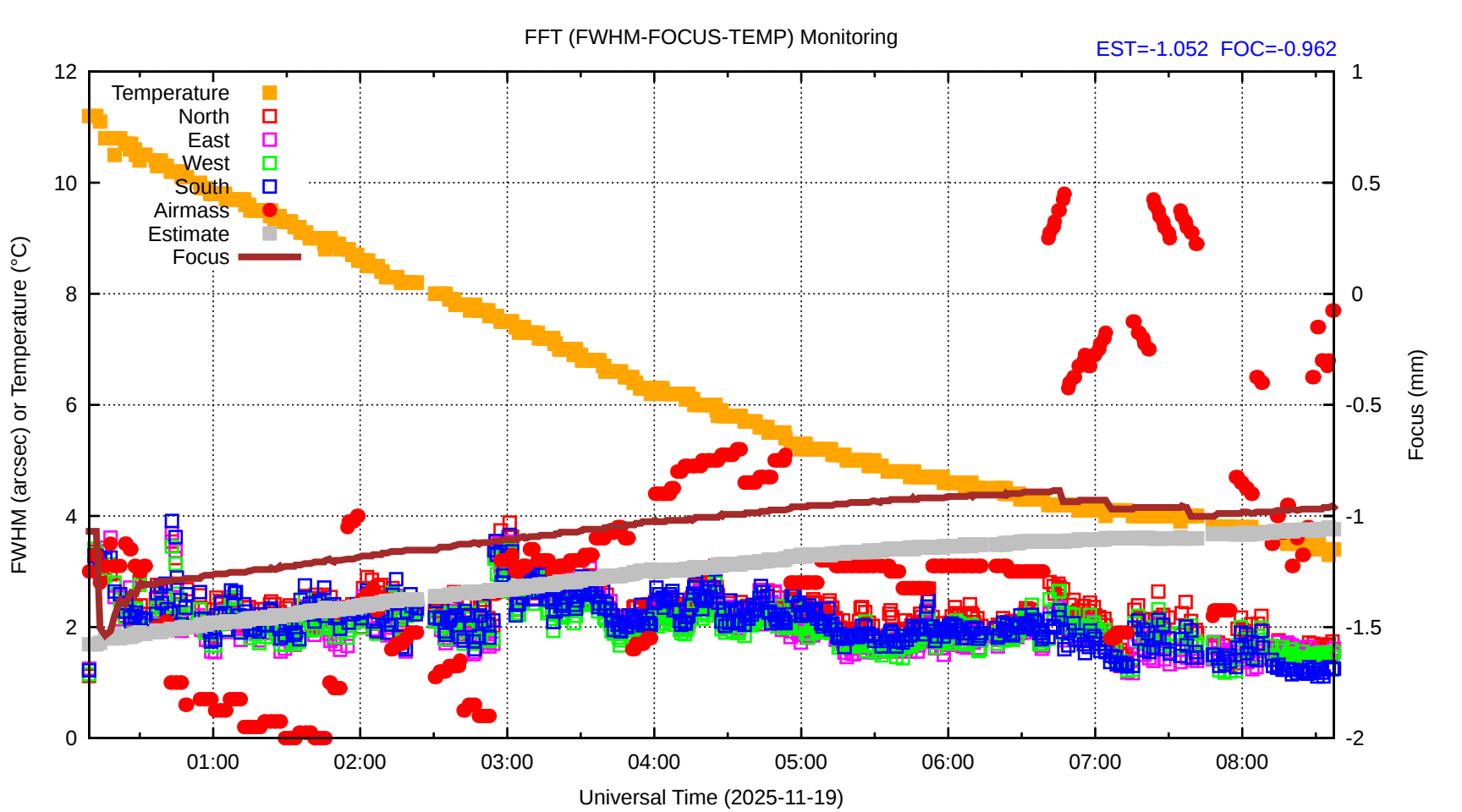
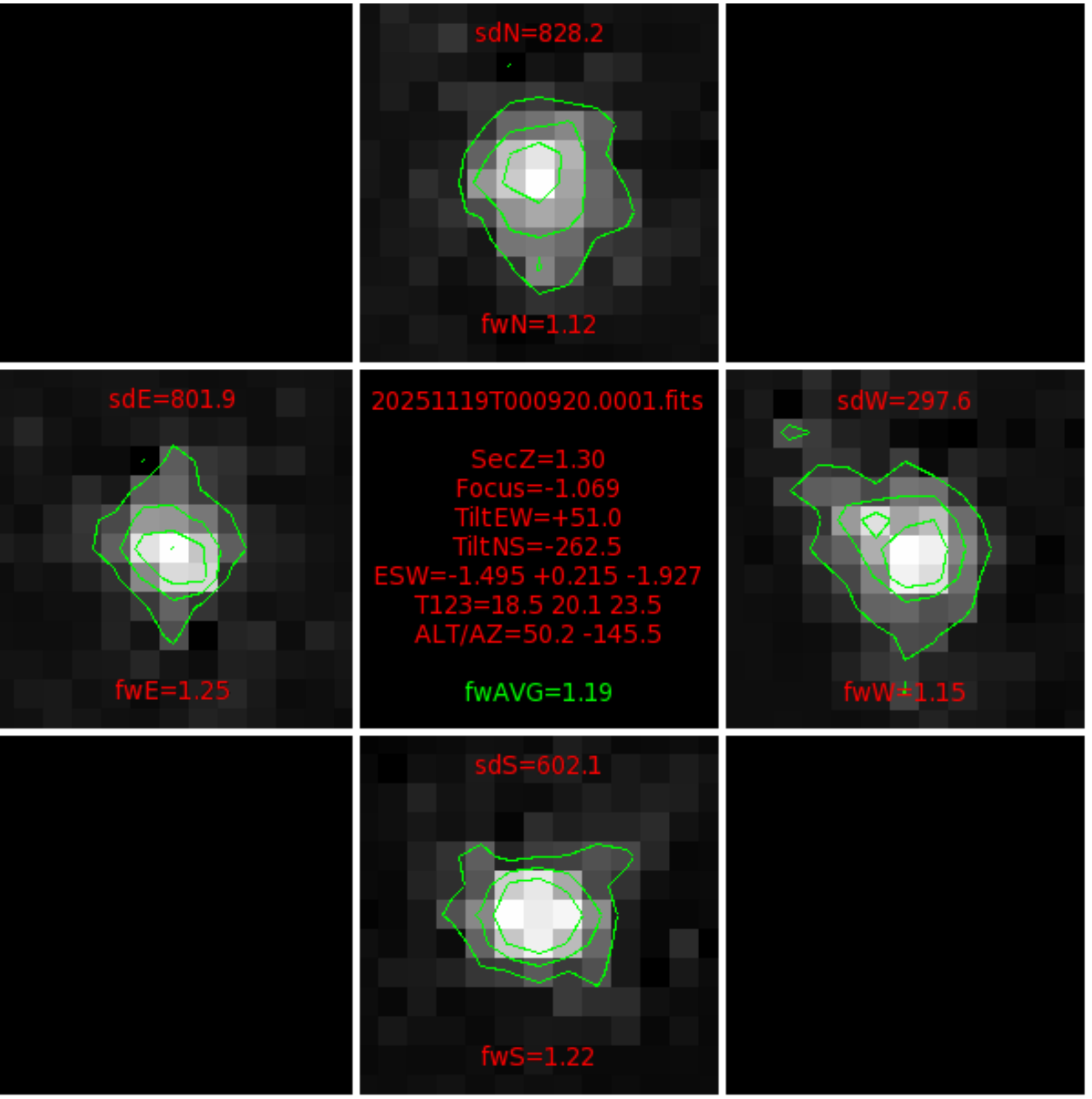

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-1.052 FOC=-0.962
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2025-11-19)
0
2
4
6
8
10
12
-2
-1.5
-1
-0.5
0
0.5
1
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00


sdN=828.2
fwN=1.12
sdE=801.9
fwE=1.25
20251119T000920.0001.fits
SecZ=1.30
Focus=-1.069
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.495 +0.215 -1.927
T123=18.5 20.1 23.5
ALT/AZ=50.2 -145.5
fwAVG=1.19
sdW=297.6
fwW=1.15
sdS=602.1
fwS=1.22
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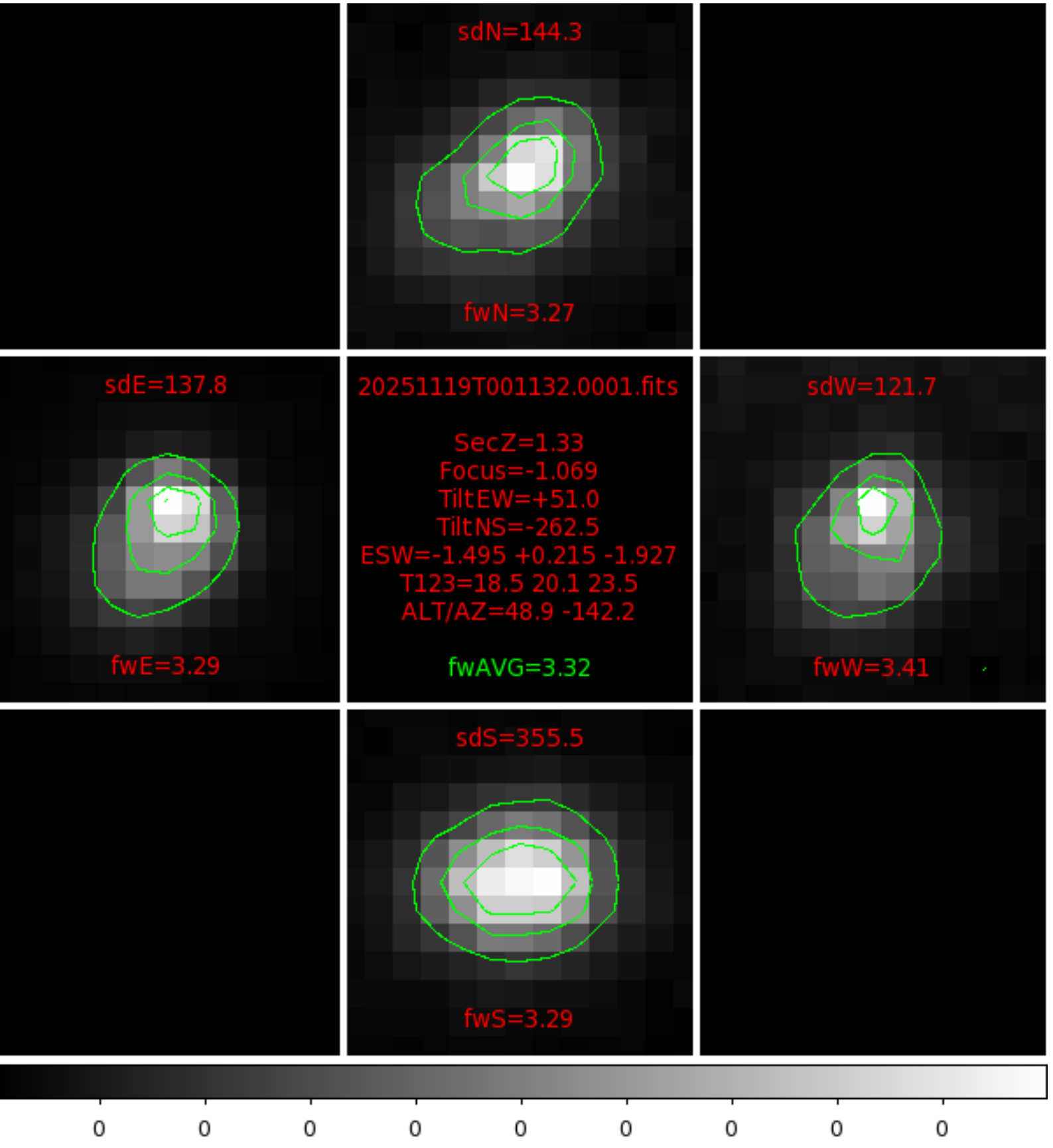
sdN=144.3
fwN=3.27
sdE=137.8
fwE=3.29
20251119T001132.0001.fits
SecZ=1.33
Focus=-1.069
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.495 +0.215 -1.927
T123=18.5 20.1 23.5
ALT/AZ=48.9 -142.2
fwAVG=3.32
sdW=121.7
fwW=3.41
sdS=355.5
fwS=3.29
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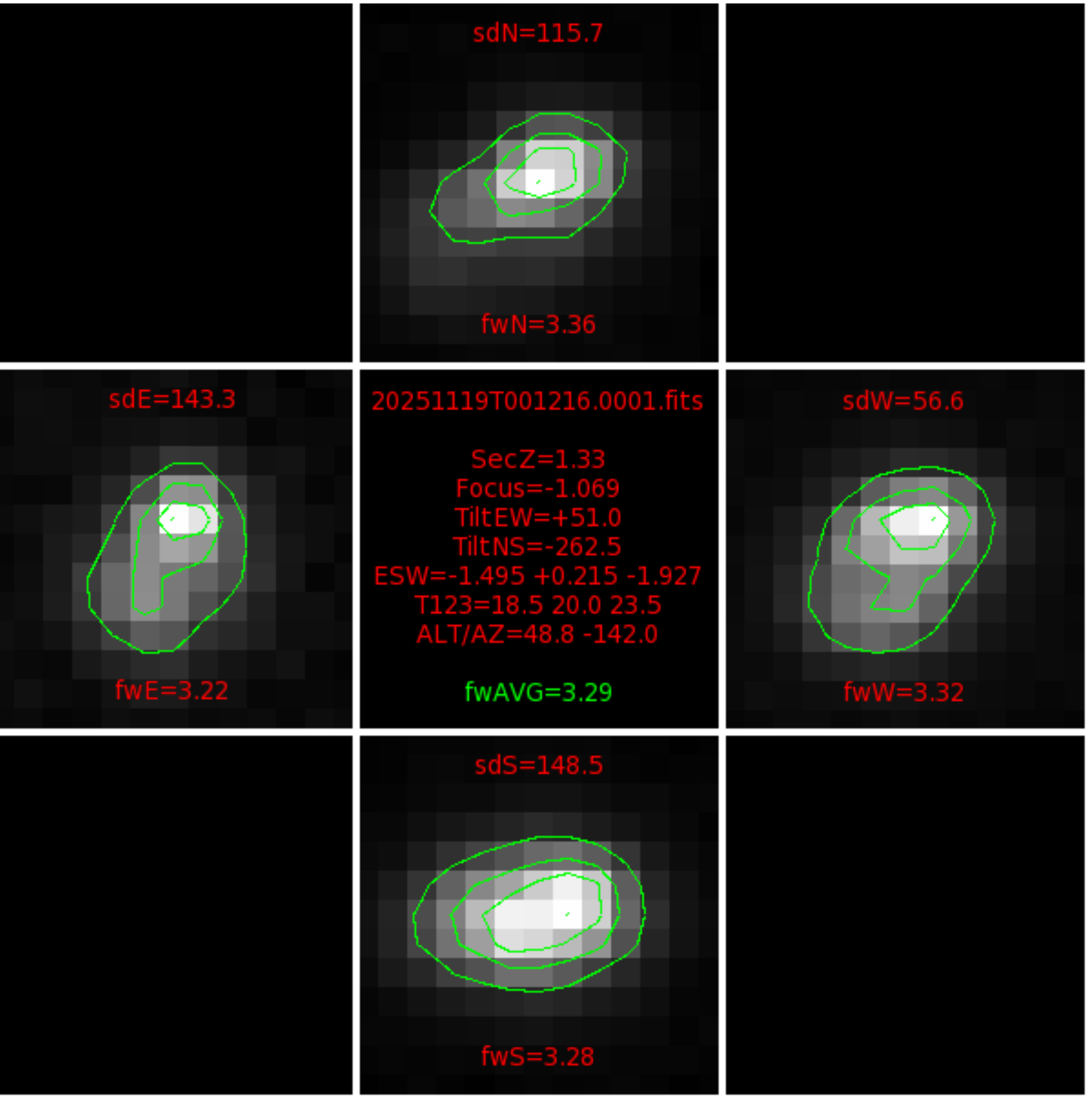
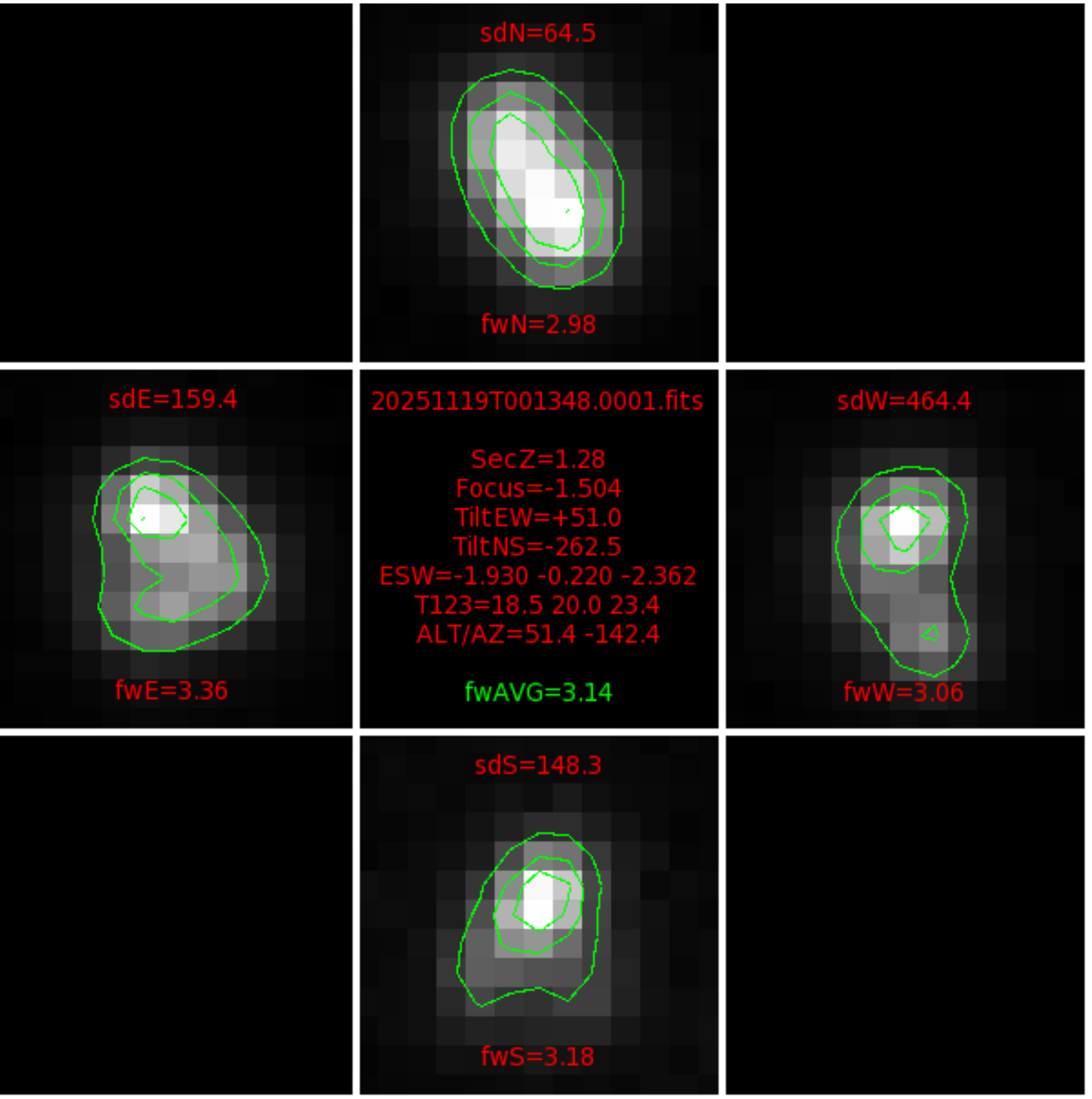
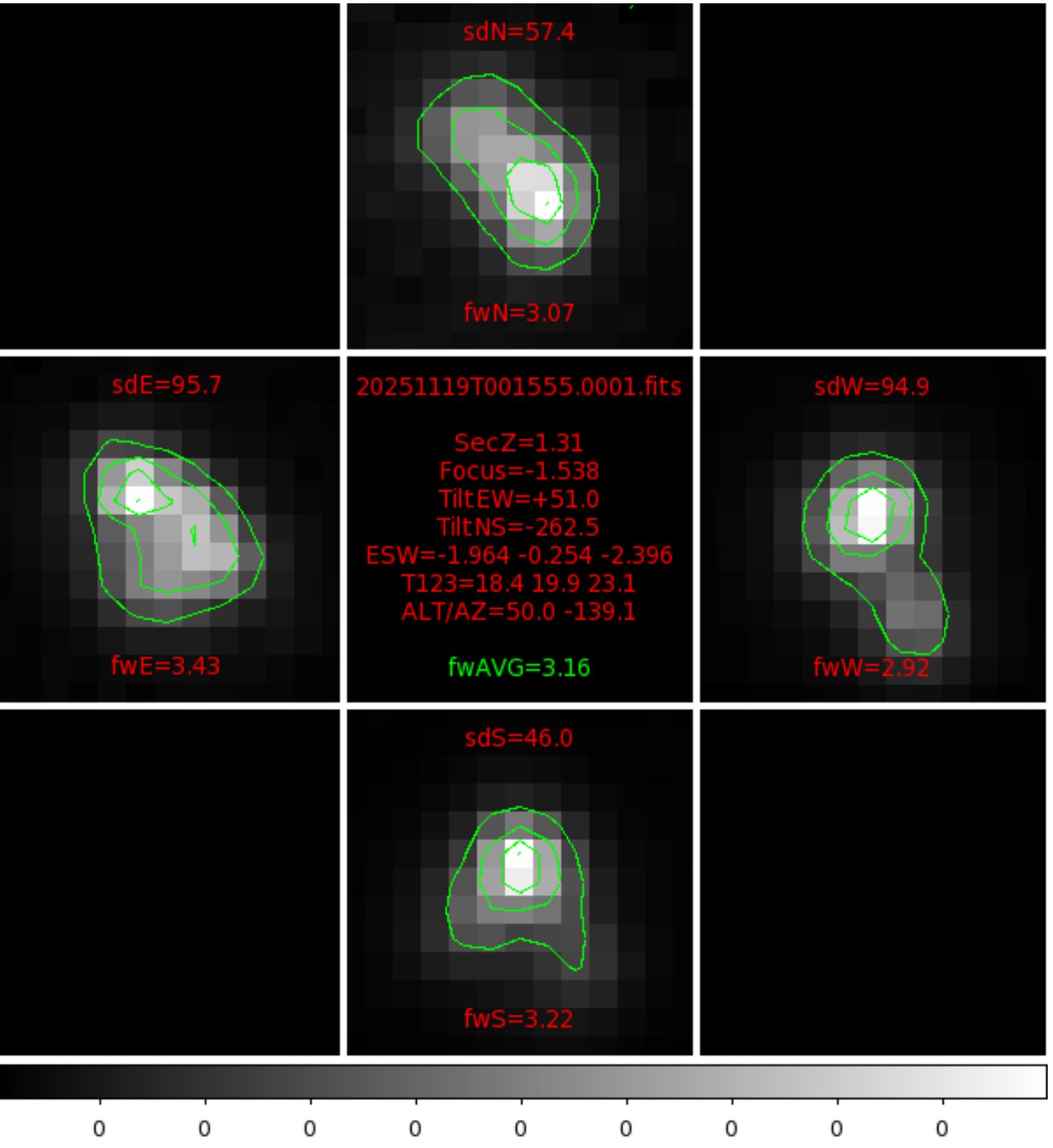

sdN=115.7
fwN=3.36
sdE=143.3
fwE=3.22
20251119T001216.0001.fits
SecZ=1.33
Focus=-1.069
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.495 +0.215 -1.927
T123=18.5 20.0 23.5
ALT/AZ=48.8 -142.0
fwAVG=3.29
sdW=56.6
fwW=3.32
sdS=148.5
fwS=3.28
0 0 0 0 0 0 0 0 0


sdN=64.5
fwN=2.98
sdE=159.4
fwE=3.36
20251119T001348.0001.fits
SecZ=1.28
Focus=-1.504
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.930 -0.220 -2.362
T123=18.5 20.0 23.4
ALT/AZ=51.4 -142.4
fwAVG=3.14
sdW=464.4
fwW=3.06
sdS=148.3
fwS=3.18
0 0 0 0 0 0 0 0 0


sdN=57.4
fwN=3.07
sdE=95.7
fwE=3.43
20251119T001555.0001.fits
SecZ=1.31
Focus=-1.538
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.964 -0.254 -2.396
T123=18.4 19.9 23.1
ALT/AZ=50.0 -139.1
fwAVG=3.16
sdW=94.9
fwW=2.92
sdS=46.0
fwS=3.22
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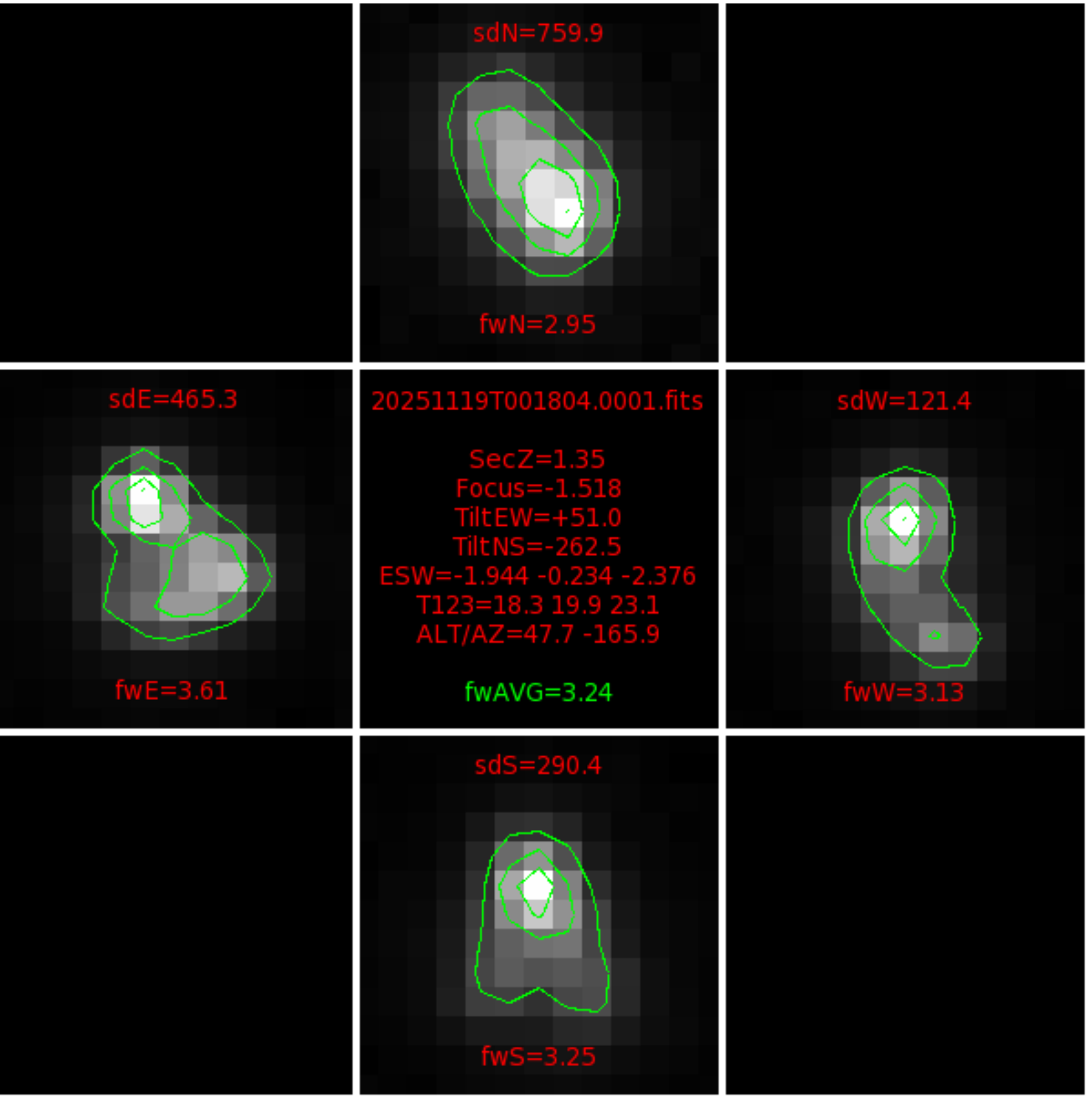
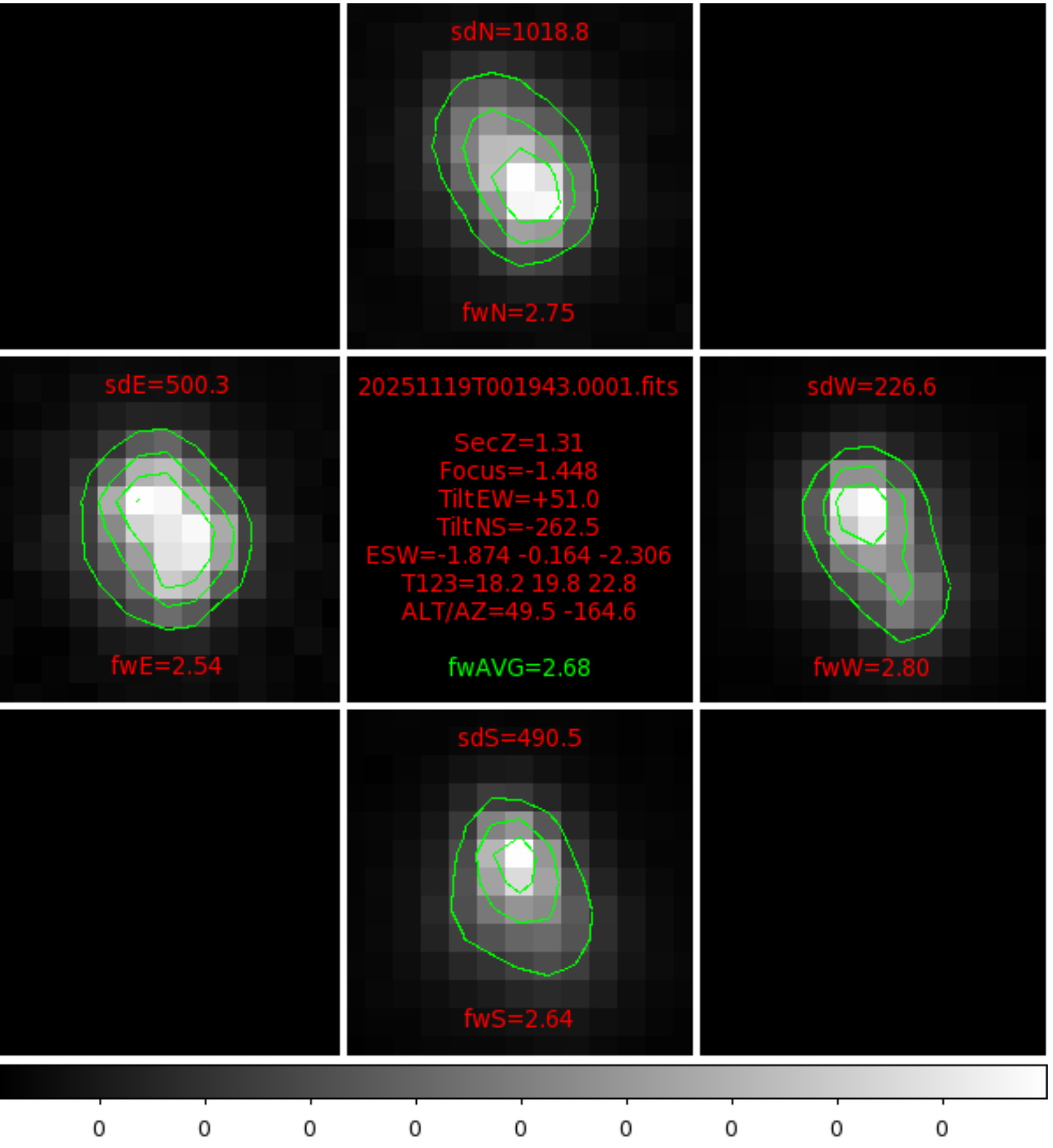

sdN=759.9
fwN=2.95
sdE=465.3
fwE=3.61
20251119T001804.0001.fits
SecZ=1.35
Focus=-1.518
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.944 -0.234 -2.376
T123=18.3 19.9 23.1
ALT/AZ=47.7 -165.9
fwAVG=3.24
sdW=121.4
fwW=3.13
sdS=290.4
fwS=3.25
0 0 0 0 0 0 0 0 0


sdN=1018.8
fwN=2.75
sdE=500.3
fwE=2.54
20251119T001943.0001.fits
SecZ=1.31
Focus=-1.448
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.874 -0.164 -2.306
T123=18.2 19.8 22.8
ALT/AZ=49.5 -164.6
fwAVG=2.68
sdW=226.6
fwW=2.80
sdS=490.5
fwS=2.64
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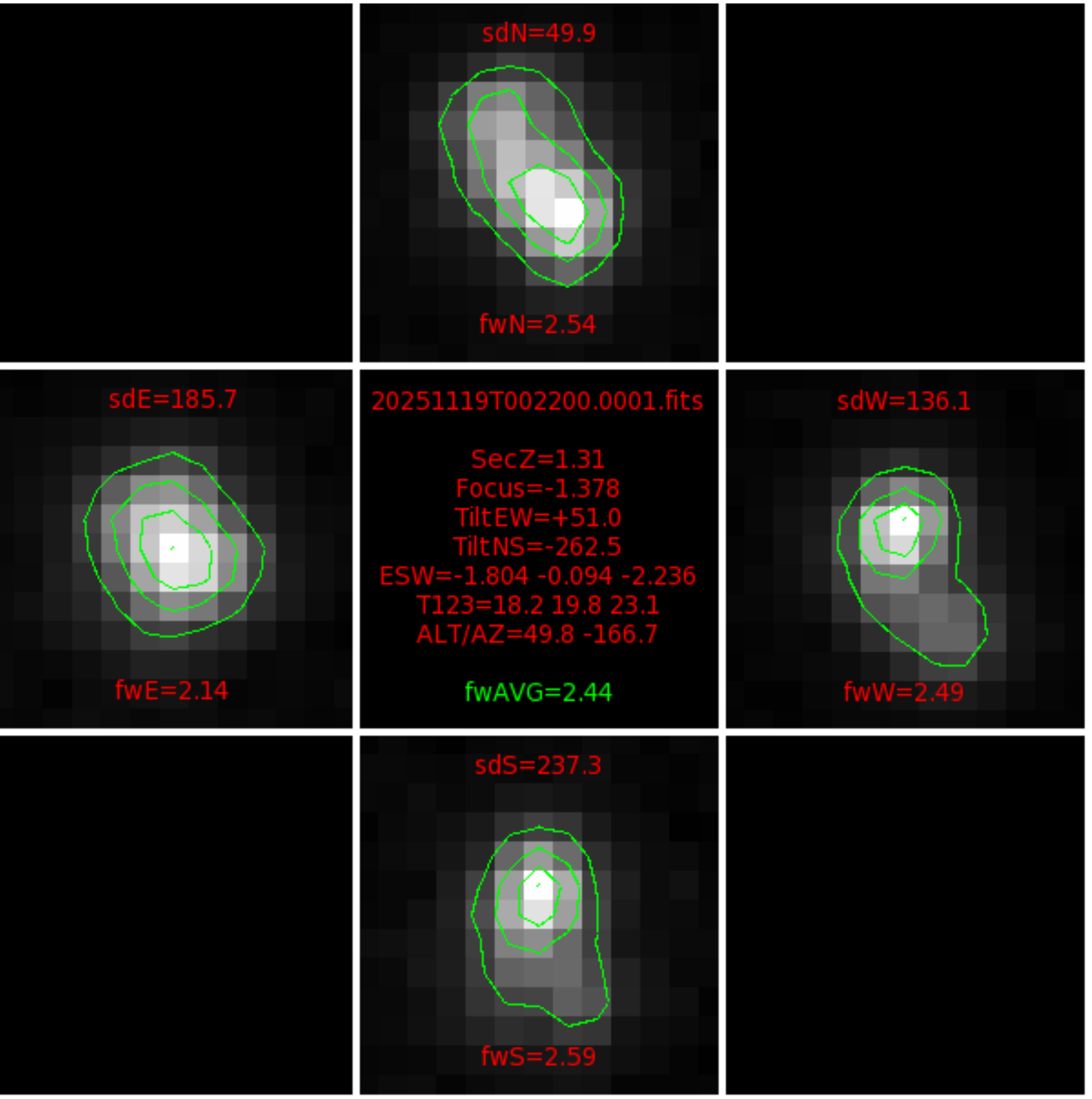
sdN=49.9
fwN=2.54
sdE=185.7
fwE=2.14
20251119T002200.0001.fits
SecZ=1.31
Focus=-1.378
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.804 -0.094 -2.236
T123=18.2 19.8 23.1
ALT/AZ=49.8 -166.7
fwAVG=2.44
sdW=136.1
fwW=2.49
sdS=237.3
fwS=2.59
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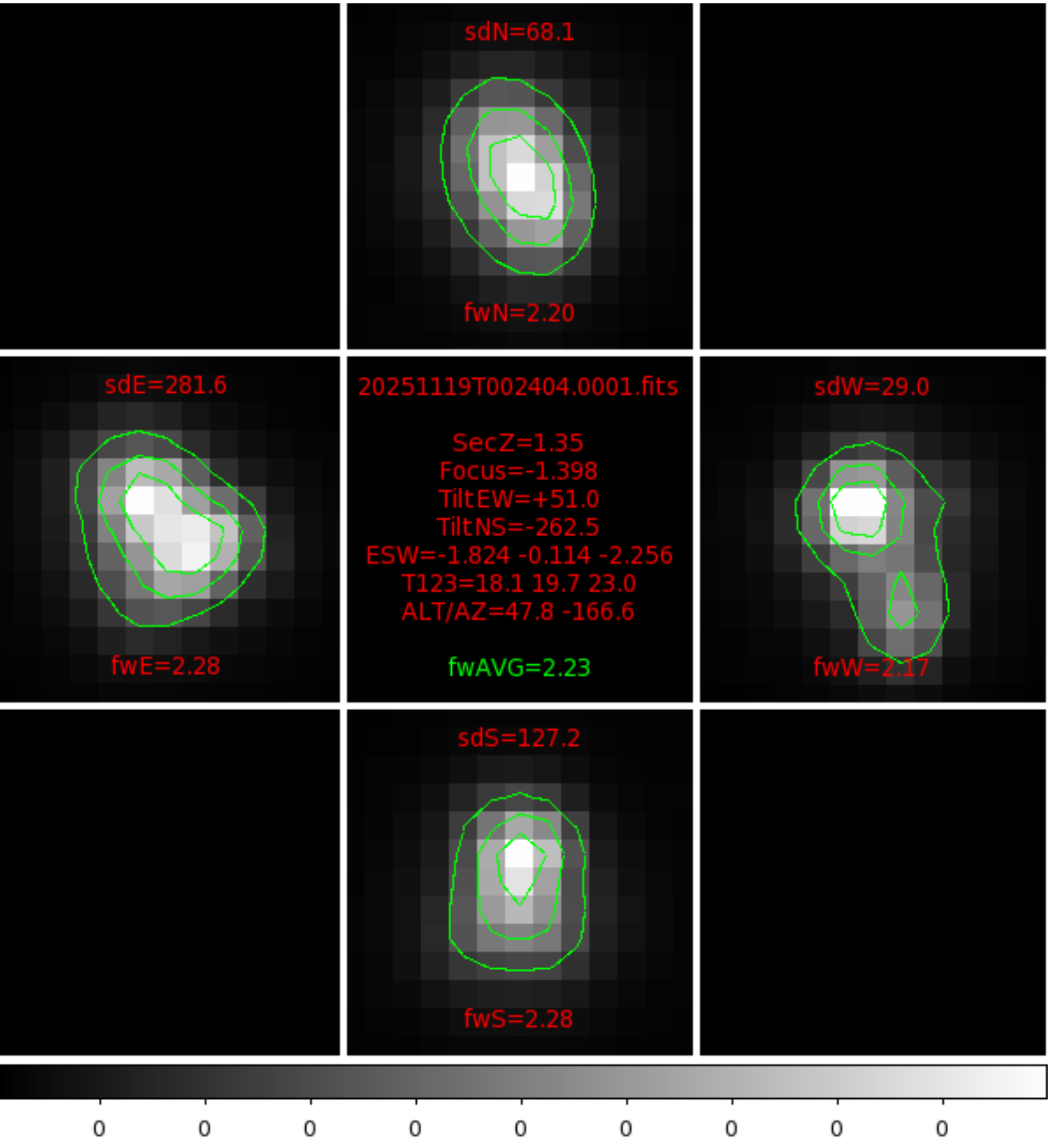
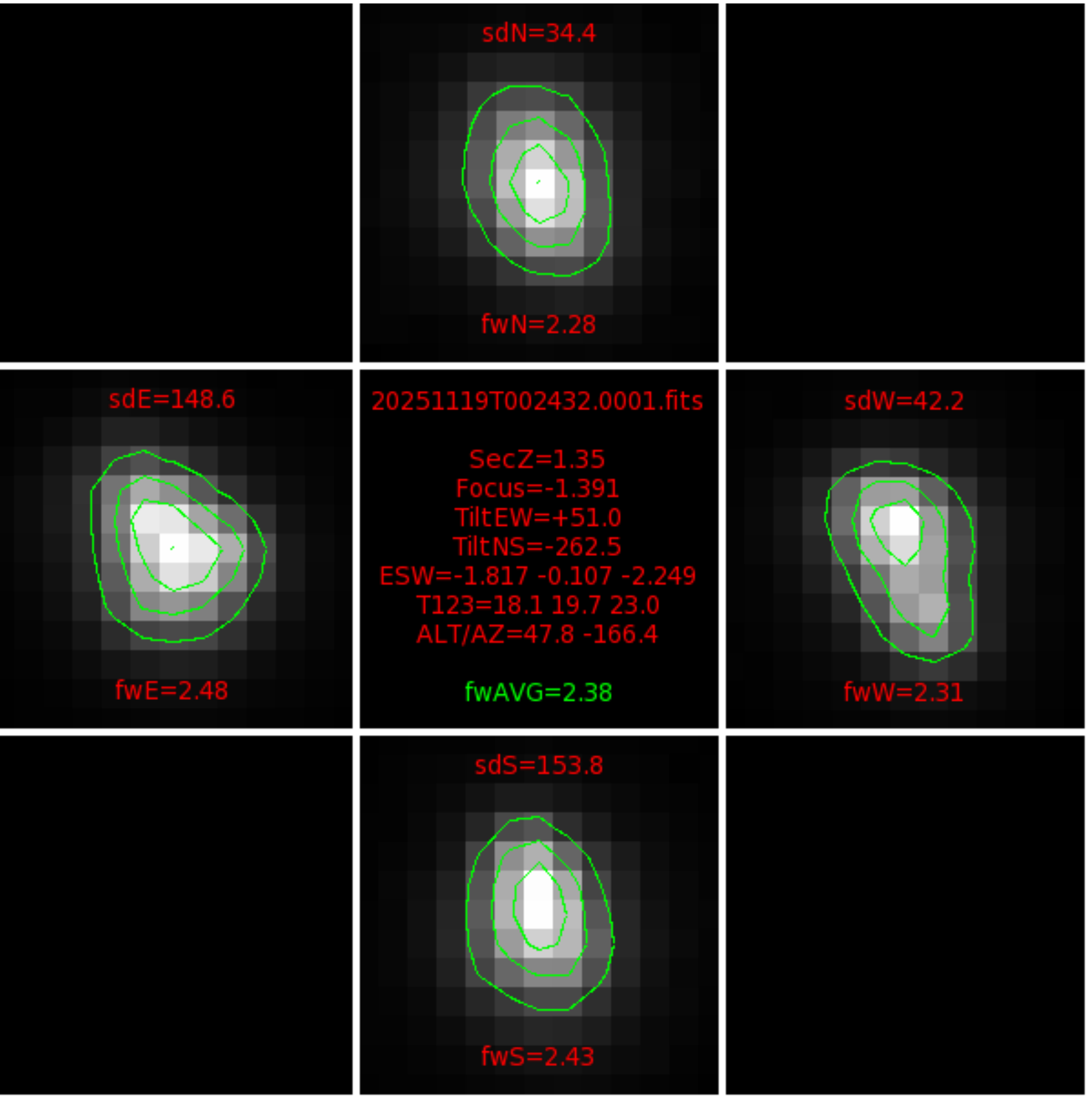

sdN=68.1
fwN=2.20
sdE=281.6
fwE=2.28
20251119T002404.0001.fits
SecZ=1.35
Focus=-1.398
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.824 -0.114 -2.256
T123=18.1 19.7 23.0
ALT/AZ=47.8 -166.6
fwAVG=2.23
sdW=29.0
fwW=2.17
sdS=127.2
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=34.4
fwN=2.28
sdE=148.6
fwE=2.48
20251119T002432.0001.fits
SecZ=1.35
Focus=-1.391
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.817 -0.107 -2.249
T123=18.1 19.7 23.0
ALT/AZ=47.8 -166.4
fwAVG=2.38
sdW=42.2
fwW=2.31
sdS=153.8
fwS=2.43
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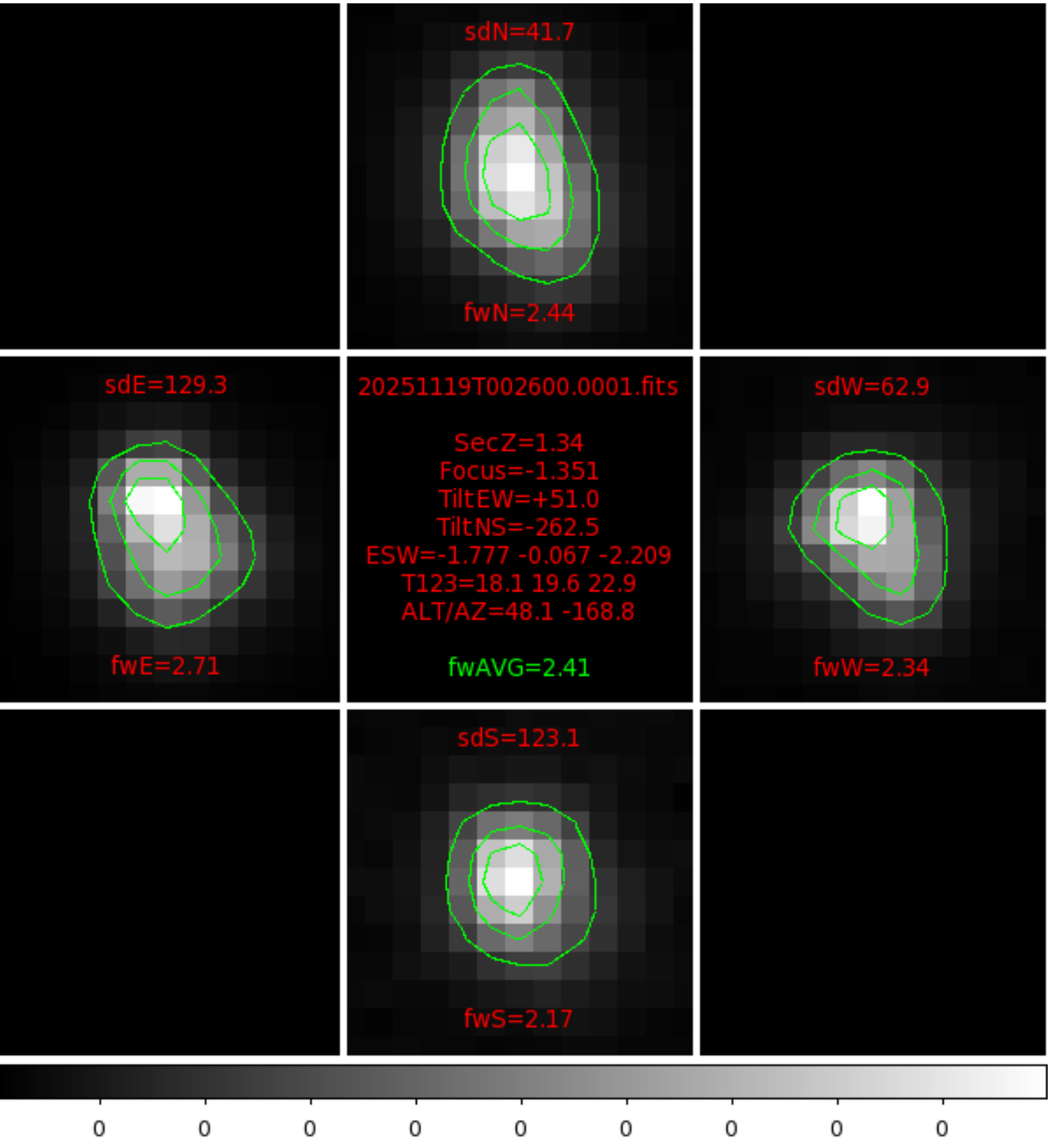
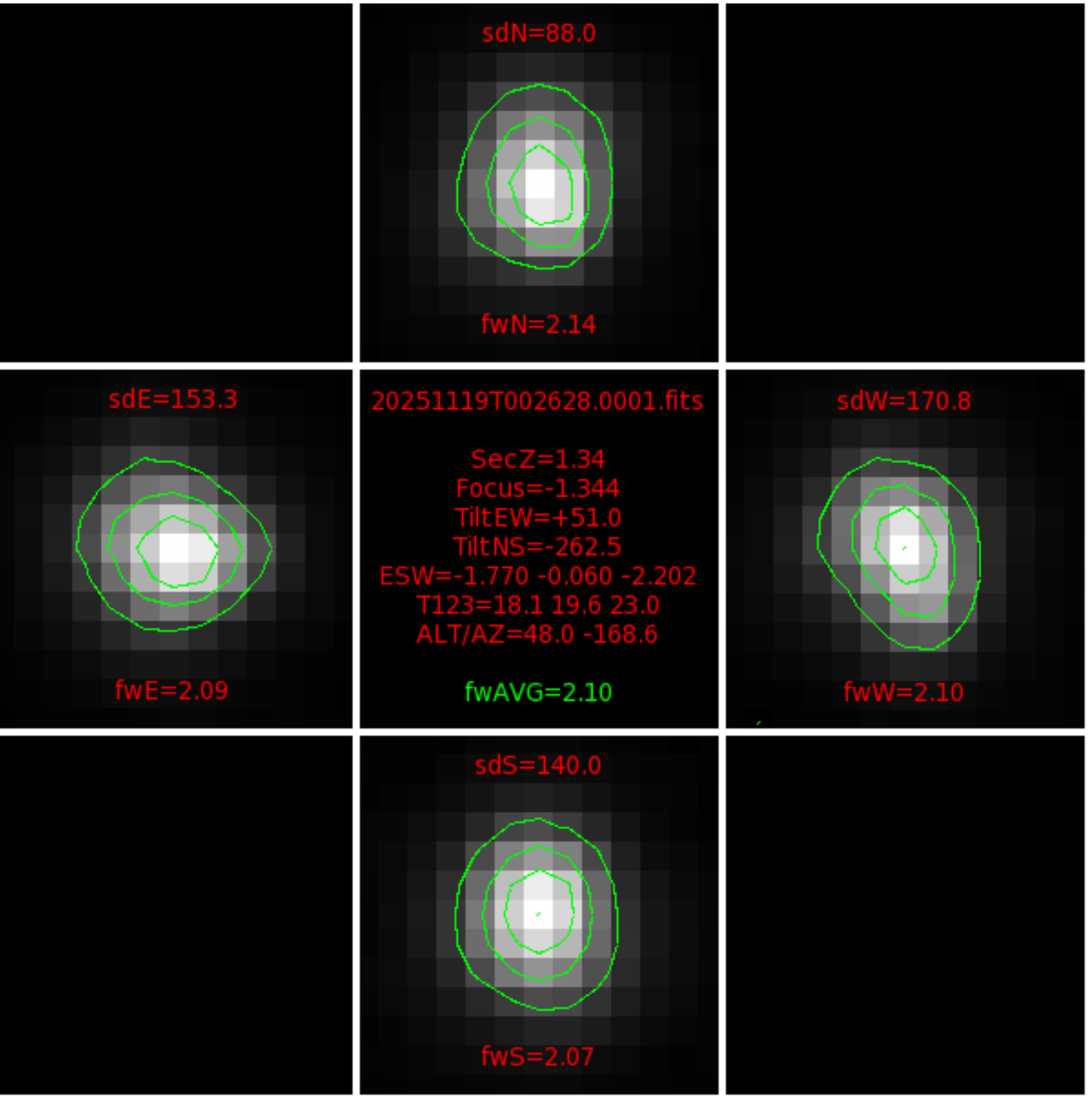
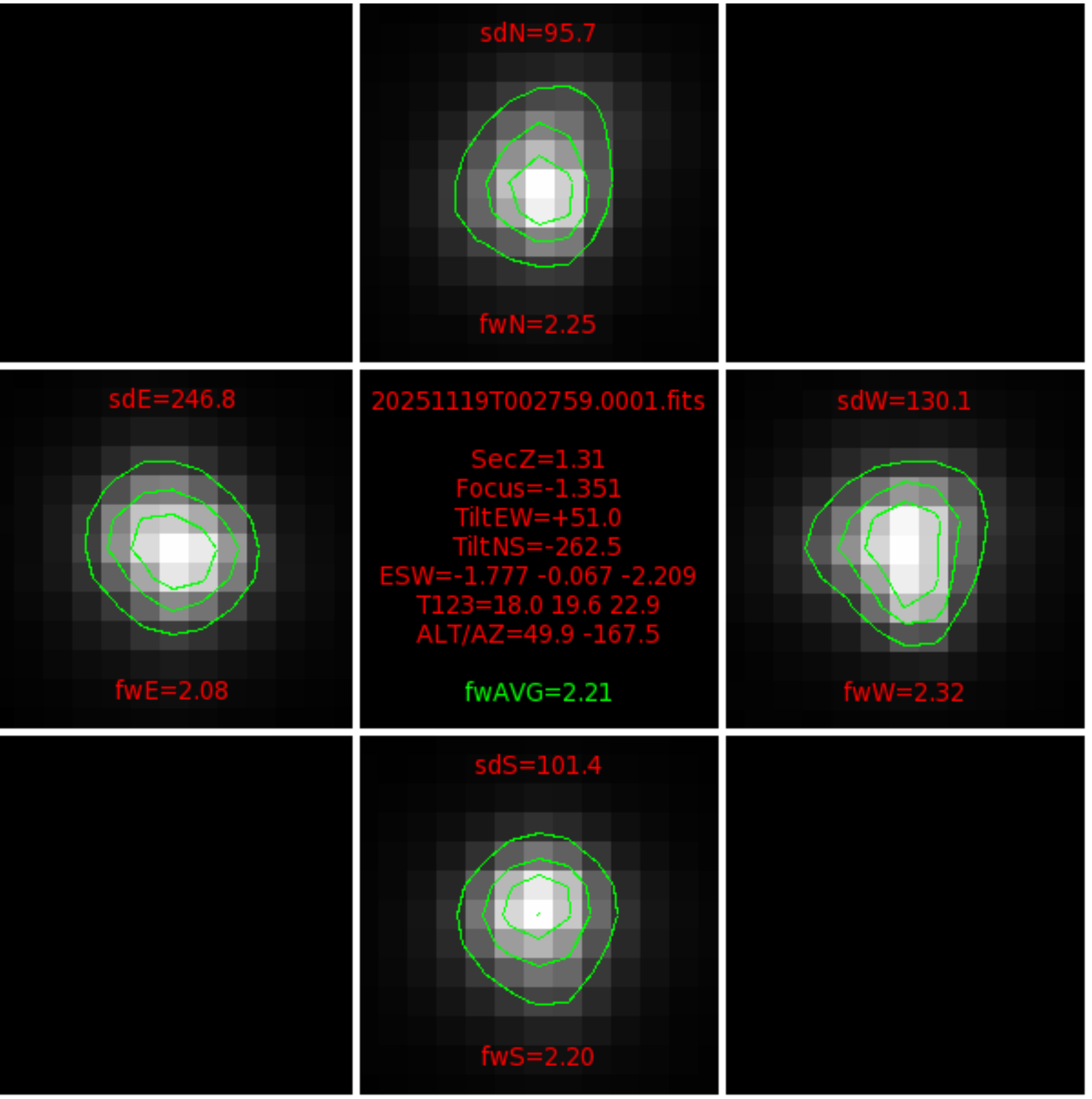
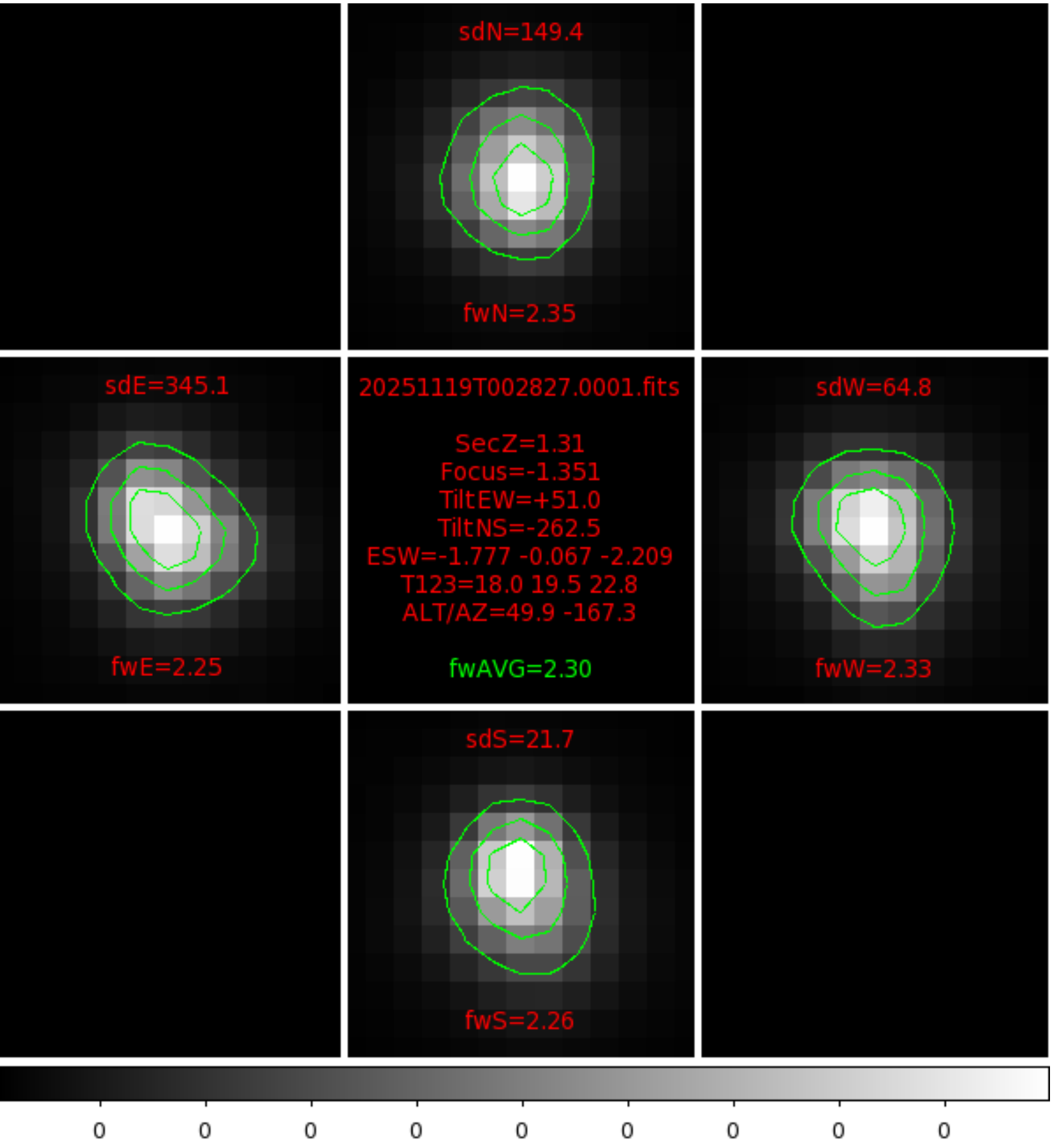
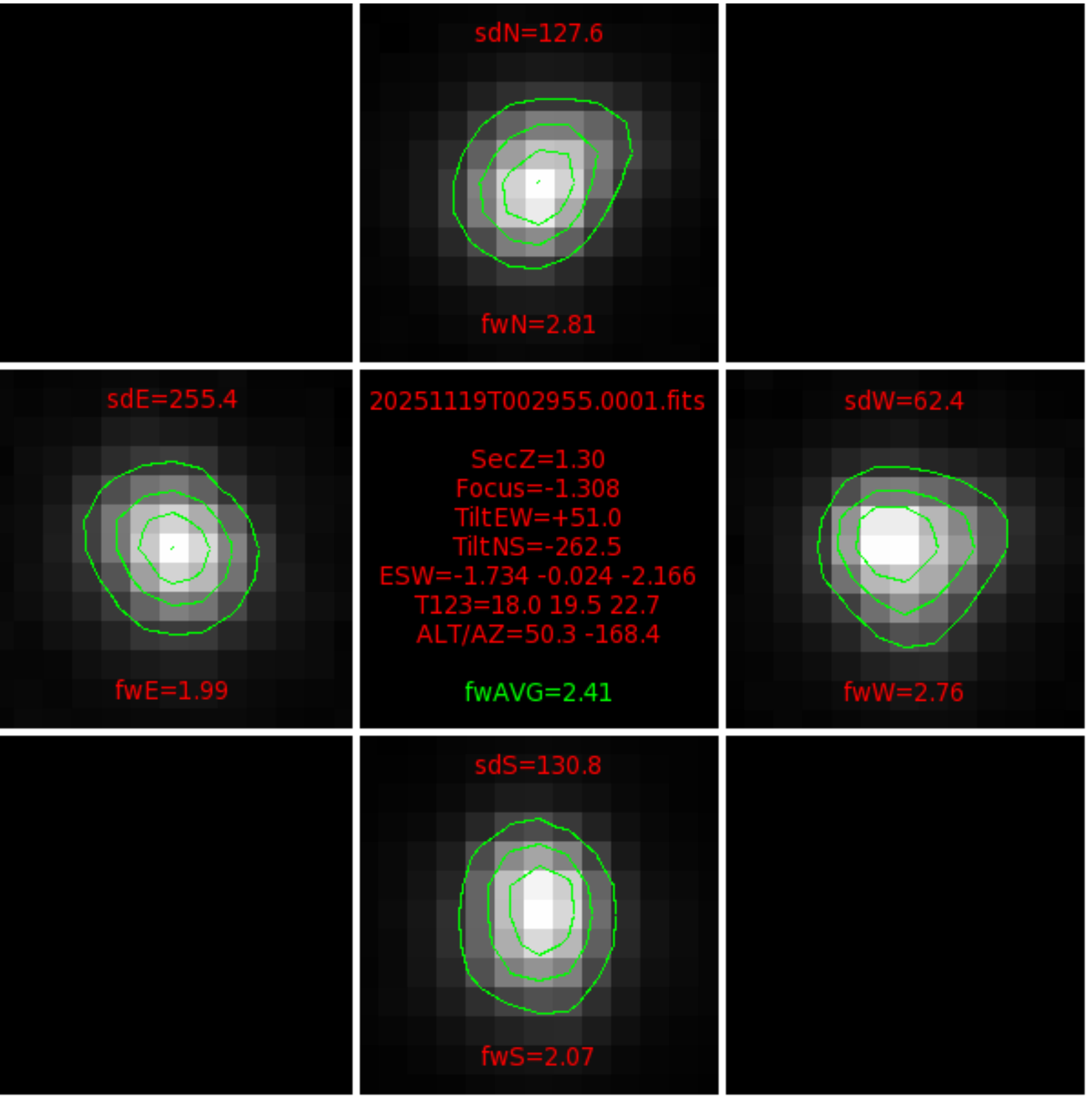

sdN=41.7
fwN=2.44
sdE=129.3
fwE=2.71
20251119T002600.0001.fits
SecZ=1.34
Focus=-1.351
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.777 -0.067 -2.209
T123=18.1 19.6 22.9
ALT/AZ=48.1 -168.8
fwAVG=2.41
sdW=62.9
fwW=2.34
sdS=123.1
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=88.0
fwN=2.14
sdE=153.3
fwE=2.09
20251119T002628.0001.fits
SecZ=1.34
Focus=-1.344
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.770 -0.060 -2.202
T123=18.1 19.6 23.0
ALT/AZ=48.0 -168.6
fwAVG=2.10
sdW=170.8
fwW=2.10
sdS=140.0
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=95.7
fwN=2.25
sdE=246.8
fwE=2.08
20251119T002759.0001.fits
SecZ=1.31
Focus=-1.351
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.777 -0.067 -2.209
T123=18.0 19.6 22.9
ALT/AZ=49.9 -167.5
fwAVG=2.21
sdW=130.1
fwW=2.32
sdS=101.4
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=149.4
fwN=2.35
sdE=345.1
fwE=2.25
20251119T002827.0001.fits
SecZ=1.31
Focus=-1.351
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.777 -0.067 -2.209
T123=18.0 19.5 22.8
ALT/AZ=49.9 -167.3
fwAVG=2.30
sdW=64.8
fwW=2.33
sdS=21.7
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=127.6
fwN=2.81
sdE=255.4
fwE=1.99
20251119T002955.0001.fits
SecZ=1.30
Focus=-1.308
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.734 -0.024 -2.166
T123=18.0 19.5 22.7
ALT/AZ=50.3 -168.4
fwAVG=2.41
sdW=62.4
fwW=2.76
sdS=130.8
fwS=2.07
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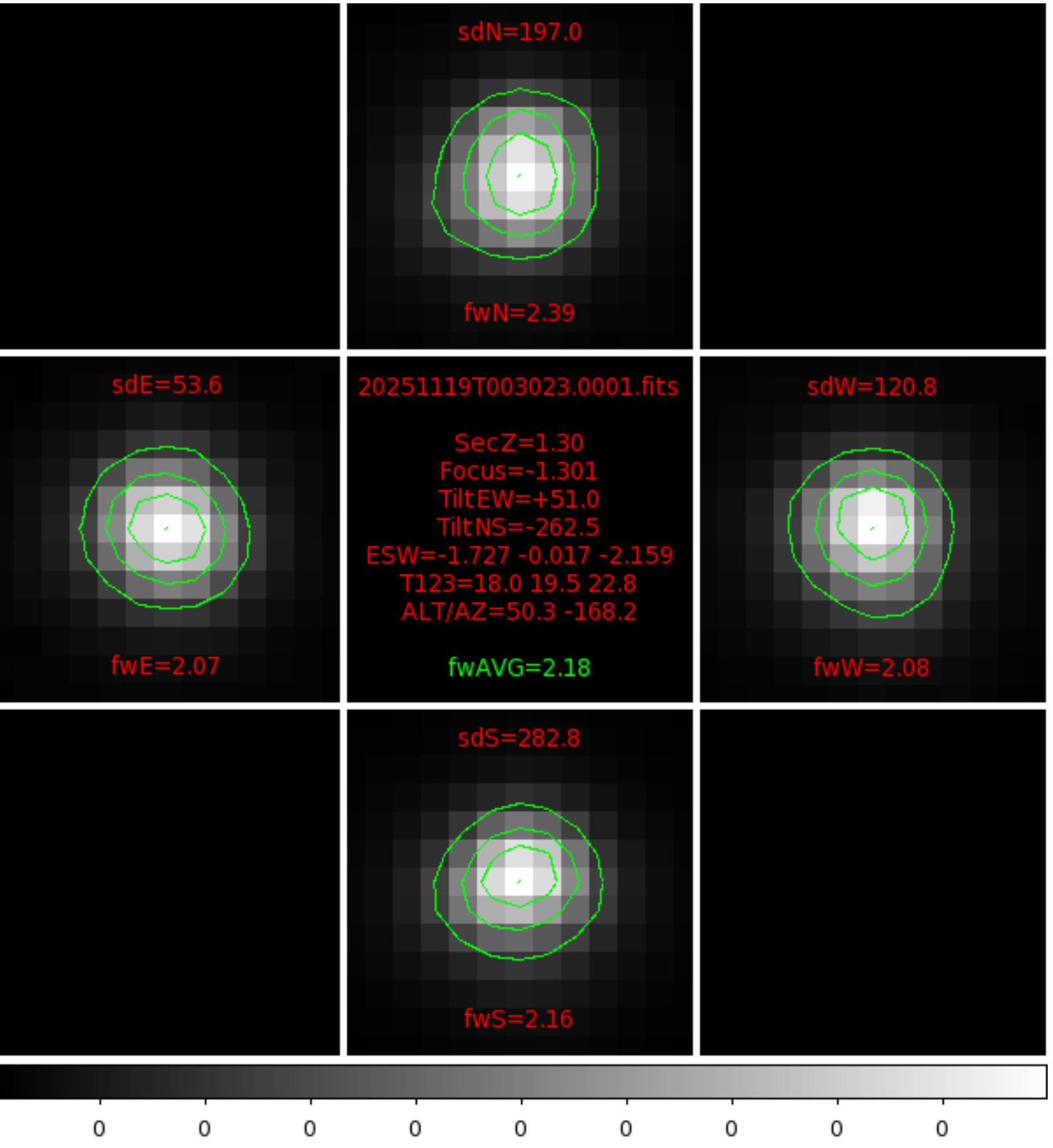
sdN=197.0
fwN=2.39
sdE=53.6
fwE=2.07
20251119T003023.0001.fits
SecZ=1.30
Focus=-1.301
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.727 -0.017 -2.159
T123=18.0 19.5 22.8
ALT/AZ=50.3 -168.2
fwAVG=2.18
sdW=120.8
fwW=2.08
sdS=282.8
fwS=2.16
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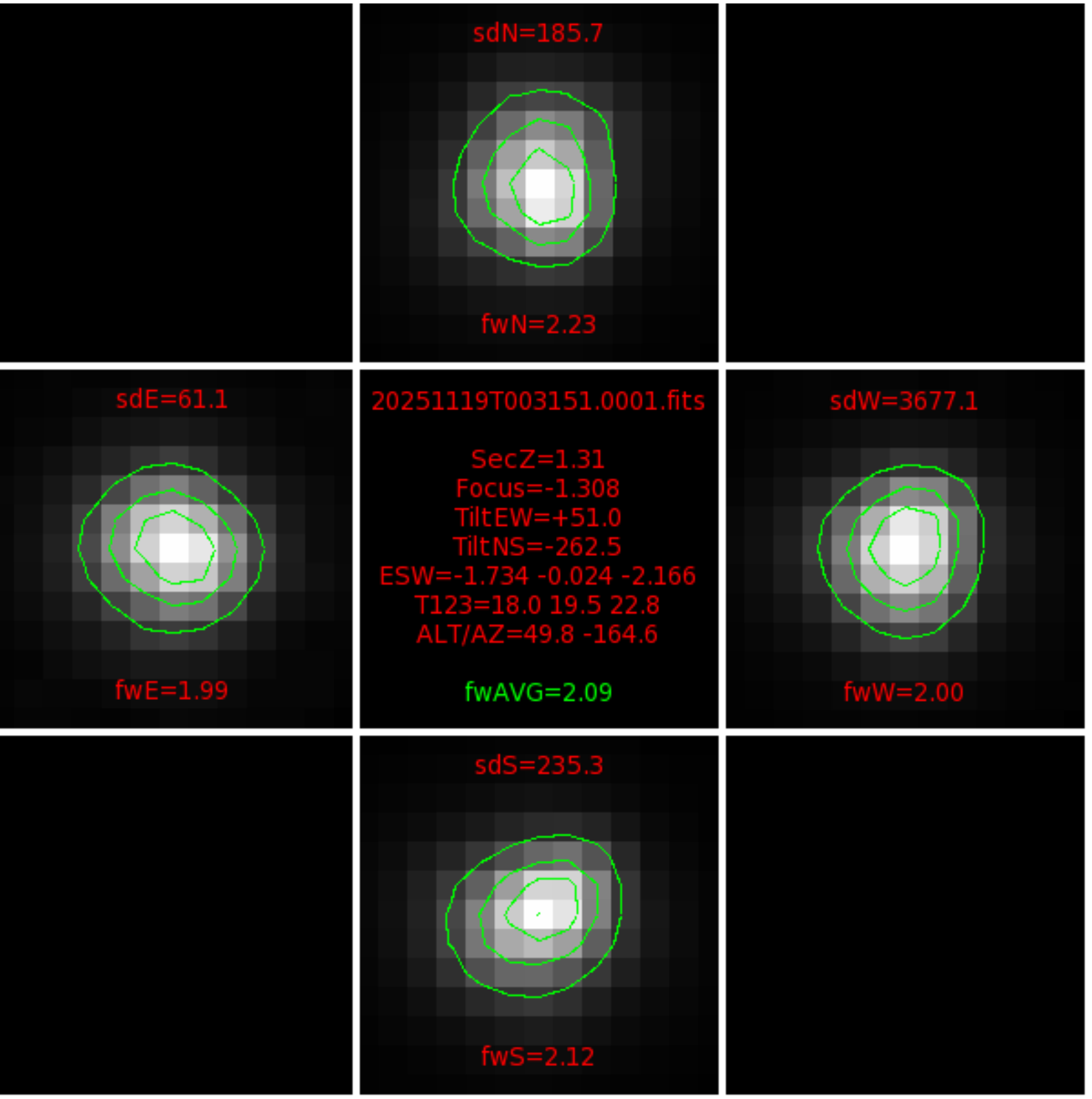
sdN=185.7
fwN=2.23
sdE=61.1
fwE=1.99
20251119T003151.0001.fits
SecZ=1.31
Focus=-1.308
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.734 -0.024 -2.166
T123=18.0 19.5 22.8
ALT/AZ=49.8 -164.6
fwAVG=2.09
sdW=3677.1
fwW=2.00
sdS=235.3
fwS=2.12
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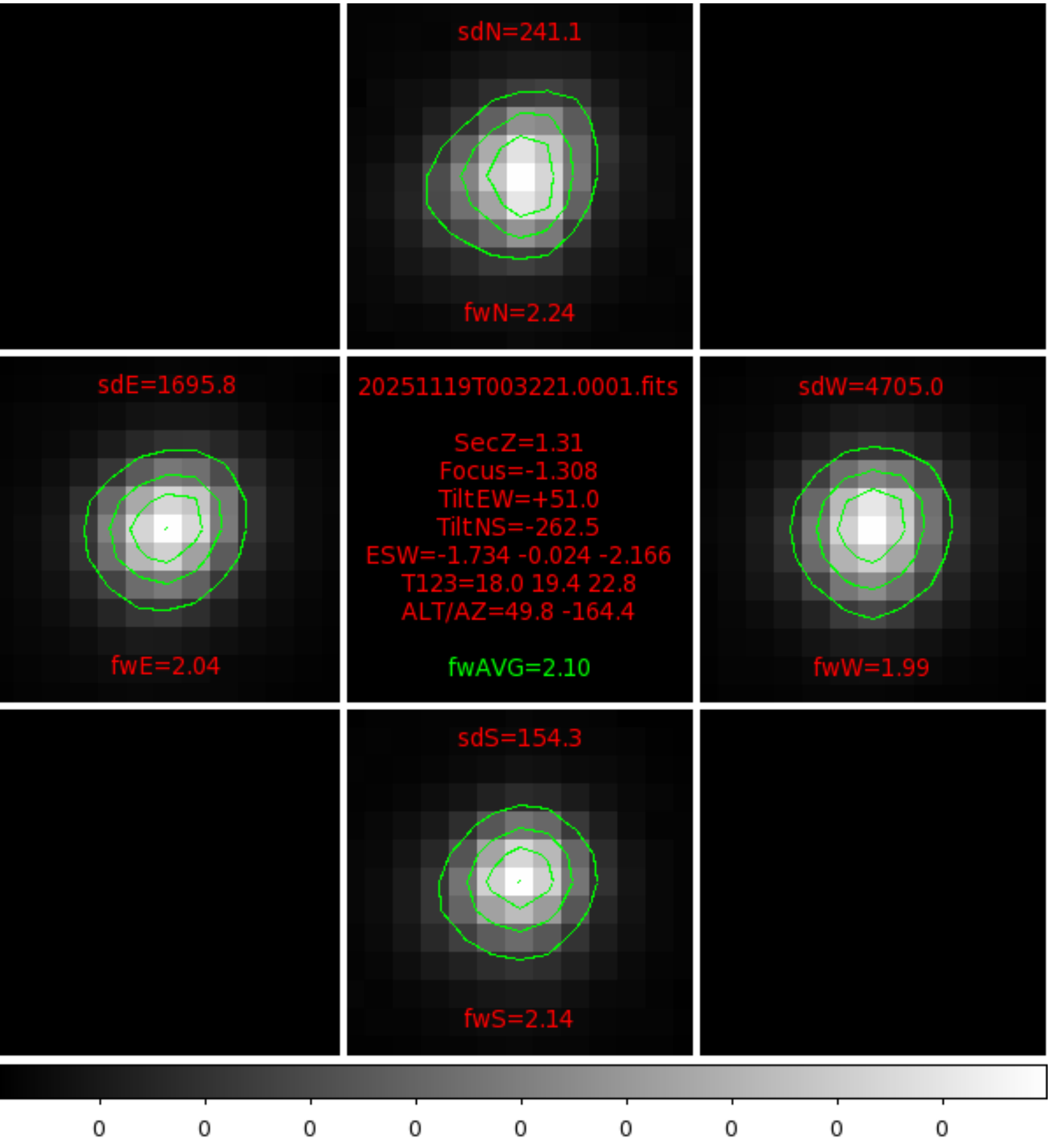
sdN=241.1
fwN=2.24
sdE=1695.8
fwE=2.04
20251119T003221.0001.fits
SecZ=1.31
Focus=-1.308
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.734 -0.024 -2.166
T123=18.0 19.4 22.8
ALT/AZ=49.8 -164.4
fwAVG=2.10
sdW=4705.0
fwW=1.99
sdS=154.3
fwS=2.14
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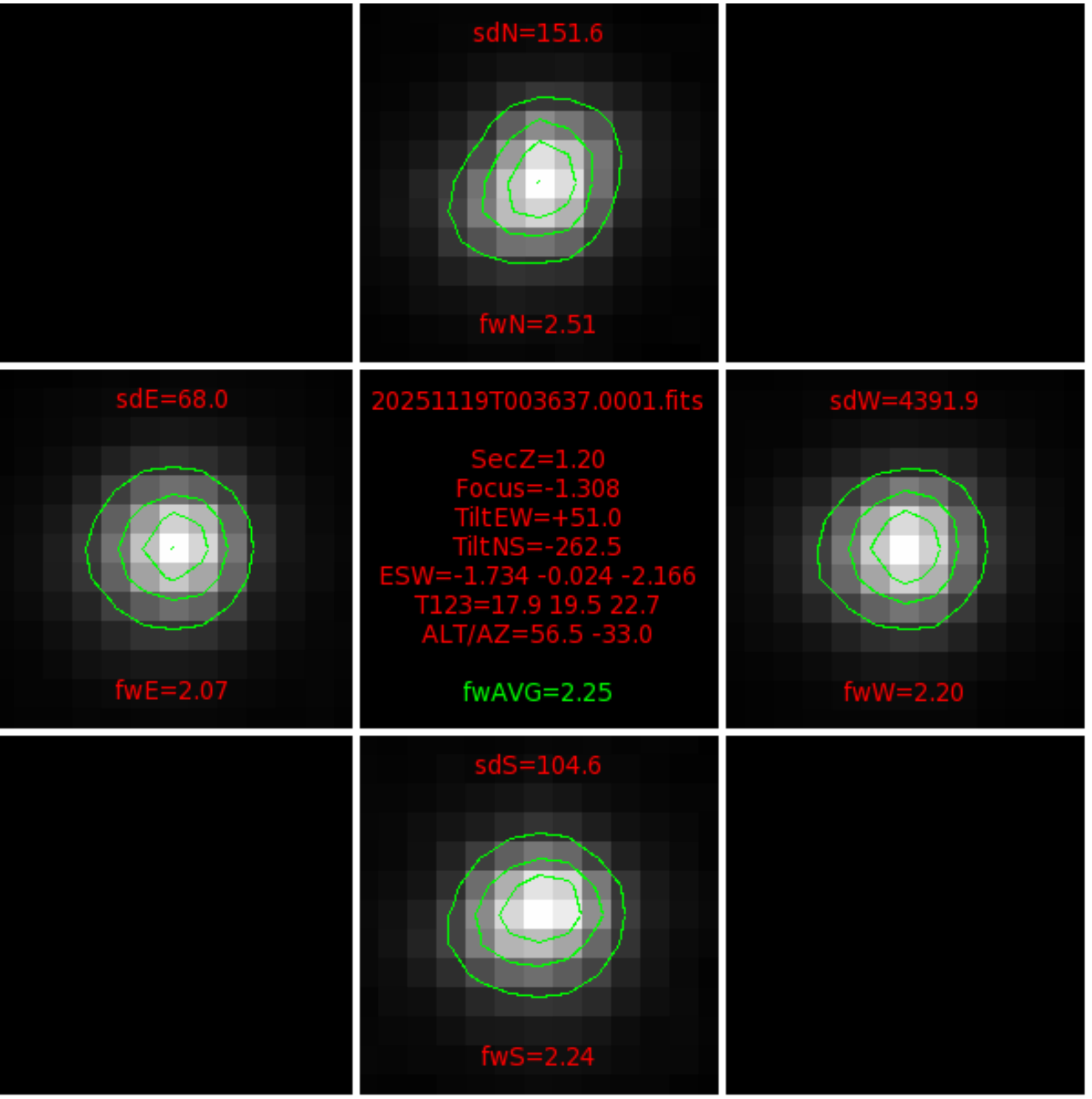
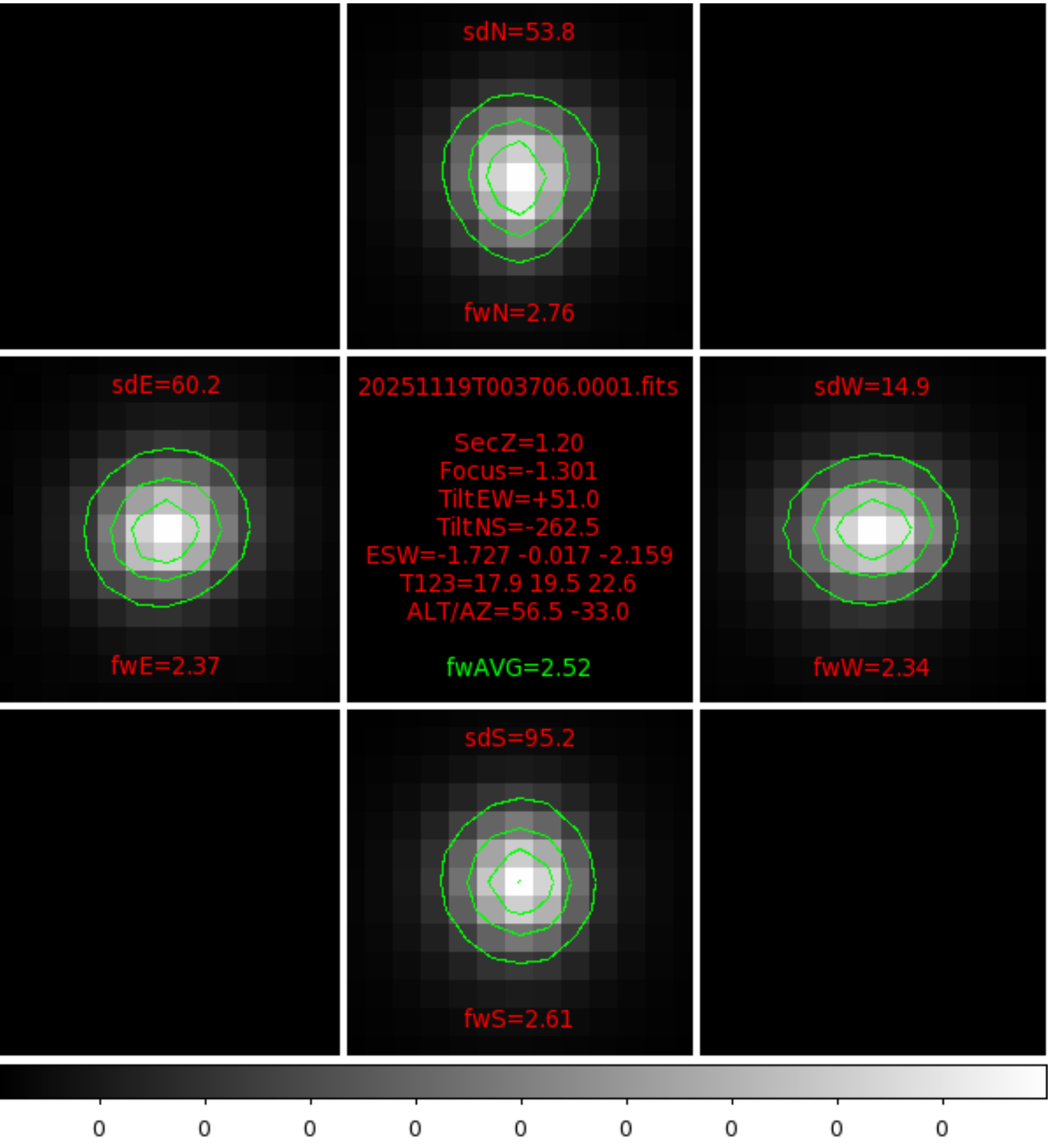
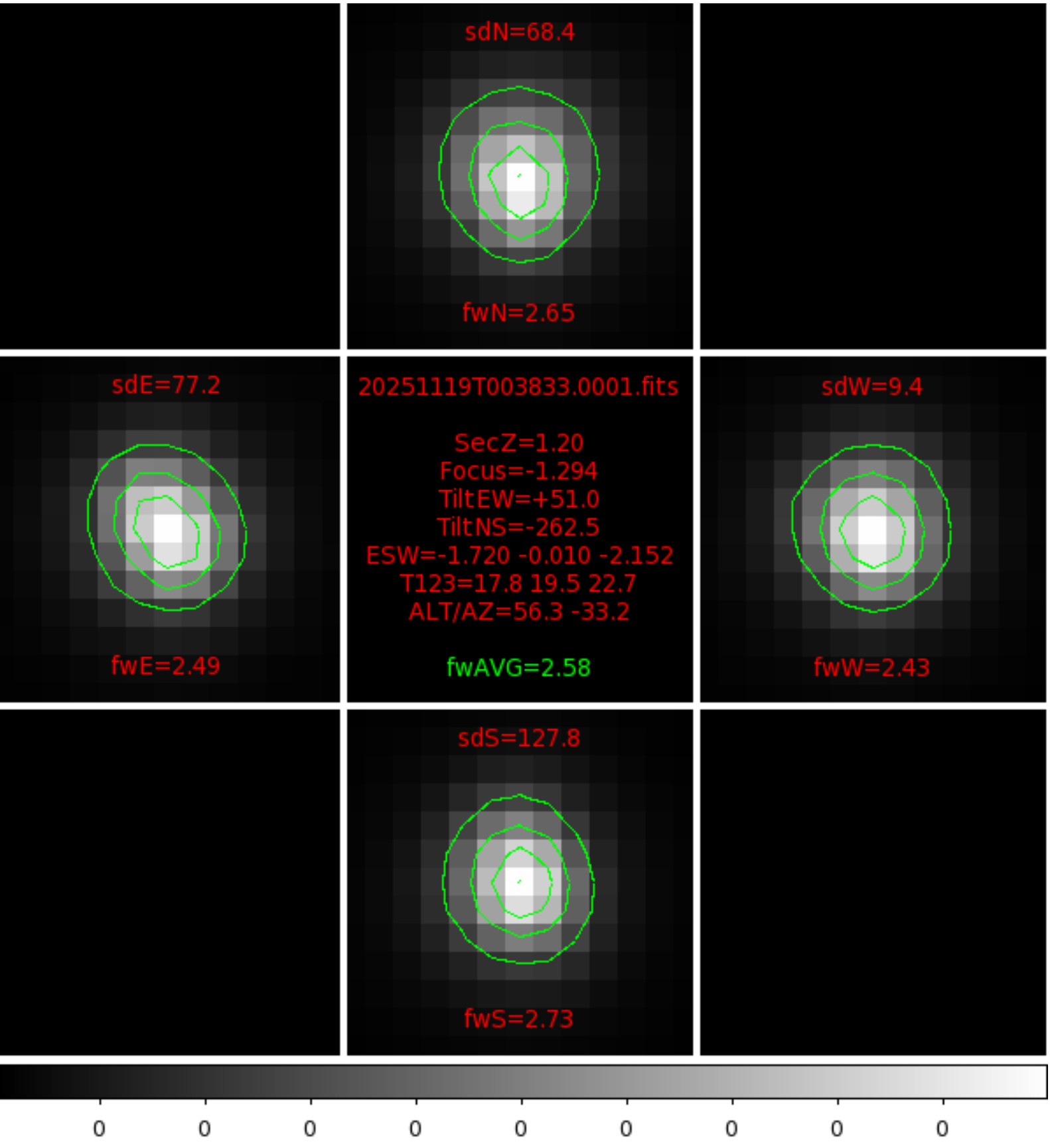
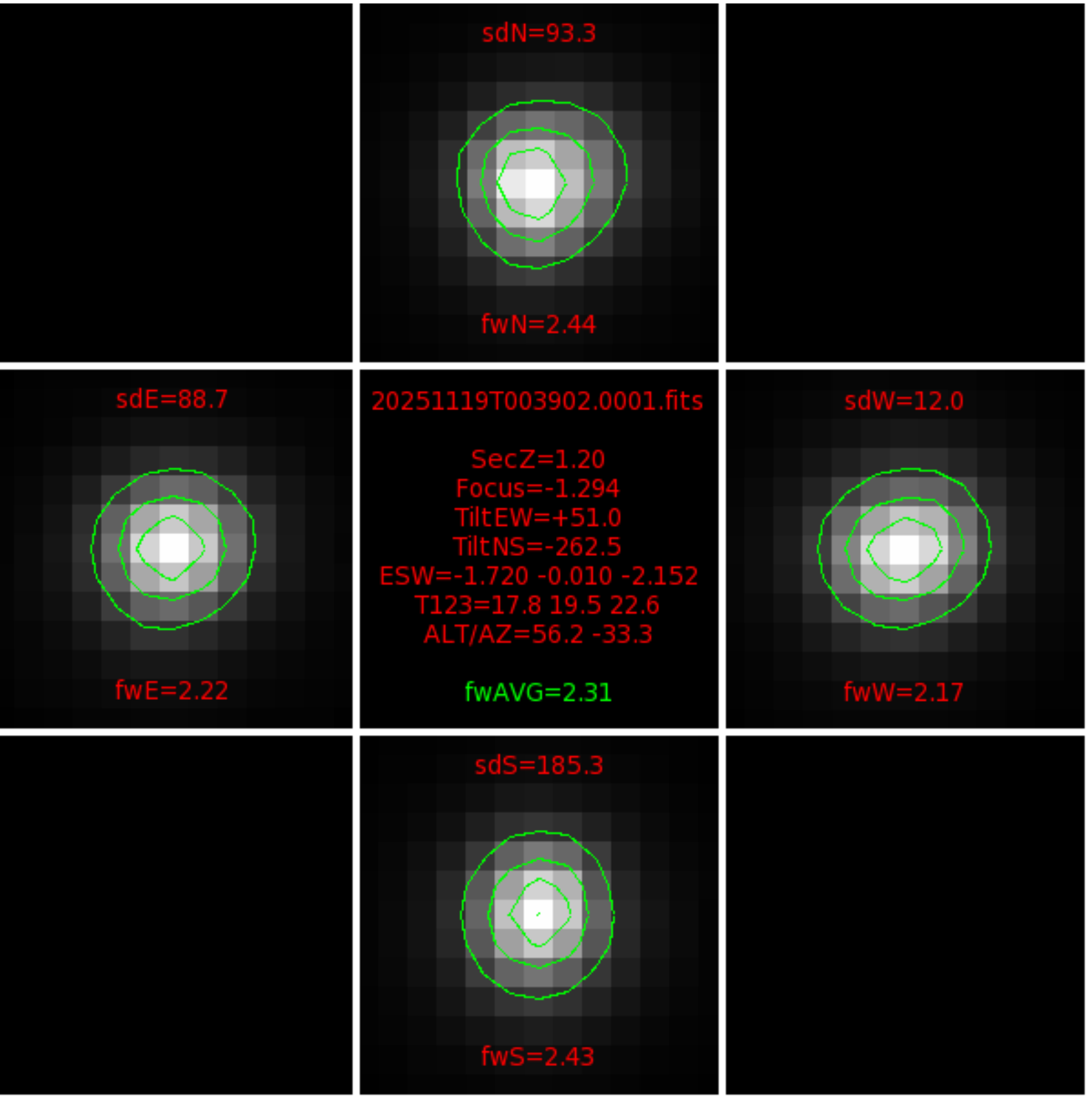
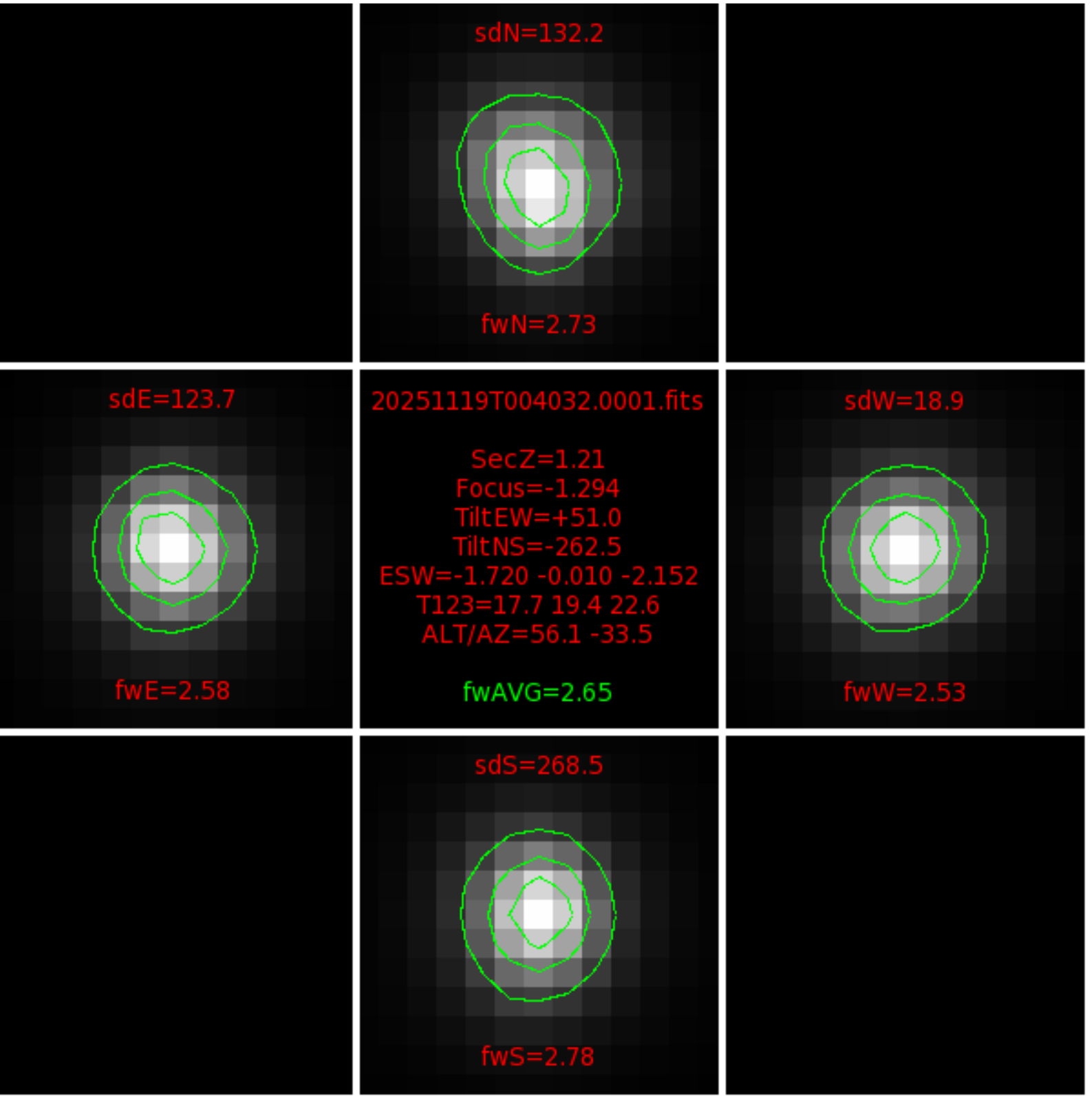

sdN=151.6
fwN=2.51
sdE=68.0
fwE=2.07
20251119T003637.0001.fits
SecZ=1.20
Focus=-1.308
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.734 -0.024 -2.166
T123=17.9 19.5 22.7
ALT/AZ=56.5 -33.0
fwAVG=2.25
sdW=4391.9
fwW=2.20
sdS=104.6
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=53.8
fwN=2.76
sdE=60.2
fwE=2.37
20251119T003706.0001.fits
SecZ=1.20
Focus=-1.301
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.727 -0.017 -2.159
T123=17.9 19.5 22.6
ALT/AZ=56.5 -33.0
fwAVG=2.52
sdW=14.9
fwW=2.34
sdS=95.2
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=68.4
fwN=2.65
sdE=77.2
fwE=2.49
20251119T003833.0001.fits
SecZ=1.20
Focus=-1.294
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.720 -0.010 -2.152
T123=17.8 19.5 22.7
ALT/AZ=56.3 -33.2
fwAVG=2.58
sdW=9.4
fwW=2.43
sdS=127.8
fwS=2.73
0 0 0 0 0 0 0 0 0


sdN=93.3
fwN=2.44
sdE=88.7
fwE=2.22
20251119T003902.0001.fits
SecZ=1.20
Focus=-1.294
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.720 -0.010 -2.152
T123=17.8 19.5 22.6
ALT/AZ=56.2 -33.3
fwAVG=2.31
sdW=12.0
fwW=2.17
sdS=185.3
fwS=2.43
0 0 0 0 0 0 0 0 0


sdN=132.2
fwN=2.73
sdE=123.7
fwE=2.58
20251119T004032.0001.fits
SecZ=1.21
Focus=-1.294
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.720 -0.010 -2.152
T123=17.7 19.4 22.6
ALT/AZ=56.1 -33.5
fwAVG=2.65
sdW=18.9
fwW=2.53
sdS=268.5
fwS=2.78
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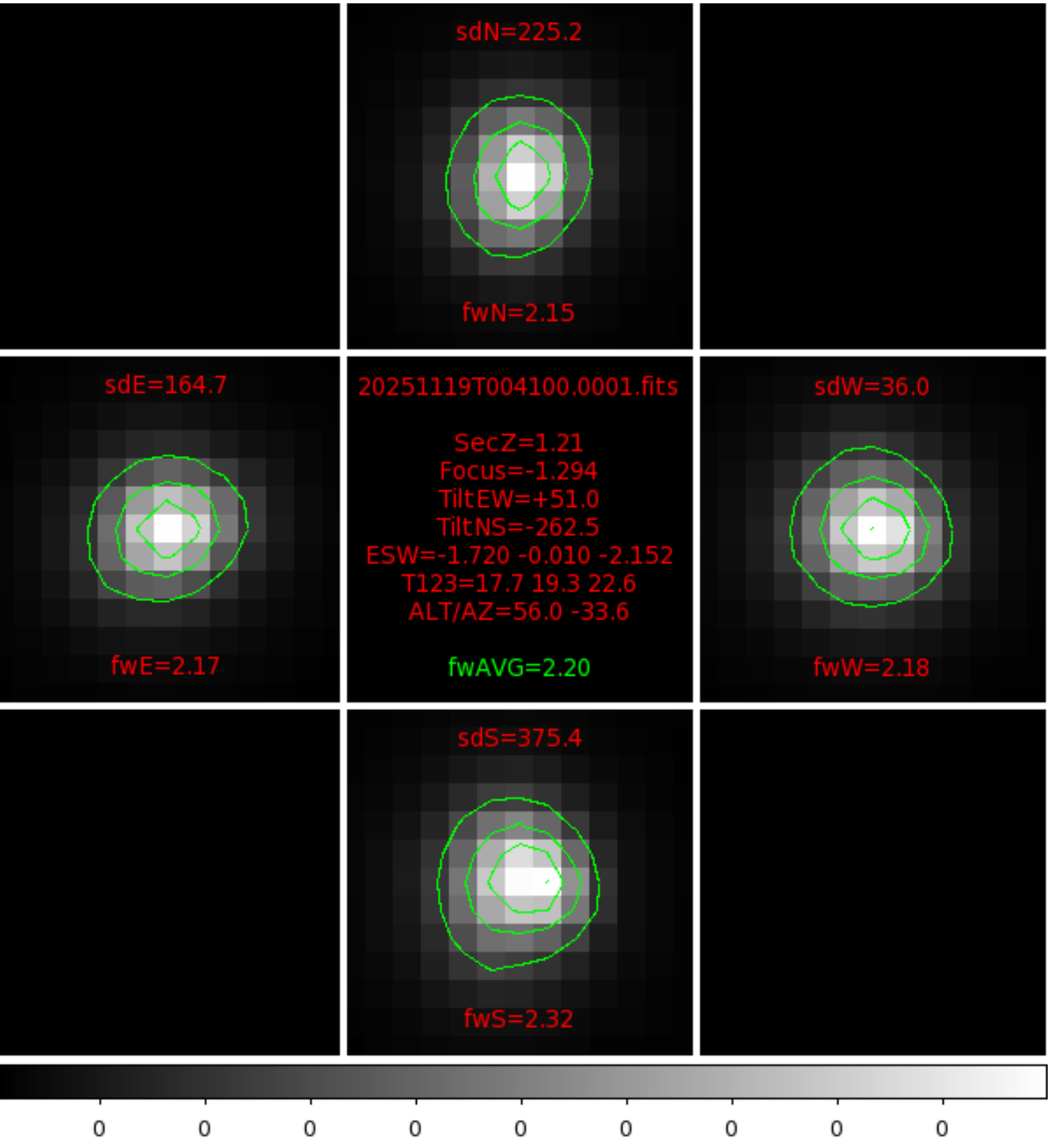
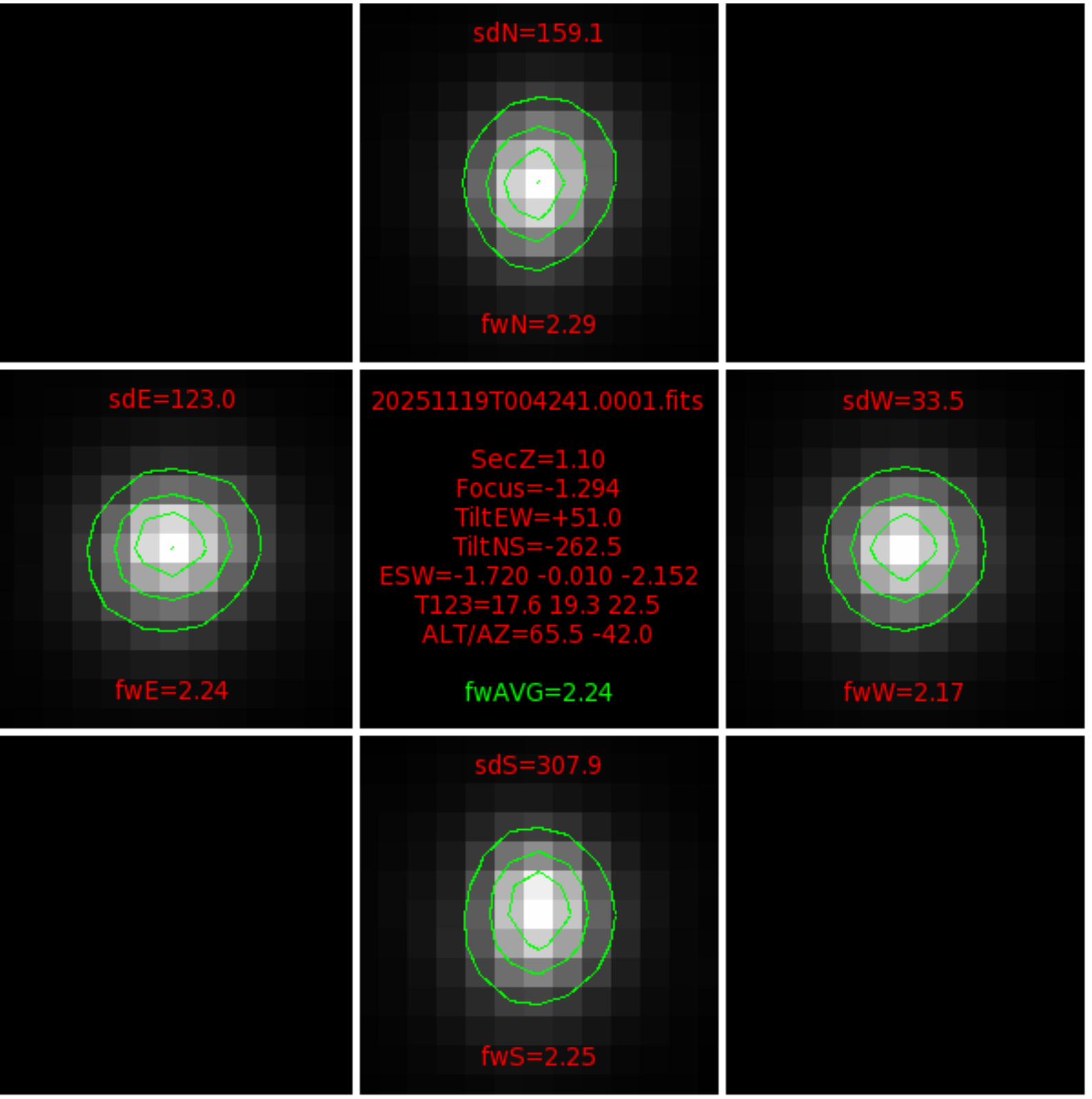
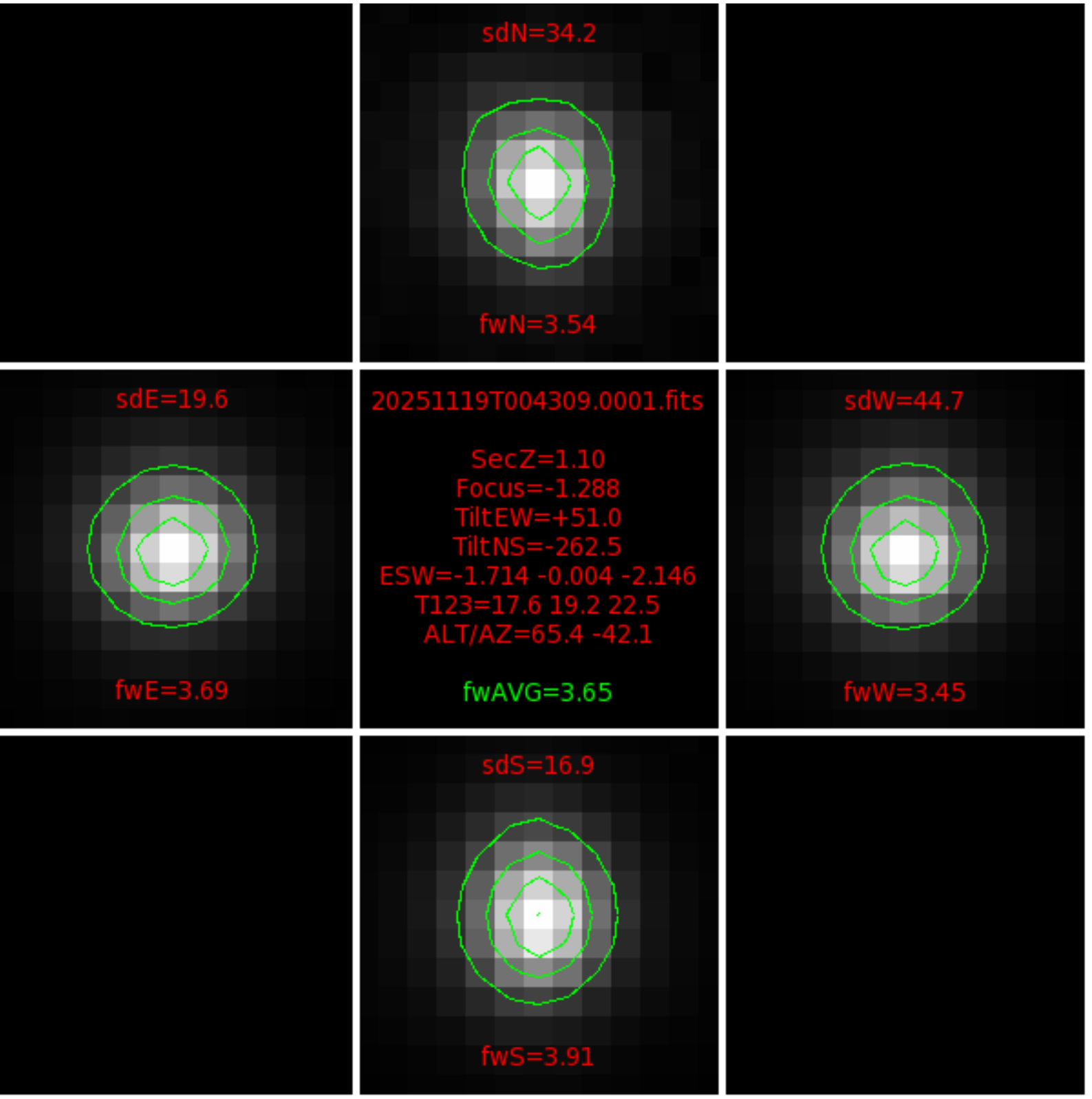

sdN=225.2
fwN=2.15
sdE=164.7
fwE=2.17
20251119T004100.0001.fits
SecZ=1.21
Focus=-1.294
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.720 -0.010 -2.152
T123=17.7 19.3 22.6
ALT/AZ=56.0 -33.6
fwAVG=2.20
sdW=36.0
fwW=2.18
sdS=375.4
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=159.1
fwN=2.29
sdE=123.0
fwE=2.24
20251119T004241.0001.fits
SecZ=1.10
Focus=-1.294
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.720 -0.010 -2.152
T123=17.6 19.3 22.5
ALT/AZ=65.5 -42.0
fwAVG=2.24
sdW=33.5
fwW=2.17
sdS=307.9
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=34.2
fwN=3.54
sdE=19.6
fwE=3.69
20251119T004309.0001.fits
SecZ=1.10
Focus=-1.288
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.714 -0.004 -2.146
T123=17.6 19.2 22.5
ALT/AZ=65.4 -42.1
fwAVG=3.65
sdW=44.7
fwW=3.45
sdS=16.9
fwS=3.91
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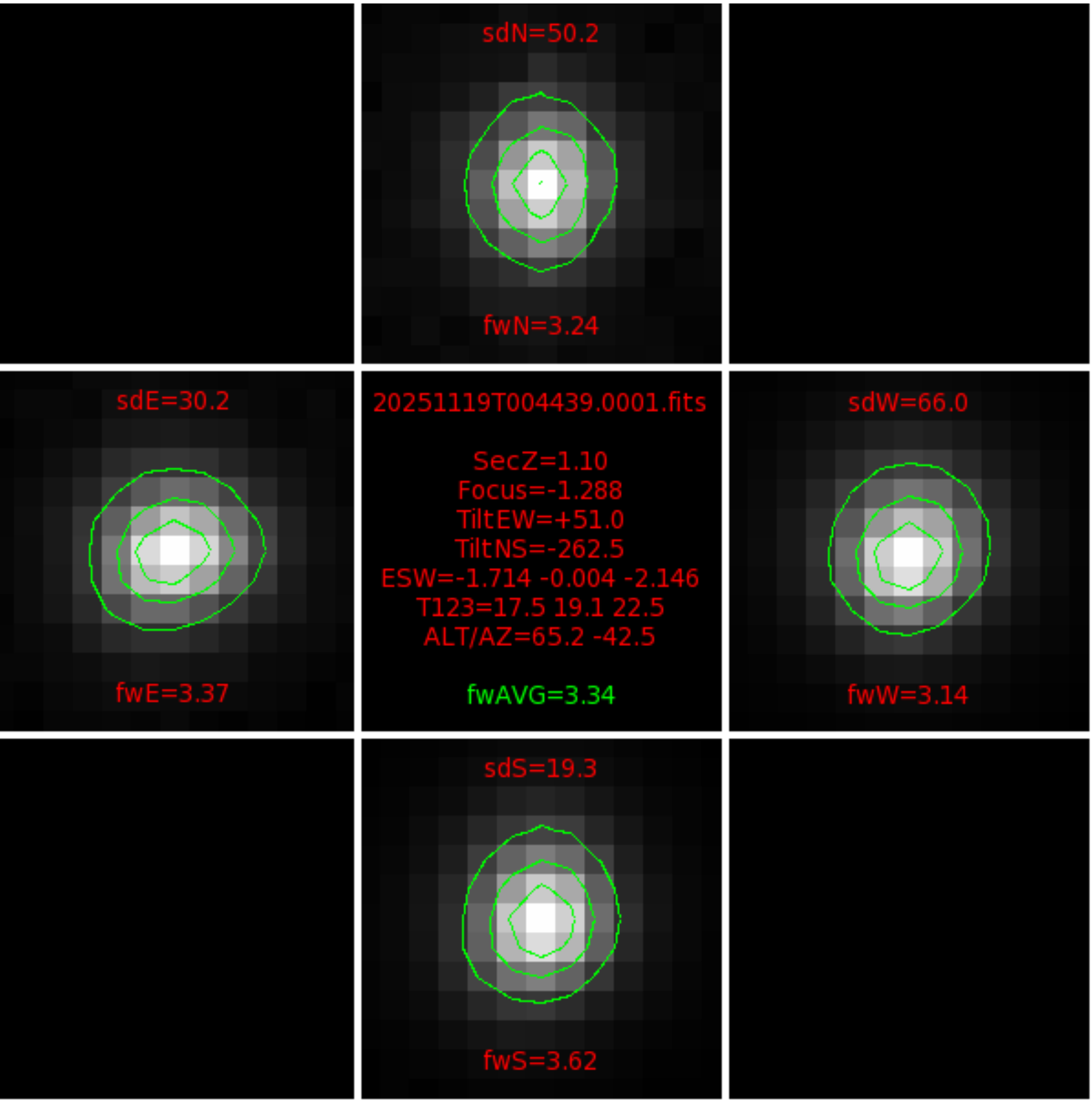
sdN=50.2
fwN=3.24
sdE=30.2
fwE=3.37
20251119T004439.0001.fits
SecZ=1.10
Focus=-1.288
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.714 -0.004 -2.146
T123=17.5 19.1 22.5
ALT/AZ=65.2 -42.5
fwAVG=3.34
sdW=66.0
fwW=3.14
sdS=19.3
fwS=3.62
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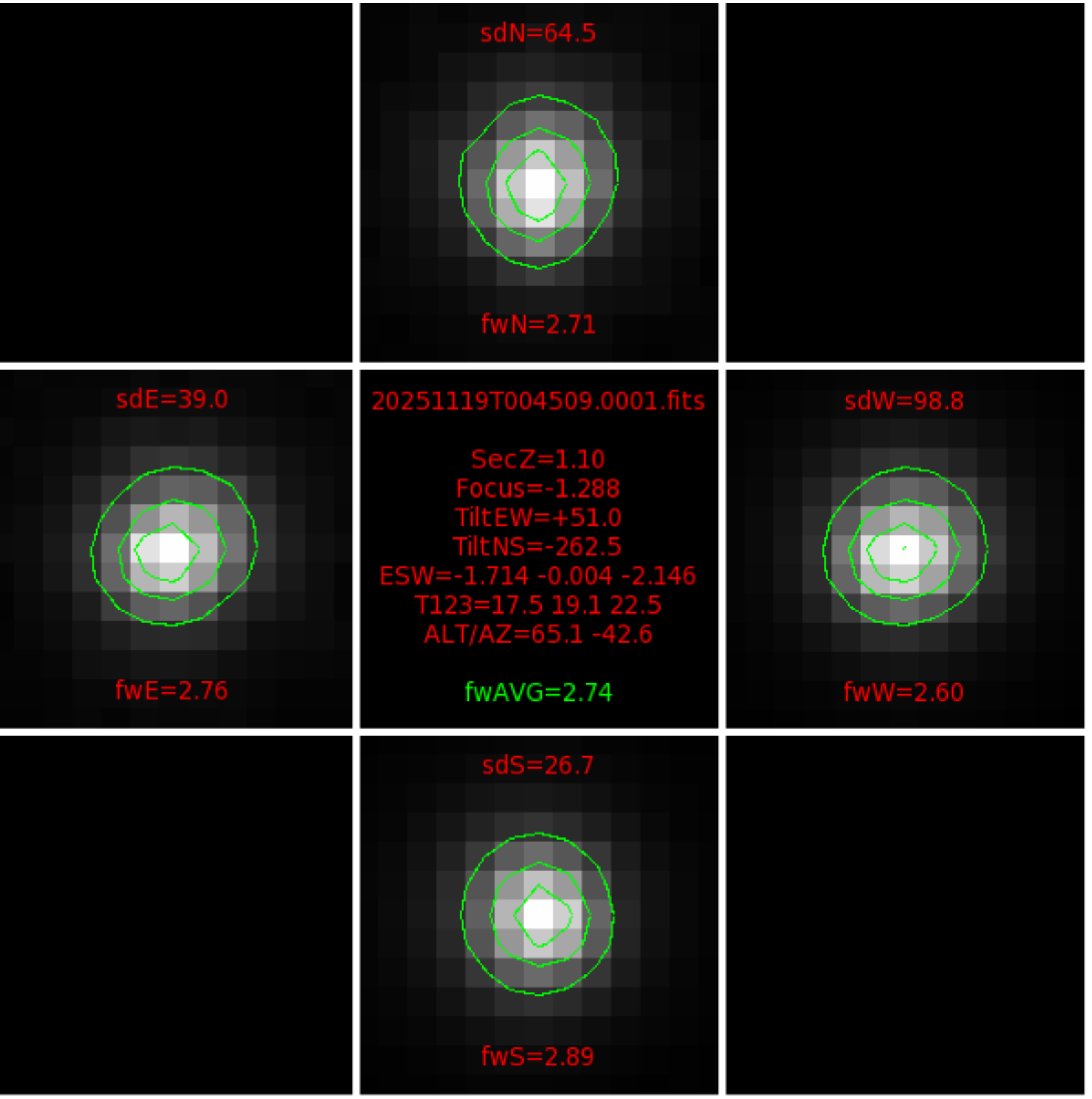
sdN=64.5
fwN=2.71
sdE=39.0
fwE=2.76
20251119T004509.0001.fits
SecZ=1.10
Focus=-1.288
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.714 -0.004 -2.146
T123=17.5 19.1 22.5
ALT/AZ=65.1 -42.6
fwAVG=2.74
sdW=98.8
fwW=2.60
sdS=26.7
fwS=2.89
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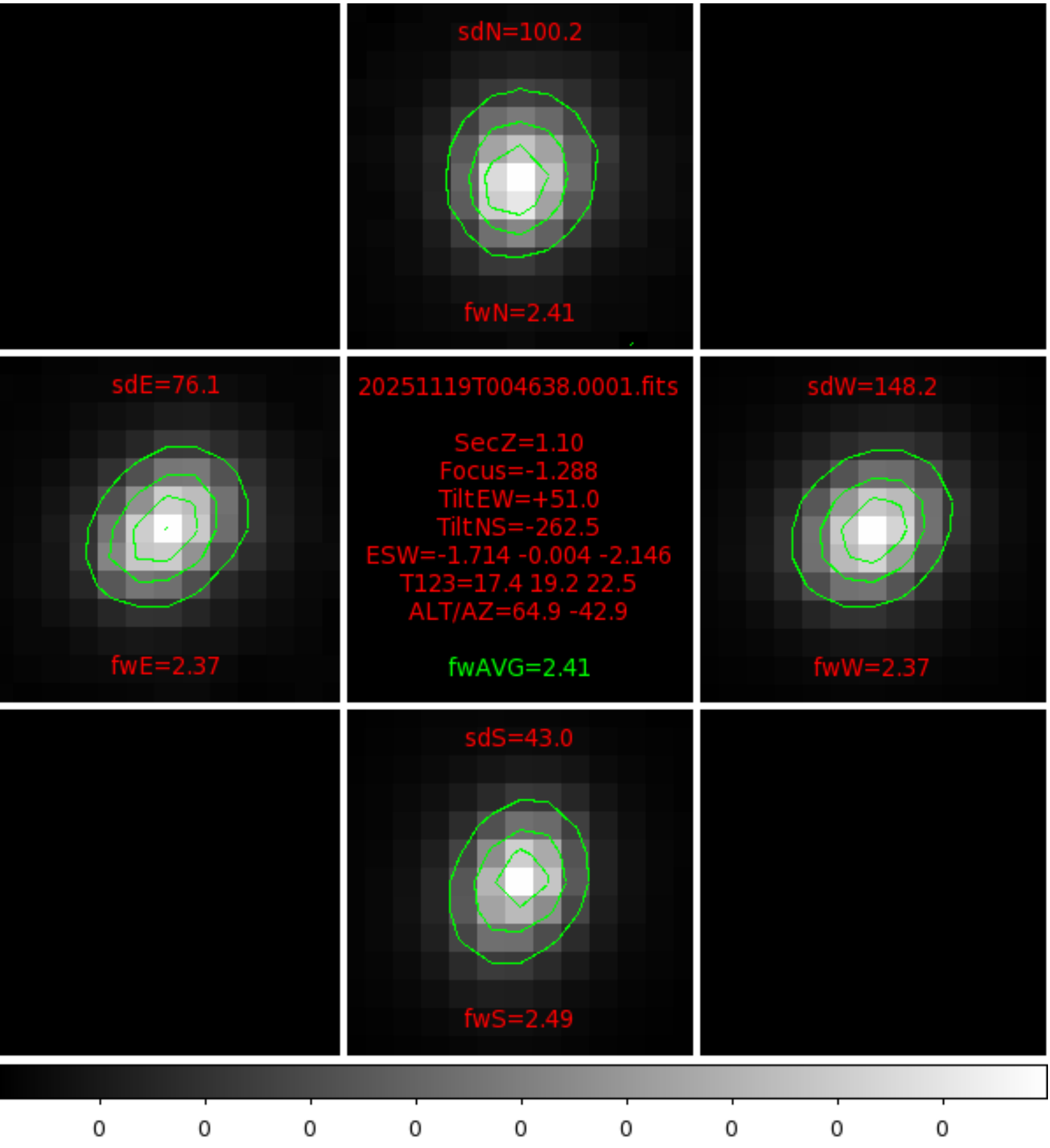
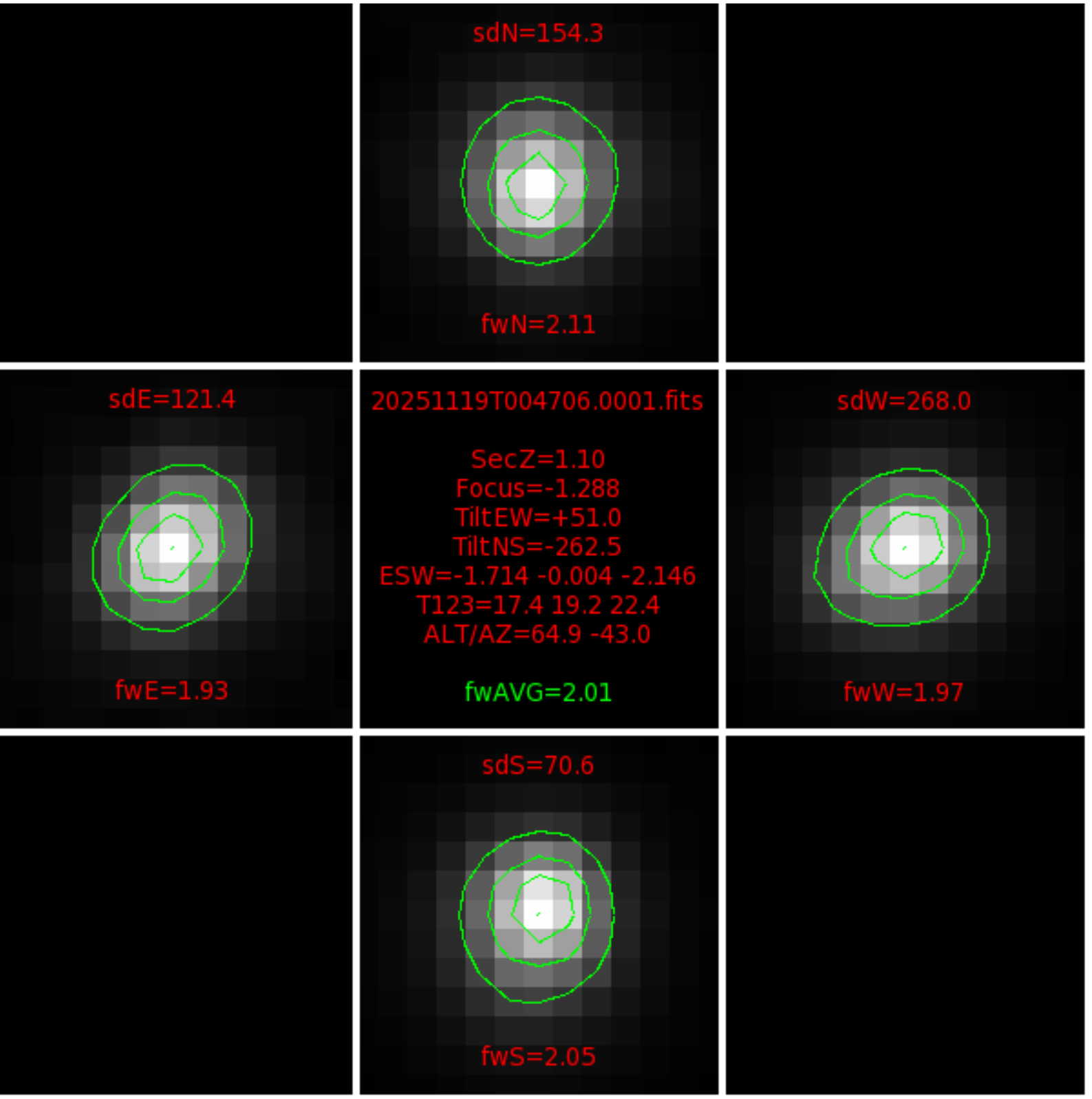

sdN=100.2
fwN=2.41
sdE=76.1
fwE=2.37
20251119T004638.0001.fits
SecZ=1.10
Focus=-1.288
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.714 -0.004 -2.146
T123=17.4 19.2 22.5
ALT/AZ=64.9 -42.9
fwAVG=2.41
sdW=148.2
fwW=2.37
sdS=43.0
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=154.3
fwN=2.11
sdE=121.4
fwE=1.93
20251119T004706.0001.fits
SecZ=1.10
Focus=-1.288
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.714 -0.004 -2.146
T123=17.4 19.2 22.4
ALT/AZ=64.9 -43.0
fwAVG=2.01
sdW=268.0
fwW=1.97
sdS=70.6
fwS=2.05
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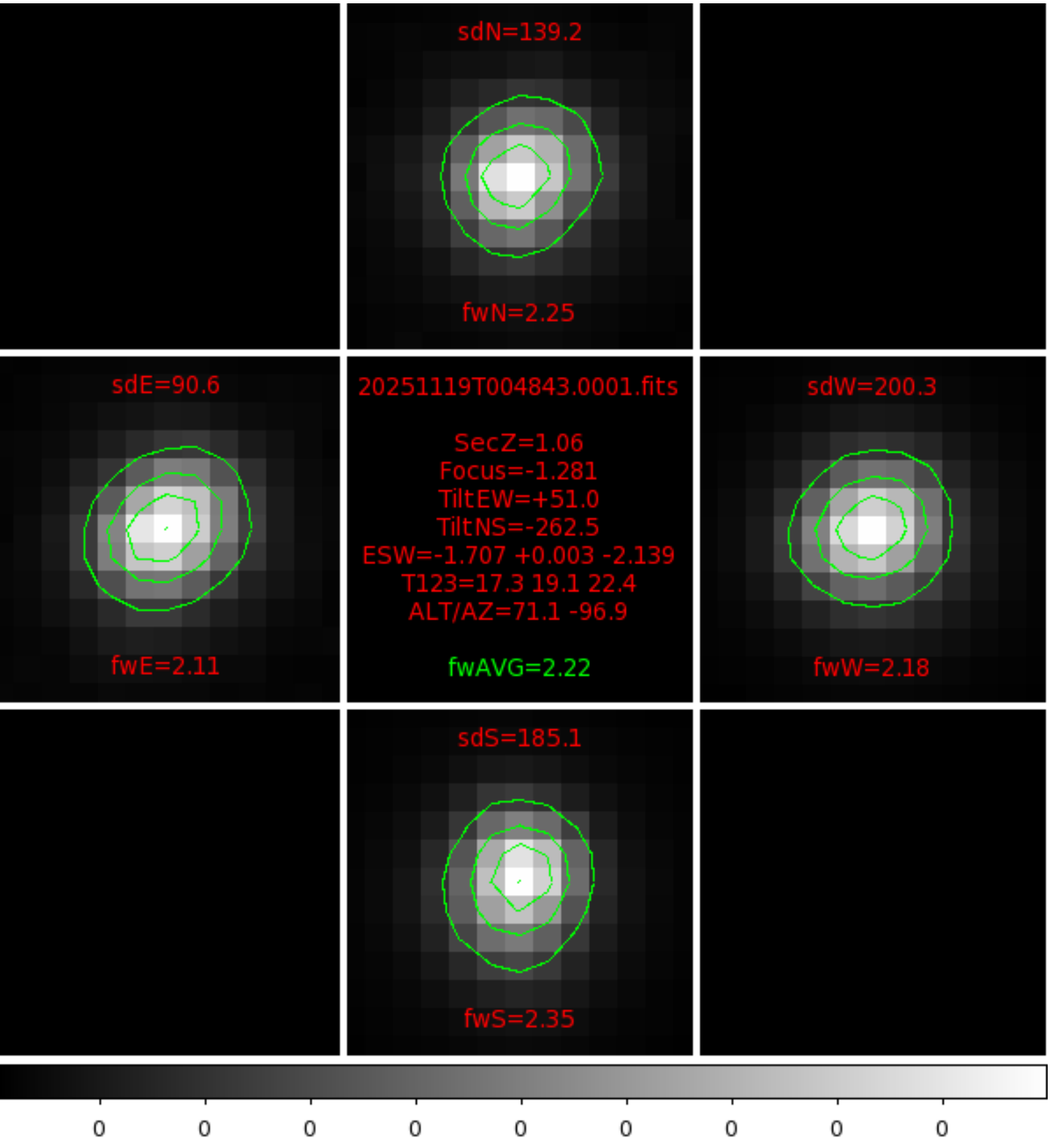
sdN=139.2
fwN=2.25
sdE=90.6
fwE=2.11
20251119T004843.0001.fits
SecZ=1.06
Focus=-1.281
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.707 +0.003 -2.139
T123=17.3 19.1 22.4
ALT/AZ=71.1 -96.9
fwAVG=2.22
sdW=200.3
fwW=2.18
sdS=185.1
fwS=2.35
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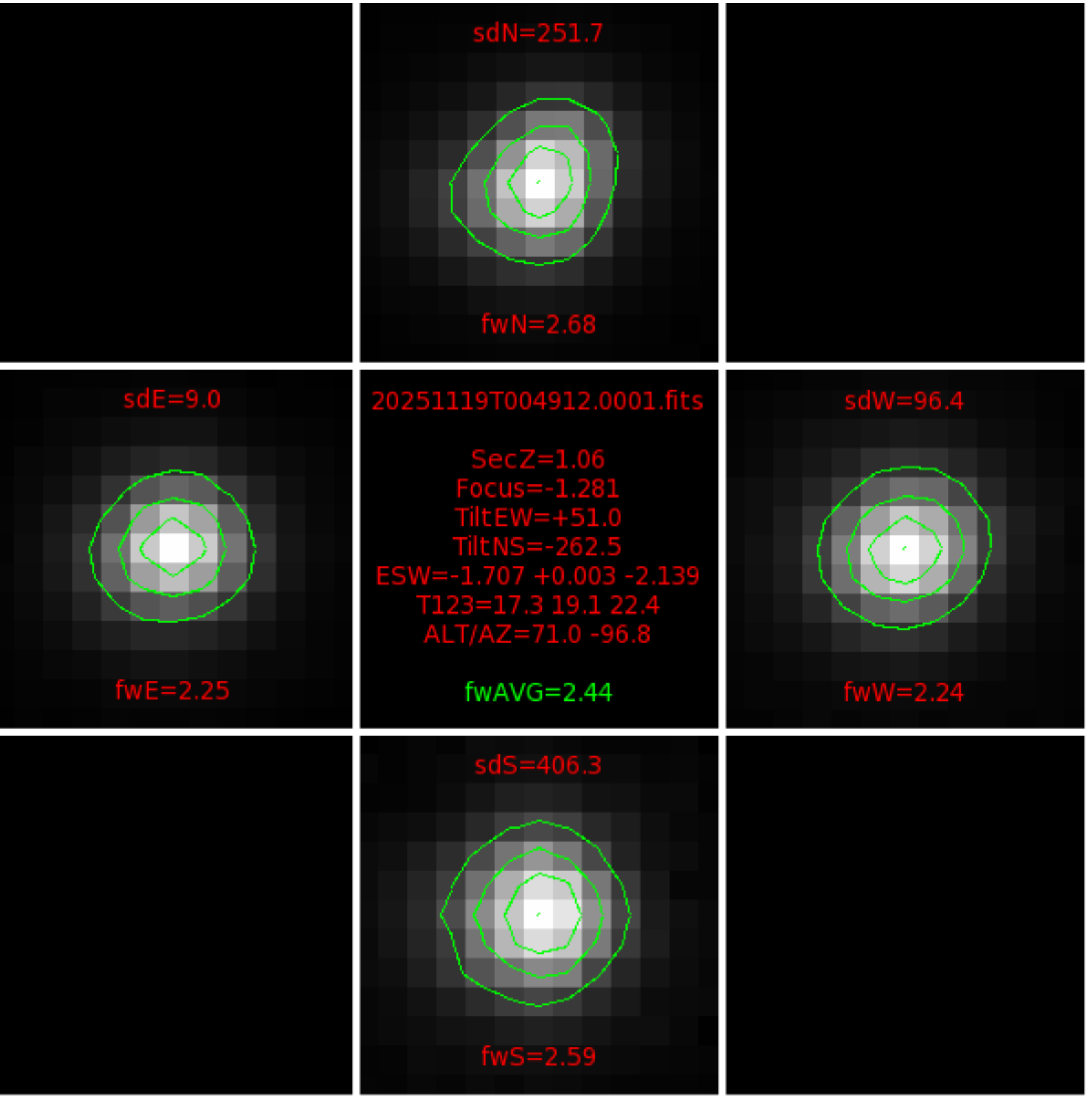
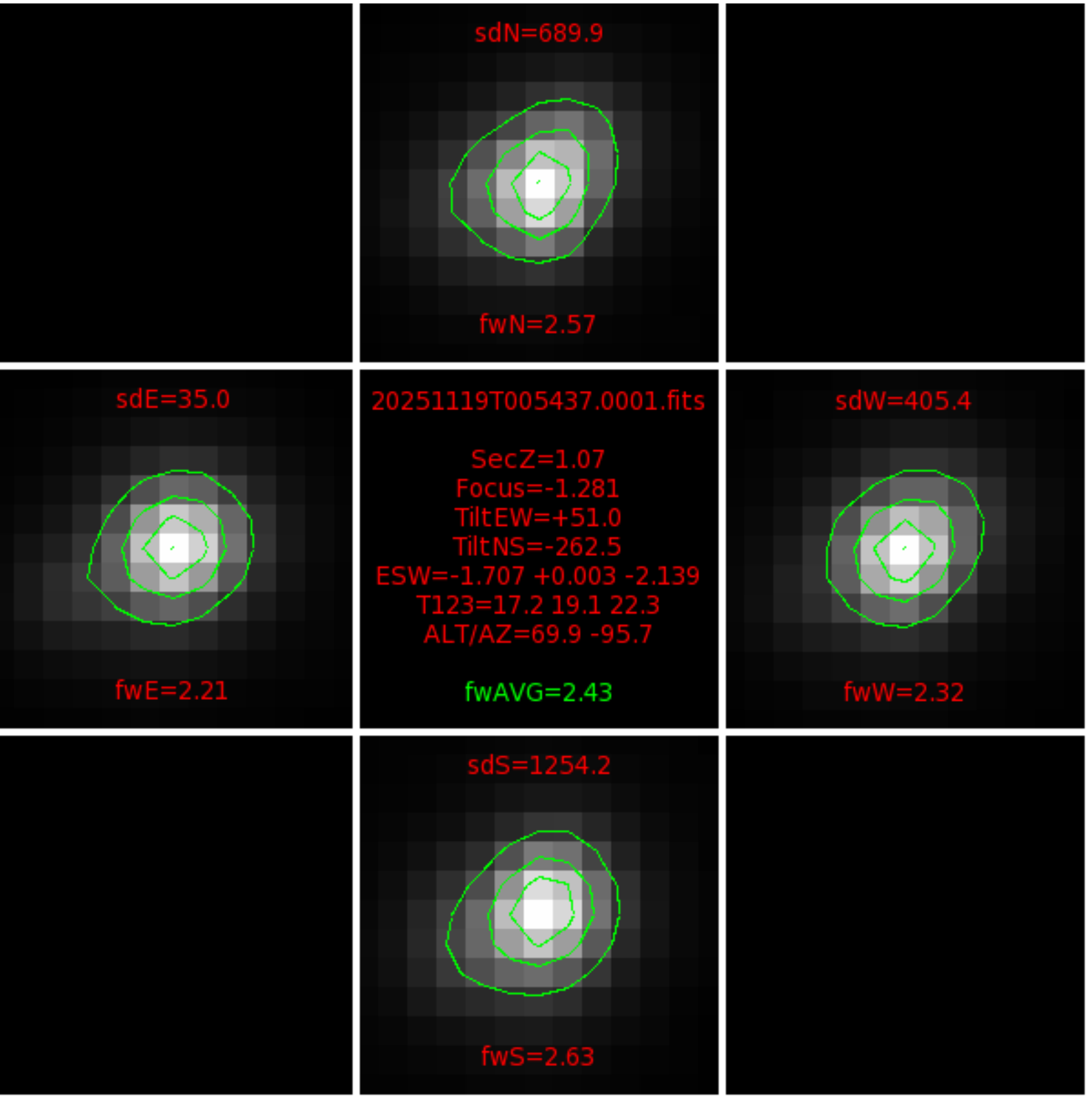
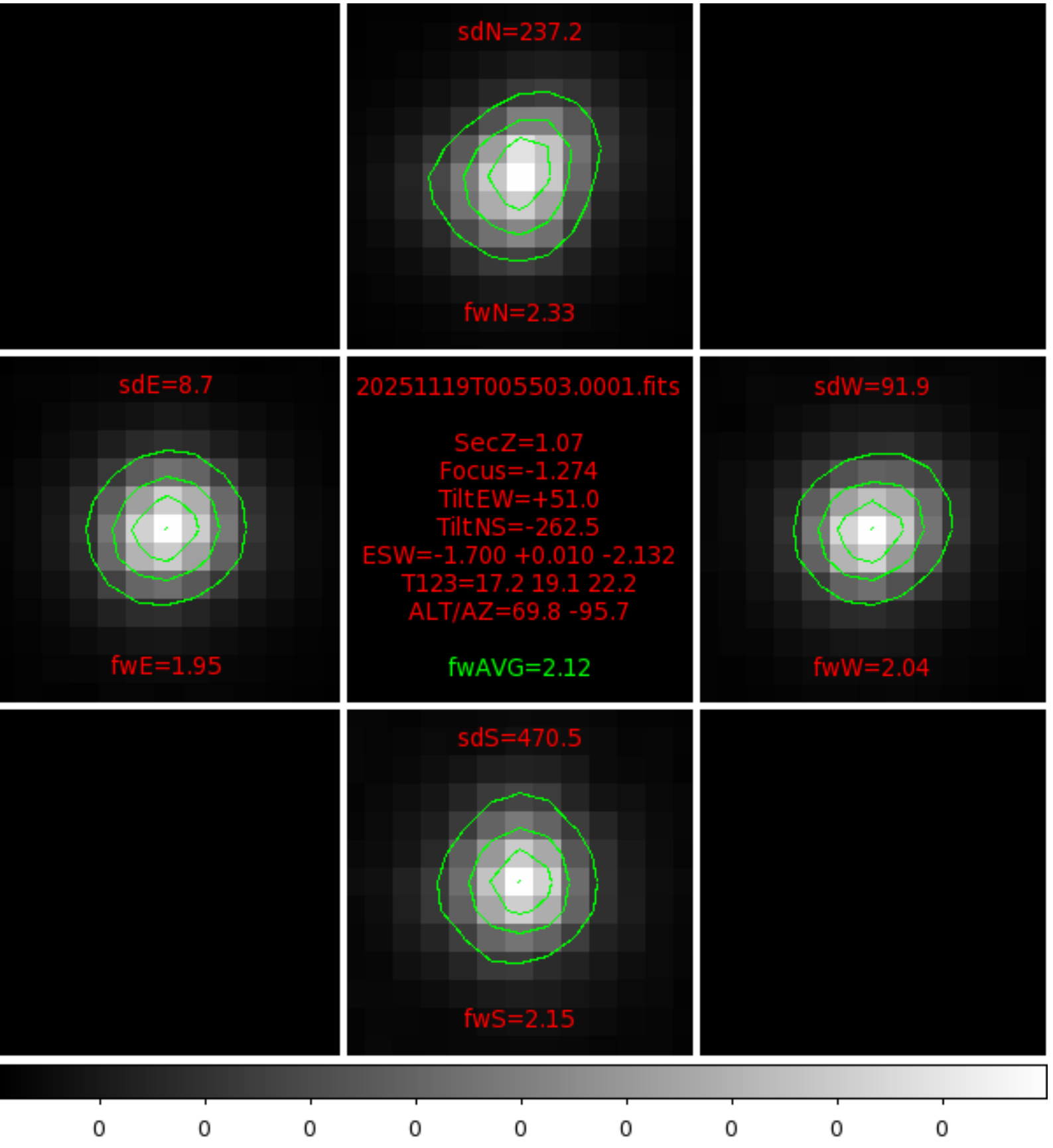

sdN=251.7
fwN=2.68
sdE=9.0
fwE=2.25
20251119T004912.0001.fits
SecZ=1.06
Focus=-1.281
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.707 +0.003 -2.139
T123=17.3 19.1 22.4
ALT/AZ=71.0 -96.8
fwAVG=2.44
sdW=96.4
fwW=2.24
sdS=406.3
fwS=2.59
0 0 0 0 0 0 0 0 0


sdN=689.9
fwN=2.57
sdE=35.0
fwE=2.21
20251119T005437.0001.fits
SecZ=1.07
Focus=-1.281
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.707 +0.003 -2.139
T123=17.2 19.1 22.3
ALT/AZ=69.9 -95.7
fwAVG=2.43
sdW=405.4
fwW=2.32
sdS=1254.2
fwS=2.63
0 0 0 0 0 0 0 0 0


sdN=237.2
fwN=2.33
sdE=8.7
fwE=1.95
20251119T005503.0001.fits
SecZ=1.07
Focus=-1.274
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.700 +0.010 -2.132
T123=17.2 19.1 22.2
ALT/AZ=69.8 -95.7
fwAVG=2.12
sdW=91.9
fwW=2.04
sdS=470.5
fwS=2.15
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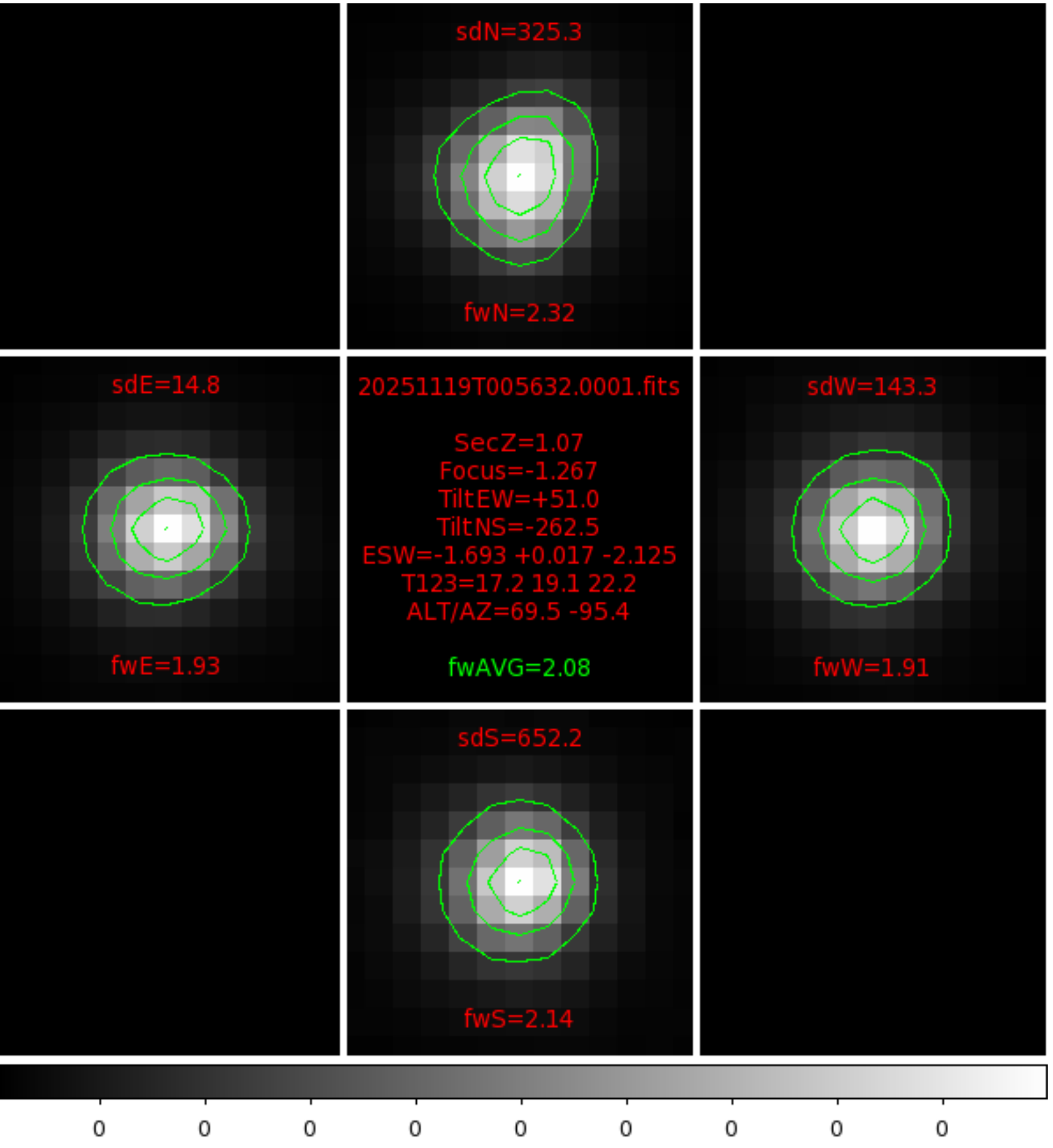
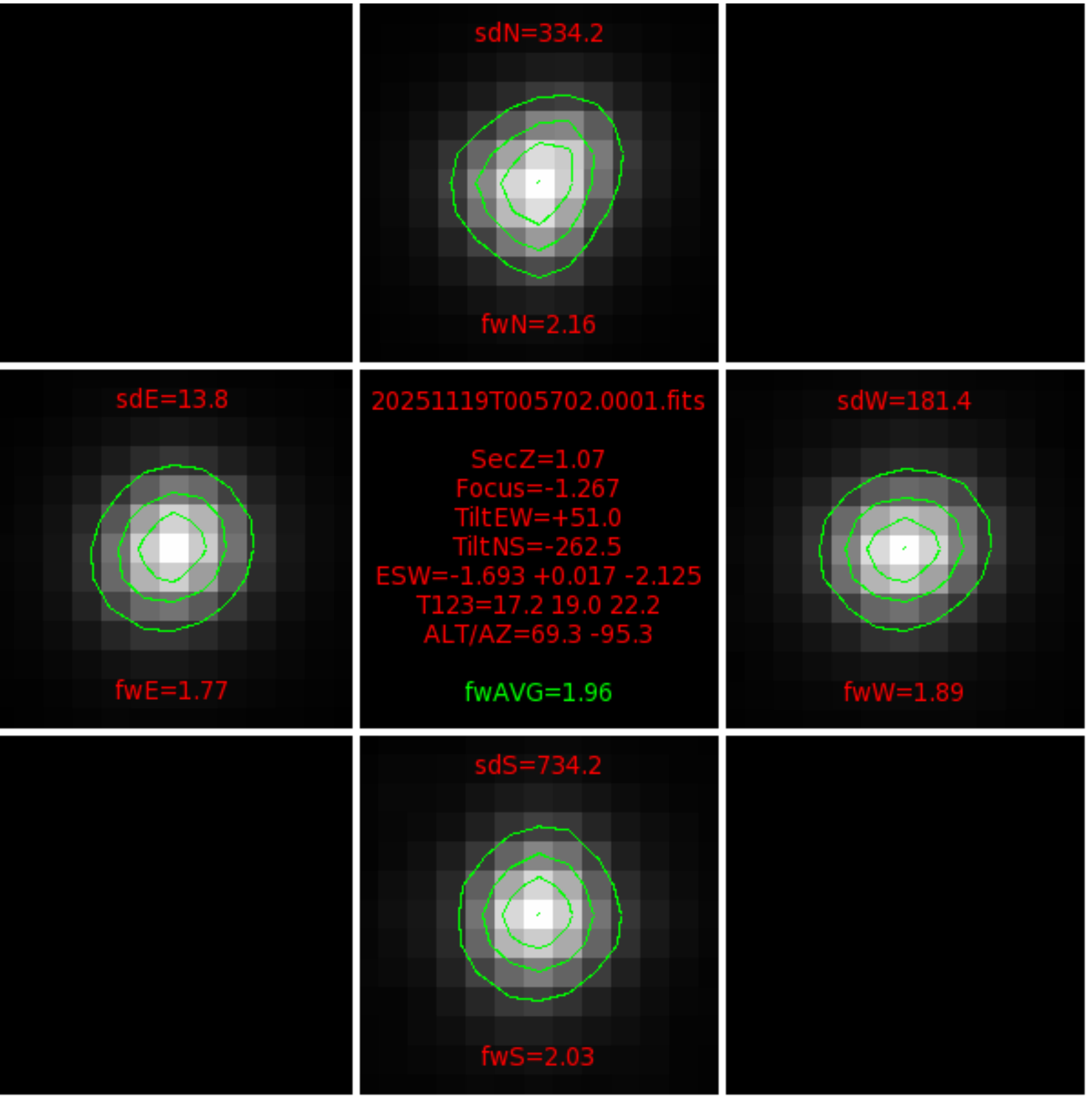

sdN=325.3
fwN=2.32
sdE=14.8
fwE=1.93
20251119T005632.0001.fits
SecZ=1.07
Focus=-1.267
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.693 +0.017 -2.125
T123=17.2 19.1 22.2
ALT/AZ=69.5 -95.4
fwAVG=2.08
sdW=143.3
fwW=1.91
sdS=652.2
fwS=2.14
0 0 0 0 0 0 0 0 0


sdN=334.2
fwN=2.16
sdE=13.8
fwE=1.77
20251119T005702.0001.fits
SecZ=1.07
Focus=-1.267
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.693 +0.017 -2.125
T123=17.2 19.0 22.2
ALT/AZ=69.3 -95.3
fwAVG=1.96
sdW=181.4
fwW=1.89
sdS=734.2
fwS=2.03
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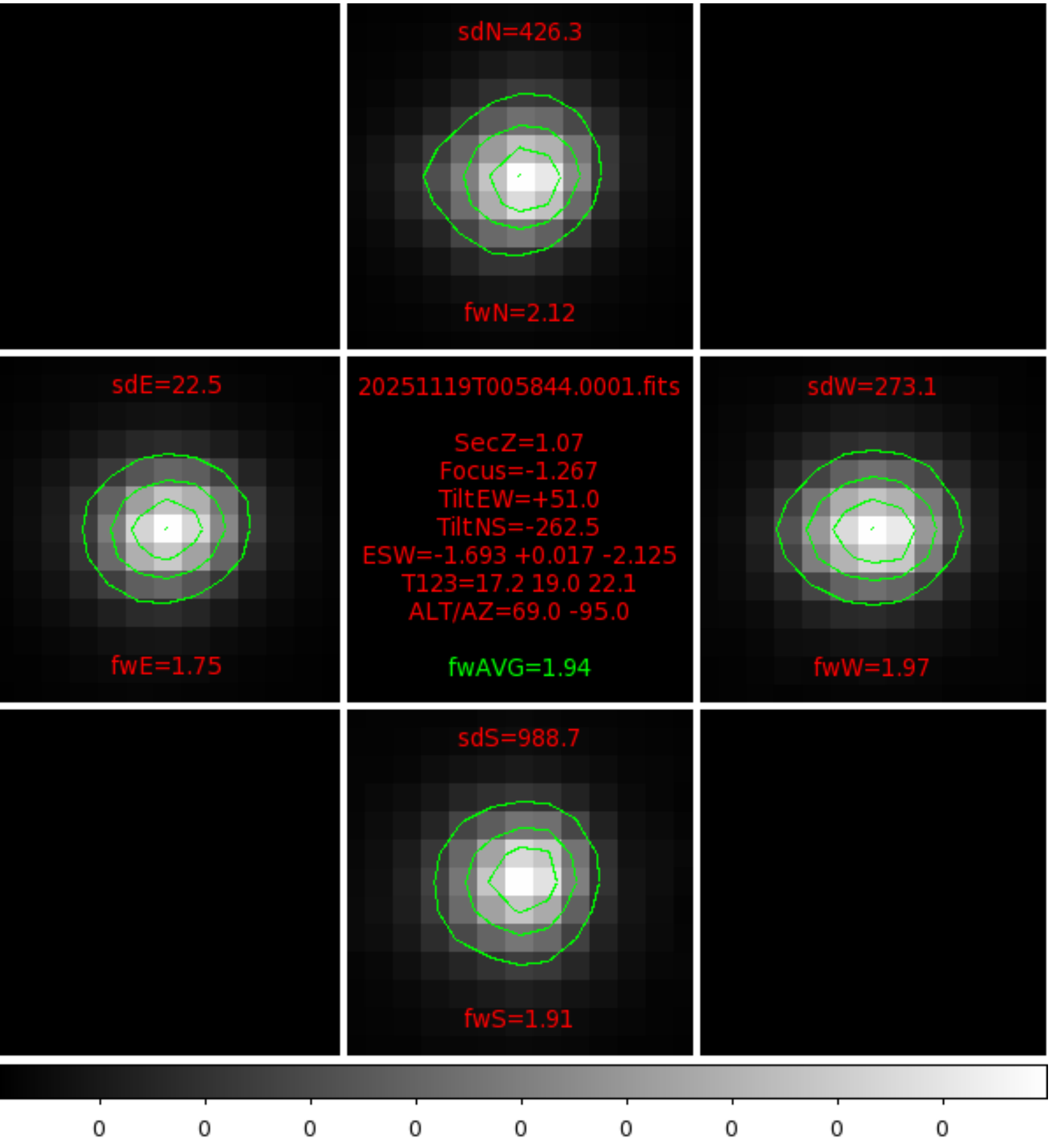
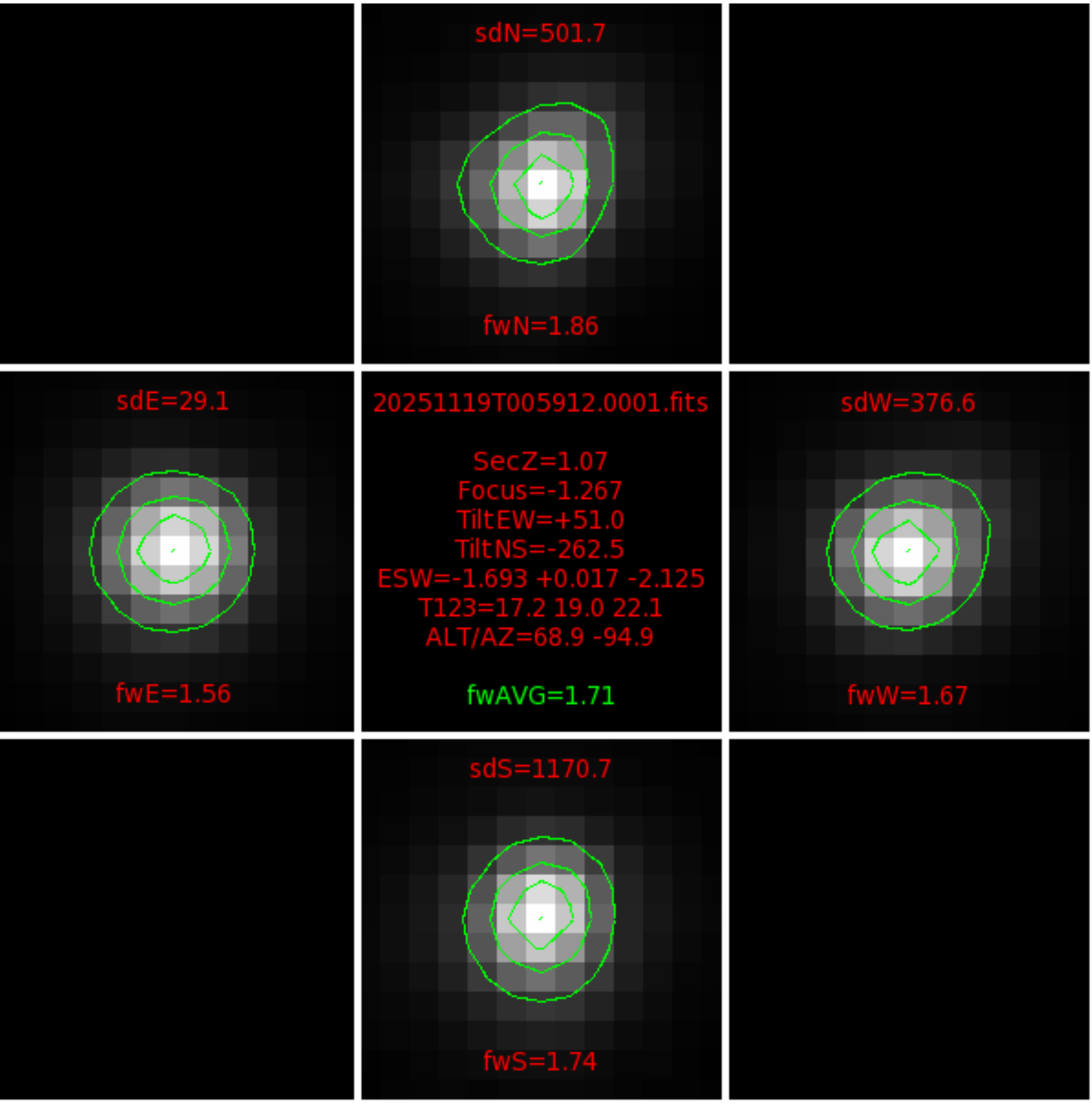

sdN=426.3
fwN=2.12
sdE=22.5
fwE=1.75
20251119T005844.0001.fits
SecZ=1.07
Focus=-1.267
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.693 +0.017 -2.125
T123=17.2 19.0 22.1
ALT/AZ=69.0 -95.0
fwAVG=1.94
sdW=273.1
fwW=1.97
sdS=988.7
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=501.7
fwN=1.86
sdE=29.1
fwE=1.56
20251119T005912.0001.fits
SecZ=1.07
Focus=-1.267
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.693 +0.017 -2.125
T123=17.2 19.0 22.1
ALT/AZ=68.9 -94.9
fwAVG=1.71
sdW=376.6
fwW=1.67
sdS=1170.7
fwS=1.74
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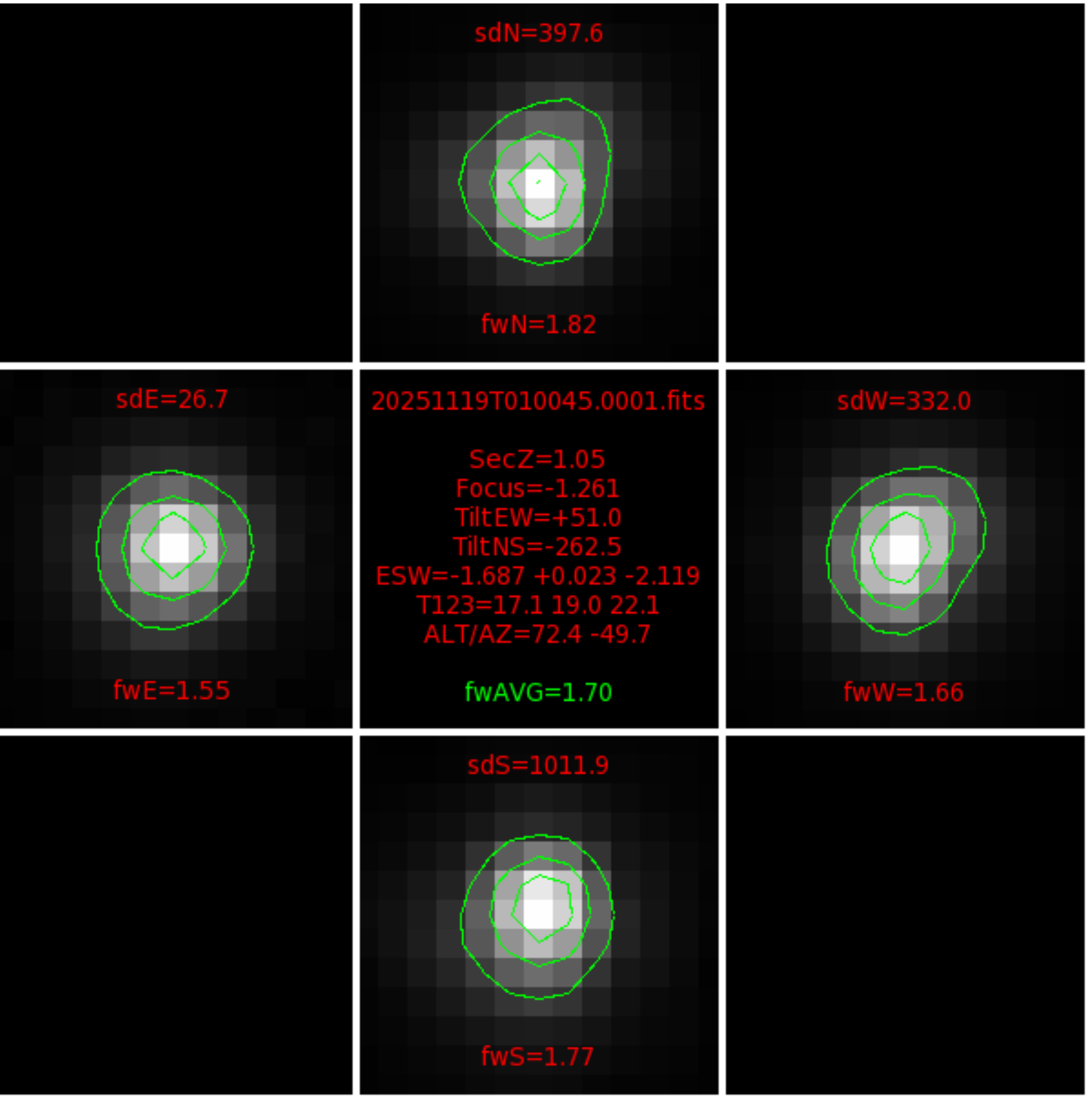
sdN=397.6
fwN=1.82
sdE=26.7
fwE=1.55
20251119T010045.0001.fits
SecZ=1.05
Focus=-1.261
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.687 +0.023 -2.119
T123=17.1 19.0 22.1
ALT/AZ=72.4 -49.7
fwAVG=1.70
sdW=332.0
fwW=1.66
sdS=1011.9
fwS=1.77
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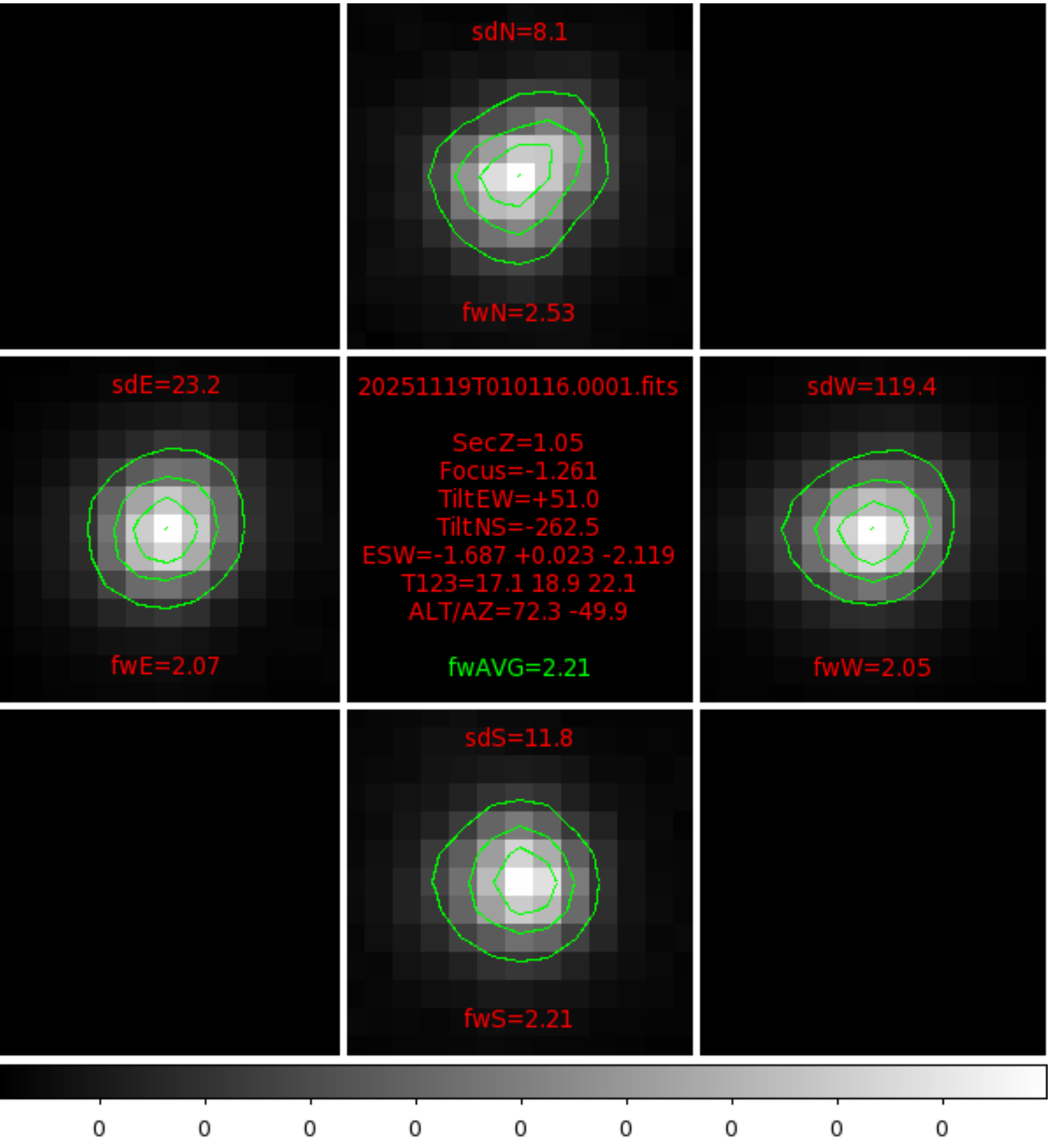
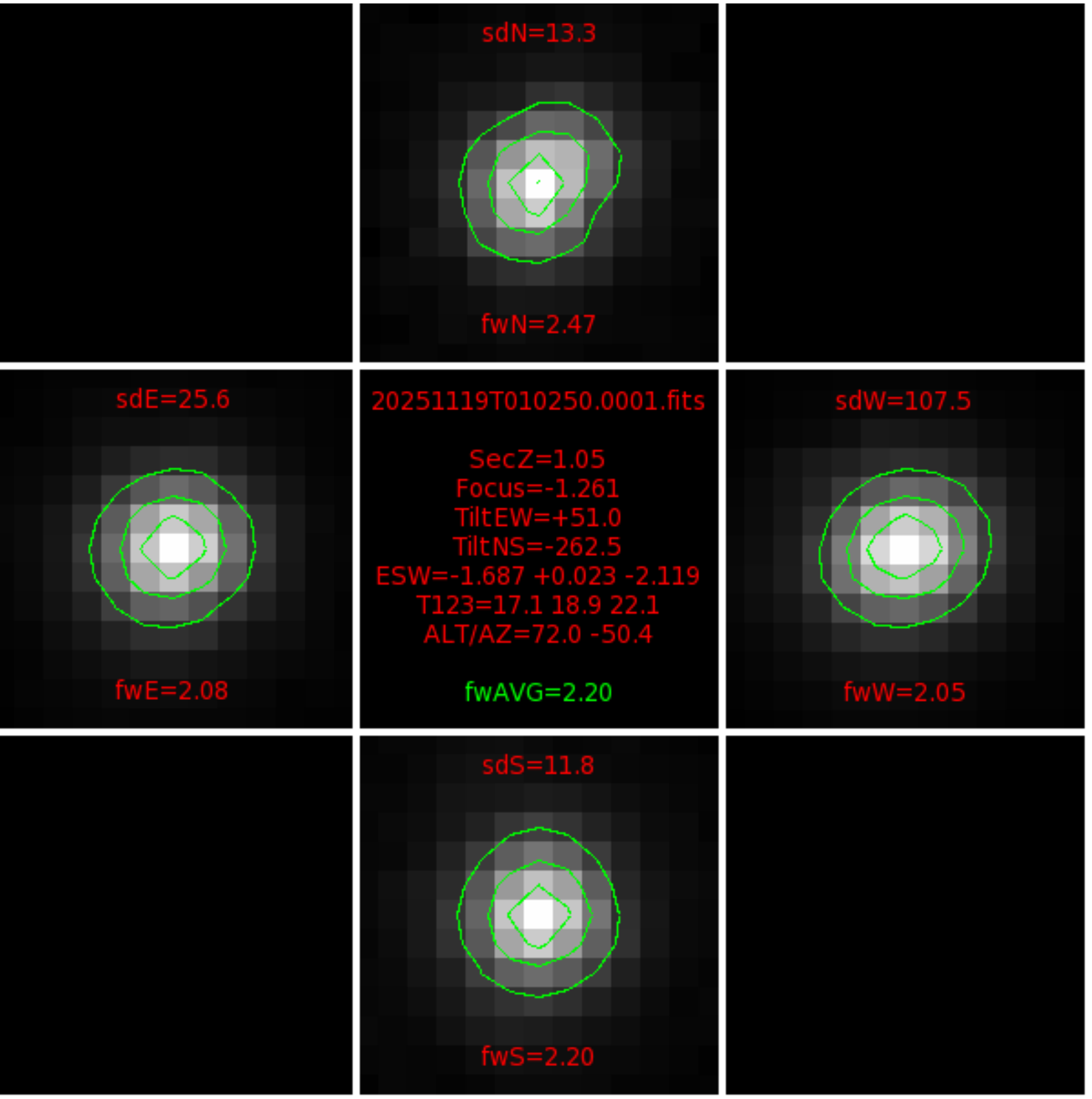
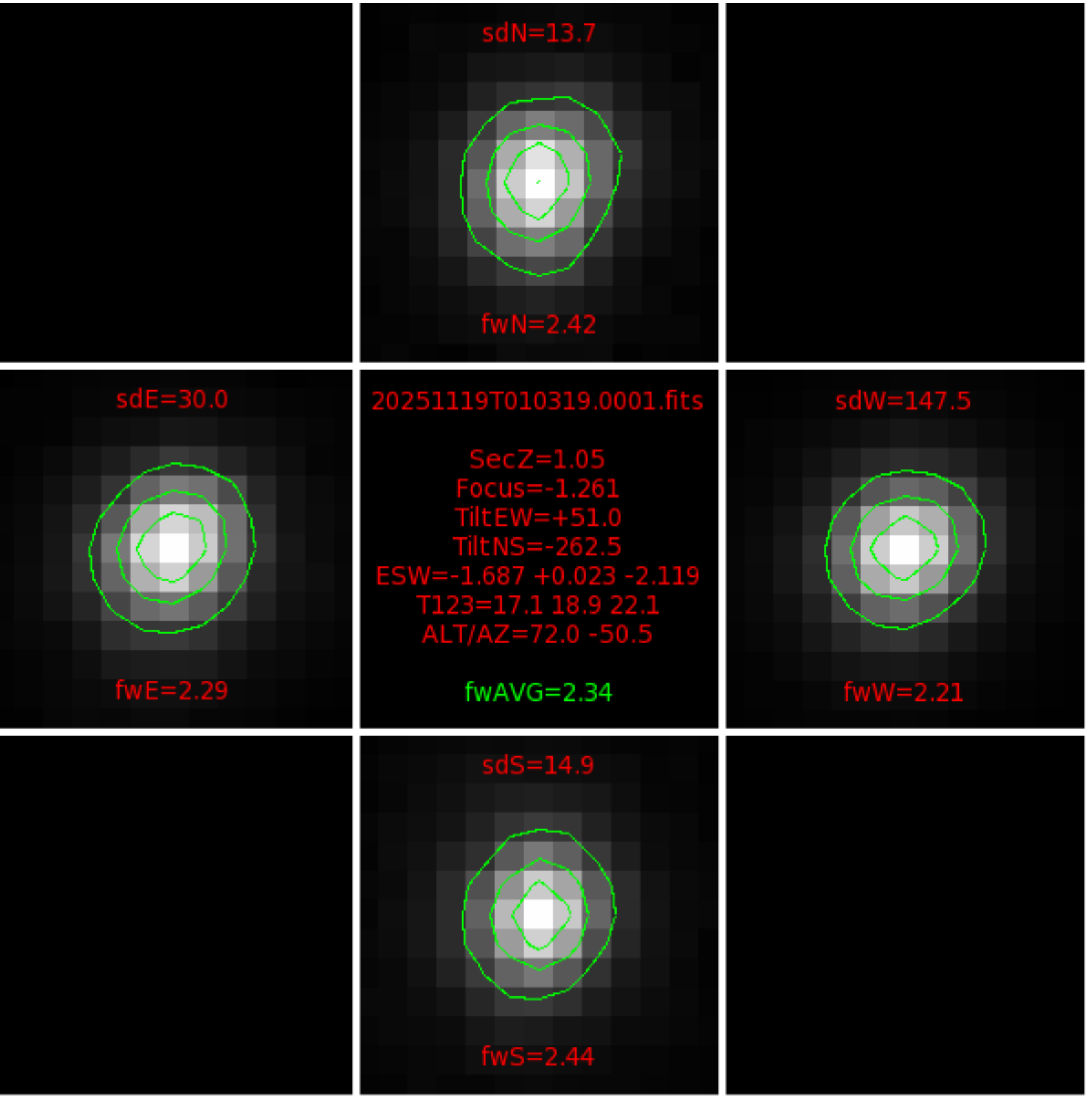

sdN=8.1
fwN=2.53
sdE=23.2
fwE=2.07
20251119T010116.0001.fits
SecZ=1.05
Focus=-1.261
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.687 +0.023 -2.119
T123=17.1 18.9 22.1
ALT/AZ=72.3 -49.9
fwAVG=2.21
sdW=119.4
fwW=2.05
sdS=11.8
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=13.3
fwN=2.47
sdE=25.6
fwE=2.08
20251119T010250.0001.fits
SecZ=1.05
Focus=-1.261
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.687 +0.023 -2.119
T123=17.1 18.9 22.1
ALT/AZ=72.0 -50.4
fwAVG=2.20
sdW=107.5
fwW=2.05
sdS=11.8
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=13.7
fwN=2.42
sdE=30.0
fwE=2.29
20251119T010319.0001.fits
SecZ=1.05
Focus=-1.261
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.687 +0.023 -2.119
T123=17.1 18.9 22.1
ALT/AZ=72.0 -50.5
fwAVG=2.34
sdW=147.5
fwW=2.21
sdS=14.9
fwS=2.44
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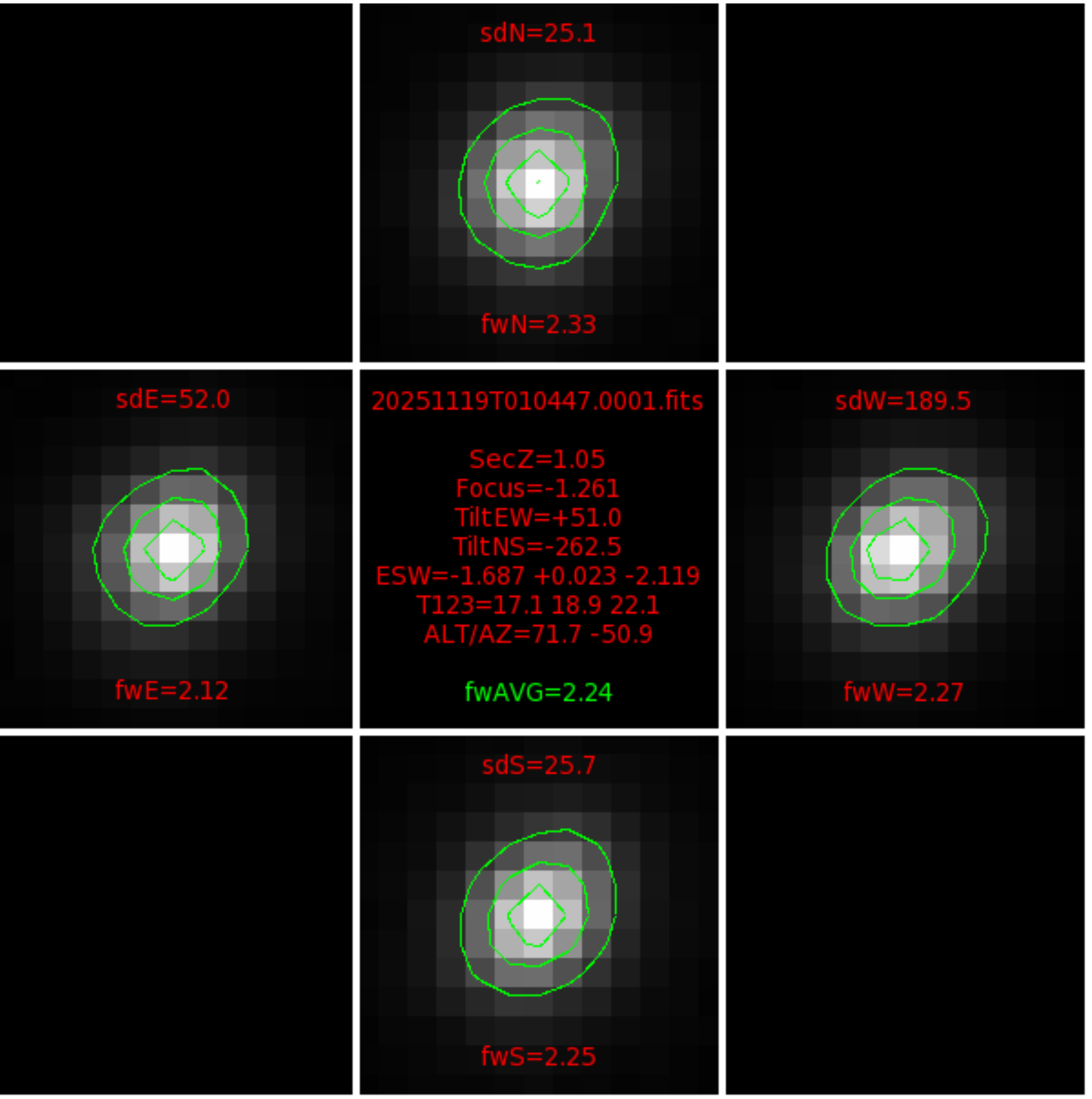
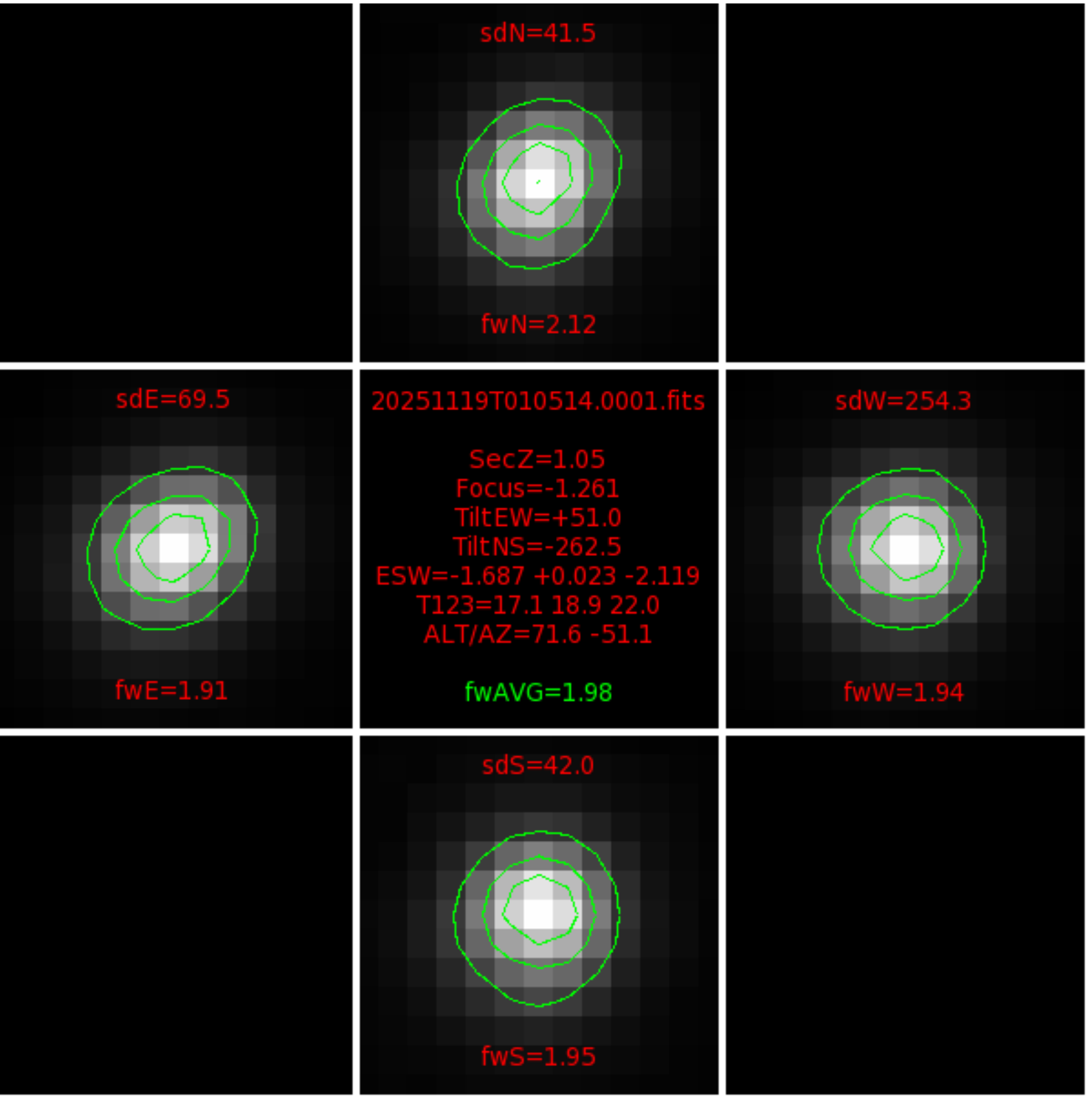
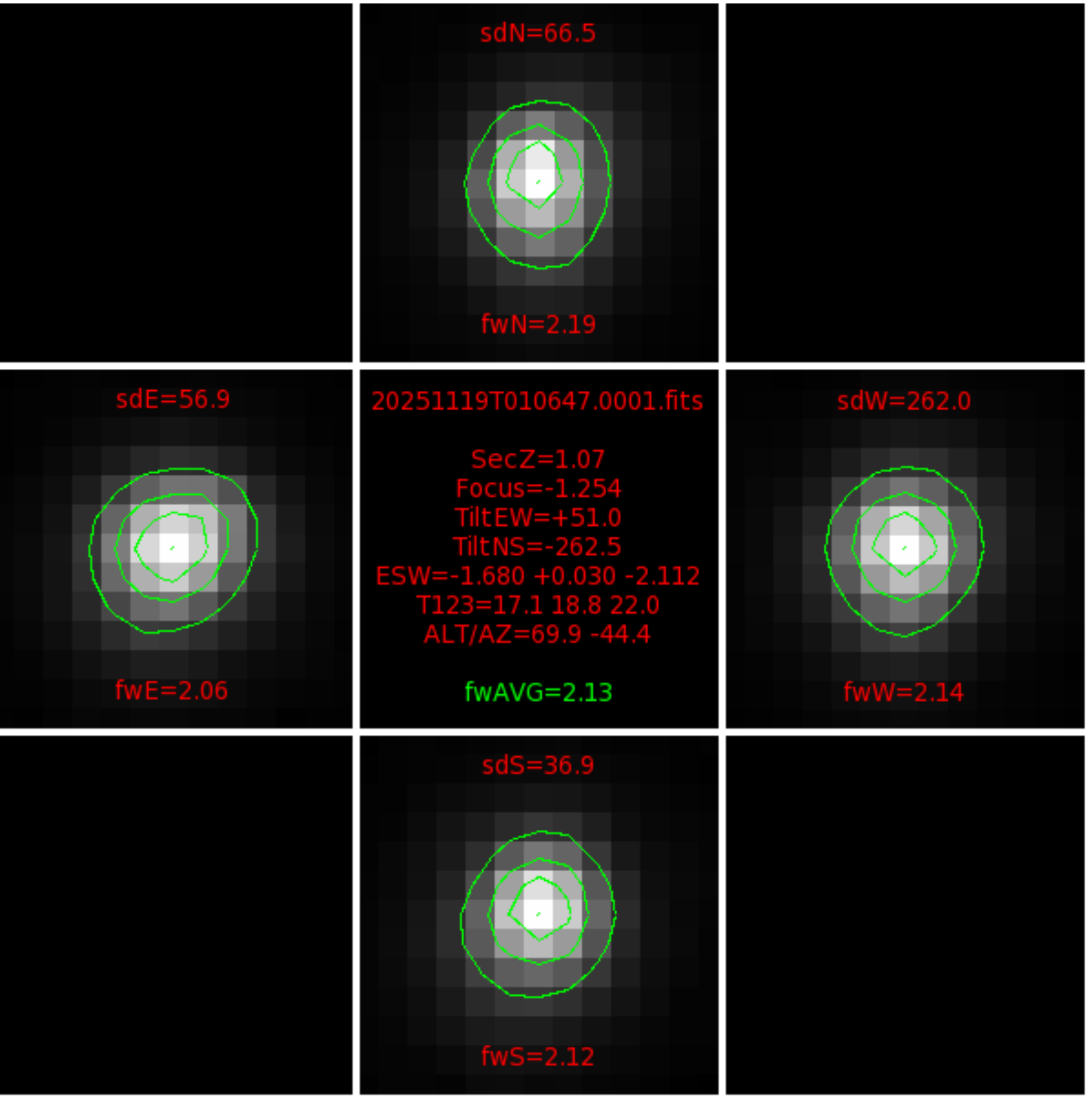

sdN=25.1
fwN=2.33
sdE=52.0
fwE=2.12
20251119T010447.0001.fits
SecZ=1.05
Focus=-1.261
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.687 +0.023 -2.119
T123=17.1 18.9 22.1
ALT/AZ=71.7 -50.9
fwAVG=2.24
sdW=189.5
fwW=2.27
sdS=25.7
fwS=2.25
0 0 0 0 0 0 0 0 0


sdN=41.5
fwN=2.12
sdE=69.5
fwE=1.91
20251119T010514.0001.fits
SecZ=1.05
Focus=-1.261
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.687 +0.023 -2.119
T123=17.1 18.9 22.0
ALT/AZ=71.6 -51.1
fwAVG=1.98
sdW=254.3
fwW=1.94
sdS=42.0
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=66.5
fwN=2.19
sdE=56.9
fwE=2.06
20251119T010647.0001.fits
SecZ=1.07
Focus=-1.254
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.680 +0.030 -2.112
T123=17.1 18.8 22.0
ALT/AZ=69.9 -44.4
fwAVG=2.13
sdW=262.0
fwW=2.14
sdS=36.9
fwS=2.12
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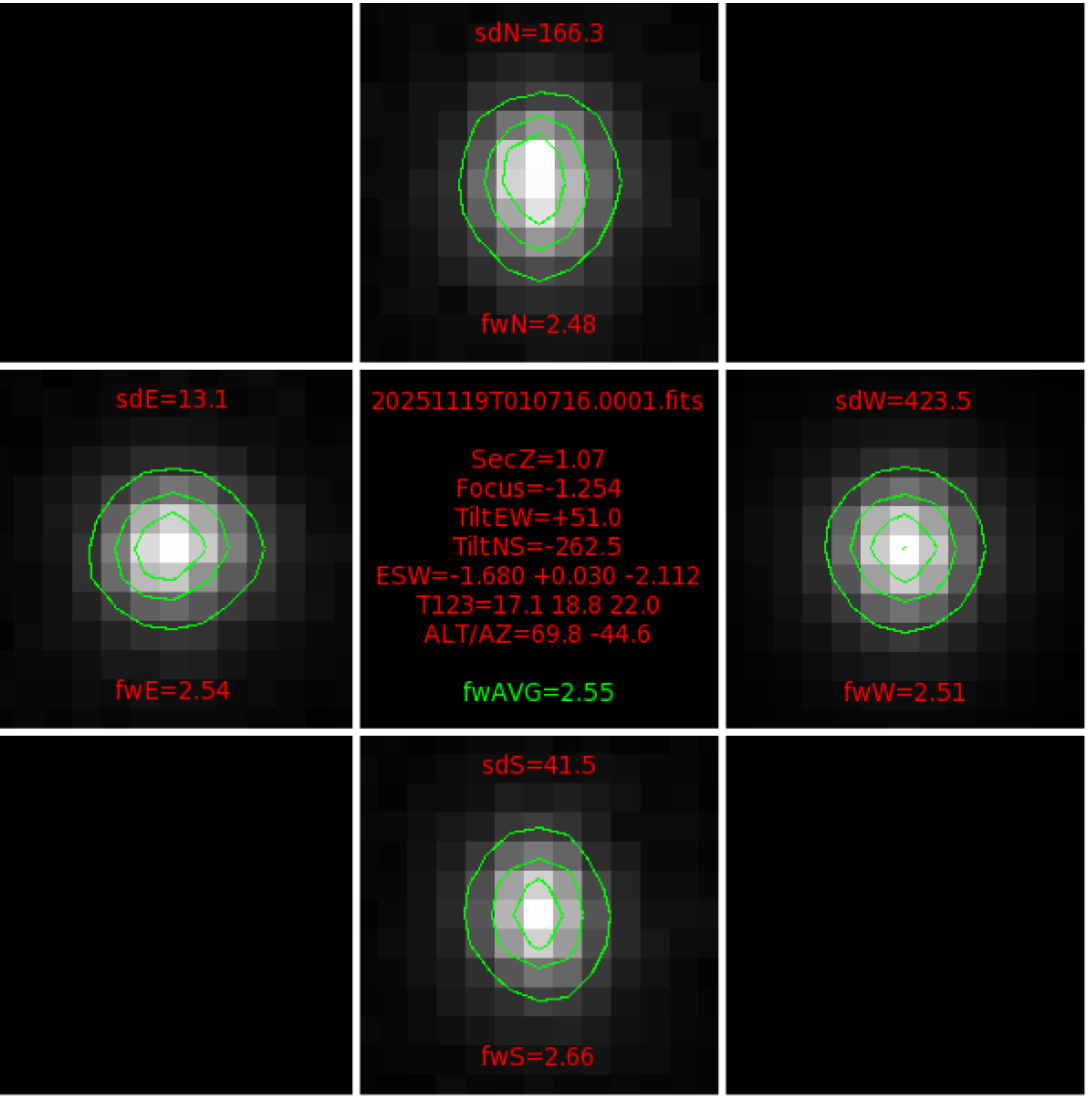
sdN=166.3
fwN=2.48
sdE=13.1
fwE=2.54
20251119T010716.0001.fits
SecZ=1.07
Focus=-1.254
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.680 +0.030 -2.112
T123=17.1 18.8 22.0
ALT/AZ=69.8 -44.6
fwAVG=2.55
sdW=423.5
fwW=2.51
sdS=41.5
fwS=2.66
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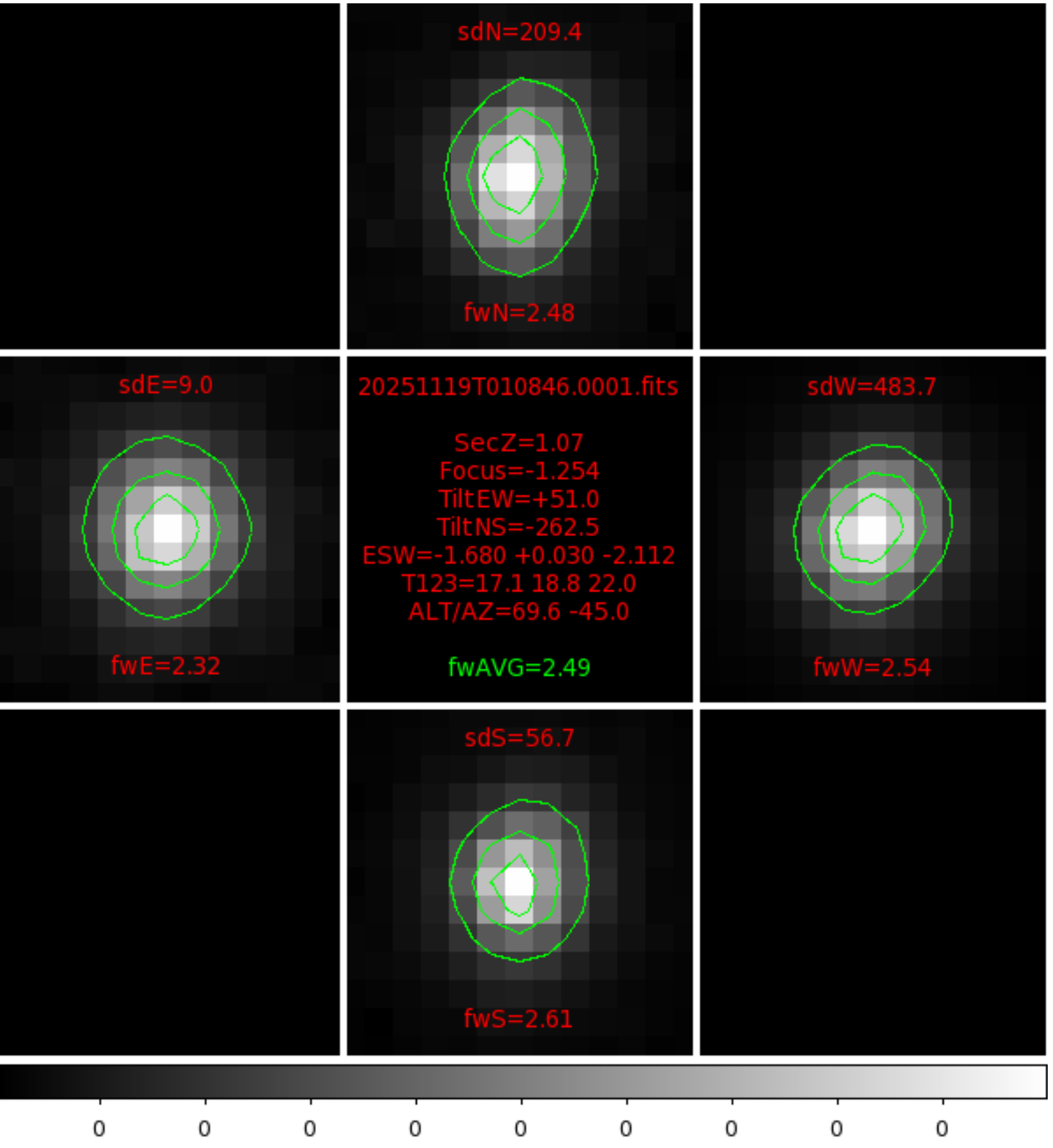
sdN=209.4
fwN=2.48
sdE=9.0
fwE=2.32
20251119T010846.0001.fits
SecZ=1.07
Focus=-1.254
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.680 +0.030 -2.112
T123=17.1 18.8 22.0
ALT/AZ=69.6 -45.0
fwAVG=2.49
sdW=483.7
fwW=2.54
sdS=56.7
fwS=2.61
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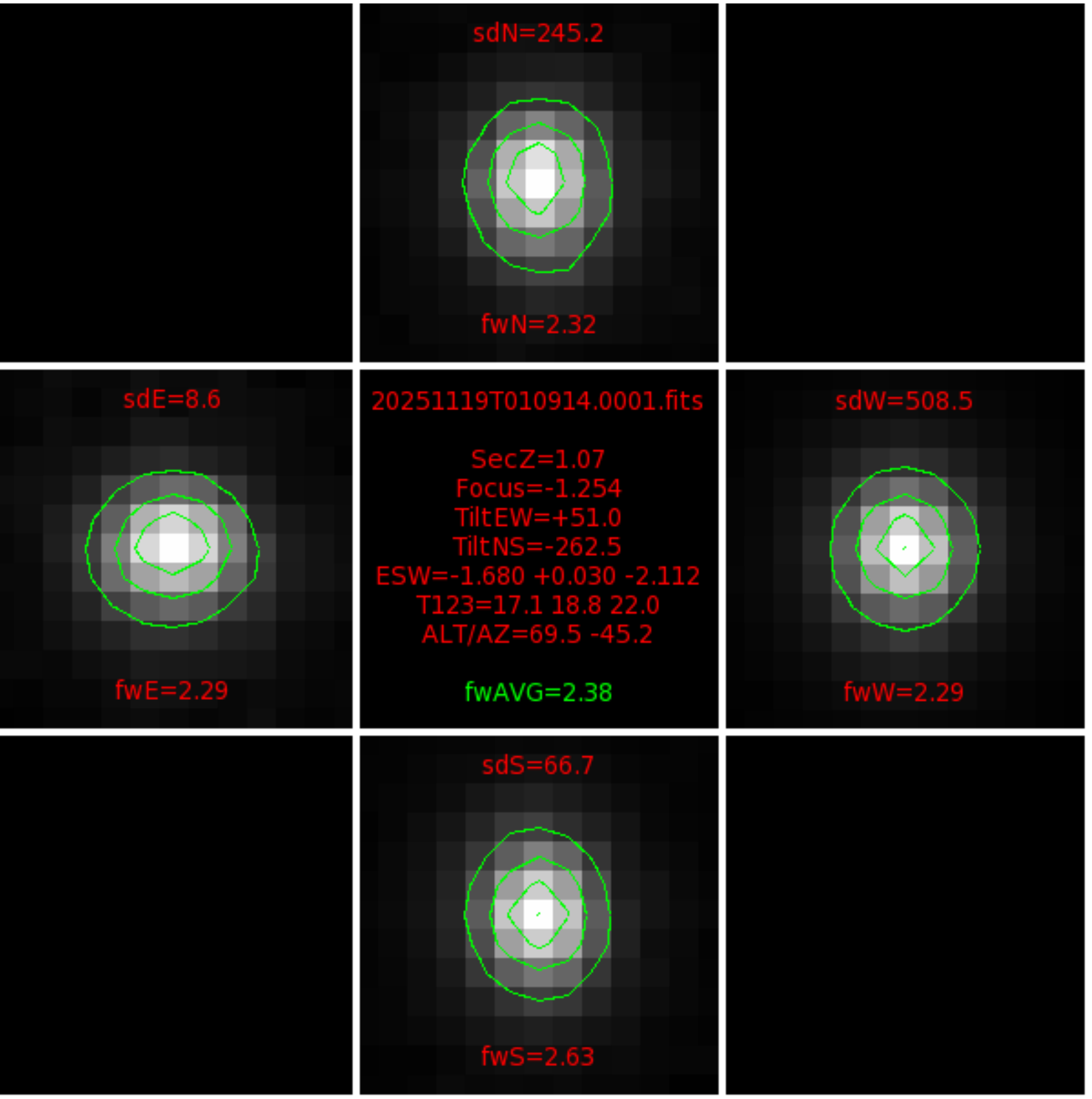
sdN=245.2
fwN=2.32
sdE=8.6
fwE=2.29
20251119T010914.0001.fits
SecZ=1.07
Focus=-1.254
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.680 +0.030 -2.112
T123=17.1 18.8 22.0
ALT/AZ=69.5 -45.2
fwAVG=2.38
sdW=508.5
fwW=2.29
sdS=66.7
fwS=2.63
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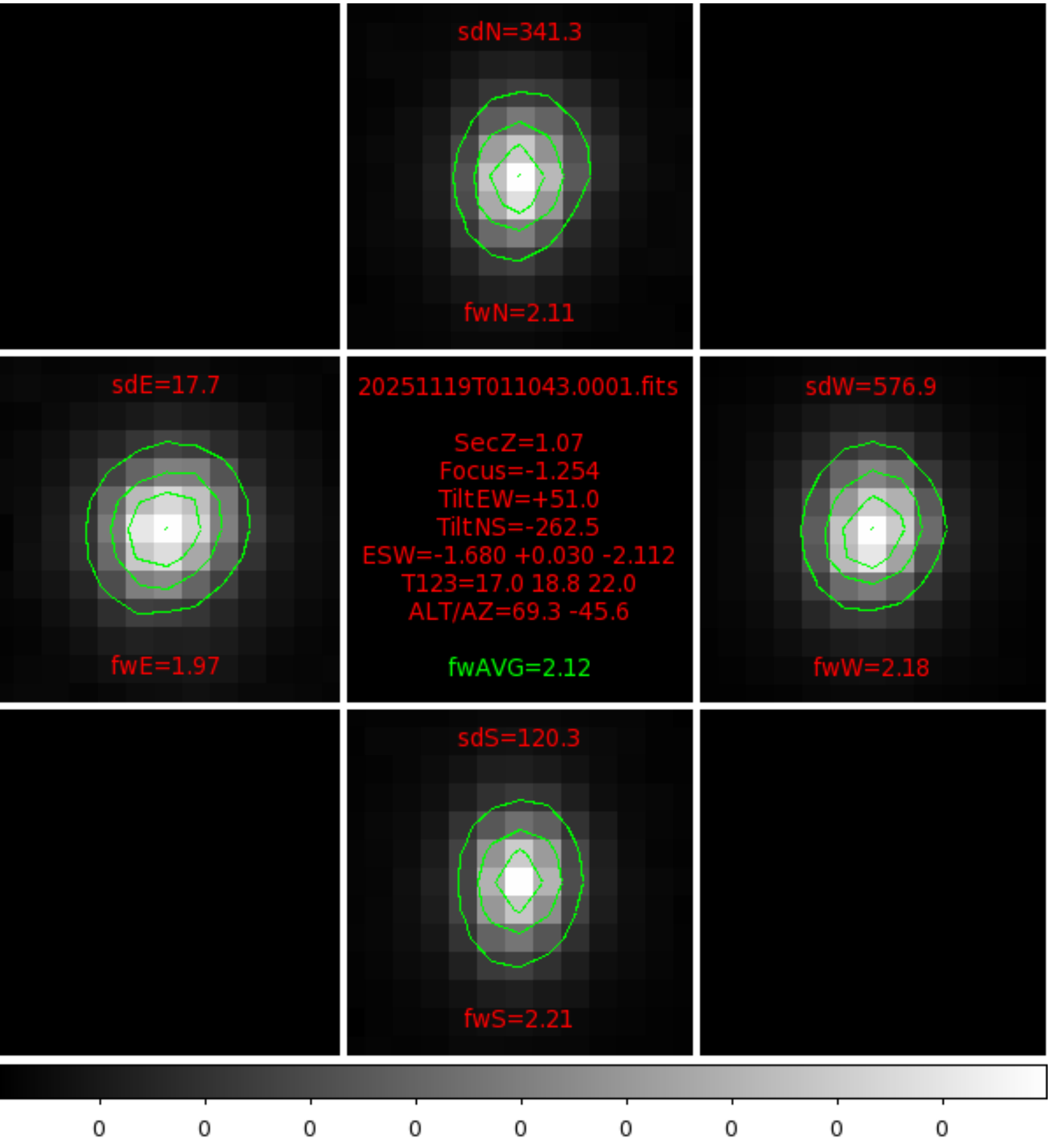
sdN=341.3
fwN=2.11
sdE=17.7
fwE=1.97
20251119T011043.0001.fits
SecZ=1.07
Focus=-1.254
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.680 +0.030 -2.112
T123=17.0 18.8 22.0
ALT/AZ=69.3 -45.6
fwAVG=2.12
sdW=576.9
fwW=2.18
sdS=120.3
fwS=2.21
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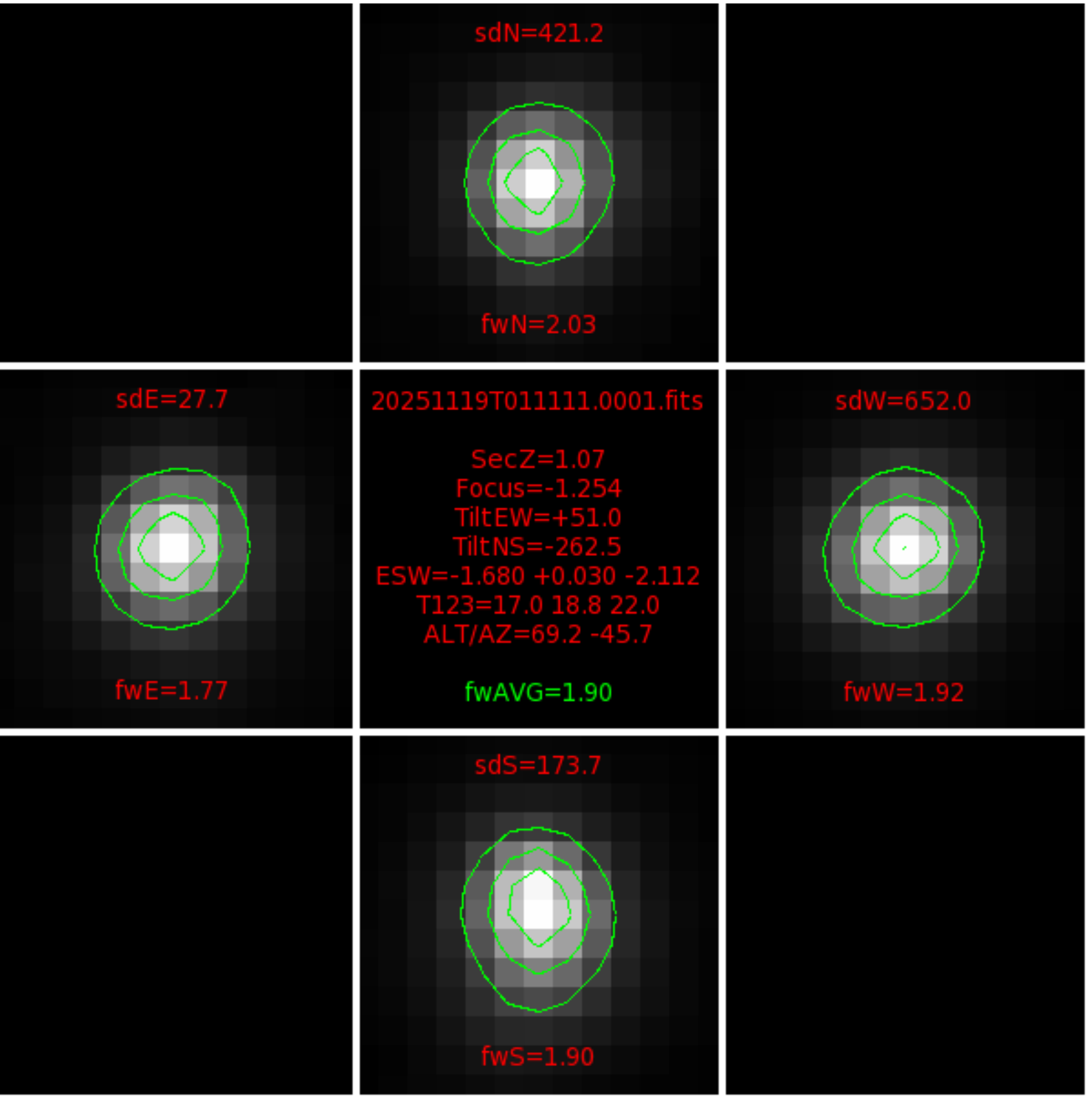
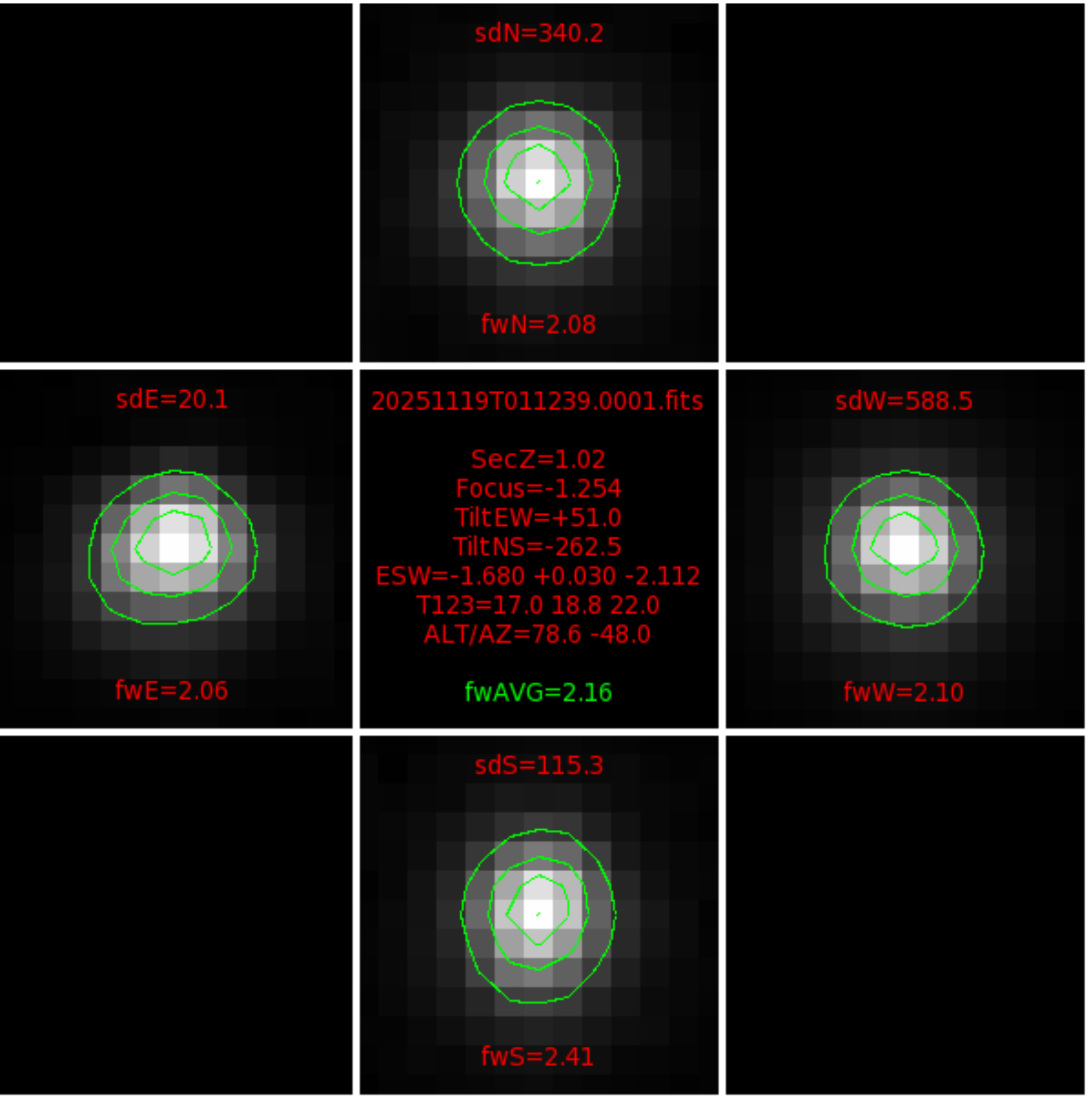
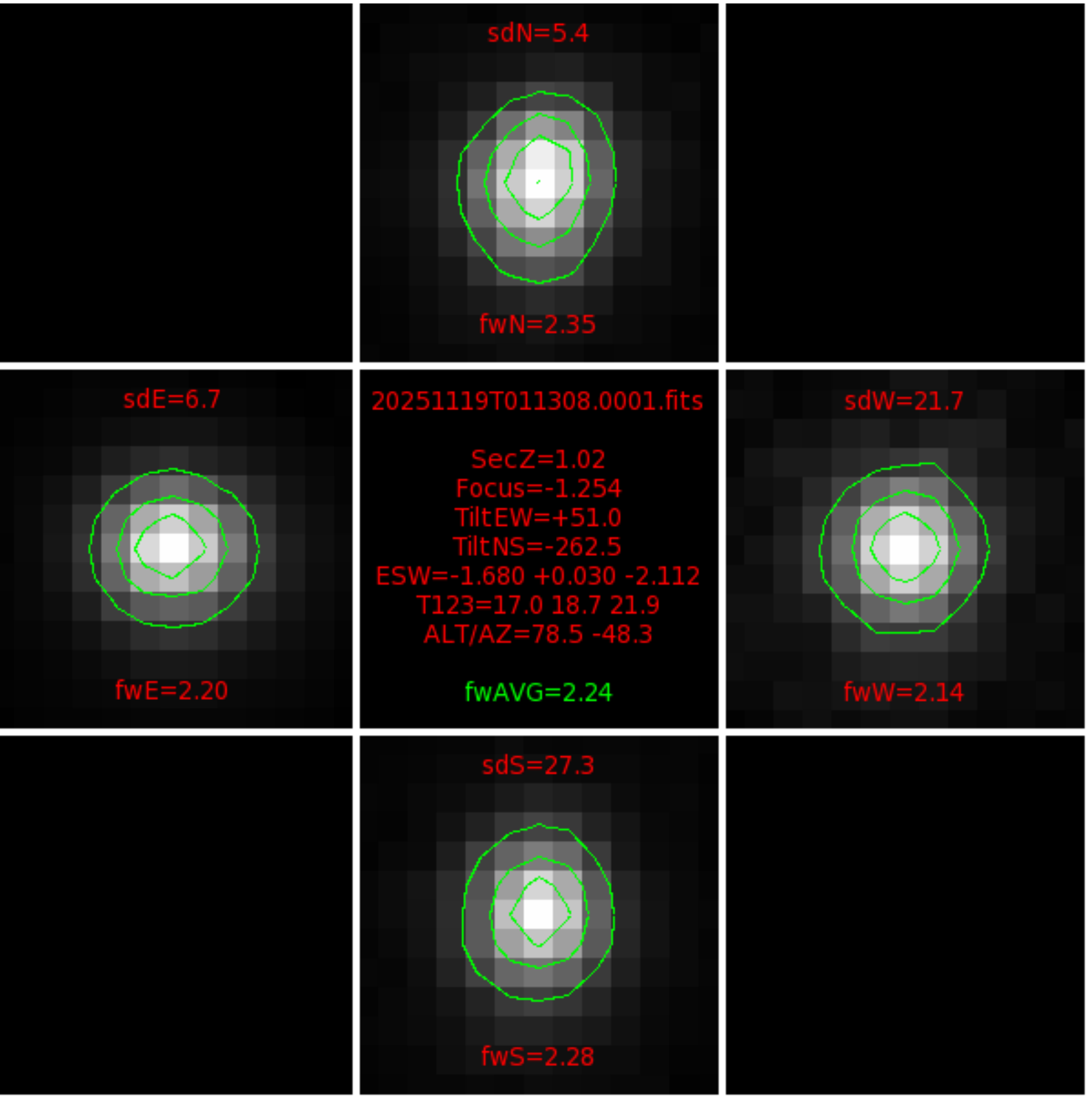

sdN=421.2
fwN=2.03
sdE=27.7
fwE=1.77
20251119T011111.0001.fits
SecZ=1.07
Focus=-1.254
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.680 +0.030 -2.112
T123=17.0 18.8 22.0
ALT/AZ=69.2 -45.7
fwAVG=1.90
sdW=652.0
fwW=1.92
sdS=173.7
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=340.2
fwN=2.08
sdE=20.1
fwE=2.06
20251119T011239.0001.fits
SecZ=1.02
Focus=-1.254
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.680 +0.030 -2.112
T123=17.0 18.8 22.0
ALT/AZ=78.6 -48.0
fwAVG=2.16
sdW=588.5
fwW=2.10
sdS=115.3
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=5.4
fwN=2.35
sdE=6.7
fwE=2.20
20251119T011308.0001.fits
SecZ=1.02
Focus=-1.254
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.680 +0.030 -2.112
T123=17.0 18.7 21.9
ALT/AZ=78.5 -48.3
fwAVG=2.24
sdW=21.7
fwW=2.14
sdS=27.3
fwS=2.28
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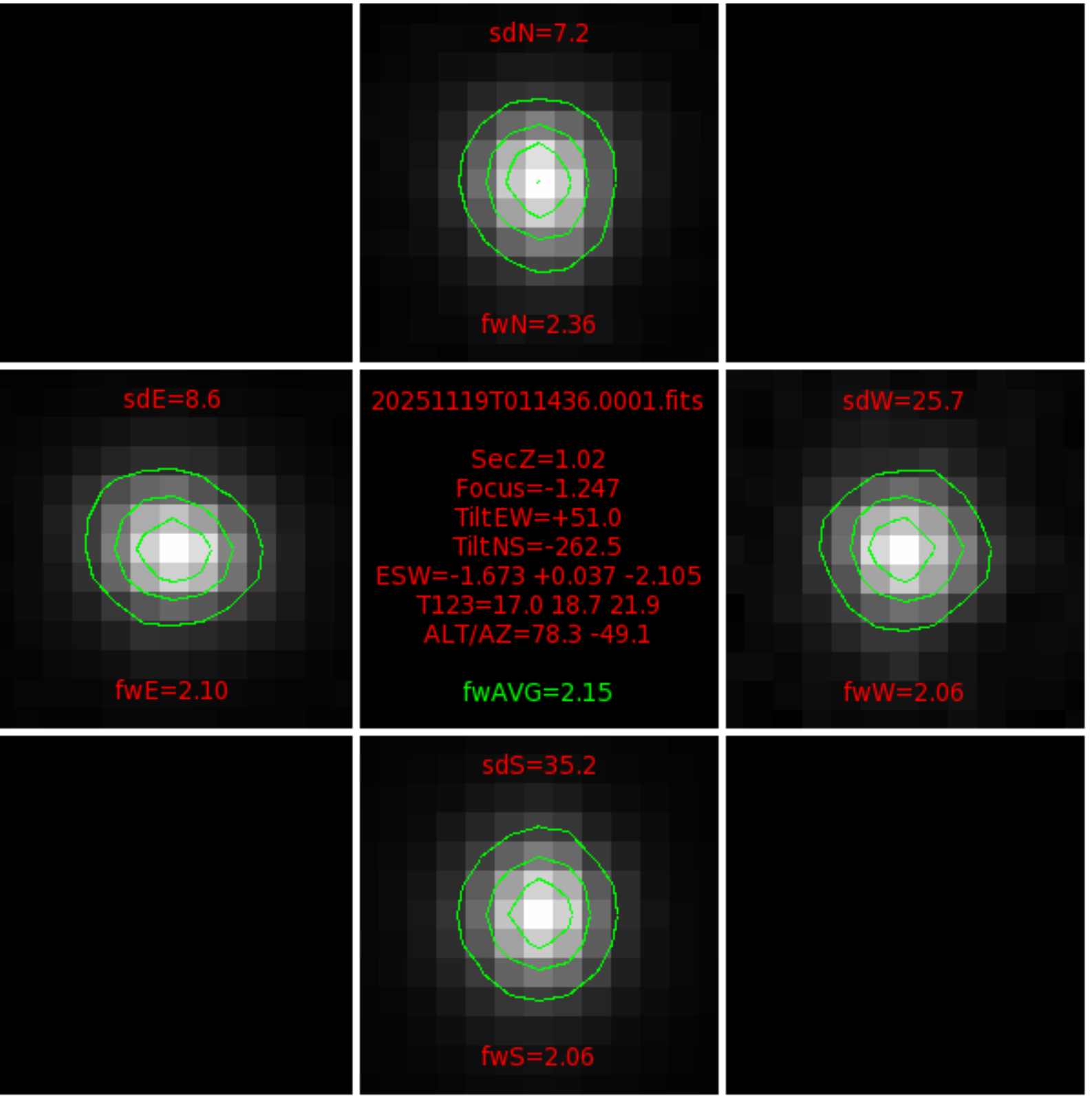
sdN=7.2
fwN=2.36
sdE=8.6
fwE=2.10
20251119T011436.0001.fits
SecZ=1.02
Focus=-1.247
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.673 +0.037 -2.105
T123=17.0 18.7 21.9
ALT/AZ=78.3 -49.1
fwAVG=2.15
sdW=25.7
fwW=2.06
sdS=35.2
fwS=2.06
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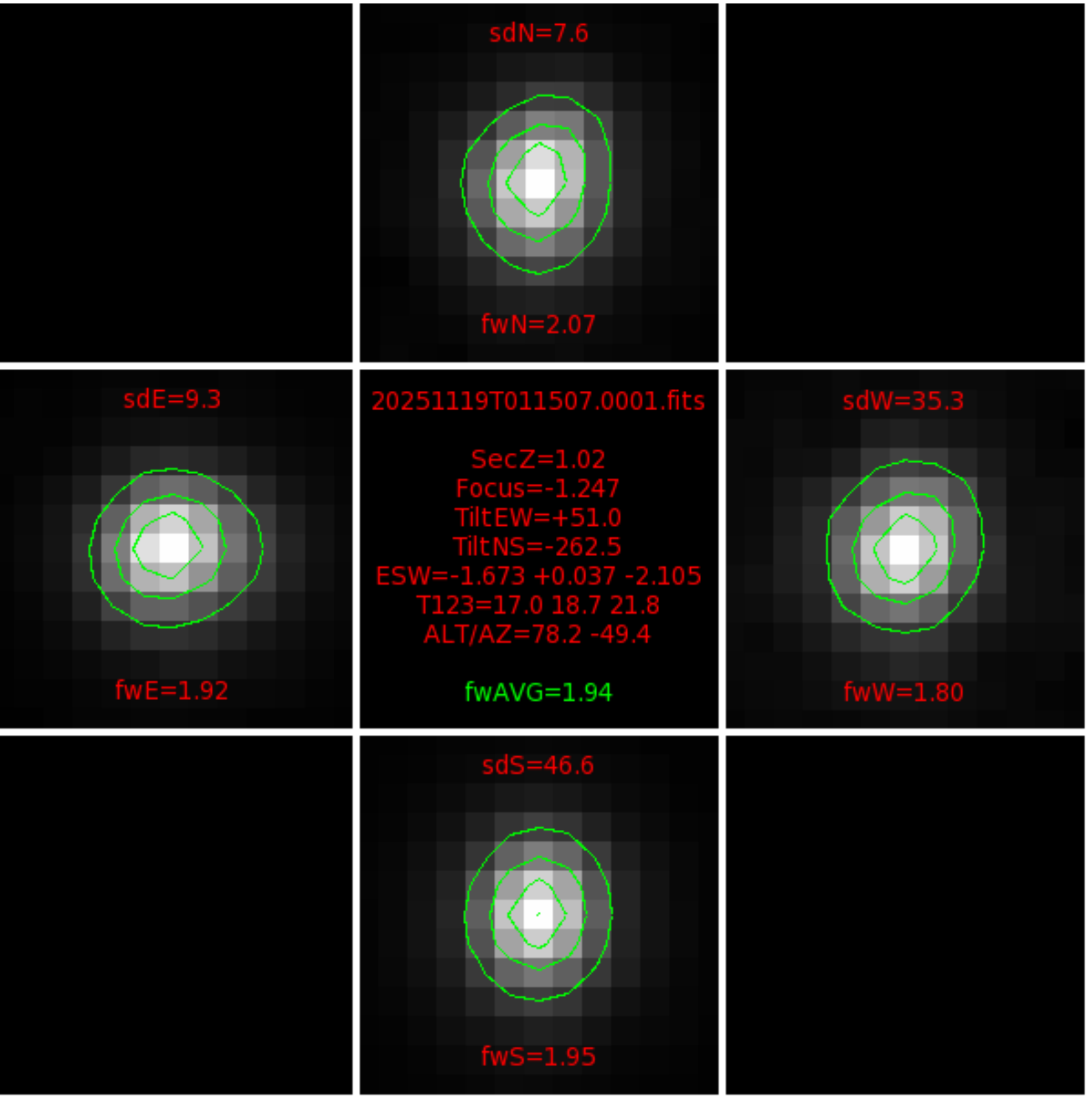
sdN=7.6
fwN=2.07
sdE=9.3
fwE=1.92
20251119T011507.0001.fits
SecZ=1.02
Focus=-1.247
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.673 +0.037 -2.105
T123=17.0 18.7 21.8
ALT/AZ=78.2 -49.4
fwAVG=1.94
sdW=35.3
fwW=1.80
sdS=46.6
fwS=1.95
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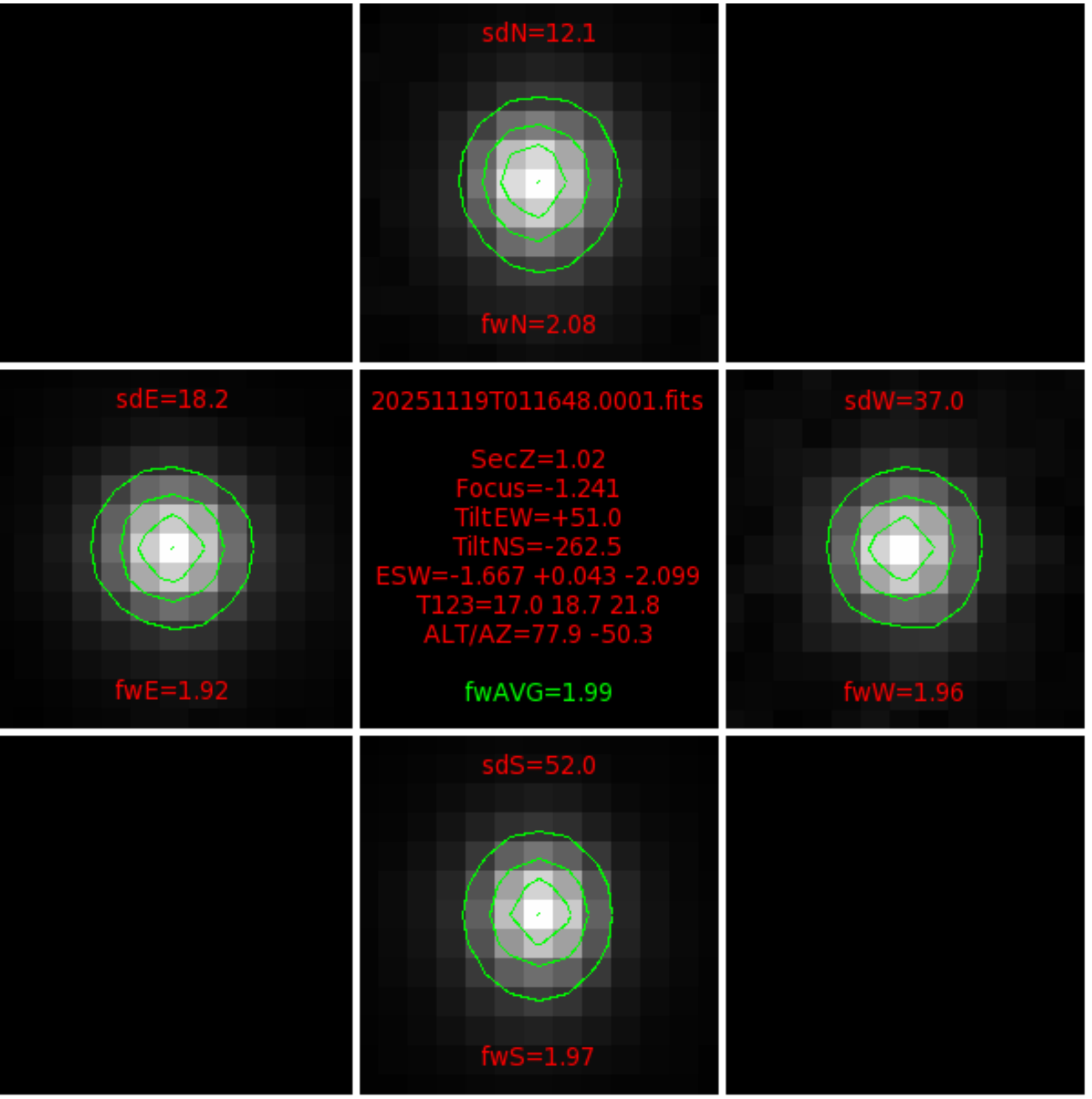
sdN=12.1
fwN=2.08
sdE=18.2
fwE=1.92
20251119T011648.0001.fits
SecZ=1.02
Focus=-1.241
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.667 +0.043 -2.099
T123=17.0 18.7 21.8
ALT/AZ=77.9 -50.3
fwAVG=1.99
sdW=37.0
fwW=1.96
sdS=52.0
fwS=1.97
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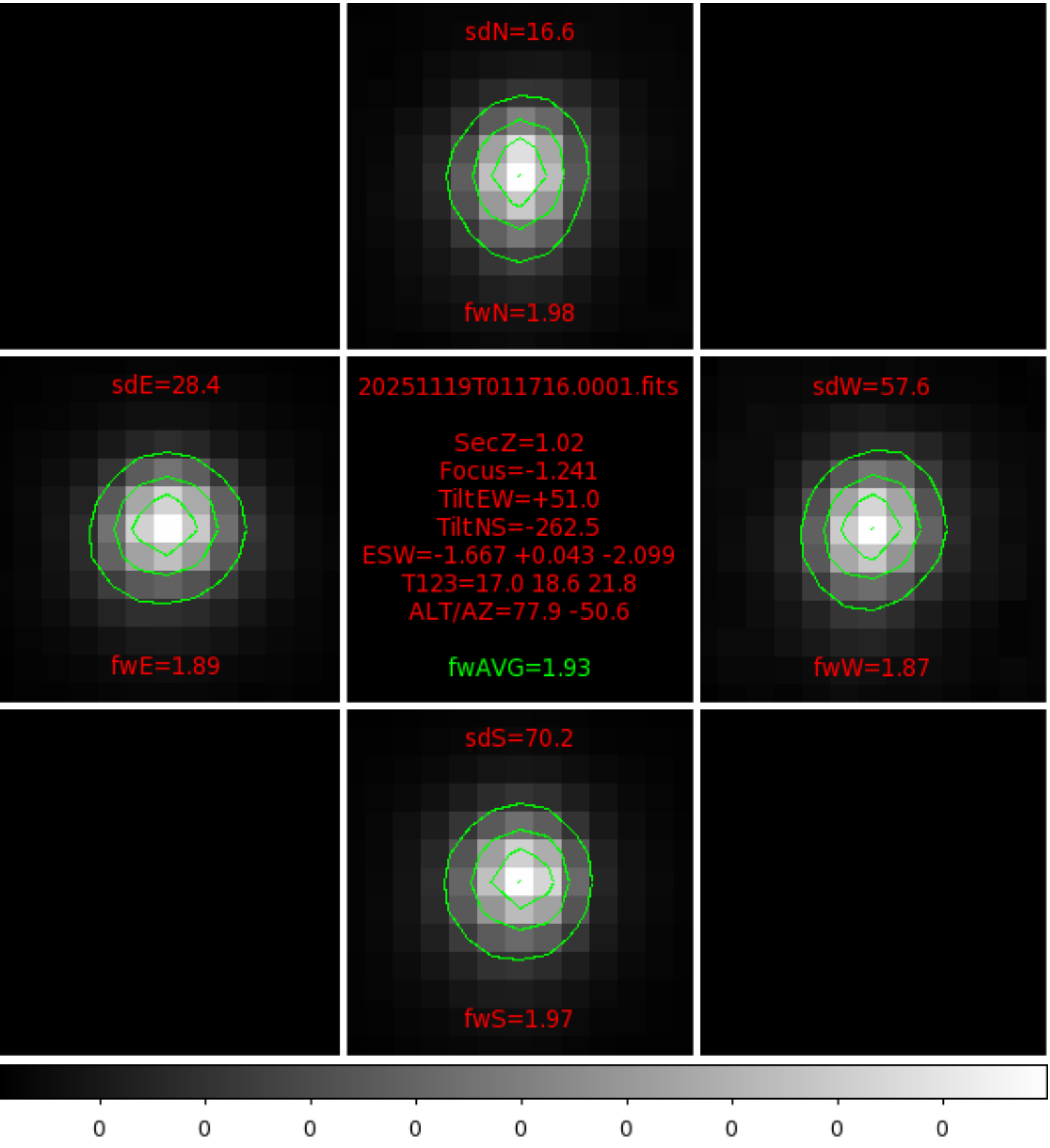
sdN=16.6
fwN=1.98
sdE=28.4
fwE=1.89
20251119T011716.0001.fits
SecZ=1.02
Focus=-1.241
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.667 +0.043 -2.099
T123=17.0 18.6 21.8
ALT/AZ=77.9 -50.6
fwAVG=1.93
sdW=57.6
fwW=1.87
sdS=70.2
fwS=1.97
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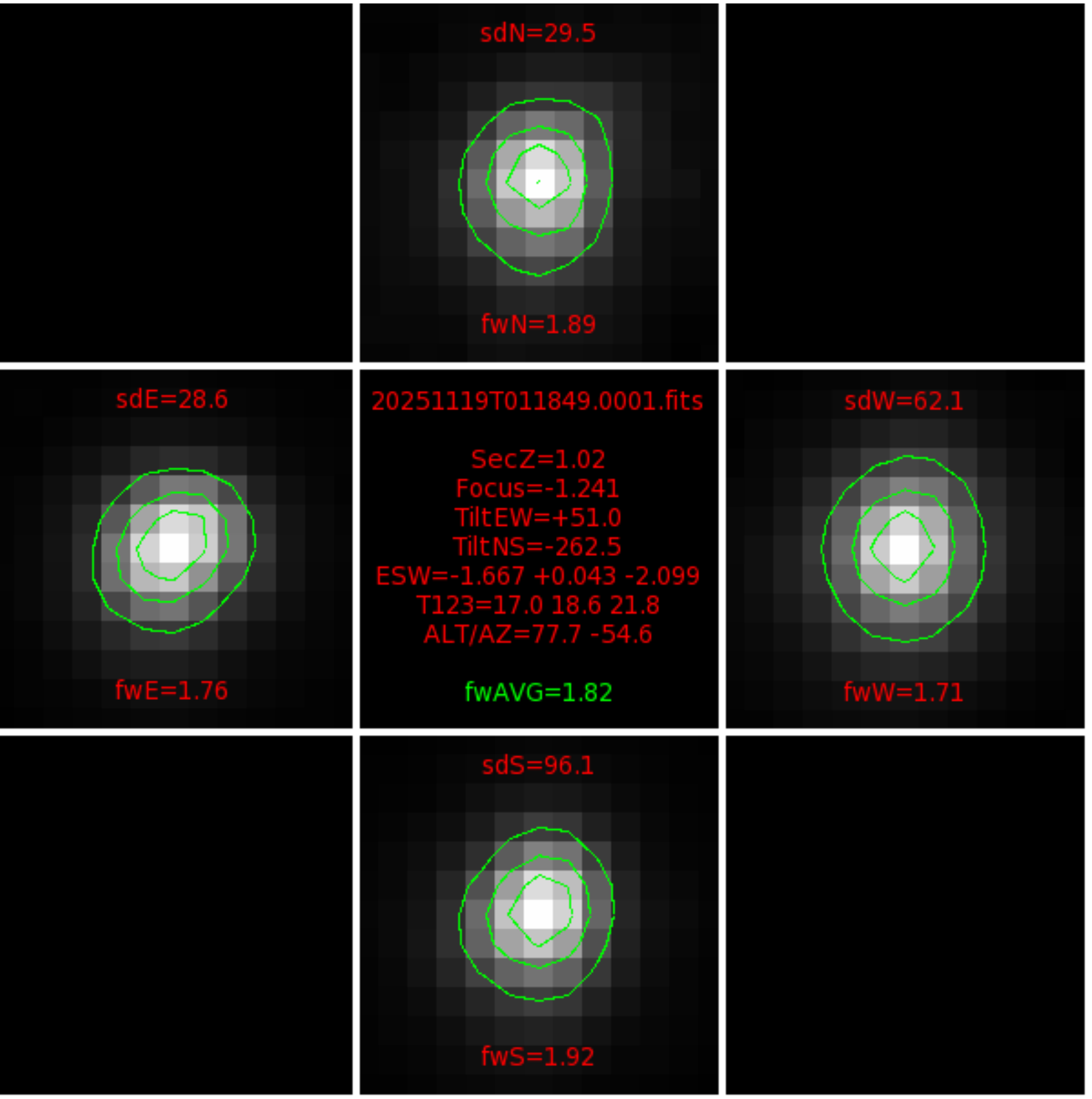
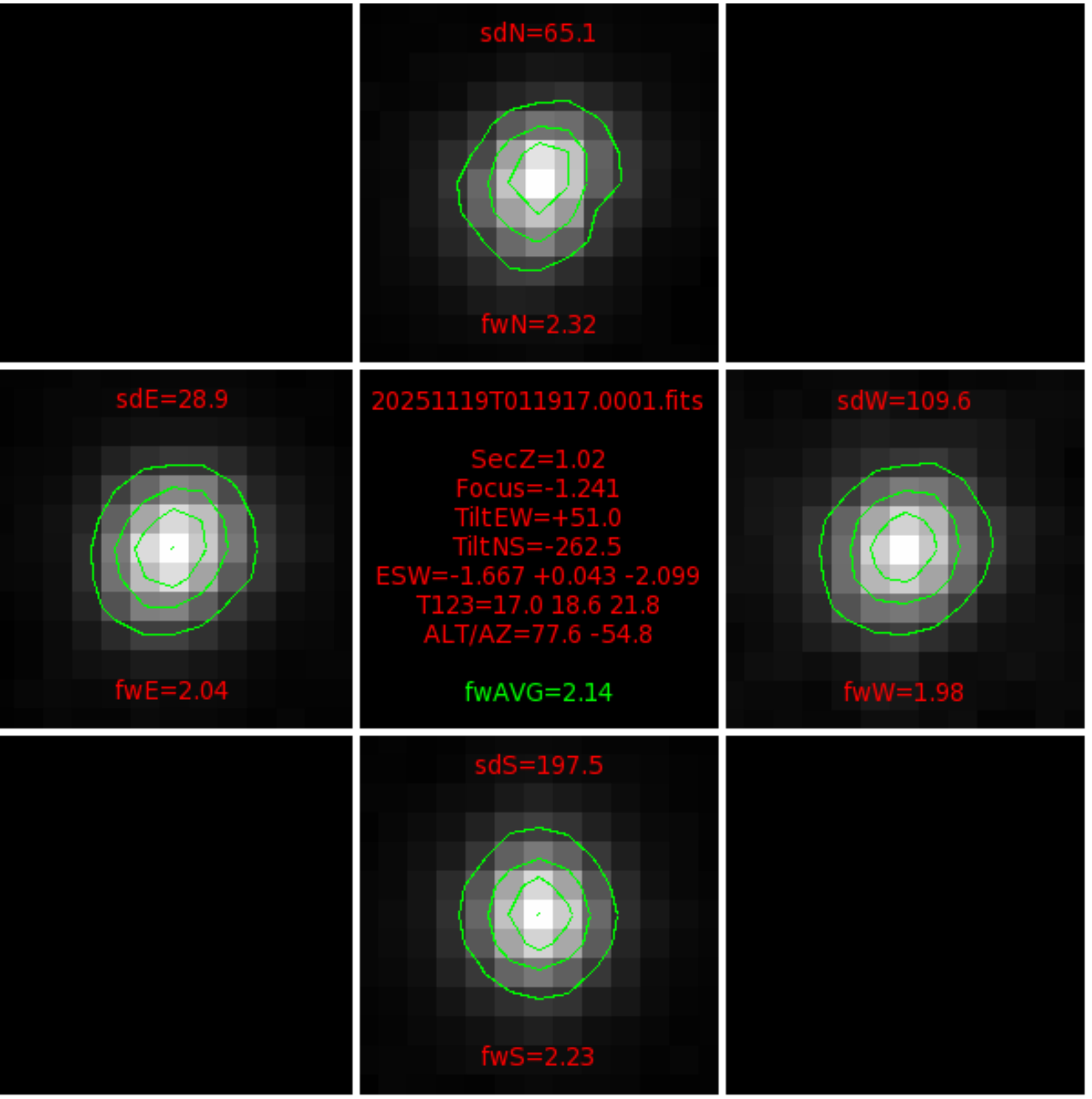

sdN=29.5
fwN=1.89
sdE=28.6
fwE=1.76
20251119T011849.0001.fits
SecZ=1.02
Focus=-1.241
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.667 +0.043 -2.099
T123=17.0 18.6 21.8
ALT/AZ=77.7 -54.6
fwAVG=1.82
sdW=62.1
fwW=1.71
sdS=96.1
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=65.1
fwN=2.32
sdE=28.9
fwE=2.04
20251119T011917.0001.fits
SecZ=1.02
Focus=-1.241
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.667 +0.043 -2.099
T123=17.0 18.6 21.8
ALT/AZ=77.6 -54.8
fwAVG=2.14
sdW=109.6
fwW=1.98
sdS=197.5
fwS=2.23
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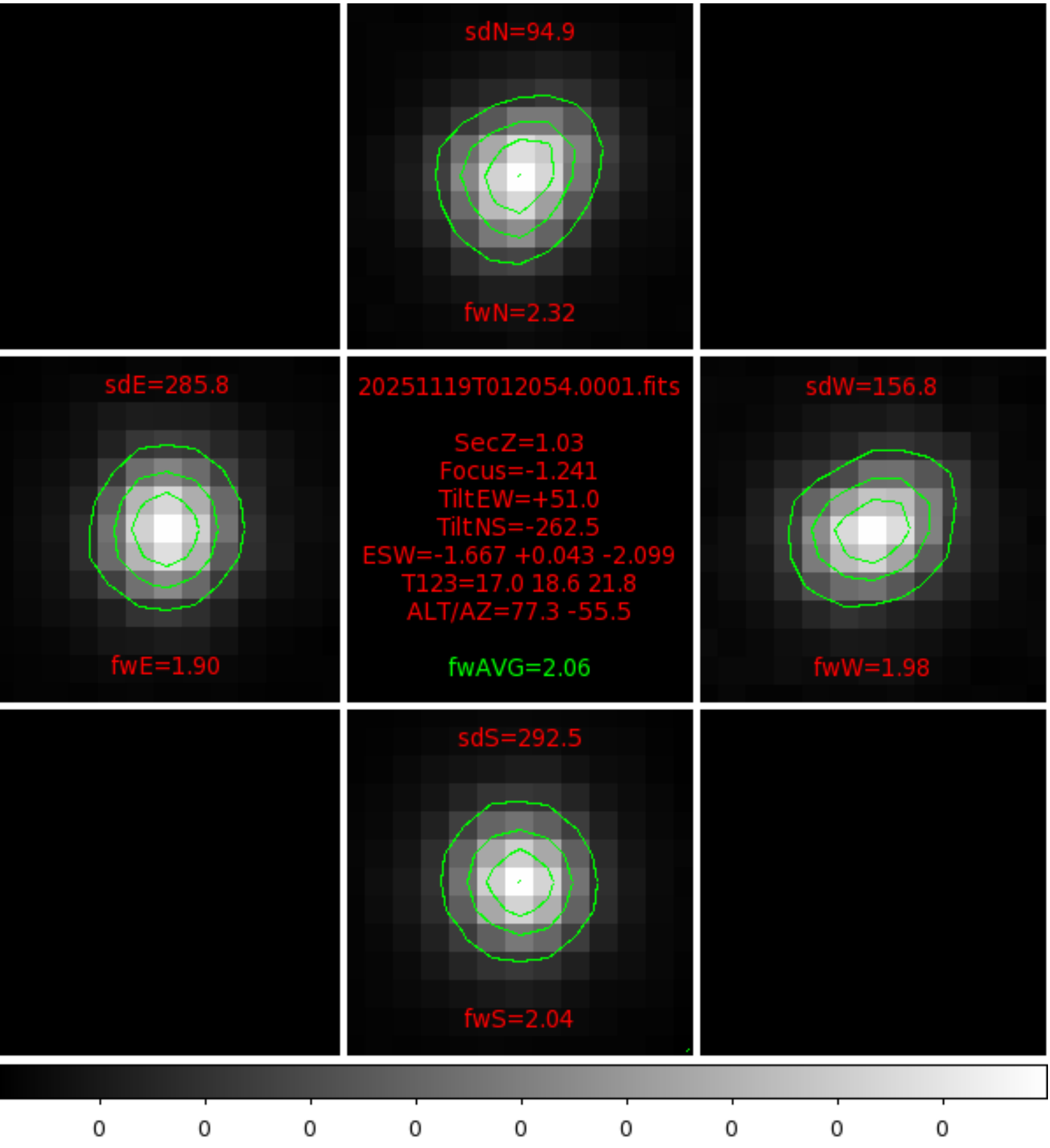
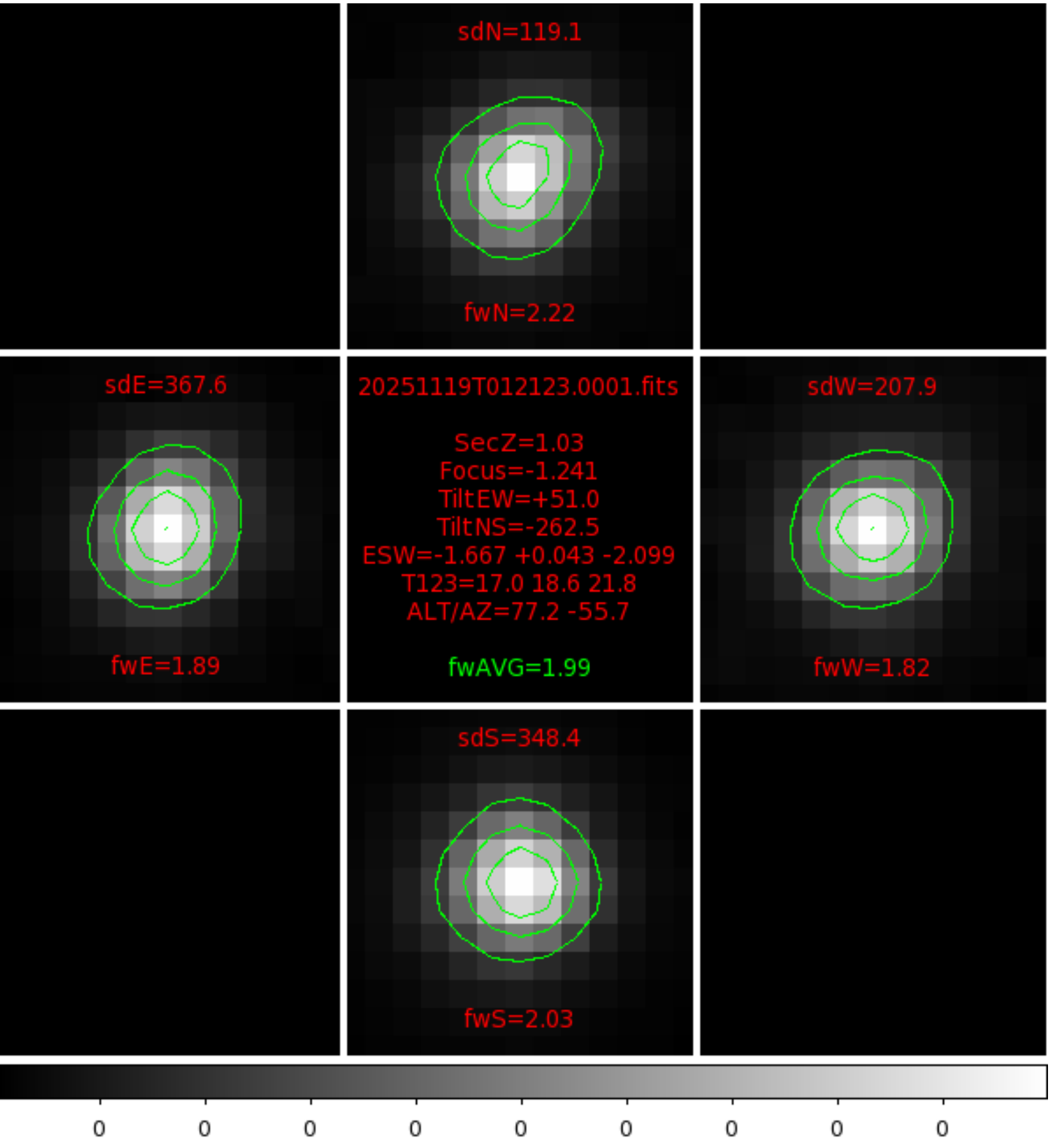
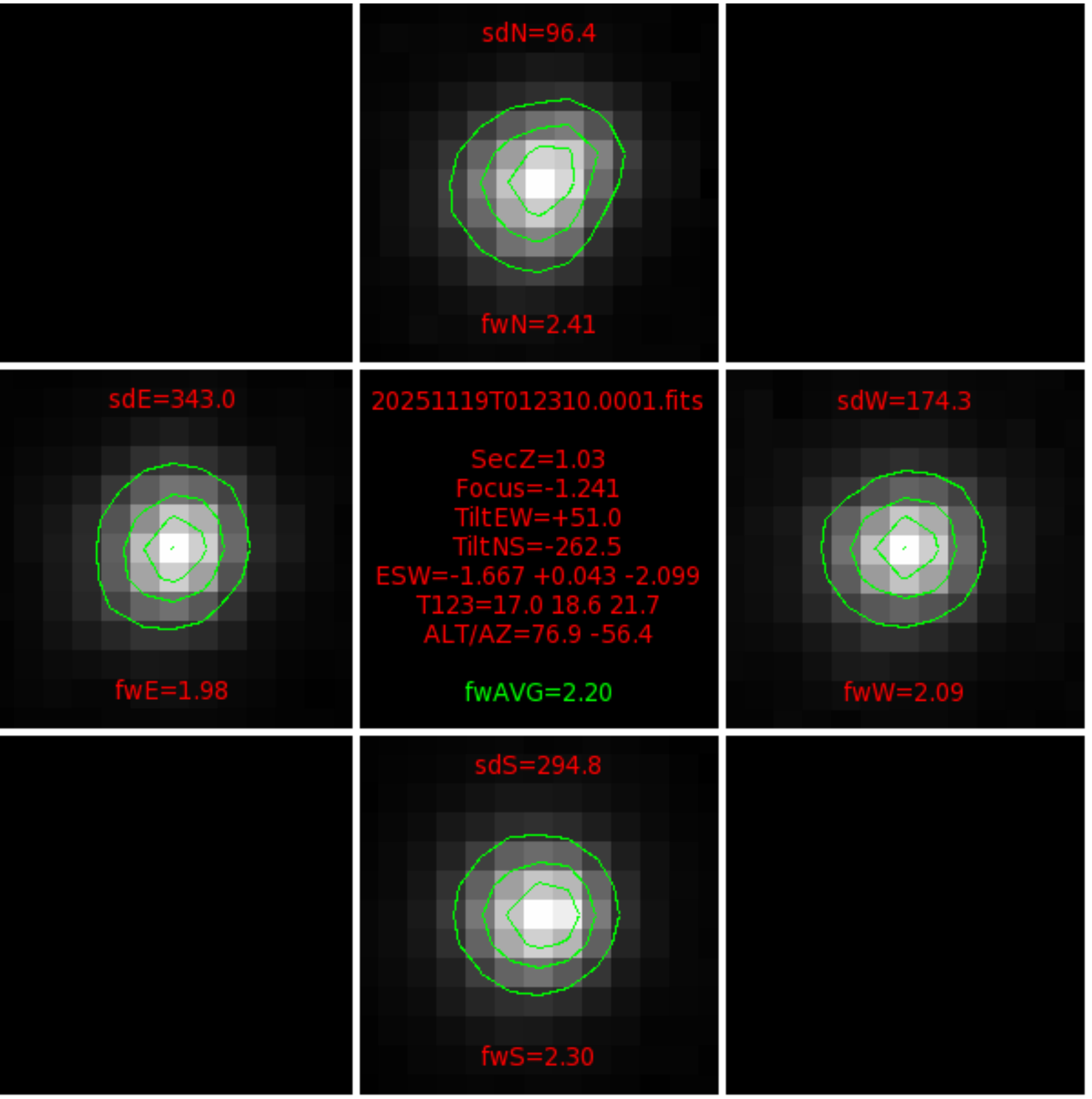
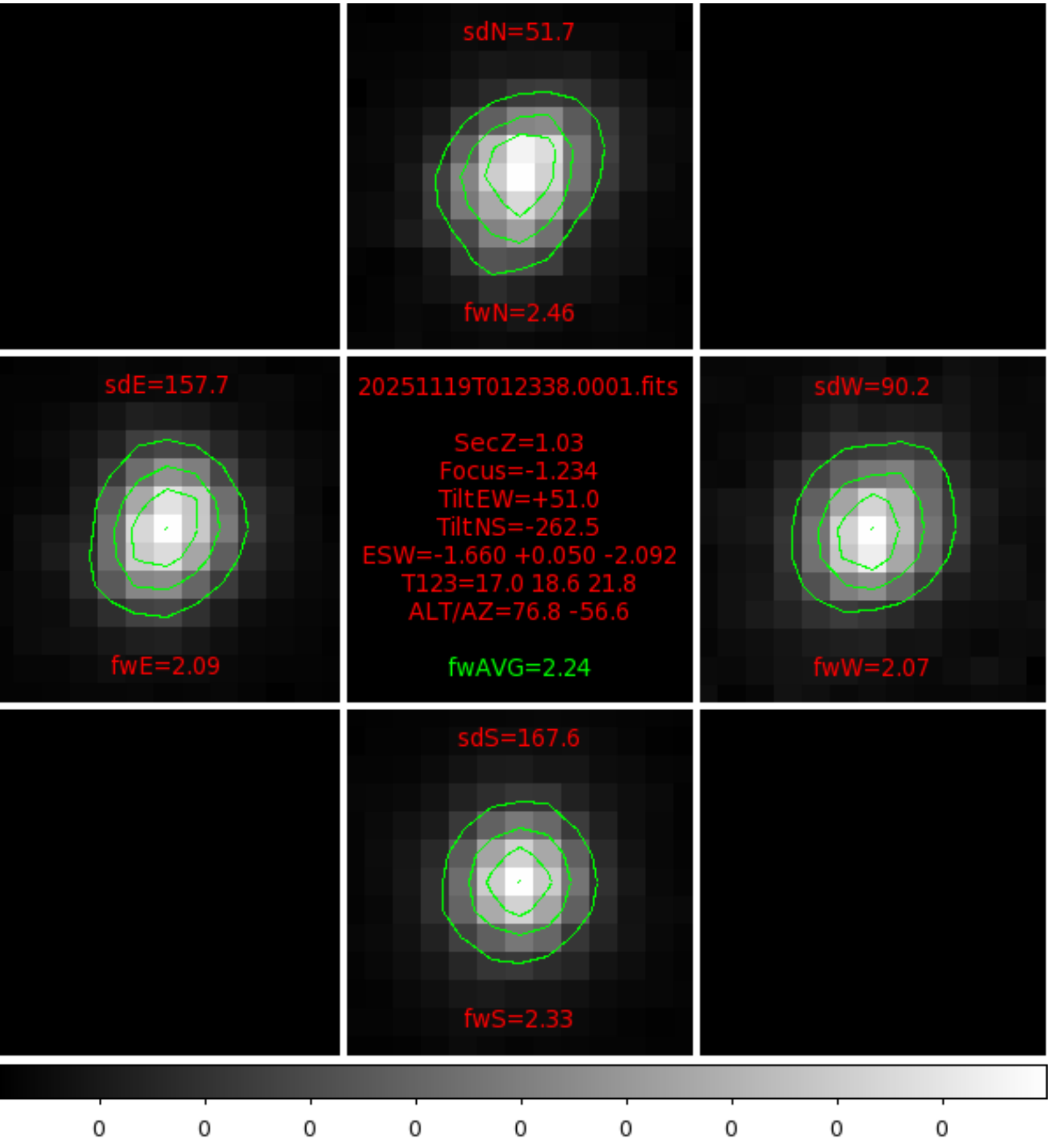
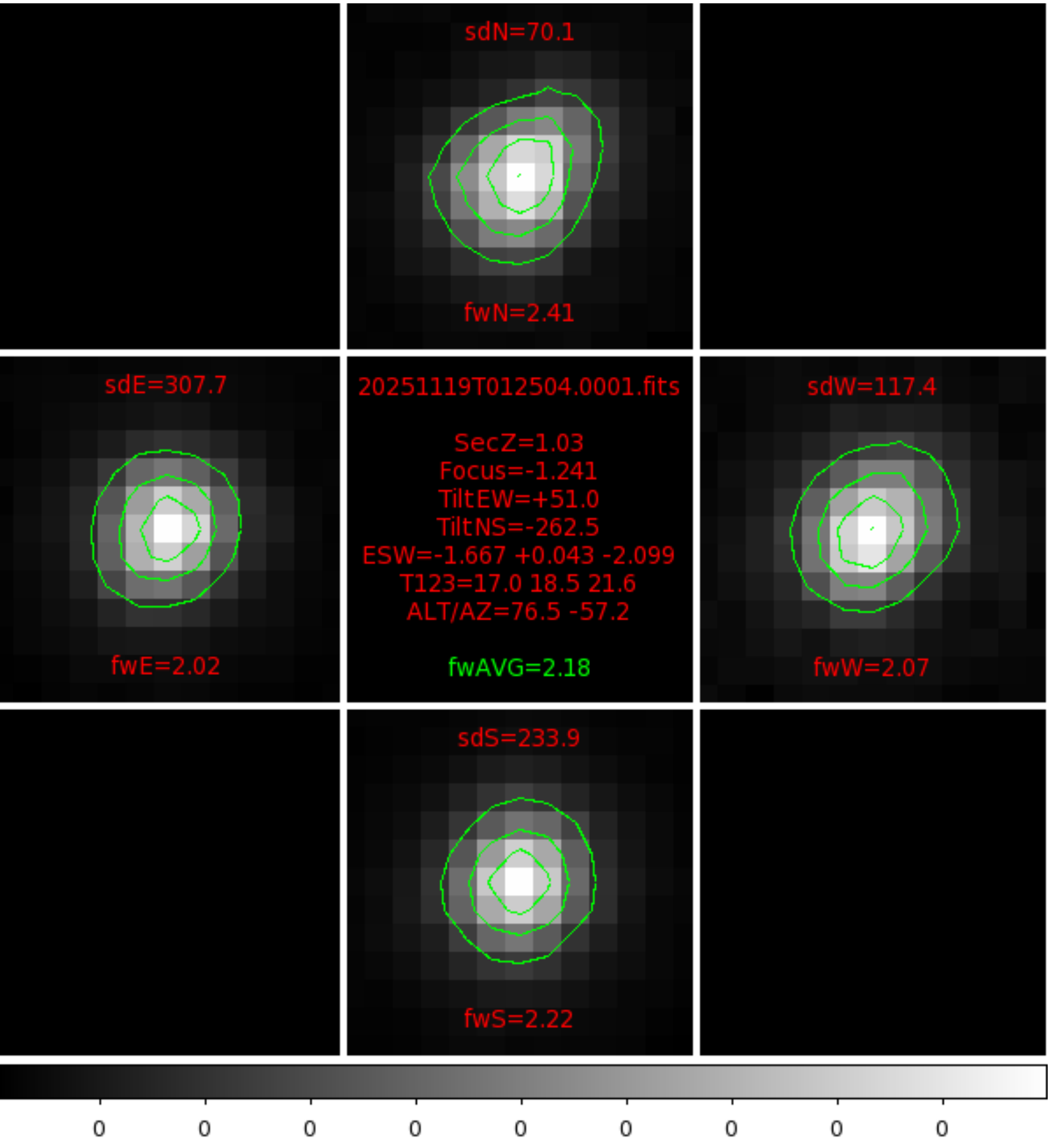
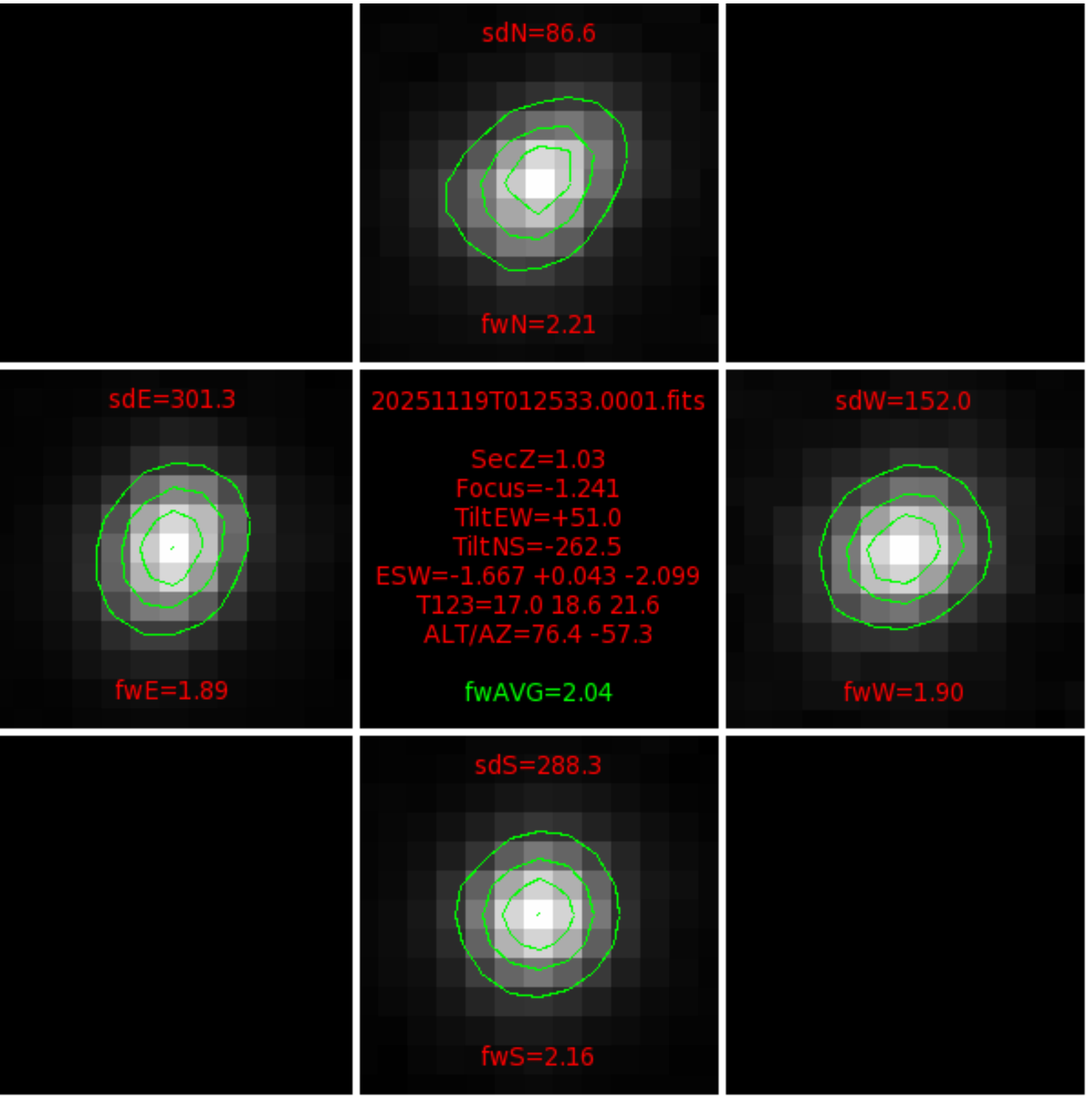

