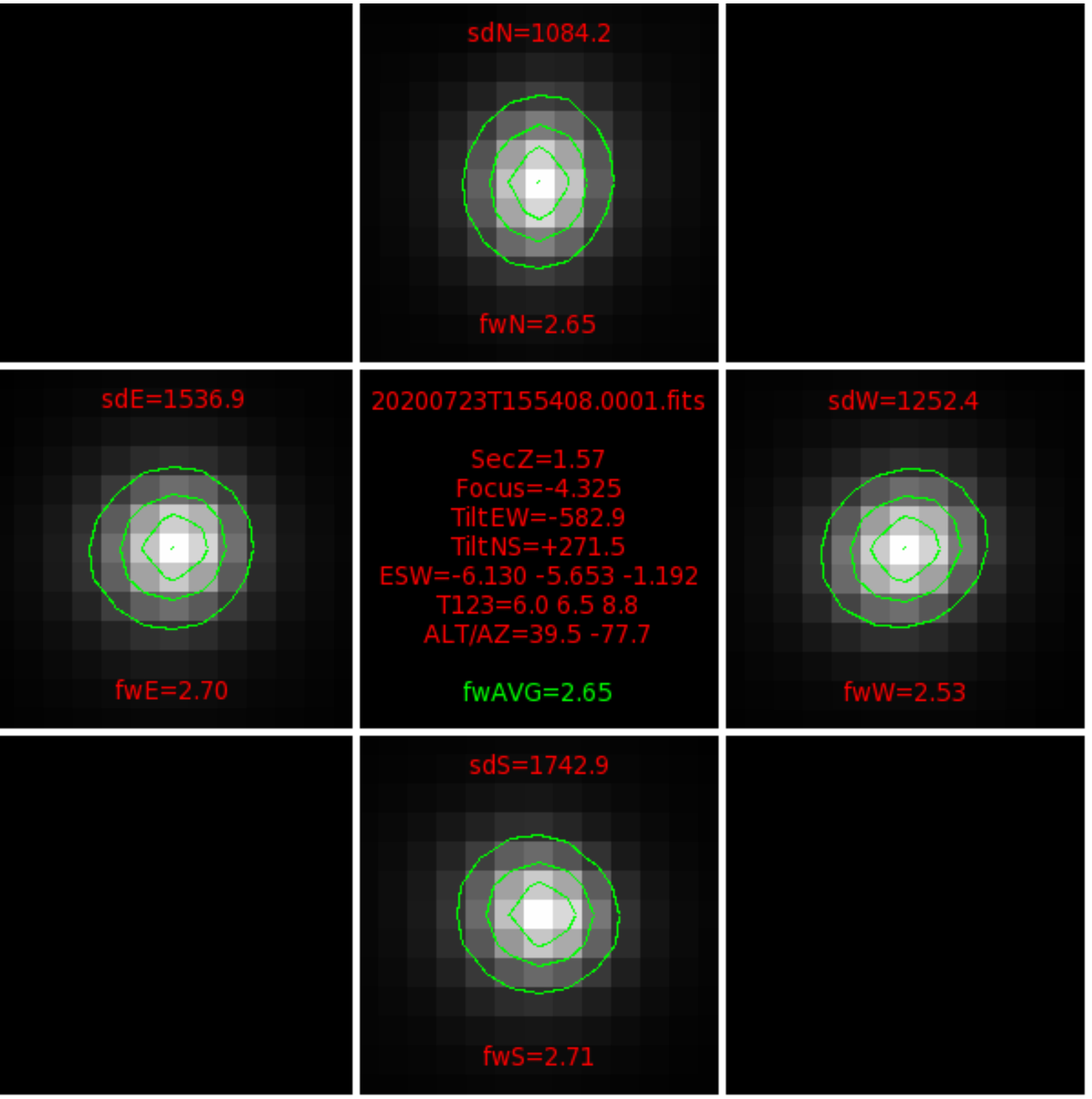
sdN=1084.2
fwN=2.65
sdE=1536.9
fwE=2.70
20200723T155408.0001.fits
SecZ=1.57
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=6.0 6.5 8.8
ALT/AZ=39.5 -77.7
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sdW=1252.4
fwW=2.53
sdS=1742.9
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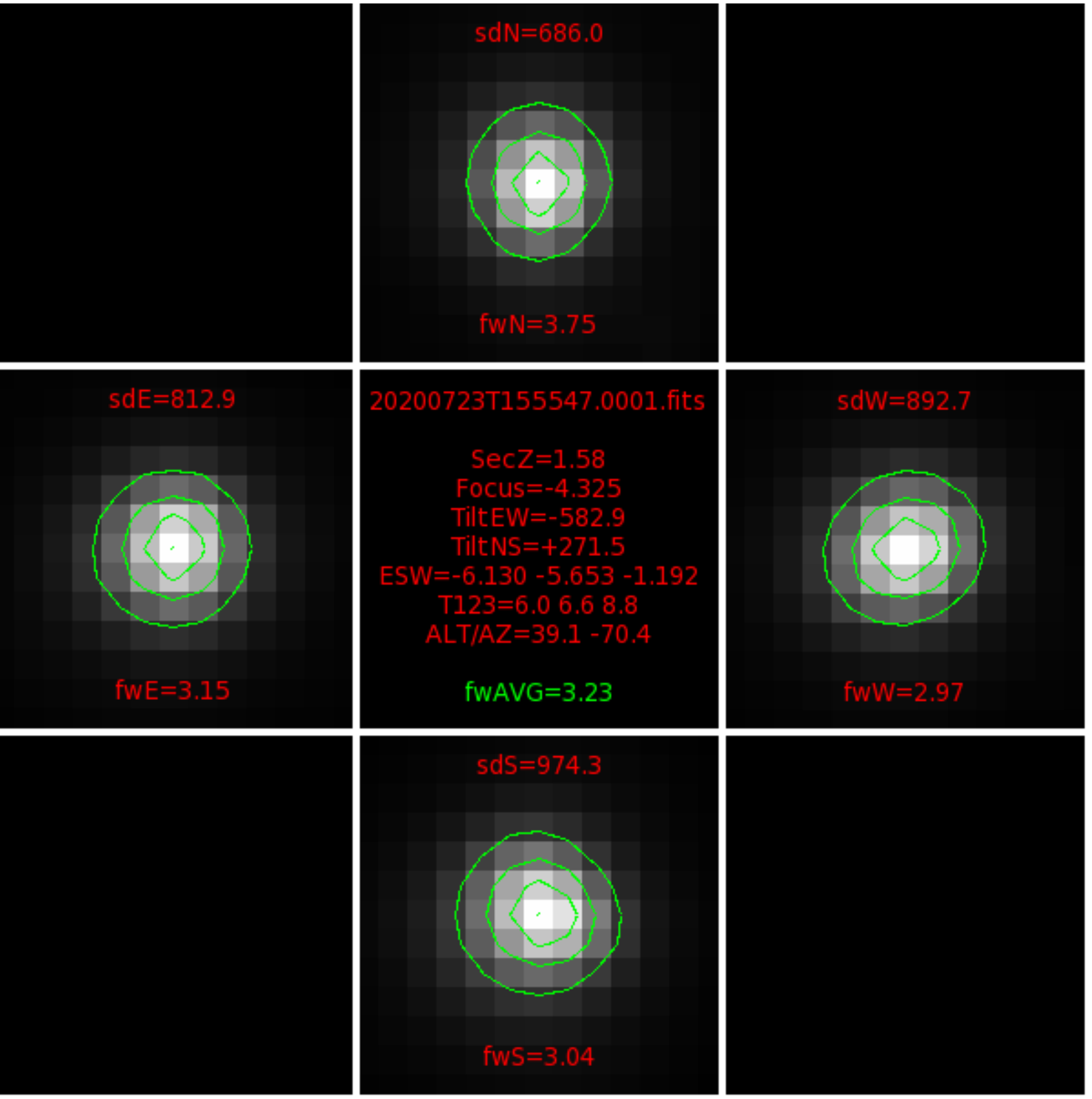
sdN=686.0
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sdE=812.9
fwE=3.15
20200723T155547.0001.fits
SecZ=1.58
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=6.0 6.6 8.8
ALT/AZ=39.1 -70.4
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sdW=892.7
fwW=2.97
sdS=974.3
fwS=3.04
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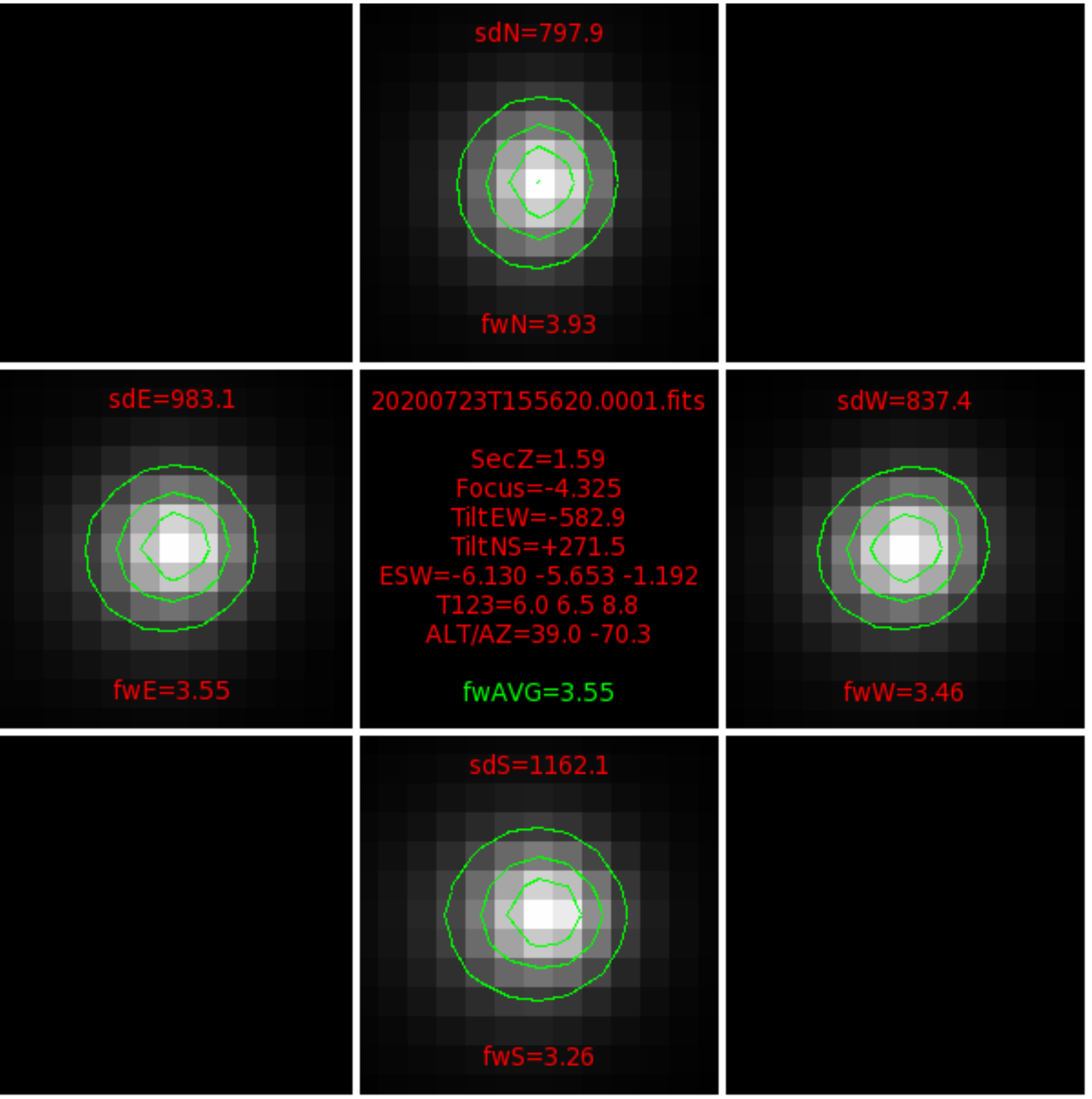
sdN=797.9
fwN=3.93
sdE=983.1
fwE=3.55
20200723T155620.0001.fits
SecZ=1.59
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=6.0 6.5 8.8
ALT/AZ=39.0 -70.3
fwAVG=3.55
sdW=837.4
fwW=3.46
sdS=1162.1
fwS=3.26
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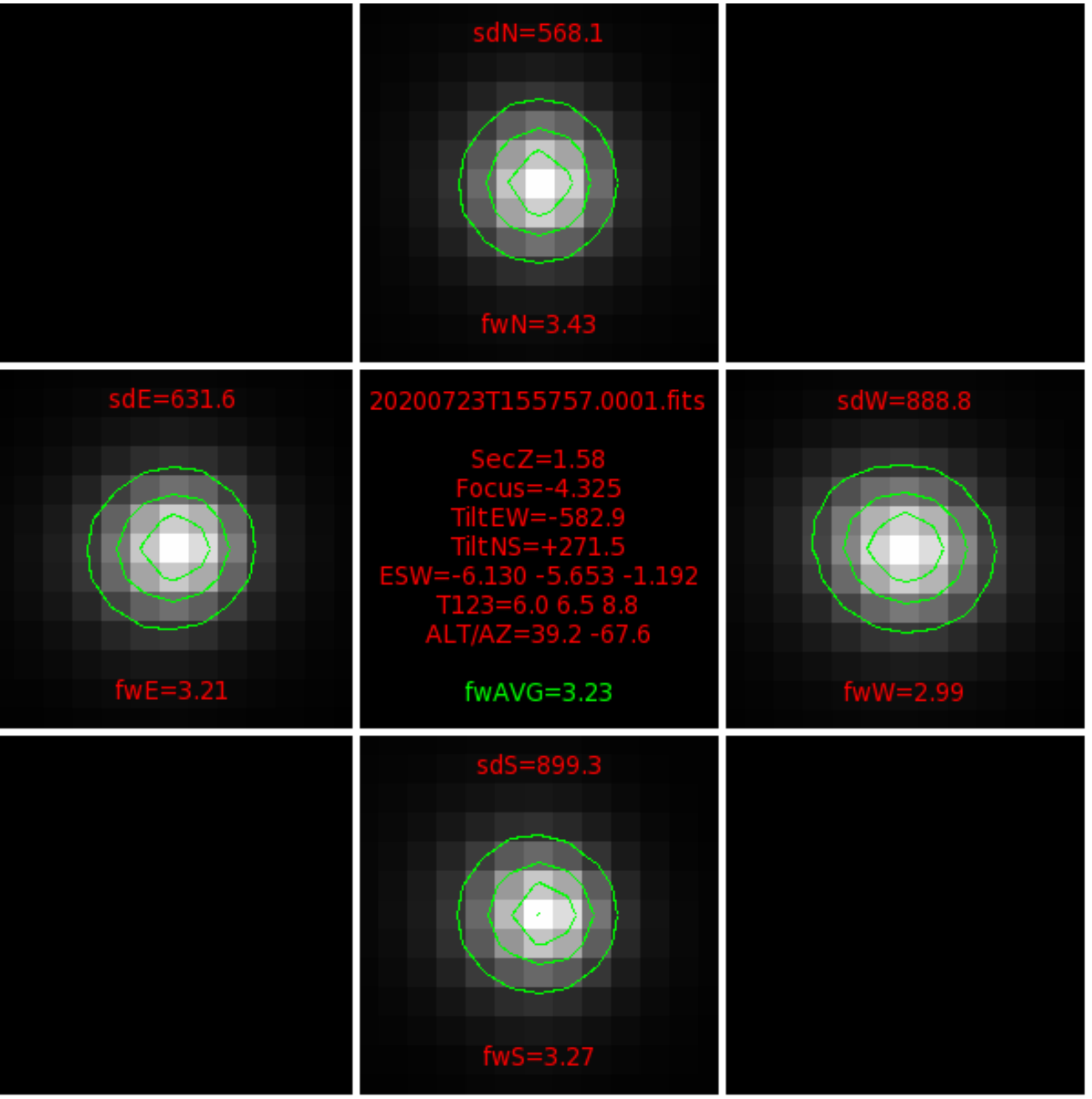
sdN=568.1
fwN=3.43
sdE=631.6
fwE=3.21
20200723T155757.0001.fits
SecZ=1.58
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=6.0 6.5 8.8
ALT/AZ=39.2 -67.6
fwAVG=3.23
sdW=888.8
fwW=2.99
sdS=899.3
fwS=3.27
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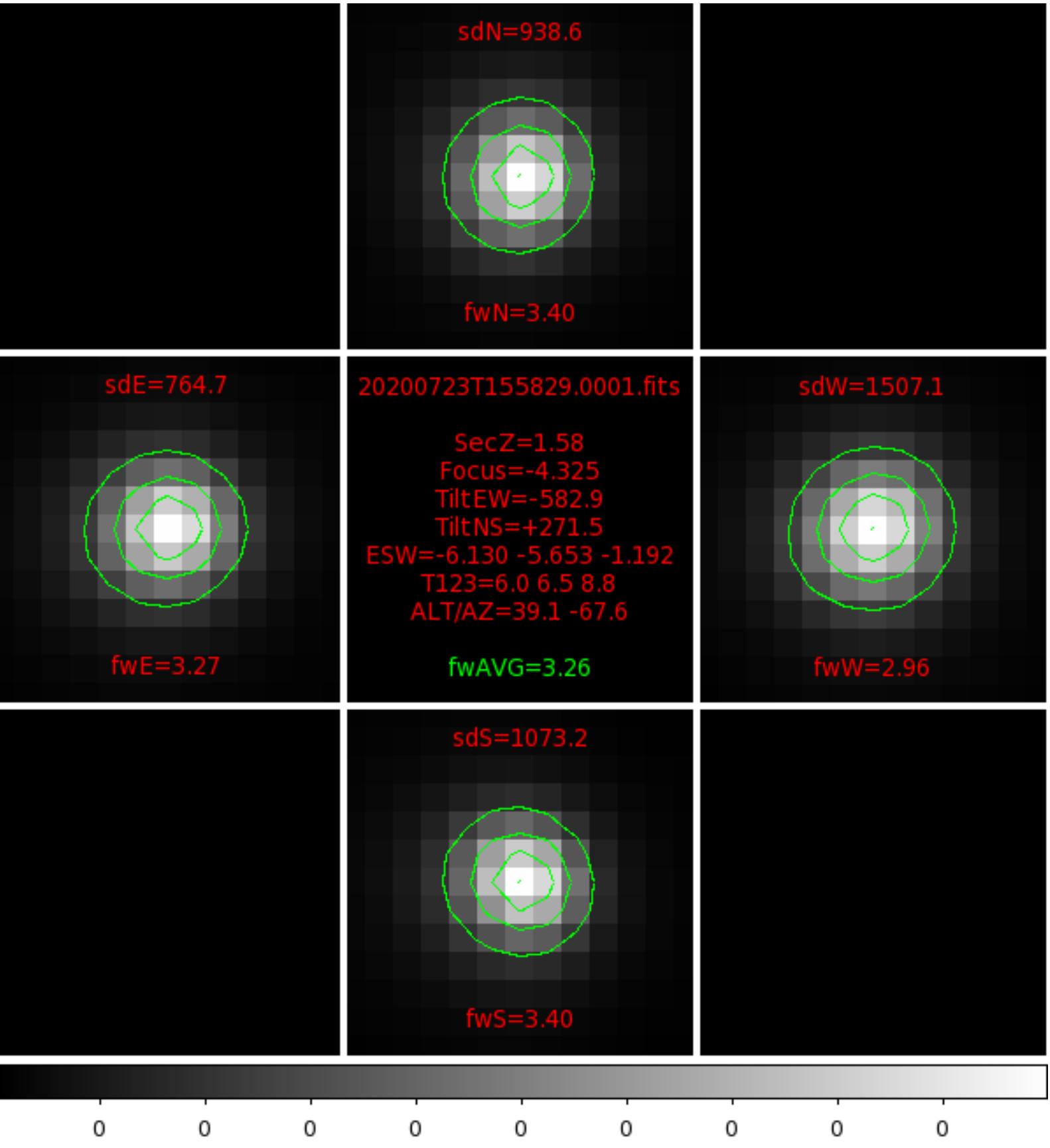
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sdE=764.7
fwE=3.27
20200723T155829.0001.fits
SecZ=1.58
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=6.0 6.5 8.8
ALT/AZ=39.1 -67.6
fwAVG=3.26
sdW=1507.1
fwW=2.96
sdS=1073.2
fwS=3.40
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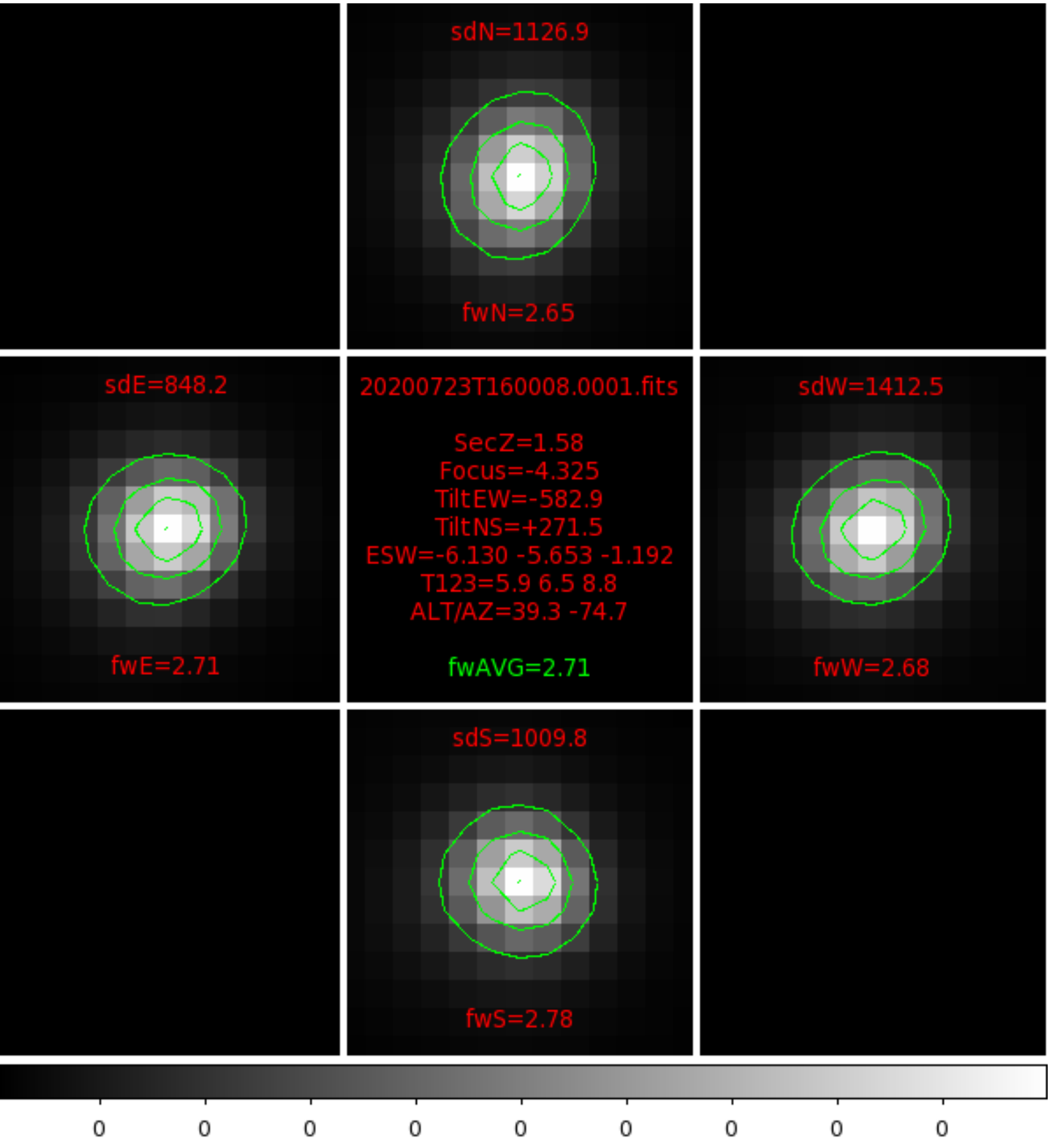
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fwN=2.65
sdE=848.2
fwE=2.71
20200723T160008.0001.fits
SecZ=1.58
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=5.9 6.5 8.8
ALT/AZ=39.3 -74.7
fwAVG=2.71
sdW=1412.5
fwW=2.68
sdS=1009.8
fwS=2.78
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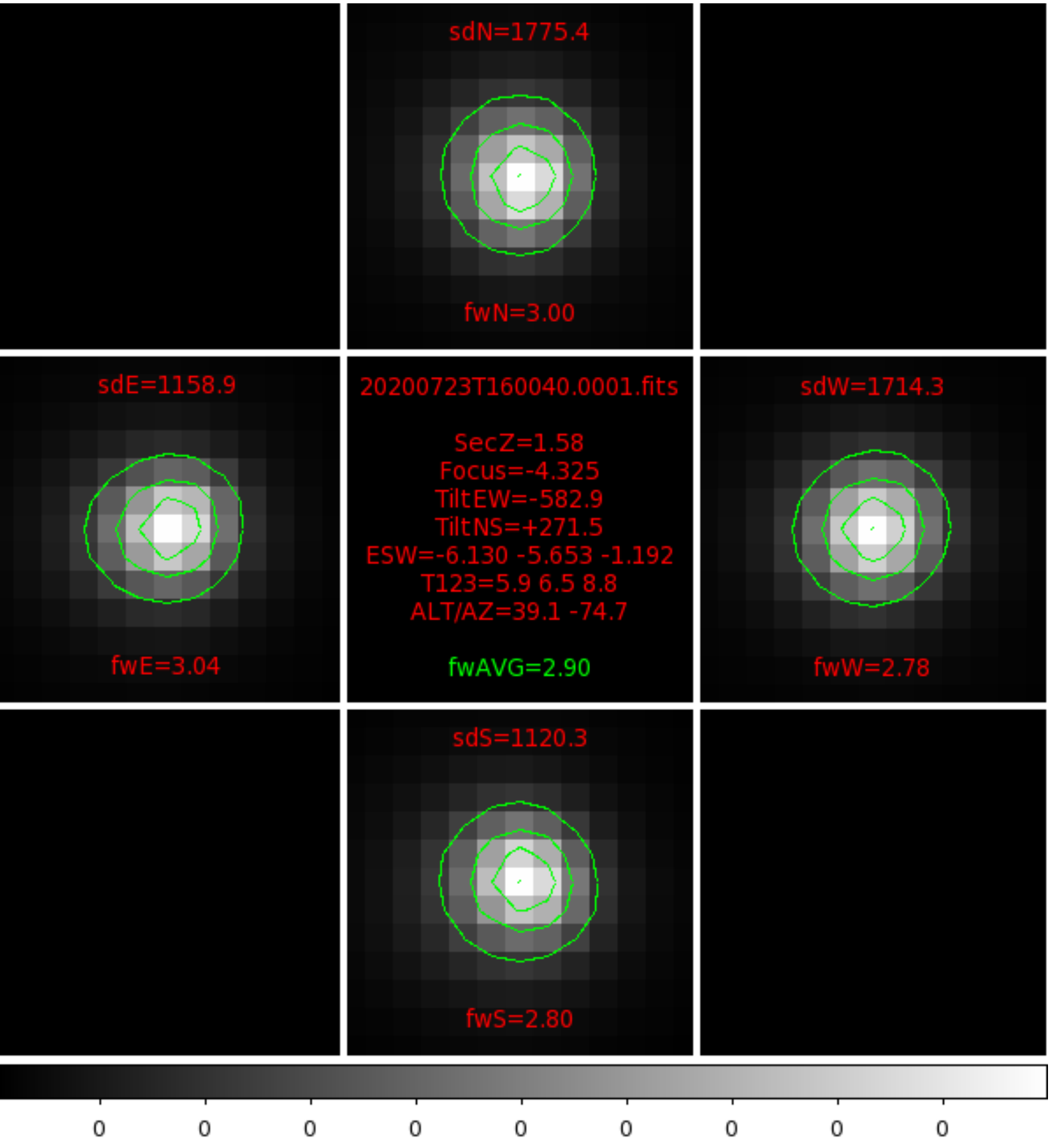
sdN=1775.4
fwN=3.00
sdE=1158.9
fwE=3.04
20200723T160040.0001.fits
SecZ=1.58
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=5.9 6.5 8.8
ALT/AZ=39.1 -74.7
fwAVG=2.90
sdW=1714.3
fwW=2.78
sdS=1120.3
fwS=2.80
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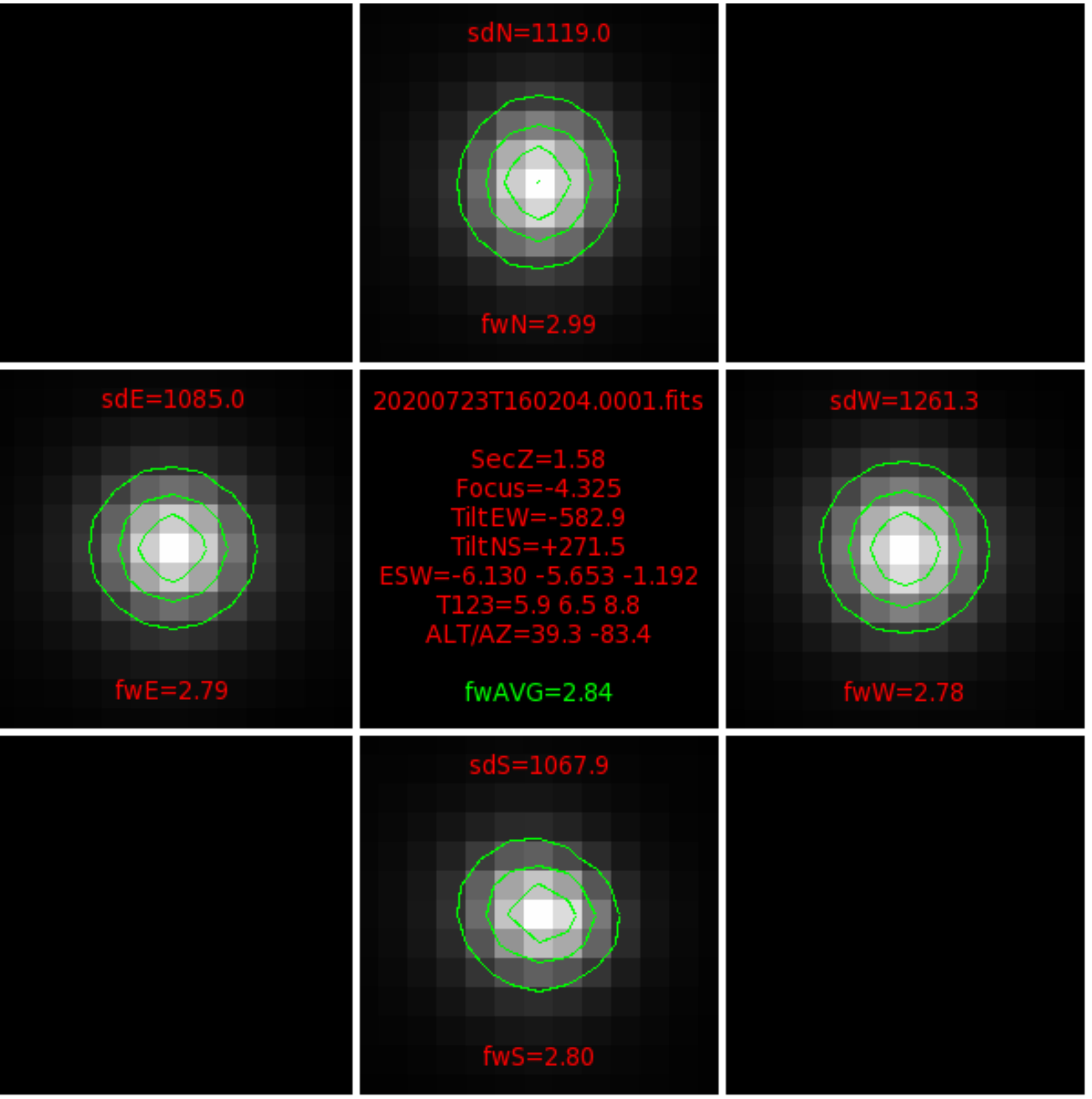
sdN=1119.0
fwN=2.99
sdE=1085.0
fwE=2.79
20200723T160204.0001.fits
SecZ=1.58
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=5.9 6.5 8.8
ALT/AZ=39.3 -83.4
fwAVG=2.84
sdW=1261.3
fwW=2.78
sdS=1067.9
fwS=2.80
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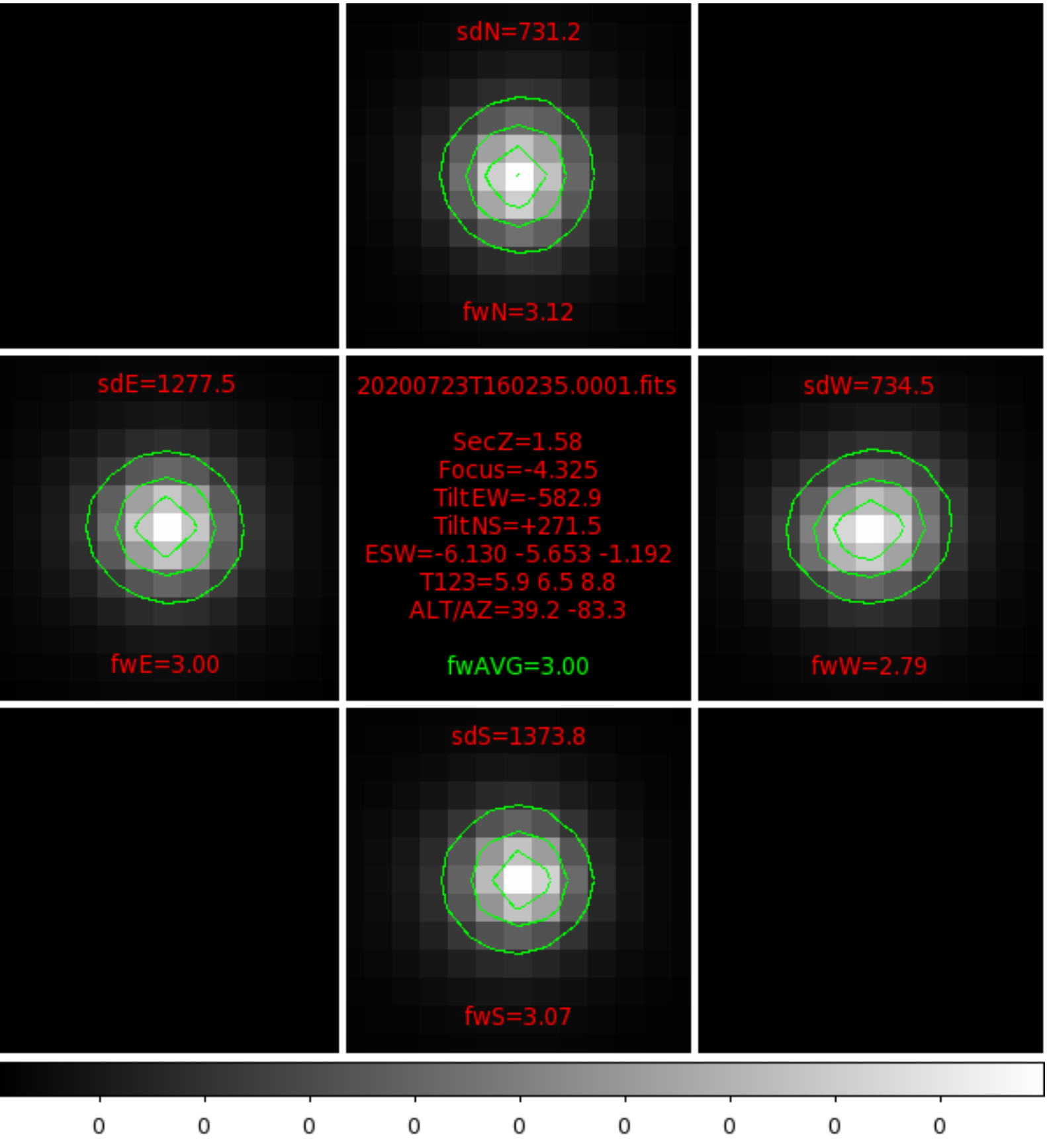
sdN=731.2
fwN=3.12
sdE=1277.5
fwE=3.00
20200723T160235.0001.fits
SecZ=1.58
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=5.9 6.5 8.8
ALT/AZ=39.2 -83.3
fwAVG=3.00
sdW=734.5
fwW=2.79
sdS=1373.8
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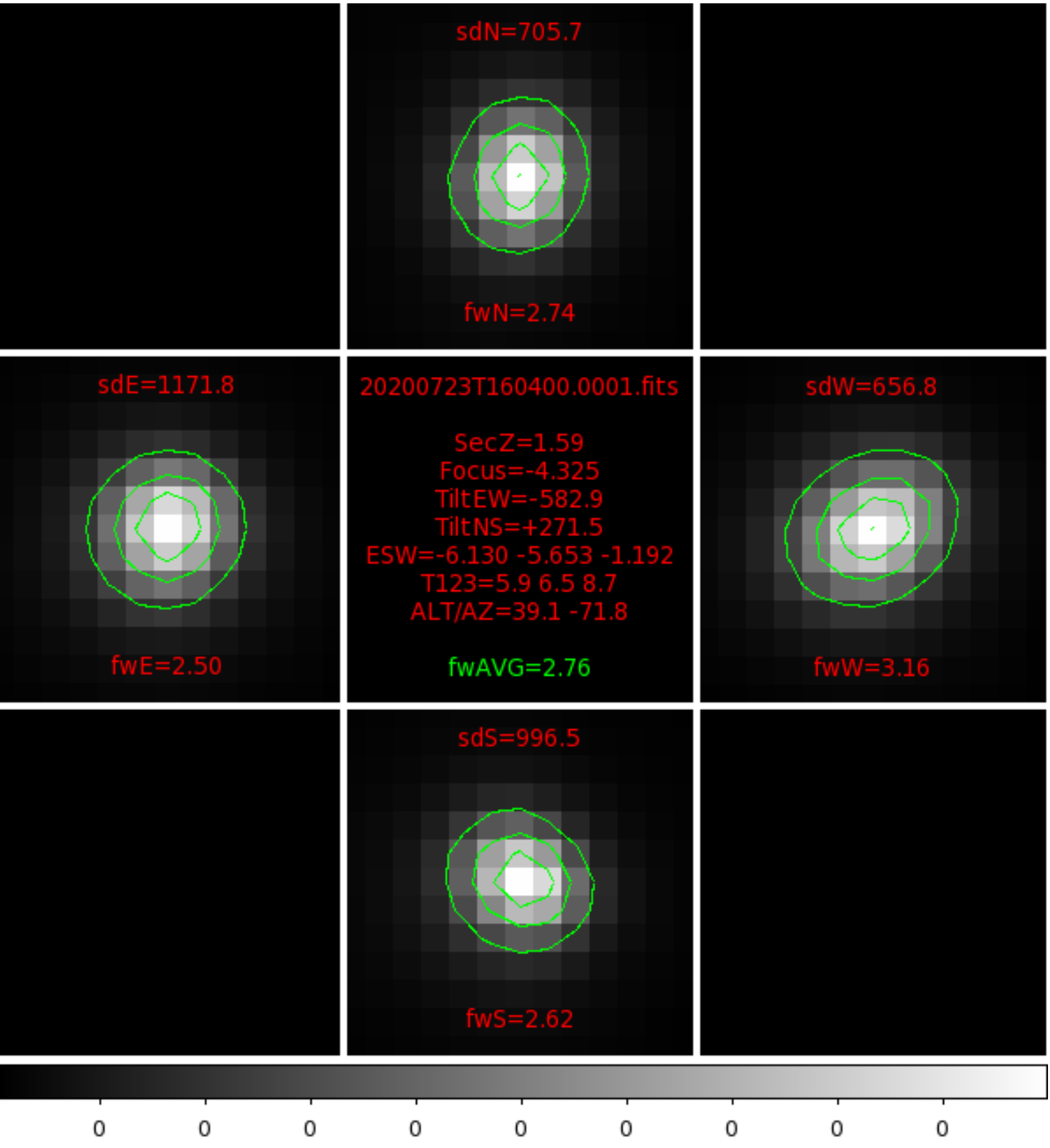
sdN=705.7
fwN=2.74
sdE=1171.8
fwE=2.50
20200723T160400.0001.fits
SecZ=1.59
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=5.9 6.5 8.7
ALT/AZ=39.1 -71.8
fwAVG=2.76
sdW=656.8
fwW=3.16
sdS=996.5
fwS=2.62
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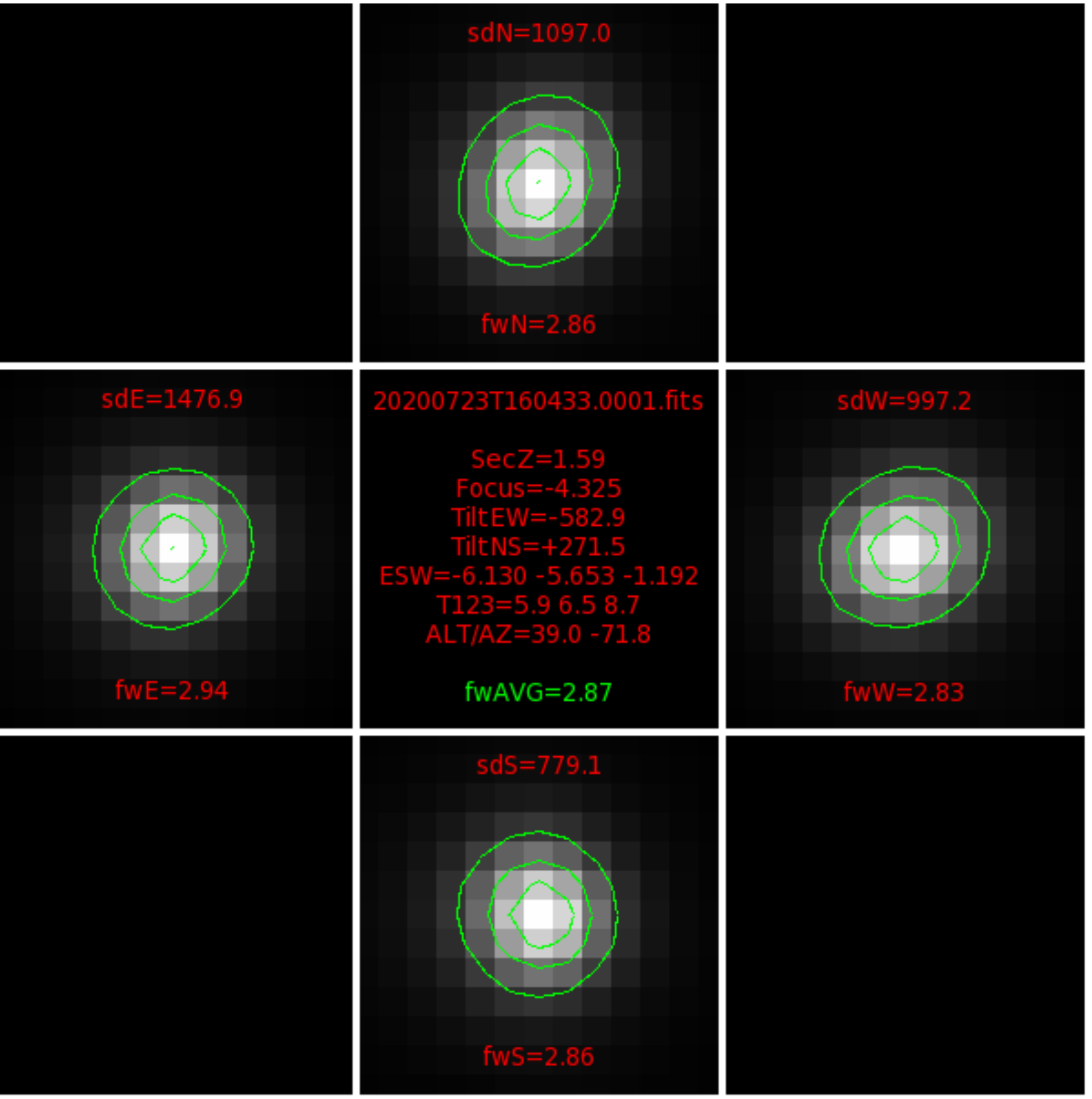
sdN=1097.0
fwN=2.86
sdE=1476.9
fwE=2.94
20200723T160433.0001.fits
SecZ=1.59
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=5.9 6.5 8.7
ALT/AZ=39.0 -71.8
fwAVG=2.87
sdW=997.2
fwW=2.83
sdS=779.1
fwS=2.86
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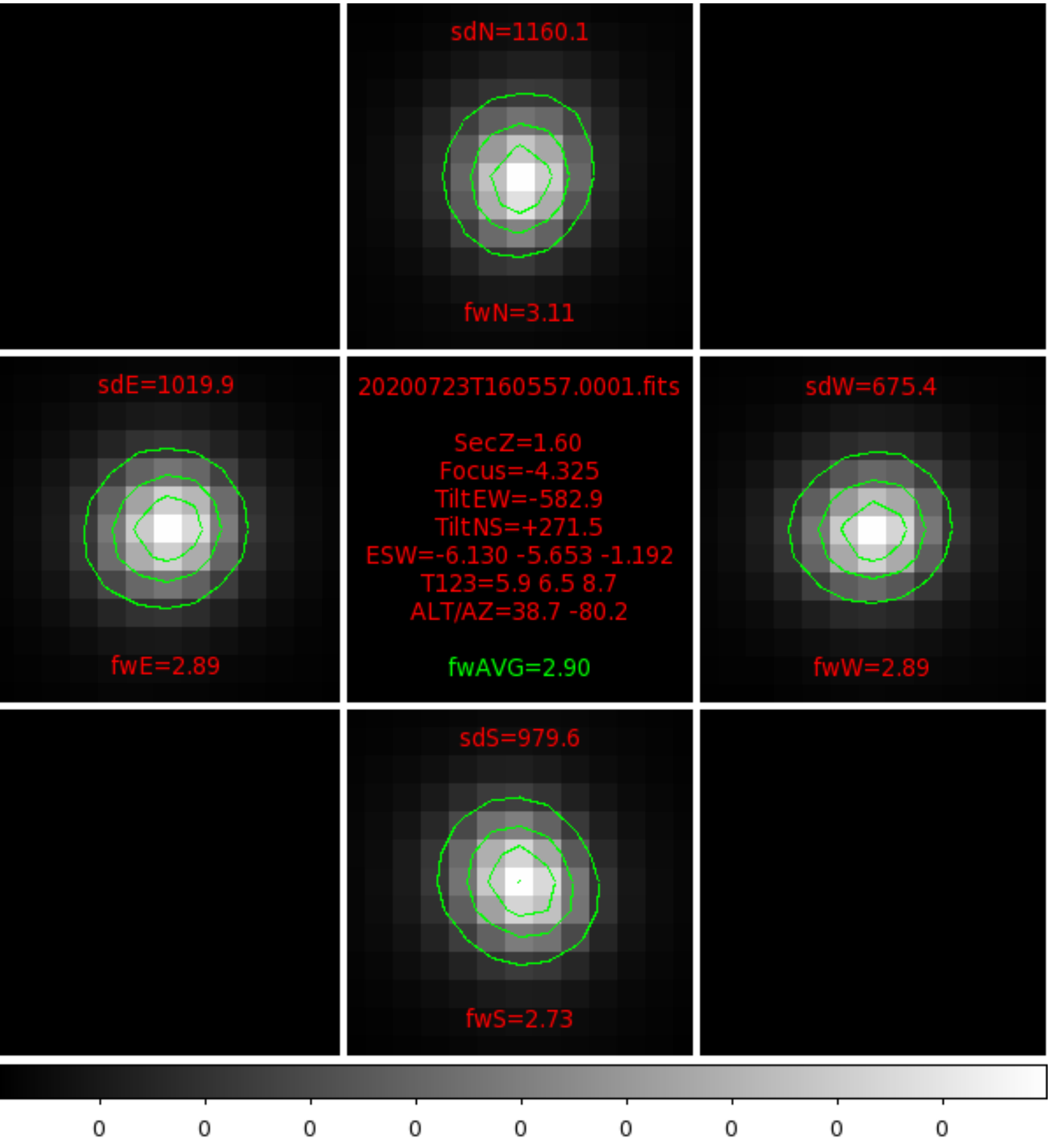
sdN=1160.1
fwN=3.11
sdE=1019.9
fwE=2.89
20200723T160557.0001.fits
SecZ=1.60
Focus=-4.325
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.130 -5.653 -1.192
T123=5.9 6.5 8.7
ALT/AZ=38.7 -80.2
fwAVG=2.90
sdW=675.4
fwW=2.89
sdS=979.6
fwS=2.73
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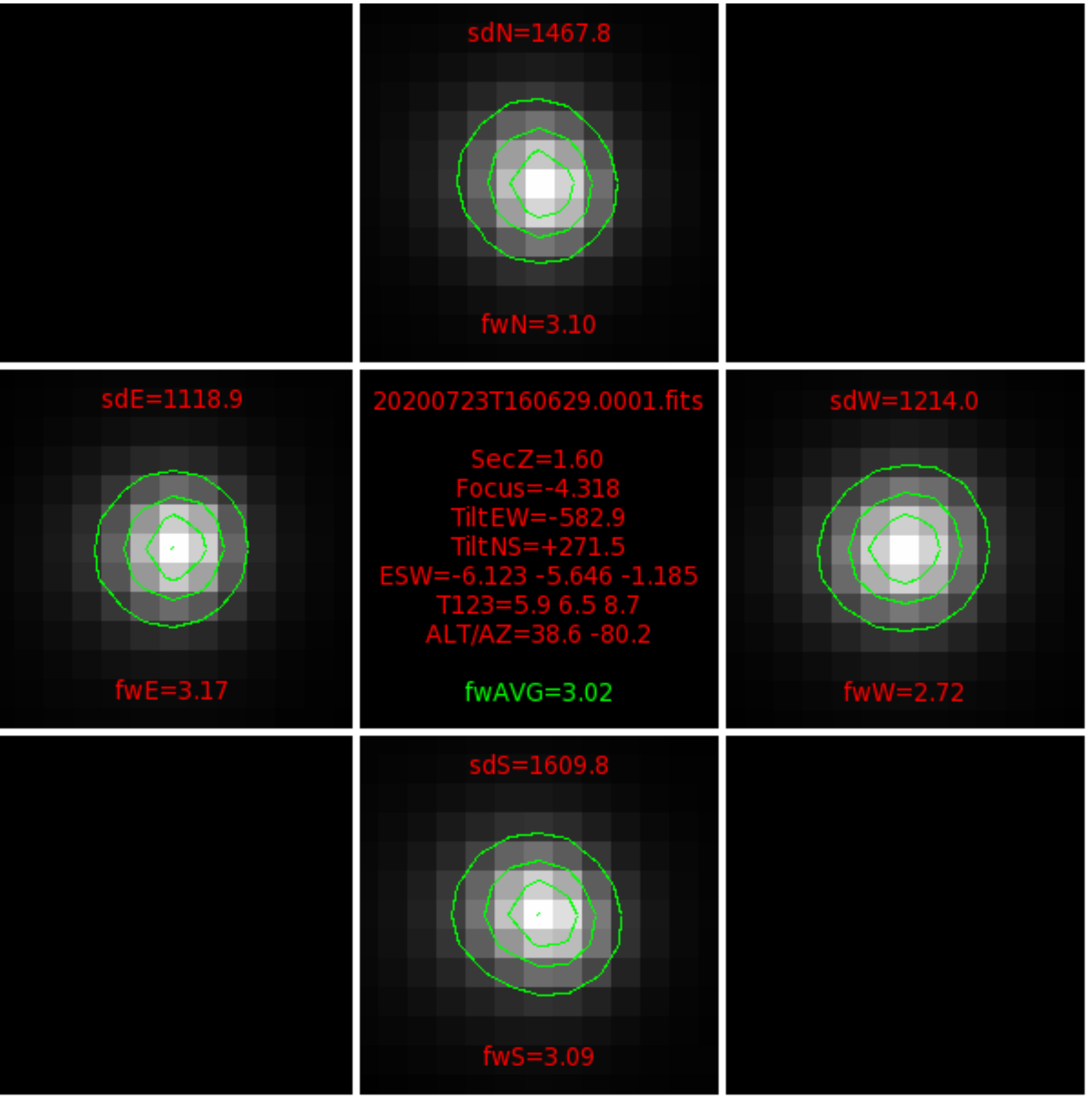
sdN=1467.8
fwN=3.10
sdE=1118.9
fwE=3.17
20200723T160629.0001.fits
SecZ=1.60
Focus=-4.318
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.123 -5.646 -1.185
T123=5.9 6.5 8.7
ALT/AZ=38.6 -80.2
fwAVG=3.02
sdW=1214.0
fwW=2.72
sdS=1609.8
fwS=3.09
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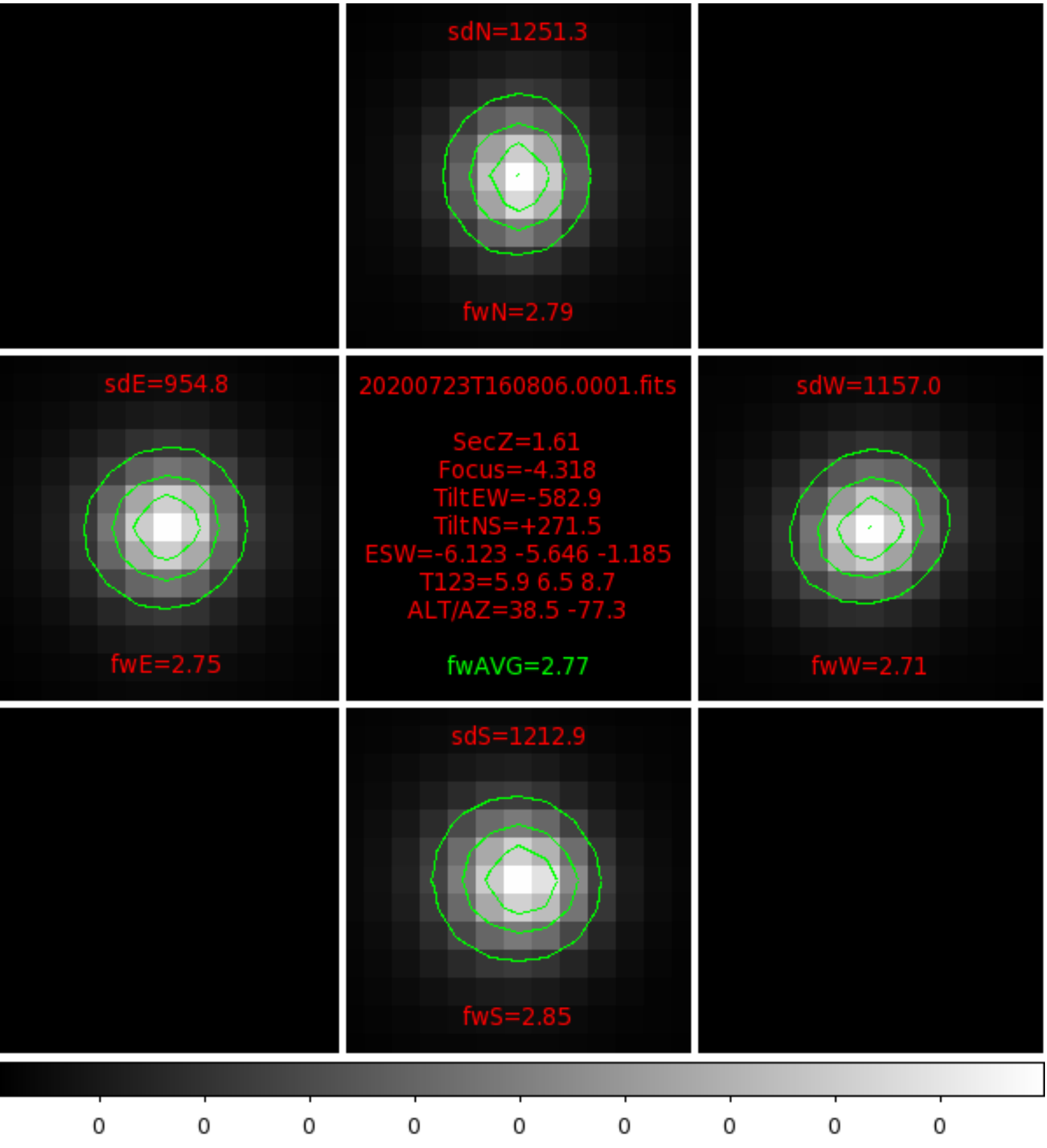
sdN=1251.3
fwN=2.79
sdE=954.8
fwE=2.75
20200723T160806.0001.fits
SecZ=1.61
Focus=-4.318
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.123 -5.646 -1.185
T123=5.9 6.5 8.7
ALT/AZ=38.5 -77.3
fwAVG=2.77
sdW=1157.0
fwW=2.71
sdS=1212.9
fwS=2.85
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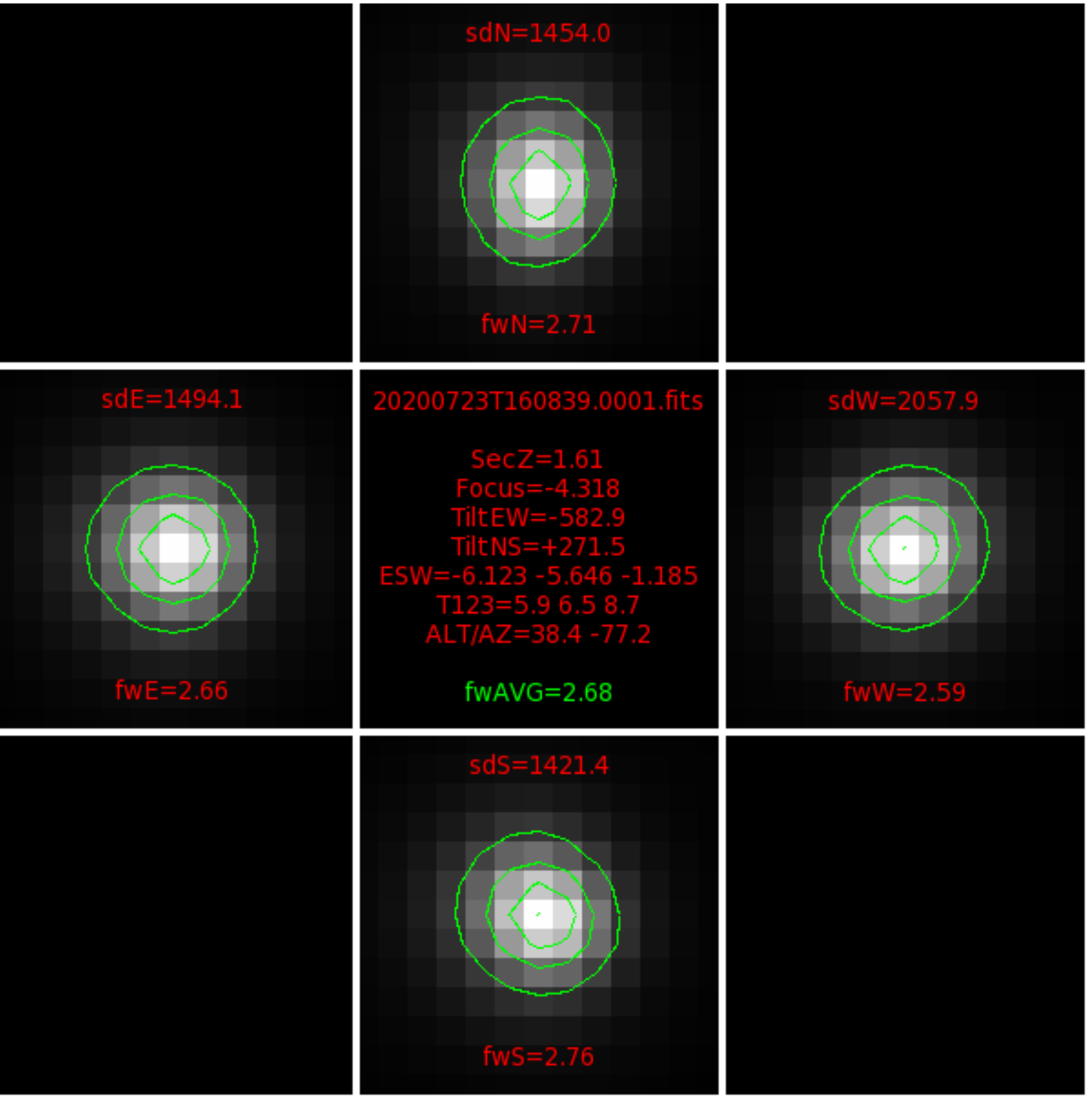
sdN=1454.0
fwN=2.71
sdE=1494.1
fwE=2.66
20200723T160839.0001.fits
SecZ=1.61
Focus=-4.318
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.123 -5.646 -1.185
T123=5.9 6.5 8.7
ALT/AZ=38.4 -77.2
fwAVG=2.68
sdW=2057.9
fwW=2.59
sdS=1421.4
fwS=2.76
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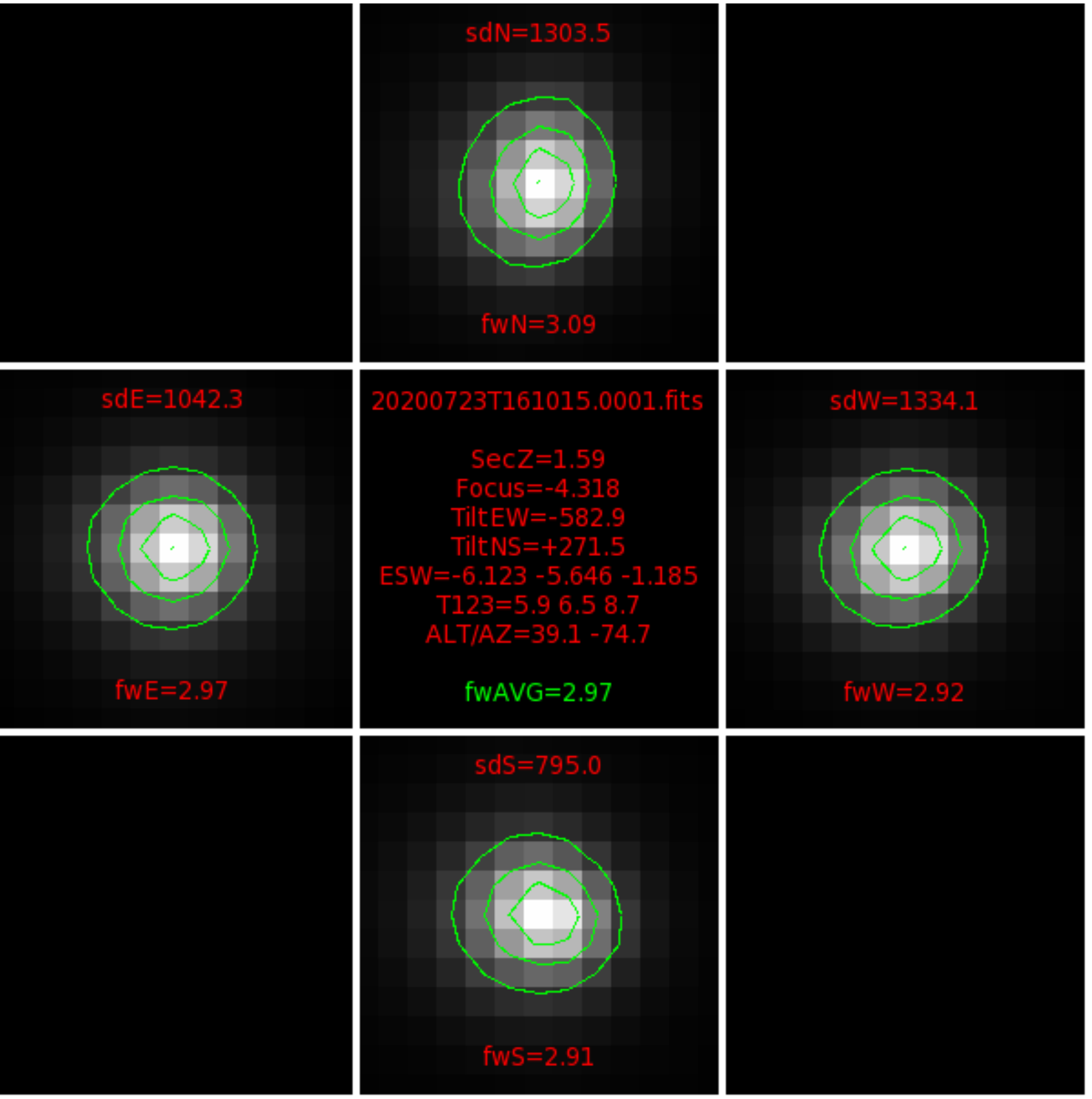
sdN=1303.5
fwN=3.09
sdE=1042.3
fwE=2.97
20200723T161015.0001.fits
SecZ=1.59
Focus=-4.318
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.123 -5.646 -1.185
T123=5.9 6.5 8.7
ALT/AZ=39.1 -74.7
fwAVG=2.97
sdW=1334.1
fwW=2.92
sdS=795.0
fwS=2.91
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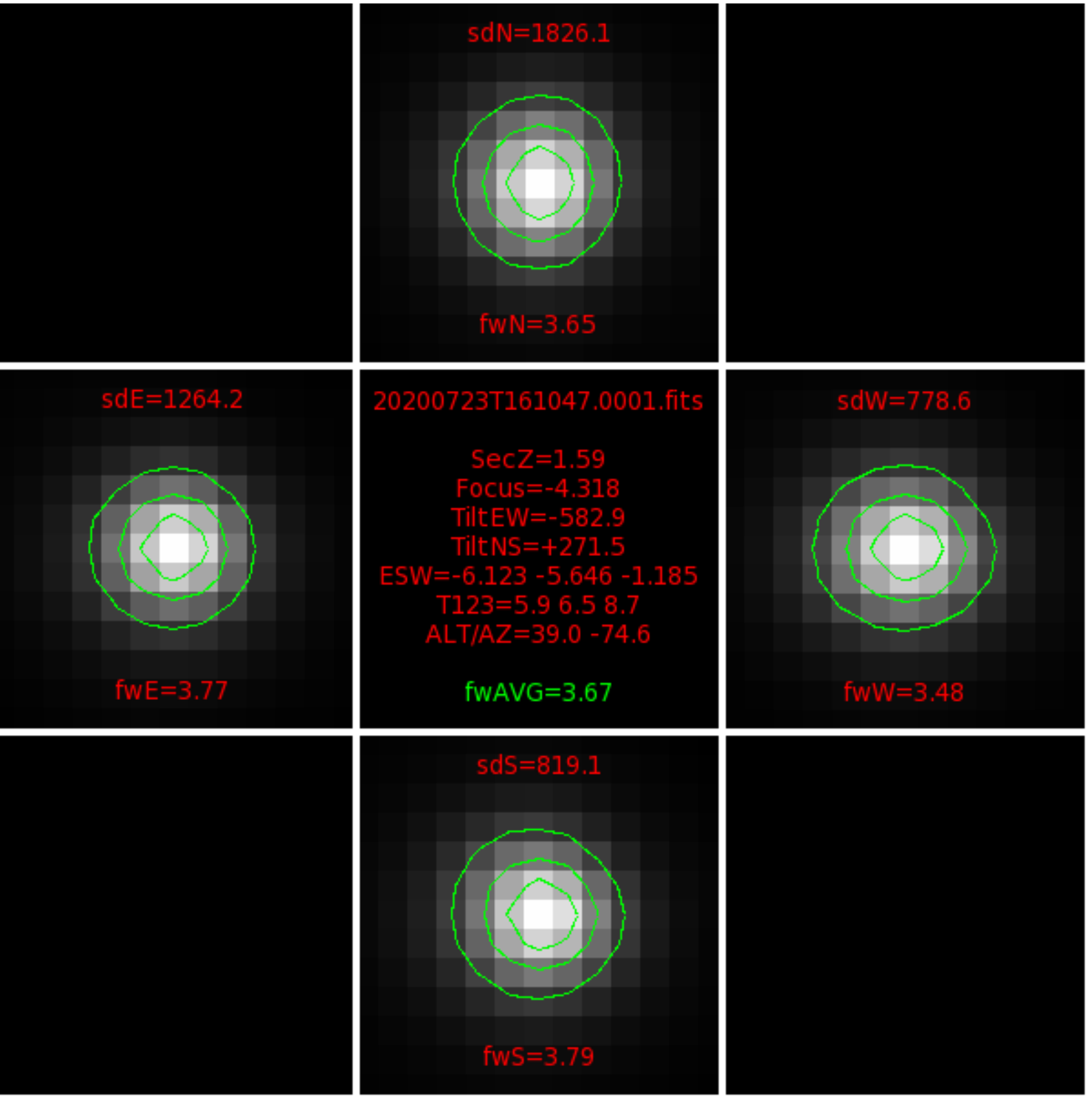
sdN=1826.1
fwN=3.65
sdE=1264.2
fwE=3.77
20200723T161047.0001.fits
SecZ=1.59
Focus=-4.318
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.123 -5.646 -1.185
T123=5.9 6.5 8.7
ALT/AZ=39.0 -74.6
fwAVG=3.67
sdW=778.6
fwW=3.48
sdS=819.1
fwS=3.79
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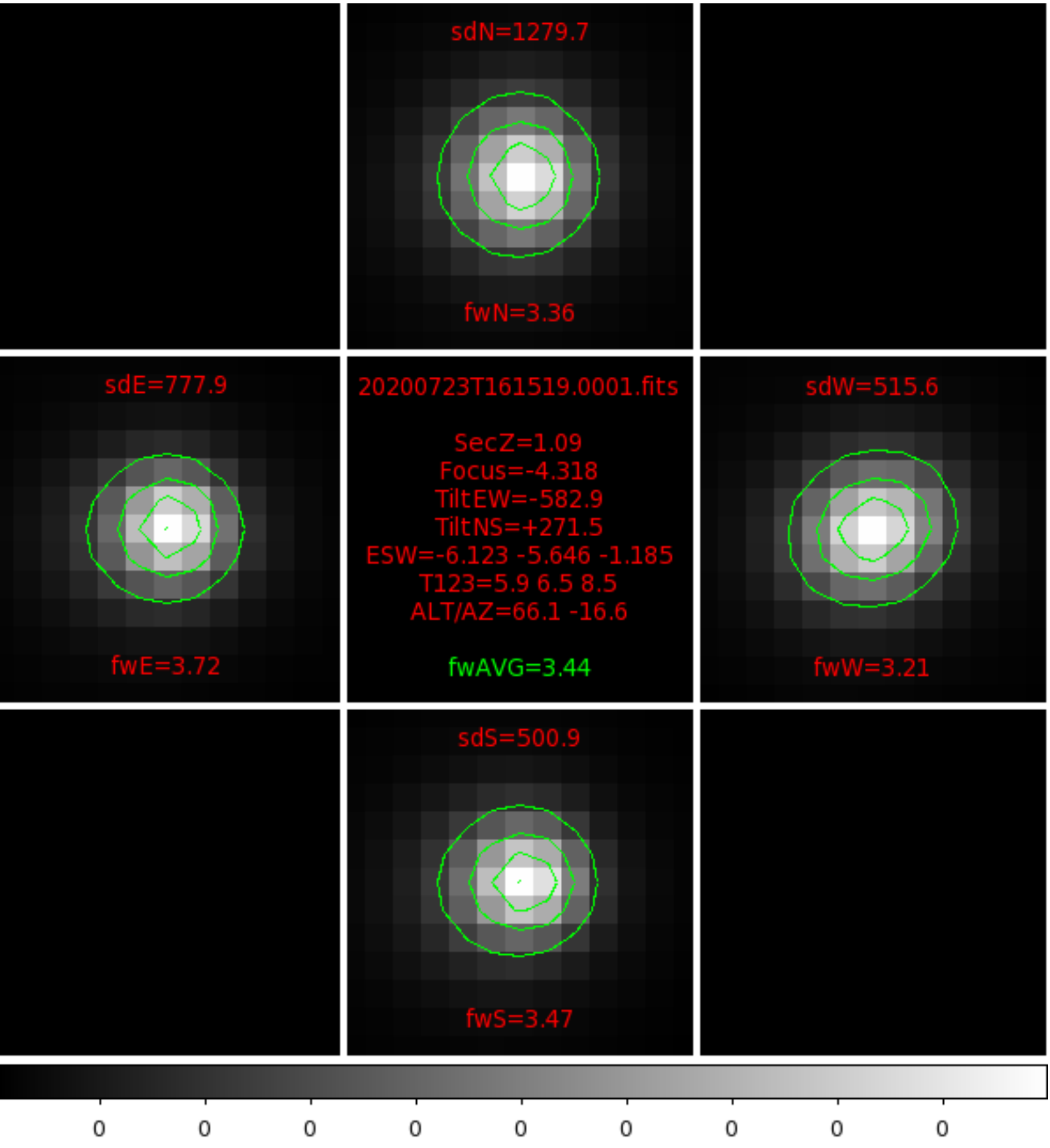
sdN=1279.7
fwN=3.36
sdE=777.9
fwE=3.72
20200723T161519.0001.fits
SecZ=1.09
Focus=-4.318
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.123 -5.646 -1.185
T123=5.9 6.5 8.5
ALT/AZ=66.1 -16.6
fwAVG=3.44
sdW=515.6
fwW=3.21
sdS=500.9
fwS=3.47
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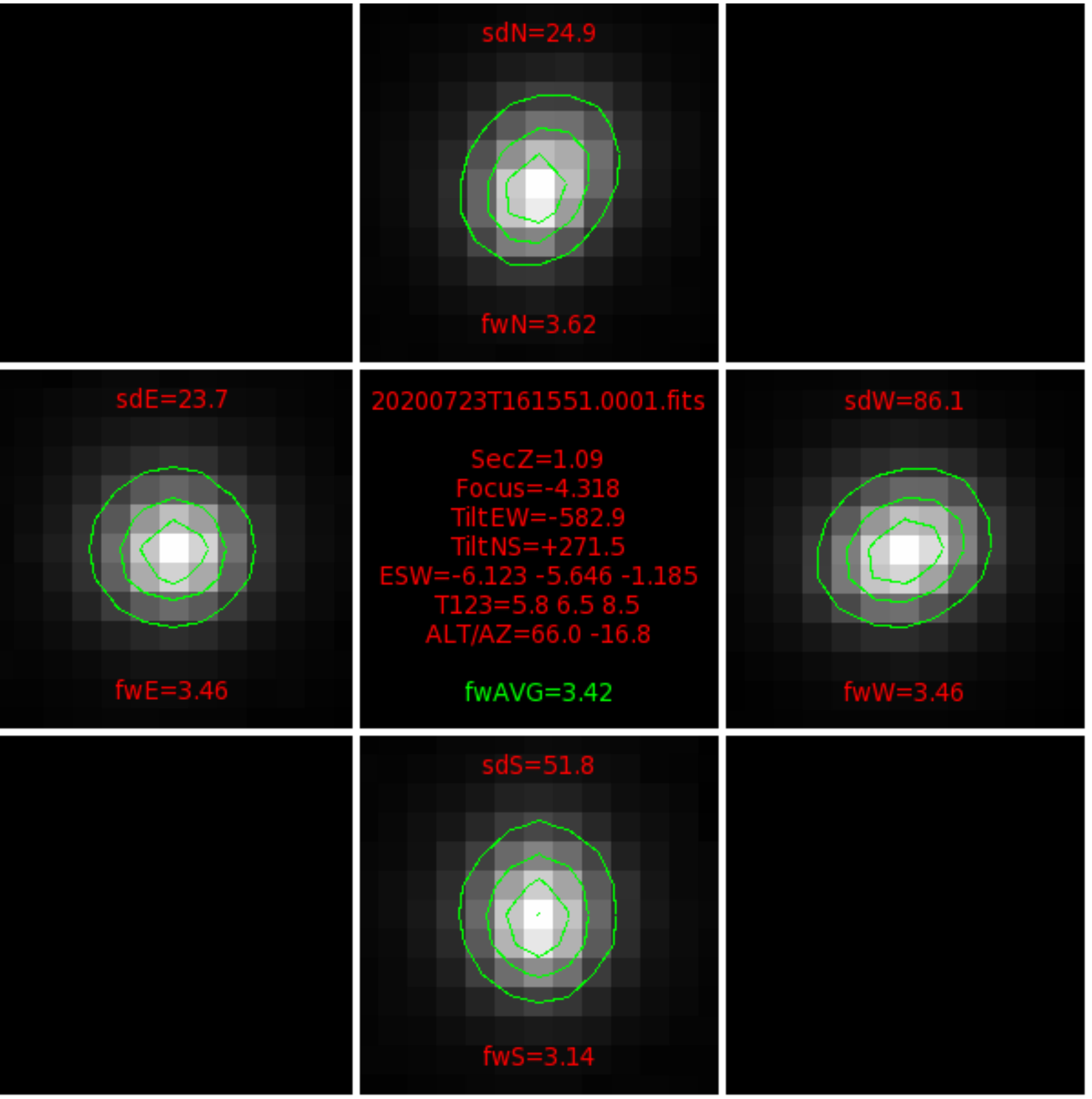
sdN=24.9
fwN=3.62
sdE=23.7
fwE=3.46
20200723T161551.0001.fits
SecZ=1.09
Focus=-4.318
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.123 -5.646 -1.185
T123=5.8 6.5 8.5
ALT/AZ=66.0 -16.8
fwAVG=3.42
sdW=86.1
fwW=3.46
sdS=51.8
fwS=3.14
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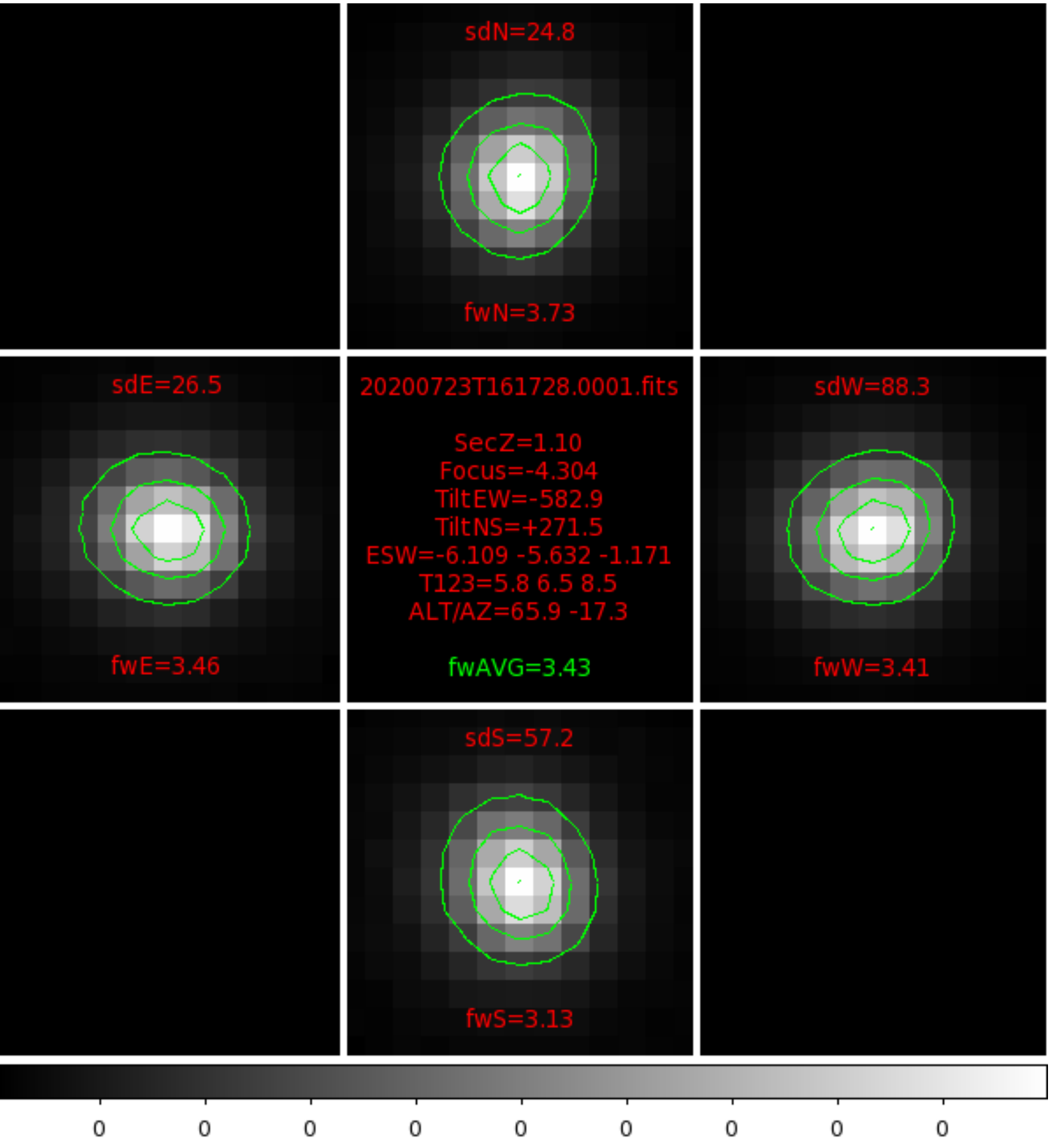
sdN=24.8
fwN=3.73
sdE=26.5
fwE=3.46
20200723T161728.0001.fits
SecZ=1.10
Focus=-4.304
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.109 -5.632 -1.171
T123=5.8 6.5 8.5
ALT/AZ=65.9 -17.3
fwAVG=3.43
sdW=88.3
fwW=3.41
sdS=57.2
fwS=3.13
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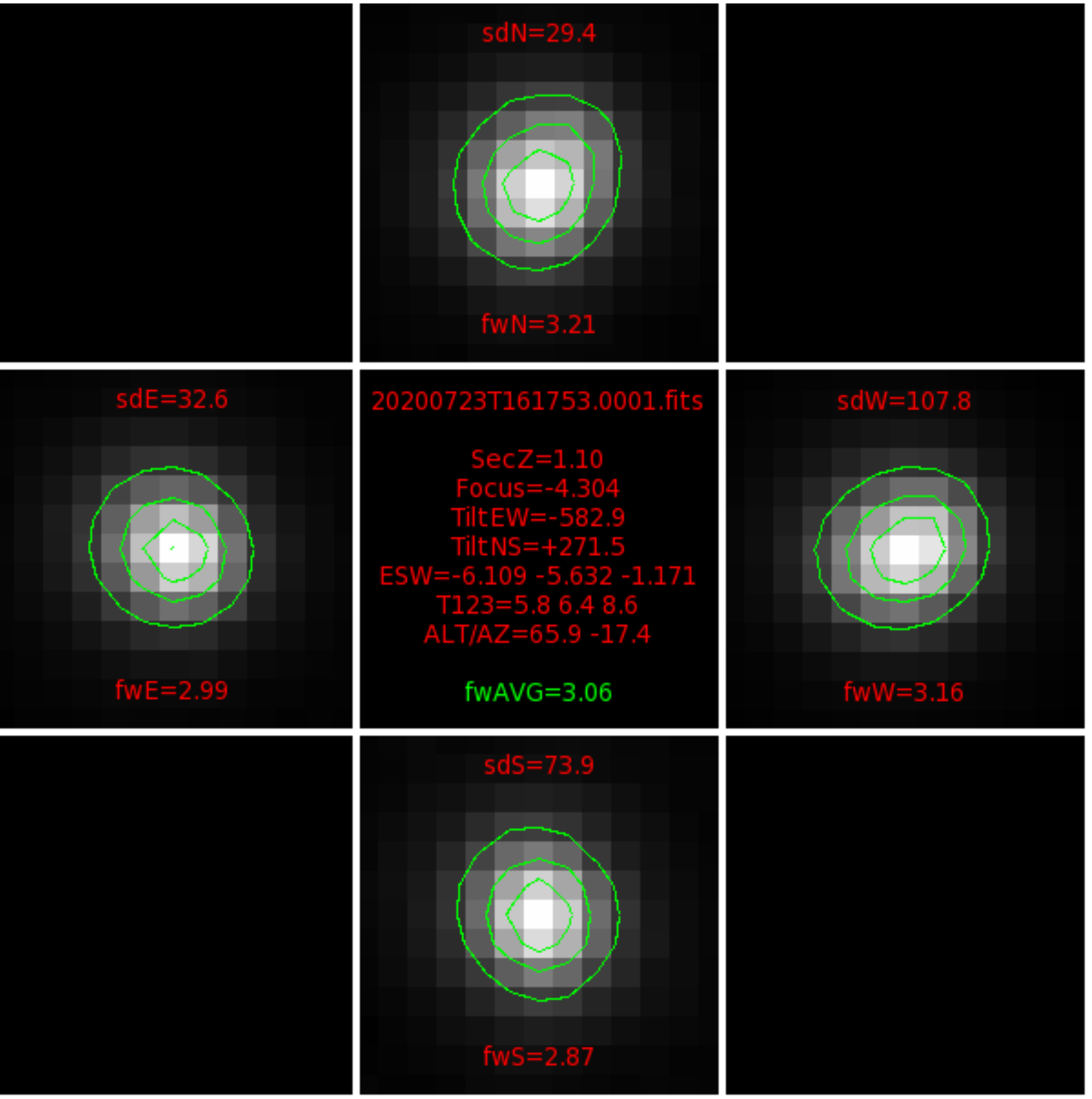
sdN=29.4
fwN=3.21
sdE=32.6
fwE=2.99
20200723T161753.0001.fits
SecZ=1.10
Focus=-4.304
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.109 -5.632 -1.171
T123=5.8 6.4 8.6
ALT/AZ=65.9 -17.4
fwAVG=3.06
sdW=107.8
fwW=3.16
sdS=73.9
fwS=2.87
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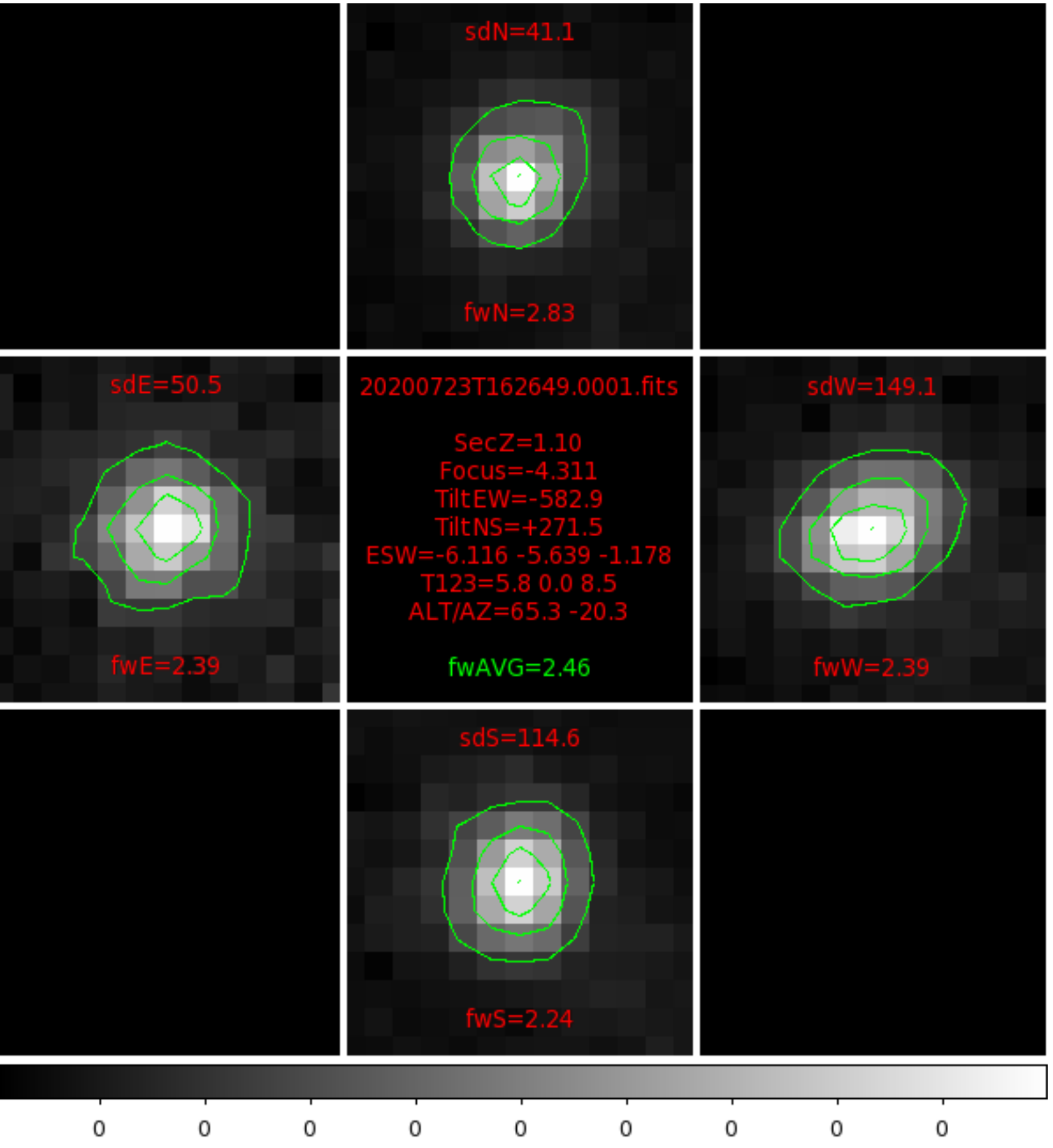
sdN=41.1
fwN=2.83
sdE=50.5
fwE=2.39
20200723T162649.0001.fits
SecZ=1.10
Focus=-4.311
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.116 -5.639 -1.178
T123=5.8 0.0 8.5
ALT/AZ=65.3 -20.3
fwAVG=2.46
sdW=149.1
fwW=2.39
sdS=114.6
fwS=2.24
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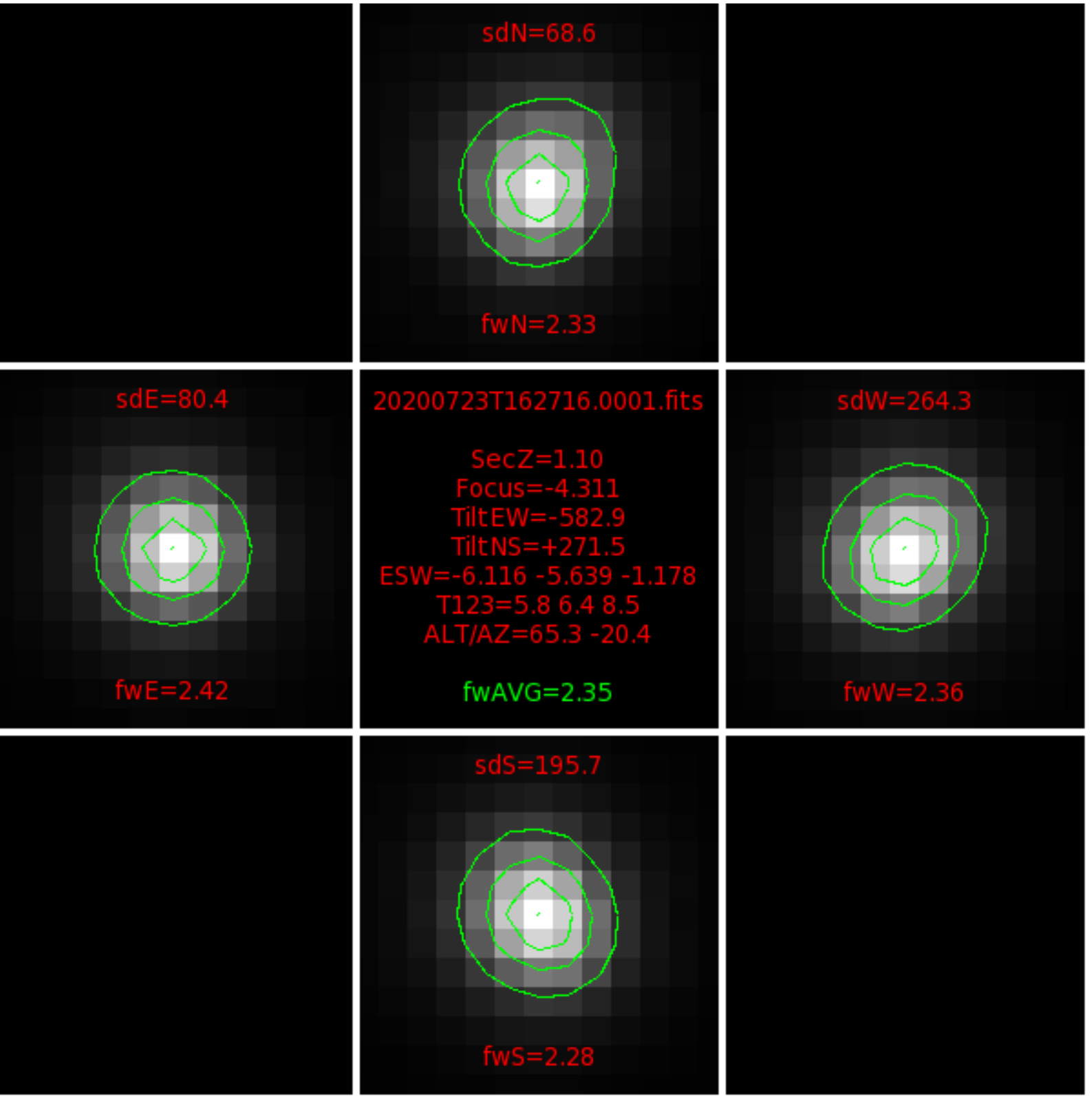
sdN=68.6
fwN=2.33
sdE=80.4
fwE=2.42
20200723T162716.0001.fits
SecZ=1.10
Focus=-4.311
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.116 -5.639 -1.178
T123=5.8 6.4 8.5
ALT/AZ=65.3 -20.4
fwAVG=2.35
sdW=264.3
fwW=2.36
sdS=195.7
fwS=2.28
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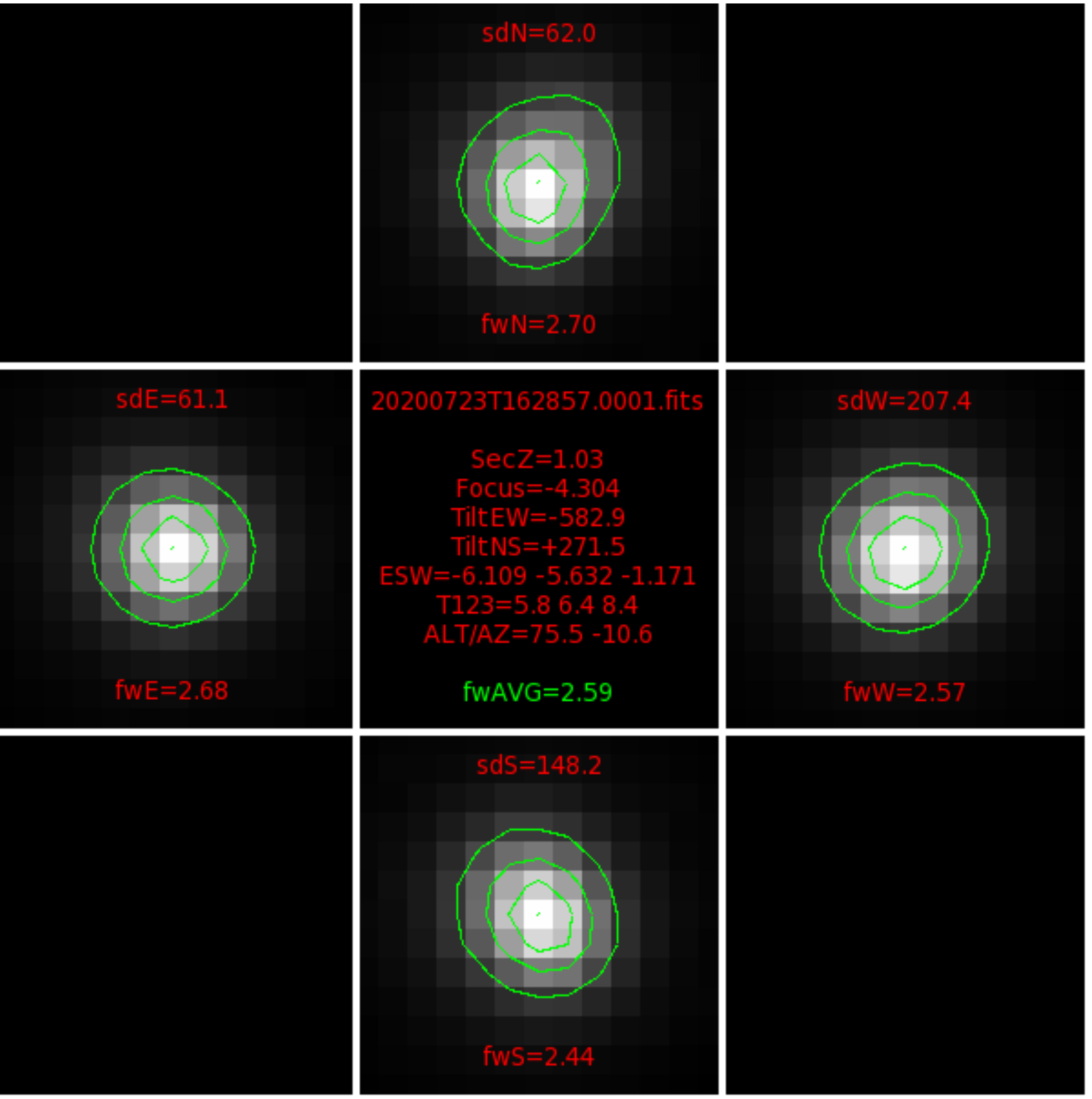
sdN=62.0
fwN=2.70
sdE=61.1
fwE=2.68
20200723T162857.0001.fits
SecZ=1.03
Focus=-4.304
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.109 -5.632 -1.171
T123=5.8 6.4 8.4
ALT/AZ=75.5 -10.6
fwAVG=2.59
sdW=207.4
fwW=2.57
sdS=148.2
fwS=2.44
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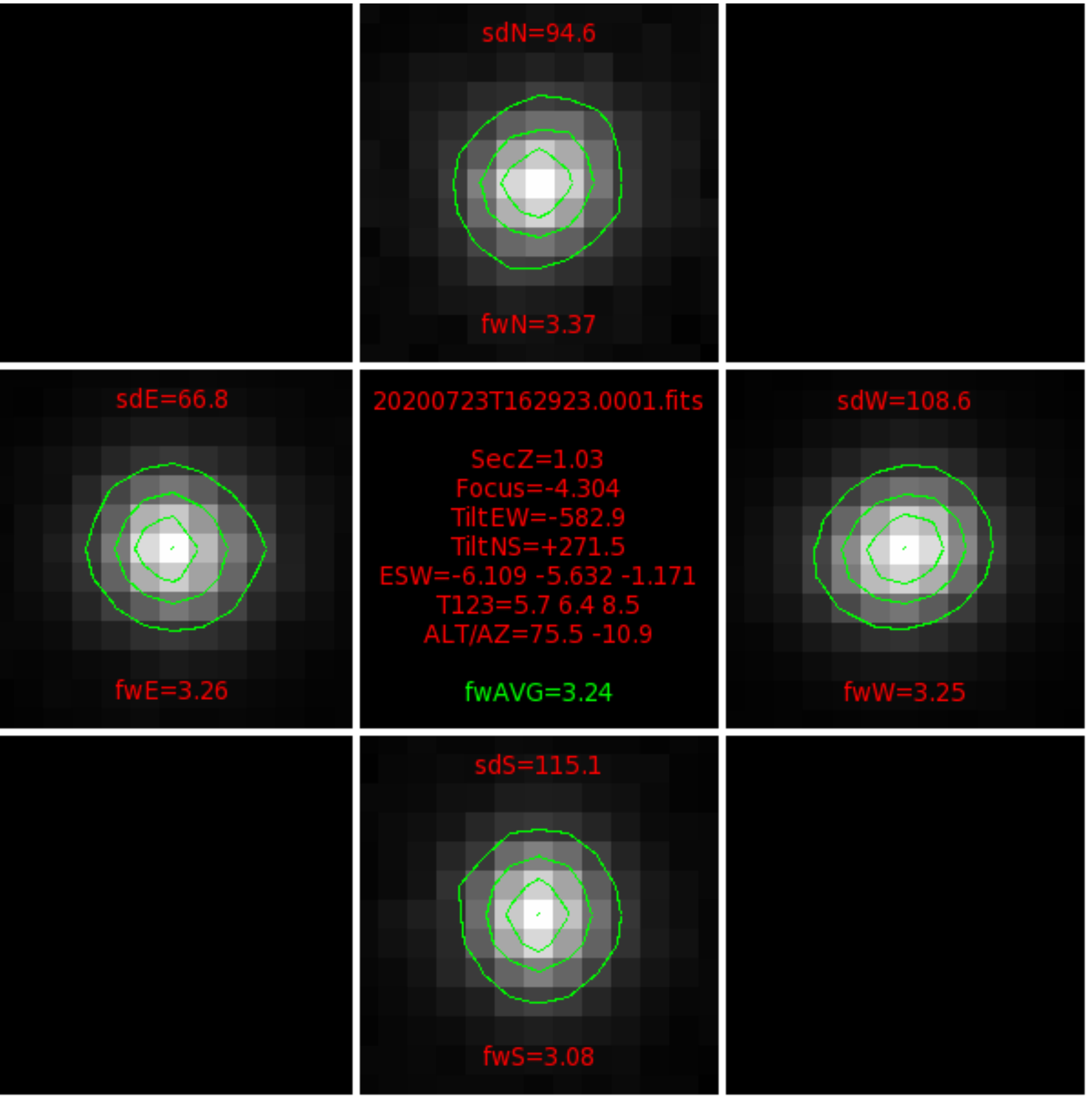
sdN=94.6
fwN=3.37
sdE=66.8
fwE=3.26
20200723T162923.0001.fits
SecZ=1.03
Focus=-4.304
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.109 -5.632 -1.171
T123=5.7 6.4 8.5
ALT/AZ=75.5 -10.9
fwAVG=3.24
sdW=108.6
fwW=3.25
sdS=115.1
fwS=3.08
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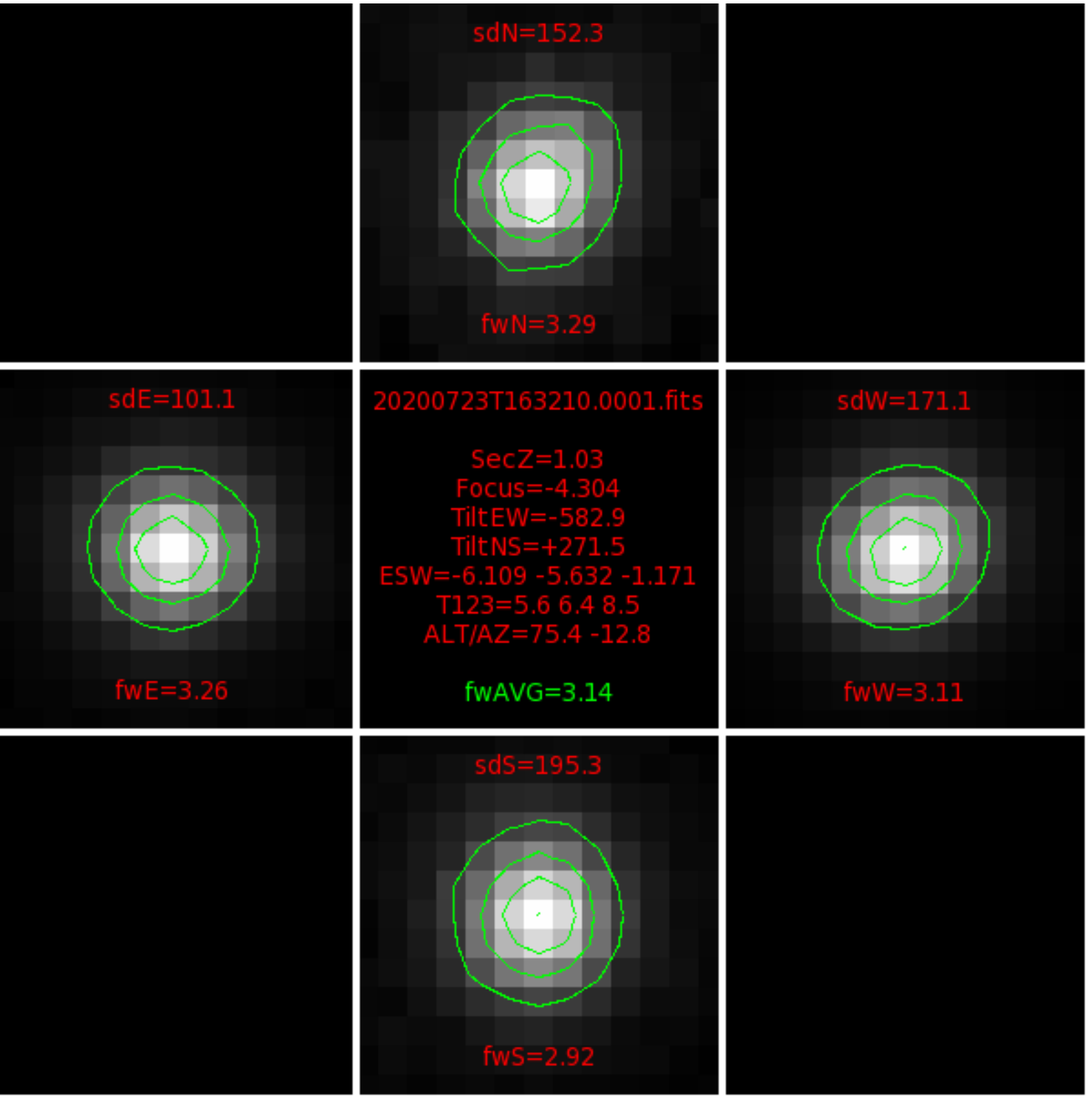
sdN=152.3
fwN=3.29
sdE=101.1
fwE=3.26
20200723T163210.0001.fits
SecZ=1.03
Focus=-4.304
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.109 -5.632 -1.171
T123=5.6 6.4 8.5
ALT/AZ=75.4 -12.8
fwAVG=3.14
sdW=171.1
fwW=3.11
sdS=195.3
fwS=2.92
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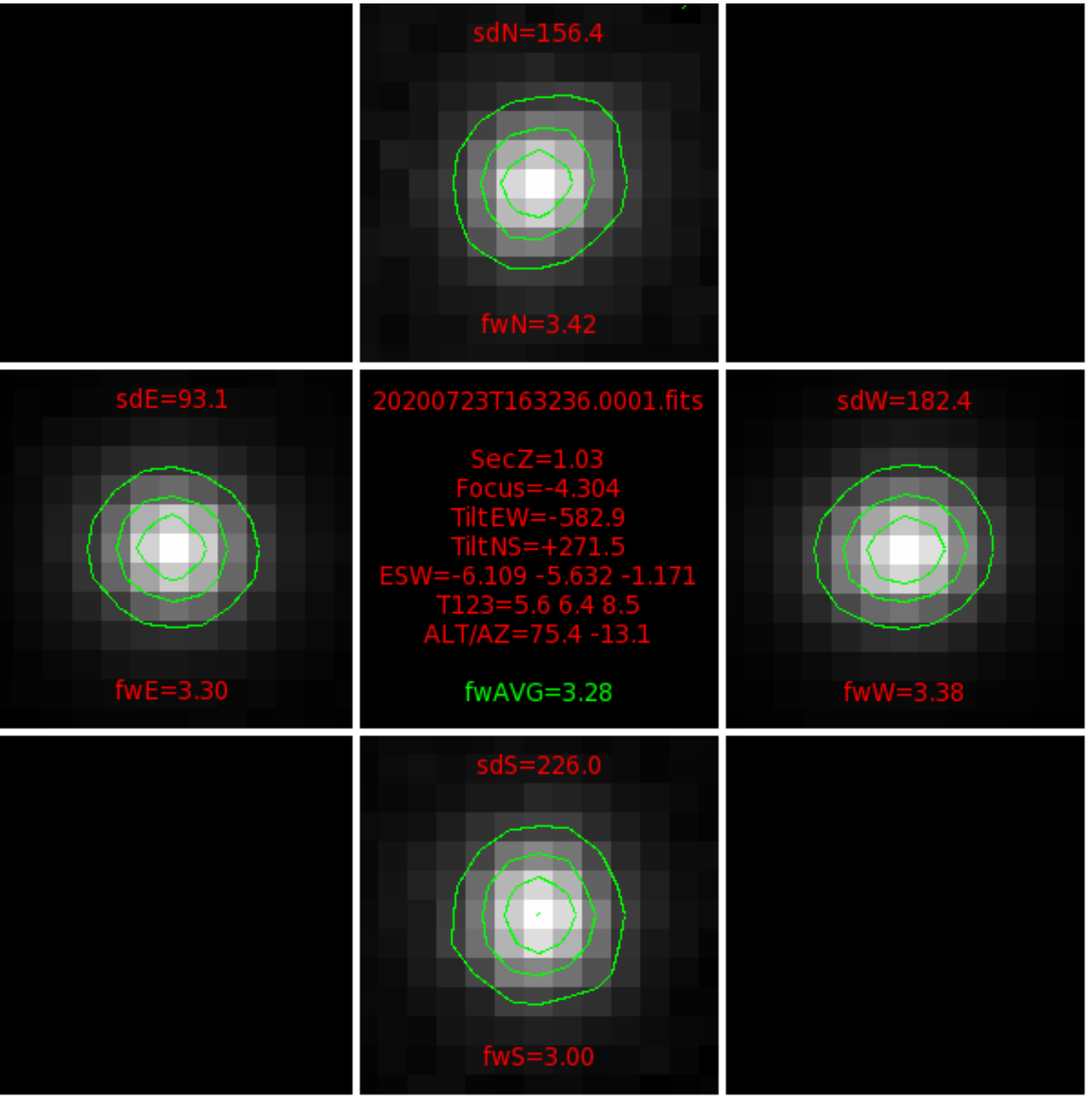
sdN=156.4
fwN=3.42
sdE=93.1
fwE=3.30
20200723T163236.0001.fits
SecZ=1.03
Focus=-4.304
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.109 -5.632 -1.171
T123=5.6 6.4 8.5
ALT/AZ=75.4 -13.1
fwAVG=3.28
sdW=182.4
fwW=3.38
sdS=226.0
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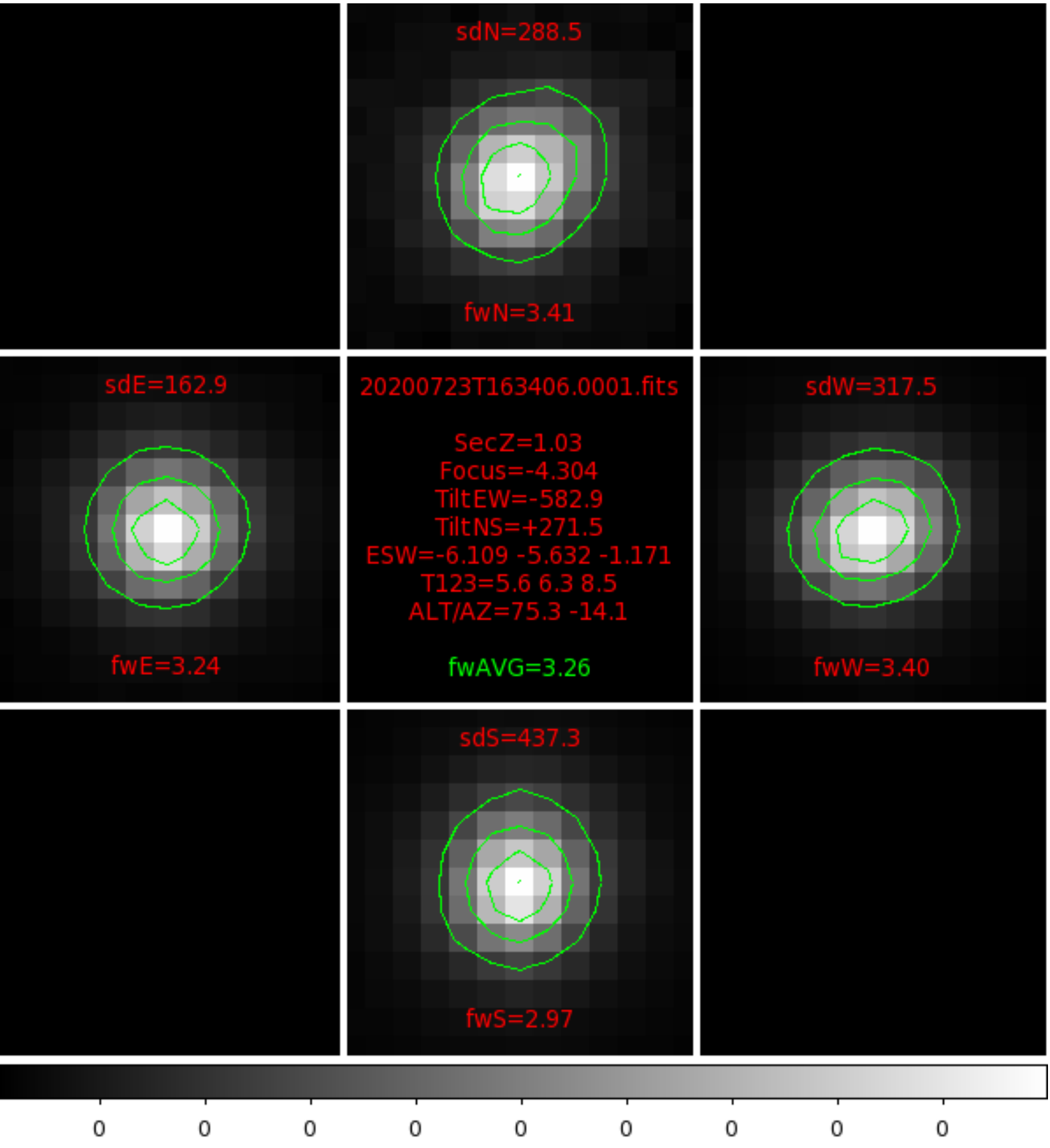
sdN=288.5
fwN=3.41
sdE=162.9
fwE=3.24
20200723T163406.0001.fits
SecZ=1.03
Focus=-4.304
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.109 -5.632 -1.171
T123=5.6 6.3 8.5
ALT/AZ=75.3 -14.1
fwAVG=3.26
sdW=317.5
fwW=3.40
sdS=437.3
fwS=2.97
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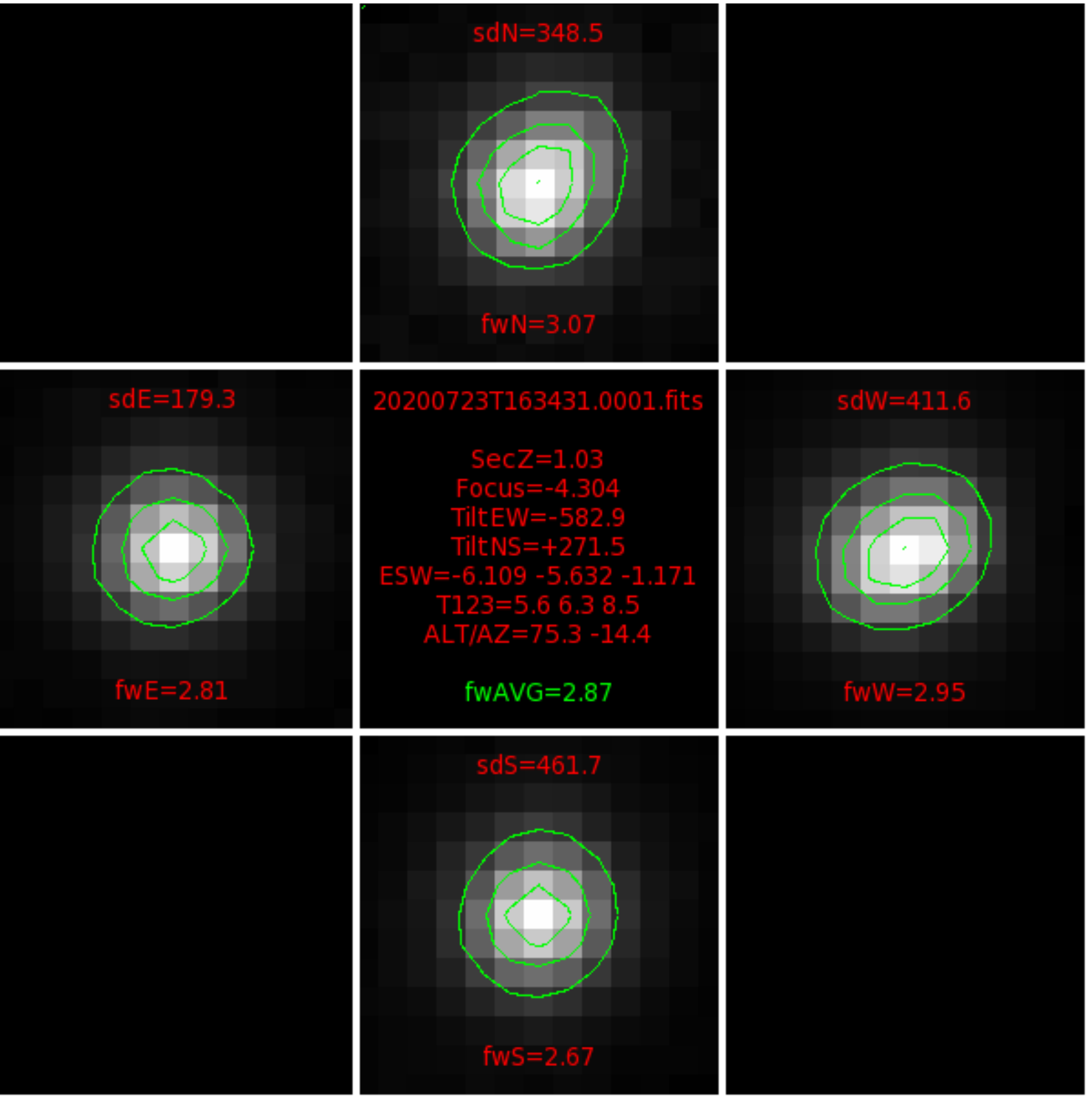
sdN=348.5
fwN=3.07
sdE=179.3
fwE=2.81
20200723T163431.0001.fits
SecZ=1.03
Focus=-4.304
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.109 -5.632 -1.171
T123=5.6 6.3 8.5
ALT/AZ=75.3 -14.4
fwAVG=2.87
sdW=411.6
fwW=2.95
sdS=461.7
fwS=2.67
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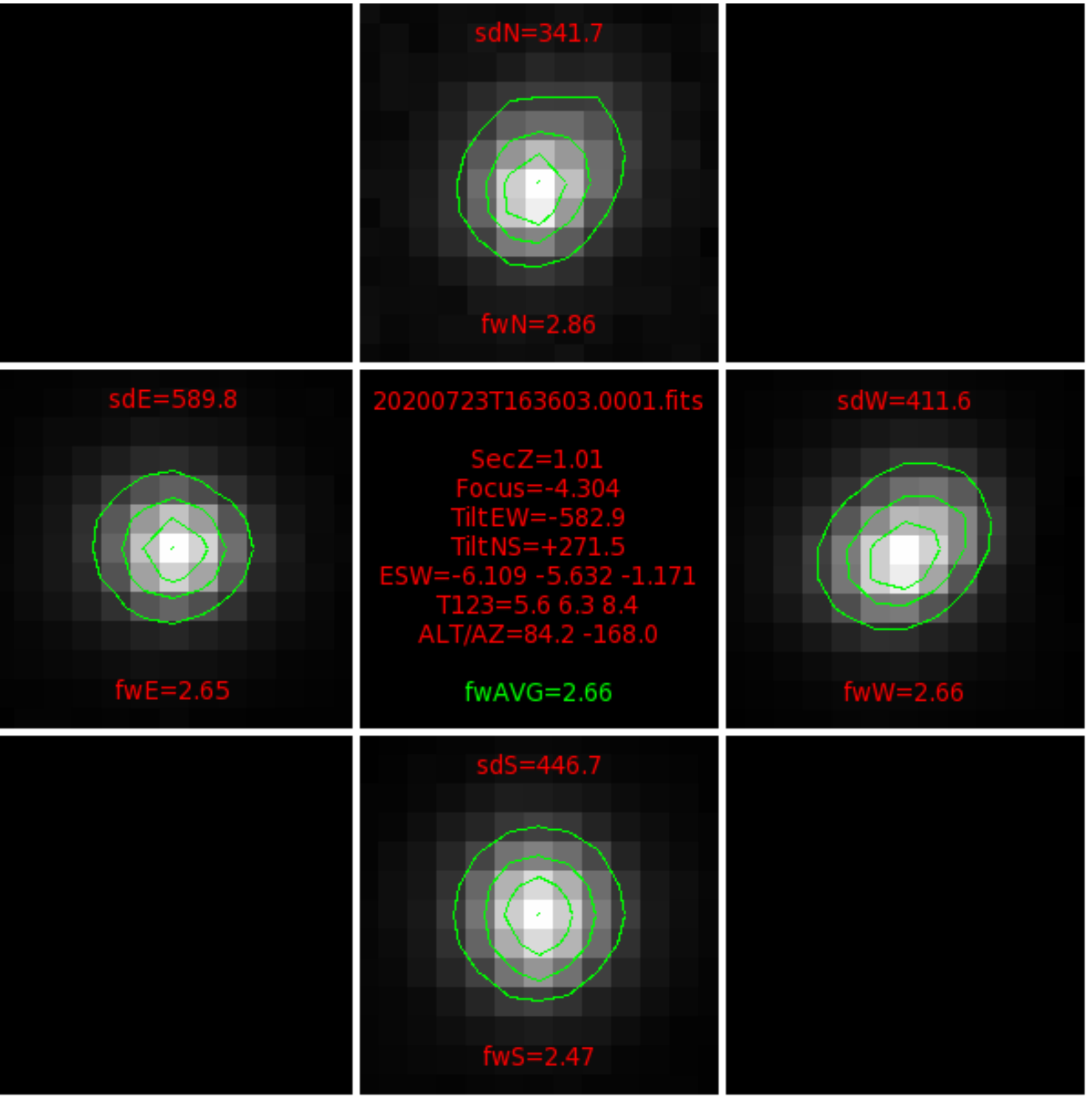
sdN=341.7
fwN=2.86
sdE=589.8
fwE=2.65
20200723T163603.0001.fits
SecZ=1.01
Focus=-4.304
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.109 -5.632 -1.171
T123=5.6 6.3 8.4
ALT/AZ=84.2 -168.0
fwAVG=2.66
sdW=411.6
fwW=2.66
sdS=446.7
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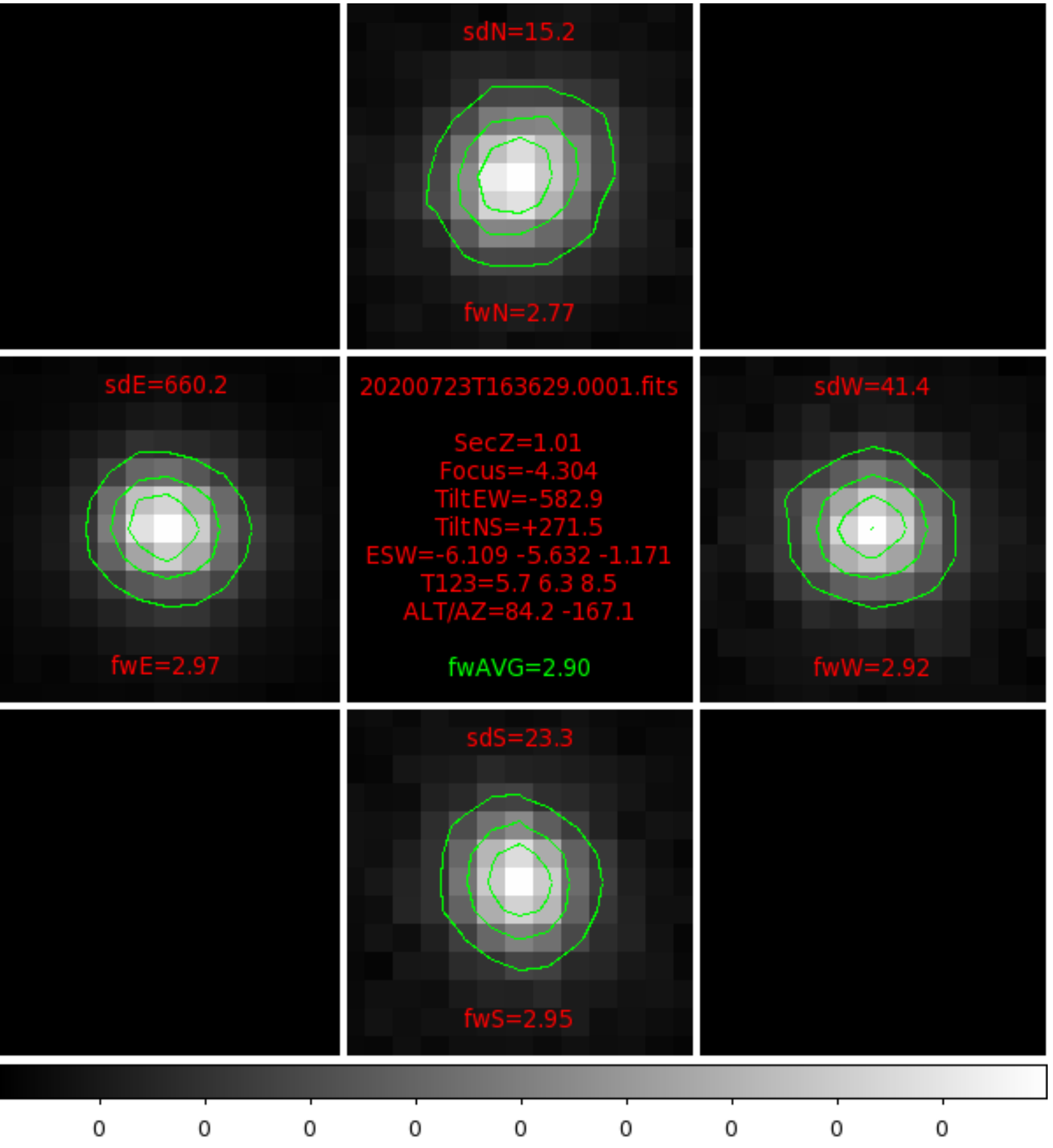
sdN=15.2
fwN=2.77
sdE=660.2
fwE=2.97
20200723T163629.0001.fits
SecZ=1.01
Focus=-4.304
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.109 -5.632 -1.171
T123=5.7 6.3 8.5
ALT/AZ=84.2 -167.1
fwAVG=2.90
sdW=41.4
fwW=2.92
sdS=23.3
fwS=2.95
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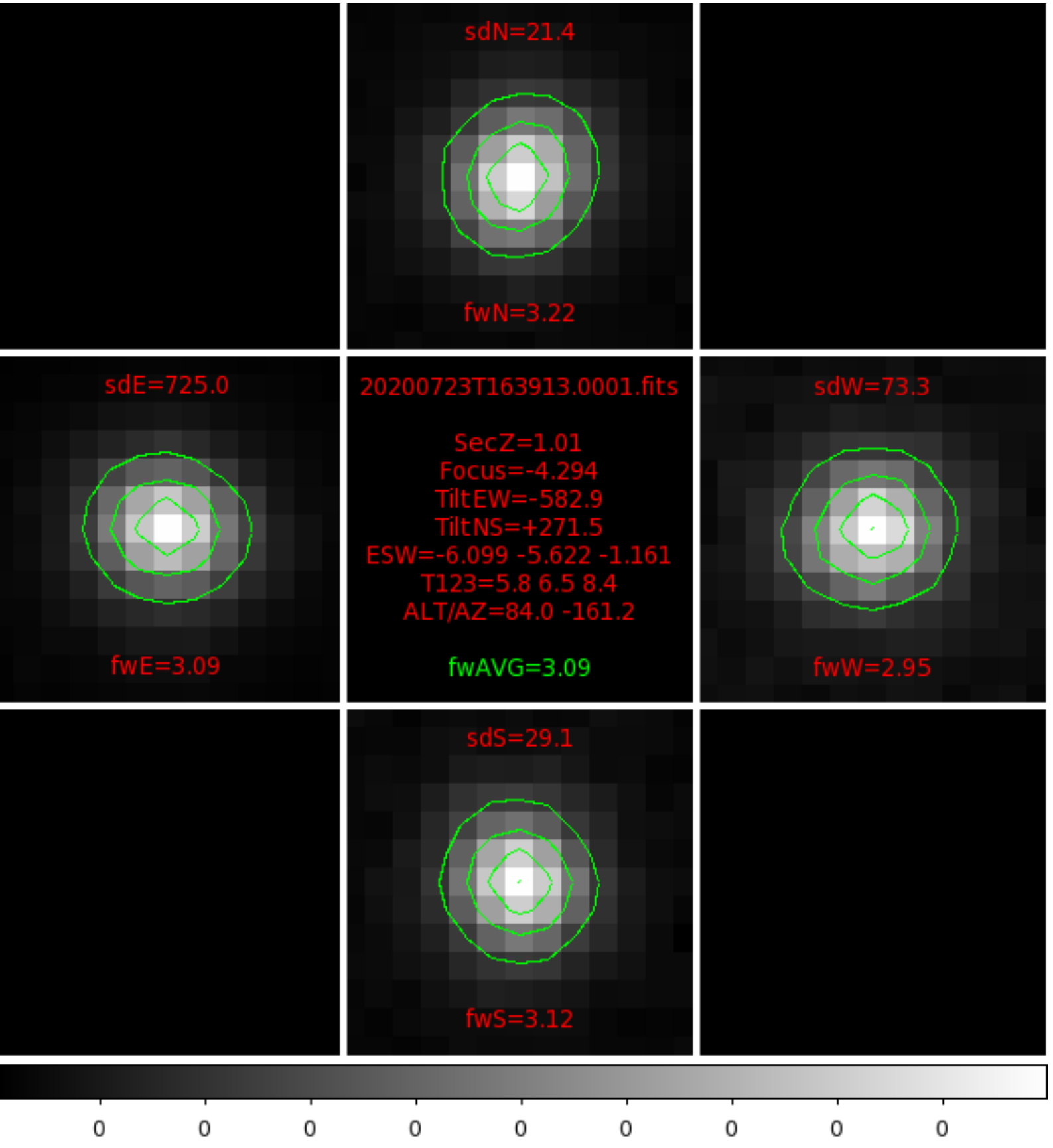
sdN=21.4
fwN=3.22
sdE=725.0
fwE=3.09
20200723T163913.0001.fits
SecZ=1.01
Focus=-4.294
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.099 -5.622 -1.161
T123=5.8 6.5 8.4
ALT/AZ=84.0 -161.2
fwAVG=3.09
sdW=73.3
fwW=2.95
sdS=29.1
fwS=3.12
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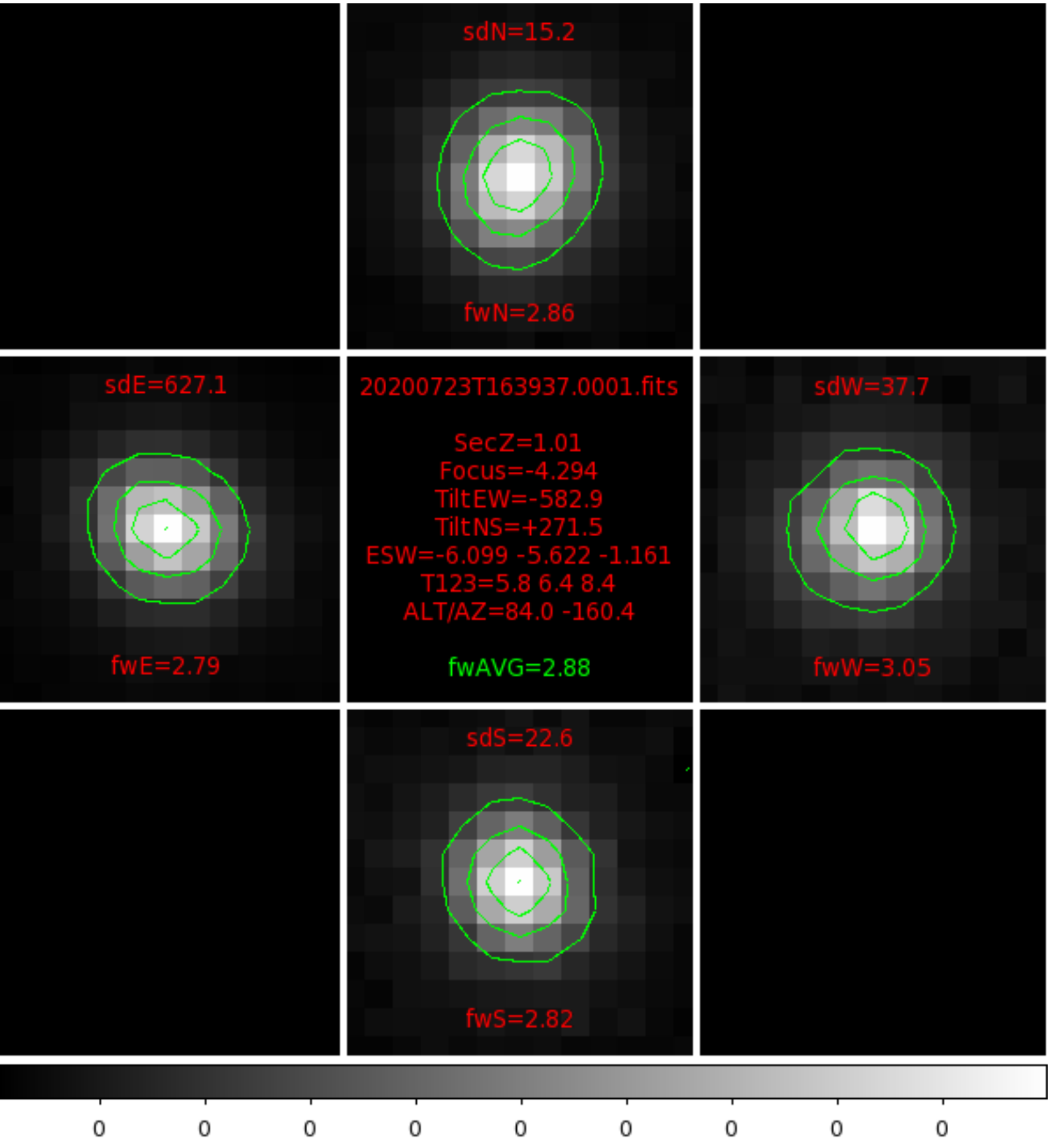
sdN=15.2
fwN=2.86
sdE=627.1
fwE=2.79
20200723T163937.0001.fits
SecZ=1.01
Focus=-4.294
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.099 -5.622 -1.161
T123=5.8 6.4 8.4
ALT/AZ=84.0 -160.4
fwAVG=2.88
sdW=37.7
fwW=3.05
sdS=22.6
fwS=2.82
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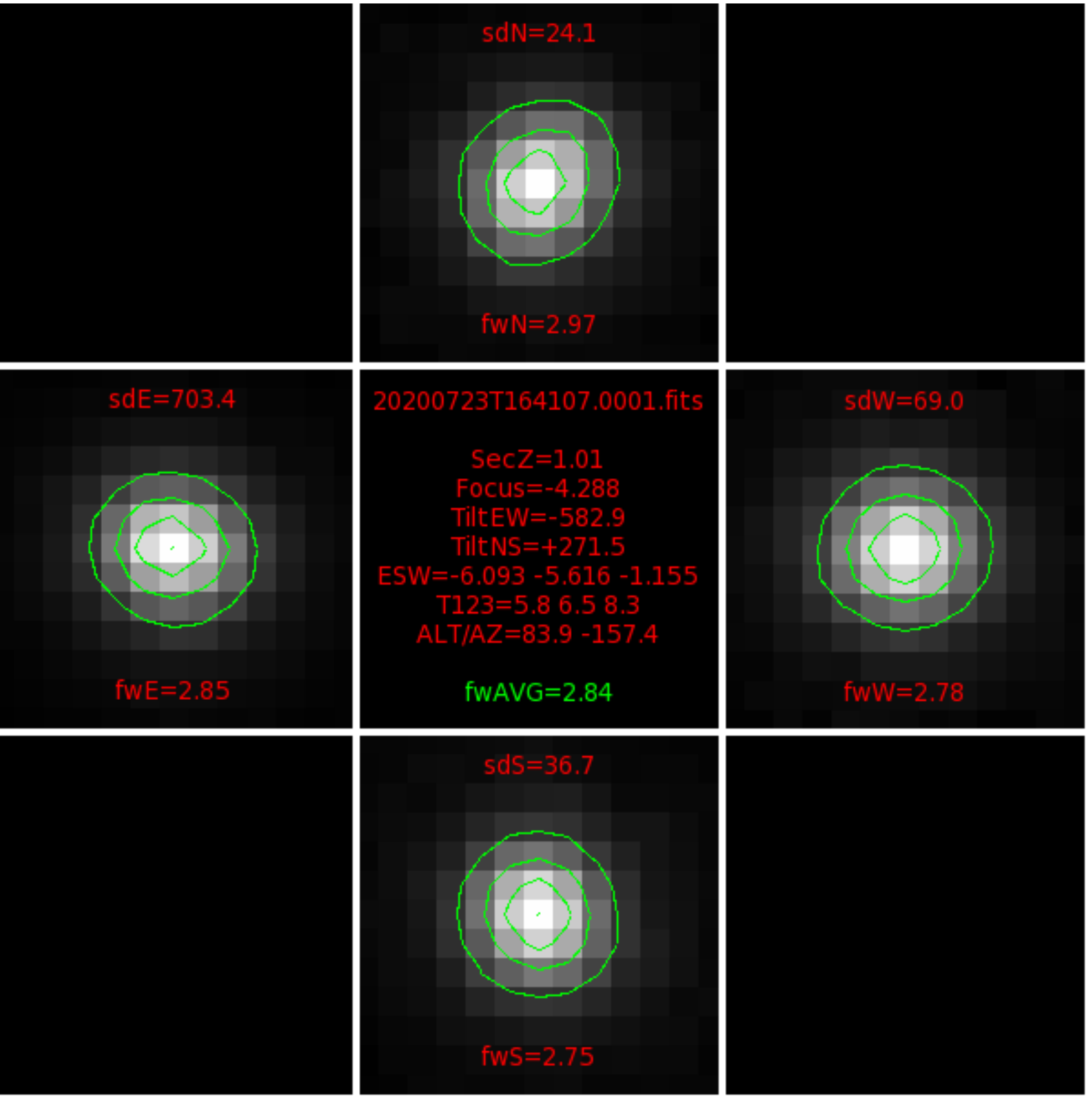
sdN=24.1
fwN=2.97
sdE=703.4
fwE=2.85
20200723T164107.0001.fits
SecZ=1.01
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.8 6.5 8.3
ALT/AZ=83.9 -157.4
fwAVG=2.84
sdW=69.0
fwW=2.78
sdS=36.7
fwS=2.75
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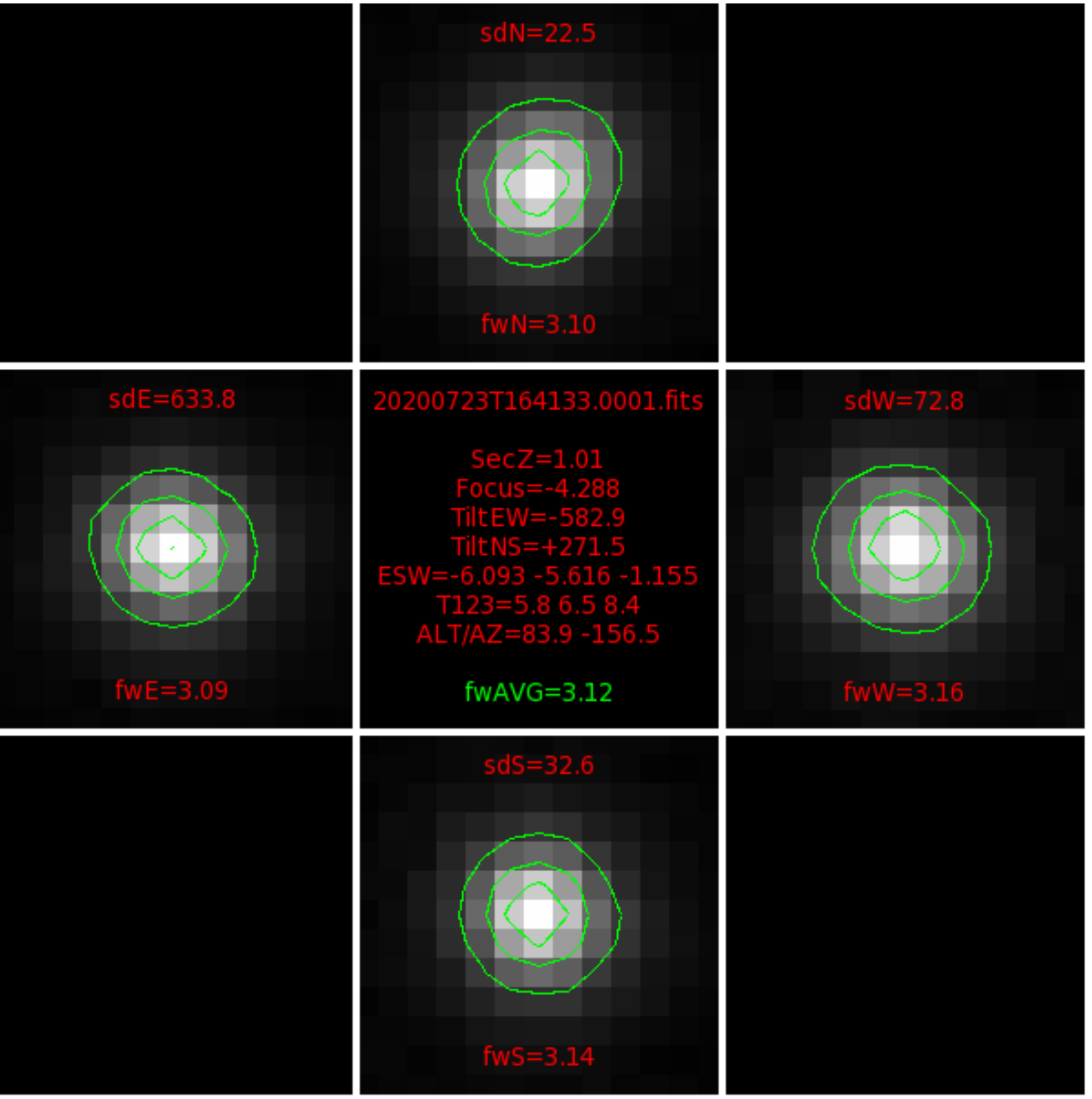
sdN=22.5
fwN=3.10
sdE=633.8
fwE=3.09
20200723T164133.0001.fits
SecZ=1.01
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.8 6.5 8.4
ALT/AZ=83.9 -156.5
fwAVG=3.12
sdW=72.8
fwW=3.16
sdS=32.6
fwS=3.14
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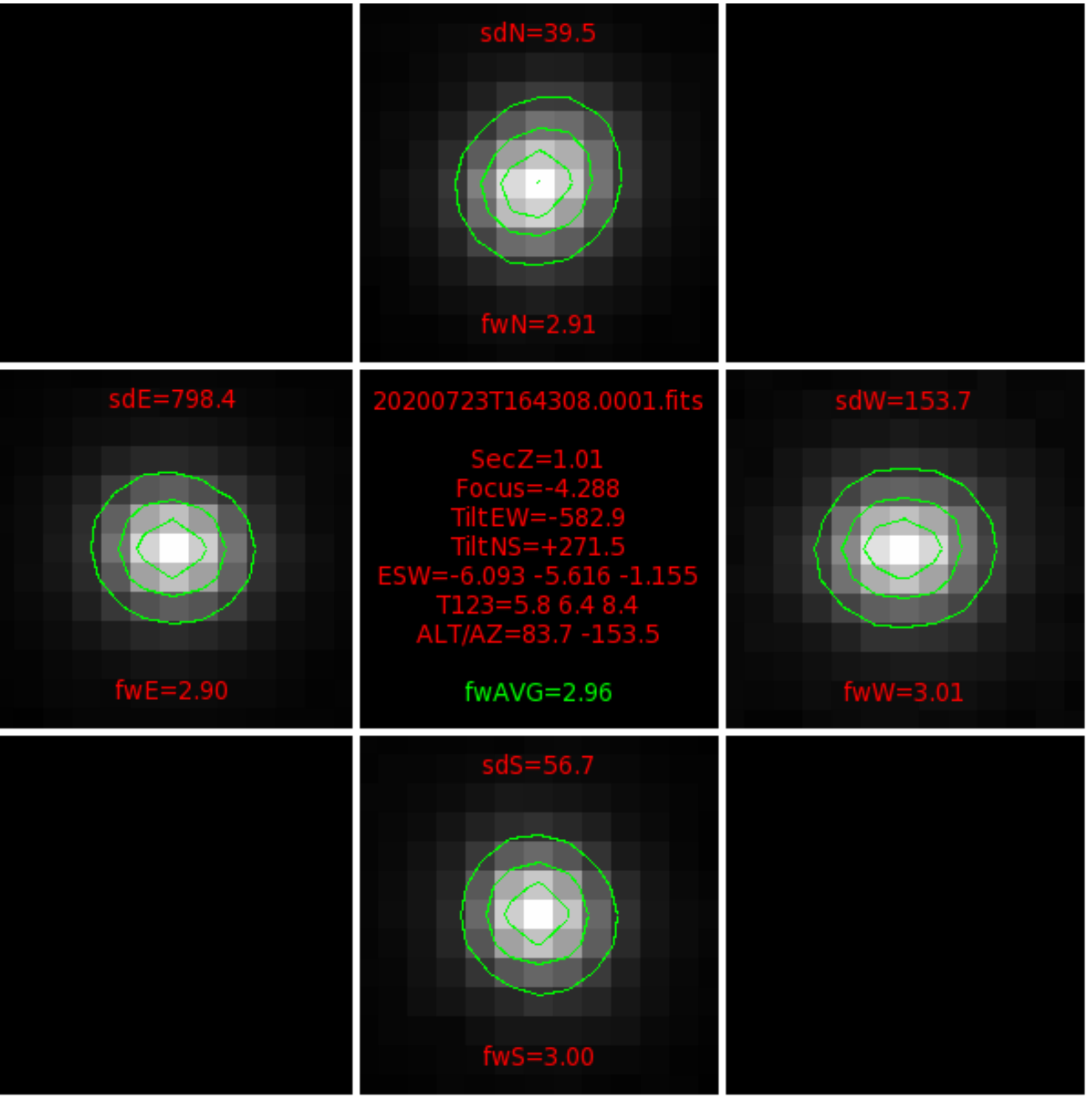
sdN=39.5
fwN=2.91
sdE=798.4
fwE=2.90
20200723T164308.0001.fits
SecZ=1.01
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.8 6.4 8.4
ALT/AZ=83.7 -153.5
fwAVG=2.96
sdW=153.7
fwW=3.01
sdS=56.7
fwS=3.00
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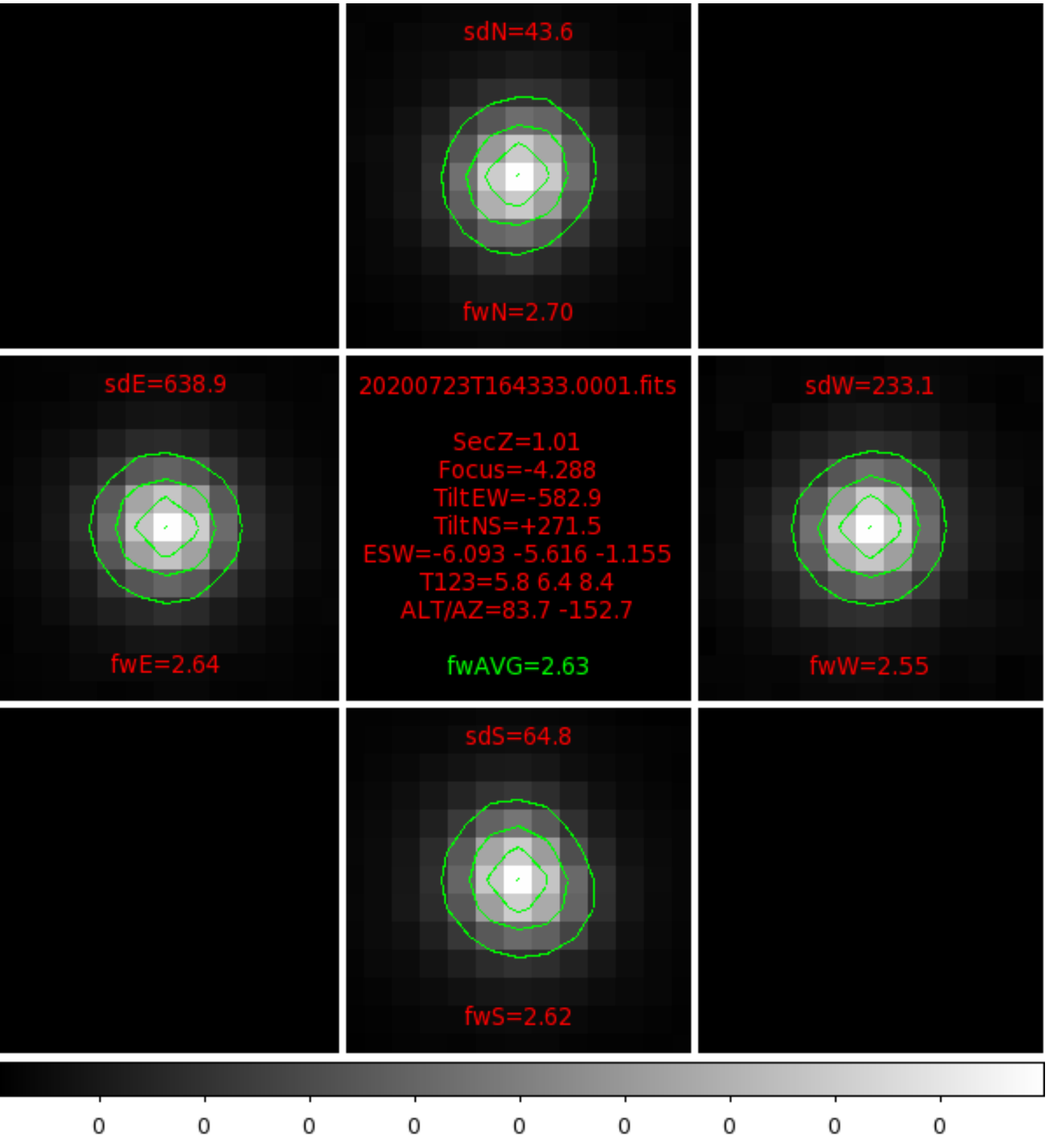
sdN=43.6
fwN=2.70
sdE=638.9
fwE=2.64
20200723T164333.0001.fits
SecZ=1.01
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.8 6.4 8.4
ALT/AZ=83.7 -152.7
fwAVG=2.63
sdW=233.1
fwW=2.55
sdS=64.8
fwS=2.62
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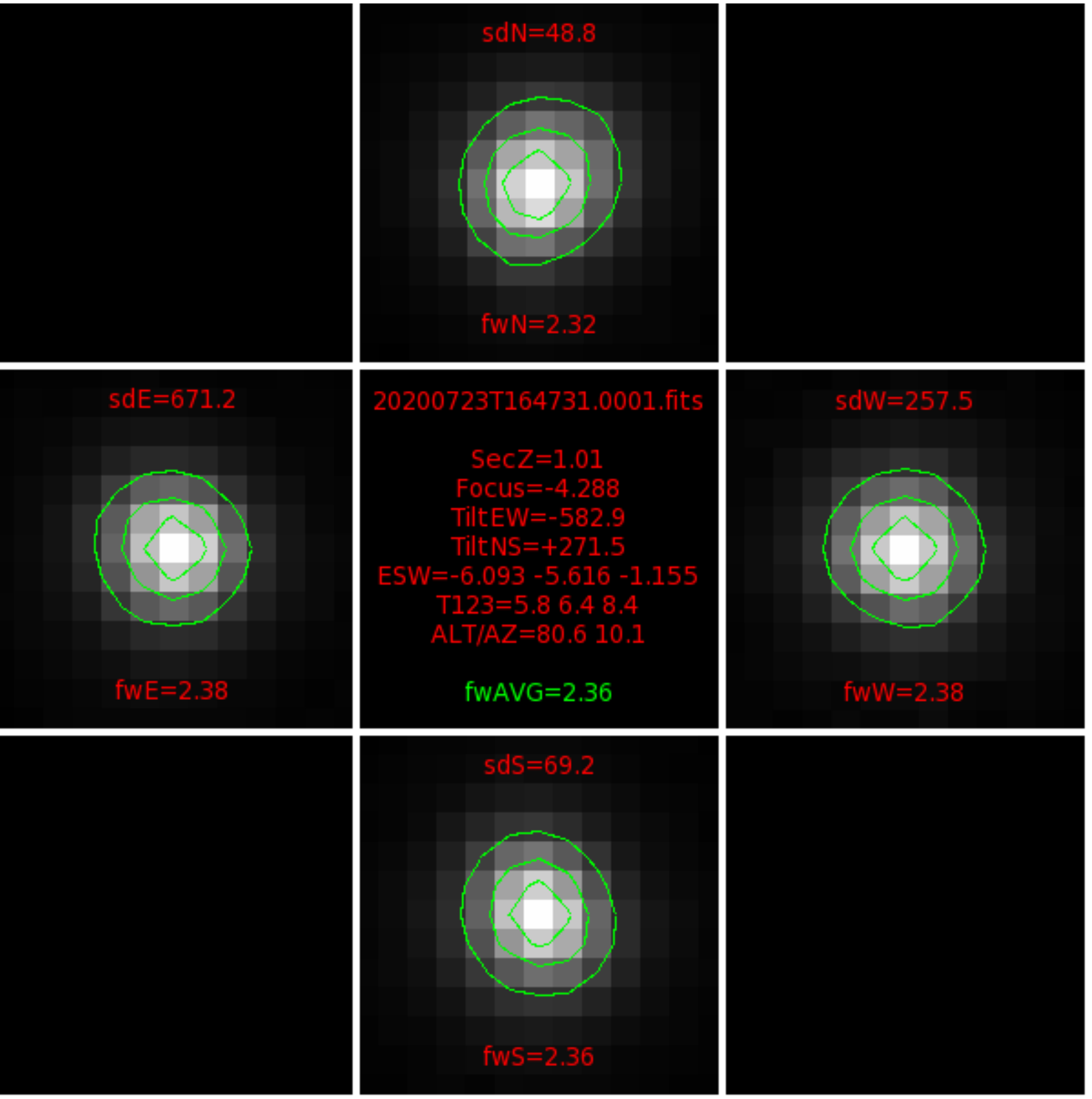
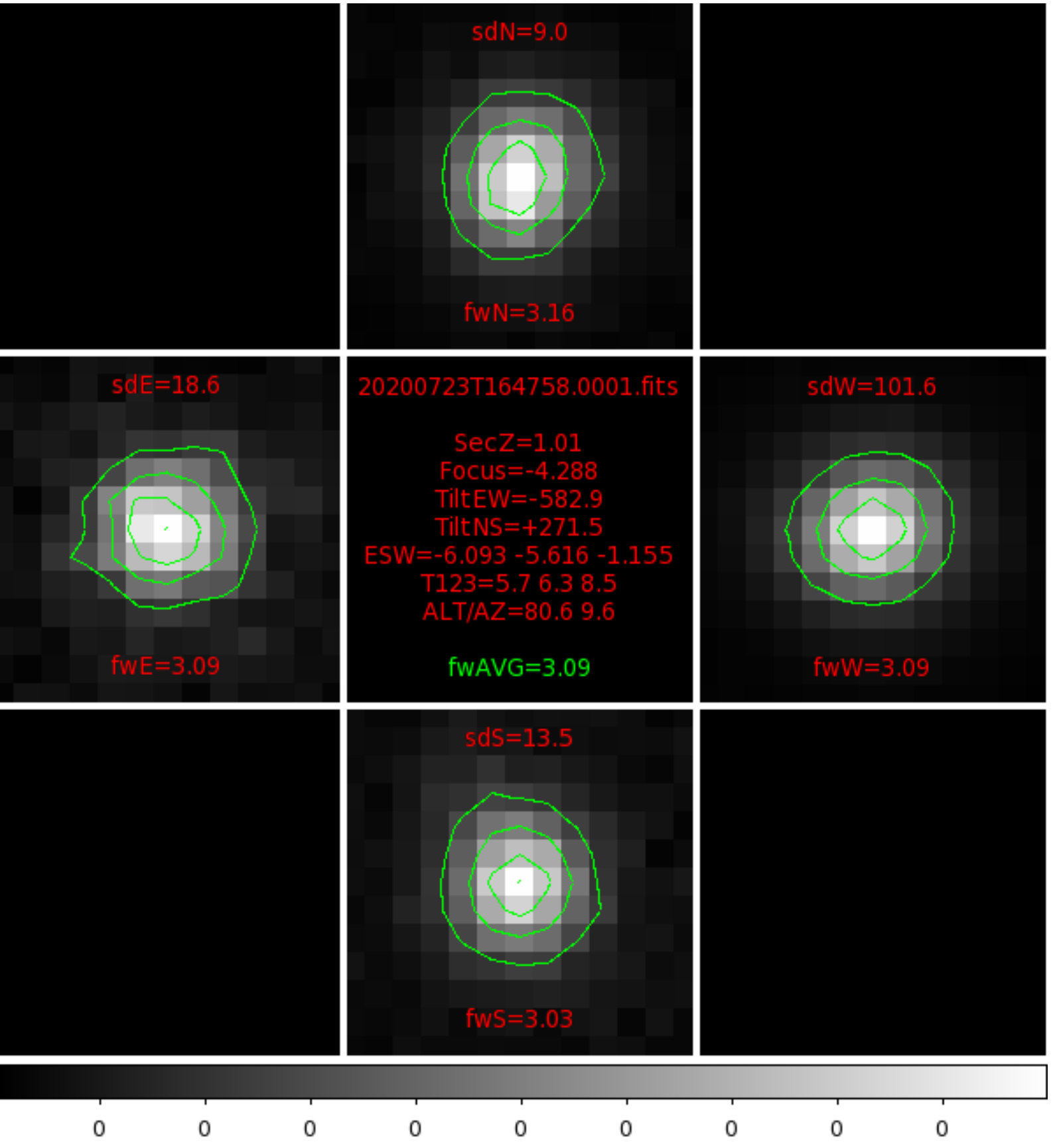

