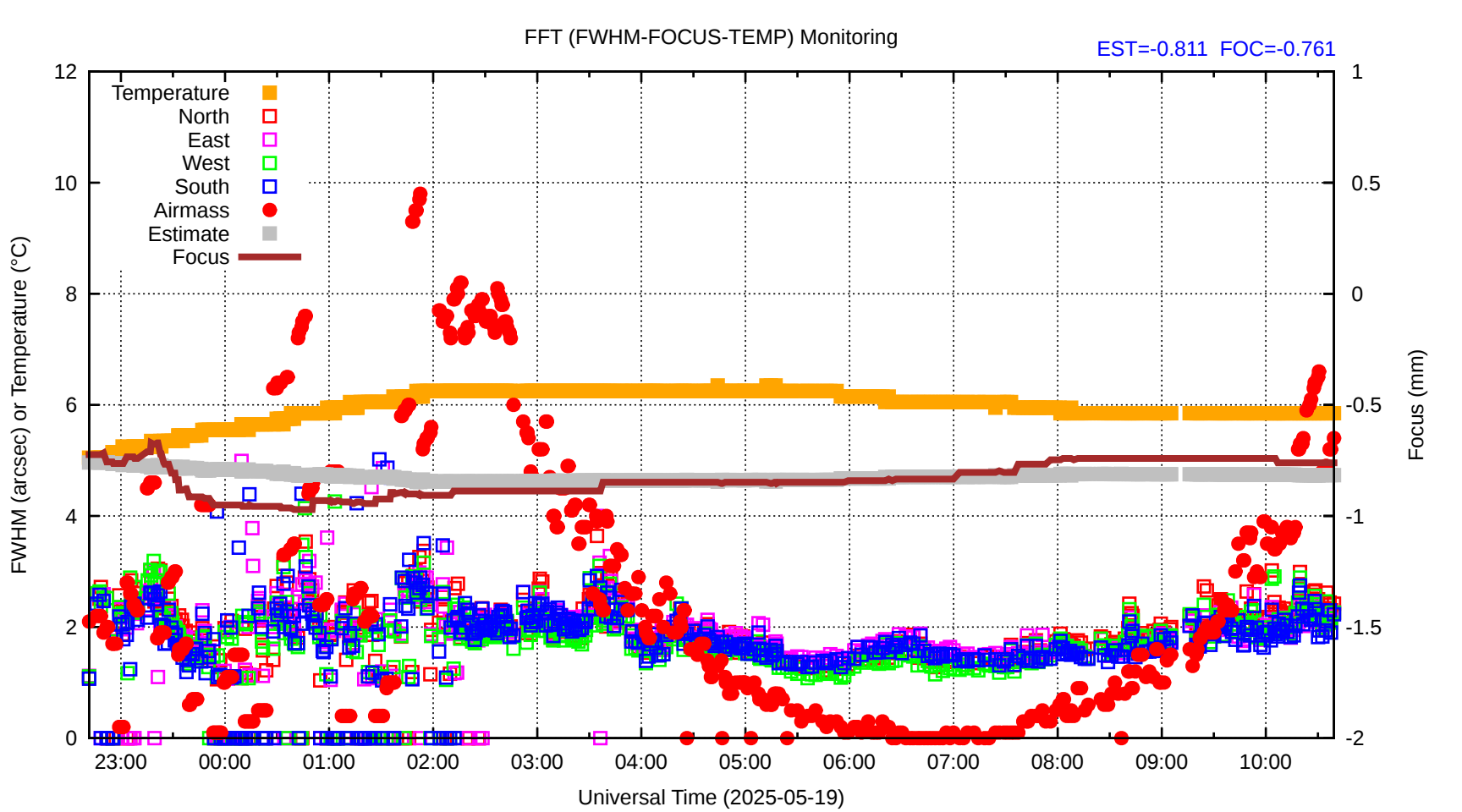
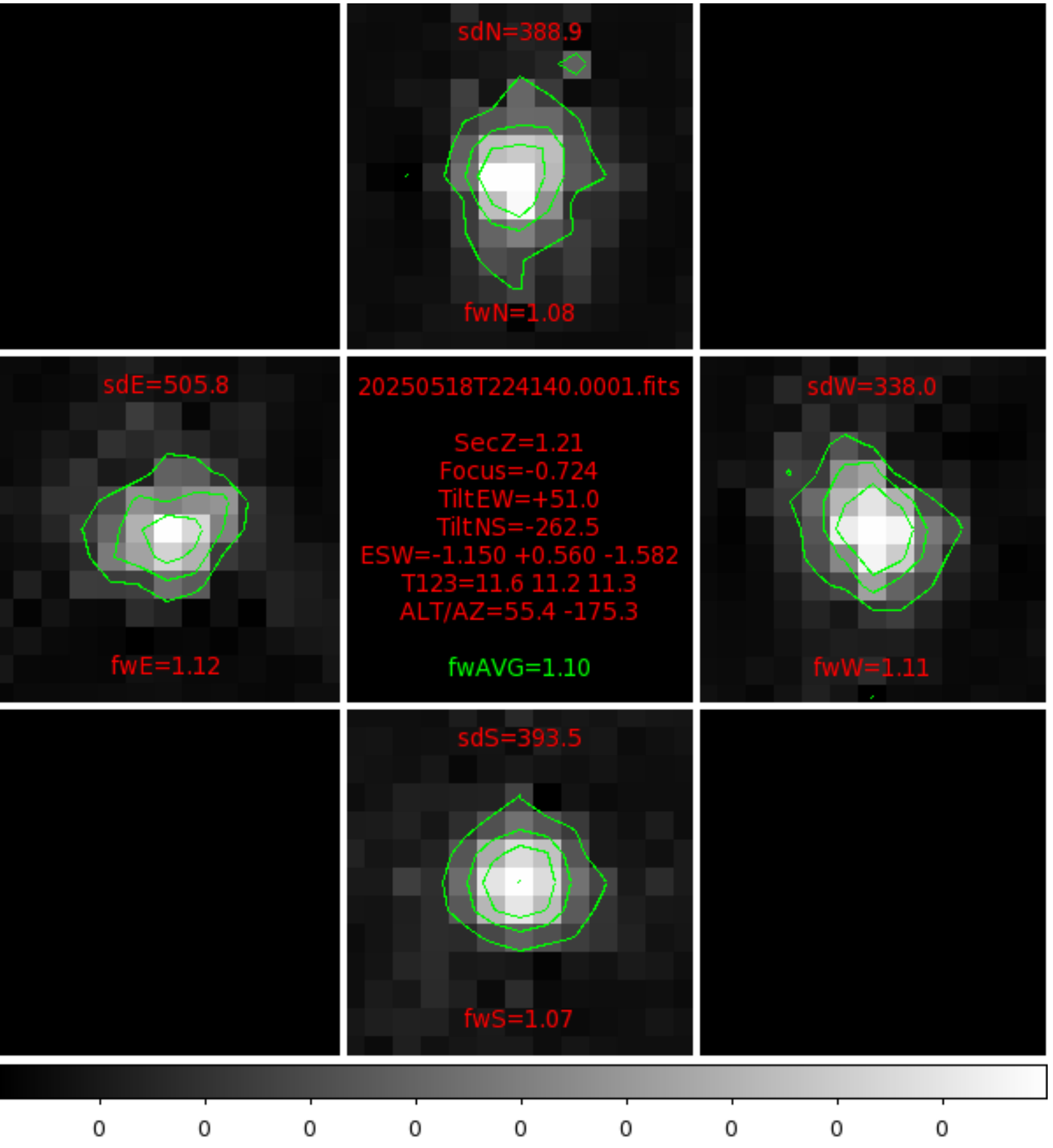
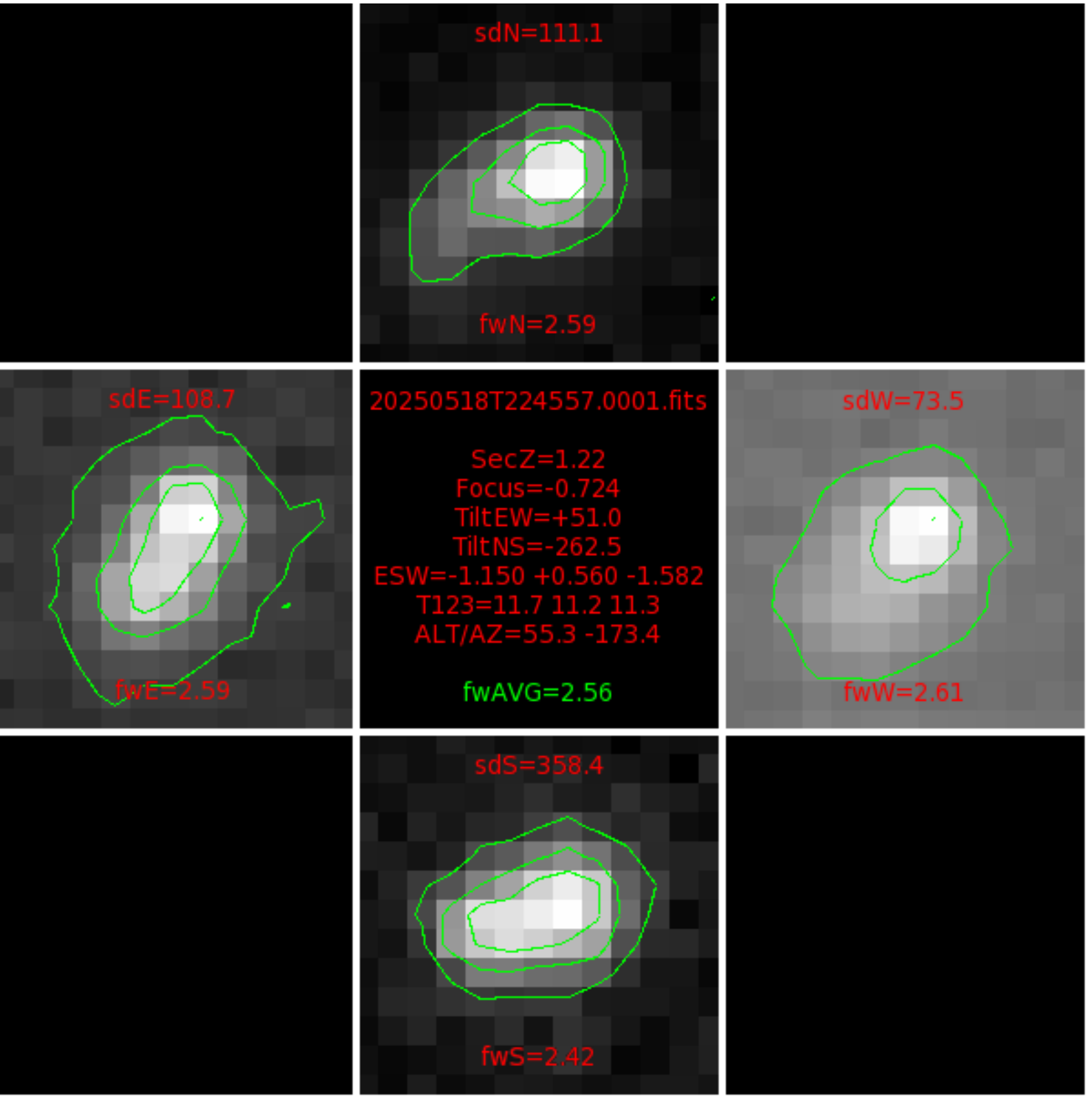

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-0.811 FOC=-0.761
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2025-05-19)
0
2
4
6
8
10
12
-2
-1.5
-1
-0.5
0
0.5
1
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00


sdN=388.9
fwN=1.08
sdE=505.8
fwE=1.12
20250518T224140.0001.fits
SecZ=1.21
Focus=-0.724
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.150 +0.560 -1.582
T123=11.6 11.2 11.3
ALT/AZ=55.4 -175.3
fwAVG=1.10
sdW=338.0
fwW=1.11
sdS=393.5
fwS=1.07
0 0 0 0 0 0 0 0 0


sdN=111.1
fwN=2.59
sdE=108.7
fwE=2.59
20250518T224557.0001.fits
SecZ=1.22
Focus=-0.724
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.150 +0.560 -1.582
T123=11.7 11.2 11.3
ALT/AZ=55.3 -173.4
fwAVG=2.56
sdW=73.5
fwW=2.61
sdS=358.4
fwS=2.42
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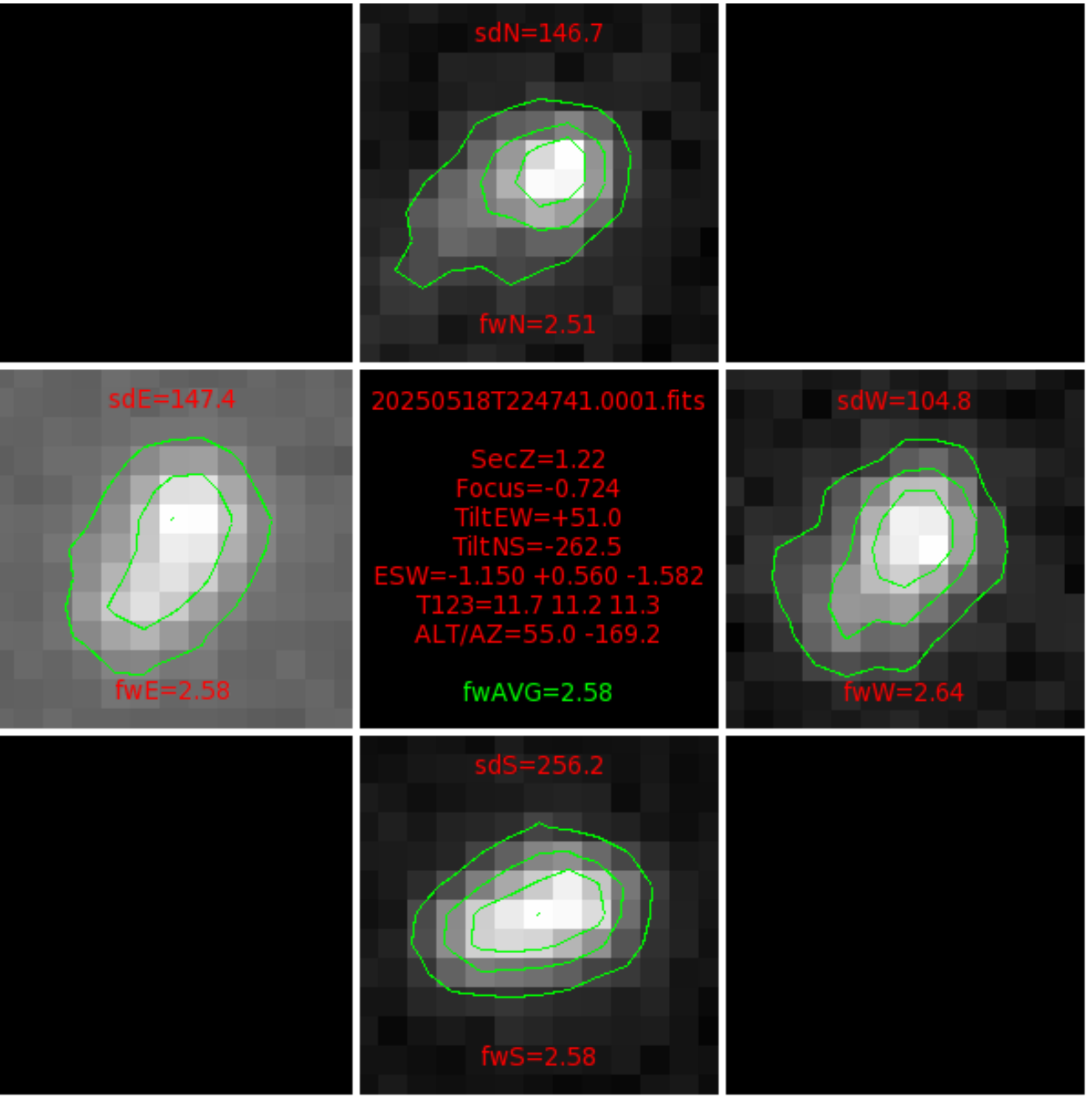
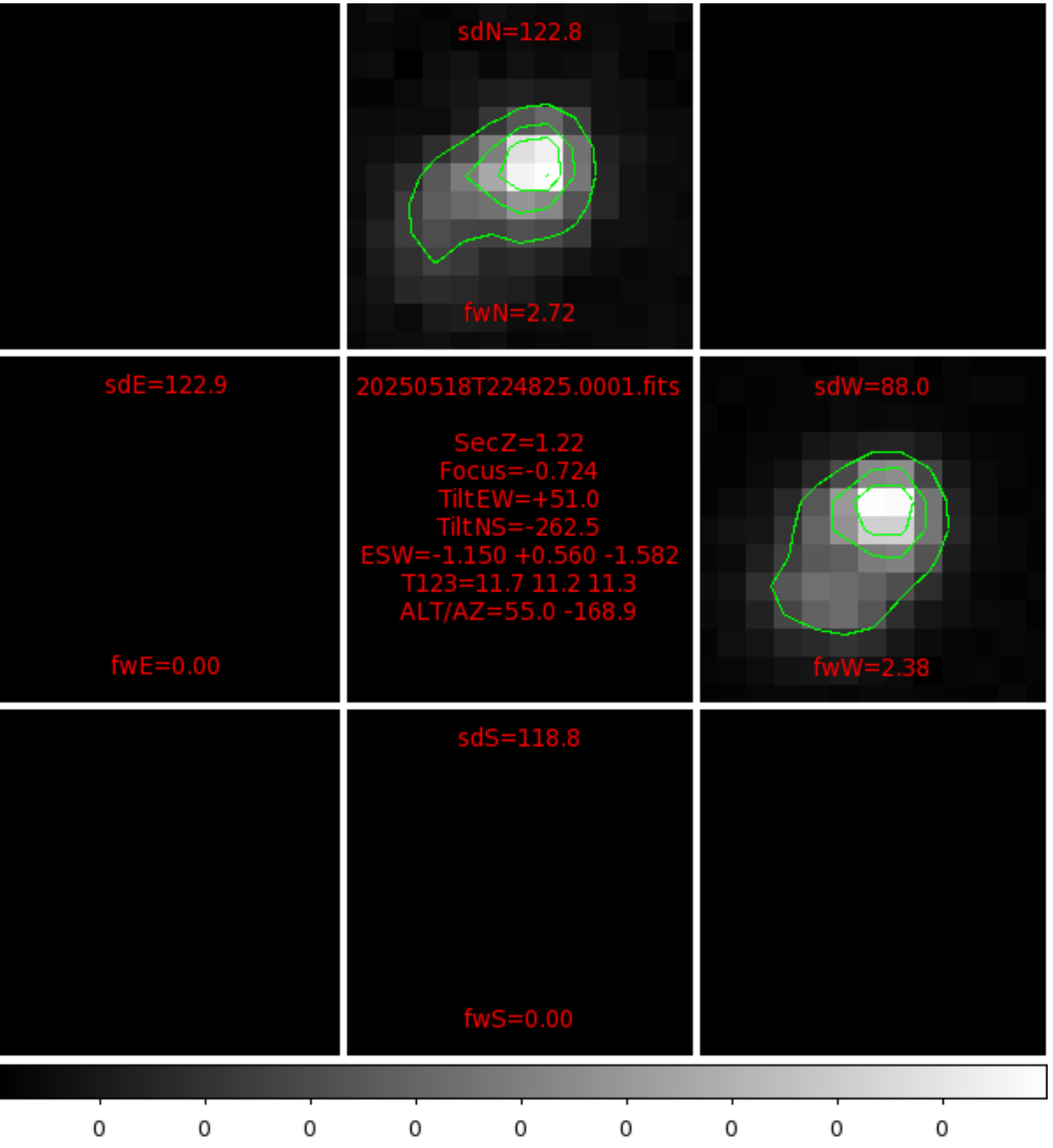
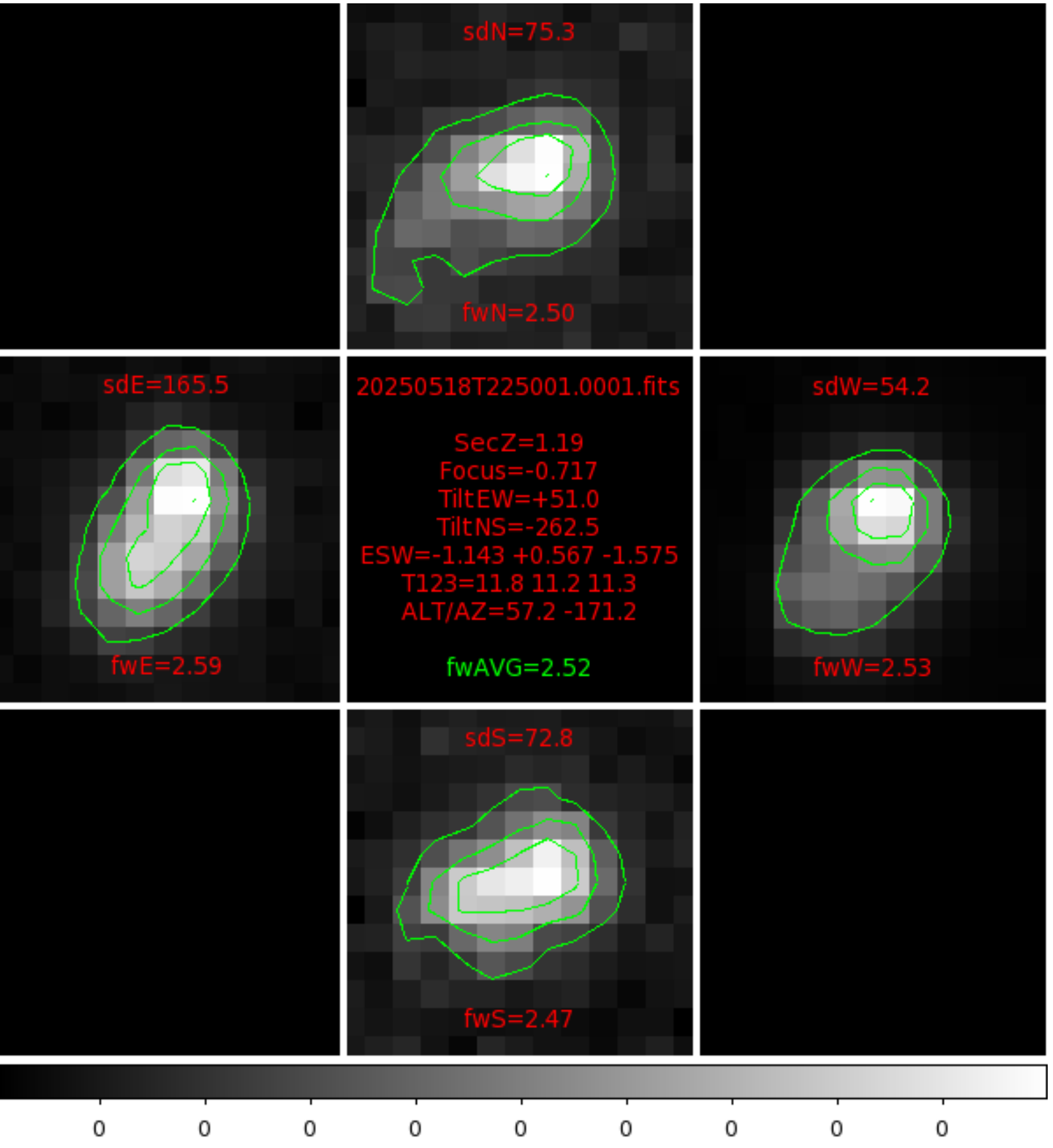
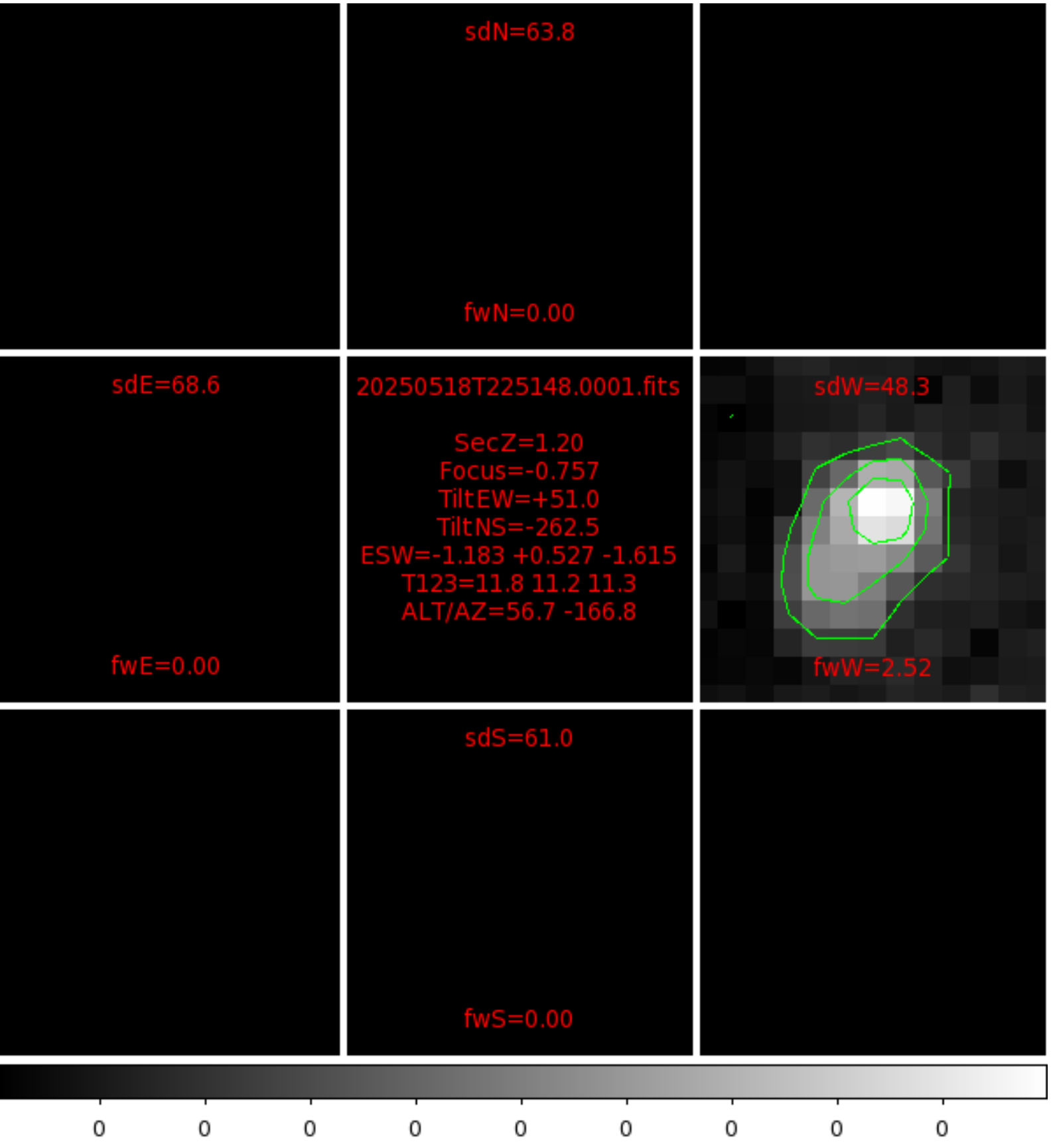
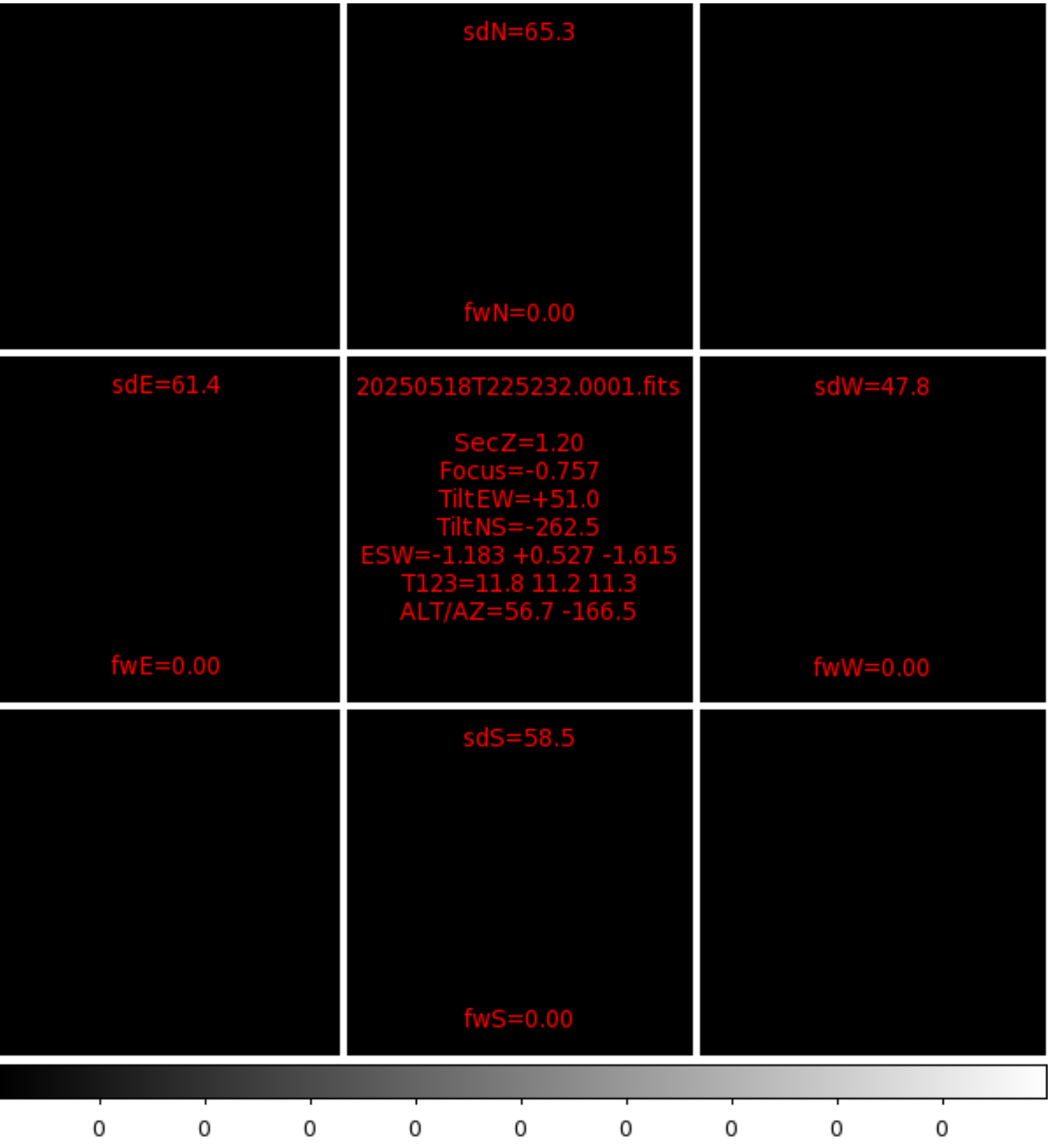
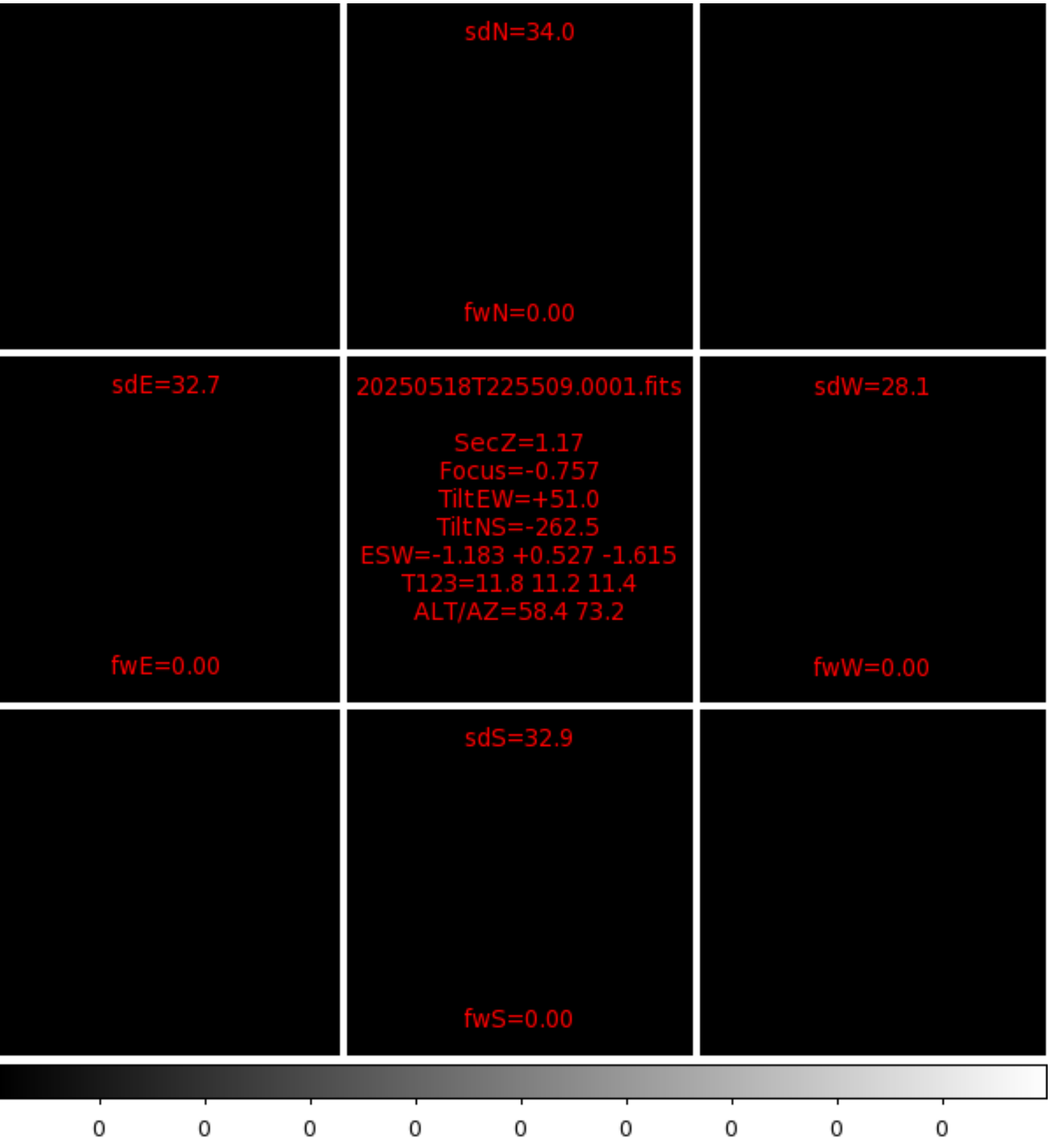

sdN=146.7
fwN=2.51
sdE=147.4
fwE=2.58
20250518T224741.0001.fits
SecZ=1.22
Focus=-0.724
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.150 +0.560 -1.582
T123=11.7 11.2 11.3
ALT/AZ=55.0 -169.2
fwAVG=2.58
sdW=104.8
fwW=2.64
sdS=256.2
fwS=2.58
0 0 0 0 0 0 0 0 0

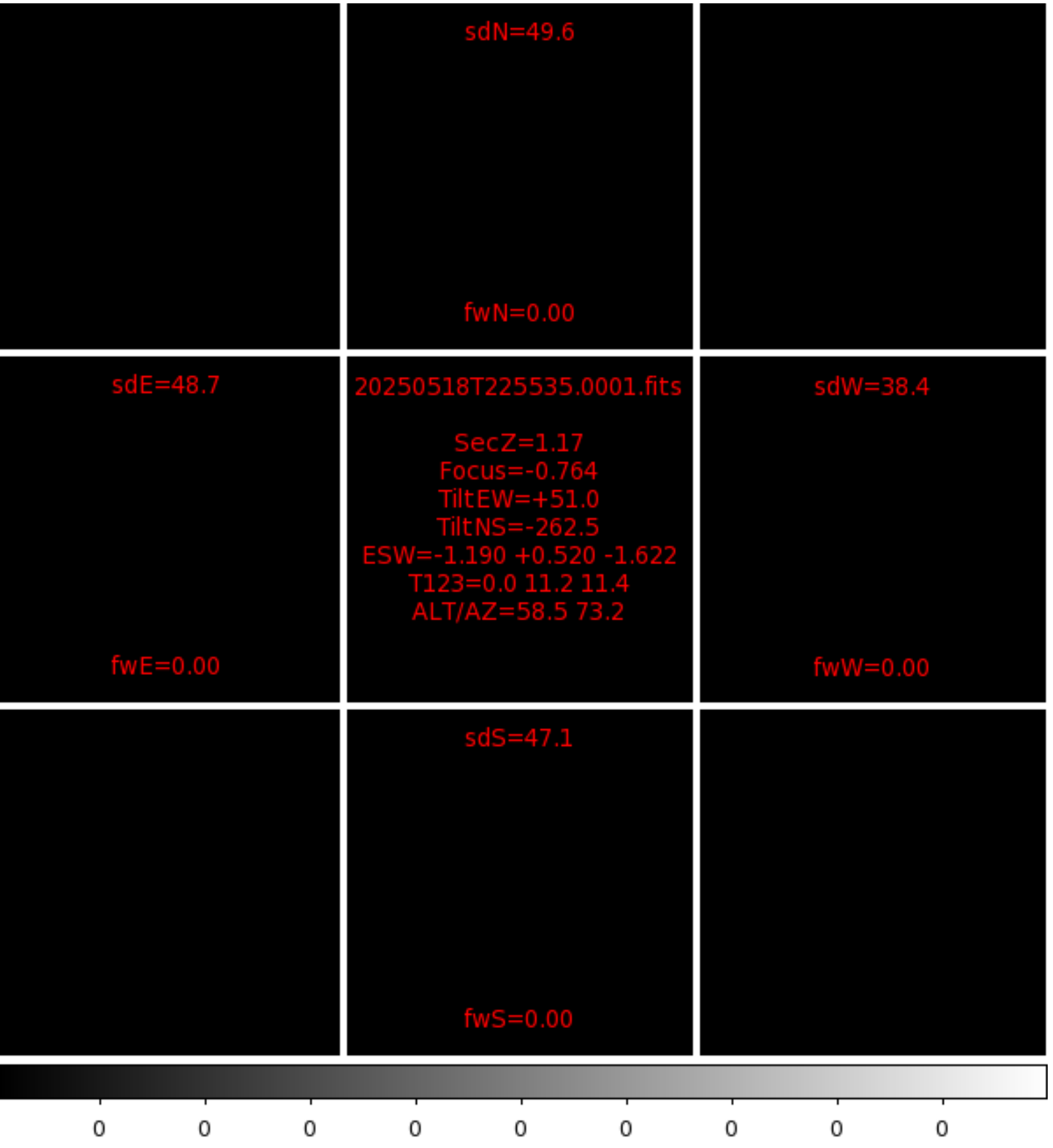

sdN=122.8
fwN=2.72
sdE=122.9
fwE=0.00
20250518T224825.0001.fits
SecZ=1.22
Focus=-0.724
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.150 +0.560 -1.582
T123=11.7 11.2 11.3
ALT/AZ=55.0 -168.9
sdW=88.0
fwW=2.38
sdS=118.8
fwS=0.00
0 0 0 0 0 0 0 0 0

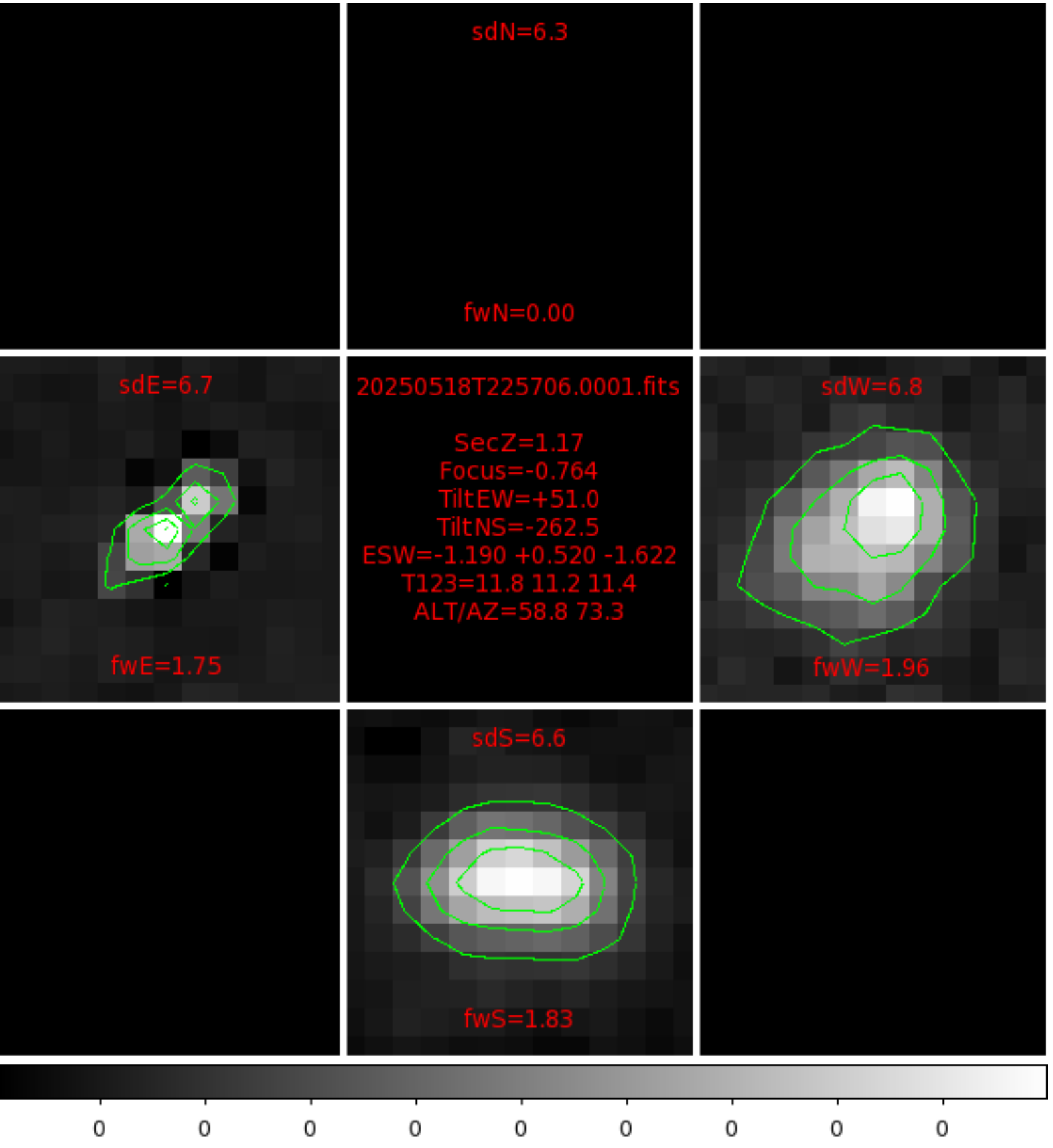

sdN=75.3
fwN=2.50
sdE=165.5
fwE=2.59
20250518T225001.0001.fits
SecZ=1.19
Focus=-0.717
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.143 +0.567 -1.575
T123=11.8 11.2 11.3
ALT/AZ=57.2 -171.2
fwAVG=2.52
sdW=54.2
fwW=2.53
sdS=72.8
fwS=2.47
0 0 0 0 0 0 0 0 0

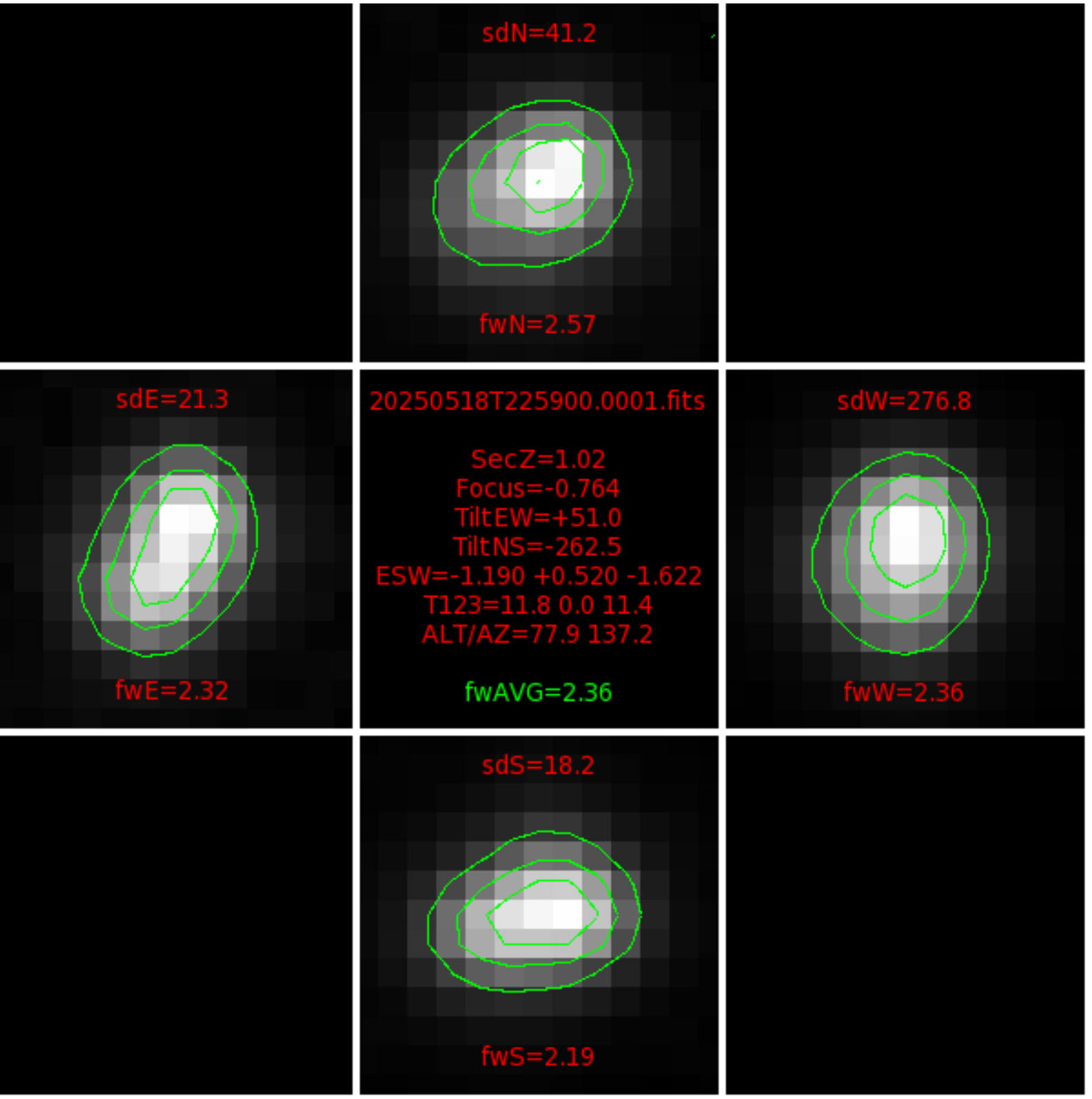

sdN=63.8
fwN=0.00
sdE=68.6
fwE=0.00
20250518T225148.0001.fits
SecZ=1.20
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=11.8 11.2 11.3
ALT/AZ=56.7 -166.8
sdW=48.3
fwW=2.52
sdS=61.0
fwS=0.00
0 0 0 0 0 0 0 0 0

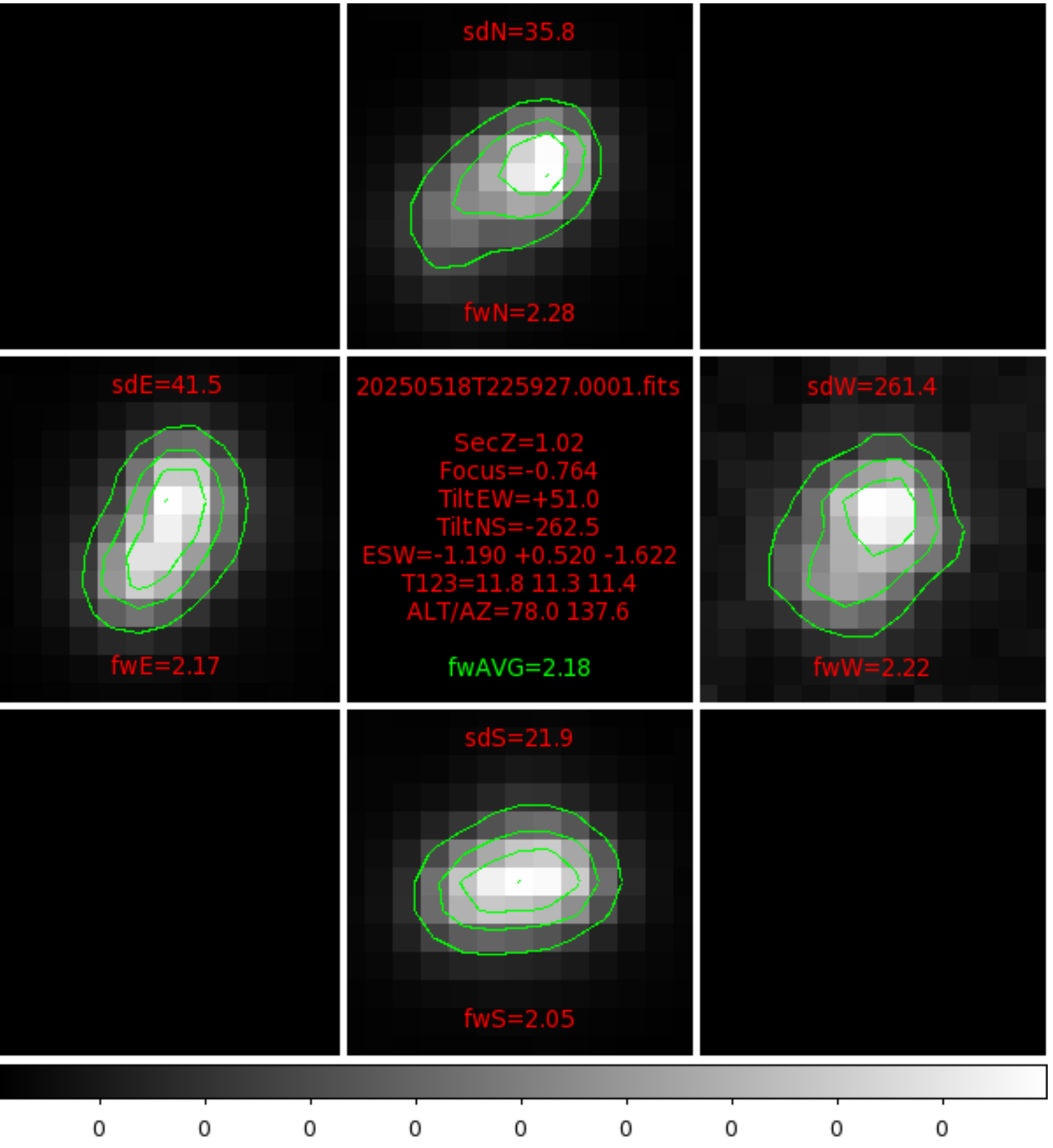

sdN=65.3
fwN=0.00
sdE=61.4
fwE=0.00
20250518T225232.0001.fits
SecZ=1.20
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=11.8 11.2 11.3
ALT/AZ=56.7 -166.5
sdW=47.8
fwW=0.00
sdS=58.5
fwS=0.00
0 0 0 0 0 0 0 0 0

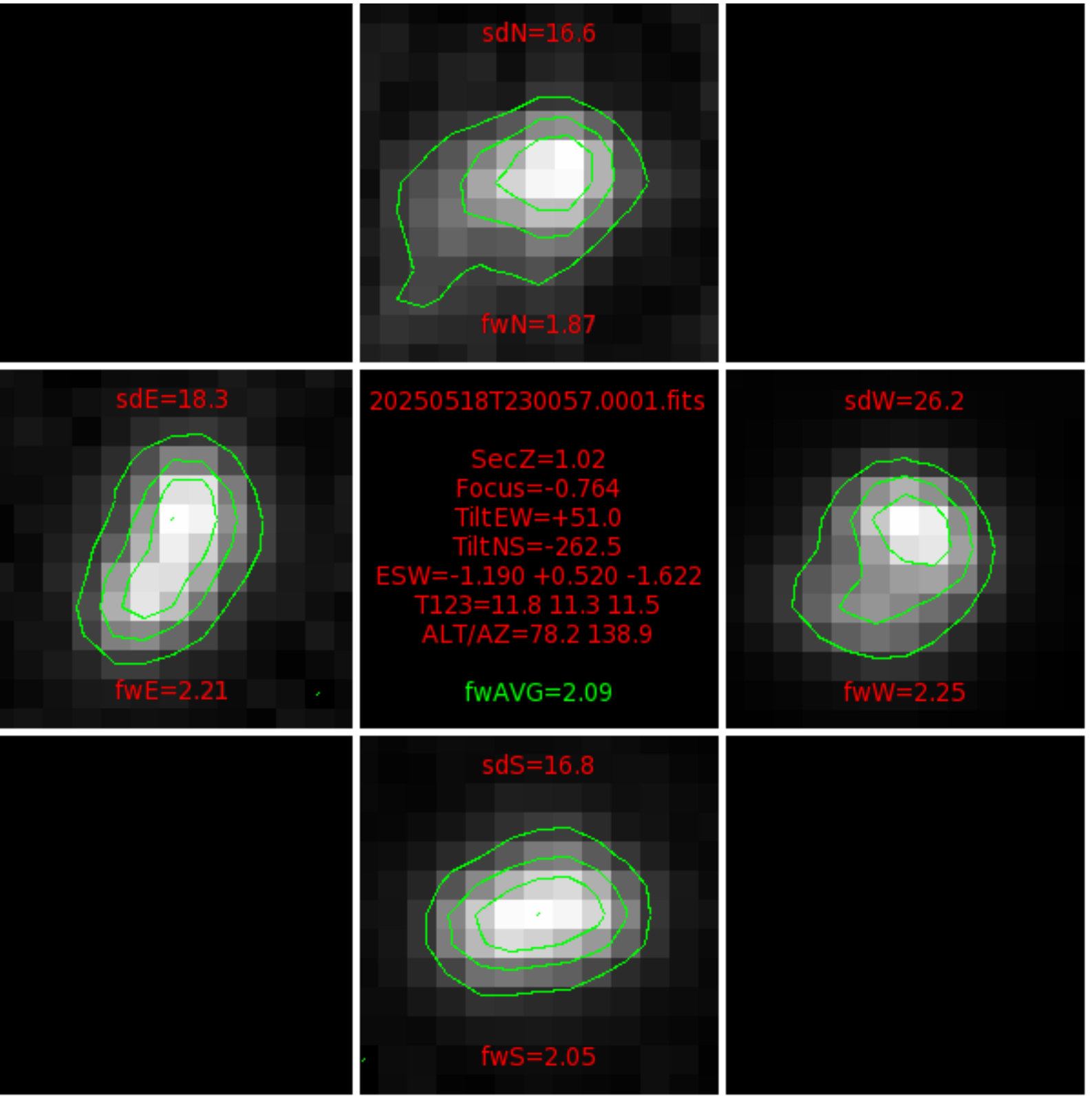

sdN=34.0
fwN=0.00
sdE=32.7
fwE=0.00
20250518T225509.0001.fits
SecZ=1.17
Focus=-0.757
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.183 +0.527 -1.615
T123=11.8 11.2 11.4
ALT/AZ=58.4 73.2
sdW=28.1
fwW=0.00
sdS=32.9
fwS=0.00
0 0 0 0 0 0 0 0 0

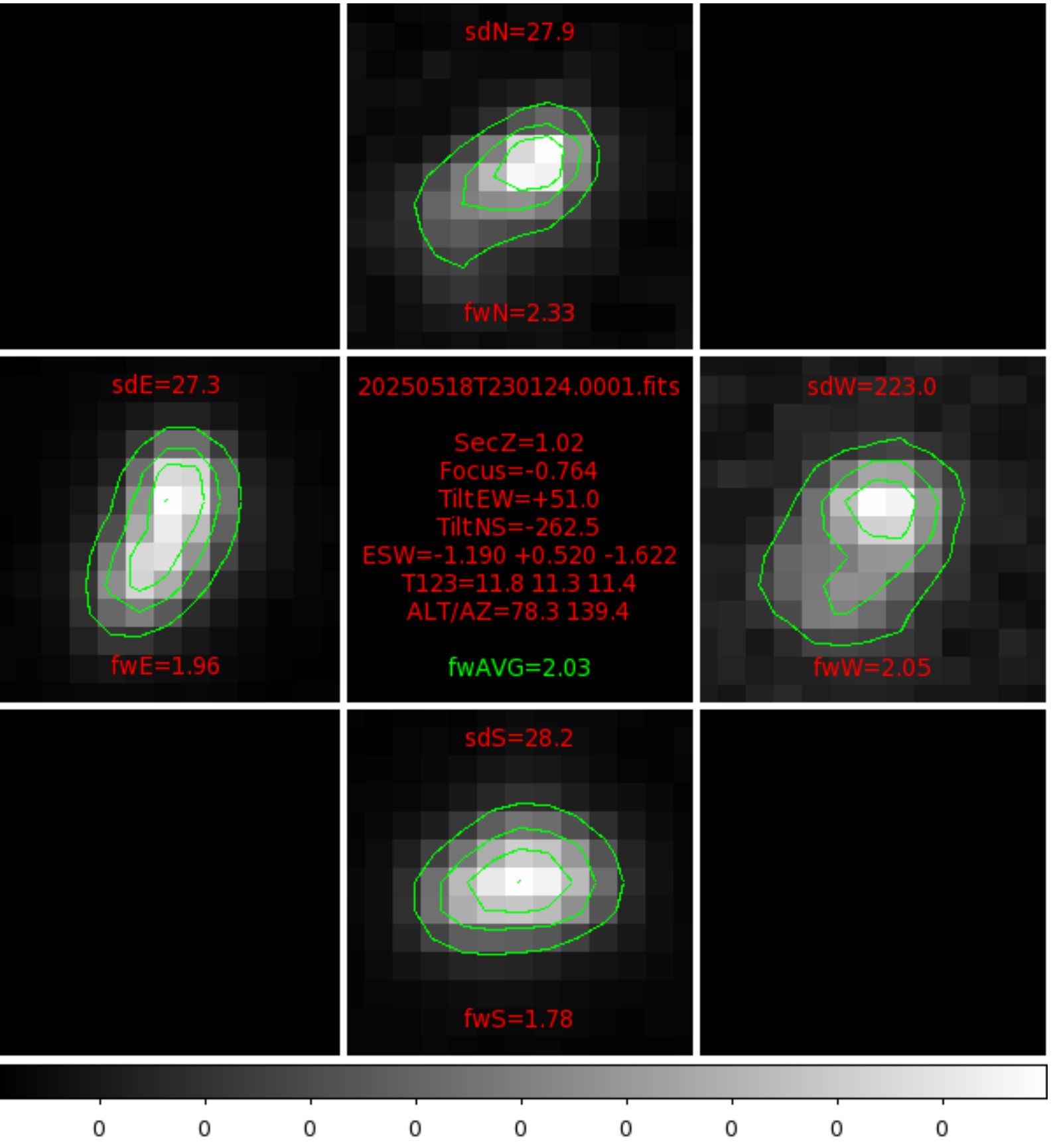

sdN=49.6
fwN=0.00
sdE=48.7
20250518T225535.0001.fits
SecZ=1.17
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=0.0 11.2 11.4
ALT/AZ=58.5 73.2
sdW=38.4
fwE=0.00
fwW=0.00
sdS=47.1
fwS=0.00
0 0 0 0 0 0 0 0 0

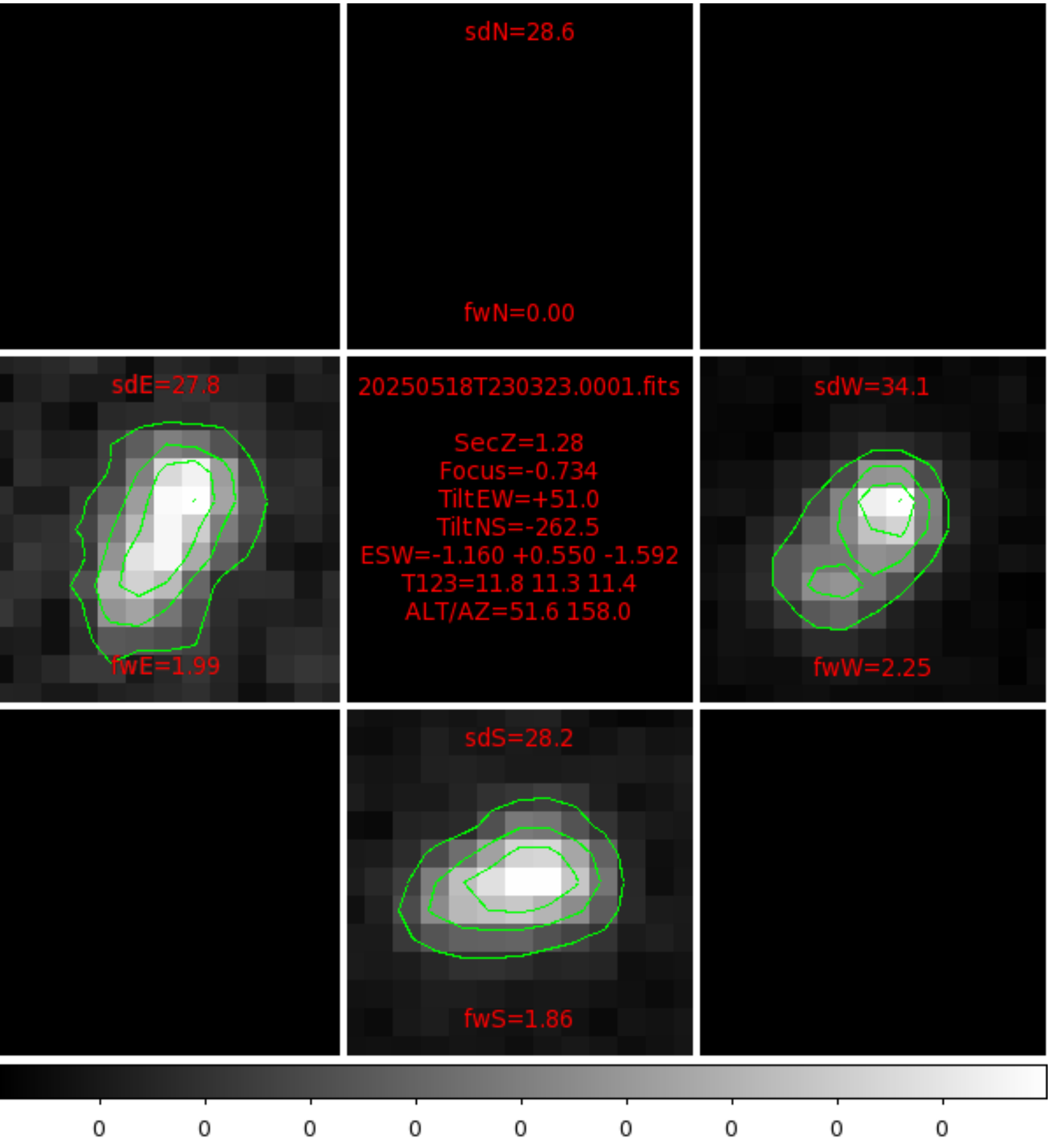

sdN=6.3
fwN=0.00
sdE=6.7
fwE=1.75
20250518T225706.0001.fits
SecZ=1.17
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=11.8 11.2 11.4
ALT/AZ=58.8 73.3
sdW=6.8
fwW=1.96
sdS=6.6
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=41.2
fwN=2.57
sdE=21.3
fwE=2.32
20250518T225900.0001.fits
SecZ=1.02
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=11.8 0.0 11.4
ALT/AZ=77.9 137.2
fwAVG=2.36
sdW=276.8
fwW=2.36
sdS=18.2
fwS=2.19
0 0 0 0 0 0 0 0 0