sdN=94.9
fwN=2.32
sdE=285.8
fwE=1.90
20251119T012054.0001.fits
SecZ=1.03
Focus=-1.241
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.667 +0.043 -2.099
T123=17.0 18.6 21.8
ALT/AZ=77.3 -55.5
fwAVG=2.06
sdW=156.8
fwW=1.98
sdS=292.5
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=119.1
fwN=2.22
sdE=367.6
fwE=1.89
20251119T012123.0001.fits
SecZ=1.03
Focus=-1.241
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.667 +0.043 -2.099
T123=17.0 18.6 21.8
ALT/AZ=77.2 -55.7
fwAVG=1.99
sdW=207.9
fwW=1.82
sdS=348.4
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=96.4
fwN=2.41
sdE=343.0
fwE=1.98
20251119T012310.0001.fits
SecZ=1.03
Focus=-1.241
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.667 +0.043 -2.099
T123=17.0 18.6 21.7
ALT/AZ=76.9 -56.4
fwAVG=2.20
sdW=174.3
fwW=2.09
sdS=294.8
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=51.7
fwN=2.46
sdE=157.7
fwE=2.09
20251119T012338.0001.fits
SecZ=1.03
Focus=-1.234
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.660 +0.050 -2.092
T123=17.0 18.6 21.8
ALT/AZ=76.8 -56.6
fwAVG=2.24
sdW=90.2
fwW=2.07
sdS=167.6
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=70.1
fwN=2.41
sdE=307.7
fwE=2.02
20251119T012504.0001.fits
SecZ=1.03
Focus=-1.241
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.667 +0.043 -2.099
T123=17.0 18.5 21.6
ALT/AZ=76.5 -57.2
fwAVG=2.18
sdW=117.4
fwW=2.07
sdS=233.9
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=86.6
fwN=2.21
sdE=301.3
fwE=1.89
20251119T012533.0001.fits
SecZ=1.03
Focus=-1.241
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.667 +0.043 -2.099
T123=17.0 18.6 21.6
ALT/AZ=76.4 -57.3
fwAVG=2.04
sdW=152.0
fwW=1.90
sdS=288.3
fwS=2.16
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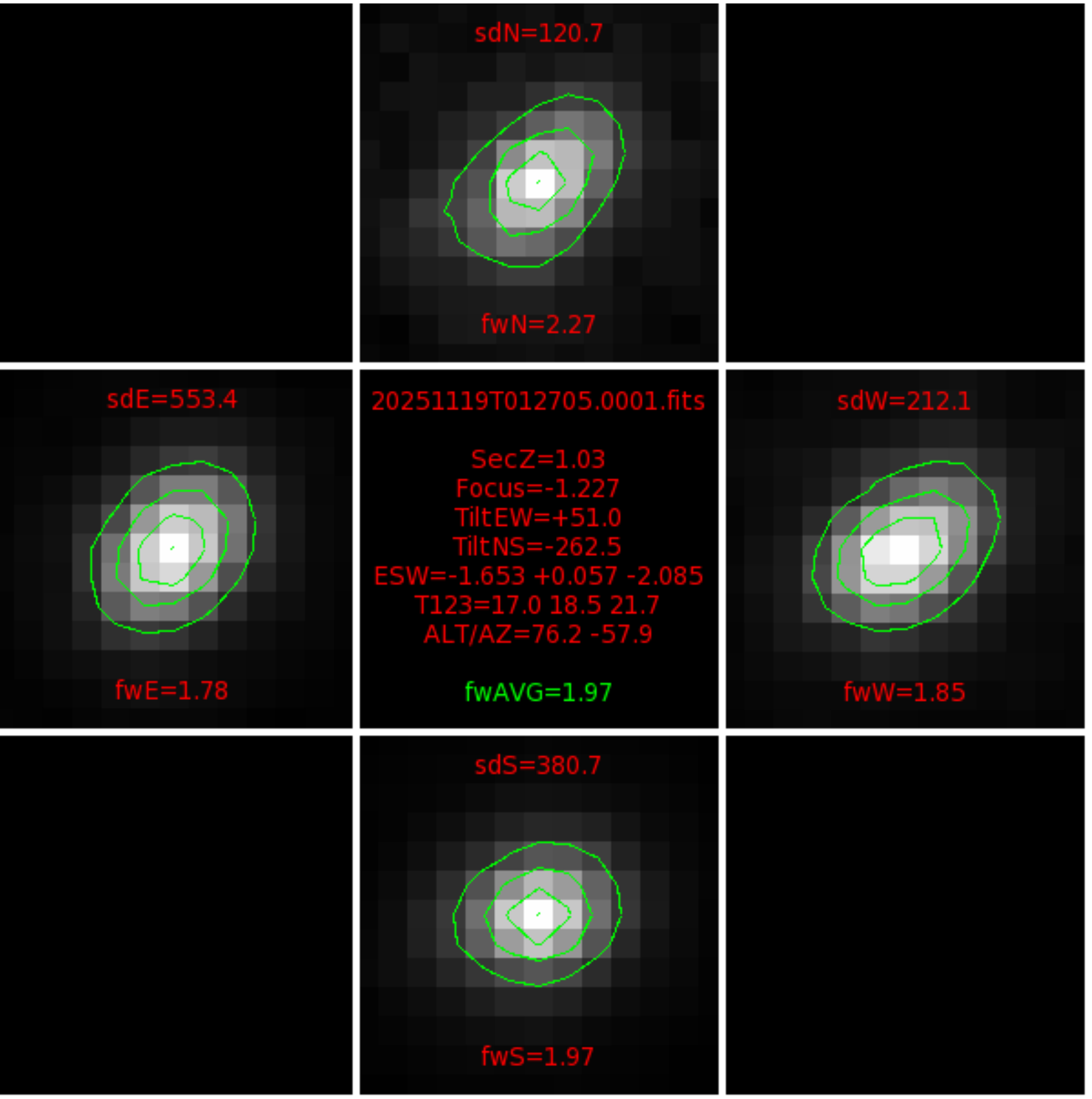
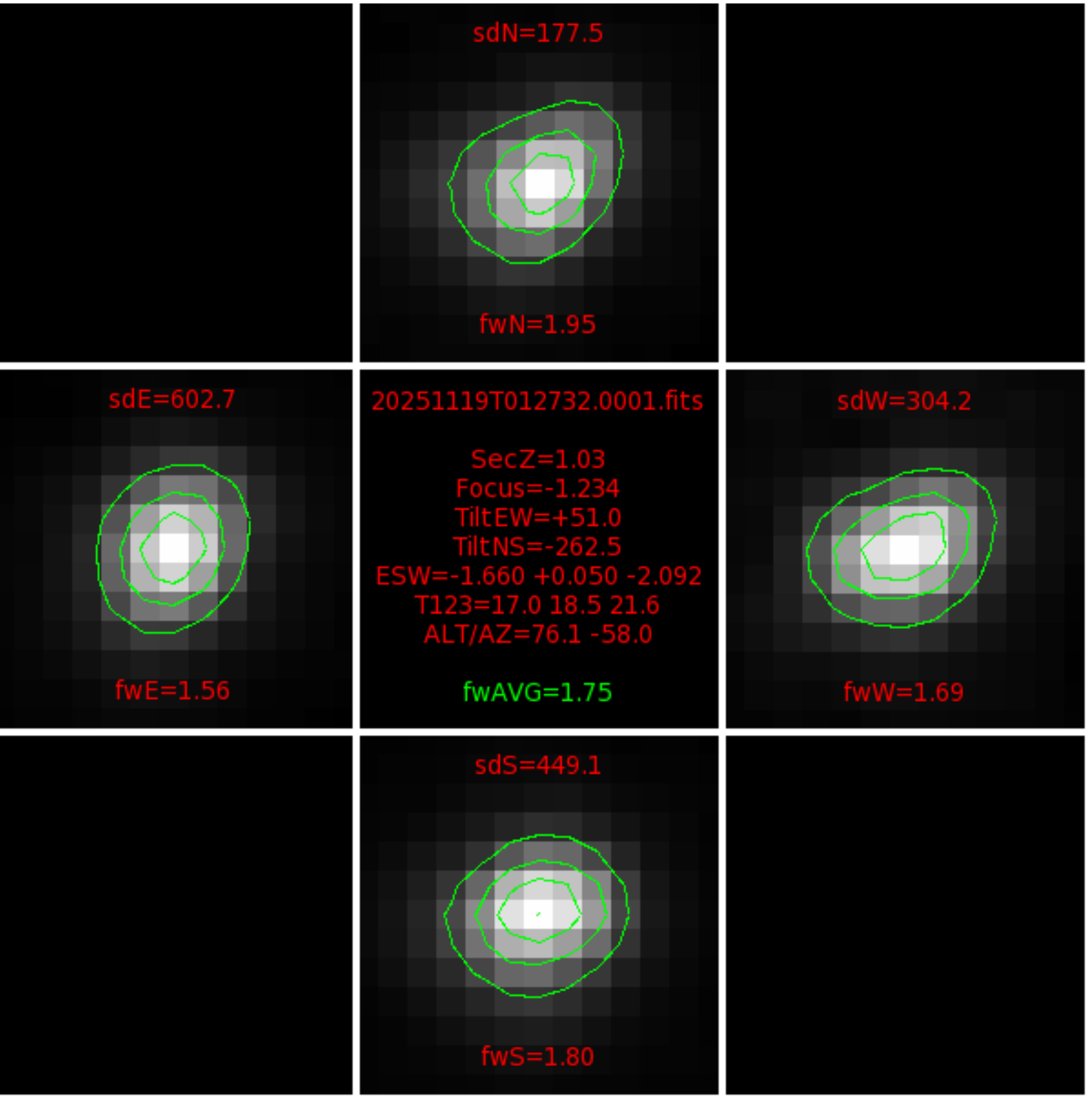
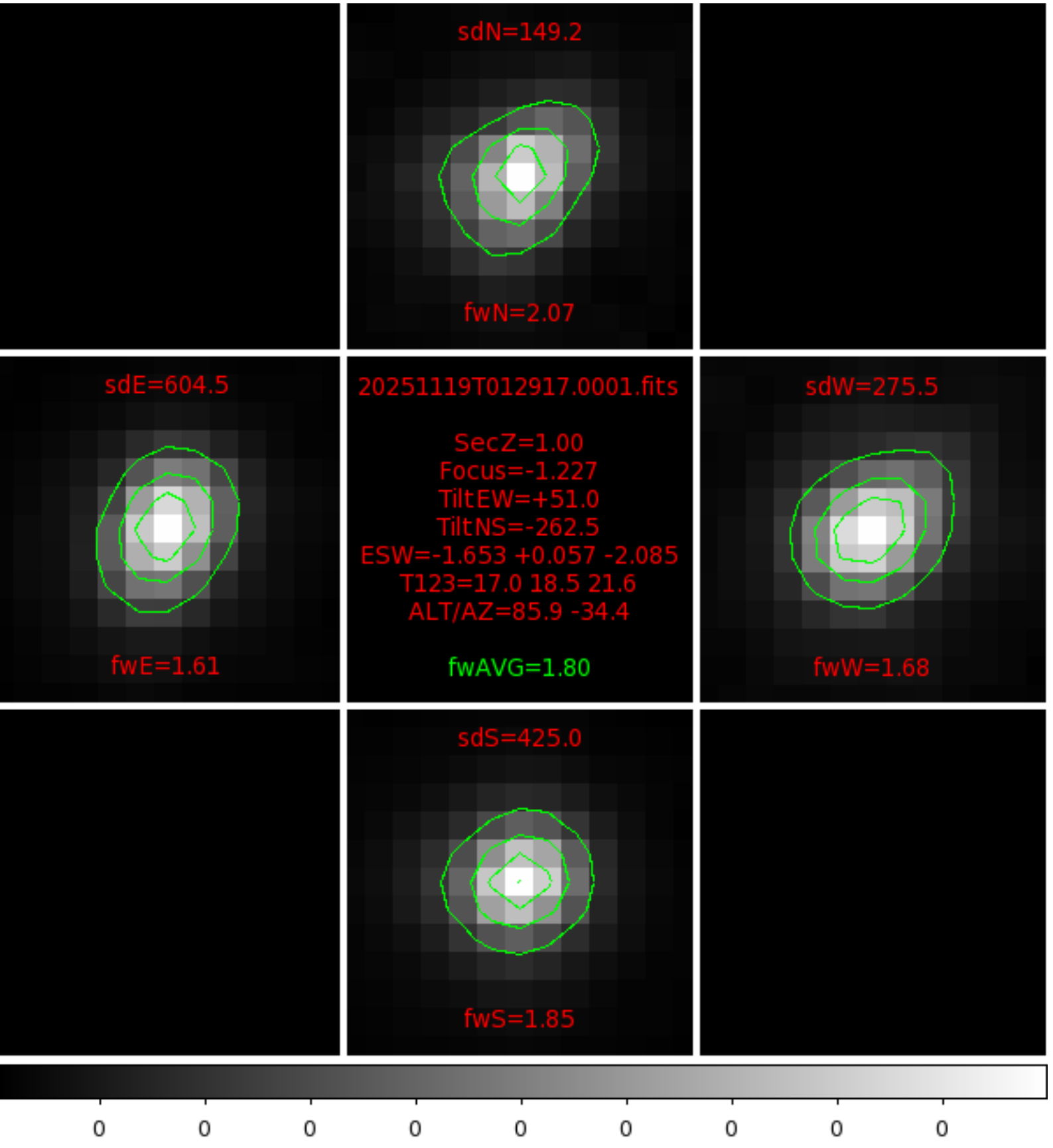
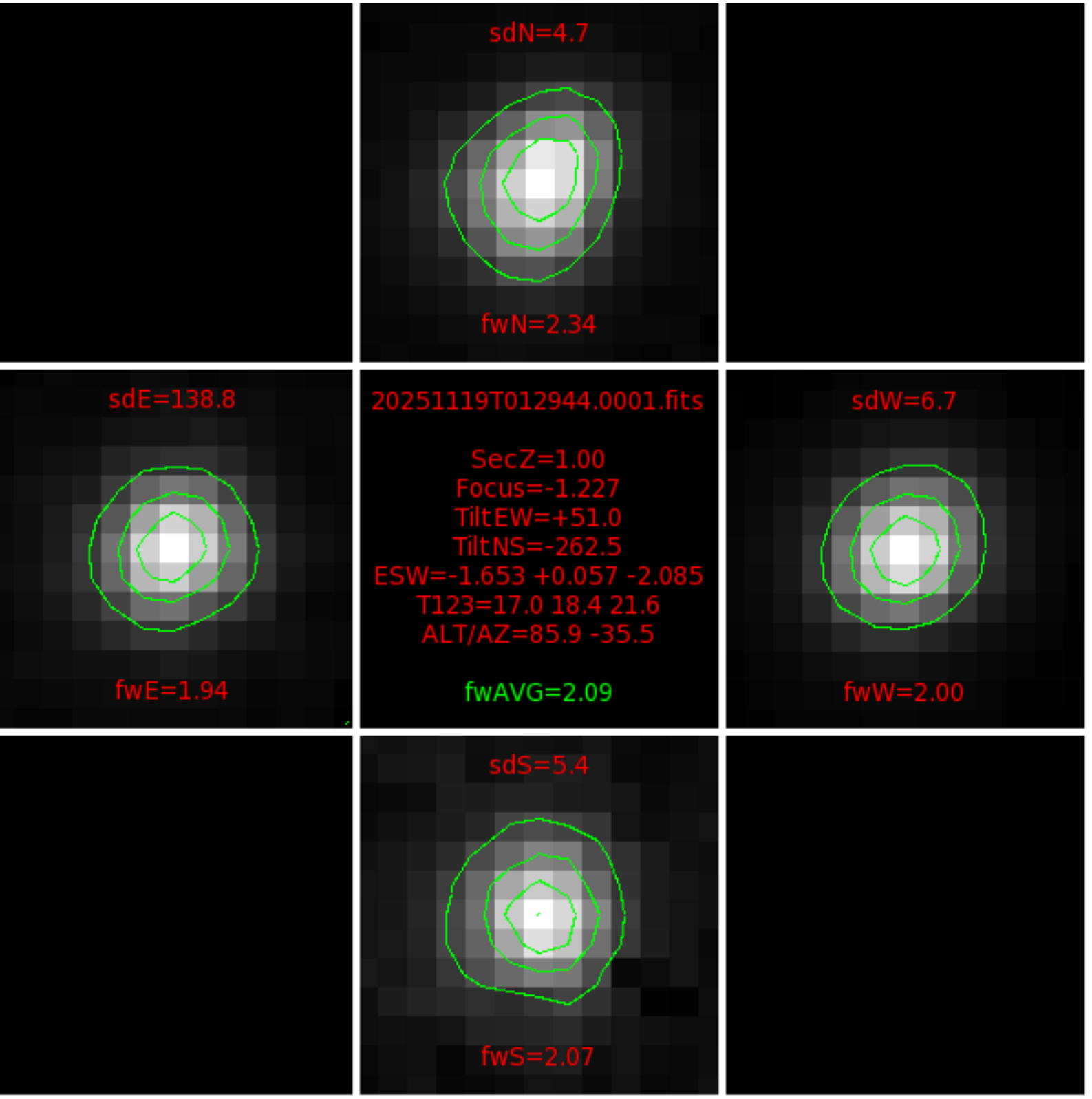

sdN=120.7
fwN=2.27
sdE=553.4
fwE=1.78
20251119T012705.0001.fits
SecZ=1.03
Focus=-1.227
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.653 +0.057 -2.085
T123=17.0 18.5 21.7
ALT/AZ=76.2 -57.9
fwAVG=1.97
sdW=212.1
fwW=1.85
sdS=380.7
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=177.5
fwN=1.95
sdE=602.7
fwE=1.56
20251119T012732.0001.fits
SecZ=1.03
Focus=-1.234
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.660 +0.050 -2.092
T123=17.0 18.5 21.6
ALT/AZ=76.1 -58.0
fwAVG=1.75
sdW=304.2
fwW=1.69
sdS=449.1
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=149.2
fwN=2.07
sdE=604.5
fwE=1.61
20251119T012917.0001.fits
SecZ=1.00
Focus=-1.227
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.653 +0.057 -2.085
T123=17.0 18.5 21.6
ALT/AZ=85.9 -34.4
fwAVG=1.80
sdW=275.5
fwW=1.68
sdS=425.0
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=4.7
fwN=2.34
sdE=138.8
fwE=1.94
20251119T012944.0001.fits
SecZ=1.00
Focus=-1.227
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.653 +0.057 -2.085
T123=17.0 18.4 21.6
ALT/AZ=85.9 -35.5
fwAVG=2.09
sdW=6.7
fwW=2.00
sdS=5.4
fwS=2.07
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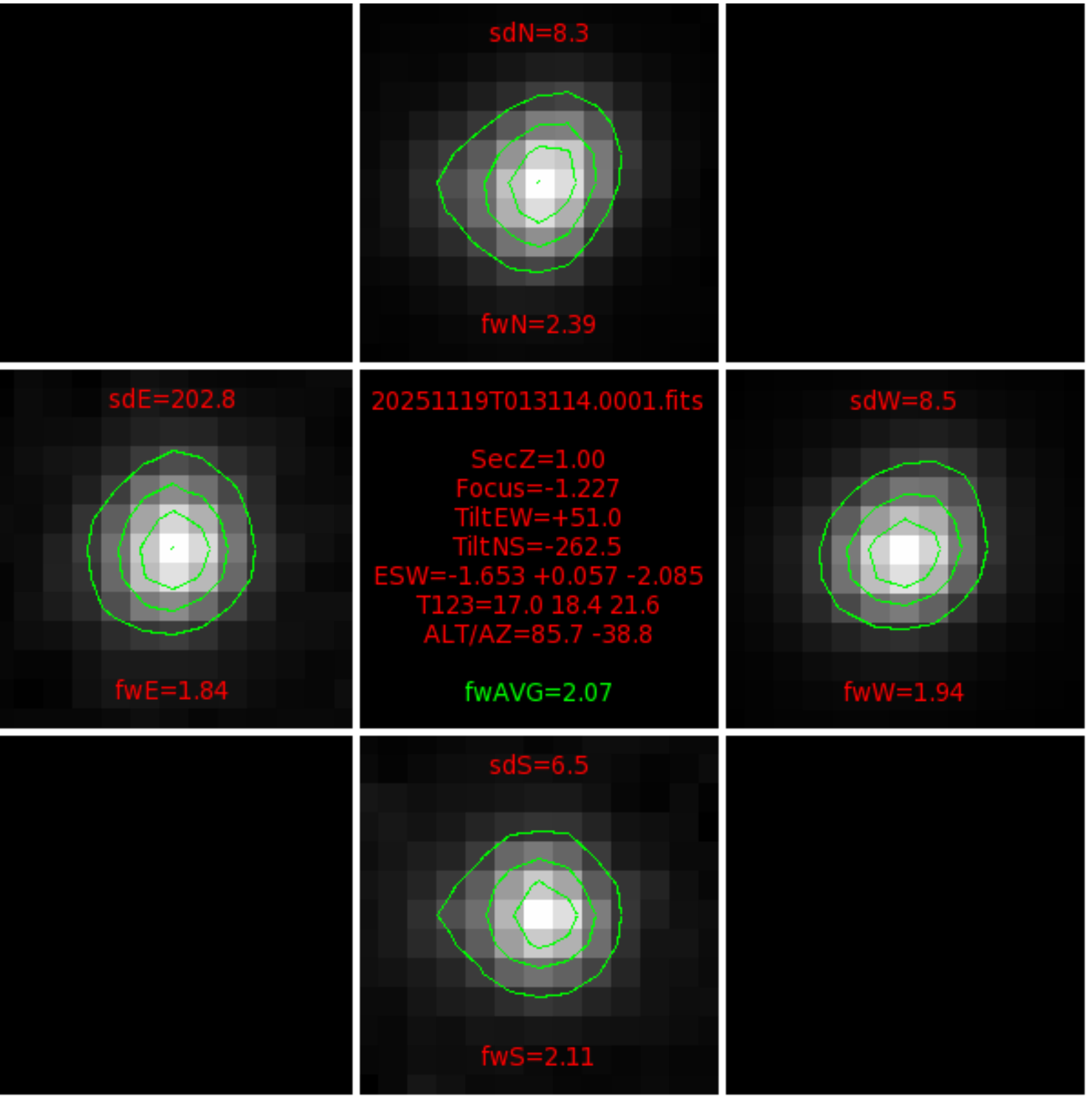
sdN=8.3
fwN=2.39
sdE=202.8
fwE=1.84
20251119T013114.0001.fits
SecZ=1.00
Focus=-1.227
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.653 +0.057 -2.085
T123=17.0 18.4 21.6
ALT/AZ=85.7 -38.8
fwAVG=2.07
sdW=8.5
fwW=1.94
sdS=6.5
fwS=2.11
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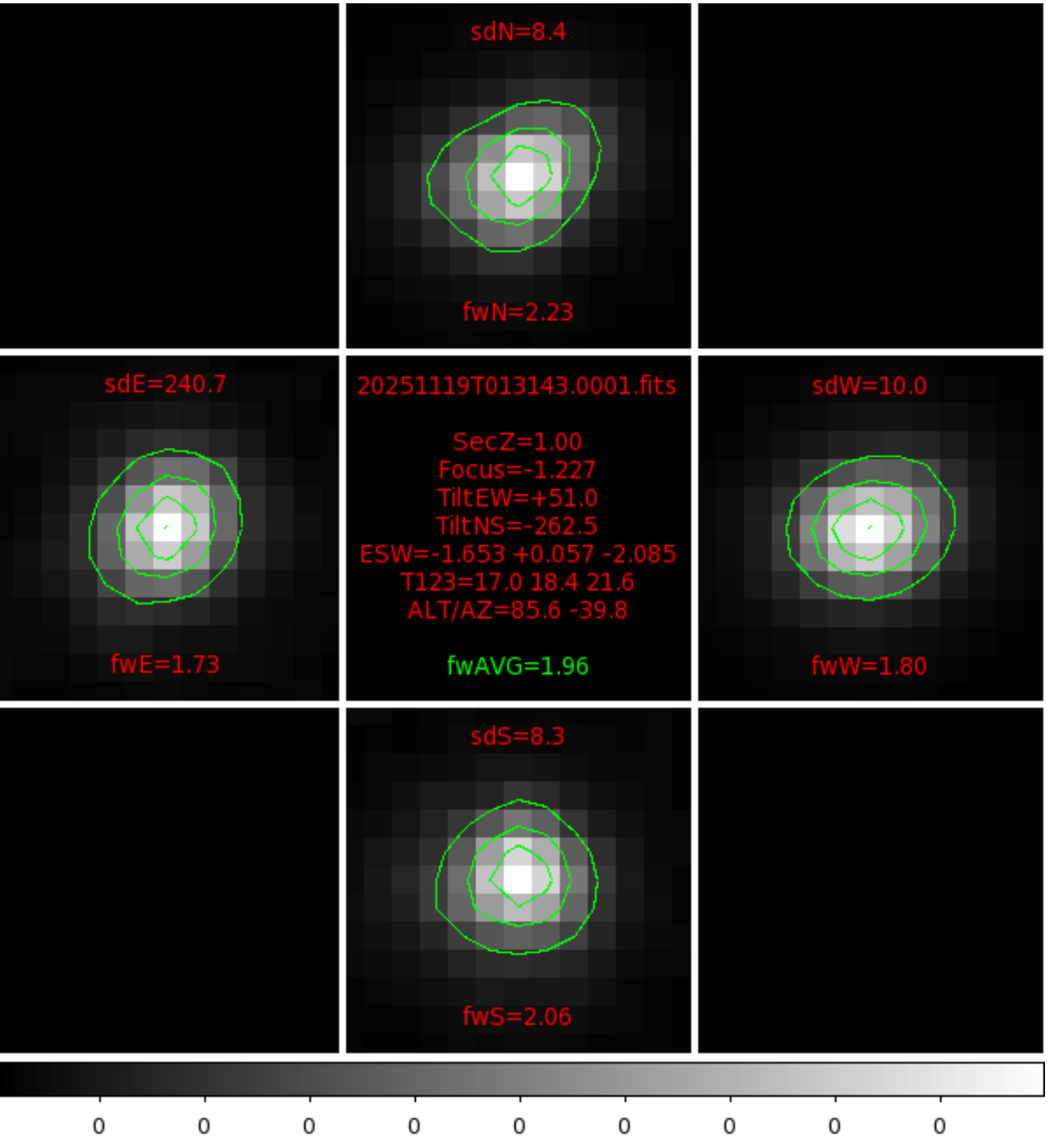
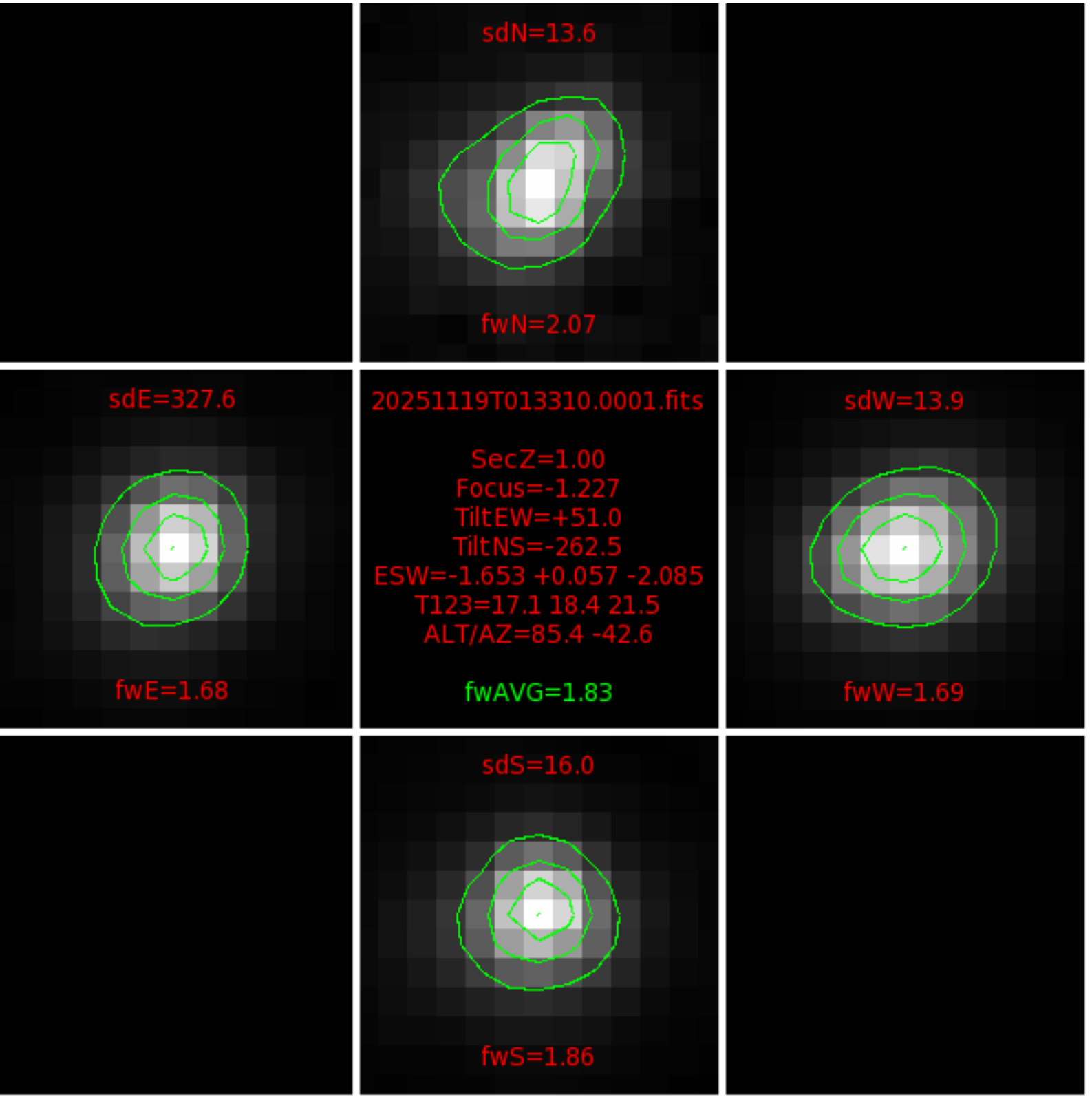
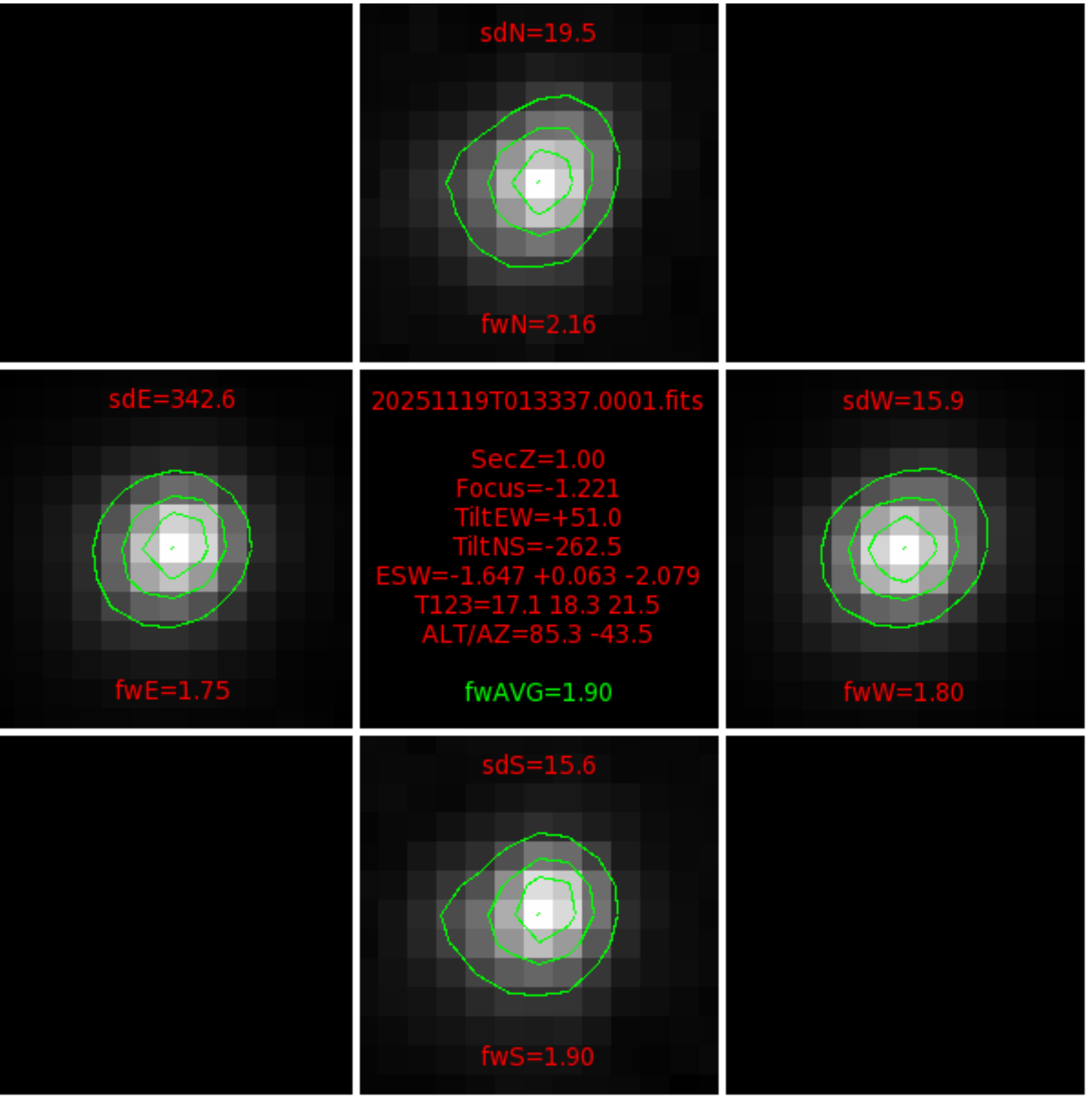
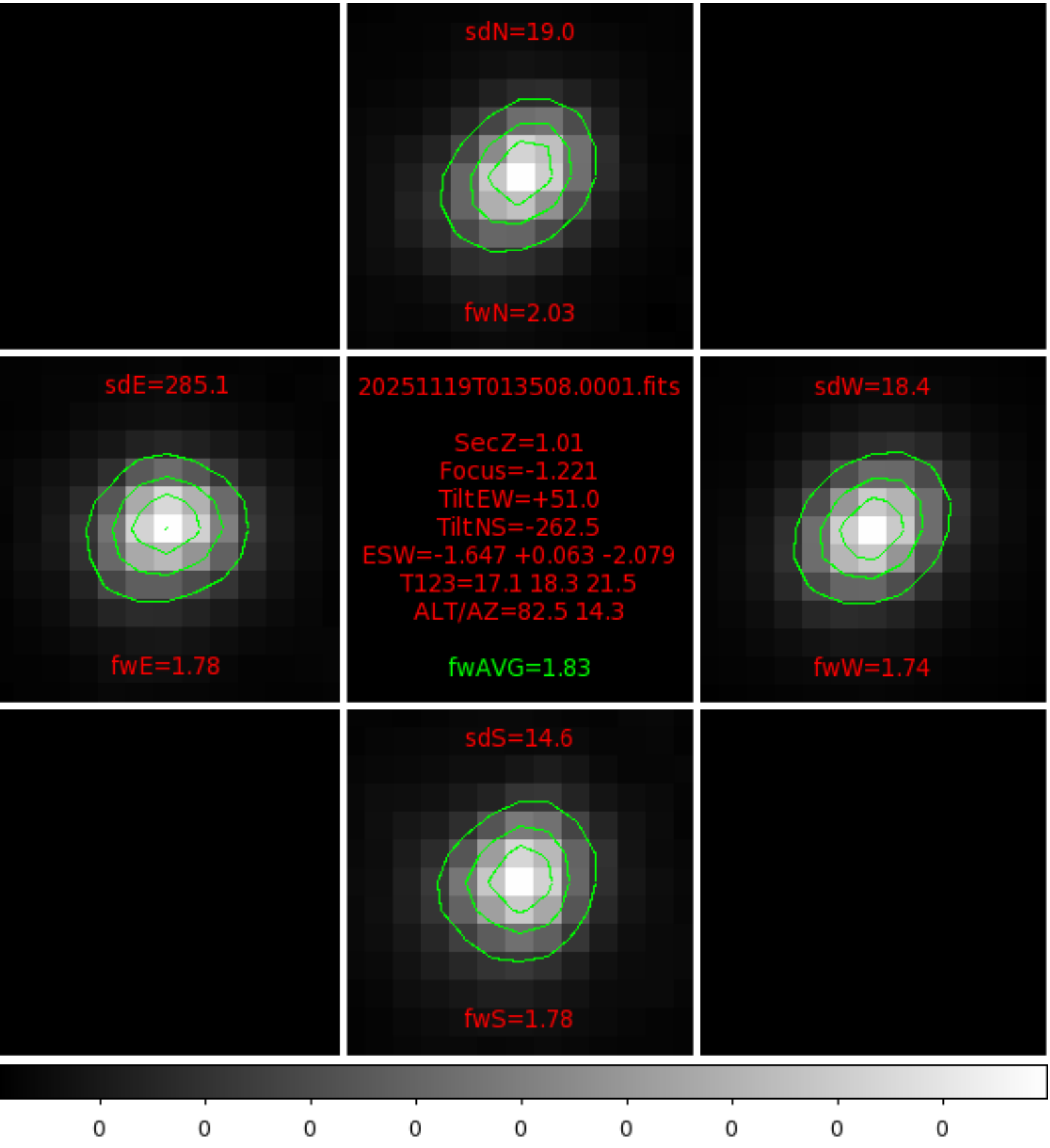

sdN=8.4
fwN=2.23
sdE=240.7
fwE=1.73
20251119T013143.0001.fits
SecZ=1.00
Focus=-1.227
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.653 +0.057 -2.085
T123=17.0 18.4 21.6
ALT/AZ=85.6 -39.8
fwAVG=1.96
sdW=10.0
fwW=1.80
sdS=8.3
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=13.6
fwN=2.07
sdE=327.6
fwE=1.68
20251119T013310.0001.fits
SecZ=1.00
Focus=-1.227
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.653 +0.057 -2.085
T123=17.1 18.4 21.5
ALT/AZ=85.4 -42.6
fwAVG=1.83
sdW=13.9
fwW=1.69
sdS=16.0
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=19.5
fwN=2.16
sdE=342.6
fwE=1.75
20251119T013337.0001.fits
SecZ=1.00
Focus=-1.221
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.647 +0.063 -2.079
T123=17.1 18.3 21.5
ALT/AZ=85.3 -43.5
fwAVG=1.90
sdW=15.9
fwW=1.80
sdS=15.6
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=19.0
fwN=2.03
sdE=285.1
fwE=1.78
20251119T013508.0001.fits
SecZ=1.01
Focus=-1.221
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.647 +0.063 -2.079
T123=17.1 18.3 21.5
ALT/AZ=82.5 14.3
fwAVG=1.83
sdW=18.4
fwW=1.74
sdS=14.6
fwS=1.78
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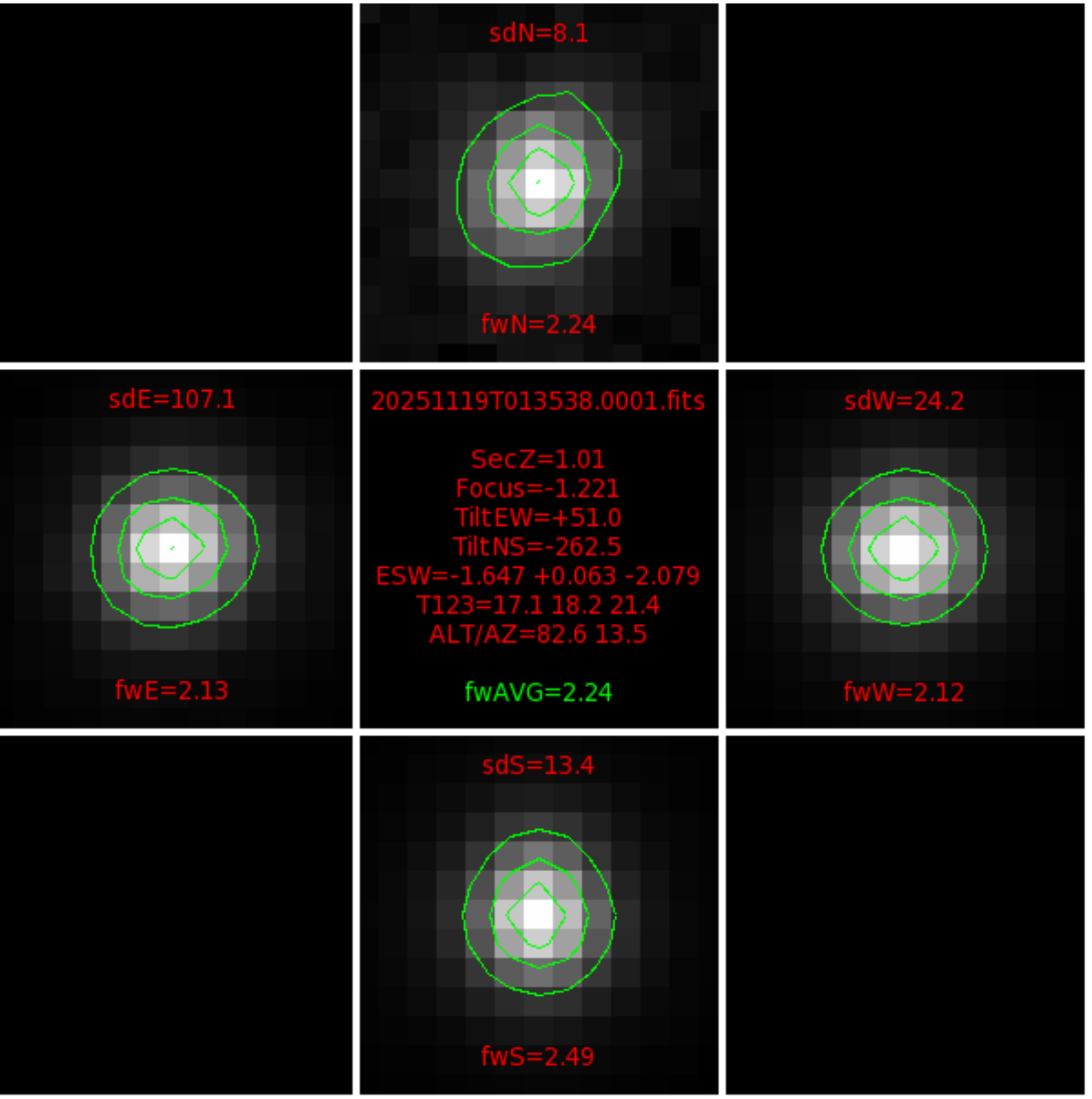
sdN=8.1
fwN=2.24
sdE=107.1
fwE=2.13
20251119T013538.0001.fits
SecZ=1.01
Focus=-1.221
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.647 +0.063 -2.079
T123=17.1 18.2 21.4
ALT/AZ=82.6 13.5
fwAVG=2.24
sdW=24.2
fwW=2.12
sdS=13.4
fwS=2.49
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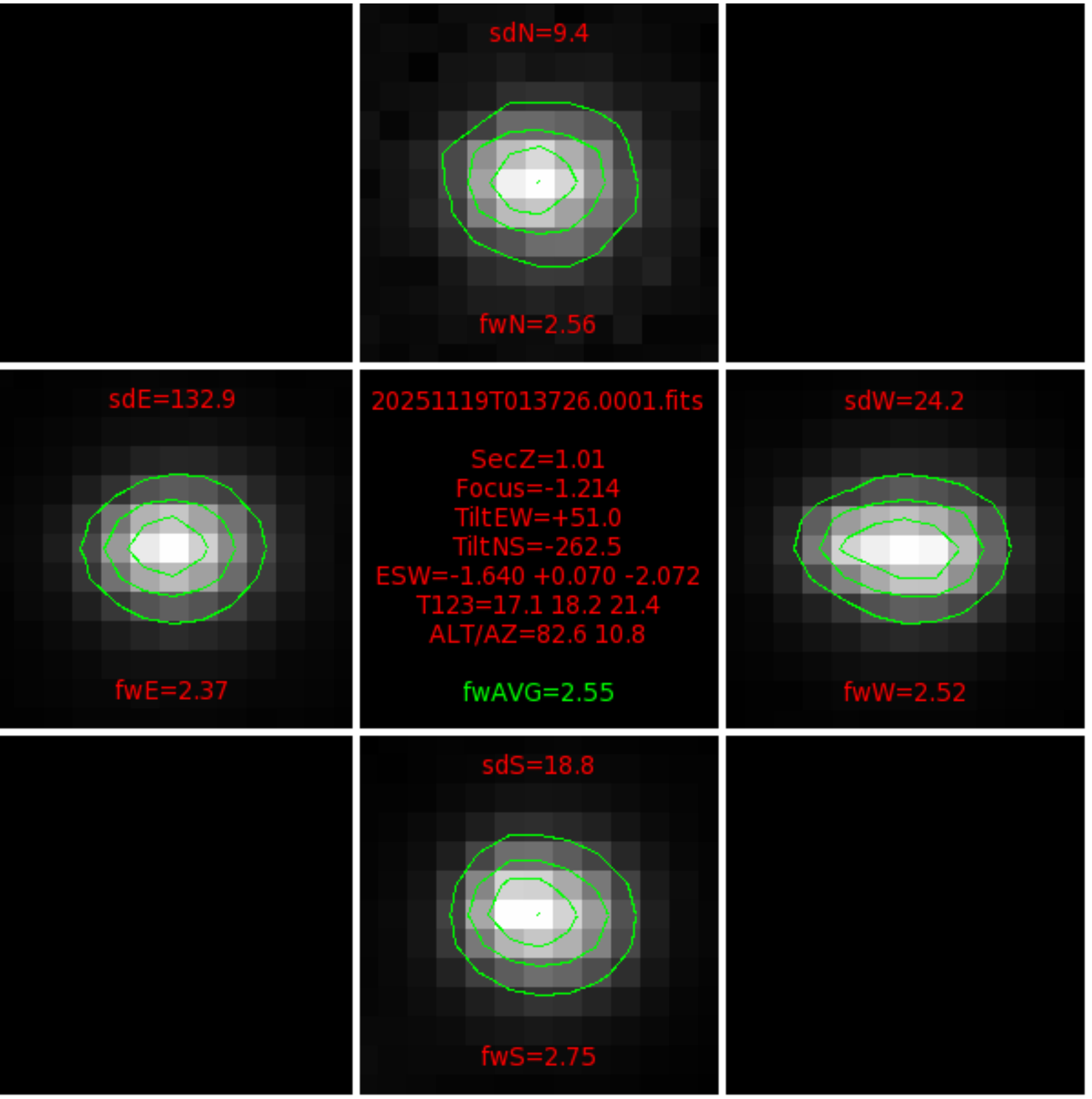
sdN=9.4
fwN=2.56
sdE=132.9
fwE=2.37
20251119T013726.0001.fits
SecZ=1.01
Focus=-1.214
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.640 +0.070 -2.072
T123=17.1 18.2 21.4
ALT/AZ=82.6 10.8
fwAVG=2.55
sdW=24.2
fwW=2.52
sdS=18.8
fwS=2.75
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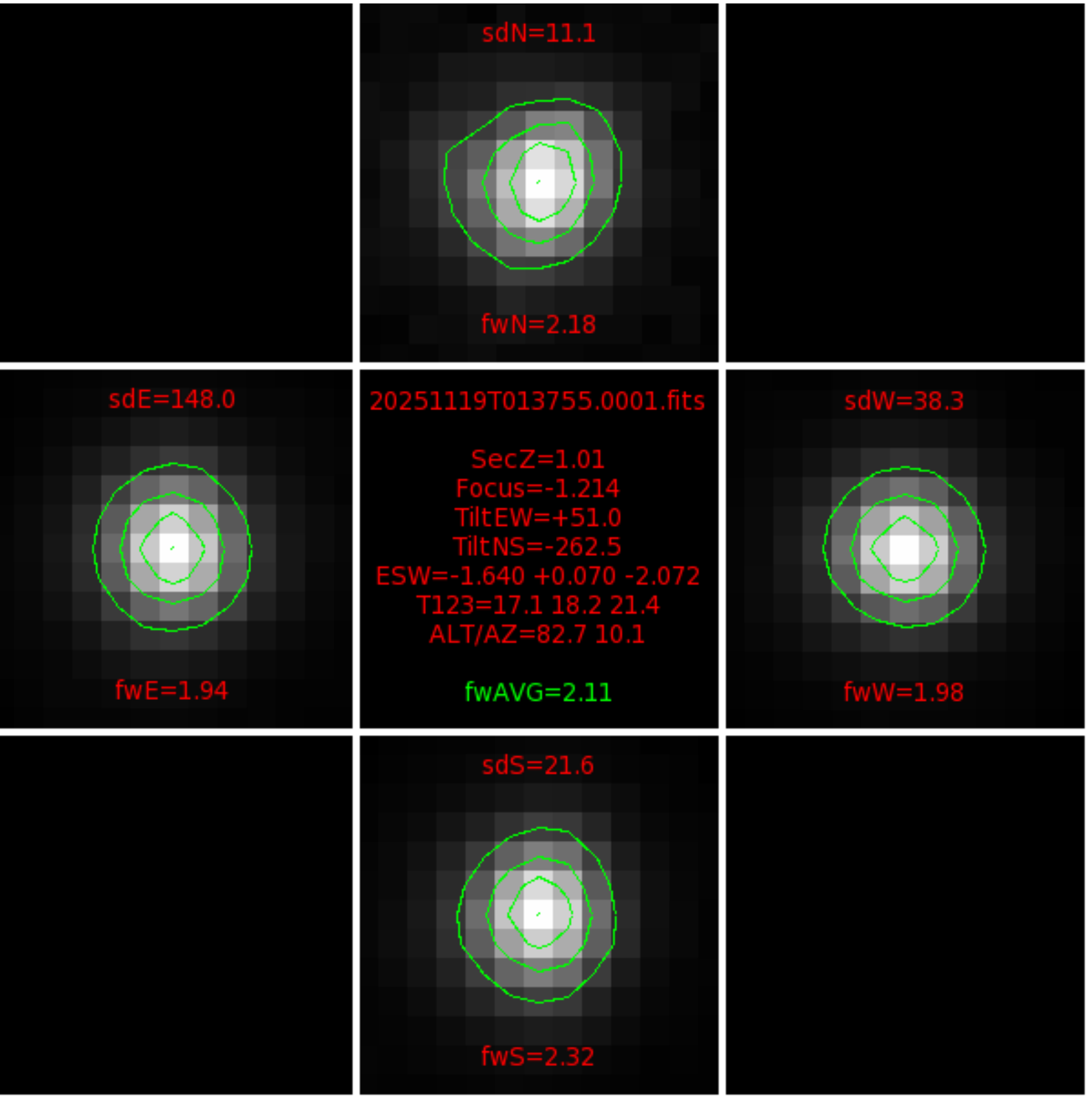
sdN=11.1
fwN=2.18
sdE=148.0
fwE=1.94
20251119T013755.0001.fits
SecZ=1.01
Focus=-1.214
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.640 +0.070 -2.072
T123=17.1 18.2 21.4
ALT/AZ=82.7 10.1
fwAVG=2.11
sdW=38.3
fwW=1.98
sdS=21.6
fwS=2.32
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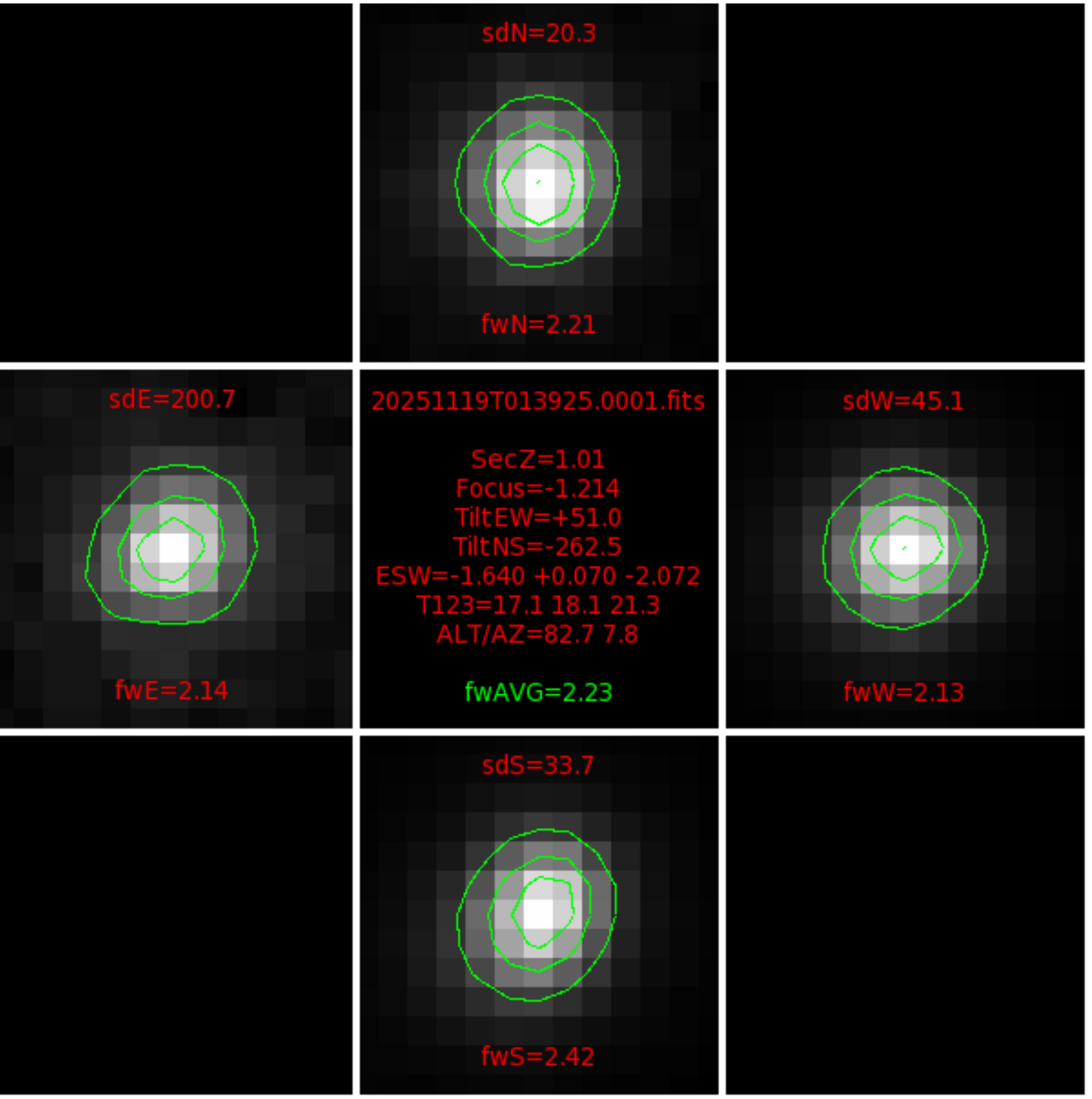
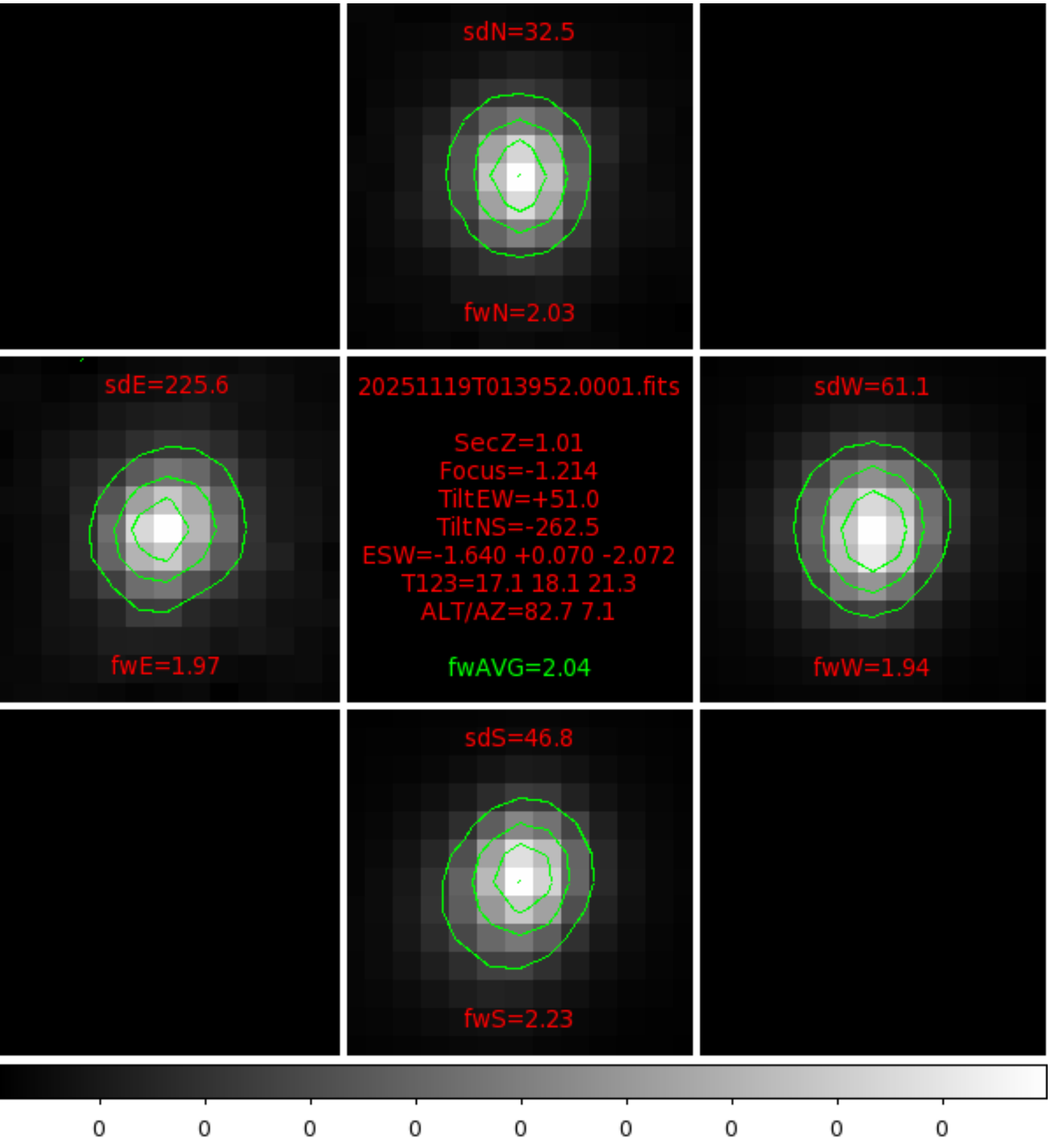

sdN=20.3
fwN=2.21
sdE=200.7
fwE=2.14
20251119T013925.0001.fits
SecZ=1.01
Focus=-1.214
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.640 +0.070 -2.072
T123=17.1 18.1 21.3
ALT/AZ=82.7 7.8
fwAVG=2.23
sdW=45.1
fwW=2.13
sdS=33.7
fwS=2.42
0 0 0 0 0 0 0 0 0


sdN=32.5
fwN=2.03
sdE=225.6
fwE=1.97
20251119T013952.0001.fits
SecZ=1.01
Focus=-1.214
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.640 +0.070 -2.072
T123=17.1 18.1 21.3
ALT/AZ=82.7 7.1
fwAVG=2.04
sdW=61.1
fwW=1.94
sdS=46.8
fwS=2.23
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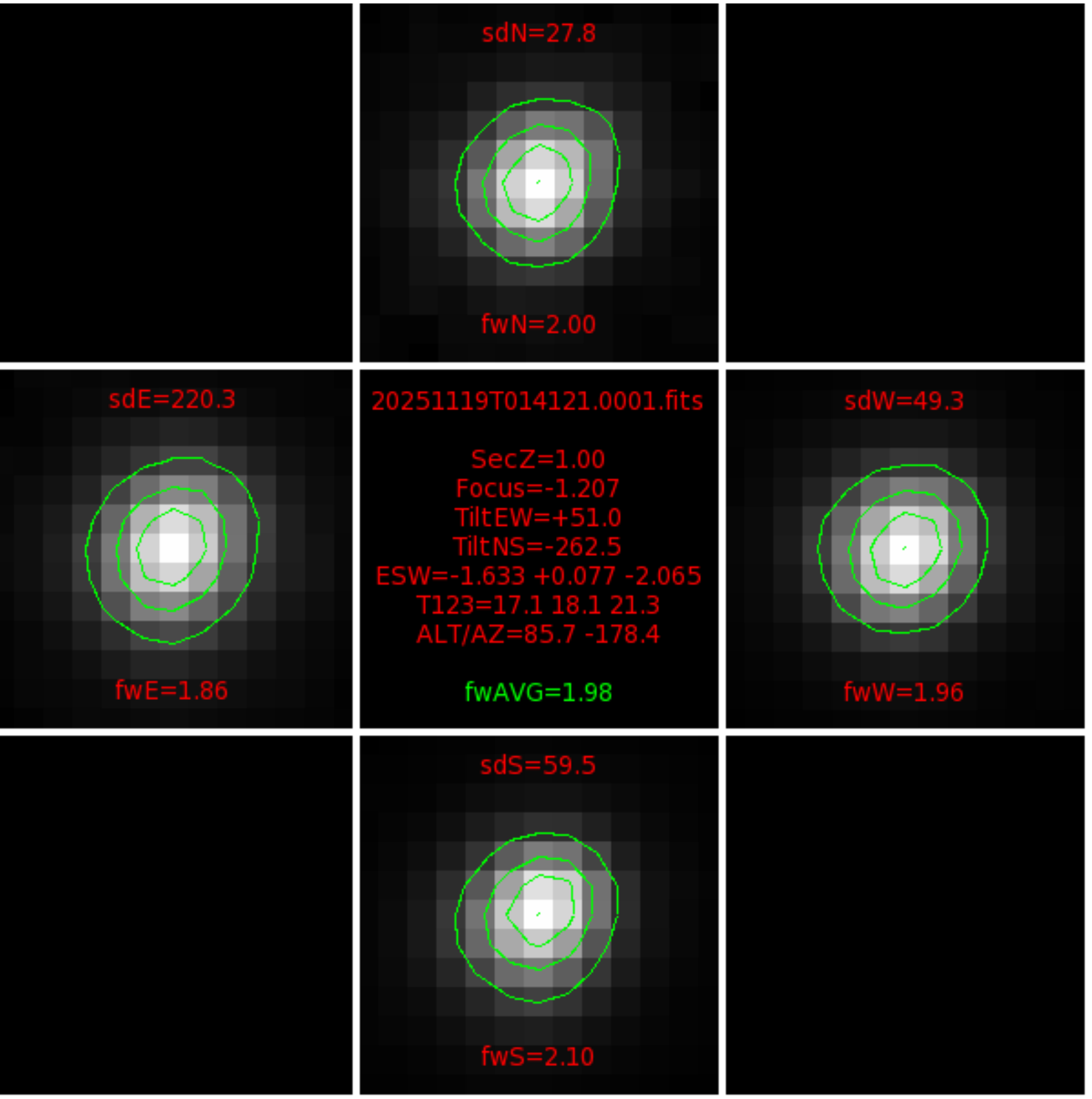
sdN=27.8
fwN=2.00
sdE=220.3
fwE=1.86
20251119T014121.0001.fits
SecZ=1.00
Focus=-1.207
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.633 +0.077 -2.065
T123=17.1 18.1 21.3
ALT/AZ=85.7 -178.4
fwAVG=1.98
sdW=49.3
fwW=1.96
sdS=59.5
fwS=2.10
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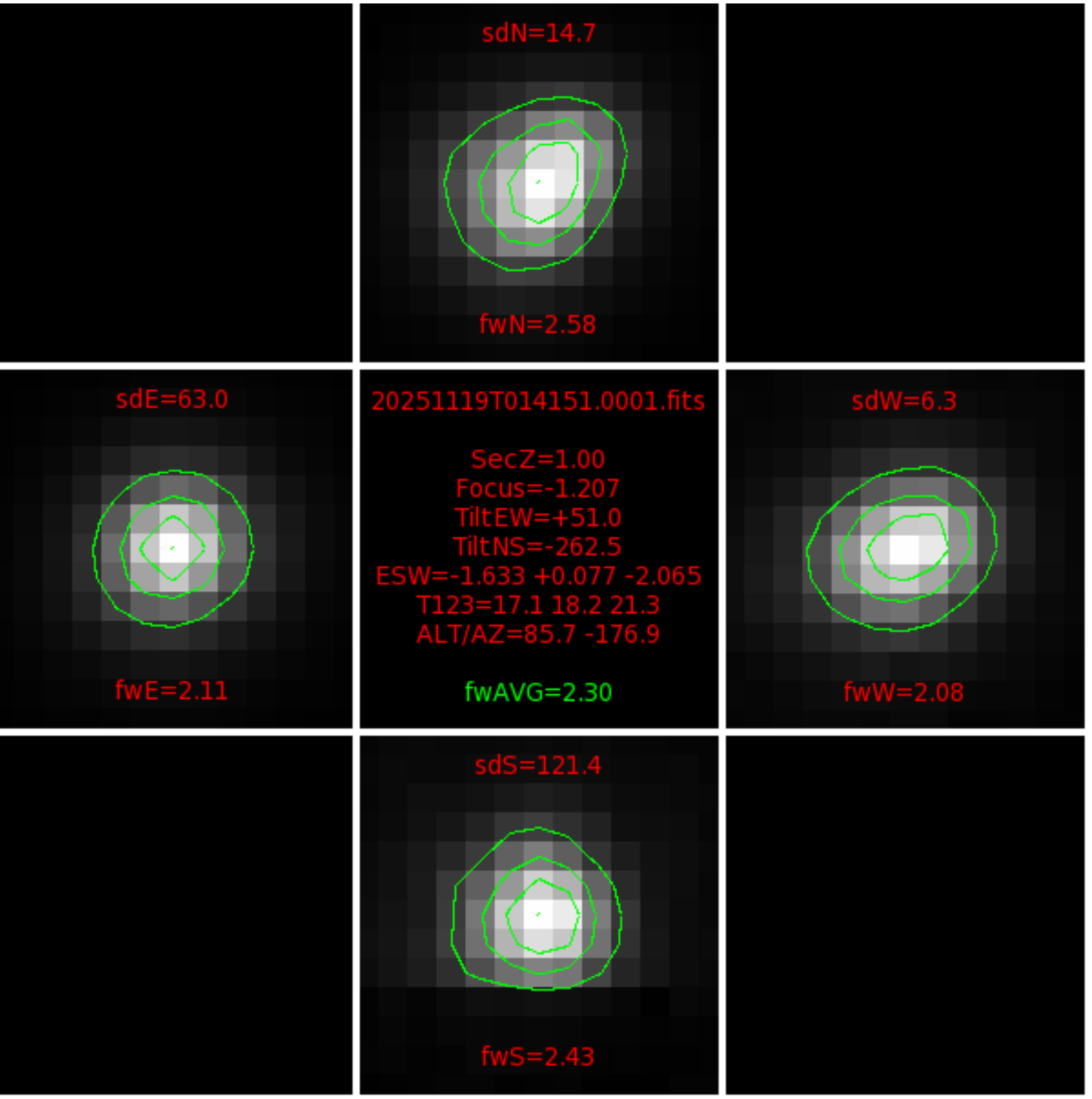
sdN=14.7
fwN=2.58
sdE=63.0
fwE=2.11
20251119T014151.0001.fits
SecZ=1.00
Focus=-1.207
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.633 +0.077 -2.065
T123=17.1 18.2 21.3
ALT/AZ=85.7 -176.9
fwAVG=2.30
sdW=6.3
fwW=2.08
sdS=121.4
fwS=2.43
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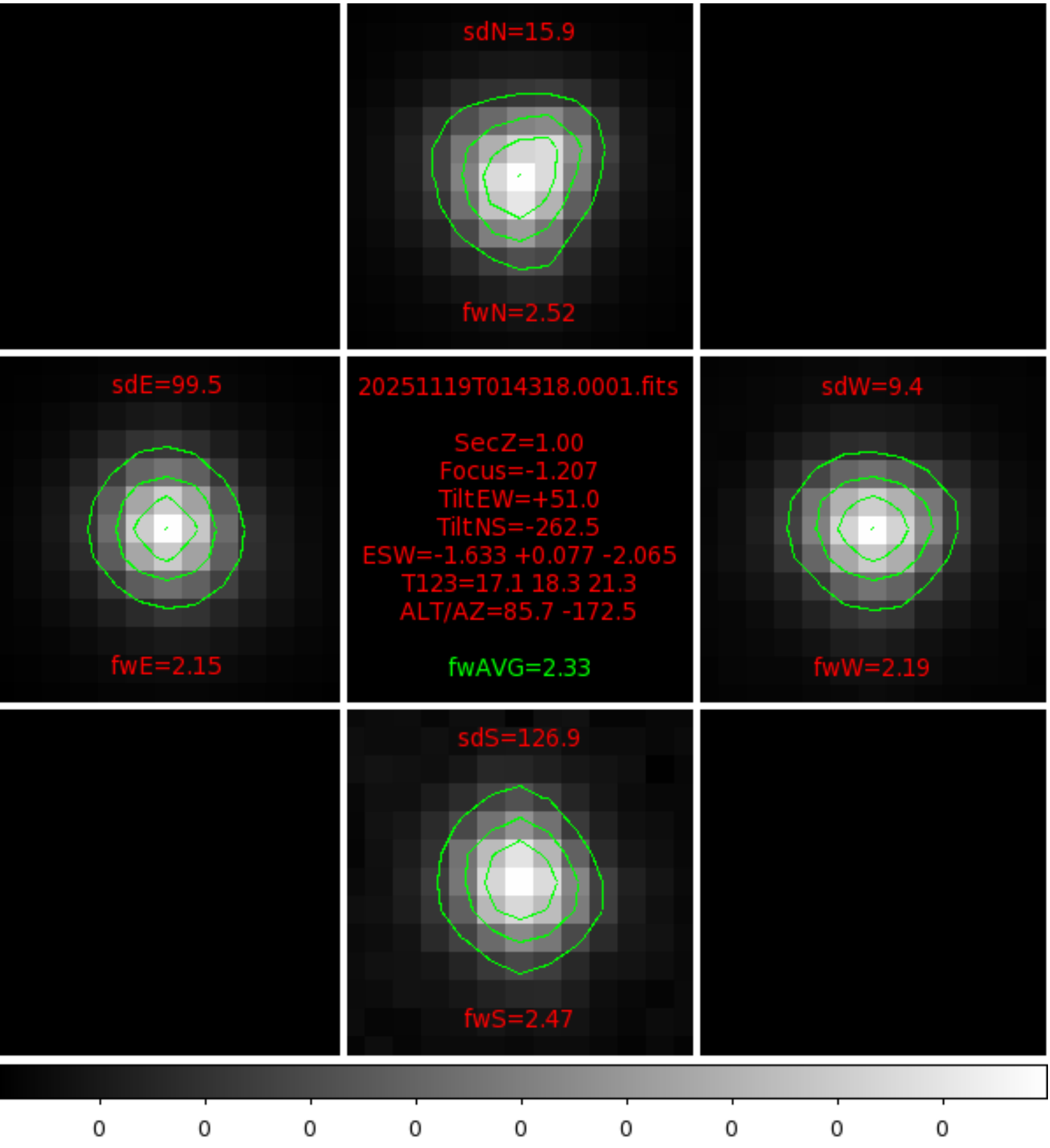
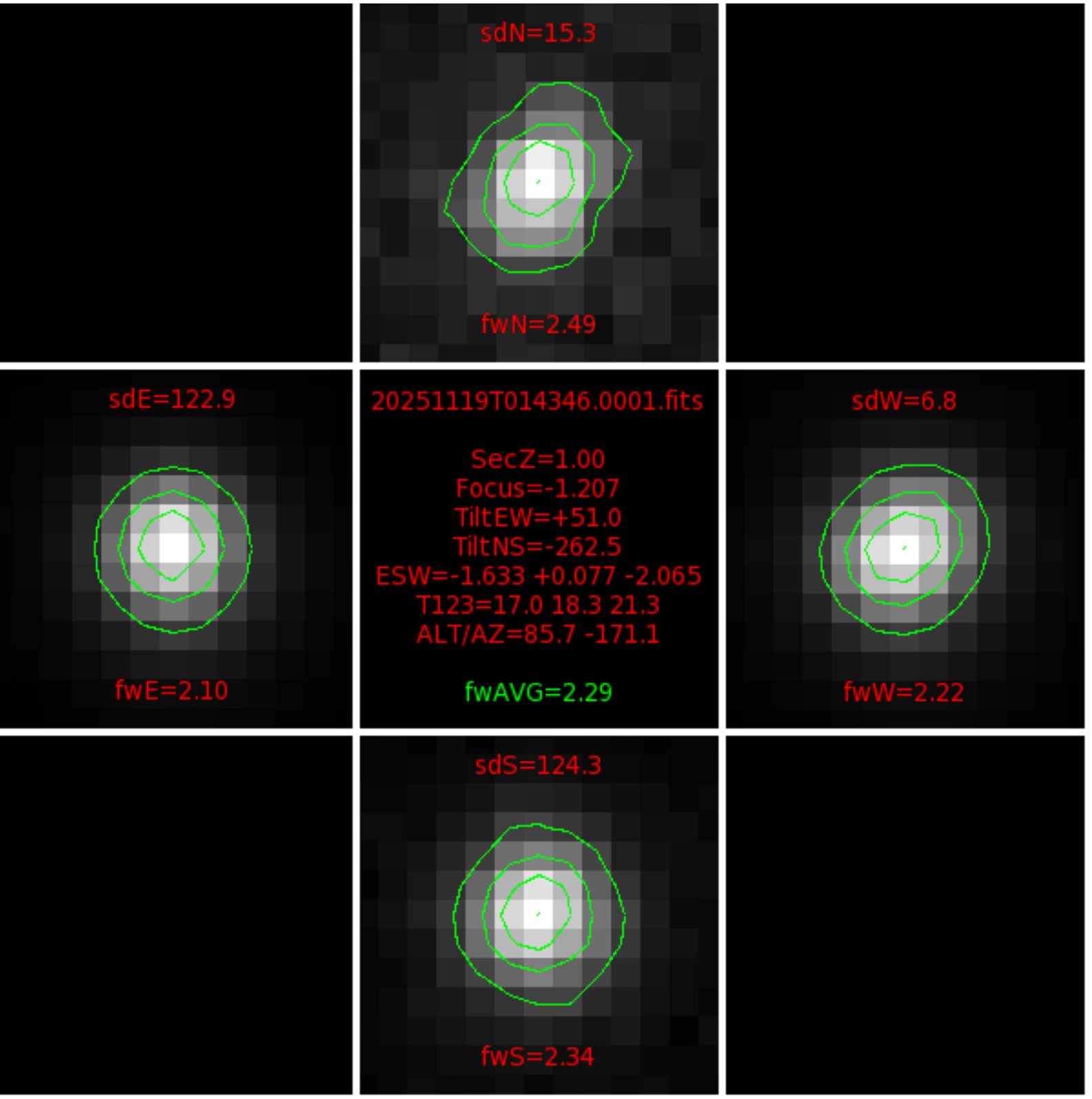
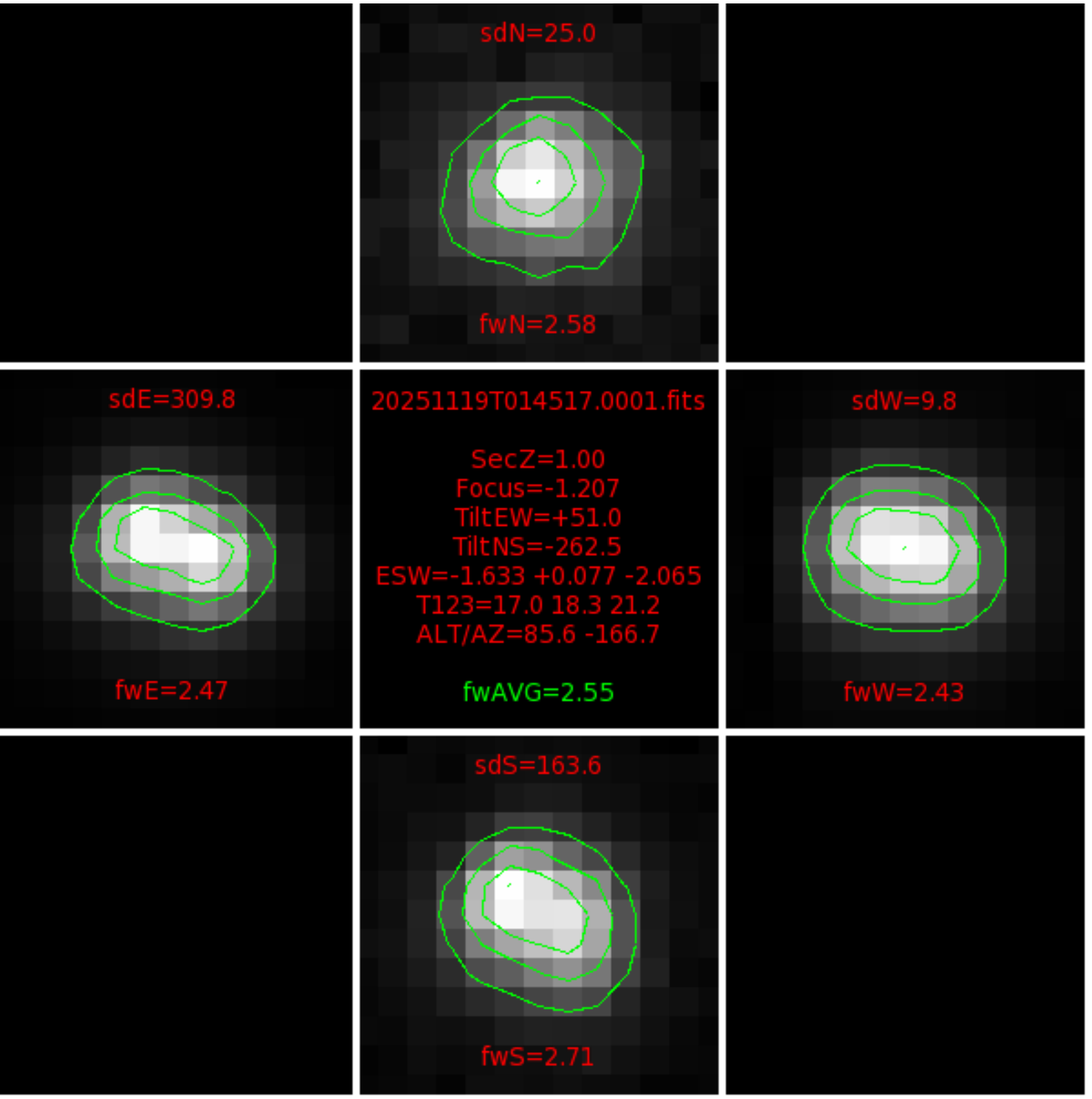
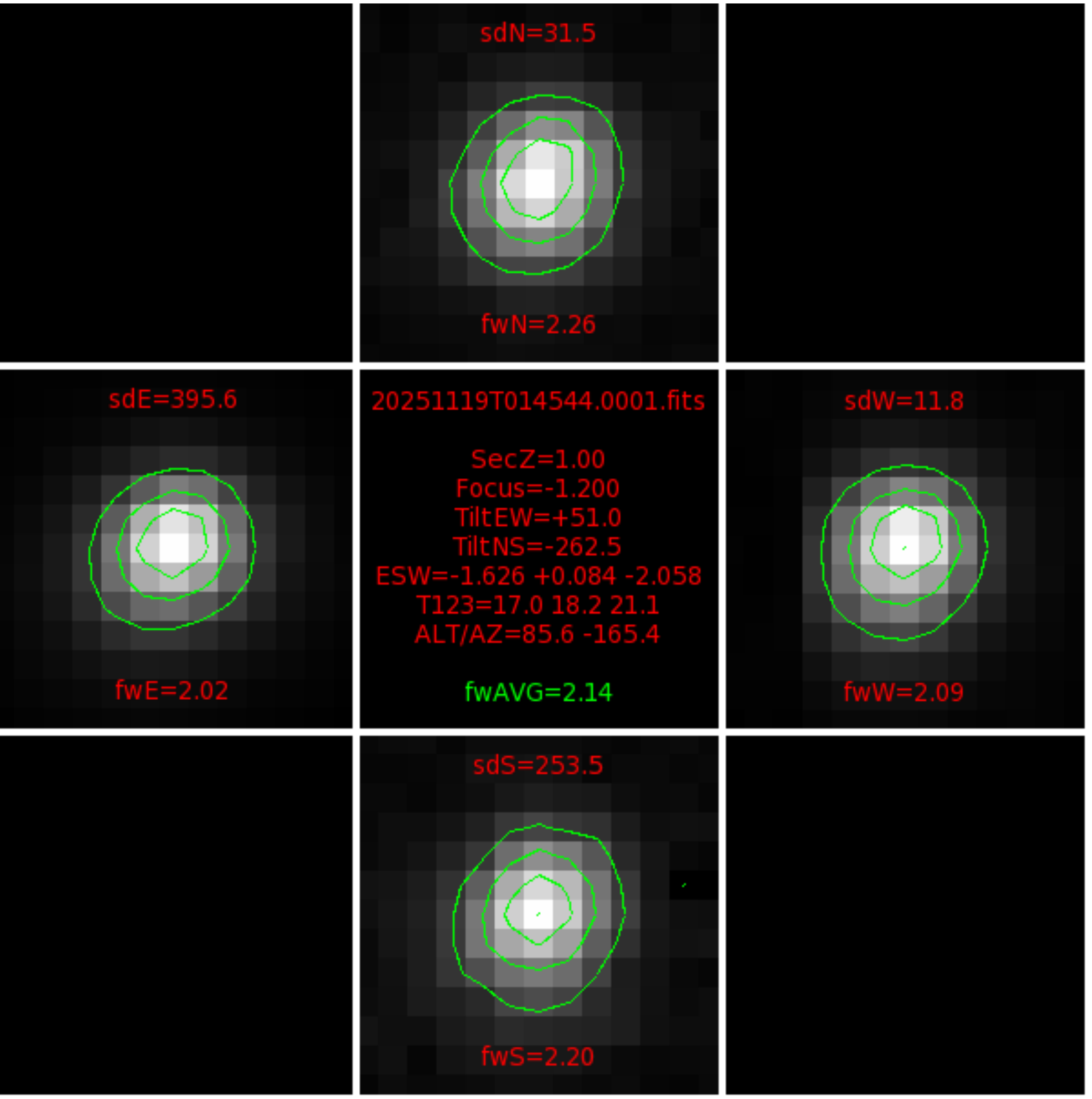
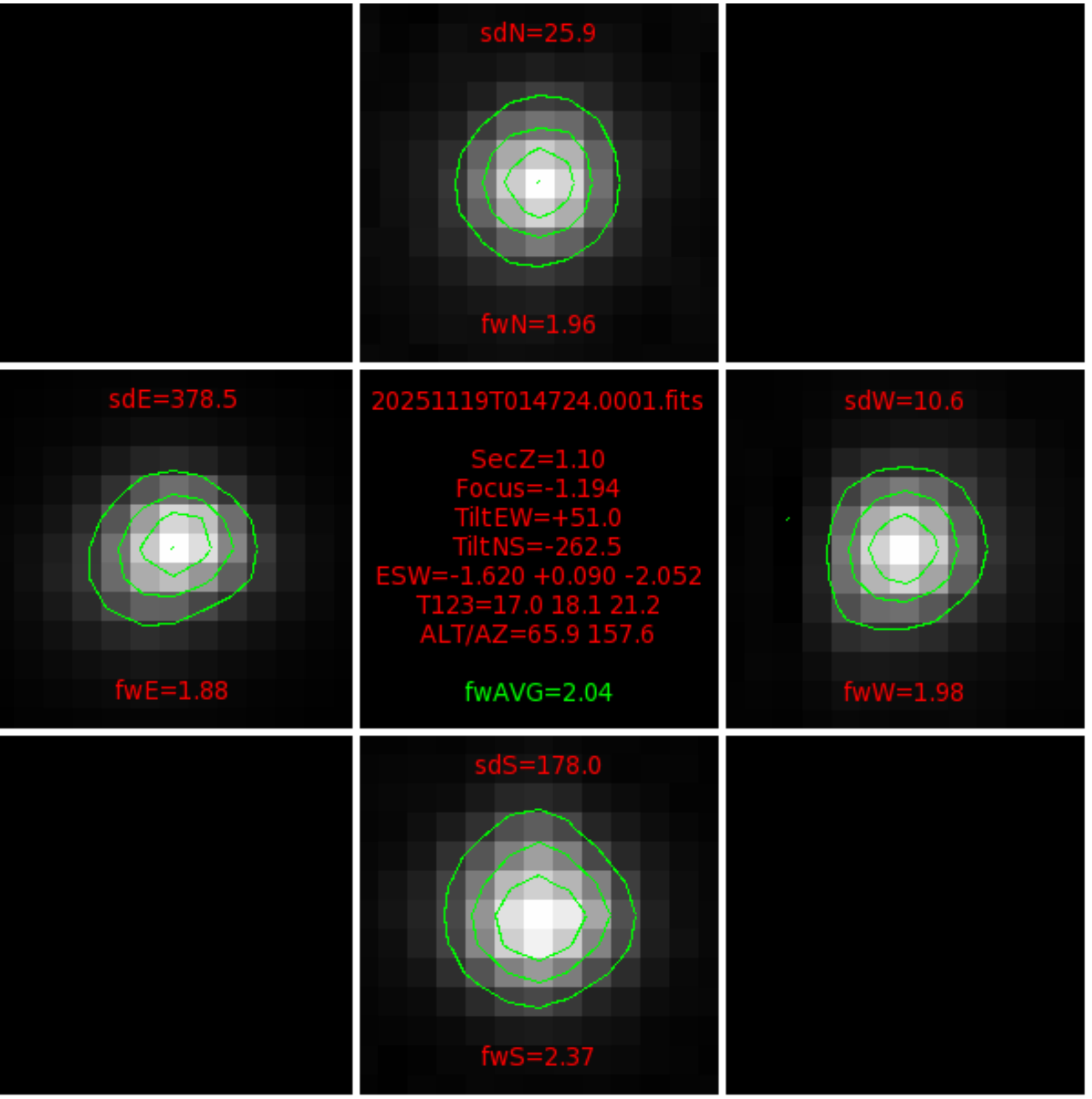
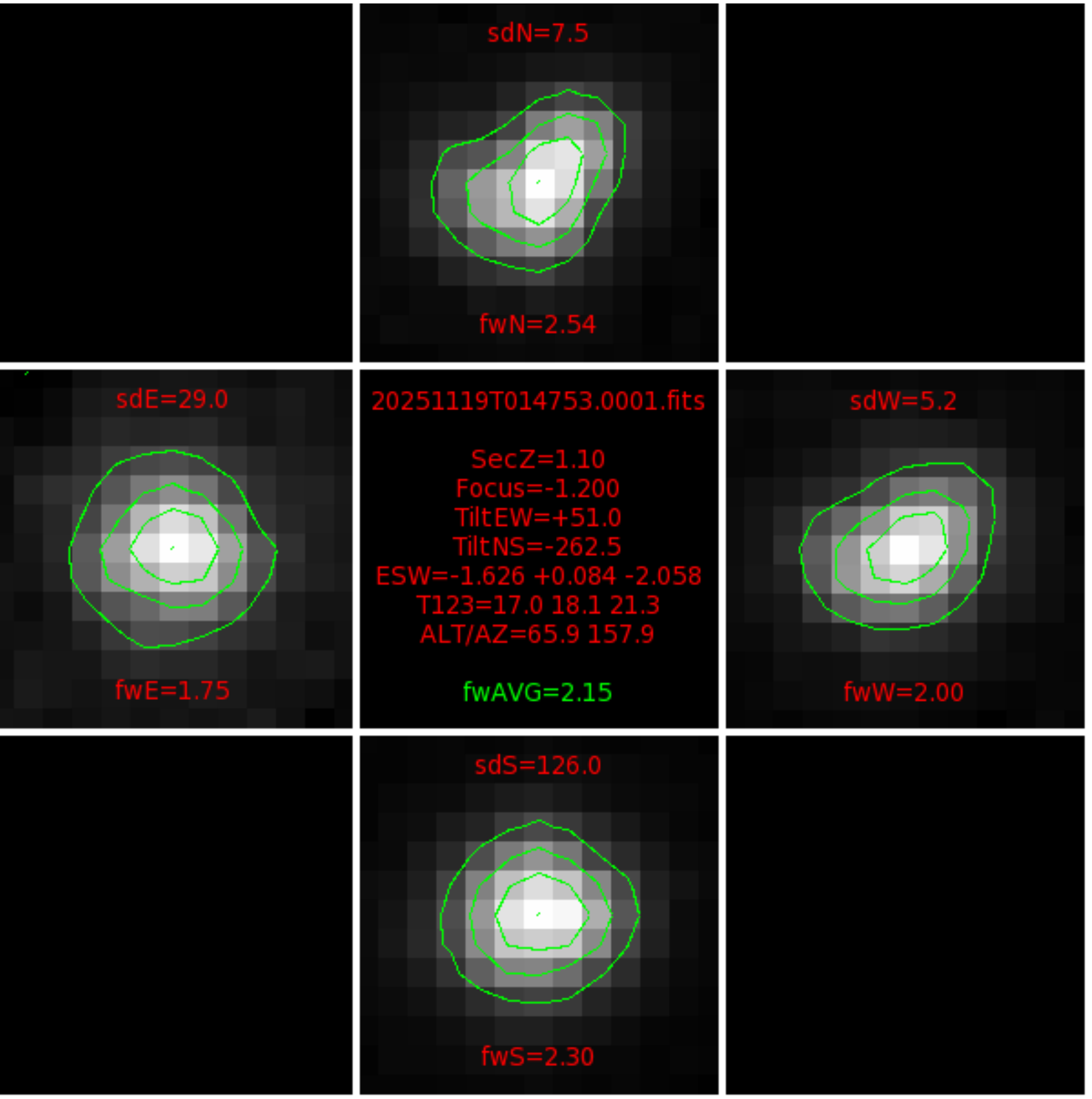

sdN=15.9
fwN=2.52
sdE=99.5
fwE=2.15
20251119T014318.0001.fits
SecZ=1.00
Focus=-1.207
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.633 +0.077 -2.065
T123=17.1 18.3 21.3
ALT/AZ=85.7 -172.5
fwAVG=2.33
sdW=9.4
fwW=2.19
sdS=126.9
fwS=2.47
0 0 0 0 0 0 0 0 0

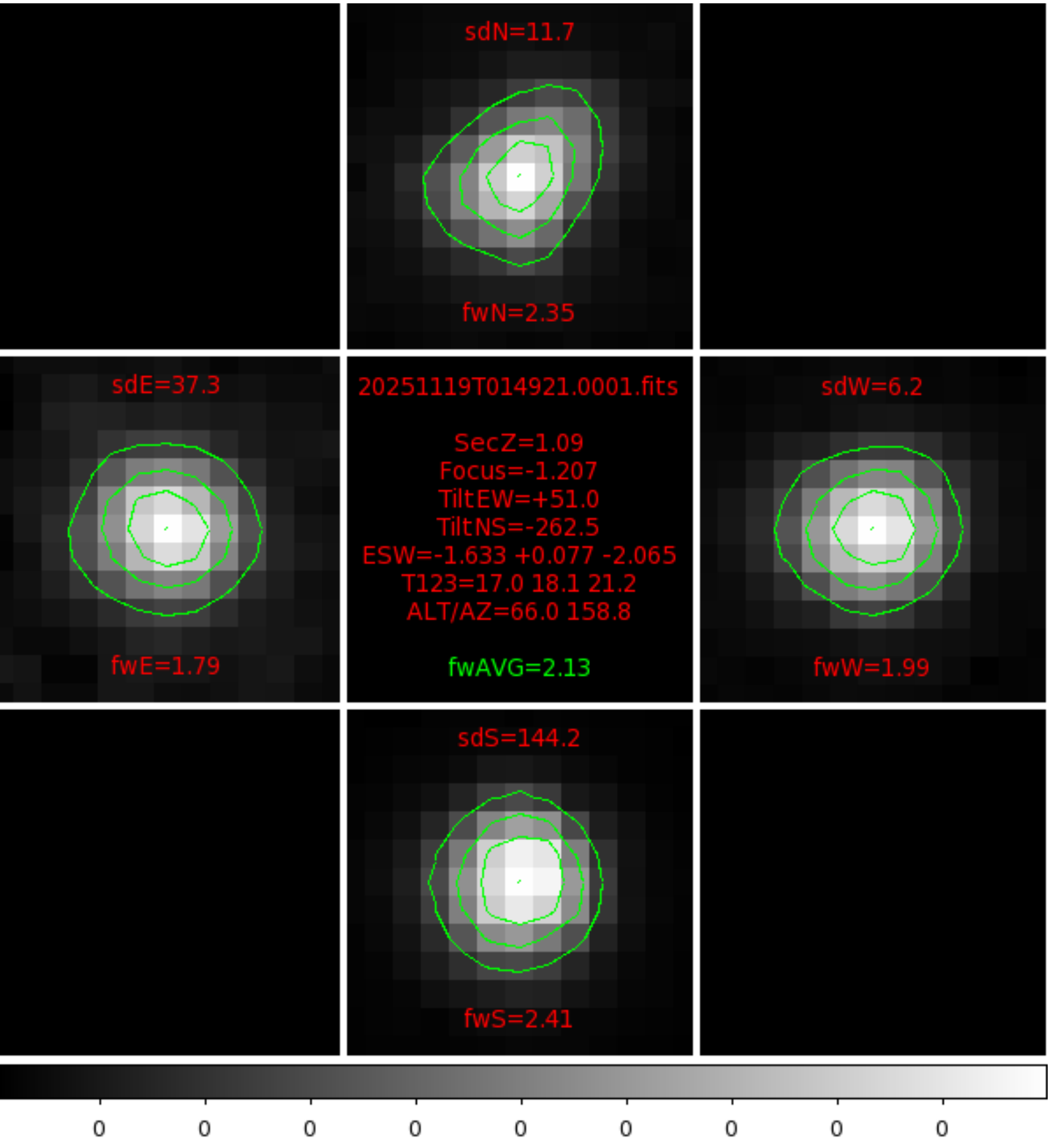

sdN=15.3
fwN=2.49
sdE=122.9
fwE=2.10
20251119T014346.0001.fits
SecZ=1.00
Focus=-1.207
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.633 +0.077 -2.065
T123=17.0 18.3 21.3
ALT/AZ=85.7 -171.1
fwAVG=2.29
sdW=6.8
fwW=2.22
sdS=124.3
fwS=2.34
0 0 0 0 0 0 0 0 0

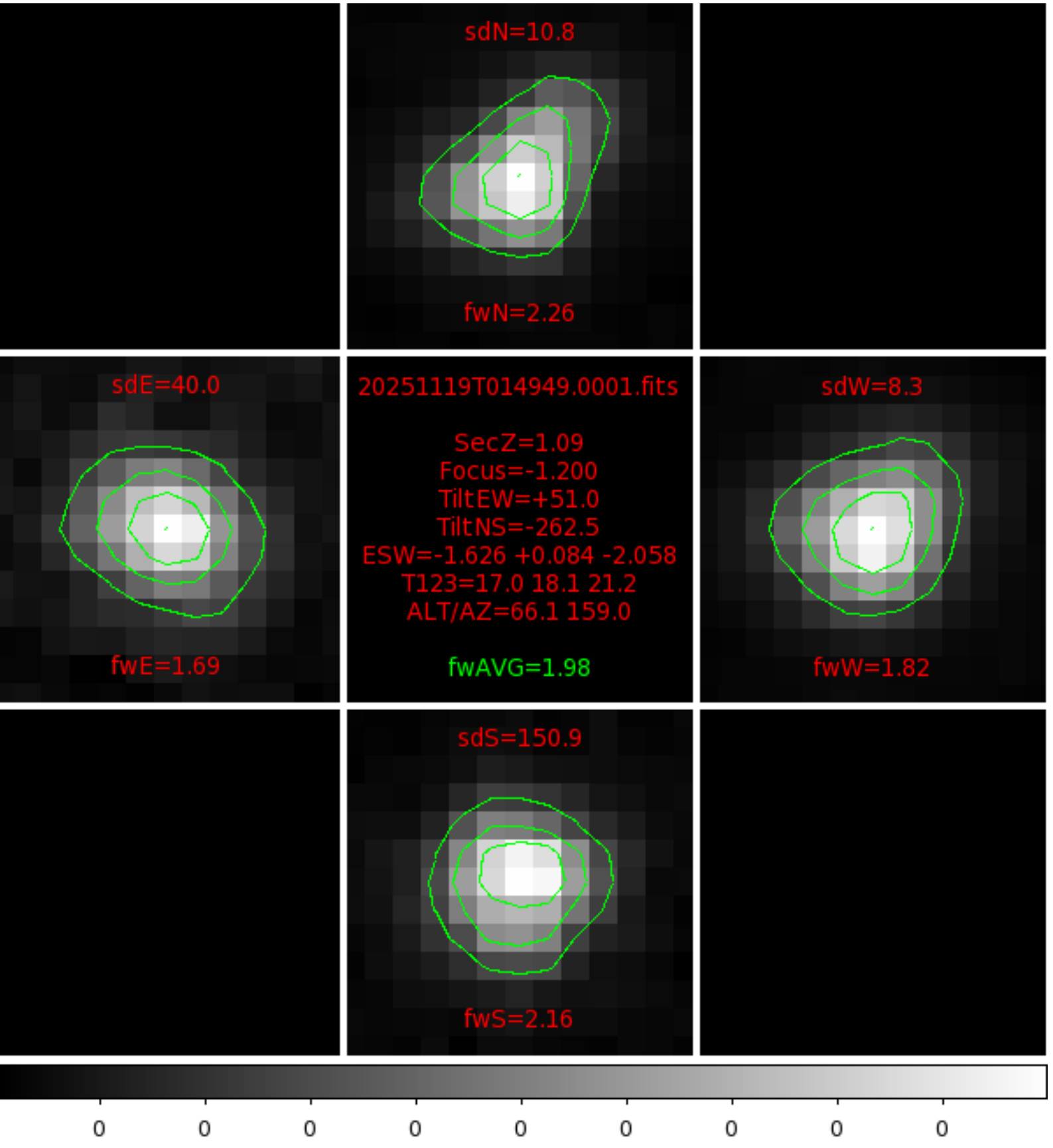

sdN=25.0
fwN=2.58
sdE=309.8
fwE=2.47
20251119T014517.0001.fits
SecZ=1.00
Focus=-1.207
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.633 +0.077 -2.065
T123=17.0 18.3 21.2
ALT/AZ=85.6 -166.7
fwAVG=2.55
sdW=9.8
fwW=2.43
sdS=163.6
fwS=2.71
0 0 0 0 0 0 0 0 0


sdN=31.5
fwN=2.26
sdE=395.6
fwE=2.02
20251119T014544.0001.fits
SecZ=1.00
Focus=-1.200
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.626 +0.084 -2.058
T123=17.0 18.2 21.1
ALT/AZ=85.6 -165.4
fwAVG=2.14
sdW=11.8
fwW=2.09
sdS=253.5
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=25.9
fwN=1.96
sdE=378.5
fwE=1.88
20251119T014724.0001.fits
SecZ=1.10
Focus=-1.194
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.620 +0.090 -2.052
T123=17.0 18.1 21.2
ALT/AZ=65.9 157.6
fwAVG=2.04
sdW=10.6
fwW=1.98
sdS=178.0
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=7.5
fwN=2.54
sdE=29.0
fwE=1.75
20251119T014753.0001.fits
SecZ=1.10
Focus=-1.200
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.626 +0.084 -2.058
T123=17.0 18.1 21.3
ALT/AZ=65.9 157.9
fwAVG=2.15
sdW=5.2
fwW=2.00
sdS=126.0
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=11.7
fwN=2.35
sdE=37.3
fwE=1.79
20251119T014921.0001.fits
SecZ=1.09
Focus=-1.207
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.633 +0.077 -2.065
T123=17.0 18.1 21.2
ALT/AZ=66.0 158.8
fwAVG=2.13
sdW=6.2
fwW=1.99
sdS=144.2
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=10.8
fwN=2.26
sdE=40.0
fwE=1.69
20251119T014949.0001.fits
SecZ=1.09
Focus=-1.200
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.626 +0.084 -2.058
T123=17.0 18.1 21.2
ALT/AZ=66.1 159.0
fwAVG=1.98
sdW=8.3
fwW=1.82
sdS=150.9
fwS=2.16
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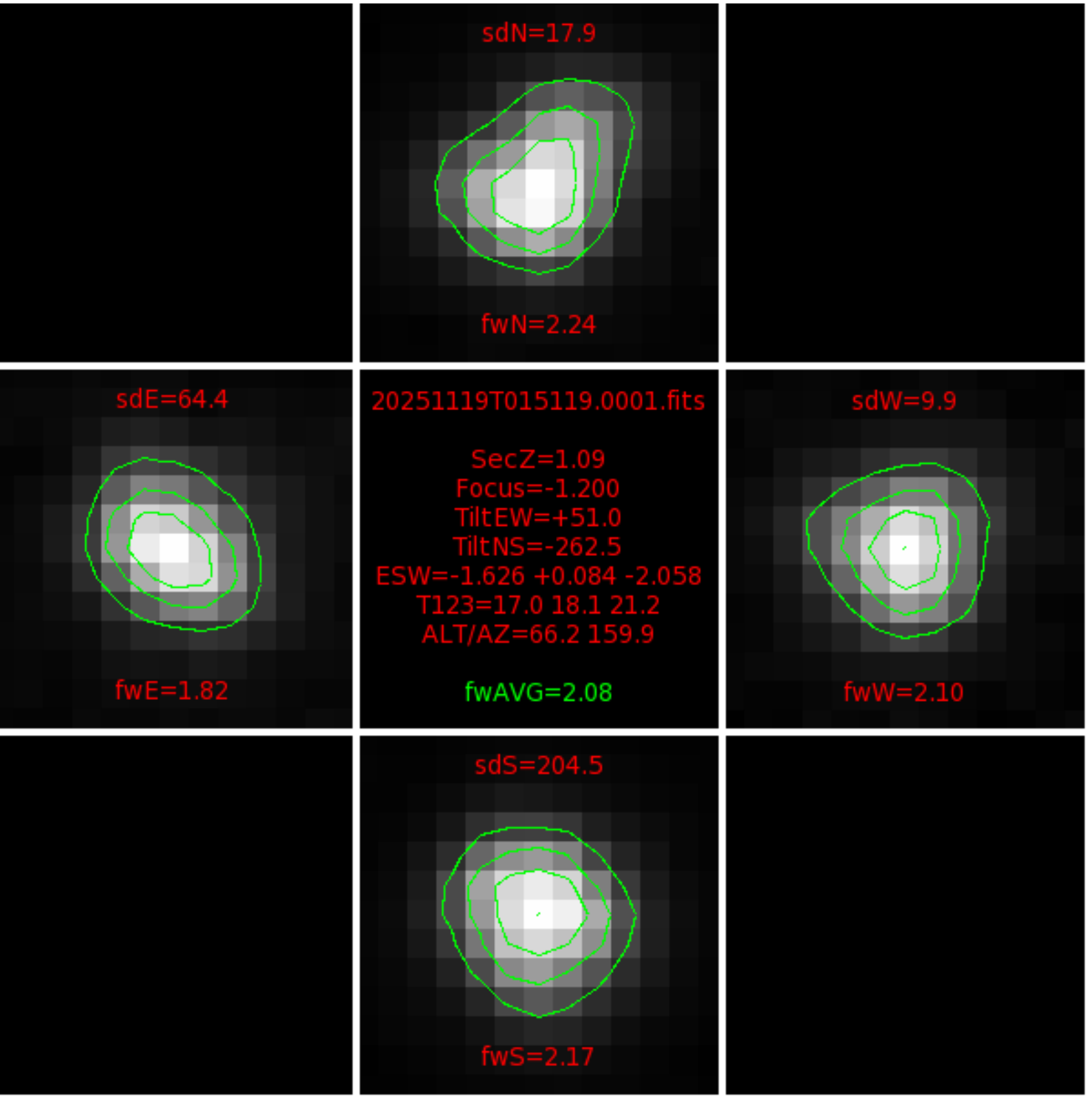
sdN=17.9
fwN=2.24
sdE=64.4
fwE=1.82
20251119T015119.0001.fits
SecZ=1.09
Focus=-1.200
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.626 +0.084 -2.058
T123=17.0 18.1 21.2
ALT/AZ=66.2 159.9
fwAVG=2.08
sdW=9.9
fwW=2.10
sdS=204.5
fwS=2.17
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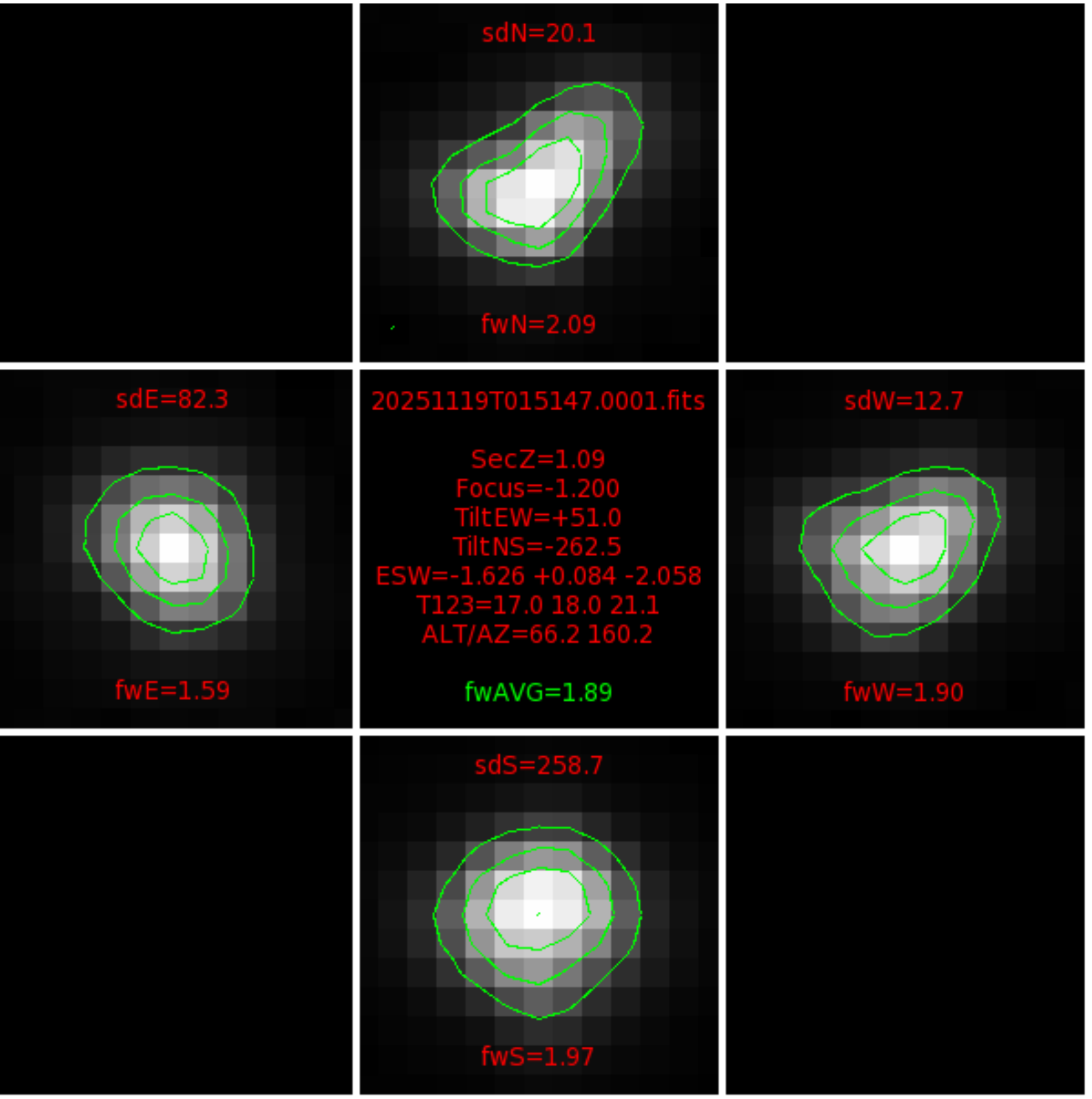
sdN=20.1
fwN=2.09
sdE=82.3
fwE=1.59
20251119T015147.0001.fits
SecZ=1.09
Focus=-1.200
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.626 +0.084 -2.058
T123=17.0 18.0 21.1
ALT/AZ=66.2 160.2
fwAVG=1.89
sdW=12.7
fwW=1.90
sdS=258.7
fwS=1.97
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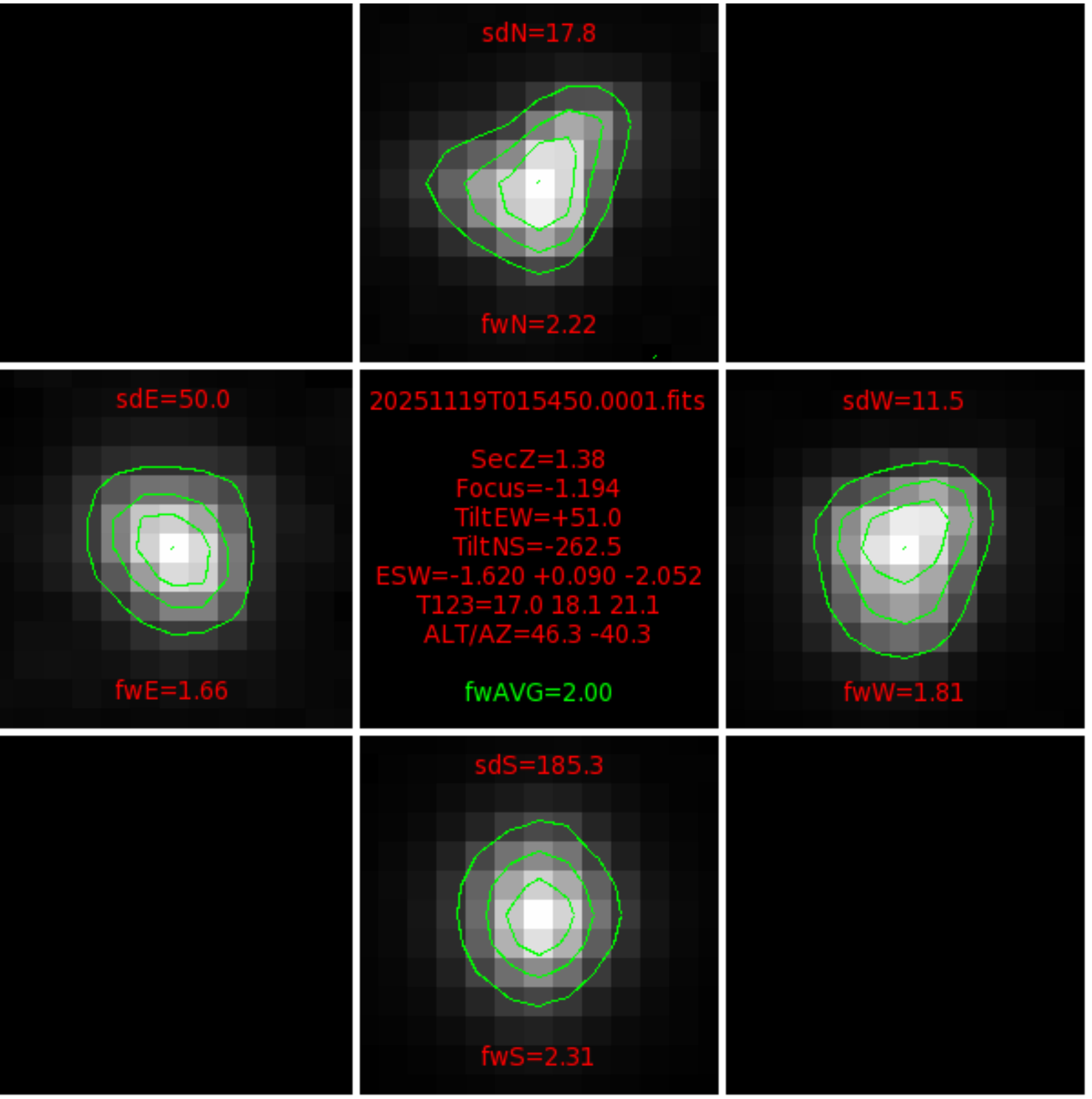
sdN=17.8
fwN=2.22
sdE=50.0
fwE=1.66
20251119T015450.0001.fits
SecZ=1.38
Focus=-1.194
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.620 +0.090 -2.052
T123=17.0 18.1 21.1
ALT/AZ=46.3 -40.3
fwAVG=2.00
sdW=11.5
fwW=1.81
sdS=185.3
fwS=2.31
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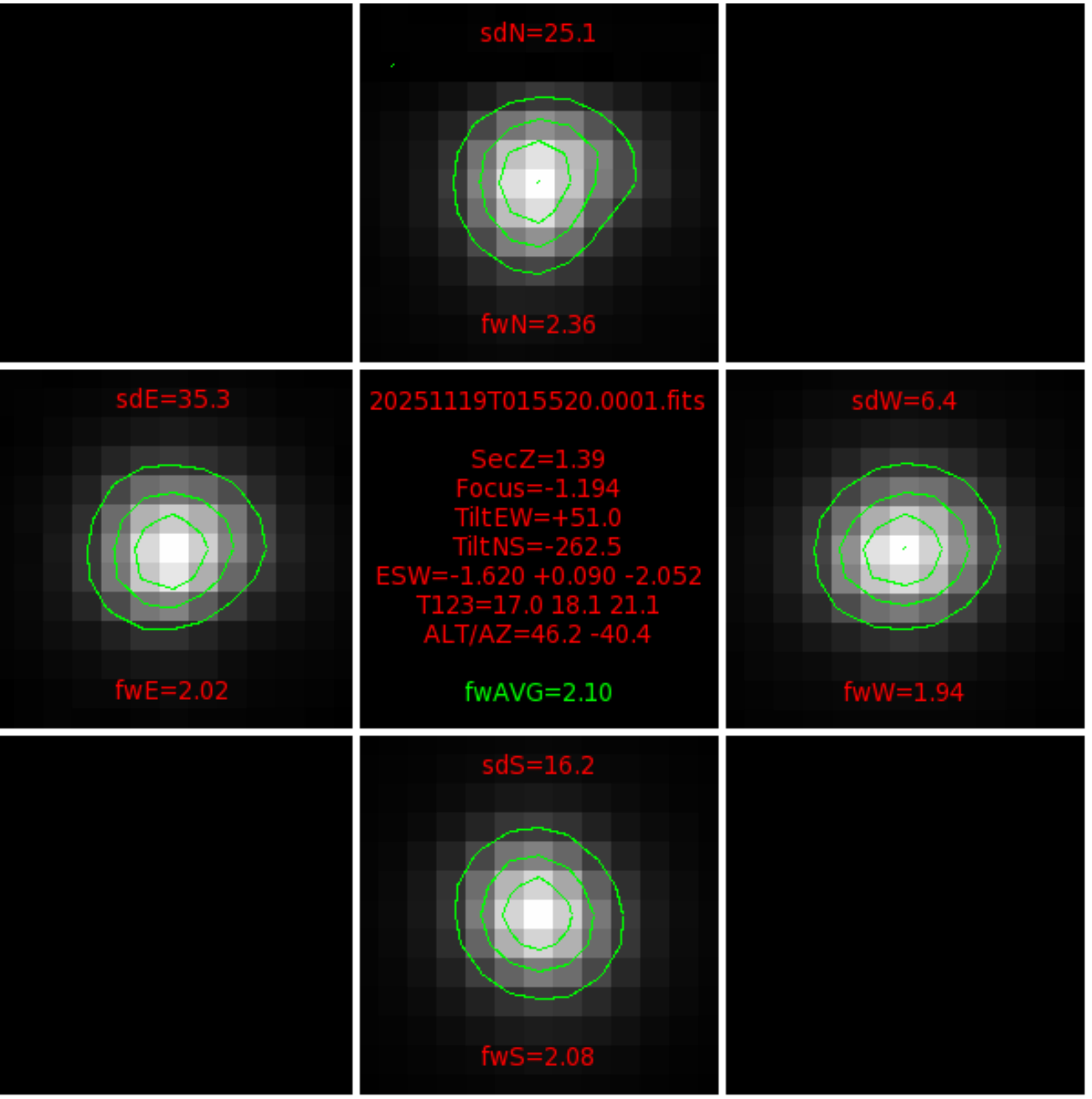
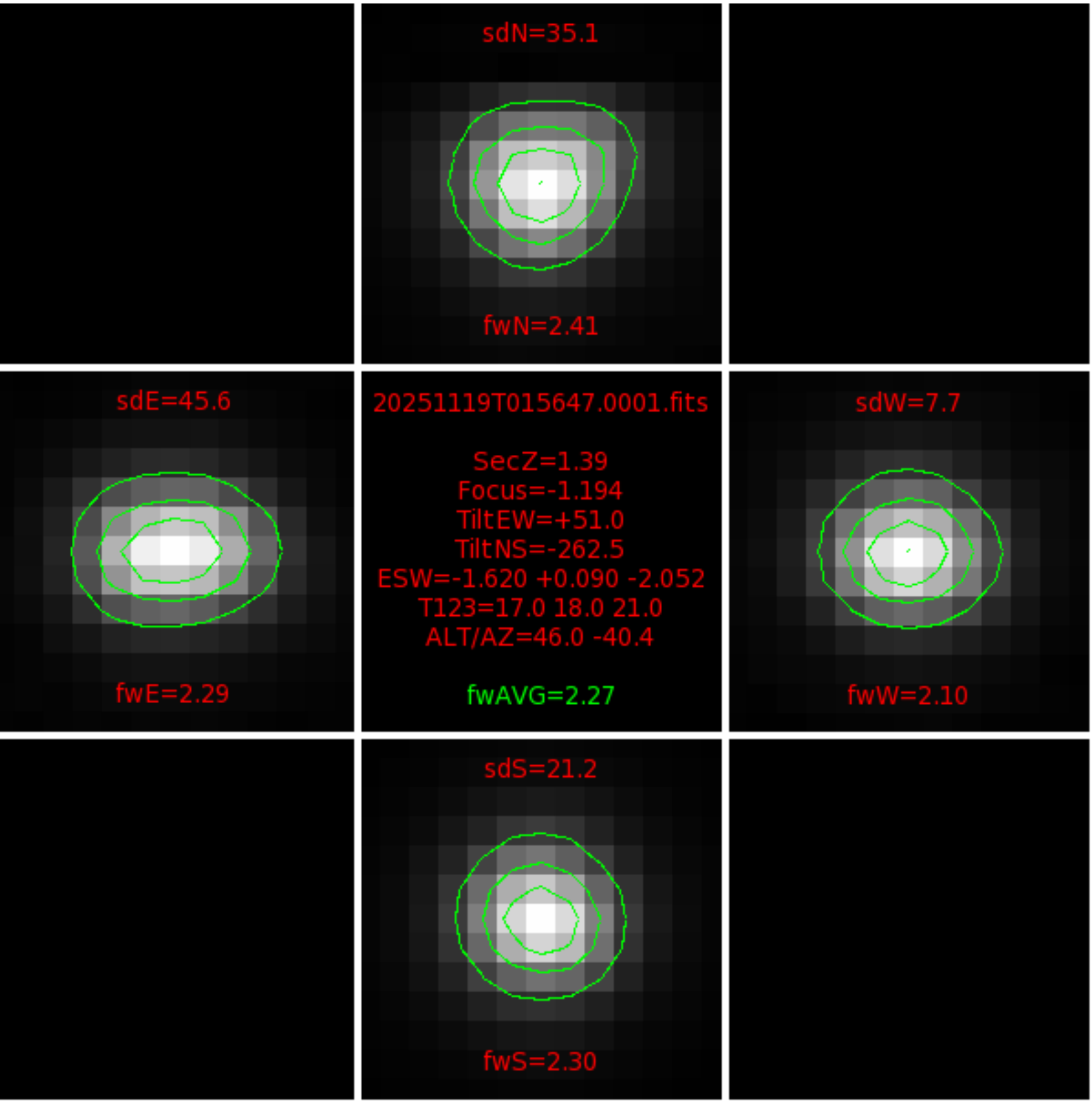
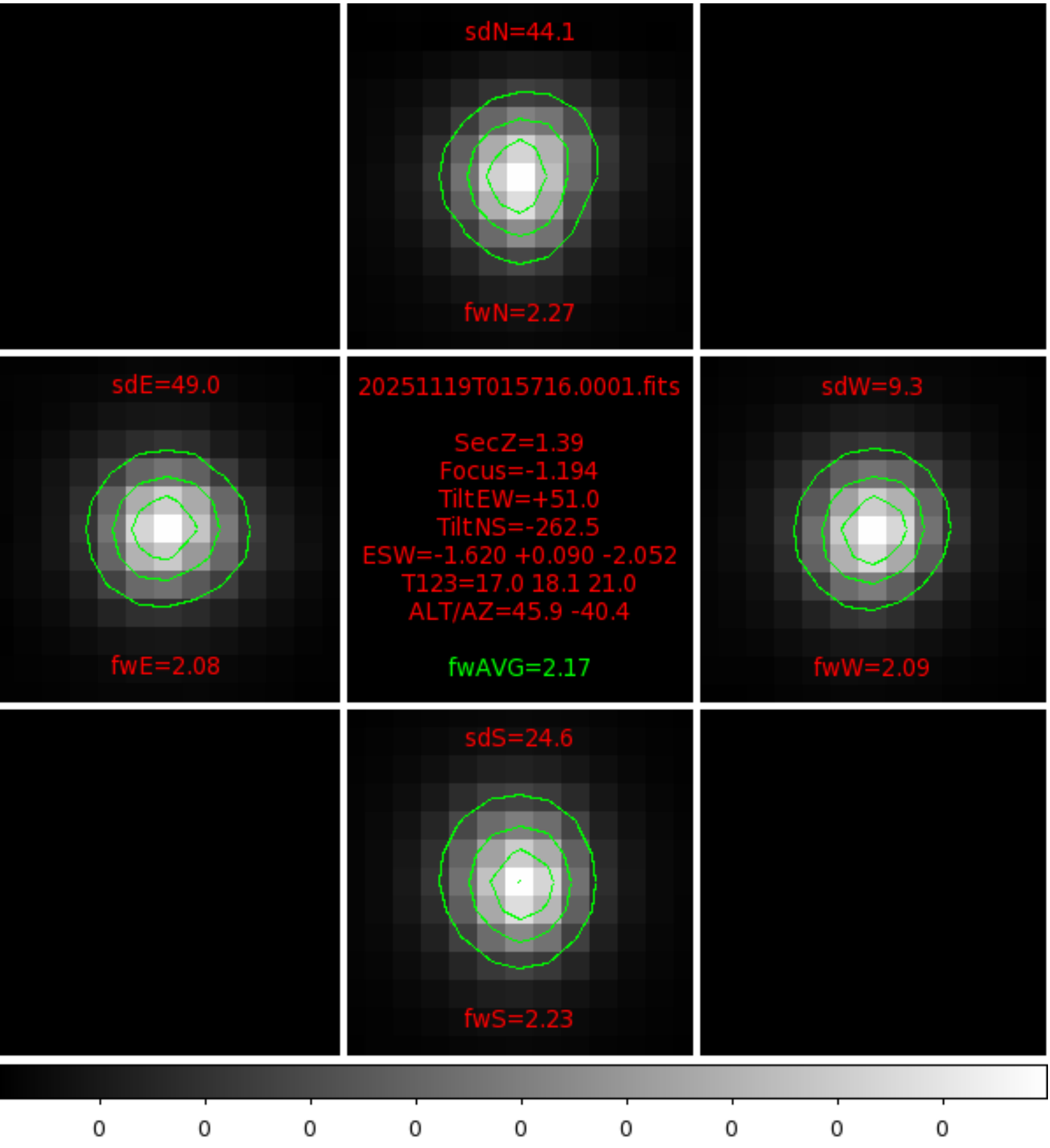
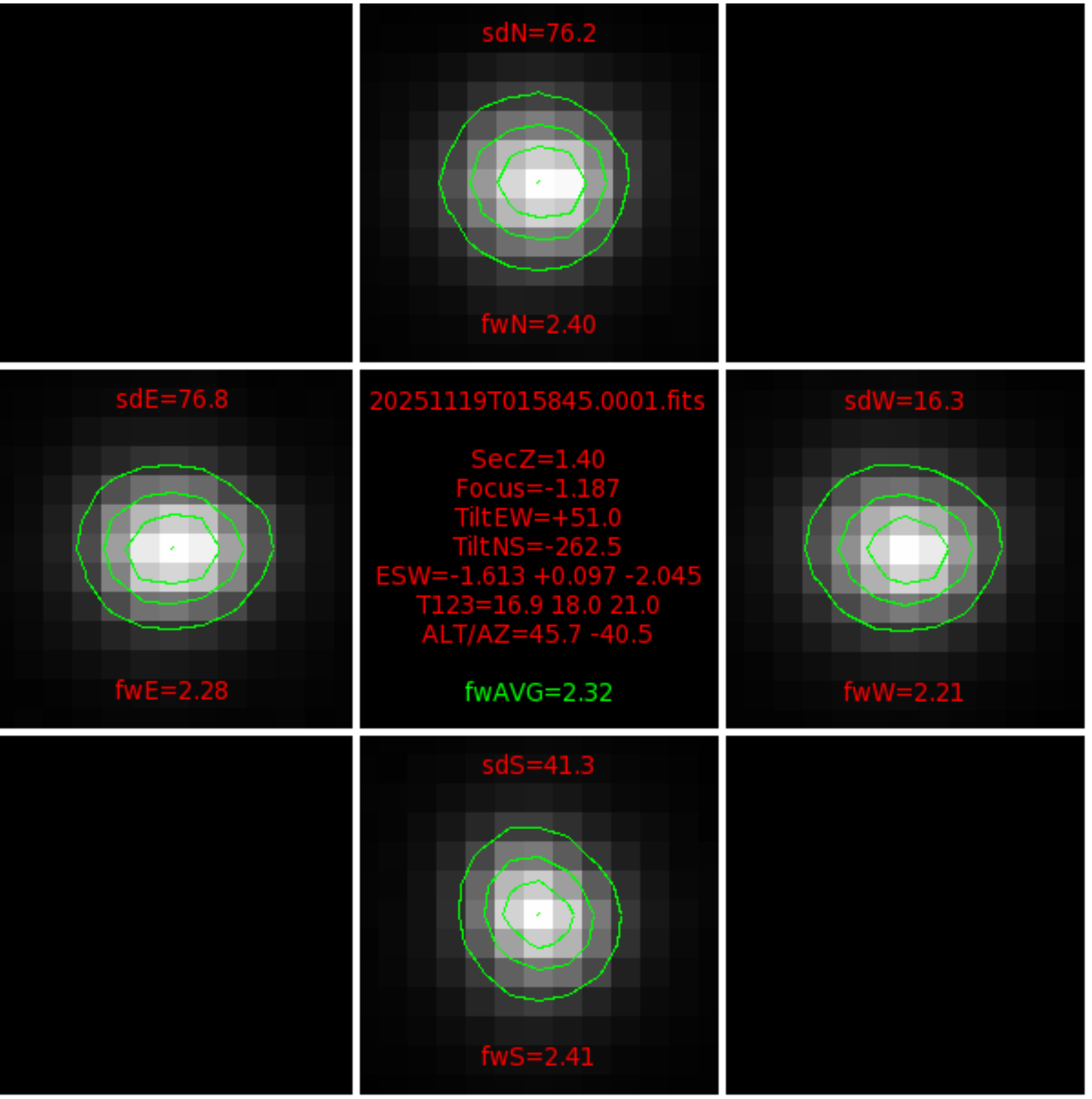
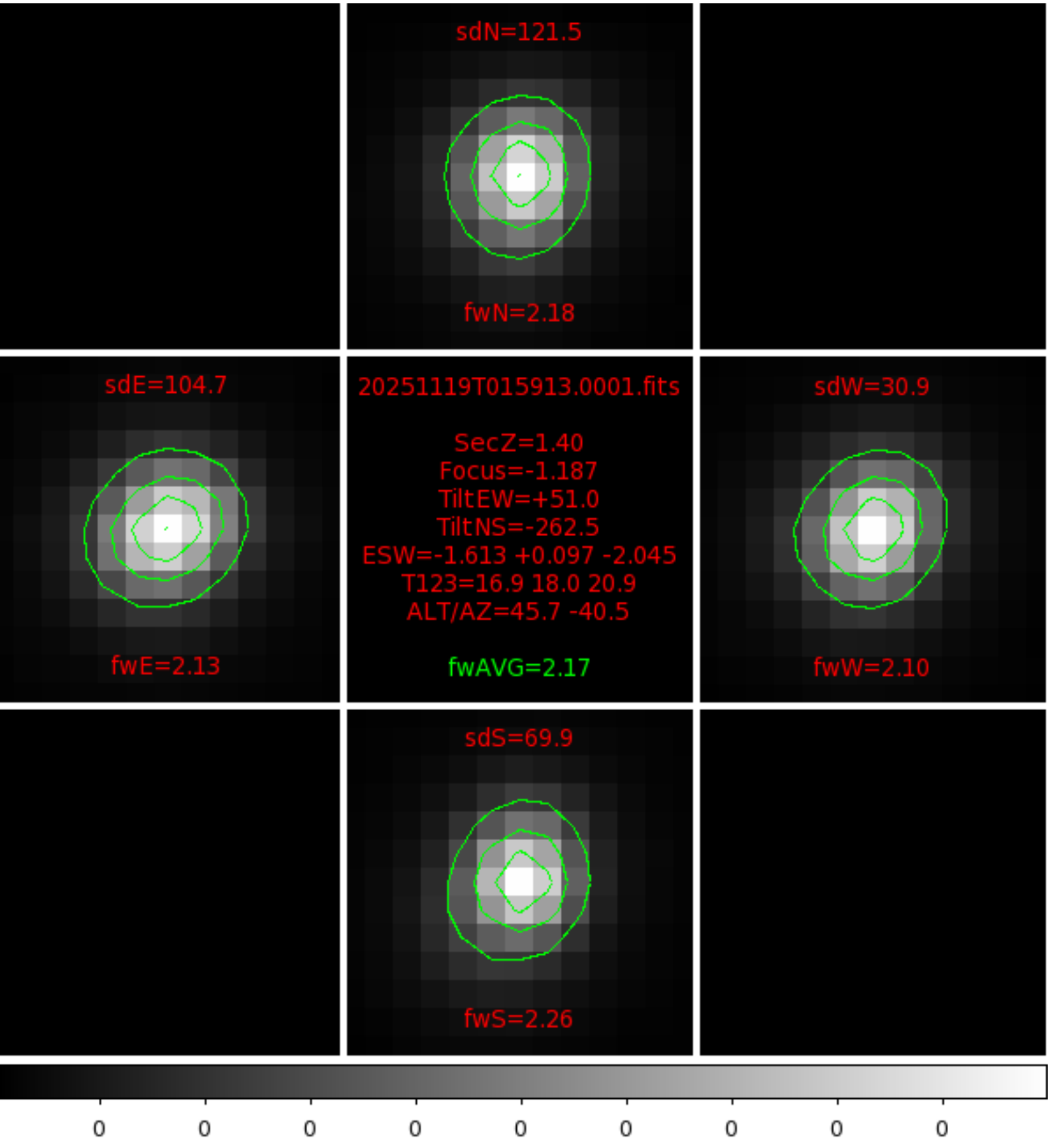

sdN=25.1
fwN=2.36
sdE=35.3
fwE=2.02
20251119T015520.0001.fits
SecZ=1.39
Focus=-1.194
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.620 +0.090 -2.052
T123=17.0 18.1 21.1
ALT/AZ=46.2 -40.4
fwAVG=2.10
sdW=6.4
fwW=1.94
sdS=16.2
fwS=2.08
0 0 0 0 0 0 0 0 0


sdN=35.1
fwN=2.41
sdE=45.6
fwE=2.29
20251119T015647.0001.fits
SecZ=1.39
Focus=-1.194
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.620 +0.090 -2.052
T123=17.0 18.0 21.0
ALT/AZ=46.0 -40.4
fwAVG=2.27
sdW=7.7
fwW=2.10
sdS=21.2
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=44.1
fwN=2.27
sdE=49.0
fwE=2.08
20251119T015716.0001.fits
SecZ=1.39
Focus=-1.194
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.620 +0.090 -2.052
T123=17.0 18.1 21.0
ALT/AZ=45.9 -40.4
fwAVG=2.17
sdW=9.3
fwW=2.09
sdS=24.6
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=76.2
fwN=2.40
sdE=76.8
fwE=2.28
20251119T015845.0001.fits
SecZ=1.40
Focus=-1.187
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.613 +0.097 -2.045
T123=16.9 18.0 21.0
ALT/AZ=45.7 -40.5
fwAVG=2.32
sdW=16.3
fwW=2.21
sdS=41.3
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=121.5
fwN=2.18
sdE=104.7
fwE=2.13
20251119T015913.0001.fits
SecZ=1.40
Focus=-1.187
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.613 +0.097 -2.045
T123=16.9 18.0 20.9
ALT/AZ=45.7 -40.5
fwAVG=2.17
sdW=30.9
fwW=2.10
sdS=69.9
fwS=2.26
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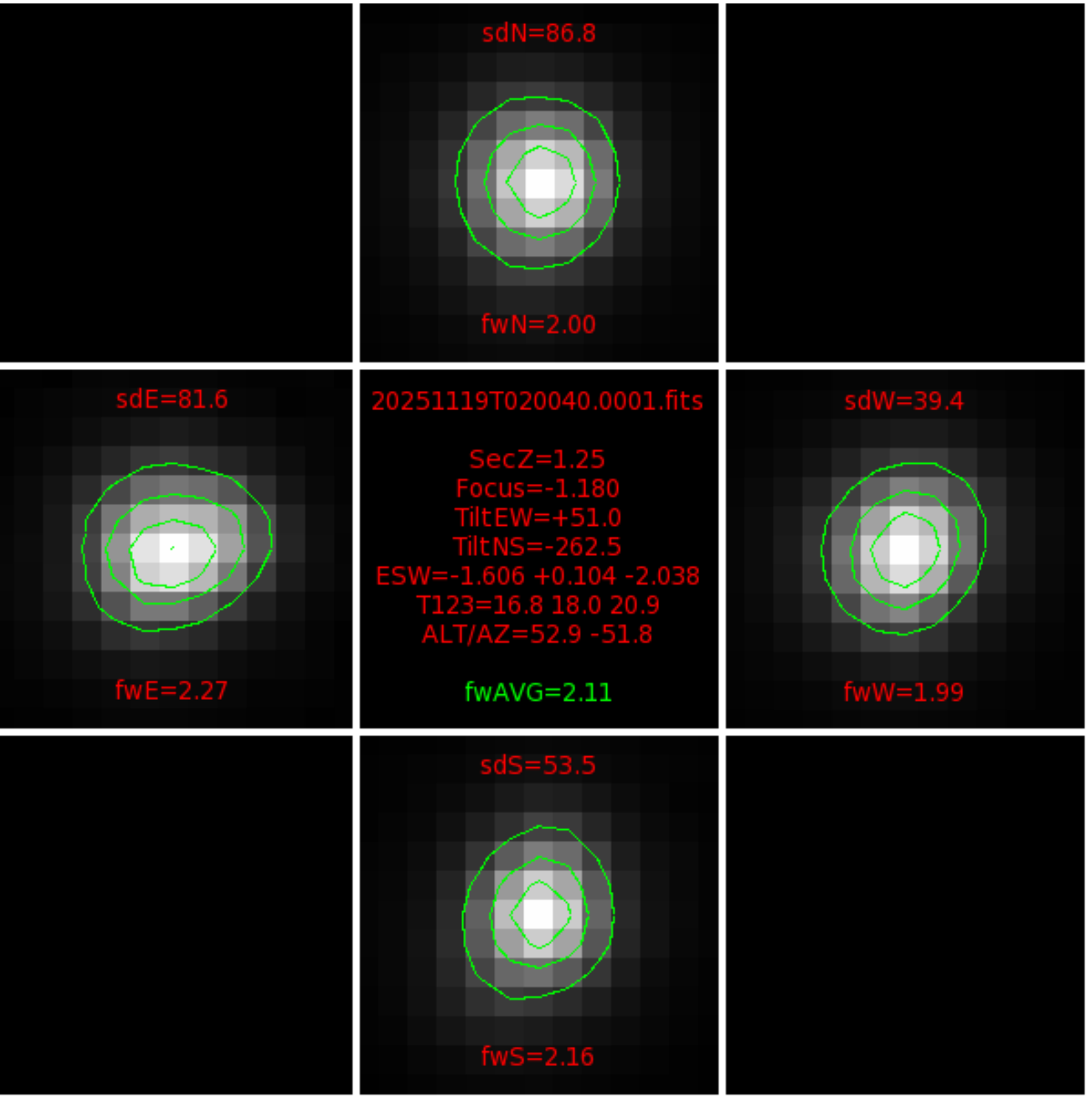
sdN=86.8
fwN=2.00
sdE=81.6
fwE=2.27
20251119T020040.0001.fits
SecZ=1.25
Focus=-1.180
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.606 +0.104 -2.038
T123=16.8 18.0 20.9
ALT/AZ=52.9 -51.8
fwAVG=2.11
sdW=39.4
fwW=1.99
sdS=53.5
fwS=2.16
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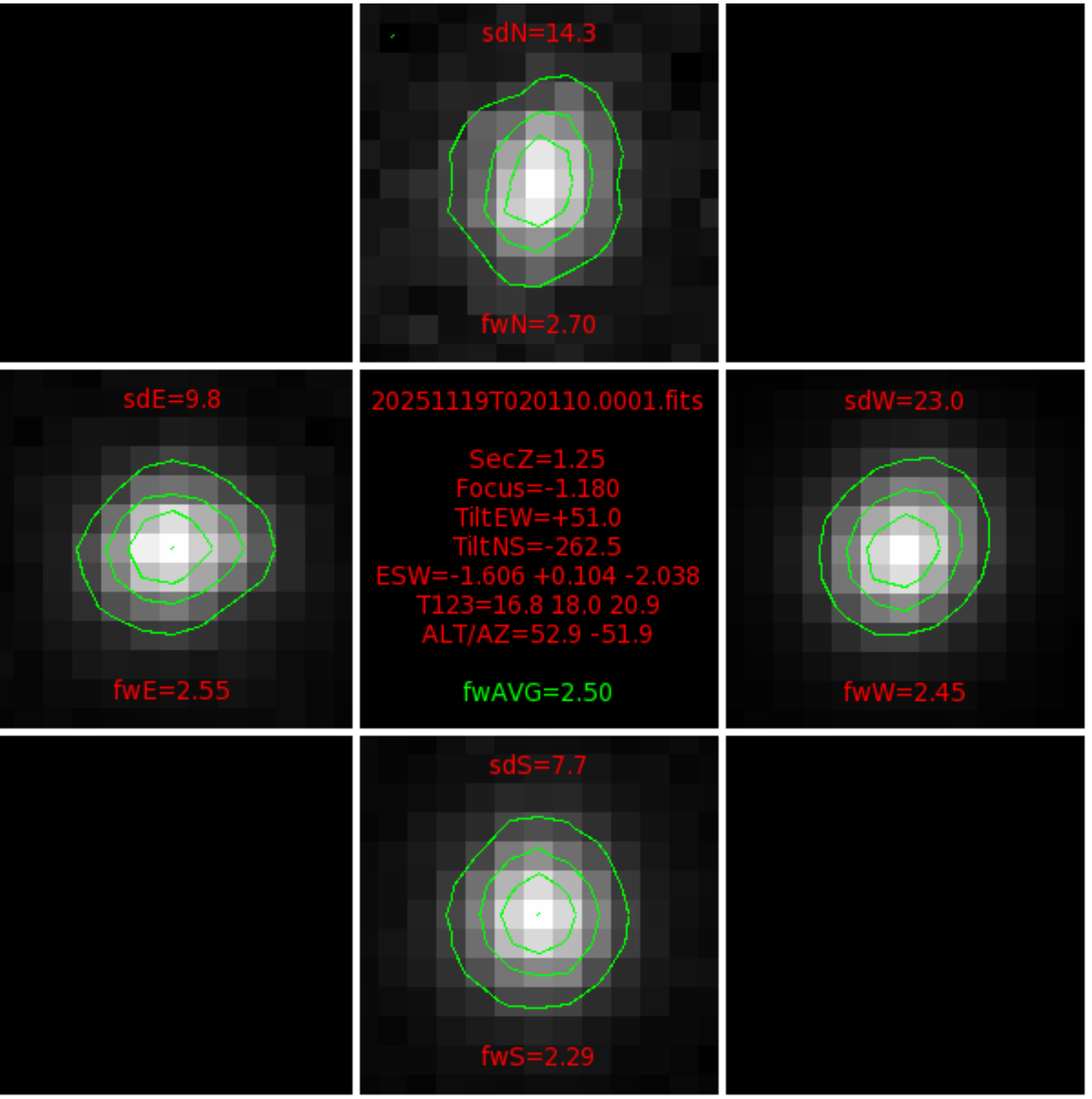
sdN=14.3
fwN=2.70
sdE=9.8
fwE=2.55
20251119T020110.0001.fits
SecZ=1.25
Focus=-1.180
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.606 +0.104 -2.038
T123=16.8 18.0 20.9
ALT/AZ=52.9 -51.9
fwAVG=2.50
sdW=23.0
fwW=2.45
sdS=7.7
fwS=2.29
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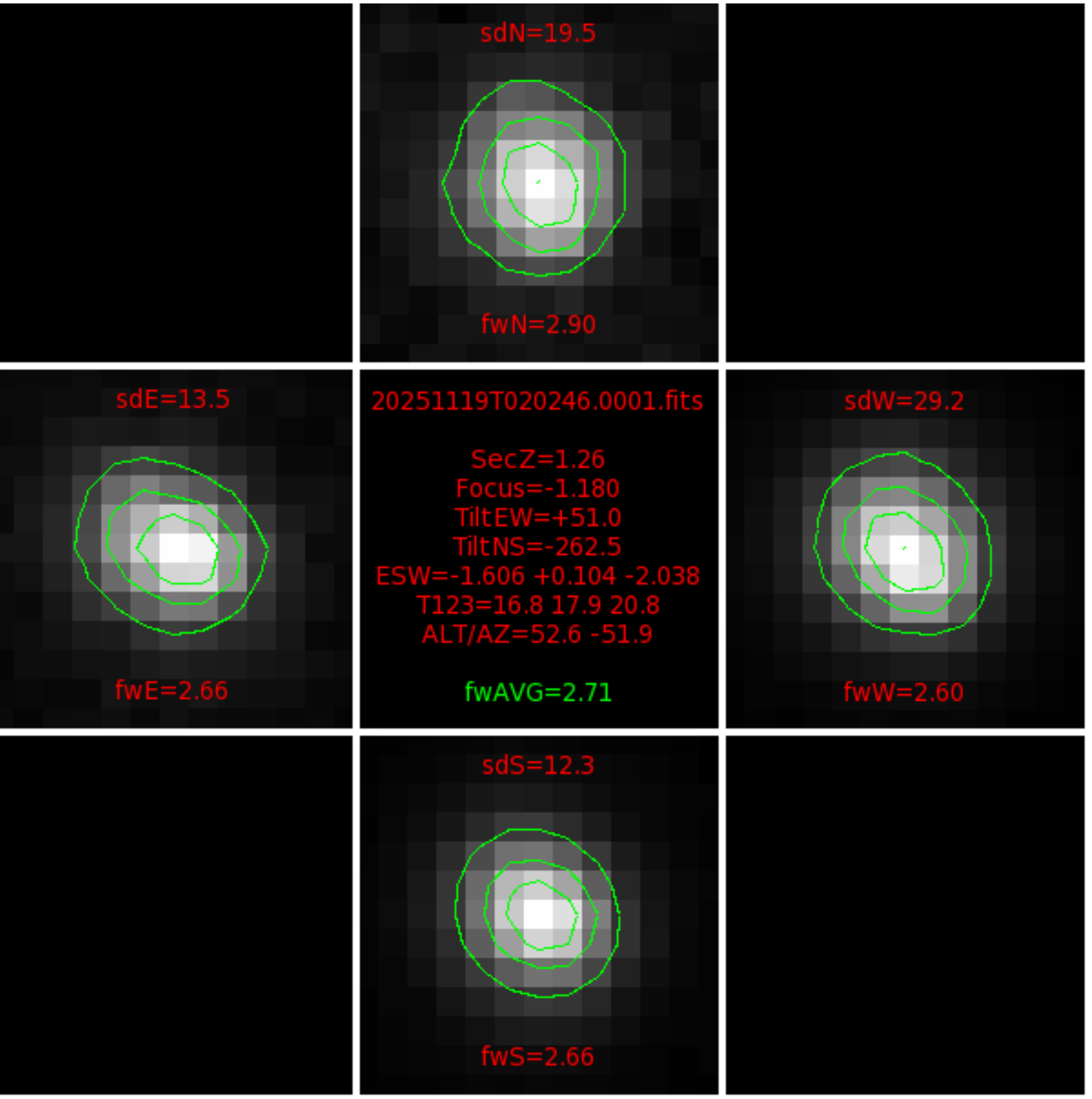
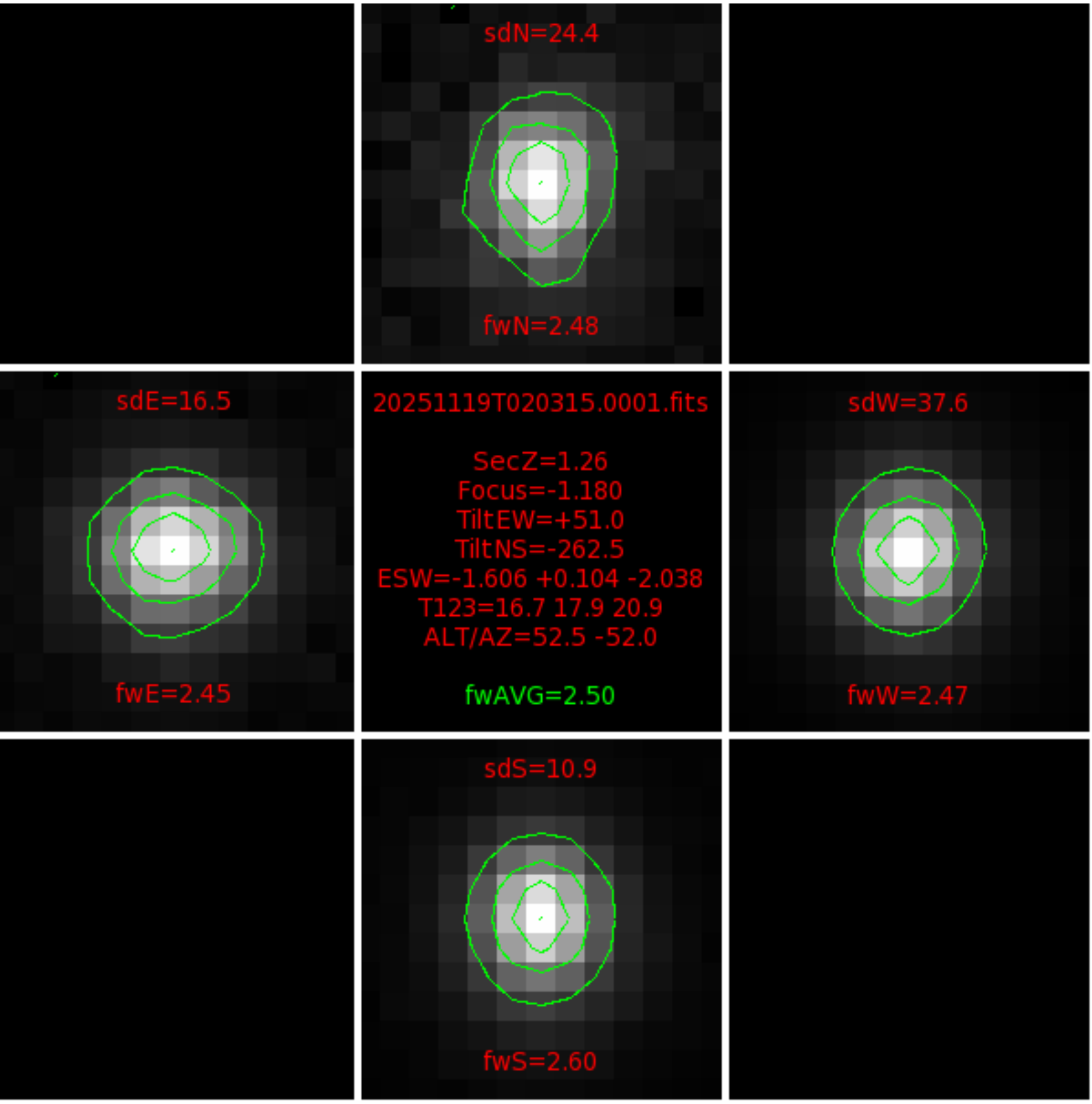
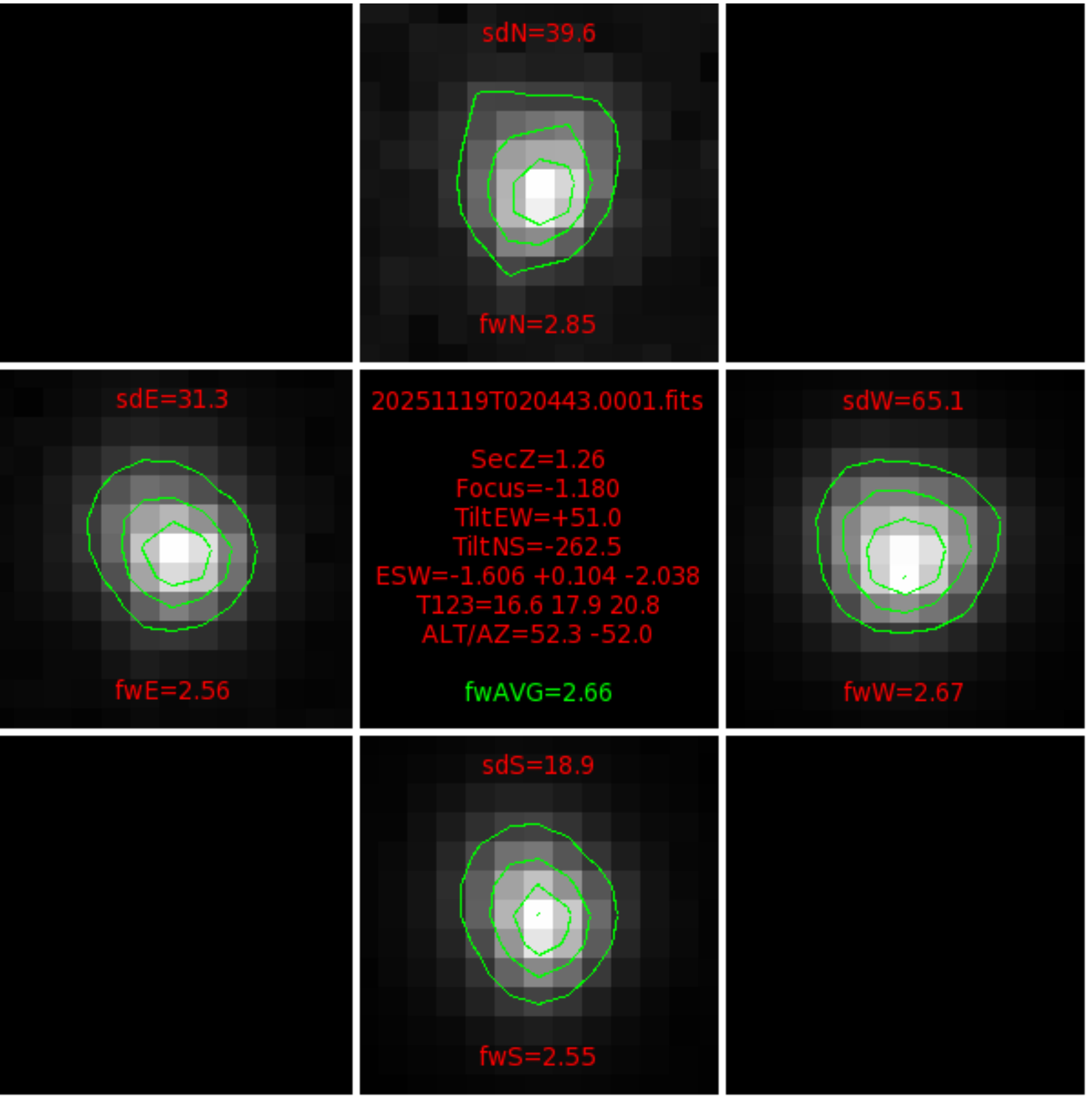

sdN=19.5
fwN=2.90
sdE=13.5
fwE=2.66
20251119T020246.0001.fits
SecZ=1.26
Focus=-1.180
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.606 +0.104 -2.038
T123=16.8 17.9 20.8
ALT/AZ=52.6 -51.9
fwAVG=2.71
sdW=29.2
fwW=2.60
sdS=12.3
fwS=2.66
0 0 0 0 0 0 0 0 0


sdN=24.4
fwN=2.48
sdE=16.5
fwE=2.45
20251119T020315.0001.fits
SecZ=1.26
Focus=-1.180
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.606 +0.104 -2.038
T123=16.7 17.9 20.9
ALT/AZ=52.5 -52.0
fwAVG=2.50
sdW=37.6
fwW=2.47
sdS=10.9
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=39.6
fwN=2.85
sdE=31.3
fwE=2.56
20251119T020443.0001.fits
SecZ=1.26
Focus=-1.180
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.606 +0.104 -2.038
T123=16.6 17.9 20.8
ALT/AZ=52.3 -52.0
fwAVG=2.66
sdW=65.1
fwW=2.67
sdS=18.9
fwS=2.55
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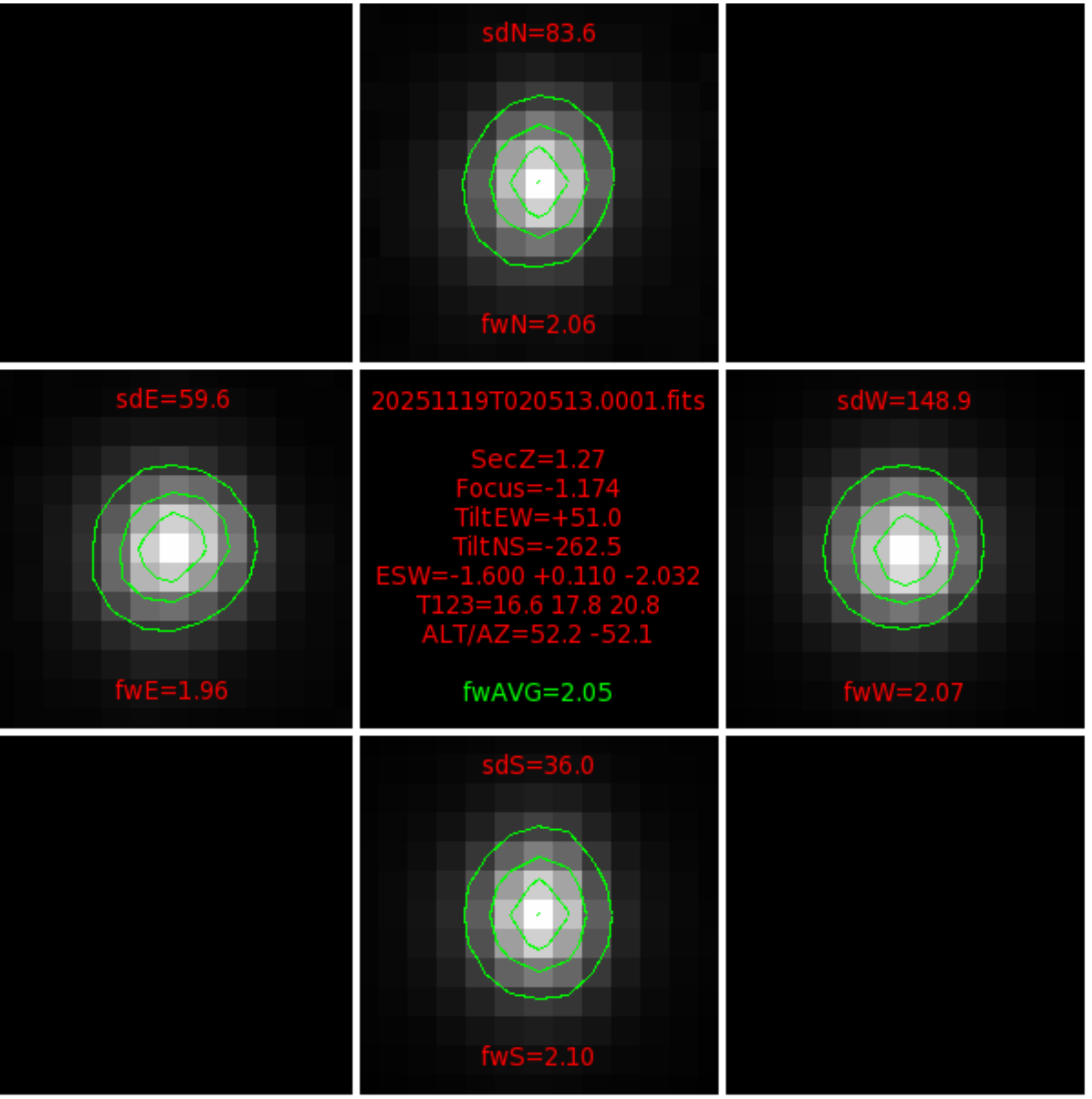
sdN=83.6
fwN=2.06
sdE=59.6
fwE=1.96
20251119T020513.0001.fits
SecZ=1.27
Focus=-1.174
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.600 +0.110 -2.032
T123=16.6 17.8 20.8
ALT/AZ=52.2 -52.1
fwAVG=2.05
sdW=148.9
fwW=2.07
sdS=36.0
fwS=2.10
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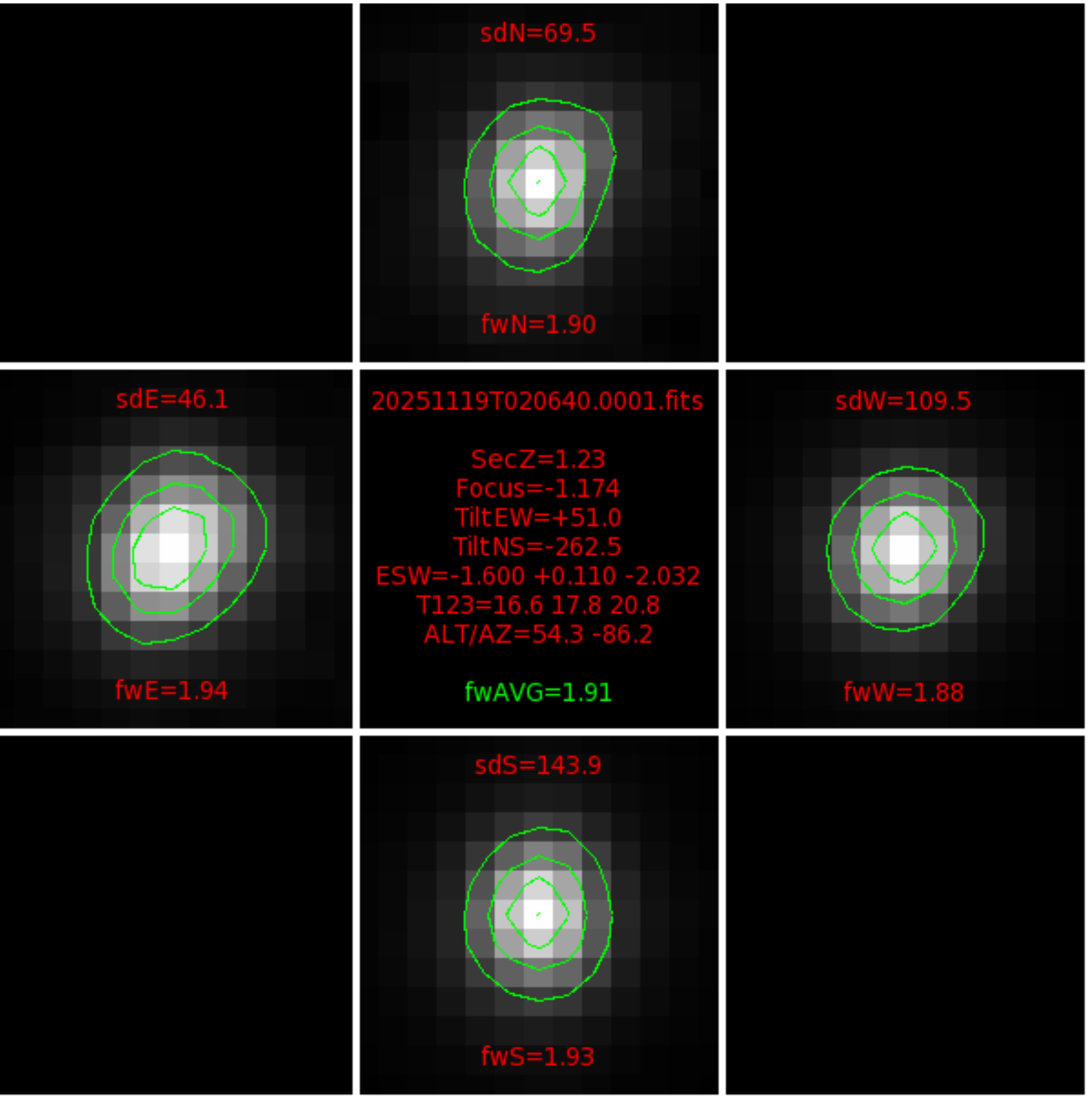
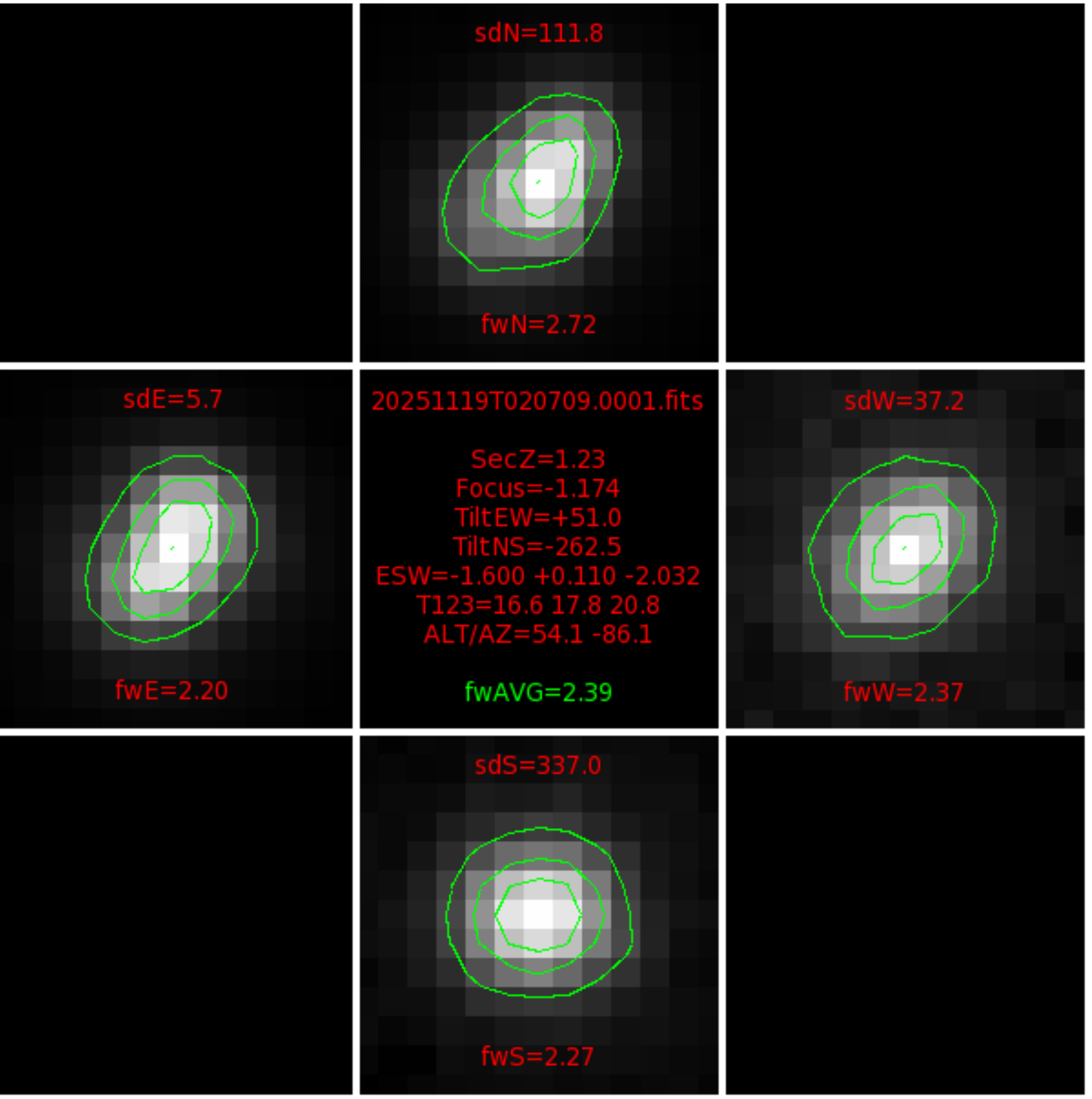

sdN=69.5
fwN=1.90
sdE=46.1
fwE=1.94
20251119T020640.0001.fits
SecZ=1.23
Focus=-1.174
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.600 +0.110 -2.032
T123=16.6 17.8 20.8
ALT/AZ=54.3 -86.2
fwAVG=1.91
sdW=109.5
fwW=1.88
sdS=143.9
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=111.8
fwN=2.72
sdE=5.7
fwE=2.20
20251119T020709.0001.fits
SecZ=1.23
Focus=-1.174
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.600 +0.110 -2.032
T123=16.6 17.8 20.8
ALT/AZ=54.1 -86.1
fwAVG=2.39
sdW=37.2
fwW=2.37
sdS=337.0
fwS=2.27
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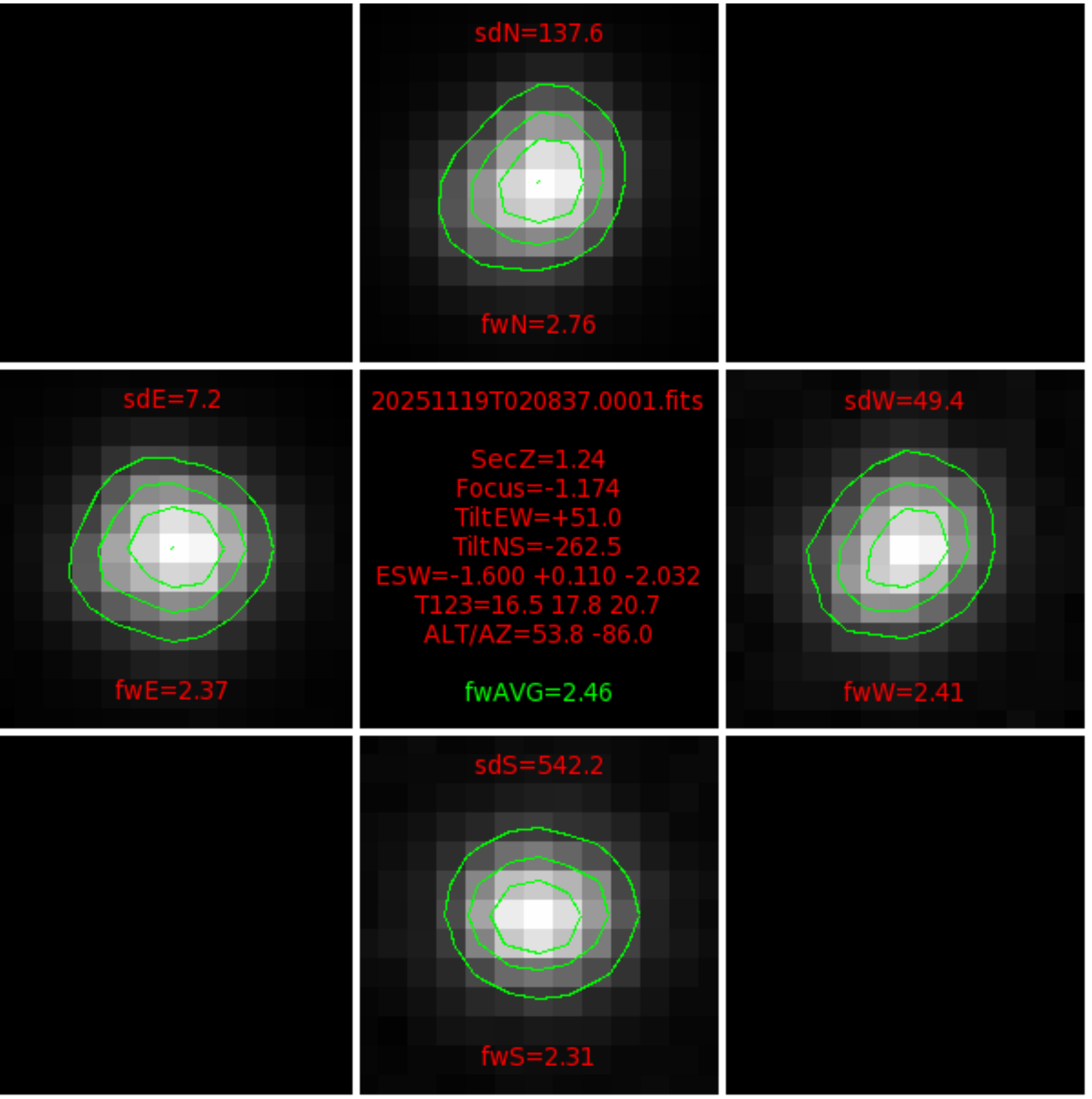
sdN=137.6
fwN=2.76
sdE=7.2
fwE=2.37
20251119T020837.0001.fits
SecZ=1.24
Focus=-1.174
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.600 +0.110 -2.032
T123=16.5 17.8 20.7
ALT/AZ=53.8 -86.0
fwAVG=2.46
sdW=49.4
fwW=2.41
sdS=542.2
fwS=2.31
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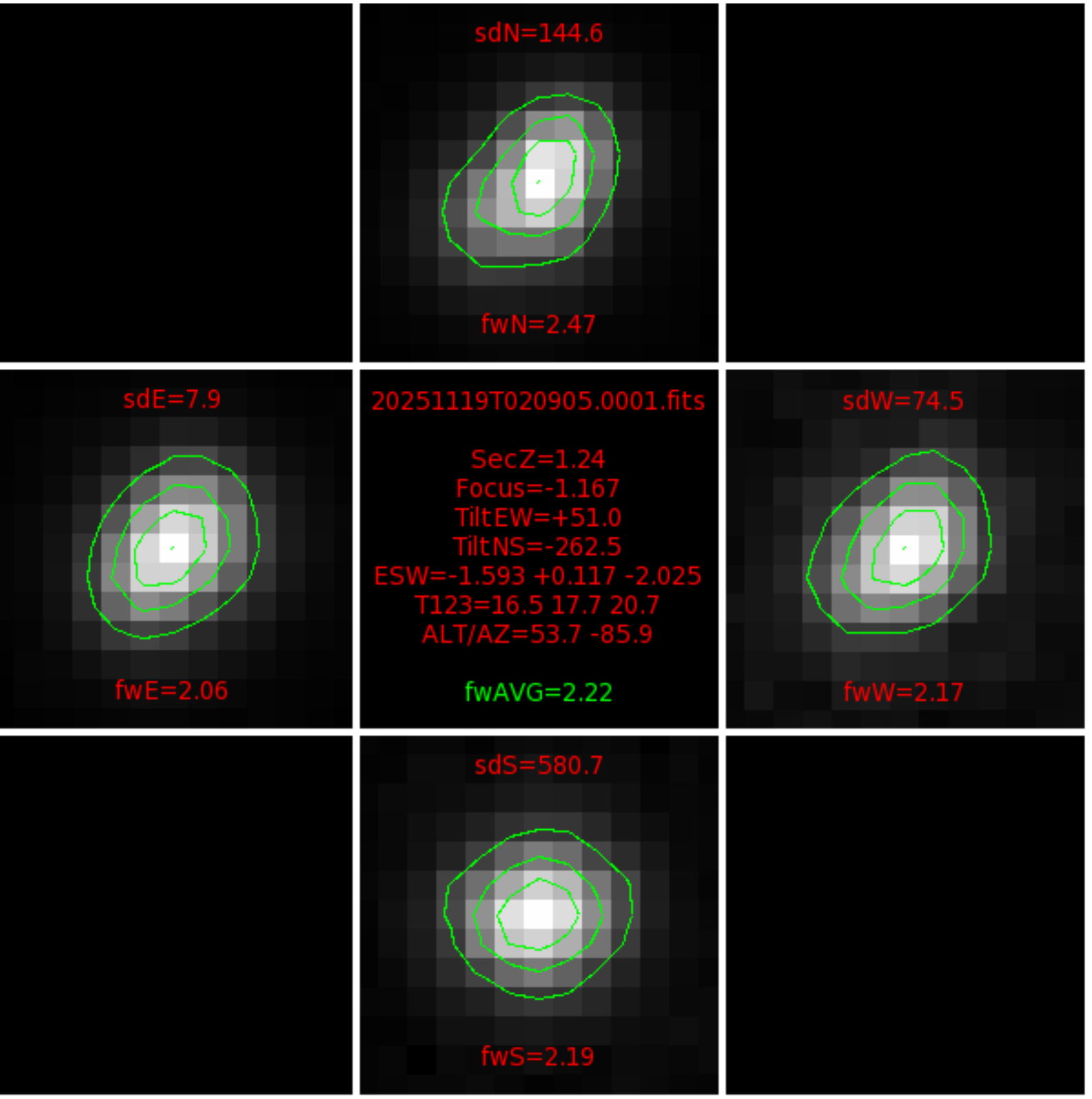
sdN=144.6
fwN=2.47
sdE=7.9
fwE=2.06
20251119T020905.0001.fits
SecZ=1.24
Focus=-1.167
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.593 +0.117 -2.025
T123=16.5 17.7 20.7
ALT/AZ=53.7 -85.9
fwAVG=2.22
sdW=74.5
fwW=2.17
sdS=580.7
fwS=2.19
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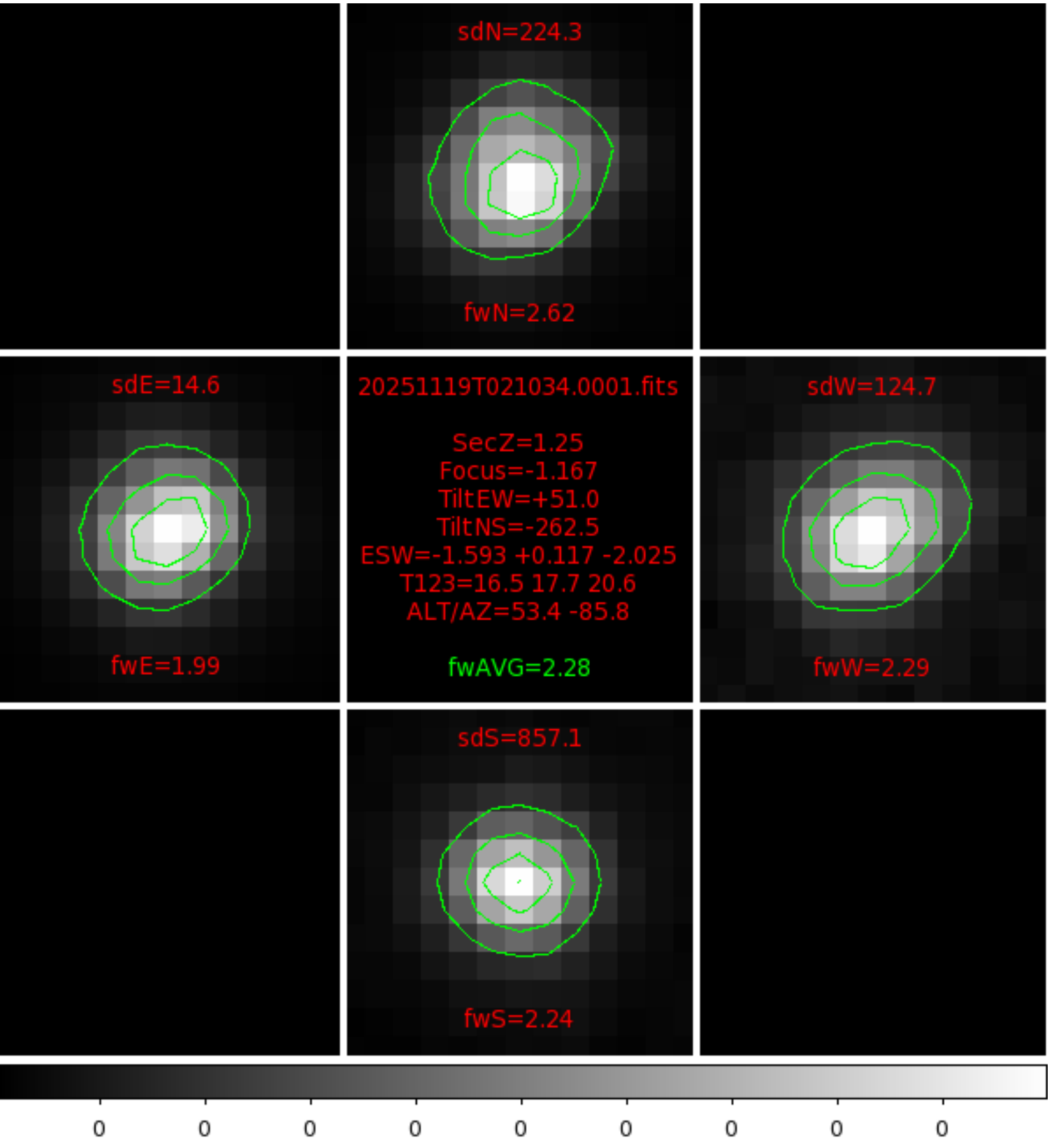
sdN=224.3
fwN=2.62
sdE=14.6
fwE=1.99
20251119T021034.0001.fits
SecZ=1.25
Focus=-1.167
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.593 +0.117 -2.025
T123=16.5 17.7 20.6
ALT/AZ=53.4 -85.8
fwAVG=2.28
sdW=124.7
fwW=2.29
sdS=857.1
fwS=2.24
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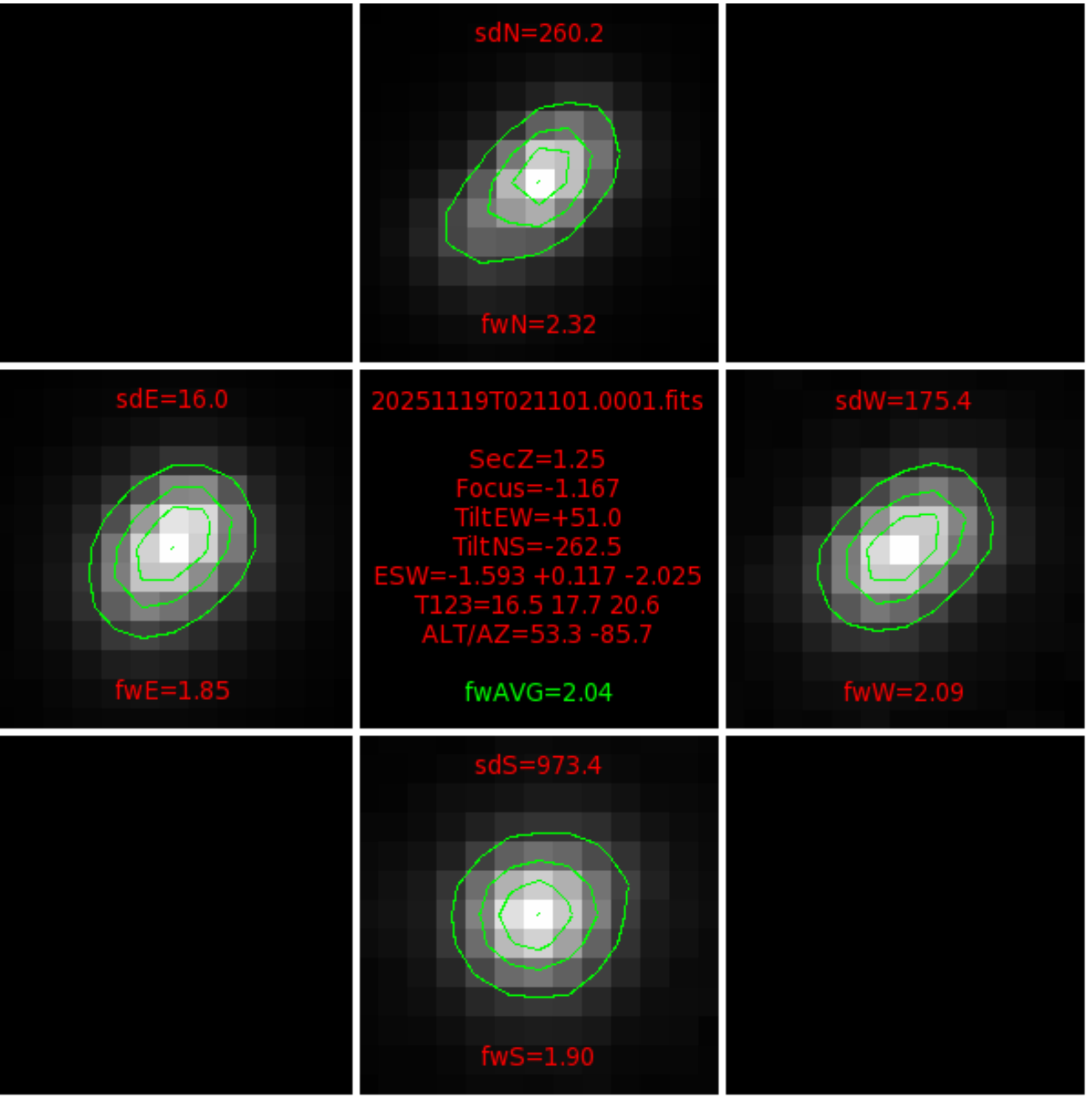
sdN=260.2
fwN=2.32
sdE=16.0
fwE=1.85
20251119T021101.0001.fits
SecZ=1.25
Focus=-1.167
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.593 +0.117 -2.025
T123=16.5 17.7 20.6
ALT/AZ=53.3 -85.7
fwAVG=2.04
sdW=175.4
fwW=2.09
sdS=973.4
fwS=1.90
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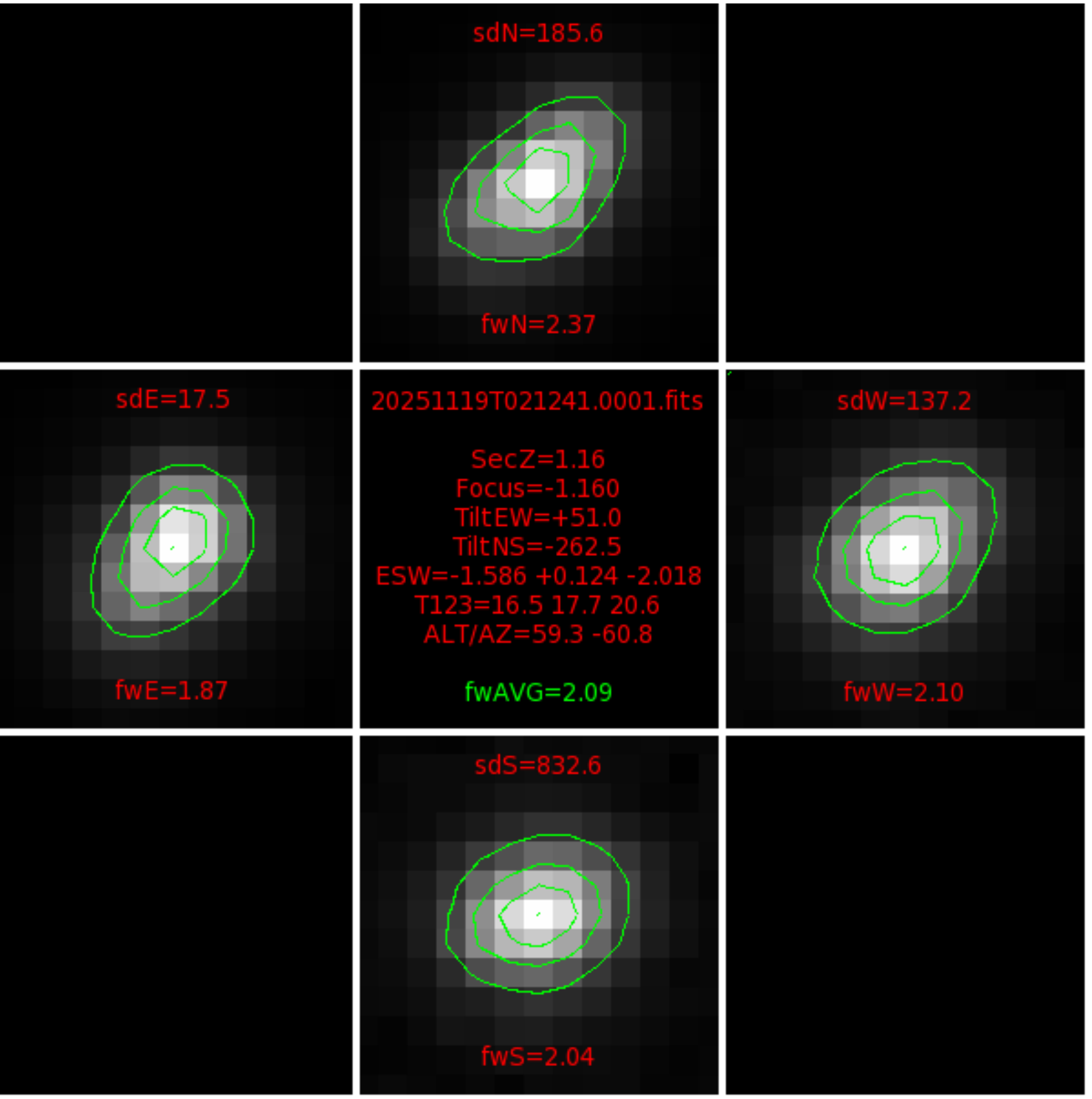
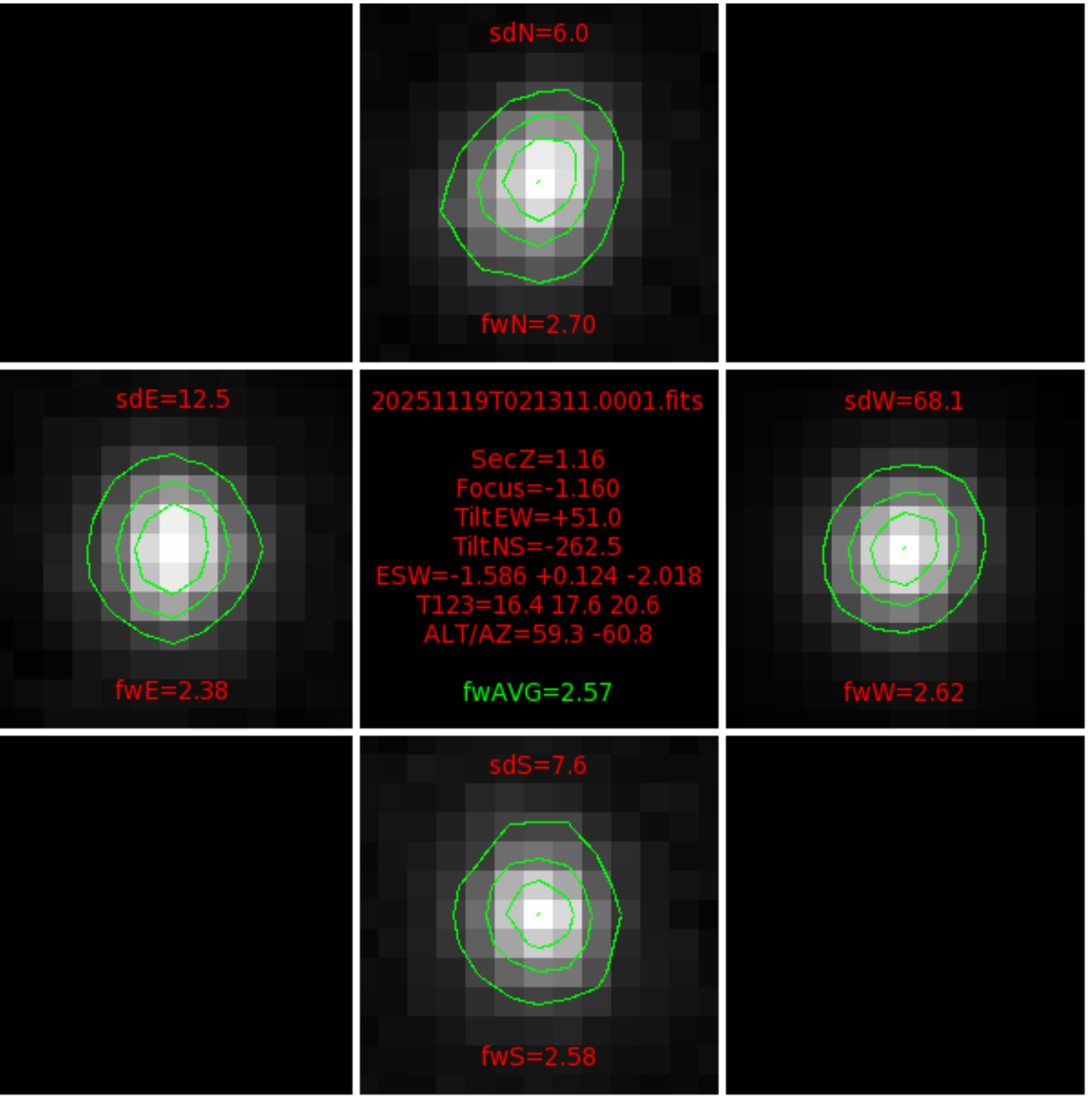

sdN=185.6
fwN=2.37
sdE=17.5
fwE=1.87
20251119T021241.0001.fits
SecZ=1.16
Focus=-1.160
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.586 +0.124 -2.018
T123=16.5 17.7 20.6
ALT/AZ=59.3 -60.8
fwAVG=2.09
sdW=137.2
fwW=2.10
sdS=832.6
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=6.0
fwN=2.70
sdE=12.5
fwE=2.38
20251119T021311.0001.fits
SecZ=1.16
Focus=-1.160
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.586 +0.124 -2.018
T123=16.4 17.6 20.6
ALT/AZ=59.3 -60.8
fwAVG=2.57
sdW=68.1
fwW=2.62
sdS=7.6
fwS=2.58
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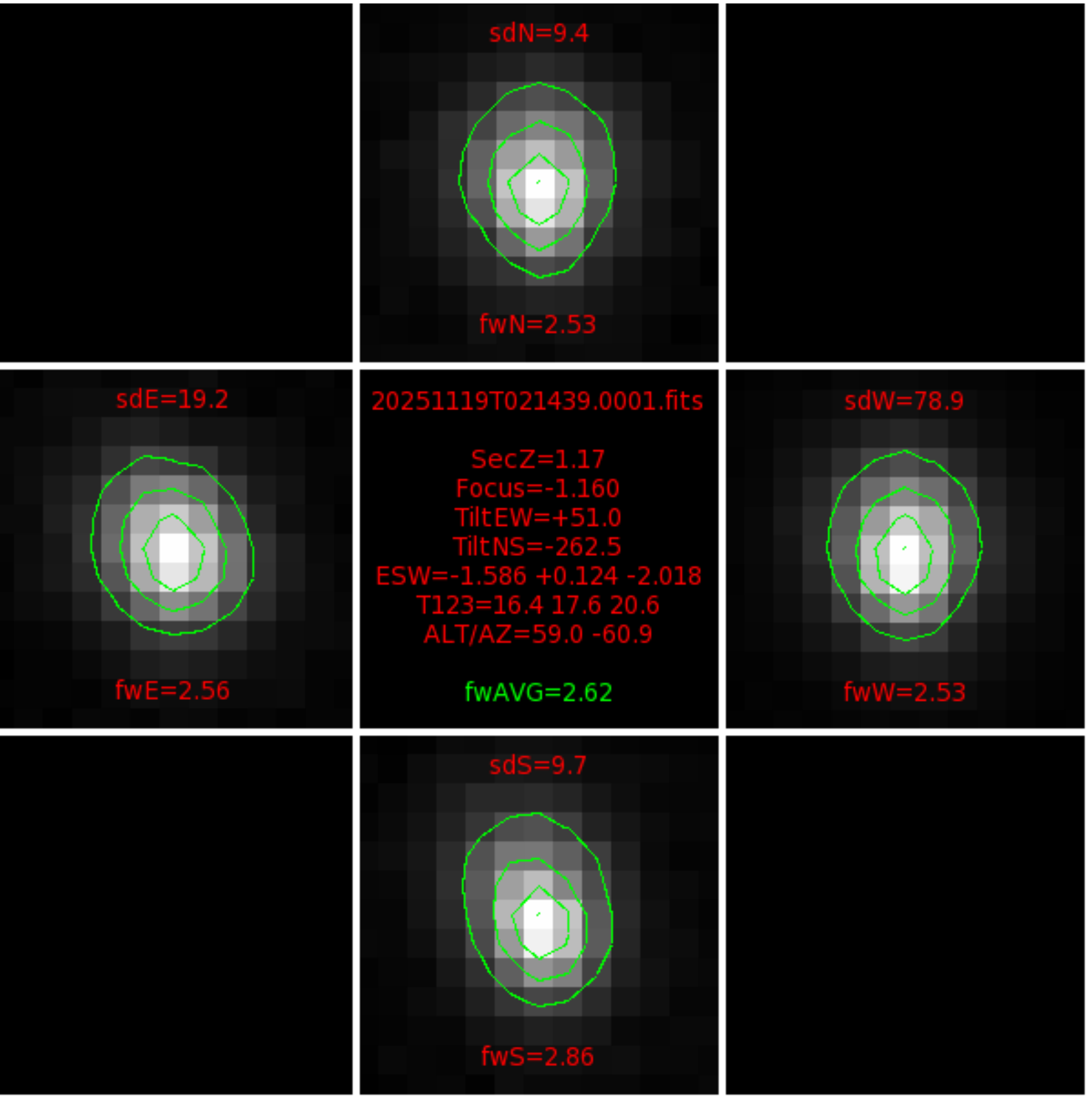
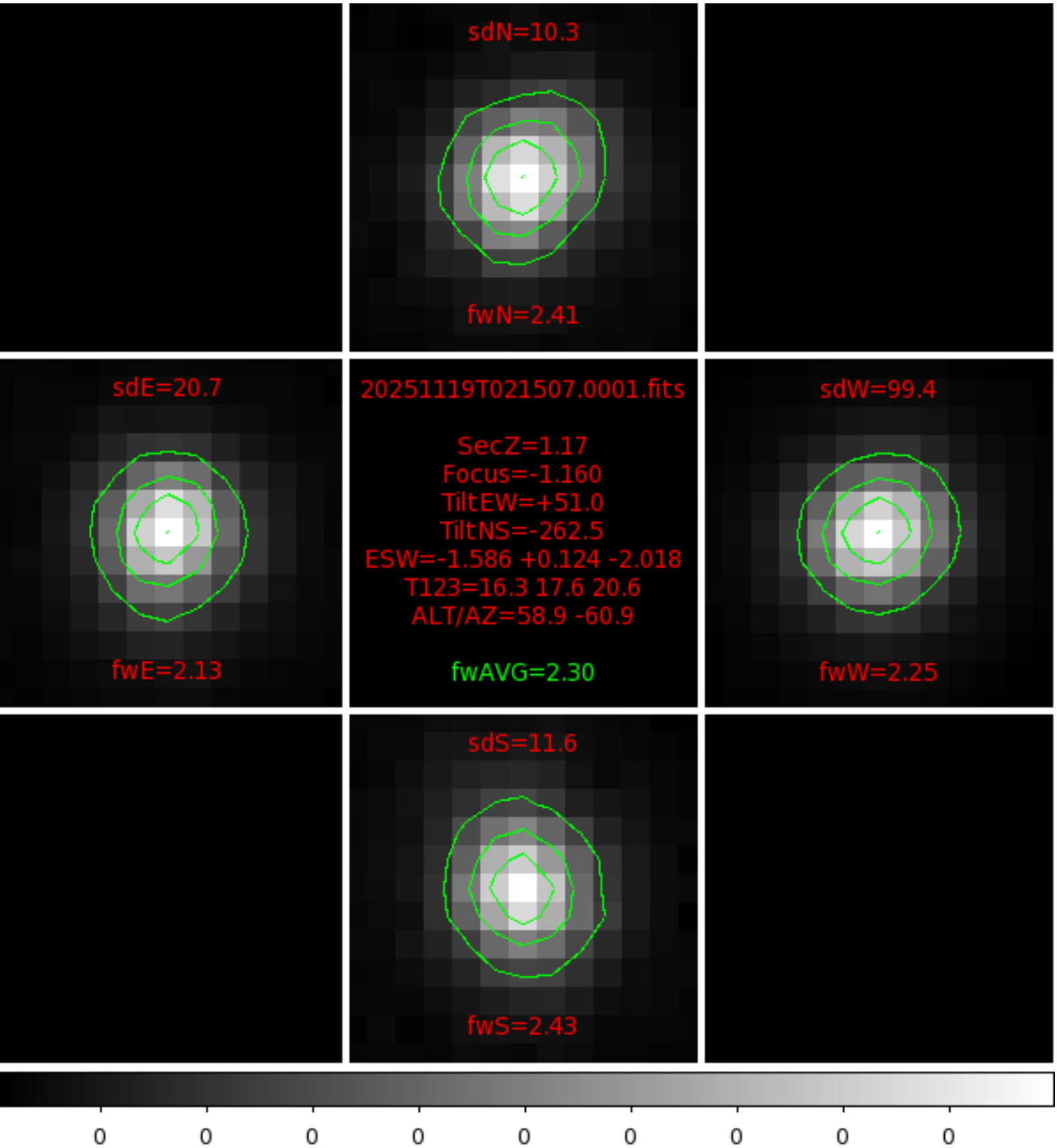

sdN=9.4
fwN=2.53
sdE=19.2
fwE=2.56
20251119T021439.0001.fits
SecZ=1.17
Focus=-1.160
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.586 +0.124 -2.018
T123=16.4 17.6 20.6
ALT/AZ=59.0 -60.9
fwAVG=2.62
sdW=78.9
fwW=2.53
sdS=9.7
fwS=2.86
0 0 0 0 0 0 0 0 0


sdN=10.3
fwN=2.41
sdE=20.7
fwE=2.13
20251119T021507.0001.fits
SecZ=1.17
Focus=-1.160
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.586 +0.124 -2.018
T123=16.3 17.6 20.6
ALT/AZ=58.9 -60.9
fwAVG=2.30
sdW=99.4
fwW=2.25
sdS=11.6
fwS=2.43
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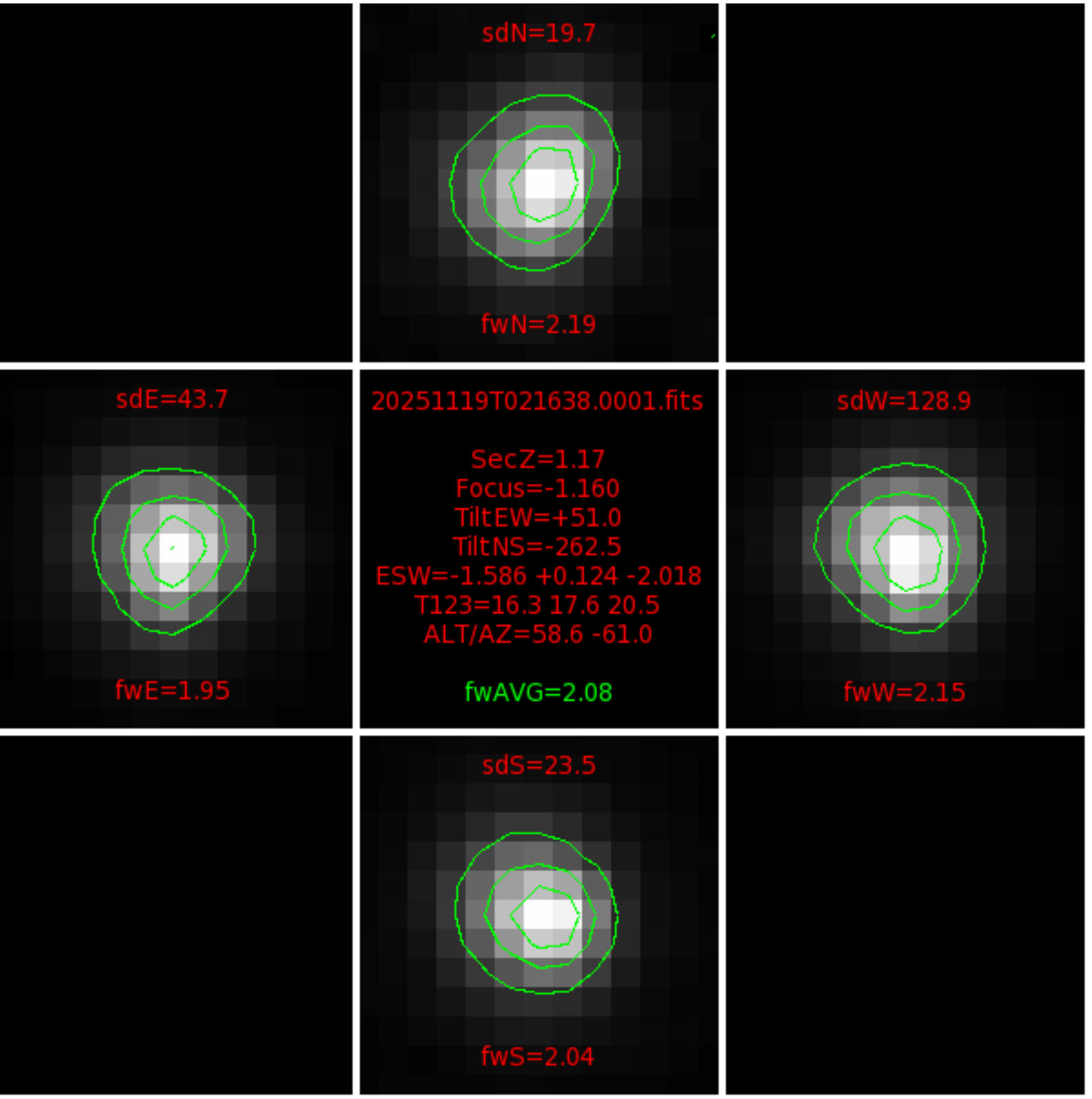
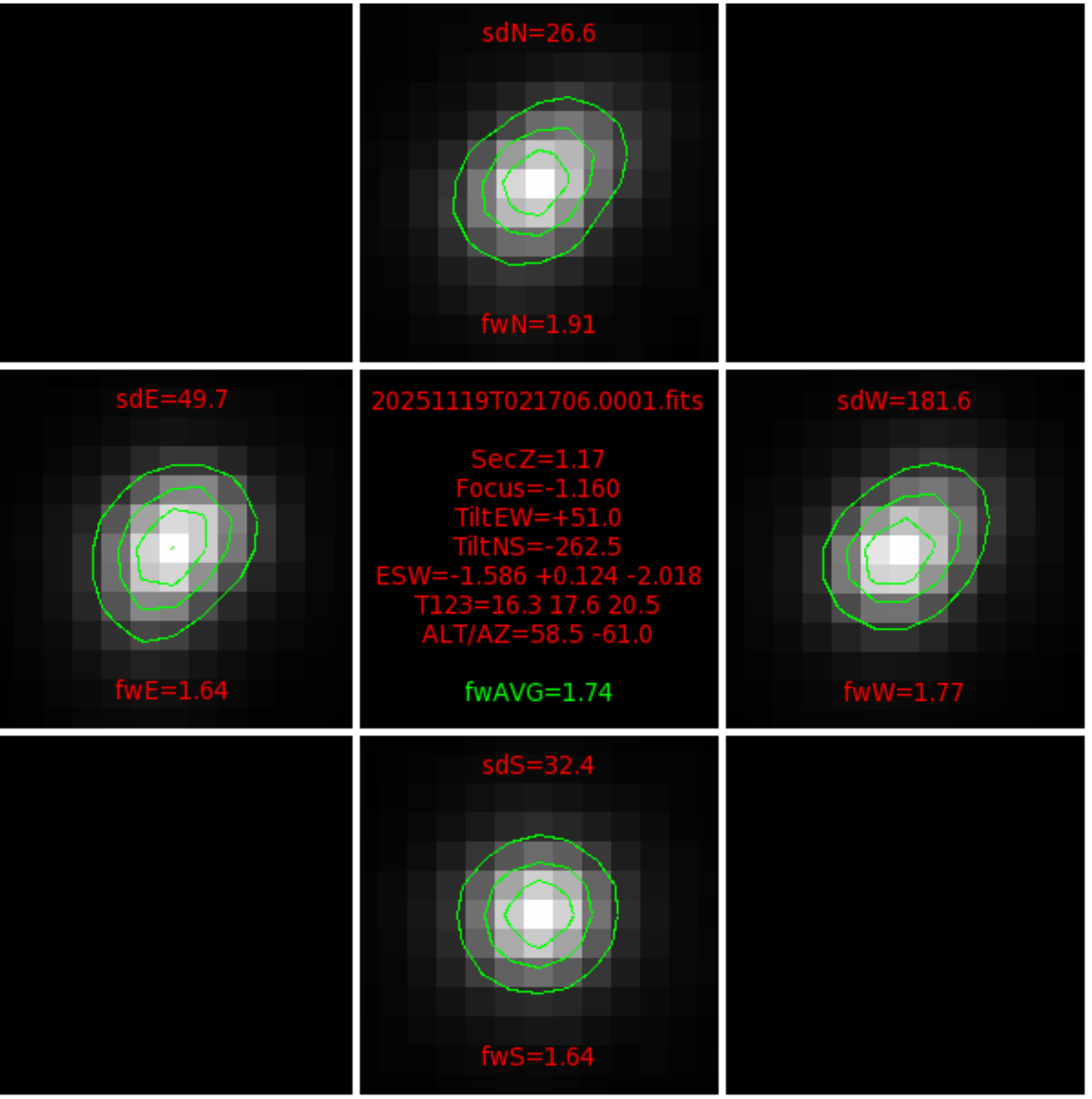

sdN=19.7
fwN=2.19
sdE=43.7
fwE=1.95
20251119T021638.0001.fits
SecZ=1.17
Focus=-1.160
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.586 +0.124 -2.018
T123=16.3 17.6 20.5
ALT/AZ=58.6 -61.0
fwAVG=2.08
sdW=128.9
fwW=2.15
sdS=23.5
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=26.6
fwN=1.91
sdE=49.7
fwE=1.64
20251119T021706.0001.fits
SecZ=1.17
Focus=-1.160
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.586 +0.124 -2.018
T123=16.3 17.6 20.5
ALT/AZ=58.5 -61.0
fwAVG=1.74
sdW=181.6
fwW=1.77
sdS=32.4
fwS=1.64
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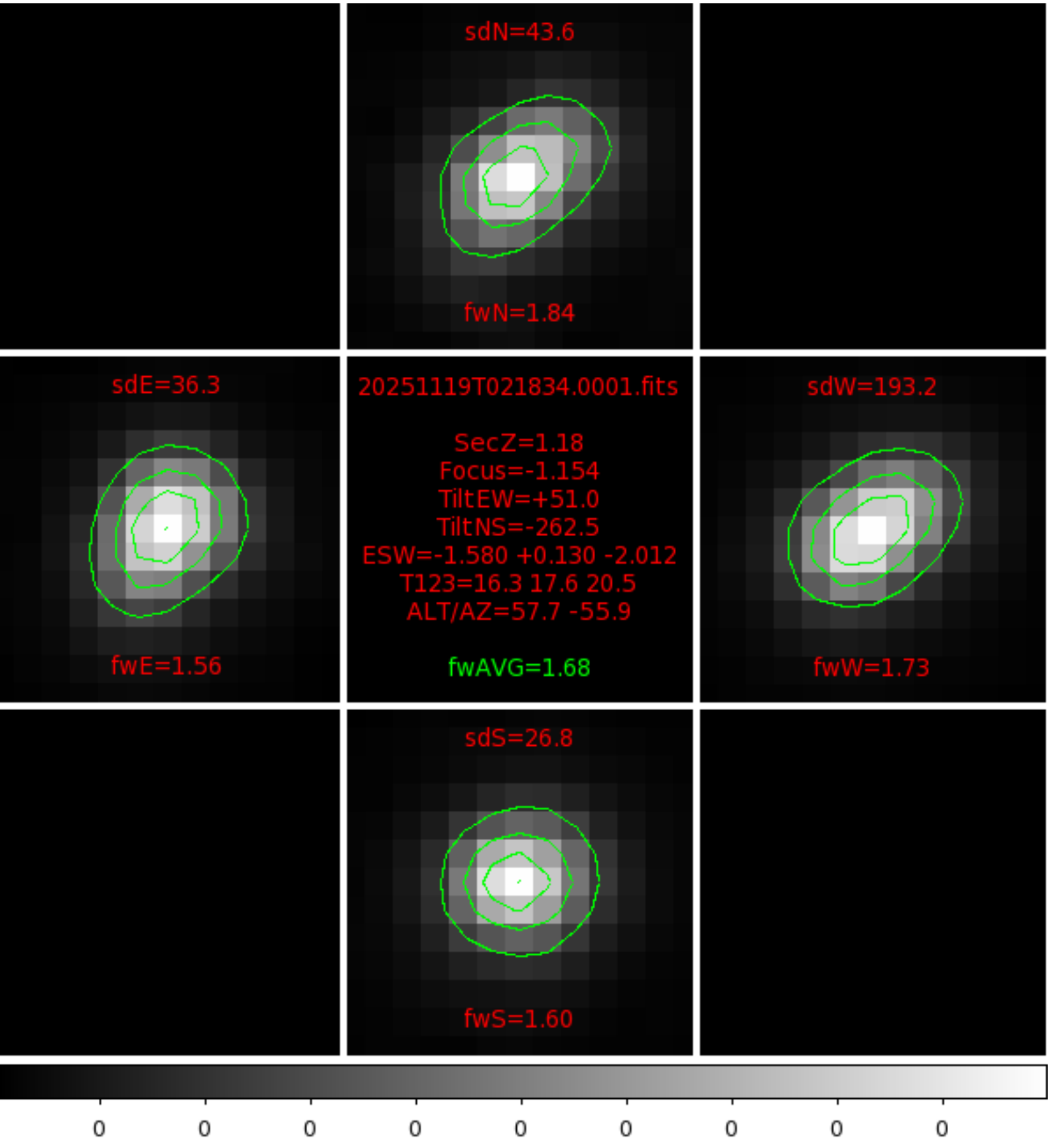
sdN=43.6
fwN=1.84
sdE=36.3
fwE=1.56
20251119T021834.0001.fits
SecZ=1.18
Focus=-1.154
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.580 +0.130 -2.012
T123=16.3 17.6 20.5
ALT/AZ=57.7 -55.9
fwAVG=1.68
sdW=193.2
fwW=1.73
sdS=26.8
fwS=1.60
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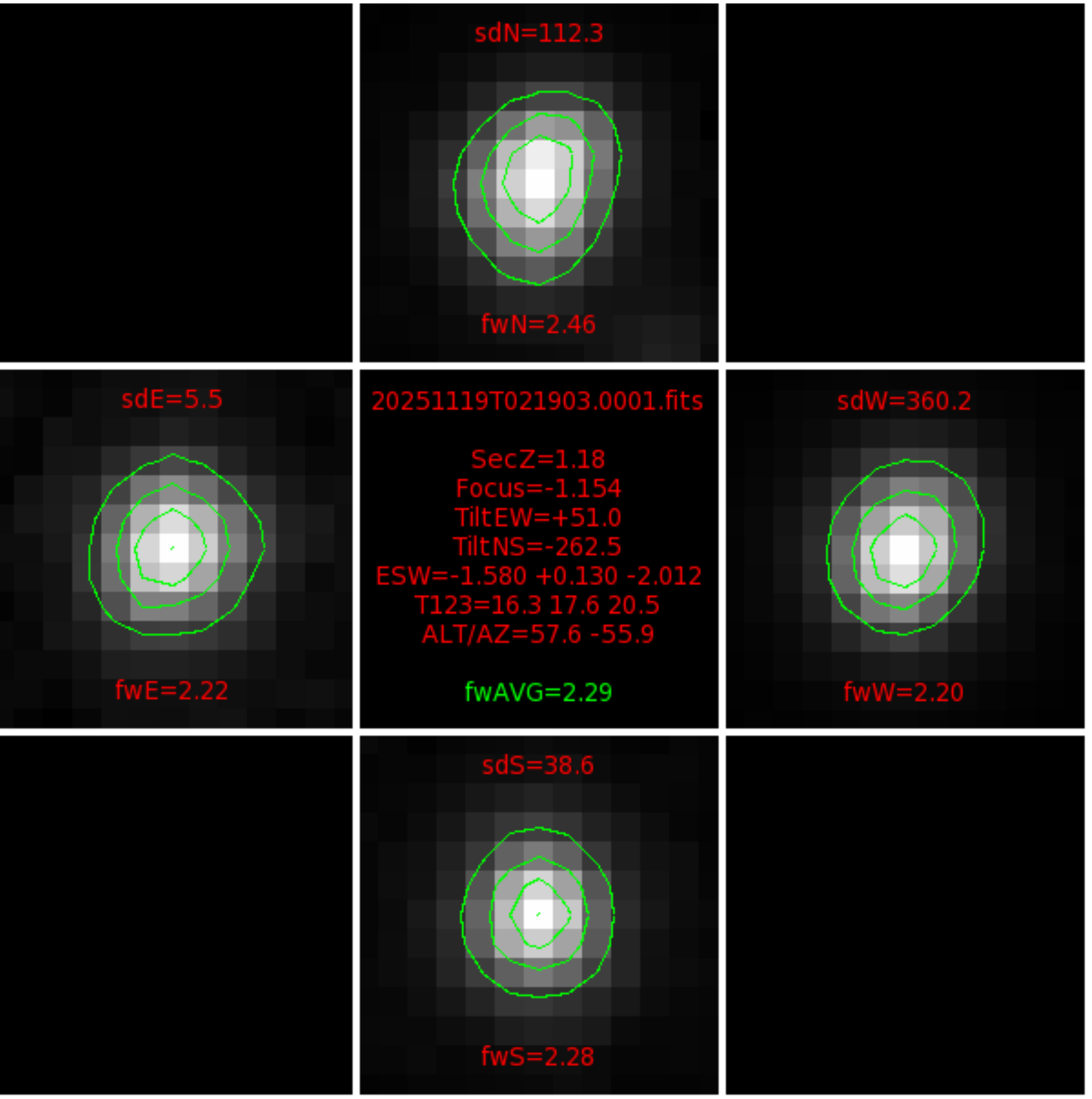
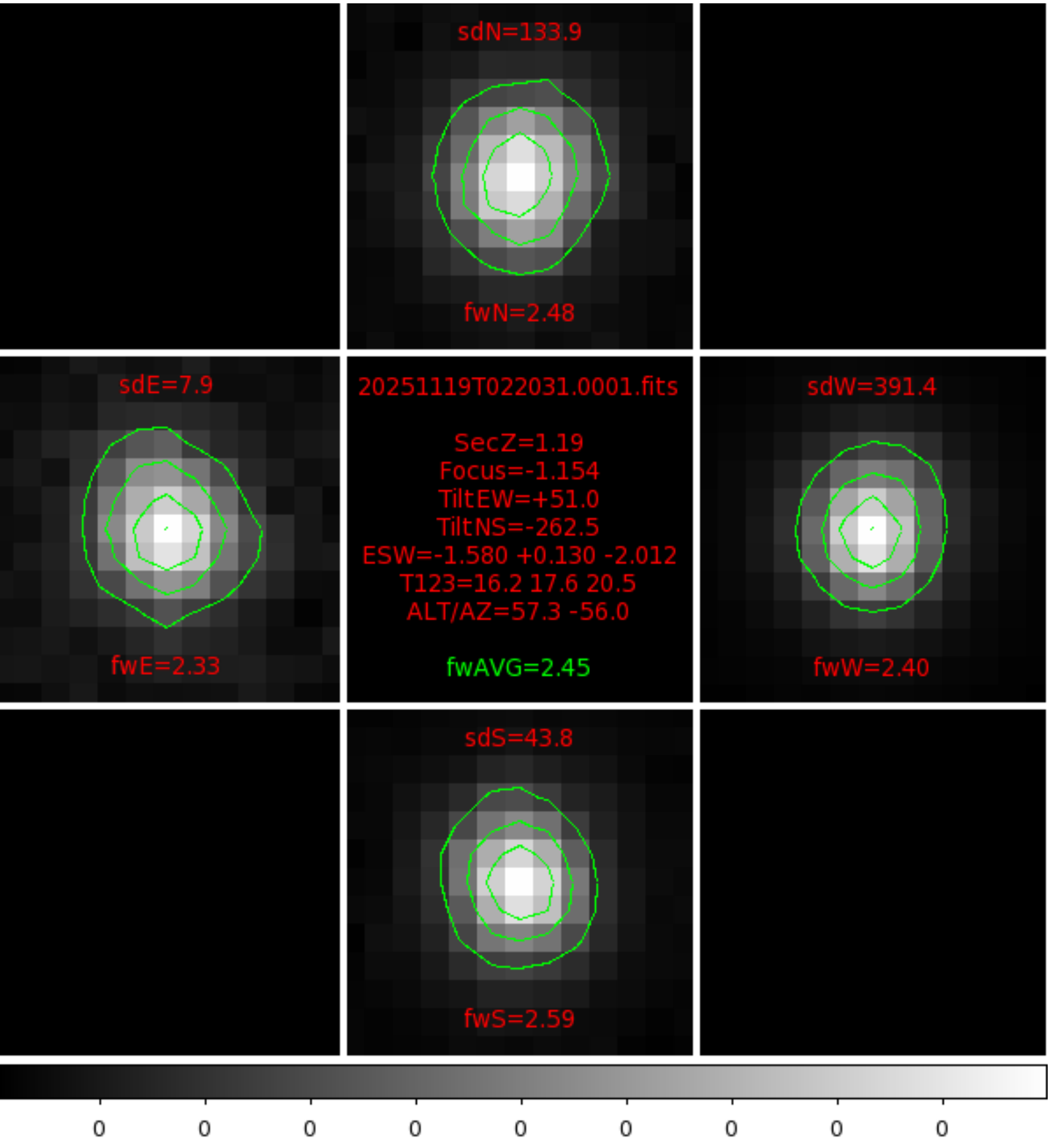

sdN=112.3
fwN=2.46
sdE=5.5
fwE=2.22
20251119T021903.0001.fits
SecZ=1.18
Focus=-1.154
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.580 +0.130 -2.012
T123=16.3 17.6 20.5
ALT/AZ=57.6 -55.9
fwAVG=2.29
sdW=360.2
fwW=2.20
sdS=38.6
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=133.9
fwN=2.48
sdE=7.9
fwE=2.33
20251119T022031.0001.fits
SecZ=1.19
Focus=-1.154
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.580 +0.130 -2.012
T123=16.2 17.6 20.5
ALT/AZ=57.3 -56.0
fwAVG=2.45
sdW=391.4
fwW=2.40
sdS=43.8
fwS=2.59
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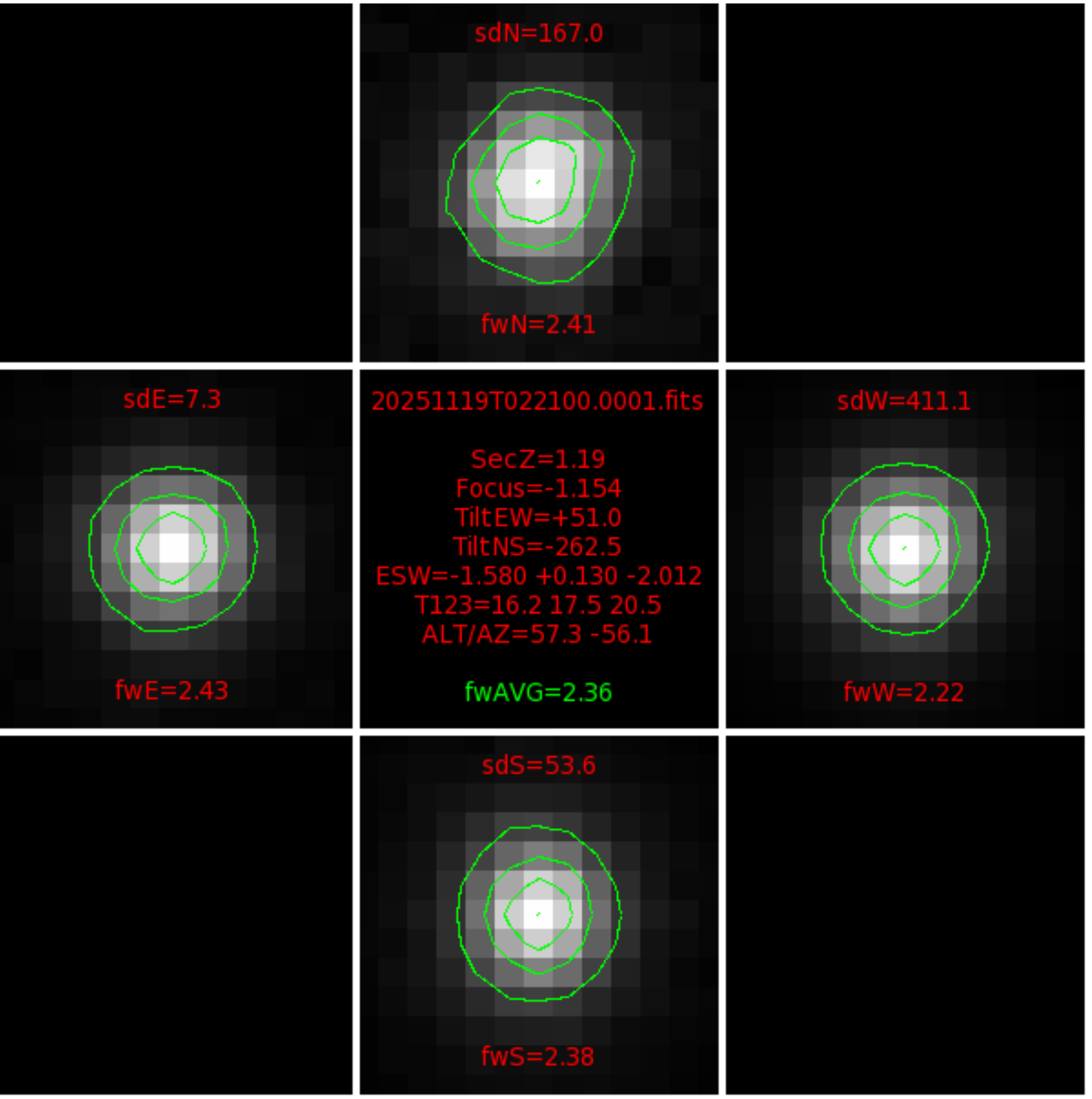
sdN=167.0
fwN=2.41
sdE=7.3
fwE=2.43
20251119T022100.0001.fits
SecZ=1.19
Focus=-1.154
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.580 +0.130 -2.012
T123=16.2 17.5 20.5
ALT/AZ=57.3 -56.1
fwAVG=2.36
sdW=411.1
fwW=2.22
sdS=53.6
fwS=2.38
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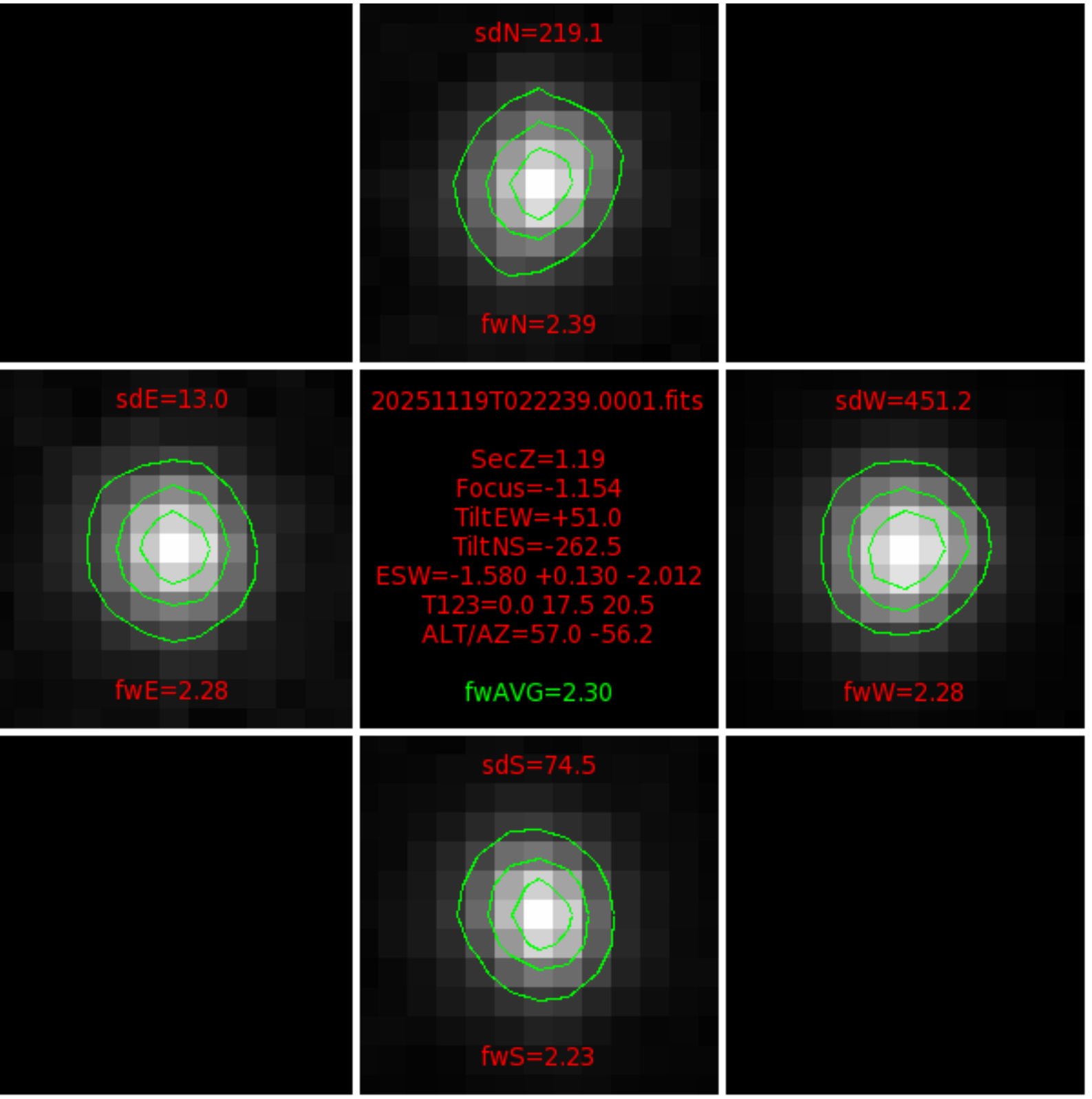
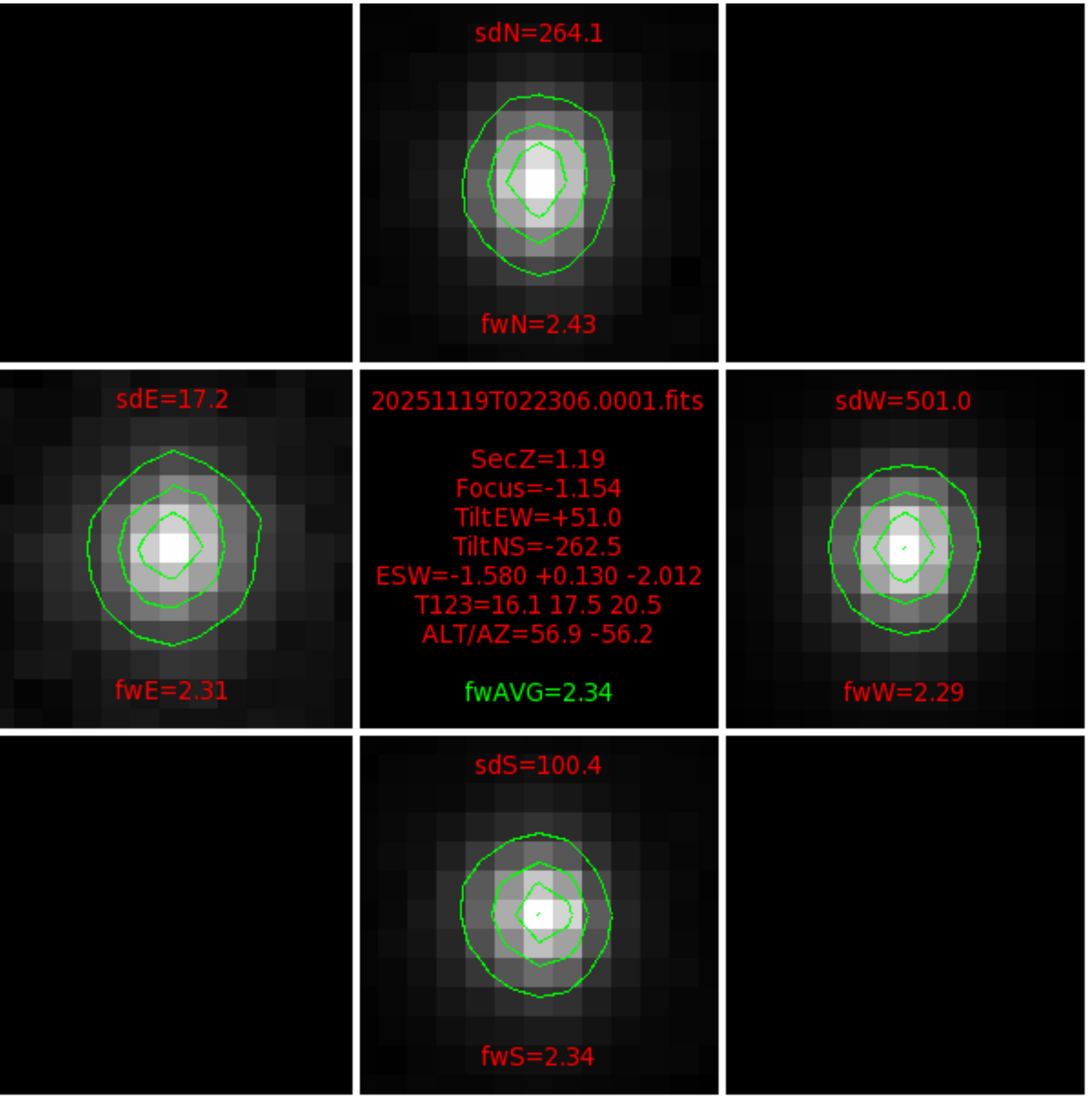
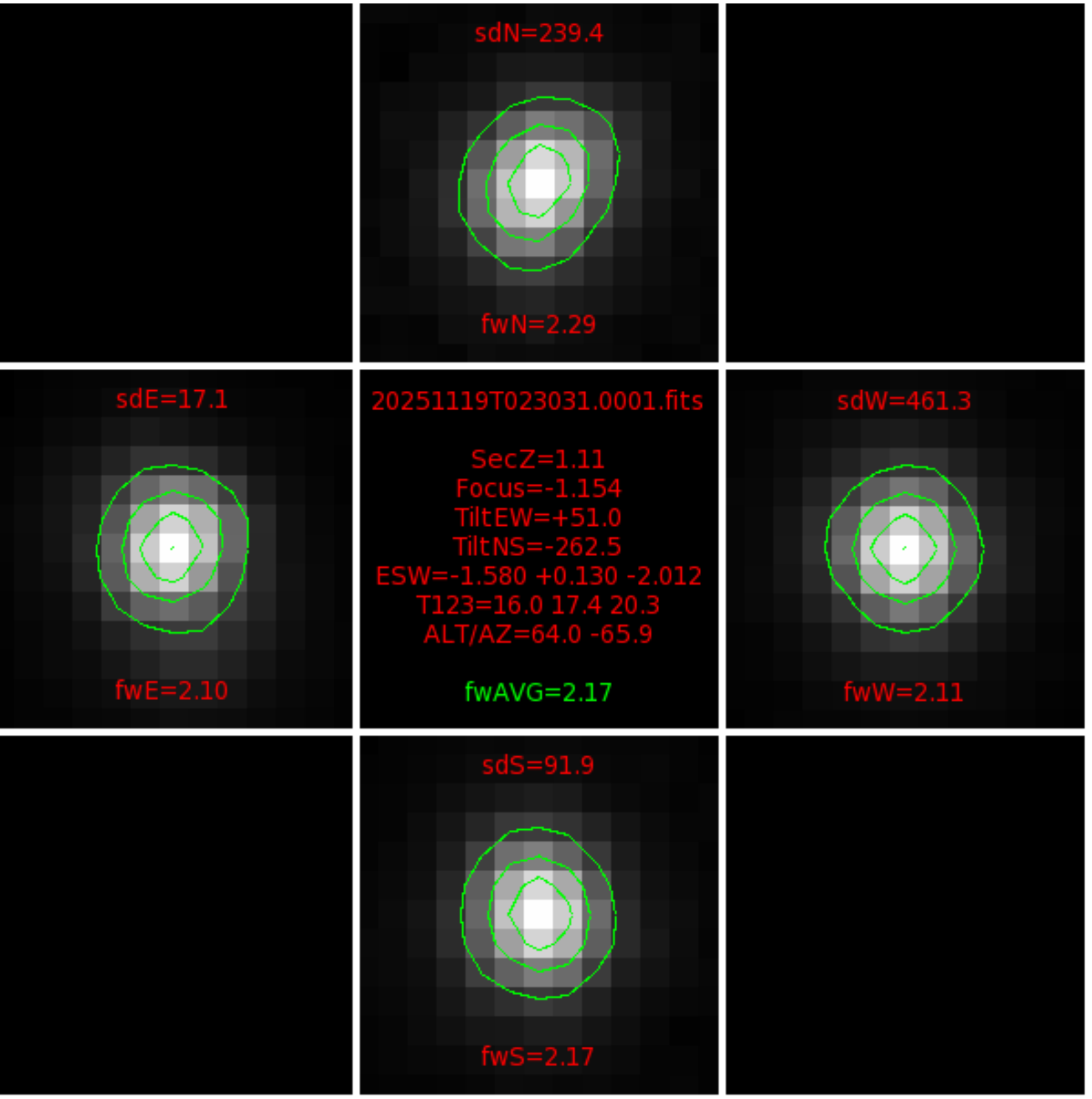
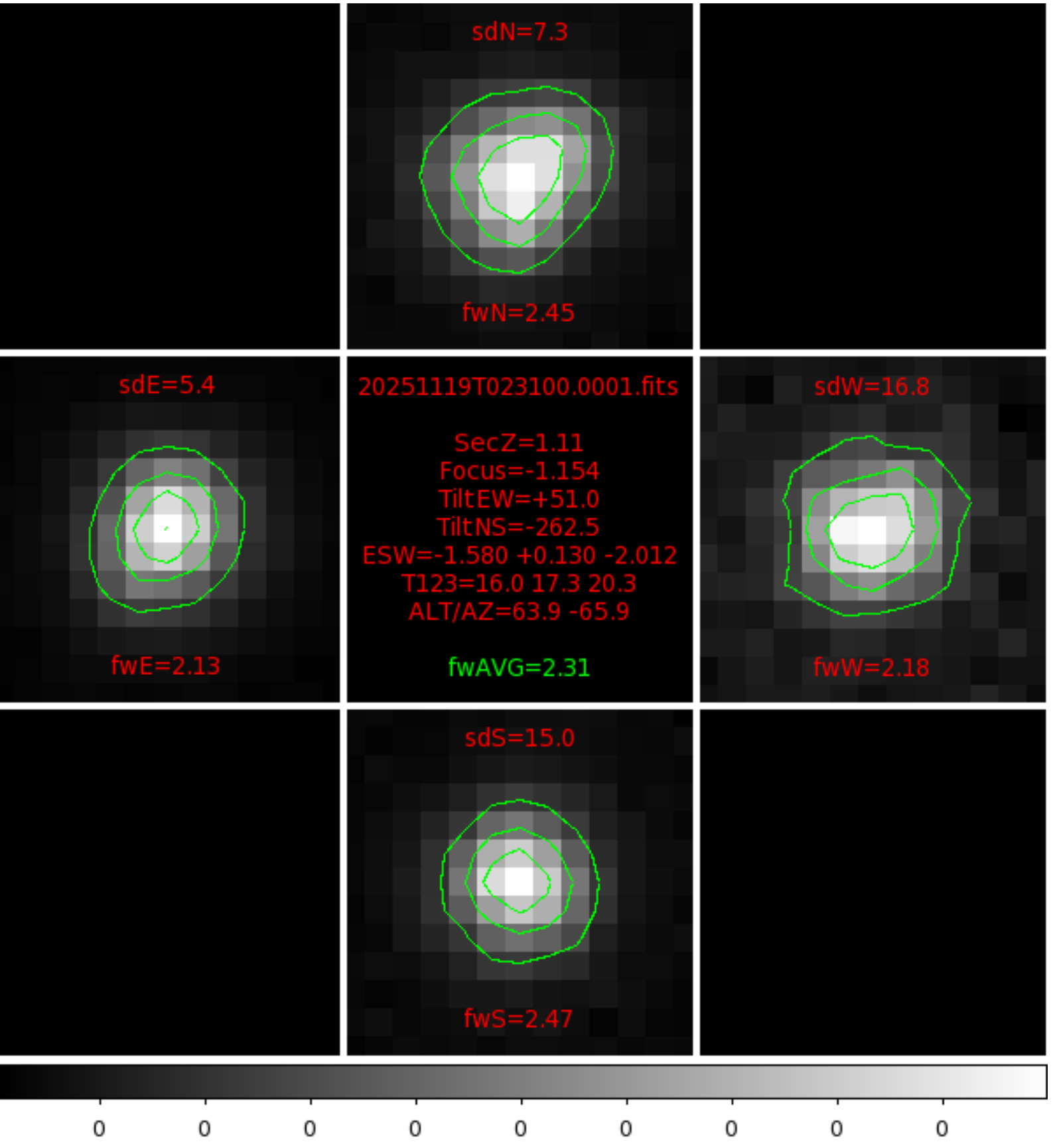
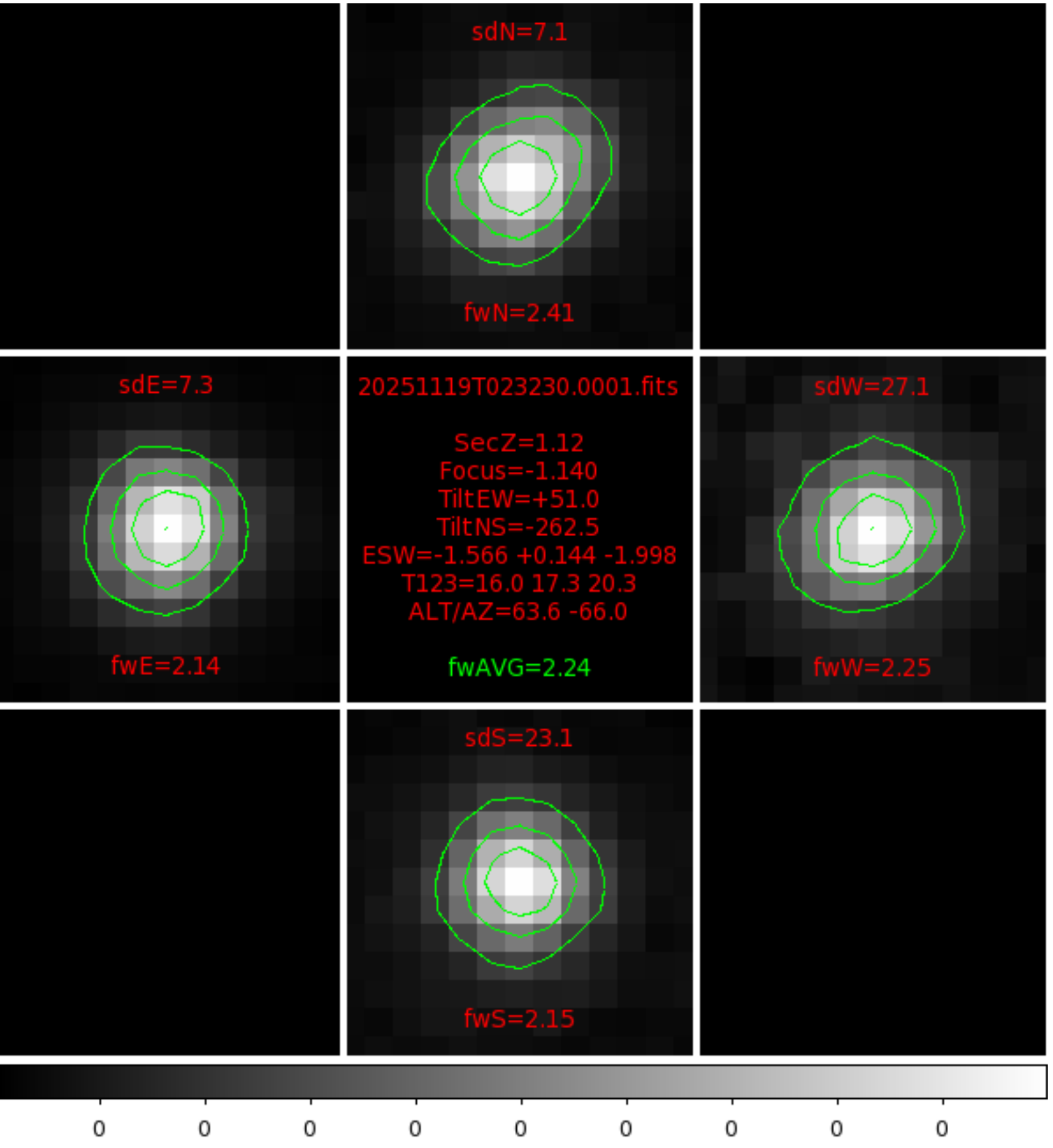

sdN=219.1
fwN=2.39
sdE=13.0
fwE=2.28
20251119T022239.0001.fits
SecZ=1.19
Focus=-1.154
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.580 +0.130 -2.012
T123=0.0 17.5 20.5
ALT/AZ=57.0 -56.2
fwAVG=2.30
sdW=451.2
fwW=2.28
sdS=74.5
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=264.1
fwN=2.43
sdE=17.2
fwE=2.31
20251119T022306.0001.fits
SecZ=1.19
Focus=-1.154
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.580 +0.130 -2.012
T123=16.1 17.5 20.5
ALT/AZ=56.9 -56.2
fwAVG=2.34
sdW=501.0
fwW=2.29
sdS=100.4
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=239.4
fwN=2.29
sdE=17.1
fwE=2.10
20251119T023031.0001.fits
SecZ=1.11
Focus=-1.154
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.580 +0.130 -2.012
T123=16.0 17.4 20.3
ALT/AZ=64.0 -65.9
fwAVG=2.17
sdW=461.3
fwW=2.11
sdS=91.9
fwS=2.17
0 0 0 0 0 0 0 0 0


sdN=7.3
fwN=2.45
sdE=5.4
fwE=2.13
20251119T023100.0001.fits
SecZ=1.11
Focus=-1.154
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.580 +0.130 -2.012
T123=16.0 17.3 20.3
ALT/AZ=63.9 -65.9
fwAVG=2.31
sdW=16.8
fwW=2.18
sdS=15.0
fwS=2.47
0 0 0 0 0 0 0 0 0


sdN=7.1
fwN=2.41
sdE=7.3
fwE=2.14
20251119T023230.0001.fits
SecZ=1.12
Focus=-1.140
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.566 +0.144 -1.998
T123=16.0 17.3 20.3
ALT/AZ=63.6 -66.0
fwAVG=2.24
sdW=27.1
fwW=2.25
sdS=23.1
fwS=2.15
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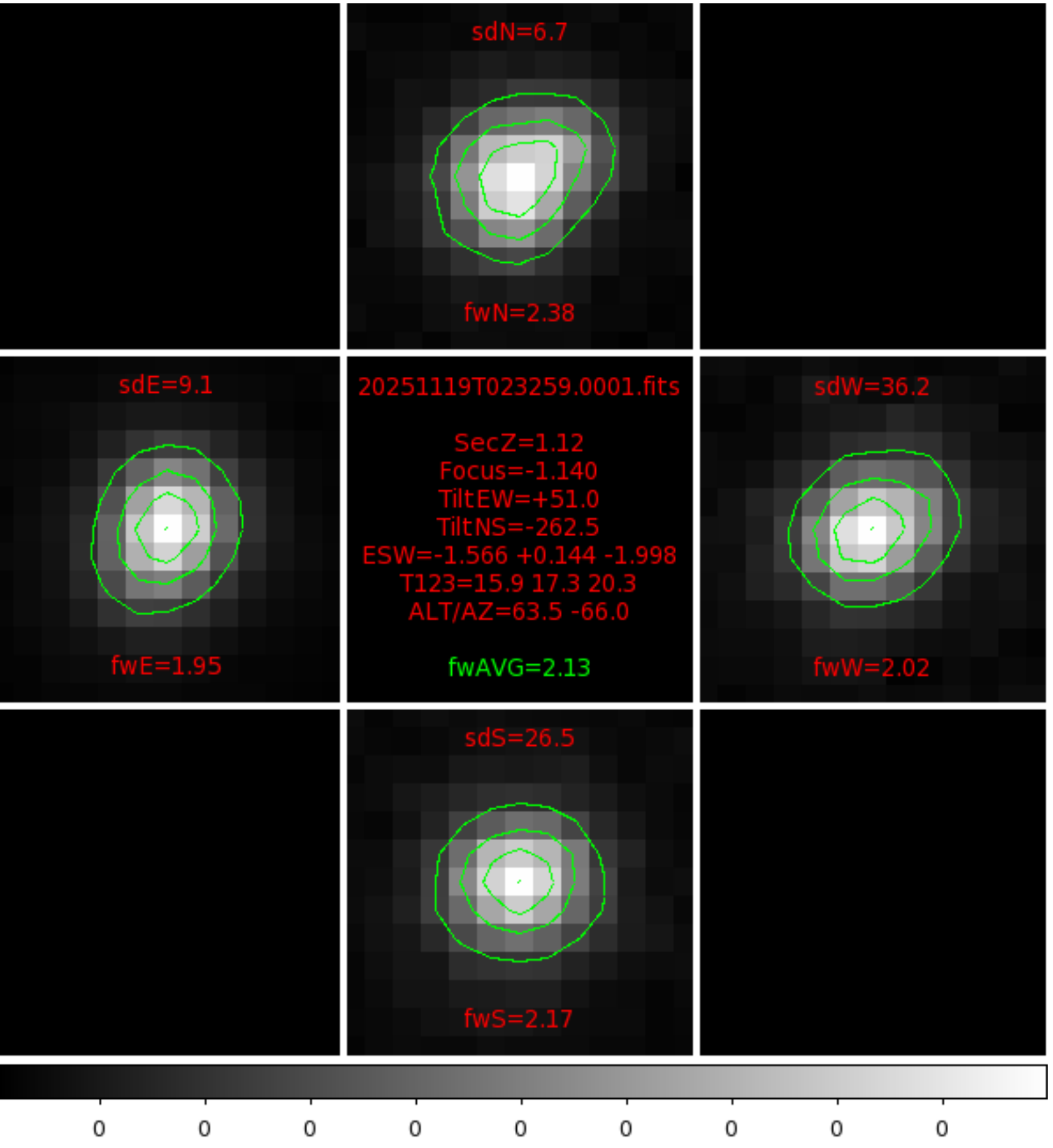
sdN=6.7
fwN=2.38
sdE=9.1
fwE=1.95
20251119T023259.0001.fits
SecZ=1.12
Focus=-1.140
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.566 +0.144 -1.998
T123=15.9 17.3 20.3
ALT/AZ=63.5 -66.0
fwAVG=2.13
sdW=36.2
fwW=2.02
sdS=26.5
fwS=2.17
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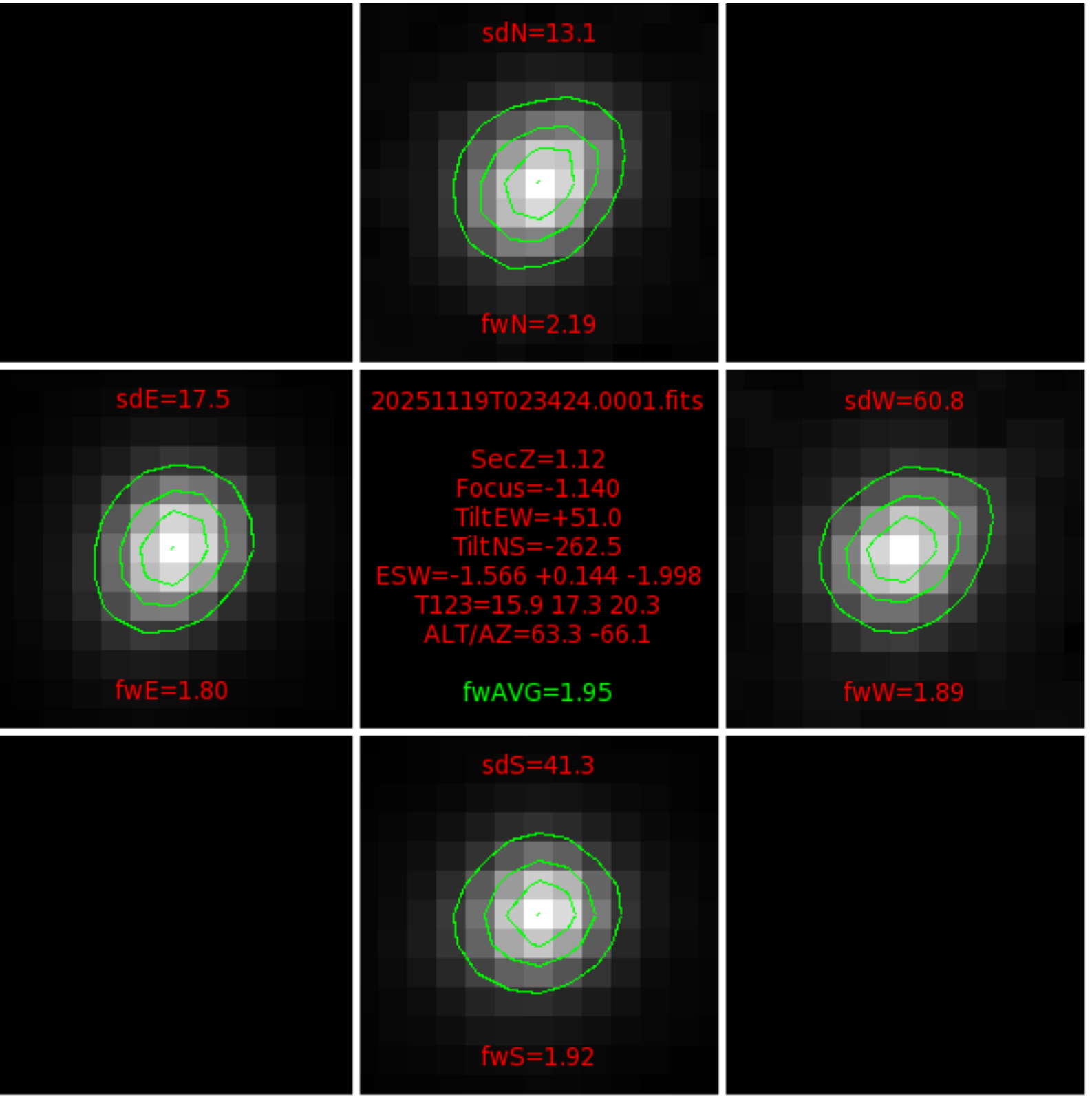
sdN=13.1
fwN=2.19
sdE=17.5
fwE=1.80
20251119T023424.0001.fits
SecZ=1.12
Focus=-1.140
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.566 +0.144 -1.998
T123=15.9 17.3 20.3
ALT/AZ=63.3 -66.1
fwAVG=1.95
sdW=60.8
fwW=1.89
sdS=41.3
fwS=1.92
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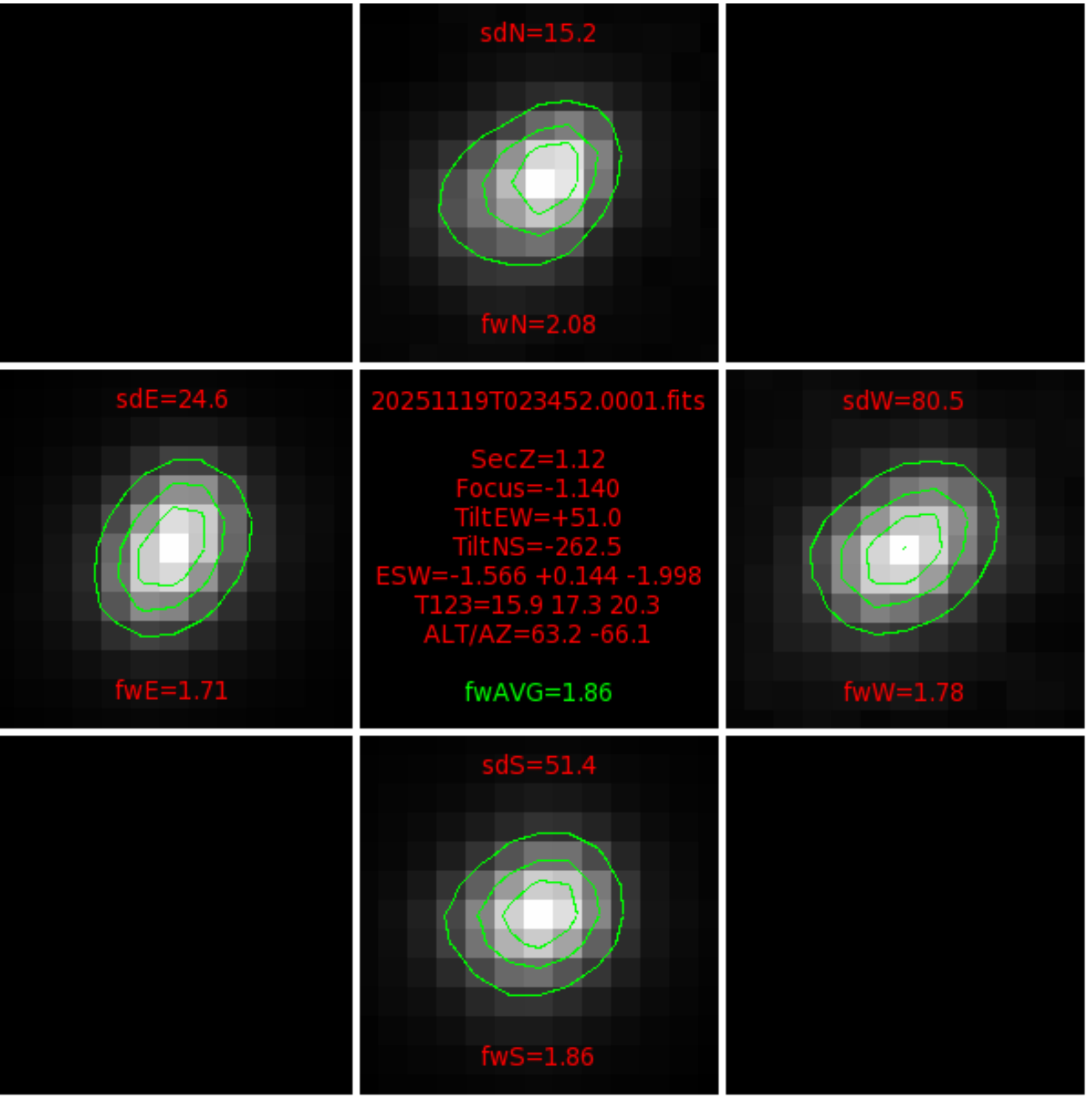
sdN=15.2
fwN=2.08
sdE=24.6
fwE=1.71
20251119T023452.0001.fits
SecZ=1.12
Focus=-1.140
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.566 +0.144 -1.998
T123=15.9 17.3 20.3
ALT/AZ=63.2 -66.1
fwAVG=1.86
sdW=80.5
fwW=1.78
sdS=51.4
fwS=1.86
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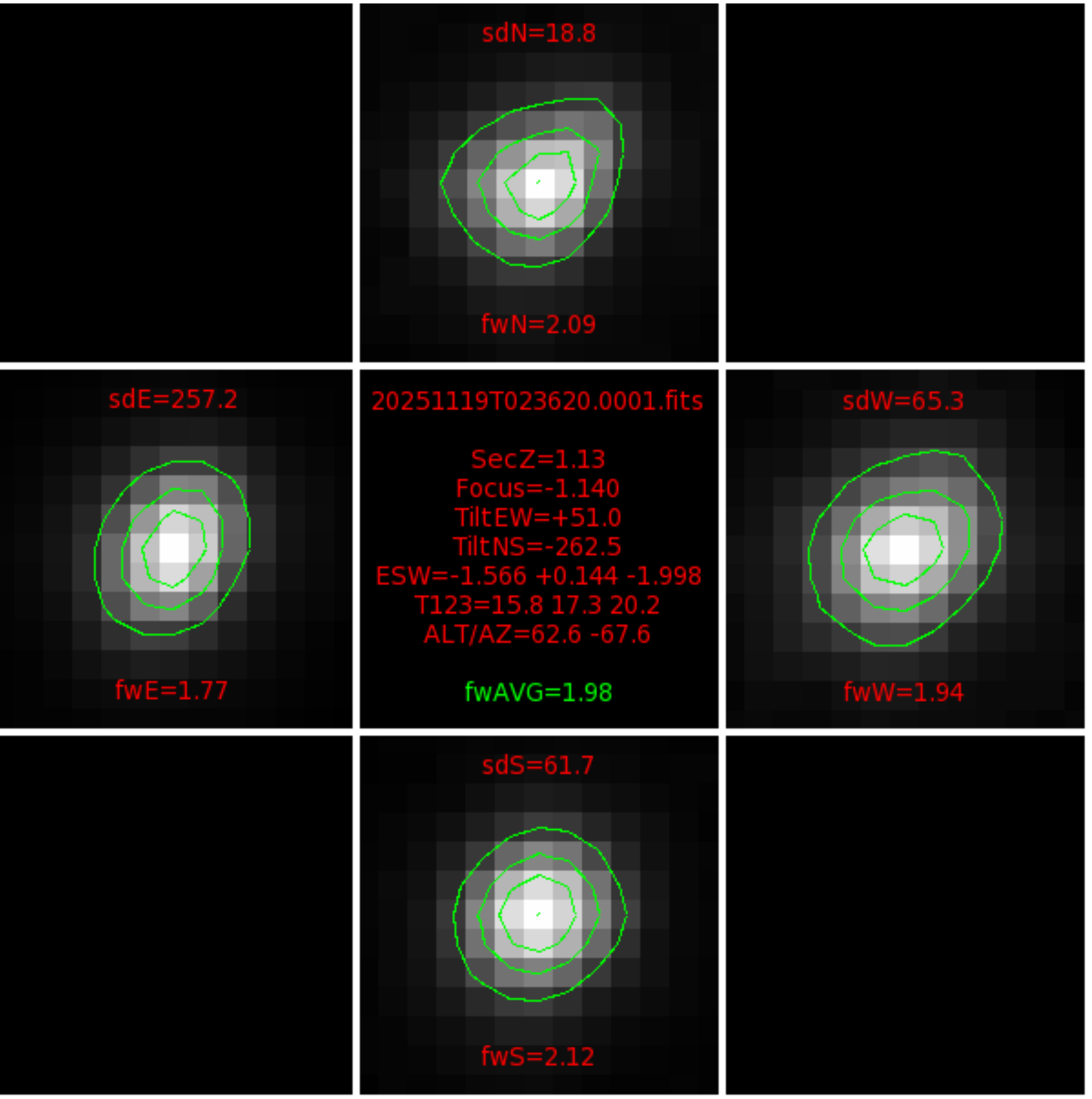
sdN=18.8
fwN=2.09
sdE=257.2
fwE=1.77
20251119T023620.0001.fits
SecZ=1.13
Focus=-1.140
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.566 +0.144 -1.998
T123=15.8 17.3 20.2
ALT/AZ=62.6 -67.6
fwAVG=1.98
sdW=65.3
fwW=1.94
sdS=61.7
fwS=2.12
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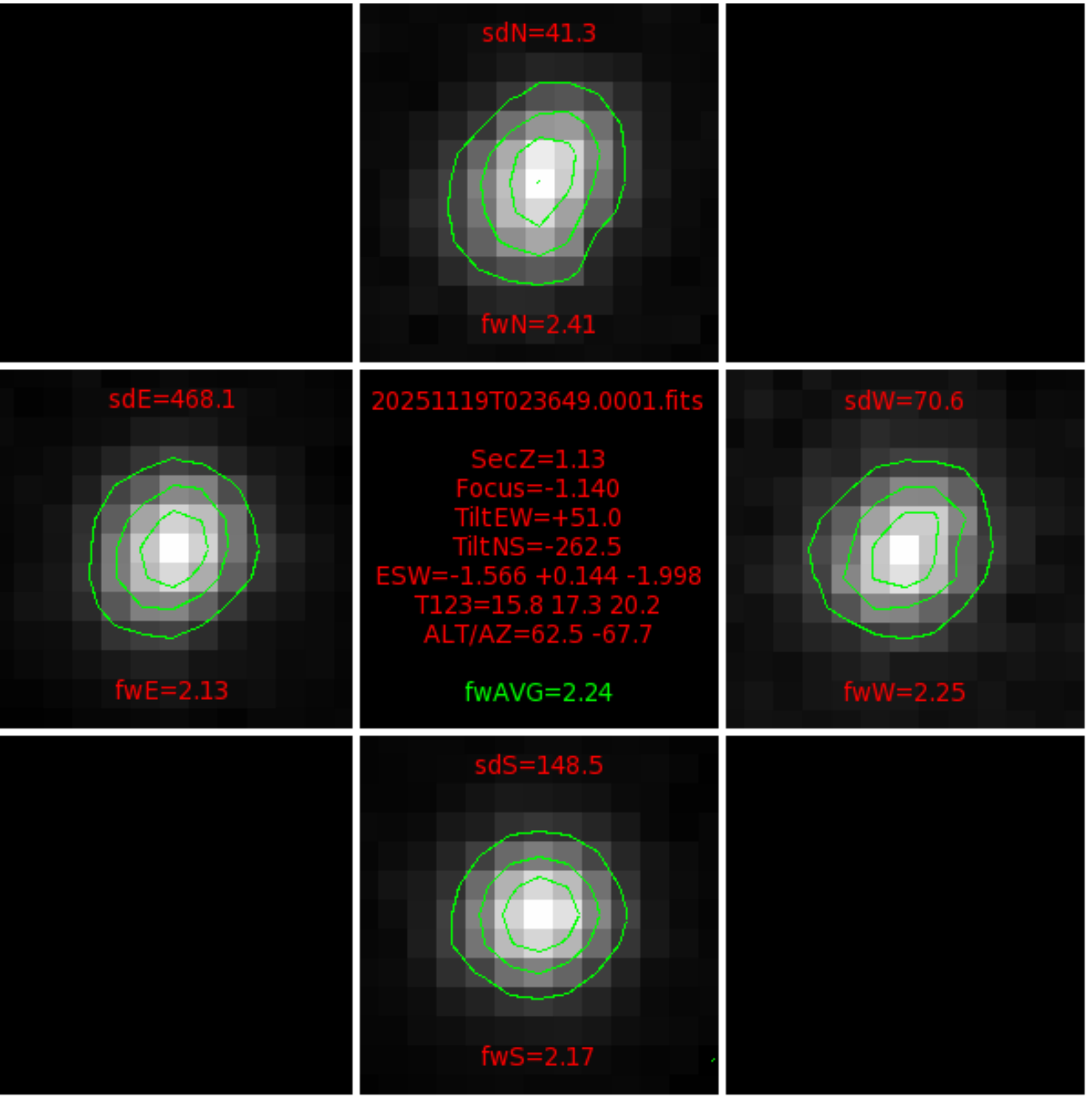
sdN=41.3
fwN=2.41
sdE=468.1
fwE=2.13
20251119T023649.0001.fits
SecZ=1.13
Focus=-1.140
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.566 +0.144 -1.998
T123=15.8 17.3 20.2
ALT/AZ=62.5 -67.7
fwAVG=2.24
sdW=70.6
fwW=2.25
sdS=148.5
fwS=2.17
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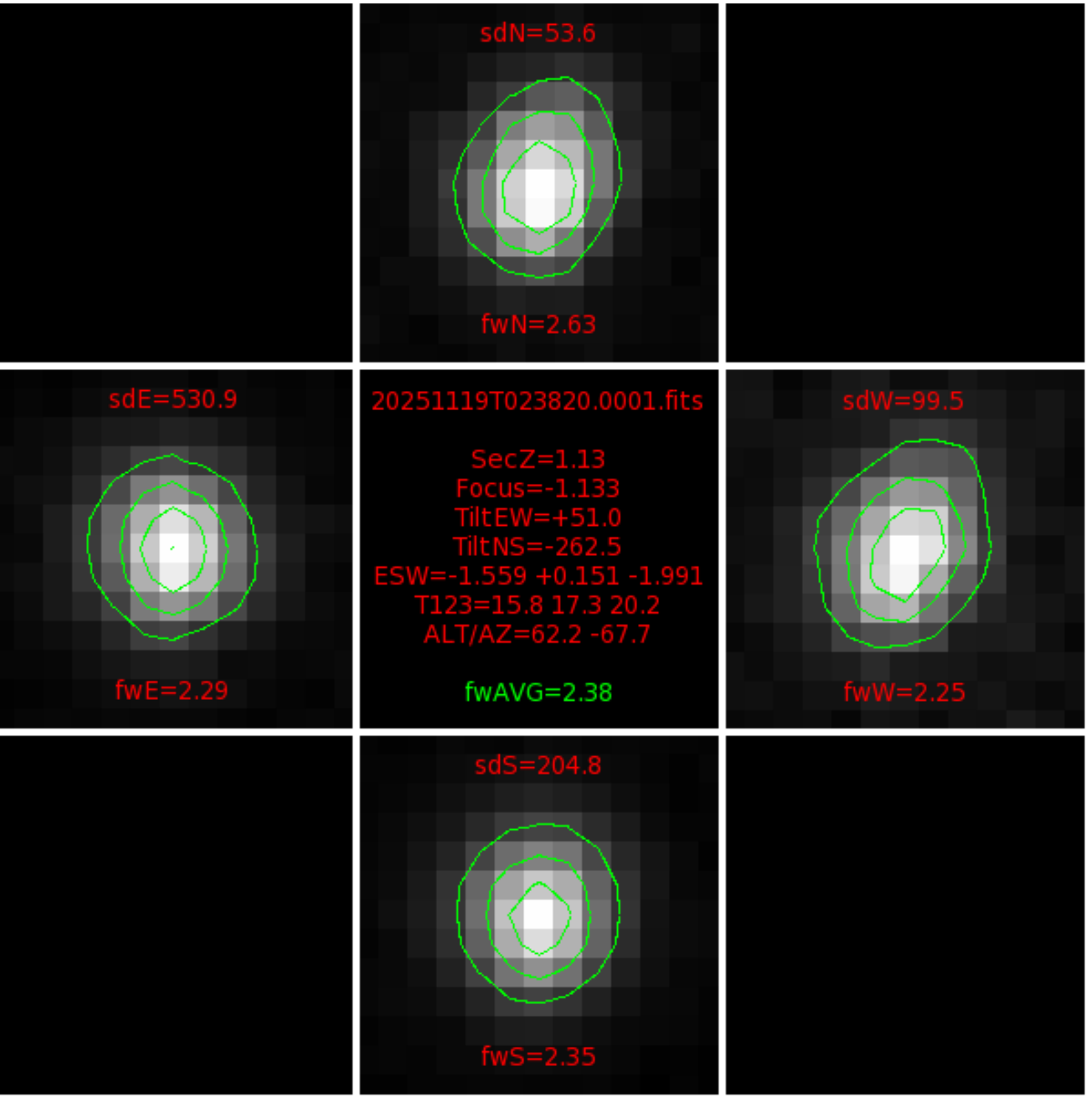
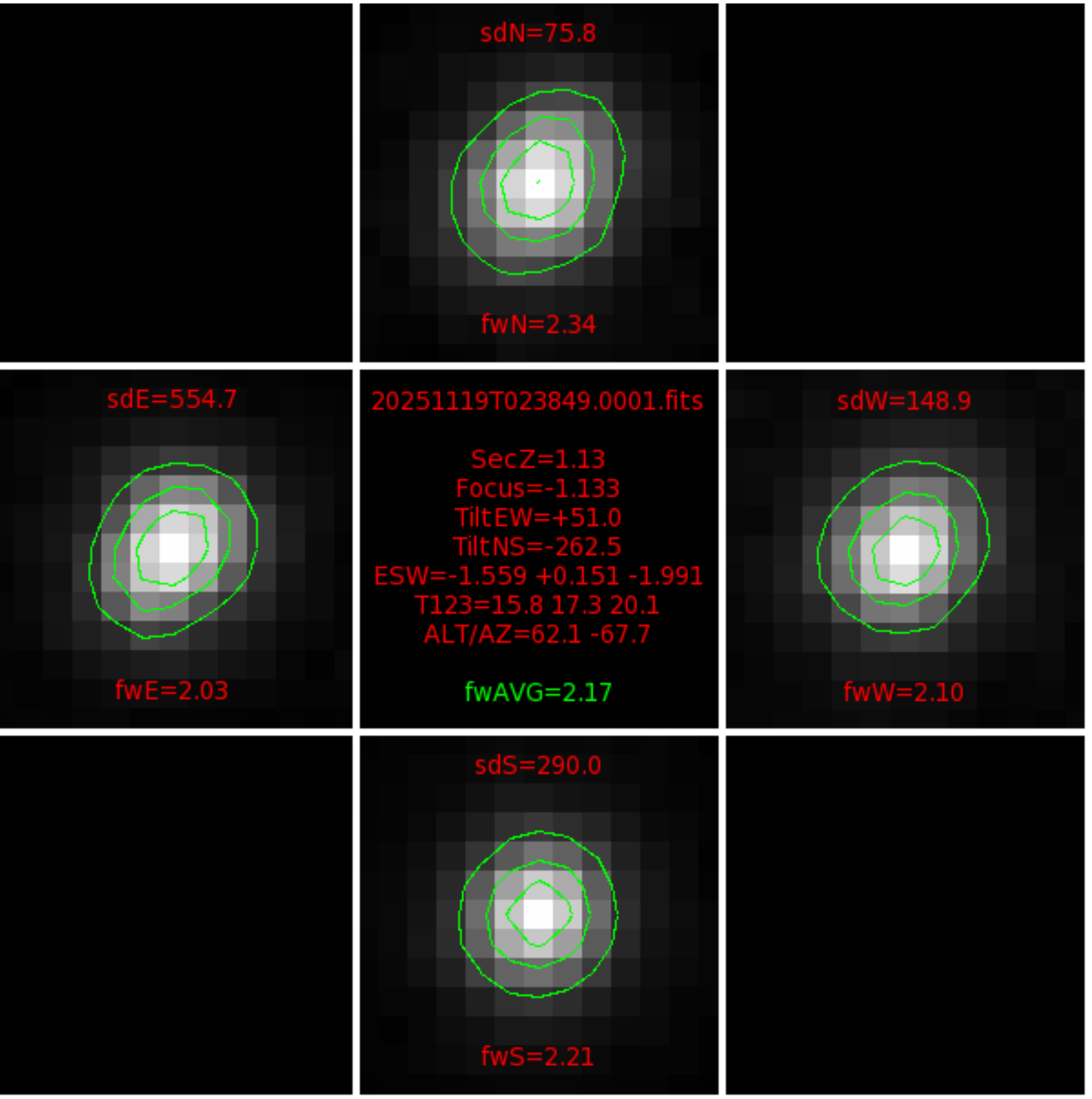