sdN=48.8
fwN=2.32
sdE=671.2
fwE=2.38
20200723T164731.0001.fits
SecZ=1.01
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.8 6.4 8.4
ALT/AZ=80.6 10.1
fwAVG=2.36
sdW=257.5
fwW=2.38
sdS=69.2
fwS=2.36
0 0 0 0 0 0 0 0 0


sdN=9.0
fwN=3.16
sdE=18.6
fwE=3.09
20200723T164758.0001.fits
SecZ=1.01
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.7 6.3 8.5
ALT/AZ=80.6 9.6
fwAVG=3.09
sdW=101.6
fwW=3.09
sdS=13.5
fwS=3.03
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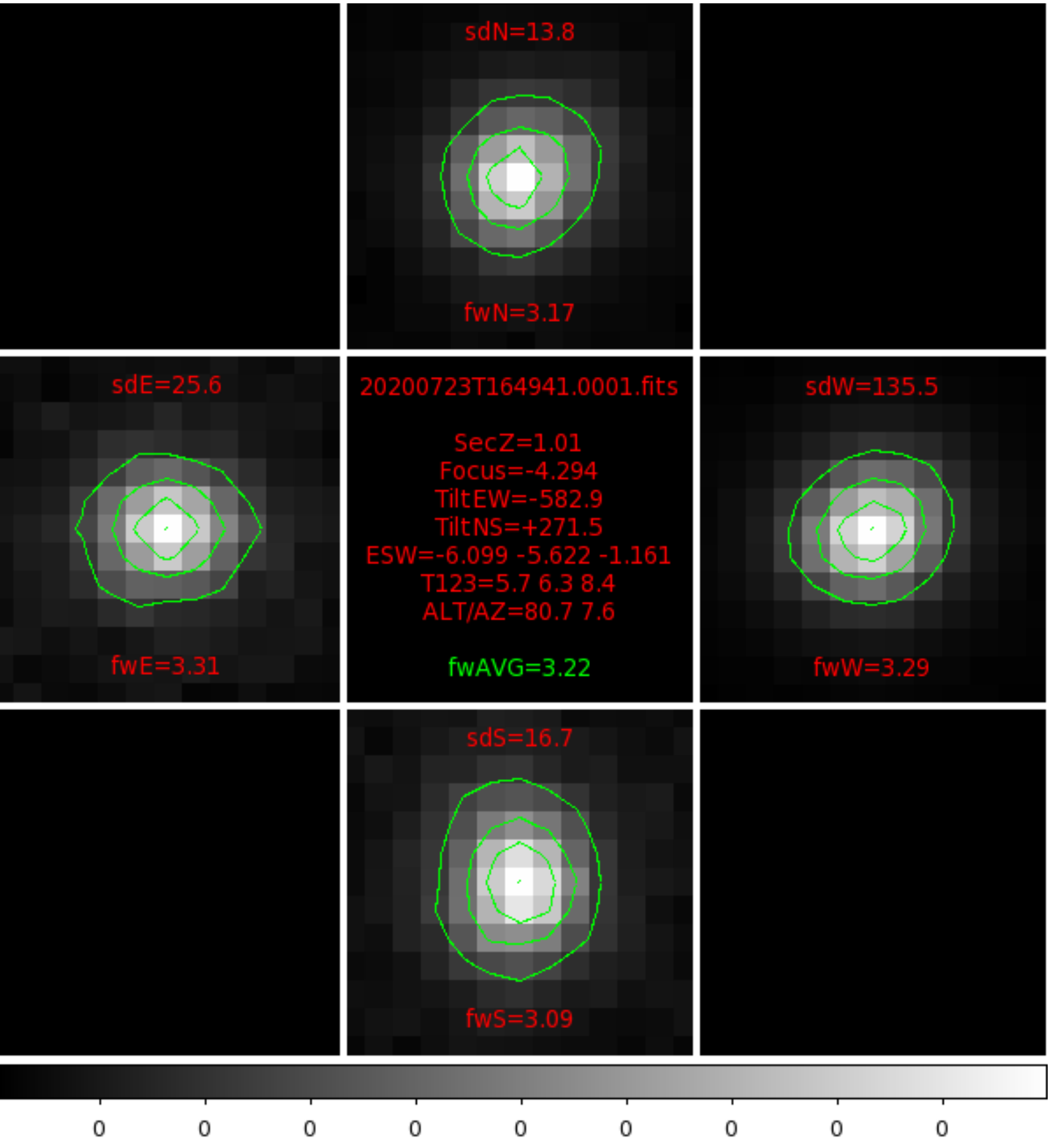
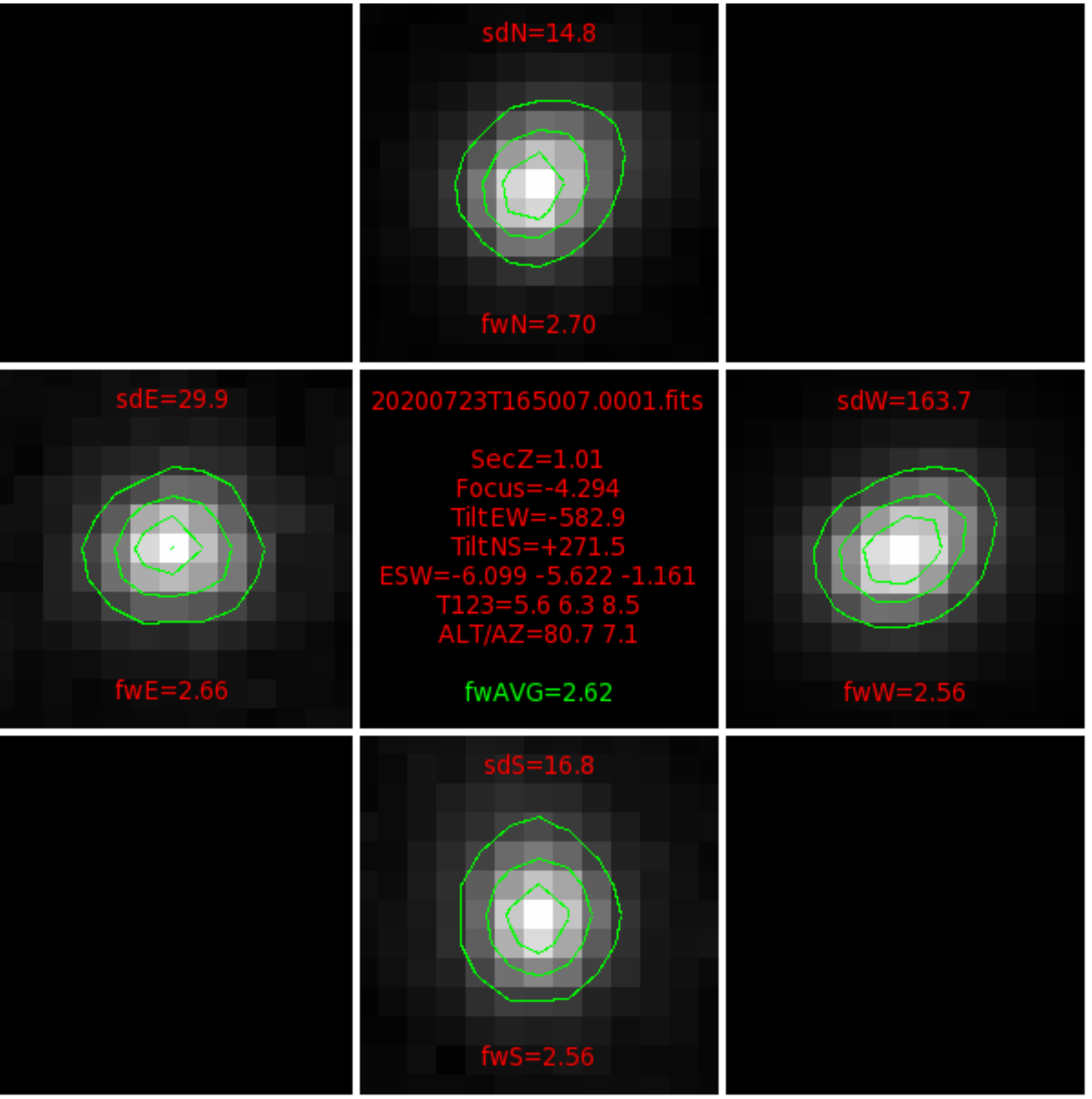

sdN=13.8
fwN=3.17
sdE=25.6
fwE=3.31
20200723T164941.0001.fits
SecZ=1.01
Focus=-4.294
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.099 -5.622 -1.161
T123=5.7 6.3 8.4
ALT/AZ=80.7 7.6
fwAVG=3.22
sdW=135.5
fwW=3.29
sdS=16.7
fwS=3.09
0 0 0 0 0 0 0 0 0


sdN=14.8
fwN=2.70
sdE=29.9
fwE=2.66
20200723T165007.0001.fits
SecZ=1.01
Focus=-4.294
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.099 -5.622 -1.161
T123=5.6 6.3 8.5
ALT/AZ=80.7 7.1
fwAVG=2.62
sdW=163.7
fwW=2.56
sdS=16.8
fwS=2.56
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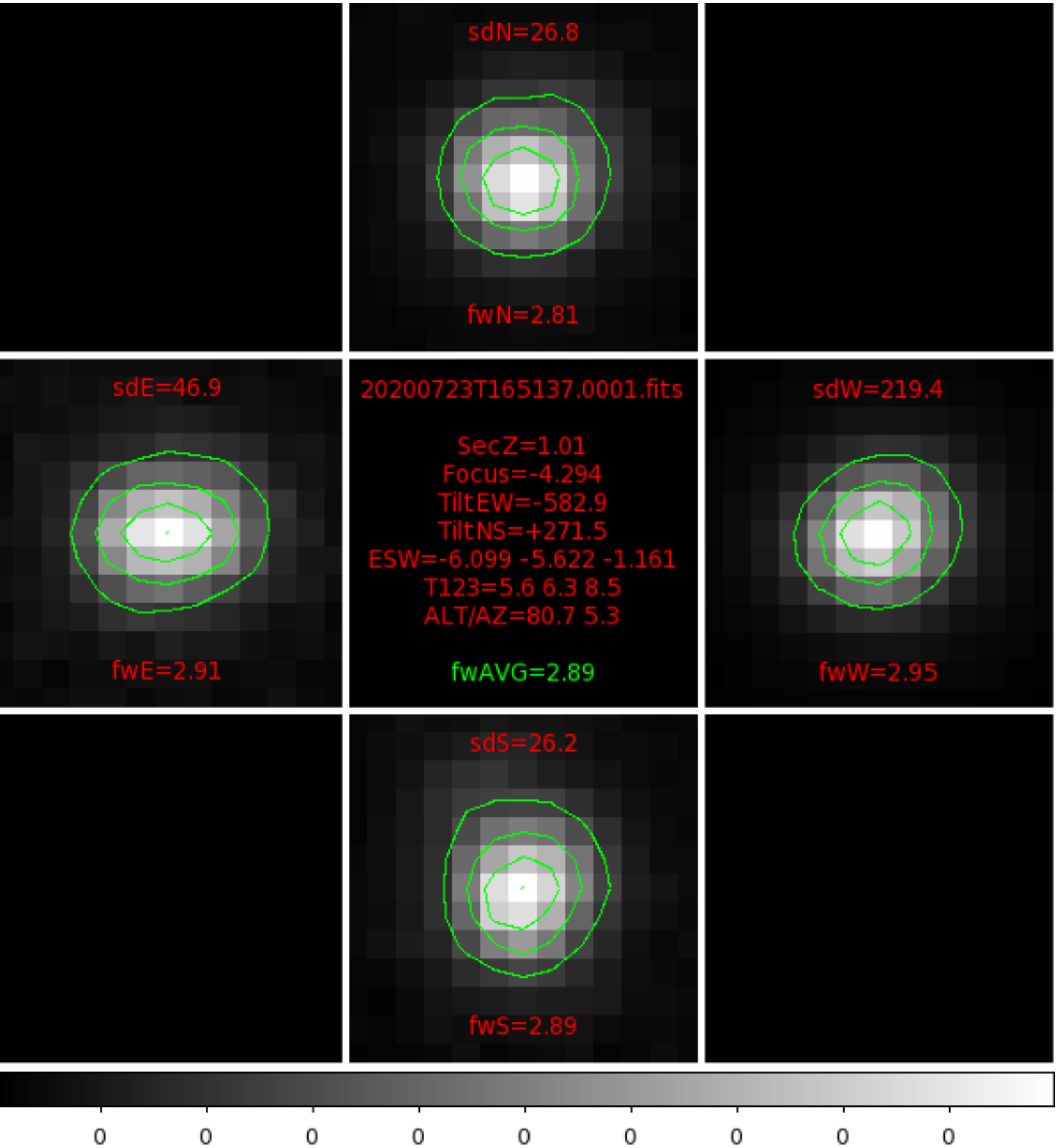
sdN=26.8
fwN=2.81
sdE=46.9
fwE=2.91
20200723T165137.0001.fits
SecZ=1.01
Focus=-4.294
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.099 -5.622 -1.161
T123=5.6 6.3 8.5
ALT/AZ=80.7 5.3
fwAVG=2.89
sdW=219.4
fwW=2.95
sdS=26.2
fwS=2.89
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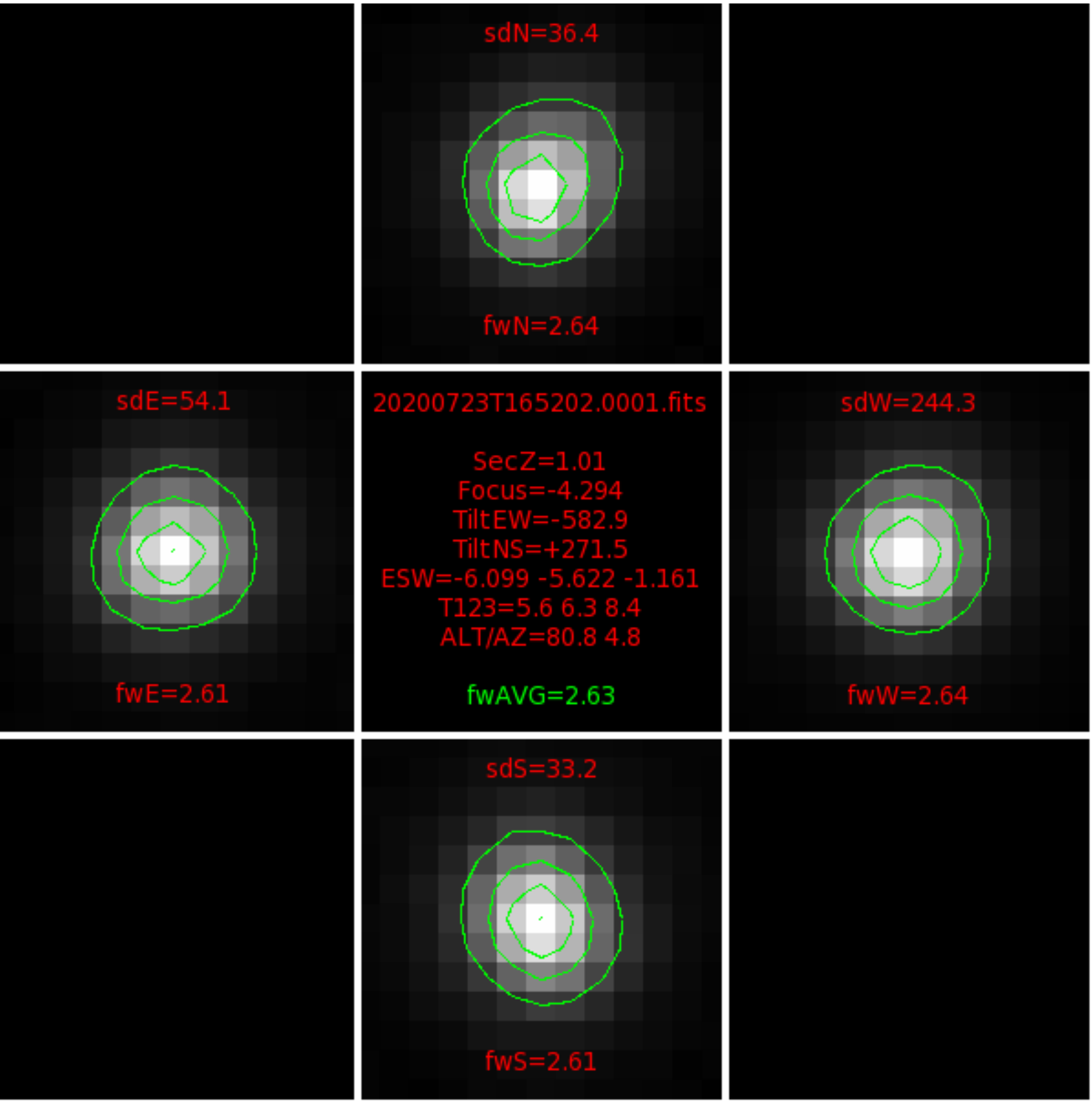
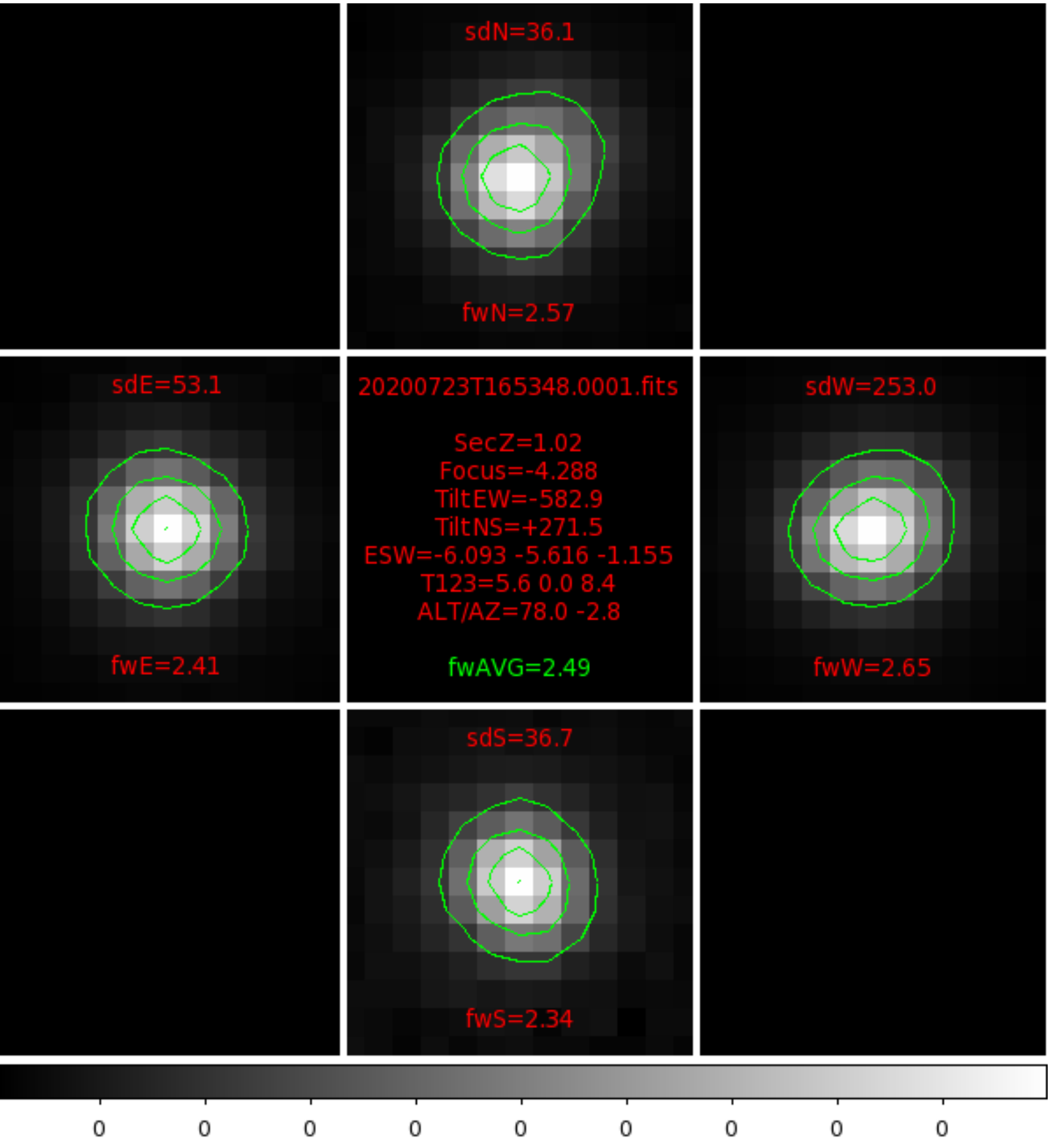

sdN=36.4
fwN=2.64
sdE=54.1
fwE=2.61
20200723T165202.0001.fits
SecZ=1.01
Focus=-4.294
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.099 -5.622 -1.161
T123=5.6 6.3 8.4
ALT/AZ=80.8 4.8
fwAVG=2.63
sdW=244.3
fwW=2.64
sdS=33.2
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=36.1
fwN=2.57
sdE=53.1
fwE=2.41
20200723T165348.0001.fits
SecZ=1.02
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.6 0.0 8.4
ALT/AZ=78.0 -2.8
fwAVG=2.49
sdW=253.0
fwW=2.65
sdS=36.7
fwS=2.34
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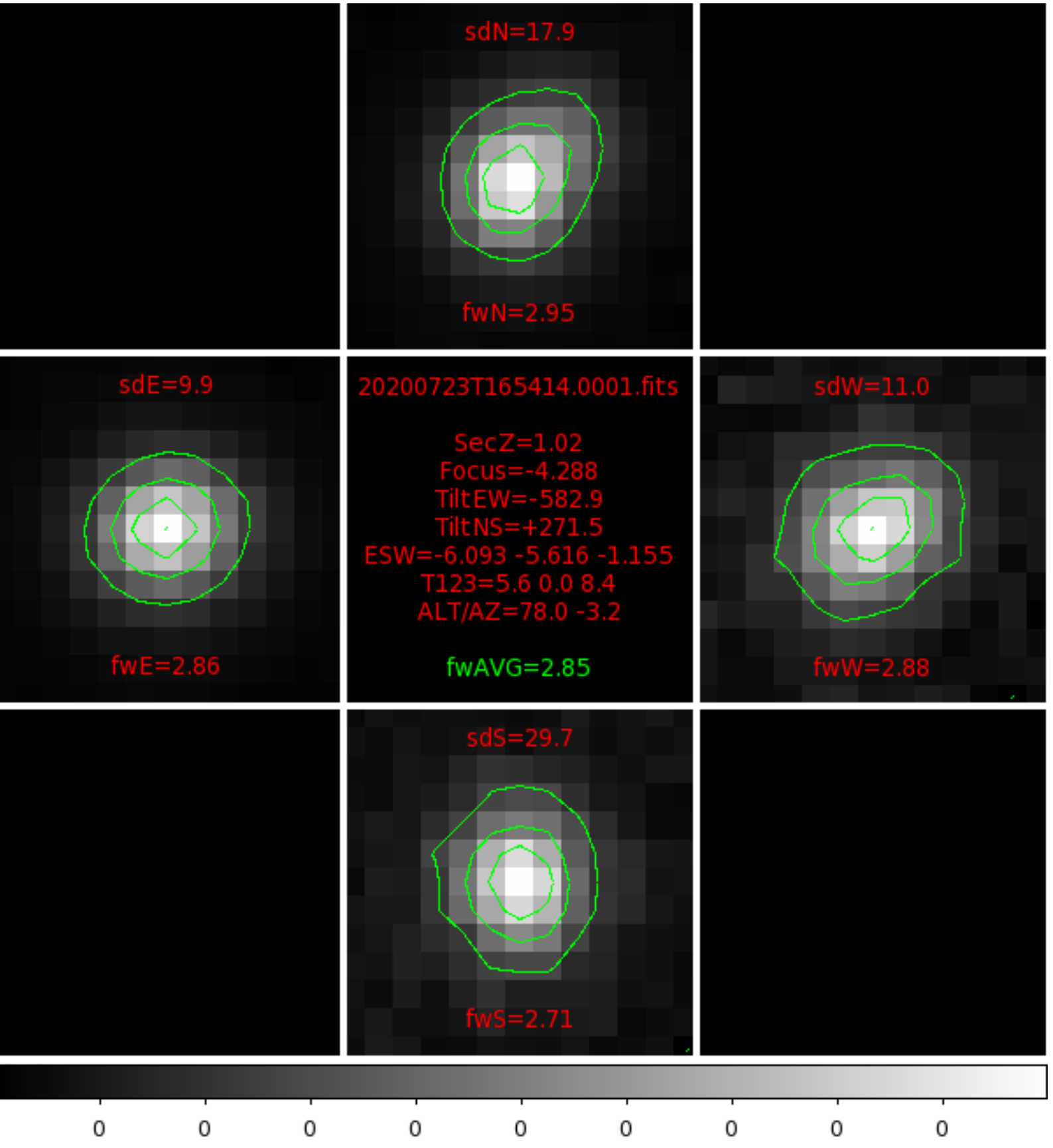
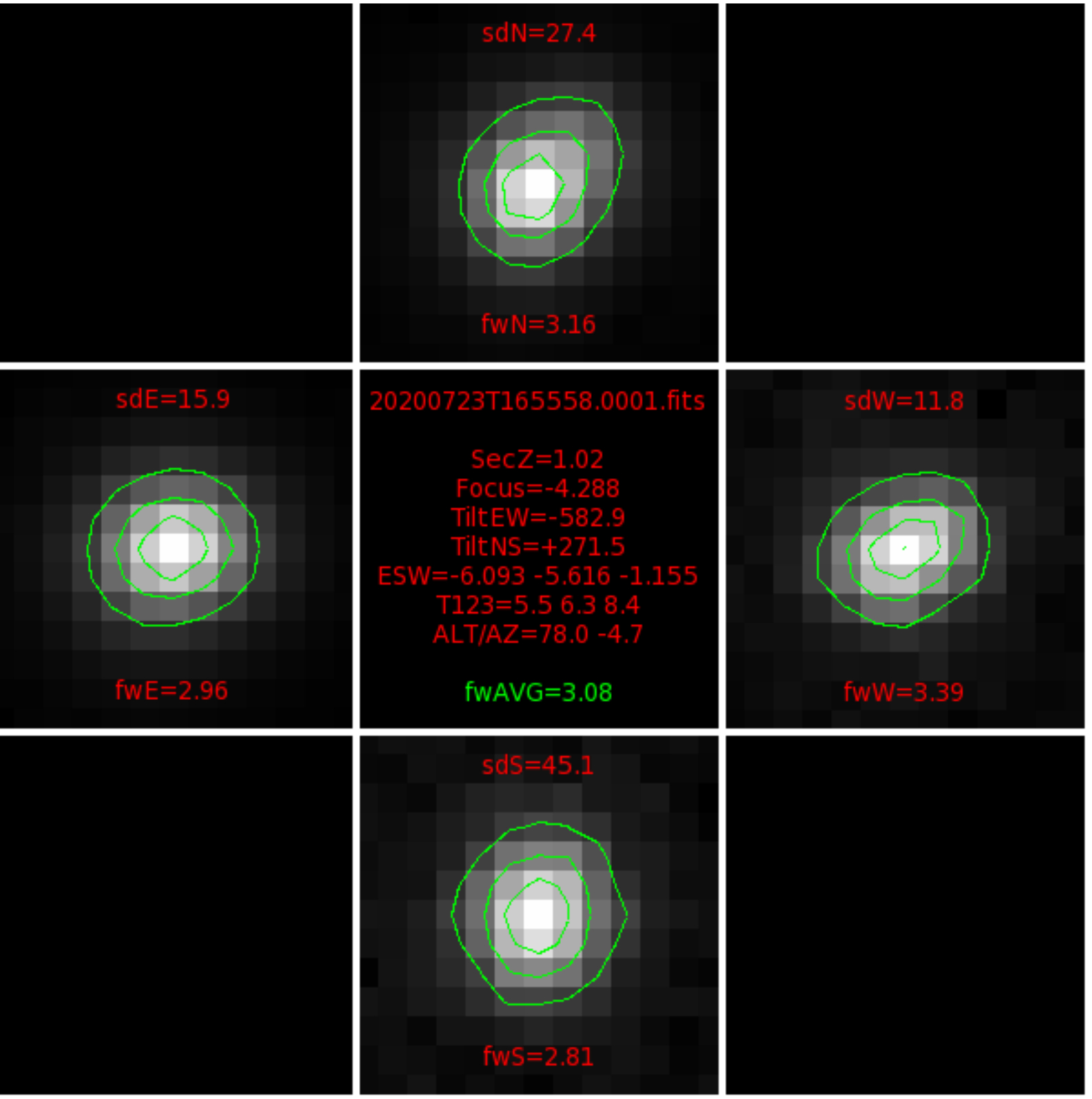