sdN=35.8
fwN=2.28
sdE=41.5
fwE=2.17
20250518T225927.0001.fits
SecZ=1.02
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=11.8 11.3 11.4
ALT/AZ=78.0 137.6
fwAVG=2.18
sdW=261.4
fwW=2.22
sdS=21.9
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=16.6
fwN=1.87
sdE=18.3
fwE=2.21
20250518T230057.0001.fits
SecZ=1.02
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=11.8 11.3 11.5
ALT/AZ=78.2 138.9
fwAVG=2.09
sdW=26.2
fwW=2.25
sdS=16.8
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=27.9
fwN=2.33
sdE=27.3
fwE=1.96
20250518T230124.0001.fits
SecZ=1.02
Focus=-0.764
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.190 +0.520 -1.622
T123=11.8 11.3 11.4
ALT/AZ=78.3 139.4
fwAVG=2.03
sdW=223.0
fwW=2.05
sdS=28.2
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=28.6
fwN=0.00
sdE=27.8
fwE=1.99
20250518T230323.0001.fits
SecZ=1.28
Focus=-0.734
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.160 +0.550 -1.592
T123=11.8 11.3 11.4
ALT/AZ=51.6 158.0
sdW=34.1
fwW=2.25
sdS=28.2
fwS=1.86
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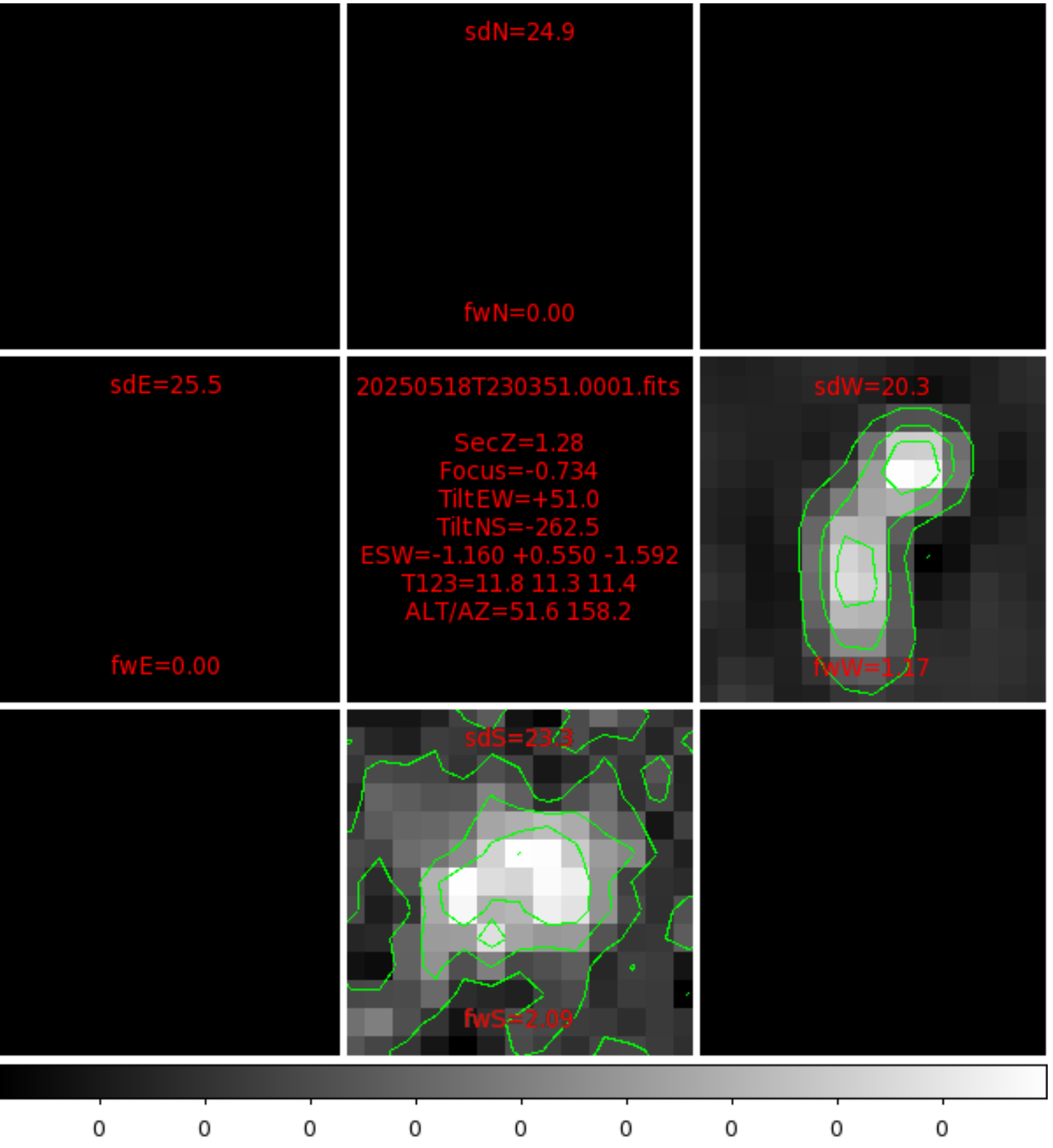
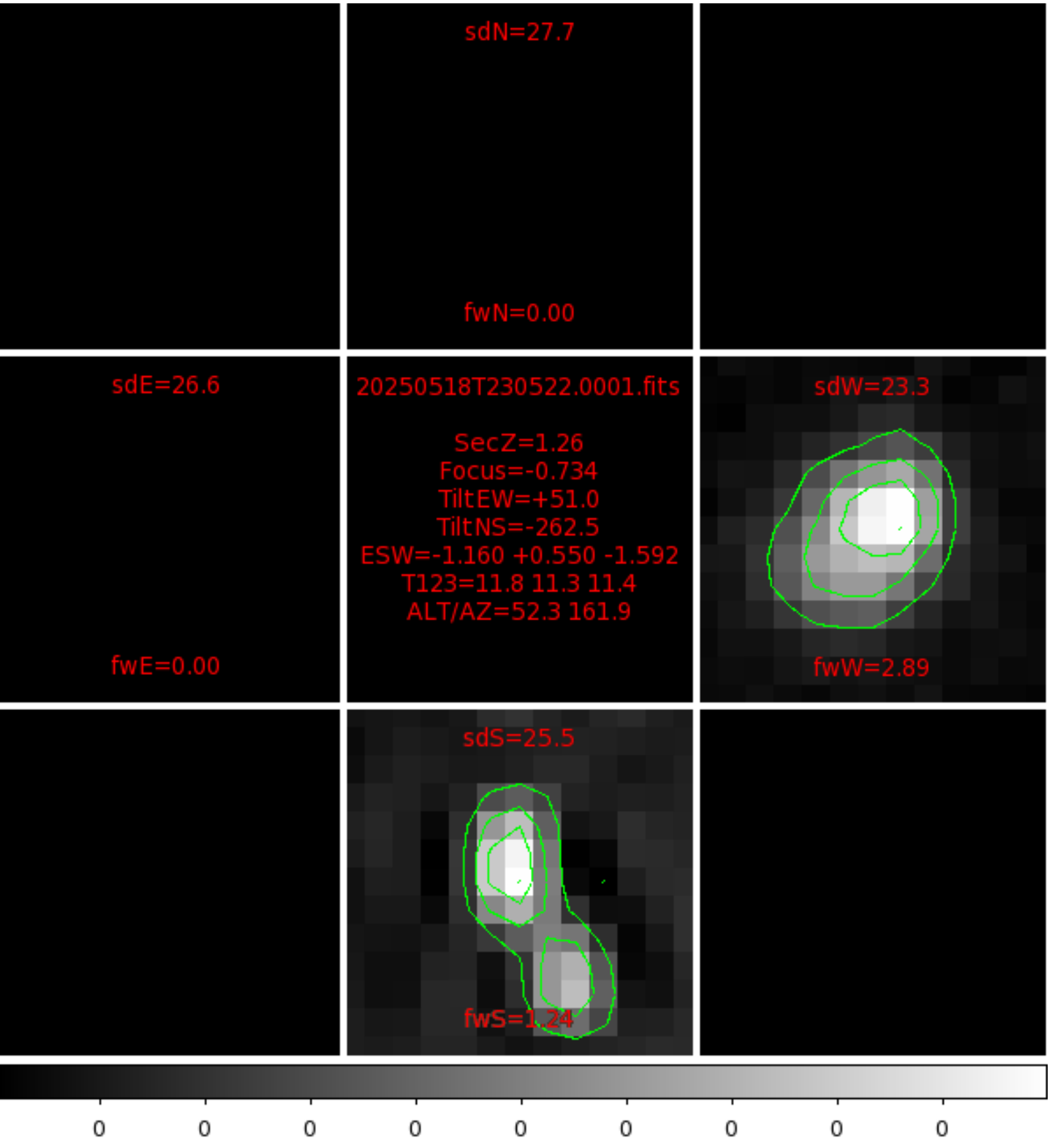
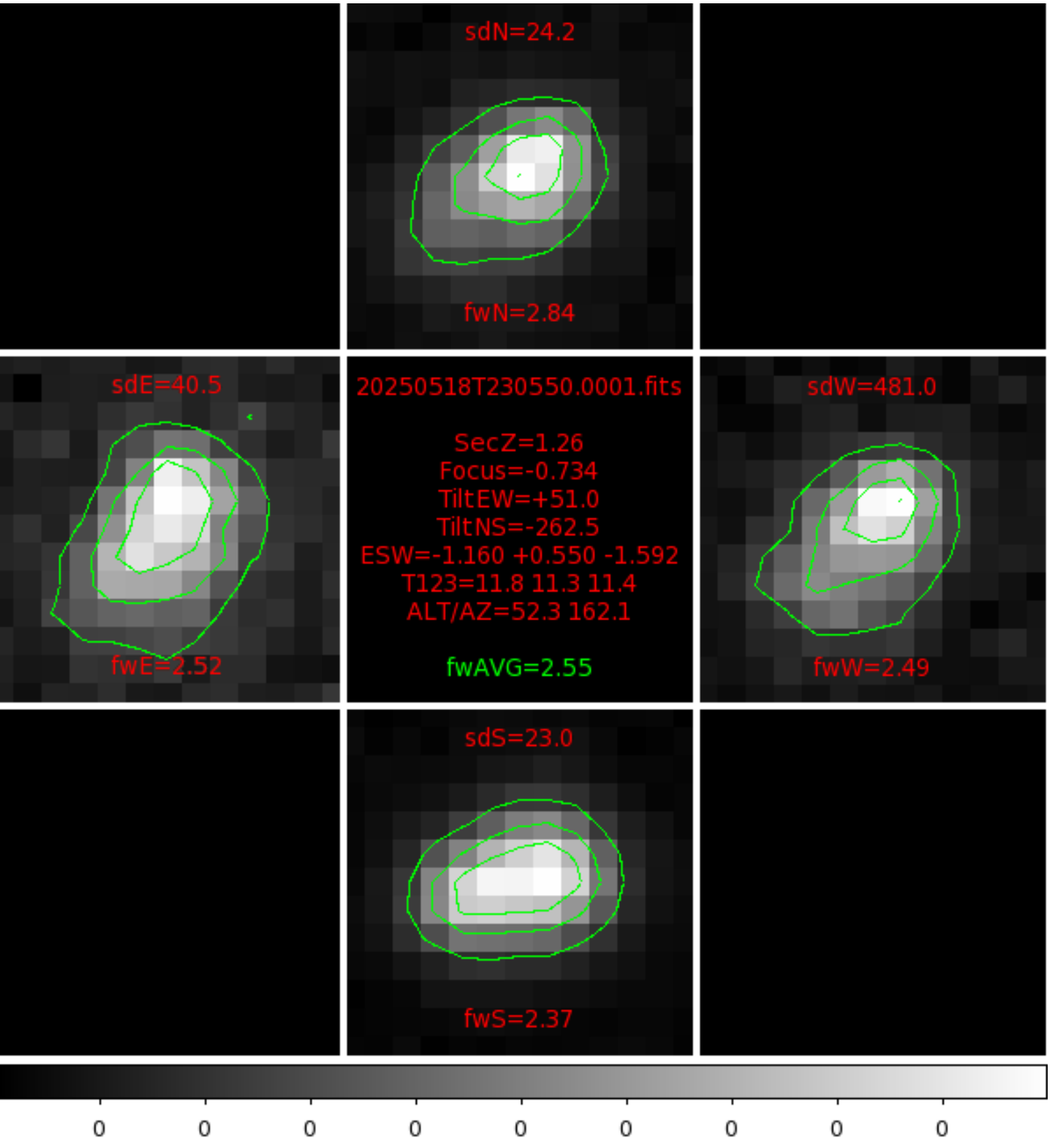
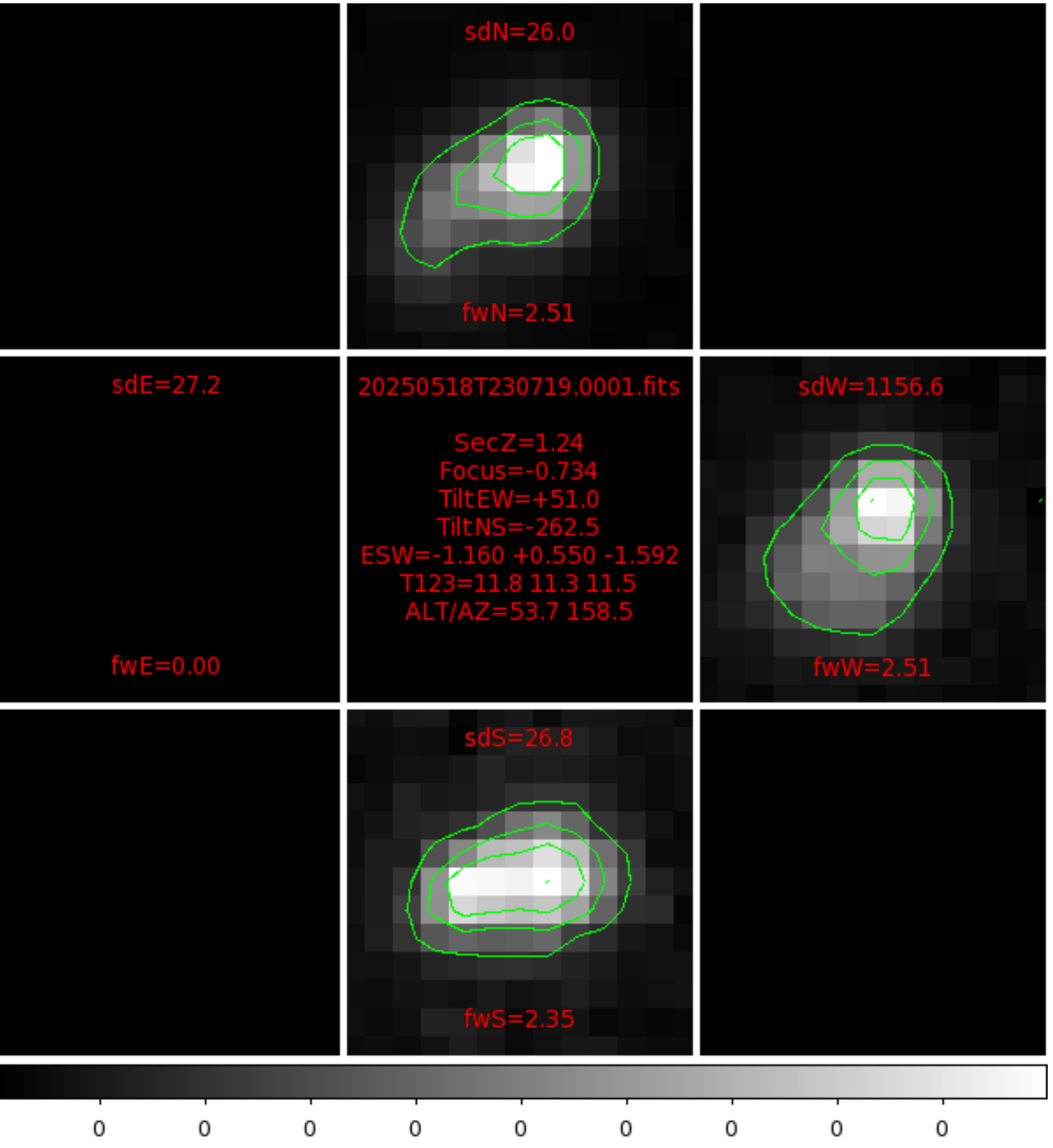

sdN=24.9
fwN=0.00
sdE=25.5
20250518T230351.0001.fits
SecZ=1.28
Focus=-0.734
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.160 +0.550 -1.592
T123=11.8 11.3 11.4
ALT/AZ=51.6 158.2
sdW=20.3
fwE=0.00
fwW=1.17
sdS=23.3
fwS=2.09
0 0 0 0 0 0 0 0 0


sdN=27.7
fwN=0.00
sdE=26.6
fwE=0.00
20250518T230522.0001.fits
SecZ=1.26
Focus=-0.734
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.160 +0.550 -1.592
T123=11.8 11.3 11.4
ALT/AZ=52.3 161.9
sdW=23.3
fwW=2.89
sdS=25.5
fwS=1.24
0 0 0 0 0 0 0 0 0


sdN=24.2
fwN=2.84
sdE=40.5
fwE=2.52
20250518T230550.0001.fits
SecZ=1.26
Focus=-0.734
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.160 +0.550 -1.592
T123=11.8 11.3 11.4
ALT/AZ=52.3 162.1
fwAVG=2.55
sdW=481.0
fwW=2.49
sdS=23.0
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=26.0
fwN=2.51
sdE=27.2
fwE=0.00
20250518T230719.0001.fits
SecZ=1.24
Focus=-0.734
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.160 +0.550 -1.592
T123=11.8 11.3 11.5
ALT/AZ=53.7 158.5
sdW=1156.6
fwW=2.51
sdS=26.8
fwS=2.35
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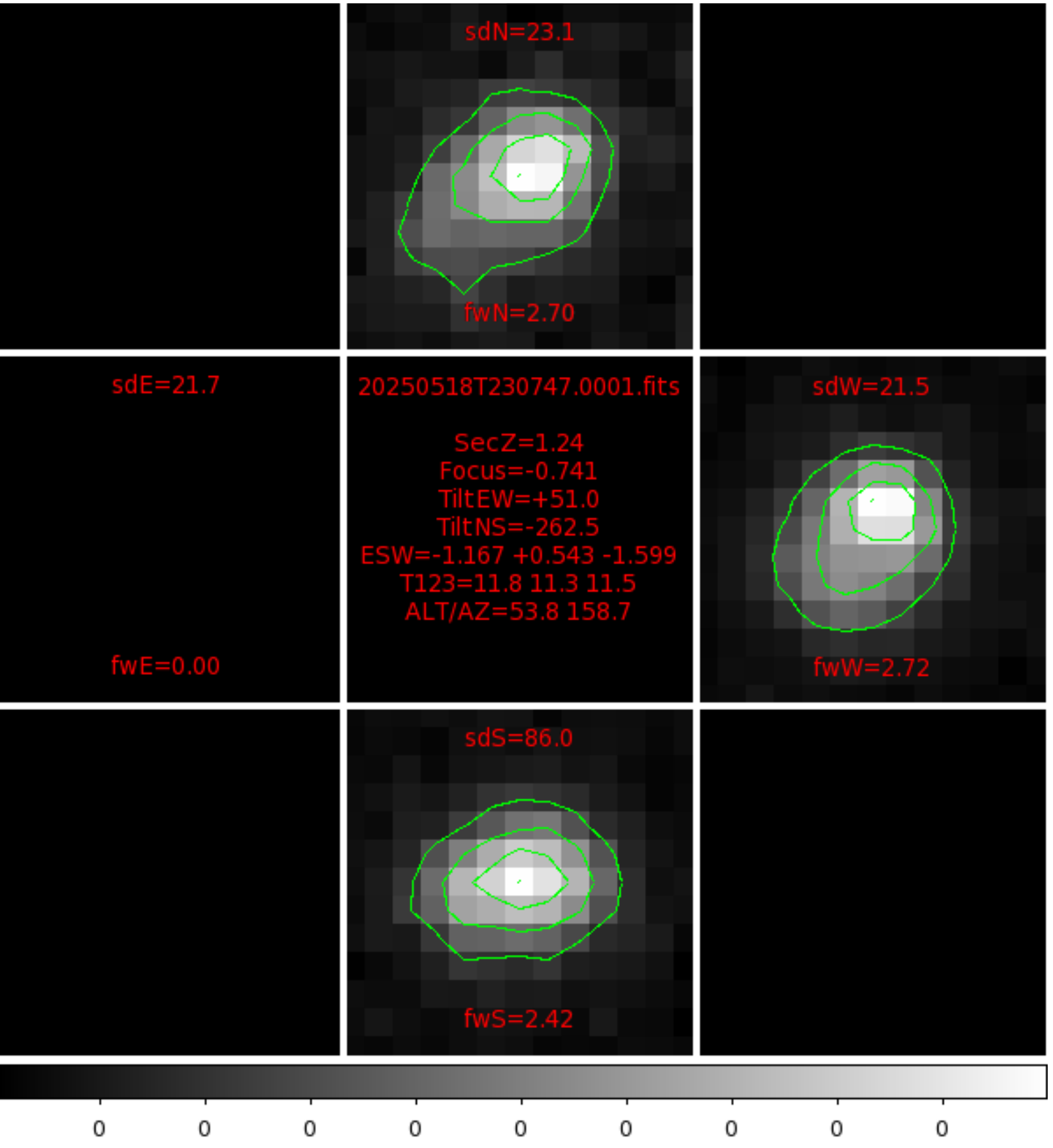
sdN=23.1
fwN=2.70
sdE=21.7
fwE=0.00
20250518T230747.0001.fits
SecZ=1.24
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.8 11.3 11.5
ALT/AZ=53.8 158.7
sdW=21.5
fwW=2.72
sdS=86.0
fwS=2.42
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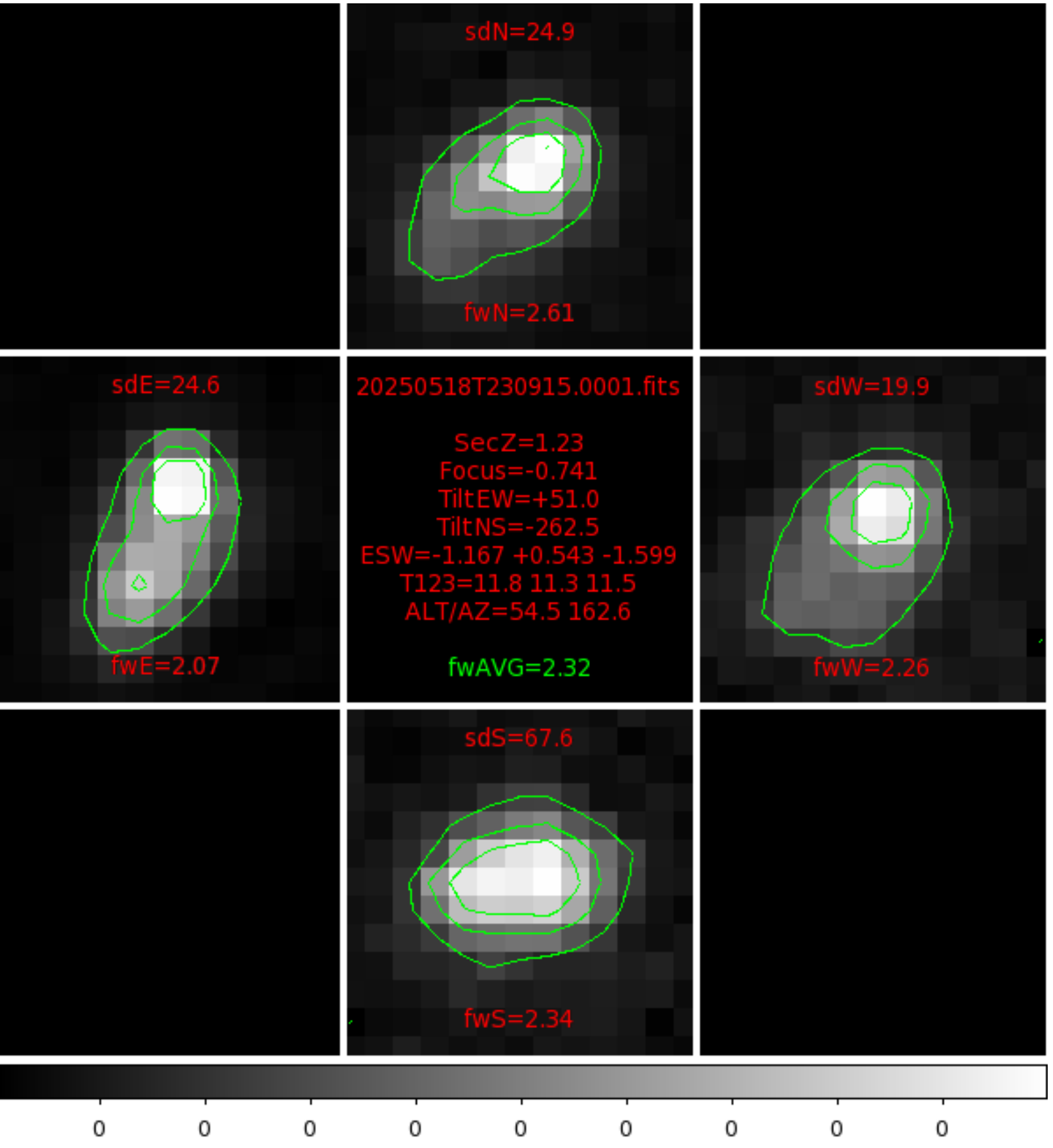
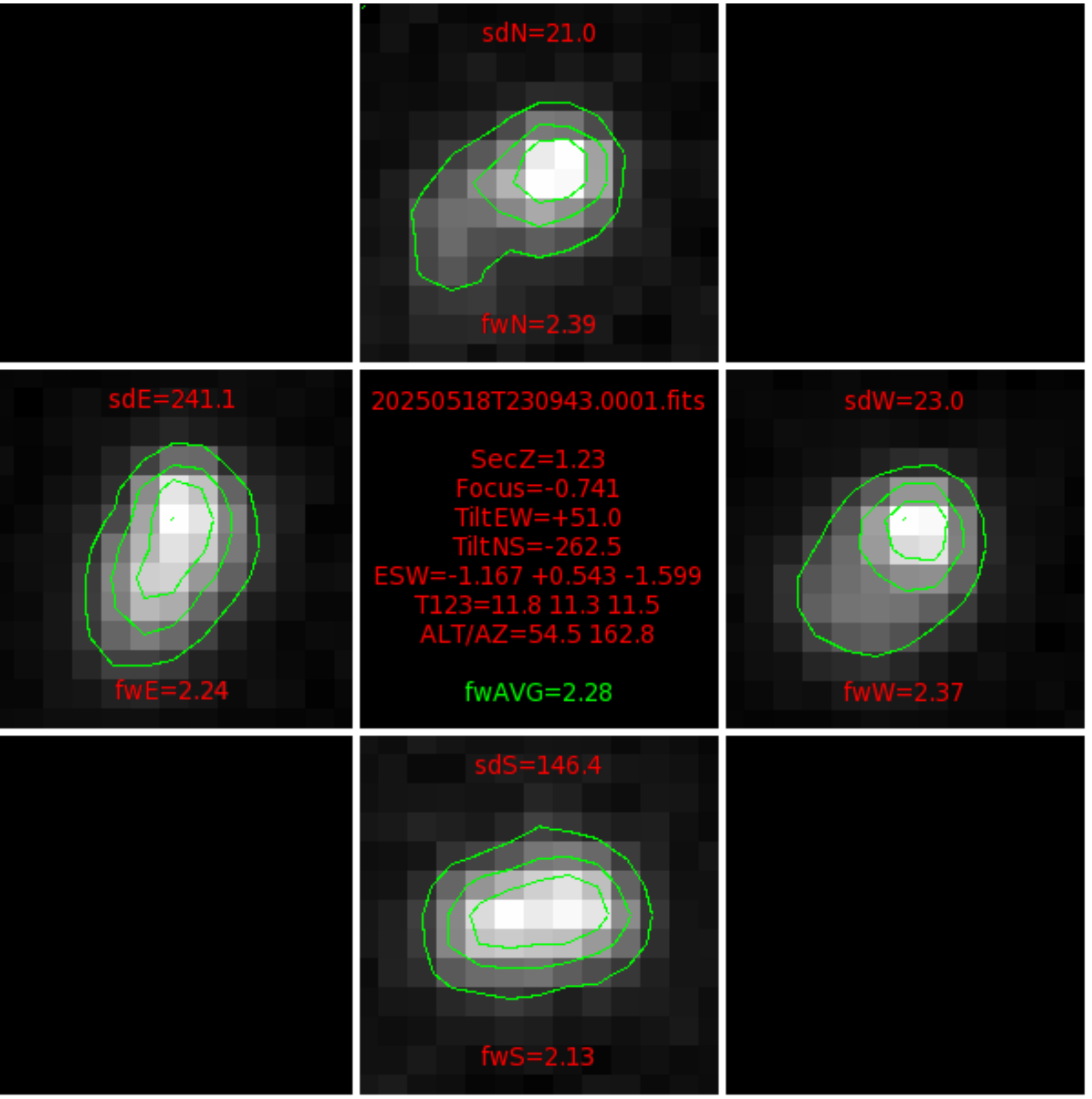
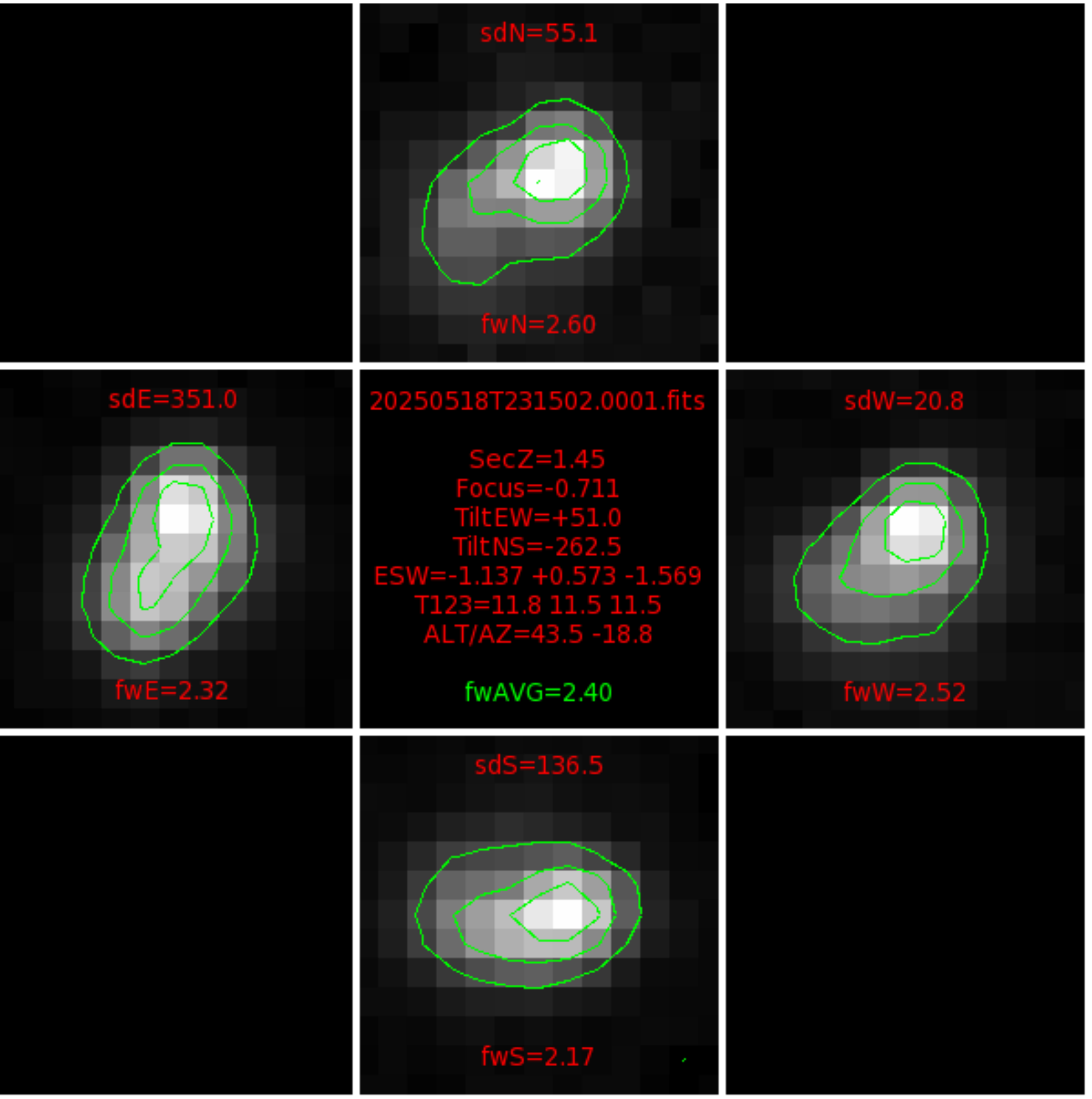

sdN=24.9
fwN=2.61
sdE=24.6
fwE=2.07
20250518T230915.0001.fits
SecZ=1.23
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.8 11.3 11.5
ALT/AZ=54.5 162.6
fwAVG=2.32
sdW=19.9
fwW=2.26
sdS=67.6
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=21.0
fwN=2.39
sdE=241.1
fwE=2.24
20250518T230943.0001.fits
SecZ=1.23
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.8 11.3 11.5
ALT/AZ=54.5 162.8
fwAVG=2.28
sdW=23.0
fwW=2.37
sdS=146.4
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=55.1
fwN=2.60
sdE=351.0
fwE=2.32
20250518T231502.0001.fits
SecZ=1.45
Focus=-0.711
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.137 +0.573 -1.569
T123=11.8 11.5 11.5
ALT/AZ=43.5 -18.8
fwAVG=2.40
sdW=20.8
fwW=2.52
sdS=136.5
fwS=2.17
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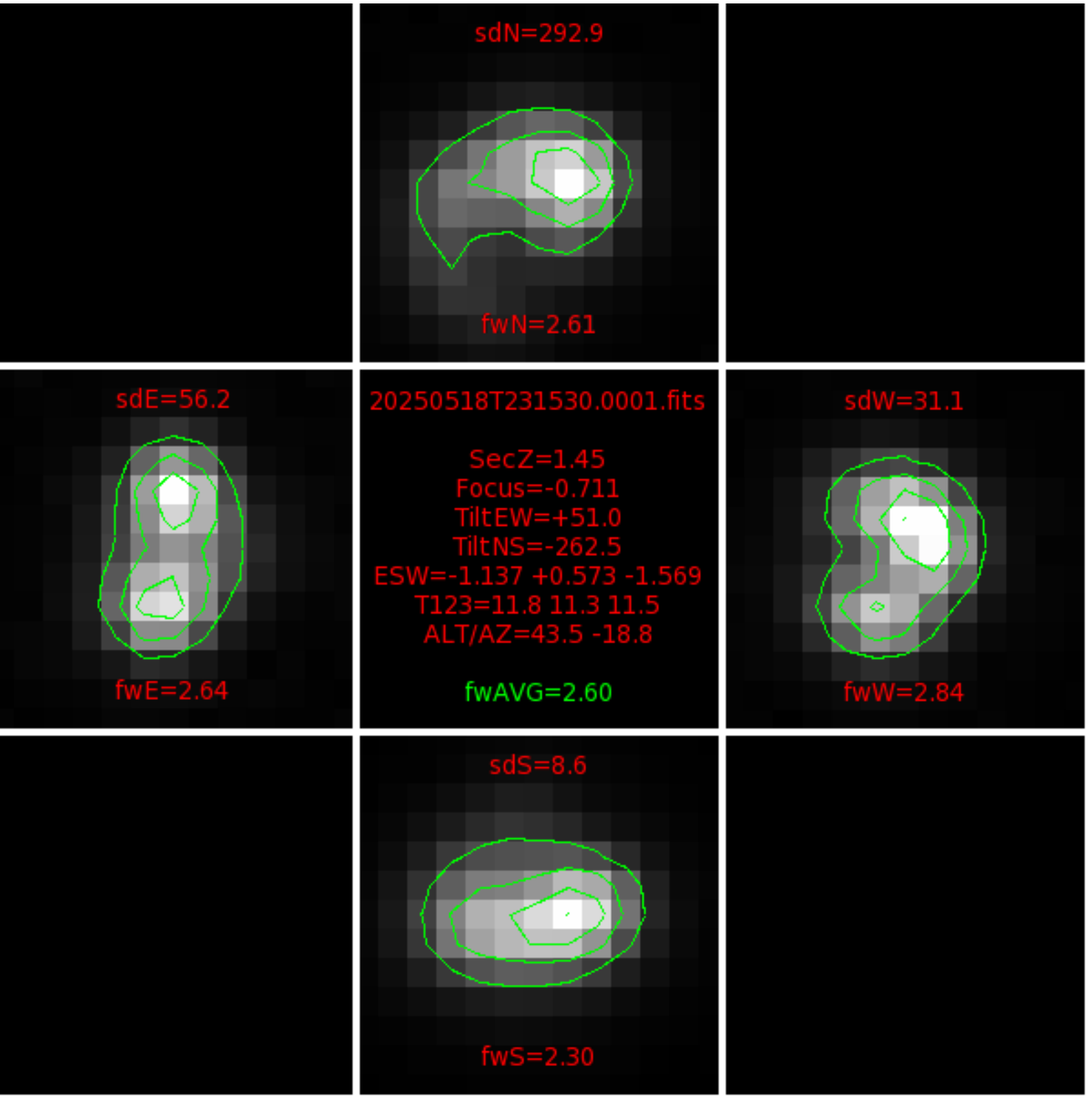
sdN=292.9
fwN=2.61
sdE=56.2
fwE=2.64
20250518T231530.0001.fits
SecZ=1.45
Focus=-0.711
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.137 +0.573 -1.569
T123=11.8 11.3 11.5
ALT/AZ=43.5 -18.8
fwAVG=2.60
sdW=31.1
fwW=2.84
sdS=8.6
fwS=2.30
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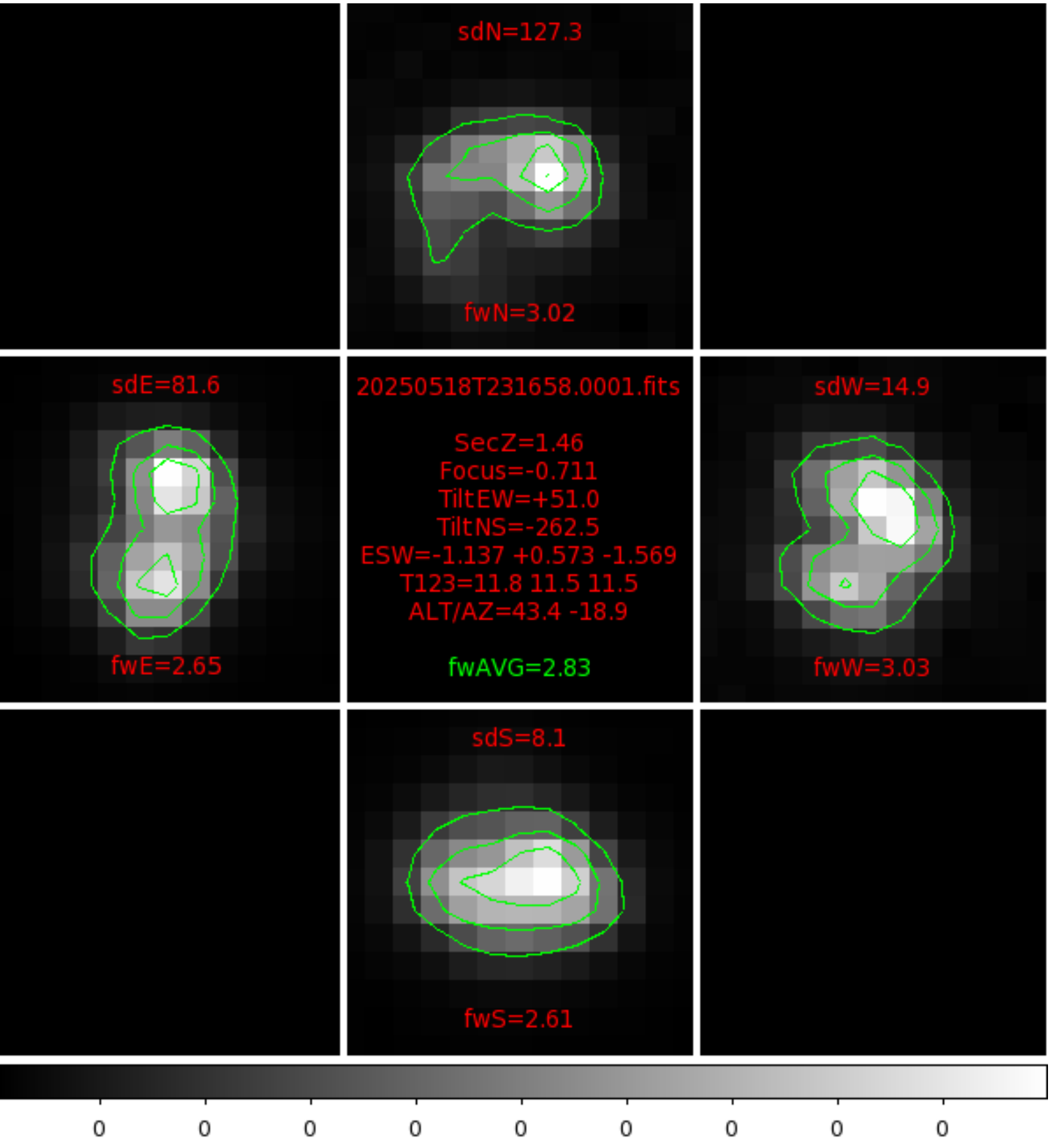
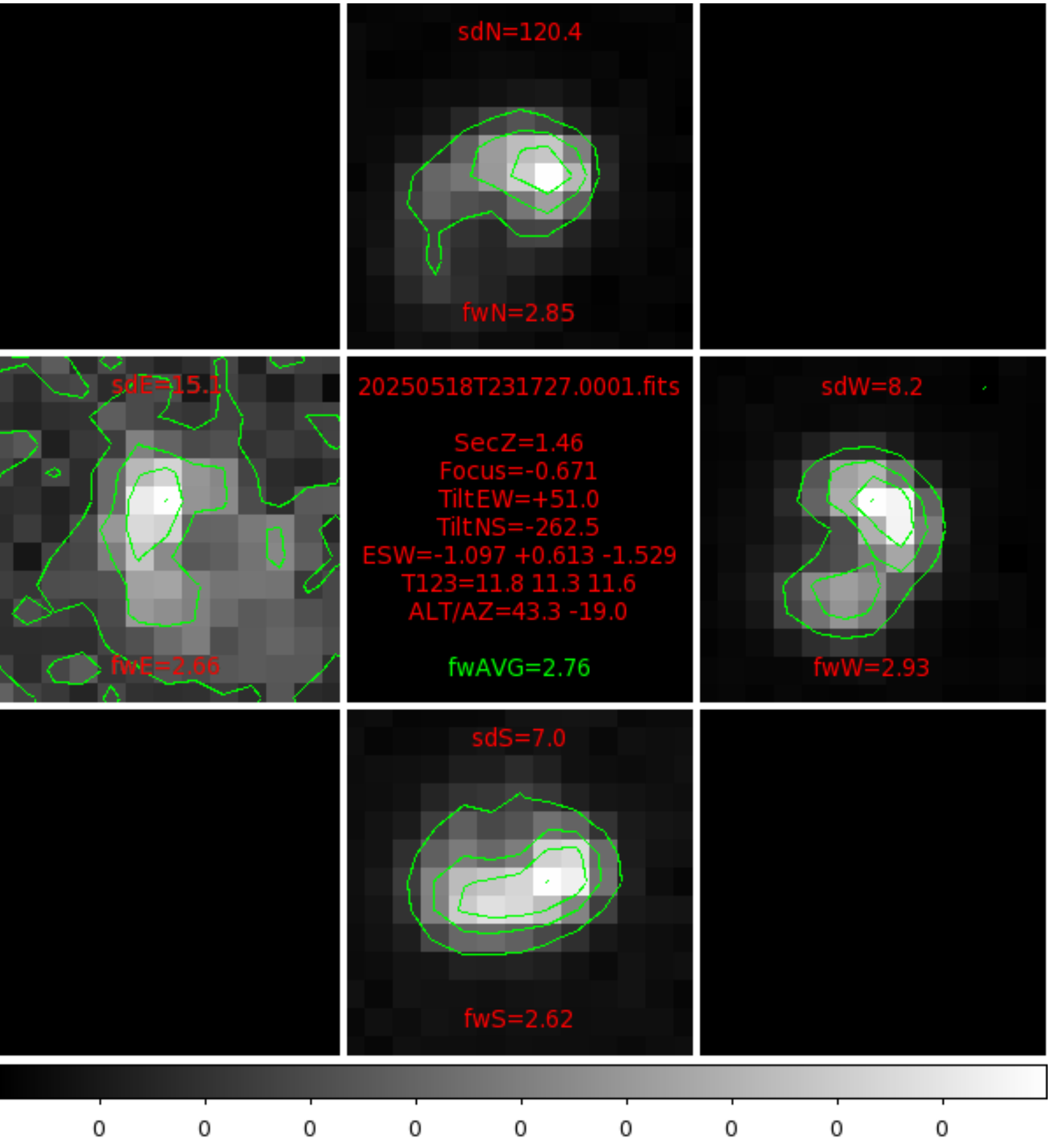

sdN=127.3
fwN=3.02
sdE=81.6
fwE=2.65
20250518T231658.0001.fits
SecZ=1.46
Focus=-0.711
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.137 +0.573 -1.569
T123=11.8 11.5 11.5
ALT/AZ=43.4 -18.9
fwAVG=2.83
sdW=14.9
fwW=3.03
sdS=8.1
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=120.4
fwN=2.85
sdE=15.1
fwE=2.66
20250518T231727.0001.fits
SecZ=1.46
Focus=-0.671
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.097 +0.613 -1.529
T123=11.8 11.3 11.6
ALT/AZ=43.3 -19.0
fwAVG=2.76
sdW=8.2
fwW=2.93
sdS=7.0
fwS=2.62
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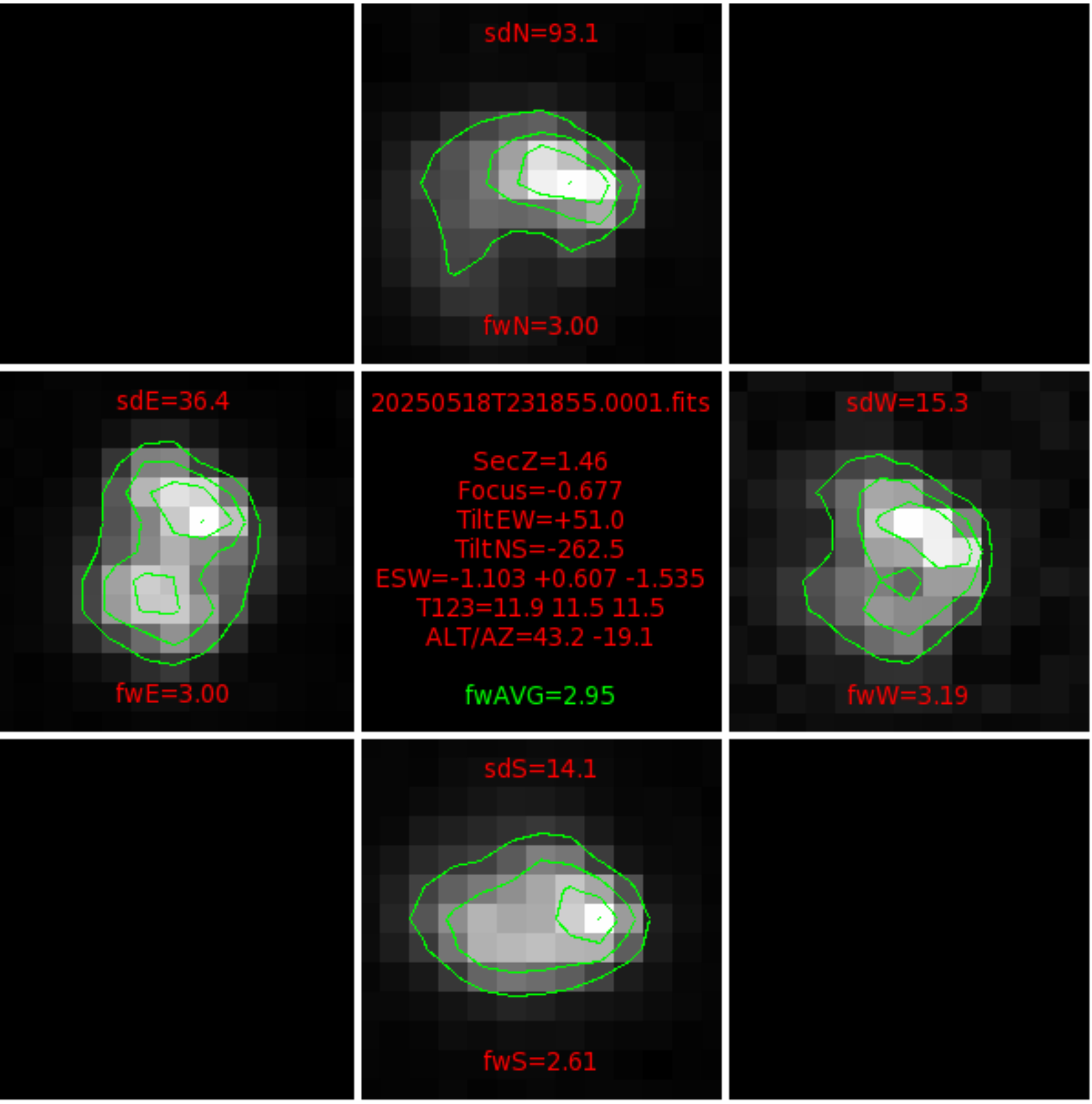
sdN=93.1
fwN=3.00
sdE=36.4
fwE=3.00
20250518T231855.0001.fits
SecZ=1.46
Focus=-0.677
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.103 +0.607 -1.535
T123=11.9 11.5 11.5
ALT/AZ=43.2 -19.1
fwAVG=2.95
sdW=15.3
fwW=3.19
sdS=14.1
fwS=2.61
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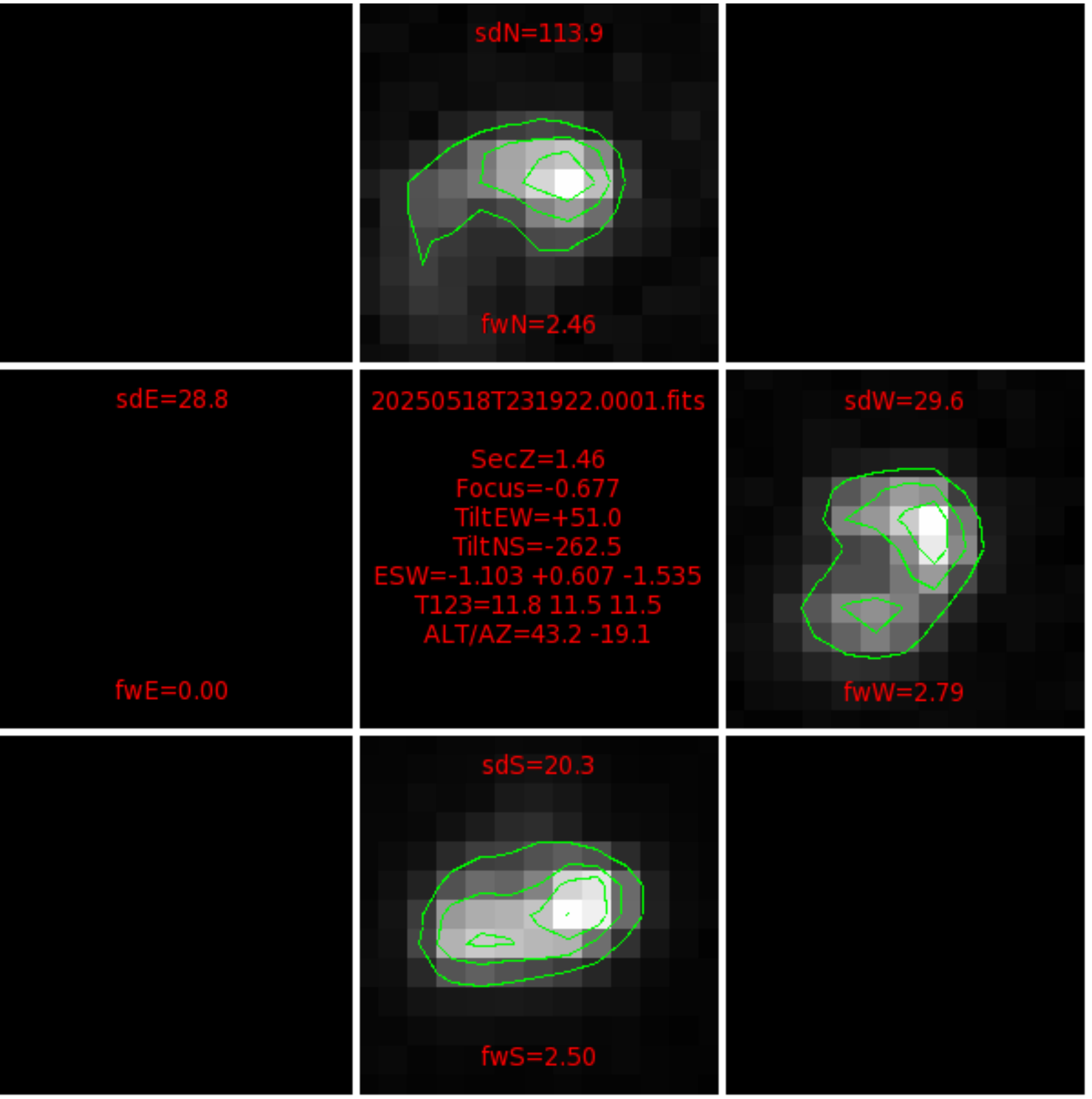
sdN=113.9
fwN=2.46
sdE=28.8
fwE=0.00
20250518T231922.0001.fits
SecZ=1.46
Focus=-0.677
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.103 +0.607 -1.535
T123=11.8 11.5 11.5
ALT/AZ=43.2 -19.1
sdW=29.6
fwW=2.79
sdS=20.3
fwS=2.50
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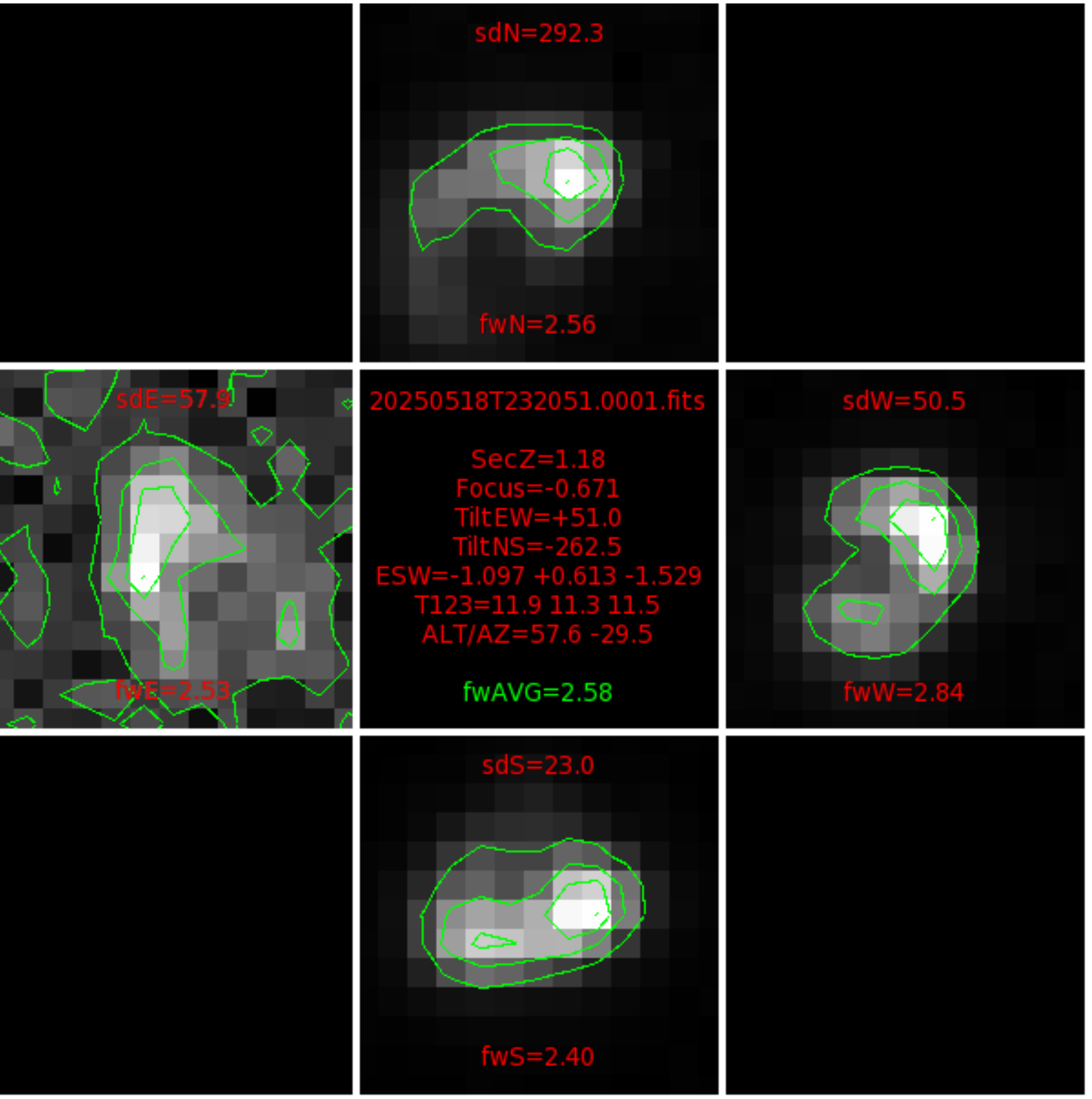
sdN=292.3
fwN=2.56
sdE=57.9
fwE=2.53
20250518T232051.0001.fits
SecZ=1.18
Focus=-0.671
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.097 +0.613 -1.529
T123=11.9 11.3 11.5
ALT/AZ=57.6 -29.5
fwAVG=2.58
sdW=50.5
fwW=2.84
sdS=23.0
fwS=2.40
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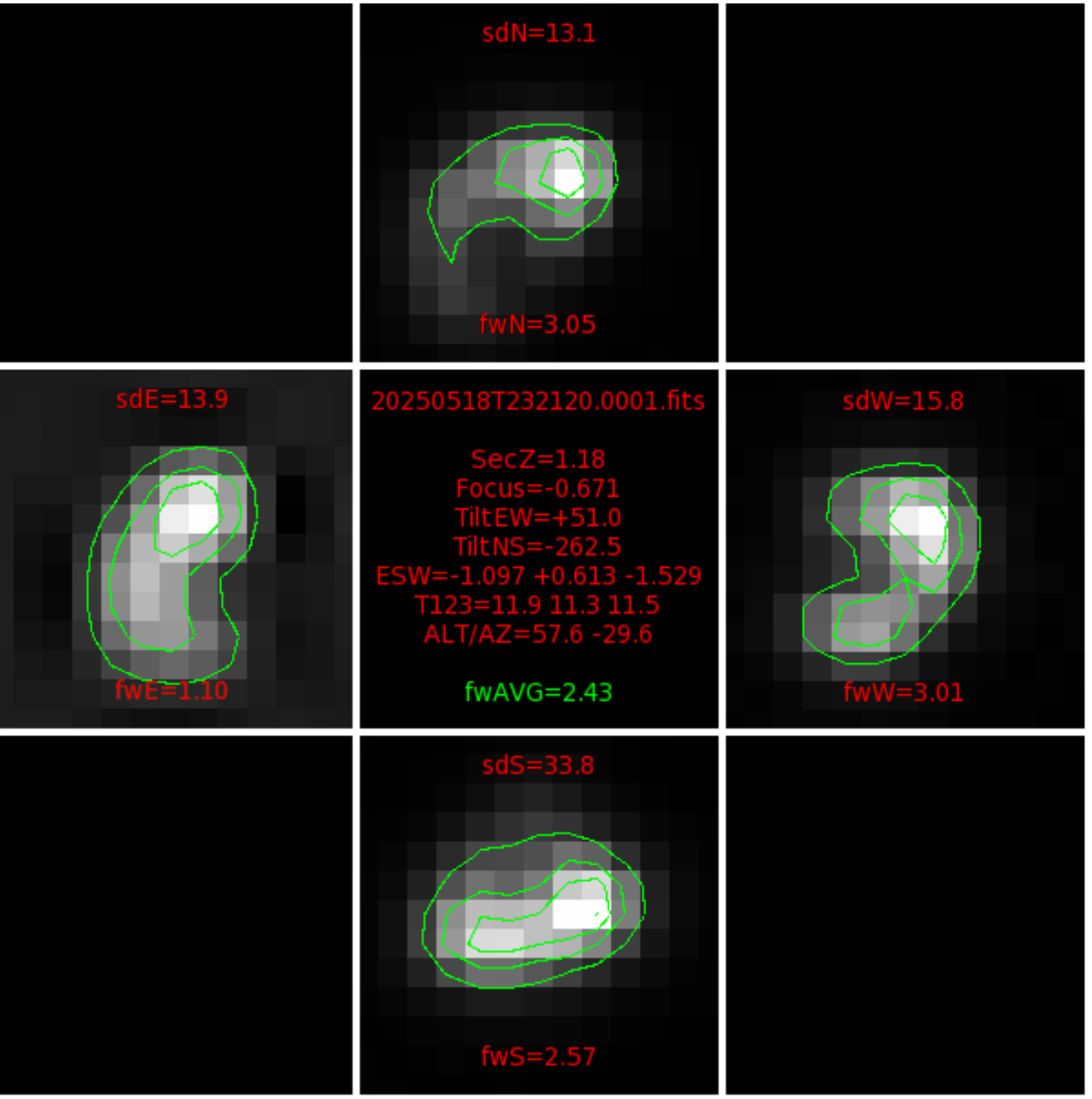
sdN=13.1
fwN=3.05
sdE=13.9
fwE=1.10
20250518T232120.0001.fits
SecZ=1.18
Focus=-0.671
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.097 +0.613 -1.529
T123=11.9 11.3 11.5
ALT/AZ=57.6 -29.6
fwAVG=2.43
sdW=15.8
fwW=3.01
sdS=33.8
fwS=2.57
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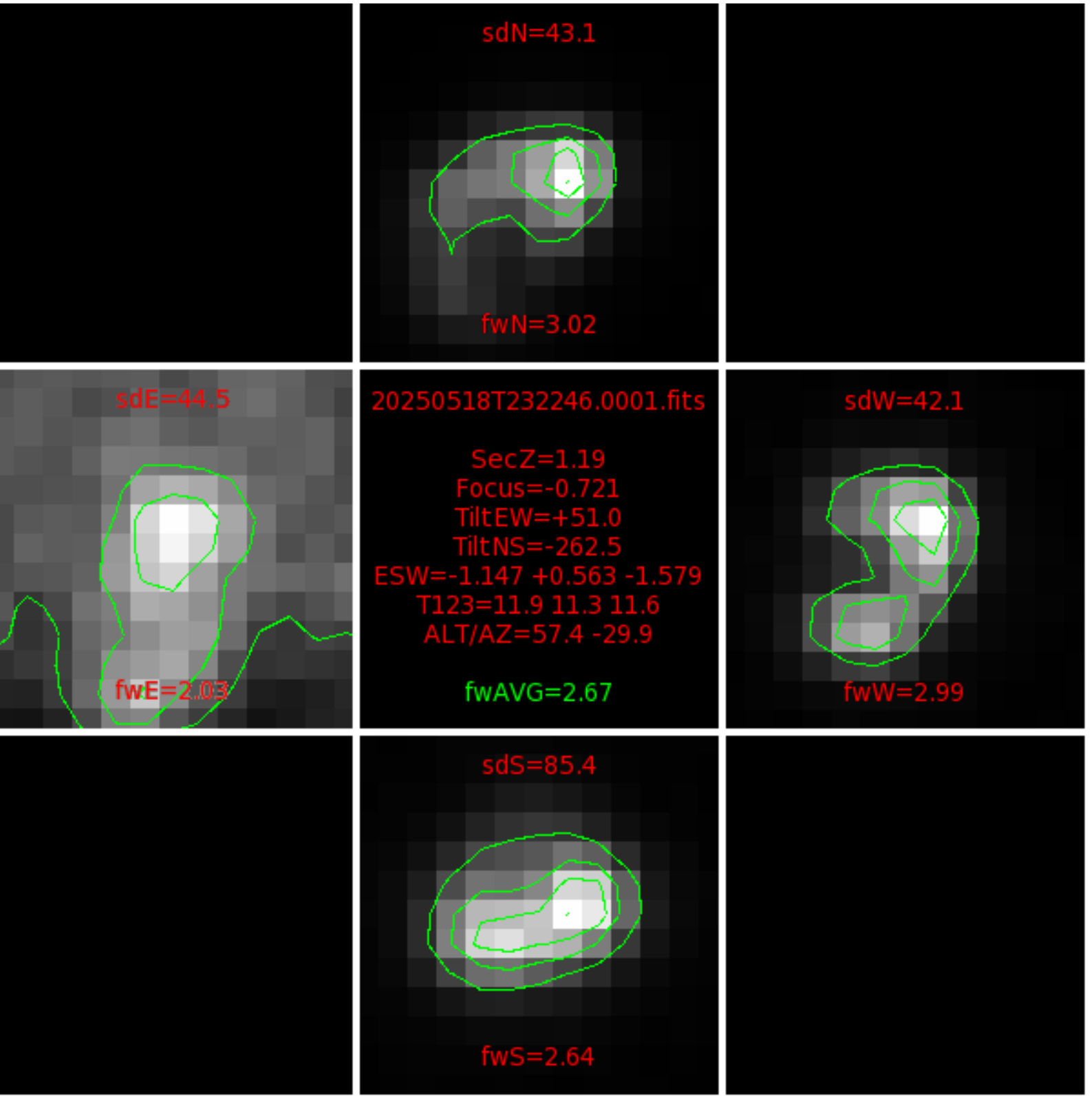
sdN=43.1
fwN=3.02
sdE=44.5
fwE=2.03
20250518T232246.0001.fits
SecZ=1.19
Focus=-0.721
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.147 +0.563 -1.579
T123=11.9 11.3 11.6
ALT/AZ=57.4 -29.9
fwAVG=2.67
sdW=42.1
fwW=2.99
sdS=85.4
fwS=2.64
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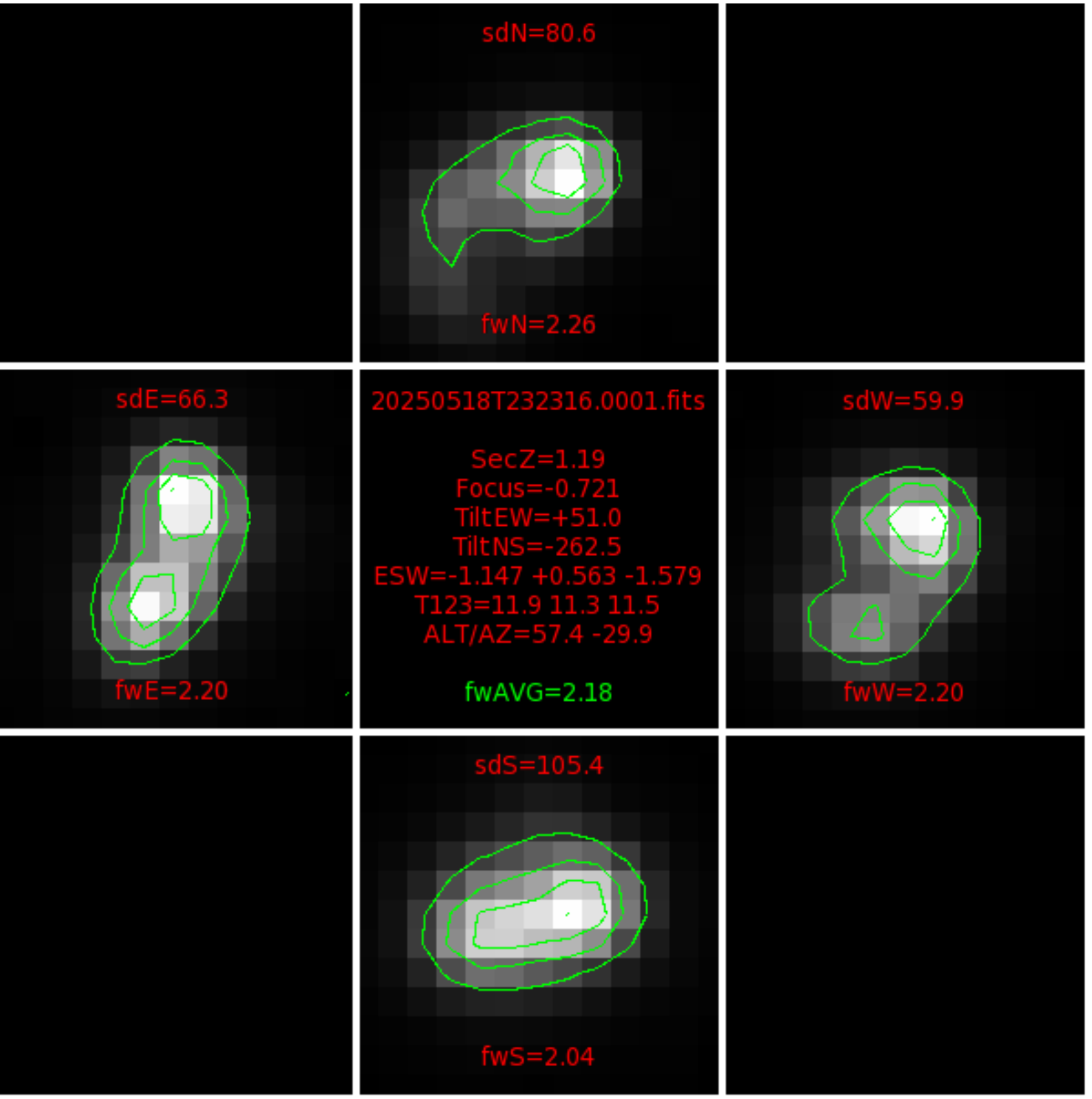
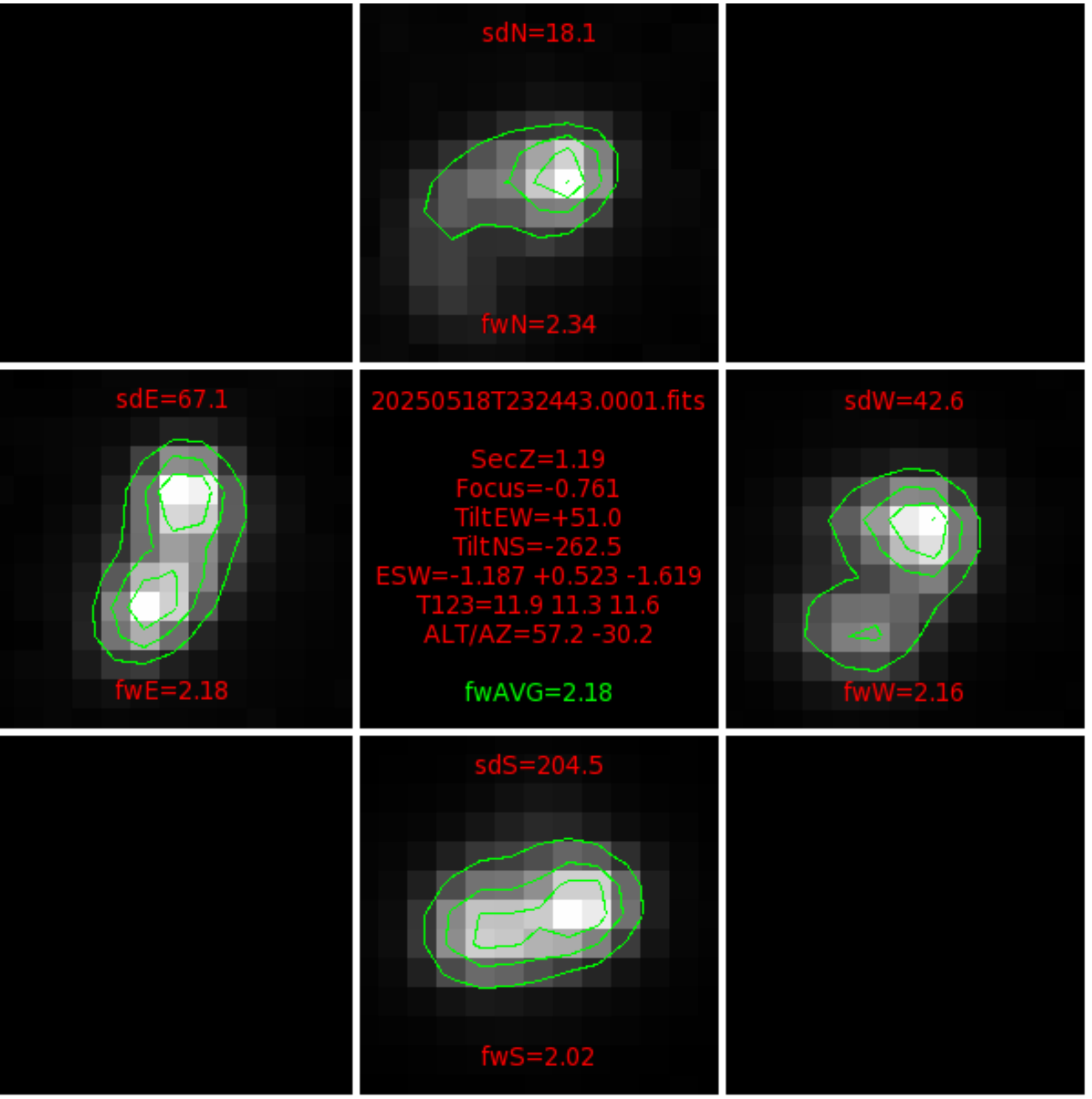
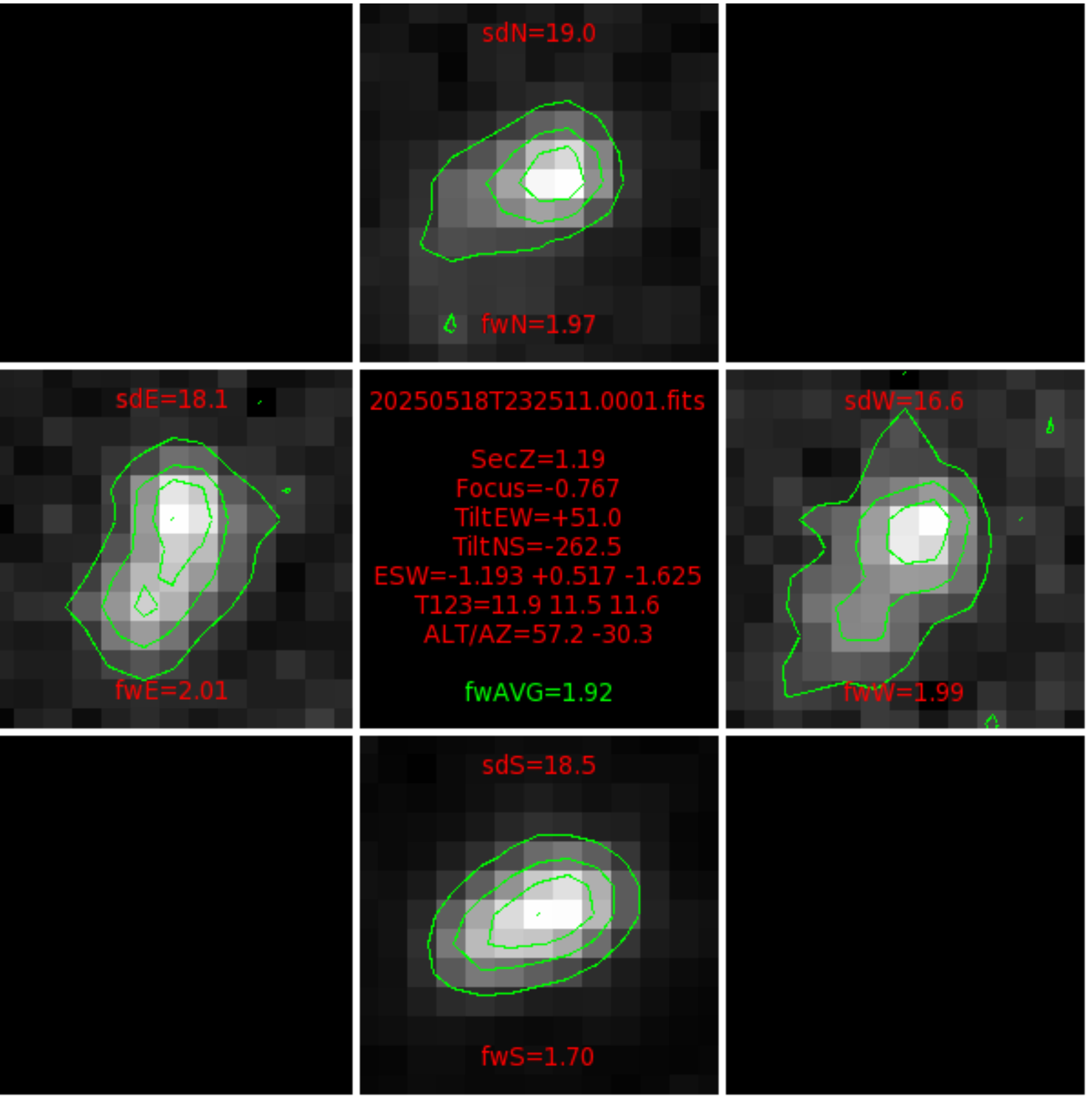
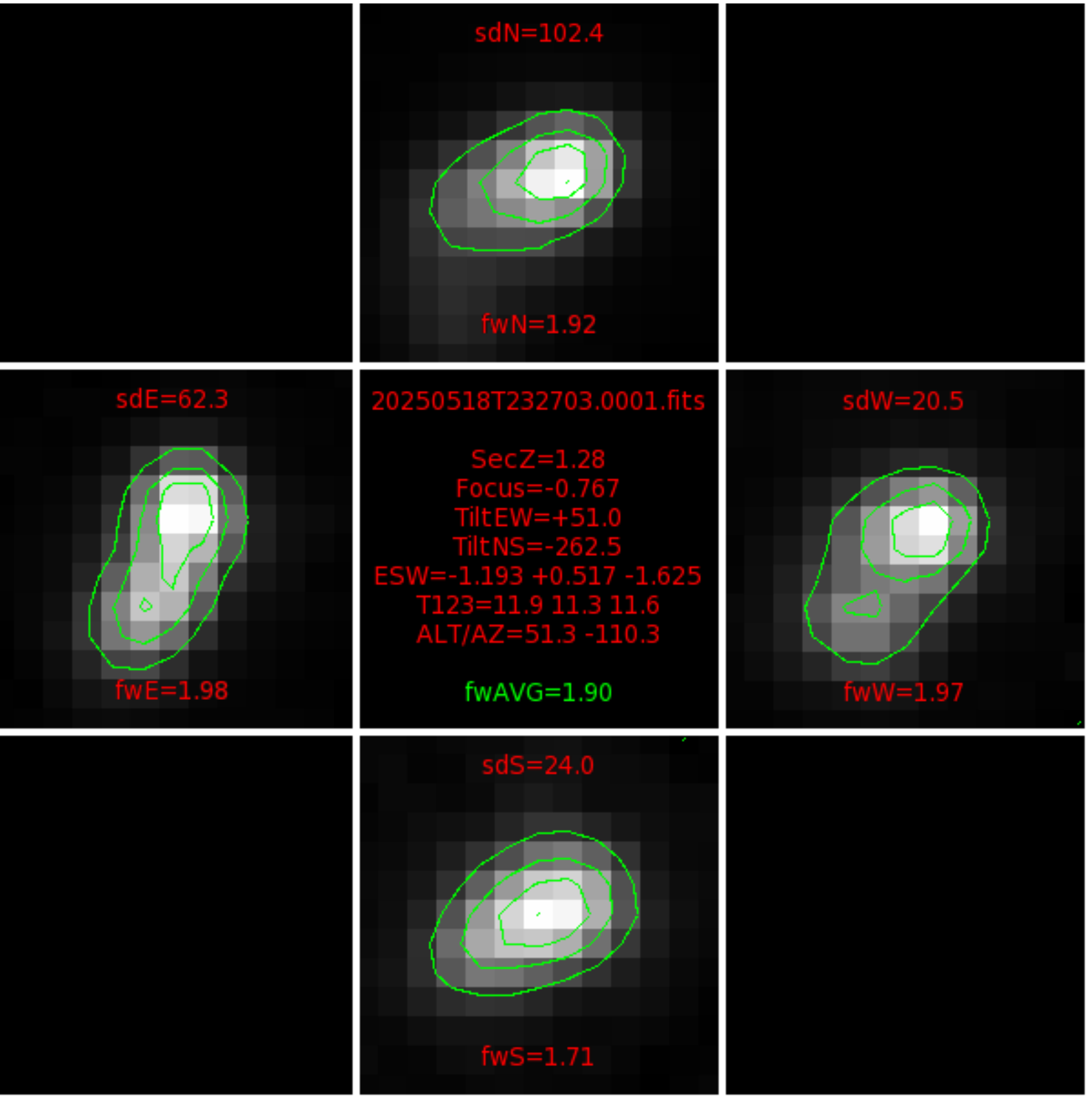
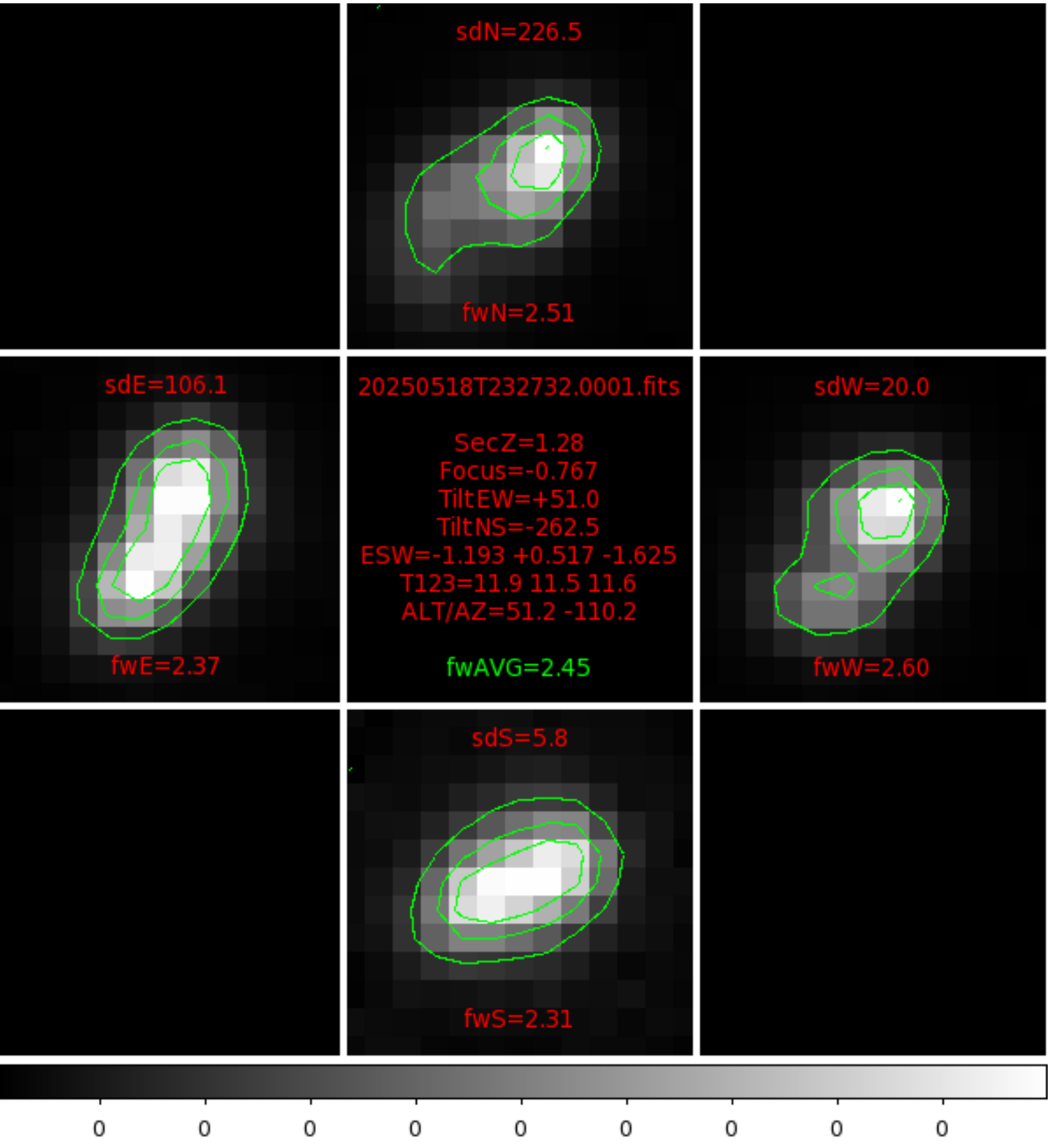
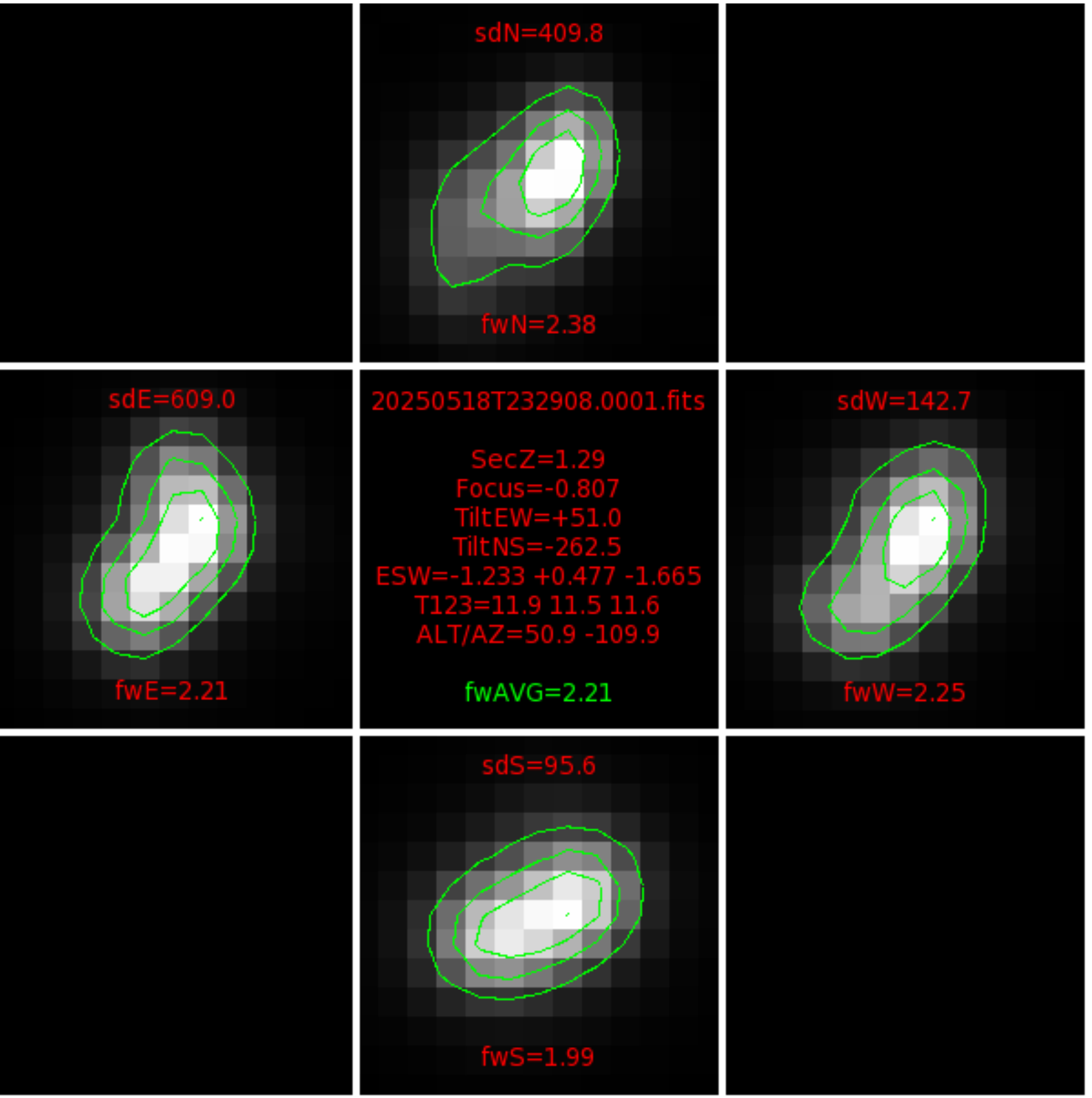