sdN=53.6
fwN=2.63
sdE=530.9
fwE=2.29
20251119T023820.0001.fits
SecZ=1.13
Focus=-1.133
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.559 +0.151 -1.991
T123=15.8 17.3 20.2
ALT/AZ=62.2 -67.7
fwAVG=2.38
sdW=99.5
fwW=2.25
sdS=204.8
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=75.8
fwN=2.34
sdE=554.7
fwE=2.03
20251119T023849.0001.fits
SecZ=1.13
Focus=-1.133
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.559 +0.151 -1.991
T123=15.8 17.3 20.1
ALT/AZ=62.1 -67.7
fwAVG=2.17
sdW=148.9
fwW=2.10
sdS=290.0
fwS=2.21
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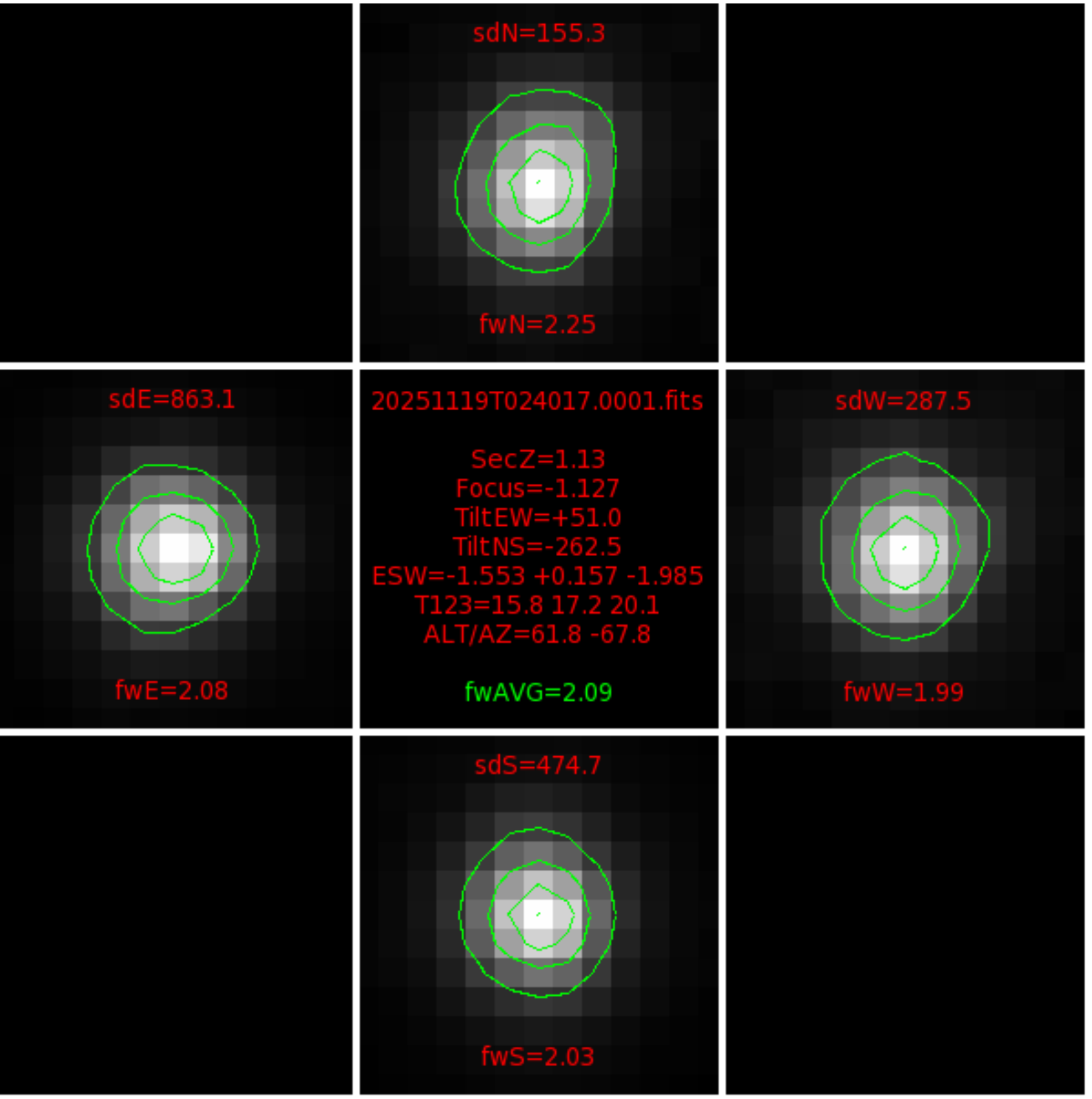
sdN=155.3
fwN=2.25
sdE=863.1
fwE=2.08
20251119T024017.0001.fits
SecZ=1.13
Focus=-1.127
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.553 +0.157 -1.985
T123=15.8 17.2 20.1
ALT/AZ=61.8 -67.8
fwAVG=2.09
sdW=287.5
fwW=1.99
sdS=474.7
fwS=2.03
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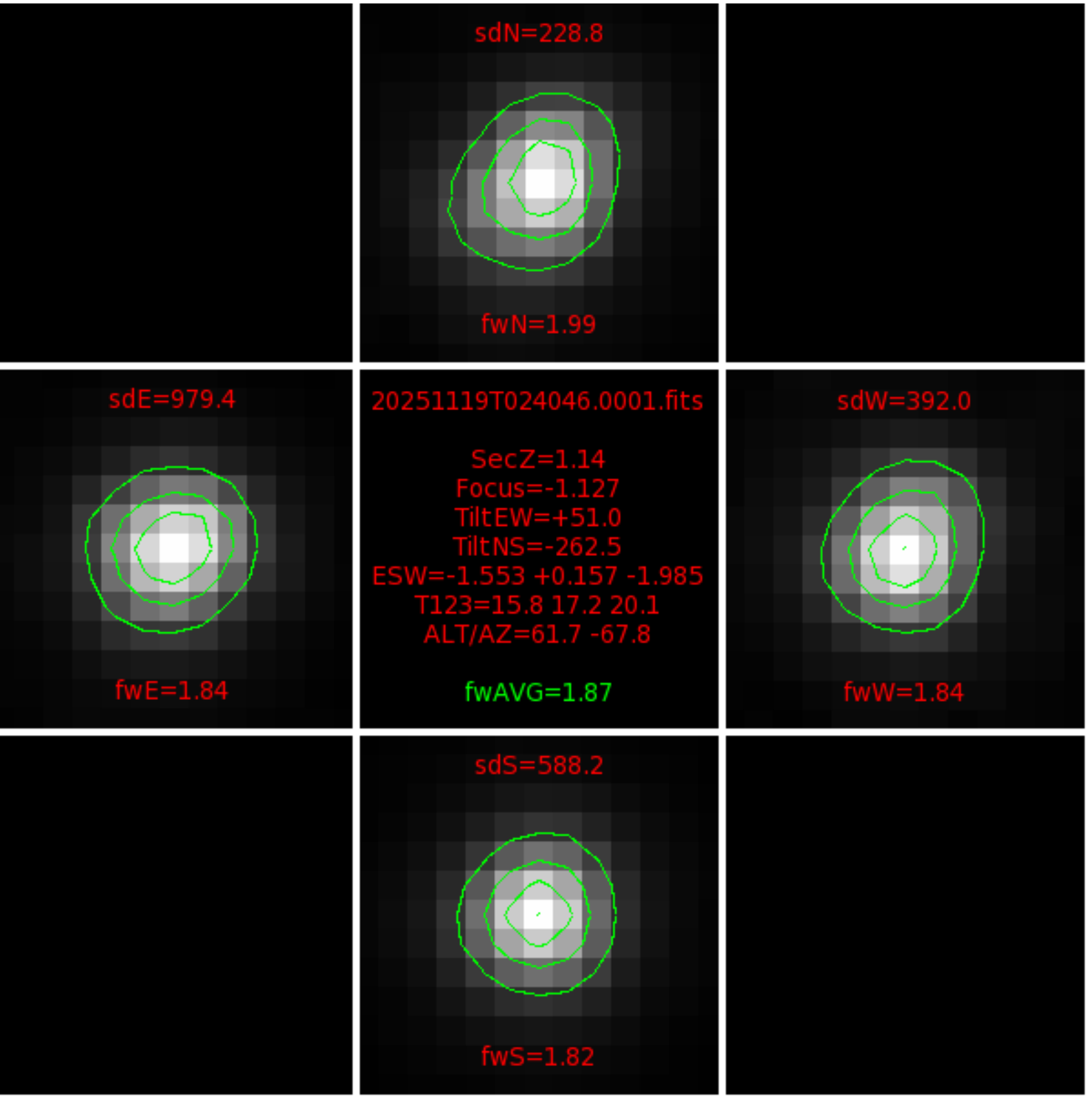
sdN=228.8
fwN=1.99
sdE=979.4
fwE=1.84
20251119T024046.0001.fits
SecZ=1.14
Focus=-1.127
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.553 +0.157 -1.985
T123=15.8 17.2 20.1
ALT/AZ=61.7 -67.8
fwAVG=1.87
sdW=392.0
fwW=1.84
sdS=588.2
fwS=1.82
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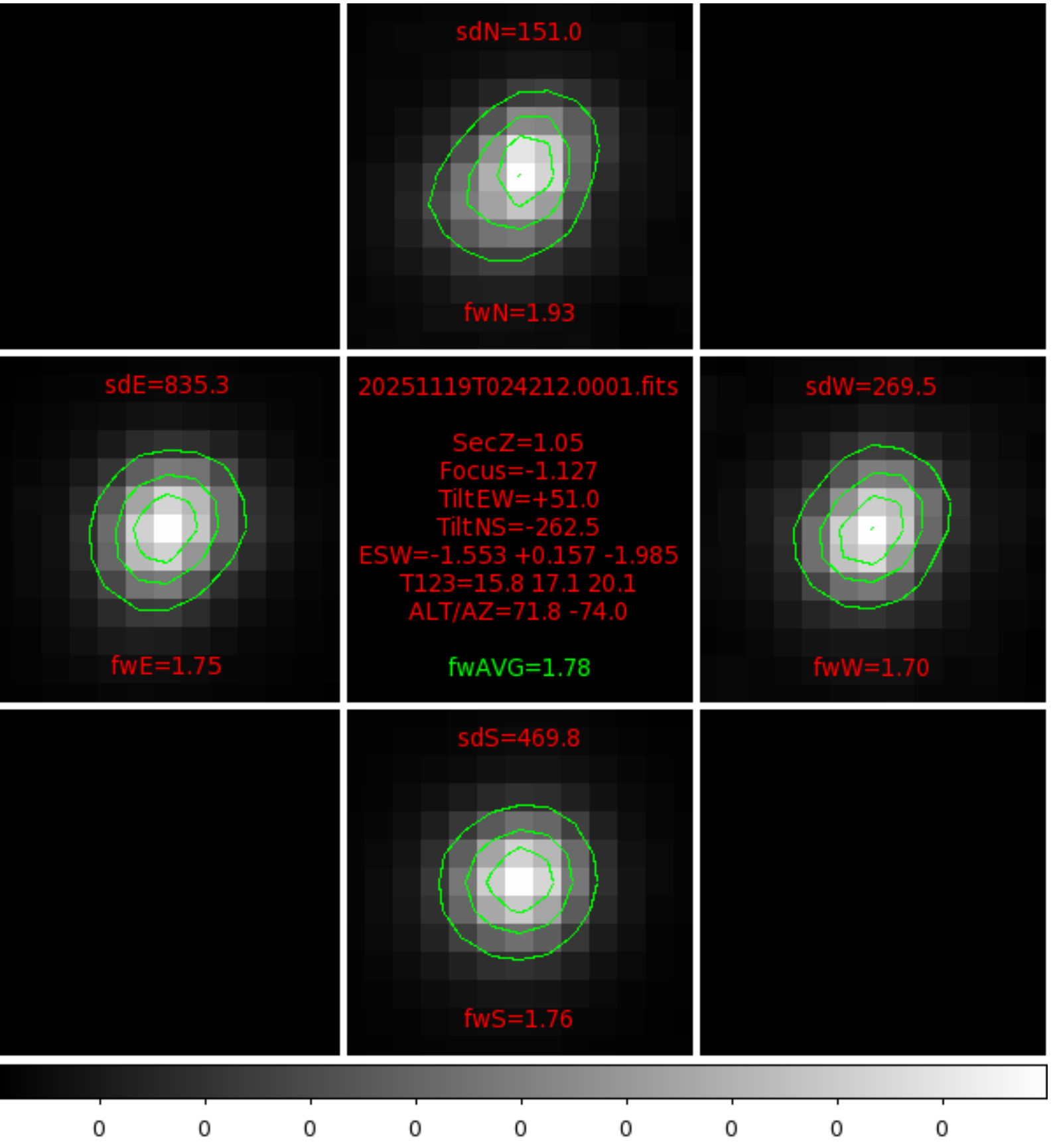
sdN=151.0
fwN=1.93
sdE=835.3
fwE=1.75
20251119T024212.0001.fits
SecZ=1.05
Focus=-1.127
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.553 +0.157 -1.985
T123=15.8 17.1 20.1
ALT/AZ=71.8 -74.0
fwAVG=1.78
sdW=269.5
fwW=1.70
sdS=469.8
fwS=1.76
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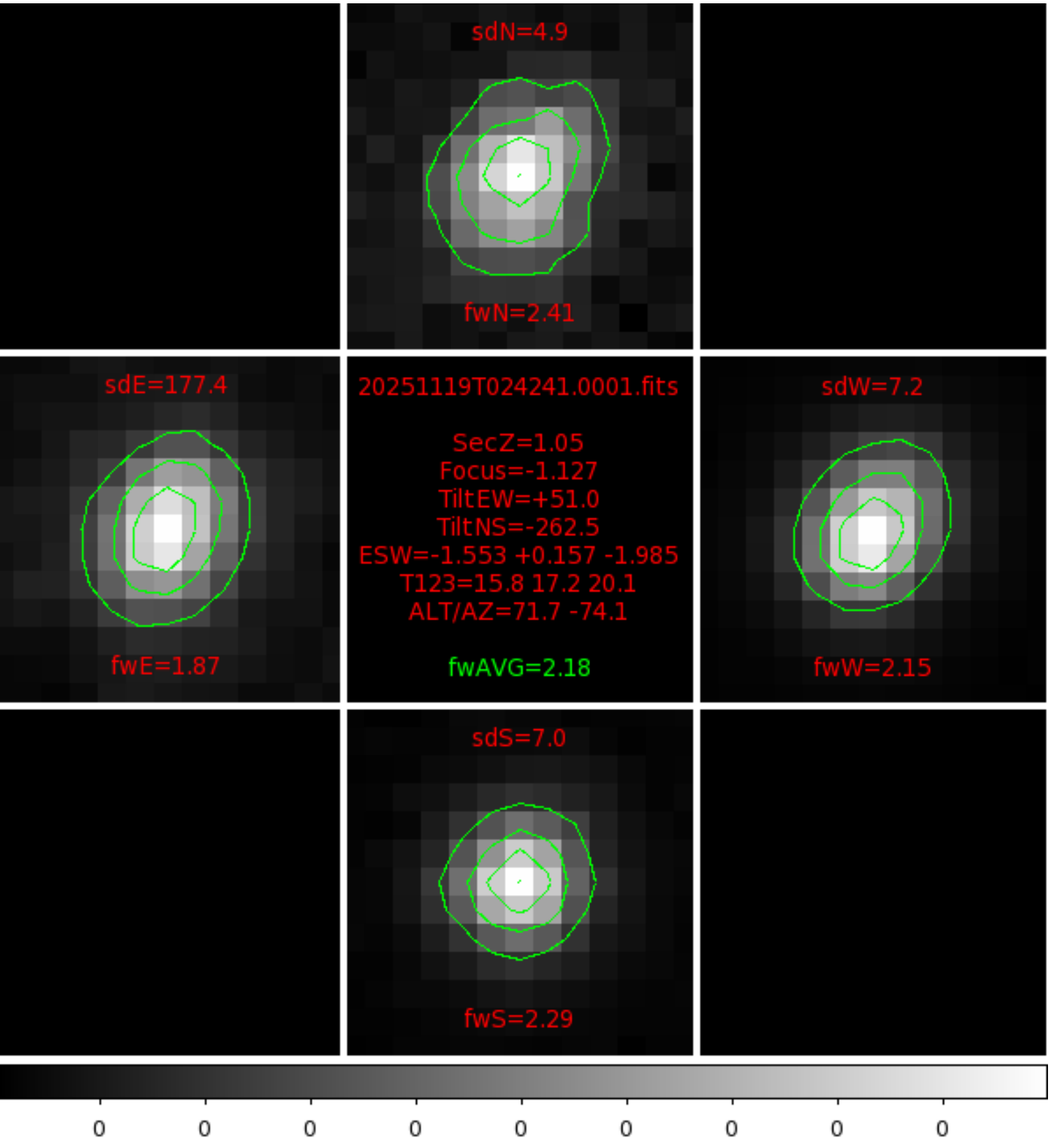
sdN=4.9
fwN=2.41
sdE=177.4
fwE=1.87
20251119T024241.0001.fits
SecZ=1.05
Focus=-1.127
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.553 +0.157 -1.985
T123=15.8 17.2 20.1
ALT/AZ=71.7 -74.1
fwAVG=2.18
sdW=7.2
fwW=2.15
sdS=7.0
fwS=2.29
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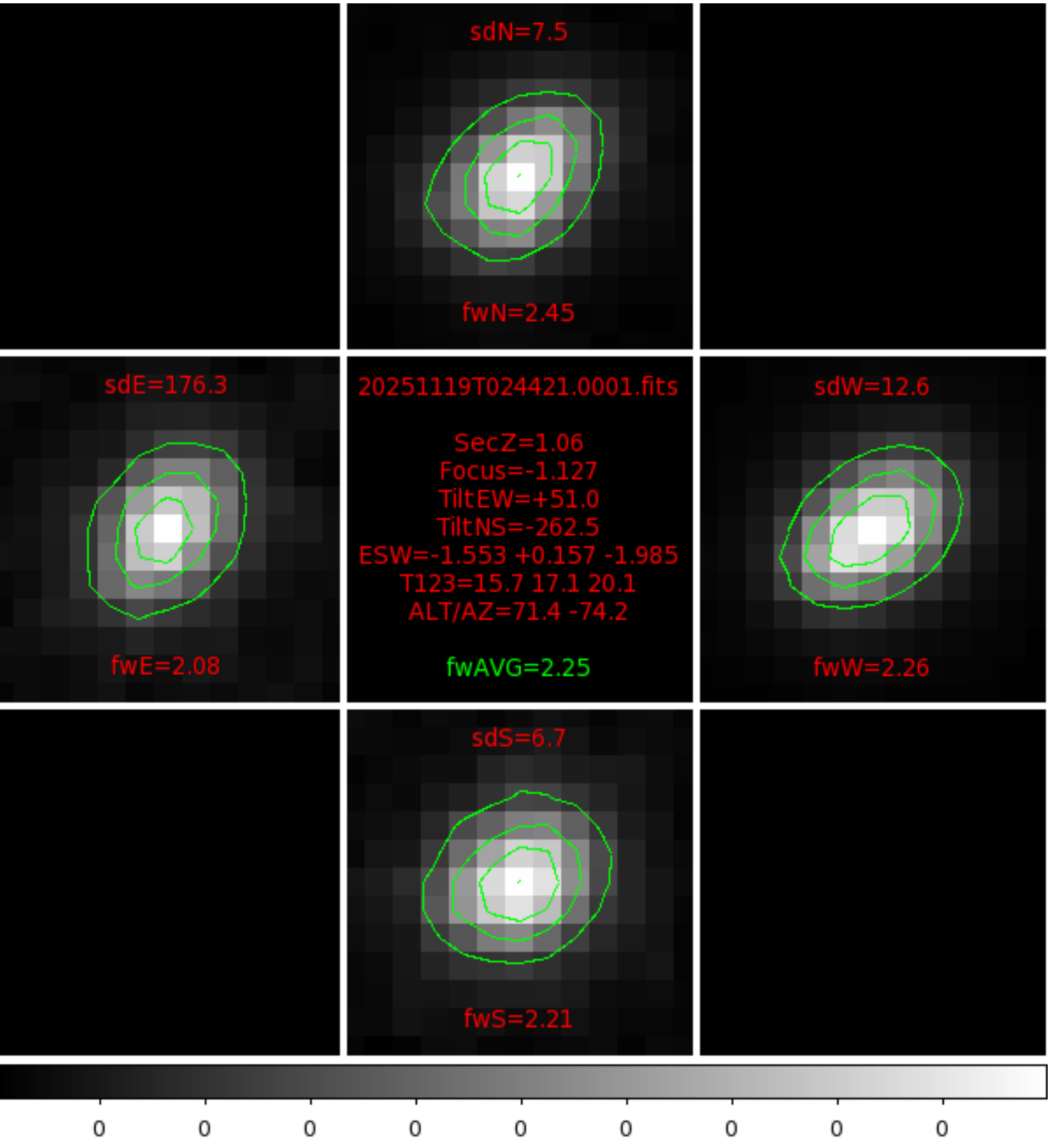
sdN=7.5
fwN=2.45
sdE=176.3
fwE=2.08
20251119T024421.0001.fits
SecZ=1.06
Focus=-1.127
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.553 +0.157 -1.985
T123=15.7 17.1 20.1
ALT/AZ=71.4 -74.2
fwAVG=2.25
sdW=12.6
fwW=2.26
sdS=6.7
fwS=2.21
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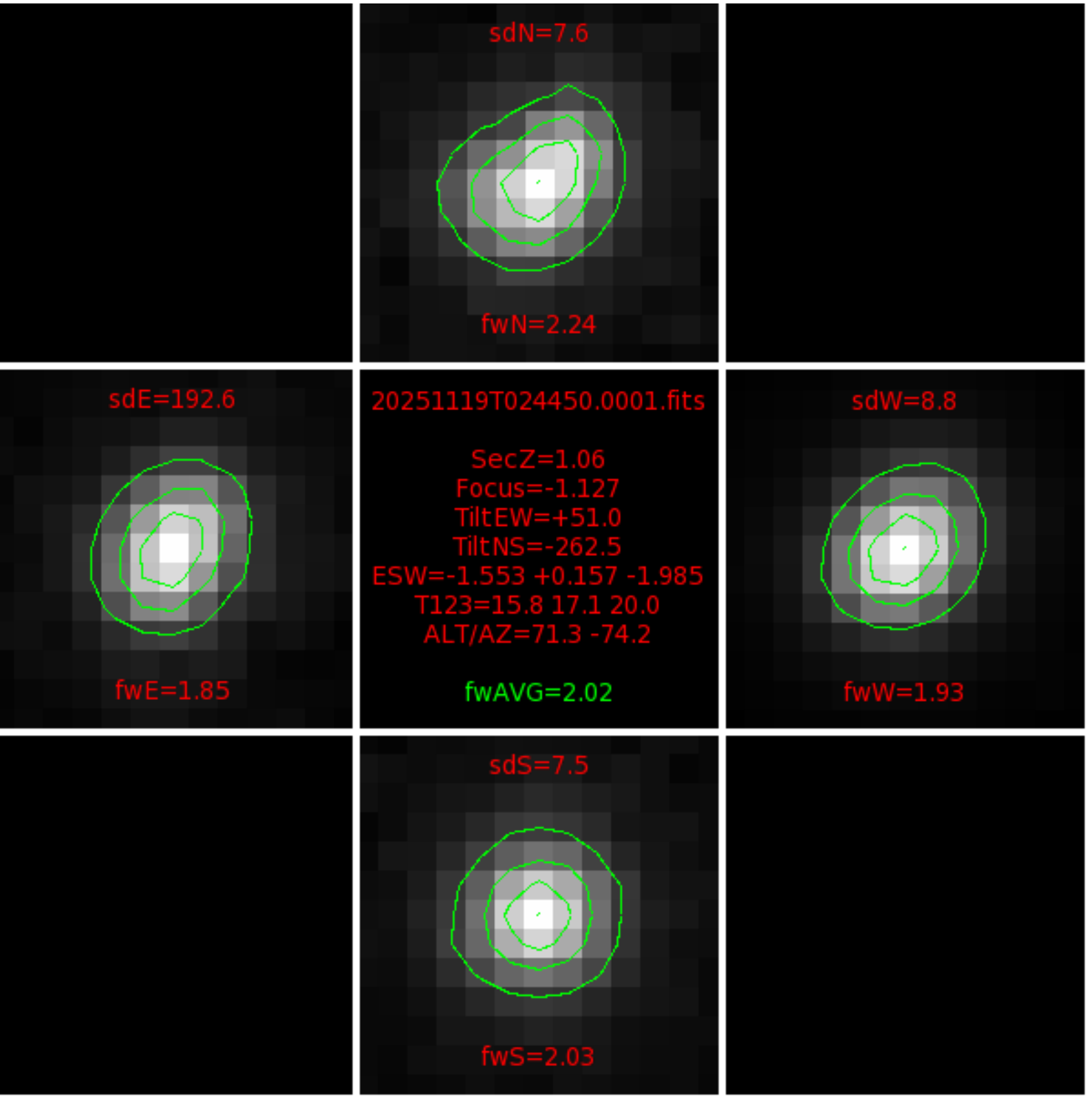
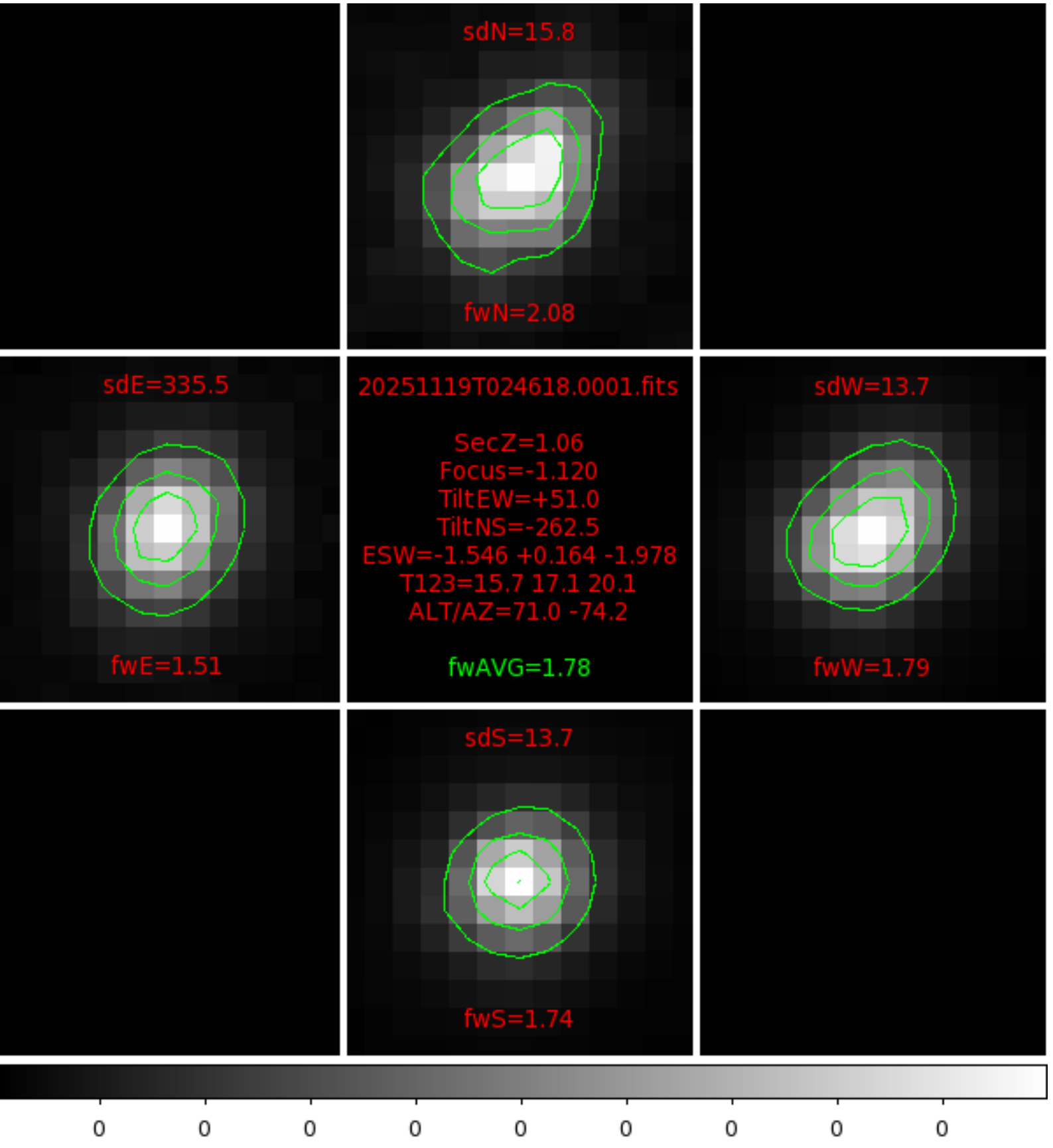
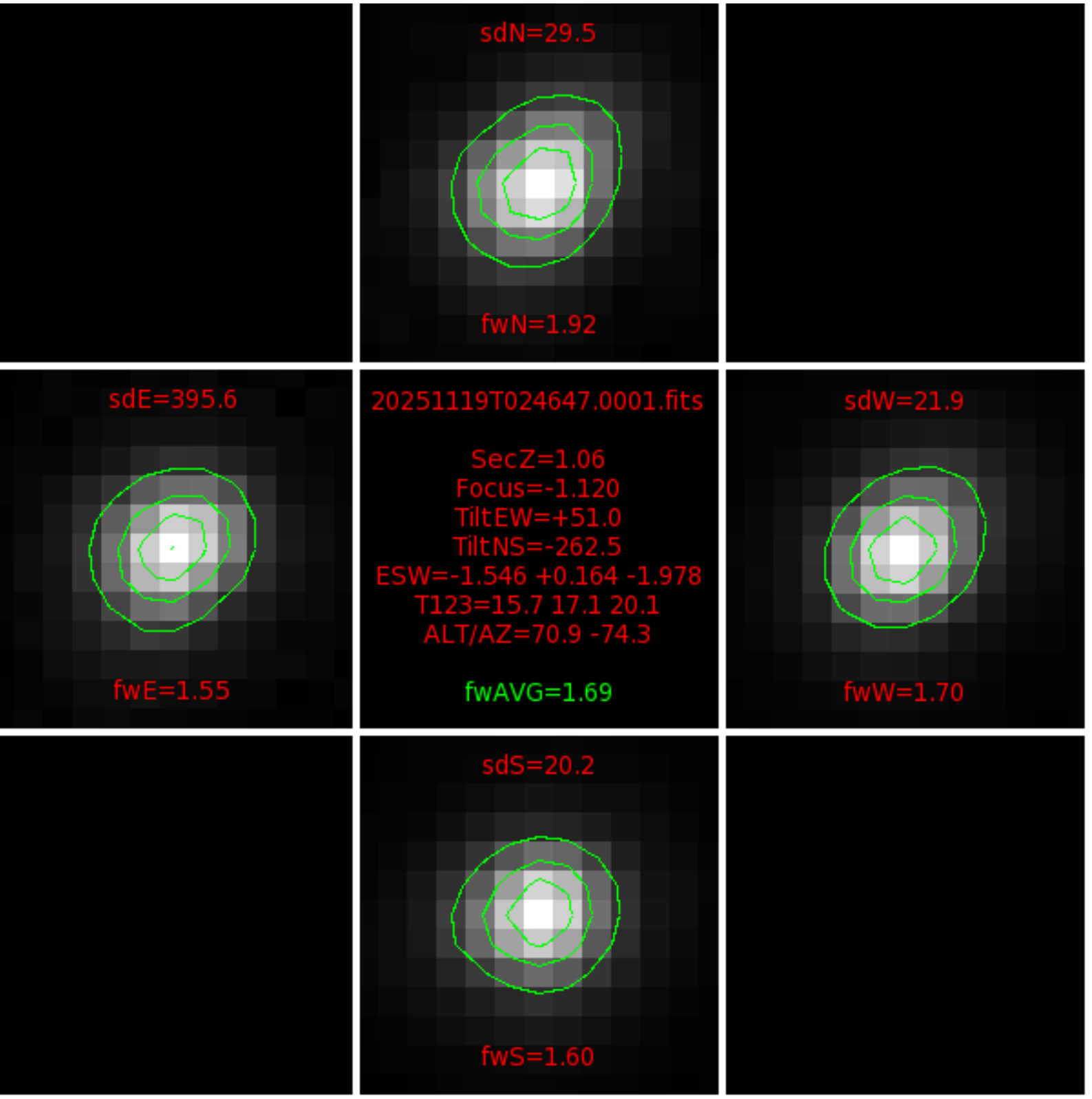
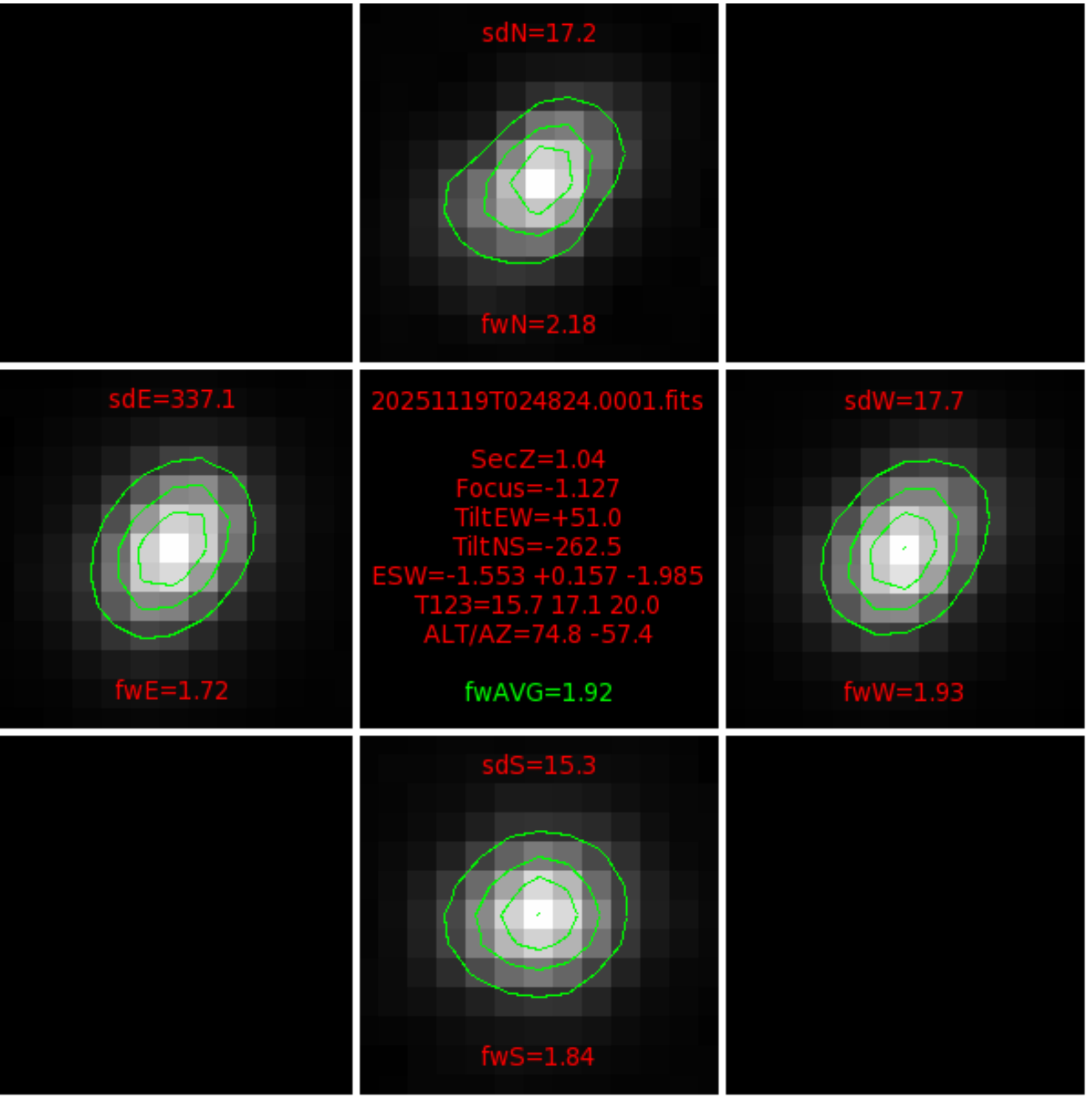

sdN=7.6
fwN=2.24
sdE=192.6
fwE=1.85
20251119T024450.0001.fits
SecZ=1.06
Focus=-1.127
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.553 +0.157 -1.985
T123=15.8 17.1 20.0
ALT/AZ=71.3 -74.2
fwAVG=2.02
sdW=8.8
fwW=1.93
sdS=7.5
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=15.8
fwN=2.08
sdE=335.5
fwE=1.51
20251119T024618.0001.fits
SecZ=1.06
Focus=-1.120
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.546 +0.164 -1.978
T123=15.7 17.1 20.1
ALT/AZ=71.0 -74.2
fwAVG=1.78
sdW=13.7
fwW=1.79
sdS=13.7
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=29.5
fwN=1.92
sdE=395.6
fwE=1.55
20251119T024647.0001.fits
SecZ=1.06
Focus=-1.120
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.546 +0.164 -1.978
T123=15.7 17.1 20.1
ALT/AZ=70.9 -74.3
fwAVG=1.69
sdW=21.9
fwW=1.70
sdS=20.2
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=17.2
fwN=2.18
sdE=337.1
fwE=1.72
20251119T024824.0001.fits
SecZ=1.04
Focus=-1.127
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.553 +0.157 -1.985
T123=15.7 17.1 20.0
ALT/AZ=74.8 -57.4
fwAVG=1.92
sdW=17.7
fwW=1.93
sdS=15.3
fwS=1.84
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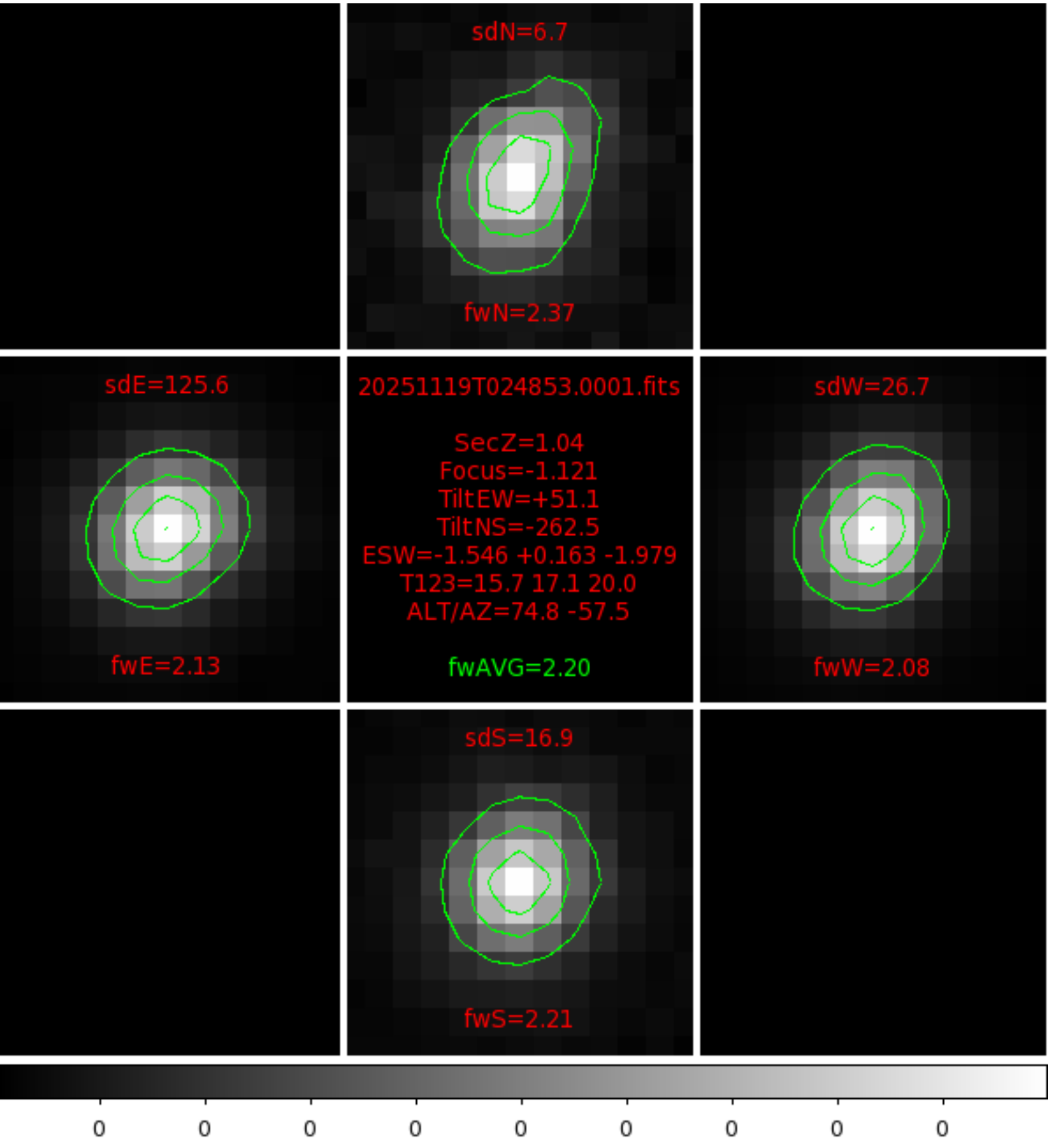
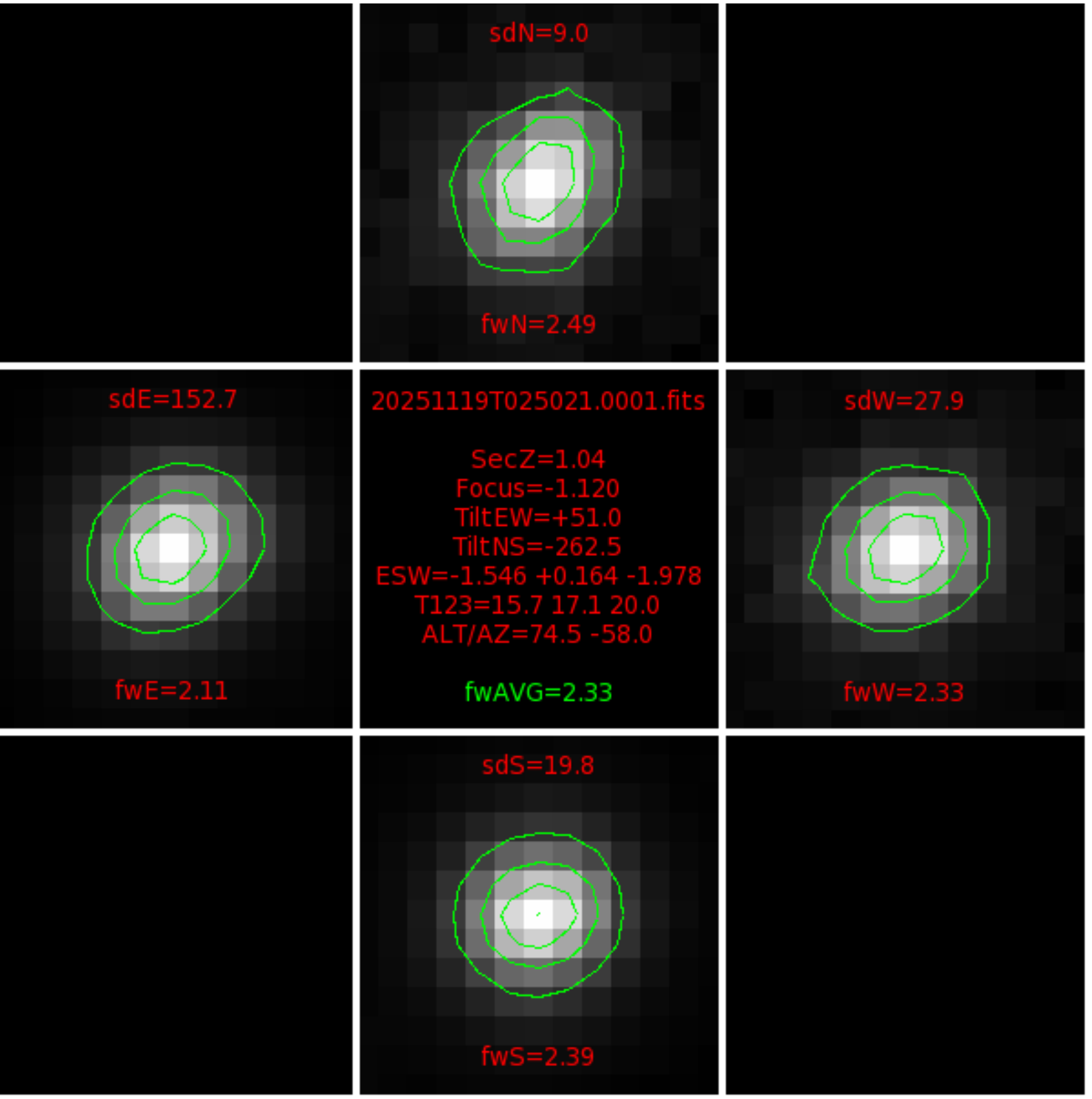

sdN=6.7
fwN=2.37
sdE=125.6
fwE=2.13
20251119T024853.0001.fits
SecZ=1.04
Focus=-1.121
TiltEW=+51.1
TiltNS=-262.5
ESW=-1.546 +0.163 -1.979
T123=15.7 17.1 20.0
ALT/AZ=74.8 -57.5
fwAVG=2.20
sdW=26.7
fwW=2.08
sdS=16.9
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=9.0
fwN=2.49
sdE=152.7
fwE=2.11
20251119T025021.0001.fits
SecZ=1.04
Focus=-1.120
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.546 +0.164 -1.978
T123=15.7 17.1 20.0
ALT/AZ=74.5 -58.0
fwAVG=2.33
sdW=27.9
fwW=2.33
sdS=19.8
fwS=2.39
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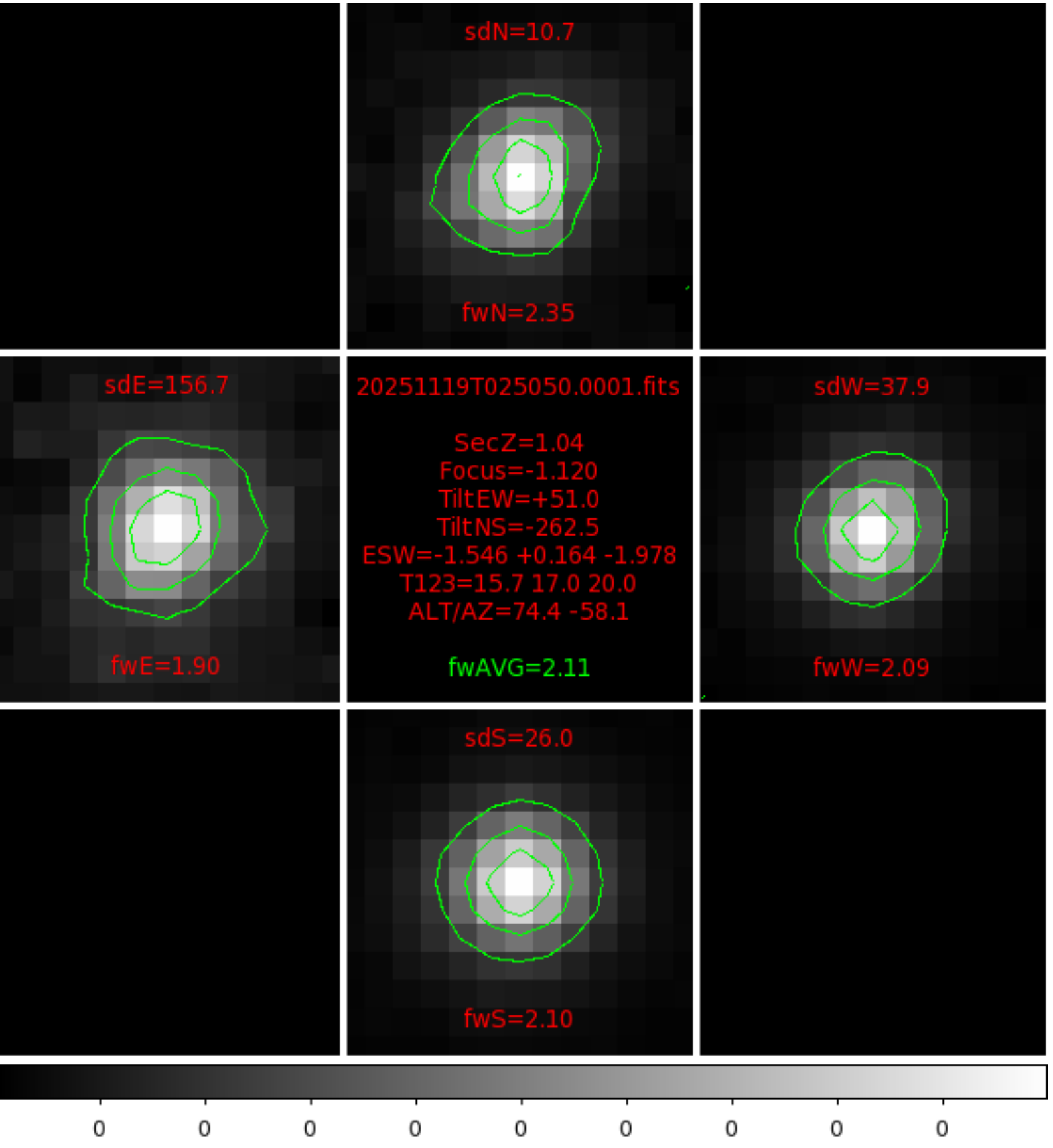
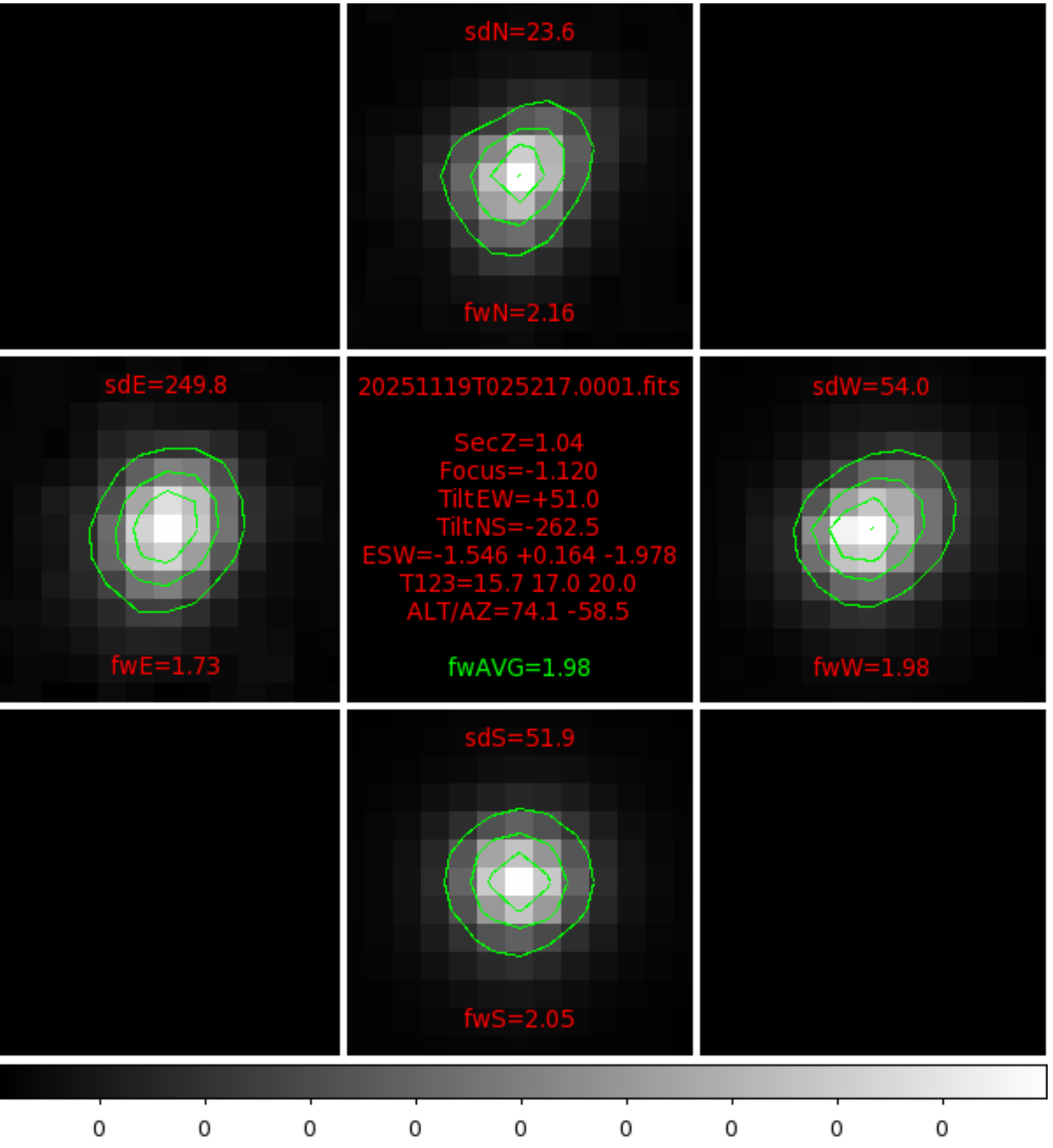
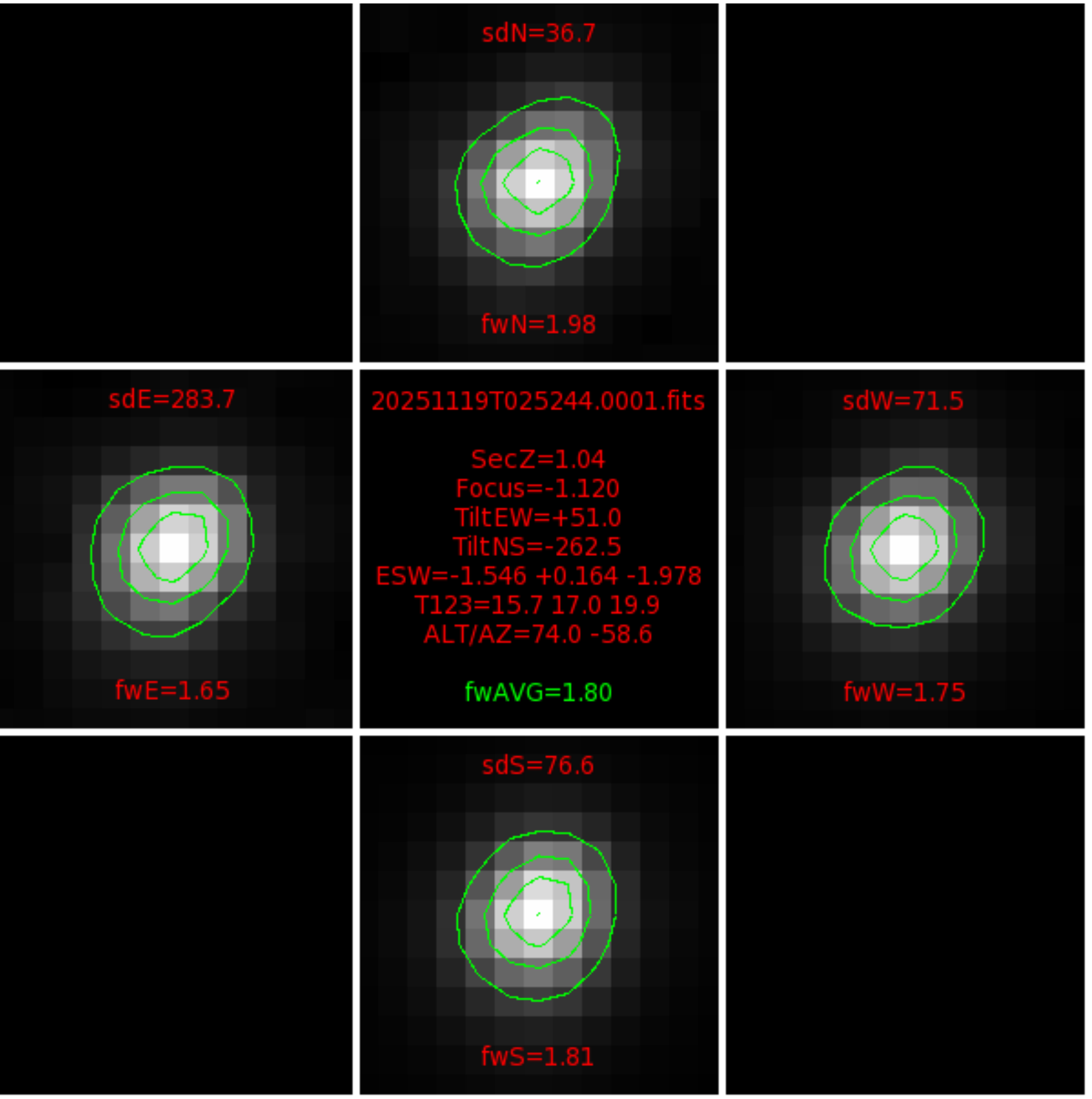
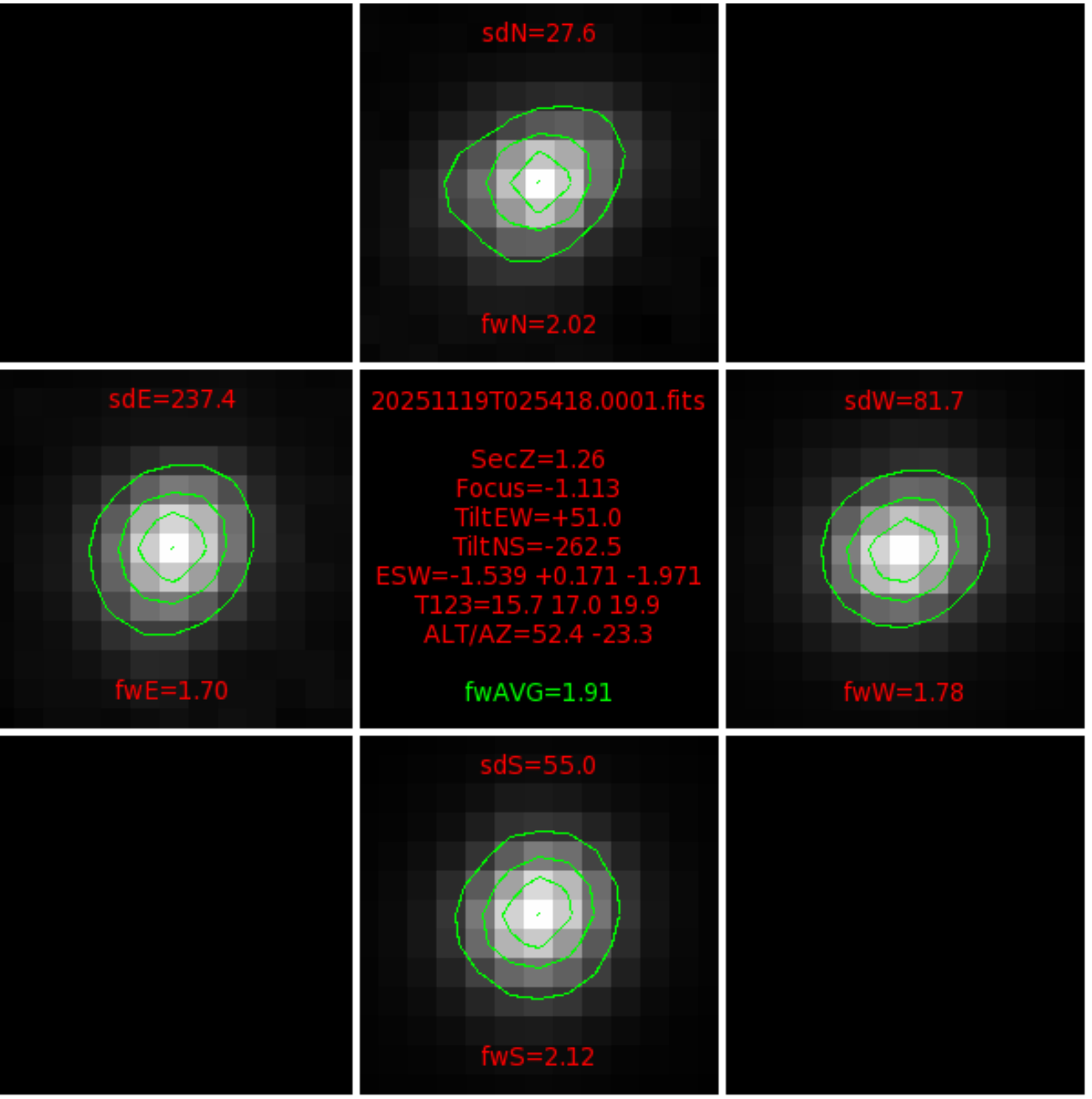

sdN=10.7
fwN=2.35
sdE=156.7
fwE=1.90
20251119T025050.0001.fits
SecZ=1.04
Focus=-1.120
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.546 +0.164 -1.978
T123=15.7 17.0 20.0
ALT/AZ=74.4 -58.1
fwAVG=2.11
sdW=37.9
fwW=2.09
sdS=26.0
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=23.6
fwN=2.16
sdE=249.8
fwE=1.73
20251119T025217.0001.fits
SecZ=1.04
Focus=-1.120
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.546 +0.164 -1.978
T123=15.7 17.0 20.0
ALT/AZ=74.1 -58.5
fwAVG=1.98
sdW=54.0
fwW=1.98
sdS=51.9
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=36.7
fwN=1.98
sdE=283.7
fwE=1.65
20251119T025244.0001.fits
SecZ=1.04
Focus=-1.120
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.546 +0.164 -1.978
T123=15.7 17.0 19.9
ALT/AZ=74.0 -58.6
fwAVG=1.80
sdW=71.5
fwW=1.75
sdS=76.6
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=27.6
fwN=2.02
sdE=237.4
fwE=1.70
20251119T025418.0001.fits
SecZ=1.26
Focus=-1.113
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.539 +0.171 -1.971
T123=15.7 17.0 19.9
ALT/AZ=52.4 -23.3
fwAVG=1.91
sdW=81.7
fwW=1.78
sdS=55.0
fwS=2.12
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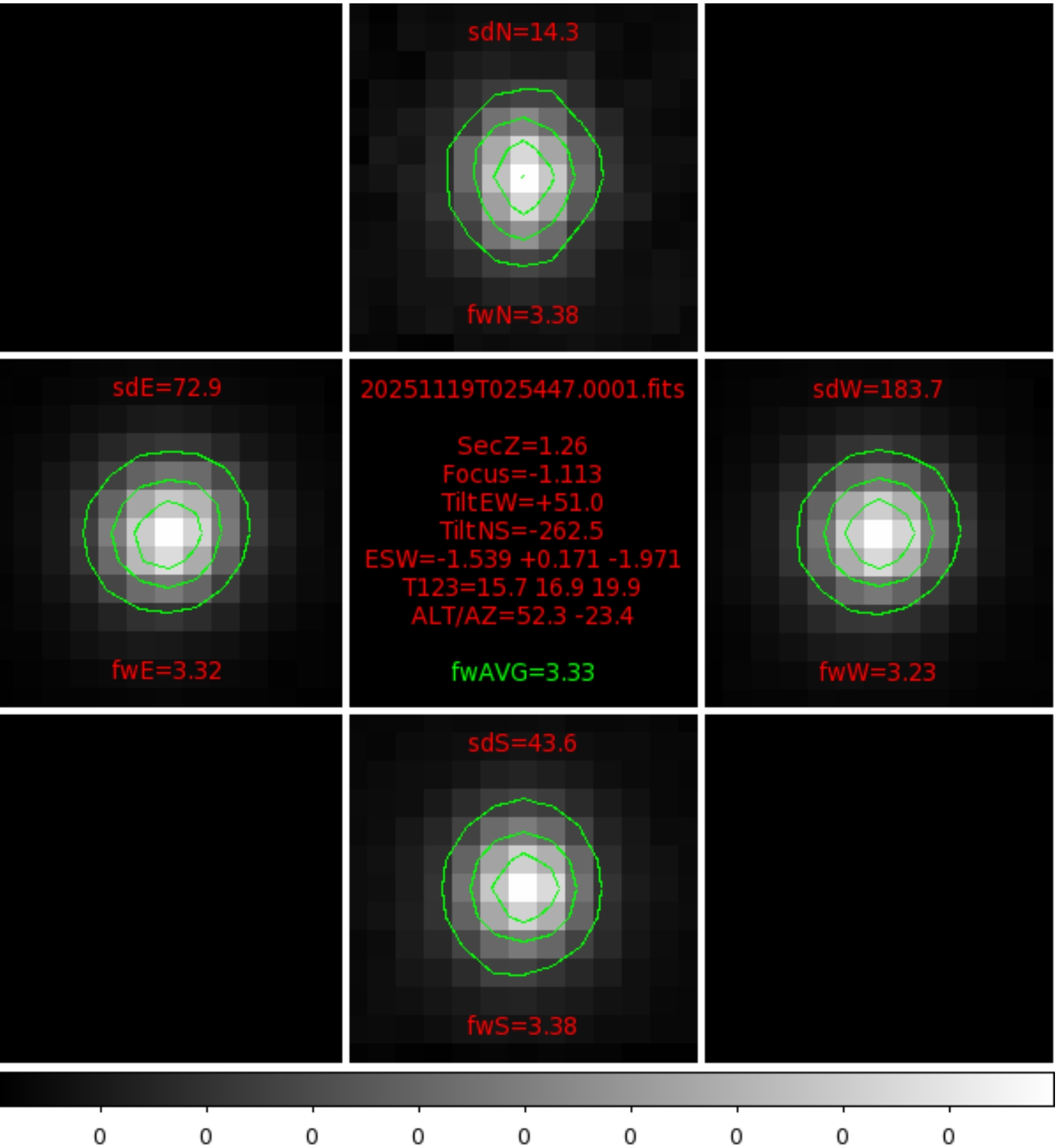
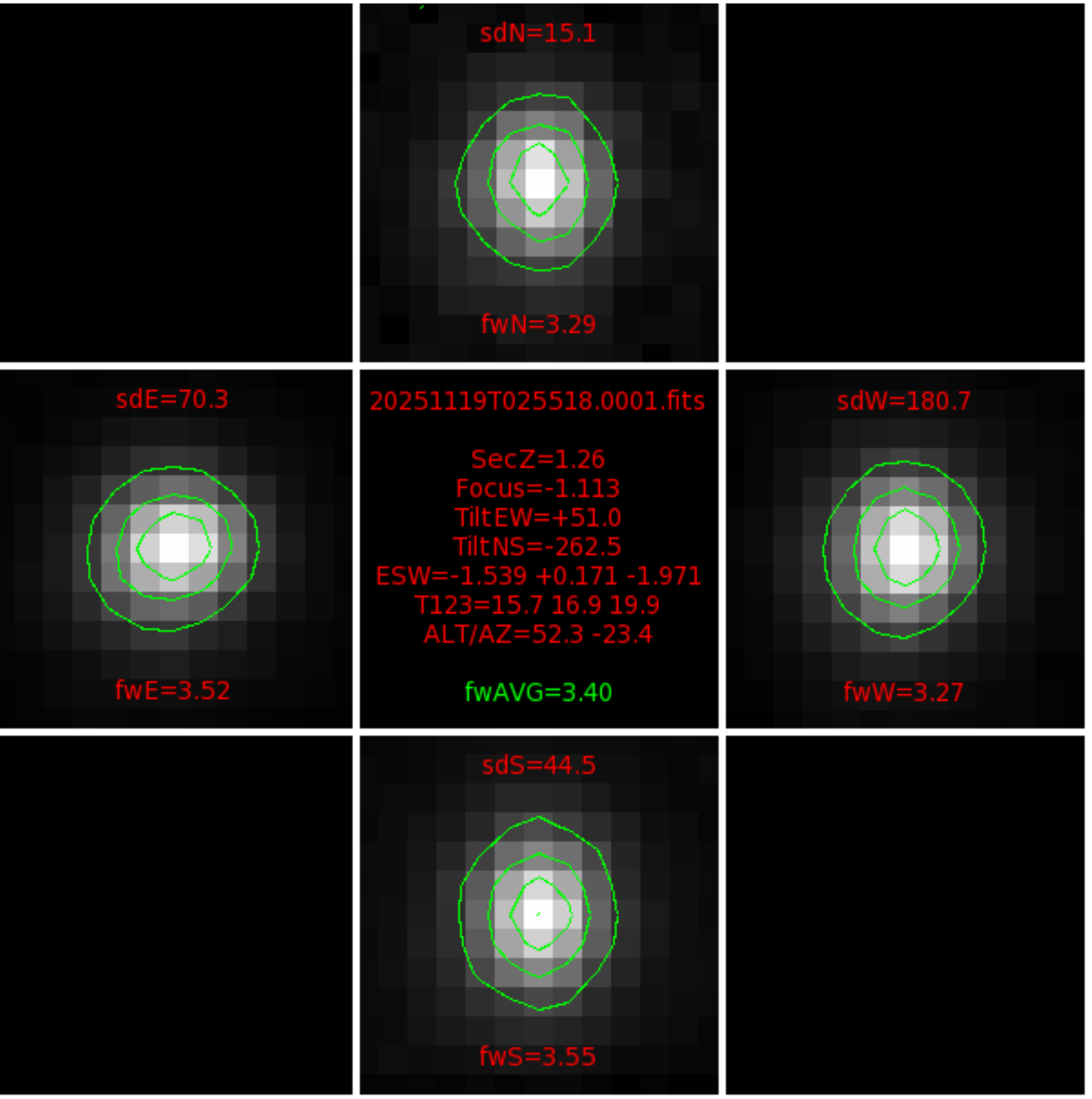

sdN=14.3
fwN=3.38
sdE=72.9
fwE=3.32
20251119T025447.0001.fits
SecZ=1.26
Focus=-1.113
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.539 +0.171 -1.971
T123=15.7 16.9 19.9
ALT/AZ=52.3 -23.4
fwAVG=3.33
sdW=183.7
fwW=3.23
sdS=43.6
fwS=3.38
0 0 0 0 0 0 0 0 0


sdN=15.1
fwN=3.29
sdE=70.3
fwE=3.52
20251119T025518.0001.fits
SecZ=1.26
Focus=-1.113
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.539 +0.171 -1.971
T123=15.7 16.9 19.9
ALT/AZ=52.3 -23.4
fwAVG=3.40
sdW=180.7
fwW=3.27
sdS=44.5
fwS=3.55
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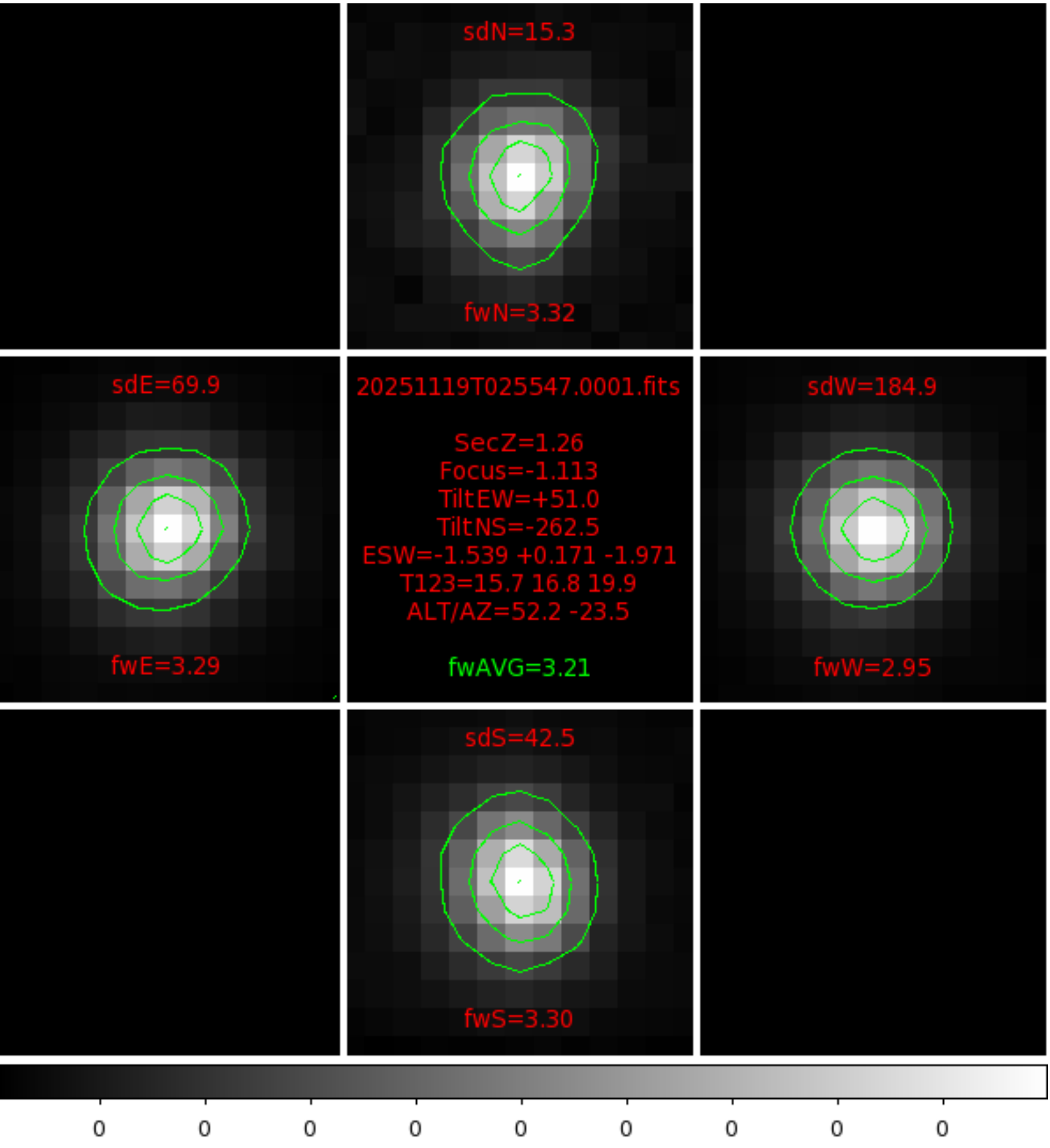
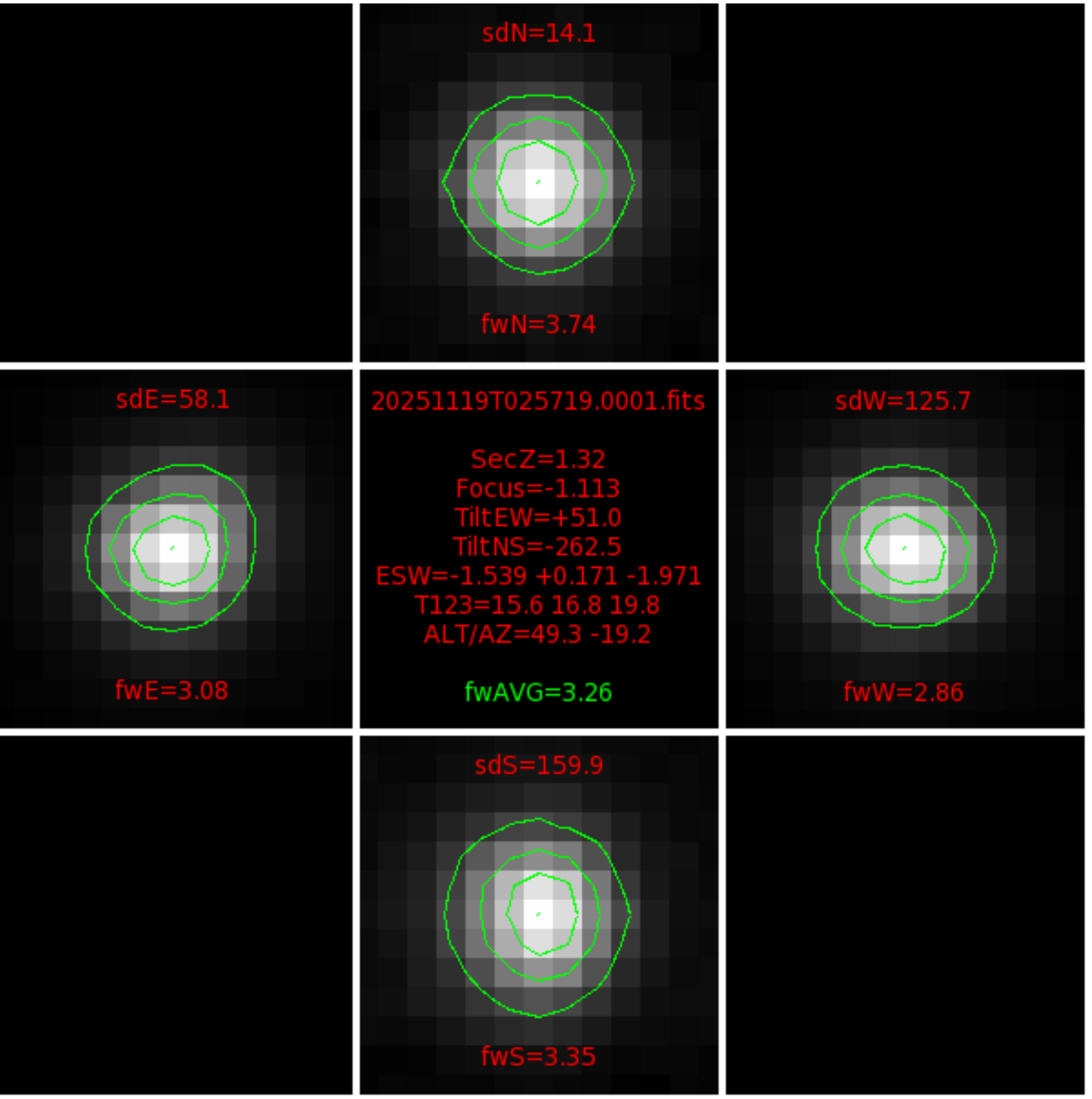

sdN=15.3
fwN=3.32
sdE=69.9
fwE=3.29
20251119T025547.0001.fits
SecZ=1.26
Focus=-1.113
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.539 +0.171 -1.971
T123=15.7 16.8 19.9
ALT/AZ=52.2 -23.5
fwAVG=3.21
sdW=184.9
fwW=2.95
sdS=42.5
fwS=3.30
0 0 0 0 0 0 0 0 0


sdN=14.1
fwN=3.74
sdE=58.1
fwE=3.08
20251119T025719.0001.fits
SecZ=1.32
Focus=-1.113
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.539 +0.171 -1.971
T123=15.6 16.8 19.8
ALT/AZ=49.3 -19.2
fwAVG=3.26
sdW=125.7
fwW=2.86
sdS=159.9
fwS=3.35
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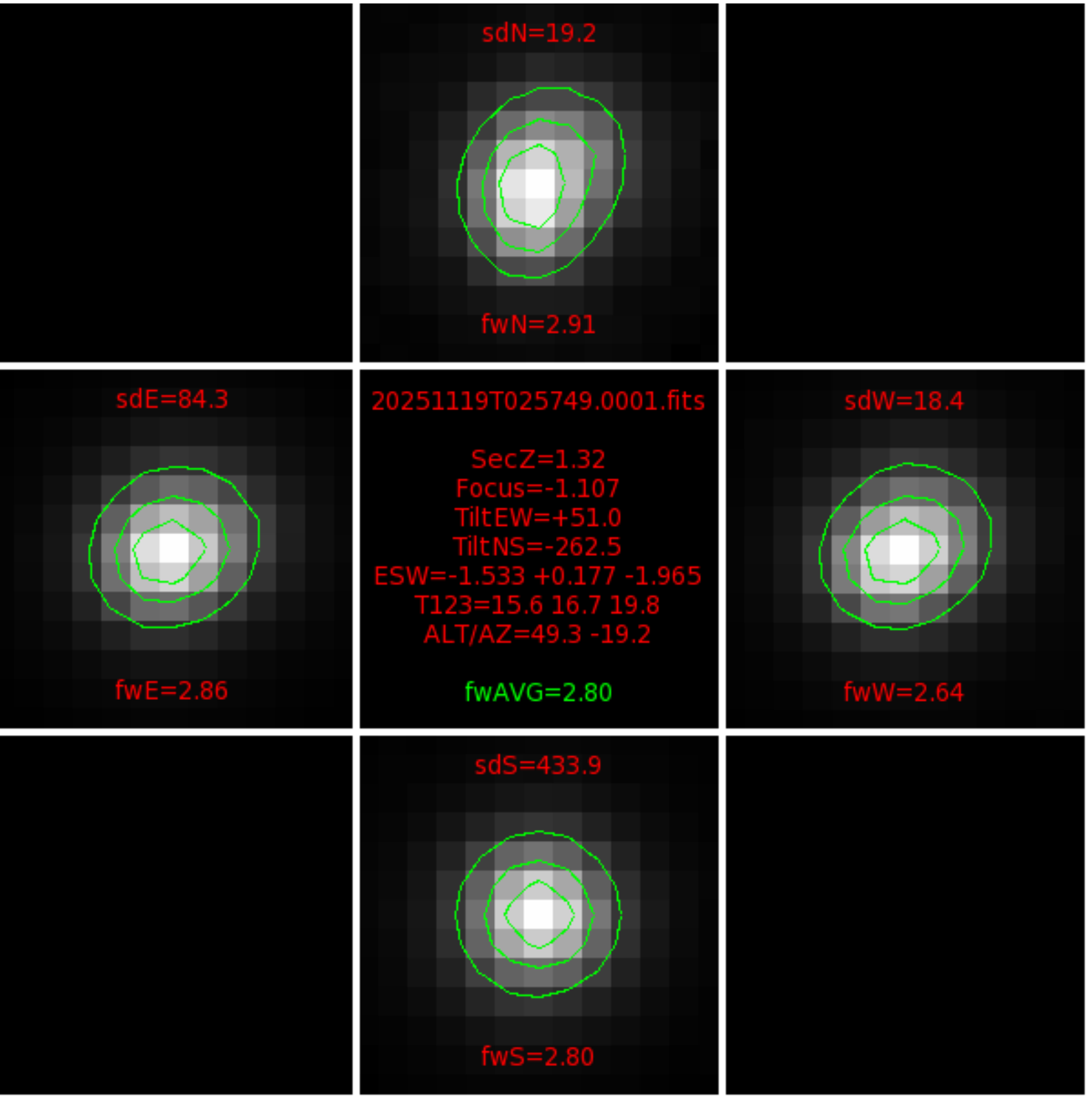
sdN=19.2
fwN=2.91
sdE=84.3
fwE=2.86
20251119T025749.0001.fits
SecZ=1.32
Focus=-1.107
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.533 +0.177 -1.965
T123=15.6 16.7 19.8
ALT/AZ=49.3 -19.2
fwAVG=2.80
sdW=18.4
fwW=2.64
sdS=433.9
fwS=2.80
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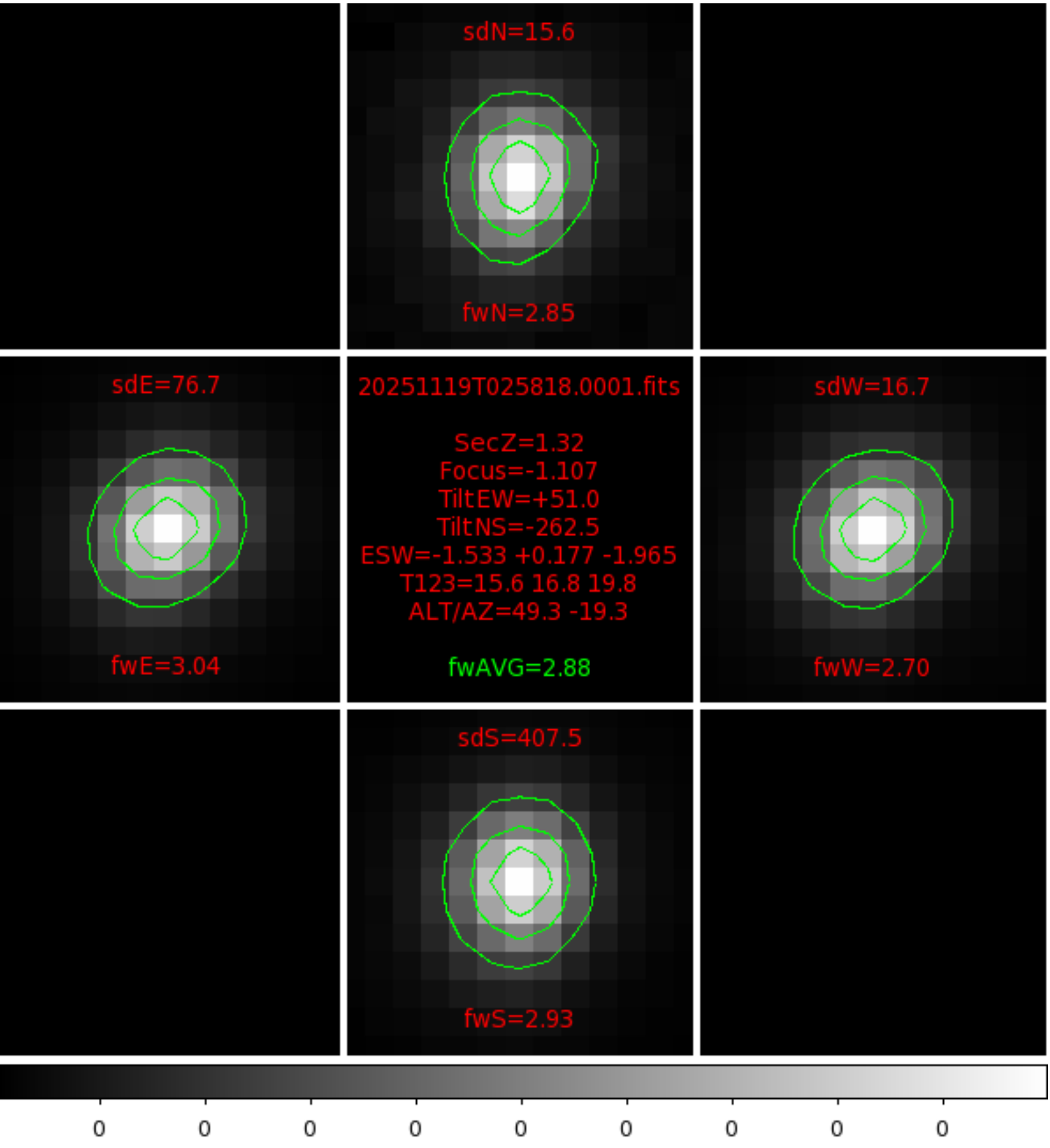
sdN=15.6
fwN=2.85
sdE=76.7
fwE=3.04
20251119T025818.0001.fits
SecZ=1.32
Focus=-1.107
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.533 +0.177 -1.965
T123=15.6 16.8 19.8
ALT/AZ=49.3 -19.3
fwAVG=2.88
sdW=16.7
fwW=2.70
sdS=407.5
fwS=2.93
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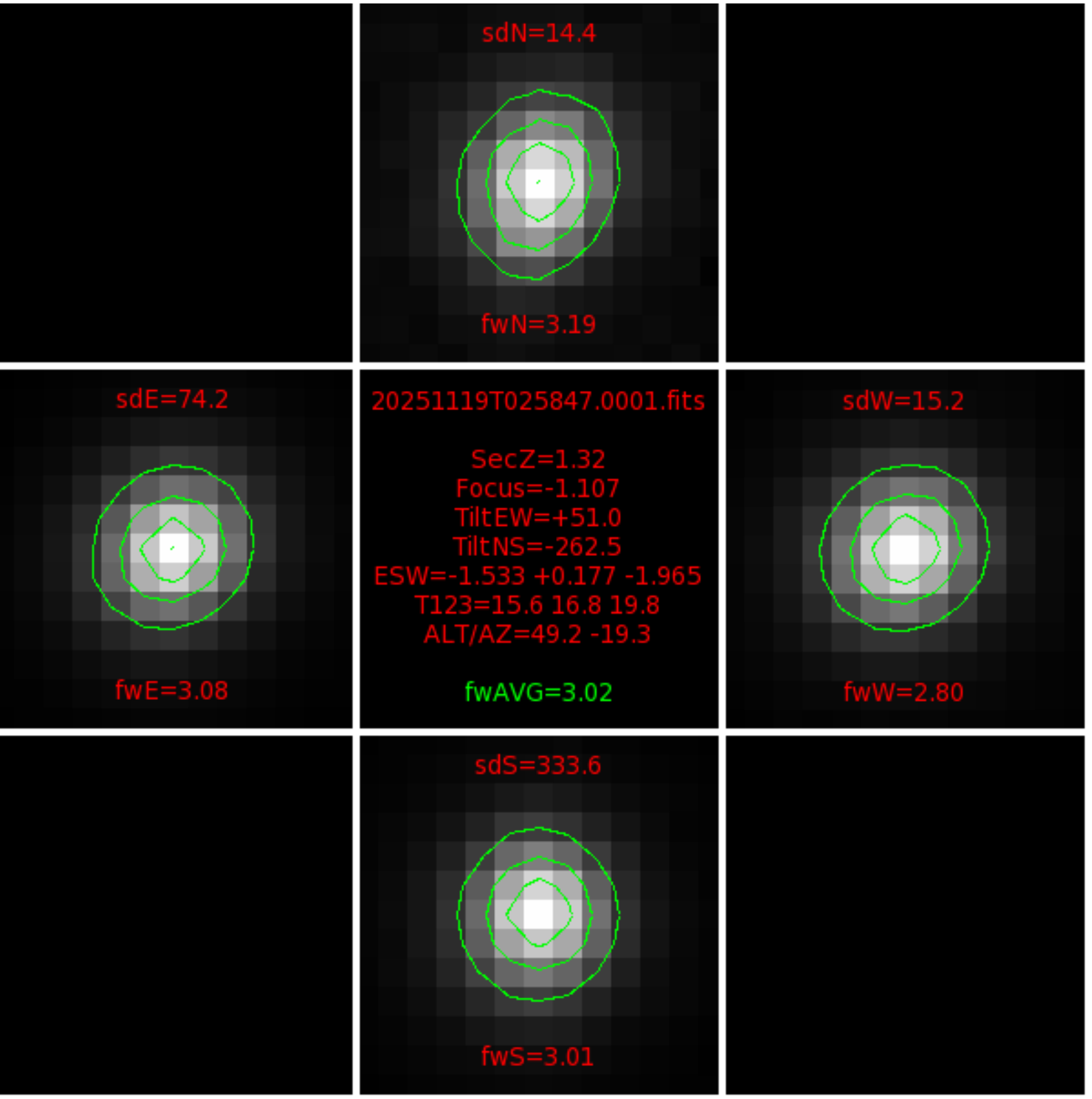
sdN=14.4
fwN=3.19
sdE=74.2
fwE=3.08
20251119T025847.0001.fits
SecZ=1.32
Focus=-1.107
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.533 +0.177 -1.965
T123=15.6 16.8 19.8
ALT/AZ=49.2 -19.3
fwAVG=3.02
sdW=15.2
fwW=2.80
sdS=333.6
fwS=3.01
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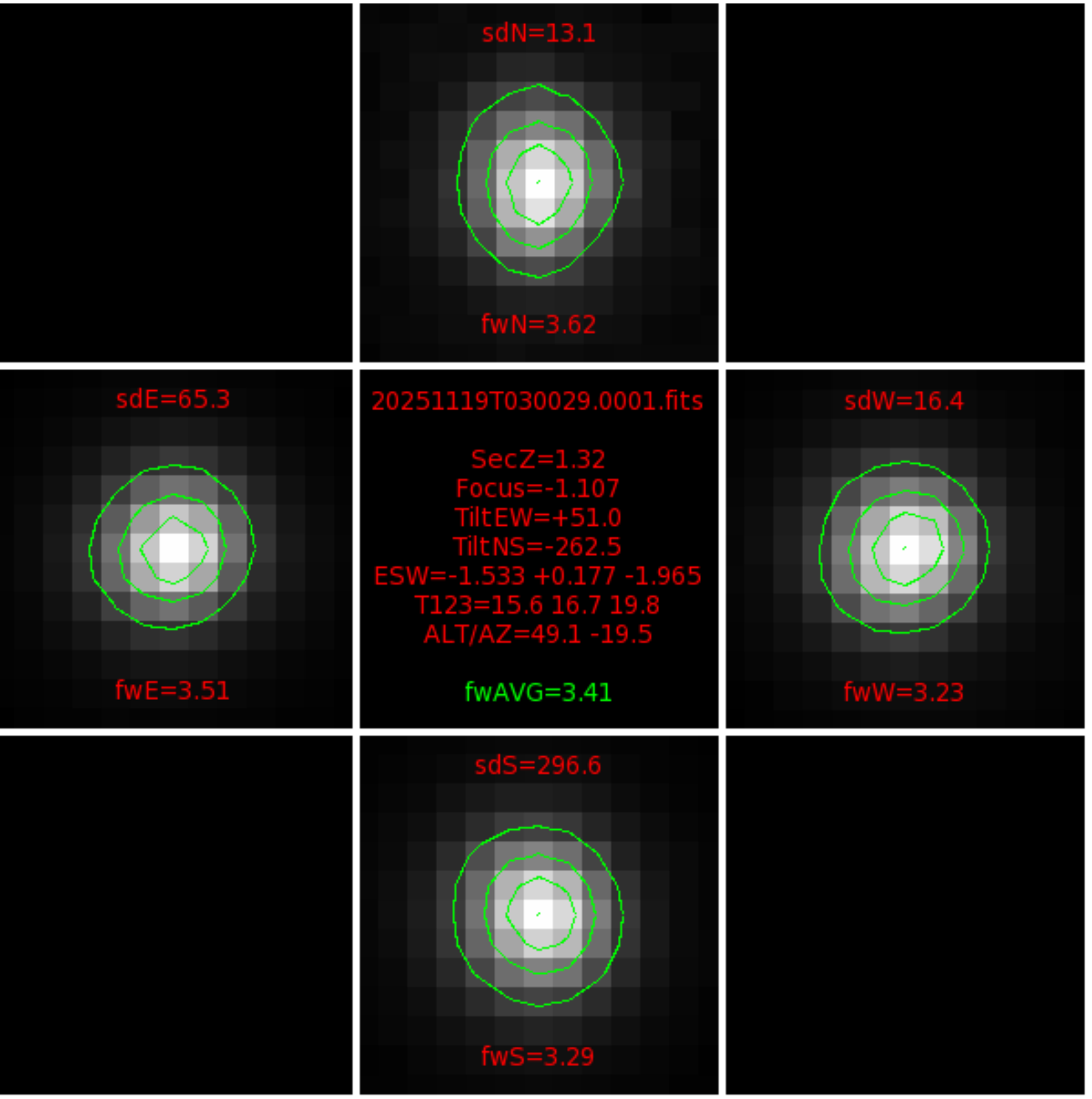
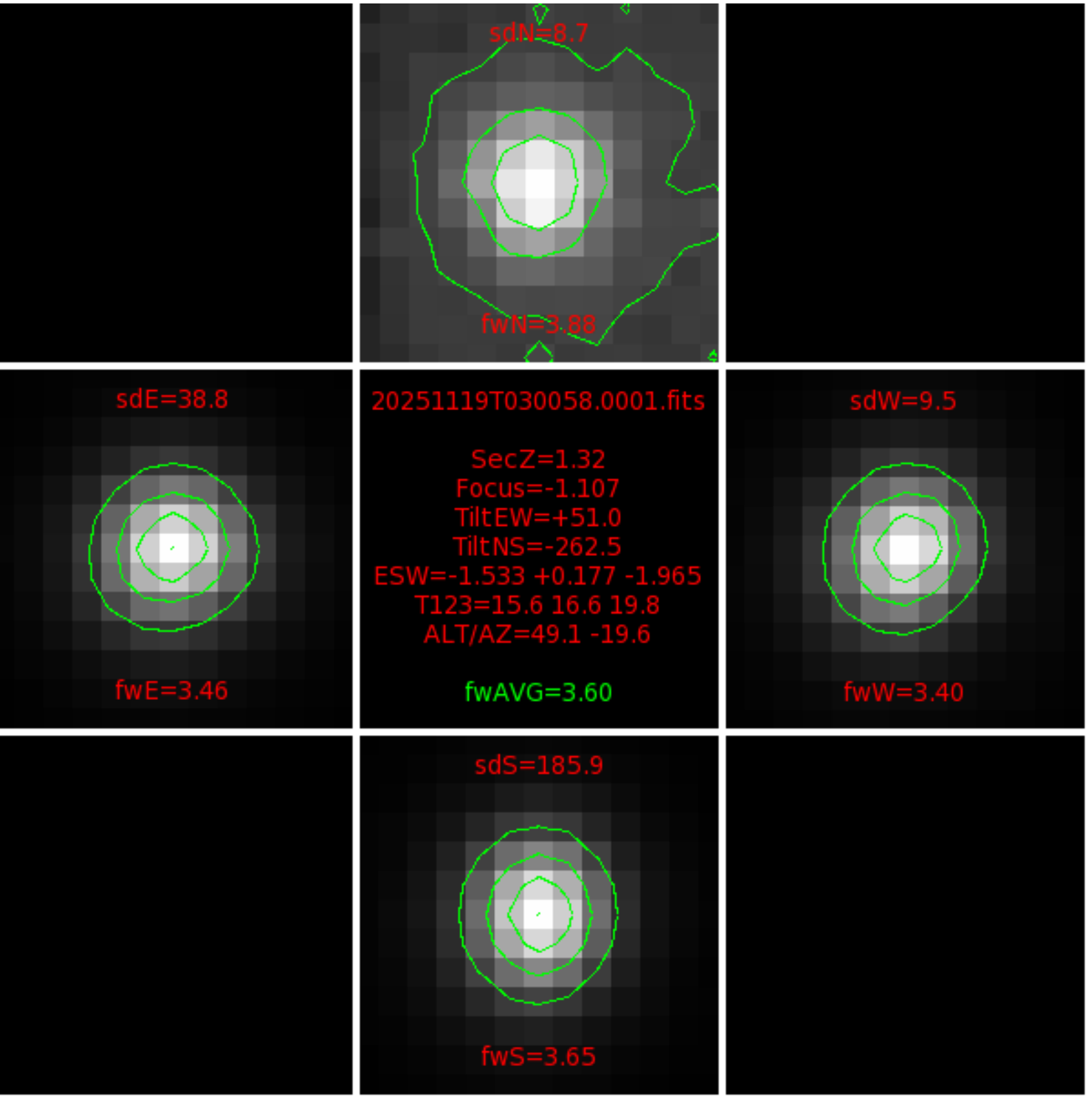

sdN=13.1
fwN=3.62
sdE=65.3
fwE=3.51
20251119T030029.0001.fits
SecZ=1.32
Focus=-1.107
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.533 +0.177 -1.965
T123=15.6 16.7 19.8
ALT/AZ=49.1 -19.5
fwAVG=3.41
sdW=16.4
fwW=3.23
sdS=296.6
fwS=3.29
0 0 0 0 0 0 0 0 0


sdN=8.7
fwN=3.88
sdE=38.8
fwE=3.46
20251119T030058.0001.fits
SecZ=1.32
Focus=-1.107
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.533 +0.177 -1.965
T123=15.6 16.6 19.8
ALT/AZ=49.1 -19.6
fwAVG=3.60
sdW=9.5
fwW=3.40
sdS=185.9
fwS=3.65
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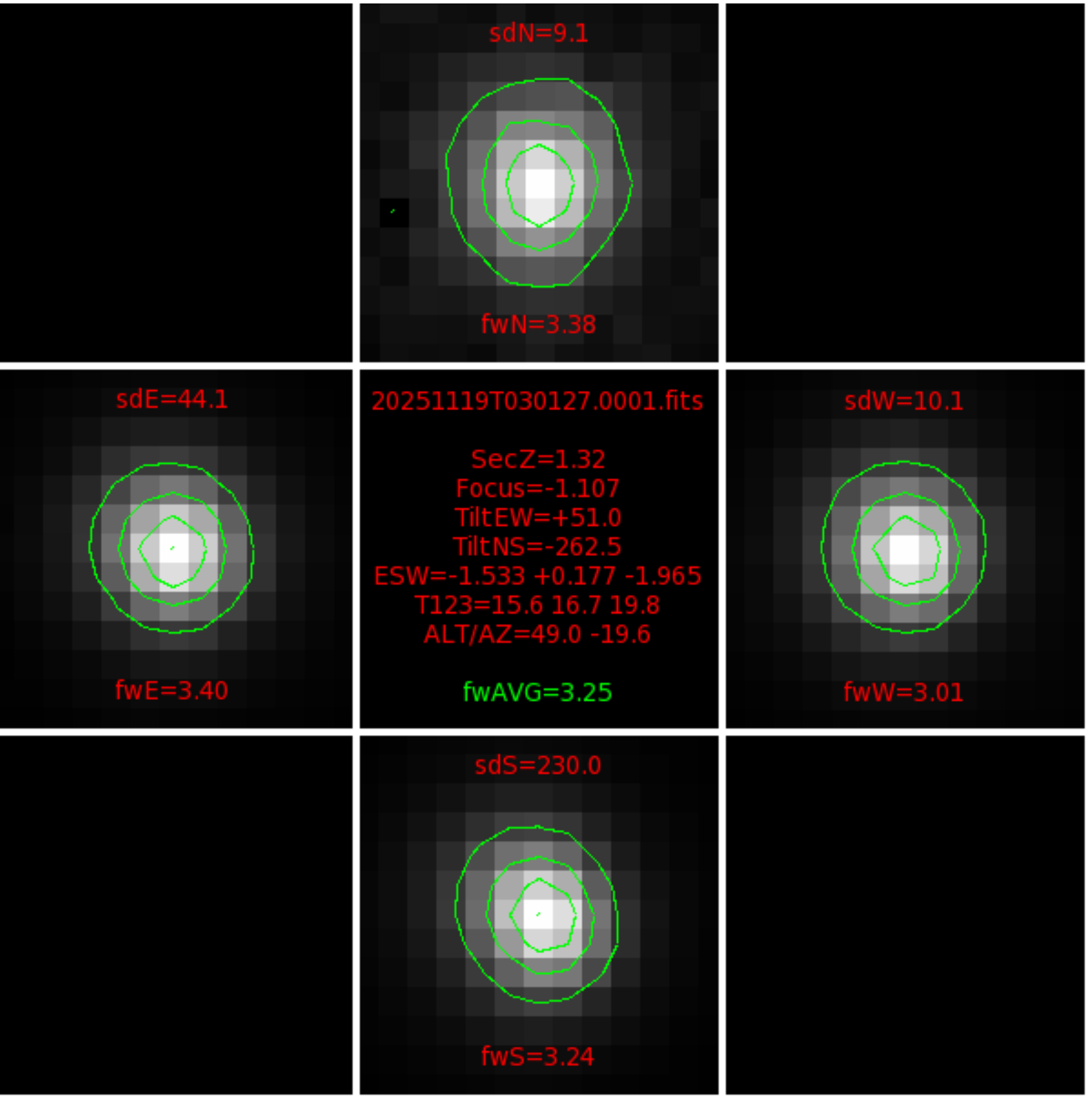
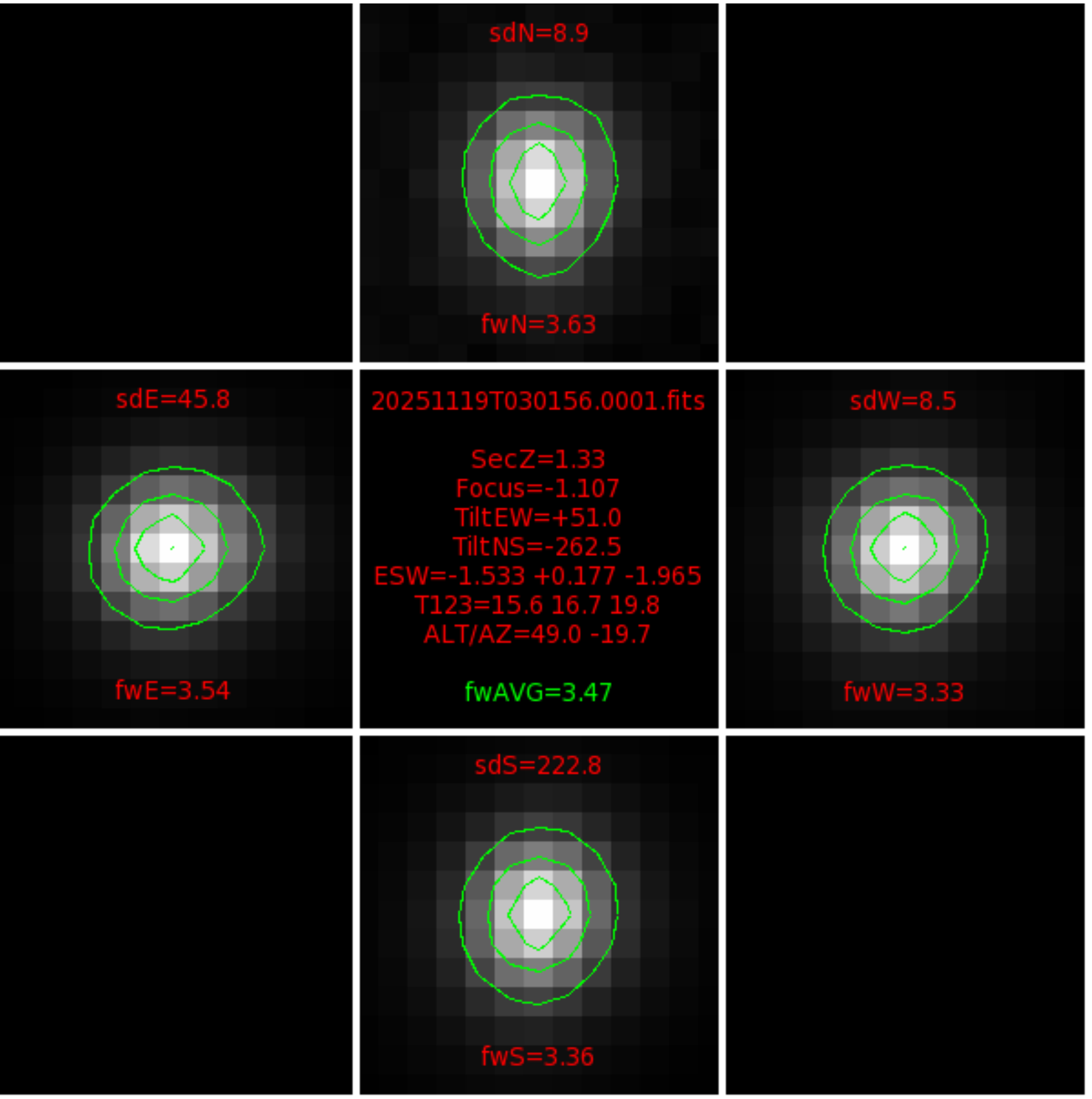

sdN=9.1
fwN=3.38
sdE=44.1
fwE=3.40
20251119T030127.0001.fits
SecZ=1.32
Focus=-1.107
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.533 +0.177 -1.965
T123=15.6 16.7 19.8
ALT/AZ=49.0 -19.6
fwAVG=3.25
sdW=10.1
fwW=3.01
sdS=230.0
fwS=3.24
0 0 0 0 0 0 0 0 0


sdN=8.9
fwN=3.63
sdE=45.8
fwE=3.54
20251119T030156.0001.fits
SecZ=1.33
Focus=-1.107
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.533 +0.177 -1.965
T123=15.6 16.7 19.8
ALT/AZ=49.0 -19.7
fwAVG=3.47
sdW=8.5
fwW=3.33
sdS=222.8
fwS=3.36
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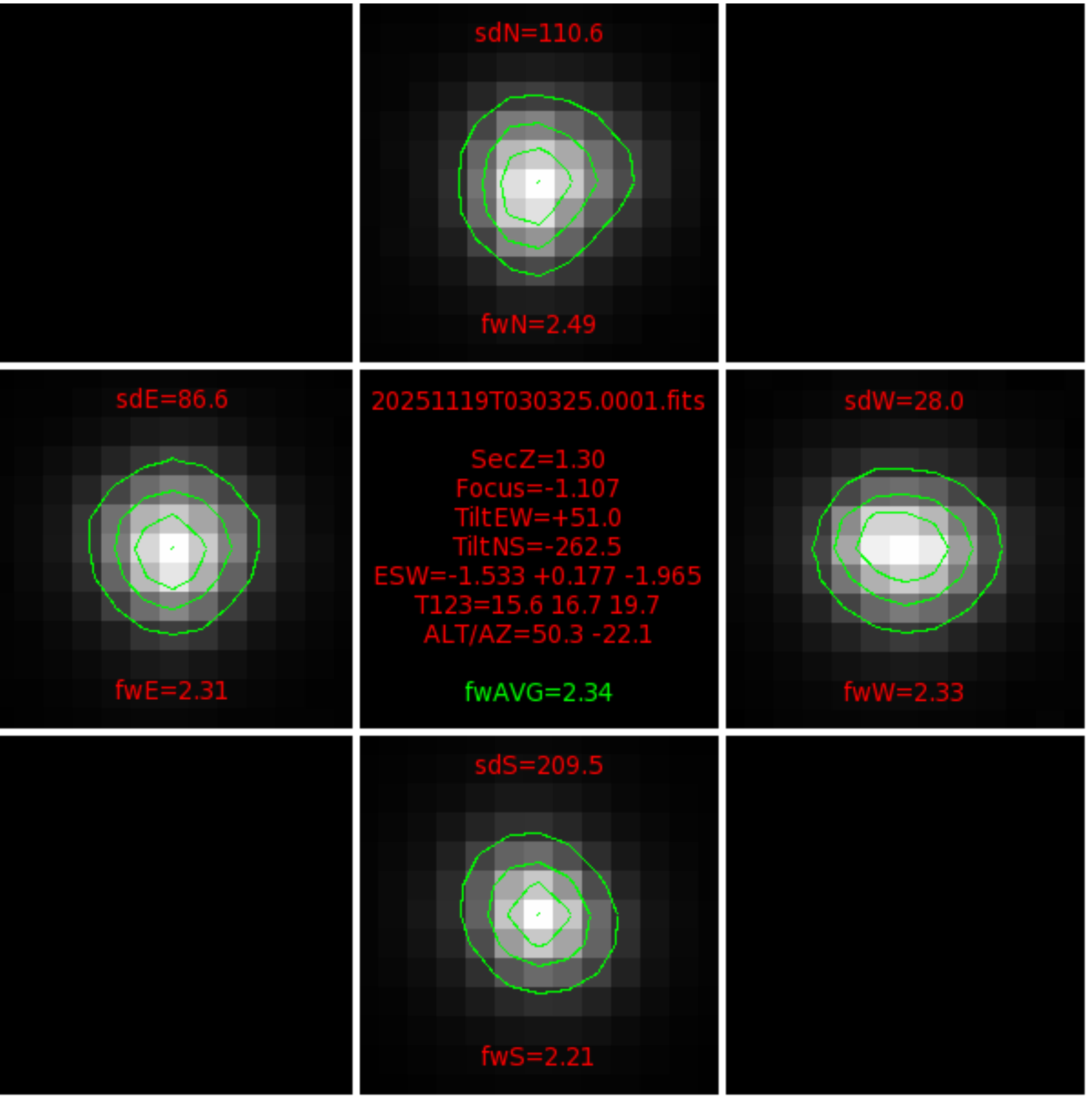
sdN=110.6
fwN=2.49
sdE=86.6
fwE=2.31
20251119T030325.0001.fits
SecZ=1.30
Focus=-1.107
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.533 +0.177 -1.965
T123=15.6 16.7 19.7
ALT/AZ=50.3 -22.1
fwAVG=2.34
sdW=28.0
fwW=2.33
sdS=209.5
fwS=2.21
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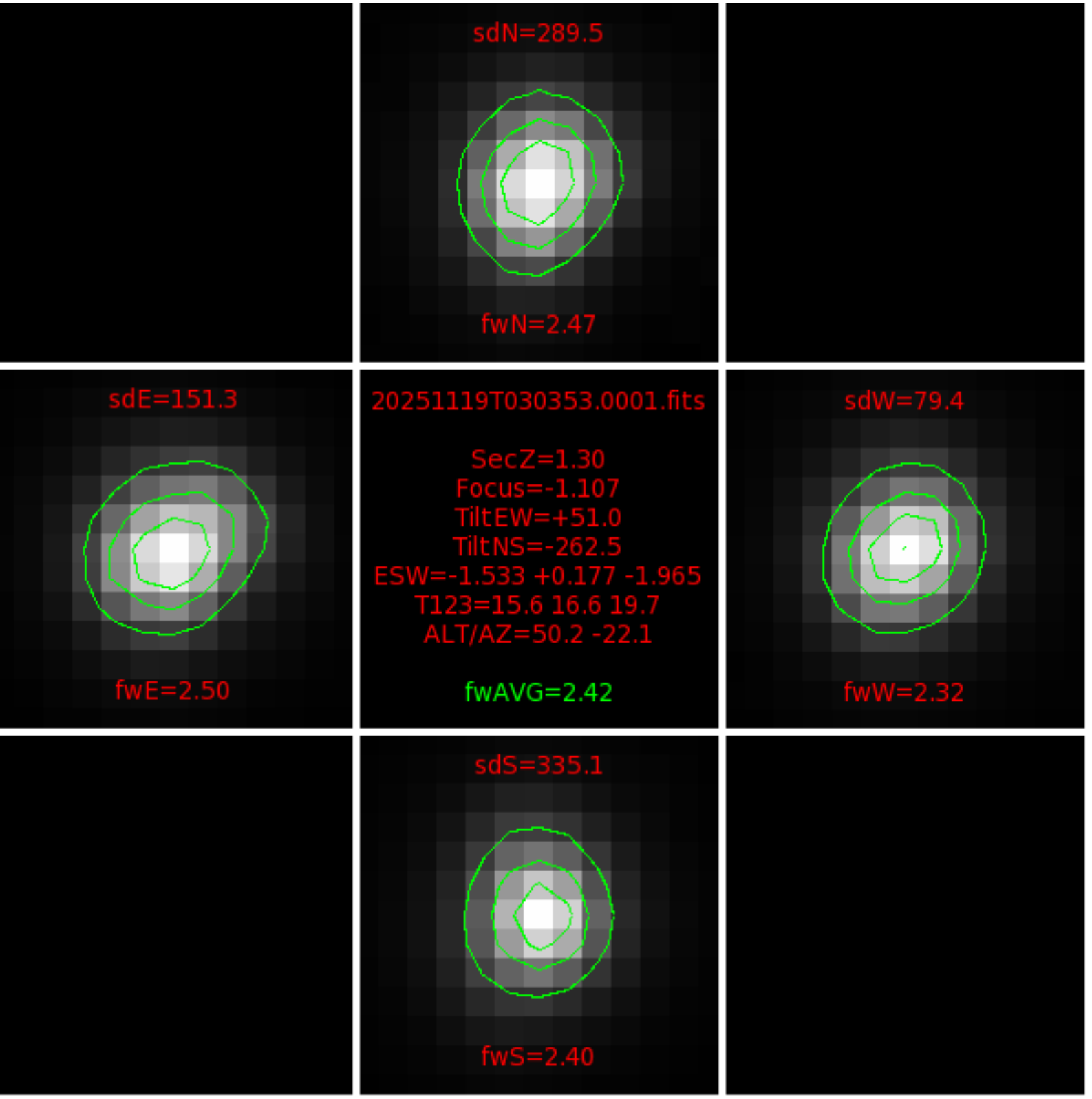
sdN=289.5
fwN=2.47
sdE=151.3
fwE=2.50
20251119T030353.0001.fits
SecZ=1.30
Focus=-1.107
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.533 +0.177 -1.965
T123=15.6 16.6 19.7
ALT/AZ=50.2 -22.1
fwAVG=2.42
sdW=79.4
fwW=2.32
sdS=335.1
fwS=2.40
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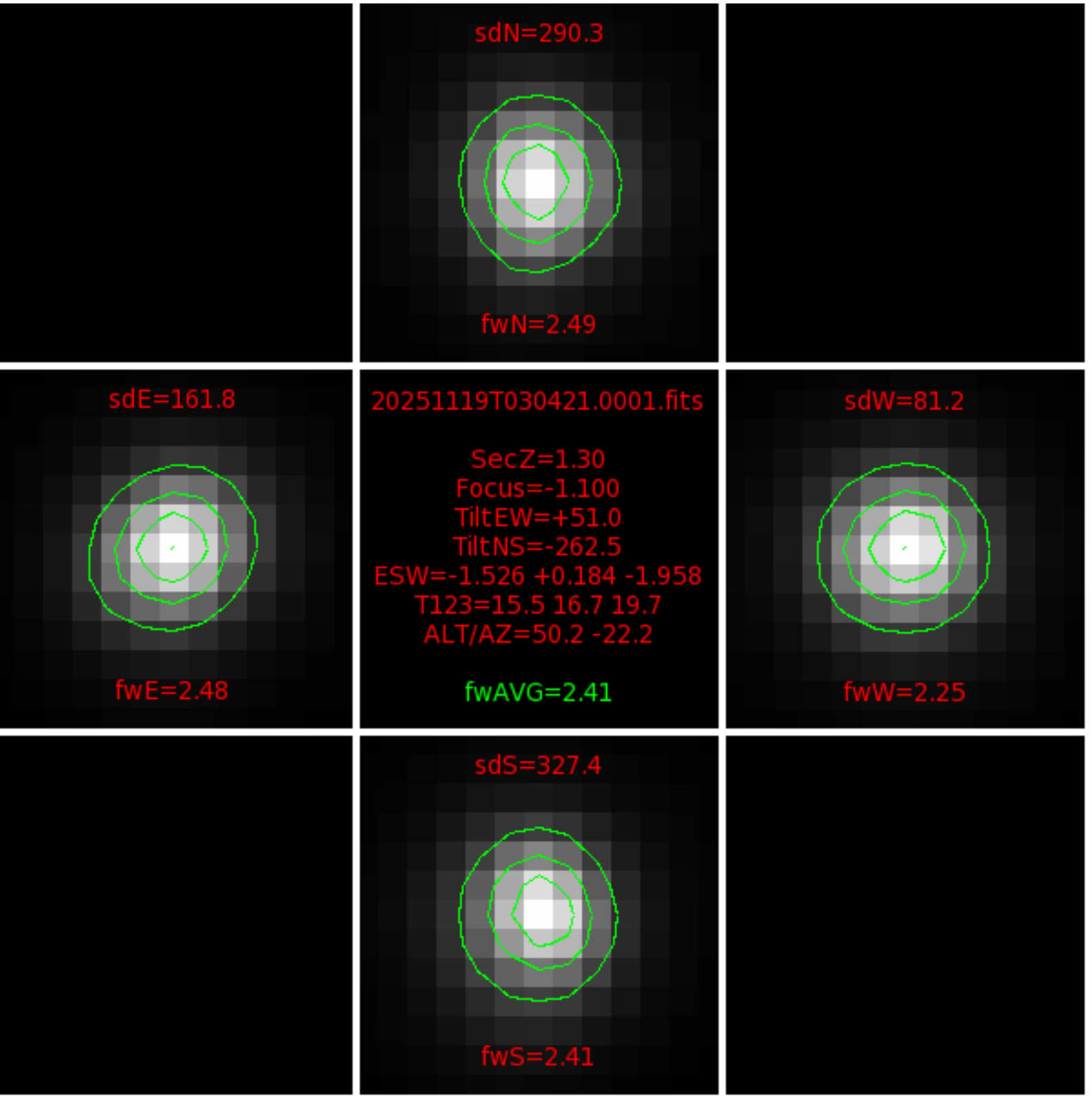
sdN=290.3
fwN=2.49
sdE=161.8
fwE=2.48
20251119T030421.0001.fits
SecZ=1.30
Focus=-1.100
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.526 +0.184 -1.958
T123=15.5 16.7 19.7
ALT/AZ=50.2 -22.2
fwAVG=2.41
sdW=81.2
fwW=2.25
sdS=327.4
fwS=2.41
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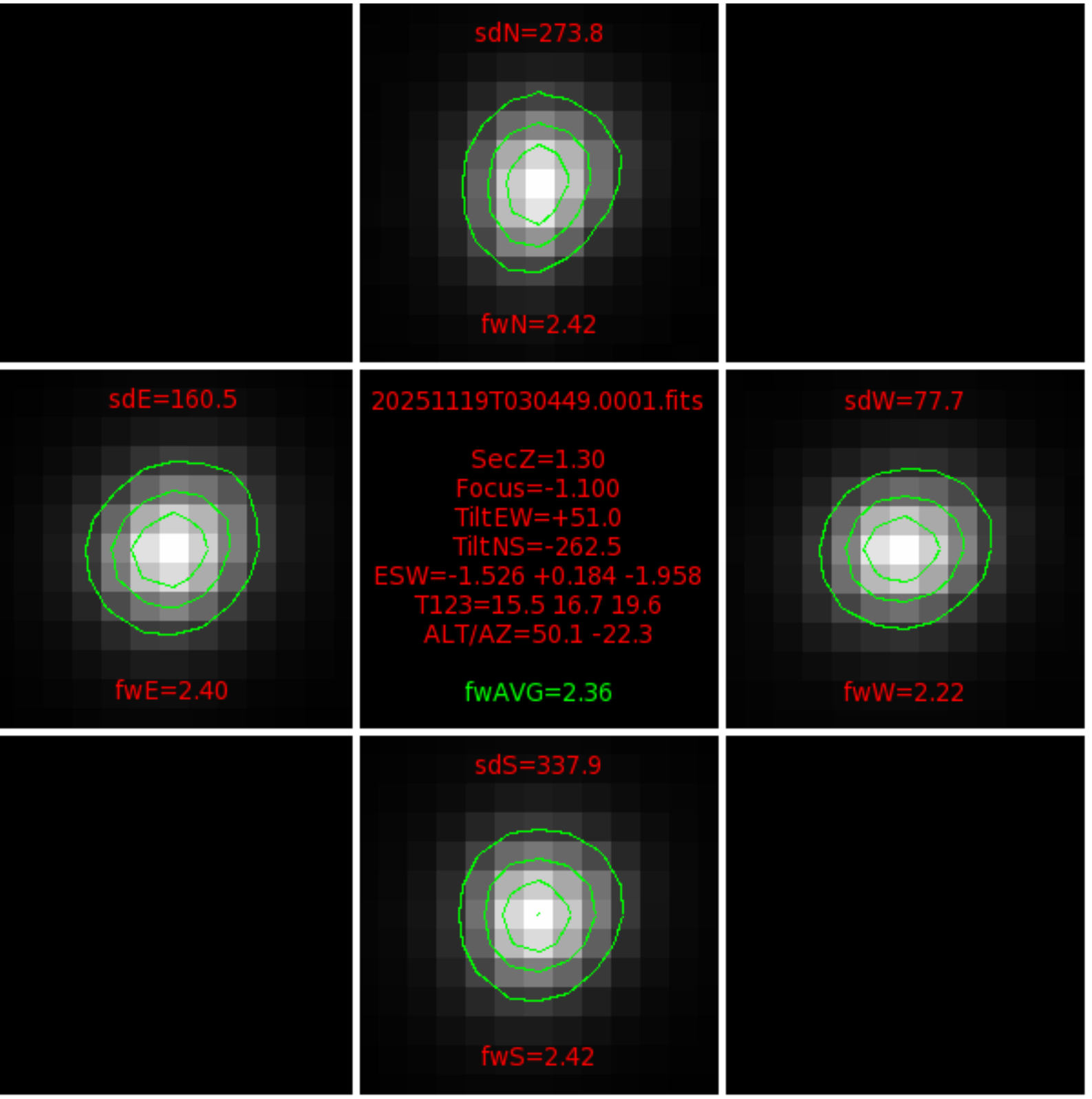
sdN=273.8
fwN=2.42
sdE=160.5
fwE=2.40
20251119T030449.0001.fits
SecZ=1.30
Focus=-1.100
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.526 +0.184 -1.958
T123=15.5 16.7 19.6
ALT/AZ=50.1 -22.3
fwAVG=2.36
sdW=77.7
fwW=2.22
sdS=337.9
fwS=2.42
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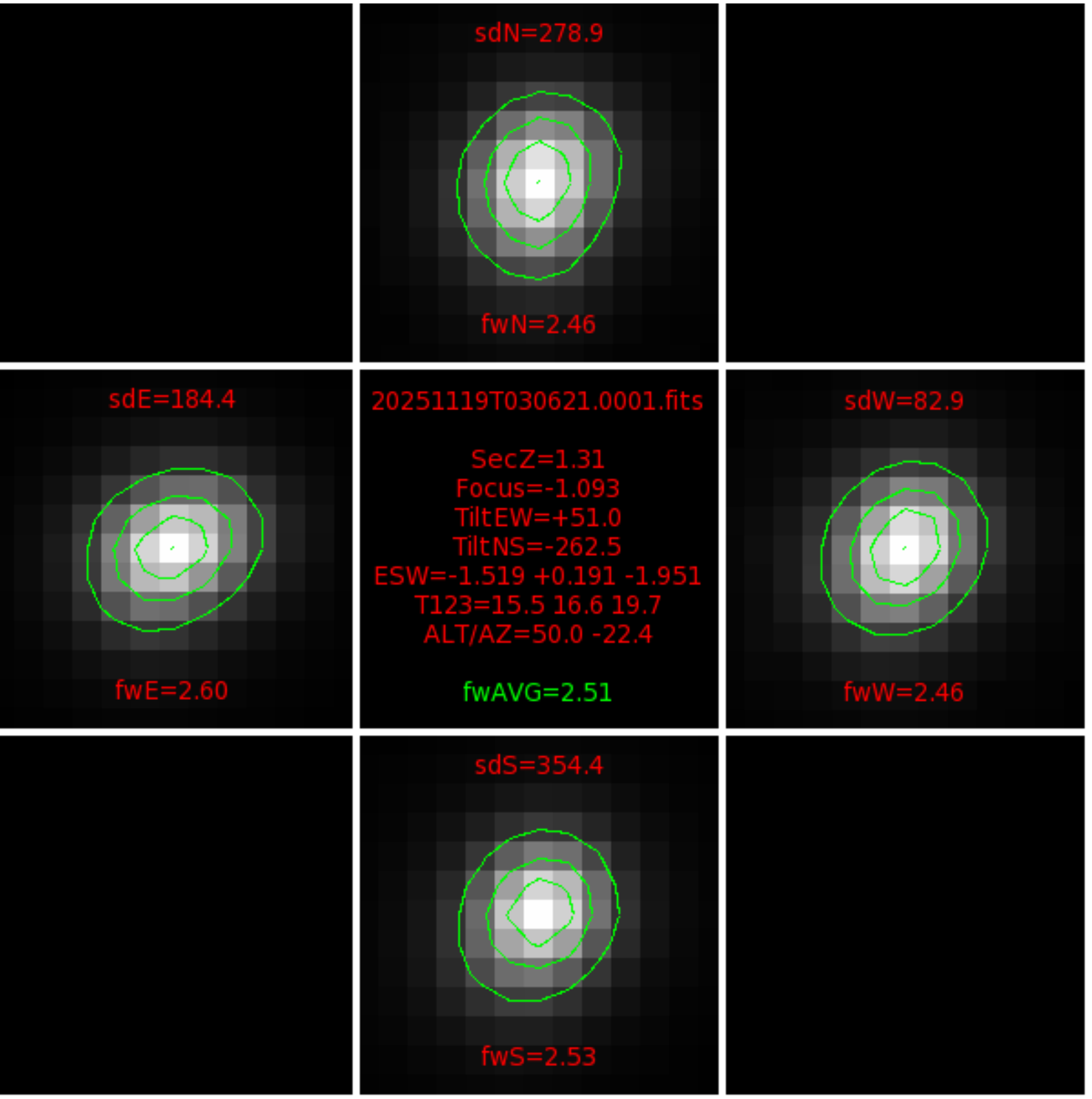
sdN=278.9
fwN=2.46
sdE=184.4
fwE=2.60
20251119T030621.0001.fits
SecZ=1.31
Focus=-1.093
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.519 +0.191 -1.951
T123=15.5 16.6 19.7
ALT/AZ=50.0 -22.4
fwAVG=2.51
sdW=82.9
fwW=2.46
sdS=354.4
fwS=2.53
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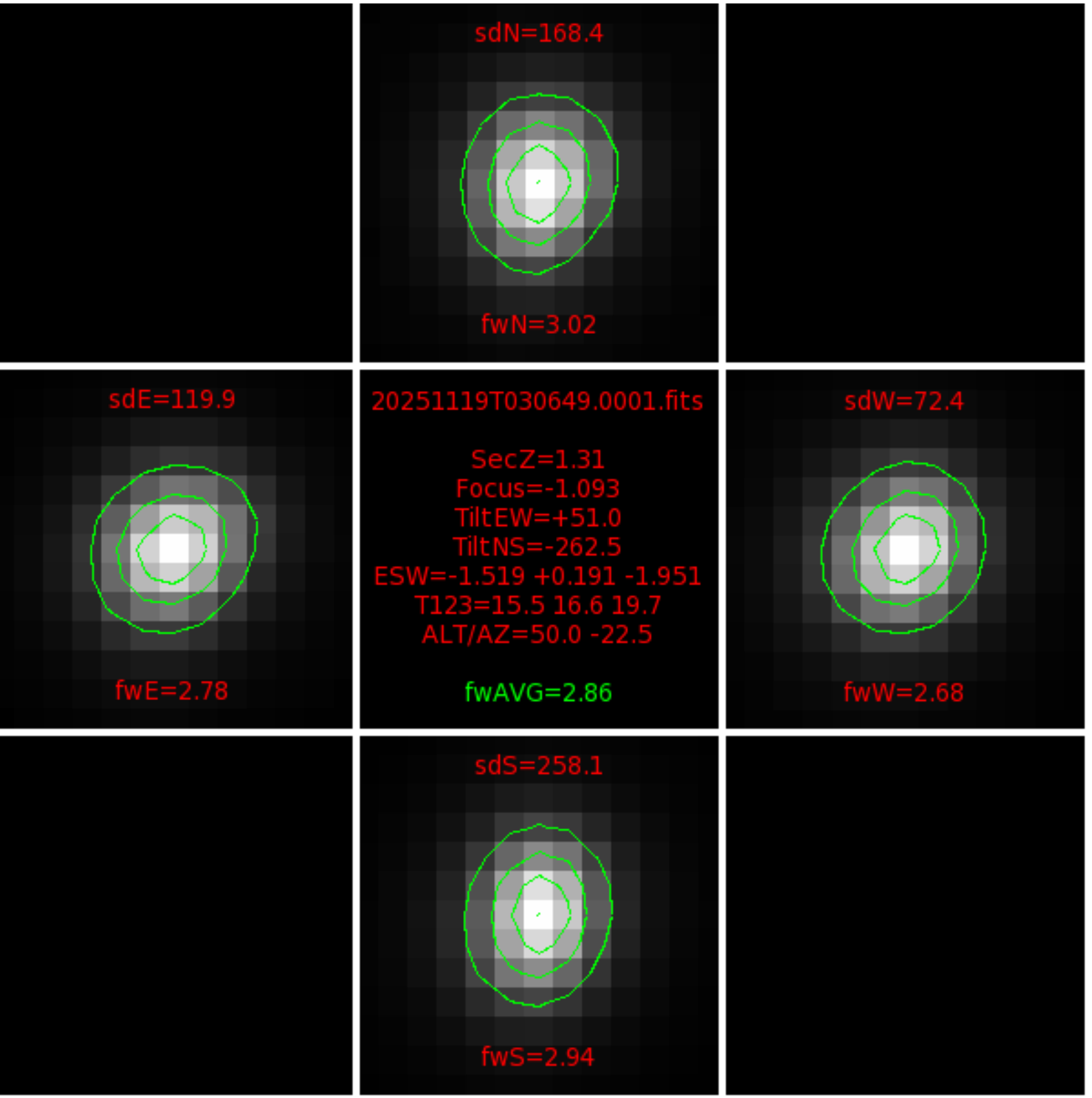
sdN=168.4
fwN=3.02
sdE=119.9
fwE=2.78
20251119T030649.0001.fits
SecZ=1.31
Focus=-1.093
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.519 +0.191 -1.951
T123=15.5 16.6 19.7
ALT/AZ=50.0 -22.5
fwAVG=2.86
sdW=72.4
fwW=2.68
sdS=258.1
fwS=2.94
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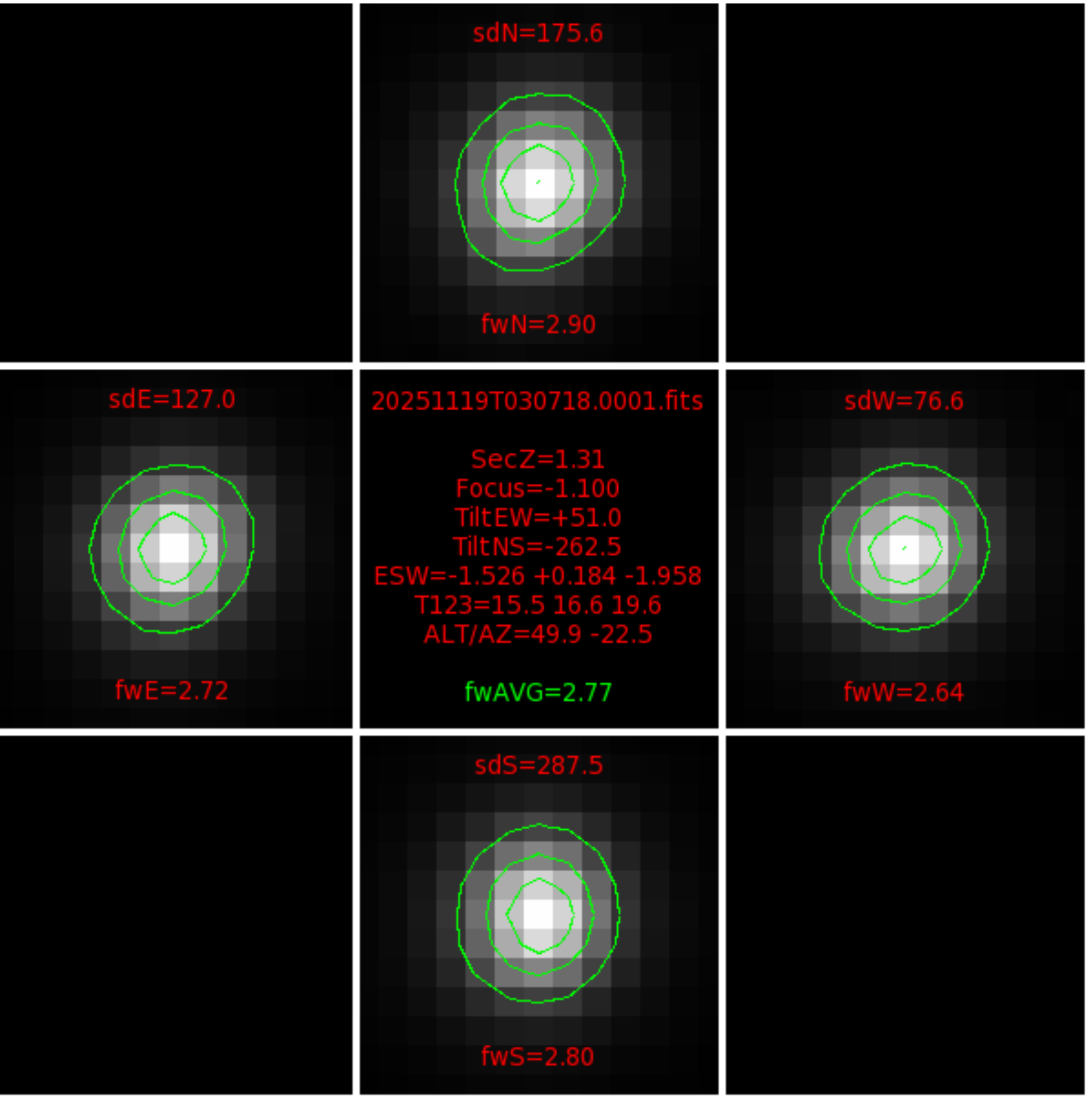
sdN=175.6
fwN=2.90
sdE=127.0
fwE=2.72
20251119T030718.0001.fits
SecZ=1.31
Focus=-1.100
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.526 +0.184 -1.958
T123=15.5 16.6 19.6
ALT/AZ=49.9 -22.5
fwAVG=2.77
sdW=76.6
fwW=2.64
sdS=287.5
fwS=2.80
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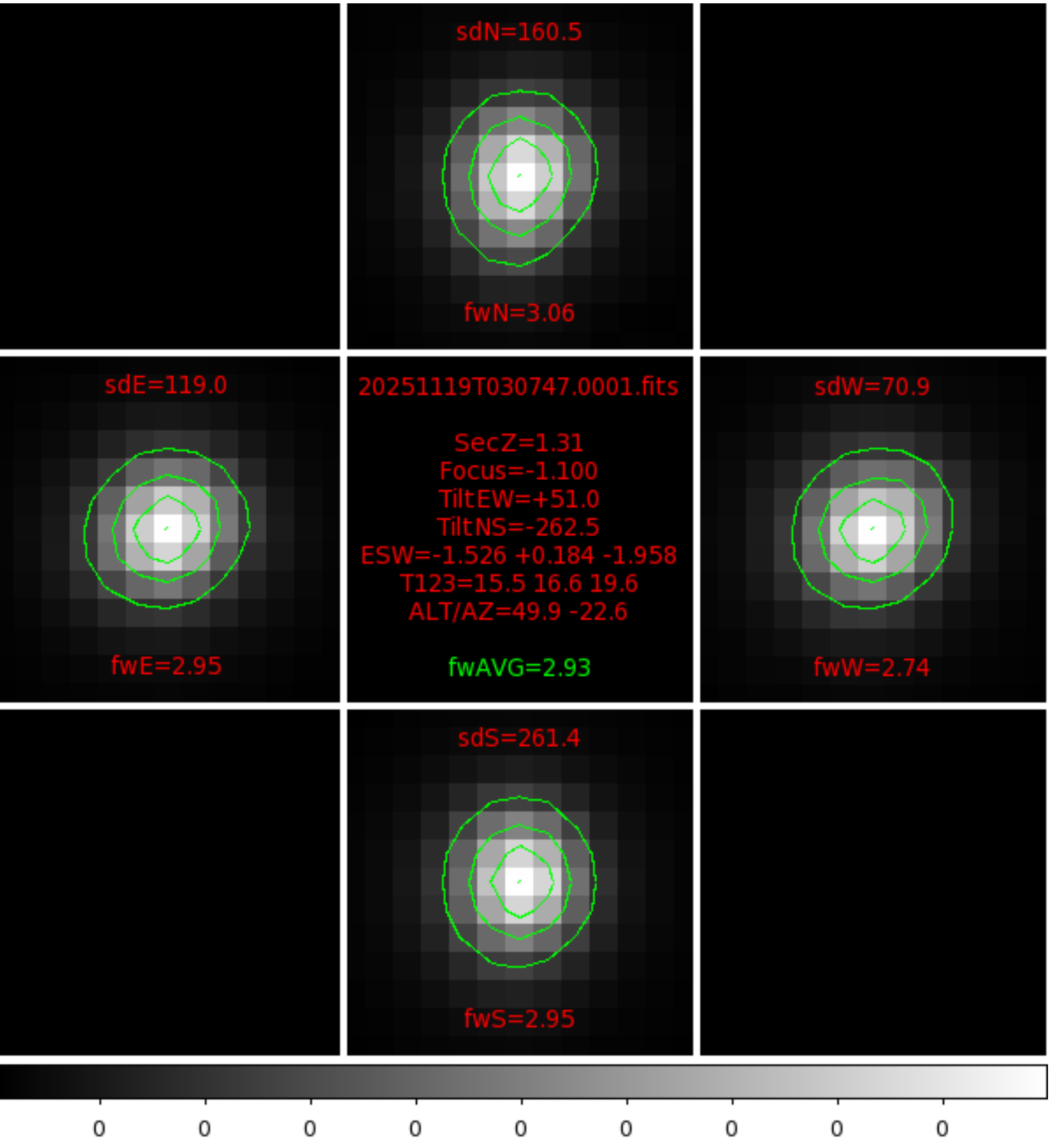
sdN=160.5
fwN=3.06
sdE=119.0
fwE=2.95
20251119T030747.0001.fits
SecZ=1.31
Focus=-1.100
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.526 +0.184 -1.958
T123=15.5 16.6 19.6
ALT/AZ=49.9 -22.6
fwAVG=2.93
sdW=70.9
fwW=2.74
sdS=261.4
fwS=2.95
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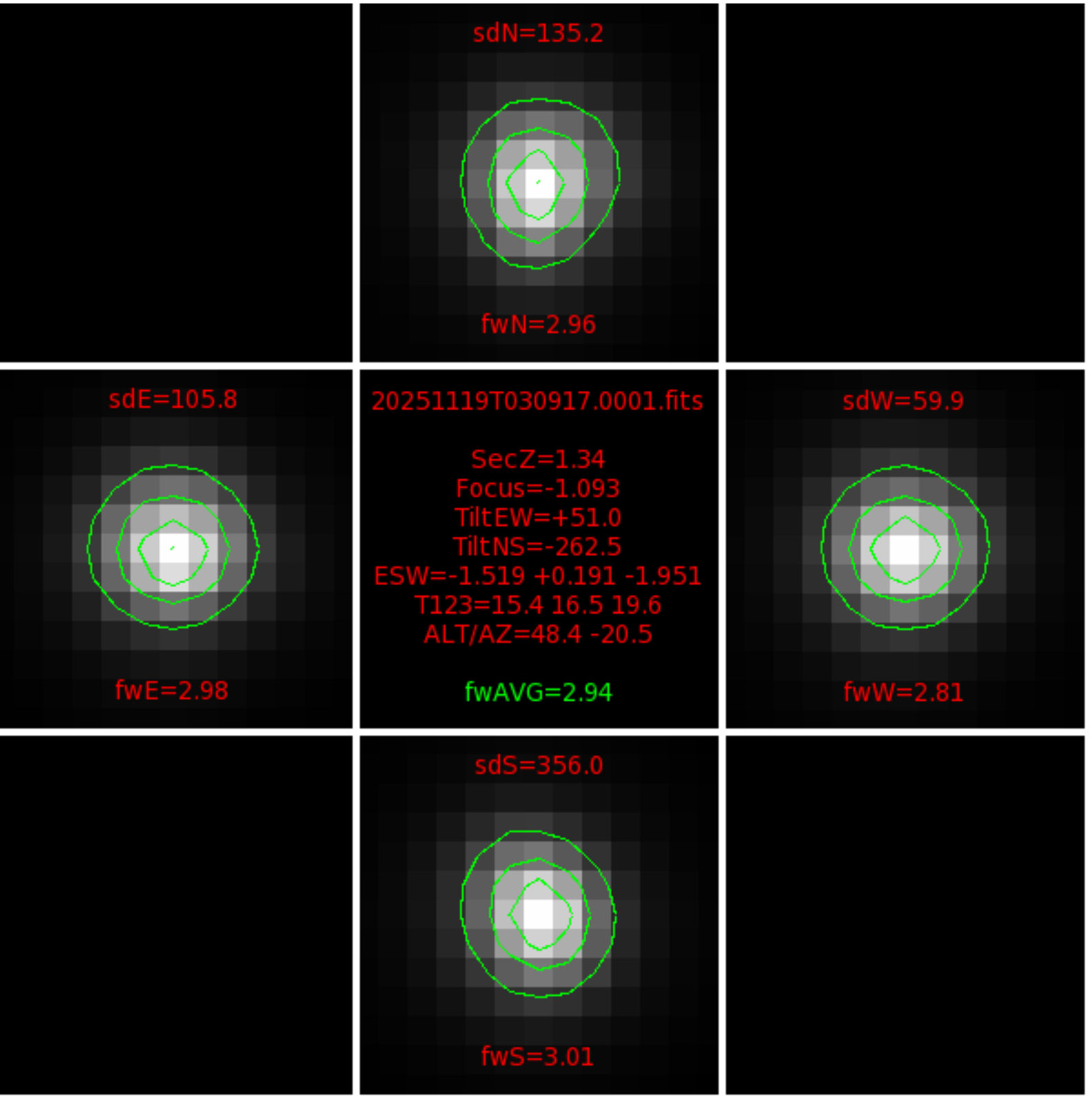
sdN=135.2
fwN=2.96
sdE=105.8
fwE=2.98
20251119T030917.0001.fits
SecZ=1.34
Focus=-1.093
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.519 +0.191 -1.951
T123=15.4 16.5 19.6
ALT/AZ=48.4 -20.5
fwAVG=2.94
sdW=59.9
fwW=2.81
sdS=356.0
fwS=3.01
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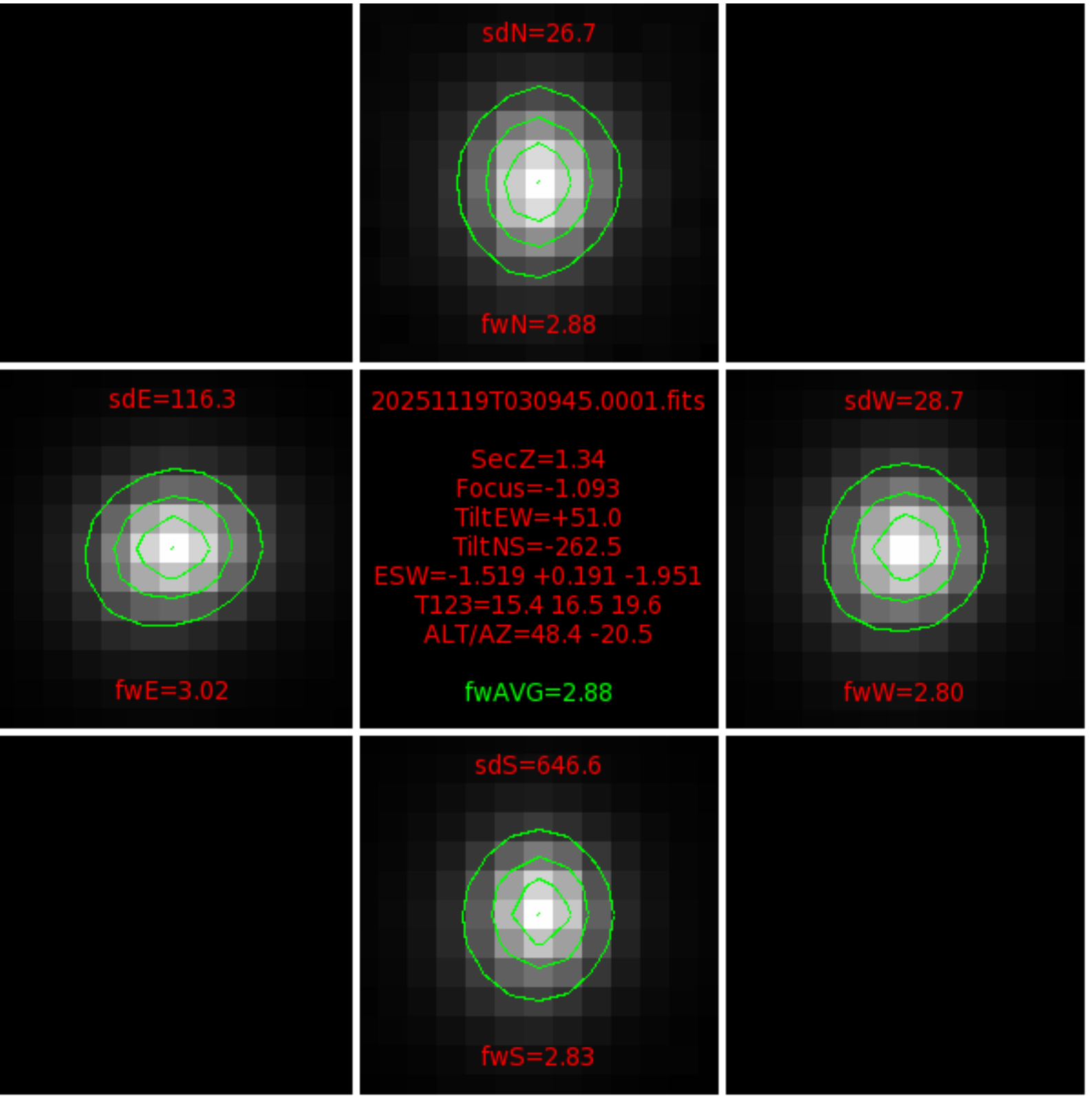
sdN=26.7
fwN=2.88
sdE=116.3
fwE=3.02
20251119T030945.0001.fits
SecZ=1.34
Focus=-1.093
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.519 +0.191 -1.951
T123=15.4 16.5 19.6
ALT/AZ=48.4 -20.5
fwAVG=2.88
sdW=28.7
fwW=2.80
sdS=646.6
fwS=2.83
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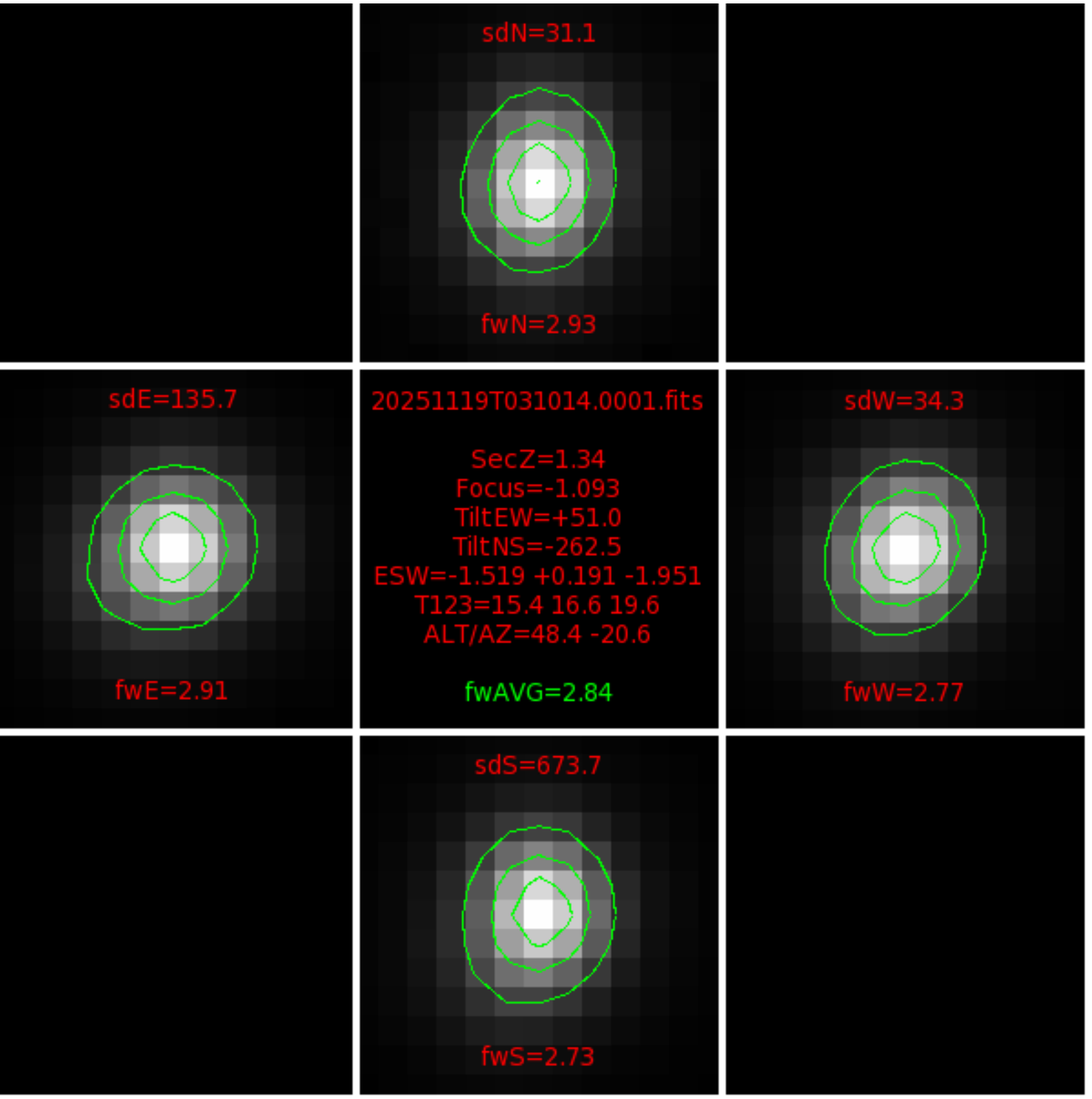
sdN=31.1
fwN=2.93
sdE=135.7
fwE=2.91
20251119T031014.0001.fits
SecZ=1.34
Focus=-1.093
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.519 +0.191 -1.951
T123=15.4 16.6 19.6
ALT/AZ=48.4 -20.6
fwAVG=2.84
sdW=34.3
fwW=2.77
sdS=673.7
fwS=2.73
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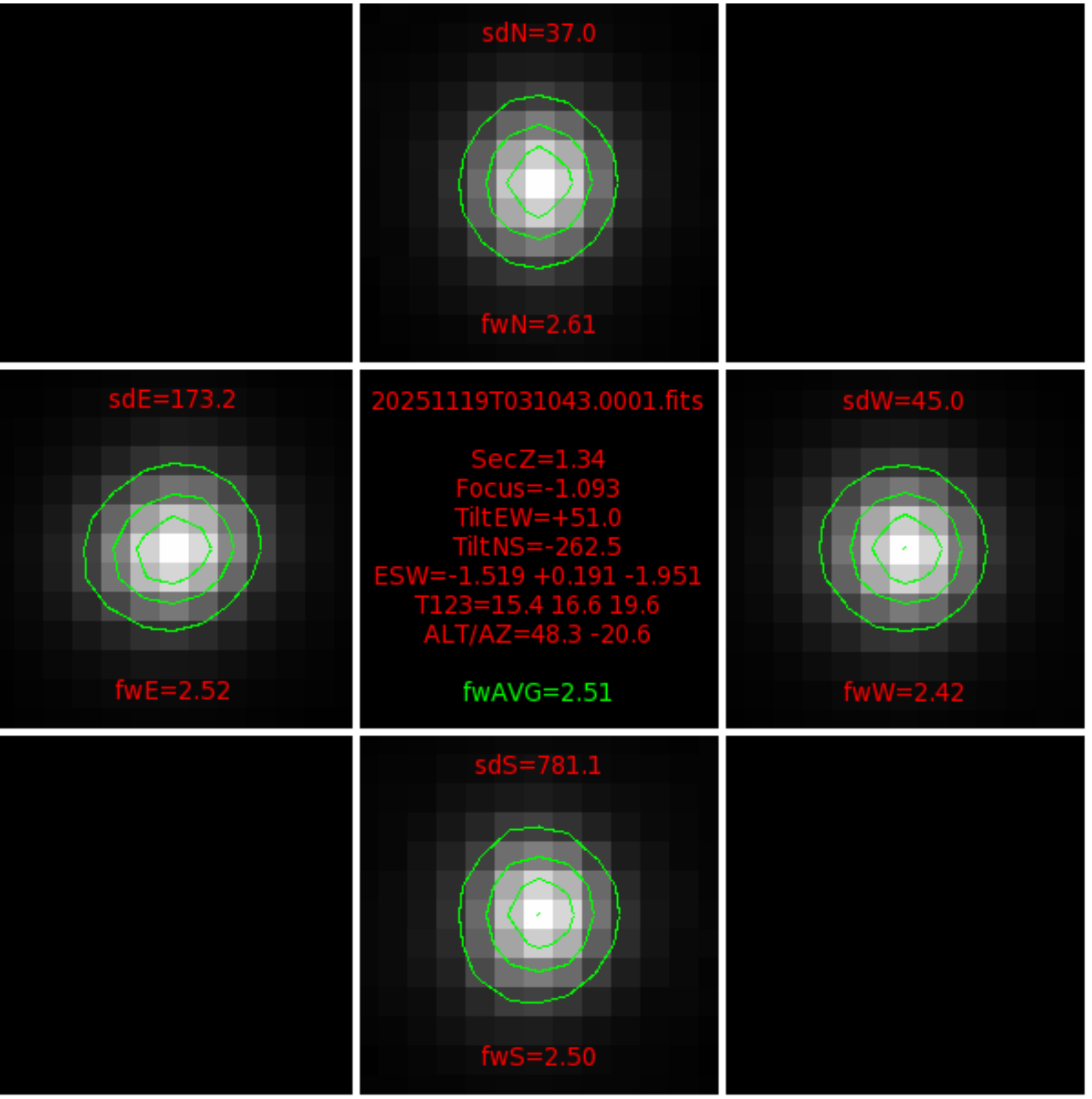
sdN=37.0
fwN=2.61
sdE=173.2
fwE=2.52
20251119T031043.0001.fits
SecZ=1.34
Focus=-1.093
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.519 +0.191 -1.951
T123=15.4 16.6 19.6
ALT/AZ=48.3 -20.6
fwAVG=2.51
sdW=45.0
fwW=2.42
sdS=781.1
fwS=2.50
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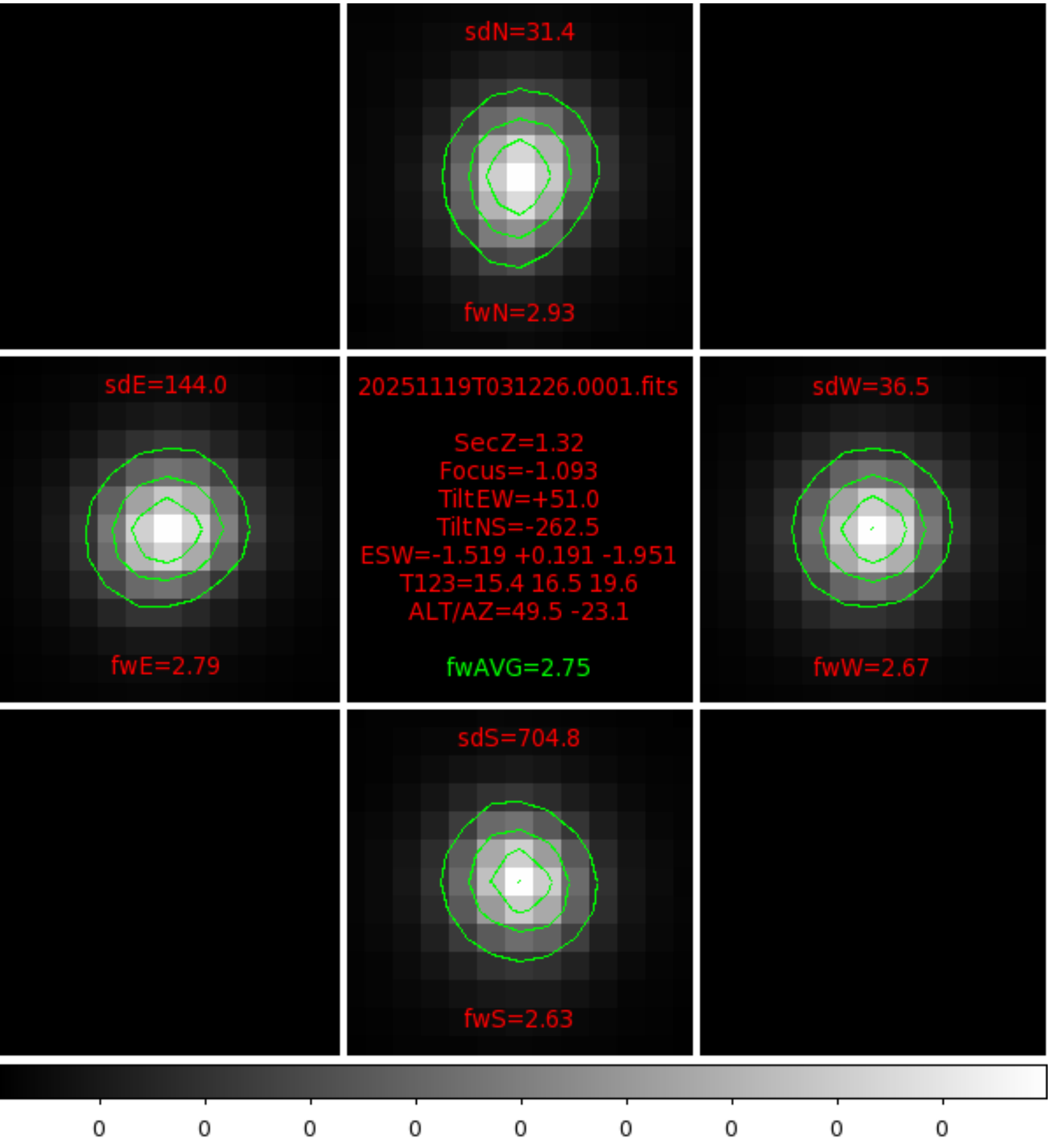
sdN=31.4
fwN=2.93
sdE=144.0
fwE=2.79
20251119T031226.0001.fits
SecZ=1.32
Focus=-1.093
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.519 +0.191 -1.951
T123=15.4 16.5 19.6
ALT/AZ=49.5 -23.1
fwAVG=2.75
sdW=36.5
fwW=2.67
sdS=704.8
fwS=2.63
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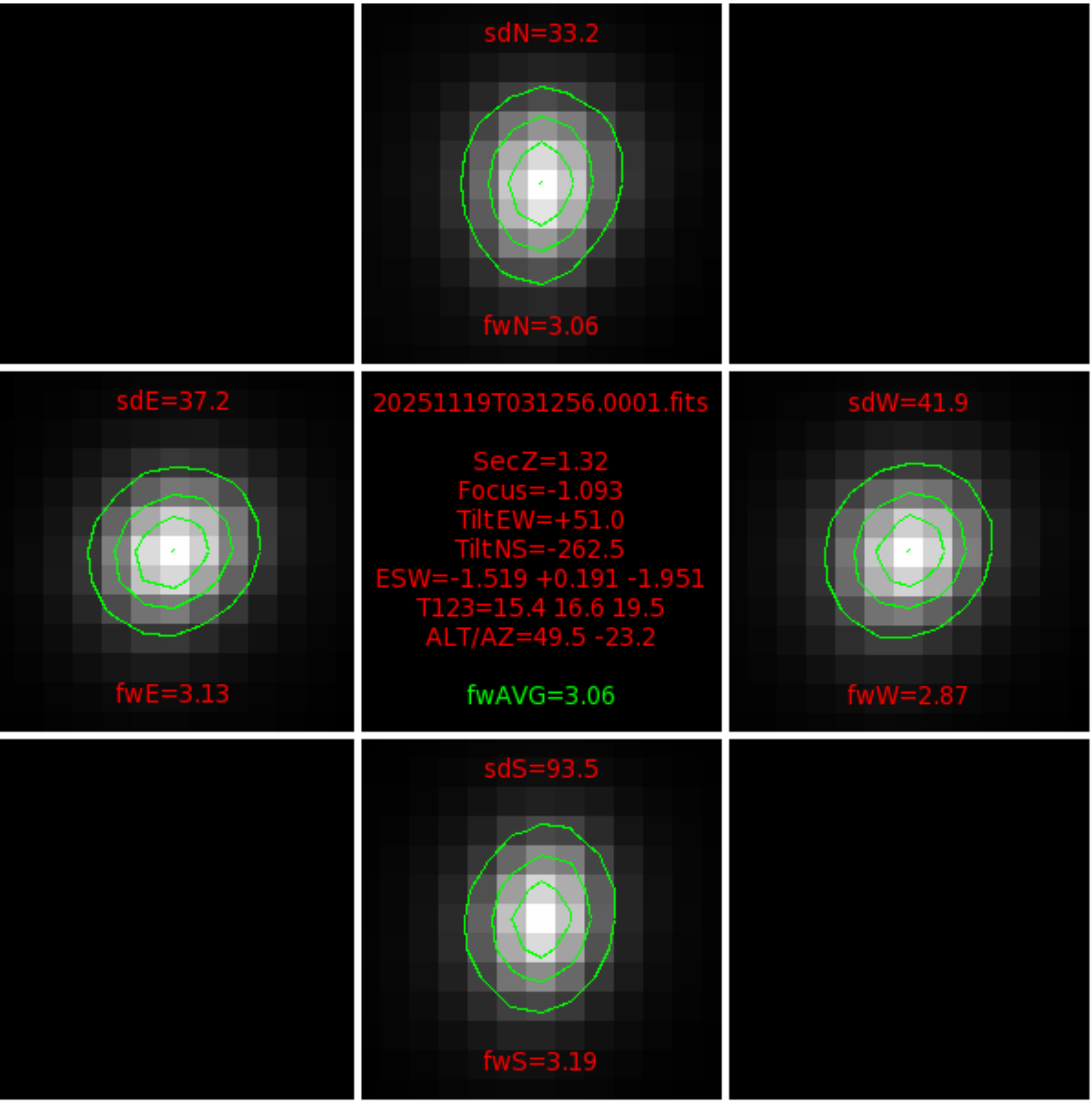
sdN=33.2
fwN=3.06
sdE=37.2
fwE=3.13
20251119T031256.0001.fits
SecZ=1.32
Focus=-1.093
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.519 +0.191 -1.951
T123=15.4 16.6 19.5
ALT/AZ=49.5 -23.2
fwAVG=3.06
sdW=41.9
fwW=2.87
sdS=93.5
fwS=3.19
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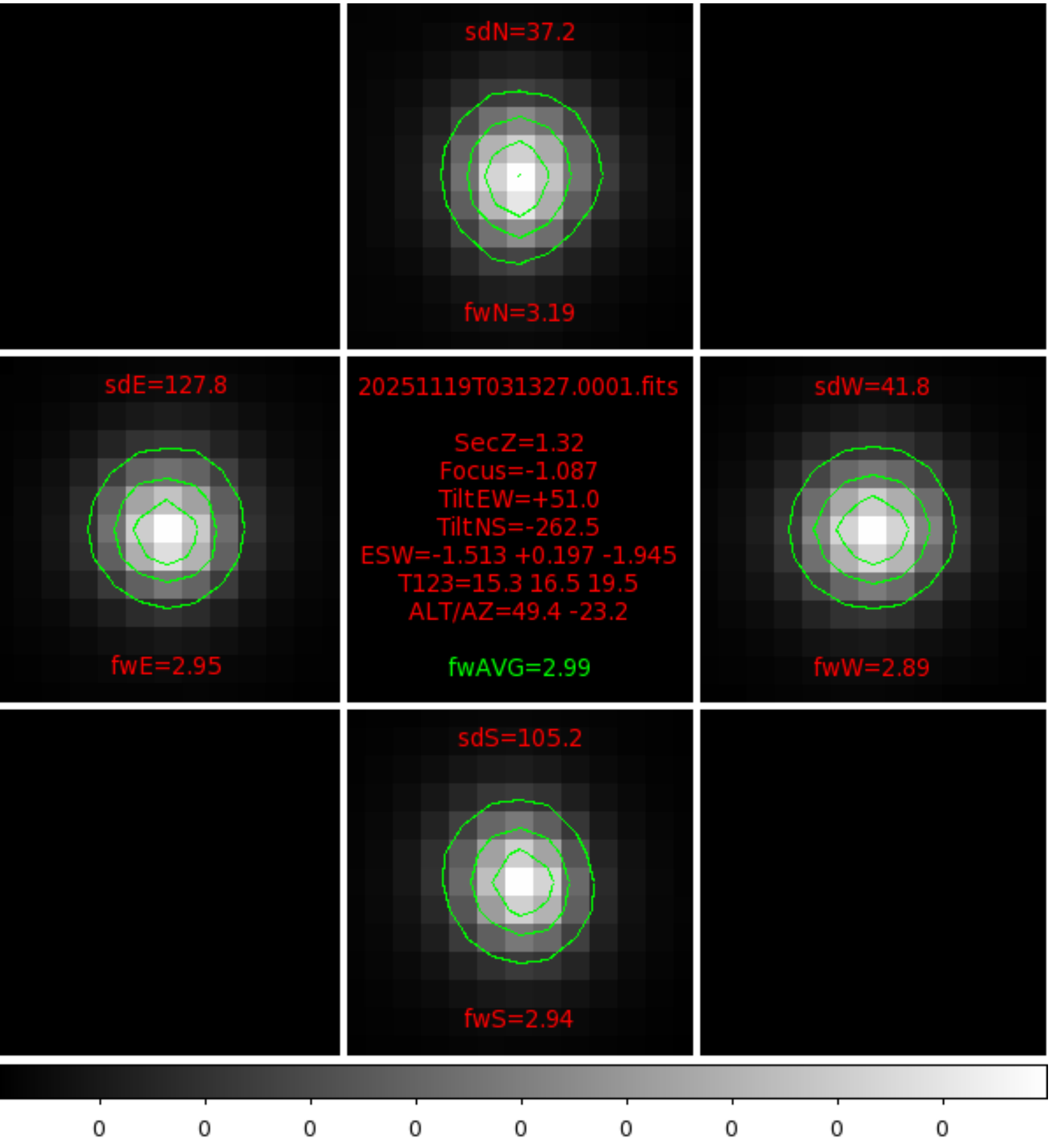
sdN=37.2
fwN=3.19
sdE=127.8
fwE=2.95
20251119T031327.0001.fits
SecZ=1.32
Focus=-1.087
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.513 +0.197 -1.945
T123=15.3 16.5 19.5
ALT/AZ=49.4 -23.2
fwAVG=2.99
sdW=41.8
fwW=2.89
sdS=105.2
fwS=2.94
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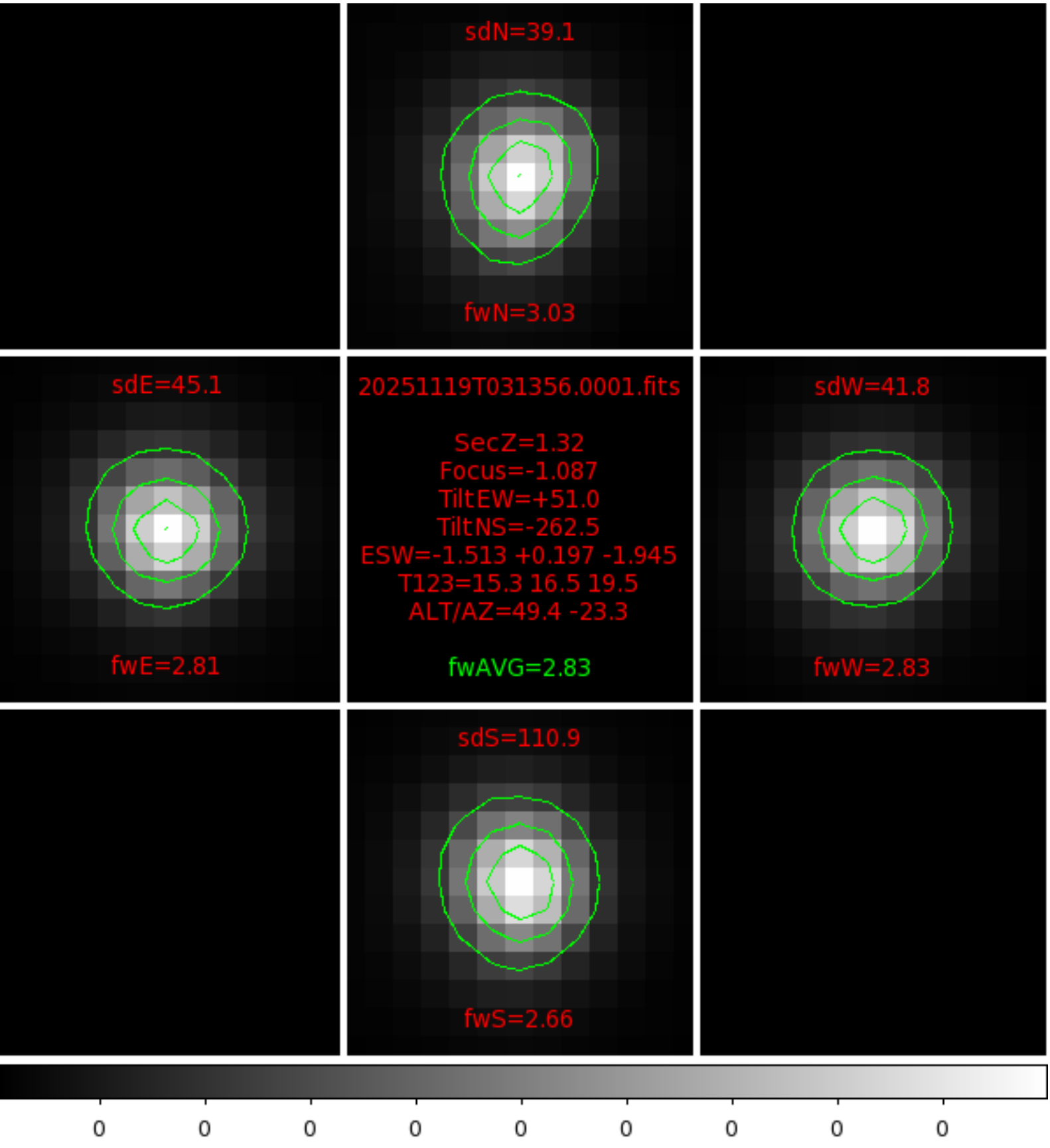
sdN=39.1
fwN=3.03
sdE=45.1
fwE=2.81
20251119T031356.0001.fits
SecZ=1.32
Focus=-1.087
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.513 +0.197 -1.945
T123=15.3 16.5 19.5
ALT/AZ=49.4 -23.3
fwAVG=2.83
sdW=41.8
fwW=2.83
sdS=110.9
fwS=2.66
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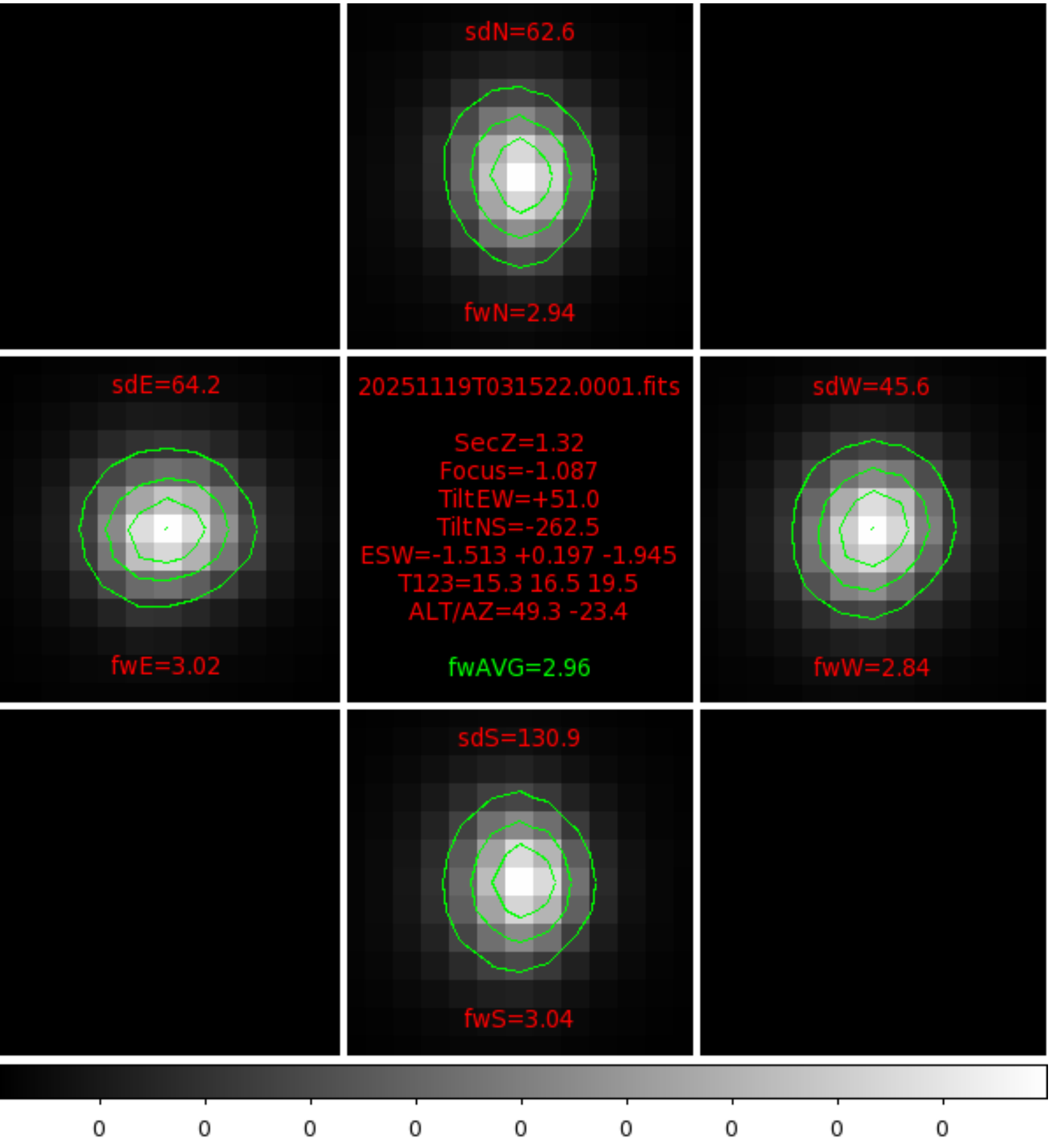
sdN=62.6
fwN=2.94
sdE=64.2
fwE=3.02
20251119T031522.0001.fits
SecZ=1.32
Focus=-1.087
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.513 +0.197 -1.945
T123=15.3 16.5 19.5
ALT/AZ=49.3 -23.4
fwAVG=2.96
sdW=45.6
fwW=2.84
sdS=130.9
fwS=3.04
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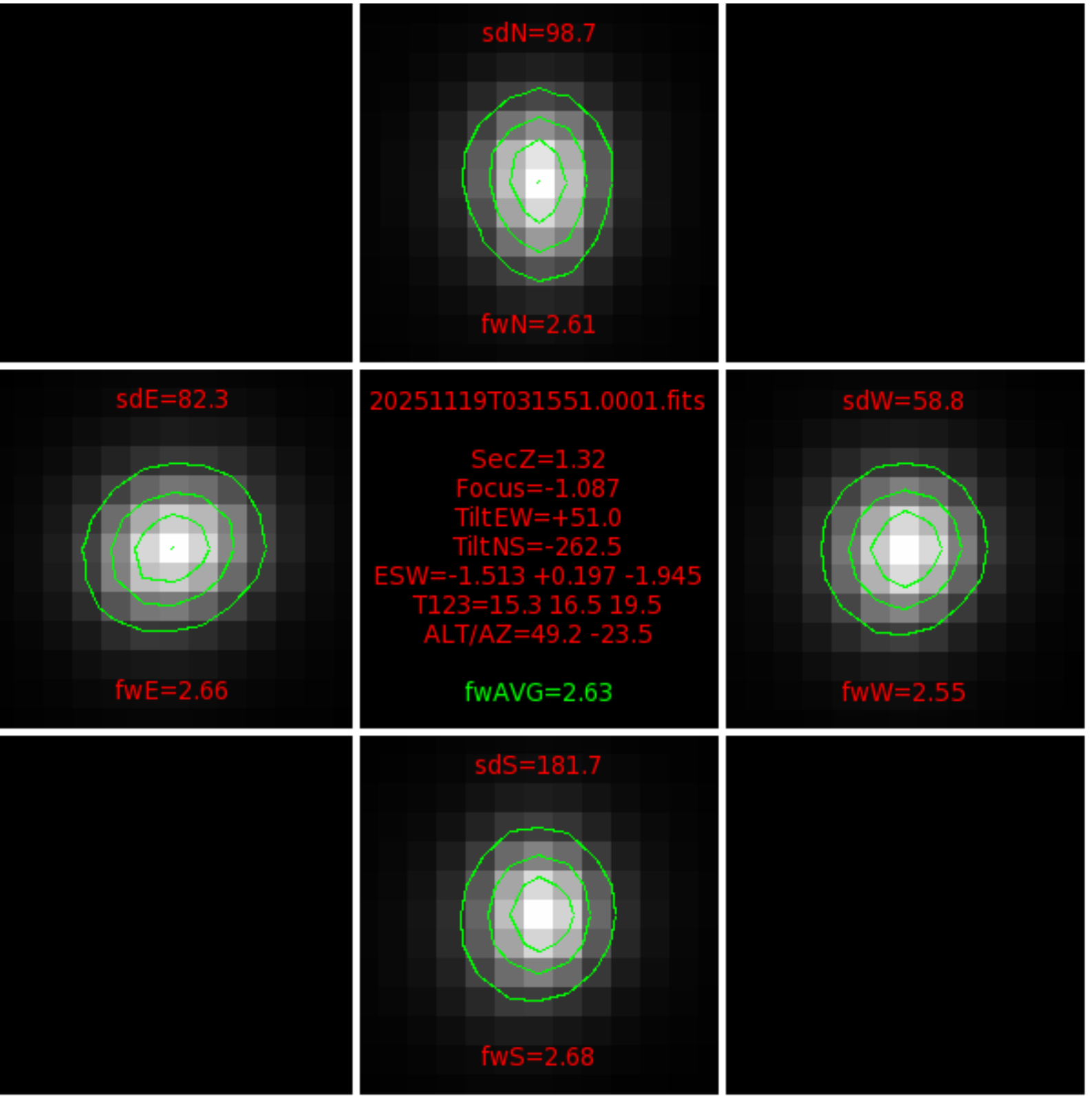
sdN=98.7
fwN=2.61
sdE=82.3
fwE=2.66
20251119T031551.0001.fits
SecZ=1.32
Focus=-1.087
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.513 +0.197 -1.945
T123=15.3 16.5 19.5
ALT/AZ=49.2 -23.5
fwAVG=2.63
sdW=58.8
fwW=2.55
sdS=181.7
fwS=2.68
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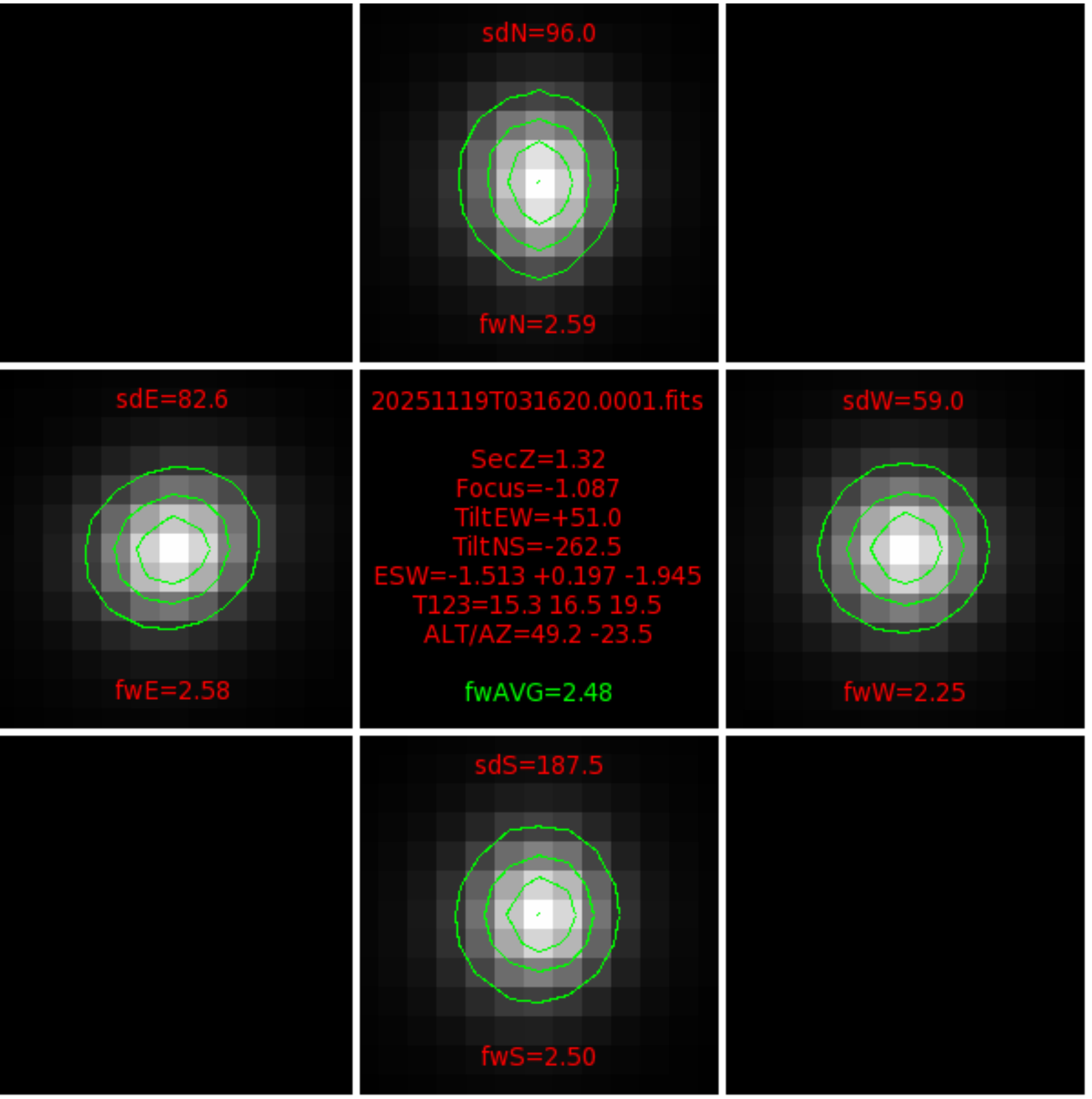
sdN=96.0
fwN=2.59
sdE=82.6
fwE=2.58
20251119T031620.0001.fits
SecZ=1.32
Focus=-1.087
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.513 +0.197 -1.945
T123=15.3 16.5 19.5
ALT/AZ=49.2 -23.5
fwAVG=2.48
sdW=59.0
fwW=2.25
sdS=187.5
fwS=2.50
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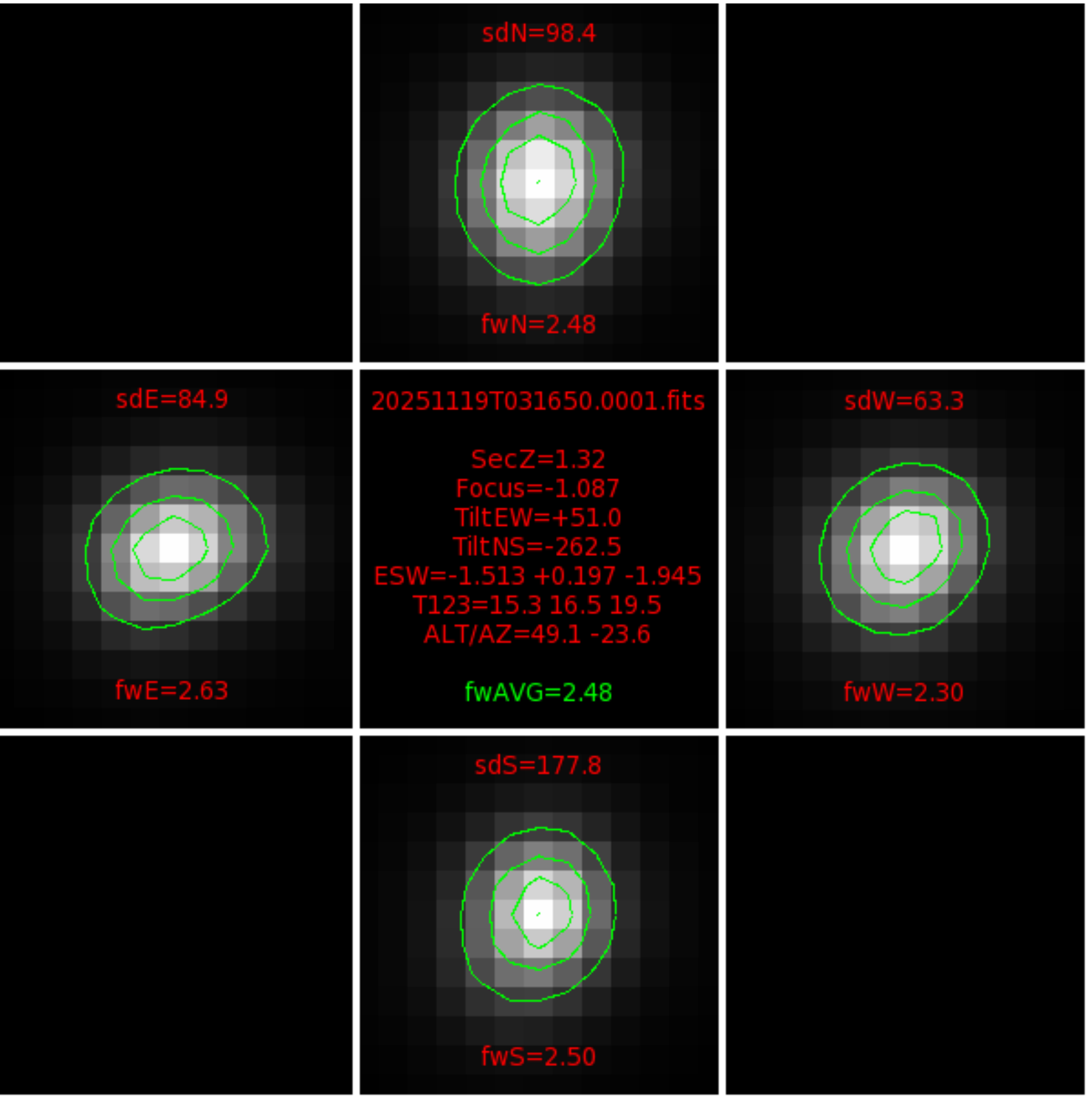
sdN=98.4
fwN=2.48
sdE=84.9
fwE=2.63
20251119T031650.0001.fits
SecZ=1.32
Focus=-1.087
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.513 +0.197 -1.945
T123=15.3 16.5 19.5
ALT/AZ=49.1 -23.6
fwAVG=2.48
sdW=63.3
fwW=2.30
sdS=177.8
fwS=2.50
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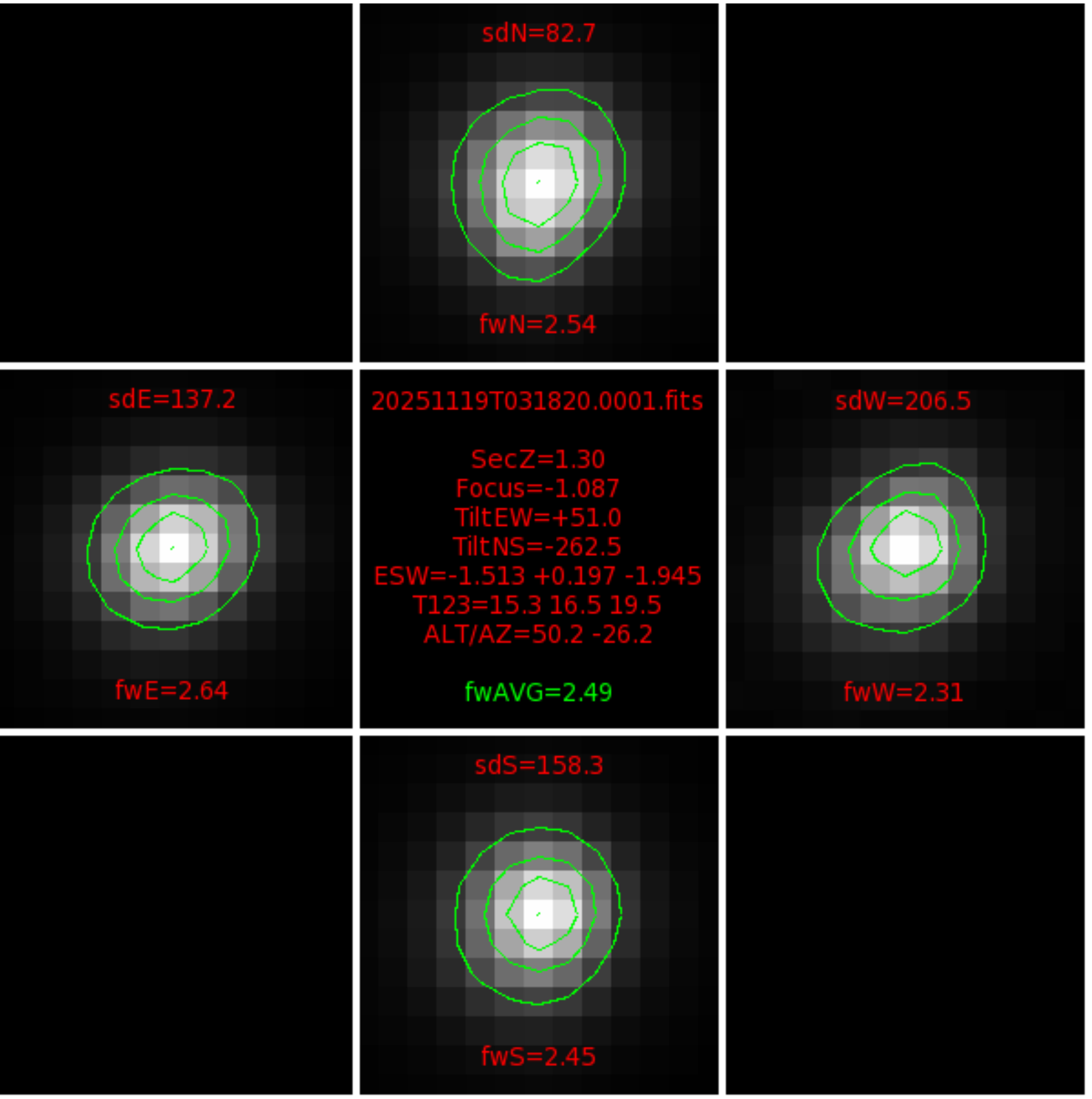
sdN=82.7
fwN=2.54
sdE=137.2
fwE=2.64
20251119T031820.0001.fits
SecZ=1.30
Focus=-1.087
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.513 +0.197 -1.945
T123=15.3 16.5 19.5
ALT/AZ=50.2 -26.2
fwAVG=2.49
sdW=206.5
fwW=2.31
sdS=158.3
fwS=2.45
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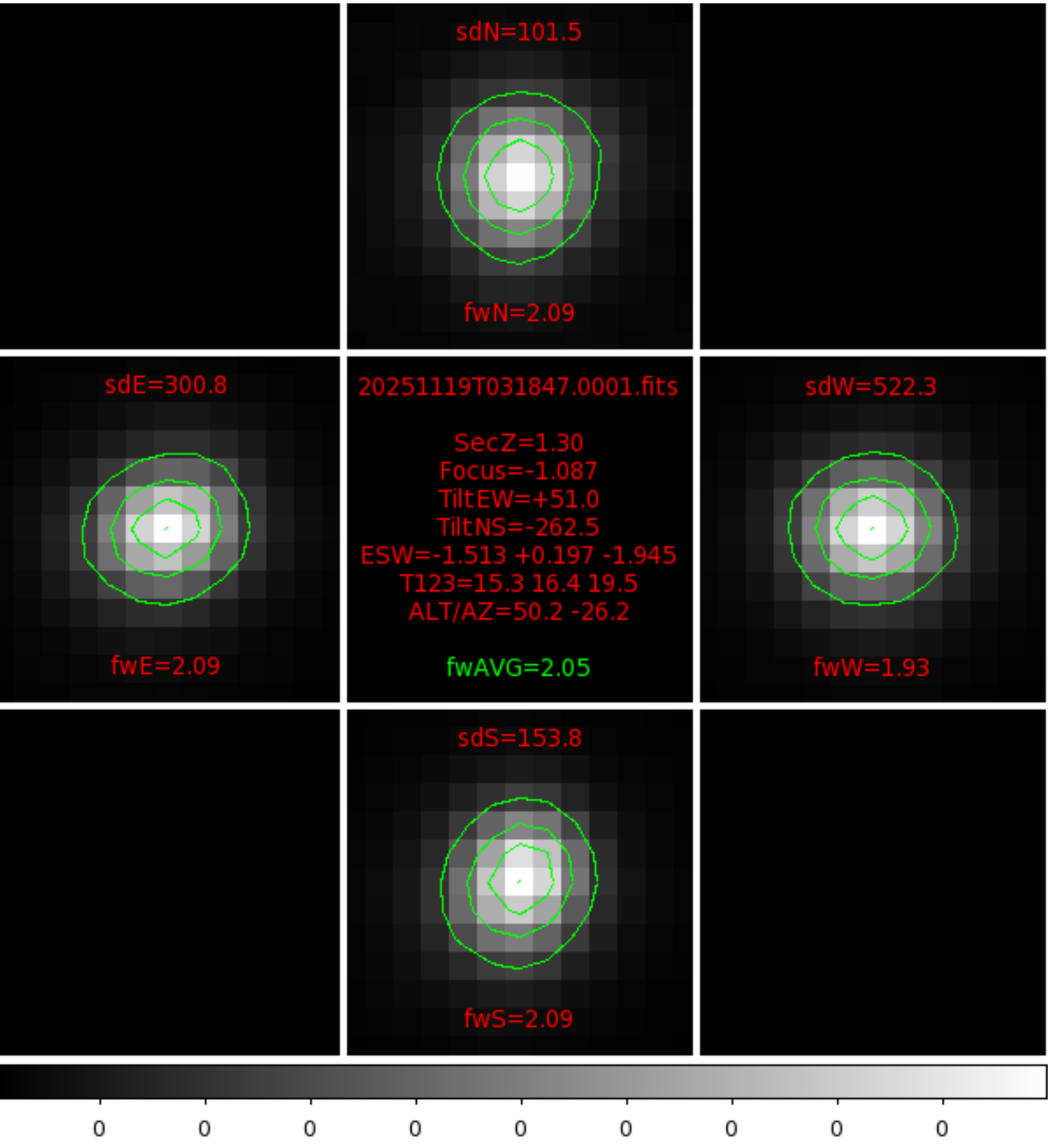
sdN=101.5
fwN=2.09
sdE=300.8
fwE=2.09
20251119T031847.0001.fits
SecZ=1.30
Focus=-1.087
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.513 +0.197 -1.945
T123=15.3 16.4 19.5
ALT/AZ=50.2 -26.2
fwAVG=2.05
sdW=522.3
fwW=1.93
sdS=153.8
fwS=2.09
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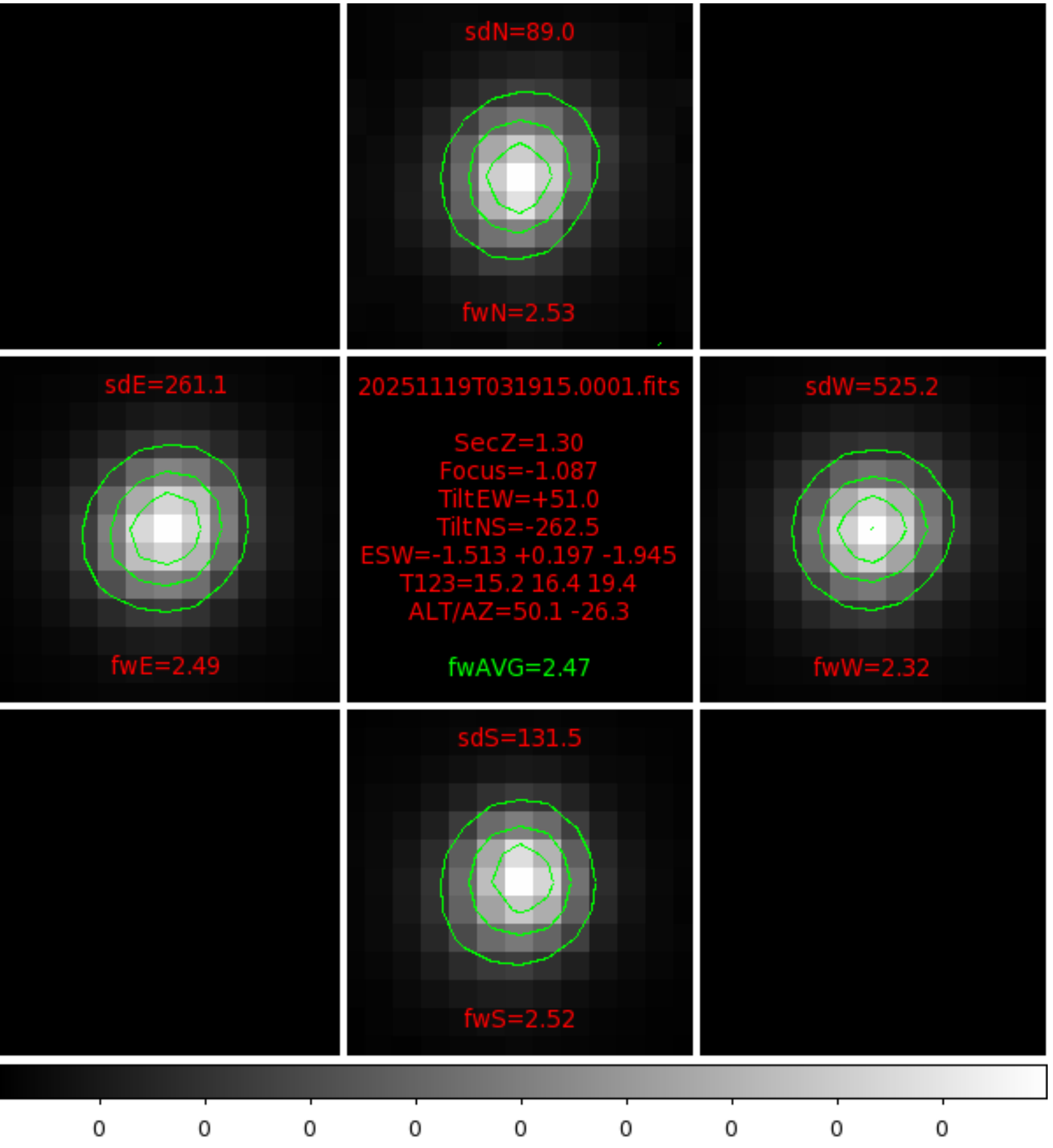
sdN=89.0
fwN=2.53
sdE=261.1
fwE=2.49
20251119T031915.0001.fits
SecZ=1.30
Focus=-1.087
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.513 +0.197 -1.945
T123=15.2 16.4 19.4
ALT/AZ=50.1 -26.3
fwAVG=2.47
sdW=525.2
fwW=2.32
sdS=131.5
fwS=2.52
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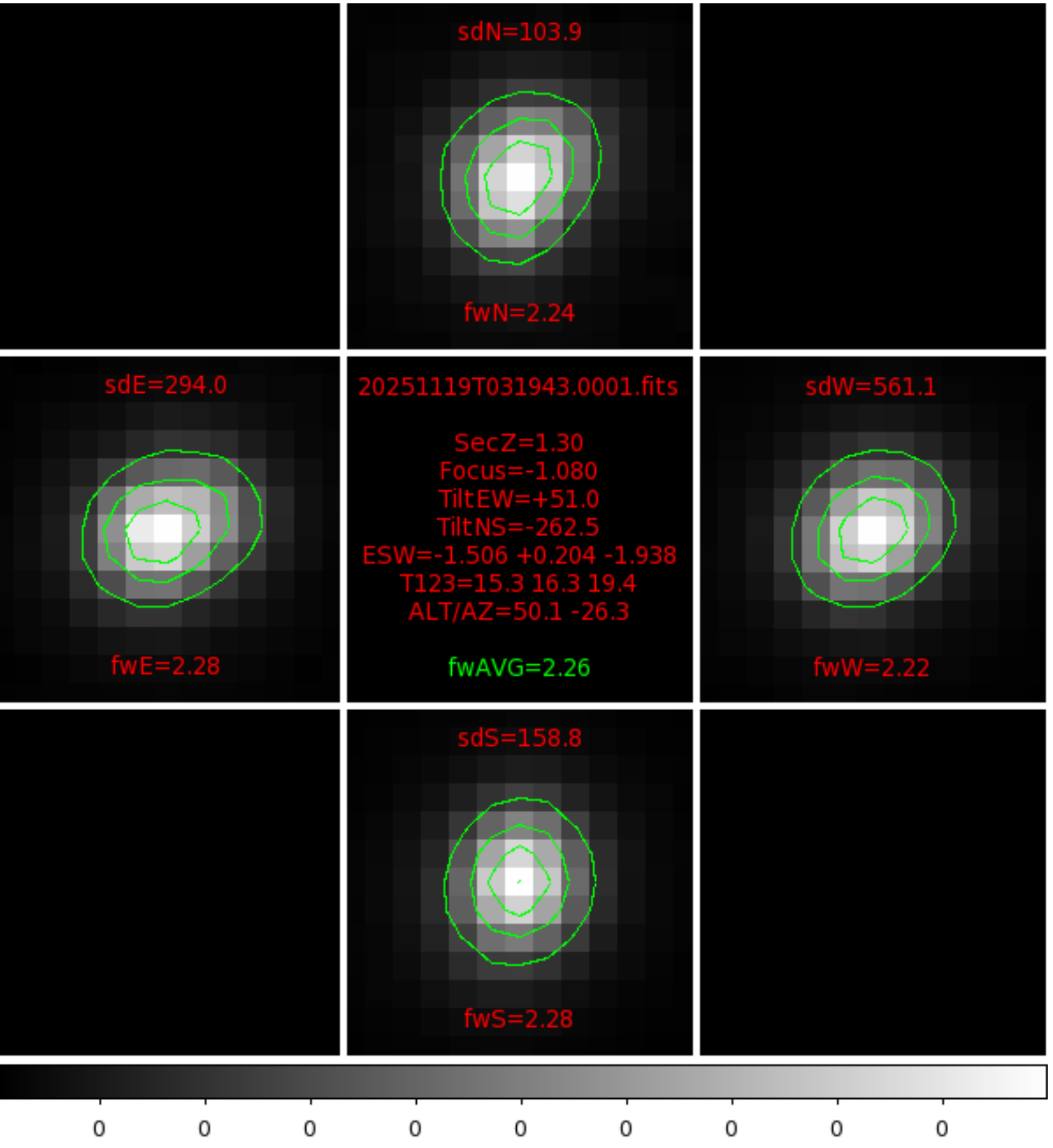
sdN=103.9
fwN=2.24
sdE=294.0
fwE=2.28
20251119T031943.0001.fits
SecZ=1.30
Focus=-1.080
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.506 +0.204 -1.938
T123=15.3 16.3 19.4
ALT/AZ=50.1 -26.3
fwAVG=2.26
sdW=561.1
fwW=2.22
sdS=158.8
fwS=2.28
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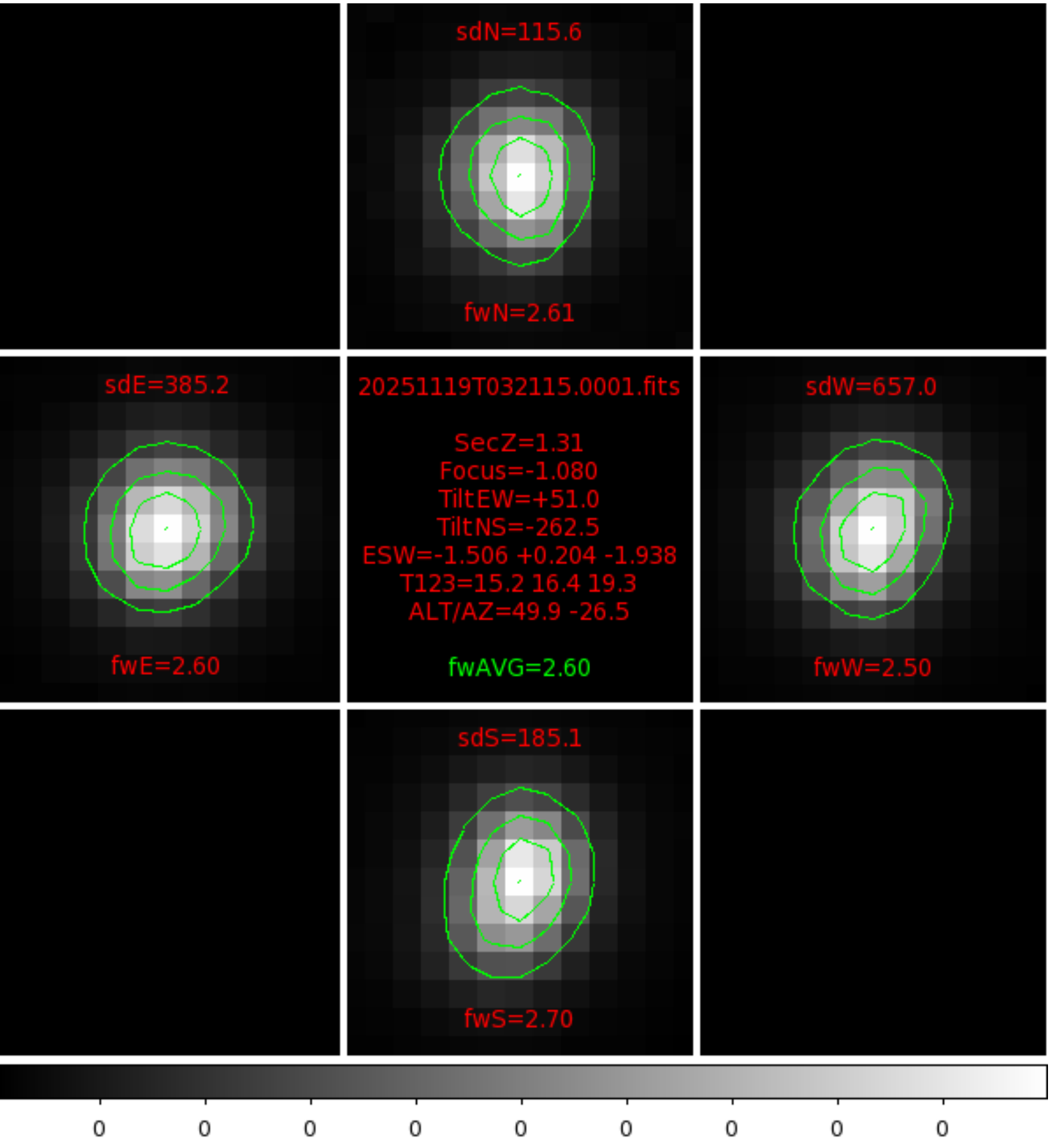
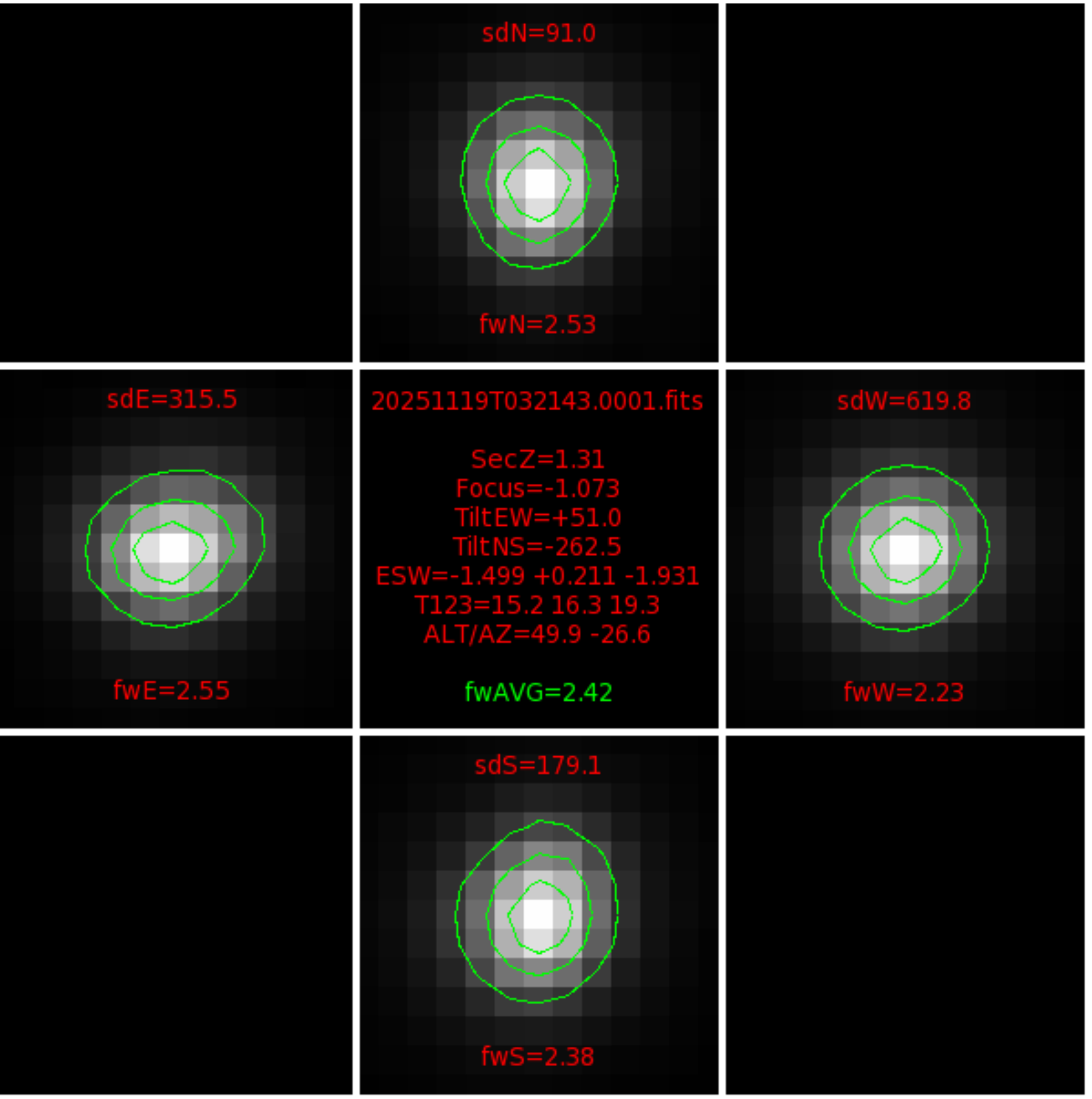

sdN=115.6
fwN=2.61
sdE=385.2
fwE=2.60
20251119T032115.0001.fits
SecZ=1.31
Focus=-1.080
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.506 +0.204 -1.938
T123=15.2 16.4 19.3
ALT/AZ=49.9 -26.5
fwAVG=2.60
sdW=657.0
fwW=2.50
sdS=185.1
fwS=2.70
0 0 0 0 0 0 0 0 0


sdN=91.0
fwN=2.53
sdE=315.5
fwE=2.55
20251119T032143.0001.fits
SecZ=1.31
Focus=-1.073
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.499 +0.211 -1.931
T123=15.2 16.3 19.3
ALT/AZ=49.9 -26.6
fwAVG=2.42
sdW=619.8
fwW=2.23
sdS=179.1
fwS=2.38
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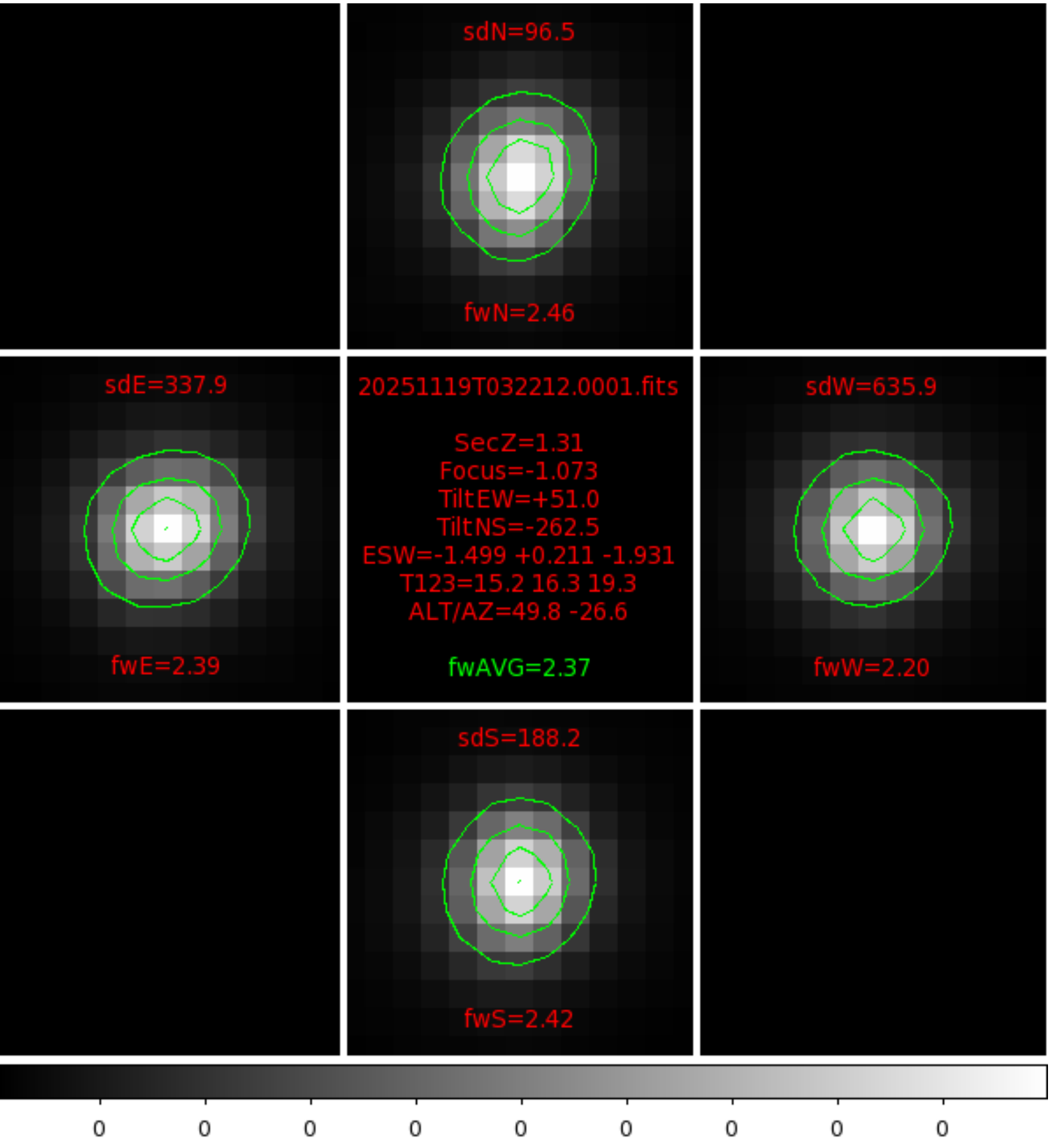
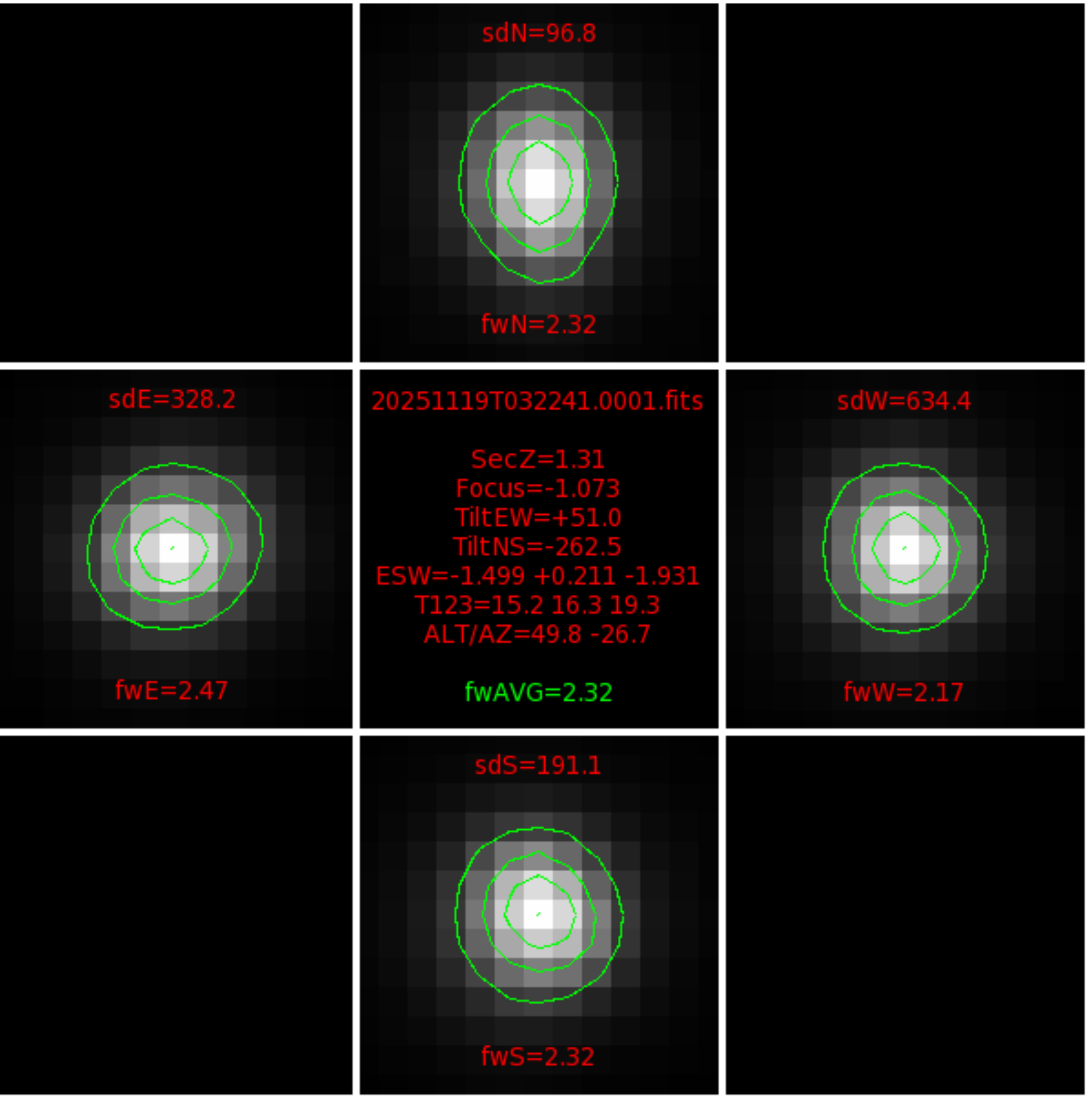

sdN=96.5
fwN=2.46
sdE=337.9
fwE=2.39
20251119T032212.0001.fits
SecZ=1.31
Focus=-1.073
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.499 +0.211 -1.931
T123=15.2 16.3 19.3
ALT/AZ=49.8 -26.6
fwAVG=2.37
sdW=635.9
fwW=2.20
sdS=188.2
fwS=2.42
0 0 0 0 0 0 0 0 0


sdN=96.8
fwN=2.32
sdE=328.2
fwE=2.47
20251119T032241.0001.fits
SecZ=1.31
Focus=-1.073
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.499 +0.211 -1.931
T123=15.2 16.3 19.3
ALT/AZ=49.8 -26.7
fwAVG=2.32
sdW=634.4
fwW=2.17
sdS=191.1
fwS=2.32
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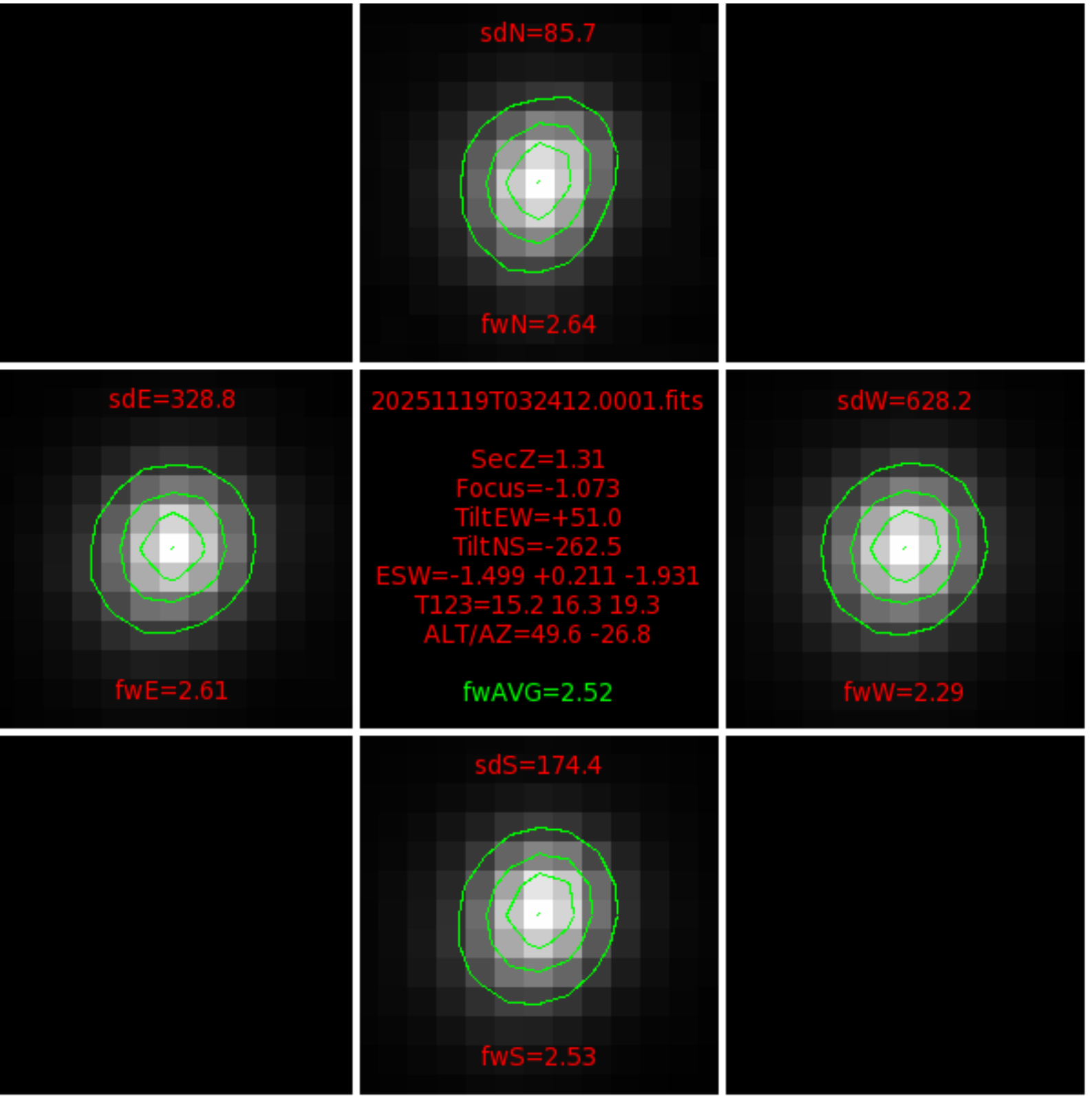
sdN=85.7
fwN=2.64
sdE=328.8
fwE=2.61
20251119T032412.0001.fits
SecZ=1.31
Focus=-1.073
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.499 +0.211 -1.931
T123=15.2 16.3 19.3
ALT/AZ=49.6 -26.8
fwAVG=2.52
sdW=628.2
fwW=2.29
sdS=174.4
fwS=2.53
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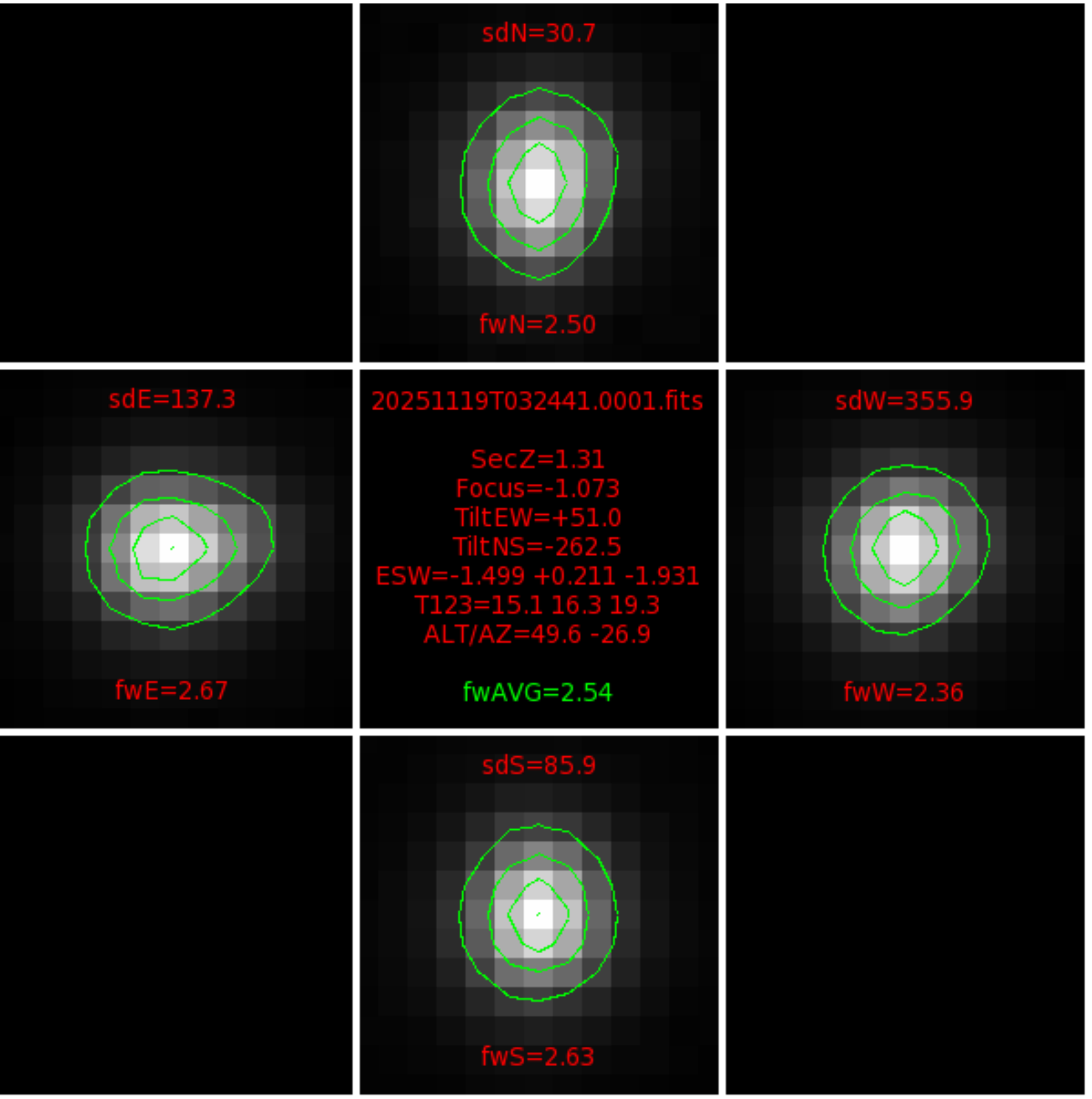
sdN=30.7
fwN=2.50
sdE=137.3
fwE=2.67
20251119T032441.0001.fits
SecZ=1.31
Focus=-1.073
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.499 +0.211 -1.931
T123=15.1 16.3 19.3
ALT/AZ=49.6 -26.9
fwAVG=2.54
sdW=355.9
fwW=2.36
sdS=85.9
fwS=2.63
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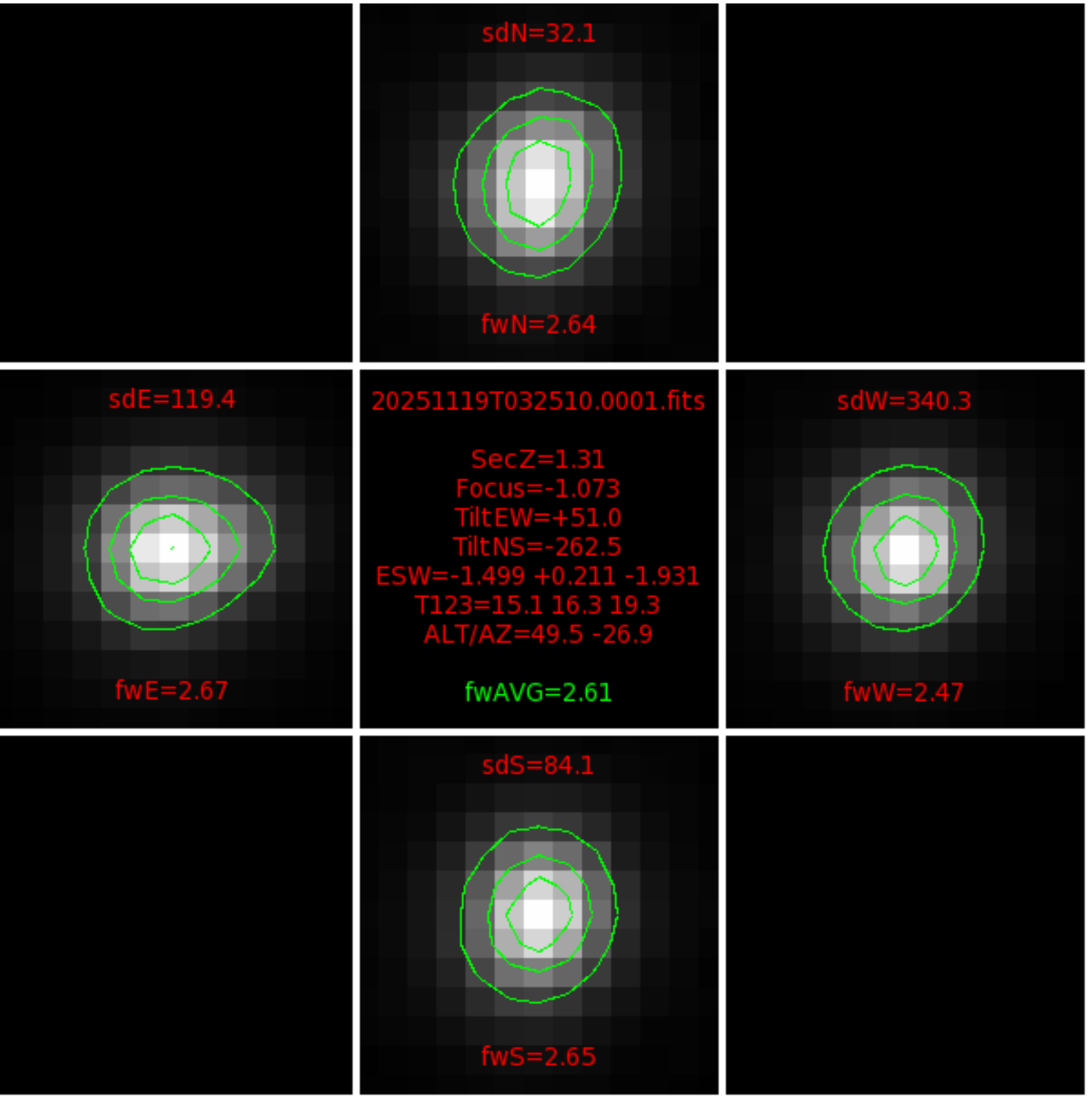
sdN=32.1
fwN=2.64
sdE=119.4
fwE=2.67
20251119T032510.0001.fits
SecZ=1.31
Focus=-1.073
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.499 +0.211 -1.931
T123=15.1 16.3 19.3
ALT/AZ=49.5 -26.9
fwAVG=2.61
sdW=340.3
fwW=2.47
sdS=84.1
fwS=2.65
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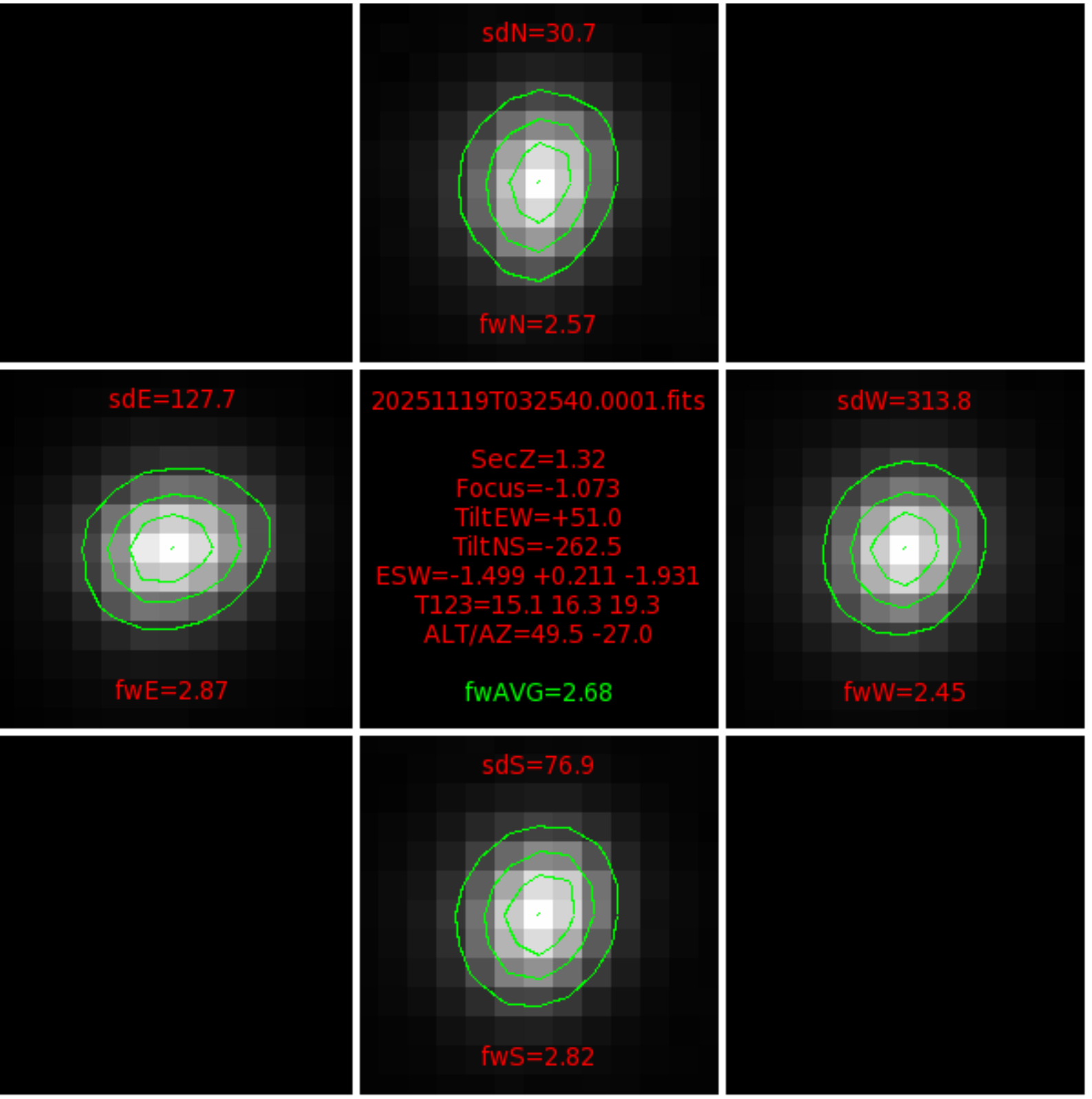
sdN=30.7
fwN=2.57
sdE=127.7
fwE=2.87
20251119T032540.0001.fits
SecZ=1.32
Focus=-1.073
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.499 +0.211 -1.931
T123=15.1 16.3 19.3
ALT/AZ=49.5 -27.0
fwAVG=2.68
sdW=313.8
fwW=2.45
sdS=76.9
fwS=2.82
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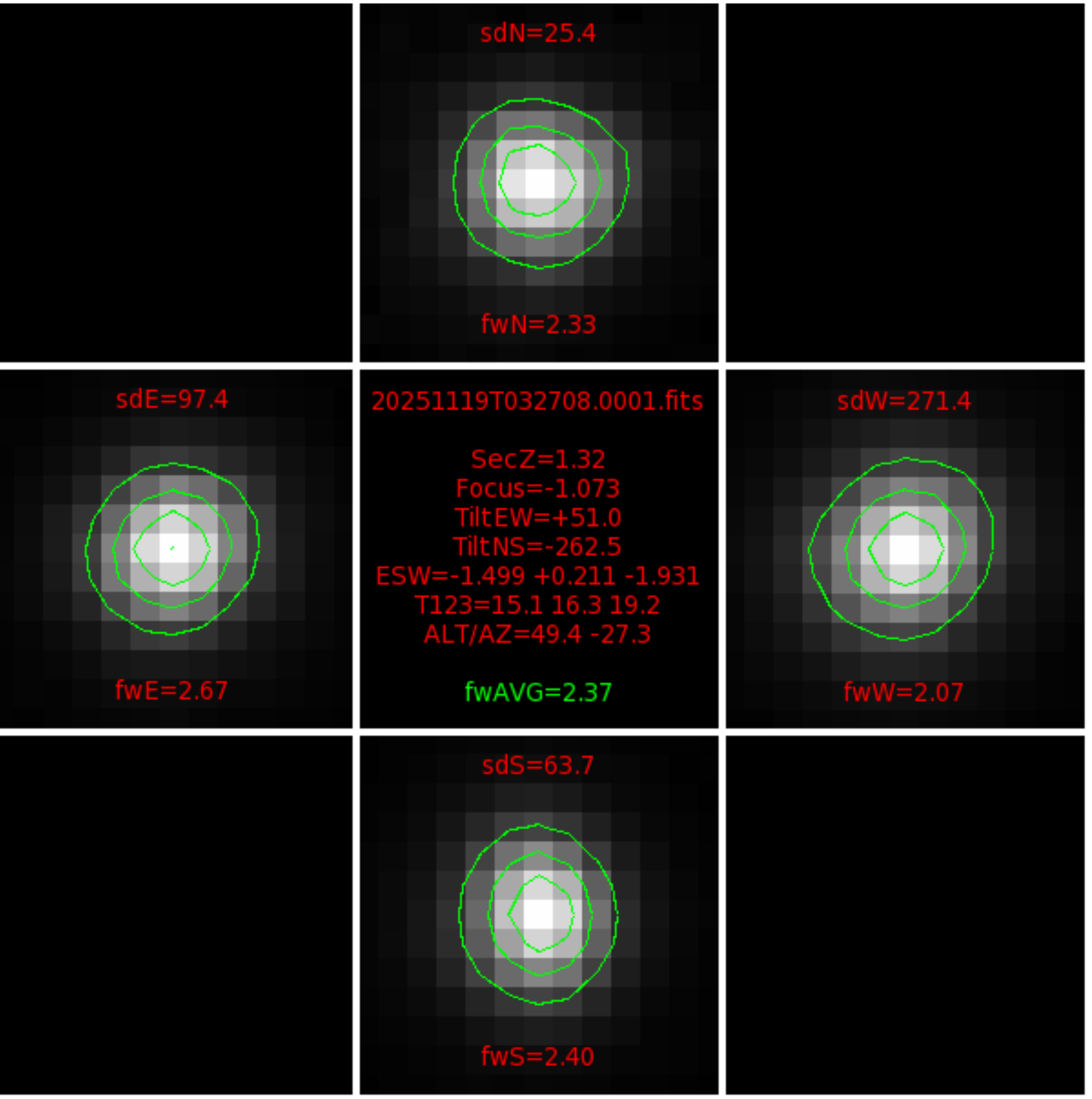
sdN=25.4
fwN=2.33
sdE=97.4
fwE=2.67
20251119T032708.0001.fits
SecZ=1.32
Focus=-1.073
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.499 +0.211 -1.931
T123=15.1 16.3 19.2
ALT/AZ=49.4 -27.3
fwAVG=2.37
sdW=271.4
fwW=2.07
sdS=63.7
fwS=2.40
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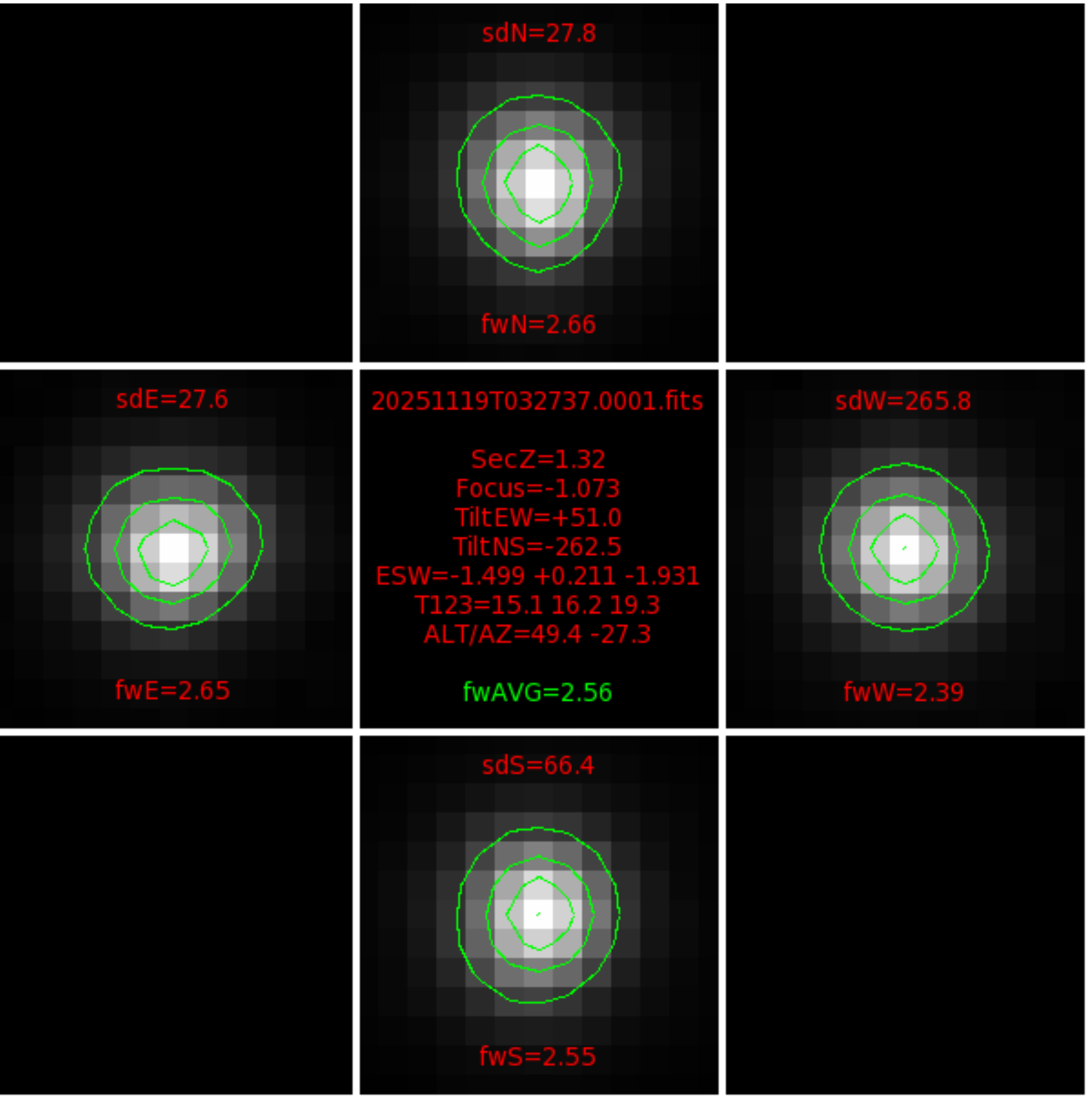
sdN=27.8
fwN=2.66
sdE=27.6
fwE=2.65
20251119T032737.0001.fits
SecZ=1.32
Focus=-1.073
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.499 +0.211 -1.931
T123=15.1 16.2 19.3
ALT/AZ=49.4 -27.3
fwAVG=2.56
sdW=265.8
fwW=2.39
sdS=66.4
fwS=2.55
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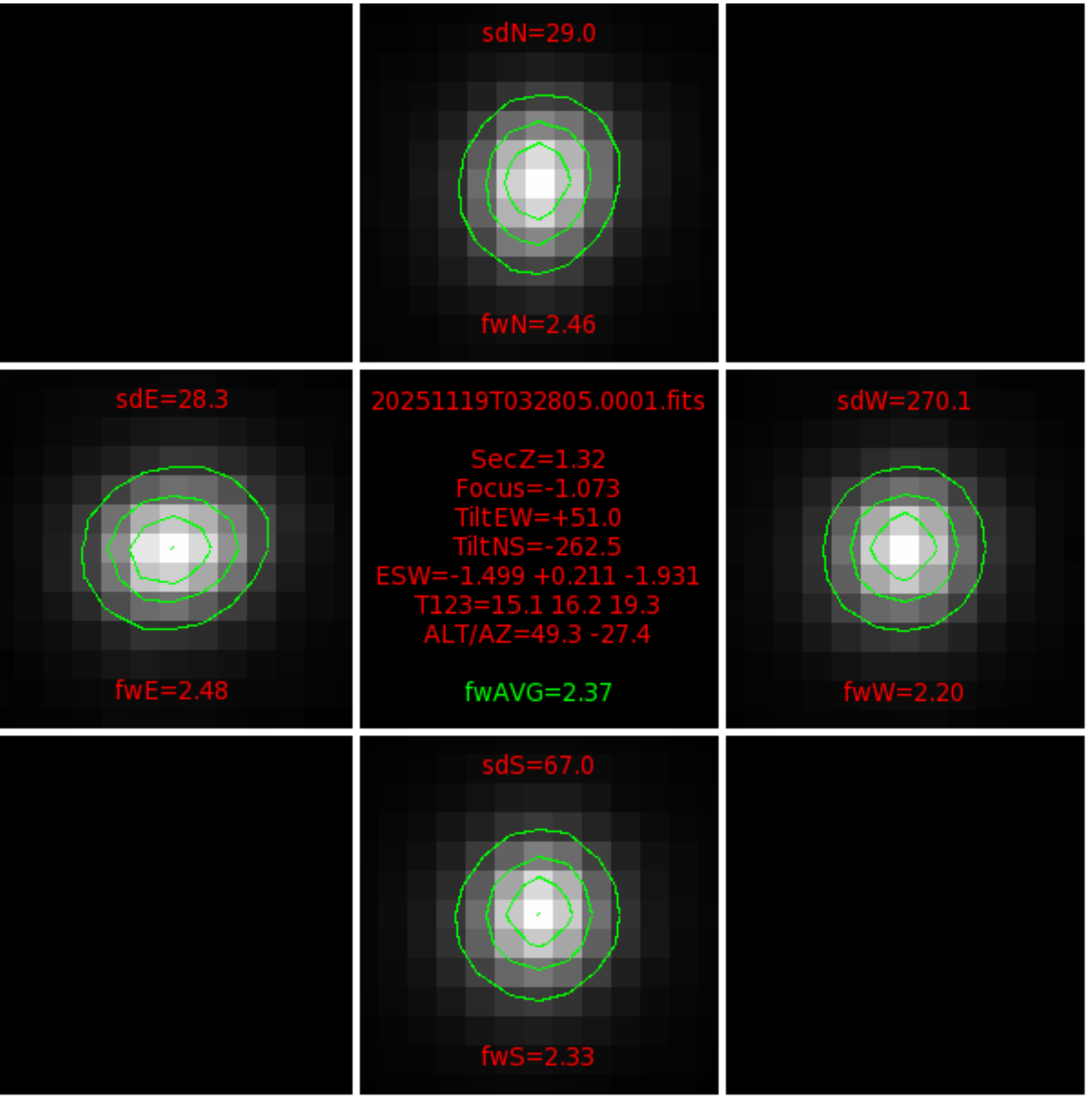
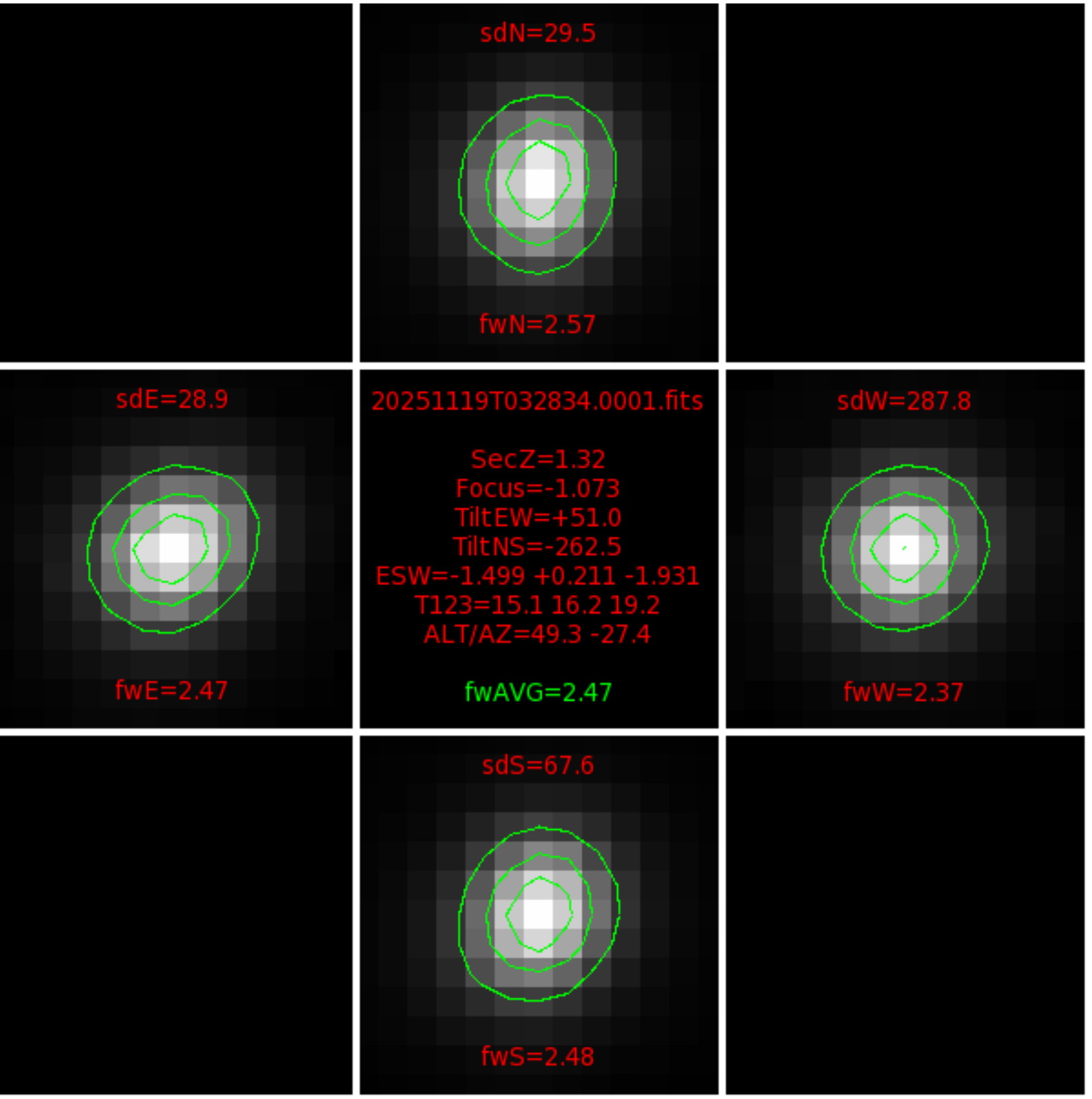