sdN=17.9
fwN=2.95
sdE=9.9
fwE=2.86
20200723T165414.0001.fits
SecZ=1.02
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.6 0.0 8.4
ALT/AZ=78.0 -3.2
fwAVG=2.85
sdW=11.0
fwW=2.88
sdS=29.7
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=27.4
fwN=3.16
sdE=15.9
fwE=2.96
20200723T165558.0001.fits
SecZ=1.02
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.5 6.3 8.4
ALT/AZ=78.0 -4.7
fwAVG=3.08
sdW=11.8
fwW=3.39
sdS=45.1
fwS=2.81
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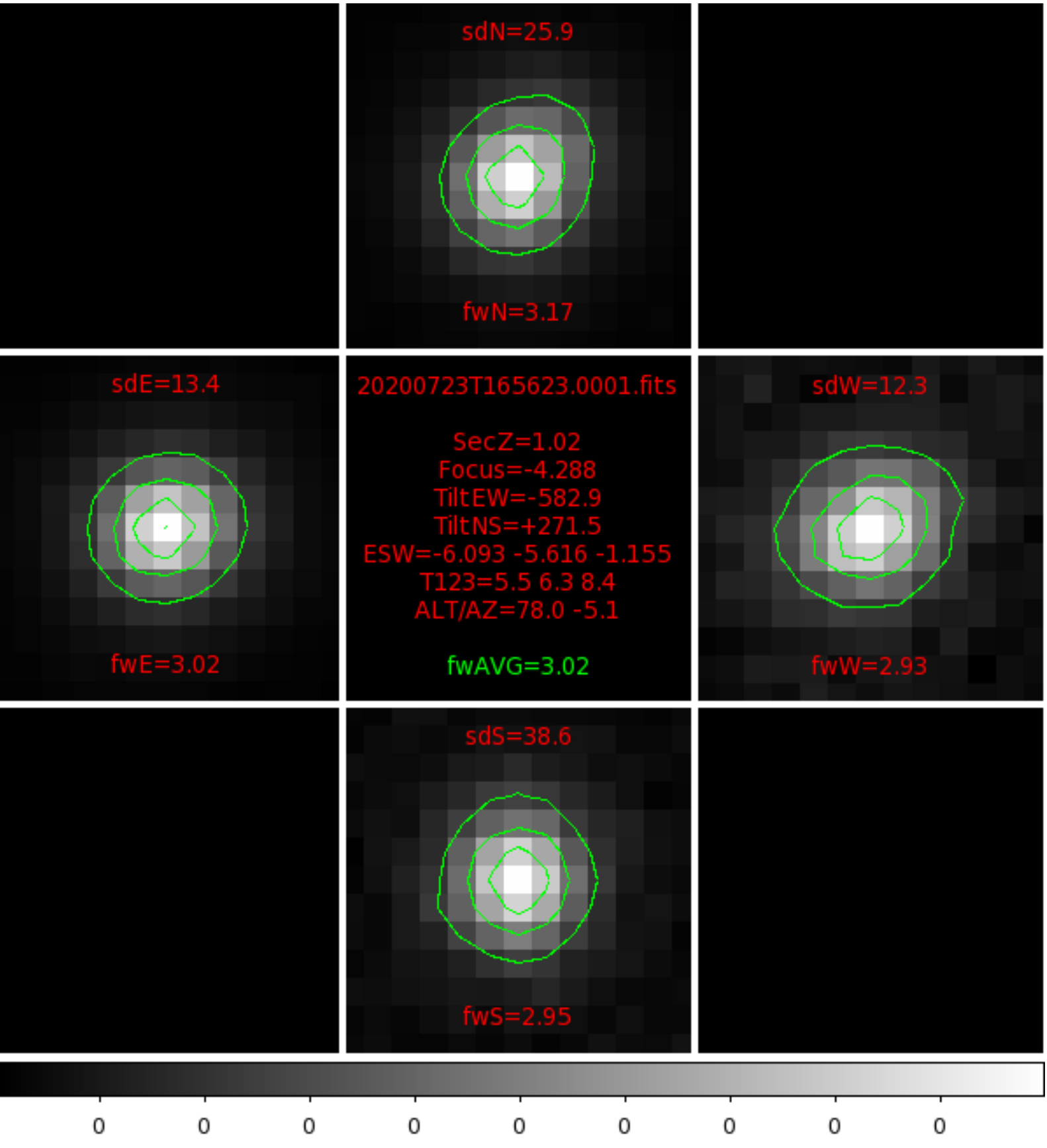
sdN=25.9
fwN=3.17
sdE=13.4
fwE=3.02
20200723T165623.0001.fits
SecZ=1.02
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.5 6.3 8.4
ALT/AZ=78.0 -5.1
fwAVG=3.02
sdW=12.3
fwW=2.93
sdS=38.6
fwS=2.95
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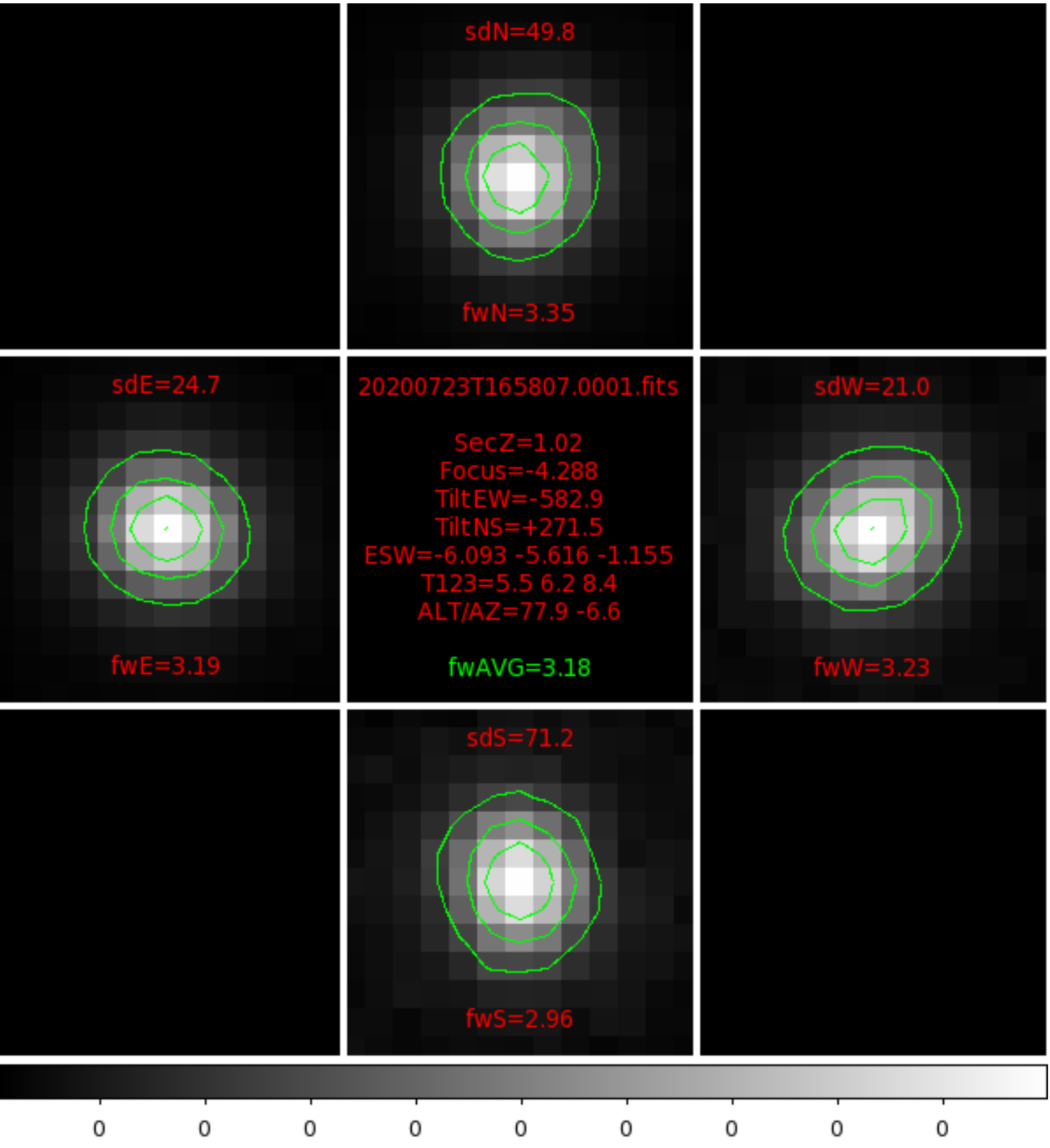
sdN=49.8
fwN=3.35
sdE=24.7
fwE=3.19
20200723T165807.0001.fits
SecZ=1.02
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.5 6.2 8.4
ALT/AZ=77.9 -6.6
fwAVG=3.18
sdW=21.0
fwW=3.23
sdS=71.2
fwS=2.96
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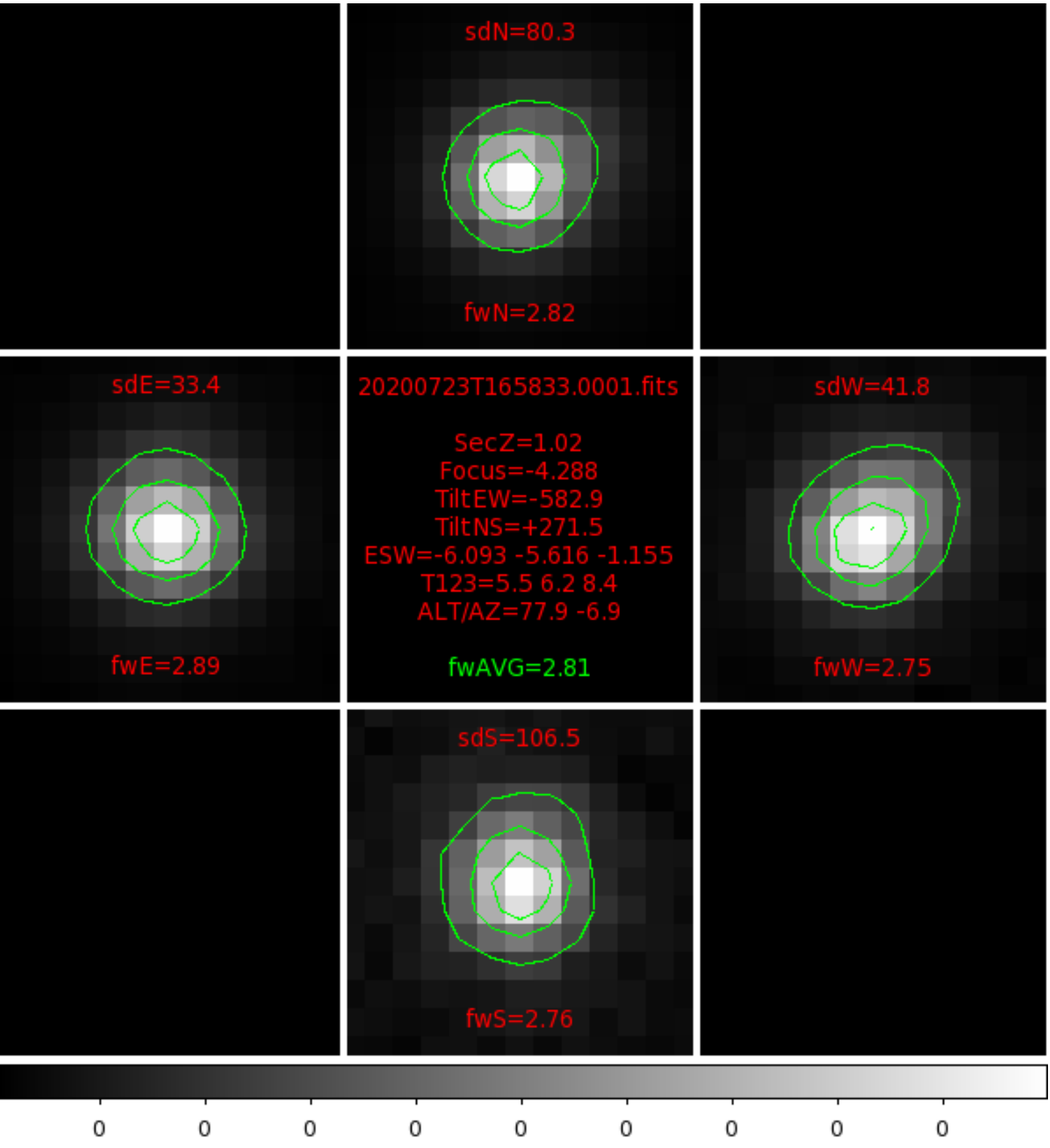
sdN=80.3
fwN=2.82
sdE=33.4
fwE=2.89
20200723T165833.0001.fits
SecZ=1.02
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.5 6.2 8.4
ALT/AZ=77.9 -6.9
fwAVG=2.81
sdW=41.8
fwW=2.75
sdS=106.5
fwS=2.76
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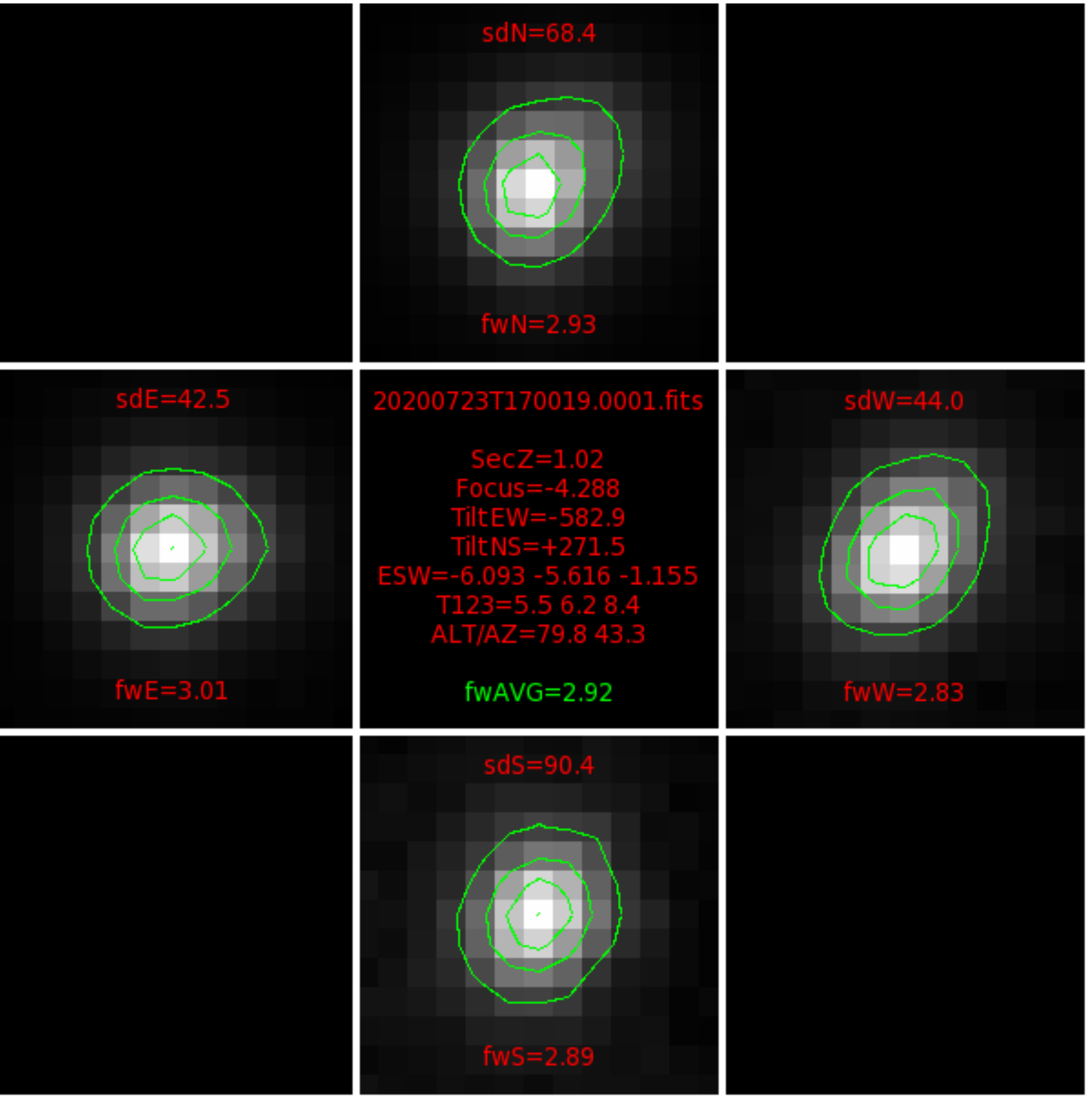
sdN=68.4
fwN=2.93
sdE=42.5
fwE=3.01
20200723T170019.0001.fits
SecZ=1.02
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.5 6.2 8.4
ALT/AZ=79.8 43.3
fwAVG=2.92
sdW=44.0
fwW=2.83
sdS=90.4
fwS=2.89
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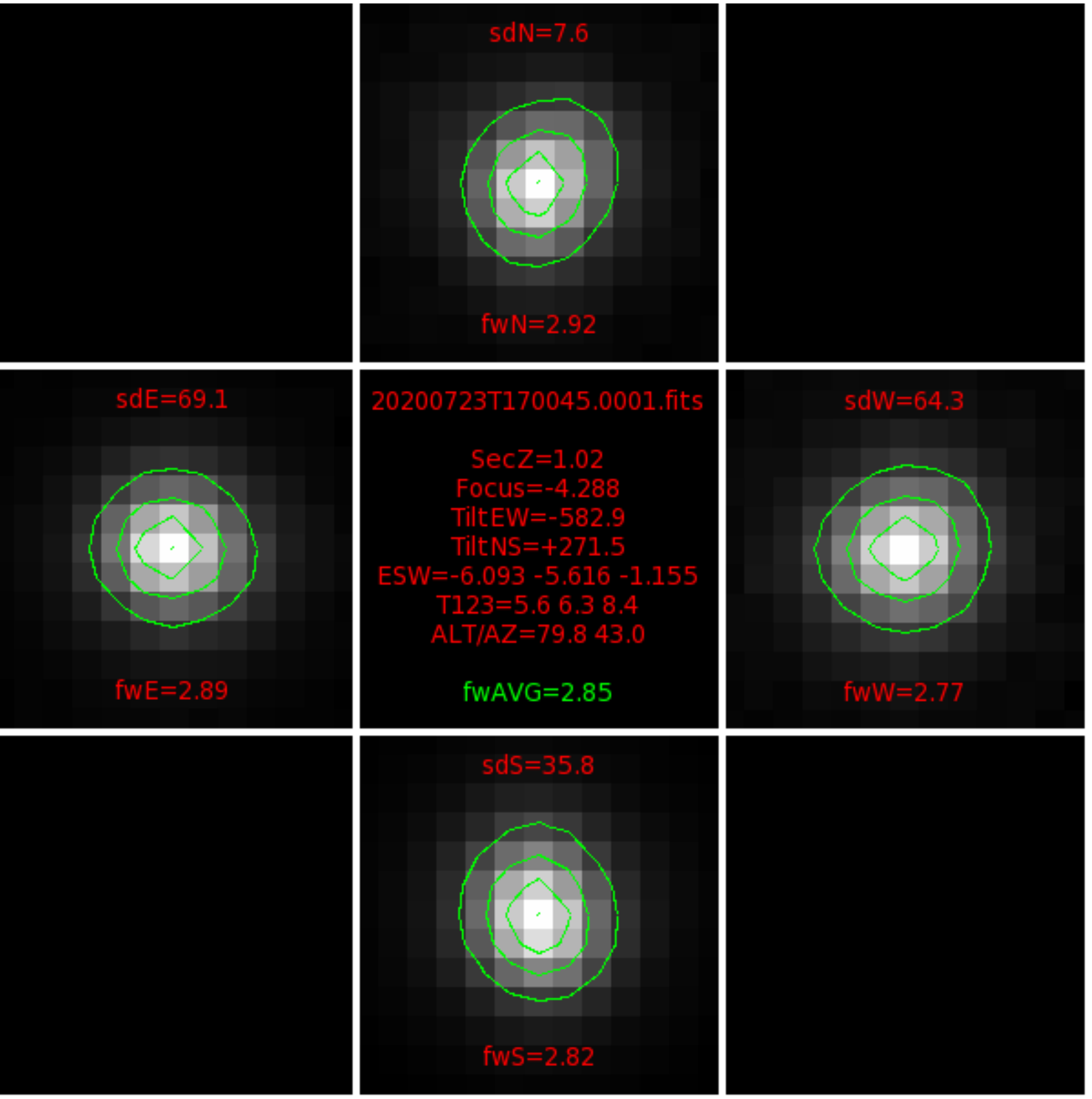
sdN=7.6
fwN=2.92
sdE=69.1
fwE=2.89
20200723T170045.0001.fits
SecZ=1.02
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.6 6.3 8.4
ALT/AZ=79.8 43.0
fwAVG=2.85
sdW=64.3
fwW=2.77
sdS=35.8
fwS=2.82
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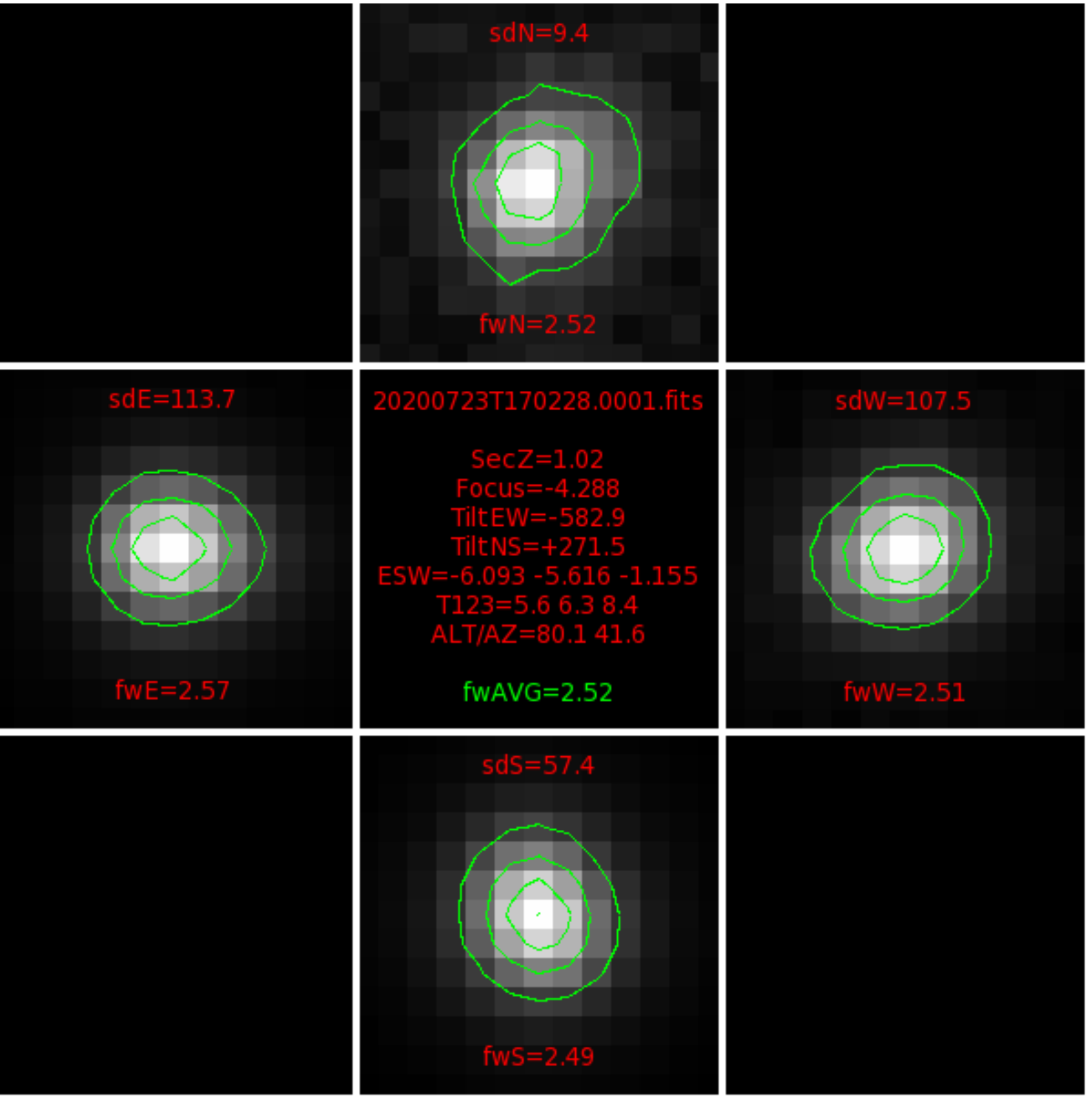
sdN=9.4
fwN=2.52
sdE=113.7
fwE=2.57
20200723T170228.0001.fits
SecZ=1.02
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.6 6.3 8.4
ALT/AZ=80.1 41.6
fwAVG=2.52
sdW=107.5
fwW=2.51
sdS=57.4
fwS=2.49
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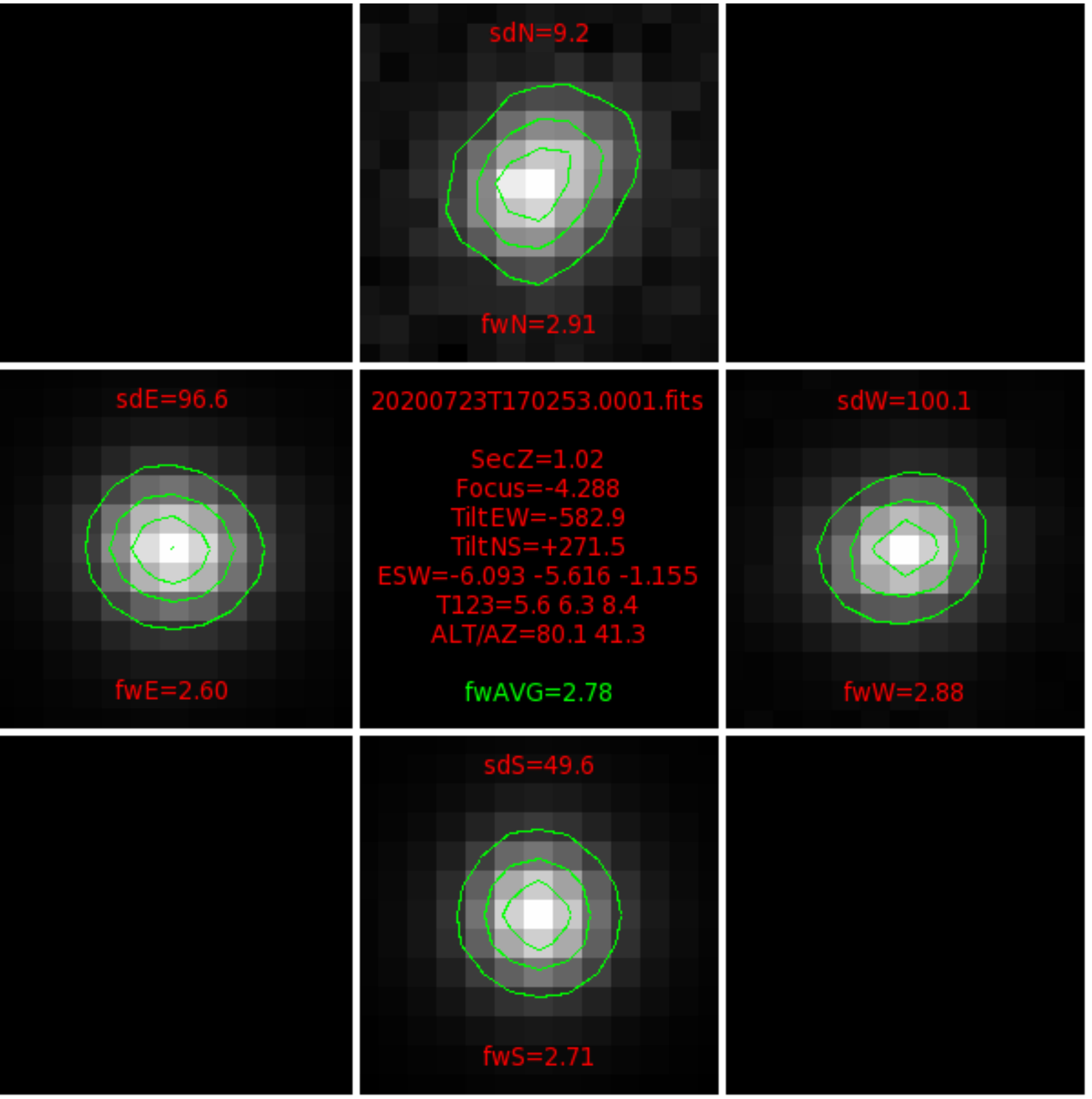
sdN=9.2
fwN=2.91
sdE=96.6
fwE=2.60
20200723T170253.0001.fits
SecZ=1.02
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.6 6.3 8.4
ALT/AZ=80.1 41.3
fwAVG=2.78
sdW=100.1
fwW=2.88
sdS=49.6
fwS=2.71
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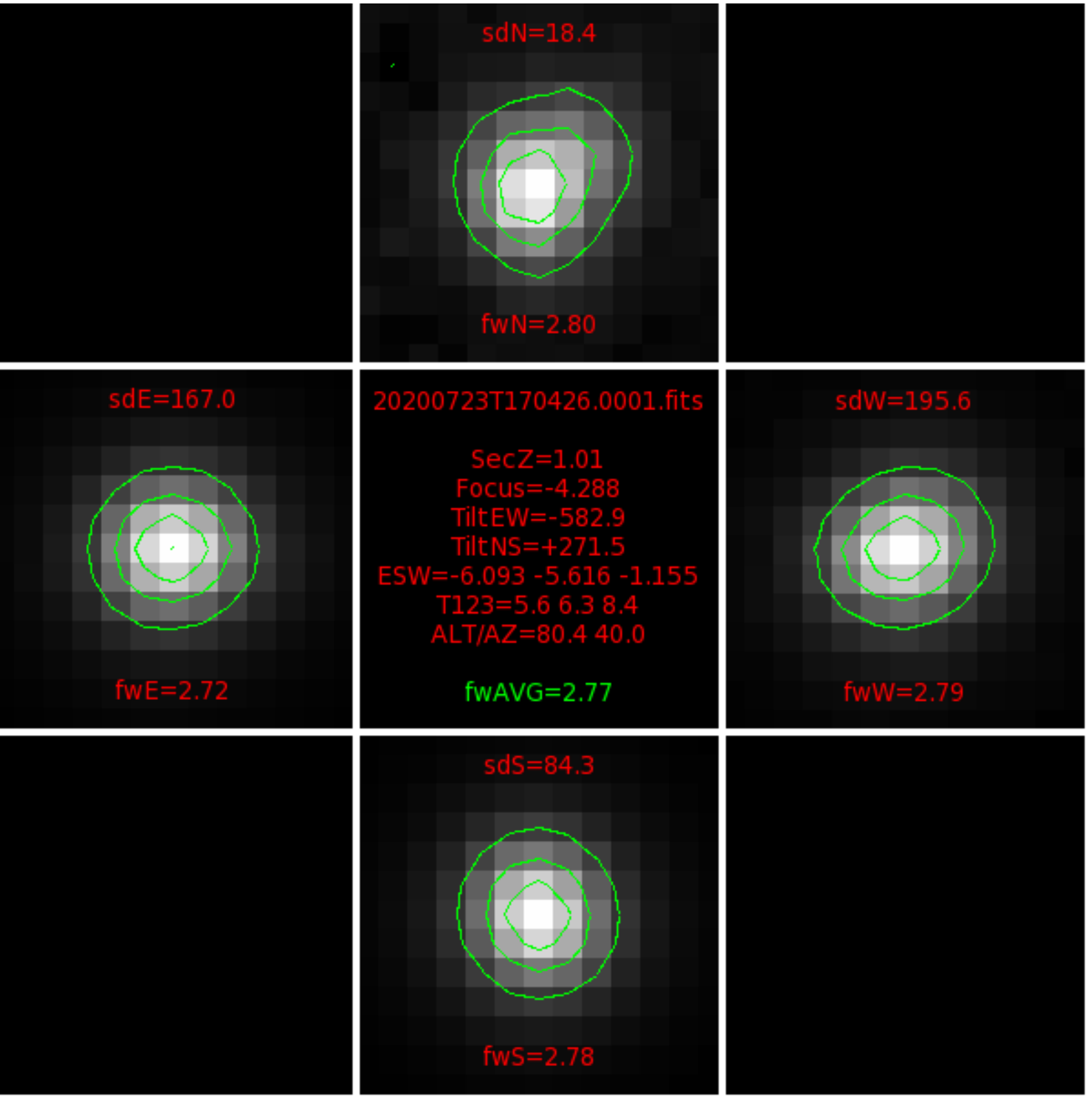
sdN=18.4
fwN=2.80
sdE=167.0
fwE=2.72
20200723T170426.0001.fits
SecZ=1.01
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.6 6.3 8.4
ALT/AZ=80.4 40.0
fwAVG=2.77
sdW=195.6
fwW=2.79
sdS=84.3
fwS=2.78
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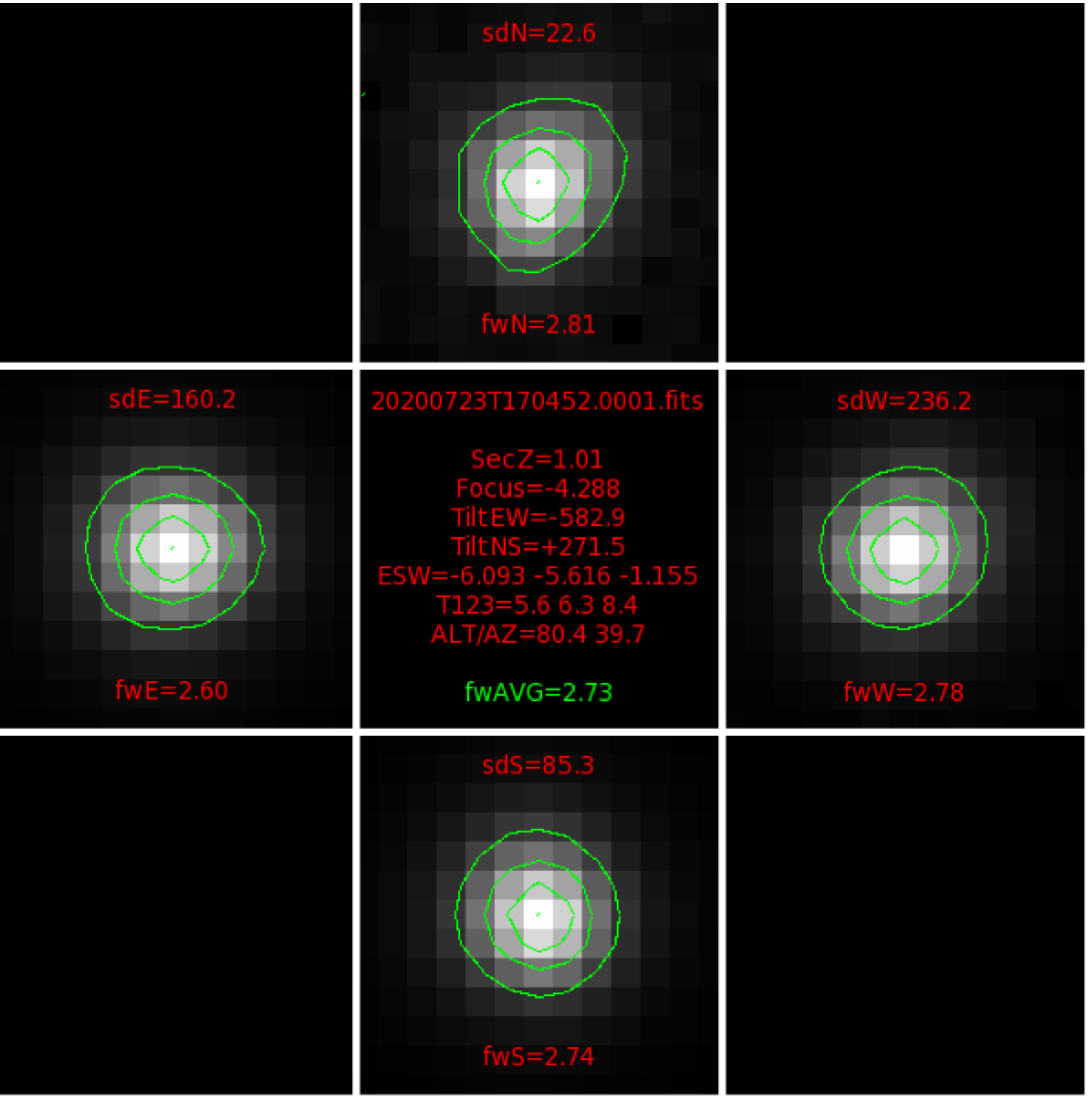
sdN=22.6
fwN=2.81
sdE=160.2
fwE=2.60
20200723T170452.0001.fits
SecZ=1.01
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.6 6.3 8.4
ALT/AZ=80.4 39.7
fwAVG=2.73
sdW=236.2
fwW=2.78
sdS=85.3
fwS=2.74
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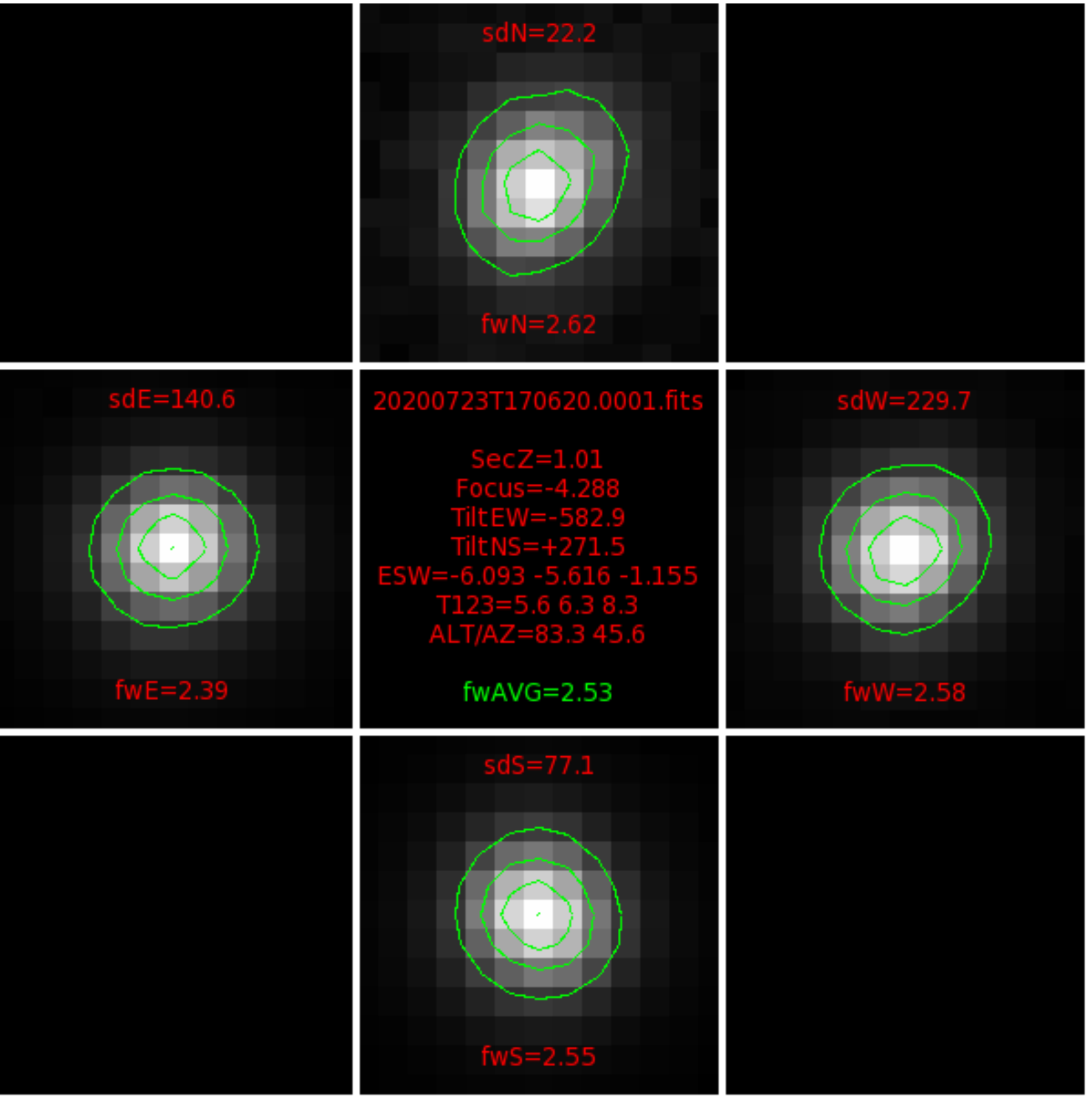
sdN=22.2
fwN=2.62
sdE=140.6
fwE=2.39
20200723T170620.0001.fits
SecZ=1.01
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.6 6.3 8.3
ALT/AZ=83.3 45.6
fwAVG=2.53
sdW=229.7
fwW=2.58
sdS=77.1
fwS=2.55
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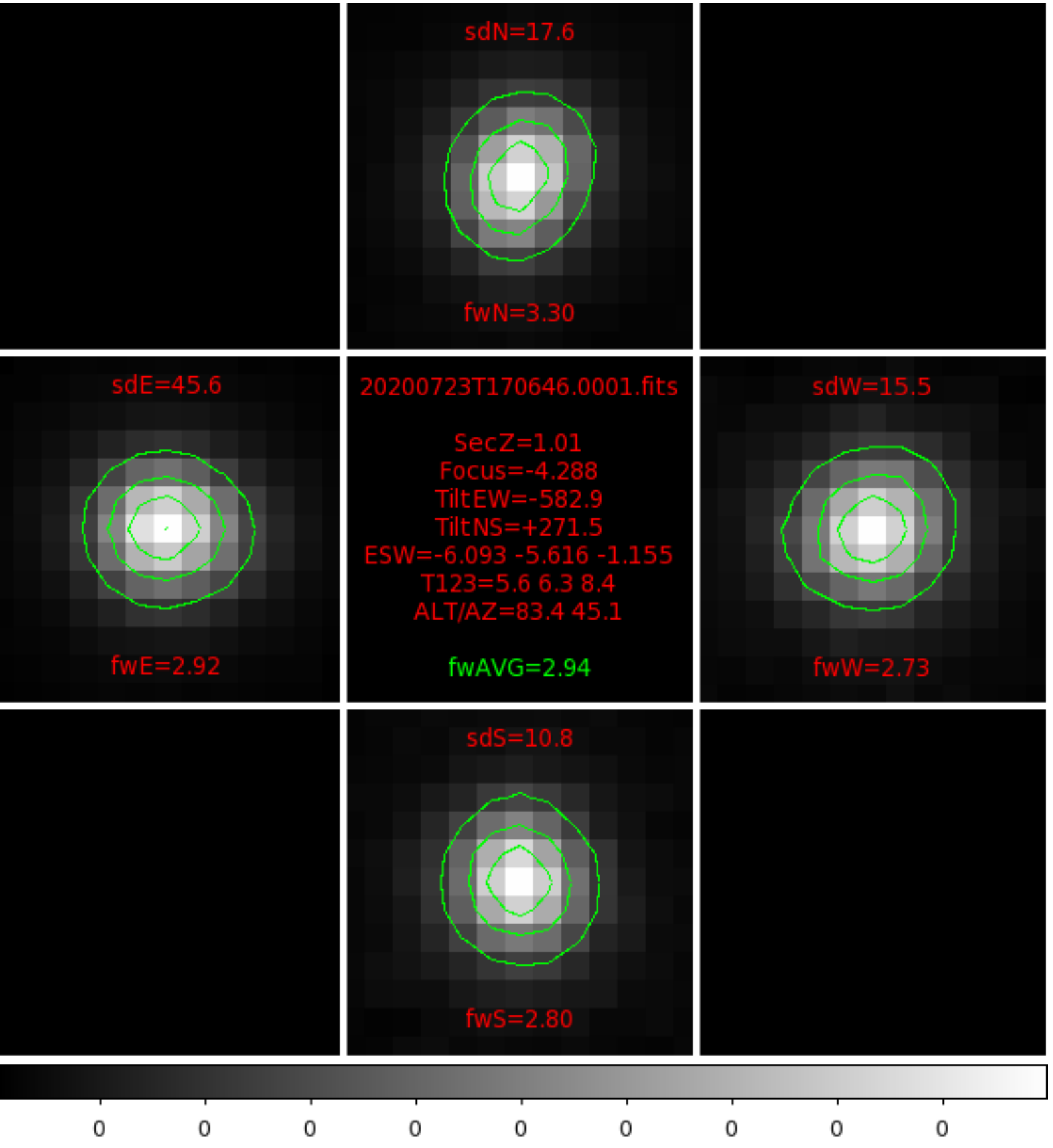
sdN=17.6
fwN=3.30
sdE=45.6
fwE=2.92
20200723T170646.0001.fits
SecZ=1.01
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.6 6.3 8.4
ALT/AZ=83.4 45.1
fwAVG=2.94
sdW=15.5
fwW=2.73
sdS=10.8
fwS=2.80
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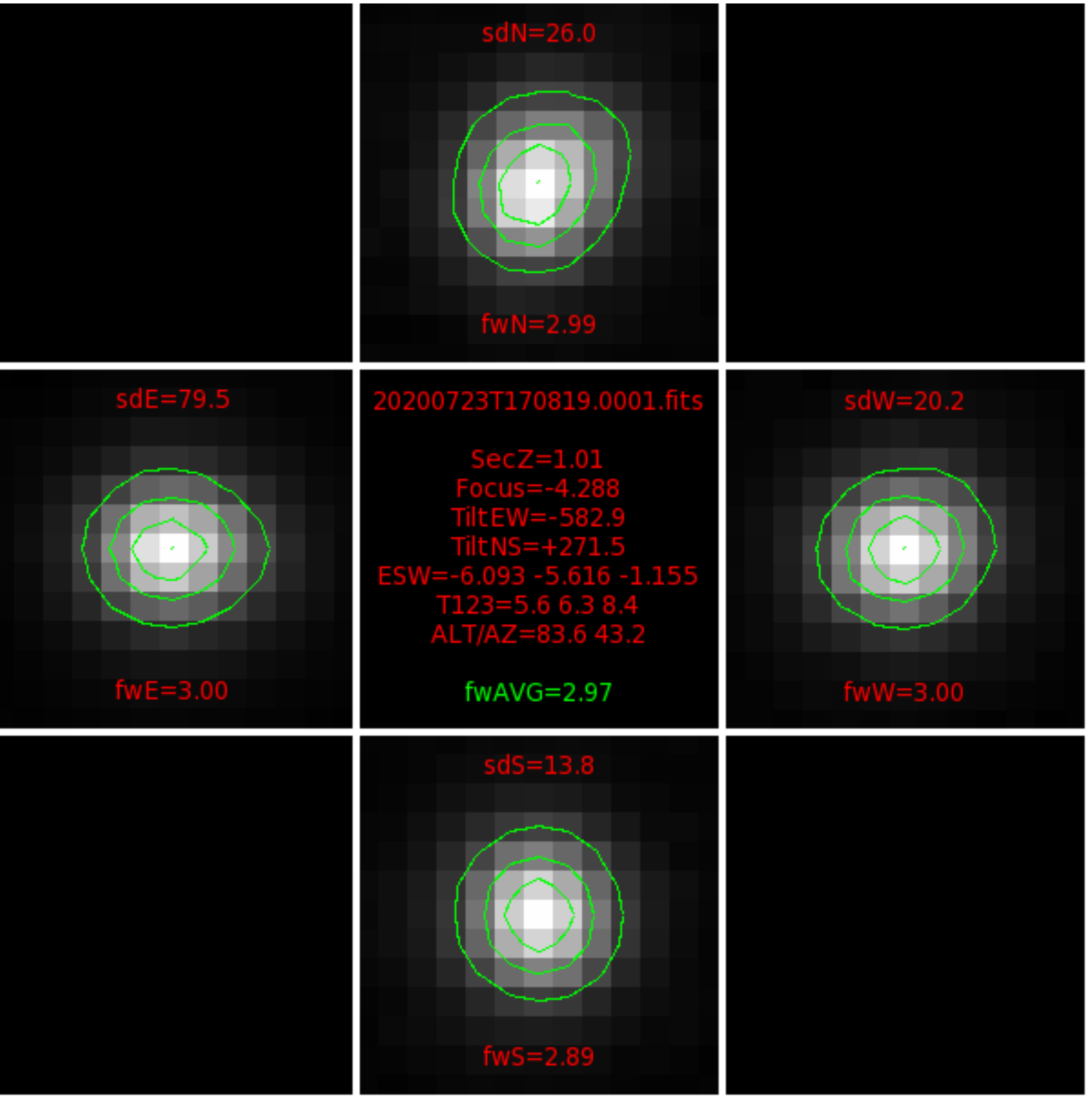
sdN=26.0
fwN=2.99
sdE=79.5
fwE=3.00
20200723T170819.0001.fits
SecZ=1.01
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.6 6.3 8.4
ALT/AZ=83.6 43.2
fwAVG=2.97
sdW=20.2
fwW=3.00
sdS=13.8
fwS=2.89
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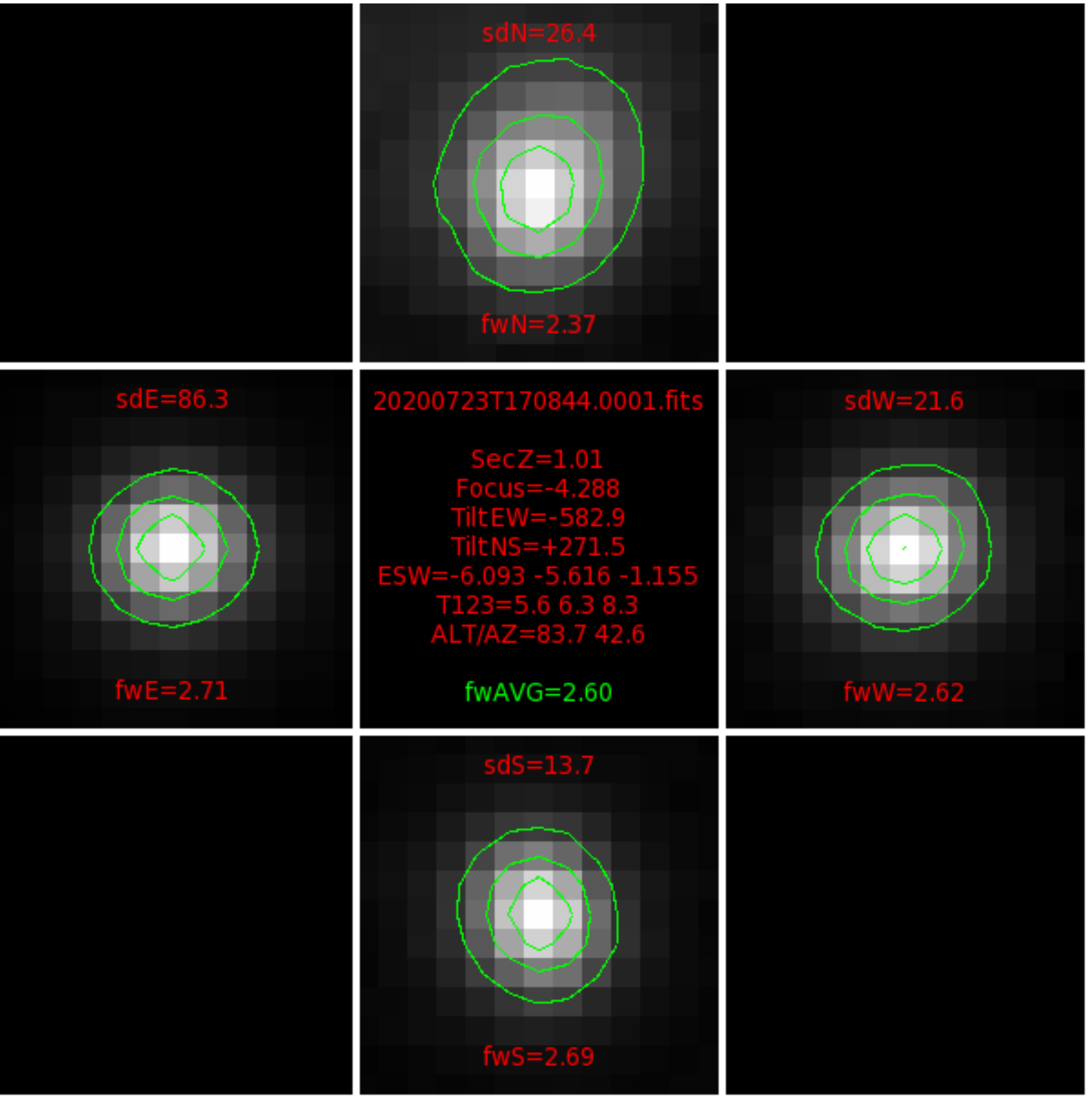
sdN=26.4
fwN=2.37
sdE=86.3
fwE=2.71
20200723T170844.0001.fits
SecZ=1.01
Focus=-4.288
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.093 -5.616 -1.155
T123=5.6 6.3 8.3
ALT/AZ=83.7 42.6
fwAVG=2.60
sdW=21.6
fwW=2.62
sdS=13.7
fwS=2.69
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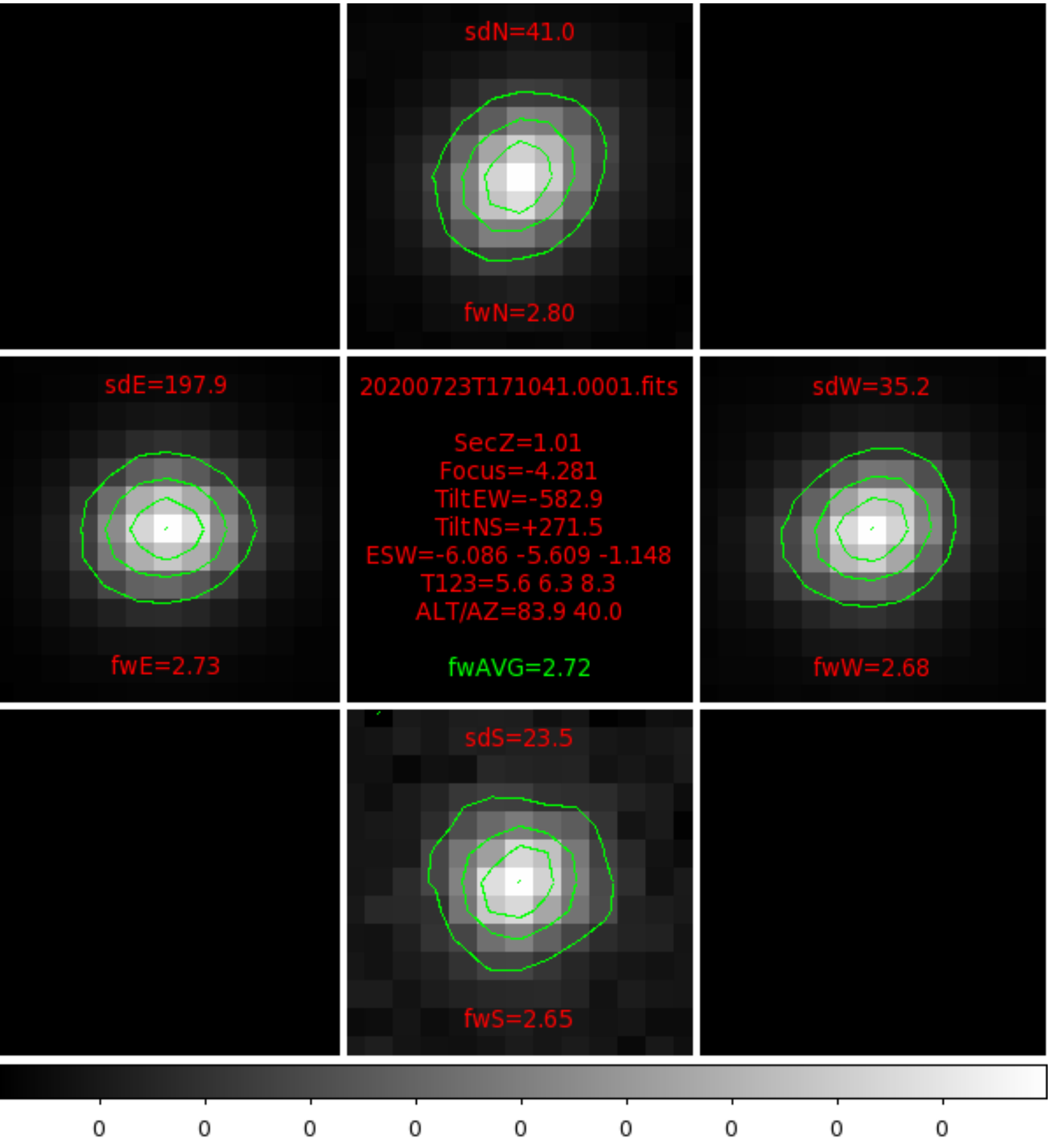
sdN=41.0
fwN=2.80
sdE=197.9
fwE=2.73
20200723T171041.0001.fits
SecZ=1.01
Focus=-4.281
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.086 -5.609 -1.148
T123=5.6 6.3 8.3
ALT/AZ=83.9 40.0
fwAVG=2.72
sdW=35.2
fwW=2.68
sdS=23.5
fwS=2.65
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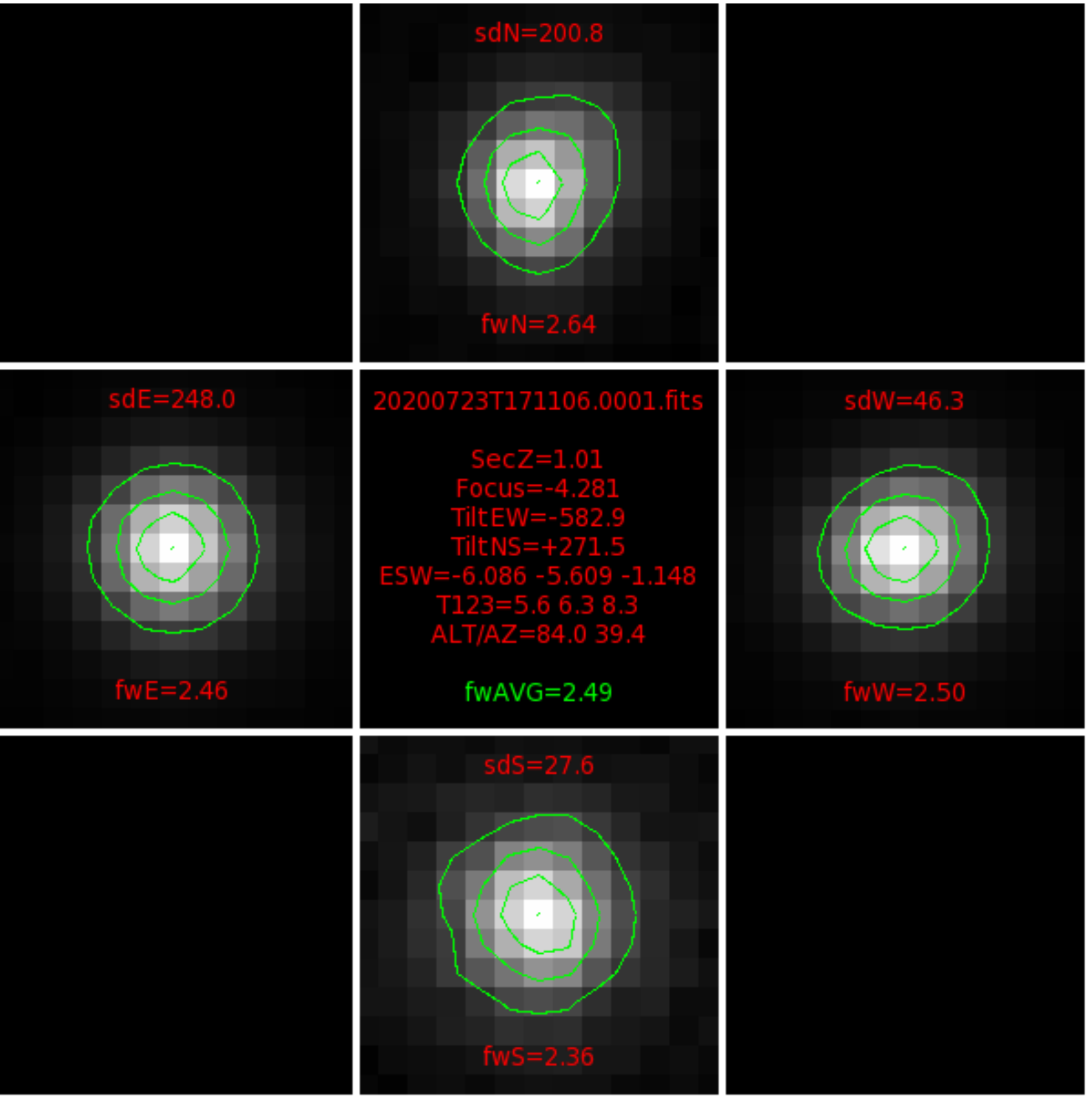
sdN=200.8
fwN=2.64
sdE=248.0
fwE=2.46
20200723T171106.0001.fits
SecZ=1.01
Focus=-4.281
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.086 -5.609 -1.148
T123=5.6 6.3 8.3
ALT/AZ=84.0 39.4
fwAVG=2.49
sdW=46.3
fwW=2.50
sdS=27.6
fwS=2.36
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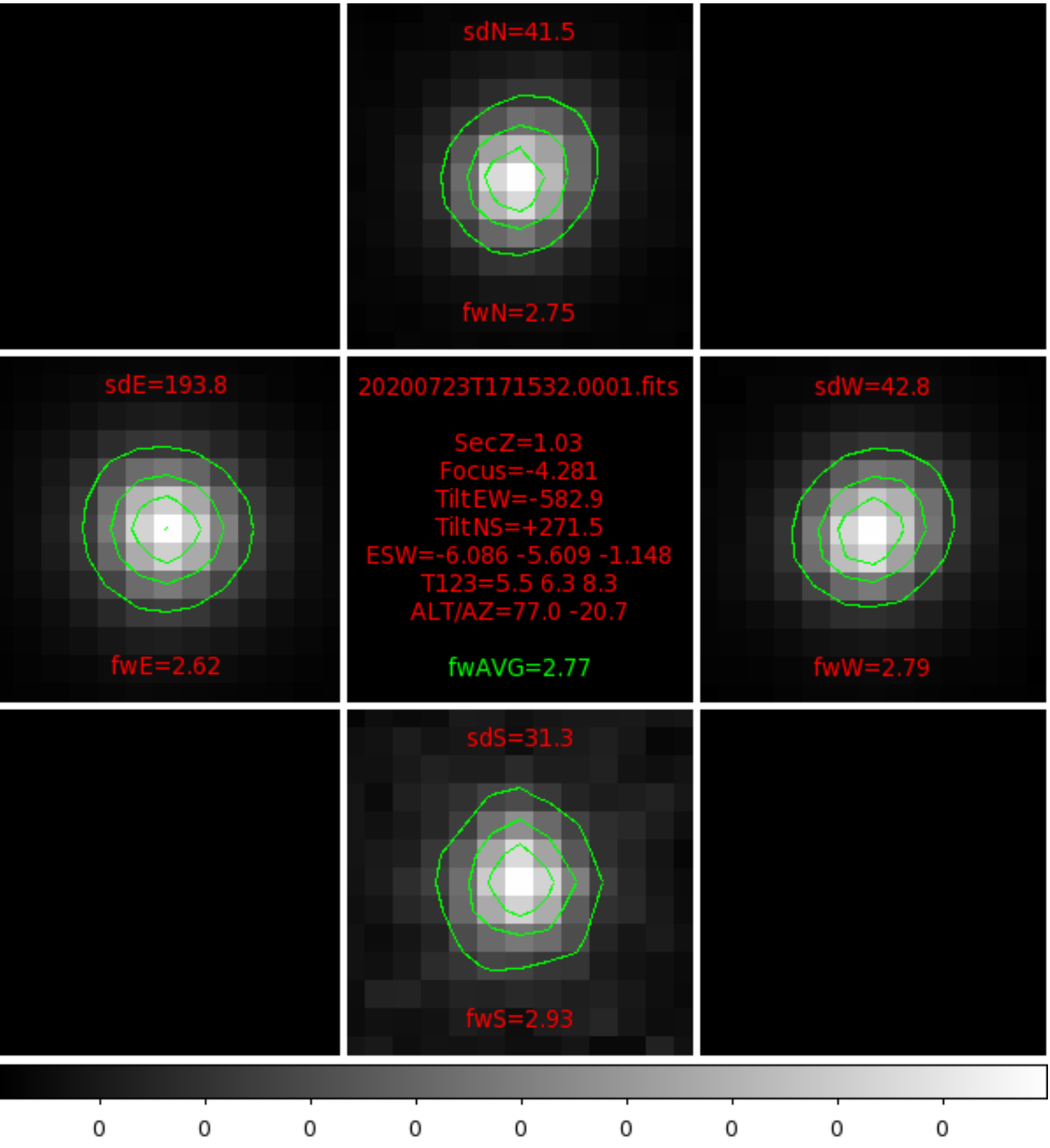
sdN=41.5
fwN=2.75
sdE=193.8
fwE=2.62
20200723T171532.0001.fits
SecZ=1.03
Focus=-4.281
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.086 -5.609 -1.148
T123=5.5 6.3 8.3
ALT/AZ=77.0 -20.7
fwAVG=2.77
sdW=42.8
fwW=2.79
sdS=31.3
fwS=2.93
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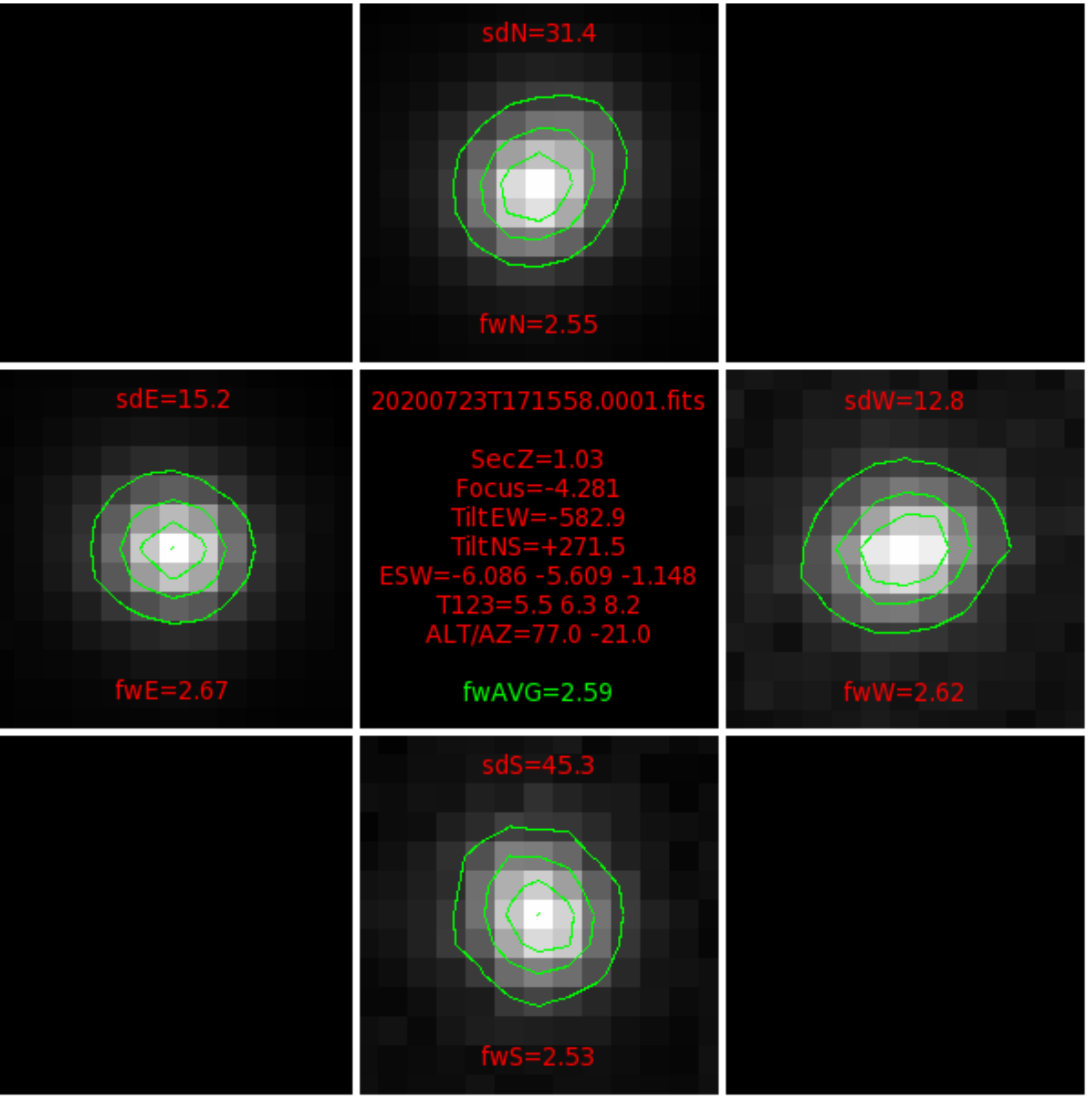
sdN=31.4
fwN=2.55
sdE=15.2
fwE=2.67
20200723T171558.0001.fits
SecZ=1.03
Focus=-4.281
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.086 -5.609 -1.148
T123=5.5 6.3 8.2
ALT/AZ=77.0 -21.0
fwAVG=2.59
sdW=12.8
fwW=2.62
sdS=45.3
fwS=2.53
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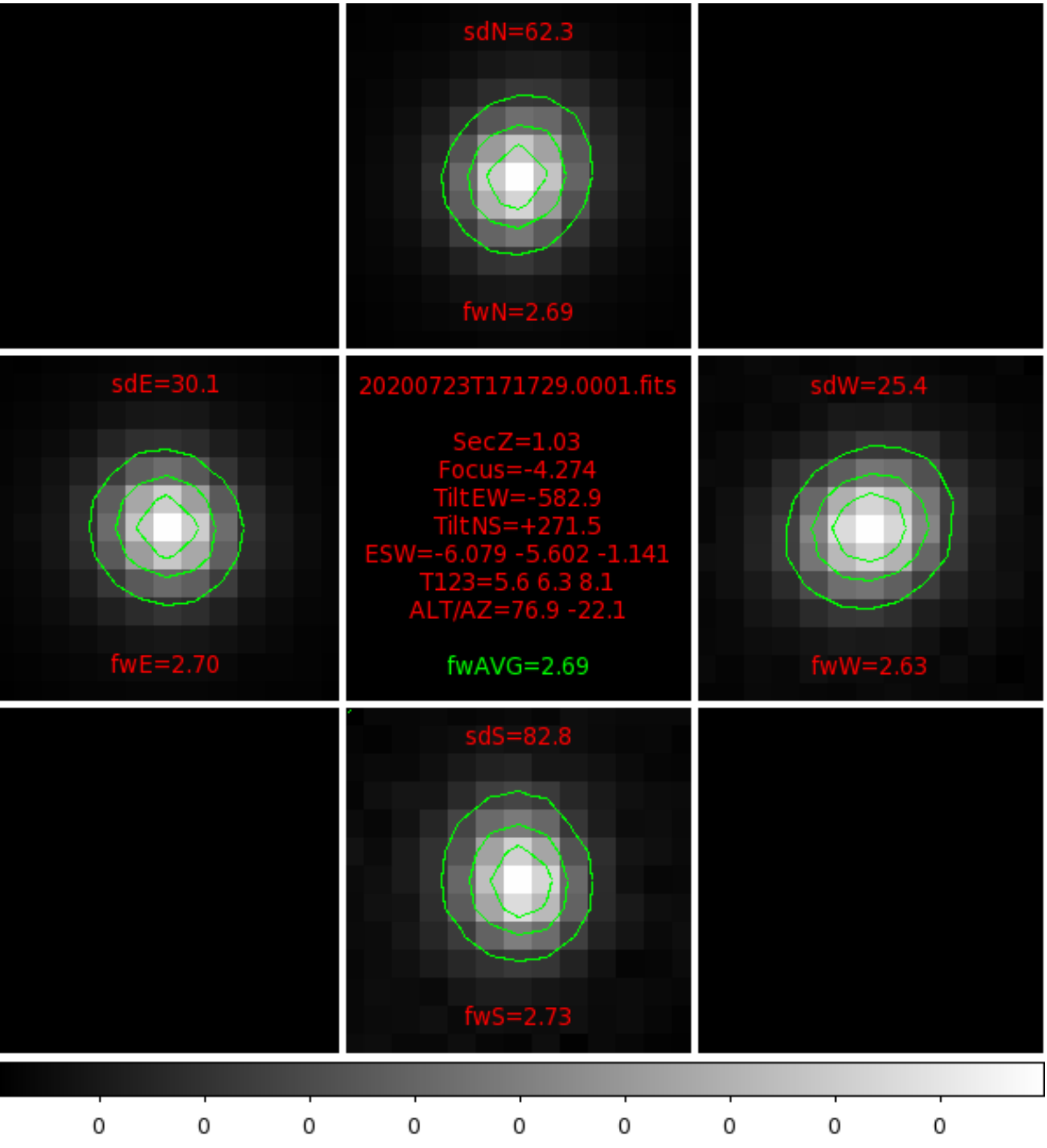
sdN=62.3
fwN=2.69
sdE=30.1
fwE=2.70
20200723T171729.0001.fits
SecZ=1.03
Focus=-4.274
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.079 -5.602 -1.141
T123=5.6 6.3 8.1
ALT/AZ=76.9 -22.1
fwAVG=2.69
sdW=25.4
fwW=2.63
sdS=82.8
fwS=2.73
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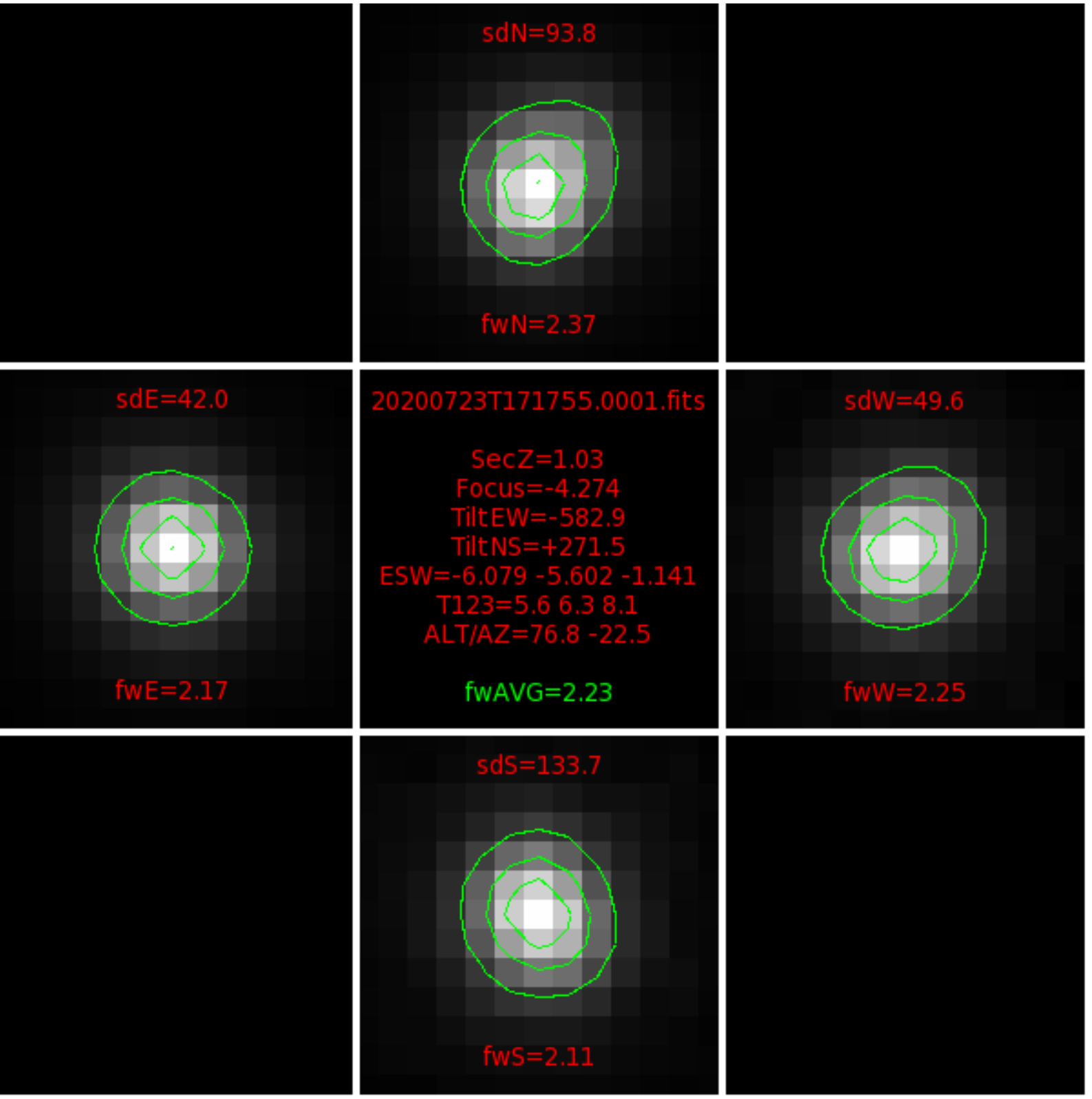
sdN=93.8
fwN=2.37
sdE=42.0
fwE=2.17
20200723T171755.0001.fits
SecZ=1.03
Focus=-4.274
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.079 -5.602 -1.141
T123=5.6 6.3 8.1
ALT/AZ=76.8 -22.5
fwAVG=2.23
sdW=49.6
fwW=2.25
sdS=133.7
fwS=2.11
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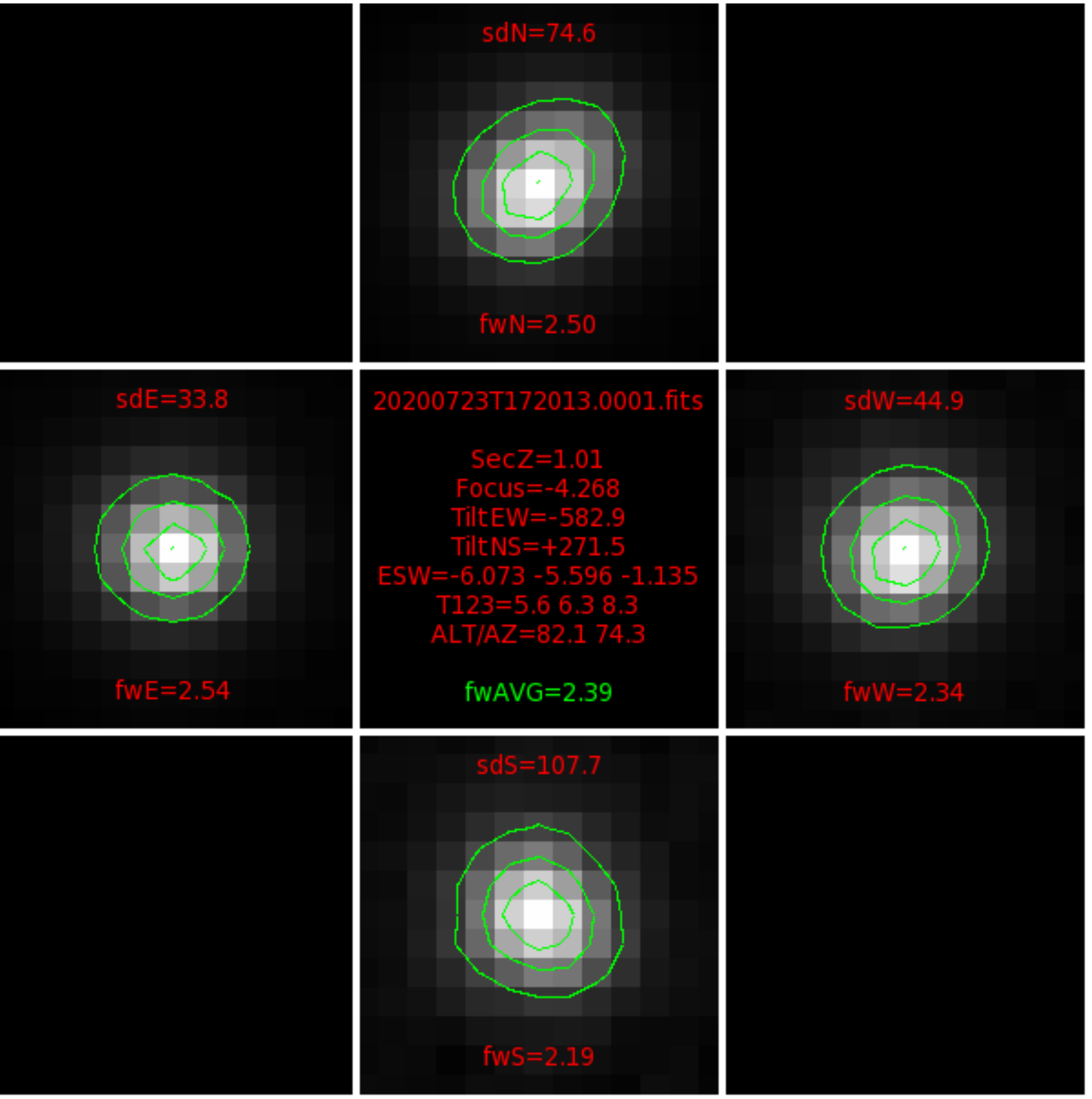
sdN=74.6
fwN=2.50
sdE=33.8
fwE=2.54
20200723T172013.0001.fits
SecZ=1.01
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.6 6.3 8.3
ALT/AZ=82.1 74.3
fwAVG=2.39
sdW=44.9
fwW=2.34
sdS=107.7
fwS=2.19
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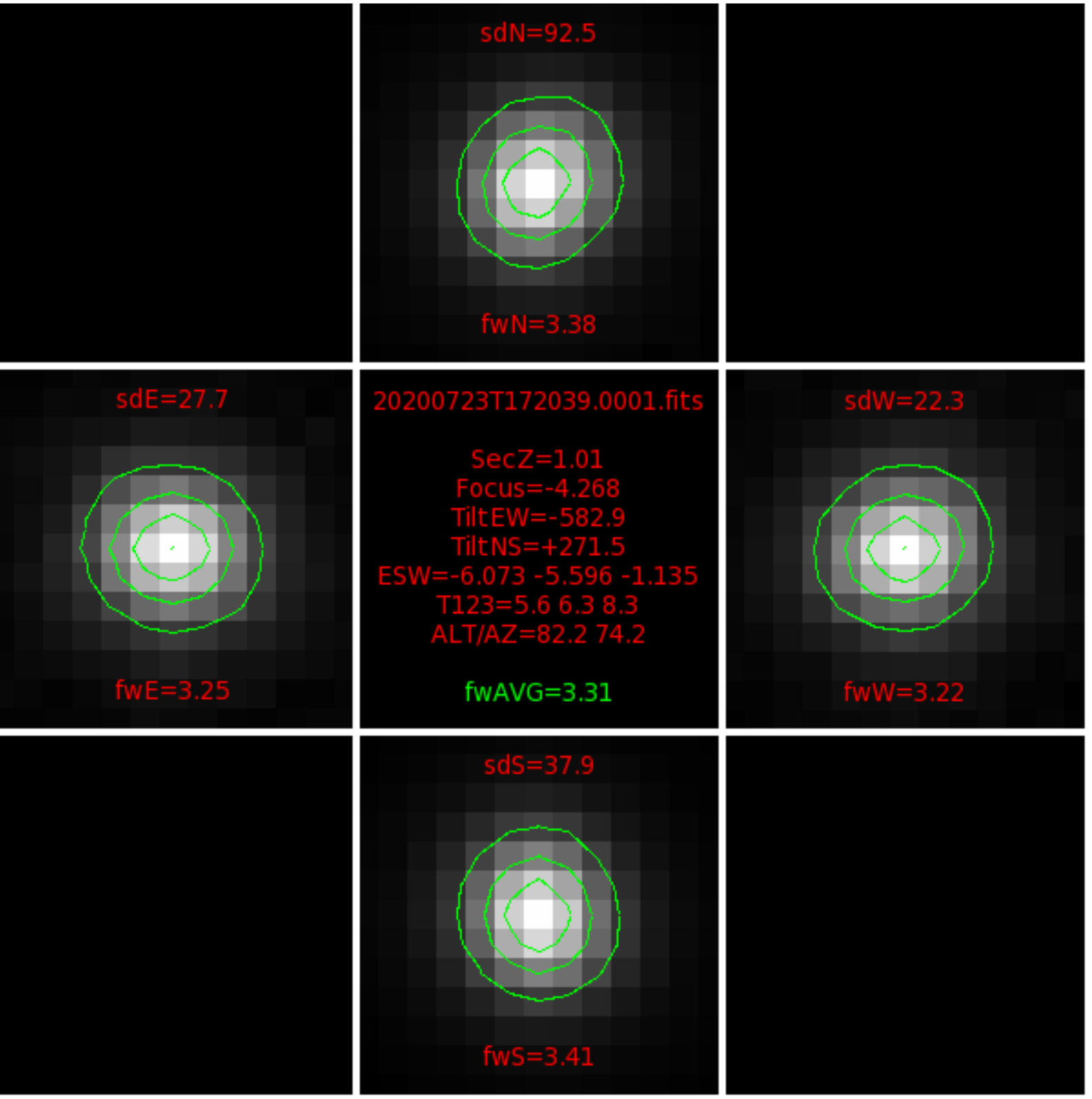
sdN=92.5
fwN=3.38
sdE=27.7
fwE=3.25
20200723T172039.0001.fits
SecZ=1.01
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.6 6.3 8.3
ALT/AZ=82.2 74.2
fwAVG=3.31
sdW=22.3
fwW=3.22
sdS=37.9
fwS=3.41
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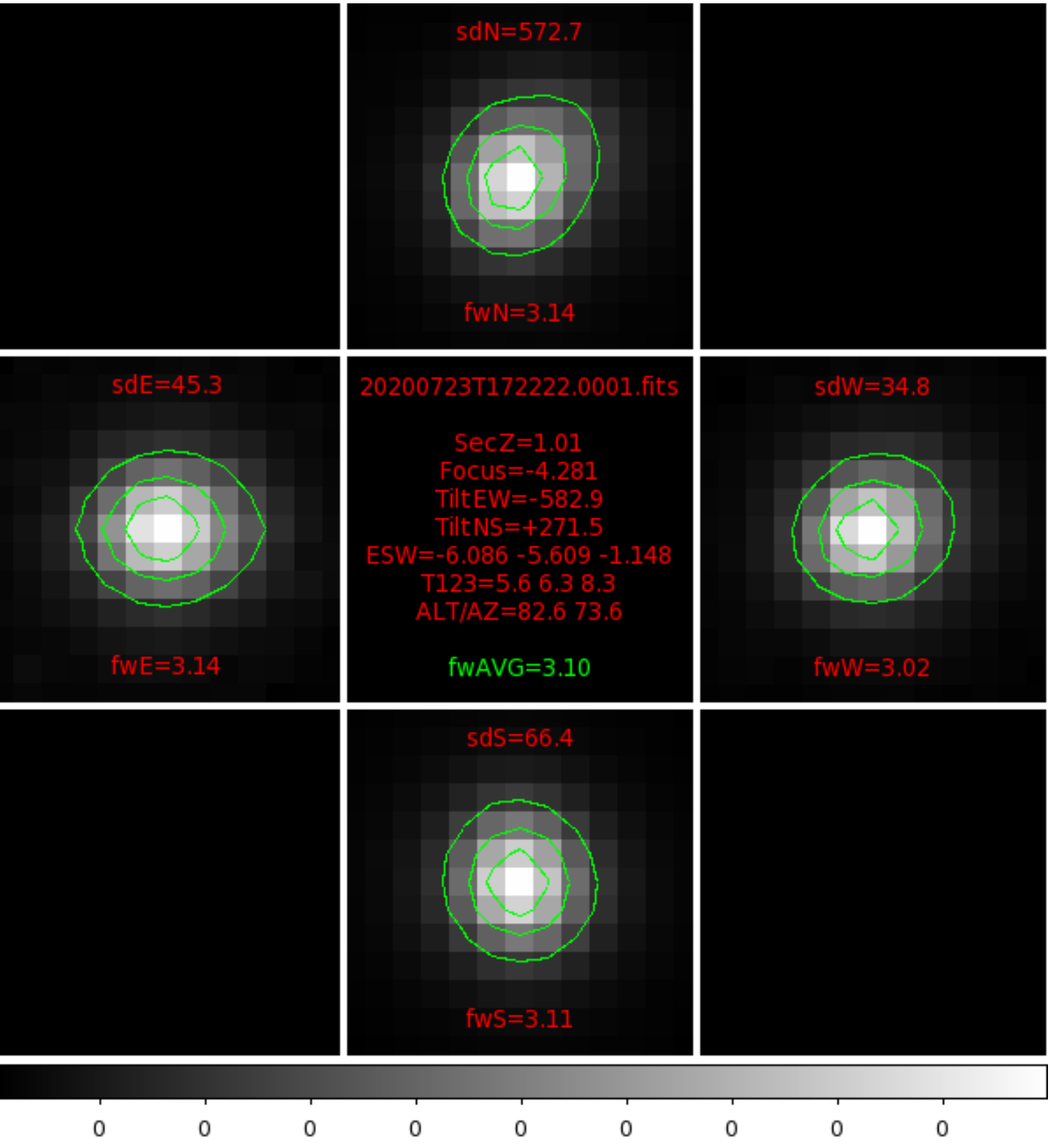
sdN=572.7
fwN=3.14
sdE=45.3
fwE=3.14
20200723T172222.0001.fits
SecZ=1.01
Focus=-4.281
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.086 -5.609 -1.148
T123=5.6 6.3 8.3
ALT/AZ=82.6 73.6
fwAVG=3.10
sdW=34.8
fwW=3.02
sdS=66.4
fwS=3.11
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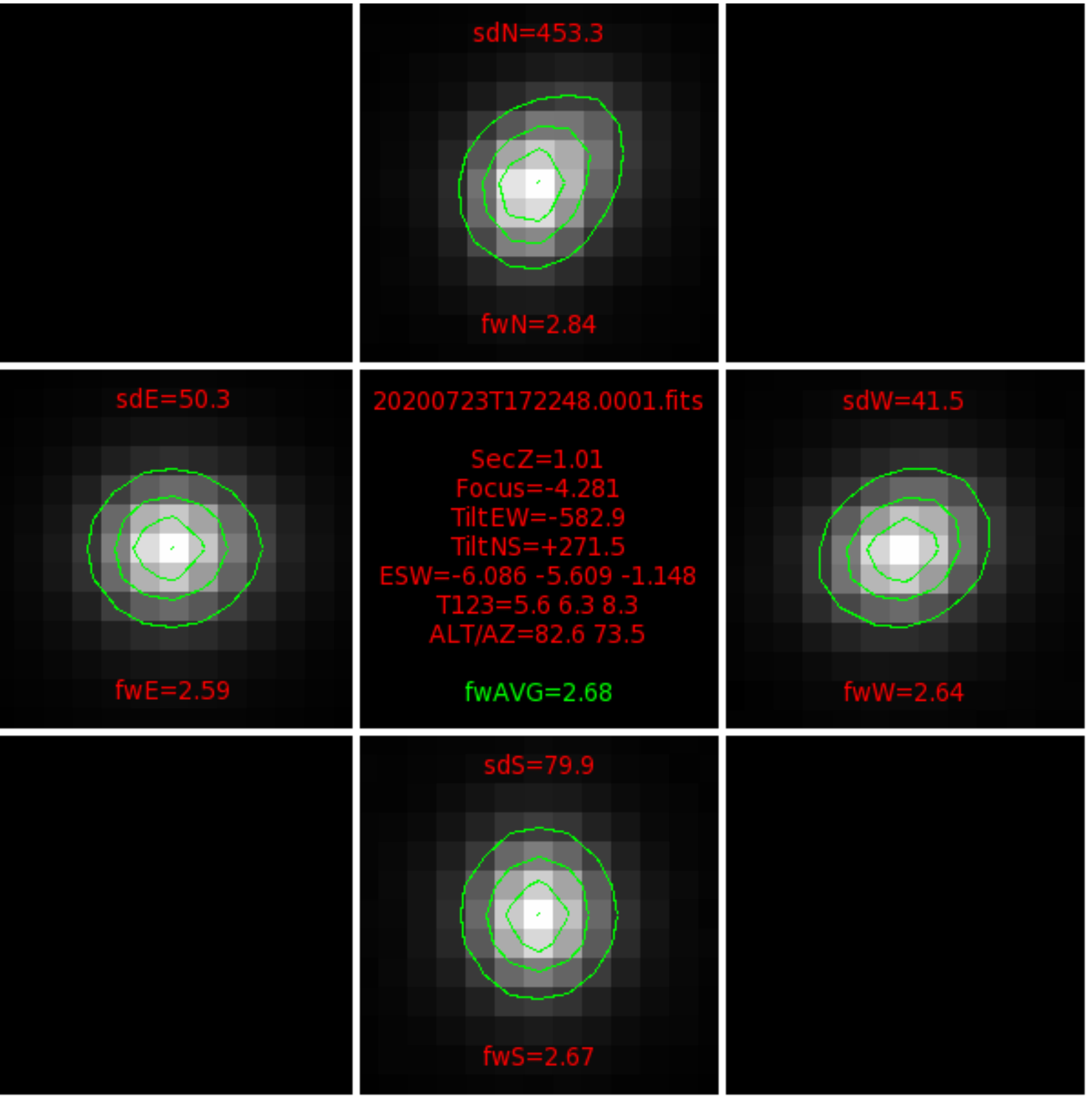
sdN=453.3
fwN=2.84
sdE=50.3
fwE=2.59
20200723T172248.0001.fits
SecZ=1.01
Focus=-4.281
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.086 -5.609 -1.148
T123=5.6 6.3 8.3
ALT/AZ=82.6 73.5
fwAVG=2.68
sdW=41.5
fwW=2.64
sdS=79.9
fwS=2.67
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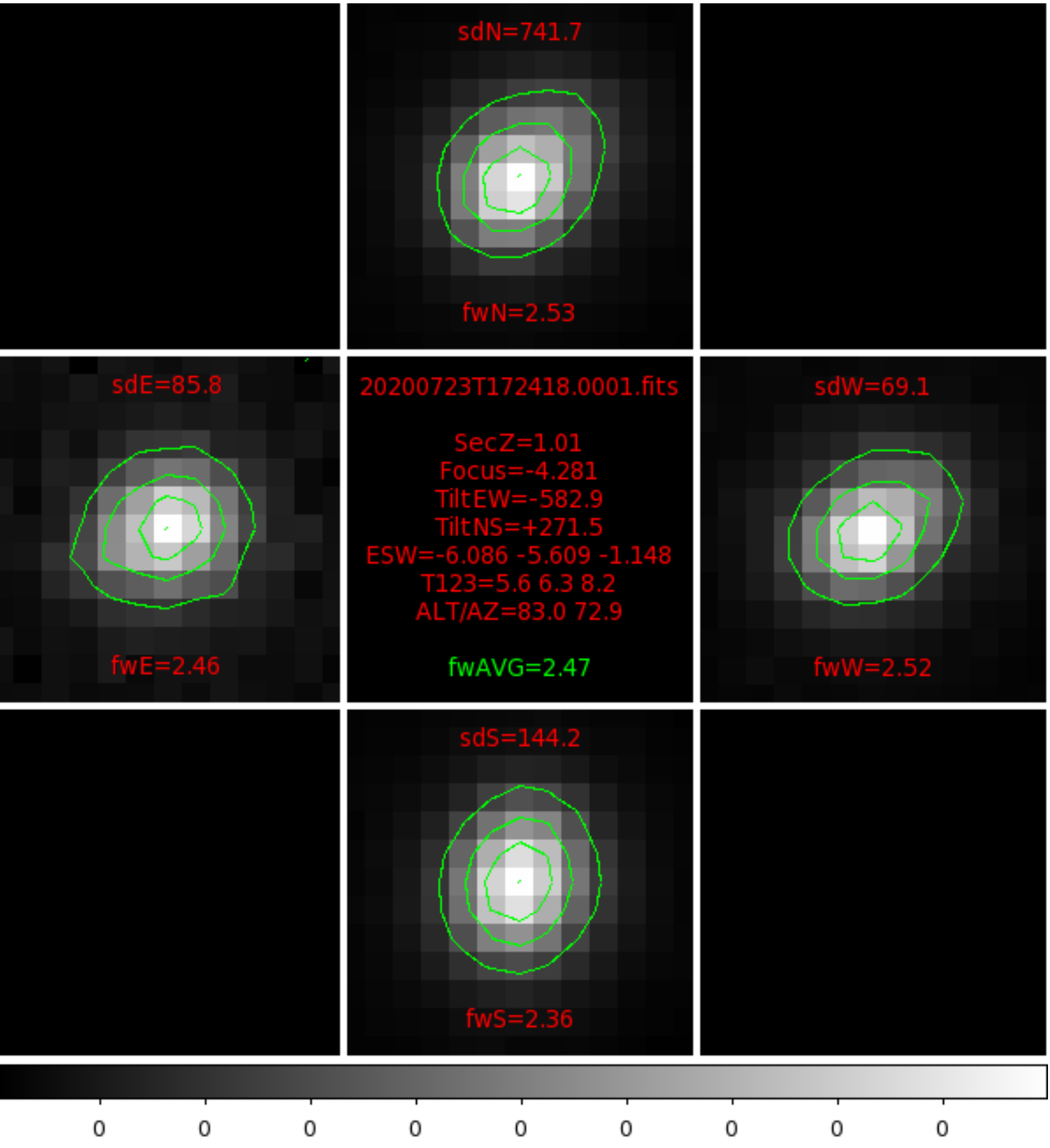
sdN=741.7
fwN=2.53
sdE=85.8
fwE=2.46
20200723T172418.0001.fits
SecZ=1.01
Focus=-4.281
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.086 -5.609 -1.148
T123=5.6 6.3 8.2
ALT/AZ=83.0 72.9
fwAVG=2.47
sdW=69.1
fwW=2.52
sdS=144.2
fwS=2.36
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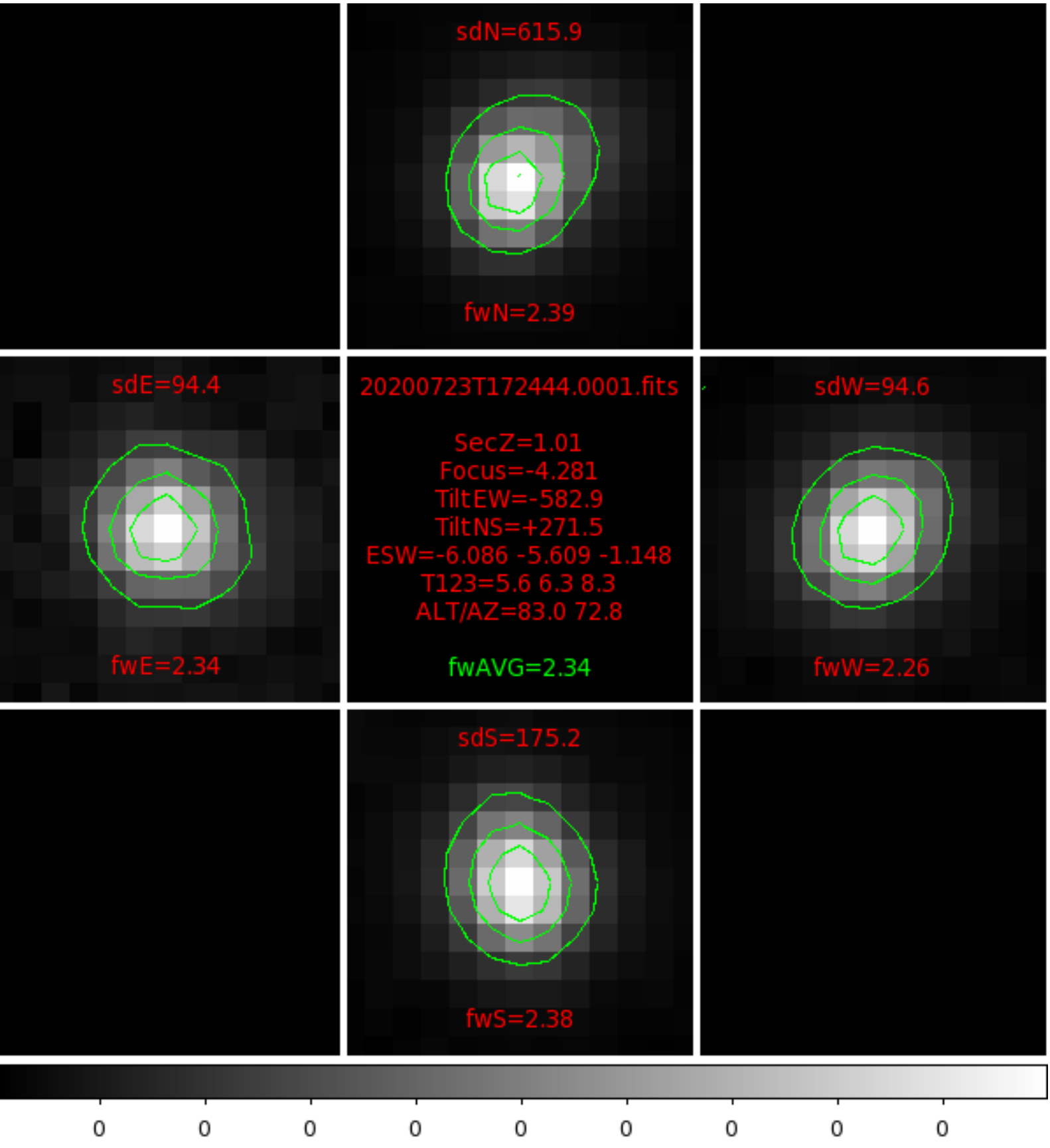
sdN=615.9
fwN=2.39
sdE=94.4
fwE=2.34
20200723T172444.0001.fits
SecZ=1.01
Focus=-4.281
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.086 -5.609 -1.148
T123=5.6 6.3 8.3
ALT/AZ=83.0 72.8
fwAVG=2.34
sdW=94.6
fwW=2.26
sdS=175.2
fwS=2.38
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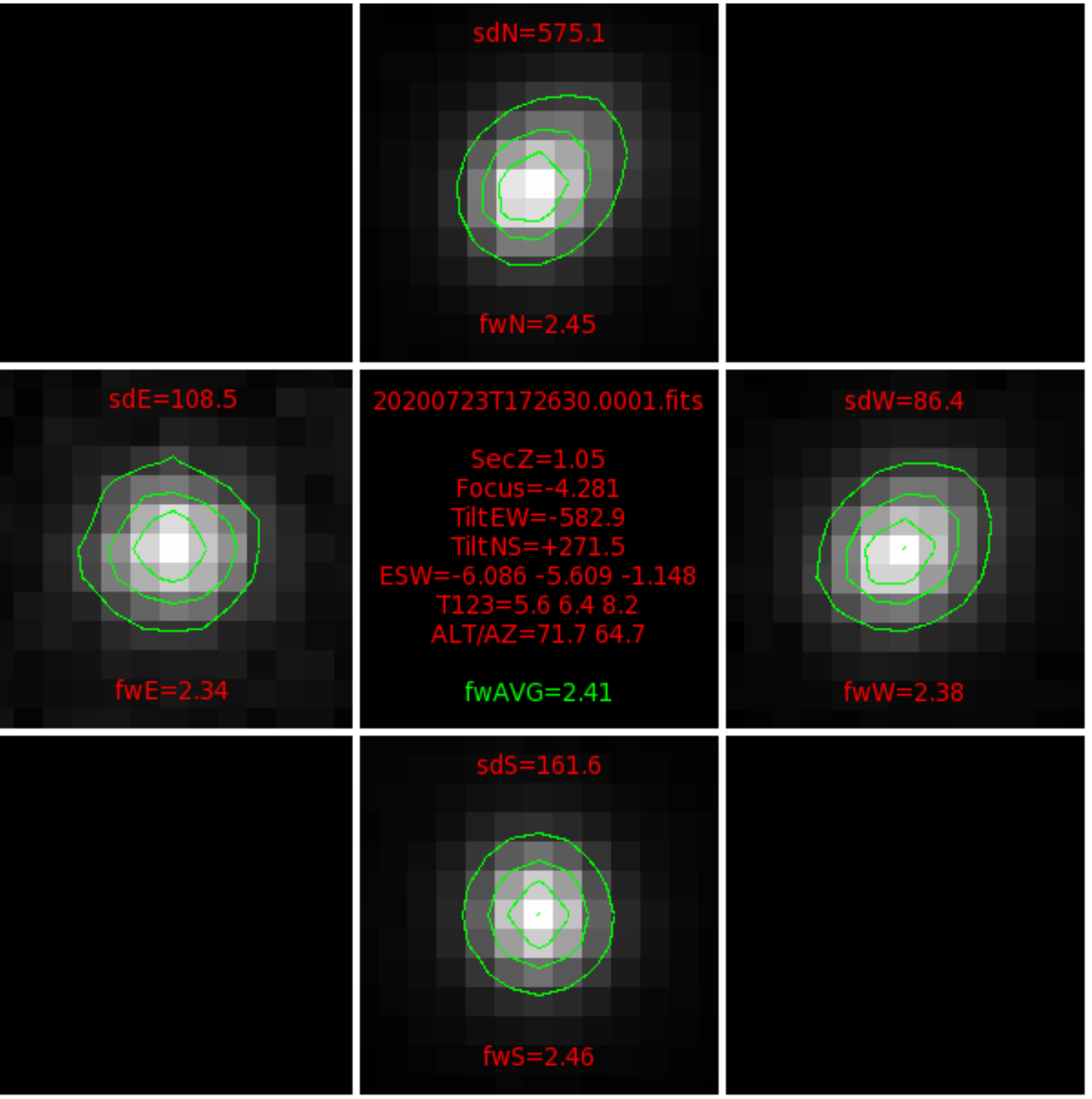
sdN=575.1
fwN=2.45
sdE=108.5
fwE=2.34
20200723T172630.0001.fits
SecZ=1.05
Focus=-4.281
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.086 -5.609 -1.148
T123=5.6 6.4 8.2
ALT/AZ=71.7 64.7
fwAVG=2.41
sdW=86.4
fwW=2.38
sdS=161.6
fwS=2.46
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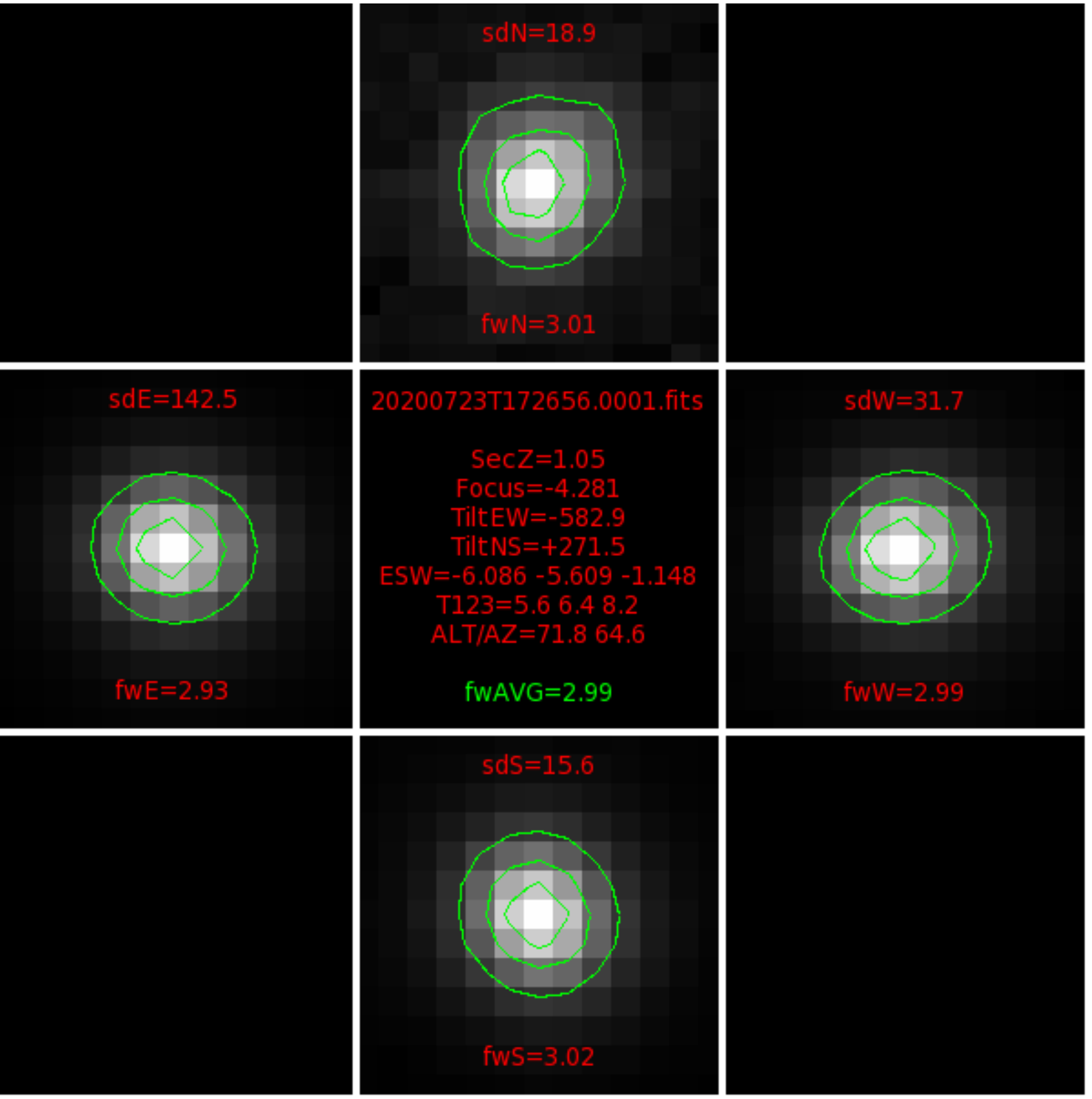
sdN=18.9
fwN=3.01
sdE=142.5
20200723T172656.0001.fits
SecZ=1.05
Focus=-4.281
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.086 -5.609 -1.148
T123=5.6 6.4 8.2
ALT/AZ=71.8 64.6
fwAVG=2.99
sdW=31.7
fwE=2.93
fwW=2.99
sdS=15.6
fwS=3.02
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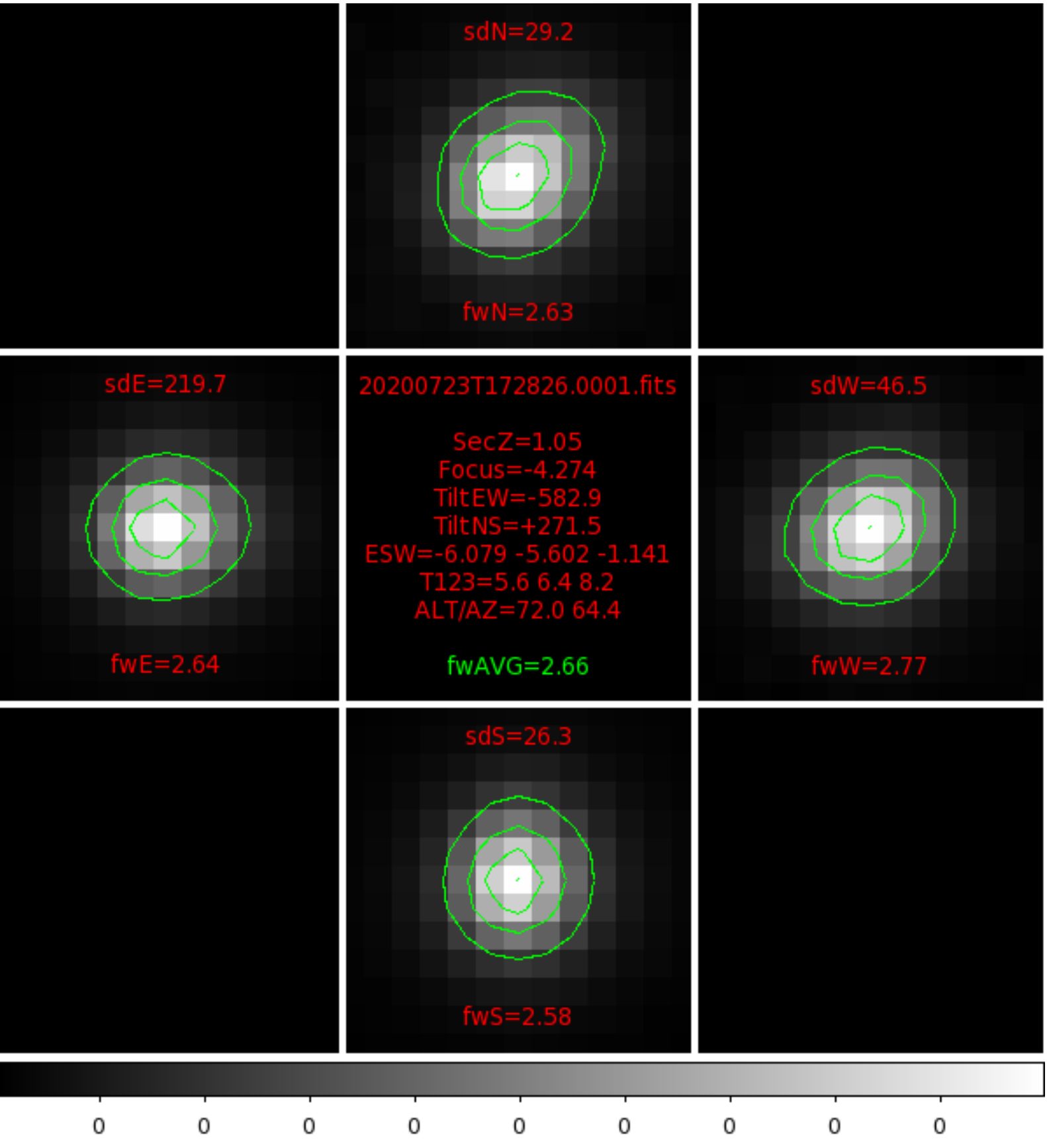
sdN=29.2
fwN=2.63
sdE=219.7
fwE=2.64
20200723T172826.0001.fits
SecZ=1.05
Focus=-4.274
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.079 -5.602 -1.141
T123=5.6 6.4 8.2
ALT/AZ=72.0 64.4
fwAVG=2.66
sdW=46.5
fwW=2.77
sdS=26.3
fwS=2.58
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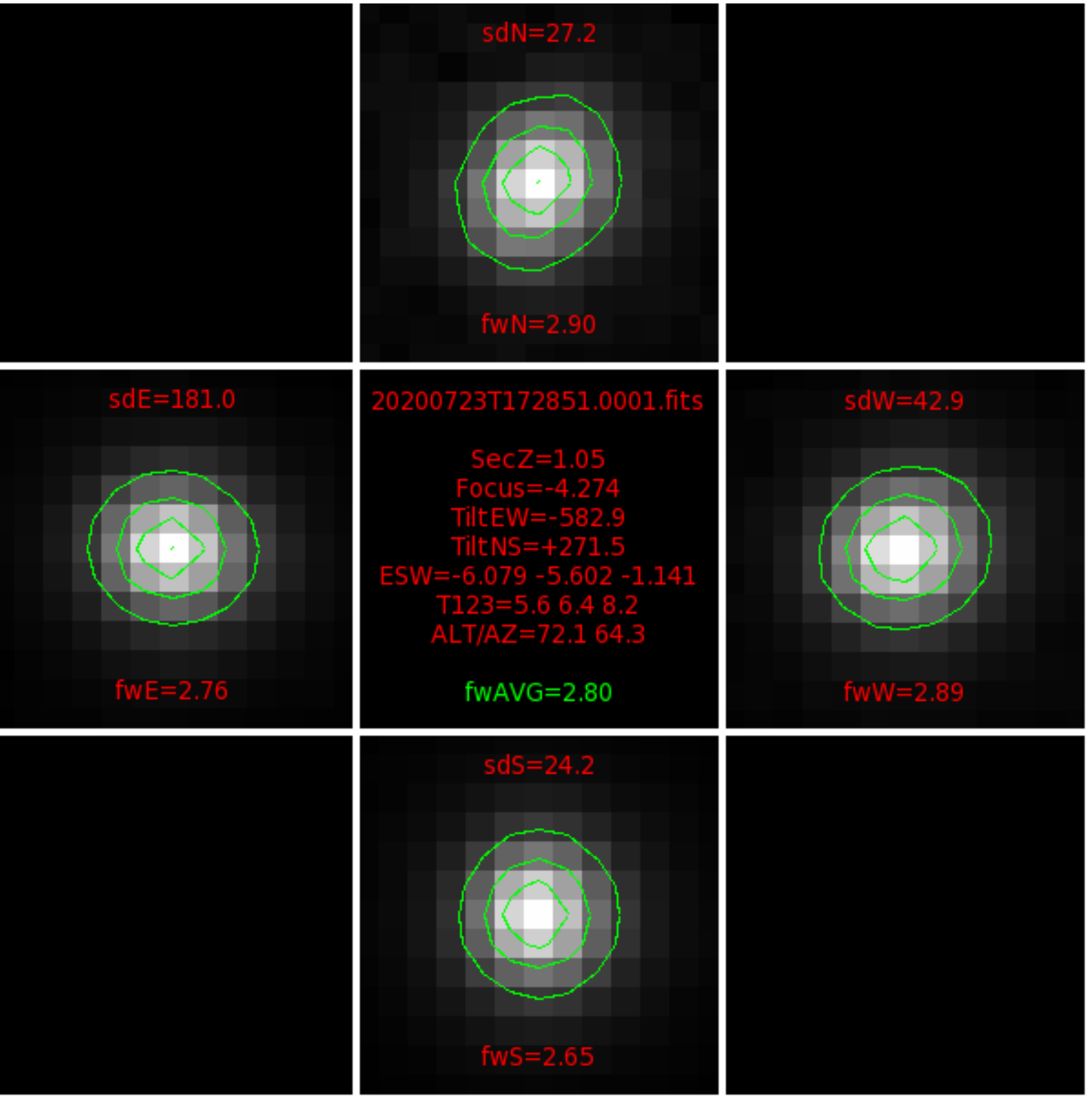
sdN=27.2
fwN=2.90
sdE=181.0
fwE=2.76
20200723T172851.0001.fits
SecZ=1.05
Focus=-4.274
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.079 -5.602 -1.141
T123=5.6 6.4 8.2
ALT/AZ=72.1 64.3
fwAVG=2.80
sdW=42.9
fwW=2.89
sdS=24.2
fwS=2.65
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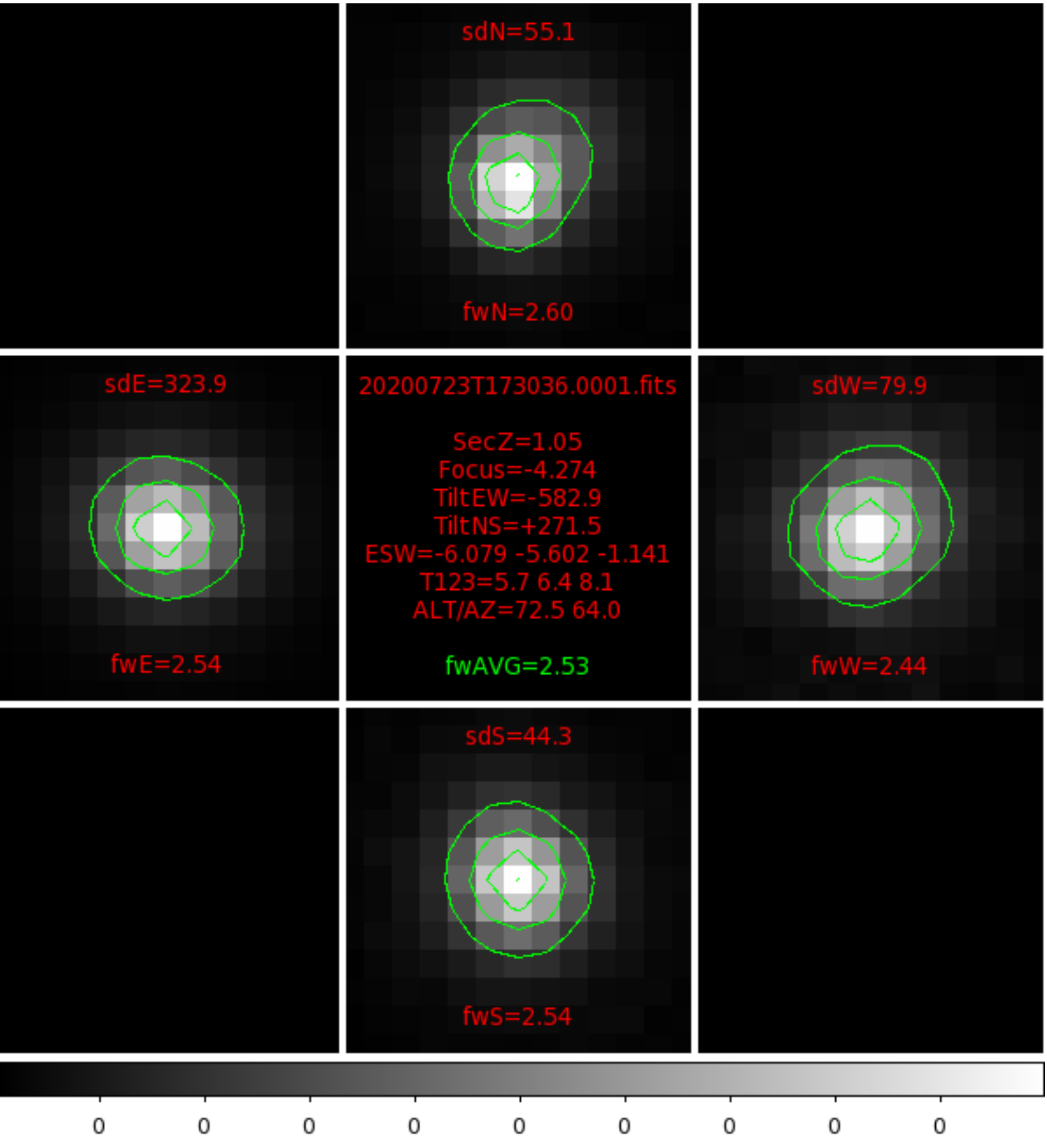
sdN=55.1
fwN=2.60
sdE=323.9
fwE=2.54
20200723T173036.0001.fits
SecZ=1.05
Focus=-4.274
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.079 -5.602 -1.141
T123=5.7 6.4 8.1
ALT/AZ=72.5 64.0
fwAVG=2.53
sdW=79.9
fwW=2.44
sdS=44.3
fwS=2.54
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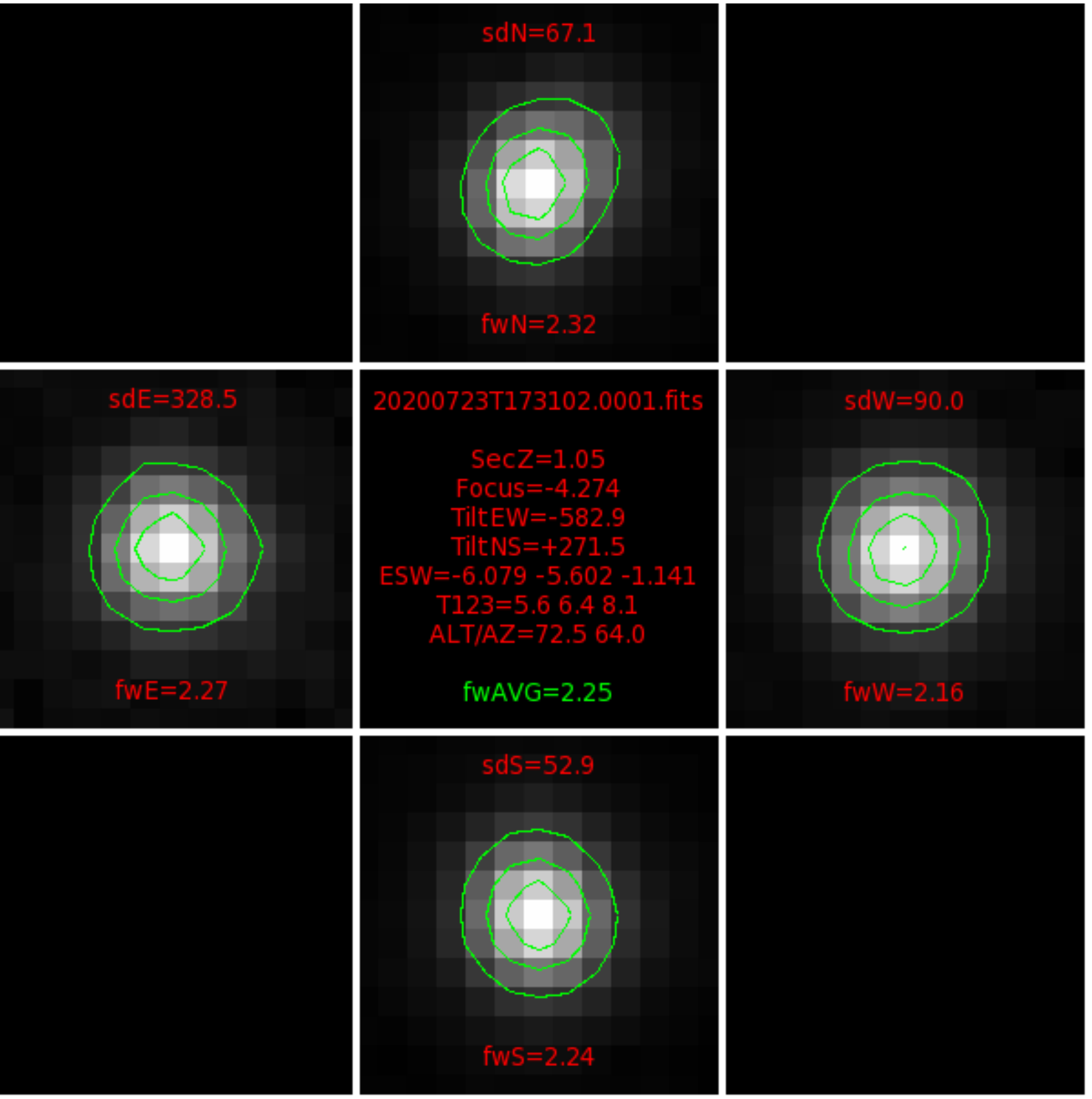
sdN=67.1
fwN=2.32
sdE=328.5
fwE=2.27
20200723T173102.0001.fits
SecZ=1.05
Focus=-4.274
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.079 -5.602 -1.141
T123=5.6 6.4 8.1
ALT/AZ=72.5 64.0
fwAVG=2.25
sdW=90.0
fwW=2.16
sdS=52.9
fwS=2.24
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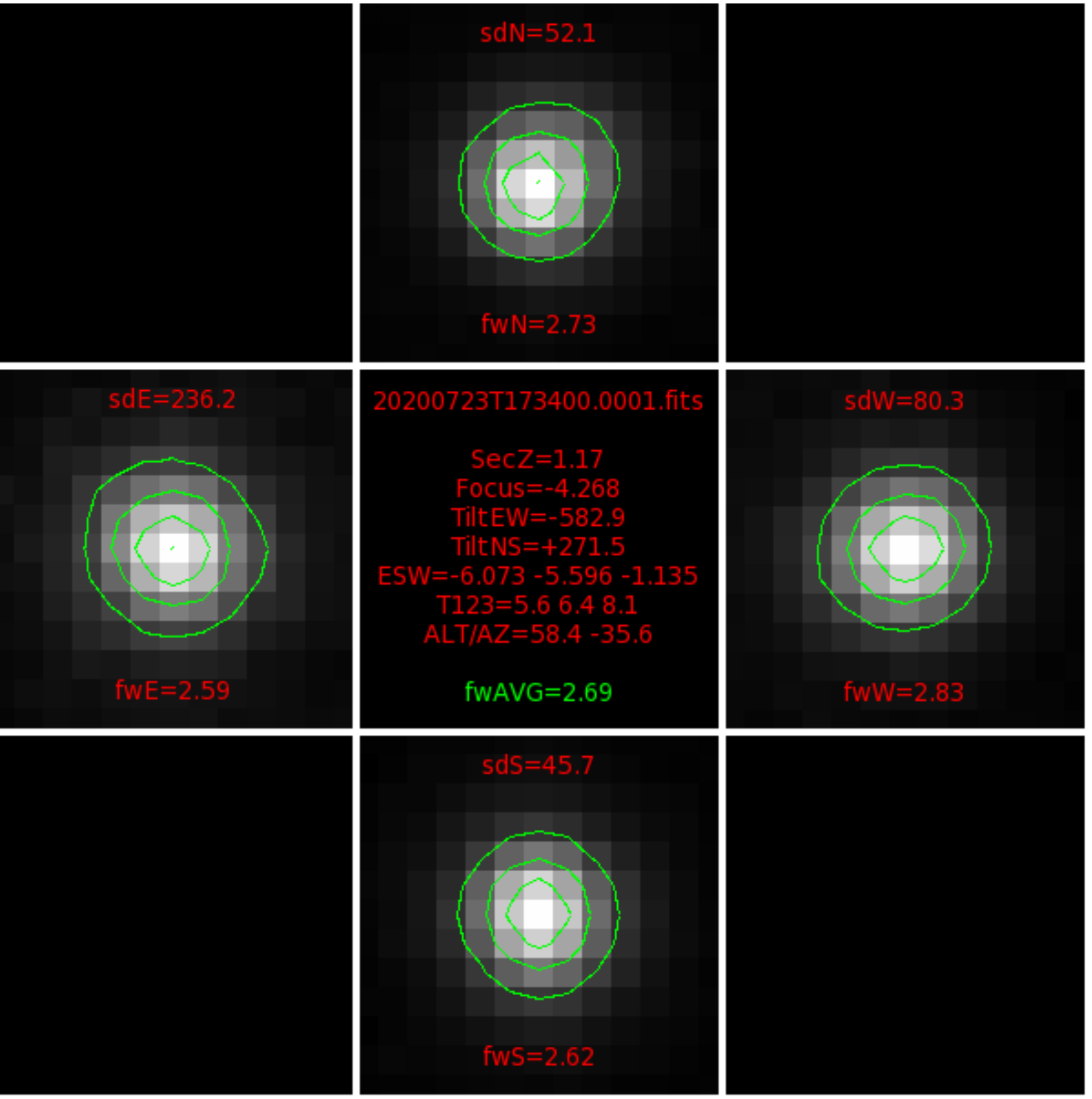
sdN=52.1
fwN=2.73
sdE=236.2
fwE=2.59
20200723T173400.0001.fits
SecZ=1.17
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.6 6.4 8.1
ALT/AZ=58.4 -35.6
fwAVG=2.69
sdW=80.3
fwW=2.83
sdS=45.7
fwS=2.62
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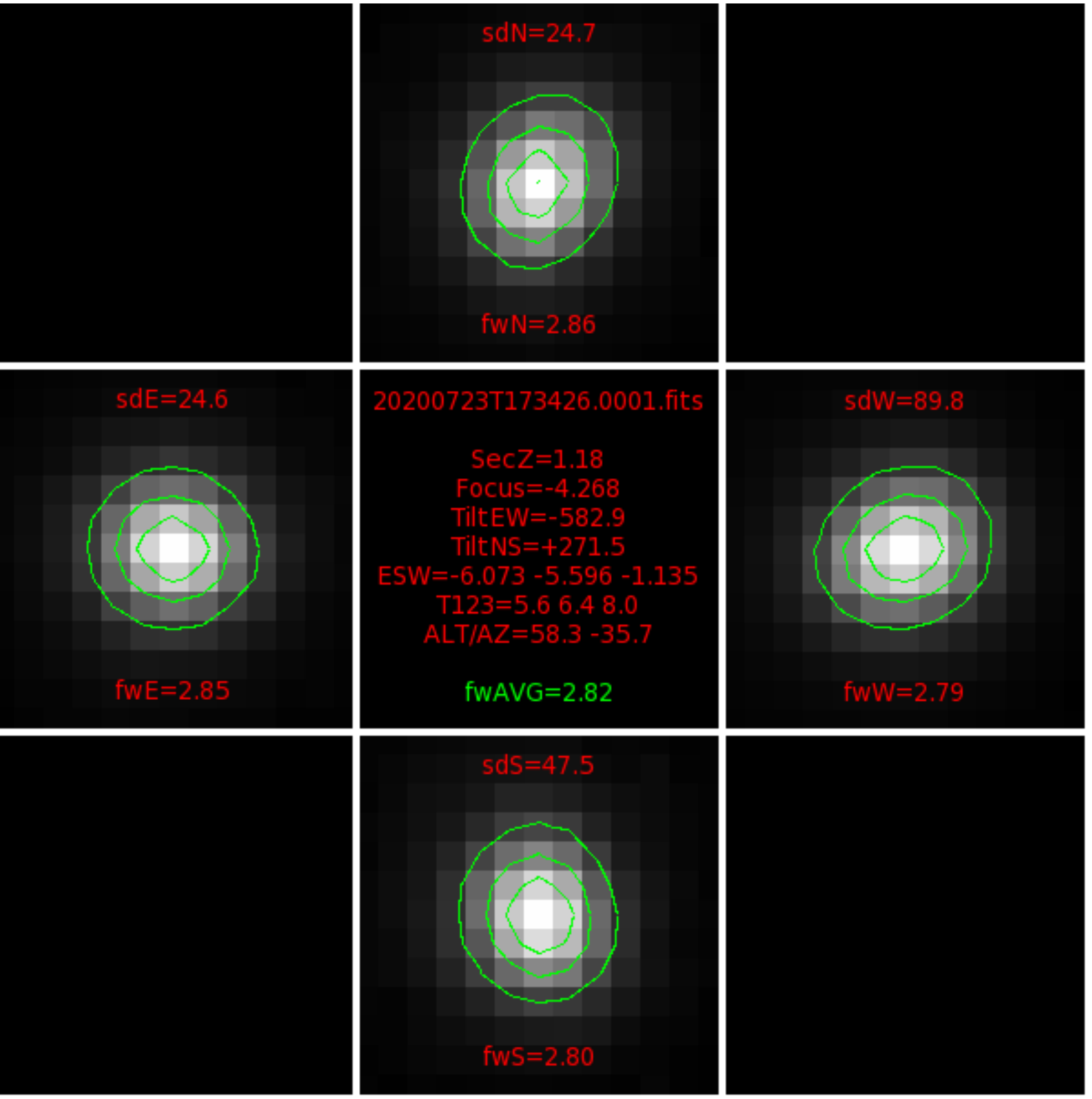
sdN=24.7
fwN=2.86
sdE=24.6
fwE=2.85
20200723T173426.0001.fits
SecZ=1.18
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.6 6.4 8.0
ALT/AZ=58.3 -35.7
fwAVG=2.82
sdW=89.8
fwW=2.79
sdS=47.5
fwS=2.80
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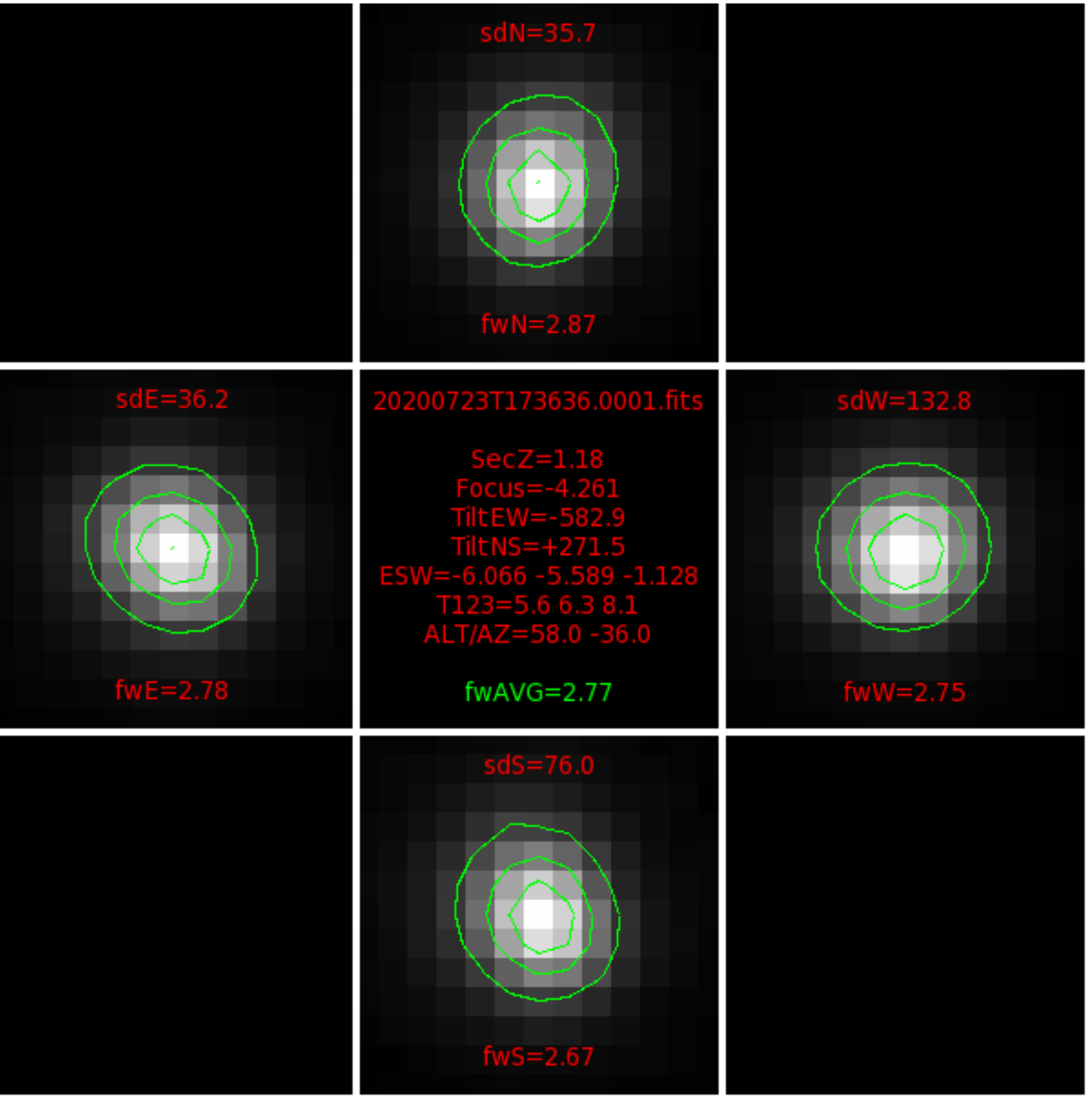
sdN=35.7
fwN=2.87
sdE=36.2
fwE=2.78
20200723T173636.0001.fits
SecZ=1.18
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.6 6.3 8.1
ALT/AZ=58.0 -36.0
fwAVG=2.77
sdW=132.8
fwW=2.75
sdS=76.0
fwS=2.67
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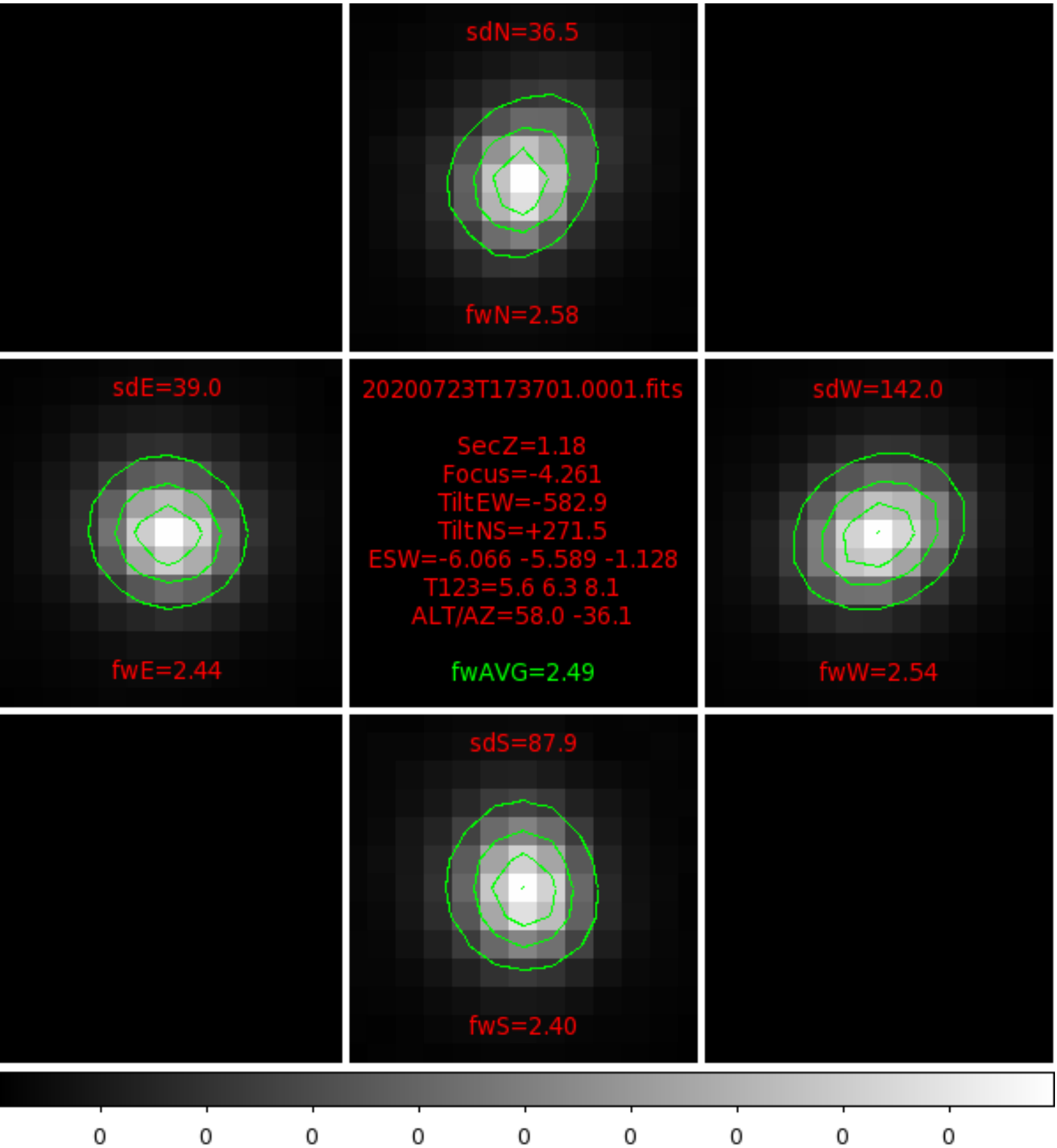
sdN=36.5
fwN=2.58
sdE=39.0
fwE=2.44
20200723T173701.0001.fits
SecZ=1.18
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.6 6.3 8.1
ALT/AZ=58.0 -36.1
fwAVG=2.49
sdW=142.0
fwW=2.54
sdS=87.9
fwS=2.40
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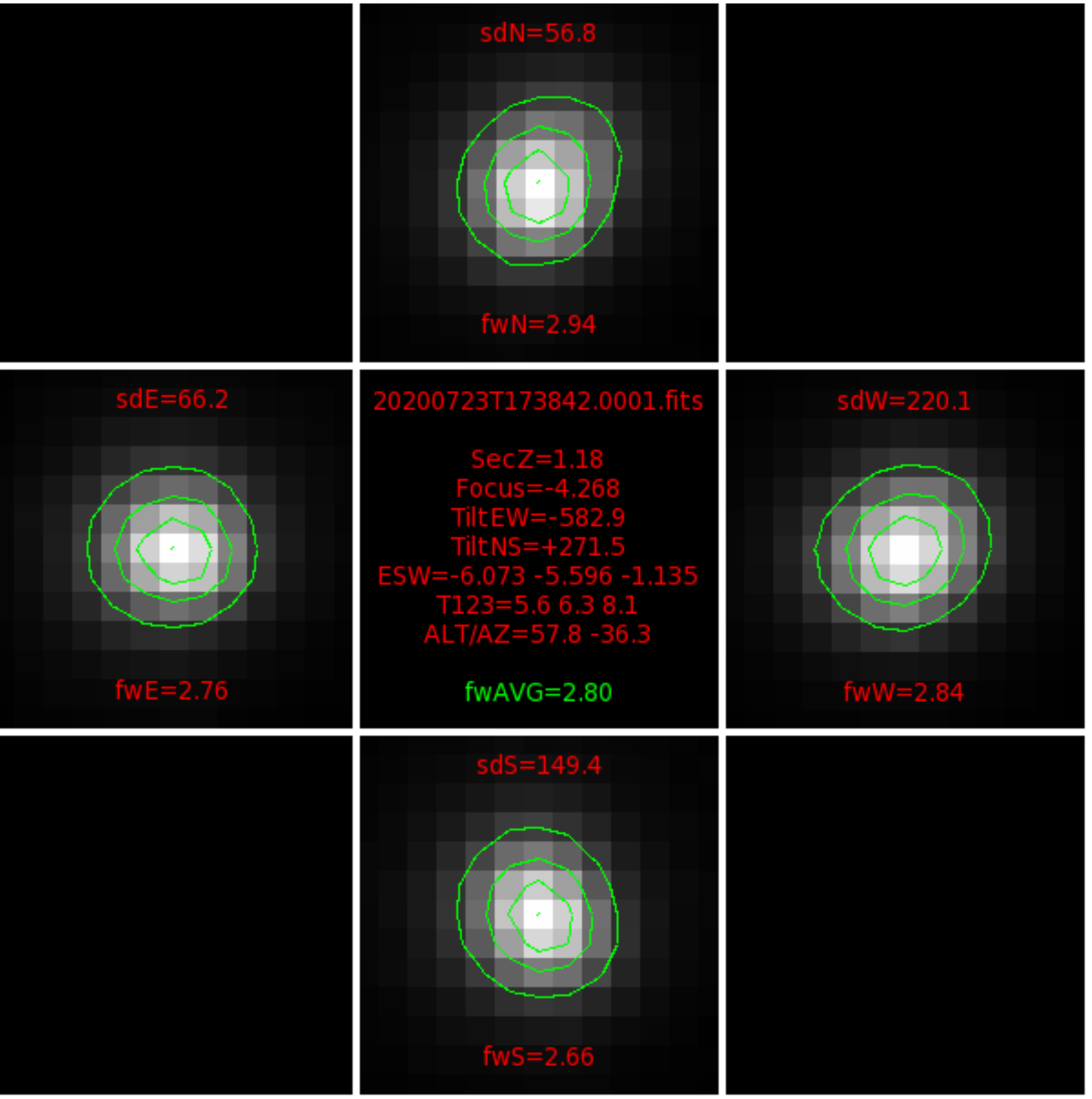
sdN=56.8
fwN=2.94
sdE=66.2
fwE=2.76
20200723T173842.0001.fits
SecZ=1.18
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.6 6.3 8.1
ALT/AZ=57.8 -36.3
fwAVG=2.80
sdW=220.1
fwW=2.84
sdS=149.4
fwS=2.66
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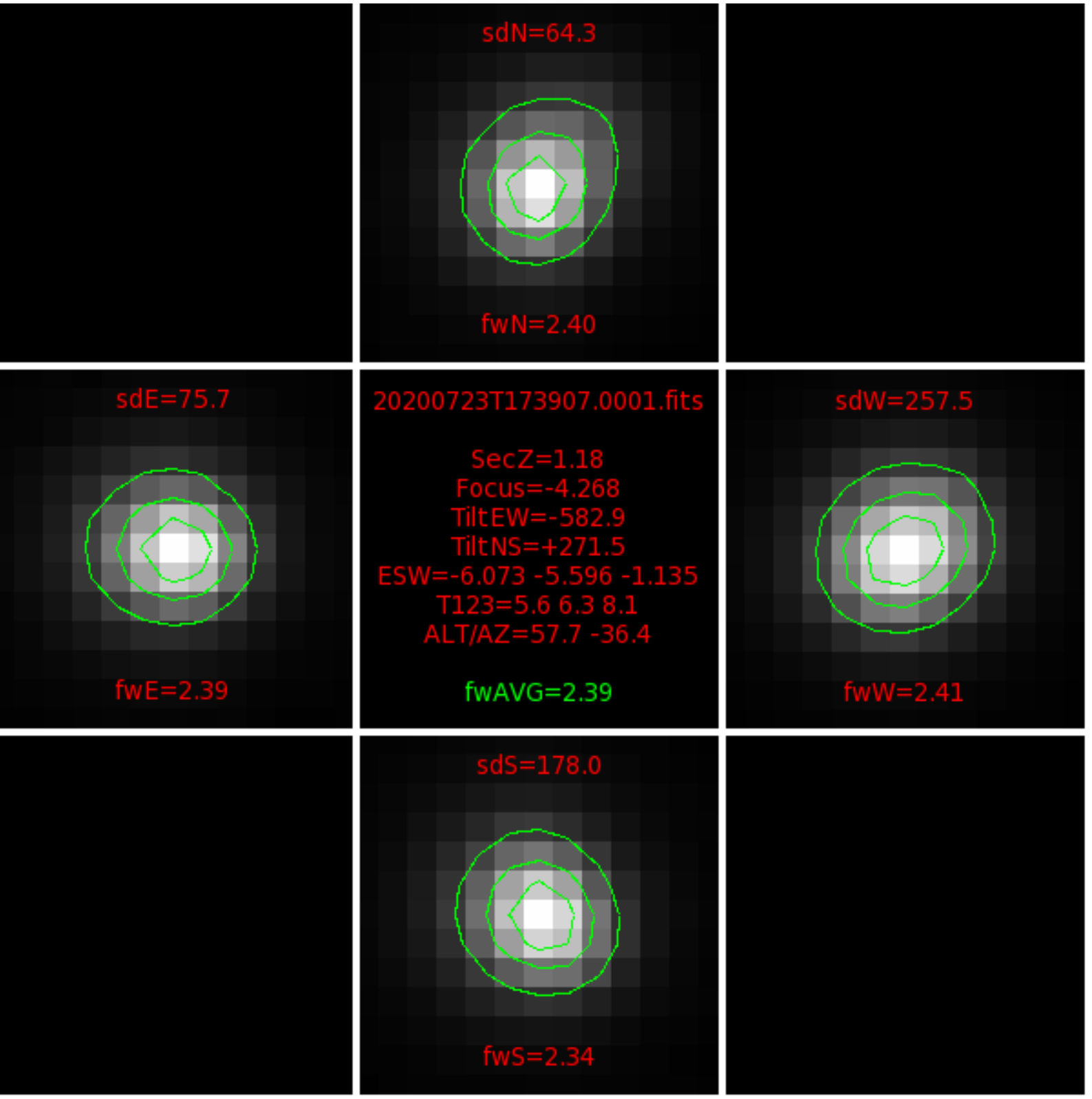
sdN=64.3
fwN=2.40
sdE=75.7
fwE=2.39
20200723T173907.0001.fits
SecZ=1.18
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.6 6.3 8.1
ALT/AZ=57.7 -36.4
fwAVG=2.39
sdW=257.5
fwW=2.41
sdS=178.0
fwS=2.34
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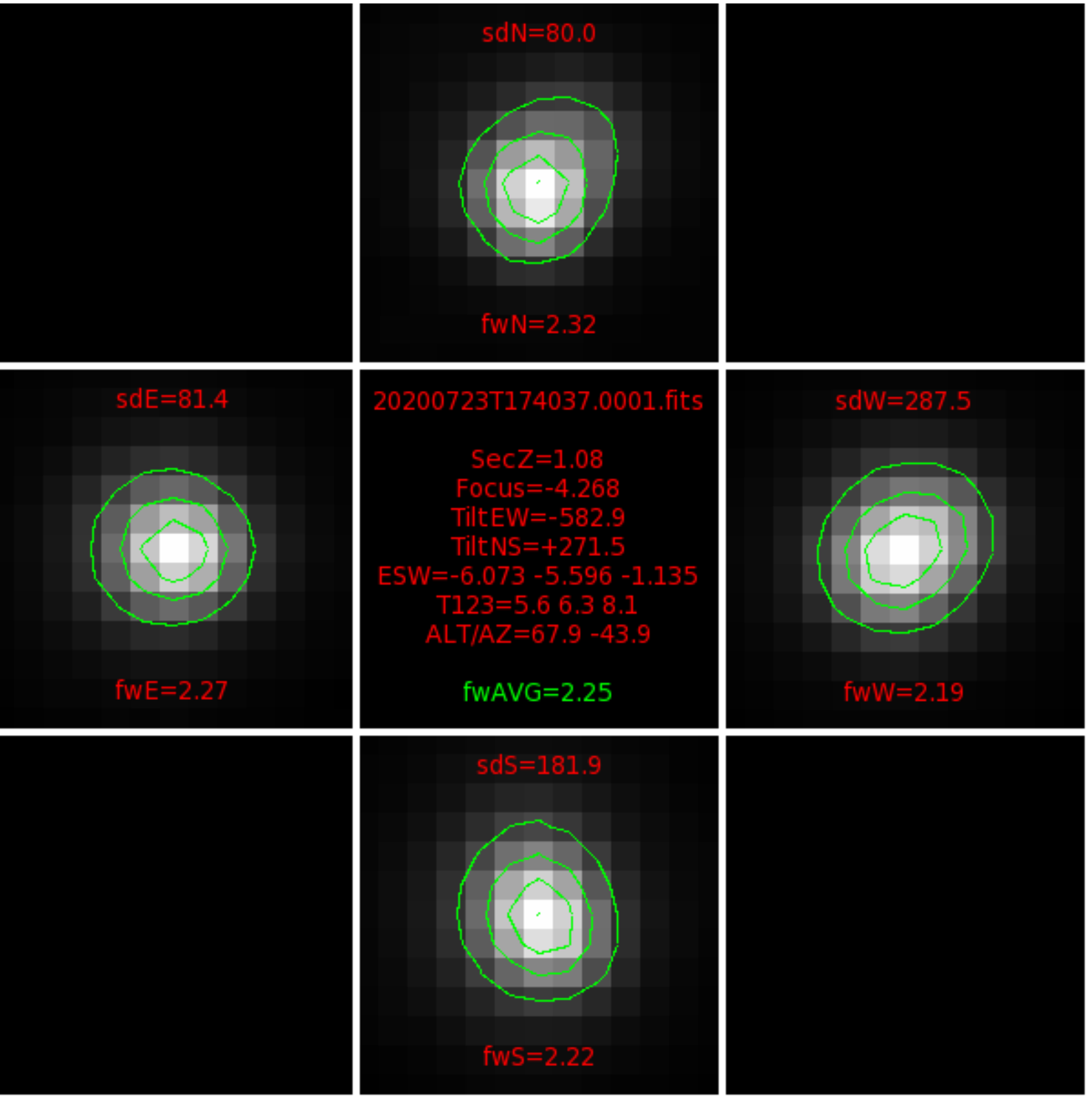
sdN=80.0
fwN=2.32
sdE=81.4
fwE=2.27
20200723T174037.0001.fits
SecZ=1.08
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.6 6.3 8.1
ALT/AZ=67.9 -43.9
fwAVG=2.25
sdW=287.5
fwW=2.19
sdS=181.9
fwS=2.22
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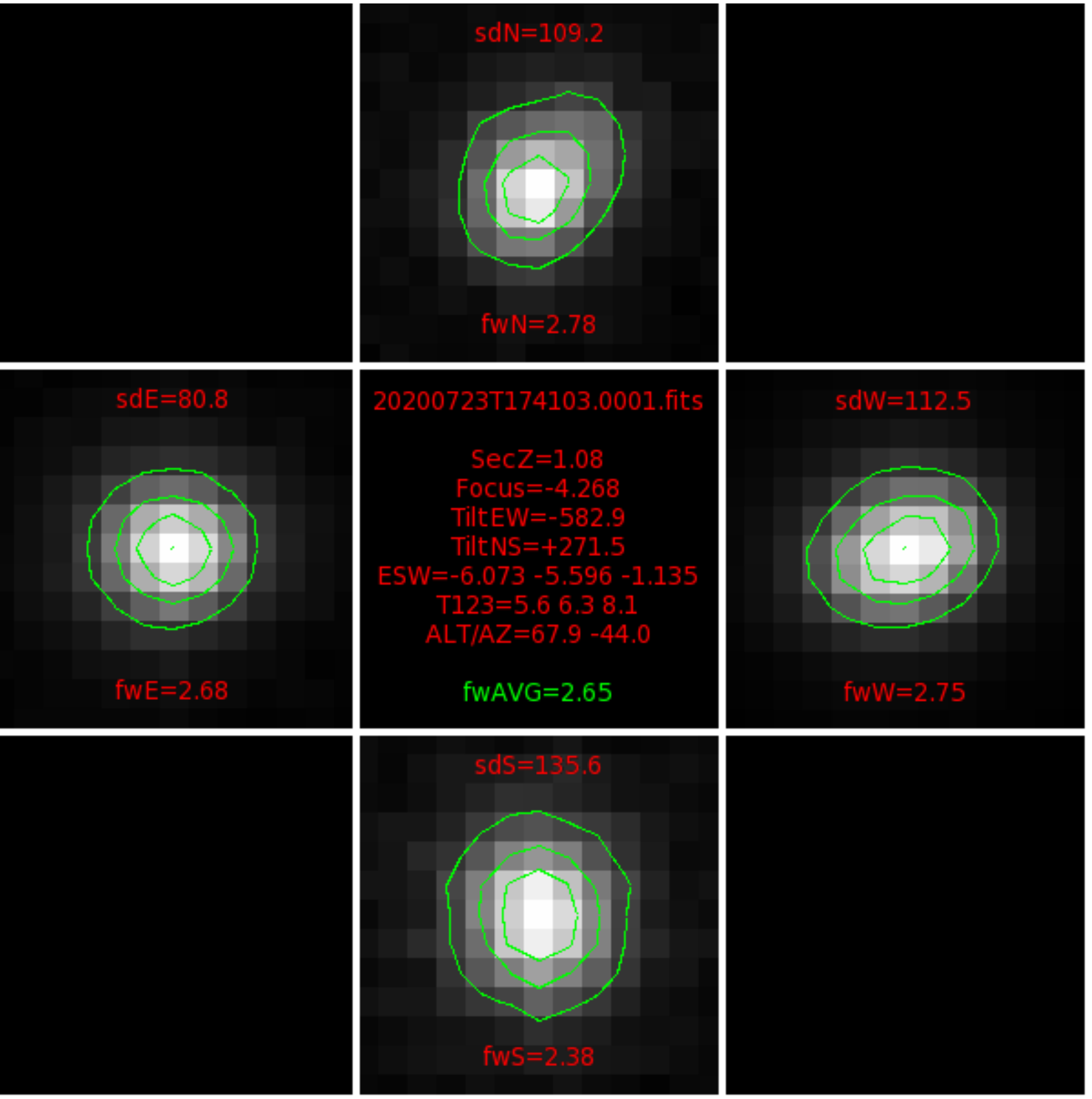
sdN=109.2
fwN=2.78
sdE=80.8
fwE=2.68
20200723T174103.0001.fits
SecZ=1.08
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.6 6.3 8.1
ALT/AZ=67.9 -44.0
fwAVG=2.65
sdW=112.5
fwW=2.75
sdS=135.6
fwS=2.38
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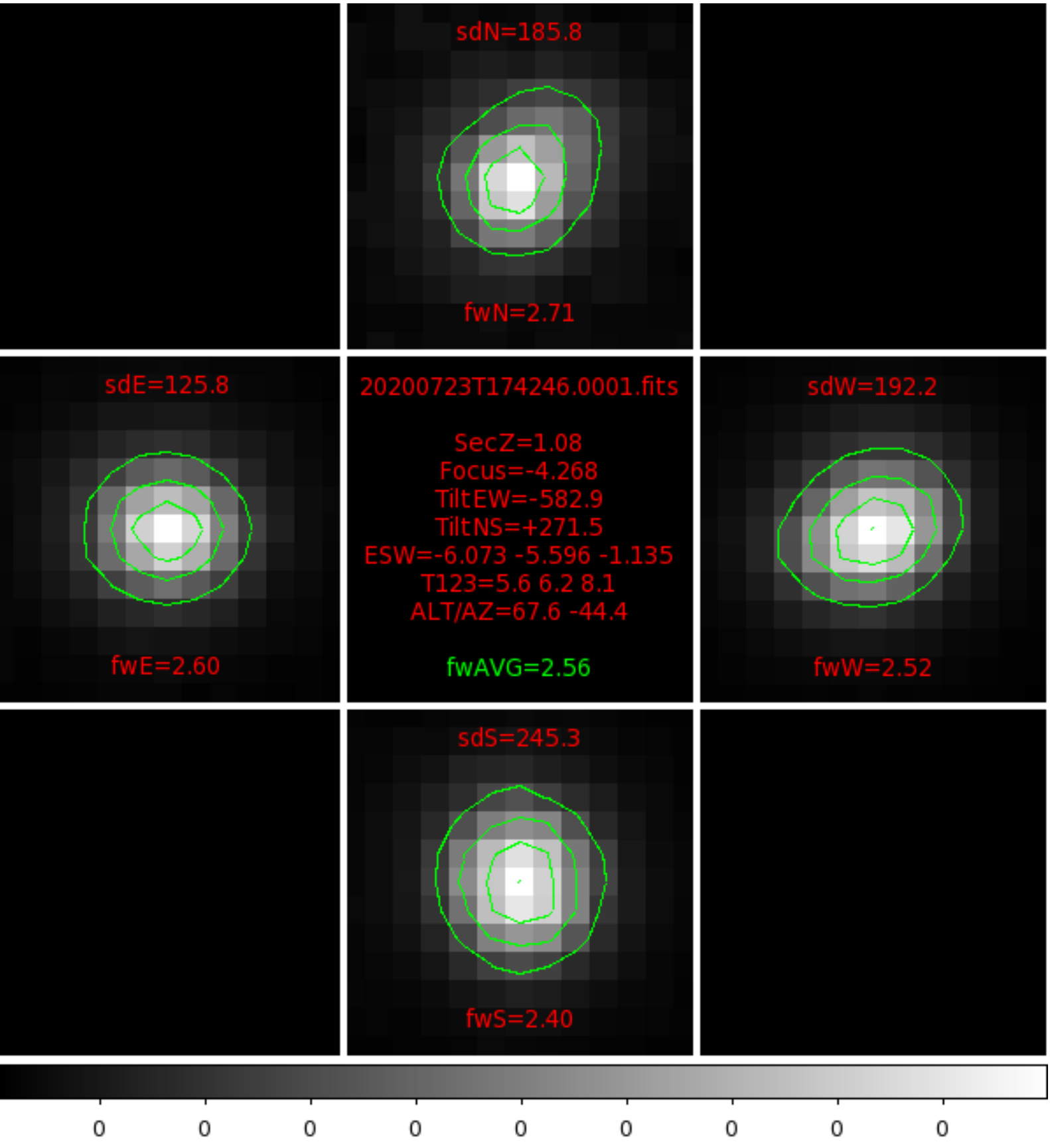
sdN=185.8
fwN=2.71
sdE=125.8
fwE=2.60
20200723T174246.0001.fits
SecZ=1.08
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.6 6.2 8.1
ALT/AZ=67.6 -44.4
fwAVG=2.56
sdW=192.2
fwW=2.52
sdS=245.3
fwS=2.40
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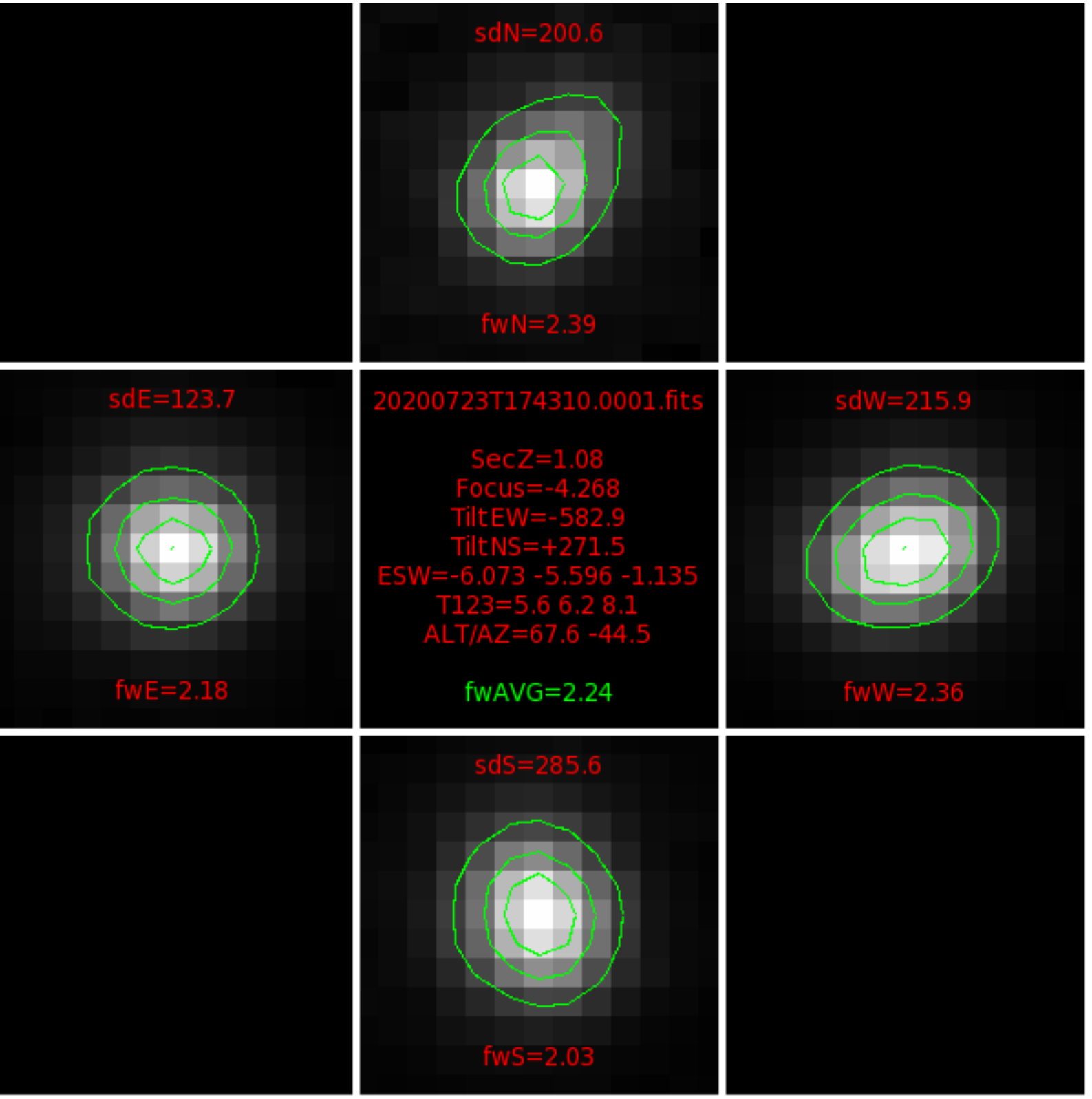
sdN=200.6
fwN=2.39
sdE=123.7
fwE=2.18
20200723T174310.0001.fits
SecZ=1.08
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.6 6.2 8.1
ALT/AZ=67.6 -44.5
fwAVG=2.24
sdW=215.9
fwW=2.36
sdS=285.6
fwS=2.03
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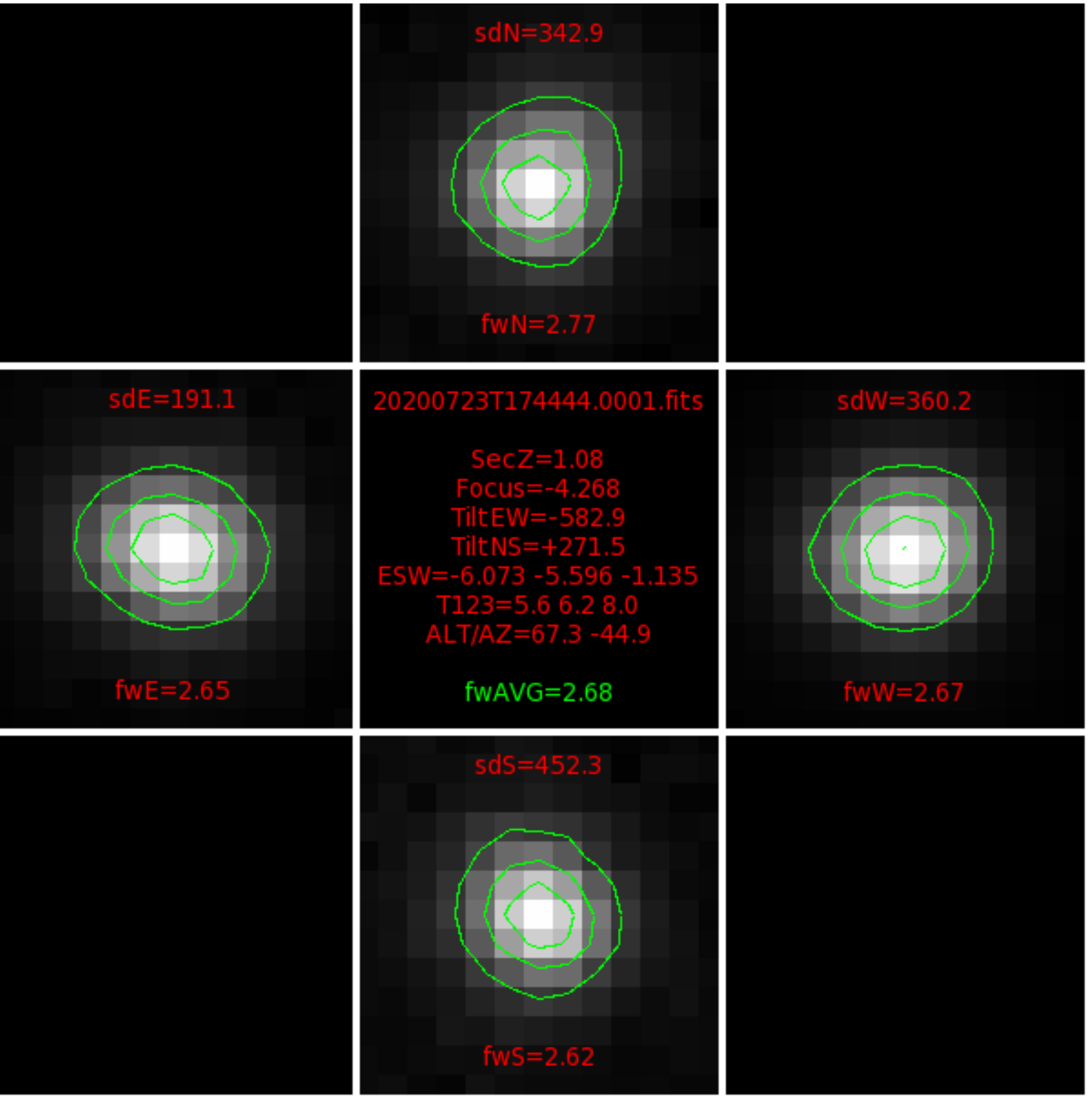
sdN=342.9
fwN=2.77
sdE=191.1
fwE=2.65
20200723T174444.0001.fits
SecZ=1.08
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.6 6.2 8.0
ALT/AZ=67.3 -44.9
fwAVG=2.68
sdW=360.2
fwW=2.67
sdS=452.3
fwS=2.62
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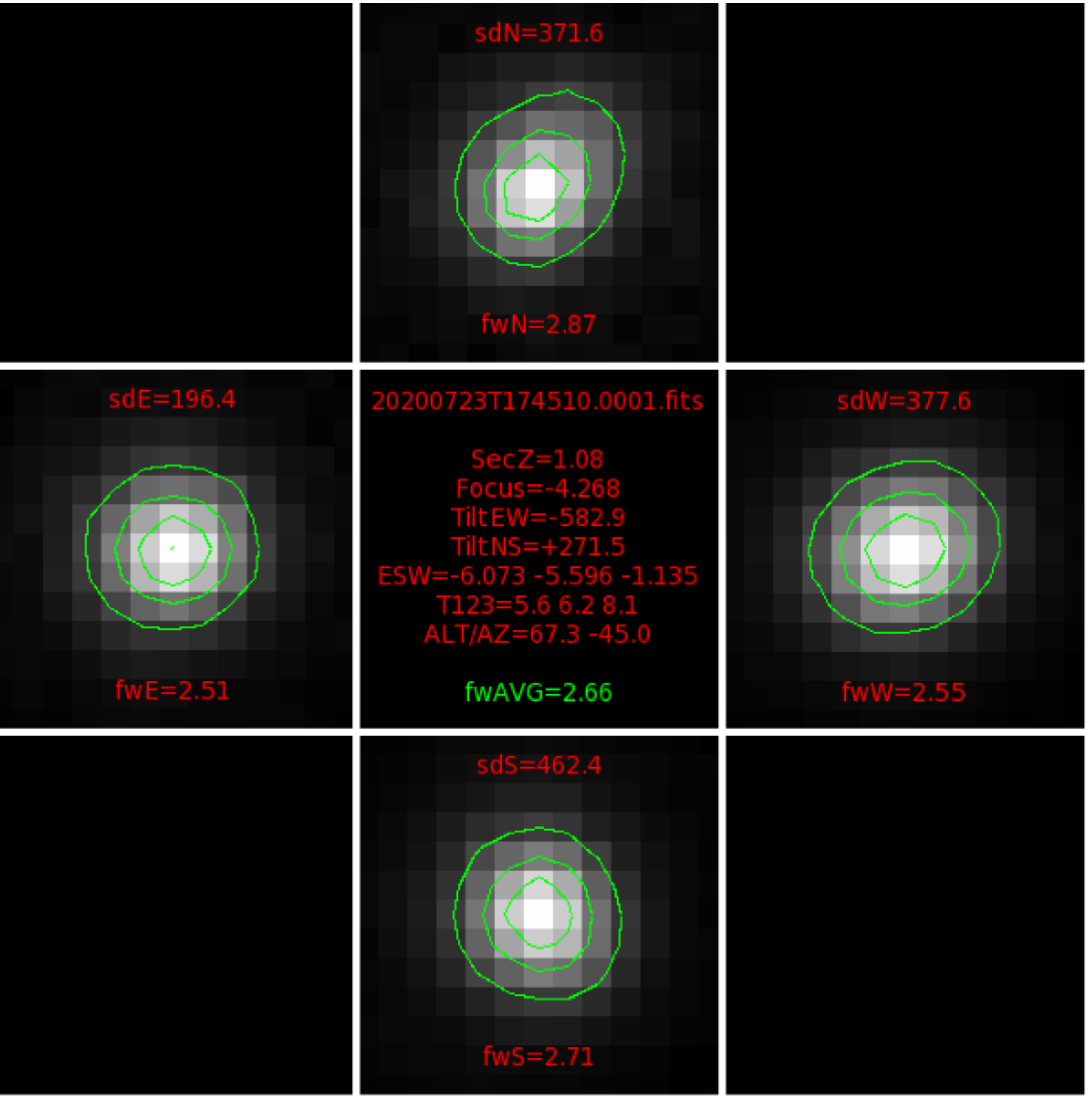
sdN=371.6
fwN=2.87
sdE=196.4
fwE=2.51
20200723T174510.0001.fits
SecZ=1.08
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.6 6.2 8.1
ALT/AZ=67.3 -45.0
fwAVG=2.66
sdW=377.6
fwW=2.55
sdS=462.4
fwS=2.71
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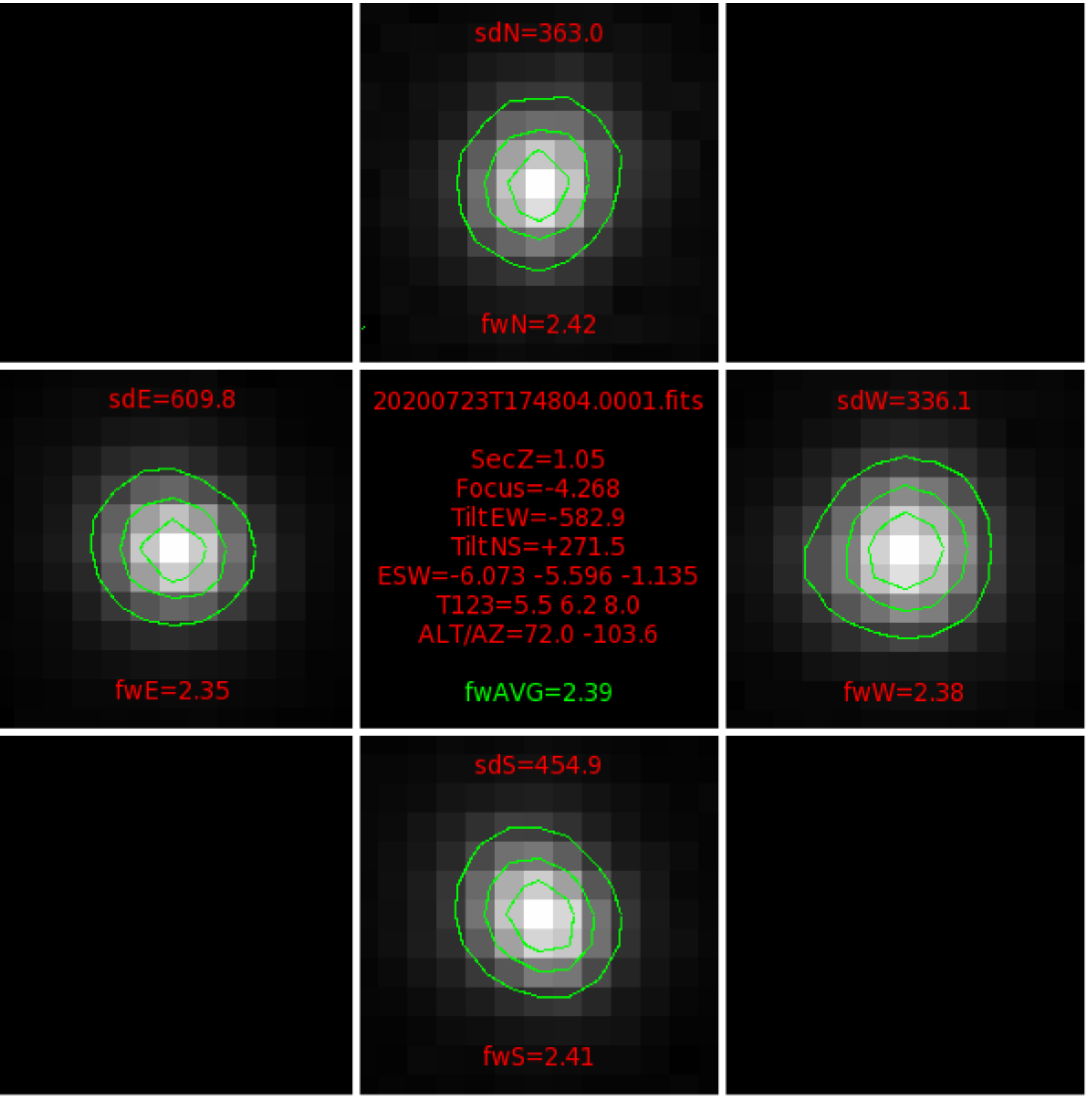
sdN=363.0
fwN=2.42
sdE=609.8
fwE=2.35
20200723T174804.0001.fits
SecZ=1.05
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.5 6.2 8.0
ALT/AZ=72.0 -103.6
fwAVG=2.39
sdW=336.1
fwW=2.38
sdS=454.9
fwS=2.41
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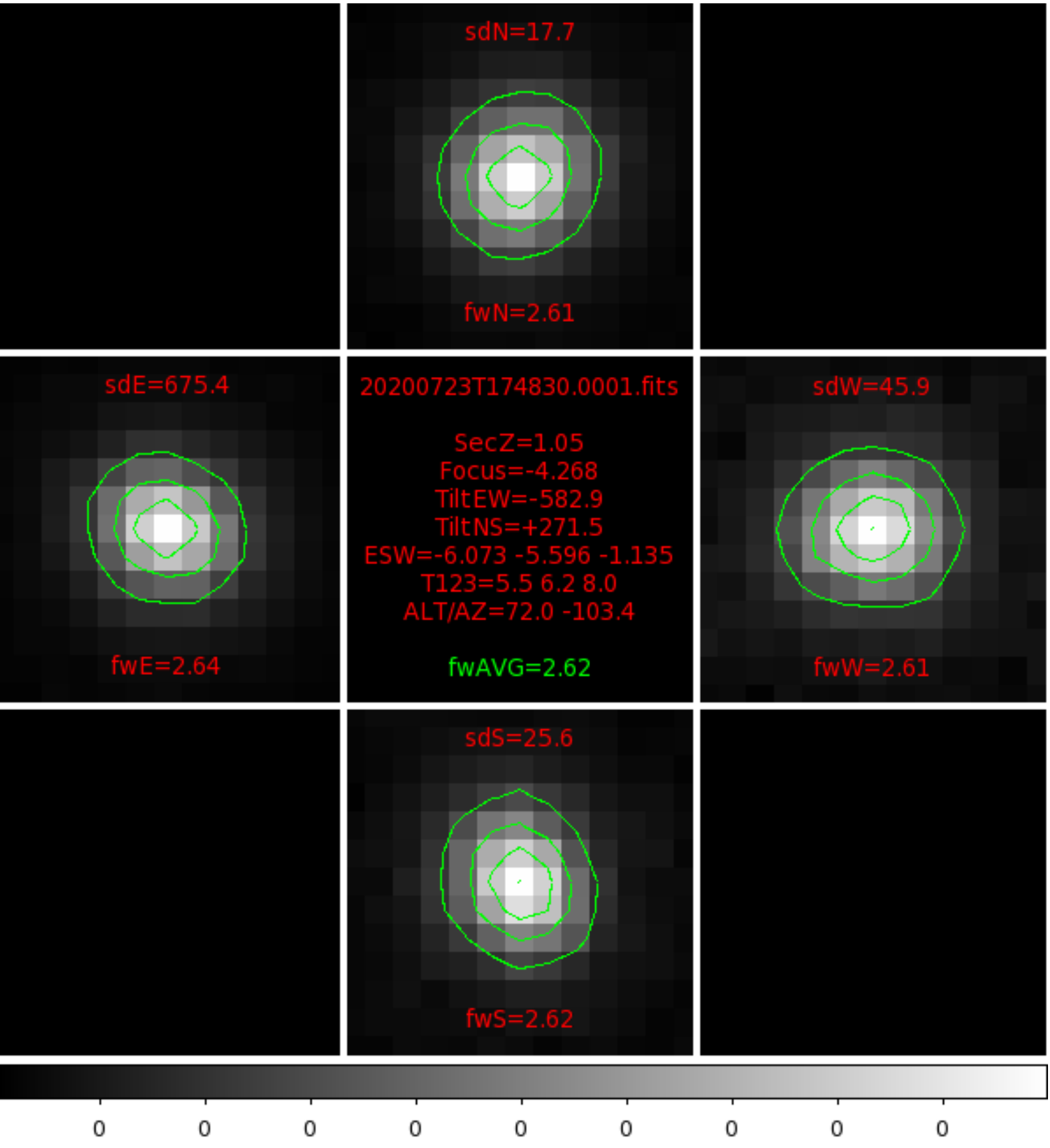
sdN=17.7
fwN=2.61
sdE=675.4
fwE=2.64
20200723T174830.0001.fits
SecZ=1.05
Focus=-4.268
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.073 -5.596 -1.135
T123=5.5 6.2 8.0
ALT/AZ=72.0 -103.4
fwAVG=2.62
sdW=45.9
fwW=2.61
sdS=25.6
fwS=2.62
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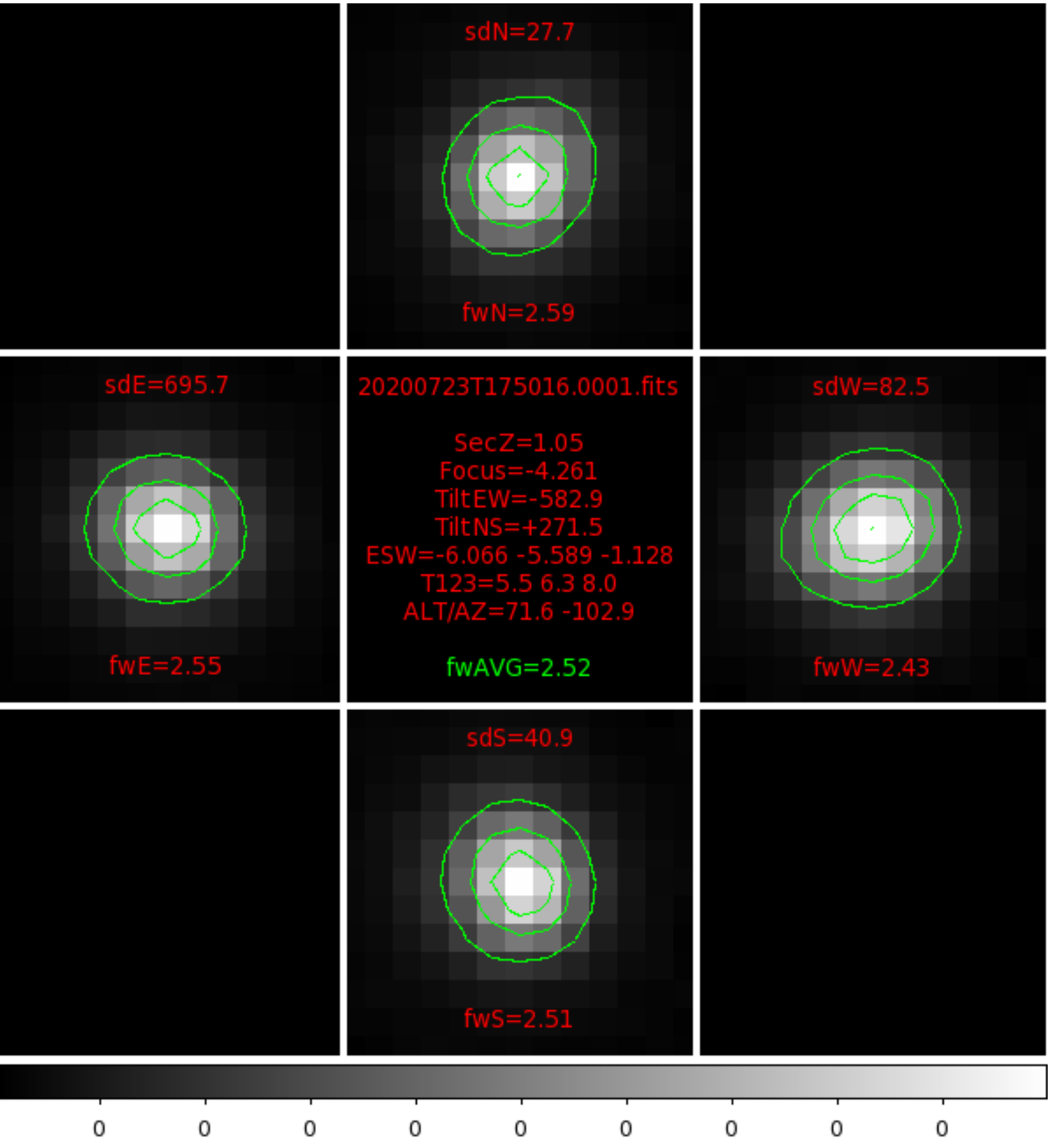
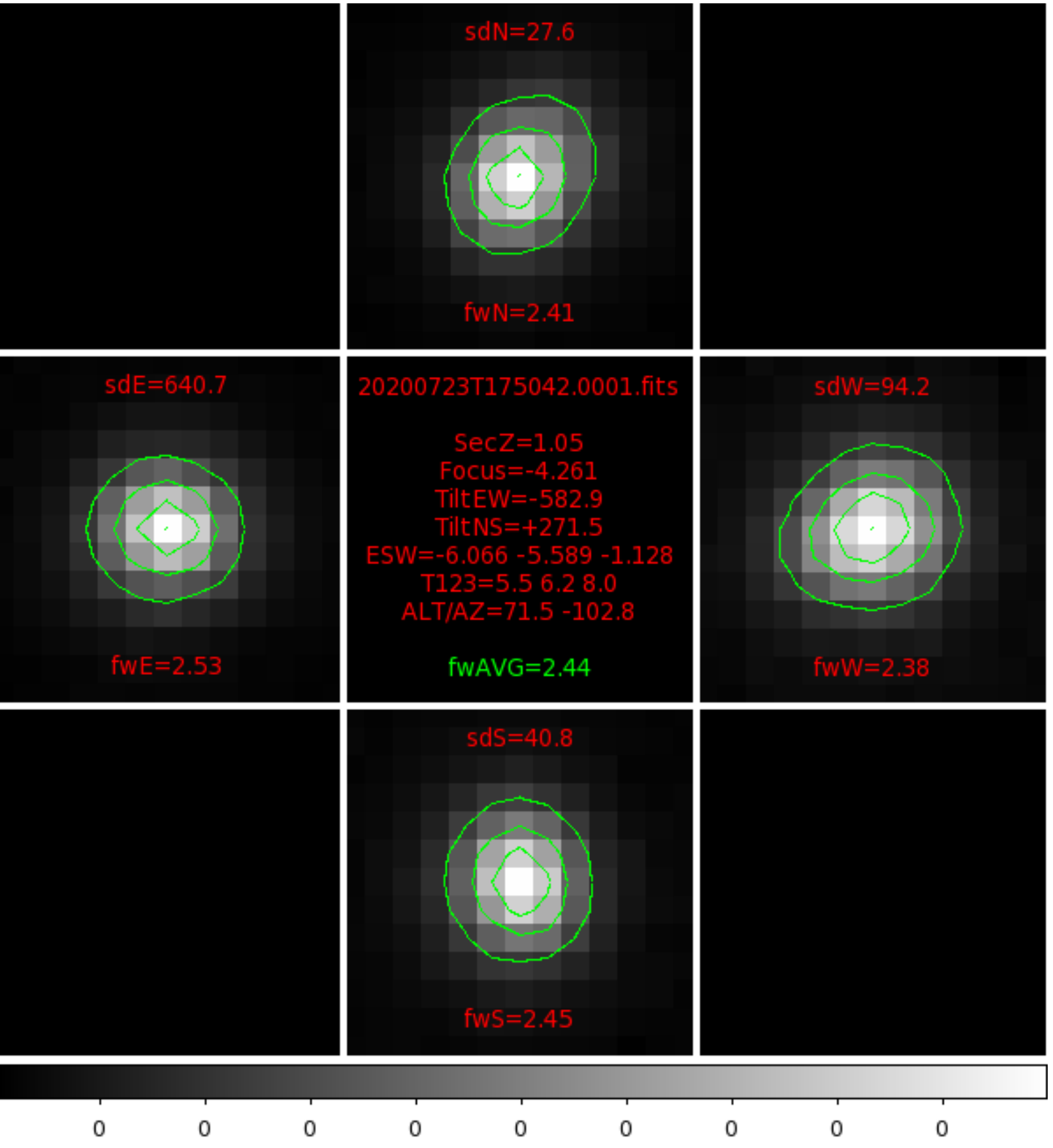