sdN=80.6
fwN=2.26
sdE=66.3
fwE=2.20
20250518T232316.0001.fits
SecZ=1.19
Focus=-0.721
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.147 +0.563 -1.579
T123=11.9 11.3 11.5
ALT/AZ=57.4 -29.9
fwAVG=2.18
sdW=59.9
fwW=2.20
sdS=105.4
fwS=2.04
0 0 0 0 0 0 0 0 0


sdN=18.1
fwN=2.34
sdE=67.1
fwE=2.18
20250518T232443.0001.fits
SecZ=1.19
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.9 11.3 11.6
ALT/AZ=57.2 -30.2
fwAVG=2.18
sdW=42.6
fwW=2.16
sdS=204.5
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=19.0
fwN=1.97
sdE=18.1
fwE=2.01
20250518T232511.0001.fits
SecZ=1.19
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.9 11.5 11.6
ALT/AZ=57.2 -30.3
fwAVG=1.92
sdW=16.6
fwW=1.99
sdS=18.5
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=102.4
fwN=1.92
sdE=62.3
fwE=1.98
20250518T232703.0001.fits
SecZ=1.28
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.9 11.3 11.6
ALT/AZ=51.3 -110.3
fwAVG=1.90
sdW=20.5
fwW=1.97
sdS=24.0
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=226.5
fwN=2.51
sdE=106.1
fwE=2.37
20250518T232732.0001.fits
SecZ=1.28
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.9 11.5 11.6
ALT/AZ=51.2 -110.2
fwAVG=2.45
sdW=20.0
fwW=2.60
sdS=5.8
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=409.8
fwN=2.38
sdE=609.0
fwE=2.21
20250518T232908.0001.fits
SecZ=1.29
Focus=-0.807
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.233 +0.477 -1.665
T123=11.9 11.5 11.6
ALT/AZ=50.9 -109.9
fwAVG=2.21
sdW=142.7
fwW=2.25
sdS=95.6
fwS=1.99
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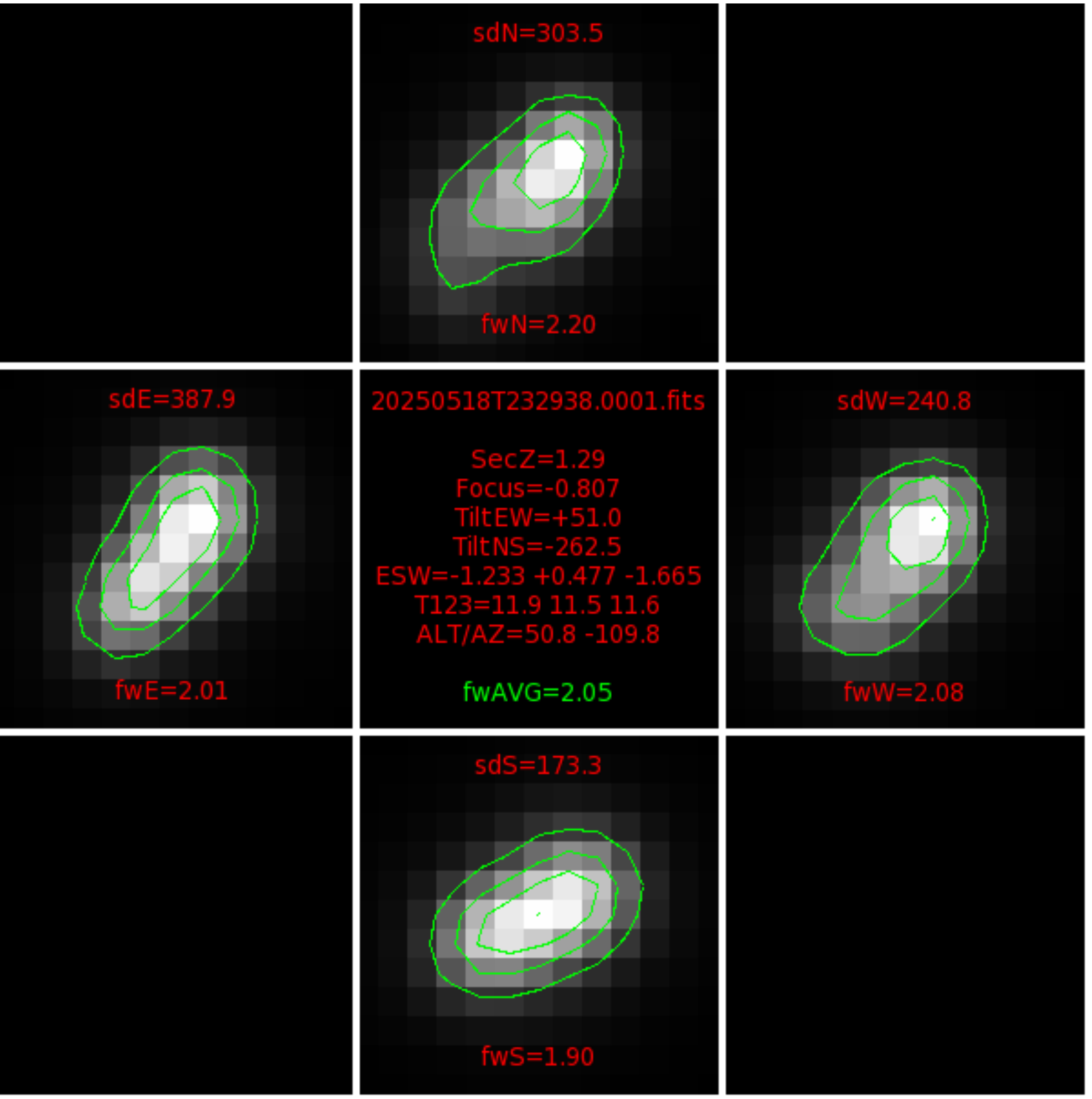
sdN=303.5
fwN=2.20
sdE=387.9
fwE=2.01
20250518T232938.0001.fits
SecZ=1.29
Focus=-0.807
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.233 +0.477 -1.665
T123=11.9 11.5 11.6
ALT/AZ=50.8 -109.8
fwAVG=2.05
sdW=240.8
fwW=2.08
sdS=173.3
fwS=1.90
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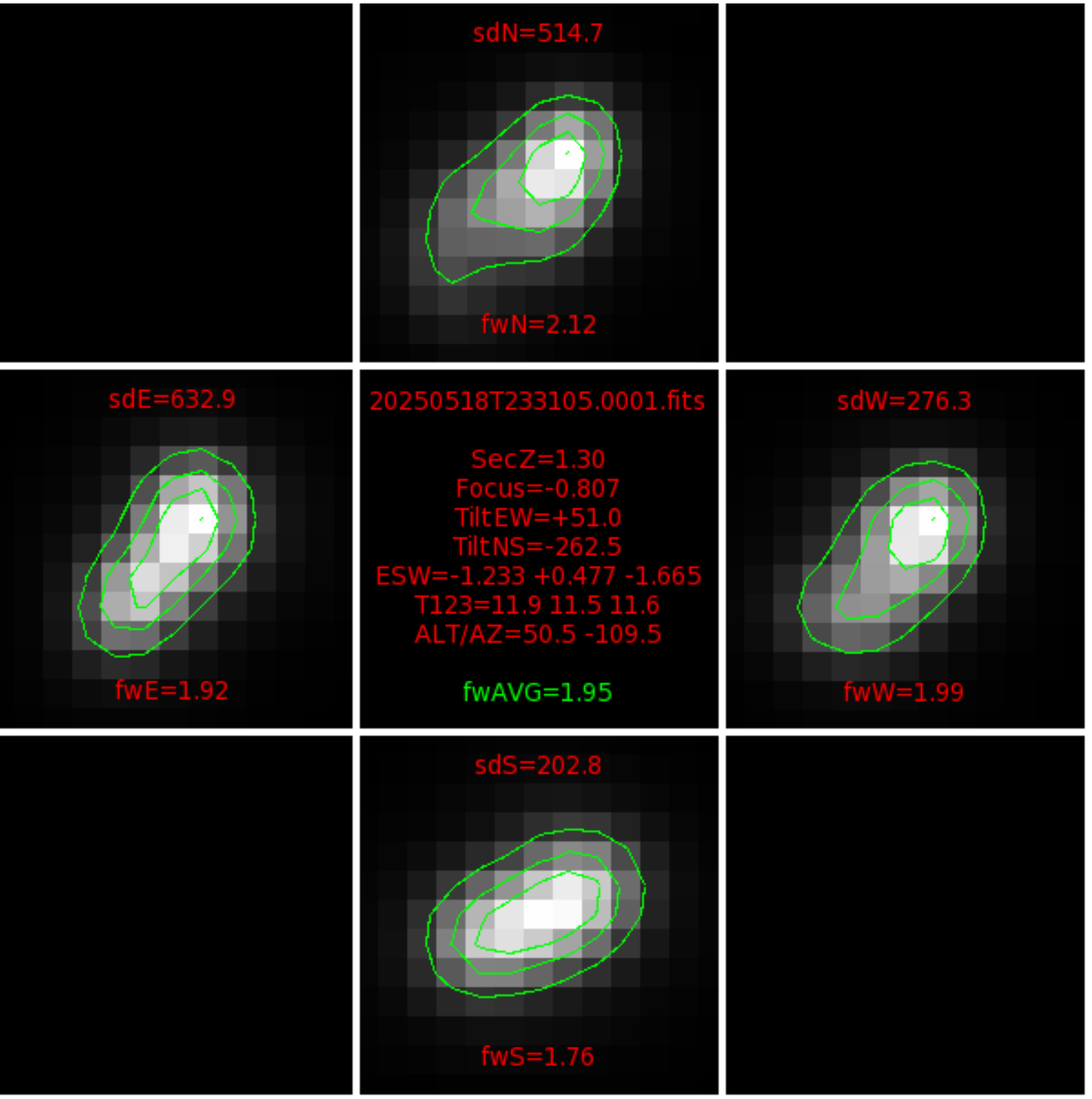
sdN=514.7
fwN=2.12
sdE=632.9
fwE=1.92
20250518T233105.0001.fits
SecZ=1.30
Focus=-0.807
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.233 +0.477 -1.665
T123=11.9 11.5 11.6
ALT/AZ=50.5 -109.5
fwAVG=1.95
sdW=276.3
fwW=1.99
sdS=202.8
fwS=1.76
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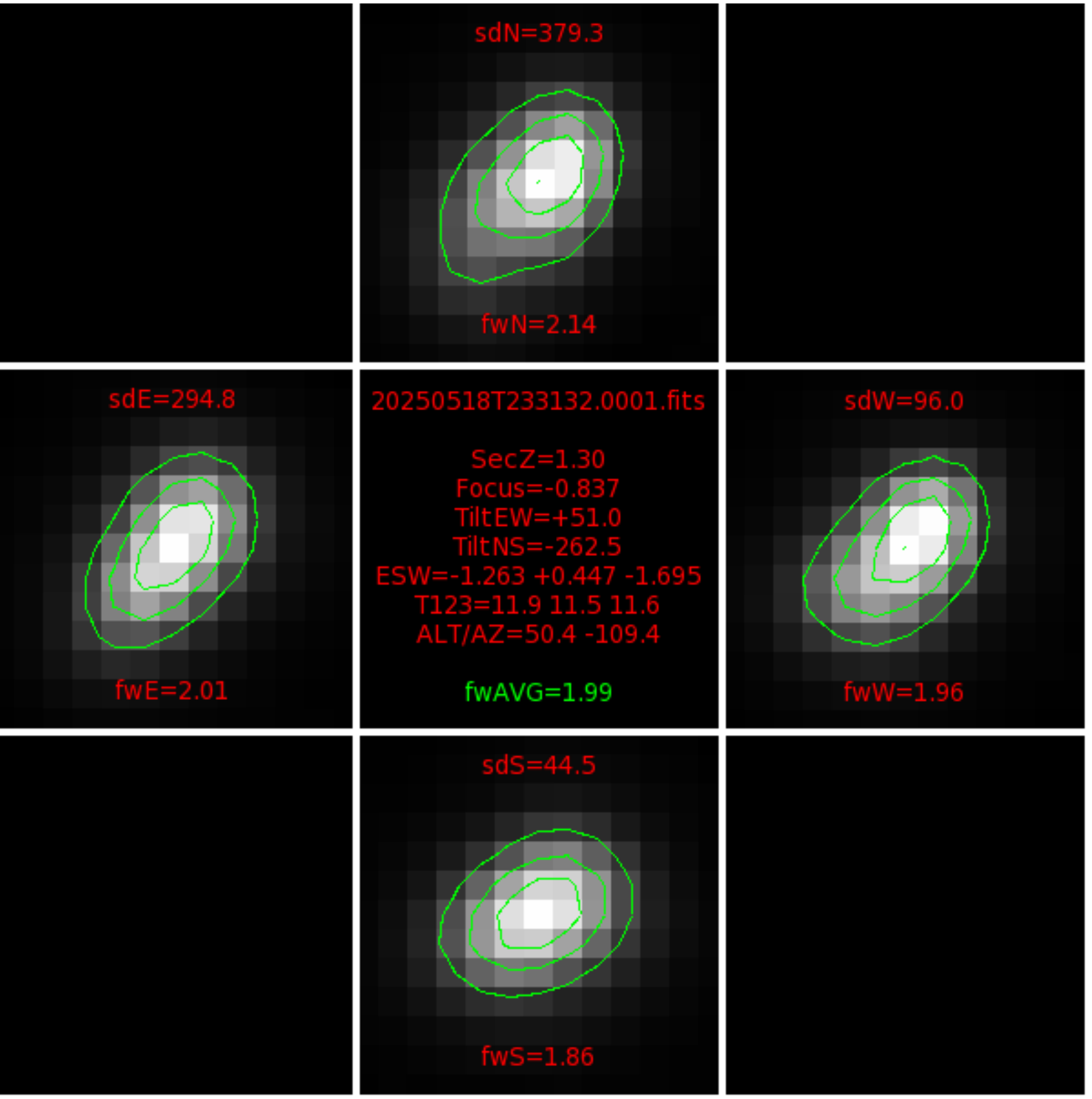
sdN=379.3
fwN=2.14
sdE=294.8
fwE=2.01
20250518T233132.0001.fits
SecZ=1.30
Focus=-0.837
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.263 +0.447 -1.695
T123=11.9 11.5 11.6
ALT/AZ=50.4 -109.4
fwAVG=1.99
sdW=96.0
fwW=1.96
sdS=44.5
fwS=1.86
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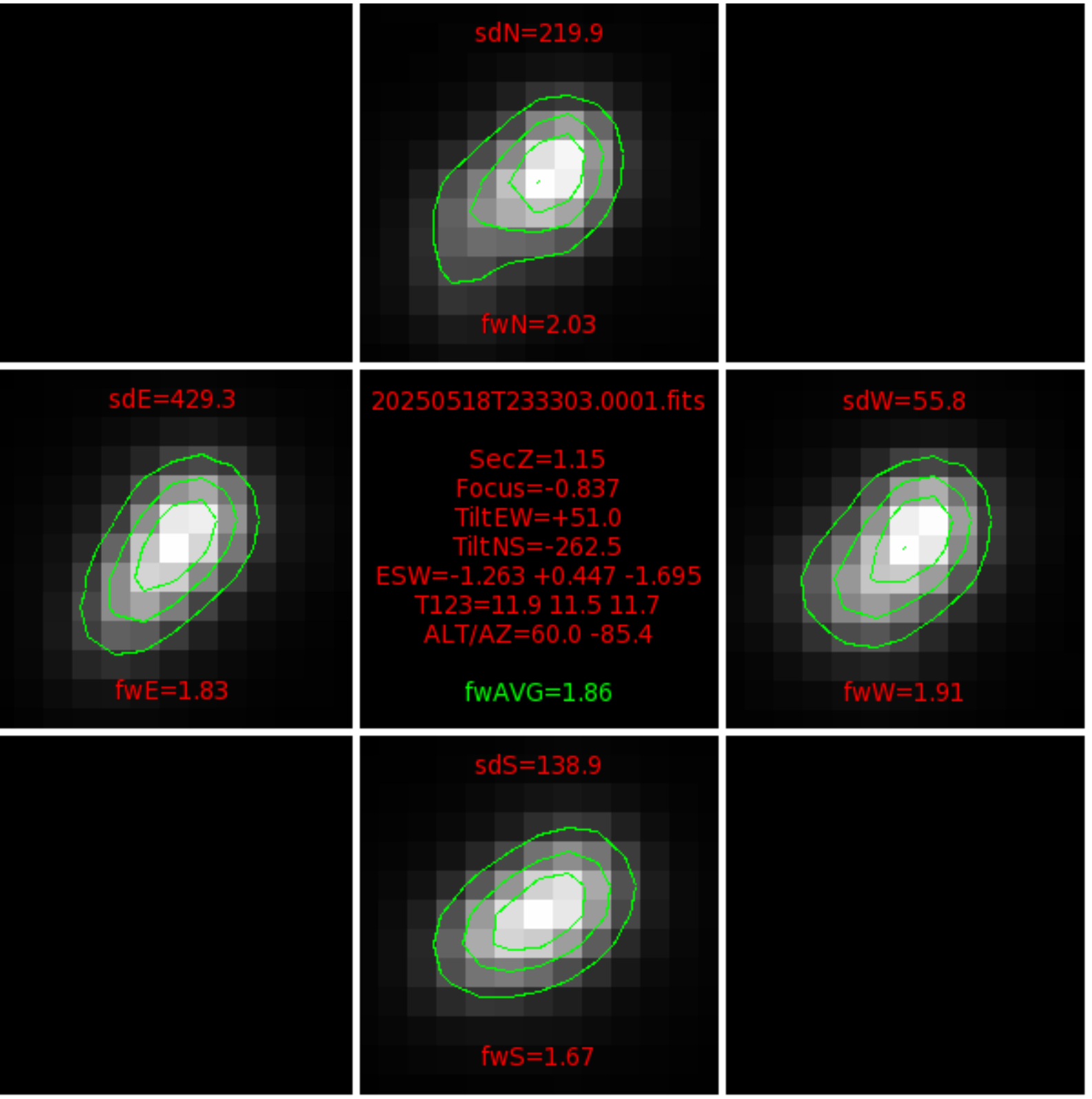
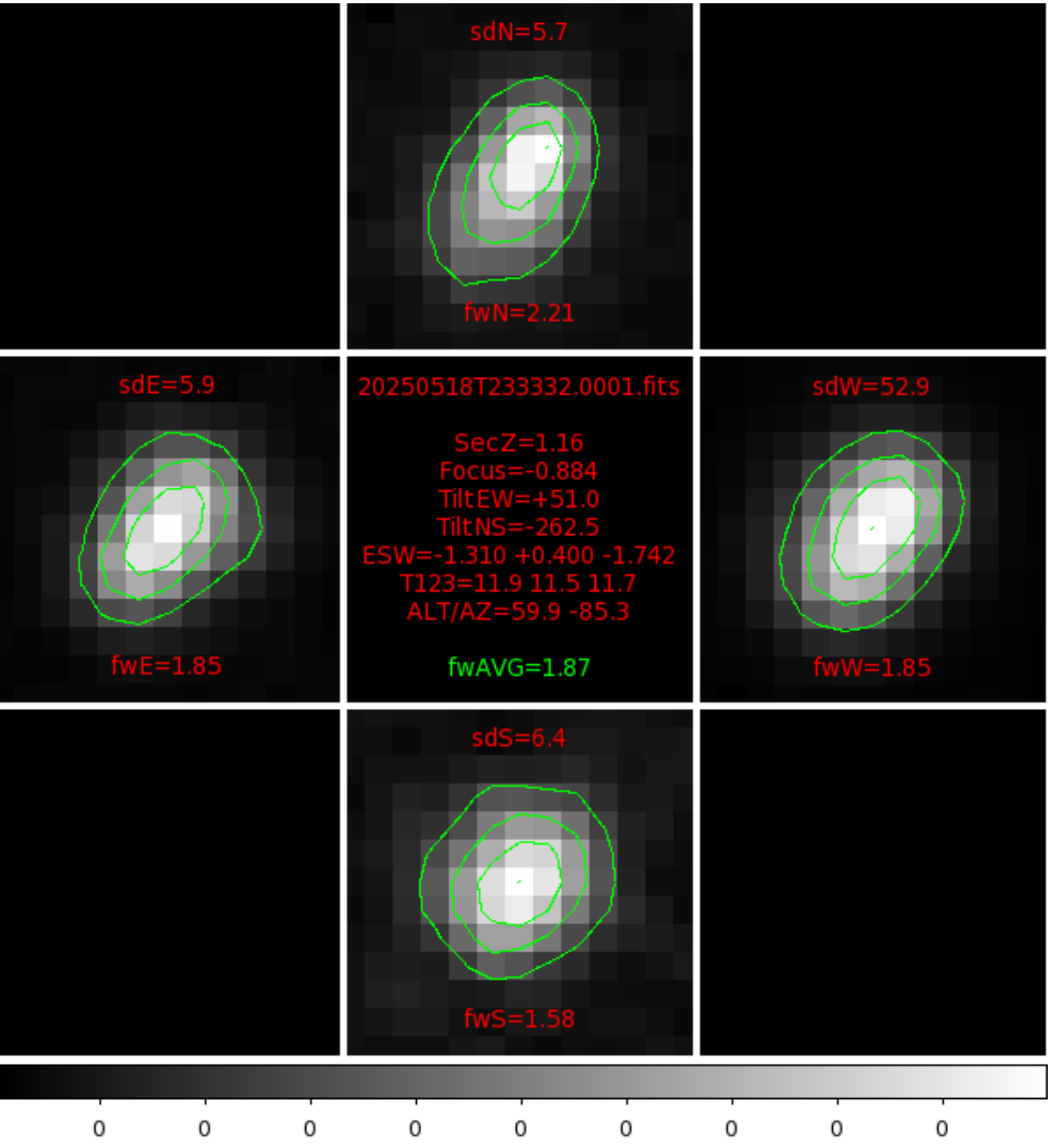
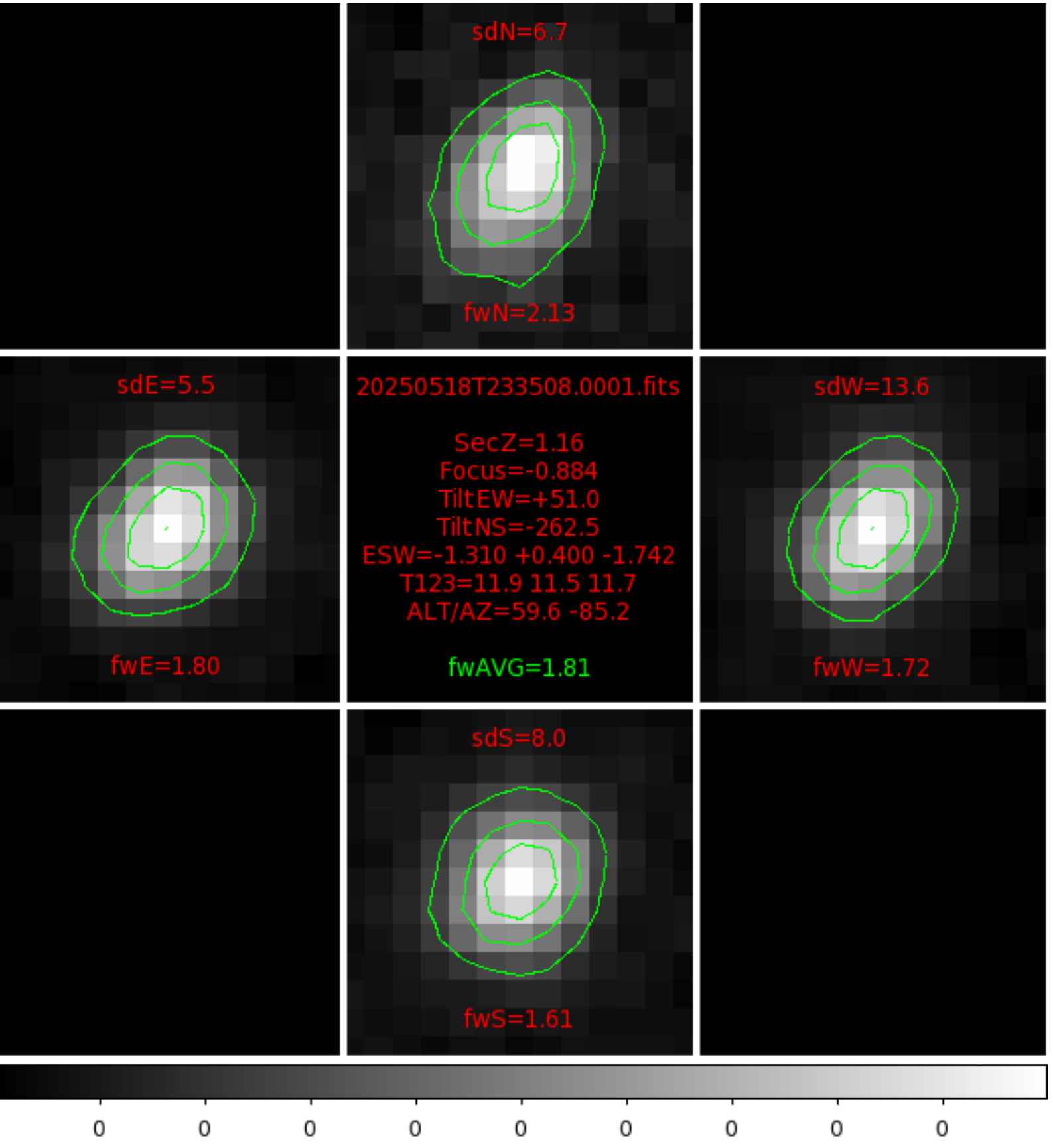
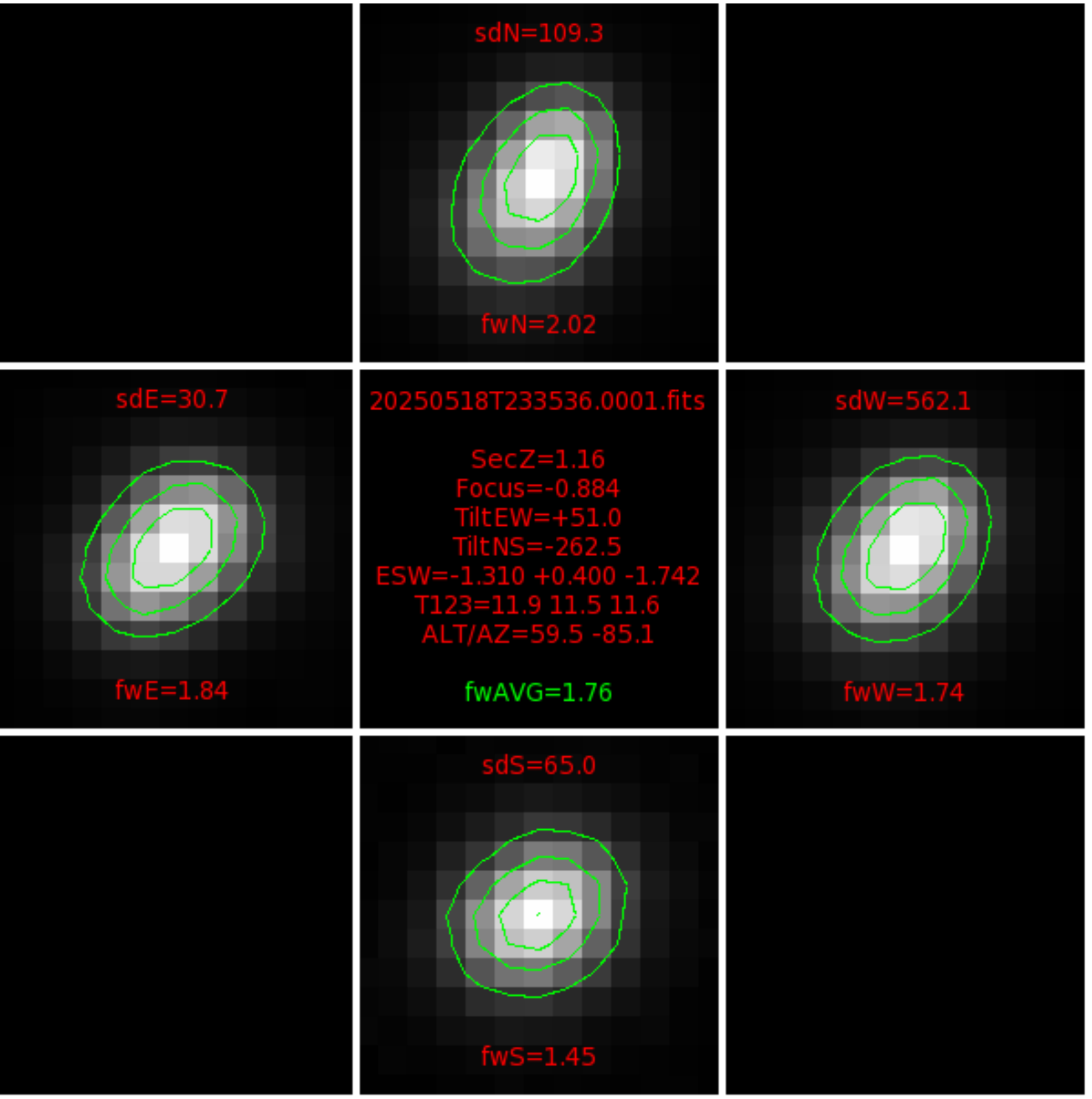
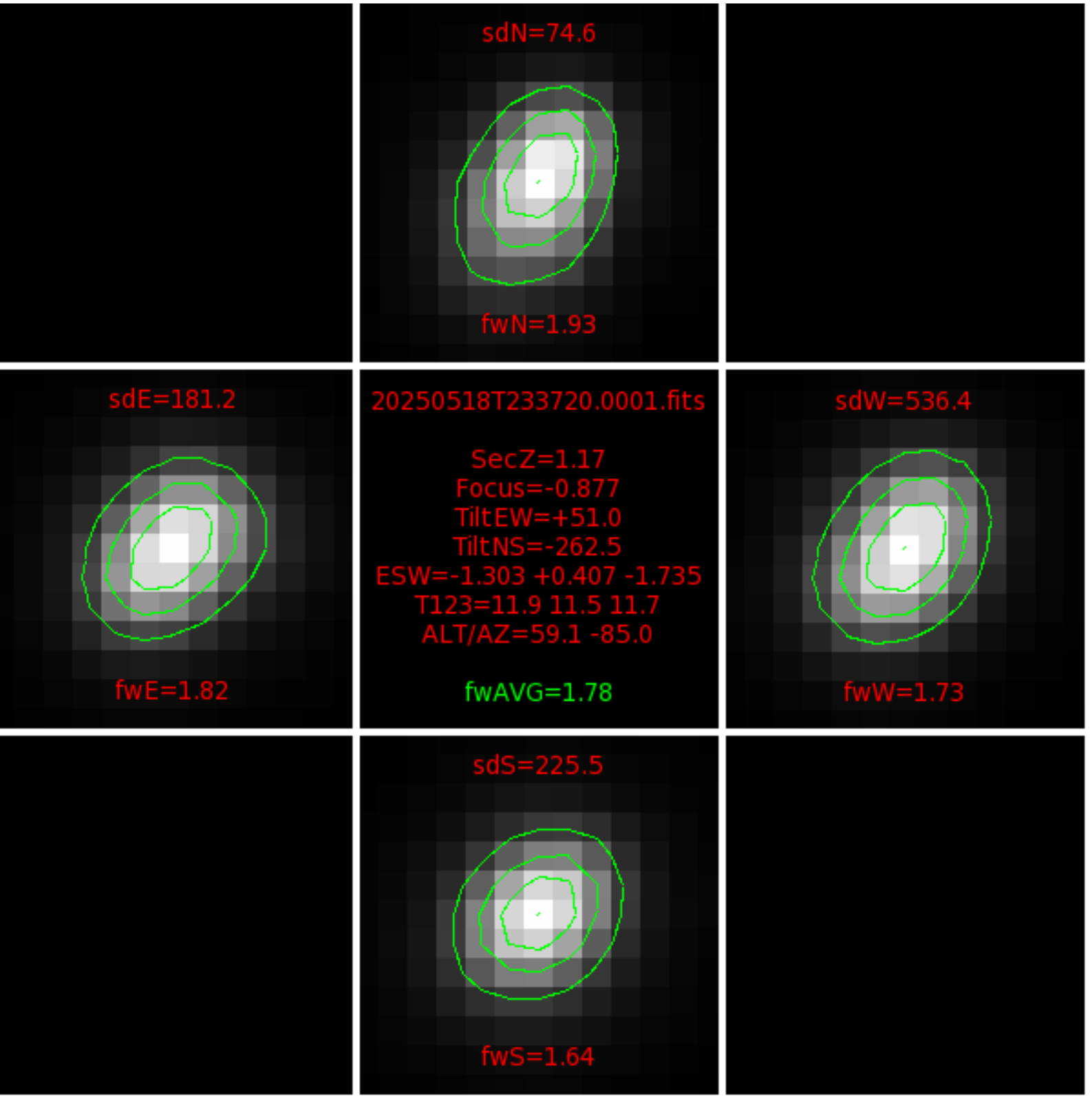

sdN=219.9
fwN=2.03
sdE=429.3
fwE=1.83
20250518T233303.0001.fits
SecZ=1.15
Focus=-0.837
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.263 +0.447 -1.695
T123=11.9 11.5 11.7
ALT/AZ=60.0 -85.4
fwAVG=1.86
sdW=55.8
fwW=1.91
sdS=138.9
fwS=1.67
0 0 0 0 0 0 0 0 0


sdN=5.7
fwN=2.21
sdE=5.9
fwE=1.85
20250518T233332.0001.fits
SecZ=1.16
Focus=-0.884
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.310 +0.400 -1.742
T123=11.9 11.5 11.7
ALT/AZ=59.9 -85.3
fwAVG=1.87
sdW=52.9
fwW=1.85
sdS=6.4
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=6.7
fwN=2.13
sdE=5.5
fwE=1.80
20250518T233508.0001.fits
SecZ=1.16
Focus=-0.884
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.310 +0.400 -1.742
T123=11.9 11.5 11.7
ALT/AZ=59.6 -85.2
fwAVG=1.81
sdW=13.6
fwW=1.72
sdS=8.0
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=109.3
fwN=2.02
sdE=30.7
fwE=1.84
20250518T233536.0001.fits
SecZ=1.16
Focus=-0.884
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.310 +0.400 -1.742
T123=11.9 11.5 11.6
ALT/AZ=59.5 -85.1
fwAVG=1.76
sdW=562.1
fwW=1.74
sdS=65.0
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=74.6
fwN=1.93
sdE=181.2
fwE=1.82
20250518T233720.0001.fits
SecZ=1.17
Focus=-0.877
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.303 +0.407 -1.735
T123=11.9 11.5 11.7
ALT/AZ=59.1 -85.0
fwAVG=1.78
sdW=536.4
fwW=1.73
sdS=225.5
fwS=1.64
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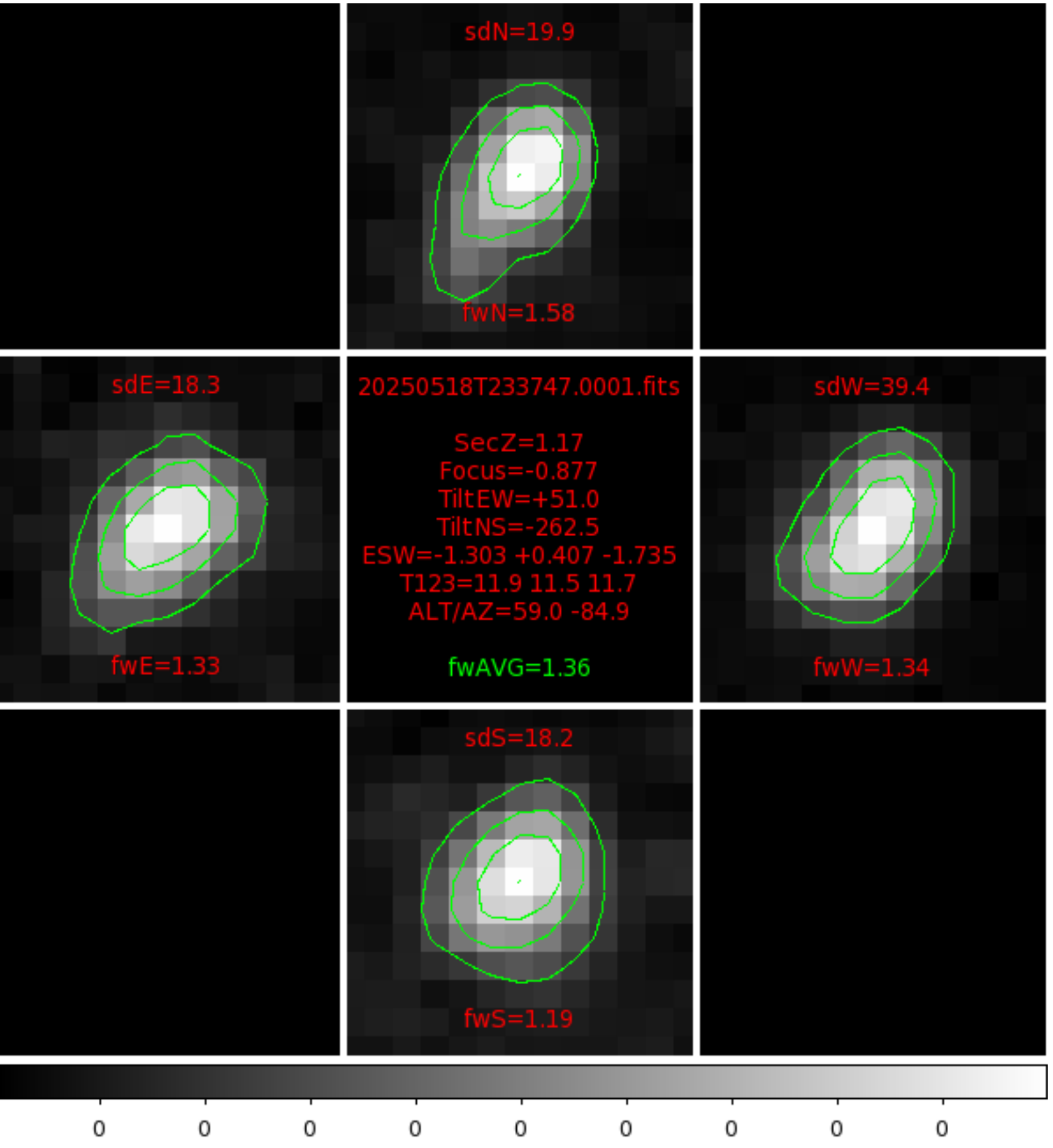
sdN=19.9
fwN=1.58
sdE=18.3
fwE=1.33
20250518T233747.0001.fits
SecZ=1.17
Focus=-0.877
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.303 +0.407 -1.735
T123=11.9 11.5 11.7
ALT/AZ=59.0 -84.9
fwAVG=1.36
sdW=39.4
fwW=1.34
sdS=18.2
fwS=1.19
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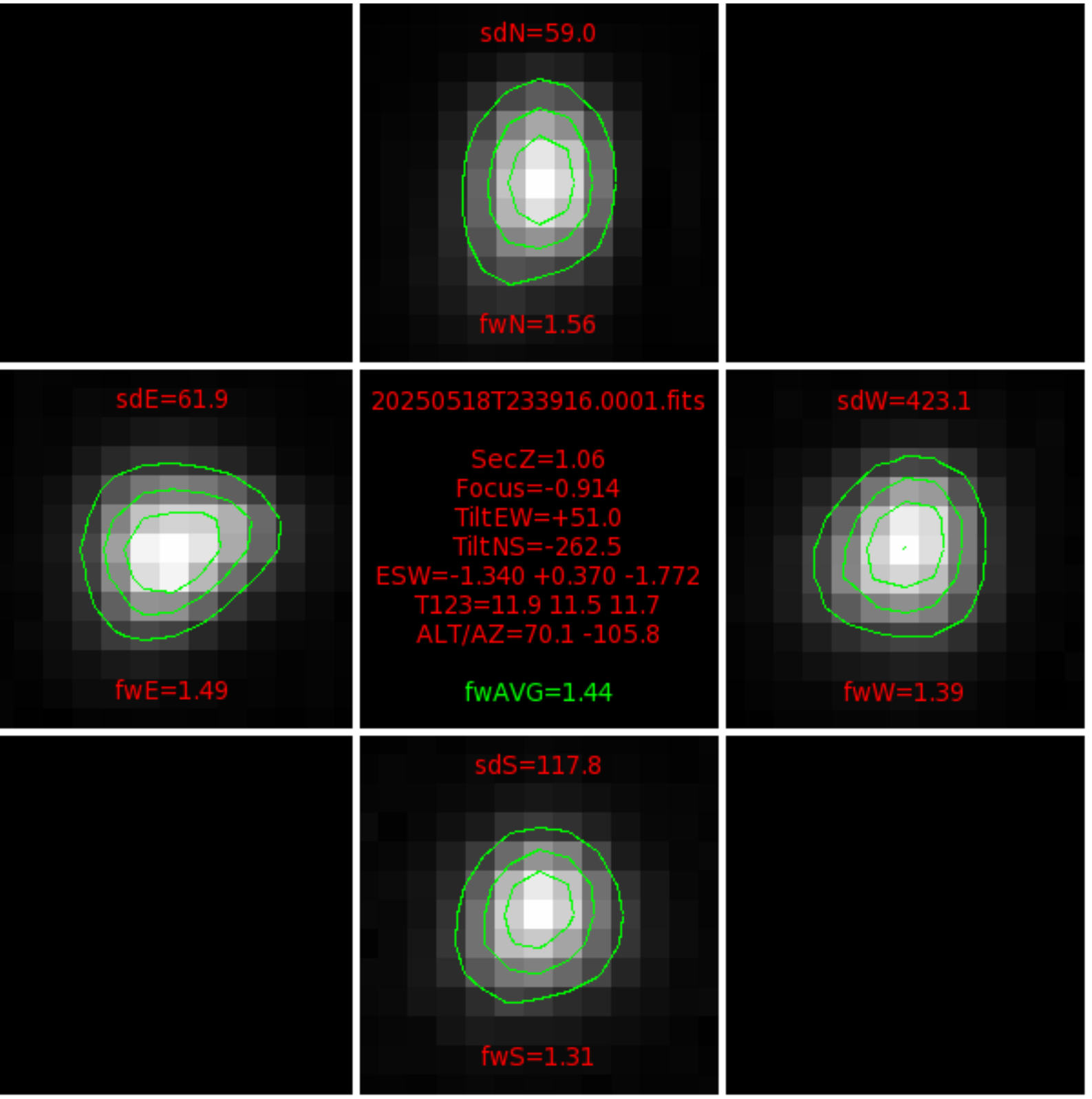
sdN=59.0
fwN=1.56
sdE=61.9
fwE=1.49
20250518T233916.0001.fits
SecZ=1.06
Focus=-0.914
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.340 +0.370 -1.772
T123=11.9 11.5 11.7
ALT/AZ=70.1 -105.8
fwAVG=1.44
sdW=423.1
fwW=1.39
sdS=117.8
fwS=1.31
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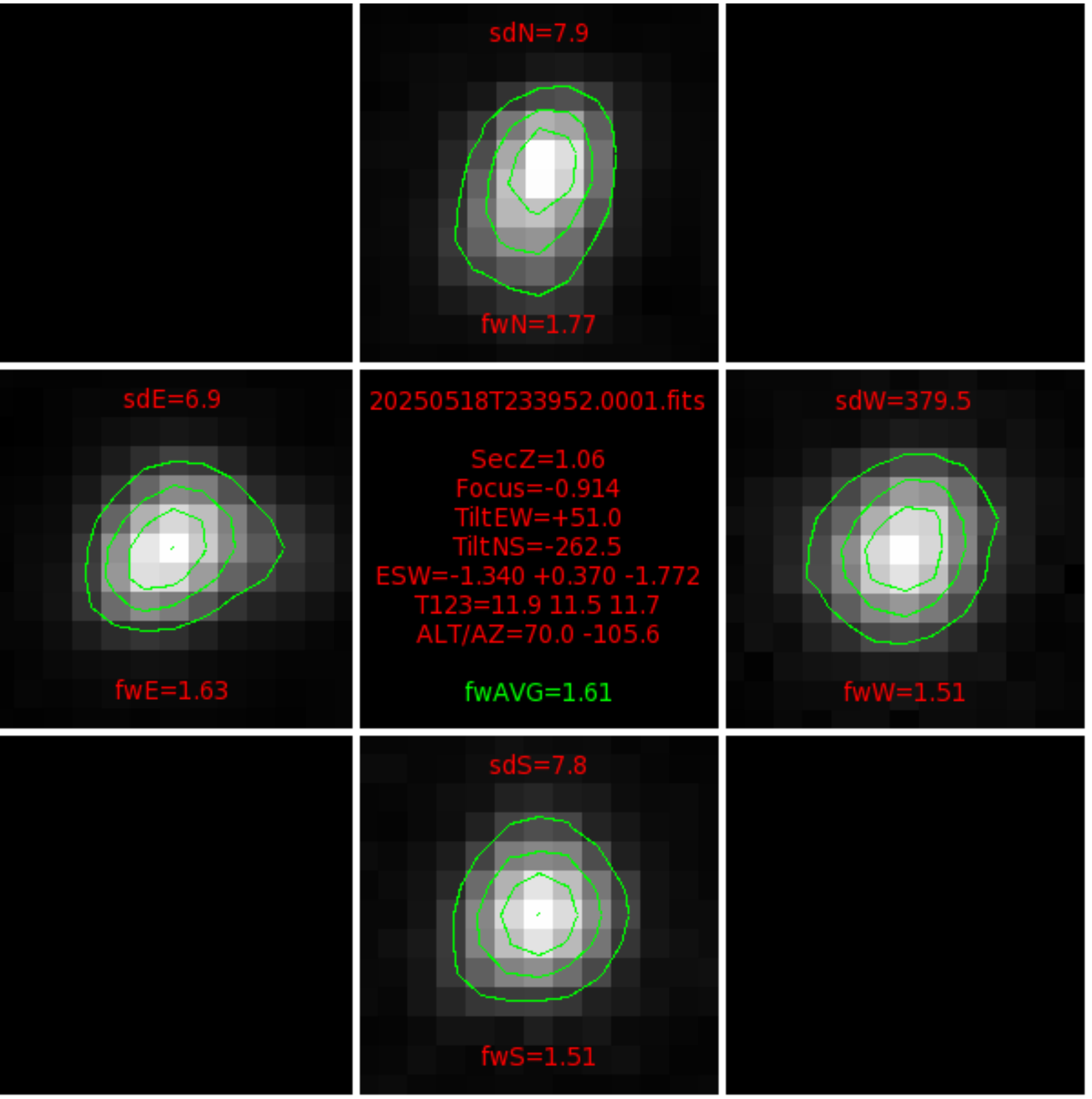
sdN=7.9
fwN=1.77
sdE=6.9
fwE=1.63
20250518T233952.0001.fits
SecZ=1.06
Focus=-0.914
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.340 +0.370 -1.772
T123=11.9 11.5 11.7
ALT/AZ=70.0 -105.6
fwAVG=1.61
sdW=379.5
fwW=1.51
sdS=7.8
fwS=1.51
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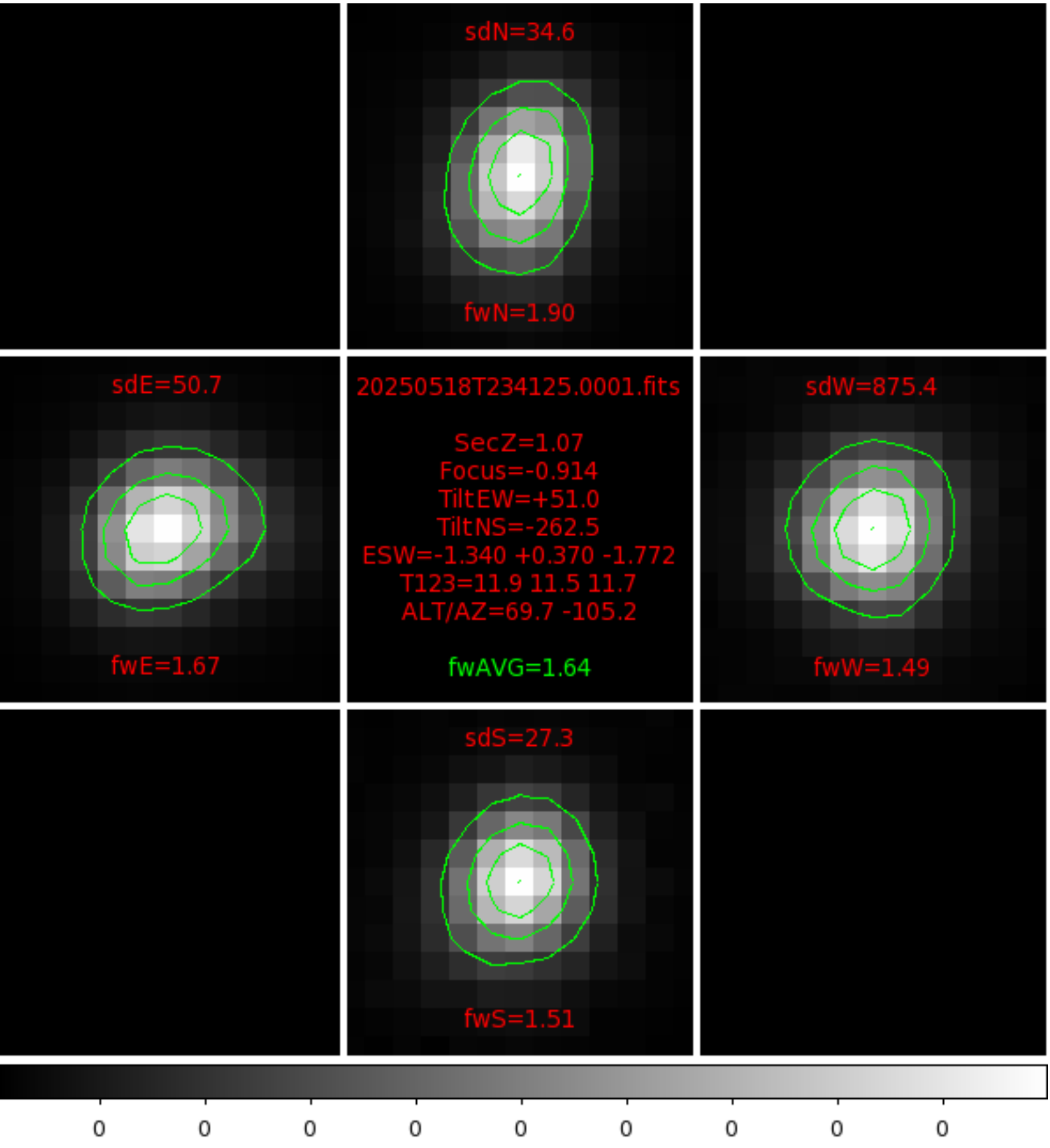
sdN=34.6
fwN=1.90
sdE=50.7
fwE=1.67
20250518T234125.0001.fits
SecZ=1.07
Focus=-0.914
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.340 +0.370 -1.772
T123=11.9 11.5 11.7
ALT/AZ=69.7 -105.2
fwAVG=1.64
sdW=875.4
fwW=1.49
sdS=27.3
fwS=1.51
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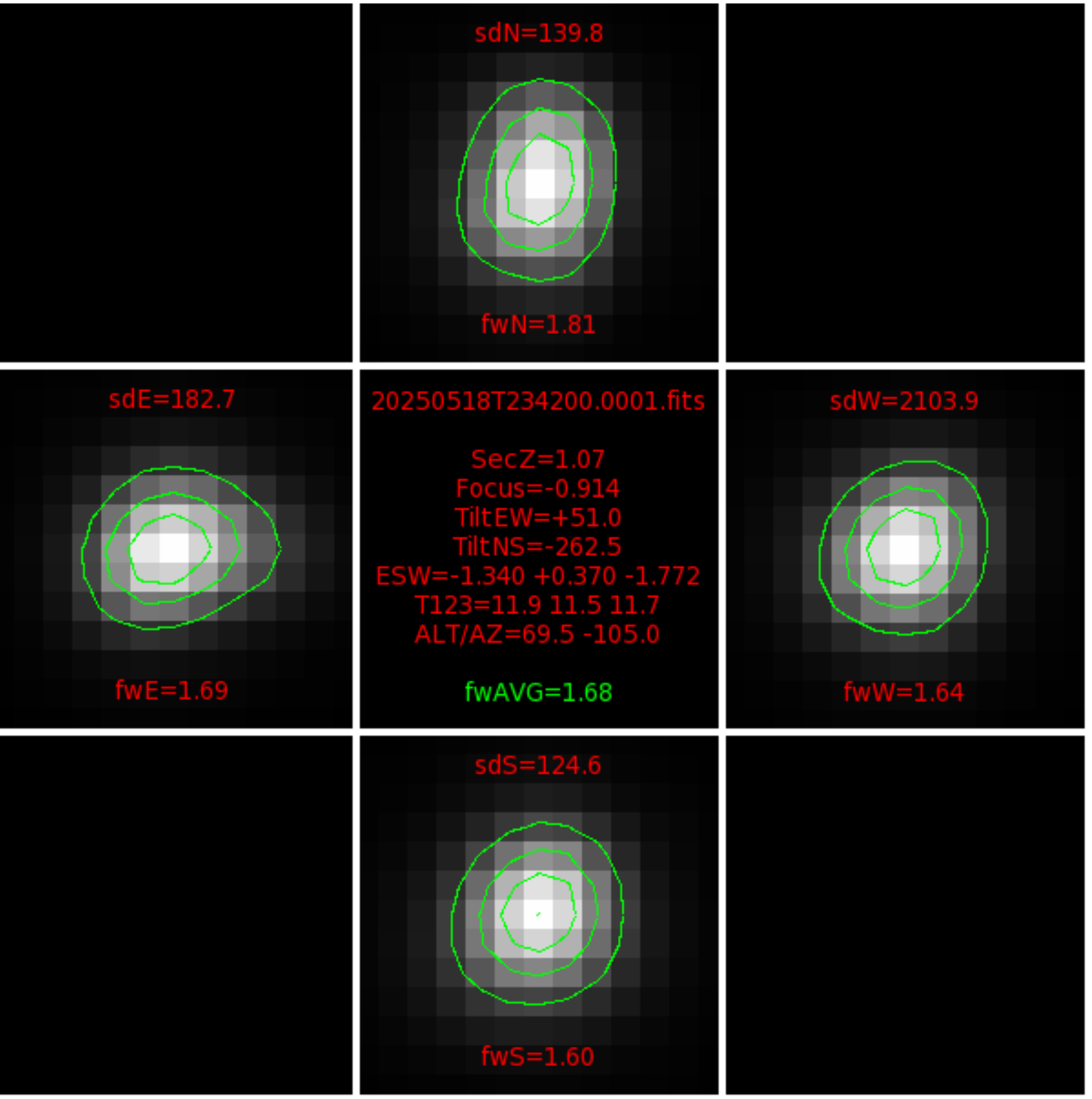
sdN=139.8
fwN=1.81
sdE=182.7
fwE=1.69
20250518T234200.0001.fits
SecZ=1.07
Focus=-0.914
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.340 +0.370 -1.772
T123=11.9 11.5 11.7
ALT/AZ=69.5 -105.0
fwAVG=1.68
sdW=2103.9
fwW=1.64
sdS=124.6
fwS=1.60
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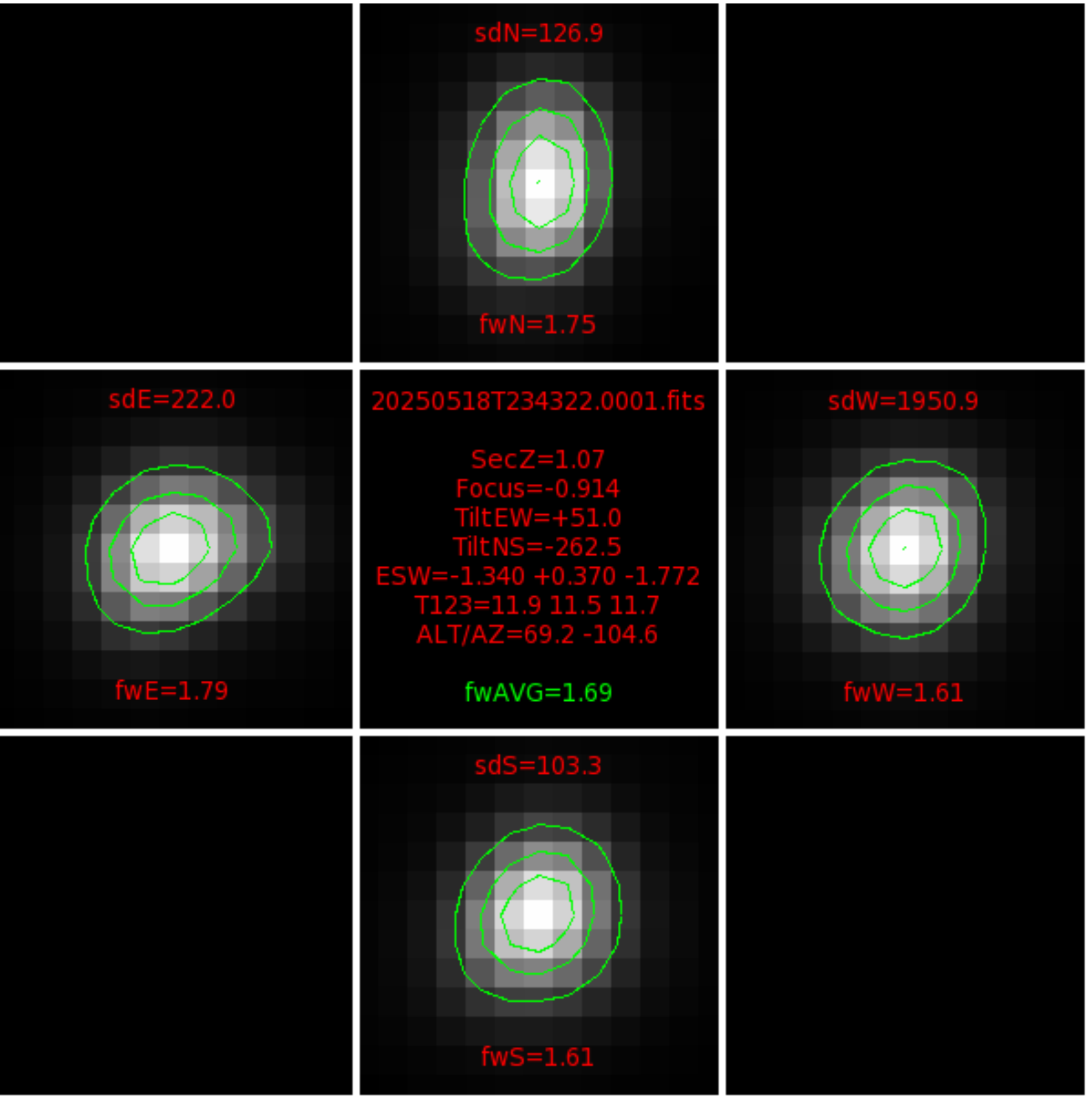
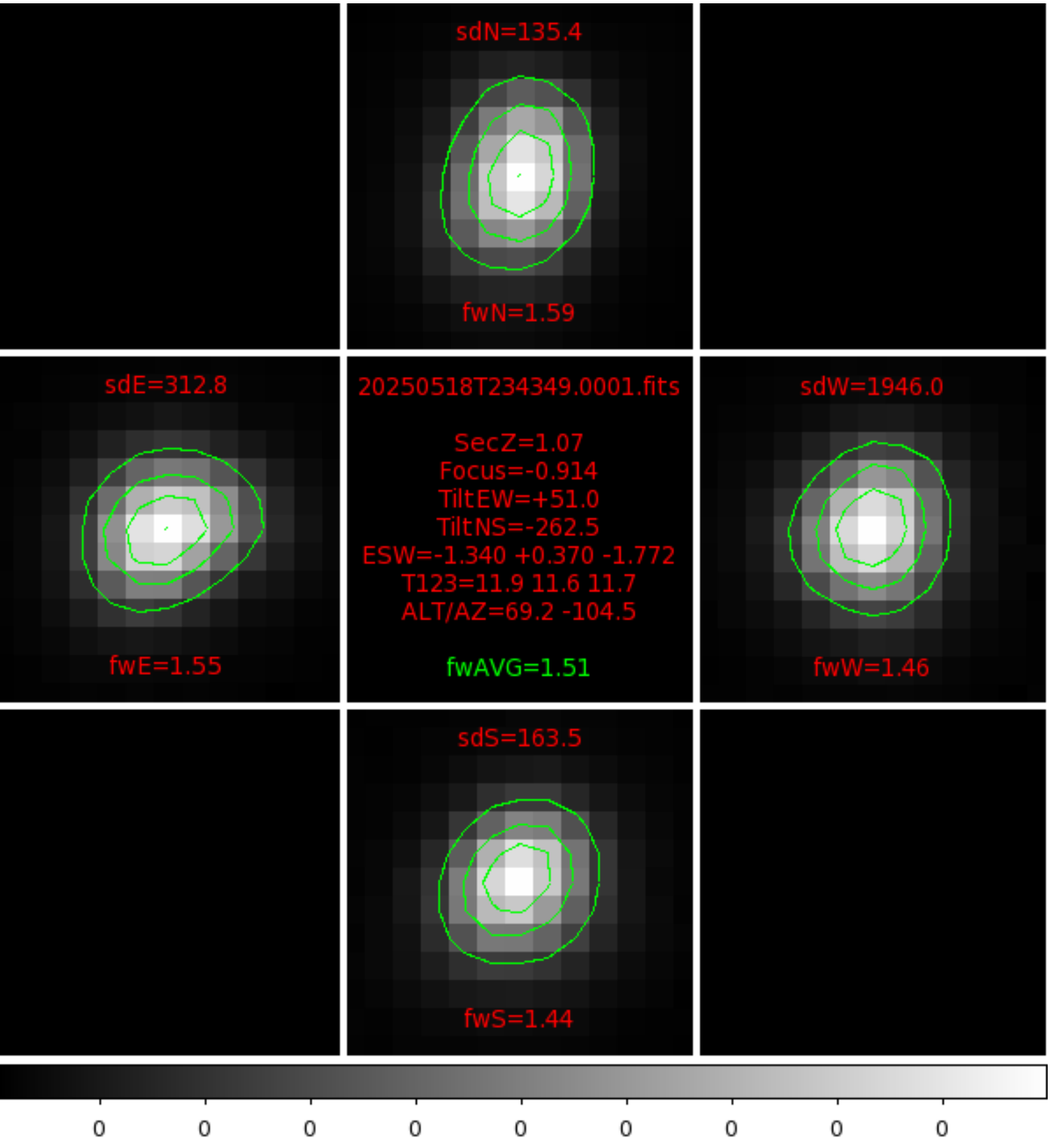