sdN=29.0
fwN=2.46
sdE=28.3
fwE=2.48
20251119T032805.0001.fits
SecZ=1.32
Focus=-1.073
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.499 +0.211 -1.931
T123=15.1 16.2 19.3
ALT/AZ=49.3 -27.4
fwAVG=2.37
sdW=270.1
fwW=2.20
sdS=67.0
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=29.5
fwN=2.57
sdE=28.9
fwE=2.47
20251119T032834.0001.fits
SecZ=1.32
Focus=-1.073
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.499 +0.211 -1.931
T123=15.1 16.2 19.2
ALT/AZ=49.3 -27.4
fwAVG=2.47
sdW=287.8
fwW=2.37
sdS=67.6
fwS=2.48
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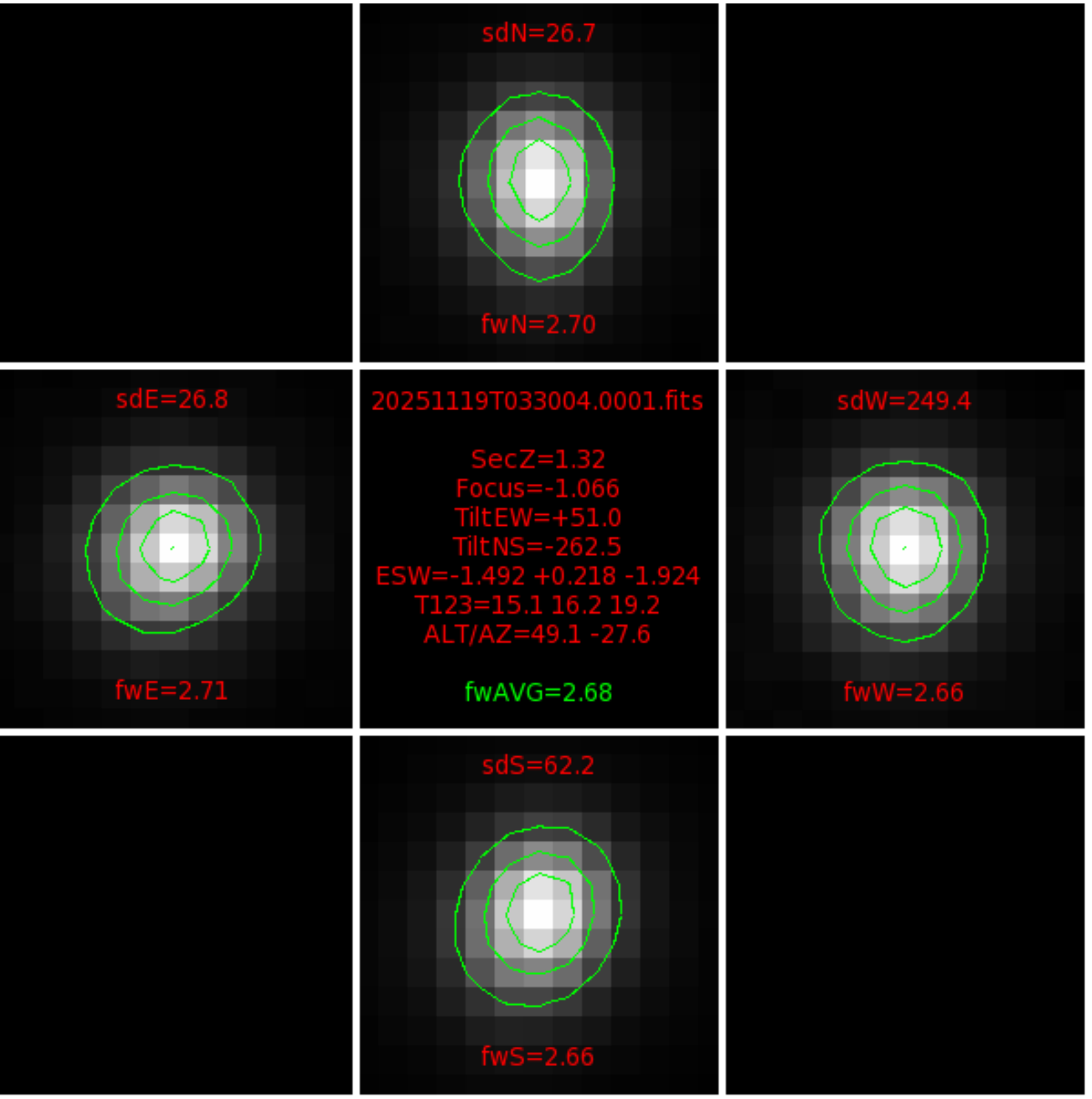
sdN=26.7
fwN=2.70
sdE=26.8
fwE=2.71
20251119T033004.0001.fits
SecZ=1.32
Focus=-1.066
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.492 +0.218 -1.924
T123=15.1 16.2 19.2
ALT/AZ=49.1 -27.6
fwAVG=2.68
sdW=249.4
fwW=2.66
sdS=62.2
fwS=2.66
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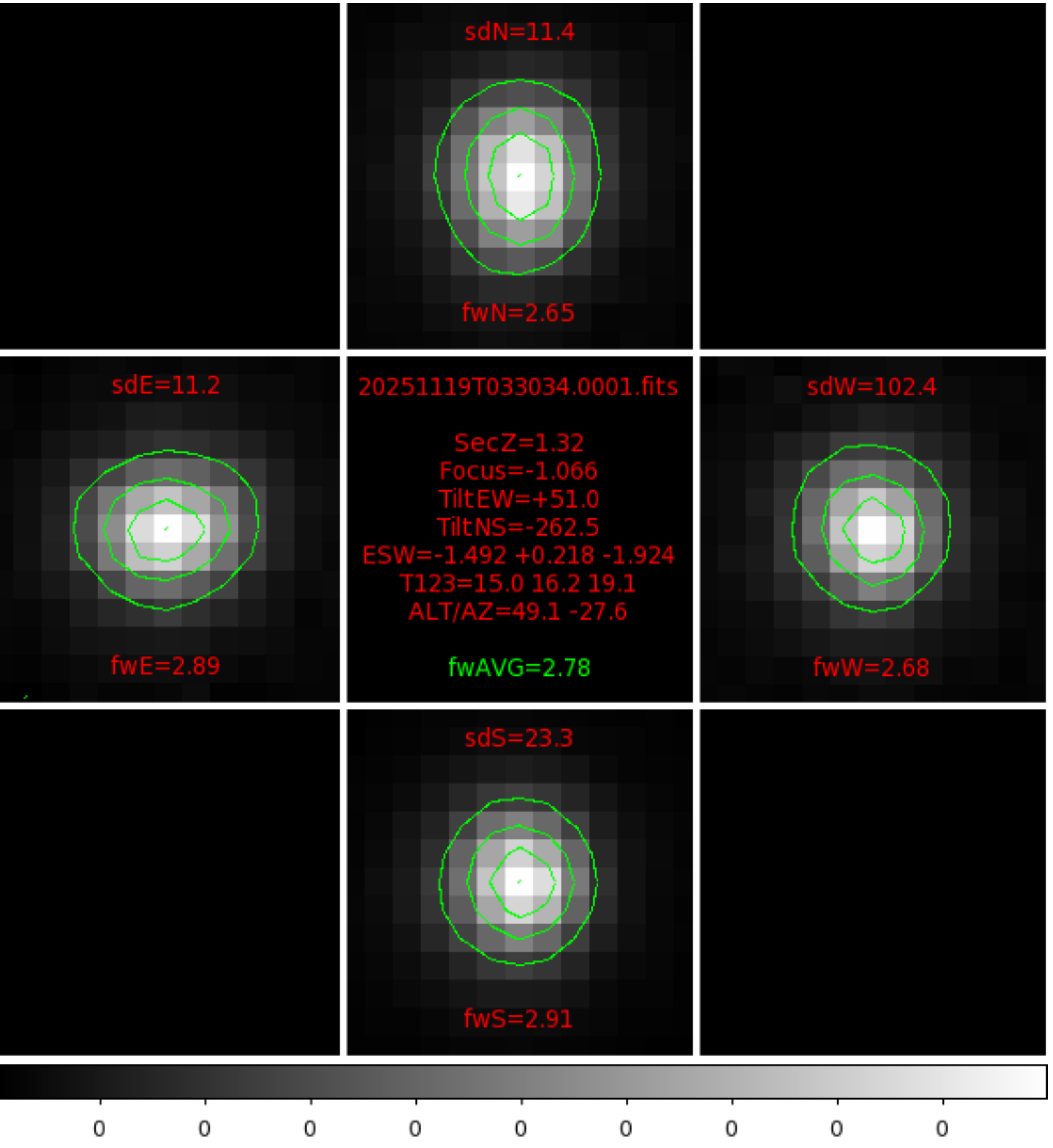
sdN=11.4
fwN=2.65
sdE=11.2
fwE=2.89
20251119T033034.0001.fits
SecZ=1.32
Focus=-1.066
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.492 +0.218 -1.924
T123=15.0 16.2 19.1
ALT/AZ=49.1 -27.6
fwAVG=2.78
sdW=102.4
fwW=2.68
sdS=23.3
fwS=2.91
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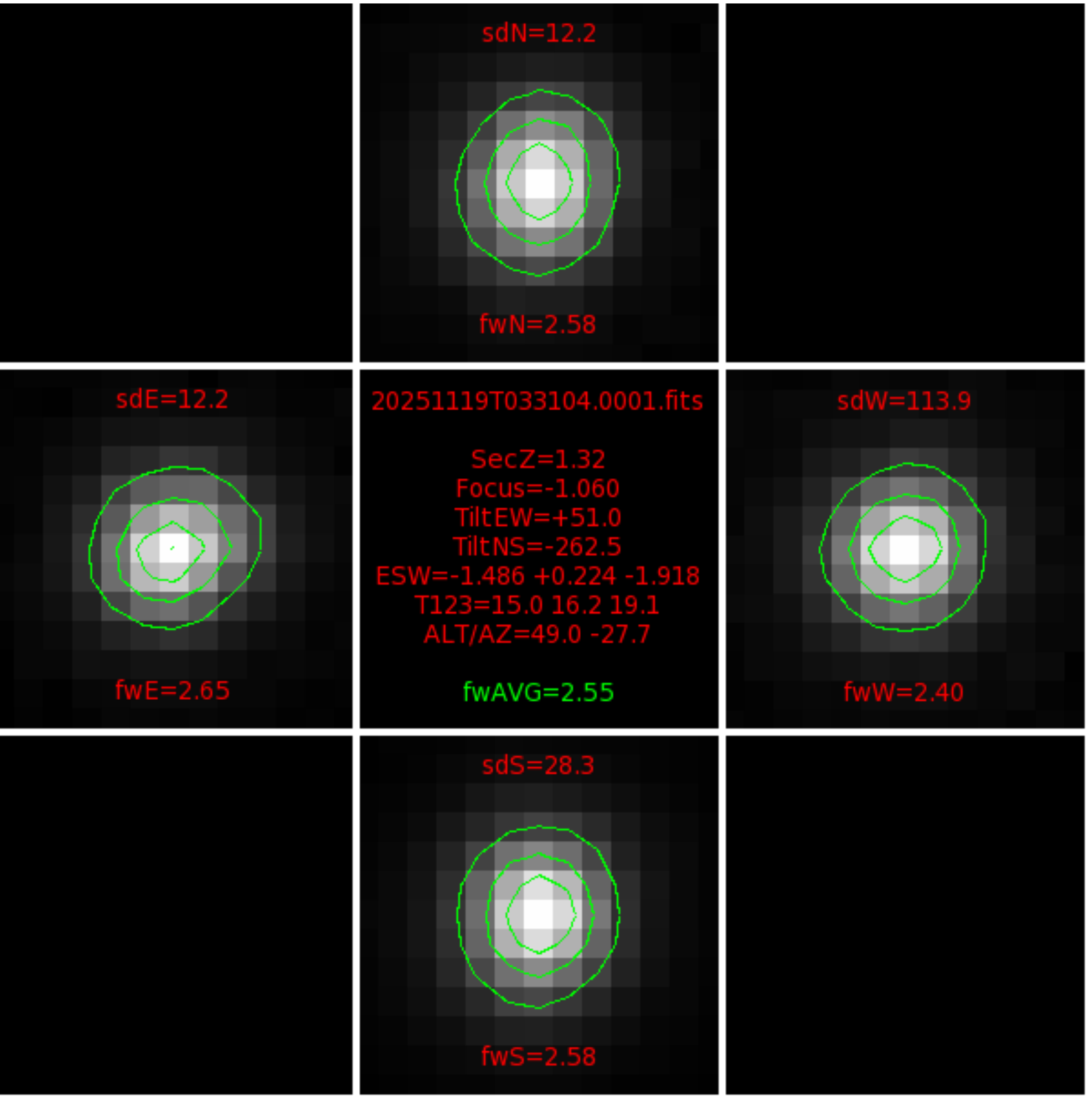
sdN=12.2
fwN=2.58
sdE=12.2
fwE=2.65
20251119T033104.0001.fits
SecZ=1.32
Focus=-1.060
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.486 +0.224 -1.918
T123=15.0 16.2 19.1
ALT/AZ=49.0 -27.7
fwAVG=2.55
sdW=113.9
fwW=2.40
sdS=28.3
fwS=2.58
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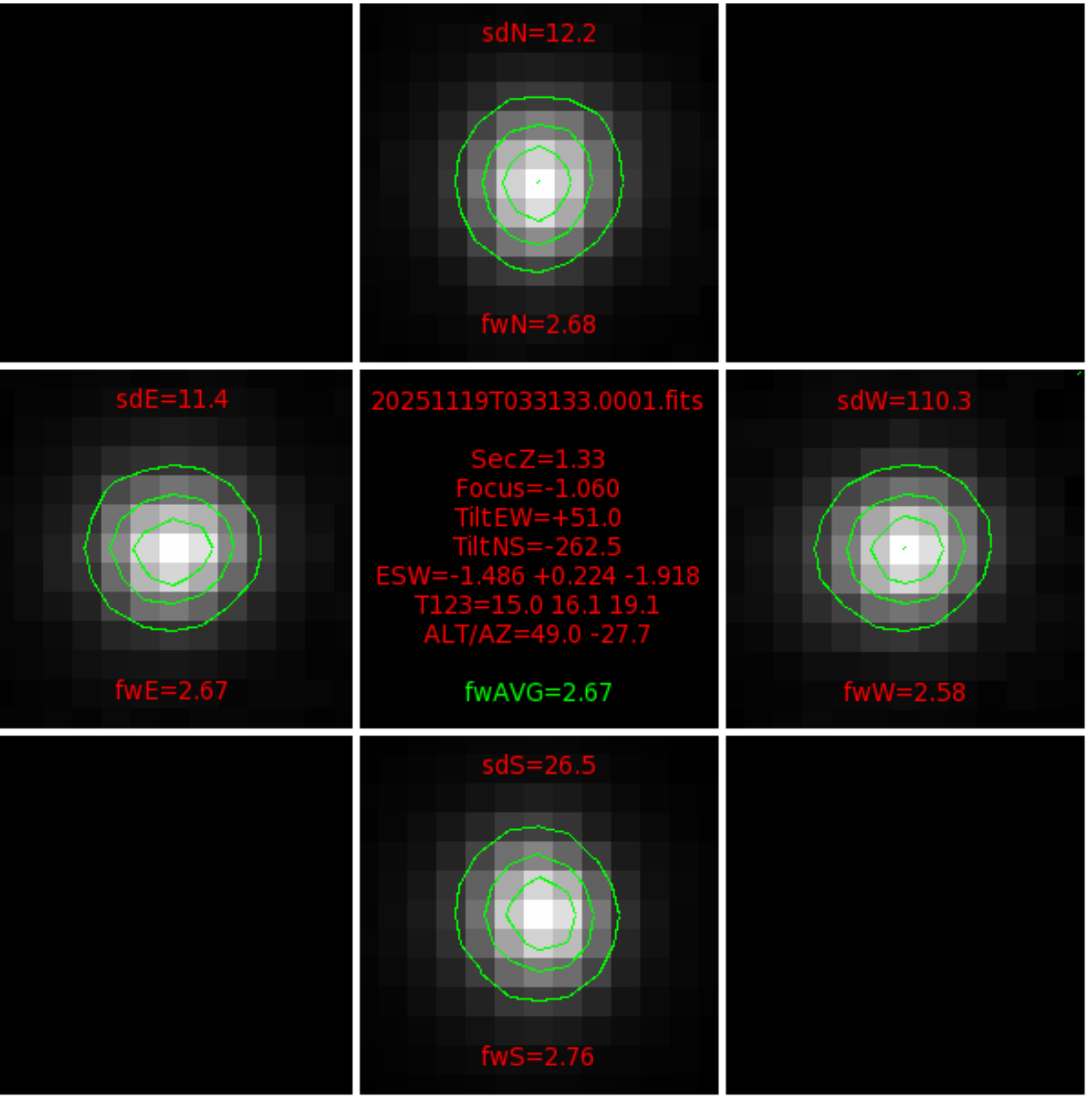
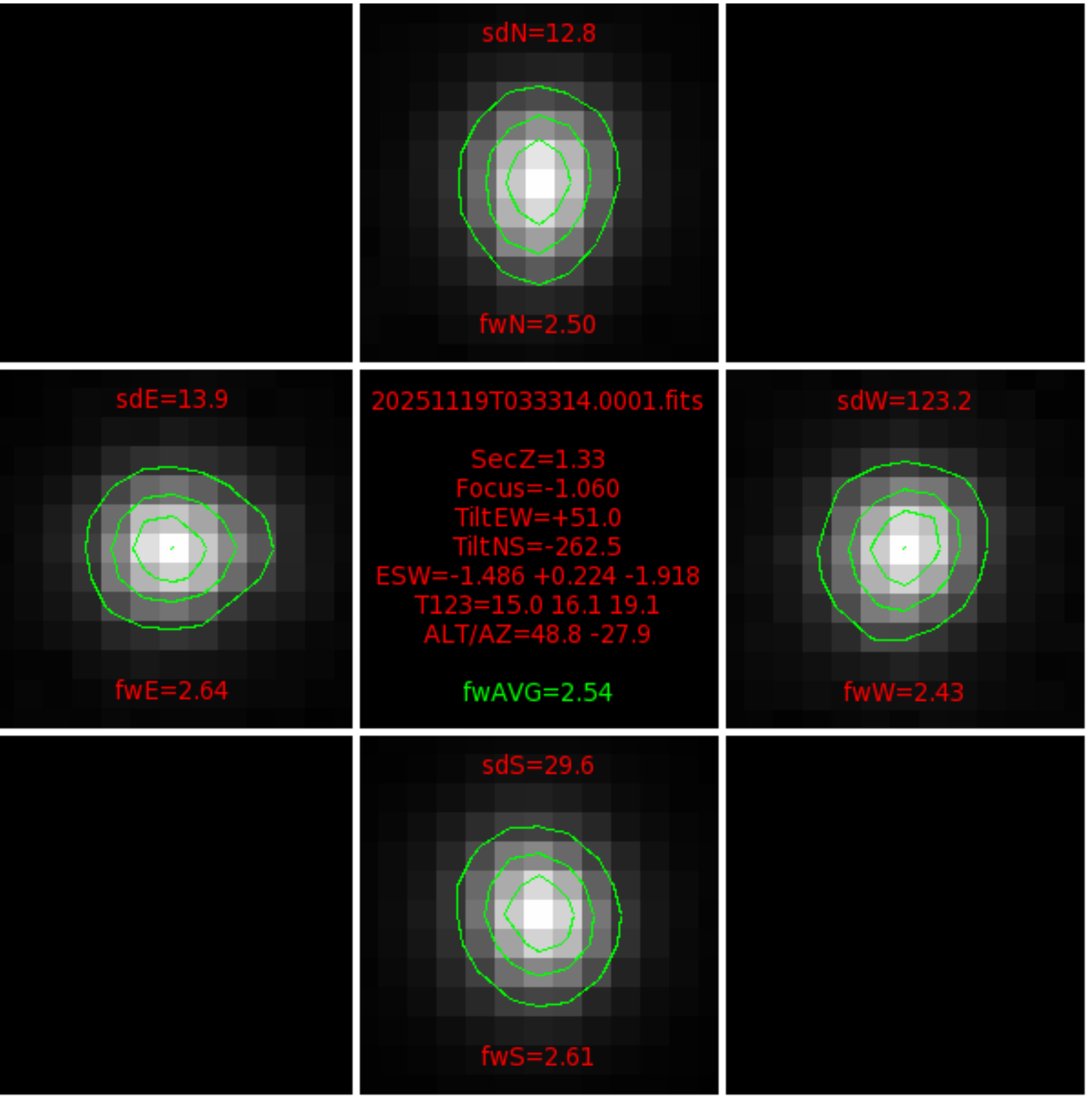
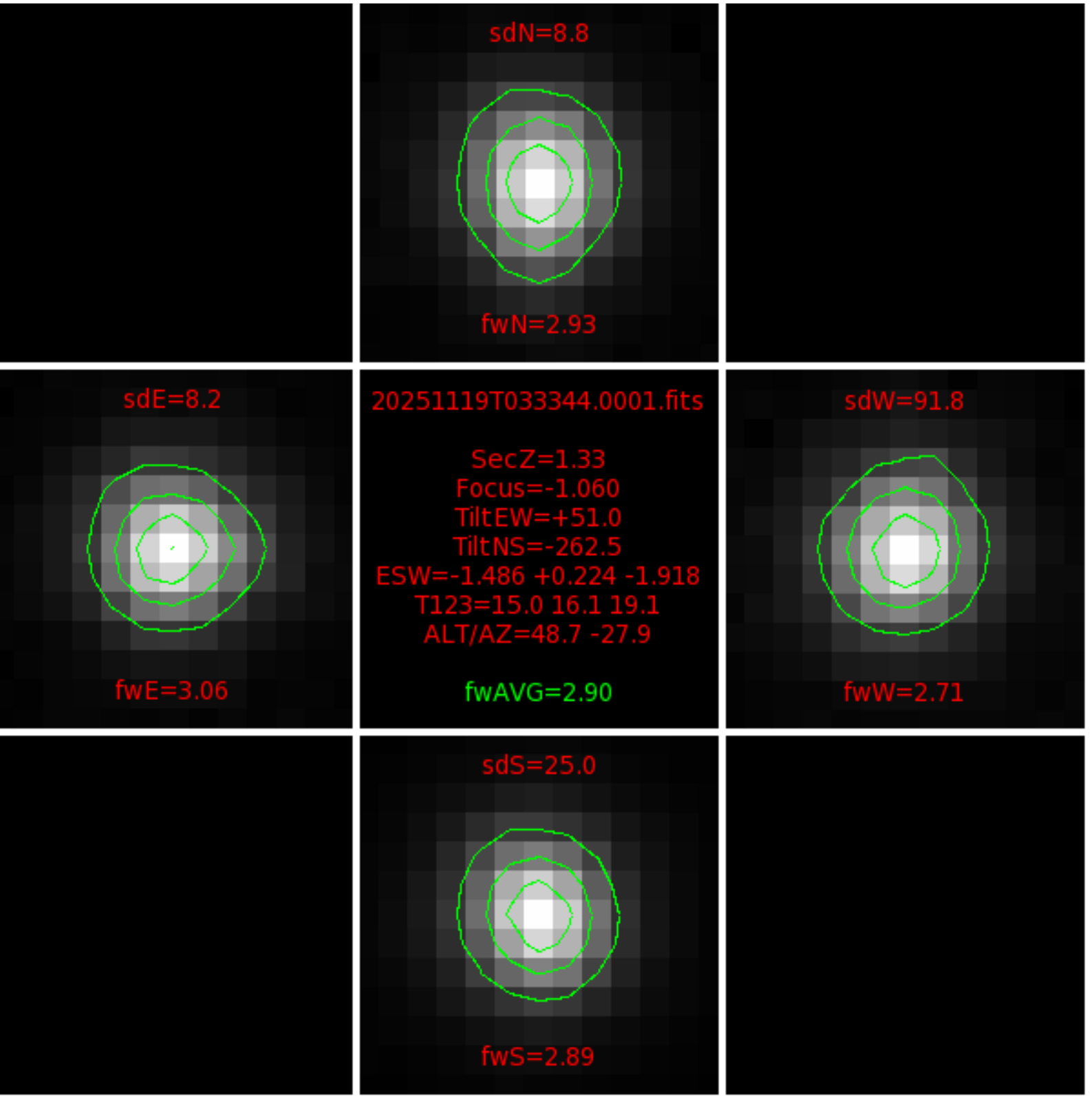
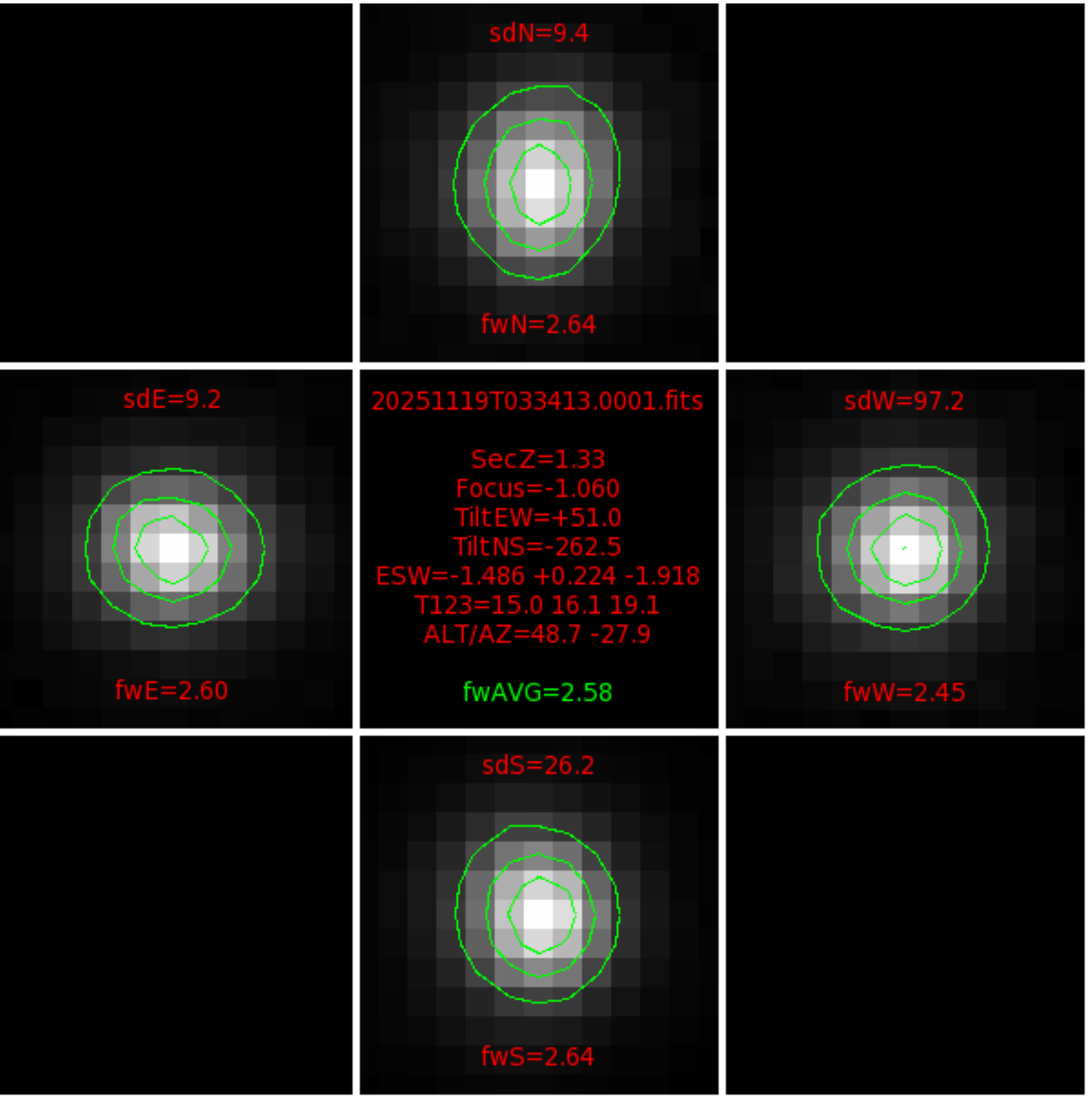
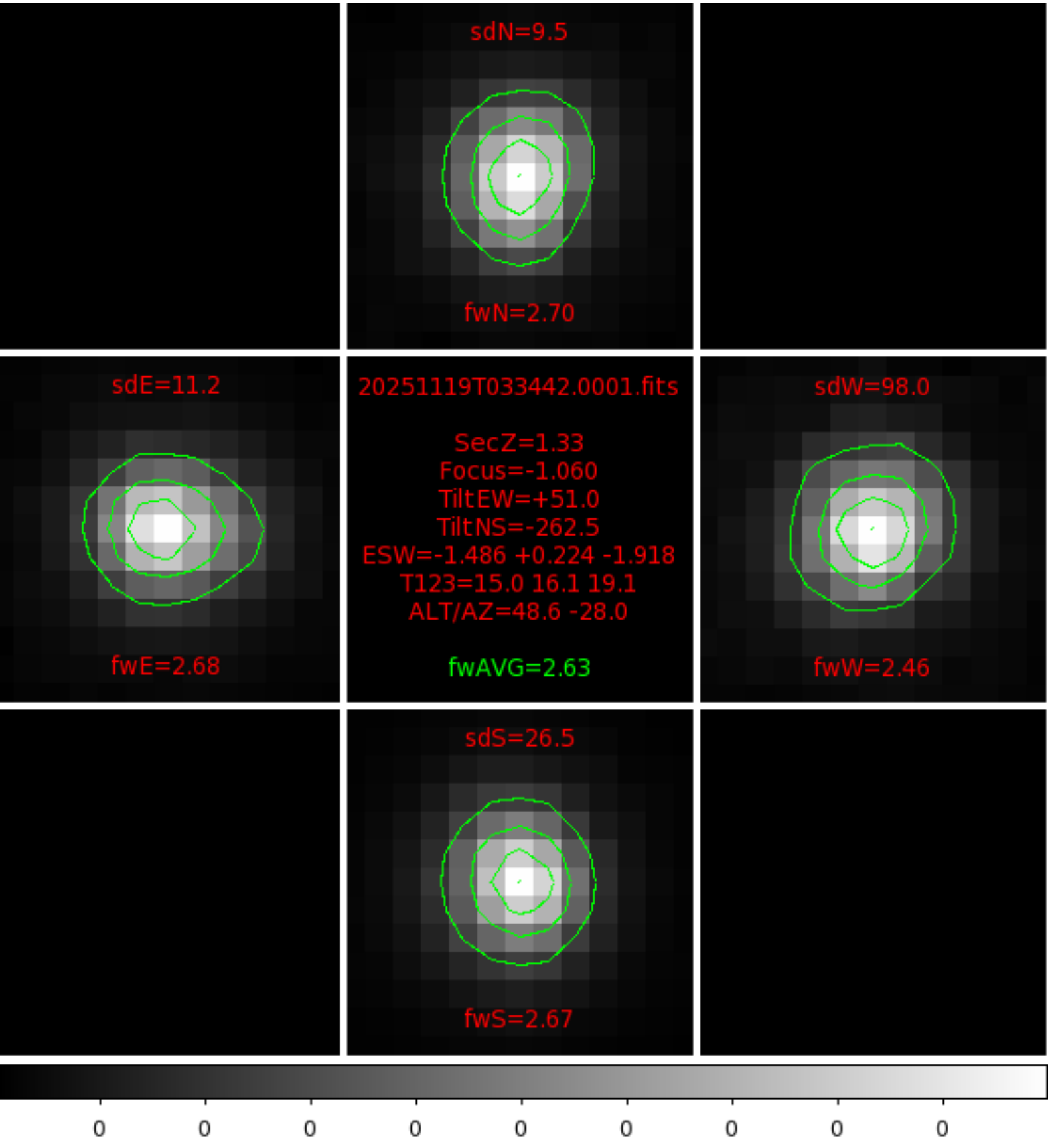
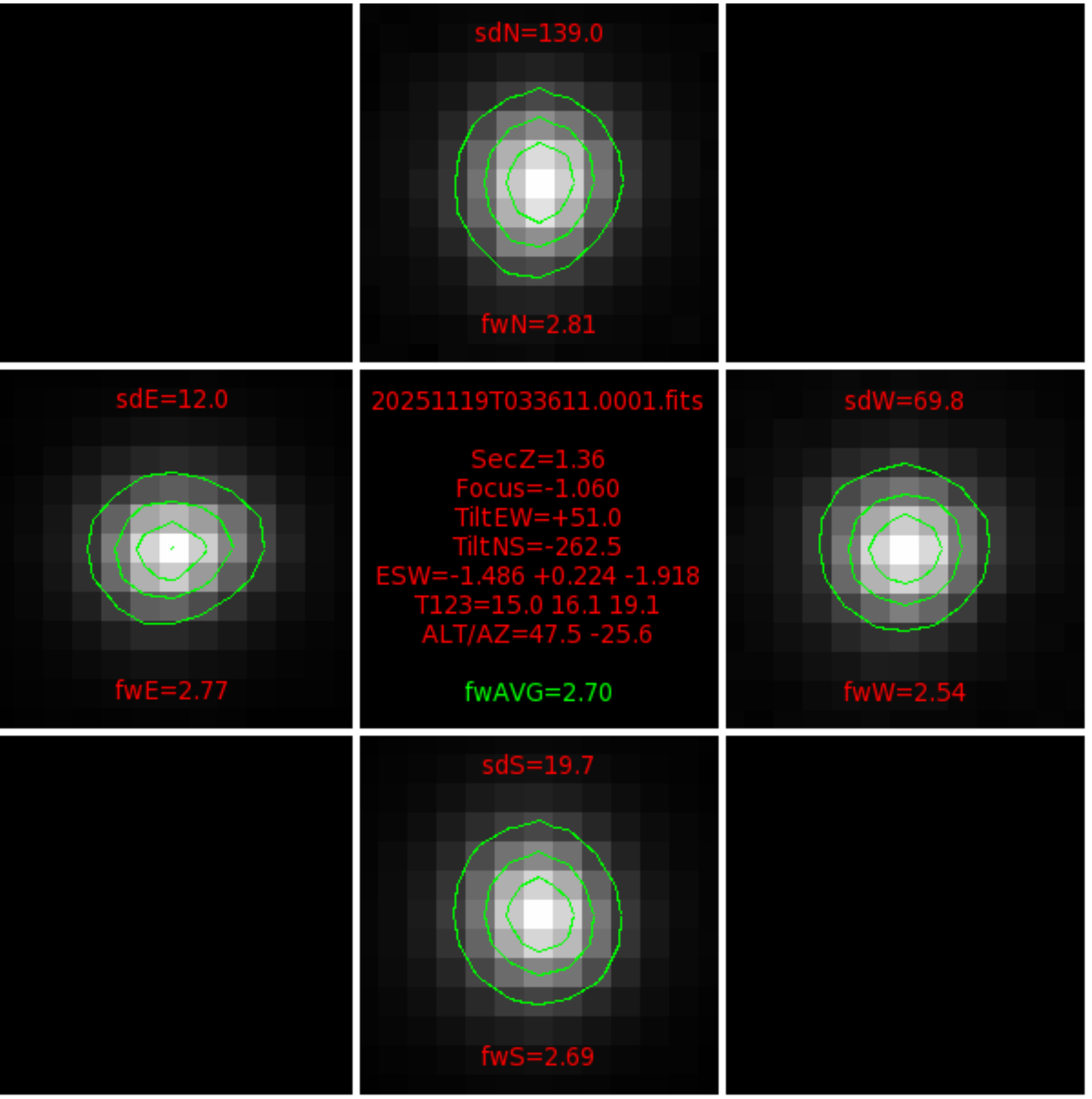

sdN=12.2
fwN=2.68
sdE=11.4
fwE=2.67
20251119T033133.0001.fits
SecZ=1.33
Focus=-1.060
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.486 +0.224 -1.918
T123=15.0 16.1 19.1
ALT/AZ=49.0 -27.7
fwAVG=2.67
sdW=110.3
fwW=2.58
sdS=26.5
fwS=2.76
0 0 0 0 0 0 0 0 0


sdN=12.8
fwN=2.50
sdE=13.9
fwE=2.64
20251119T033314.0001.fits
SecZ=1.33
Focus=-1.060
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.486 +0.224 -1.918
T123=15.0 16.1 19.1
ALT/AZ=48.8 -27.9
fwAVG=2.54
sdW=123.2
fwW=2.43
sdS=29.6
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=8.8
fwN=2.93
sdE=8.2
fwE=3.06
20251119T033344.0001.fits
SecZ=1.33
Focus=-1.060
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.486 +0.224 -1.918
T123=15.0 16.1 19.1
ALT/AZ=48.7 -27.9
fwAVG=2.90
sdW=91.8
fwW=2.71
sdS=25.0
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=9.4
fwN=2.64
sdE=9.2
fwE=2.60
20251119T033413.0001.fits
SecZ=1.33
Focus=-1.060
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.486 +0.224 -1.918
T123=15.0 16.1 19.1
ALT/AZ=48.7 -27.9
fwAVG=2.58
sdW=97.2
fwW=2.45
sdS=26.2
fwS=2.64
0 0 0 0 0 0 0 0 0


sdN=9.5
fwN=2.70
sdE=11.2
fwE=2.68
20251119T033442.0001.fits
SecZ=1.33
Focus=-1.060
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.486 +0.224 -1.918
T123=15.0 16.1 19.1
ALT/AZ=48.6 -28.0
fwAVG=2.63
sdW=98.0
fwW=2.46
sdS=26.5
fwS=2.67
0 0 0 0 0 0 0 0 0


sdN=139.0
fwN=2.81
sdE=12.0
fwE=2.77
20251119T033611.0001.fits
SecZ=1.36
Focus=-1.060
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.486 +0.224 -1.918
T123=15.0 16.1 19.1
ALT/AZ=47.5 -25.6
fwAVG=2.70
sdW=69.8
fwW=2.54
sdS=19.7
fwS=2.69
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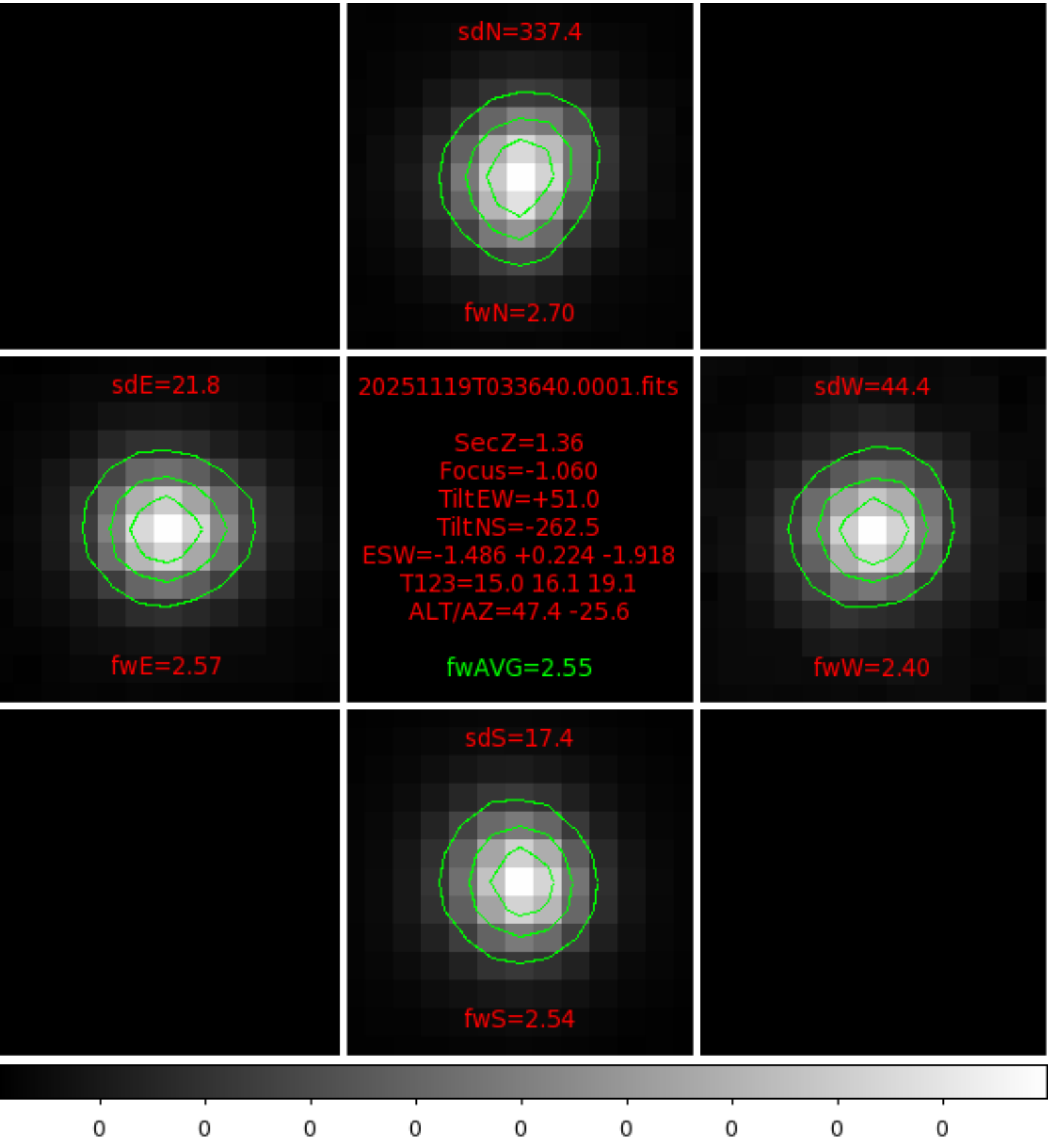
sdN=337.4
fwN=2.70
sdE=21.8
fwE=2.57
20251119T033640.0001.fits
SecZ=1.36
Focus=-1.060
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.486 +0.224 -1.918
T123=15.0 16.1 19.1
ALT/AZ=47.4 -25.6
fwAVG=2.55
sdW=44.4
fwW=2.40
sdS=17.4
fwS=2.54
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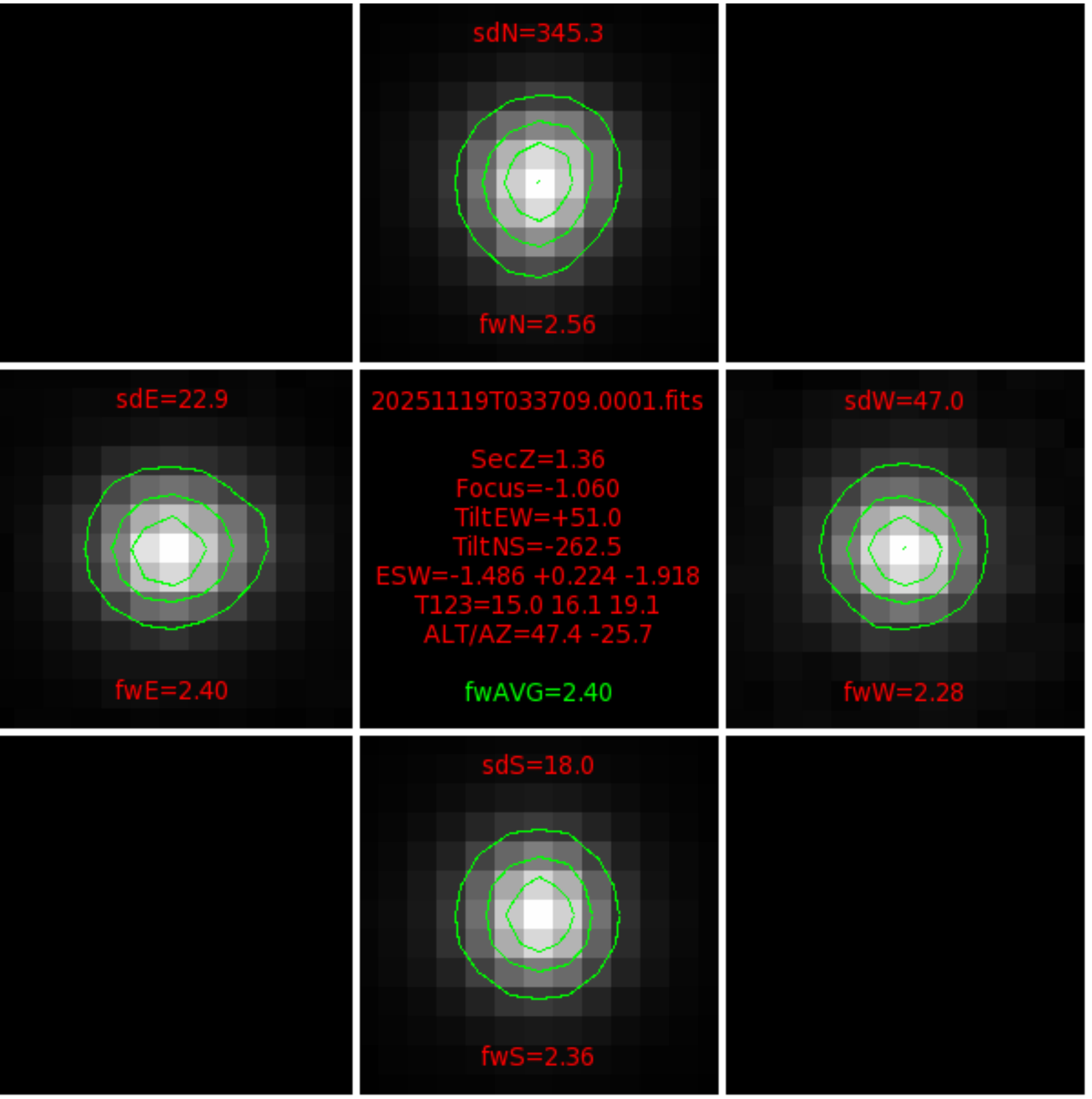
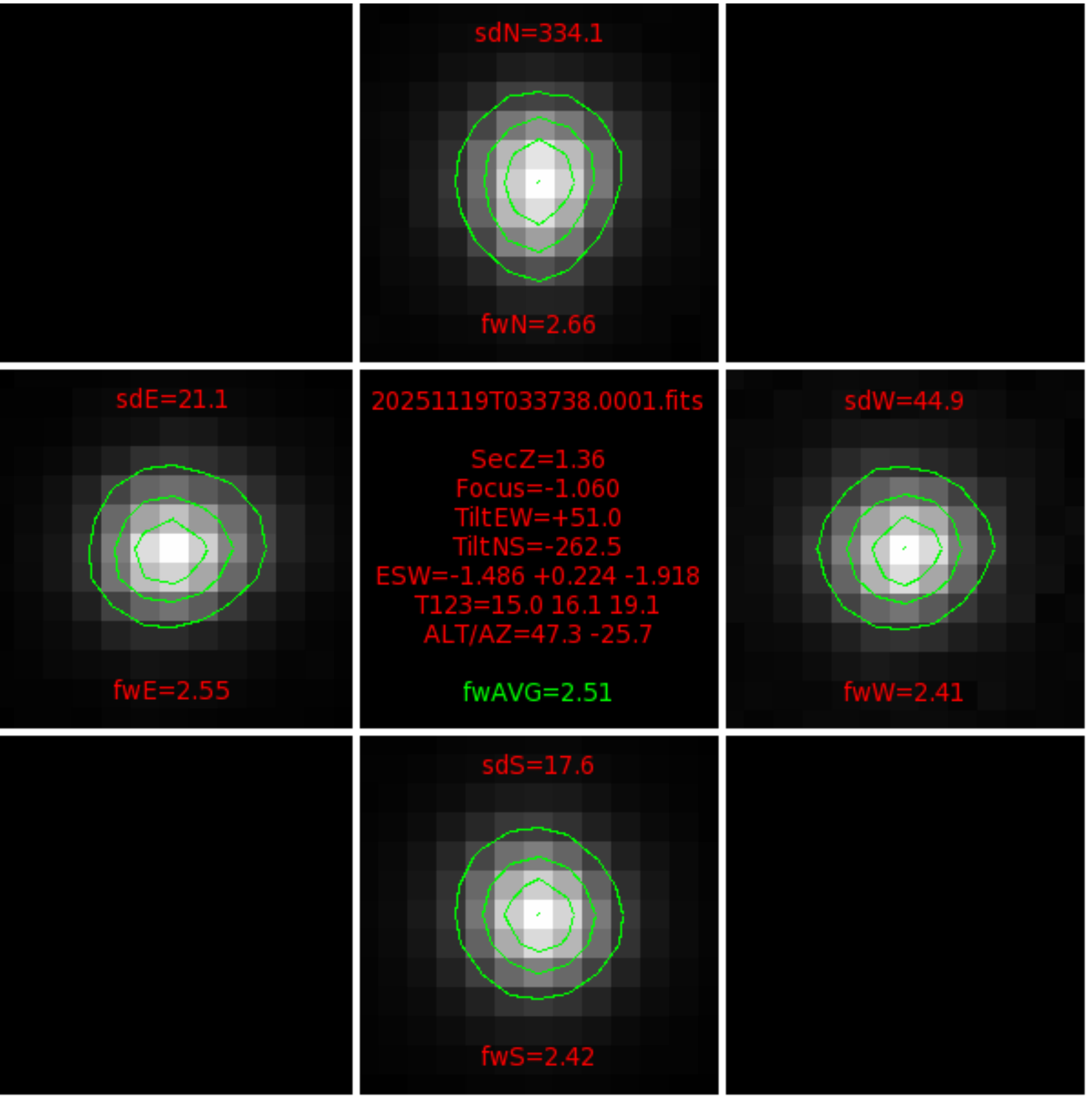
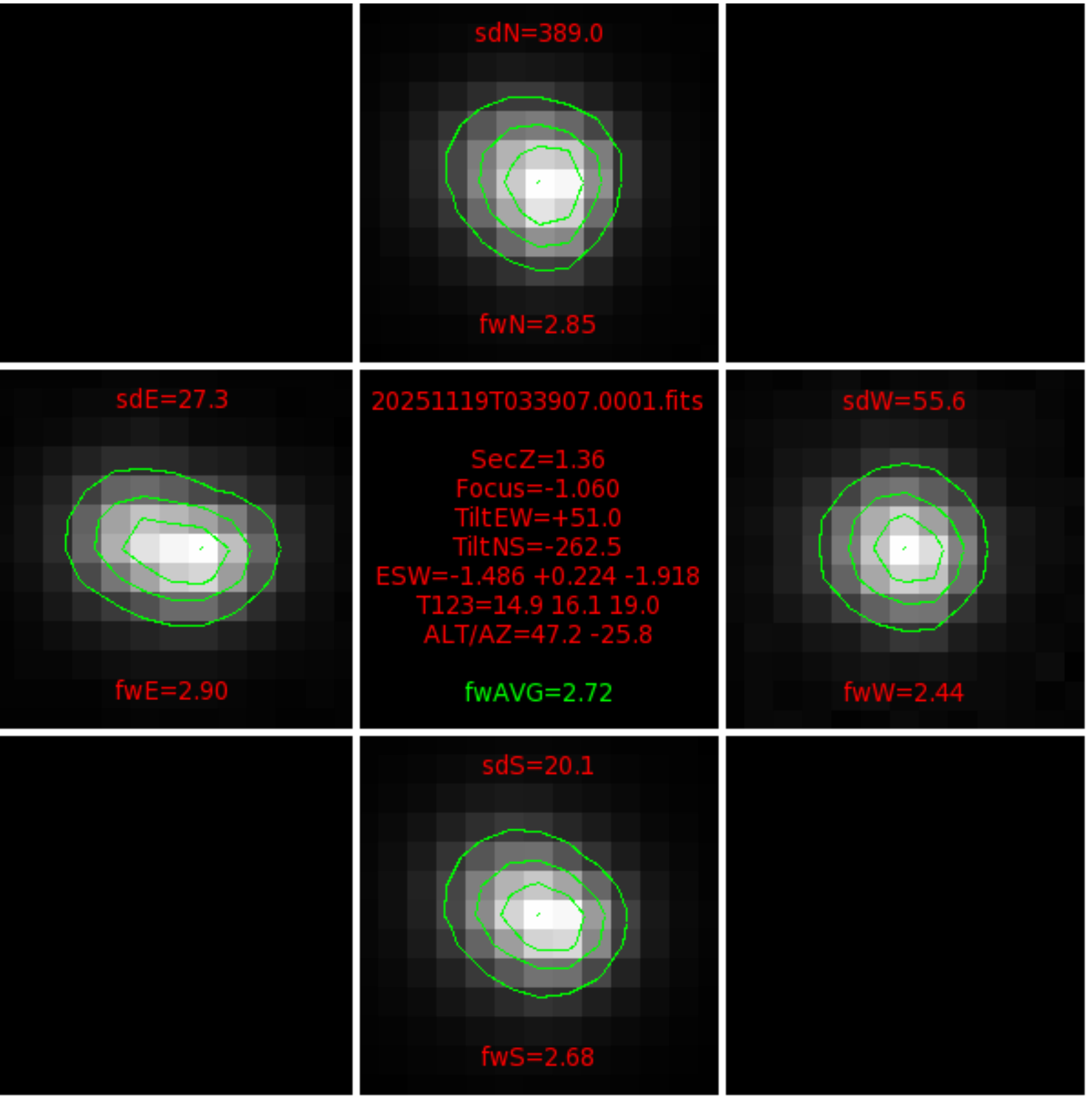
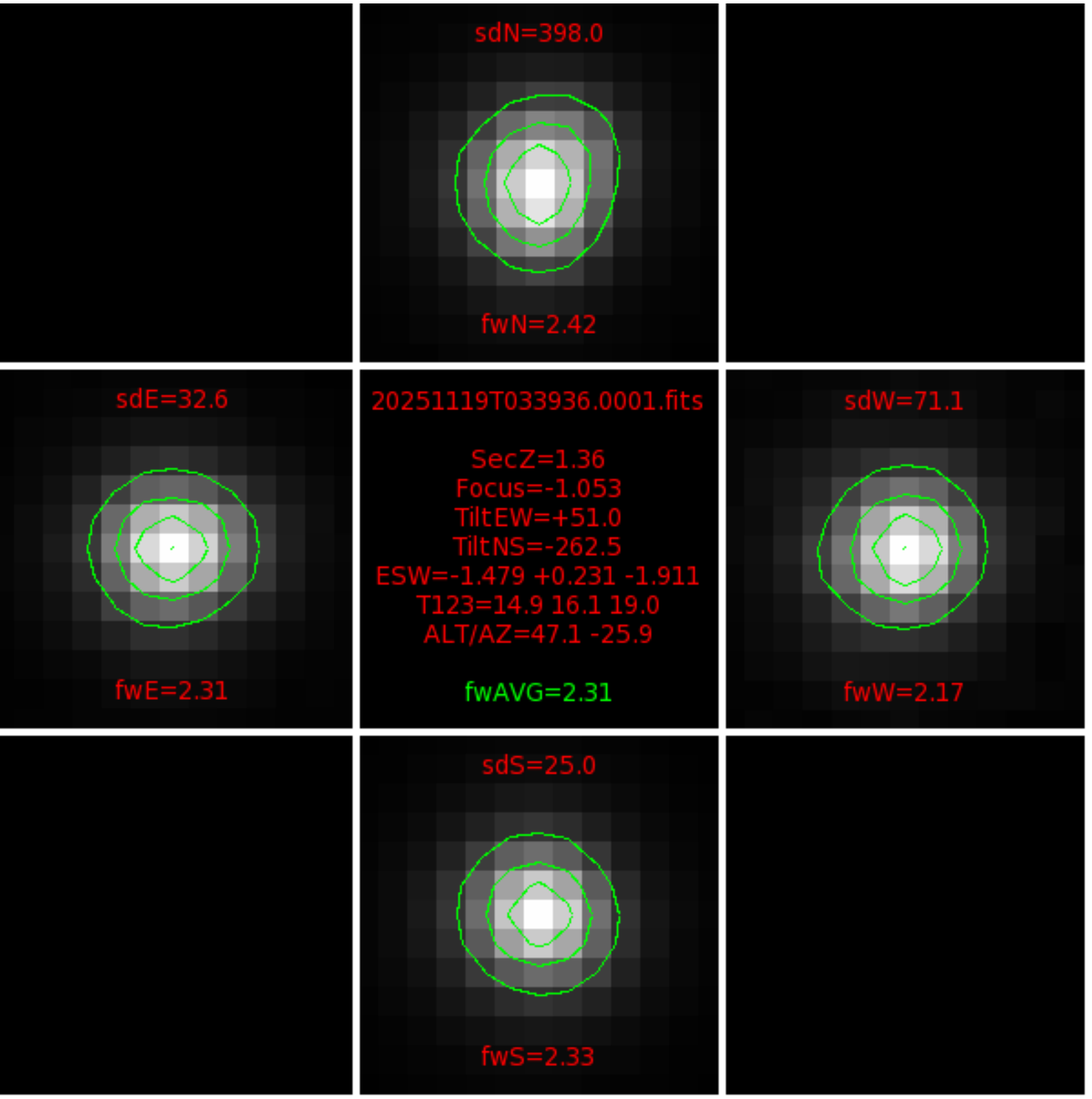

sdN=345.3
fwN=2.56
sdE=22.9
fwE=2.40
20251119T033709.0001.fits
SecZ=1.36
Focus=-1.060
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.486 +0.224 -1.918
T123=15.0 16.1 19.1
ALT/AZ=47.4 -25.7
fwAVG=2.40
sdW=47.0
fwW=2.28
sdS=18.0
fwS=2.36
0 0 0 0 0 0 0 0 0


sdN=334.1
fwN=2.66
sdE=21.1
fwE=2.55
20251119T033738.0001.fits
SecZ=1.36
Focus=-1.060
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.486 +0.224 -1.918
T123=15.0 16.1 19.1
ALT/AZ=47.3 -25.7
fwAVG=2.51
sdW=44.9
fwW=2.41
sdS=17.6
fwS=2.42
0 0 0 0 0 0 0 0 0


sdN=389.0
fwN=2.85
sdE=27.3
fwE=2.90
20251119T033907.0001.fits
SecZ=1.36
Focus=-1.060
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.486 +0.224 -1.918
T123=14.9 16.1 19.0
ALT/AZ=47.2 -25.8
fwAVG=2.72
sdW=55.6
fwW=2.44
sdS=20.1
fwS=2.68
0 0 0 0 0 0 0 0 0


sdN=398.0
fwN=2.42
sdE=32.6
fwE=2.31
20251119T033936.0001.fits
SecZ=1.36
Focus=-1.053
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.479 +0.231 -1.911
T123=14.9 16.1 19.0
ALT/AZ=47.1 -25.9
fwAVG=2.31
sdW=71.1
fwW=2.17
sdS=25.0
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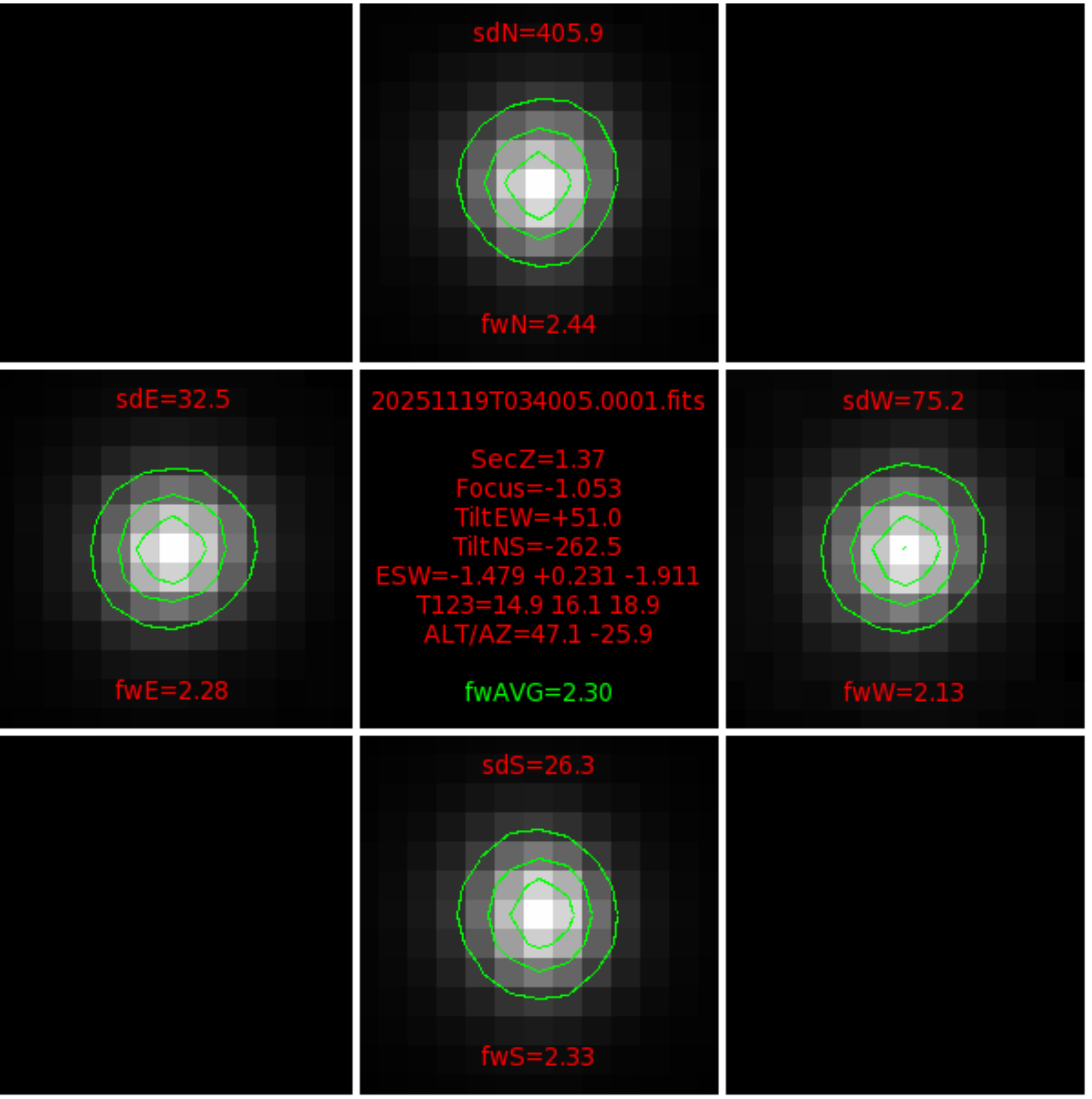
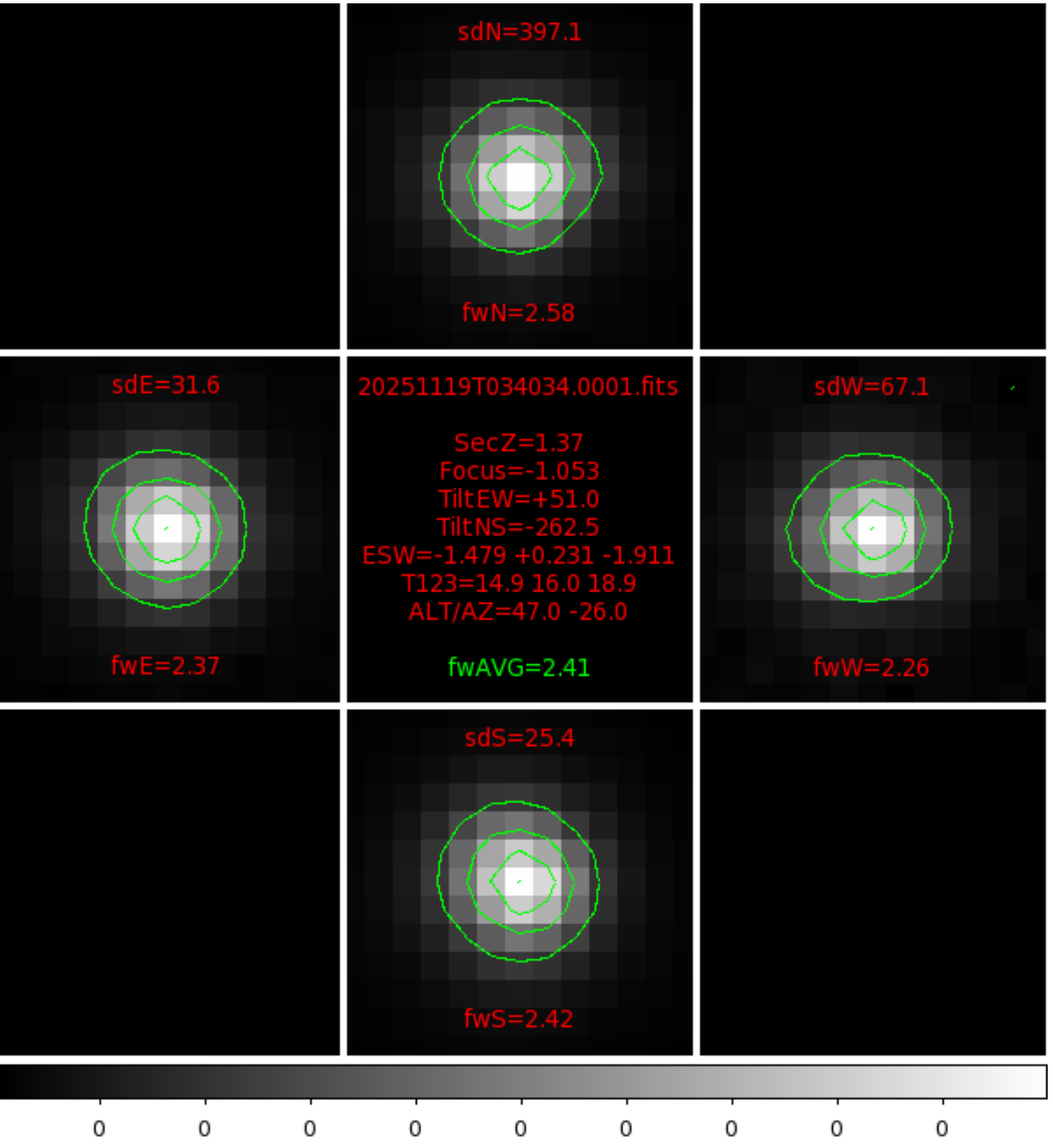

sdN=405.9
fwN=2.44
sdE=32.5
fwE=2.28
20251119T034005.0001.fits
SecZ=1.37
Focus=-1.053
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.479 +0.231 -1.911
T123=14.9 16.1 18.9
ALT/AZ=47.1 -25.9
fwAVG=2.30
sdW=75.2
fwW=2.13
sdS=26.3
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=397.1
fwN=2.58
sdE=31.6
fwE=2.37
20251119T034034.0001.fits
SecZ=1.37
Focus=-1.053
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.479 +0.231 -1.911
T123=14.9 16.0 18.9
ALT/AZ=47.0 -26.0
fwAVG=2.41
sdW=67.1
fwW=2.26
sdS=25.4
fwS=2.42
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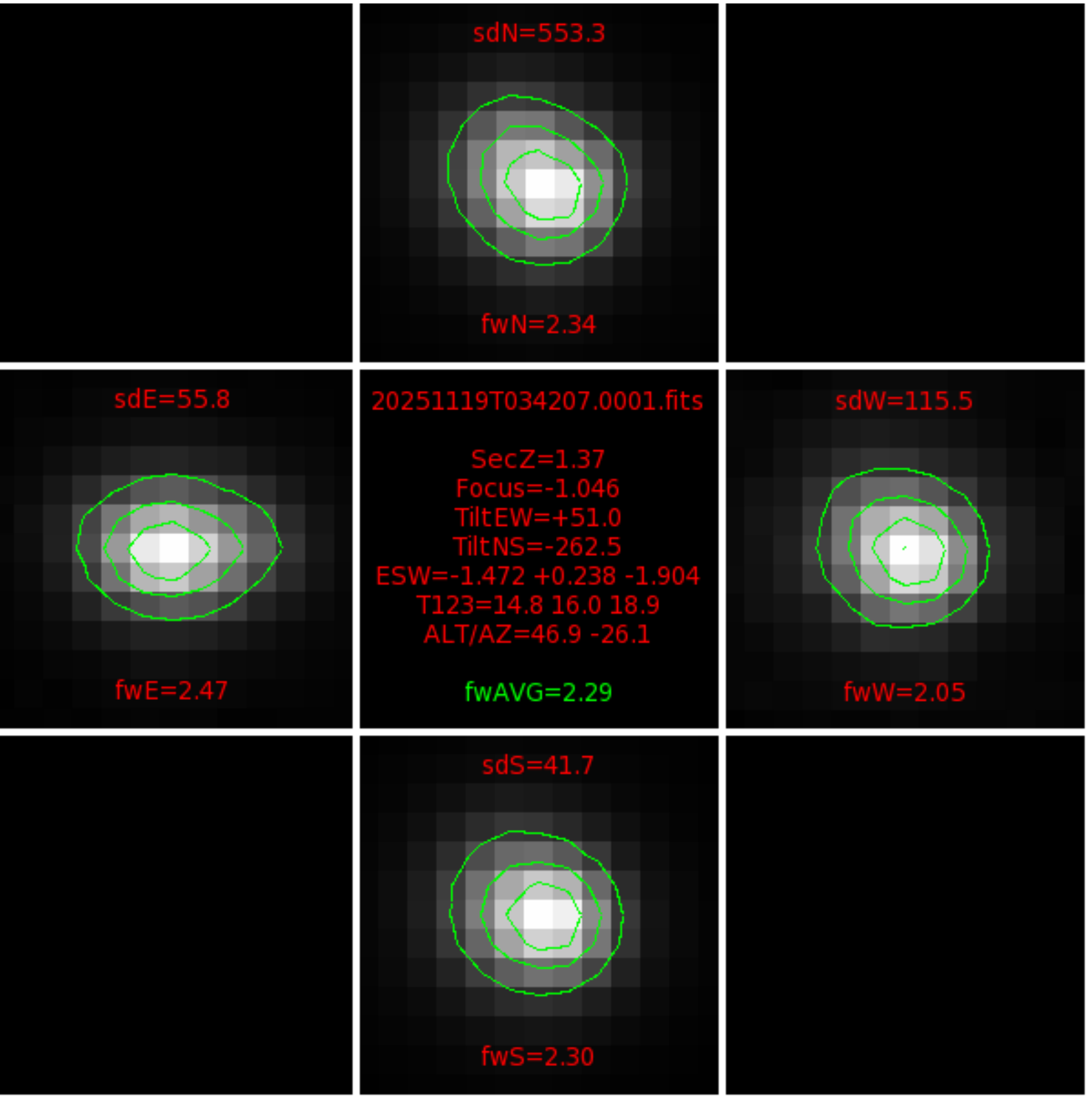
sdN=553.3
fwN=2.34
sdE=55.8
fwE=2.47
20251119T034207.0001.fits
SecZ=1.37
Focus=-1.046
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.472 +0.238 -1.904
T123=14.8 16.0 18.9
ALT/AZ=46.9 -26.1
fwAVG=2.29
sdW=115.5
fwW=2.05
sdS=41.7
fwS=2.30
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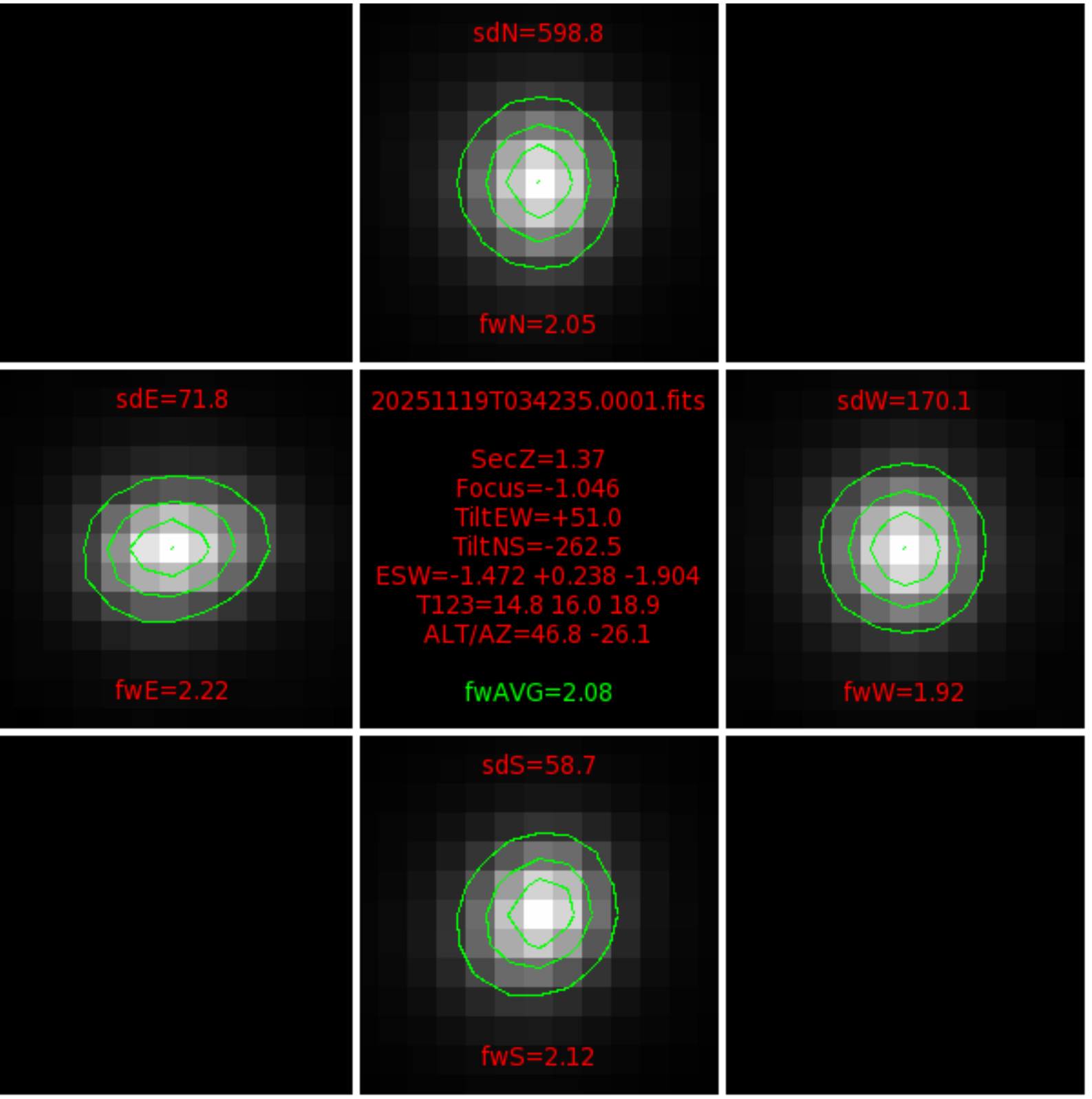
sdN=598.8
fwN=2.05
sdE=71.8
fwE=2.22
20251119T034235.0001.fits
SecZ=1.37
Focus=-1.046
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.472 +0.238 -1.904
T123=14.8 16.0 18.9
ALT/AZ=46.8 -26.1
fwAVG=2.08
sdW=170.1
fwW=1.92
sdS=58.7
fwS=2.12
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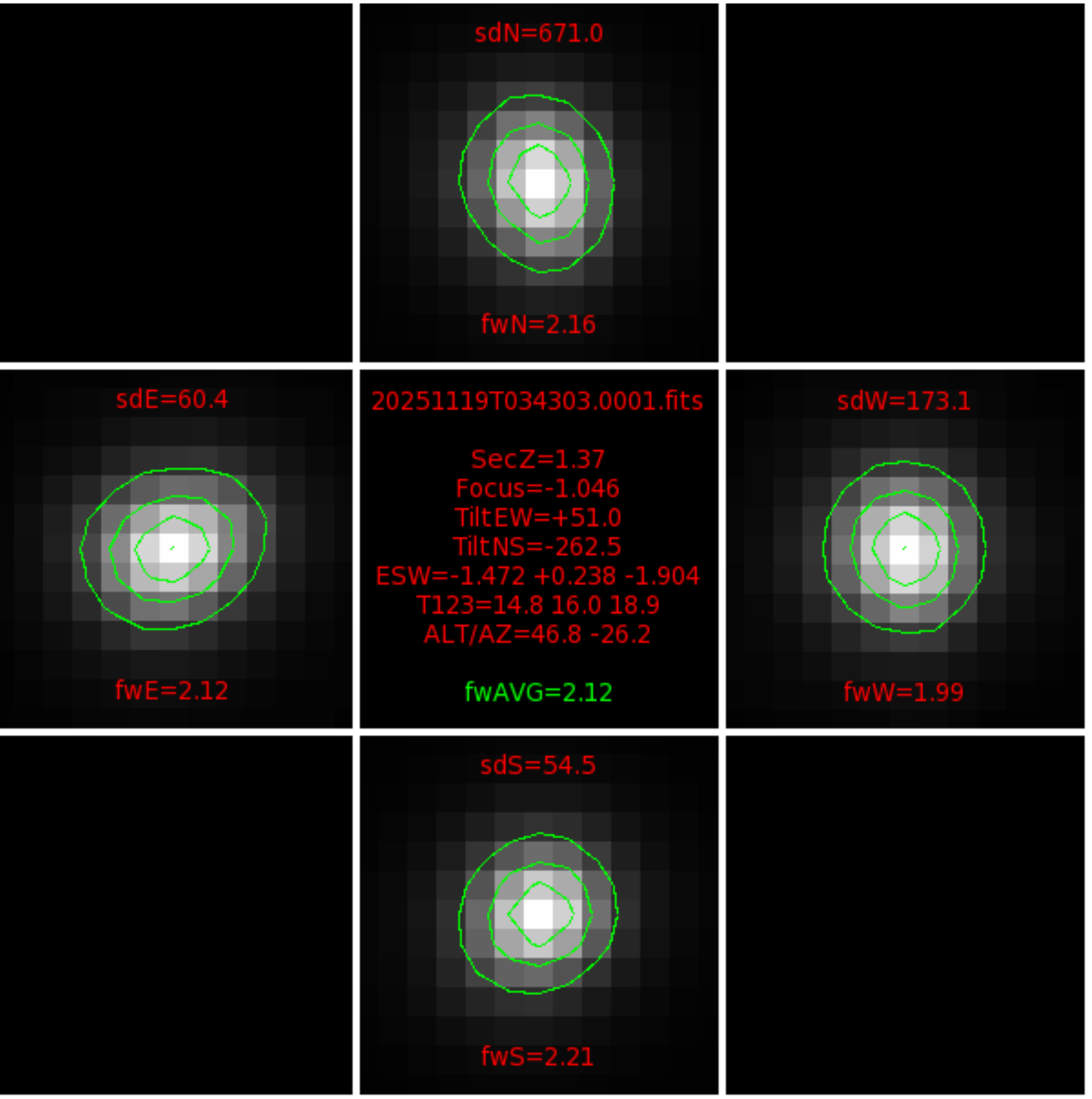
sdN=671.0
fwN=2.16
sdE=60.4
fwE=2.12
20251119T034303.0001.fits
SecZ=1.37
Focus=-1.046
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.472 +0.238 -1.904
T123=14.8 16.0 18.9
ALT/AZ=46.8 -26.2
fwAVG=2.12
sdW=173.1
fwW=1.99
sdS=54.5
fwS=2.21
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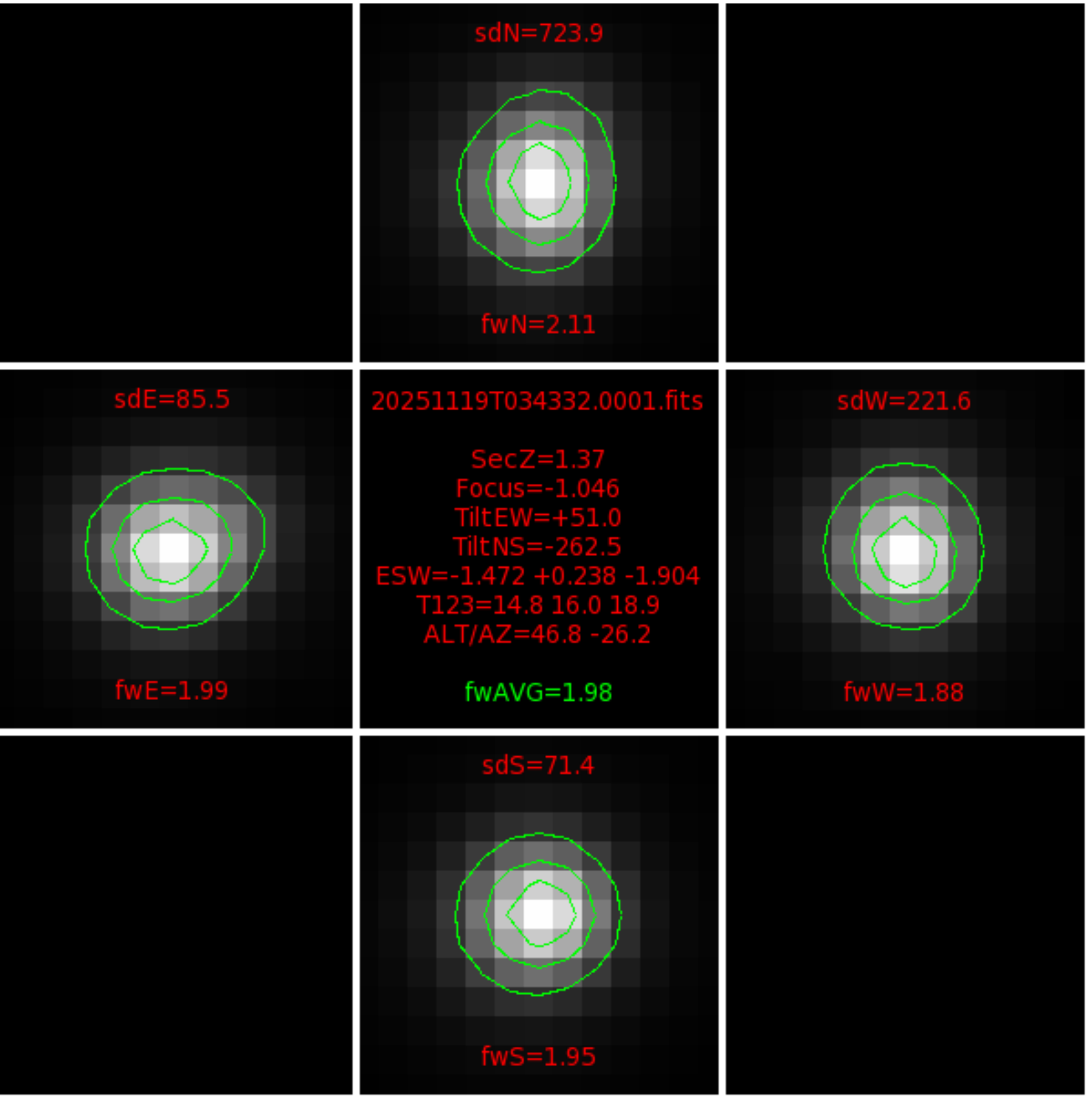
sdN=723.9
fwN=2.11
sdE=85.5
fwE=1.99
20251119T034332.0001.fits
SecZ=1.37
Focus=-1.046
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.472 +0.238 -1.904
T123=14.8 16.0 18.9
ALT/AZ=46.8 -26.2
fwAVG=1.98
sdW=221.6
fwW=1.88
sdS=71.4
fwS=1.95
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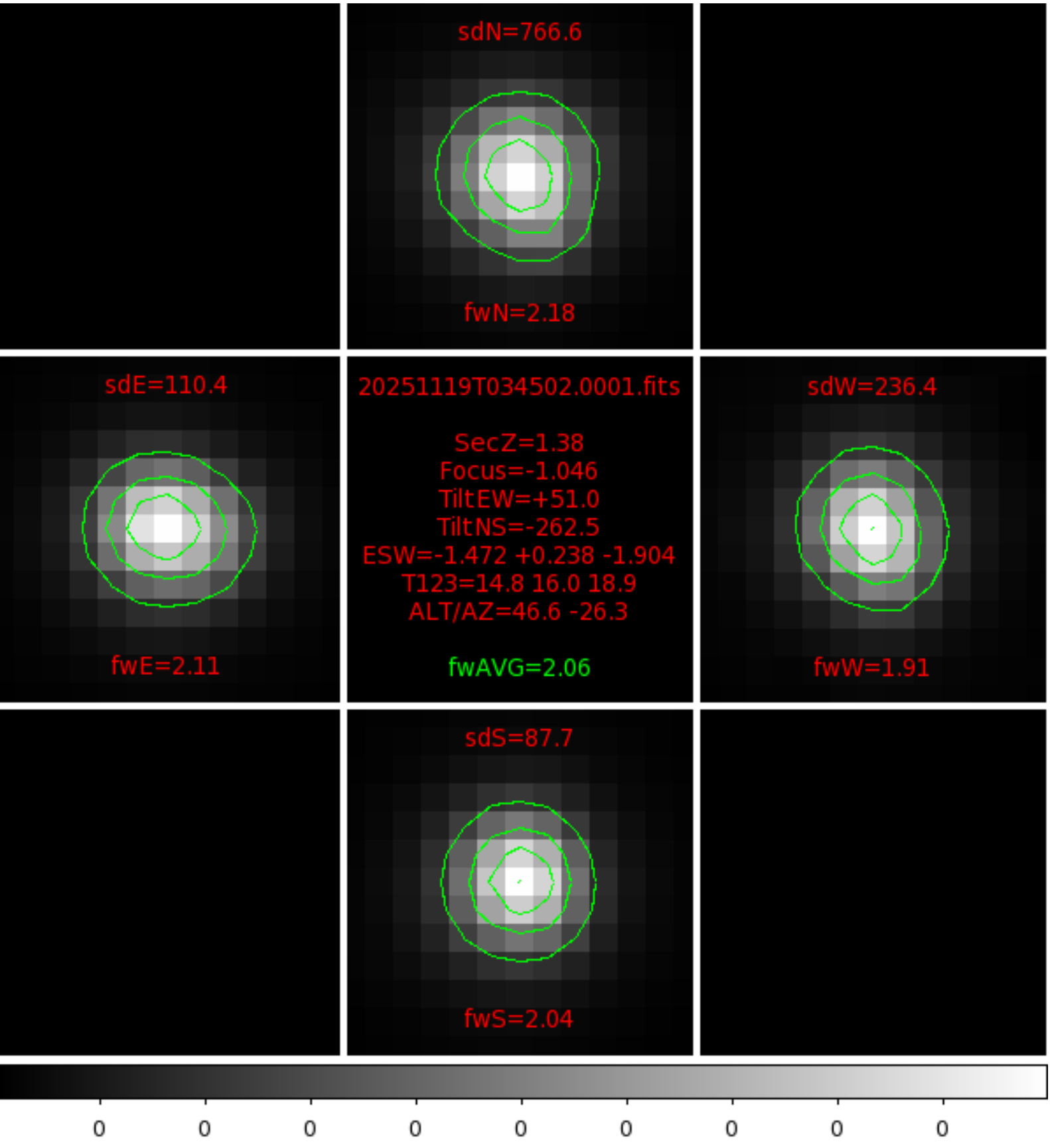
sdN=766.6
fwN=2.18
sdE=110.4
fwE=2.11
20251119T034502.0001.fits
SecZ=1.38
Focus=-1.046
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.472 +0.238 -1.904
T123=14.8 16.0 18.9
ALT/AZ=46.6 -26.3
fwAVG=2.06
sdW=236.4
fwW=1.91
sdS=87.7
fwS=2.04
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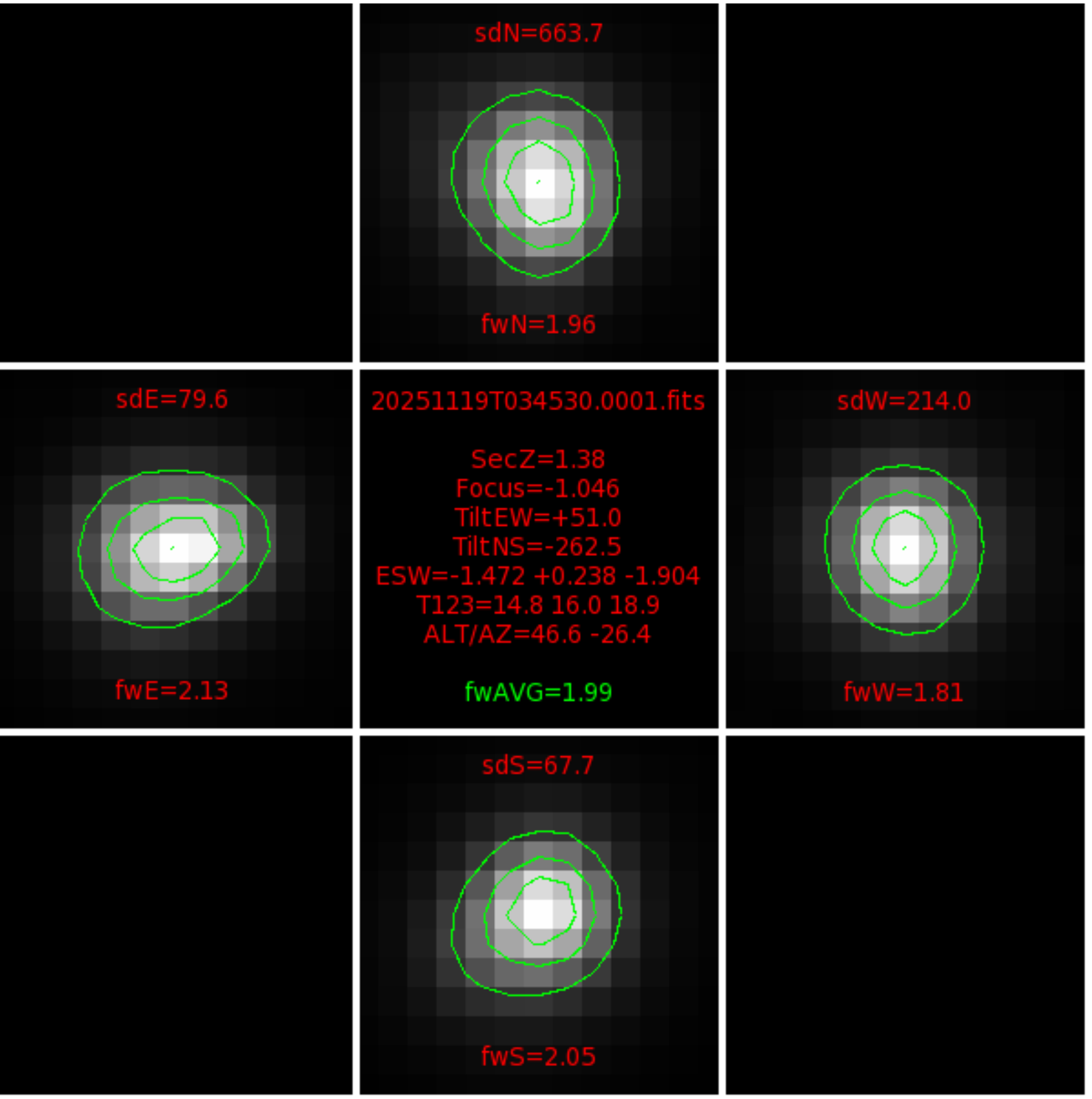
sdN=663.7
fwN=1.96
sdE=79.6
fwE=2.13
20251119T034530.0001.fits
SecZ=1.38
Focus=-1.046
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.472 +0.238 -1.904
T123=14.8 16.0 18.9
ALT/AZ=46.6 -26.4
fwAVG=1.99
sdW=214.0
fwW=1.81
sdS=67.7
fwS=2.05
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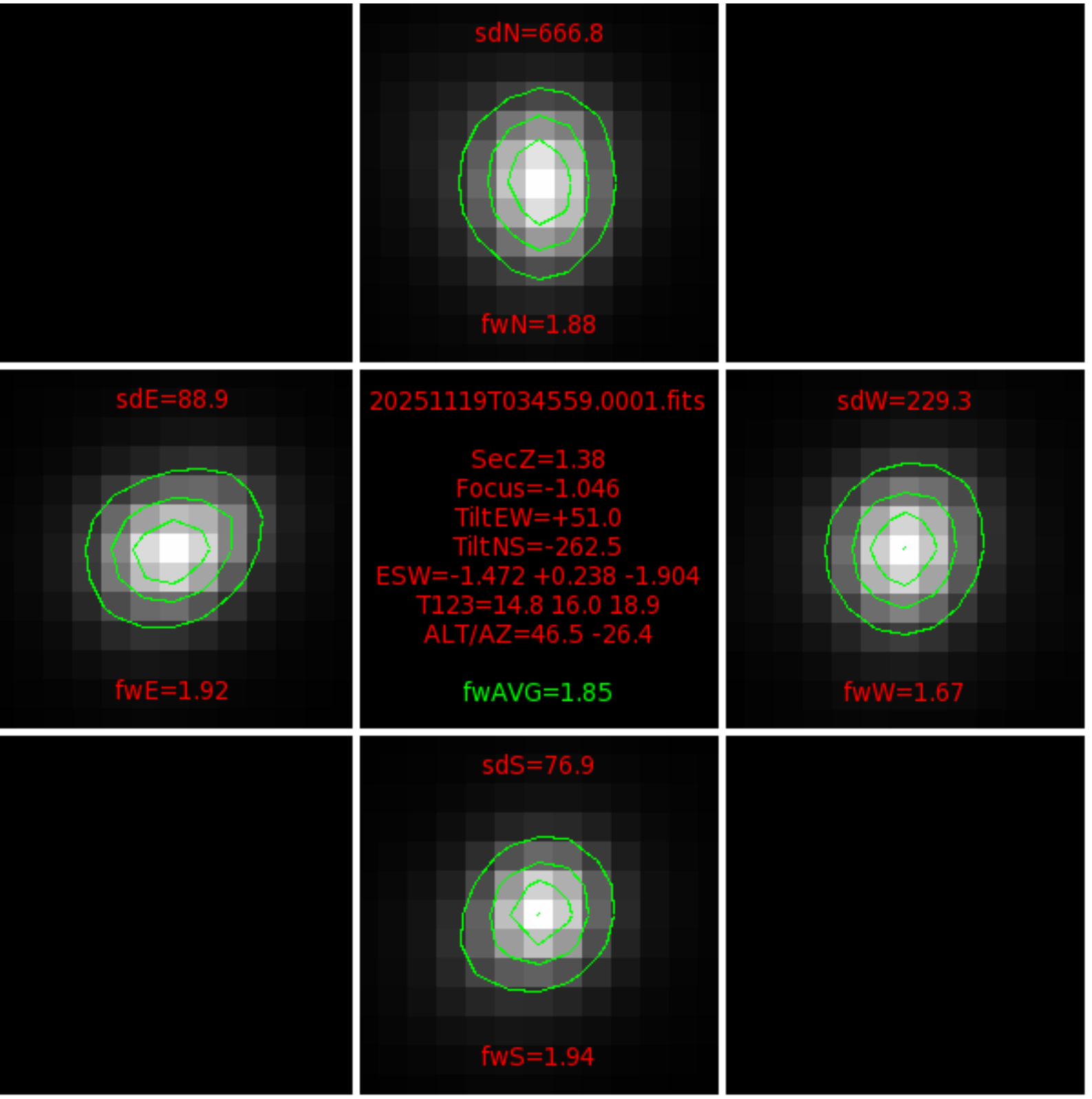
sdN=666.8
fwN=1.88
sdE=88.9
fwE=1.92
20251119T034559.0001.fits
SecZ=1.38
Focus=-1.046
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.472 +0.238 -1.904
T123=14.8 16.0 18.9
ALT/AZ=46.5 -26.4
fwAVG=1.85
sdW=229.3
fwW=1.67
sdS=76.9
fwS=1.94
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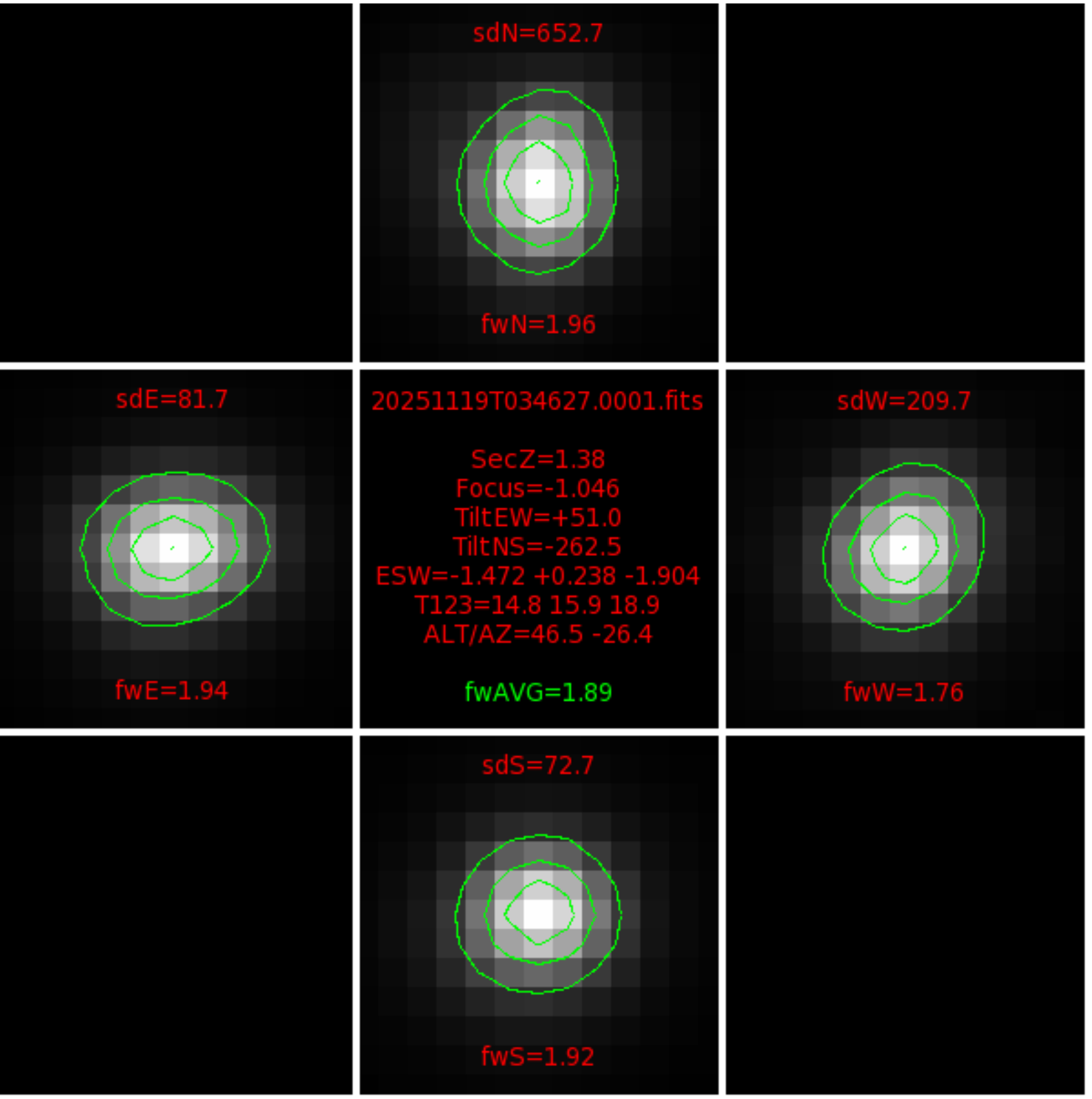
sdN=652.7
fwN=1.96
sdE=81.7
fwE=1.94
20251119T034627.0001.fits
SecZ=1.38
Focus=-1.046
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.472 +0.238 -1.904
T123=14.8 15.9 18.9
ALT/AZ=46.5 -26.4
fwAVG=1.89
sdW=209.7
fwW=1.76
sdS=72.7
fwS=1.92
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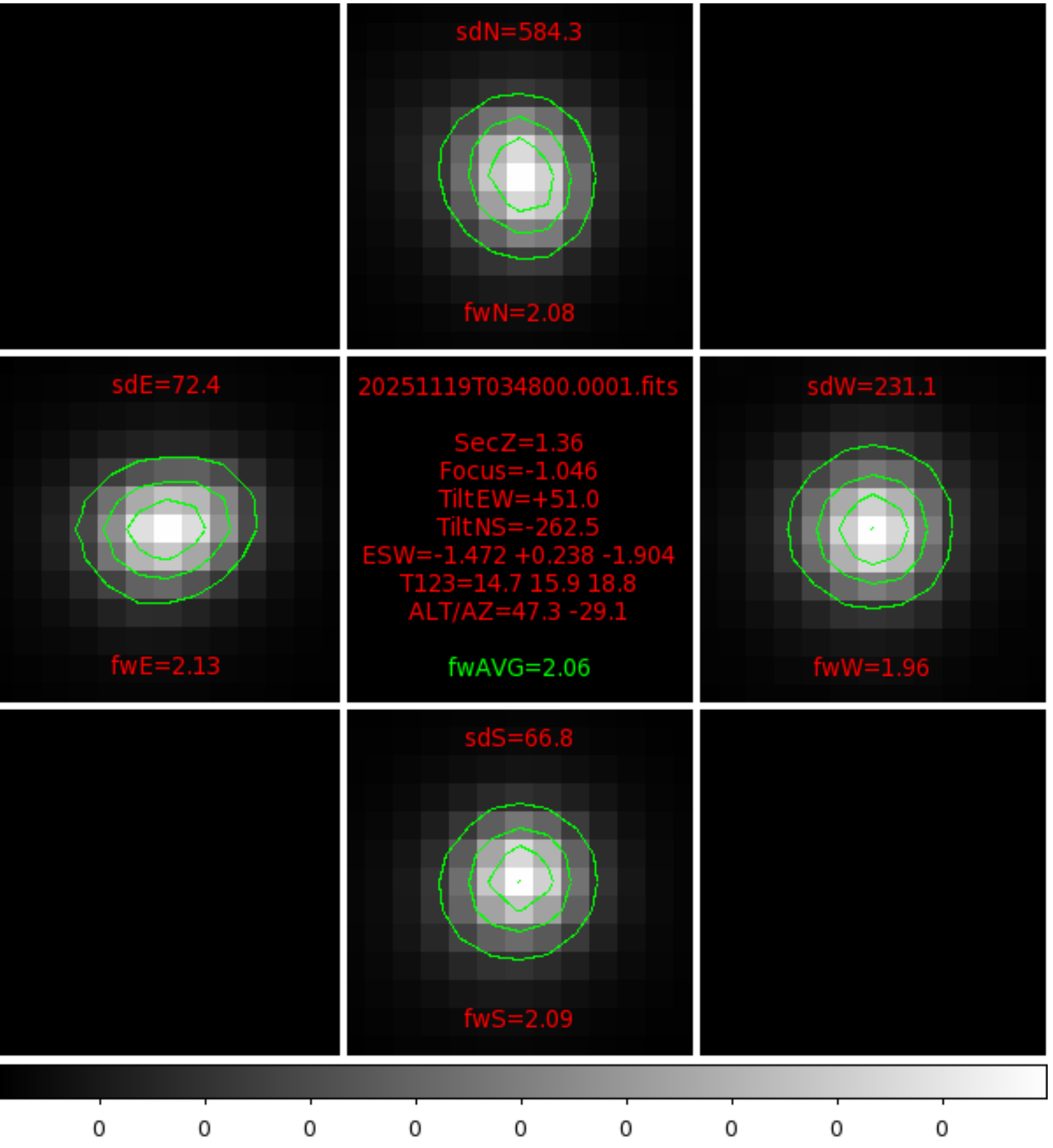
sdN=584.3
fwN=2.08
sdE=72.4
fwE=2.13
20251119T034800.0001.fits
SecZ=1.36
Focus=-1.046
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.472 +0.238 -1.904
T123=14.7 15.9 18.8
ALT/AZ=47.3 -29.1
fwAVG=2.06
sdW=231.1
fwW=1.96
sdS=66.8
fwS=2.09
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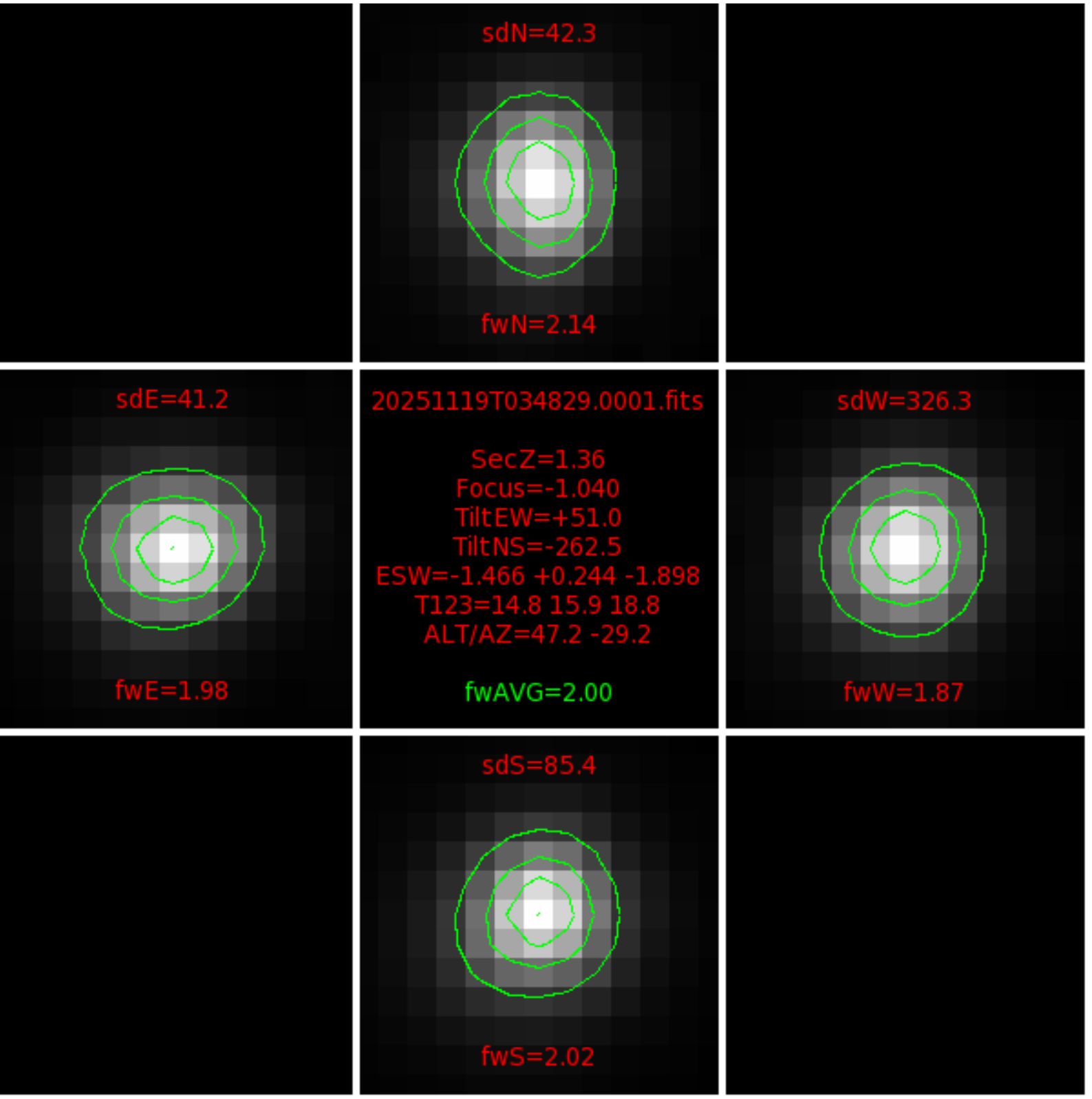
sdN=42.3
fwN=2.14
sdE=41.2
fwE=1.98
20251119T034829.0001.fits
SecZ=1.36
Focus=-1.040
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.466 +0.244 -1.898
T123=14.8 15.9 18.8
ALT/AZ=47.2 -29.2
fwAVG=2.00
sdW=326.3
fwW=1.87
sdS=85.4
fwS=2.02
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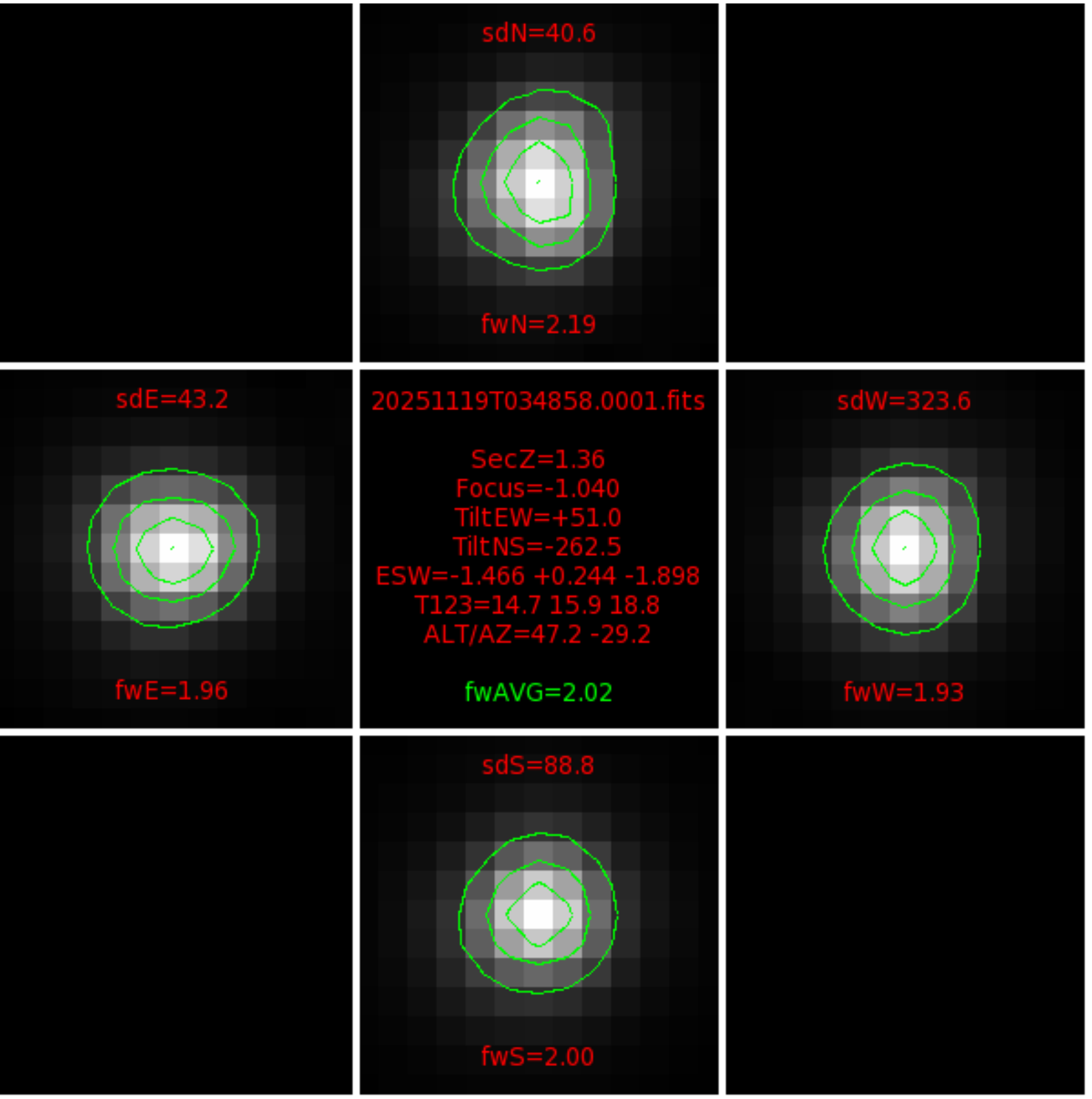
sdN=40.6
fwN=2.19
sdE=43.2
fwE=1.96
20251119T034858.0001.fits
SecZ=1.36
Focus=-1.040
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.466 +0.244 -1.898
T123=14.7 15.9 18.8
ALT/AZ=47.2 -29.2
fwAVG=2.02
sdW=323.6
fwW=1.93
sdS=88.8
fwS=2.00
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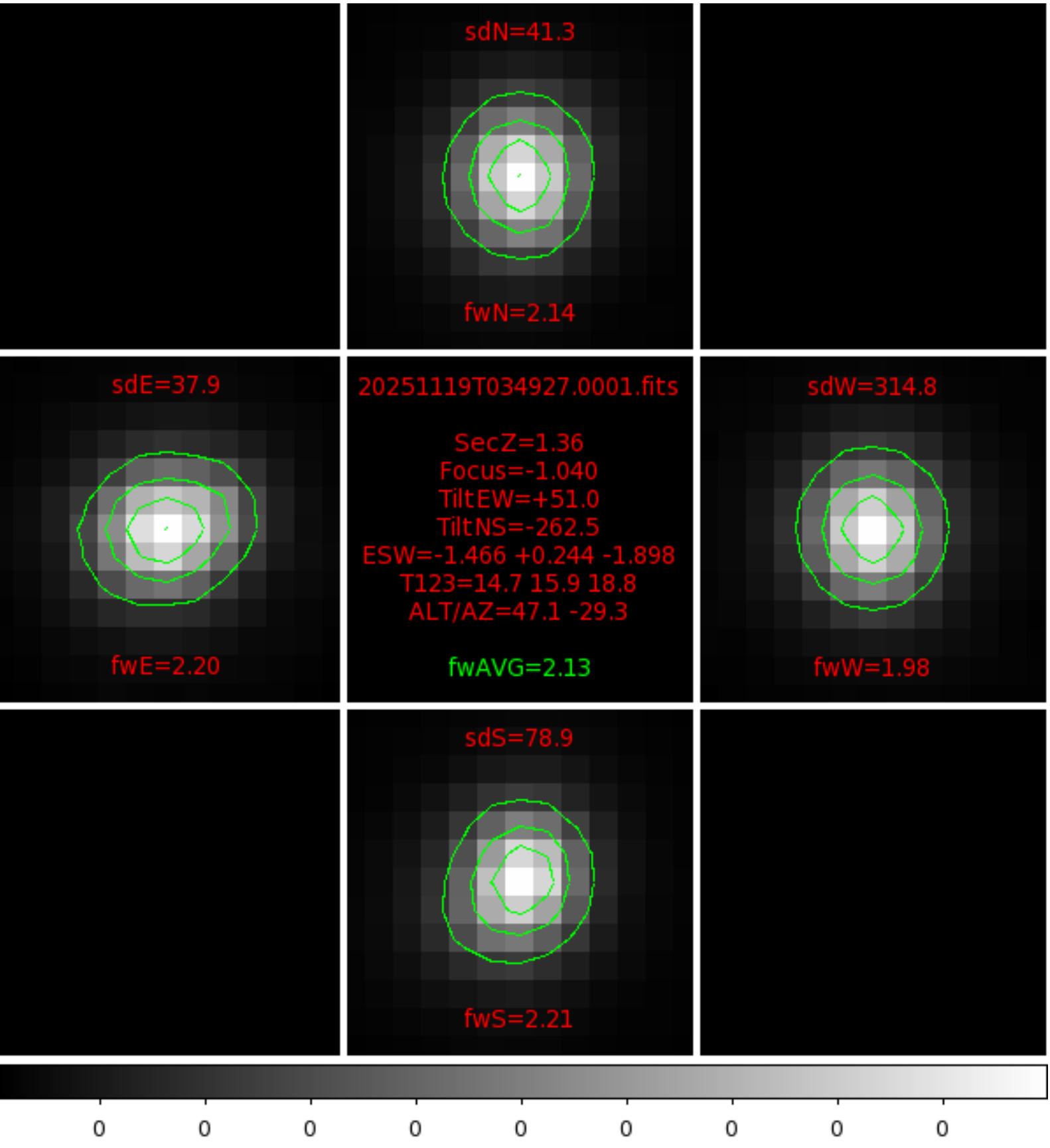
sdN=41.3
fwN=2.14
sdE=37.9
fwE=2.20
20251119T034927.0001.fits
SecZ=1.36
Focus=-1.040
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.466 +0.244 -1.898
T123=14.7 15.9 18.8
ALT/AZ=47.1 -29.3
fwAVG=2.13
sdW=314.8
fwW=1.98
sdS=78.9
fwS=2.21
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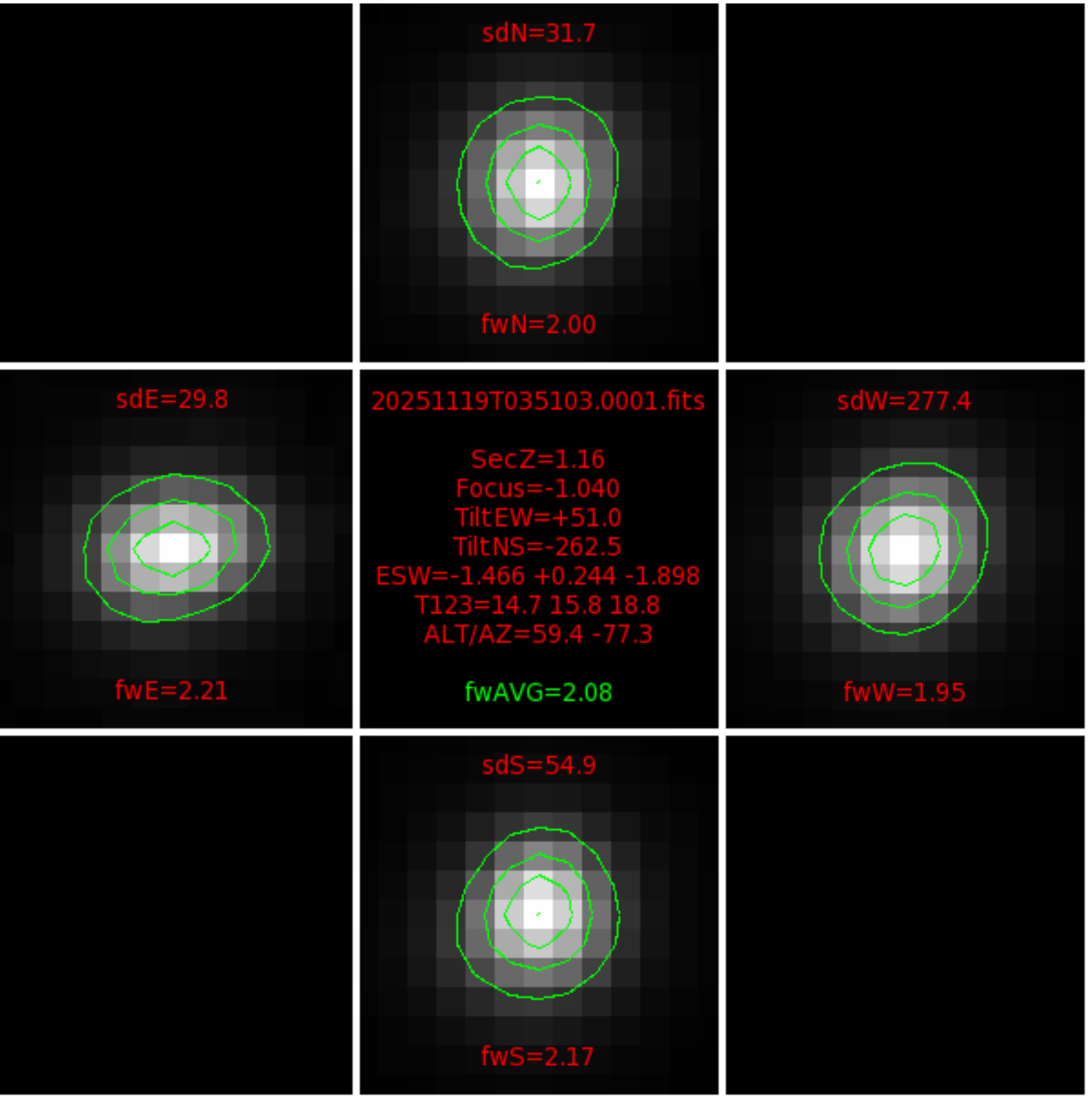
sdN=31.7
fwN=2.00
sdE=29.8
fwE=2.21
20251119T035103.0001.fits
SecZ=1.16
Focus=-1.040
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.466 +0.244 -1.898
T123=14.7 15.8 18.8
ALT/AZ=59.4 -77.3
fwAVG=2.08
sdW=277.4
fwW=1.95
sdS=54.9
fwS=2.17
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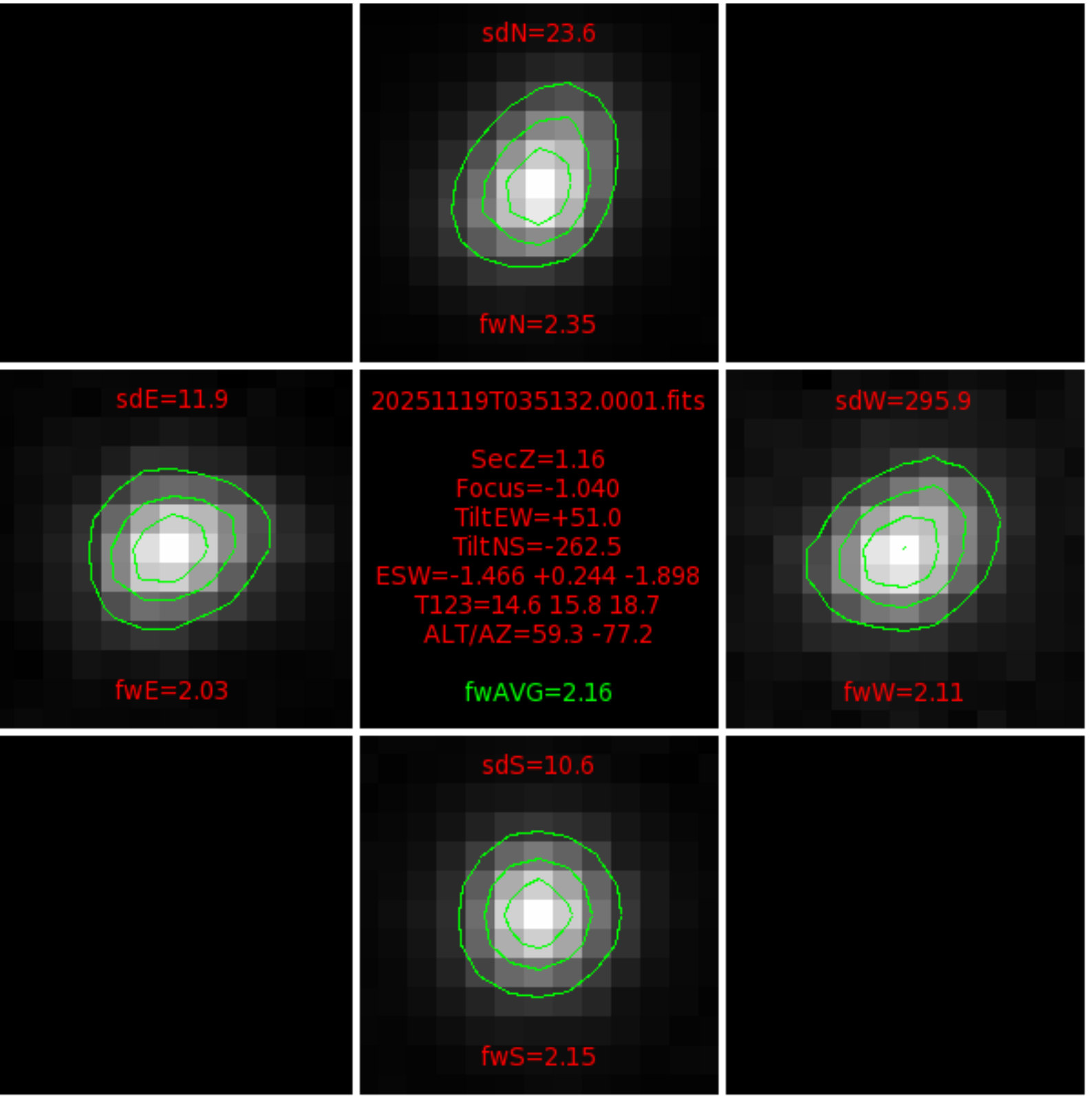
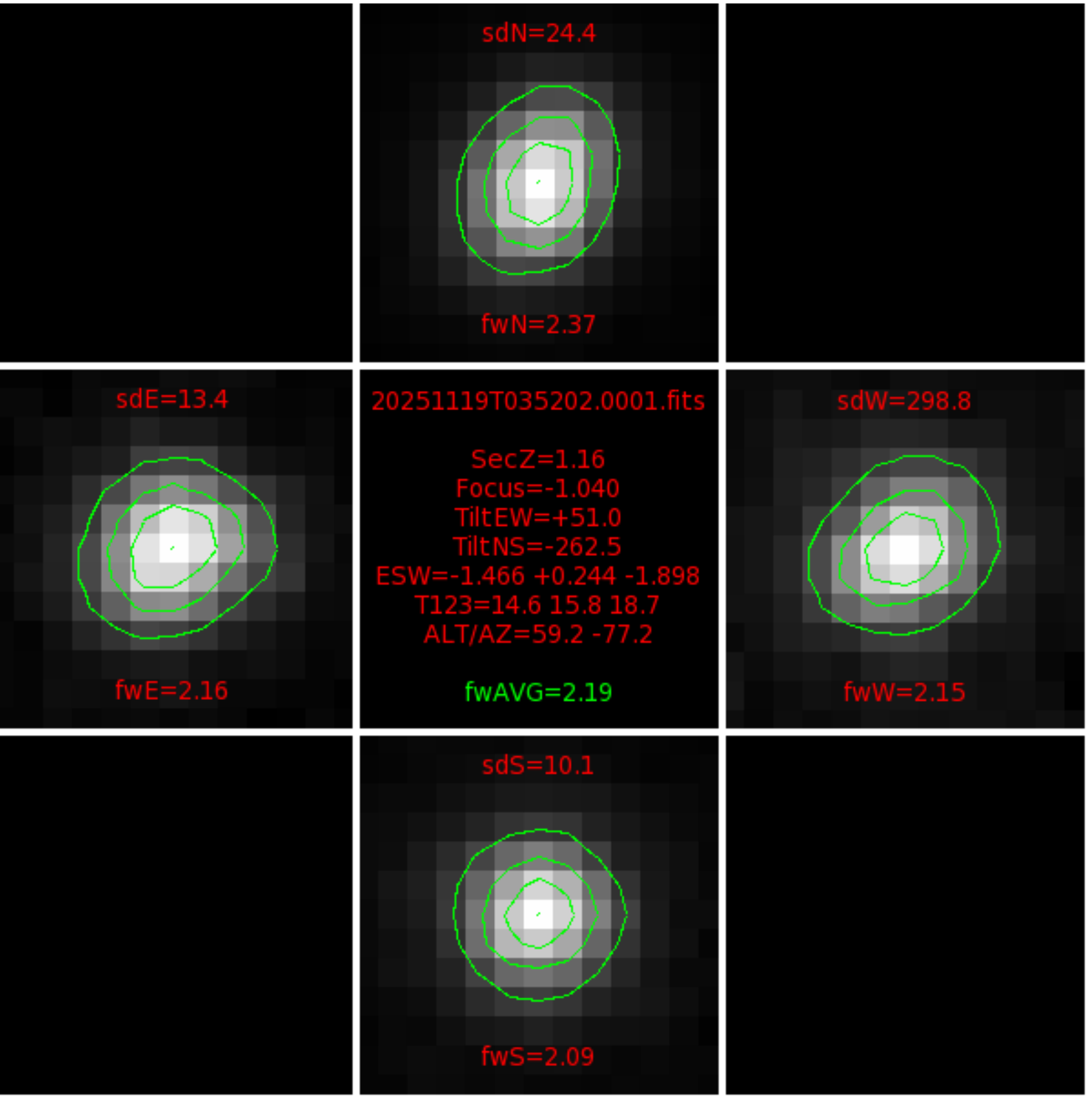
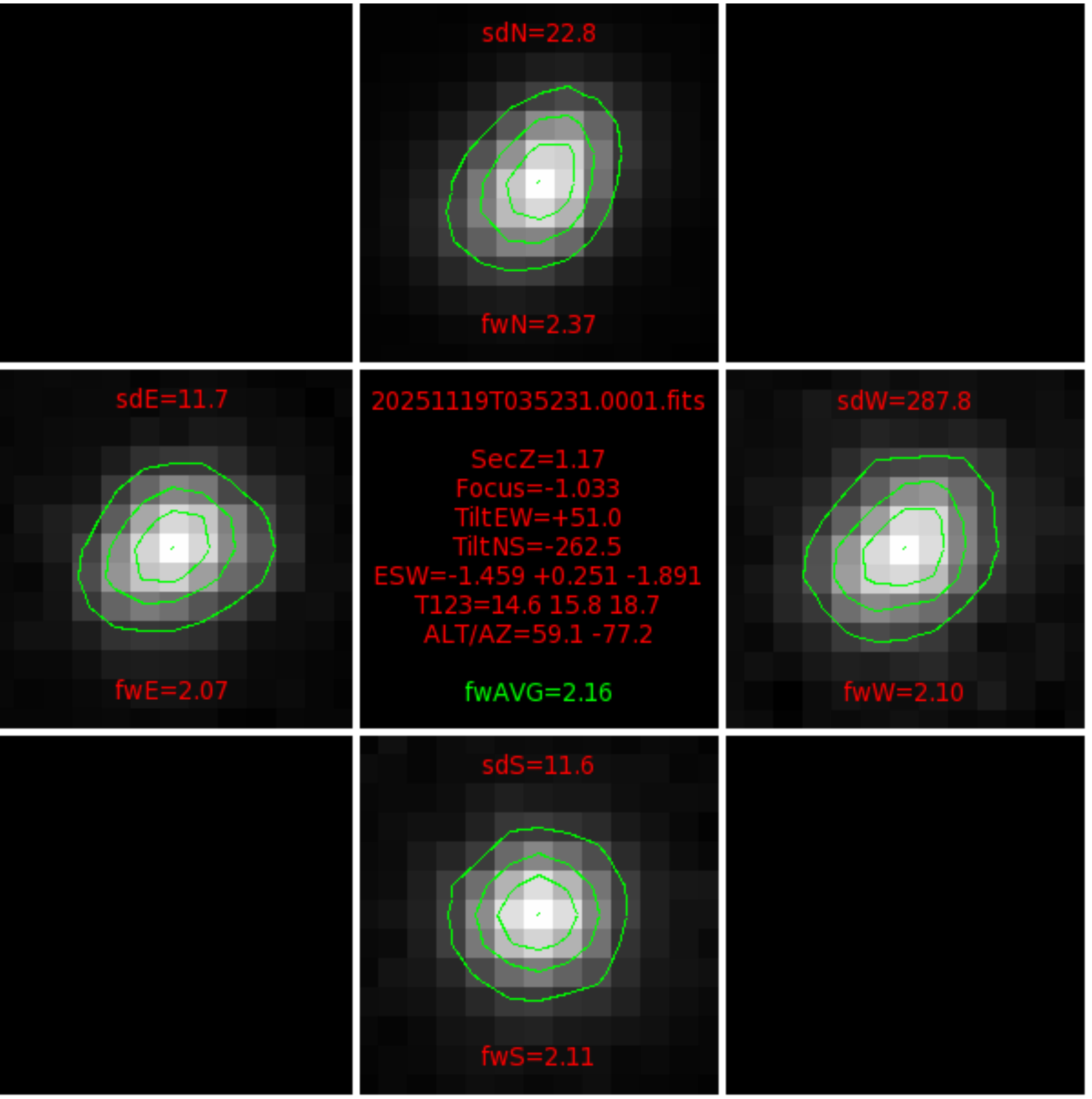

sdN=23.6
fwN=2.35
sdE=11.9
fwE=2.03
20251119T035132.0001.fits
SecZ=1.16
Focus=-1.040
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.466 +0.244 -1.898
T123=14.6 15.8 18.7
ALT/AZ=59.3 -77.2
fwAVG=2.16
sdW=295.9
fwW=2.11
sdS=10.6
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=24.4
fwN=2.37
sdE=13.4
fwE=2.16
20251119T035202.0001.fits
SecZ=1.16
Focus=-1.040
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.466 +0.244 -1.898
T123=14.6 15.8 18.7
ALT/AZ=59.2 -77.2
fwAVG=2.19
sdW=298.8
fwW=2.15
sdS=10.1
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=22.8
fwN=2.37
sdE=11.7
fwE=2.07
20251119T035231.0001.fits
SecZ=1.17
Focus=-1.033
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.459 +0.251 -1.891
T123=14.6 15.8 18.7
ALT/AZ=59.1 -77.2
fwAVG=2.16
sdW=287.8
fwW=2.10
sdS=11.6
fwS=2.11
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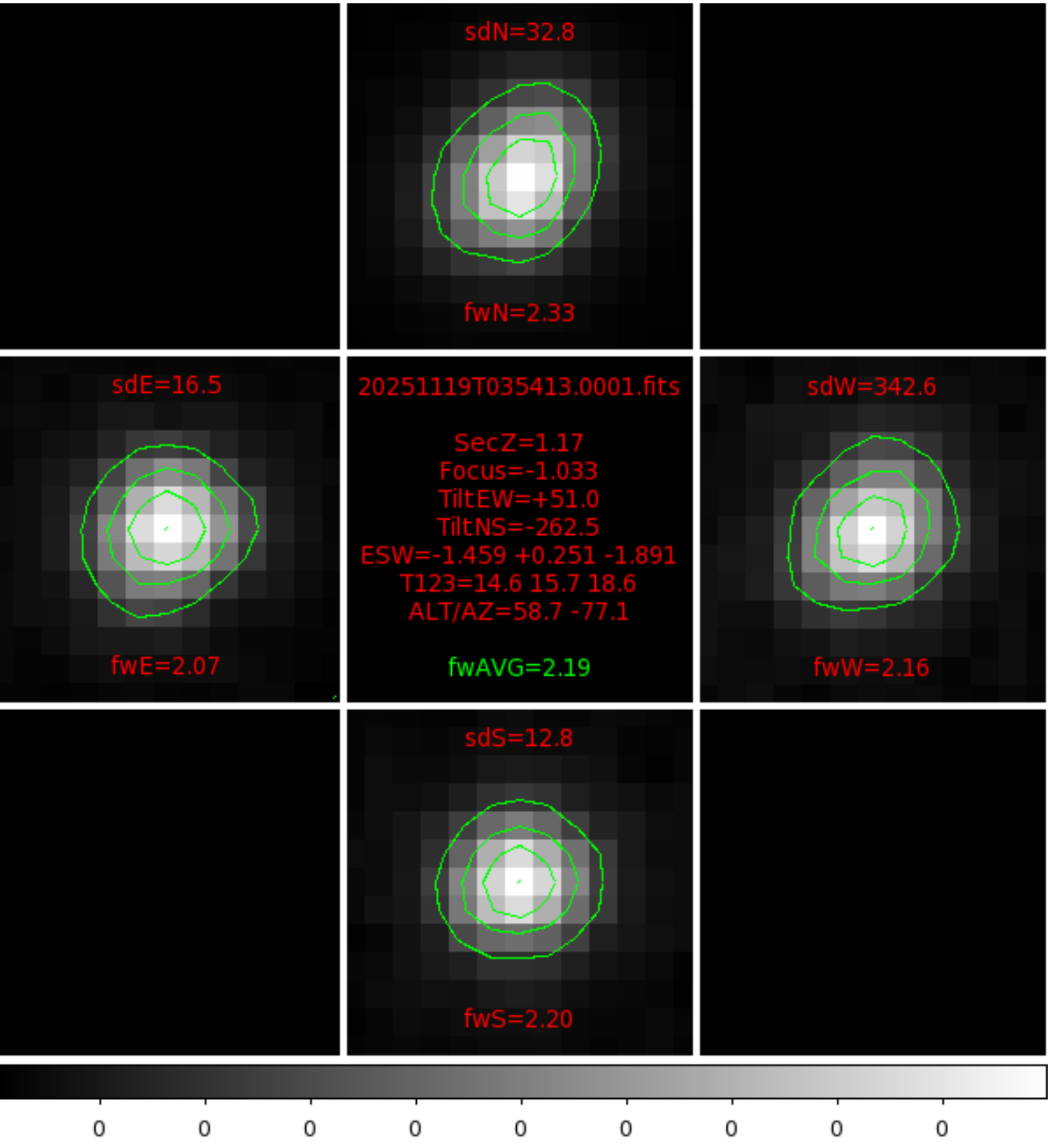
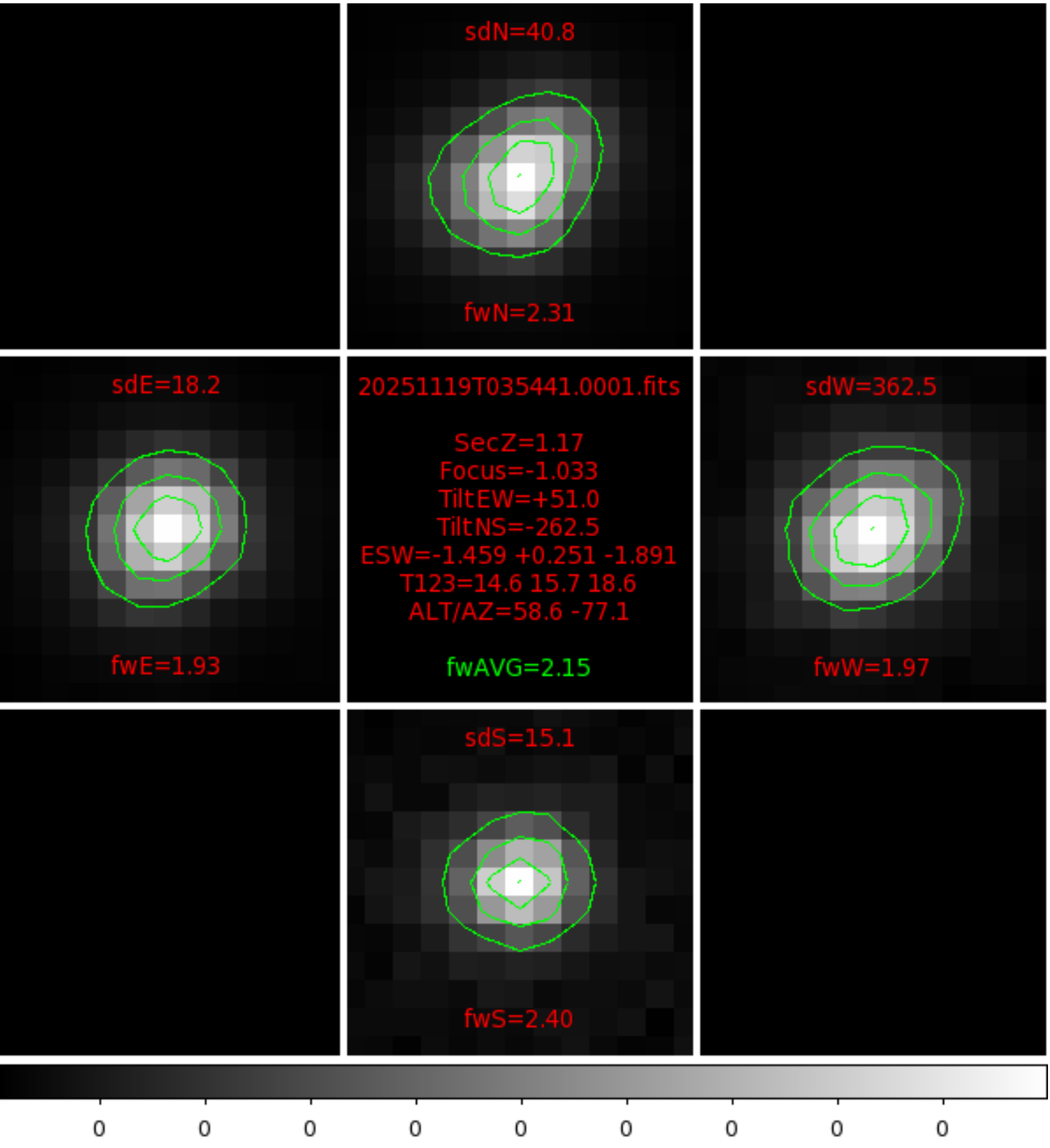

sdN=32.8
fwN=2.33
sdE=16.5
fwE=2.07
20251119T035413.0001.fits
SecZ=1.17
Focus=-1.033
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.459 +0.251 -1.891
T123=14.6 15.7 18.6
ALT/AZ=58.7 -77.1
fwAVG=2.19
sdW=342.6
fwW=2.16
sdS=12.8
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=40.8
fwN=2.31
sdE=18.2
fwE=1.93
20251119T035441.0001.fits
SecZ=1.17
Focus=-1.033
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.459 +0.251 -1.891
T123=14.6 15.7 18.6
ALT/AZ=58.6 -77.1
fwAVG=2.15
sdW=362.5
fwW=1.97
sdS=15.1
fwS=2.40
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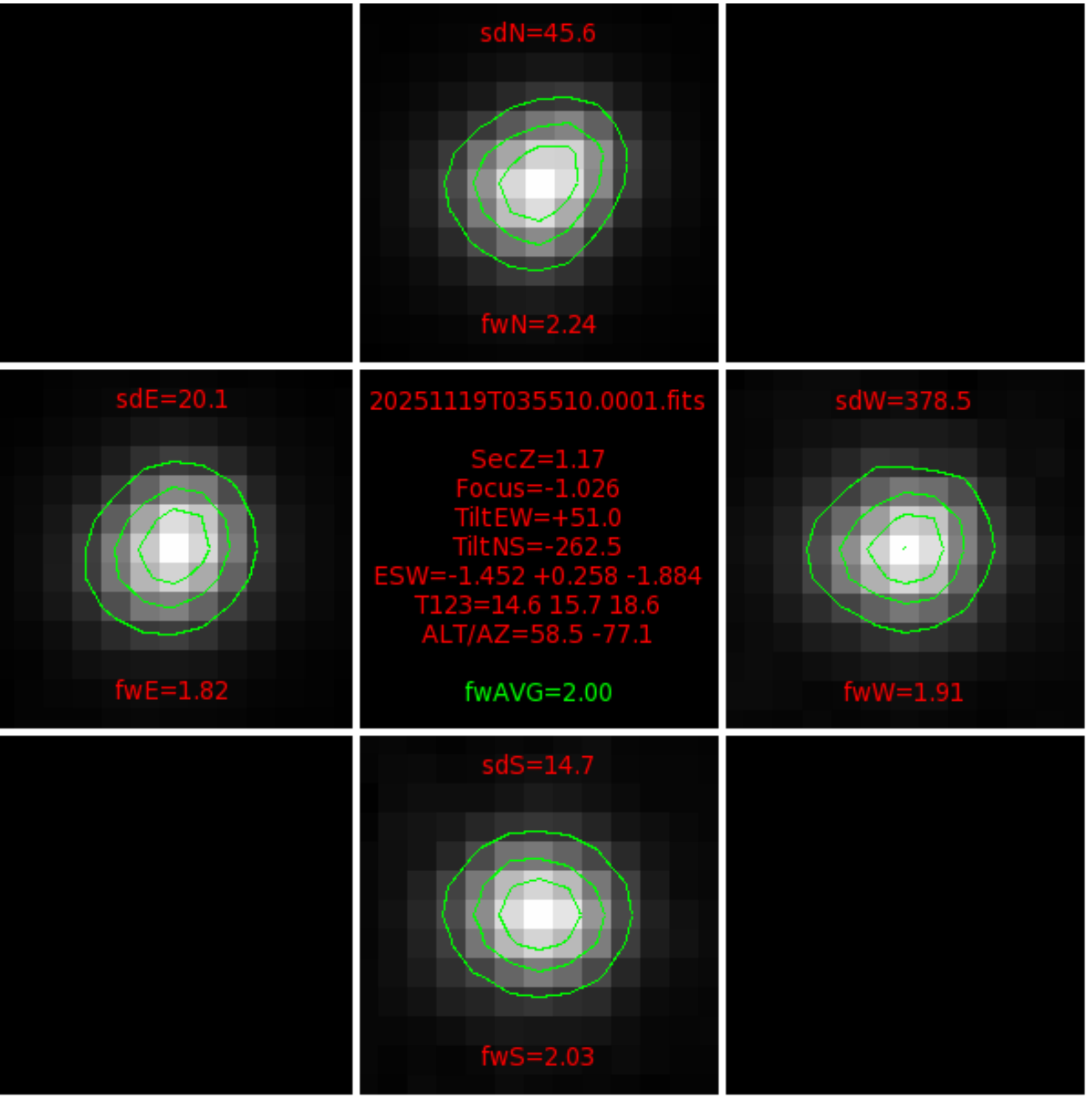
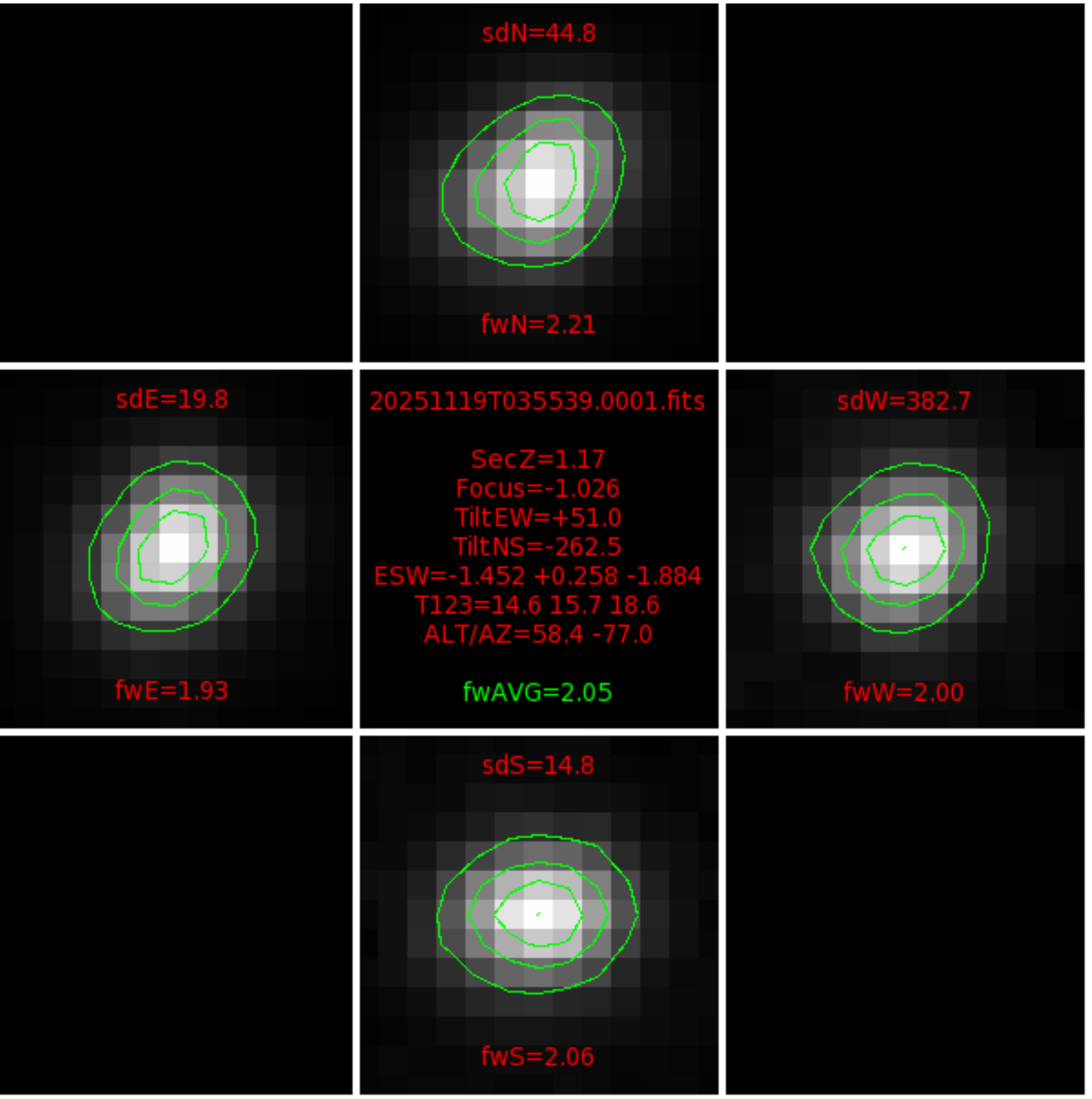

sdN=45.6
fwN=2.24
sdE=20.1
fwE=1.82
20251119T035510.0001.fits
SecZ=1.17
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.452 +0.258 -1.884
T123=14.6 15.7 18.6
ALT/AZ=58.5 -77.1
fwAVG=2.00
sdW=378.5
fwW=1.91
sdS=14.7
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=44.8
fwN=2.21
sdE=19.8
fwE=1.93
20251119T035539.0001.fits
SecZ=1.17
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.452 +0.258 -1.884
T123=14.6 15.7 18.6
ALT/AZ=58.4 -77.0
fwAVG=2.05
sdW=382.7
fwW=2.00
sdS=14.8
fwS=2.06
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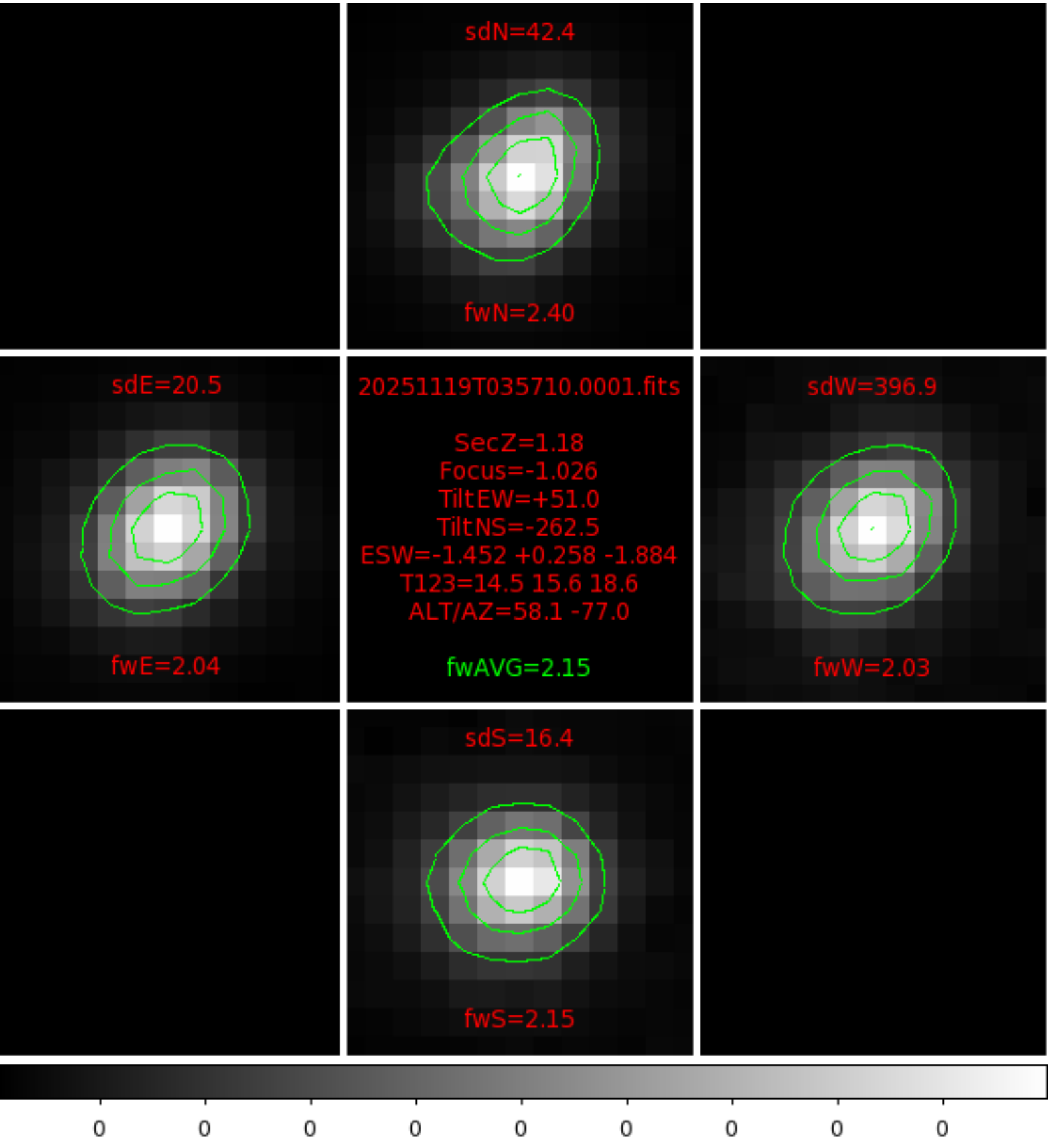
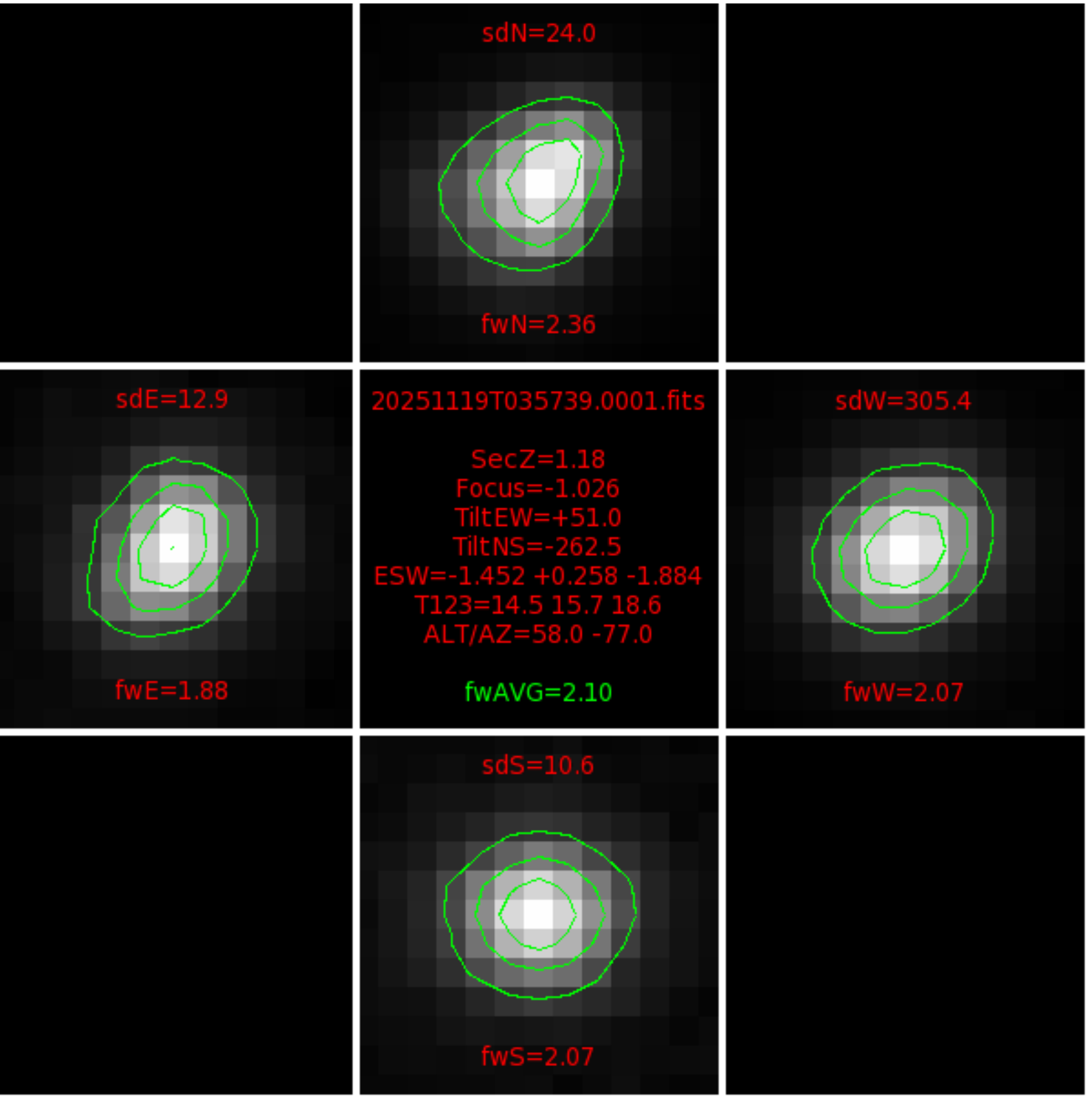

sdN=42.4
fwN=2.40
sdE=20.5
fwE=2.04
20251119T035710.0001.fits
SecZ=1.18
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.452 +0.258 -1.884
T123=14.5 15.6 18.6
ALT/AZ=58.1 -77.0
fwAVG=2.15
sdW=396.9
fwW=2.03
sdS=16.4
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=24.0
fwN=2.36
sdE=12.9
fwE=1.88
20251119T035739.0001.fits
SecZ=1.18
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.452 +0.258 -1.884
T123=14.5 15.7 18.6
ALT/AZ=58.0 -77.0
fwAVG=2.10
sdW=305.4
fwW=2.07
sdS=10.6
fwS=2.07
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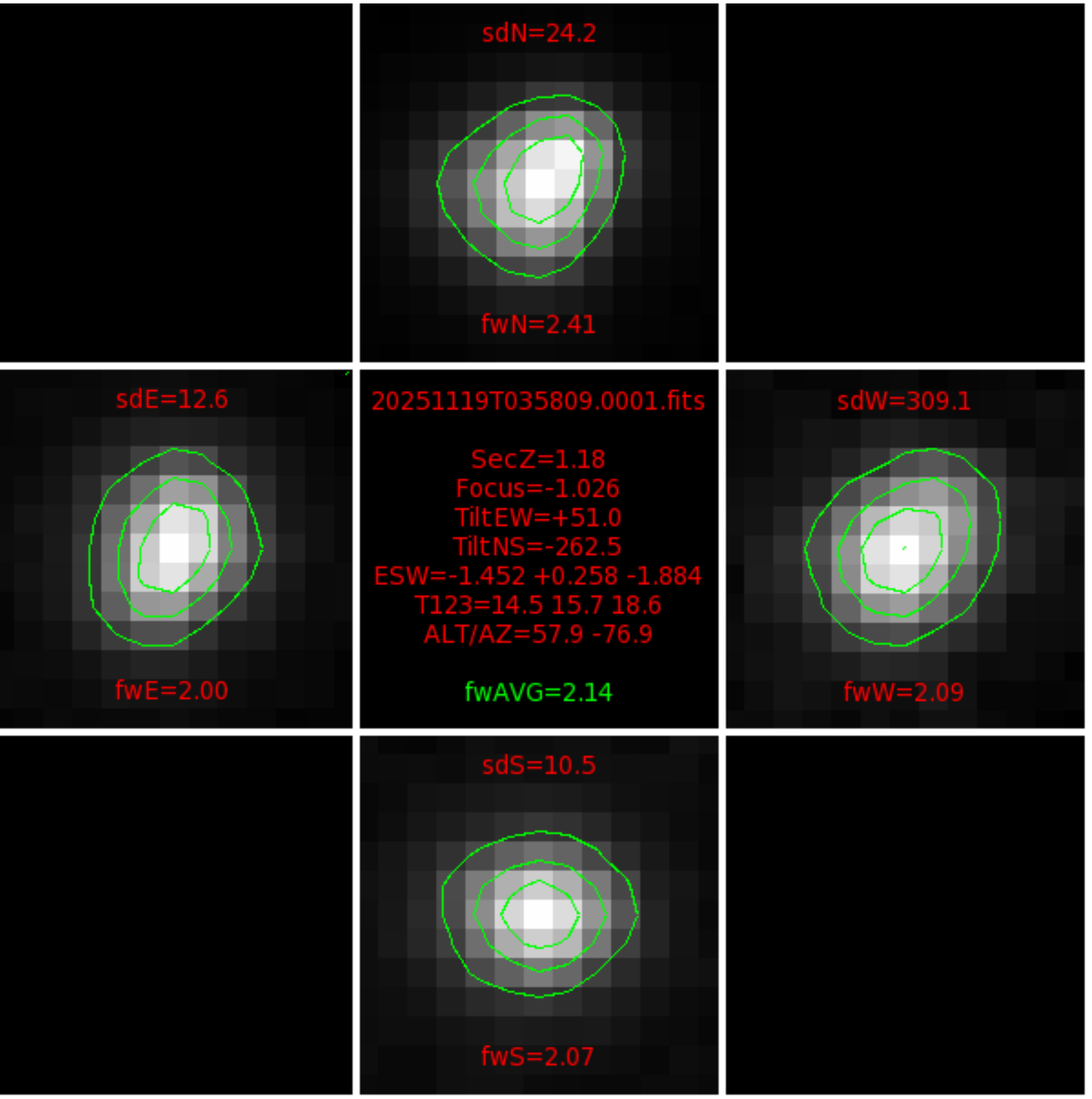
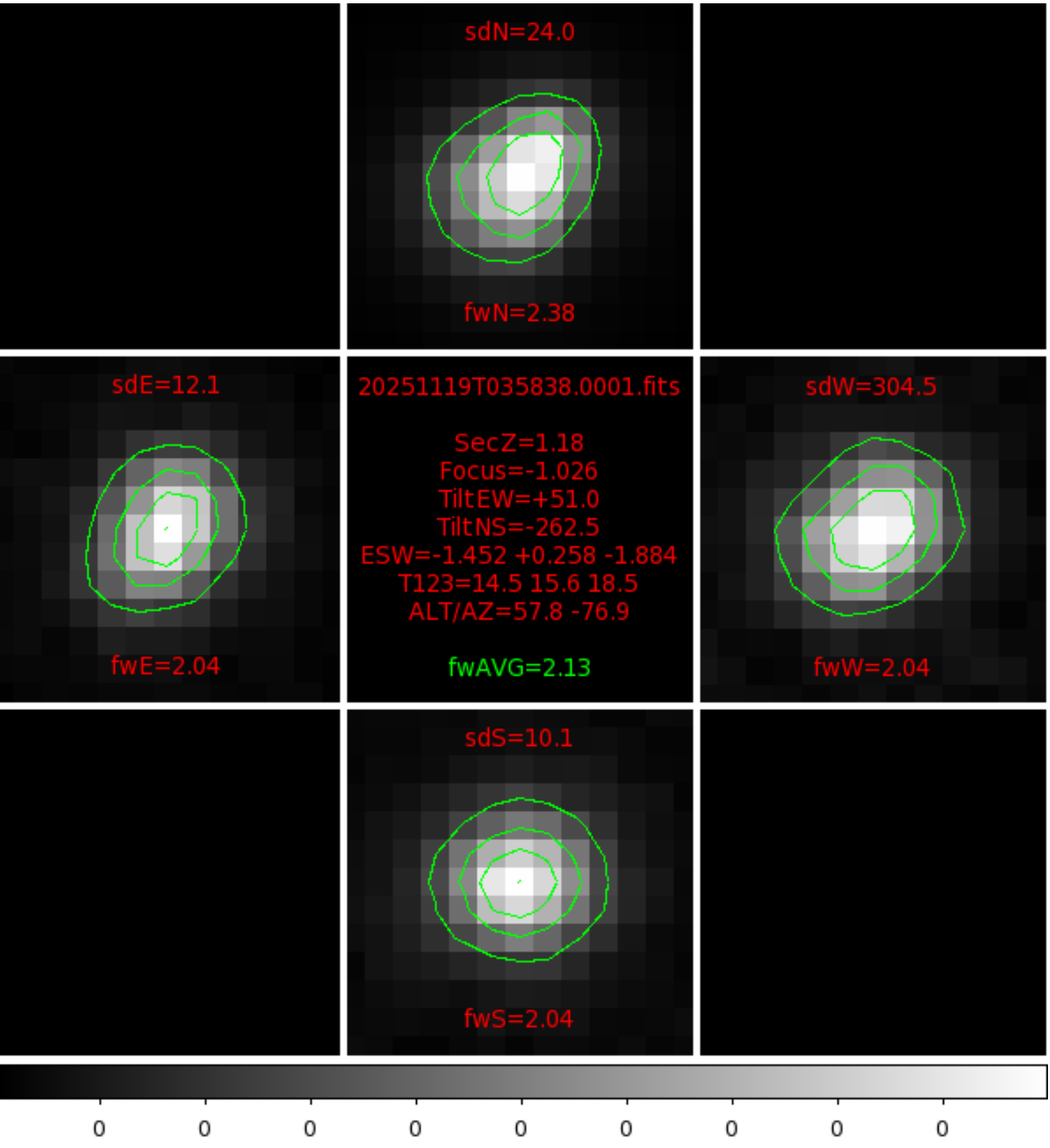

sdN=24.2
fwN=2.41
sdE=12.6
fwE=2.00
20251119T035809.0001.fits
SecZ=1.18
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.452 +0.258 -1.884
T123=14.5 15.7 18.6
ALT/AZ=57.9 -76.9
fwAVG=2.14
sdW=309.1
fwW=2.09
sdS=10.5
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=24.0
fwN=2.38
sdE=12.1
fwE=2.04
20251119T035838.0001.fits
SecZ=1.18
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.452 +0.258 -1.884
T123=14.5 15.6 18.5
ALT/AZ=57.8 -76.9
fwAVG=2.13
sdW=304.5
fwW=2.04
sdS=10.1
fwS=2.04
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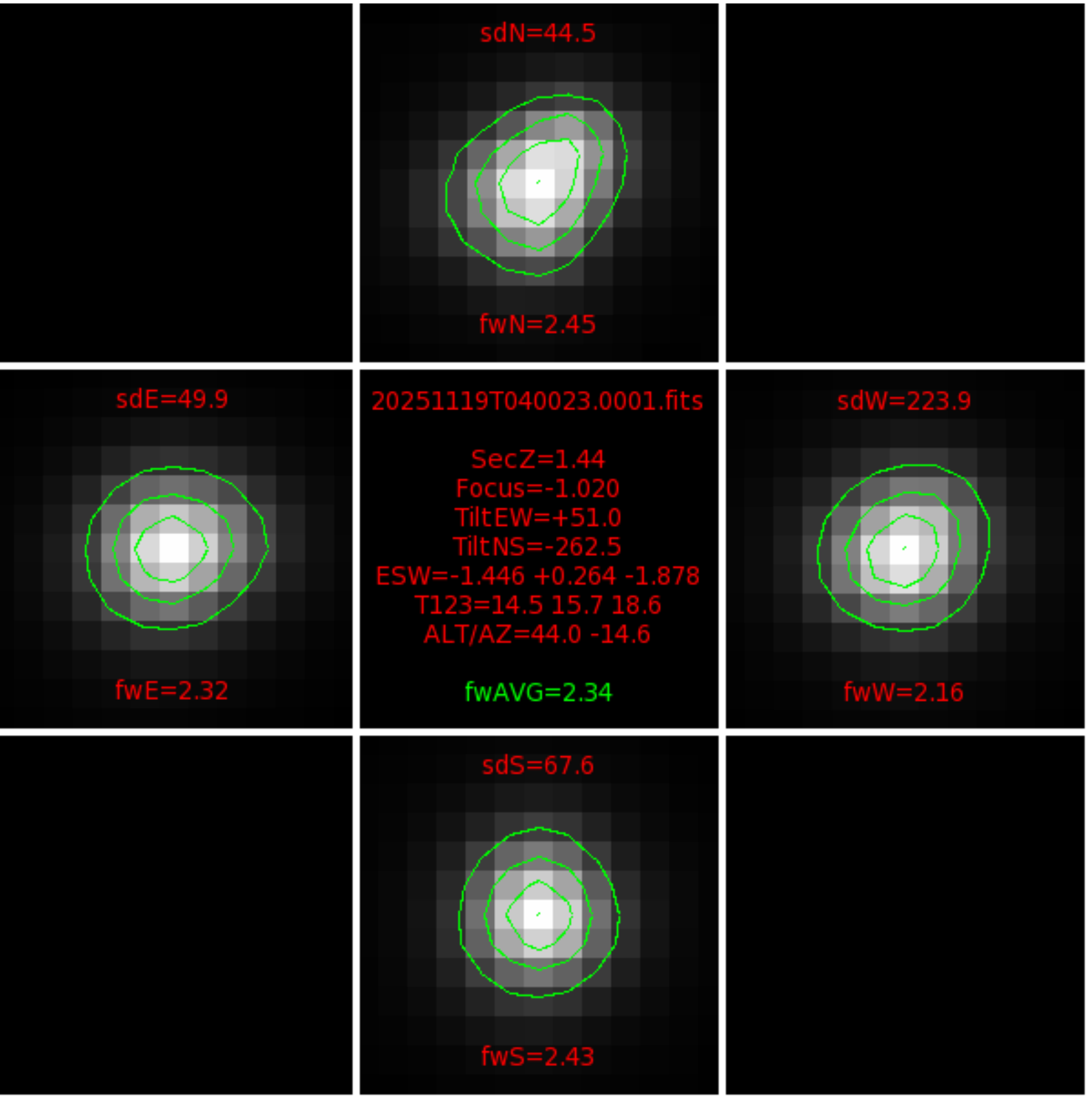
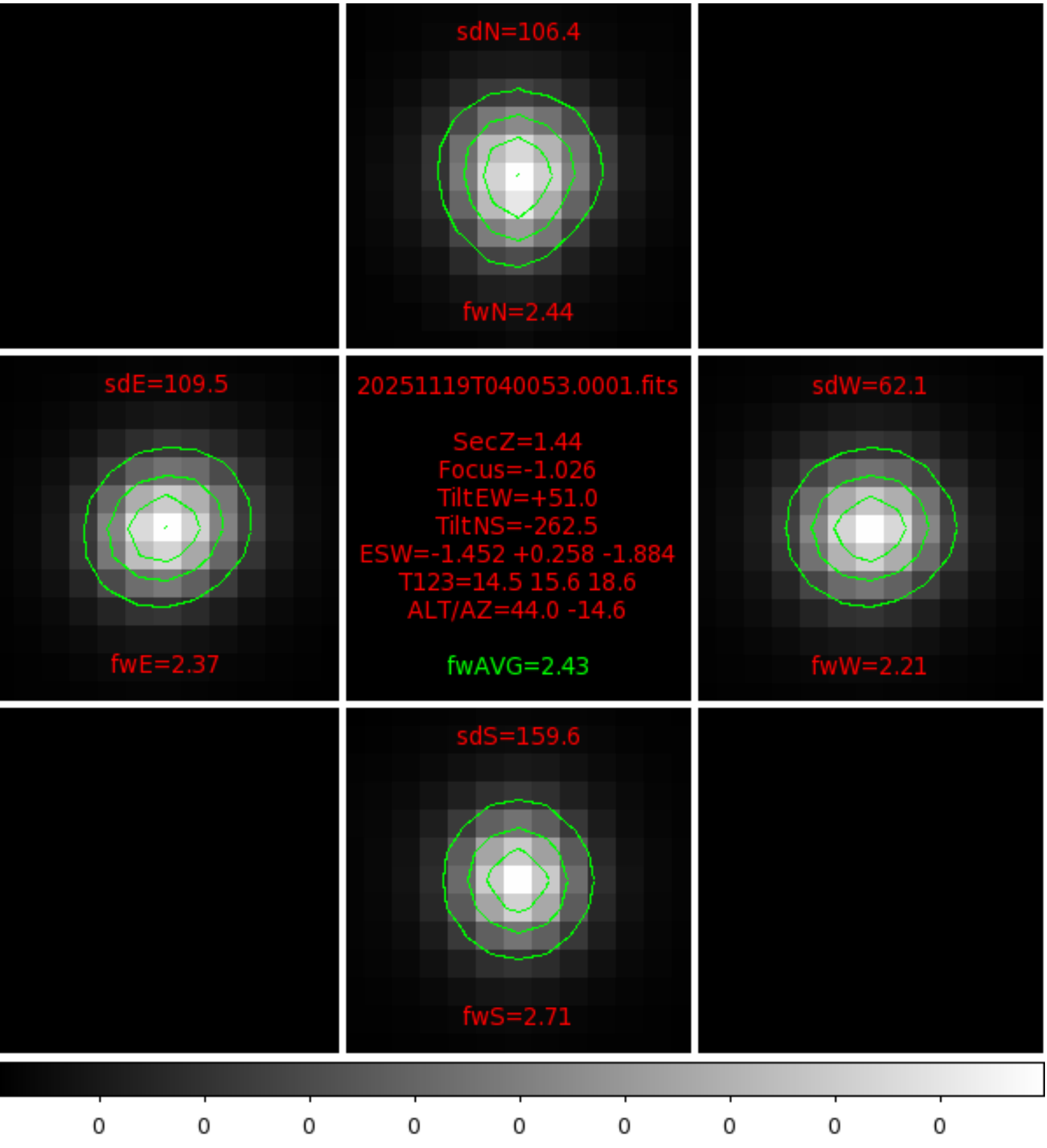

sdN=44.5
fwN=2.45
sdE=49.9
fwE=2.32
20251119T040023.0001.fits
SecZ=1.44
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.5 15.7 18.6
ALT/AZ=44.0 -14.6
fwAVG=2.34
sdW=223.9
fwW=2.16
sdS=67.6
fwS=2.43
0 0 0 0 0 0 0 0 0


sdN=106.4
fwN=2.44
sdE=109.5
fwE=2.37
20251119T040053.0001.fits
SecZ=1.44
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.452 +0.258 -1.884
T123=14.5 15.6 18.6
ALT/AZ=44.0 -14.6
fwAVG=2.43
sdW=62.1
fwW=2.21
sdS=159.6
fwS=2.71
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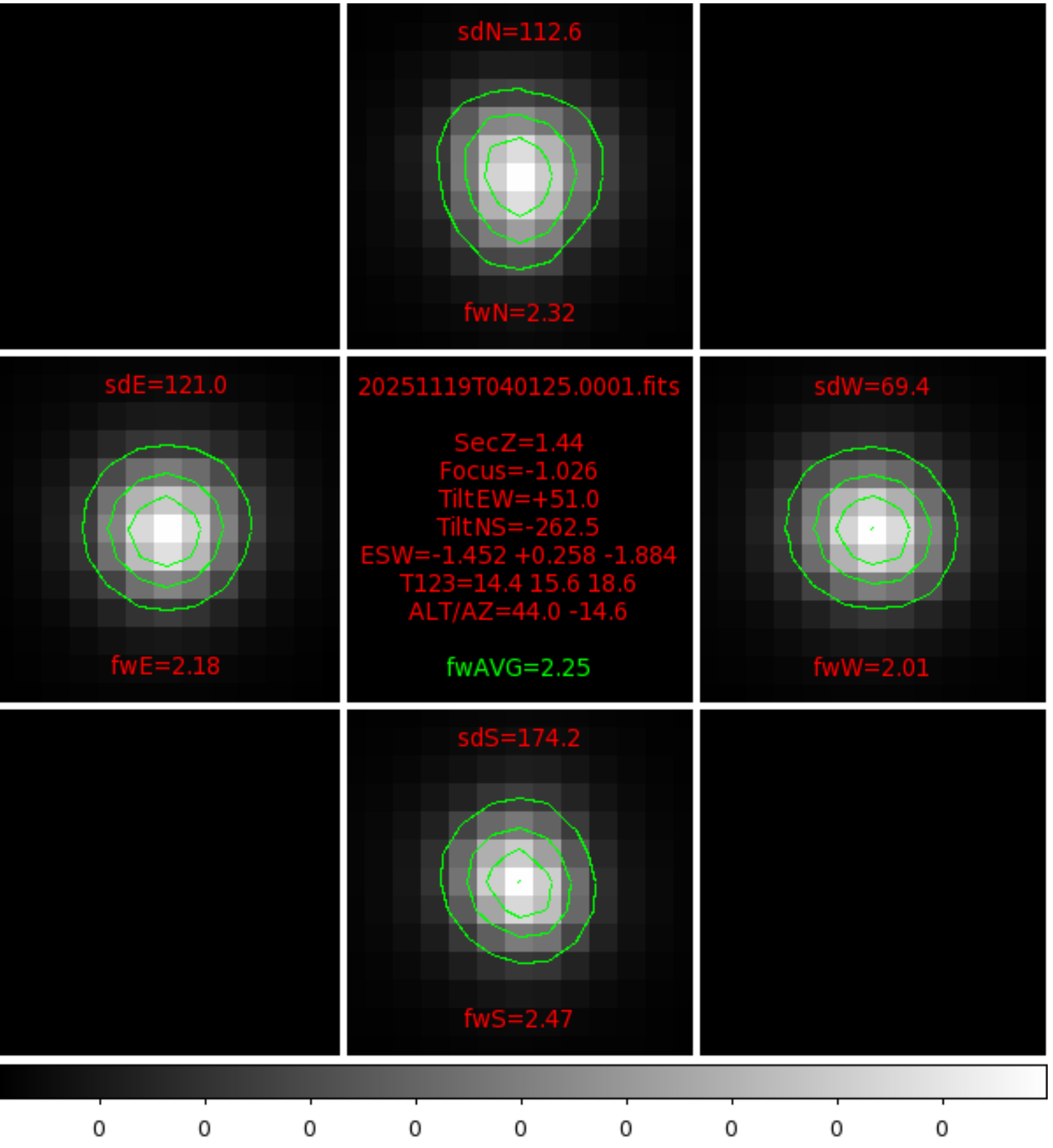
sdN=112.6
fwN=2.32
sdE=121.0
fwE=2.18
20251119T040125.0001.fits
SecZ=1.44
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.452 +0.258 -1.884
T123=14.4 15.6 18.6
ALT/AZ=44.0 -14.6
fwAVG=2.25
sdW=69.4
fwW=2.01
sdS=174.2
fwS=2.47
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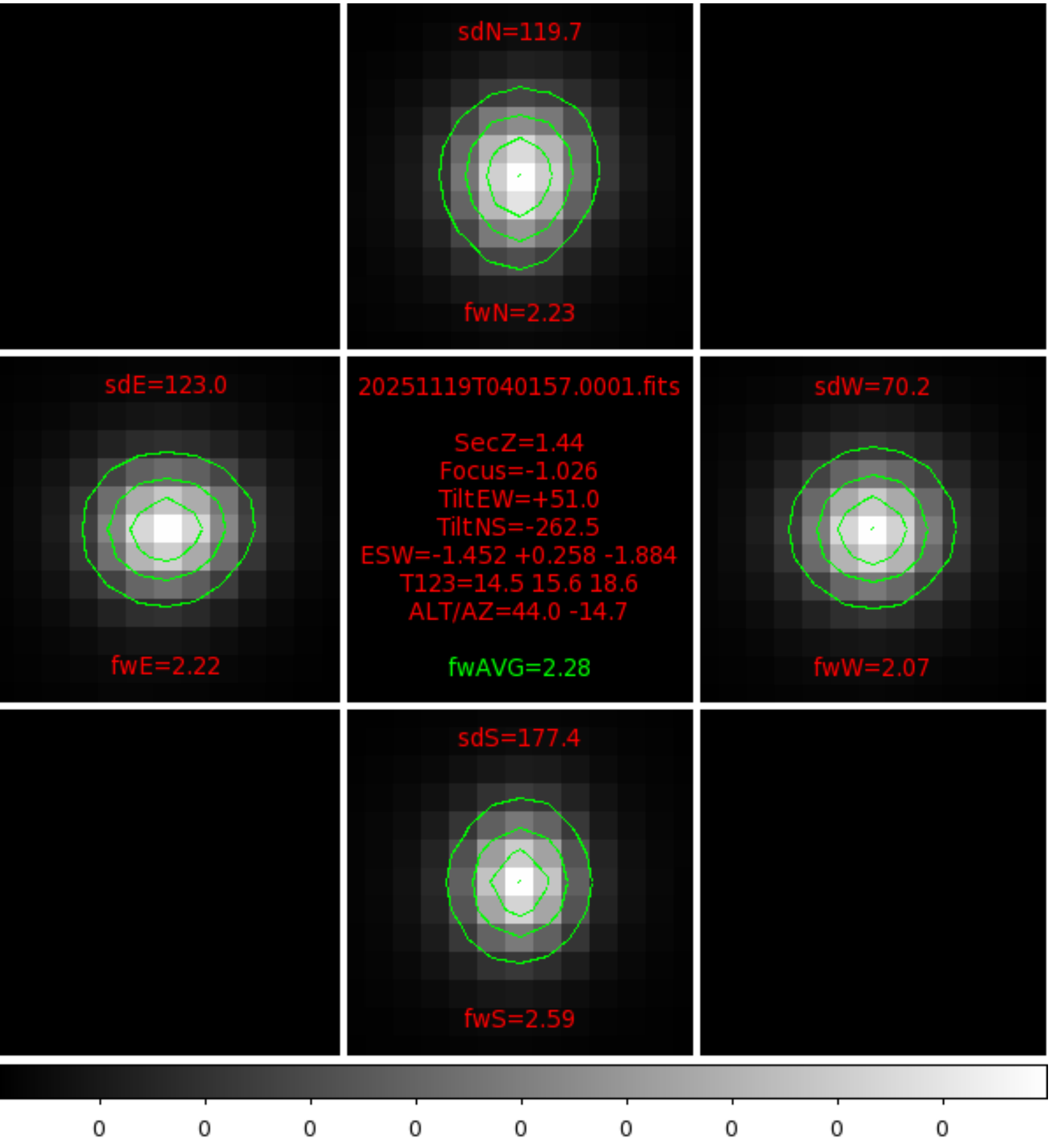
sdN=119.7
fwN=2.23
sdE=123.0
fwE=2.22
20251119T040157.0001.fits
SecZ=1.44
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.452 +0.258 -1.884
T123=14.5 15.6 18.6
ALT/AZ=44.0 -14.7
fwAVG=2.28
sdW=70.2
fwW=2.07
sdS=177.4
fwS=2.59
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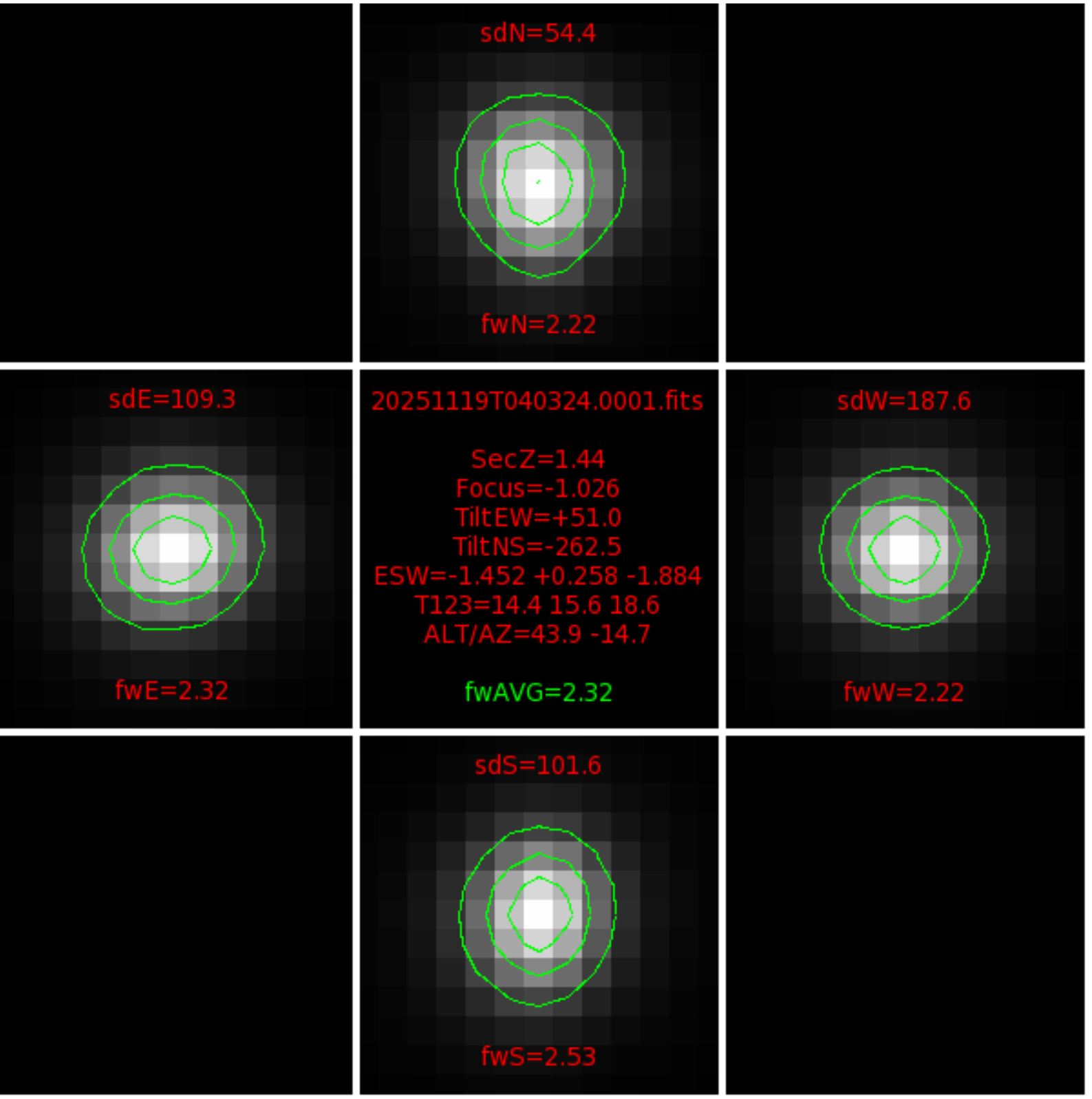
sdN=54.4
fwN=2.22
sdE=109.3
fwE=2.32
20251119T040324.0001.fits
SecZ=1.44
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.452 +0.258 -1.884
T123=14.4 15.6 18.6
ALT/AZ=43.9 -14.7
fwAVG=2.32
sdW=187.6
fwW=2.22
sdS=101.6
fwS=2.53
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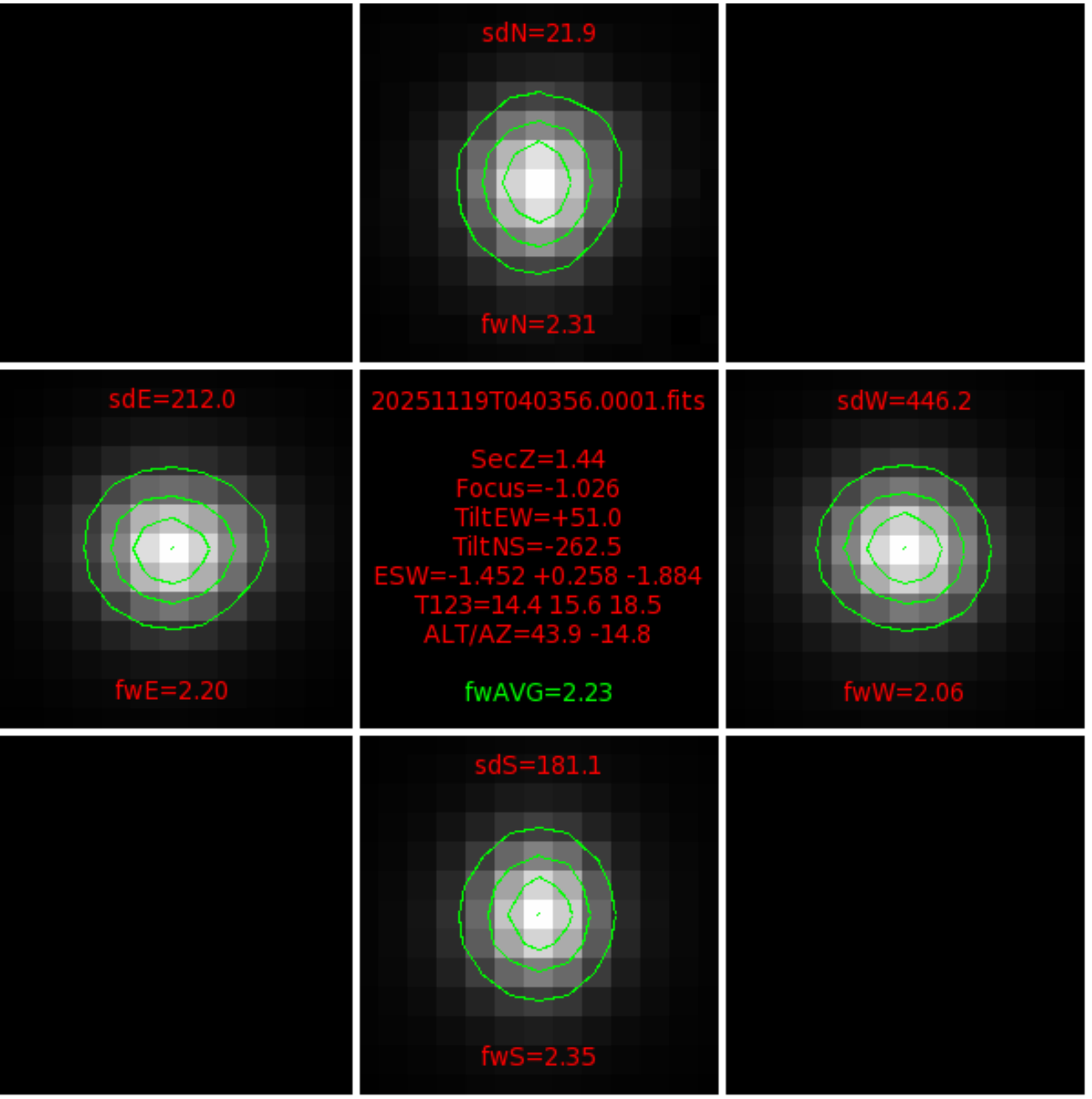
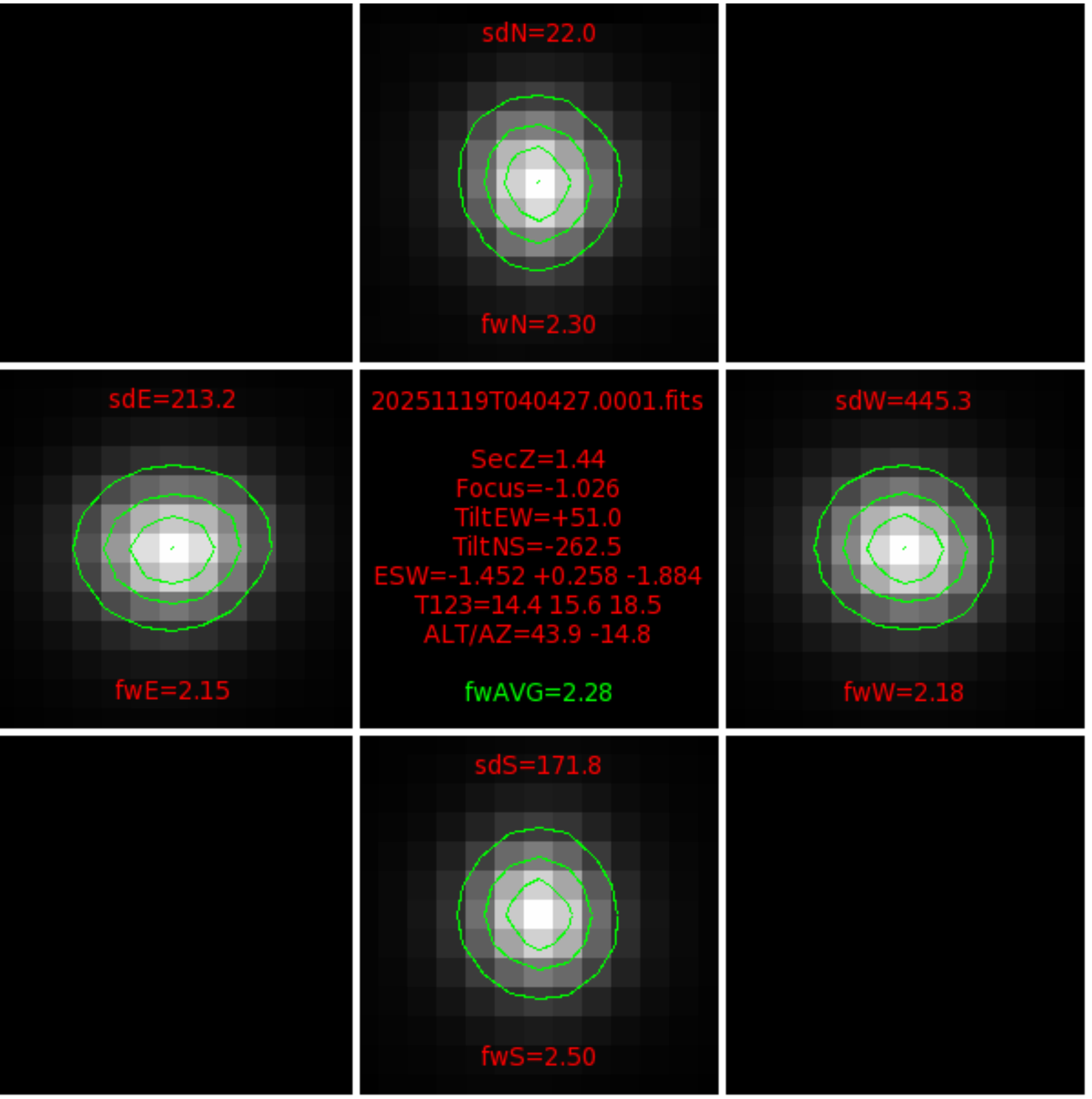

sdN=21.9
fwN=2.31
sdE=212.0
fwE=2.20
20251119T040356.0001.fits
SecZ=1.44
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.452 +0.258 -1.884
T123=14.4 15.6 18.5
ALT/AZ=43.9 -14.8
fwAVG=2.23
sdW=446.2
fwW=2.06
sdS=181.1
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=22.0
fwN=2.30
sdE=213.2
fwE=2.15
20251119T040427.0001.fits
SecZ=1.44
Focus=-1.026
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.452 +0.258 -1.884
T123=14.4 15.6 18.5
ALT/AZ=43.9 -14.8
fwAVG=2.28
sdW=445.3
fwW=2.18
sdS=171.8
fwS=2.50
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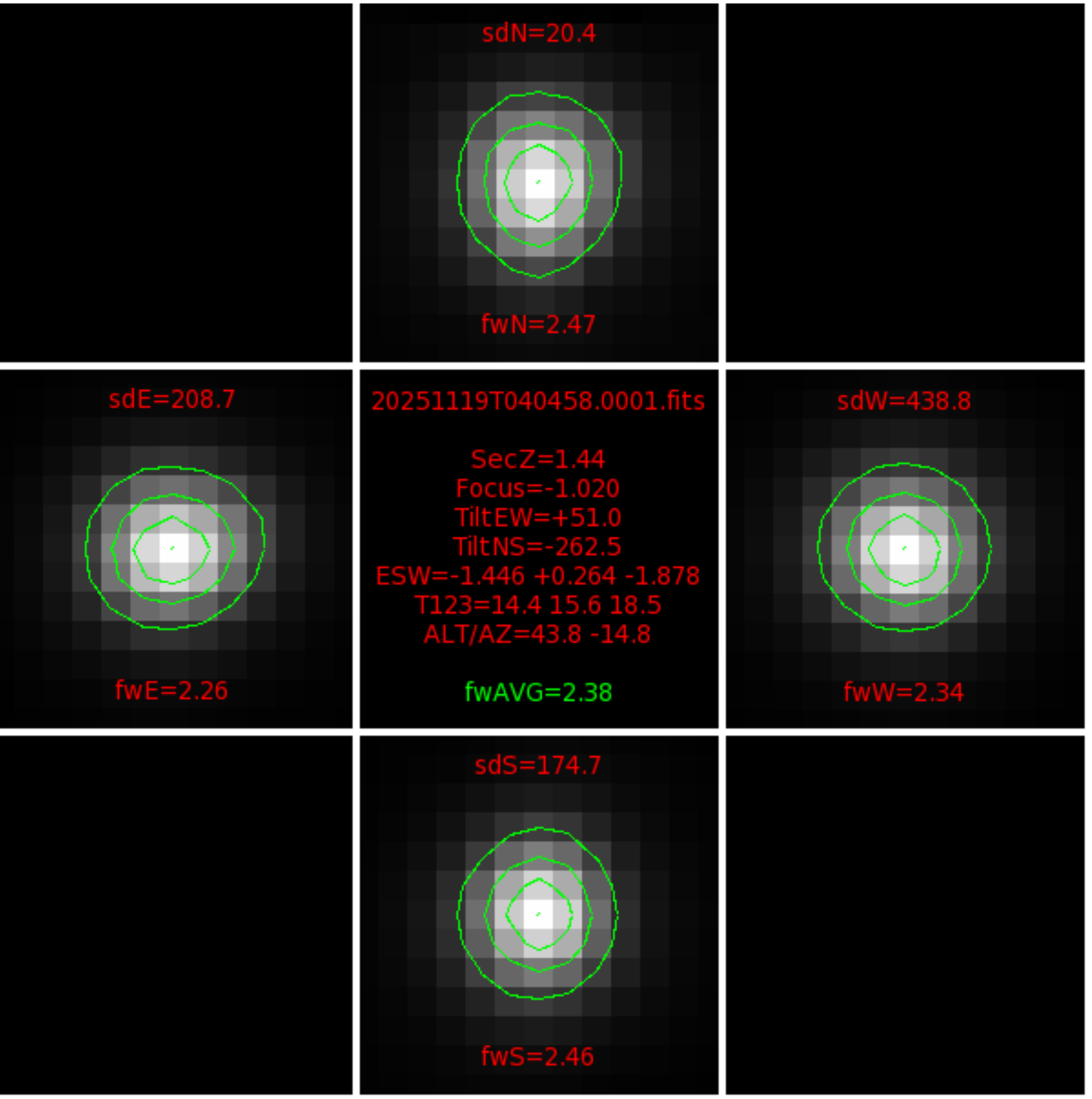
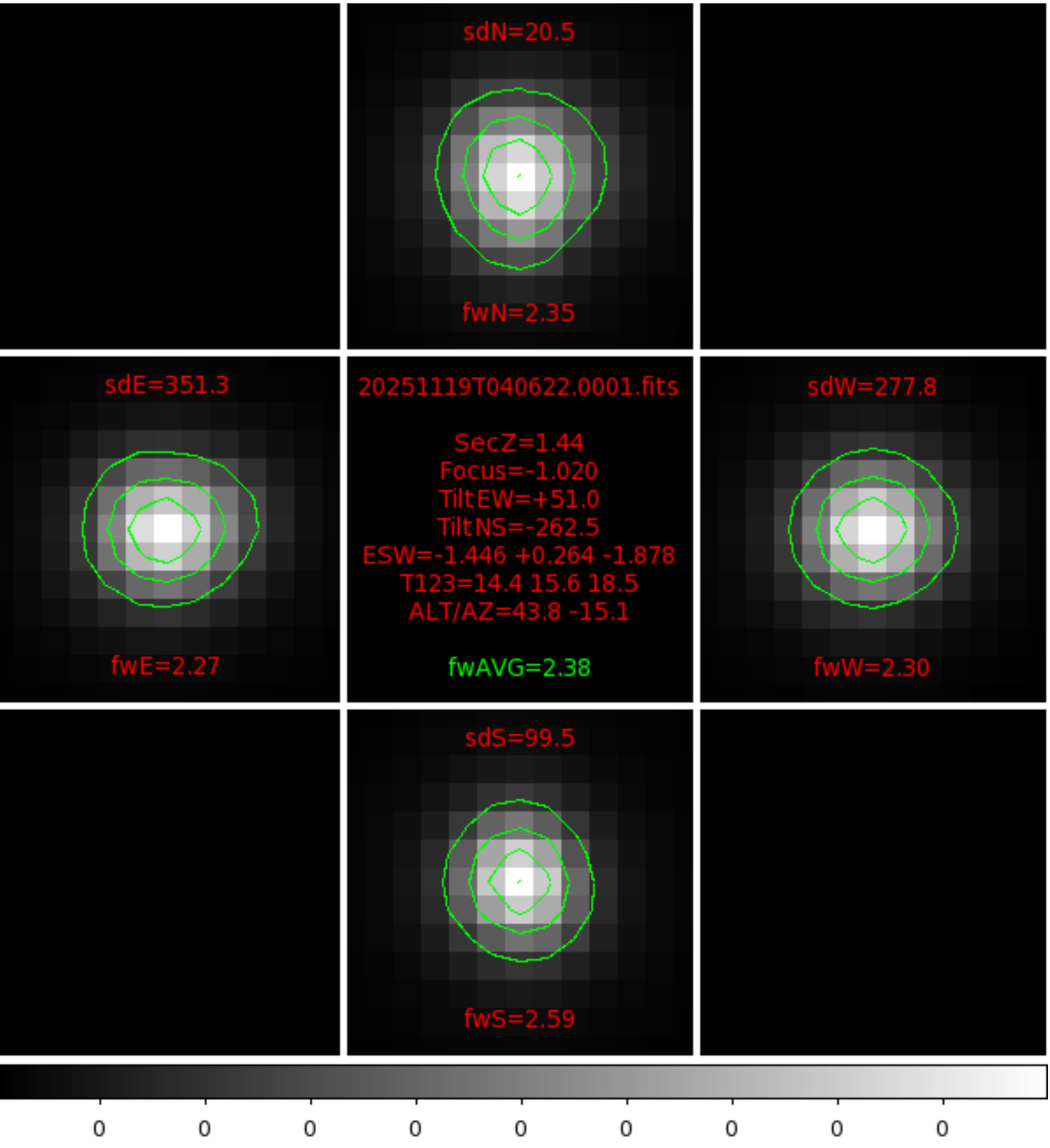
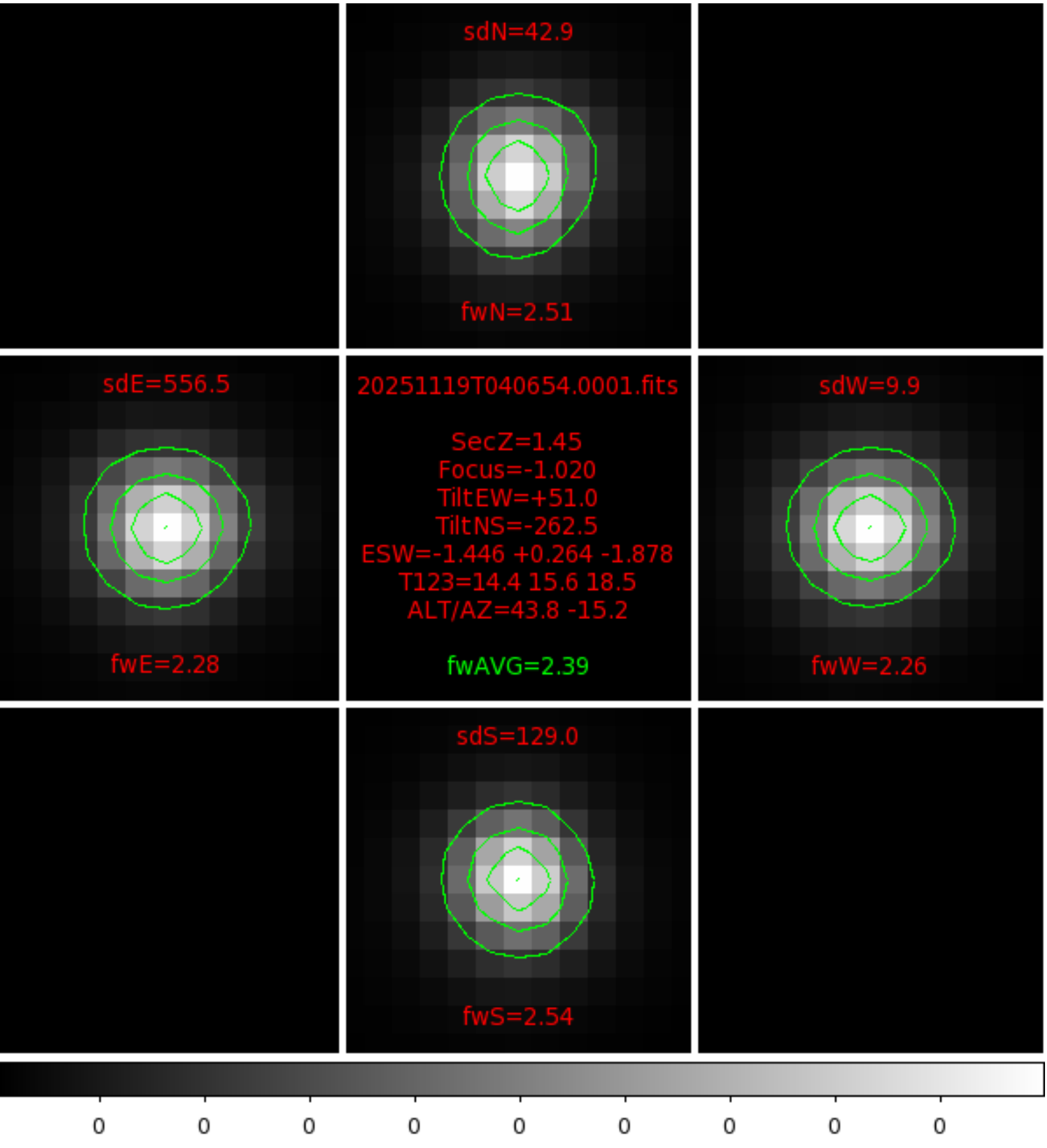
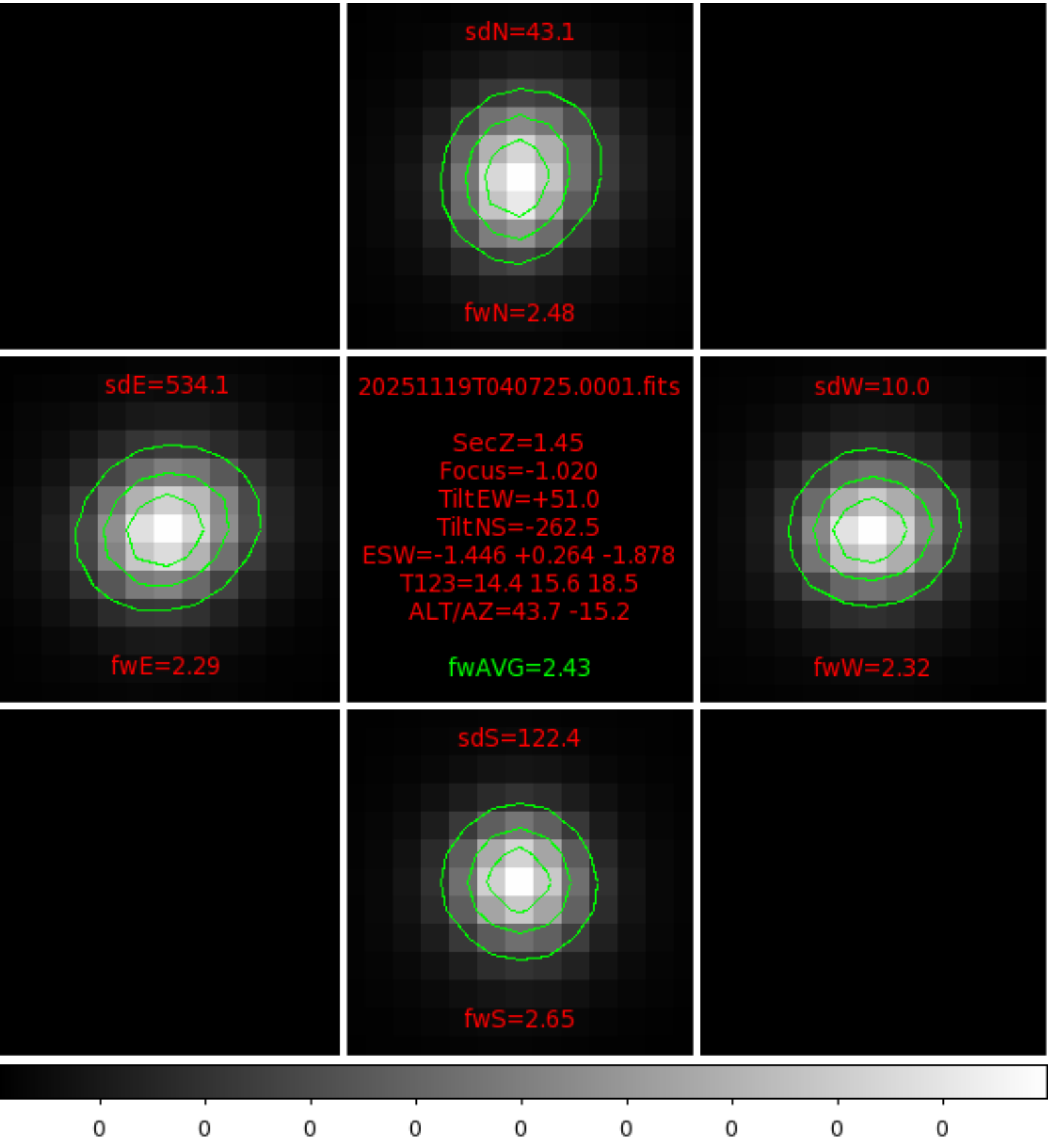
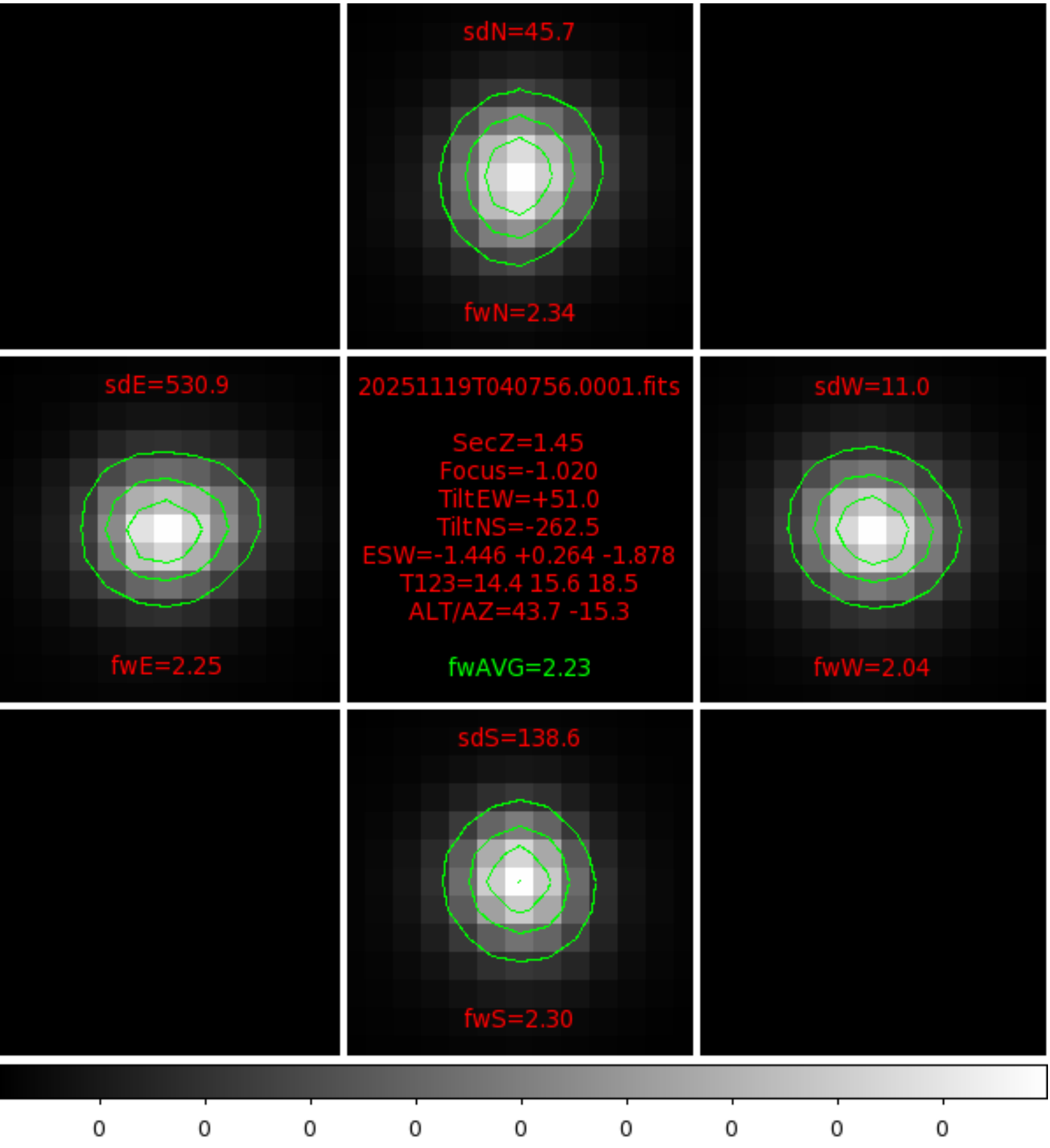

sdN=20.4
fwN=2.47
sdE=208.7
fwE=2.26
20251119T040458.0001.fits
SecZ=1.44
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.4 15.6 18.5
ALT/AZ=43.8 -14.8
fwAVG=2.38
sdW=438.8
fwW=2.34
sdS=174.7
fwS=2.46
0 0 0 0 0 0 0 0 0


sdN=20.5
fwN=2.35
sdE=351.3
fwE=2.27
20251119T040622.0001.fits
SecZ=1.44
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.4 15.6 18.5
ALT/AZ=43.8 -15.1
fwAVG=2.38
sdW=277.8
fwW=2.30
sdS=99.5
fwS=2.59
0 0 0 0 0 0 0 0 0


sdN=42.9
fwN=2.51
sdE=556.5
fwE=2.28
20251119T040654.0001.fits
SecZ=1.45
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.4 15.6 18.5
ALT/AZ=43.8 -15.2
fwAVG=2.39
sdW=9.9
fwW=2.26
sdS=129.0
fwS=2.54
0 0 0 0 0 0 0 0 0


sdN=43.1
fwN=2.48
sdE=534.1
fwE=2.29
20251119T040725.0001.fits
SecZ=1.45
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.4 15.6 18.5
ALT/AZ=43.7 -15.2
fwAVG=2.43
sdW=10.0
fwW=2.32
sdS=122.4
fwS=2.65
0 0 0 0 0 0 0 0 0


sdN=45.7
fwN=2.34
sdE=530.9
fwE=2.25
20251119T040756.0001.fits
SecZ=1.45
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.4 15.6 18.5
ALT/AZ=43.7 -15.3
fwAVG=2.23
sdW=11.0
fwW=2.04
sdS=138.6
fwS=2.30
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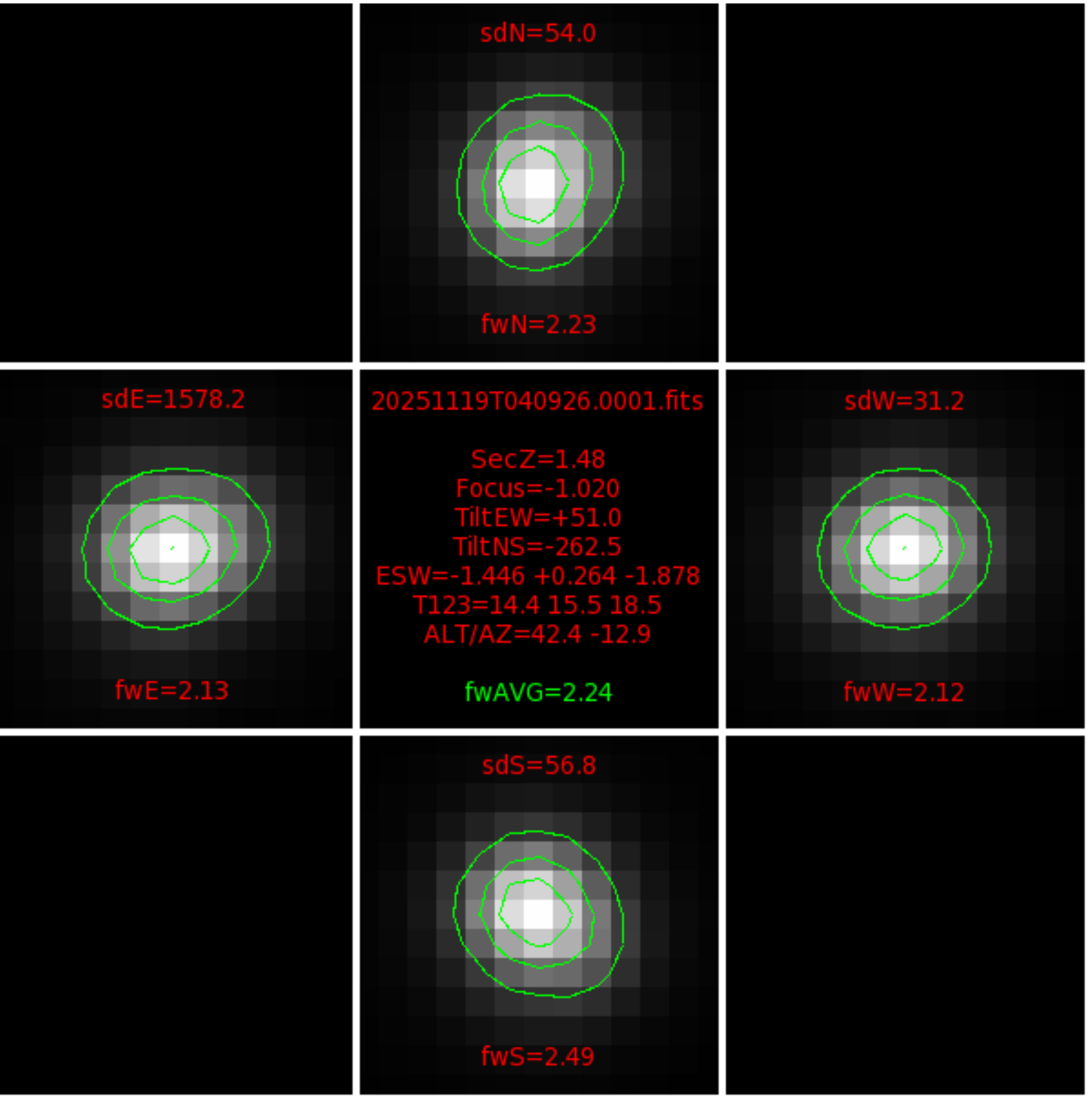
sdN=54.0
fwN=2.23
sdE=1578.2
fwE=2.13
20251119T040926.0001.fits
SecZ=1.48
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.4 15.5 18.5
ALT/AZ=42.4 -12.9
fwAVG=2.24
sdW=31.2
fwW=2.12
sdS=56.8
fwS=2.49
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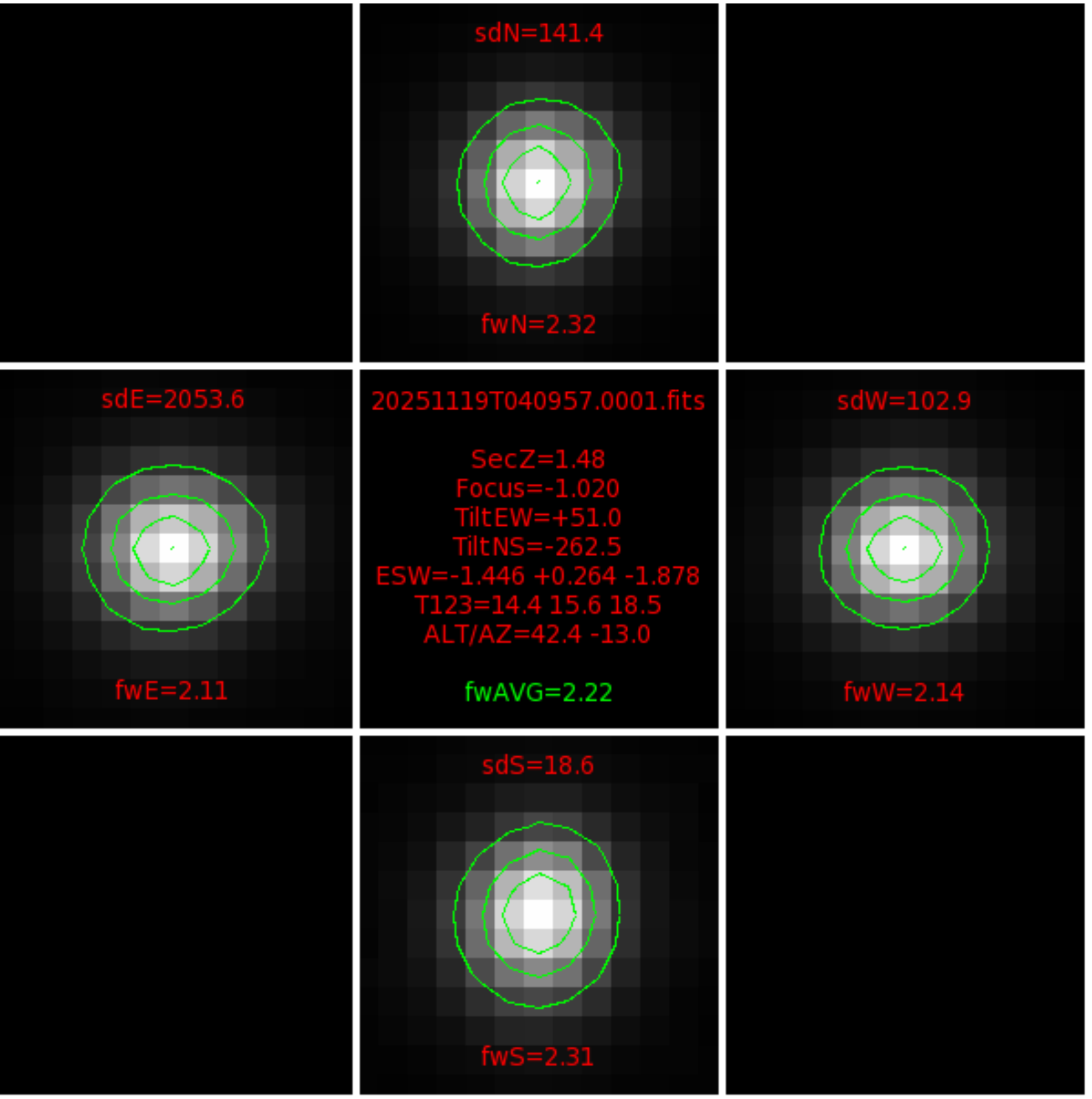
sdN=141.4
fwN=2.32
sdE=2053.6
fwE=2.11
20251119T040957.0001.fits
SecZ=1.48
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.4 15.6 18.5
ALT/AZ=42.4 -13.0
fwAVG=2.22
sdW=102.9
fwW=2.14
sdS=18.6
fwS=2.31
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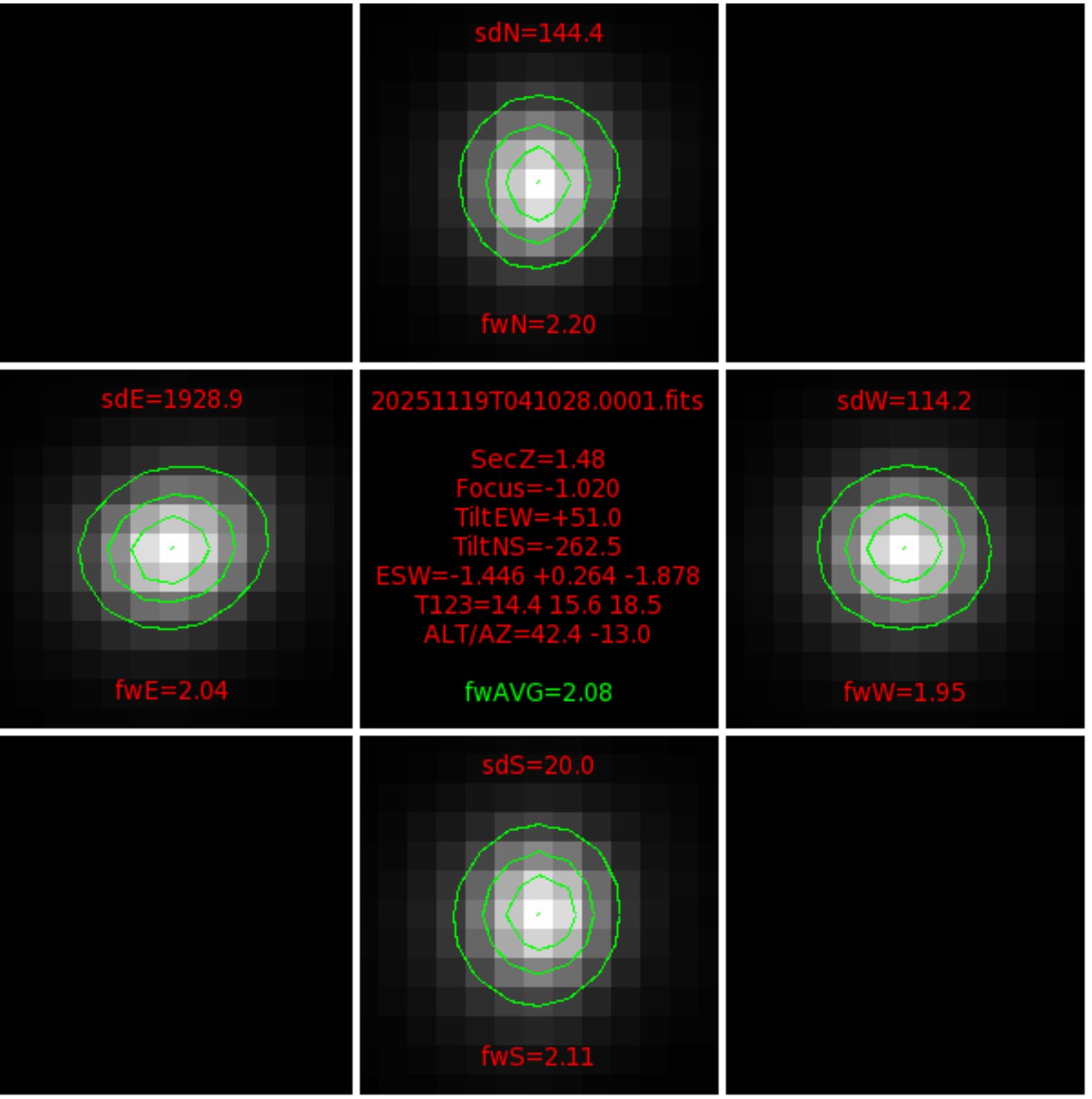
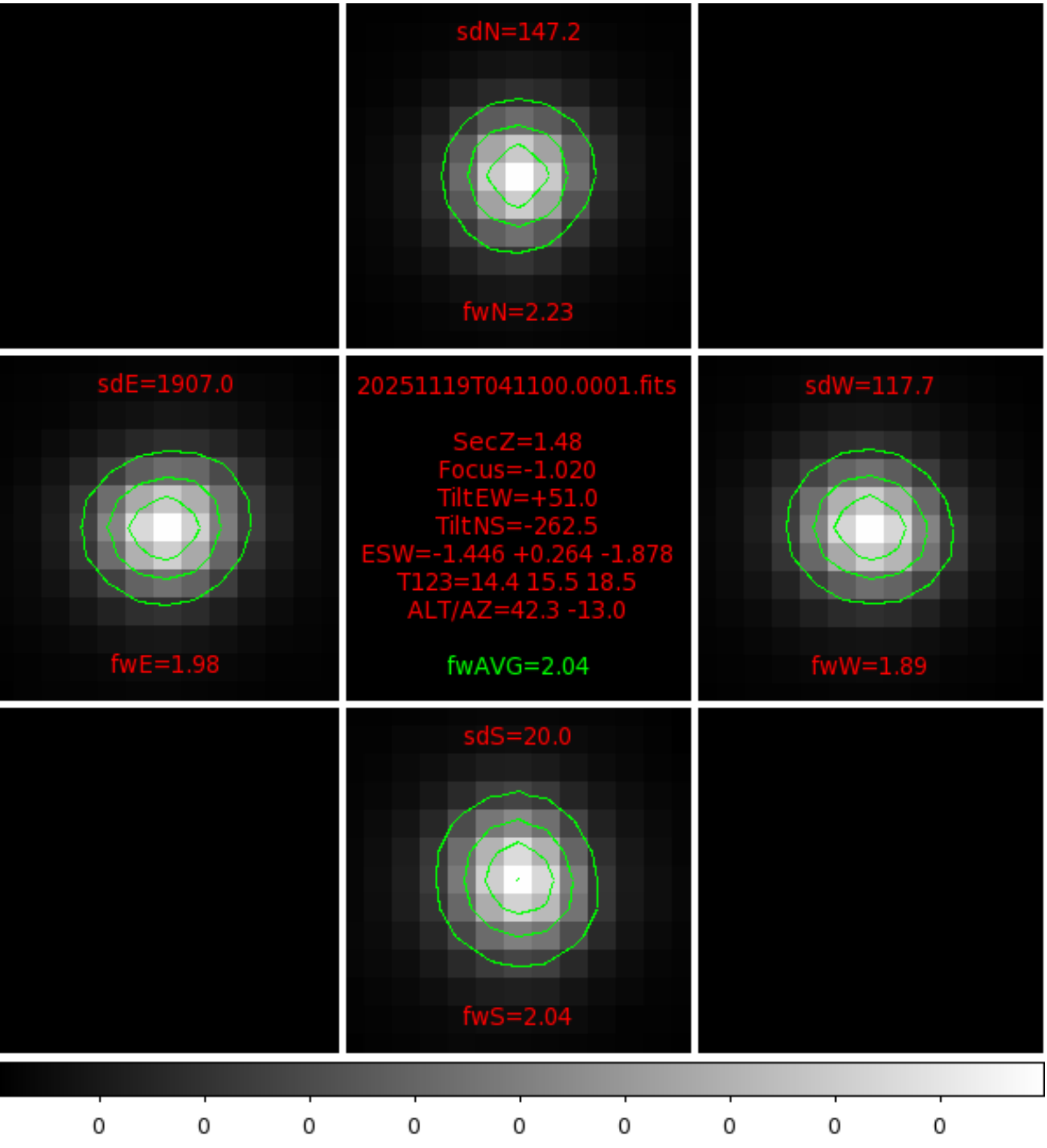
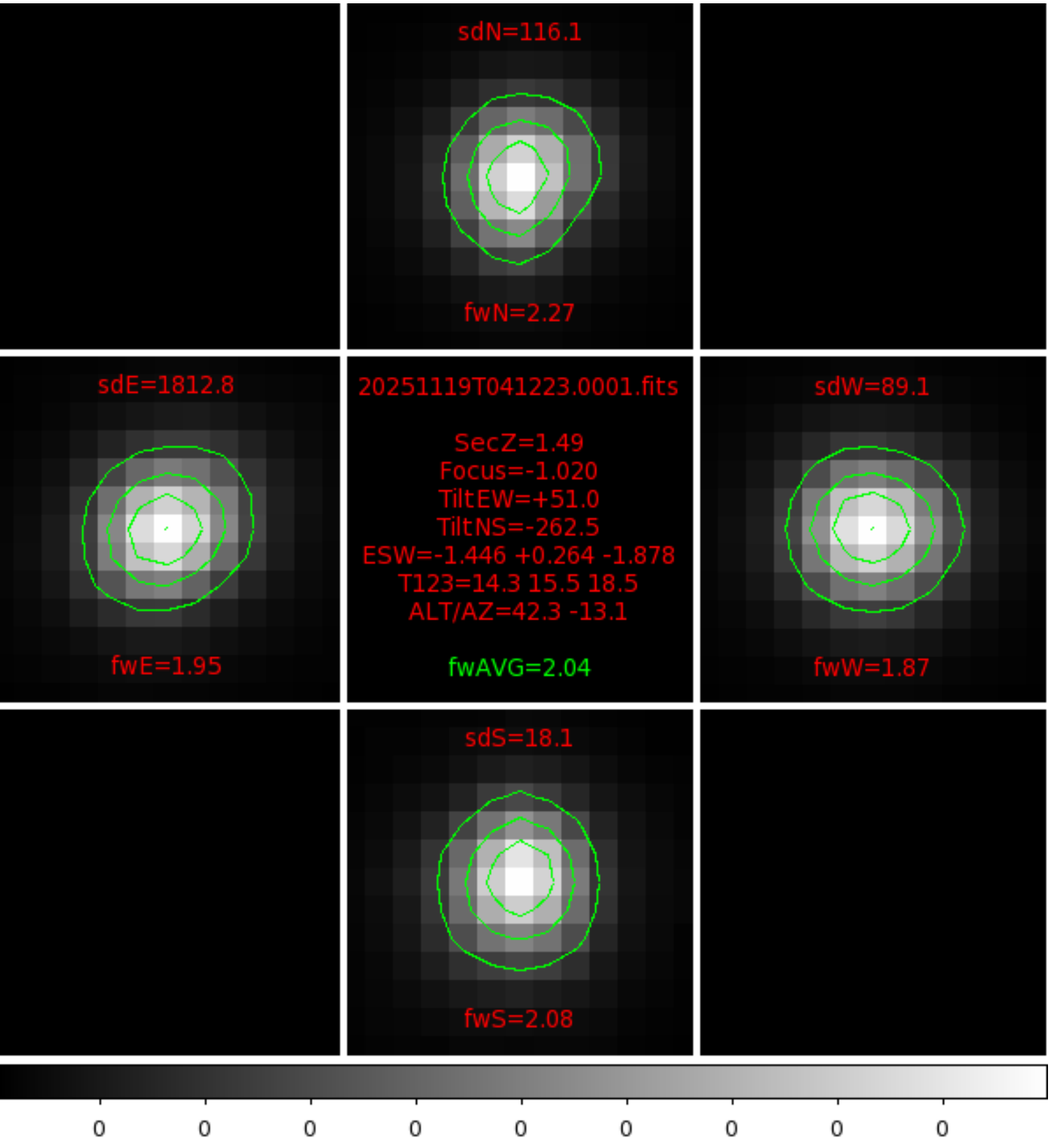

sdN=144.4
fwN=2.20
sdE=1928.9
fwE=2.04
20251119T041028.0001.fits
SecZ=1.48
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.4 15.6 18.5
ALT/AZ=42.4 -13.0
fwAVG=2.08
sdW=114.2
fwW=1.95
sdS=20.0
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=147.2
fwN=2.23
sdE=1907.0
fwE=1.98
20251119T041100.0001.fits
SecZ=1.48
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.4 15.5 18.5
ALT/AZ=42.3 -13.0
fwAVG=2.04
sdW=117.7
fwW=1.89
sdS=20.0
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=116.1
fwN=2.27
sdE=1812.8
fwE=1.95
20251119T041223.0001.fits
SecZ=1.49
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.3 15.5 18.5
ALT/AZ=42.3 -13.1
fwAVG=2.04
sdW=89.1
fwW=1.87
sdS=18.1
fwS=2.08
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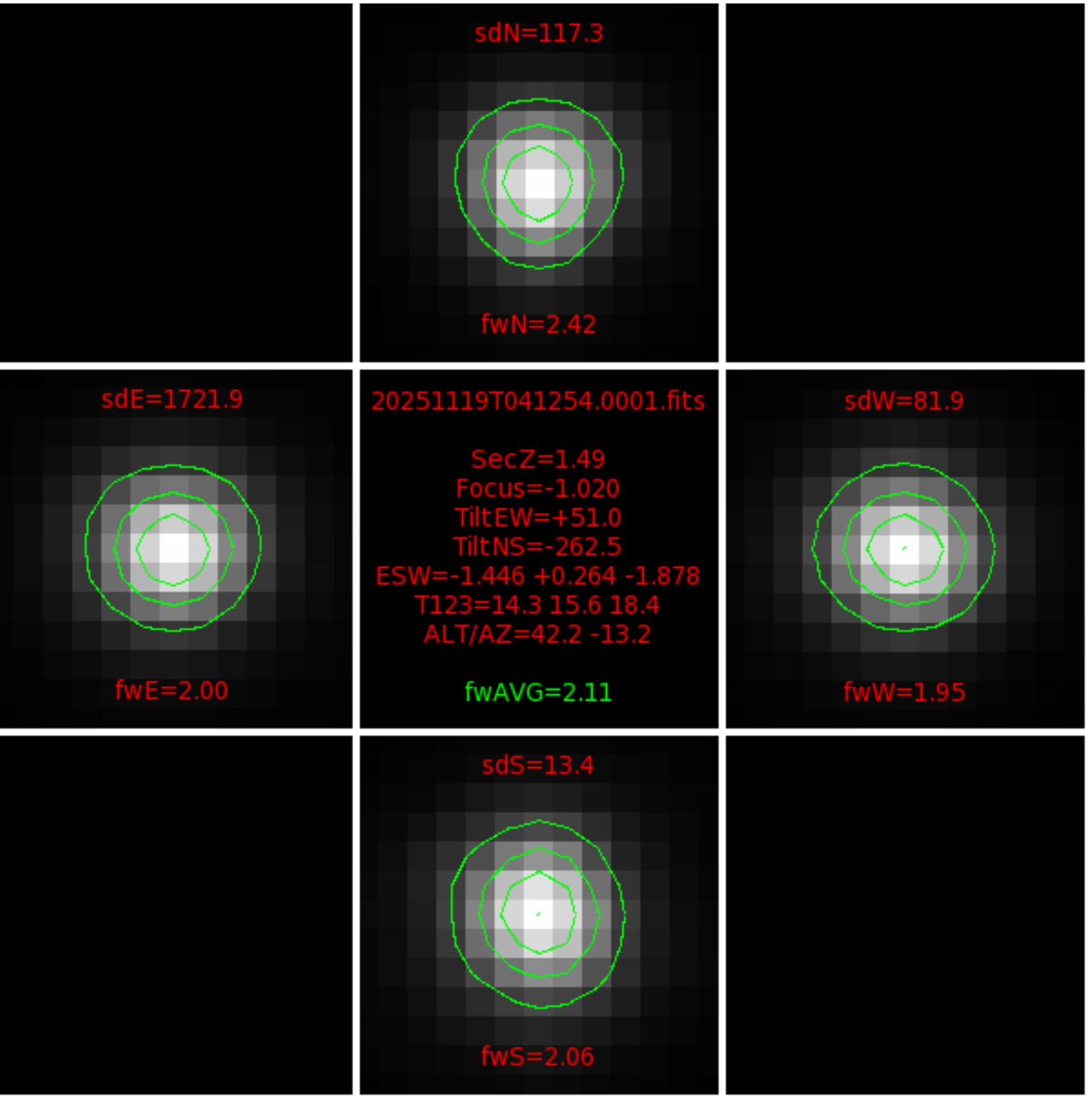
sdN=117.3
fwN=2.42
sdE=1721.9
fwE=2.00
20251119T041254.0001.fits
SecZ=1.49
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.3 15.6 18.4
ALT/AZ=42.2 -13.2
fwAVG=2.11
sdW=81.9
fwW=1.95
sdS=13.4
fwS=2.06
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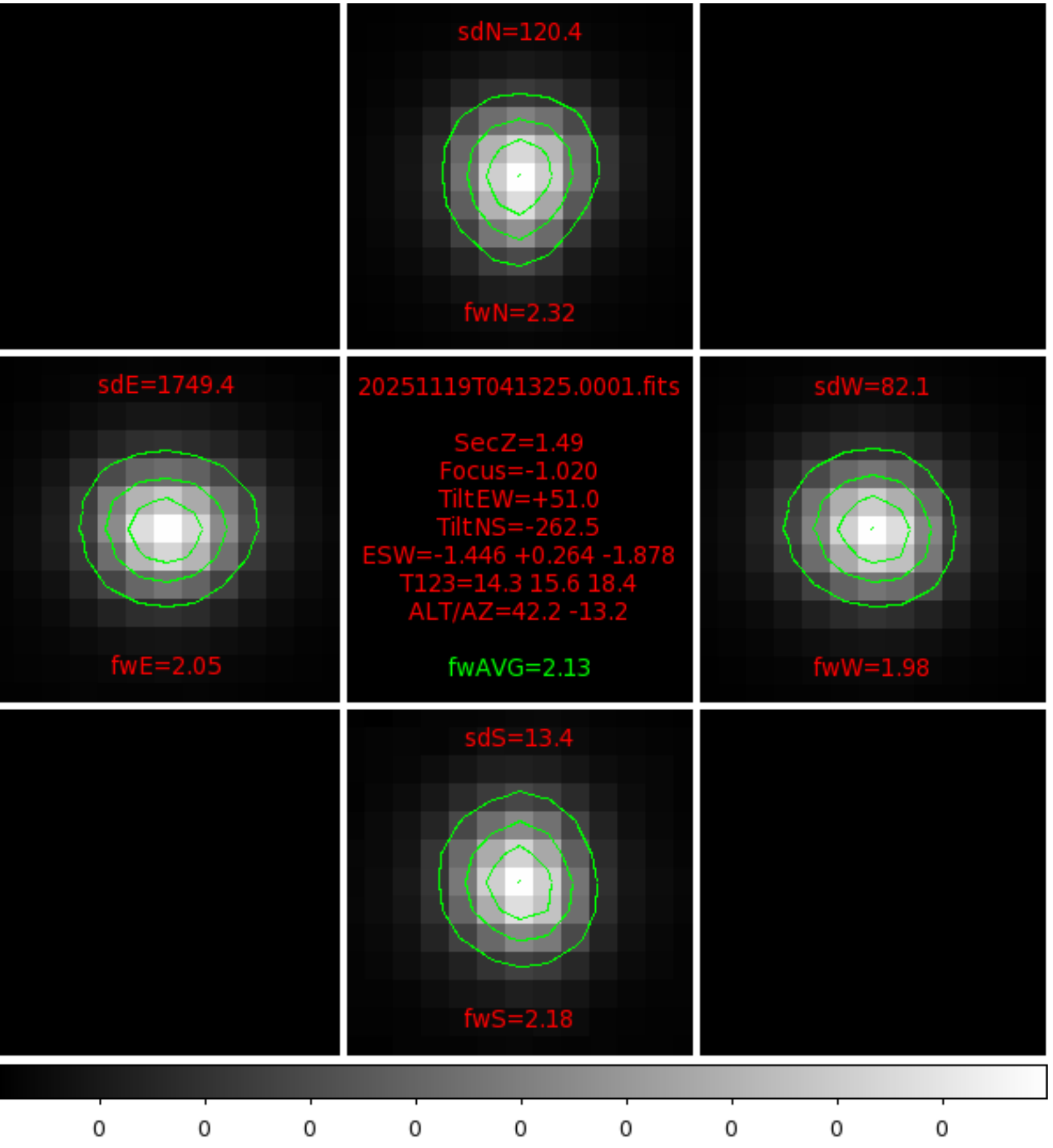
sdN=120.4
fwN=2.32
sdE=1749.4
fwE=2.05
20251119T041325.0001.fits
SecZ=1.49
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.3 15.6 18.4
ALT/AZ=42.2 -13.2
fwAVG=2.13
sdW=82.1
fwW=1.98
sdS=13.4
fwS=2.18
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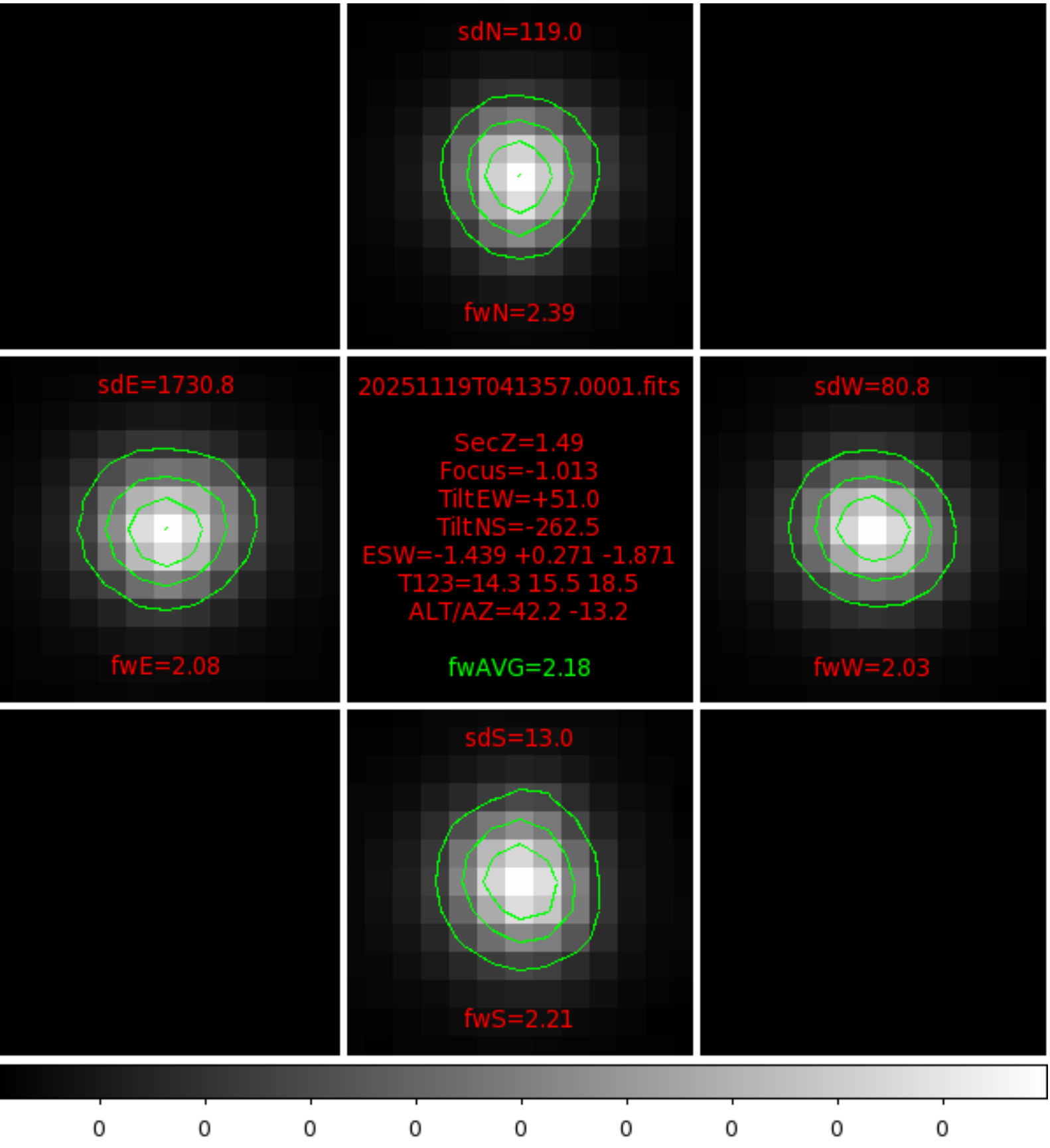
sdN=119.0
fwN=2.39
sdE=1730.8
fwE=2.08
20251119T041357.0001.fits
SecZ=1.49
Focus=-1.013
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.439 +0.271 -1.871
T123=14.3 15.5 18.5
ALT/AZ=42.2 -13.2
fwAVG=2.18
sdW=80.8
fwW=2.03
sdS=13.0
fwS=2.21
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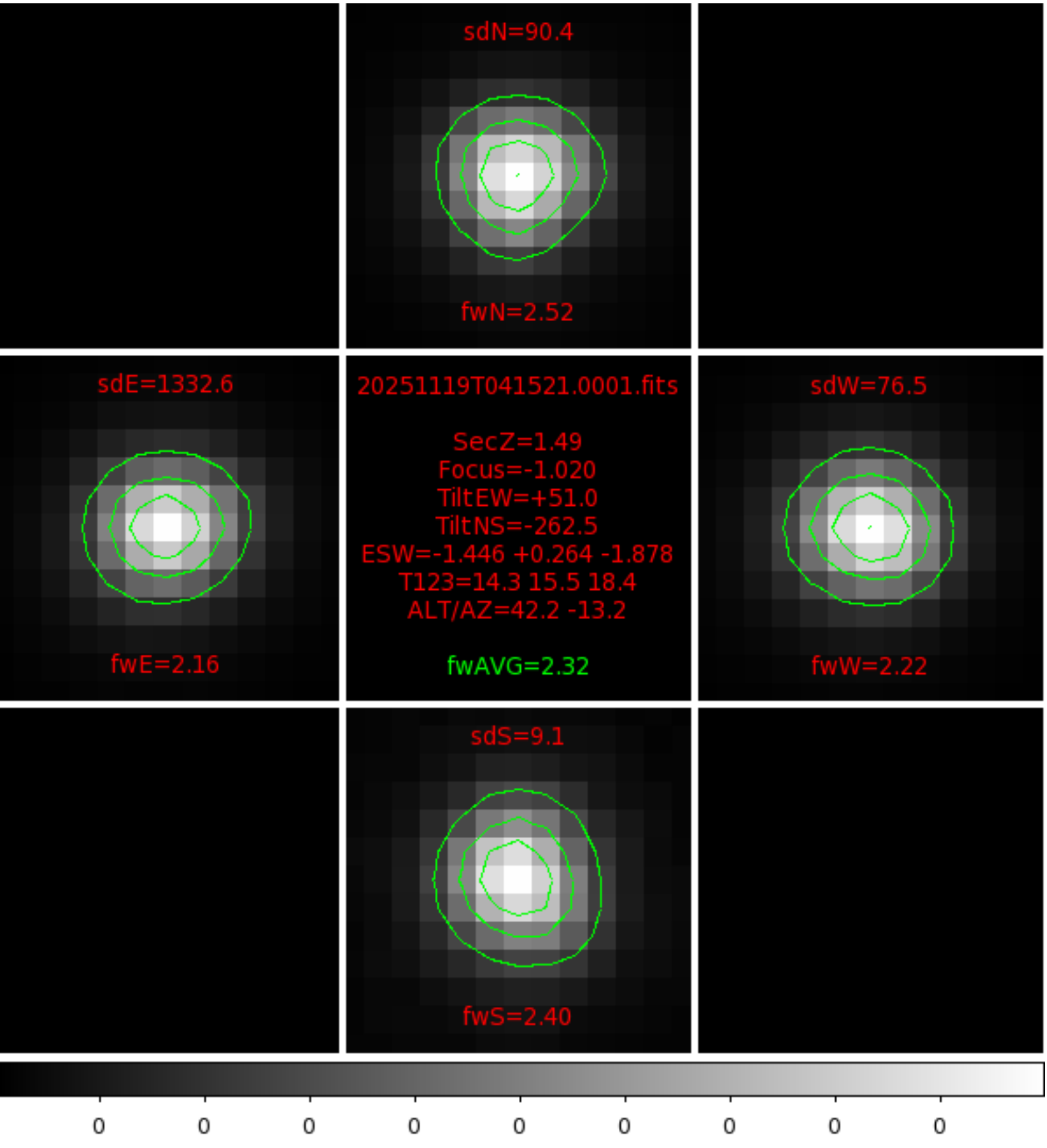
sdN=90.4
fwN=2.52
sdE=1332.6
fwE=2.16
20251119T041521.0001.fits
SecZ=1.49
Focus=-1.020
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.446 +0.264 -1.878
T123=14.3 15.5 18.4
ALT/AZ=42.2 -13.2
fwAVG=2.32
sdW=76.5
fwW=2.22
sdS=9.1
fwS=2.40
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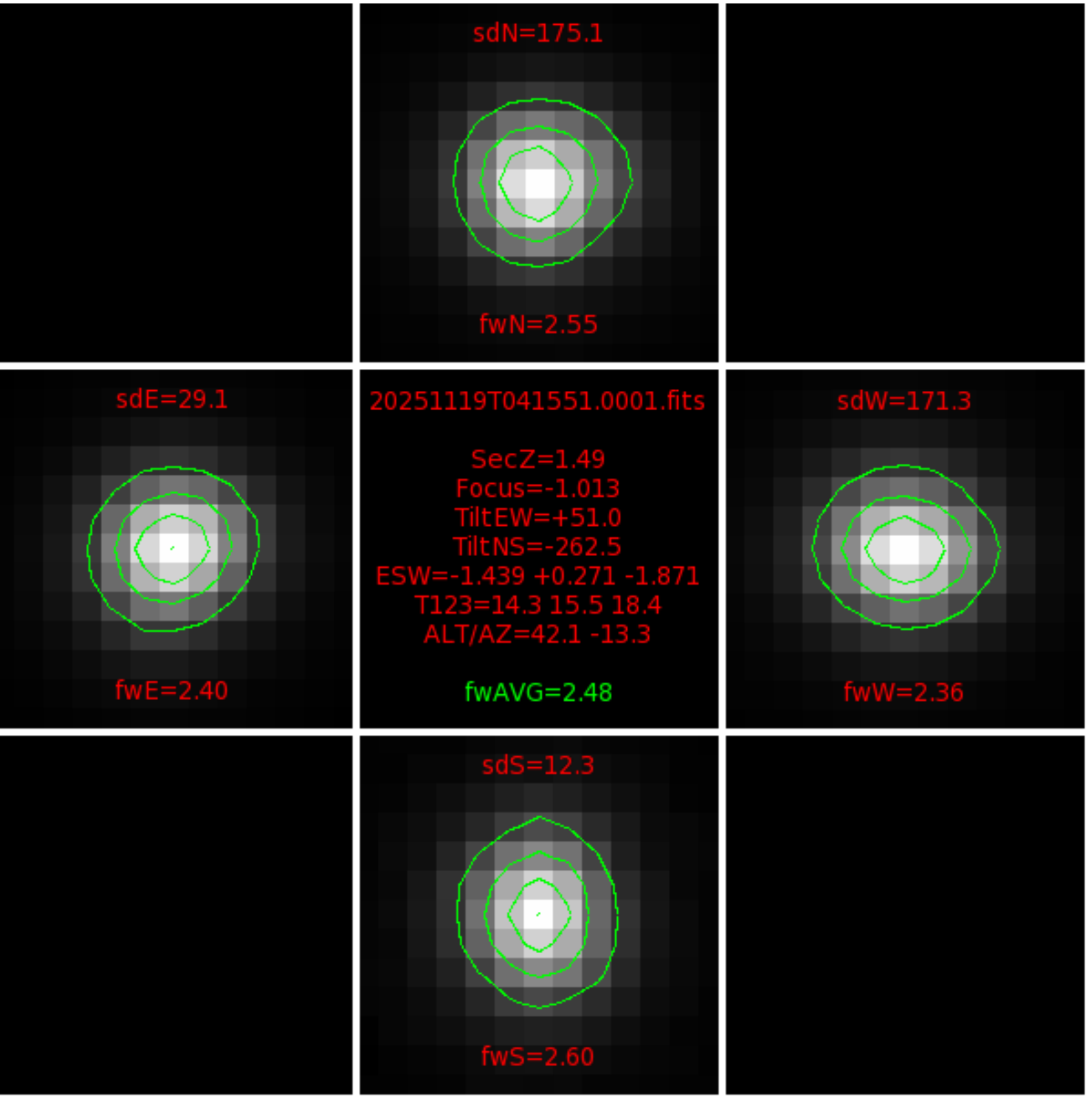
sdN=175.1
fwN=2.55
sdE=29.1
fwE=2.40
20251119T041551.0001.fits
SecZ=1.49
Focus=-1.013
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.439 +0.271 -1.871
T123=14.3 15.5 18.4
ALT/AZ=42.1 -13.3
fwAVG=2.48
sdW=171.3
fwW=2.36
sdS=12.3
fwS=2.60
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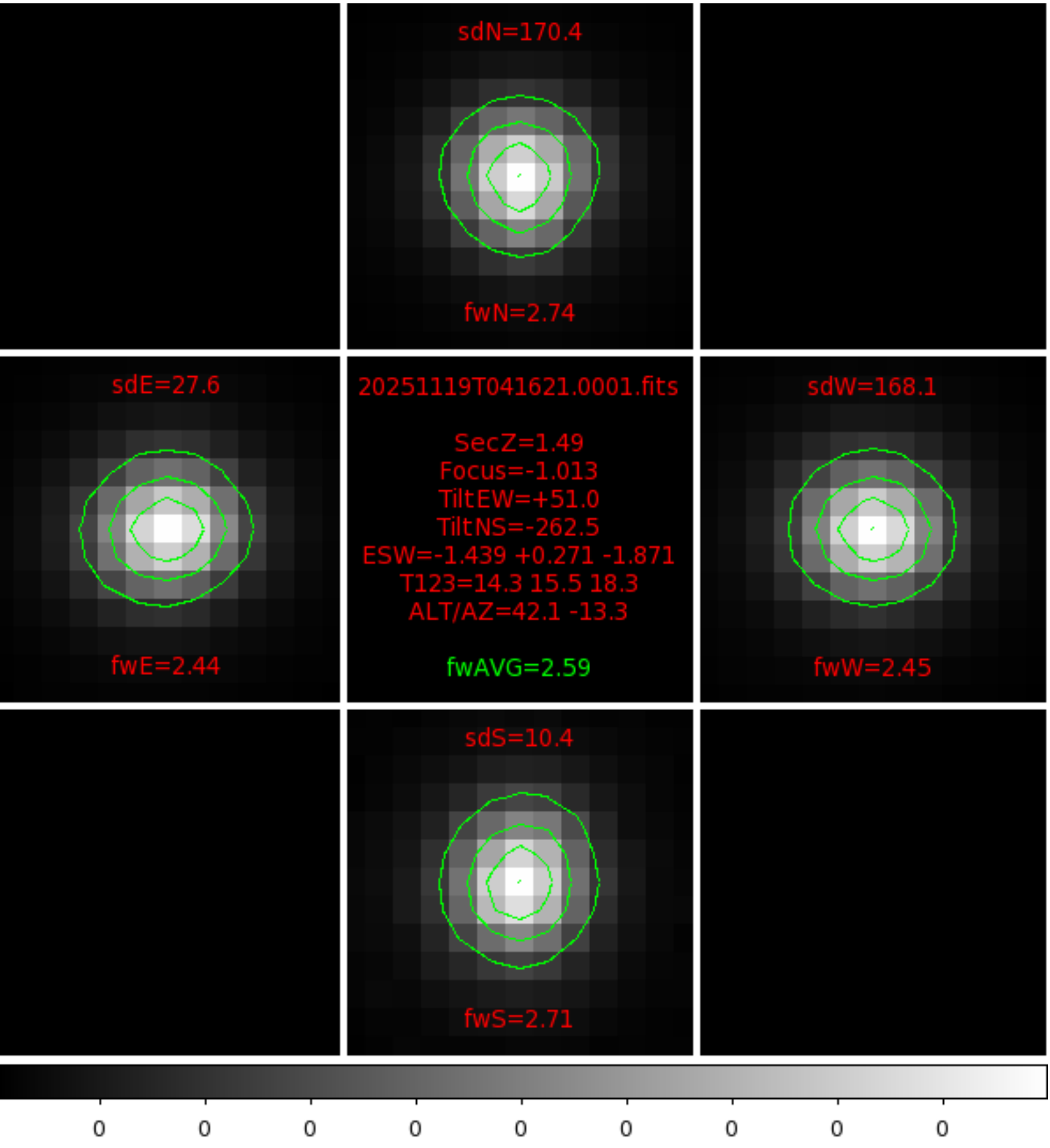
sdN=170.4
fwN=2.74
sdE=27.6
fwE=2.44
20251119T041621.0001.fits
SecZ=1.49
Focus=-1.013
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.439 +0.271 -1.871
T123=14.3 15.5 18.3
ALT/AZ=42.1 -13.3
fwAVG=2.59
sdW=168.1
fwW=2.45
sdS=10.4
fwS=2.71
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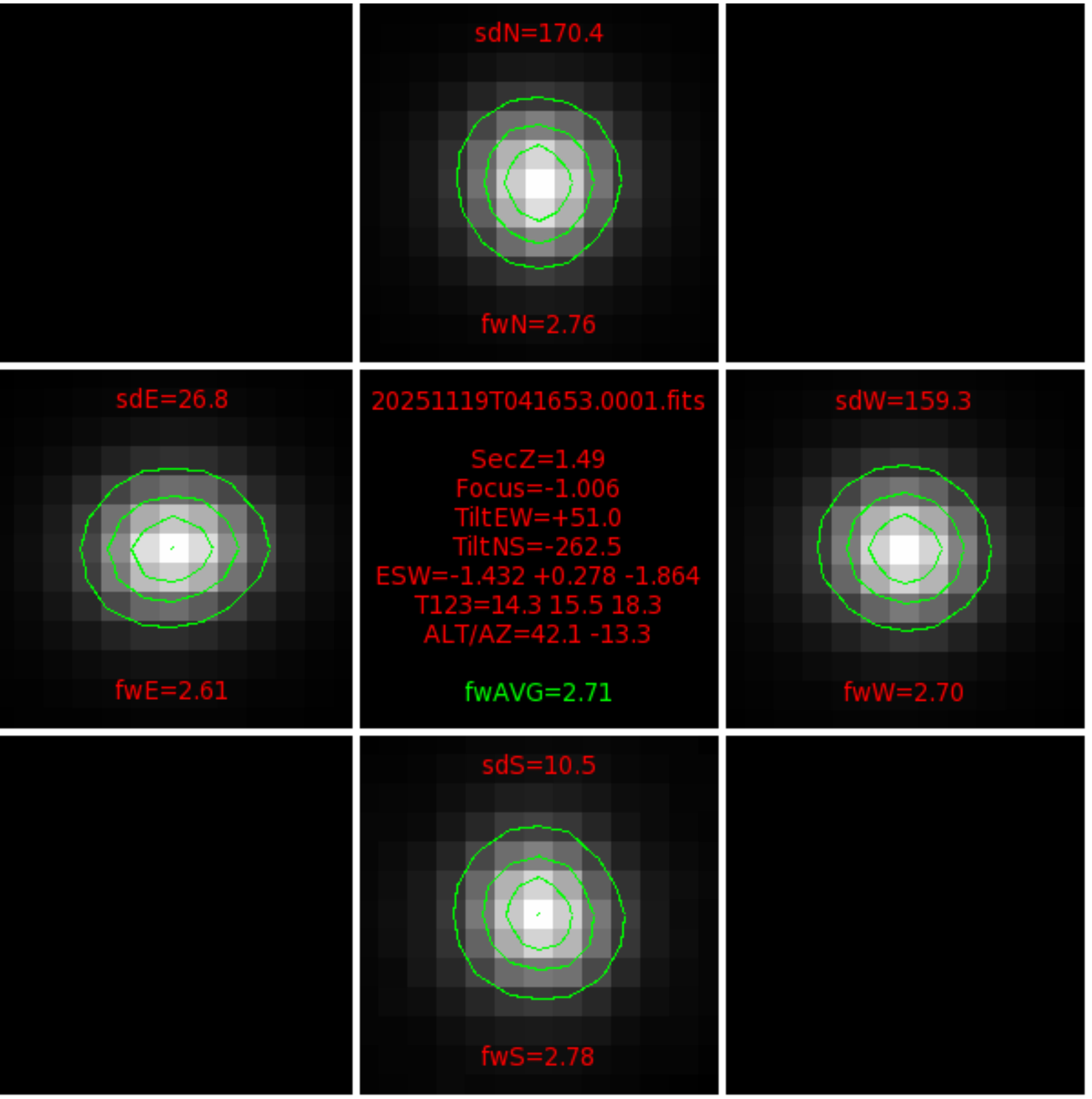
sdN=170.4
fwN=2.76
sdE=26.8
fwE=2.61
20251119T041653.0001.fits
SecZ=1.49
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.3 15.5 18.3
ALT/AZ=42.1 -13.3
fwAVG=2.71
sdW=159.3
fwW=2.70
sdS=10.5
fwS=2.78
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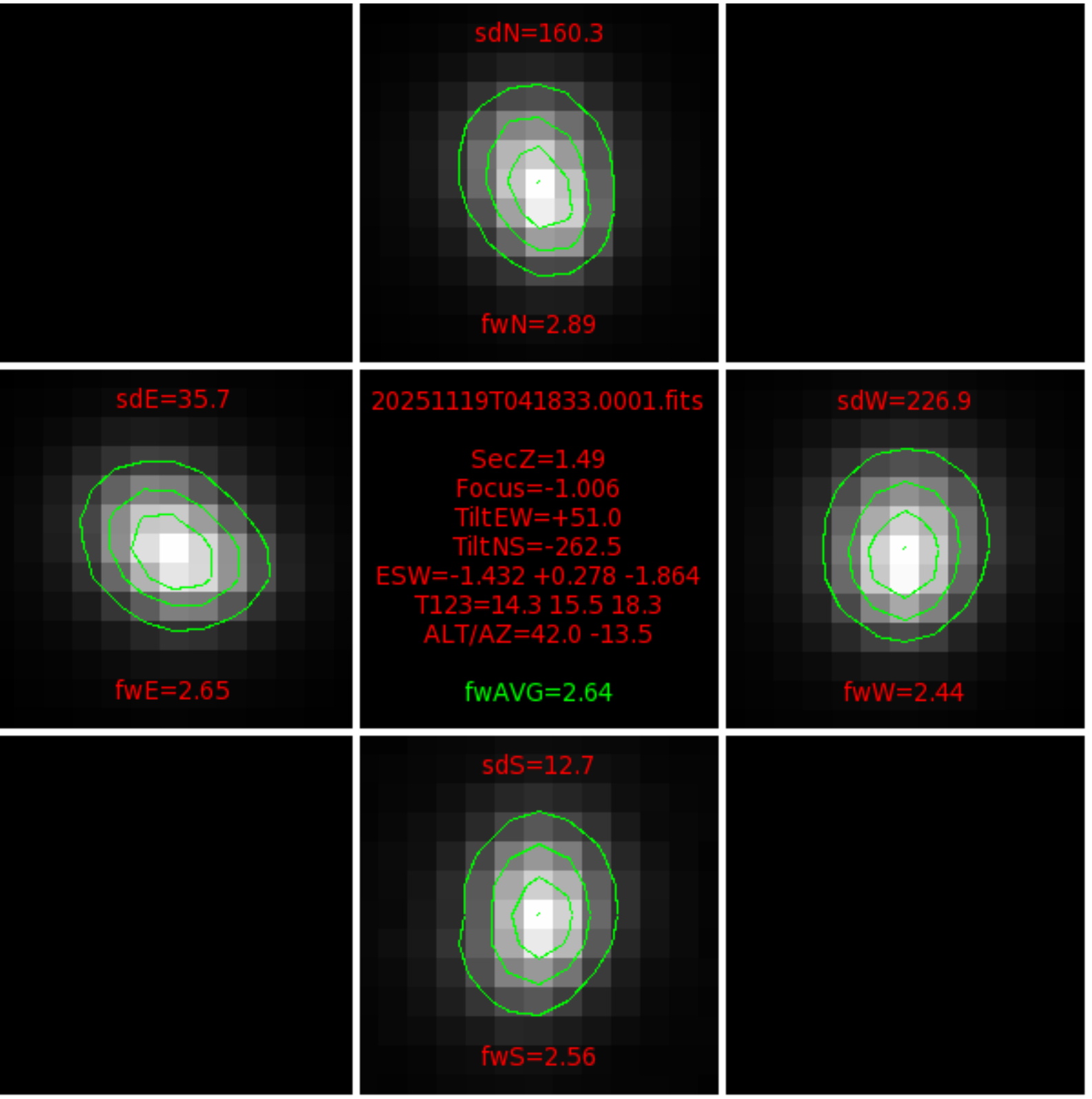
sdN=160.3
fwN=2.89
sdE=35.7
fwE=2.65
20251119T041833.0001.fits
SecZ=1.49
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.3 15.5 18.3
ALT/AZ=42.0 -13.5
fwAVG=2.64
sdW=226.9
fwW=2.44
sdS=12.7
fwS=2.56
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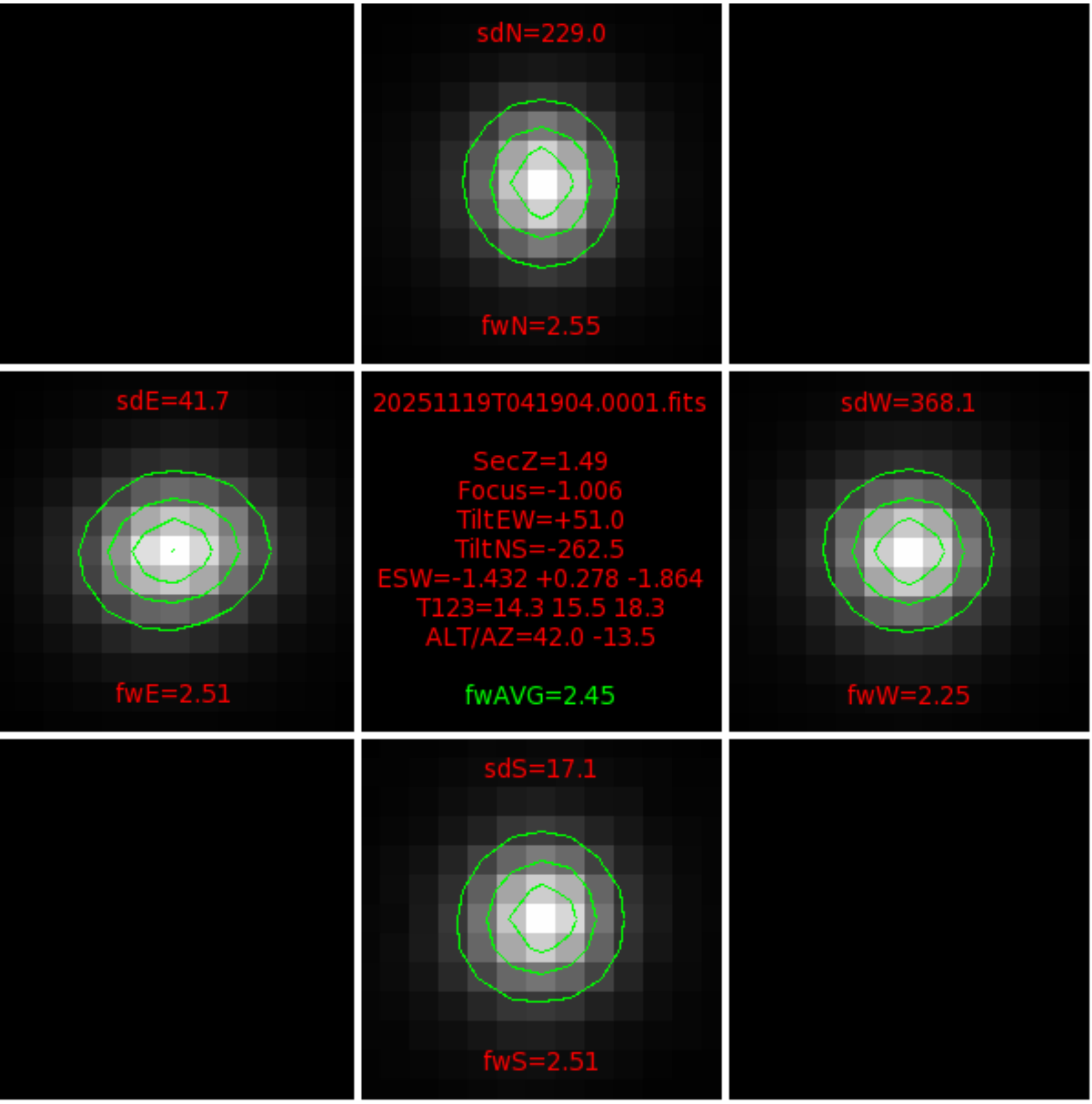
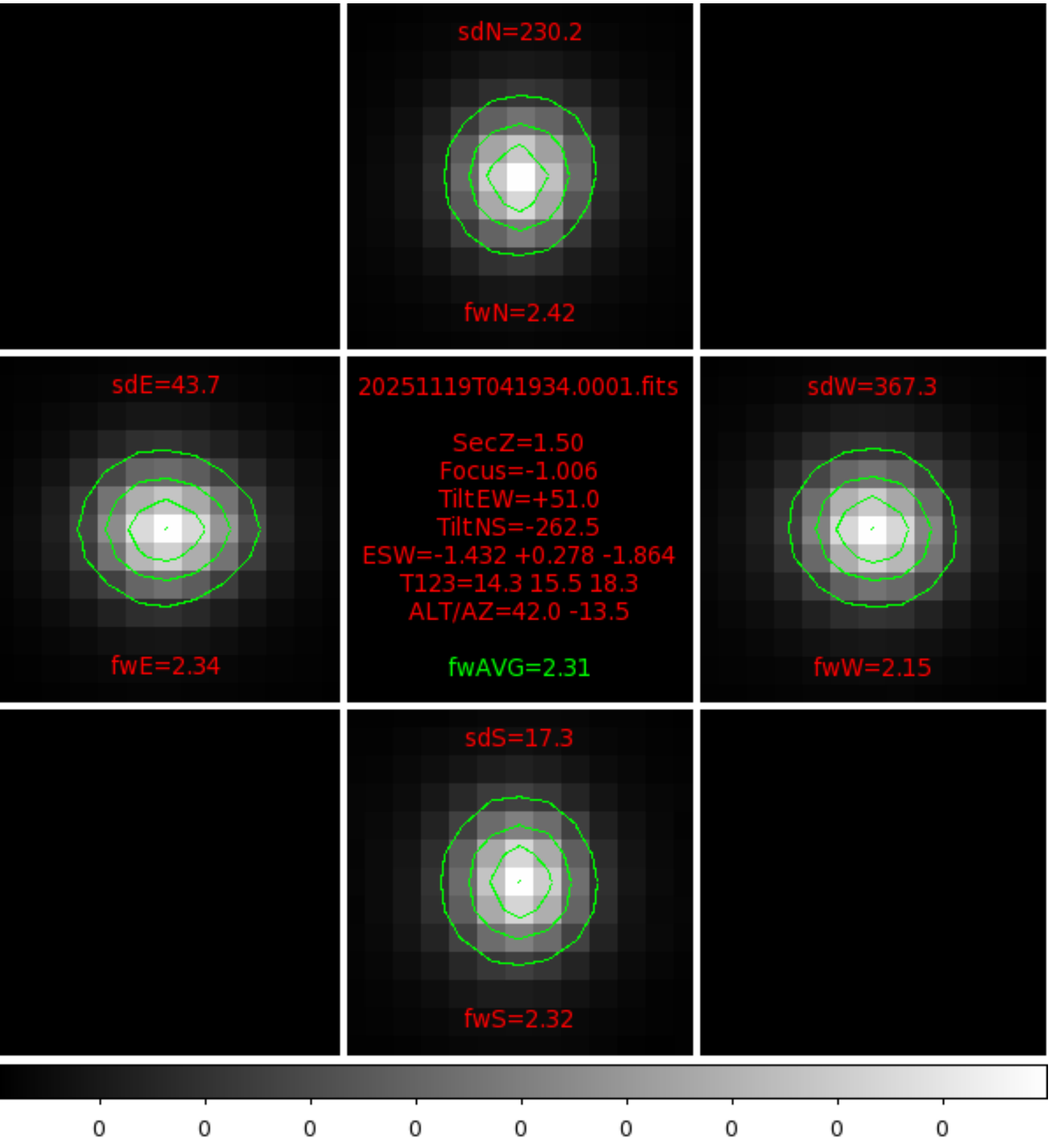
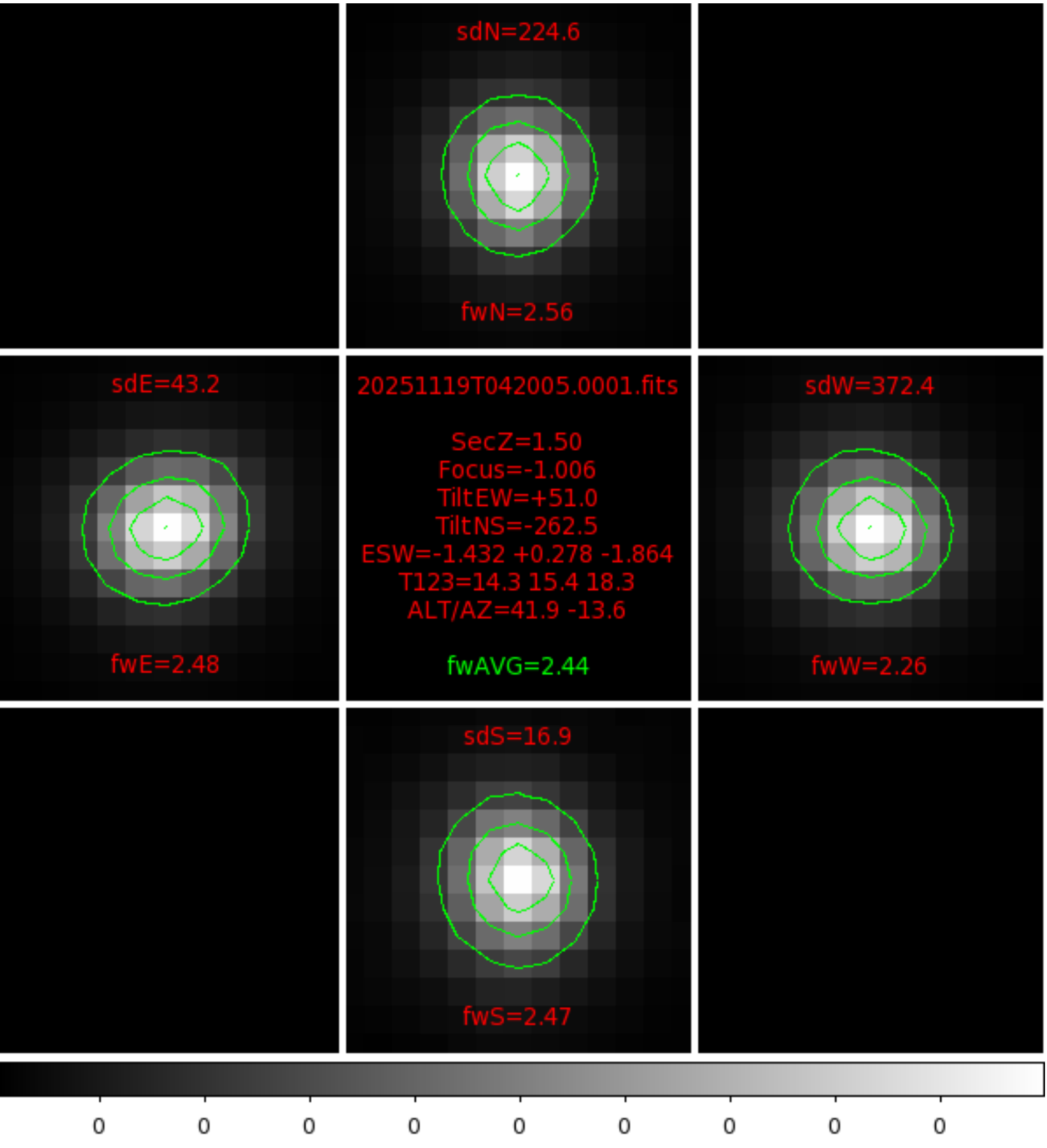

sdN=229.0
fwN=2.55
sdE=41.7
fwE=2.51
20251119T041904.0001.fits
SecZ=1.49
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.3 15.5 18.3
ALT/AZ=42.0 -13.5
fwAVG=2.45
sdW=368.1
fwW=2.25
sdS=17.1
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=230.2
fwN=2.42
sdE=43.7
fwE=2.34
20251119T041934.0001.fits
SecZ=1.50
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.3 15.5 18.3
ALT/AZ=42.0 -13.5
fwAVG=2.31
sdW=367.3
fwW=2.15
sdS=17.3
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=224.6
fwN=2.56
sdE=43.2
fwE=2.48
20251119T042005.0001.fits
SecZ=1.50
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.3 15.4 18.3
ALT/AZ=41.9 -13.6
fwAVG=2.44
sdW=372.4
fwW=2.26
sdS=16.9
fwS=2.47
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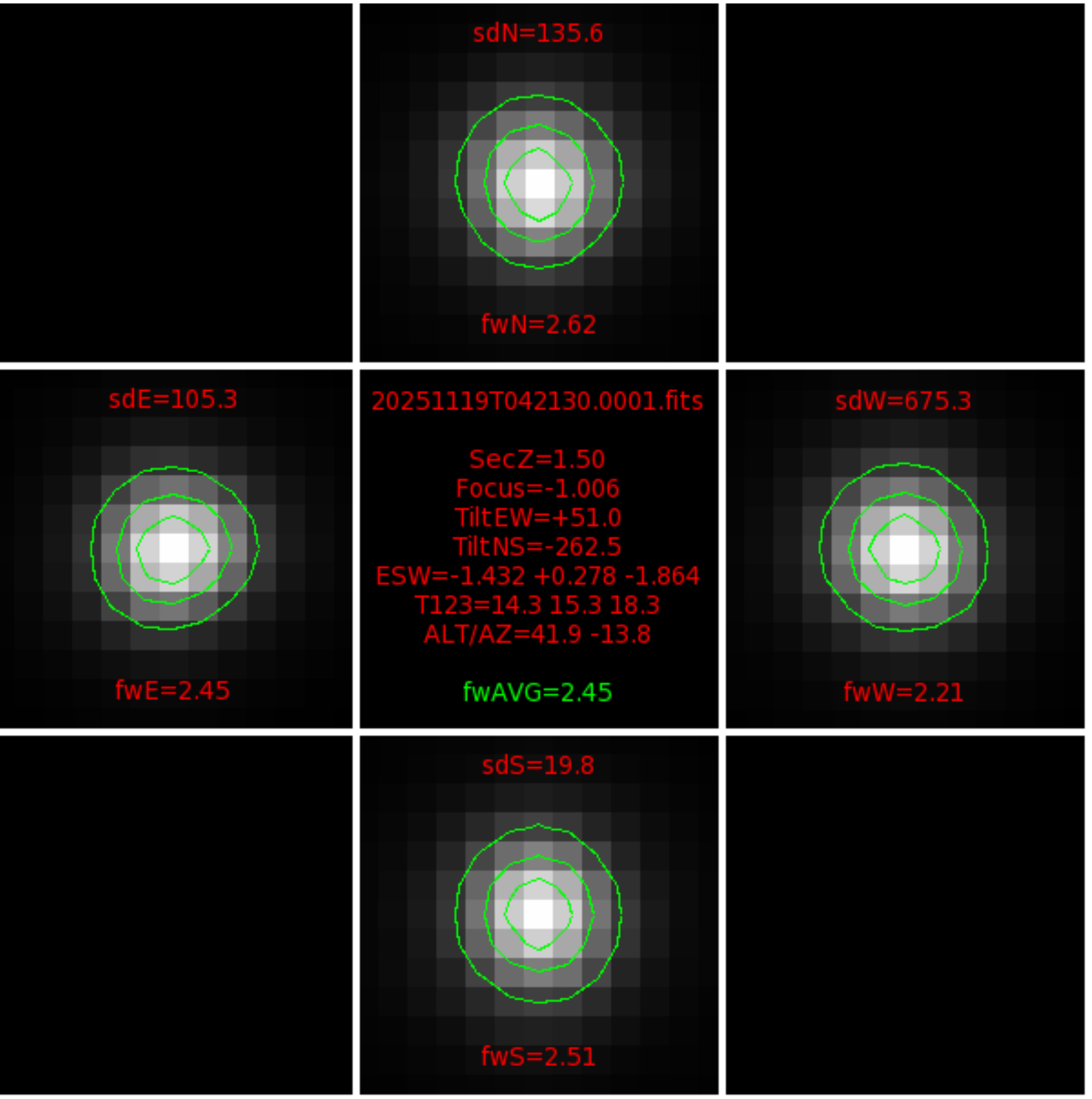
sdN=135.6
fwN=2.62
sdE=105.3
fwE=2.45
20251119T042130.0001.fits
SecZ=1.50
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.3 15.3 18.3
ALT/AZ=41.9 -13.8
fwAVG=2.45
sdW=675.3
fwW=2.21
sdS=19.8
fwS=2.51
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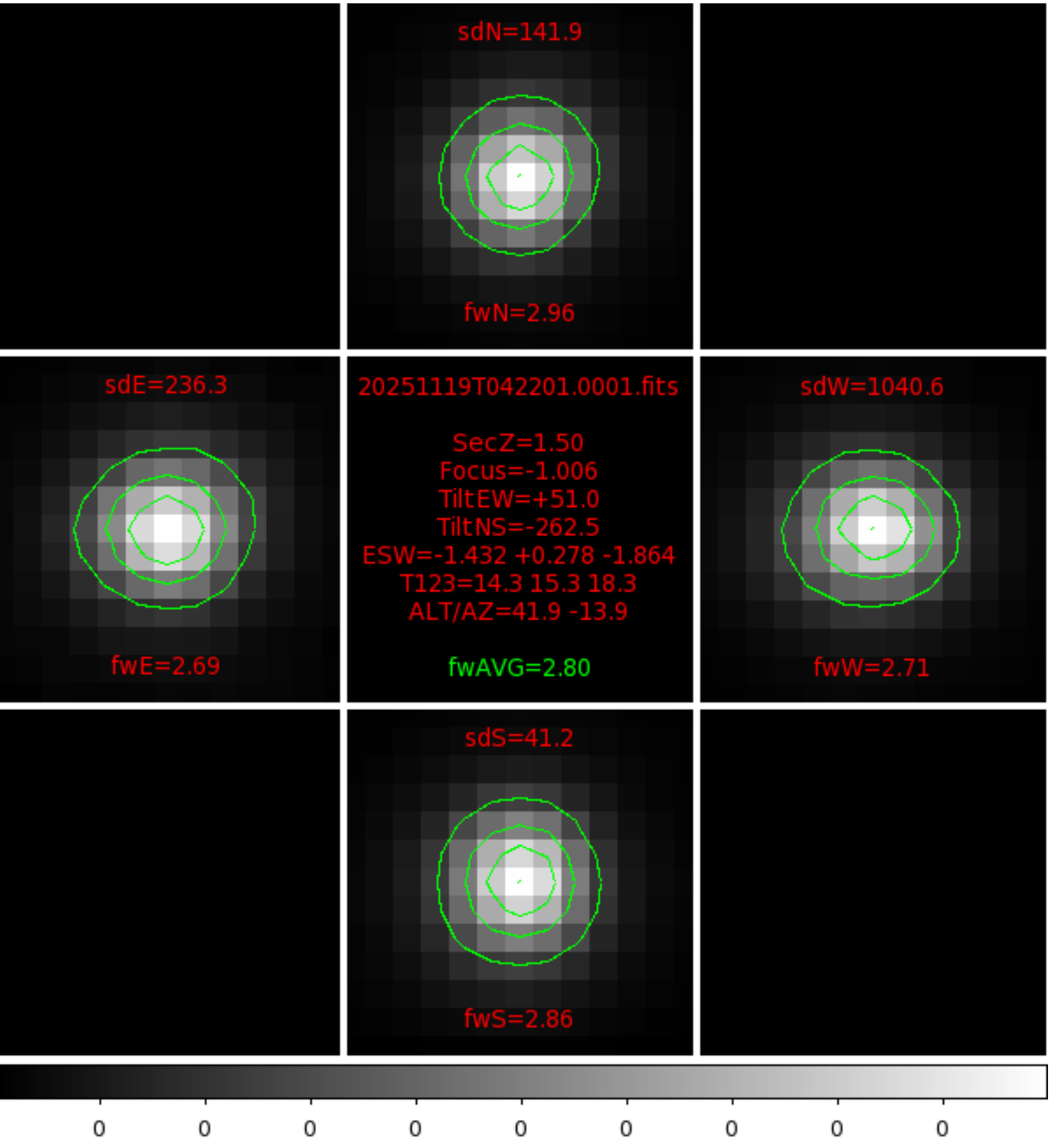
sdN=141.9
fwN=2.96
sdE=236.3
fwE=2.69
20251119T042201.0001.fits
SecZ=1.50
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.3 15.3 18.3
ALT/AZ=41.9 -13.9
fwAVG=2.80
sdW=1040.6
fwW=2.71
sdS=41.2
fwS=2.86
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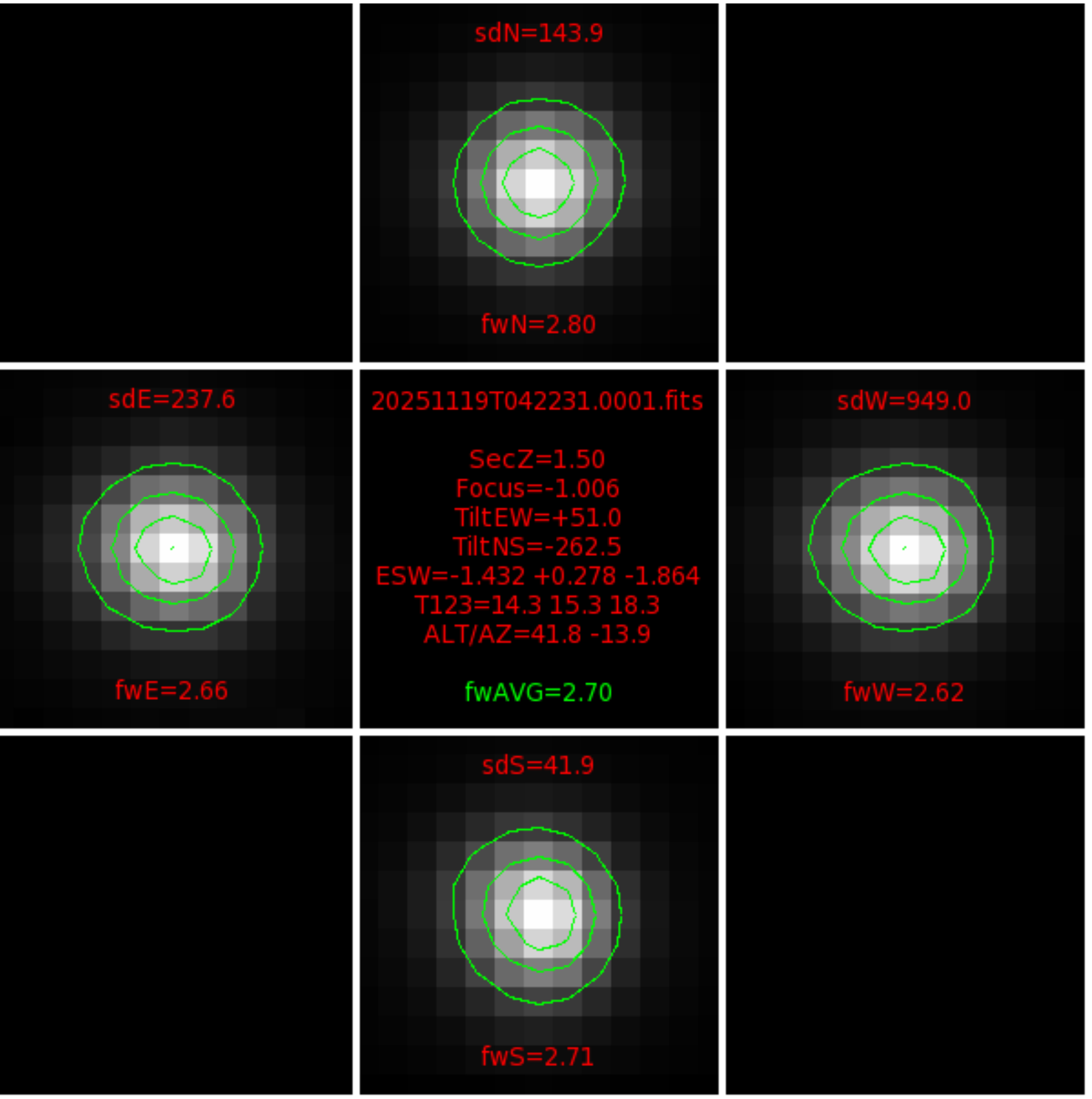
sdN=143.9
fwN=2.80
sdE=237.6
fwE=2.66
20251119T042231.0001.fits
SecZ=1.50
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.3 15.3 18.3
ALT/AZ=41.8 -13.9
fwAVG=2.70
sdW=949.0
fwW=2.62
sdS=41.9
fwS=2.71
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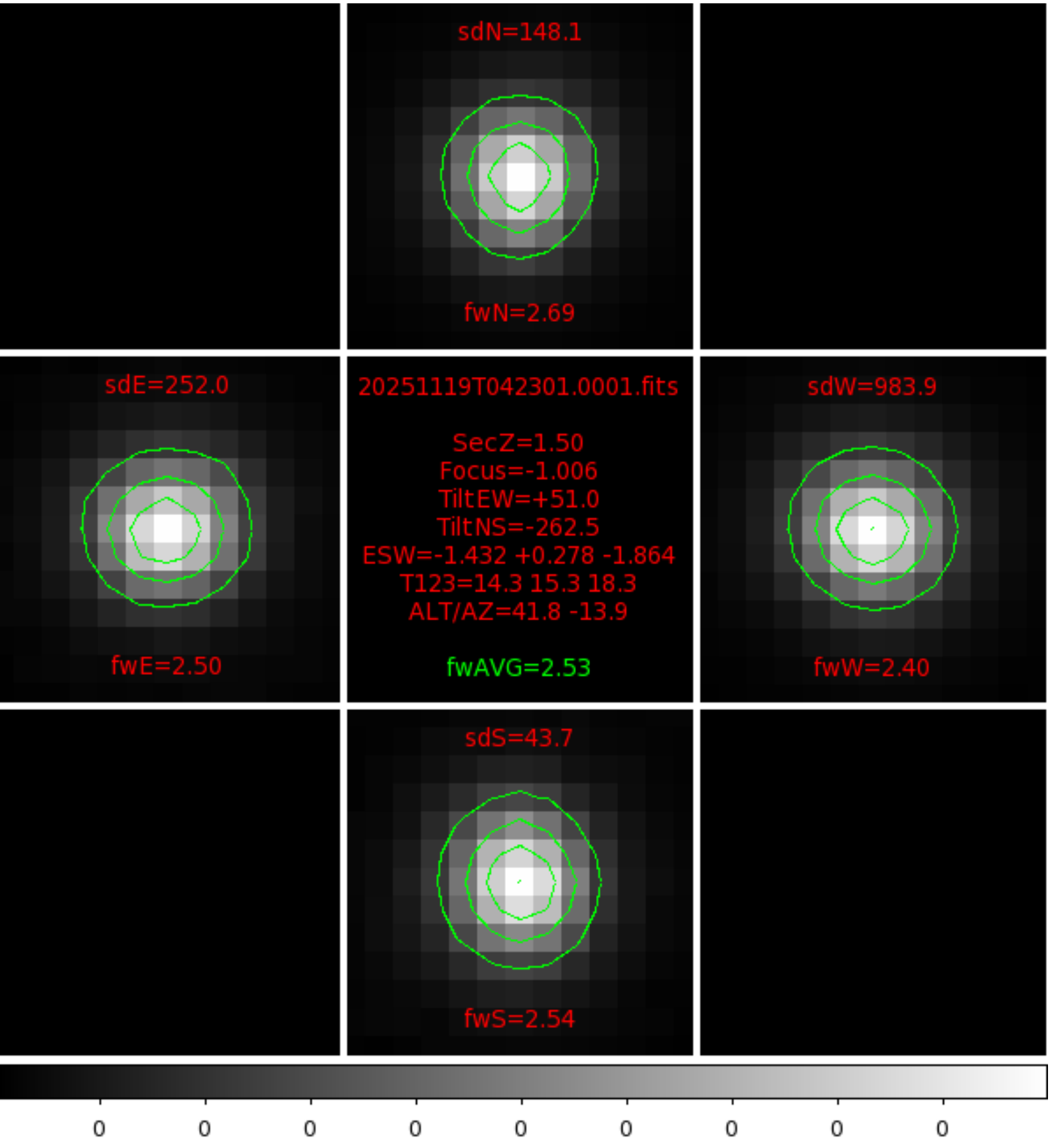
sdN=148.1
fwN=2.69
sdE=252.0
fwE=2.50
20251119T042301.0001.fits
SecZ=1.50
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.3 15.3 18.3
ALT/AZ=41.8 -13.9
fwAVG=2.53
sdW=983.9
fwW=2.40
sdS=43.7
fwS=2.54
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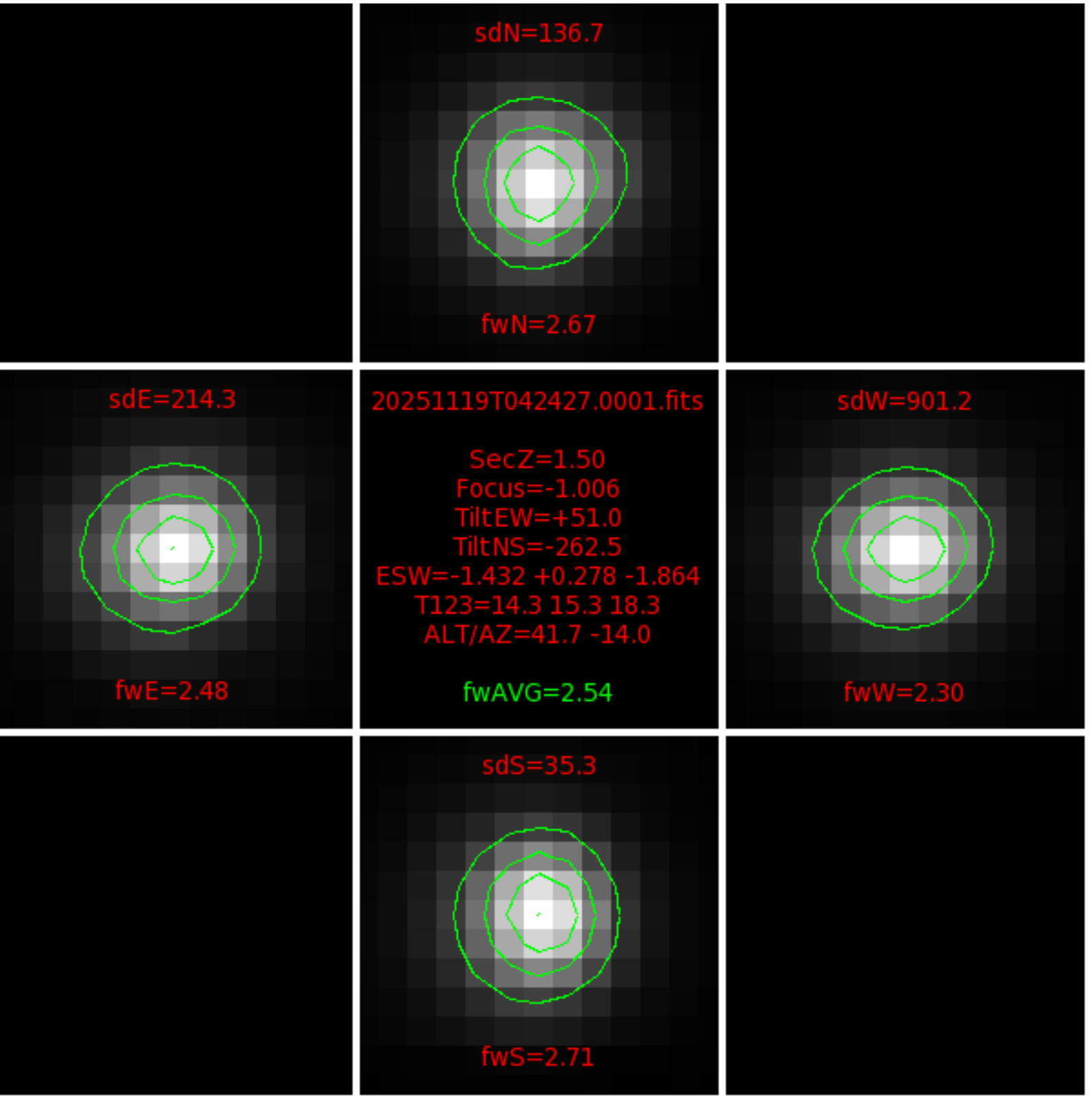
sdN=136.7
fwN=2.67
sdE=214.3
fwE=2.48
20251119T042427.0001.fits
SecZ=1.50
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.3 15.3 18.3
ALT/AZ=41.7 -14.0
fwAVG=2.54
sdW=901.2
fwW=2.30
sdS=35.3
fwS=2.71
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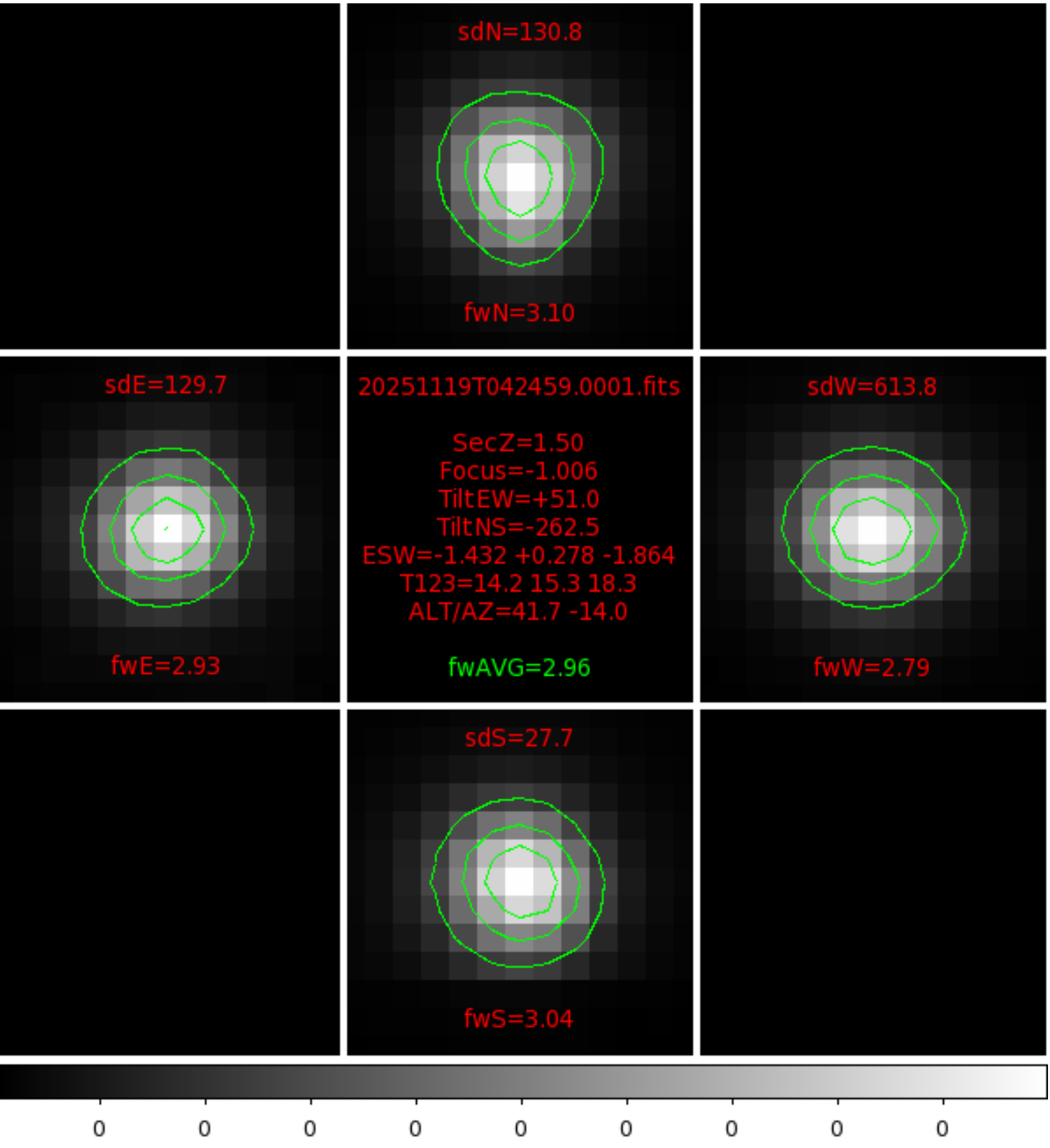
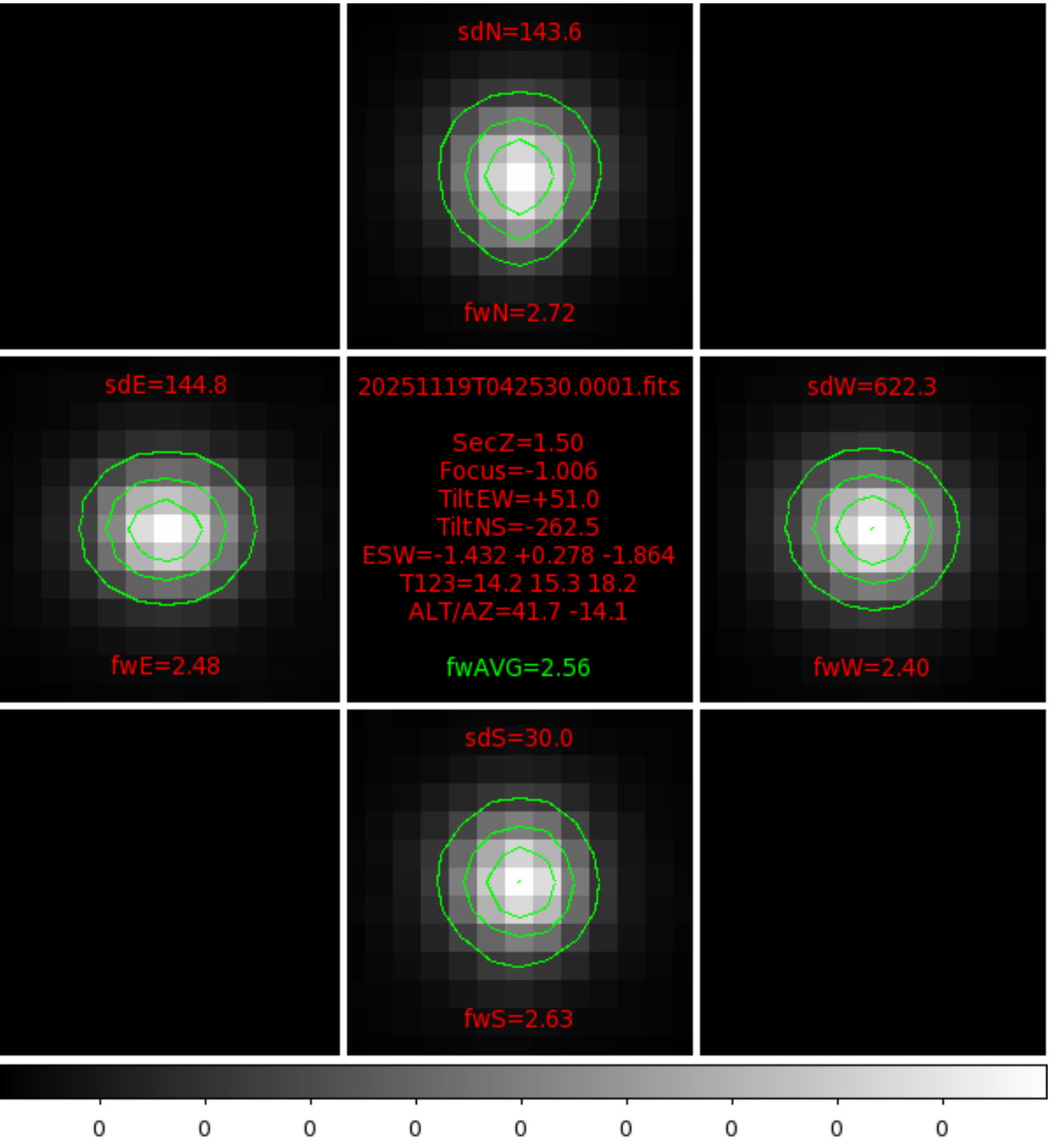
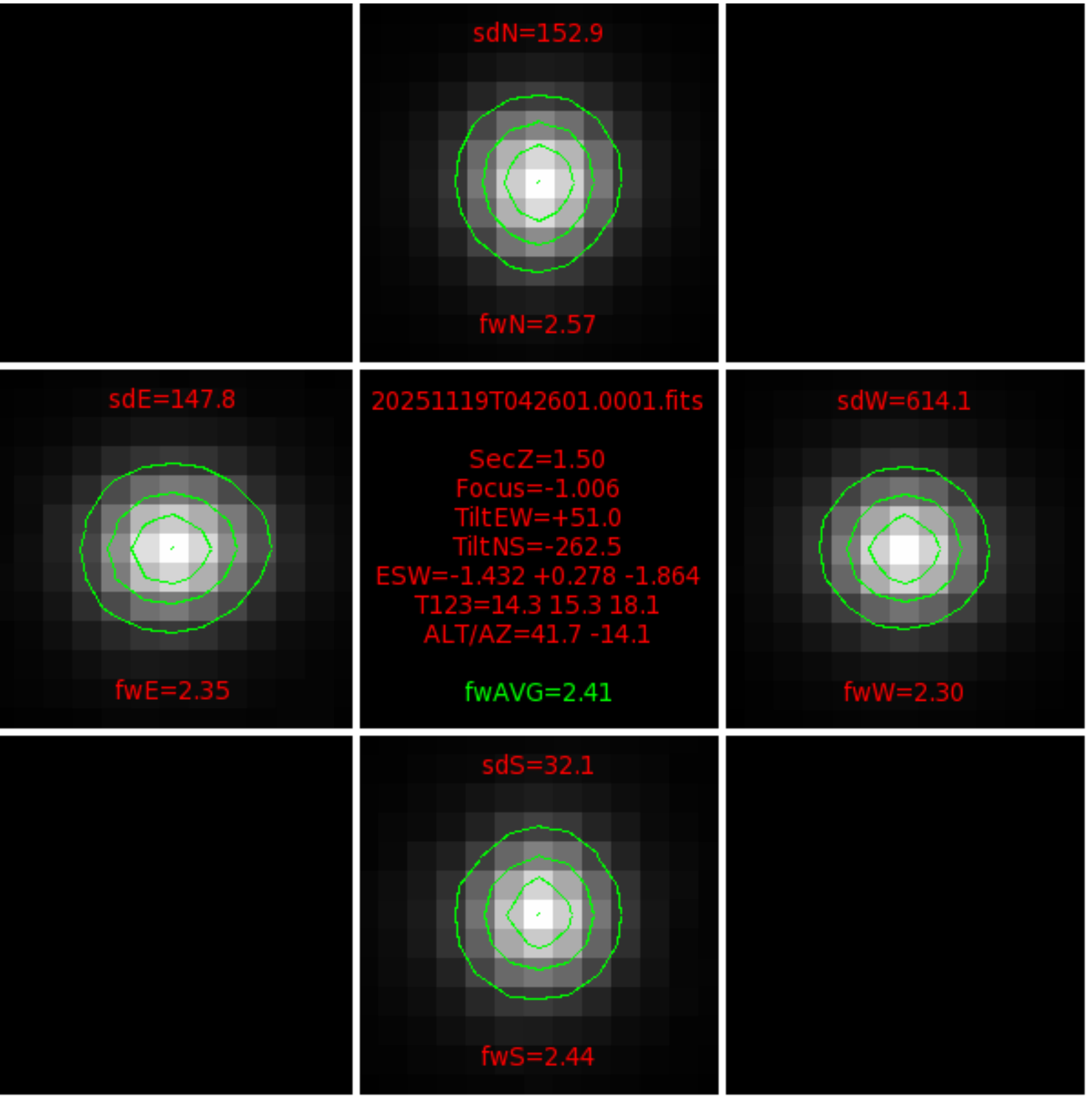
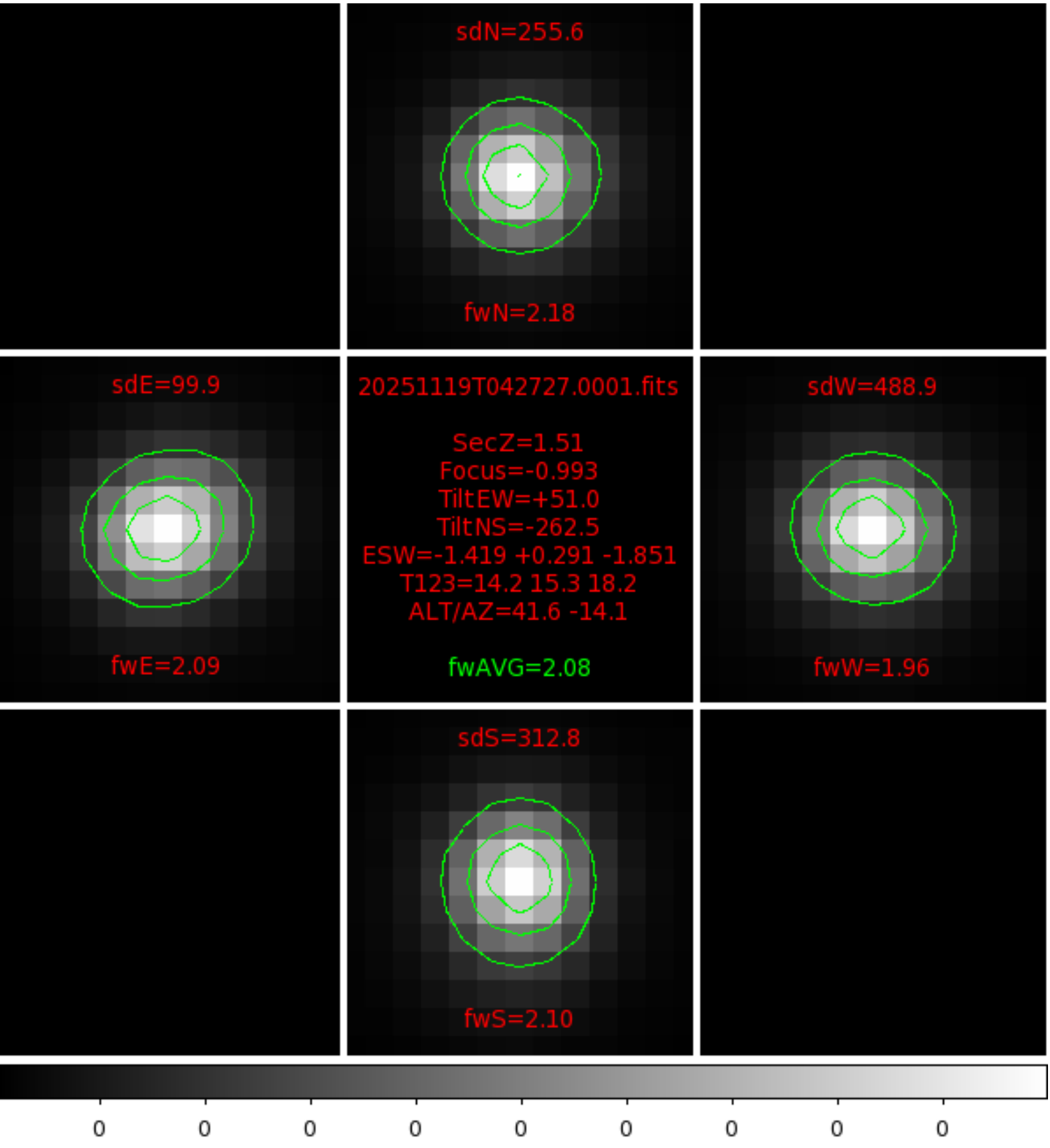
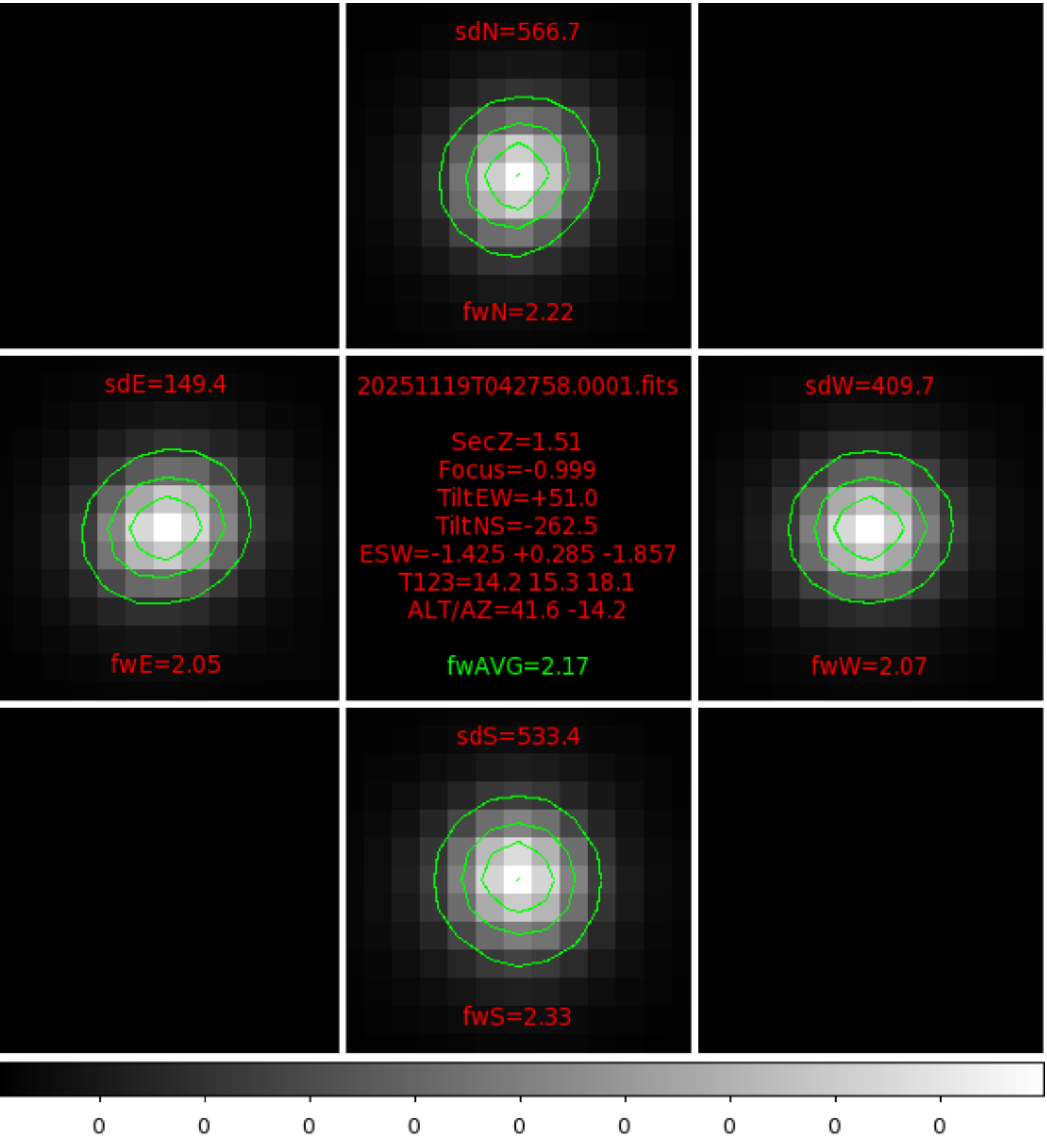
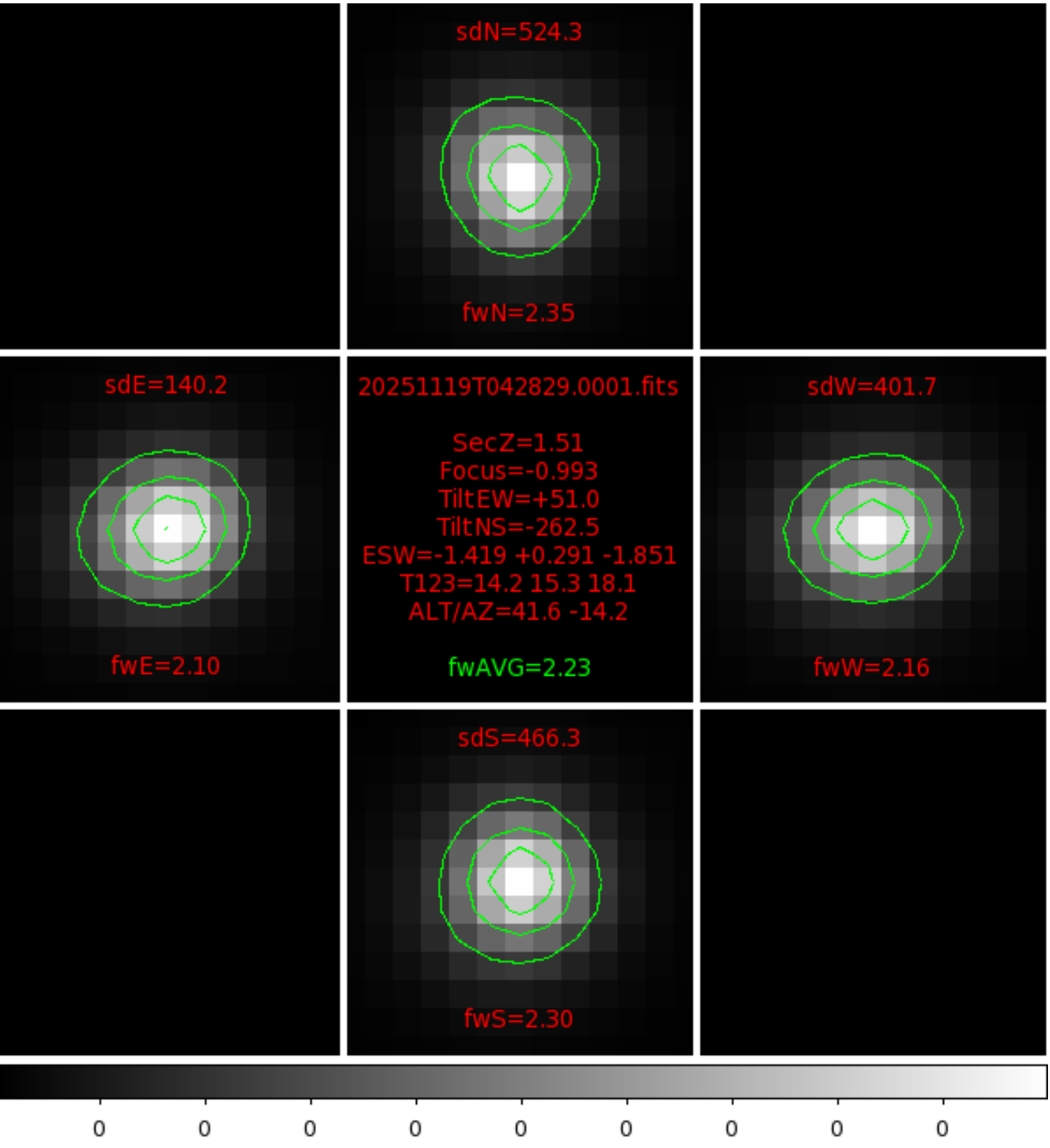

sdN=130.8
fwN=3.10
sdE=129.7
fwE=2.93
20251119T042459.0001.fits
SecZ=1.50
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.2 15.3 18.3
ALT/AZ=41.7 -14.0
fwAVG=2.96
sdW=613.8
fwW=2.79
sdS=27.7
fwS=3.04
0 0 0 0 0 0 0 0 0