sdN=27.7
fwN=2.59
sdE=695.7
fwE=2.55
20200723T175016.0001.fits
SecZ=1.05
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.3 8.0
ALT/AZ=71.6 -102.9
fwAVG=2.52
sdW=82.5
fwW=2.43
sdS=40.9
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=27.6
fwN=2.41
sdE=640.7
fwE=2.53
20200723T175042.0001.fits
SecZ=1.05
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.2 8.0
ALT/AZ=71.5 -102.8
fwAVG=2.44
sdW=94.2
fwW=2.38
sdS=40.8
fwS=2.45
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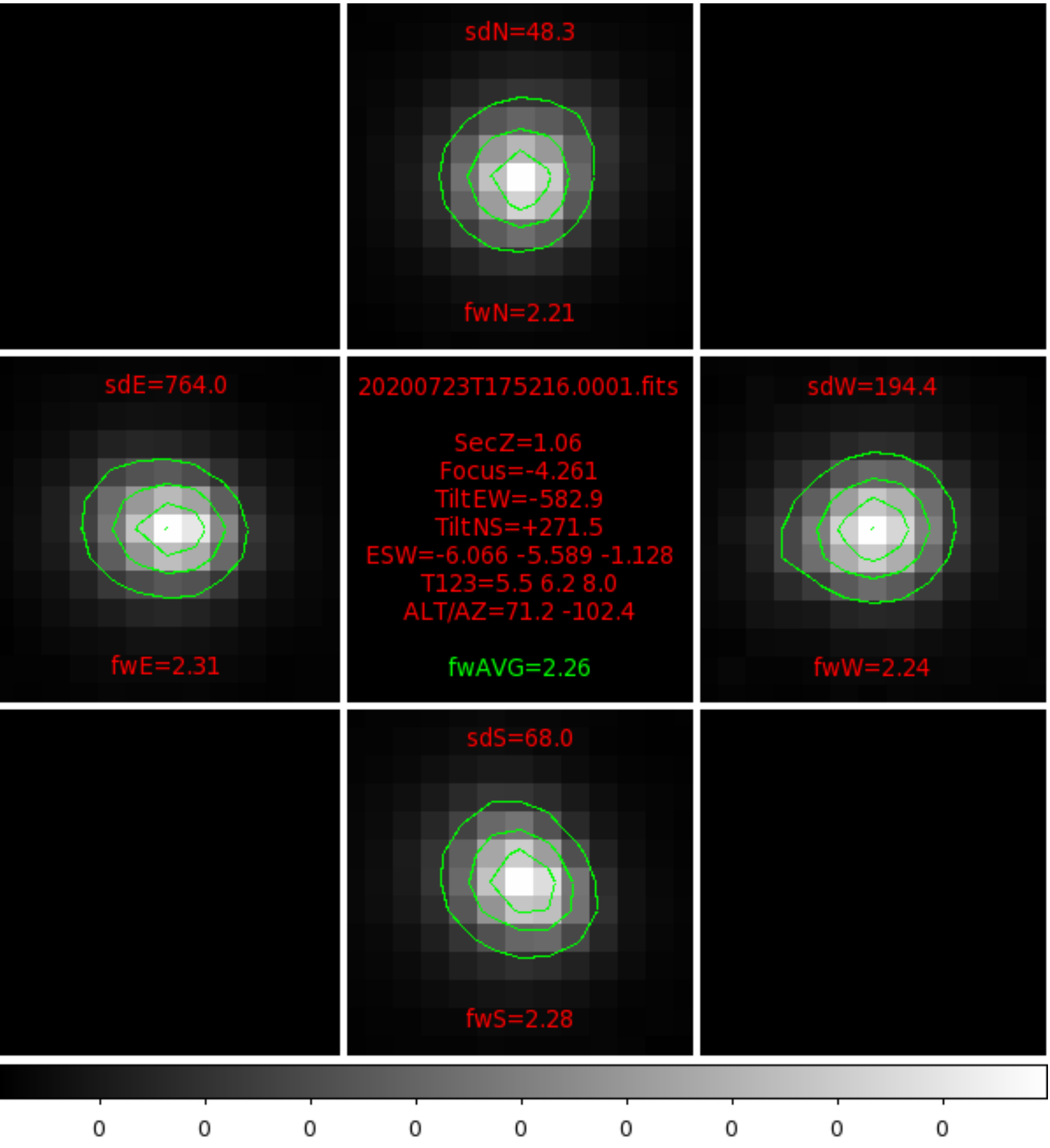
sdN=48.3
fwN=2.21
sdE=764.0
fwE=2.31
20200723T175216.0001.fits
SecZ=1.06
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.2 8.0
ALT/AZ=71.2 -102.4
fwAVG=2.26
sdW=194.4
fwW=2.24
sdS=68.0
fwS=2.28
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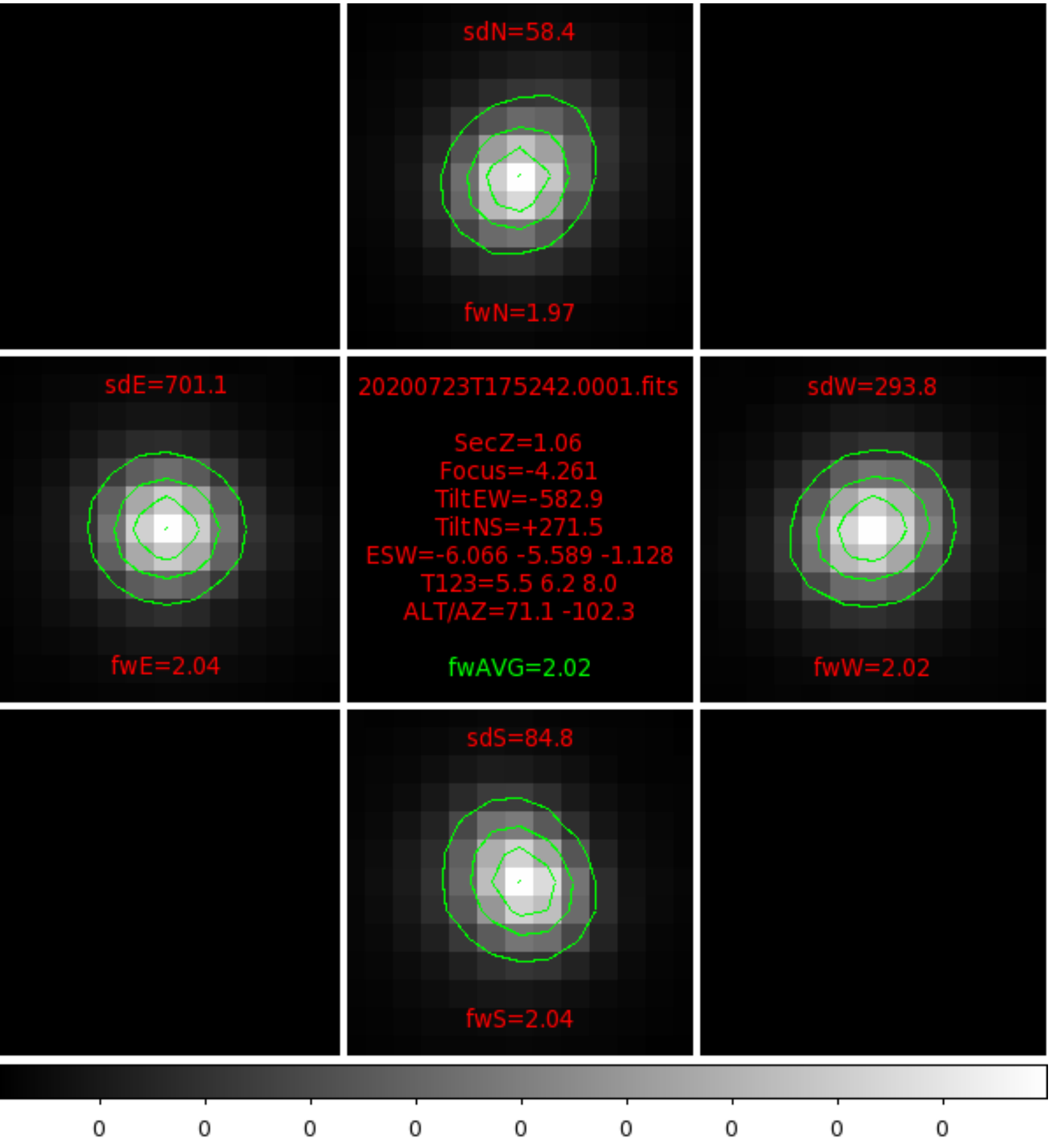
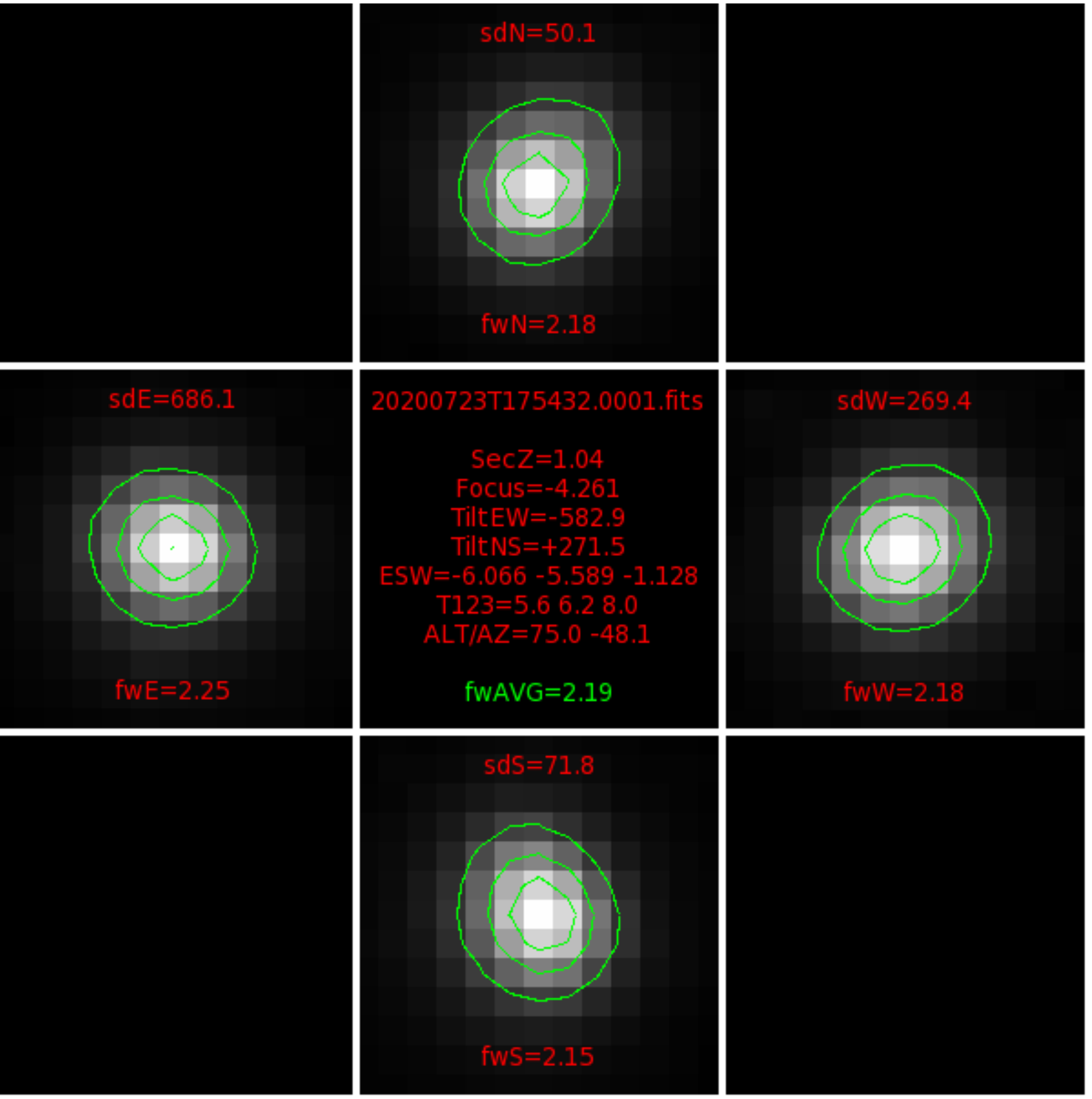
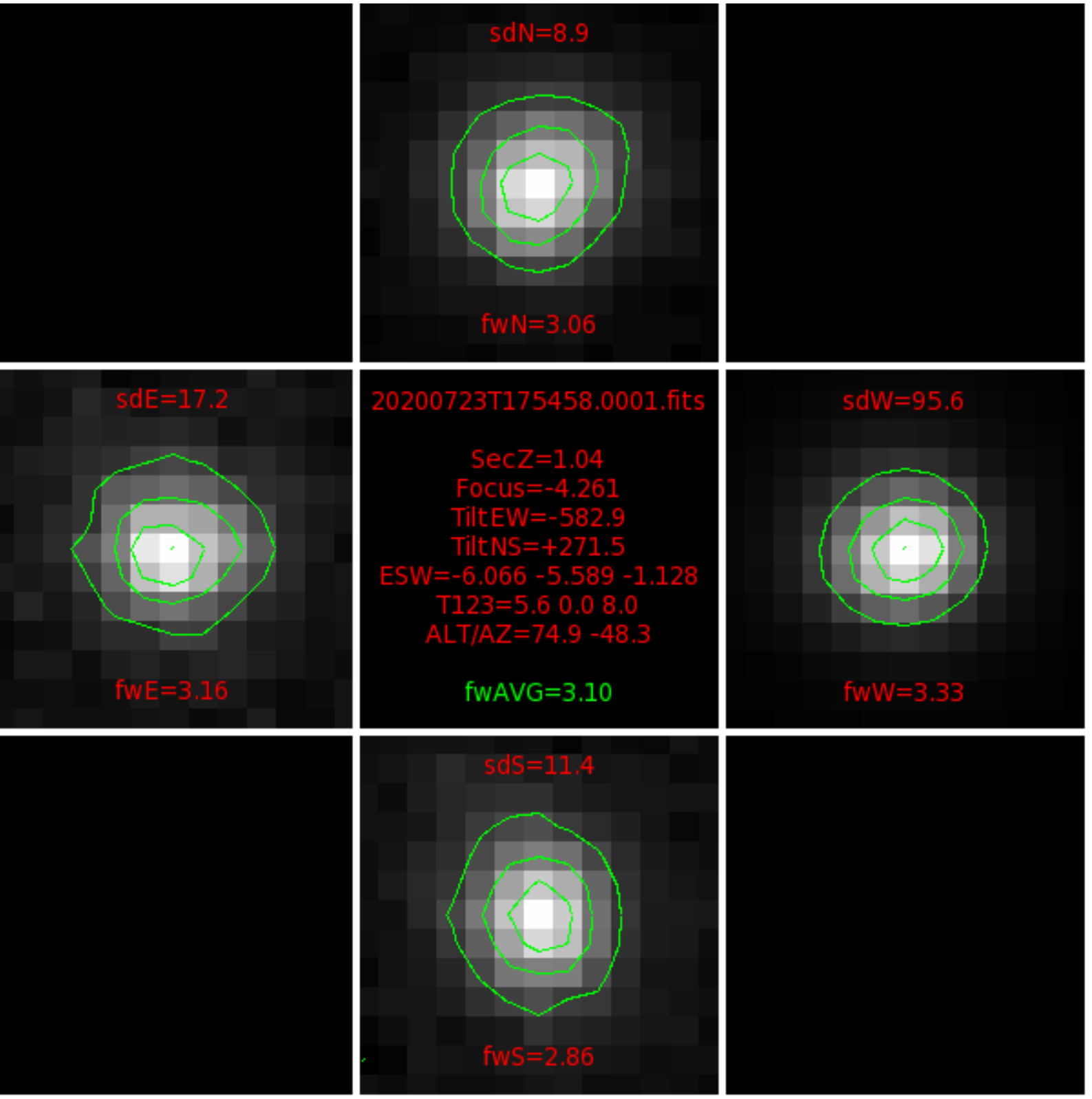
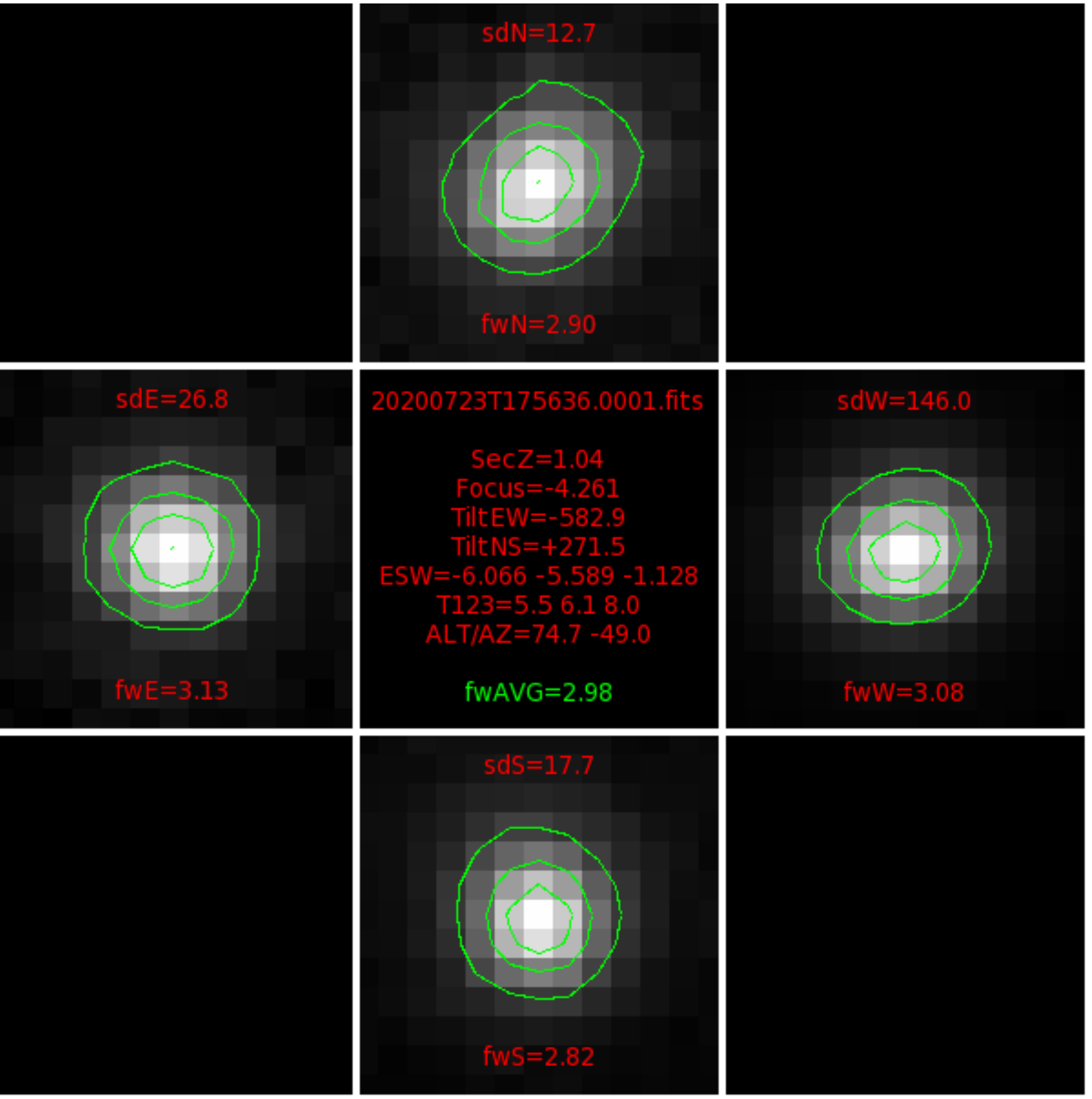

sdN=58.4
fwN=1.97
sdE=701.1
fwE=2.04
20200723T175242.0001.fits
SecZ=1.06
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.2 8.0
ALT/AZ=71.1 -102.3
fwAVG=2.02
sdW=293.8
fwW=2.02
sdS=84.8
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=50.1
fwN=2.18
sdE=686.1
fwE=2.25
20200723T175432.0001.fits
SecZ=1.04
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.6 6.2 8.0
ALT/AZ=75.0 -48.1
fwAVG=2.19
sdW=269.4
fwW=2.18
sdS=71.8
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=8.9
fwN=3.06
sdE=17.2
fwE=3.16
20200723T175458.0001.fits
SecZ=1.04
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.6 0.0 8.0
ALT/AZ=74.9 -48.3
fwAVG=3.10
sdW=95.6
fwW=3.33
sdS=11.4
fwS=2.86
0 0 0 0 0 0 0 0 0


sdN=12.7
fwN=2.90
sdE=26.8
fwE=3.13
20200723T175636.0001.fits
SecZ=1.04
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=74.7 -49.0
fwAVG=2.98
sdW=146.0
fwW=3.08
sdS=17.7
fwS=2.82
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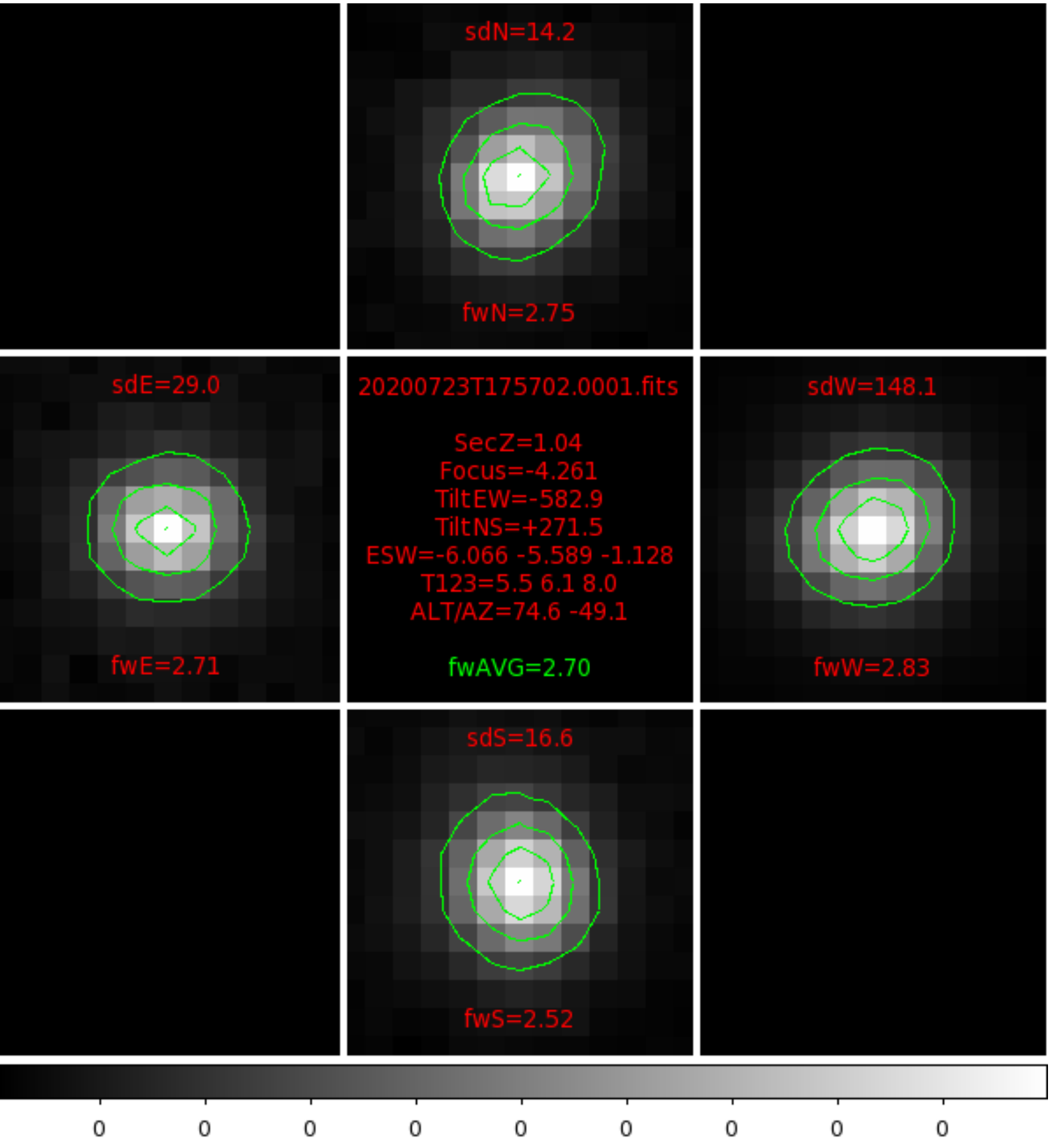
sdN=14.2
fwN=2.75
sdE=29.0
fwE=2.71
20200723T175702.0001.fits
SecZ=1.04
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=74.6 -49.1
fwAVG=2.70
sdW=148.1
fwW=2.83
sdS=16.6
fwS=2.52
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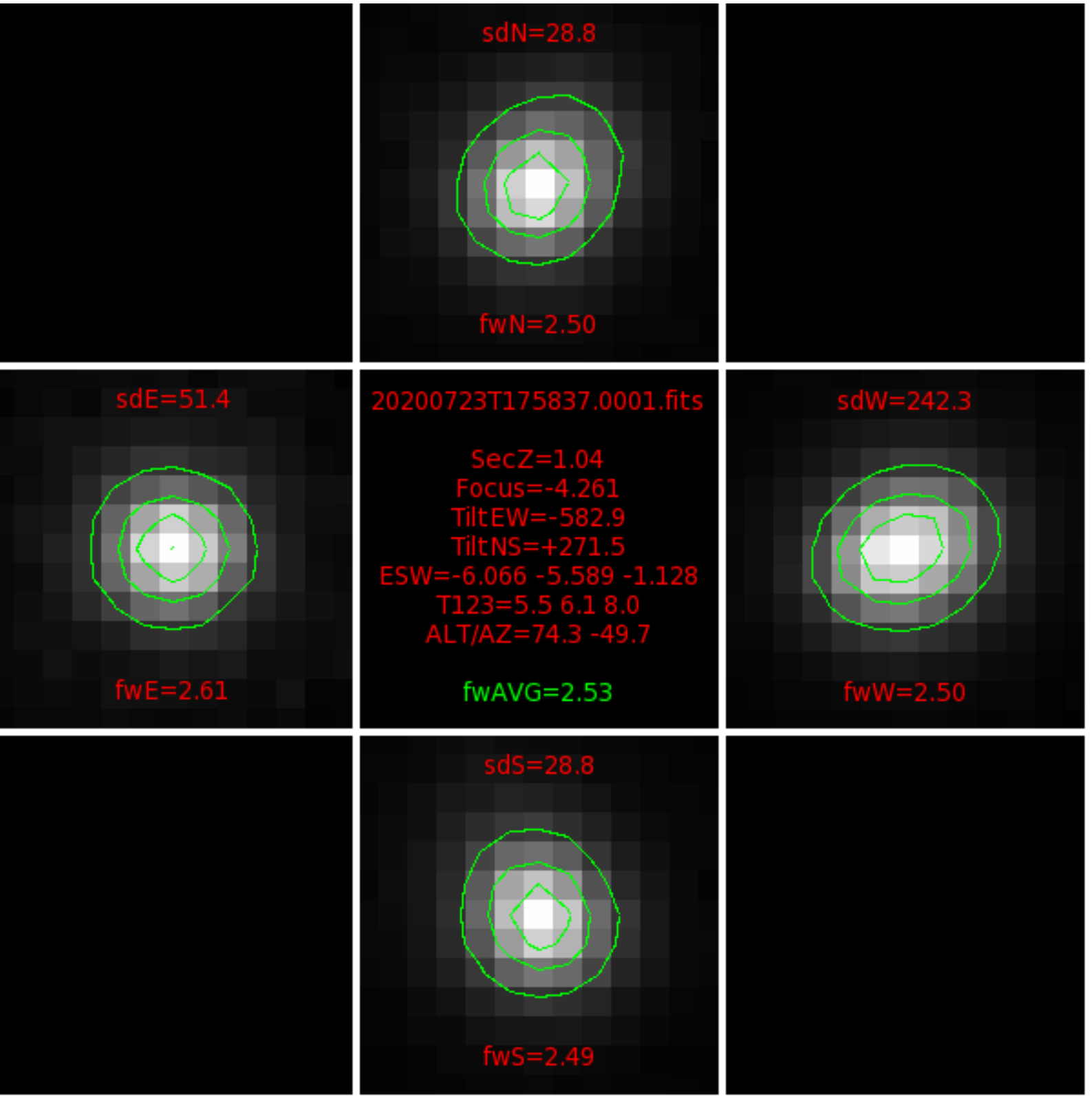
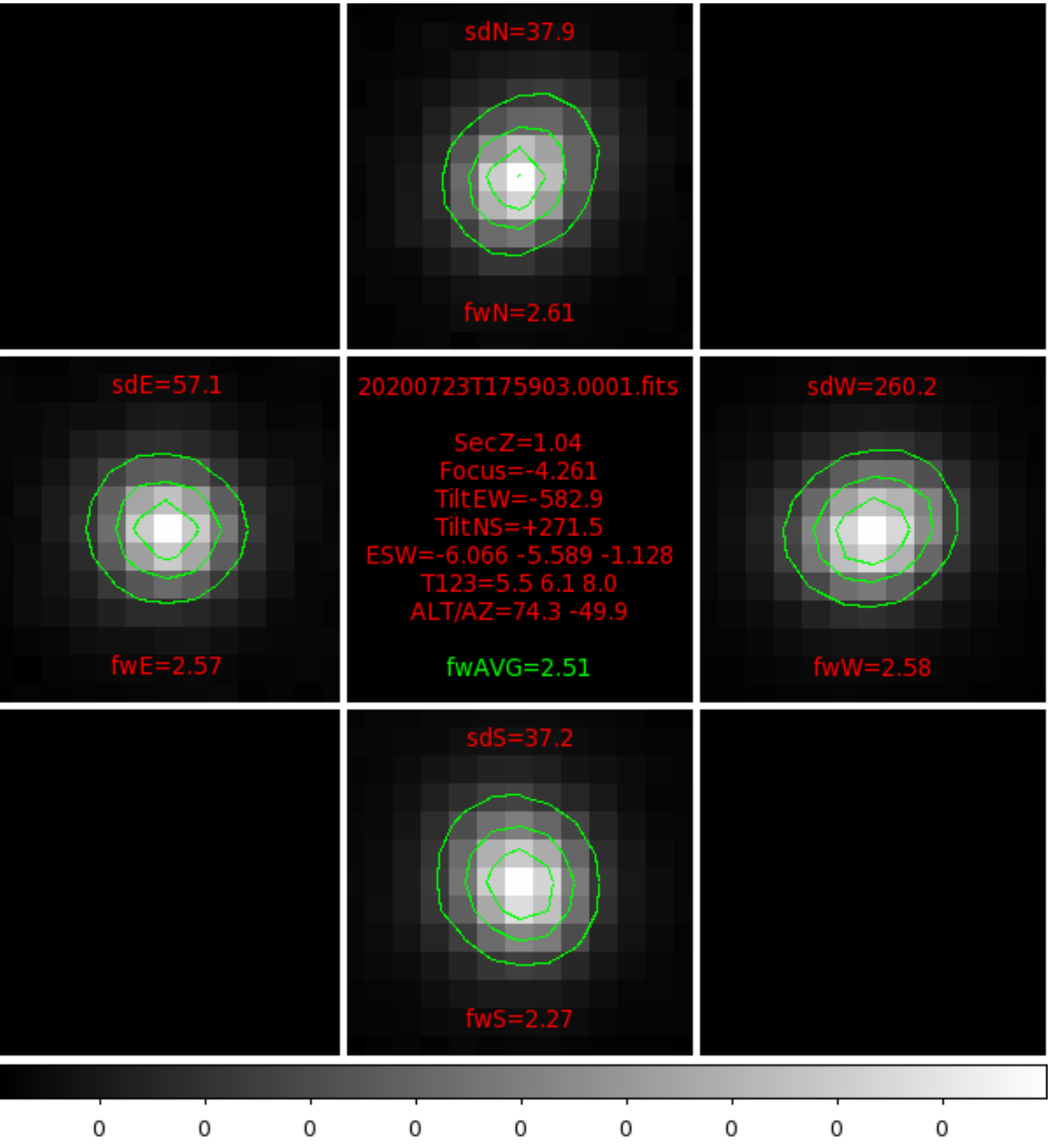
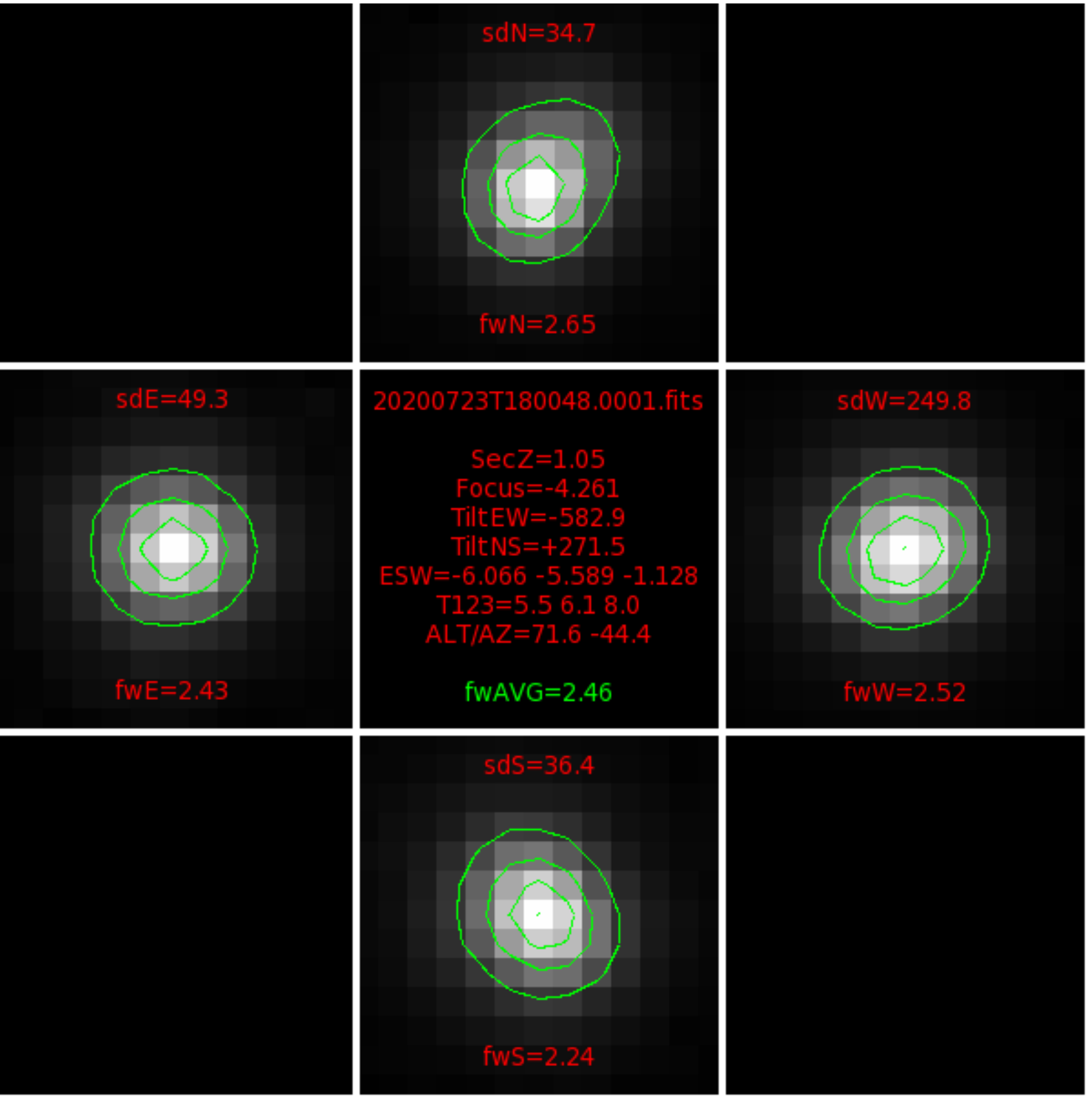
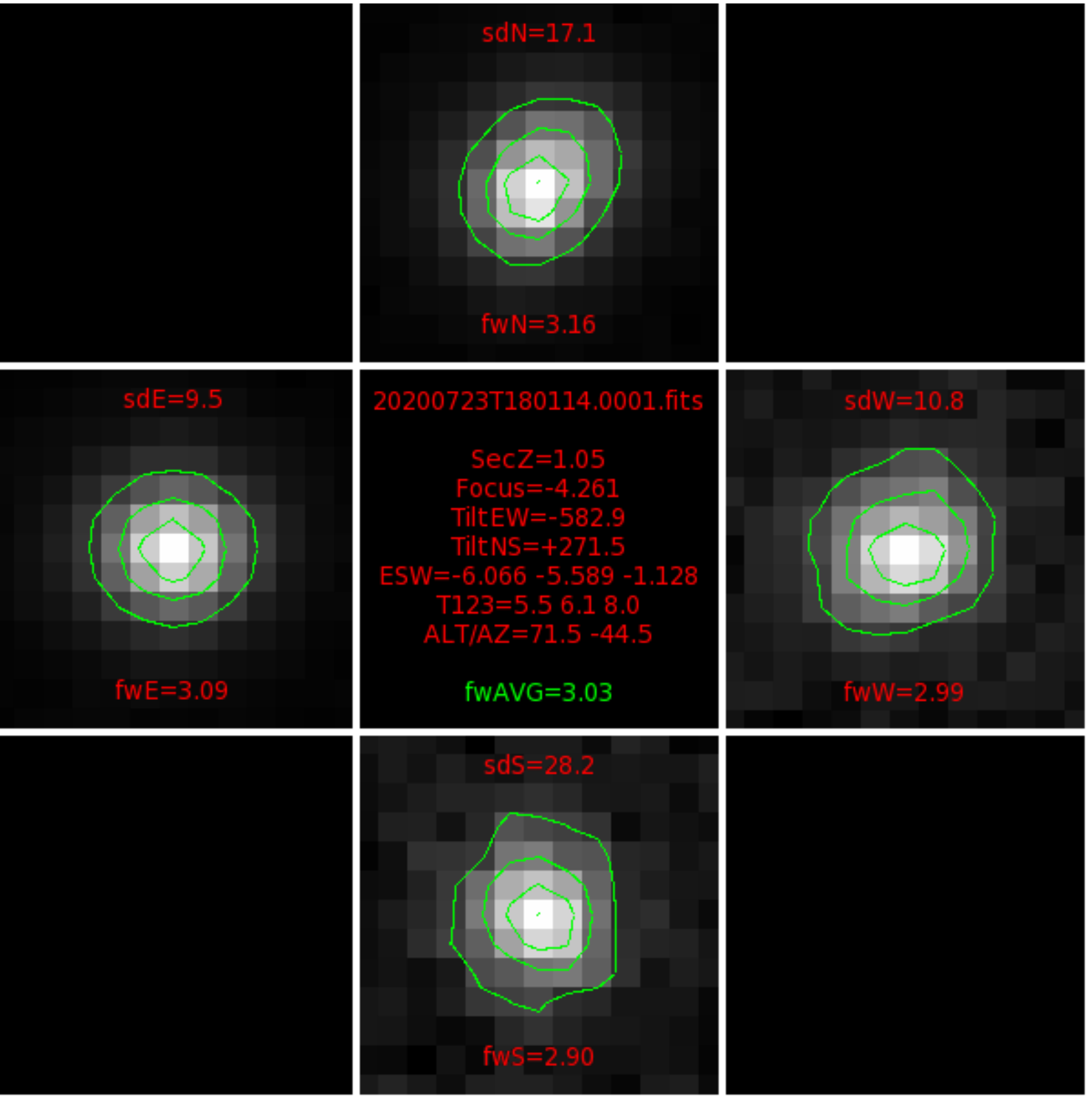
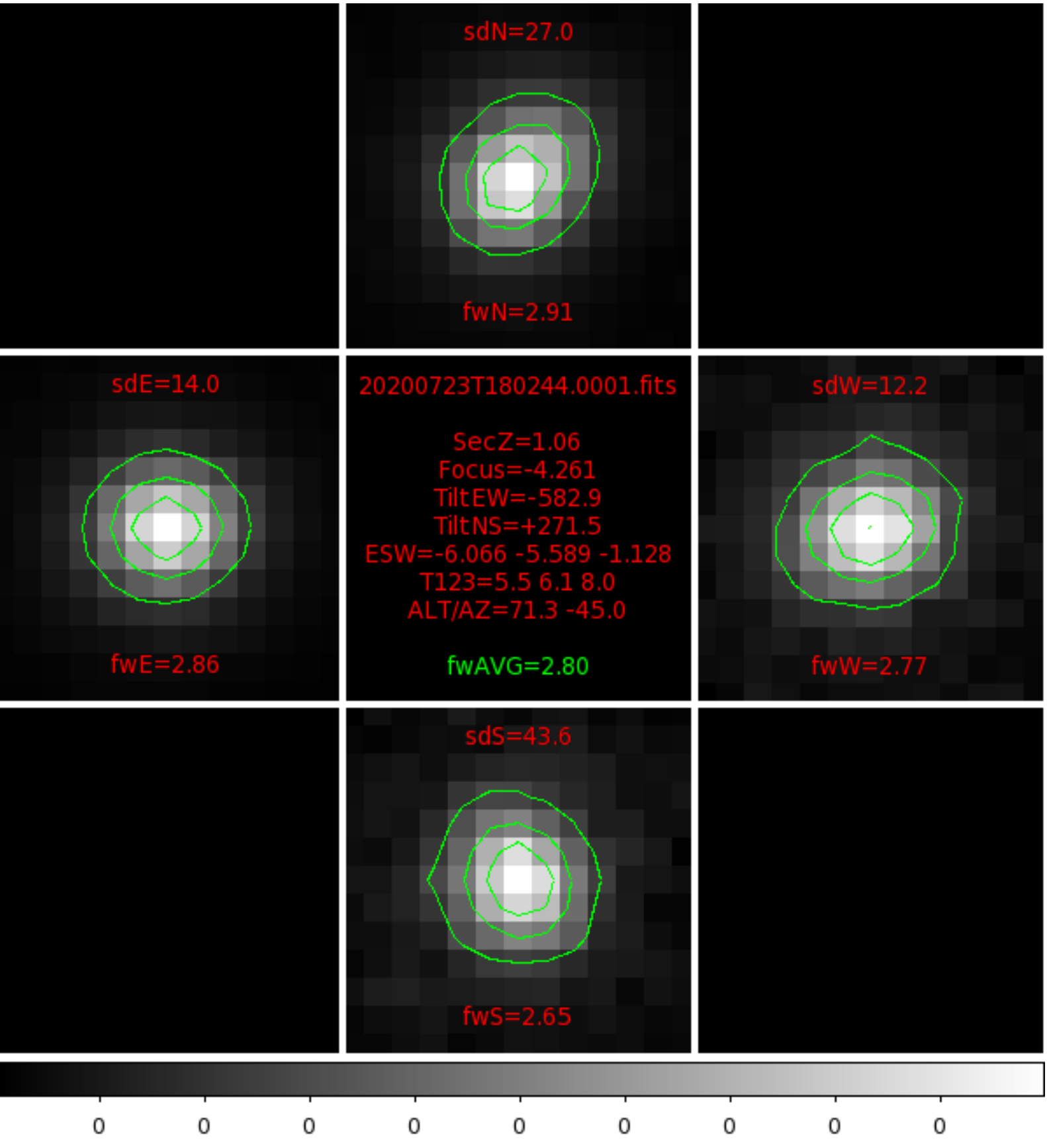
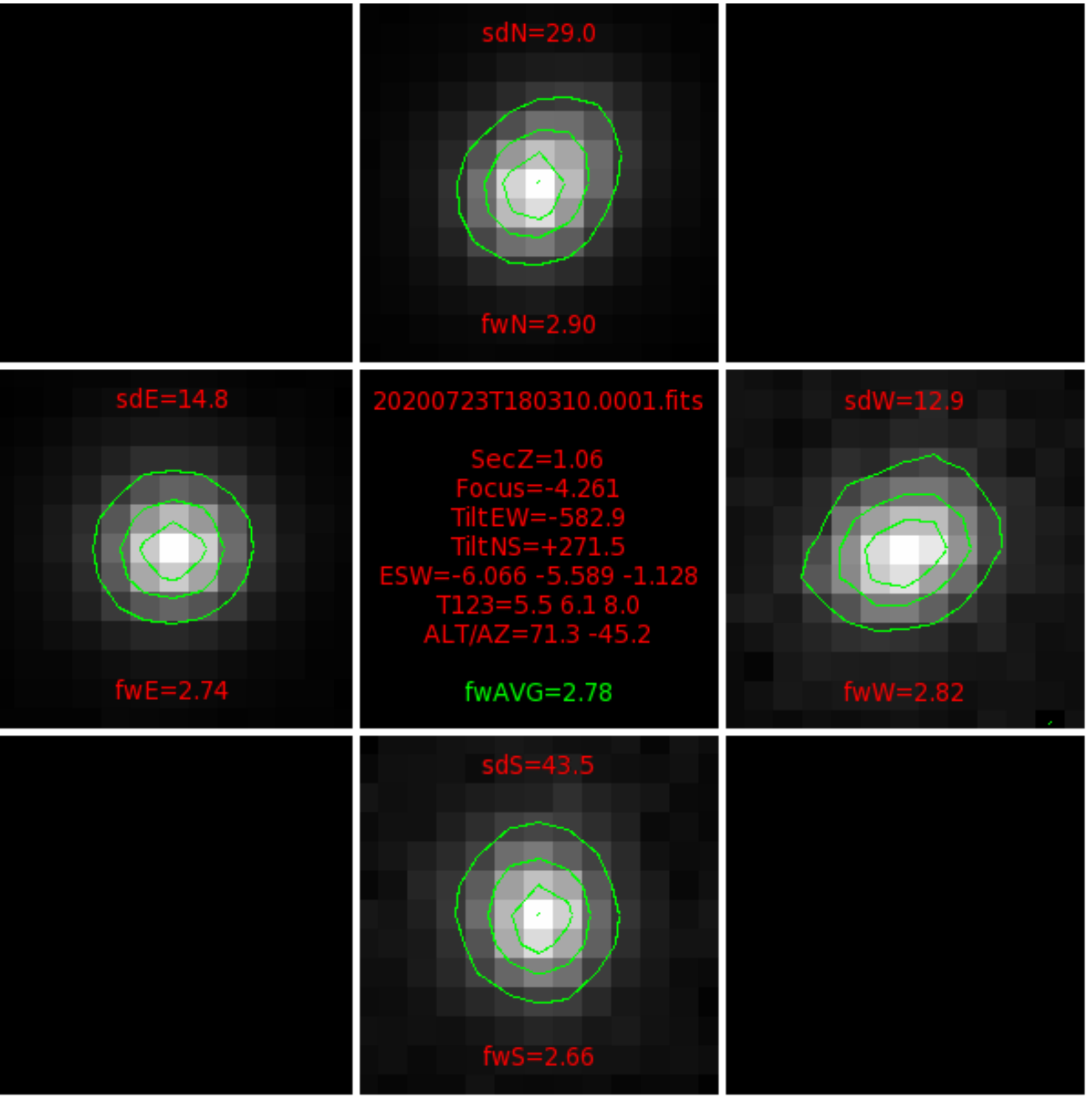

sdN=28.8
fwN=2.50
sdE=51.4
fwE=2.61
20200723T175837.0001.fits
SecZ=1.04
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=74.3 -49.7
fwAVG=2.53
sdW=242.3
fwW=2.50
sdS=28.8
fwS=2.49
0 0 0 0 0 0 0 0 0