sdN=126.9
fwN=1.75
sdE=222.0
fwE=1.79
20250518T234322.0001.fits
SecZ=1.07
Focus=-0.914
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.340 +0.370 -1.772
T123=11.9 11.5 11.7
ALT/AZ=69.2 -104.6
fwAVG=1.69
sdW=1950.9
fwW=1.61
sdS=103.3
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=135.4
fwN=1.59
sdE=312.8
fwE=1.55
20250518T234349.0001.fits
SecZ=1.07
Focus=-0.914
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.340 +0.370 -1.772
T123=11.9 11.6 11.7
ALT/AZ=69.2 -104.5
fwAVG=1.51
sdW=1946.0
fwW=1.46
sdS=163.5
fwS=1.44
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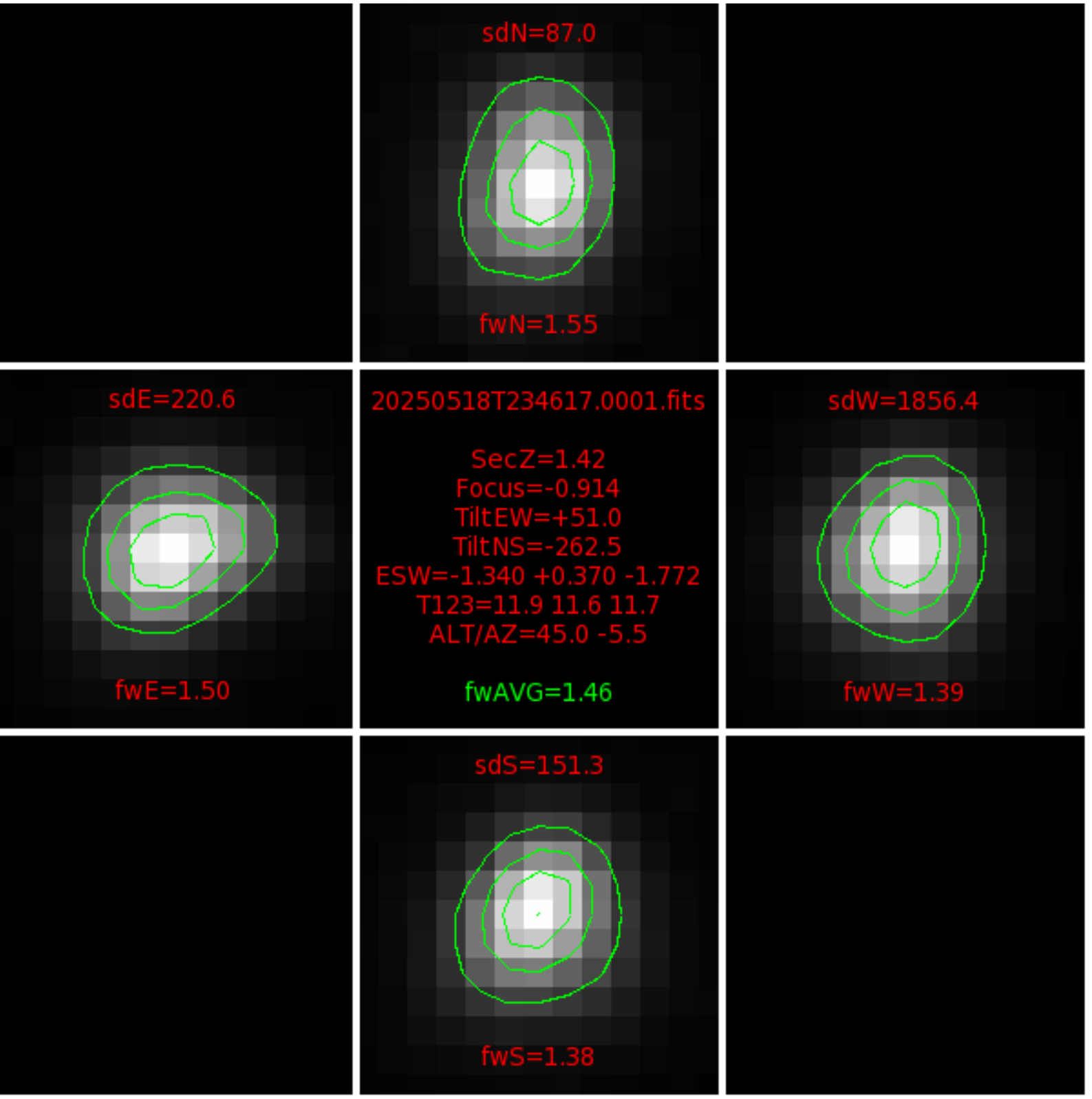
sdN=87.0
fwN=1.55
sdE=220.6
fwE=1.50
20250518T234617.0001.fits
SecZ=1.42
Focus=-0.914
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.340 +0.370 -1.772
T123=11.9 11.6 11.7
ALT/AZ=45.0 -5.5
fwAVG=1.46
sdW=1856.4
fwW=1.39
sdS=151.3
fwS=1.38
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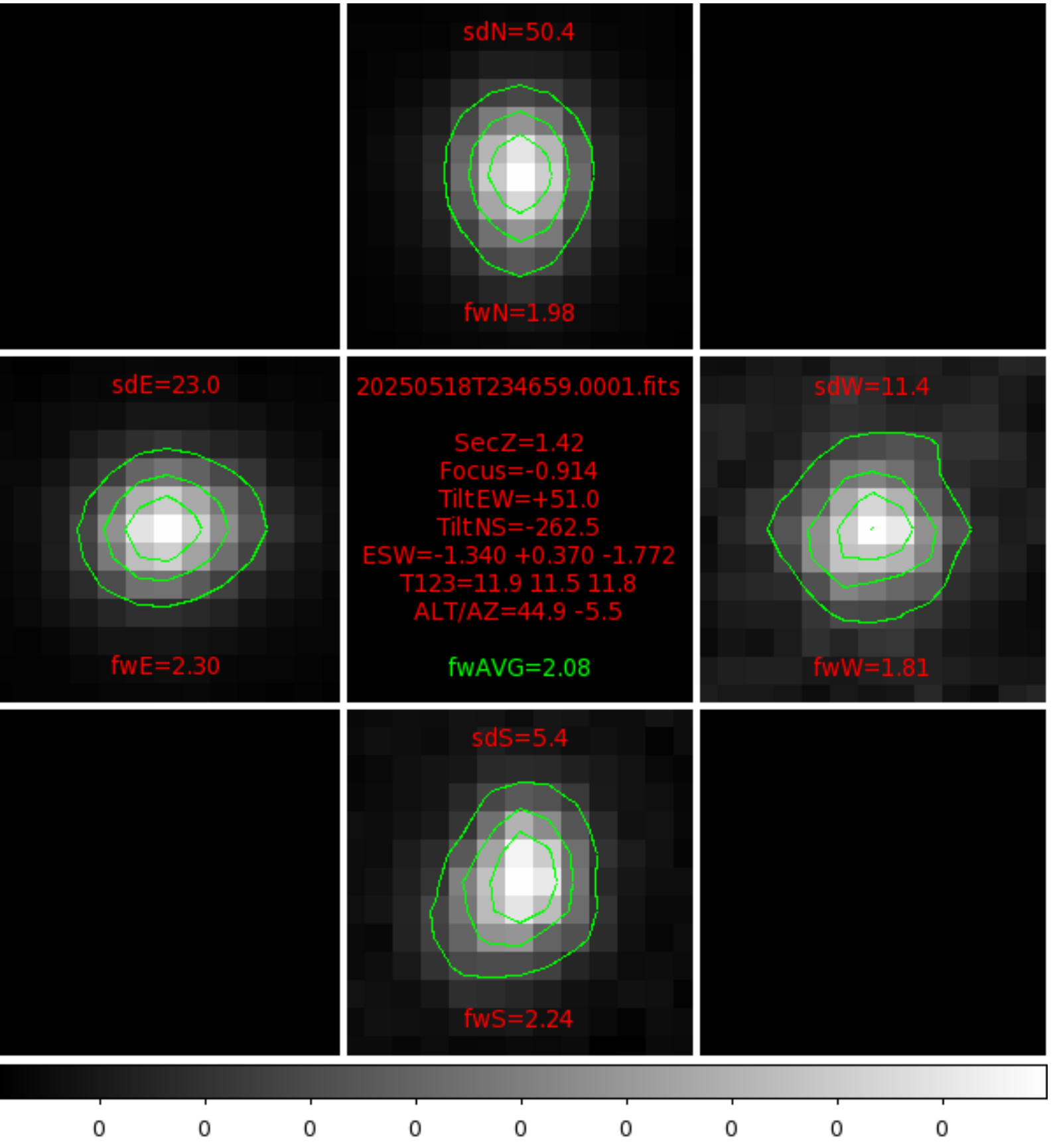
sdN=50.4
fwN=1.98
sdE=23.0
fwE=2.30
20250518T234659.0001.fits
SecZ=1.42
Focus=-0.914
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.340 +0.370 -1.772
T123=11.9 11.5 11.8
ALT/AZ=44.9 -5.5
fwAVG=2.08
sdW=11.4
fwW=1.81
sdS=5.4
fwS=2.24
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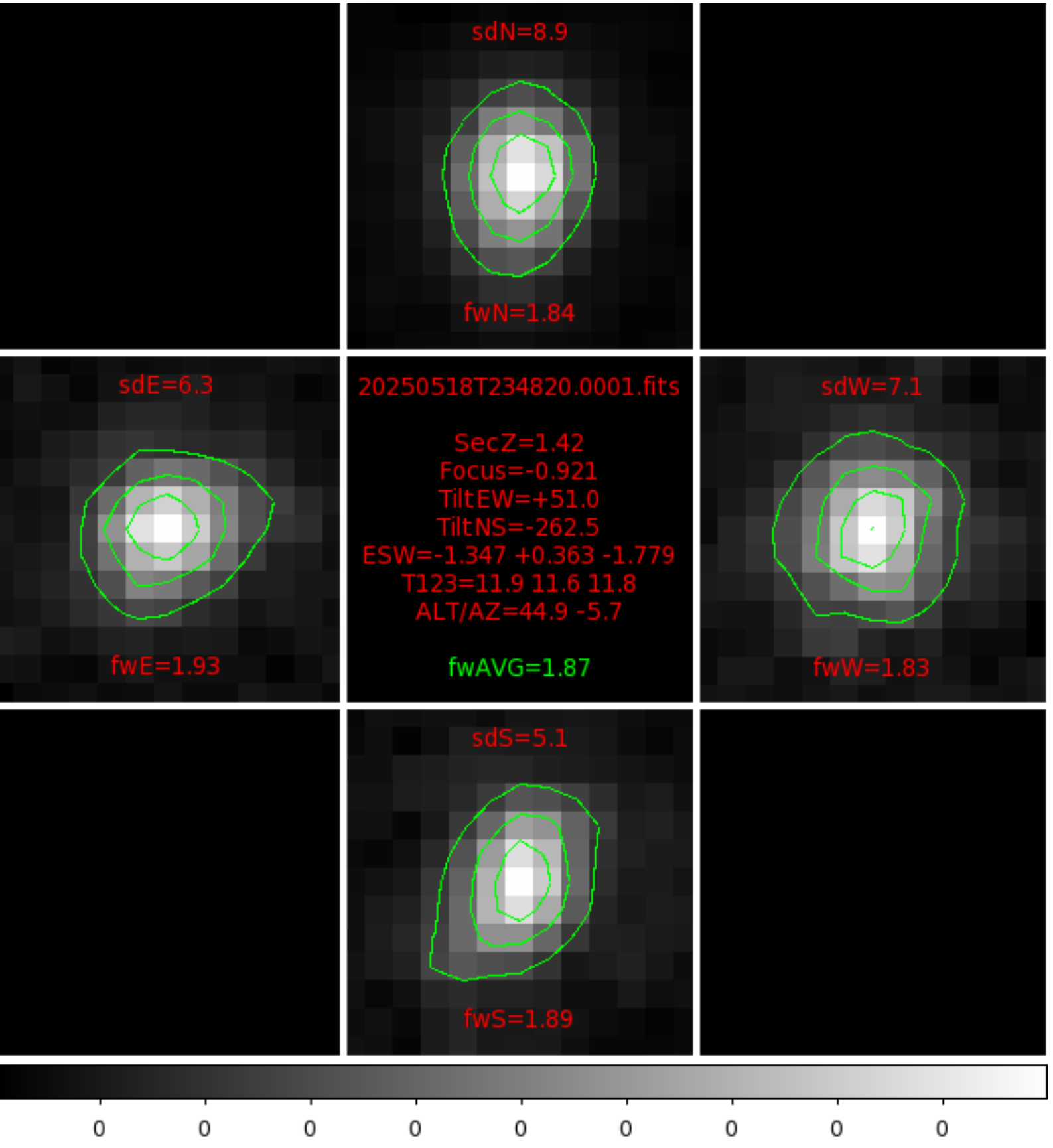
sdN=8.9
fwN=1.84
sdE=6.3
fwE=1.93
20250518T234820.0001.fits
SecZ=1.42
Focus=-0.921
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.347 +0.363 -1.779
T123=11.9 11.6 11.8
ALT/AZ=44.9 -5.7
fwAVG=1.87
sdW=7.1
fwW=1.83
sdS=5.1
fwS=1.89
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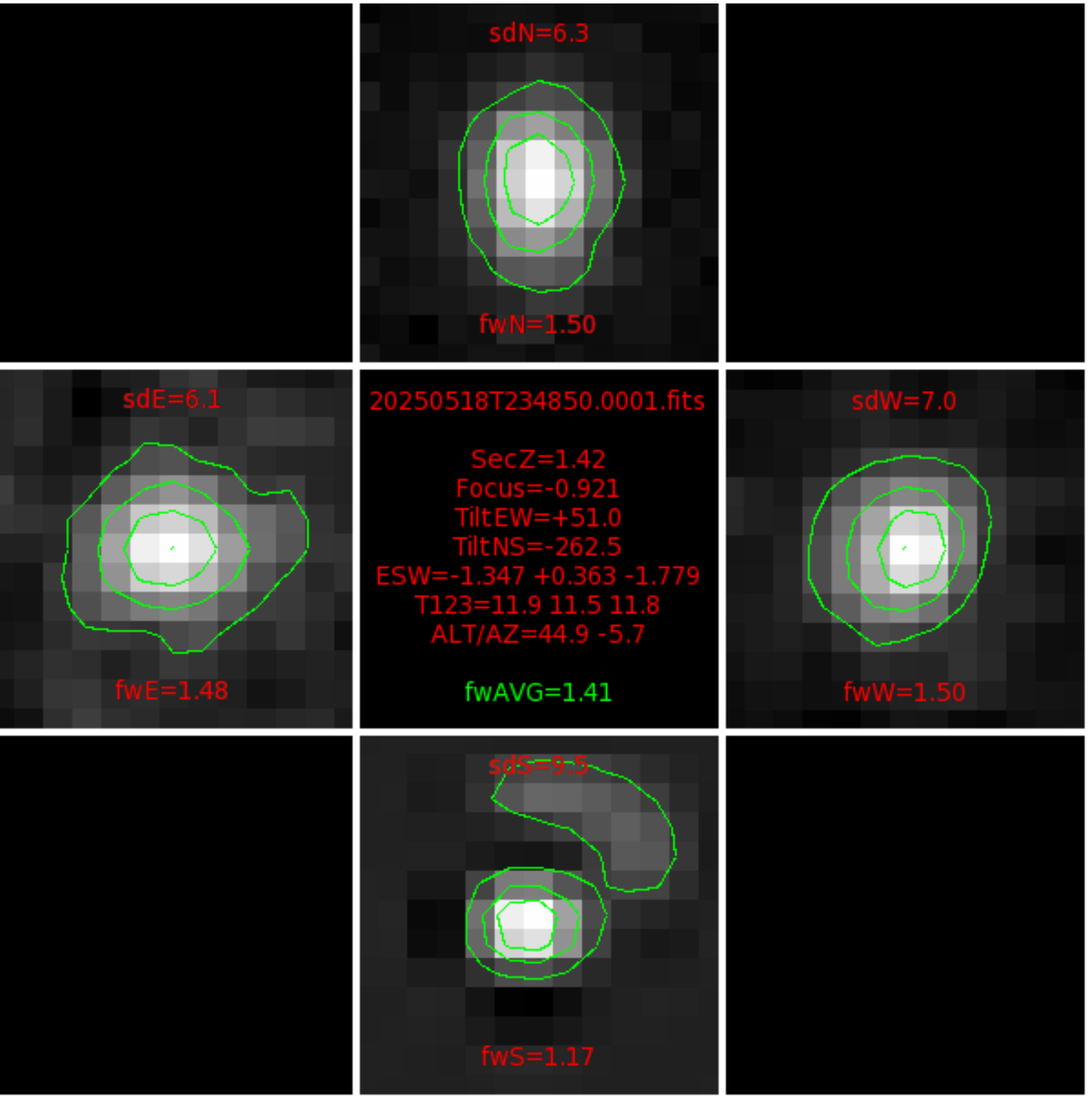
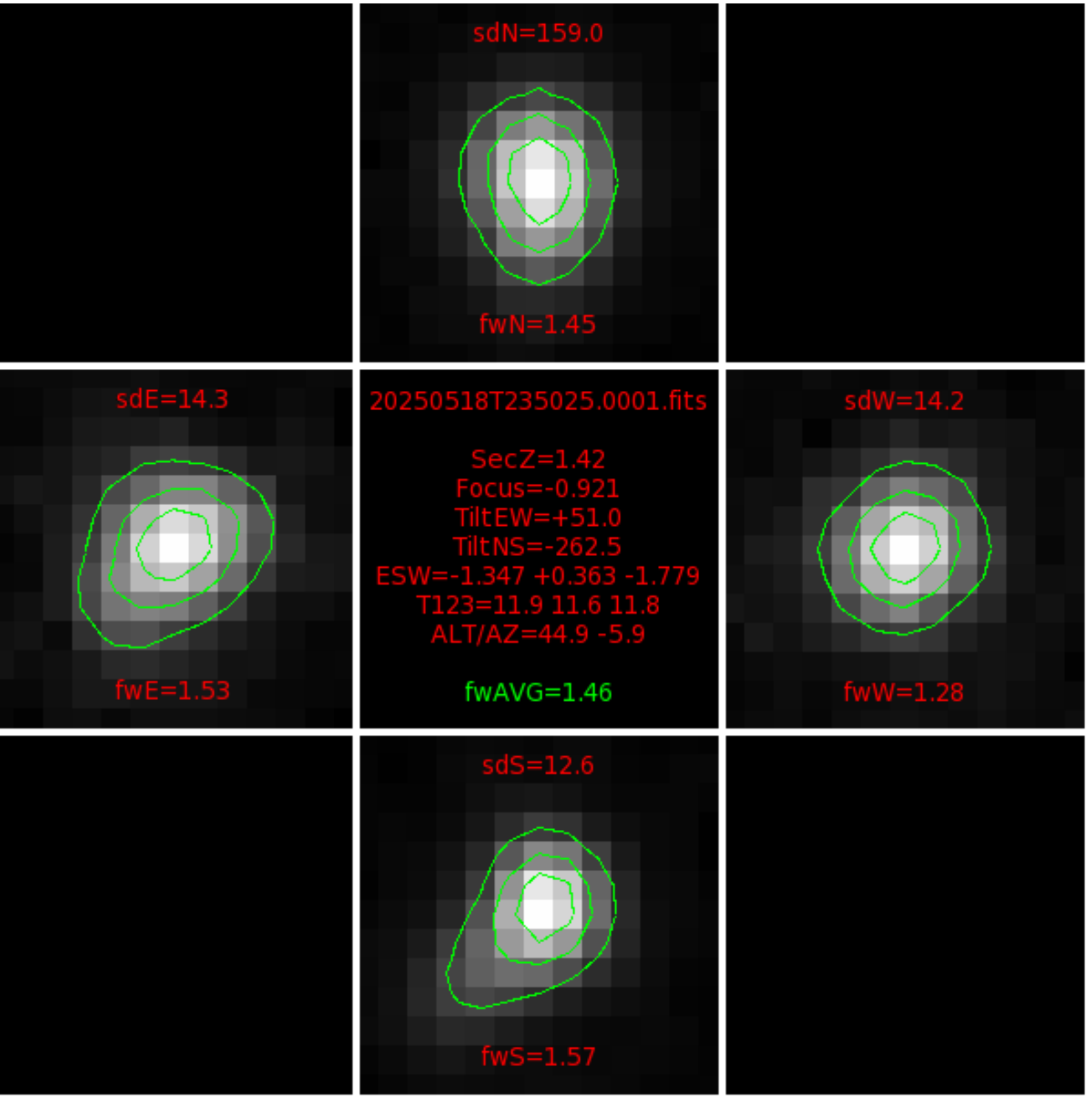

sdN=6.3
fwN=1.50
sdE=6.1
fwE=1.48
20250518T234850.0001.fits
SecZ=1.42
Focus=-0.921
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.347 +0.363 -1.779
T123=11.9 11.5 11.8
ALT/AZ=44.9 -5.7
fwAVG=1.41
sdW=7.0
fwW=1.50
sdS=9.5
fwS=1.17
0 0 0 0 0 0 0 0 0


sdN=159.0
fwN=1.45
sdE=14.3
fwE=1.53
20250518T235025.0001.fits
SecZ=1.42
Focus=-0.921
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.347 +0.363 -1.779
T123=11.9 11.6 11.8
ALT/AZ=44.9 -5.9
fwAVG=1.46
sdW=14.2
fwW=1.28
sdS=12.6
fwS=1.57
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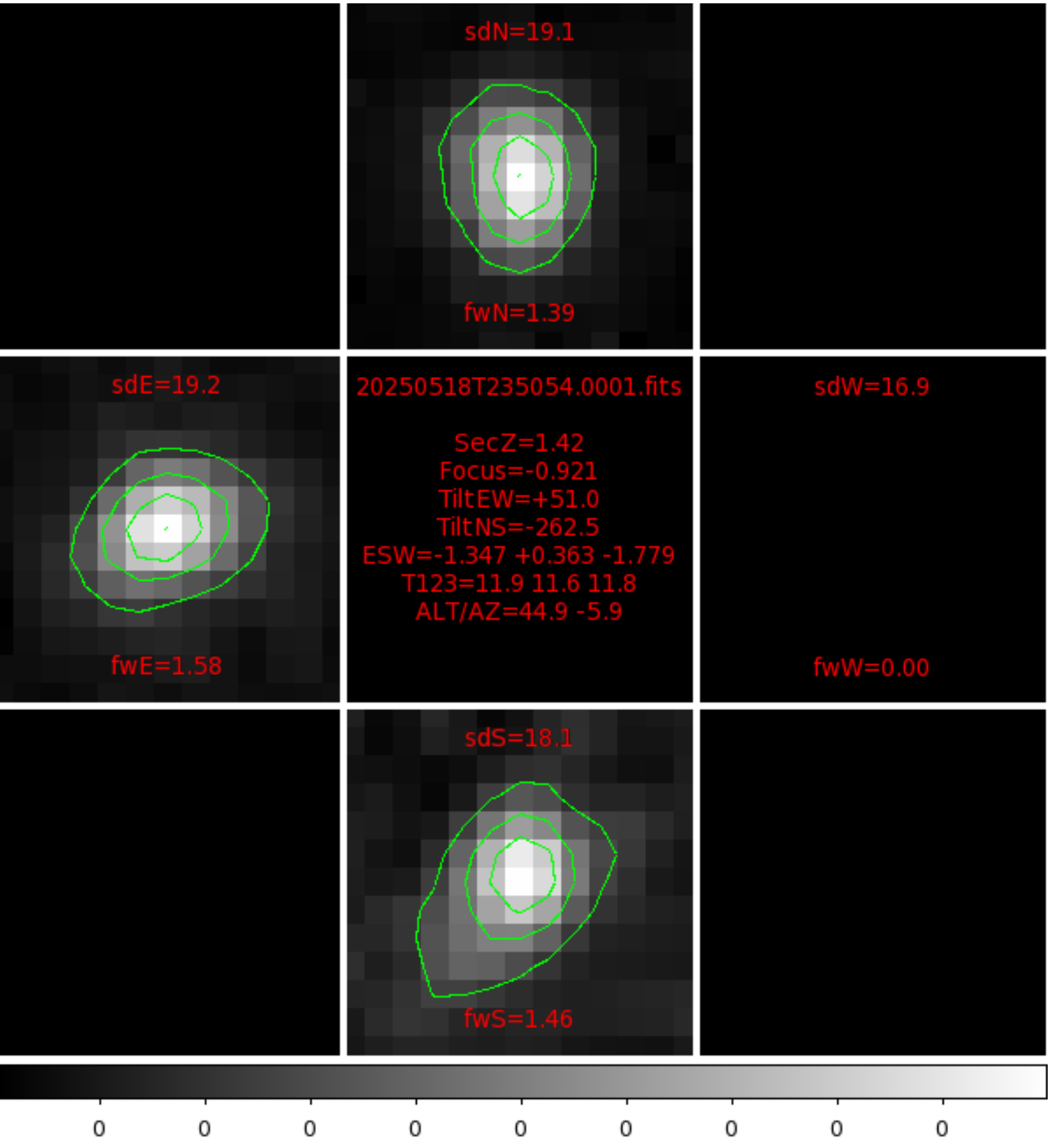
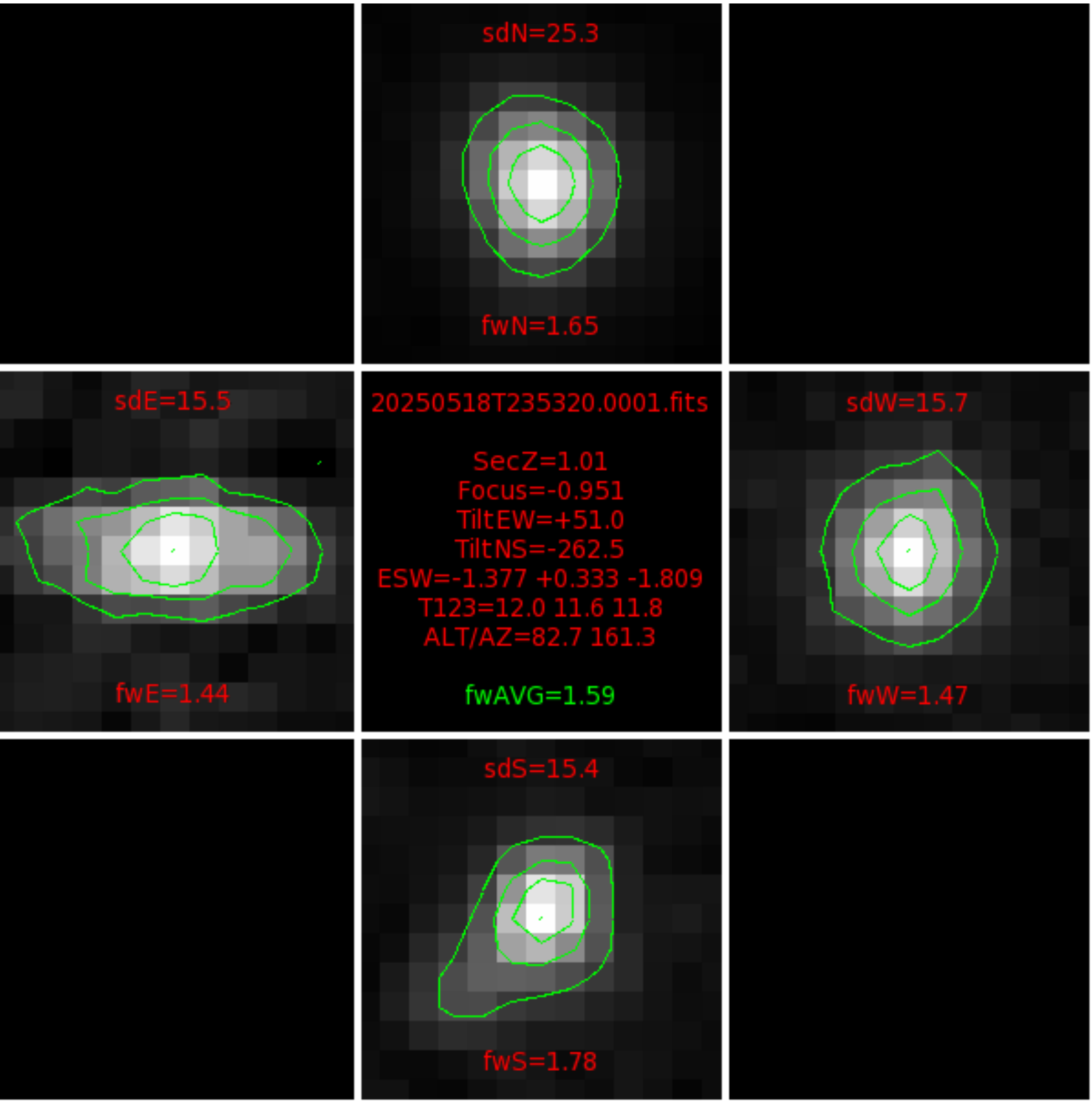
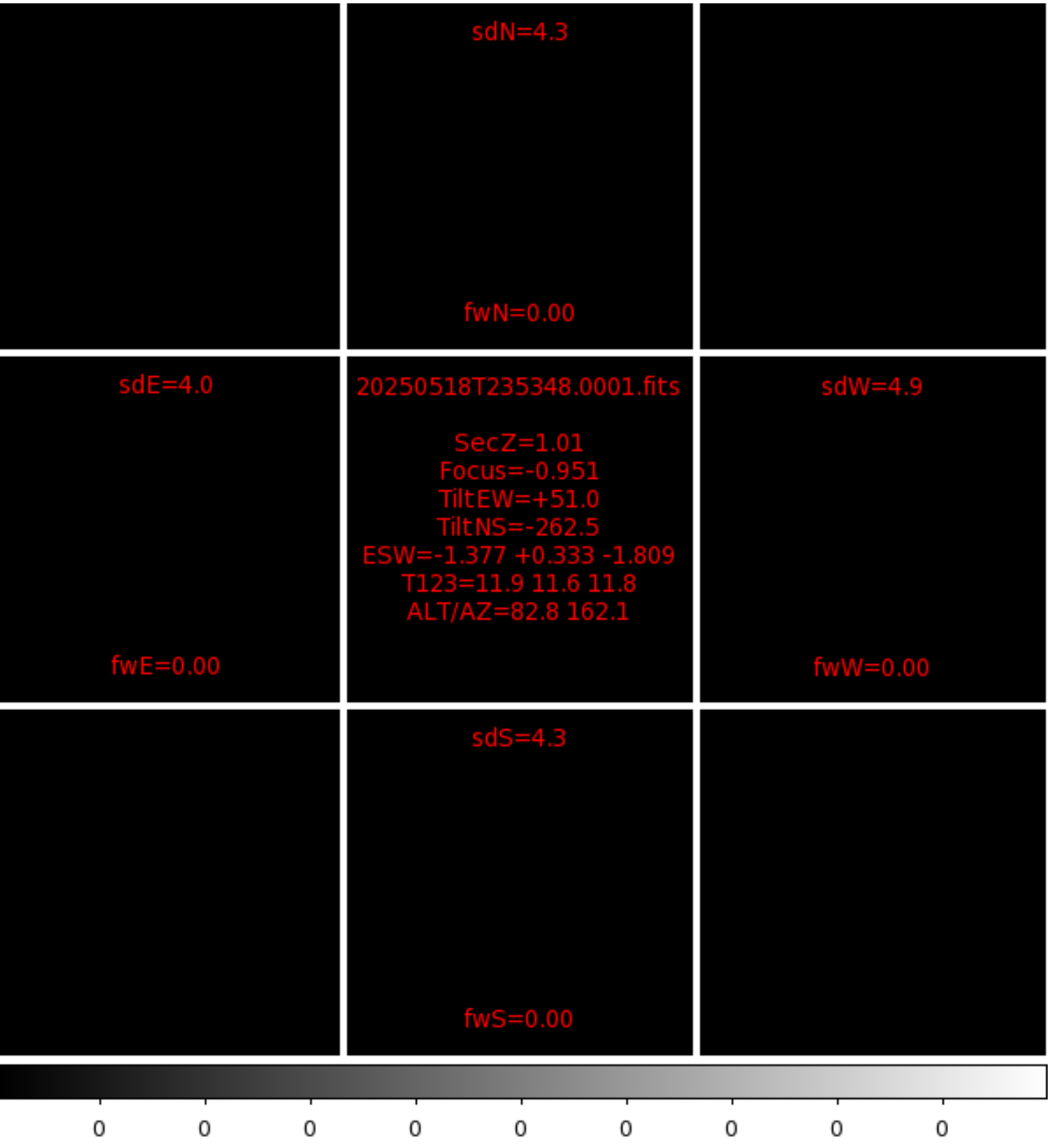

sdN=19.1
fwN=1.39
sdE=19.2
fwE=1.58
20250518T235054.0001.fits
SecZ=1.42
Focus=-0.921
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.347 +0.363 -1.779
T123=11.9 11.6 11.8
ALT/AZ=44.9 -5.9
sdW=16.9
fwW=0.00
sdS=18.1
fwS=1.46
0 0 0 0 0 0 0 0 0


sdN=25.3
fwN=1.65
sdE=15.5
fwE=1.44
20250518T235320.0001.fits
SecZ=1.01
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.0 11.6 11.8
ALT/AZ=82.7 161.3
fwAVG=1.59
sdW=15.7
fwW=1.47
sdS=15.4
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=4.3
fwN=0.00
sdE=4.0
20250518T235348.0001.fits
SecZ=1.01
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=11.9 11.6 11.8
ALT/AZ=82.8 162.1
sdW=4.9
fwE=0.00
fwW=0.00
sdS=4.3
fwS=0.00
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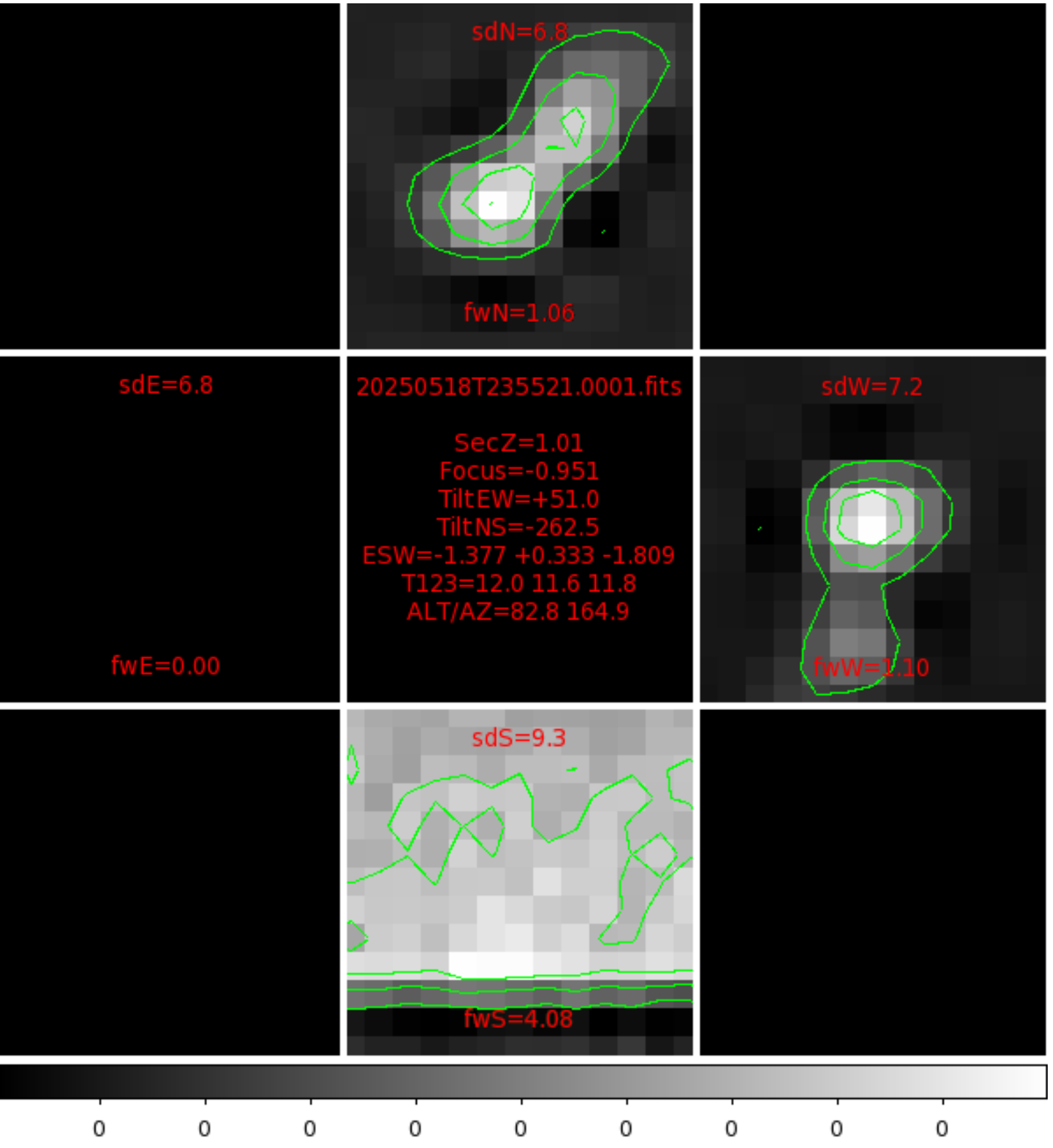
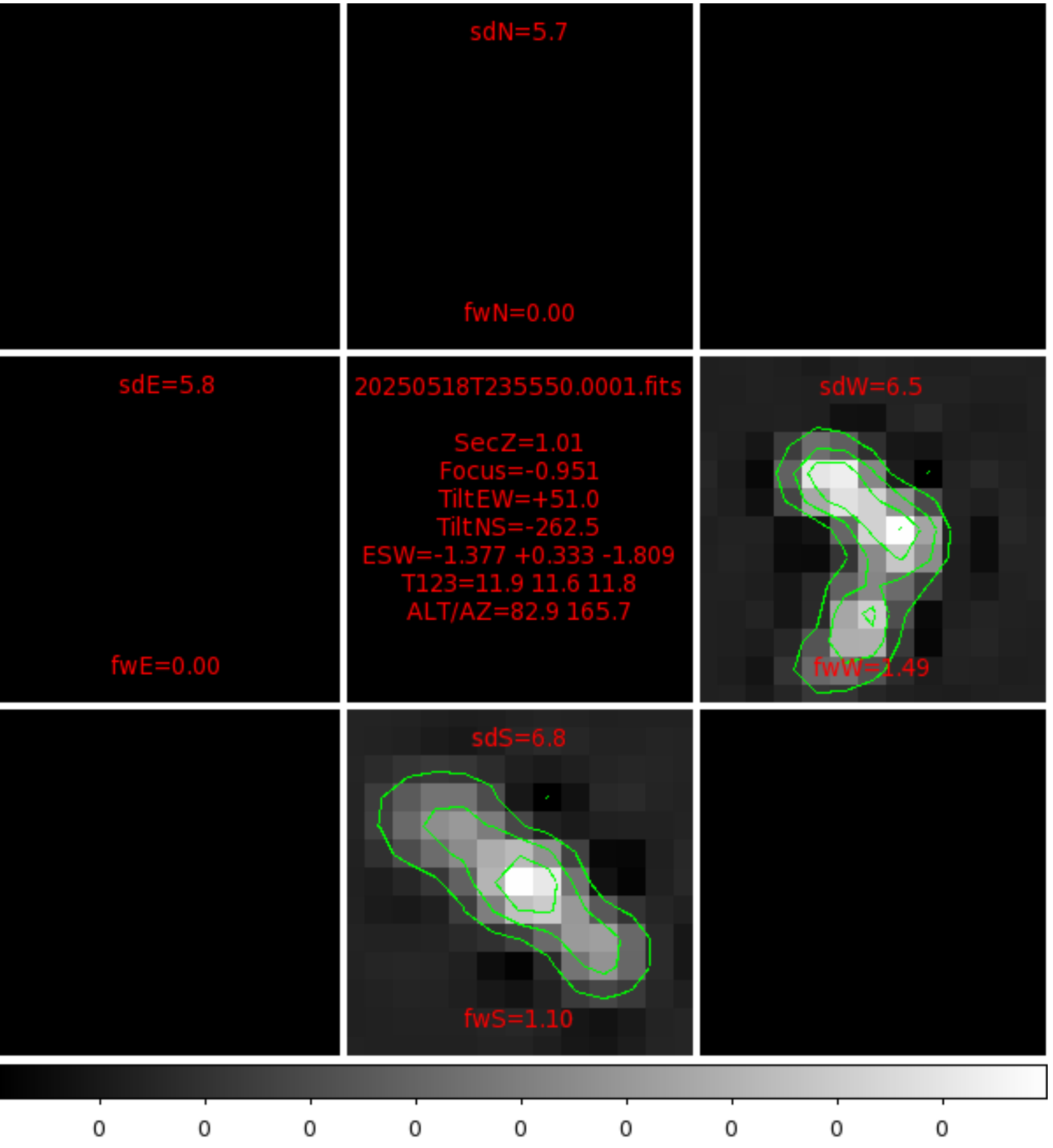
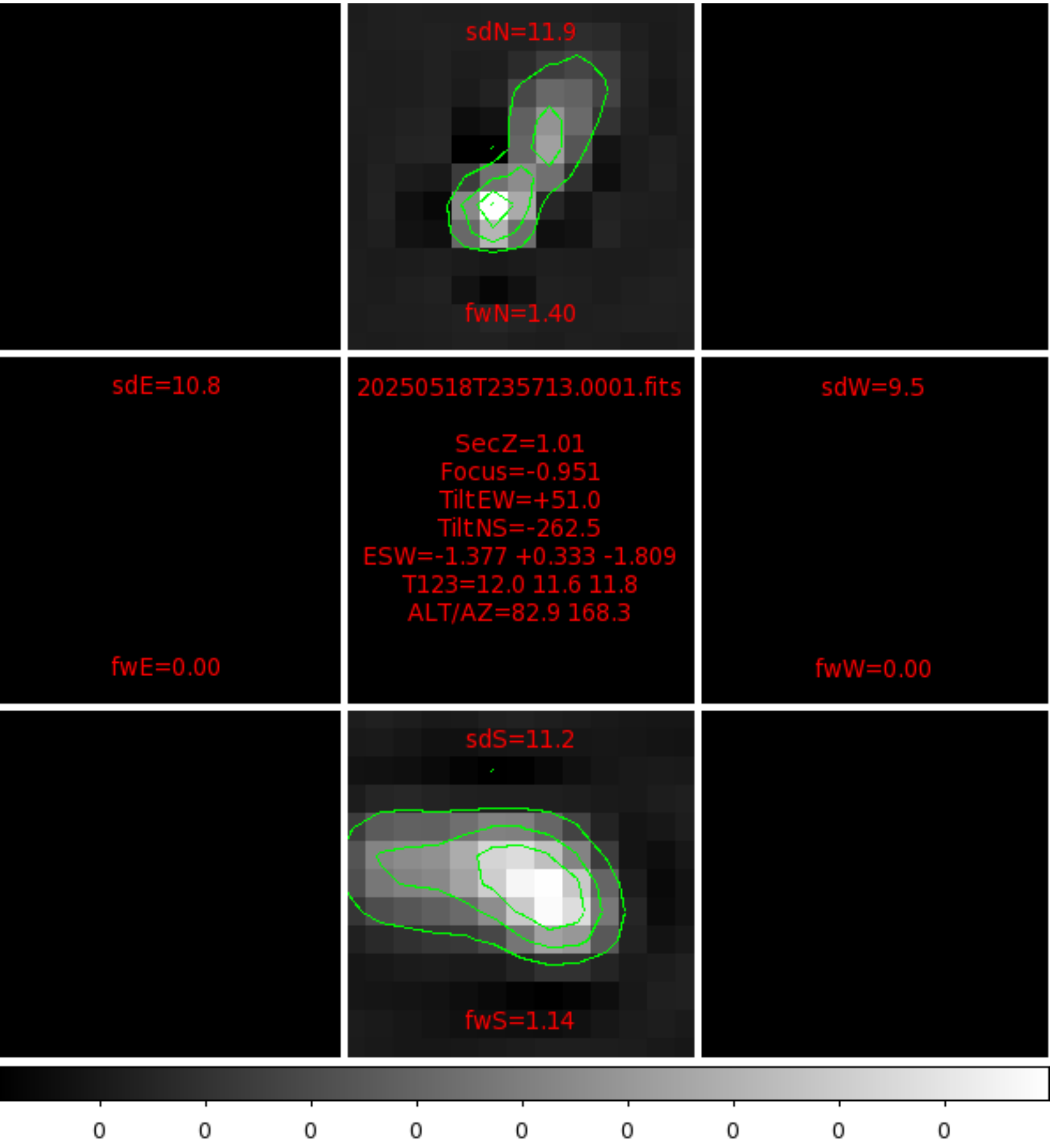
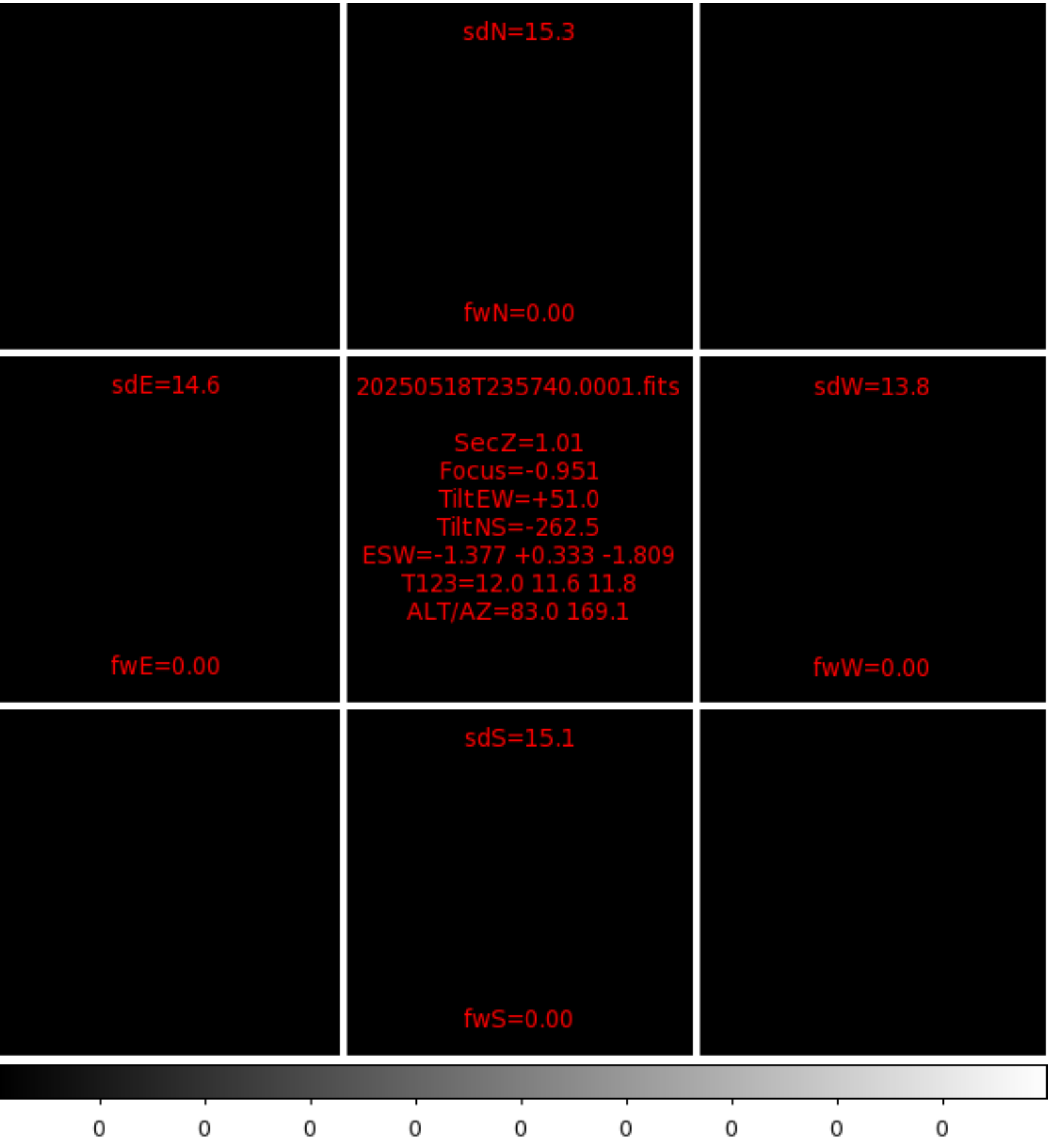
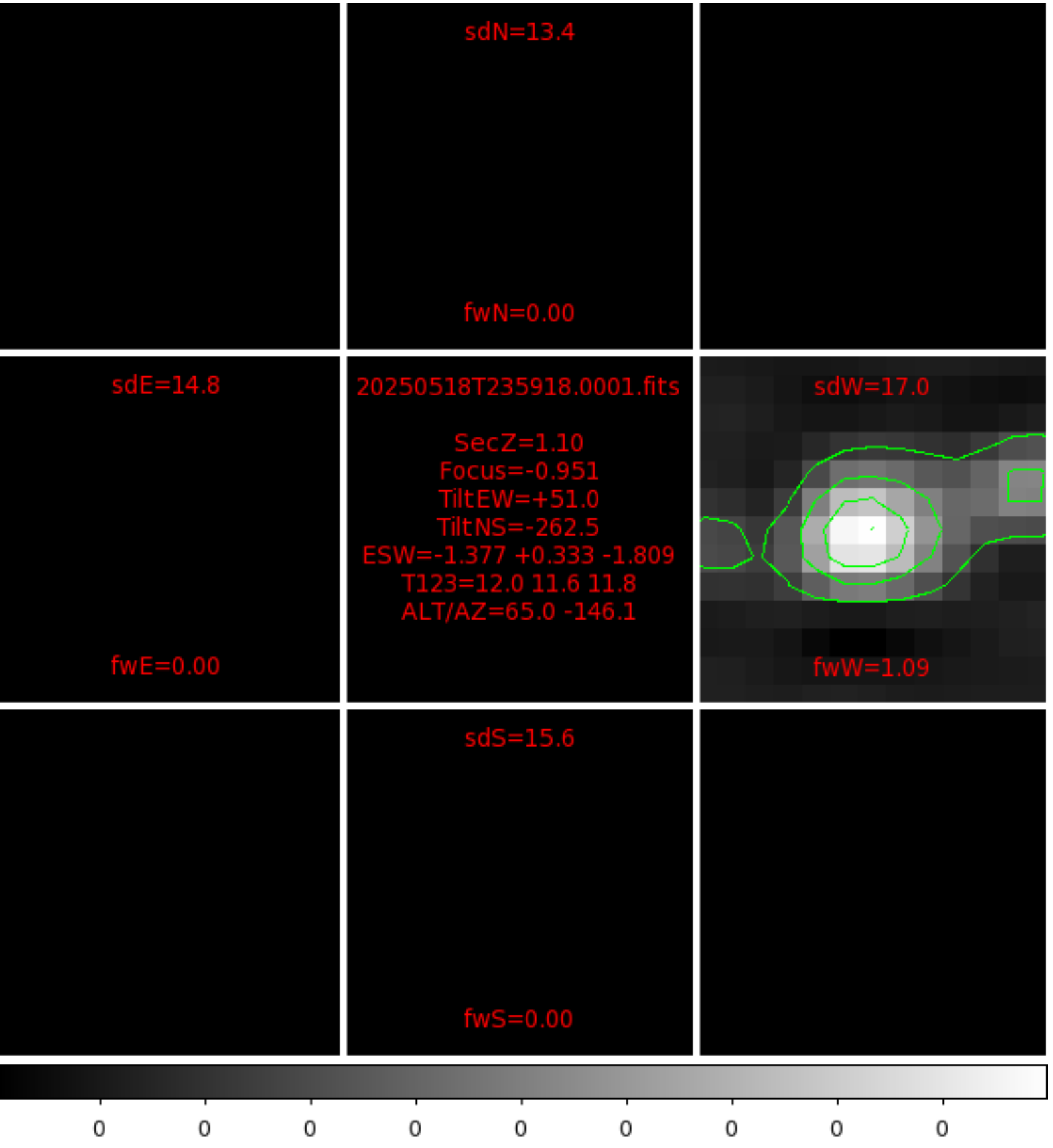
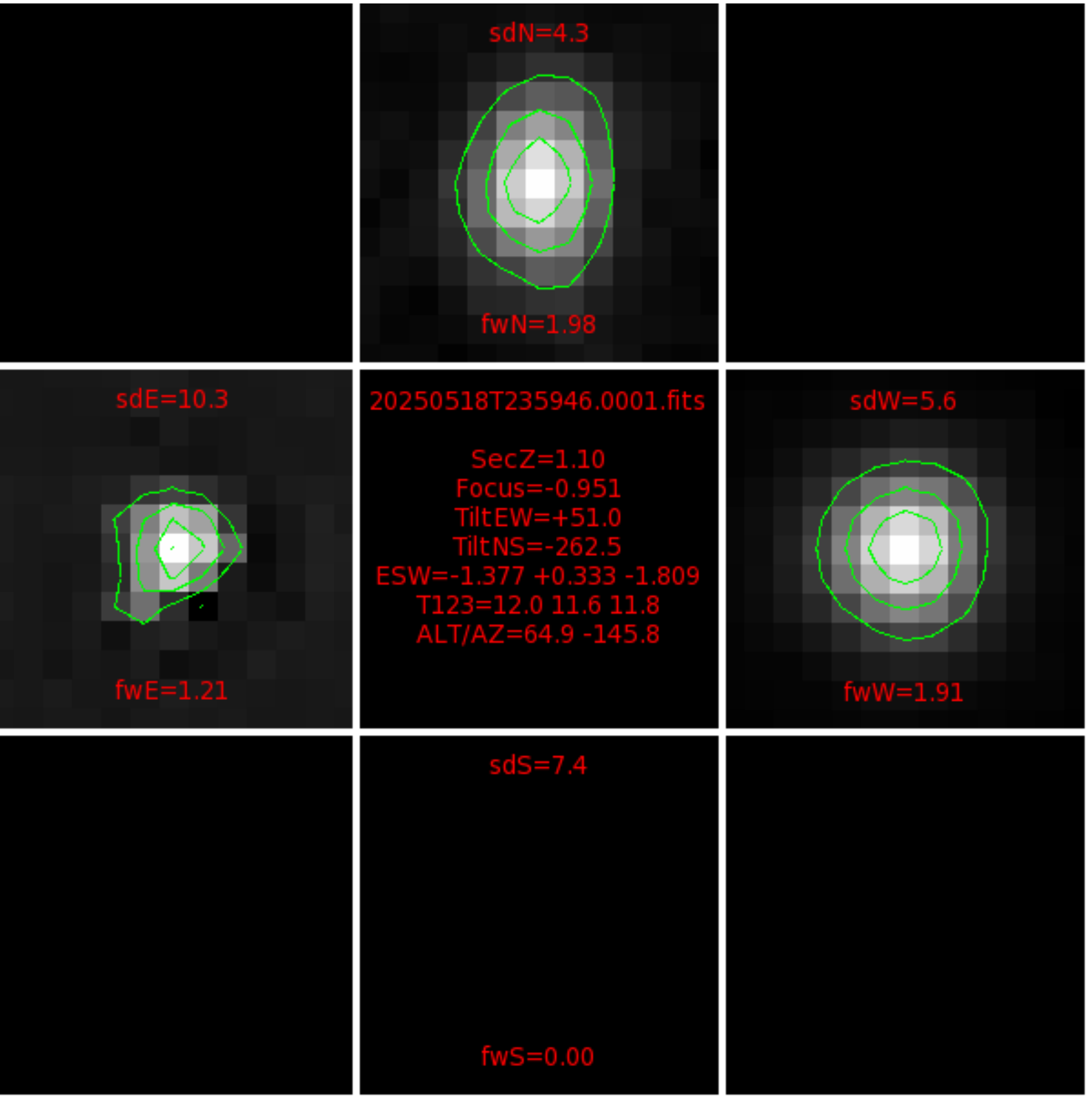

sdN=6.8
fwN=1.06
sdE=6.8
fwE=0.00
20250518T235521.0001.fits
SecZ=1.01
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.0 11.6 11.8
ALT/AZ=82.8 164.9
sdW=7.2
fwW=1.10
sdS=9.3
fwS=4.08
0 0 0 0 0 0 0 0 0

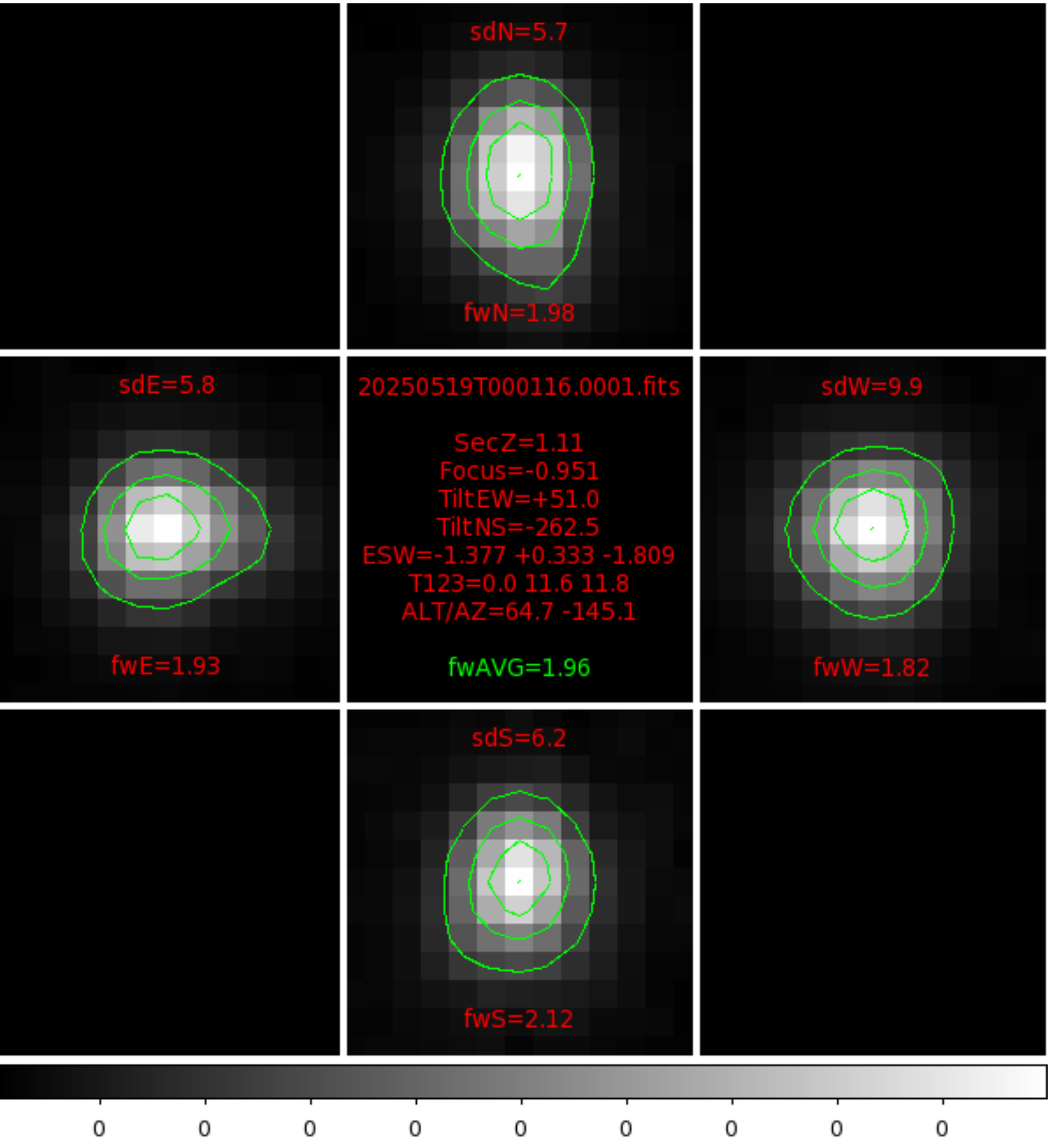

sdN=5.7
fwN=0.00
sdE=5.8
20250518T235550.0001.fits
SecZ=1.01
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=11.9 11.6 11.8
ALT/AZ=82.9 165.7
sdW=6.5
fwE=0.00
fwW=1.49
sdS=6.8
fwS=1.10
0 0 0 0 0 0 0 0 0

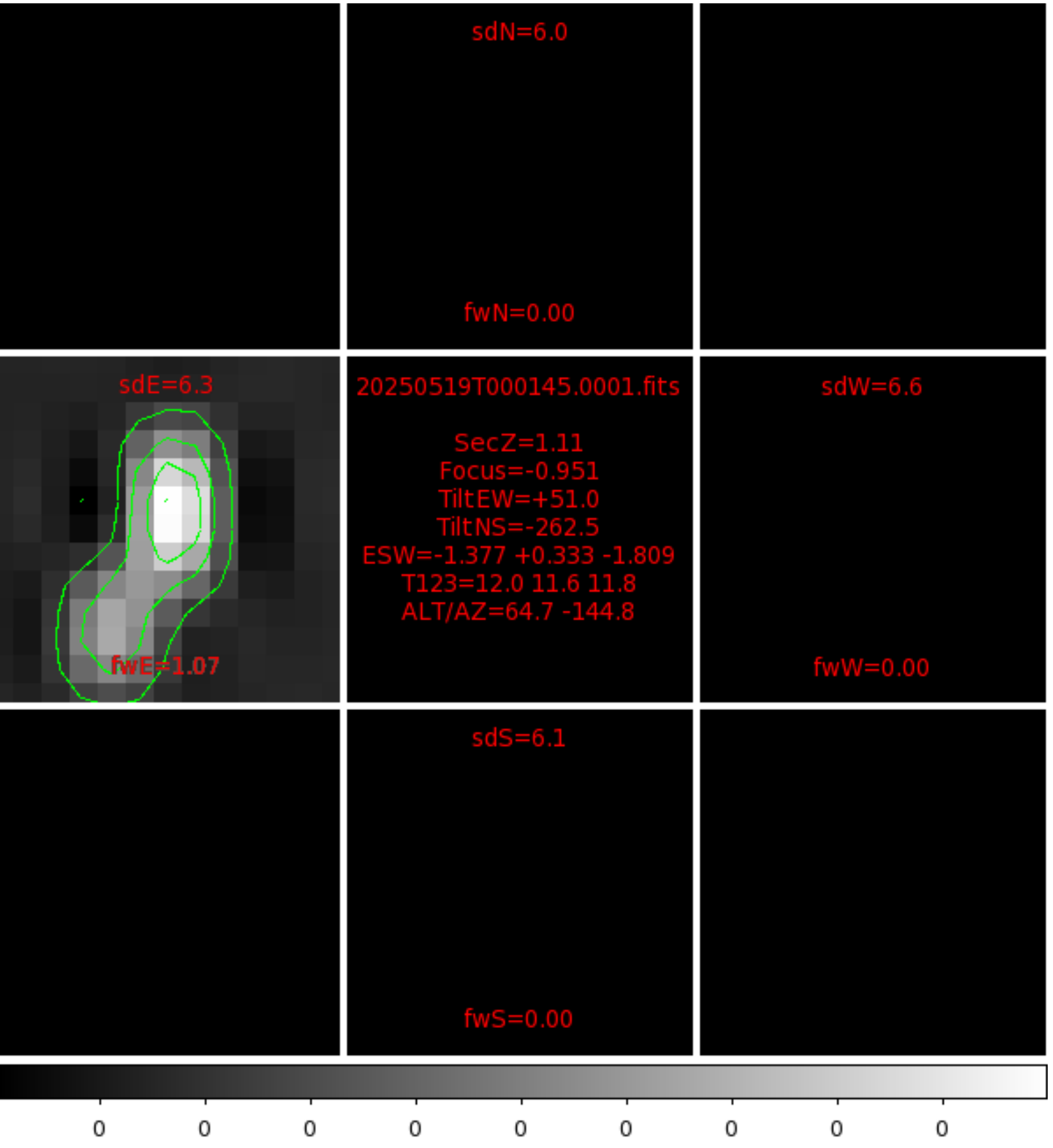

sdN=11.9
fwN=1.40
sdE=10.8
fwE=0.00
20250518T235713.0001.fits
SecZ=1.01
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.0 11.6 11.8
ALT/AZ=82.9 168.3
sdW=9.5
fwW=0.00
sdS=11.2
fwS=1.14
0 0 0 0 0 0 0 0 0