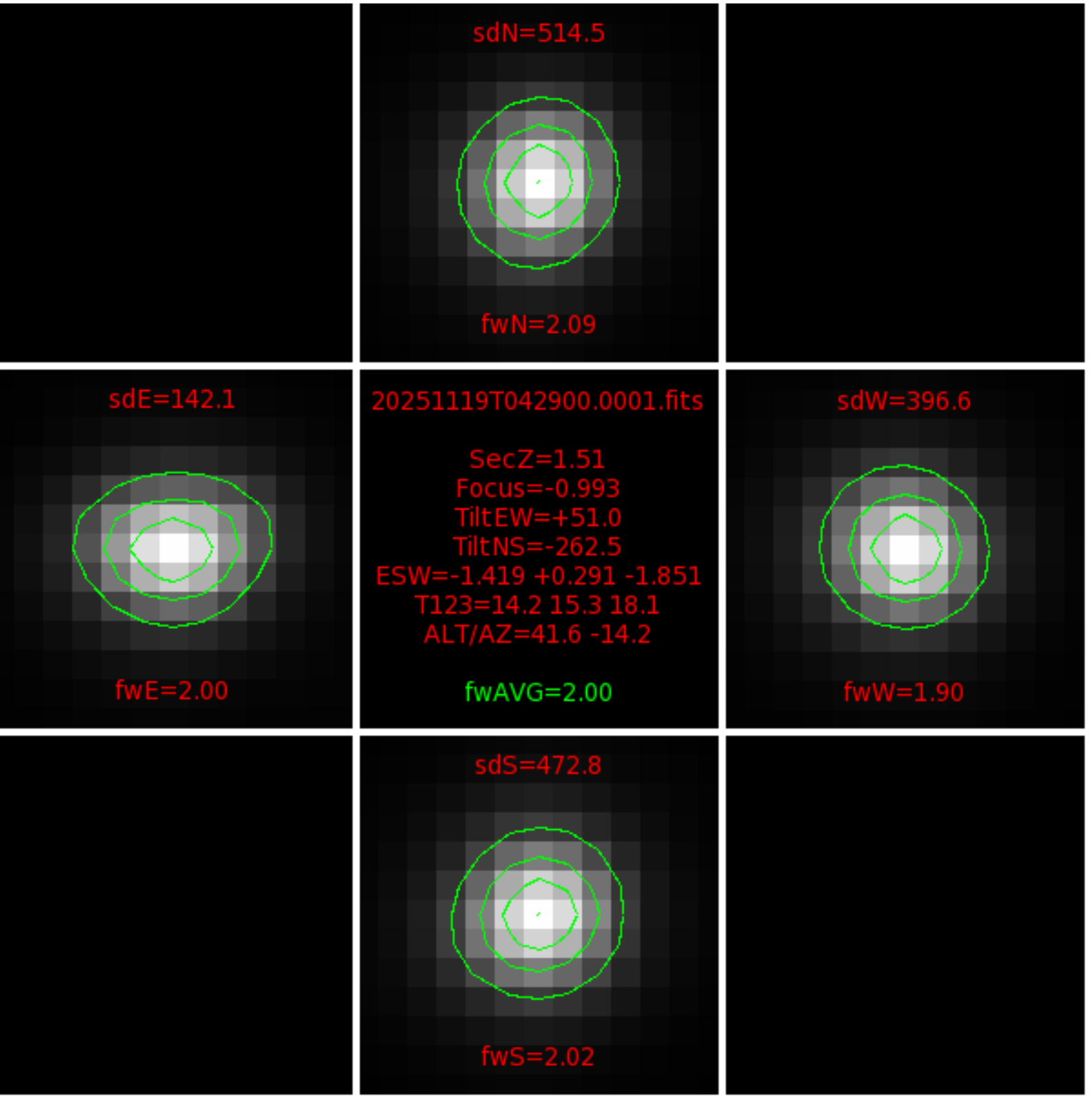

sdN=143.6
fwN=2.72
sdE=144.8
fwE=2.48
20251119T042530.0001.fits
SecZ=1.50
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.2 15.3 18.2
ALT/AZ=41.7 -14.1
fwAVG=2.56
sdW=622.3
fwW=2.40
sdS=30.0
fwS=2.63
0 0 0 0 0 0 0 0 0


sdN=152.9
fwN=2.57
sdE=147.8
fwE=2.35
20251119T042601.0001.fits
SecZ=1.50
Focus=-1.006
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.432 +0.278 -1.864
T123=14.3 15.3 18.1
ALT/AZ=41.7 -14.1
fwAVG=2.41
sdW=614.1
fwW=2.30
sdS=32.1
fwS=2.44
0 0 0 0 0 0 0 0 0


sdN=255.6
fwN=2.18
sdE=99.9
fwE=2.09
20251119T042727.0001.fits
SecZ=1.51
Focus=-0.993
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.419 +0.291 -1.851
T123=14.2 15.3 18.2
ALT/AZ=41.6 -14.1
fwAVG=2.08
sdW=488.9
fwW=1.96
sdS=312.8
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=566.7
fwN=2.22
sdE=149.4
fwE=2.05
20251119T042758.0001.fits
SecZ=1.51
Focus=-0.999
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.425 +0.285 -1.857
T123=14.2 15.3 18.1
ALT/AZ=41.6 -14.2
fwAVG=2.17
sdW=409.7
fwW=2.07
sdS=533.4
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=524.3
fwN=2.35
sdE=140.2
fwE=2.10
20251119T042829.0001.fits
SecZ=1.51
Focus=-0.993
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.419 +0.291 -1.851
T123=14.2 15.3 18.1
ALT/AZ=41.6 -14.2
fwAVG=2.23
sdW=401.7
fwW=2.16
sdS=466.3
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=514.5
fwN=2.09
sdE=142.1
fwE=2.00
20251119T042900.0001.fits
SecZ=1.51
Focus=-0.993
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.419 +0.291 -1.851
T123=14.2 15.3 18.1
ALT/AZ=41.6 -14.2
fwAVG=2.00
sdW=396.6
fwW=1.90
sdS=472.8
fwS=2.02
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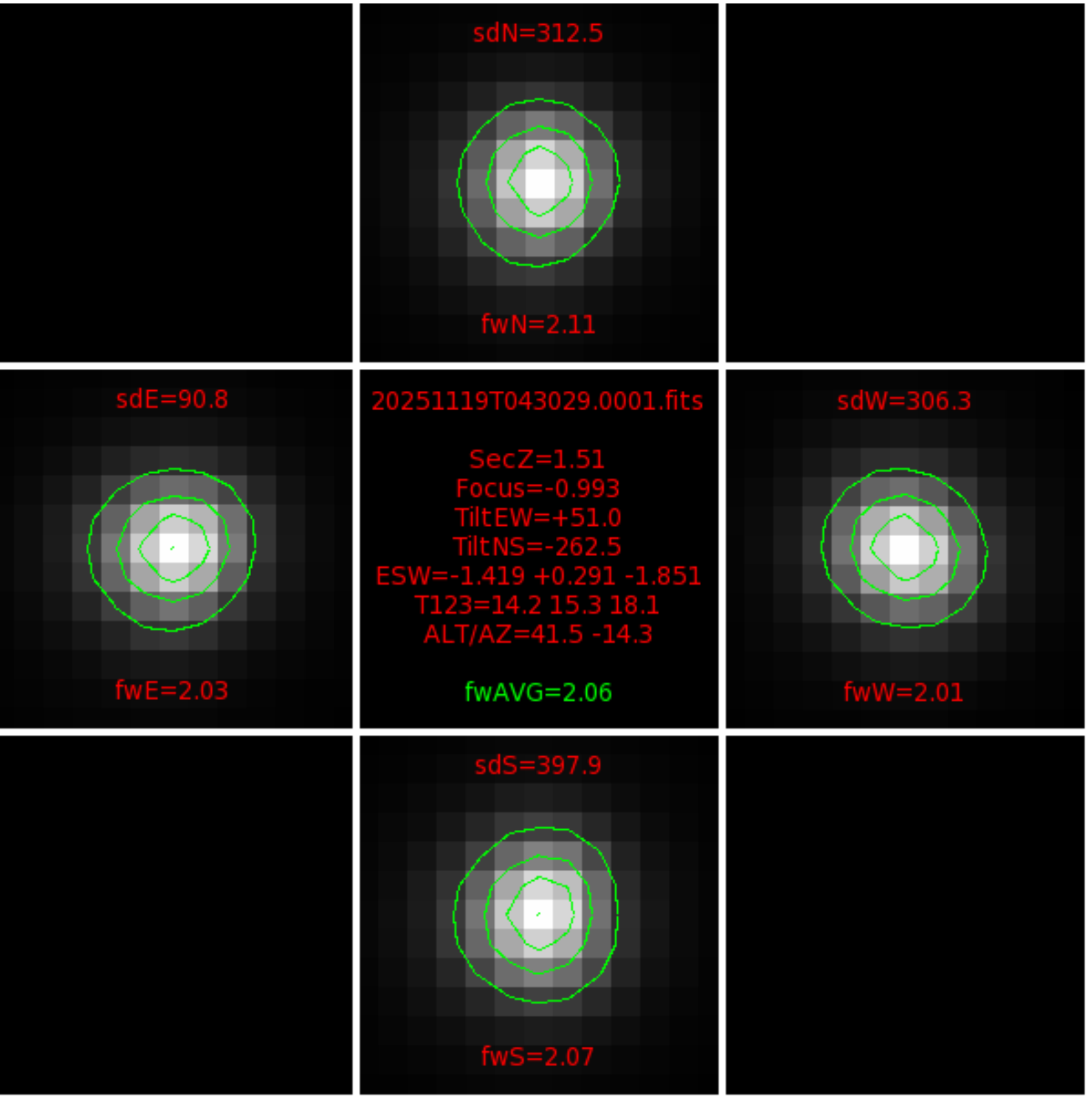
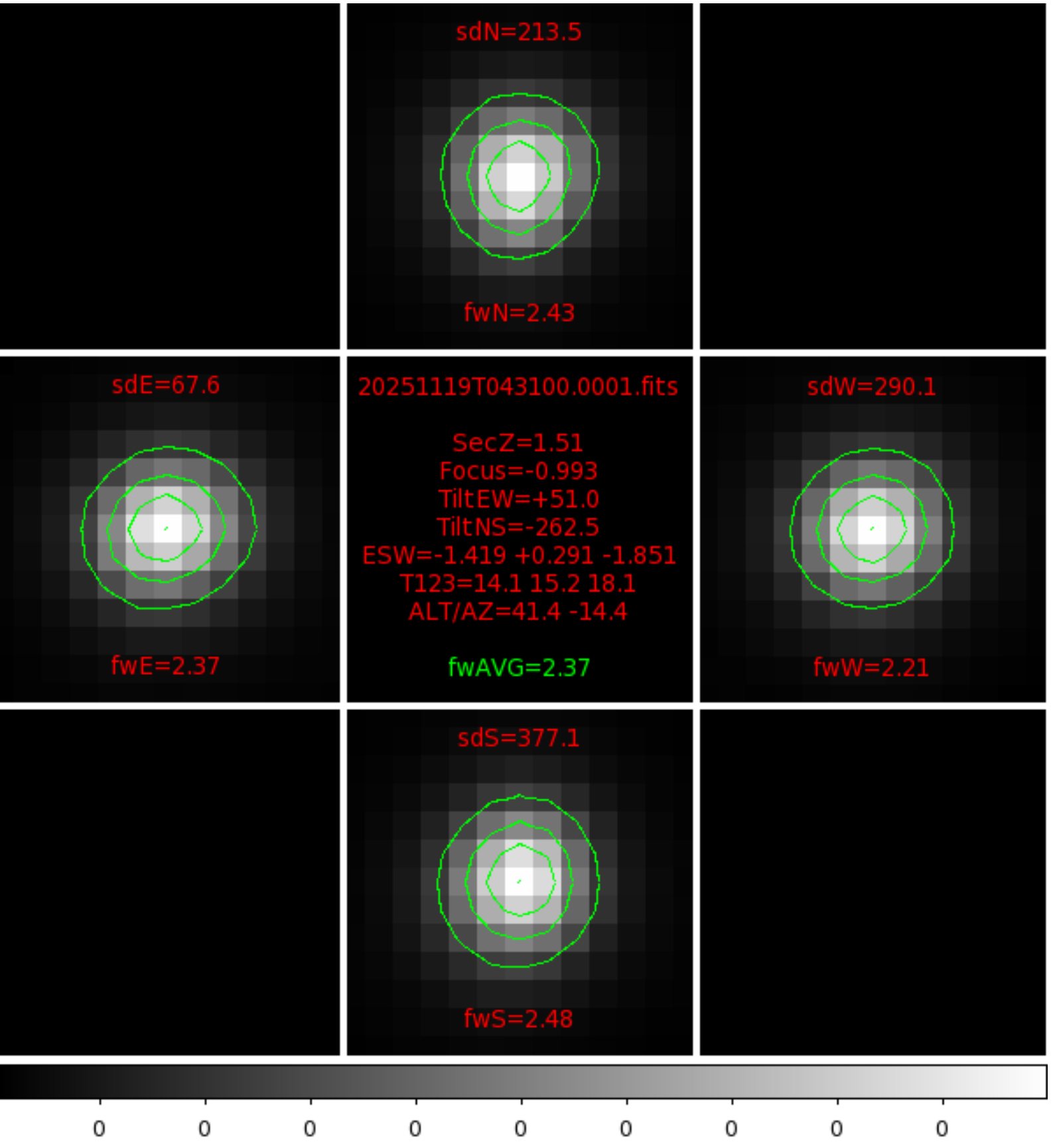
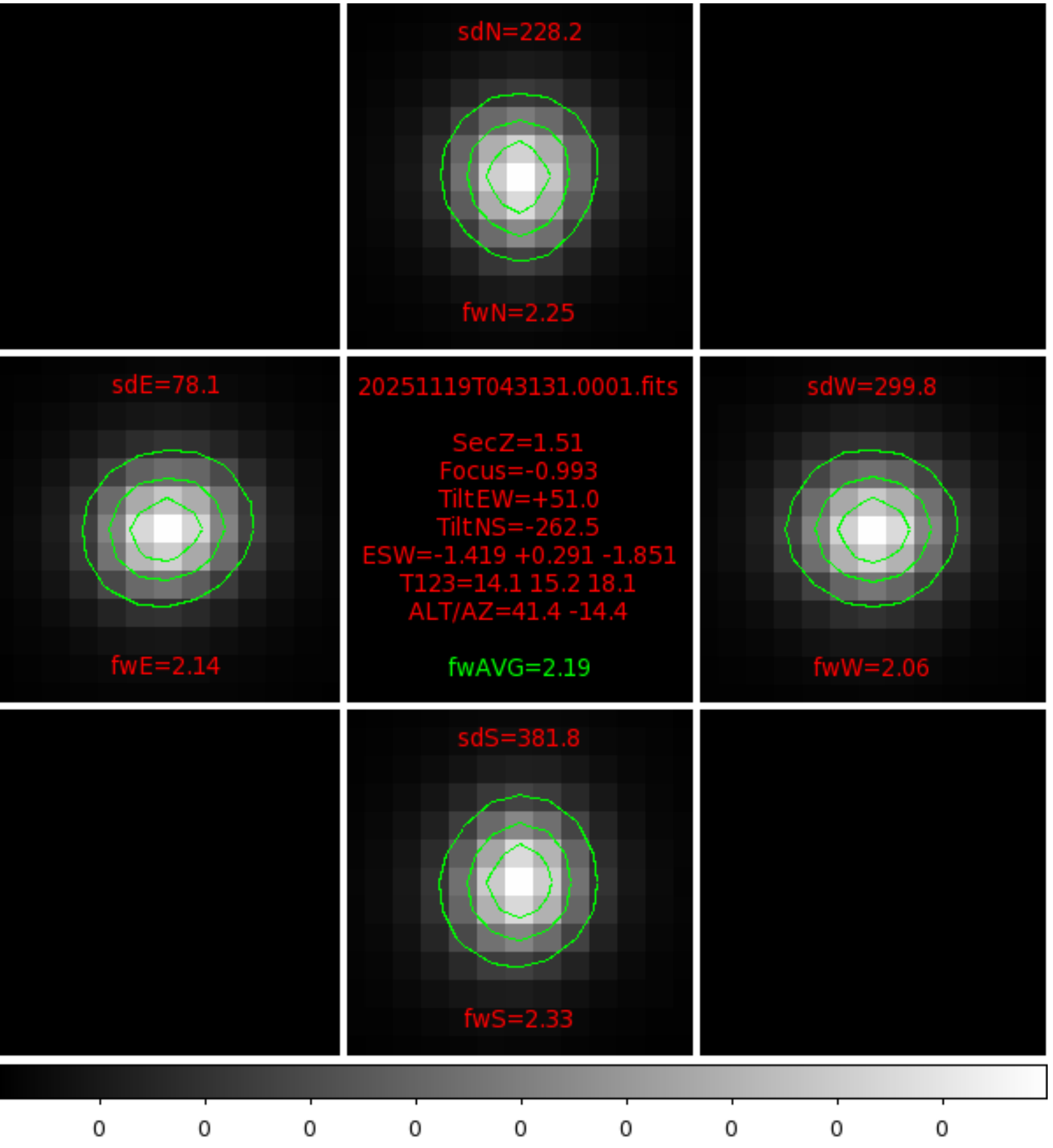
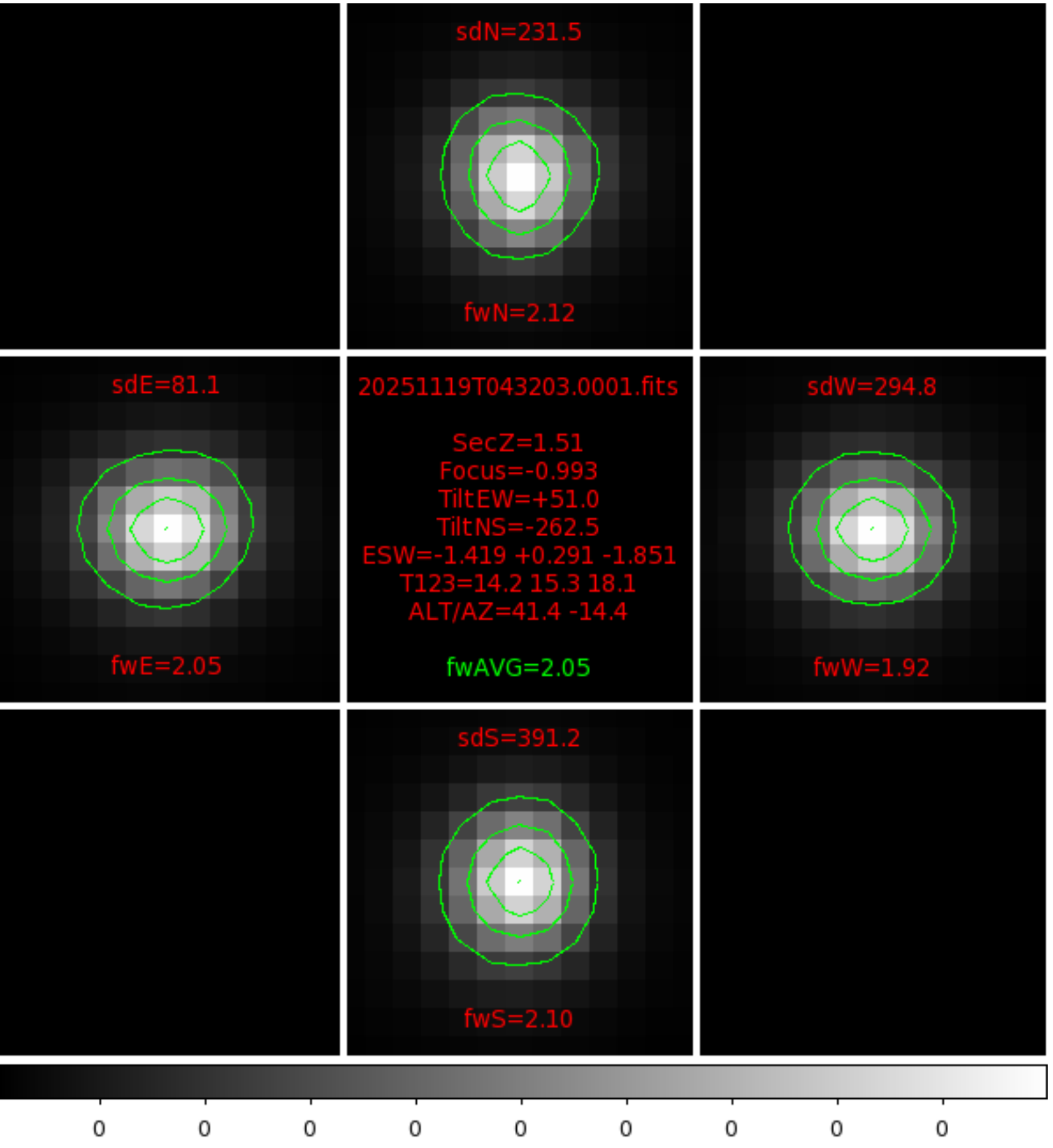
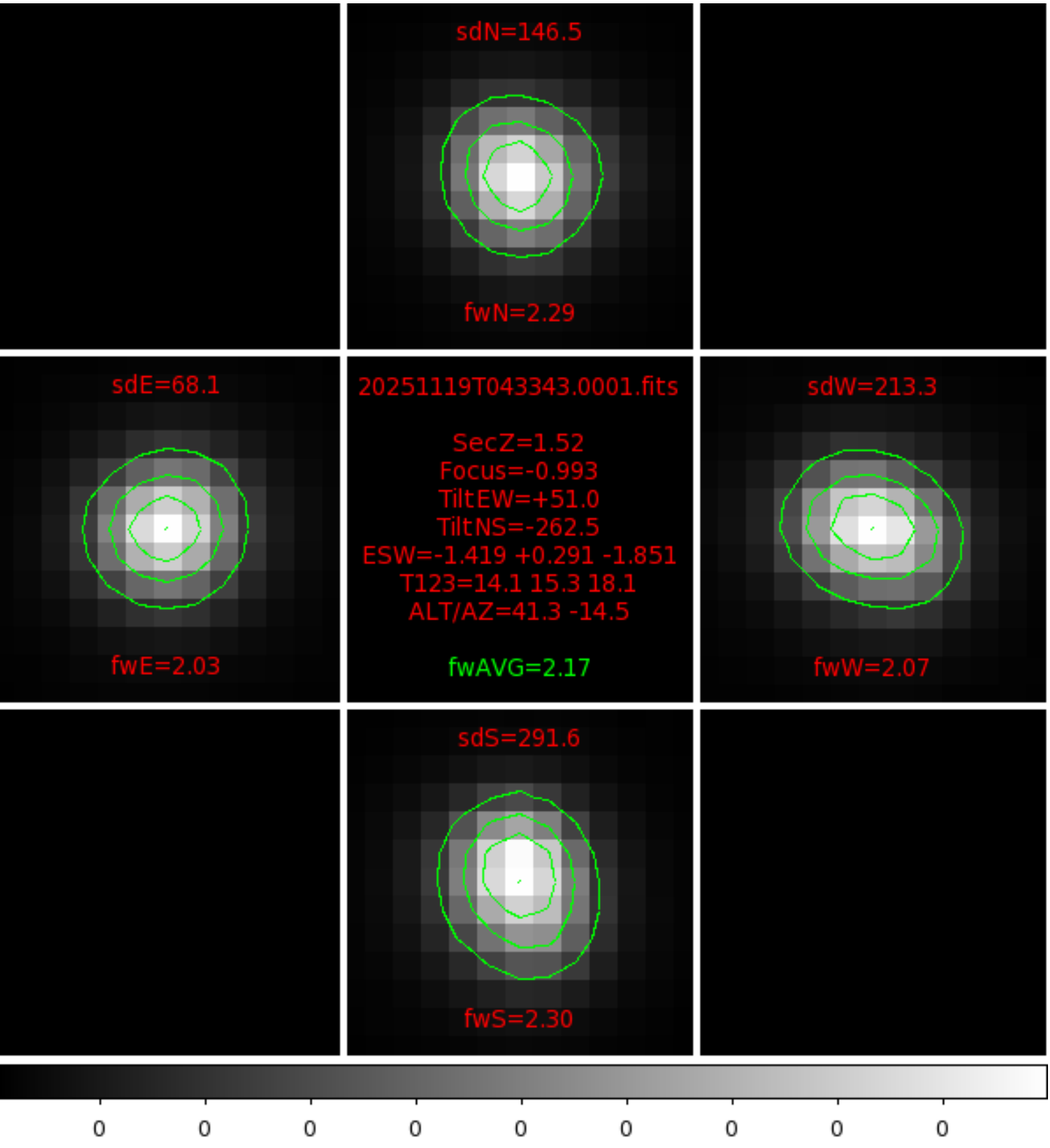
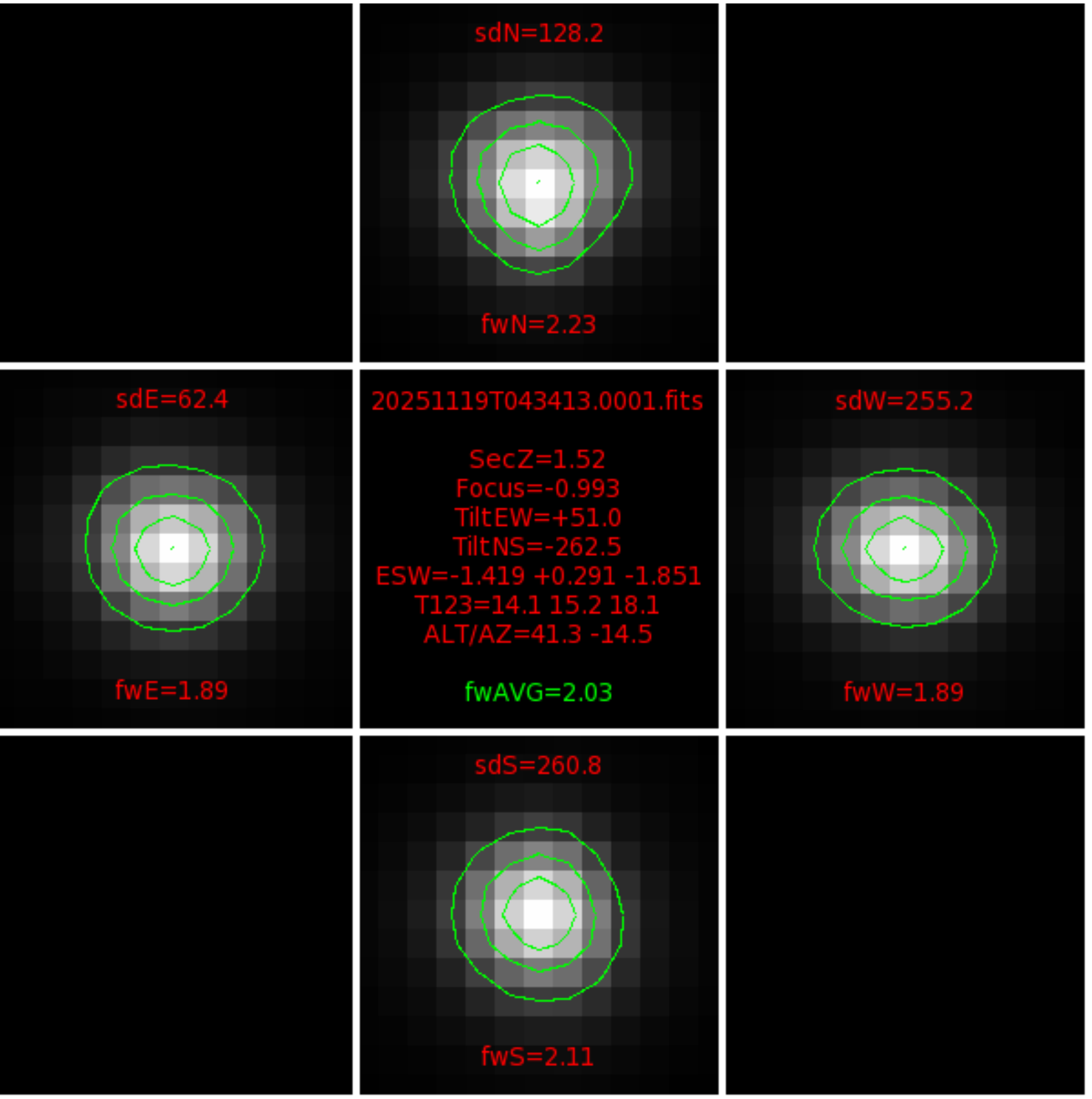

sdN=312.5
fwN=2.11
sdE=90.8
fwE=2.03
20251119T043029.0001.fits
SecZ=1.51
Focus=-0.993
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.419 +0.291 -1.851
T123=14.2 15.3 18.1
ALT/AZ=41.5 -14.3
fwAVG=2.06
sdW=306.3
fwW=2.01
sdS=397.9
fwS=2.07
0 0 0 0 0 0 0 0 0

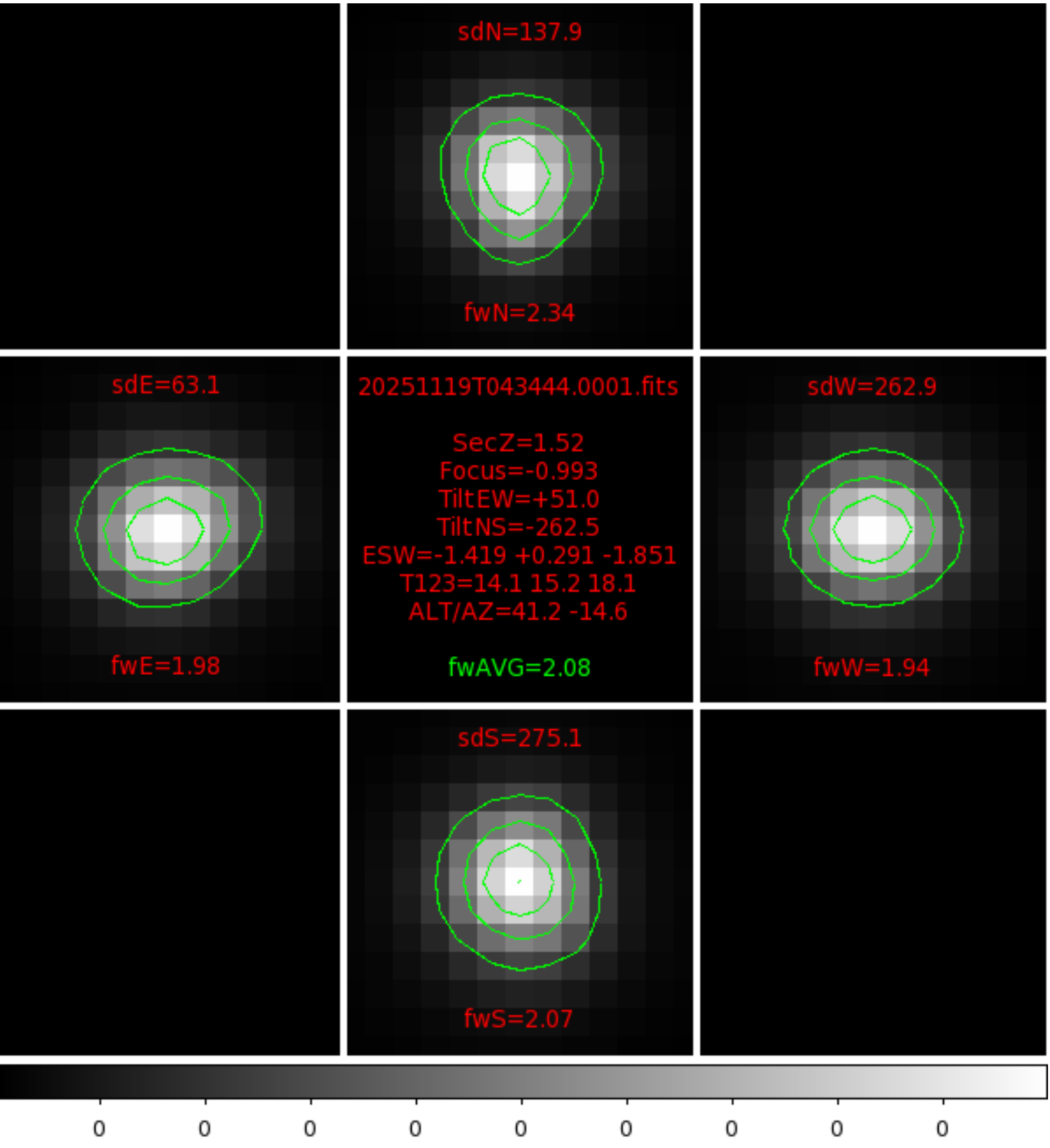

sdN=213.5
fwN=2.43
sdE=67.6
fwE=2.37
20251119T043100.0001.fits
SecZ=1.51
Focus=-0.993
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.419 +0.291 -1.851
T123=14.1 15.2 18.1
ALT/AZ=41.4 -14.4
fwAVG=2.37
sdW=290.1
fwW=2.21
sdS=377.1
fwS=2.48
0 0 0 0 0 0 0 0 0


sdN=228.2
fwN=2.25
sdE=78.1
fwE=2.14
20251119T043131.0001.fits
SecZ=1.51
Focus=-0.993
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.419 +0.291 -1.851
T123=14.1 15.2 18.1
ALT/AZ=41.4 -14.4
fwAVG=2.19
sdW=299.8
fwW=2.06
sdS=381.8
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=231.5
fwN=2.12
sdE=81.1
fwE=2.05
20251119T043203.0001.fits
SecZ=1.51
Focus=-0.993
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.419 +0.291 -1.851
T123=14.2 15.3 18.1
ALT/AZ=41.4 -14.4
fwAVG=2.05
sdW=294.8
fwW=1.92
sdS=391.2
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=146.5
fwN=2.29
sdE=68.1
fwE=2.03
20251119T043343.0001.fits
SecZ=1.52
Focus=-0.993
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.419 +0.291 -1.851
T123=14.1 15.3 18.1
ALT/AZ=41.3 -14.5
fwAVG=2.17
sdW=213.3
fwW=2.07
sdS=291.6
fwS=2.30
0 0 0 0 0 0 0 0 0


sdN=128.2
fwN=2.23
sdE=62.4
fwE=1.89
20251119T043413.0001.fits
SecZ=1.52
Focus=-0.993
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.419 +0.291 -1.851
T123=14.1 15.2 18.1
ALT/AZ=41.3 -14.5
fwAVG=2.03
sdW=255.2
fwW=1.89
sdS=260.8
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=137.9
fwN=2.34
sdE=63.1
fwE=1.98
20251119T043444.0001.fits
SecZ=1.52
Focus=-0.993
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.419 +0.291 -1.851
T123=14.1 15.2 18.1
ALT/AZ=41.2 -14.6
fwAVG=2.08
sdW=262.9
fwW=1.94
sdS=275.1
fwS=2.07
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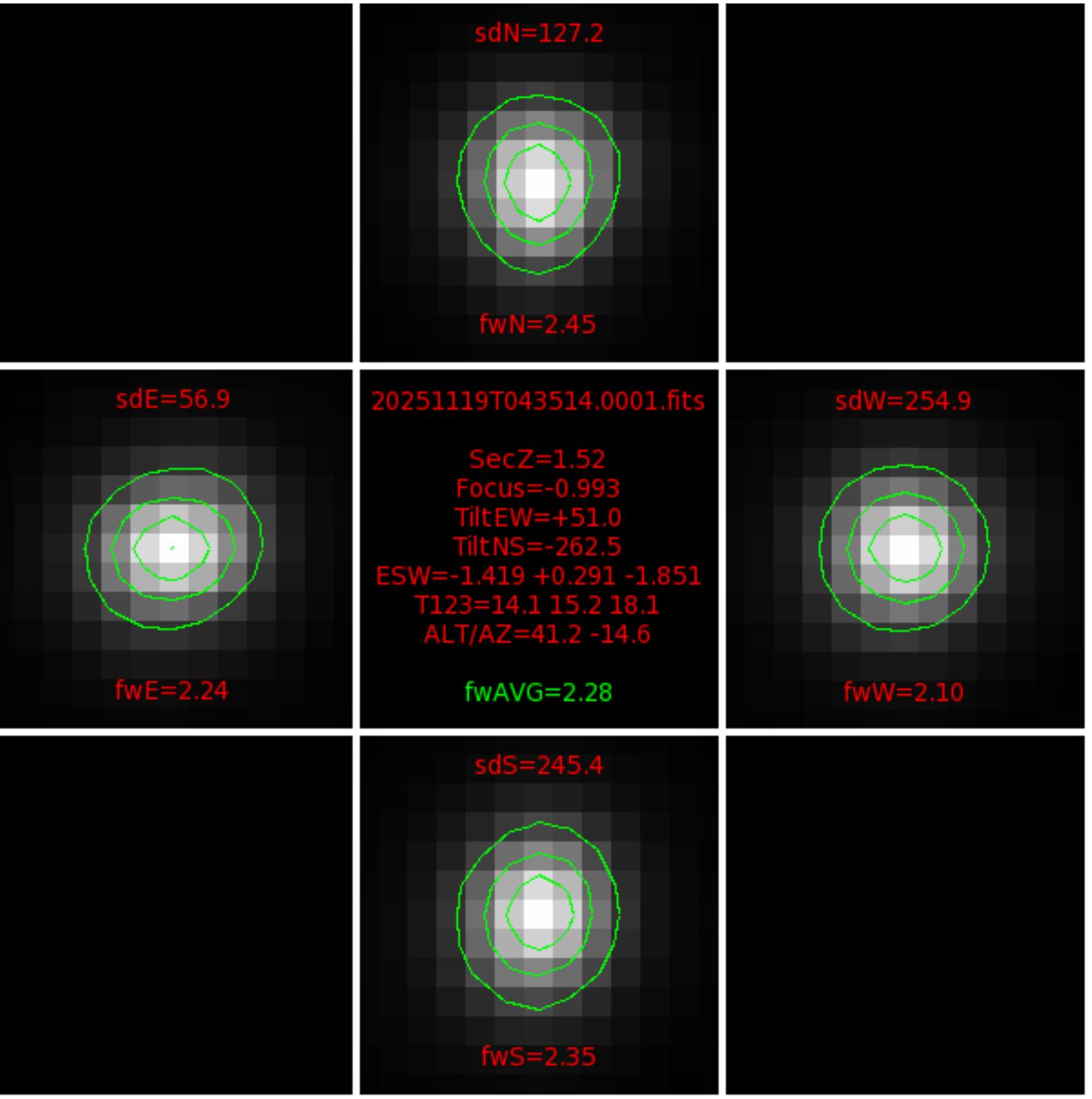
sdN=127.2
fwN=2.45
sdE=56.9
fwE=2.24
20251119T043514.0001.fits
SecZ=1.52
Focus=-0.993
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.419 +0.291 -1.851
T123=14.1 15.2 18.1
ALT/AZ=41.2 -14.6
fwAVG=2.28
sdW=254.9
fwW=2.10
sdS=245.4
fwS=2.35
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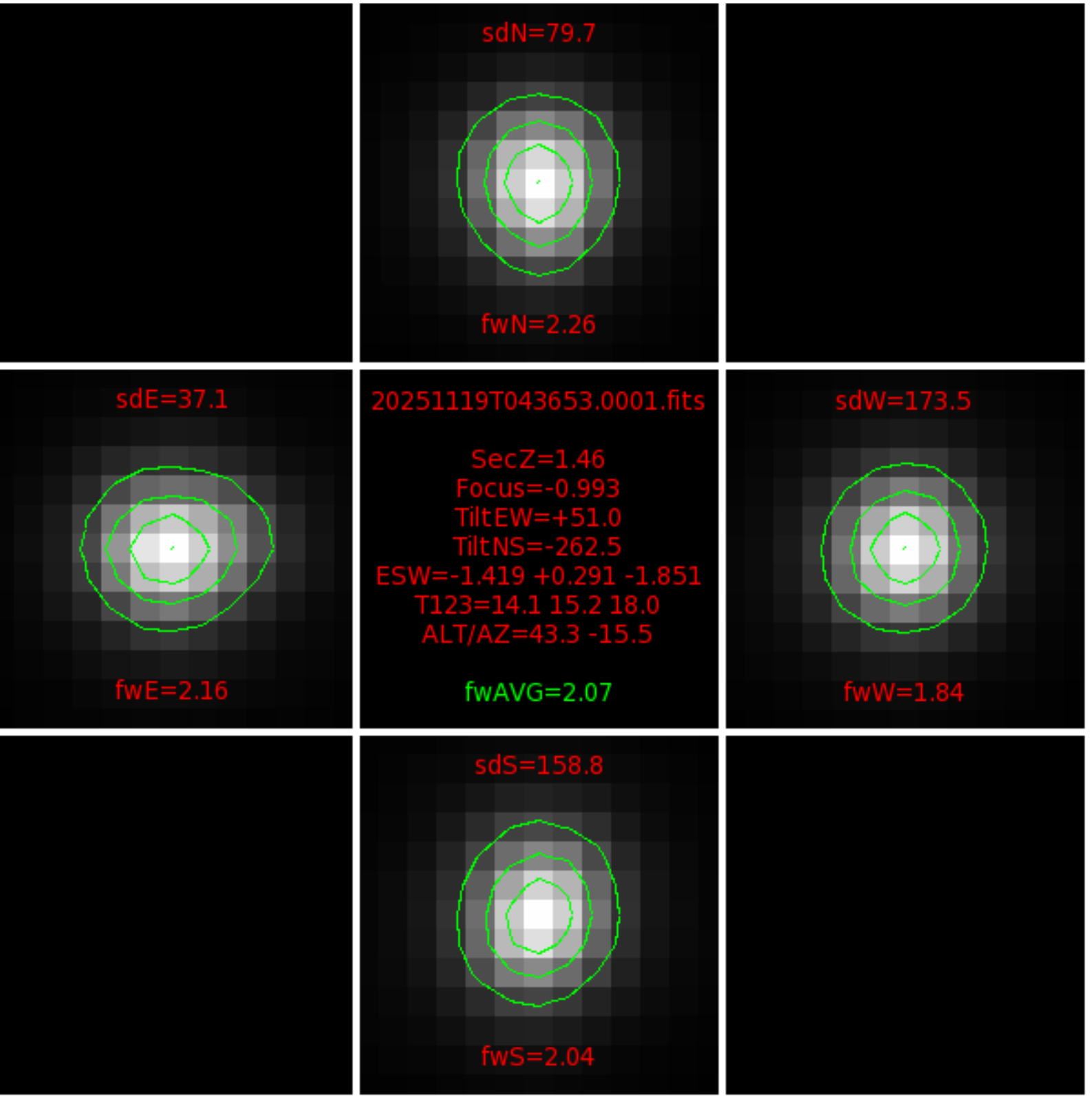
sdN=79.7
fwN=2.26
sdE=37.1
fwE=2.16
20251119T043653.0001.fits
SecZ=1.46
Focus=-0.993
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.419 +0.291 -1.851
T123=14.1 15.2 18.0
ALT/AZ=43.3 -15.5
fwAVG=2.07
sdW=173.5
fwW=1.84
sdS=158.8
fwS=2.04
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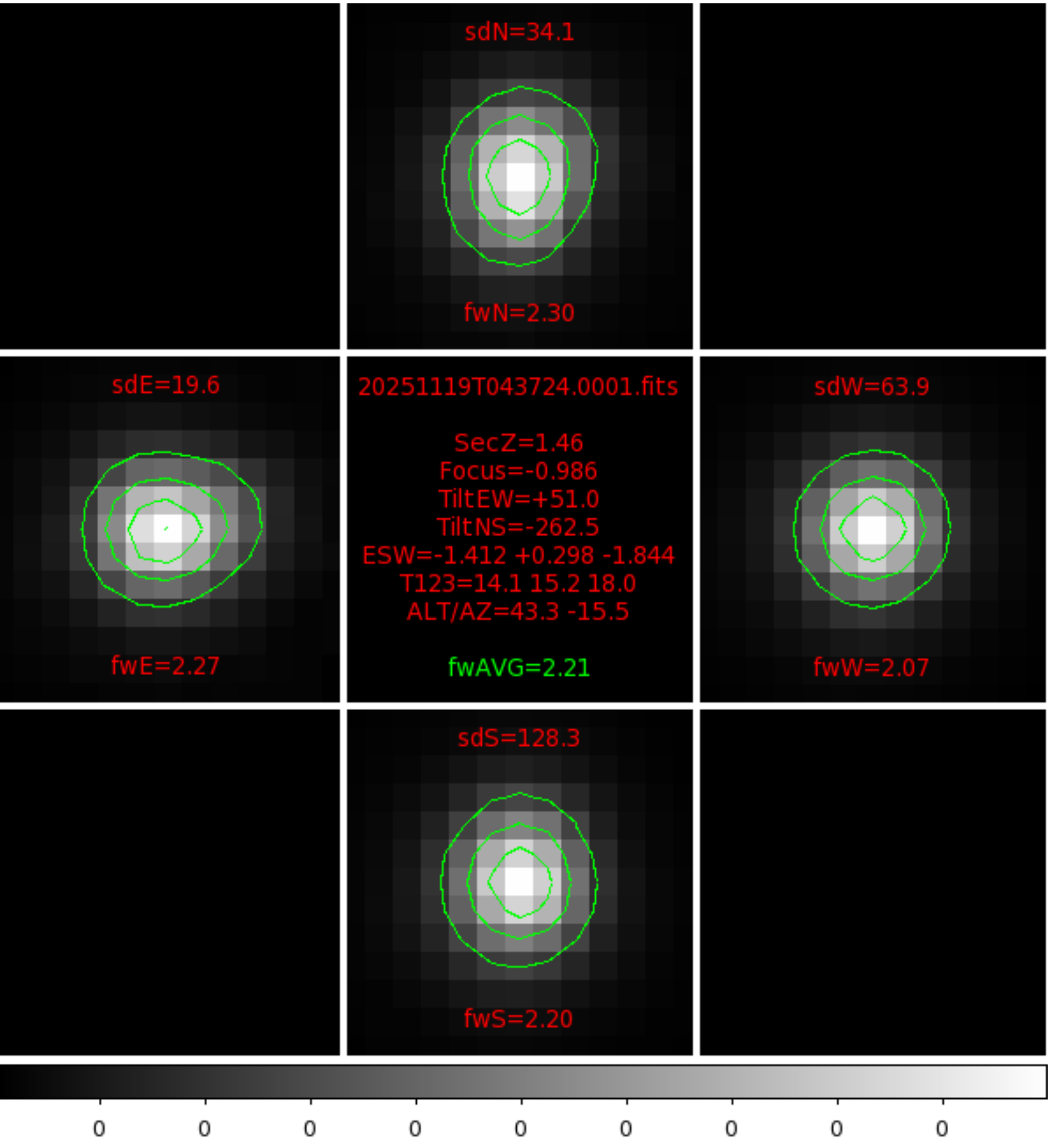
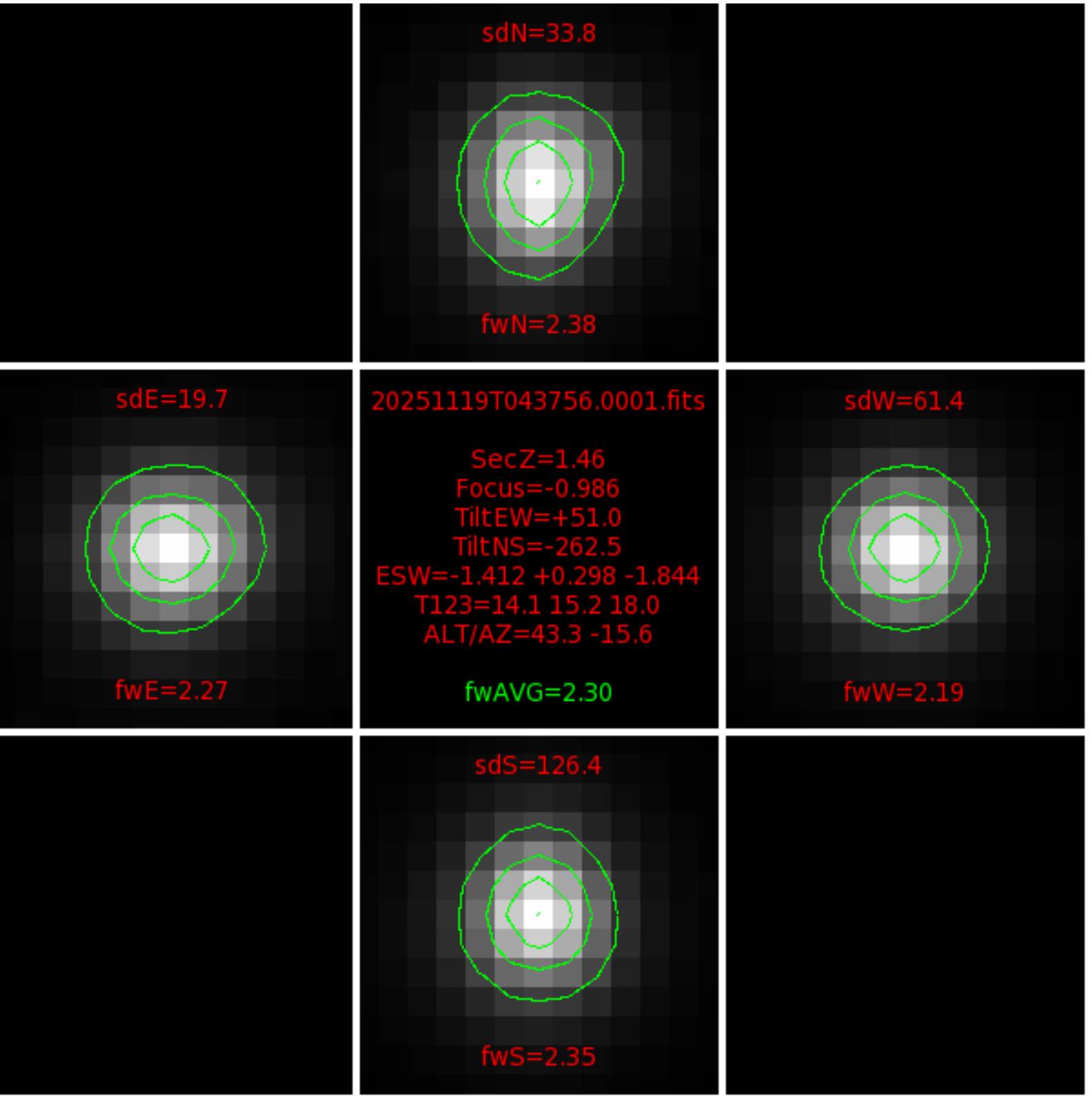
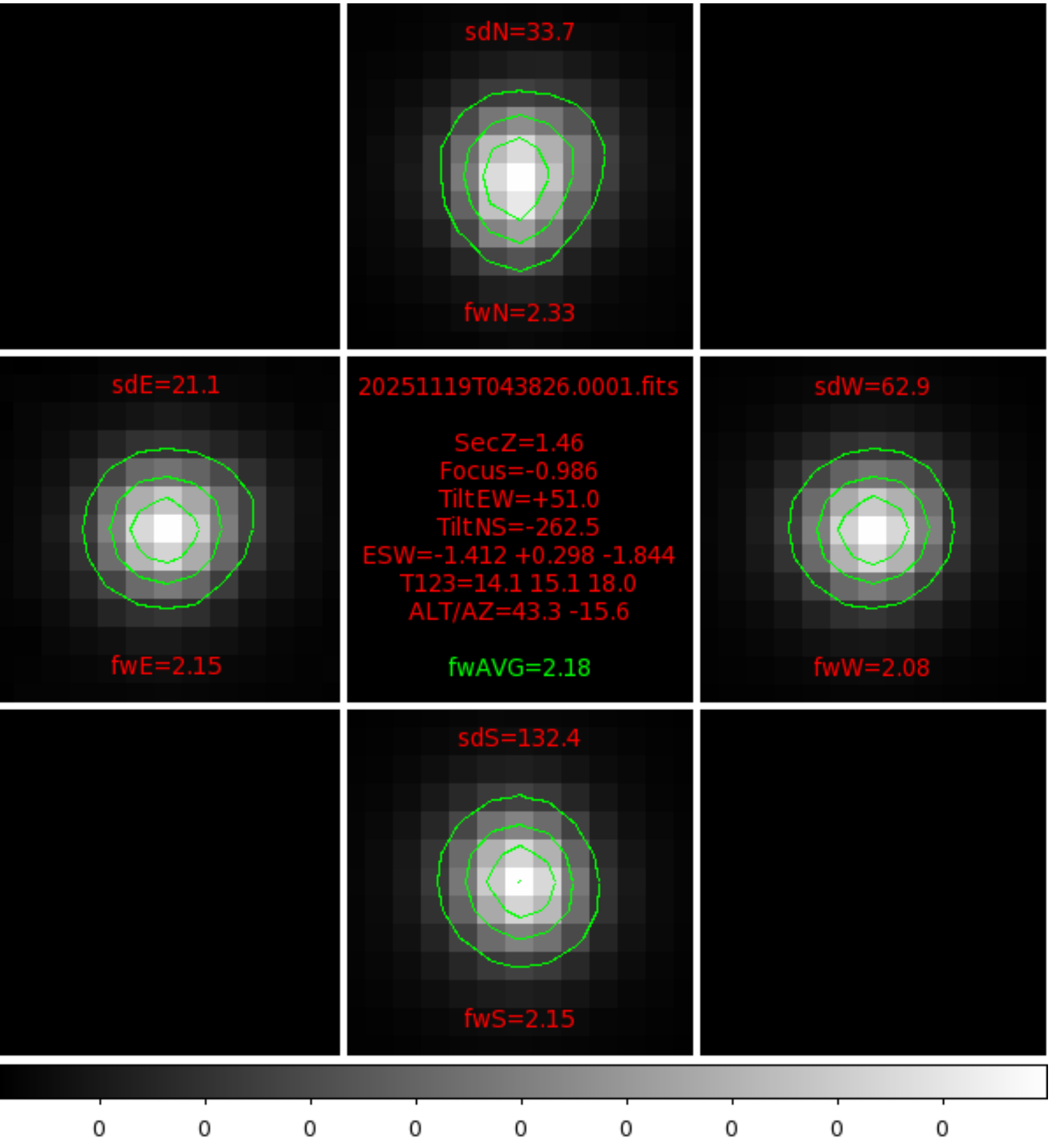

sdN=34.1
fwN=2.30
sdE=19.6
fwE=2.27
20251119T043724.0001.fits
SecZ=1.46
Focus=-0.986
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.412 +0.298 -1.844
T123=14.1 15.2 18.0
ALT/AZ=43.3 -15.5
fwAVG=2.21
sdW=63.9
fwW=2.07
sdS=128.3
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=33.8
fwN=2.38
sdE=19.7
fwE=2.27
20251119T043756.0001.fits
SecZ=1.46
Focus=-0.986
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.412 +0.298 -1.844
T123=14.1 15.2 18.0
ALT/AZ=43.3 -15.6
fwAVG=2.30
sdW=61.4
fwW=2.19
sdS=126.4
fwS=2.35
0 0 0 0 0 0 0 0 0


sdN=33.7
fwN=2.33
sdE=21.1
fwE=2.15
20251119T043826.0001.fits
SecZ=1.46
Focus=-0.986
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.412 +0.298 -1.844
T123=14.1 15.1 18.0
ALT/AZ=43.3 -15.6
fwAVG=2.18
sdW=62.9
fwW=2.08
sdS=132.4
fwS=2.15
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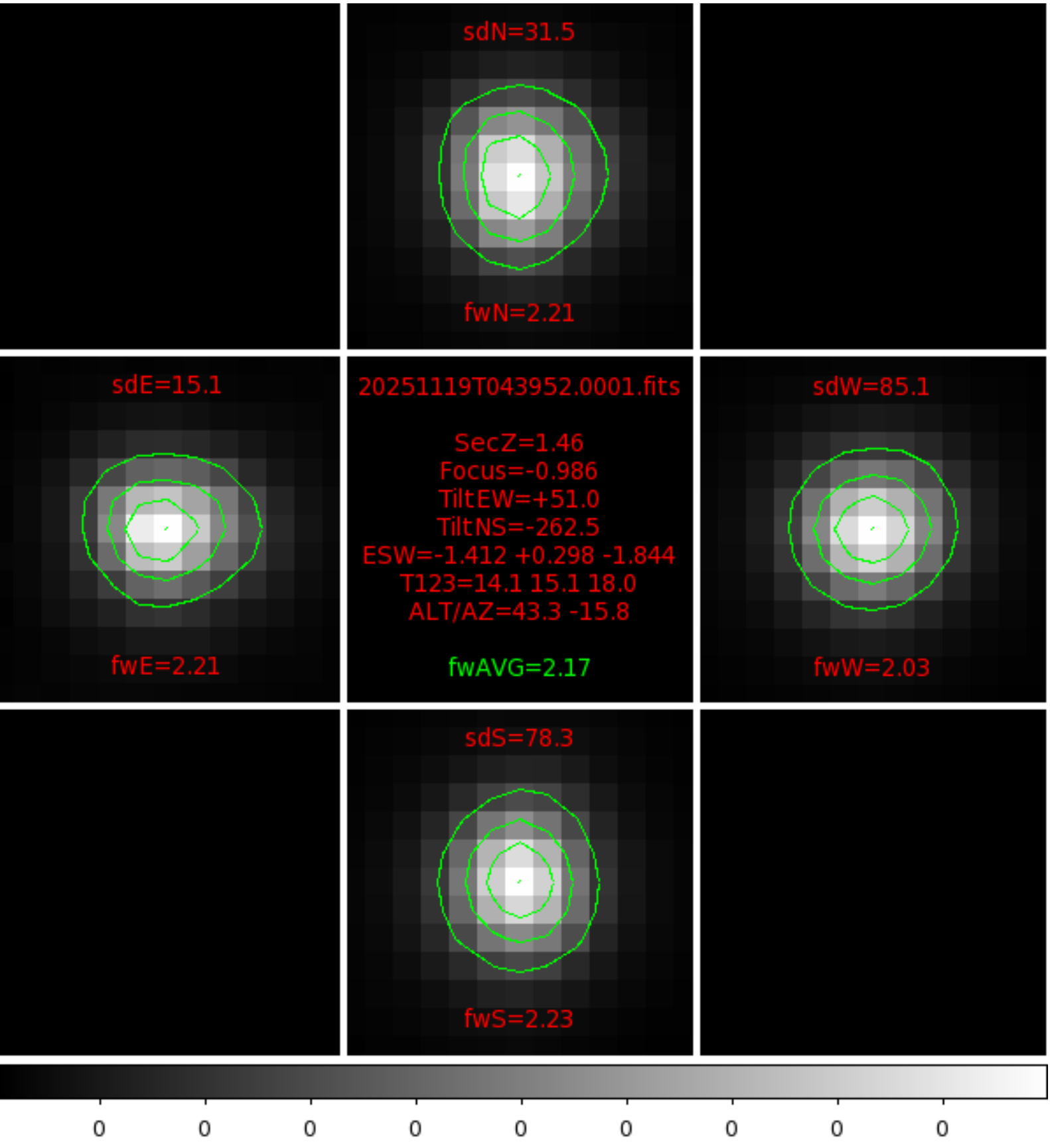
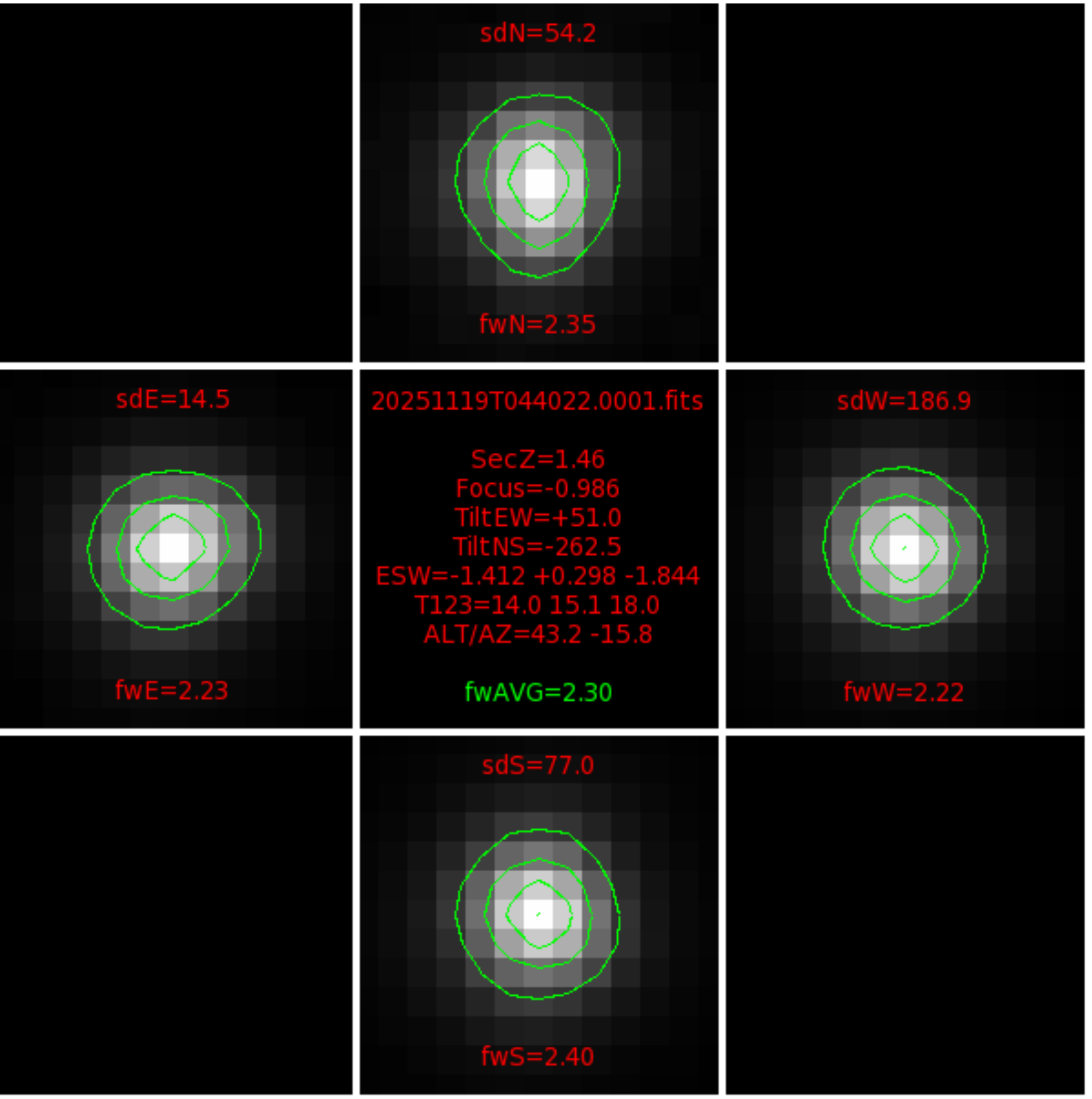

sdN=31.5
fwN=2.21
sdE=15.1
fwE=2.21
20251119T043952.0001.fits
SecZ=1.46
Focus=-0.986
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.412 +0.298 -1.844
T123=14.1 15.1 18.0
ALT/AZ=43.3 -15.8
fwAVG=2.17
sdW=85.1
fwW=2.03
sdS=78.3
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=54.2
fwN=2.35
sdE=14.5
fwE=2.23
20251119T044022.0001.fits
SecZ=1.46
Focus=-0.986
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.412 +0.298 -1.844
T123=14.0 15.1 18.0
ALT/AZ=43.2 -15.8
fwAVG=2.30
sdW=186.9
fwW=2.22
sdS=77.0
fwS=2.40
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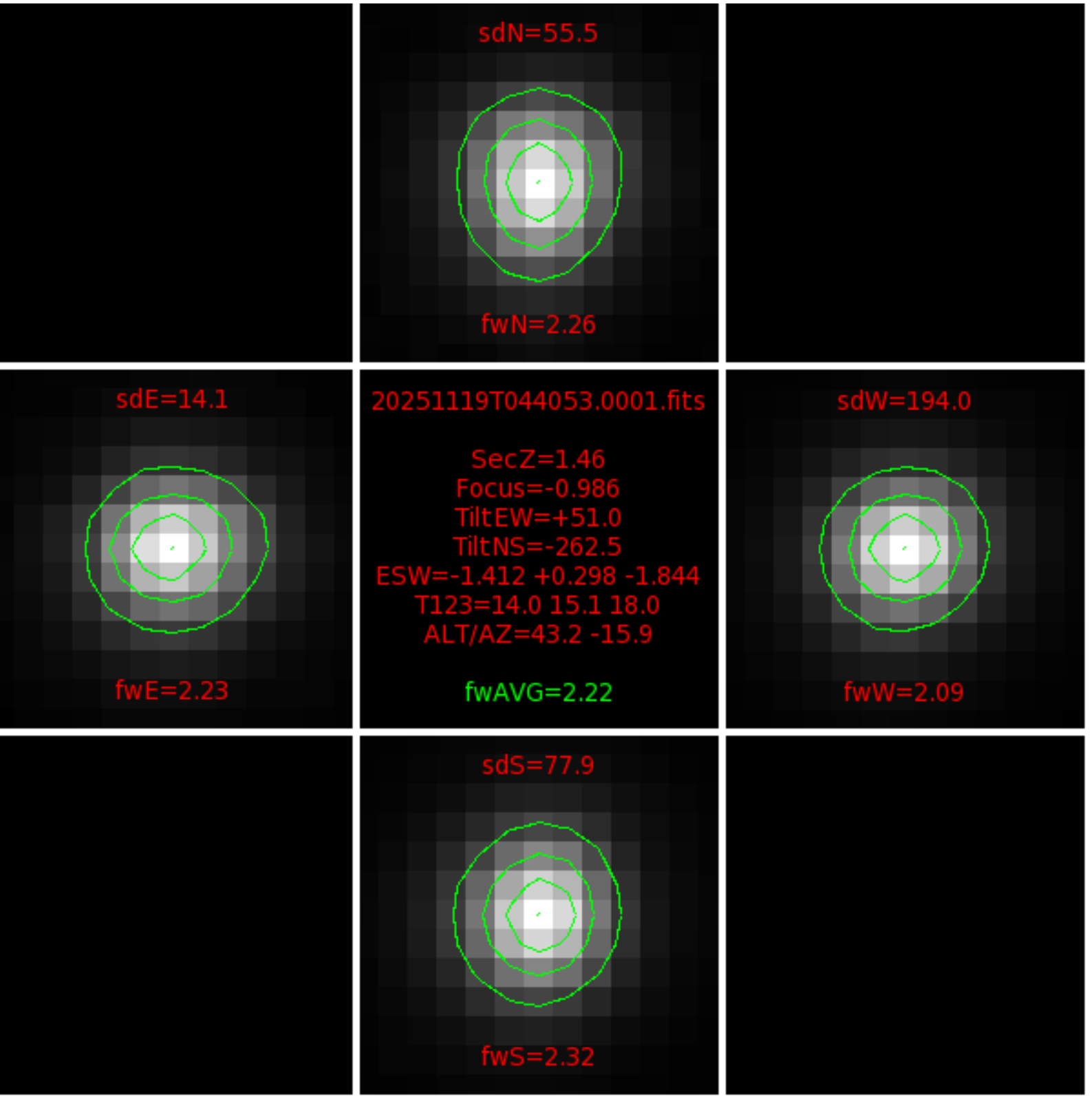
sdN=55.5
fwN=2.26
sdE=14.1
fwE=2.23
20251119T044053.0001.fits
SecZ=1.46
Focus=-0.986
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.412 +0.298 -1.844
T123=14.0 15.1 18.0
ALT/AZ=43.2 -15.9
fwAVG=2.22
sdW=194.0
fwW=2.09
sdS=77.9
fwS=2.32
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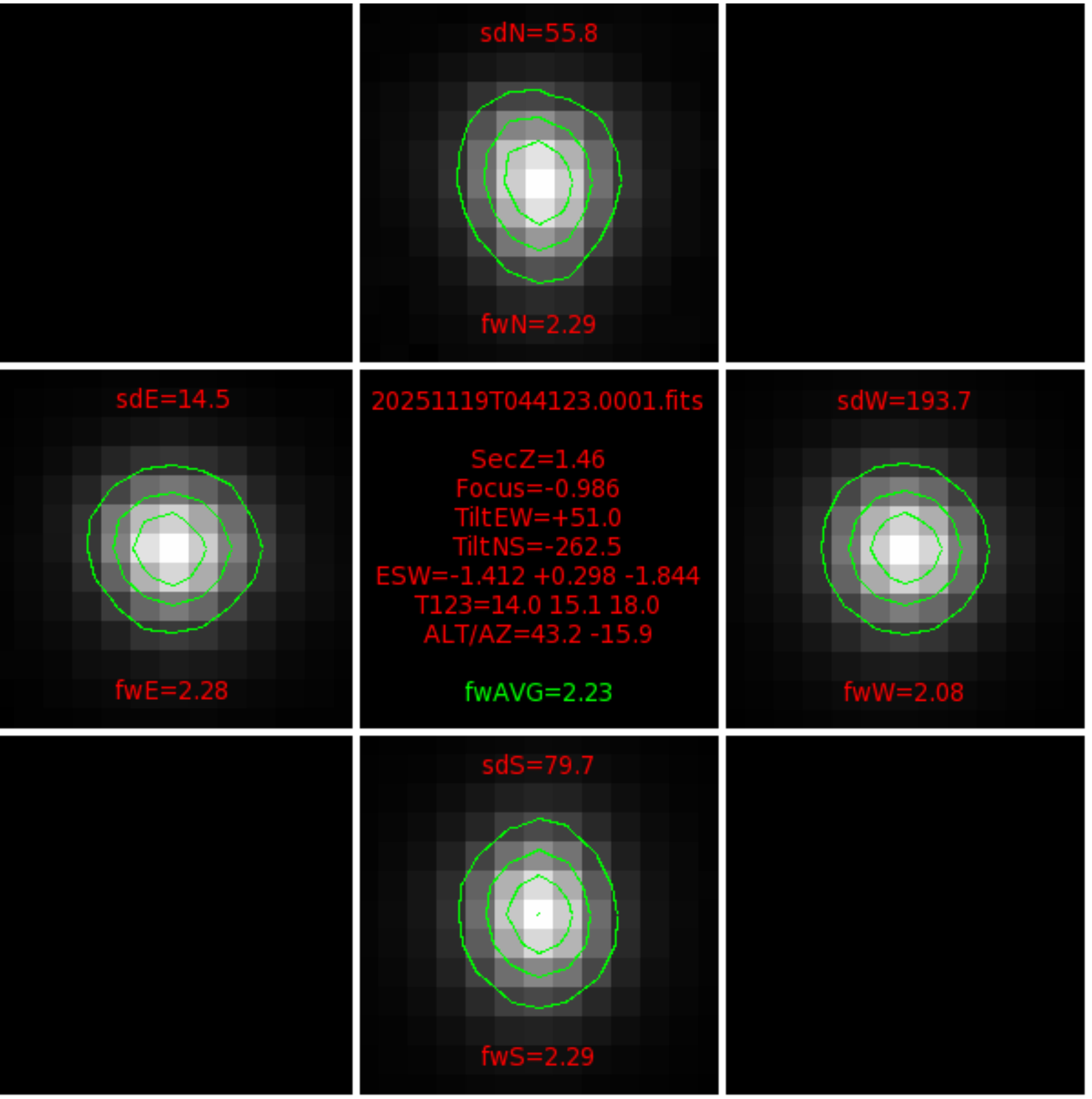
sdN=55.8
fwN=2.29
sdE=14.5
fwE=2.28
20251119T044123.0001.fits
SecZ=1.46
Focus=-0.986
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.412 +0.298 -1.844
T123=14.0 15.1 18.0
ALT/AZ=43.2 -15.9
fwAVG=2.23
sdW=193.7
fwW=2.08
sdS=79.7
fwS=2.29
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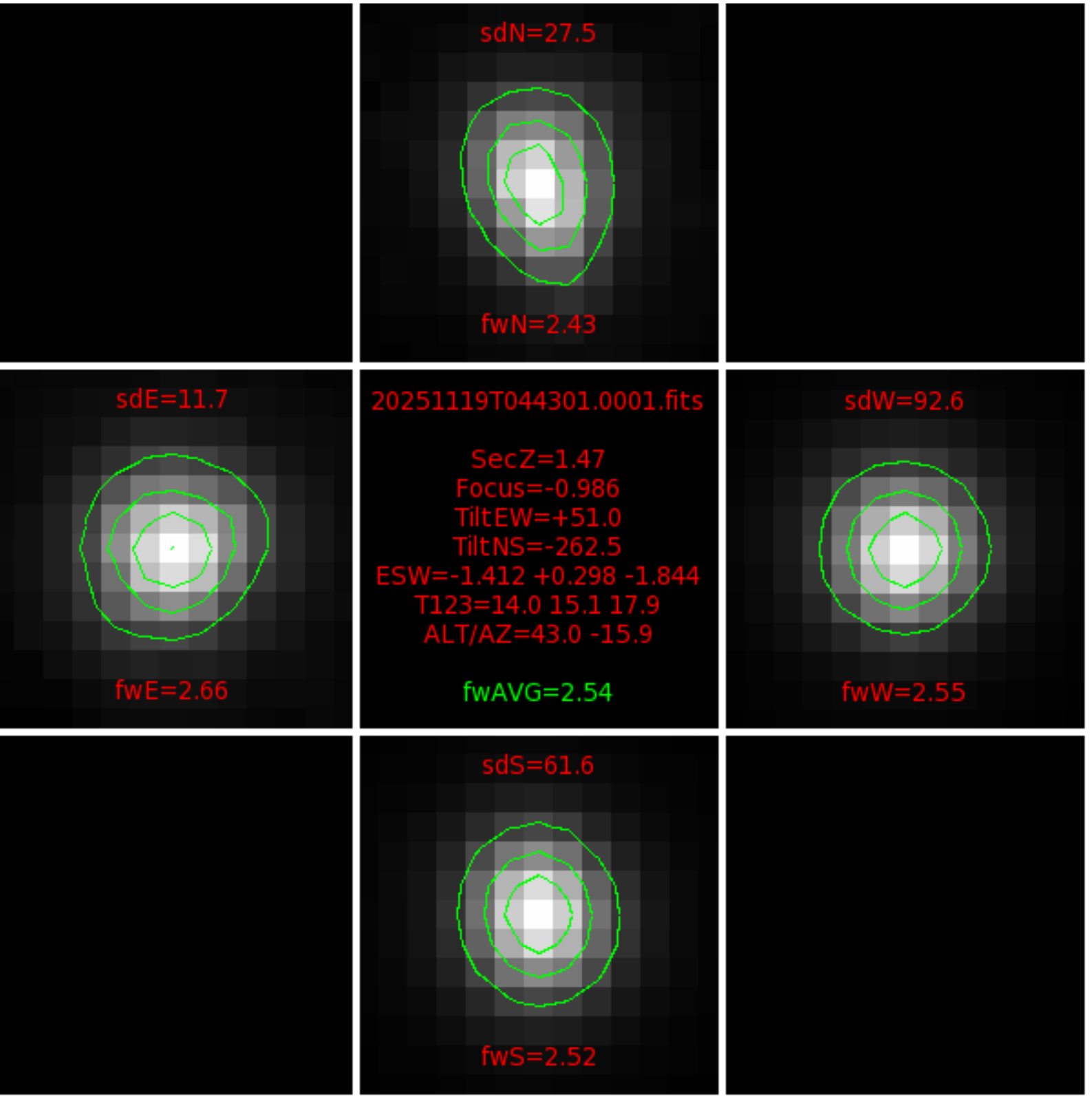
sdN=27.5
fwN=2.43
sdE=11.7
fwE=2.66
20251119T044301.0001.fits
SecZ=1.47
Focus=-0.986
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.412 +0.298 -1.844
T123=14.0 15.1 17.9
ALT/AZ=43.0 -15.9
fwAVG=2.54
sdW=92.6
fwW=2.55
sdS=61.6
fwS=2.52
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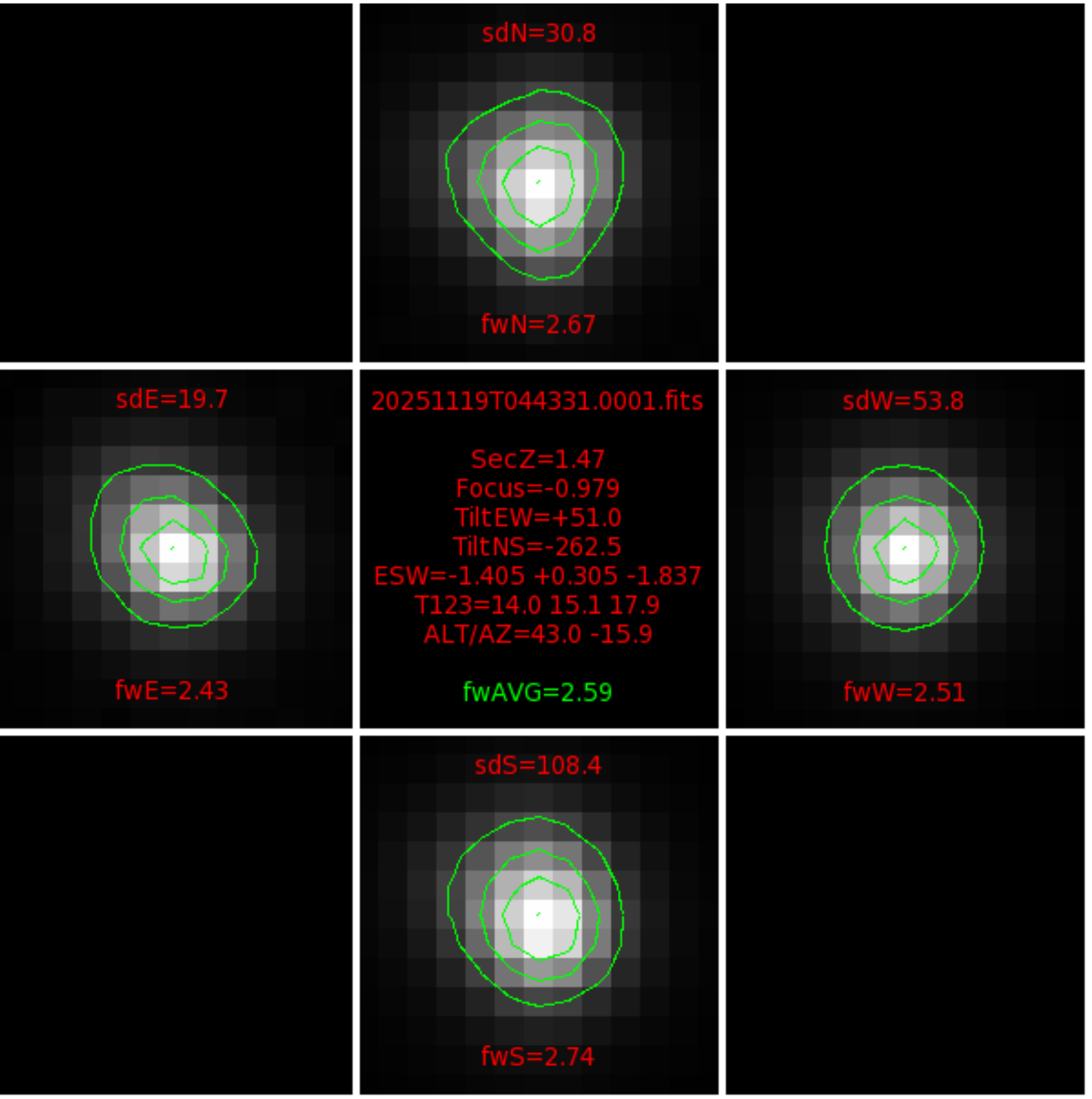
sdN=30.8
fwN=2.67
sdE=19.7
fwE=2.43
20251119T044331.0001.fits
SecZ=1.47
Focus=-0.979
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.405 +0.305 -1.837
T123=14.0 15.1 17.9
ALT/AZ=43.0 -15.9
fwAVG=2.59
sdW=53.8
fwW=2.51
sdS=108.4
fwS=2.74
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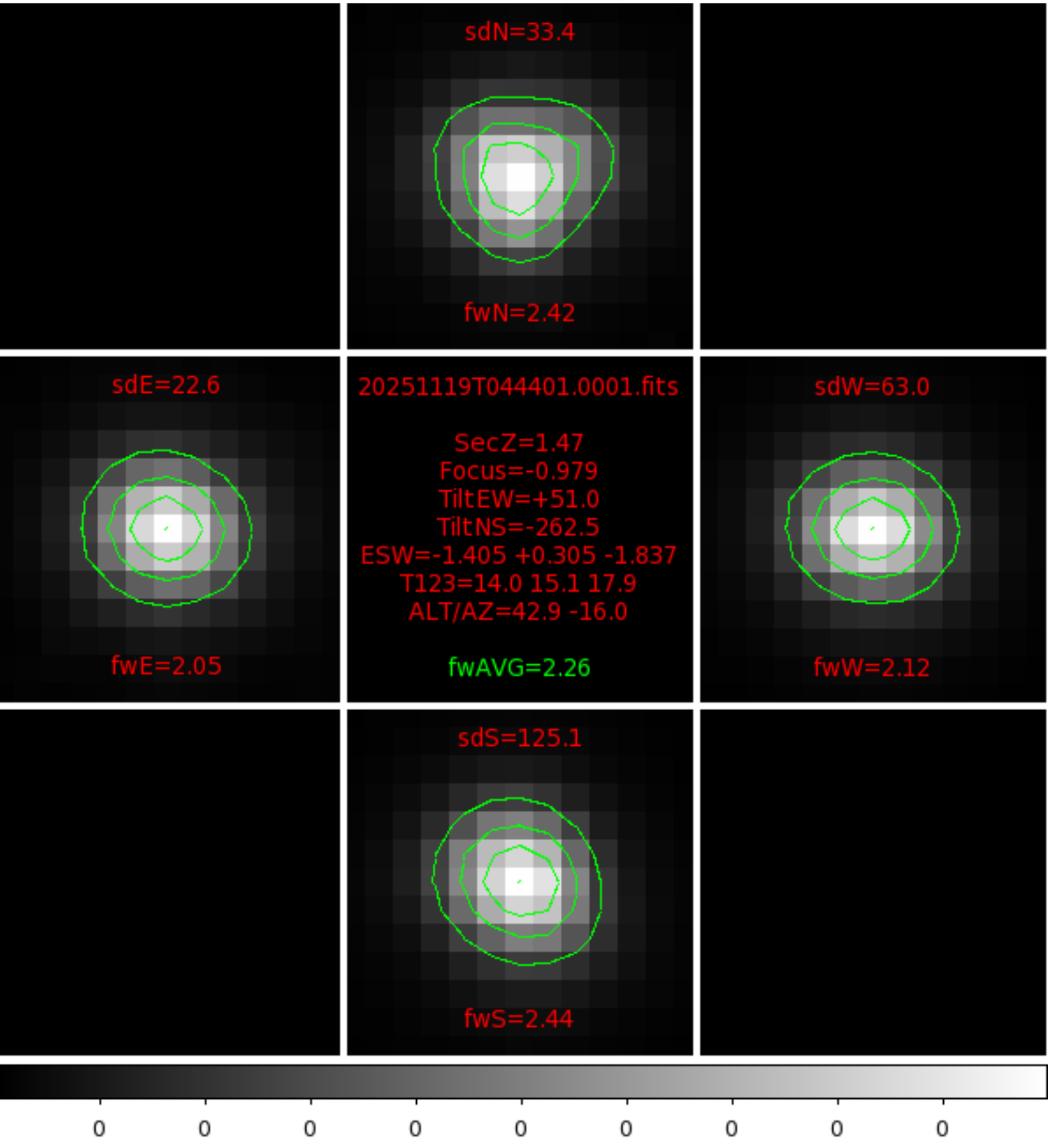
sdN=33.4
fwN=2.42
sdE=22.6
fwE=2.05
20251119T044401.0001.fits
SecZ=1.47
Focus=-0.979
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.405 +0.305 -1.837
T123=14.0 15.1 17.9
ALT/AZ=42.9 -16.0
fwAVG=2.26
sdW=63.0
fwW=2.12
sdS=125.1
fwS=2.44
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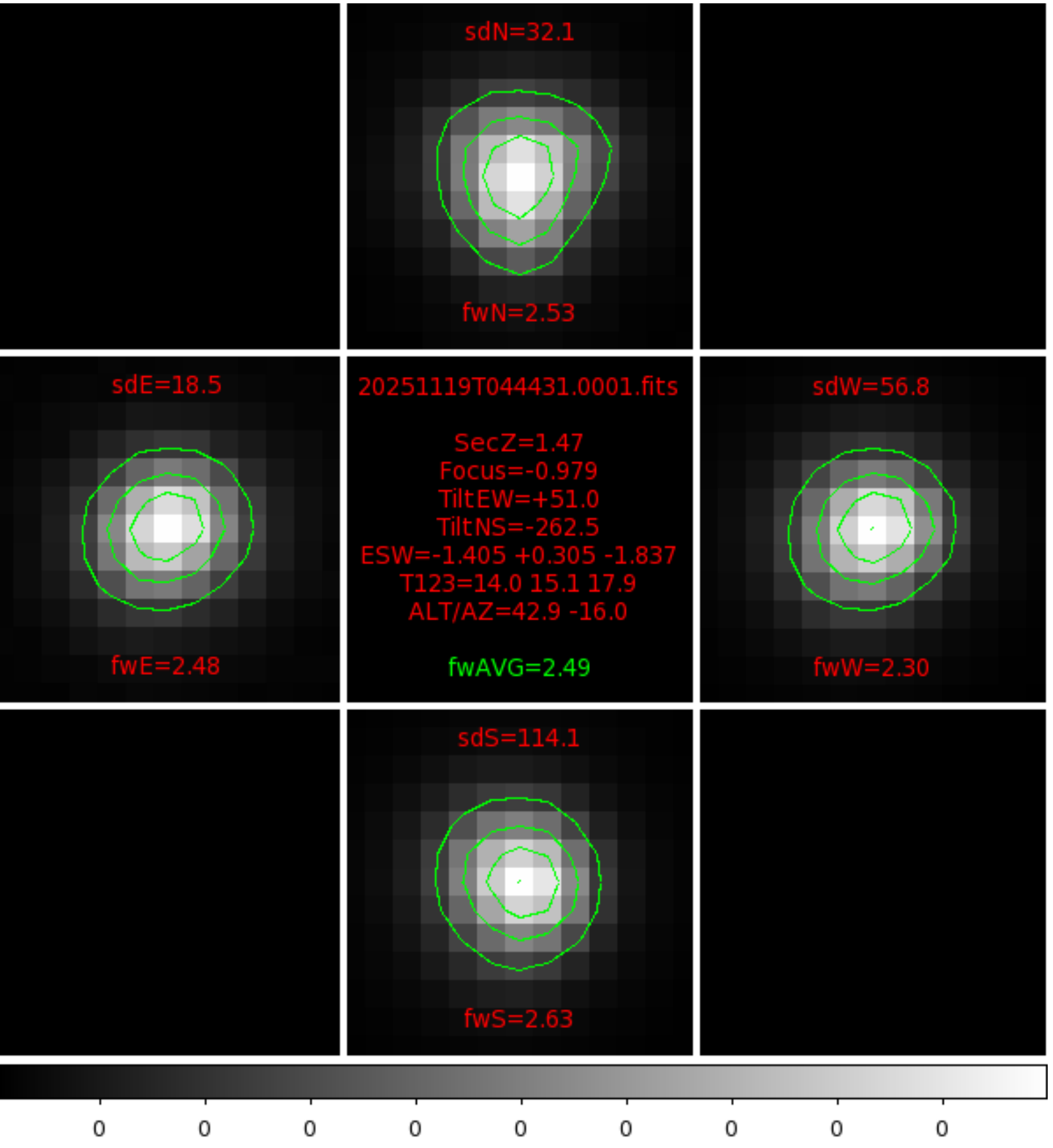
sdN=32.1
fwN=2.53
sdE=18.5
fwE=2.48
20251119T044431.0001.fits
SecZ=1.47
Focus=-0.979
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.405 +0.305 -1.837
T123=14.0 15.1 17.9
ALT/AZ=42.9 -16.0
fwAVG=2.49
sdW=56.8
fwW=2.30
sdS=114.1
fwS=2.63
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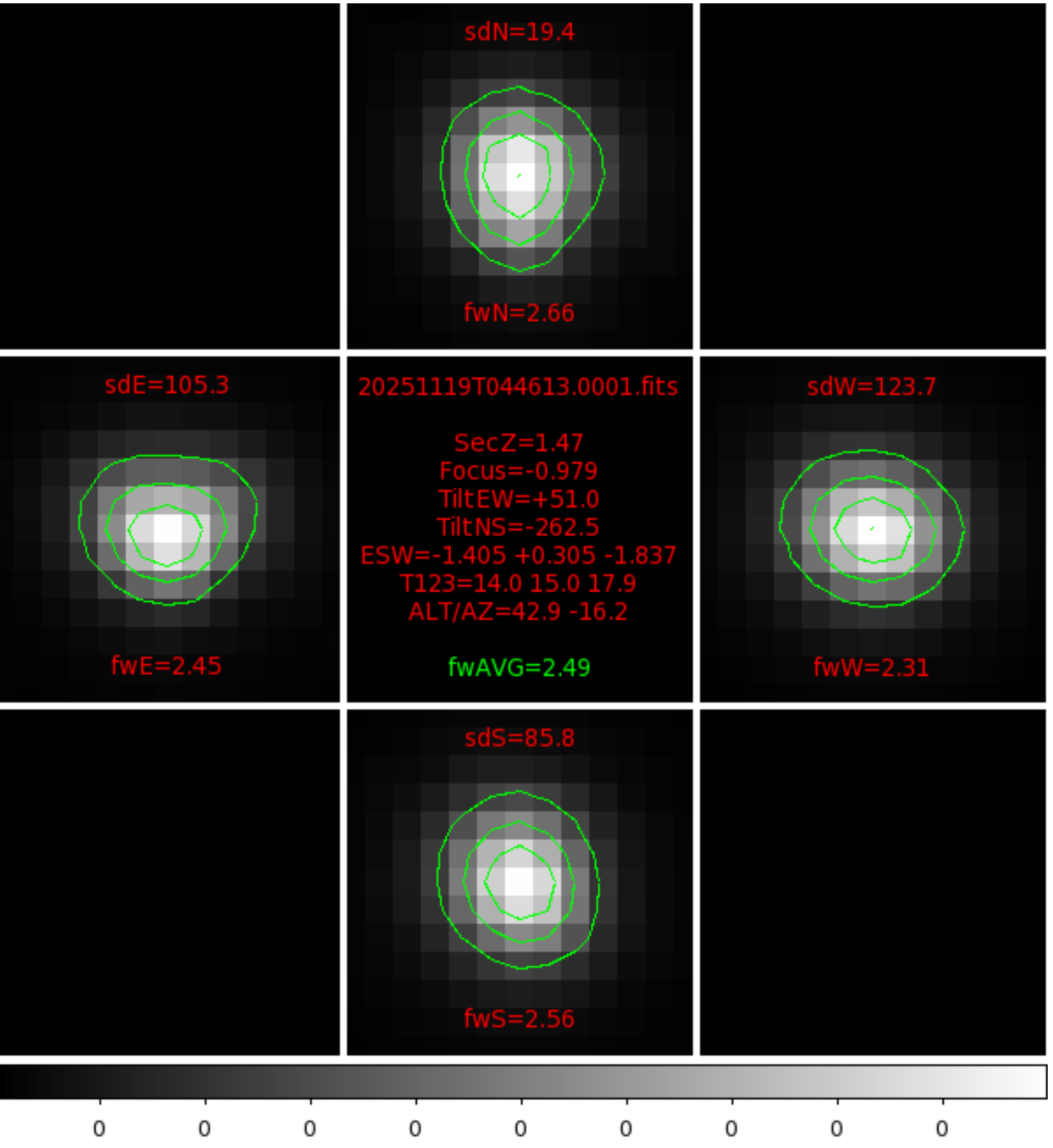
sdN=19.4
fwN=2.66
sdE=105.3
fwE=2.45
20251119T044613.0001.fits
SecZ=1.47
Focus=-0.979
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.405 +0.305 -1.837
T123=14.0 15.0 17.9
ALT/AZ=42.9 -16.2
fwAVG=2.49
sdW=123.7
fwW=2.31
sdS=85.8
fwS=2.56
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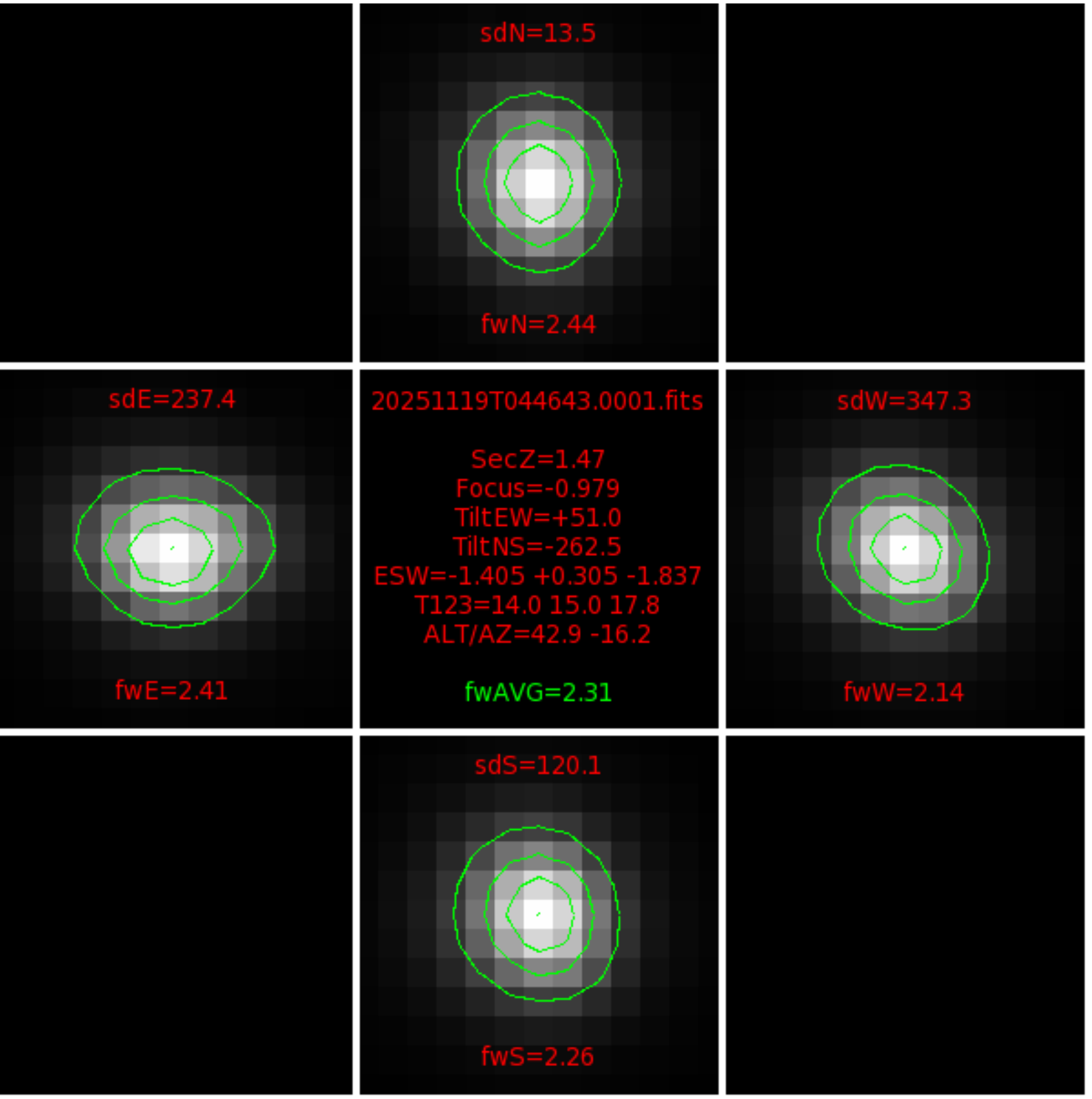
sdN=13.5
fwN=2.44
sdE=237.4
fwE=2.41
20251119T044643.0001.fits
SecZ=1.47
Focus=-0.979
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.405 +0.305 -1.837
T123=14.0 15.0 17.8
ALT/AZ=42.9 -16.2
fwAVG=2.31
sdW=347.3
fwW=2.14
sdS=120.1
fwS=2.26
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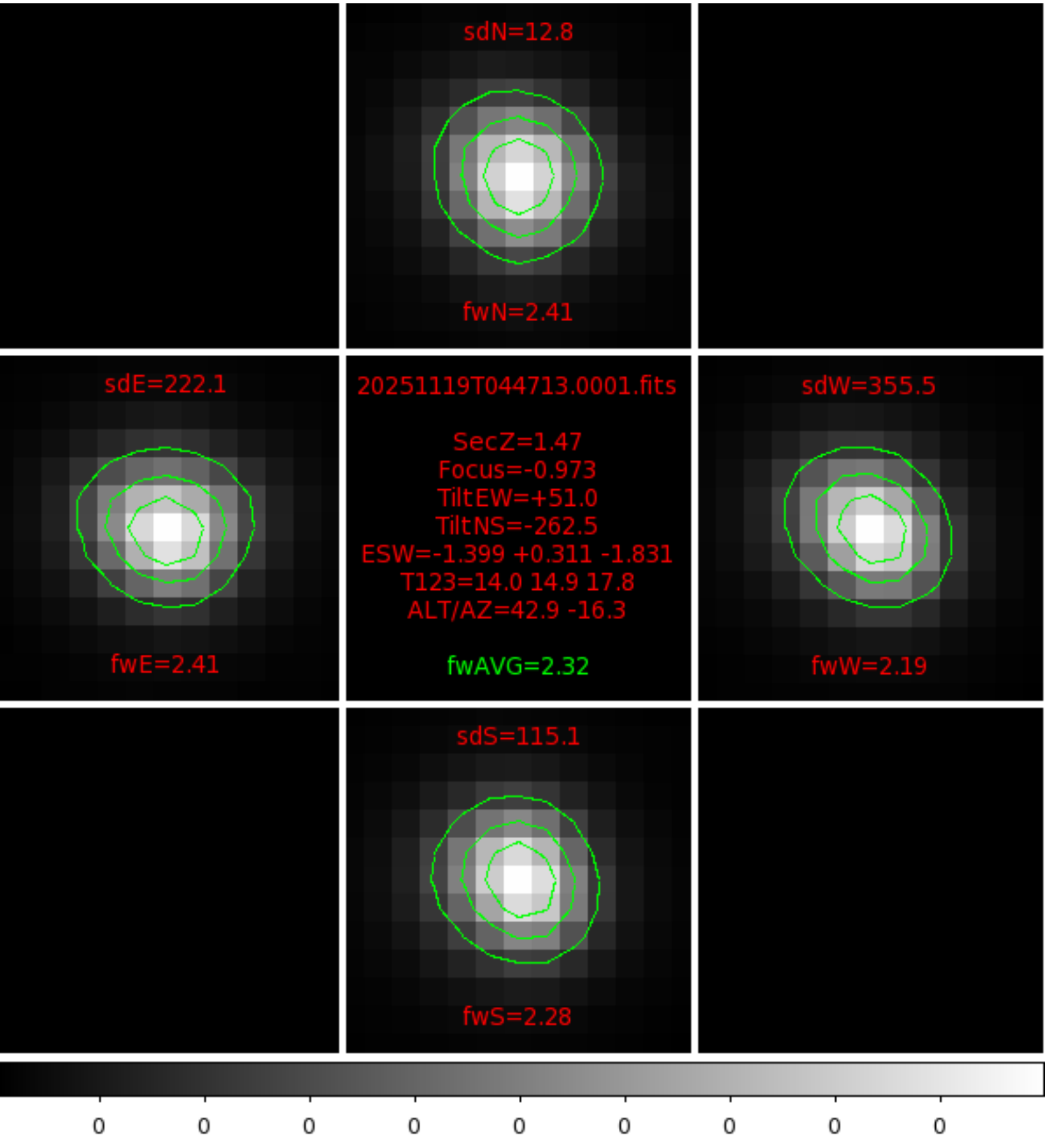
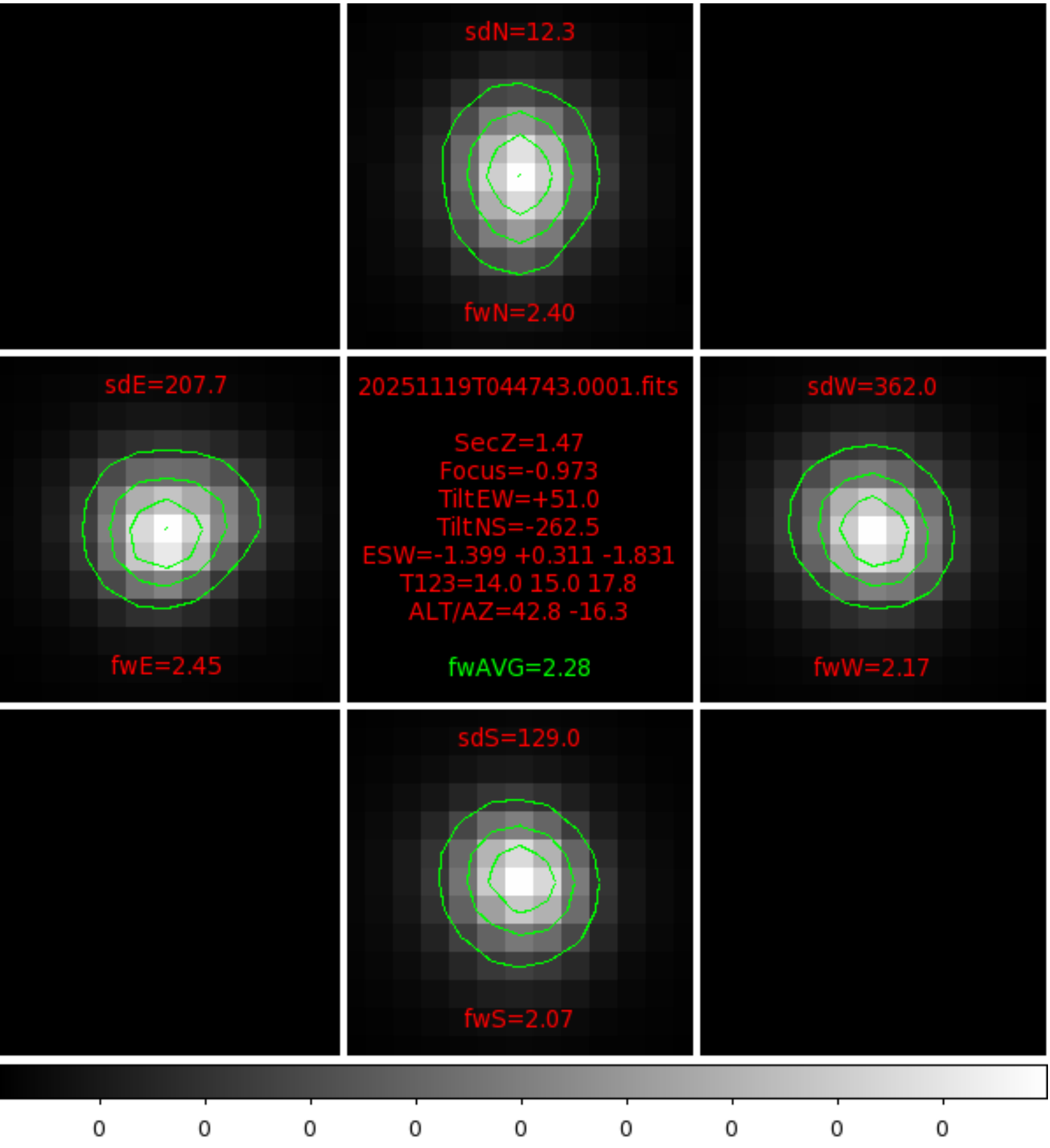
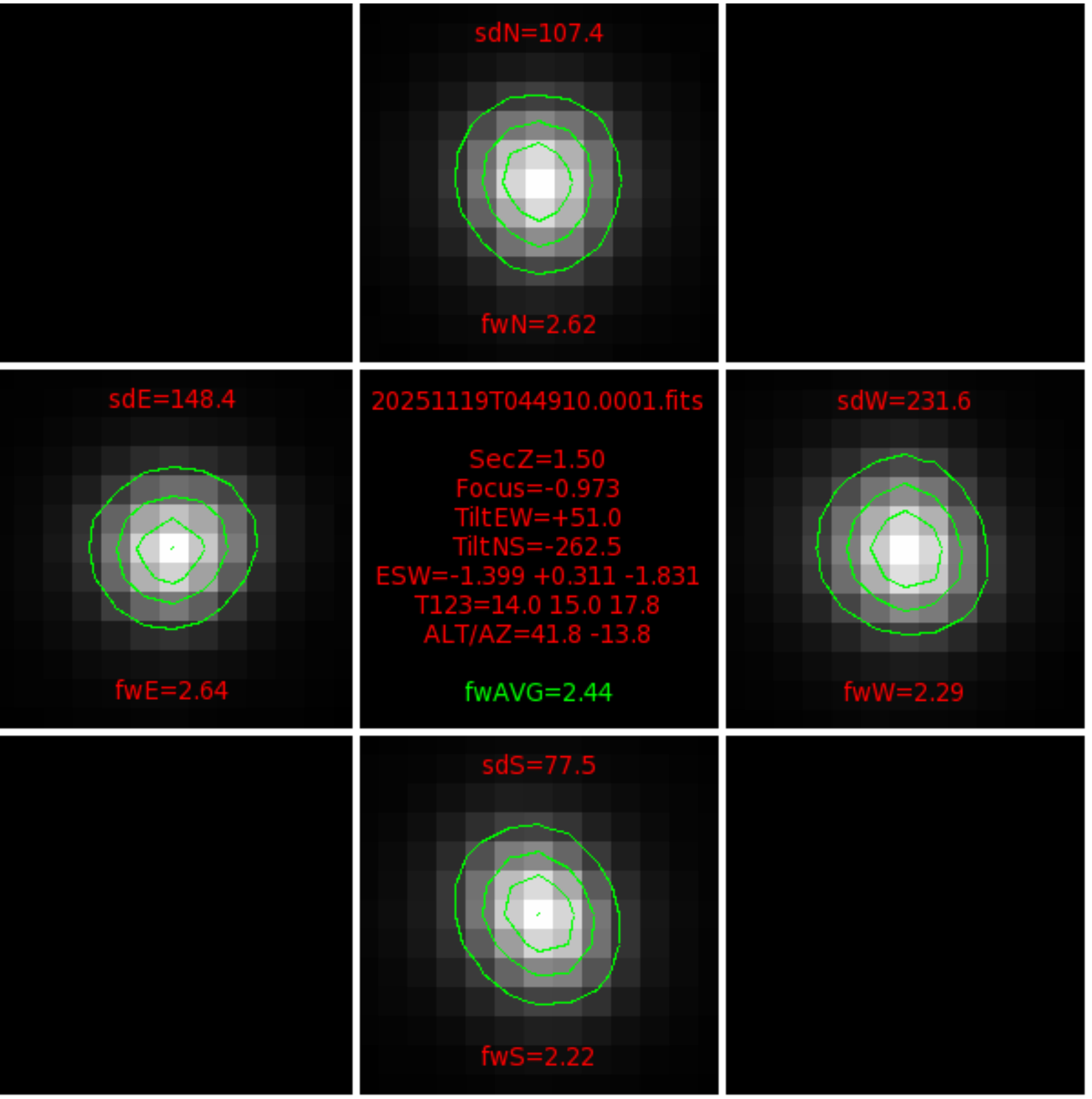

sdN=12.8
fwN=2.41
sdE=222.1
fwE=2.41
20251119T044713.0001.fits
SecZ=1.47
Focus=-0.973
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.399 +0.311 -1.831
T123=14.0 14.9 17.8
ALT/AZ=42.9 -16.3
fwAVG=2.32
sdW=355.5
fwW=2.19
sdS=115.1
fwS=2.28
0 0 0 0 0 0 0 0 0


sdN=12.3
fwN=2.40
sdE=207.7
fwE=2.45
20251119T044743.0001.fits
SecZ=1.47
Focus=-0.973
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.399 +0.311 -1.831
T123=14.0 15.0 17.8
ALT/AZ=42.8 -16.3
fwAVG=2.28
sdW=362.0
fwW=2.17
sdS=129.0
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=107.4
fwN=2.62
sdE=148.4
fwE=2.64
20251119T044910.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.399 +0.311 -1.831
T123=14.0 15.0 17.8
ALT/AZ=41.8 -13.8
fwAVG=2.44
sdW=231.6
fwW=2.29
sdS=77.5
fwS=2.22
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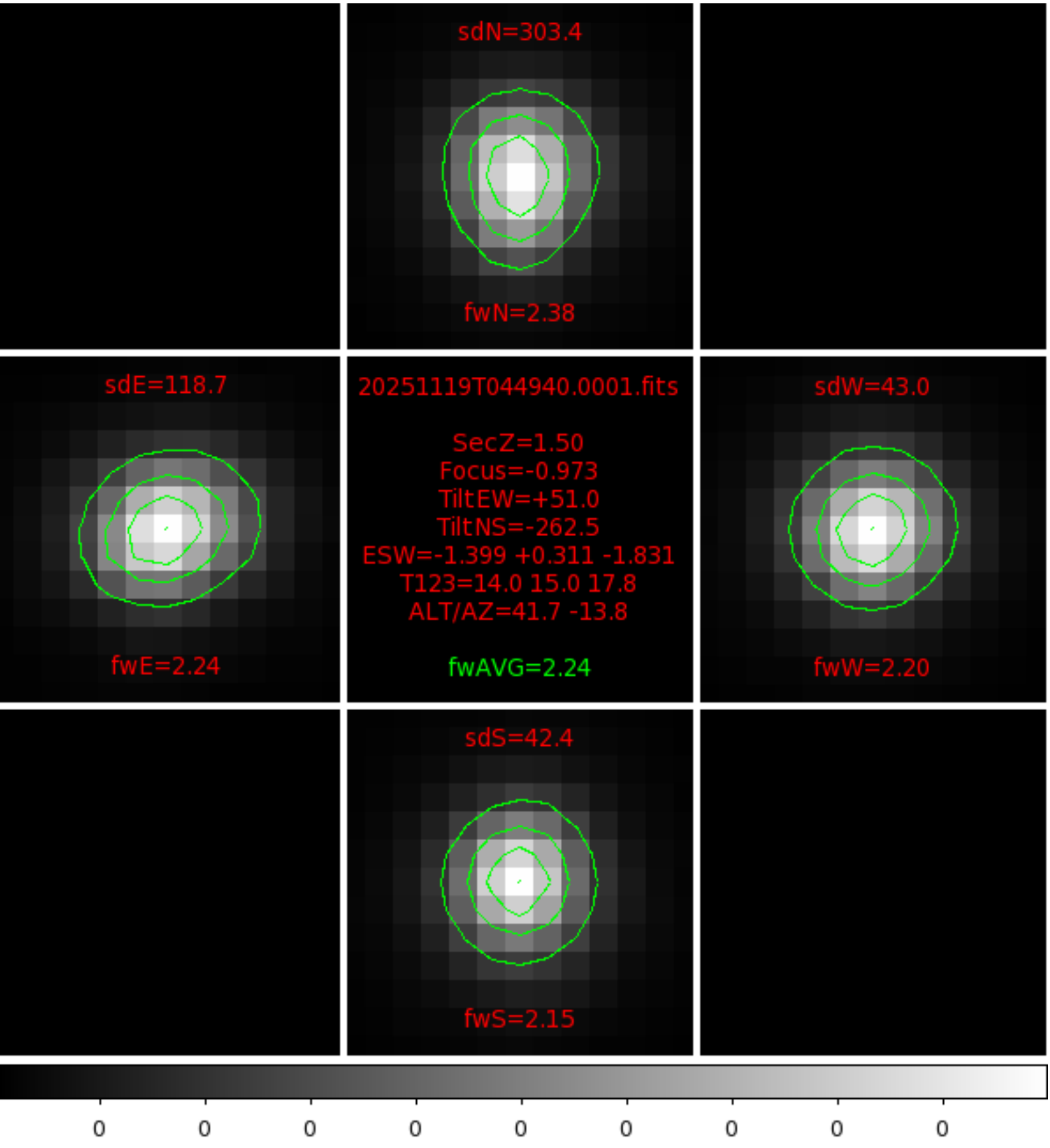
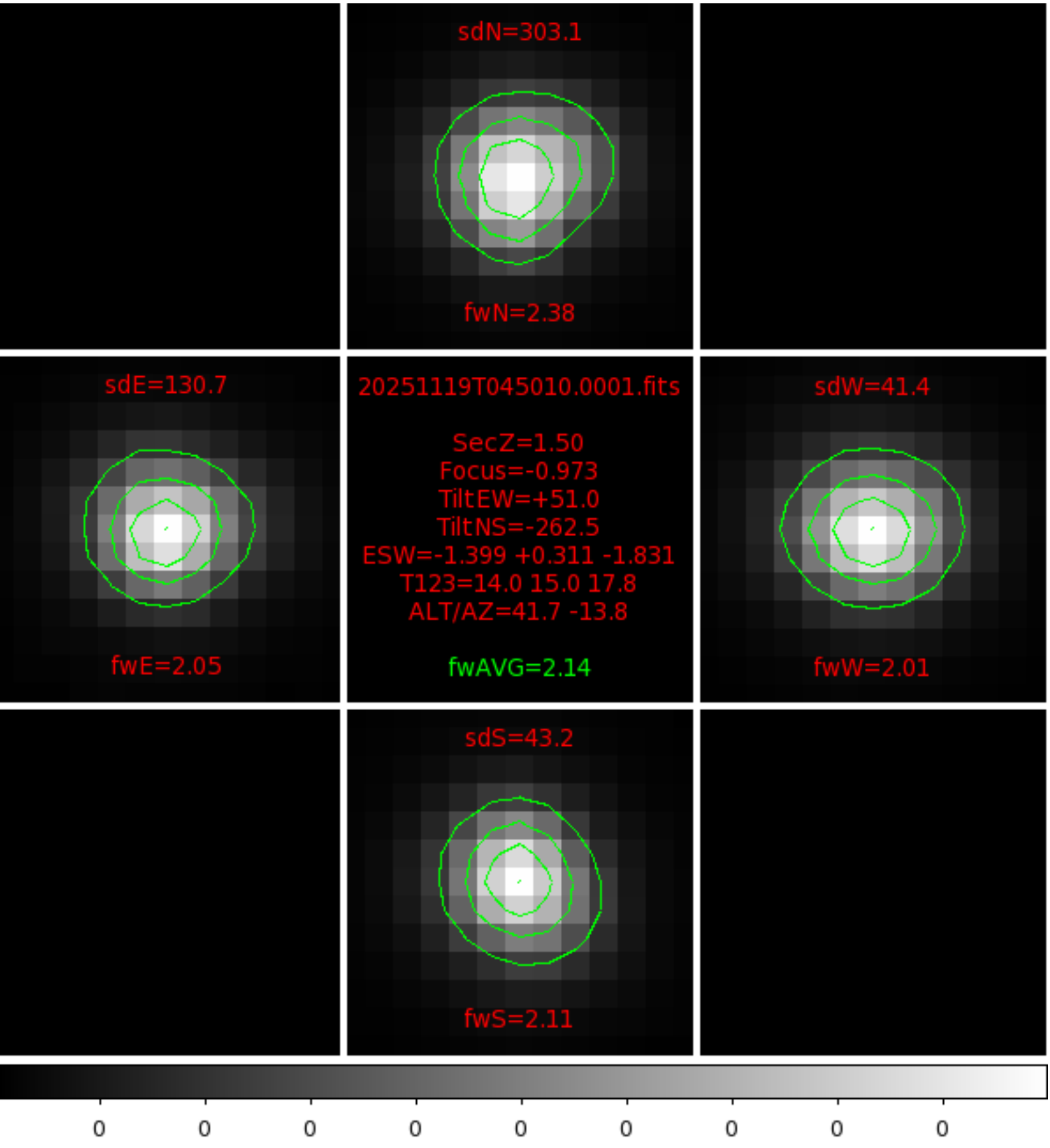

sdN=303.4
fwN=2.38
sdE=118.7
fwE=2.24
20251119T044940.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.399 +0.311 -1.831
T123=14.0 15.0 17.8
ALT/AZ=41.7 -13.8
fwAVG=2.24
sdW=43.0
fwW=2.20
sdS=42.4
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=303.1
fwN=2.38
sdE=130.7
fwE=2.05
20251119T045010.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.399 +0.311 -1.831
T123=14.0 15.0 17.8
ALT/AZ=41.7 -13.8
fwAVG=2.14
sdW=41.4
fwW=2.01
sdS=43.2
fwS=2.11
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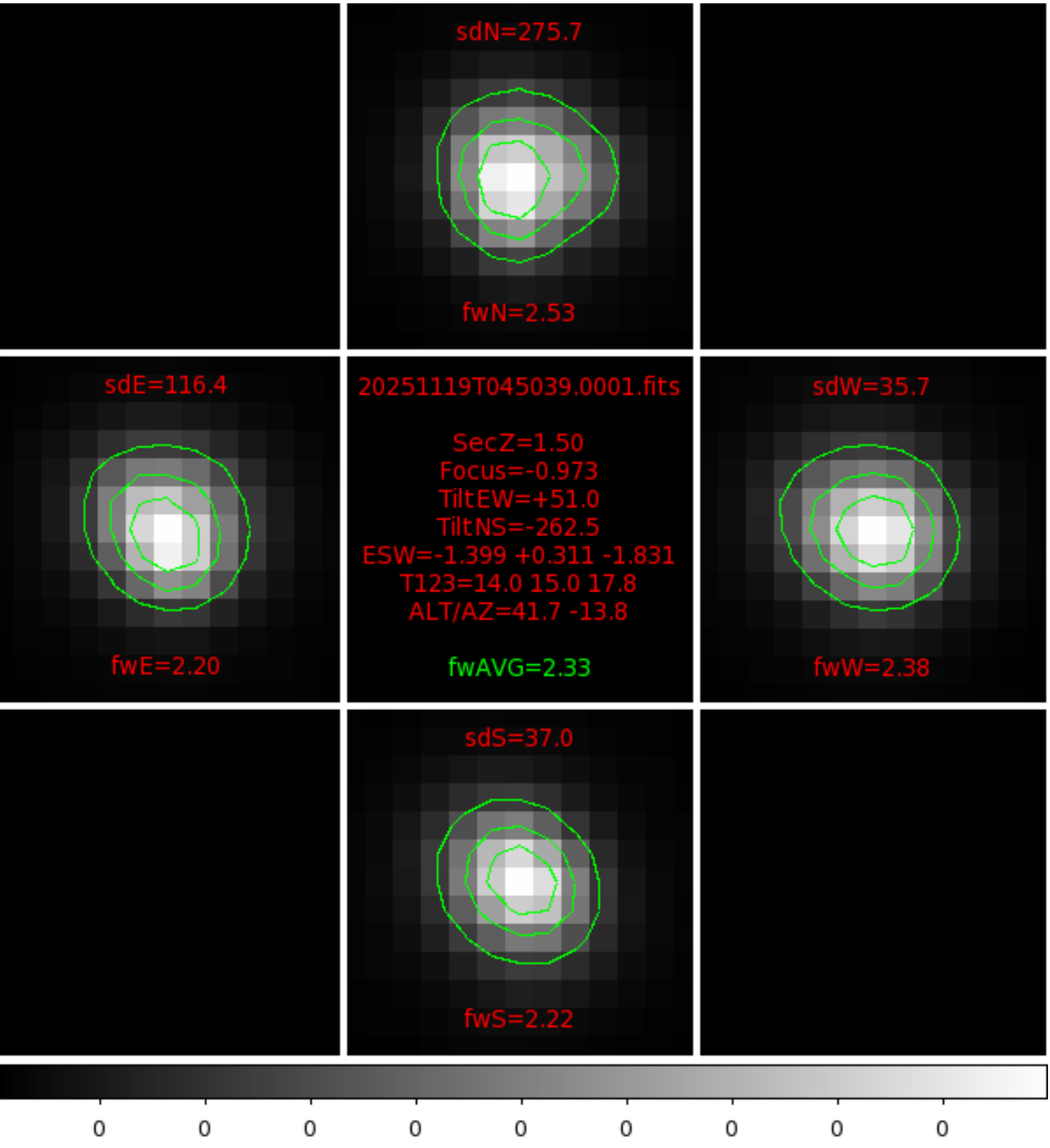
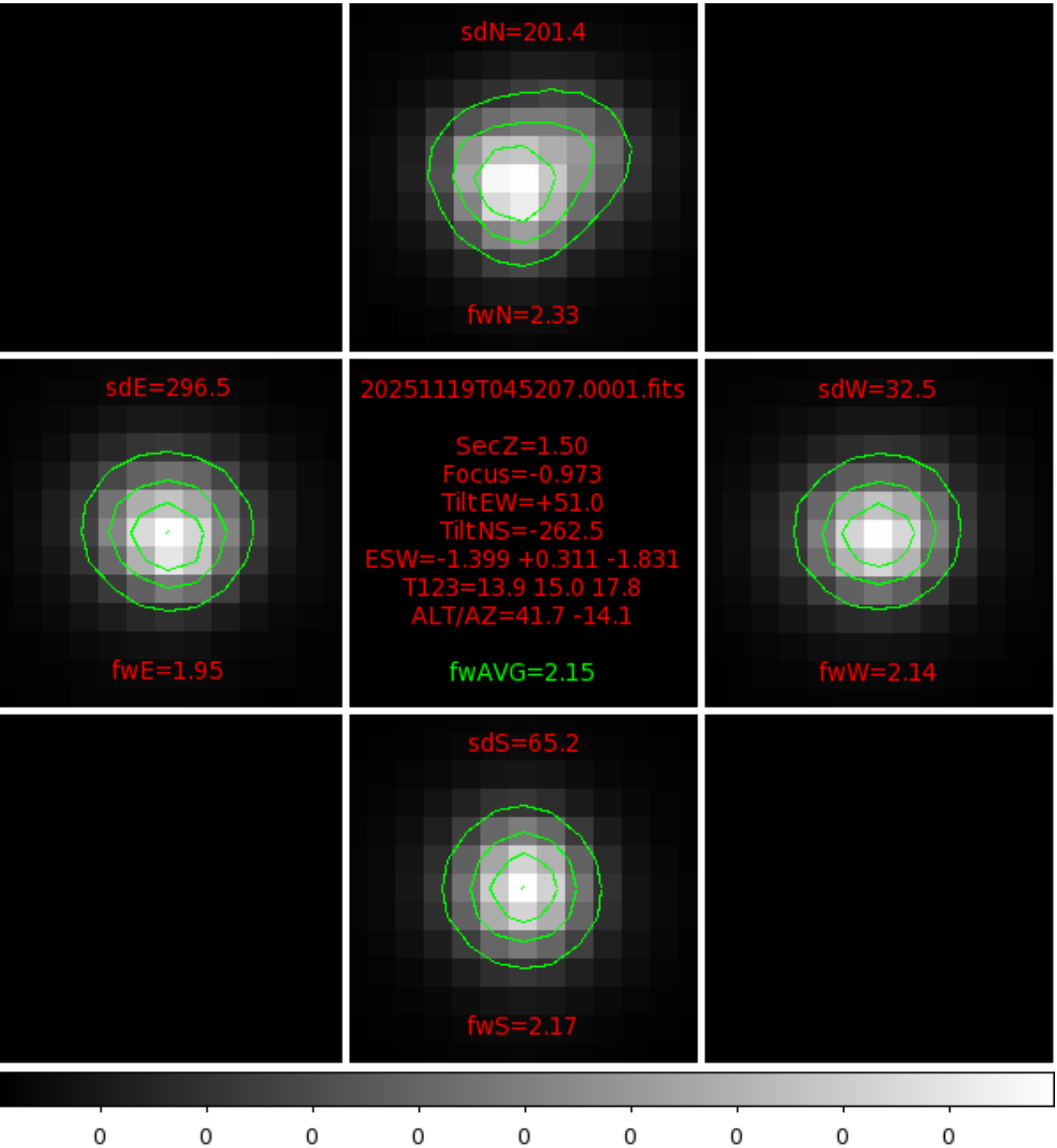

sdN=275.7
fwN=2.53
sdE=116.4
fwE=2.20
20251119T045039.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.399 +0.311 -1.831
T123=14.0 15.0 17.8
ALT/AZ=41.7 -13.8
fwAVG=2.33
sdW=35.7
fwW=2.38
sdS=37.0
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=201.4
fwN=2.33
sdE=296.5
fwE=1.95
20251119T045207.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.399 +0.311 -1.831
T123=13.9 15.0 17.8
ALT/AZ=41.7 -14.1
fwAVG=2.15
sdW=32.5
fwW=2.14
sdS=65.2
fwS=2.17
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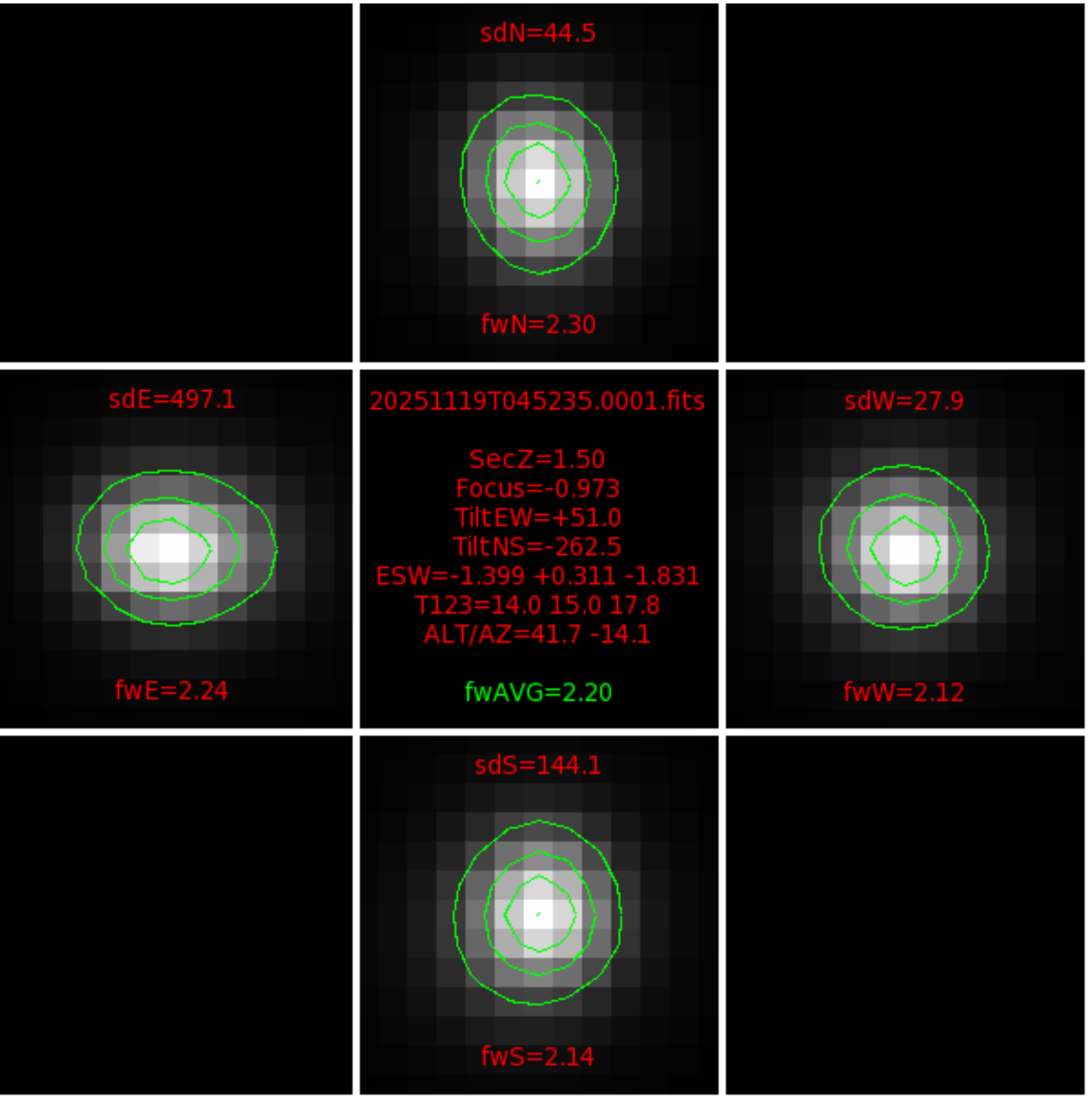
sdN=44.5
fwN=2.30
sdE=497.1
fwE=2.24
20251119T045235.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.399 +0.311 -1.831
T123=14.0 15.0 17.8
ALT/AZ=41.7 -14.1
fwAVG=2.20
sdW=27.9
fwW=2.12
sdS=144.1
fwS=2.14
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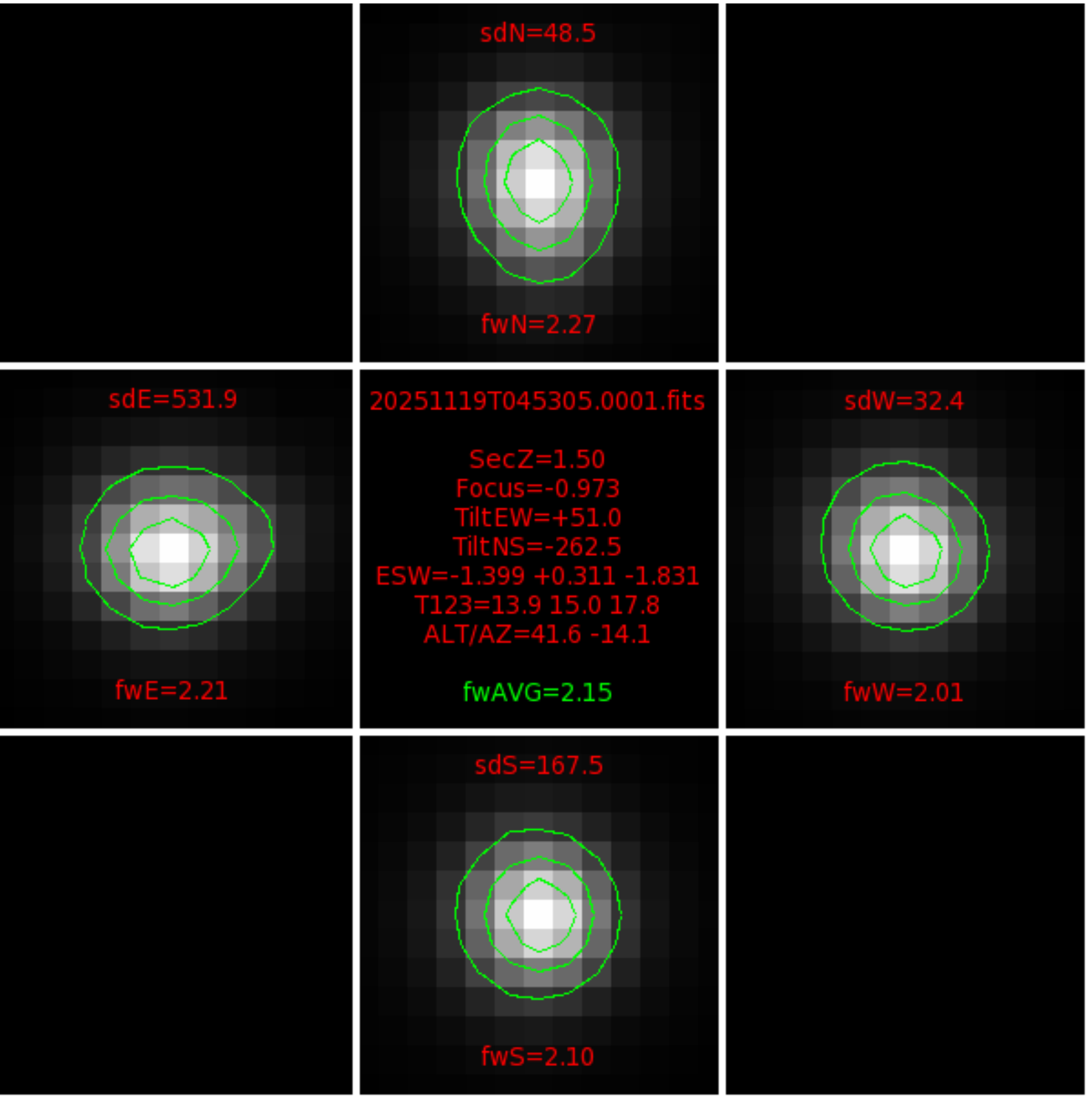
sdN=48.5
fwN=2.27
sdE=531.9
fwE=2.21
20251119T045305.0001.fits
SecZ=1.50
Focus=-0.973
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.399 +0.311 -1.831
T123=13.9 15.0 17.8
ALT/AZ=41.6 -14.1
fwAVG=2.15
sdW=32.4
fwW=2.01
sdS=167.5
fwS=2.10
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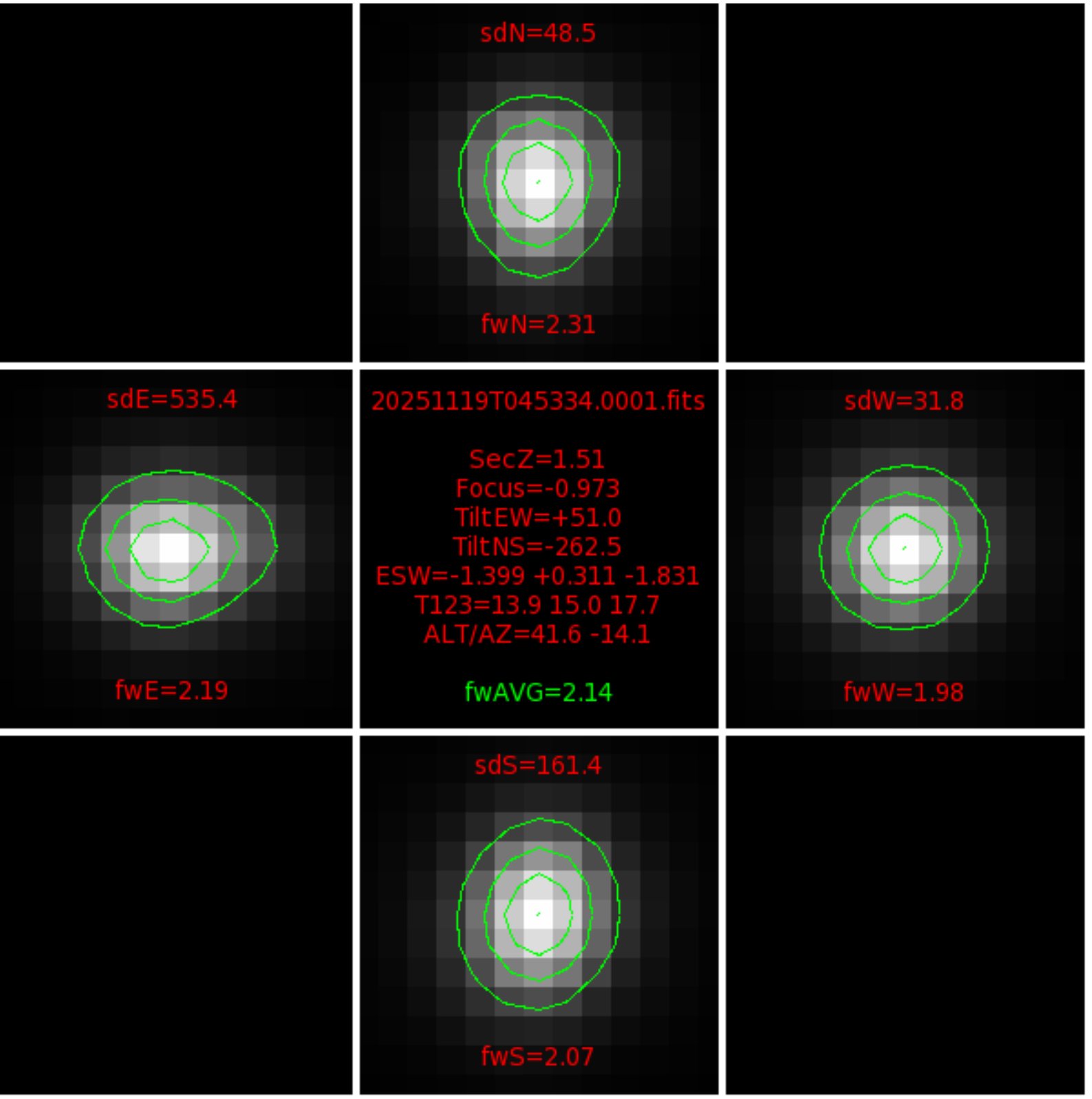
sdN=48.5
fwN=2.31
sdE=535.4
fwE=2.19
20251119T045334.0001.fits
SecZ=1.51
Focus=-0.973
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.399 +0.311 -1.831
T123=13.9 15.0 17.7
ALT/AZ=41.6 -14.1
fwAVG=2.14
sdW=31.8
fwW=1.98
sdS=161.4
fwS=2.07
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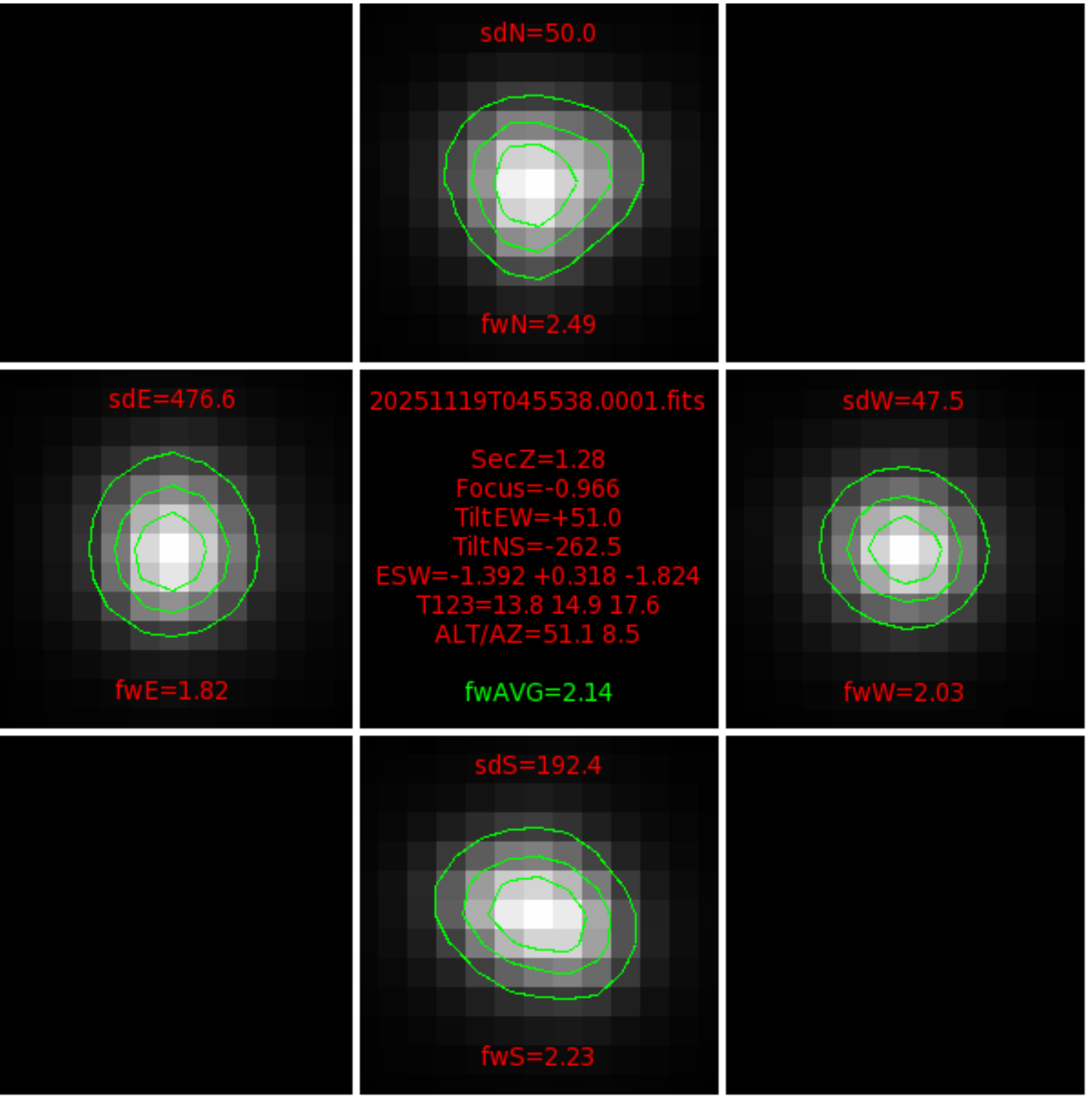
sdN=50.0
fwN=2.49
sdE=476.6
fwE=1.82
20251119T045538.0001.fits
SecZ=1.28
Focus=-0.966
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.392 +0.318 -1.824
T123=13.8 14.9 17.6
ALT/AZ=51.1 8.5
fwAVG=2.14
sdW=47.5
fwW=2.03
sdS=192.4
fwS=2.23
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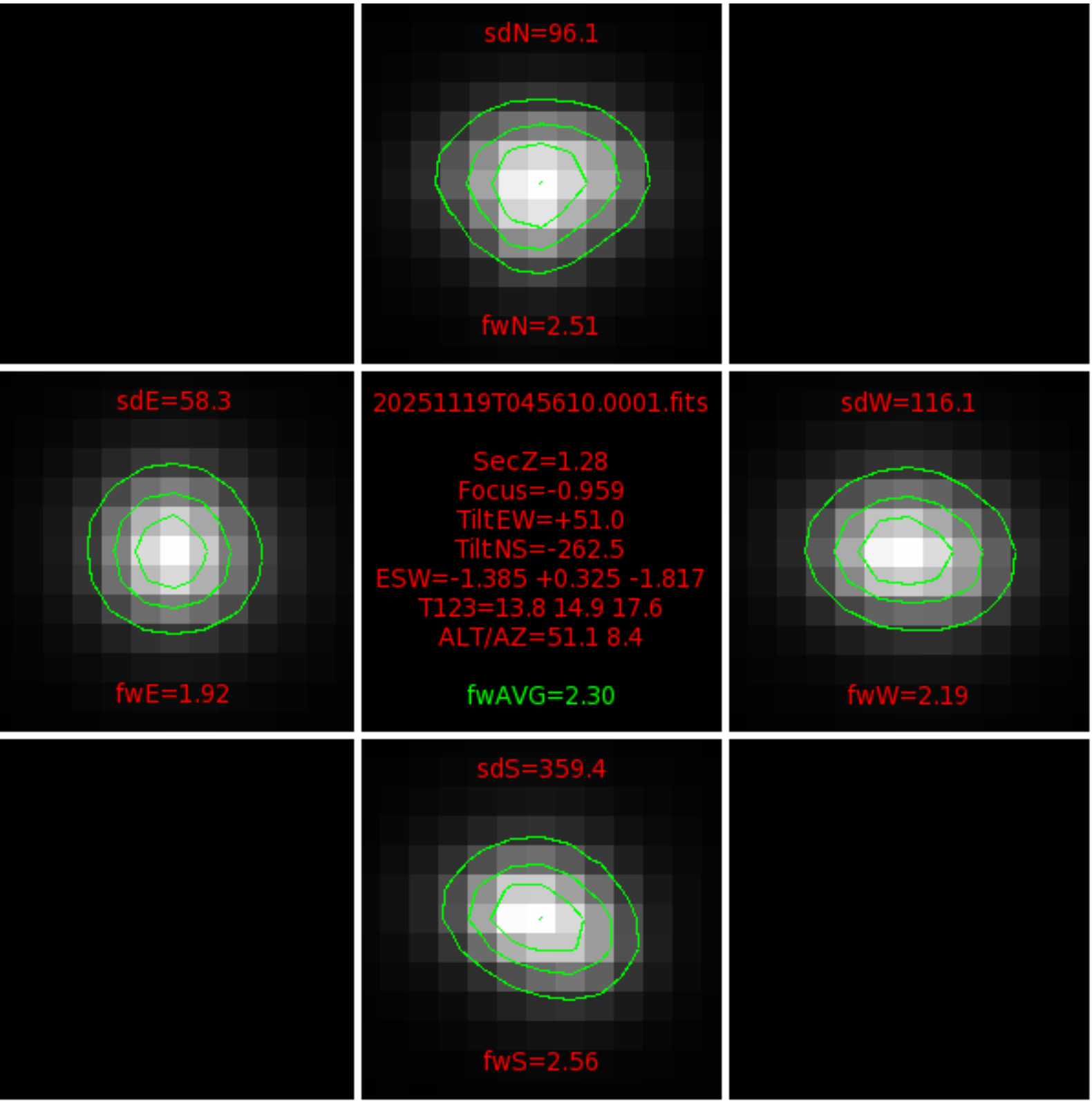
sdN=96.1
fwN=2.51
sdE=58.3
fwE=1.92
20251119T045610.0001.fits
SecZ=1.28
Focus=-0.959
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.385 +0.325 -1.817
T123=13.8 14.9 17.6
ALT/AZ=51.1 8.4
fwAVG=2.30
sdW=116.1
fwW=2.19
sdS=359.4
fwS=2.56
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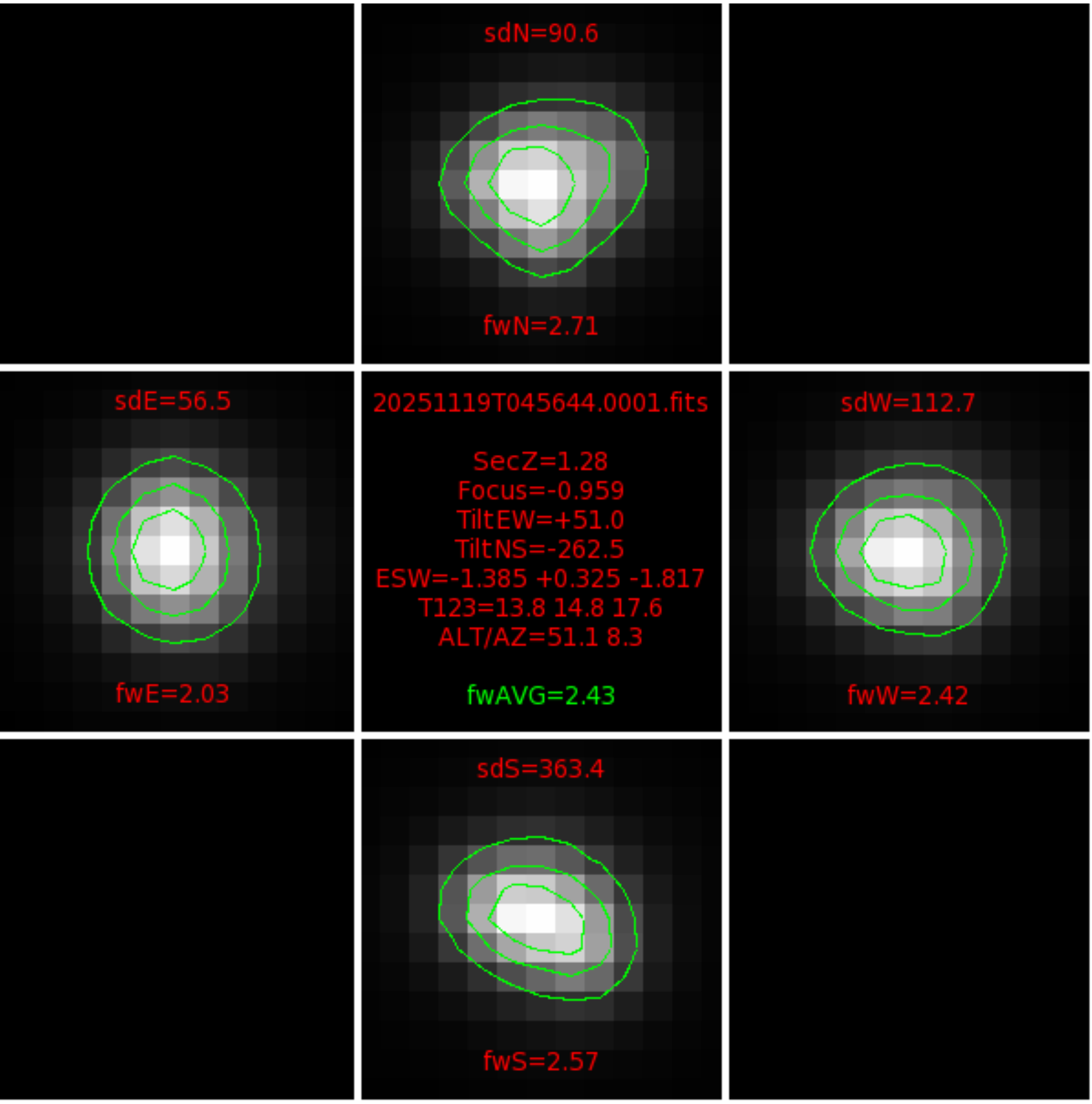
sdN=90.6
fwN=2.71
sdE=56.5
fwE=2.03
20251119T045644.0001.fits
SecZ=1.28
Focus=-0.959
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.385 +0.325 -1.817
T123=13.8 14.8 17.6
ALT/AZ=51.1 8.3
fwAVG=2.43
sdW=112.7
fwW=2.42
sdS=363.4
fwS=2.57
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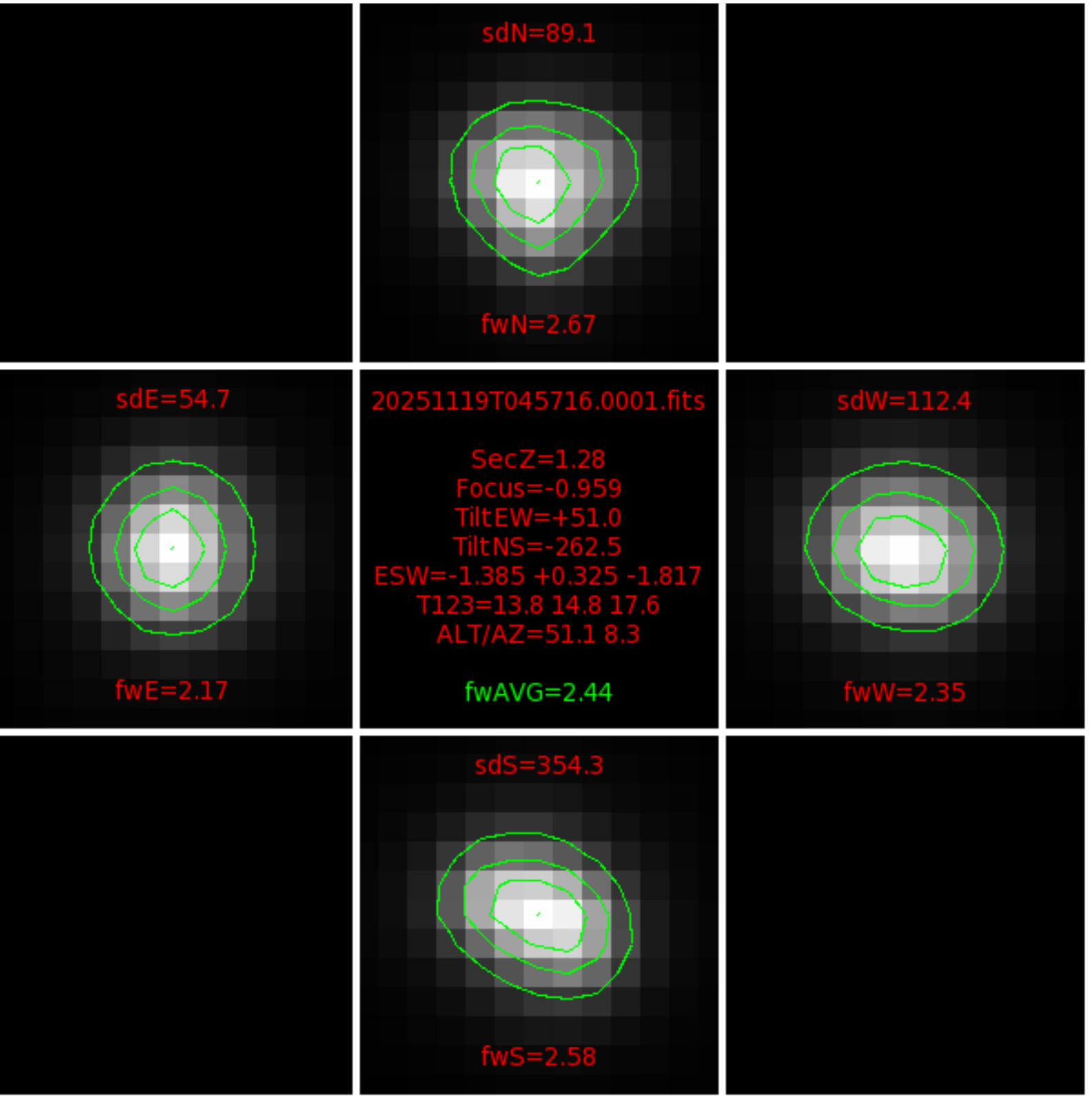
sdN=89.1
fwN=2.67
sdE=54.7
fwE=2.17
20251119T045716.0001.fits
SecZ=1.28
Focus=-0.959
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.385 +0.325 -1.817
T123=13.8 14.8 17.6
ALT/AZ=51.1 8.3
fwAVG=2.44
sdW=112.4
fwW=2.35
sdS=354.3
fwS=2.58
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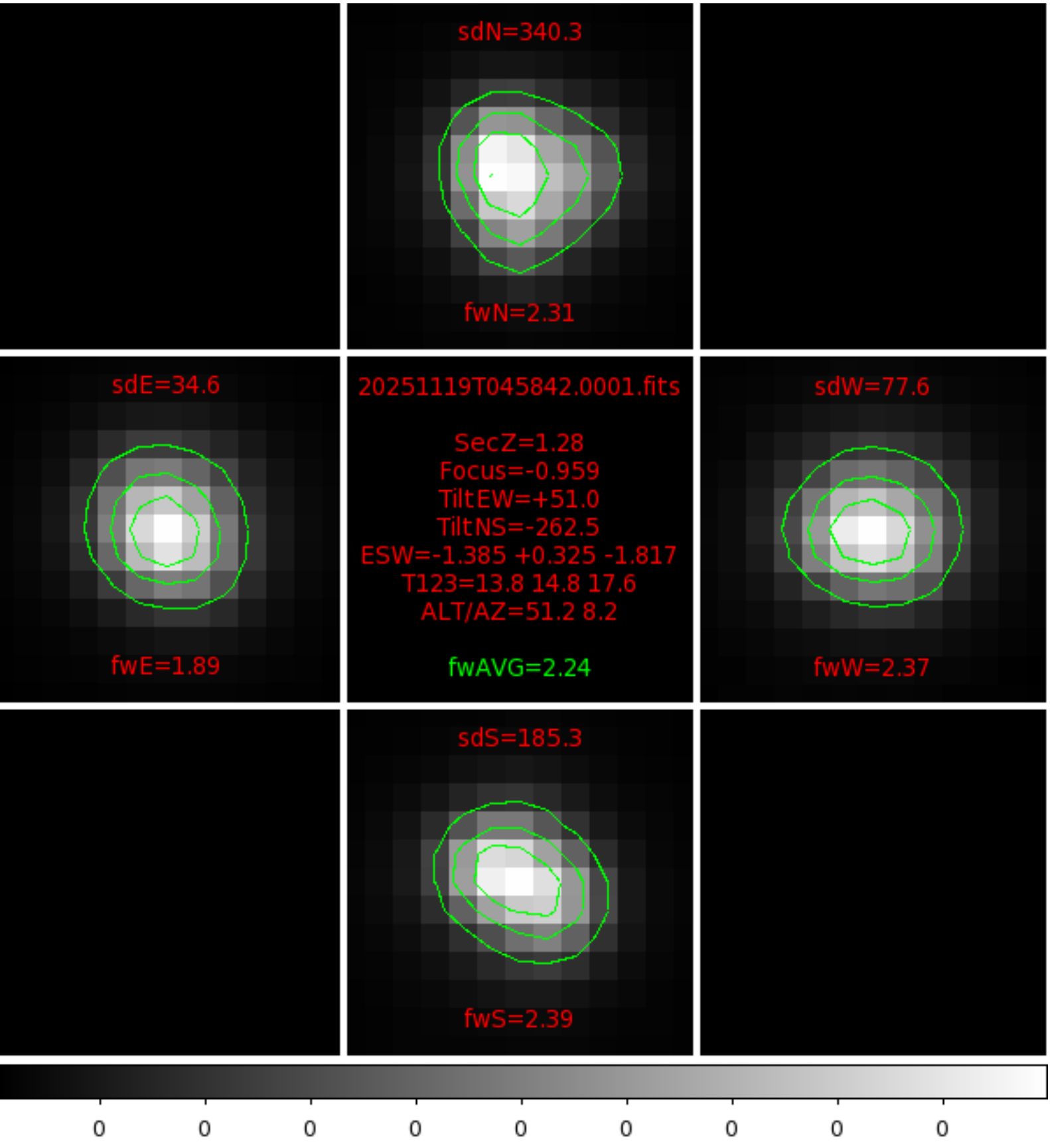
sdN=340.3
fwN=2.31
sdE=34.6
fwE=1.89
20251119T045842.0001.fits
SecZ=1.28
Focus=-0.959
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.385 +0.325 -1.817
T123=13.8 14.8 17.6
ALT/AZ=51.2 8.2
fwAVG=2.24
sdW=77.6
fwW=2.37
sdS=185.3
fwS=2.39
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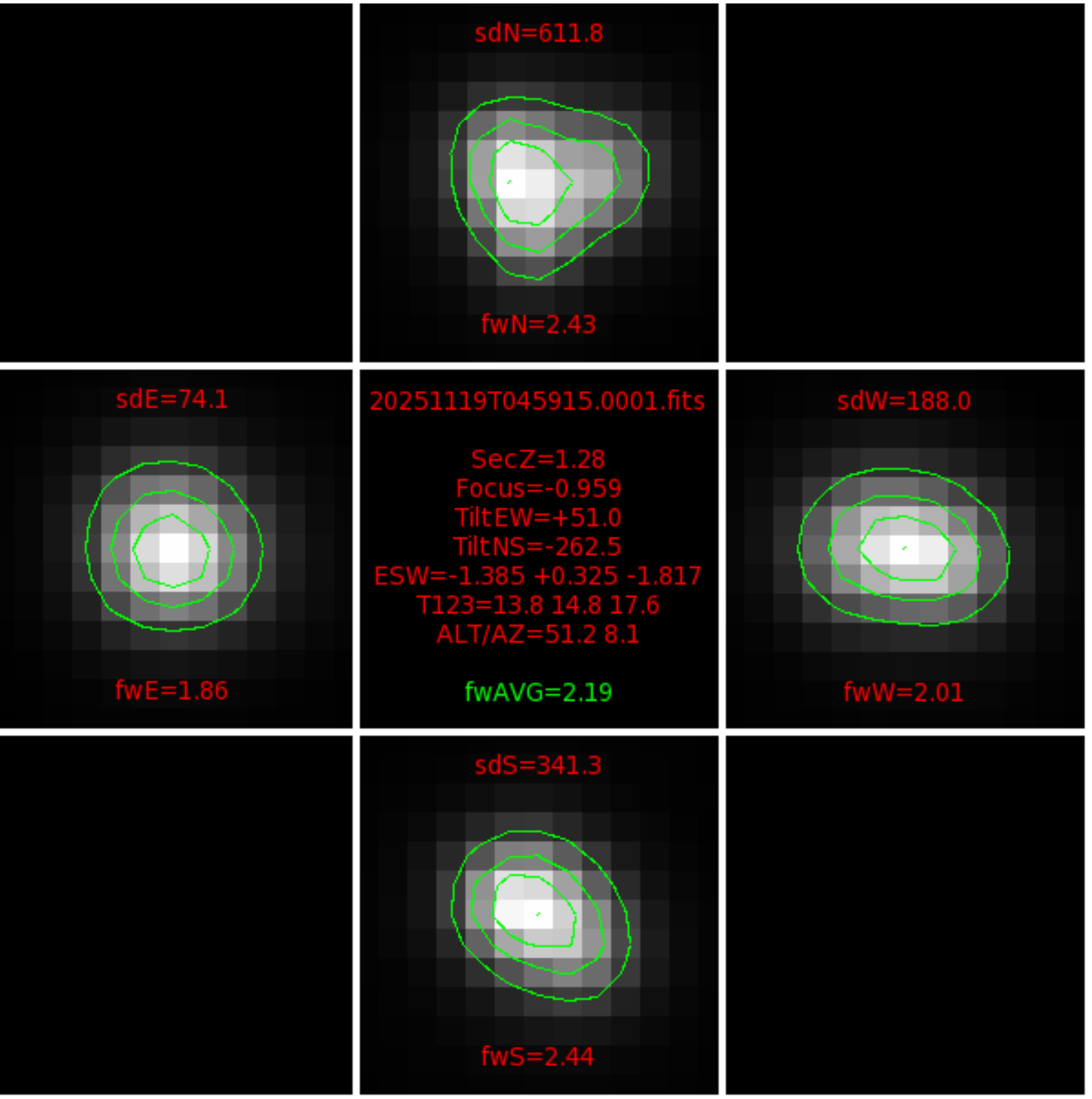
sdN=611.8
fwN=2.43
sdE=74.1
fwE=1.86
20251119T045915.0001.fits
SecZ=1.28
Focus=-0.959
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.385 +0.325 -1.817
T123=13.8 14.8 17.6
ALT/AZ=51.2 8.1
fwAVG=2.19
sdW=188.0
fwW=2.01
sdS=341.3
fwS=2.44
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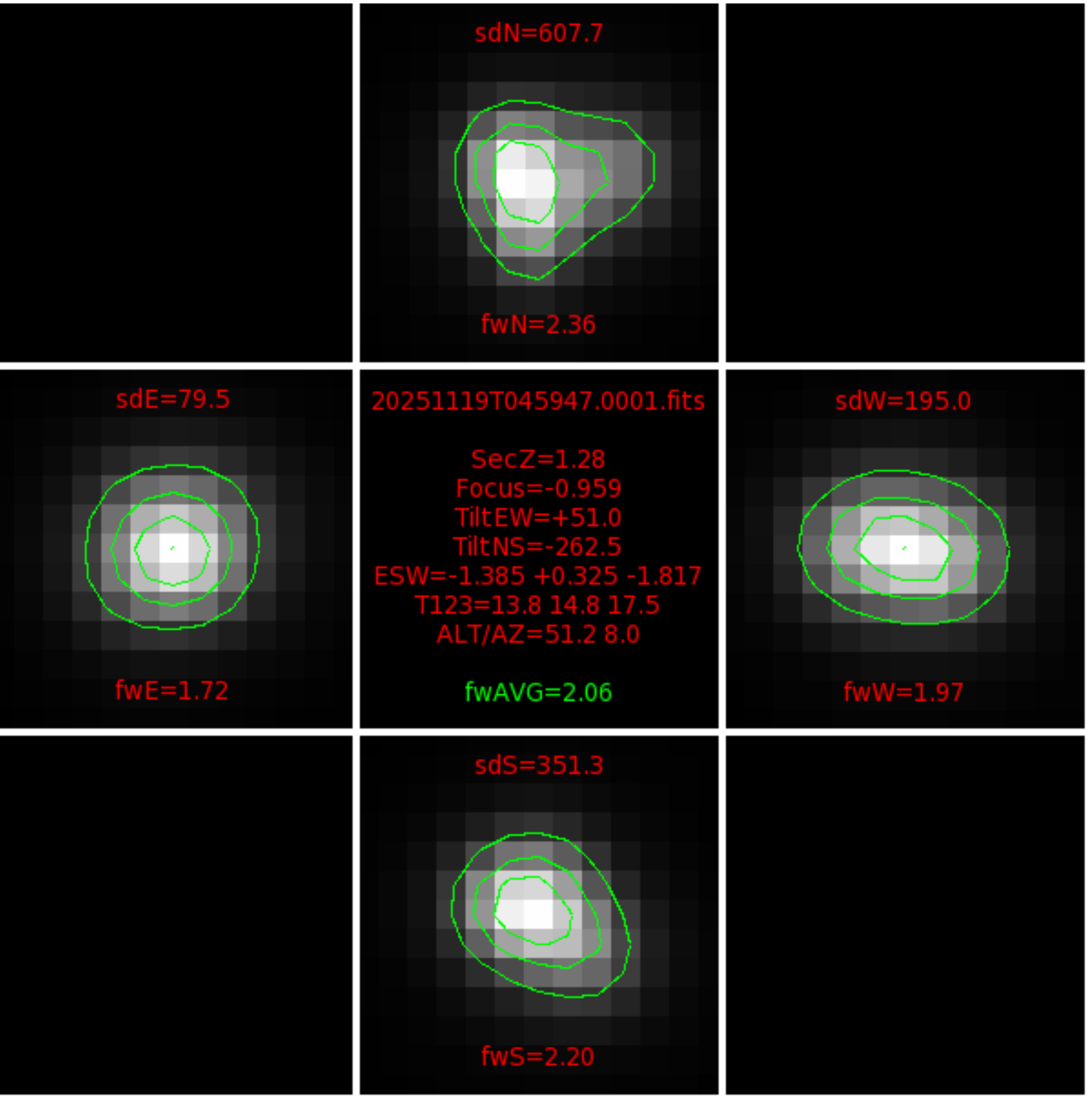
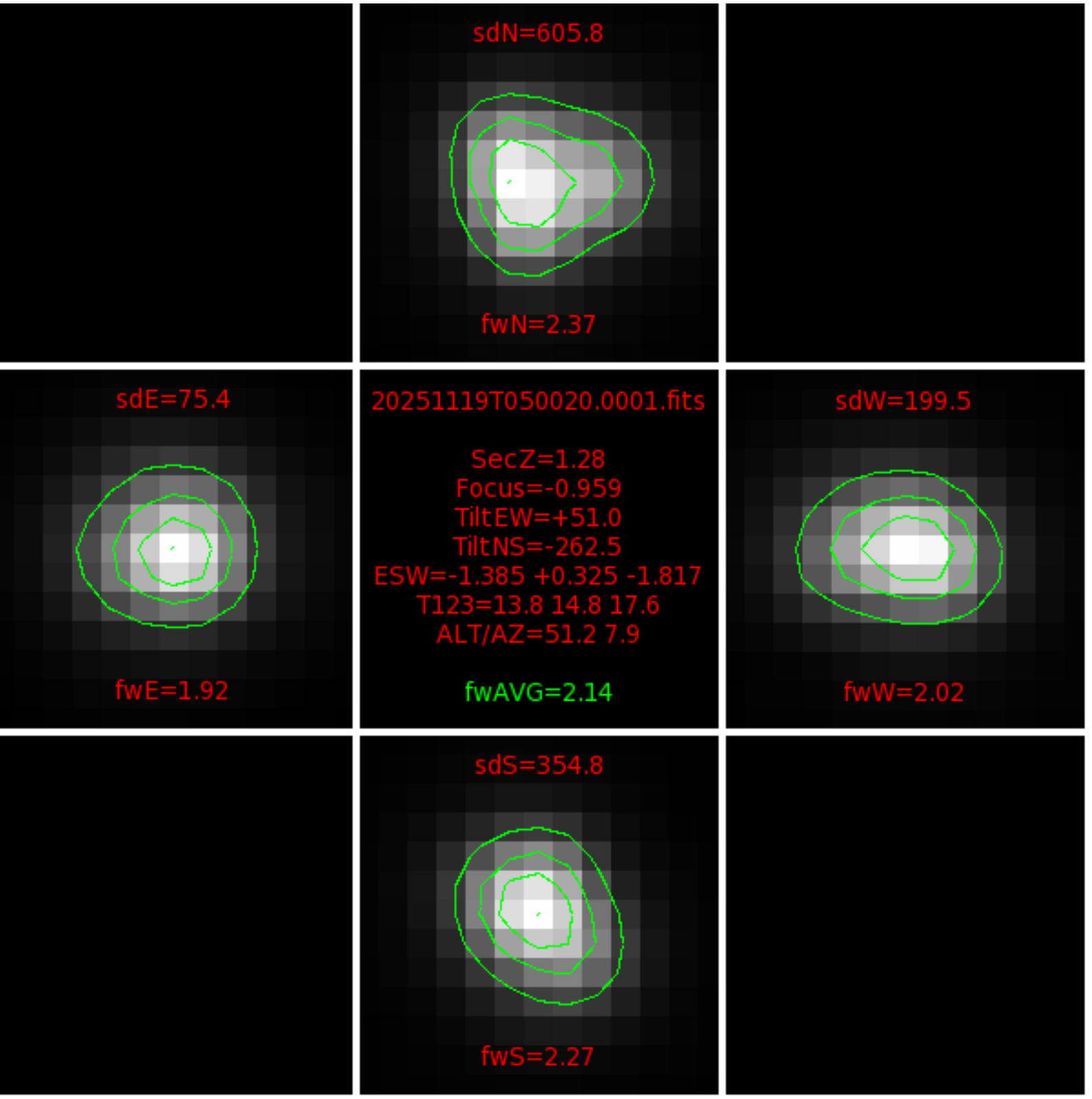

sdN=607.7
fwN=2.36
sdE=79.5
fwE=1.72
20251119T045947.0001.fits
SecZ=1.28
Focus=-0.959
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.385 +0.325 -1.817
T123=13.8 14.8 17.5
ALT/AZ=51.2 8.0
fwAVG=2.06
sdW=195.0
fwW=1.97
sdS=351.3
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=605.8
fwN=2.37
sdE=75.4
fwE=1.92
20251119T050020.0001.fits
SecZ=1.28
Focus=-0.959
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.385 +0.325 -1.817
T123=13.8 14.8 17.6
ALT/AZ=51.2 7.9
fwAVG=2.14
sdW=199.5
fwW=2.02
sdS=354.8
fwS=2.27
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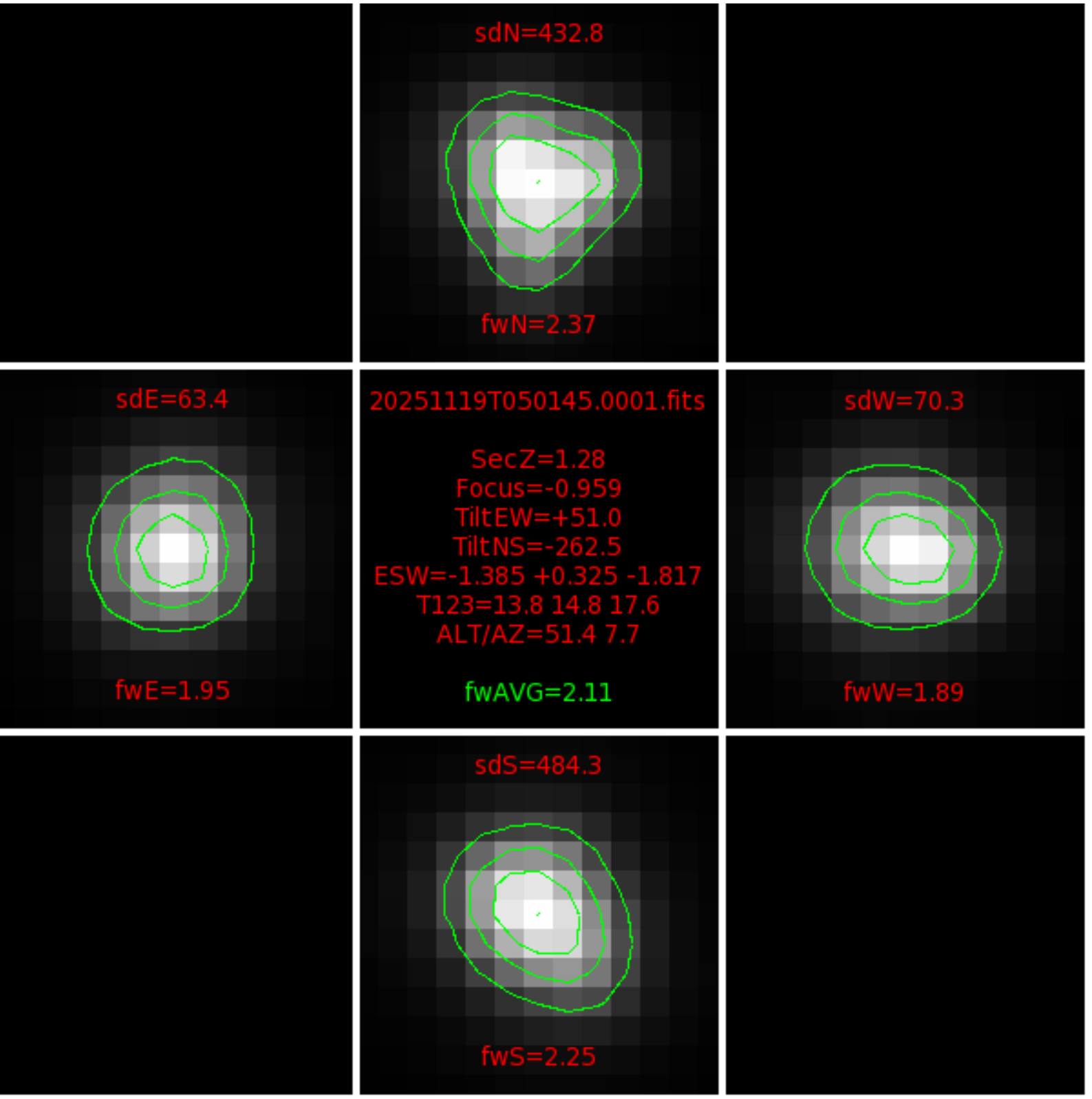
sdN=432.8
fwN=2.37
sdE=63.4
fwE=1.95
20251119T050145.0001.fits
SecZ=1.28
Focus=-0.959
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.385 +0.325 -1.817
T123=13.8 14.8 17.6
ALT/AZ=51.4 7.7
fwAVG=2.11
sdW=70.3
fwW=1.89
sdS=484.3
fwS=2.25
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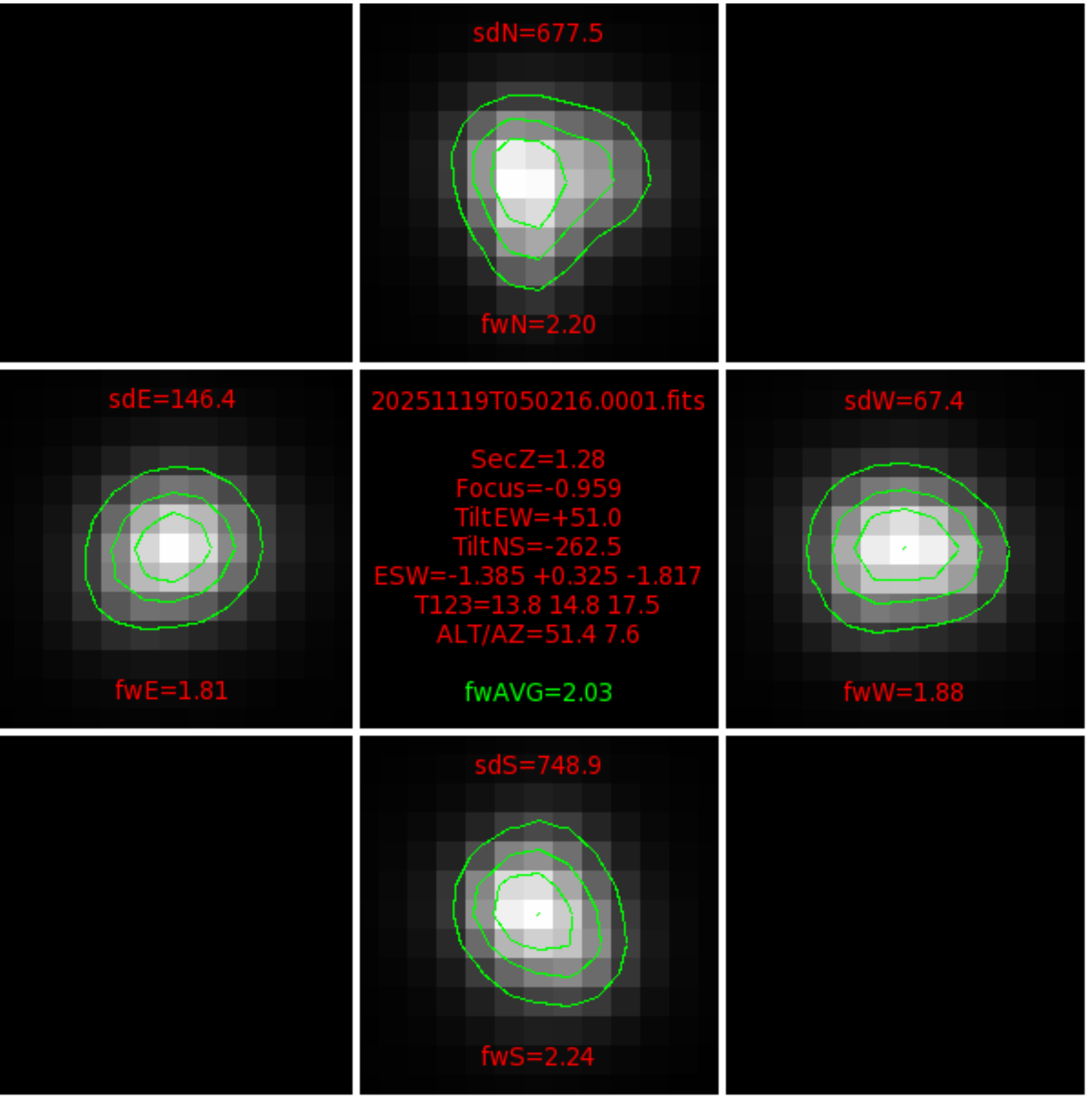
sdN=677.5
fwN=2.20
sdE=146.4
fwE=1.81
20251119T050216.0001.fits
SecZ=1.28
Focus=-0.959
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.385 +0.325 -1.817
T123=13.8 14.8 17.5
ALT/AZ=51.4 7.6
fwAVG=2.03
sdW=67.4
fwW=1.88
sdS=748.9
fwS=2.24
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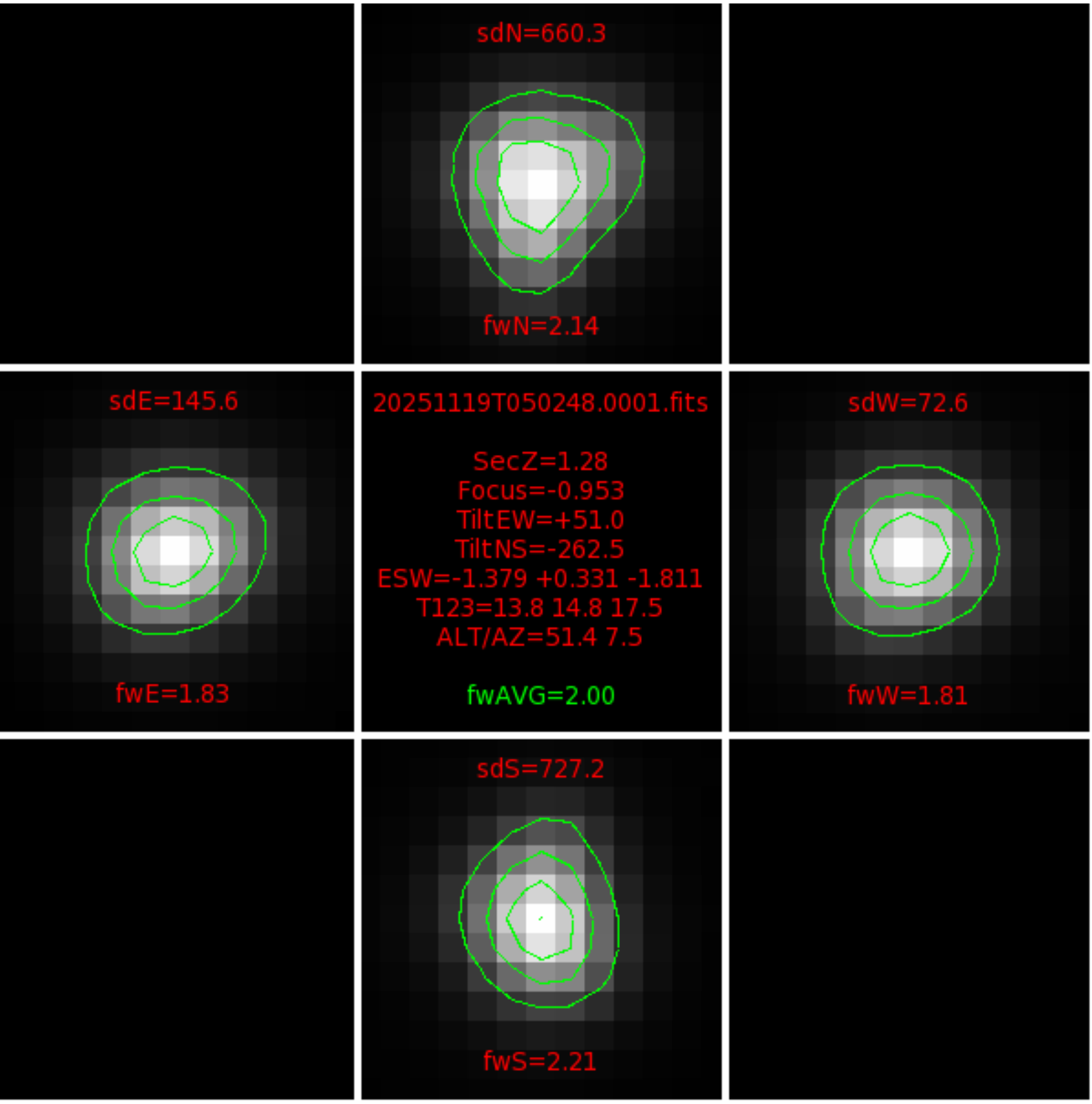
sdN=660.3
fwN=2.14
sdE=145.6
fwE=1.83
20251119T050248.0001.fits
SecZ=1.28
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.8 17.5
ALT/AZ=51.4 7.5
fwAVG=2.00
sdW=72.6
fwW=1.81
sdS=727.2
fwS=2.21
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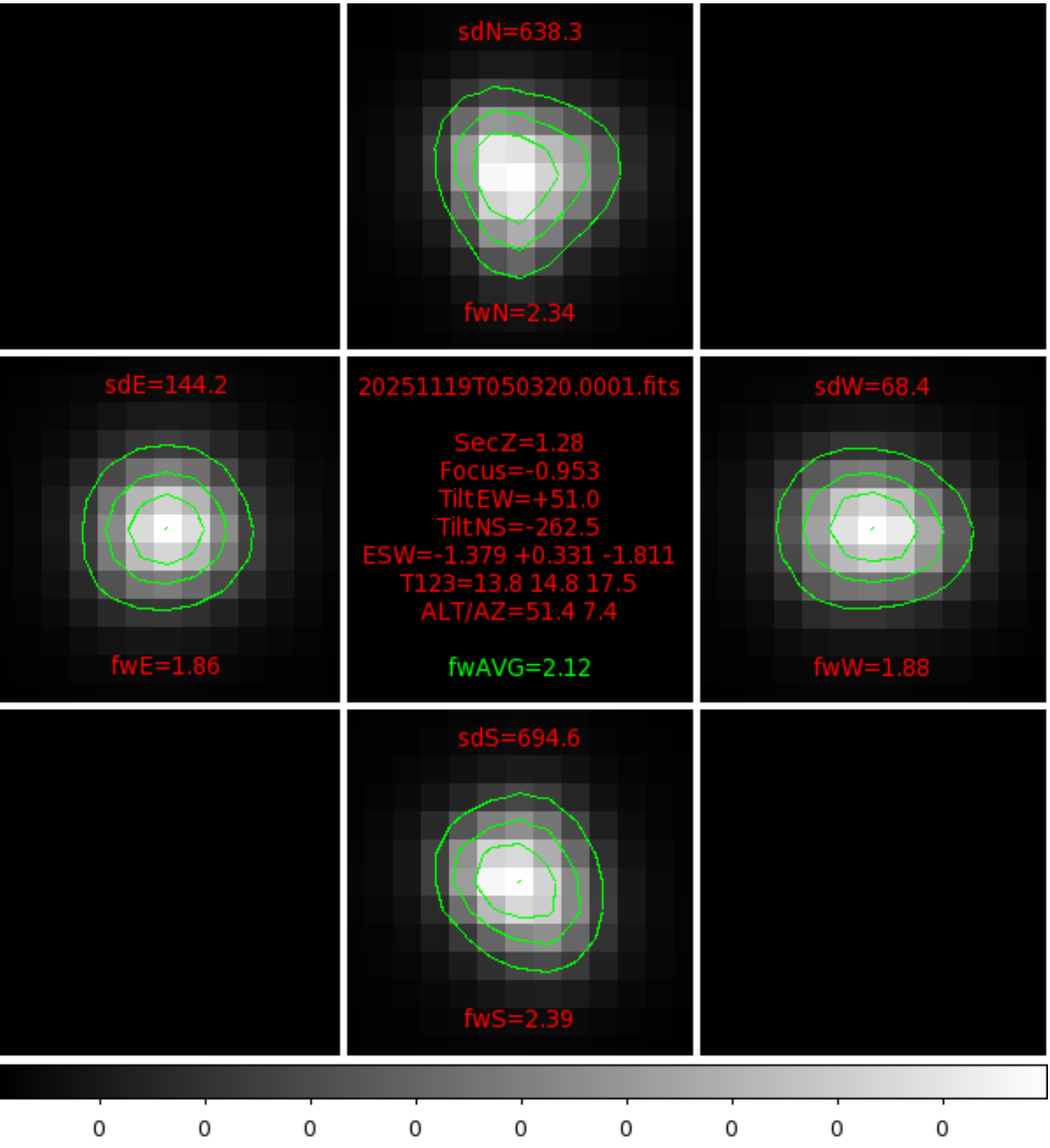
sdN=638.3
fwN=2.34
sdE=144.2
fwE=1.86
20251119T050320.0001.fits
SecZ=1.28
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.8 17.5
ALT/AZ=51.4 7.4
fwAVG=2.12
sdW=68.4
fwW=1.88
sdS=694.6
fwS=2.39
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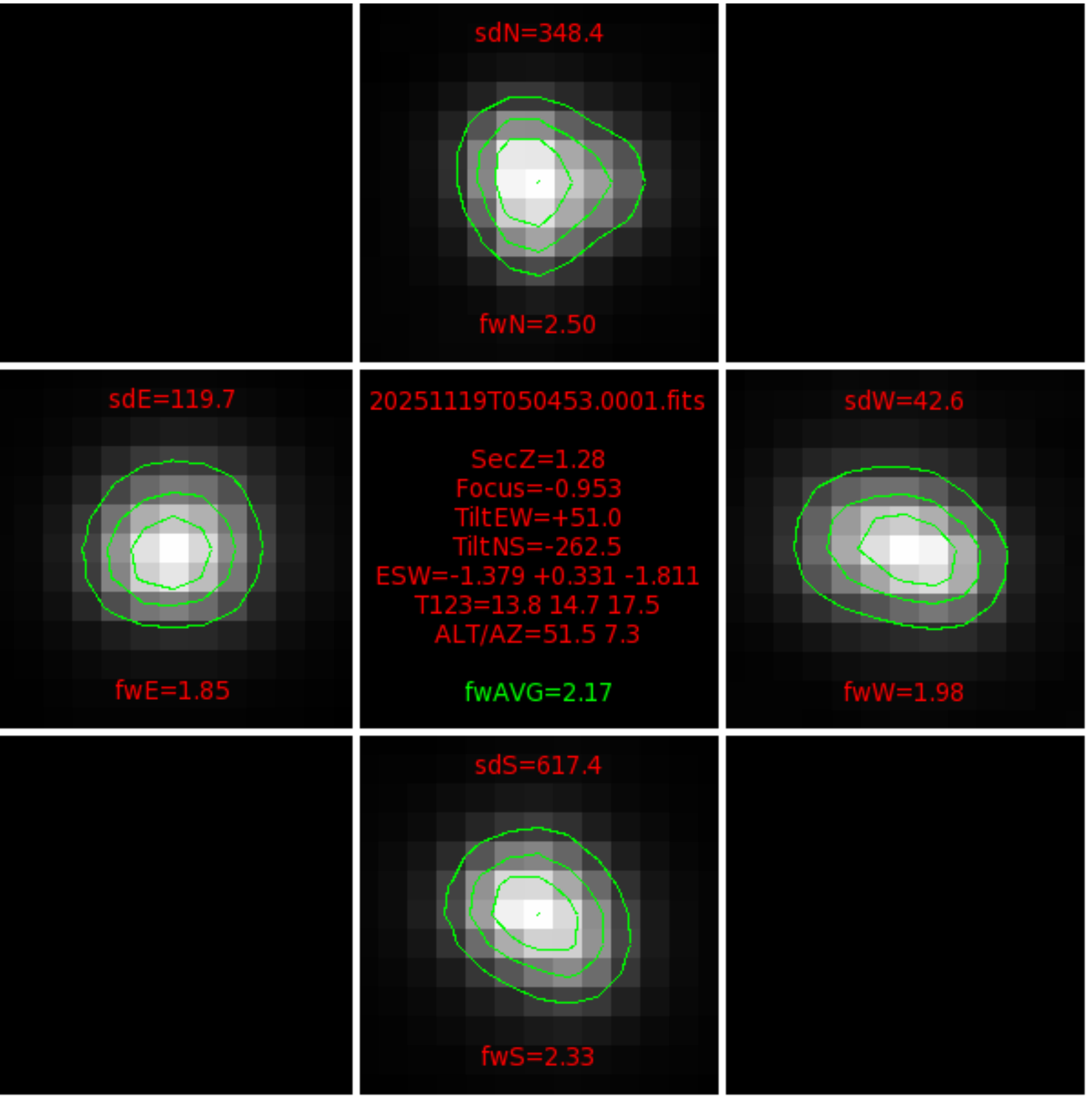
sdN=348.4
fwN=2.50
sdE=119.7
fwE=1.85
20251119T050453.0001.fits
SecZ=1.28
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.7 17.5
ALT/AZ=51.5 7.3
fwAVG=2.17
sdW=42.6
fwW=1.98
sdS=617.4
fwS=2.33
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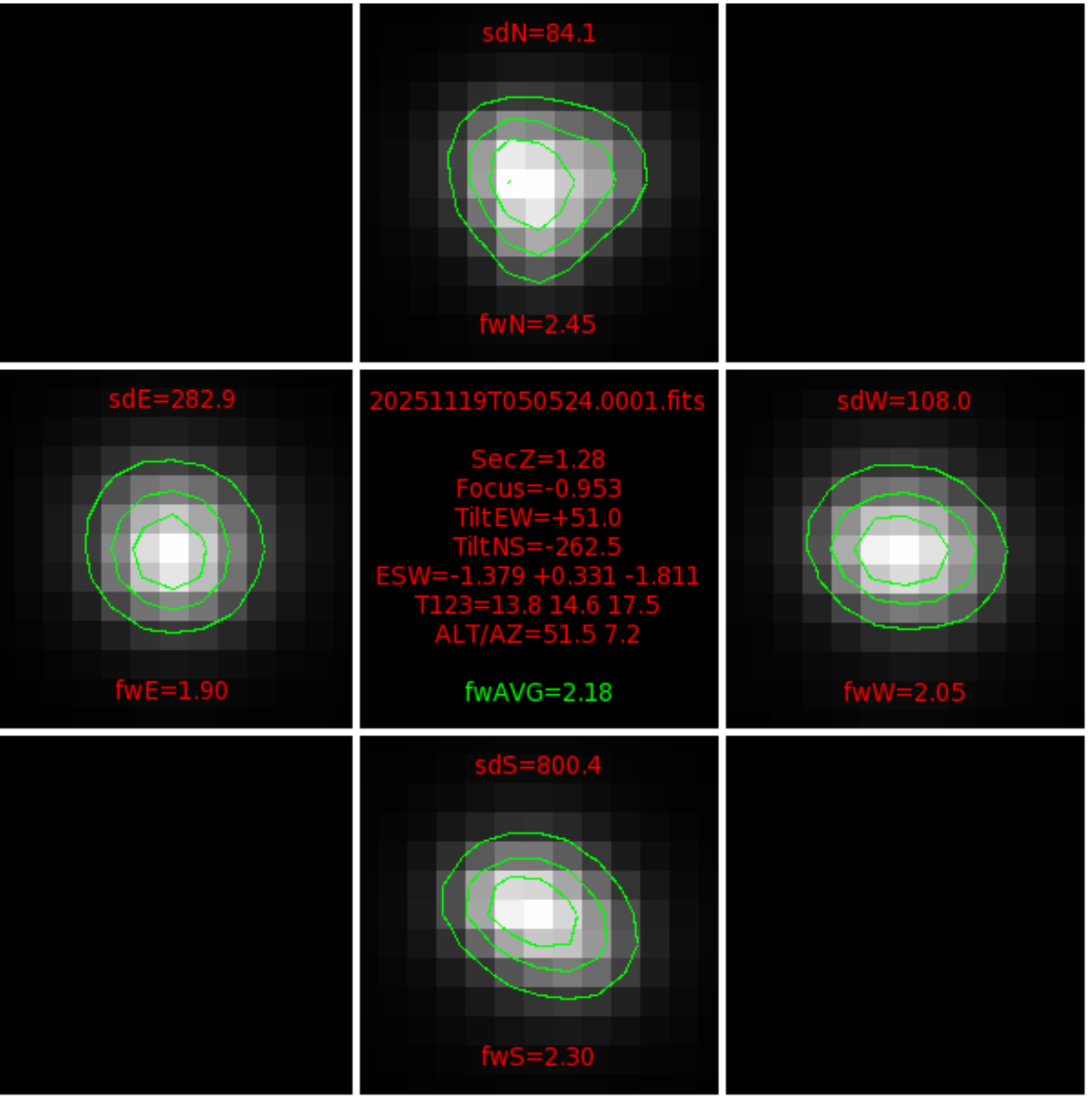
sdN=84.1
fwN=2.45
sdE=282.9
fwE=1.90
20251119T050524.0001.fits
SecZ=1.28
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.6 17.5
ALT/AZ=51.5 7.2
fwAVG=2.18
sdW=108.0
fwW=2.05
sdS=800.4
fwS=2.30
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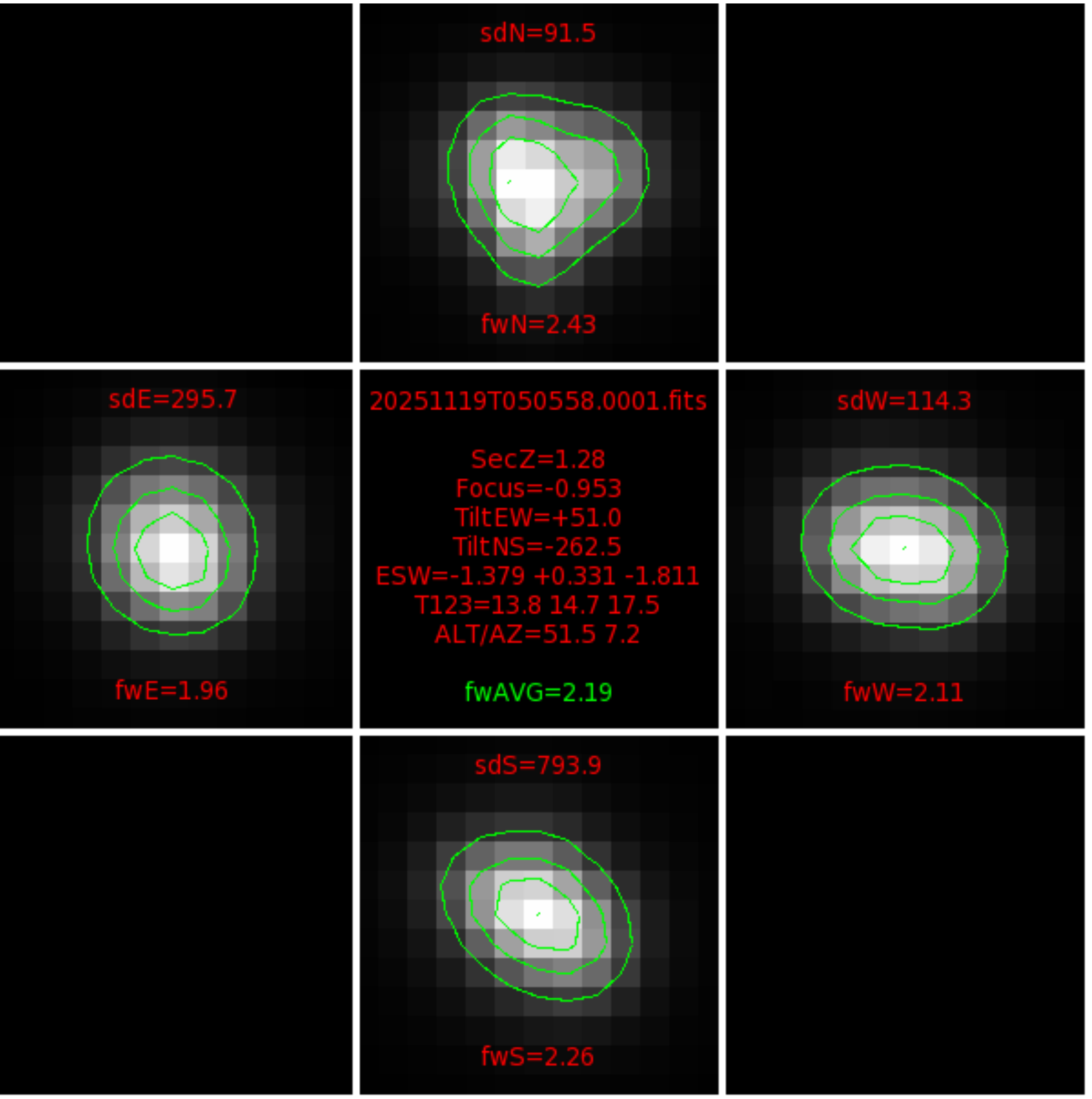
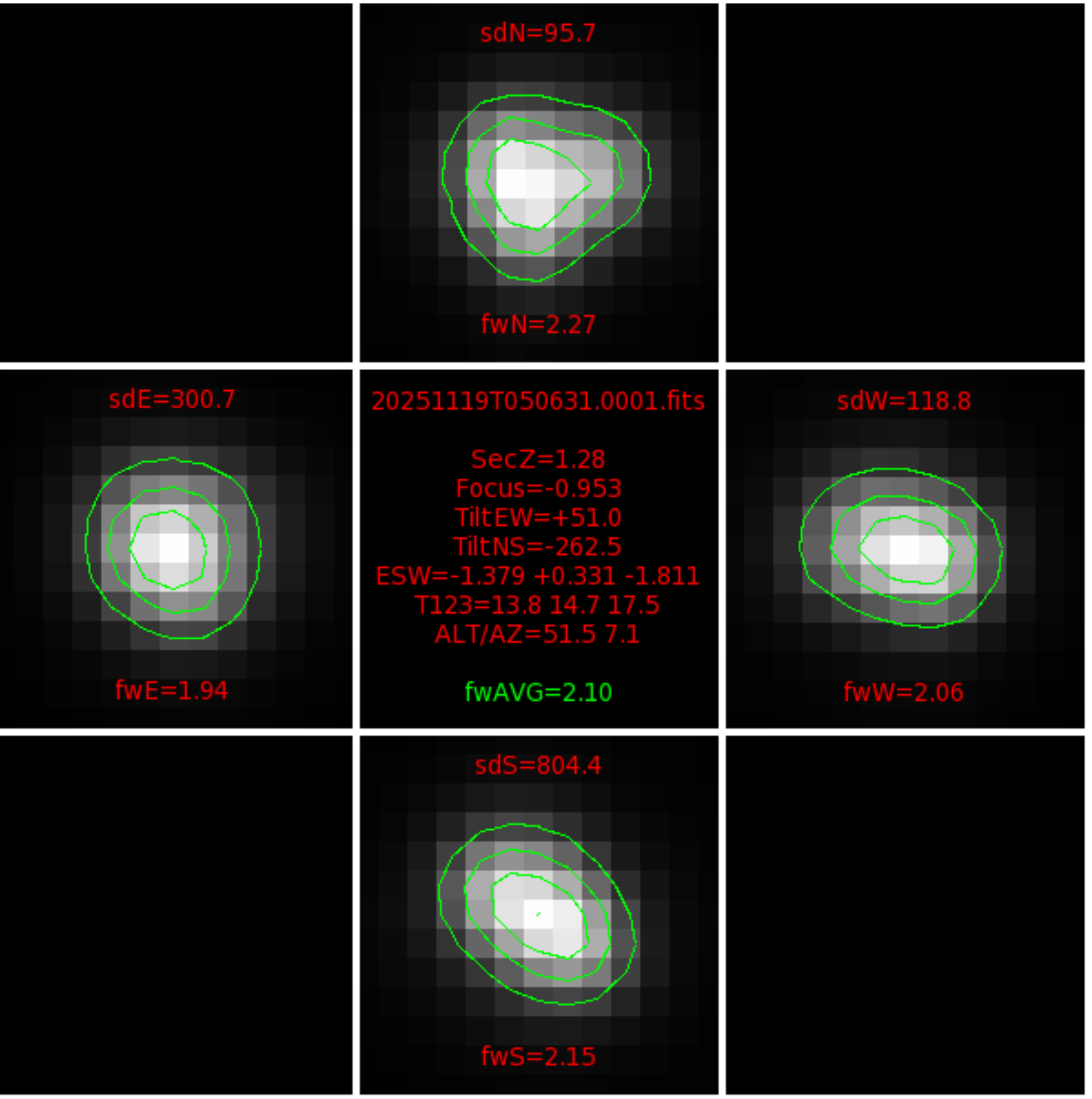

sdN=91.5
fwN=2.43
sdE=295.7
fwE=1.96
20251119T050558.0001.fits
SecZ=1.28
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.7 17.5
ALT/AZ=51.5 7.2
fwAVG=2.19
sdW=114.3
fwW=2.11
sdS=793.9
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=95.7
fwN=2.27
sdE=300.7
fwE=1.94
20251119T050631.0001.fits
SecZ=1.28
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.7 17.5
ALT/AZ=51.5 7.1
fwAVG=2.10
sdW=118.8
fwW=2.06
sdS=804.4
fwS=2.15
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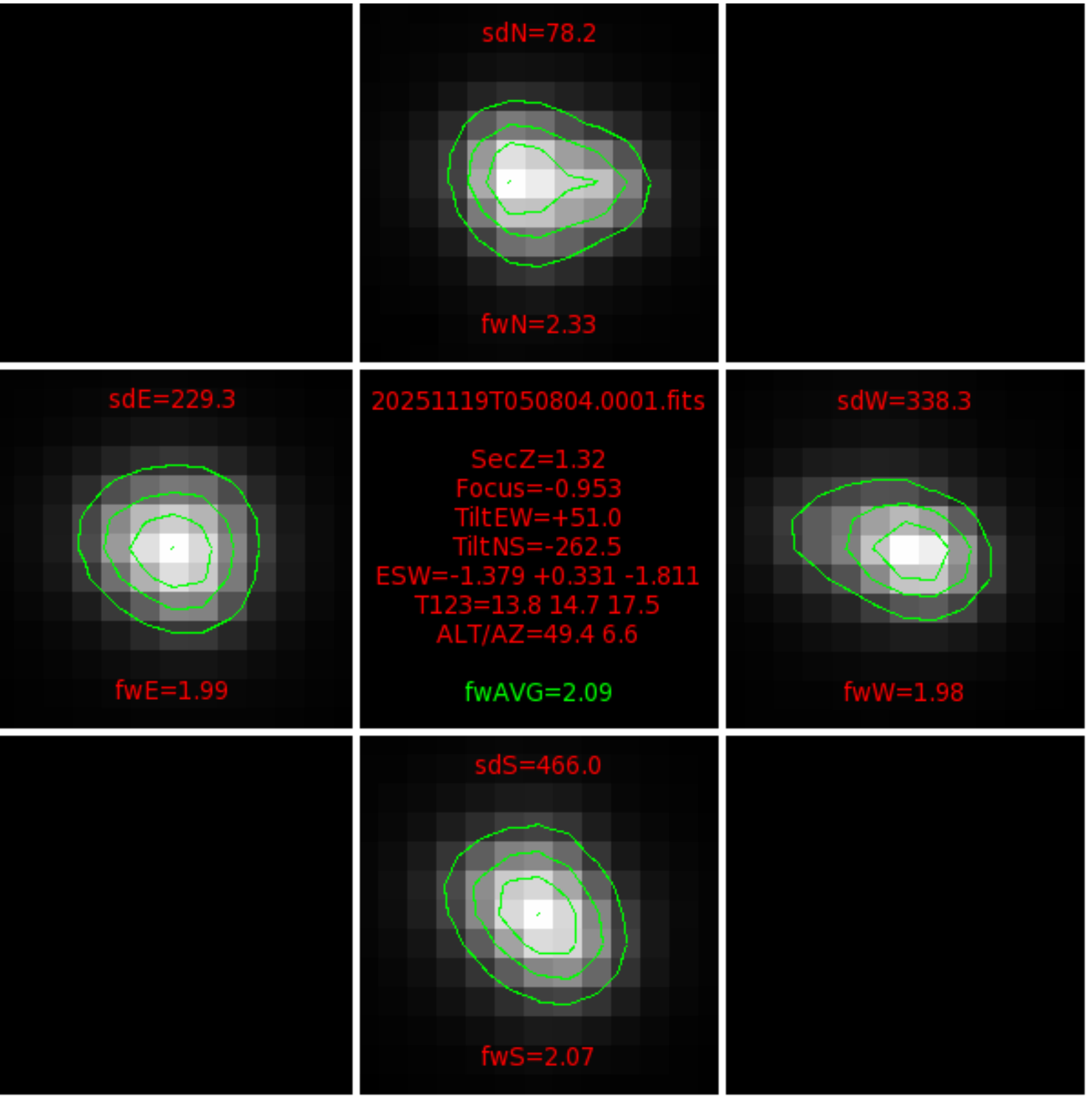
sdN=78.2
fwN=2.33
sdE=229.3
fwE=1.99
20251119T050804.0001.fits
SecZ=1.32
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.7 17.5
ALT/AZ=49.4 6.6
fwAVG=2.09
sdW=338.3
fwW=1.98
sdS=466.0
fwS=2.07
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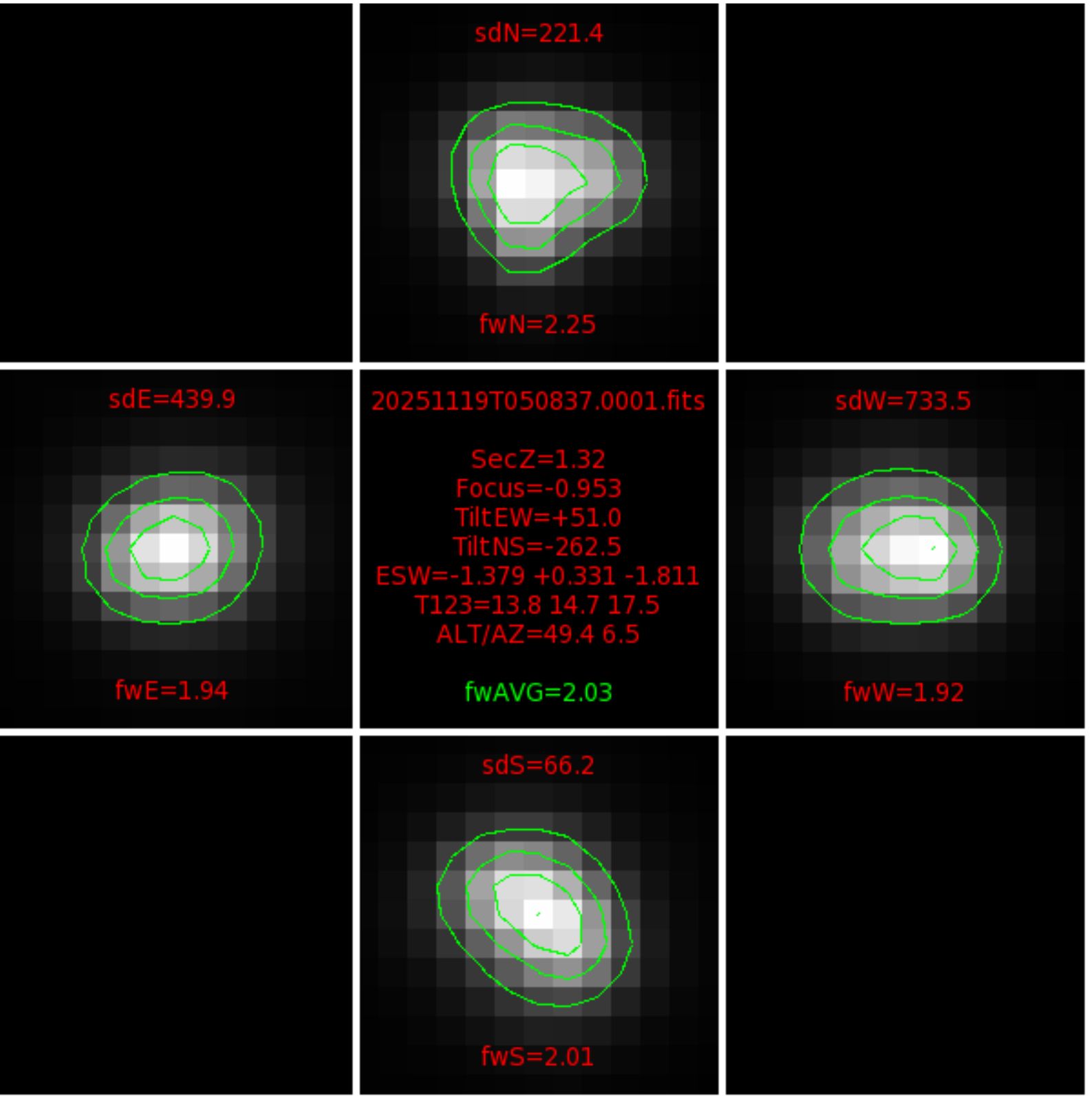
sdN=221.4
fwN=2.25
sdE=439.9
fwE=1.94
20251119T050837.0001.fits
SecZ=1.32
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.7 17.5
ALT/AZ=49.4 6.5
fwAVG=2.03
sdW=733.5
fwW=1.92
sdS=66.2
fwS=2.01
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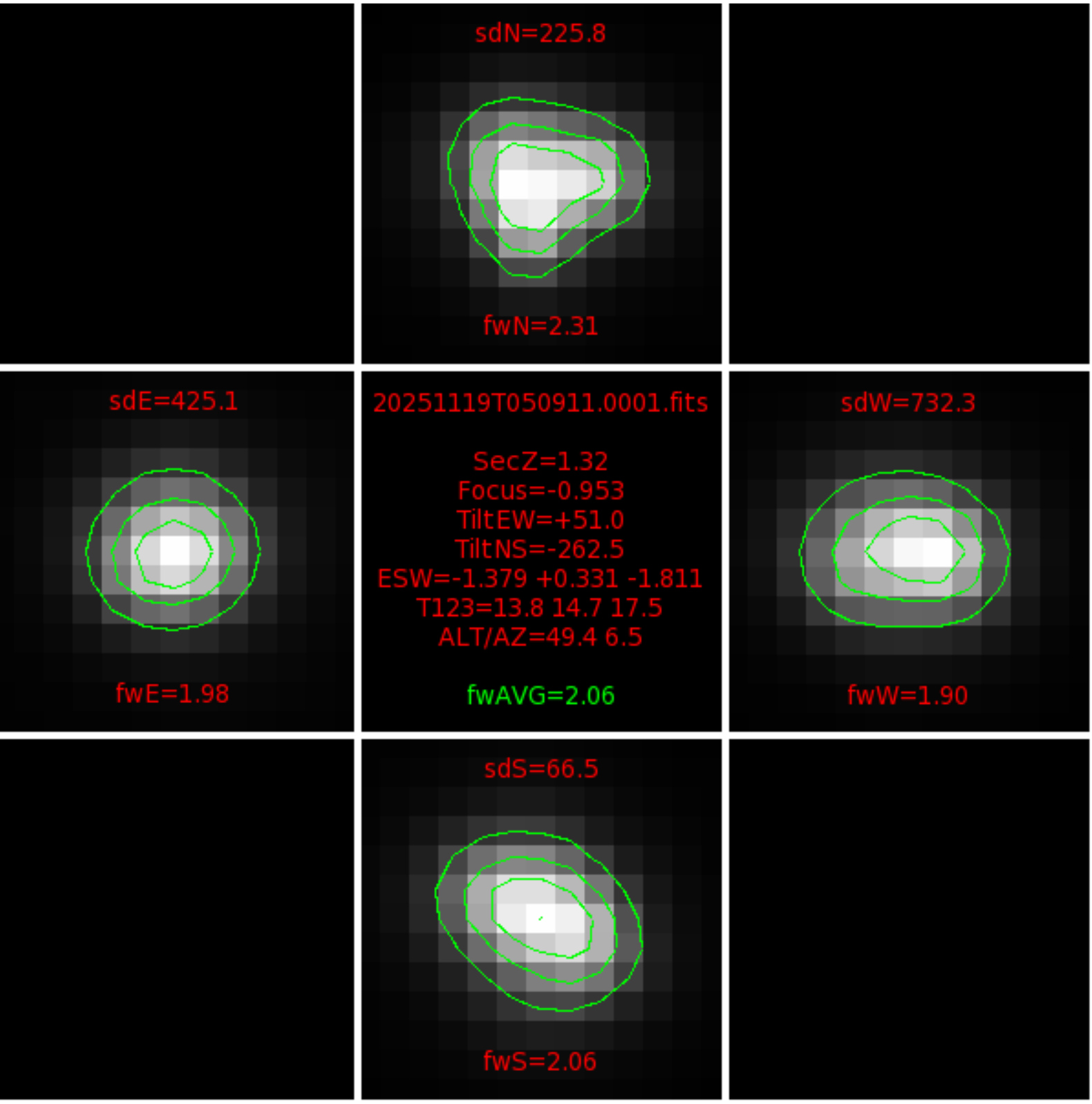
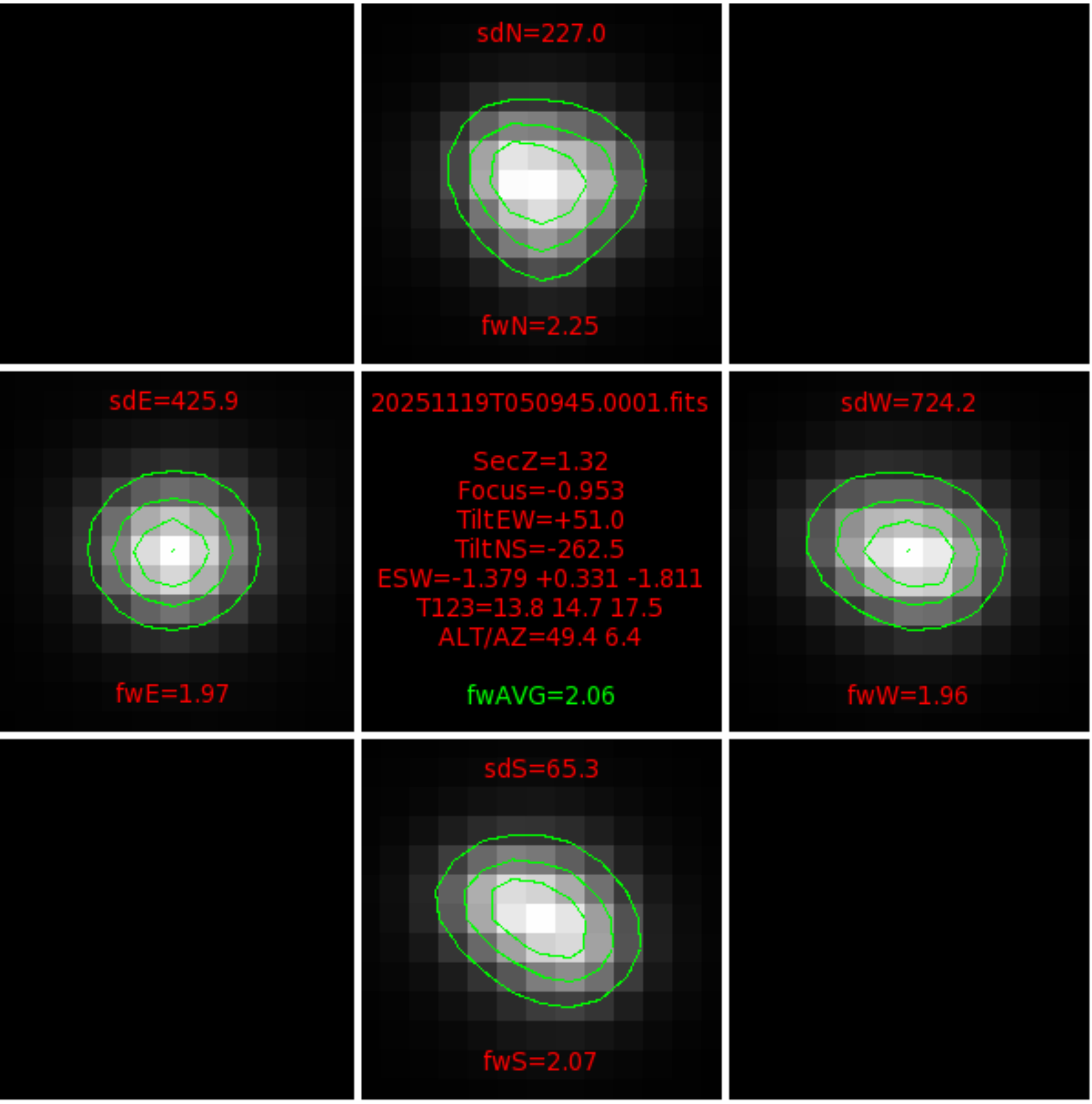

sdN=225.8
fwN=2.31
sdE=425.1
fwE=1.98
20251119T050911.0001.fits
SecZ=1.32
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.7 17.5
ALT/AZ=49.4 6.5
fwAVG=2.06
sdW=732.3
fwW=1.90
sdS=66.5
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=227.0
fwN=2.25
sdE=425.9
fwE=1.97
20251119T050945.0001.fits
SecZ=1.32
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.7 17.5
ALT/AZ=49.4 6.4
fwAVG=2.06
sdW=724.2
fwW=1.96
sdS=65.3
fwS=2.07
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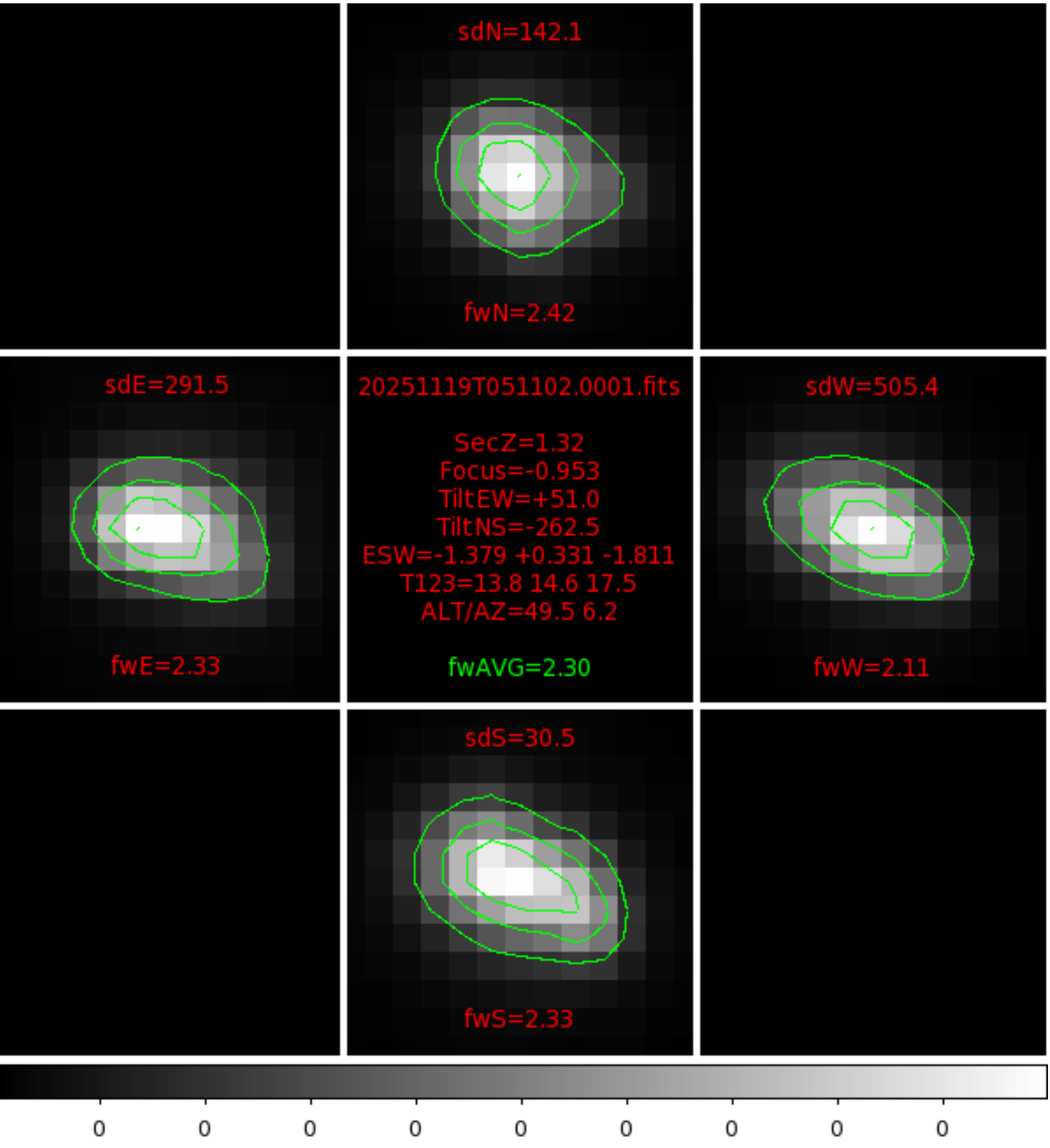
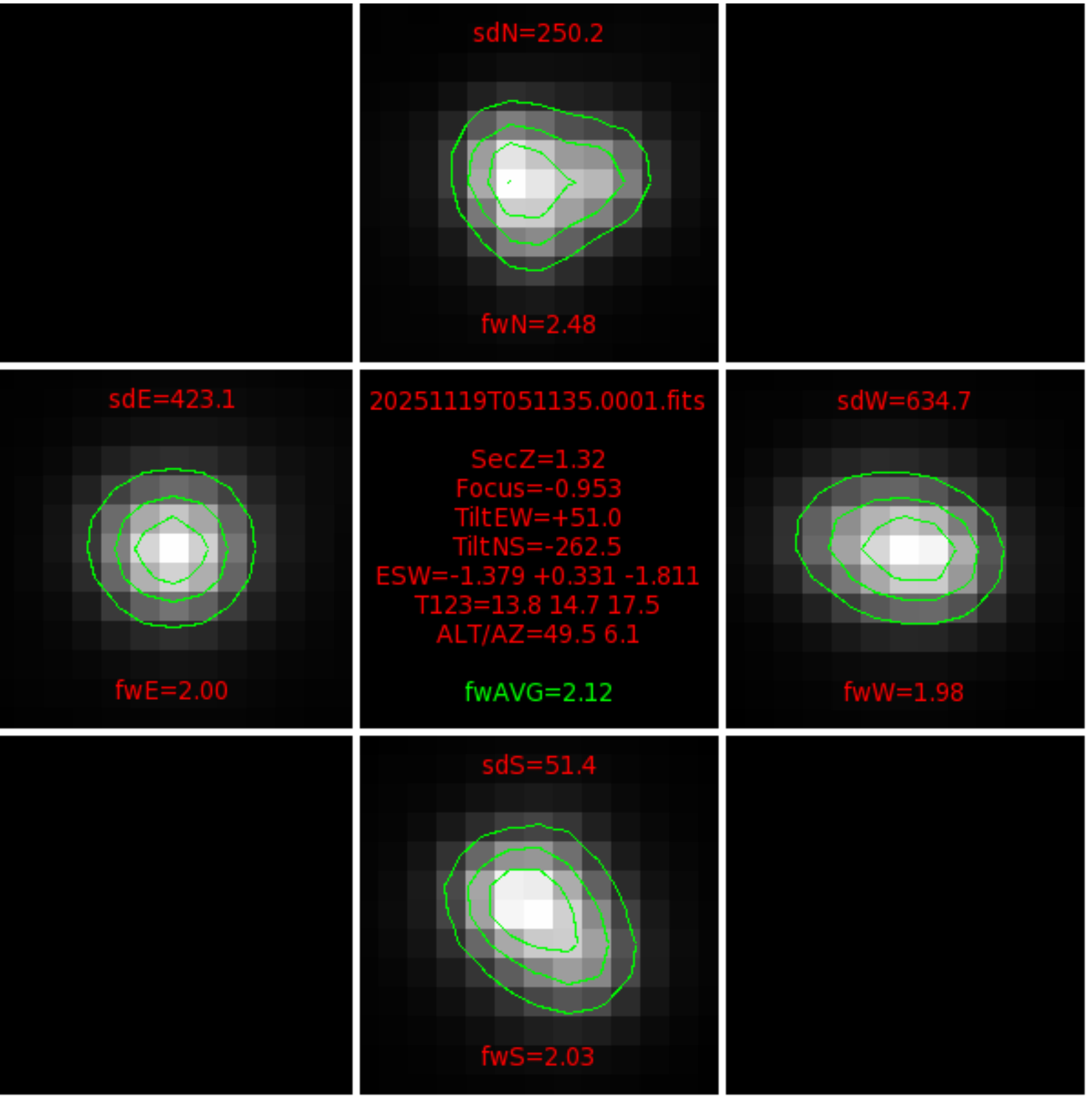
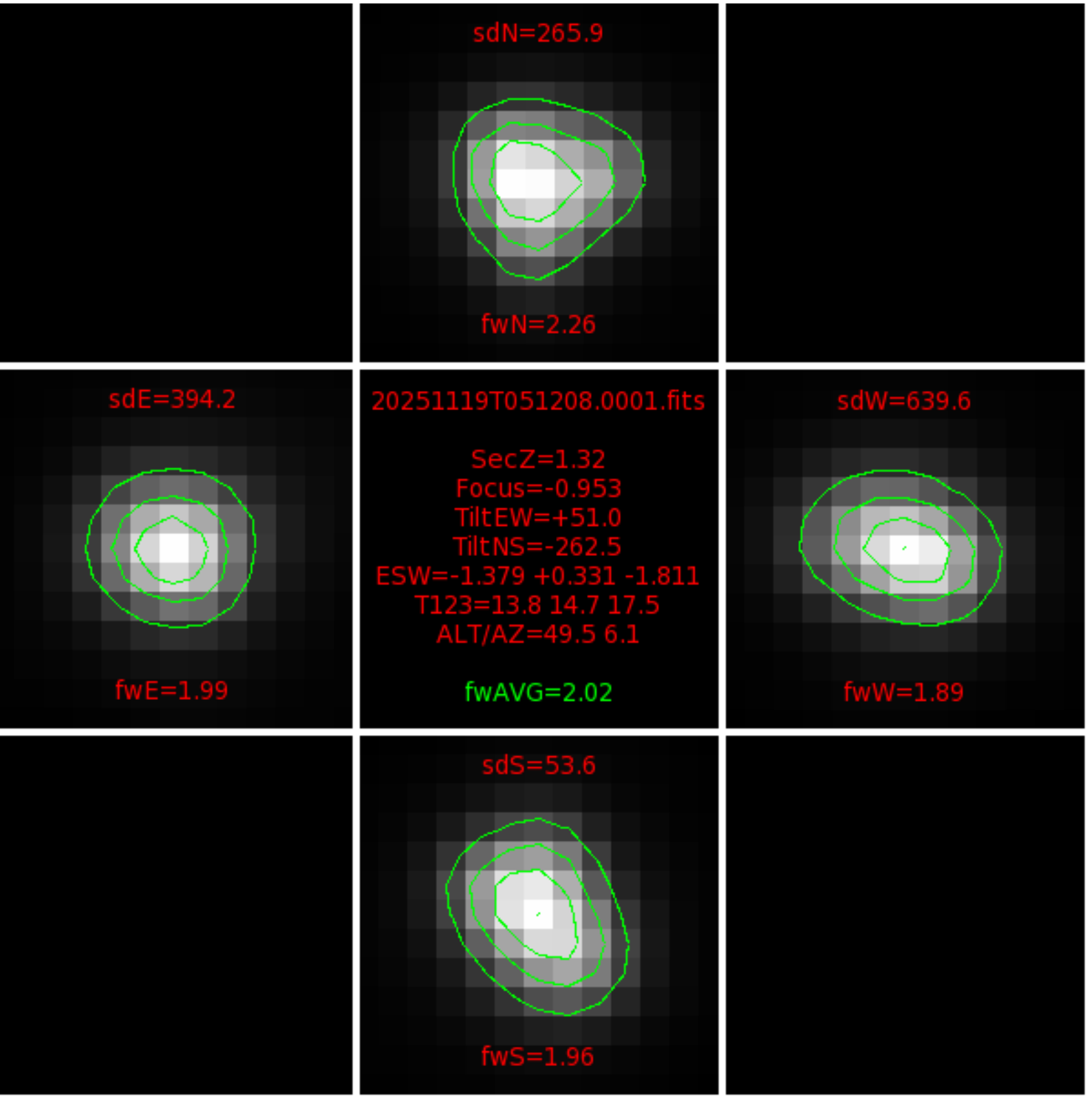

sdN=142.1
fwN=2.42
sdE=291.5
fwE=2.33
20251119T051102.0001.fits
SecZ=1.32
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.6 17.5
ALT/AZ=49.5 6.2
fwAVG=2.30
sdW=505.4
fwW=2.11
sdS=30.5
fwS=2.33
0 0 0 0 0 0 0 0 0