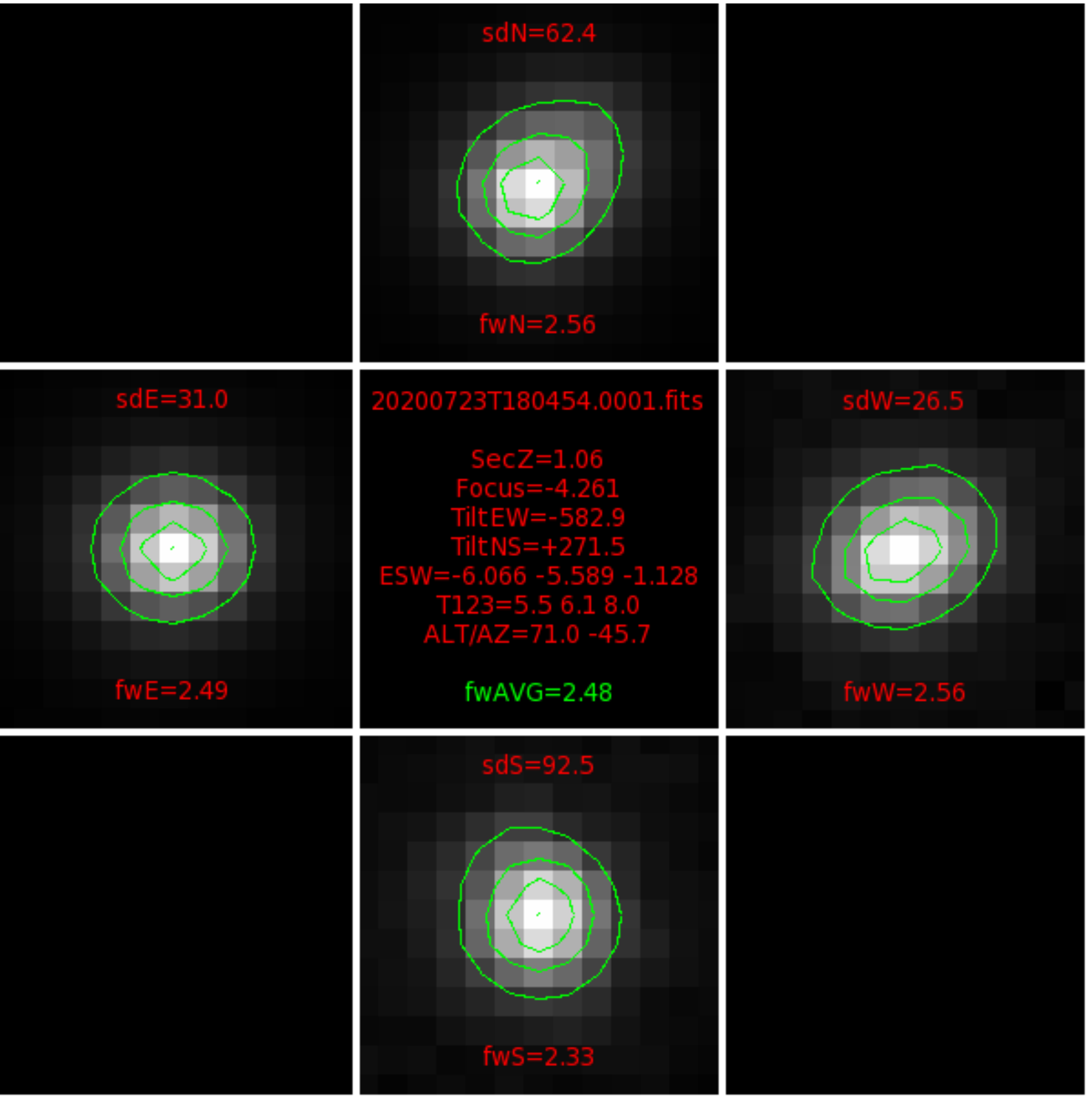

sdN=37.9
fwN=2.61
sdE=57.1
fwE=2.57
20200723T175903.0001.fits
SecZ=1.04
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=74.3 -49.9
fwAVG=2.51
sdW=260.2
fwW=2.58
sdS=37.2
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=34.7
fwN=2.65
sdE=49.3
fwE=2.43
20200723T180048.0001.fits
SecZ=1.05
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=71.6 -44.4
fwAVG=2.46
sdW=249.8
fwW=2.52
sdS=36.4
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=17.1
fwN=3.16
sdE=9.5
fwE=3.09
20200723T180114.0001.fits
SecZ=1.05
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=71.5 -44.5
fwAVG=3.03
sdW=10.8
fwW=2.99
sdS=28.2
fwS=2.90
0 0 0 0 0 0 0 0 0


sdN=27.0
fwN=2.91
sdE=14.0
fwE=2.86
20200723T180244.0001.fits
SecZ=1.06
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=71.3 -45.0
fwAVG=2.80
sdW=12.2
fwW=2.77
sdS=43.6
fwS=2.65
0 0 0 0 0 0 0 0 0


sdN=29.0
fwN=2.90
sdE=14.8
fwE=2.74
20200723T180310.0001.fits
SecZ=1.06
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=71.3 -45.2
fwAVG=2.78
sdW=12.9
fwW=2.82
sdS=43.5
fwS=2.66
0 0 0 0 0 0 0 0 0


sdN=62.4
fwN=2.56
sdE=31.0
fwE=2.49
20200723T180454.0001.fits
SecZ=1.06
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=71.0 -45.7
fwAVG=2.48
sdW=26.5
fwW=2.56
sdS=92.5
fwS=2.33
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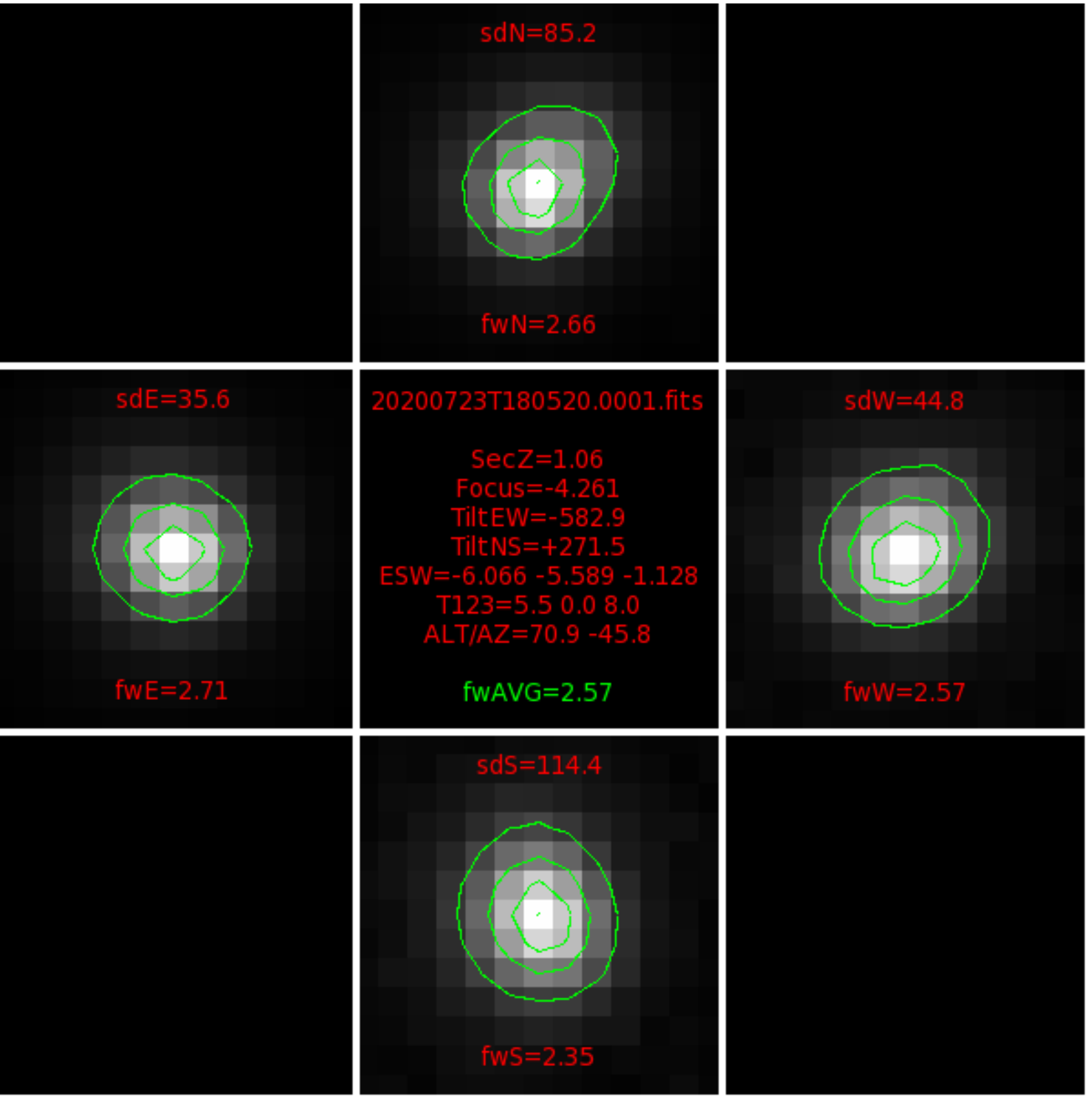
sdN=85.2
fwN=2.66
sdE=35.6
fwE=2.71
20200723T180520.0001.fits
SecZ=1.06
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 0.0 8.0
ALT/AZ=70.9 -45.8
fwAVG=2.57
sdW=44.8
fwW=2.57
sdS=114.4
fwS=2.35
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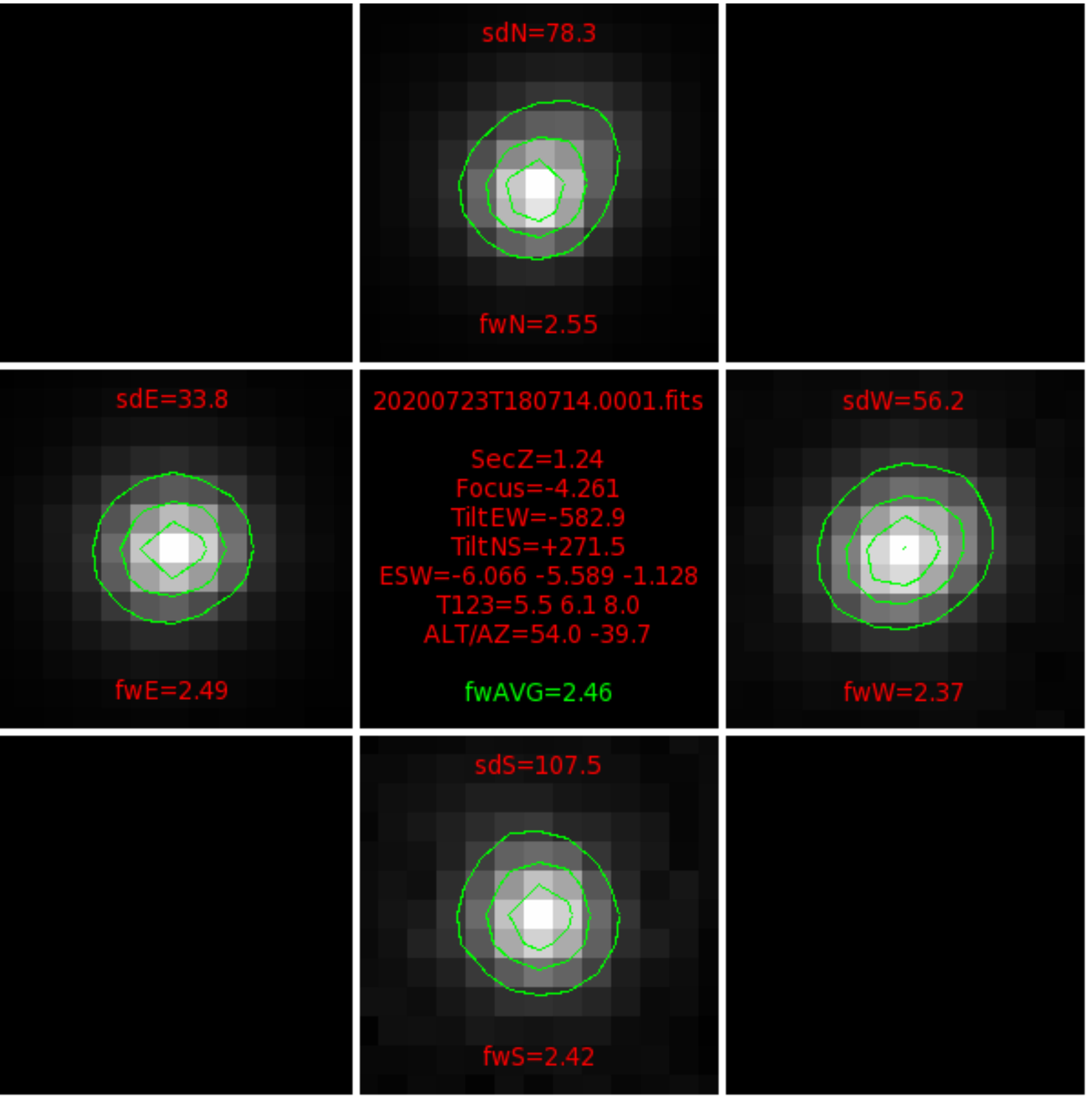
sdN=78.3
fwN=2.55
sdE=33.8
fwE=2.49
20200723T180714.0001.fits
SecZ=1.24
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=54.0 -39.7
fwAVG=2.46
sdW=56.2
fwW=2.37
sdS=107.5
fwS=2.42
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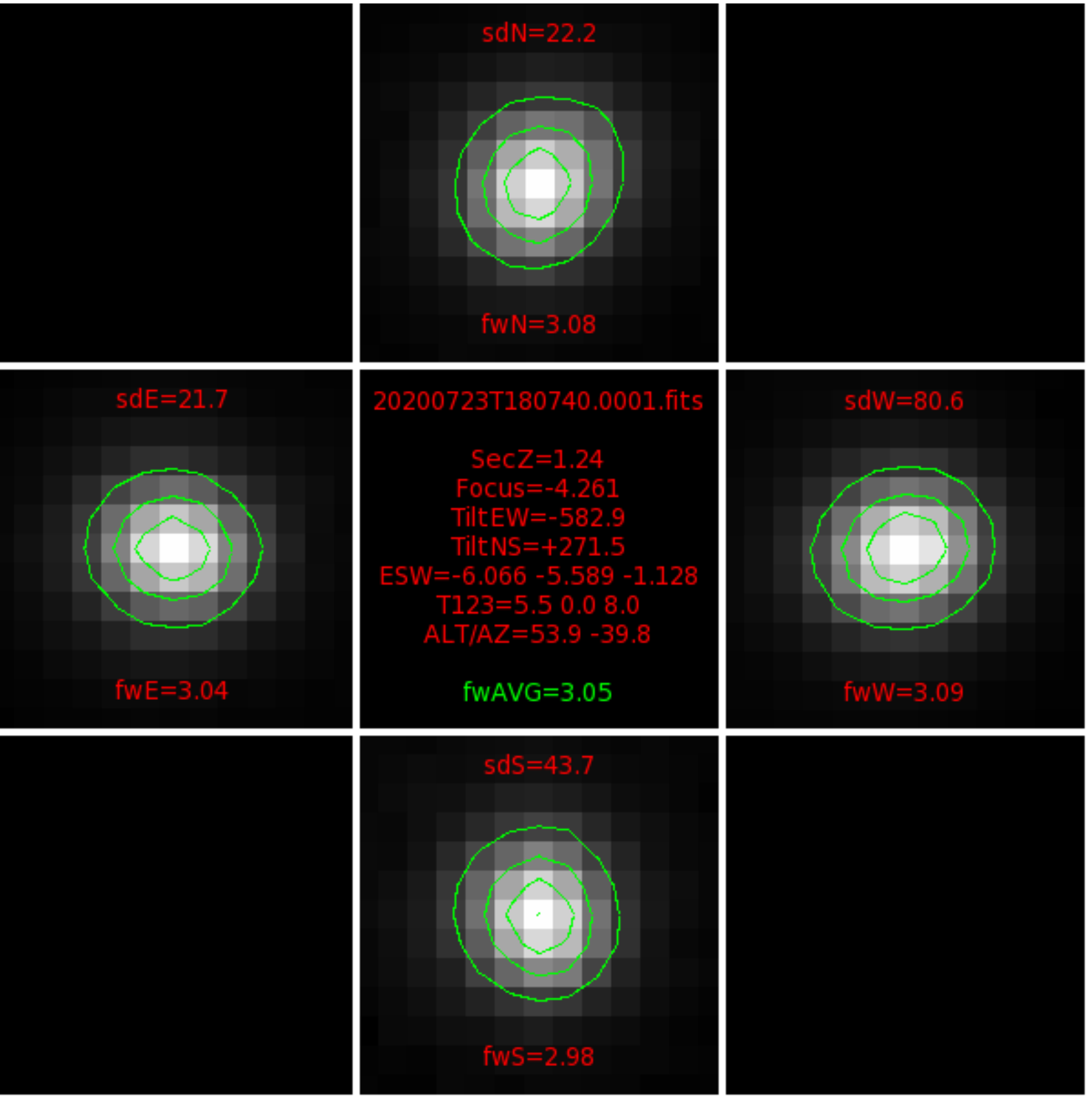
sdN=22.2
fwN=3.08
sdE=21.7
fwE=3.04
20200723T180740.0001.fits
SecZ=1.24
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 0.0 8.0
ALT/AZ=53.9 -39.8
fwAVG=3.05
sdW=80.6
fwW=3.09
sdS=43.7
fwS=2.98
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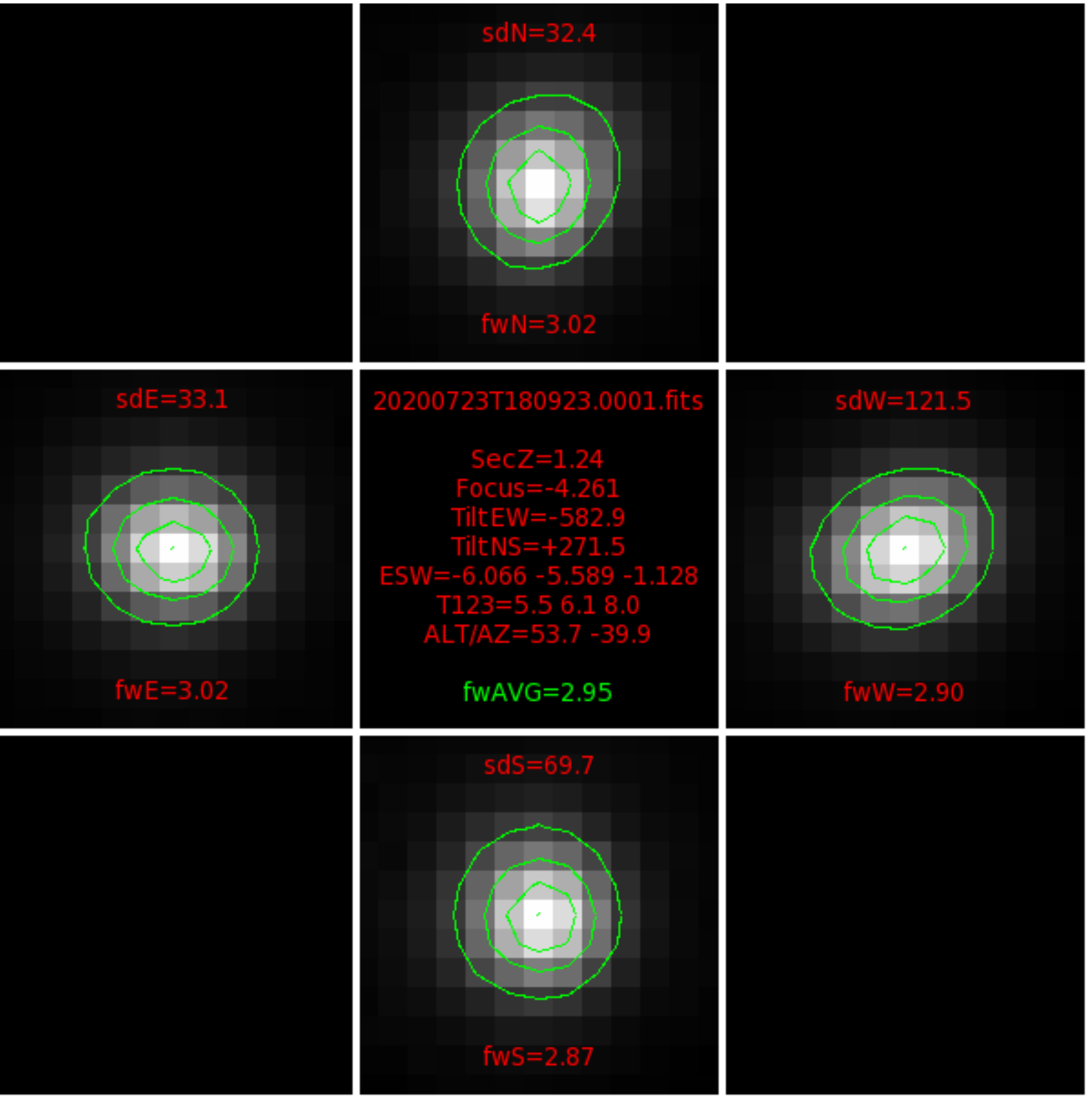
sdN=32.4
fwN=3.02
sdE=33.1
fwE=3.02
20200723T180923.0001.fits
SecZ=1.24
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=53.7 -39.9
fwAVG=2.95
sdW=121.5
fwW=2.90
sdS=69.7
fwS=2.87
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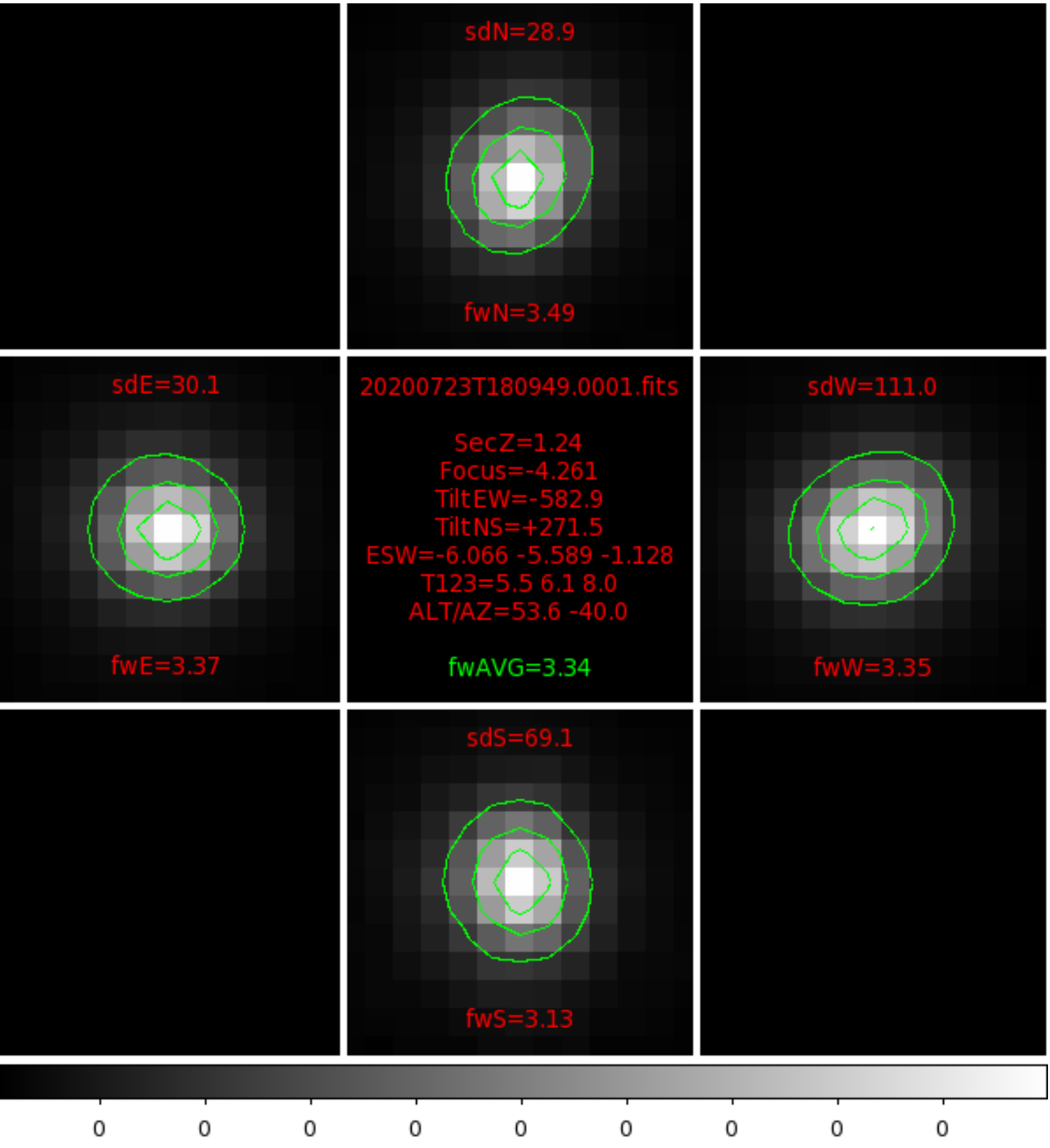
sdN=28.9
fwN=3.49
sdE=30.1
fwE=3.37
20200723T180949.0001.fits
SecZ=1.24
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=53.6 -40.0
fwAVG=3.34
sdW=111.0
fwW=3.35
sdS=69.1
fwS=3.13
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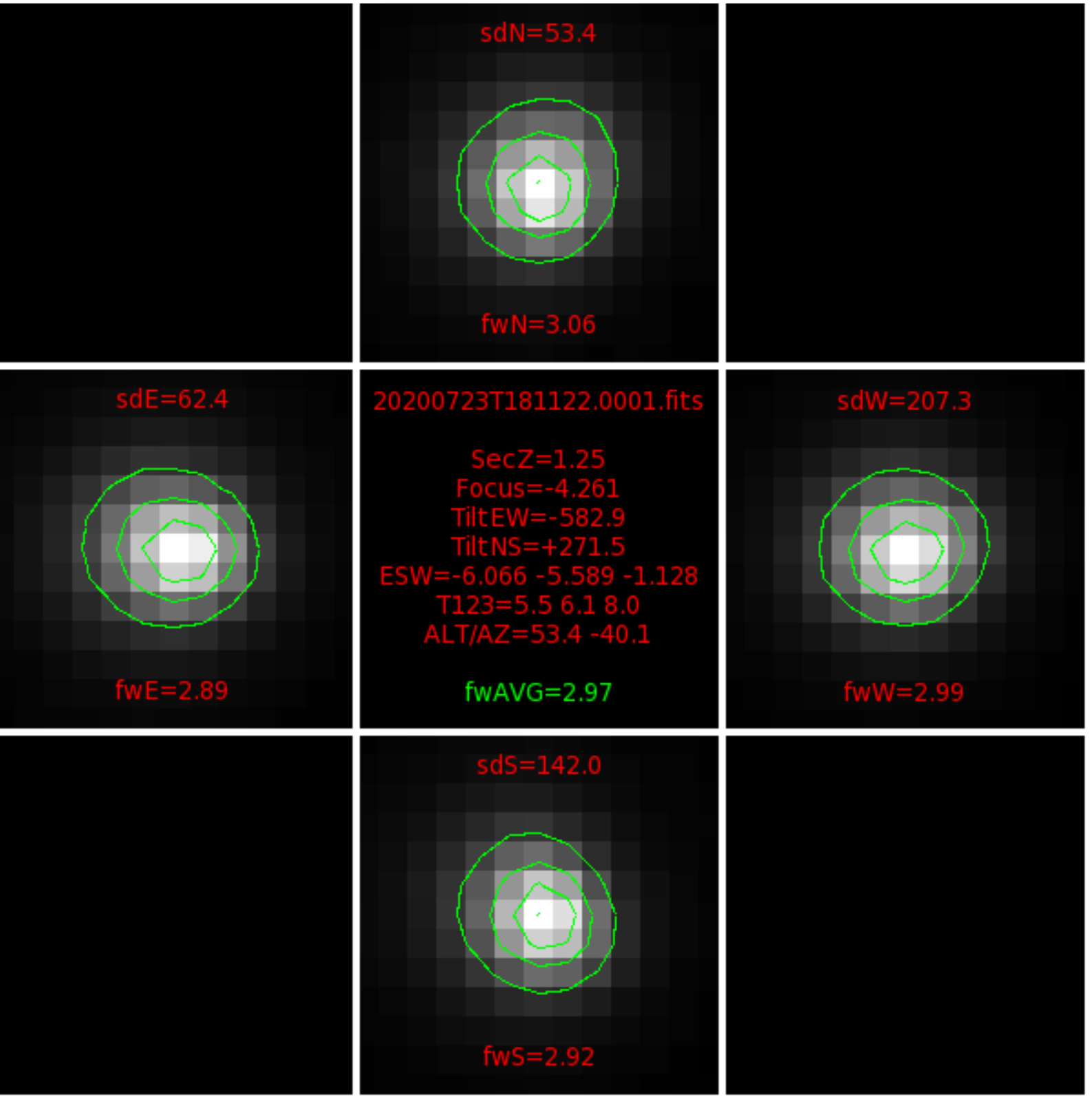
sdN=53.4
fwN=3.06
sdE=62.4
fwE=2.89
20200723T181122.0001.fits
SecZ=1.25
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 6.1 8.0
ALT/AZ=53.4 -40.1
fwAVG=2.97
sdW=207.3
fwW=2.99
sdS=142.0
fwS=2.92
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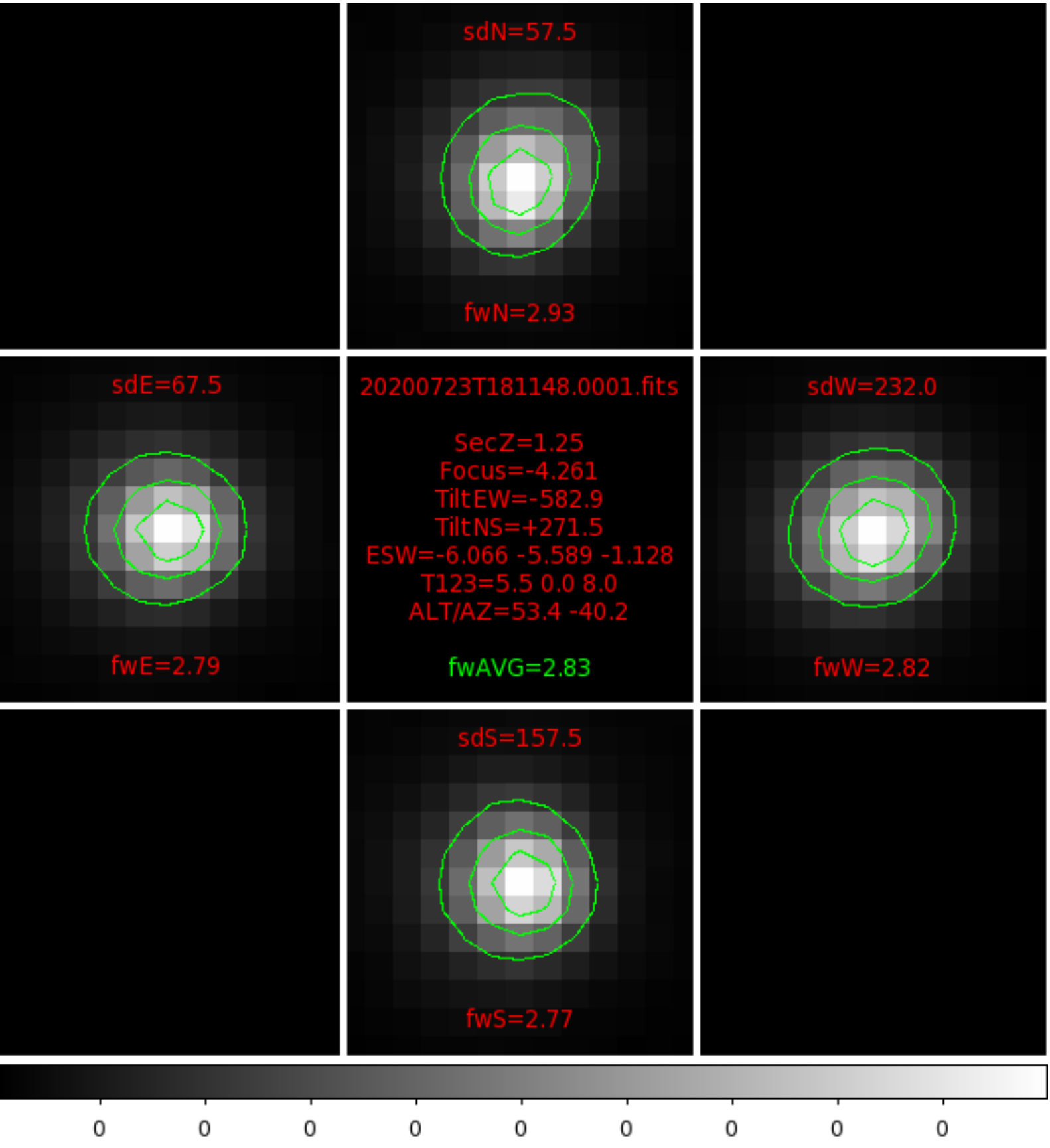
sdN=57.5
fwN=2.93
sdE=67.5
fwE=2.79
20200723T181148.0001.fits
SecZ=1.25
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.5 0.0 8.0
ALT/AZ=53.4 -40.2
fwAVG=2.83
sdW=232.0
fwW=2.82
sdS=157.5
fwS=2.77
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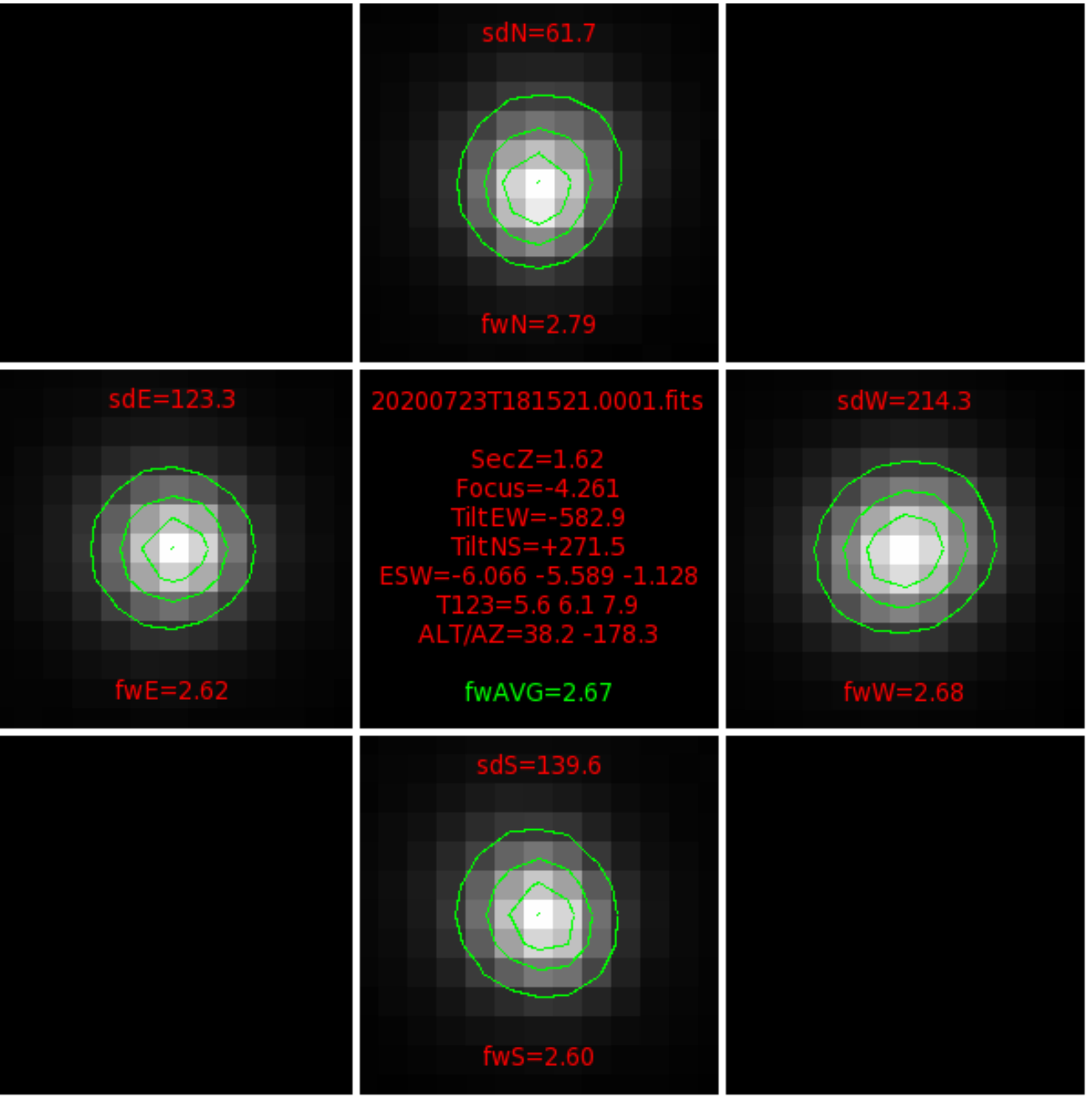
sdN=61.7
fwN=2.79
sdE=123.3
fwE=2.62
20200723T181521.0001.fits
SecZ=1.62
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.6 6.1 7.9
ALT/AZ=38.2 -178.3
fwAVG=2.67
sdW=214.3
fwW=2.68
sdS=139.6
fwS=2.60
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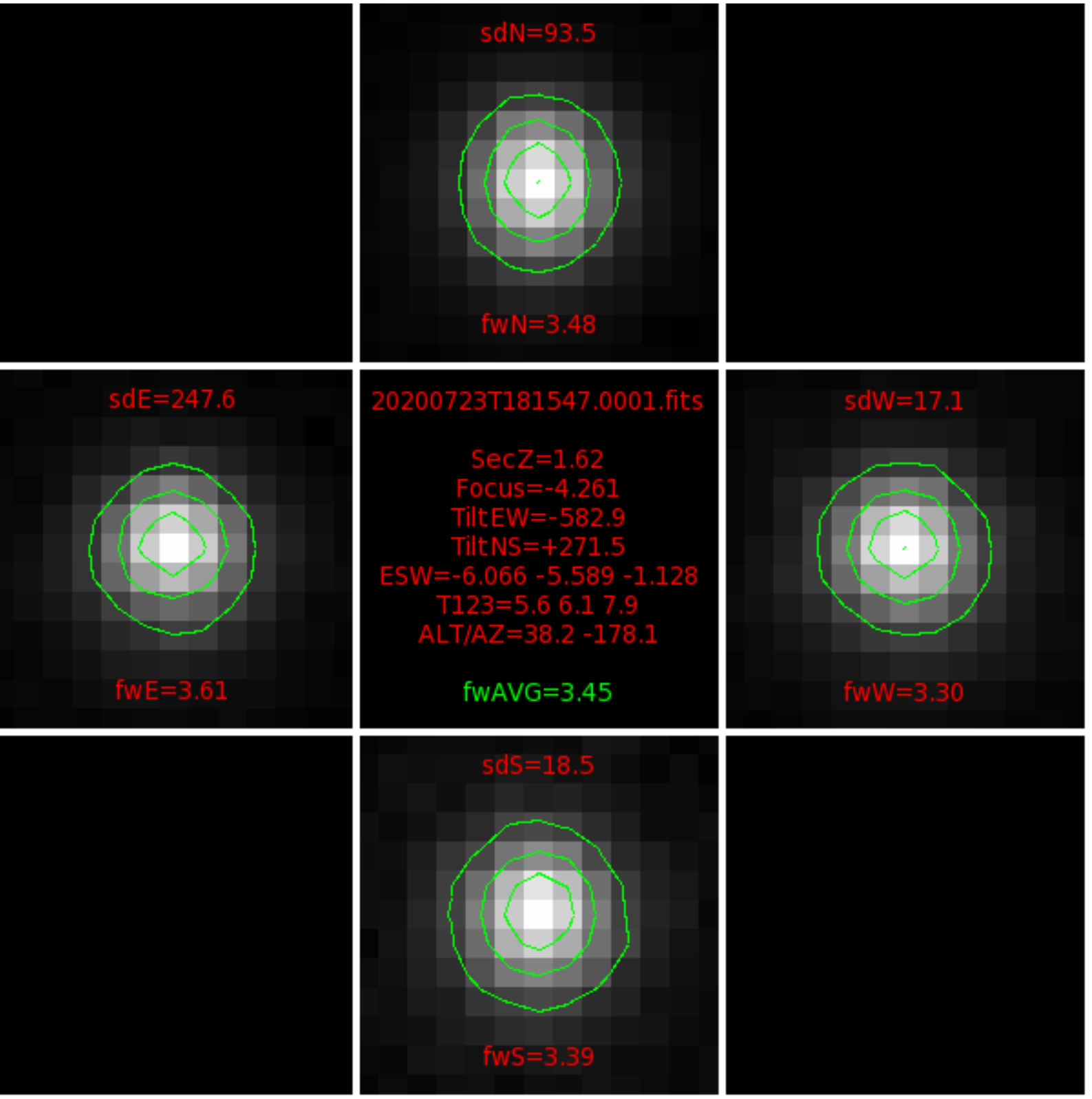
sdN=93.5
fwN=3.48
sdE=247.6
fwE=3.61
20200723T181547.0001.fits
SecZ=1.62
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.6 6.1 7.9
ALT/AZ=38.2 -178.1
fwAVG=3.45
sdW=17.1
fwW=3.30
sdS=18.5
fwS=3.39
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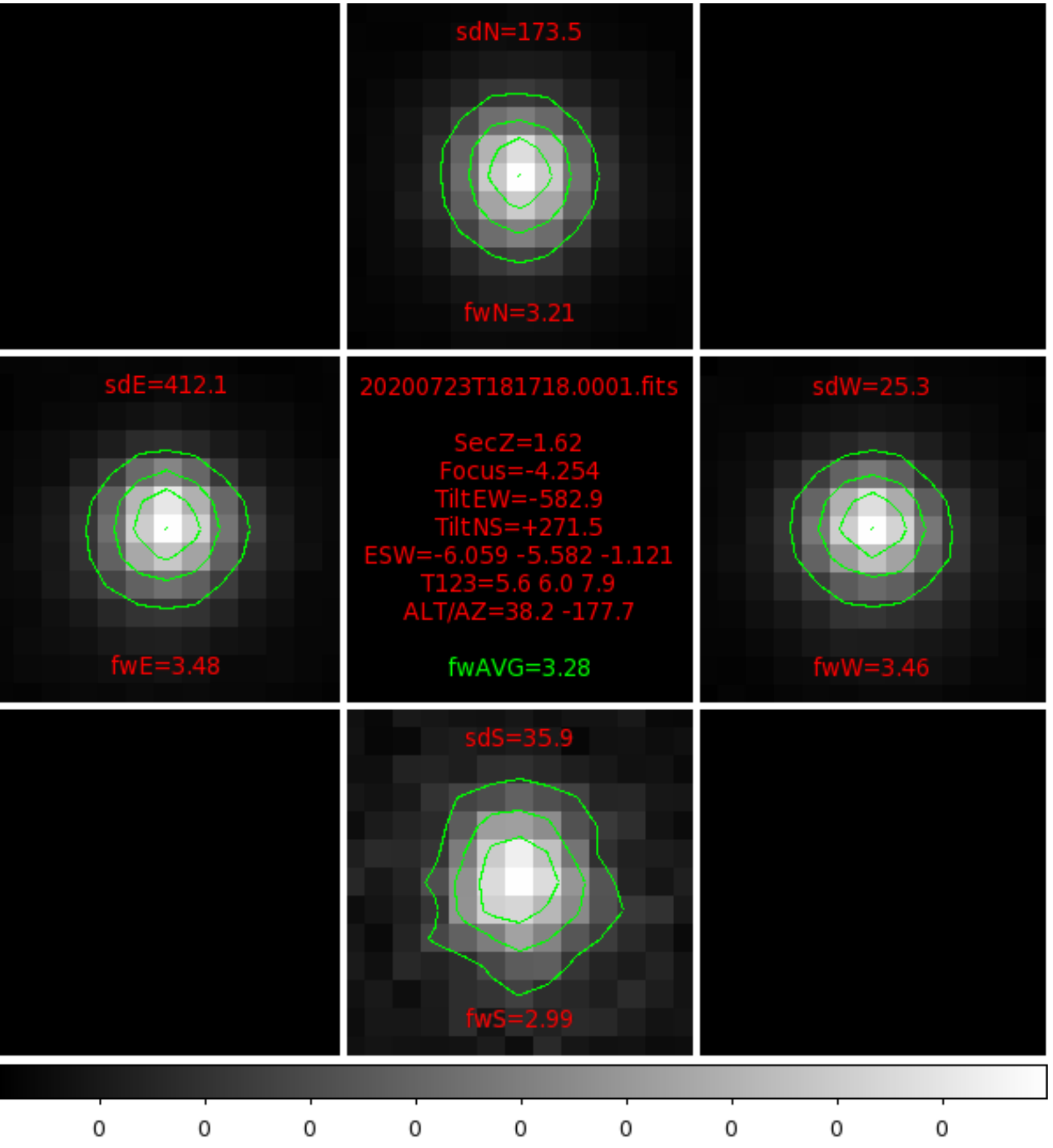
sdN=173.5
fwN=3.21
sdE=412.1
fwE=3.48
20200723T181718.0001.fits
SecZ=1.62
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.0 7.9
ALT/AZ=38.2 -177.7
fwAVG=3.28
sdW=25.3
fwW=3.46
sdS=35.9
fwS=2.99
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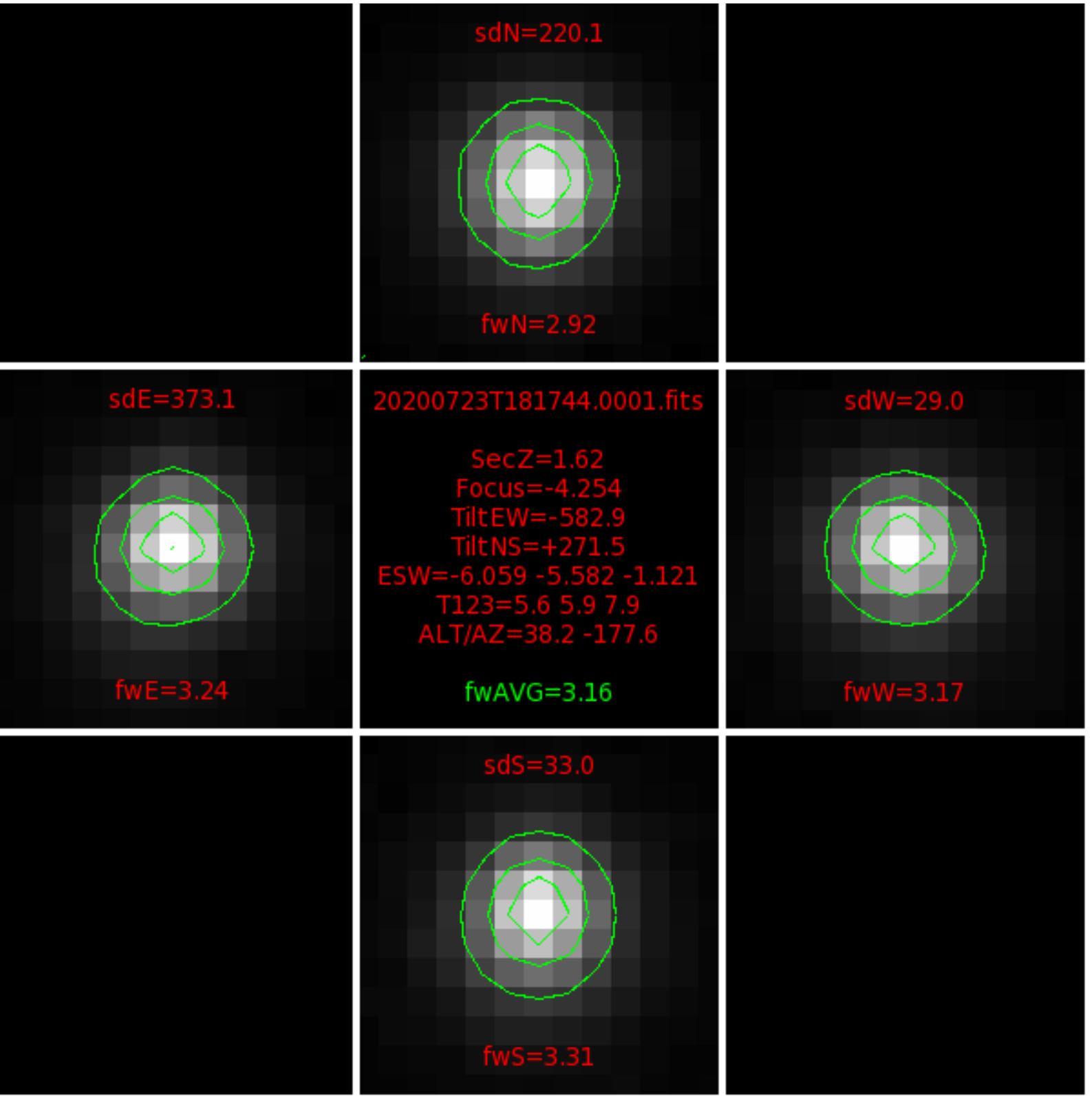
sdN=220.1
fwN=2.92
sdE=373.1
fwE=3.24
20200723T181744.0001.fits
SecZ=1.62
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 5.9 7.9
ALT/AZ=38.2 -177.6
fwAVG=3.16
sdW=29.0
fwW=3.17
sdS=33.0
fwS=3.31
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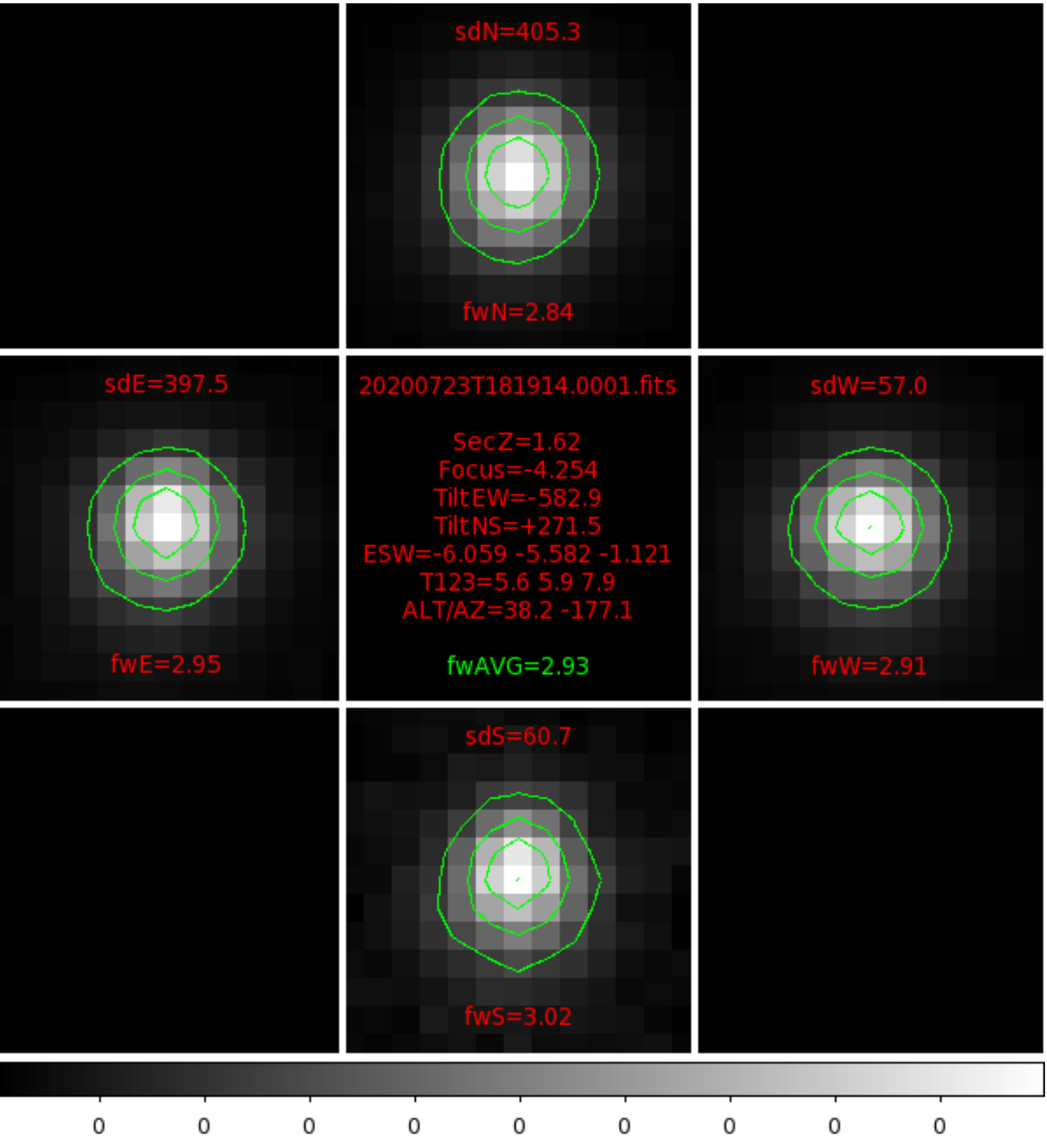
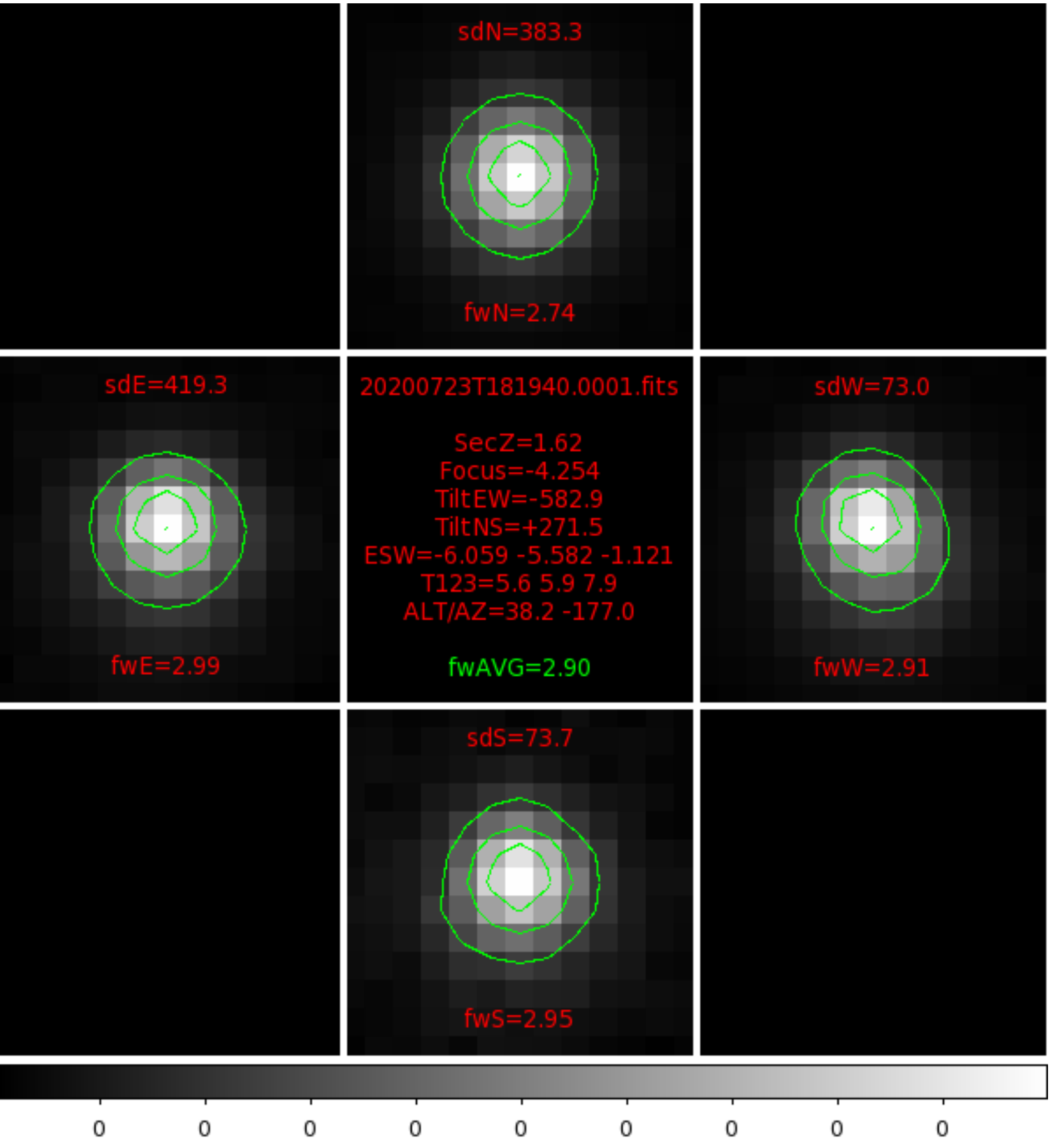

sdN=405.3
fwN=2.84
sdE=397.5
fwE=2.95
20200723T181914.0001.fits
SecZ=1.62
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 5.9 7.9
ALT/AZ=38.2 -177.1
fwAVG=2.93
sdW=57.0
fwW=2.91
sdS=60.7
fwS=3.02
0 0 0 0 0 0 0 0 0


sdN=383.3
fwN=2.74
sdE=419.3
fwE=2.99
20200723T181940.0001.fits
SecZ=1.62
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 5.9 7.9
ALT/AZ=38.2 -177.0
fwAVG=2.90
sdW=73.0
fwW=2.91
sdS=73.7
fwS=2.95
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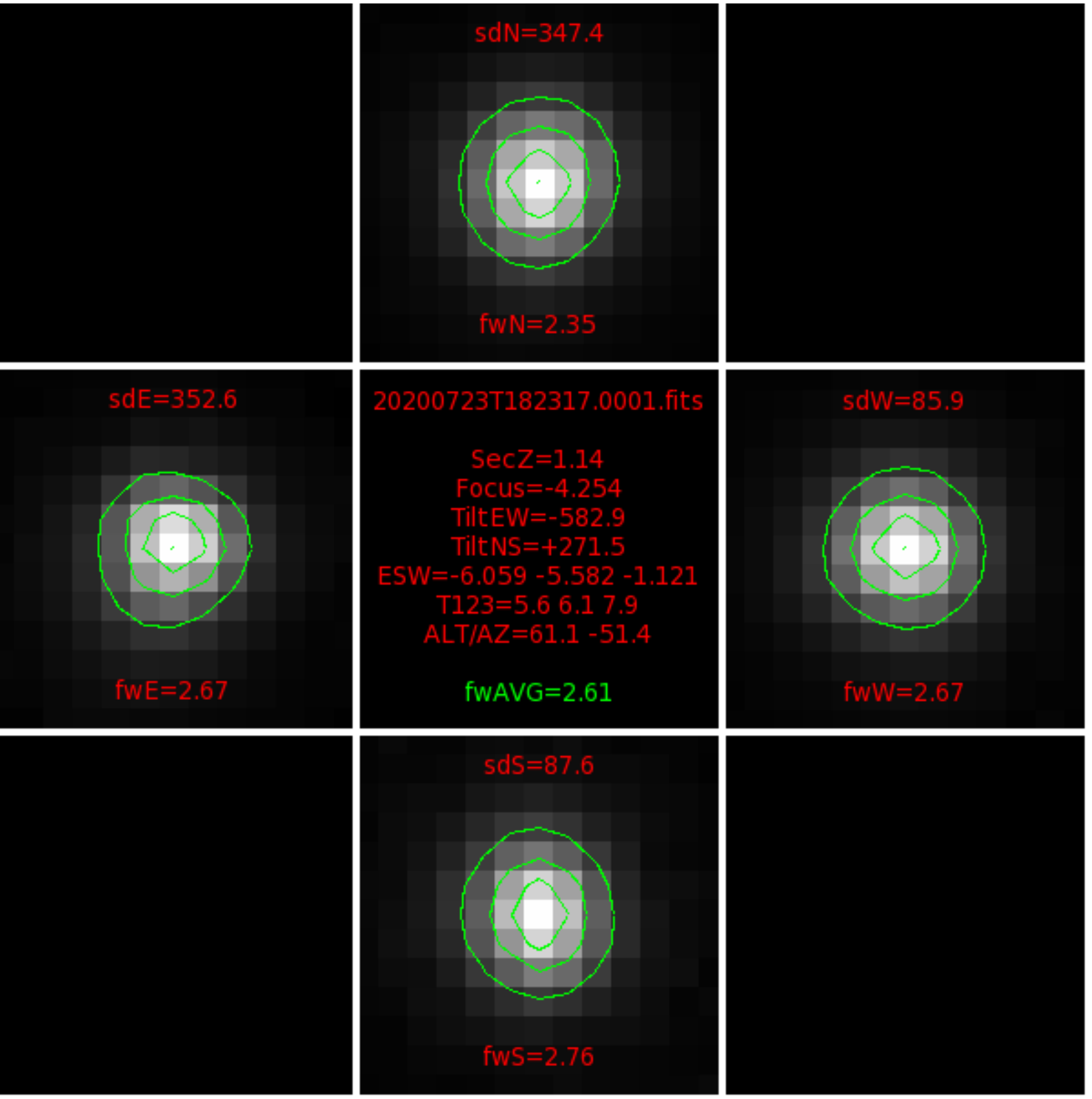
sdN=347.4
fwN=2.35
sdE=352.6
fwE=2.67
20200723T182317.0001.fits
SecZ=1.14
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=61.1 -51.4
fwAVG=2.61
sdW=85.9
fwW=2.67
sdS=87.6
fwS=2.76
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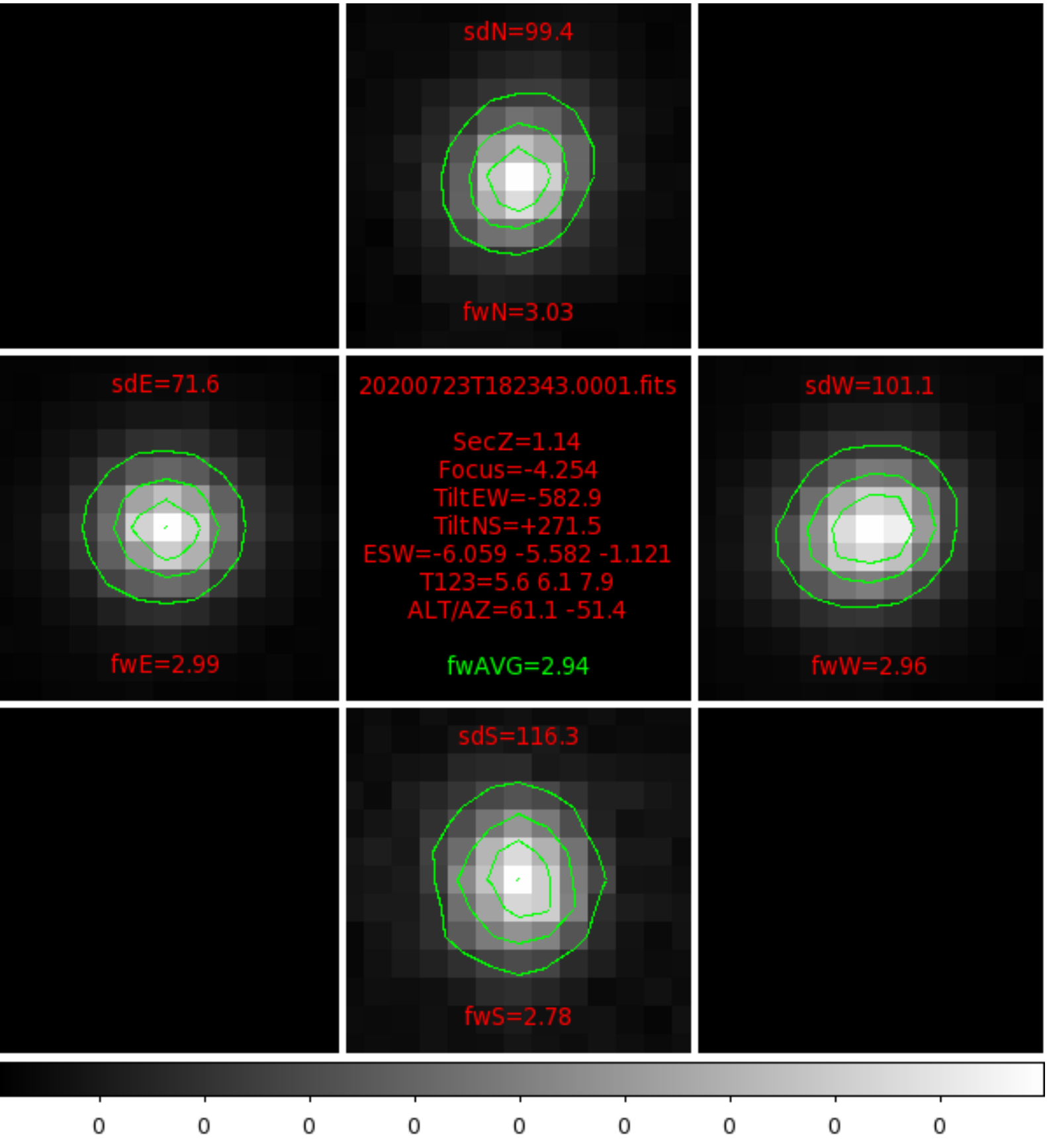
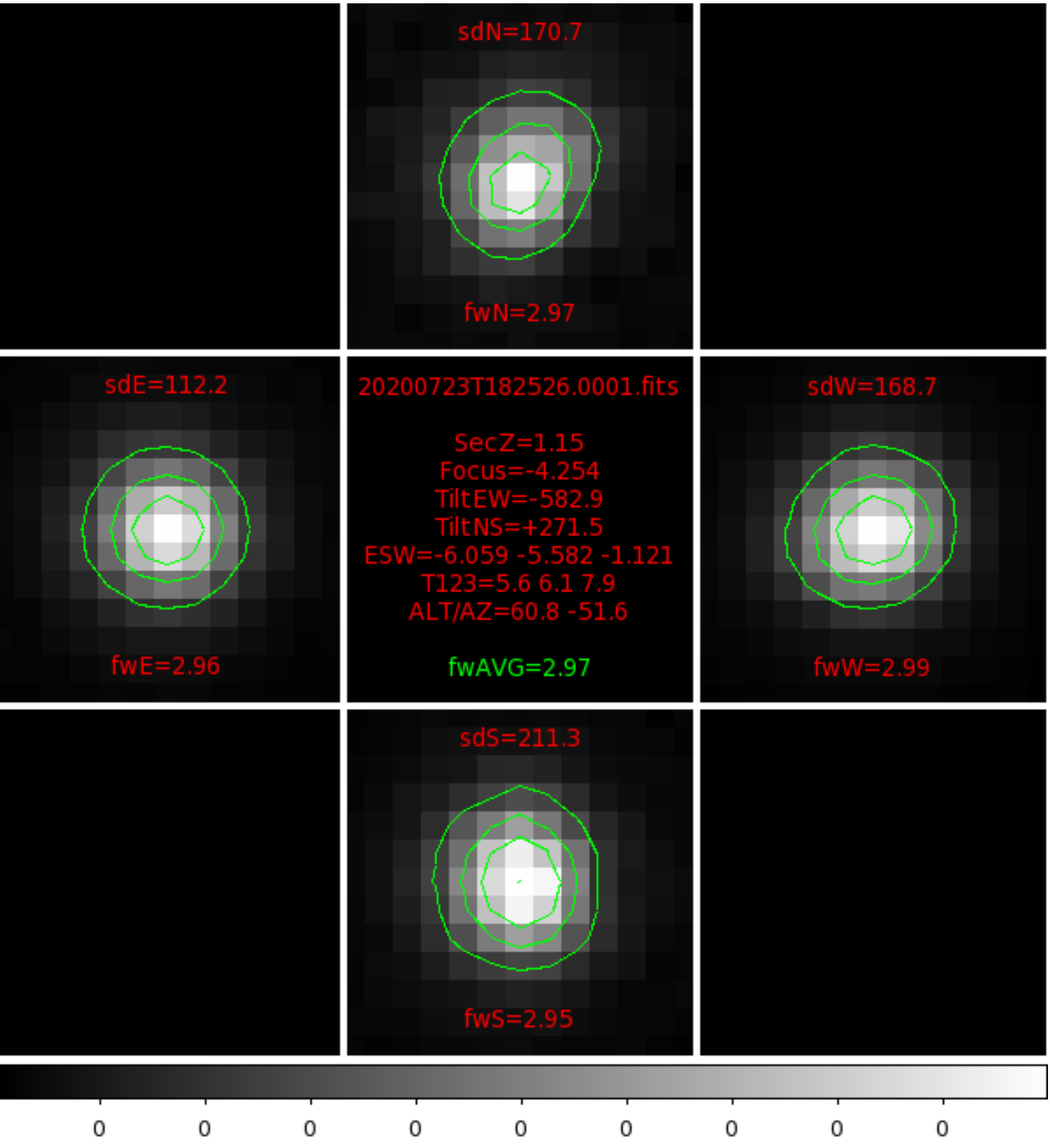

sdN=99.4
fwN=3.03
sdE=71.6
fwE=2.99
20200723T182343.0001.fits
SecZ=1.14
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=61.1 -51.4
fwAVG=2.94
sdW=101.1
fwW=2.96
sdS=116.3
fwS=2.78
0 0 0 0 0 0 0 0 0


sdN=170.7
fwN=2.97
sdE=112.2
fwE=2.96
20200723T182526.0001.fits
SecZ=1.15
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=60.8 -51.6
fwAVG=2.97
sdW=168.7
fwW=2.99
sdS=211.3
fwS=2.95
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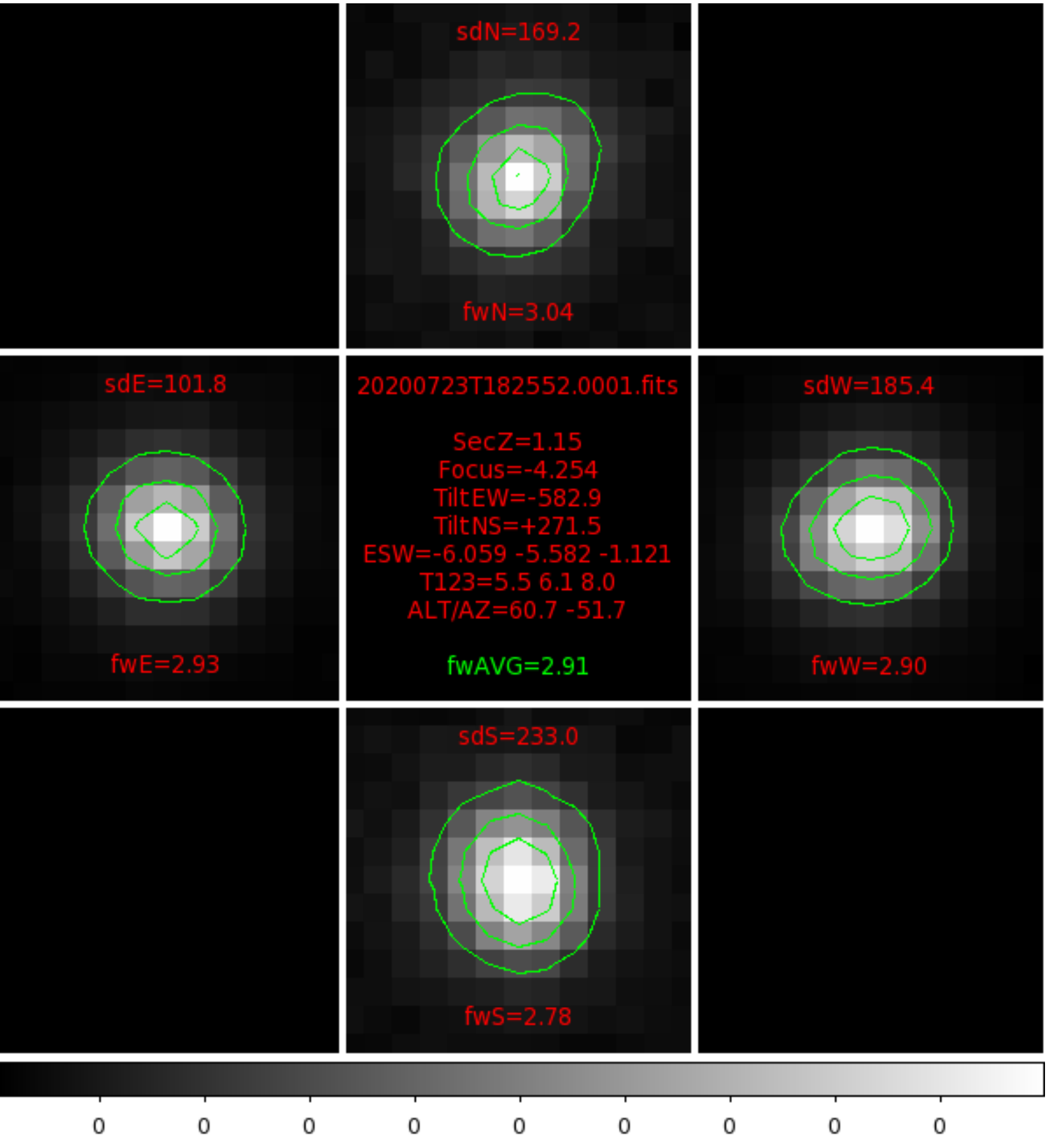
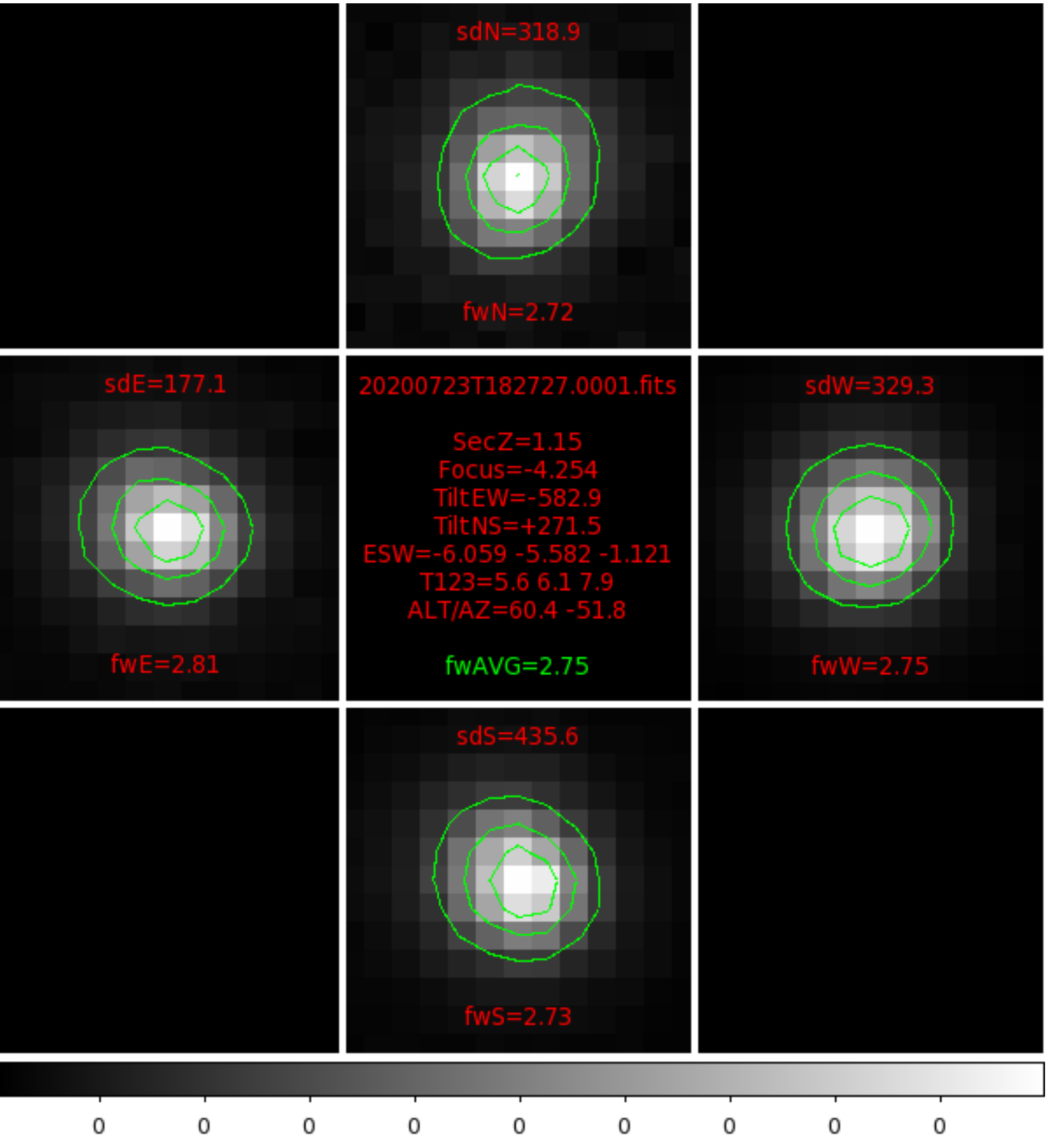

sdN=169.2
fwN=3.04
sdE=101.8
fwE=2.93
20200723T182552.0001.fits
SecZ=1.15
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.5 6.1 8.0
ALT/AZ=60.7 -51.7
fwAVG=2.91
sdW=185.4
fwW=2.90
sdS=233.0
fwS=2.78
0 0 0 0 0 0 0 0 0


sdN=318.9
fwN=2.72
sdE=177.1
fwE=2.81
20200723T182727.0001.fits
SecZ=1.15
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=60.4 -51.8
fwAVG=2.75
sdW=329.3
fwW=2.75
sdS=435.6
fwS=2.73
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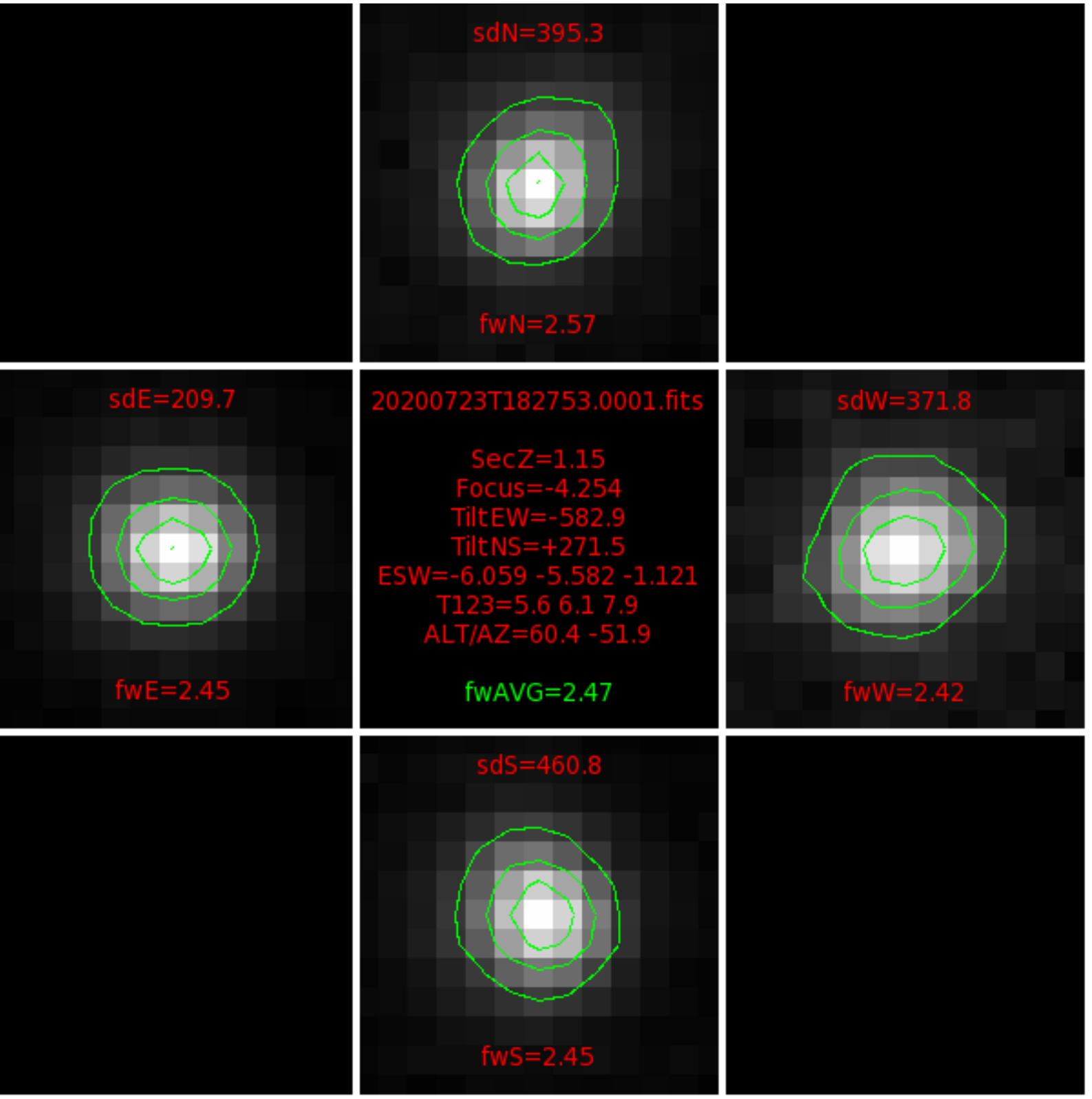
sdN=395.3
fwN=2.57
sdE=209.7
fwE=2.45
20200723T182753.0001.fits
SecZ=1.15
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=60.4 -51.9
fwAVG=2.47
sdW=371.8
fwW=2.42
sdS=460.8
fwS=2.45
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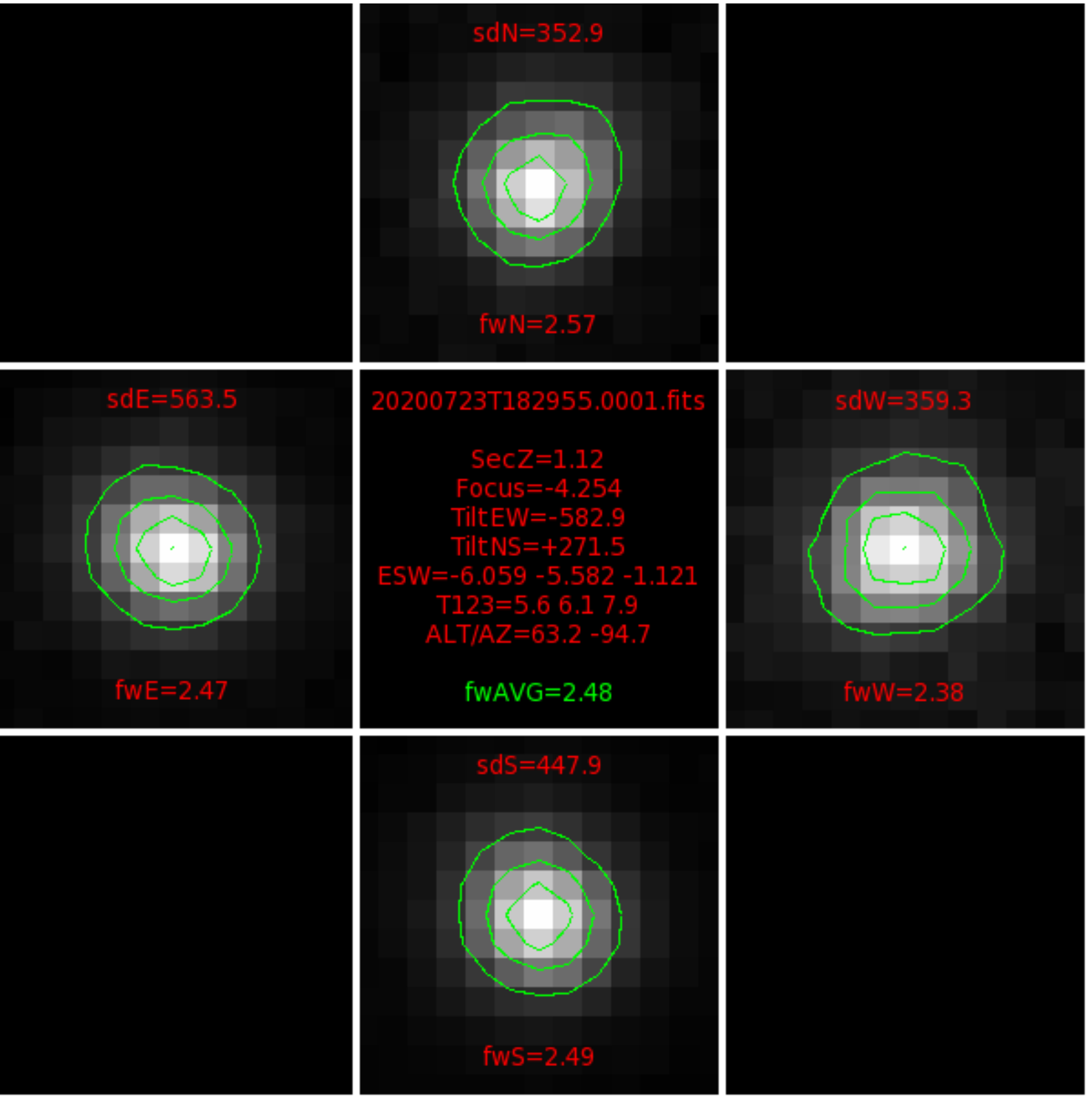
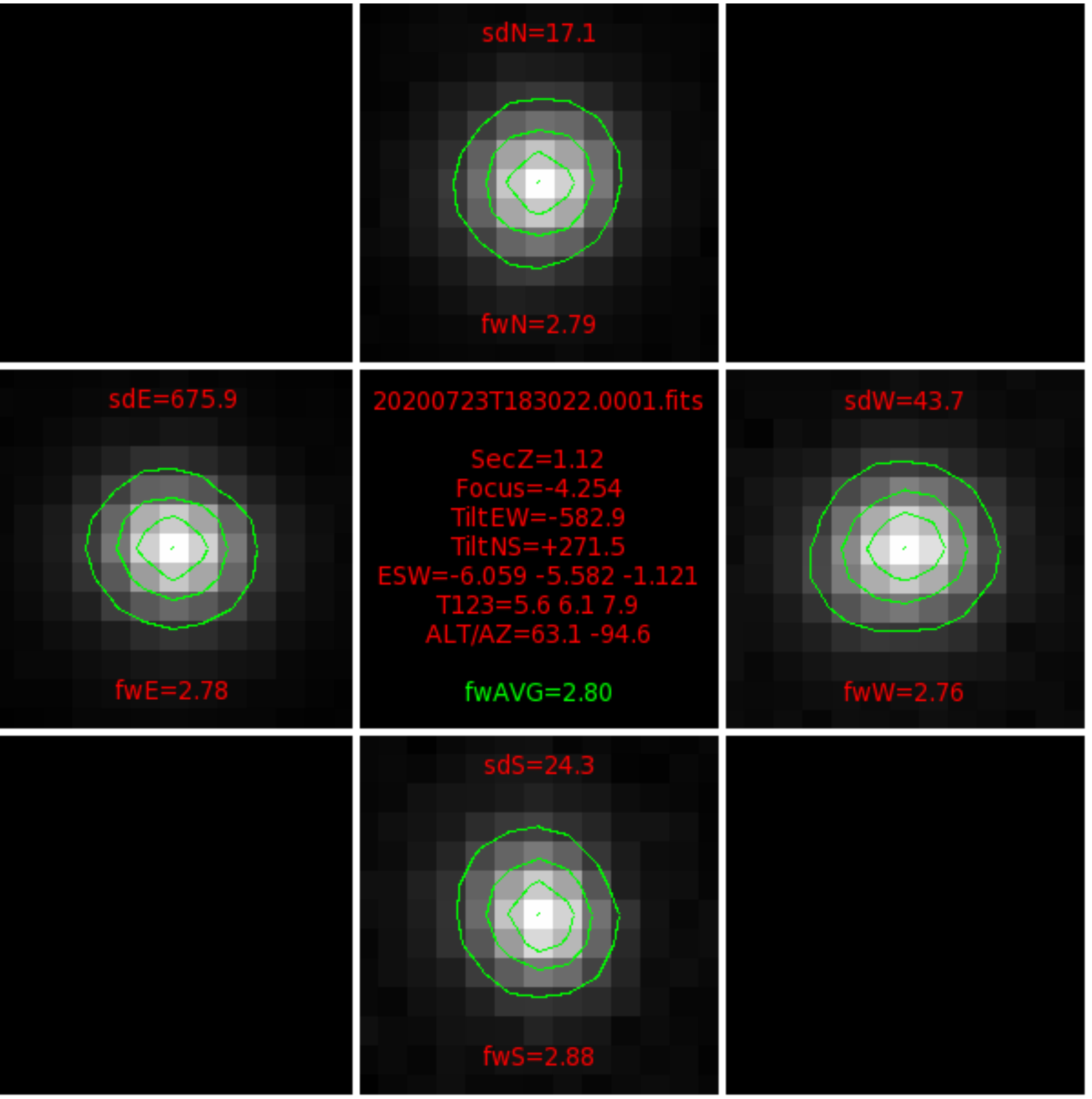