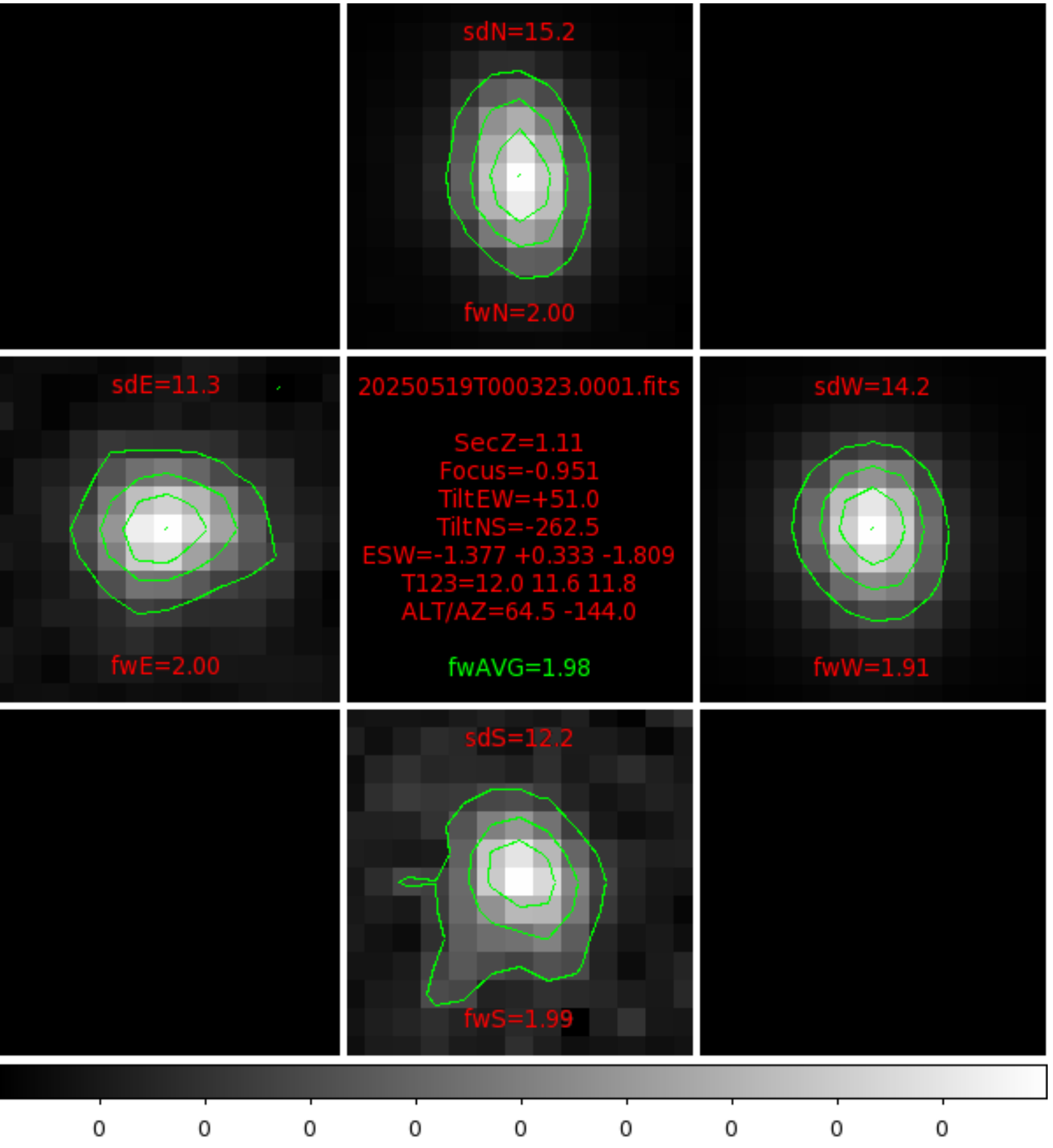

sdN=15.3
fwN=0.00
sdE=14.6
20250518T235740.0001.fits
SecZ=1.01
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.0 11.6 11.8
ALT/AZ=83.0 169.1
sdW=13.8
fwE=0.00
fwW=0.00
sdS=15.1
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=13.4
fwN=0.00
sdE=14.8
20250518T235918.0001.fits
SecZ=1.10
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.0 11.6 11.8
ALT/AZ=65.0 -146.1
sdW=17.0
fwE=0.00
fwW=1.09
sdS=15.6
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=4.3
fwN=1.98
sdE=10.3
fwE=1.21
20250518T235946.0001.fits
SecZ=1.10
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.0 11.6 11.8
ALT/AZ=64.9 -145.8
sdW=5.6
fwW=1.91
sdS=7.4
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=5.7
fwN=1.98
sdE=5.8
fwE=1.93
20250519T000116.0001.fits
SecZ=1.11
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=0.0 11.6 11.8
ALT/AZ=64.7 -145.1
fwAVG=1.96
sdW=9.9
fwW=1.82
sdS=6.2
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=6.0
fwN=0.00
sdE=6.3
fwE=1.07
20250519T000145.0001.fits
SecZ=1.11
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.0 11.6 11.8
ALT/AZ=64.7 -144.8
sdW=6.6
fwW=0.00
sdS=6.1
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=15.2
fwN=2.00
sdE=11.3
fwE=2.00
20250519T000323.0001.fits
SecZ=1.11
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.0 11.6 11.8
ALT/AZ=64.5 -144.0
fwAVG=1.98
sdW=14.2
fwW=1.91
sdS=12.2
fwS=1.99
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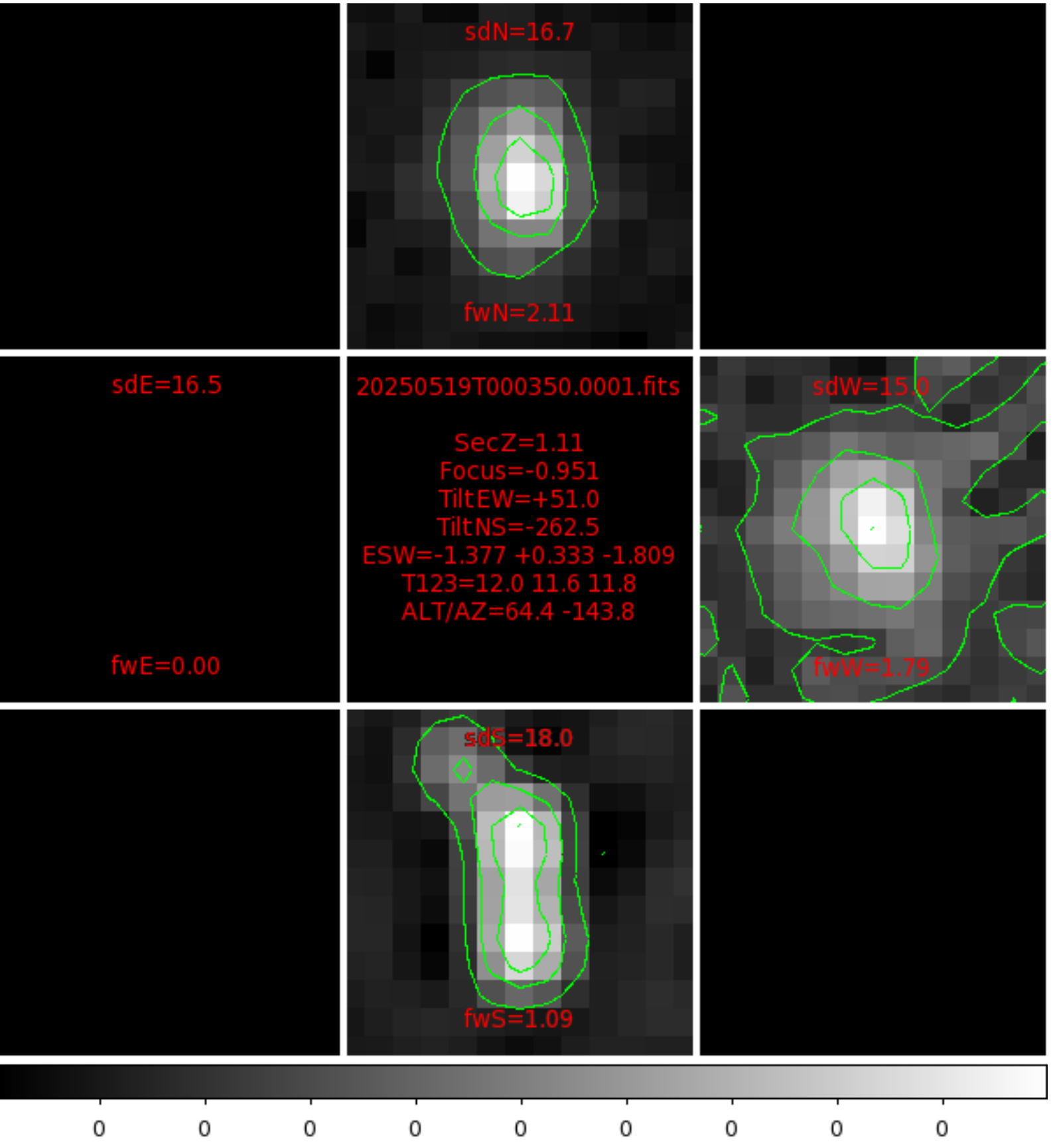
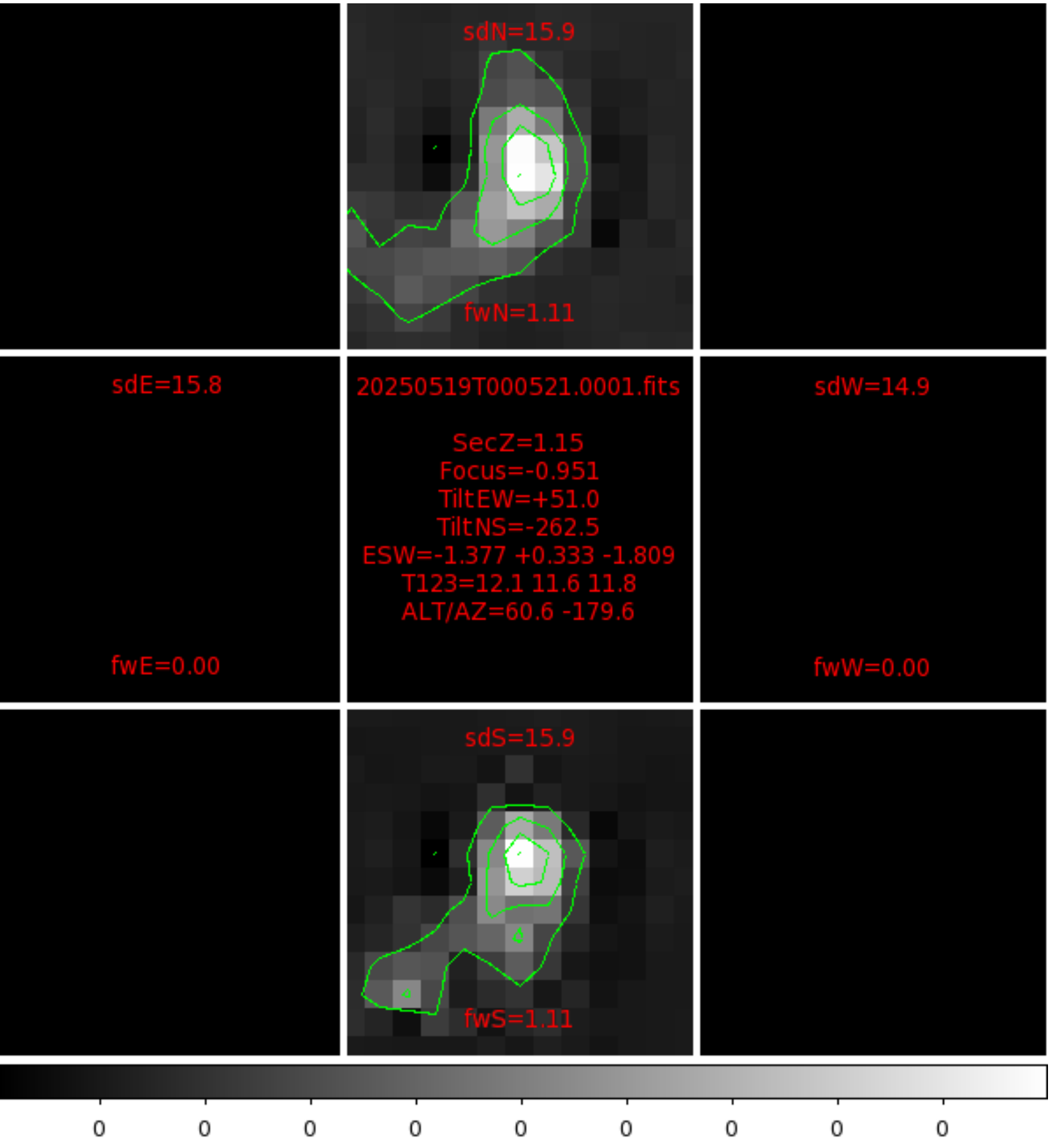
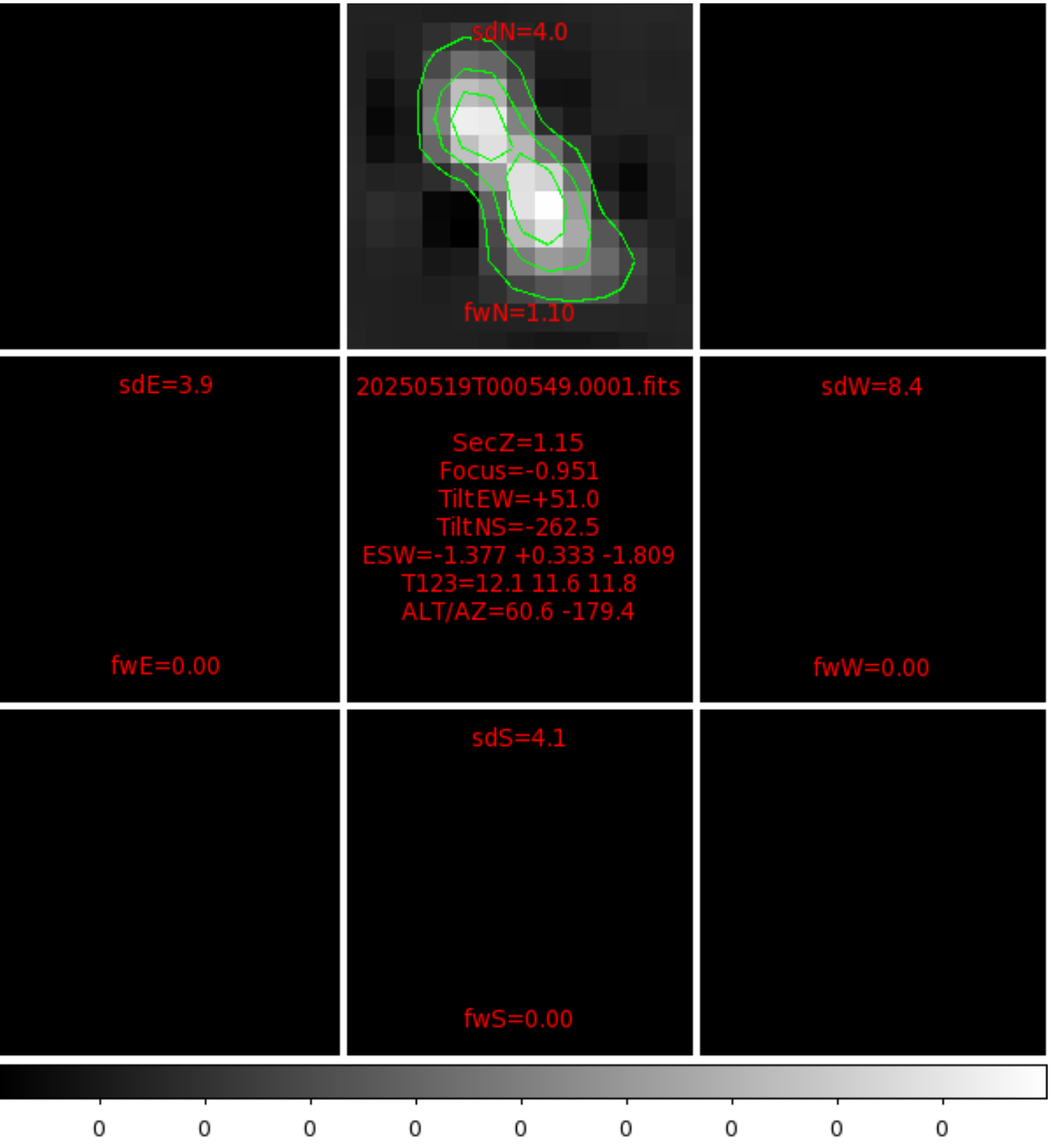

sdN=16.7
fwN=2.11
sdE=16.5
fwE=0.00
20250519T000350.0001.fits
SecZ=1.11
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.0 11.6 11.8
ALT/AZ=64.4 -143.8
sdW=15.0
fwW=1.79
sdS=18.0
fwS=1.09
0 0 0 0 0 0 0 0 0


sdN=15.9
fwN=1.11
sdE=15.8
fwE=0.00
20250519T000521.0001.fits
SecZ=1.15
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.1 11.6 11.8
ALT/AZ=60.6 -179.6
sdW=14.9
fwW=0.00
sdS=15.9
fwS=1.11
0 0 0 0 0 0 0 0 0


sdN=4.0
fwN=1.10
sdE=3.9
20250519T000549.0001.fits
SecZ=1.15
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.1 11.6 11.8
ALT/AZ=60.6 -179.4
sdW=8.4
fwE=0.00
fwW=0.00
sdS=4.1
fwS=0.00
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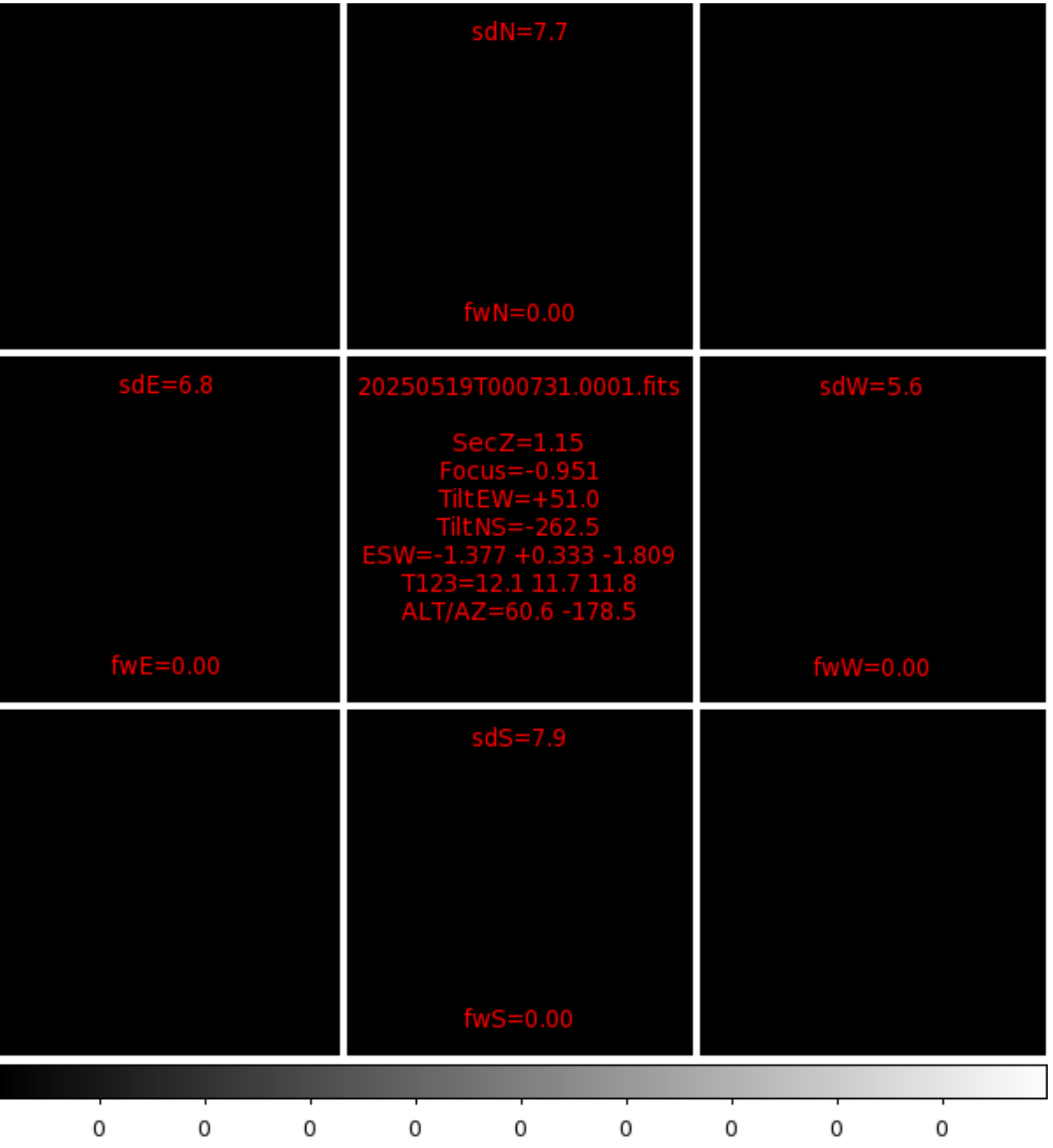
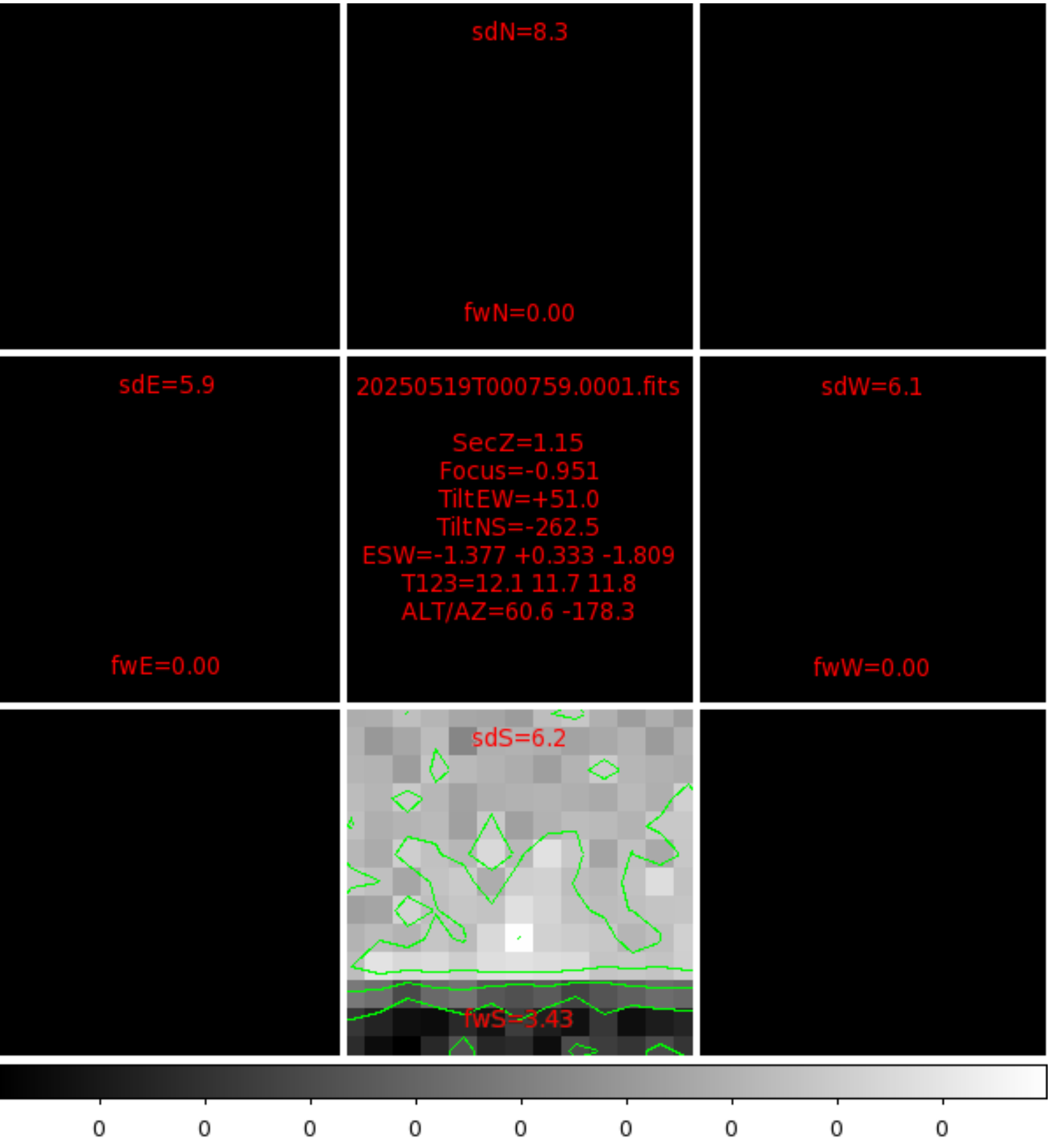
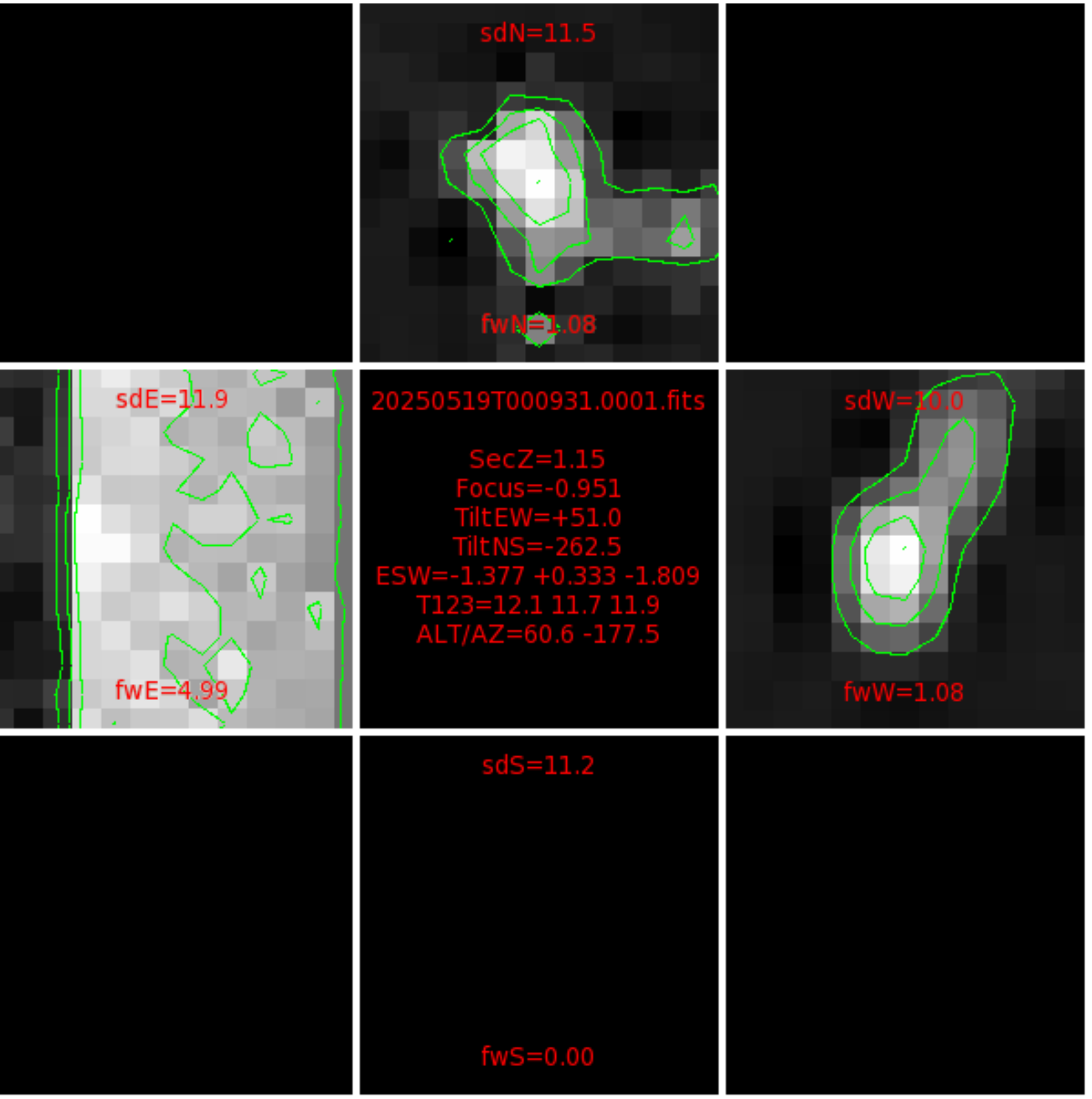
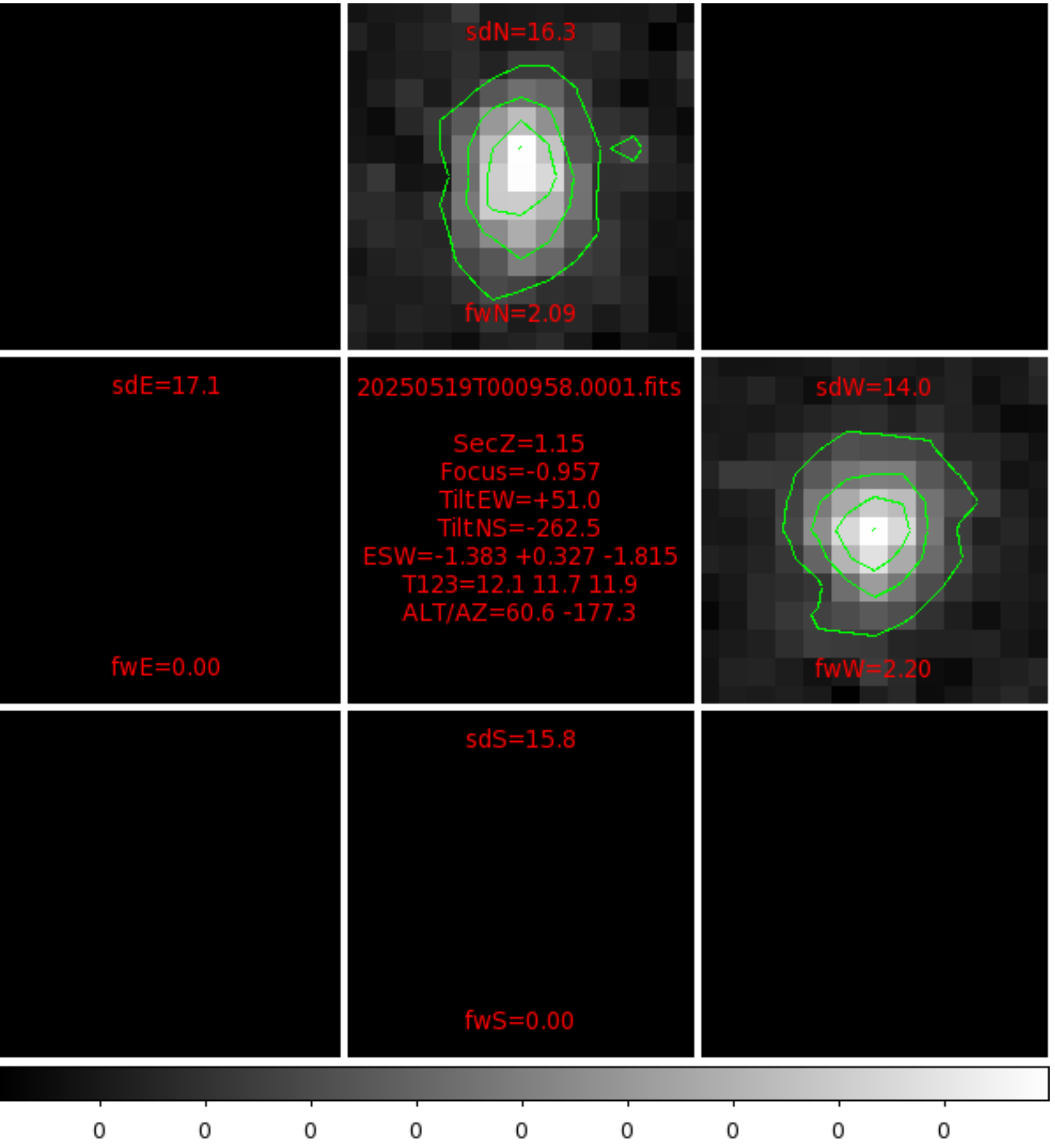
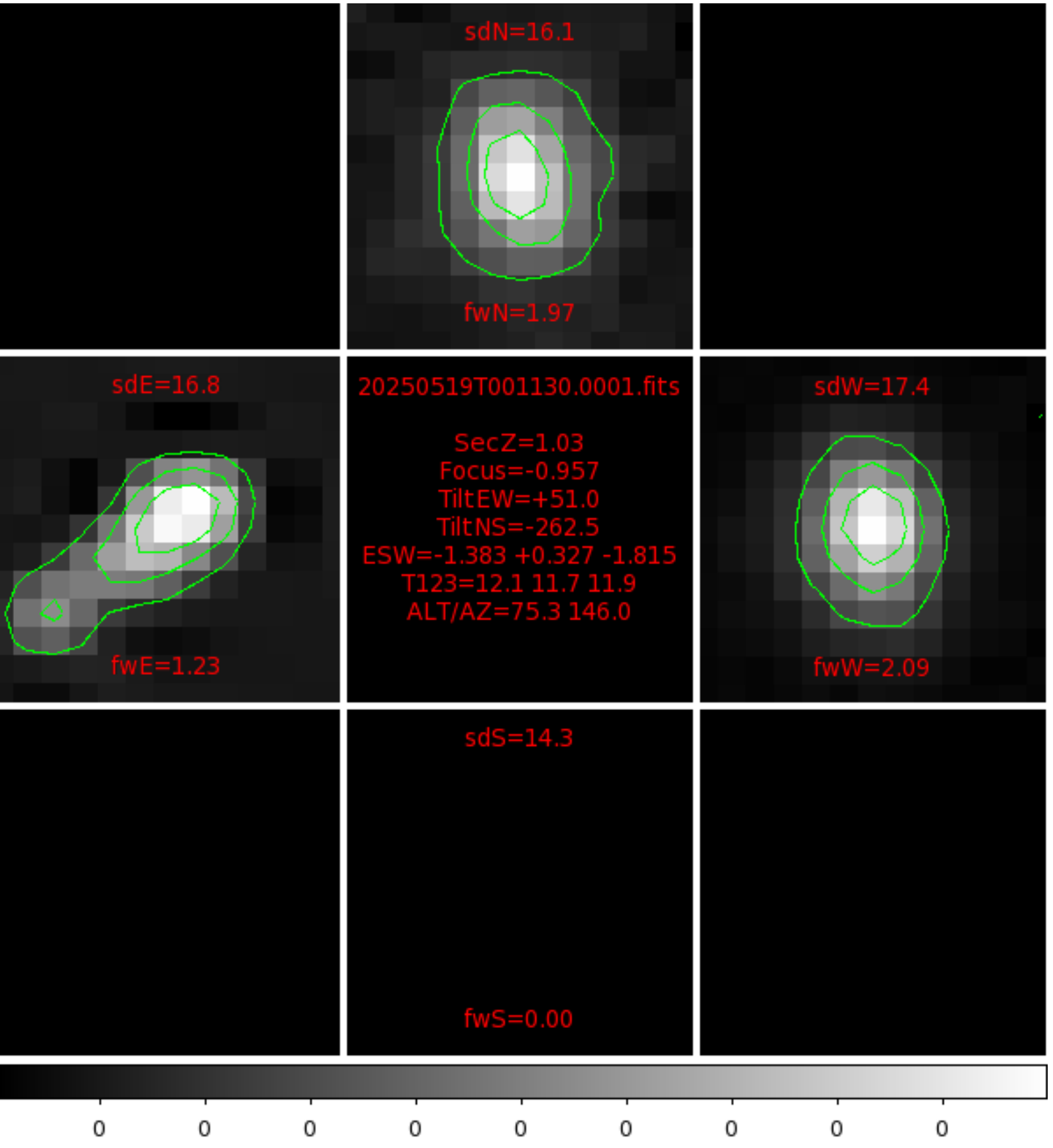
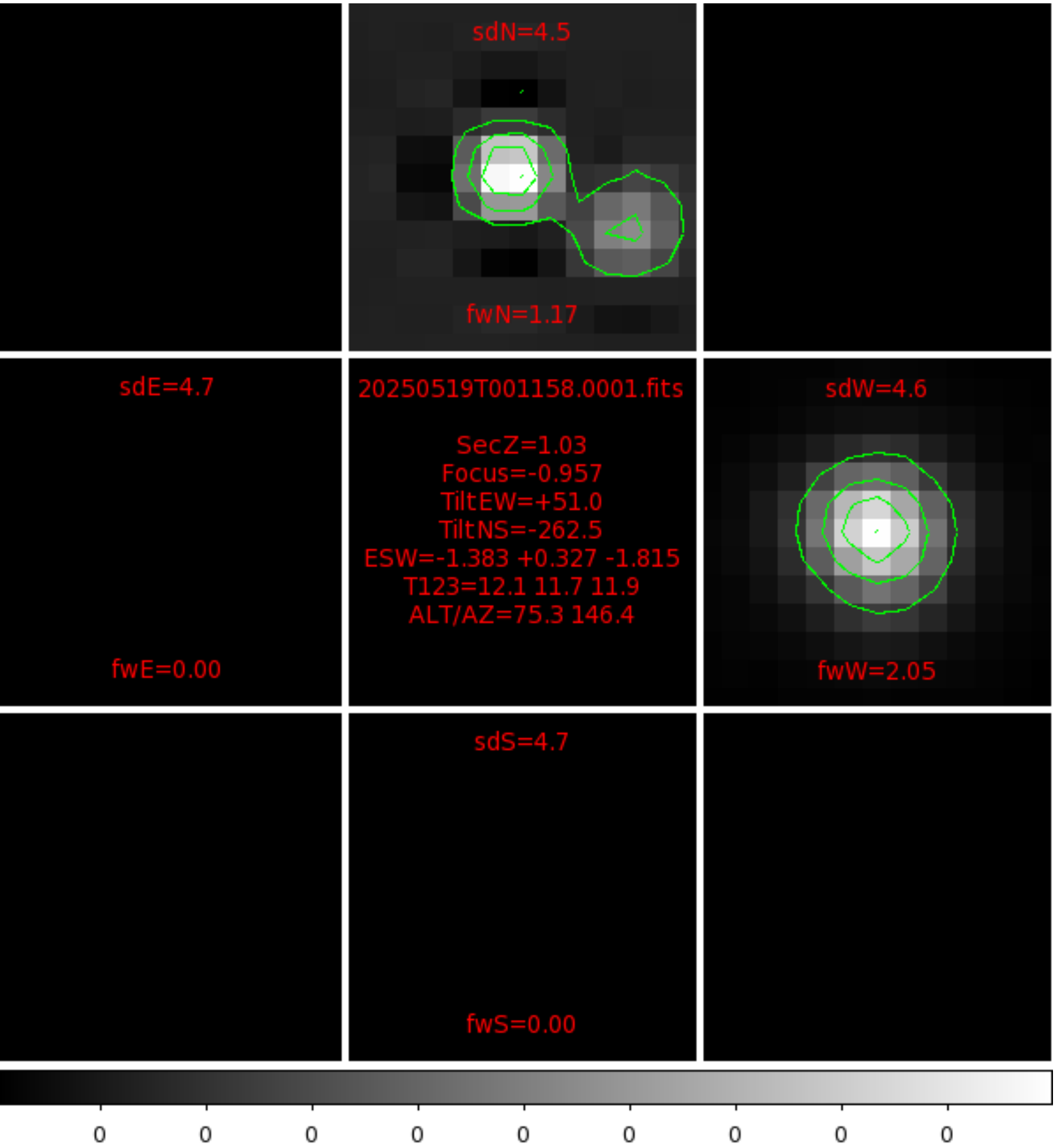

sdN=7.7
fwN=0.00
sdE=6.8
20250519T000731.0001.fits
SecZ=1.15
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.1 11.7 11.8
ALT/AZ=60.6 -178.5
sdW=5.6
fwE=0.00
fwW=0.00
sdS=7.9
fwS=0.00
0 0 0 0 0 0 0 0 0

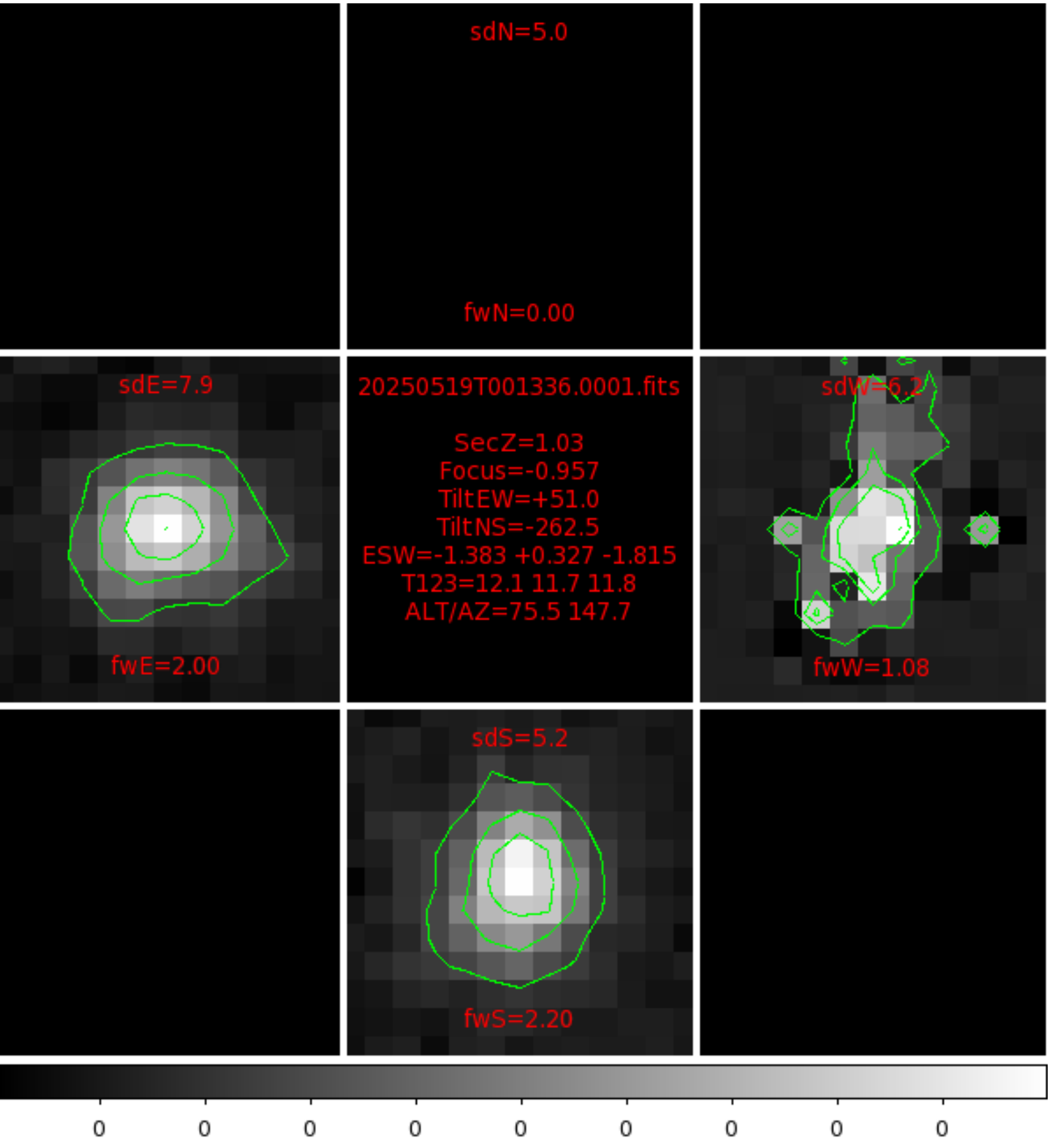

sdN=8.3
fwN=0.00
sdE=5.9
20250519T000759.0001.fits
SecZ=1.15
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.1 11.7 11.8
ALT/AZ=60.6 -178.3
sdW=6.1
fwE=0.00
fwW=0.00
sdS=6.2
fwS=3.43
0 0 0 0 0 0 0 0 0


sdN=11.5
fwN=1.08
sdE=11.9
fwE=4.99
20250519T000931.0001.fits
SecZ=1.15
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.1 11.7 11.9
ALT/AZ=60.6 -177.5
sdW=10.0
fwW=1.08
sdS=11.2
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=16.3
fwN=2.09
sdE=17.1
fwE=0.00
20250519T000958.0001.fits
SecZ=1.15
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.9
ALT/AZ=60.6 -177.3
sdW=14.0
fwW=2.20
sdS=15.8
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=16.1
fwN=1.97
sdE=16.8
fwE=1.23
20250519T001130.0001.fits
SecZ=1.03
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.9
ALT/AZ=75.3 146.0
sdW=17.4
fwW=2.09
sdS=14.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=4.5
fwN=1.17
sdE=4.7
fwE=0.00
20250519T001158.0001.fits
SecZ=1.03
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.9
ALT/AZ=75.3 146.4
sdW=4.6
fwW=2.05
sdS=4.7
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=5.0
fwN=0.00
sdE=7.9
fwE=2.00
20250519T001336.0001.fits
SecZ=1.03
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.8
ALT/AZ=75.5 147.7
sdW=6.2
fwW=1.08
sdS=5.2
fwS=2.20
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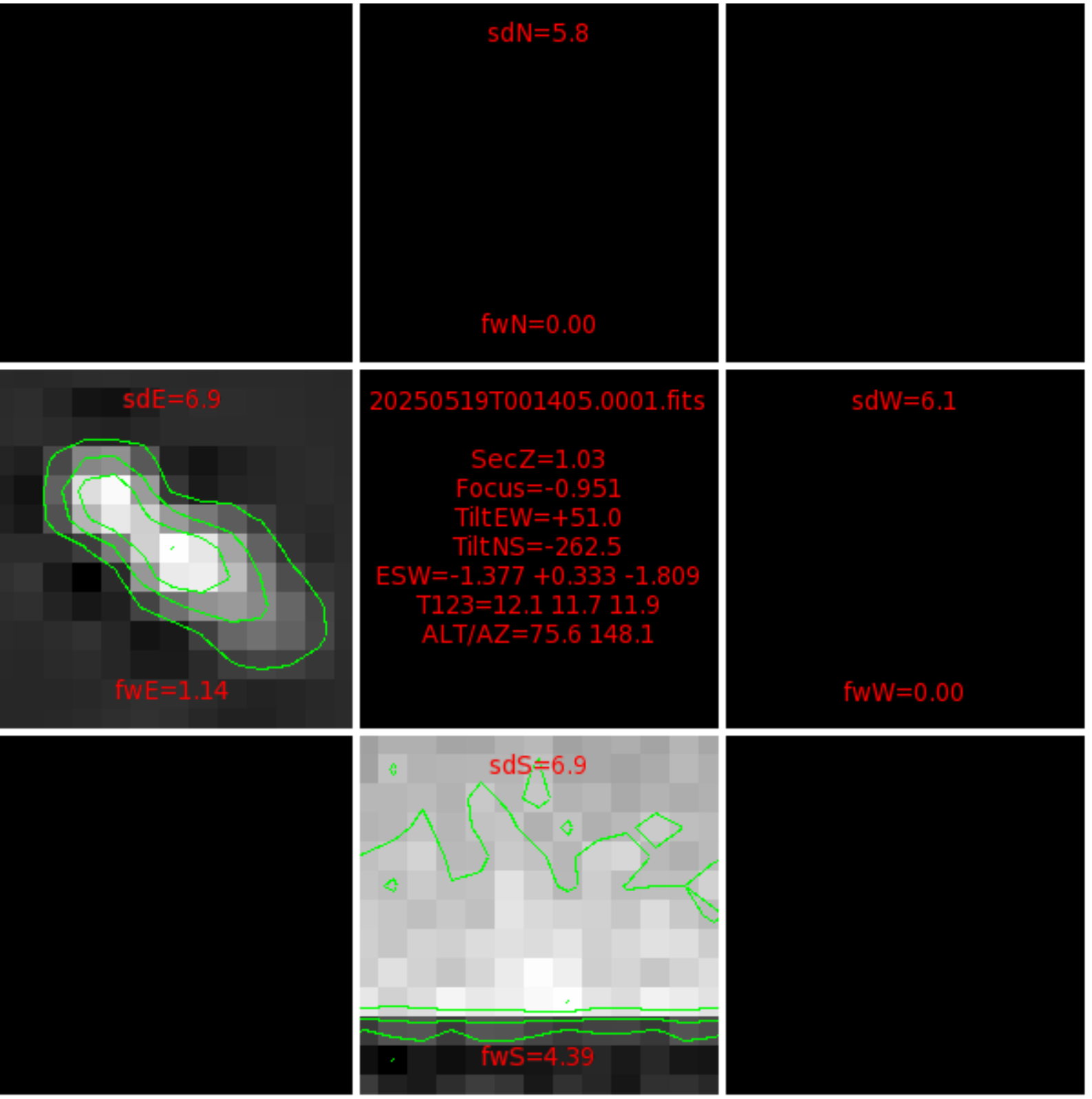
sdN=5.8
fwN=0.00
sdE=6.9
fwE=1.14
20250519T001405.0001.fits
SecZ=1.03
Focus=-0.951
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.377 +0.333 -1.809
T123=12.1 11.7 11.9
ALT/AZ=75.6 148.1
sdW=6.1
fwW=0.00
sdS=6.9
fwS=4.39
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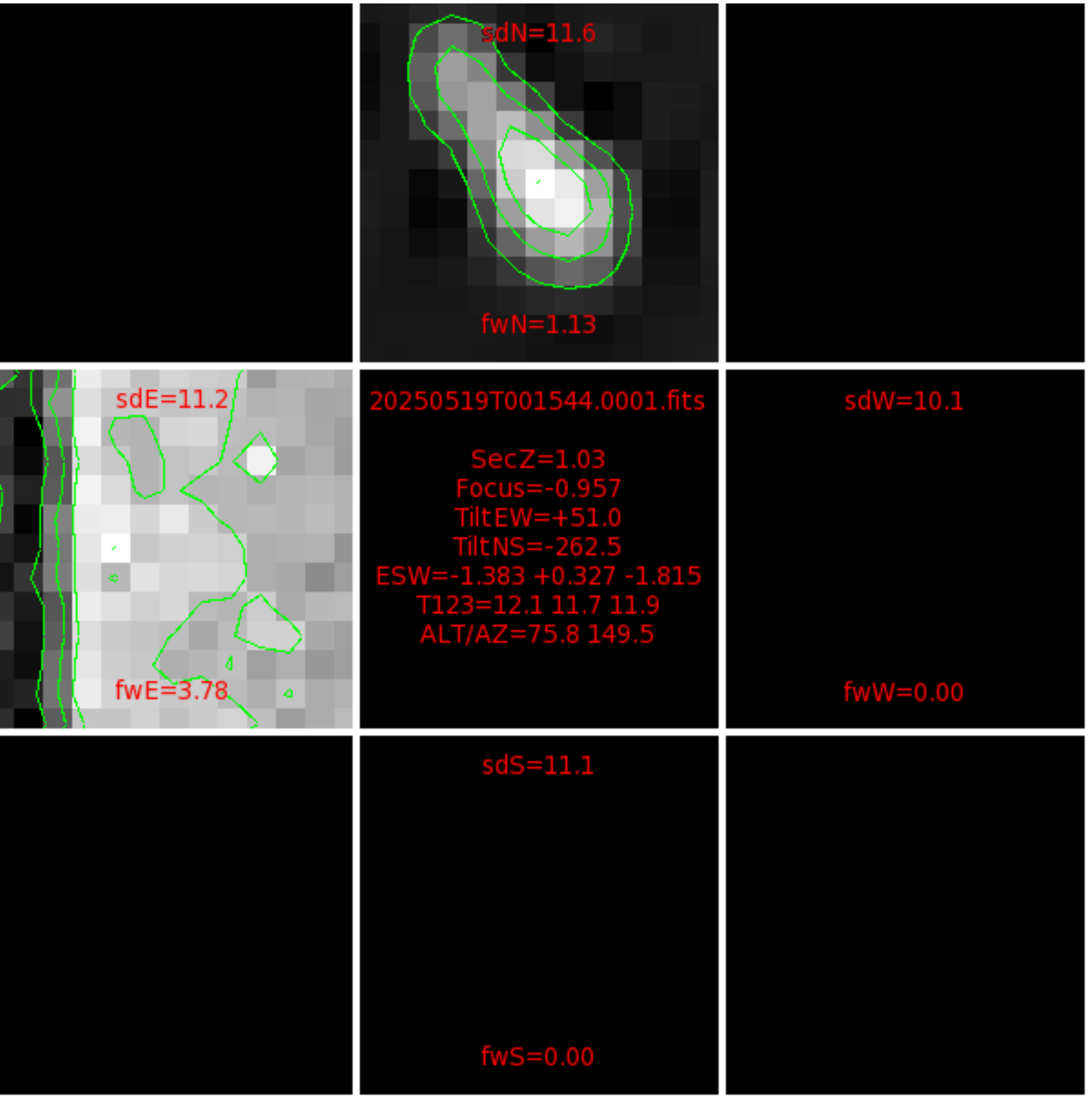
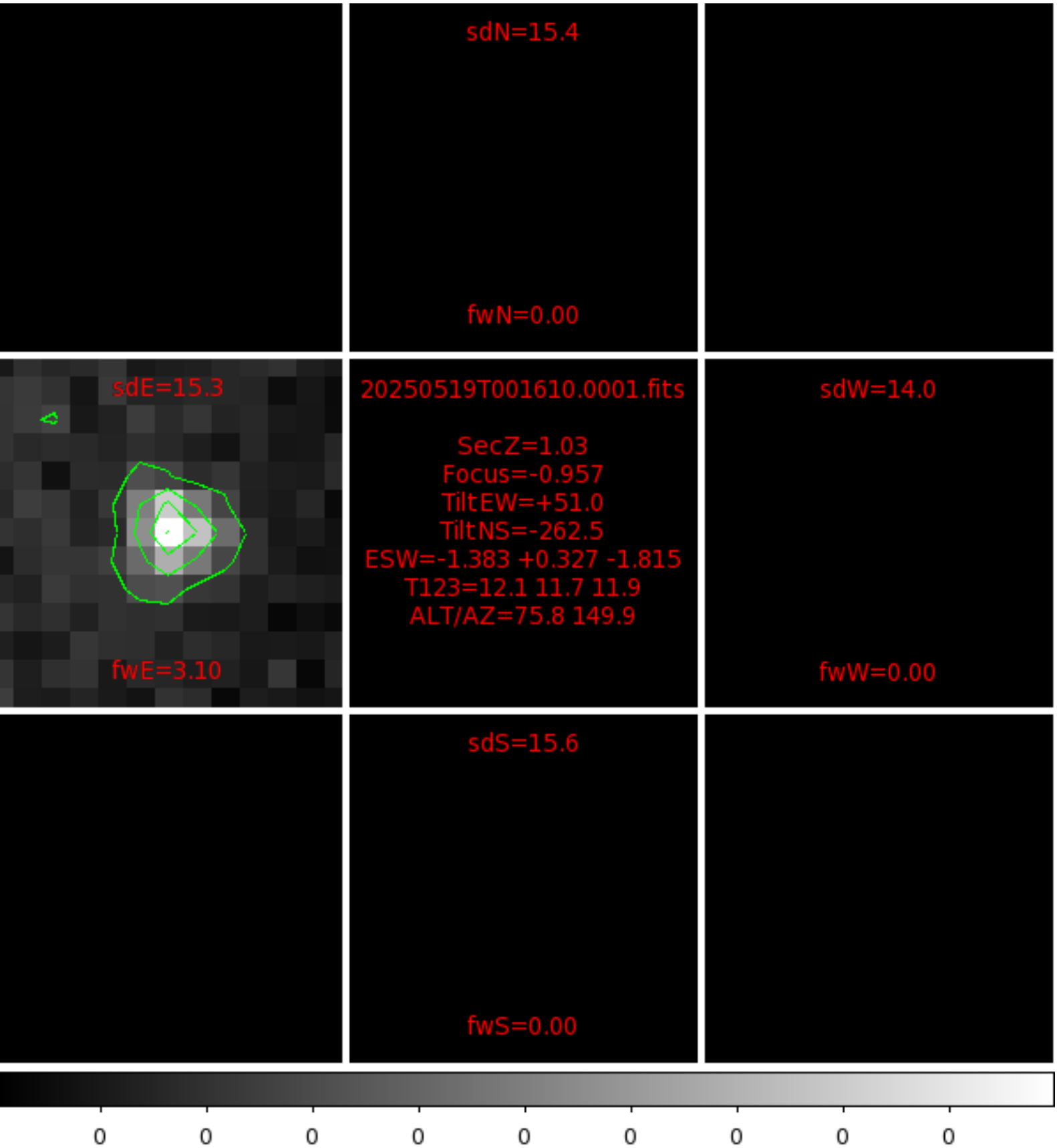
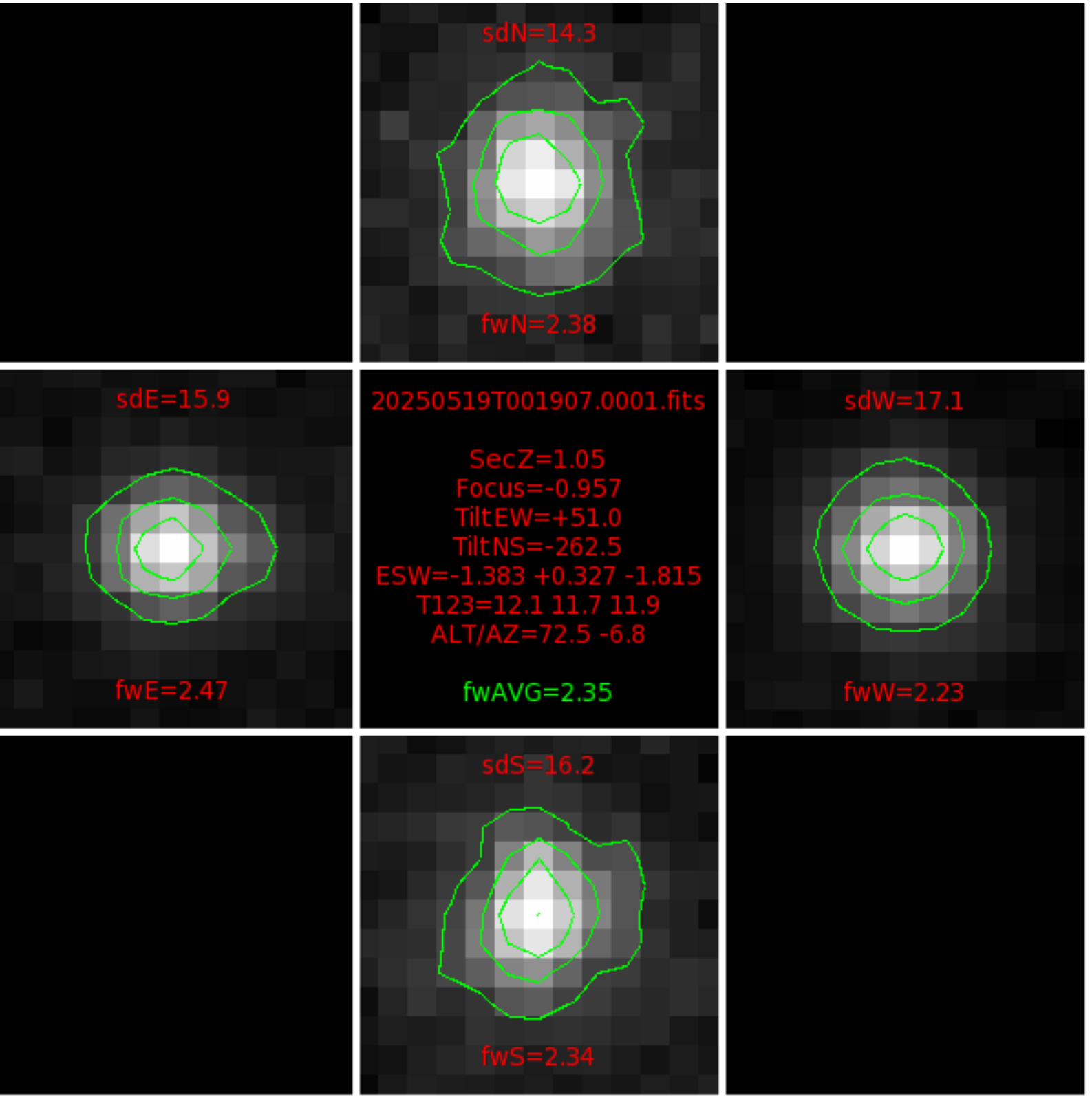