sdN=250.2
fwN=2.48
sdE=423.1
fwE=2.00
20251119T051135.0001.fits
SecZ=1.32
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.7 17.5
ALT/AZ=49.5 6.1
fwAVG=2.12
sdW=634.7
fwW=1.98
sdS=51.4
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=265.9
fwN=2.26
sdE=394.2
fwE=1.99
20251119T051208.0001.fits
SecZ=1.32
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.7 17.5
ALT/AZ=49.5 6.1
fwAVG=2.02
sdW=639.6
fwW=1.89
sdS=53.6
fwS=1.96
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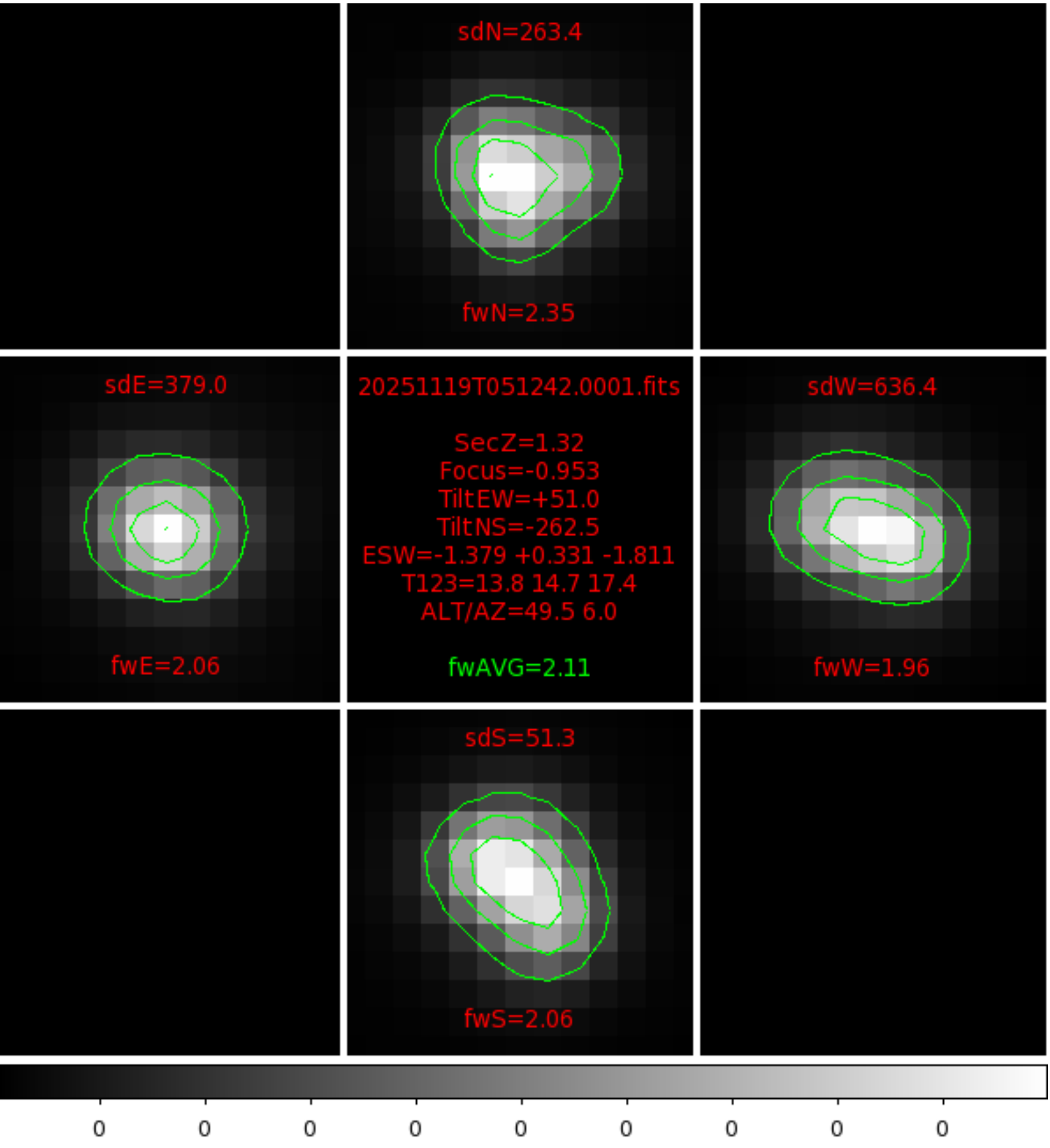
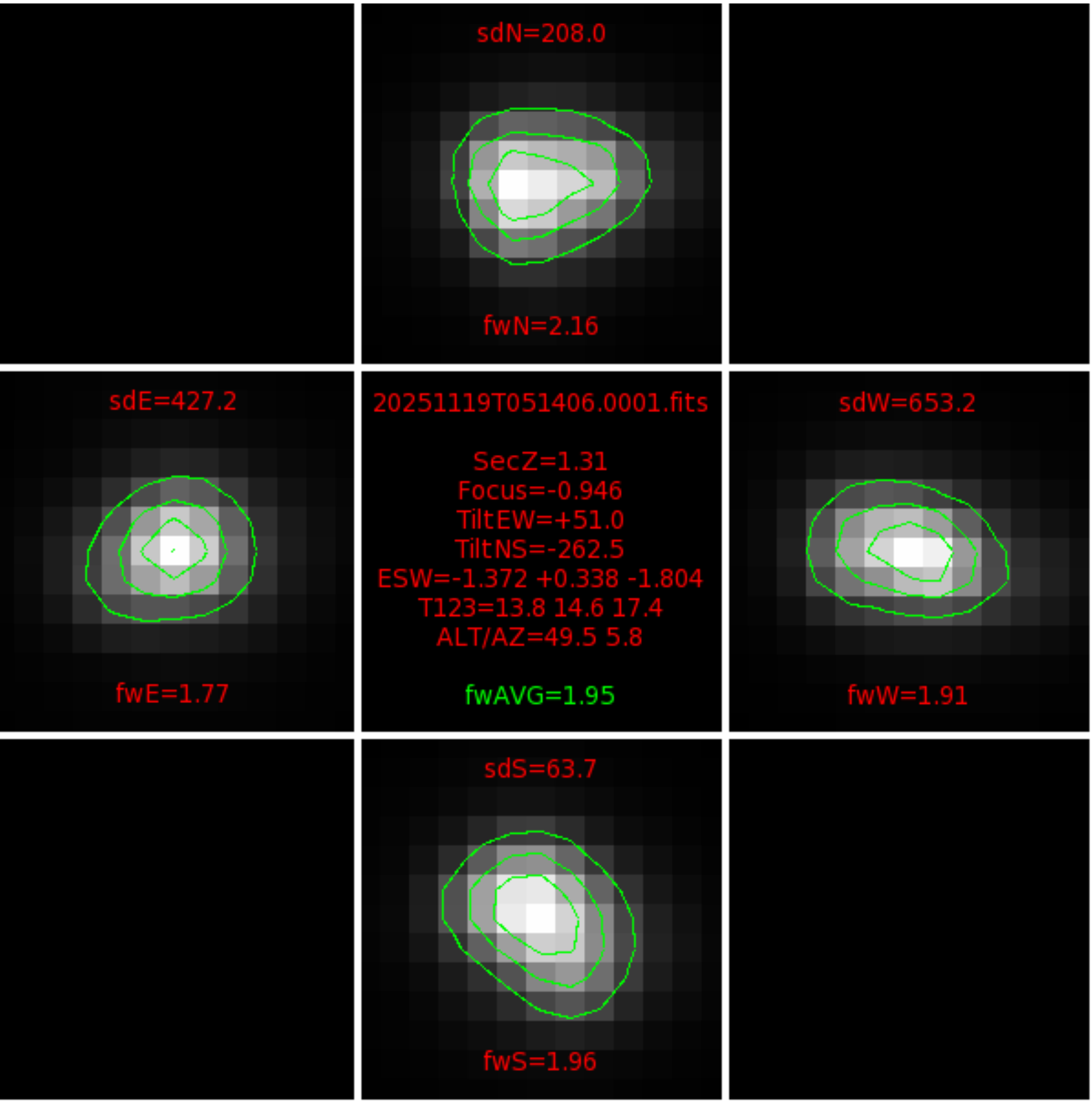
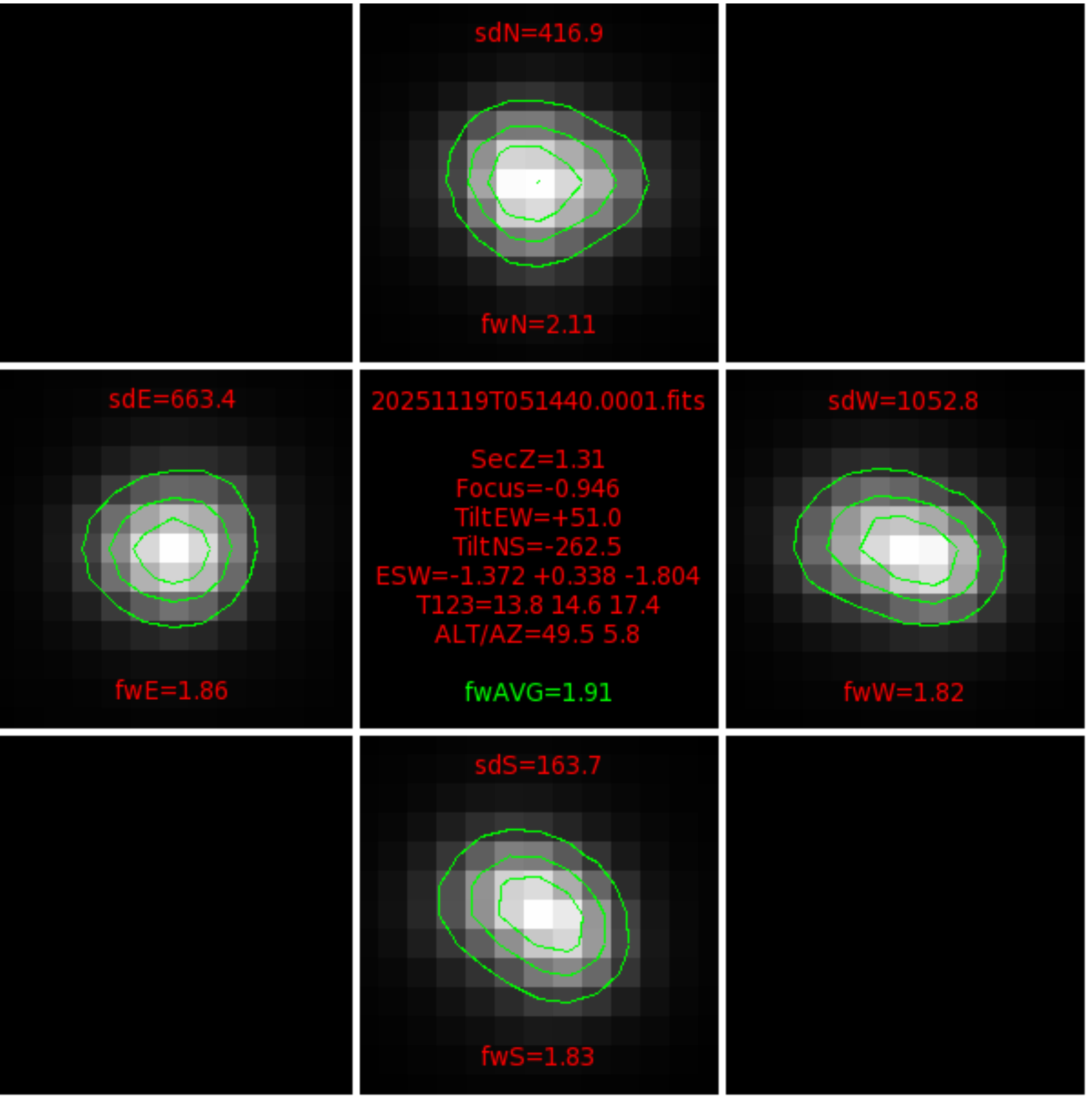

sdN=263.4
fwN=2.35
sdE=379.0
fwE=2.06
20251119T051242.0001.fits
SecZ=1.32
Focus=-0.953
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.379 +0.331 -1.811
T123=13.8 14.7 17.4
ALT/AZ=49.5 6.0
fwAVG=2.11
sdW=636.4
fwW=1.96
sdS=51.3
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=208.0
fwN=2.16
sdE=427.2
fwE=1.77
20251119T051406.0001.fits
SecZ=1.31
Focus=-0.946
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.372 +0.338 -1.804
T123=13.8 14.6 17.4
ALT/AZ=49.5 5.8
fwAVG=1.95
sdW=653.2
fwW=1.91
sdS=63.7
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=416.9
fwN=2.11
sdE=663.4
fwE=1.86
20251119T051440.0001.fits
SecZ=1.31
Focus=-0.946
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.372 +0.338 -1.804
T123=13.8 14.6 17.4
ALT/AZ=49.5 5.8
fwAVG=1.91
sdW=1052.8
fwW=1.82
sdS=163.7
fwS=1.83
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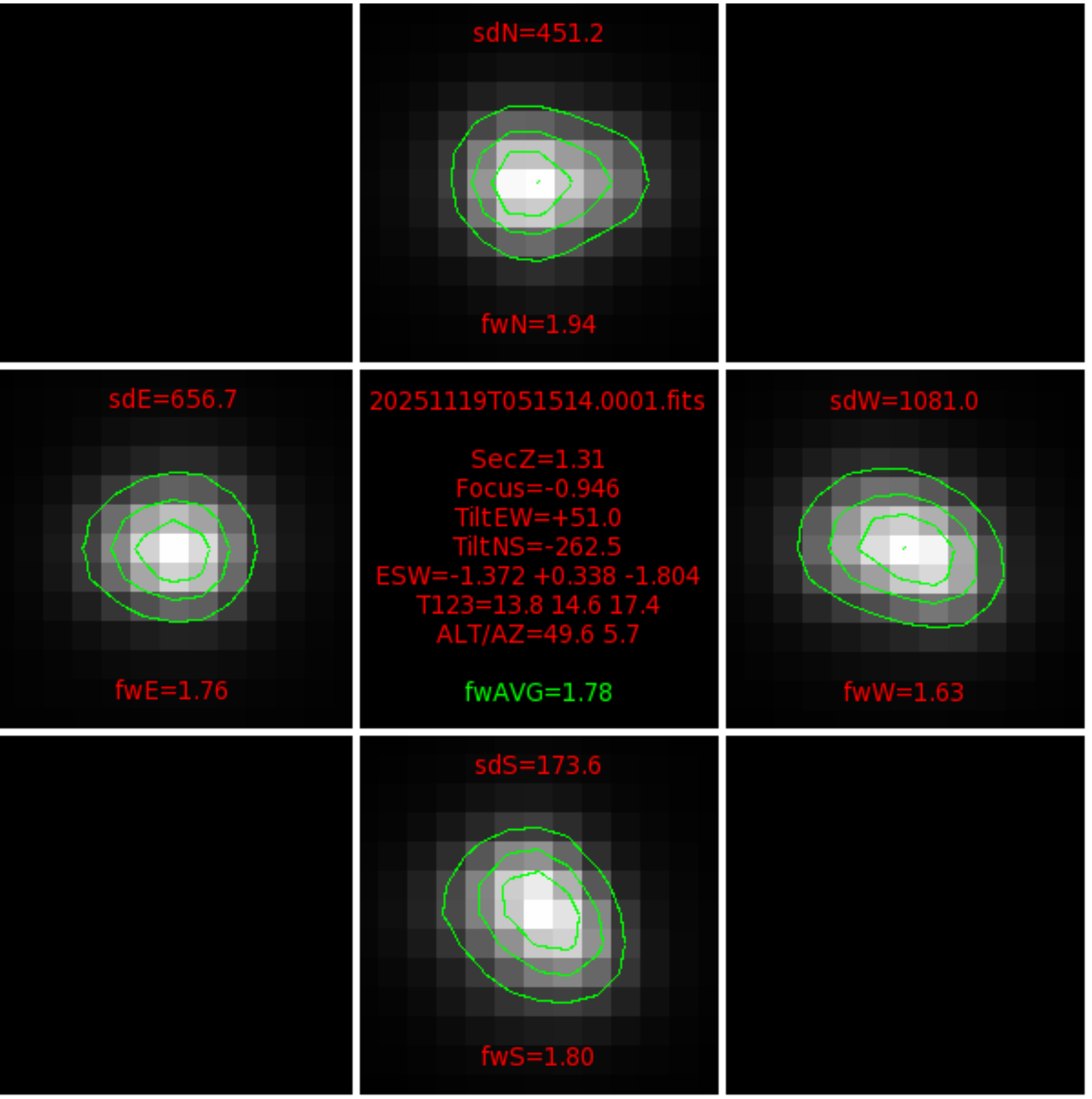
sdN=451.2
fwN=1.94
sdE=656.7
fwE=1.76
20251119T051514.0001.fits
SecZ=1.31
Focus=-0.946
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.372 +0.338 -1.804
T123=13.8 14.6 17.4
ALT/AZ=49.6 5.7
fwAVG=1.78
sdW=1081.0
fwW=1.63
sdS=173.6
fwS=1.80
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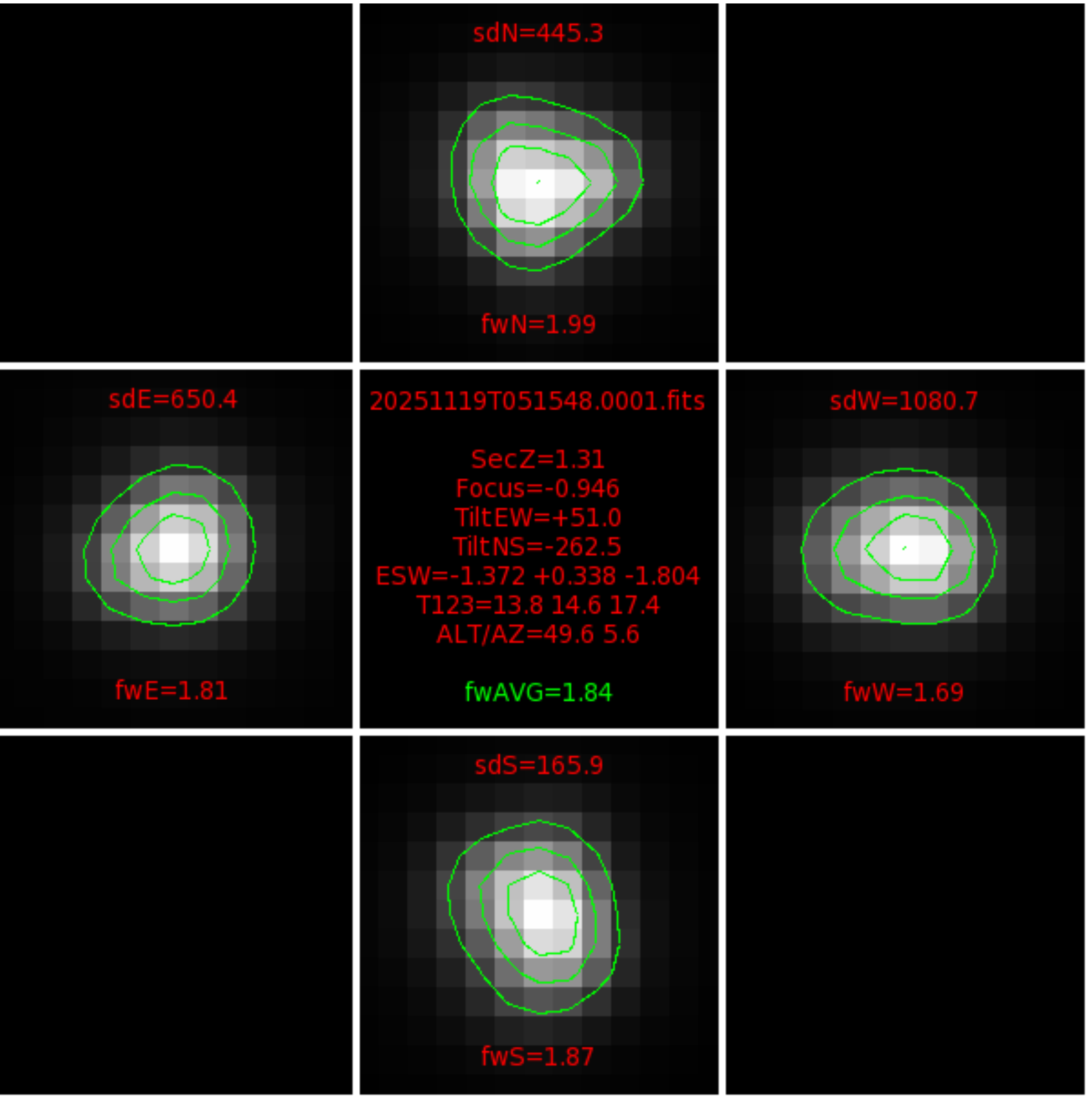
sdN=445.3
fwN=1.99
sdE=650.4
fwE=1.81
20251119T051548.0001.fits
SecZ=1.31
Focus=-0.946
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.372 +0.338 -1.804
T123=13.8 14.6 17.4
ALT/AZ=49.6 5.6
fwAVG=1.84
sdW=1080.7
fwW=1.69
sdS=165.9
fwS=1.87
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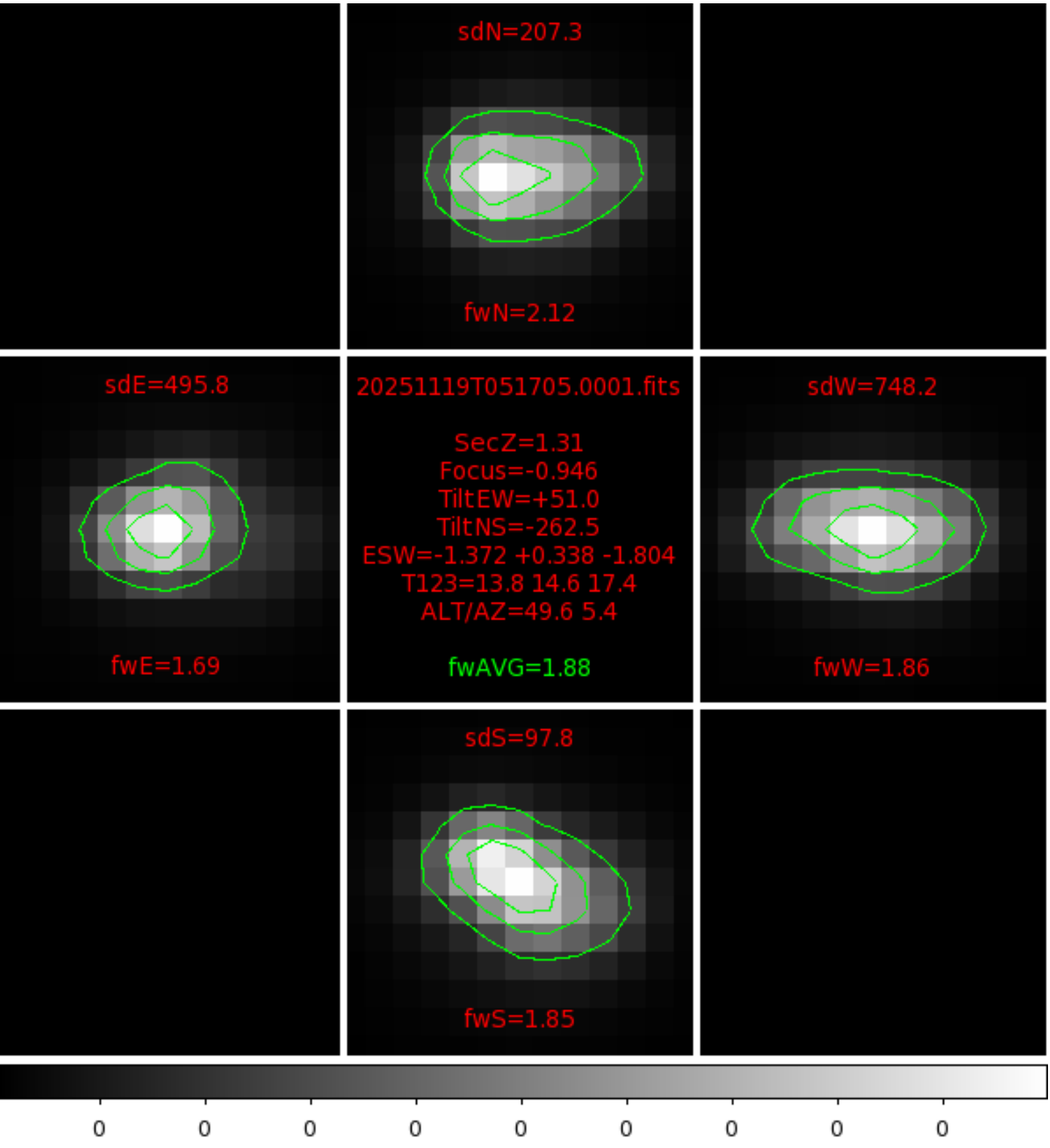
sdN=207.3
fwN=2.12
sdE=495.8
fwE=1.69
20251119T051705.0001.fits
SecZ=1.31
Focus=-0.946
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.372 +0.338 -1.804
T123=13.8 14.6 17.4
ALT/AZ=49.6 5.4
fwAVG=1.88
sdW=748.2
fwW=1.86
sdS=97.8
fwS=1.85
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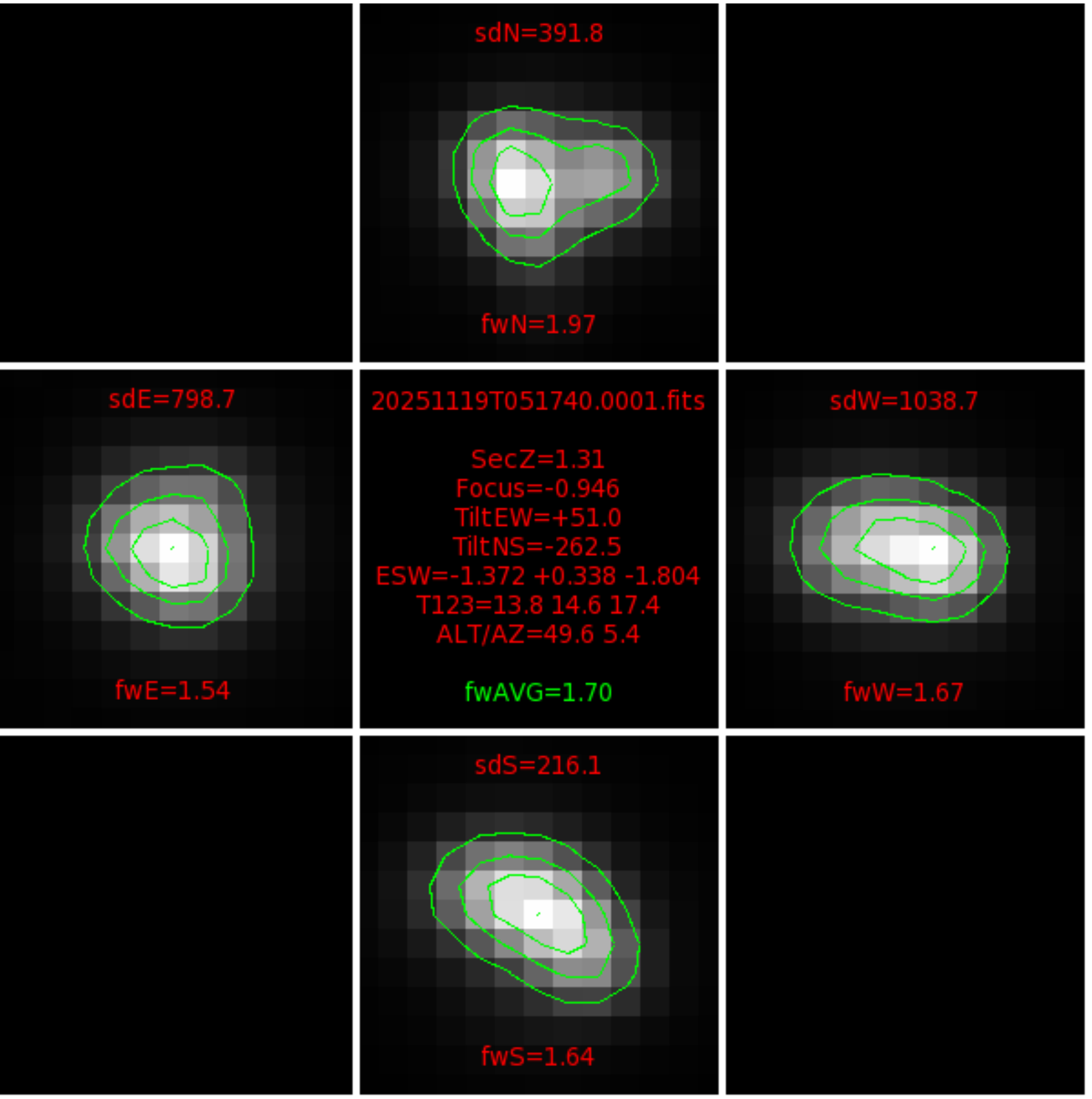
sdN=391.8
fwN=1.97
sdE=798.7
fwE=1.54
20251119T051740.0001.fits
SecZ=1.31
Focus=-0.946
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.372 +0.338 -1.804
T123=13.8 14.6 17.4
ALT/AZ=49.6 5.4
fwAVG=1.70
sdW=1038.7
fwW=1.67
sdS=216.1
fwS=1.64
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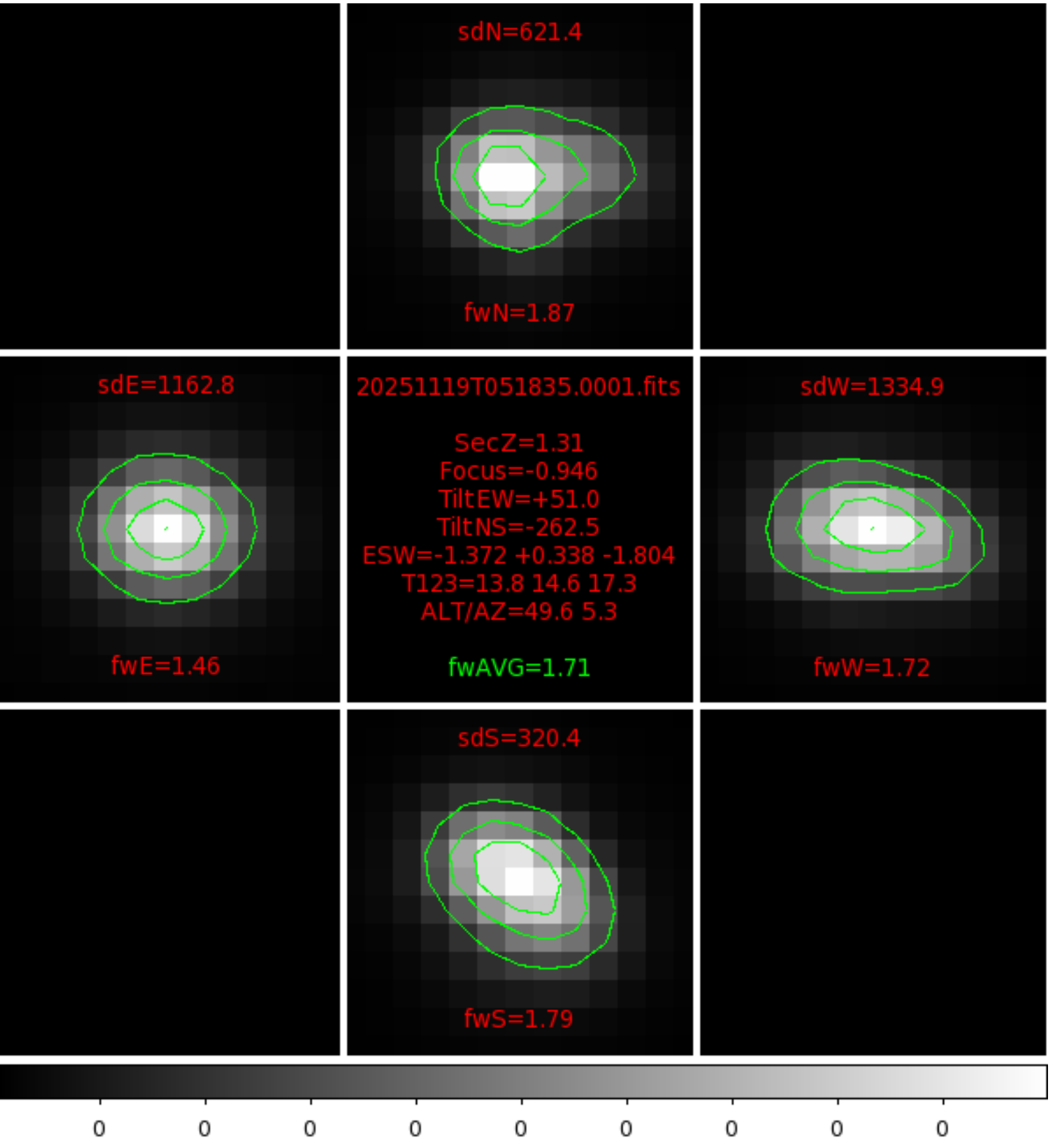
sdN=621.4
fwN=1.87
sdE=1162.8
fwE=1.46
20251119T051835.0001.fits
SecZ=1.31
Focus=-0.946
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.372 +0.338 -1.804
T123=13.8 14.6 17.3
ALT/AZ=49.6 5.3
fwAVG=1.71
sdW=1334.9
fwW=1.72
sdS=320.4
fwS=1.79
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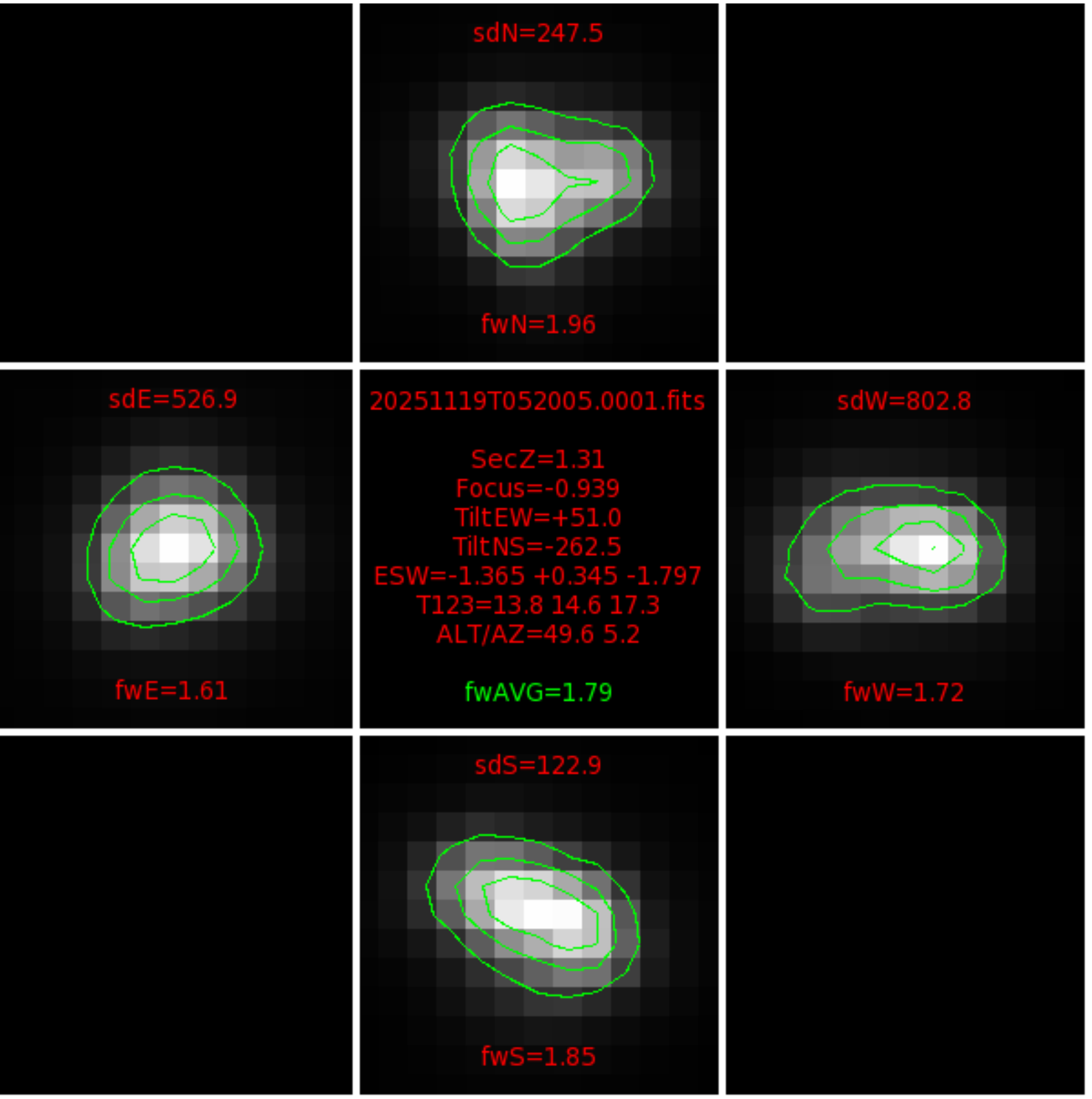
sdN=247.5
fwN=1.96
sdE=526.9
fwE=1.61
20251119T052005.0001.fits
SecZ=1.31
Focus=-0.939
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.365 +0.345 -1.797
T123=13.8 14.6 17.3
ALT/AZ=49.6 5.2
fwAVG=1.79
sdW=802.8
fwW=1.72
sdS=122.9
fwS=1.85
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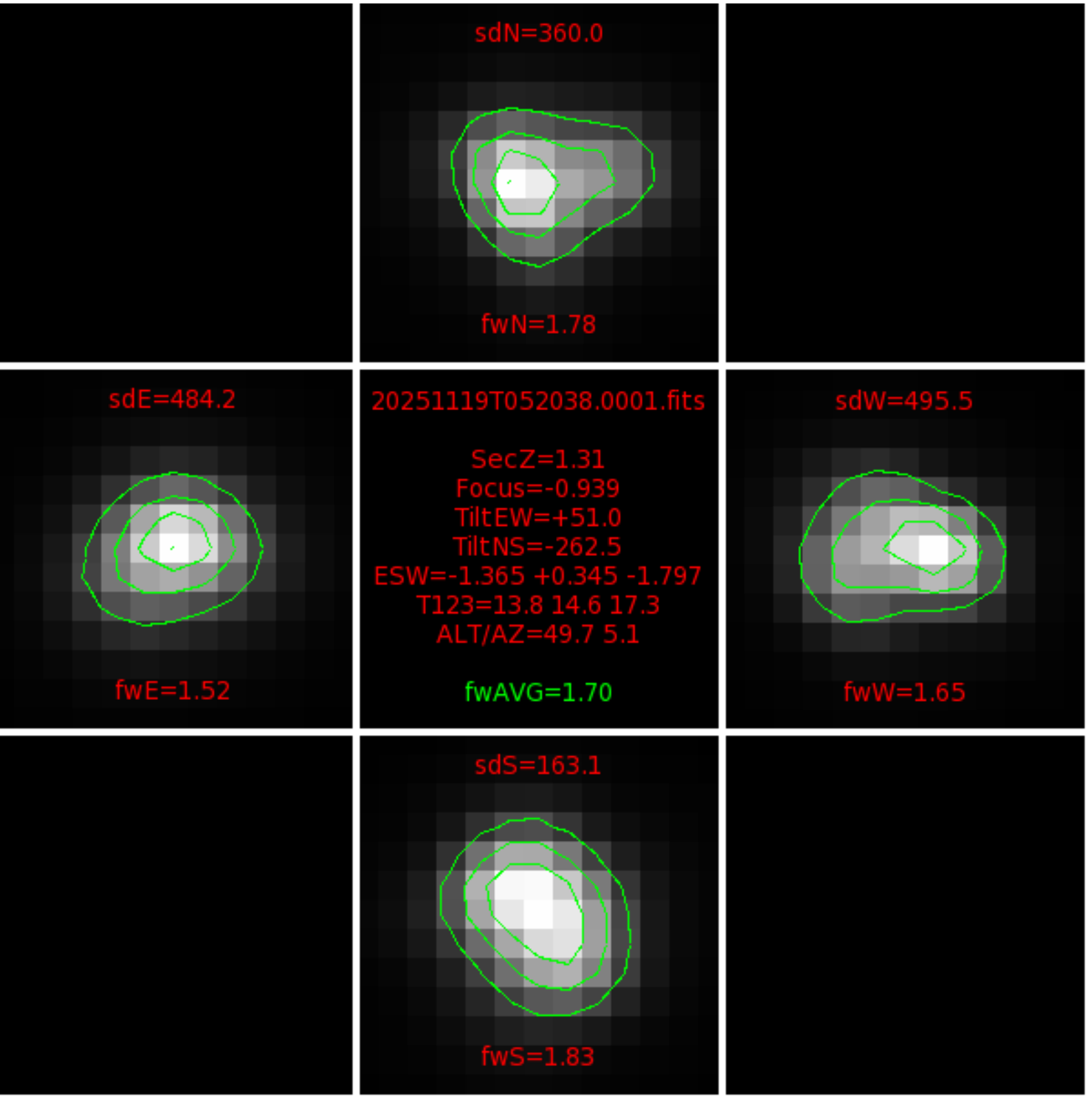
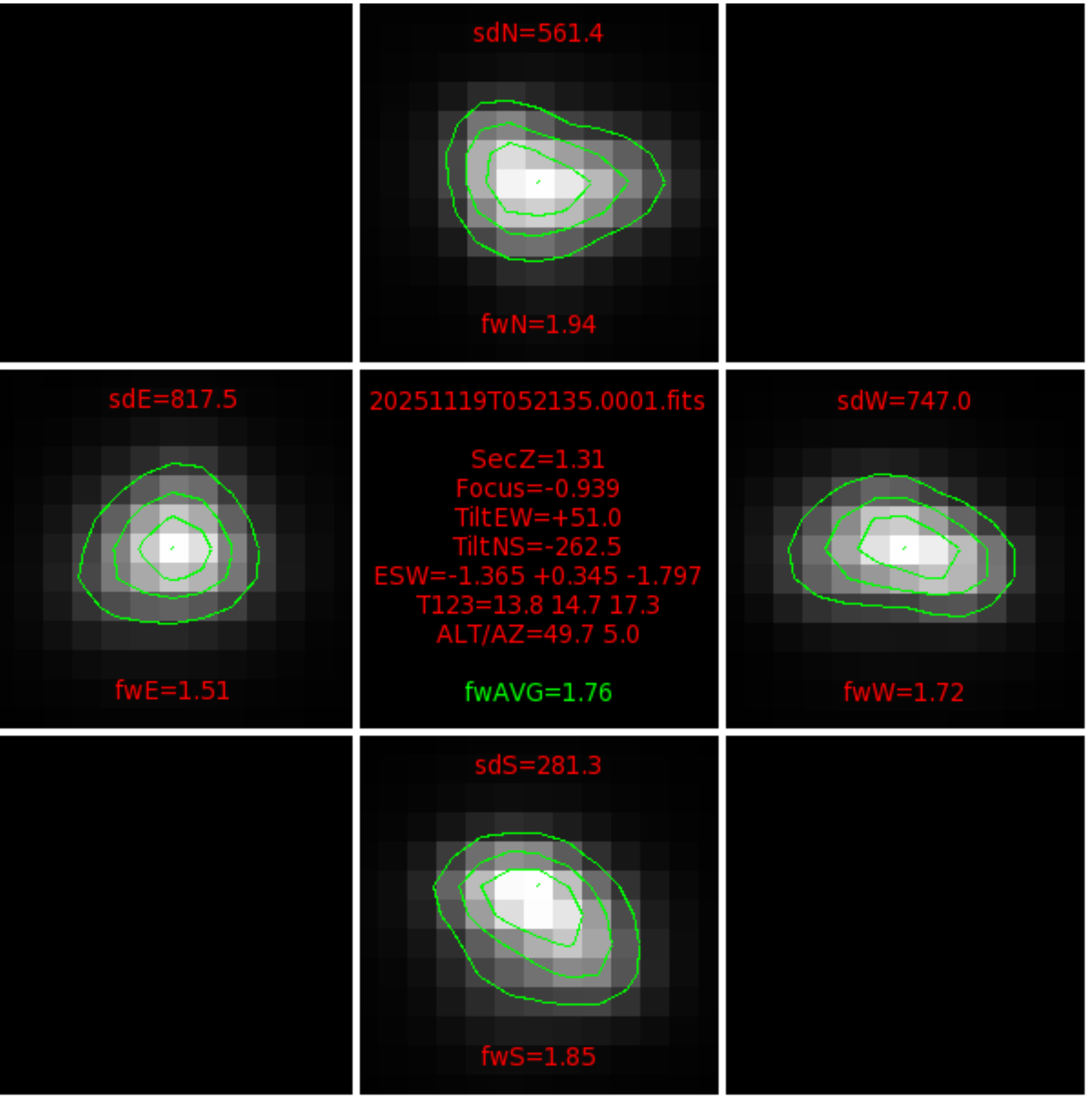

sdN=360.0
fwN=1.78
sdE=484.2
fwE=1.52
20251119T052038.0001.fits
SecZ=1.31
Focus=-0.939
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.365 +0.345 -1.797
T123=13.8 14.6 17.3
ALT/AZ=49.7 5.1
fwAVG=1.70
sdW=495.5
fwW=1.65
sdS=163.1
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=561.4
fwN=1.94
sdE=817.5
fwE=1.51
20251119T052135.0001.fits
SecZ=1.31
Focus=-0.939
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.365 +0.345 -1.797
T123=13.8 14.7 17.3
ALT/AZ=49.7 5.0
fwAVG=1.76
sdW=747.0
fwW=1.72
sdS=281.3
fwS=1.85
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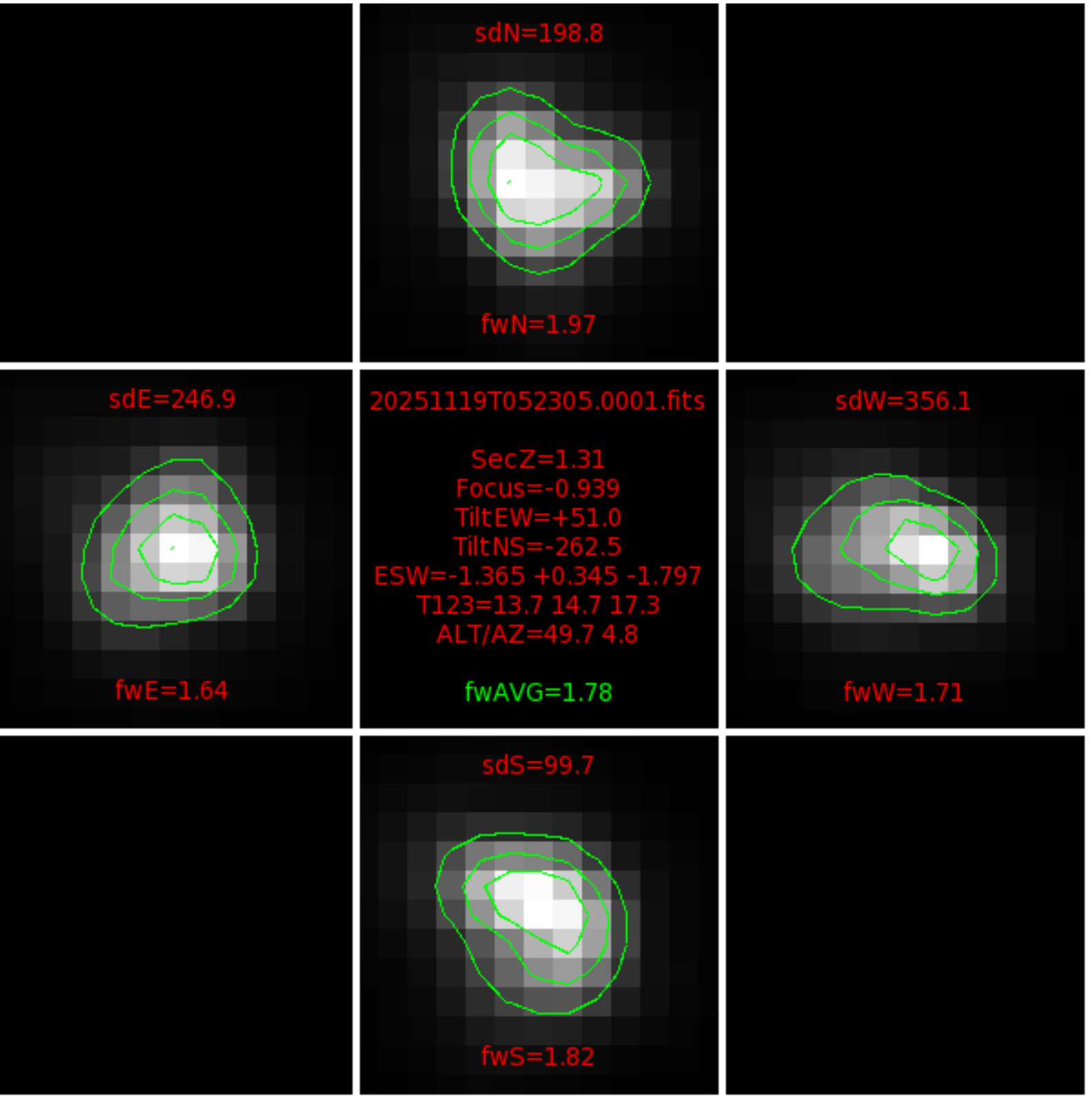
sdN=198.8
fwN=1.97
sdE=246.9
fwE=1.64
20251119T052305.0001.fits
SecZ=1.31
Focus=-0.939
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.365 +0.345 -1.797
T123=13.7 14.7 17.3
ALT/AZ=49.7 4.8
fwAVG=1.78
sdW=356.1
fwW=1.71
sdS=99.7
fwS=1.82
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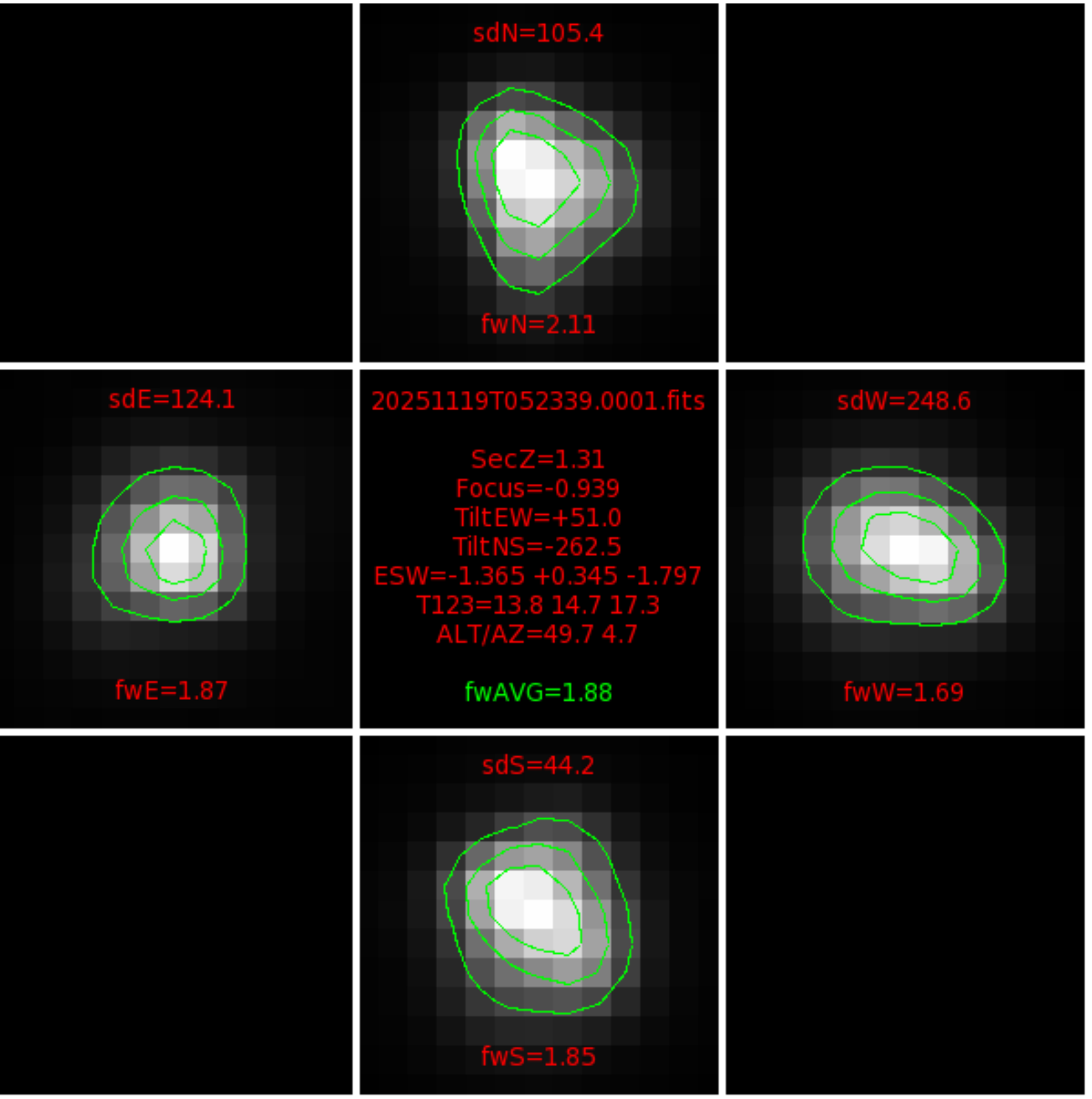
sdN=105.4
fwN=2.11
sdE=124.1
fwE=1.87
20251119T052339.0001.fits
SecZ=1.31
Focus=-0.939
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.365 +0.345 -1.797
T123=13.8 14.7 17.3
ALT/AZ=49.7 4.7
fwAVG=1.88
sdW=248.6
fwW=1.69
sdS=44.2
fwS=1.85
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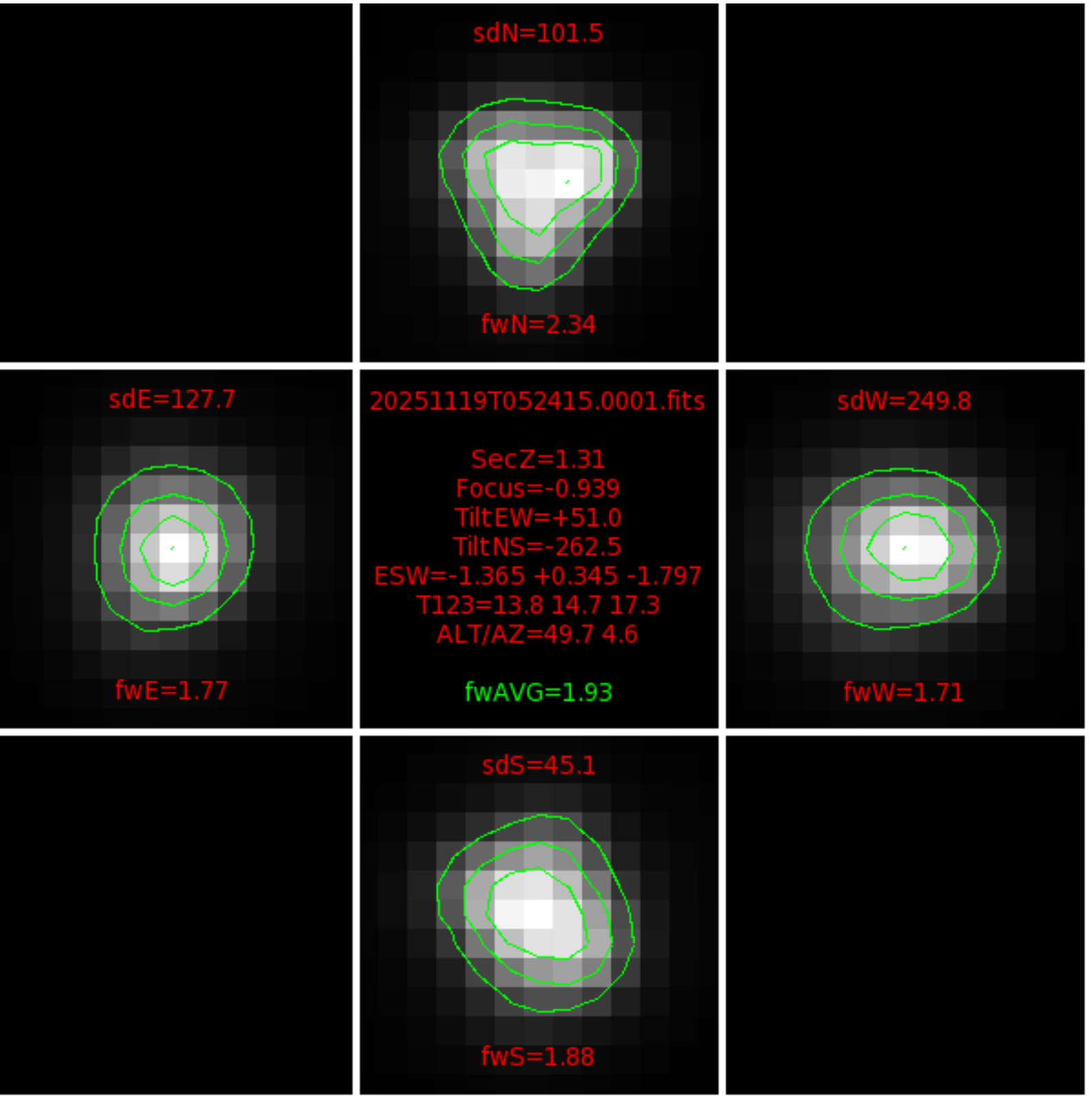
sdN=101.5
fwN=2.34
sdE=127.7
fwE=1.77
20251119T052415.0001.fits
SecZ=1.31
Focus=-0.939
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.365 +0.345 -1.797
T123=13.8 14.7 17.3
ALT/AZ=49.7 4.6
fwAVG=1.93
sdW=249.8
fwW=1.71
sdS=45.1
fwS=1.88
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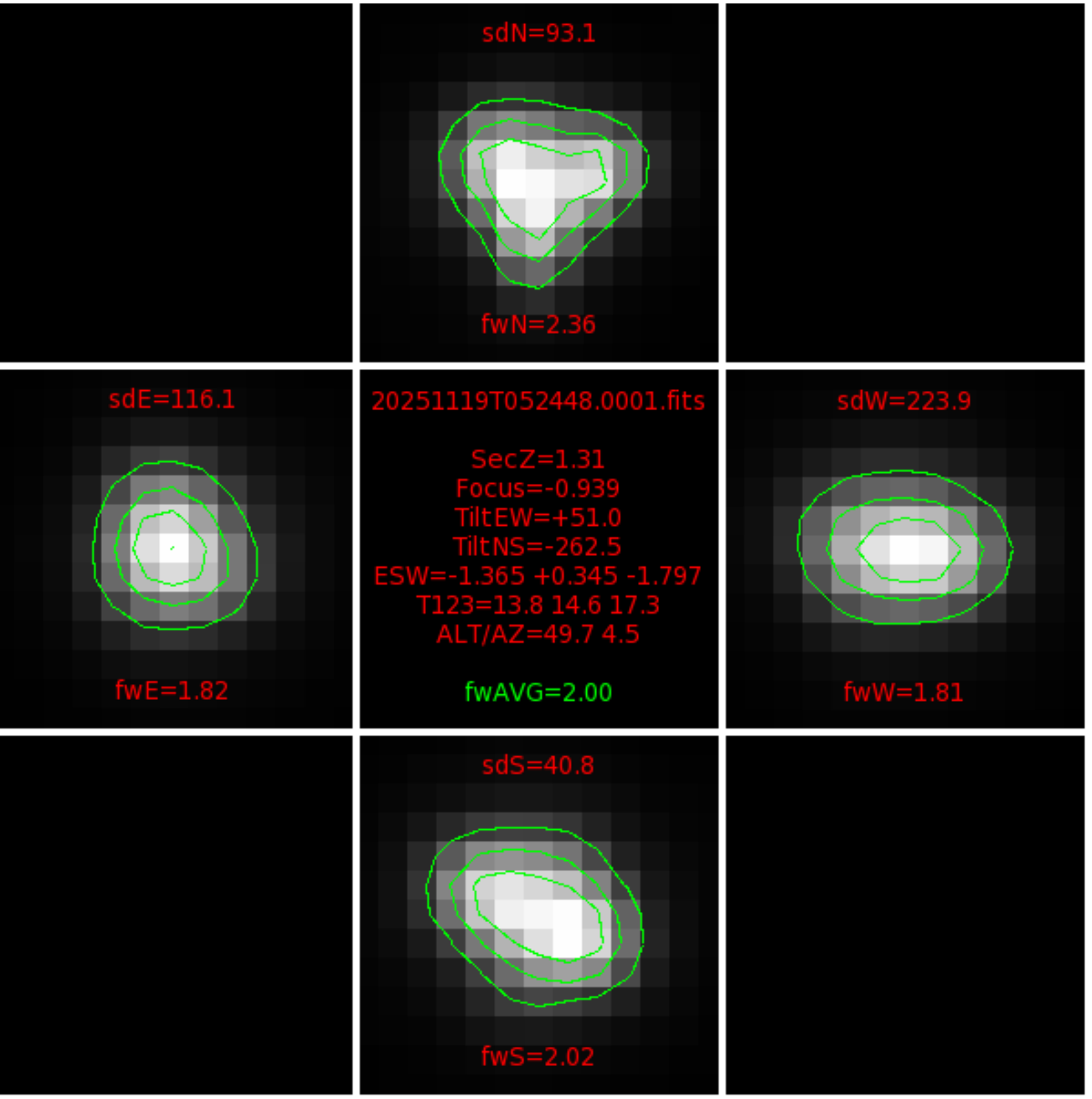
sdN=93.1
fwN=2.36
sdE=116.1
fwE=1.82
20251119T052448.0001.fits
SecZ=1.31
Focus=-0.939
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.365 +0.345 -1.797
T123=13.8 14.6 17.3
ALT/AZ=49.7 4.5
fwAVG=2.00
sdW=223.9
fwW=1.81
sdS=40.8
fwS=2.02
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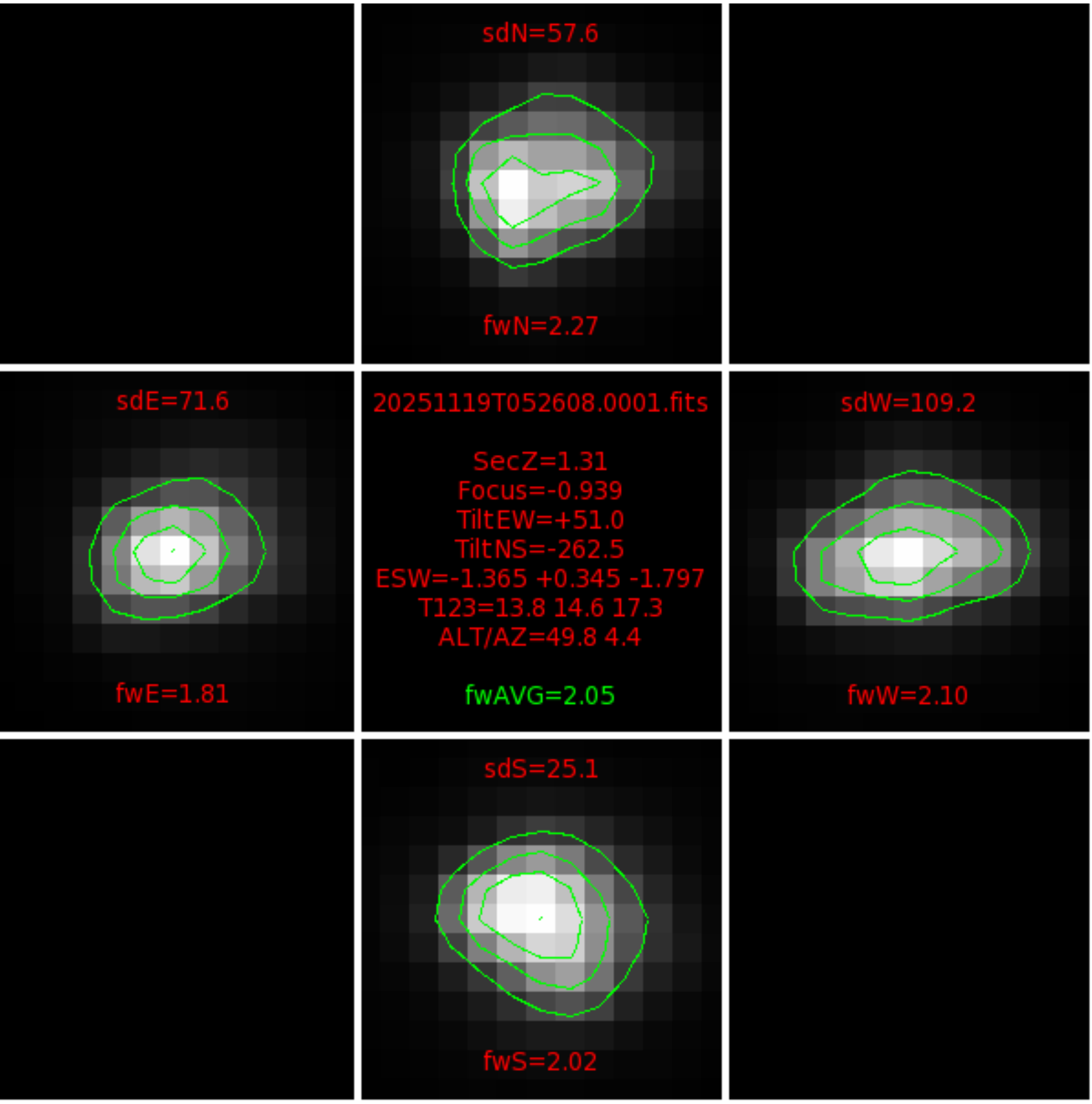
sdN=57.6
fwN=2.27
sdE=71.6
fwE=1.81
20251119T052608.0001.fits
SecZ=1.31
Focus=-0.939
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.365 +0.345 -1.797
T123=13.8 14.6 17.3
ALT/AZ=49.8 4.4
fwAVG=2.05
sdW=109.2
fwW=2.10
sdS=25.1
fwS=2.02
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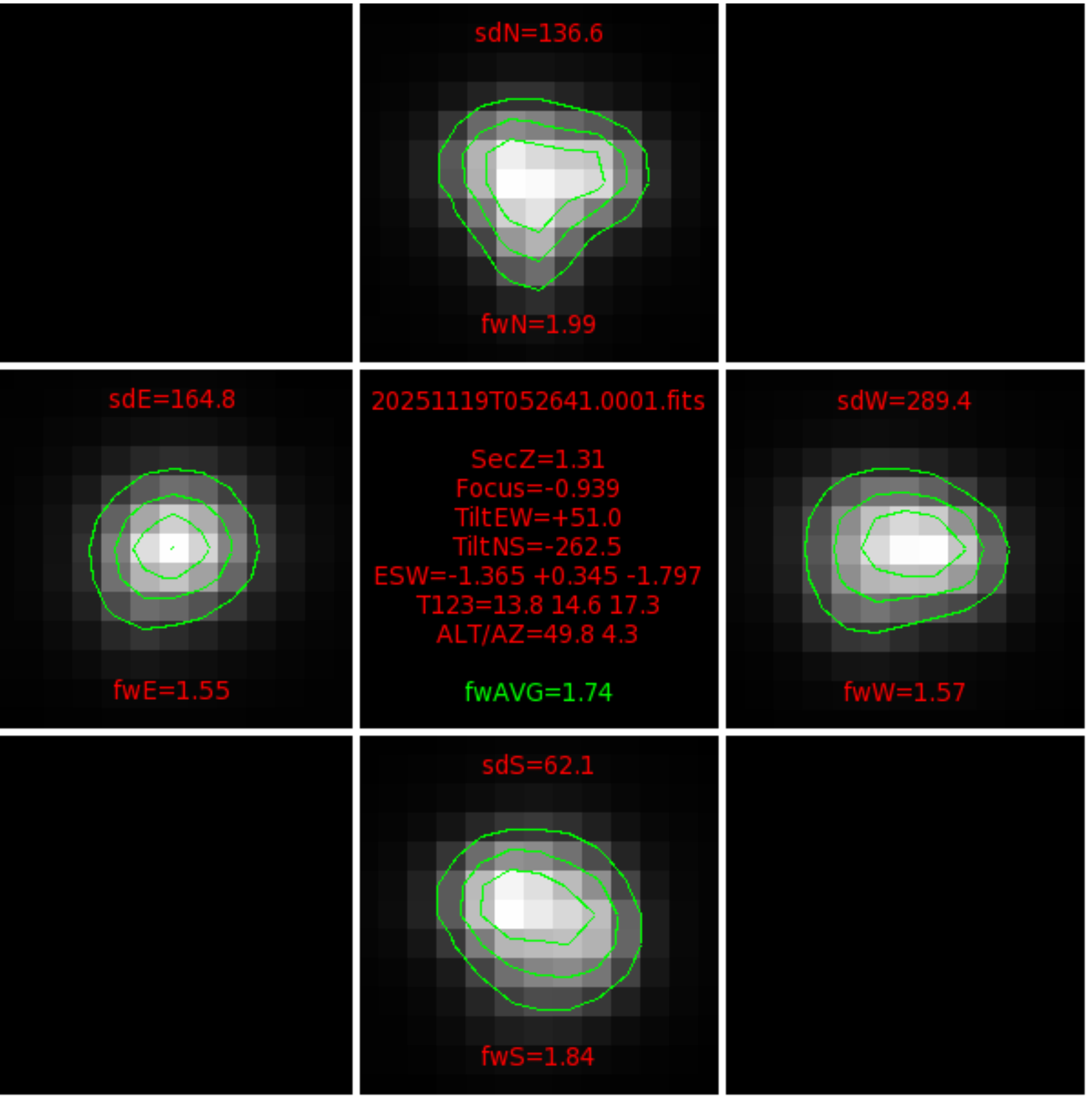
sdN=136.6
fwN=1.99
sdE=164.8
fwE=1.55
20251119T052641.0001.fits
SecZ=1.31
Focus=-0.939
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.365 +0.345 -1.797
T123=13.8 14.6 17.3
ALT/AZ=49.8 4.3
fwAVG=1.74
sdW=289.4
fwW=1.57
sdS=62.1
fwS=1.84
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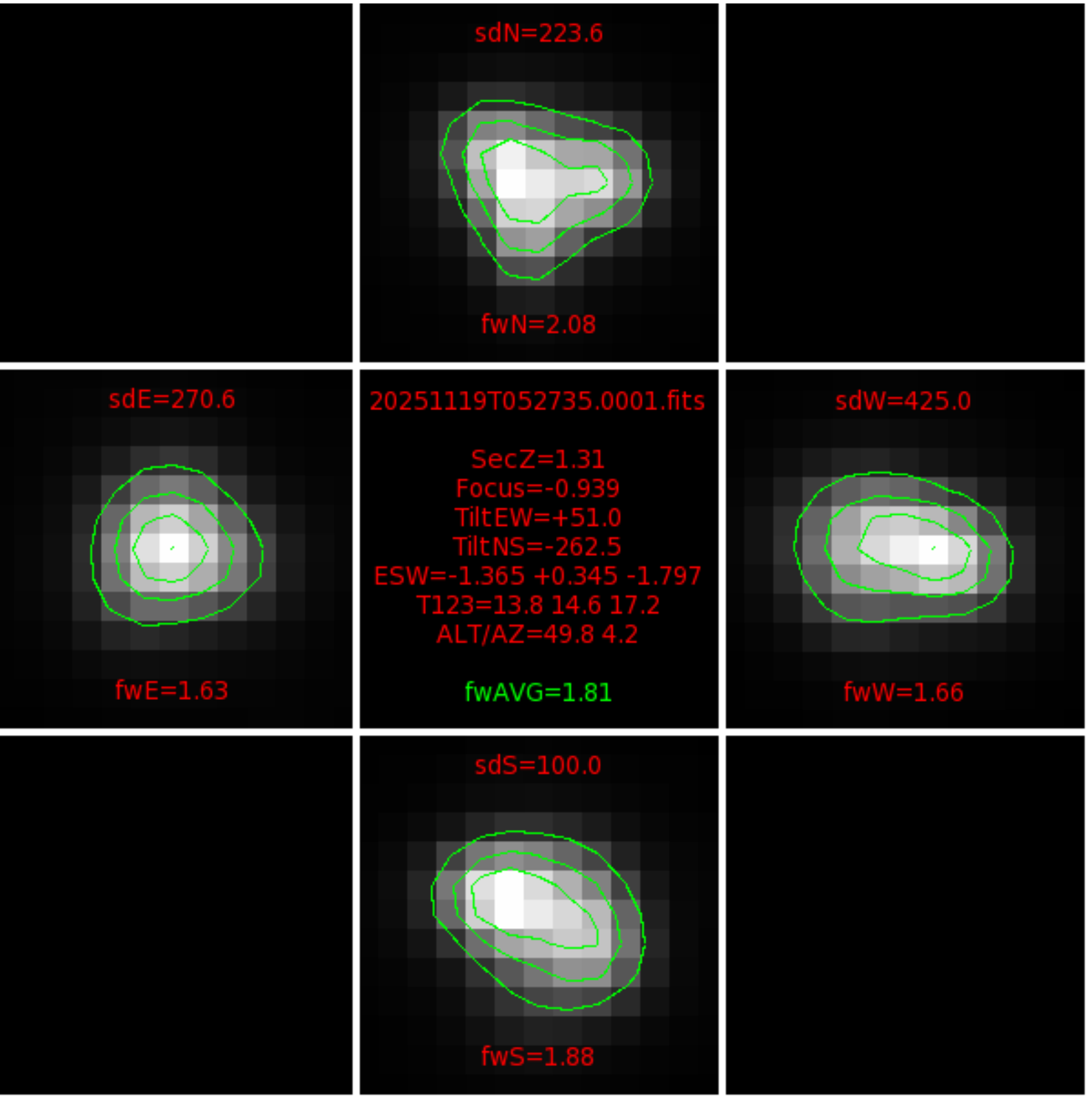
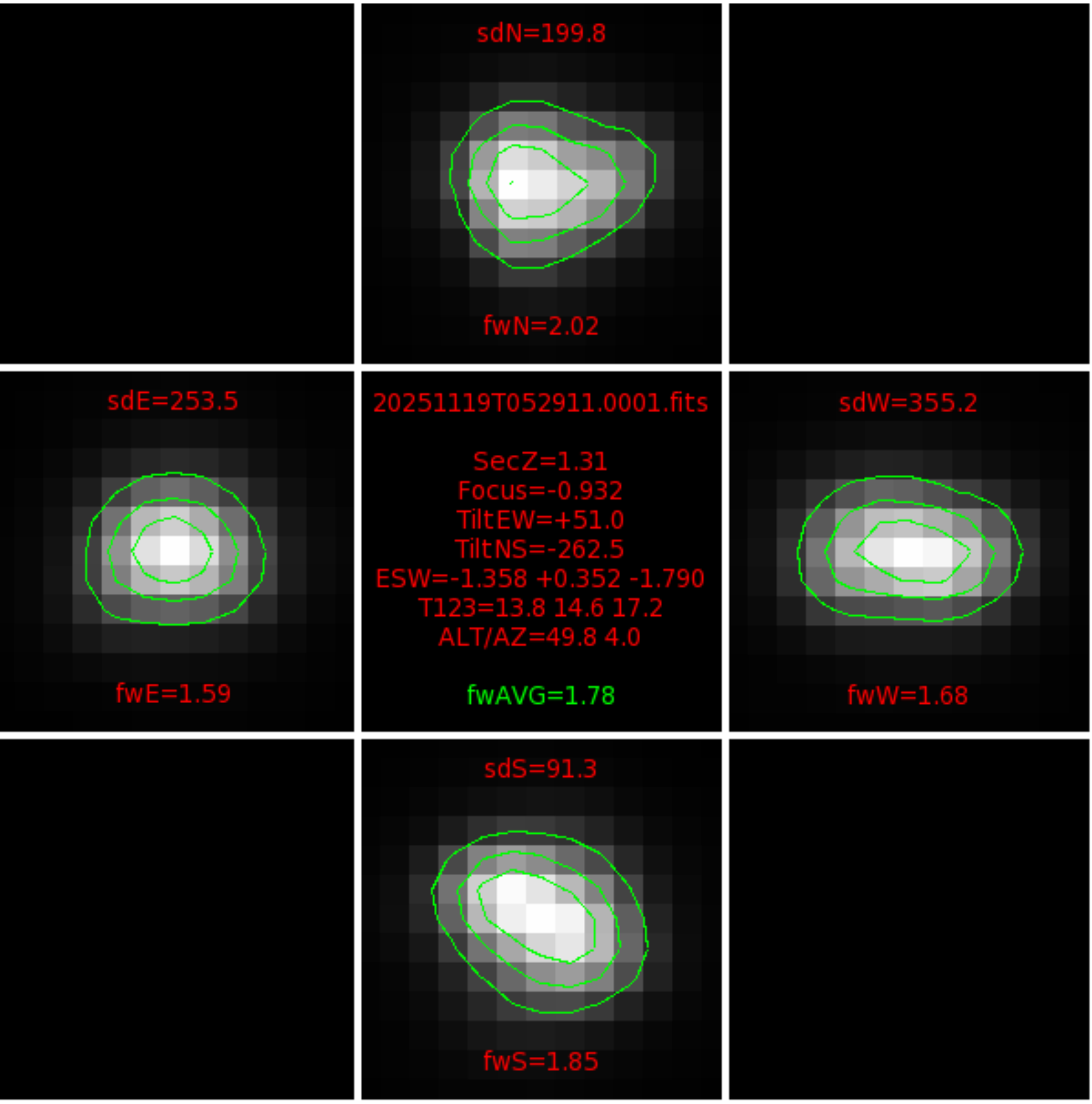

sdN=223.6
fwN=2.08
sdE=270.6
fwE=1.63
20251119T052735.0001.fits
SecZ=1.31
Focus=-0.939
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.365 +0.345 -1.797
T123=13.8 14.6 17.2
ALT/AZ=49.8 4.2
fwAVG=1.81
sdW=425.0
fwW=1.66
sdS=100.0
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=199.8
fwN=2.02
sdE=253.5
fwE=1.59
20251119T052911.0001.fits
SecZ=1.31
Focus=-0.932
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.358 +0.352 -1.790
T123=13.8 14.6 17.2
ALT/AZ=49.8 4.0
fwAVG=1.78
sdW=355.2
fwW=1.68
sdS=91.3
fwS=1.85
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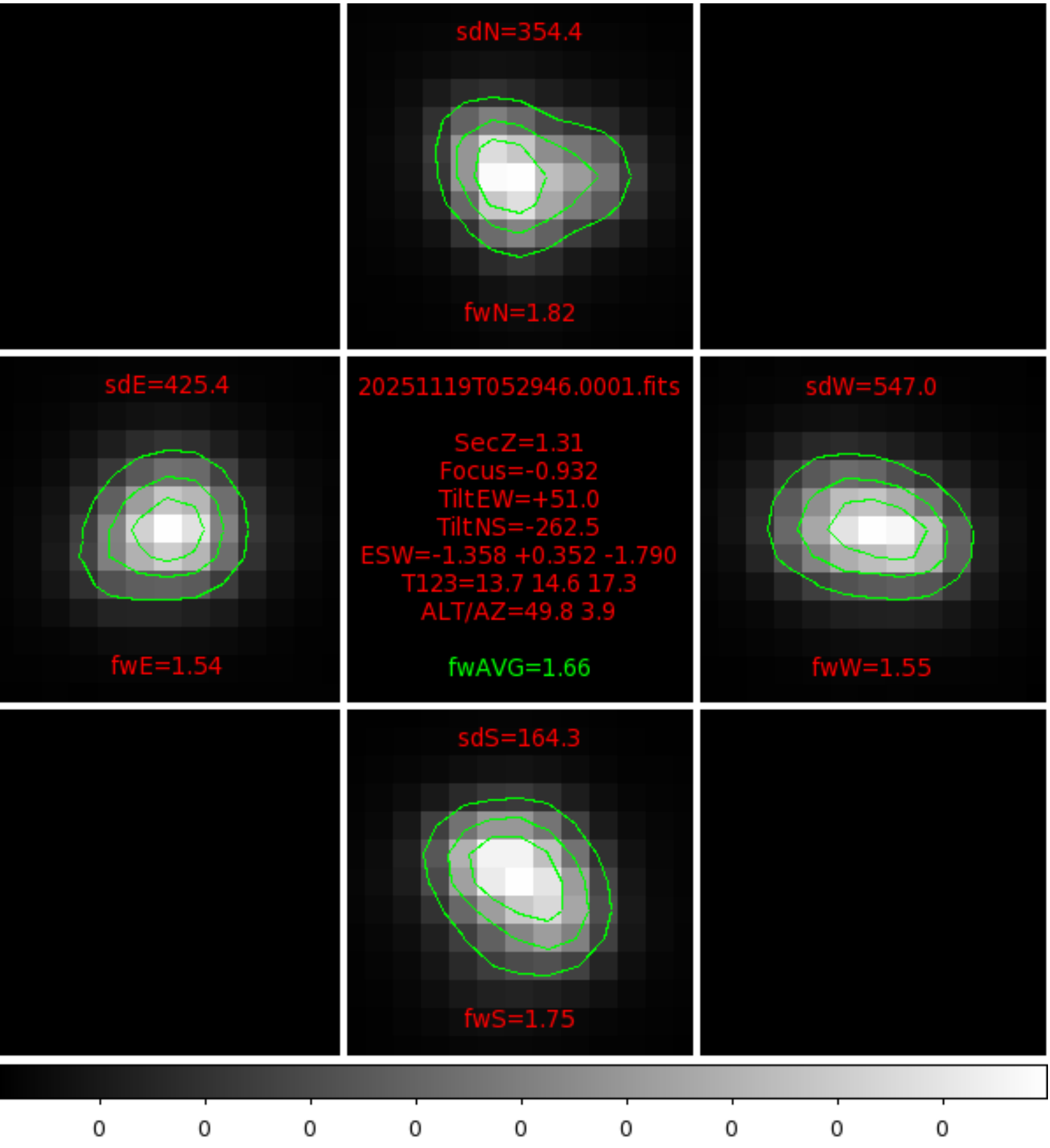
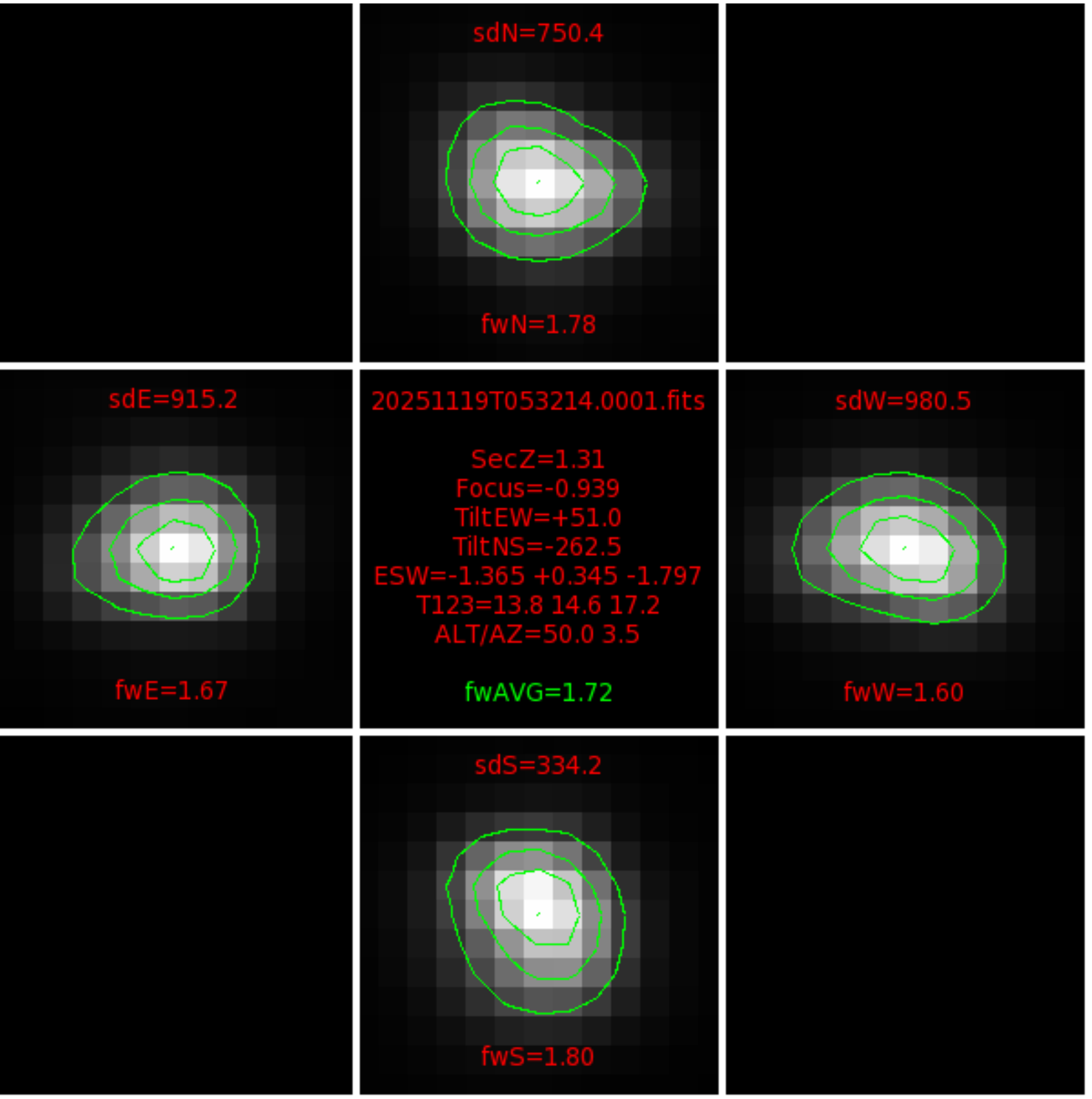

sdN=354.4
fwN=1.82
sdE=425.4
fwE=1.54
20251119T052946.0001.fits
SecZ=1.31
Focus=-0.932
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.358 +0.352 -1.790
T123=13.7 14.6 17.3
ALT/AZ=49.8 3.9
fwAVG=1.66
sdW=547.0
fwW=1.55
sdS=164.3
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=750.4
fwN=1.78
sdE=915.2
fwE=1.67
20251119T053214.0001.fits
SecZ=1.31
Focus=-0.939
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.365 +0.345 -1.797
T123=13.8 14.6 17.2
ALT/AZ=50.0 3.5
fwAVG=1.72
sdW=980.5
fwW=1.60
sdS=334.2
fwS=1.80
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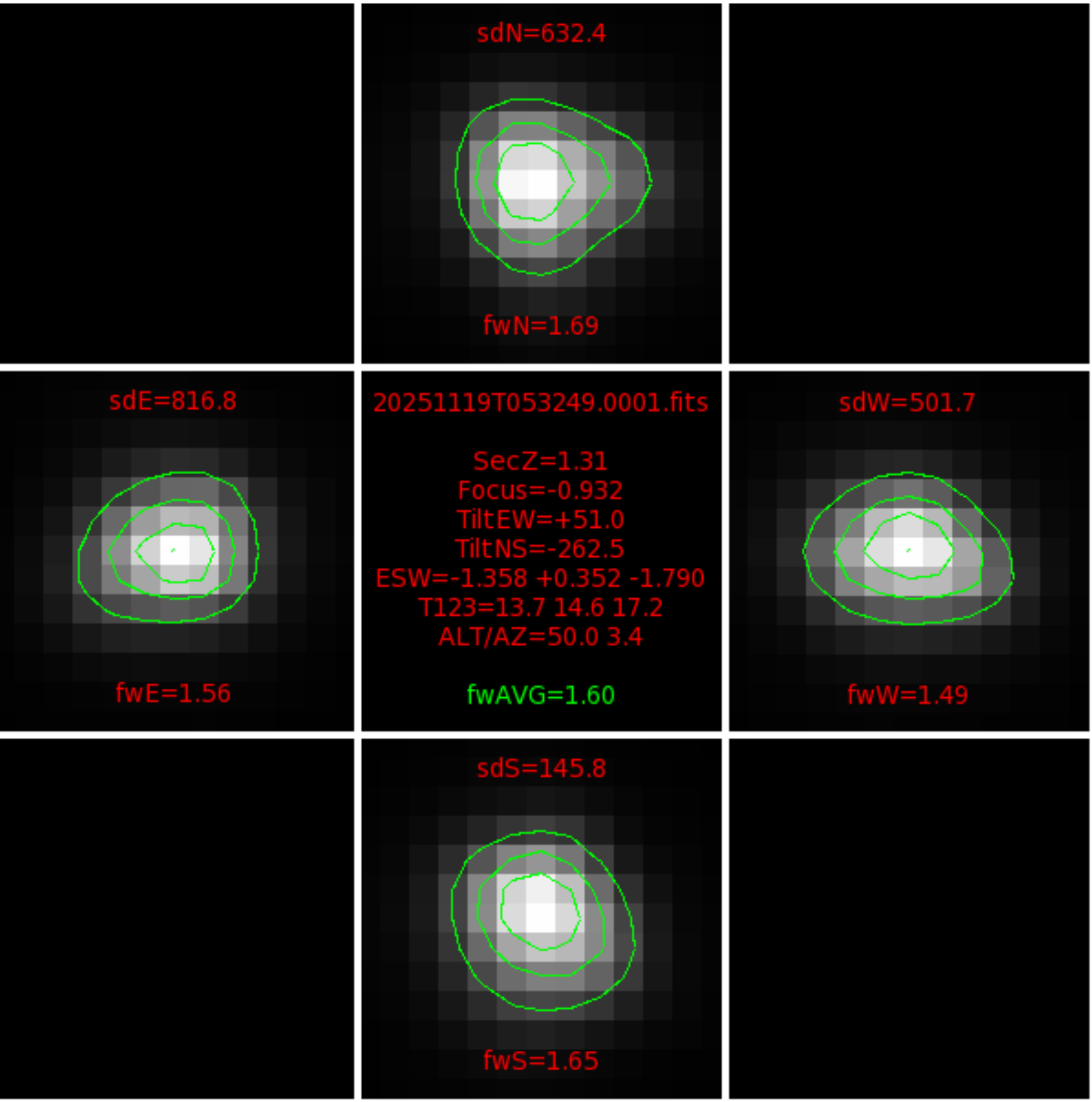
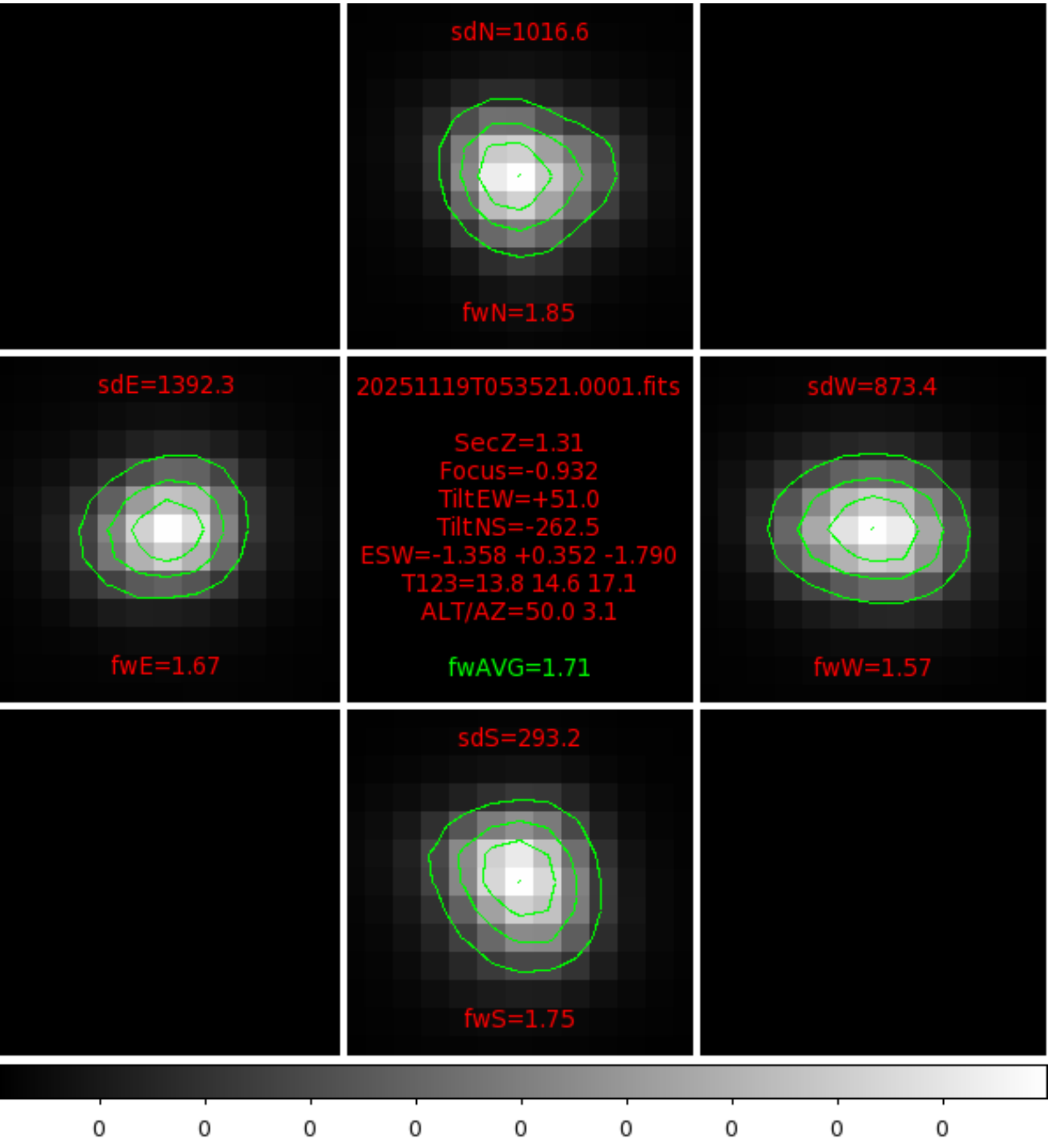
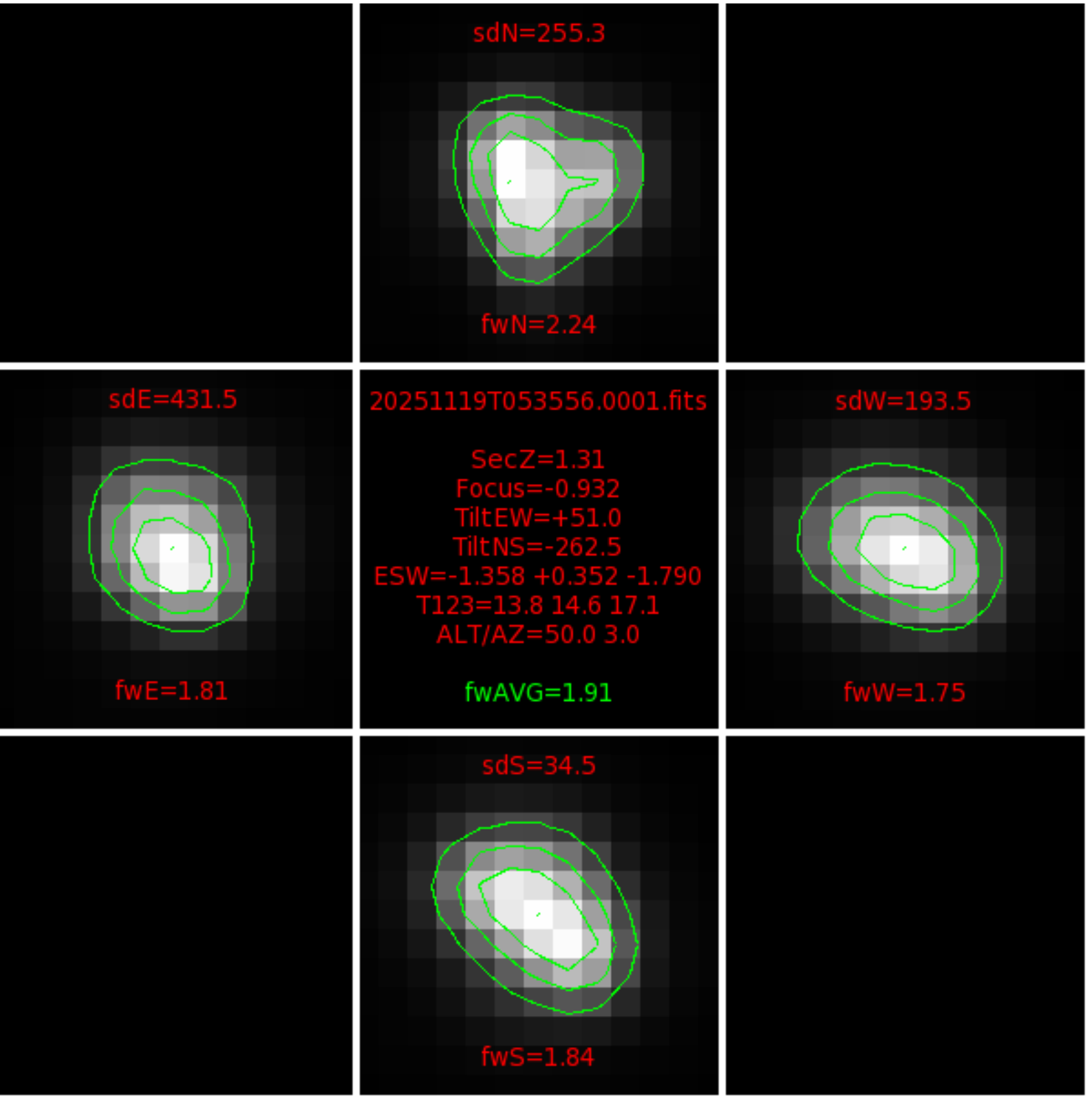
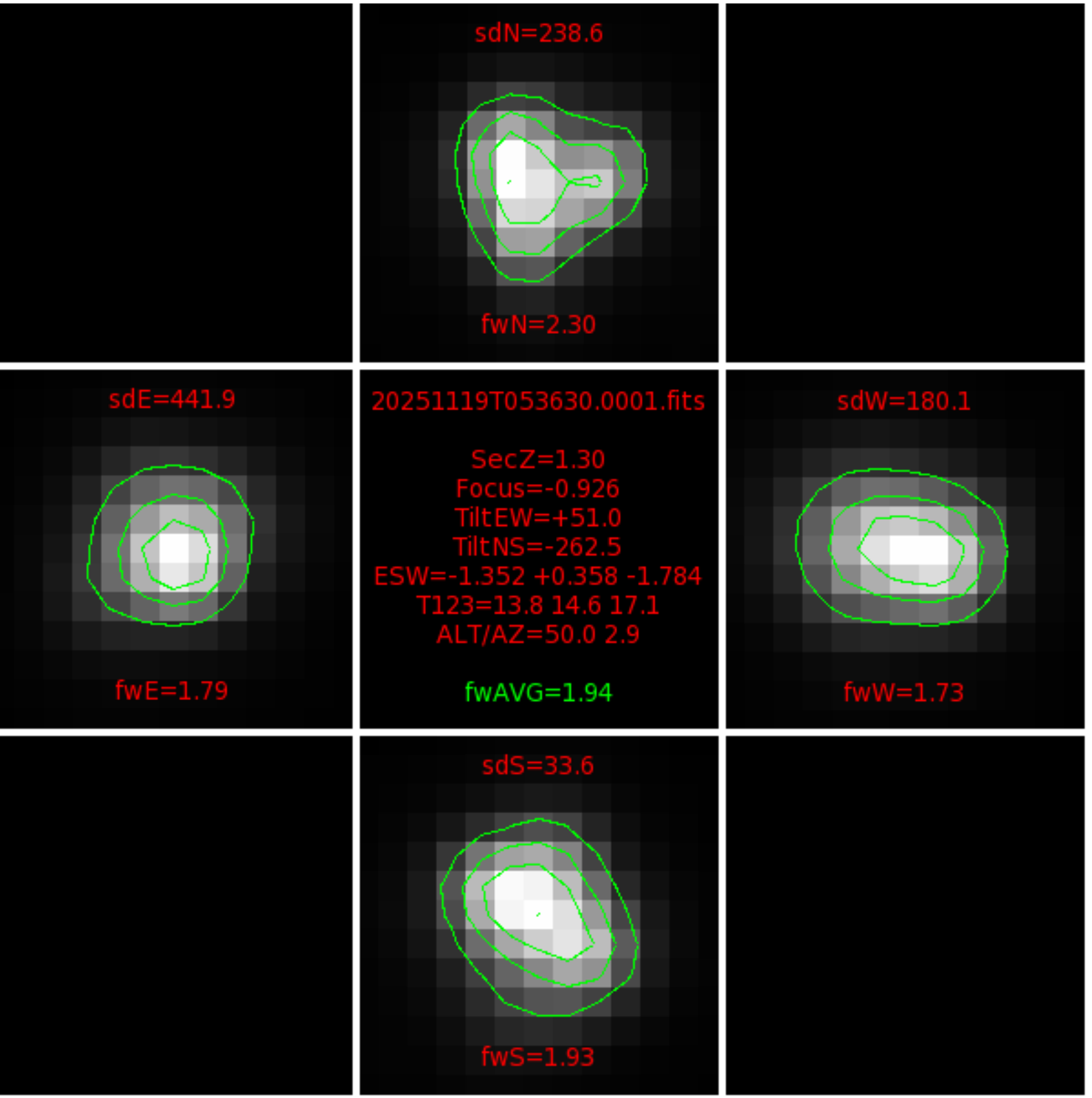

sdN=632.4
fwN=1.69
sdE=816.8
fwE=1.56
20251119T053249.0001.fits
SecZ=1.31
Focus=-0.932
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.358 +0.352 -1.790
T123=13.7 14.6 17.2
ALT/AZ=50.0 3.4
fwAVG=1.60
sdW=501.7
fwW=1.49
sdS=145.8
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=1016.6
fwN=1.85
sdE=1392.3
fwE=1.67
20251119T053521.0001.fits
SecZ=1.31
Focus=-0.932
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.358 +0.352 -1.790
T123=13.8 14.6 17.1
ALT/AZ=50.0 3.1
fwAVG=1.71
sdW=873.4
fwW=1.57
sdS=293.2
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=255.3
fwN=2.24
sdE=431.5
fwE=1.81
20251119T053556.0001.fits
SecZ=1.31
Focus=-0.932
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.358 +0.352 -1.790
T123=13.8 14.6 17.1
ALT/AZ=50.0 3.0
fwAVG=1.91
sdW=193.5
fwW=1.75
sdS=34.5
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=238.6
fwN=2.30
sdE=441.9
fwE=1.79
20251119T053630.0001.fits
SecZ=1.30
Focus=-0.926
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.352 +0.358 -1.784
T123=13.8 14.6 17.1
ALT/AZ=50.0 2.9
fwAVG=1.94
sdW=180.1
fwW=1.73
sdS=33.6
fwS=1.93
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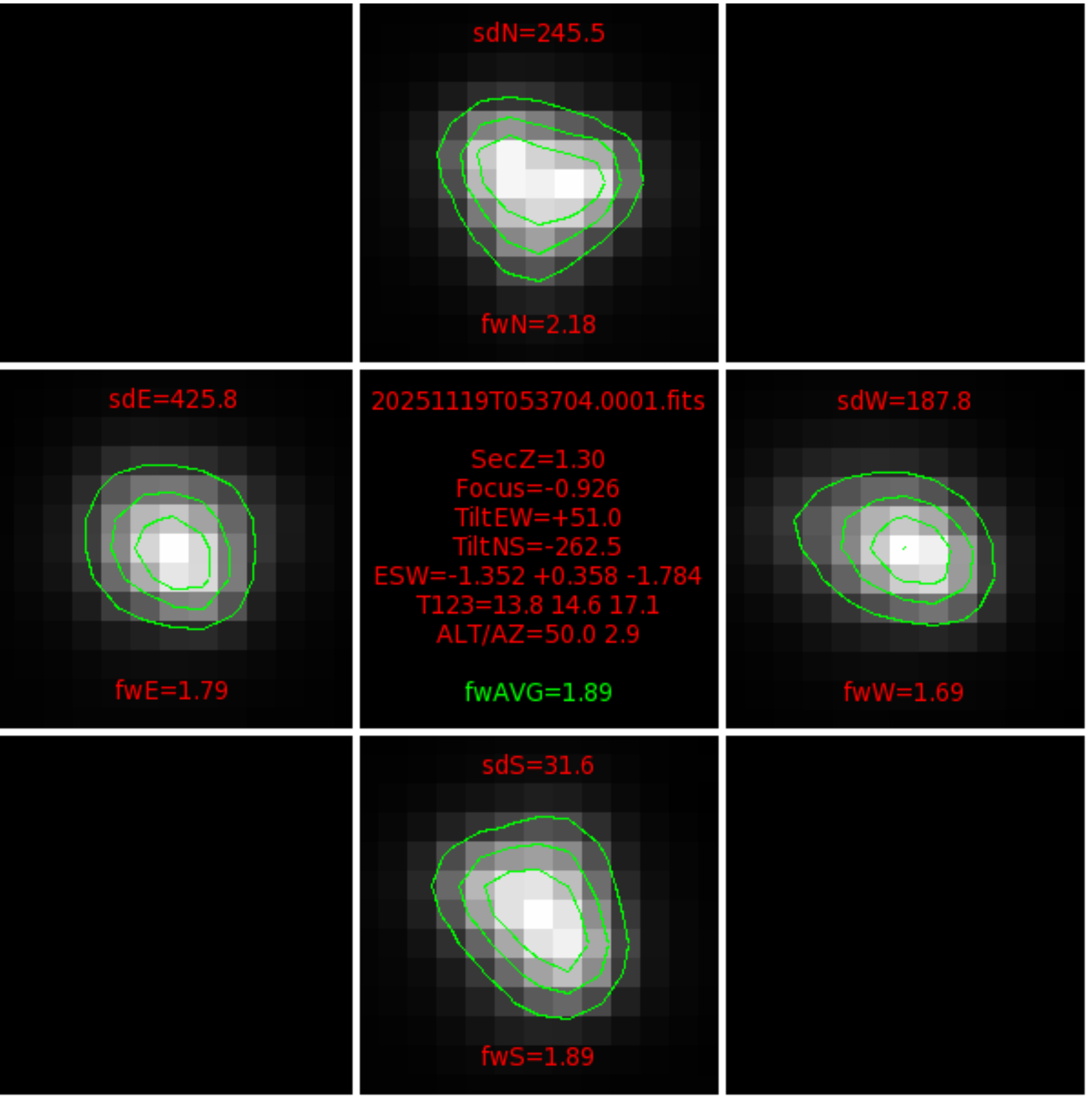
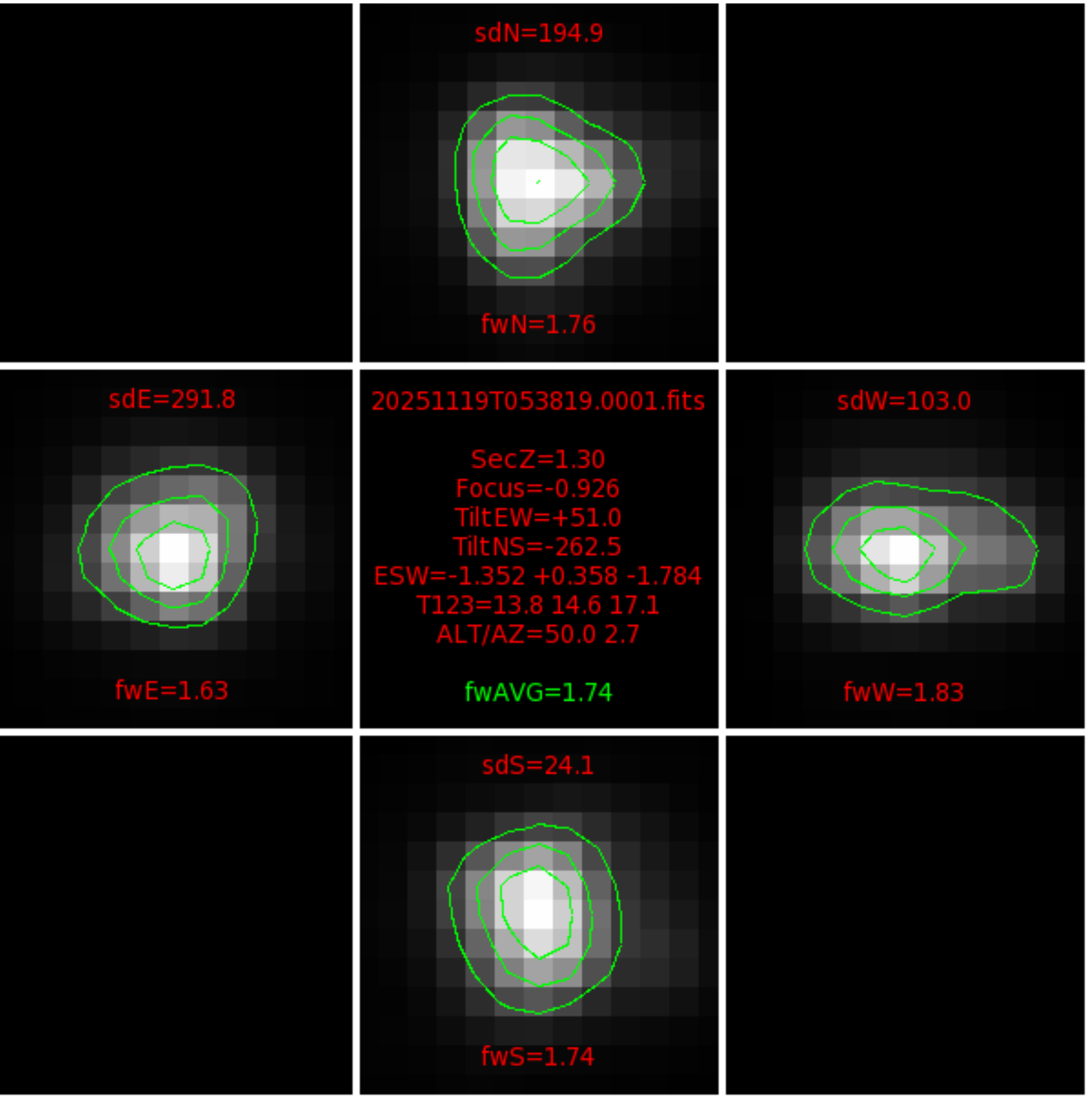
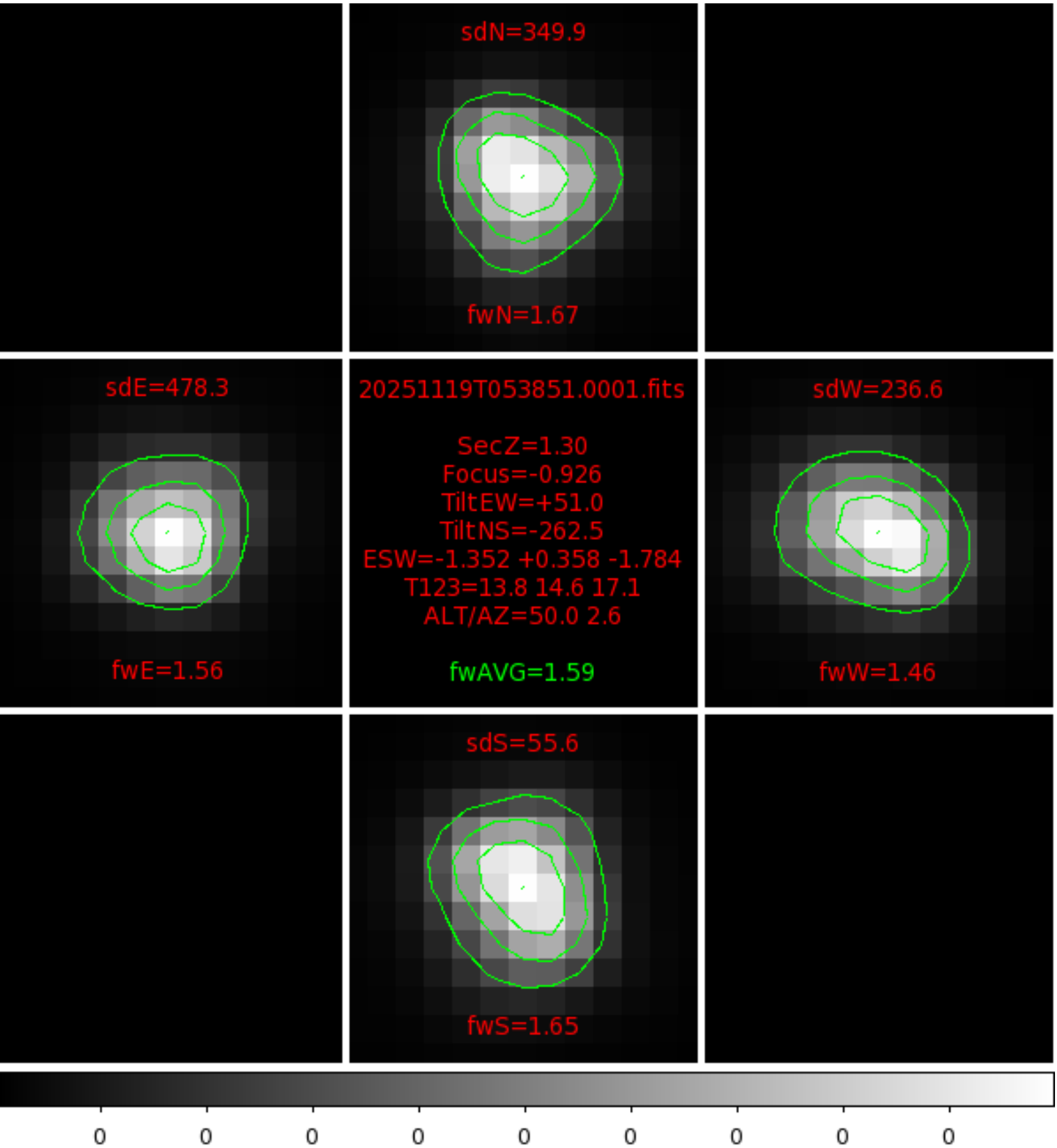
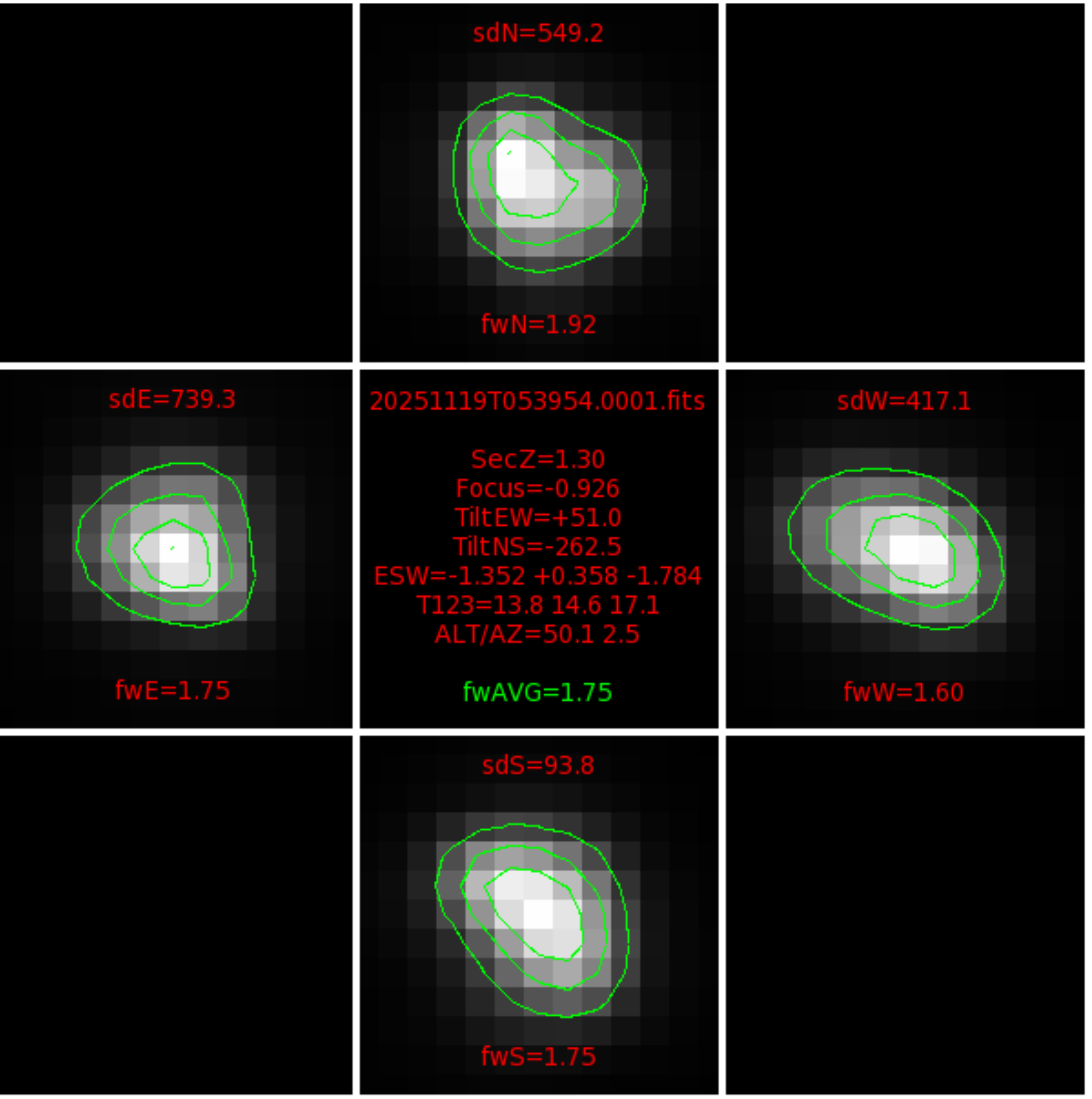
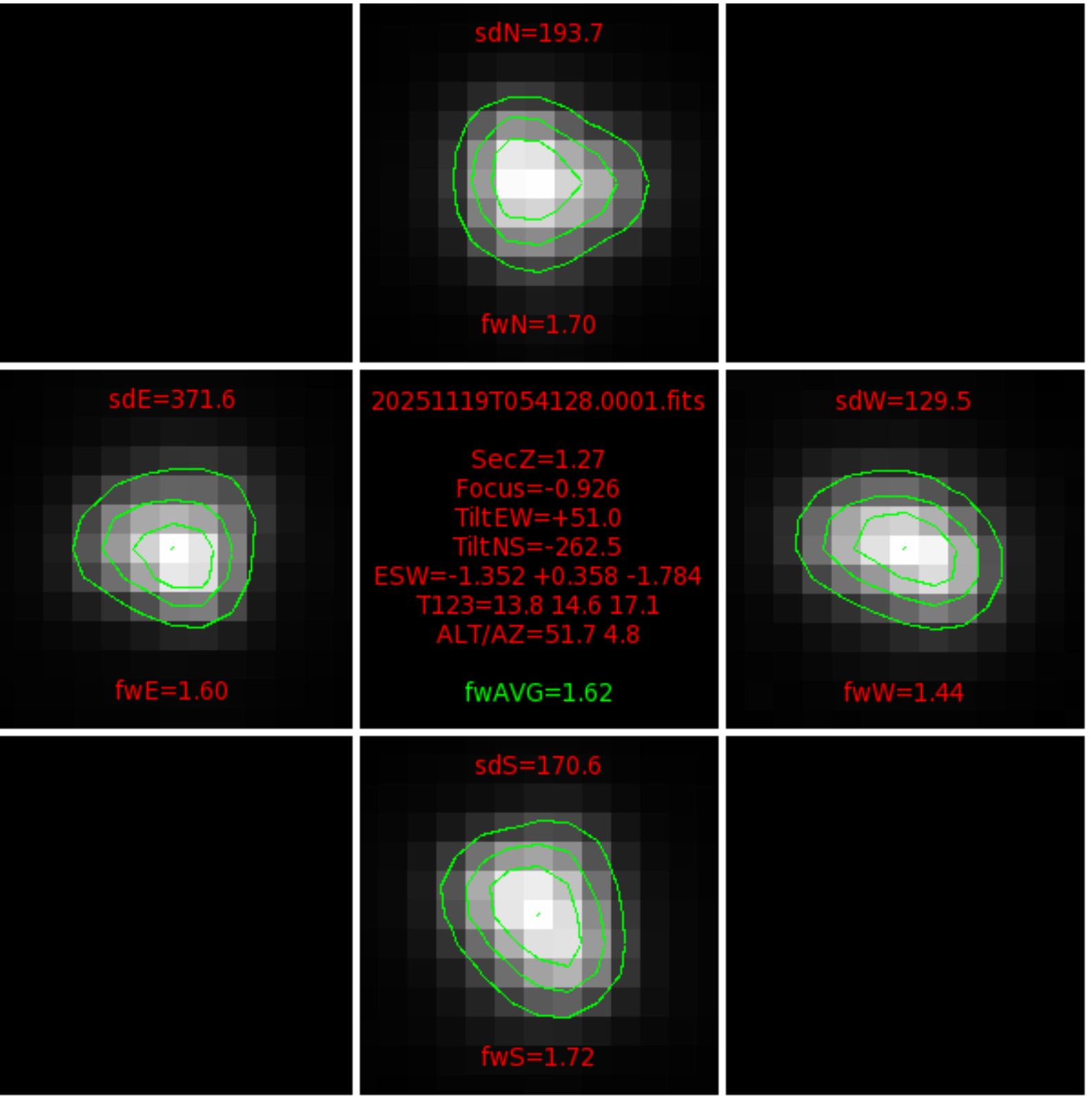

sdN=245.5
fwN=2.18
sdE=425.8
fwE=1.79
20251119T053704.0001.fits
SecZ=1.30
Focus=-0.926
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.352 +0.358 -1.784
T123=13.8 14.6 17.1
ALT/AZ=50.0 2.9
fwAVG=1.89
sdW=187.8
fwW=1.69
sdS=31.6
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=194.9
fwN=1.76
sdE=291.8
fwE=1.63
20251119T053819.0001.fits
SecZ=1.30
Focus=-0.926
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.352 +0.358 -1.784
T123=13.8 14.6 17.1
ALT/AZ=50.0 2.7
fwAVG=1.74
sdW=103.0
fwW=1.83
sdS=24.1
fwS=1.74
0 0 0 0 0 0 0 0 0


sdN=349.9
fwN=1.67
sdE=478.3
fwE=1.56
20251119T053851.0001.fits
SecZ=1.30
Focus=-0.926
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.352 +0.358 -1.784
T123=13.8 14.6 17.1
ALT/AZ=50.0 2.6
fwAVG=1.59
sdW=236.6
fwW=1.46
sdS=55.6
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=549.2
fwN=1.92
sdE=739.3
fwE=1.75
20251119T053954.0001.fits
SecZ=1.30
Focus=-0.926
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.352 +0.358 -1.784
T123=13.8 14.6 17.1
ALT/AZ=50.1 2.5
fwAVG=1.75
sdW=417.1
fwW=1.60
sdS=93.8
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=193.7
fwN=1.70
sdE=371.6
fwE=1.60
20251119T054128.0001.fits
SecZ=1.27
Focus=-0.926
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.352 +0.358 -1.784
T123=13.8 14.6 17.1
ALT/AZ=51.7 4.8
fwAVG=1.62
sdW=129.5
fwW=1.44
sdS=170.6
fwS=1.72
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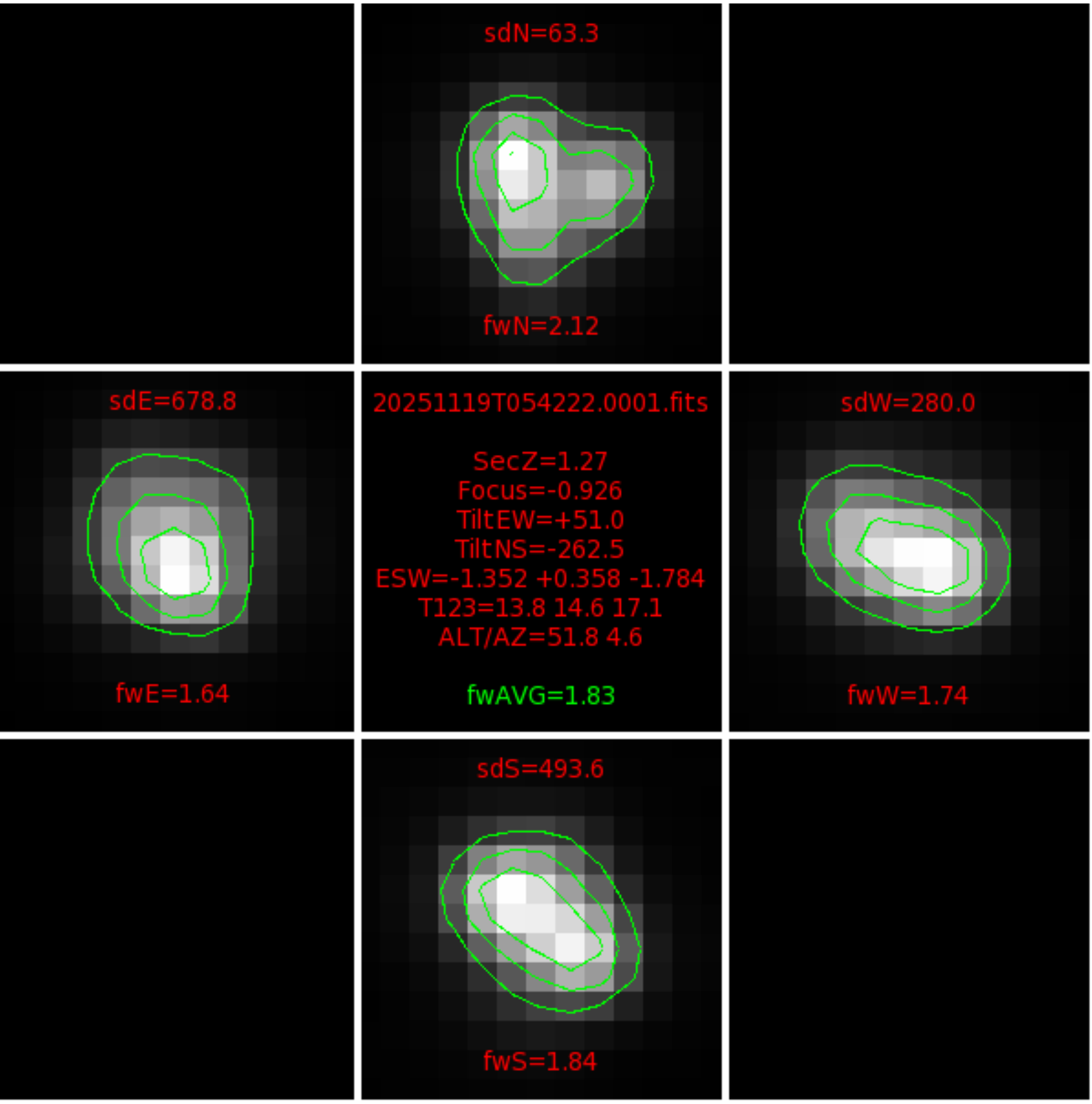
sdN=63.3
fwN=2.12
sdE=678.8
fwE=1.64
20251119T054222.0001.fits
SecZ=1.27
Focus=-0.926
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.352 +0.358 -1.784
T123=13.8 14.6 17.1
ALT/AZ=51.8 4.6
fwAVG=1.83
sdW=280.0
fwW=1.74
sdS=493.6
fwS=1.84
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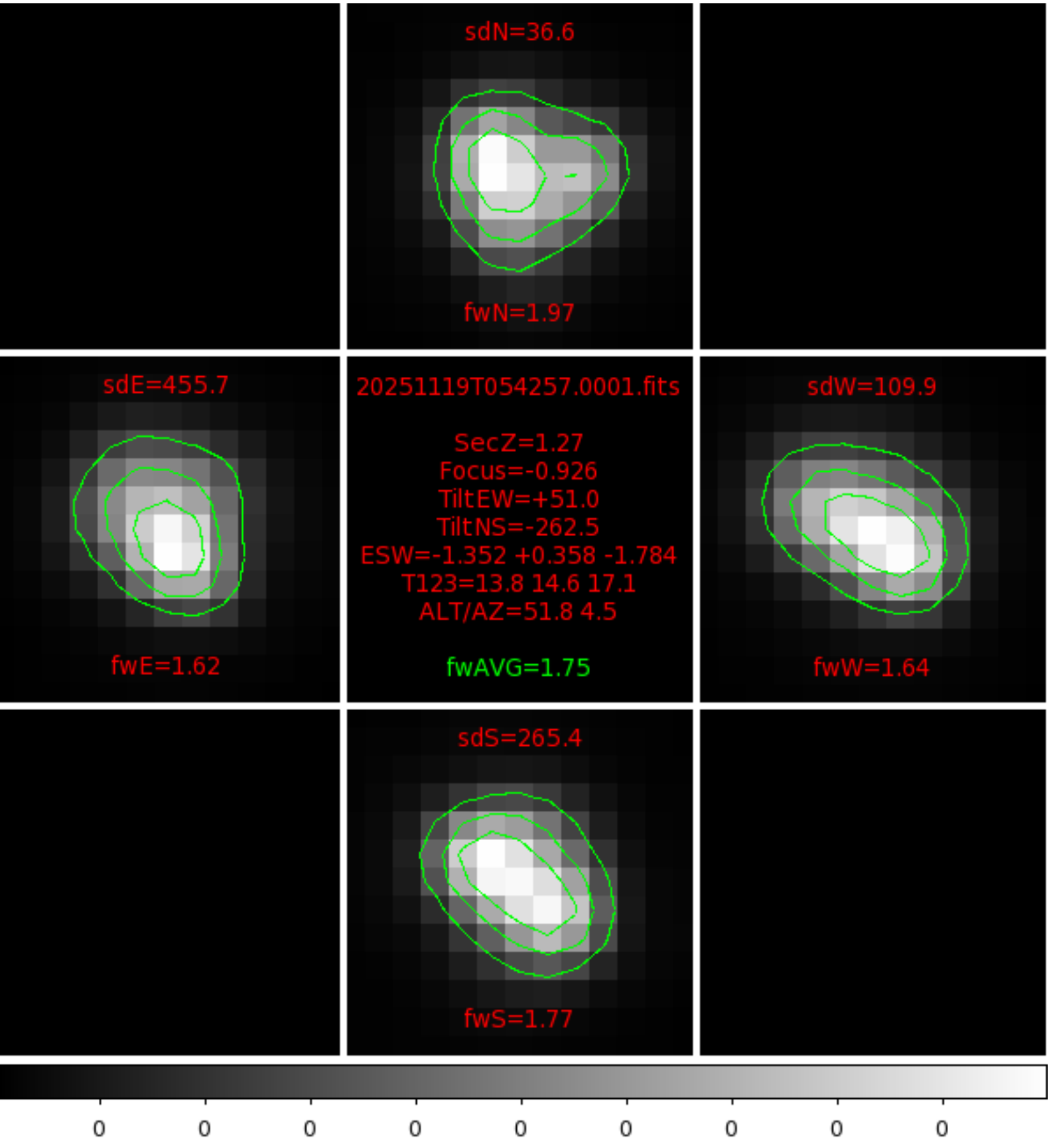
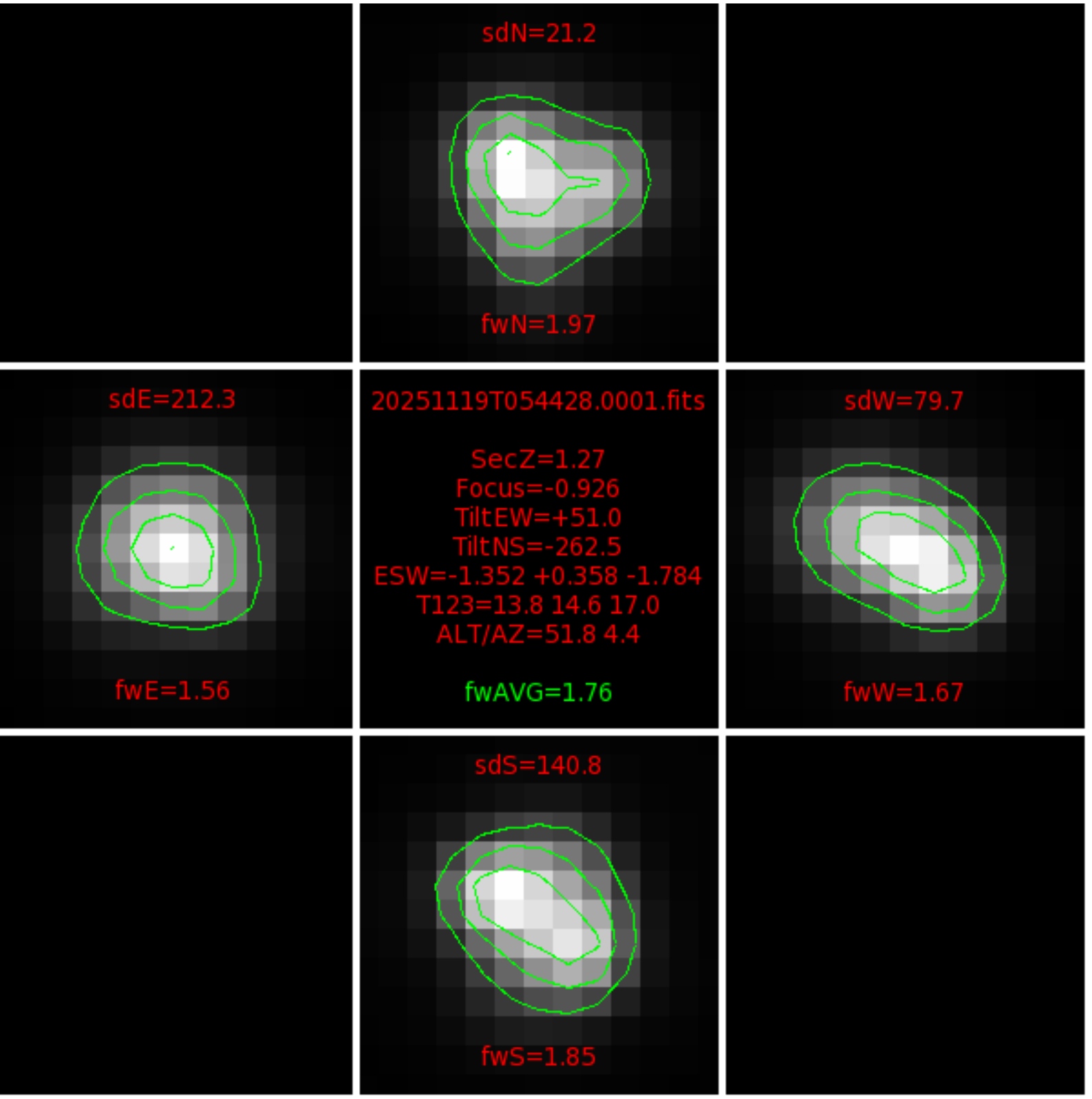

sdN=36.6
fwN=1.97
sdE=455.7
fwE=1.62
20251119T054257.0001.fits
SecZ=1.27
Focus=-0.926
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.352 +0.358 -1.784
T123=13.8 14.6 17.1
ALT/AZ=51.8 4.5
fwAVG=1.75
sdW=109.9
fwW=1.64
sdS=265.4
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=21.2
fwN=1.97
sdE=212.3
fwE=1.56
20251119T054428.0001.fits
SecZ=1.27
Focus=-0.926
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.352 +0.358 -1.784
T123=13.8 14.6 17.0
ALT/AZ=51.8 4.4
fwAVG=1.76
sdW=79.7
fwW=1.67
sdS=140.8
fwS=1.85
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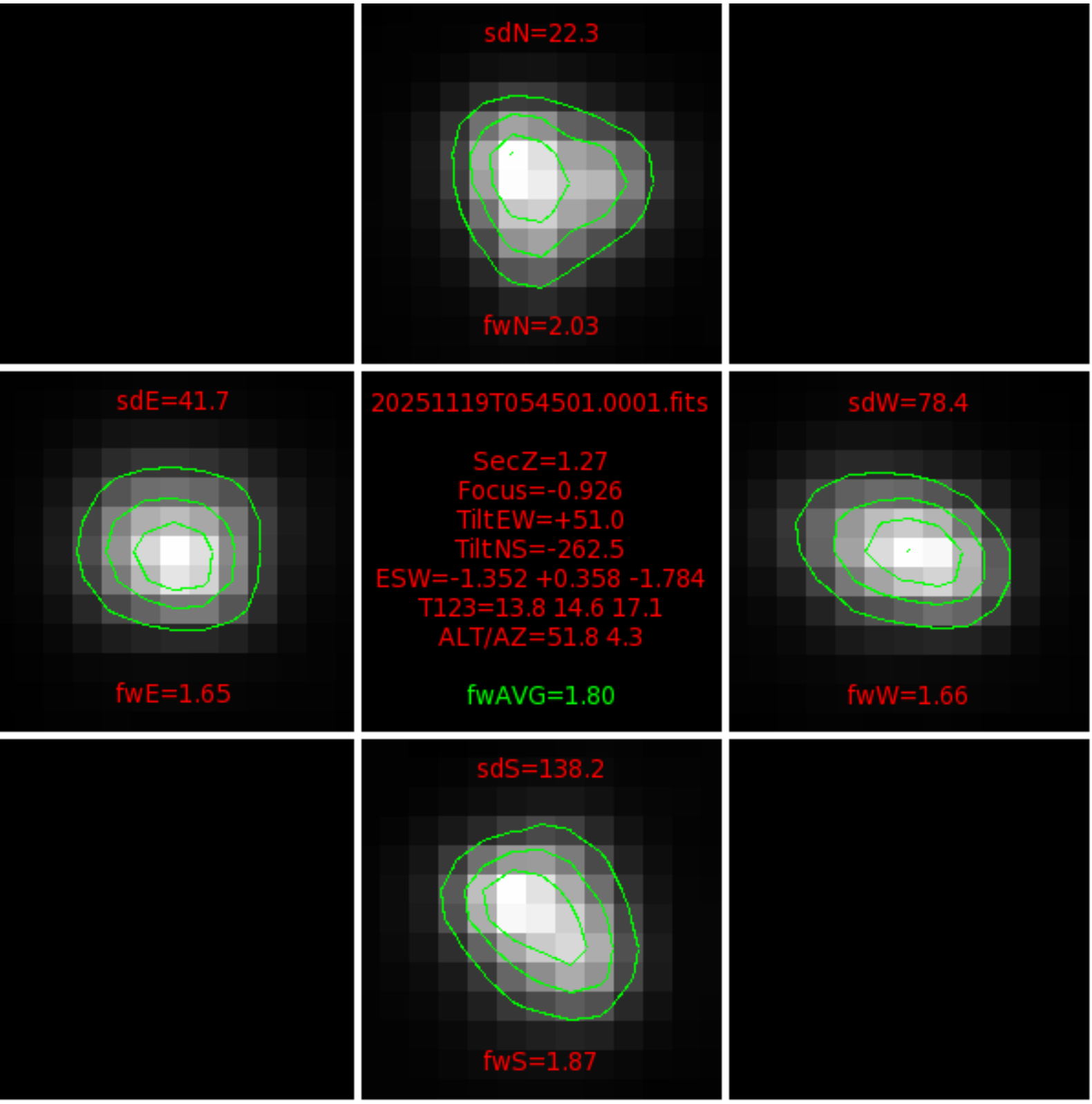
sdN=22.3
fwN=2.03
sdE=41.7
fwE=1.65
20251119T054501.0001.fits
SecZ=1.27
Focus=-0.926
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.352 +0.358 -1.784
T123=13.8 14.6 17.1
ALT/AZ=51.8 4.3
fwAVG=1.80
sdW=78.4
fwW=1.66
sdS=138.2
fwS=1.87
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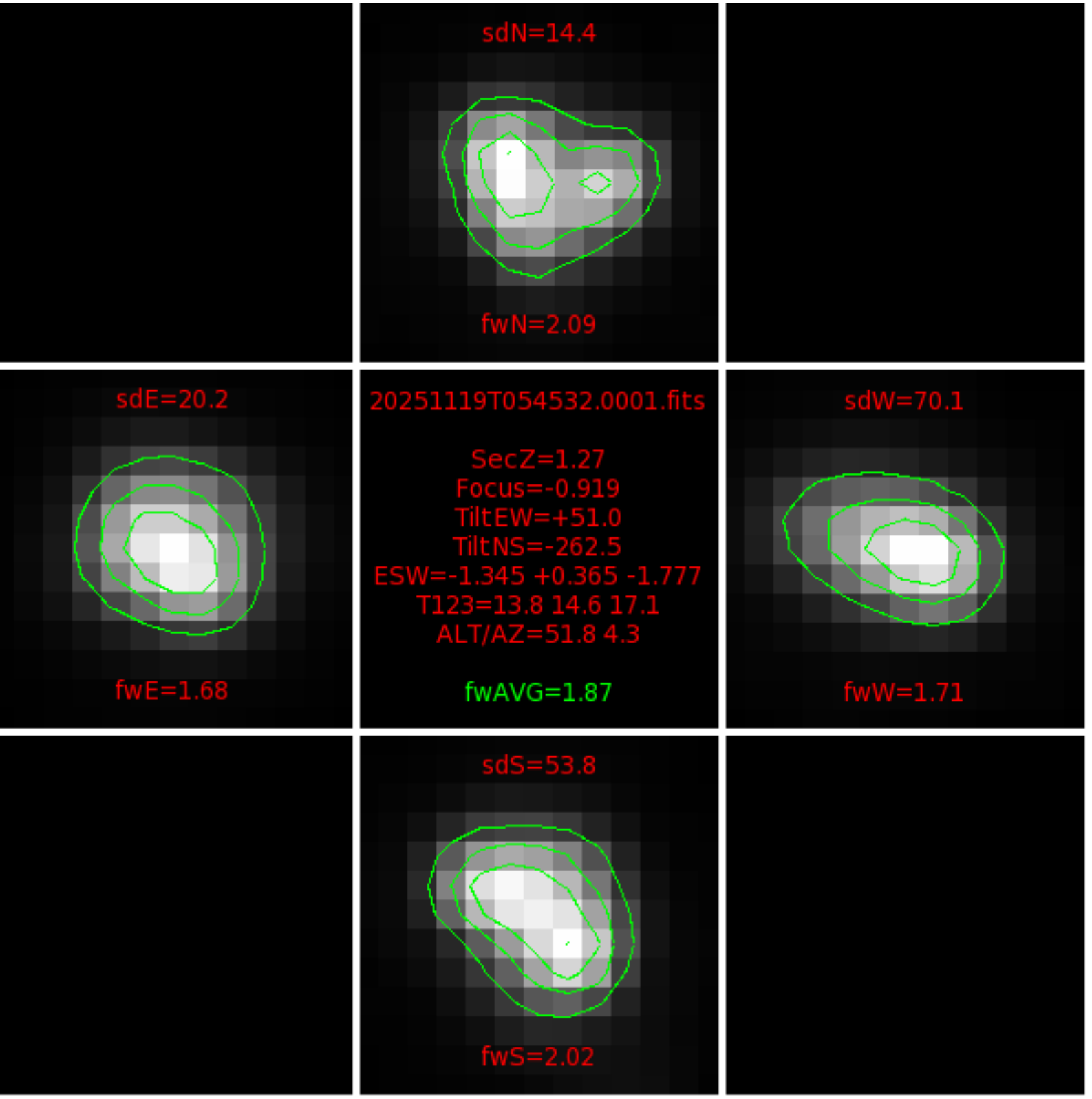
sdN=14.4
fwN=2.09
sdE=20.2
fwE=1.68
20251119T054532.0001.fits
SecZ=1.27
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.8 14.6 17.1
ALT/AZ=51.8 4.3
fwAVG=1.87
sdW=70.1
fwW=1.71
sdS=53.8
fwS=2.02
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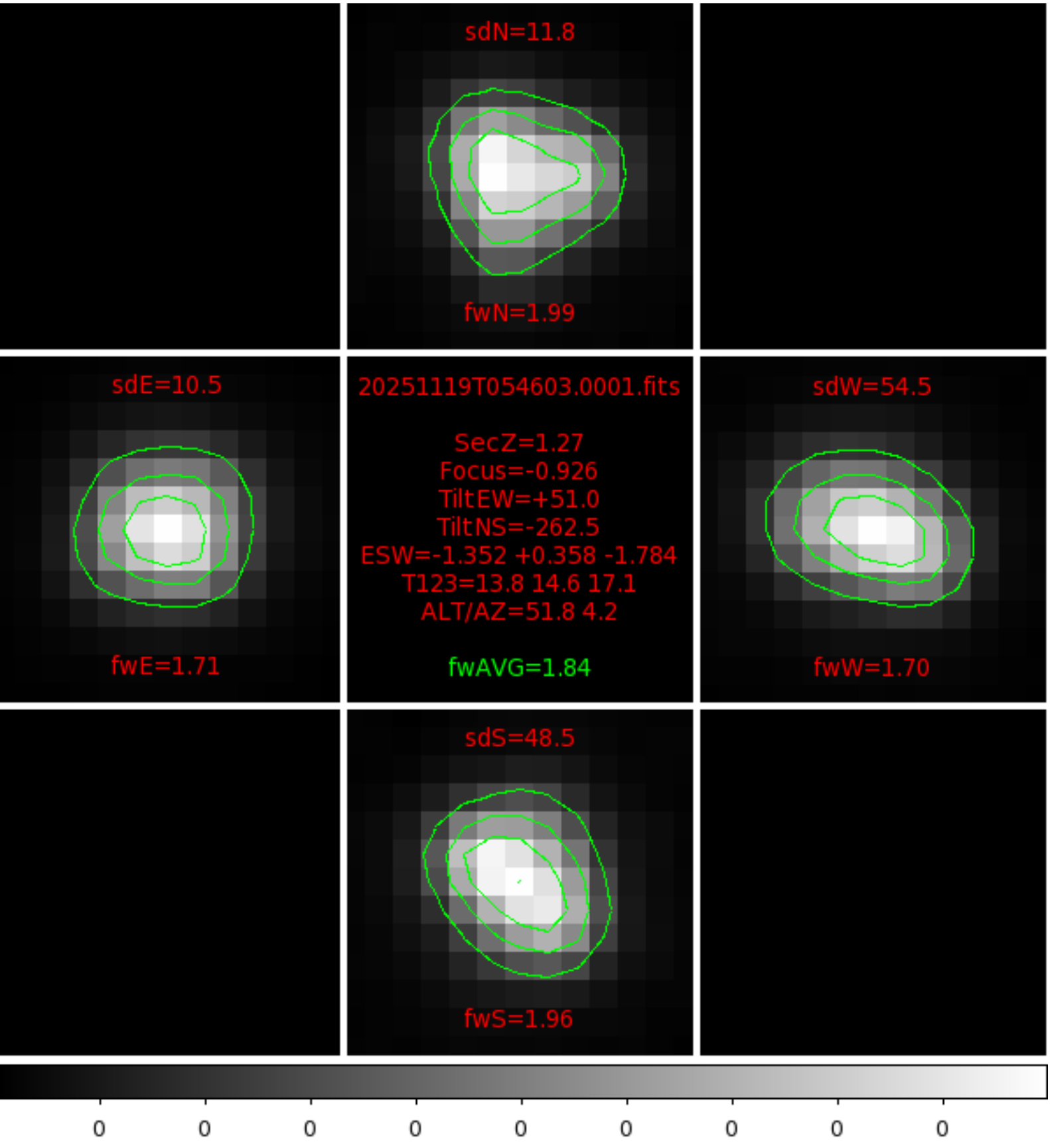
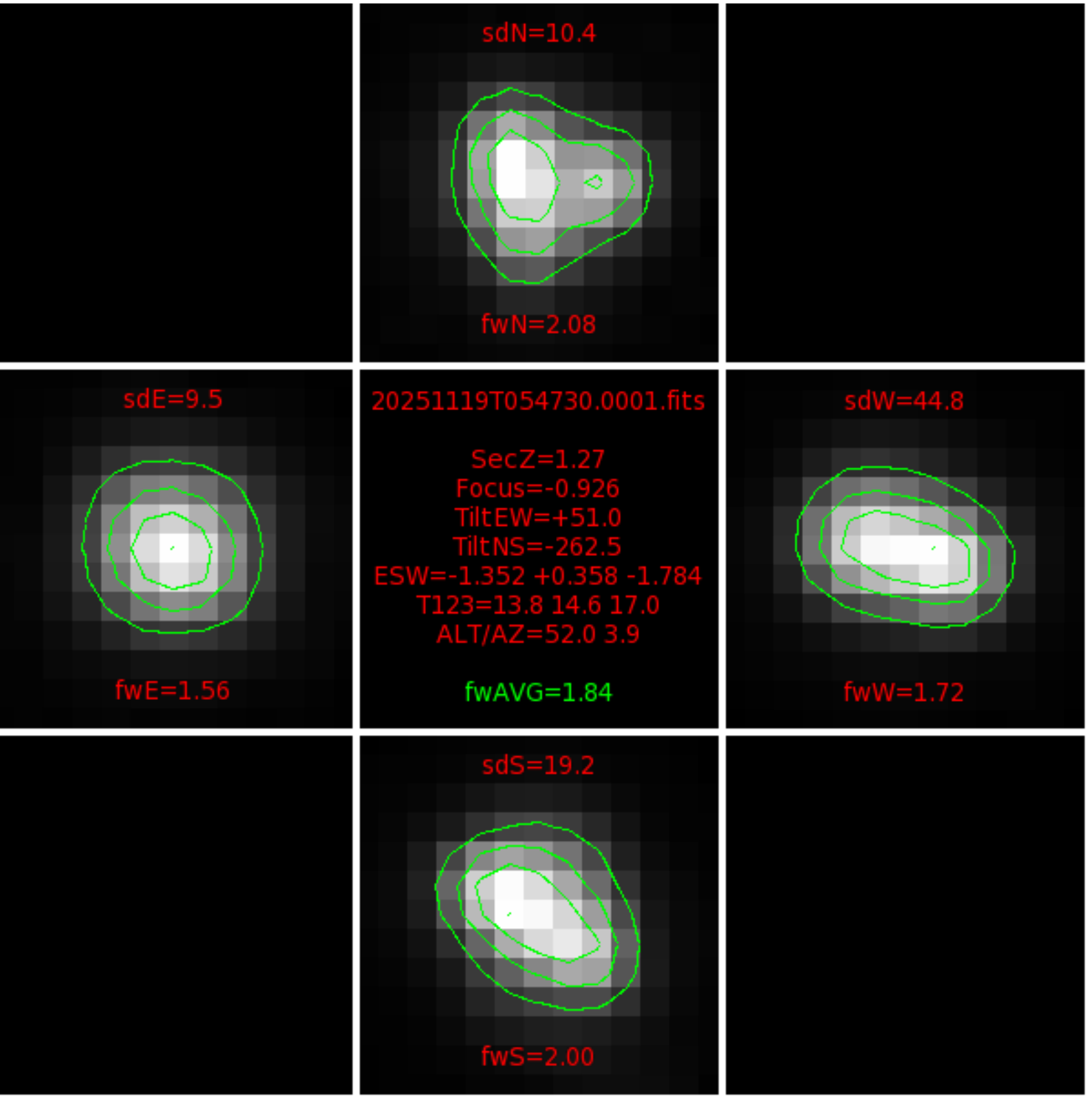

sdN=11.8
fwN=1.99
sdE=10.5
fwE=1.71
20251119T054603.0001.fits
SecZ=1.27
Focus=-0.926
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.352 +0.358 -1.784
T123=13.8 14.6 17.1
ALT/AZ=51.8 4.2
fwAVG=1.84
sdW=54.5
fwW=1.70
sdS=48.5
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=10.4
fwN=2.08
sdE=9.5
fwE=1.56
20251119T054730.0001.fits
SecZ=1.27
Focus=-0.926
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.352 +0.358 -1.784
T123=13.8 14.6 17.0
ALT/AZ=52.0 3.9
fwAVG=1.84
sdW=44.8
fwW=1.72
sdS=19.2
fwS=2.00
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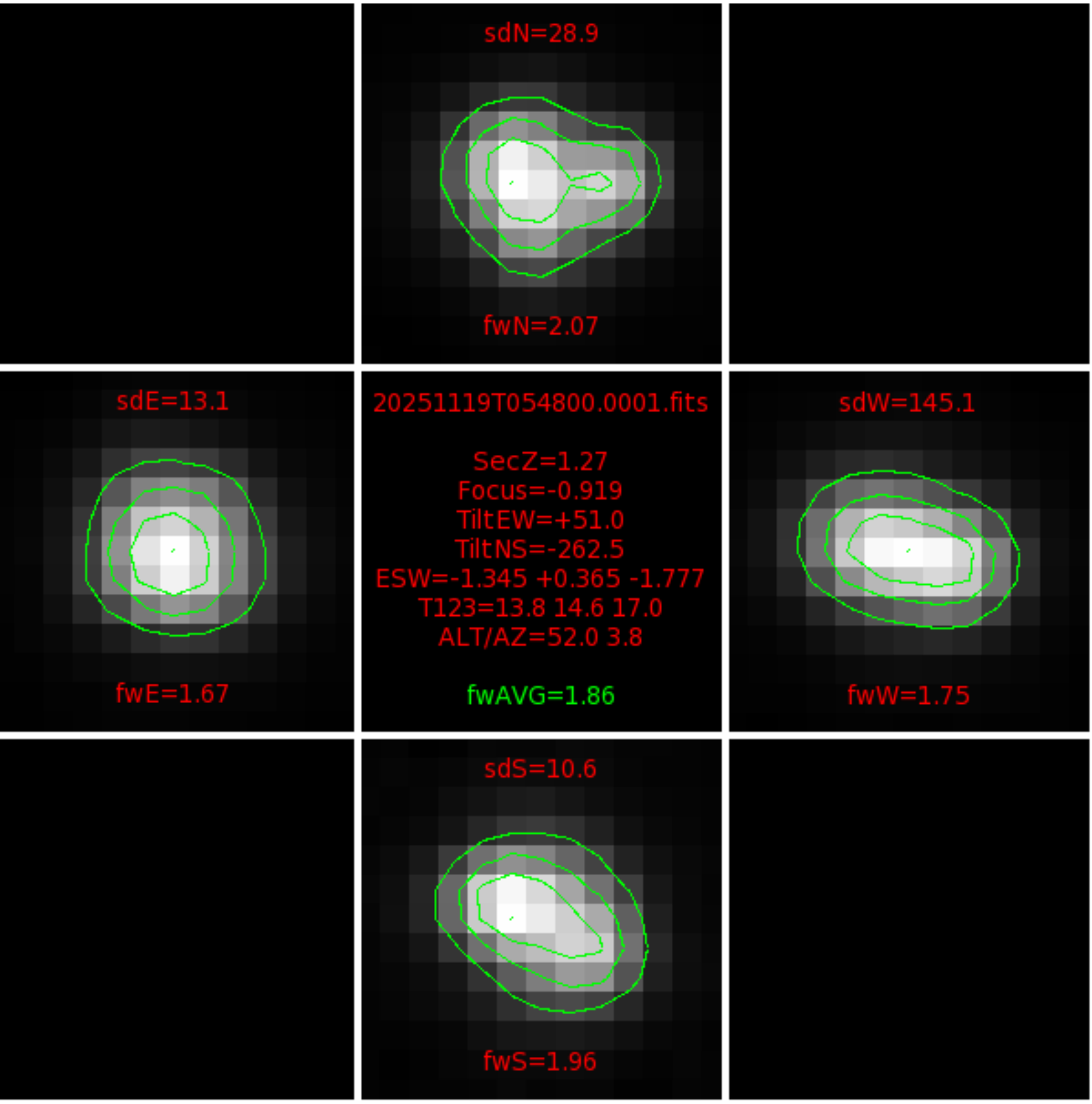
sdN=28.9
fwN=2.07
sdE=13.1
fwE=1.67
20251119T054800.0001.fits
SecZ=1.27
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.8 14.6 17.0
ALT/AZ=52.0 3.8
fwAVG=1.86
sdW=145.1
fwW=1.75
sdS=10.6
fwS=1.96
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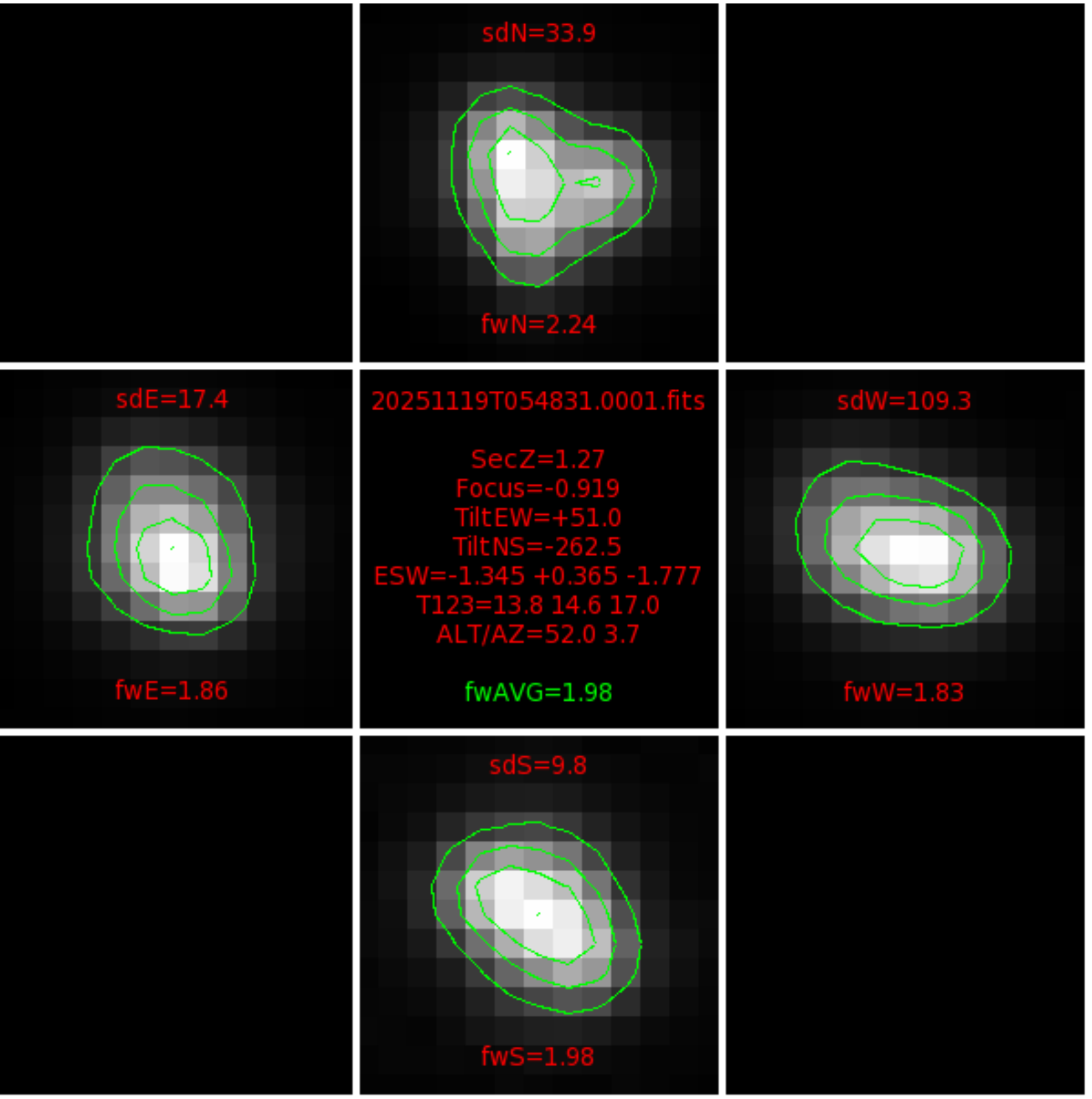
sdN=33.9
fwN=2.24
sdE=17.4
fwE=1.86
20251119T054831.0001.fits
SecZ=1.27
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.8 14.6 17.0
ALT/AZ=52.0 3.7
fwAVG=1.98
sdW=109.3
fwW=1.83
sdS=9.8
fwS=1.98
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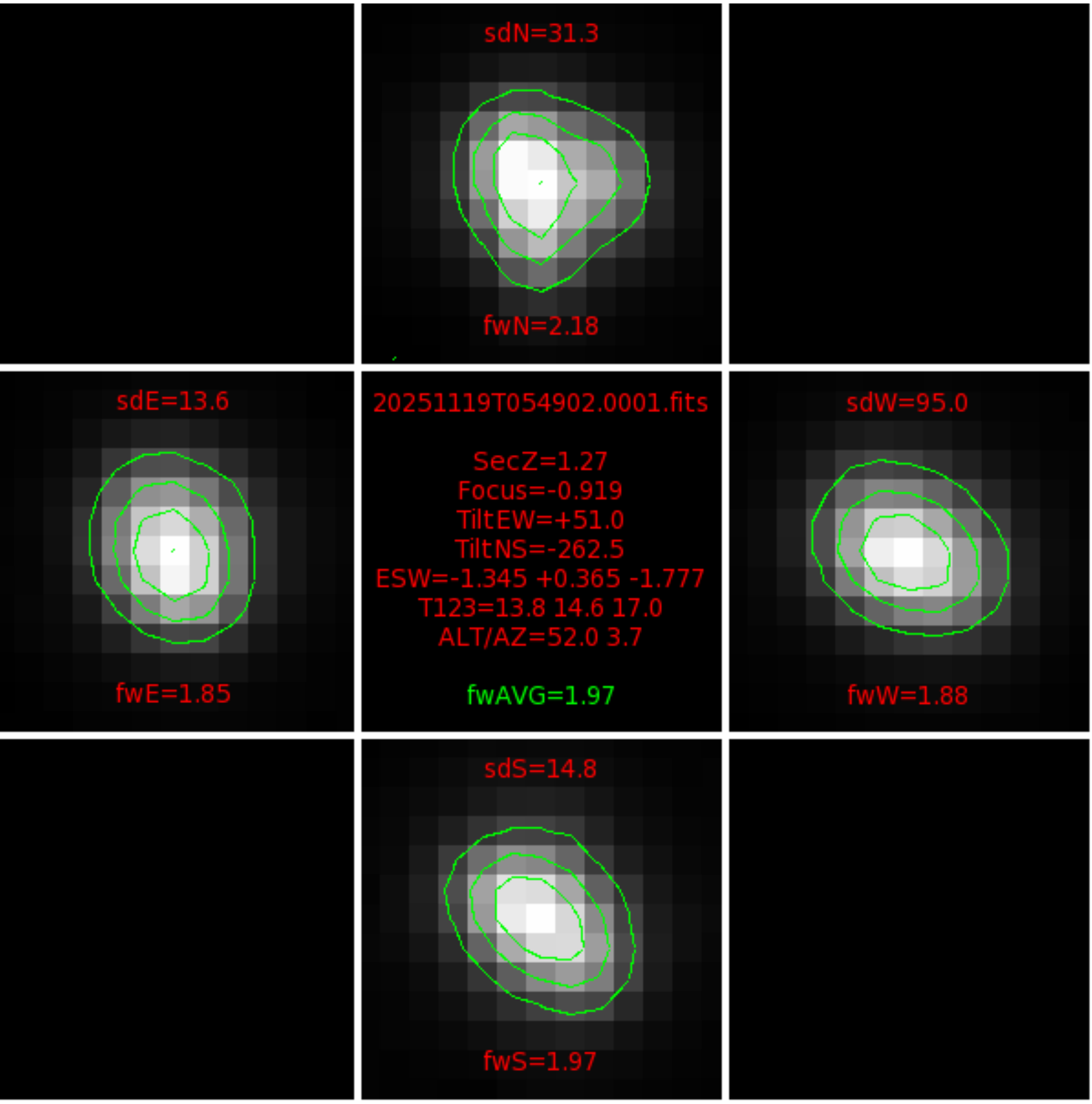
sdN=31.3
fwN=2.18
sdE=13.6
fwE=1.85
20251119T054902.0001.fits
SecZ=1.27
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.8 14.6 17.0
ALT/AZ=52.0 3.7
fwAVG=1.97
sdW=95.0
fwW=1.88
sdS=14.8
fwS=1.97
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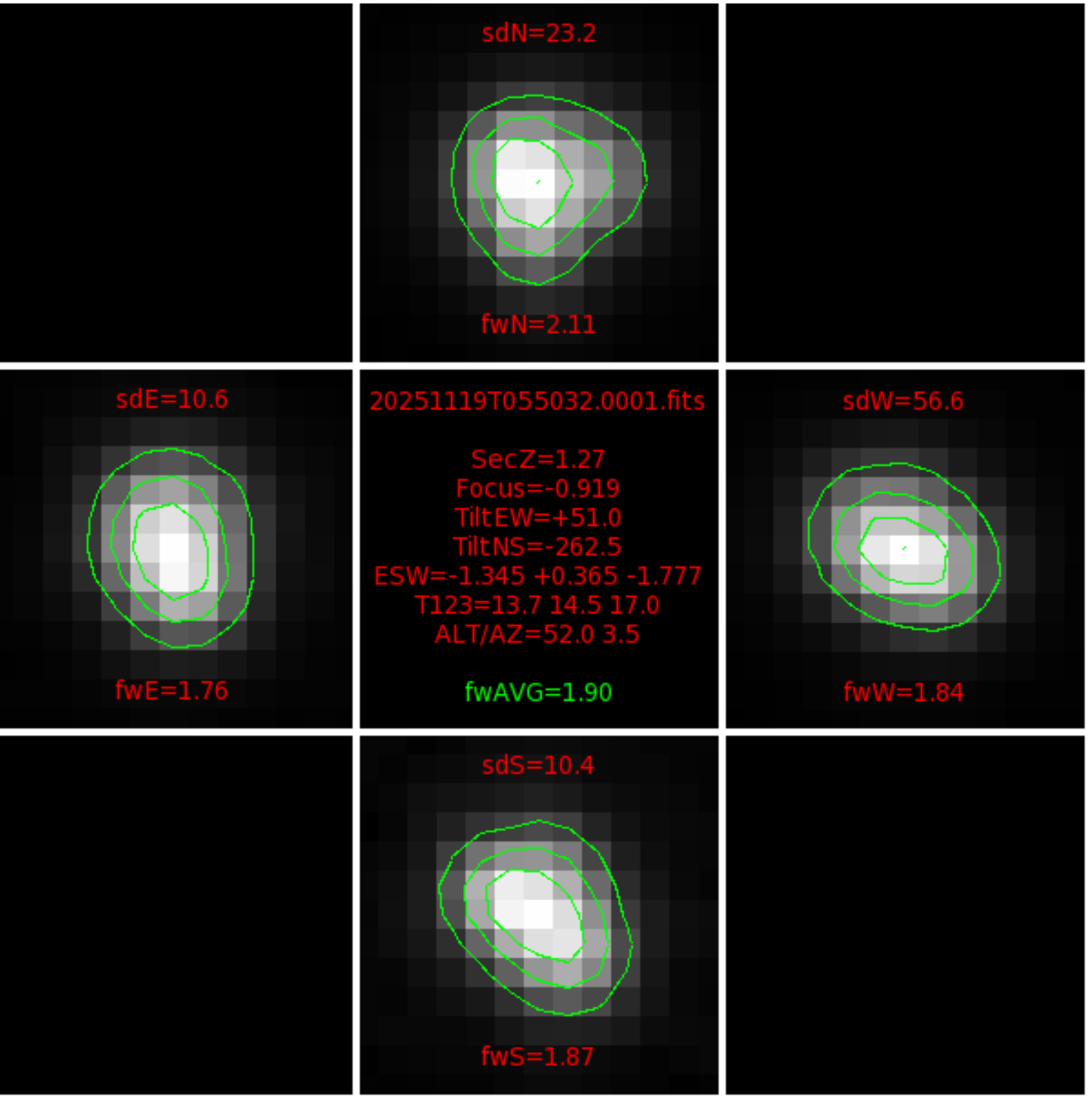
sdN=23.2
fwN=2.11
sdE=10.6
fwE=1.76
20251119T055032.0001.fits
SecZ=1.27
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.7 14.5 17.0
ALT/AZ=52.0 3.5
fwAVG=1.90
sdW=56.6
fwW=1.84
sdS=10.4
fwS=1.87
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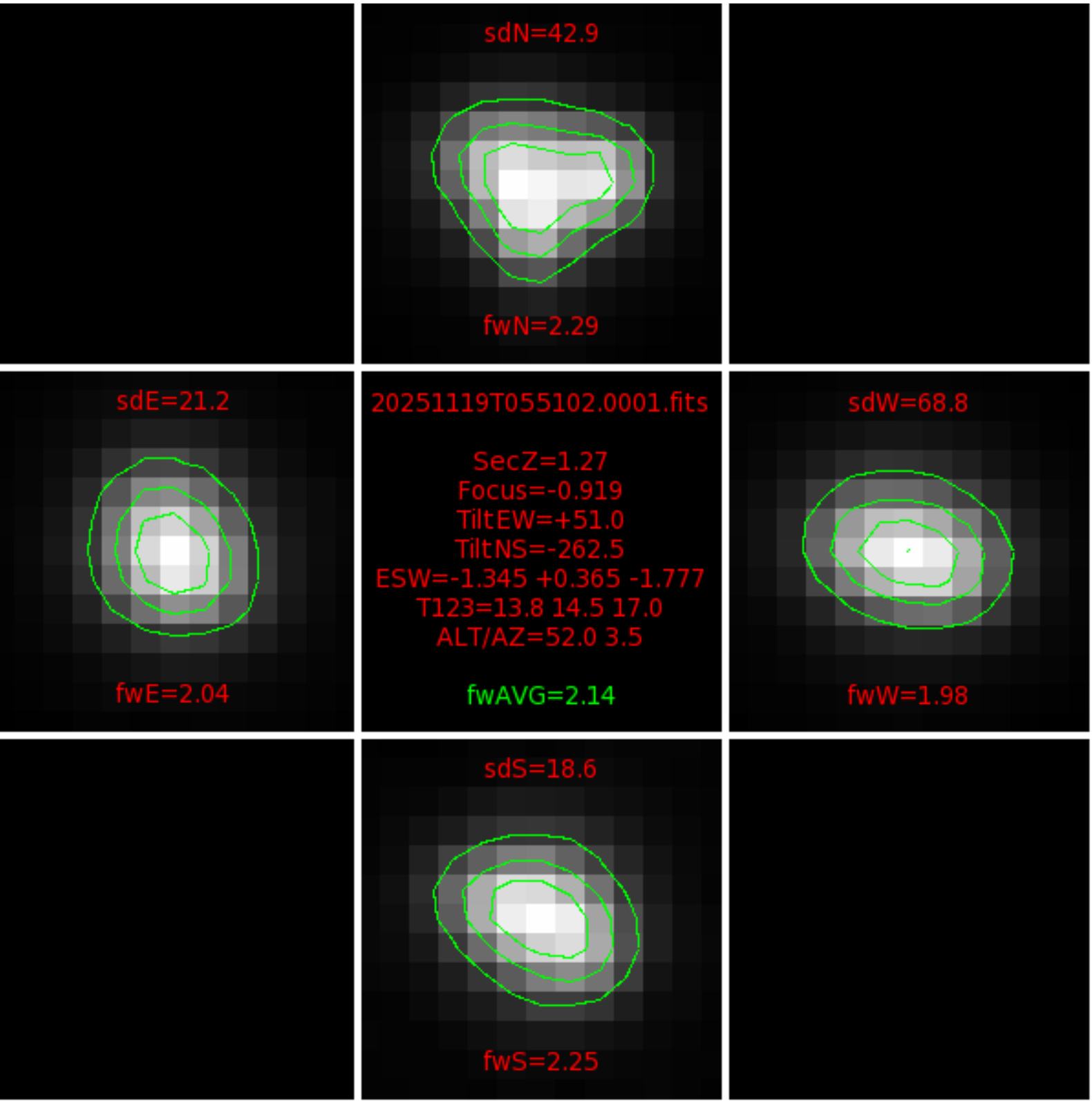
sdN=42.9
fwN=2.29
sdE=21.2
fwE=2.04
20251119T055102.0001.fits
SecZ=1.27
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.8 14.5 17.0
ALT/AZ=52.0 3.5
fwAVG=2.14
sdW=68.8
fwW=1.98
sdS=18.6
fwS=2.25
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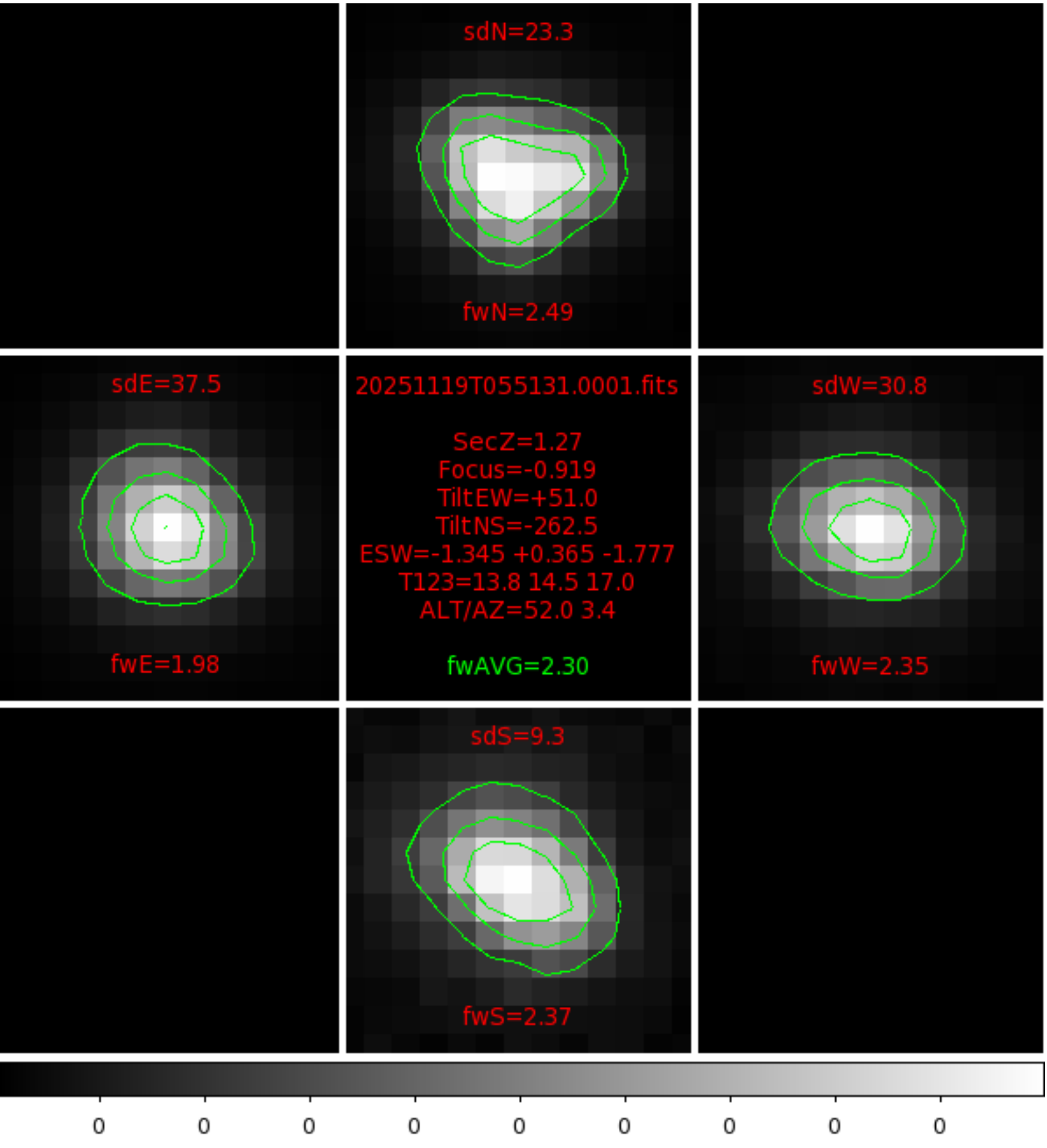
sdN=23.3
fwN=2.49
sdE=37.5
fwE=1.98
20251119T055131.0001.fits
SecZ=1.27
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.8 14.5 17.0
ALT/AZ=52.0 3.4
fwAVG=2.30
sdW=30.8
fwW=2.35
sdS=9.3
fwS=2.37
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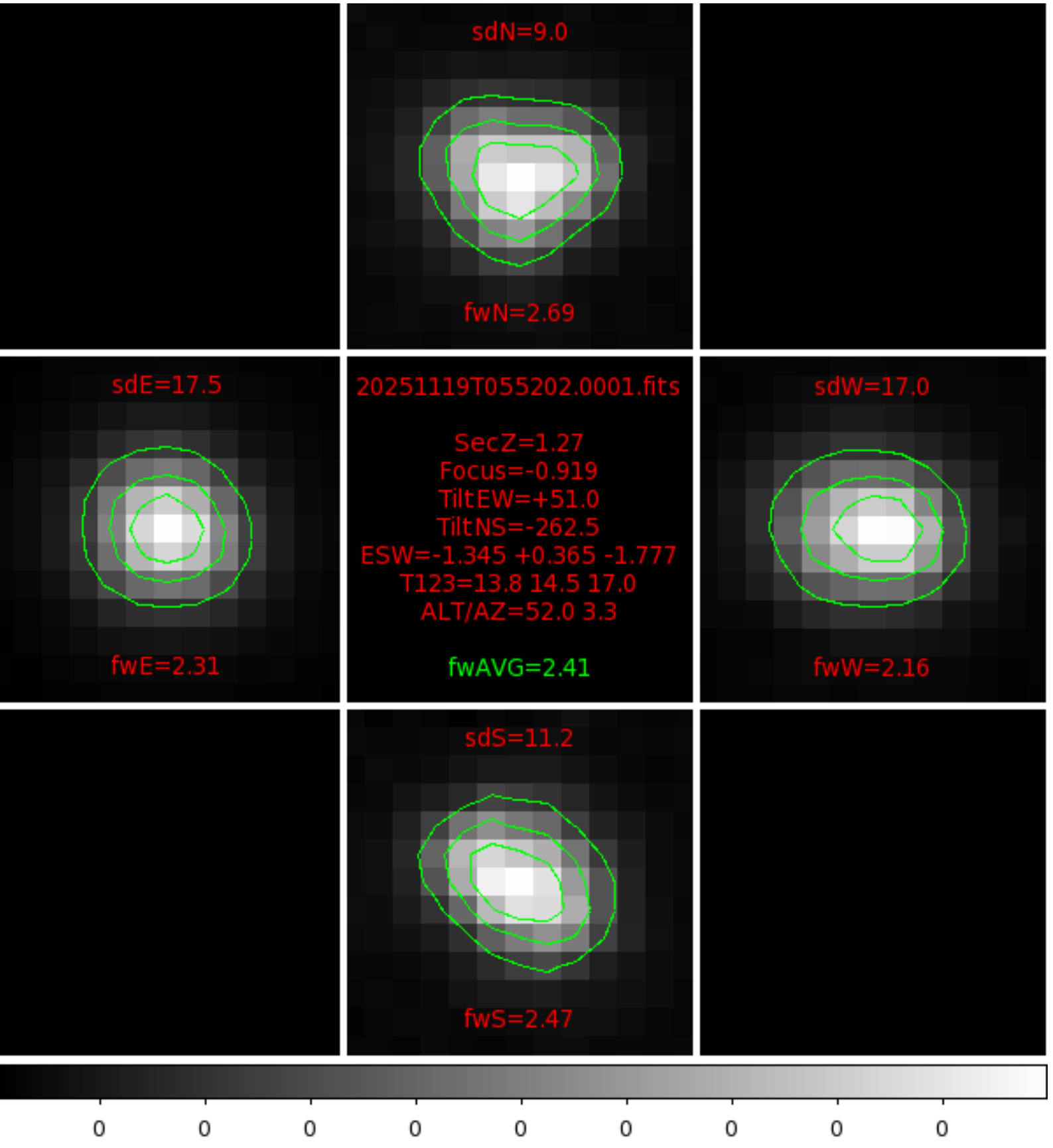
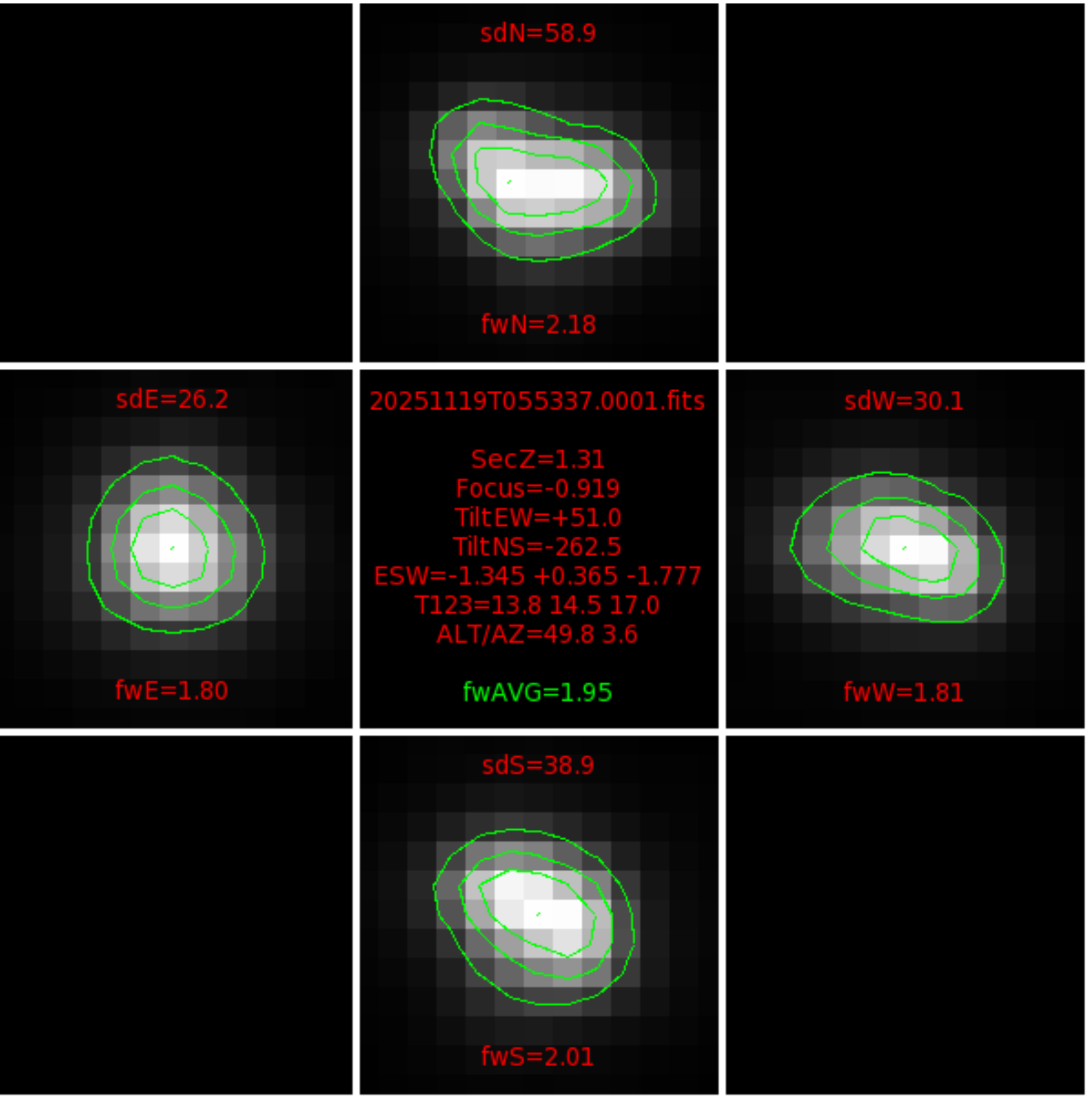
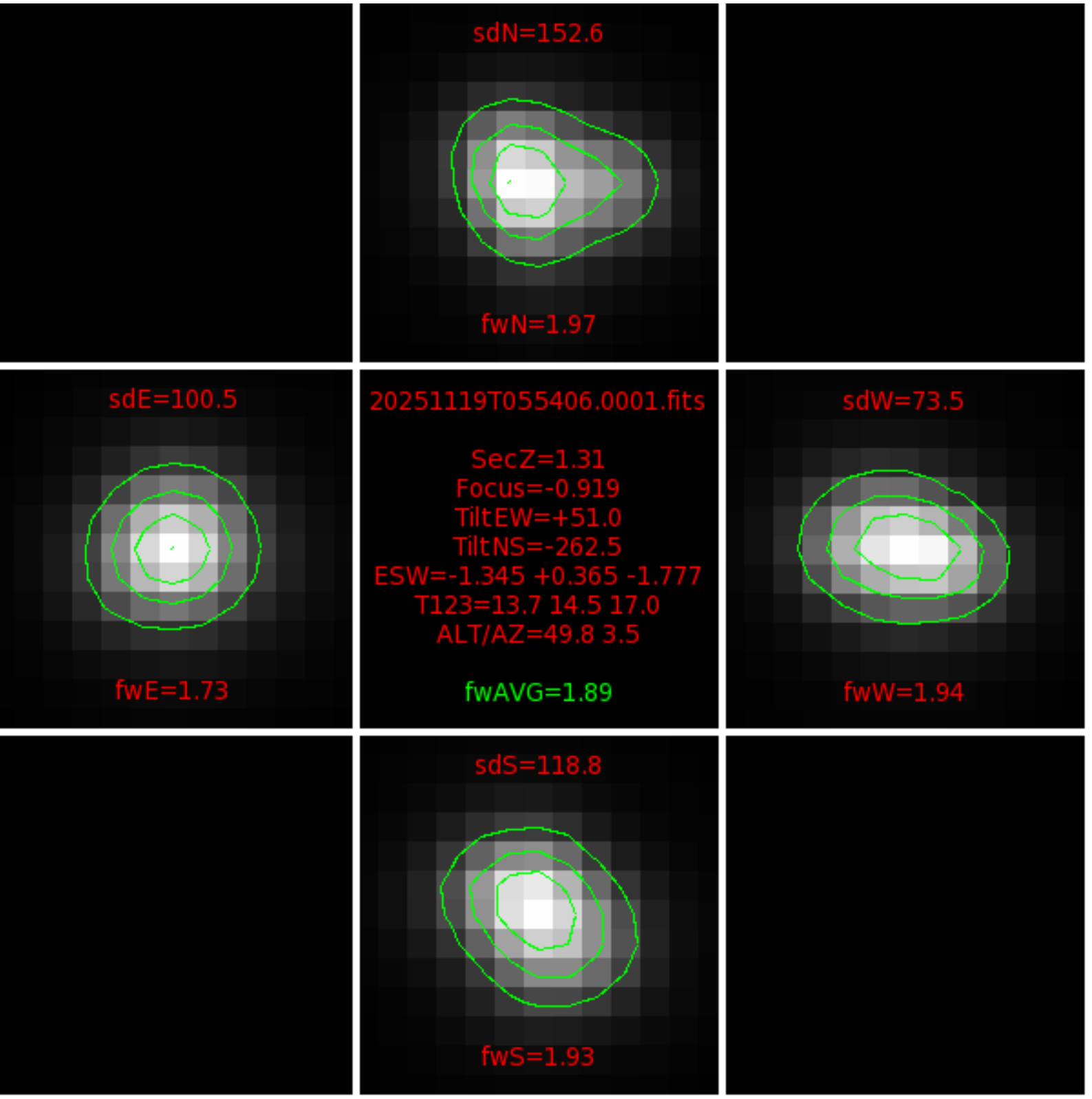

sdN=9.0
fwN=2.69
sdE=17.5
fwE=2.31
20251119T055202.0001.fits
SecZ=1.27
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.8 14.5 17.0
ALT/AZ=52.0 3.3
fwAVG=2.41
sdW=17.0
fwW=2.16
sdS=11.2
fwS=2.47
0 0 0 0 0 0 0 0 0


sdN=58.9
fwN=2.18
sdE=26.2
fwE=1.80
20251119T055337.0001.fits
SecZ=1.31
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.8 14.5 17.0
ALT/AZ=49.8 3.6
fwAVG=1.95
sdW=30.1
fwW=1.81
sdS=38.9
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=152.6
fwN=1.97
sdE=100.5
fwE=1.73
20251119T055406.0001.fits
SecZ=1.31
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.7 14.5 17.0
ALT/AZ=49.8 3.5
fwAVG=1.89
sdW=73.5
fwW=1.94
sdS=118.8
fwS=1.93
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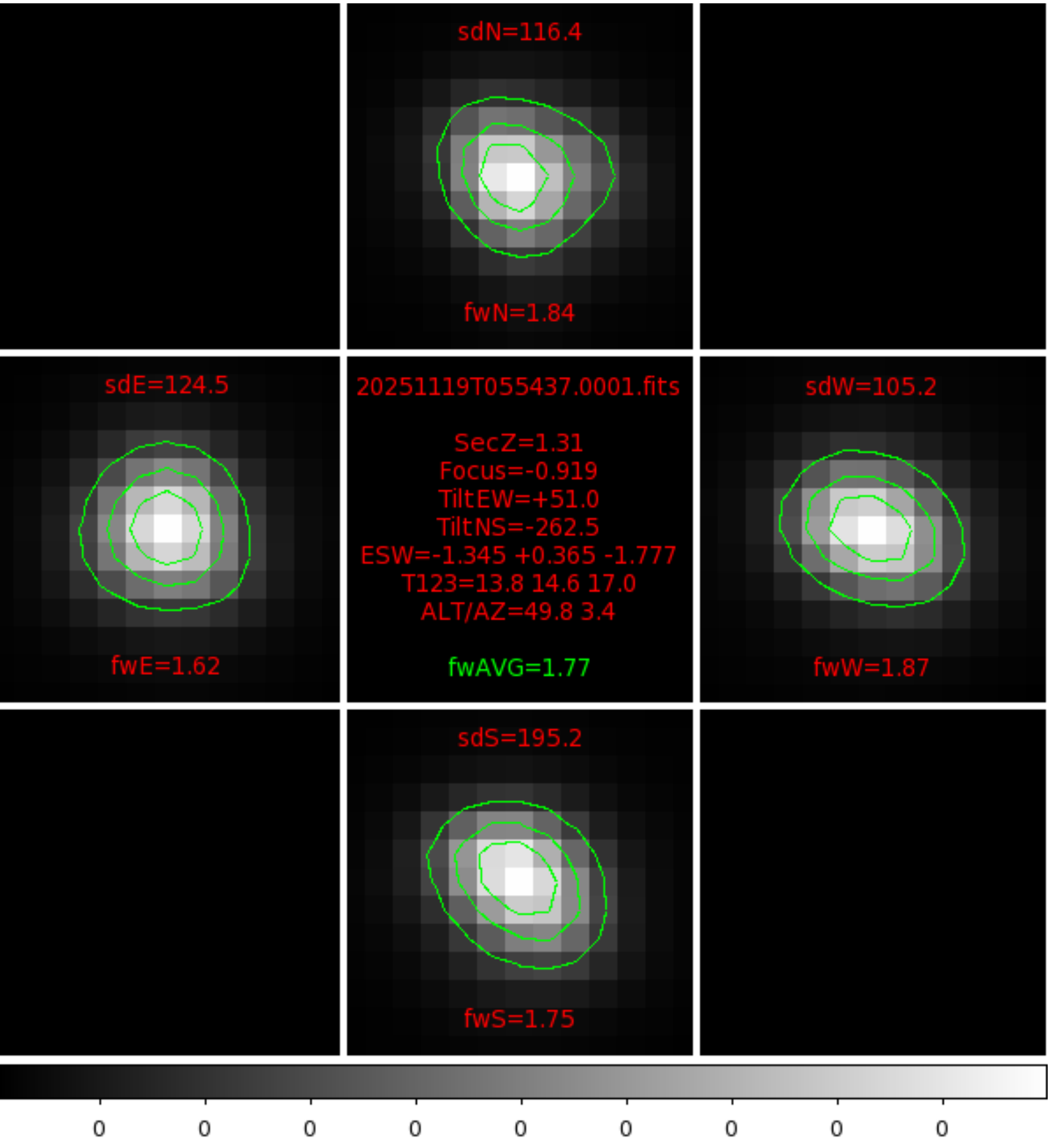
sdN=116.4
fwN=1.84
sdE=124.5
fwE=1.62
20251119T055437.0001.fits
SecZ=1.31
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.8 14.6 17.0
ALT/AZ=49.8 3.4
fwAVG=1.77
sdW=105.2
fwW=1.87
sdS=195.2
fwS=1.75
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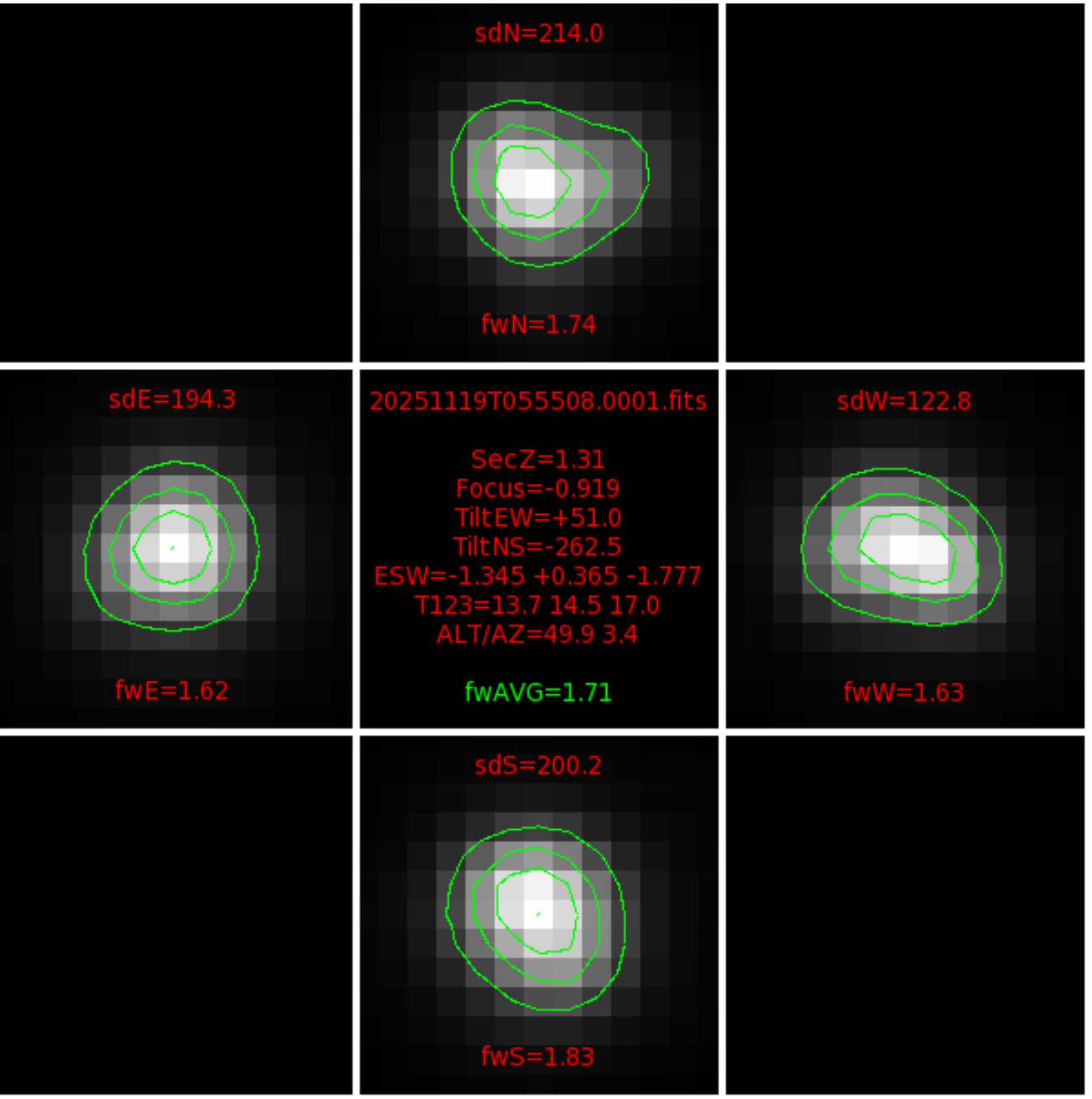
sdN=214.0
fwN=1.74
sdE=194.3
fwE=1.62
20251119T055508.0001.fits
SecZ=1.31
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.7 14.5 17.0
ALT/AZ=49.9 3.4
fwAVG=1.71
sdW=122.8
fwW=1.63
sdS=200.2
fwS=1.83
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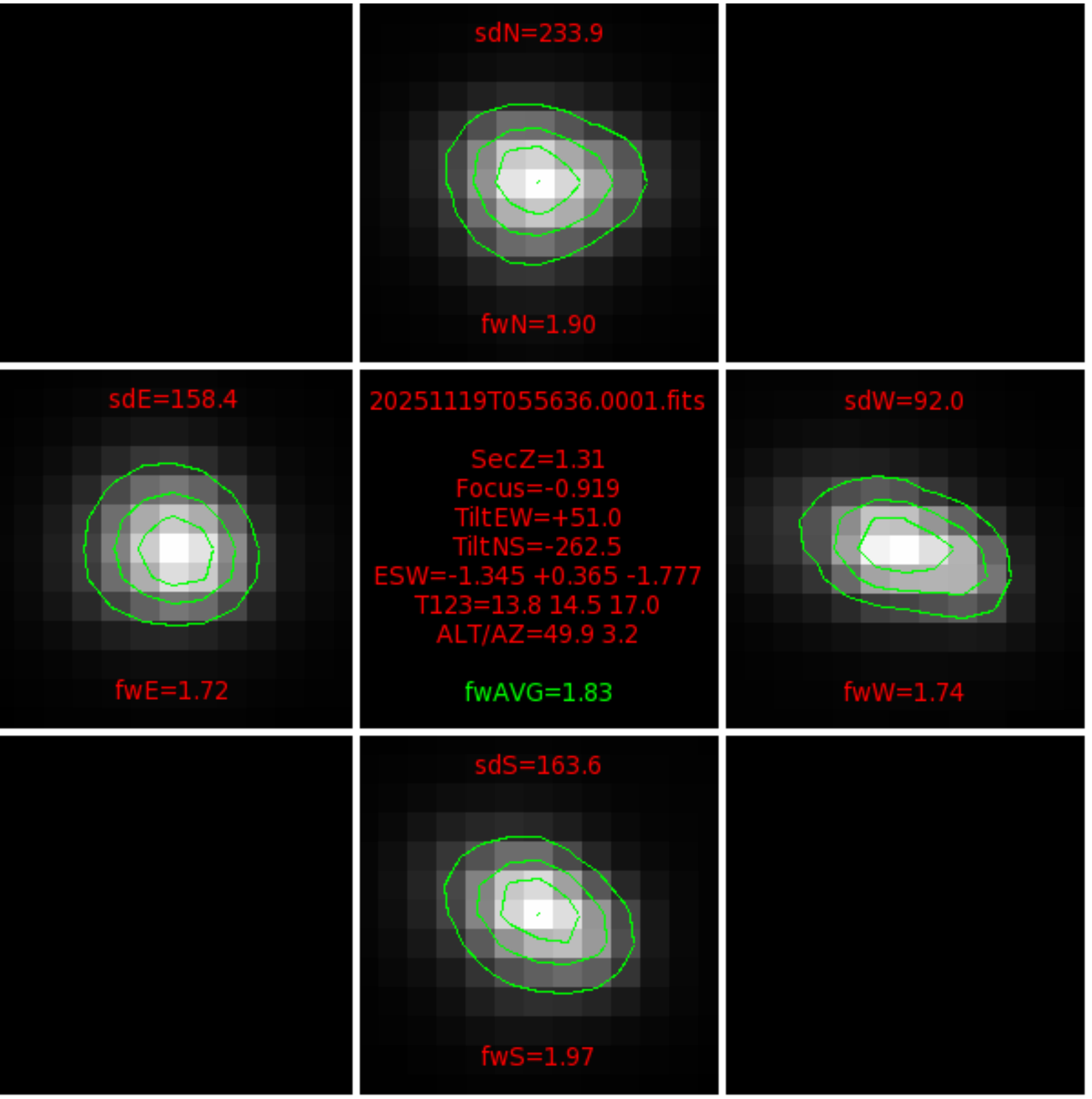
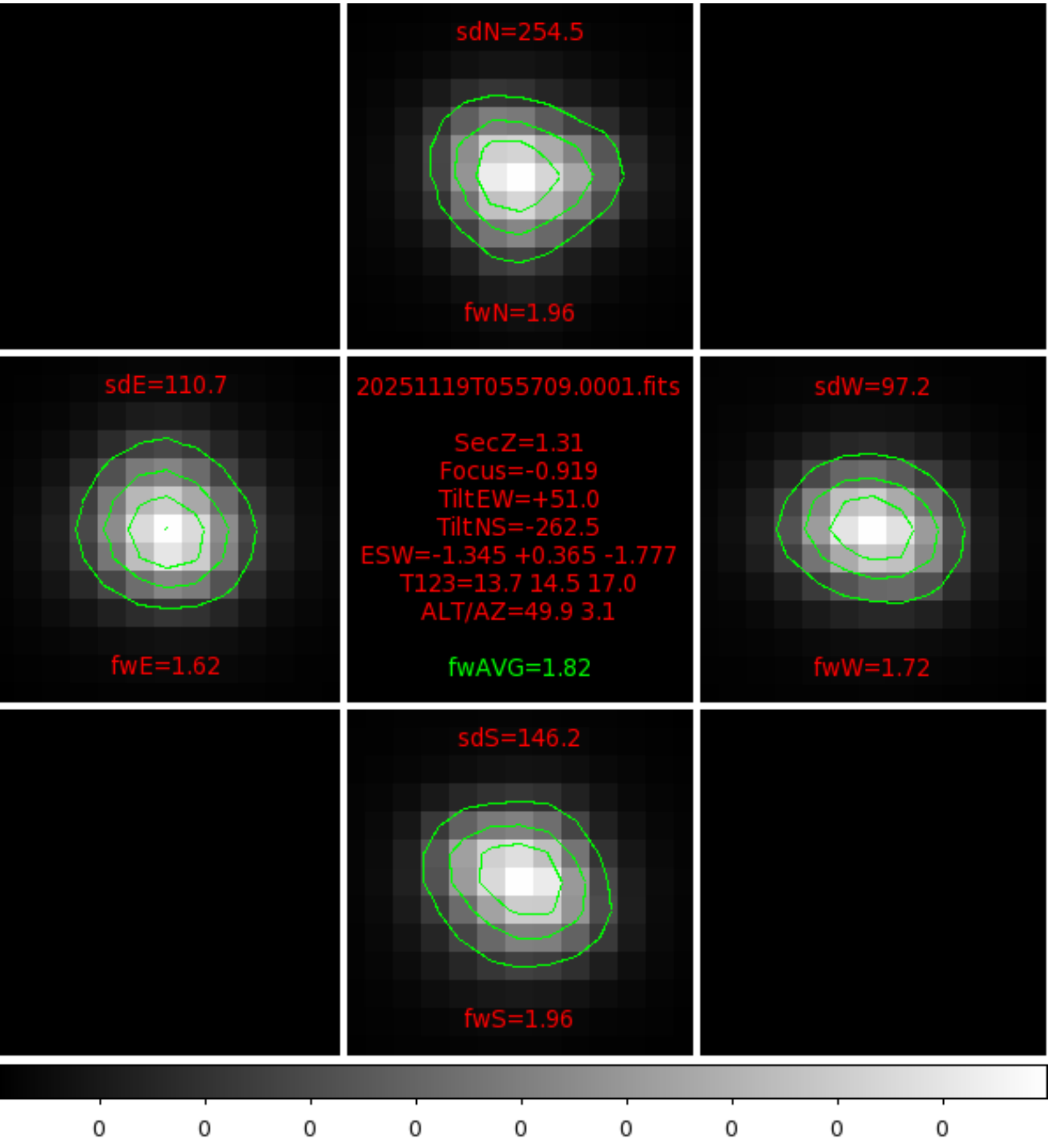

sdN=233.9
fwN=1.90
sdE=158.4
fwE=1.72
20251119T055636.0001.fits
SecZ=1.31
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.8 14.5 17.0
ALT/AZ=49.9 3.2
fwAVG=1.83
sdW=92.0
fwW=1.74
sdS=163.6
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=254.5
fwN=1.96
sdE=110.7
fwE=1.62
20251119T055709.0001.fits
SecZ=1.31
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.7 14.5 17.0
ALT/AZ=49.9 3.1
fwAVG=1.82
sdW=97.2
fwW=1.72
sdS=146.2
fwS=1.96
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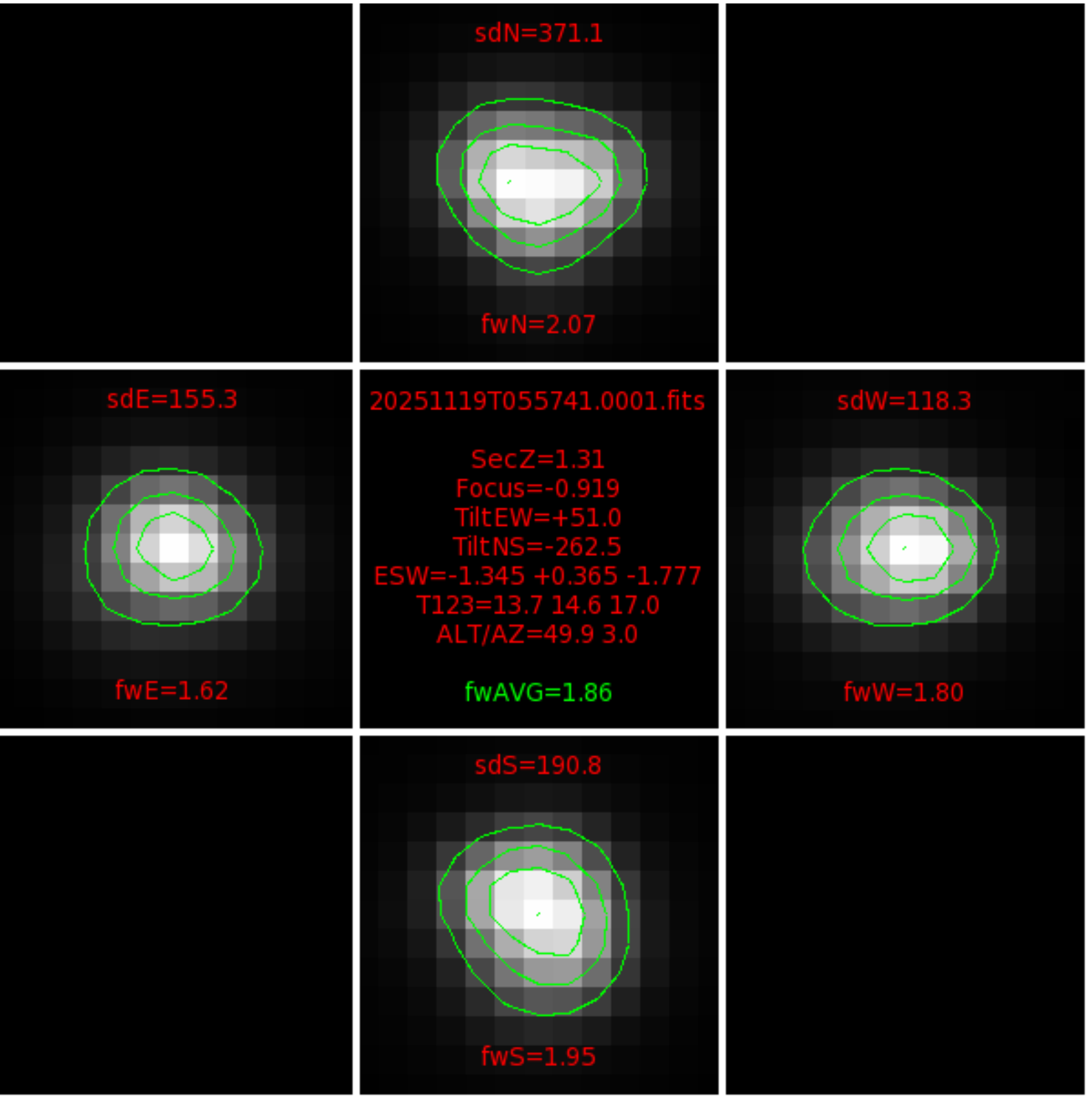
sdN=371.1
fwN=2.07
sdE=155.3
fwE=1.62
20251119T055741.0001.fits
SecZ=1.31
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.7 14.6 17.0
ALT/AZ=49.9 3.0
fwAVG=1.86
sdW=118.3
fwW=1.80
sdS=190.8
fwS=1.95
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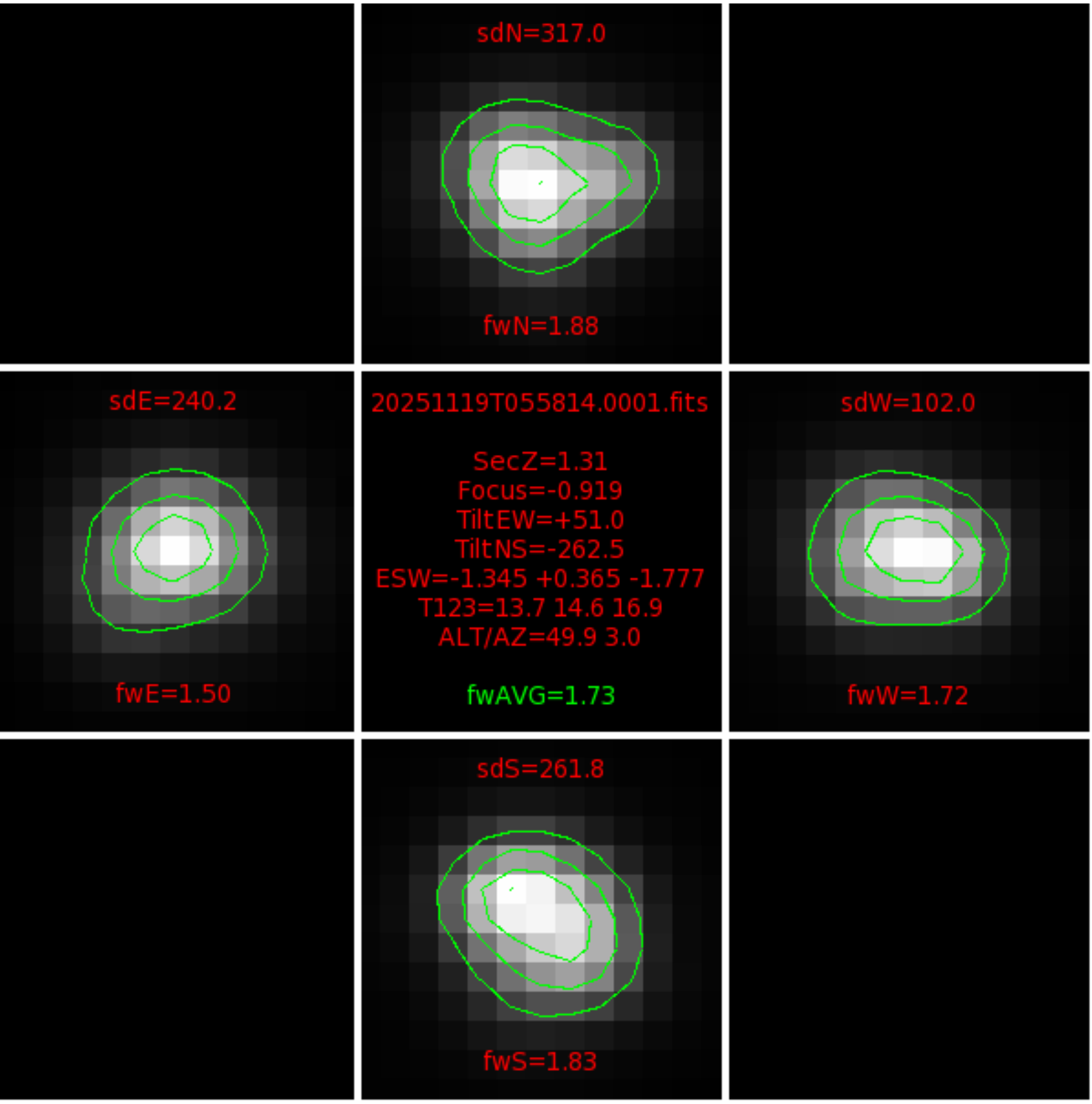
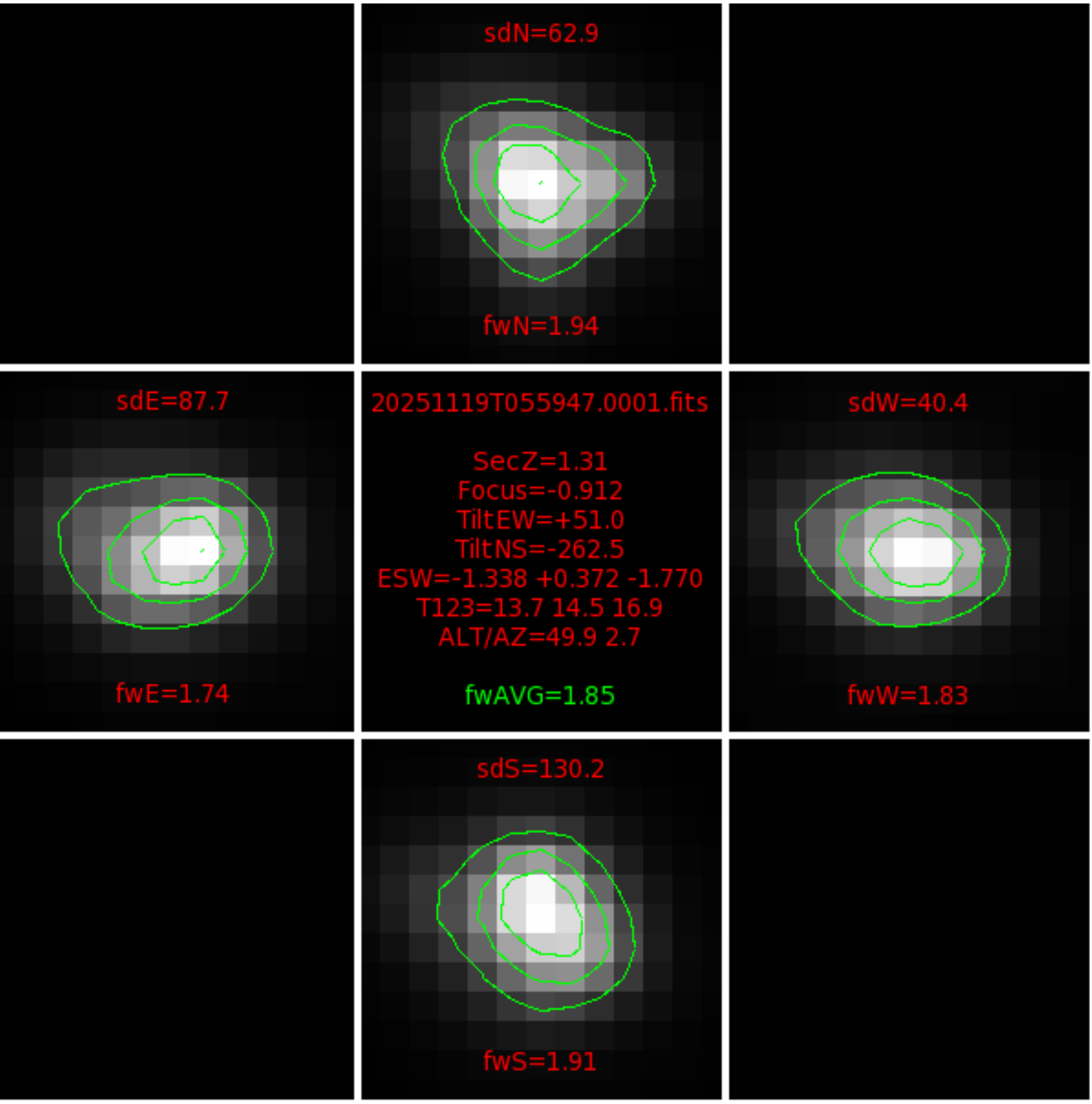

sdN=317.0
fwN=1.88
sdE=240.2
fwE=1.50
20251119T055814.0001.fits
SecZ=1.31
Focus=-0.919
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.345 +0.365 -1.777
T123=13.7 14.6 16.9
ALT/AZ=49.9 3.0
fwAVG=1.73
sdW=102.0
fwW=1.72
sdS=261.8
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=62.9
fwN=1.94
sdE=87.7
fwE=1.74
20251119T055947.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.7 14.5 16.9
ALT/AZ=49.9 2.7
fwAVG=1.85
sdW=40.4
fwW=1.83
sdS=130.2
fwS=1.91
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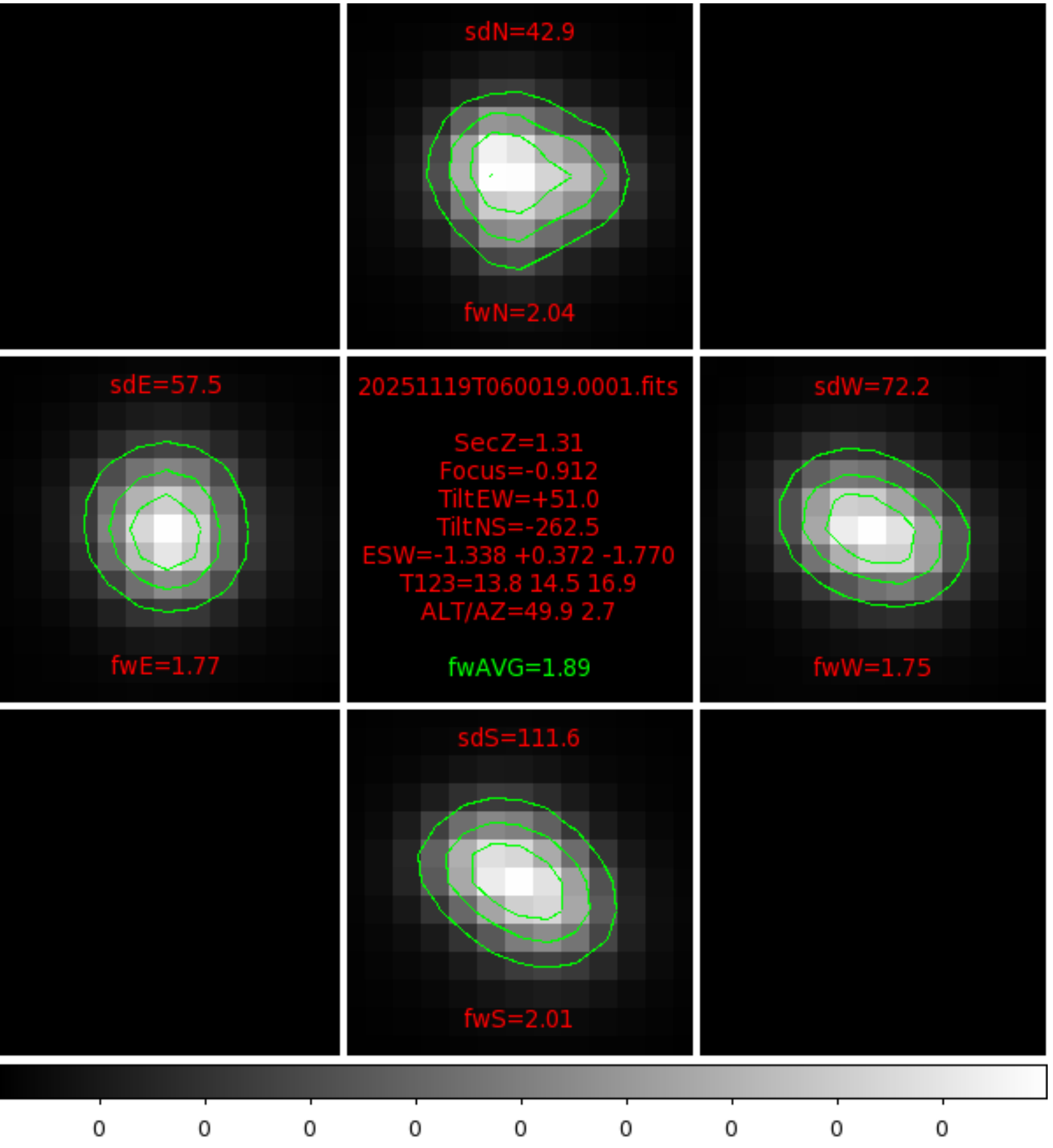
sdN=42.9
fwN=2.04
sdE=57.5
fwE=1.77
20251119T060019.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.8 14.5 16.9
ALT/AZ=49.9 2.7
fwAVG=1.89
sdW=72.2
fwW=1.75
sdS=111.6
fwS=2.01
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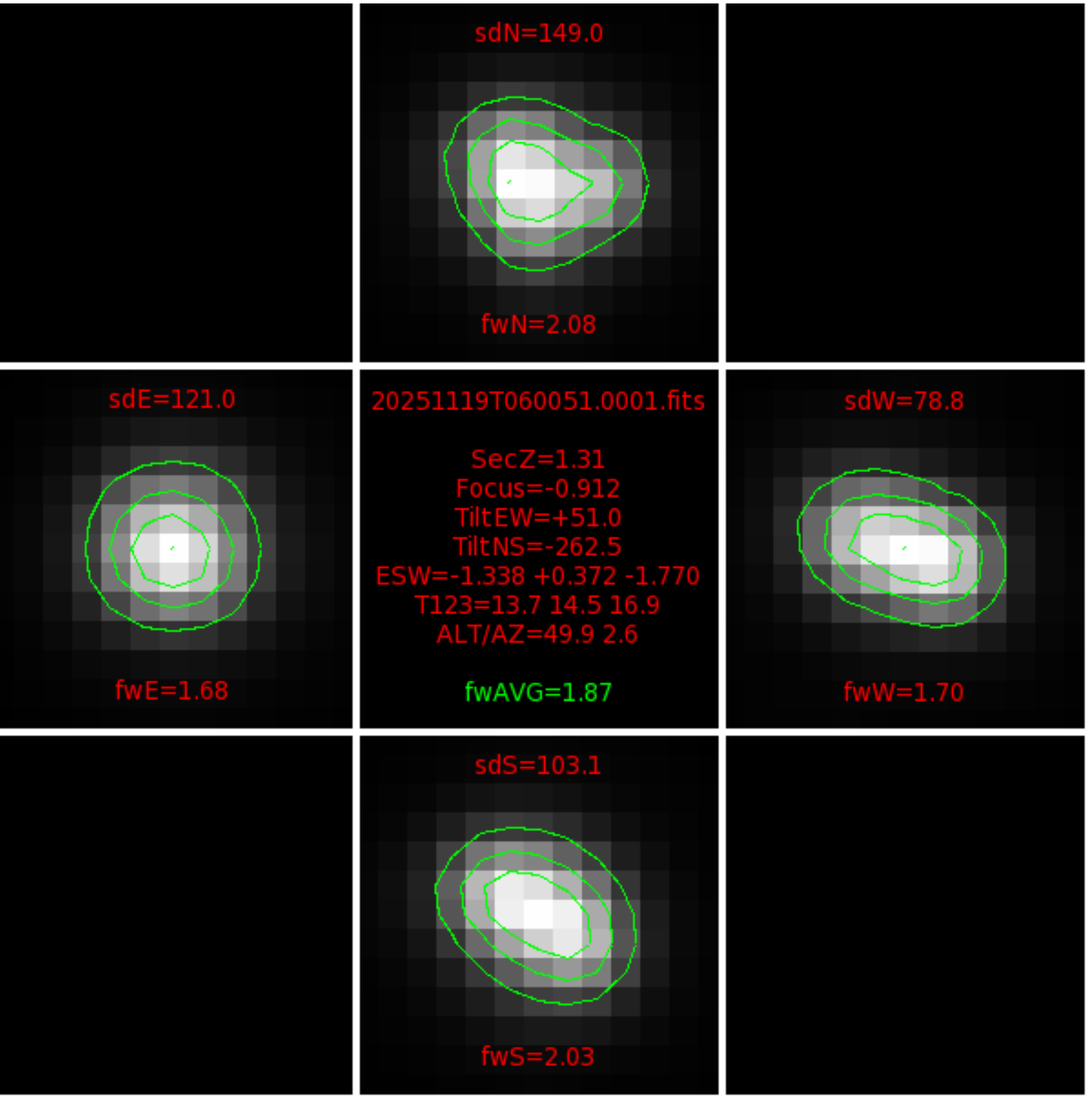
sdN=149.0
fwN=2.08
sdE=121.0
fwE=1.68
20251119T060051.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.7 14.5 16.9
ALT/AZ=49.9 2.6
fwAVG=1.87
sdW=78.8
fwW=1.70
sdS=103.1
fwS=2.03
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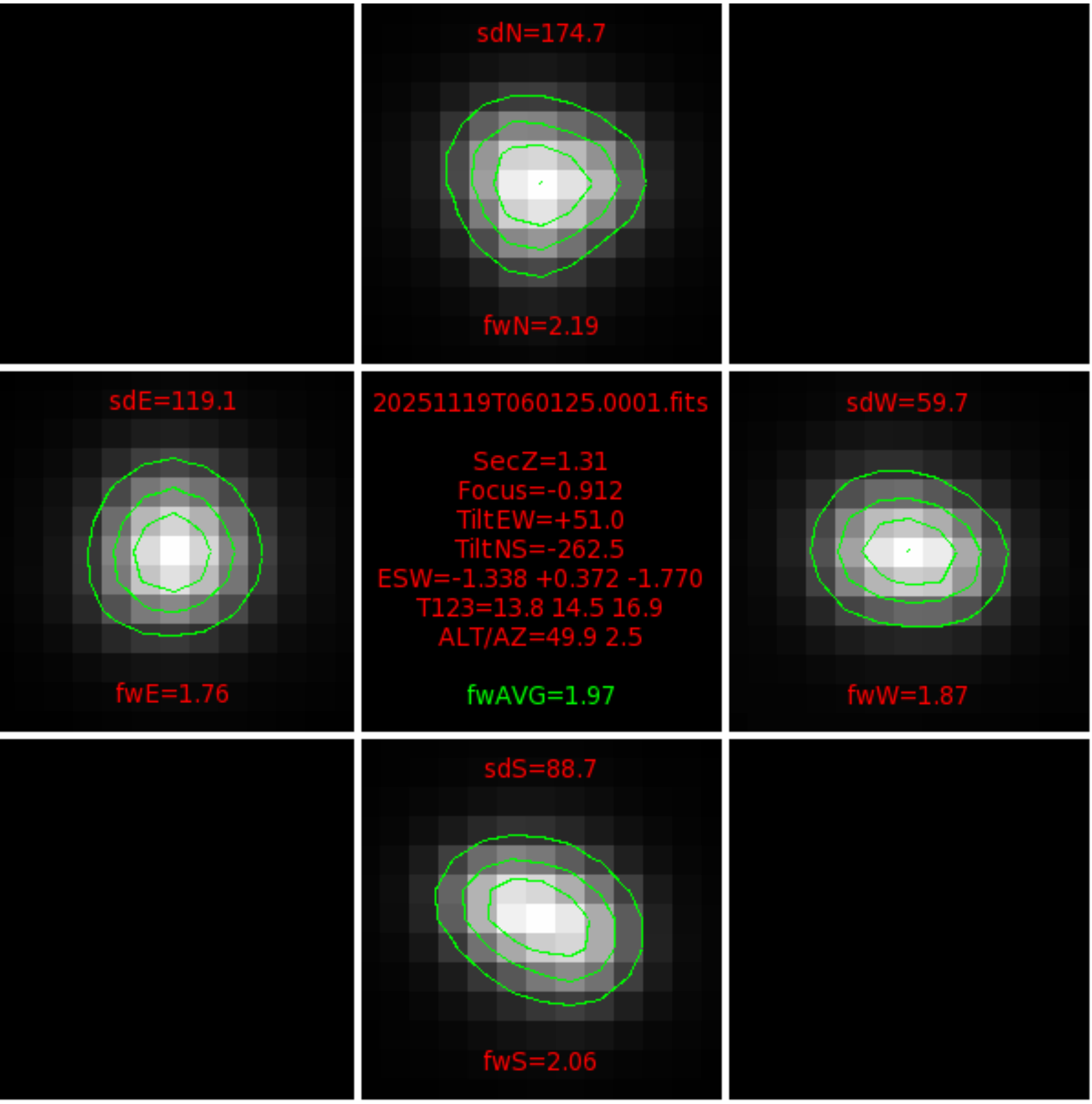
sdN=174.7
fwN=2.19
sdE=119.1
fwE=1.76
20251119T060125.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.8 14.5 16.9
ALT/AZ=49.9 2.5
fwAVG=1.97
sdW=59.7
fwW=1.87
sdS=88.7
fwS=2.06
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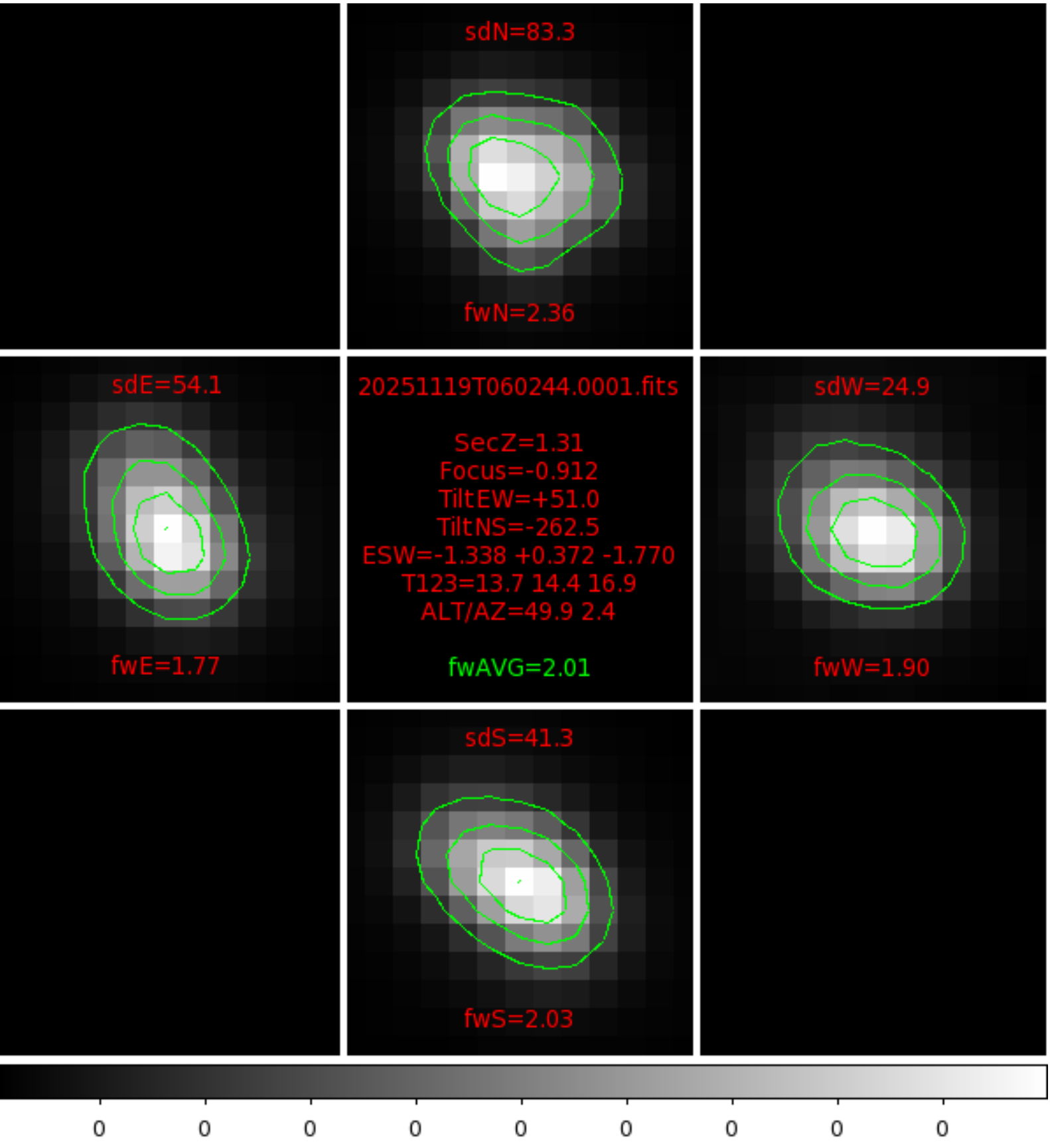
sdN=83.3
fwN=2.36
sdE=54.1
fwE=1.77
20251119T060244.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.7 14.4 16.9
ALT/AZ=49.9 2.4
fwAVG=2.01
sdW=24.9
fwW=1.90
sdS=41.3
fwS=2.03
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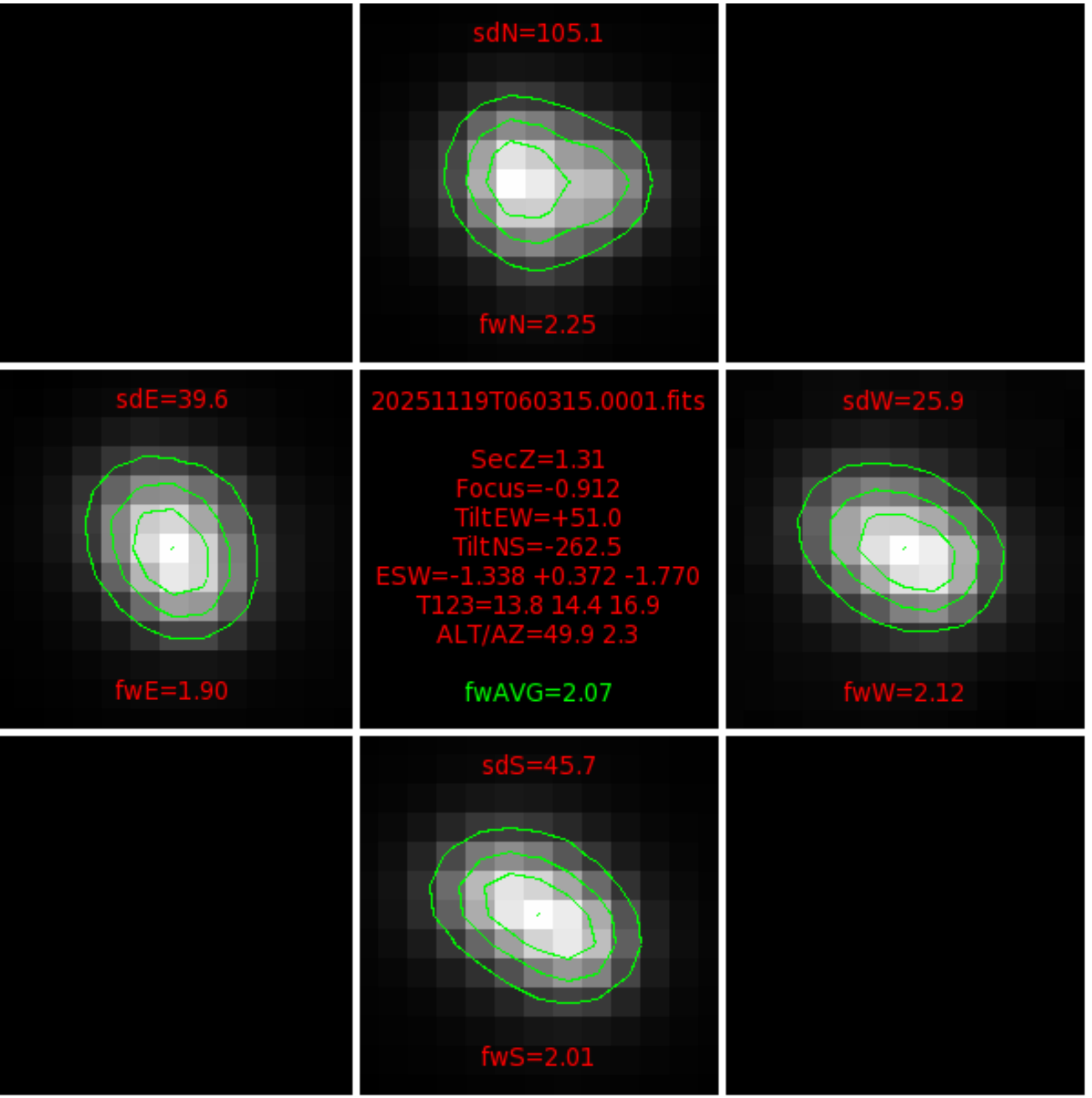
sdN=105.1
fwN=2.25
sdE=39.6
fwE=1.90
20251119T060315.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.8 14.4 16.9
ALT/AZ=49.9 2.3
fwAVG=2.07
sdW=25.9
fwW=2.12
sdS=45.7
fwS=2.01
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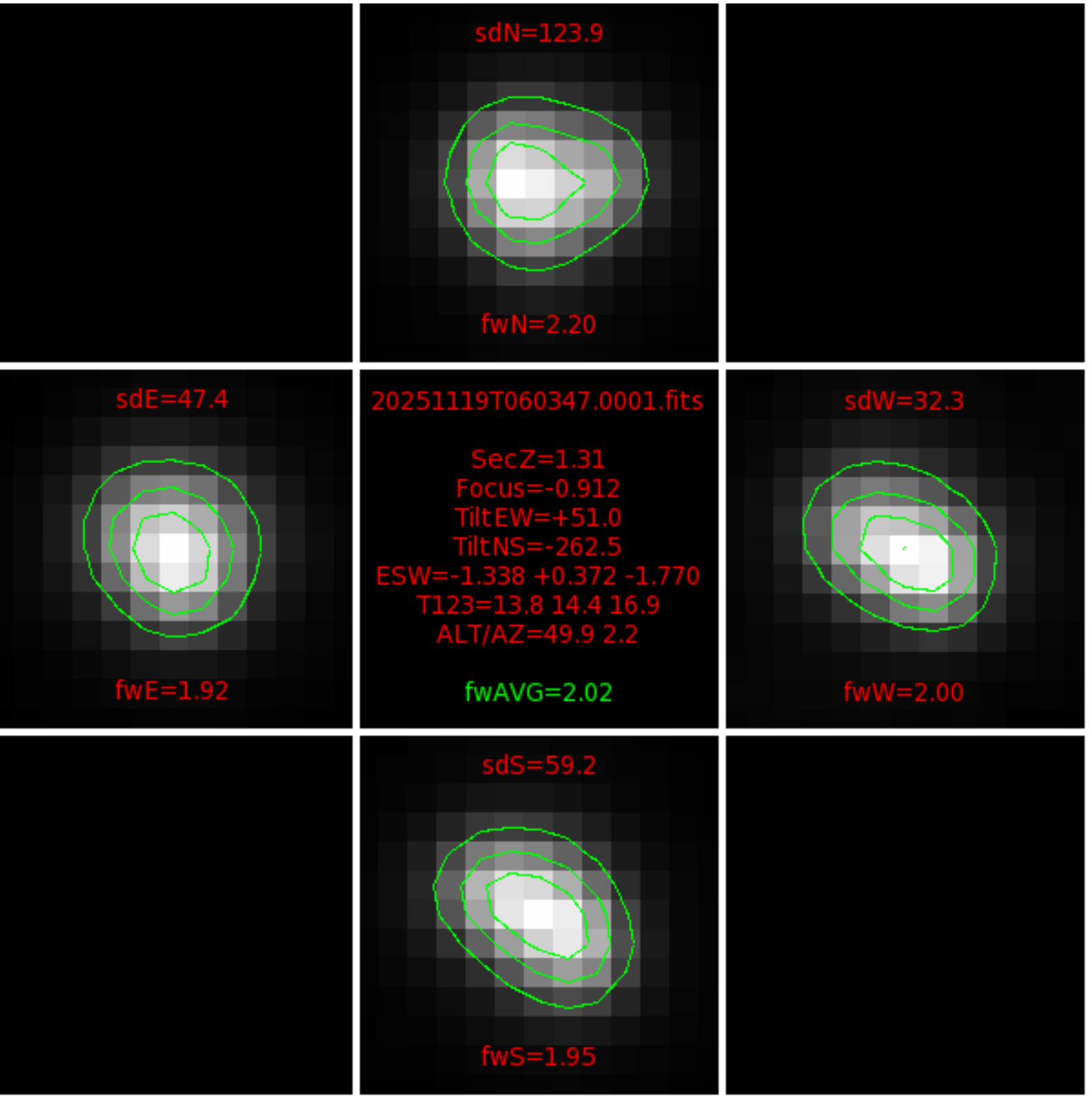
sdN=123.9
fwN=2.20
sdE=47.4
fwE=1.92
20251119T060347.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.8 14.4 16.9
ALT/AZ=49.9 2.2
fwAVG=2.02
sdW=32.3
fwW=2.00
sdS=59.2
fwS=1.95
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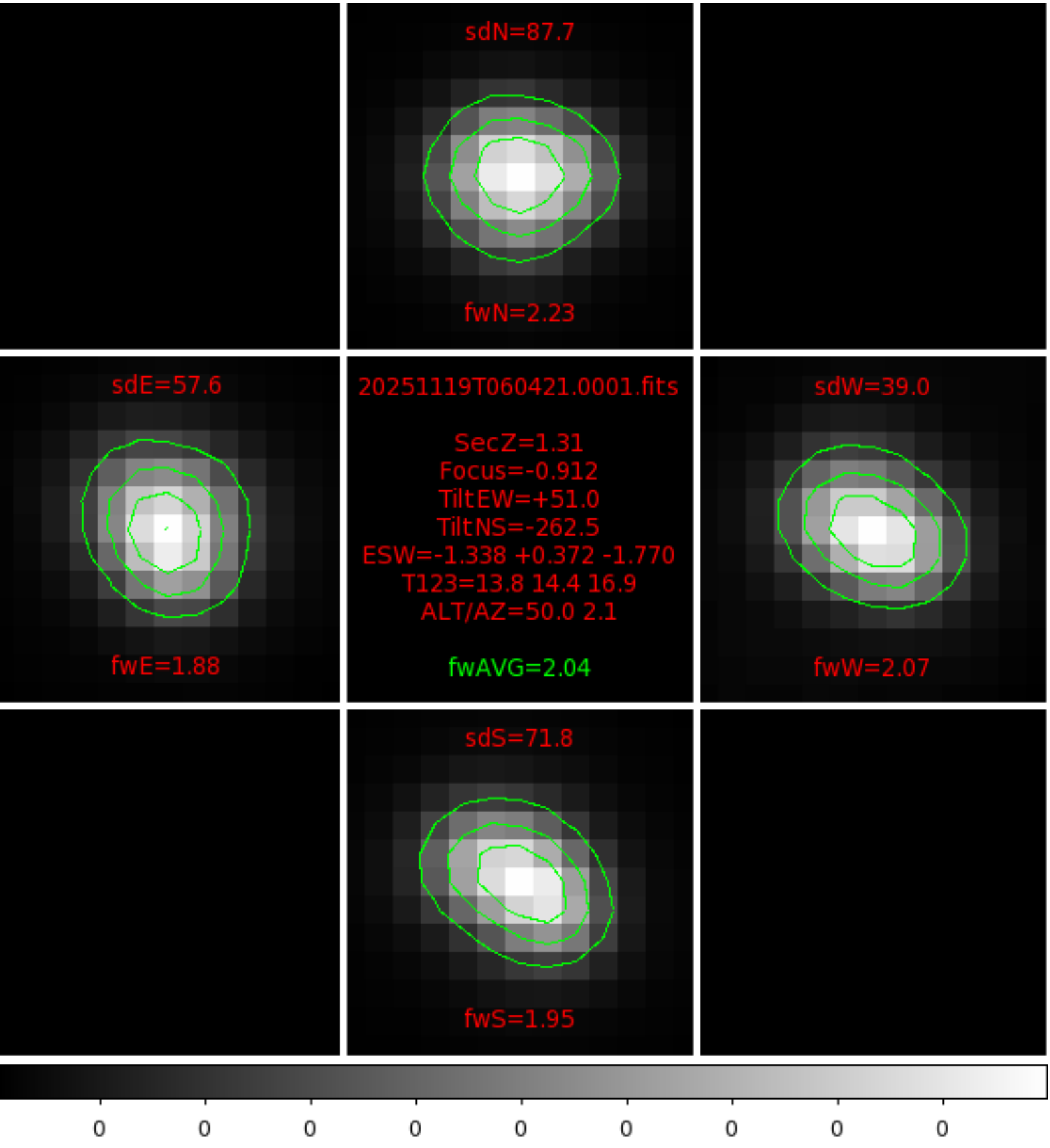
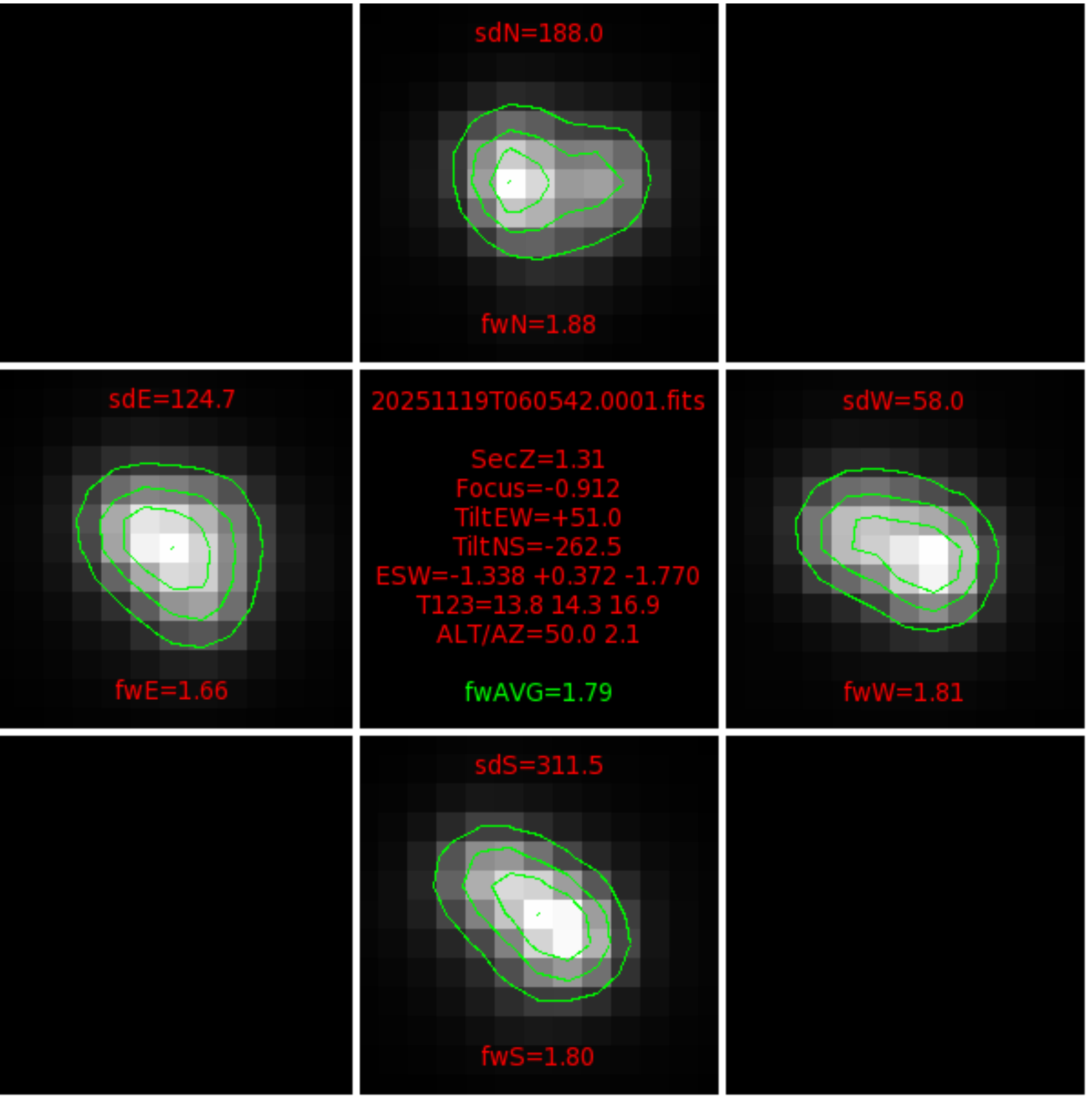

sdN=87.7
fwN=2.23
sdE=57.6
fwE=1.88
20251119T060421.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.8 14.4 16.9
ALT/AZ=50.0 2.1
fwAVG=2.04
sdW=39.0
fwW=2.07
sdS=71.8
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=188.0
fwN=1.88
sdE=124.7
fwE=1.66
20251119T060542.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.8 14.3 16.9
ALT/AZ=50.0 2.1
fwAVG=1.79
sdW=58.0
fwW=1.81
sdS=311.5
fwS=1.80
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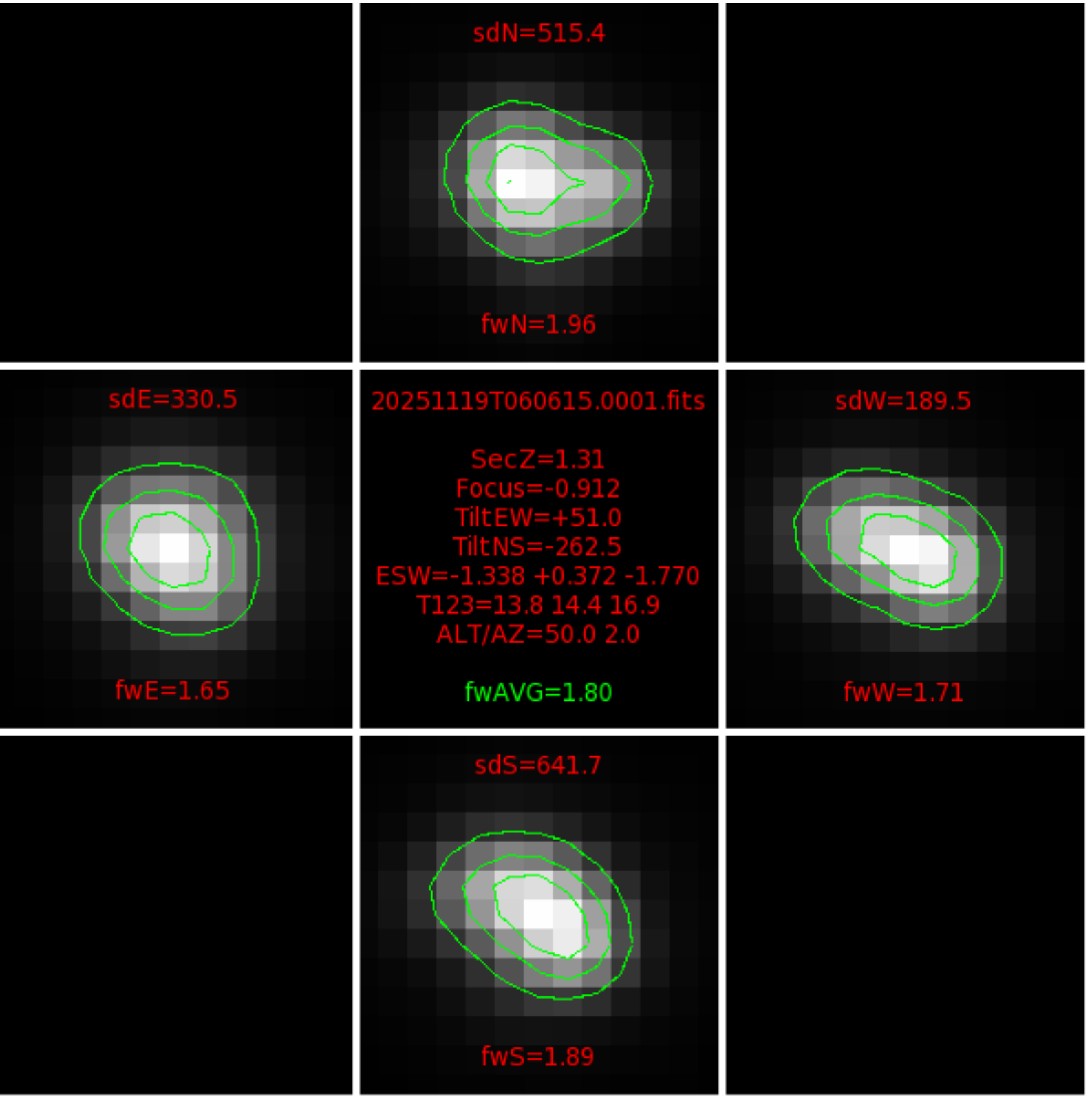
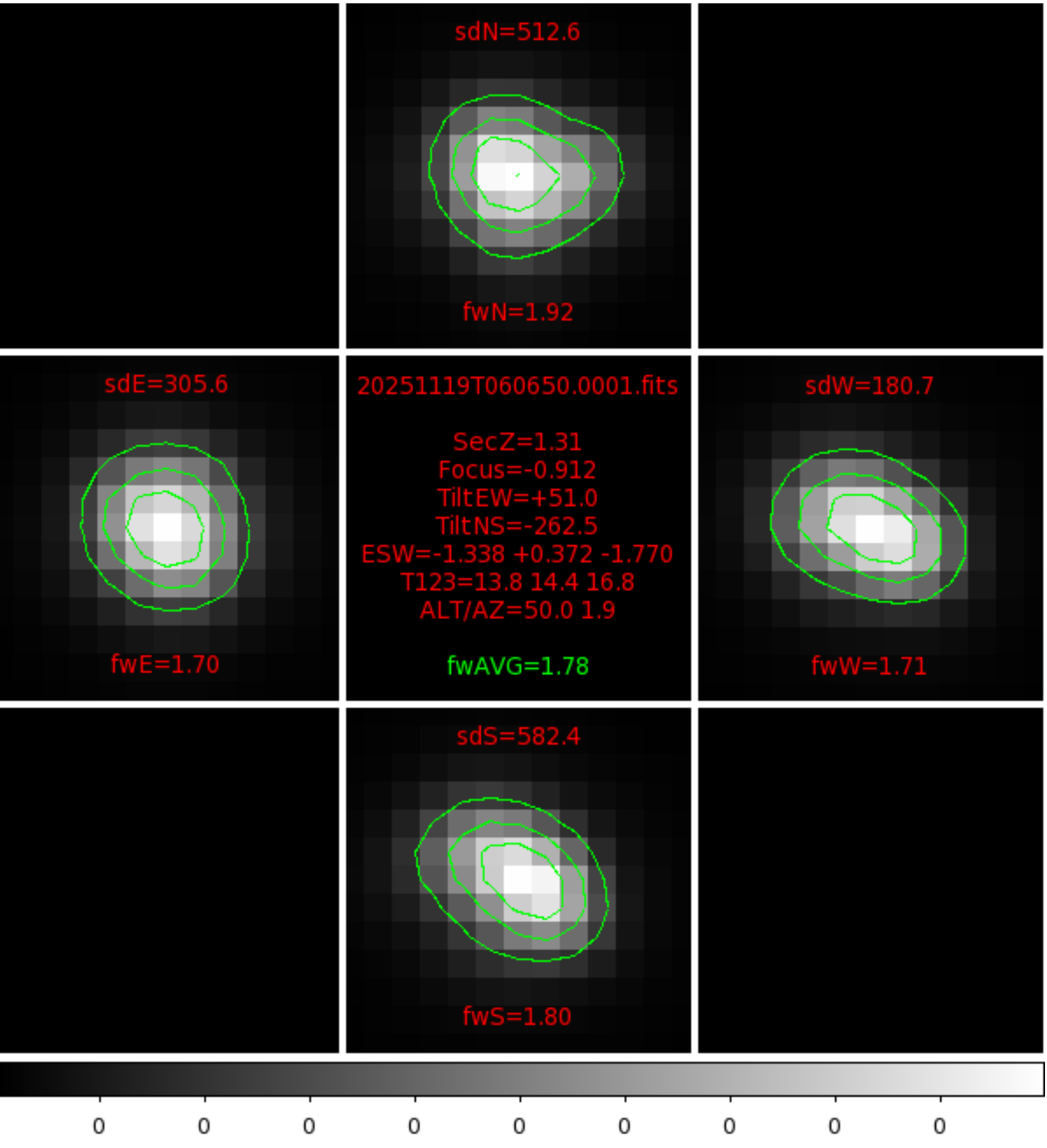