sdN=352.9
fwN=2.57
sdE=563.5
fwE=2.47
20200723T182955.0001.fits
SecZ=1.12
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=63.2 -94.7
fwAVG=2.48
sdW=359.3
fwW=2.38
sdS=447.9
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=17.1
fwN=2.79
sdE=675.9
fwE=2.78
20200723T183022.0001.fits
SecZ=1.12
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=63.1 -94.6
fwAVG=2.80
sdW=43.7
fwW=2.76
sdS=24.3
fwS=2.88
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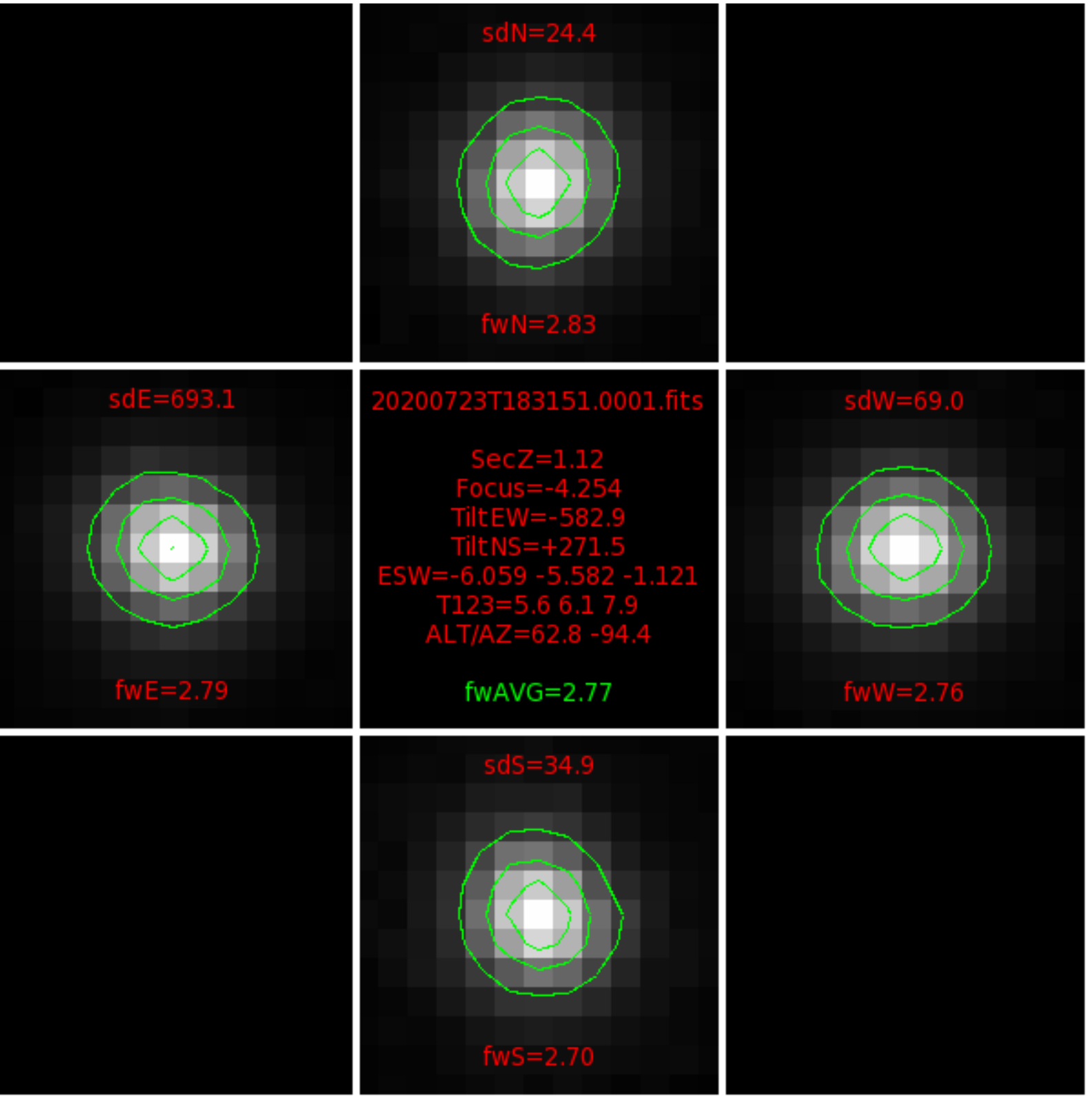
sdN=24.4
fwN=2.83
sdE=693.1
fwE=2.79
20200723T183151.0001.fits
SecZ=1.12
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=62.8 -94.4
fwAVG=2.77
sdW=69.0
fwW=2.76
sdS=34.9
fwS=2.70
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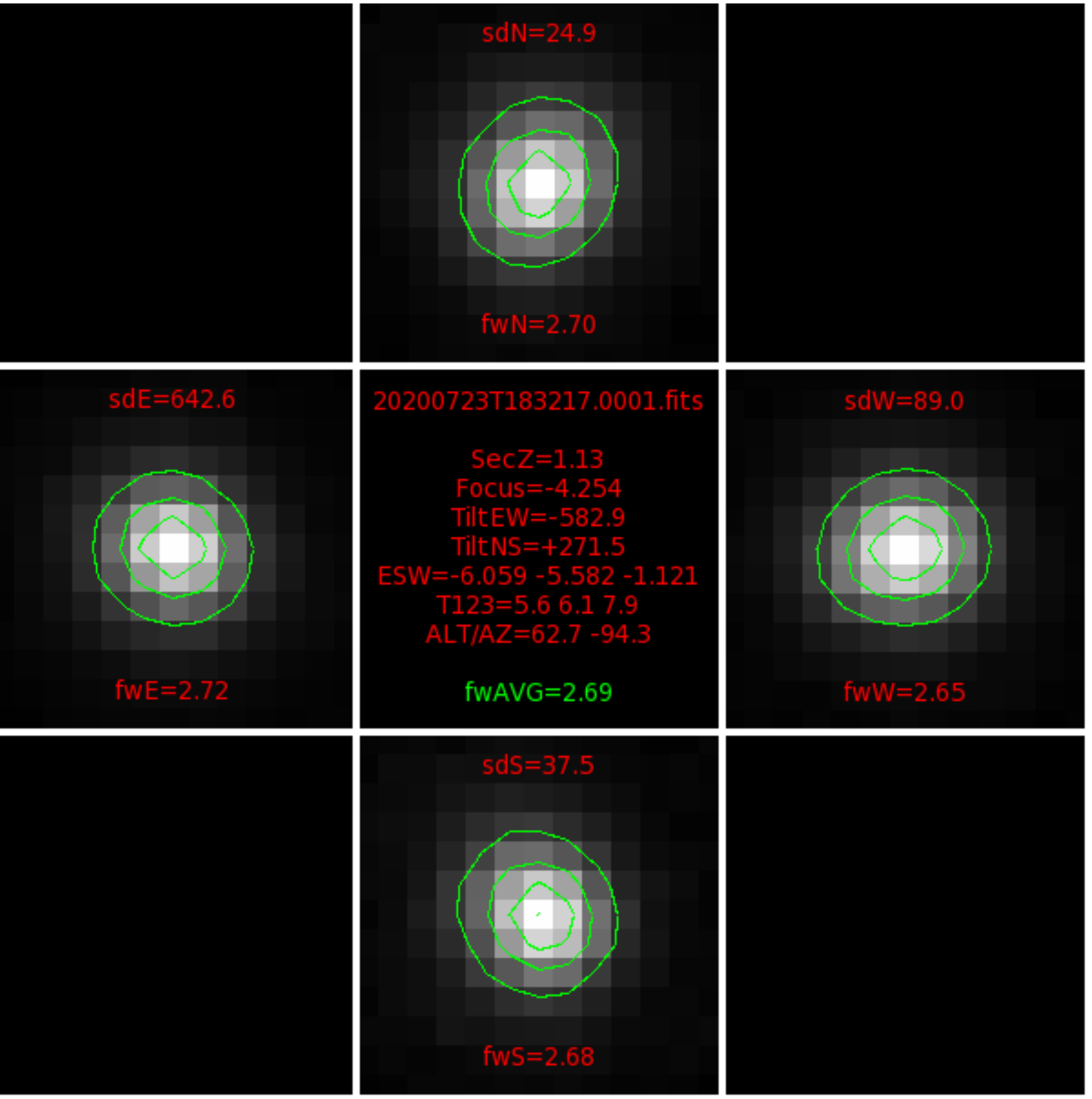
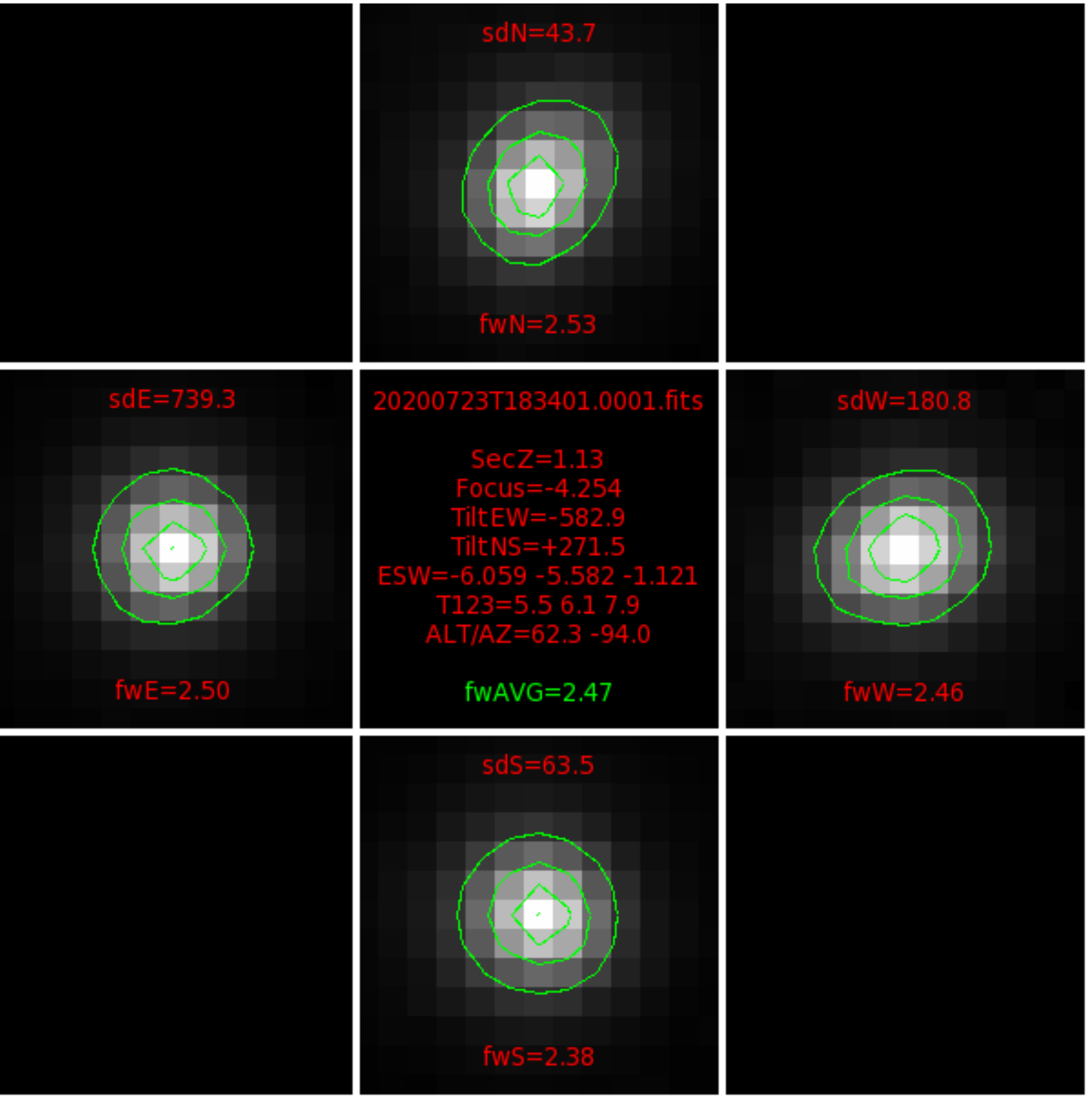
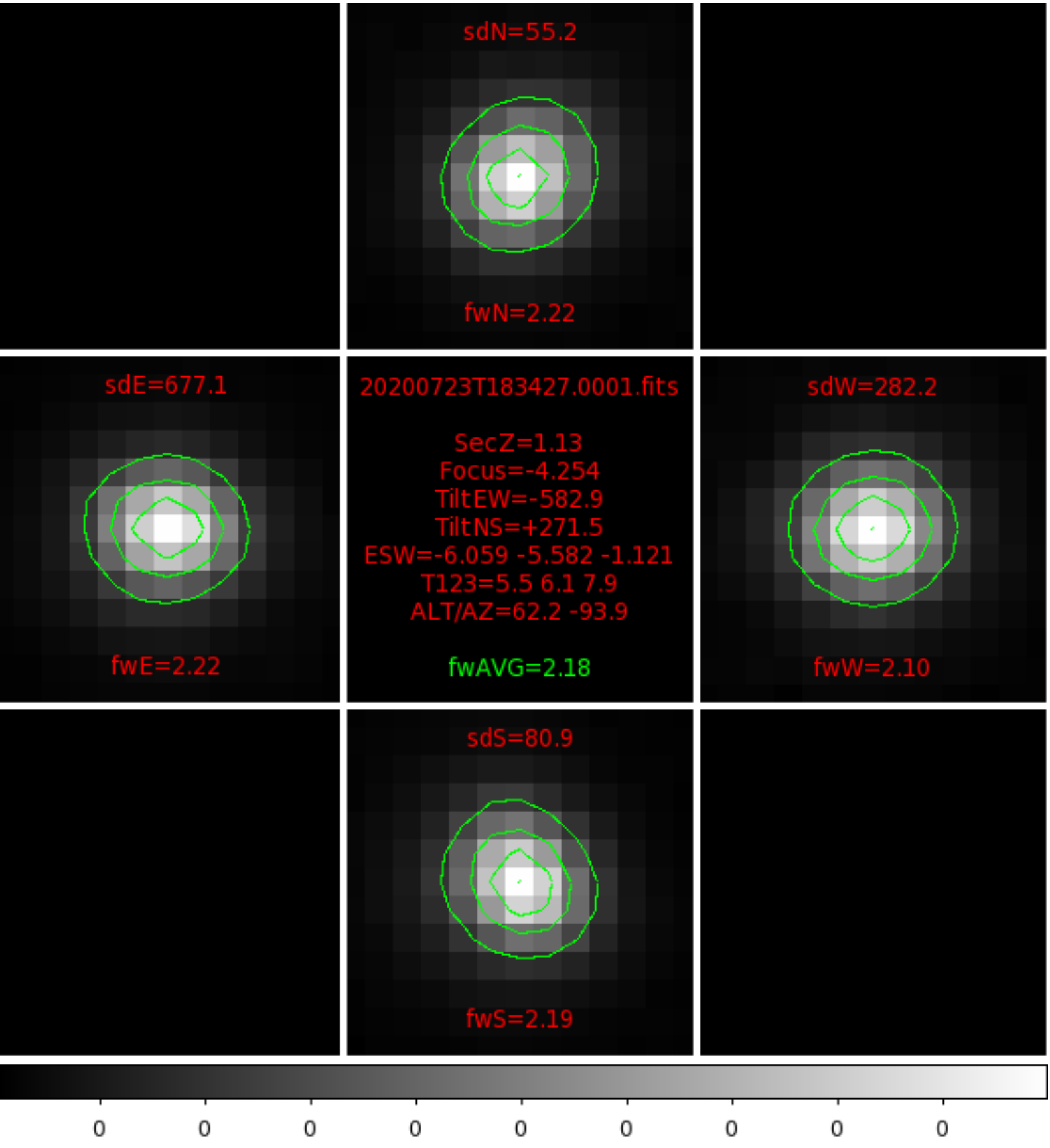

sdN=24.9
fwN=2.70
sdE=642.6
fwE=2.72
20200723T183217.0001.fits
SecZ=1.13
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=62.7 -94.3
fwAVG=2.69
sdW=89.0
fwW=2.65
sdS=37.5
fwS=2.68
0 0 0 0 0 0 0 0 0


sdN=43.7
fwN=2.53
sdE=739.3
fwE=2.50
20200723T183401.0001.fits
SecZ=1.13
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.5 6.1 7.9
ALT/AZ=62.3 -94.0
fwAVG=2.47
sdW=180.8
fwW=2.46
sdS=63.5
fwS=2.38
0 0 0 0 0 0 0 0 0


sdN=55.2
fwN=2.22
sdE=677.1
fwE=2.22
20200723T183427.0001.fits
SecZ=1.13
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.5 6.1 7.9
ALT/AZ=62.2 -93.9
fwAVG=2.18
sdW=282.2
fwW=2.10
sdS=80.9
fwS=2.19
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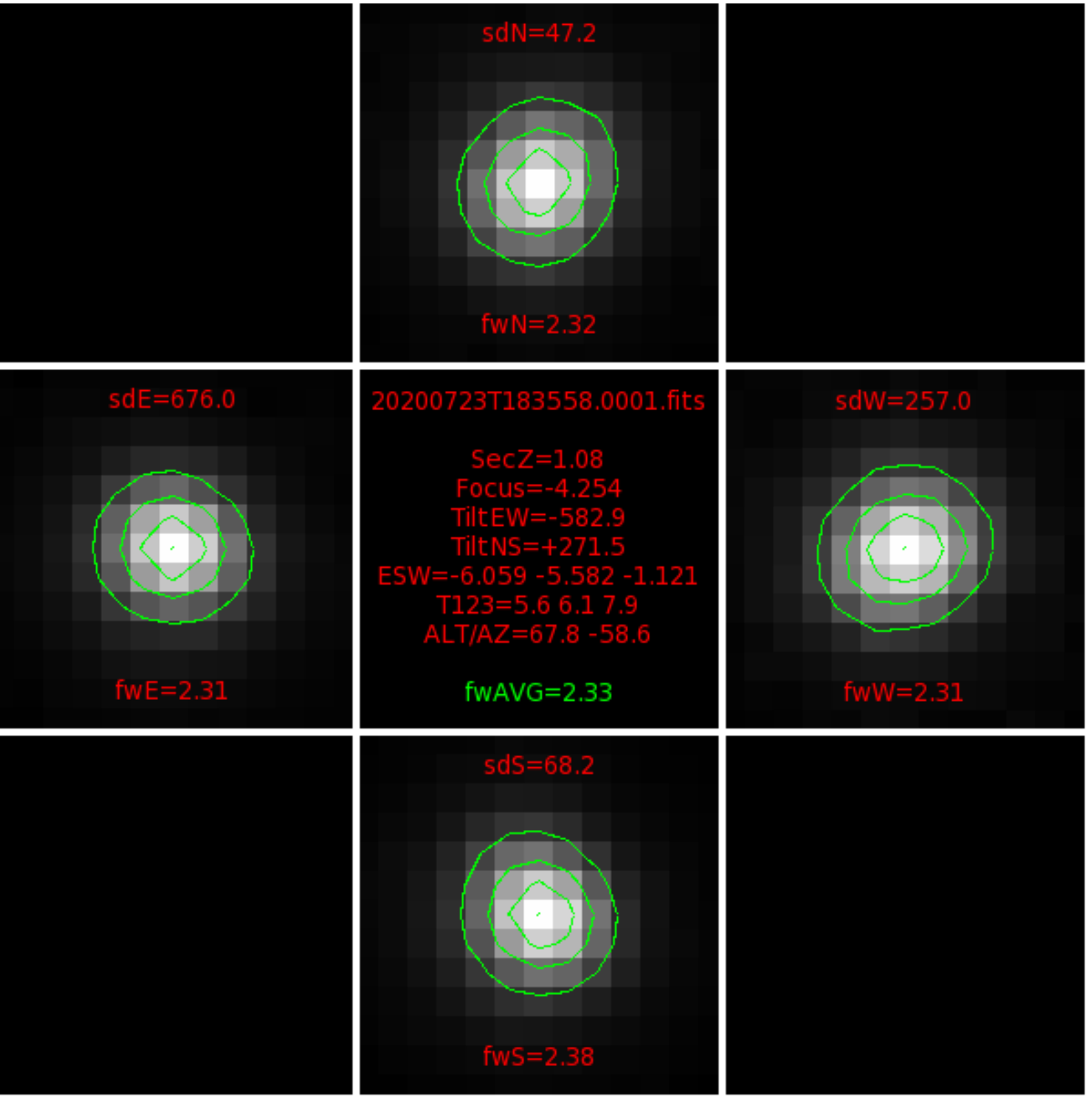
sdN=47.2
fwN=2.32
sdE=676.0
fwE=2.31
20200723T183558.0001.fits
SecZ=1.08
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=67.8 -58.6
fwAVG=2.33
sdW=257.0
fwW=2.31
sdS=68.2
fwS=2.38
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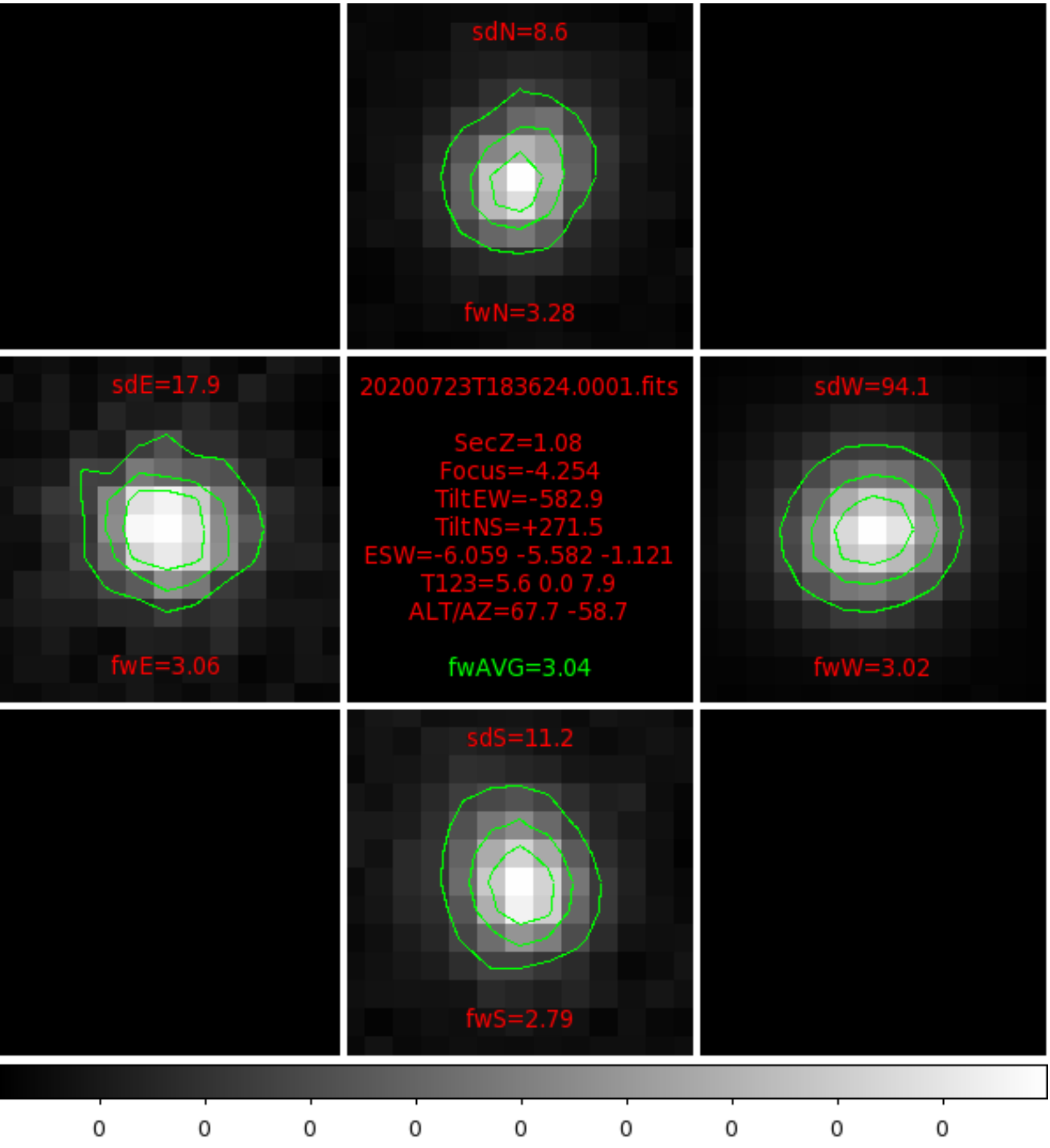
sdN=8.6
fwN=3.28
sdE=17.9
fwE=3.06
20200723T183624.0001.fits
SecZ=1.08
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 0.0 7.9
ALT/AZ=67.7 -58.7
fwAVG=3.04
sdW=94.1
fwW=3.02
sdS=11.2
fwS=2.79
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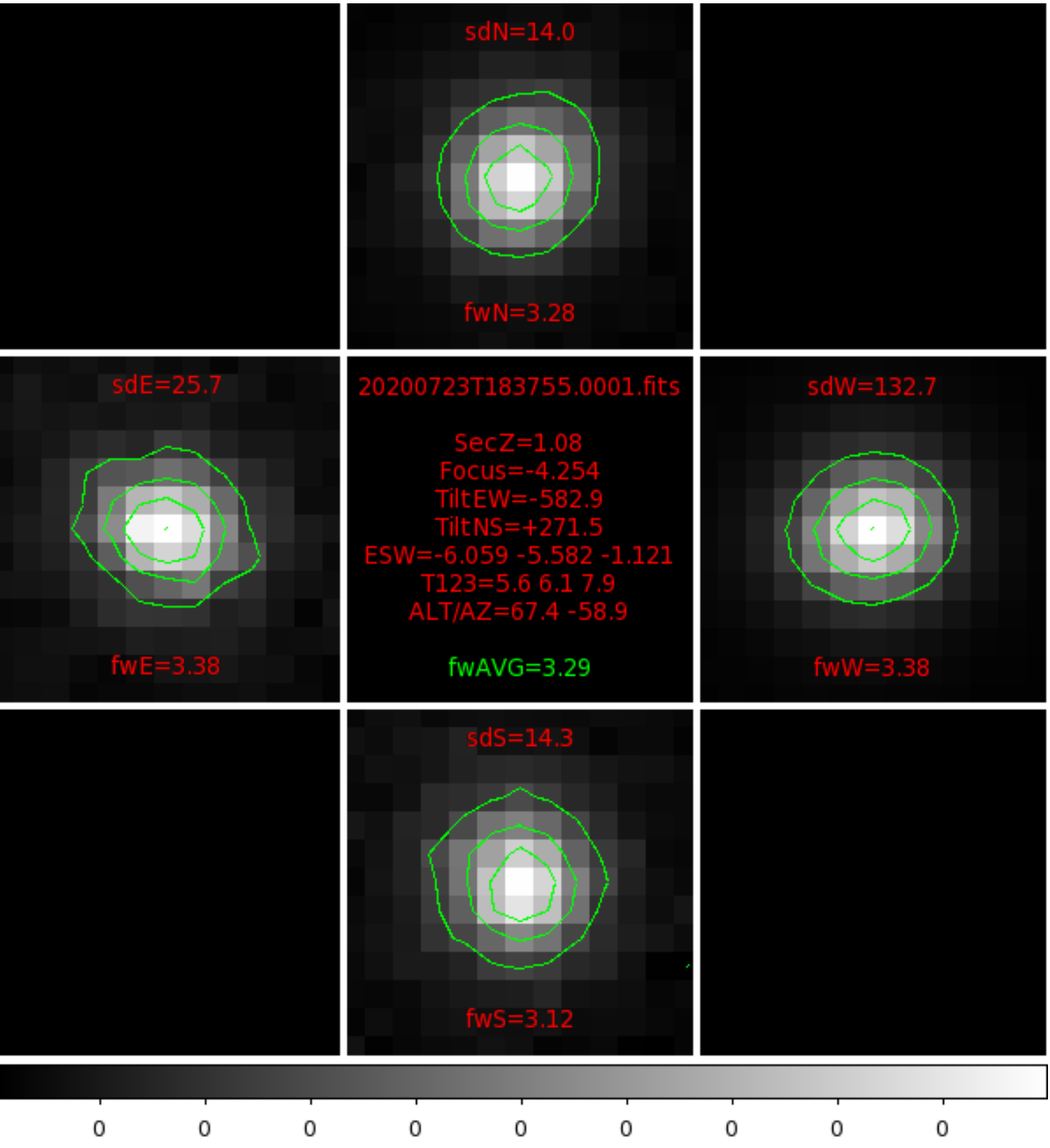
sdN=14.0
fwN=3.28
sdE=25.7
fwE=3.38
20200723T183755.0001.fits
SecZ=1.08
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=67.4 -58.9
fwAVG=3.29
sdW=132.7
fwW=3.38
sdS=14.3
fwS=3.12
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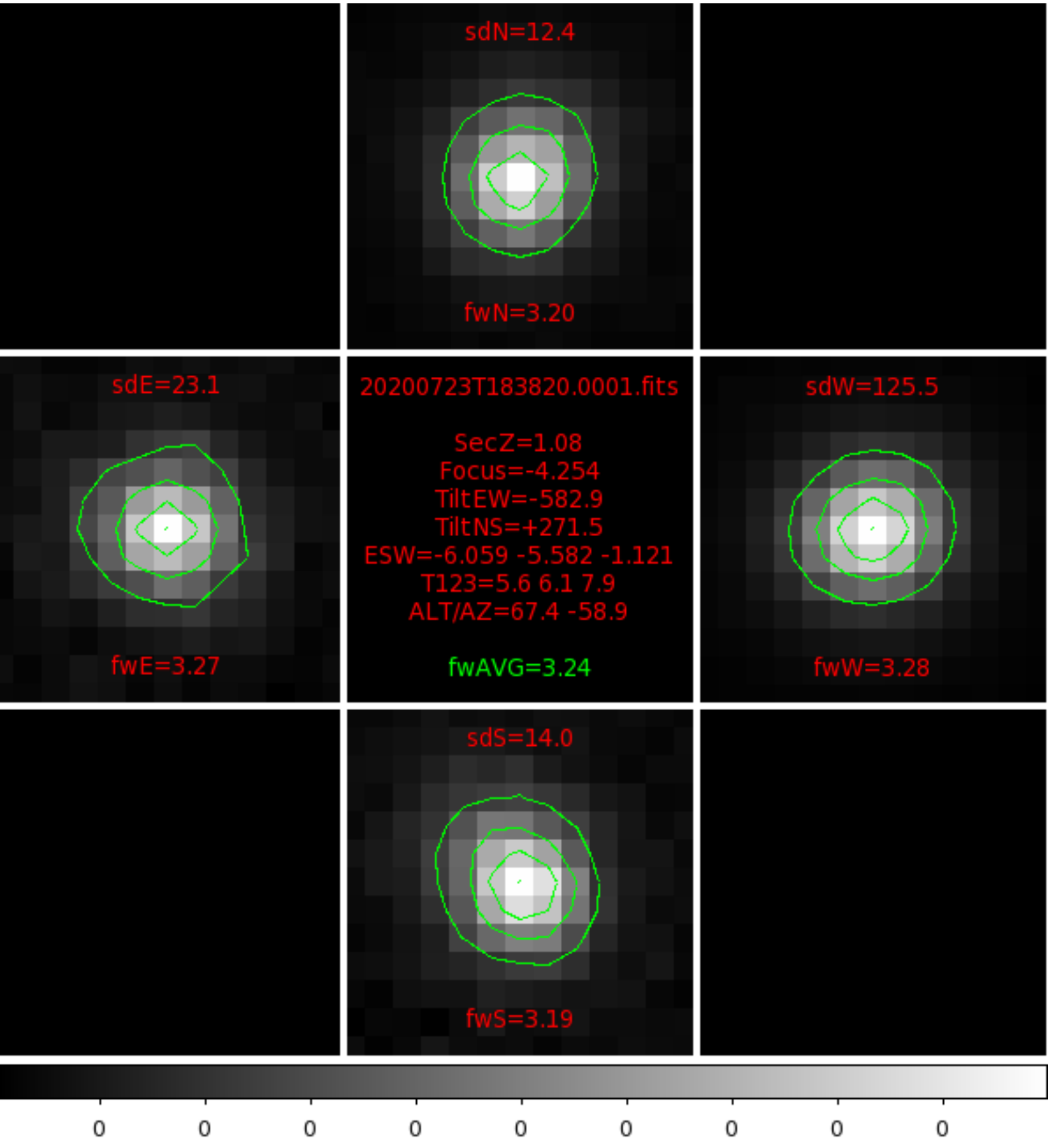
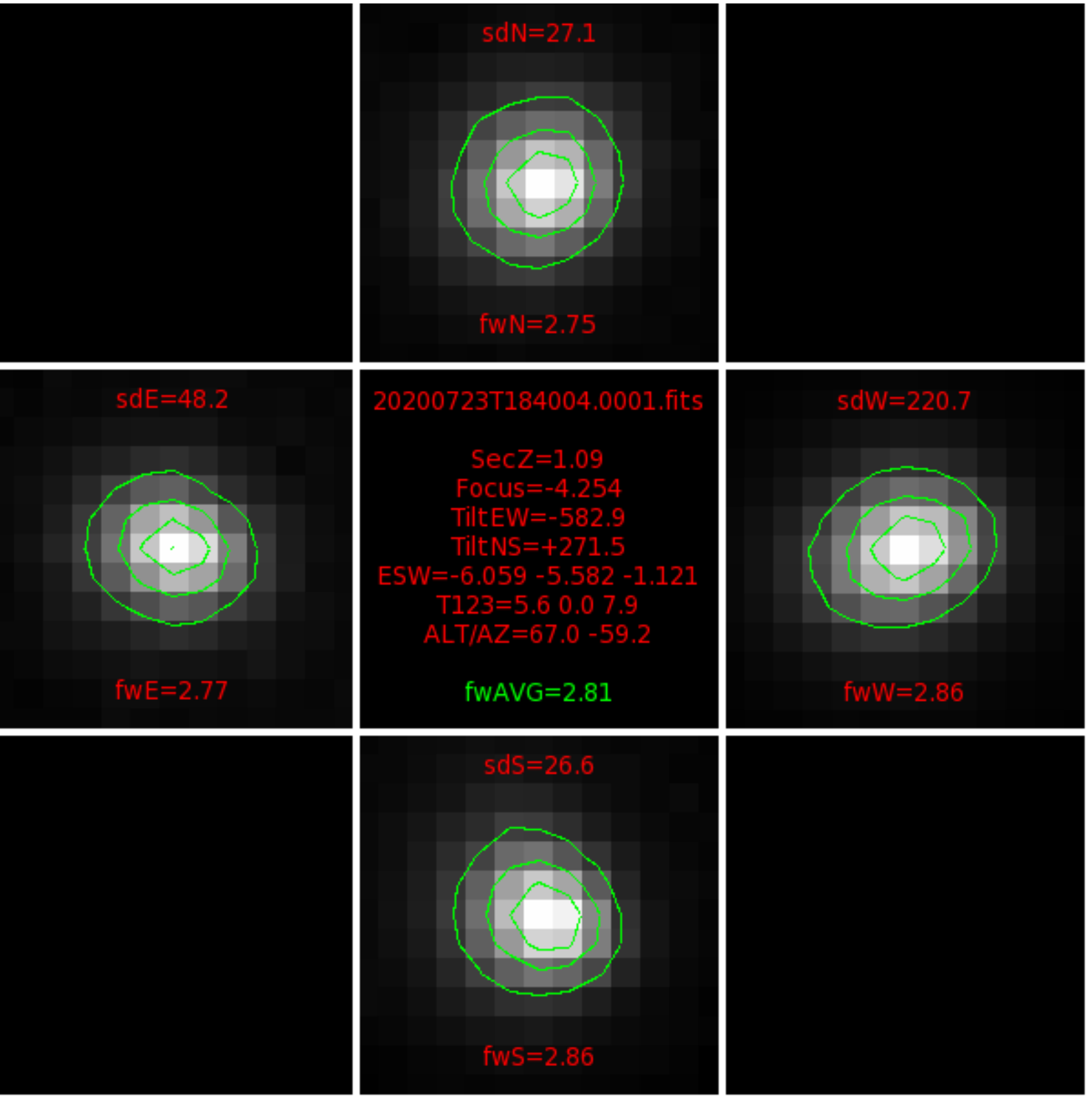
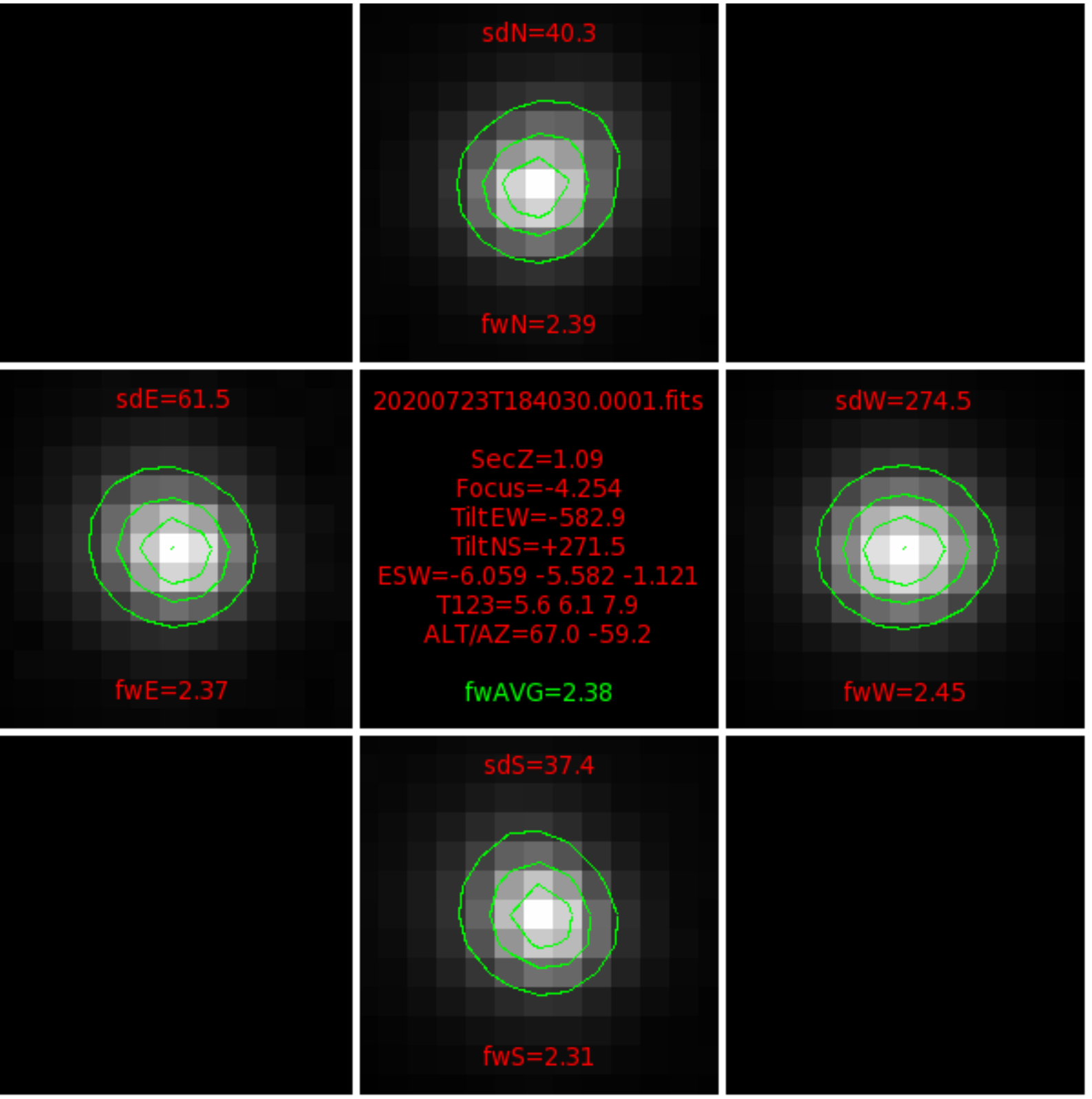

sdN=12.4
fwN=3.20
sdE=23.1
fwE=3.27
20200723T183820.0001.fits
SecZ=1.08
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=67.4 -58.9
fwAVG=3.24
sdW=125.5
fwW=3.28
sdS=14.0
fwS=3.19
0 0 0 0 0 0 0 0 0


sdN=27.1
fwN=2.75
sdE=48.2
fwE=2.77
20200723T184004.0001.fits
SecZ=1.09
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 0.0 7.9
ALT/AZ=67.0 -59.2
fwAVG=2.81
sdW=220.7
fwW=2.86
sdS=26.6
fwS=2.86
0 0 0 0 0 0 0 0 0


sdN=40.3
fwN=2.39
sdE=61.5
fwE=2.37
20200723T184030.0001.fits
SecZ=1.09
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=67.0 -59.2
fwAVG=2.38
sdW=274.5
fwW=2.45
sdS=37.4
fwS=2.31
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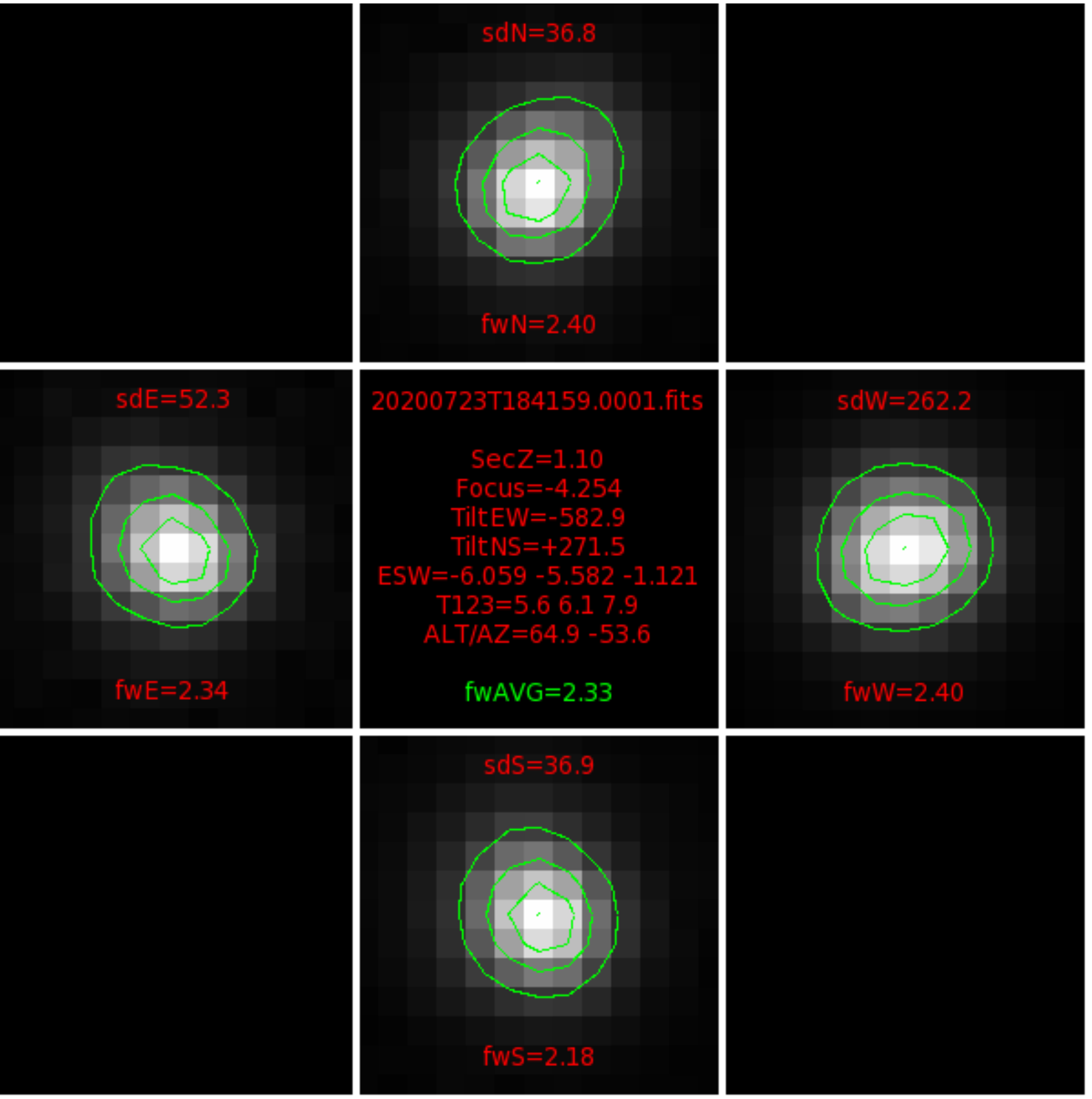
sdN=36.8
fwN=2.40
sdE=52.3
fwE=2.34
20200723T184159.0001.fits
SecZ=1.10
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=64.9 -53.6
fwAVG=2.33
sdW=262.2
fwW=2.40
sdS=36.9
fwS=2.18
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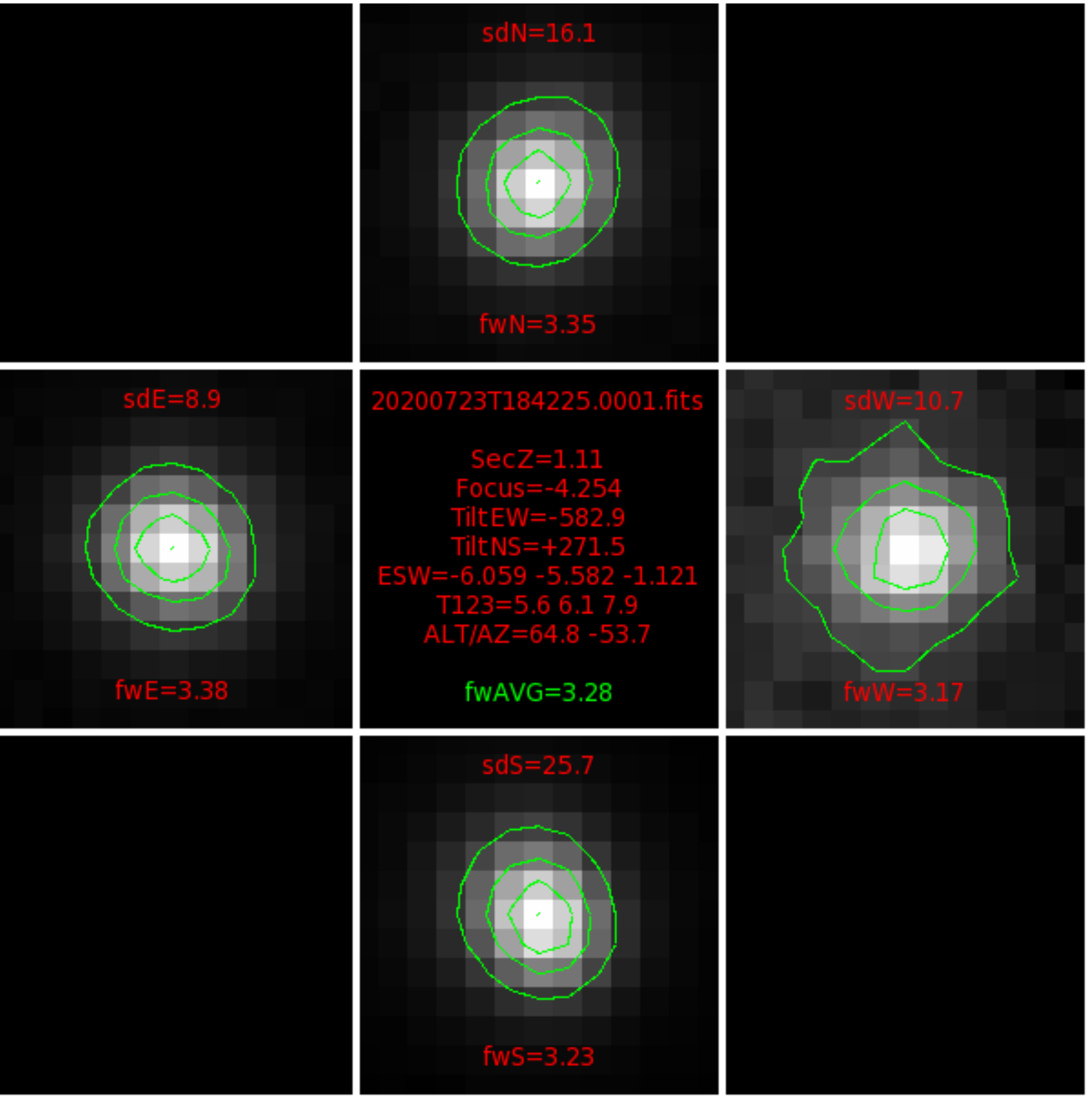
sdN=16.1
fwN=3.35
sdE=8.9
fwE=3.38
20200723T184225.0001.fits
SecZ=1.11
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=64.8 -53.7
fwAVG=3.28
sdW=10.7
fwW=3.17
sdS=25.7
fwS=3.23
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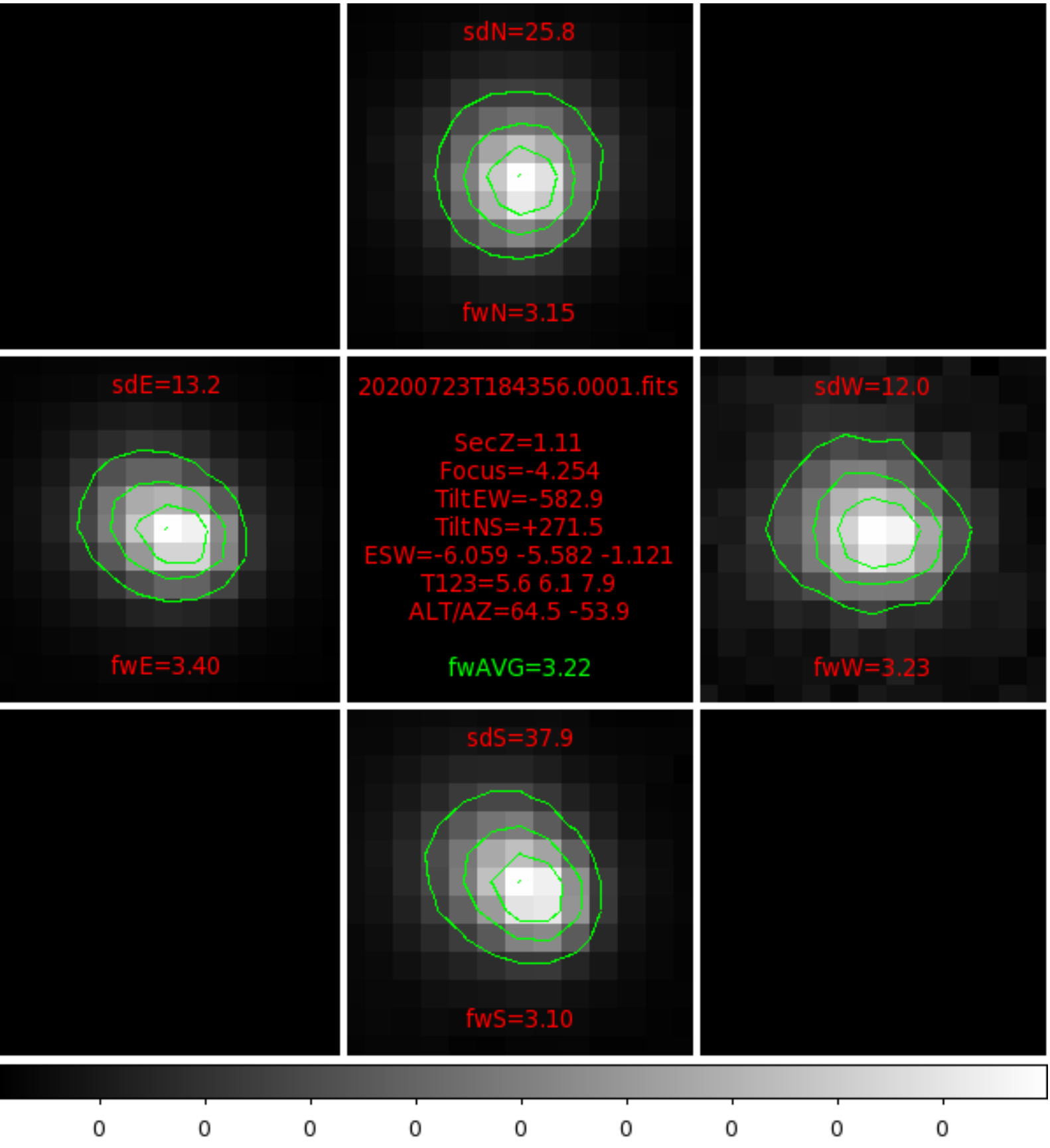
sdN=25.8
fwN=3.15
sdE=13.2
fwE=3.40
20200723T184356.0001.fits
SecZ=1.11
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=64.5 -53.9
fwAVG=3.22
sdW=12.0
fwW=3.23
sdS=37.9
fwS=3.10
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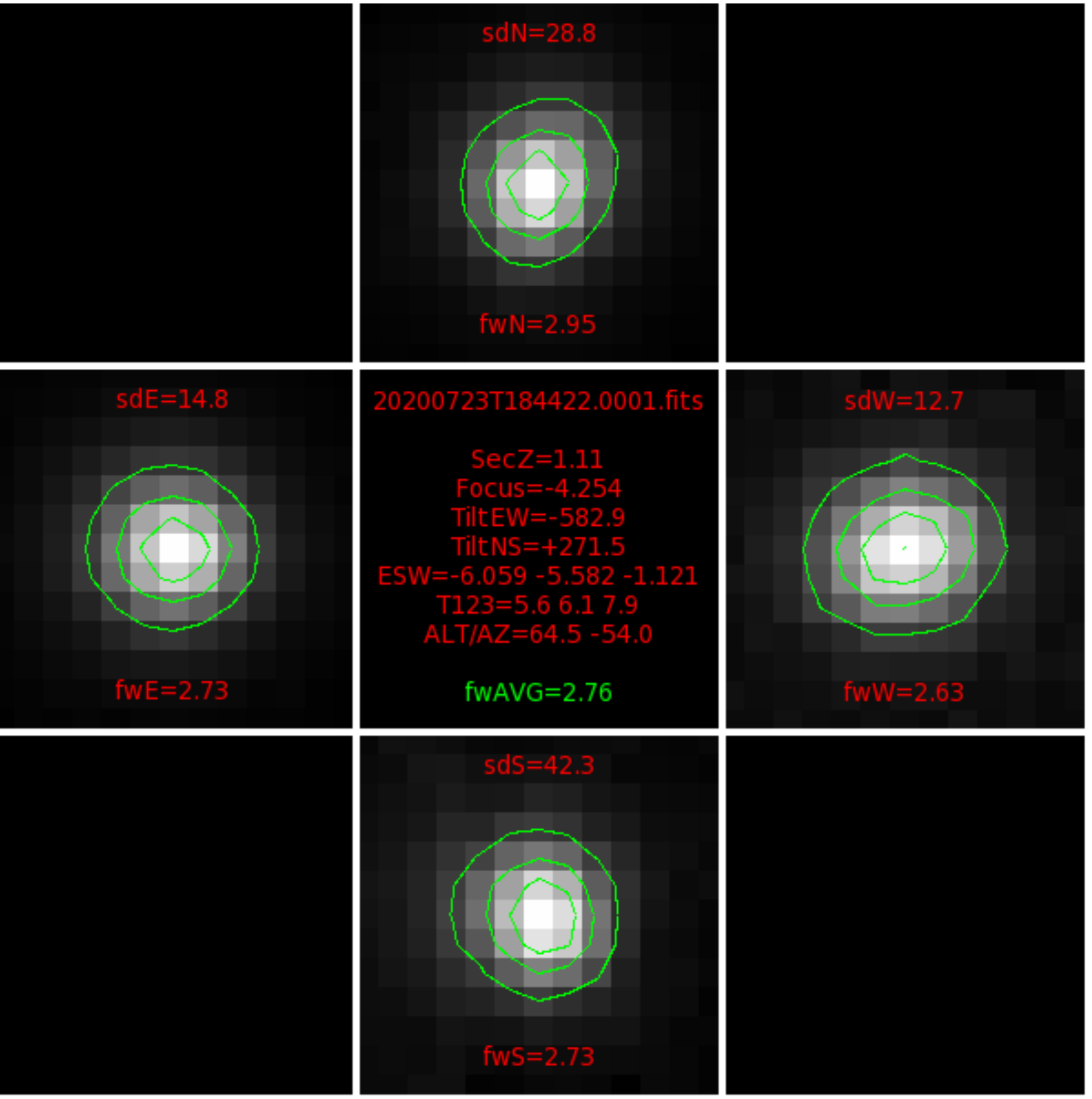
sdN=28.8
fwN=2.95
sdE=14.8
fwE=2.73
20200723T184422.0001.fits
SecZ=1.11
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=64.5 -54.0
fwAVG=2.76
sdW=12.7
fwW=2.63
sdS=42.3
fwS=2.73
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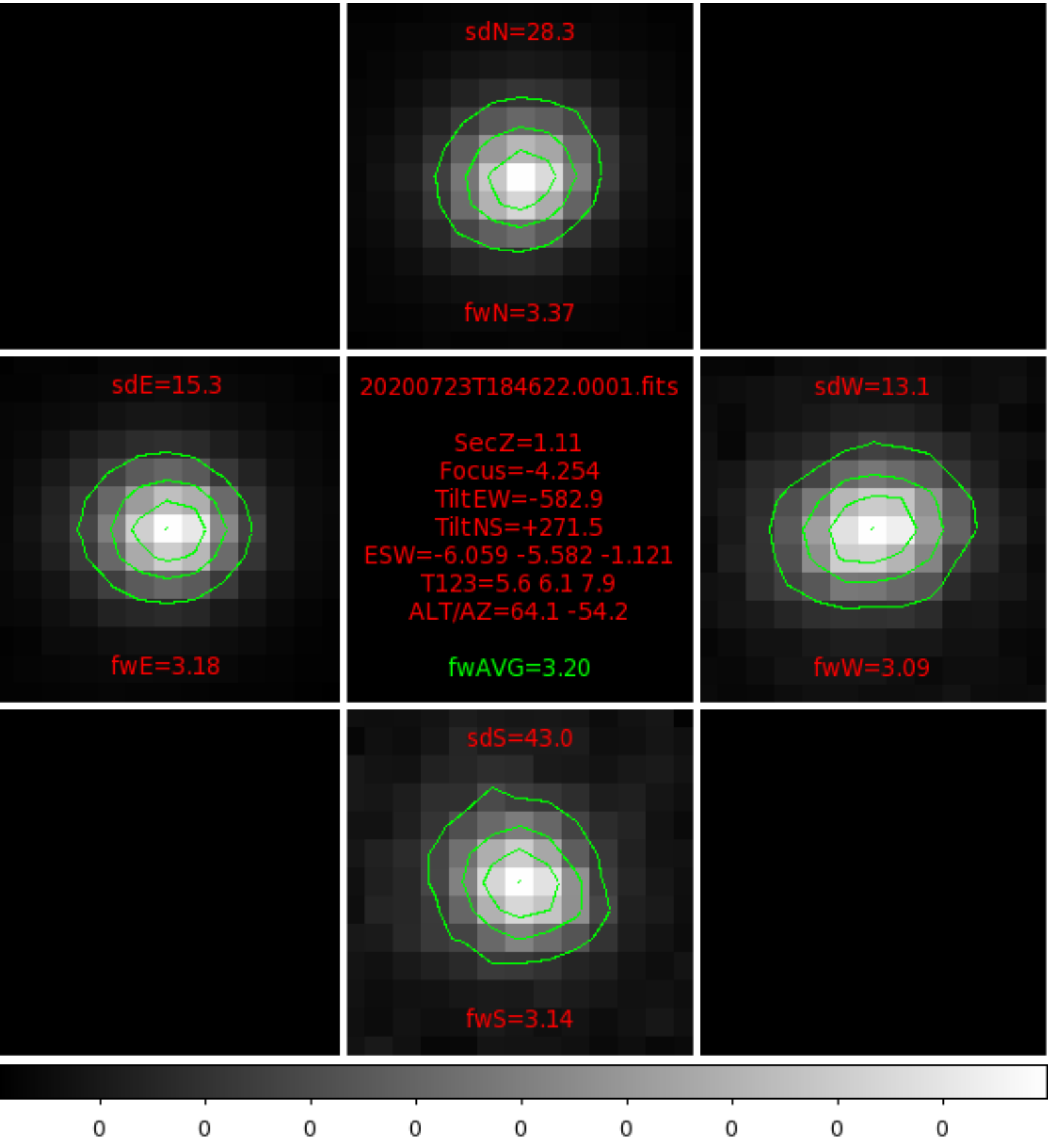
sdN=28.3
fwN=3.37
sdE=15.3
fwE=3.18
20200723T184622.0001.fits
SecZ=1.11
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.9
ALT/AZ=64.1 -54.2
fwAVG=3.20
sdW=13.1
fwW=3.09
sdS=43.0
fwS=3.14
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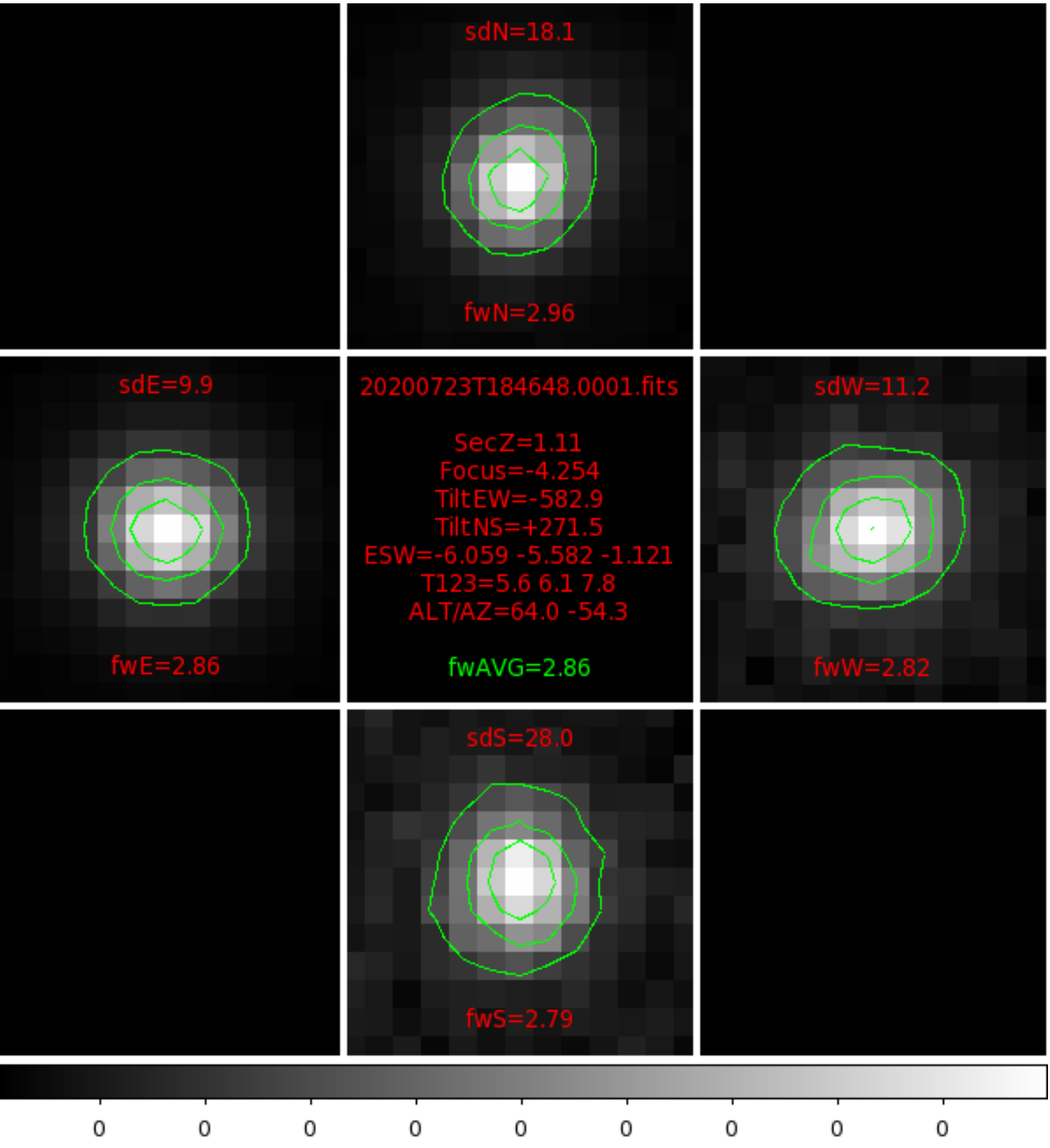
sdN=18.1
fwN=2.96
sdE=9.9
fwE=2.86
20200723T184648.0001.fits
SecZ=1.11
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.6 6.1 7.8
ALT/AZ=64.0 -54.3
fwAVG=2.86
sdW=11.2
fwW=2.82
sdS=28.0
fwS=2.79
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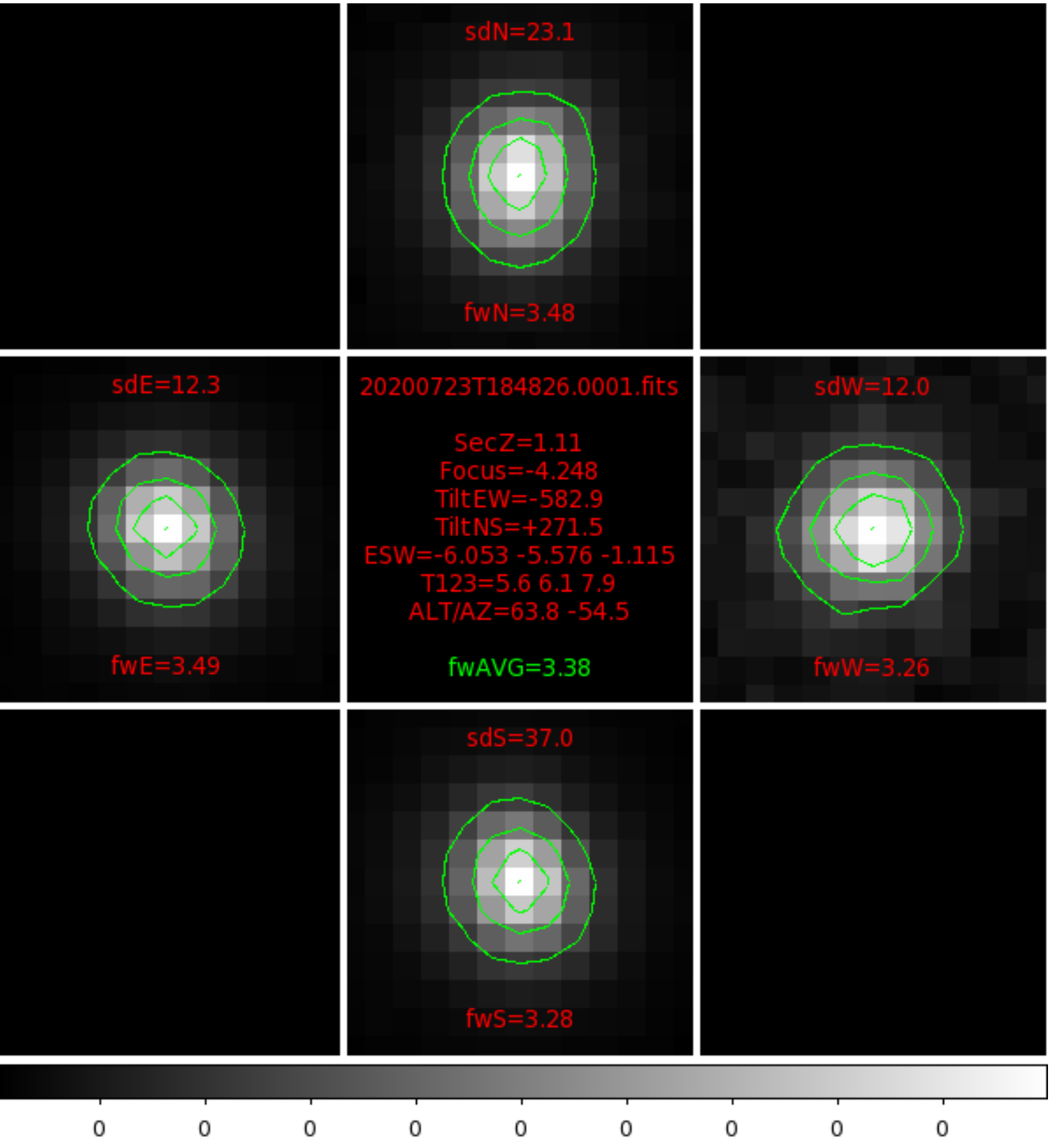
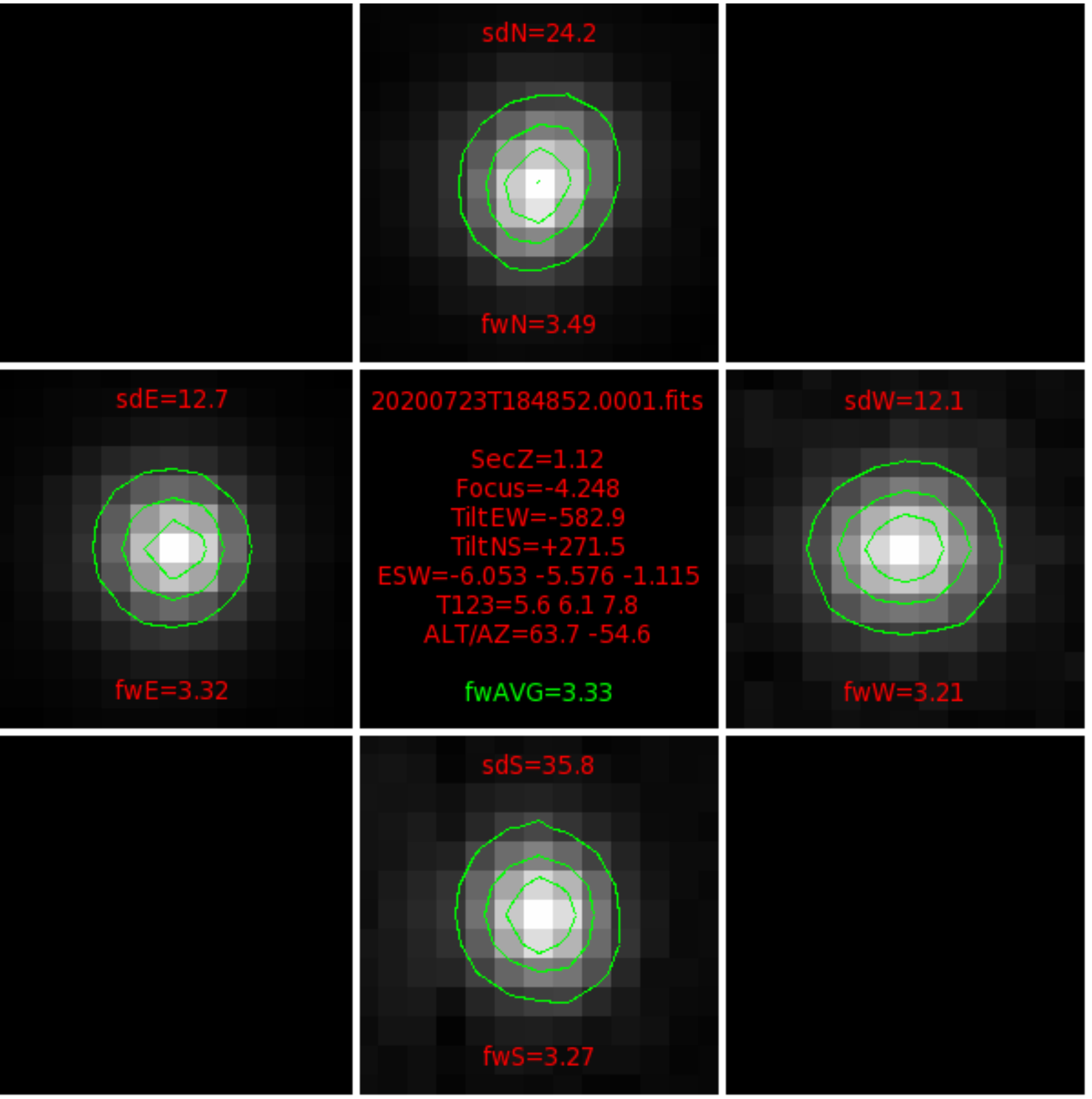

sdN=23.1
fwN=3.48
sdE=12.3
fwE=3.49
20200723T184826.0001.fits
SecZ=1.11
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.9
ALT/AZ=63.8 -54.5
fwAVG=3.38
sdW=12.0
fwW=3.26
sdS=37.0
fwS=3.28
0 0 0 0 0 0 0 0 0


sdN=24.2
fwN=3.49
sdE=12.7
fwE=3.32
20200723T184852.0001.fits
SecZ=1.12
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=63.7 -54.6
fwAVG=3.33
sdW=12.1
fwW=3.21
sdS=35.8
fwS=3.27
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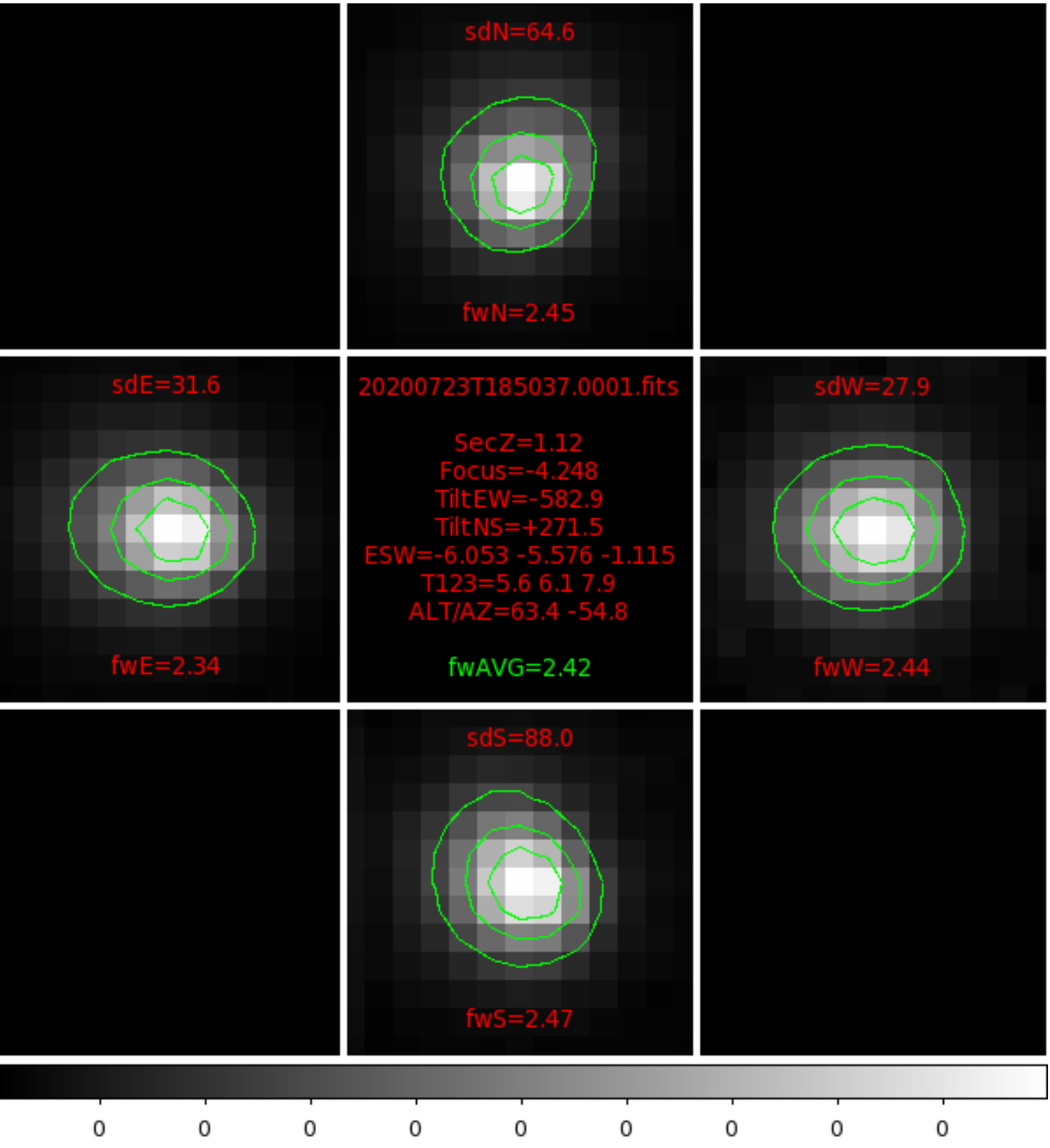
sdN=64.6
fwN=2.45
sdE=31.6
fwE=2.34
20200723T185037.0001.fits
SecZ=1.12
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.9
ALT/AZ=63.4 -54.8
fwAVG=2.42
sdW=27.9
fwW=2.44
sdS=88.0
fwS=2.47
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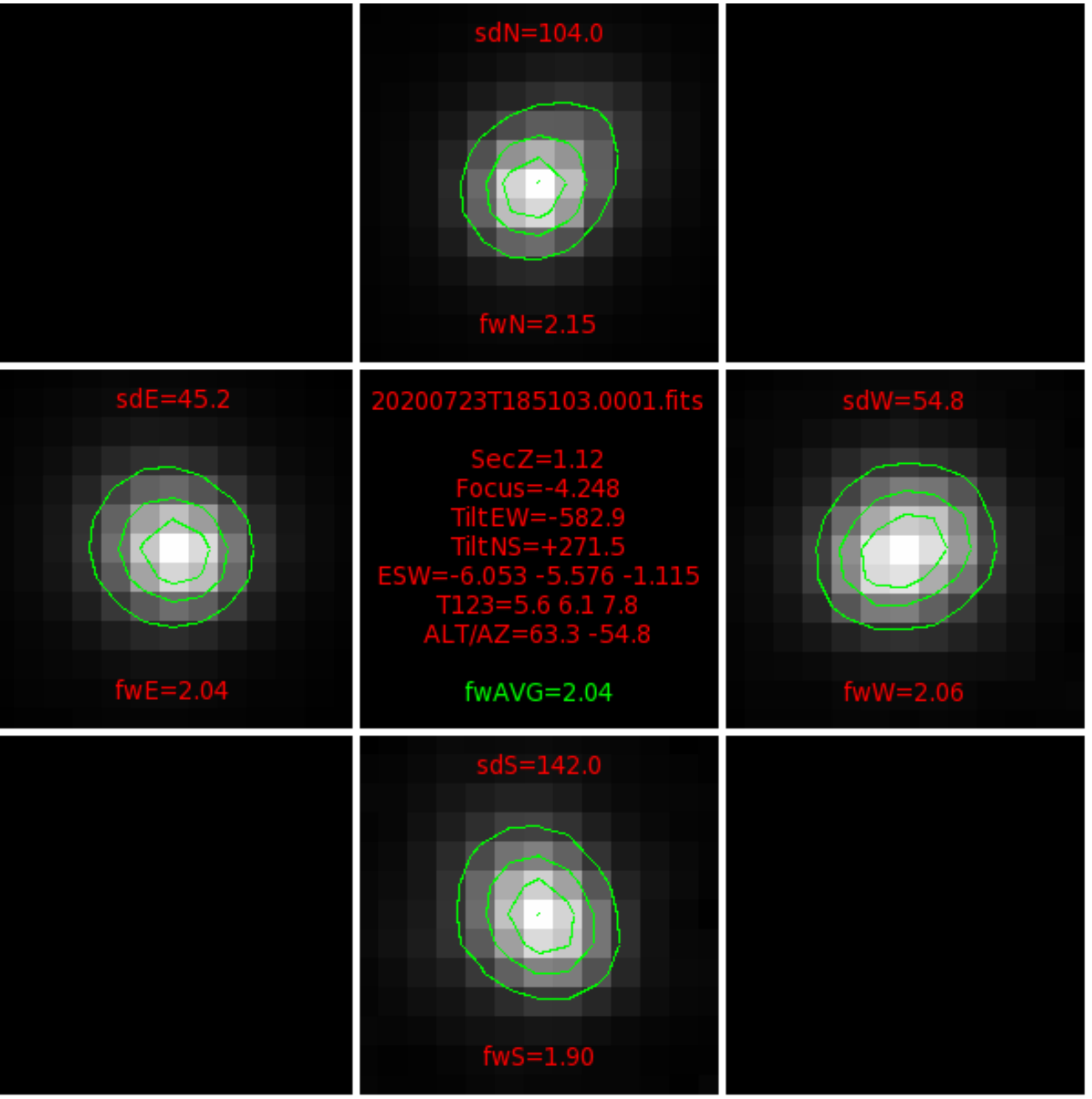
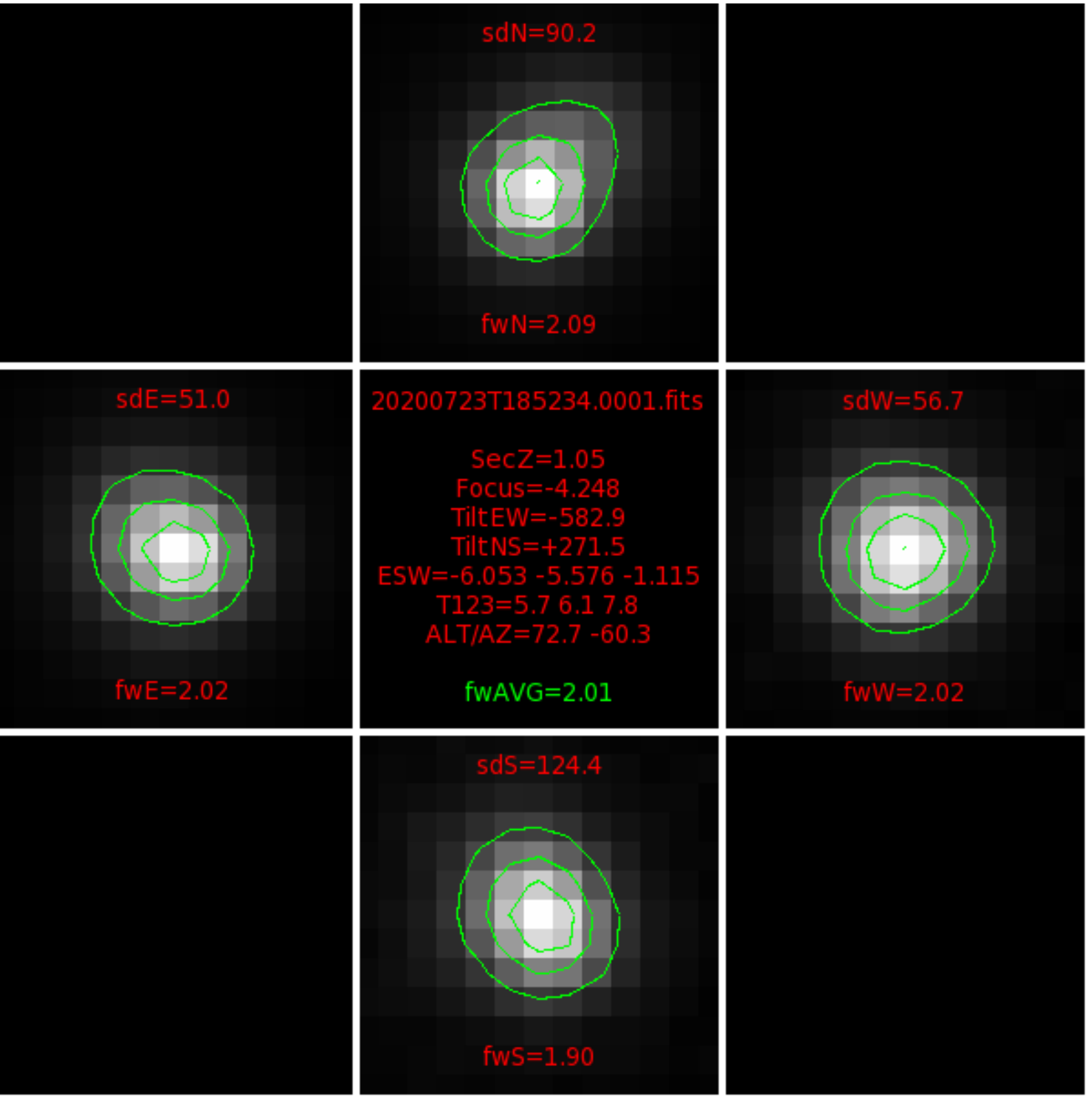
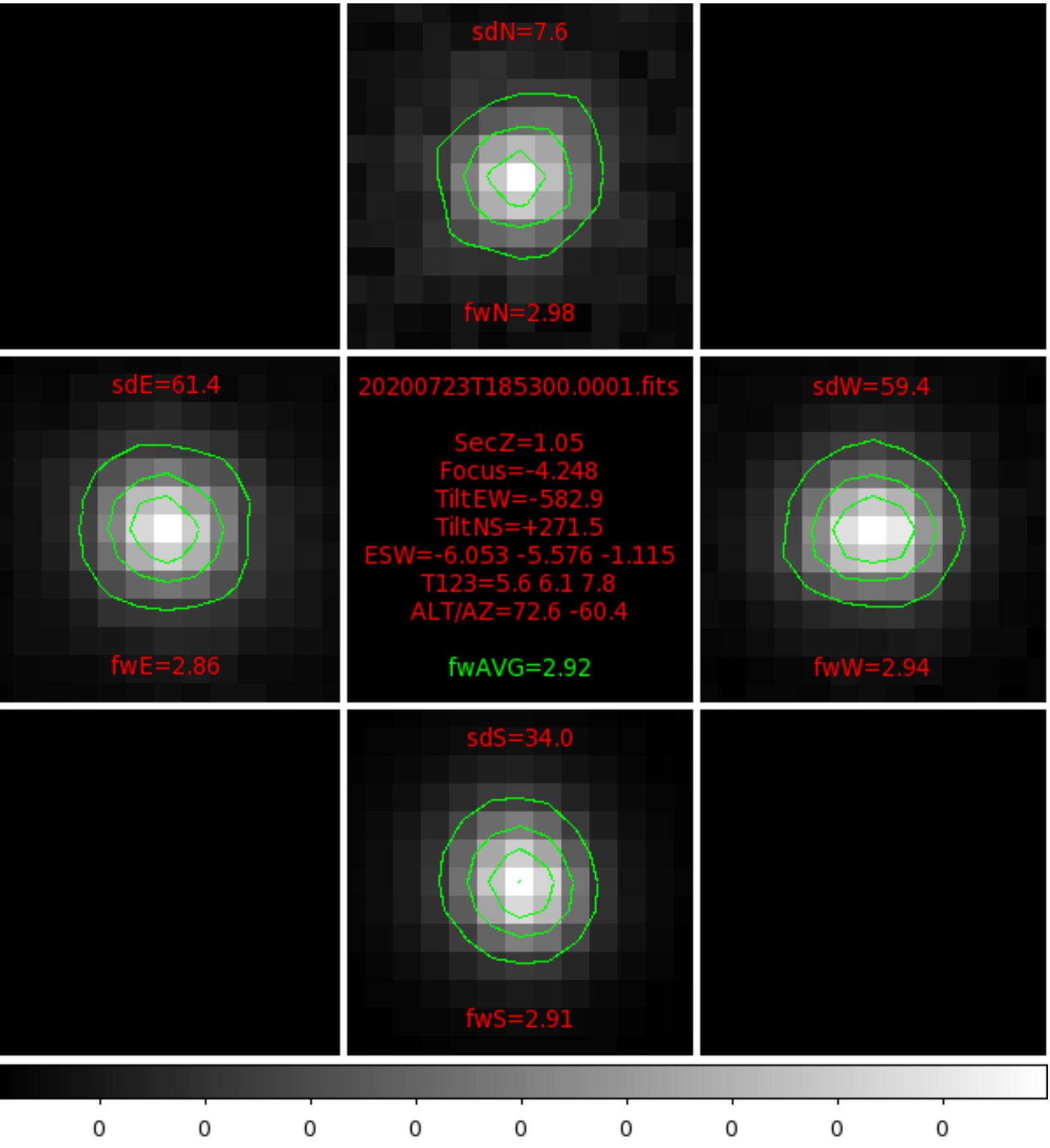
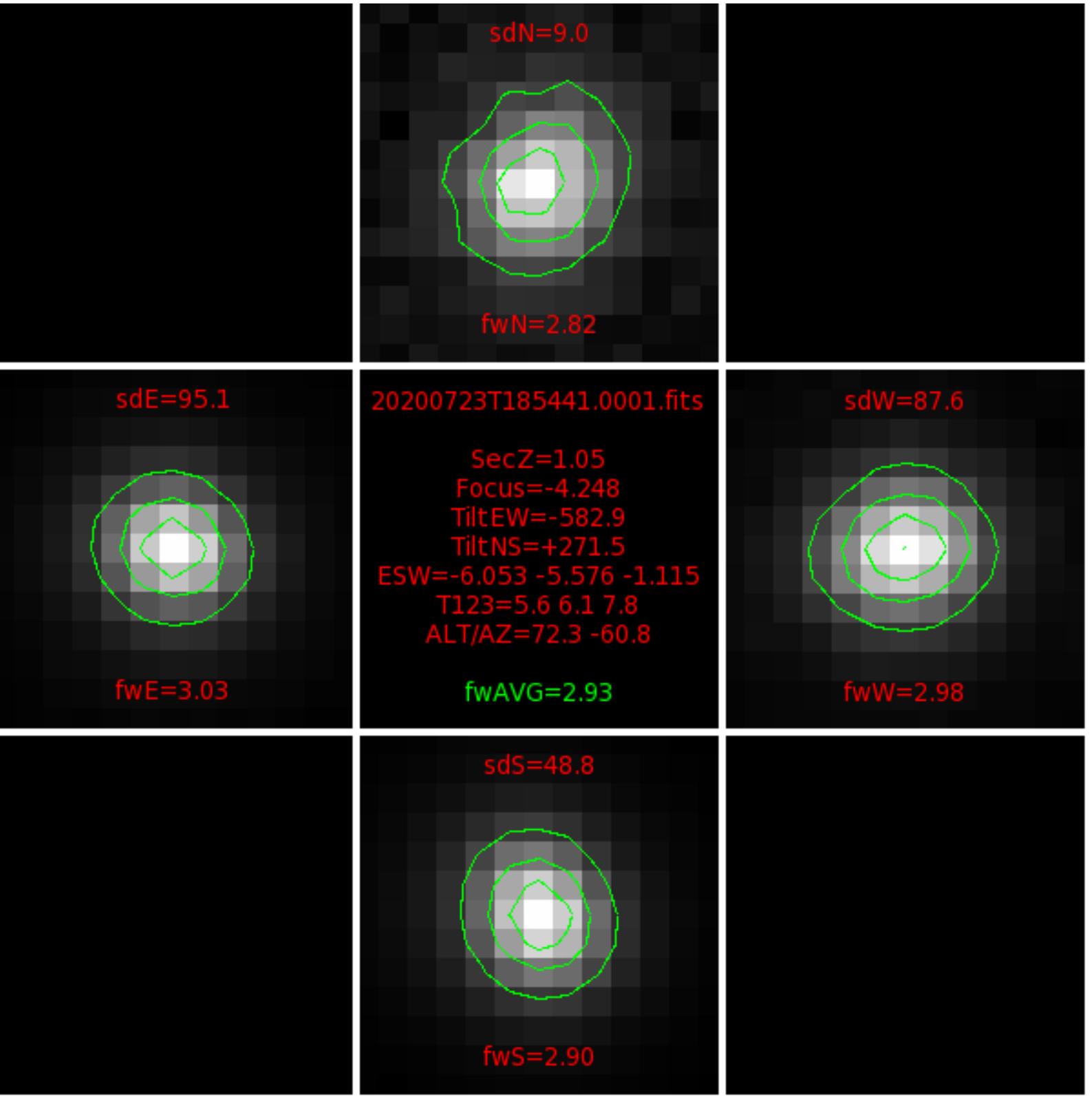
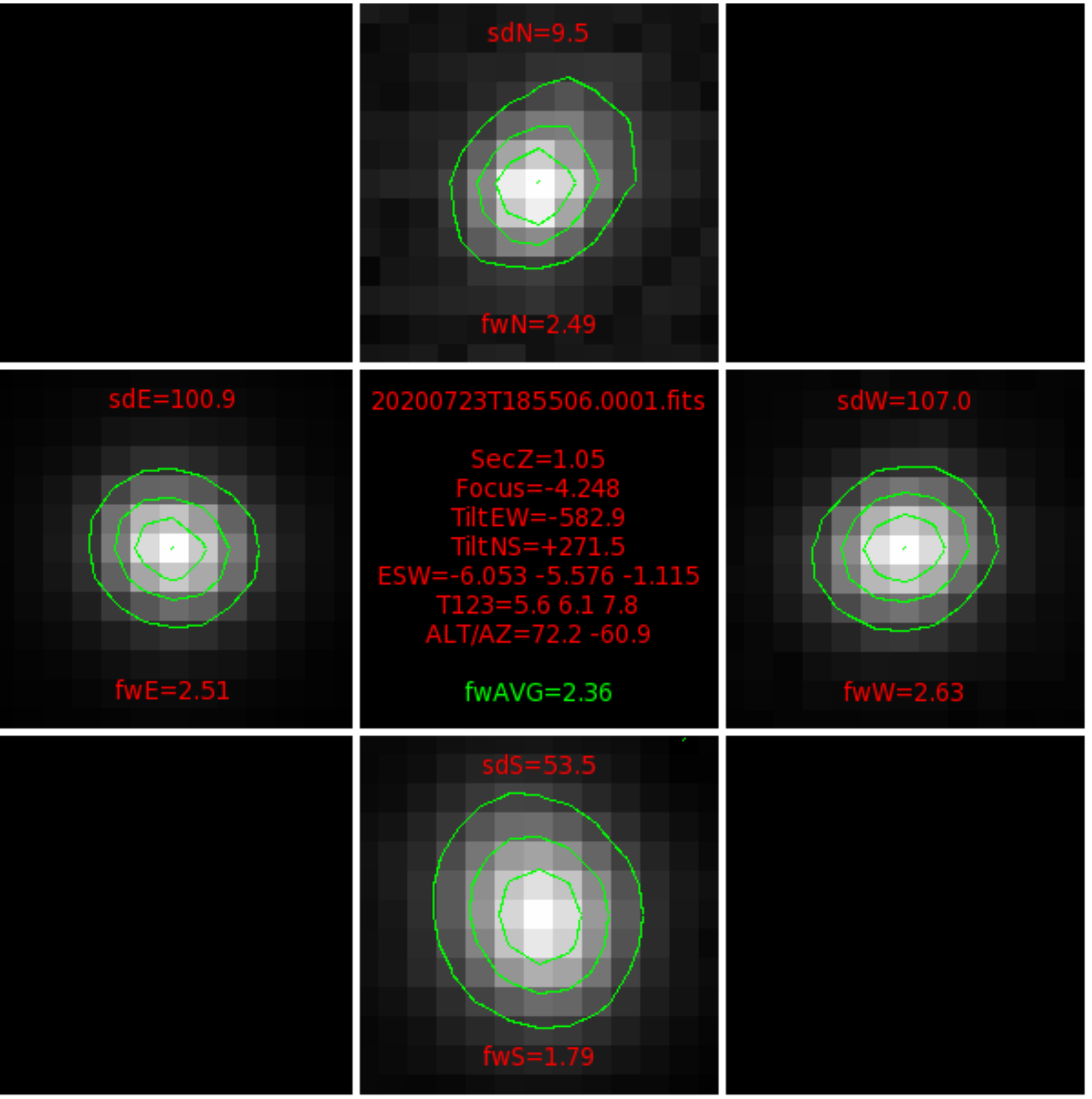
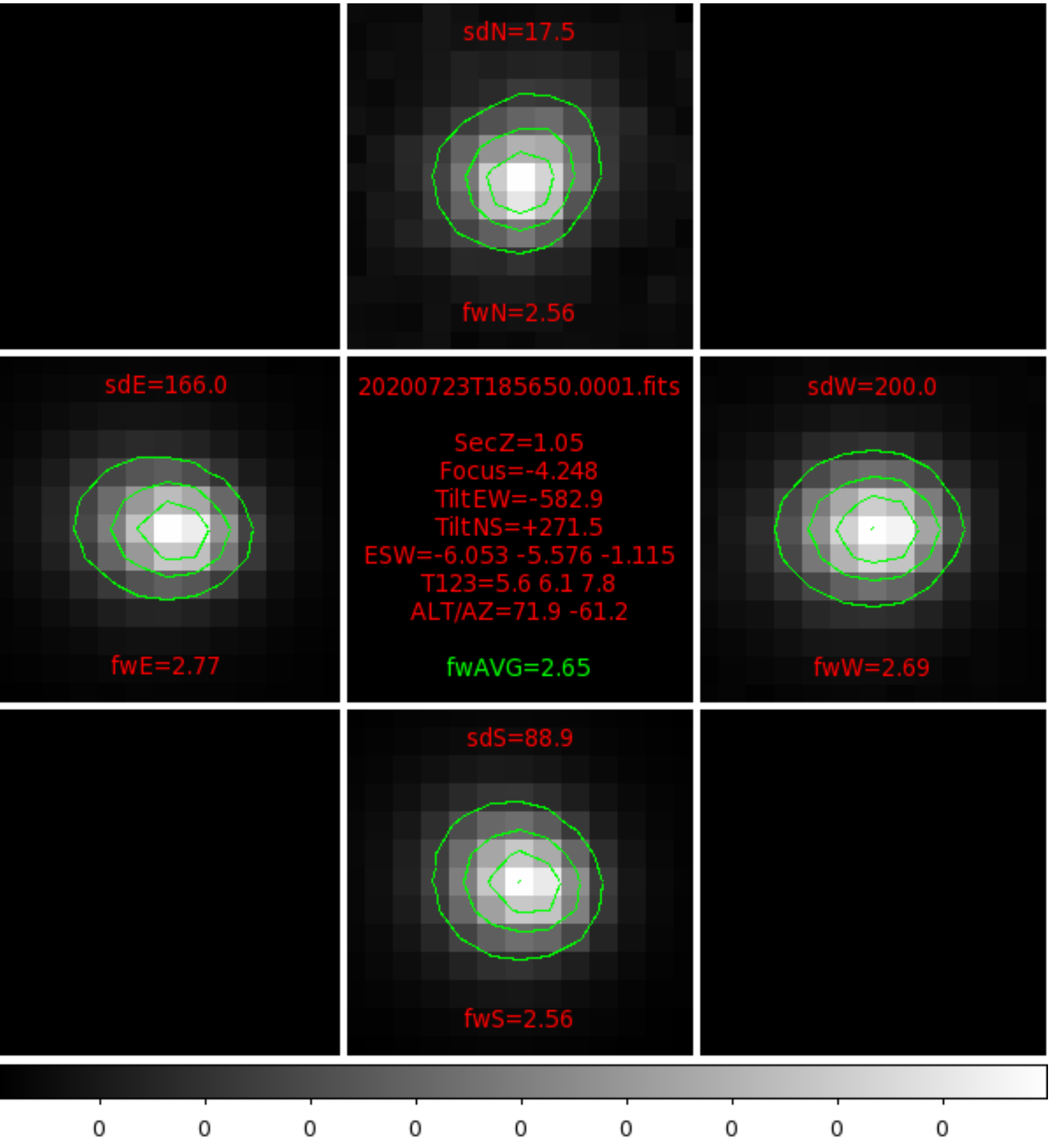

sdN=104.0
fwN=2.15
sdE=45.2
fwE=2.04
20200723T185103.0001.fits
SecZ=1.12
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=63.3 -54.8
fwAVG=2.04
sdW=54.8
fwW=2.06
sdS=142.0
fwS=1.90
0 0 0 0 0 0 0 0 0