sdN=11.6
fwN=1.13
sdE=11.2
fwE=3.78
20250519T001544.0001.fits
SecZ=1.03
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.9
ALT/AZ=75.8 149.5
sdW=10.1
fwW=0.00
sdS=11.1
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=15.4
fwN=0.00
sdE=15.3
fwE=3.10
20250519T001610.0001.fits
SecZ=1.03
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.9
ALT/AZ=75.8 149.9
sdW=14.0
fwW=0.00
sdS=15.6
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=14.3
fwN=2.38
sdE=15.9
fwE=2.47
20250519T001907.0001.fits
SecZ=1.05
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.9
ALT/AZ=72.5 -6.8
fwAVG=2.35
sdW=17.1
fwW=2.23
sdS=16.2
fwS=2.34
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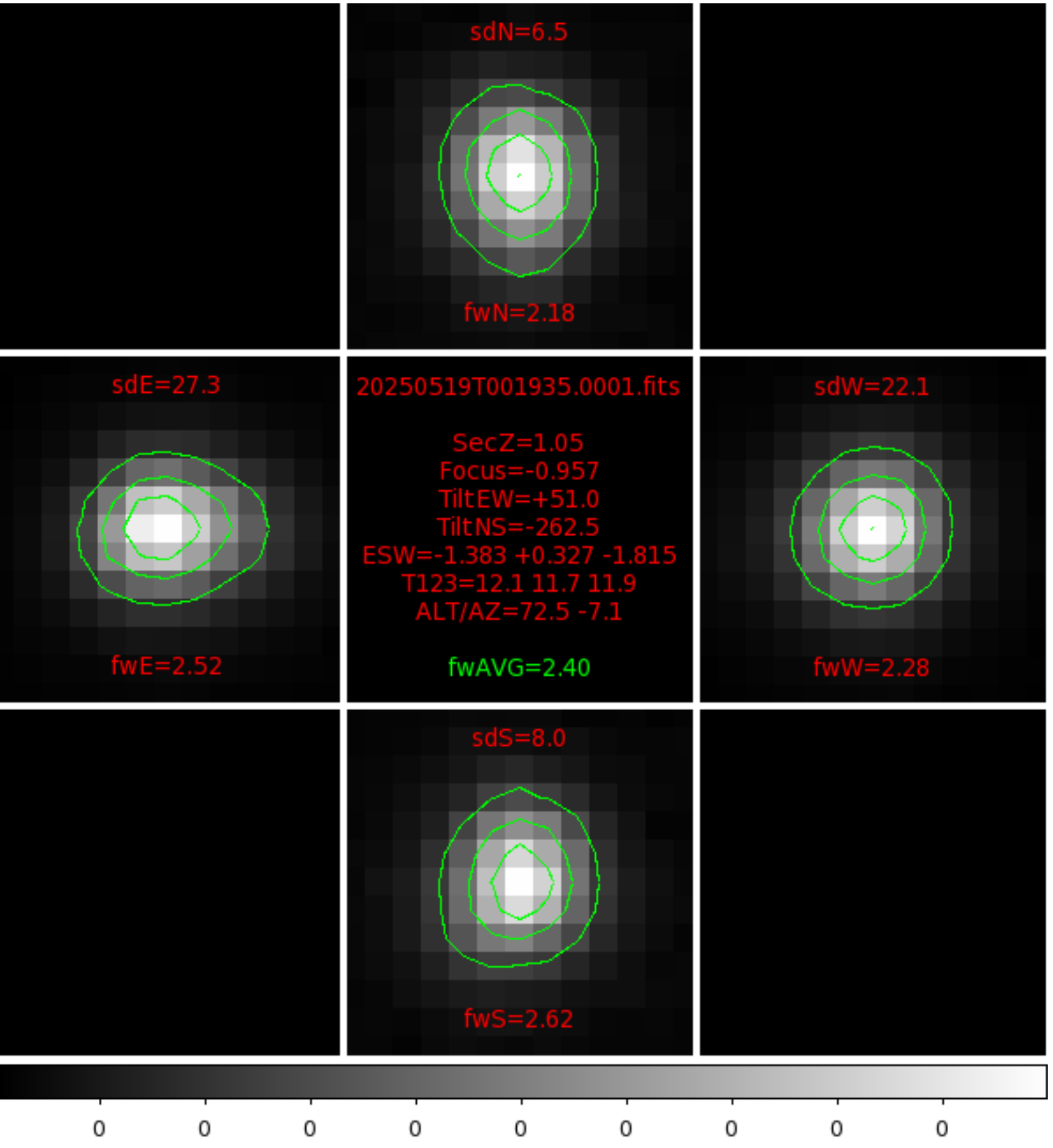
sdN=6.5
fwN=2.18
sdE=27.3
fwE=2.52
20250519T001935.0001.fits
SecZ=1.05
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.9
ALT/AZ=72.5 -7.1
fwAVG=2.40
sdW=22.1
fwW=2.28
sdS=8.0
fwS=2.62
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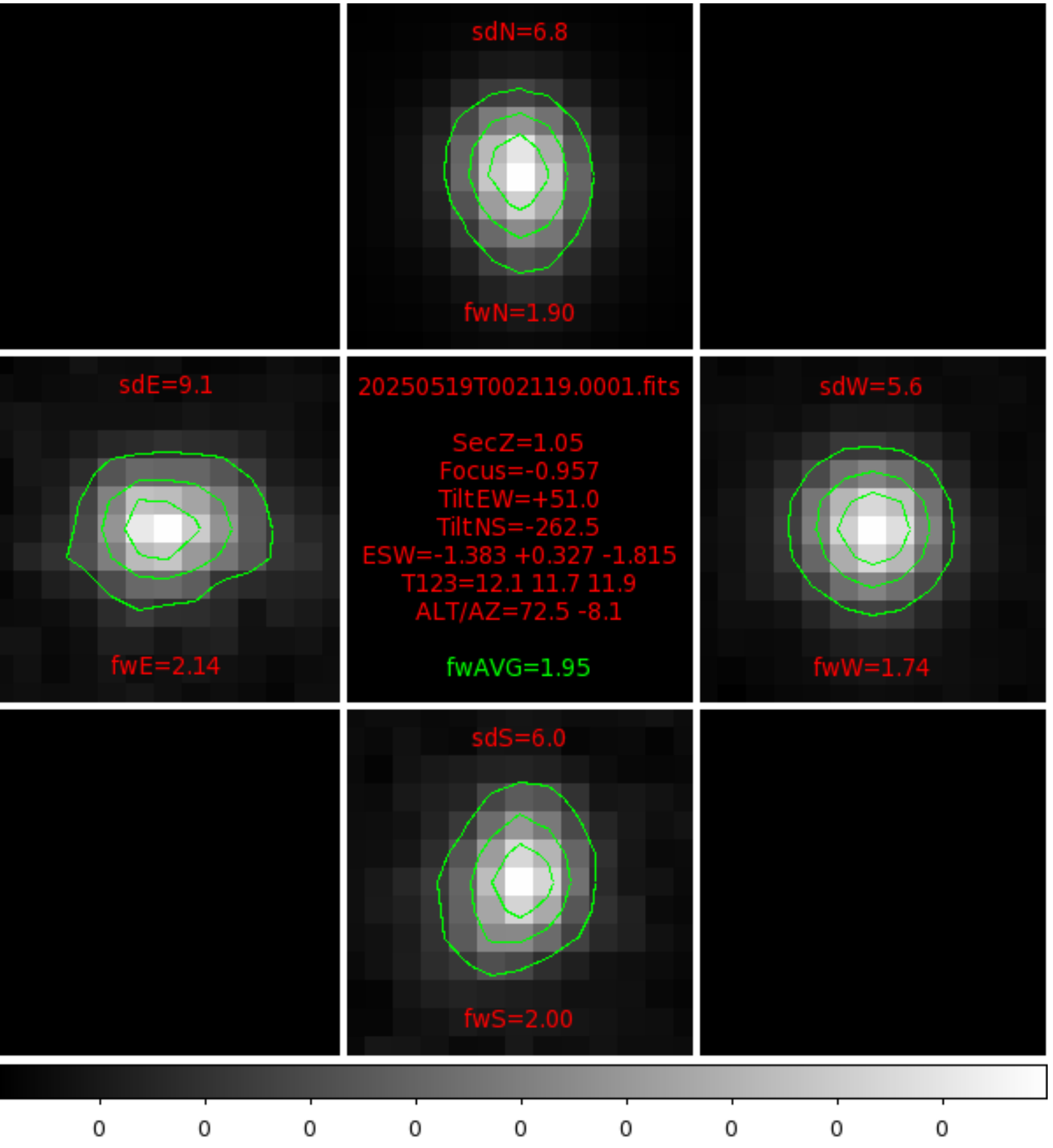
sdN=6.8
fwN=1.90
sdE=9.1
fwE=2.14
20250519T002119.0001.fits
SecZ=1.05
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.9
ALT/AZ=72.5 -8.1
fwAVG=1.95
sdW=5.6
fwW=1.74
sdS=6.0
fwS=2.00
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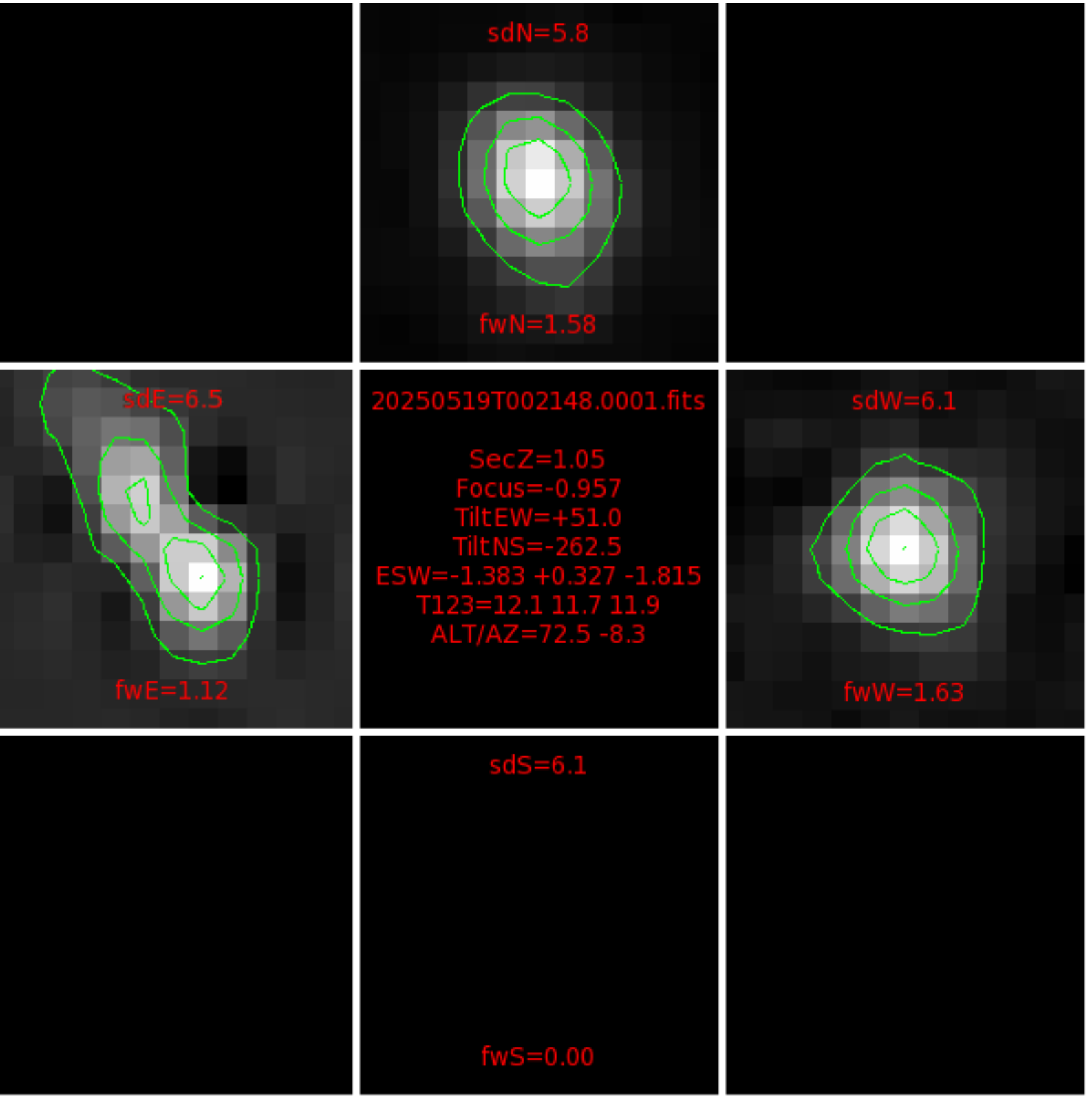
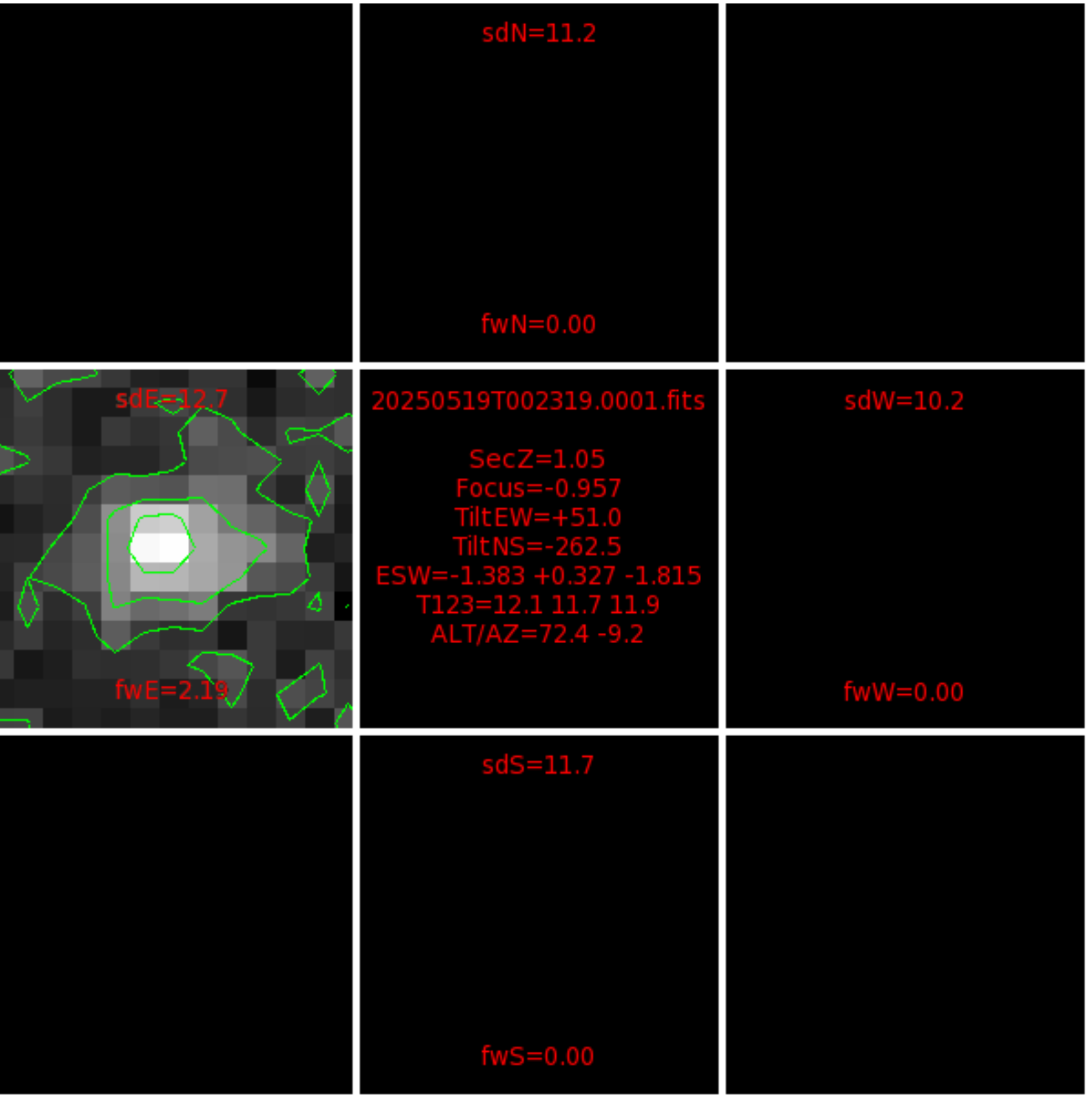
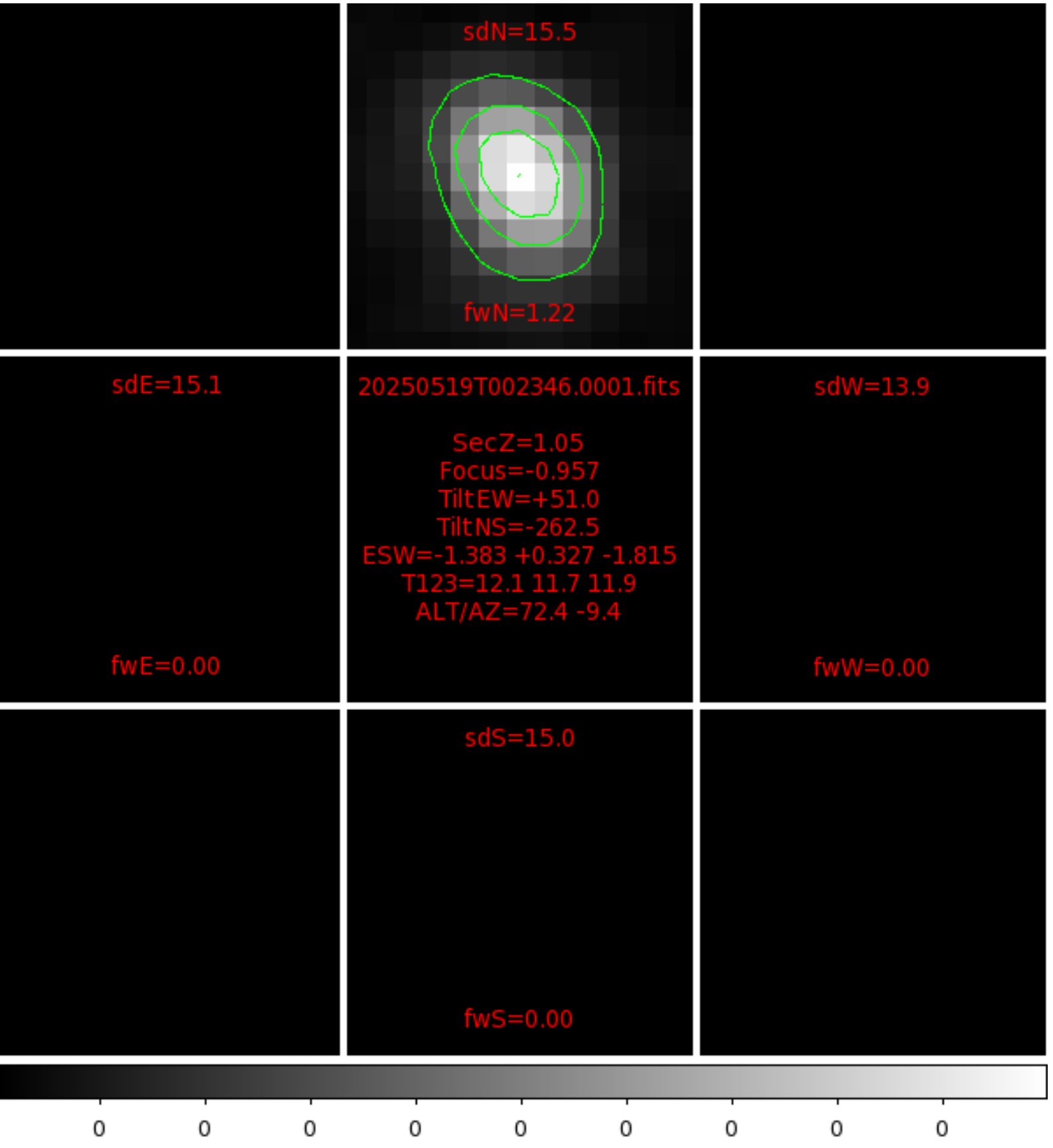
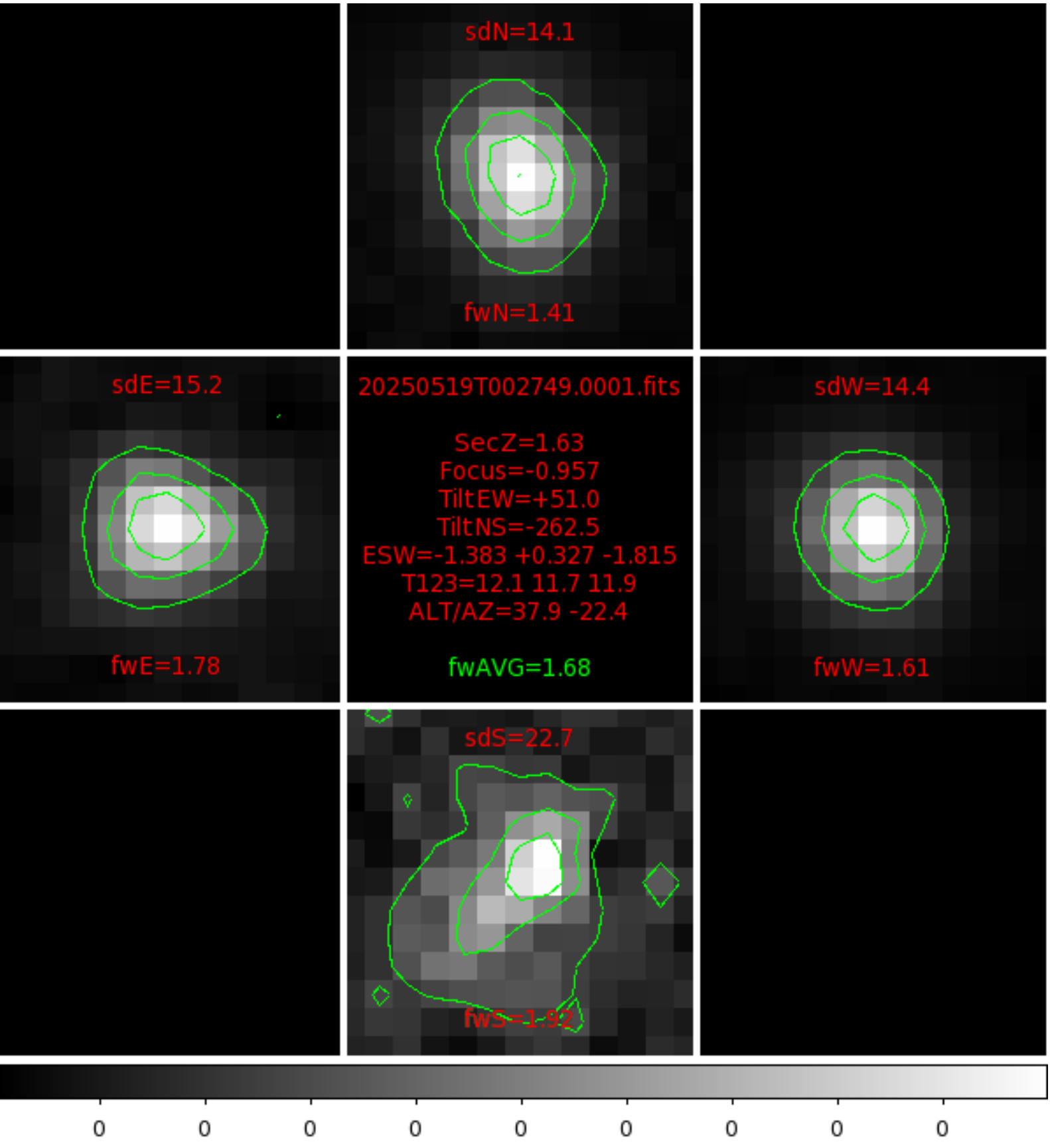

sdN=5.8
fwN=1.58
sdE=6.5
fwE=1.12
20250519T002148.0001.fits
SecZ=1.05
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.9
ALT/AZ=72.5 -8.3
sdW=6.1
fwW=1.63
sdS=6.1
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=11.2
fwN=0.00
sdE=12.7
fwE=2.19
20250519T002319.0001.fits
SecZ=1.05
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.9
ALT/AZ=72.4 -9.2
sdW=10.2
fwW=0.00
sdS=11.7
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=15.5
fwN=1.22
sdE=15.1
fwE=0.00
20250519T002346.0001.fits
SecZ=1.05
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.9
ALT/AZ=72.4 -9.4
sdW=13.9
fwW=0.00
sdS=15.0
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=14.1
fwN=1.41
sdE=15.2
fwE=1.78
20250519T002749.0001.fits
SecZ=1.63
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.7 11.9
ALT/AZ=37.9 -22.4
fwAVG=1.68
sdW=14.4
fwW=1.61
sdS=22.7
fwS=1.92
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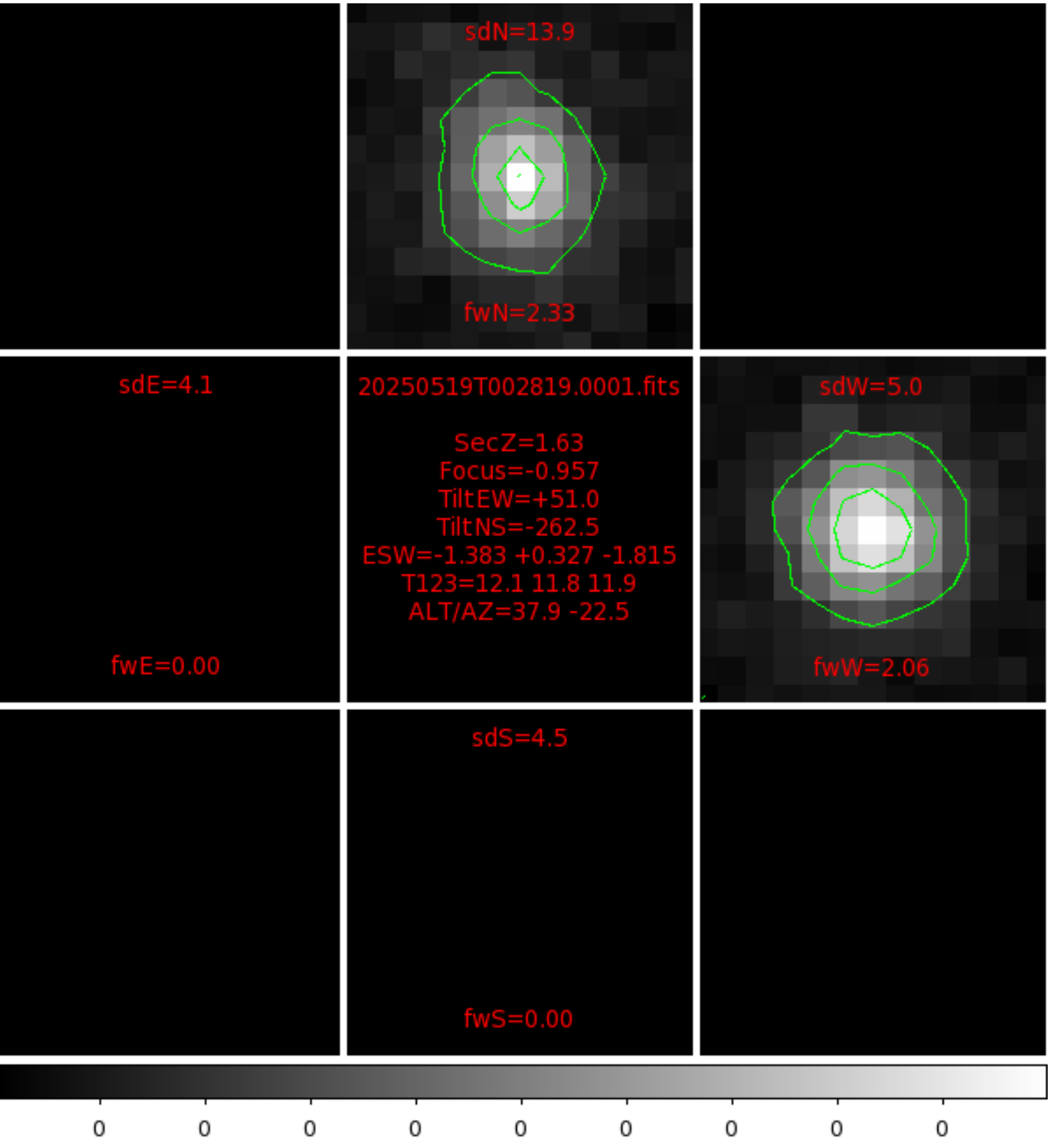
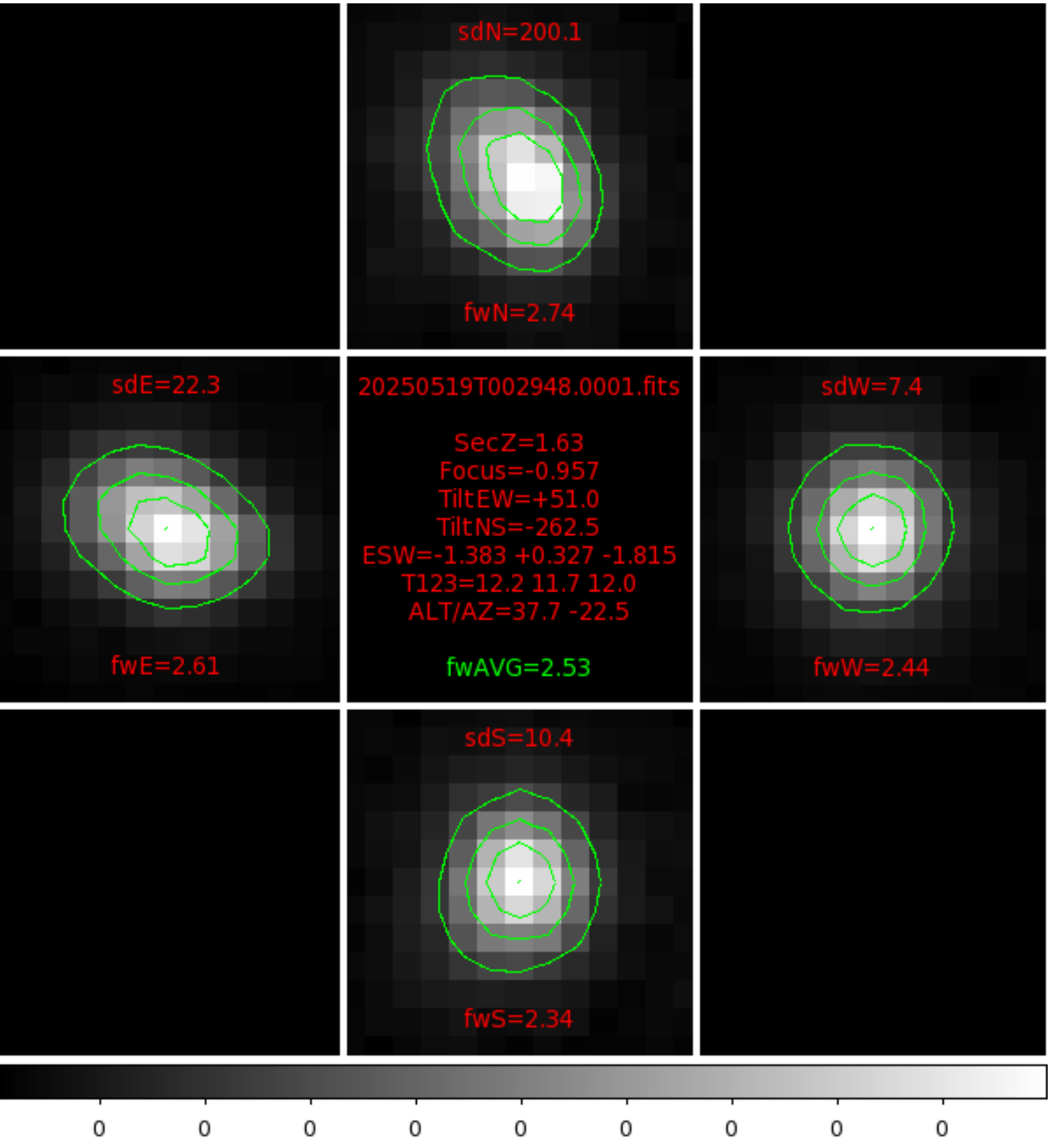

sdN=13.9
fwN=2.33
sdE=4.1
fwE=0.00
20250519T002819.0001.fits
SecZ=1.63
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.1 11.8 11.9
ALT/AZ=37.9 -22.5
sdW=5.0
fwW=2.06
sdS=4.5
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=200.1
fwN=2.74
sdE=22.3
fwE=2.61
20250519T002948.0001.fits
SecZ=1.63
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.2 11.7 12.0
ALT/AZ=37.7 -22.5
fwAVG=2.53
sdW=7.4
fwW=2.44
sdS=10.4
fwS=2.34
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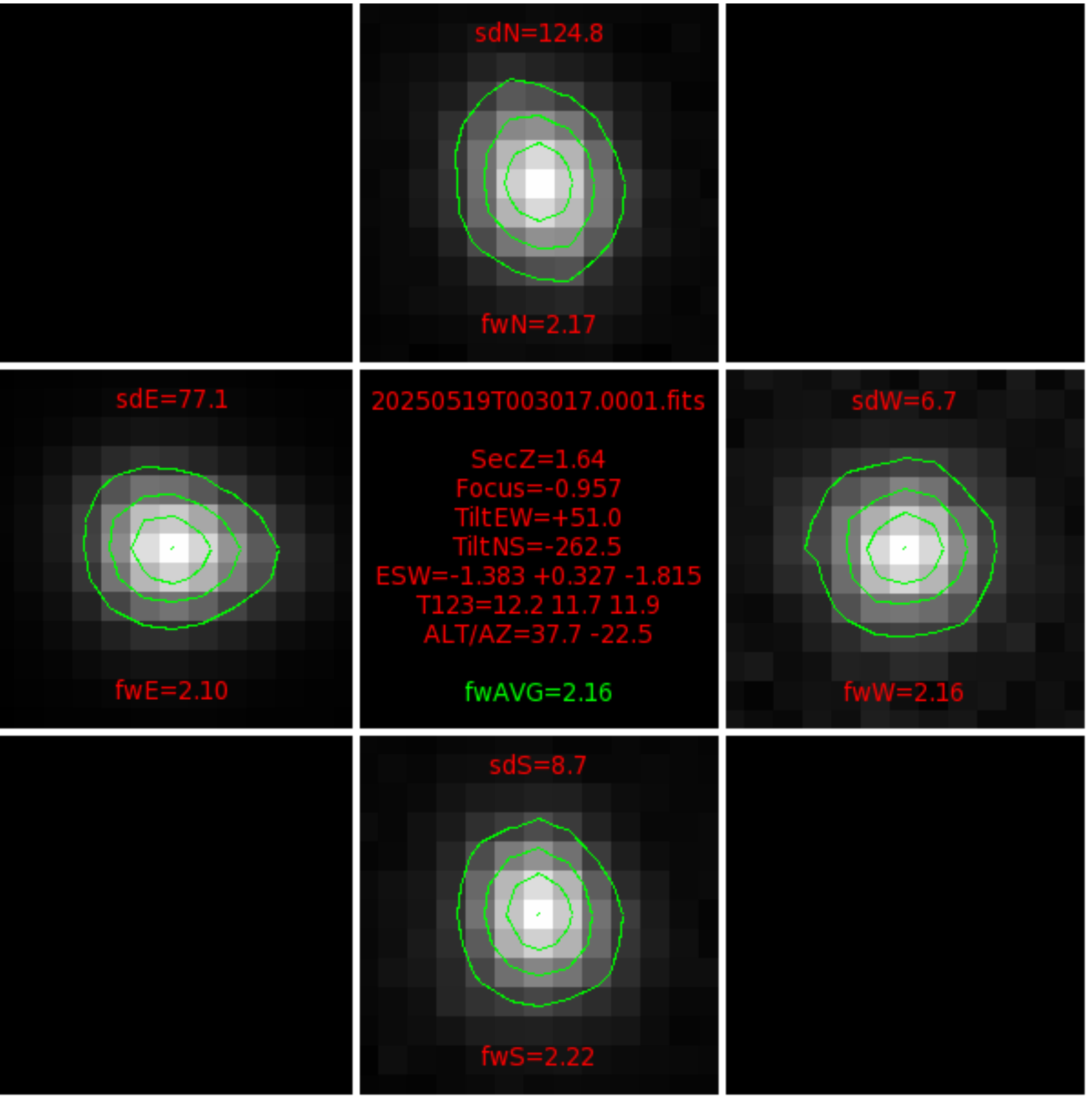
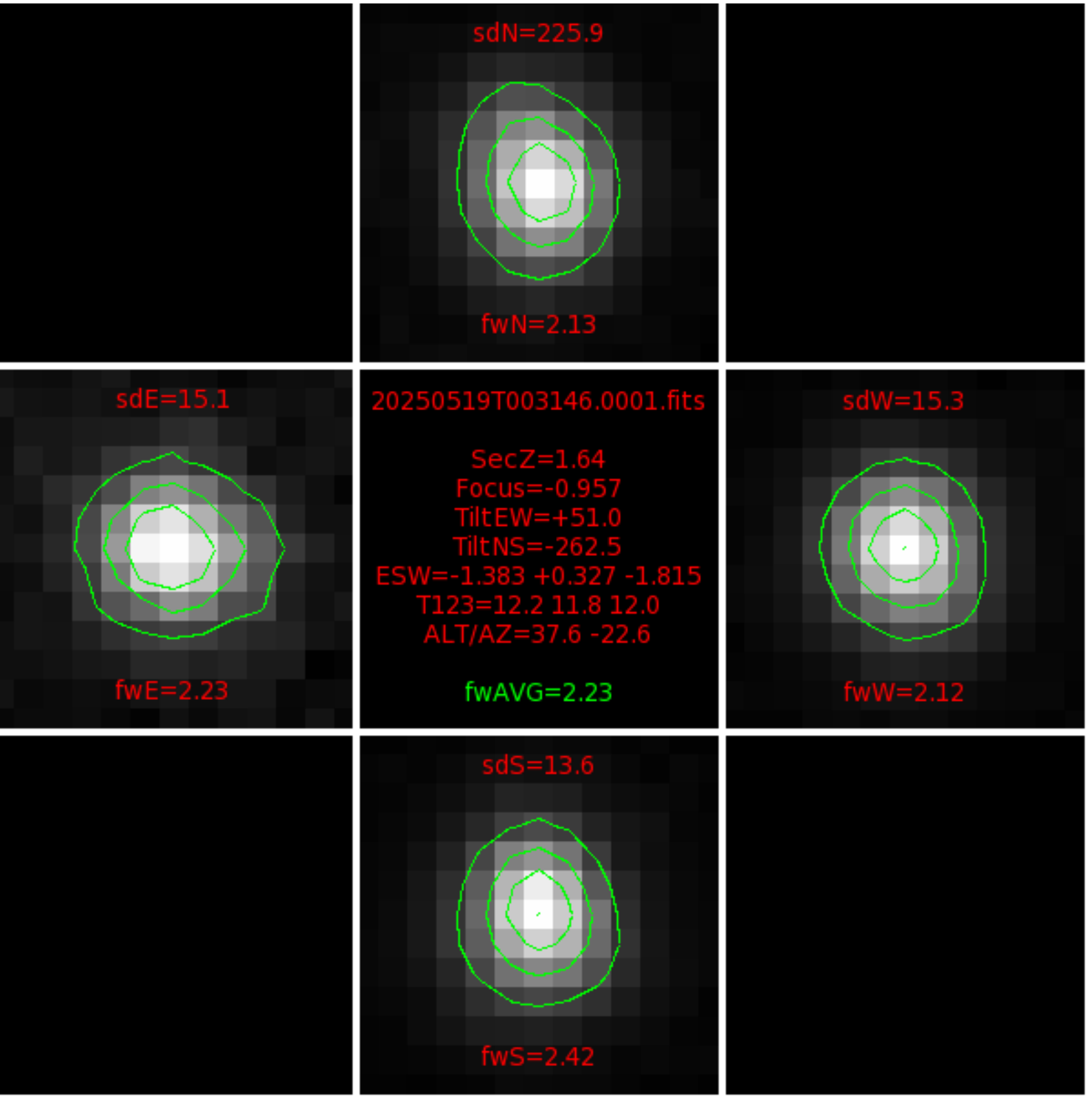

sdN=124.8
fwN=2.17
sdE=77.1
fwE=2.10
20250519T003017.0001.fits
SecZ=1.64
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.2 11.7 11.9
ALT/AZ=37.7 -22.5
fwAVG=2.16
sdW=6.7
fwW=2.16
sdS=8.7
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=225.9
fwN=2.13
sdE=15.1
fwE=2.23
20250519T003146.0001.fits
SecZ=1.64
Focus=-0.957
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.383 +0.327 -1.815
T123=12.2 11.8 12.0
ALT/AZ=37.6 -22.6
fwAVG=2.23
sdW=15.3
fwW=2.12
sdS=13.6
fwS=2.42
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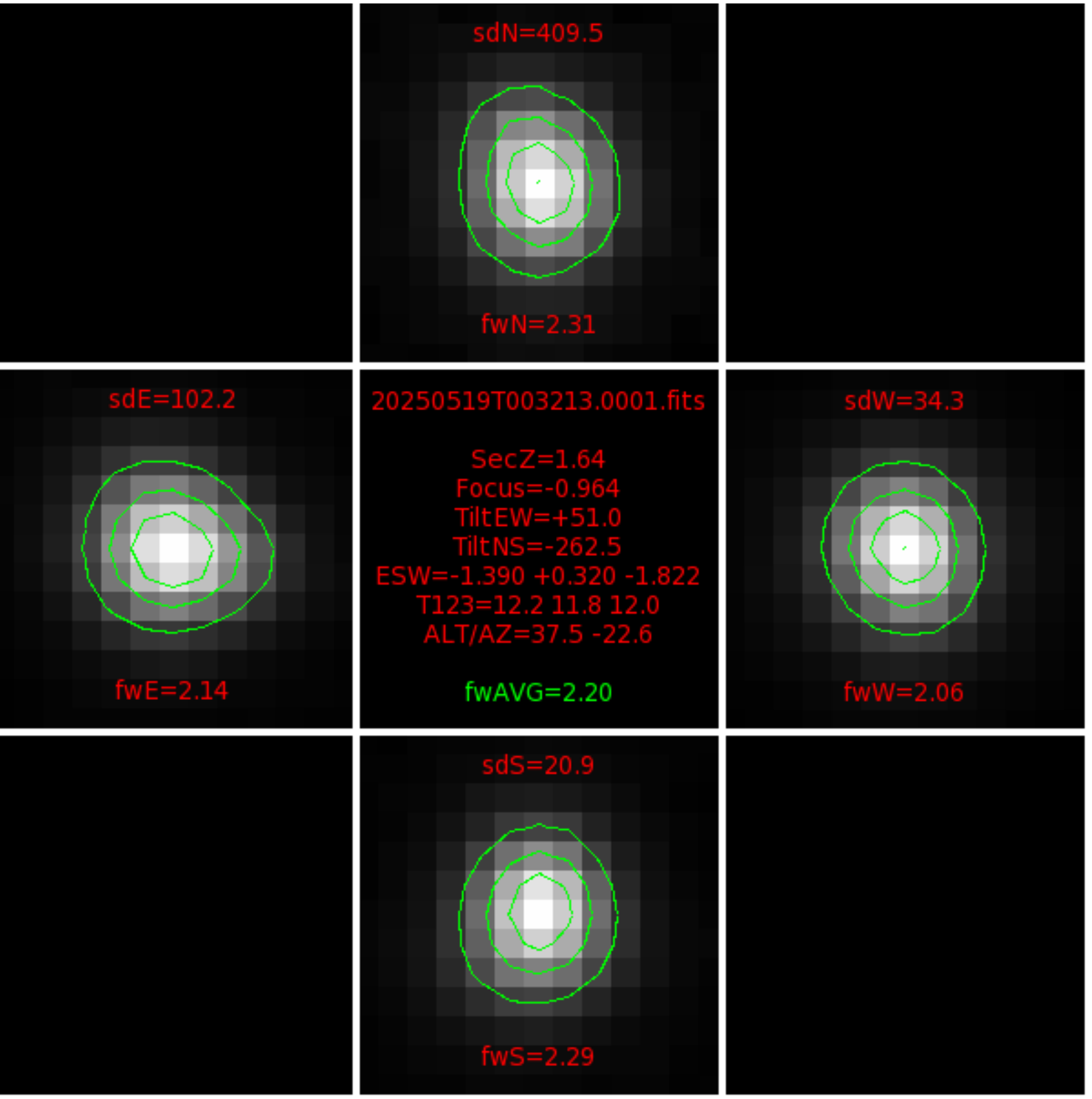
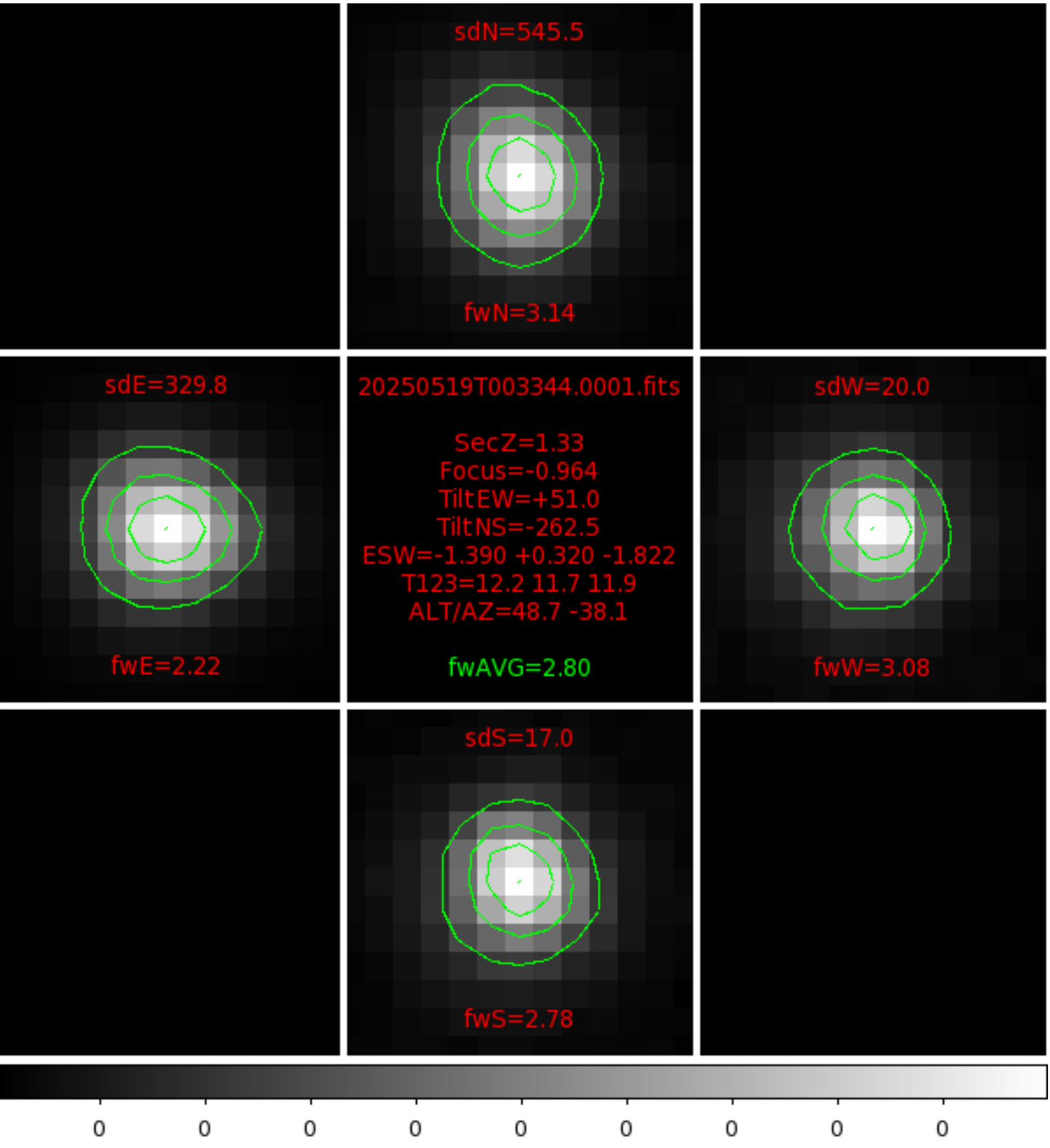

sdN=409.5
fwN=2.31
sdE=102.2
fwE=2.14
20250519T003213.0001.fits
SecZ=1.64
Focus=-0.964
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.390 +0.320 -1.822
T123=12.2 11.8 12.0
ALT/AZ=37.5 -22.6
fwAVG=2.20
sdW=34.3
fwW=2.06
sdS=20.9
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=545.5
fwN=3.14
sdE=329.8
fwE=2.22
20250519T003344.0001.fits
SecZ=1.33
Focus=-0.964
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.390 +0.320 -1.822
T123=12.2 11.7 11.9
ALT/AZ=48.7 -38.1
fwAVG=2.80
sdW=20.0
fwW=3.08
sdS=17.0
fwS=2.78
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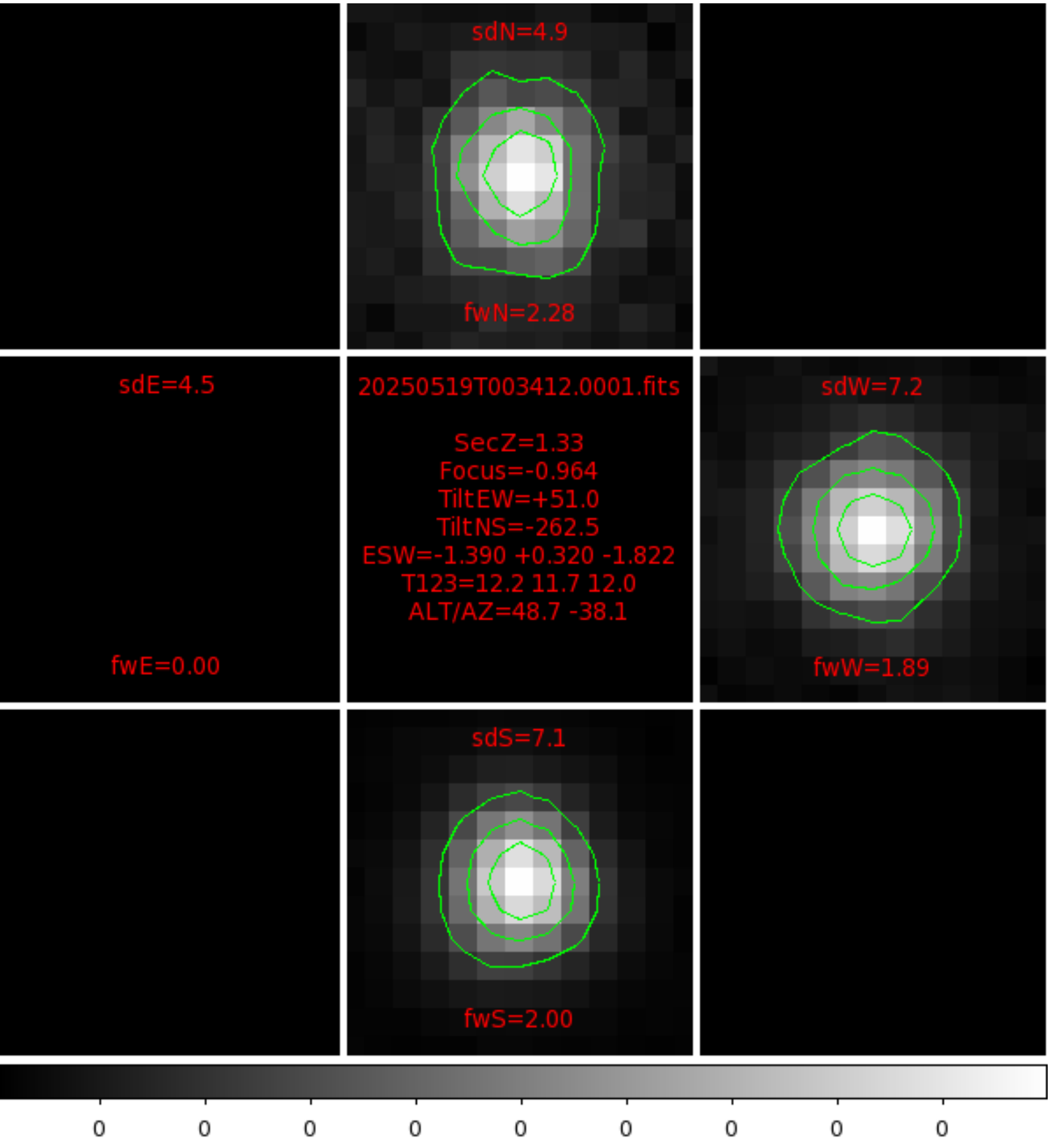
sdN=4.9
fwN=2.28
sdE=4.5
fwE=0.00
20250519T003412.0001.fits
SecZ=1.33
Focus=-0.964
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.390 +0.320 -1.822
T123=12.2 11.7 12.0
ALT/AZ=48.7 -38.1
sdW=7.2
fwW=1.89
sdS=7.1
fwS=2.00
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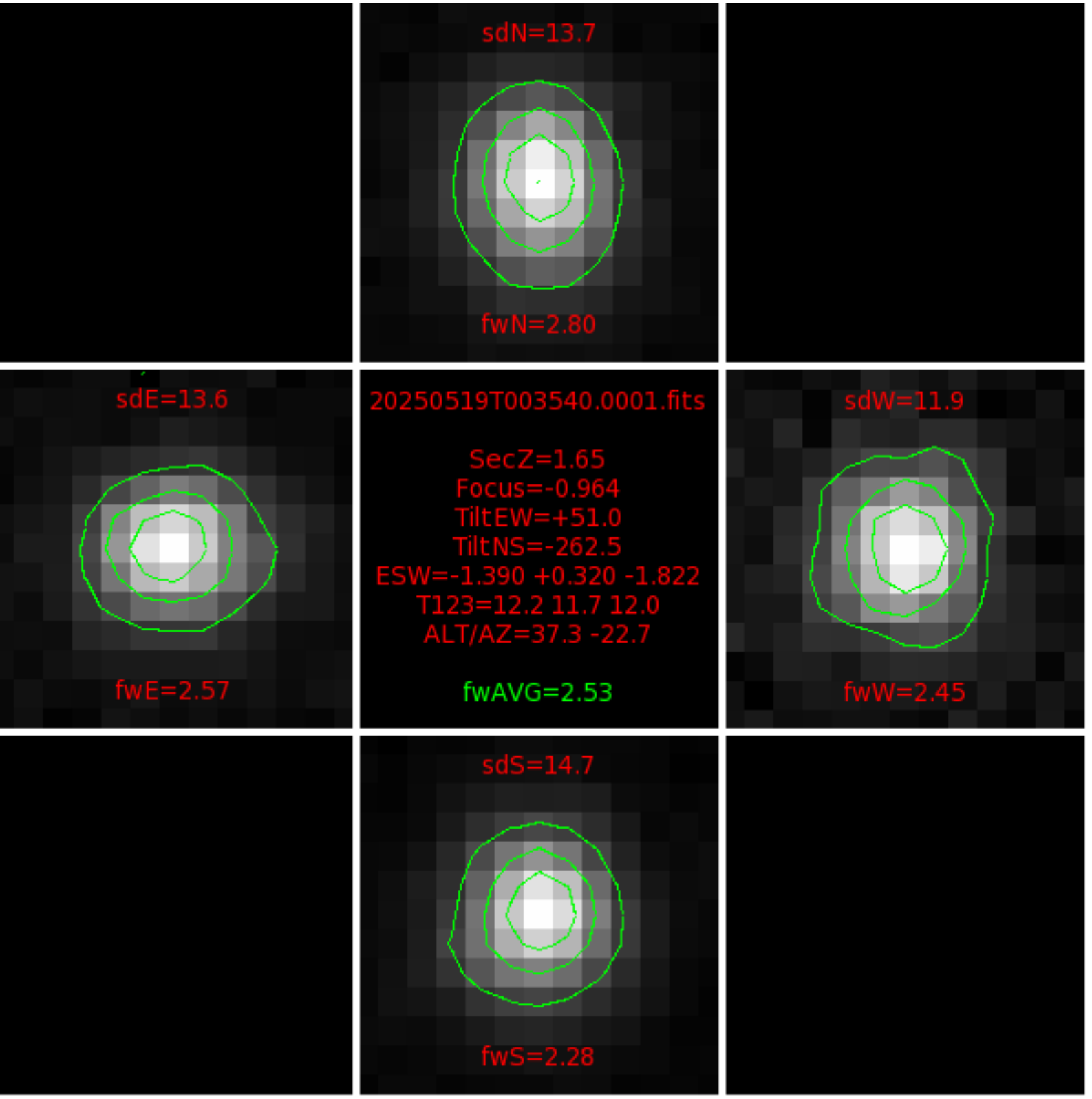
sdN=13.7
fwN=2.80
sdE=13.6
fwE=2.57
20250519T003540.0001.fits
SecZ=1.65
Focus=-0.964
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.390 +0.320 -1.822
T123=12.2 11.7 12.0
ALT/AZ=37.3 -22.7
fwAVG=2.53
sdW=11.9
fwW=2.45
sdS=14.7
fwS=2.28
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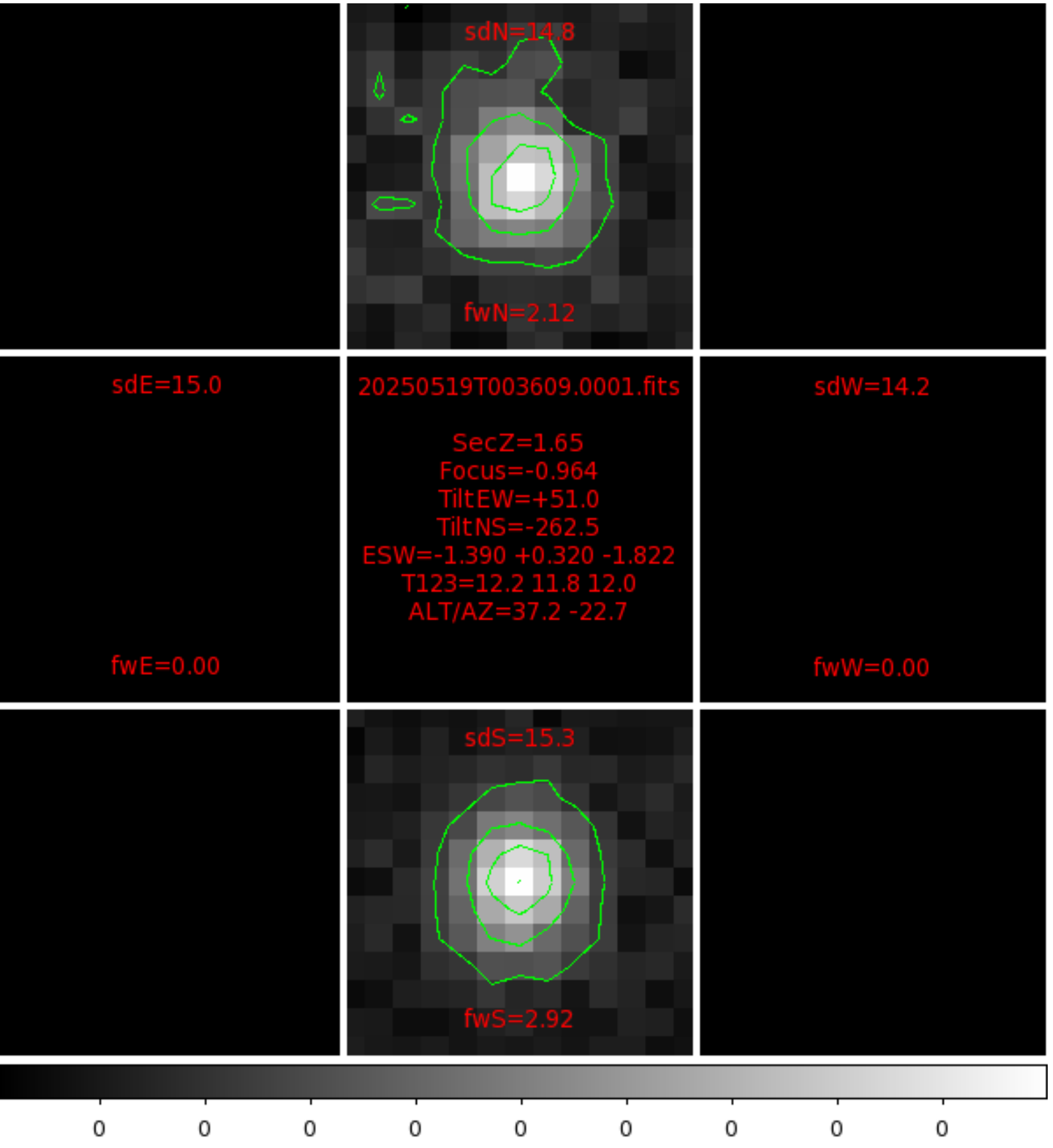
sdN=14.8
fwN=2.12
sdE=15.0
fwE=0.00
20250519T003609.0001.fits
SecZ=1.65
Focus=-0.964
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.390 +0.320 -1.822
T123=12.2 11.8 12.0
ALT/AZ=37.2 -22.7
sdW=14.2
fwW=0.00
sdS=15.3
fwS=2.92
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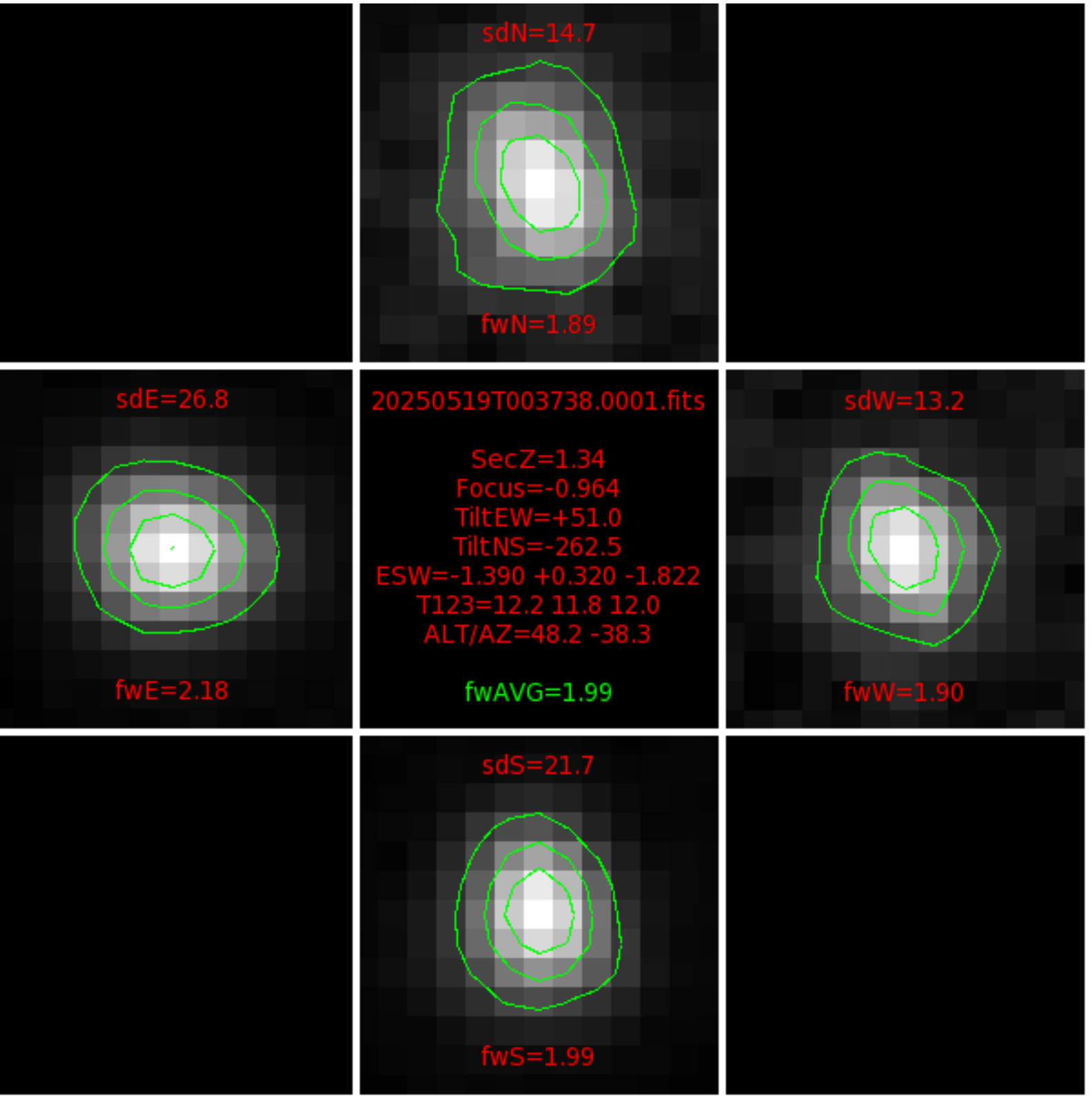
sdN=14.7
fwN=1.89
sdE=26.8
fwE=2.18
20250519T003738.0001.fits
SecZ=1.34
Focus=-0.964
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.390 +0.320 -1.822
T123=12.2 11.8 12.0
ALT/AZ=48.2 -38.3
fwAVG=1.99
sdW=13.2
fwW=1.90
sdS=21.7
fwS=1.99
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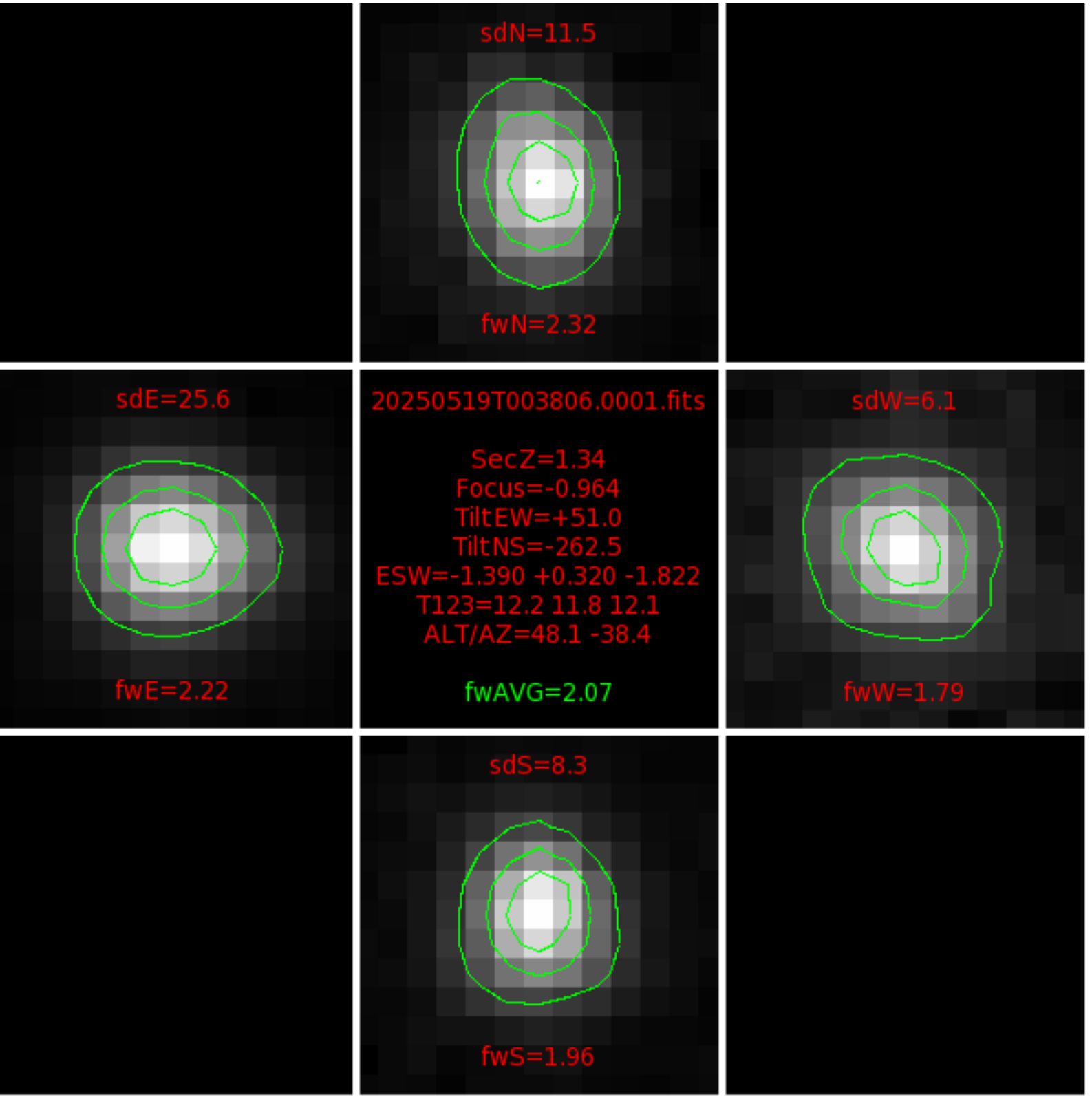
sdN=11.5
fwN=2.32
sdE=25.6
fwE=2.22
20250519T003806.0001.fits
SecZ=1.34
Focus=-0.964
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.390 +0.320 -1.822
T123=12.2 11.8 12.1
ALT/AZ=48.1 -38.4
fwAVG=2.07
sdW=6.1
fwW=1.79
sdS=8.3
fwS=1.96
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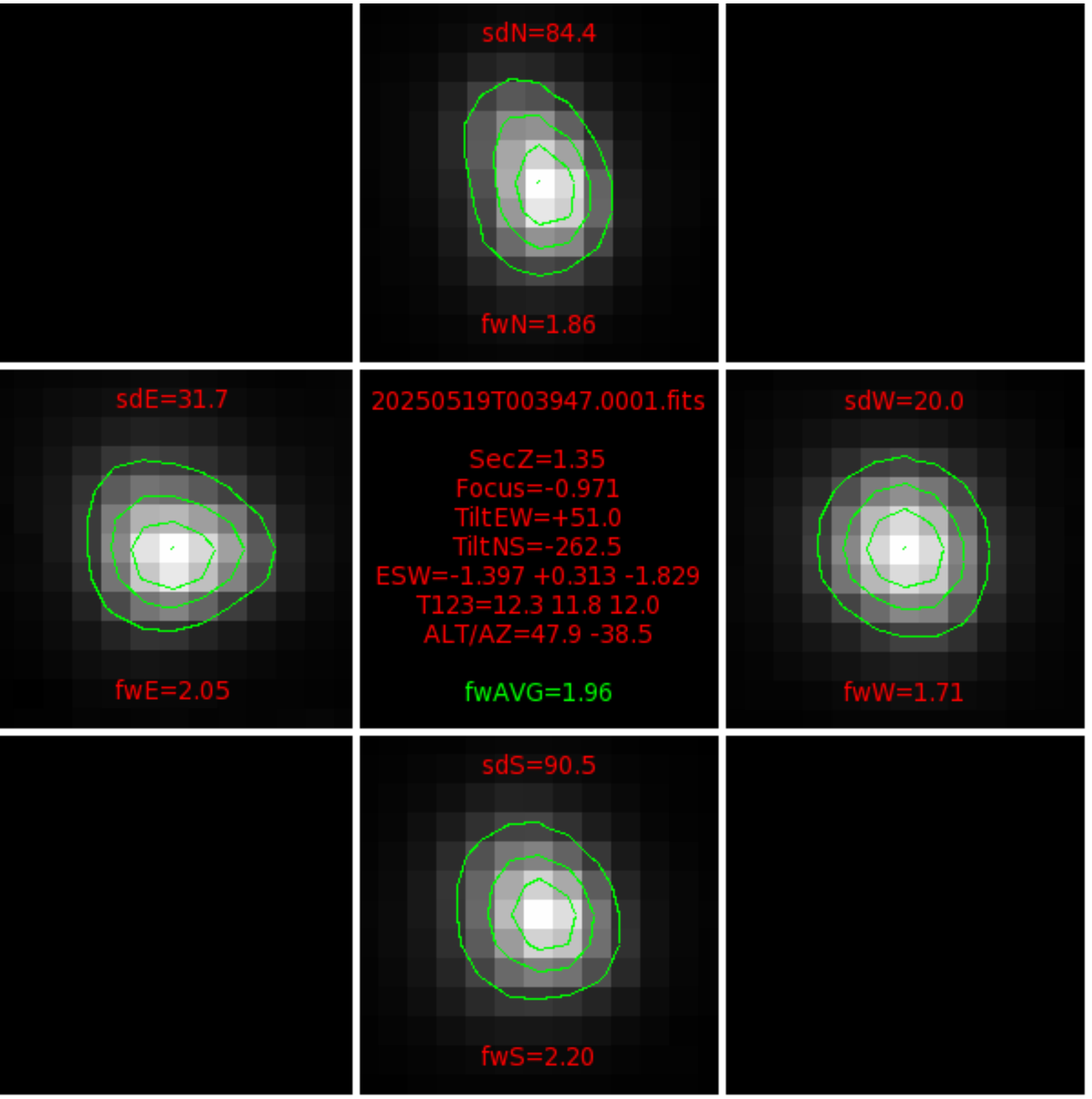
sdN=84.4
fwN=1.86
sdE=31.7
fwE=2.05
20250519T003947.0001.fits
SecZ=1.35
Focus=-0.971
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.397 +0.313 -1.829
T123=12.3 11.8 12.0
ALT/AZ=47.9 -38.5
fwAVG=1.96
sdW=20.0
fwW=1.71
sdS=90.5
fwS=2.20
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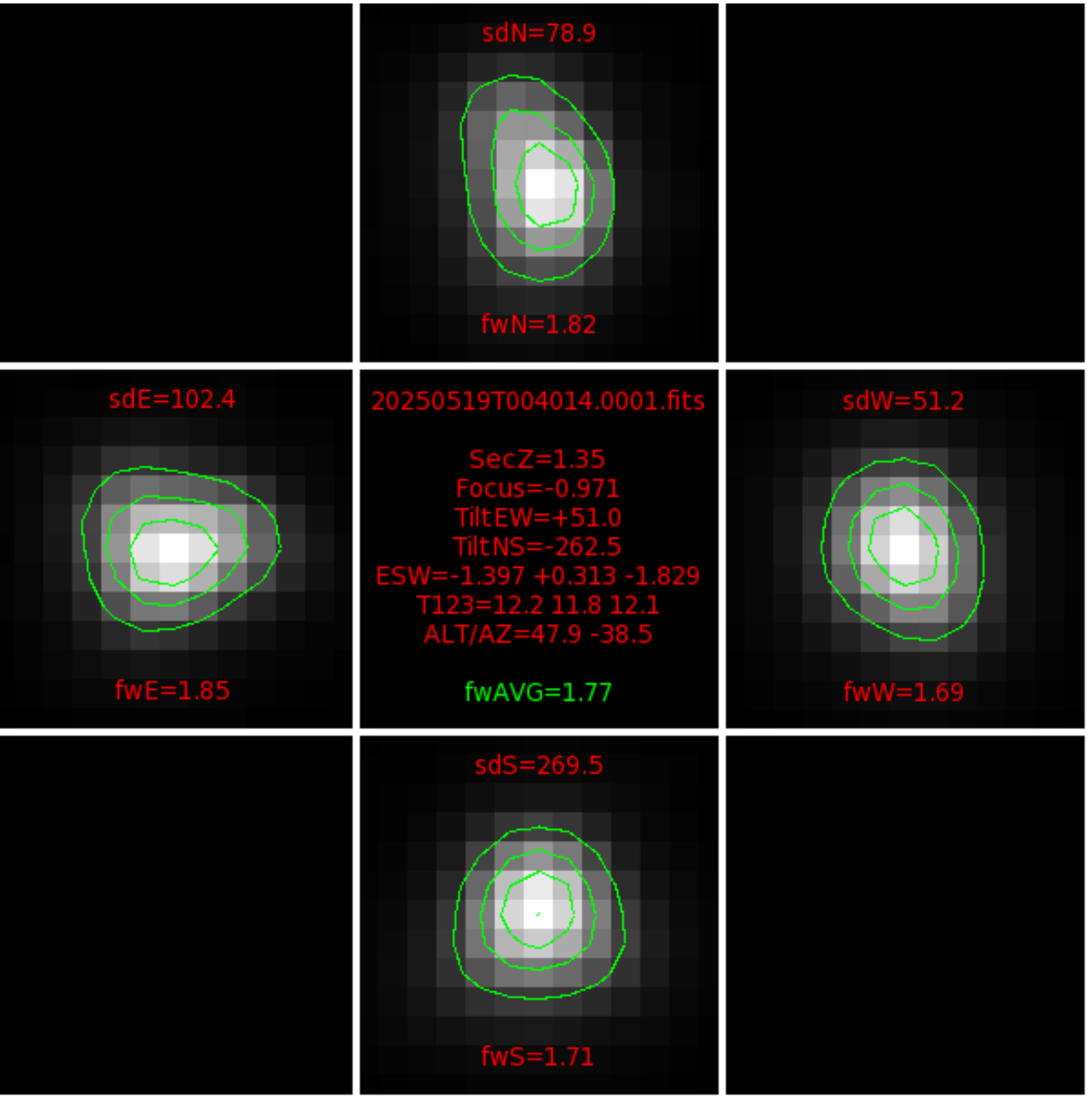
sdN=78.9
fwN=1.82
sdE=102.4
fwE=1.85
20250519T004014.0001.fits
SecZ=1.35
Focus=-0.971
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.397 +0.313 -1.829
T123=12.2 11.8 12.1
ALT/AZ=47.9 -38.5
fwAVG=1.77
sdW=51.2
fwW=1.69
sdS=269.5
fwS=1.71
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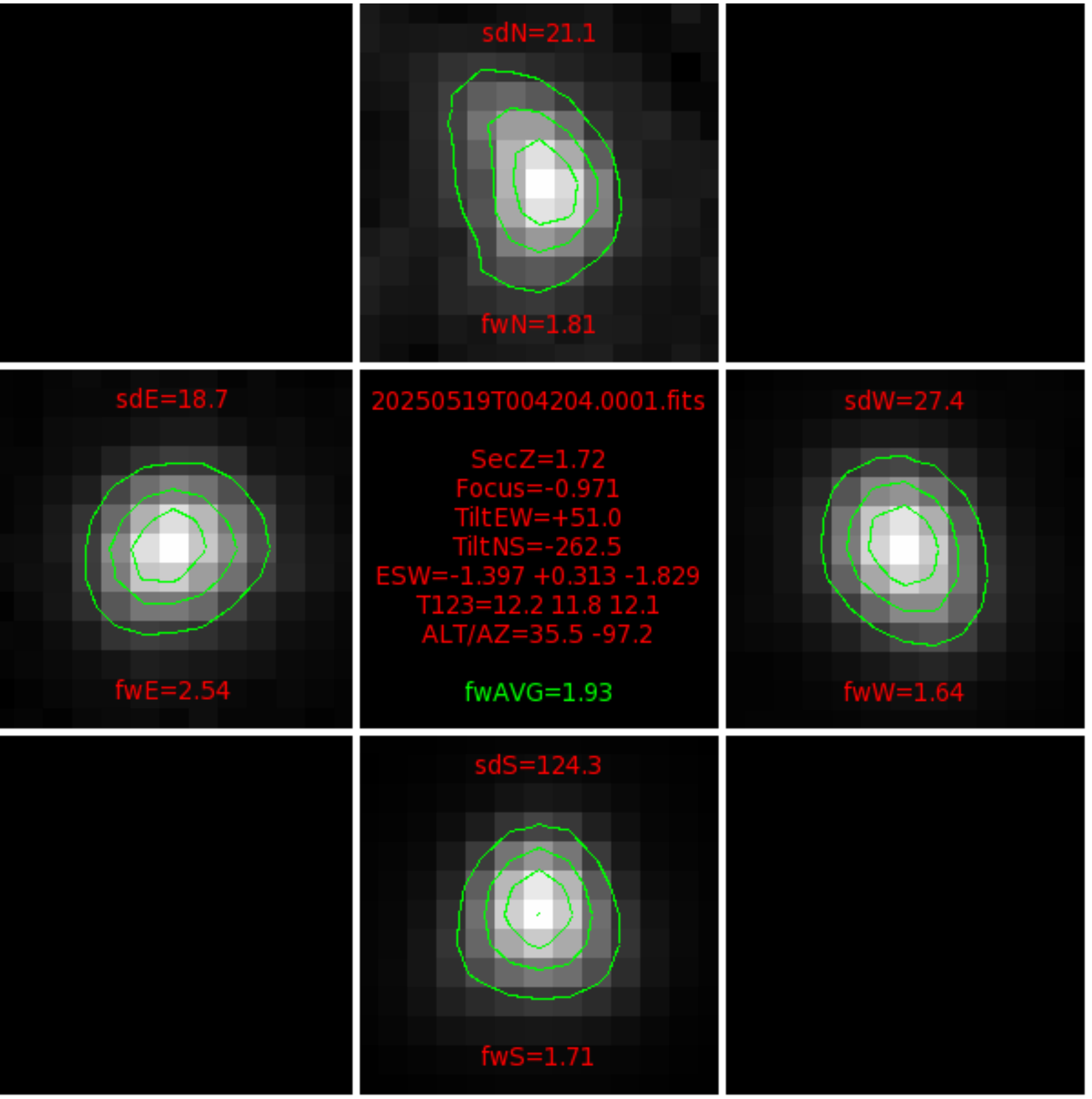
sdN=21.1
fwN=1.81
sdE=18.7
fwE=2.54
20250519T004204.0001.fits
SecZ=1.72
Focus=-0.971
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.397 +0.313 -1.829
T123=12.2 11.8 12.1
ALT/AZ=35.5 -97.2
fwAVG=1.93
sdW=27.4
fwW=1.64
sdS=124.3
fwS=1.71
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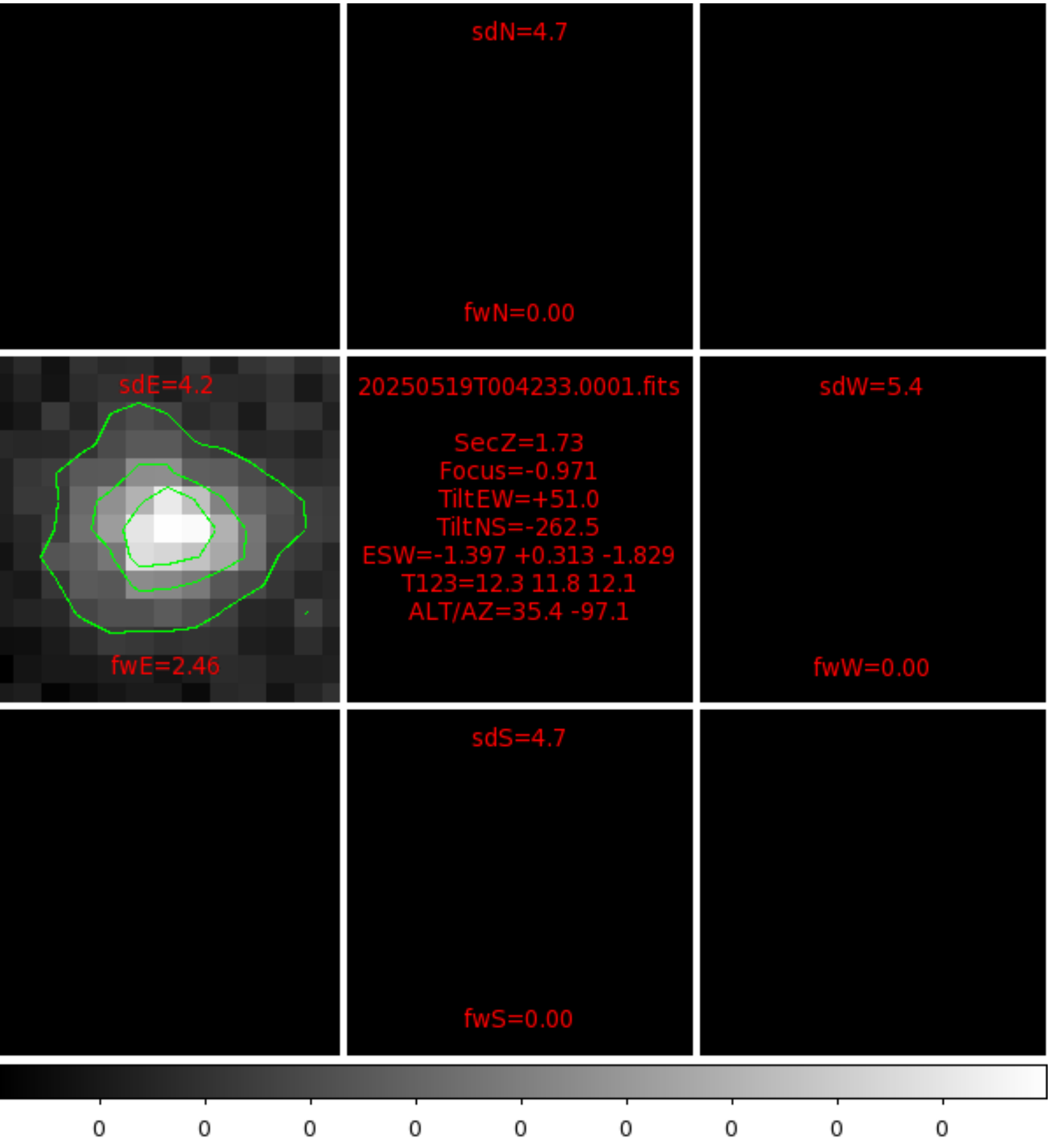
sdN=4.7
fwN=0.00
sdE=4.2
fwE=2.46
20250519T004233.0001.fits
SecZ=1.73
Focus=-0.971
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.397 +0.313 -1.829
T123=12.3 11.8 12.1
ALT/AZ=35.4 -97.1
sdW=5.4
fwW=0.00
sdS=4.7
fwS=0.00
0 0 0 0 0 0 0 0 0