sdN=515.4
fwN=1.96
sdE=330.5
fwE=1.65
20251119T060615.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.8 14.4 16.9
ALT/AZ=50.0 2.0
fwAVG=1.80
sdW=189.5
fwW=1.71
sdS=641.7
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=512.6
fwN=1.92
sdE=305.6
fwE=1.70
20251119T060650.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.8 14.4 16.8
ALT/AZ=50.0 1.9
fwAVG=1.78
sdW=180.7
fwW=1.71
sdS=582.4
fwS=1.80
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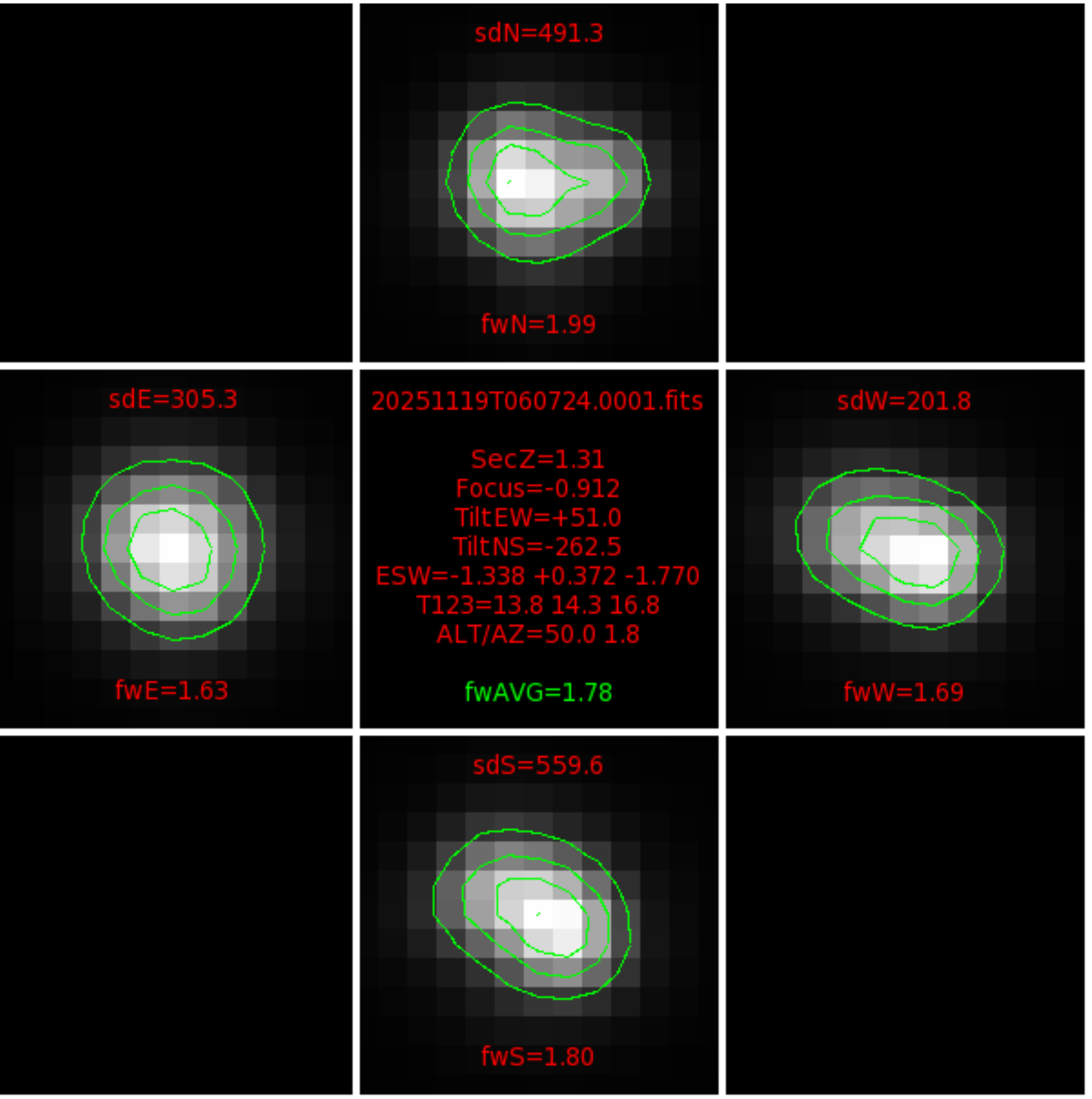
sdN=491.3
fwN=1.99
sdE=305.3
fwE=1.63
20251119T060724.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.8 14.3 16.8
ALT/AZ=50.0 1.8
fwAVG=1.78
sdW=201.8
fwW=1.69
sdS=559.6
fwS=1.80
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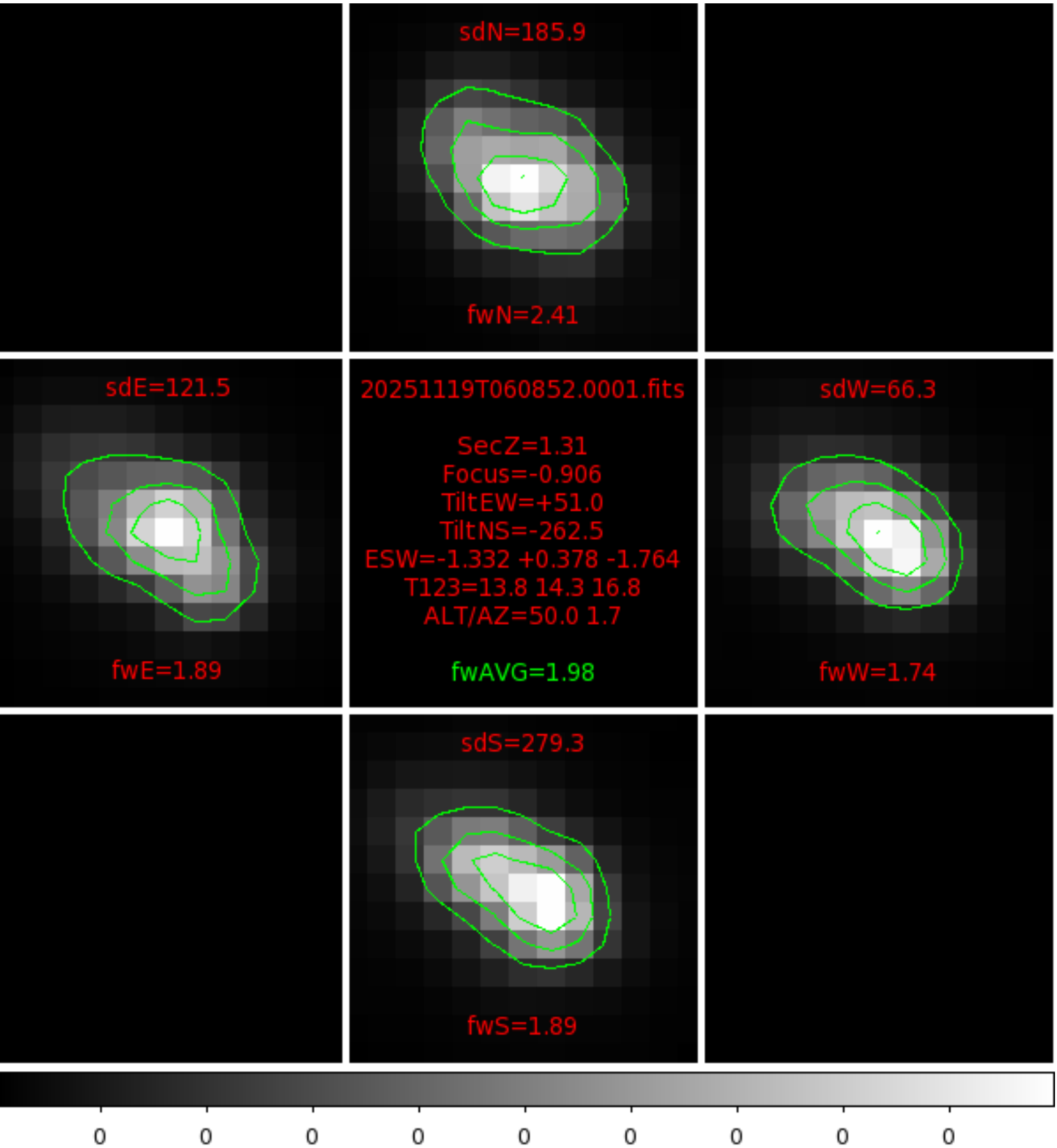
sdN=185.9
fwN=2.41
sdE=121.5
fwE=1.89
20251119T060852.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.3 16.8
ALT/AZ=50.0 1.7
fwAVG=1.98
sdW=66.3
fwW=1.74
sdS=279.3
fwS=1.89
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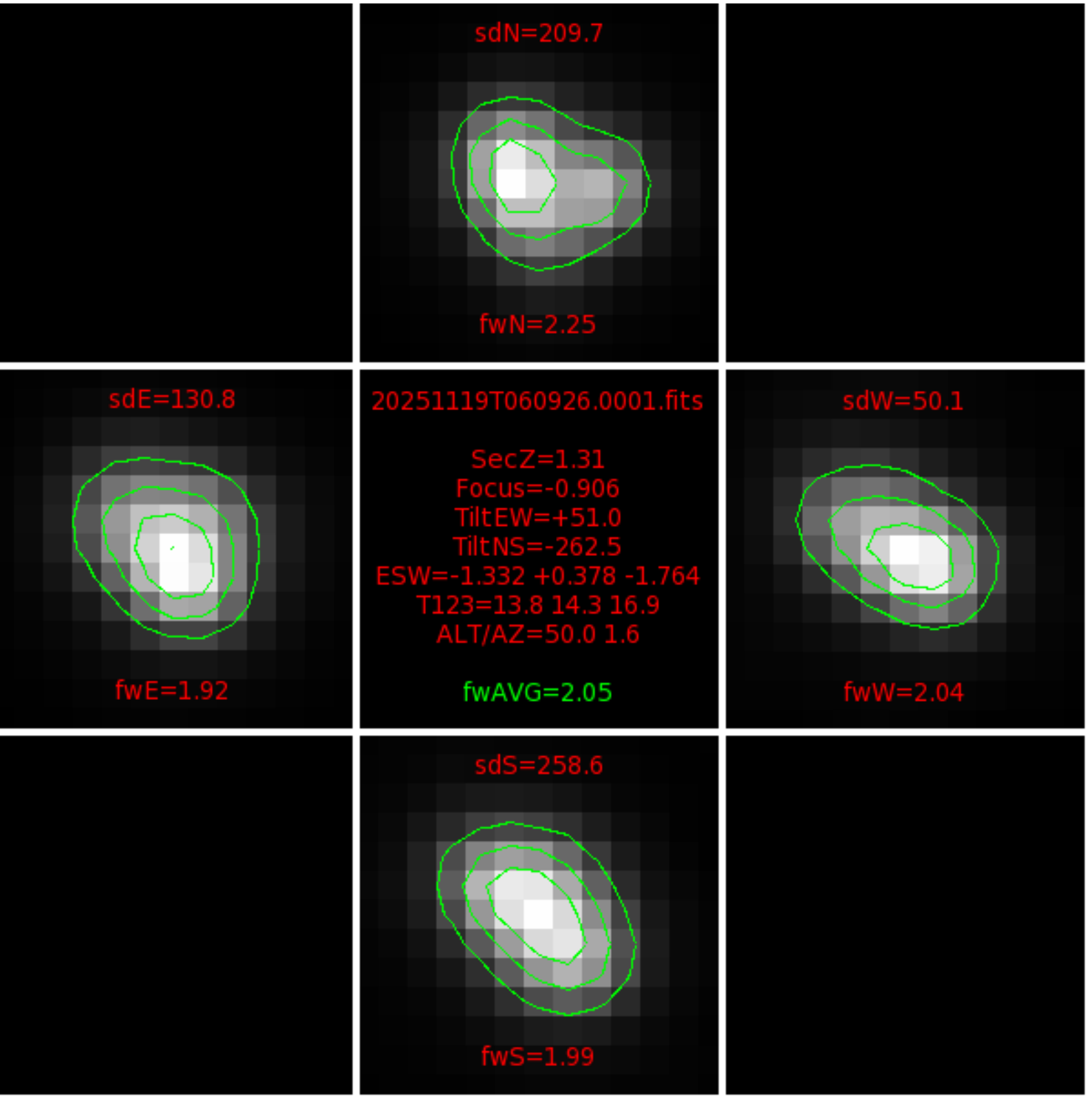
sdN=209.7
fwN=2.25
sdE=130.8
fwE=1.92
20251119T060926.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.3 16.9
ALT/AZ=50.0 1.6
fwAVG=2.05
sdW=50.1
fwW=2.04
sdS=258.6
fwS=1.99
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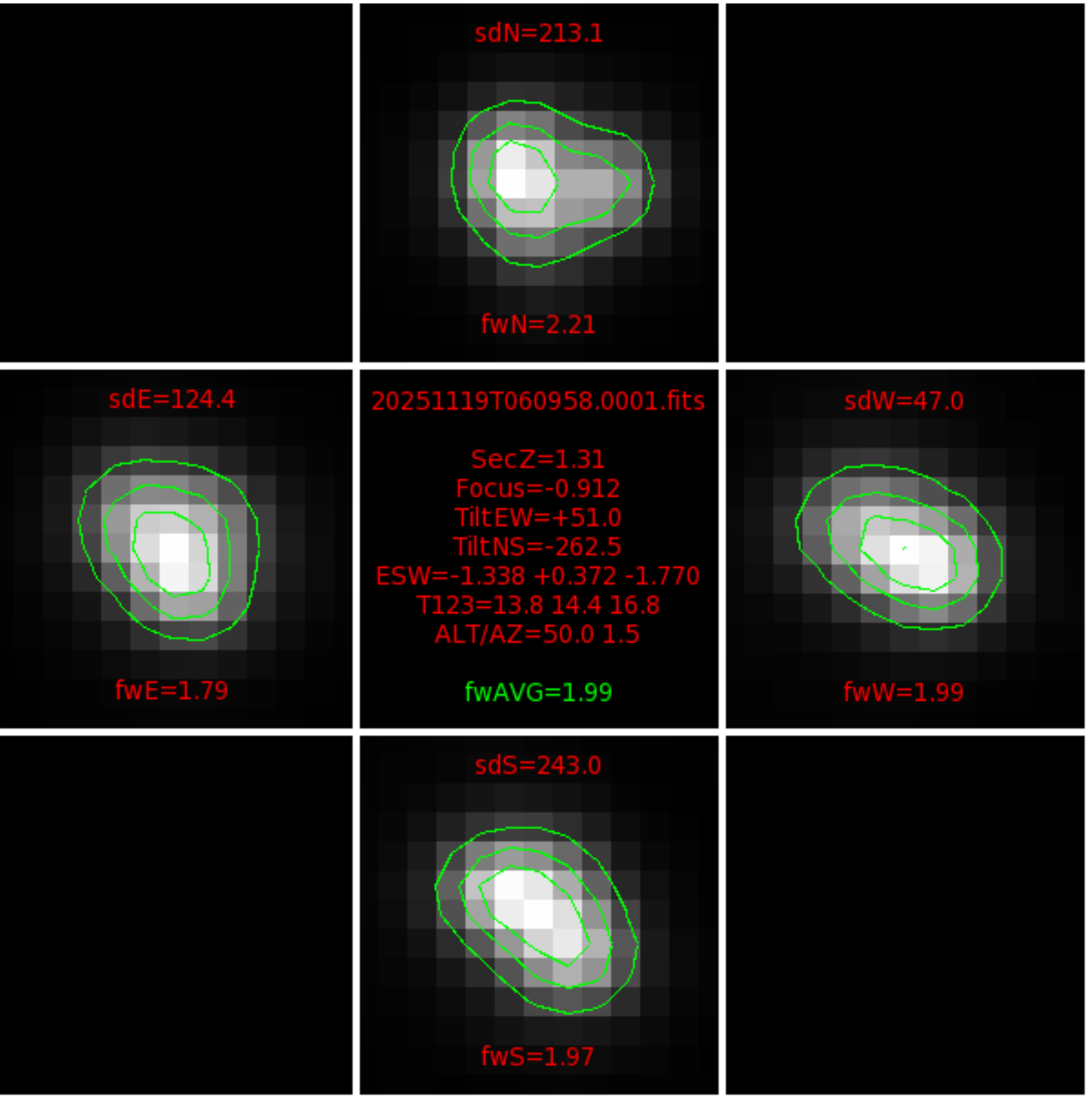
sdN=213.1
fwN=2.21
sdE=124.4
fwE=1.79
20251119T060958.0001.fits
SecZ=1.31
Focus=-0.912
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.338 +0.372 -1.770
T123=13.8 14.4 16.8
ALT/AZ=50.0 1.5
fwAVG=1.99
sdW=47.0
fwW=1.99
sdS=243.0
fwS=1.97
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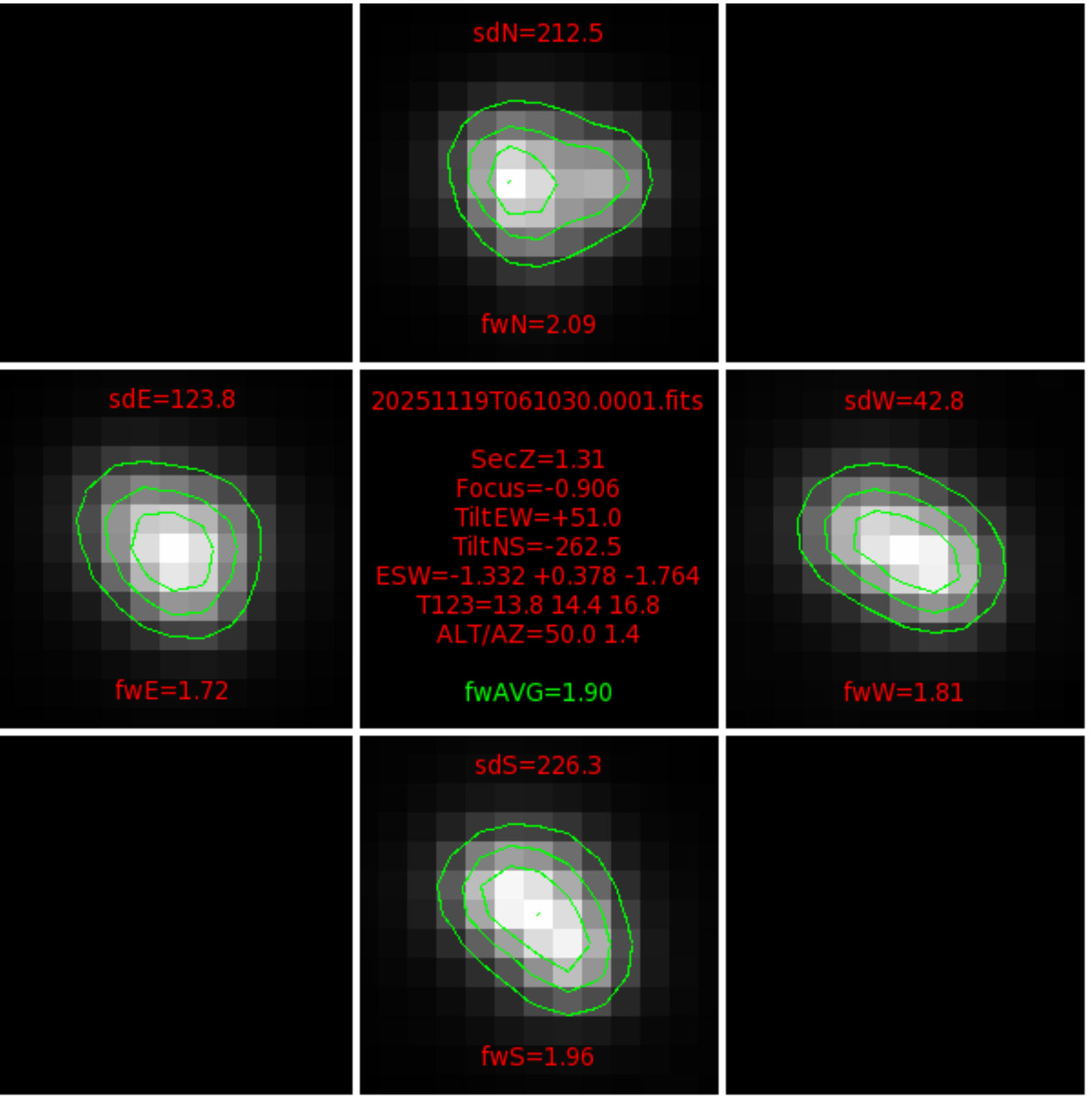
sdN=212.5
fwN=2.09
sdE=123.8
fwE=1.72
20251119T061030.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.4 16.8
ALT/AZ=50.0 1.4
fwAVG=1.90
sdW=42.8
fwW=1.81
sdS=226.3
fwS=1.96
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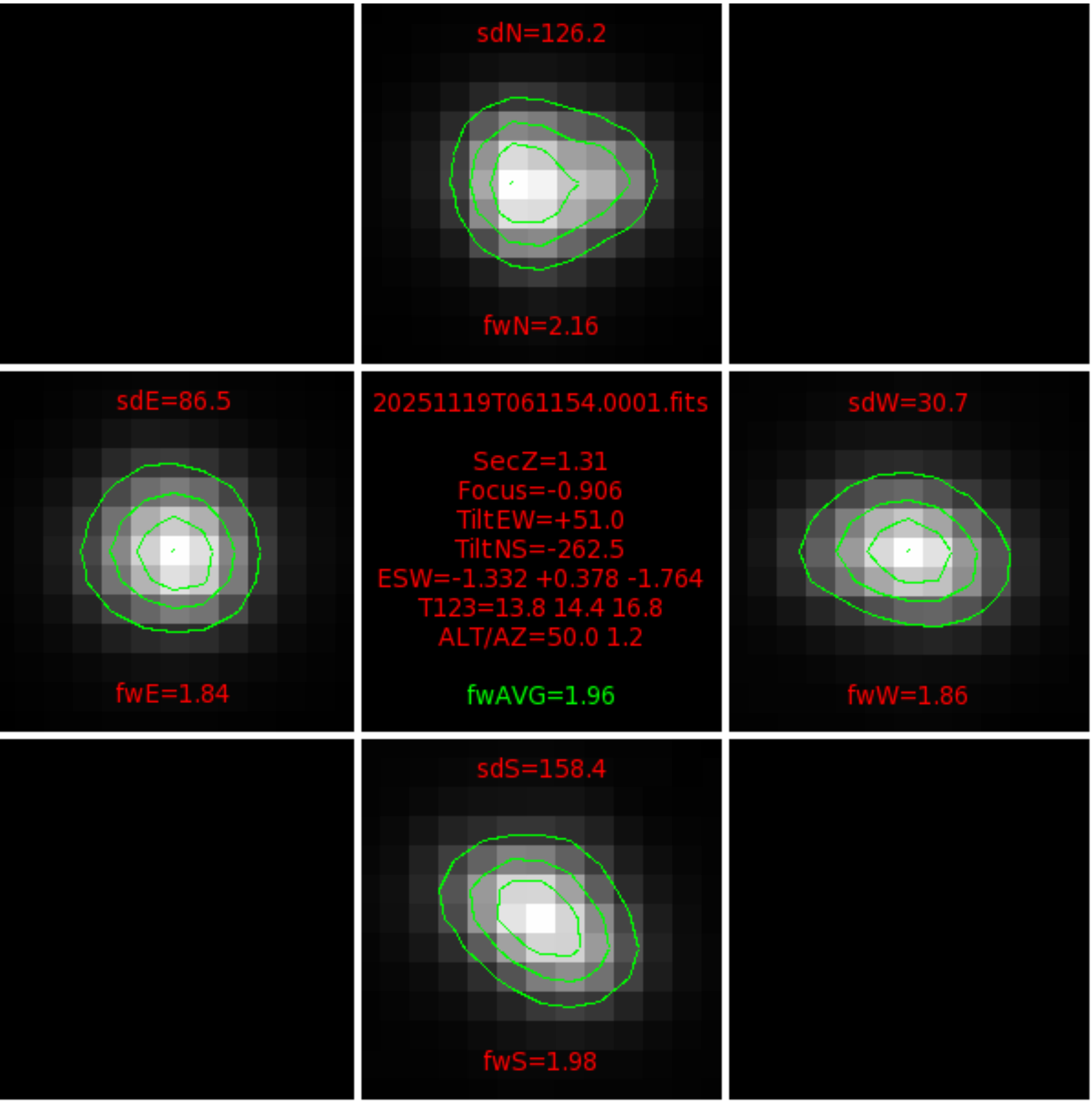
sdN=126.2
fwN=2.16
sdE=86.5
fwE=1.84
20251119T061154.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.4 16.8
ALT/AZ=50.0 1.2
fwAVG=1.96
sdW=30.7
fwW=1.86
sdS=158.4
fwS=1.98
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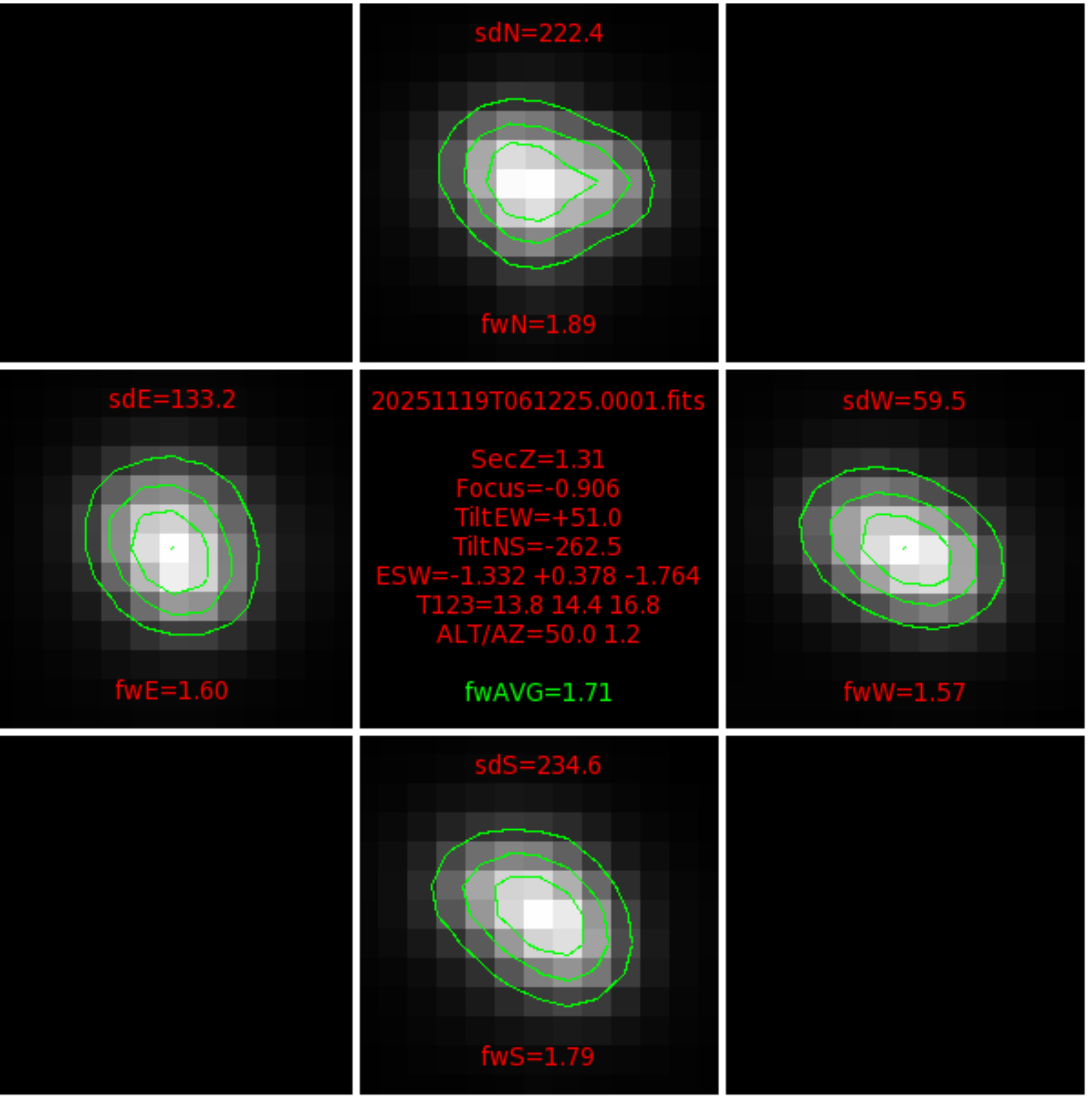
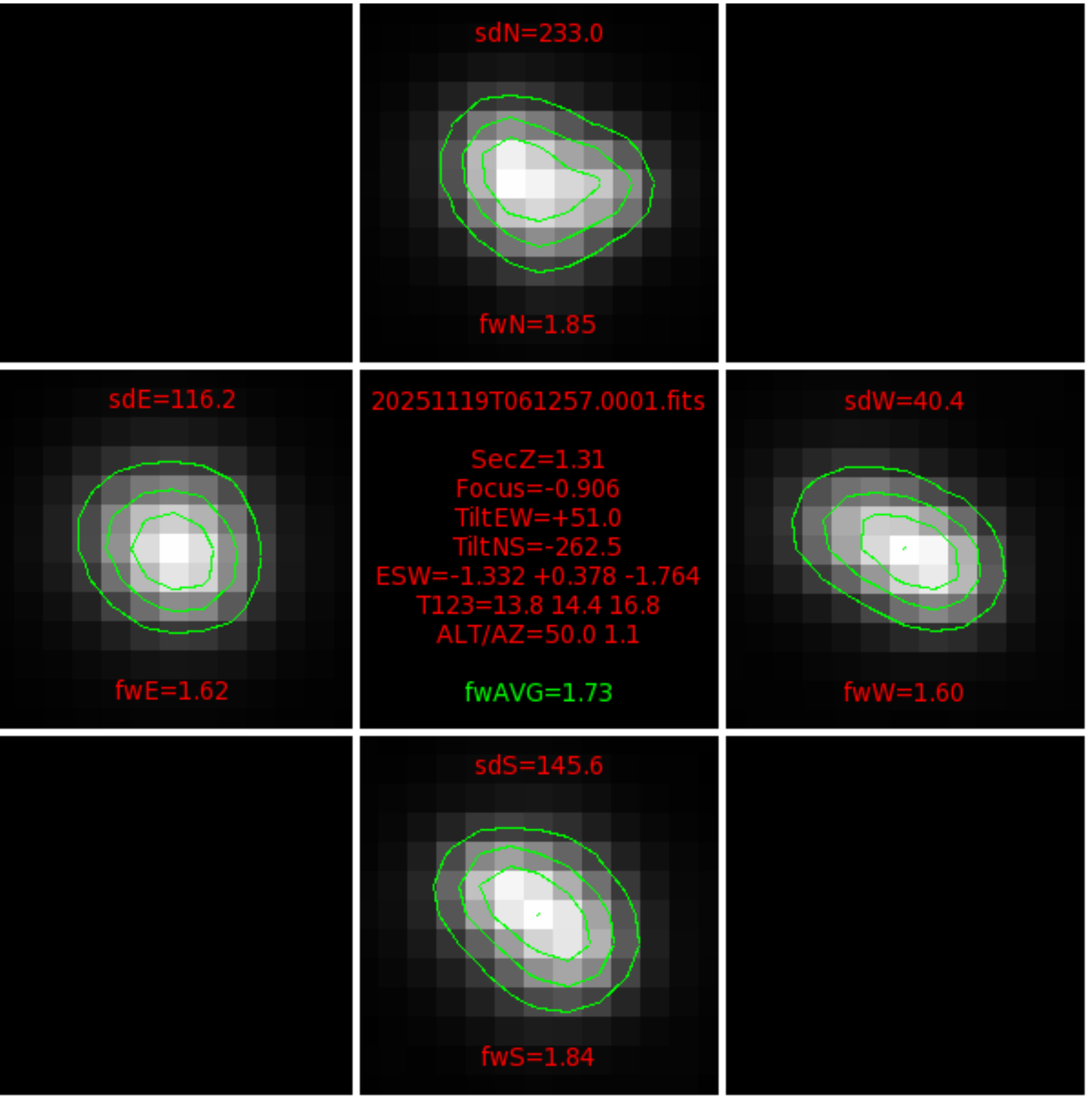
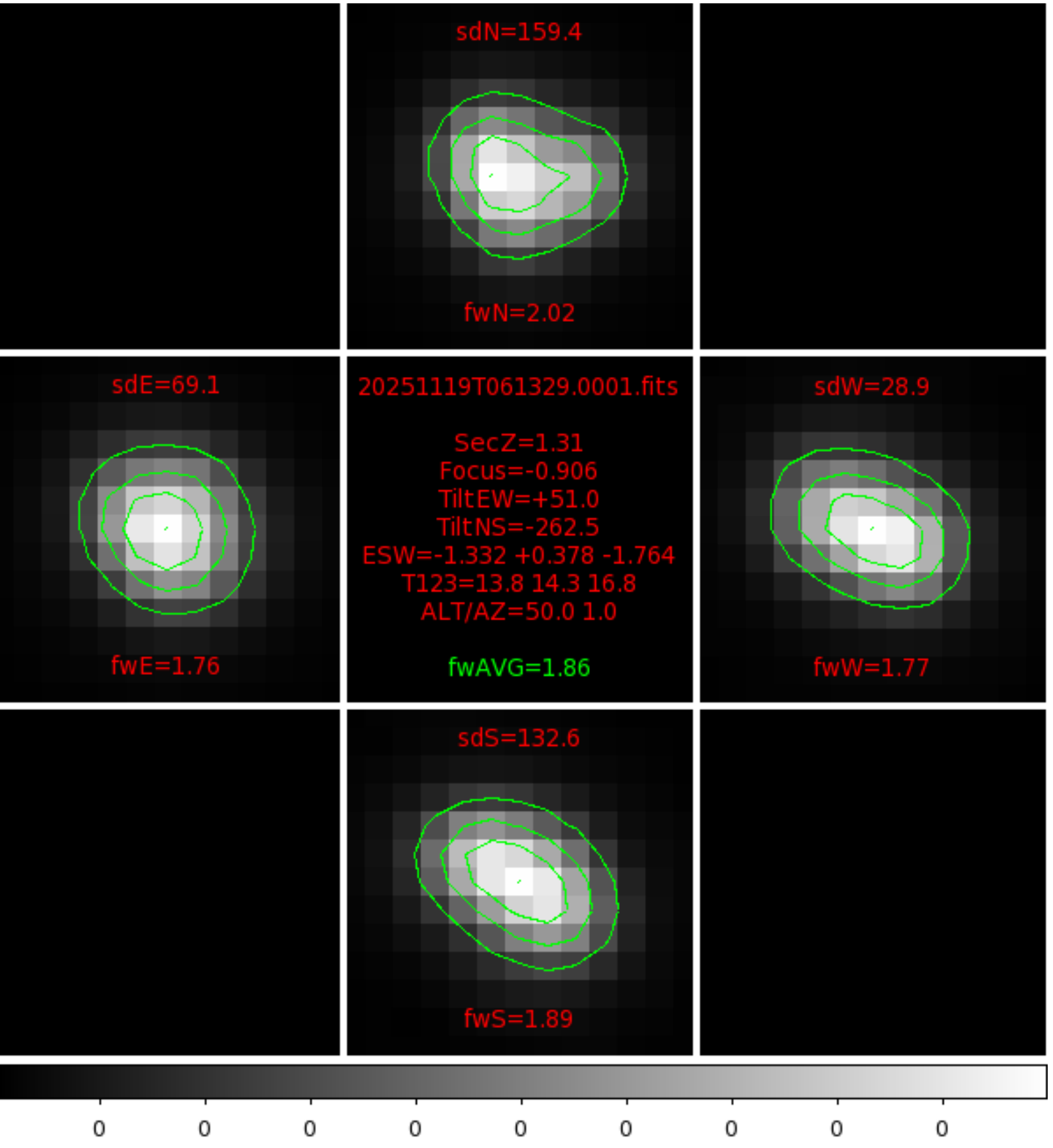

sdN=222.4
fwN=1.89
sdE=133.2
fwE=1.60
20251119T061225.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.4 16.8
ALT/AZ=50.0 1.2
fwAVG=1.71
sdW=59.5
fwW=1.57
sdS=234.6
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=233.0
fwN=1.85
sdE=116.2
fwE=1.62
20251119T061257.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.4 16.8
ALT/AZ=50.0 1.1
fwAVG=1.73
sdW=40.4
fwW=1.60
sdS=145.6
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=159.4
fwN=2.02
sdE=69.1
fwE=1.76
20251119T061329.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.3 16.8
ALT/AZ=50.0 1.0
fwAVG=1.86
sdW=28.9
fwW=1.77
sdS=132.6
fwS=1.89
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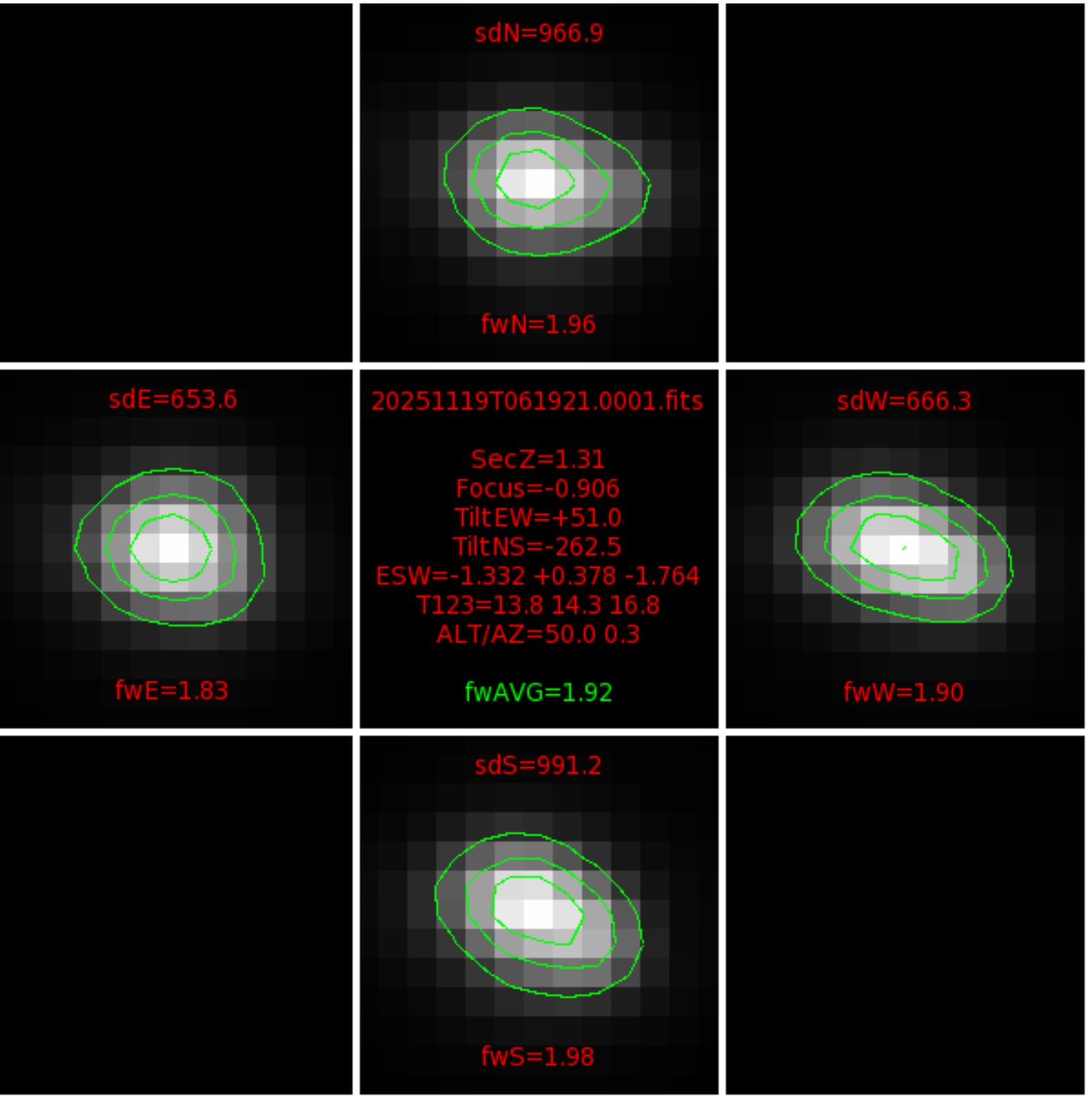
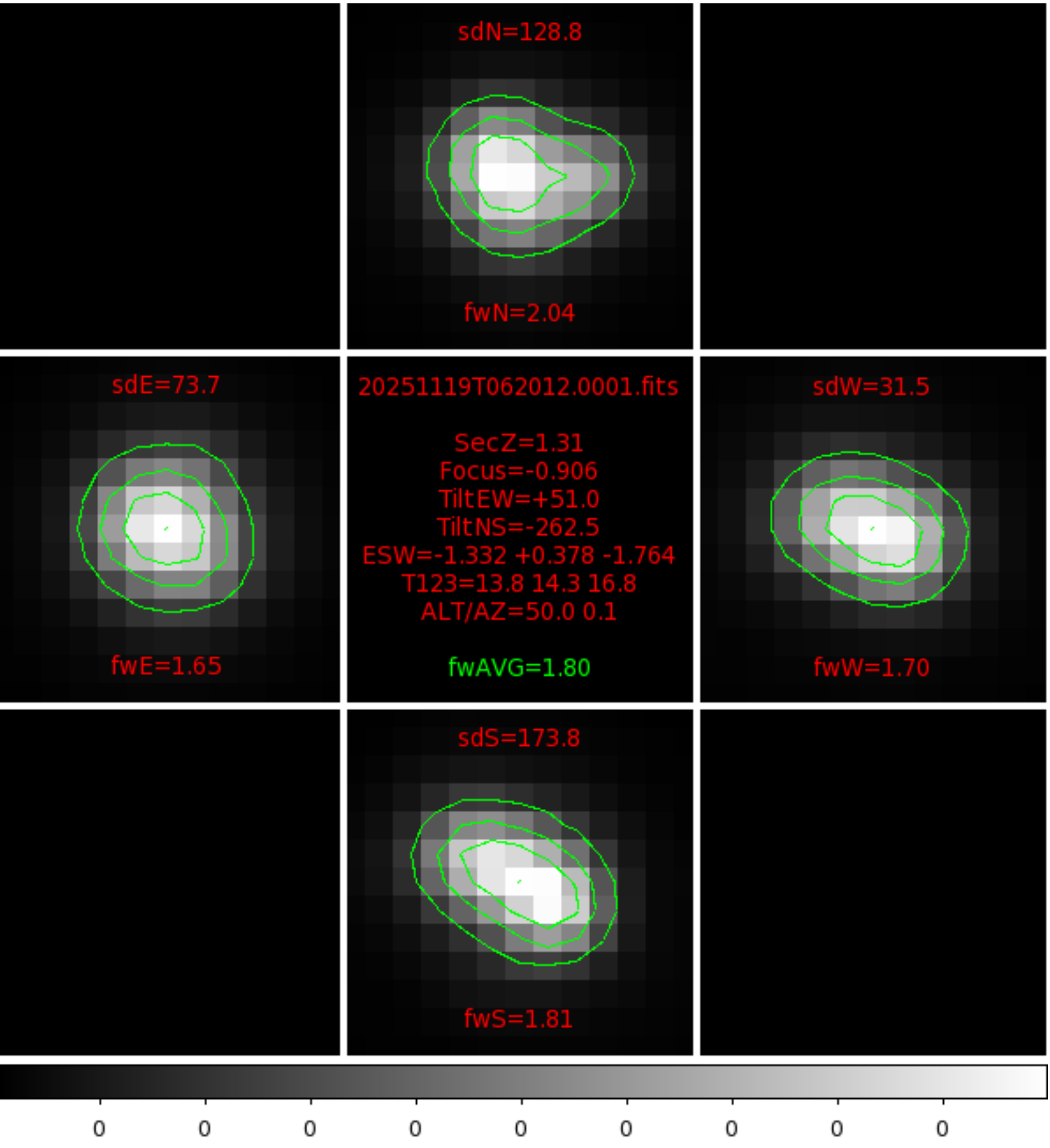
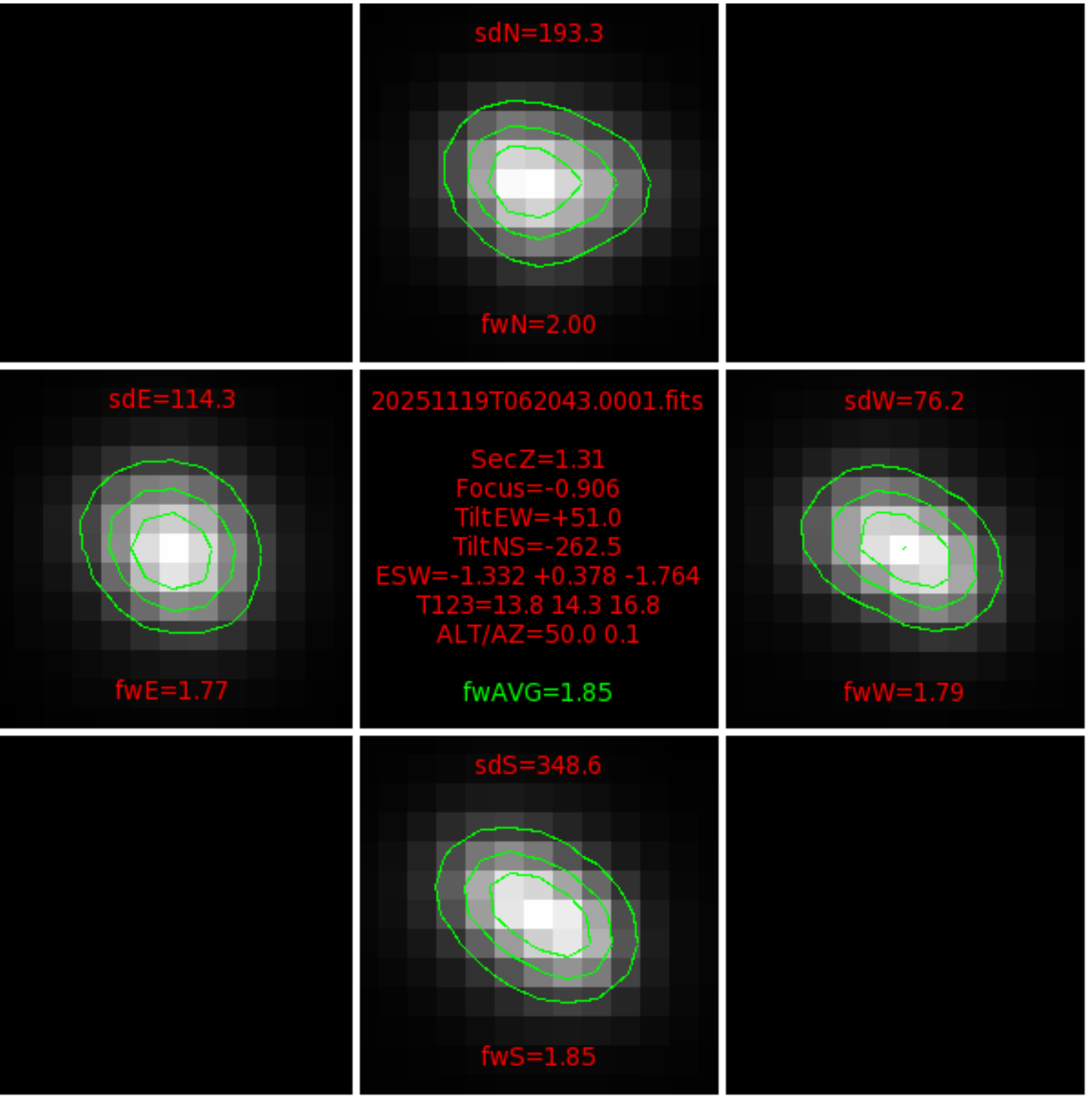
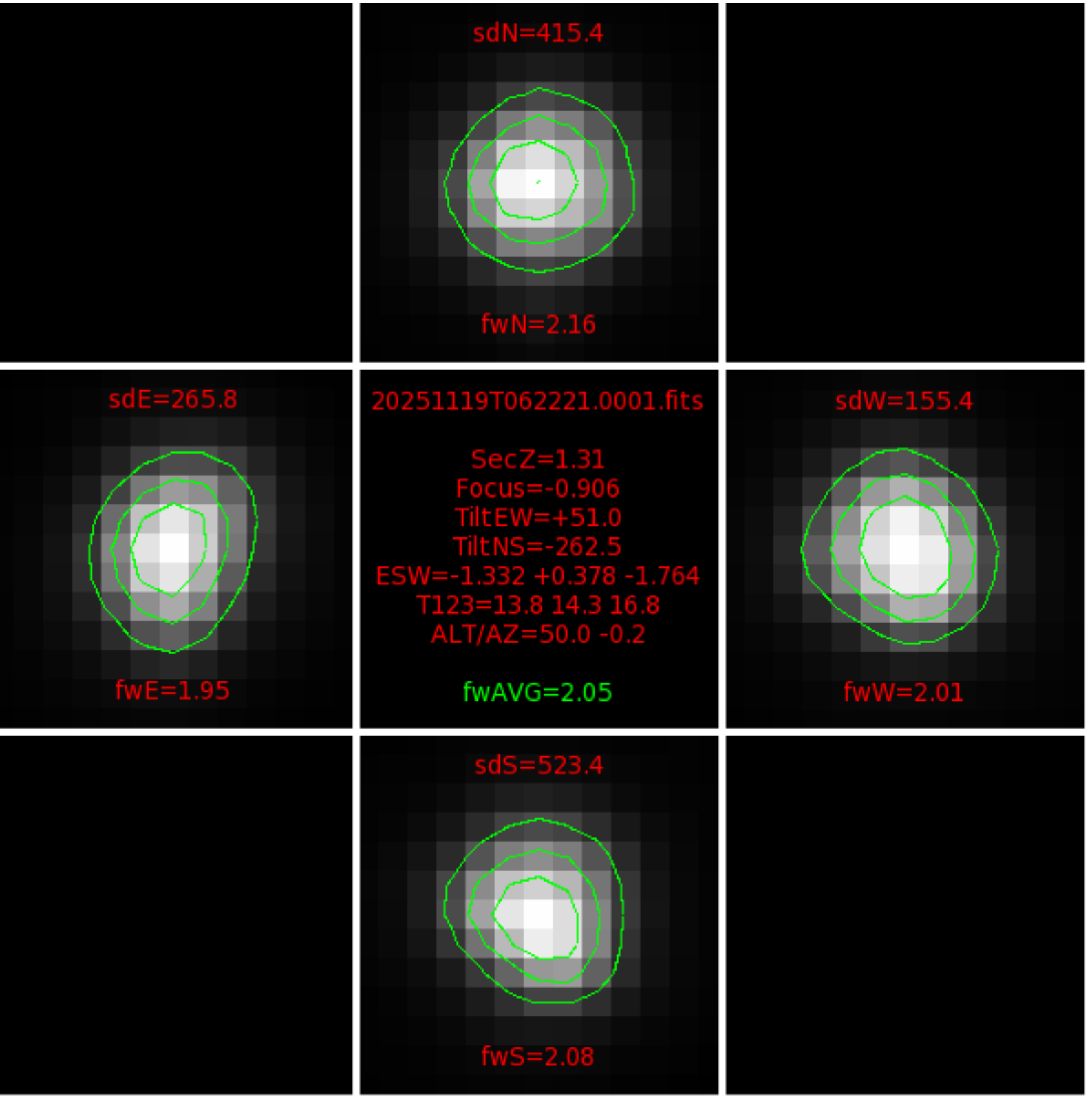
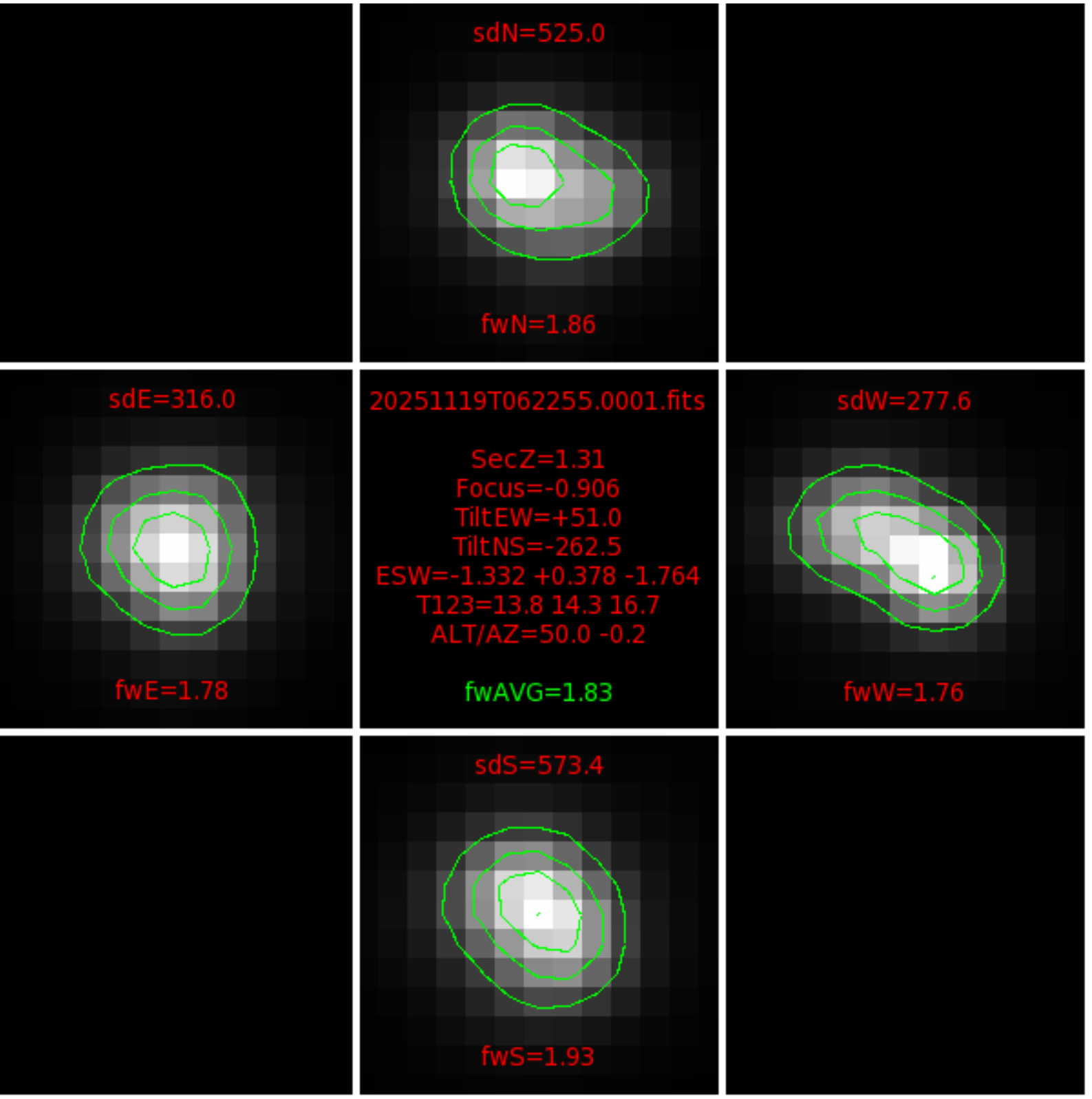

sdN=966.9
fwN=1.96
sdE=653.6
fwE=1.83
20251119T061921.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.3 16.8
ALT/AZ=50.0 0.3
fwAVG=1.92
sdW=666.3
fwW=1.90
sdS=991.2
fwS=1.98
0 0 0 0 0 0 0 0 0


sdN=128.8
fwN=2.04
sdE=73.7
fwE=1.65
20251119T062012.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.3 16.8
ALT/AZ=50.0 0.1
fwAVG=1.80
sdW=31.5
fwW=1.70
sdS=173.8
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=193.3
fwN=2.00
sdE=114.3
fwE=1.77
20251119T062043.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.3 16.8
ALT/AZ=50.0 0.1
fwAVG=1.85
sdW=76.2
fwW=1.79
sdS=348.6
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=415.4
fwN=2.16
sdE=265.8
fwE=1.95
20251119T062221.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.3 16.8
ALT/AZ=50.0 -0.2
fwAVG=2.05
sdW=155.4
fwW=2.01
sdS=523.4
fwS=2.08
0 0 0 0 0 0 0 0 0


sdN=525.0
fwN=1.86
sdE=316.0
fwE=1.78
20251119T062255.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.3 16.7
ALT/AZ=50.0 -0.2
fwAVG=1.83
sdW=277.6
fwW=1.76
sdS=573.4
fwS=1.93
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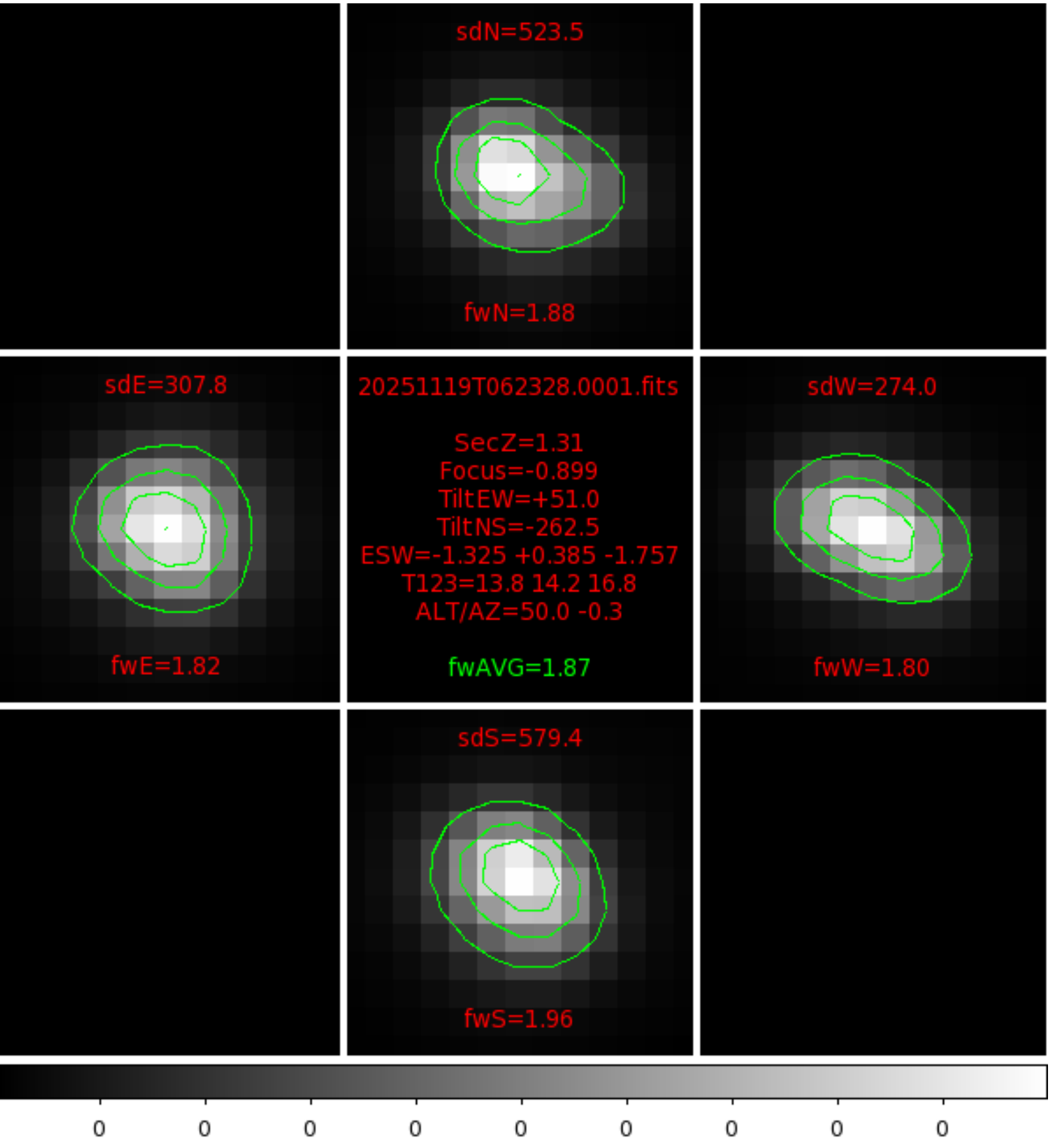
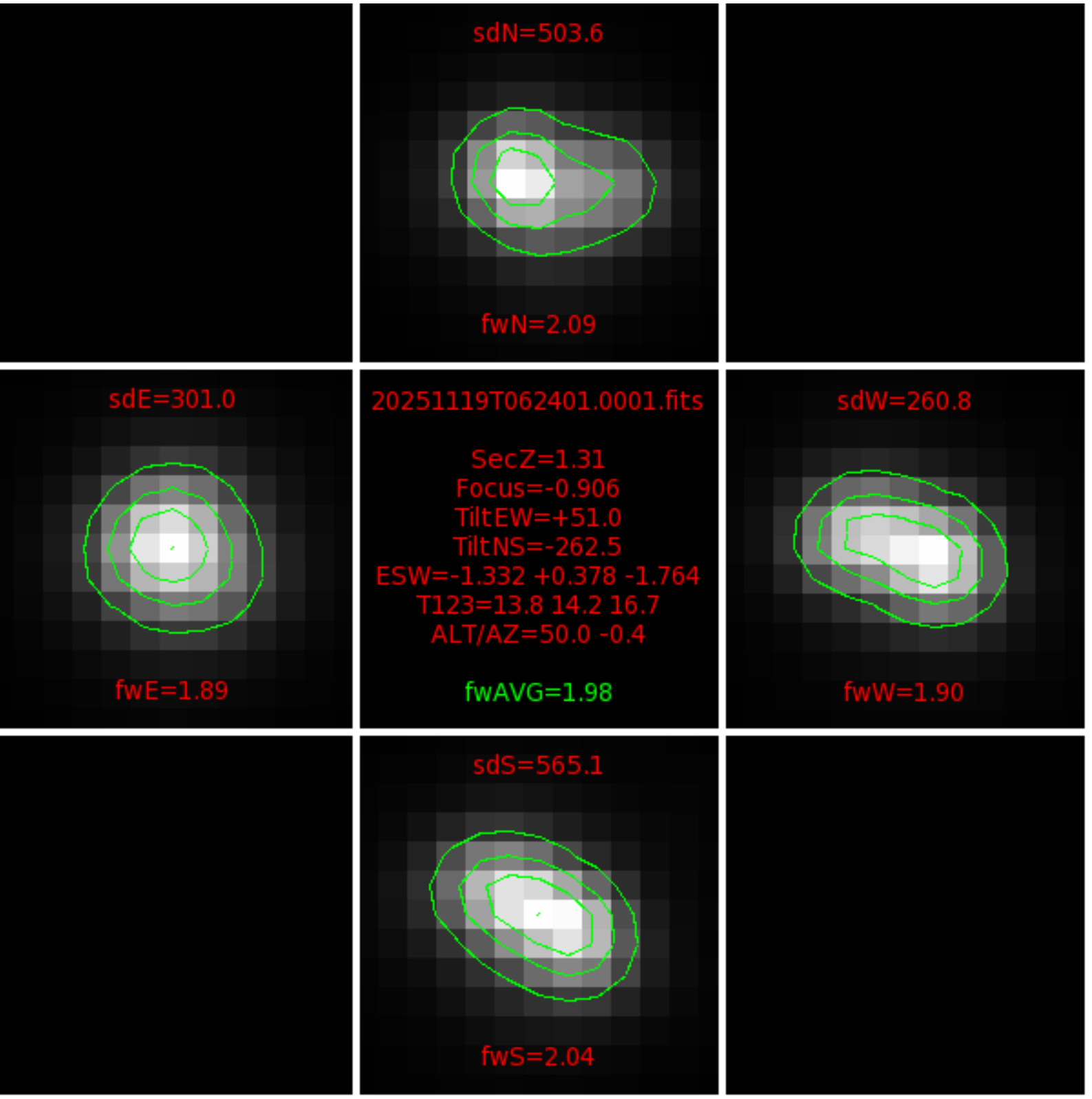
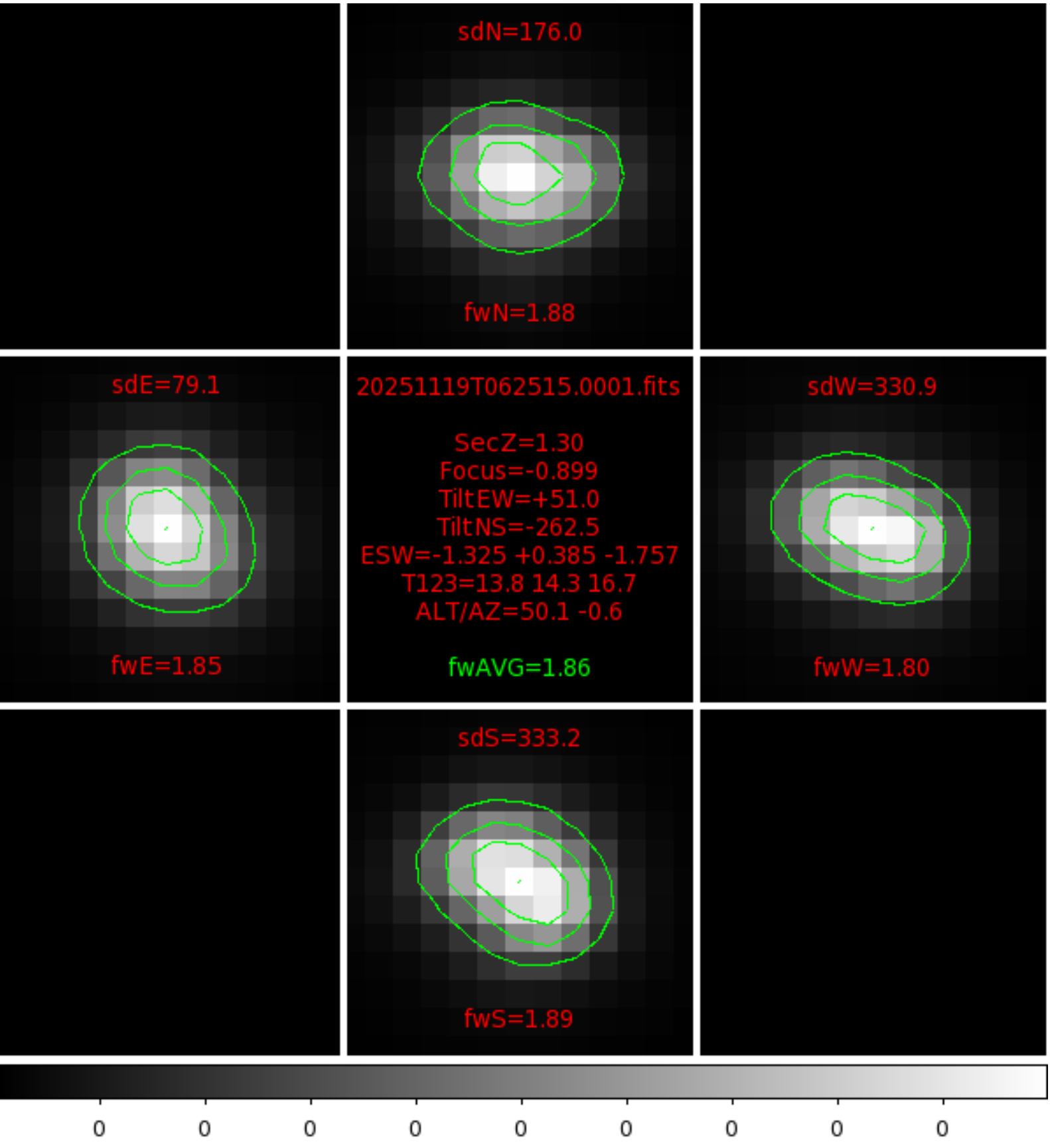
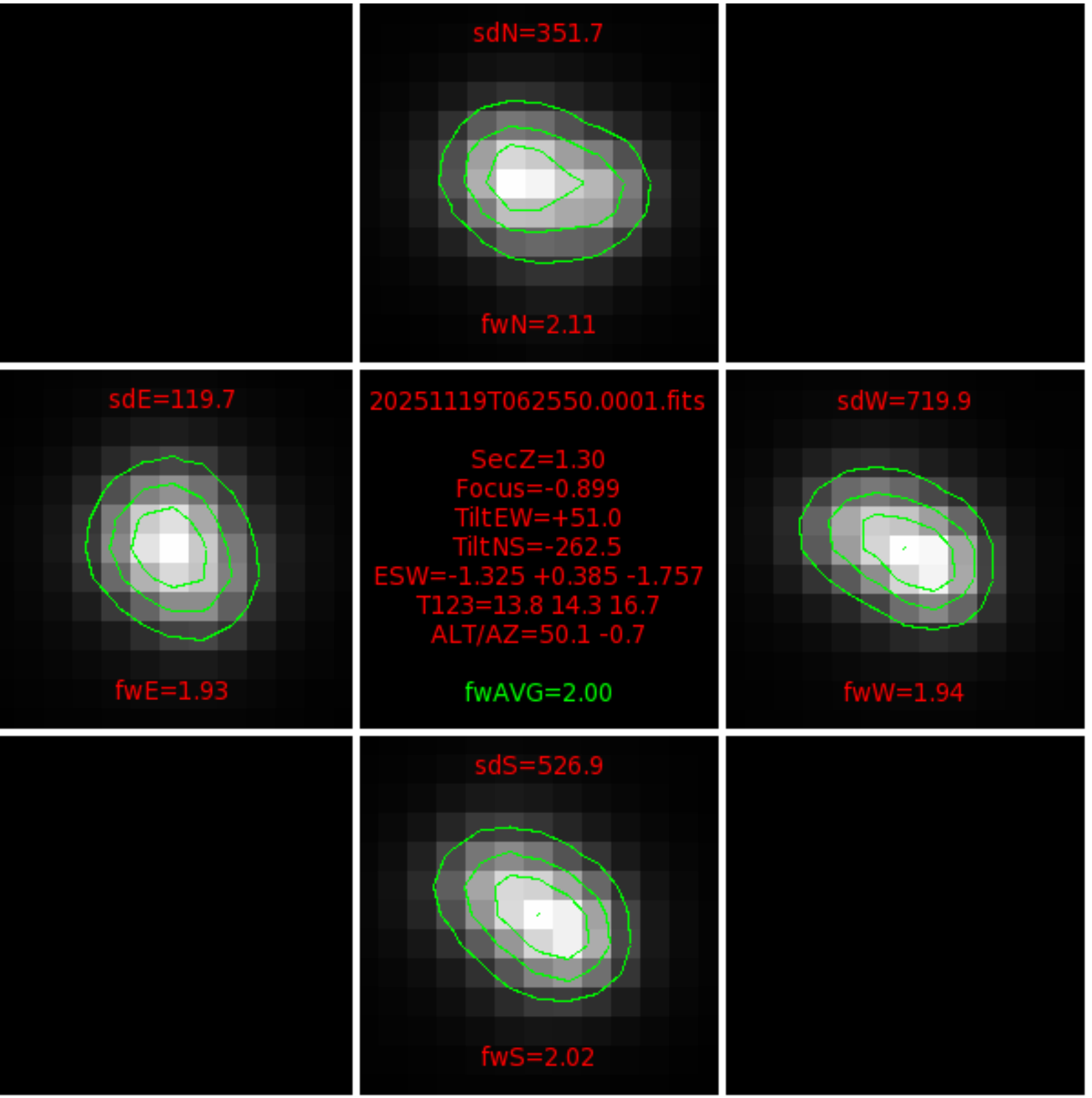
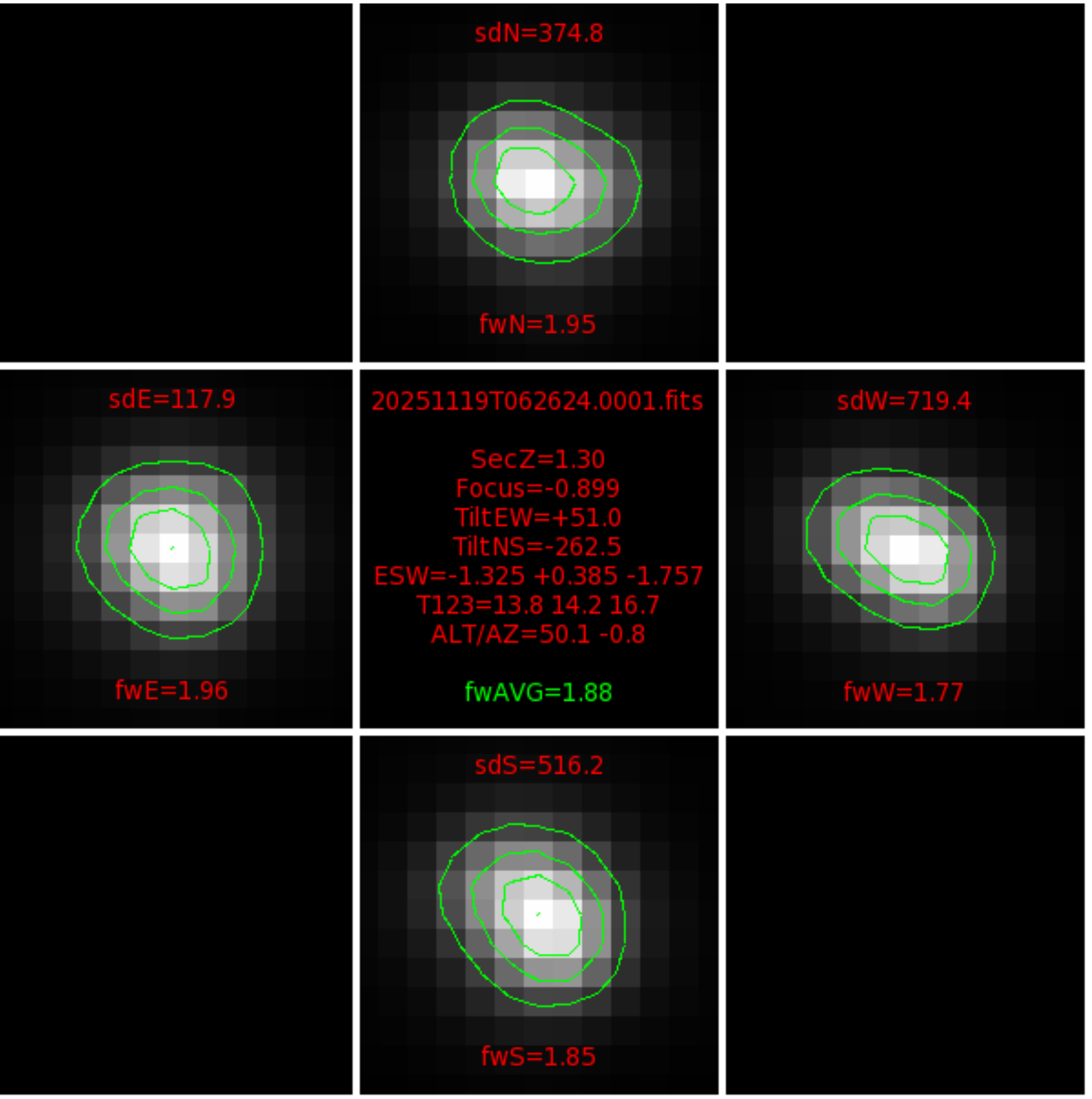
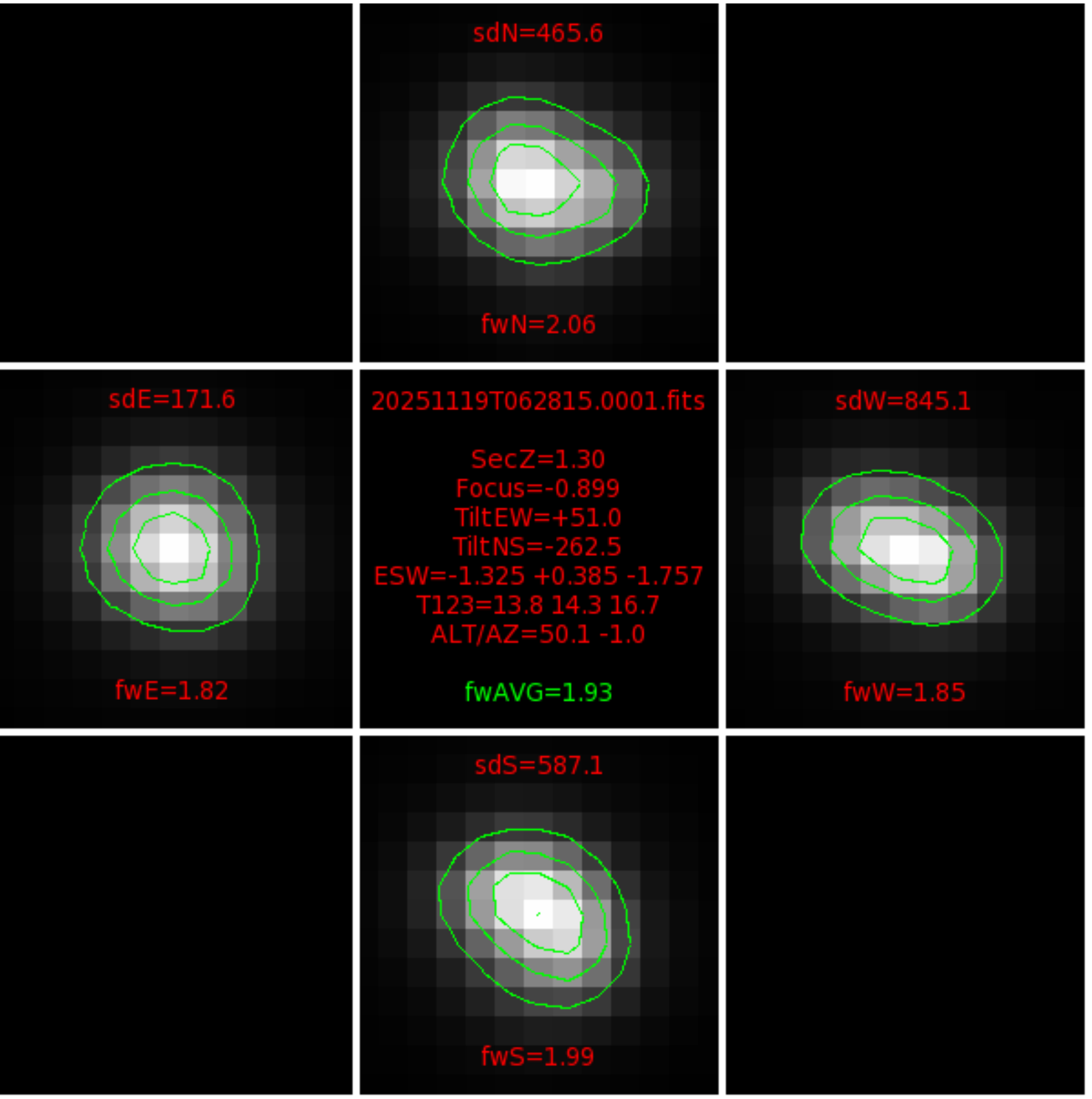

sdN=523.5
fwN=1.88
sdE=307.8
fwE=1.82
20251119T062328.0001.fits
SecZ=1.31
Focus=-0.899
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.325 +0.385 -1.757
T123=13.8 14.2 16.8
ALT/AZ=50.0 -0.3
fwAVG=1.87
sdW=274.0
fwW=1.80
sdS=579.4
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=503.6
fwN=2.09
sdE=301.0
fwE=1.89
20251119T062401.0001.fits
SecZ=1.31
Focus=-0.906
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.332 +0.378 -1.764
T123=13.8 14.2 16.7
ALT/AZ=50.0 -0.4
fwAVG=1.98
sdW=260.8
fwW=1.90
sdS=565.1
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=176.0
fwN=1.88
sdE=79.1
fwE=1.85
20251119T062515.0001.fits
SecZ=1.30
Focus=-0.899
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.325 +0.385 -1.757
T123=13.8 14.3 16.7
ALT/AZ=50.1 -0.6
fwAVG=1.86
sdW=330.9
fwW=1.80
sdS=333.2
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=351.7
fwN=2.11
sdE=119.7
fwE=1.93
20251119T062550.0001.fits
SecZ=1.30
Focus=-0.899
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.325 +0.385 -1.757
T123=13.8 14.3 16.7
ALT/AZ=50.1 -0.7
fwAVG=2.00
sdW=719.9
fwW=1.94
sdS=526.9
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=374.8
fwN=1.95
sdE=117.9
fwE=1.96
20251119T062624.0001.fits
SecZ=1.30
Focus=-0.899
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.325 +0.385 -1.757
T123=13.8 14.2 16.7
ALT/AZ=50.1 -0.8
fwAVG=1.88
sdW=719.4
fwW=1.77
sdS=516.2
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=465.6
fwN=2.06
sdE=171.6
fwE=1.82
20251119T062815.0001.fits
SecZ=1.30
Focus=-0.899
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.325 +0.385 -1.757
T123=13.8 14.3 16.7
ALT/AZ=50.1 -1.0
fwAVG=1.93
sdW=845.1
fwW=1.85
sdS=587.1
fwS=1.99
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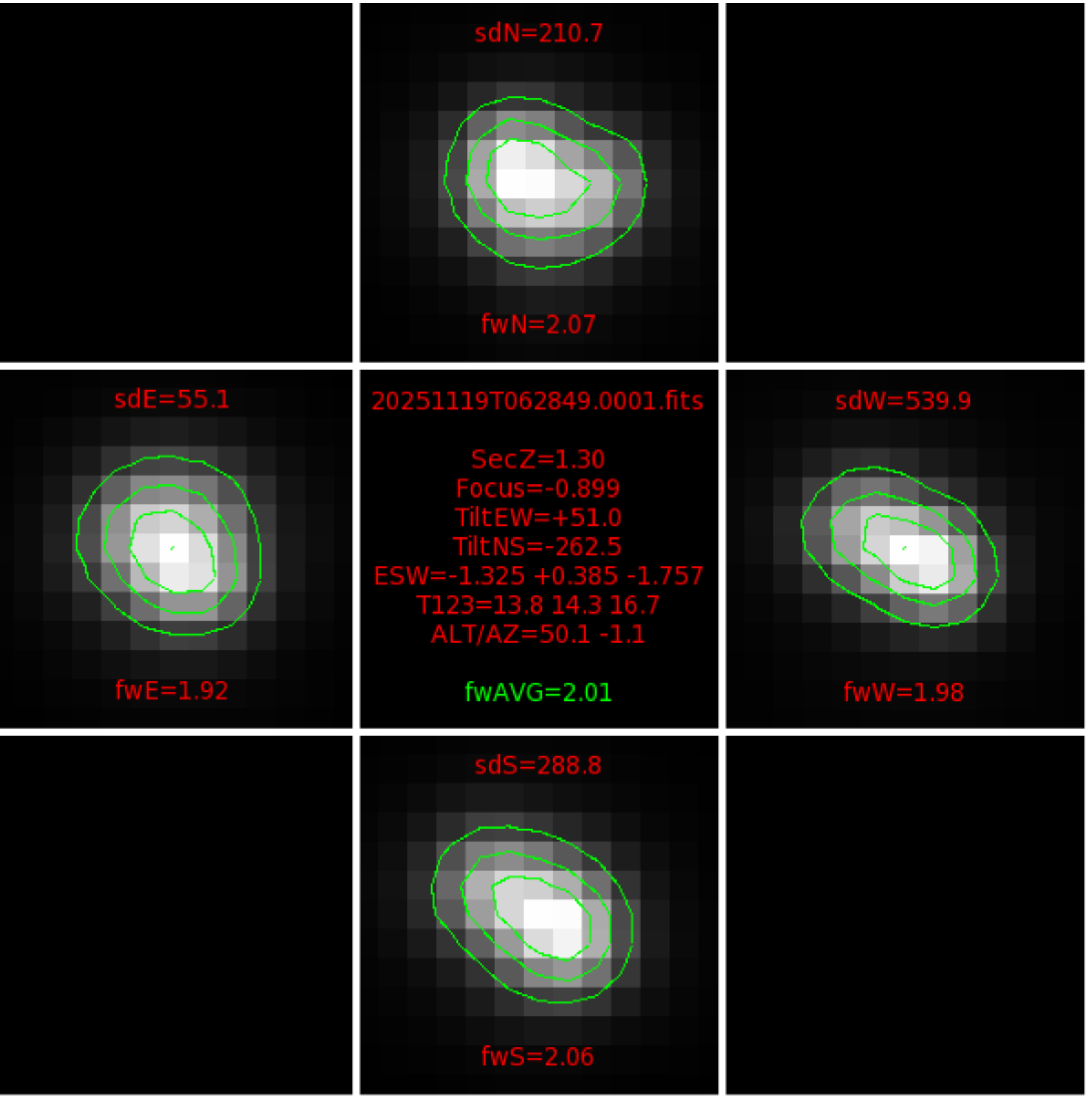
sdN=210.7
fwN=2.07
sdE=55.1
fwE=1.92
20251119T062849.0001.fits
SecZ=1.30
Focus=-0.899
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.325 +0.385 -1.757
T123=13.8 14.3 16.7
ALT/AZ=50.1 -1.1
fwAVG=2.01
sdW=539.9
fwW=1.98
sdS=288.8
fwS=2.06
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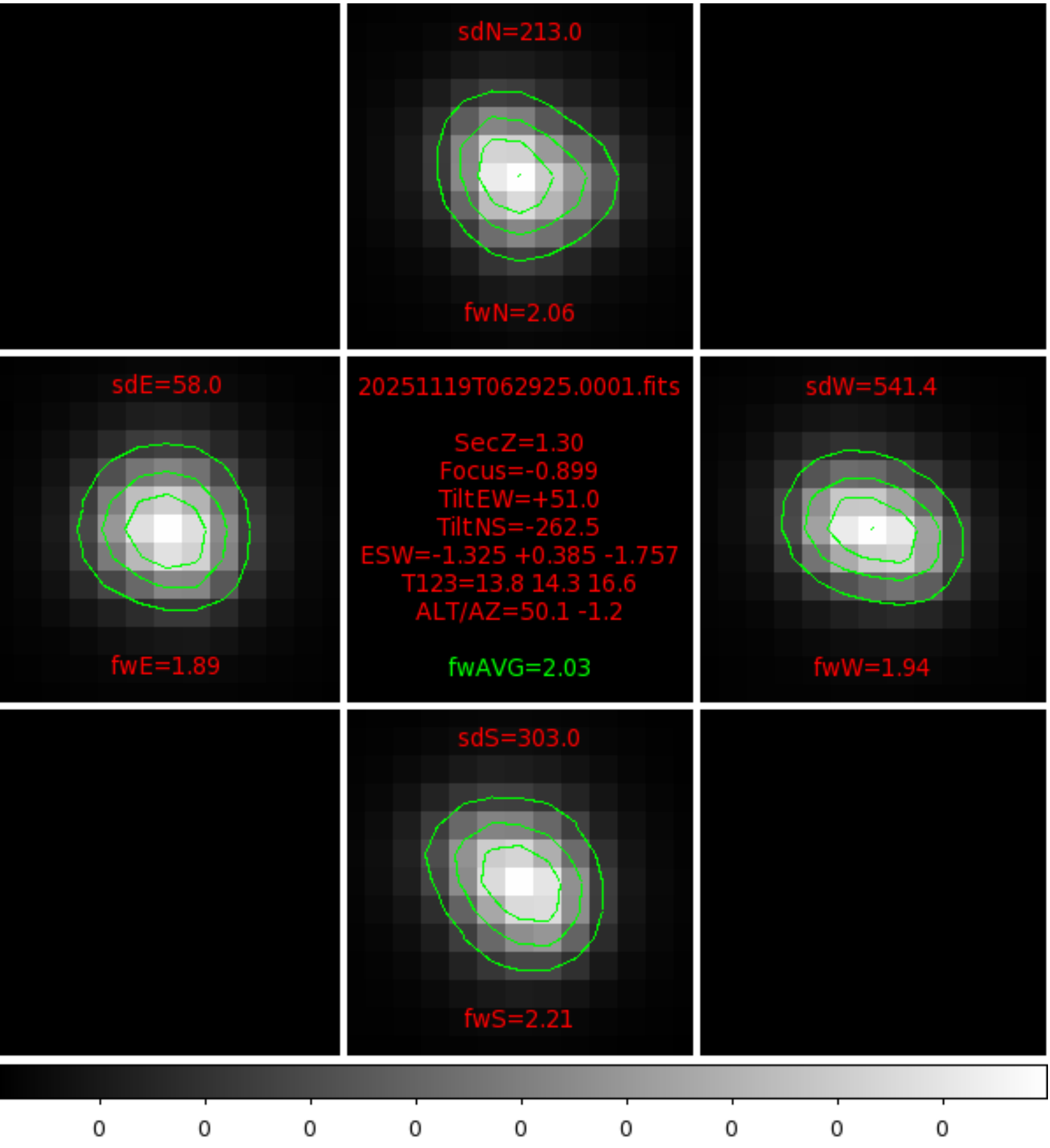
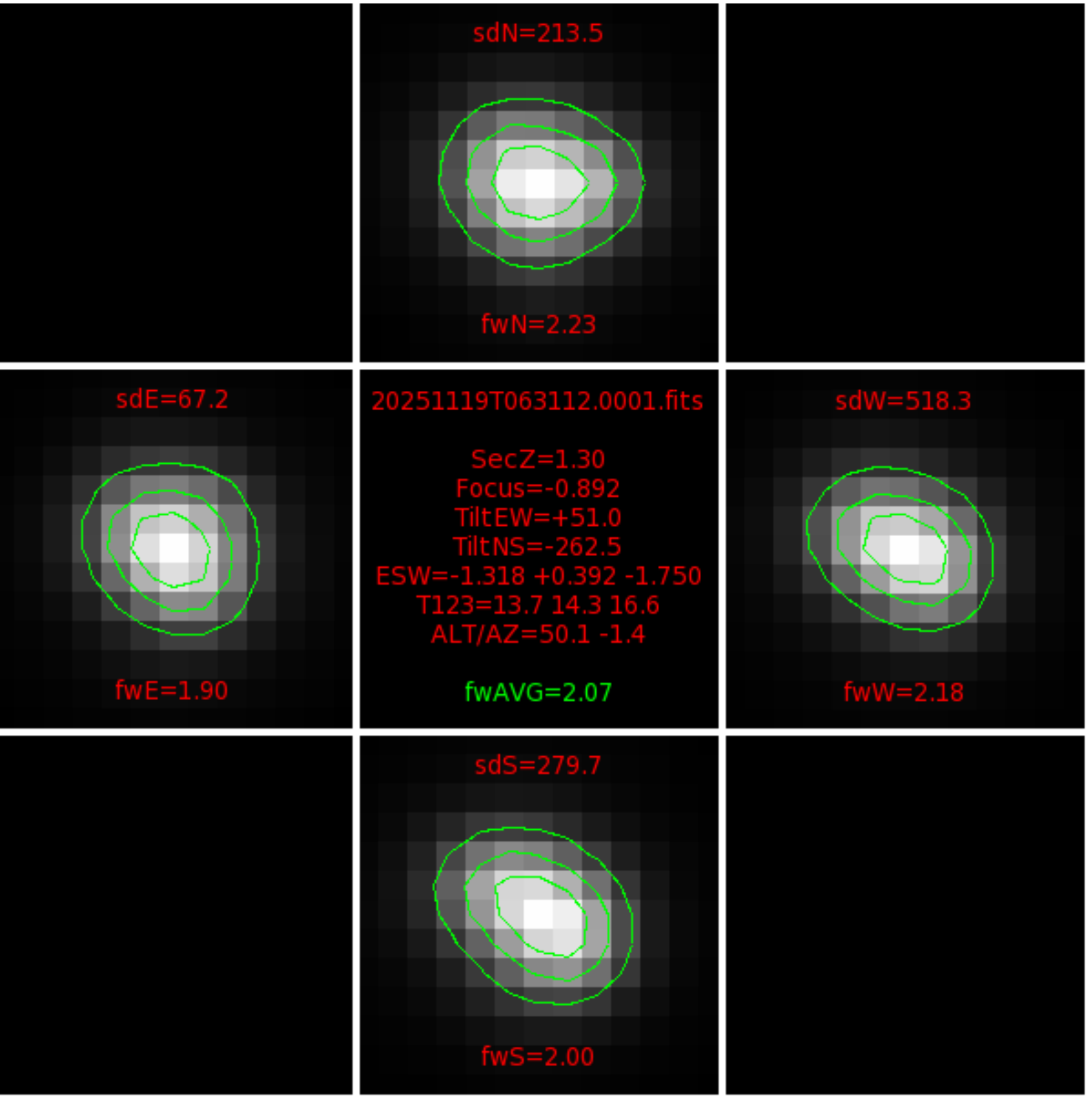

sdN=213.0
fwN=2.06
sdE=58.0
fwE=1.89
20251119T062925.0001.fits
SecZ=1.30
Focus=-0.899
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.325 +0.385 -1.757
T123=13.8 14.3 16.6
ALT/AZ=50.1 -1.2
fwAVG=2.03
sdW=541.4
fwW=1.94
sdS=303.0
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=213.5
fwN=2.23
sdE=67.2
fwE=1.90
20251119T063112.0001.fits
SecZ=1.30
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.7 14.3 16.6
ALT/AZ=50.1 -1.4
fwAVG=2.07
sdW=518.3
fwW=2.18
sdS=279.7
fwS=2.00
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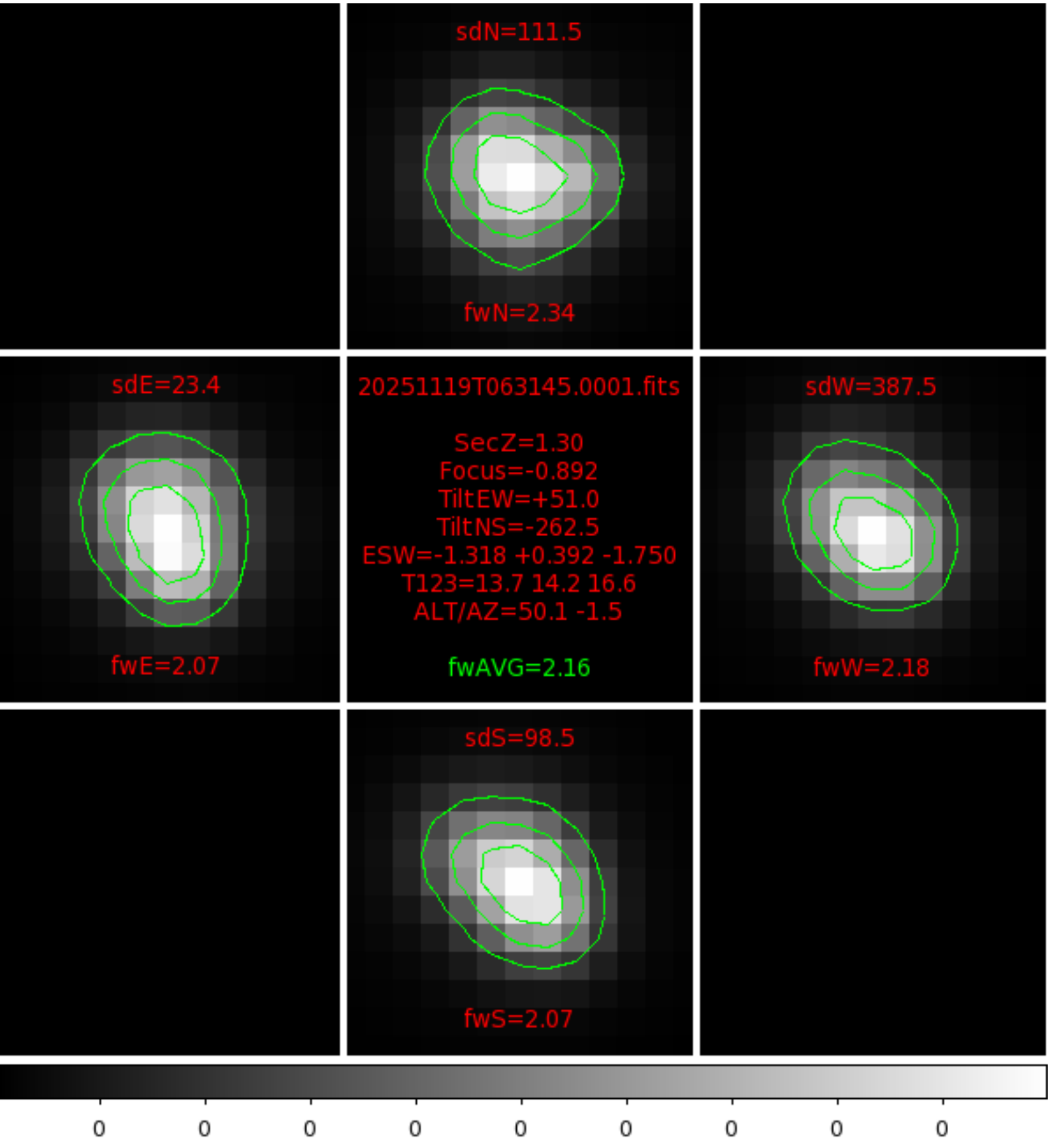
sdN=111.5
fwN=2.34
sdE=23.4
fwE=2.07
20251119T063145.0001.fits
SecZ=1.30
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.7 14.2 16.6
ALT/AZ=50.1 -1.5
fwAVG=2.16
sdW=387.5
fwW=2.18
sdS=98.5
fwS=2.07
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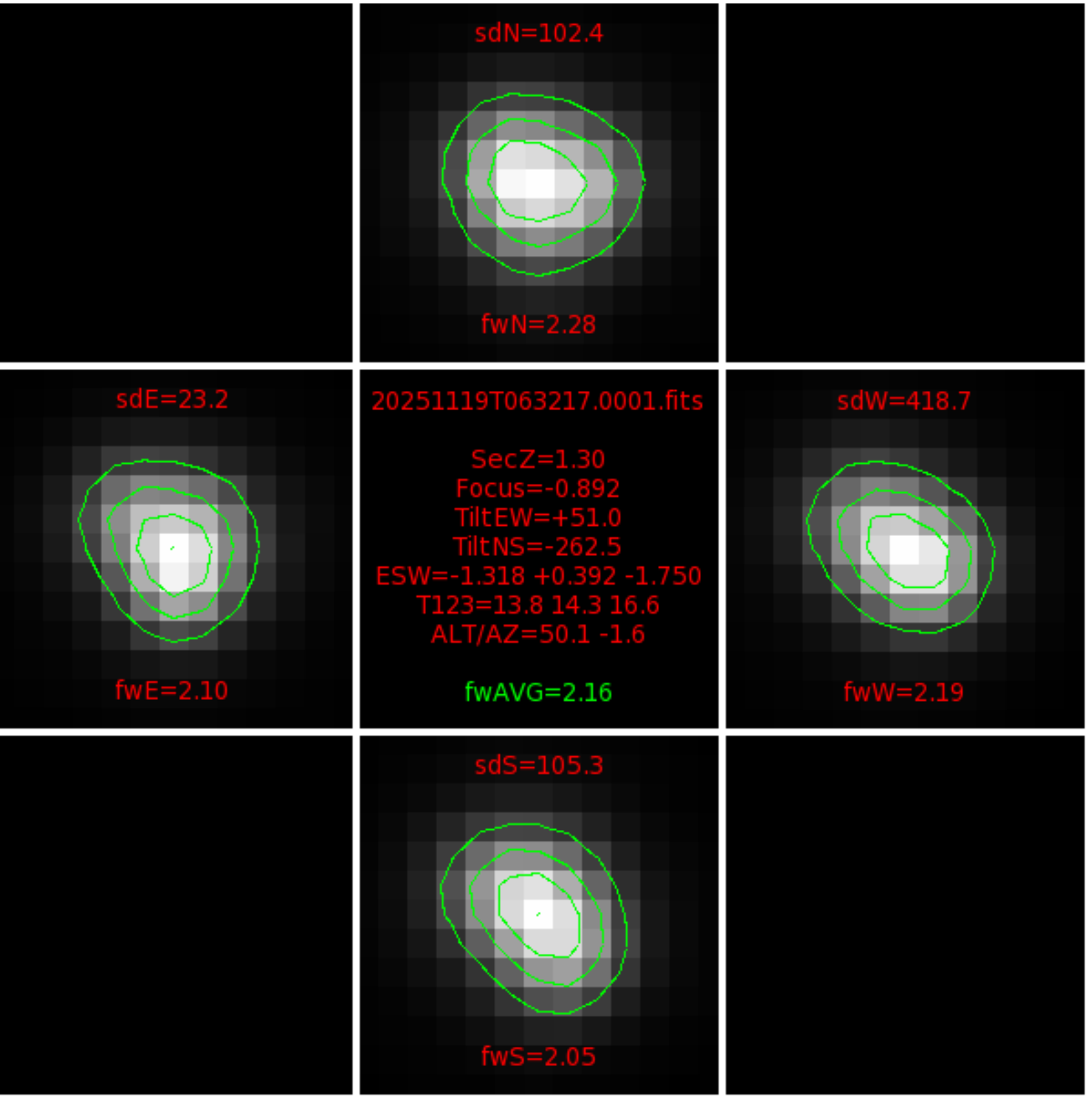
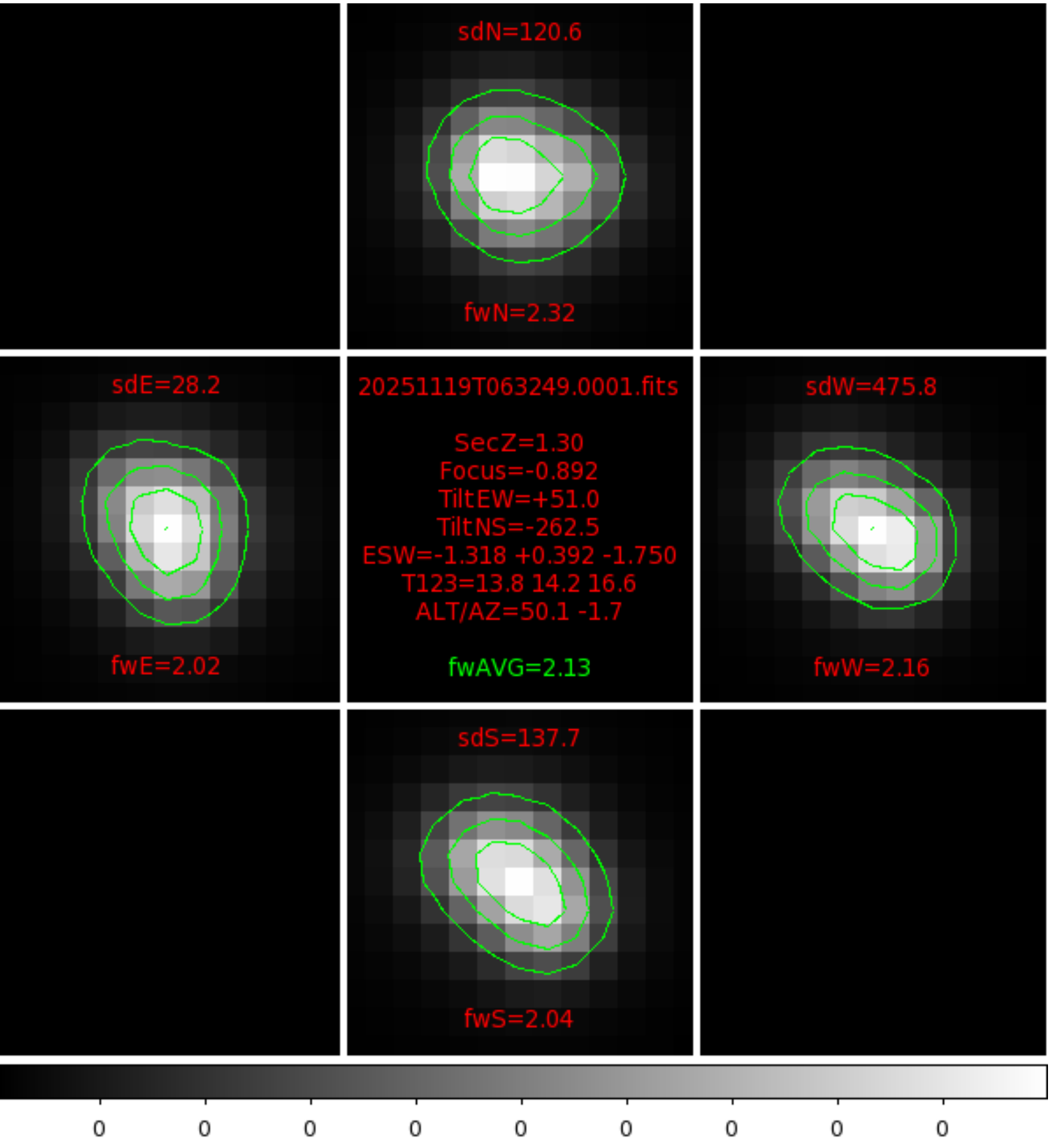

sdN=102.4
fwN=2.28
sdE=23.2
fwE=2.10
20251119T063217.0001.fits
SecZ=1.30
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.8 14.3 16.6
ALT/AZ=50.1 -1.6
fwAVG=2.16
sdW=418.7
fwW=2.19
sdS=105.3
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=120.6
fwN=2.32
sdE=28.2
fwE=2.02
20251119T063249.0001.fits
SecZ=1.30
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.8 14.2 16.6
ALT/AZ=50.1 -1.7
fwAVG=2.13
sdW=475.8
fwW=2.16
sdS=137.7
fwS=2.04
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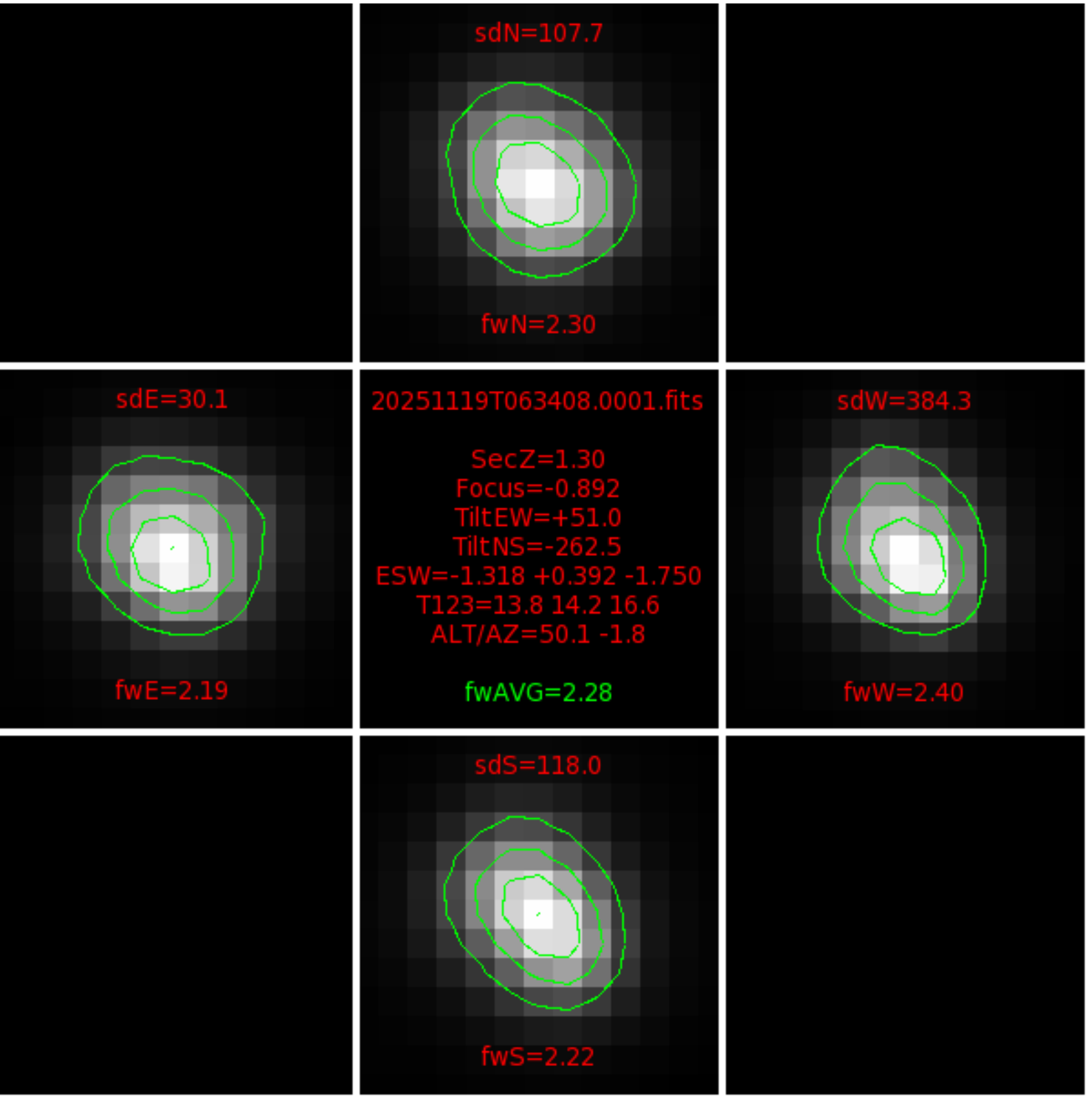
sdN=107.7
fwN=2.30
sdE=30.1
fwE=2.19
20251119T063408.0001.fits
SecZ=1.30
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.8 14.2 16.6
ALT/AZ=50.1 -1.8
fwAVG=2.28
sdW=384.3
fwW=2.40
sdS=118.0
fwS=2.22
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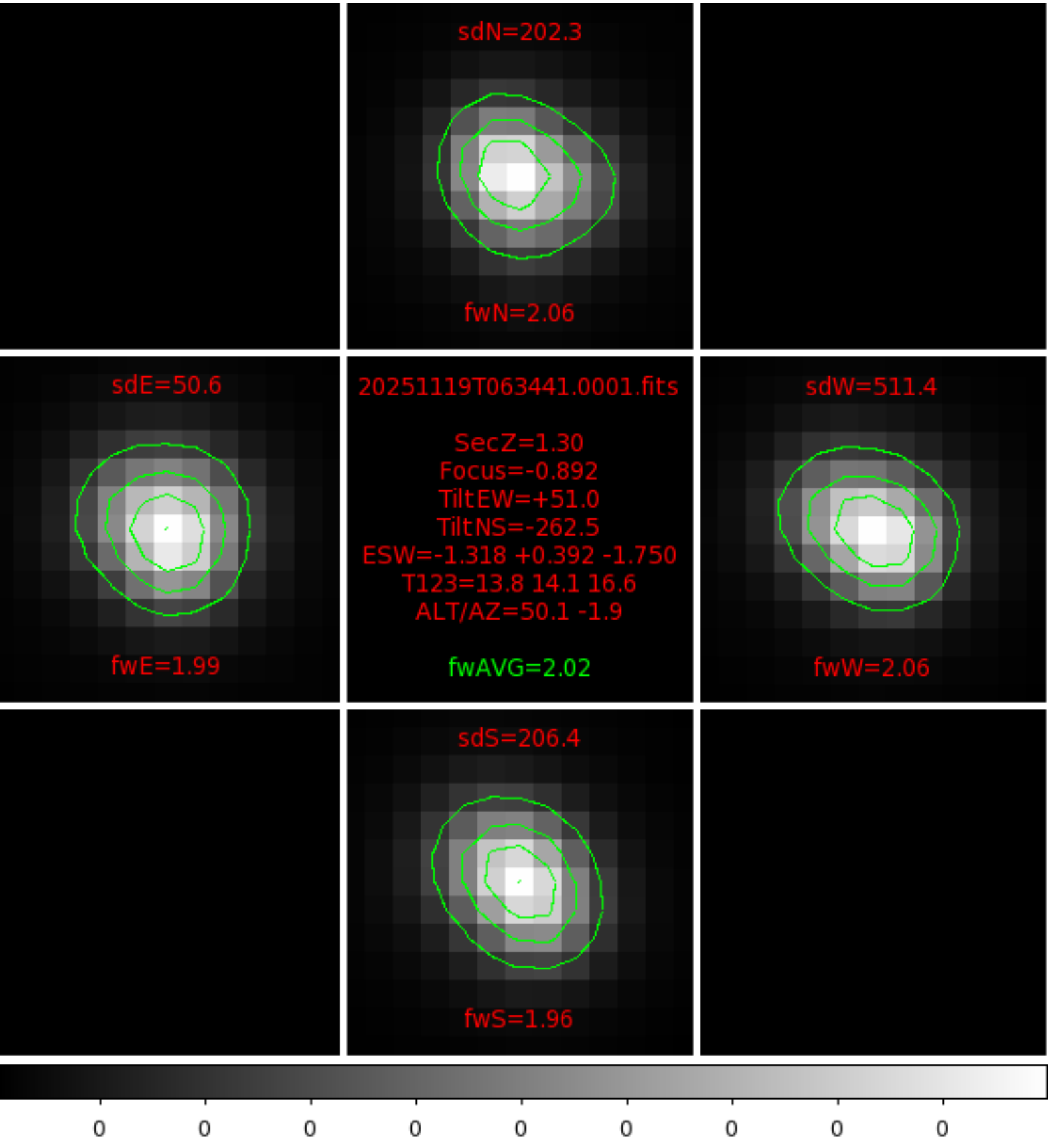
sdN=202.3
fwN=2.06
sdE=50.6
fwE=1.99
20251119T063441.0001.fits
SecZ=1.30
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.8 14.1 16.6
ALT/AZ=50.1 -1.9
fwAVG=2.02
sdW=511.4
fwW=2.06
sdS=206.4
fwS=1.96
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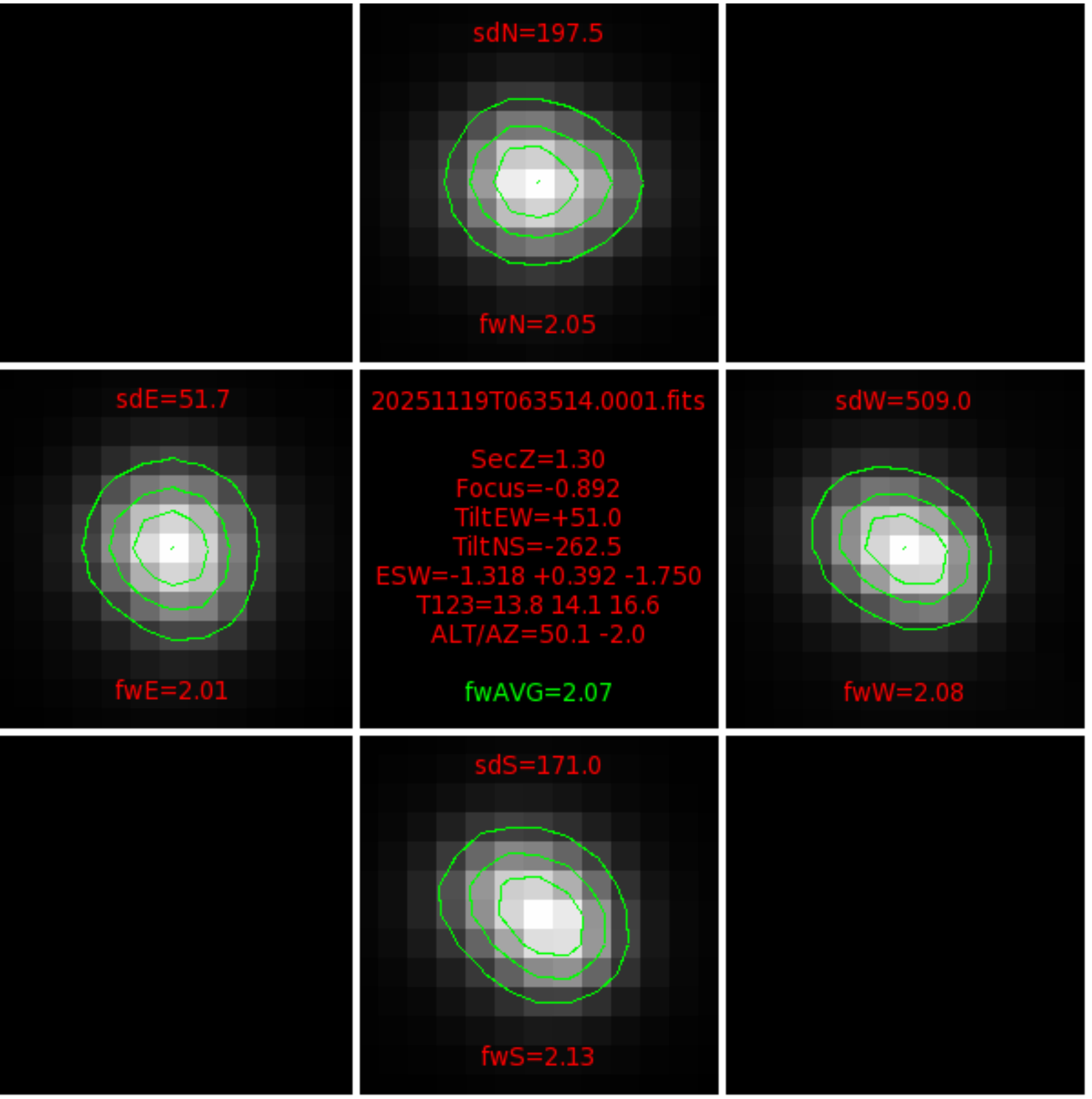
sdN=197.5
fwN=2.05
sdE=51.7
fwE=2.01
20251119T063514.0001.fits
SecZ=1.30
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.8 14.1 16.6
ALT/AZ=50.1 -2.0
fwAVG=2.07
sdW=509.0
fwW=2.08
sdS=171.0
fwS=2.13
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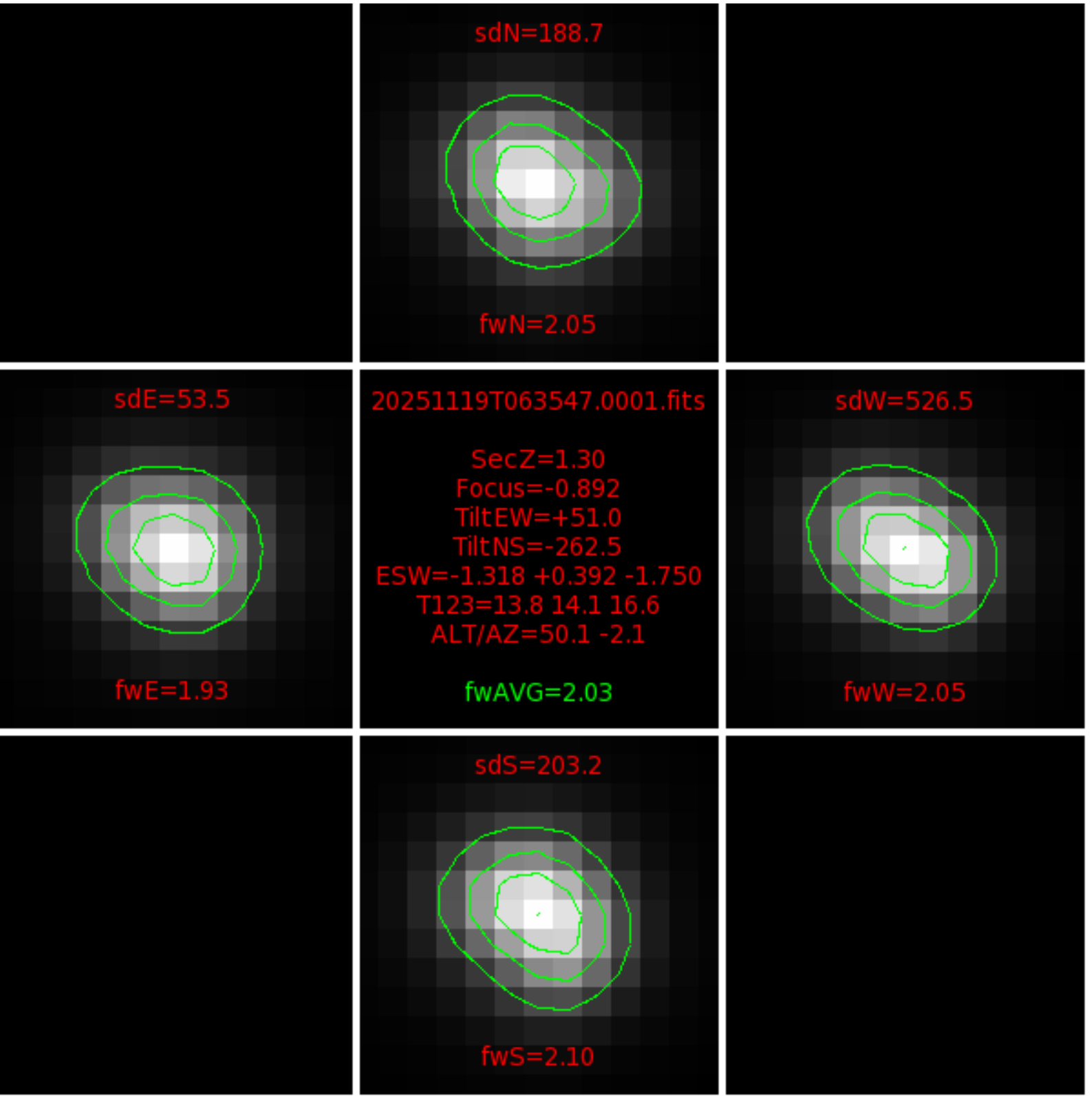
sdN=188.7
fwN=2.05
sdE=53.5
fwE=1.93
20251119T063547.0001.fits
SecZ=1.30
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.8 14.1 16.6
ALT/AZ=50.1 -2.1
fwAVG=2.03
sdW=526.5
fwW=2.05
sdS=203.2
fwS=2.10
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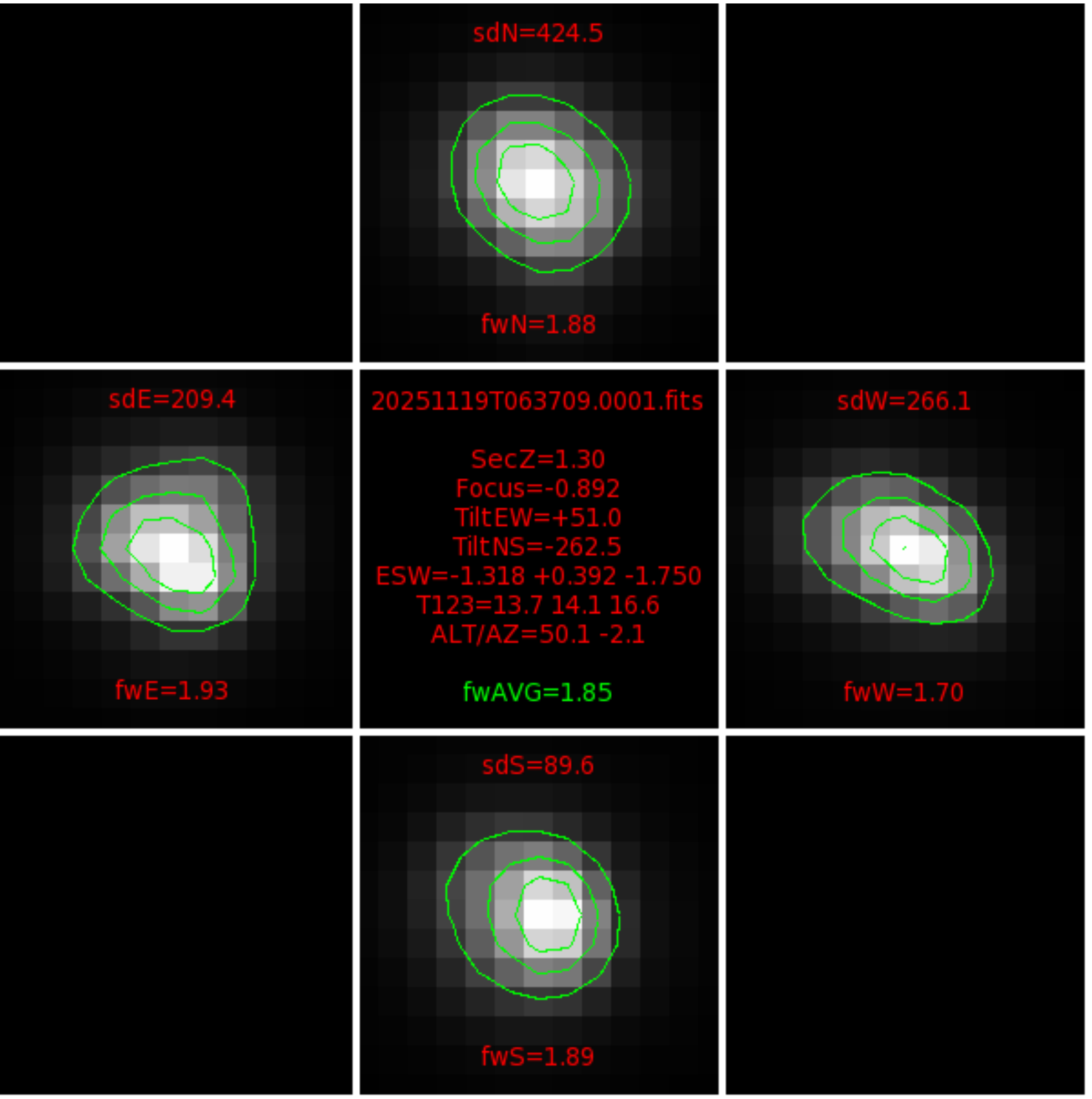
sdN=424.5
fwN=1.88
sdE=209.4
fwE=1.93
20251119T063709.0001.fits
SecZ=1.30
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.7 14.1 16.6
ALT/AZ=50.1 -2.1
fwAVG=1.85
sdW=266.1
fwW=1.70
sdS=89.6
fwS=1.89
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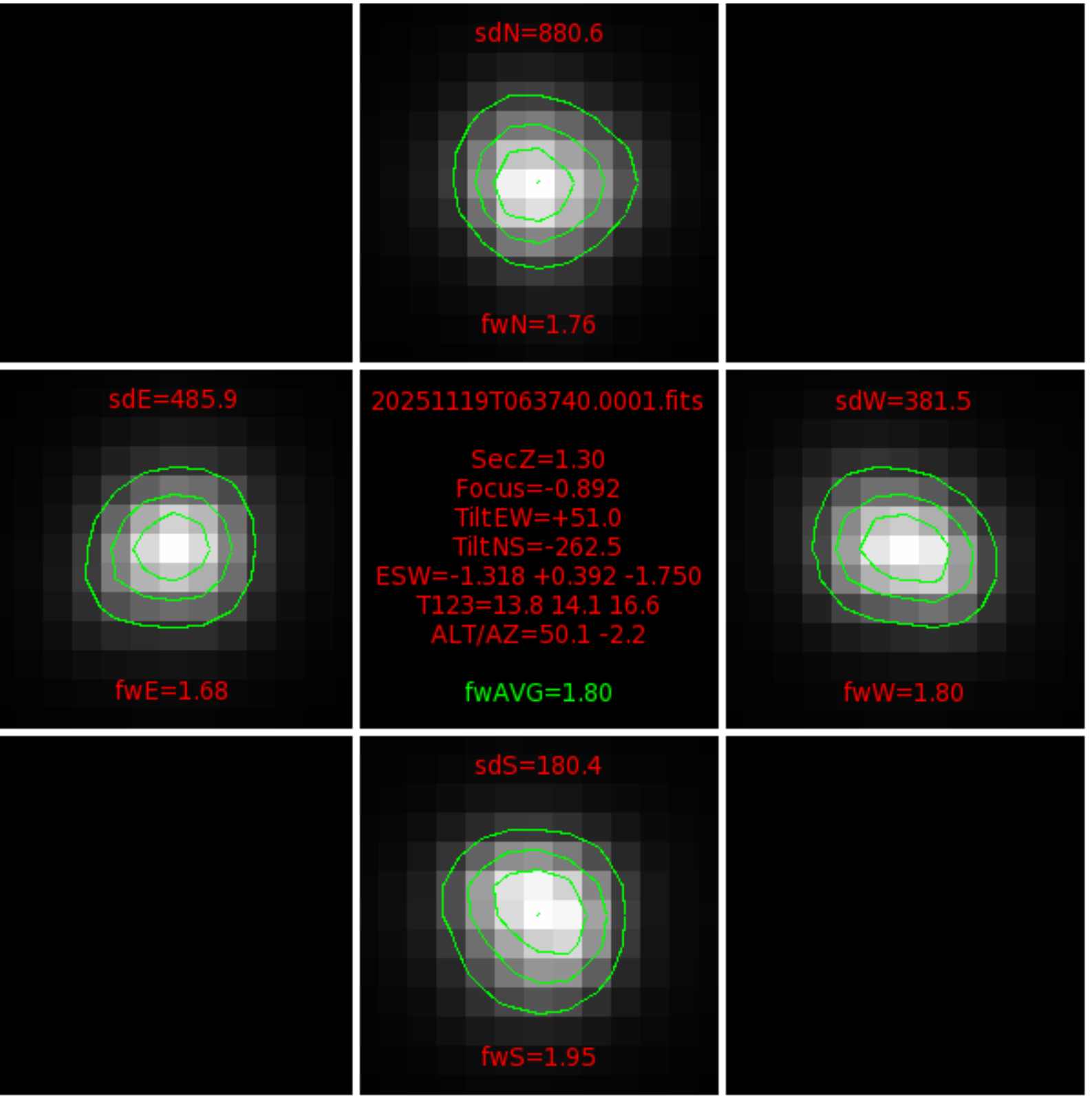
sdN=880.6
fwN=1.76
sdE=485.9
fwE=1.68
20251119T063740.0001.fits
SecZ=1.30
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.8 14.1 16.6
ALT/AZ=50.1 -2.2
fwAVG=1.80
sdW=381.5
fwW=1.80
sdS=180.4
fwS=1.95
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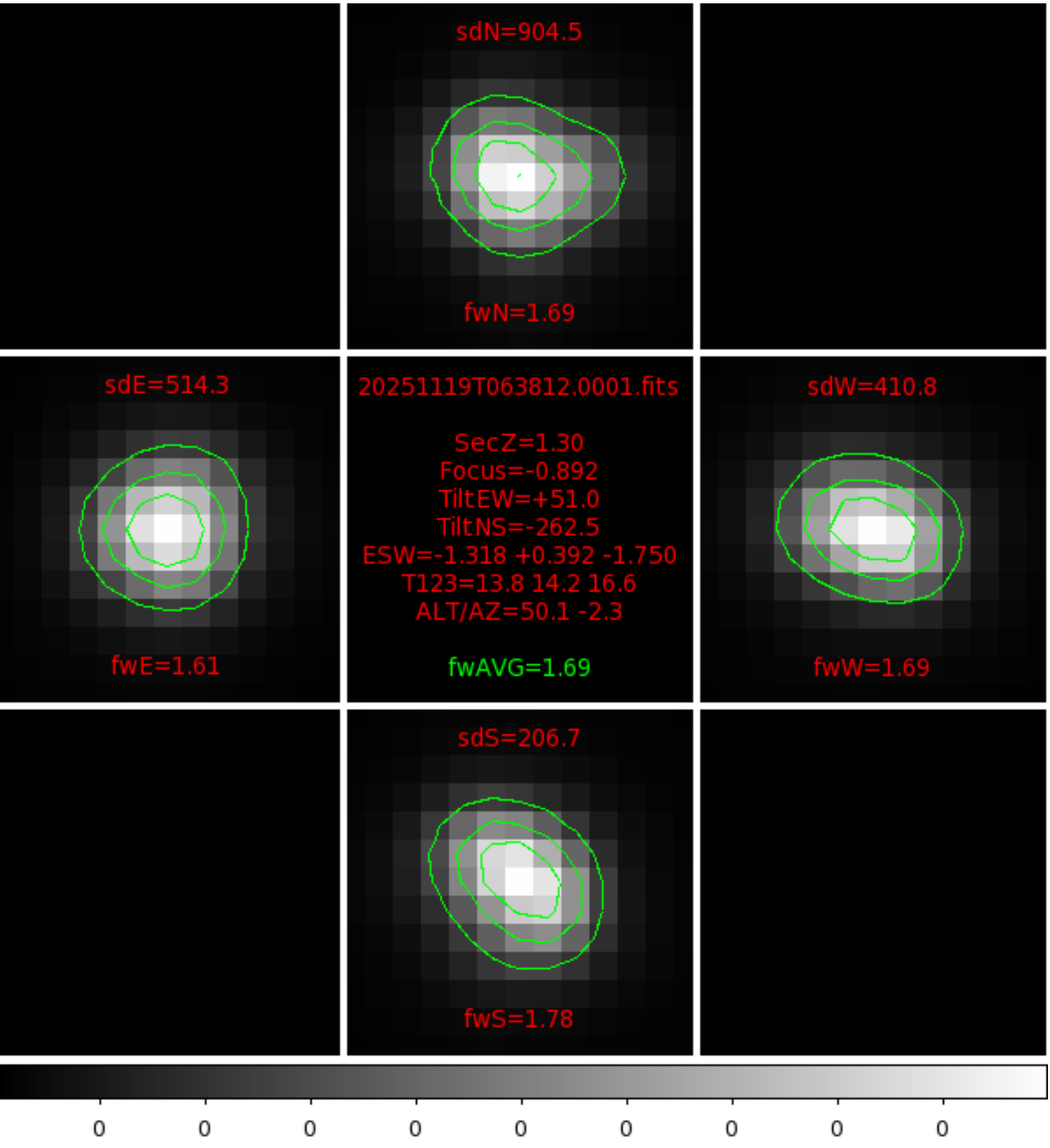
sdN=904.5
fwN=1.69
sdE=514.3
fwE=1.61
20251119T063812.0001.fits
SecZ=1.30
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.8 14.2 16.6
ALT/AZ=50.1 -2.3
fwAVG=1.69
sdW=410.8
fwW=1.69
sdS=206.7
fwS=1.78
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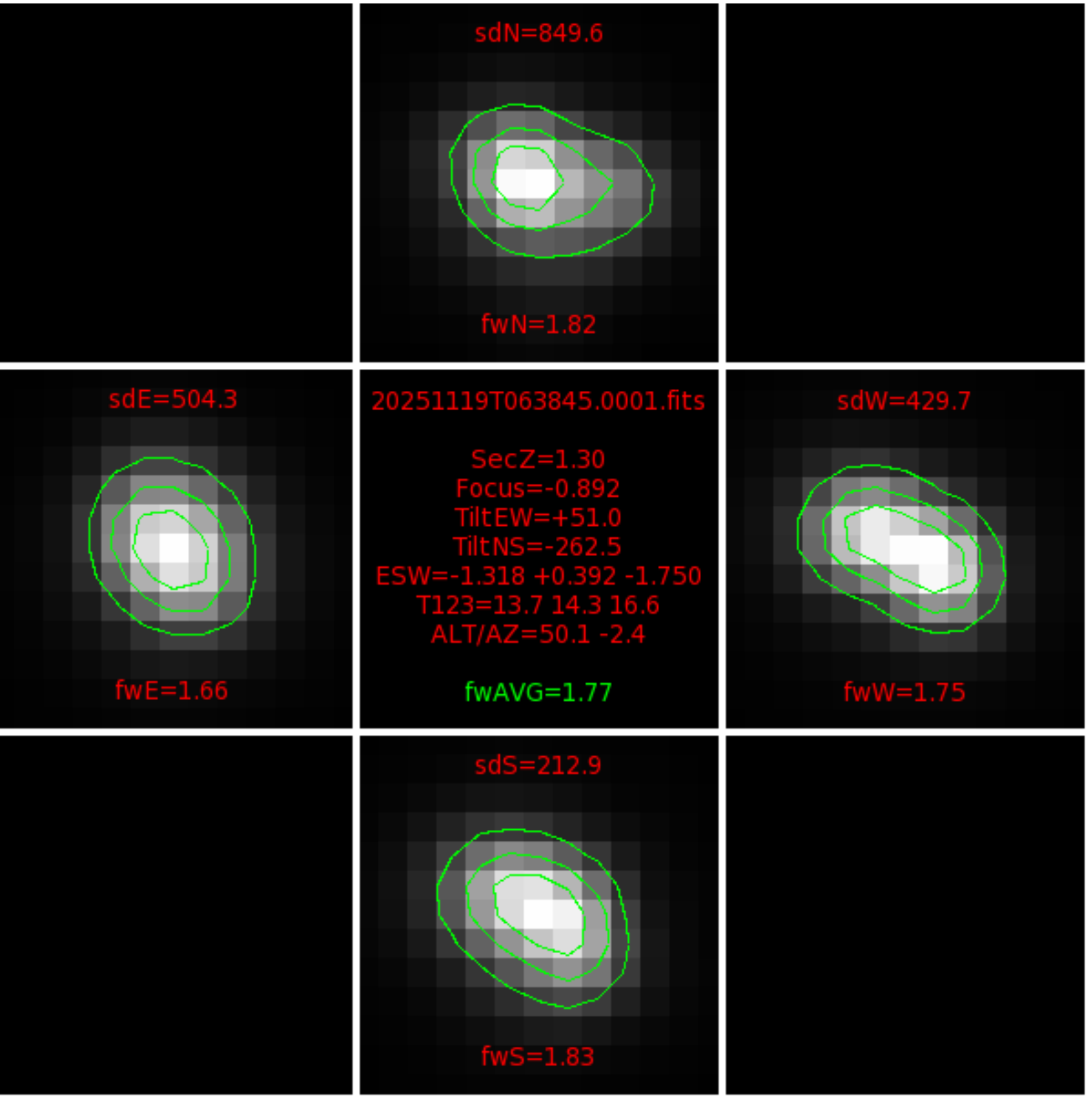
sdN=849.6
fwN=1.82
sdE=504.3
fwE=1.66
20251119T063845.0001.fits
SecZ=1.30
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.7 14.3 16.6
ALT/AZ=50.1 -2.4
fwAVG=1.77
sdW=429.7
fwW=1.75
sdS=212.9
fwS=1.83
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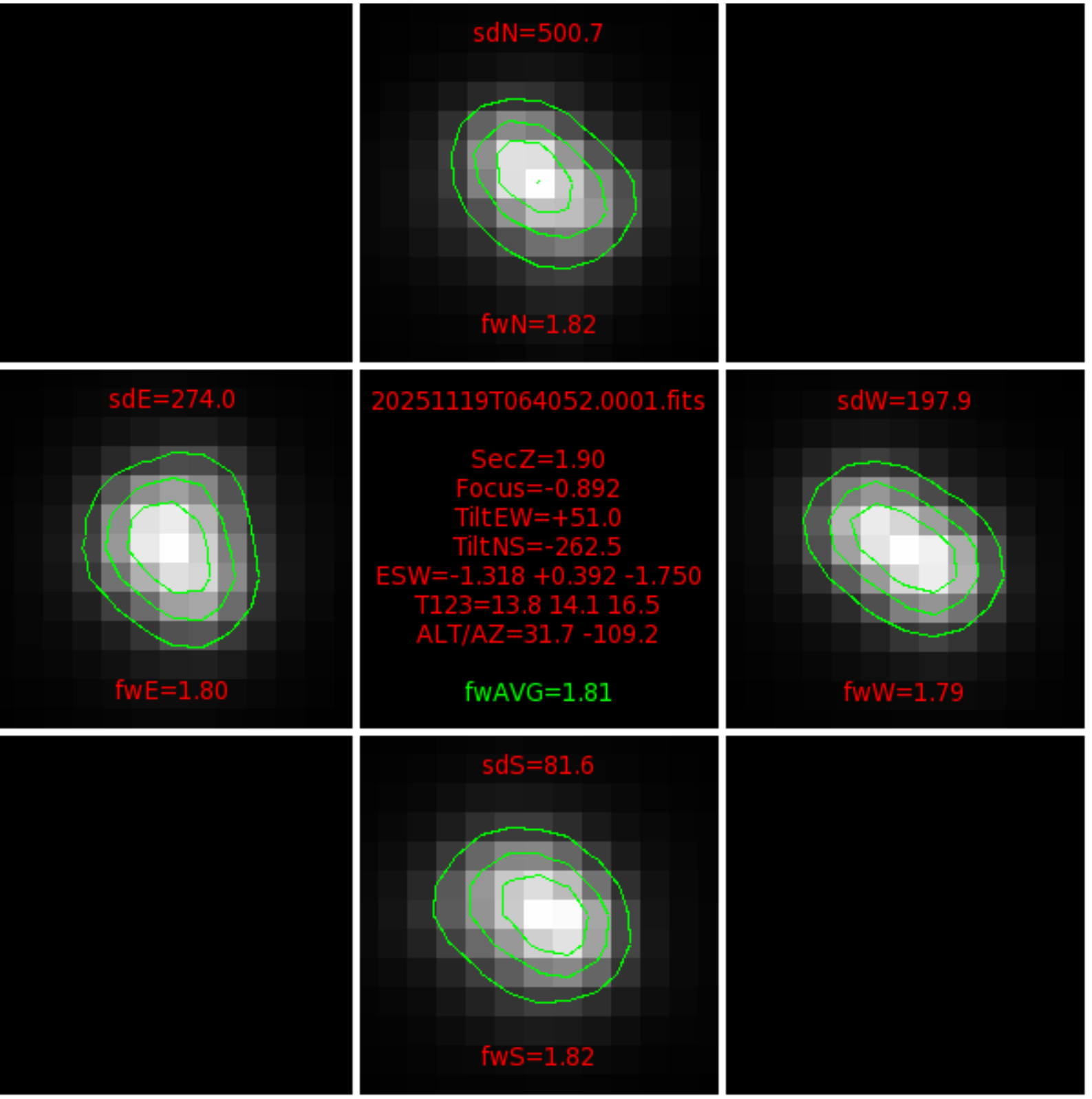
sdN=500.7
fwN=1.82
sdE=274.0
fwE=1.80
20251119T064052.0001.fits
SecZ=1.90
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.8 14.1 16.5
ALT/AZ=31.7 -109.2
fwAVG=1.81
sdW=197.9
fwW=1.79
sdS=81.6
fwS=1.82
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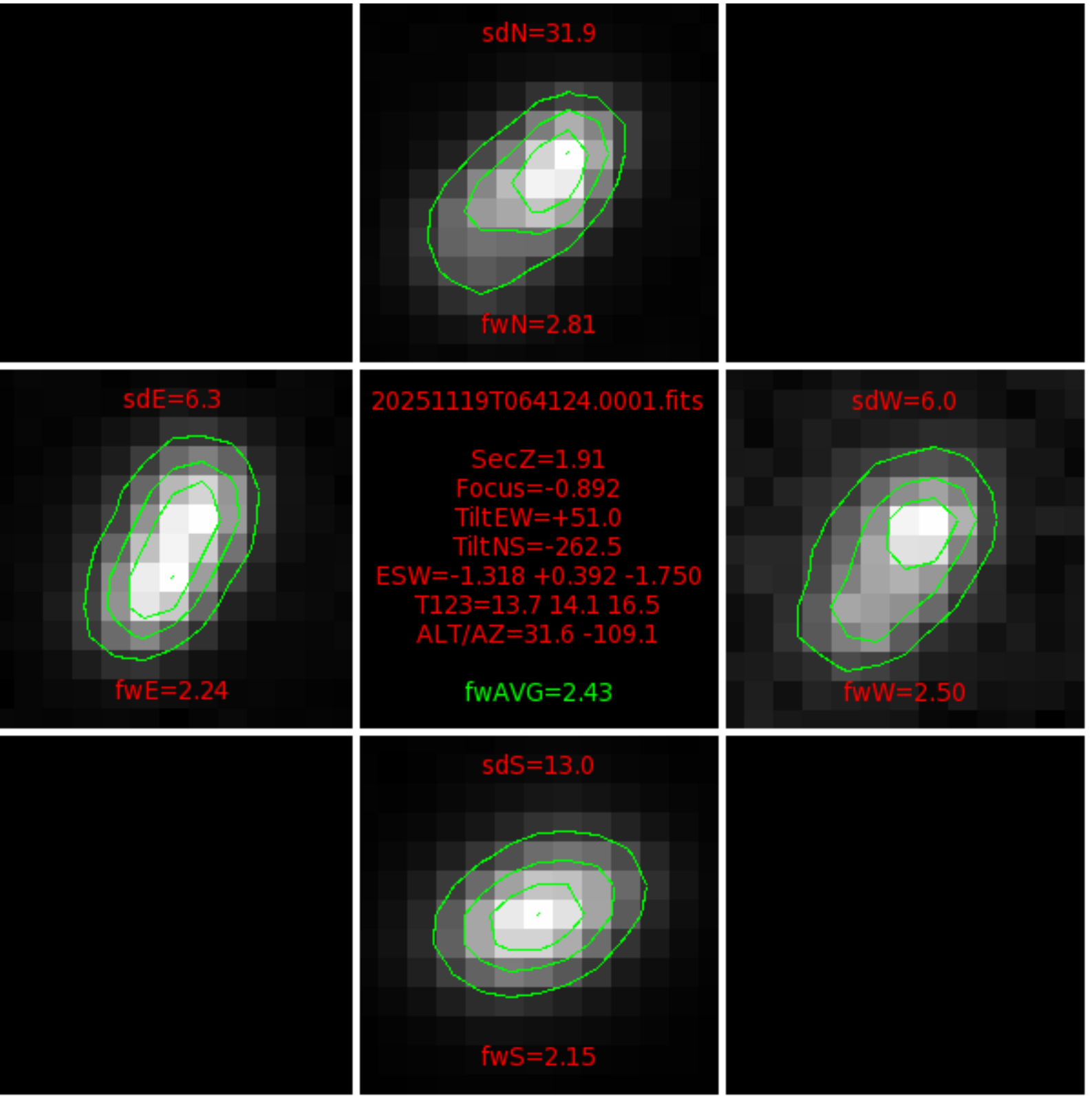
sdN=31.9
fwN=2.81
sdE=6.3
fwE=2.24
20251119T064124.0001.fits
SecZ=1.91
Focus=-0.892
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.318 +0.392 -1.750
T123=13.7 14.1 16.5
ALT/AZ=31.6 -109.1
fwAVG=2.43
sdW=6.0
fwW=2.50
sdS=13.0
fwS=2.15
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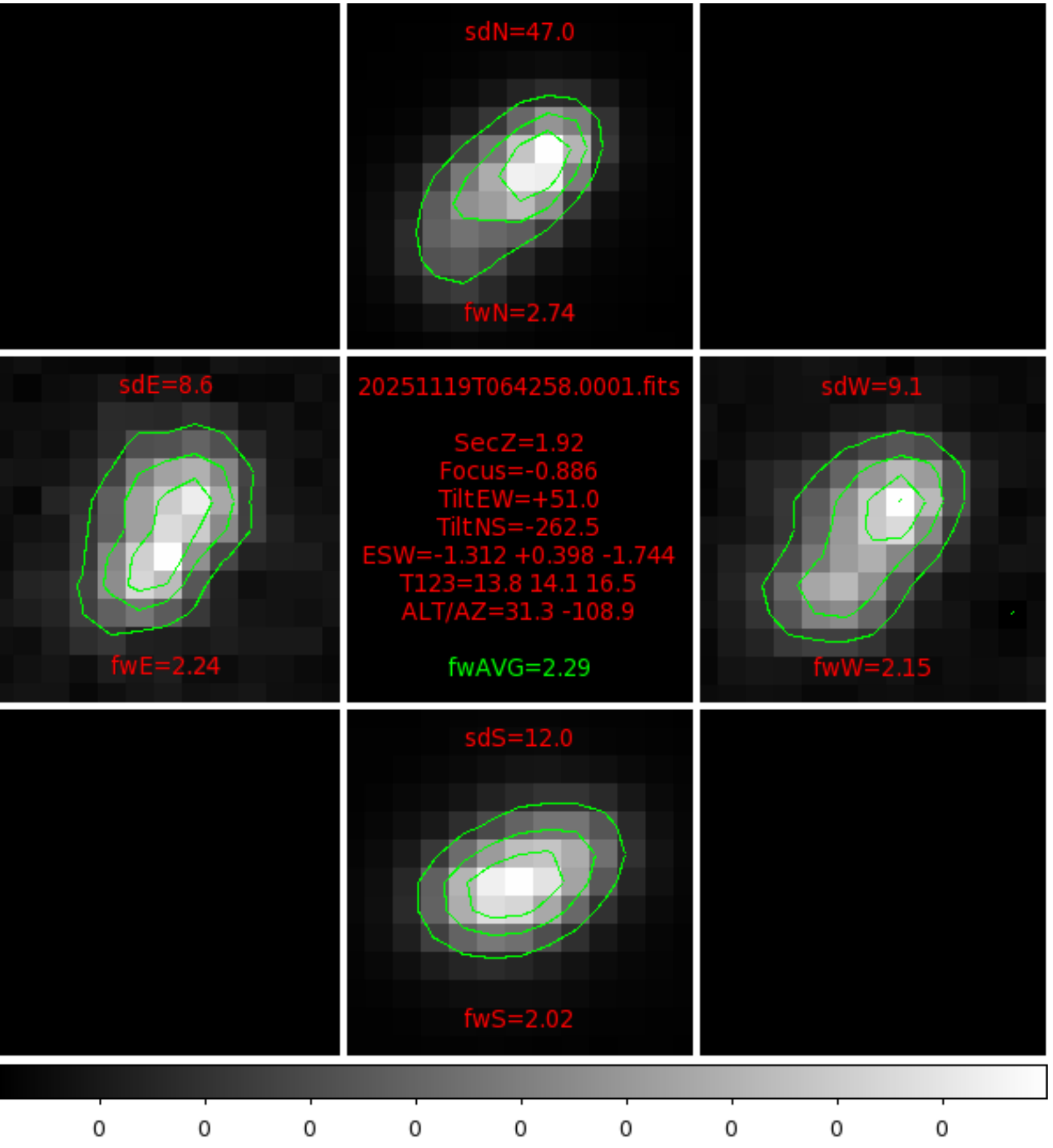
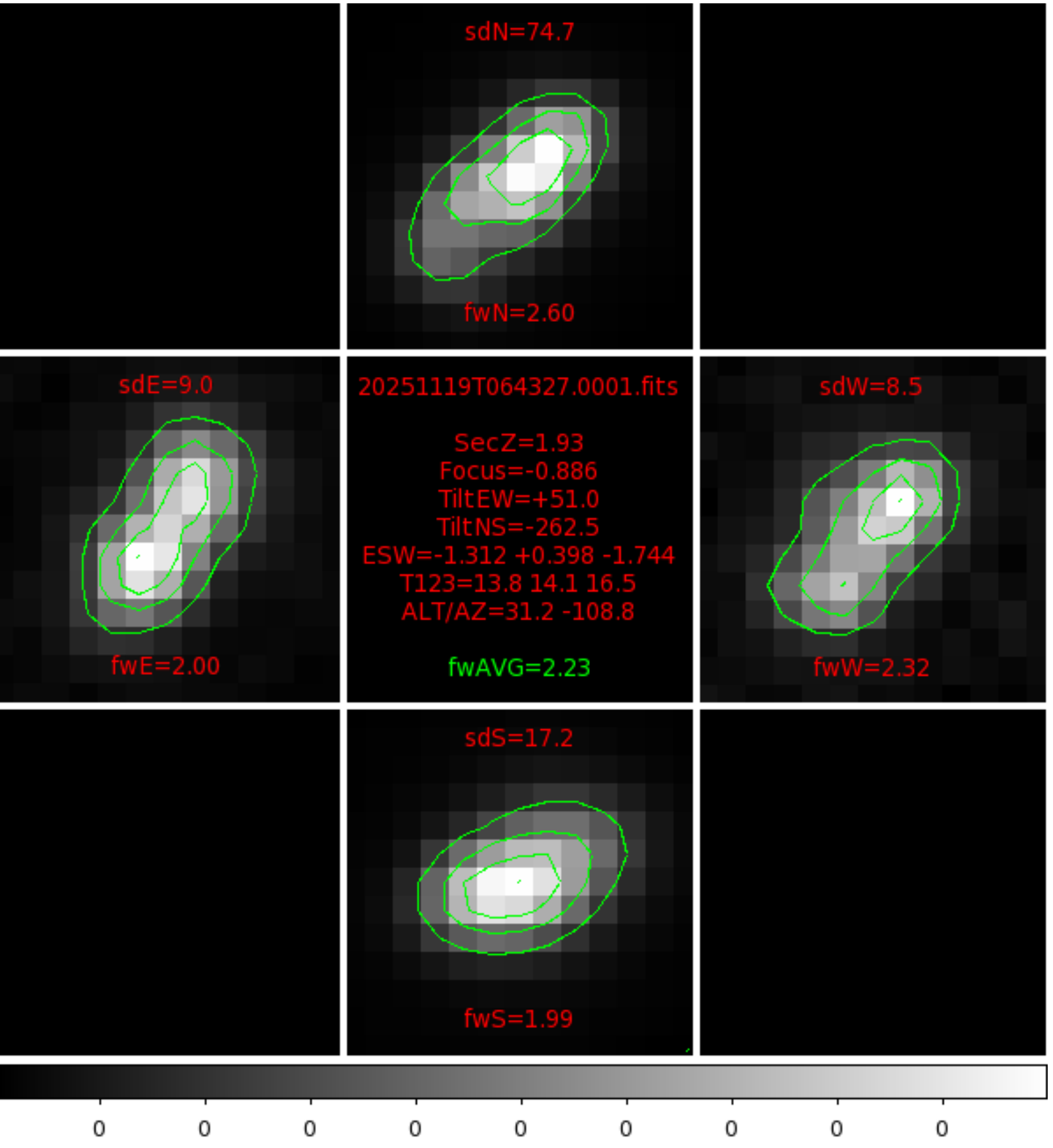
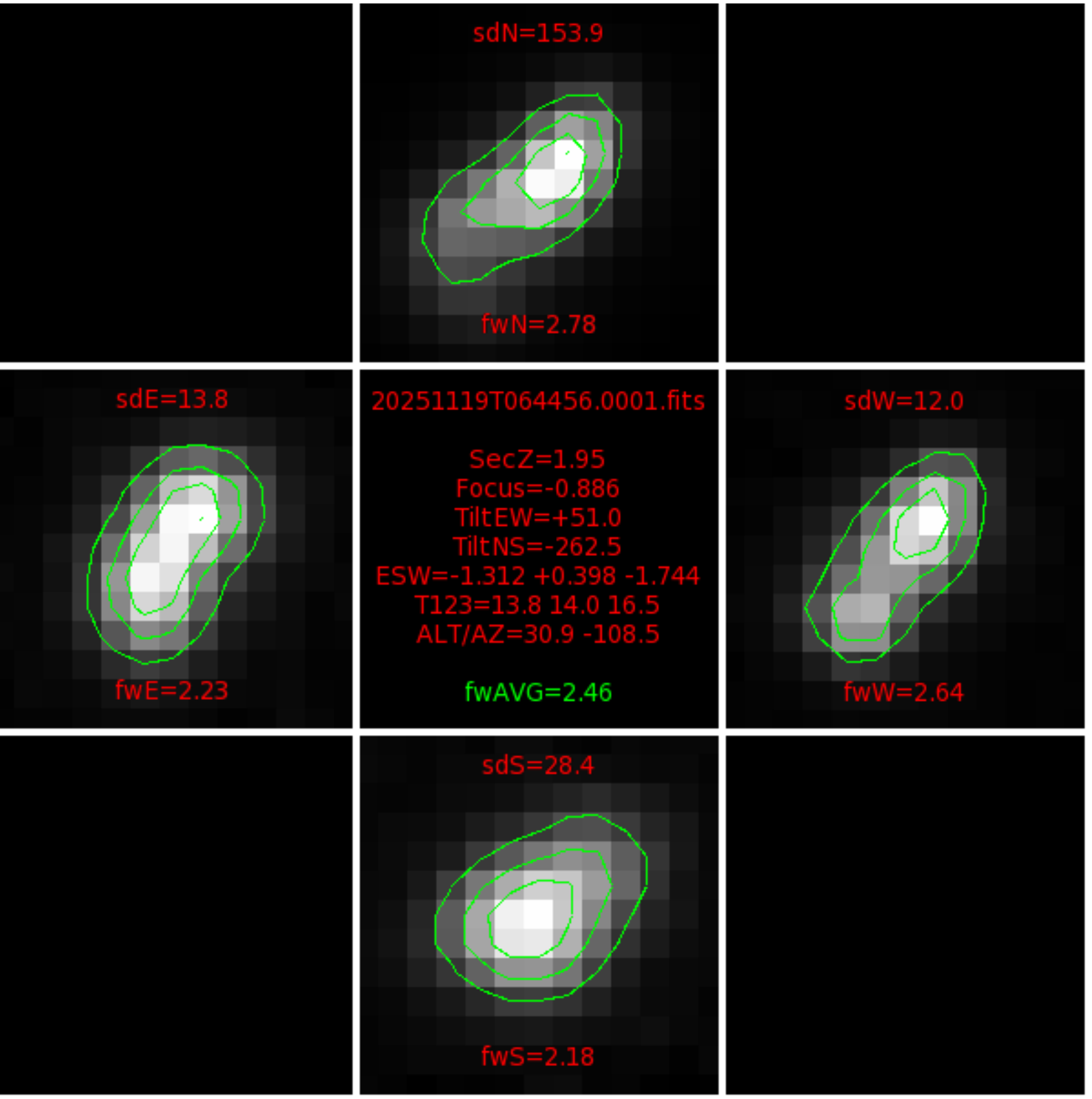

sdN=47.0
fwN=2.74
sdE=8.6
fwE=2.24
20251119T064258.0001.fits
SecZ=1.92
Focus=-0.886
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.312 +0.398 -1.744
T123=13.8 14.1 16.5
ALT/AZ=31.3 -108.9
fwAVG=2.29
sdW=9.1
fwW=2.15
sdS=12.0
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=74.7
fwN=2.60
sdE=9.0
fwE=2.00
20251119T064327.0001.fits
SecZ=1.93
Focus=-0.886
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.312 +0.398 -1.744
T123=13.8 14.1 16.5
ALT/AZ=31.2 -108.8
fwAVG=2.23
sdW=8.5
fwW=2.32
sdS=17.2
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=153.9
fwN=2.78
sdE=13.8
fwE=2.23
20251119T064456.0001.fits
SecZ=1.95
Focus=-0.886
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.312 +0.398 -1.744
T123=13.8 14.0 16.5
ALT/AZ=30.9 -108.5
fwAVG=2.46
sdW=12.0
fwW=2.64
sdS=28.4
fwS=2.18
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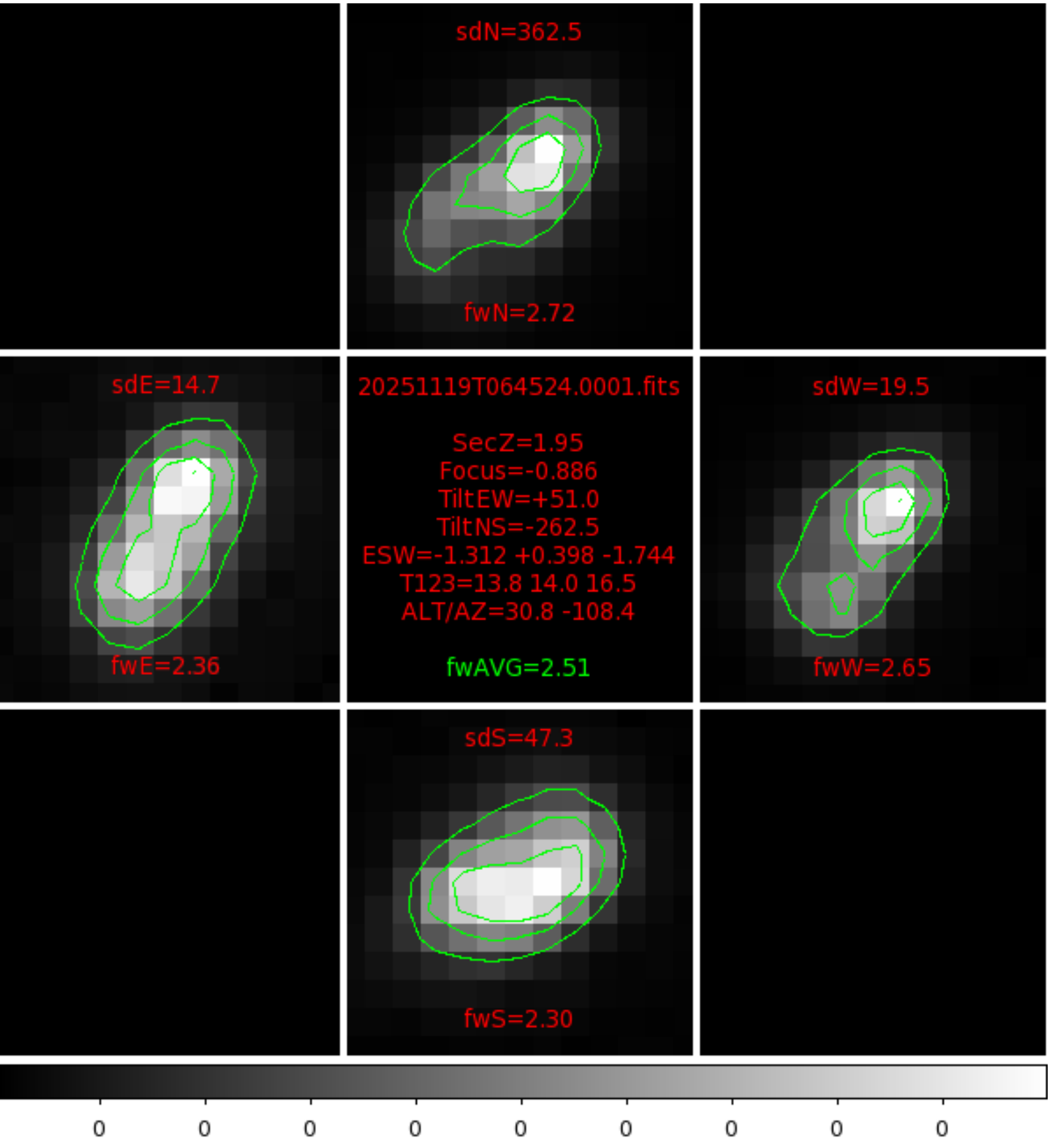
sdN=362.5
fwN=2.72
sdE=14.7
fwE=2.36
20251119T064524.0001.fits
SecZ=1.95
Focus=-0.886
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.312 +0.398 -1.744
T123=13.8 14.0 16.5
ALT/AZ=30.8 -108.4
fwAVG=2.51
sdW=19.5
fwW=2.65
sdS=47.3
fwS=2.30
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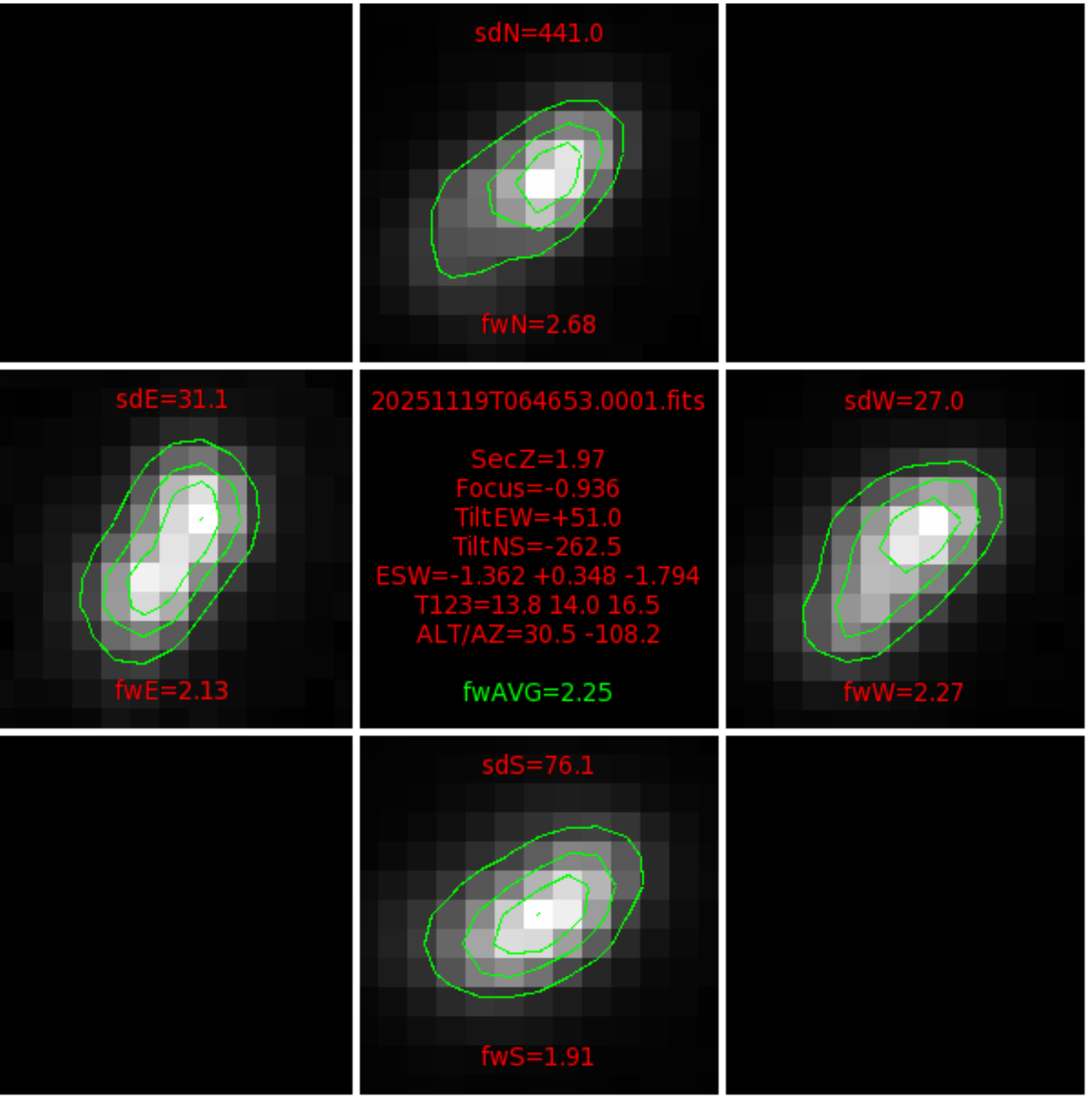
sdN=441.0
fwN=2.68
sdE=31.1
fwE=2.13
20251119T064653.0001.fits
SecZ=1.97
Focus=-0.936
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.362 +0.348 -1.794
T123=13.8 14.0 16.5
ALT/AZ=30.5 -108.2
fwAVG=2.25
sdW=27.0
fwW=2.27
sdS=76.1
fwS=1.91
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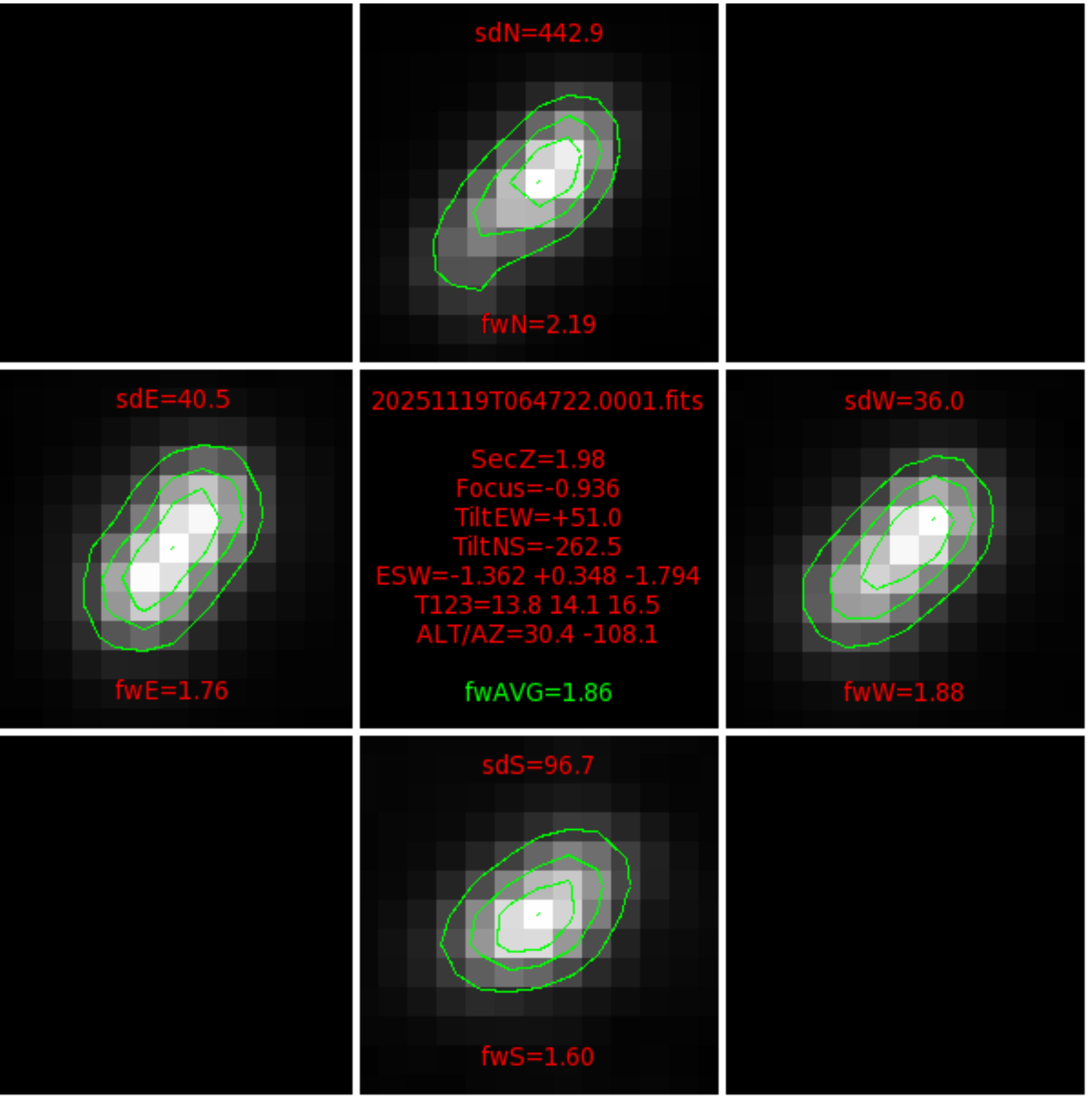
sdN=442.9
fwN=2.19
sdE=40.5
fwE=1.76
20251119T064722.0001.fits
SecZ=1.98
Focus=-0.936
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.362 +0.348 -1.794
T123=13.8 14.1 16.5
ALT/AZ=30.4 -108.1
fwAVG=1.86
sdW=36.0
fwW=1.88
sdS=96.7
fwS=1.60
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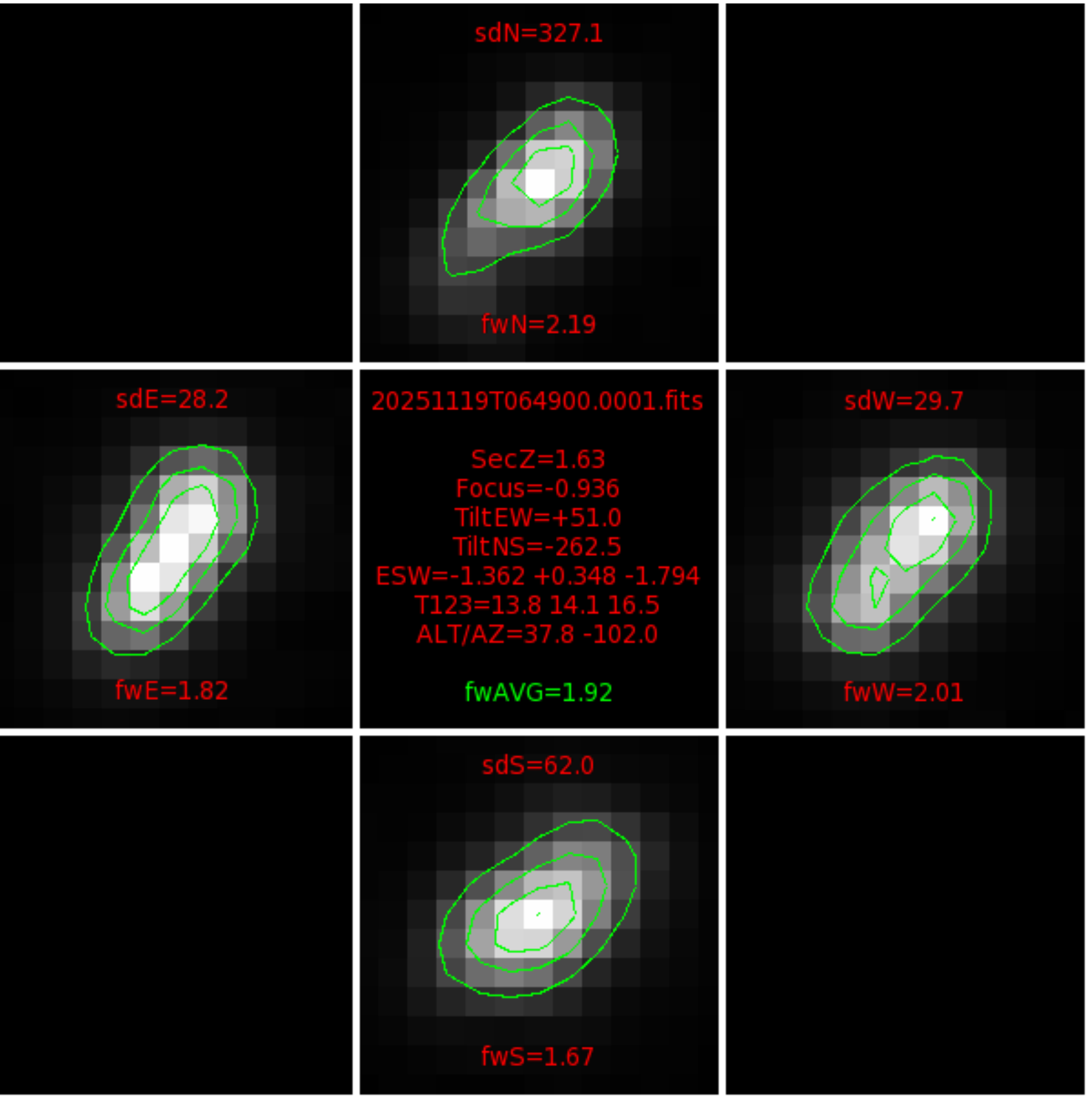
sdN=327.1
fwN=2.19
sdE=28.2
fwE=1.82
20251119T064900.0001.fits
SecZ=1.63
Focus=-0.936
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.362 +0.348 -1.794
T123=13.8 14.1 16.5
ALT/AZ=37.8 -102.0
fwAVG=1.92
sdW=29.7
fwW=2.01
sdS=62.0
fwS=1.67
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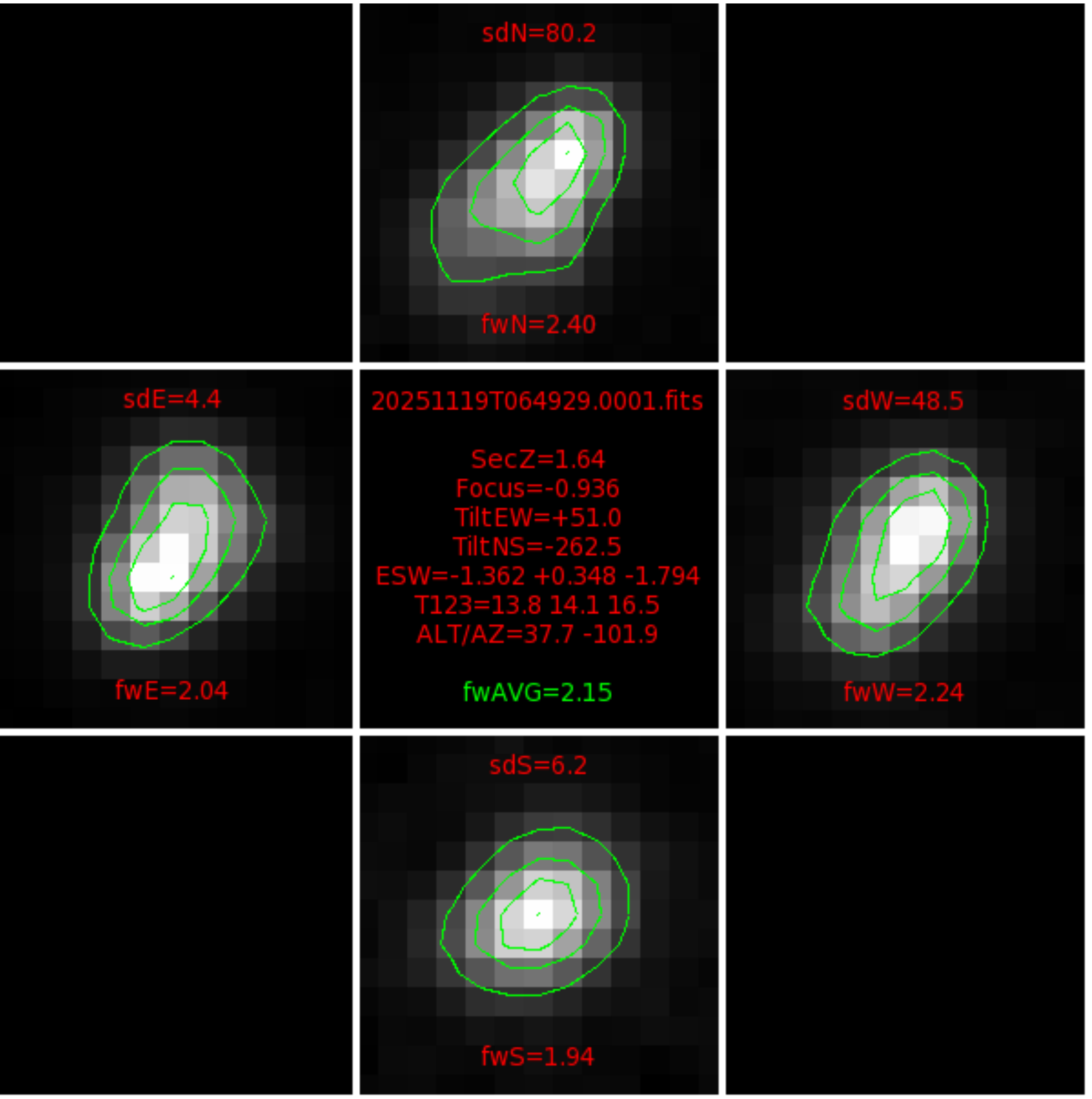
sdN=80.2
fwN=2.40
sdE=4.4
fwE=2.04
20251119T064929.0001.fits
SecZ=1.64
Focus=-0.936
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.362 +0.348 -1.794
T123=13.8 14.1 16.5
ALT/AZ=37.7 -101.9
fwAVG=2.15
sdW=48.5
fwW=2.24
sdS=6.2
fwS=1.94
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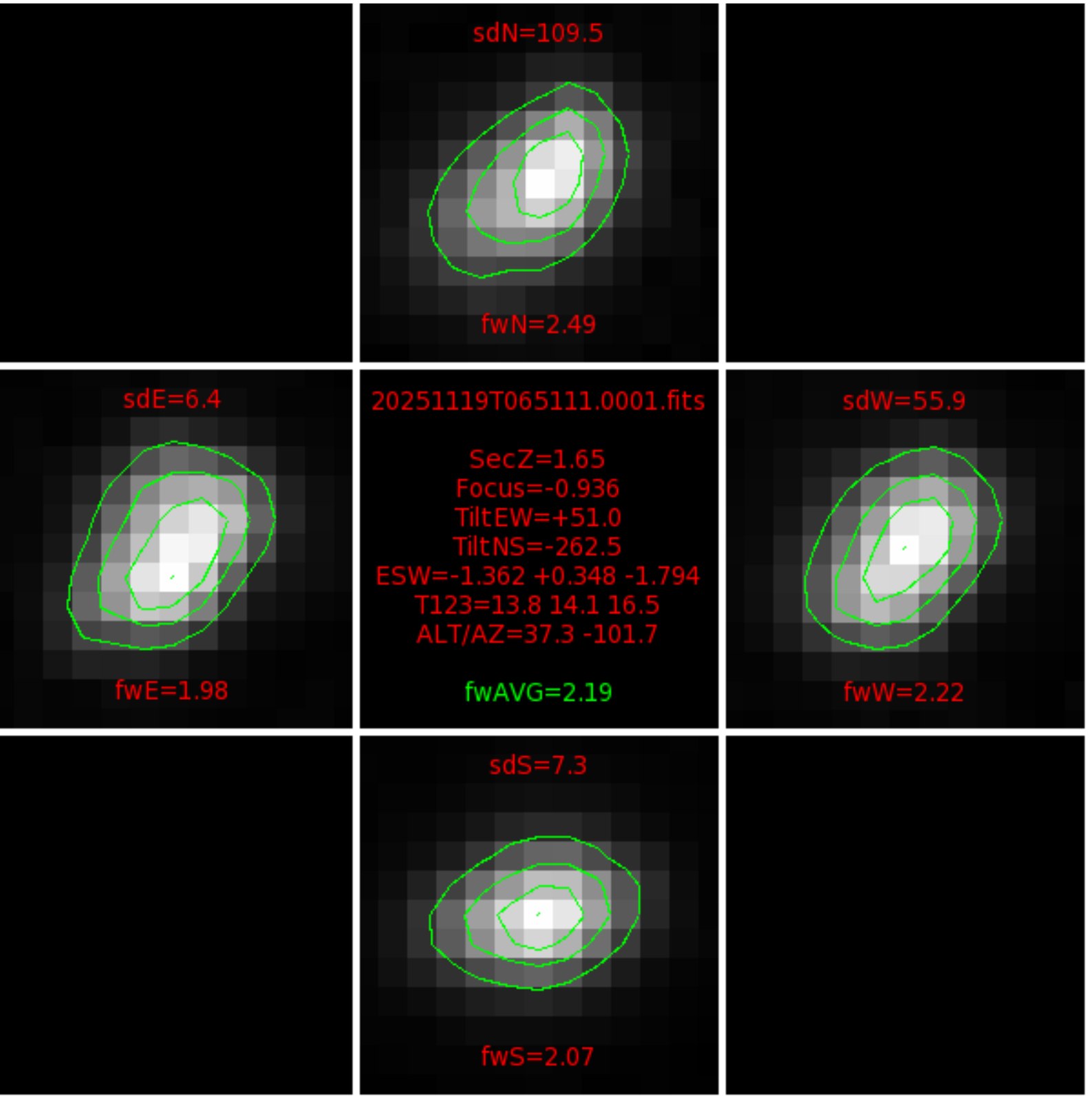
sdN=109.5
fwN=2.49
sdE=6.4
fwE=1.98
20251119T065111.0001.fits
SecZ=1.65
Focus=-0.936
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.362 +0.348 -1.794
T123=13.8 14.1 16.5
ALT/AZ=37.3 -101.7
fwAVG=2.19
sdW=55.9
fwW=2.22
sdS=7.3
fwS=2.07
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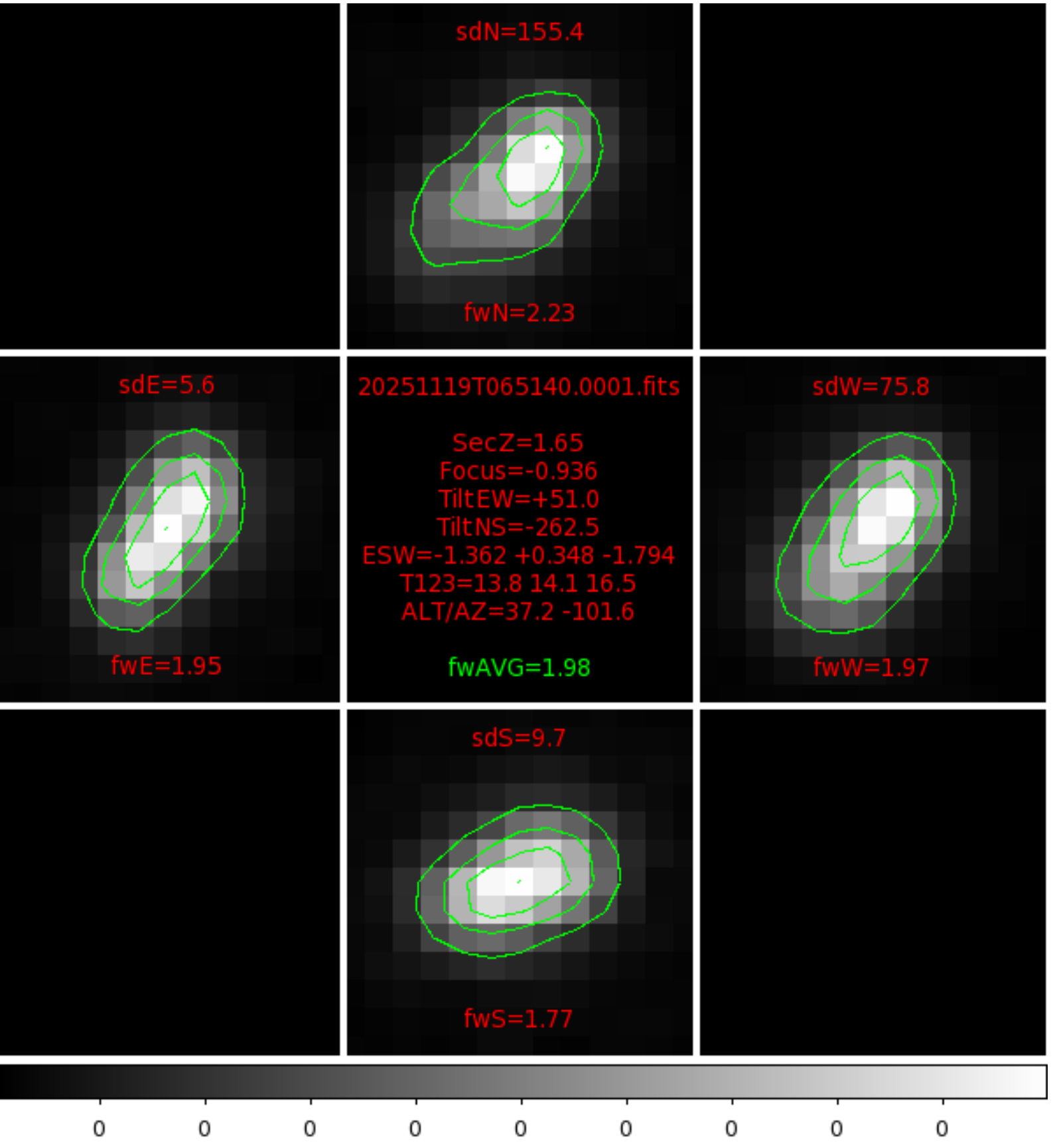
sdN=155.4
fwN=2.23
sdE=5.6
fwE=1.95
20251119T065140.0001.fits
SecZ=1.65
Focus=-0.936
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.362 +0.348 -1.794
T123=13.8 14.1 16.5
ALT/AZ=37.2 -101.6
fwAVG=1.98
sdW=75.8
fwW=1.97
sdS=9.7
fwS=1.77
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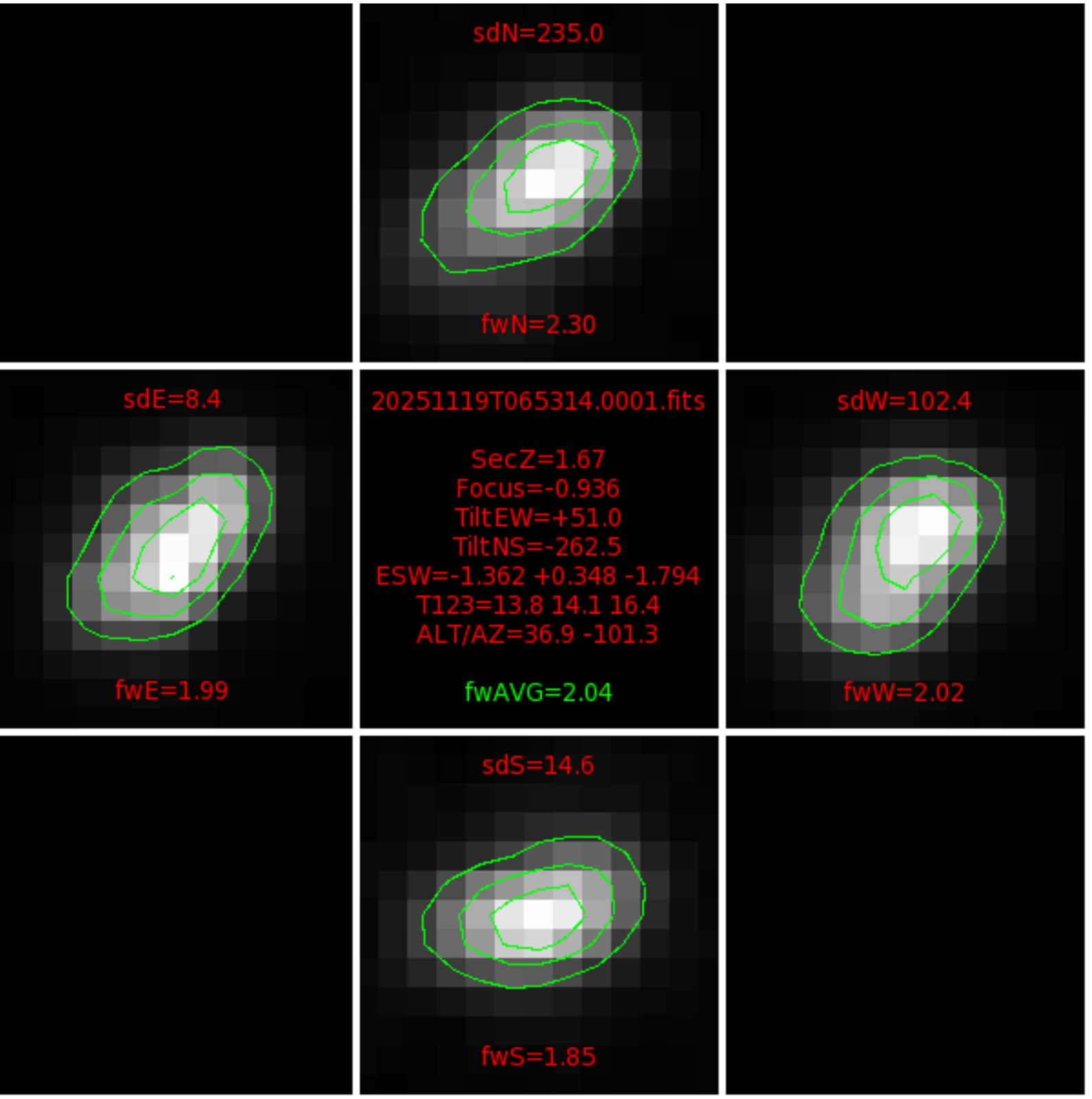
sdN=235.0
fwN=2.30
sdE=8.4
fwE=1.99
20251119T065314.0001.fits
SecZ=1.67
Focus=-0.936
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.362 +0.348 -1.794
T123=13.8 14.1 16.4
ALT/AZ=36.9 -101.3
fwAVG=2.04
sdW=102.4
fwW=2.02
sdS=14.6
fwS=1.85
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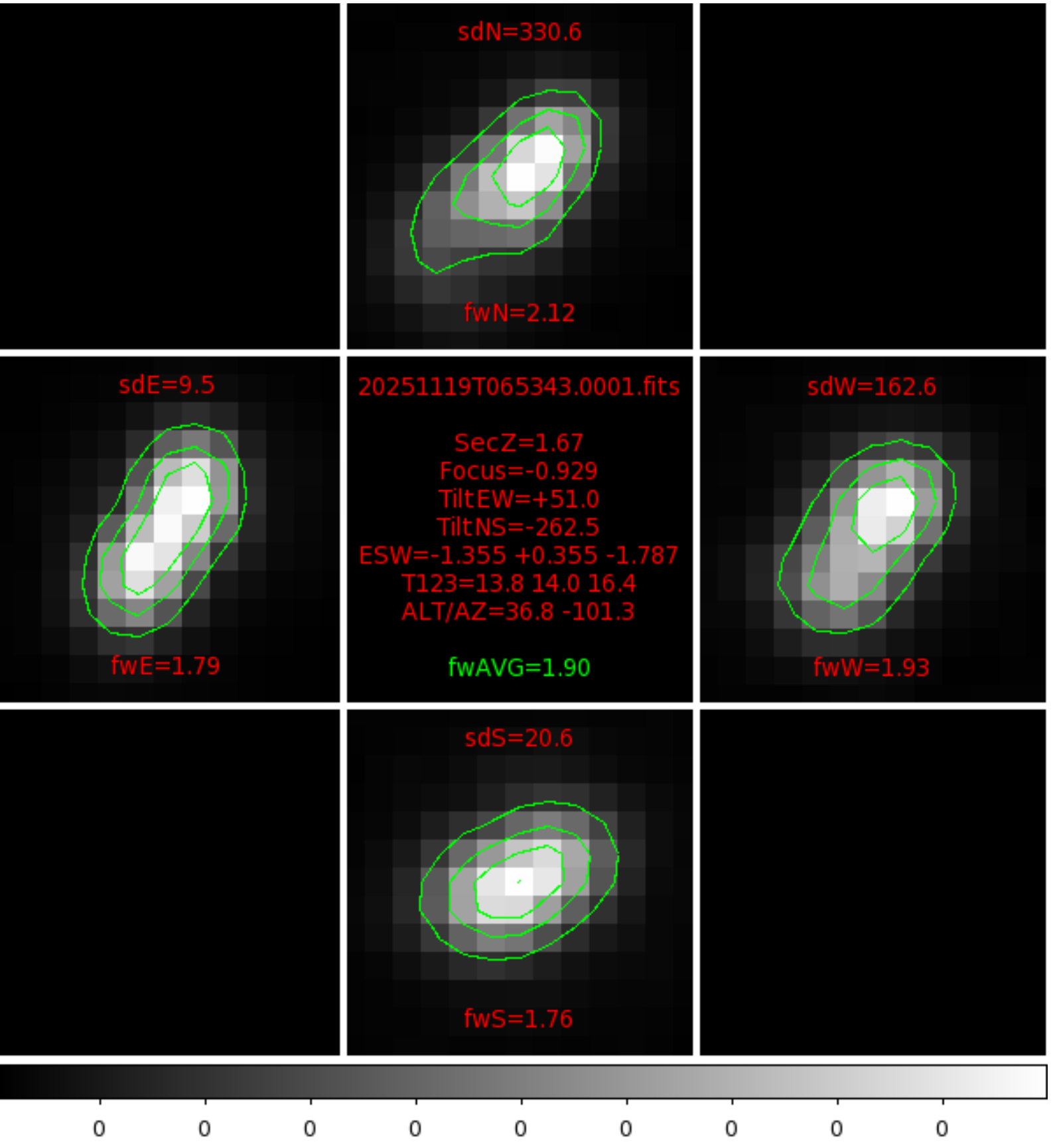
sdN=330.6
fwN=2.12
sdE=9.5
fwE=1.79
20251119T065343.0001.fits
SecZ=1.67
Focus=-0.929
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.355 +0.355 -1.787
T123=13.8 14.0 16.4
ALT/AZ=36.8 -101.3
fwAVG=1.90
sdW=162.6
fwW=1.93
sdS=20.6
fwS=1.76
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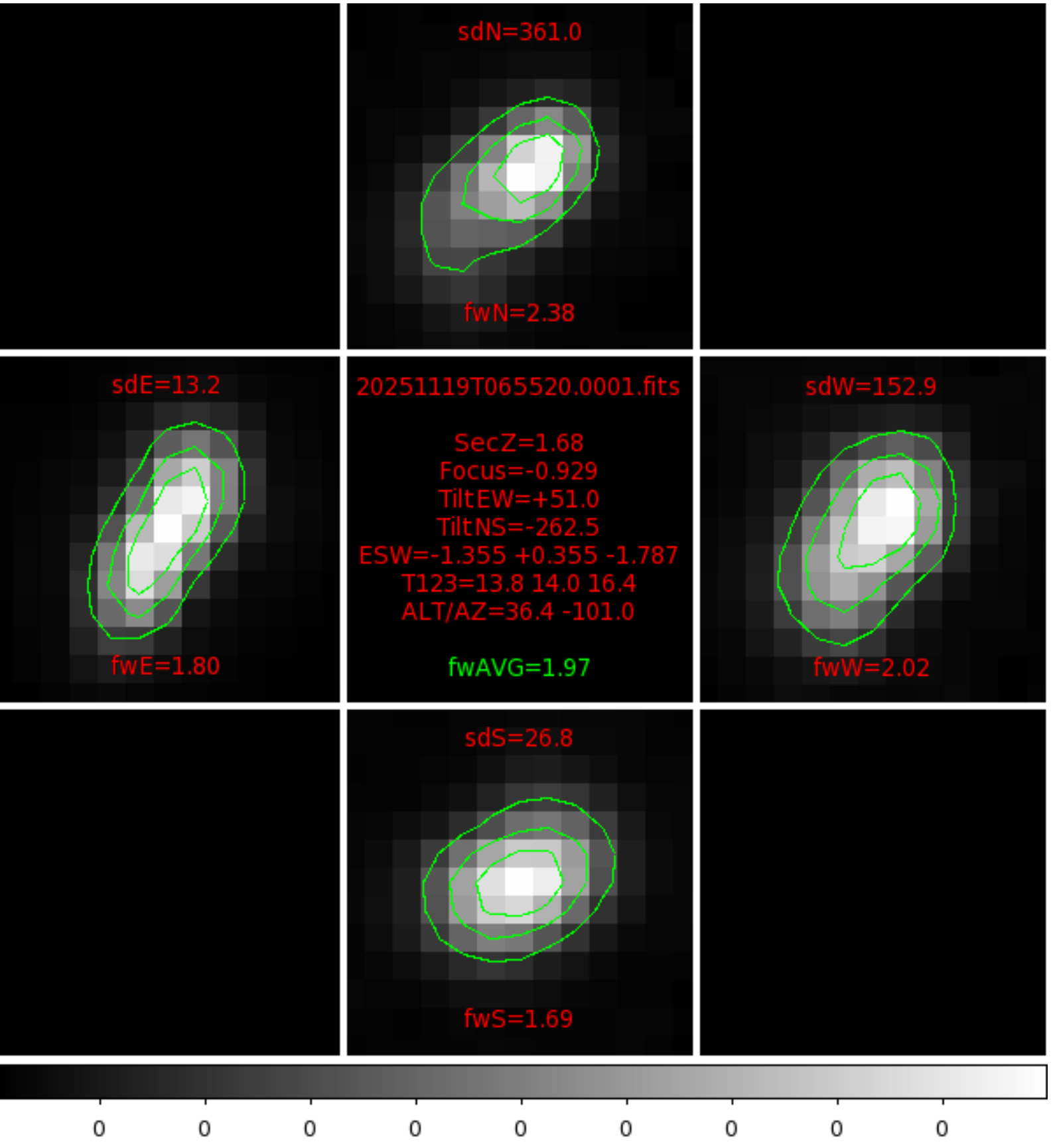
sdN=361.0
fwN=2.38
sdE=13.2
fwE=1.80
20251119T065520.0001.fits
SecZ=1.68
Focus=-0.929
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.355 +0.355 -1.787
T123=13.8 14.0 16.4
ALT/AZ=36.4 -101.0
fwAVG=1.97
sdW=152.9
fwW=2.02
sdS=26.8
fwS=1.69
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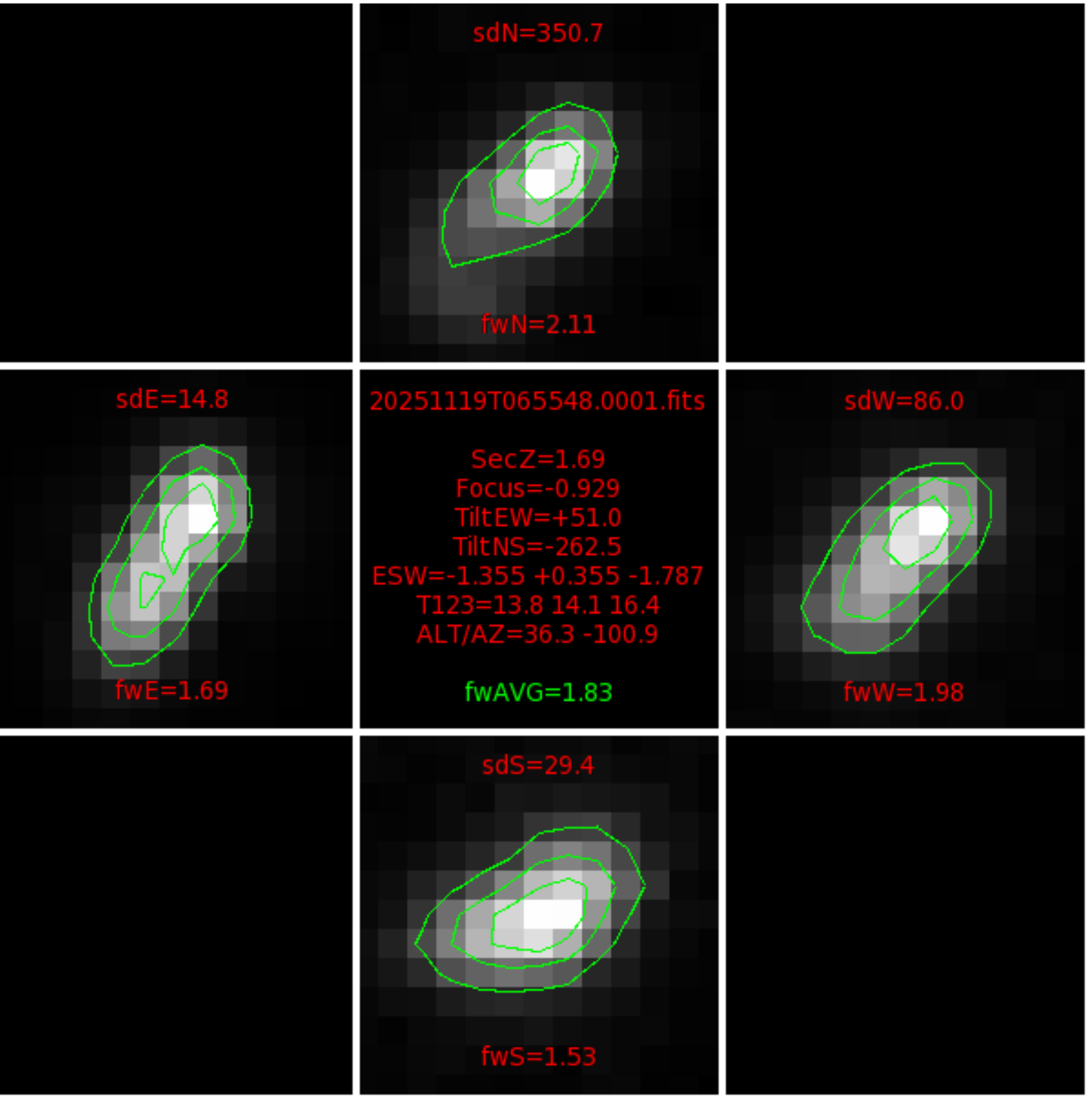
sdN=350.7
fwN=2.11
sdE=14.8
fwE=1.69
20251119T065548.0001.fits
SecZ=1.69
Focus=-0.929
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.355 +0.355 -1.787
T123=13.8 14.1 16.4
ALT/AZ=36.3 -100.9
fwAVG=1.83
sdW=86.0
fwW=1.98
sdS=29.4
fwS=1.53
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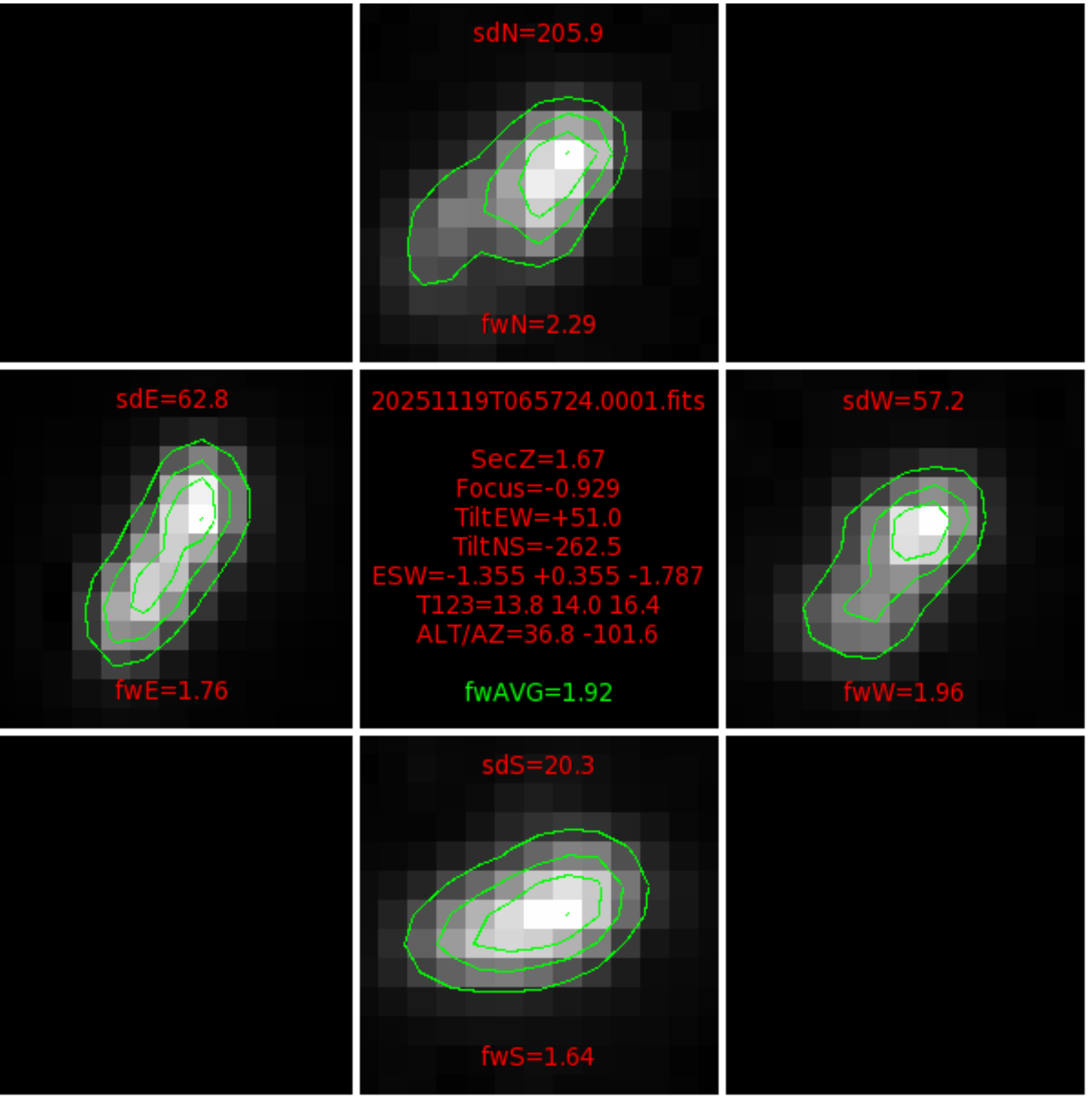
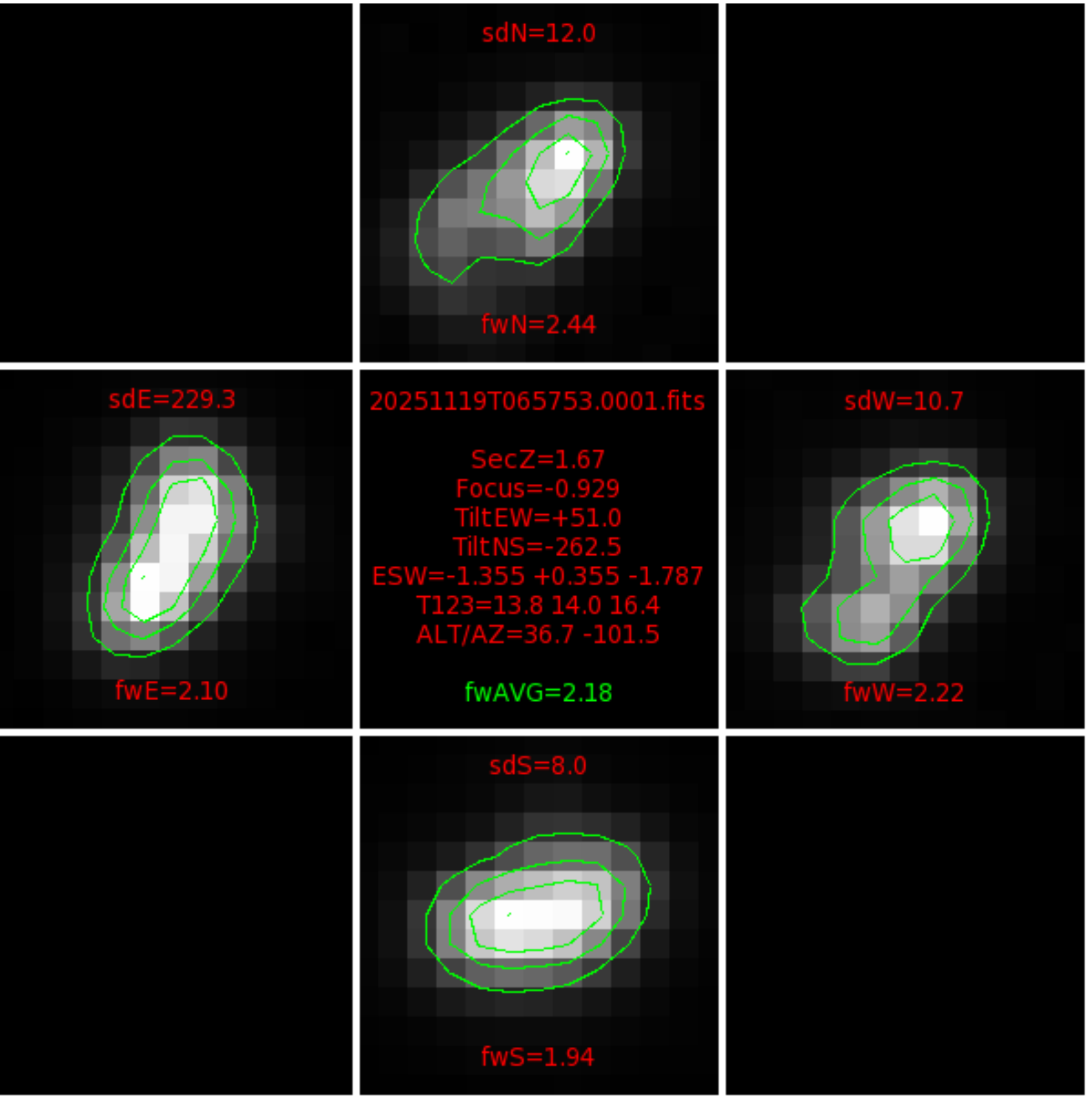

sdN=205.9
fwN=2.29
sdE=62.8
fwE=1.76
20251119T065724.0001.fits
SecZ=1.67
Focus=-0.929
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.355 +0.355 -1.787
T123=13.8 14.0 16.4
ALT/AZ=36.8 -101.6
fwAVG=1.92
sdW=57.2
fwW=1.96
sdS=20.3
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=12.0
fwN=2.44
sdE=229.3
fwE=2.10
20251119T065753.0001.fits
SecZ=1.67
Focus=-0.929
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.355 +0.355 -1.787
T123=13.8 14.0 16.4
ALT/AZ=36.7 -101.5
fwAVG=2.18
sdW=10.7
fwW=2.22
sdS=8.0
fwS=1.94
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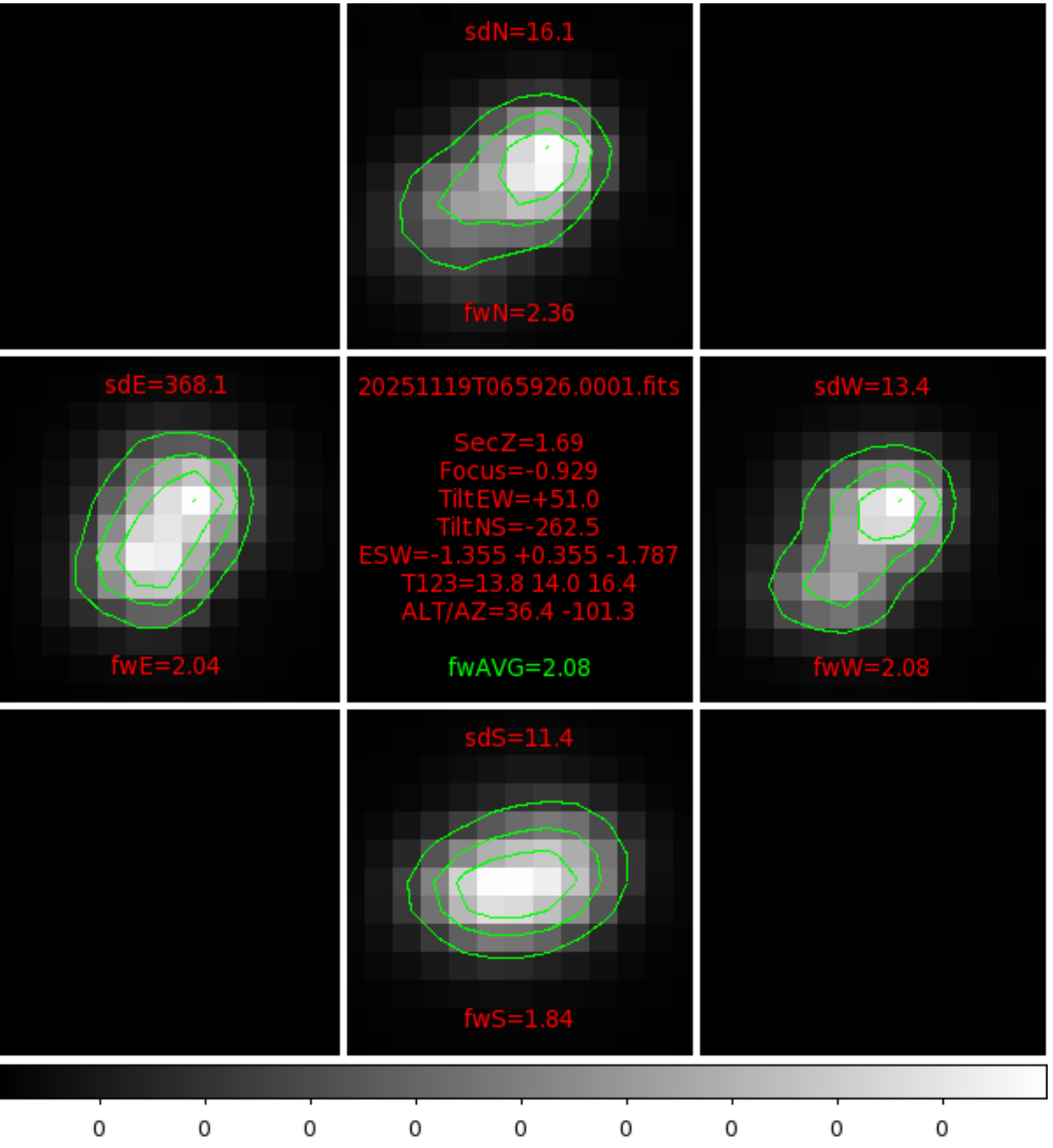
sdN=16.1
fwN=2.36
sdE=368.1
fwE=2.04
20251119T065926.0001.fits
SecZ=1.69
Focus=-0.929
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.355 +0.355 -1.787
T123=13.8 14.0 16.4
ALT/AZ=36.4 -101.3
fwAVG=2.08
sdW=13.4
fwW=2.08
sdS=11.4
fwS=1.84
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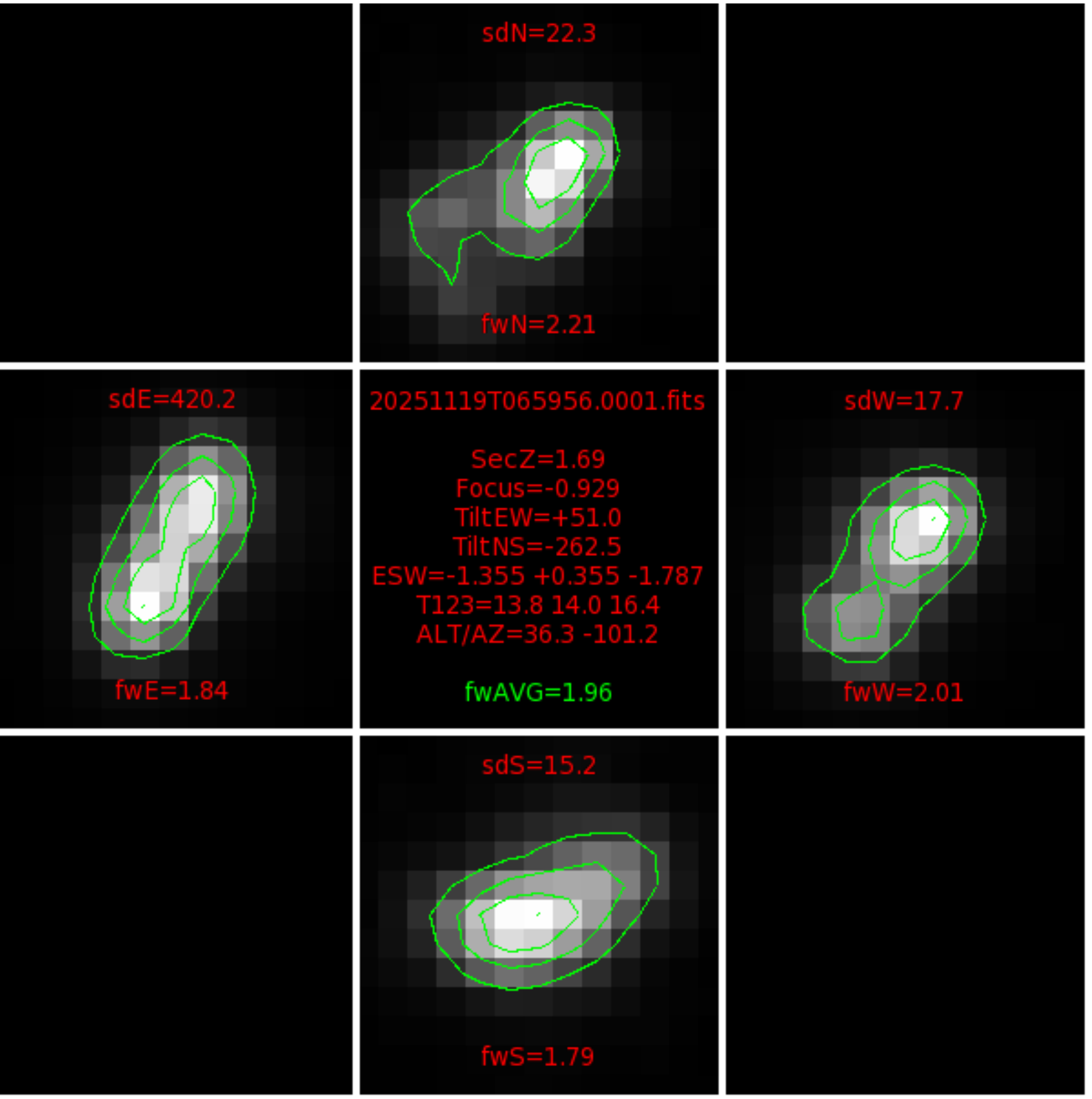
sdN=22.3
fwN=2.21
sdE=420.2
fwE=1.84
20251119T065956.0001.fits
SecZ=1.69
Focus=-0.929
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.355 +0.355 -1.787
T123=13.8 14.0 16.4
ALT/AZ=36.3 -101.2
fwAVG=1.96
sdW=17.7
fwW=2.01
sdS=15.2
fwS=1.79
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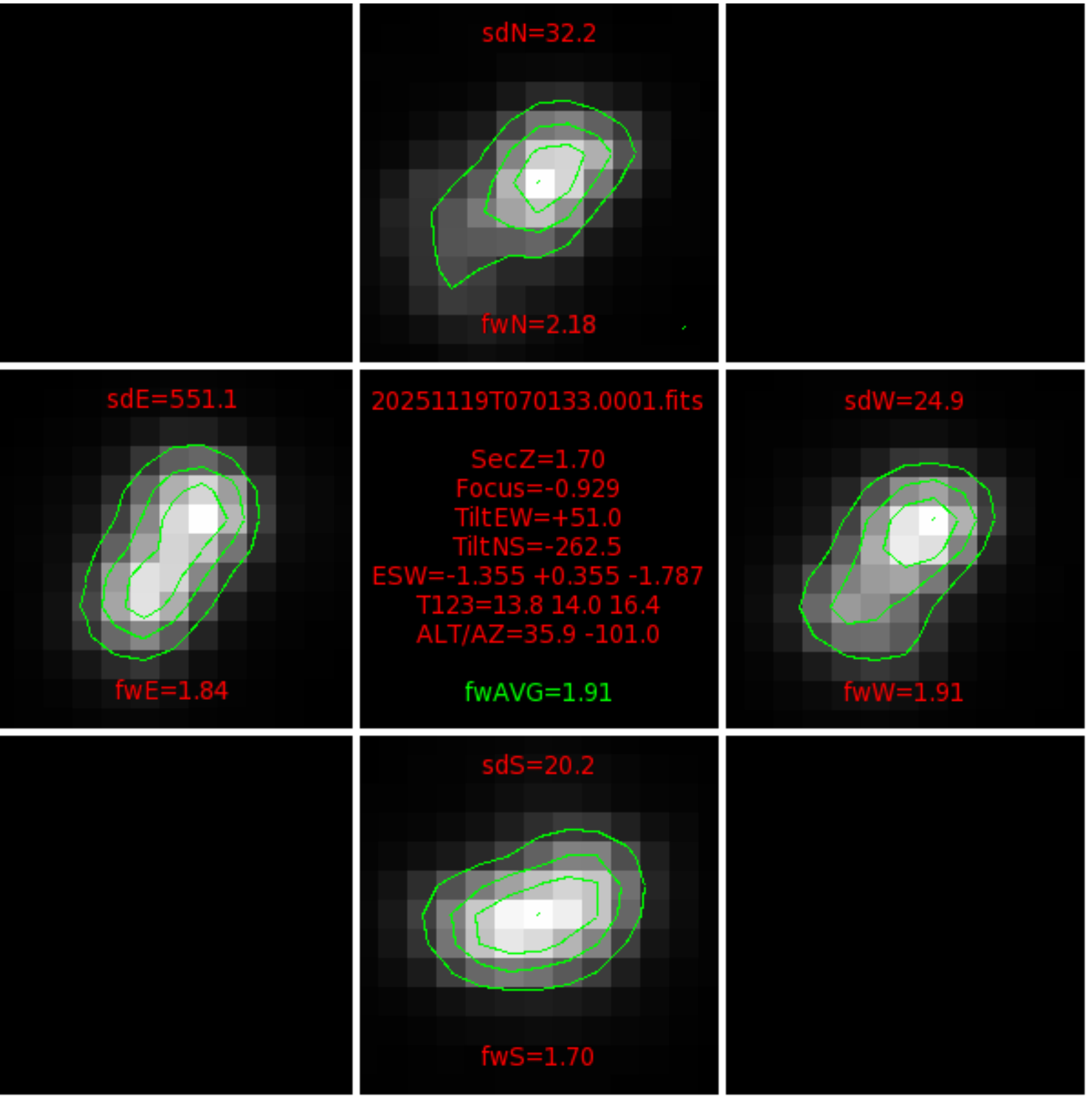
sdN=32.2
fwN=2.18
sdE=551.1
fwE=1.84
20251119T070133.0001.fits
SecZ=1.70
Focus=-0.929
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.355 +0.355 -1.787
T123=13.8 14.0 16.4
ALT/AZ=35.9 -101.0
fwAVG=1.91
sdW=24.9
fwW=1.91
sdS=20.2
fwS=1.70
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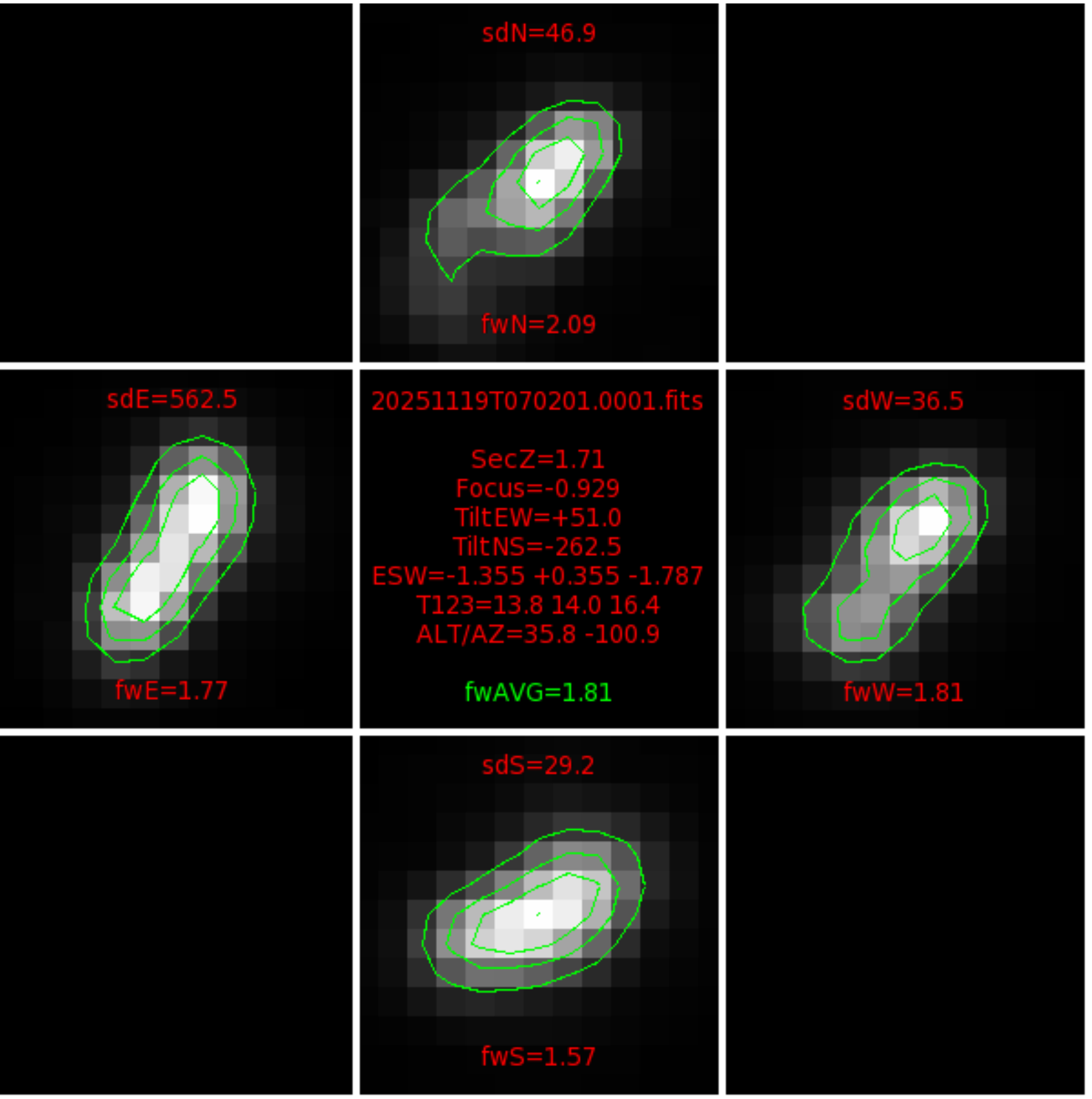
sdN=46.9
fwN=2.09
sdE=562.5
fwE=1.77
20251119T070201.0001.fits
SecZ=1.71
Focus=-0.929
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.355 +0.355 -1.787
T123=13.8 14.0 16.4
ALT/AZ=35.8 -100.9
fwAVG=1.81
sdW=36.5
fwW=1.81
sdS=29.2
fwS=1.57
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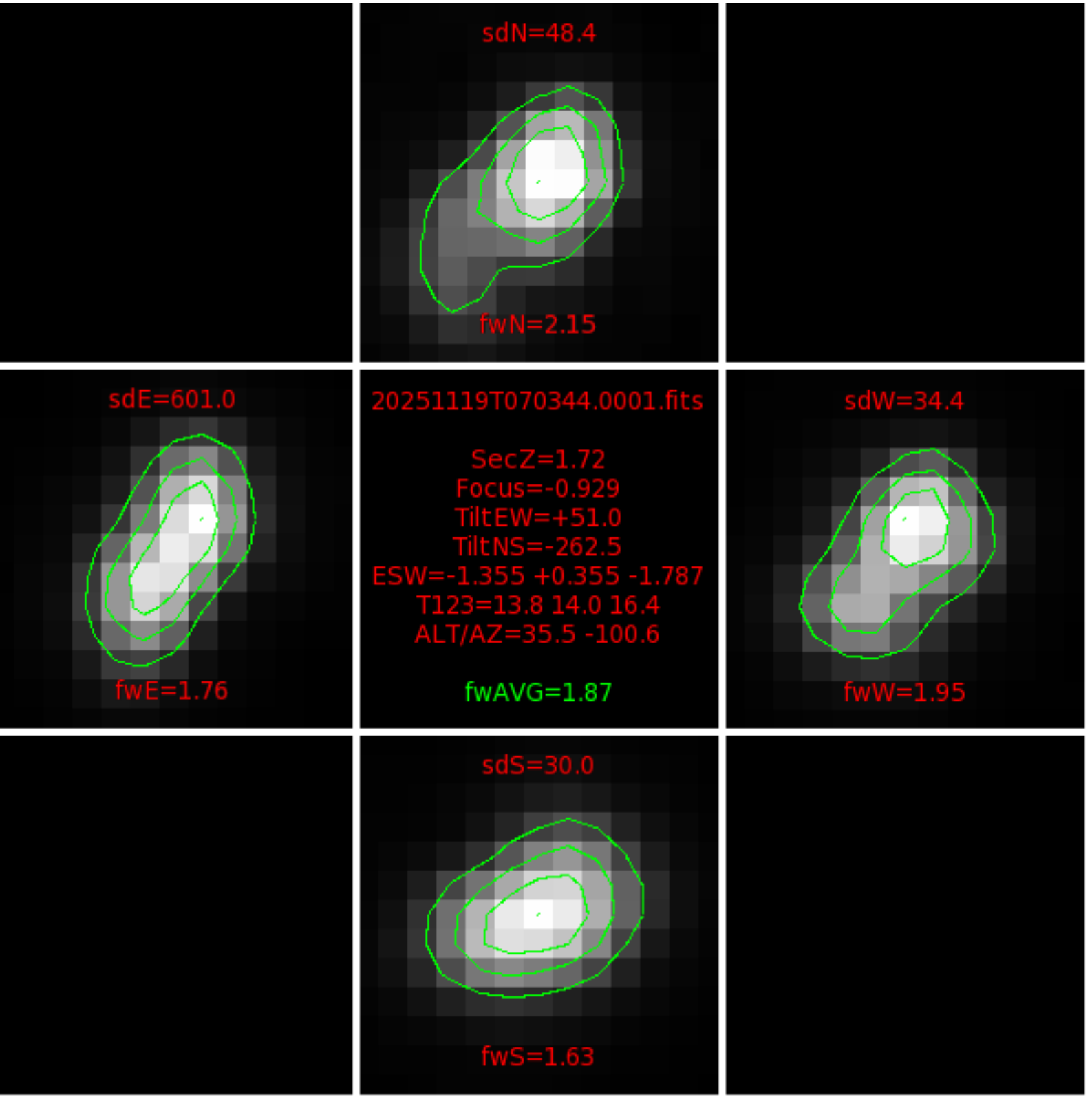
sdN=48.4
fwN=2.15
sdE=601.0
fwE=1.76
20251119T070344.0001.fits
SecZ=1.72
Focus=-0.929
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.355 +0.355 -1.787
T123=13.8 14.0 16.4
ALT/AZ=35.5 -100.6
fwAVG=1.87
sdW=34.4
fwW=1.95
sdS=30.0
fwS=1.63
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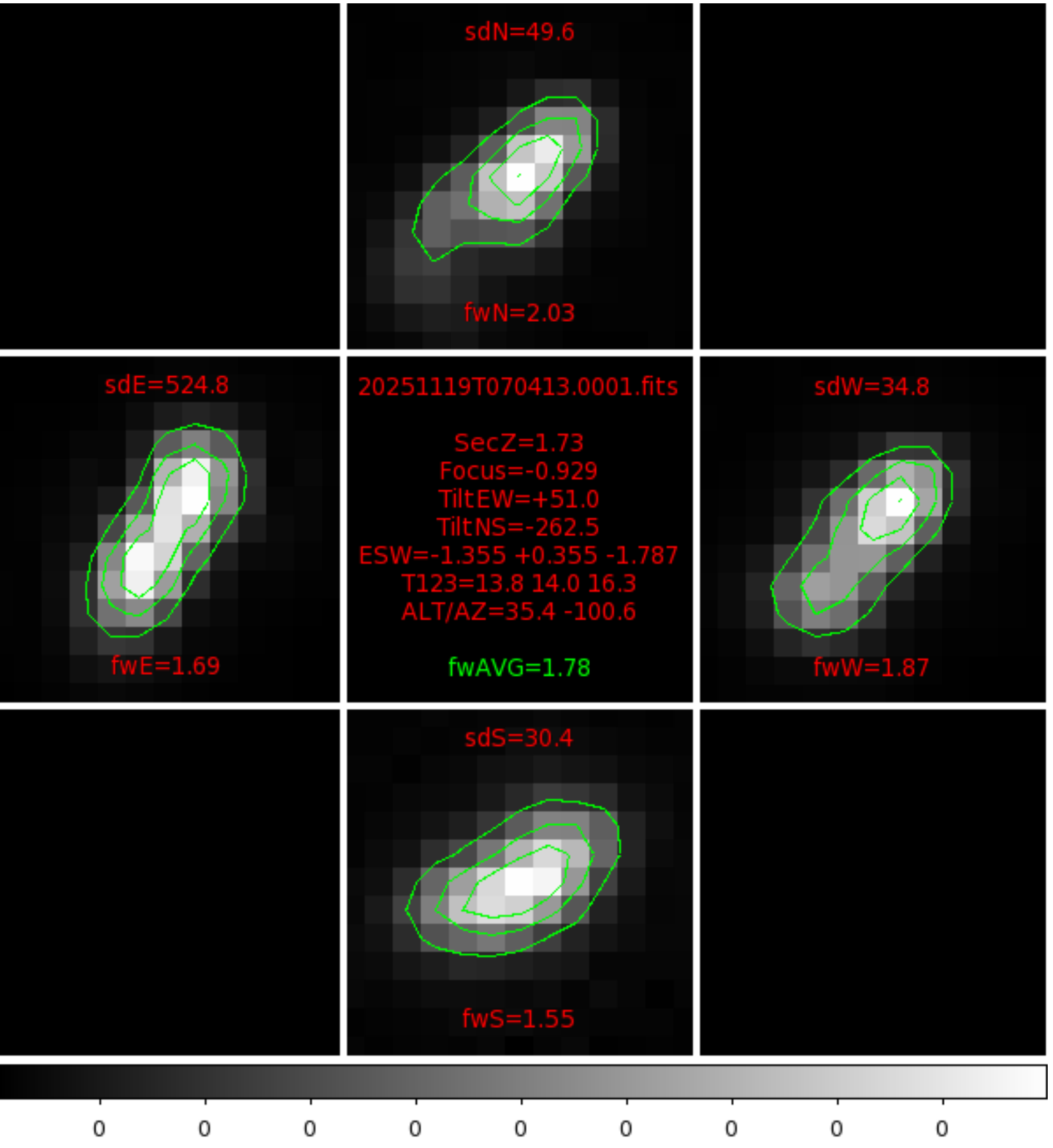
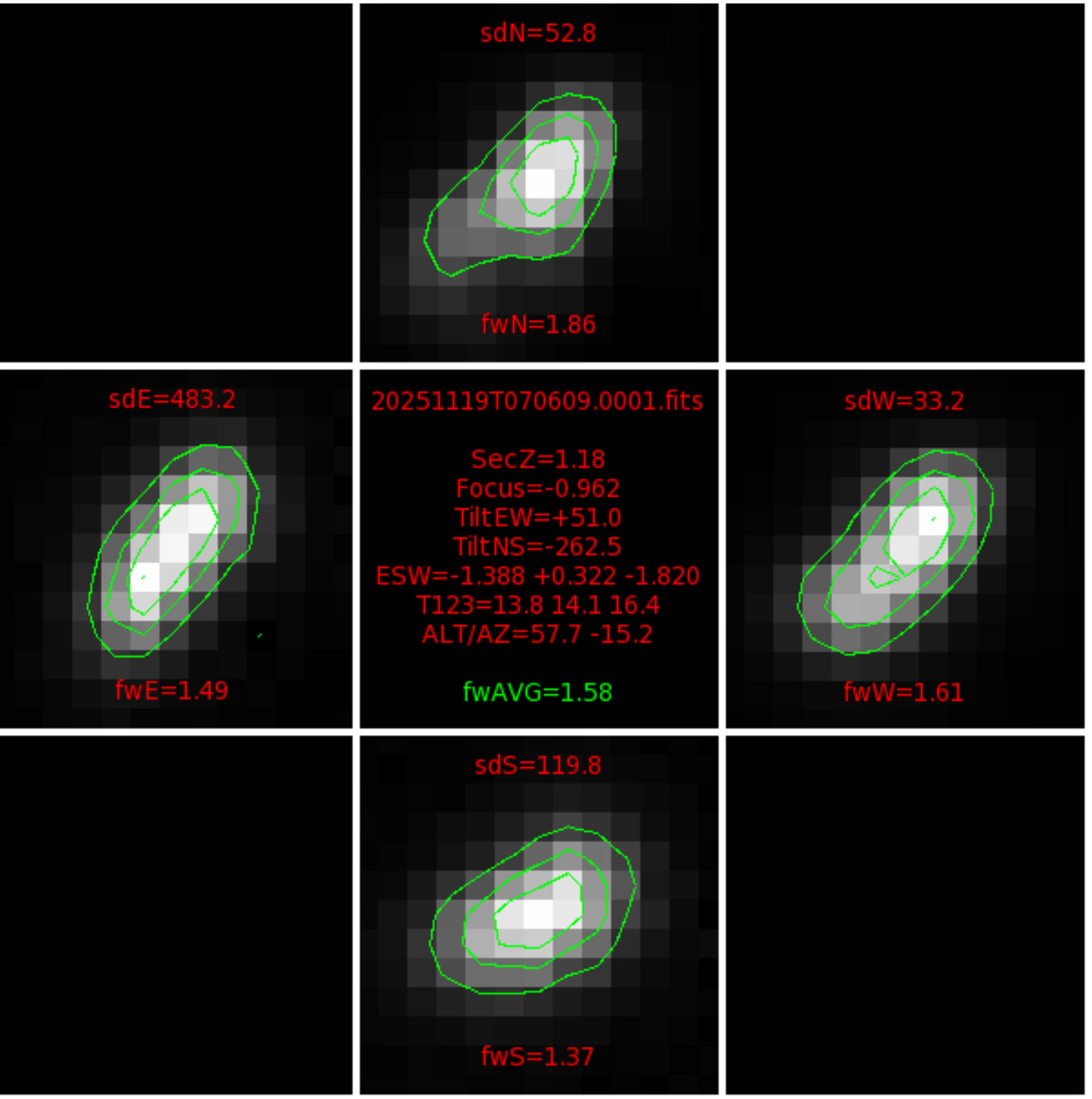
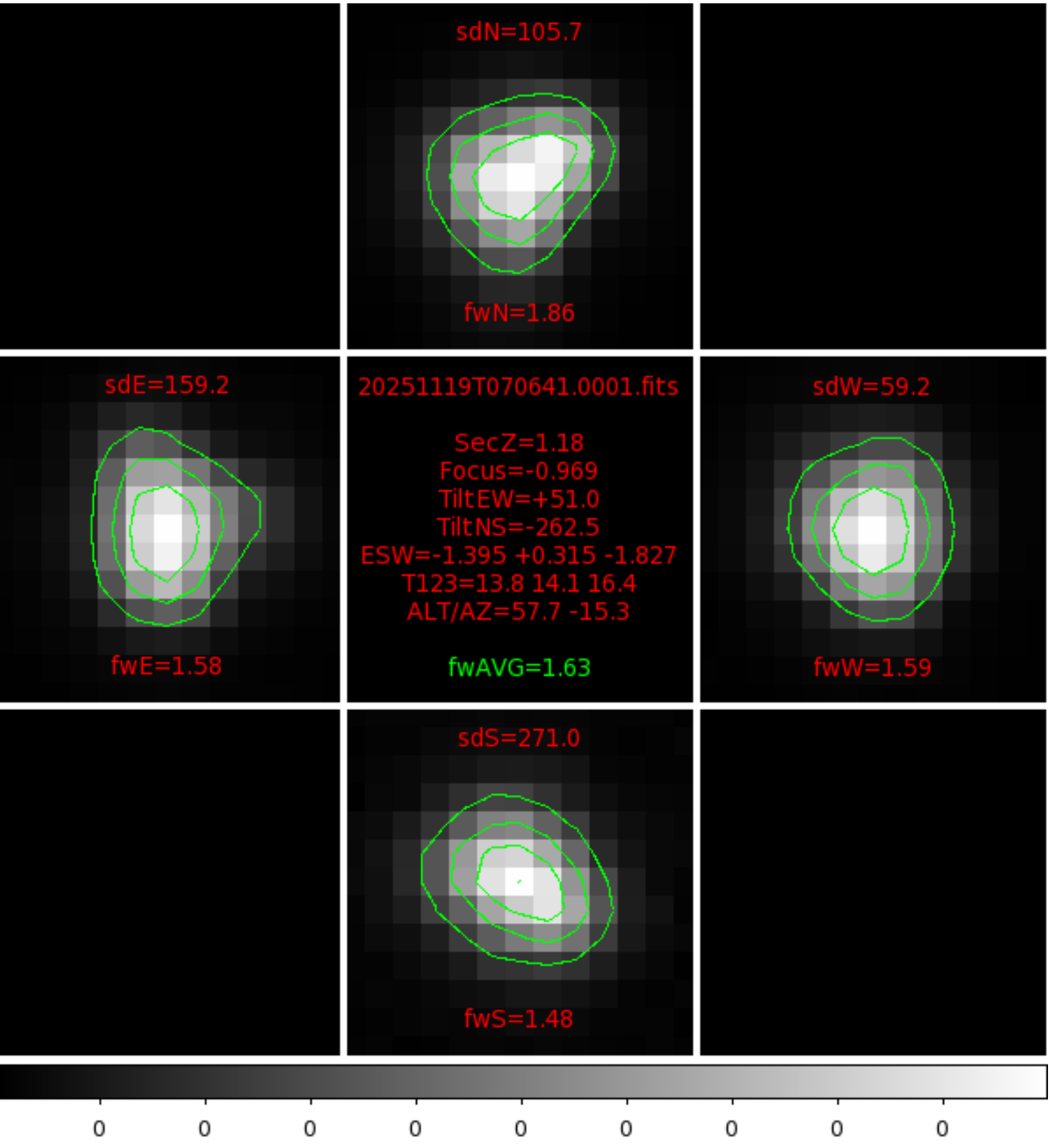

sdN=49.6
fwN=2.03
sdE=524.8
fwE=1.69
20251119T070413.0001.fits
SecZ=1.73
Focus=-0.929
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.355 +0.355 -1.787
T123=13.8 14.0 16.3
ALT/AZ=35.4 -100.6
fwAVG=1.78
sdW=34.8
fwW=1.87
sdS=30.4
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=52.8
fwN=1.86
sdE=483.2
fwE=1.49
20251119T070609.0001.fits
SecZ=1.18
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=13.8 14.1 16.4
ALT/AZ=57.7 -15.2
fwAVG=1.58
sdW=33.2
fwW=1.61
sdS=119.8
fwS=1.37
0 0 0 0 0 0 0 0 0


sdN=105.7
fwN=1.86
sdE=159.2
fwE=1.58
20251119T070641.0001.fits
SecZ=1.18
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.8 14.1 16.4
ALT/AZ=57.7 -15.3
fwAVG=1.63
sdW=59.2
fwW=1.59
sdS=271.0
fwS=1.48
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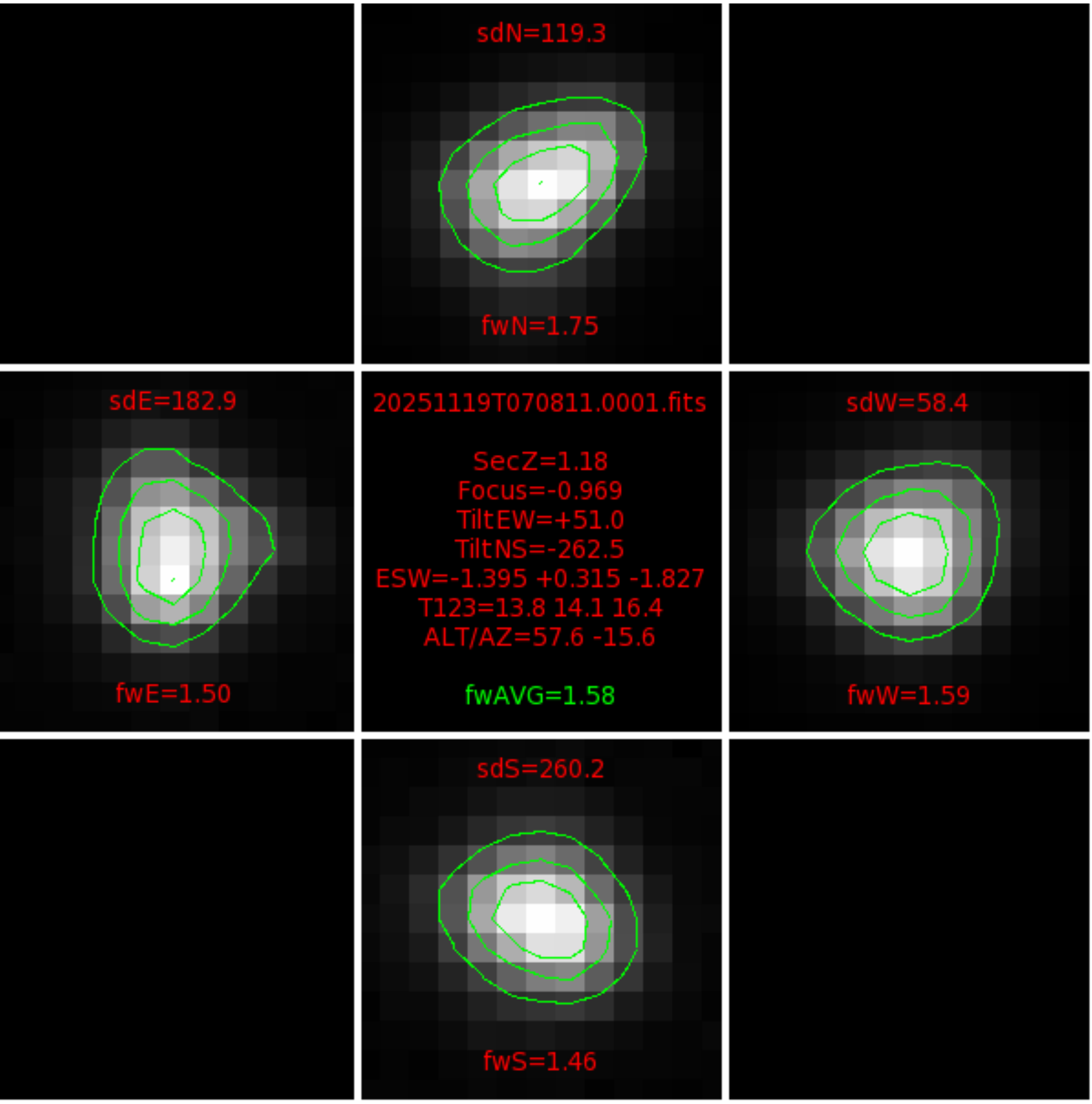
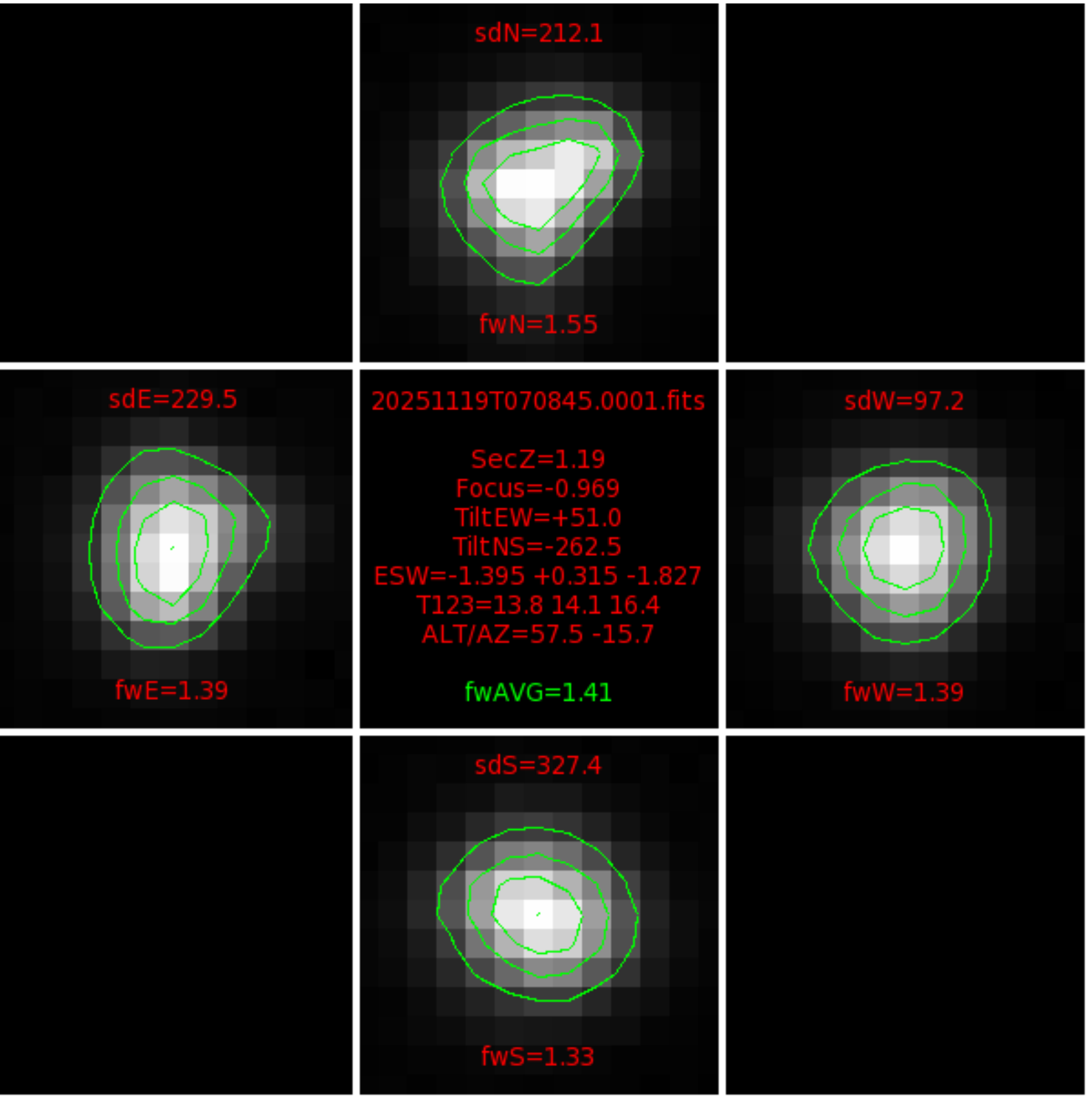
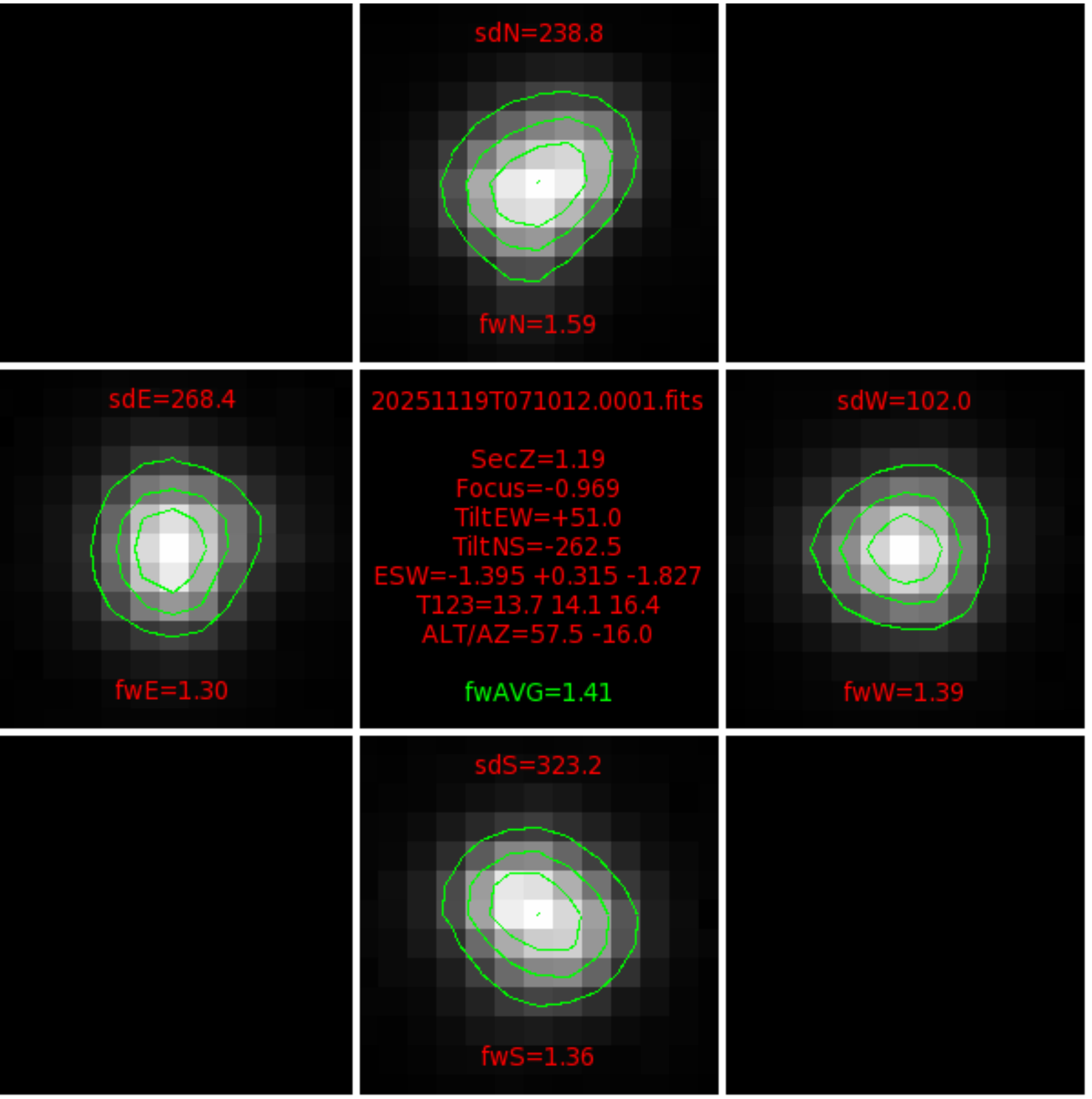

sdN=119.3
fwN=1.75
sdE=182.9
fwE=1.50
20251119T070811.0001.fits
SecZ=1.18
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.8 14.1 16.4
ALT/AZ=57.6 -15.6
fwAVG=1.58
sdW=58.4
fwW=1.59
sdS=260.2
fwS=1.46
0 0 0 0 0 0 0 0 0


sdN=212.1
fwN=1.55
sdE=229.5
fwE=1.39
20251119T070845.0001.fits
SecZ=1.19
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.8 14.1 16.4
ALT/AZ=57.5 -15.7
fwAVG=1.41
sdW=97.2
fwW=1.39
sdS=327.4
fwS=1.33
0 0 0 0 0 0 0 0 0


sdN=238.8
fwN=1.59
sdE=268.4
fwE=1.30
20251119T071012.0001.fits
SecZ=1.19
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.7 14.1 16.4
ALT/AZ=57.5 -16.0
fwAVG=1.41
sdW=102.0
fwW=1.39
sdS=323.2
fwS=1.36
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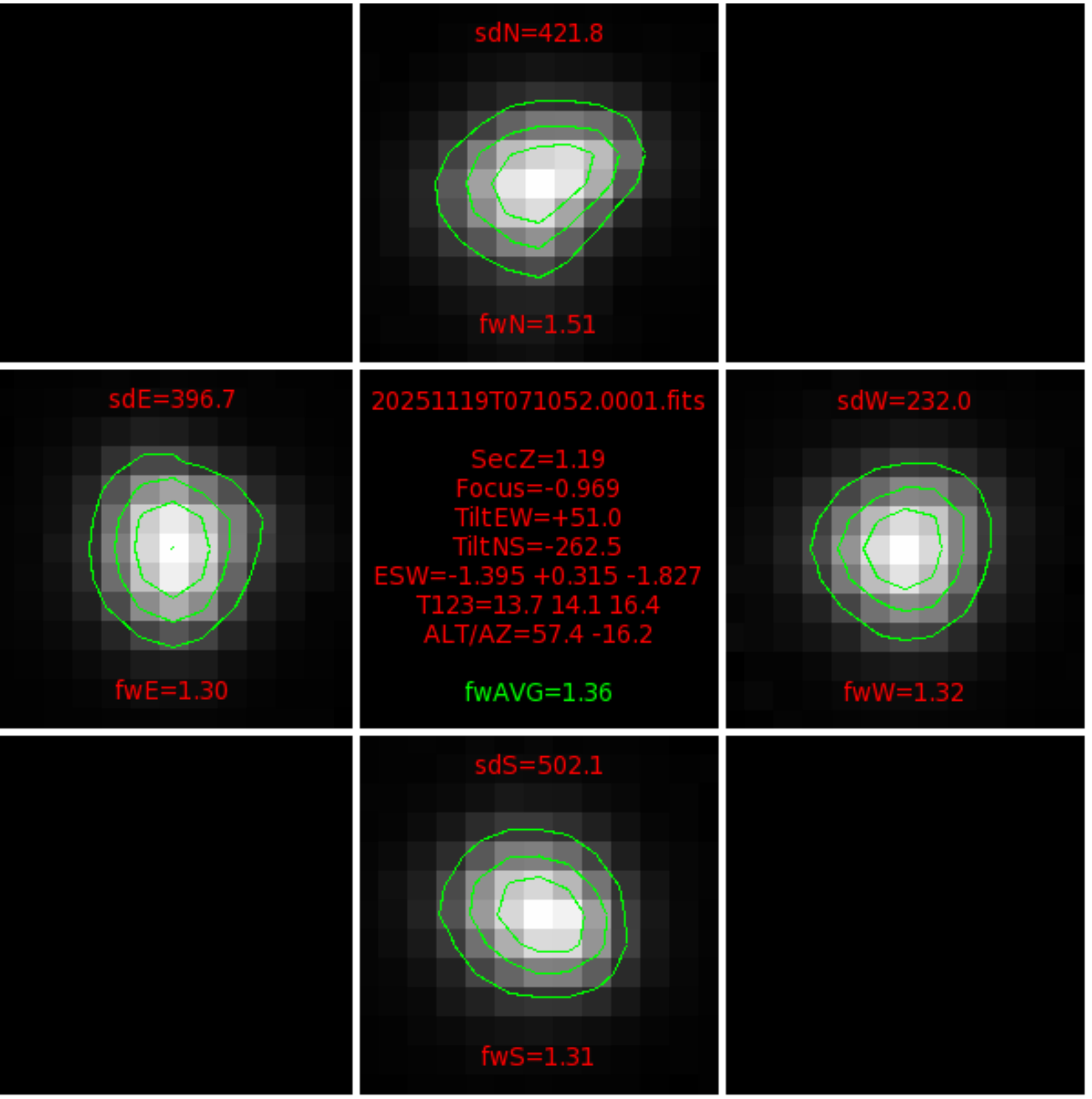
sdN=421.8
fwN=1.51
sdE=396.7
fwE=1.30
20251119T071052.0001.fits
SecZ=1.19
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.7 14.1 16.4
ALT/AZ=57.4 -16.2
fwAVG=1.36
sdW=232.0
fwW=1.32
sdS=502.1
fwS=1.31
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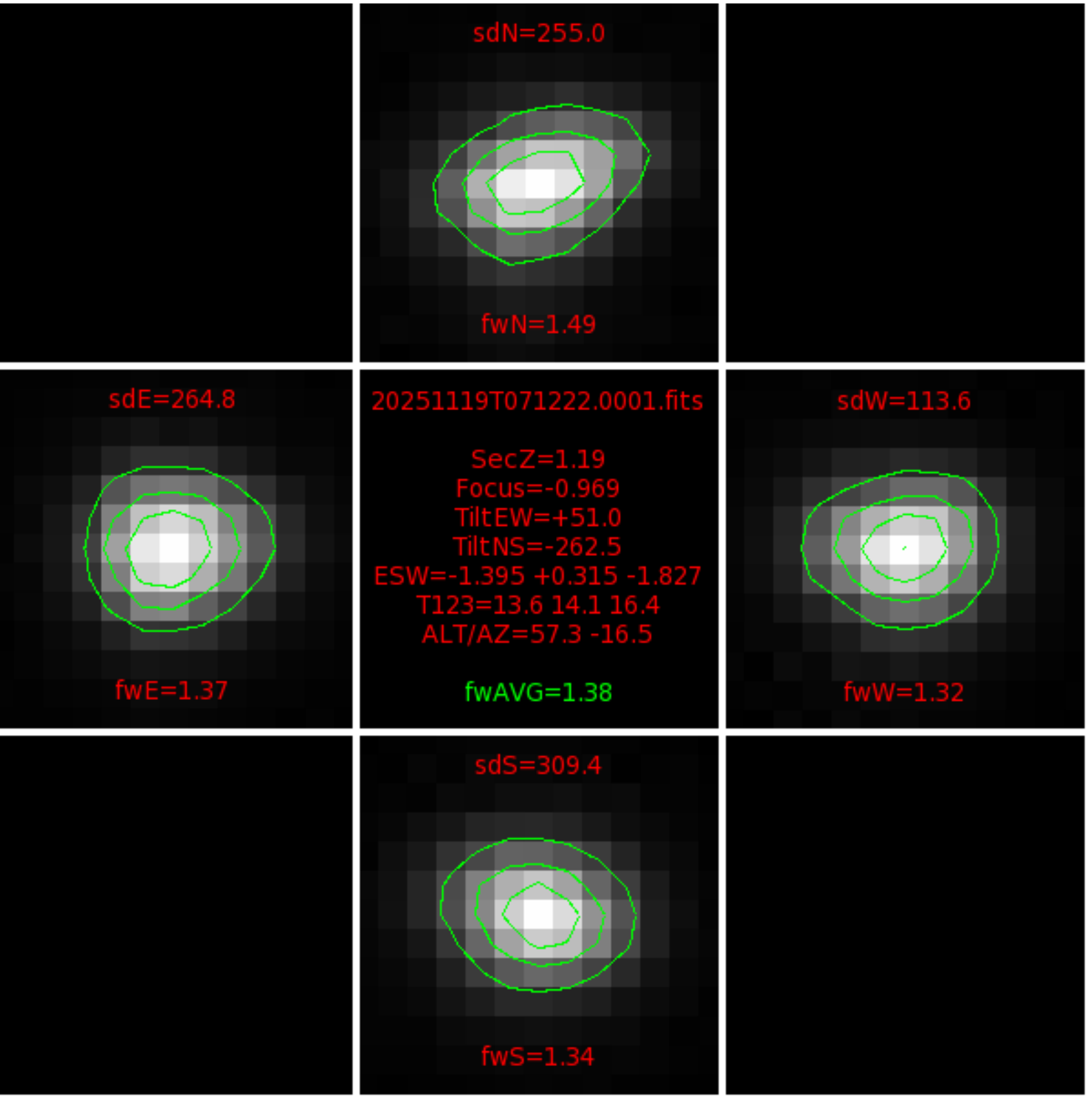
sdN=255.0
fwN=1.49
sdE=264.8
fwE=1.37
20251119T071222.0001.fits
SecZ=1.19
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.6 14.1 16.4
ALT/AZ=57.3 -16.5
fwAVG=1.38
sdW=113.6
fwW=1.32
sdS=309.4
fwS=1.34
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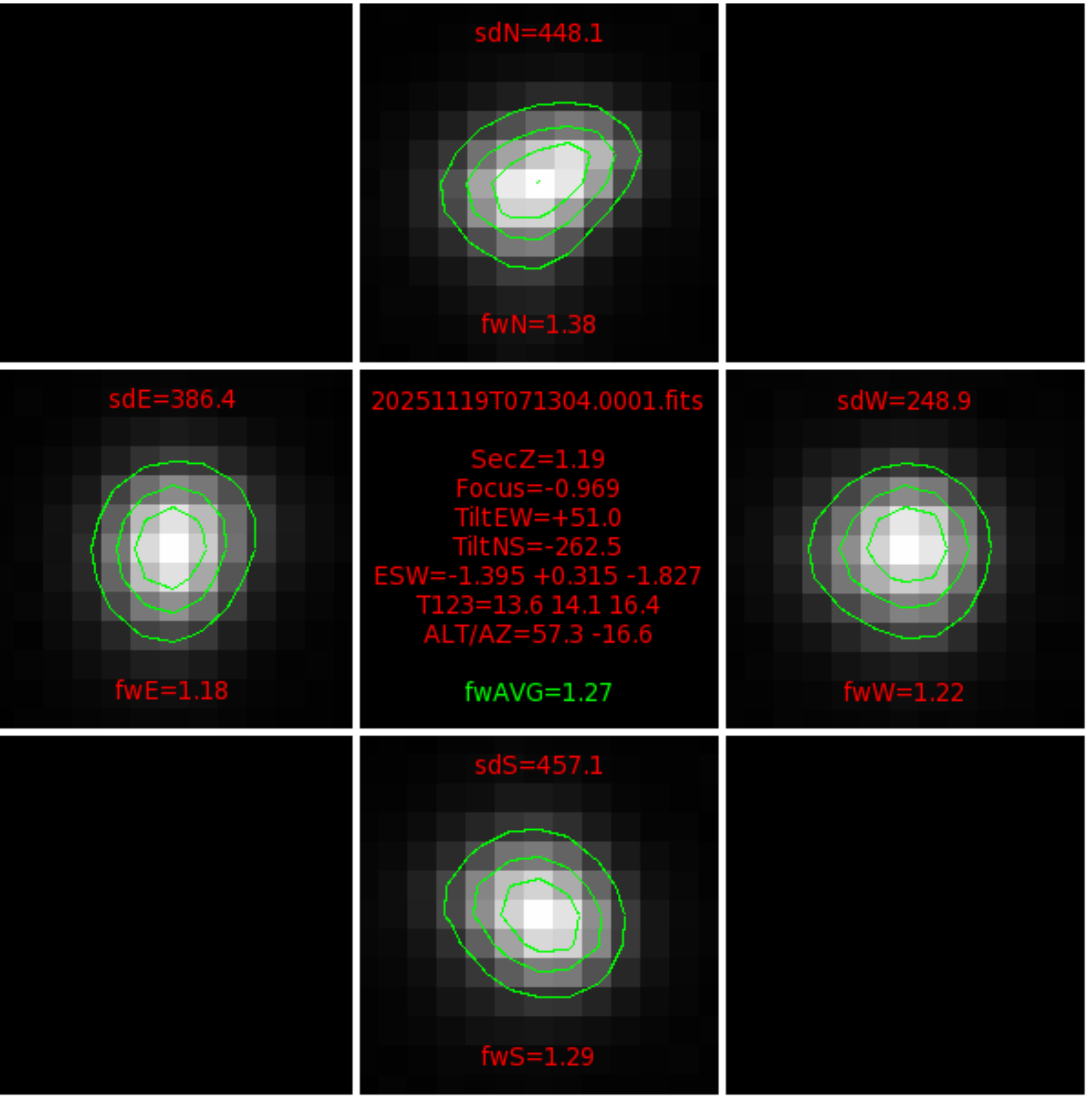
sdN=448.1
fwN=1.38
sdE=386.4
fwE=1.18
20251119T071304.0001.fits
SecZ=1.19
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.6 14.1 16.4
ALT/AZ=57.3 -16.6
fwAVG=1.27
sdW=248.9
fwW=1.22
sdS=457.1
fwS=1.29
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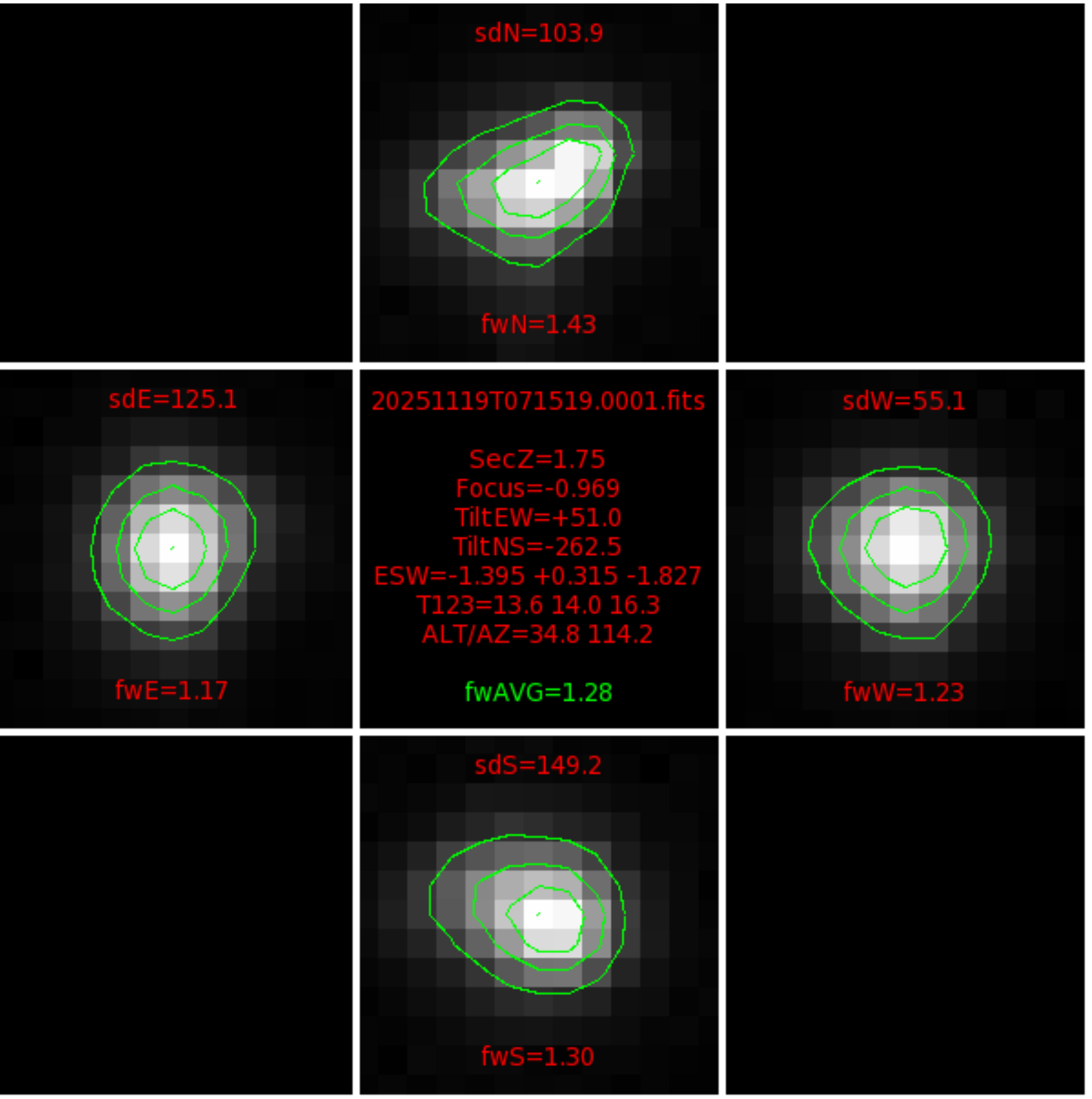
sdN=103.9
fwN=1.43
sdE=125.1
fwE=1.17
20251119T071519.0001.fits
SecZ=1.75
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.6 14.0 16.3
ALT/AZ=34.8 114.2
fwAVG=1.28
sdW=55.1
fwW=1.23
sdS=149.2
fwS=1.30
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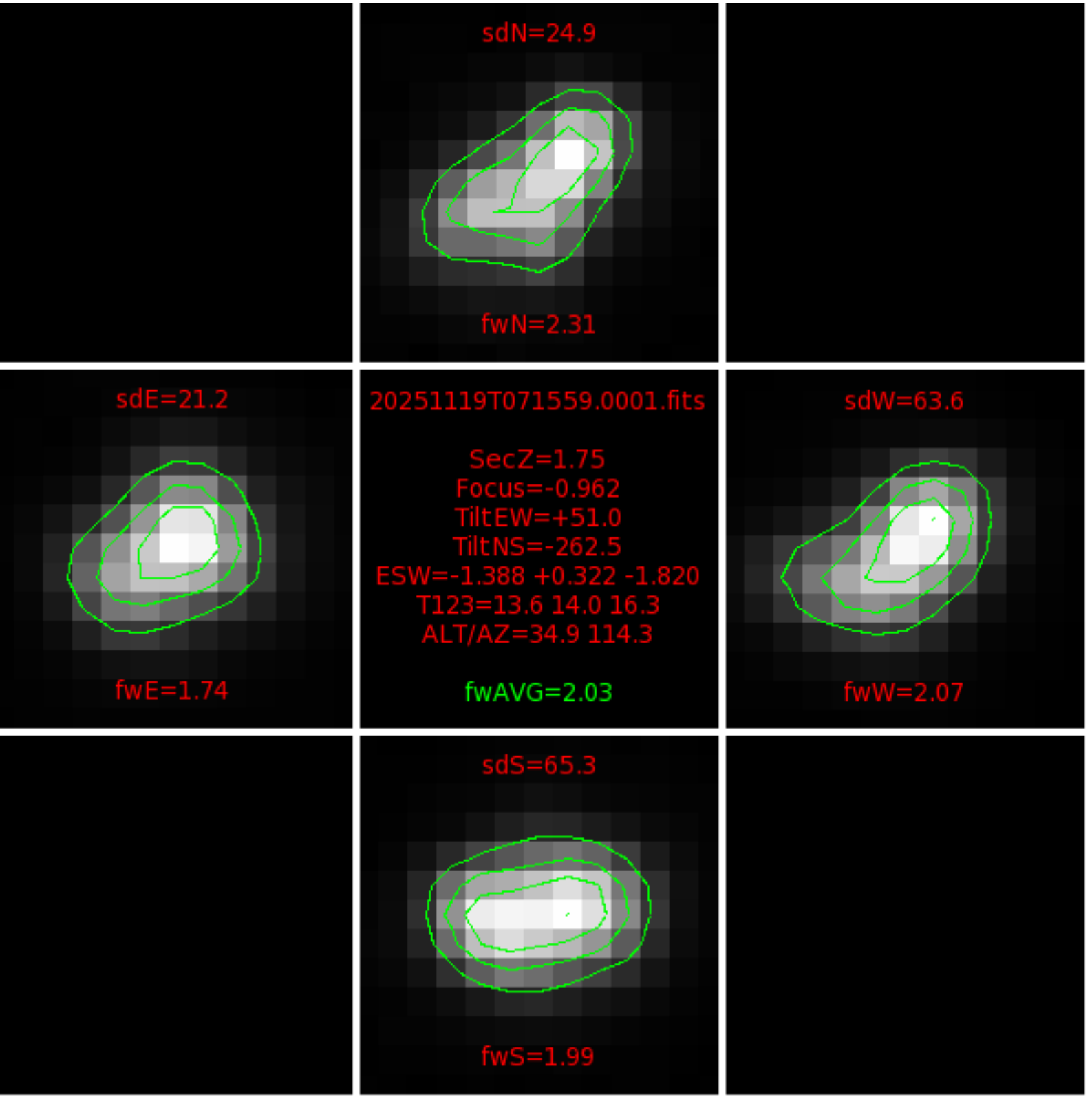
sdN=24.9
fwN=2.31
sdE=21.2
fwE=1.74
20251119T071559.0001.fits
SecZ=1.75
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=13.6 14.0 16.3
ALT/AZ=34.9 114.3
fwAVG=2.03
sdW=63.6
fwW=2.07
sdS=65.3
fwS=1.99
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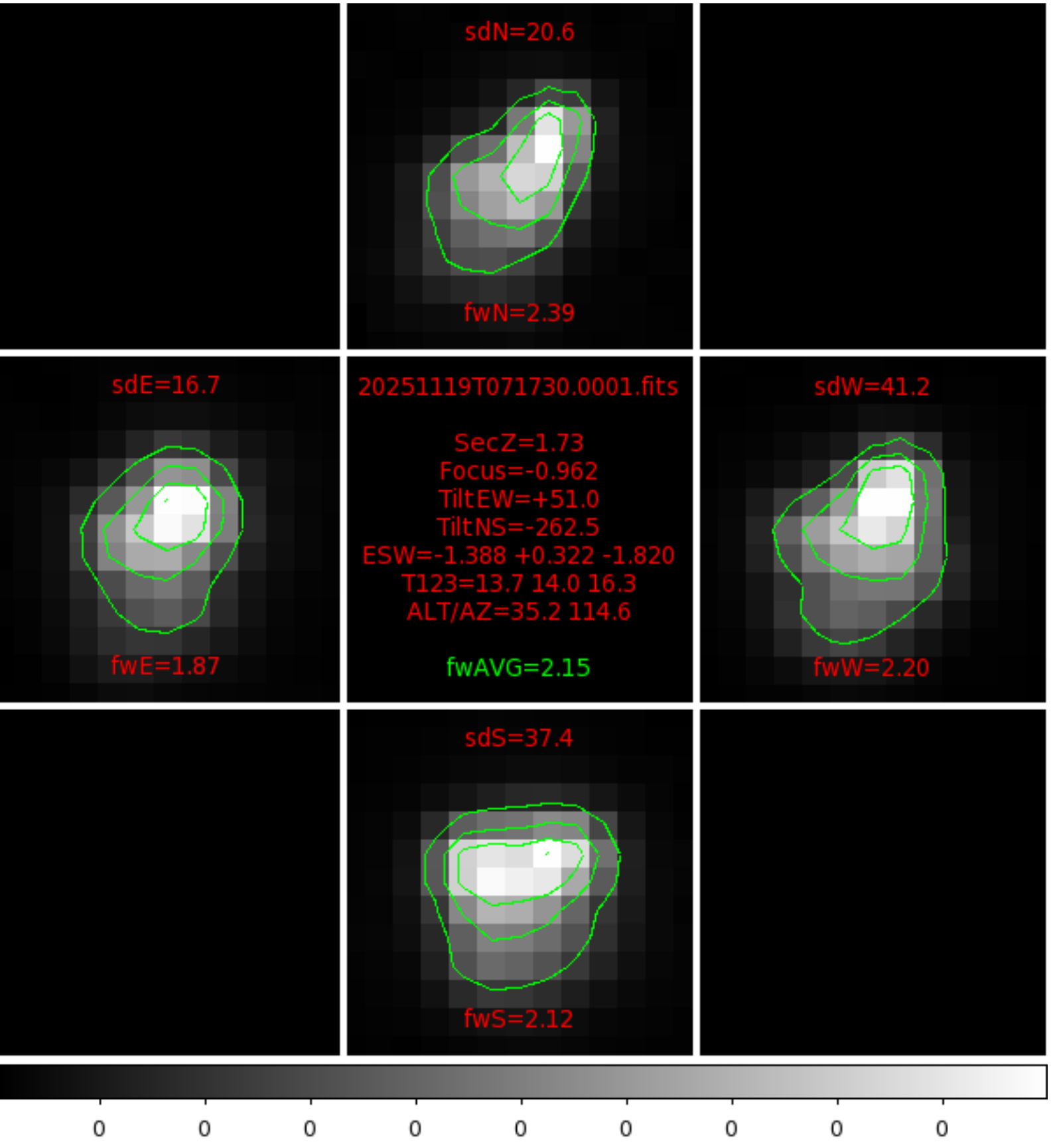
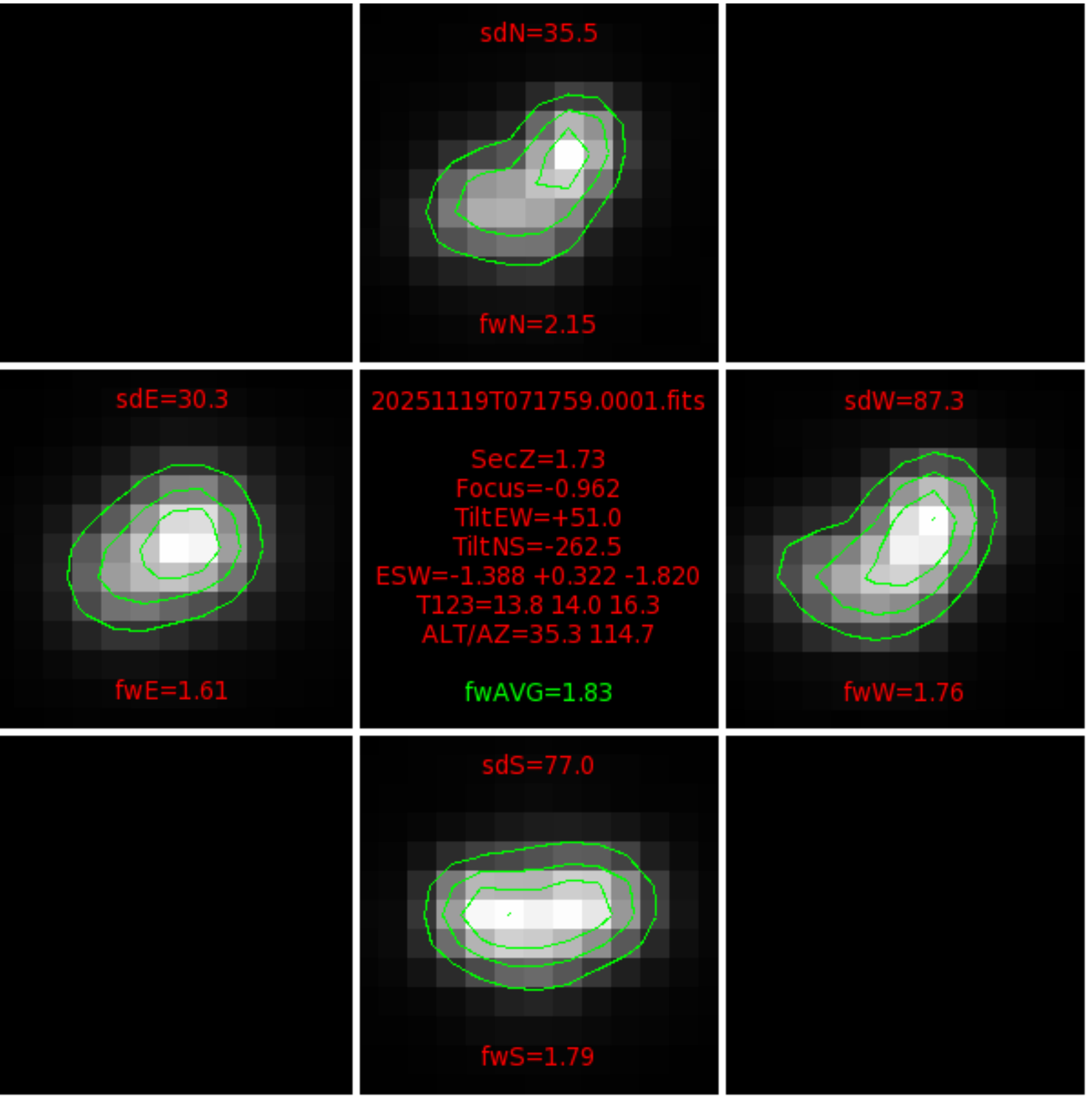