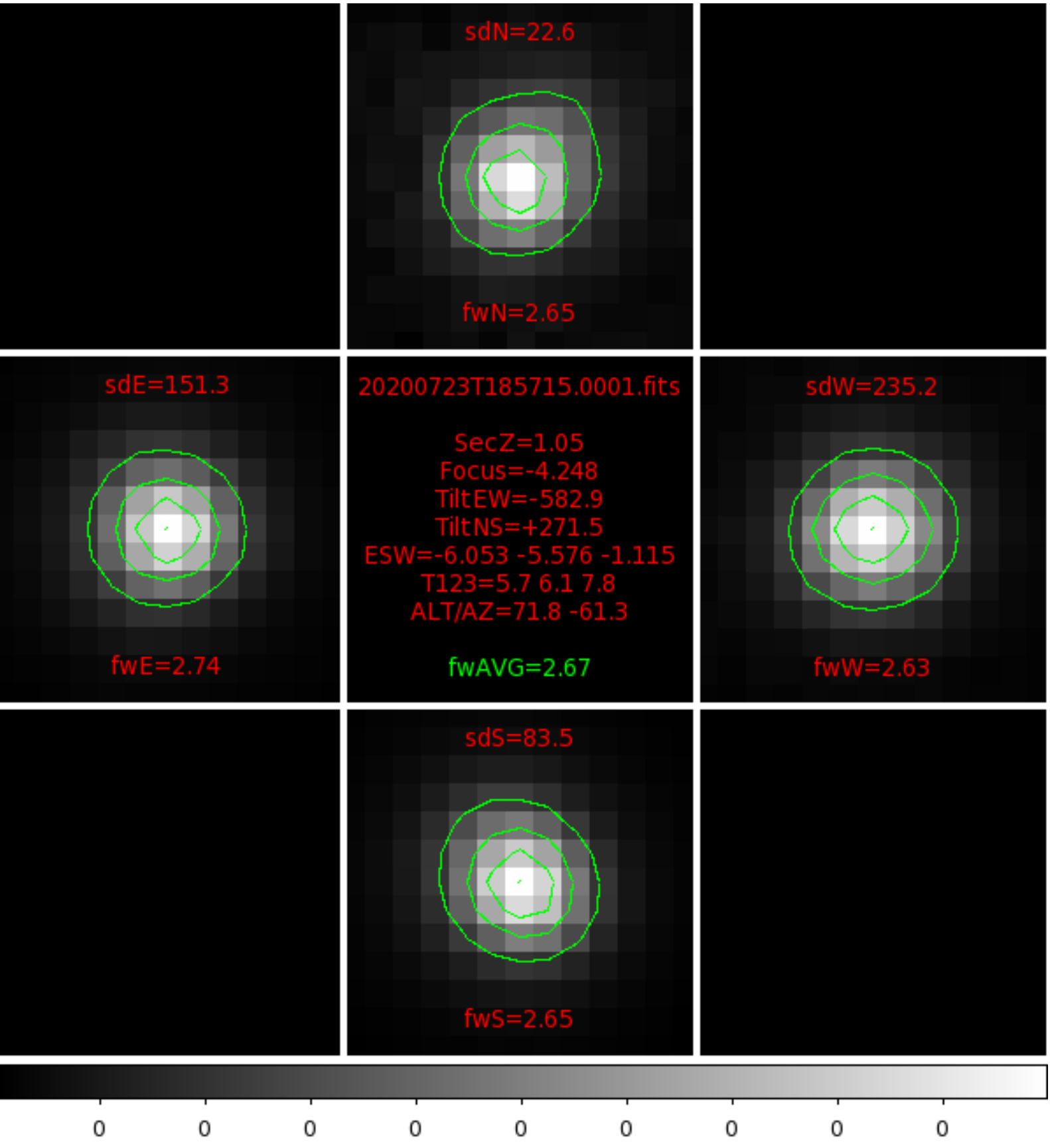

sdN=90.2
fwN=2.09
sdE=51.0
fwE=2.02
20200723T185234.0001.fits
SecZ=1.05
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.7 6.1 7.8
ALT/AZ=72.7 -60.3
fwAVG=2.01
sdW=56.7
fwW=2.02
sdS=124.4
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=7.6
fwN=2.98
sdE=61.4
fwE=2.86
20200723T185300.0001.fits
SecZ=1.05
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=72.6 -60.4
fwAVG=2.92
sdW=59.4
fwW=2.94
sdS=34.0
fwS=2.91
0 0 0 0 0 0 0 0 0


sdN=9.0
fwN=2.82
sdE=95.1
fwE=3.03
20200723T185441.0001.fits
SecZ=1.05
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=72.3 -60.8
fwAVG=2.93
sdW=87.6
fwW=2.98
sdS=48.8
fwS=2.90
0 0 0 0 0 0 0 0 0


sdN=9.5
fwN=2.49
sdE=100.9
fwE=2.51
20200723T185506.0001.fits
SecZ=1.05
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=72.2 -60.9
fwAVG=2.36
sdW=107.0
fwW=2.63
sdS=53.5
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=17.5
fwN=2.56
sdE=166.0
fwE=2.77
20200723T185650.0001.fits
SecZ=1.05
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=71.9 -61.2
fwAVG=2.65
sdW=200.0
fwW=2.69
sdS=88.9
fwS=2.56
0 0 0 0 0 0 0 0 0


sdN=22.6
fwN=2.65
sdE=151.3
fwE=2.74
20200723T185715.0001.fits
SecZ=1.05
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.7 6.1 7.8
ALT/AZ=71.8 -61.3
fwAVG=2.67
sdW=235.2
fwW=2.63
sdS=83.5
fwS=2.65
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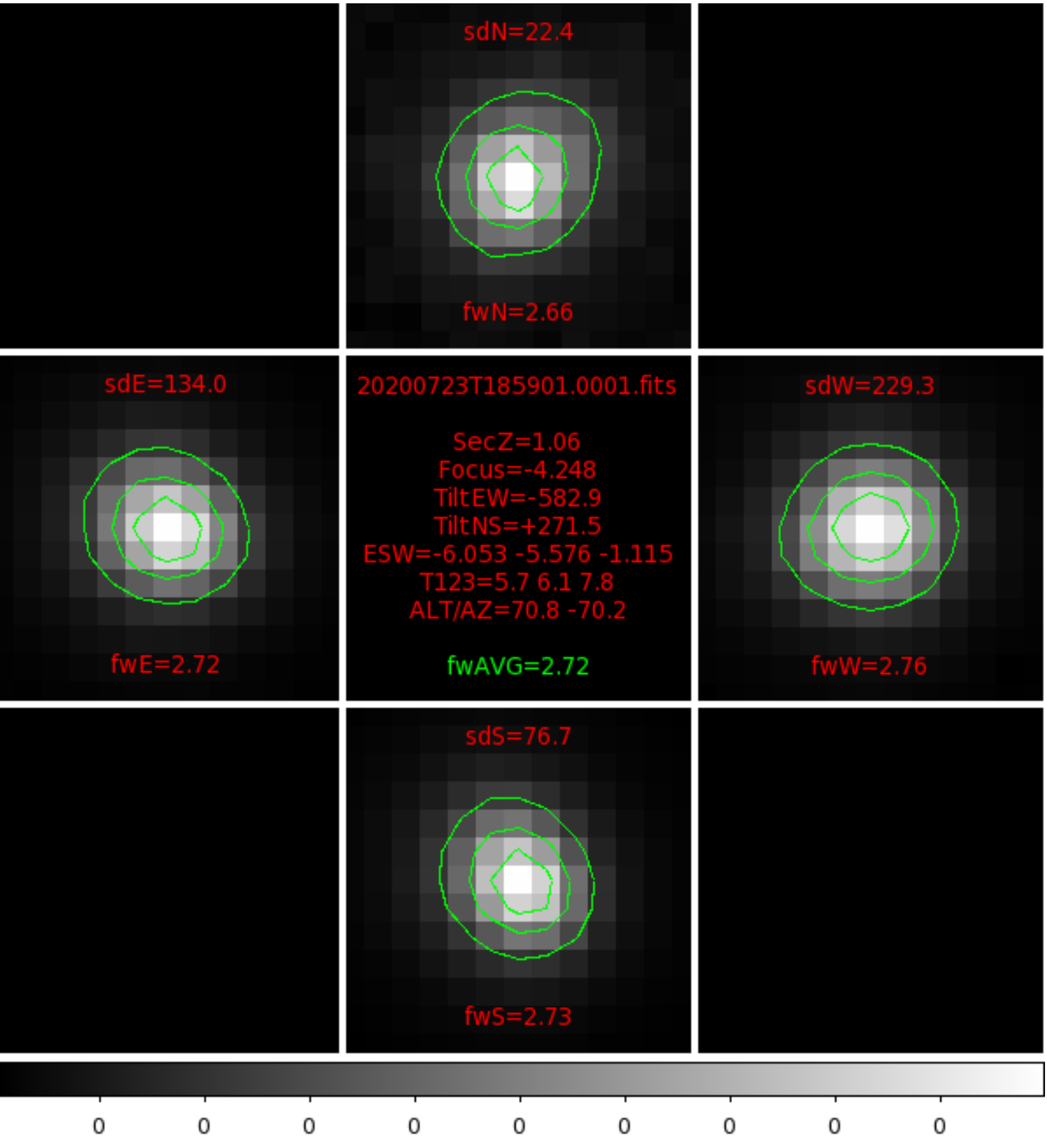
sdN=22.4
fwN=2.66
sdE=134.0
fwE=2.72
20200723T185901.0001.fits
SecZ=1.06
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.7 6.1 7.8
ALT/AZ=70.8 -70.2
fwAVG=2.72
sdW=229.3
fwW=2.76
sdS=76.7
fwS=2.73
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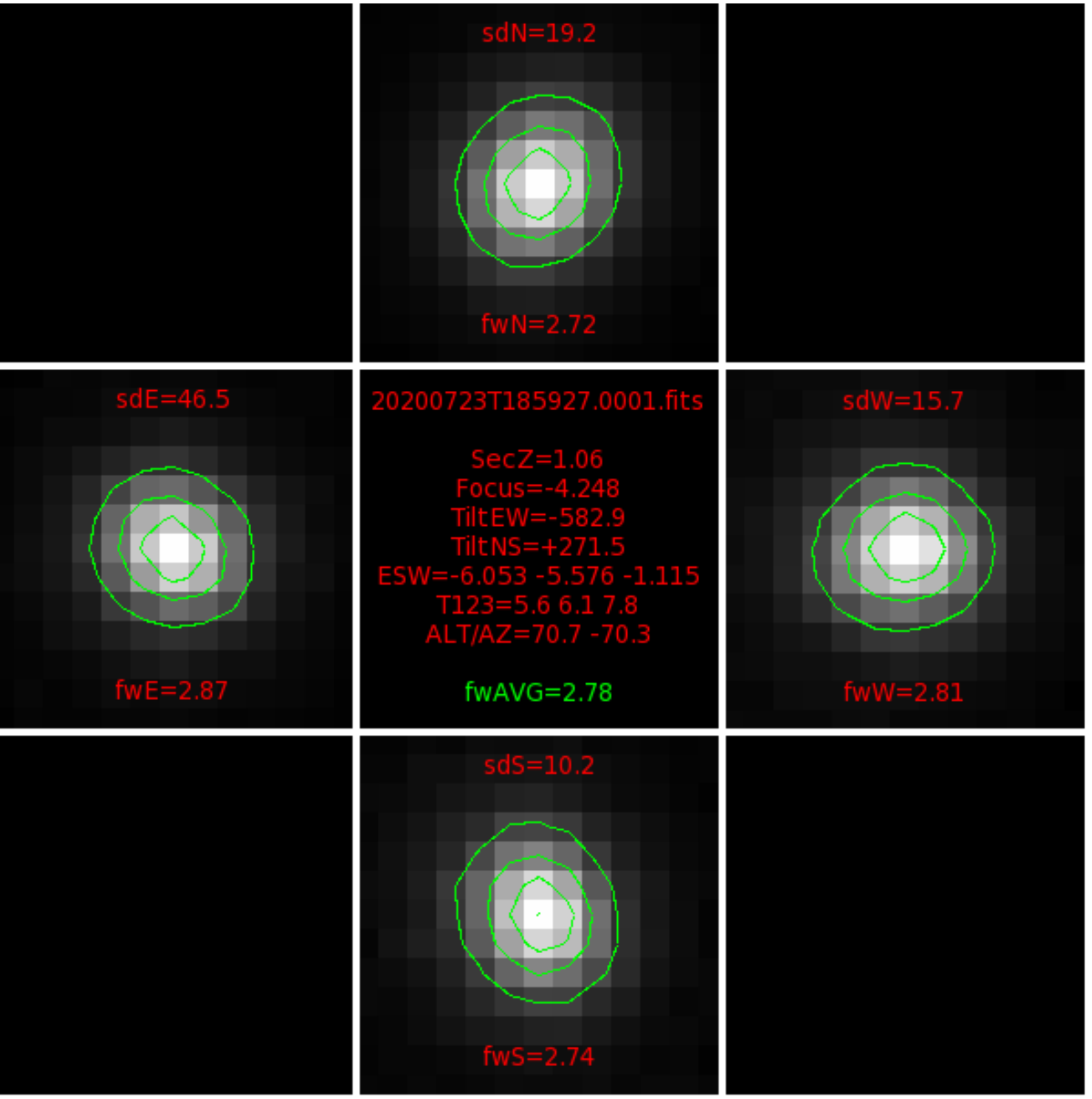
sdN=19.2
fwN=2.72
sdE=46.5
fwE=2.87
20200723T185927.0001.fits
SecZ=1.06
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=70.7 -70.3
fwAVG=2.78
sdW=15.7
fwW=2.81
sdS=10.2
fwS=2.74
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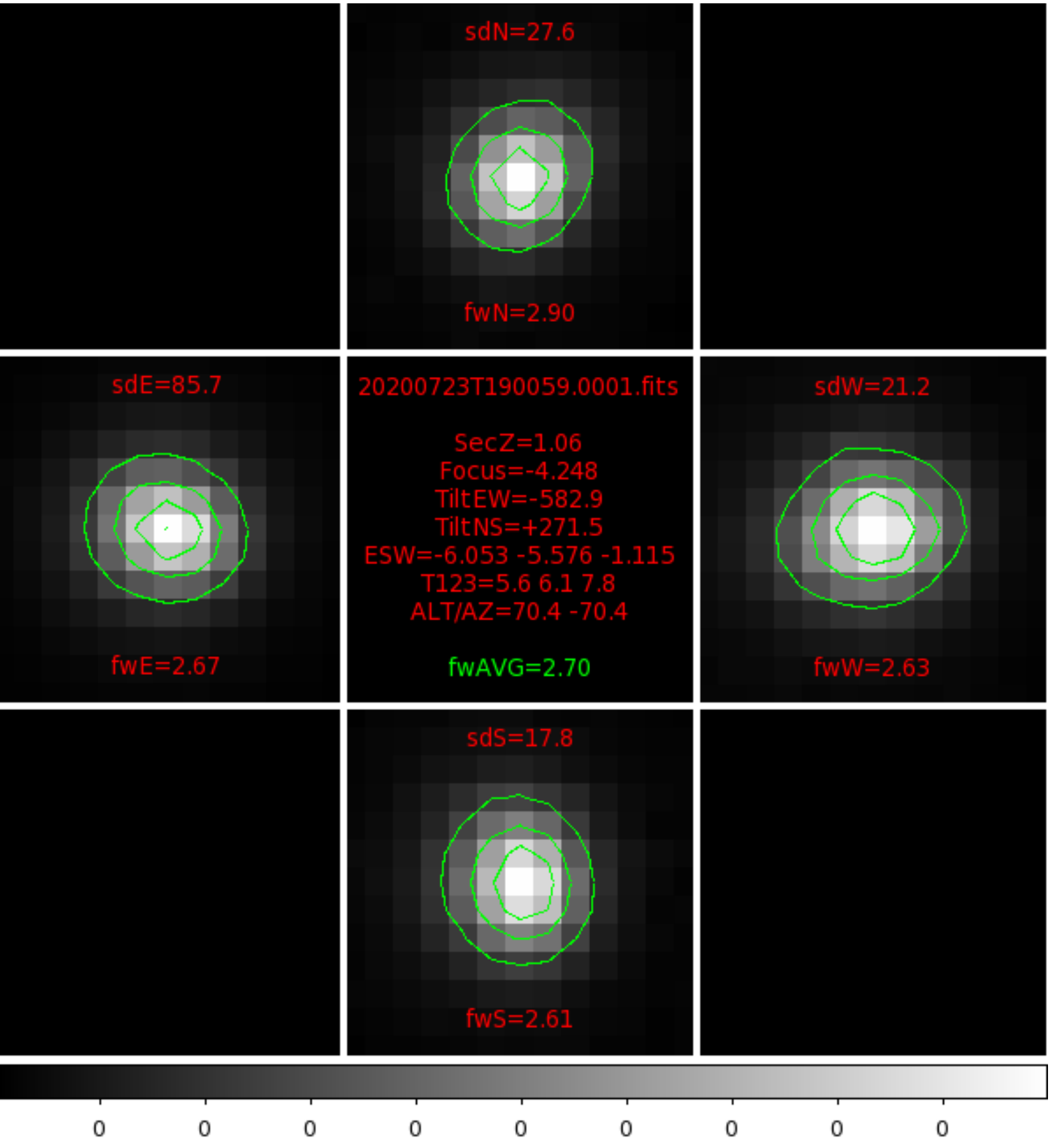
sdN=27.6
fwN=2.90
sdE=85.7
fwE=2.67
20200723T190059.0001.fits
SecZ=1.06
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=70.4 -70.4
fwAVG=2.70
sdW=21.2
fwW=2.63
sdS=17.8
fwS=2.61
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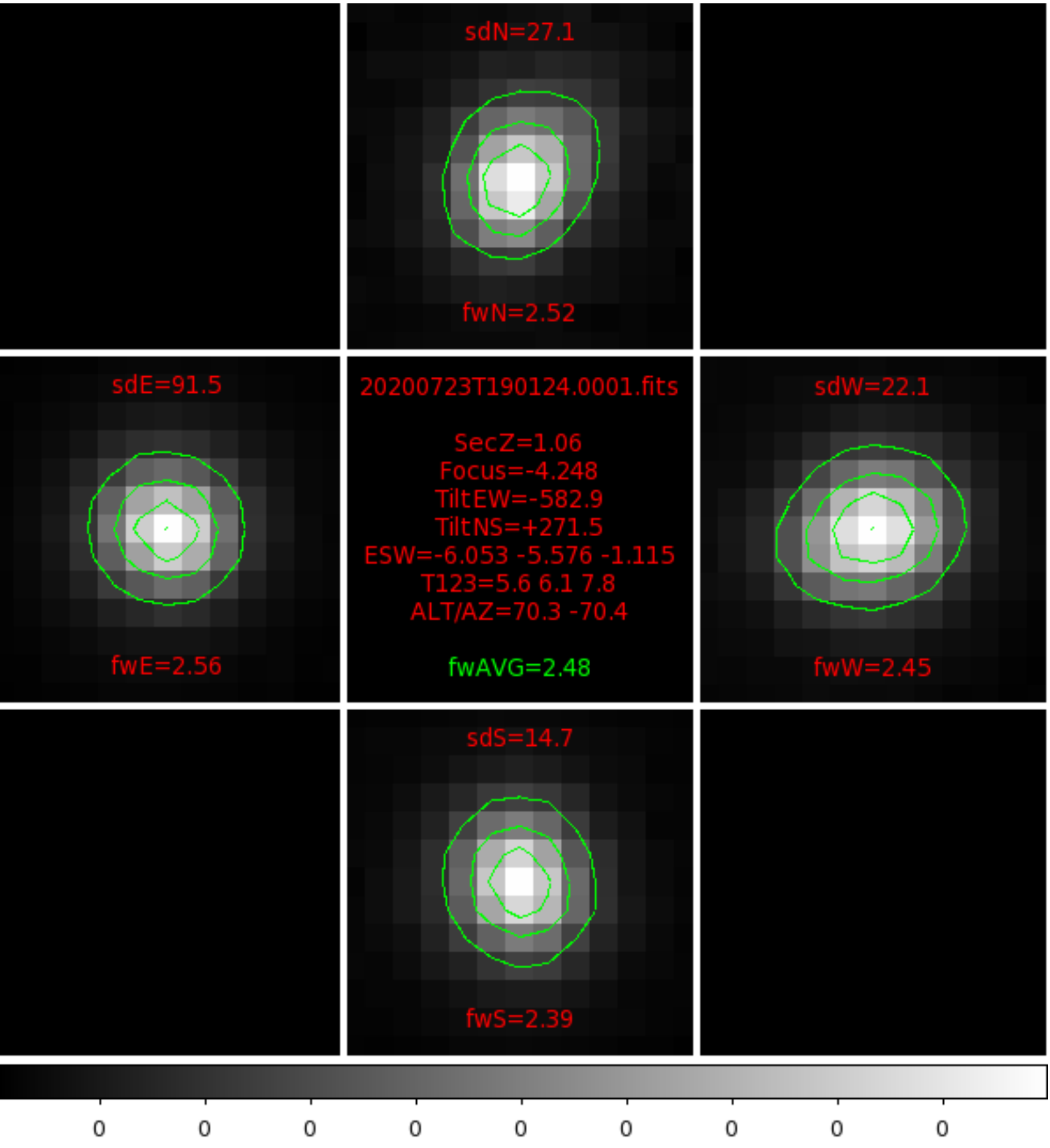
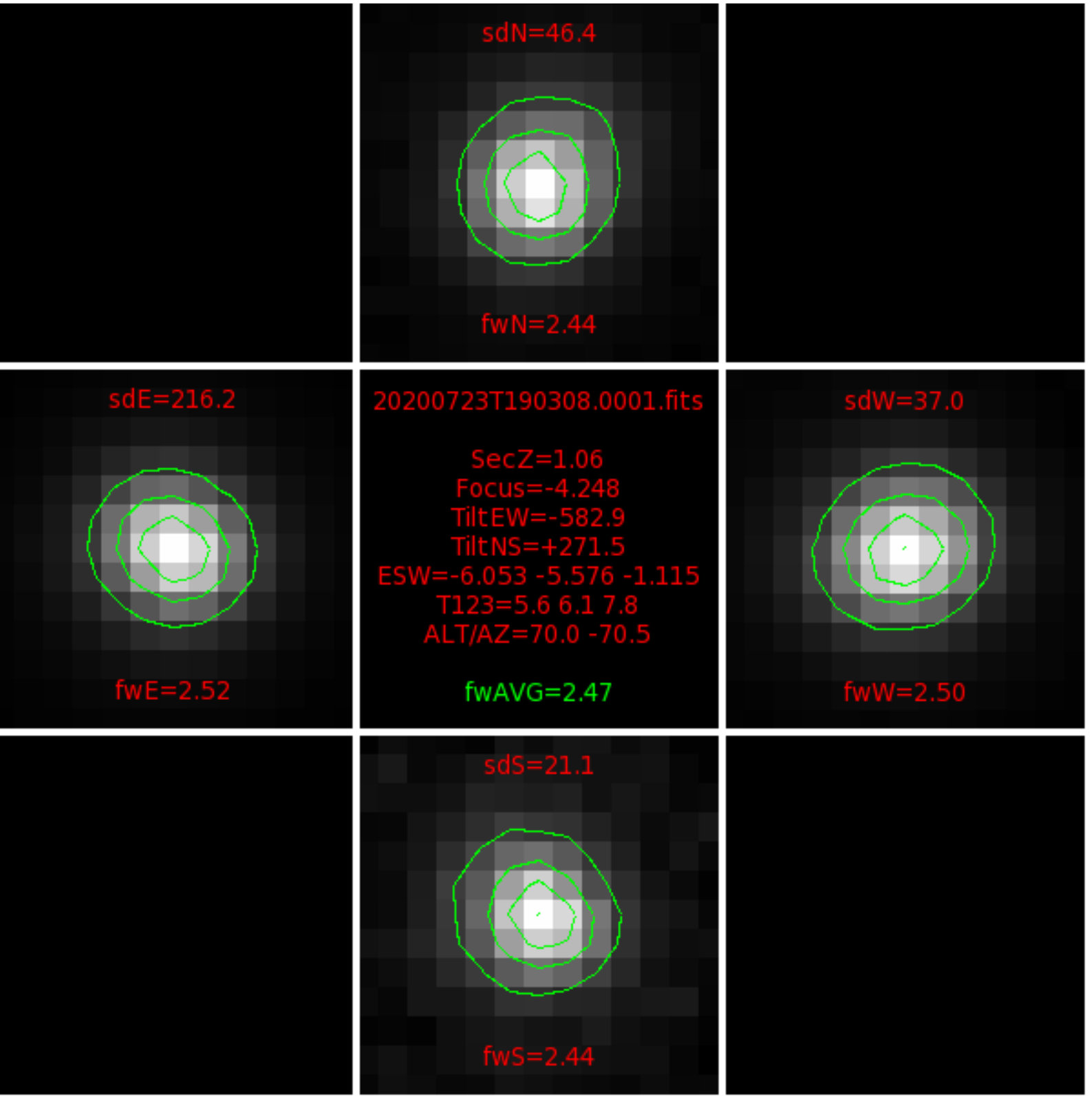

sdN=27.1
fwN=2.52
sdE=91.5
fwE=2.56
20200723T190124.0001.fits
SecZ=1.06
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=70.3 -70.4
fwAVG=2.48
sdW=22.1
fwW=2.45
sdS=14.7
fwS=2.39
0 0 0 0 0 0 0 0 0


sdN=46.4
fwN=2.44
sdE=216.2
fwE=2.52
20200723T190308.0001.fits
SecZ=1.06
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=70.0 -70.5
fwAVG=2.47
sdW=37.0
fwW=2.50
sdS=21.1
fwS=2.44
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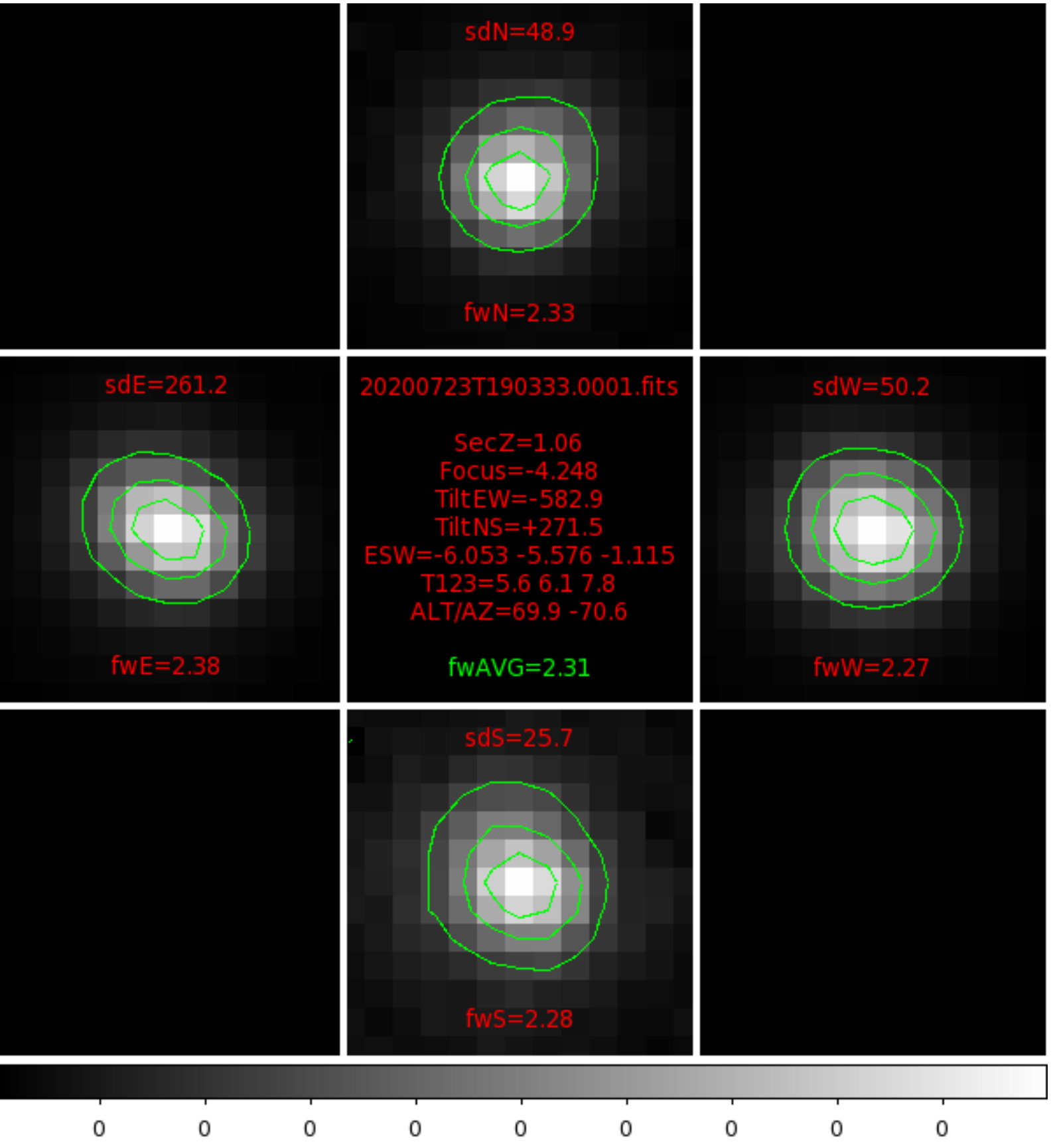
sdN=48.9
fwN=2.33
sdE=261.2
fwE=2.38
20200723T190333.0001.fits
SecZ=1.06
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=69.9 -70.6
fwAVG=2.31
sdW=50.2
fwW=2.27
sdS=25.7
fwS=2.28
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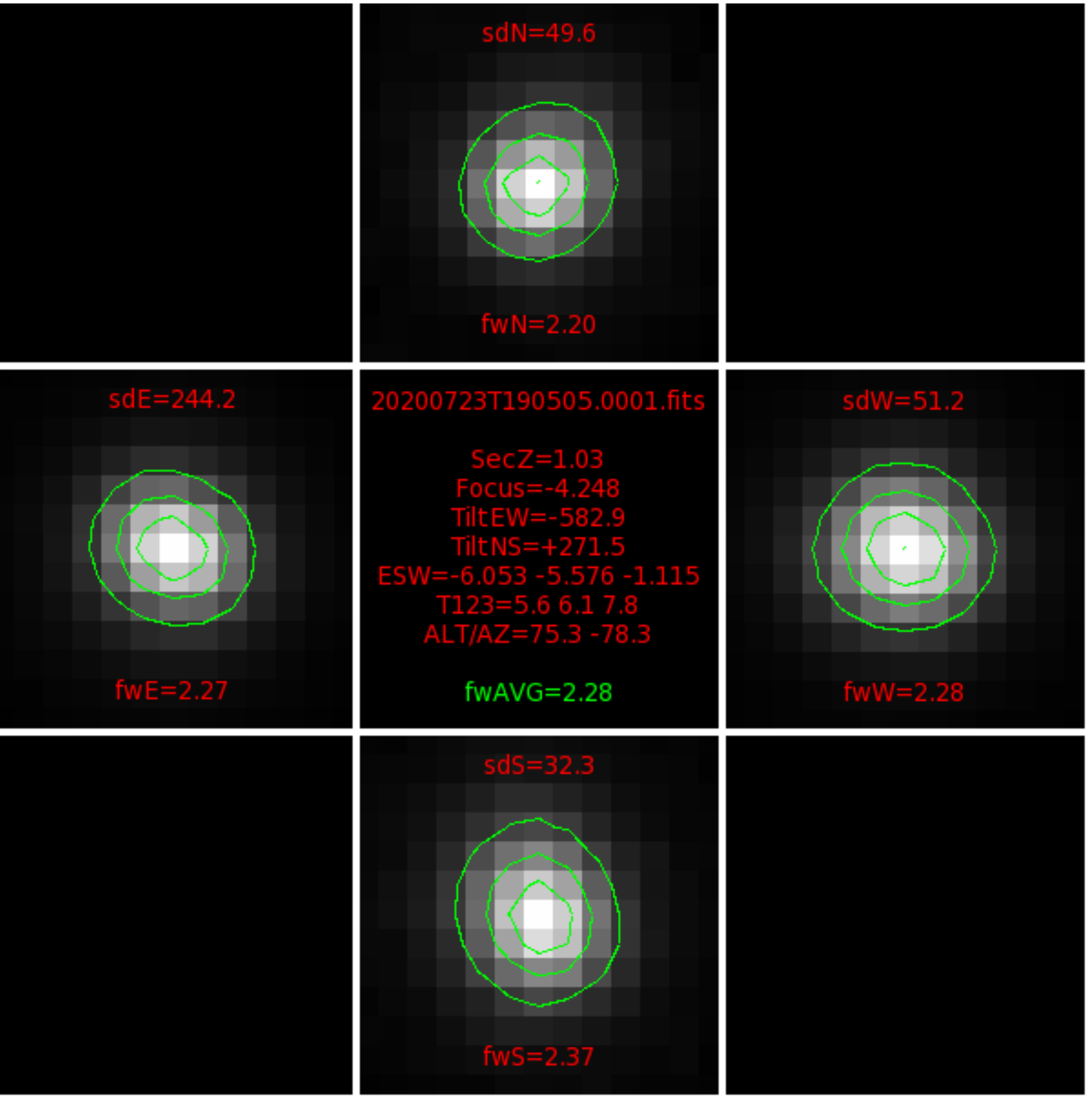
sdN=49.6
fwN=2.20
sdE=244.2
fwE=2.27
20200723T190505.0001.fits
SecZ=1.03
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=75.3 -78.3
fwAVG=2.28
sdW=51.2
fwW=2.28
sdS=32.3
fwS=2.37
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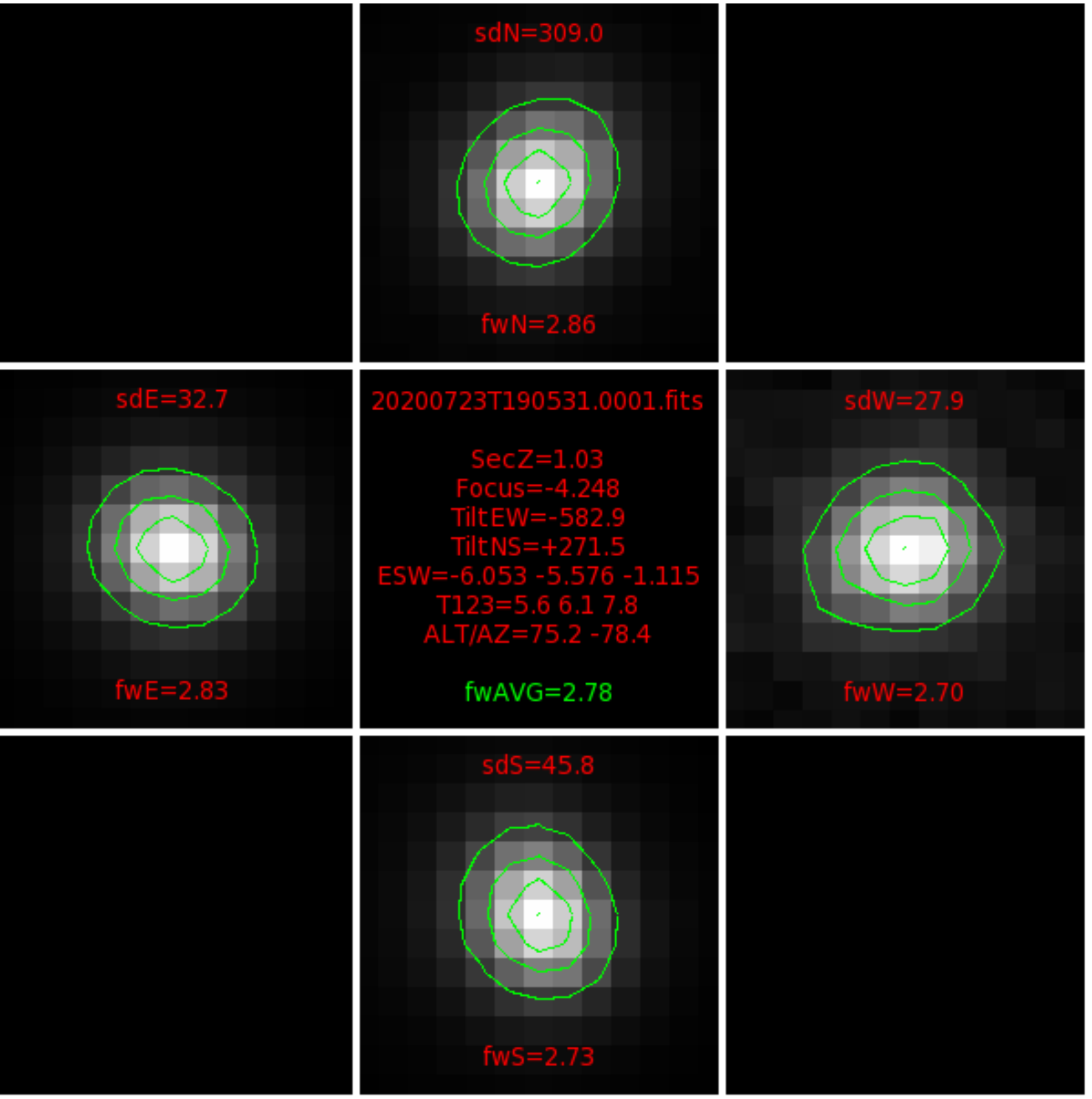
sdN=309.0
fwN=2.86
sdE=32.7
fwE=2.83
20200723T190531.0001.fits
SecZ=1.03
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=75.2 -78.4
fwAVG=2.78
sdW=27.9
fwW=2.70
sdS=45.8
fwS=2.73
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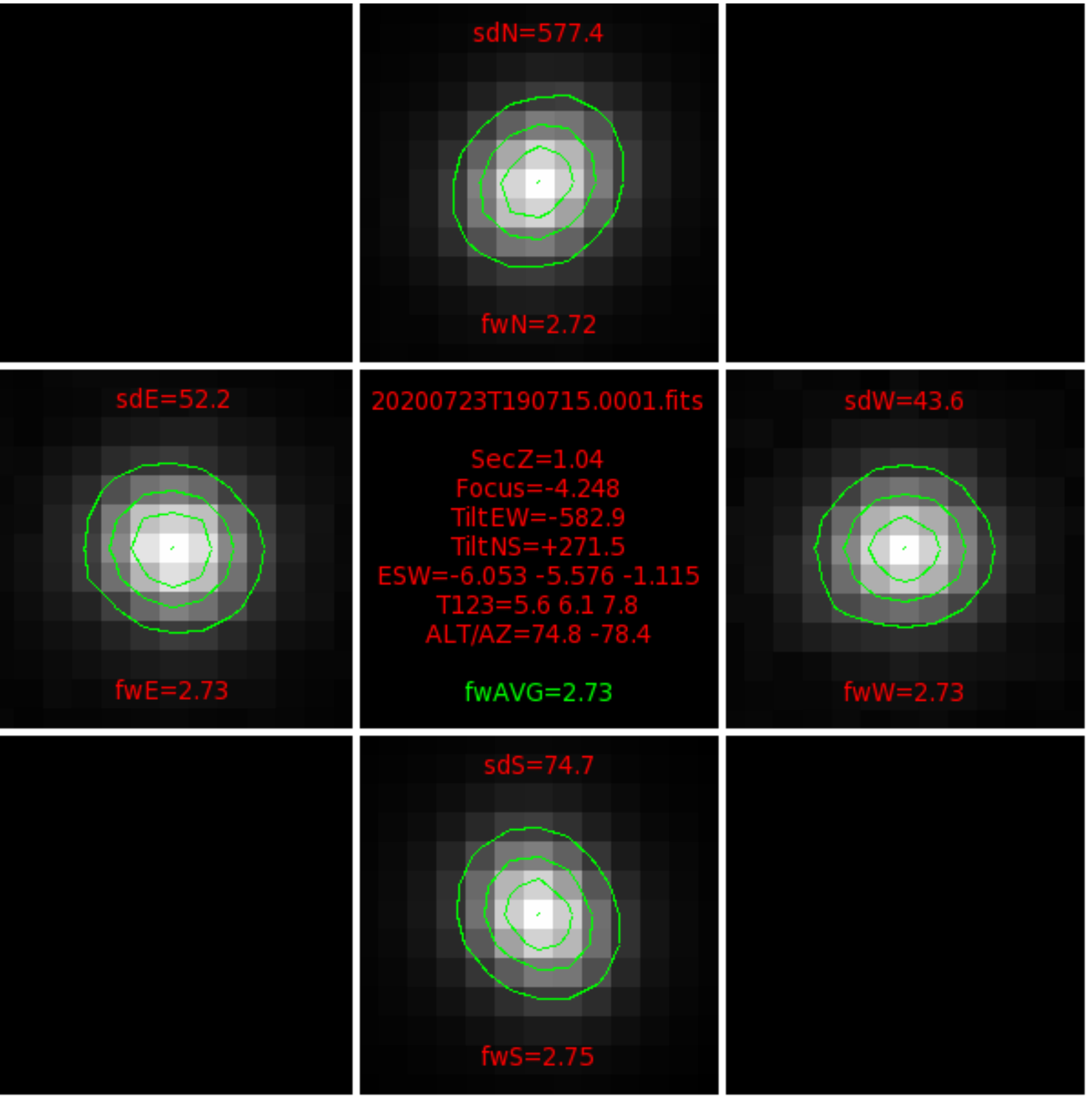
sdN=577.4
fwN=2.72
sdE=52.2
fwE=2.73
20200723T190715.0001.fits
SecZ=1.04
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=74.8 -78.4
fwAVG=2.73
sdW=43.6
fwW=2.73
sdS=74.7
fwS=2.75
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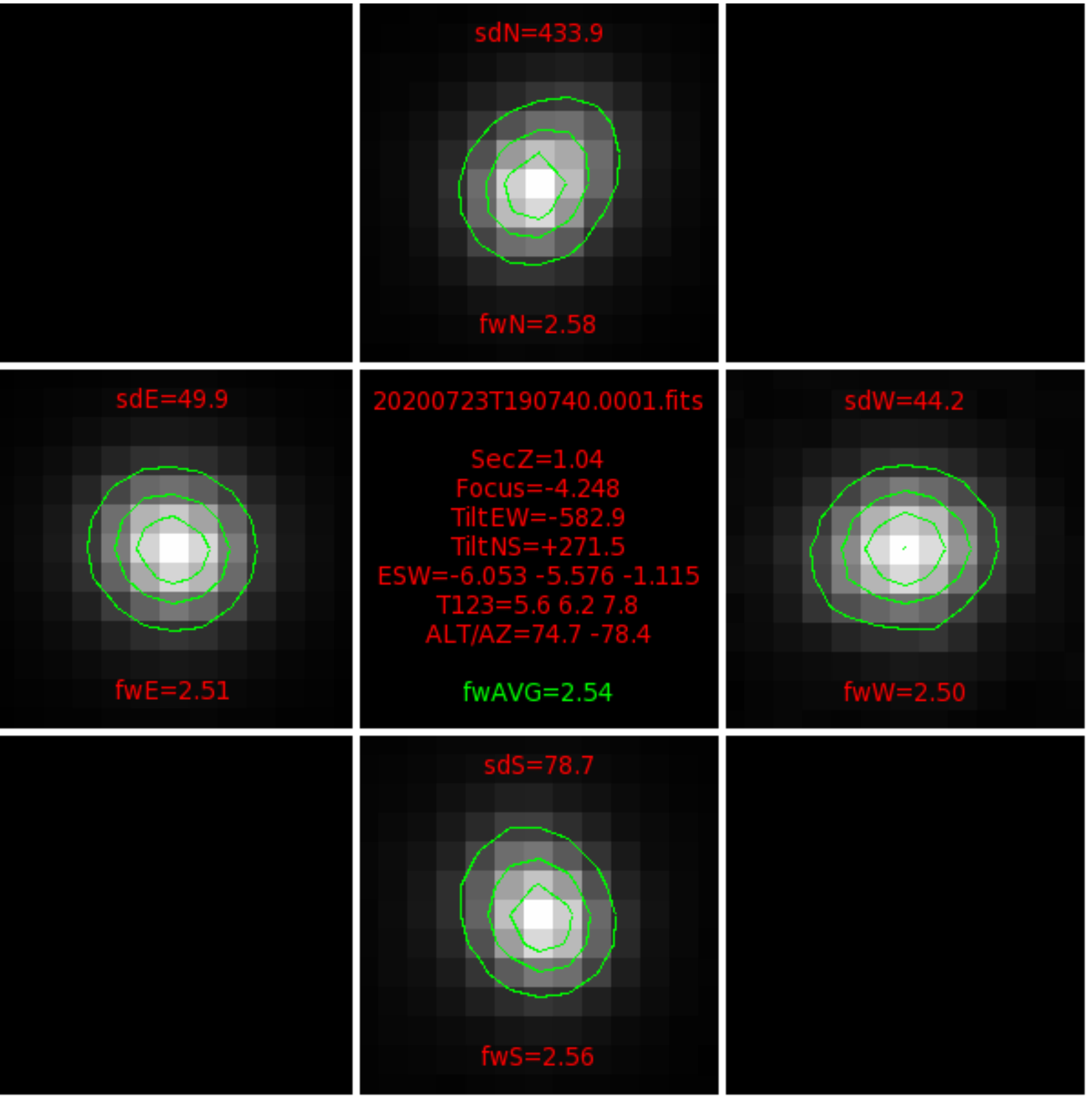
sdN=433.9
fwN=2.58
sdE=49.9
fwE=2.51
20200723T190740.0001.fits
SecZ=1.04
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.2 7.8
ALT/AZ=74.7 -78.4
fwAVG=2.54
sdW=44.2
fwW=2.50
sdS=78.7
fwS=2.56
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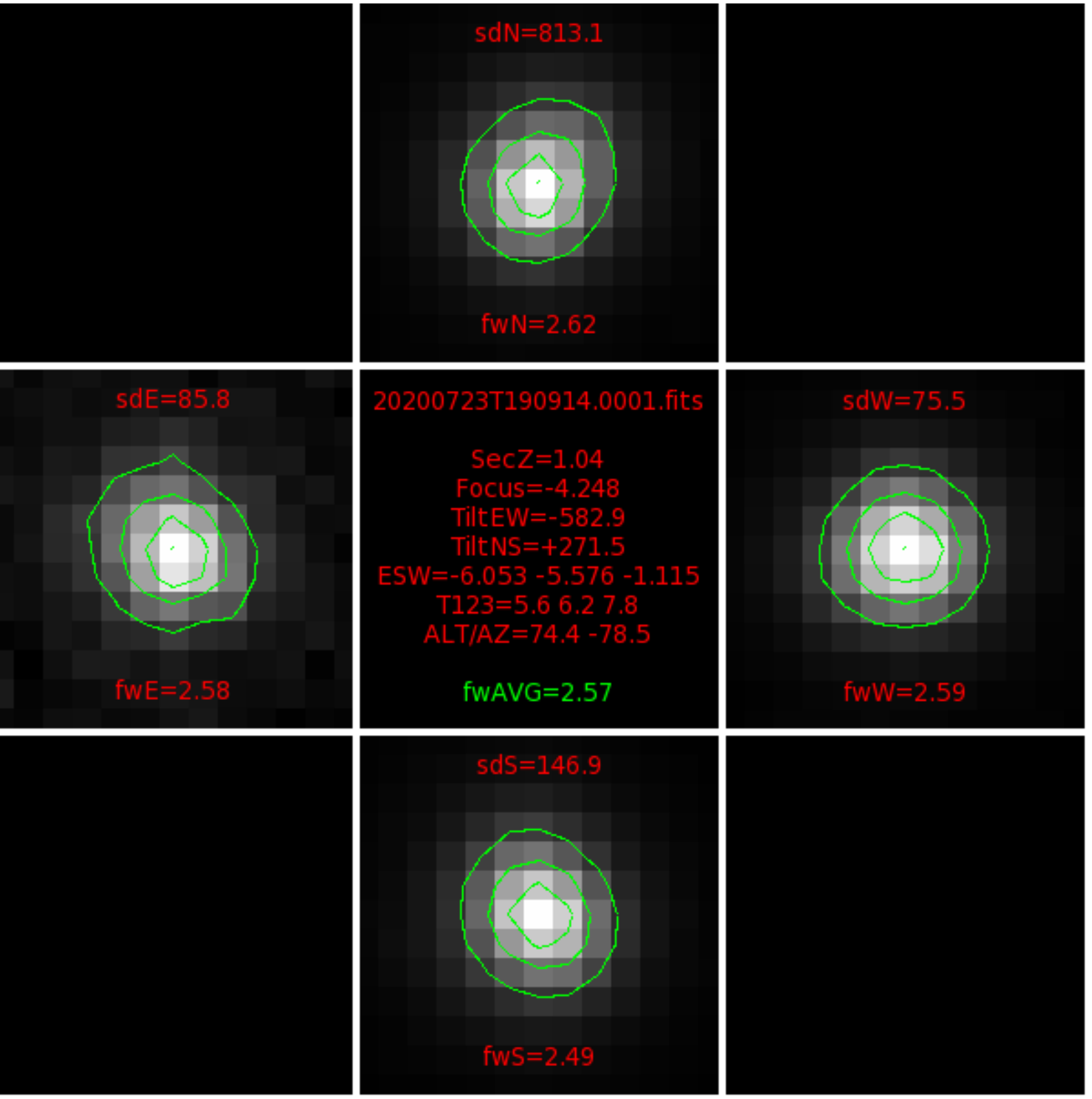
sdN=813.1
fwN=2.62
sdE=85.8
fwE=2.58
20200723T190914.0001.fits
SecZ=1.04
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.2 7.8
ALT/AZ=74.4 -78.5
fwAVG=2.57
sdW=75.5
fwW=2.59
sdS=146.9
fwS=2.49
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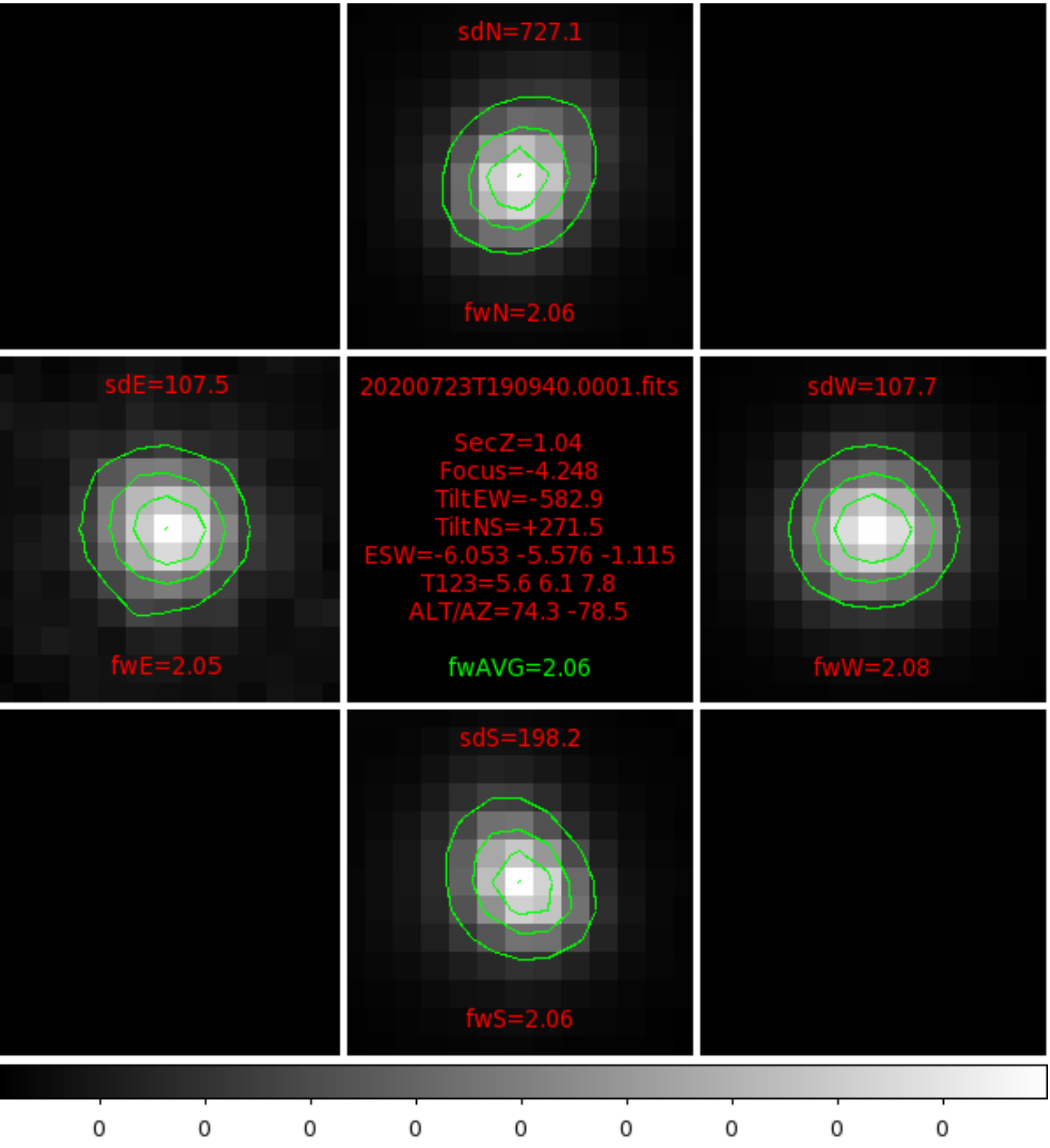
sdN=727.1
fwN=2.06
sdE=107.5
fwE=2.05
20200723T190940.0001.fits
SecZ=1.04
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.6 6.1 7.8
ALT/AZ=74.3 -78.5
fwAVG=2.06
sdW=107.7
fwW=2.08
sdS=198.2
fwS=2.06
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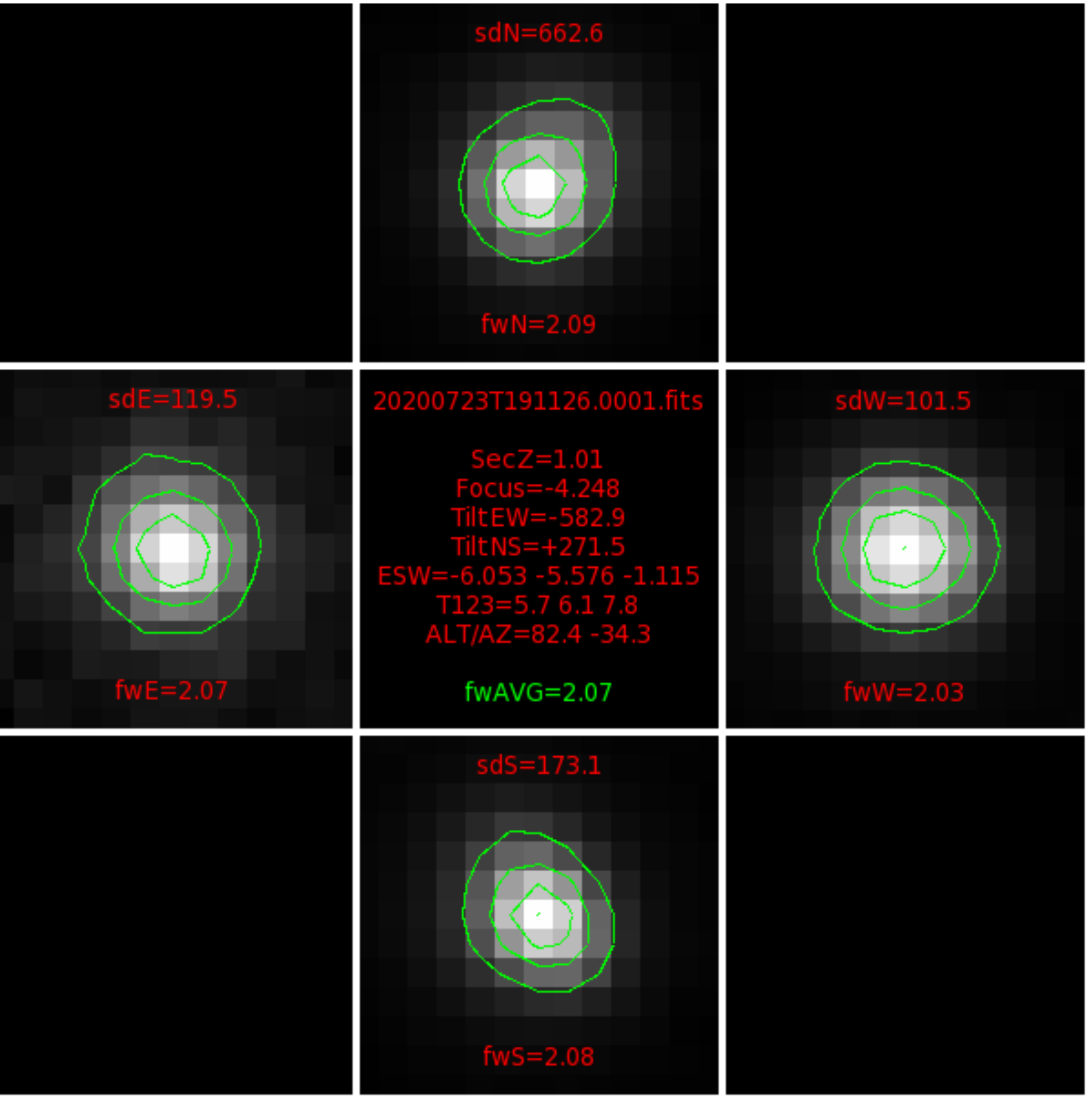
sdN=662.6
fwN=2.09
sdE=119.5
fwE=2.07
20200723T191126.0001.fits
SecZ=1.01
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.7 6.1 7.8
ALT/AZ=82.4 -34.3
fwAVG=2.07
sdW=101.5
fwW=2.03
sdS=173.1
fwS=2.08
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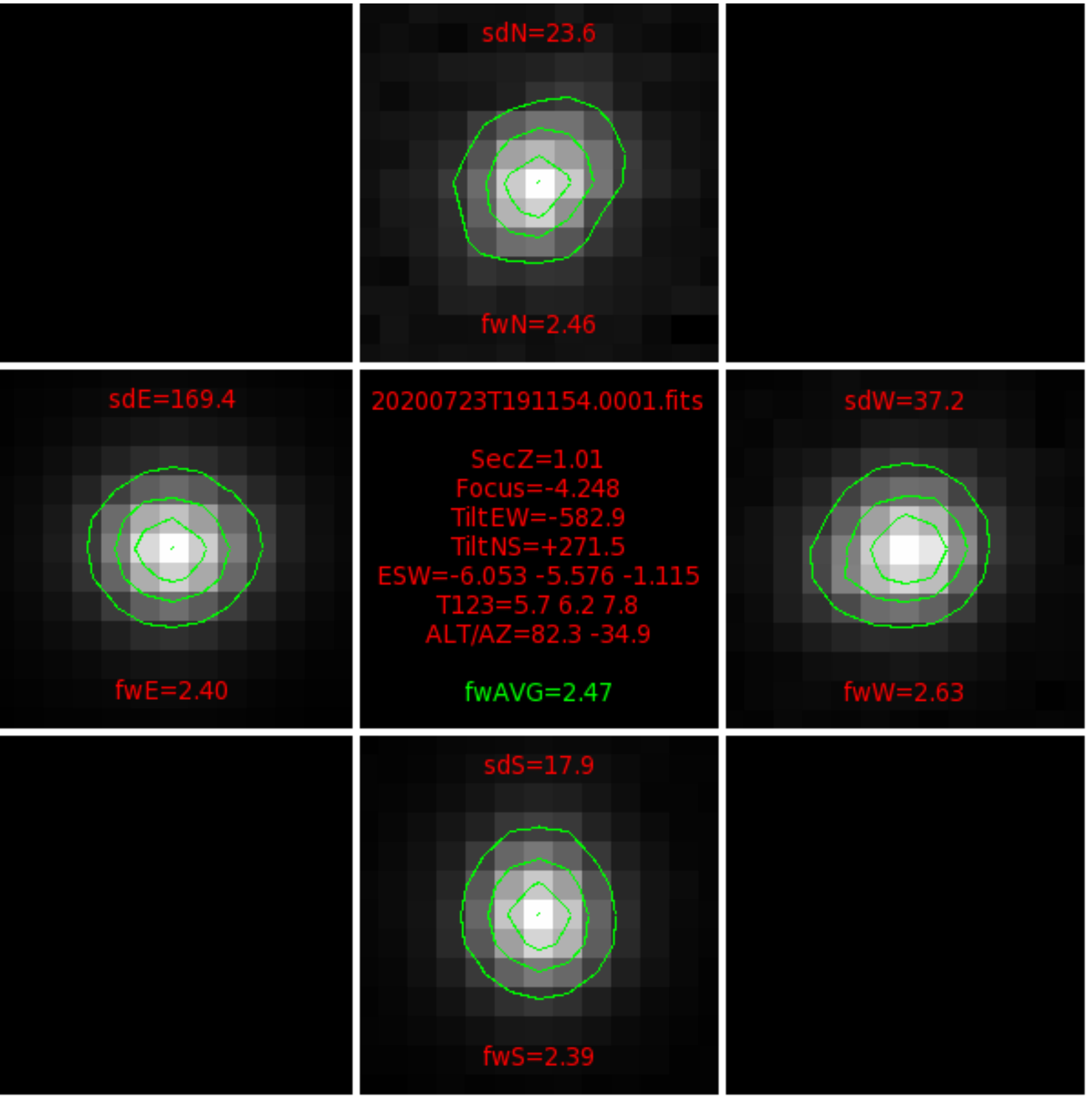
sdN=23.6
fwN=2.46
sdE=169.4
fwE=2.40
20200723T191154.0001.fits
SecZ=1.01
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.7 6.2 7.8
ALT/AZ=82.3 -34.9
fwAVG=2.47
sdW=37.2
fwW=2.63
sdS=17.9
fwS=2.39
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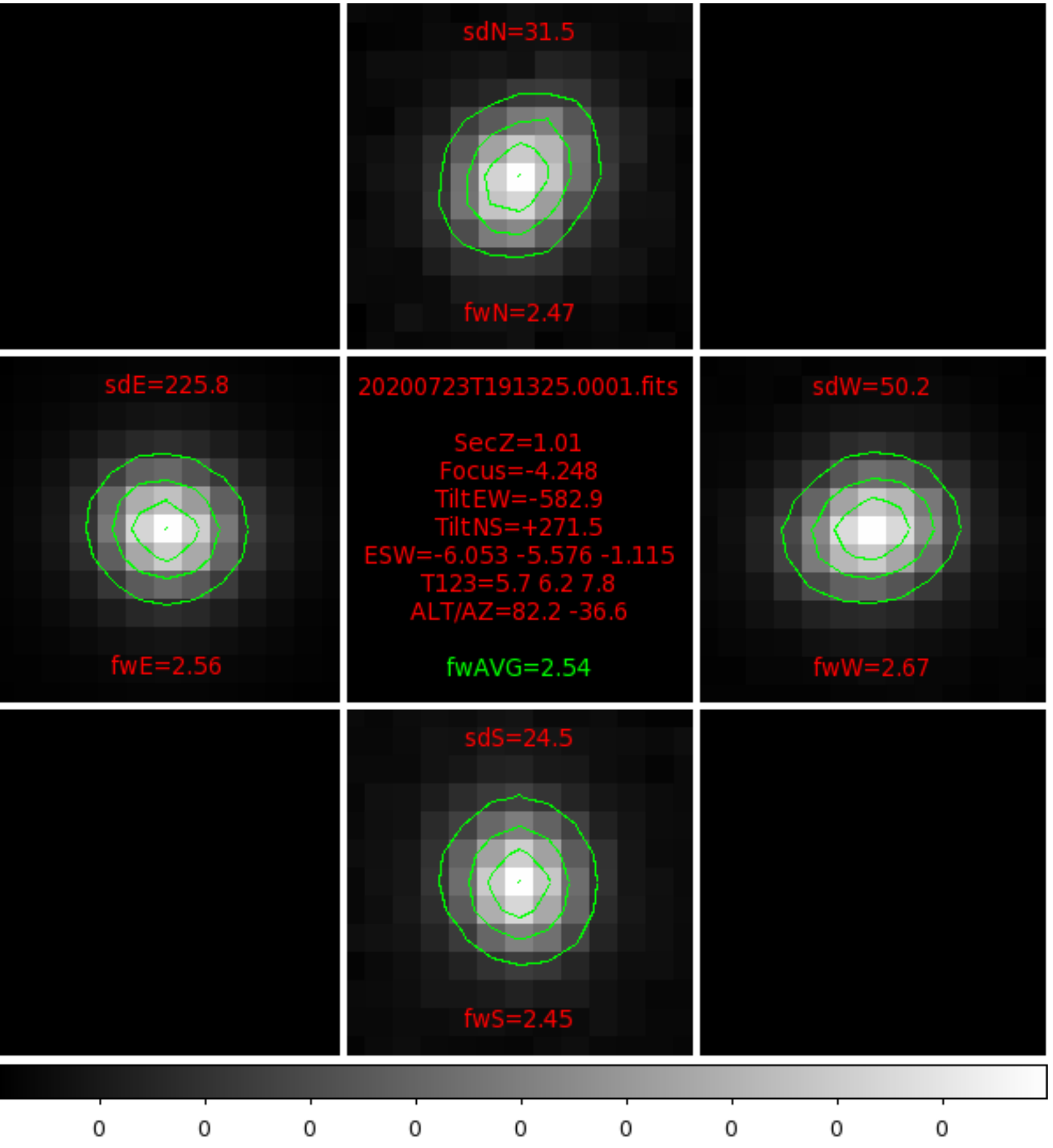
sdN=31.5
fwN=2.47
sdE=225.8
fwE=2.56
20200723T191325.0001.fits
SecZ=1.01
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.7 6.2 7.8
ALT/AZ=82.2 -36.6
fwAVG=2.54
sdW=50.2
fwW=2.67
sdS=24.5
fwS=2.45
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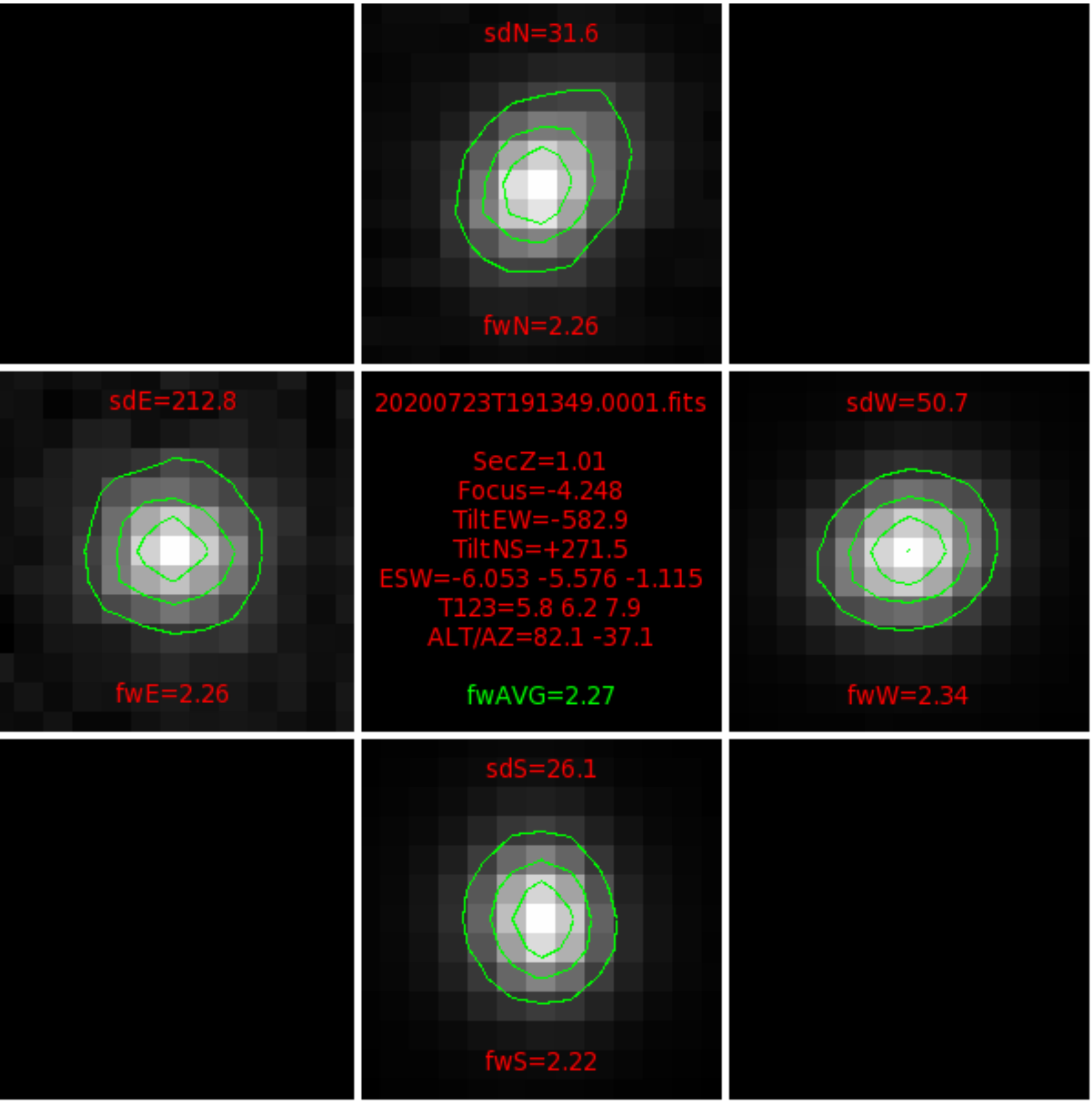
sdN=31.6
fwN=2.26
sdE=212.8
fwE=2.26
20200723T191349.0001.fits
SecZ=1.01
Focus=-4.248
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.053 -5.576 -1.115
T123=5.8 6.2 7.9
ALT/AZ=82.1 -37.1
fwAVG=2.27
sdW=50.7
fwW=2.34
sdS=26.1
fwS=2.22
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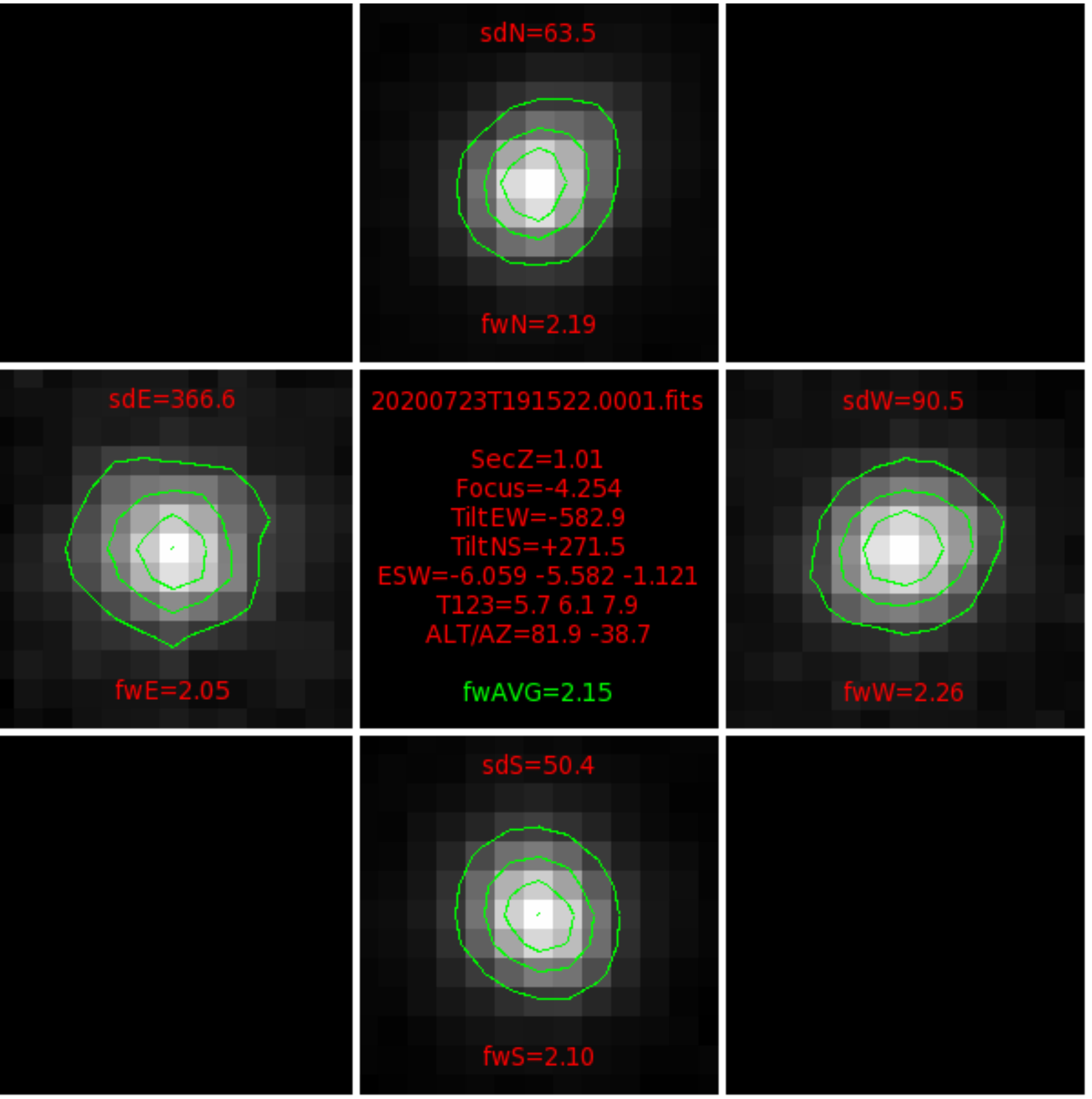
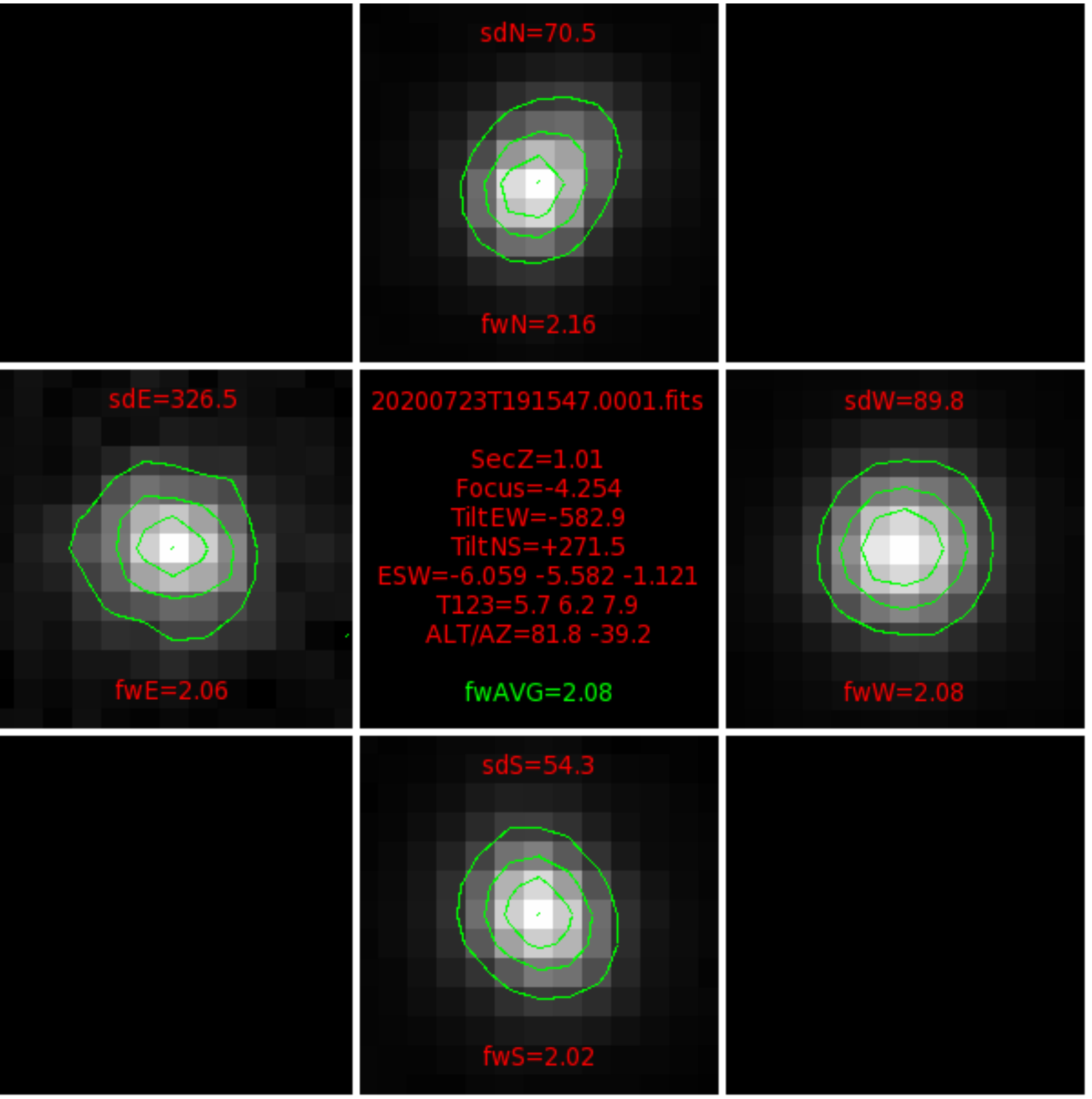