sdN=7.6
fwN=0.00
sdE=5.3
20250519T004407.0001.fits
SecZ=1.74
Focus=-0.971
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.397 +0.313 -1.829
T123=12.3 11.8 12.1
ALT/AZ=35.1 -96.9
sdW=6.6
fwE=0.00
fwW=0.00
sdS=7.2
fwS=4.40
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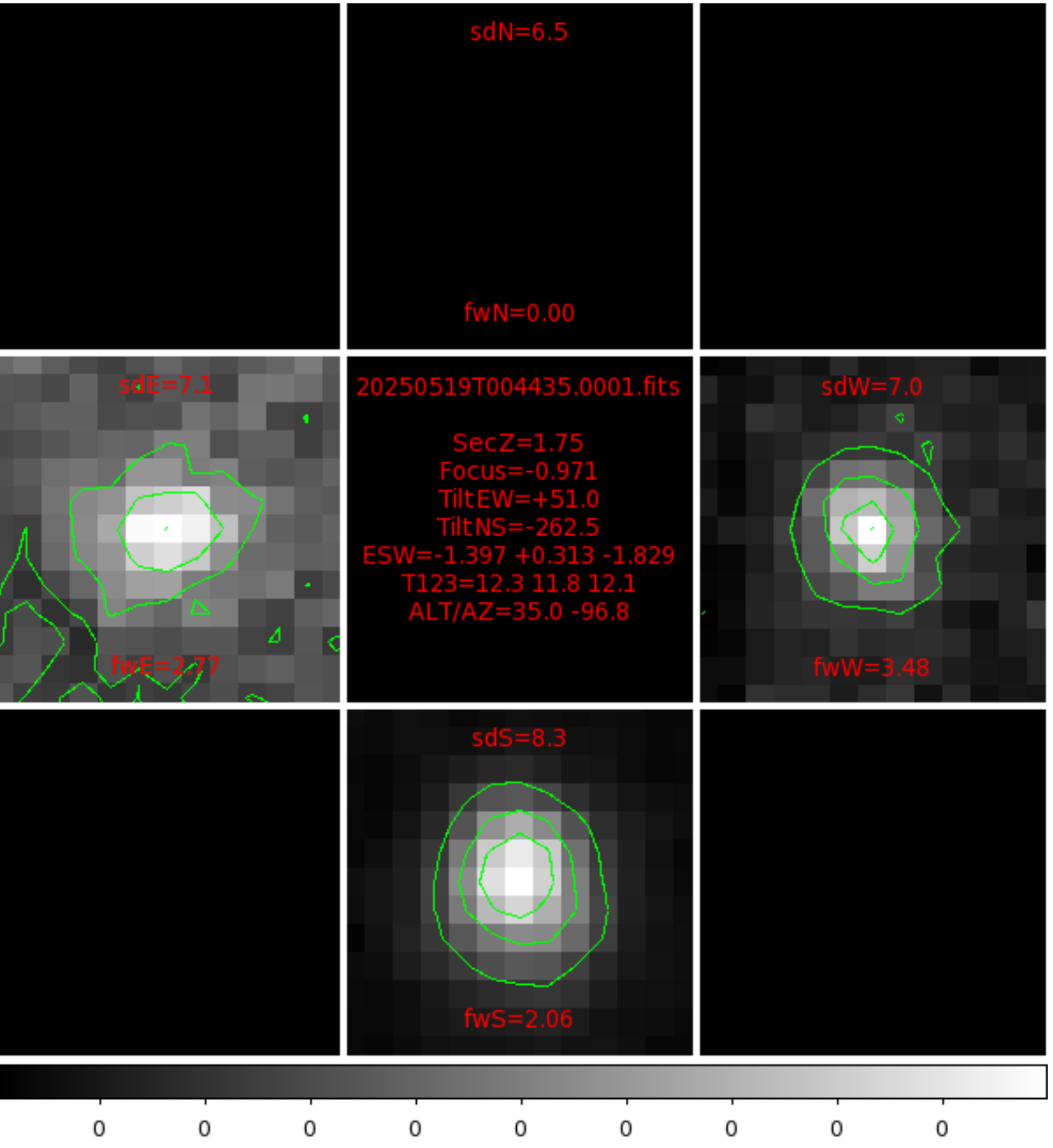
sdN=6.5
fwN=0.00
sdE=7.1
fwE=2.77
20250519T004435.0001.fits
SecZ=1.75
Focus=-0.971
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.397 +0.313 -1.829
T123=12.3 11.8 12.1
ALT/AZ=35.0 -96.8
sdW=7.0
fwW=3.48
sdS=8.3
fwS=2.06
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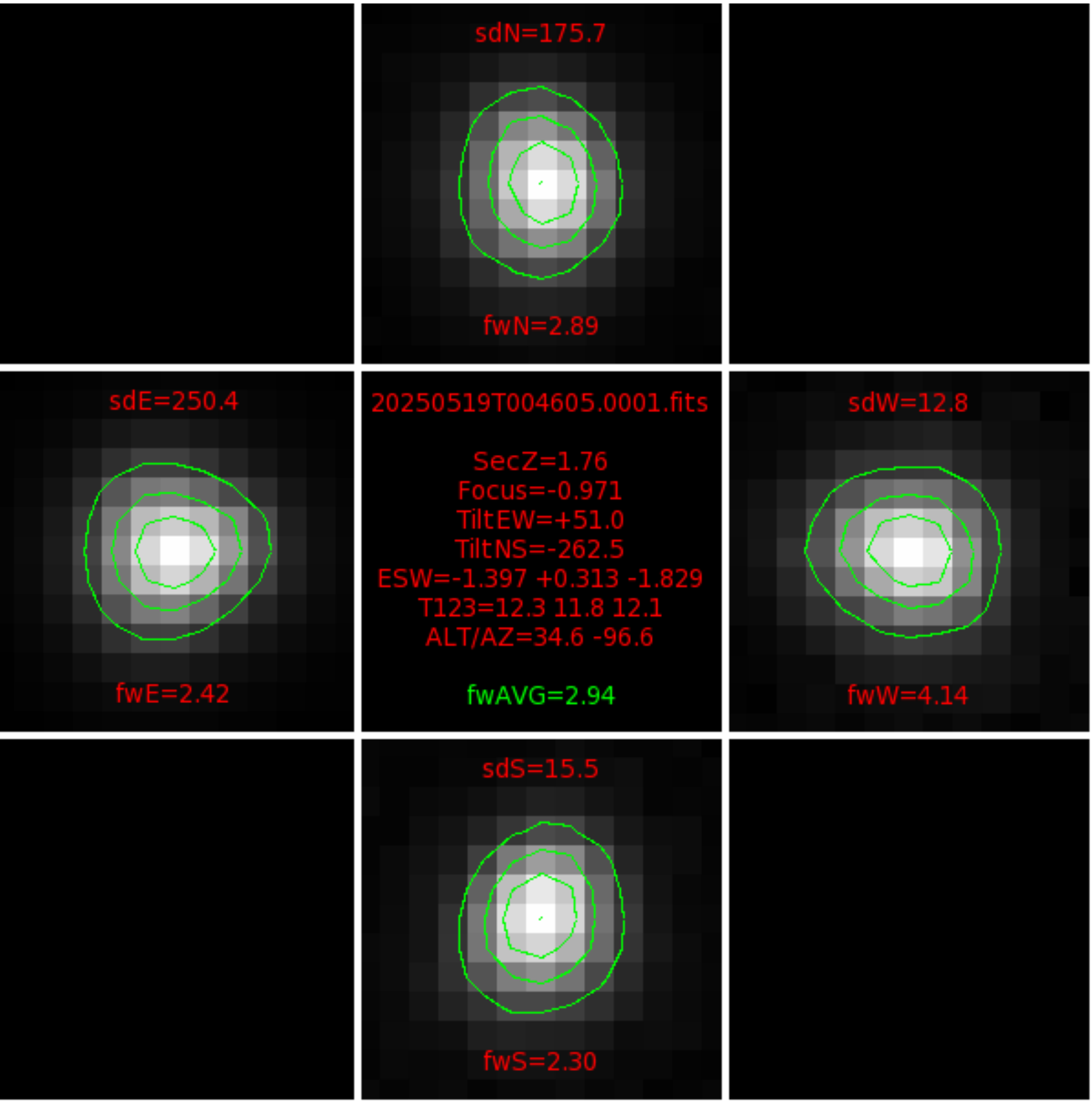
sdN=175.7
fwN=2.89
sdE=250.4
fwE=2.42
20250519T004605.0001.fits
SecZ=1.76
Focus=-0.971
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.397 +0.313 -1.829
T123=12.3 11.8 12.1
ALT/AZ=34.6 -96.6
fwAVG=2.94
sdW=12.8
fwW=4.14
sdS=15.5
fwS=2.30
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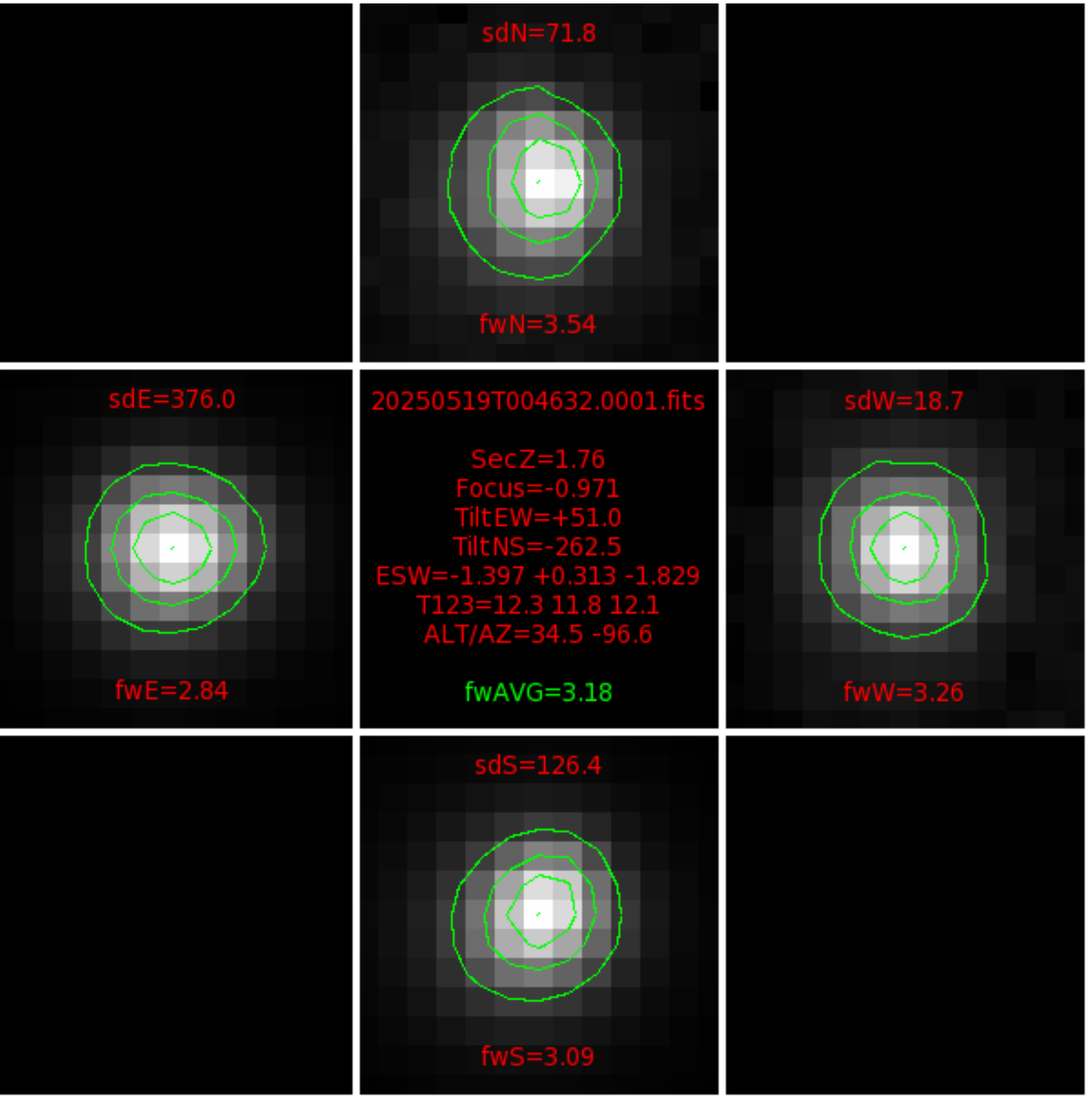
sdN=71.8
fwN=3.54
sdE=376.0
fwE=2.84
20250519T004632.0001.fits
SecZ=1.76
Focus=-0.971
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.397 +0.313 -1.829
T123=12.3 11.8 12.1
ALT/AZ=34.5 -96.6
fwAVG=3.18
sdW=18.7
fwW=3.26
sdS=126.4
fwS=3.09
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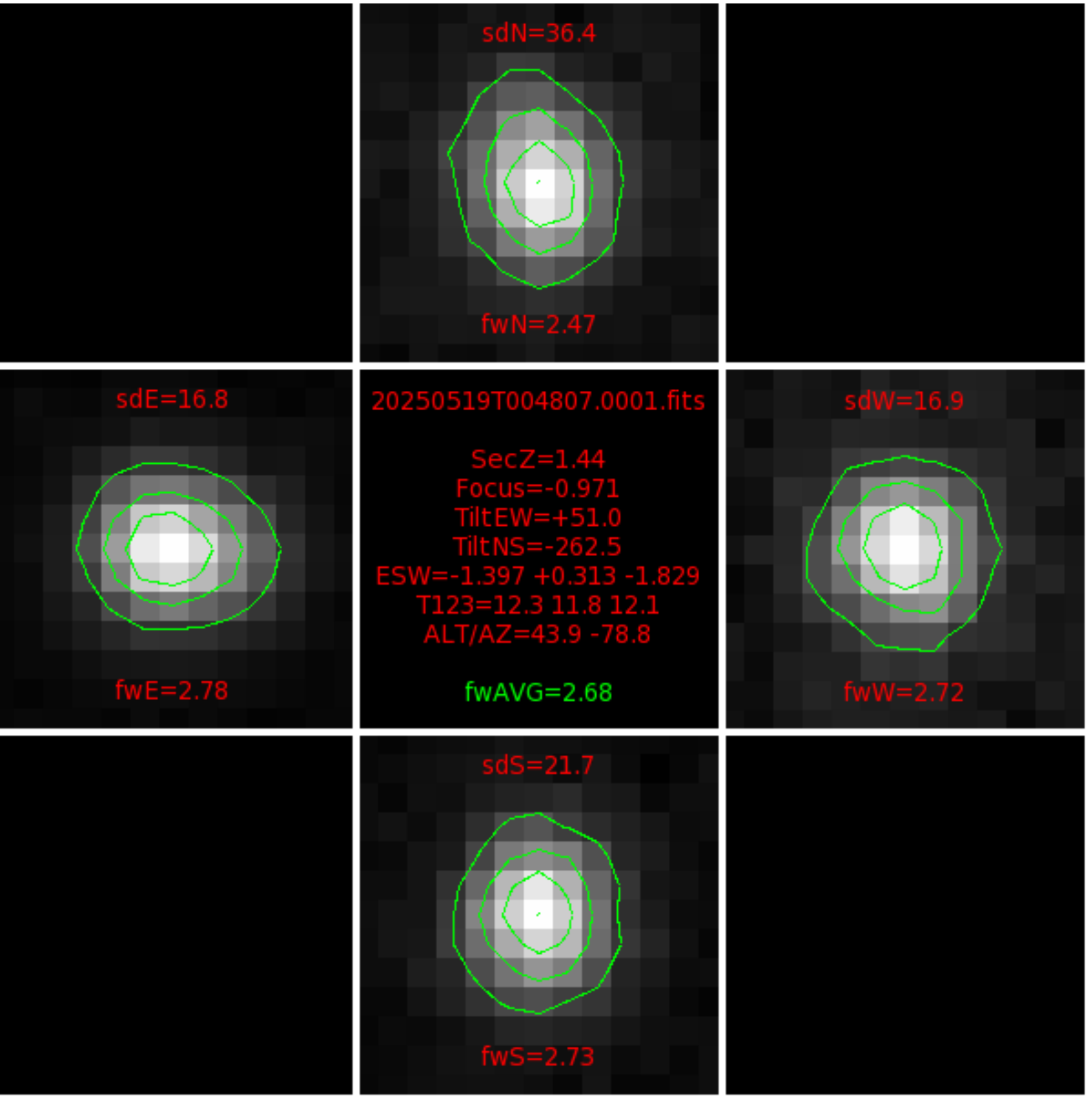
sdN=36.4
fwN=2.47
sdE=16.8
fwE=2.78
20250519T004807.0001.fits
SecZ=1.44
Focus=-0.971
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.397 +0.313 -1.829
T123=12.3 11.8 12.1
ALT/AZ=43.9 -78.8
fwAVG=2.68
sdW=16.9
fwW=2.72
sdS=21.7
fwS=2.73
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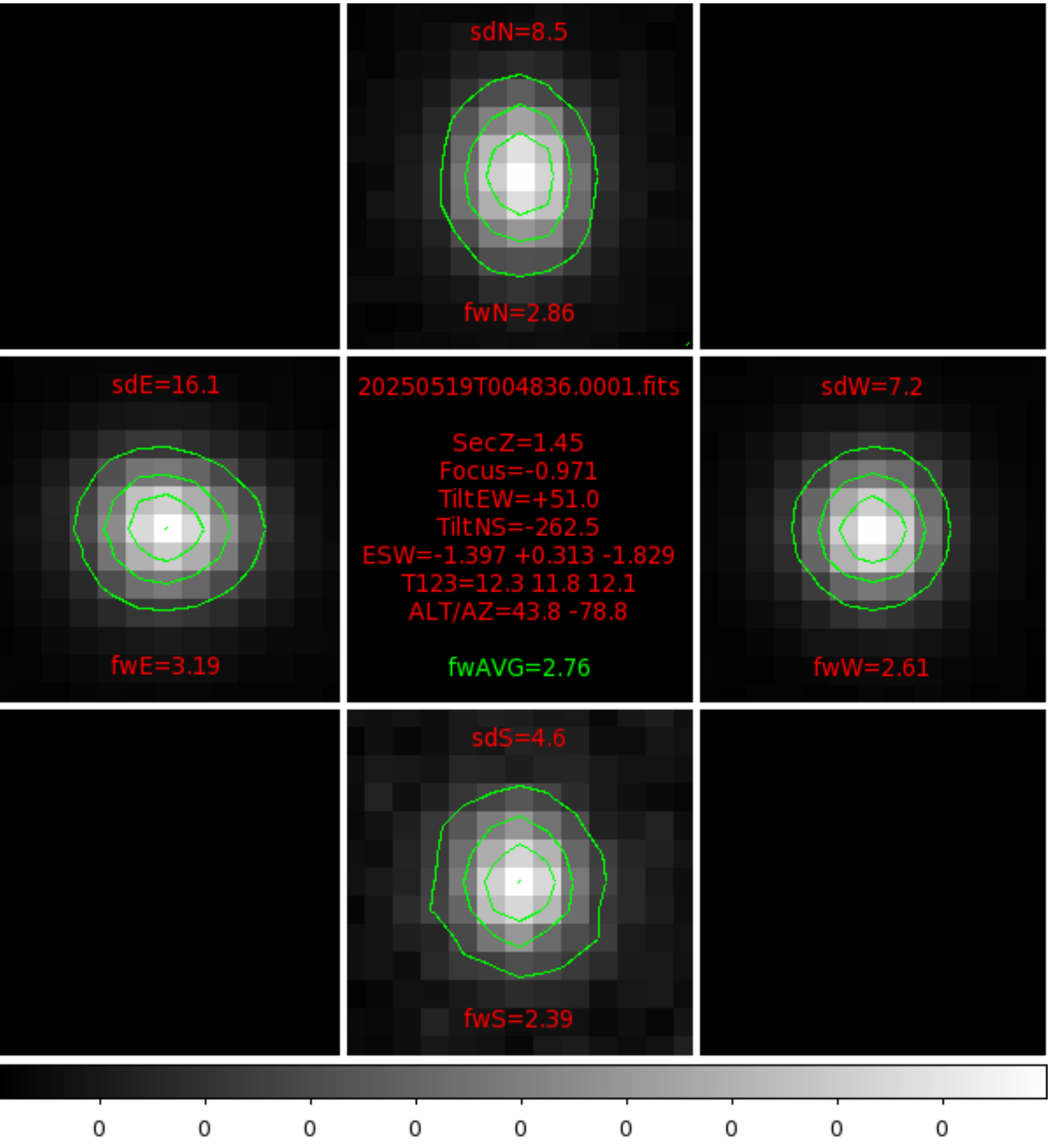
sdN=8.5
fwN=2.86
sdE=16.1
fwE=3.19
20250519T004836.0001.fits
SecZ=1.45
Focus=-0.971
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.397 +0.313 -1.829
T123=12.3 11.8 12.1
ALT/AZ=43.8 -78.8
fwAVG=2.76
sdW=7.2
fwW=2.61
sdS=4.6
fwS=2.39
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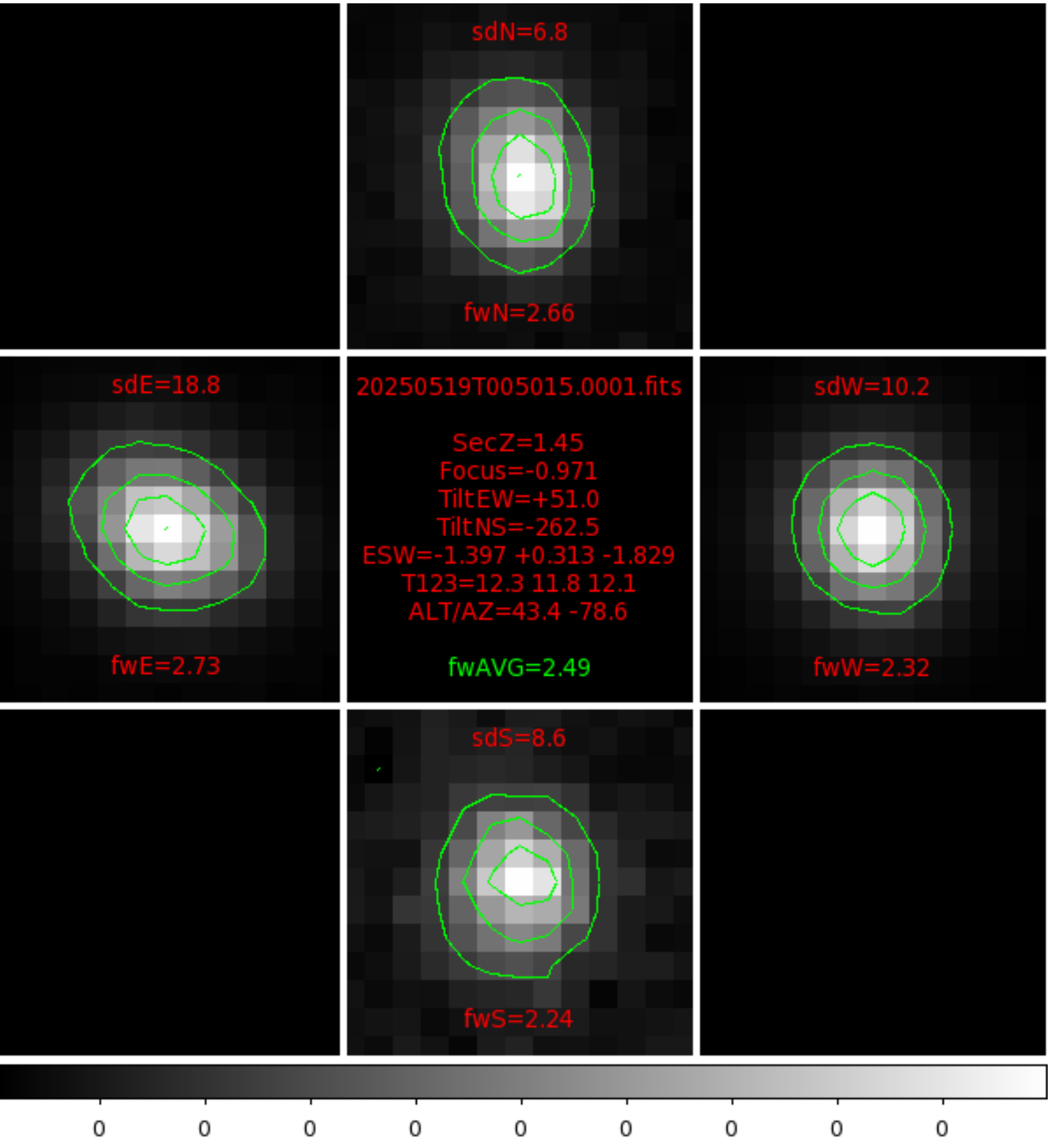
sdN=6.8
fwN=2.66
sdE=18.8
fwE=2.73
20250519T005015.0001.fits
SecZ=1.45
Focus=-0.971
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.397 +0.313 -1.829
T123=12.3 11.8 12.1
ALT/AZ=43.4 -78.6
fwAVG=2.49
sdW=10.2
fwW=2.32
sdS=8.6
fwS=2.24
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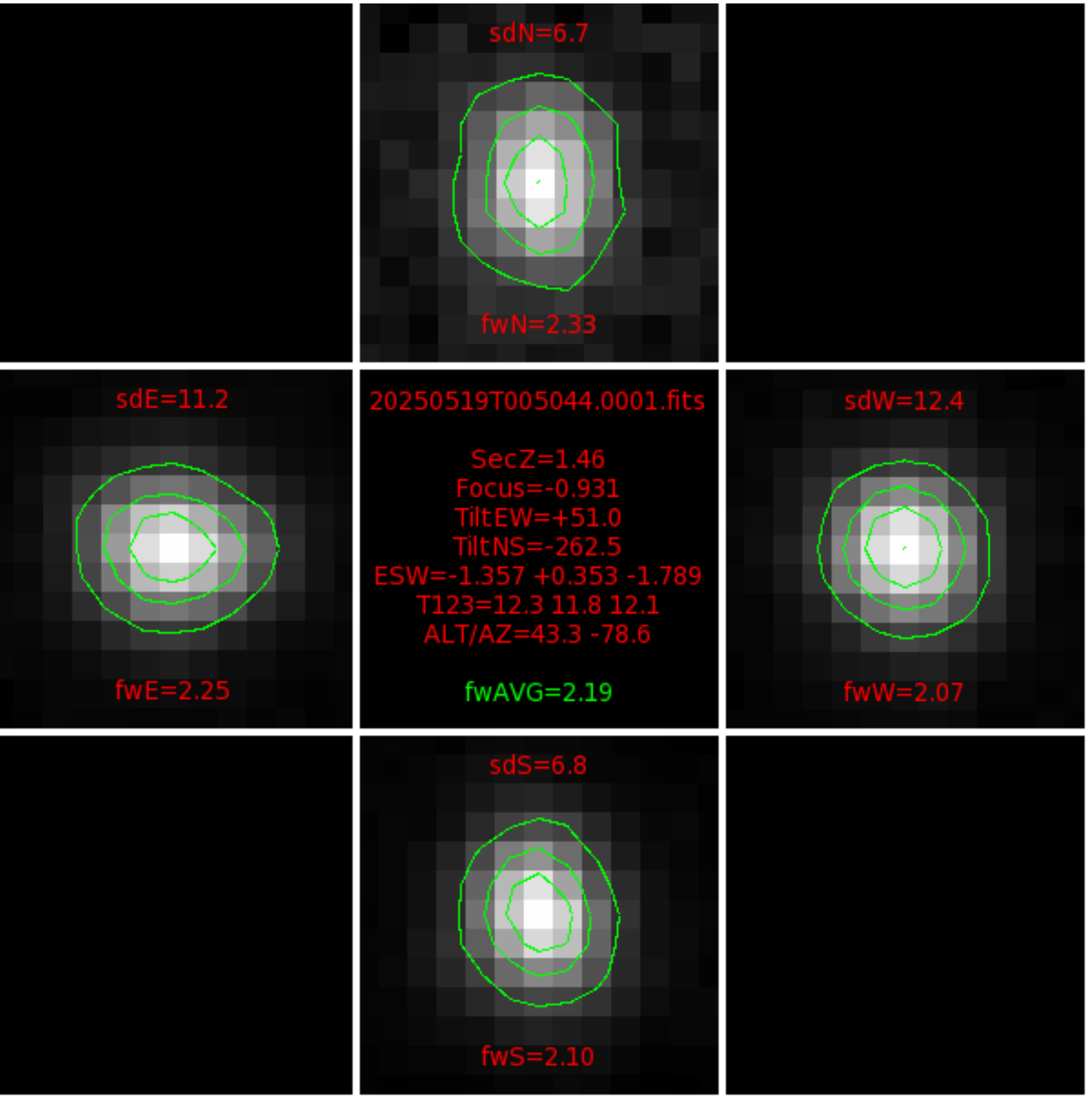
sdN=6.7
fwN=2.33
sdE=11.2
fwE=2.25
20250519T005044.0001.fits
SecZ=1.46
Focus=-0.931
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.357 +0.353 -1.789
T123=12.3 11.8 12.1
ALT/AZ=43.3 -78.6
fwAVG=2.19
sdW=12.4
fwW=2.07
sdS=6.8
fwS=2.10
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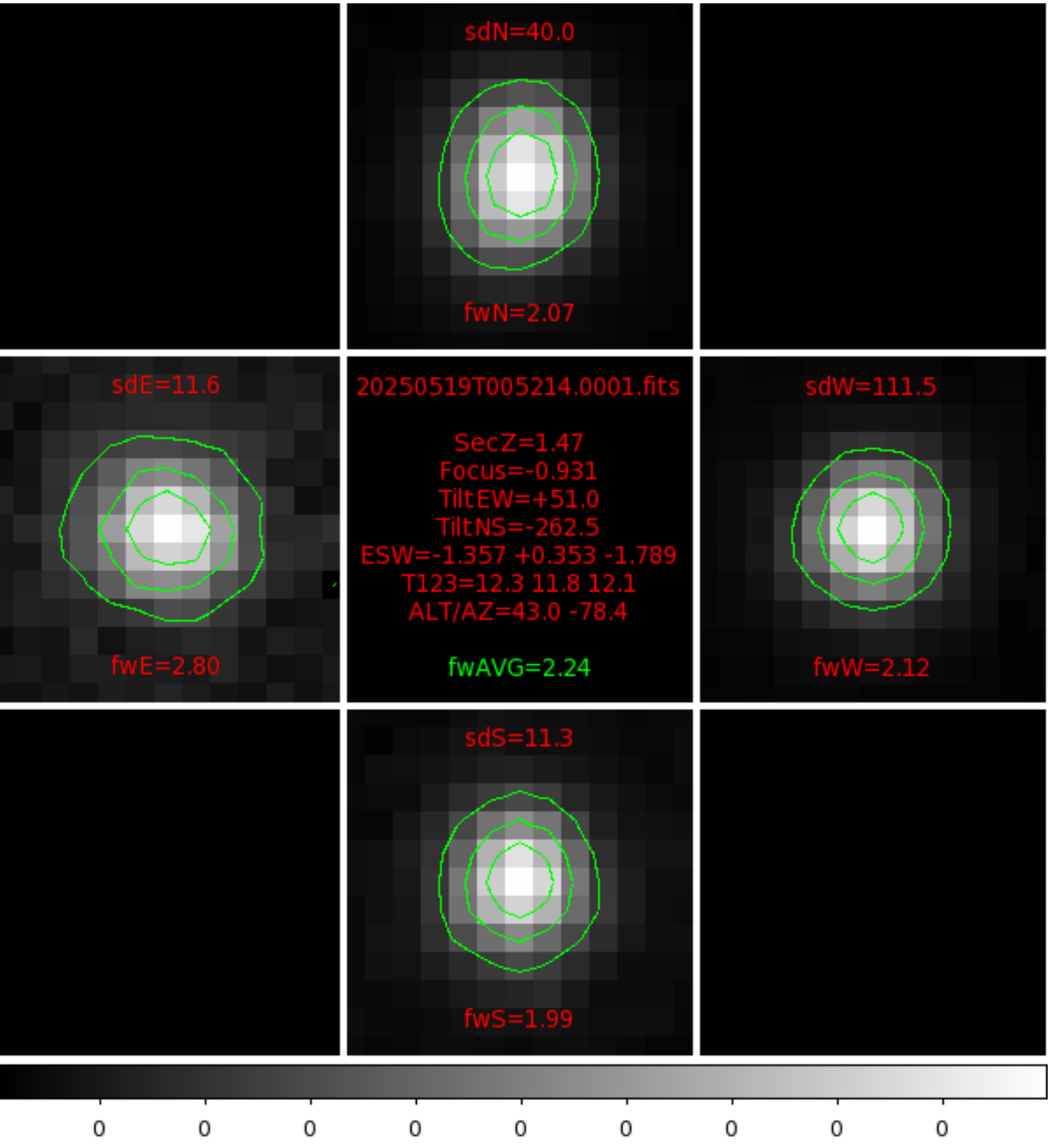
sdN=40.0
fwN=2.07
sdE=11.6
fwE=2.80
20250519T005214.0001.fits
SecZ=1.47
Focus=-0.931
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.357 +0.353 -1.789
T123=12.3 11.8 12.1
ALT/AZ=43.0 -78.4
fwAVG=2.24
sdW=111.5
fwW=2.12
sdS=11.3
fwS=1.99
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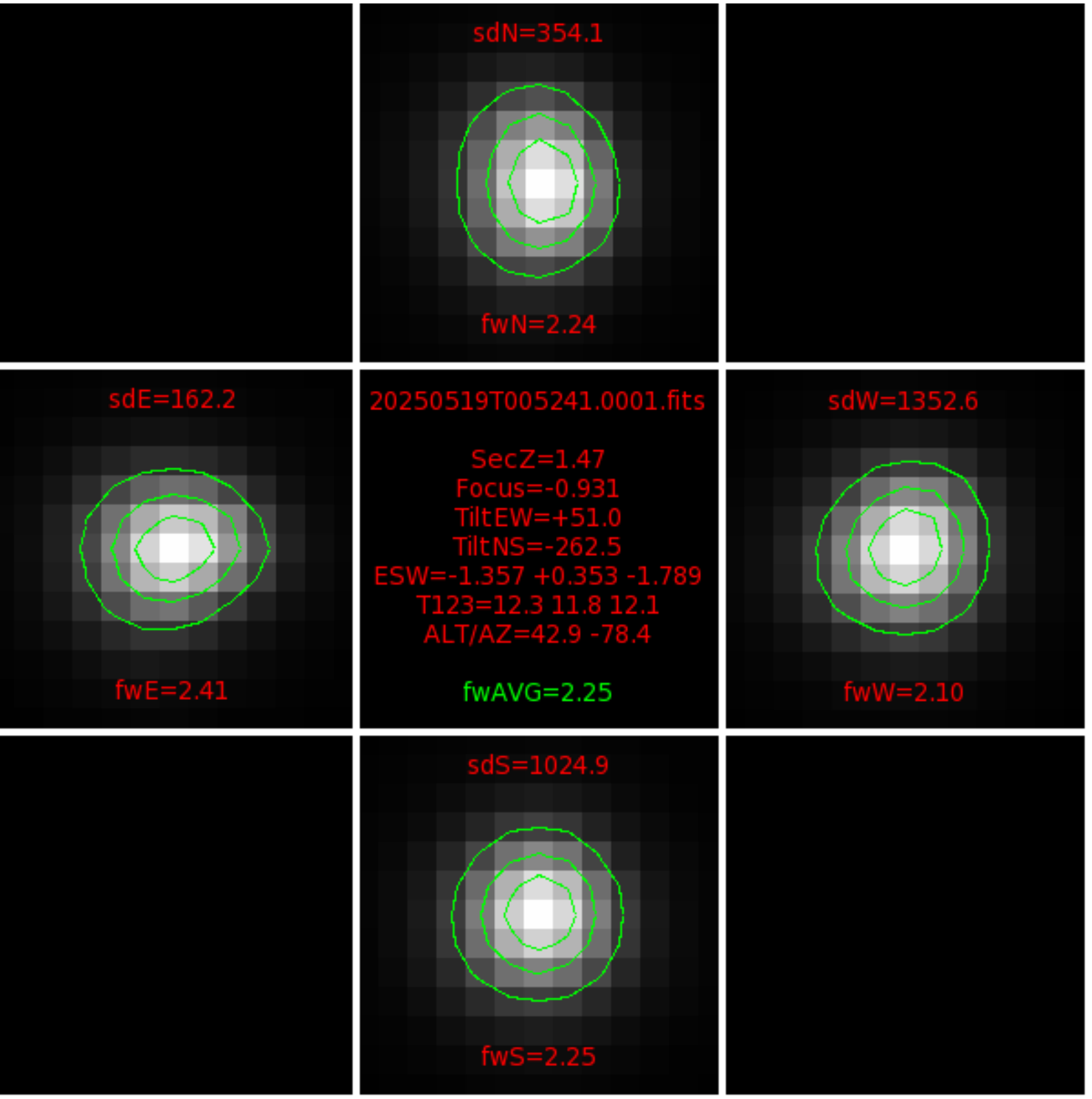
sdN=354.1
fwN=2.24
sdE=162.2
fwE=2.41
20250519T005241.0001.fits
SecZ=1.47
Focus=-0.931
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.357 +0.353 -1.789
T123=12.3 11.8 12.1
ALT/AZ=42.9 -78.4
fwAVG=2.25
sdW=1352.6
fwW=2.10
sdS=1024.9
fwS=2.25
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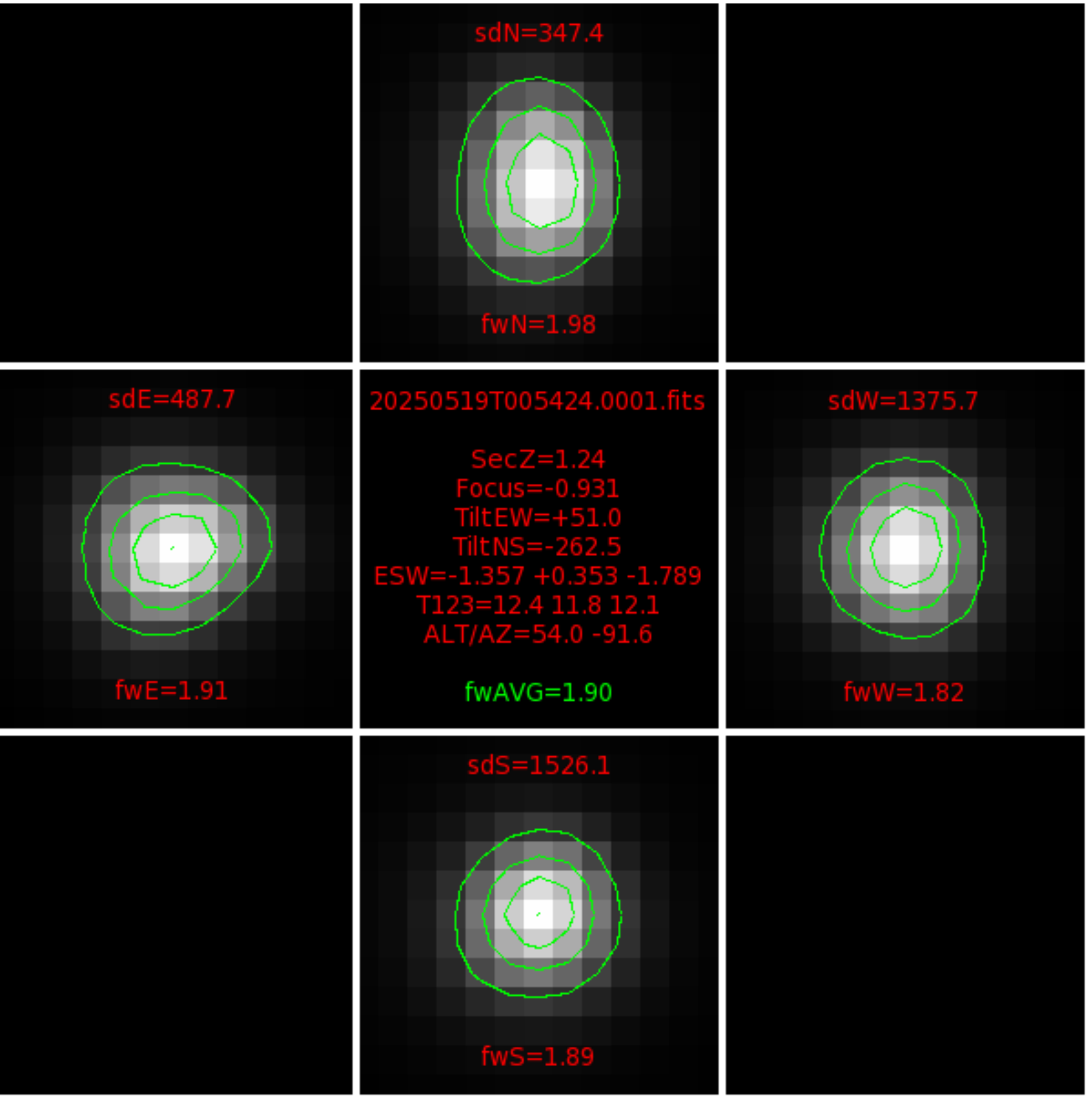
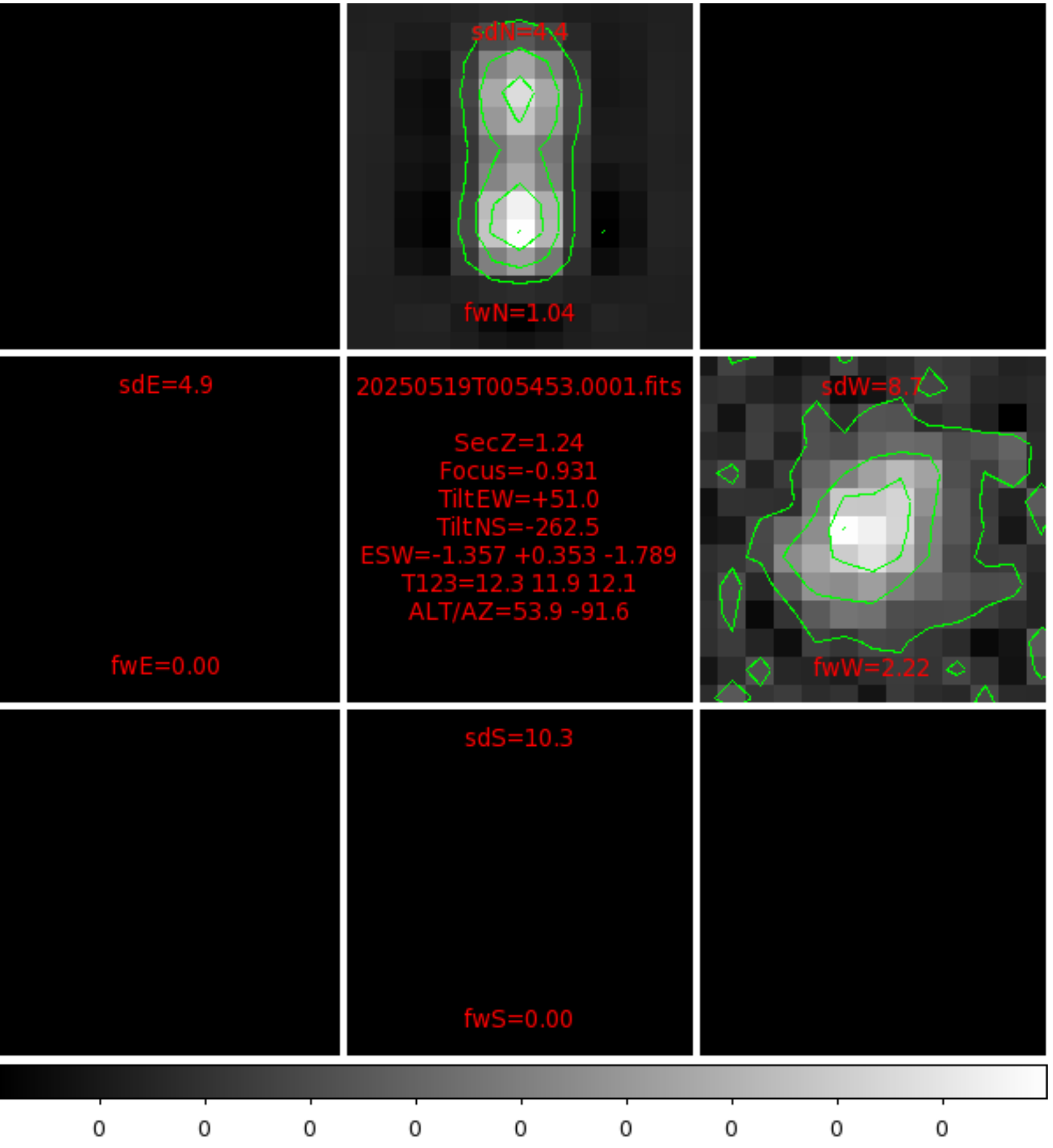
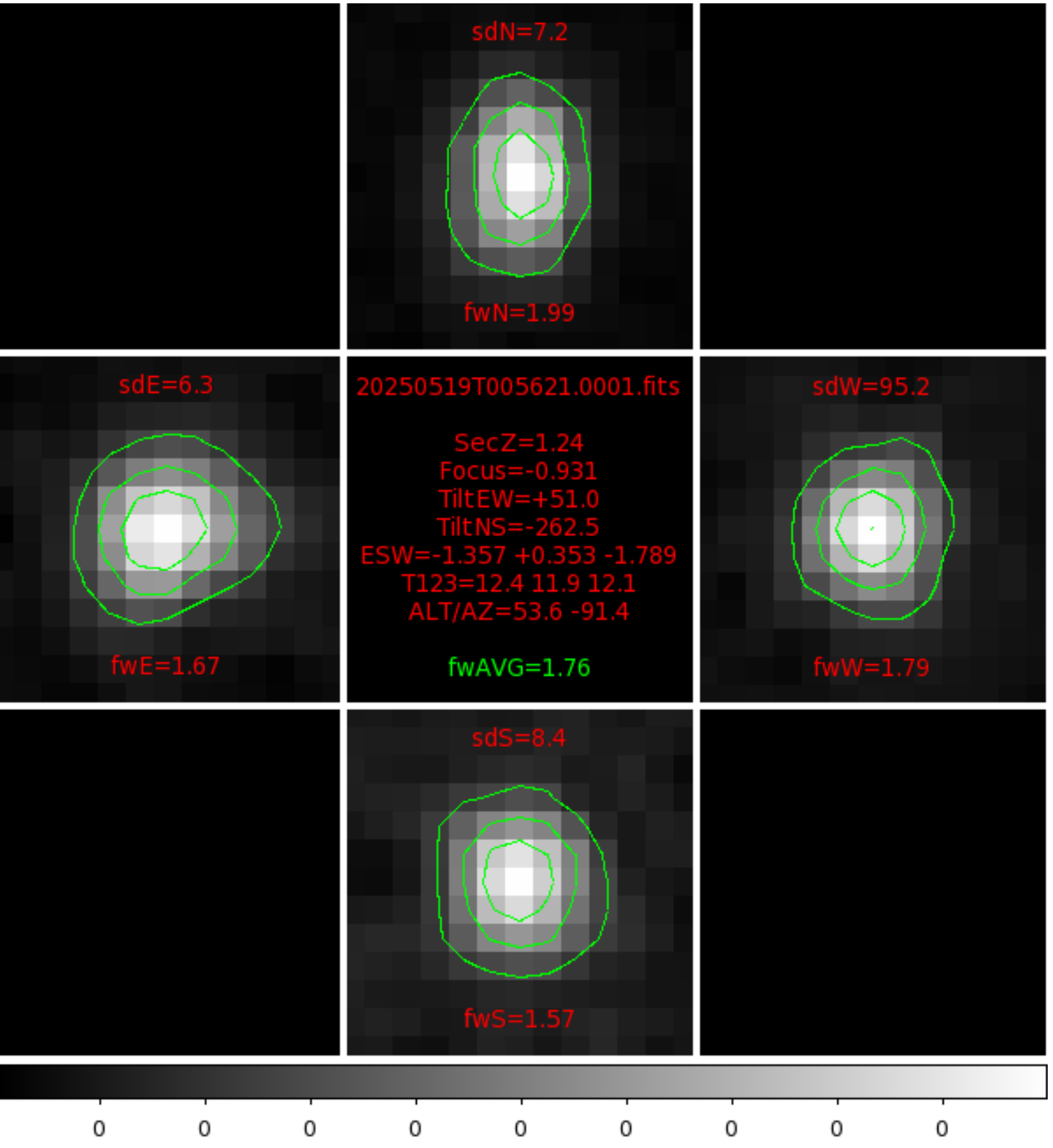

sdN=347.4
fwN=1.98
sdE=487.7
fwE=1.91
20250519T005424.0001.fits
SecZ=1.24
Focus=-0.931
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.357 +0.353 -1.789
T123=12.4 11.8 12.1
ALT/AZ=54.0 -91.6
fwAVG=1.90
sdW=1375.7
fwW=1.82
sdS=1526.1
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=4.4
fwN=1.04
sdE=4.9
fwE=0.00
20250519T005453.0001.fits
SecZ=1.24
Focus=-0.931
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.357 +0.353 -1.789
T123=12.3 11.9 12.1
ALT/AZ=53.9 -91.6
sdW=8.7
fwW=2.22
sdS=10.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=7.2
fwN=1.99
sdE=6.3
fwE=1.67
20250519T005621.0001.fits
SecZ=1.24
Focus=-0.931
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.357 +0.353 -1.789
T123=12.4 11.9 12.1
ALT/AZ=53.6 -91.4
fwAVG=1.76
sdW=95.2
fwW=1.79
sdS=8.4
fwS=1.57
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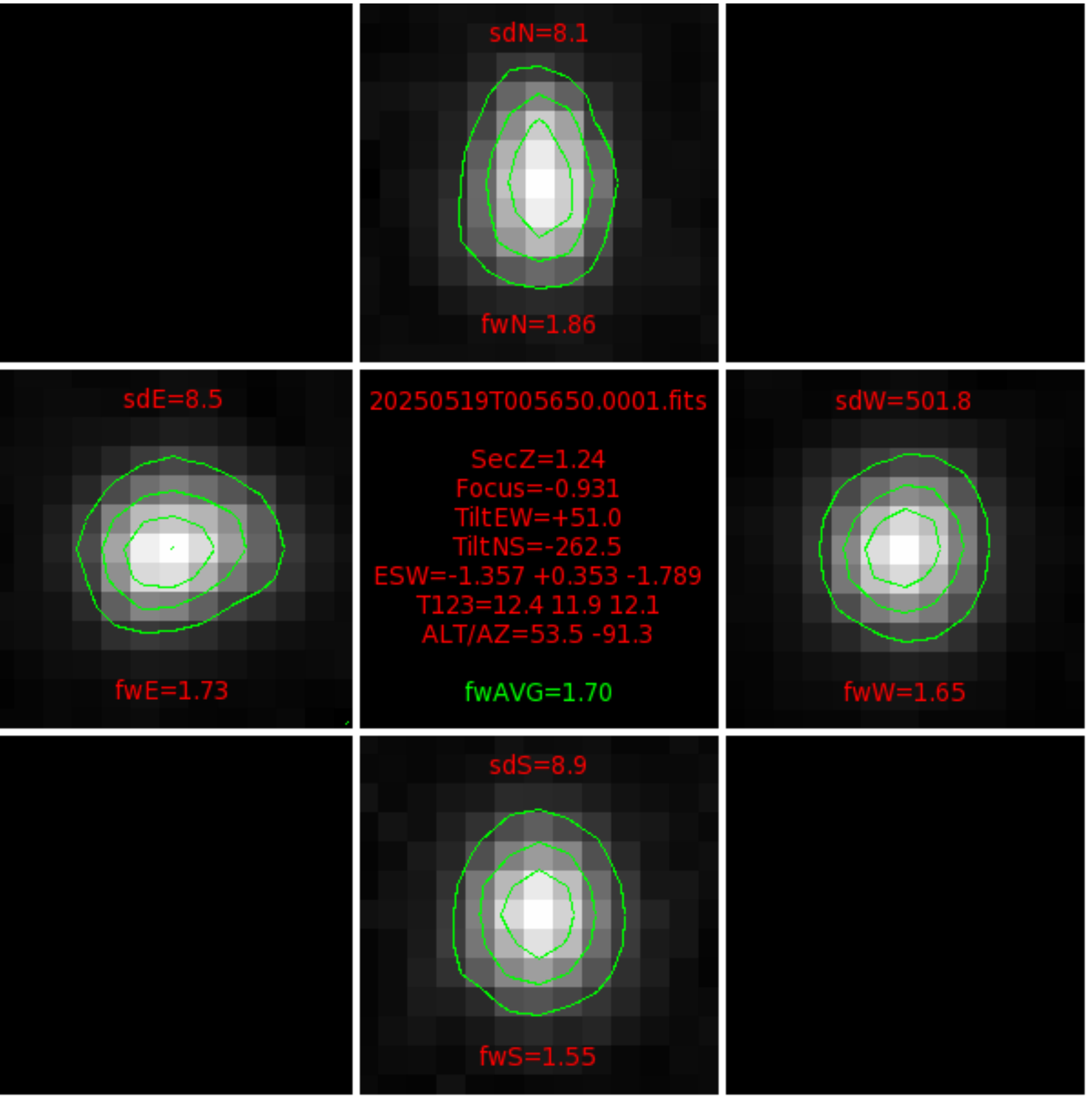
sdN=8.1
fwN=1.86
sdE=8.5
fwE=1.73
20250519T005650.0001.fits
SecZ=1.24
Focus=-0.931
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.357 +0.353 -1.789
T123=12.4 11.9 12.1
ALT/AZ=53.5 -91.3
fwAVG=1.70
sdW=501.8
fwW=1.65
sdS=8.9
fwS=1.55
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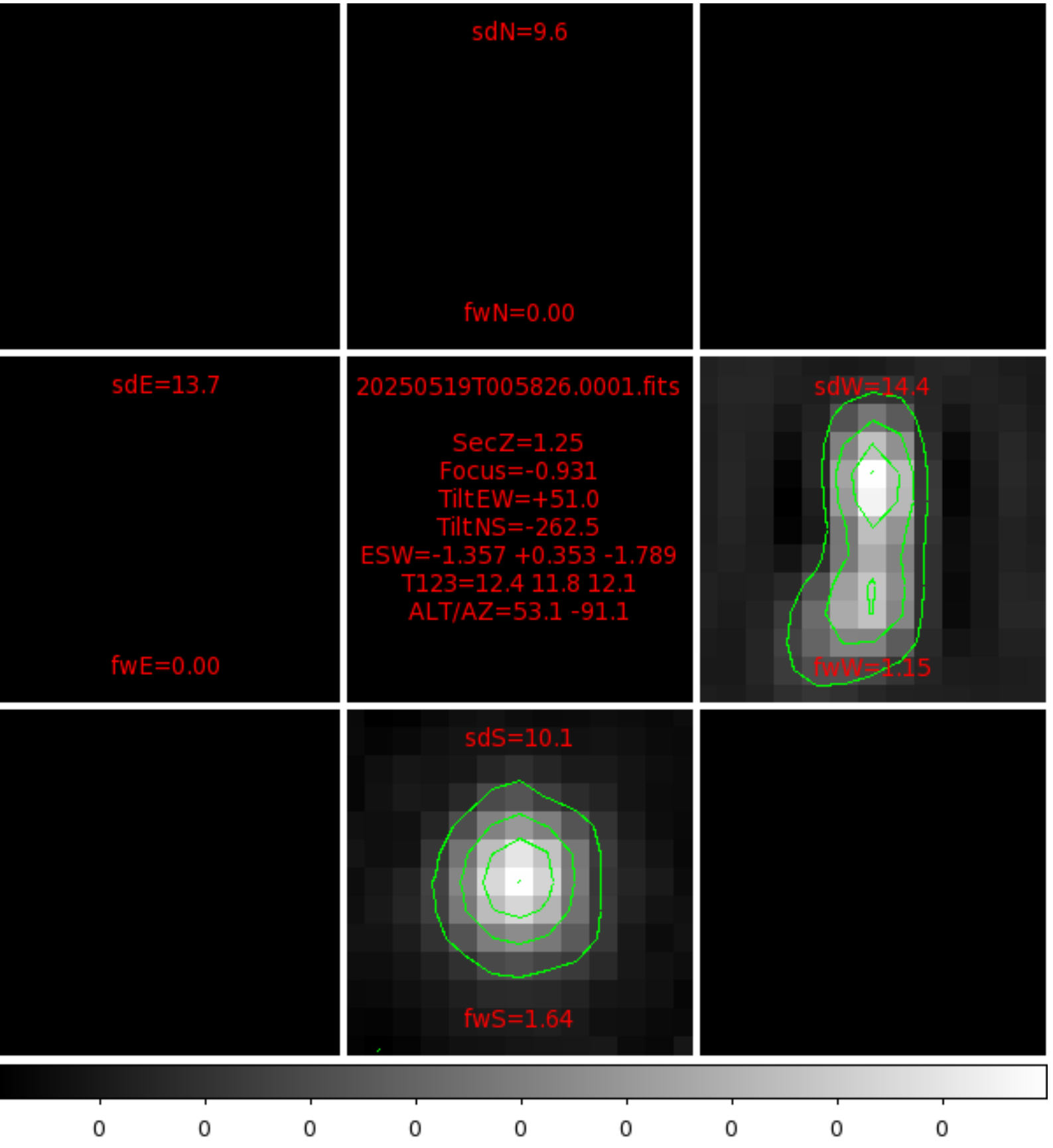
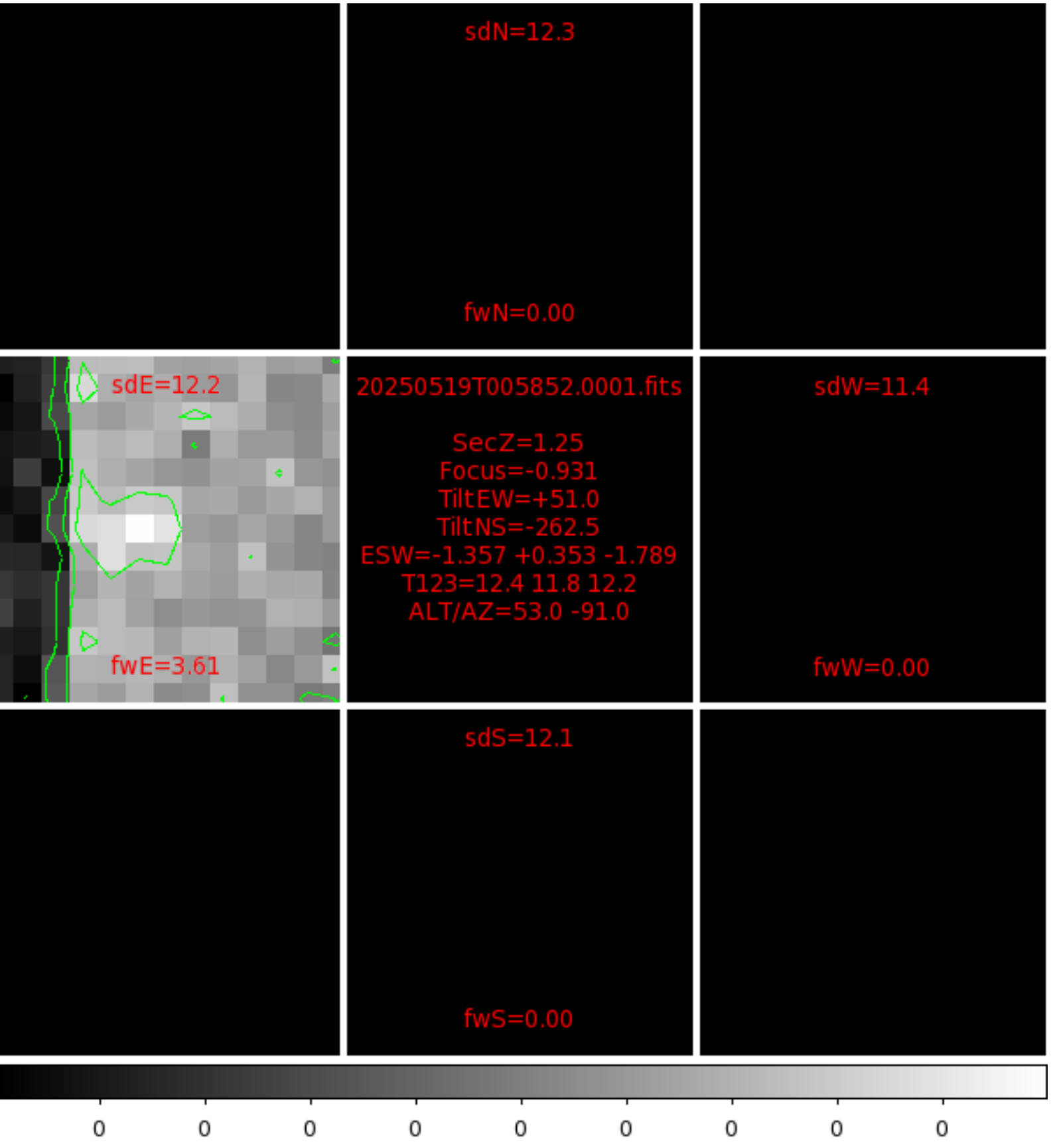
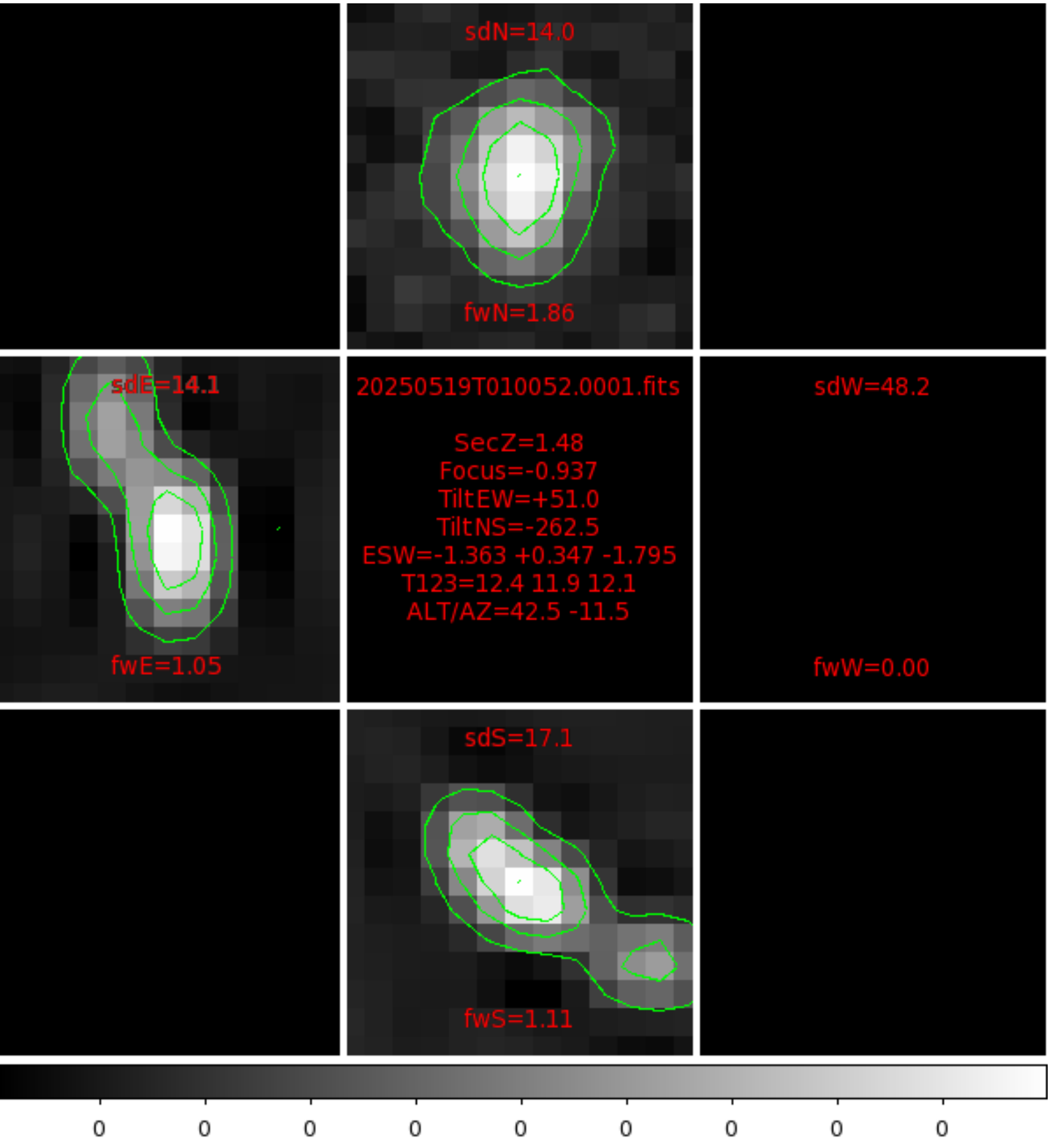