sdN=20.6
fwN=2.39
sdE=16.7
fwE=1.87
20251119T071730.0001.fits
SecZ=1.73
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=13.7 14.0 16.3
ALT/AZ=35.2 114.6
fwAVG=2.15
sdW=41.2
fwW=2.20
sdS=37.4
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=35.5
fwN=2.15
sdE=30.3
fwE=1.61
20251119T071759.0001.fits
SecZ=1.73
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=13.8 14.0 16.3
ALT/AZ=35.3 114.7
fwAVG=1.83
sdW=87.3
fwW=1.76
sdS=77.0
fwS=1.79
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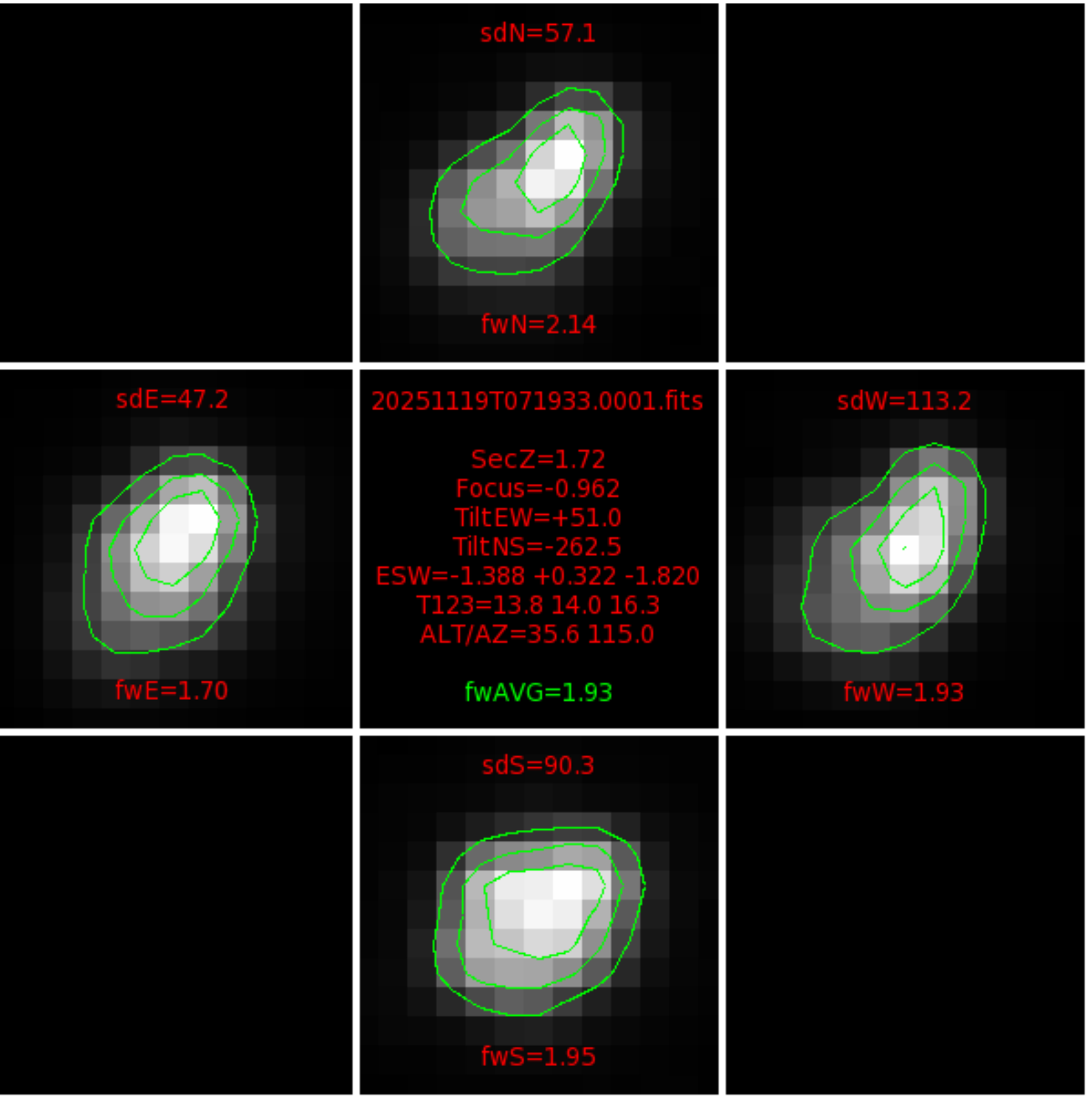
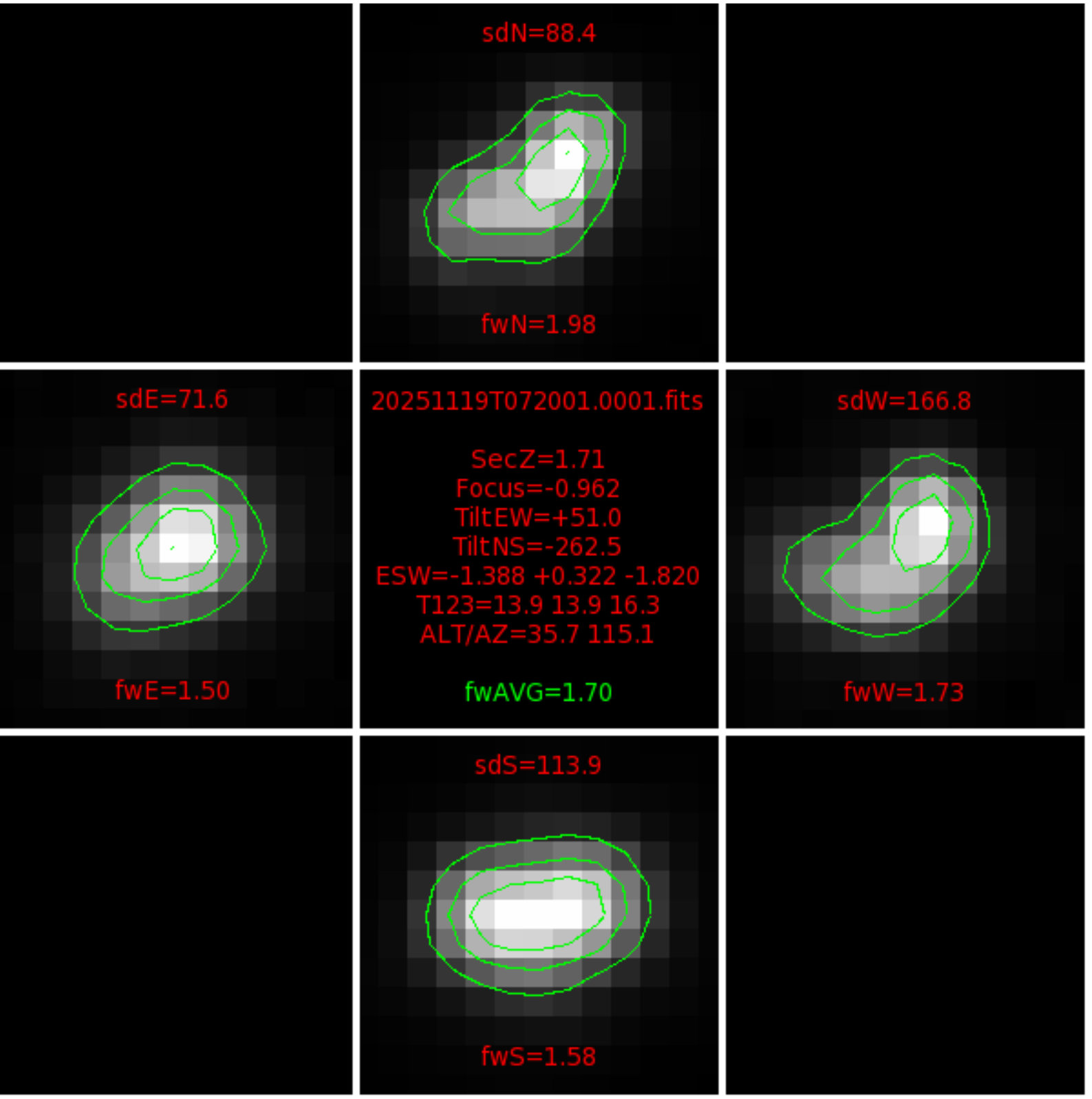

sdN=57.1
fwN=2.14
sdE=47.2
fwE=1.70
20251119T071933.0001.fits
SecZ=1.72
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=13.8 14.0 16.3
ALT/AZ=35.6 115.0
fwAVG=1.93
sdW=113.2
fwW=1.93
sdS=90.3
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=88.4
fwN=1.98
sdE=71.6
fwE=1.50
20251119T072001.0001.fits
SecZ=1.71
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=13.9 13.9 16.3
ALT/AZ=35.7 115.1
fwAVG=1.70
sdW=166.8
fwW=1.73
sdS=113.9
fwS=1.58
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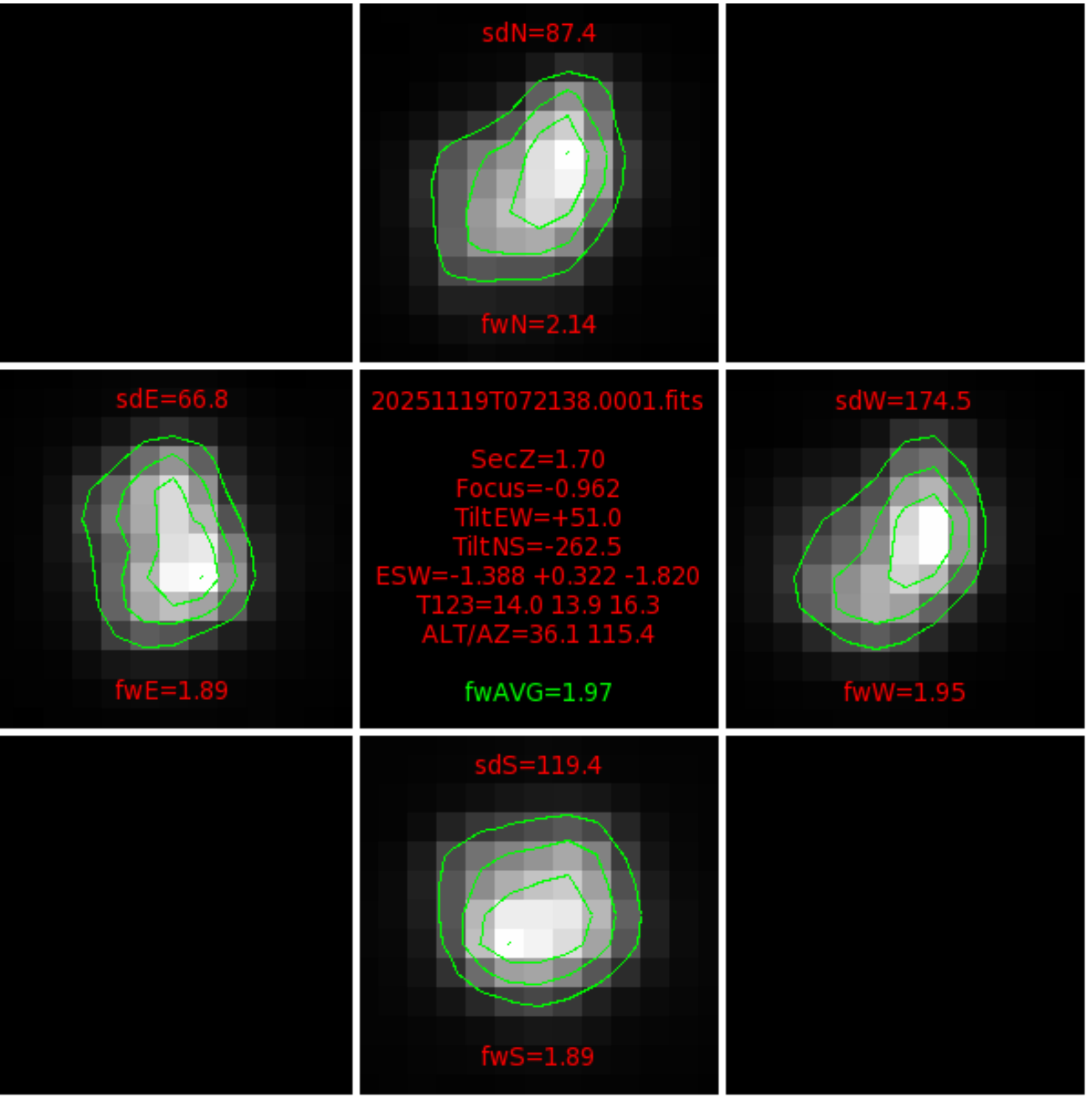
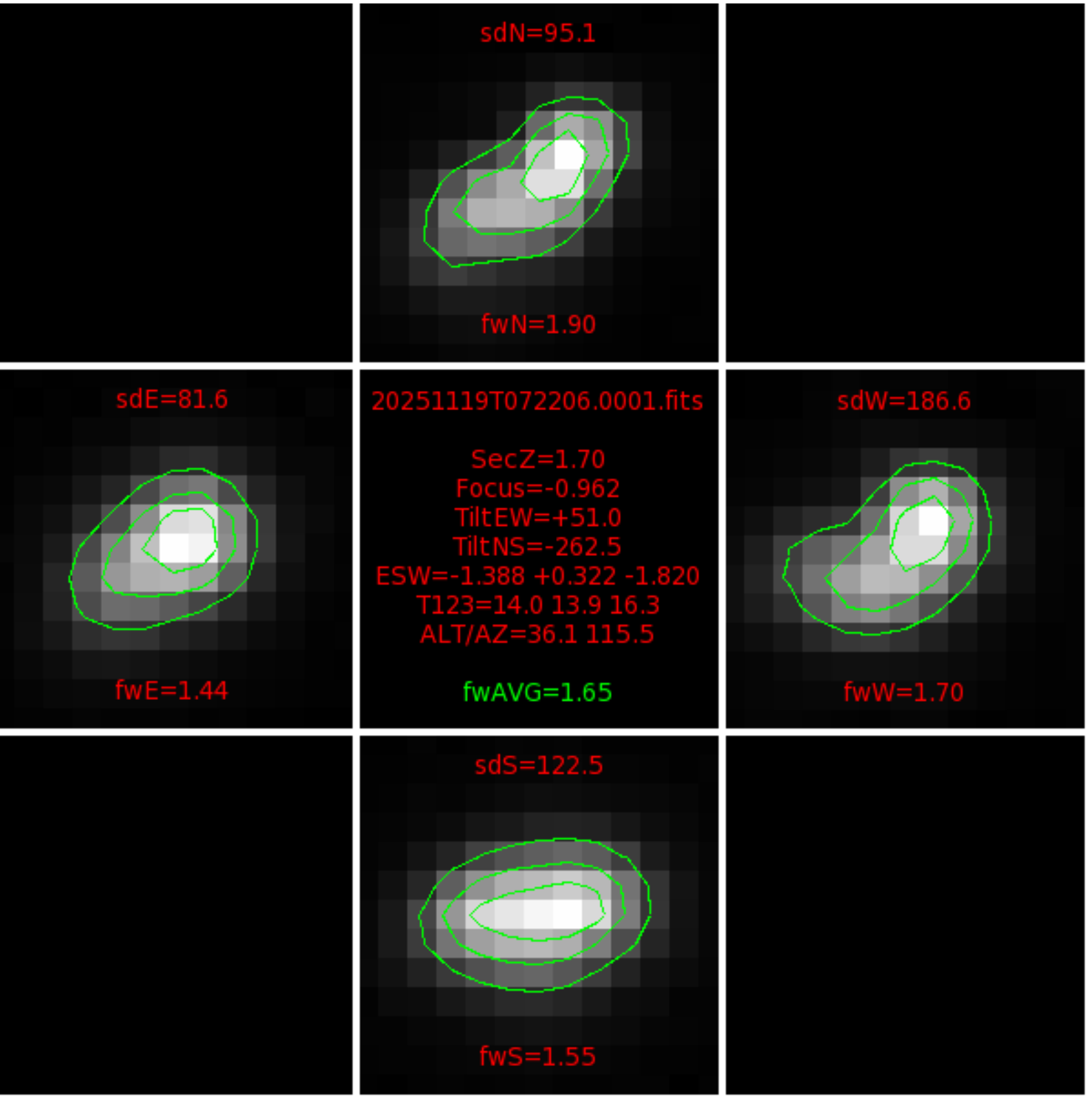

sdN=87.4
fwN=2.14
sdE=66.8
fwE=1.89
20251119T072138.0001.fits
SecZ=1.70
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.0 13.9 16.3
ALT/AZ=36.1 115.4
fwAVG=1.97
sdW=174.5
fwW=1.95
sdS=119.4
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=95.1
fwN=1.90
sdE=81.6
fwE=1.44
20251119T072206.0001.fits
SecZ=1.70
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.0 13.9 16.3
ALT/AZ=36.1 115.5
fwAVG=1.65
sdW=186.6
fwW=1.70
sdS=122.5
fwS=1.55
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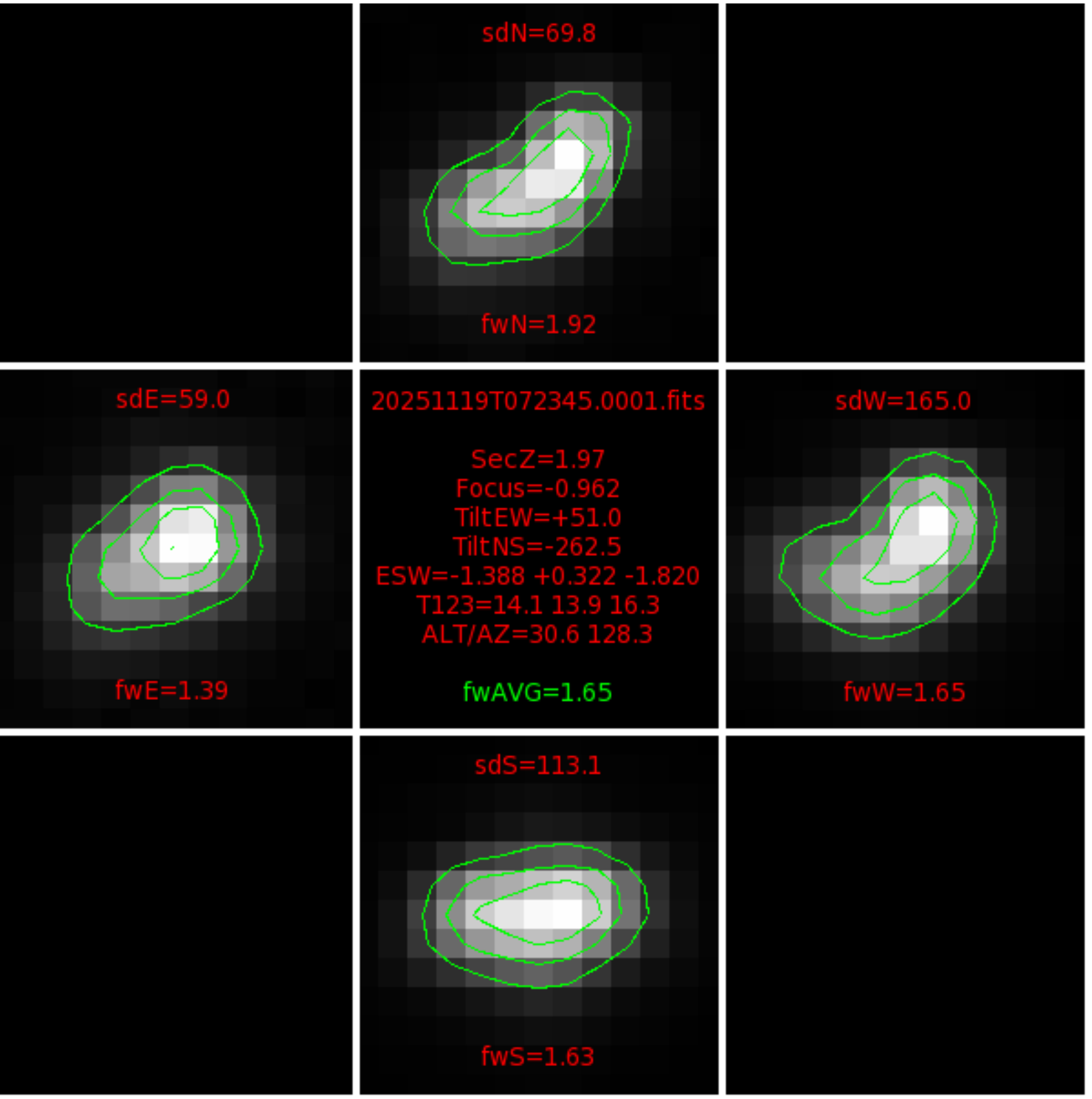
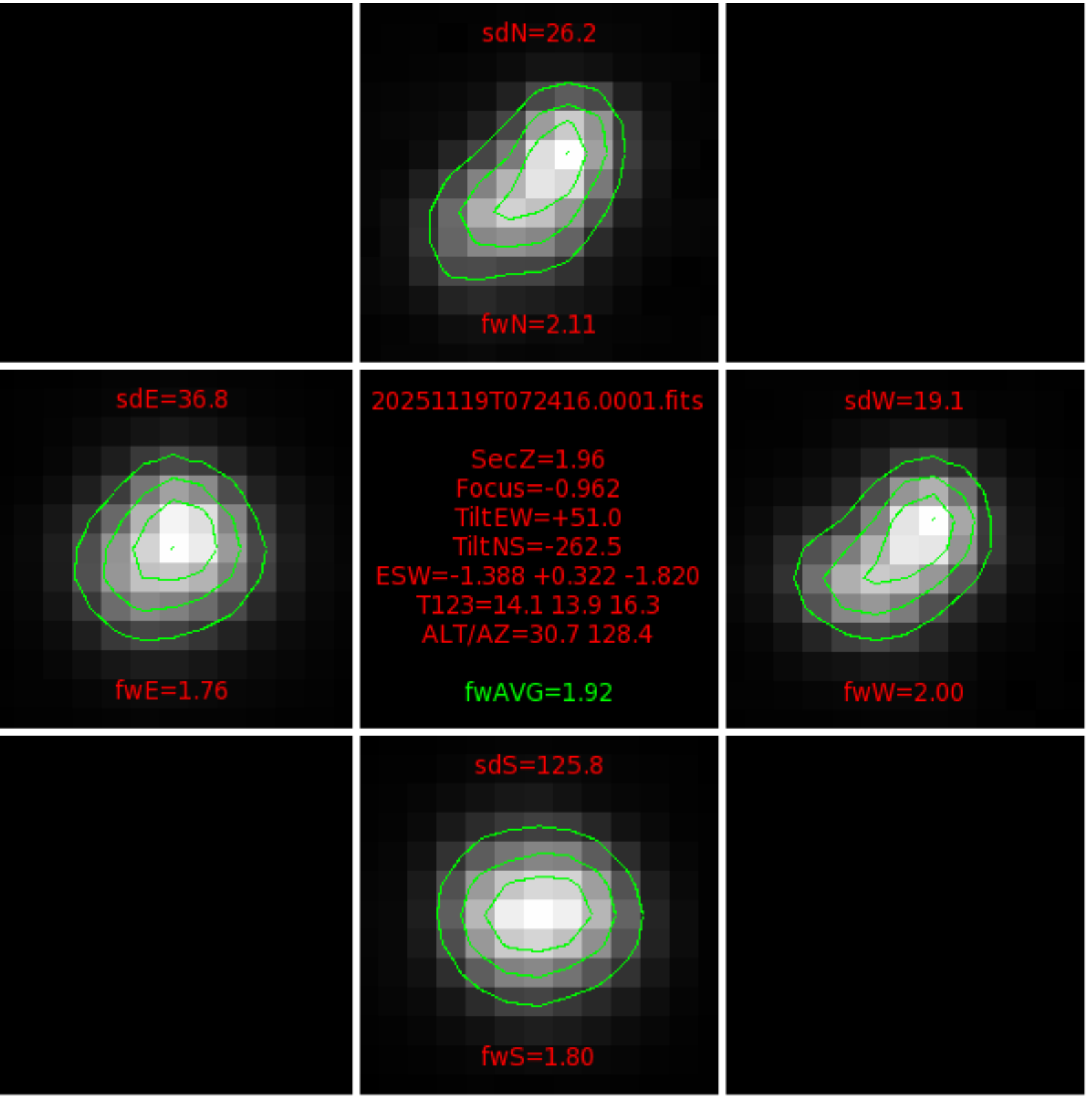

sdN=69.8
fwN=1.92
sdE=59.0
fwE=1.39
20251119T072345.0001.fits
SecZ=1.97
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.1 13.9 16.3
ALT/AZ=30.6 128.3
fwAVG=1.65
sdW=165.0
fwW=1.65
sdS=113.1
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=26.2
fwN=2.11
sdE=36.8
fwE=1.76
20251119T072416.0001.fits
SecZ=1.96
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.1 13.9 16.3
ALT/AZ=30.7 128.4
fwAVG=1.92
sdW=19.1
fwW=2.00
sdS=125.8
fwS=1.80
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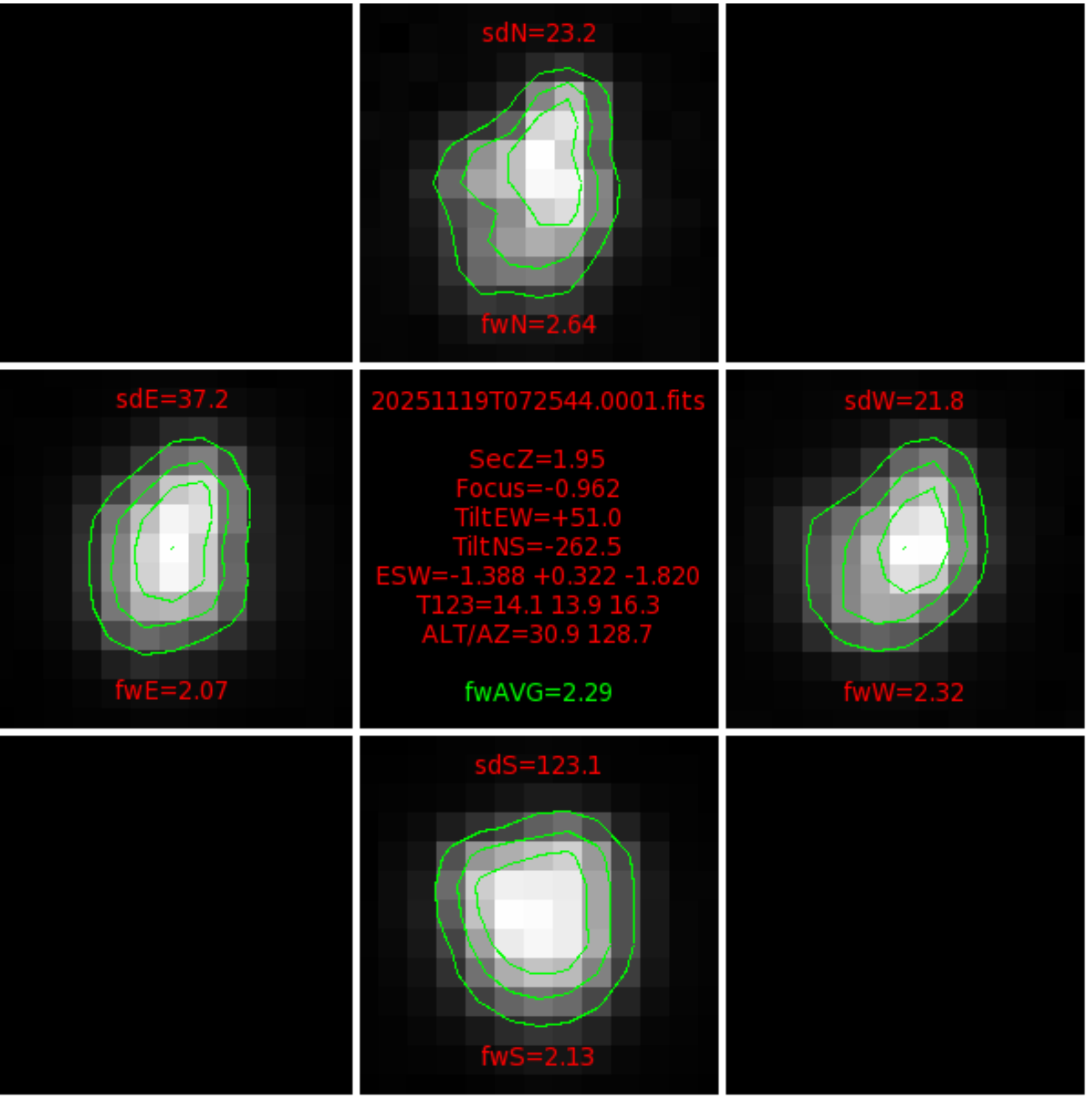
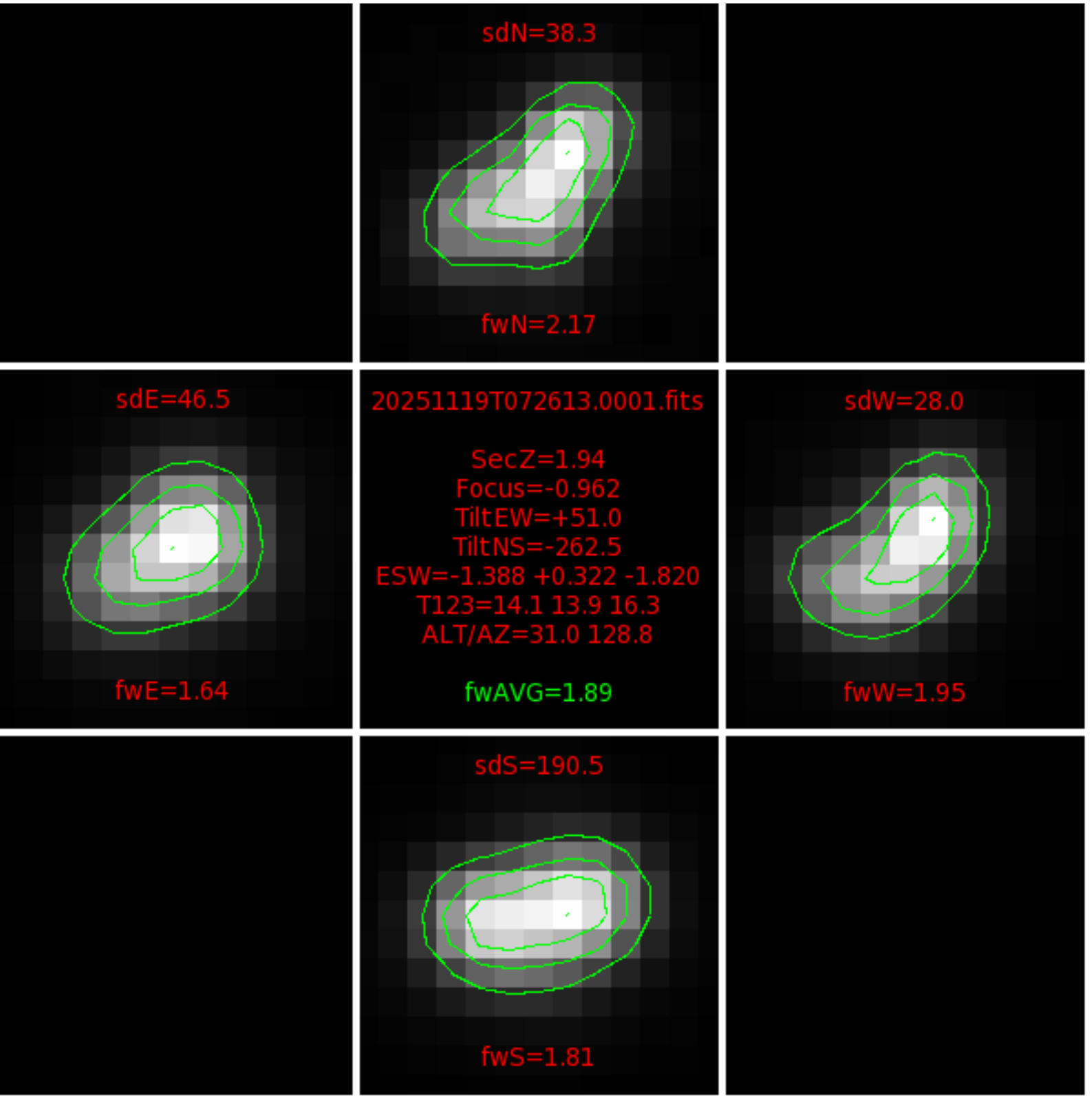

sdN=23.2
fwN=2.64
sdE=37.2
fwE=2.07
20251119T072544.0001.fits
SecZ=1.95
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.1 13.9 16.3
ALT/AZ=30.9 128.7
fwAVG=2.29
sdW=21.8
fwW=2.32
sdS=123.1
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=38.3
fwN=2.17
sdE=46.5
fwE=1.64
20251119T072613.0001.fits
SecZ=1.94
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.1 13.9 16.3
ALT/AZ=31.0 128.8
fwAVG=1.89
sdW=28.0
fwW=1.95
sdS=190.5
fwS=1.81
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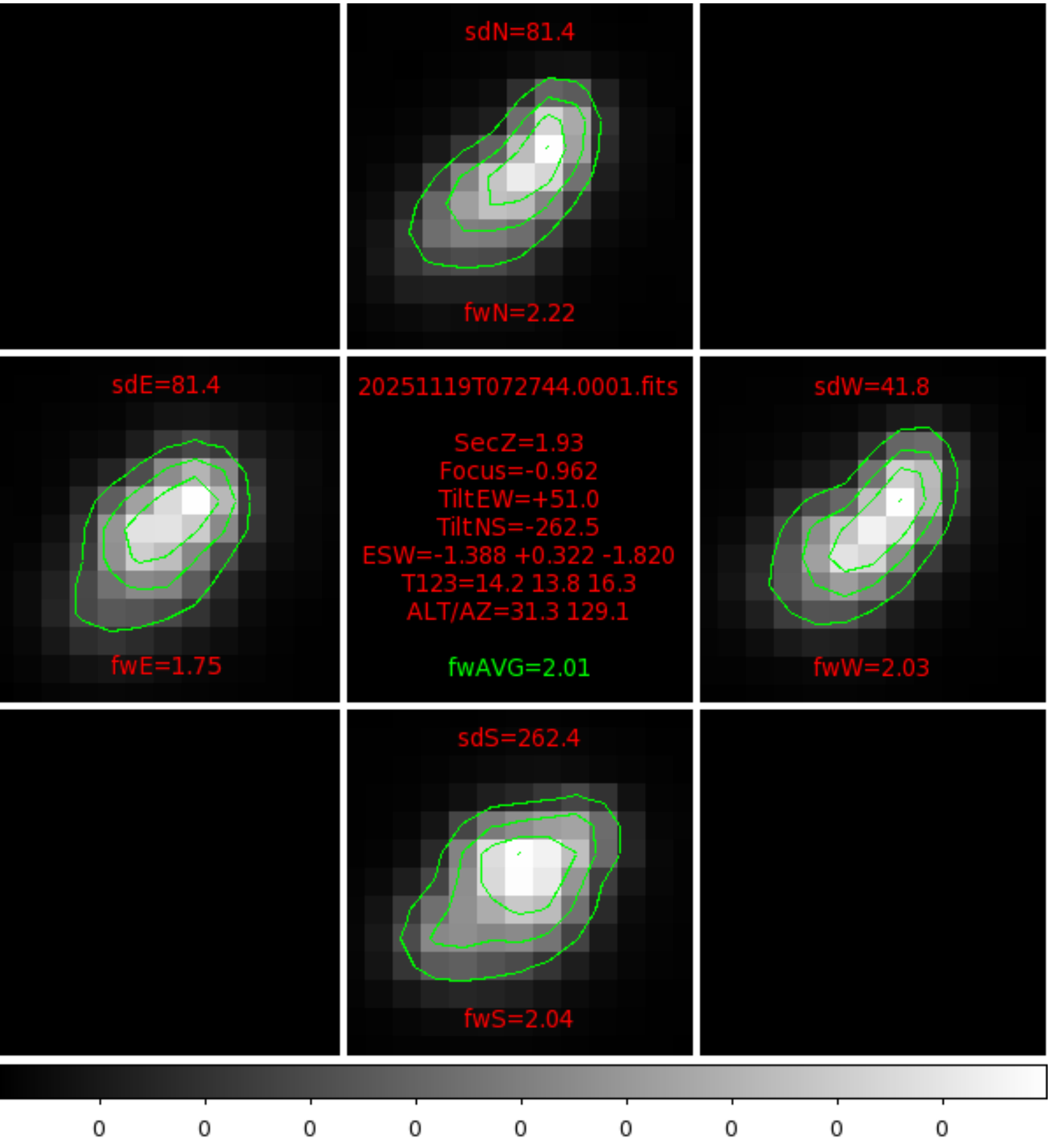
sdN=81.4
fwN=2.22
sdE=81.4
fwE=1.75
20251119T072744.0001.fits
SecZ=1.93
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.2 13.8 16.3
ALT/AZ=31.3 129.1
fwAVG=2.01
sdW=41.8
fwW=2.03
sdS=262.4
fwS=2.04
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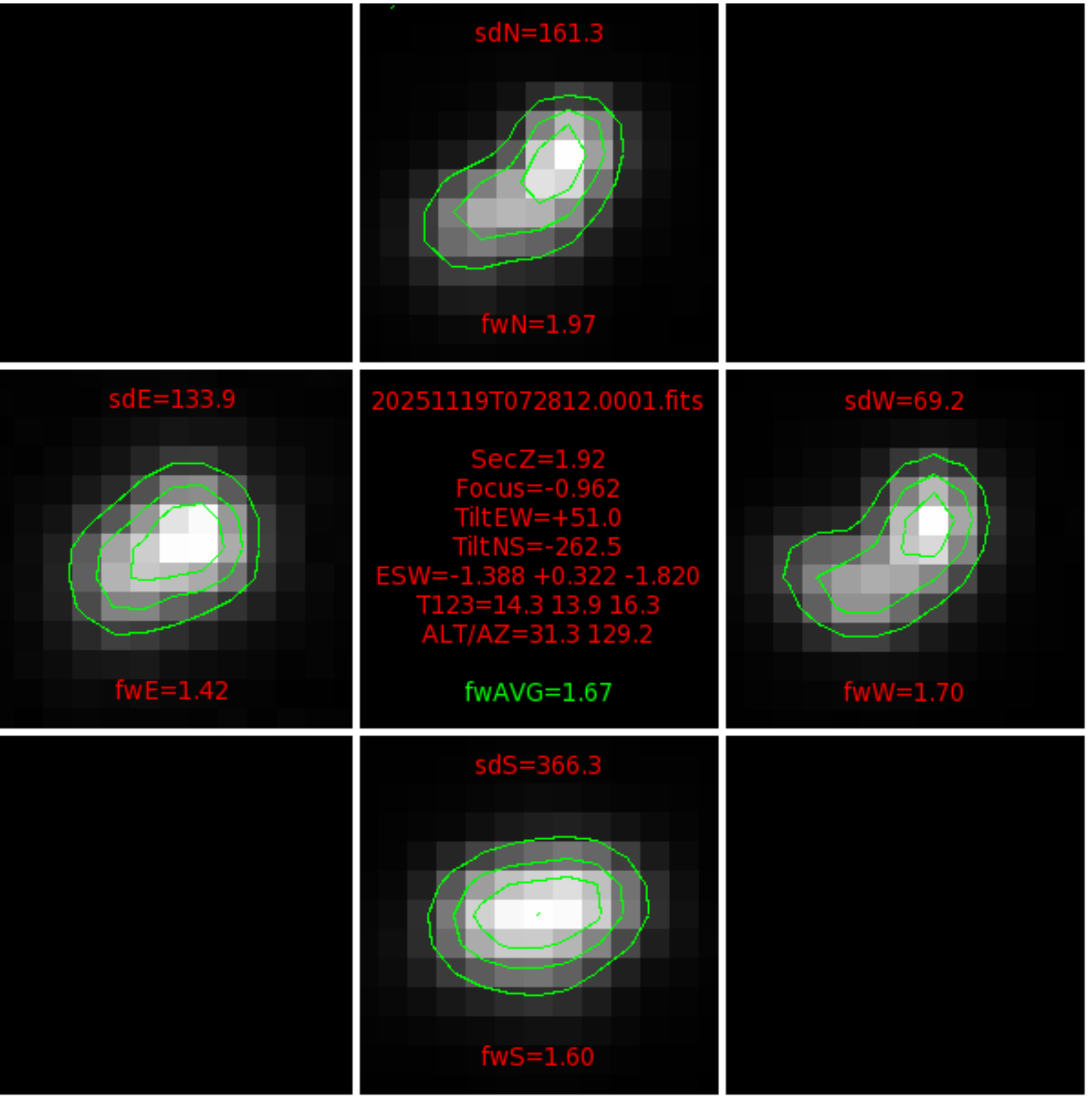
sdN=161.3
fwN=1.97
sdE=133.9
fwE=1.42
20251119T072812.0001.fits
SecZ=1.92
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.3 13.9 16.3
ALT/AZ=31.3 129.2
fwAVG=1.67
sdW=69.2
fwW=1.70
sdS=366.3
fwS=1.60
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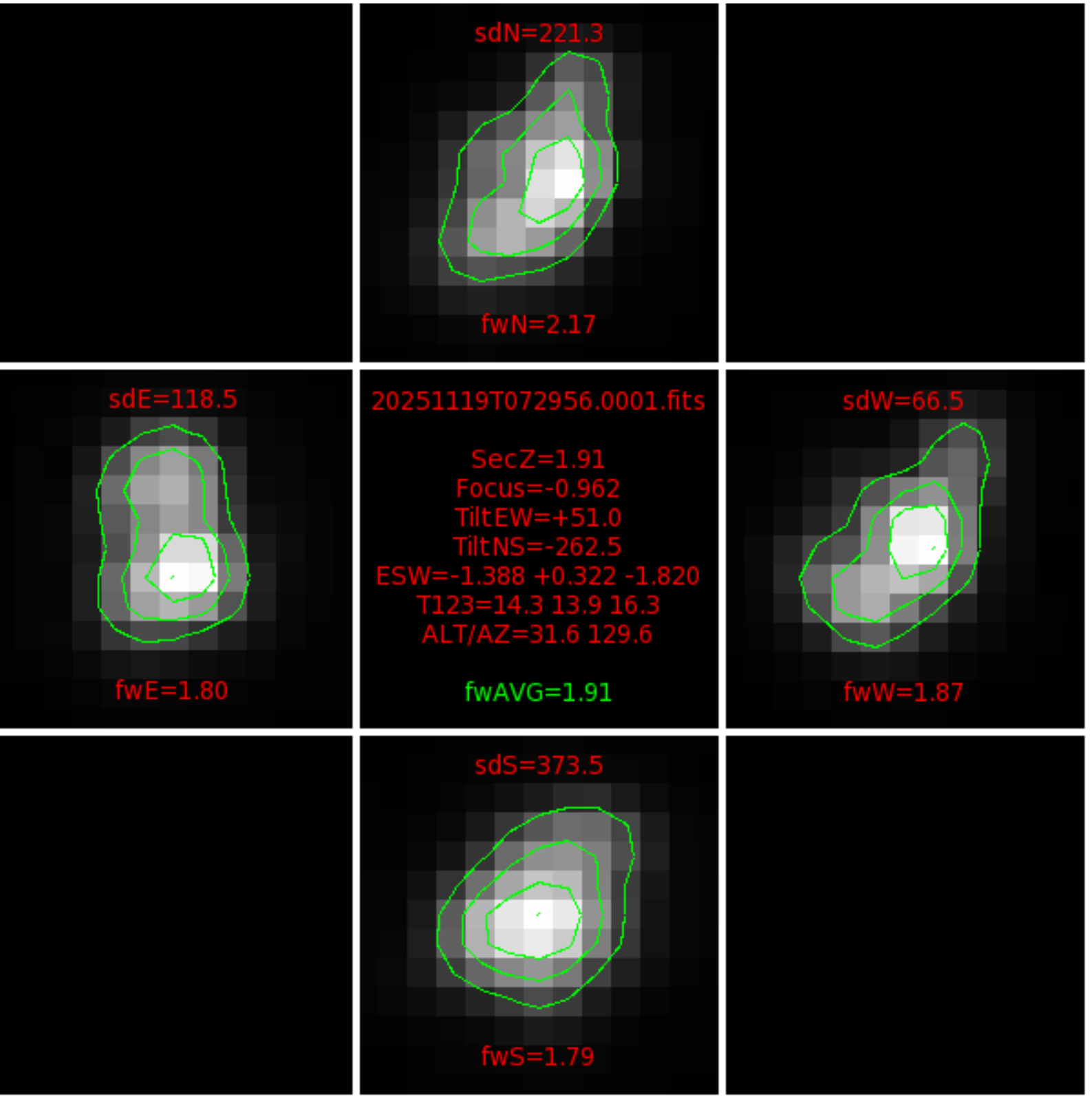
sdN=221.3
fwN=2.17
sdE=118.5
fwE=1.80
20251119T072956.0001.fits
SecZ=1.91
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.3 13.9 16.3
ALT/AZ=31.6 129.6
fwAVG=1.91
sdW=66.5
fwW=1.87
sdS=373.5
fwS=1.79
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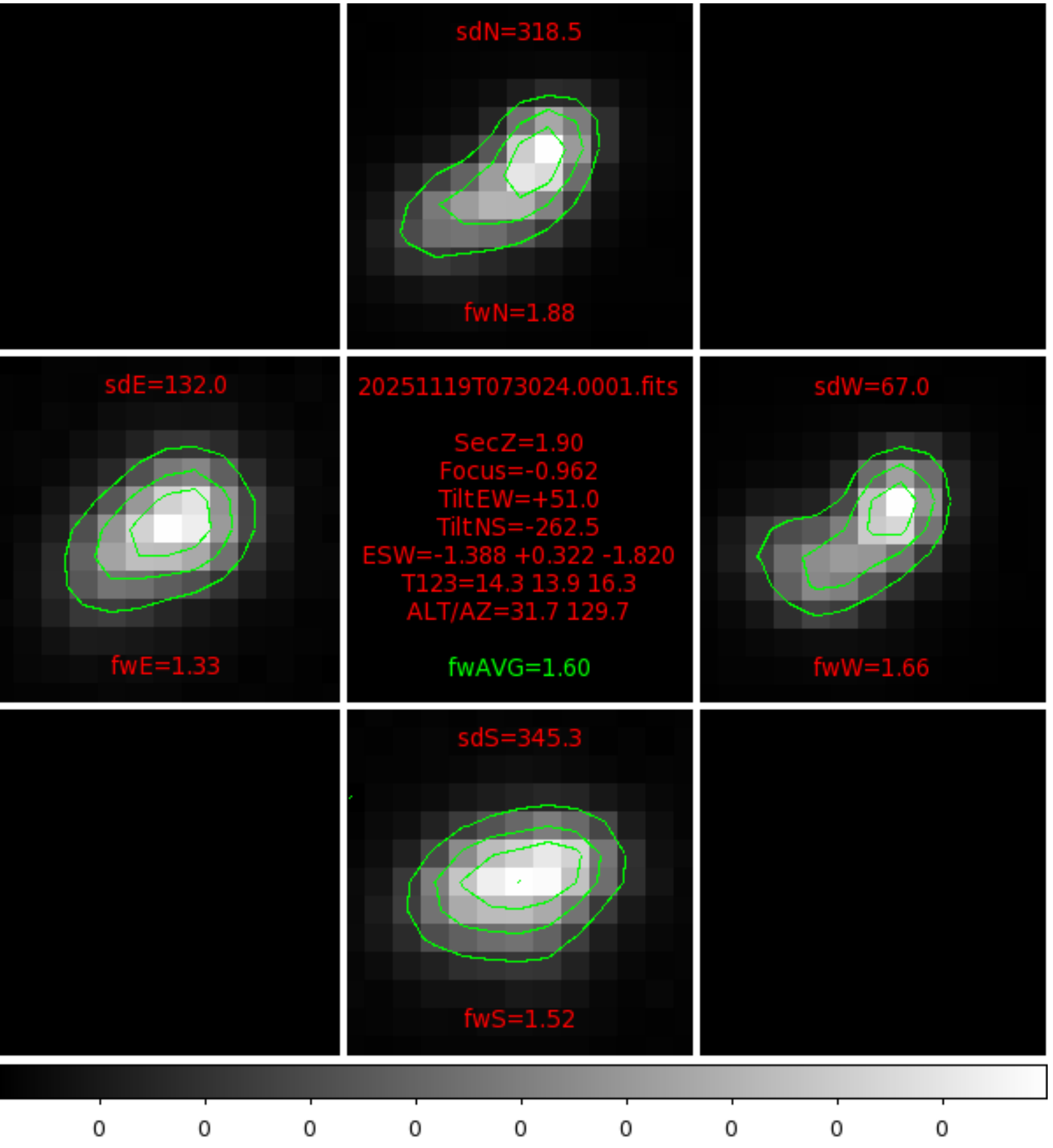
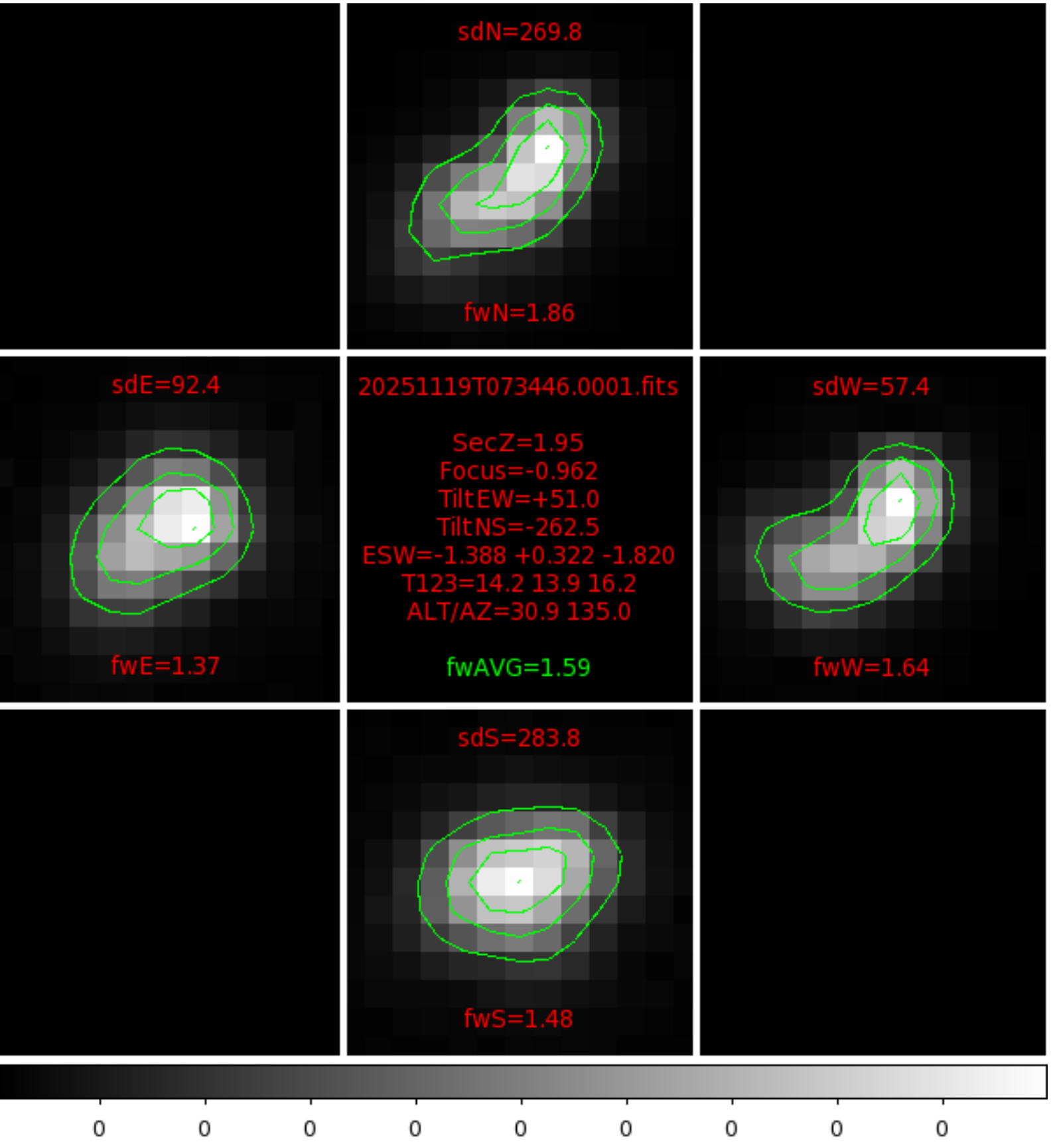

sdN=318.5
fwN=1.88
sdE=132.0
fwE=1.33
20251119T073024.0001.fits
SecZ=1.90
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.3 13.9 16.3
ALT/AZ=31.7 129.7
fwAVG=1.60
sdW=67.0
fwW=1.66
sdS=345.3
fwS=1.52
0 0 0 0 0 0 0 0 0


sdN=269.8
fwN=1.86
sdE=92.4
fwE=1.37
20251119T073446.0001.fits
SecZ=1.95
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.2 13.9 16.2
ALT/AZ=30.9 135.0
fwAVG=1.59
sdW=57.4
fwW=1.64
sdS=283.8
fwS=1.48
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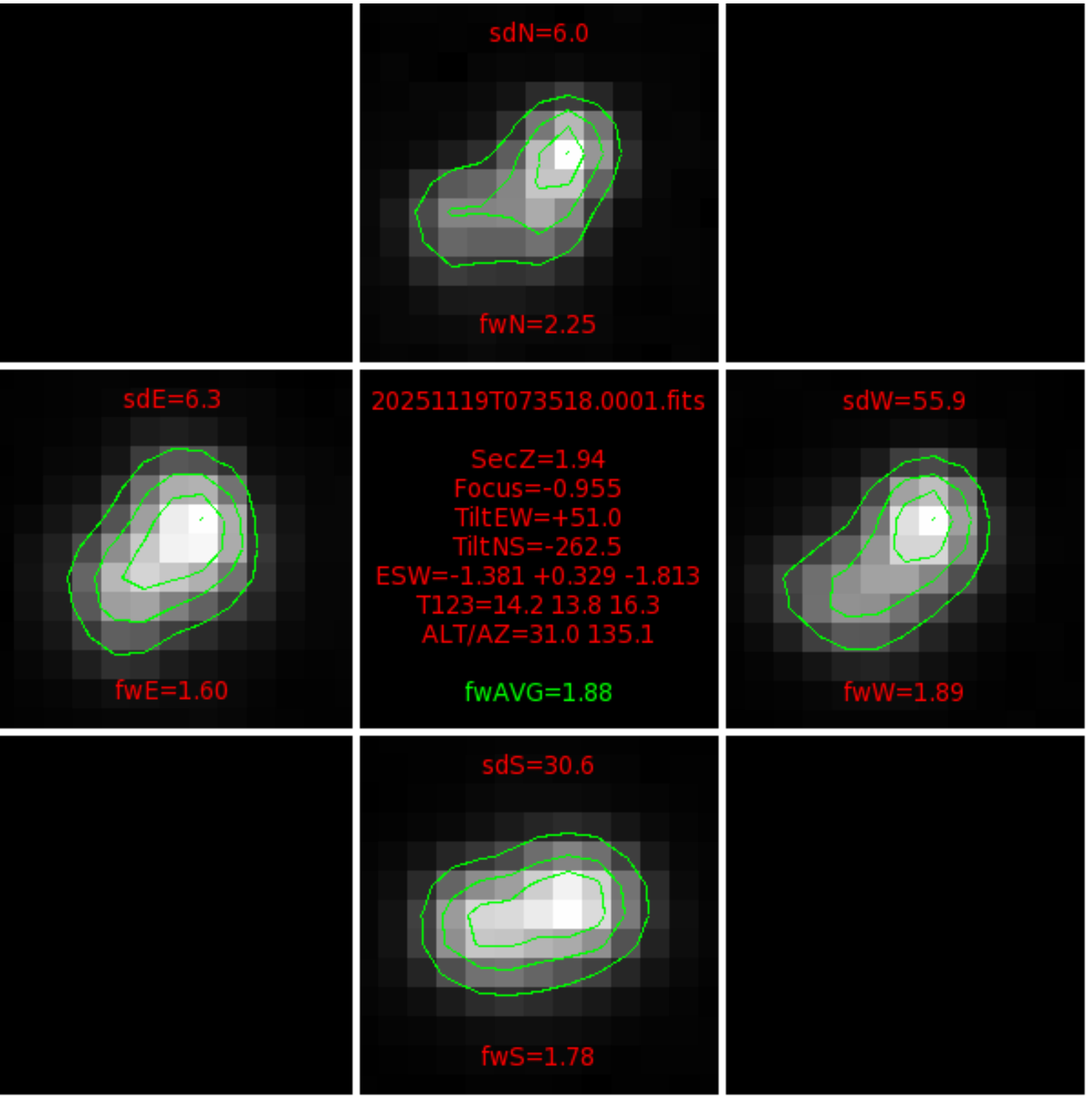
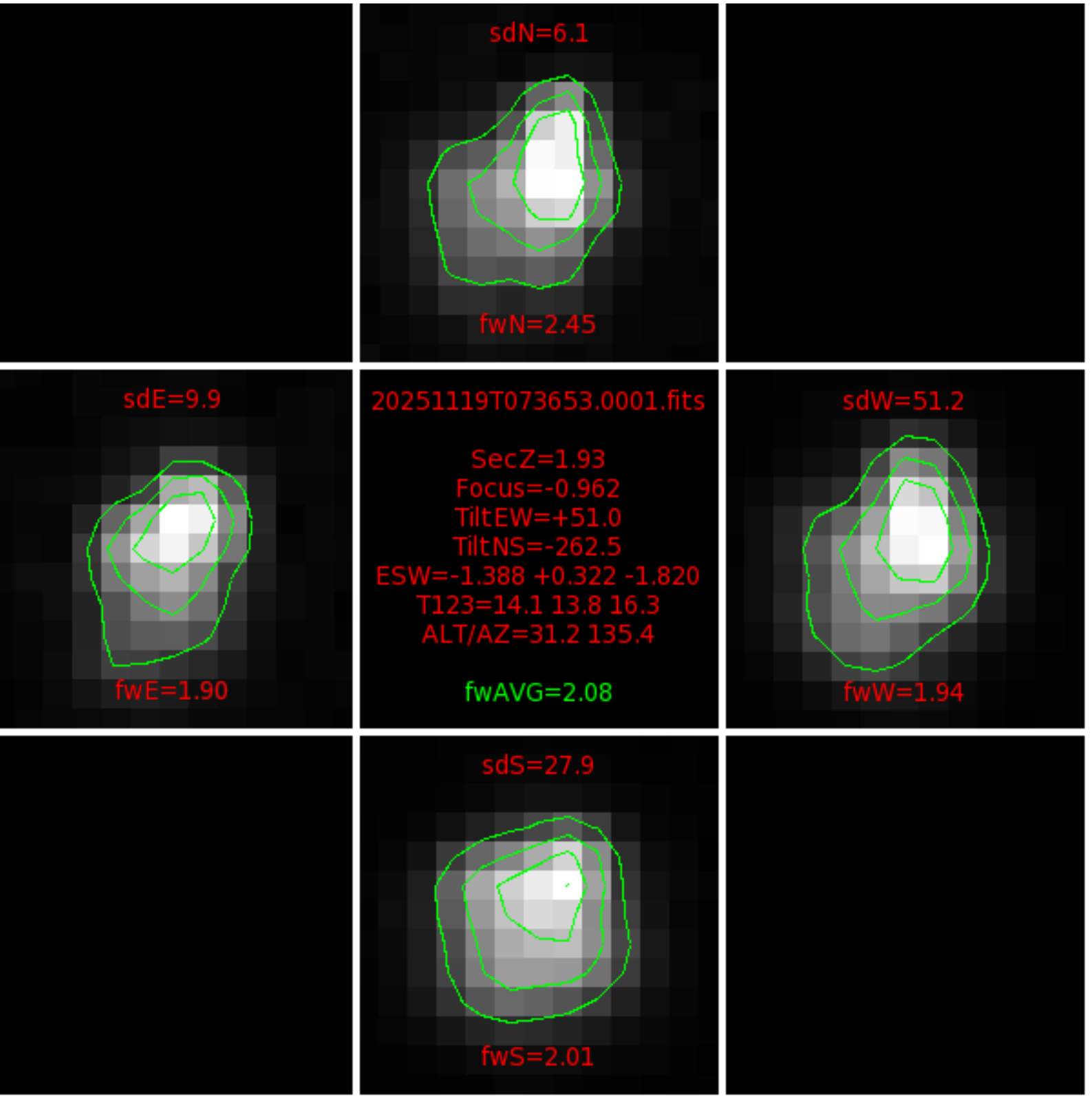
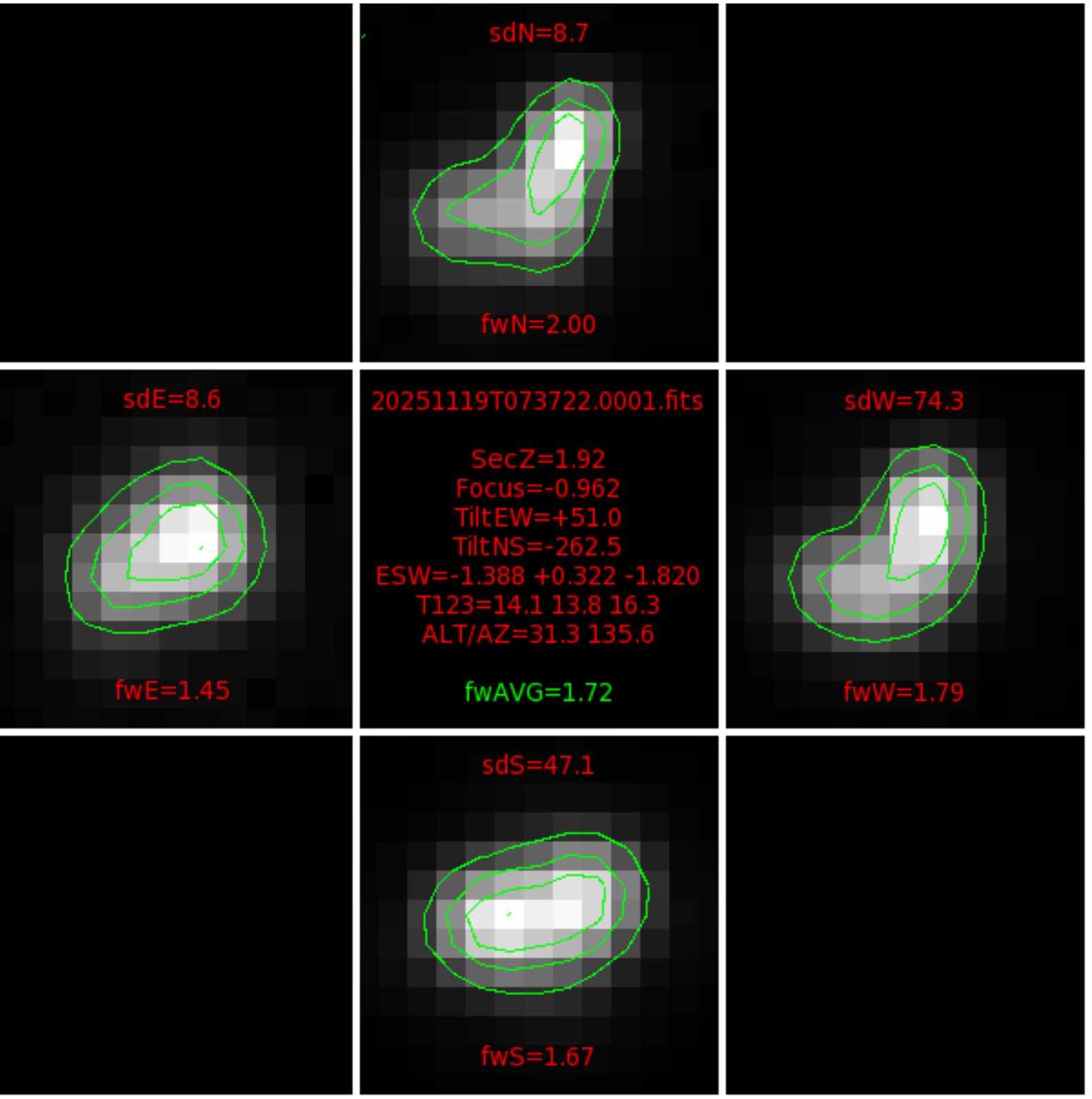
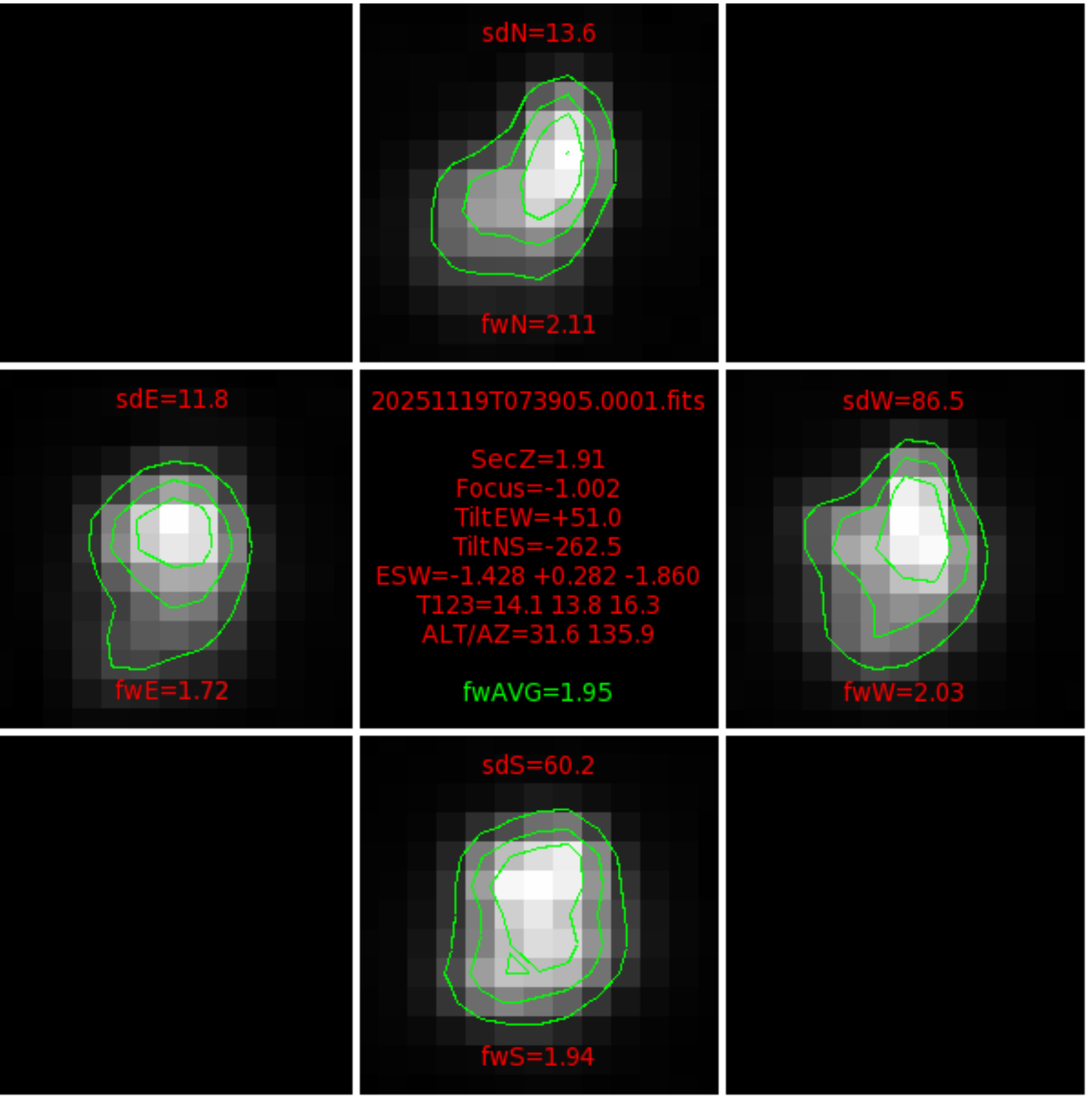
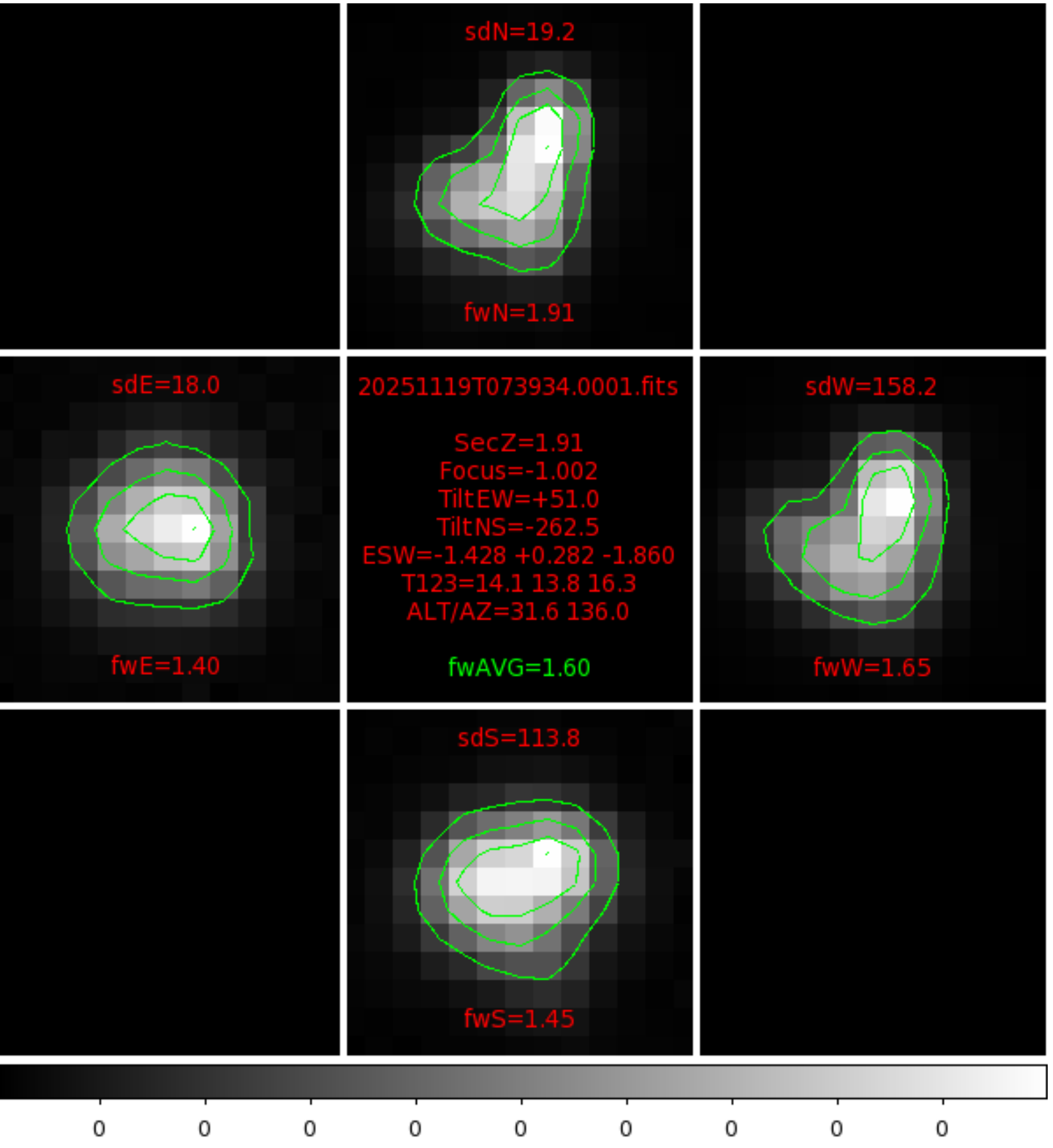
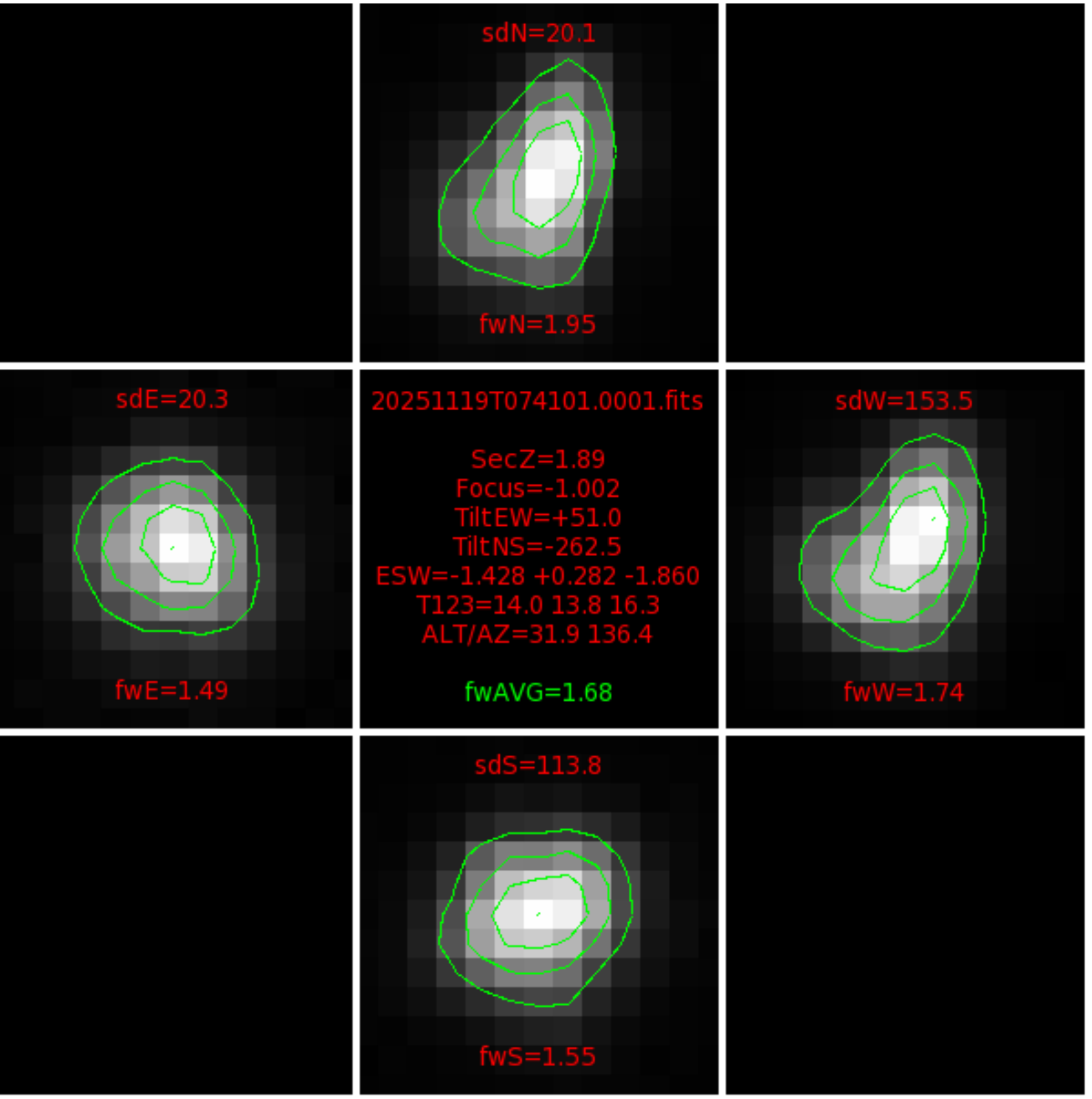

sdN=6.0
fwN=2.25
sdE=6.3
fwE=1.60
20251119T073518.0001.fits
SecZ=1.94
Focus=-0.955
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.381 +0.329 -1.813
T123=14.2 13.8 16.3
ALT/AZ=31.0 135.1
fwAVG=1.88
sdW=55.9
fwW=1.89
sdS=30.6
fwS=1.78
0 0 0 0 0 0 0 0 0

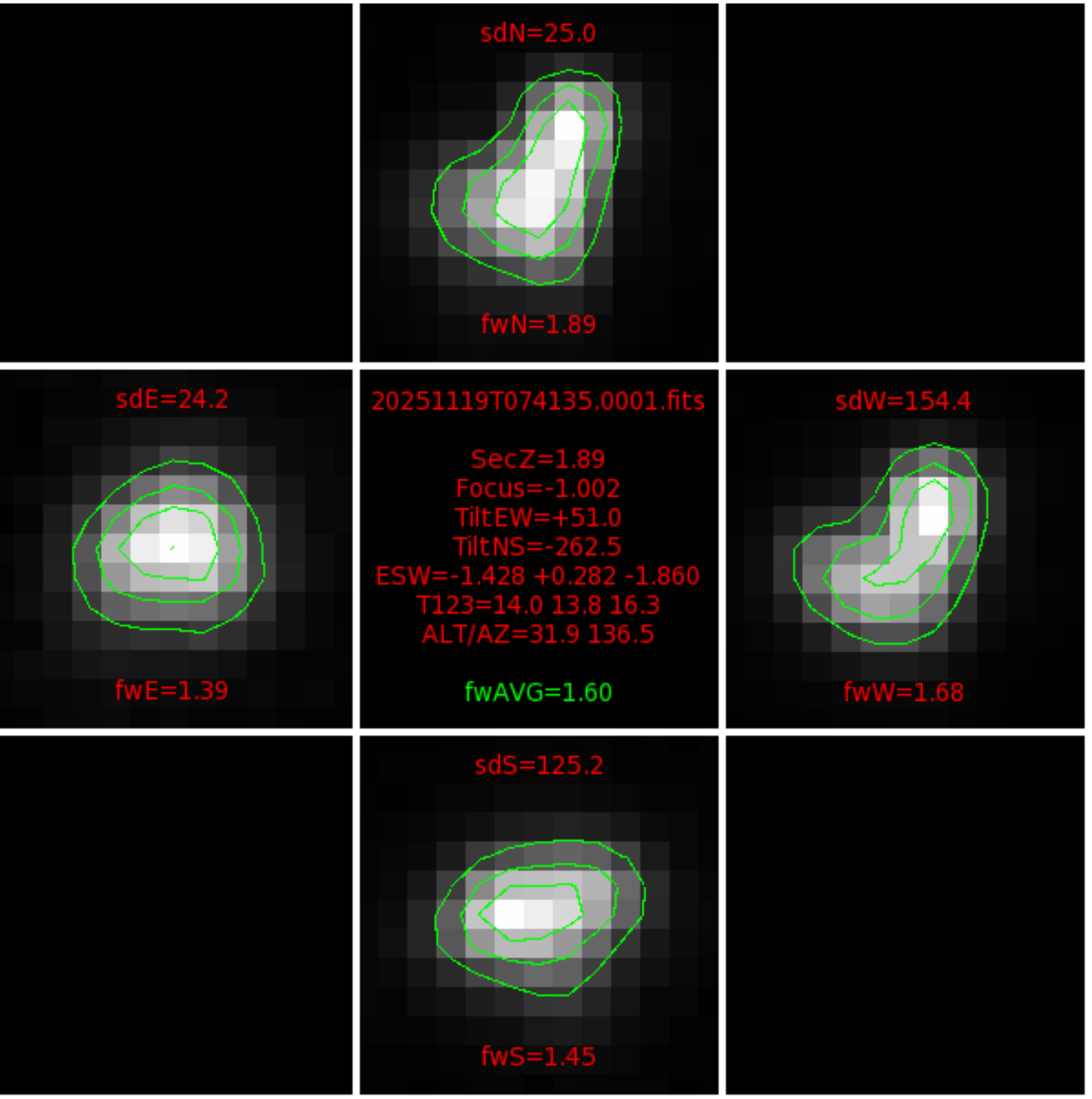

sdN=6.1
fwN=2.45
sdE=9.9
fwE=1.90
20251119T073653.0001.fits
SecZ=1.93
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.1 13.8 16.3
ALT/AZ=31.2 135.4
fwAVG=2.08
sdW=51.2
fwW=1.94
sdS=27.9
fwS=2.01
0 0 0 0 0 0 0 0 0

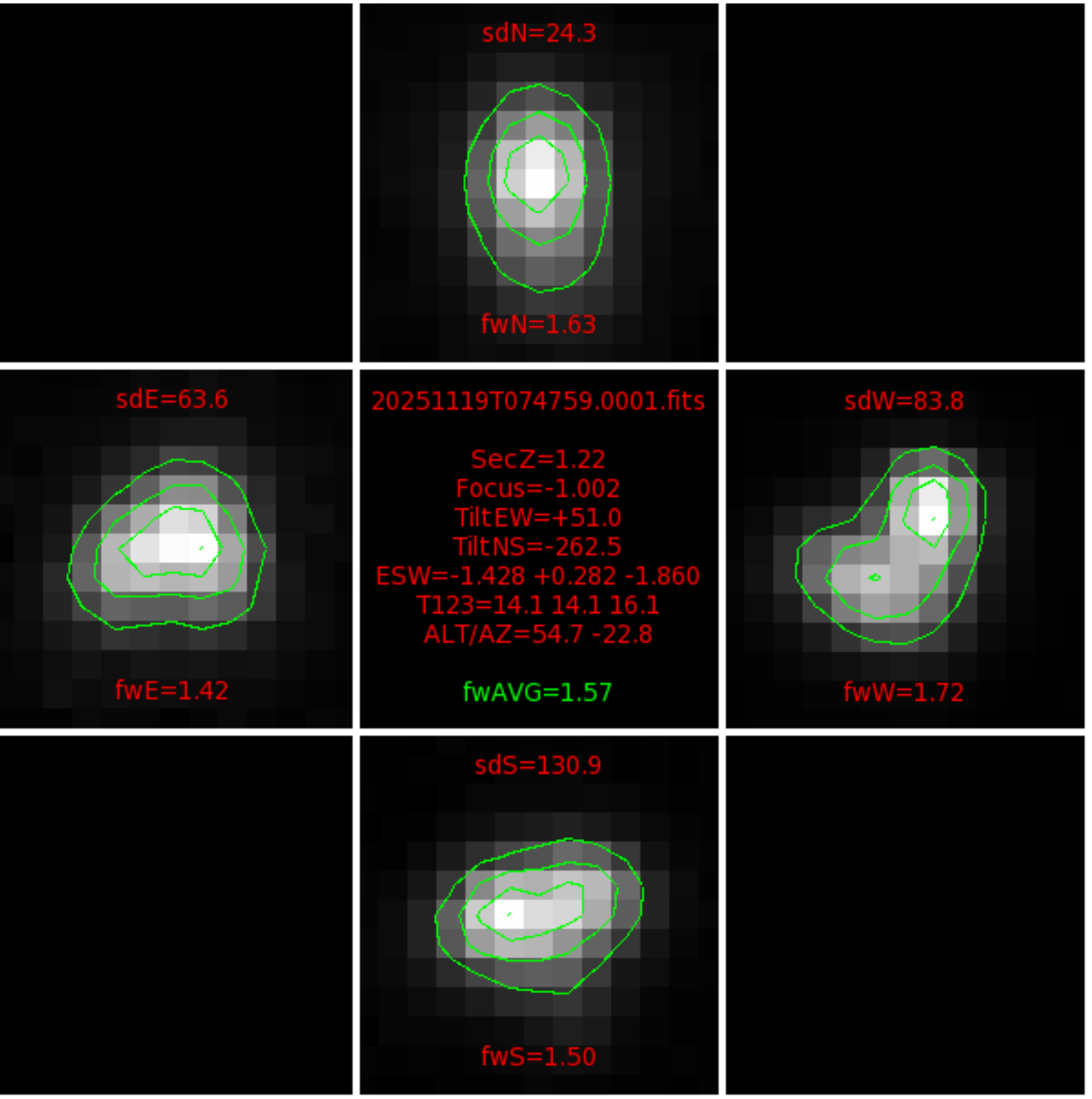

sdN=8.7
fwN=2.00
sdE=8.6
fwE=1.45
20251119T073722.0001.fits
SecZ=1.92
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=14.1 13.8 16.3
ALT/AZ=31.3 135.6
fwAVG=1.72
sdW=74.3
fwW=1.79
sdS=47.1
fwS=1.67
0 0 0 0 0 0 0 0 0


sdN=13.6
fwN=2.11
sdE=11.8
fwE=1.72
20251119T073905.0001.fits
SecZ=1.91
Focus=-1.002
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.428 +0.282 -1.860
T123=14.1 13.8 16.3
ALT/AZ=31.6 135.9
fwAVG=1.95
sdW=86.5
fwW=2.03
sdS=60.2
fwS=1.94
0 0 0 0 0 0 0 0 0


sdN=19.2
fwN=1.91
sdE=18.0
fwE=1.40
20251119T073934.0001.fits
SecZ=1.91
Focus=-1.002
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.428 +0.282 -1.860
T123=14.1 13.8 16.3
ALT/AZ=31.6 136.0
fwAVG=1.60
sdW=158.2
fwW=1.65
sdS=113.8
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=20.1
fwN=1.95
sdE=20.3
fwE=1.49
20251119T074101.0001.fits
SecZ=1.89
Focus=-1.002
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.428 +0.282 -1.860
T123=14.0 13.8 16.3
ALT/AZ=31.9 136.4
fwAVG=1.68
sdW=153.5
fwW=1.74
sdS=113.8
fwS=1.55
0 0 0 0 0 0 0 0 0


sdN=25.0
fwN=1.89
sdE=24.2
fwE=1.39
20251119T074135.0001.fits
SecZ=1.89
Focus=-1.002
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.428 +0.282 -1.860
T123=14.0 13.8 16.3
ALT/AZ=31.9 136.5
fwAVG=1.60
sdW=154.4
fwW=1.68
sdS=125.2
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=24.3
fwN=1.63
sdE=63.6
fwE=1.42
20251119T074759.0001.fits
SecZ=1.22
Focus=-1.002
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.428 +0.282 -1.860
T123=14.1 14.1 16.1
ALT/AZ=54.7 -22.8
fwAVG=1.57
sdW=83.8
fwW=1.72
sdS=130.9
fwS=1.50
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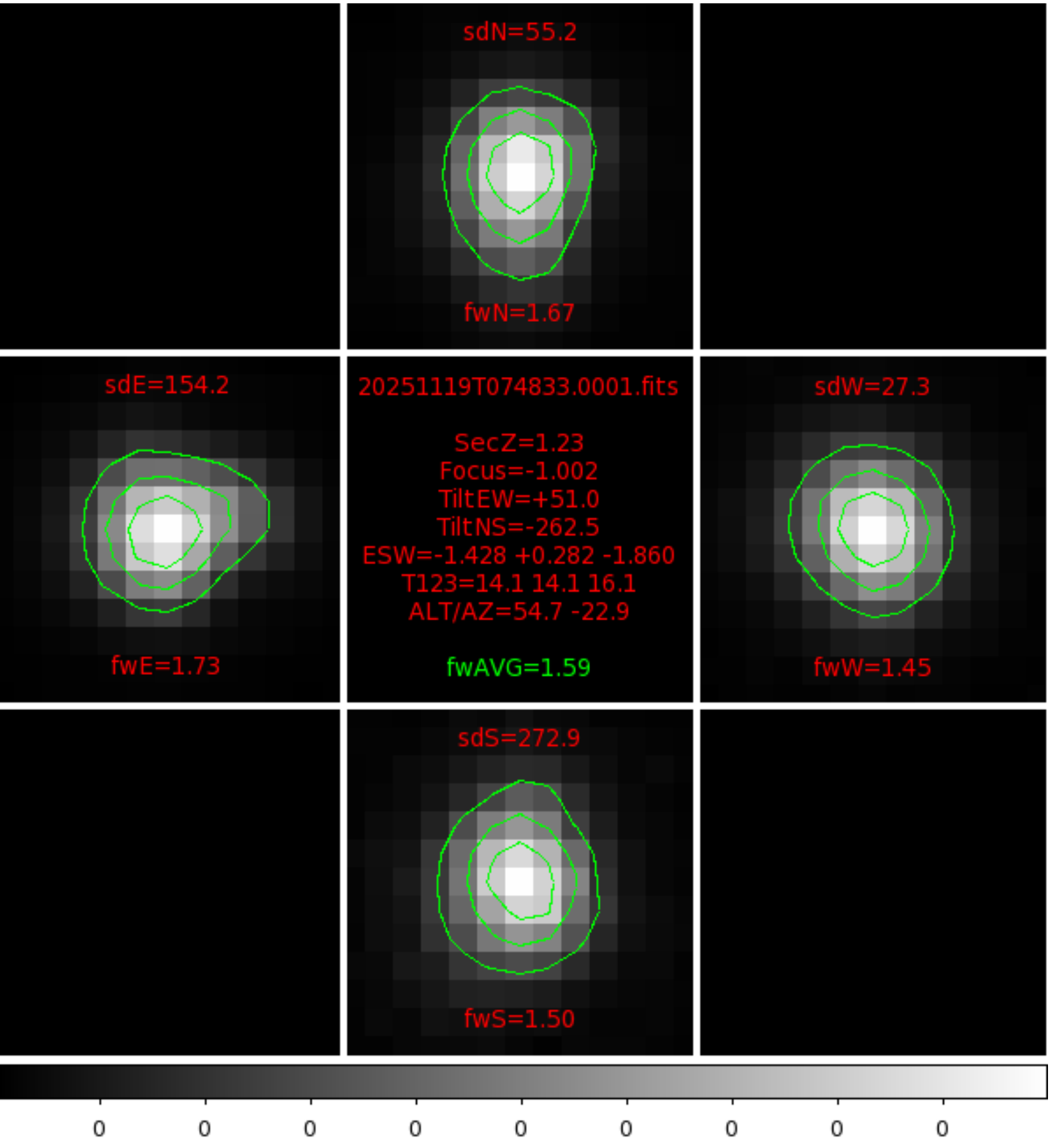
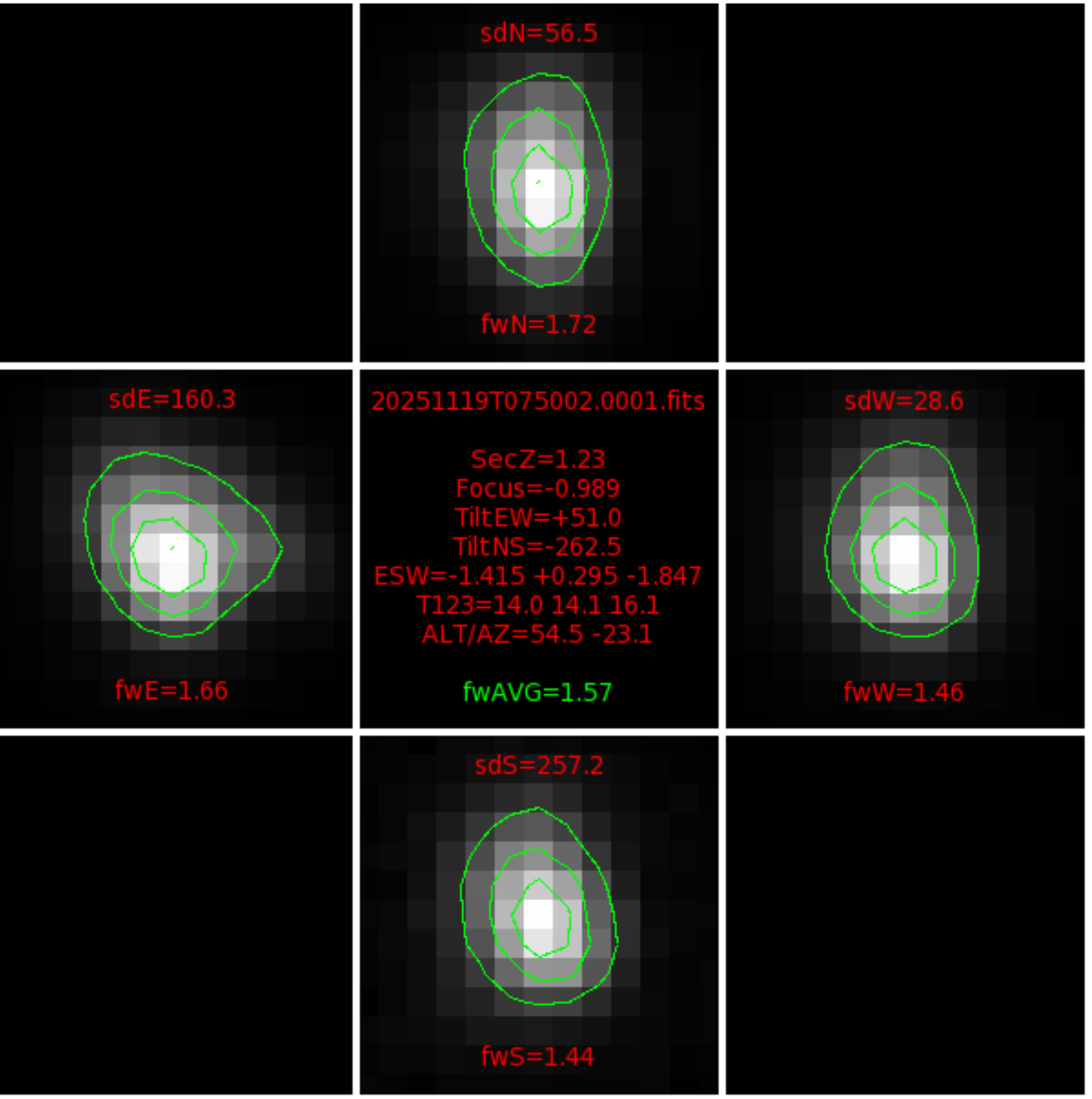

sdN=55.2
fwN=1.67
sdE=154.2
fwE=1.73
20251119T074833.0001.fits
SecZ=1.23
Focus=-1.002
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.428 +0.282 -1.860
T123=14.1 14.1 16.1
ALT/AZ=54.7 -22.9
fwAVG=1.59
sdW=27.3
fwW=1.45
sdS=272.9
fwS=1.50
0 0 0 0 0 0 0 0 0


sdN=56.5
fwN=1.72
sdE=160.3
fwE=1.66
20251119T075002.0001.fits
SecZ=1.23
Focus=-0.989
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.415 +0.295 -1.847
T123=14.0 14.1 16.1
ALT/AZ=54.5 -23.1
fwAVG=1.57
sdW=28.6
fwW=1.46
sdS=257.2
fwS=1.44
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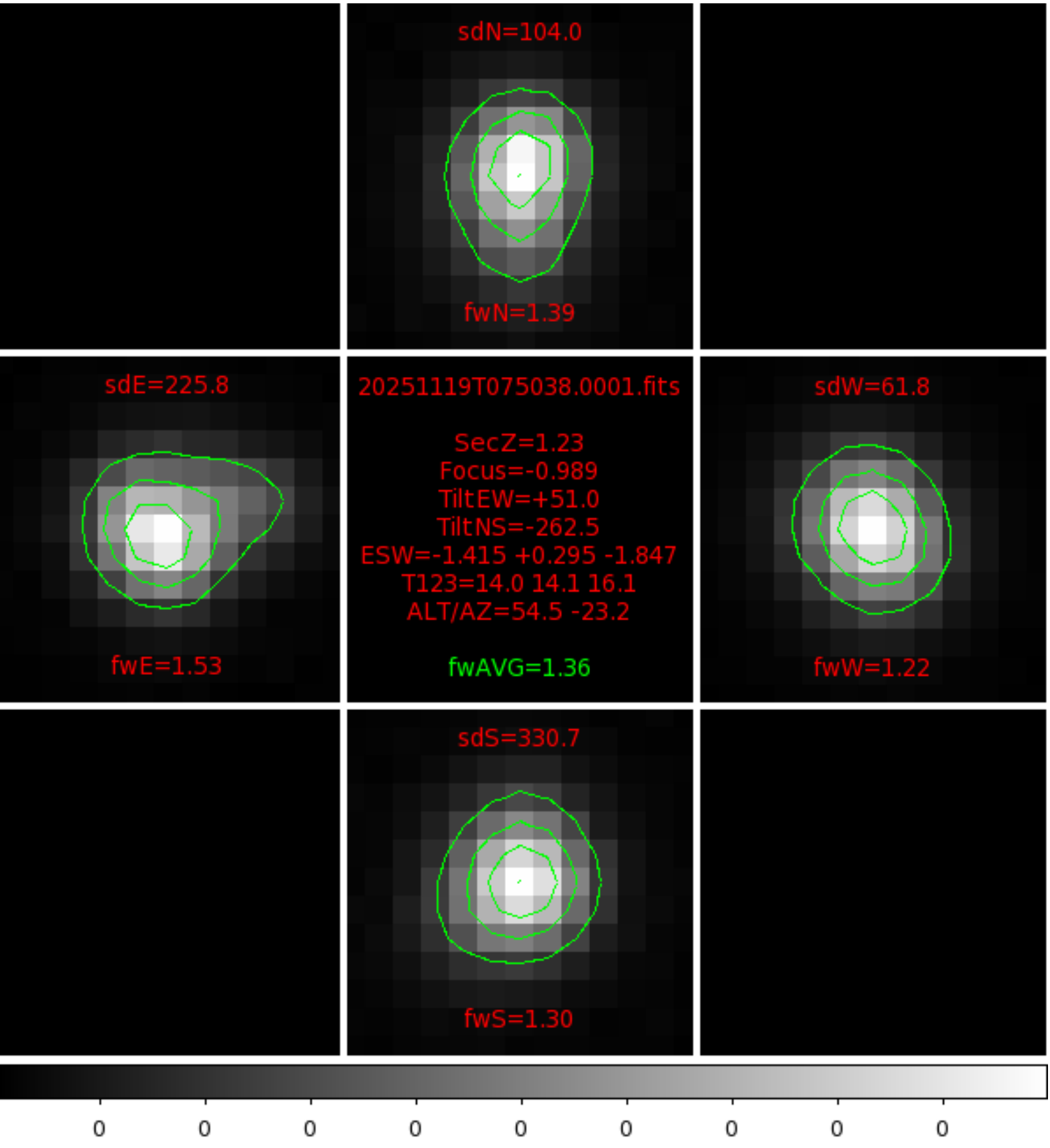
sdN=104.0
fwN=1.39
sdE=225.8
fwE=1.53
20251119T075038.0001.fits
SecZ=1.23
Focus=-0.989
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.415 +0.295 -1.847
T123=14.0 14.1 16.1
ALT/AZ=54.5 -23.2
fwAVG=1.36
sdW=61.8
fwW=1.22
sdS=330.7
fwS=1.30
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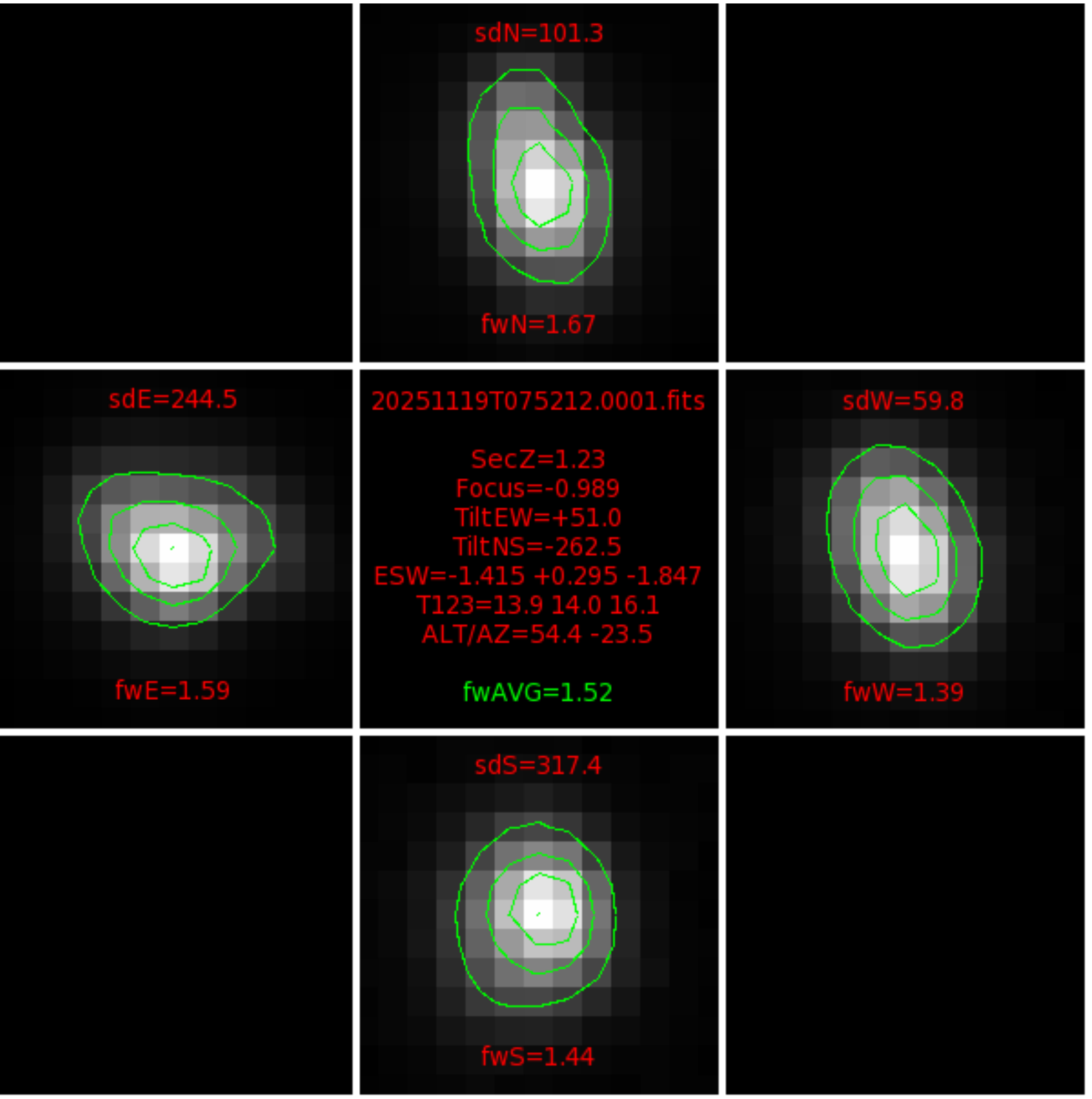
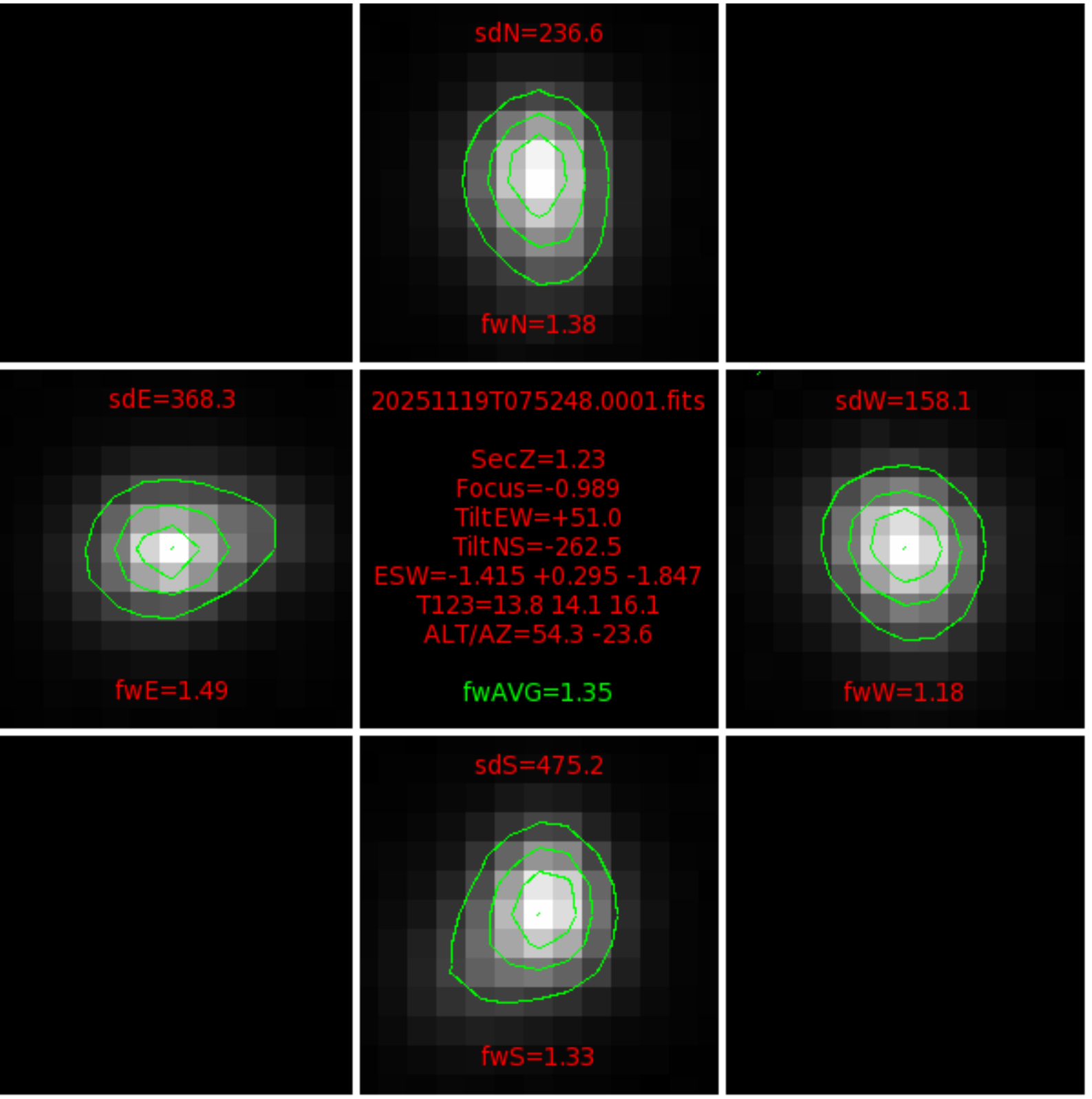
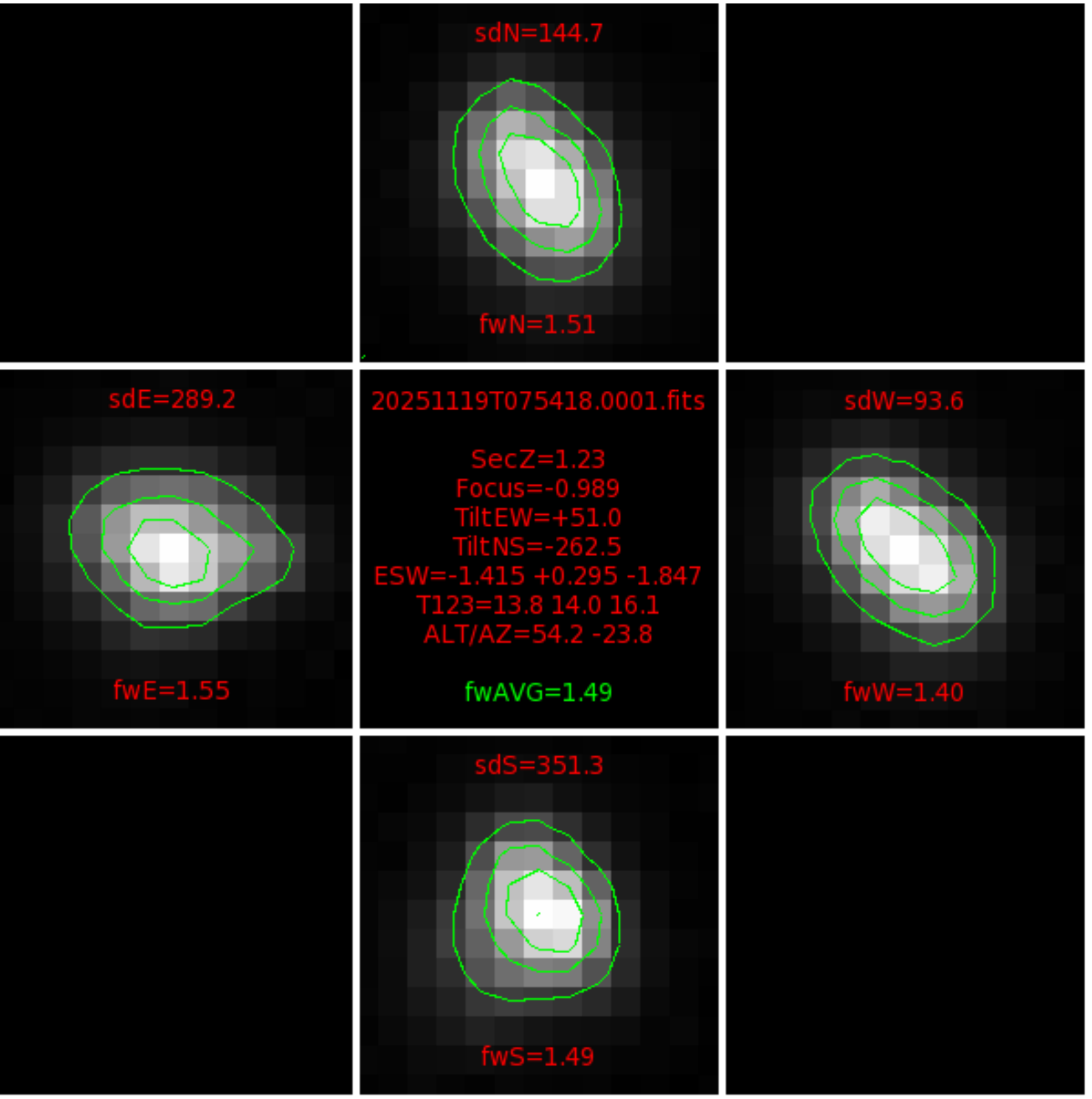

sdN=101.3
fwN=1.67
sdE=244.5
fwE=1.59
20251119T075212.0001.fits
SecZ=1.23
Focus=-0.989
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.415 +0.295 -1.847
T123=13.9 14.0 16.1
ALT/AZ=54.4 -23.5
fwAVG=1.52
sdW=59.8
fwW=1.39
sdS=317.4
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=236.6
fwN=1.38
sdE=368.3
fwE=1.49
20251119T075248.0001.fits
SecZ=1.23
Focus=-0.989
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.415 +0.295 -1.847
T123=13.8 14.1 16.1
ALT/AZ=54.3 -23.6
fwAVG=1.35
sdW=158.1
fwW=1.18
sdS=475.2
fwS=1.33
0 0 0 0 0 0 0 0 0


sdN=144.7
fwN=1.51
sdE=289.2
fwE=1.55
20251119T075418.0001.fits
SecZ=1.23
Focus=-0.989
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.415 +0.295 -1.847
T123=13.8 14.0 16.1
ALT/AZ=54.2 -23.8
fwAVG=1.49
sdW=93.6
fwW=1.40
sdS=351.3
fwS=1.49
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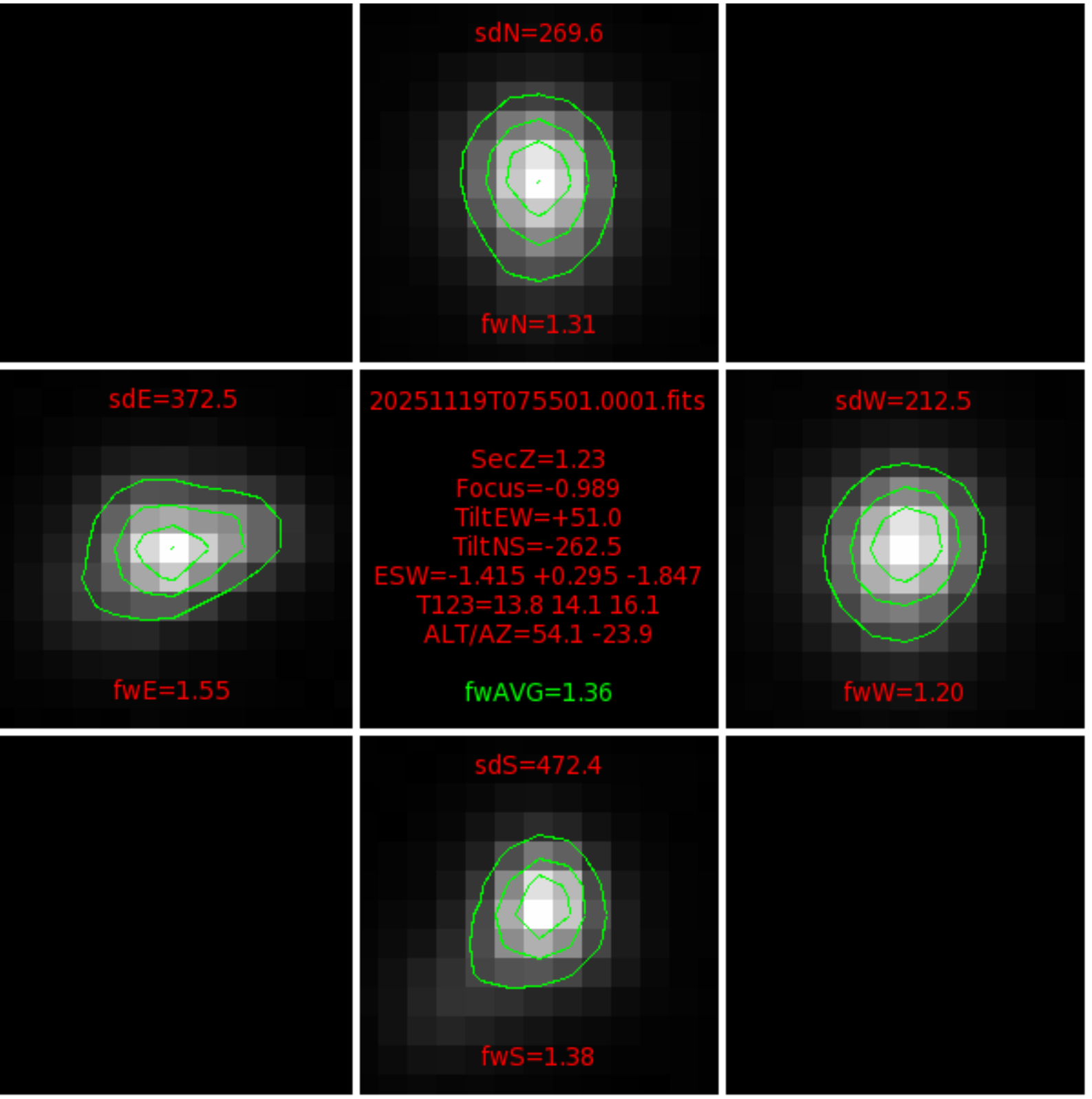
sdN=269.6
fwN=1.31
sdE=372.5
fwE=1.55
20251119T075501.0001.fits
SecZ=1.23
Focus=-0.989
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.415 +0.295 -1.847
T123=13.8 14.1 16.1
ALT/AZ=54.1 -23.9
fwAVG=1.36
sdW=212.5
fwW=1.20
sdS=472.4
fwS=1.38
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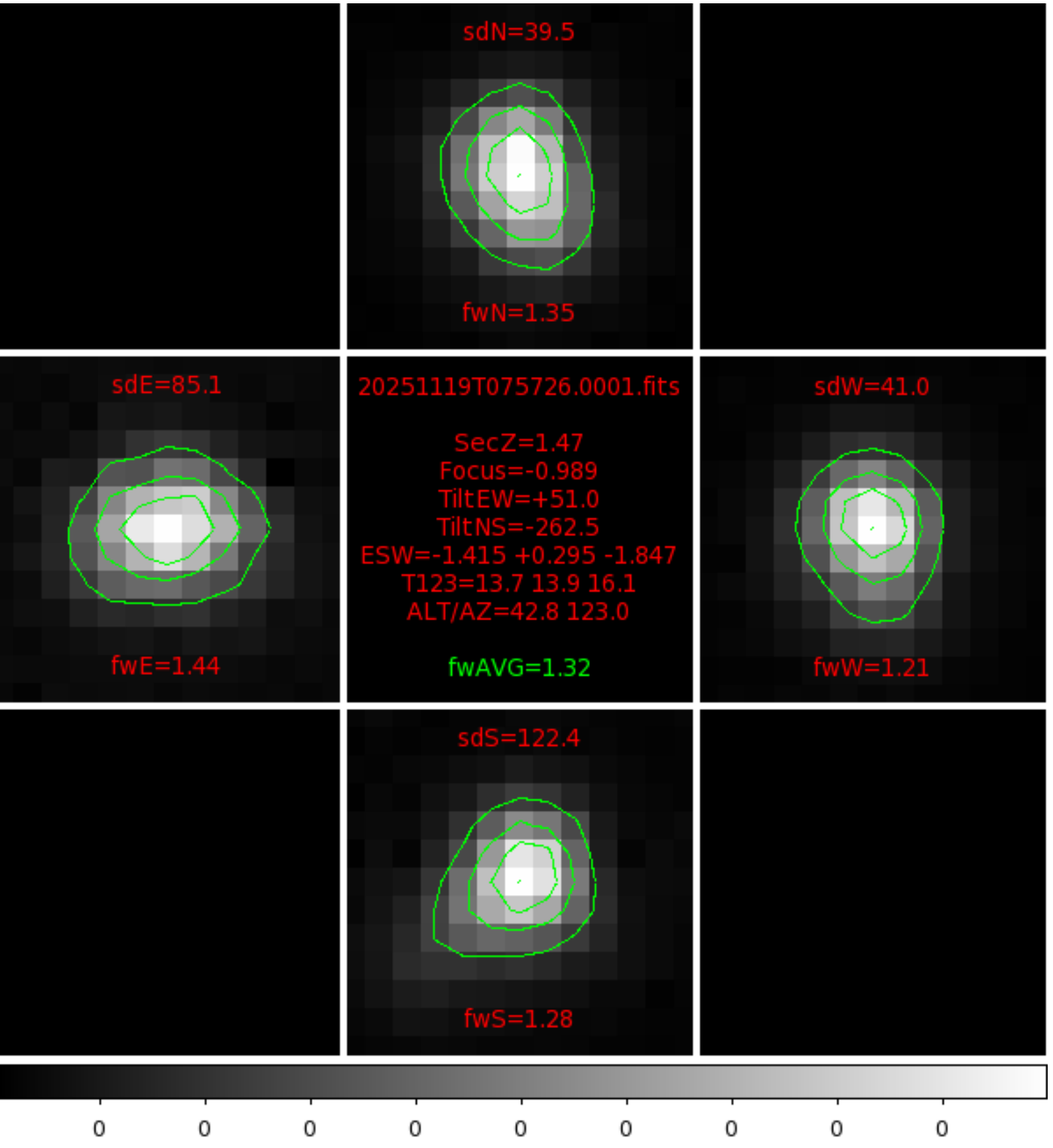
sdN=39.5
fwN=1.35
sdE=85.1
fwE=1.44
20251119T075726.0001.fits
SecZ=1.47
Focus=-0.989
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.415 +0.295 -1.847
T123=13.7 13.9 16.1
ALT/AZ=42.8 123.0
fwAVG=1.32
sdW=41.0
fwW=1.21
sdS=122.4
fwS=1.28
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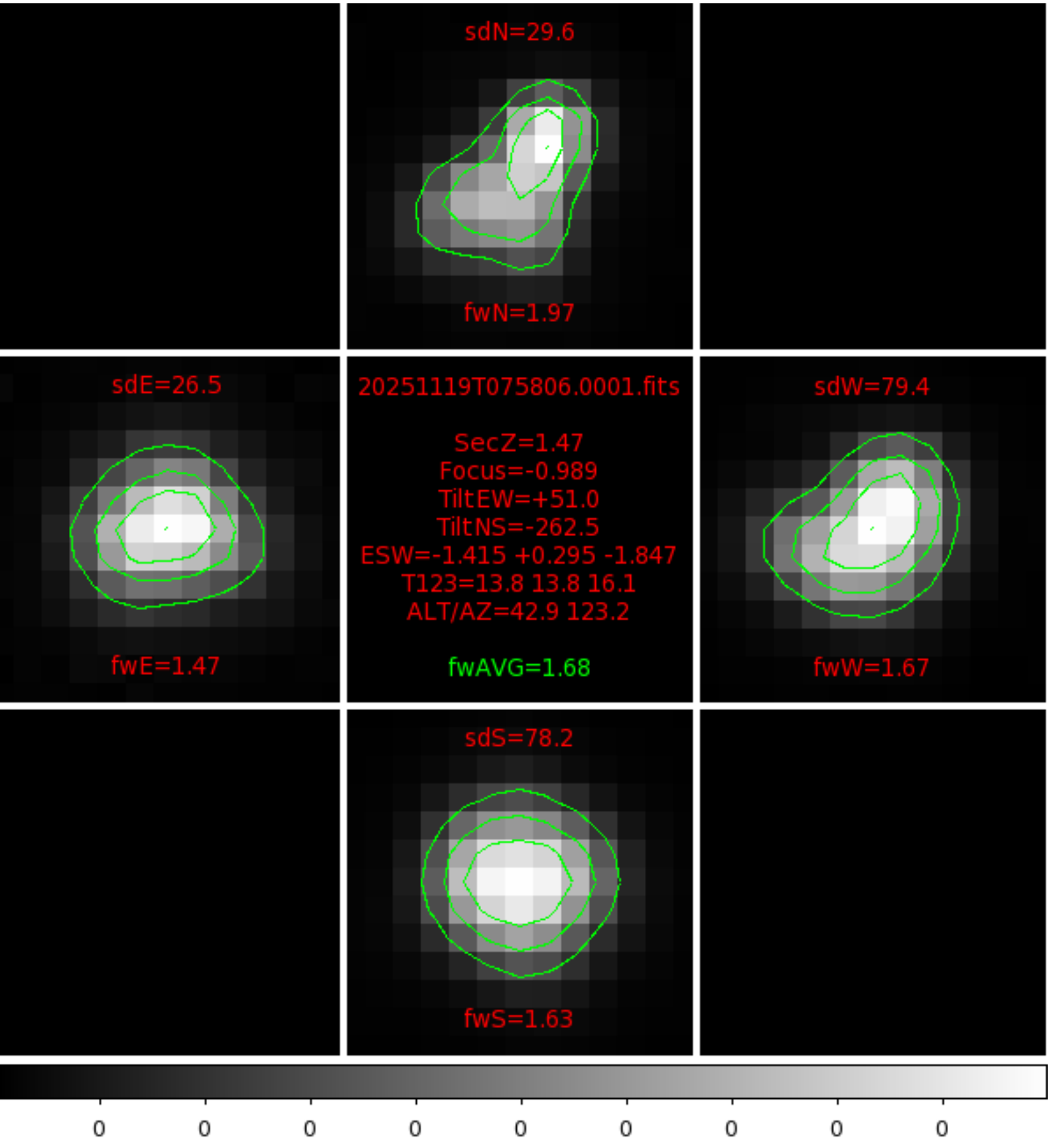
sdN=29.6
fwN=1.97
sdE=26.5
fwE=1.47
20251119T075806.0001.fits
SecZ=1.47
Focus=-0.989
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.415 +0.295 -1.847
T123=13.8 13.8 16.1
ALT/AZ=42.9 123.2
fwAVG=1.68
sdW=79.4
fwW=1.67
sdS=78.2
fwS=1.63
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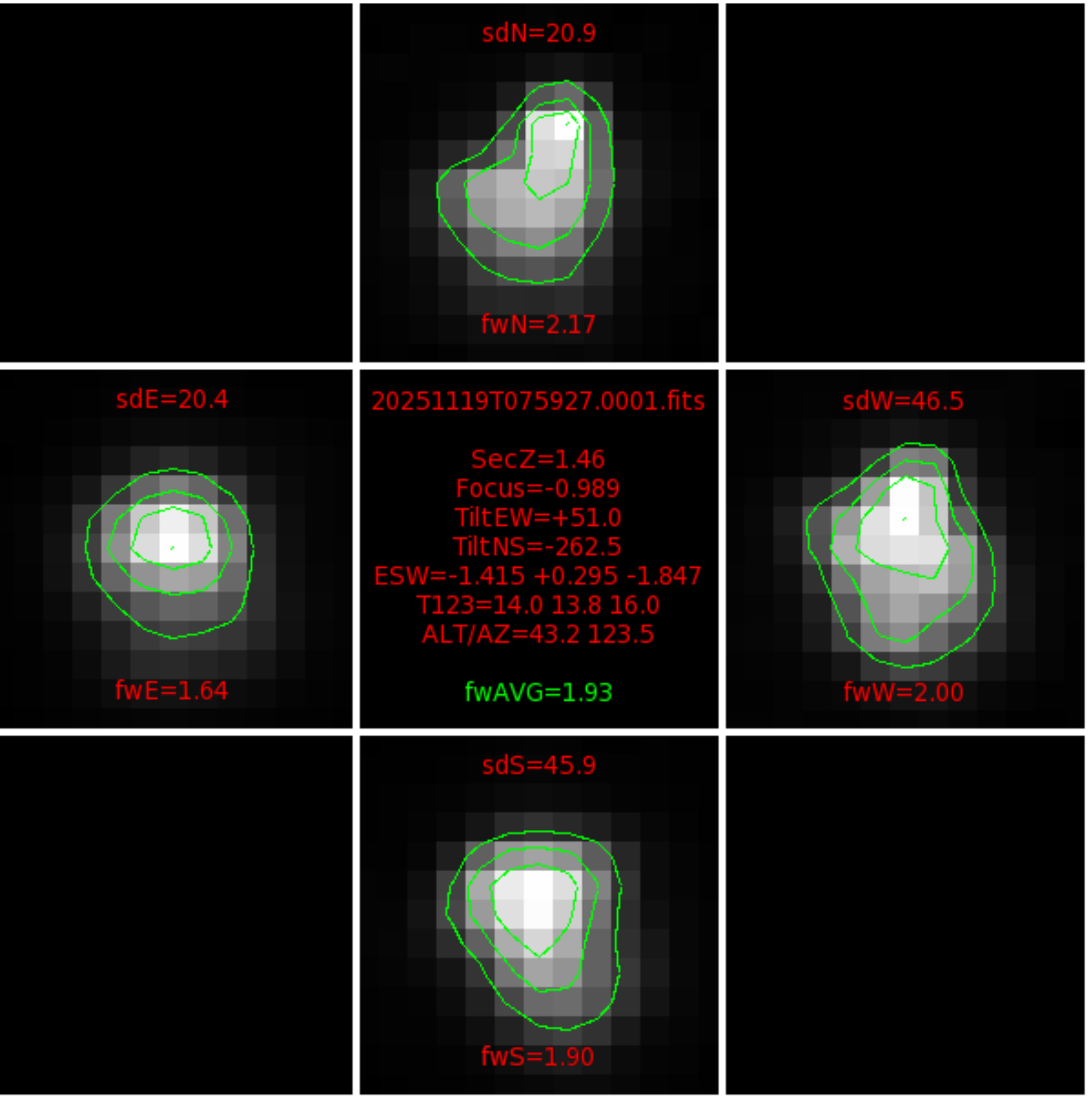
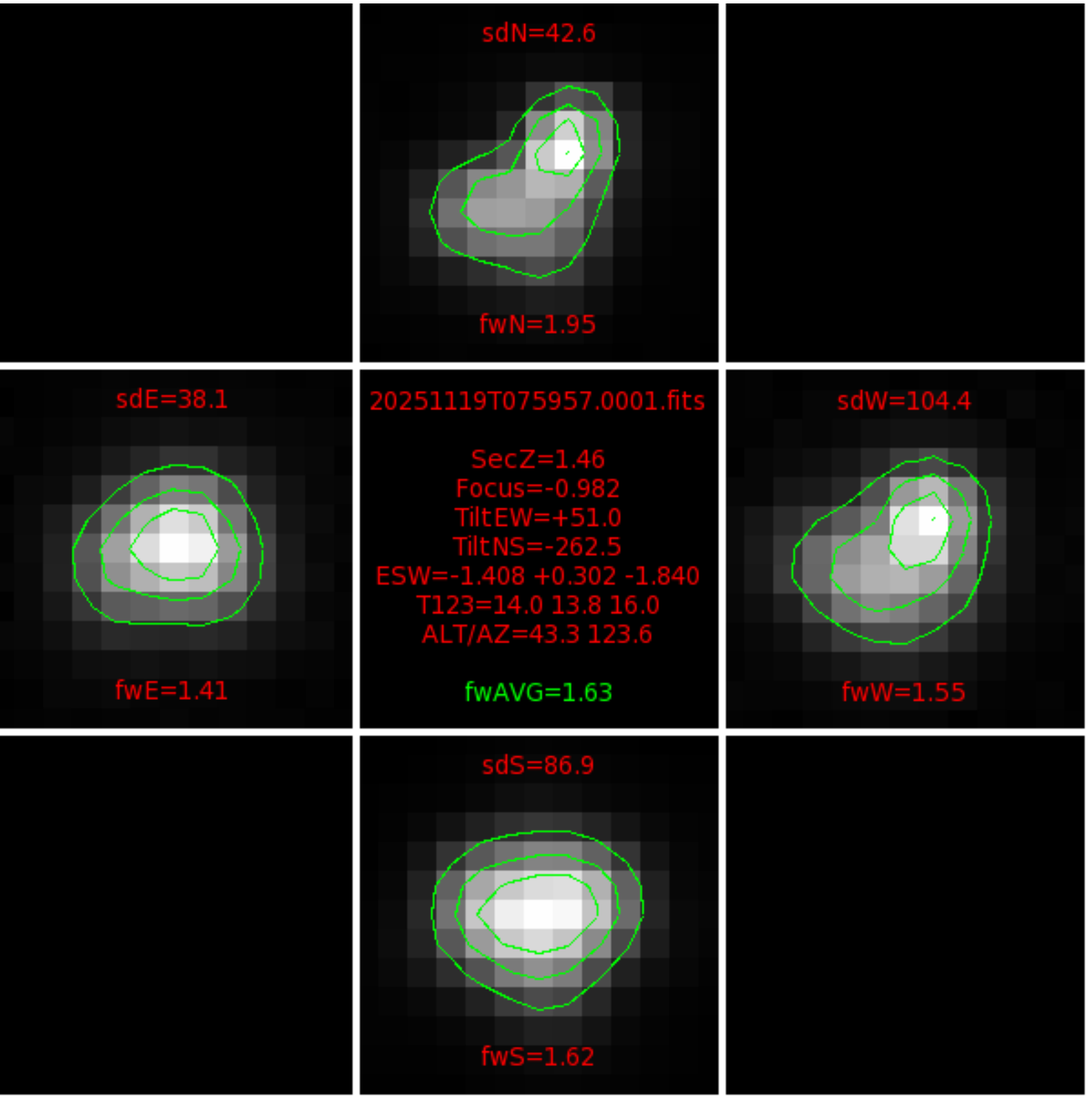

sdN=20.9
fwN=2.17
sdE=20.4
fwE=1.64
20251119T075927.0001.fits
SecZ=1.46
Focus=-0.989
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.415 +0.295 -1.847
T123=14.0 13.8 16.0
ALT/AZ=43.2 123.5
fwAVG=1.93
sdW=46.5
fwW=2.00
sdS=45.9
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=42.6
fwN=1.95
sdE=38.1
fwE=1.41
20251119T075957.0001.fits
SecZ=1.46
Focus=-0.982
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.408 +0.302 -1.840
T123=14.0 13.8 16.0
ALT/AZ=43.3 123.6
fwAVG=1.63
sdW=104.4
fwW=1.55
sdS=86.9
fwS=1.62
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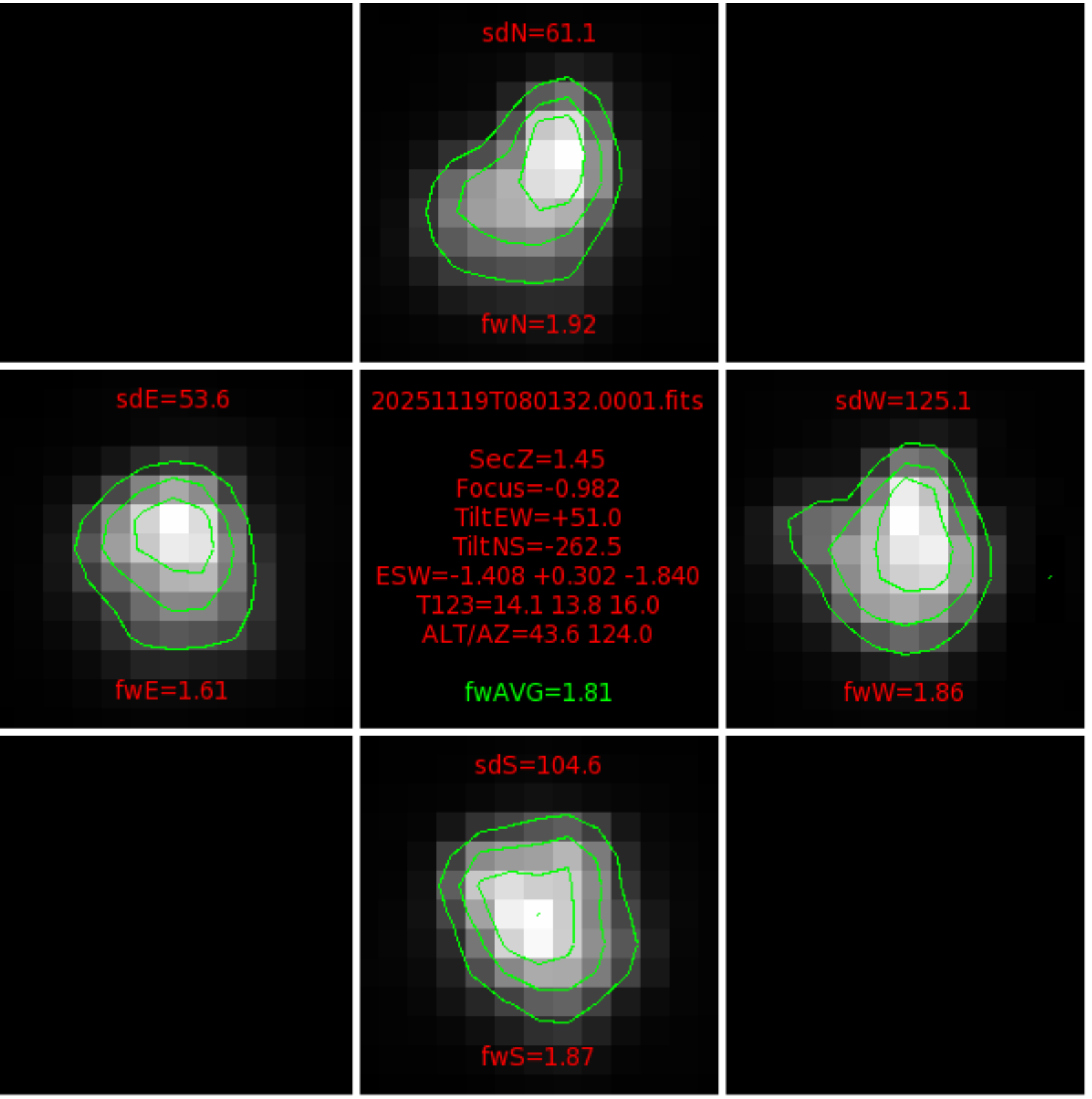
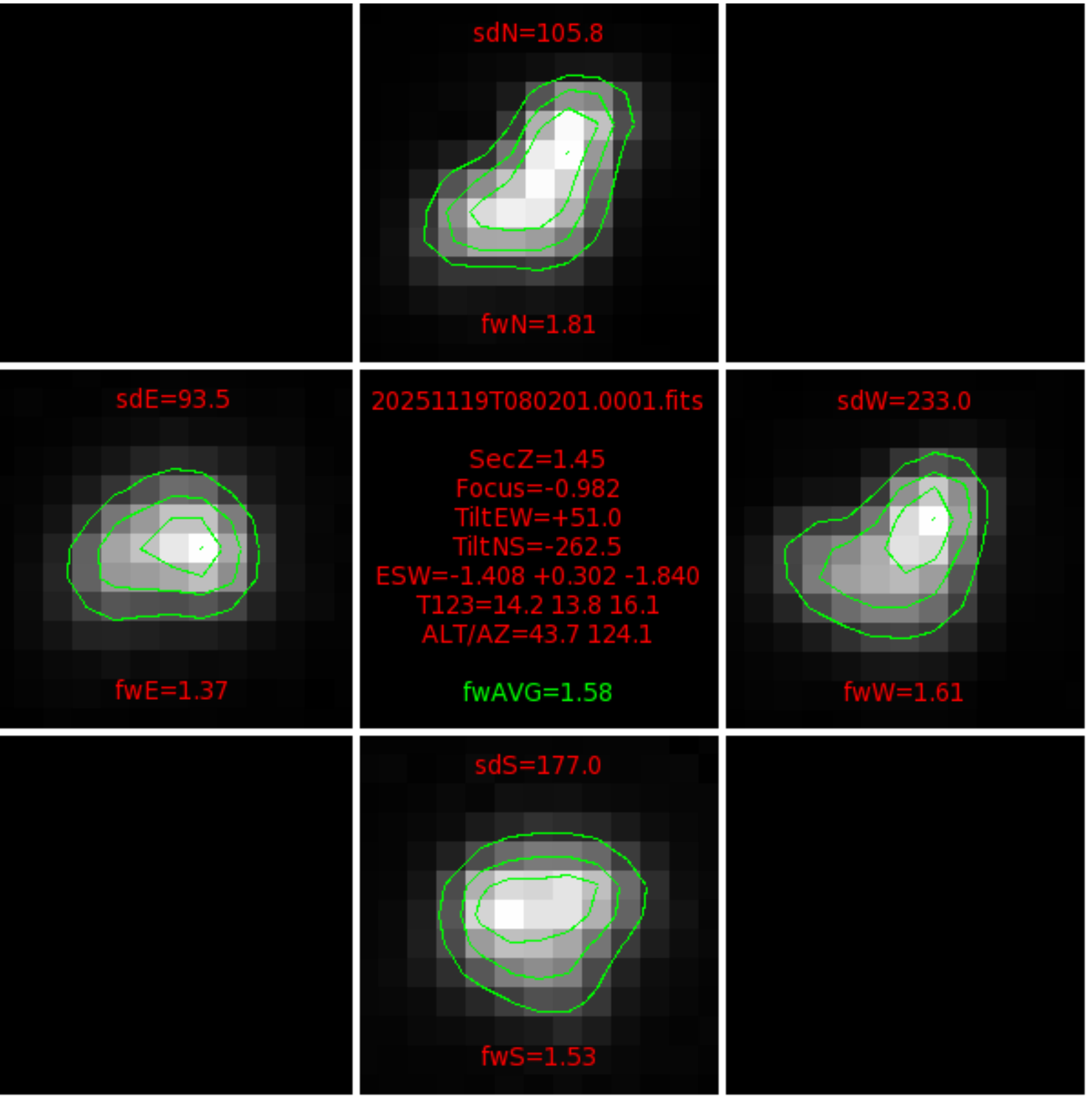

sdN=61.1
fwN=1.92
sdE=53.6
fwE=1.61
20251119T080132.0001.fits
SecZ=1.45
Focus=-0.982
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.408 +0.302 -1.840
T123=14.1 13.8 16.0
ALT/AZ=43.6 124.0
fwAVG=1.81
sdW=125.1
fwW=1.86
sdS=104.6
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=105.8
fwN=1.81
sdE=93.5
fwE=1.37
20251119T080201.0001.fits
SecZ=1.45
Focus=-0.982
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.408 +0.302 -1.840
T123=14.2 13.8 16.1
ALT/AZ=43.7 124.1
fwAVG=1.58
sdW=233.0
fwW=1.61
sdS=177.0
fwS=1.53
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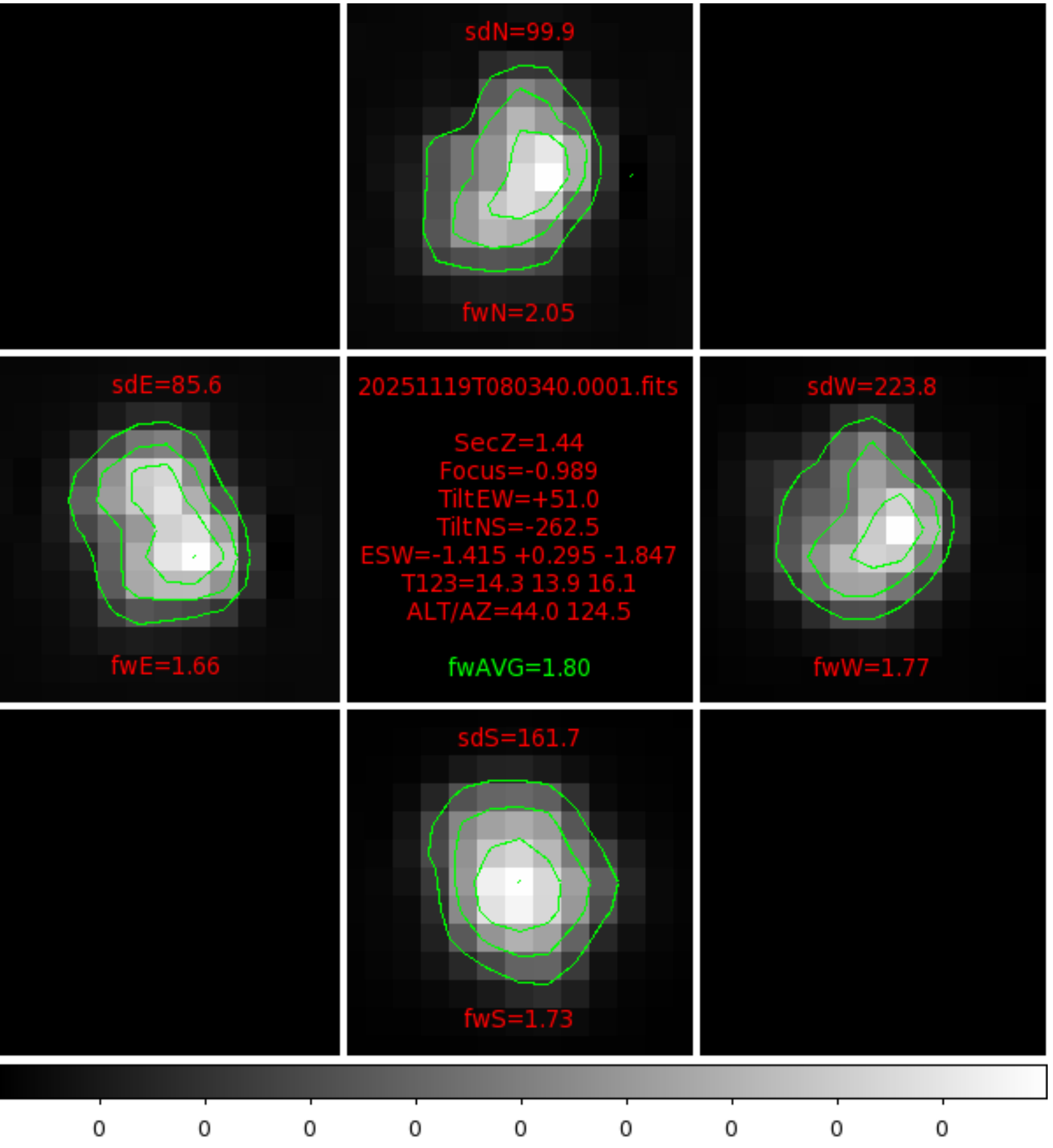
sdN=99.9
fwN=2.05
sdE=85.6
fwE=1.66
20251119T080340.0001.fits
SecZ=1.44
Focus=-0.989
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.415 +0.295 -1.847
T123=14.3 13.9 16.1
ALT/AZ=44.0 124.5
fwAVG=1.80
sdW=223.8
fwW=1.77
sdS=161.7
fwS=1.73
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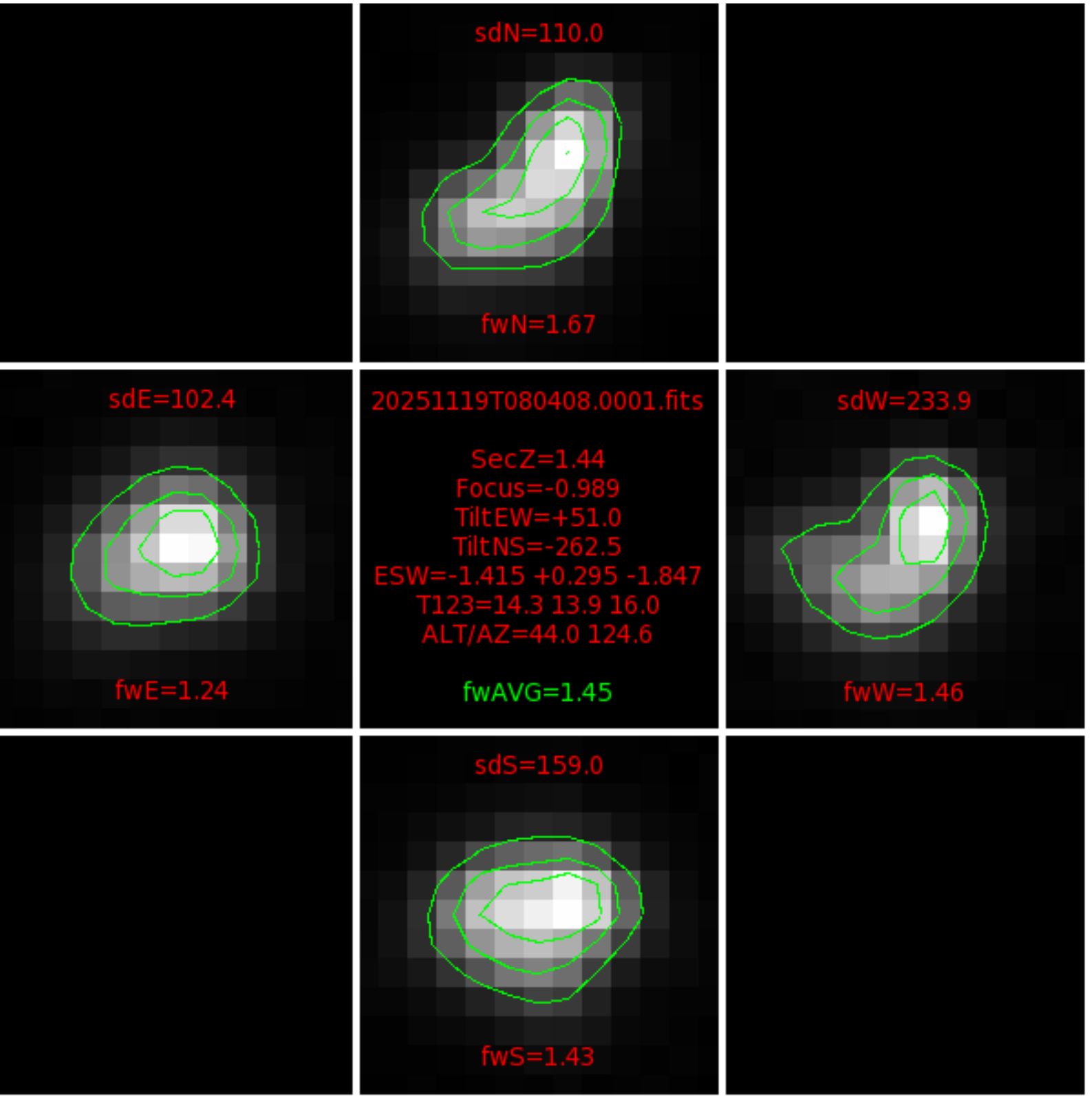
sdN=110.0
fwN=1.67
sdE=102.4
fwE=1.24
20251119T080408.0001.fits
SecZ=1.44
Focus=-0.989
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.415 +0.295 -1.847
T123=14.3 13.9 16.0
ALT/AZ=44.0 124.6
fwAVG=1.45
sdW=233.9
fwW=1.46
sdS=159.0
fwS=1.43
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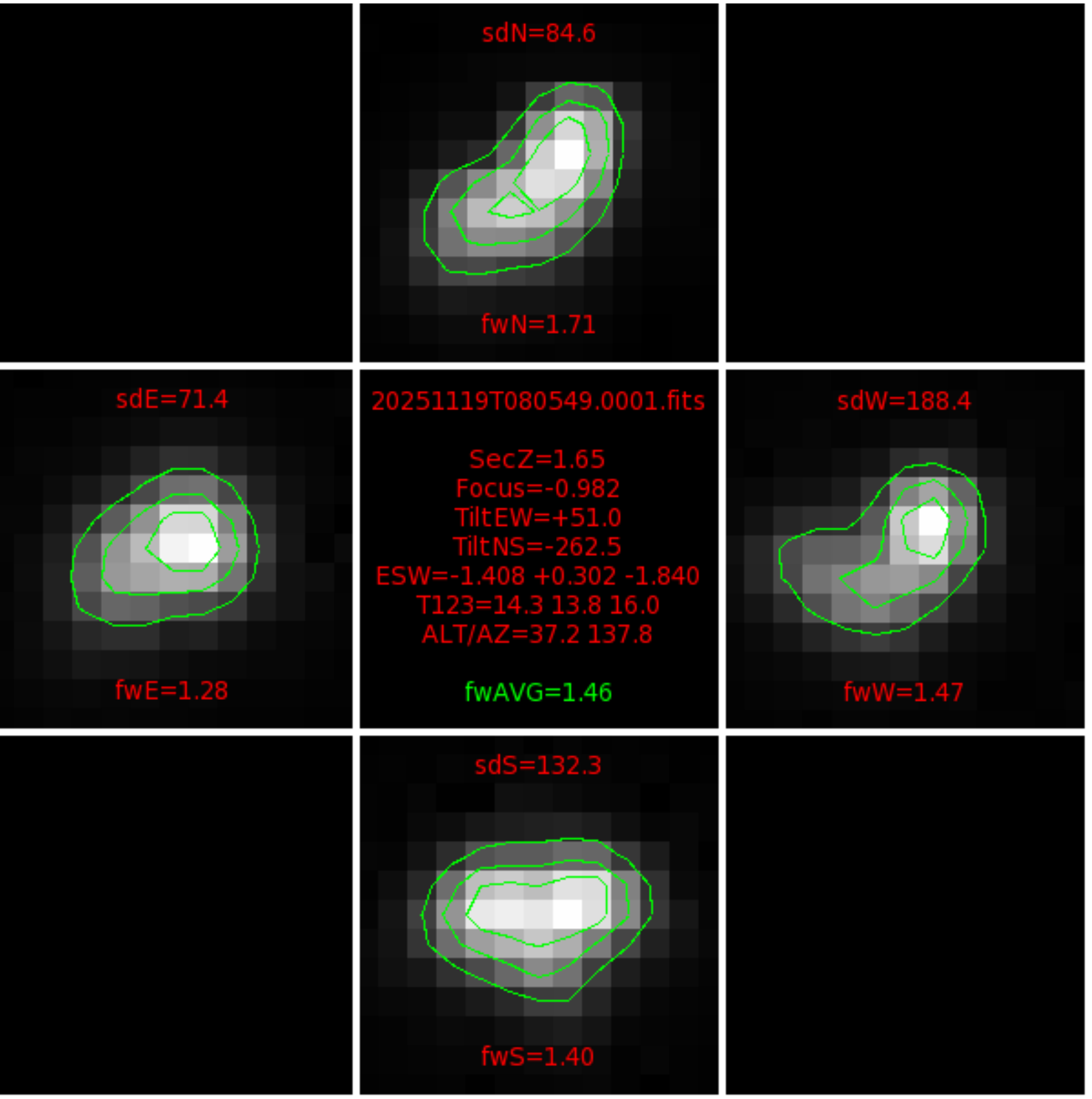
sdN=84.6
fwN=1.71
sdE=71.4
fwE=1.28
20251119T080549.0001.fits
SecZ=1.65
Focus=-0.982
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.408 +0.302 -1.840
T123=14.3 13.8 16.0
ALT/AZ=37.2 137.8
fwAVG=1.46
sdW=188.4
fwW=1.47
sdS=132.3
fwS=1.40
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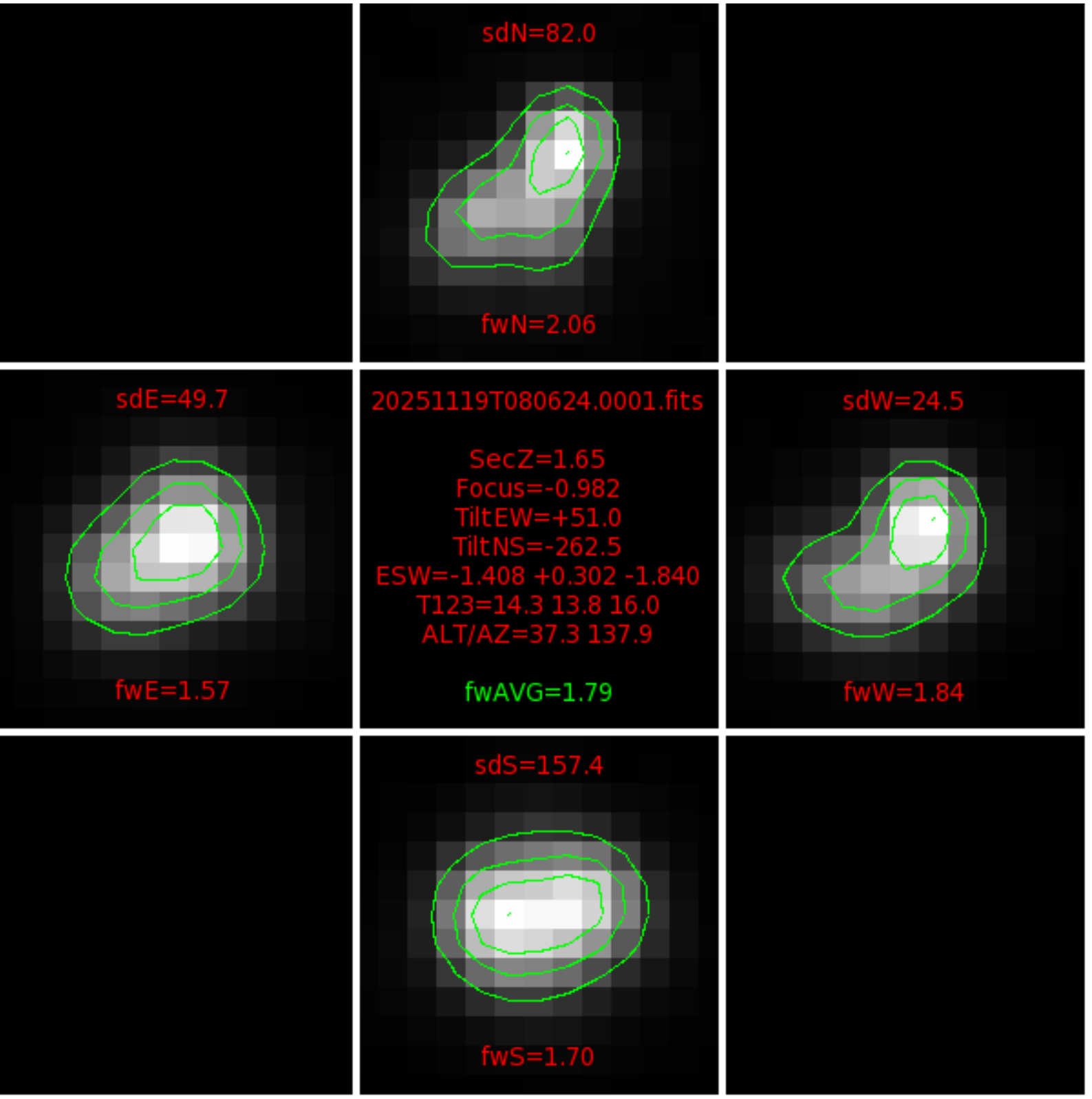
sdN=82.0
fwN=2.06
sdE=49.7
fwE=1.57
20251119T080624.0001.fits
SecZ=1.65
Focus=-0.982
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.408 +0.302 -1.840
T123=14.3 13.8 16.0
ALT/AZ=37.3 137.9
fwAVG=1.79
sdW=24.5
fwW=1.84
sdS=157.4
fwS=1.70
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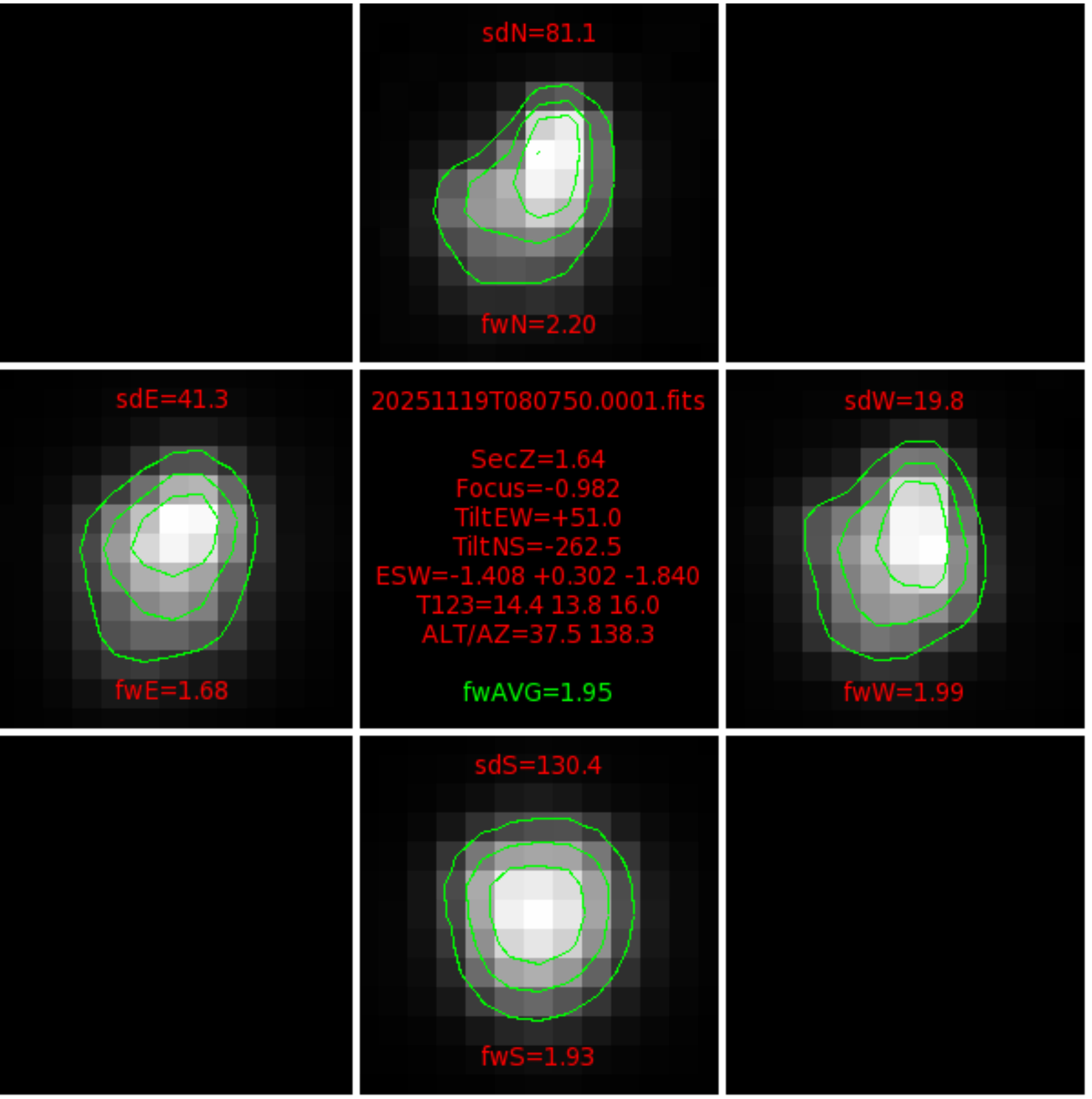
sdN=81.1
fwN=2.20
sdE=41.3
fwE=1.68
20251119T080750.0001.fits
SecZ=1.64
Focus=-0.982
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.408 +0.302 -1.840
T123=14.4 13.8 16.0
ALT/AZ=37.5 138.3
fwAVG=1.95
sdW=19.8
fwW=1.99
sdS=130.4
fwS=1.93
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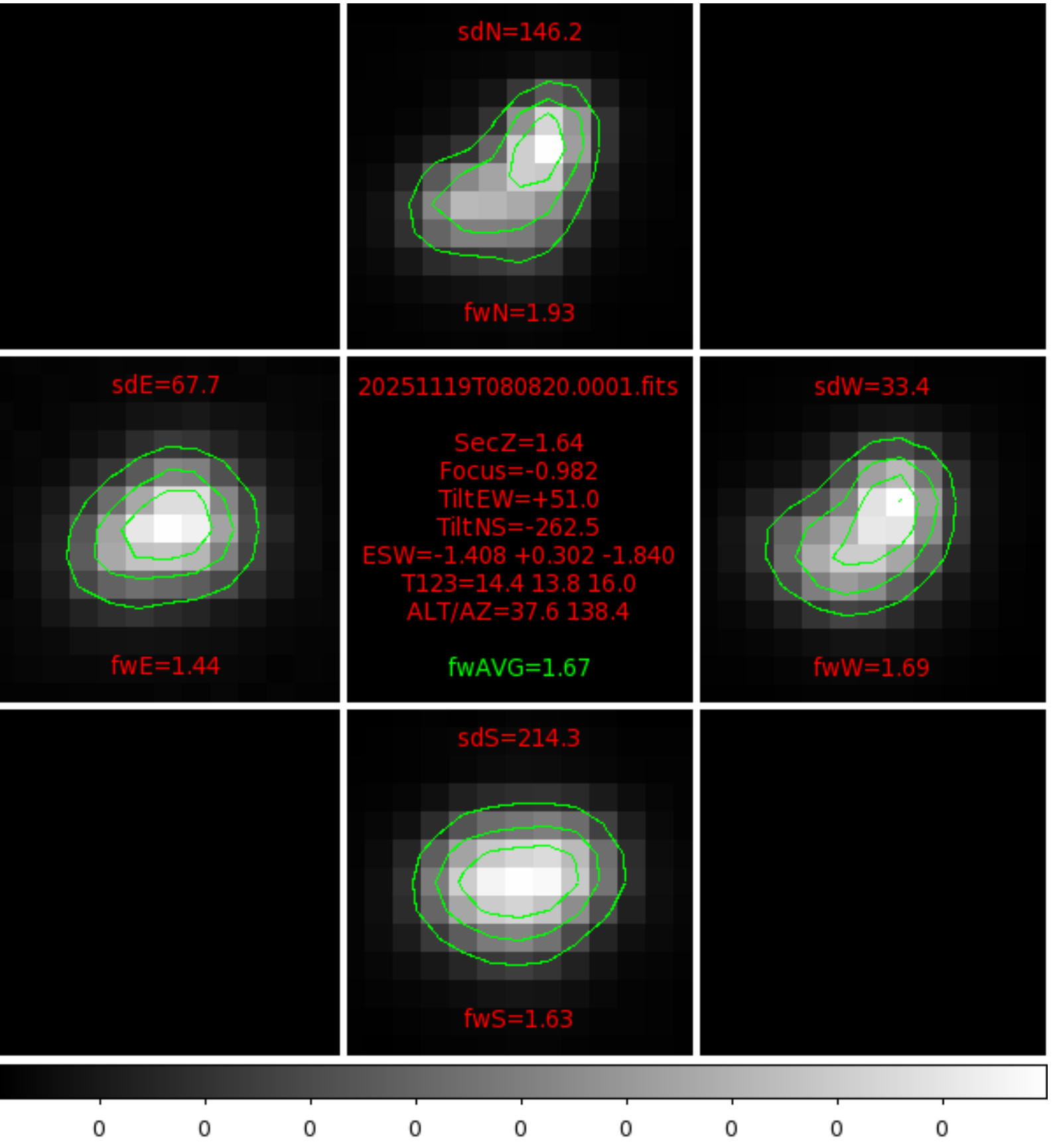
sdN=146.2
fwN=1.93
sdE=67.7
fwE=1.44
20251119T080820.0001.fits
SecZ=1.64
Focus=-0.982
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.408 +0.302 -1.840
T123=14.4 13.8 16.0
ALT/AZ=37.6 138.4
fwAVG=1.67
sdW=33.4
fwW=1.69
sdS=214.3
fwS=1.63
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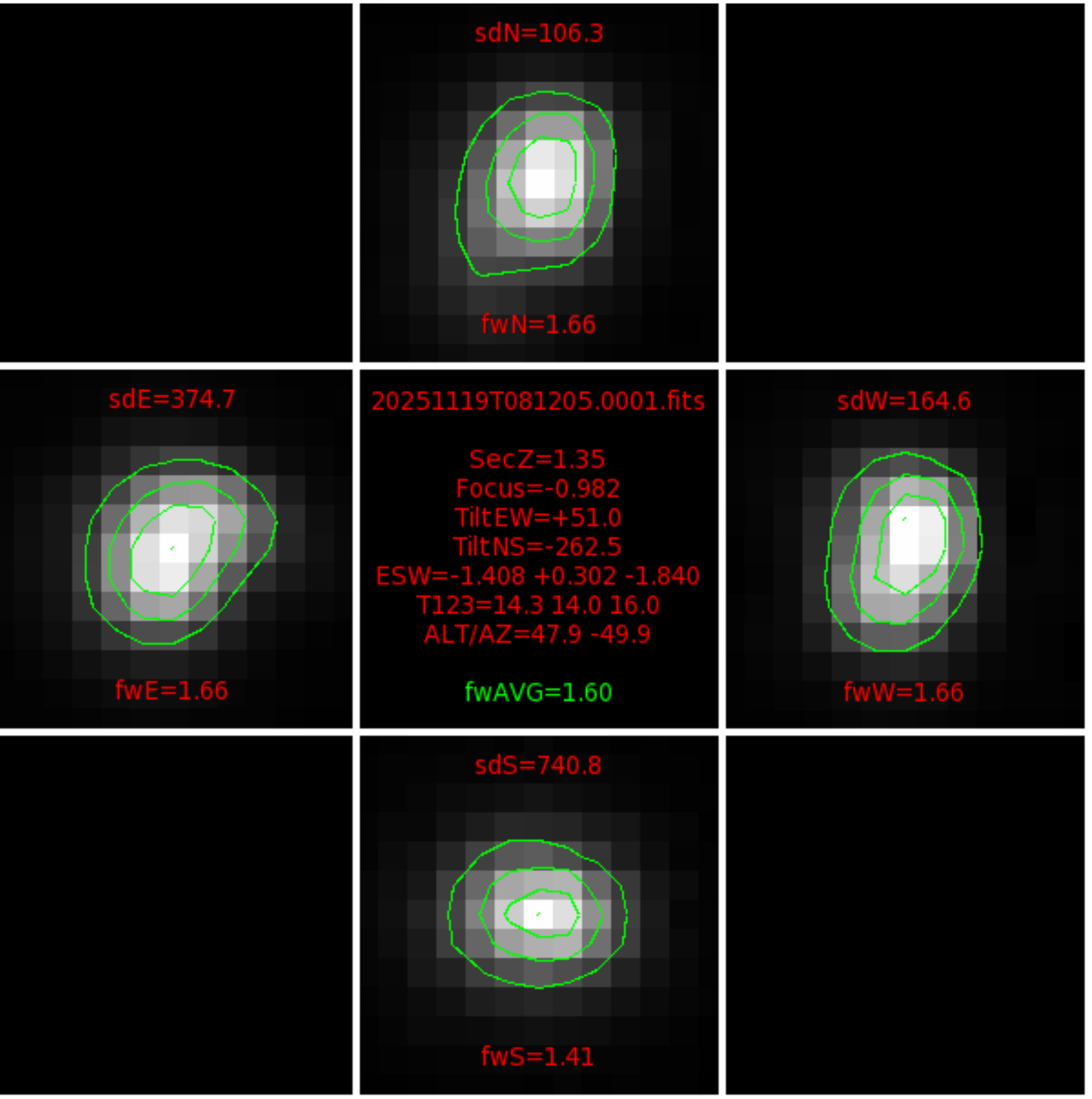
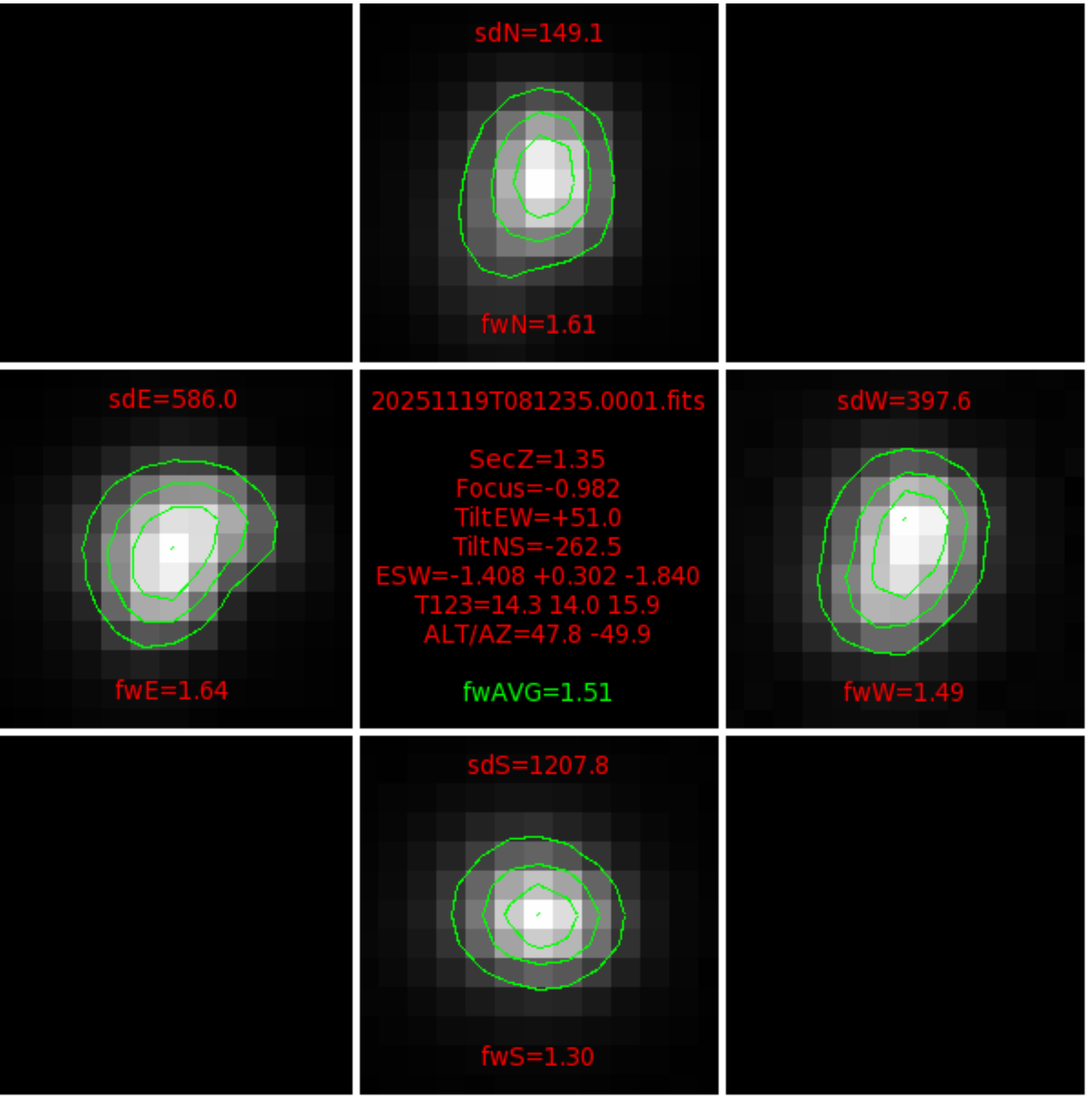
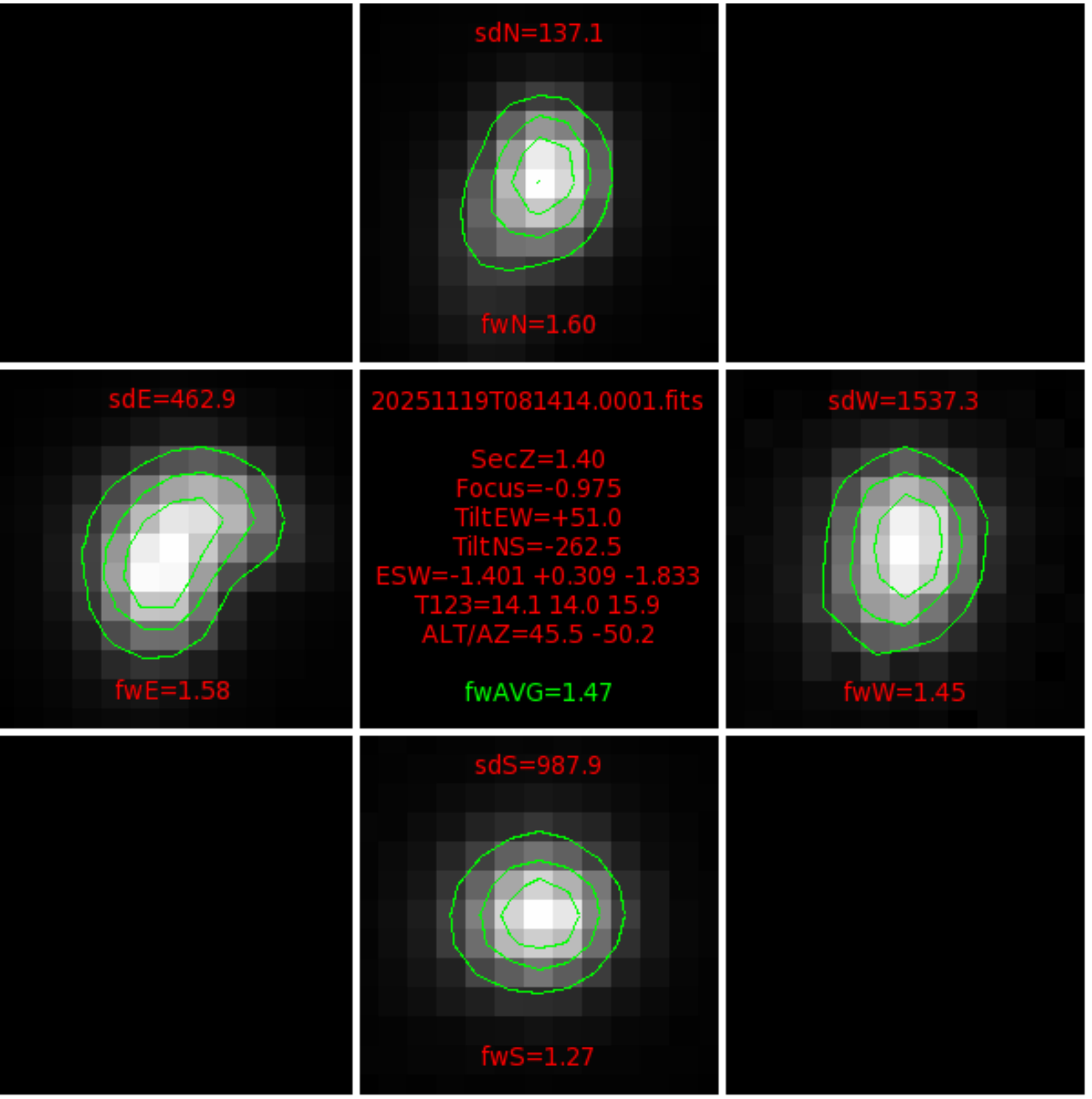
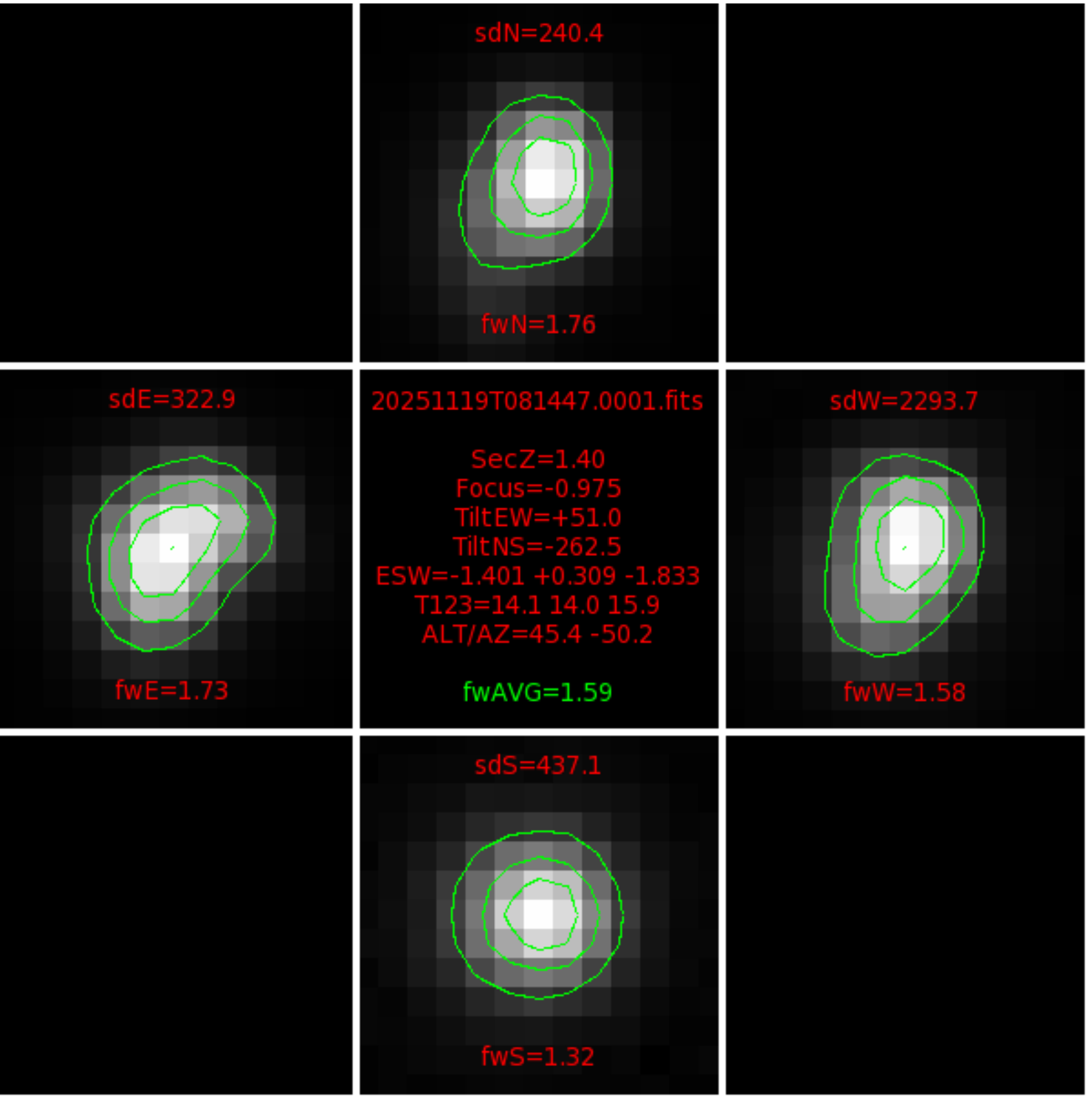

sdN=106.3
fwN=1.66
sdE=374.7
fwE=1.66
20251119T081205.0001.fits
SecZ=1.35
Focus=-0.982
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.408 +0.302 -1.840
T123=14.3 14.0 16.0
ALT/AZ=47.9 -49.9
fwAVG=1.60
sdW=164.6
fwW=1.66
sdS=740.8
fwS=1.41
0 0 0 0 0 0 0 0 0


sdN=149.1
fwN=1.61
sdE=586.0
fwE=1.64
20251119T081235.0001.fits
SecZ=1.35
Focus=-0.982
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.408 +0.302 -1.840
T123=14.3 14.0 15.9
ALT/AZ=47.8 -49.9
fwAVG=1.51
sdW=397.6
fwW=1.49
sdS=1207.8
fwS=1.30
0 0 0 0 0 0 0 0 0


sdN=137.1
fwN=1.60
sdE=462.9
fwE=1.58
20251119T081414.0001.fits
SecZ=1.40
Focus=-0.975
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.401 +0.309 -1.833
T123=14.1 14.0 15.9
ALT/AZ=45.5 -50.2
fwAVG=1.47
sdW=1537.3
fwW=1.45
sdS=987.9
fwS=1.27
0 0 0 0 0 0 0 0 0


sdN=240.4
fwN=1.76
sdE=322.9
fwE=1.73
20251119T081447.0001.fits
SecZ=1.40
Focus=-0.975
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.401 +0.309 -1.833
T123=14.1 14.0 15.9
ALT/AZ=45.4 -50.2
fwAVG=1.59
sdW=2293.7
fwW=1.58
sdS=437.1
fwS=1.32
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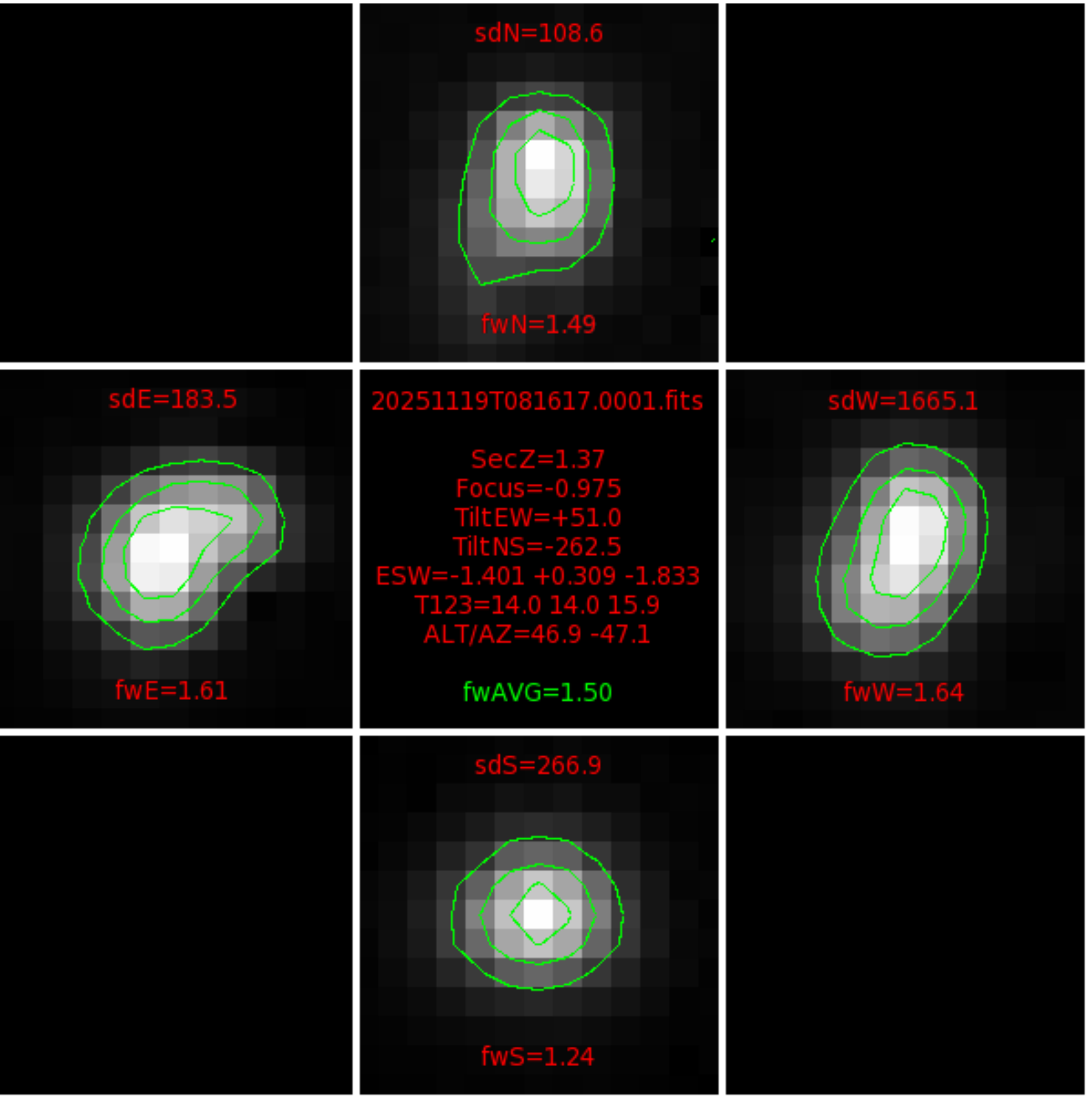
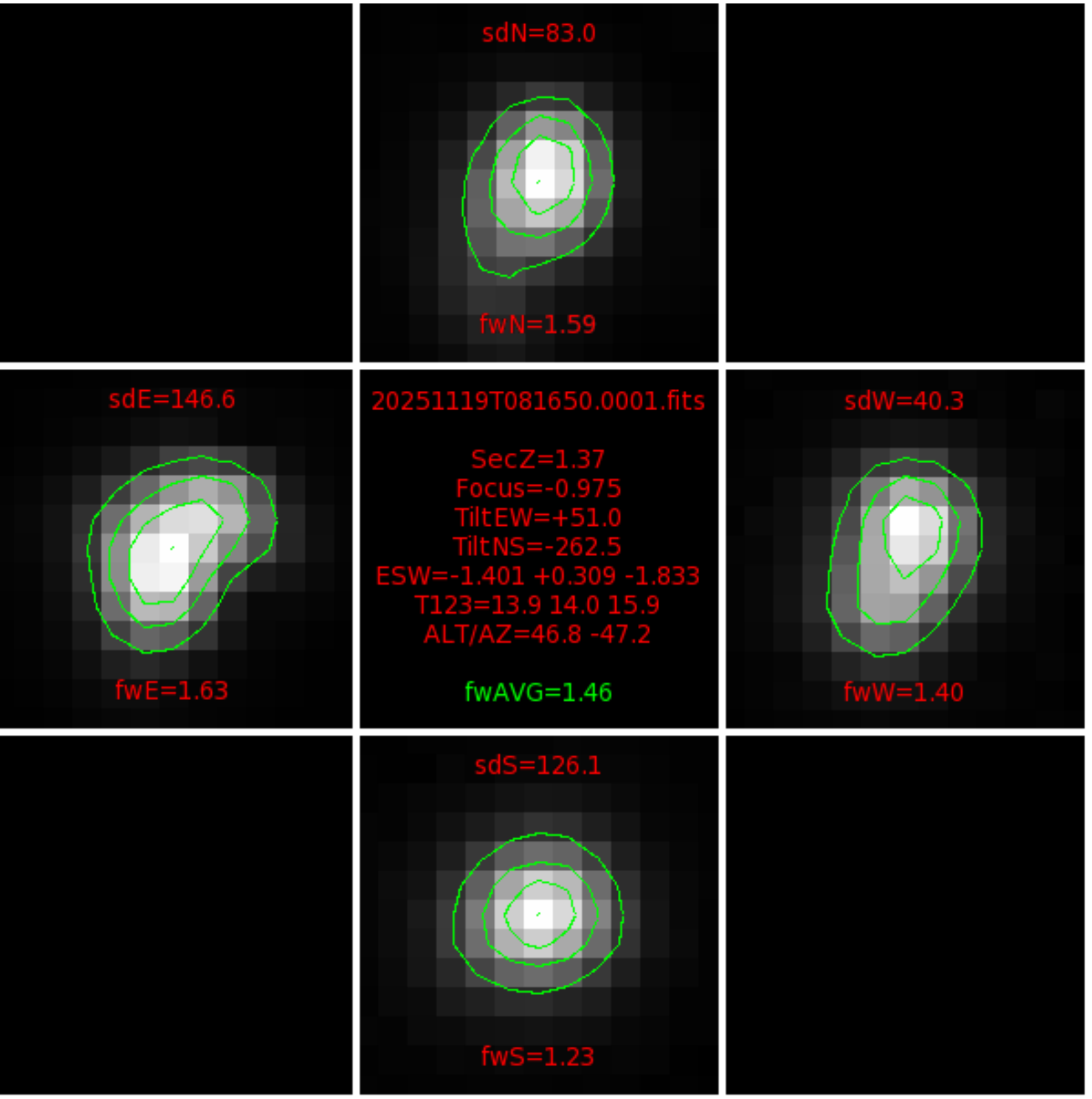
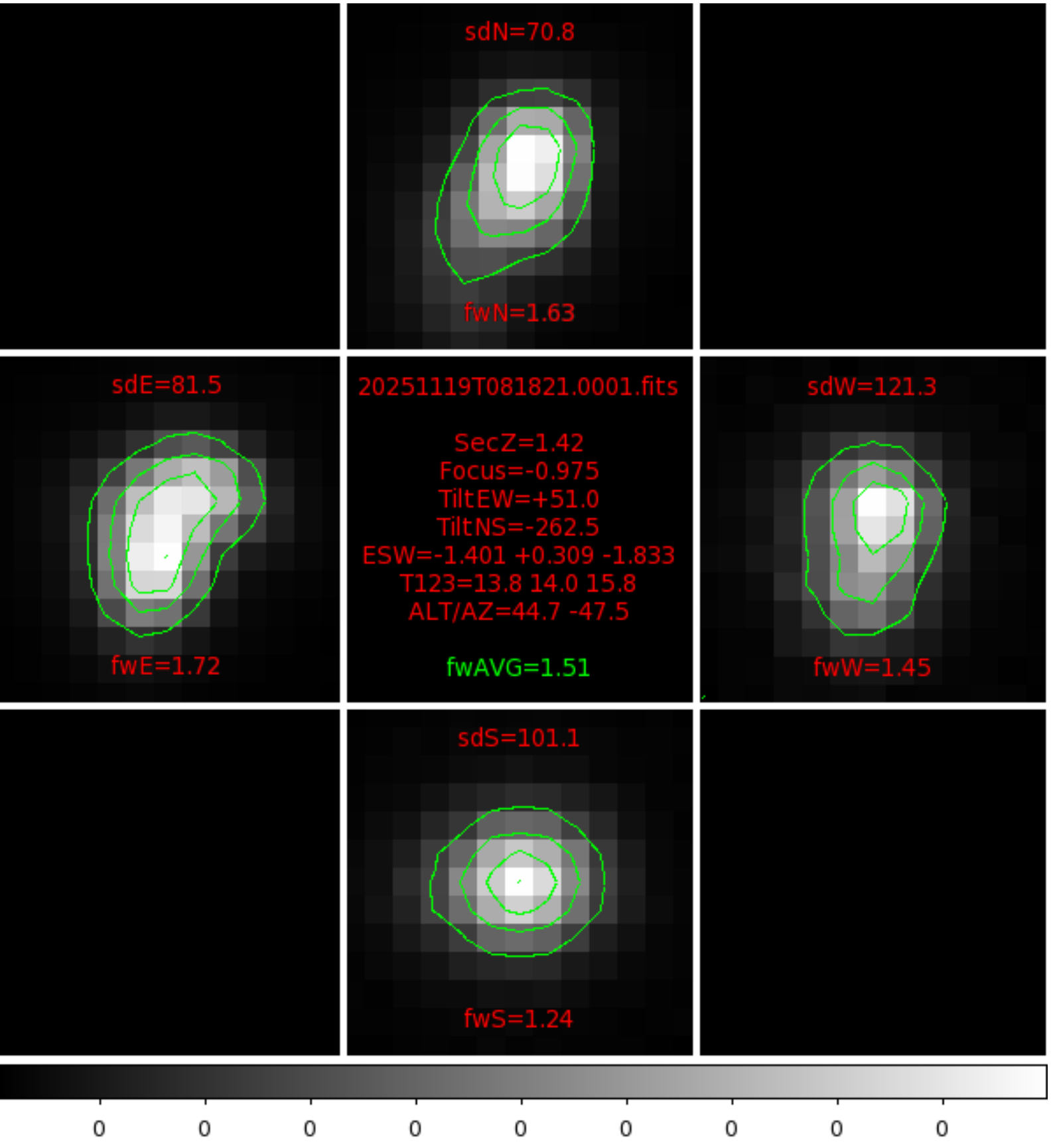
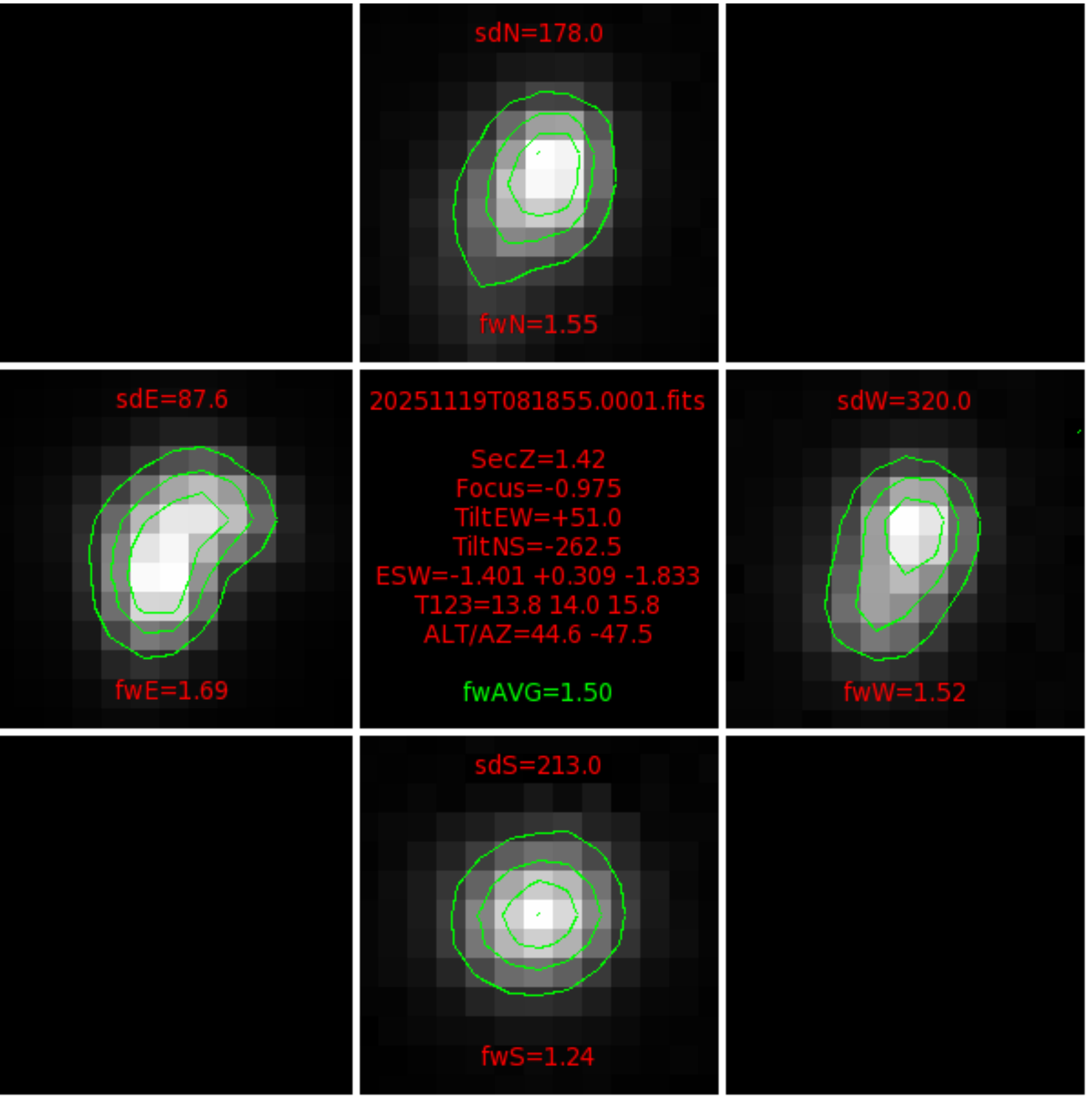
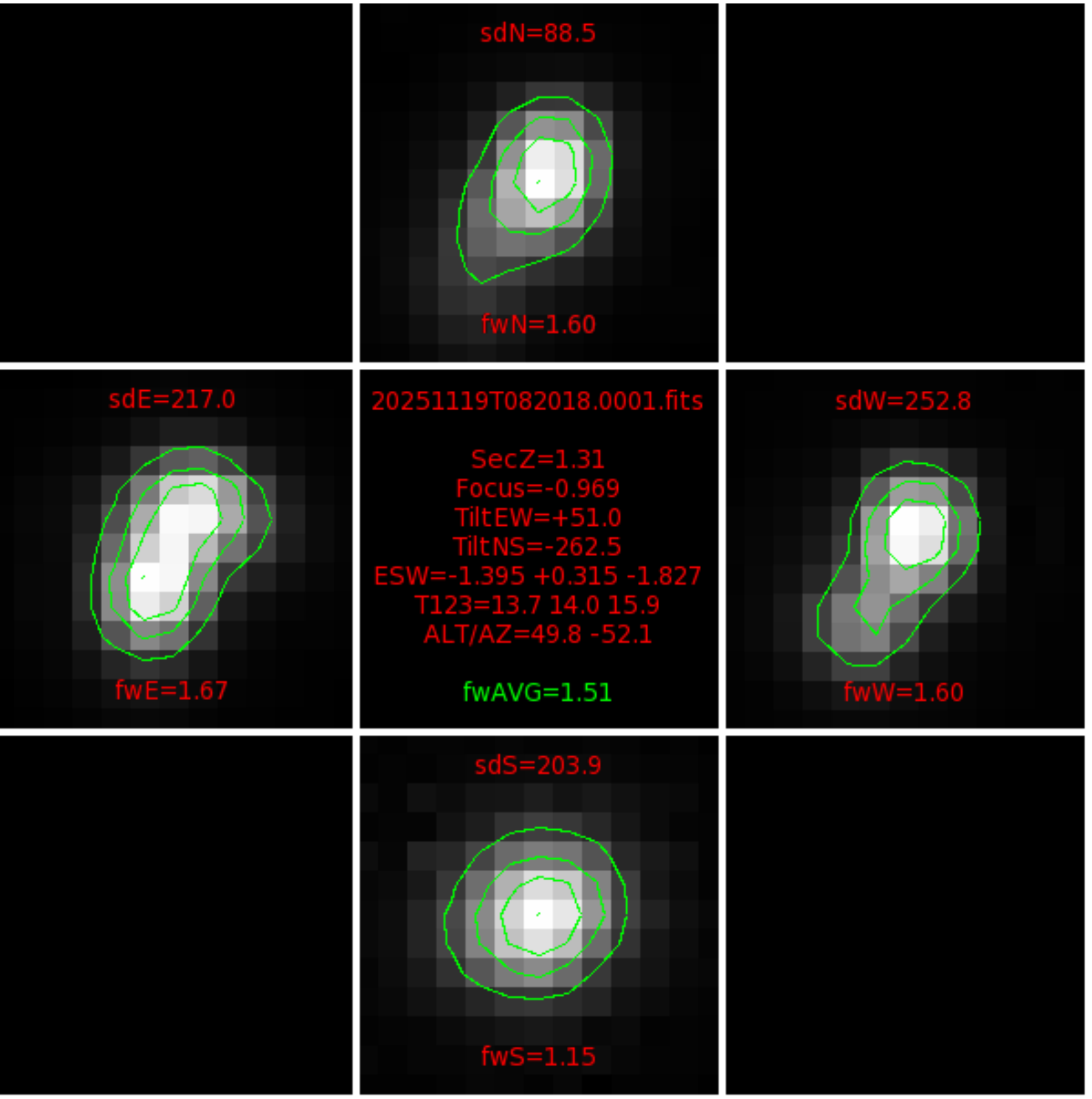
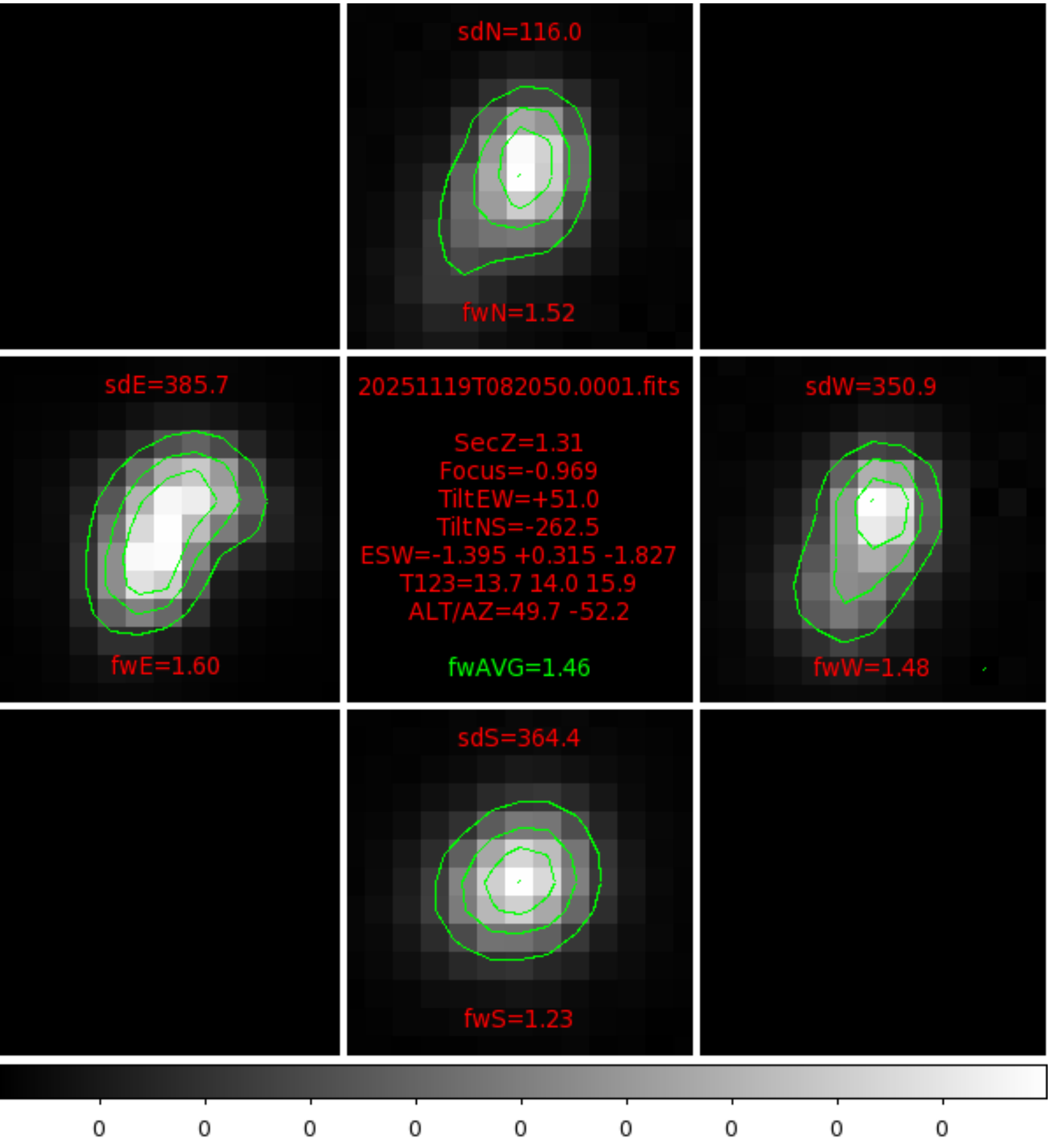

sdN=108.6
fwN=1.49
sdE=183.5
fwE=1.61
20251119T081617.0001.fits
SecZ=1.37
Focus=-0.975
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.401 +0.309 -1.833
T123=14.0 14.0 15.9
ALT/AZ=46.9 -47.1
fwAVG=1.50
sdW=1665.1
fwW=1.64
sdS=266.9
fwS=1.24
0 0 0 0 0 0 0 0 0

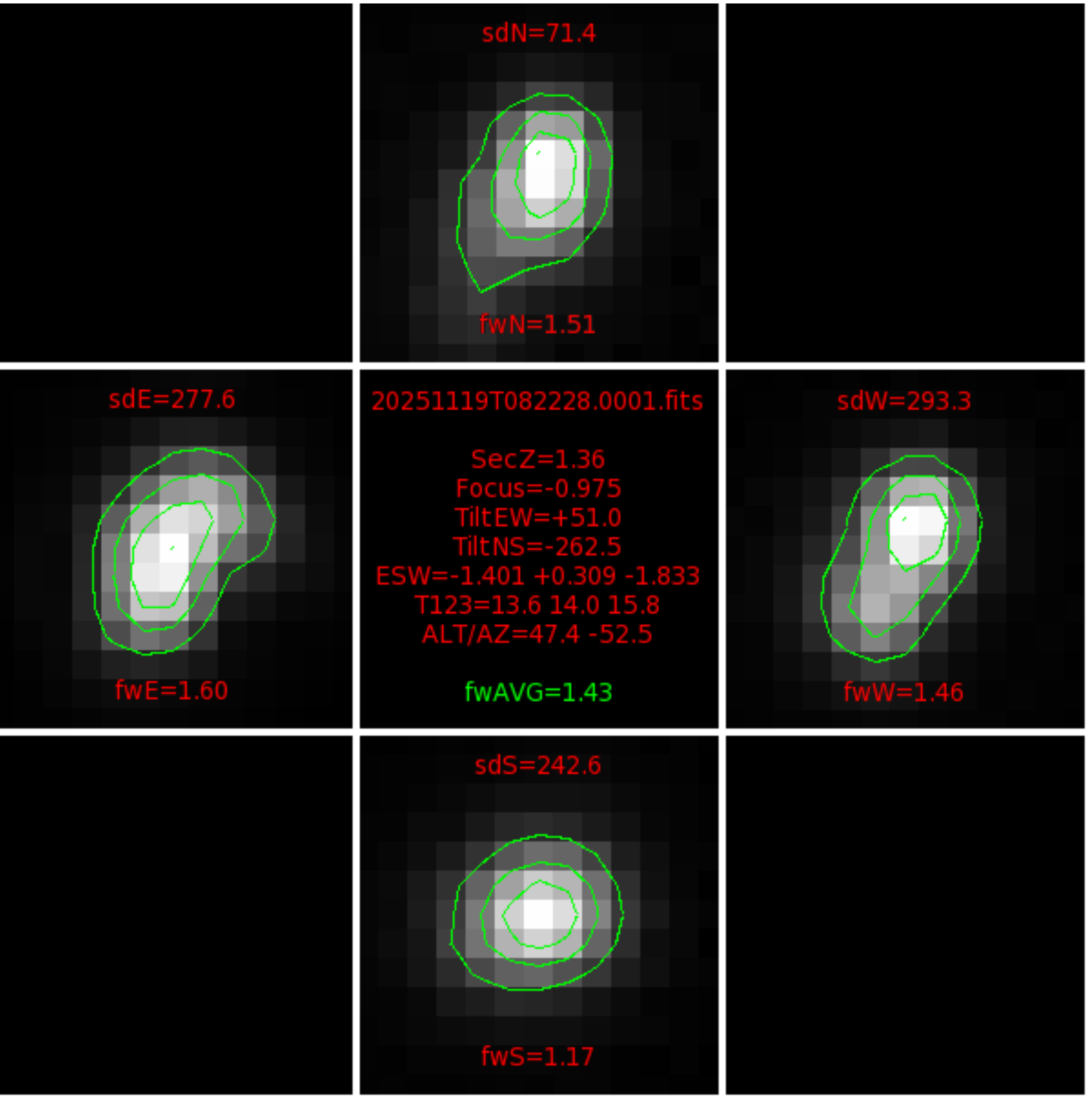

sdN=83.0
fwN=1.59
sdE=146.6
fwE=1.63
20251119T081650.0001.fits
SecZ=1.37
Focus=-0.975
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.401 +0.309 -1.833
T123=13.9 14.0 15.9
ALT/AZ=46.8 -47.2
fwAVG=1.46
sdW=40.3
fwW=1.40
sdS=126.1
fwS=1.23
0 0 0 0 0 0 0 0 0


sdN=70.8
fwN=1.63
sdE=81.5
fwE=1.72
20251119T081821.0001.fits
SecZ=1.42
Focus=-0.975
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.401 +0.309 -1.833
T123=13.8 14.0 15.8
ALT/AZ=44.7 -47.5
fwAVG=1.51
sdW=121.3
fwW=1.45
sdS=101.1
fwS=1.24
0 0 0 0 0 0 0 0 0


sdN=178.0
fwN=1.55
sdE=87.6
fwE=1.69
20251119T081855.0001.fits
SecZ=1.42
Focus=-0.975
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.401 +0.309 -1.833
T123=13.8 14.0 15.8
ALT/AZ=44.6 -47.5
fwAVG=1.50
sdW=320.0
fwW=1.52
sdS=213.0
fwS=1.24
0 0 0 0 0 0 0 0 0


sdN=88.5
fwN=1.60
sdE=217.0
fwE=1.67
20251119T082018.0001.fits
SecZ=1.31
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.7 14.0 15.9
ALT/AZ=49.8 -52.1
fwAVG=1.51
sdW=252.8
fwW=1.60
sdS=203.9
fwS=1.15
0 0 0 0 0 0 0 0 0


sdN=116.0
fwN=1.52
sdE=385.7
fwE=1.60
20251119T082050.0001.fits
SecZ=1.31
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.7 14.0 15.9
ALT/AZ=49.7 -52.2
fwAVG=1.46
sdW=350.9
fwW=1.48
sdS=364.4
fwS=1.23
0 0 0 0 0 0 0 0 0


sdN=71.4
fwN=1.51
sdE=277.6
fwE=1.60
20251119T082228.0001.fits
SecZ=1.36
Focus=-0.975
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.401 +0.309 -1.833
T123=13.6 14.0 15.8
ALT/AZ=47.4 -52.5
fwAVG=1.43
sdW=293.3
fwW=1.46
sdS=242.6
fwS=1.17
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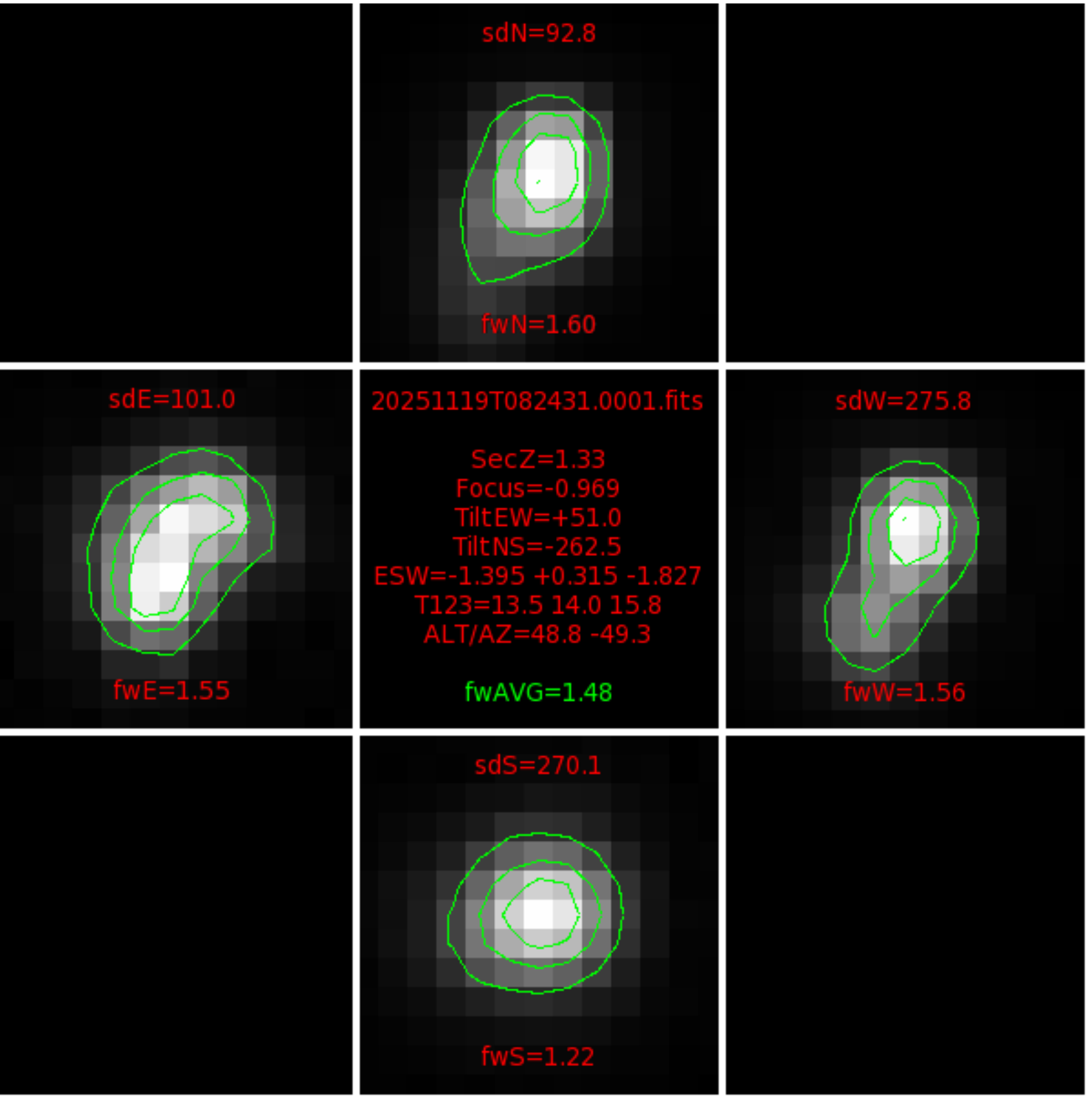
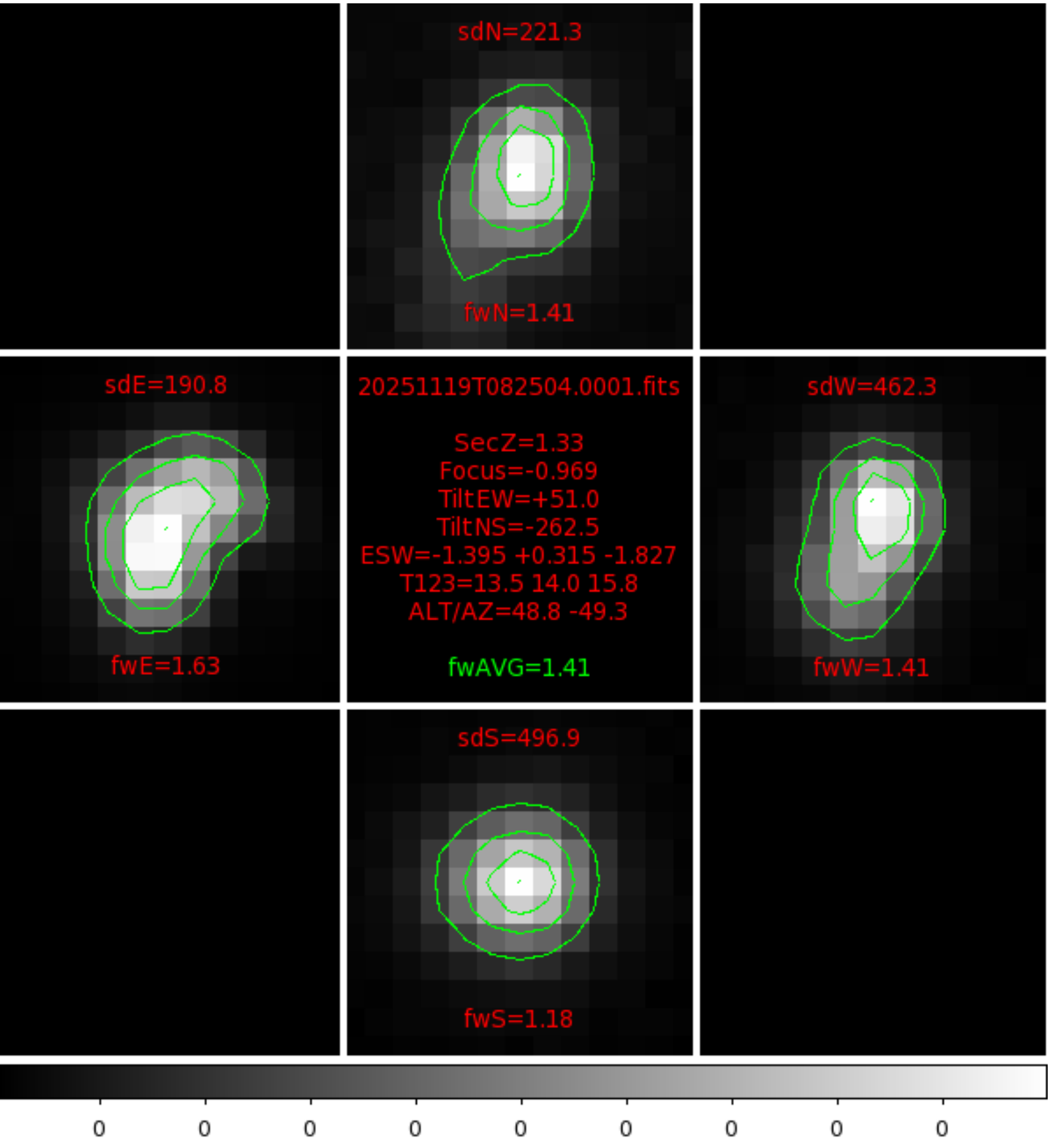

sdN=92.8
fwN=1.60
sdE=101.0
fwE=1.55
20251119T082431.0001.fits
SecZ=1.33
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.5 14.0 15.8
ALT/AZ=48.8 -49.3
fwAVG=1.48
sdW=275.8
fwW=1.56
sdS=270.1
fwS=1.22
0 0 0 0 0 0 0 0 0


sdN=221.3
fwN=1.41
sdE=190.8
fwE=1.63
20251119T082504.0001.fits
SecZ=1.33
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.5 14.0 15.8
ALT/AZ=48.8 -49.3
fwAVG=1.41
sdW=462.3
fwW=1.41
sdS=496.9
fwS=1.18
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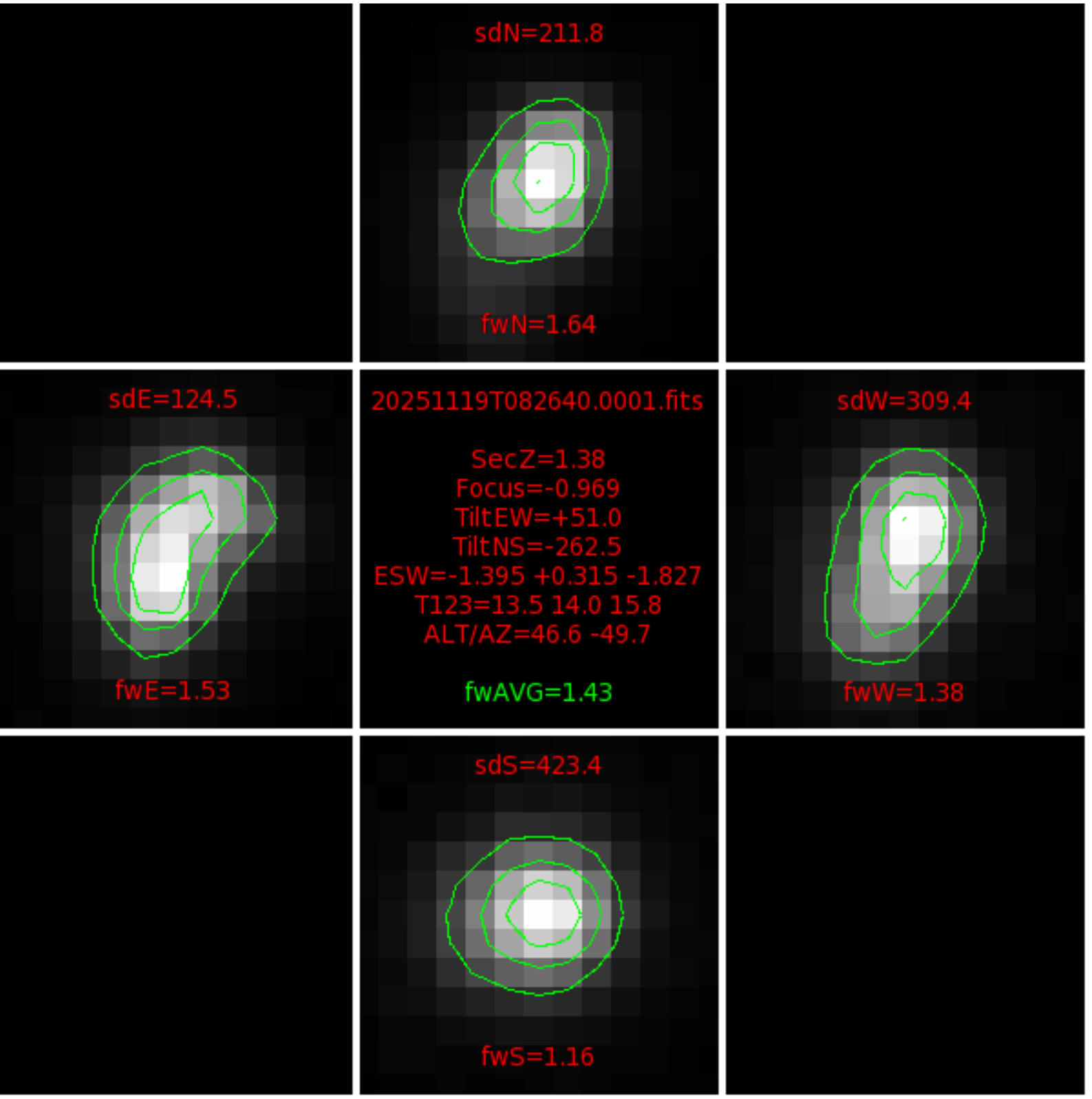
sdN=211.8
fwN=1.64
sdE=124.5
fwE=1.53
20251119T082640.0001.fits
SecZ=1.38
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.5 14.0 15.8
ALT/AZ=46.6 -49.7
fwAVG=1.43
sdW=309.4
fwW=1.38
sdS=423.4
fwS=1.16
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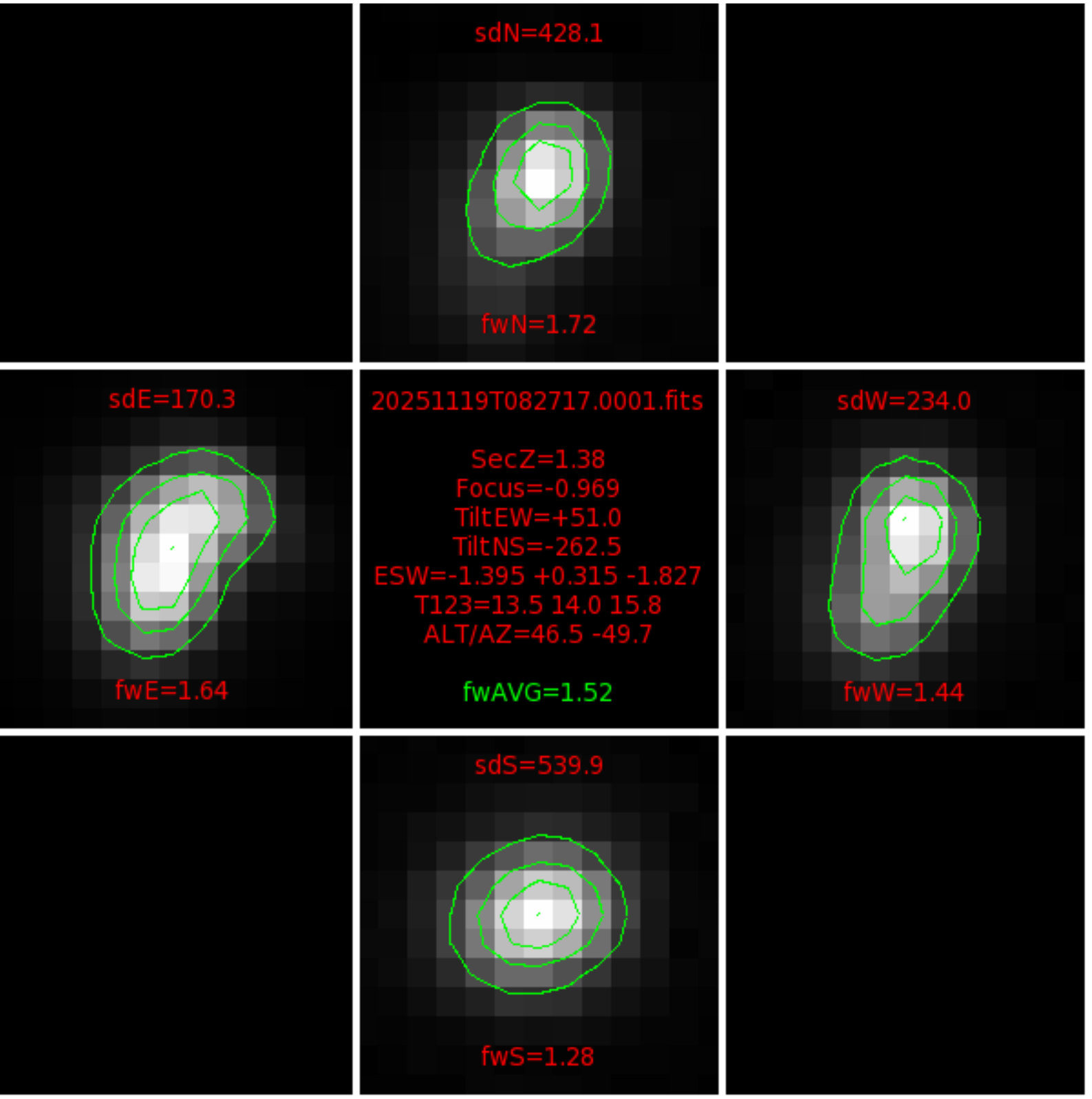
sdN=428.1
fwN=1.72
sdE=170.3
fwE=1.64
20251119T082717.0001.fits
SecZ=1.38
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.5 14.0 15.8
ALT/AZ=46.5 -49.7
fwAVG=1.52
sdW=234.0
fwW=1.44
sdS=539.9
fwS=1.28
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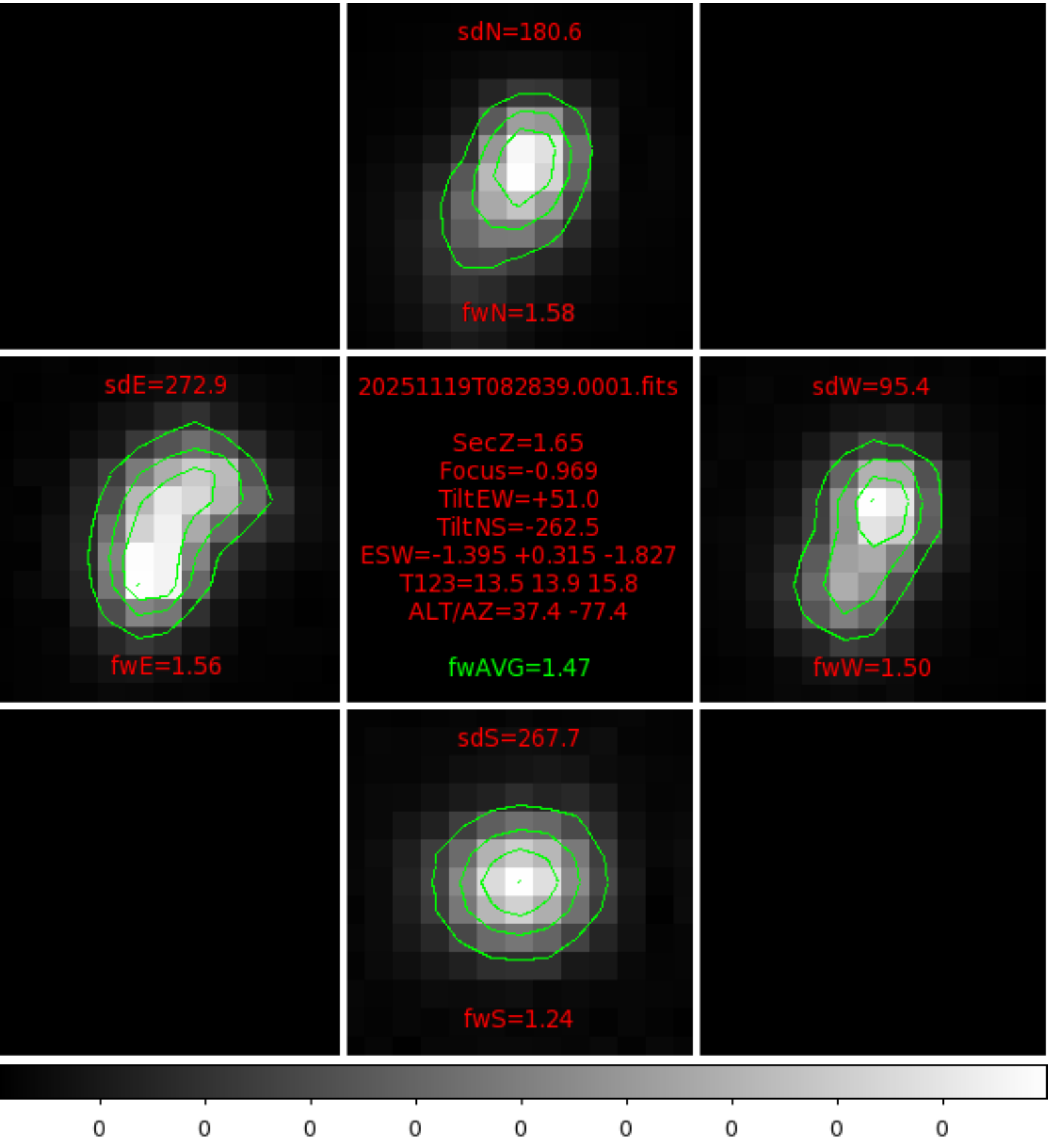
sdN=180.6
fwN=1.58
sdE=272.9
fwE=1.56
20251119T082839.0001.fits
SecZ=1.65
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.5 13.9 15.8
ALT/AZ=37.4 -77.4
fwAVG=1.47
sdW=95.4
fwW=1.50
sdS=267.7
fwS=1.24
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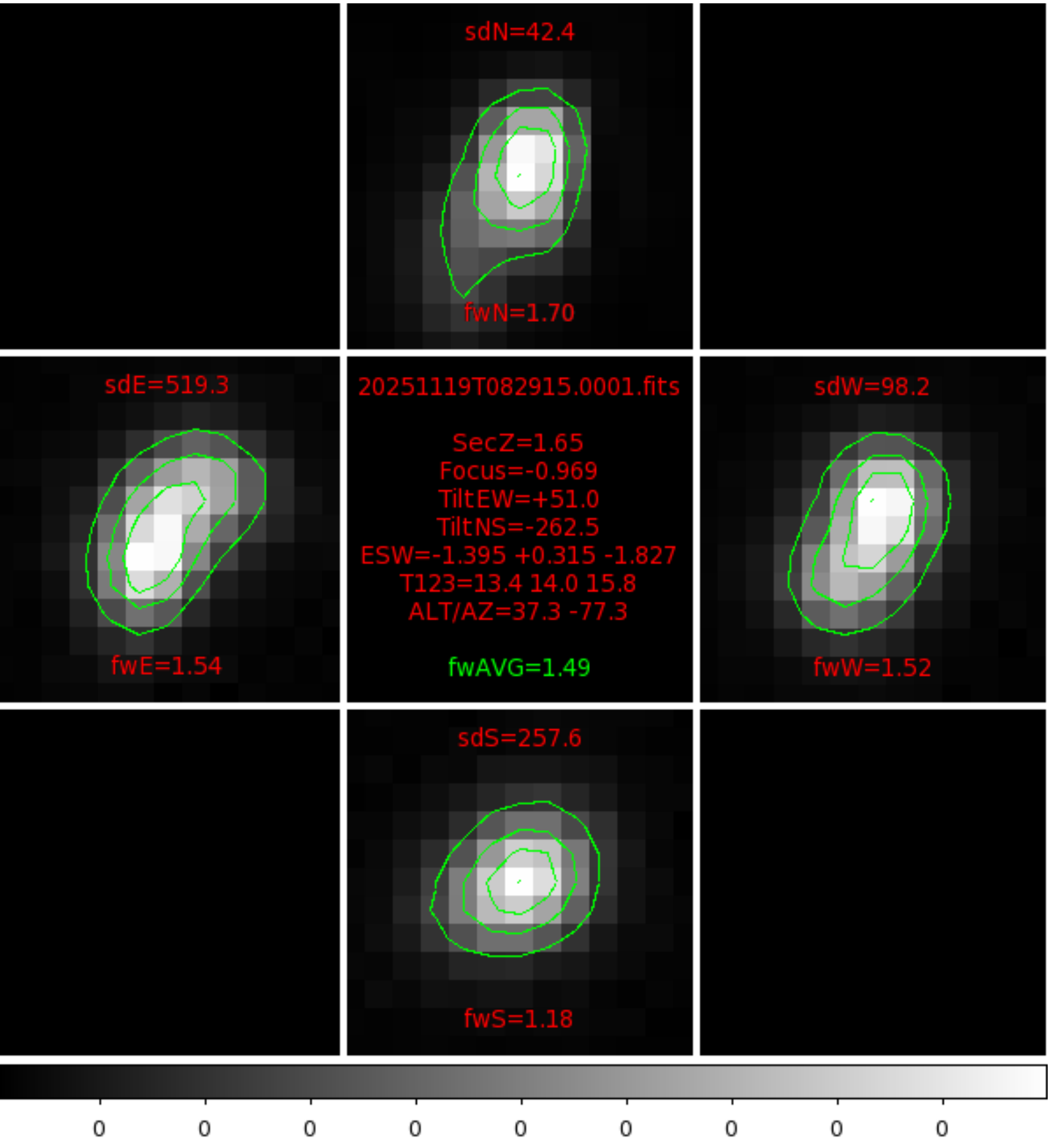
sdN=42.4
fwN=1.70
sdE=519.3
fwE=1.54
20251119T082915.0001.fits
SecZ=1.65
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.4 14.0 15.8
ALT/AZ=37.3 -77.3
fwAVG=1.49
sdW=98.2
fwW=1.52
sdS=257.6
fwS=1.18
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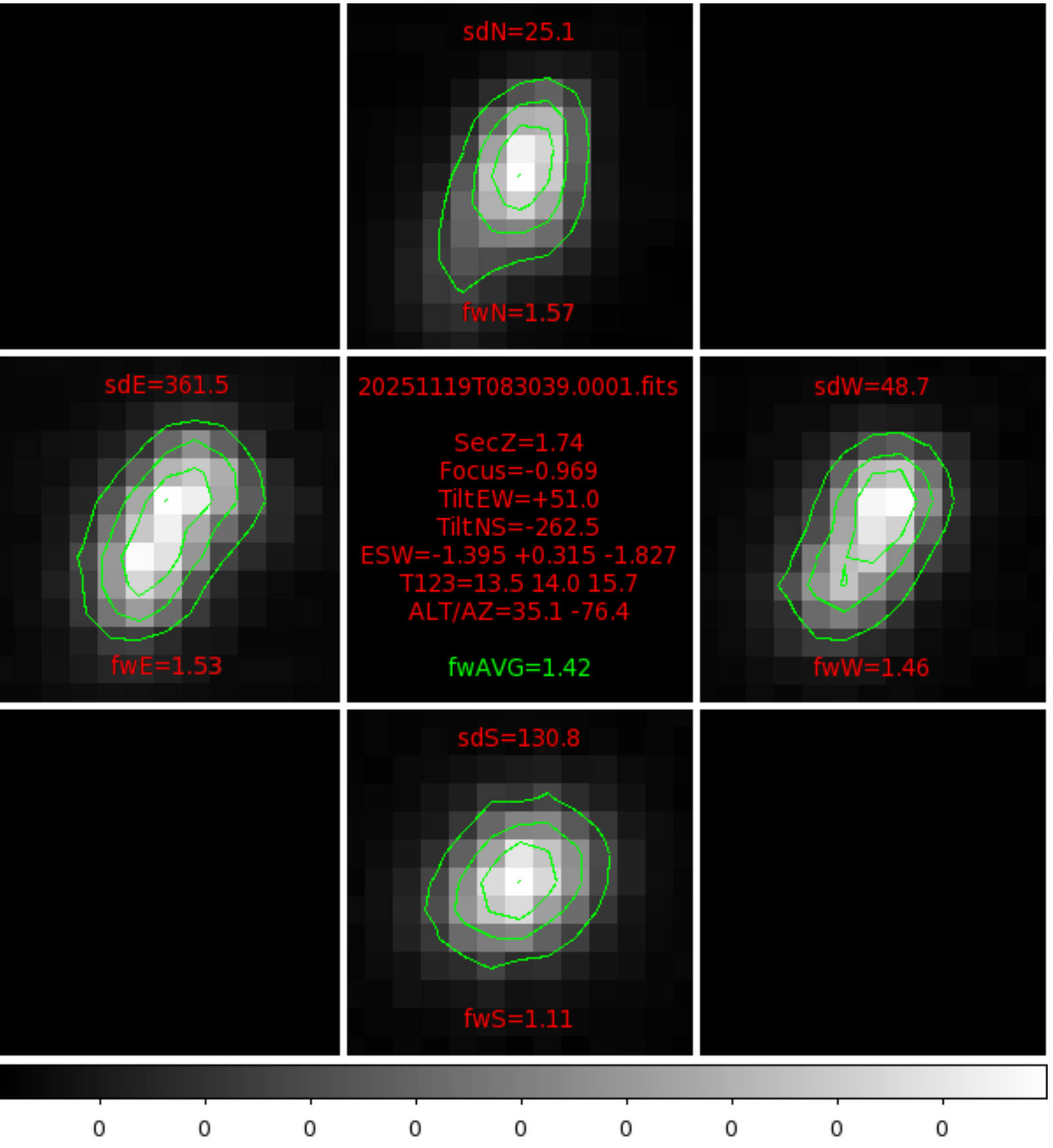
sdN=25.1
fwN=1.57
sdE=361.5
fwE=1.53
20251119T083039.0001.fits
SecZ=1.74
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.5 14.0 15.7
ALT/AZ=35.1 -76.4
fwAVG=1.42
sdW=48.7
fwW=1.46
sdS=130.8
fwS=1.11
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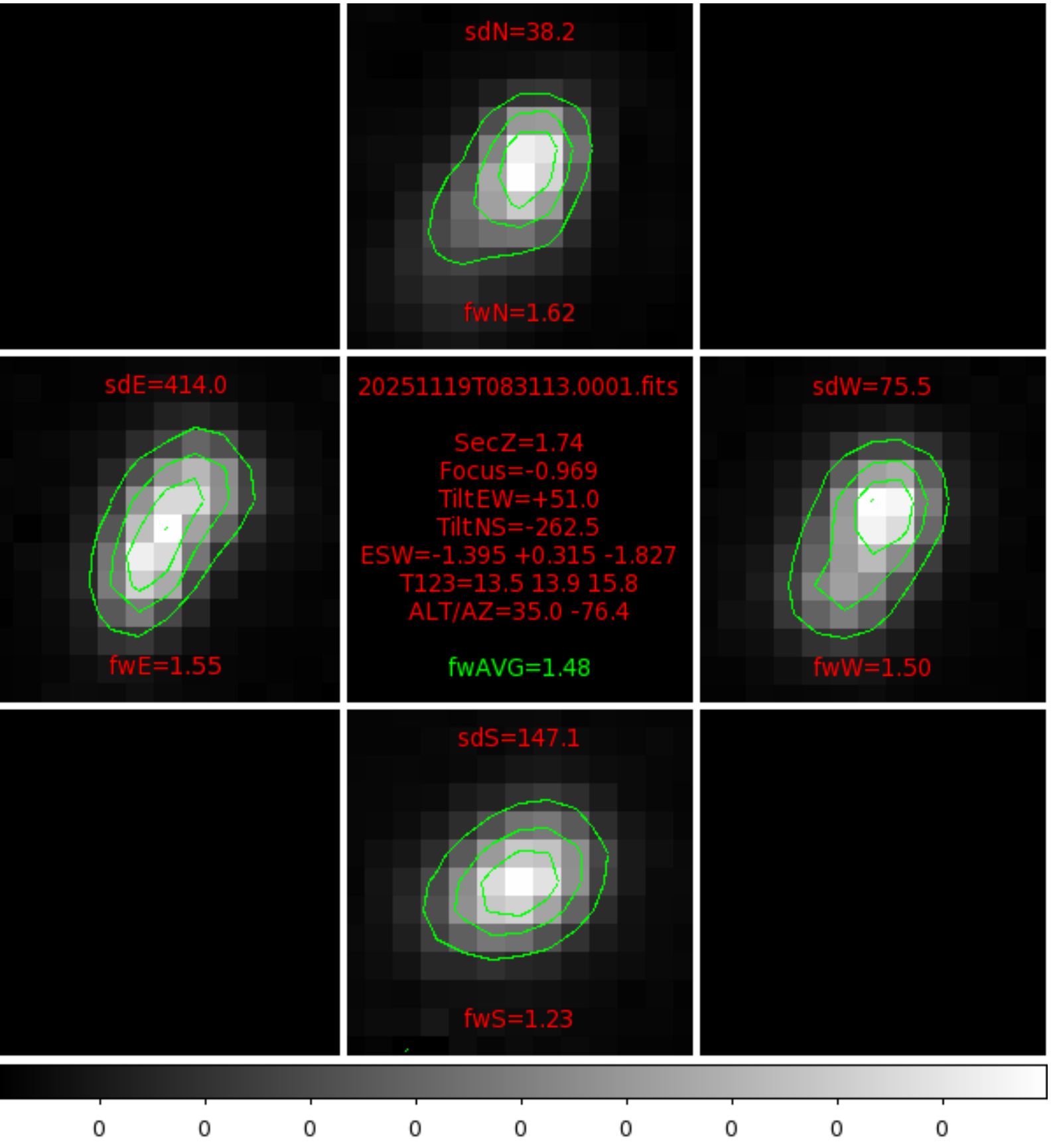
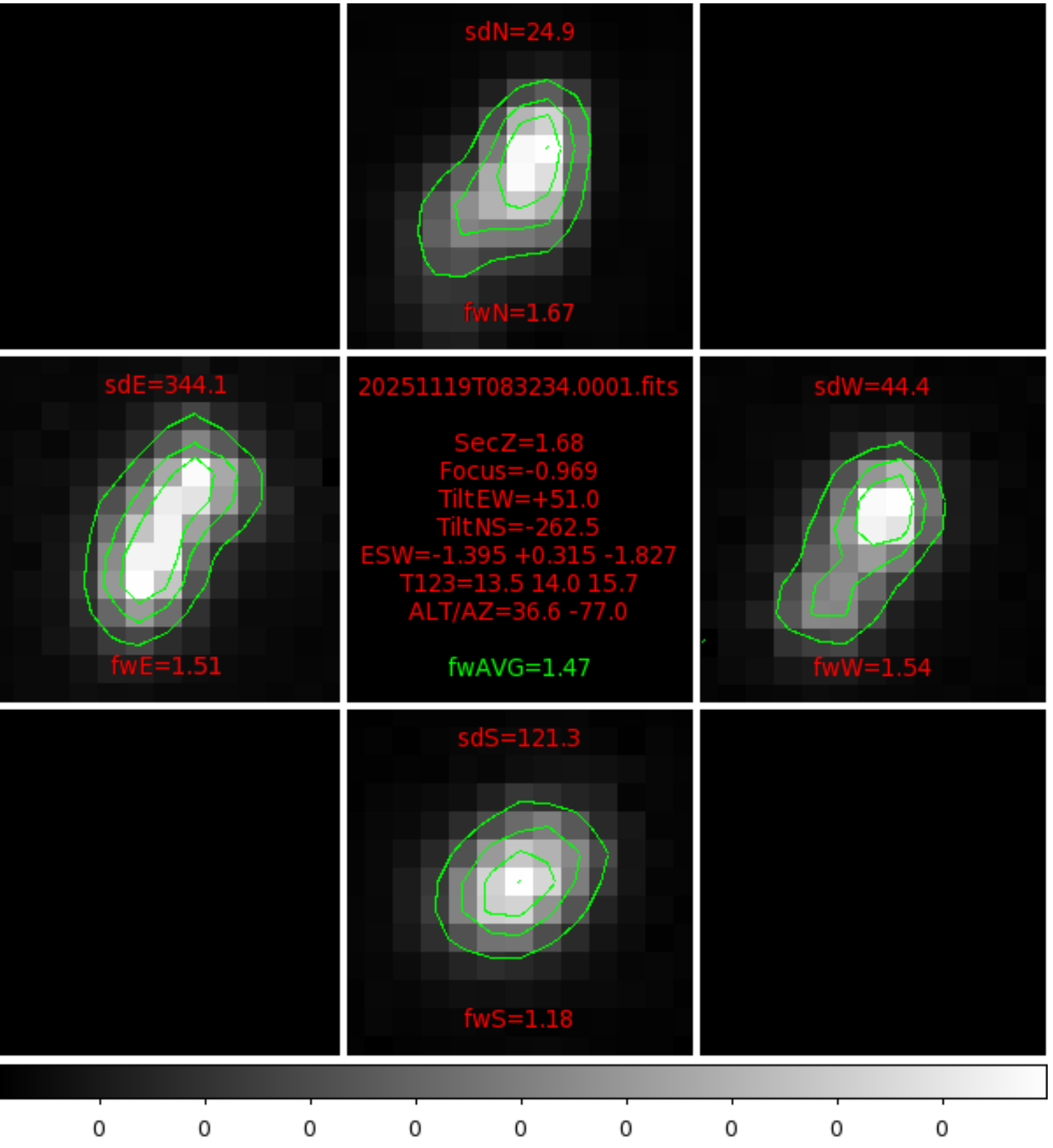

sdN=38.2
fwN=1.62
sdE=414.0
fwE=1.55
20251119T083113.0001.fits
SecZ=1.74
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.5 13.9 15.8
ALT/AZ=35.0 -76.4
fwAVG=1.48
sdW=75.5
fwW=1.50
sdS=147.1
fwS=1.23
0 0 0 0 0 0 0 0 0


sdN=24.9
fwN=1.67
sdE=344.1
fwE=1.51
20251119T083234.0001.fits
SecZ=1.68
Focus=-0.969
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.395 +0.315 -1.827
T123=13.5 14.0 15.7
ALT/AZ=36.6 -77.0
fwAVG=1.47
sdW=44.4
fwW=1.54
sdS=121.3
fwS=1.18
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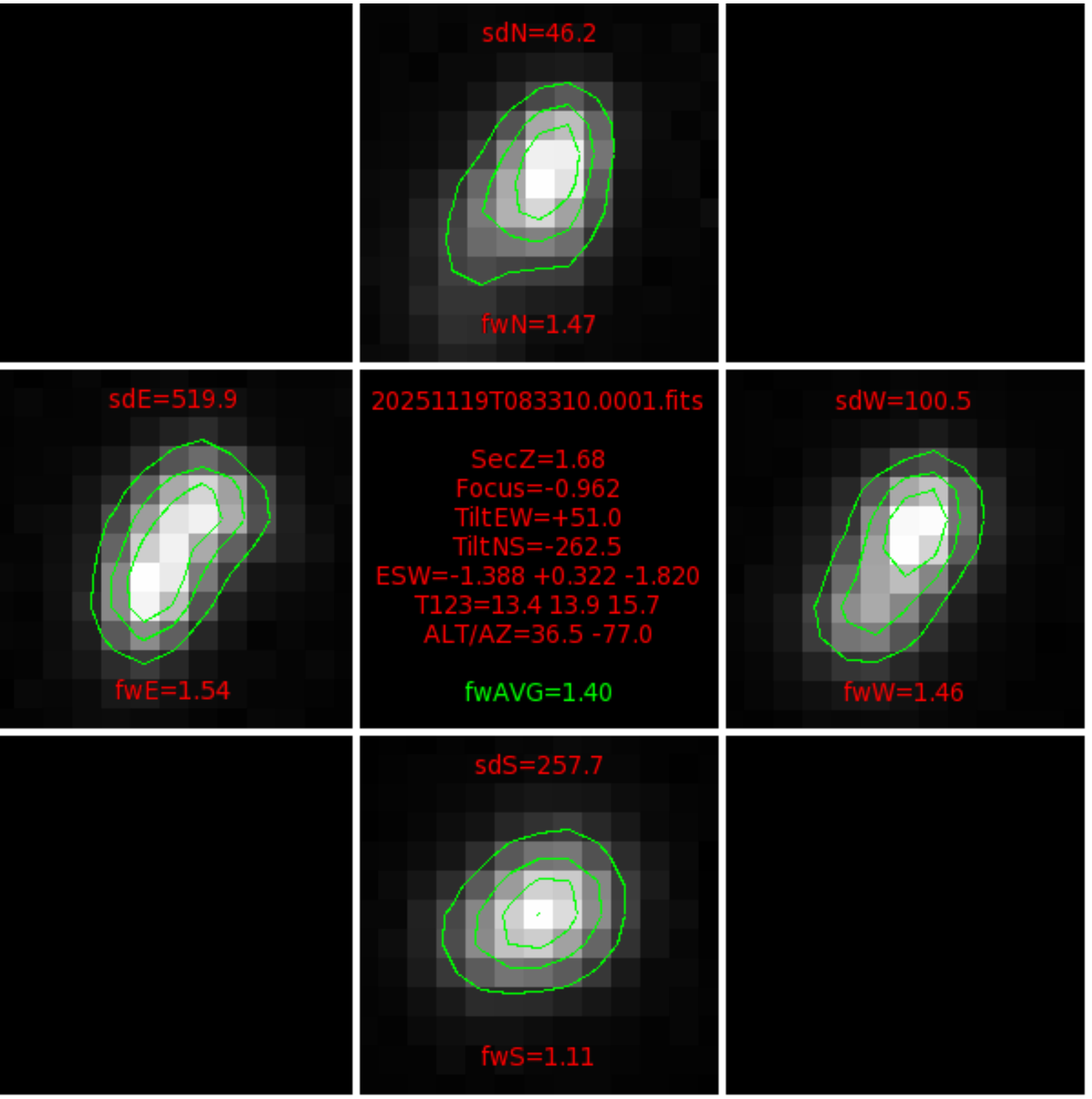
sdN=46.2
fwN=1.47
sdE=519.9
fwE=1.54
20251119T083310.0001.fits
SecZ=1.68
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=13.4 13.9 15.7
ALT/AZ=36.5 -77.0
fwAVG=1.40
sdW=100.5
fwW=1.46
sdS=257.7
fwS=1.11
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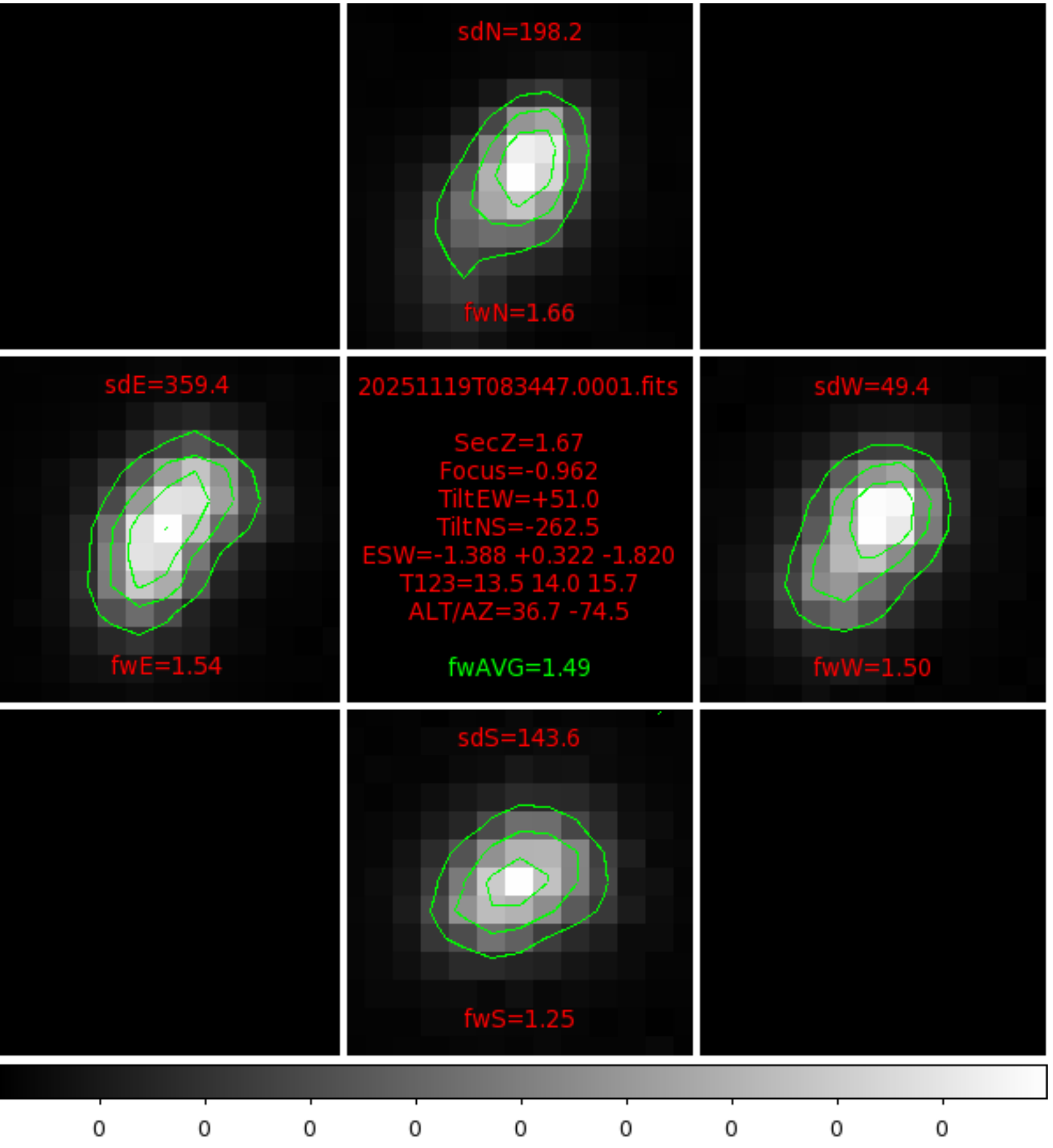
sdN=198.2
fwN=1.66
sdE=359.4
fwE=1.54
20251119T083447.0001.fits
SecZ=1.67
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=13.5 14.0 15.7
ALT/AZ=36.7 -74.5
fwAVG=1.49
sdW=49.4
fwW=1.50
sdS=143.6
fwS=1.25
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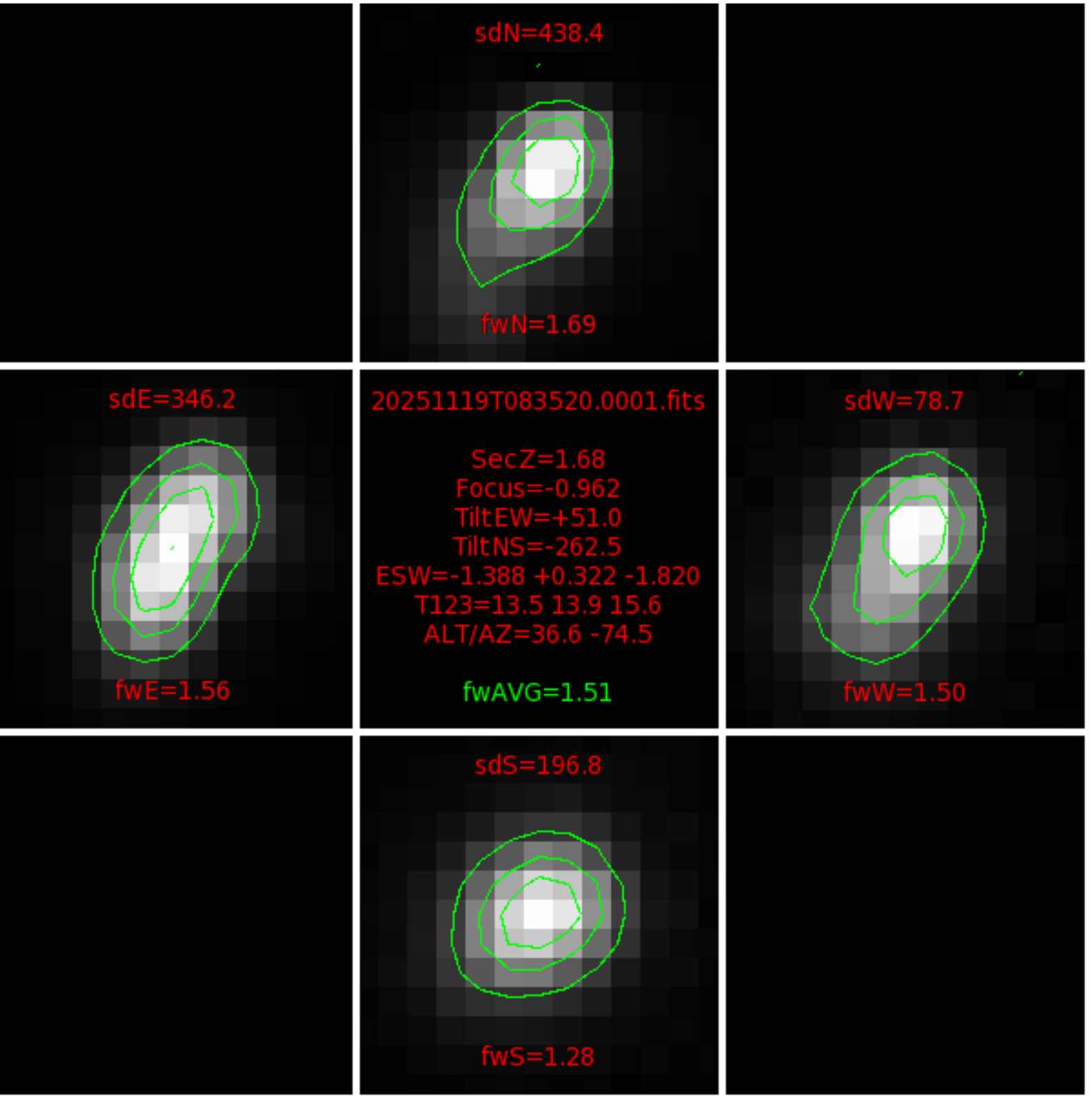
sdN=438.4
fwN=1.69
sdE=346.2
fwE=1.56
20251119T083520.0001.fits
SecZ=1.68
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=13.5 13.9 15.6
ALT/AZ=36.6 -74.5
fwAVG=1.51
sdW=78.7
fwW=1.50
sdS=196.8
fwS=1.28
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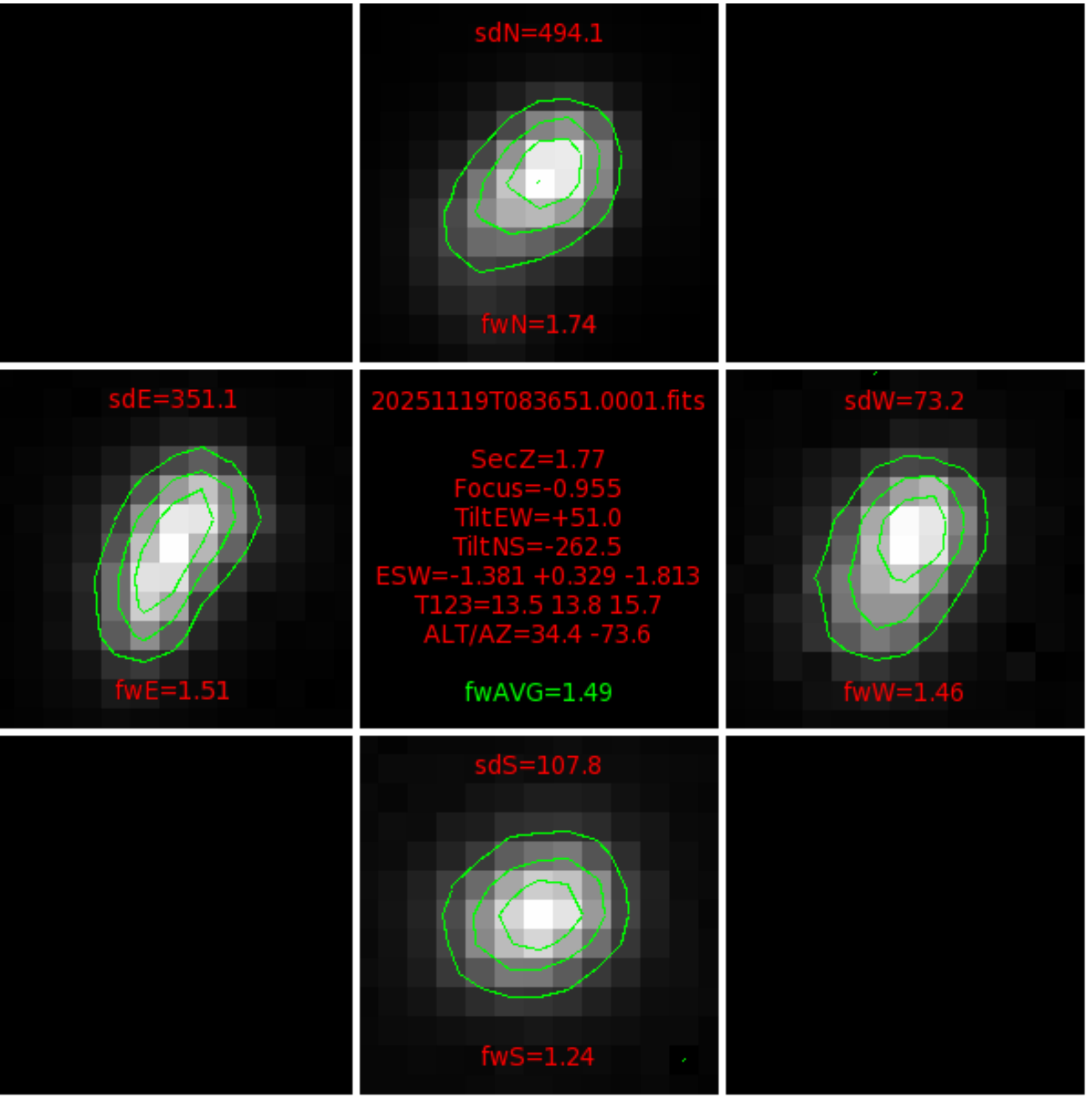
sdN=494.1
fwN=1.74
sdE=351.1
fwE=1.51
20251119T083651.0001.fits
SecZ=1.77
Focus=-0.955
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.381 +0.329 -1.813
T123=13.5 13.8 15.7
ALT/AZ=34.4 -73.6
fwAVG=1.49
sdW=73.2
fwW=1.46
sdS=107.8
fwS=1.24
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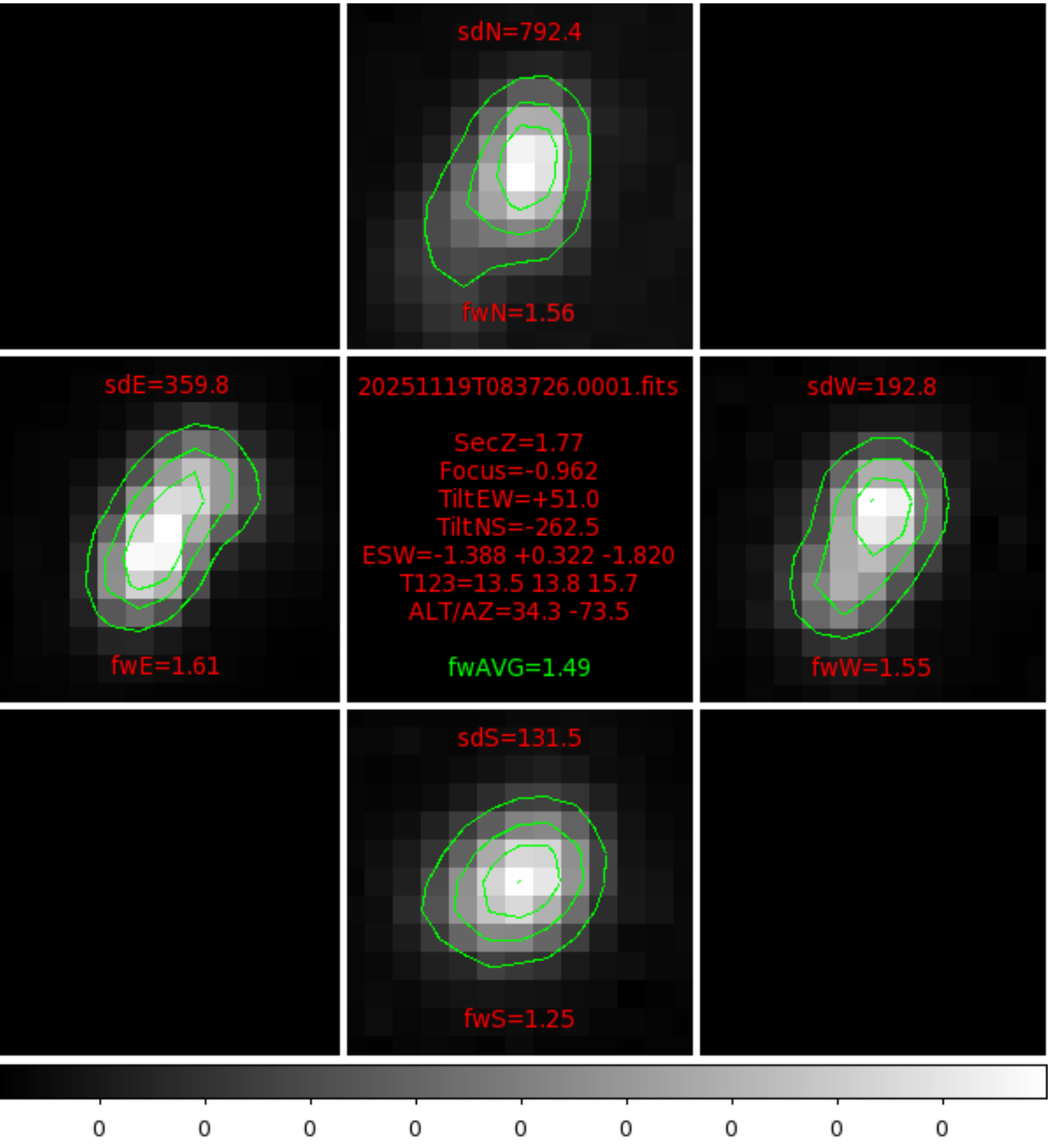
sdN=792.4
fwN=1.56
sdE=359.8
fwE=1.61
20251119T083726.0001.fits
SecZ=1.77
Focus=-0.962
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.388 +0.322 -1.820
T123=13.5 13.8 15.7
ALT/AZ=34.3 -73.5
fwAVG=1.49
sdW=192.8
fwW=1.55
sdS=131.5
fwS=1.25
0 0 0 0 0 0 0 0 0