sdN=63.5
fwN=2.19
sdE=366.6
fwE=2.05
20200723T191522.0001.fits
SecZ=1.01
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.7 6.1 7.9
ALT/AZ=81.9 -38.7
fwAVG=2.15
sdW=90.5
fwW=2.26
sdS=50.4
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=70.5
fwN=2.16
sdE=326.5
fwE=2.06
20200723T191547.0001.fits
SecZ=1.01
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.7 6.2 7.9
ALT/AZ=81.8 -39.2
fwAVG=2.08
sdW=89.8
fwW=2.08
sdS=54.3
fwS=2.02
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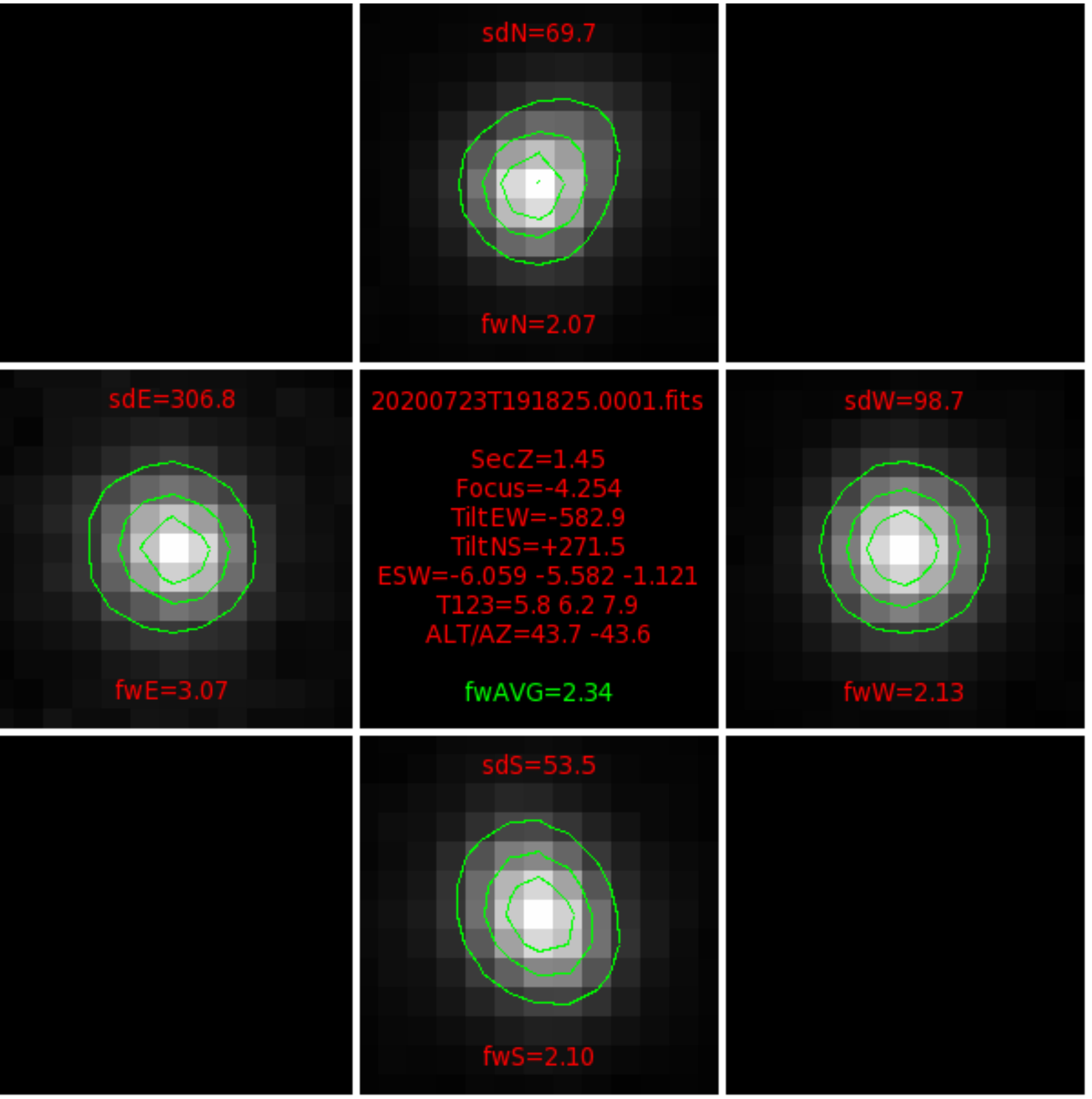
sdN=69.7
fwN=2.07
sdE=306.8
fwE=3.07
20200723T191825.0001.fits
SecZ=1.45
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=43.7 -43.6
fwAVG=2.34
sdW=98.7
fwW=2.13
sdS=53.5
fwS=2.10
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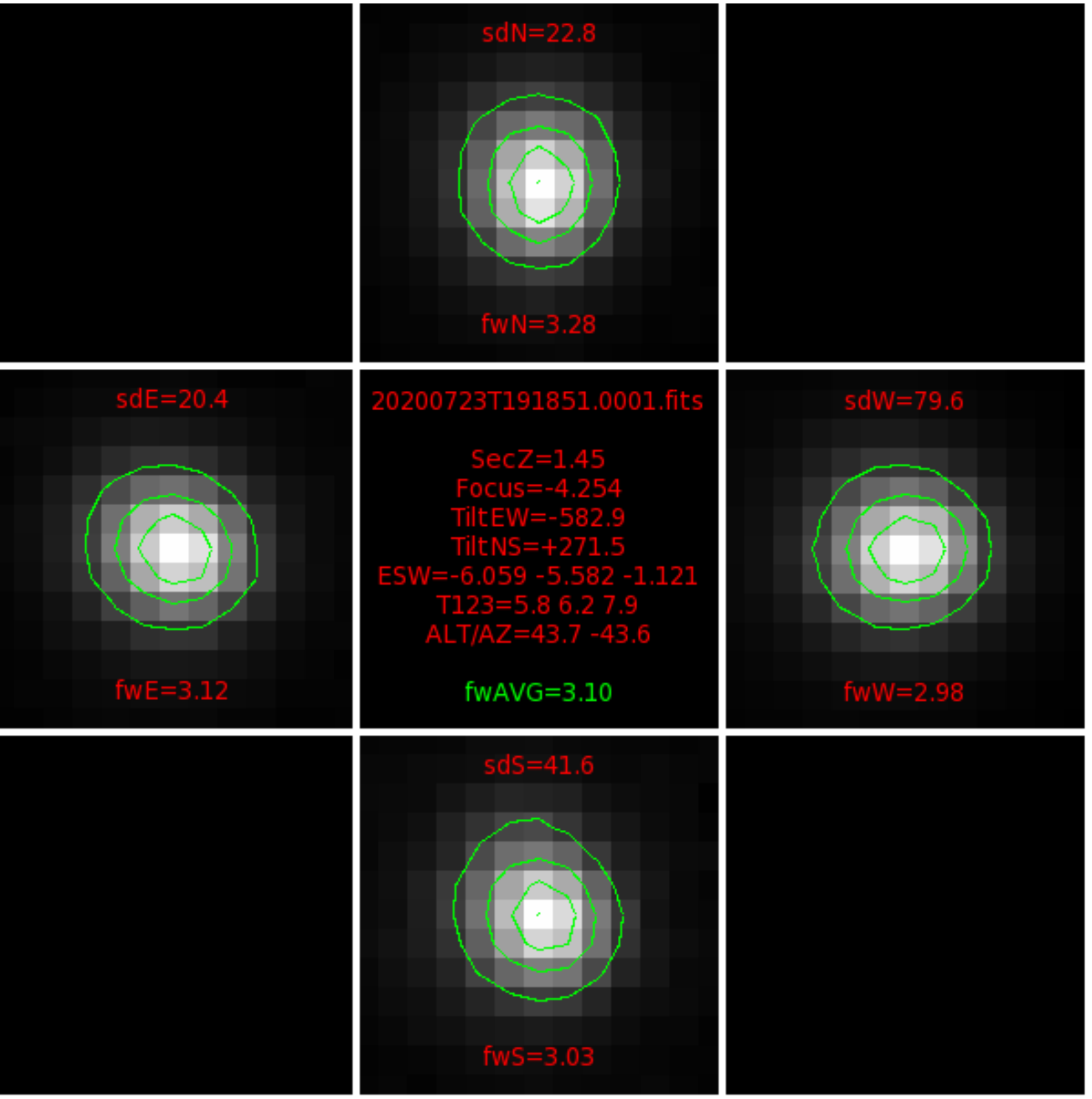
sdN=22.8
fwN=3.28
sdE=20.4
fwE=3.12
20200723T191851.0001.fits
SecZ=1.45
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=43.7 -43.6
fwAVG=3.10
sdW=79.6
fwW=2.98
sdS=41.6
fwS=3.03
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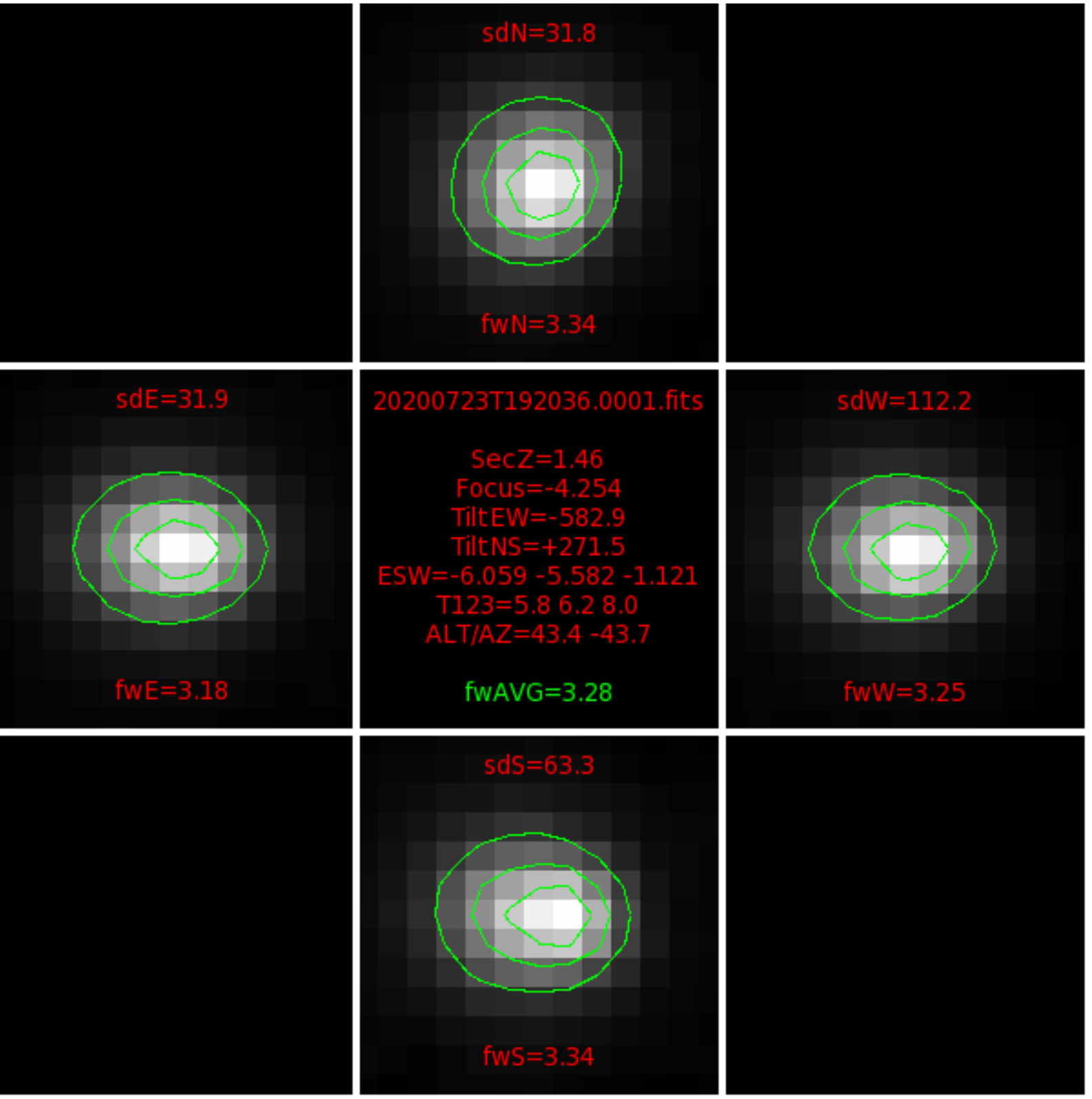
sdN=31.8
fwN=3.34
sdE=31.9
fwE=3.18
20200723T192036.0001.fits
SecZ=1.46
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 8.0
ALT/AZ=43.4 -43.7
fwAVG=3.28
sdW=112.2
fwW=3.25
sdS=63.3
fwS=3.34
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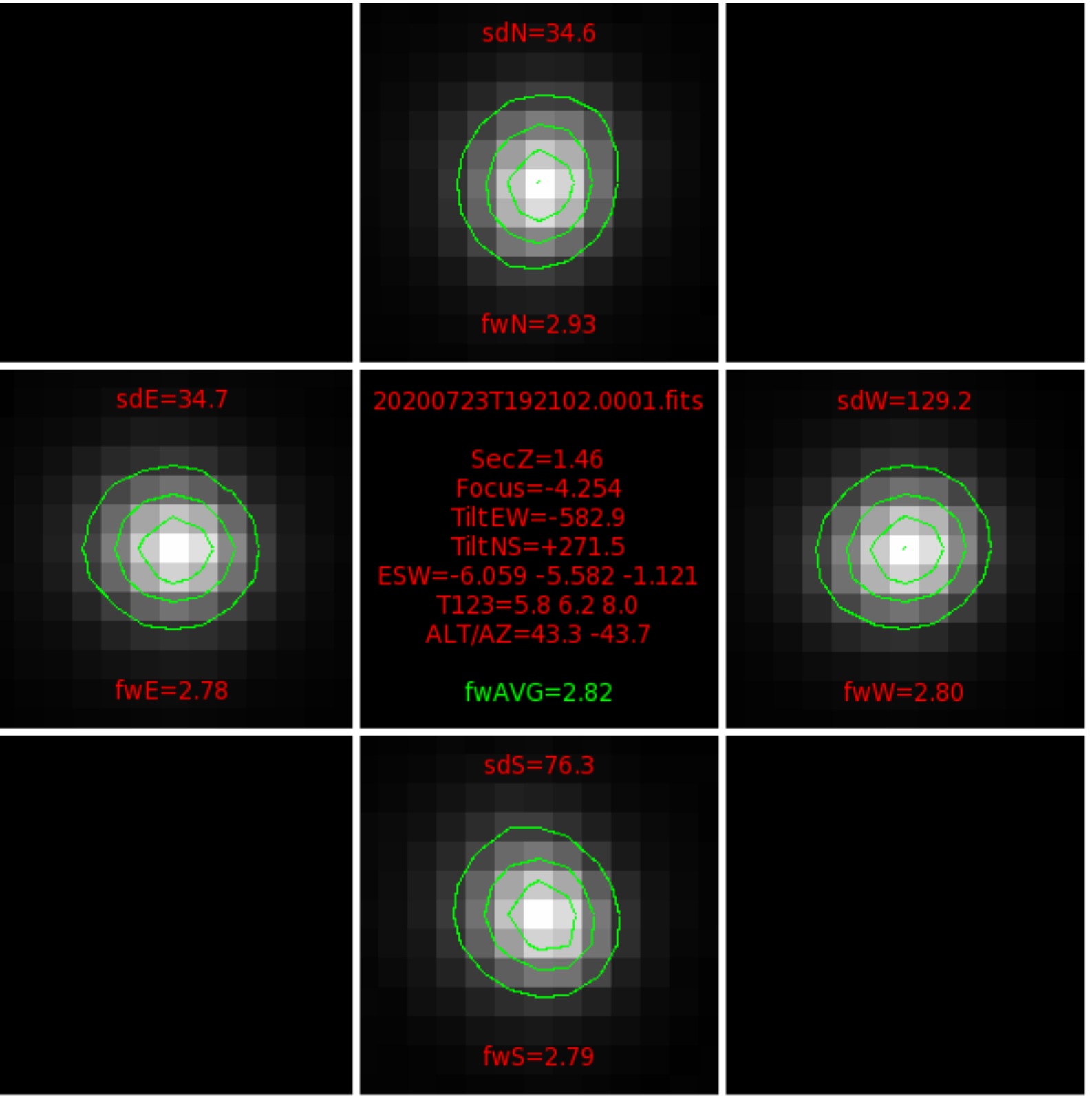
sdN=34.6
fwN=2.93
sdE=34.7
fwE=2.78
20200723T192102.0001.fits
SecZ=1.46
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 8.0
ALT/AZ=43.3 -43.7
fwAVG=2.82
sdW=129.2
fwW=2.80
sdS=76.3
fwS=2.79
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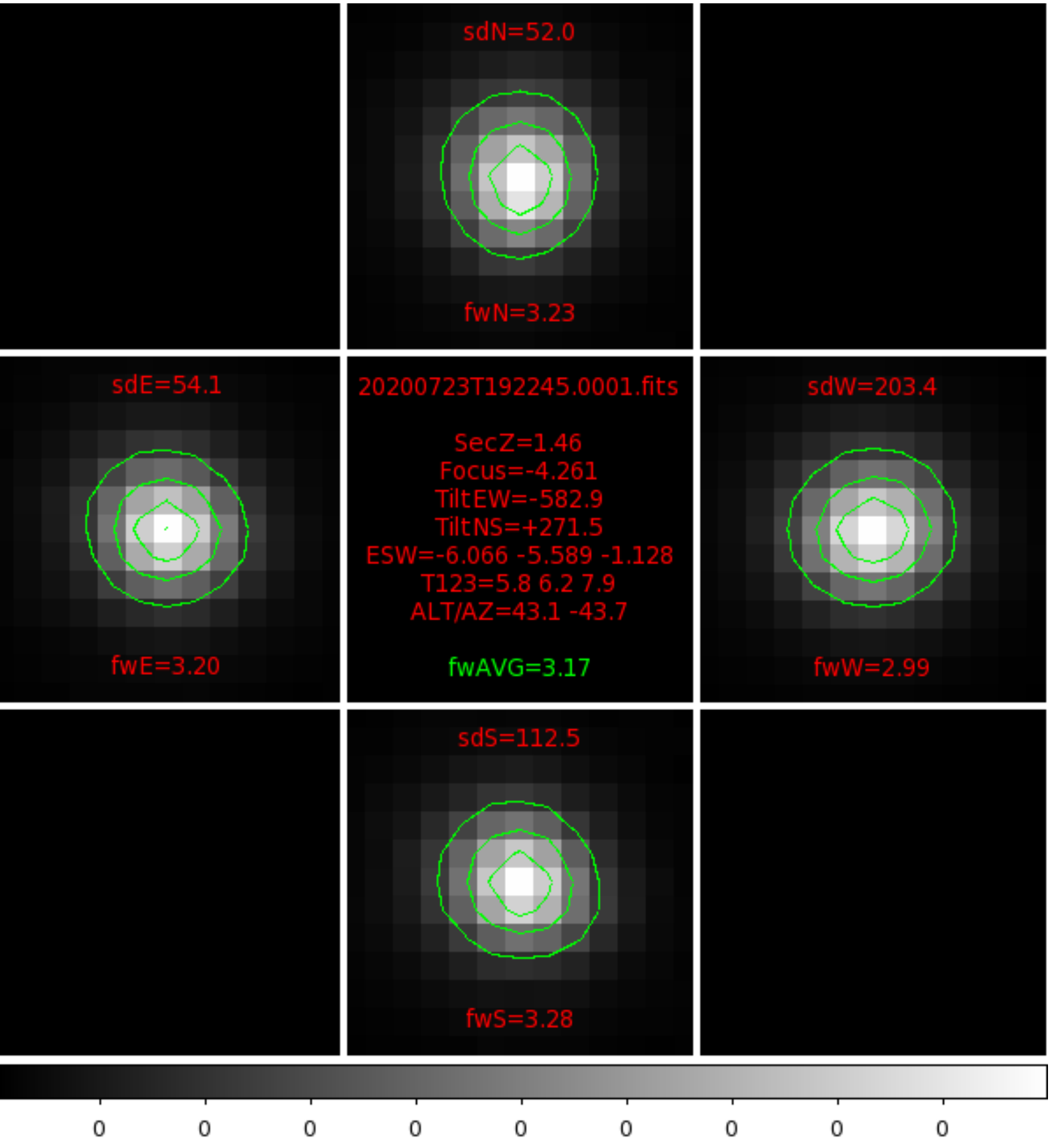
sdN=52.0
fwN=3.23
sdE=54.1
fwE=3.20
20200723T192245.0001.fits
SecZ=1.46
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.8 6.2 7.9
ALT/AZ=43.1 -43.7
fwAVG=3.17
sdW=203.4
fwW=2.99
sdS=112.5
fwS=3.28
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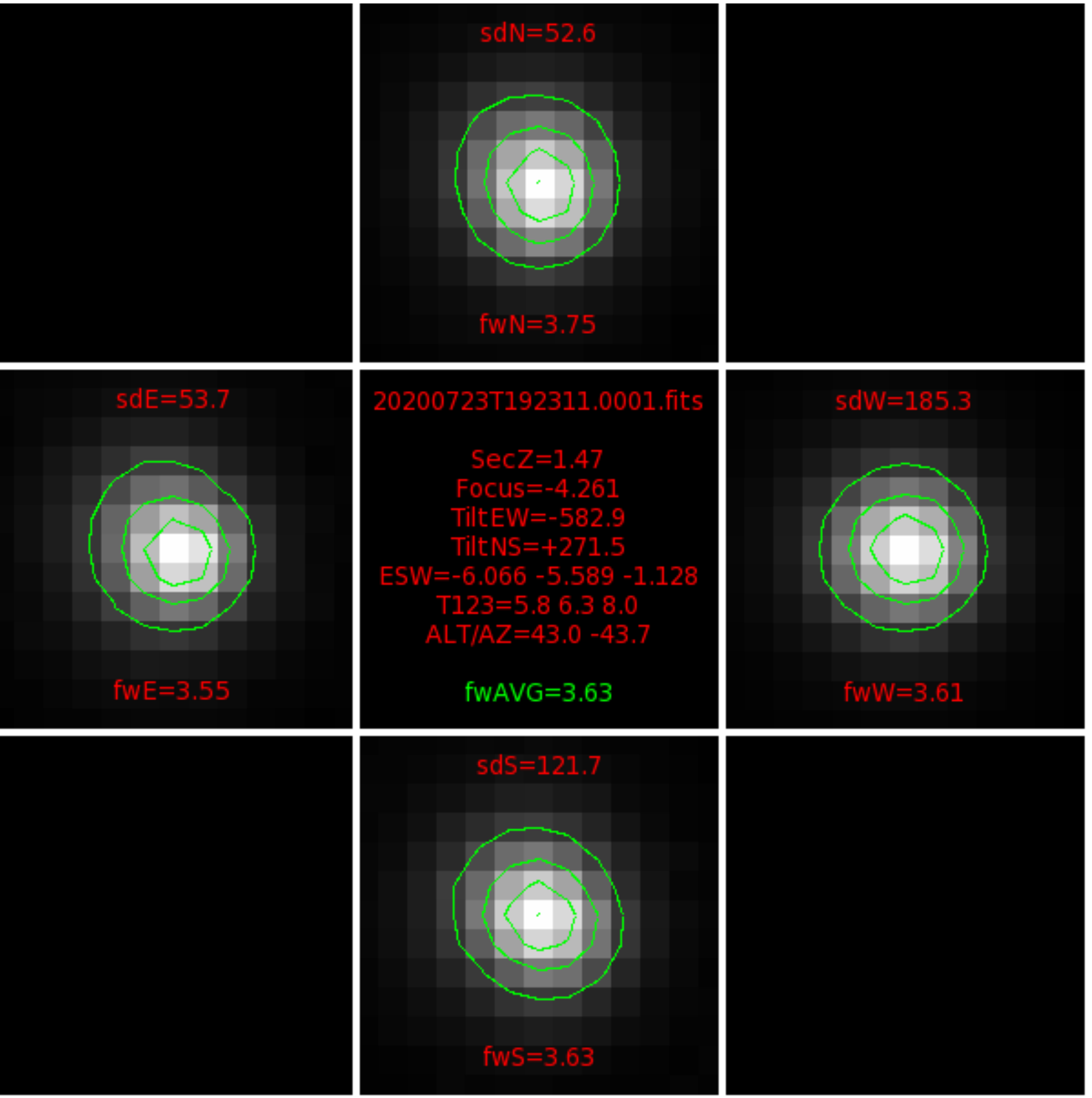
sdN=52.6
fwN=3.75
sdE=53.7
fwE=3.55
20200723T192311.0001.fits
SecZ=1.47
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.8 6.3 8.0
ALT/AZ=43.0 -43.7
fwAVG=3.63
sdW=185.3
fwW=3.61
sdS=121.7
fwS=3.63
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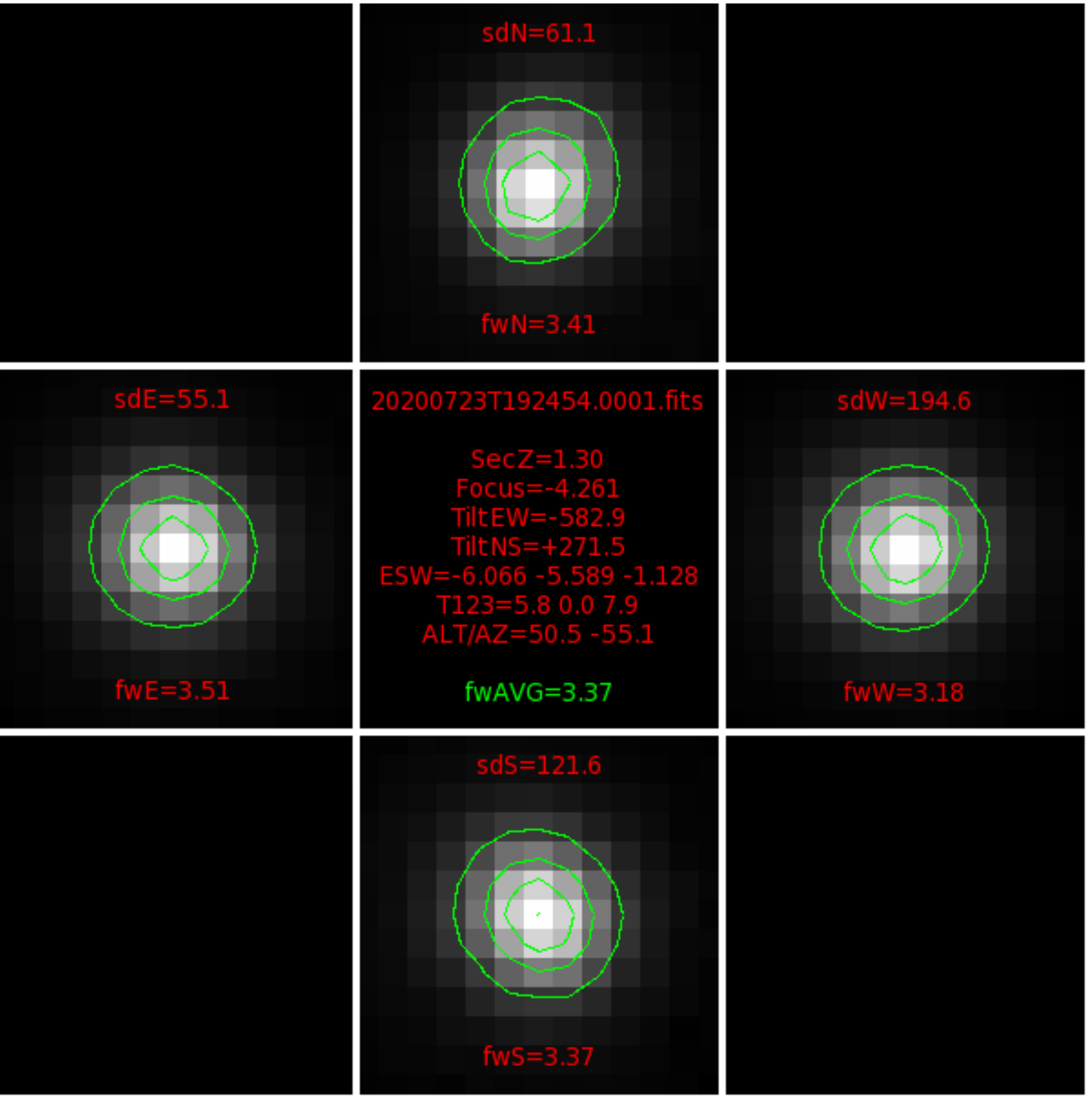
sdN=61.1
fwN=3.41
sdE=55.1
fwE=3.51
20200723T192454.0001.fits
SecZ=1.30
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.8 0.0 7.9
ALT/AZ=50.5 -55.1
fwAVG=3.37
sdW=194.6
fwW=3.18
sdS=121.6
fwS=3.37
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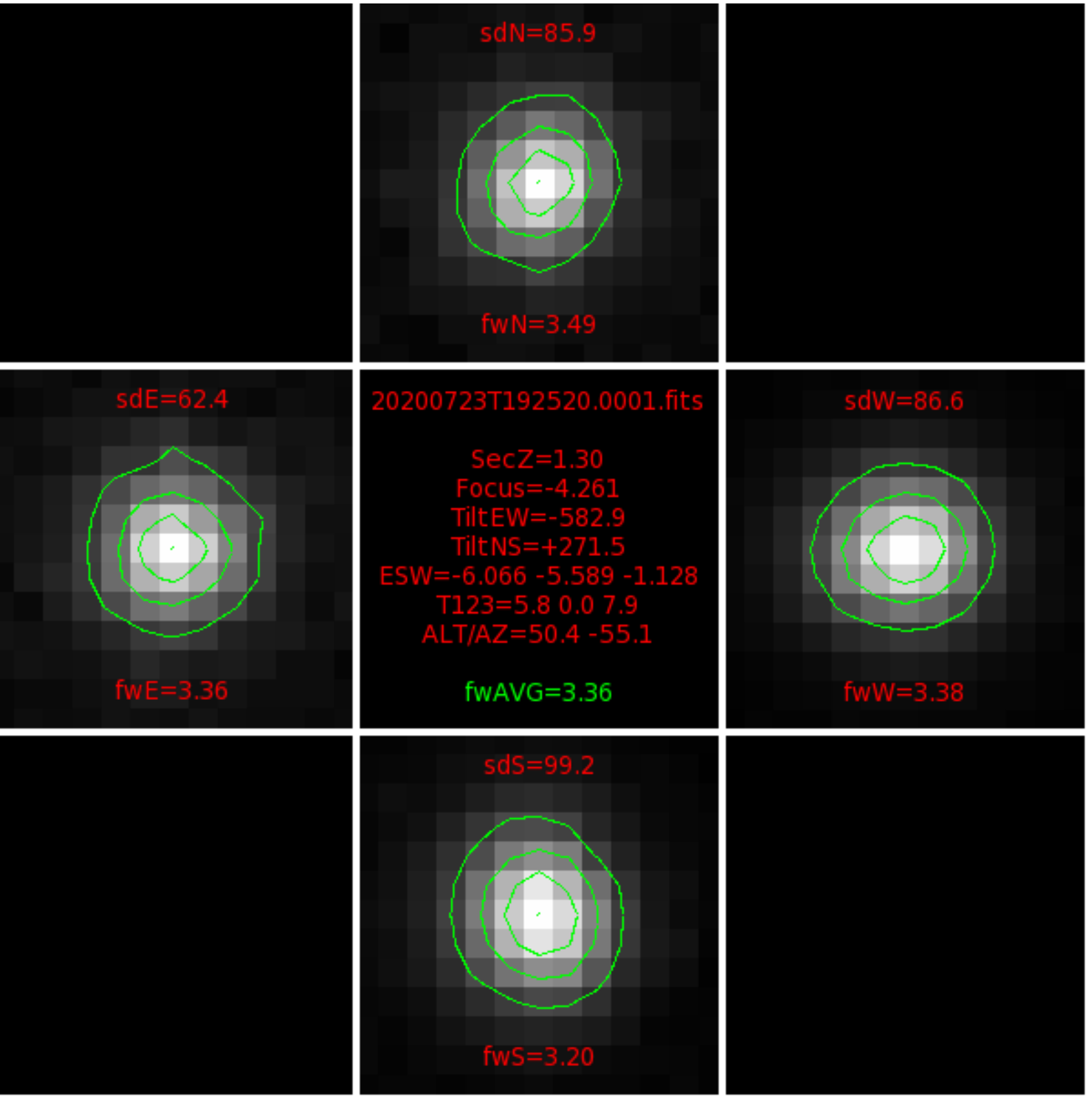
sdN=85.9
fwN=3.49
sdE=62.4
fwE=3.36
20200723T192520.0001.fits
SecZ=1.30
Focus=-4.261
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.066 -5.589 -1.128
T123=5.8 0.0 7.9
ALT/AZ=50.4 -55.1
fwAVG=3.36
sdW=86.6
fwW=3.38
sdS=99.2
fwS=3.20
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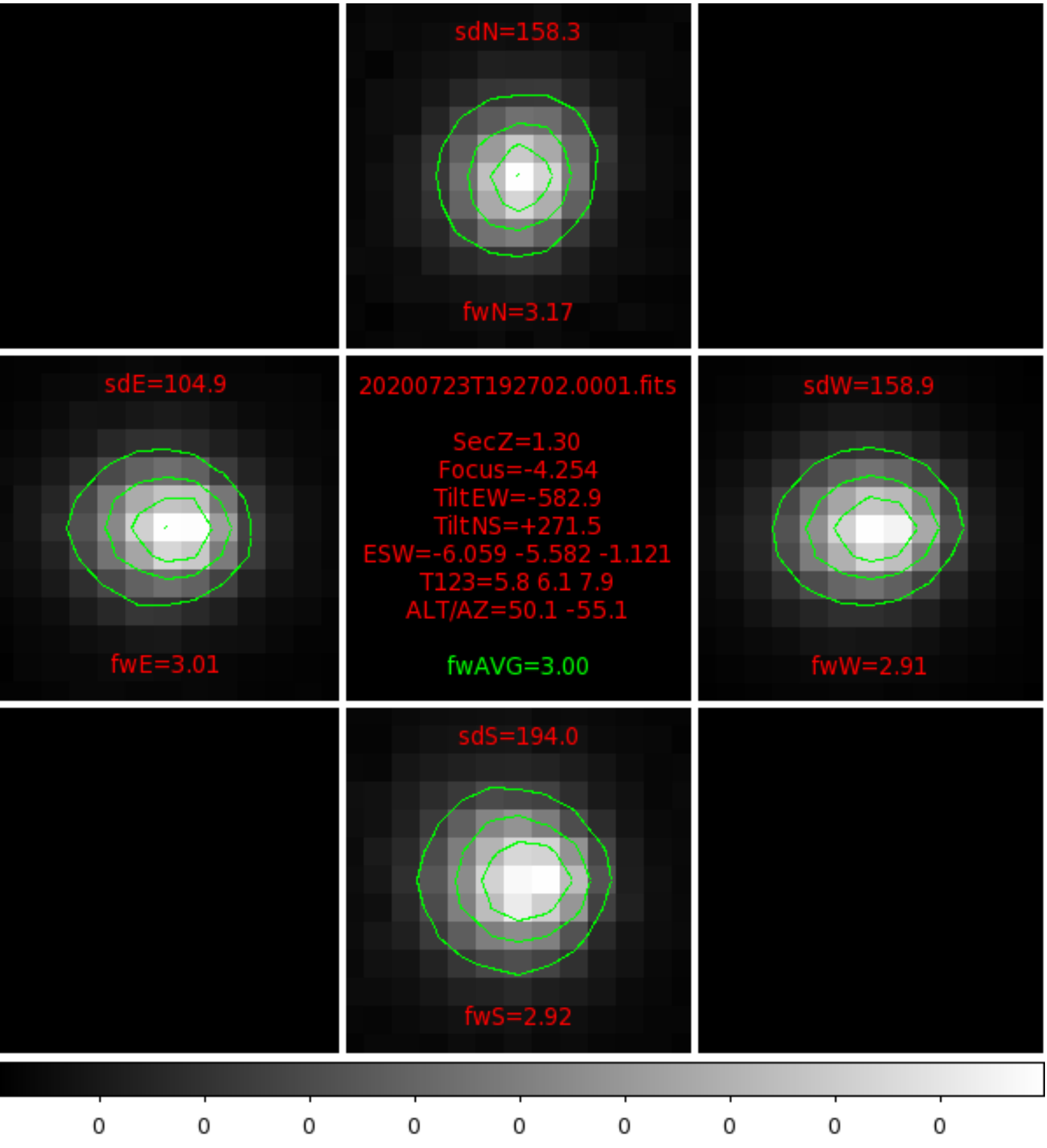
sdN=158.3
fwN=3.17
sdE=104.9
fwE=3.01
20200723T192702.0001.fits
SecZ=1.30
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.1 7.9
ALT/AZ=50.1 -55.1
fwAVG=3.00
sdW=158.9
fwW=2.91
sdS=194.0
fwS=2.92
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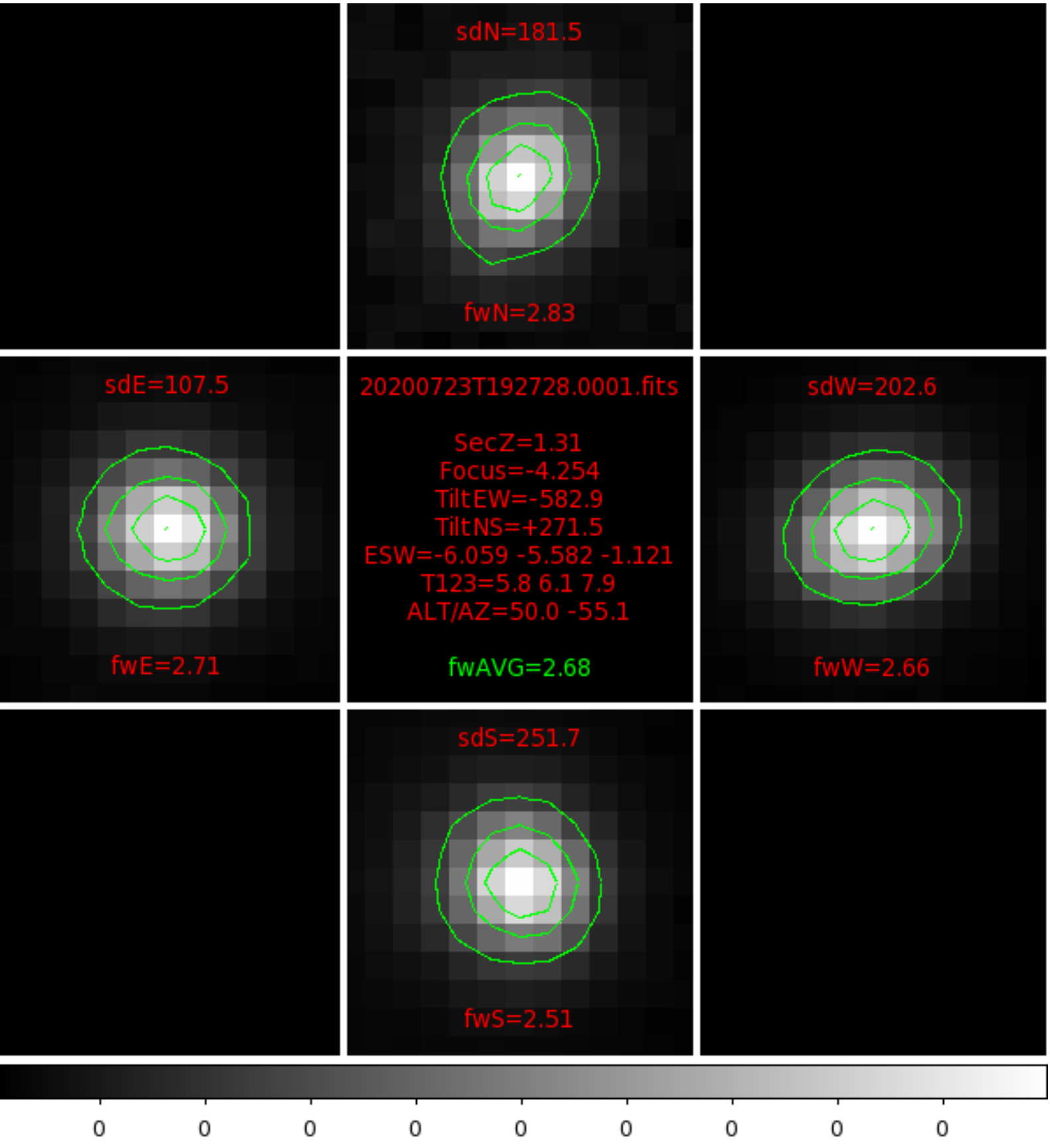
sdN=181.5
fwN=2.83
sdE=107.5
fwE=2.71
20200723T192728.0001.fits
SecZ=1.31
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.1 7.9
ALT/AZ=50.0 -55.1
fwAVG=2.68
sdW=202.6
fwW=2.66
sdS=251.7
fwS=2.51
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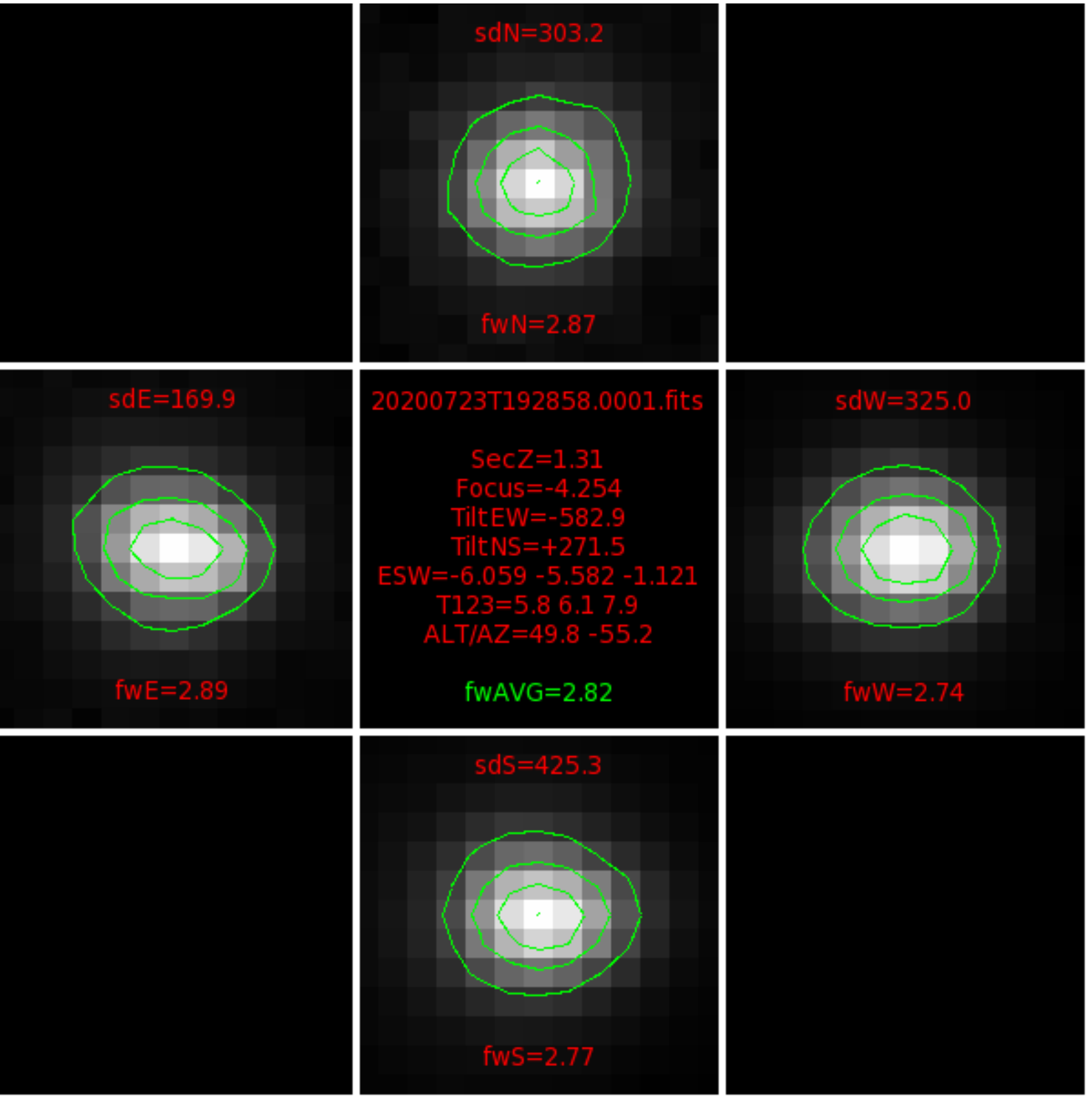
sdN=303.2
fwN=2.87
sdE=169.9
fwE=2.89
20200723T192858.0001.fits
SecZ=1.31
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.1 7.9
ALT/AZ=49.8 -55.2
fwAVG=2.82
sdW=325.0
fwW=2.74
sdS=425.3
fwS=2.77
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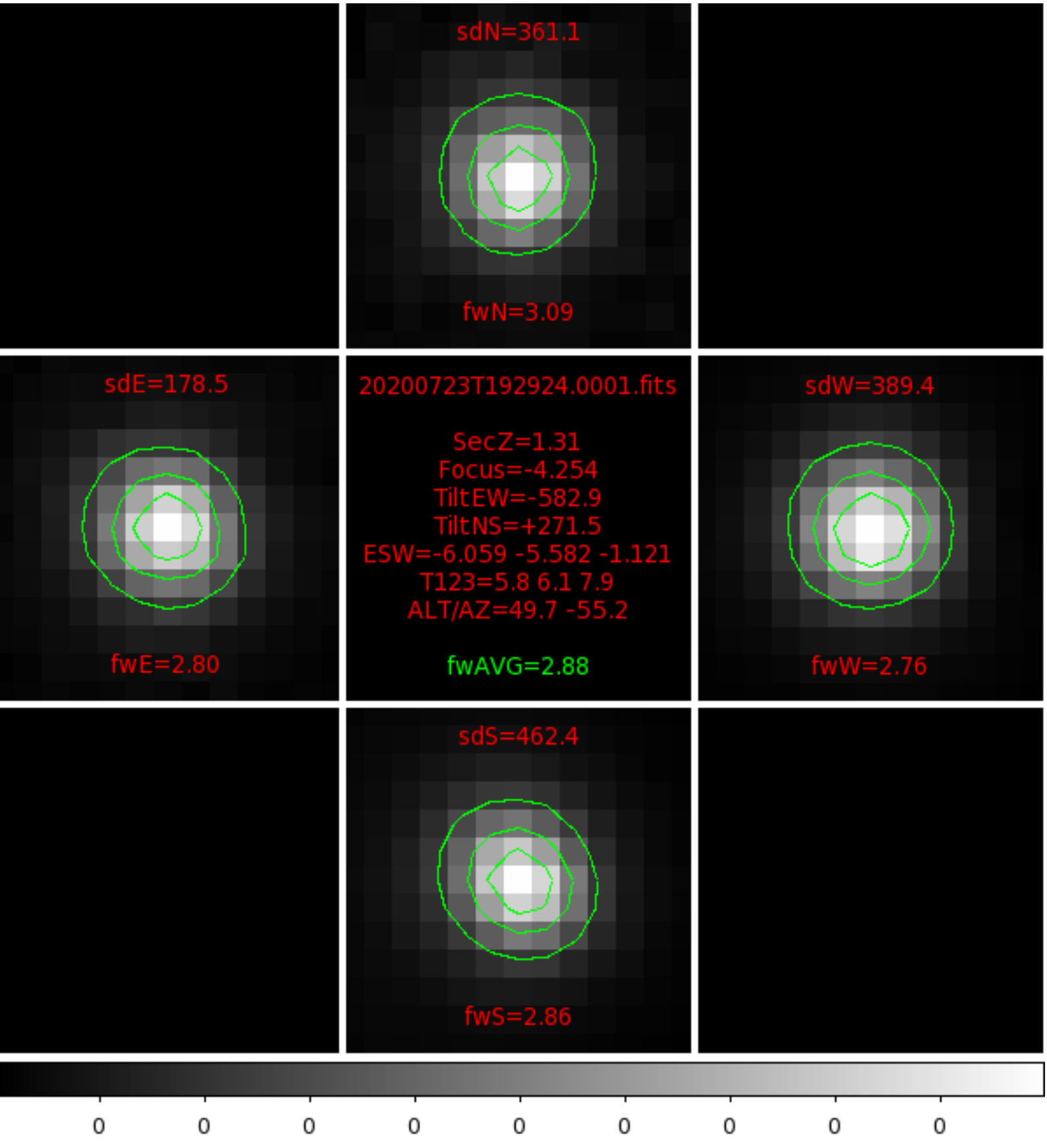
sdN=361.1
fwN=3.09
sdE=178.5
fwE=2.80
20200723T192924.0001.fits
SecZ=1.31
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.1 7.9
ALT/AZ=49.7 -55.2
fwAVG=2.88
sdW=389.4
fwW=2.76
sdS=462.4
fwS=2.86
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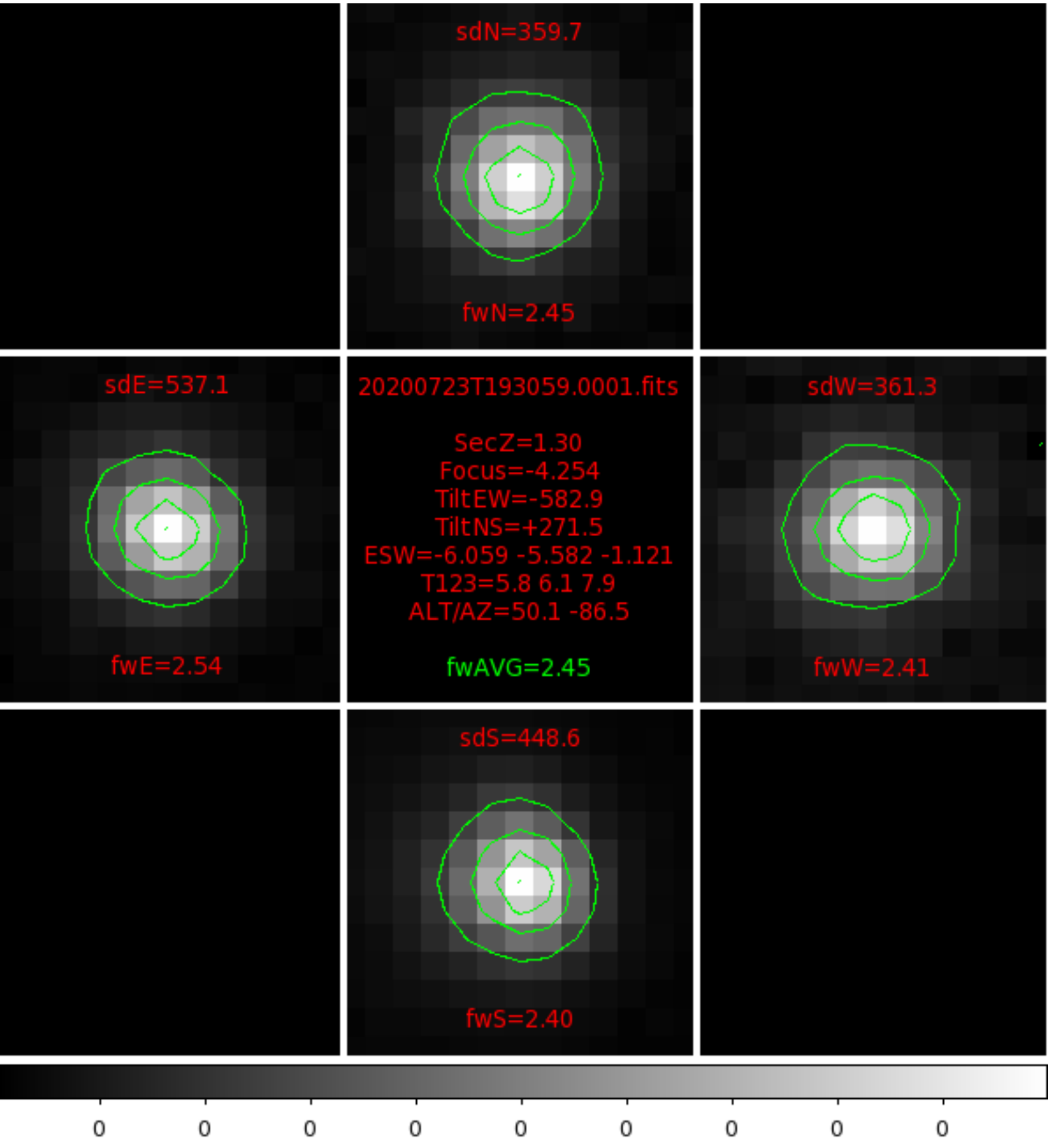
sdN=359.7
fwN=2.45
sdE=537.1
fwE=2.54
20200723T193059.0001.fits
SecZ=1.30
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.1 7.9
ALT/AZ=50.1 -86.5
fwAVG=2.45
sdW=361.3
fwW=2.41
sdS=448.6
fwS=2.40
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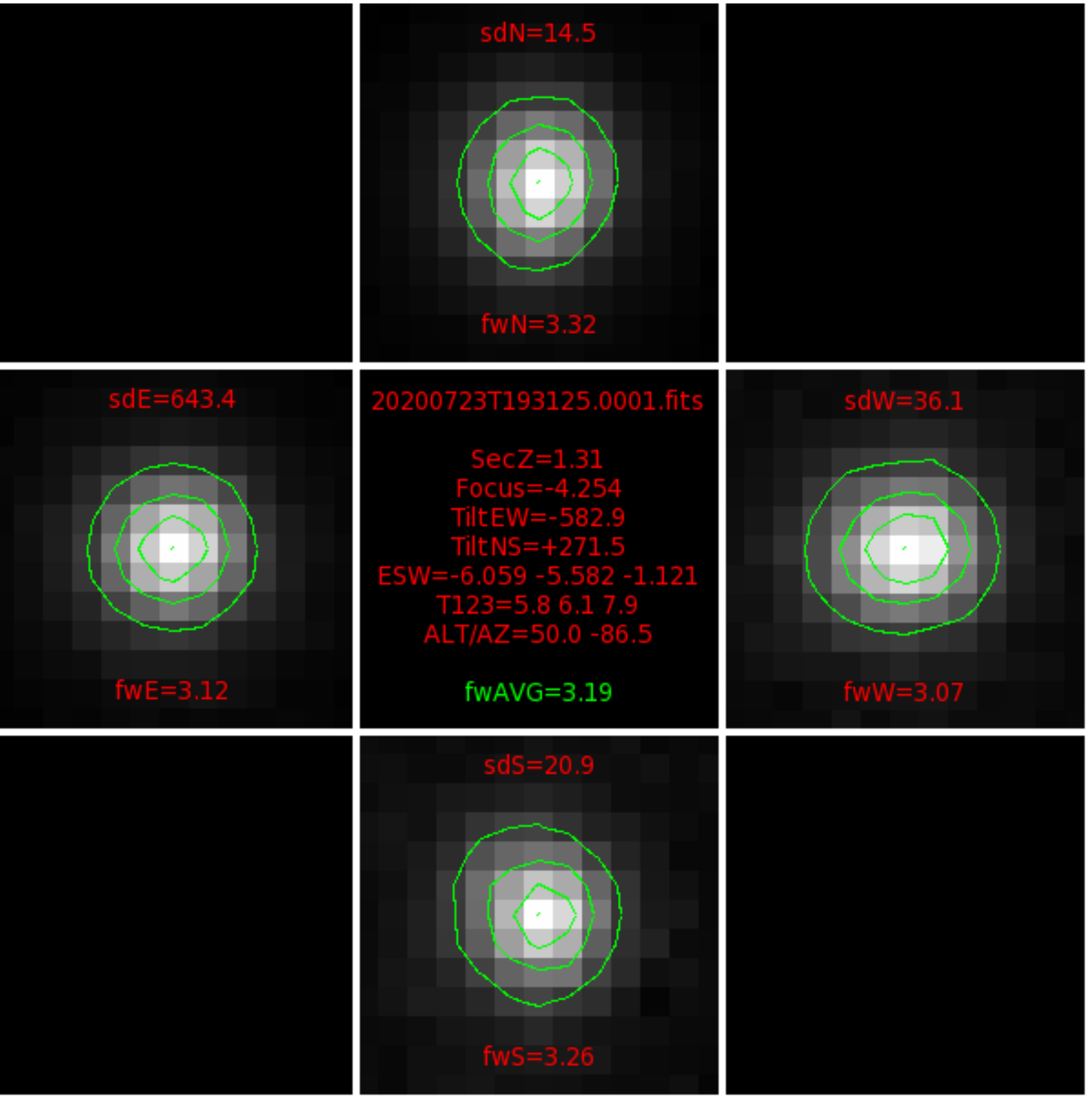
sdN=14.5
fwN=3.32
sdE=643.4
fwE=3.12
20200723T193125.0001.fits
SecZ=1.31
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.1 7.9
ALT/AZ=50.0 -86.5
fwAVG=3.19
sdW=36.1
fwW=3.07
sdS=20.9
fwS=3.26
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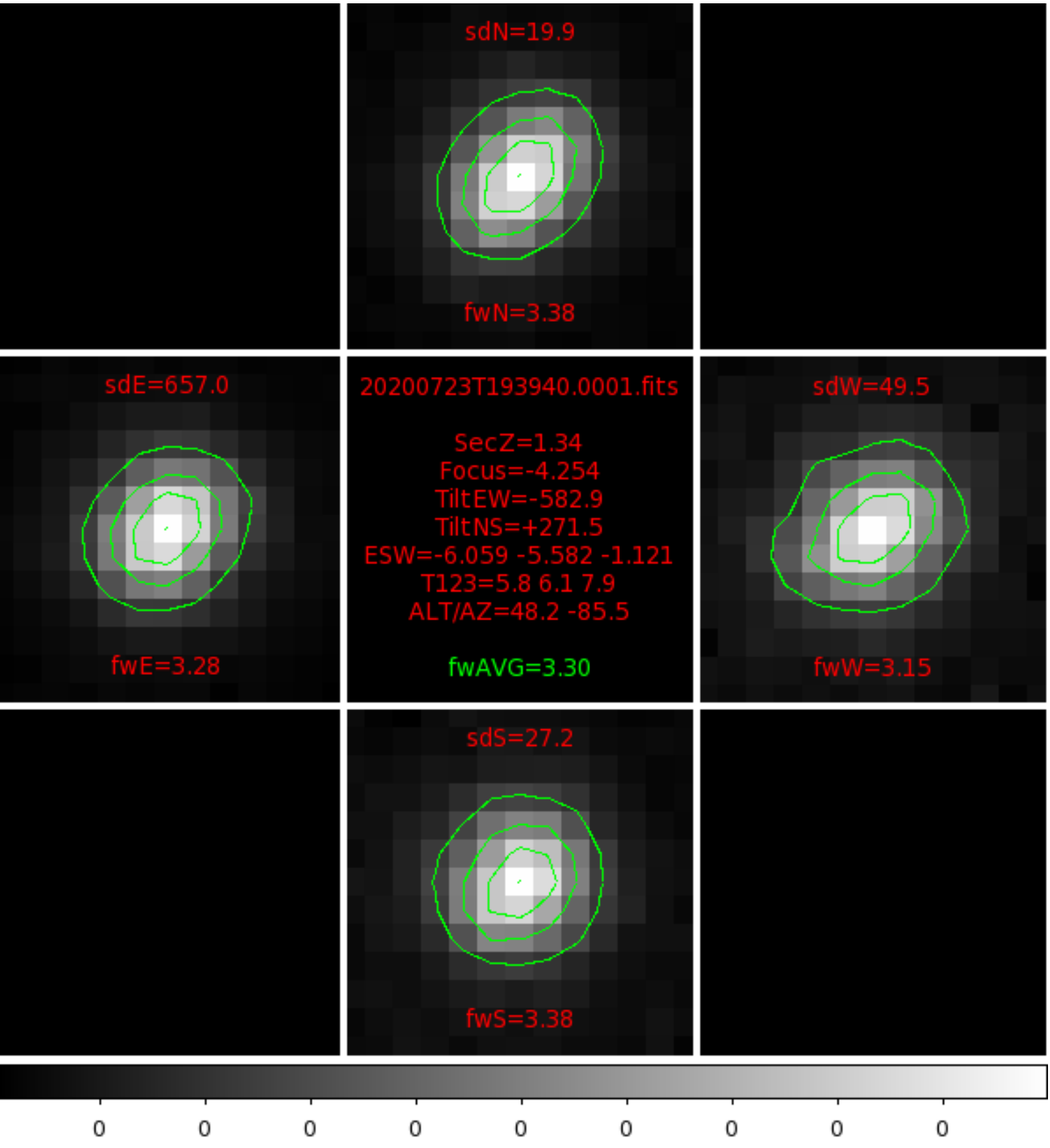
sdN=19.9
fwN=3.38
sdE=657.0
fwE=3.28
20200723T193940.0001.fits
SecZ=1.34
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.1 7.9
ALT/AZ=48.2 -85.5
fwAVG=3.30
sdW=49.5
fwW=3.15
sdS=27.2
fwS=3.38
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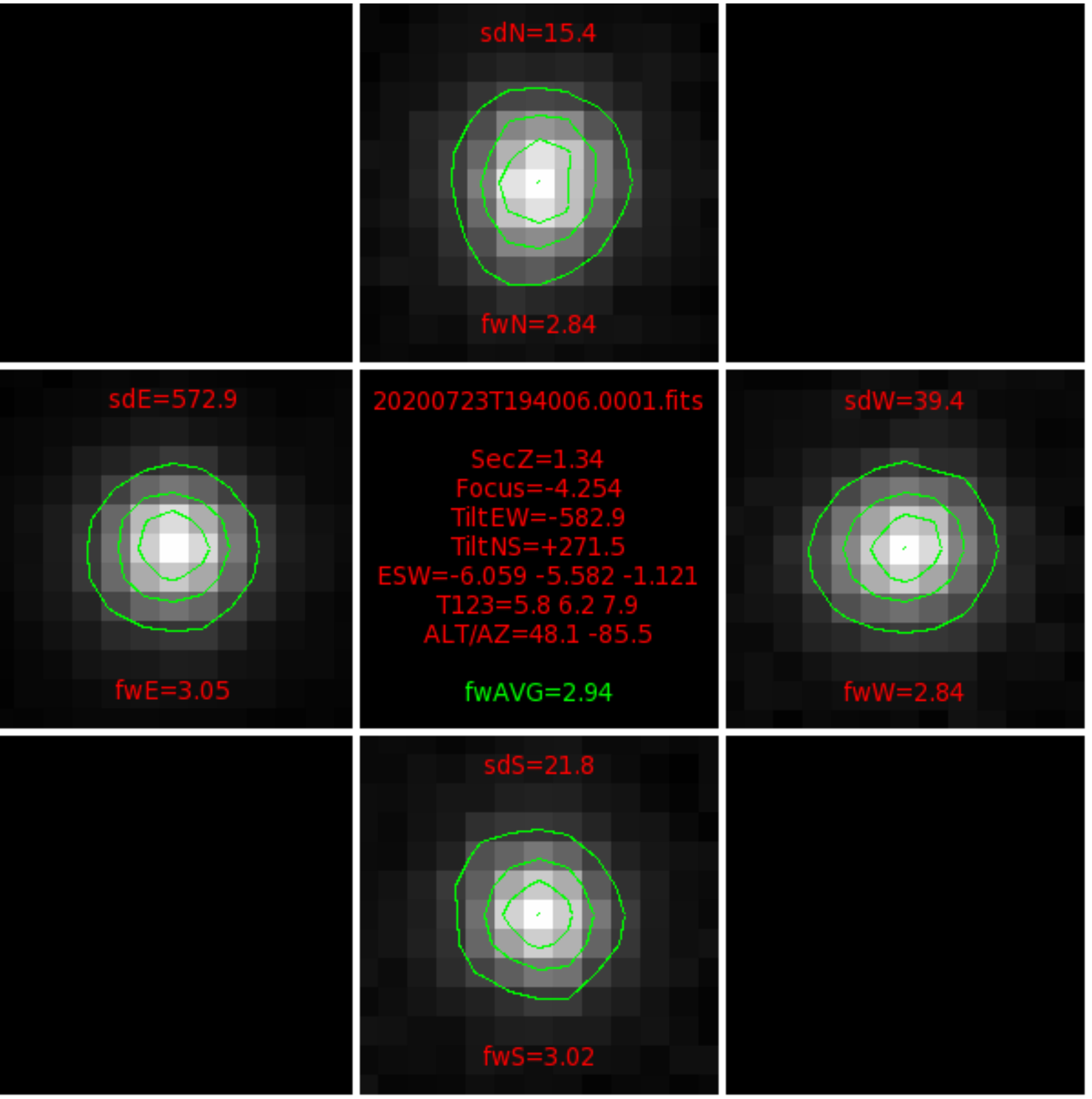
sdN=15.4
fwN=2.84
sdE=572.9
fwE=3.05
20200723T194006.0001.fits
SecZ=1.34
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=48.1 -85.5
fwAVG=2.94
sdW=39.4
fwW=2.84
sdS=21.8
fwS=3.02
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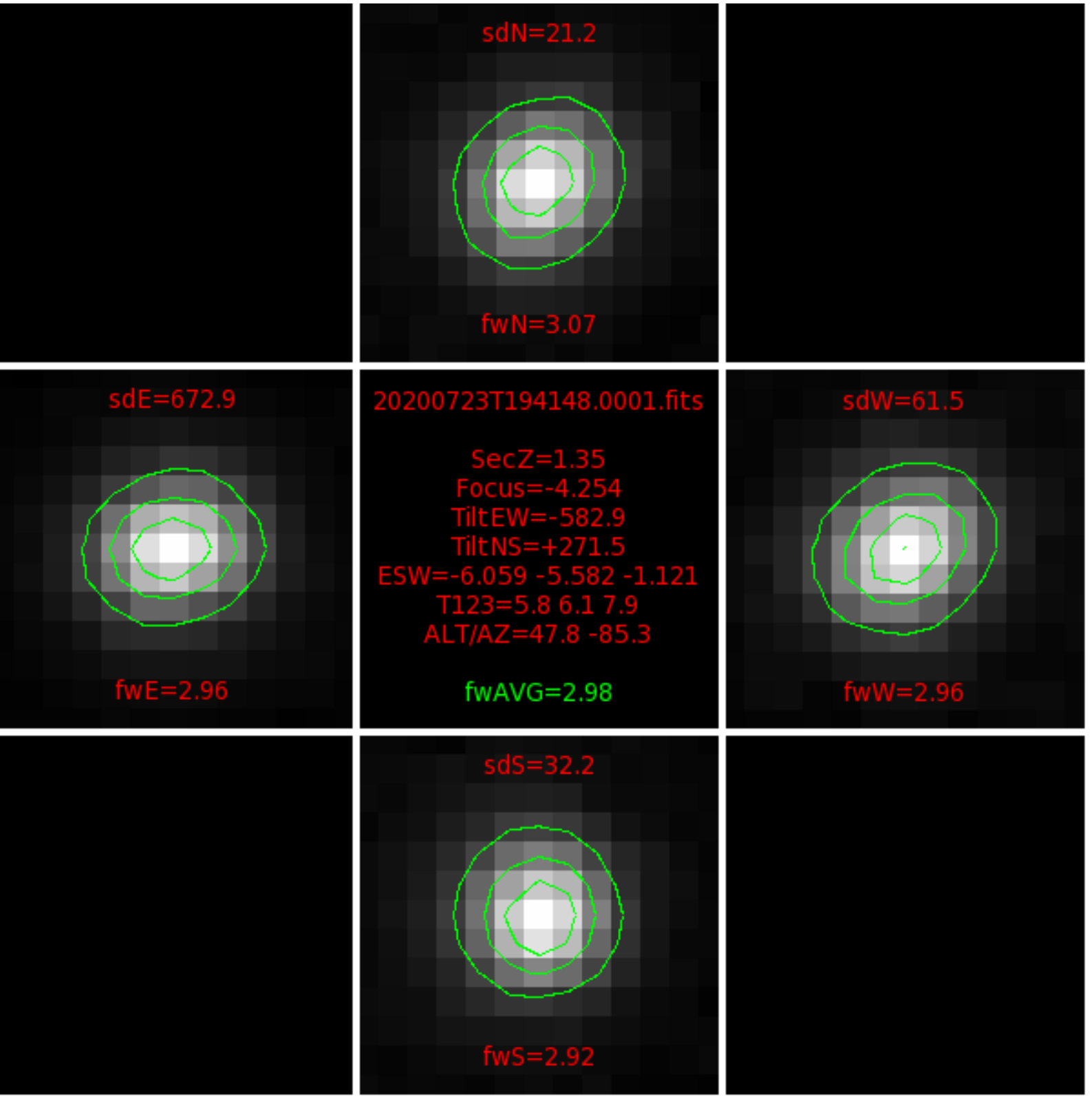
sdN=21.2
fwN=3.07
sdE=672.9
fwE=2.96
20200723T194148.0001.fits
SecZ=1.35
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.1 7.9
ALT/AZ=47.8 -85.3
fwAVG=2.98
sdW=61.5
fwW=2.96
sdS=32.2
fwS=2.92
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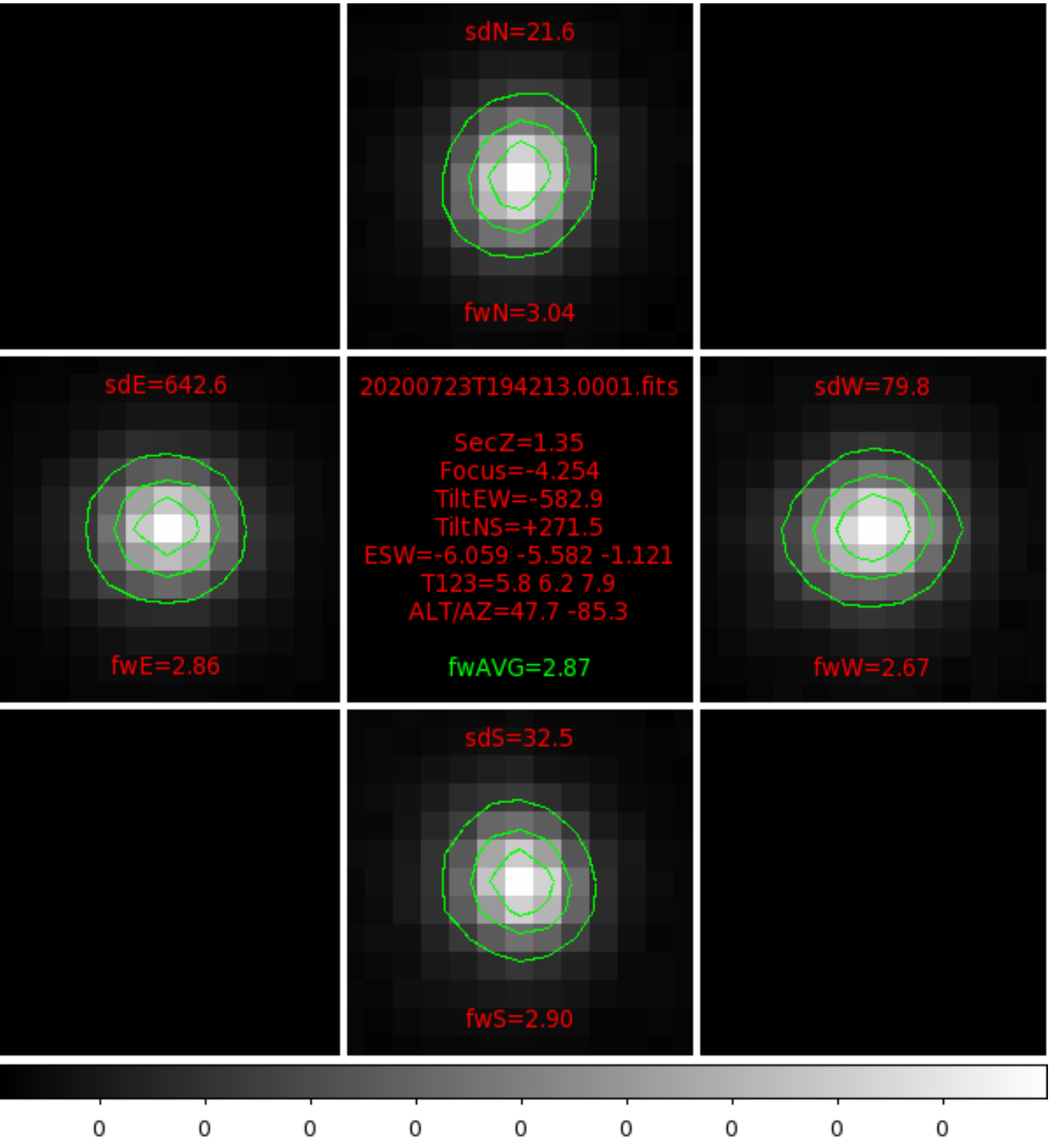
sdN=21.6
fwN=3.04
sdE=642.6
fwE=2.86
20200723T194213.0001.fits
SecZ=1.35
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=47.7 -85.3
fwAVG=2.87
sdW=79.8
fwW=2.67
sdS=32.5
fwS=2.90
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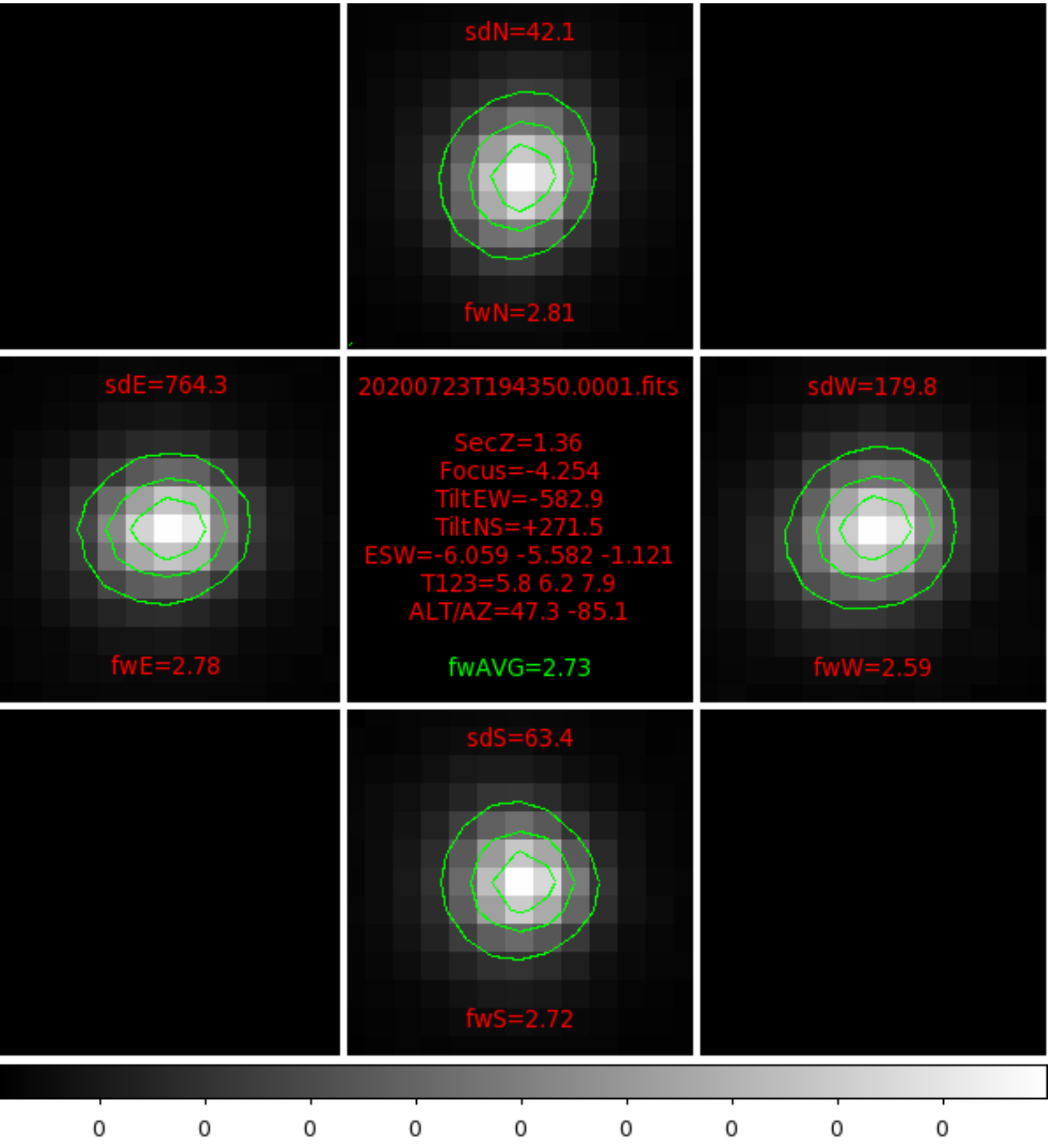
sdN=42.1
fwN=2.81
sdE=764.3
fwE=2.78
20200723T194350.0001.fits
SecZ=1.36
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=47.3 -85.1
fwAVG=2.73
sdW=179.8
fwW=2.59
sdS=63.4
fwS=2.72
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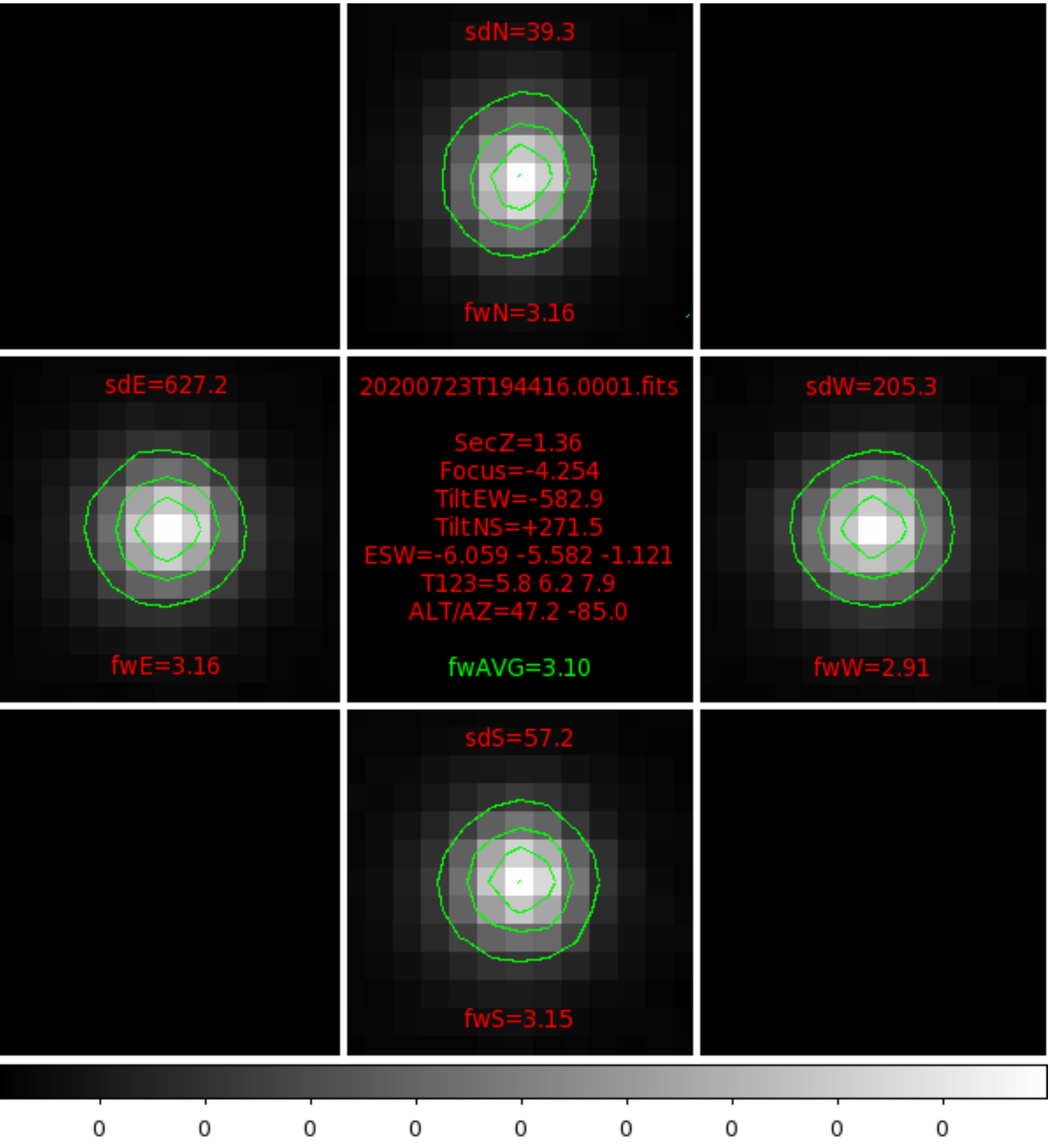
sdN=39.3
fwN=3.16
sdE=627.2
fwE=3.16
20200723T194416.0001.fits
SecZ=1.36
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=47.2 -85.0
fwAVG=3.10
sdW=205.3
fwW=2.91
sdS=57.2
fwS=3.15
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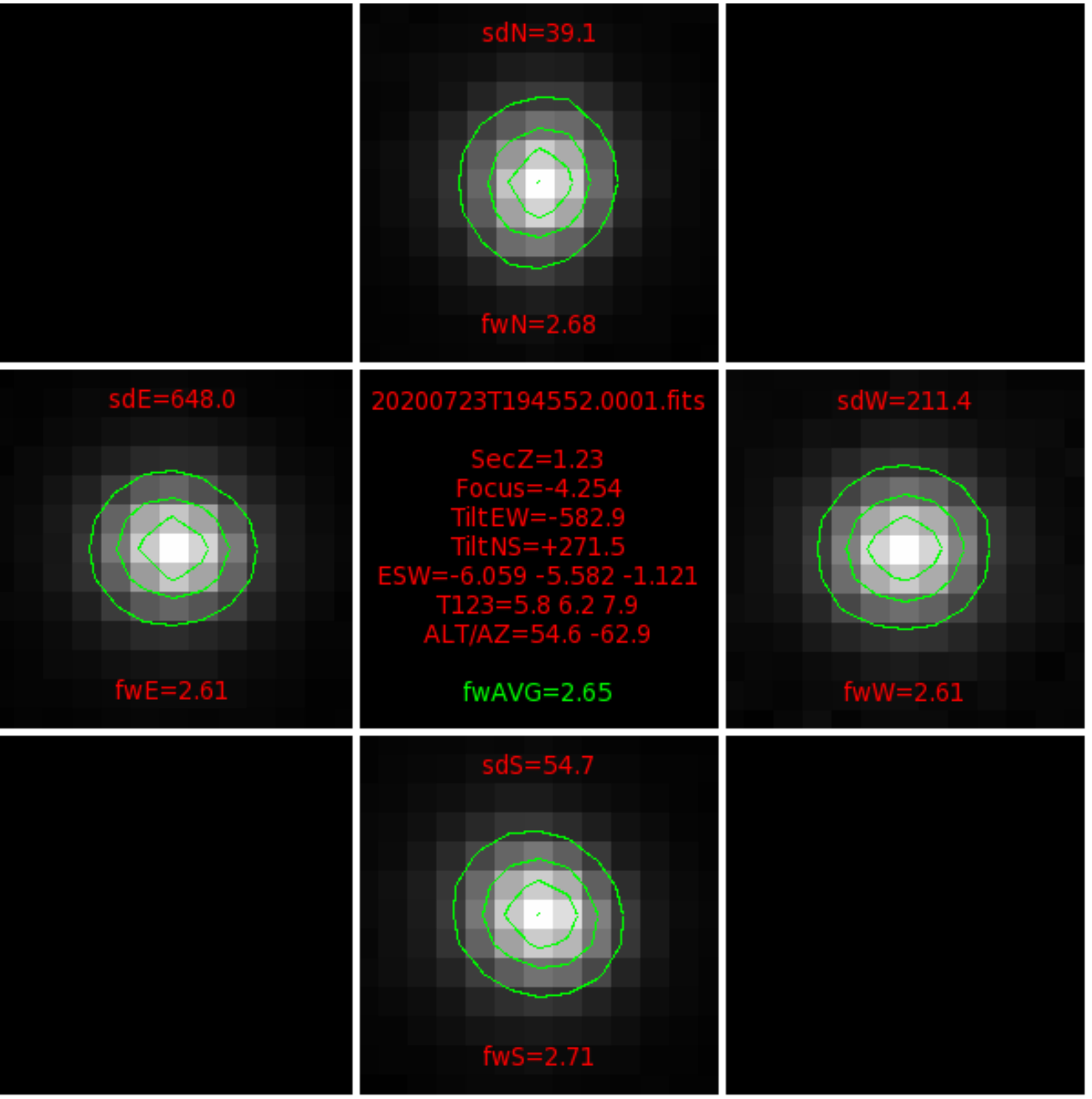
sdN=39.1
fwN=2.68
sdE=648.0
fwE=2.61
20200723T194552.0001.fits
SecZ=1.23
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=54.6 -62.9
fwAVG=2.65
sdW=211.4
fwW=2.61
sdS=54.7
fwS=2.71
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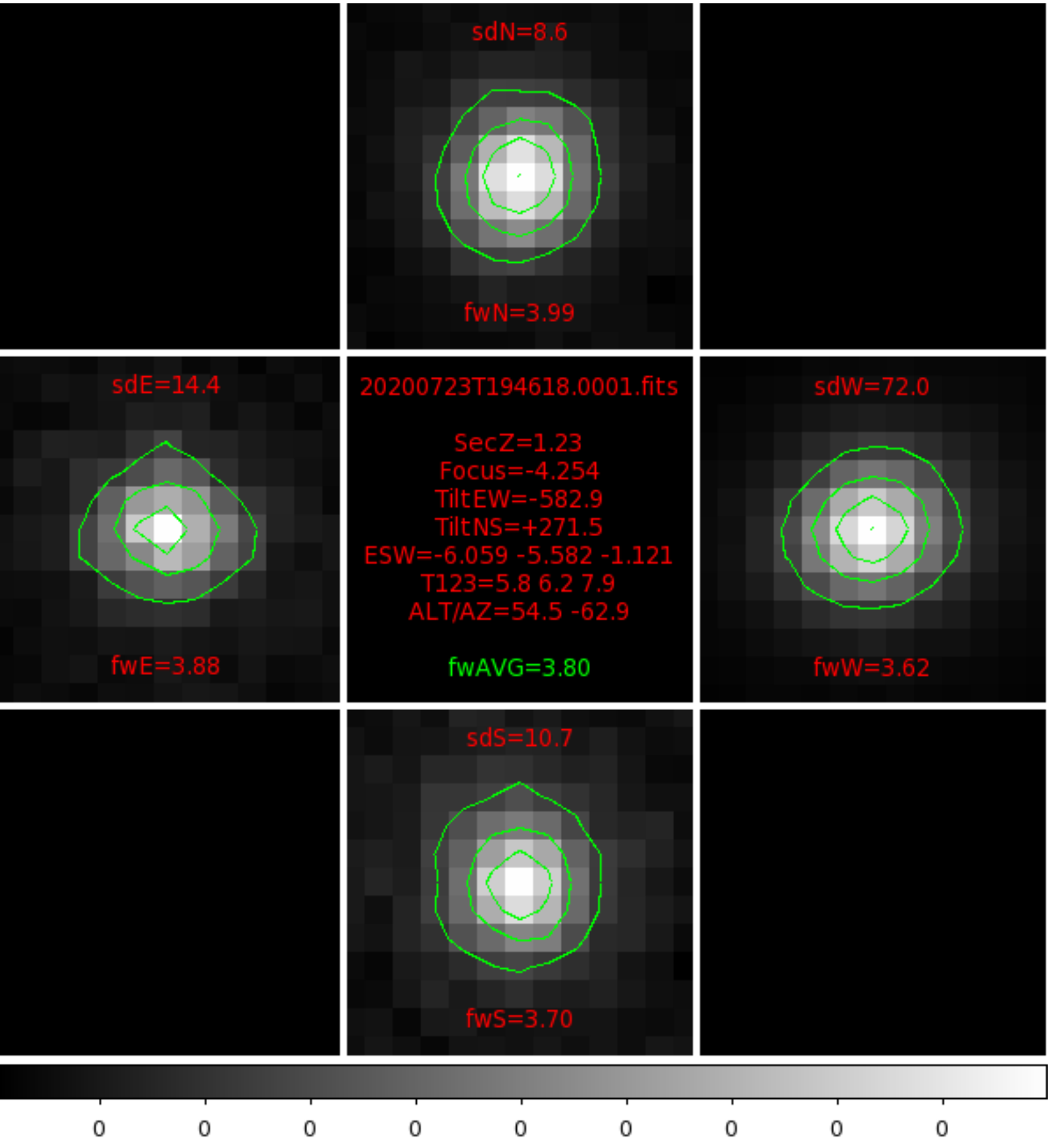
sdN=8.6
fwN=3.99
sdE=14.4
fwE=3.88
20200723T194618.0001.fits
SecZ=1.23
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=54.5 -62.9
fwAVG=3.80
sdW=72.0
fwW=3.62
sdS=10.7
fwS=3.70
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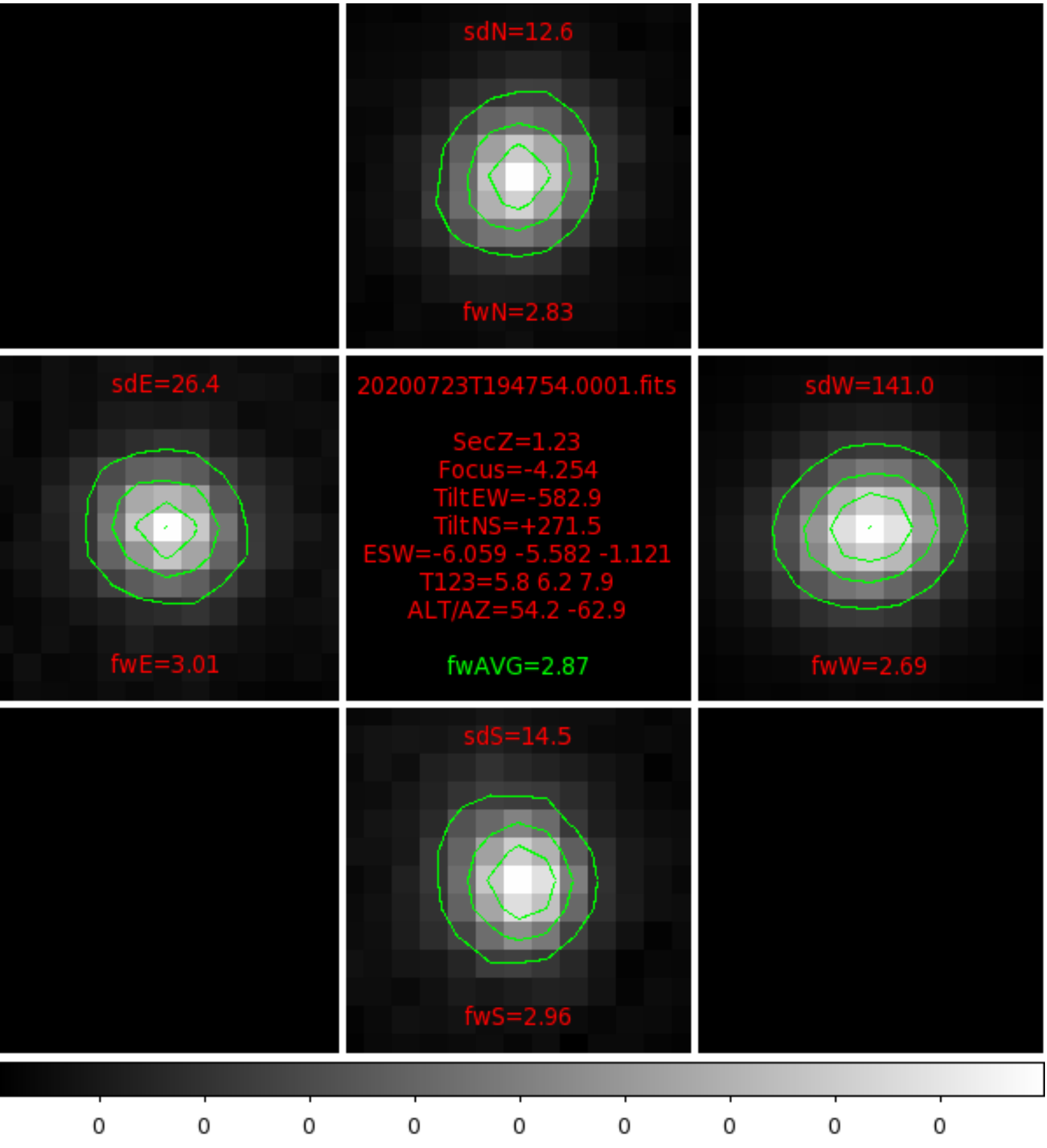
sdN=12.6
fwN=2.83
sdE=26.4
fwE=3.01
20200723T194754.0001.fits
SecZ=1.23
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=54.2 -62.9
fwAVG=2.87
sdW=141.0
fwW=2.69
sdS=14.5
fwS=2.96
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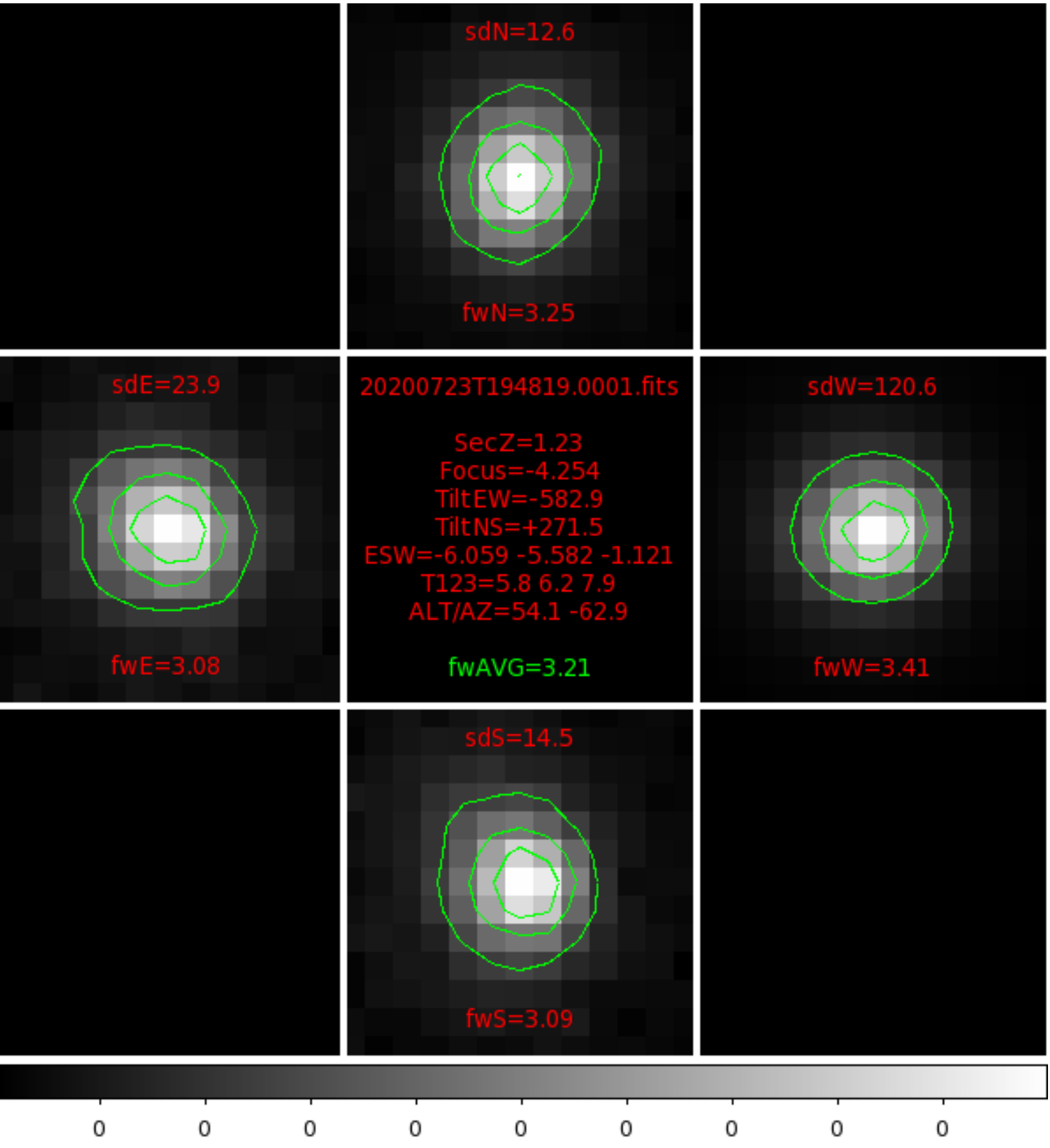
sdN=12.6
fwN=3.25
sdE=23.9
fwE=3.08
20200723T194819.0001.fits
SecZ=1.23
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=54.1 -62.9
fwAVG=3.21
sdW=120.6
fwW=3.41
sdS=14.5
fwS=3.09
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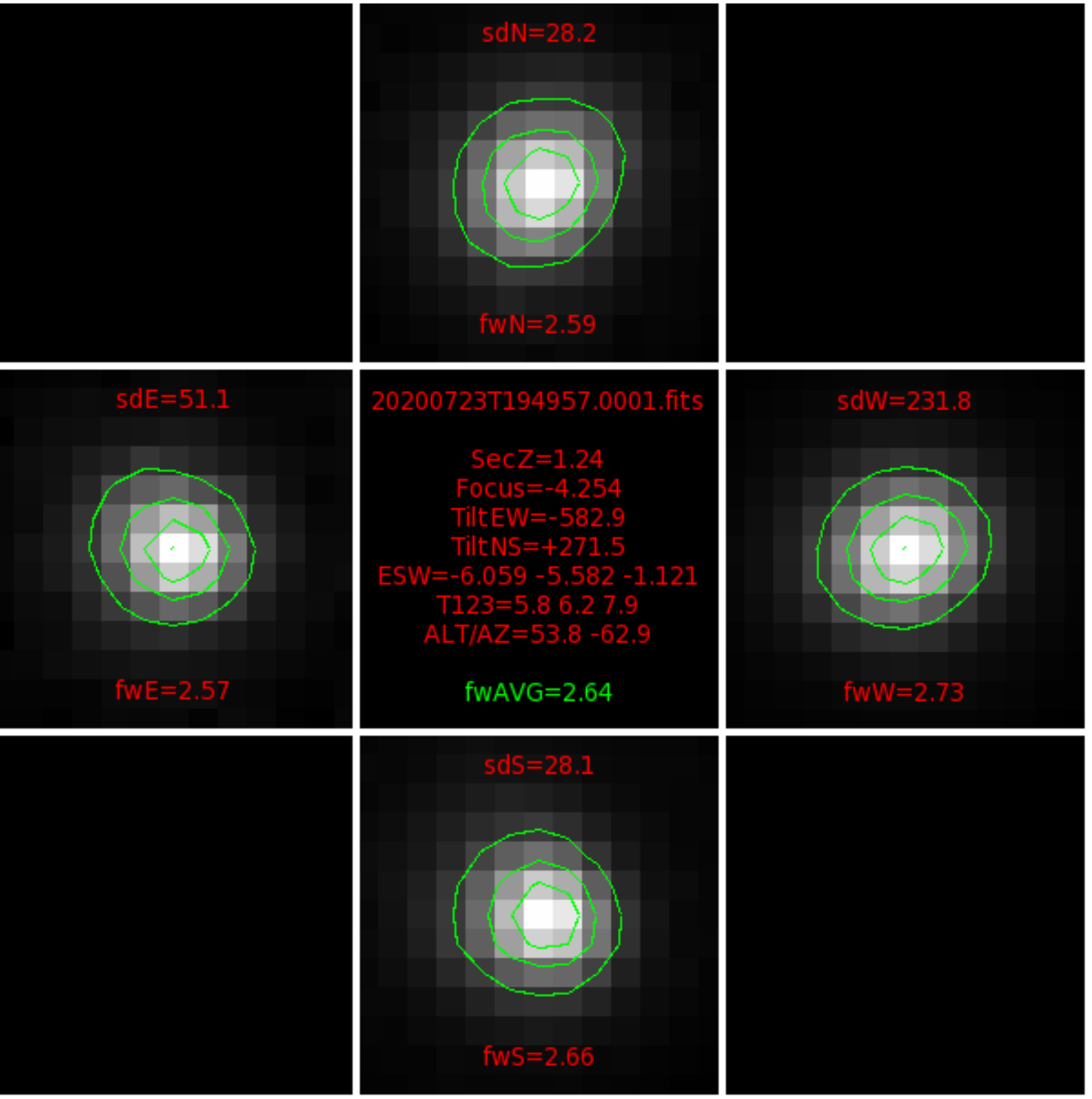
sdN=28.2
fwN=2.59
sdE=51.1
fwE=2.57
20200723T194957.0001.fits
SecZ=1.24
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=53.8 -62.9
fwAVG=2.64
sdW=231.8
fwW=2.73
sdS=28.1
fwS=2.66
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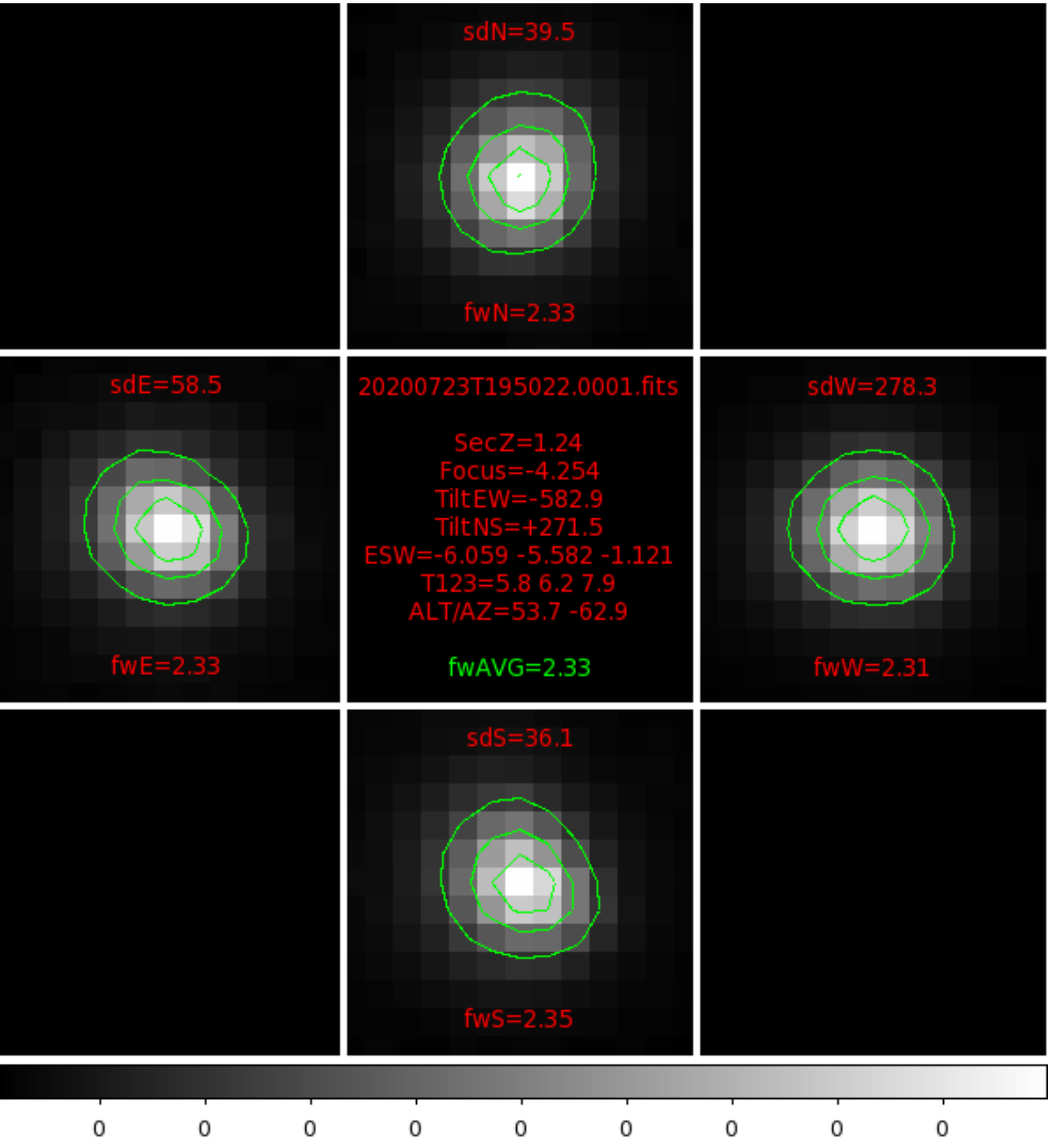
sdN=39.5
fwN=2.33
sdE=58.5
fwE=2.33
20200723T195022.0001.fits
SecZ=1.24
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=53.7 -62.9
fwAVG=2.33
sdW=278.3
fwW=2.31
sdS=36.1
fwS=2.35
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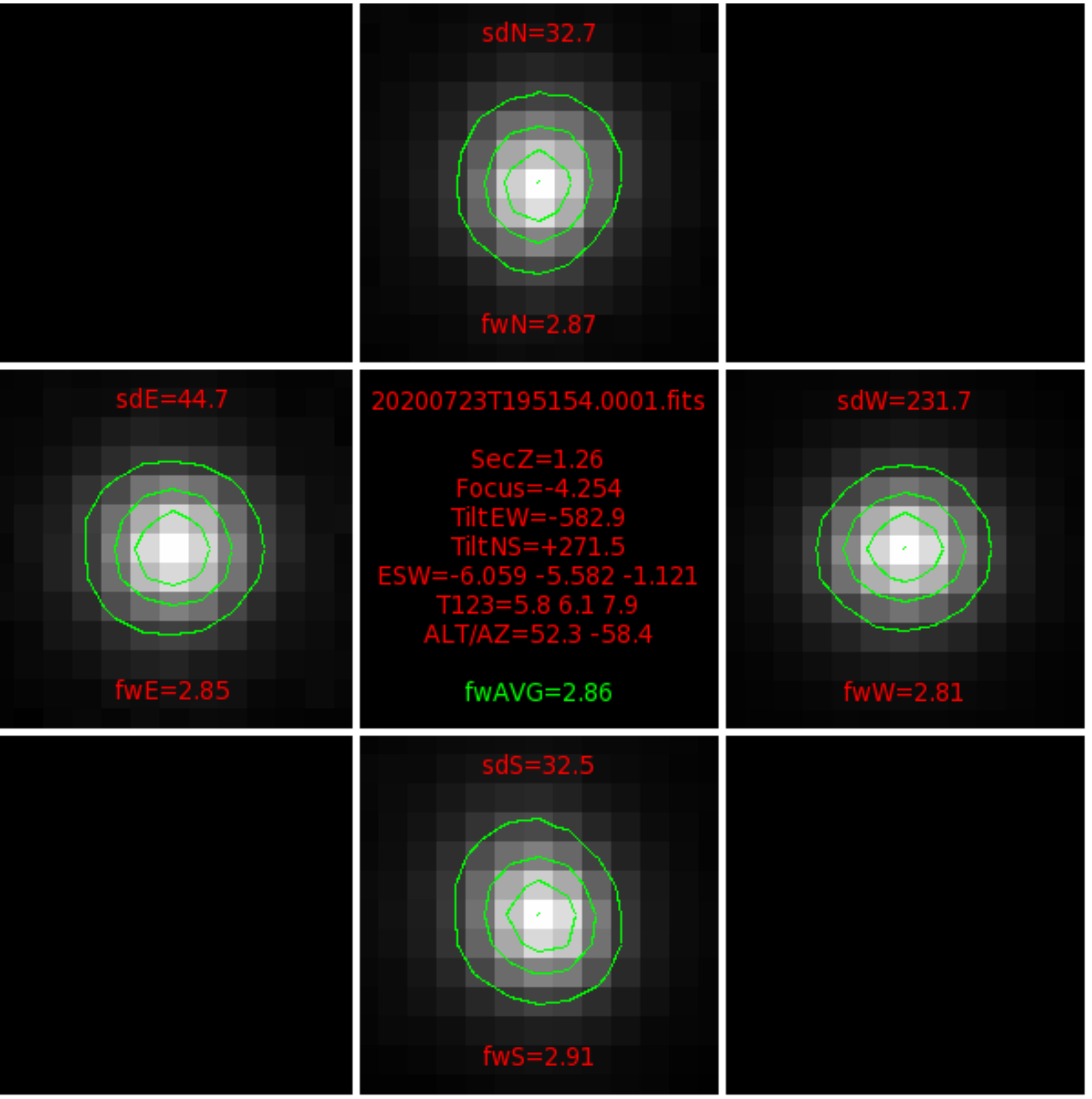
sdN=32.7
fwN=2.87
sdE=44.7
fwE=2.85
20200723T195154.0001.fits
SecZ=1.26
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.1 7.9
ALT/AZ=52.3 -58.4
fwAVG=2.86
sdW=231.7
fwW=2.81
sdS=32.5
fwS=2.91
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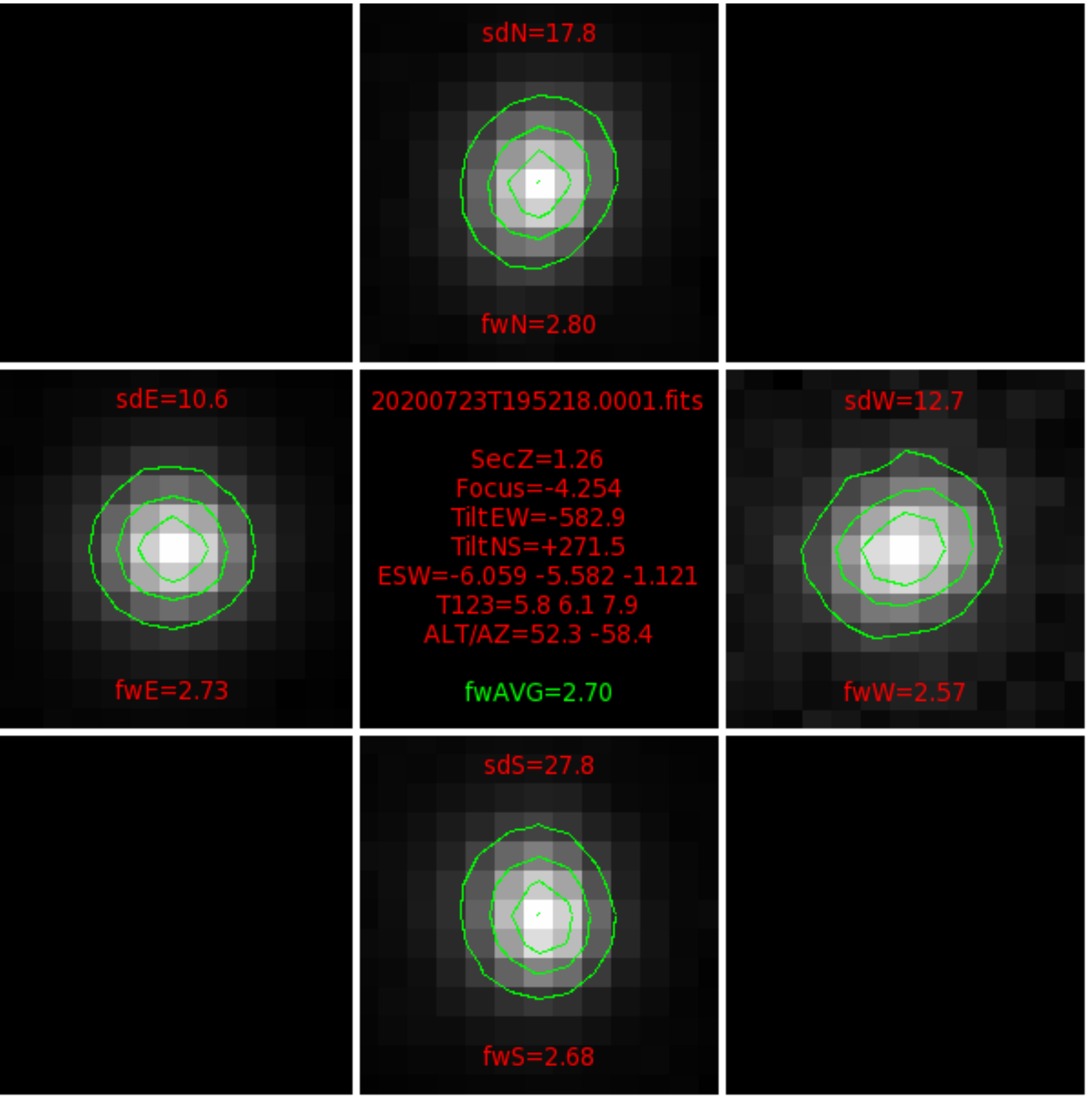
sdN=17.8
fwN=2.80
sdE=10.6
fwE=2.73
20200723T195218.0001.fits
SecZ=1.26
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.1 7.9
ALT/AZ=52.3 -58.4
fwAVG=2.70
sdW=12.7
fwW=2.57
sdS=27.8
fwS=2.68
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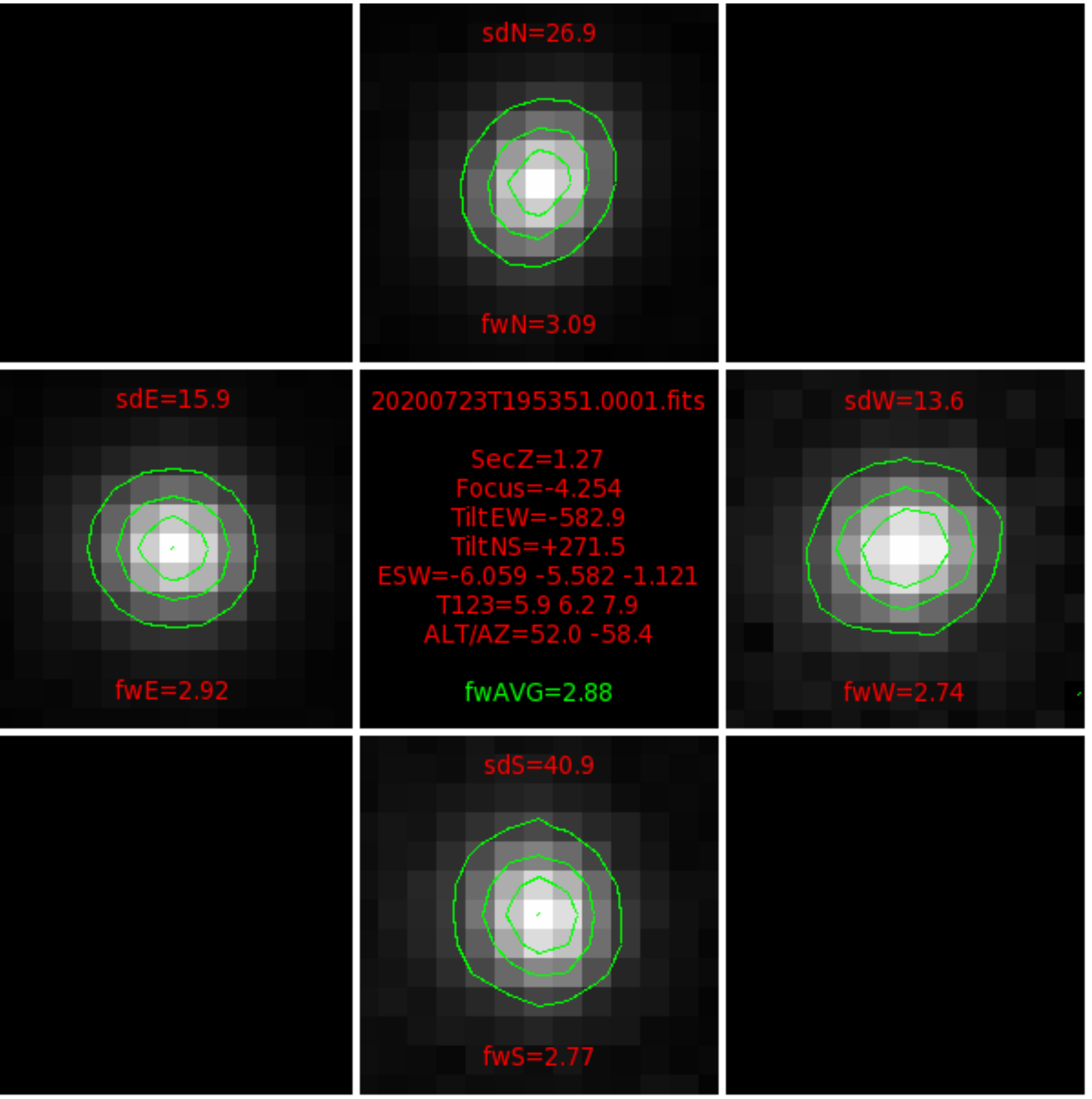
sdN=26.9
fwN=3.09
sdE=15.9
fwE=2.92
20200723T195351.0001.fits
SecZ=1.27
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.9 6.2 7.9
ALT/AZ=52.0 -58.4
fwAVG=2.88
sdW=13.6
fwW=2.74
sdS=40.9
fwS=2.77
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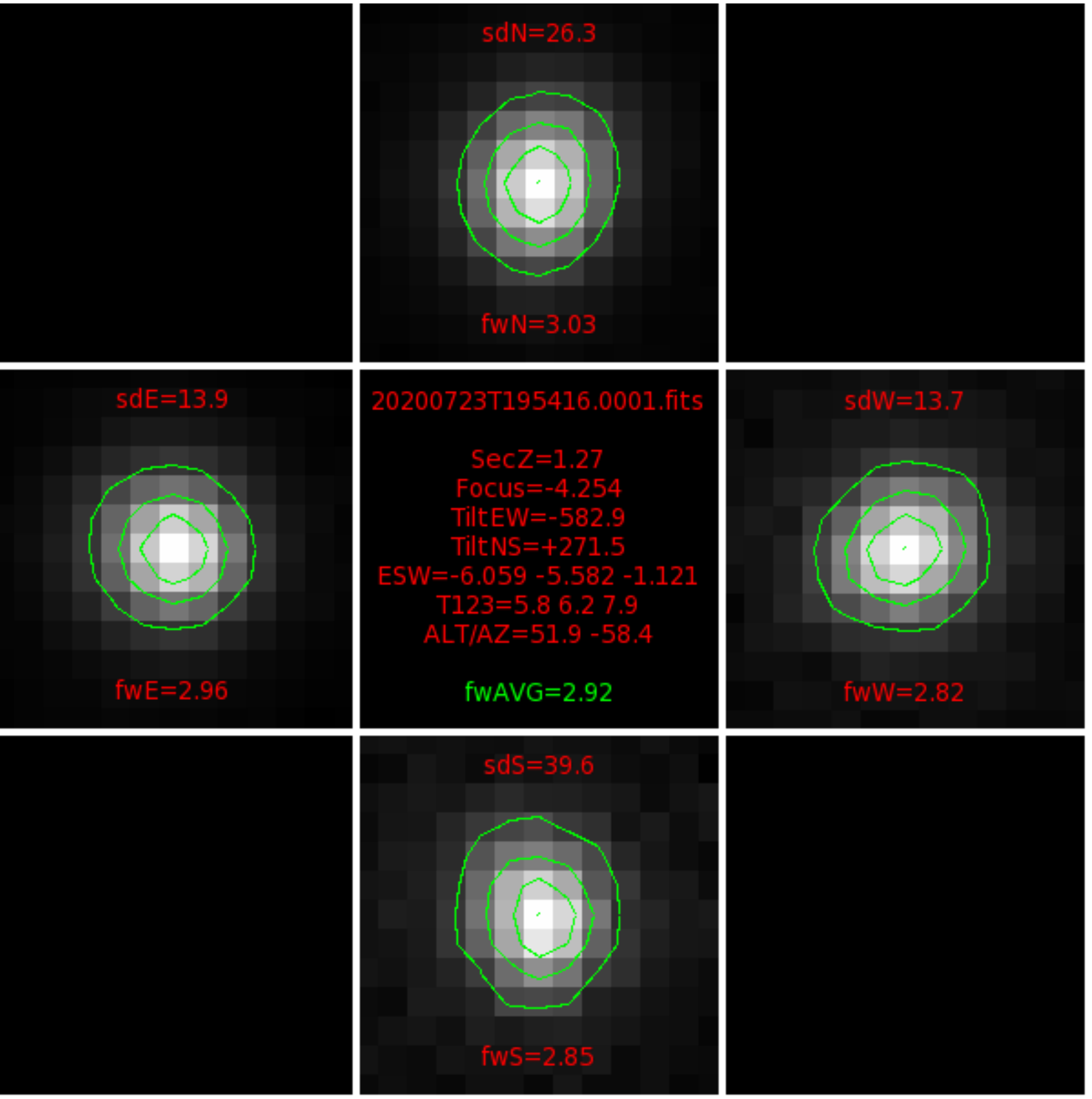
sdN=26.3
fwN=3.03
sdE=13.9
fwE=2.96
20200723T195416.0001.fits
SecZ=1.27
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=51.9 -58.4
fwAVG=2.92
sdW=13.7
fwW=2.82
sdS=39.6
fwS=2.85
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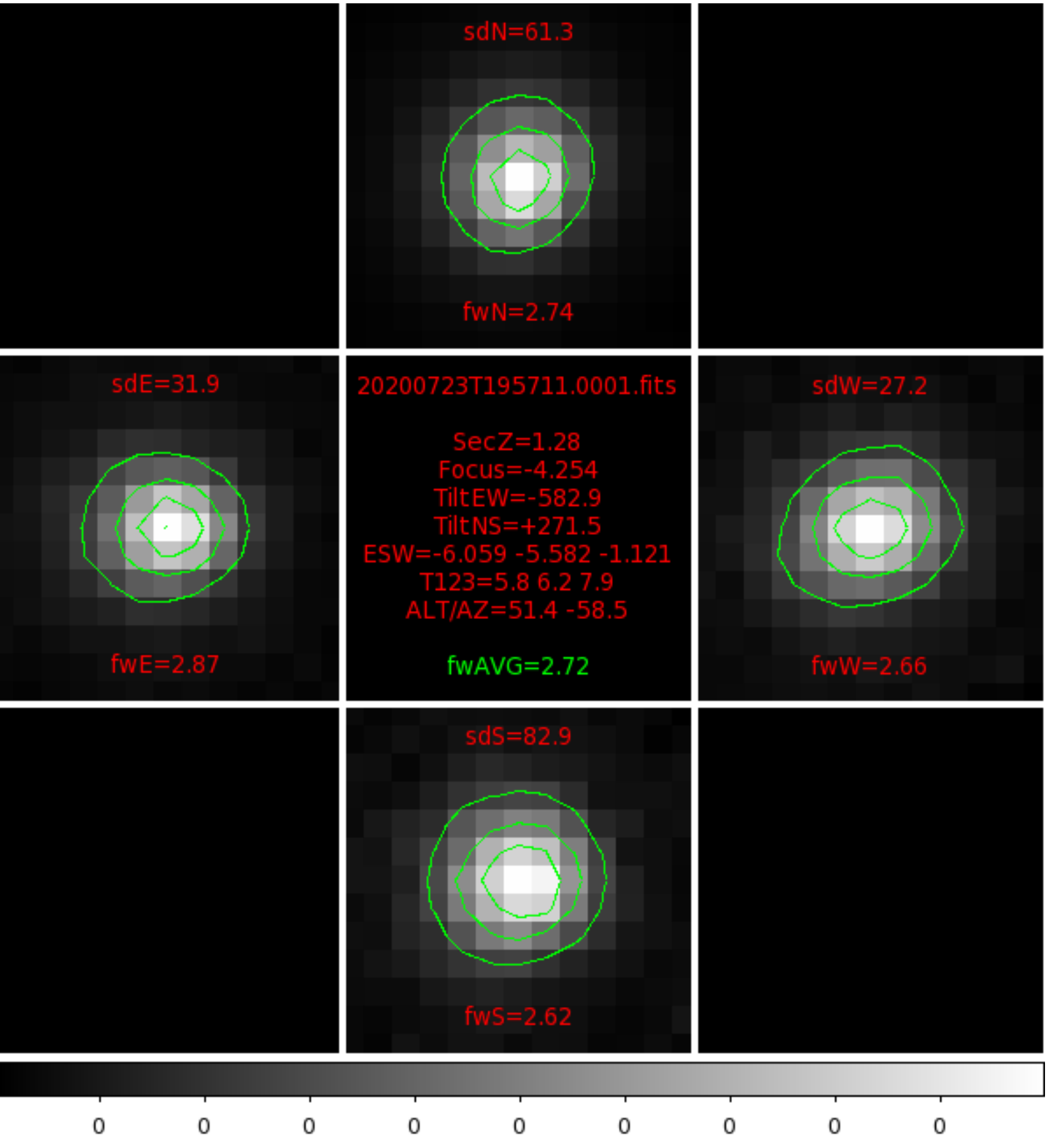
sdN=61.3
fwN=2.74
sdE=31.9
fwE=2.87
20200723T195711.0001.fits
SecZ=1.28
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.2 7.9
ALT/AZ=51.4 -58.5
fwAVG=2.72
sdW=27.2
fwW=2.66
sdS=82.9
fwS=2.62
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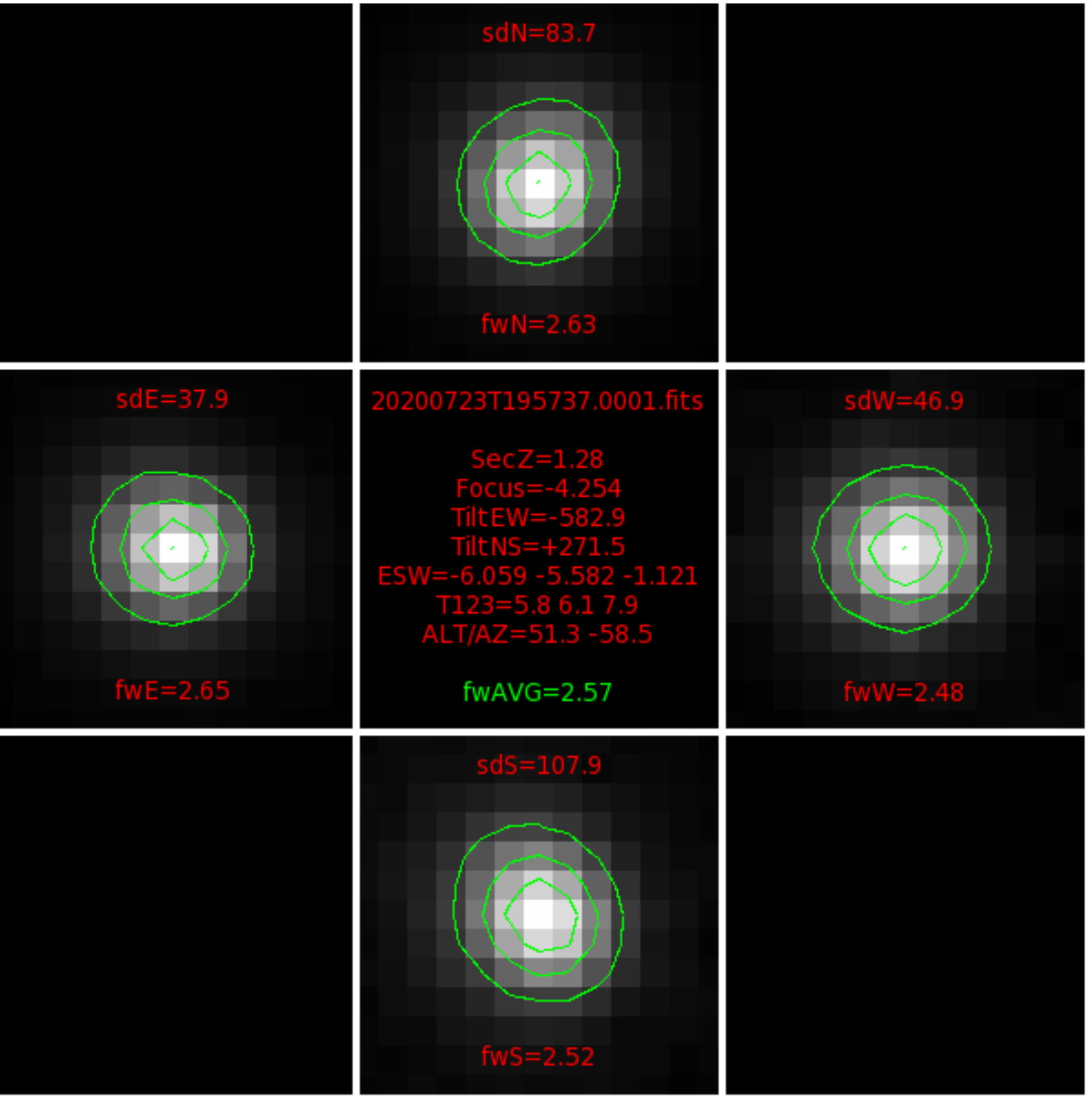
sdN=83.7
fwN=2.63
sdE=37.9
fwE=2.65
20200723T195737.0001.fits
SecZ=1.28
Focus=-4.254
TiltEW=-582.9
TiltNS=+271.5
ESW=-6.059 -5.582 -1.121
T123=5.8 6.1 7.9
ALT/AZ=51.3 -58.5
fwAVG=2.57
sdW=46.9
fwW=2.48
sdS=107.9
fwS=2.52
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