sdN=9.6
fwN=0.00
sdE=13.7
20250519T005826.0001.fits
SecZ=1.25
Focus=-0.931
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.357 +0.353 -1.789
T123=12.4 11.8 12.1
ALT/AZ=53.1 -91.1
sdW=14.4
fwE=0.00
fwW=1.15
sdS=10.1
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=12.3
fwN=0.00
sdE=12.2
fwE=3.61
20250519T005852.0001.fits
SecZ=1.25
Focus=-0.931
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.357 +0.353 -1.789
T123=12.4 11.8 12.2
ALT/AZ=53.0 -91.0
sdW=11.4
fwW=0.00
sdS=12.1
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=14.0
fwN=1.86
sdE=14.1
fwE=1.05
20250519T010052.0001.fits
SecZ=1.48
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.4 11.9 12.1
ALT/AZ=42.5 -11.5
sdW=48.2
fwW=0.00
sdS=17.1
fwS=1.11
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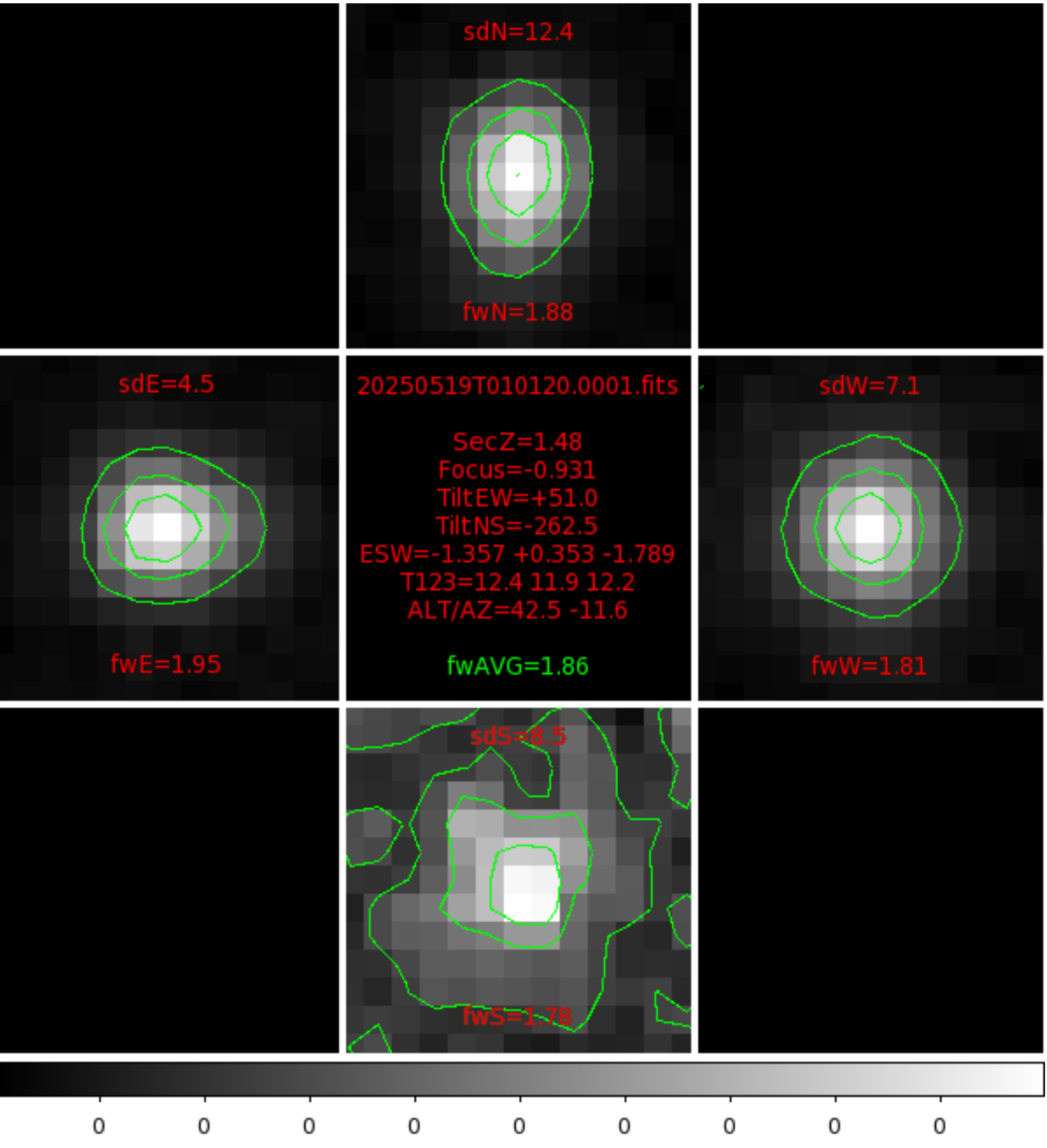
sdN=12.4
fwN=1.88
sdE=4.5
fwE=1.95
20250519T010120.0001.fits
SecZ=1.48
Focus=-0.931
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.357 +0.353 -1.789
T123=12.4 11.9 12.2
ALT/AZ=42.5 -11.6
fwAVG=1.86
sdW=7.1
fwW=1.81
sdS=8.5
fwS=1.78
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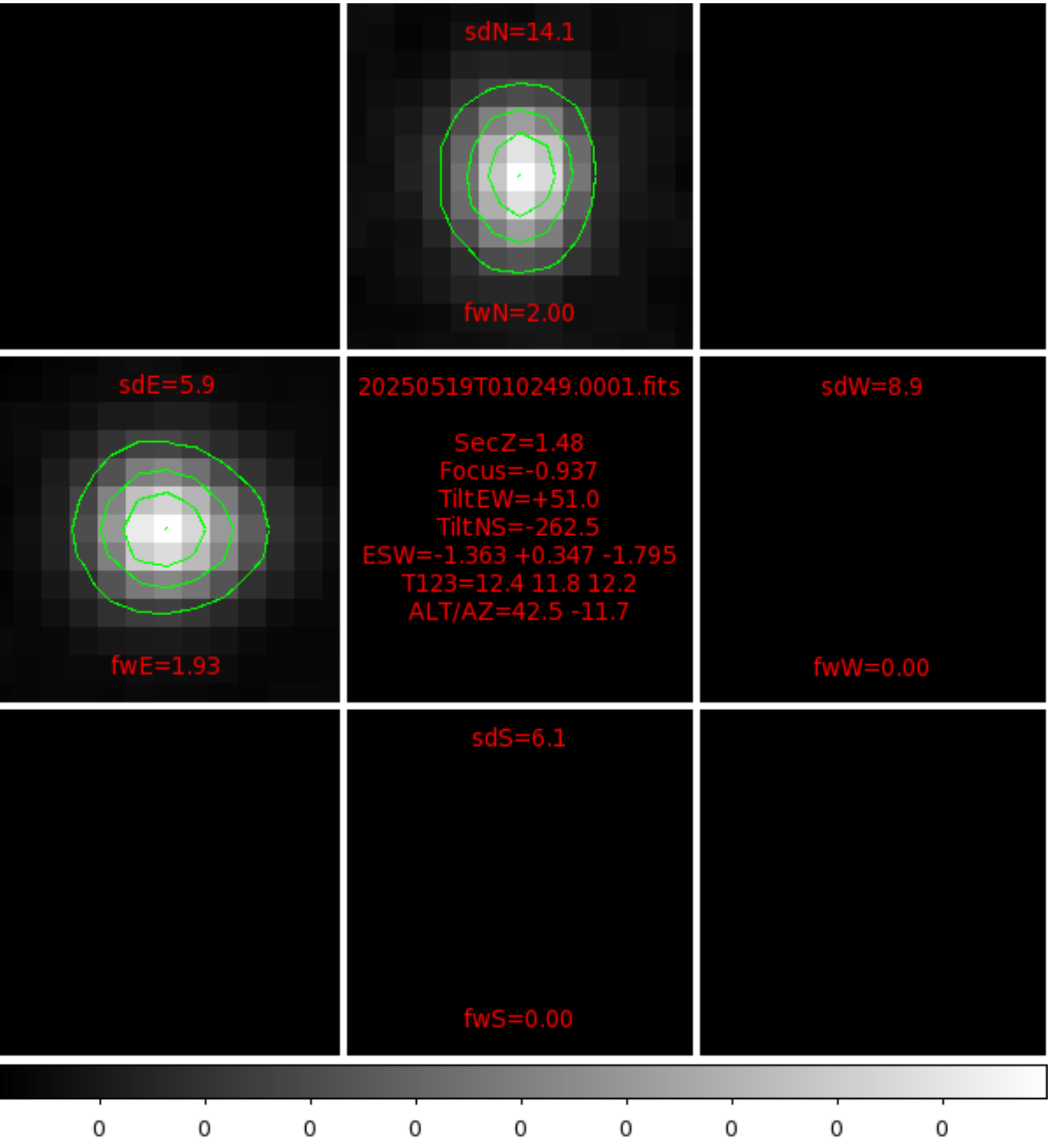
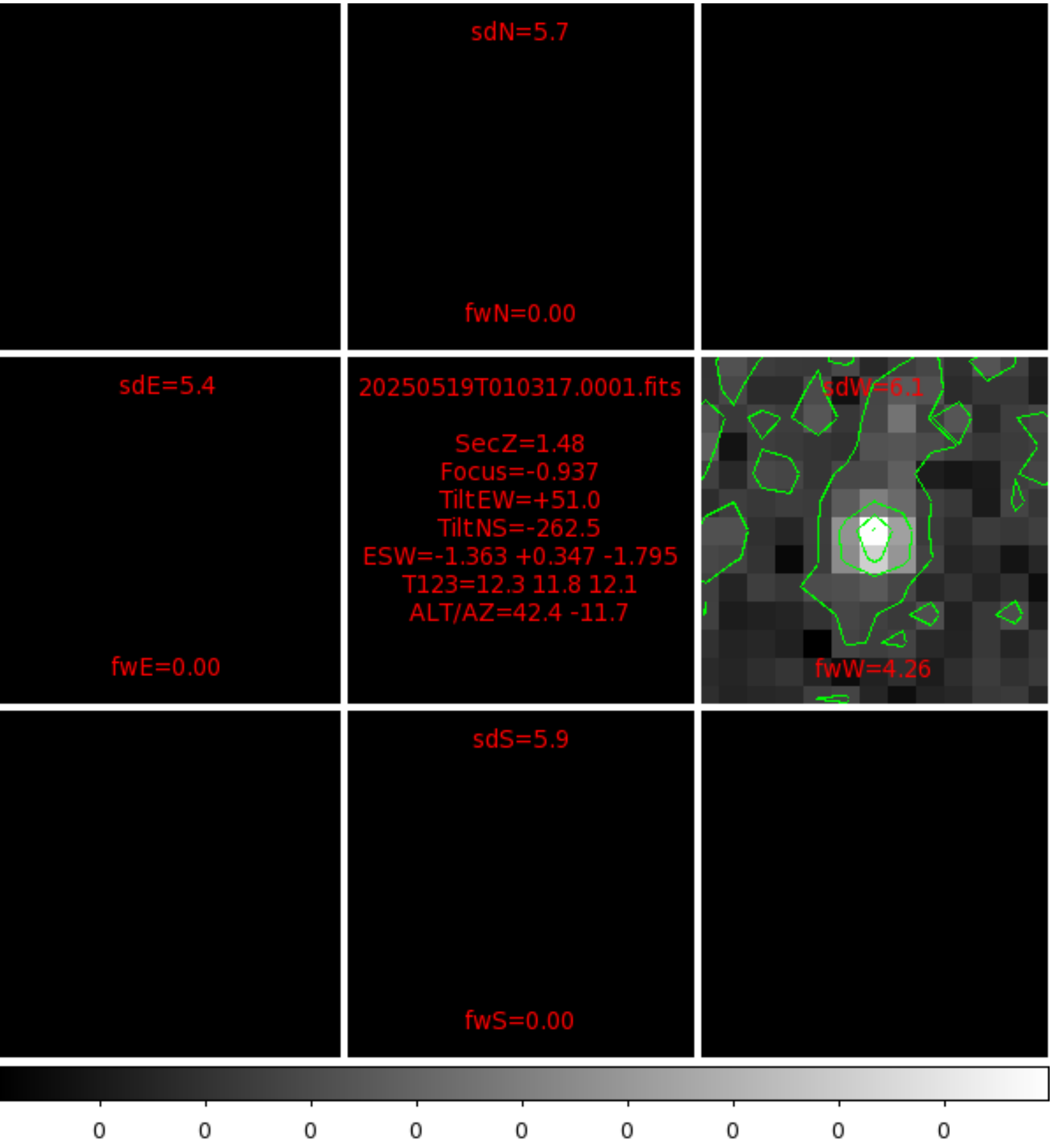

sdN=14.1
fwN=2.00
sdE=5.9
fwE=1.93
20250519T010249.0001.fits
SecZ=1.48
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.4 11.8 12.2
ALT/AZ=42.5 -11.7
sdW=8.9
fwW=0.00
sdS=6.1
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=5.7
fwN=0.00
sdE=5.4
20250519T010317.0001.fits
SecZ=1.48
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.3 11.8 12.1
ALT/AZ=42.4 -11.7
sdW=6.1
fwE=0.00
fwW=4.26
sdS=5.9
fwS=0.00
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sdN=8.9
fwN=0.00
sdE=10.1
20250519T010445.0001.fits
SecZ=1.48
Focus=-0.931
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.357 +0.353 -1.789
T123=12.4 11.9 12.2
ALT/AZ=42.4 -11.8
sdW=8.5
fwE=0.00
fwW=0.00
sdS=10.5
fwS=0.00
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sdN=11.9
fwN=0.00
sdE=11.4
20250519T010511.0001.fits
SecZ=1.48
Focus=-0.931
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.357 +0.353 -1.789
T123=12.4 11.9 12.2
ALT/AZ=42.4 -11.8
sdW=11.4
fwE=0.00
fwW=0.00
sdS=11.5
fwS=0.00
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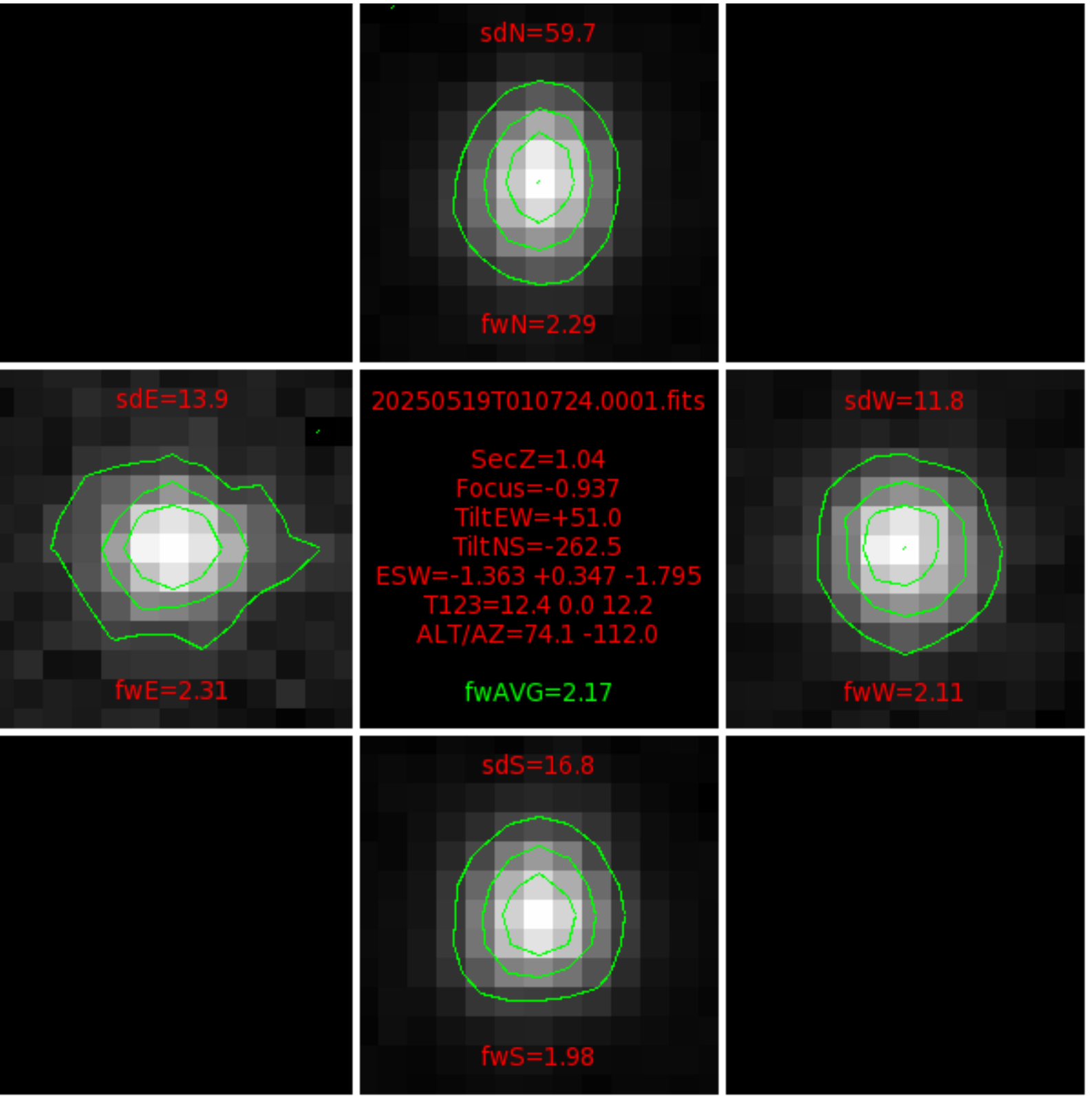
sdN=59.7
fwN=2.29
sdE=13.9
fwE=2.31
20250519T010724.0001.fits
SecZ=1.04
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.4 0.0 12.2
ALT/AZ=74.1 -112.0
fwAVG=2.17
sdW=11.8
fwW=2.11
sdS=16.8
fwS=1.98
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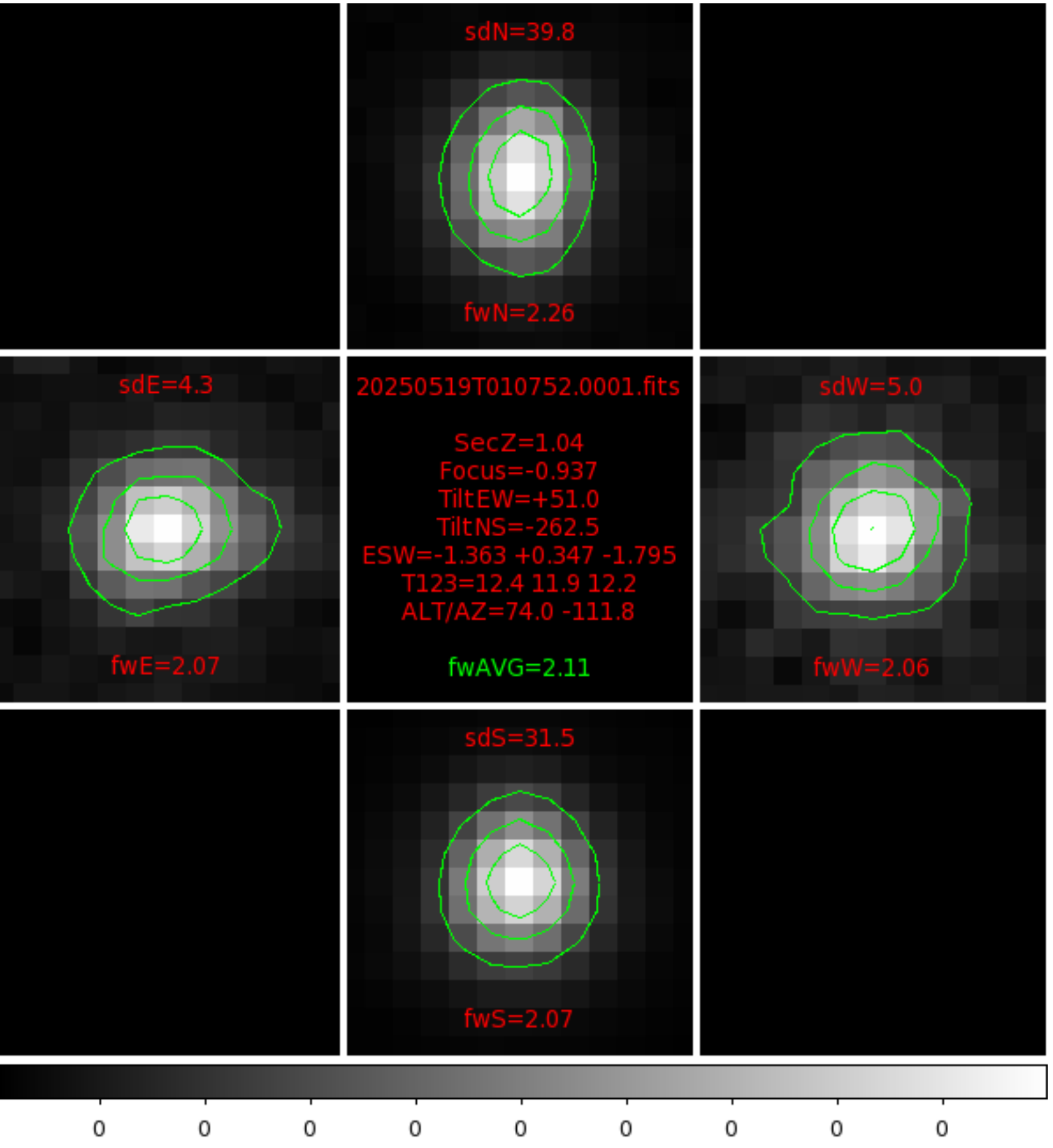
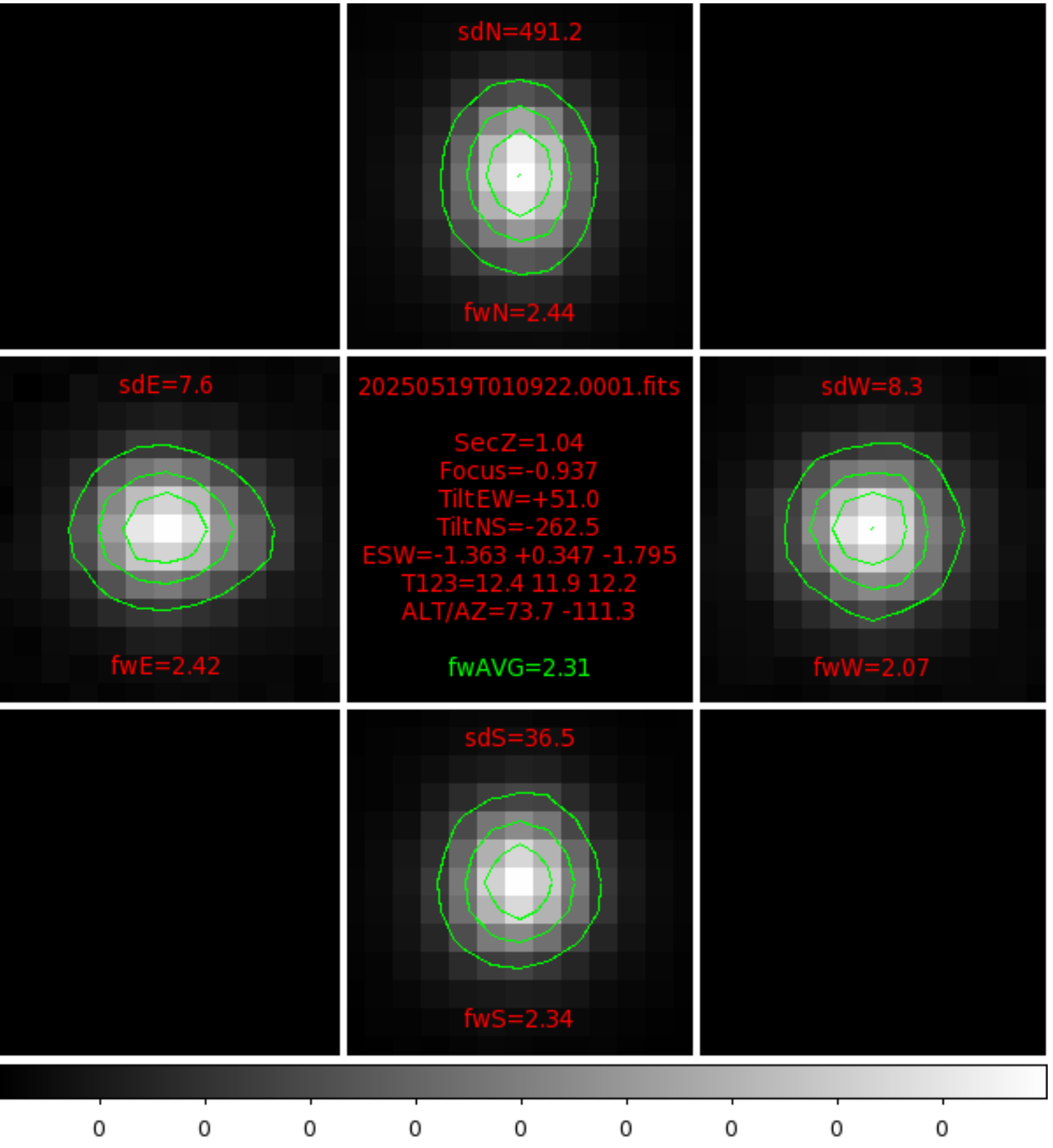

sdN=39.8
fwN=2.26
sdE=4.3
fwE=2.07
20250519T010752.0001.fits
SecZ=1.04
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.4 11.9 12.2
ALT/AZ=74.0 -111.8
fwAVG=2.11
sdW=5.0
fwW=2.06
sdS=31.5
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=491.2
fwN=2.44
sdE=7.6
fwE=2.42
20250519T010922.0001.fits
SecZ=1.04
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.4 11.9 12.2
ALT/AZ=73.7 -111.3
fwAVG=2.31
sdW=8.3
fwW=2.07
sdS=36.5
fwS=2.34
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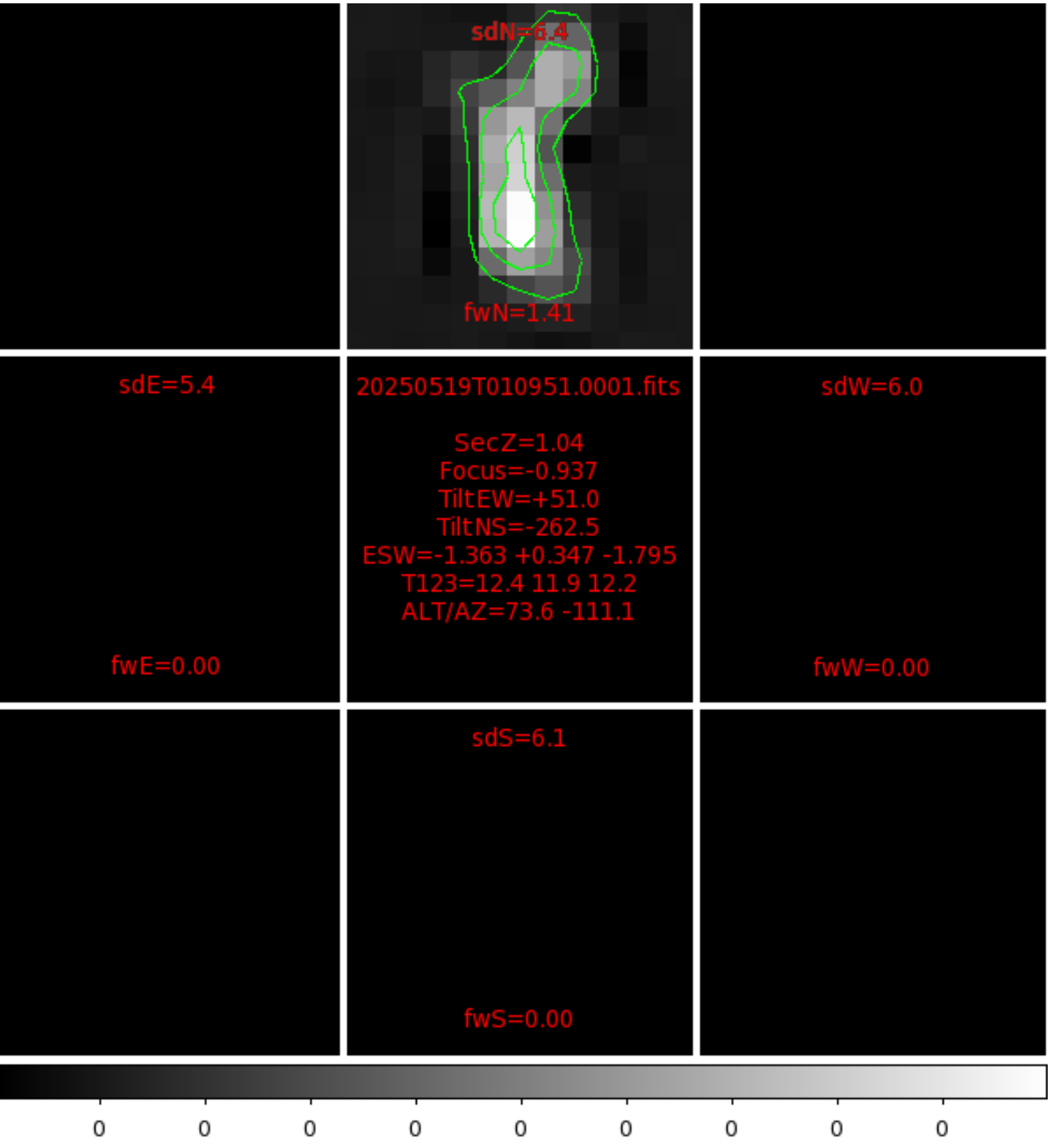
sdN=6.4
fwN=1.41
sdE=5.4
20250519T010951.0001.fits
SecZ=1.04
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.4 11.9 12.2
ALT/AZ=73.6 -111.1
sdW=6.0
fwE=0.00
fwW=0.00
sdS=6.1
fwS=0.00
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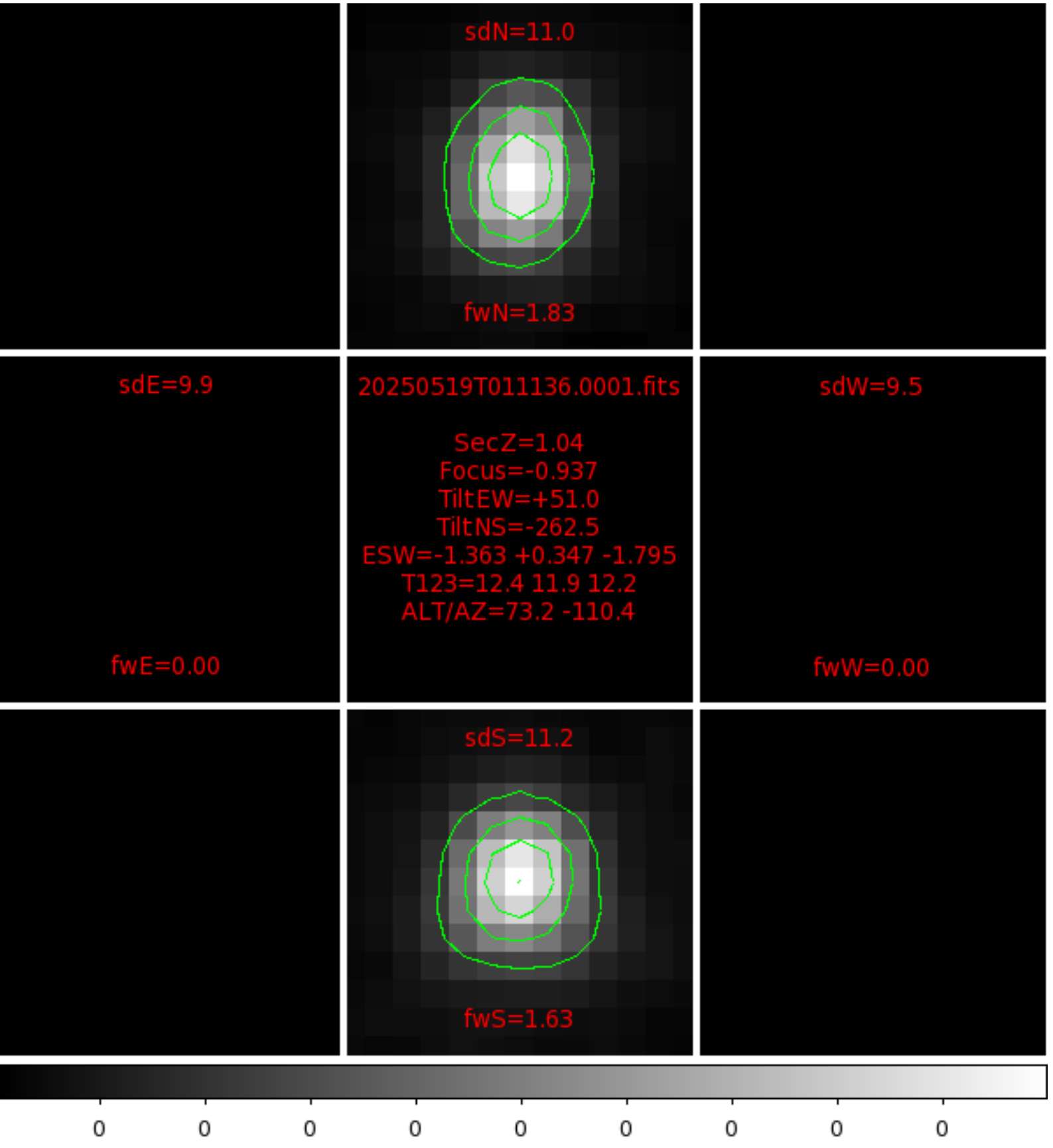
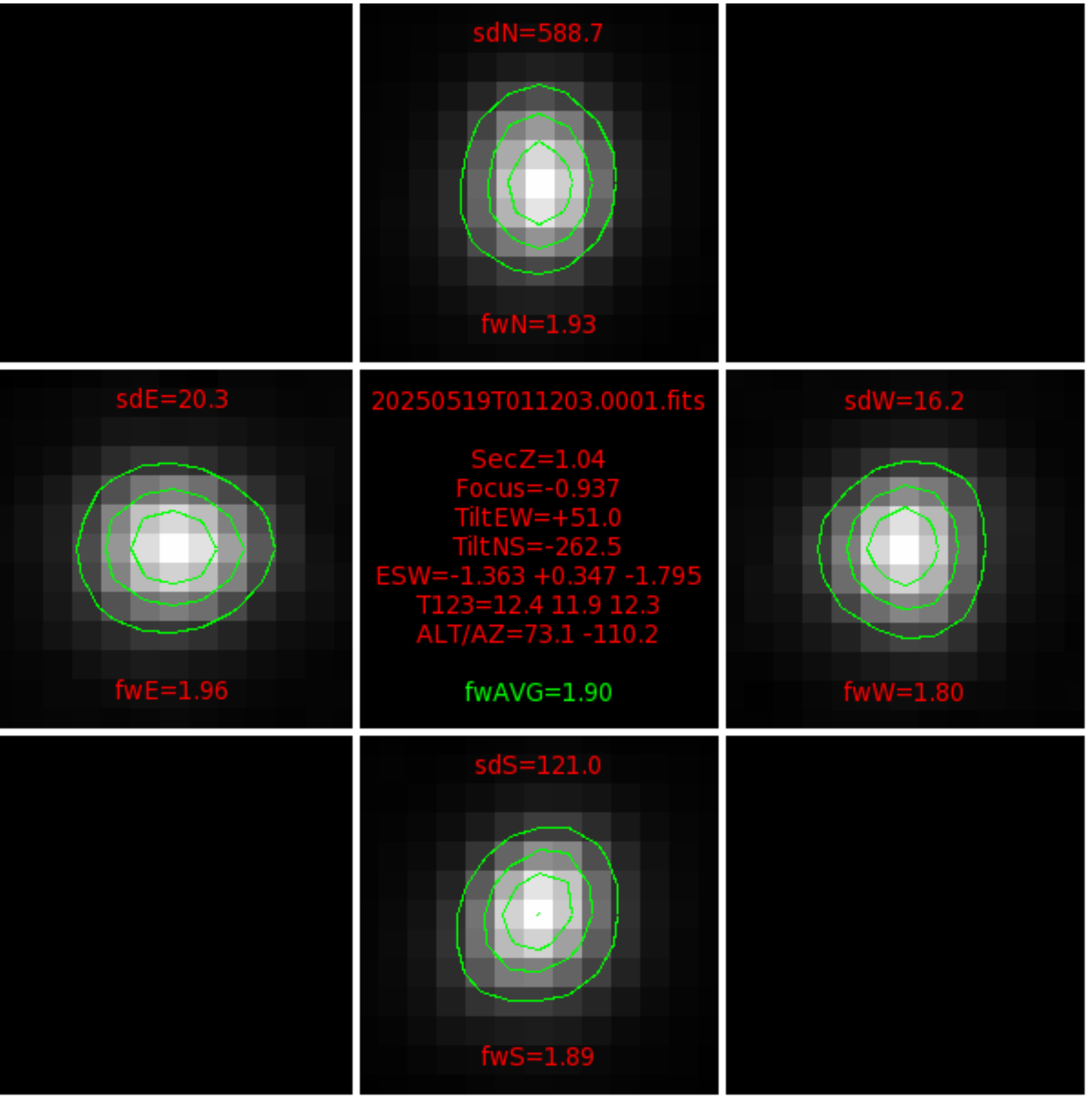
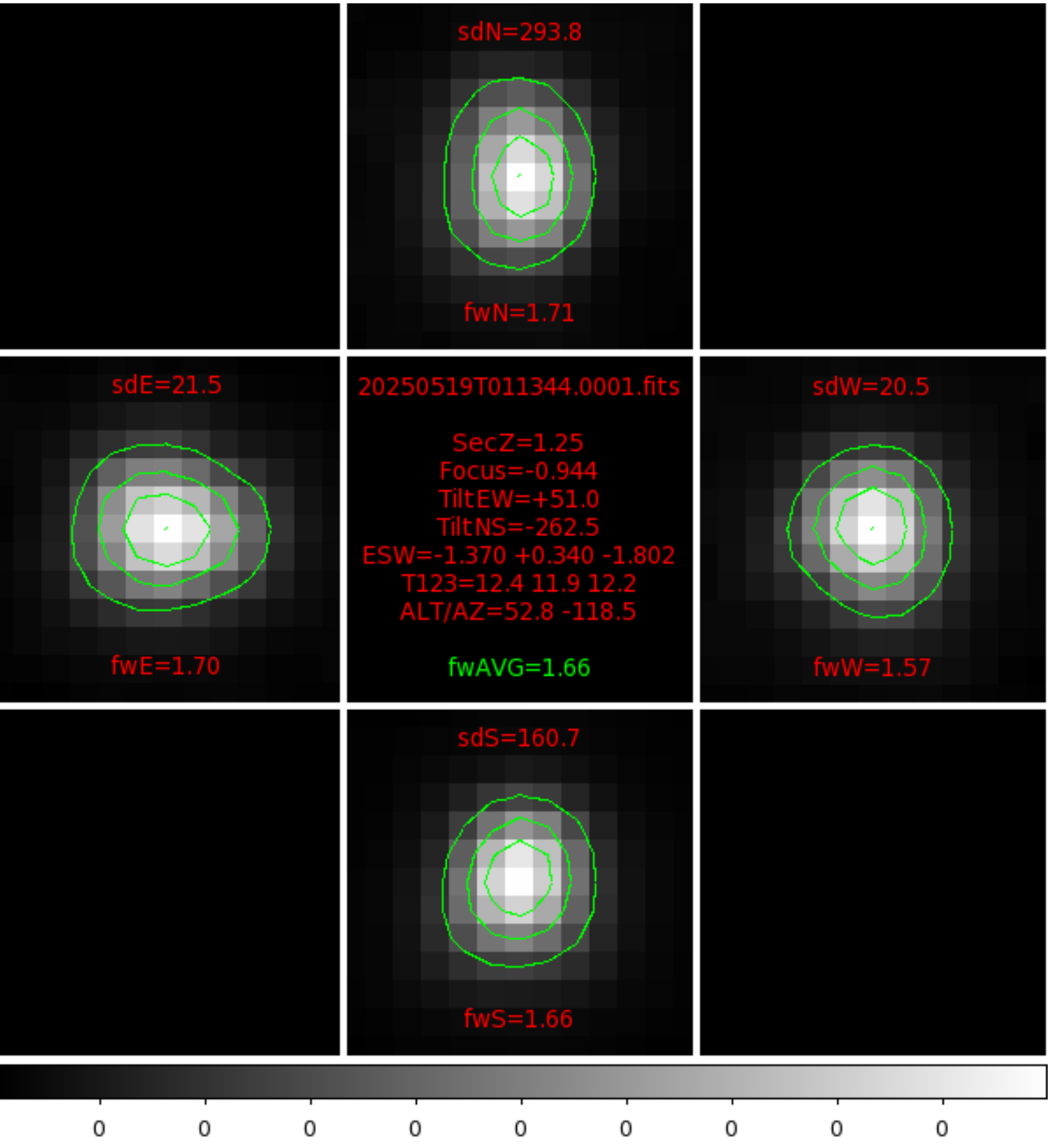

sdN=11.0
fwN=1.83
sdE=9.9
fwE=0.00
20250519T011136.0001.fits
SecZ=1.04
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.4 11.9 12.2
ALT/AZ=73.2 -110.4
sdW=9.5
fwW=0.00
sdS=11.2
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=588.7
fwN=1.93
sdE=20.3
fwE=1.96
20250519T011203.0001.fits
SecZ=1.04
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.4 11.9 12.3
ALT/AZ=73.1 -110.2
fwAVG=1.90
sdW=16.2
fwW=1.80
sdS=121.0
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=293.8
fwN=1.71
sdE=21.5
fwE=1.70
20250519T011344.0001.fits
SecZ=1.25
Focus=-0.944
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.370 +0.340 -1.802
T123=12.4 11.9 12.2
ALT/AZ=52.8 -118.5
fwAVG=1.66
sdW=20.5
fwW=1.57
sdS=160.7
fwS=1.66
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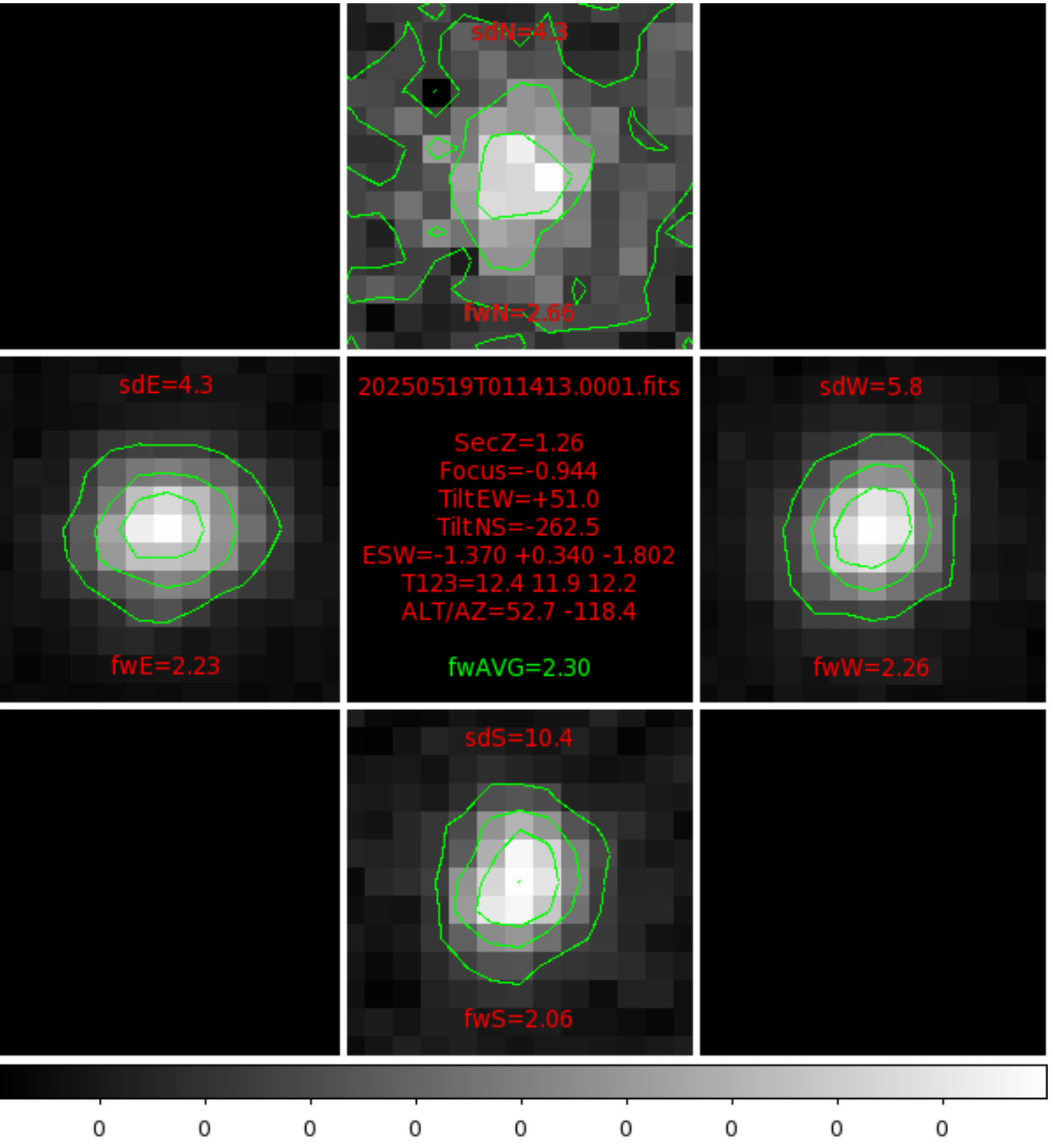
sdN=4.3
fwN=2.66
sdE=4.3
20250519T011413.0001.fits
SecZ=1.26
Focus=-0.944
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.370 +0.340 -1.802
T123=12.4 11.9 12.2
ALT/AZ=52.7 -118.4
fwAVG=2.30
sdW=5.8
fwE=2.23
fwW=2.26
sdS=10.4
fwS=2.06
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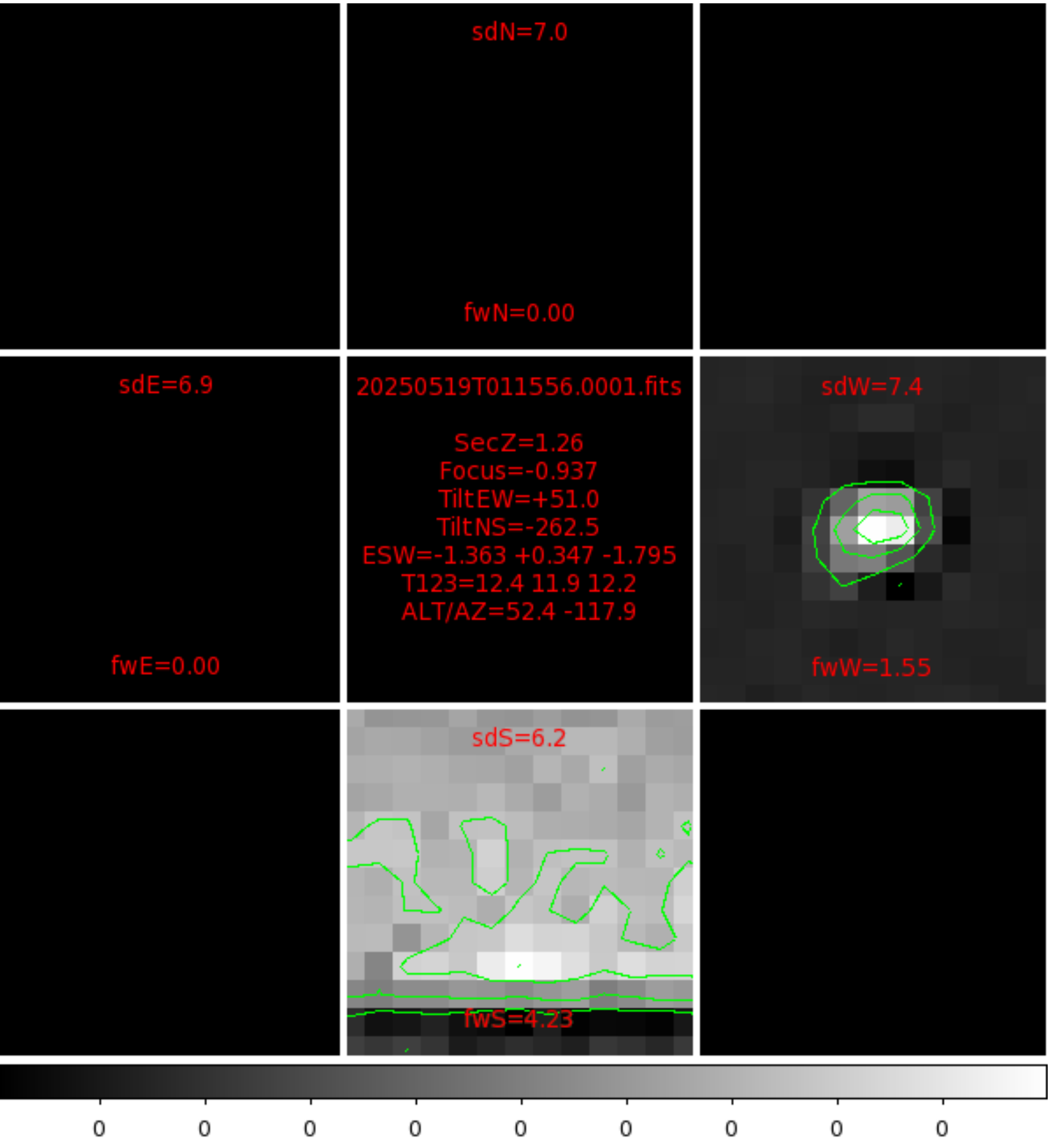
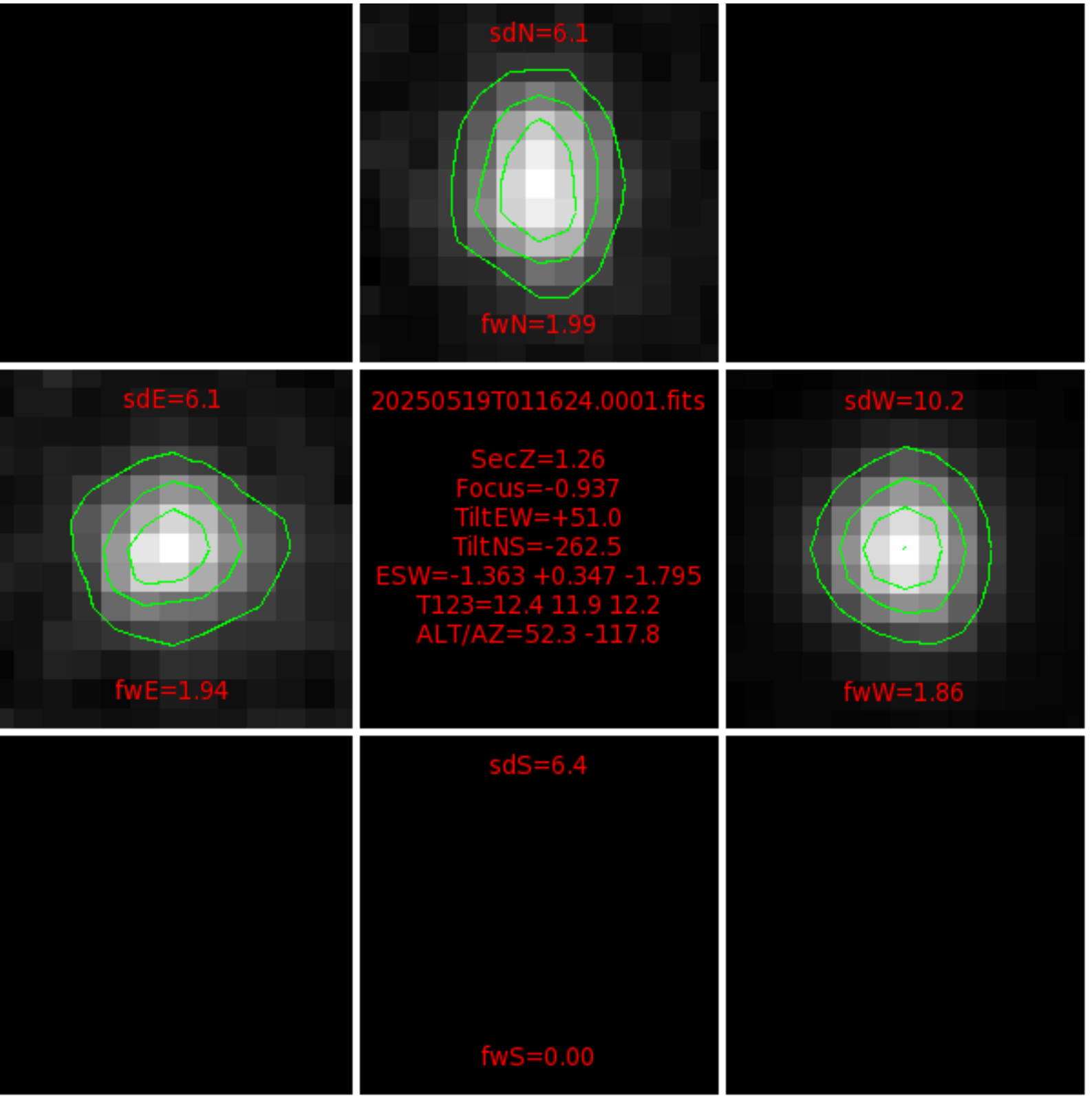

sdN=7.0
fwN=0.00
sdE=6.9
20250519T011556.0001.fits
SecZ=1.26
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.4 11.9 12.2
ALT/AZ=52.4 -117.9
sdW=7.4
fwE=0.00
fwW=1.55
sdS=6.2
fwS=4.23
0 0 0 0 0 0 0 0 0


sdN=6.1
fwN=1.99
sdE=6.1
fwE=1.94
20250519T011624.0001.fits
SecZ=1.26
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.4 11.9 12.2
ALT/AZ=52.3 -117.8
sdW=10.2
fwW=1.86
sdS=6.4
fwS=0.00
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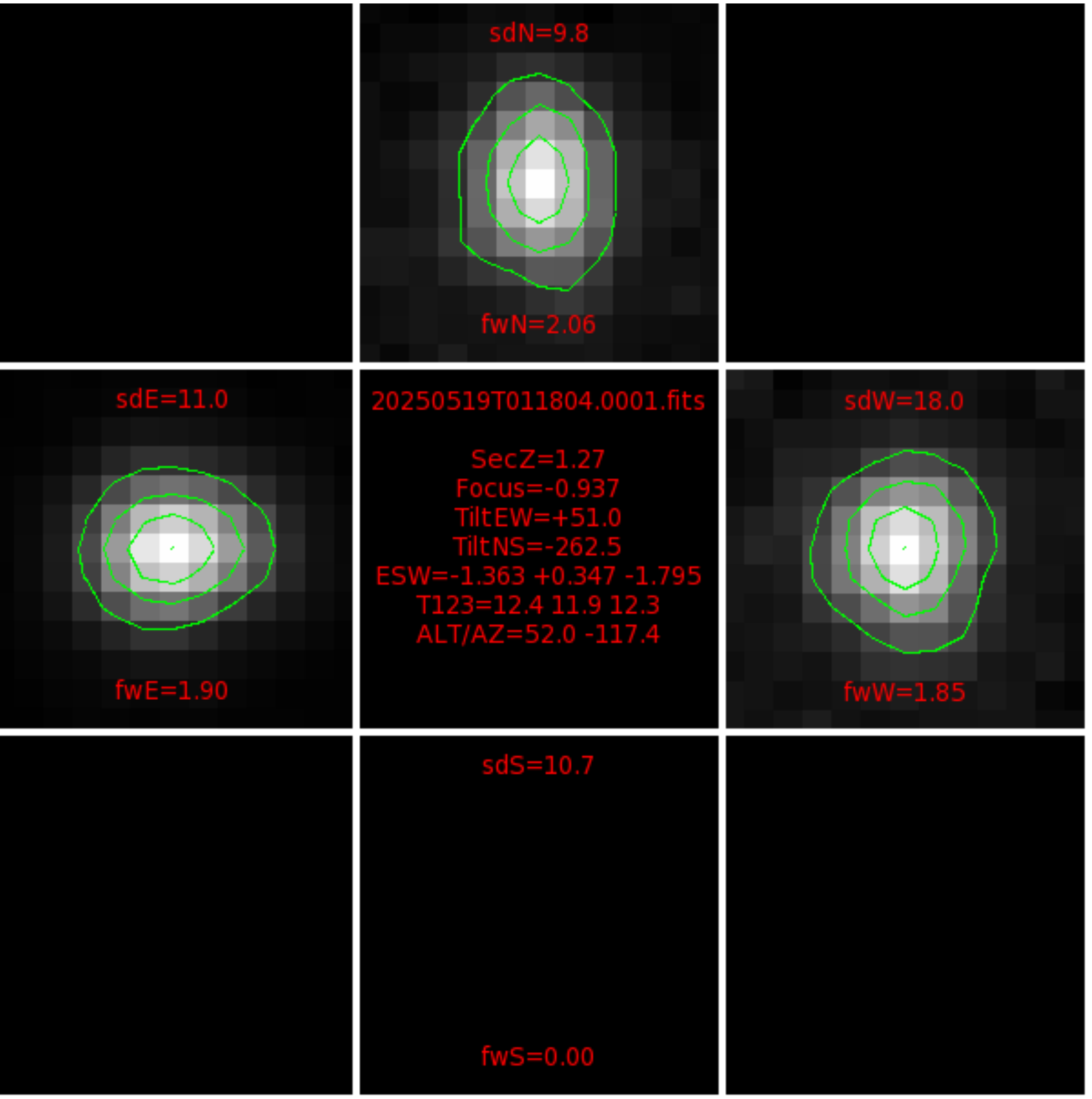
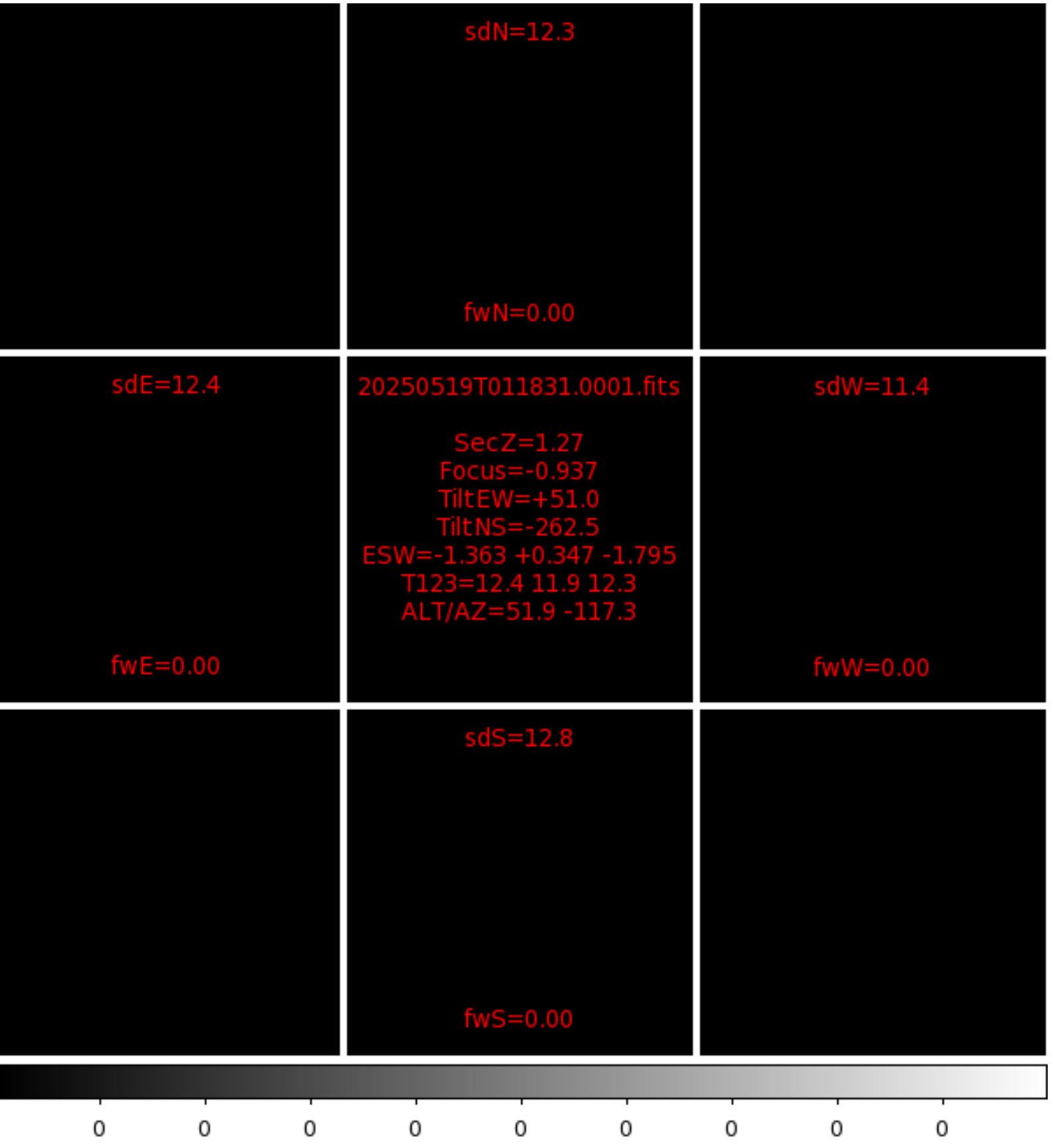
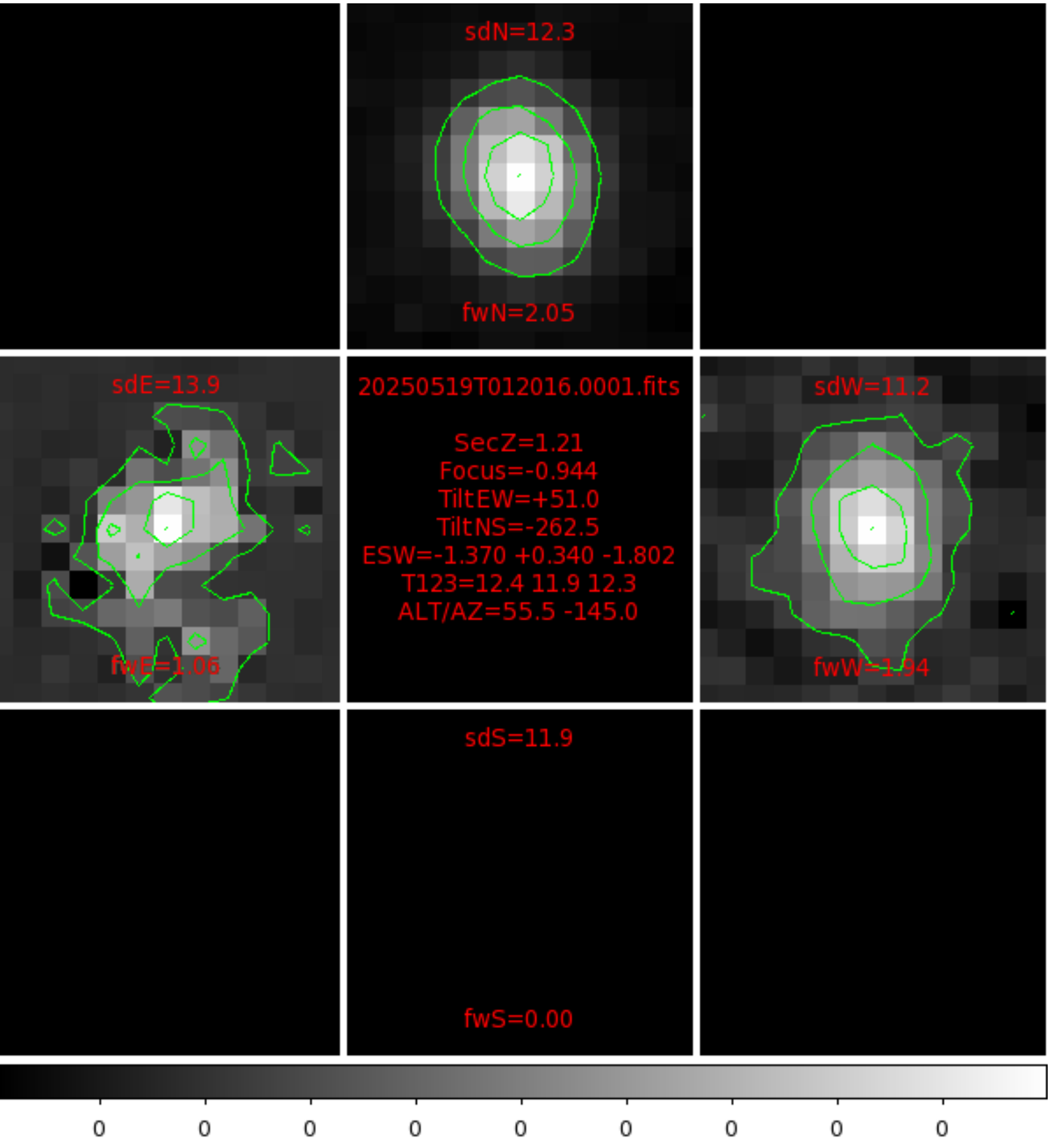
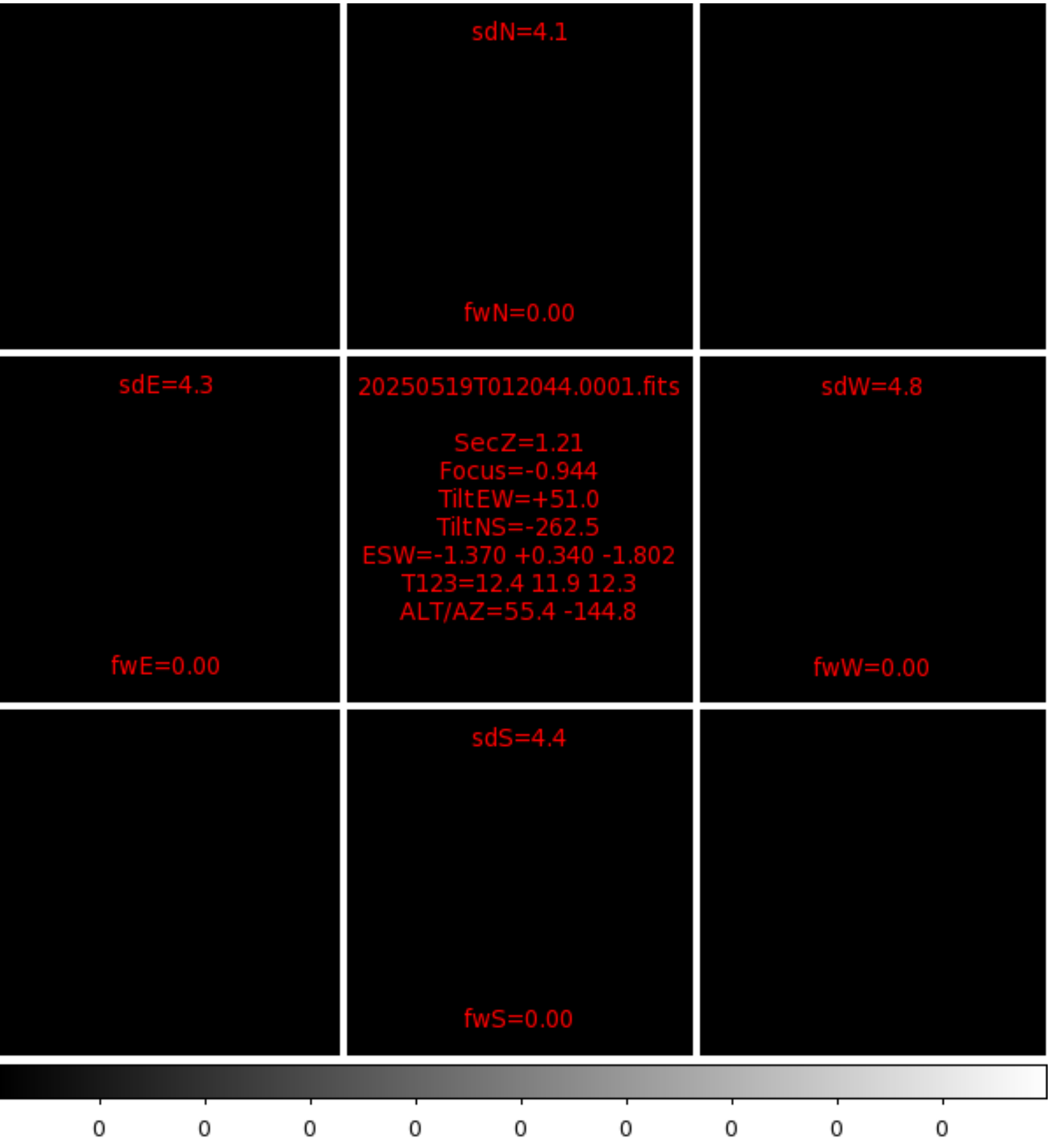
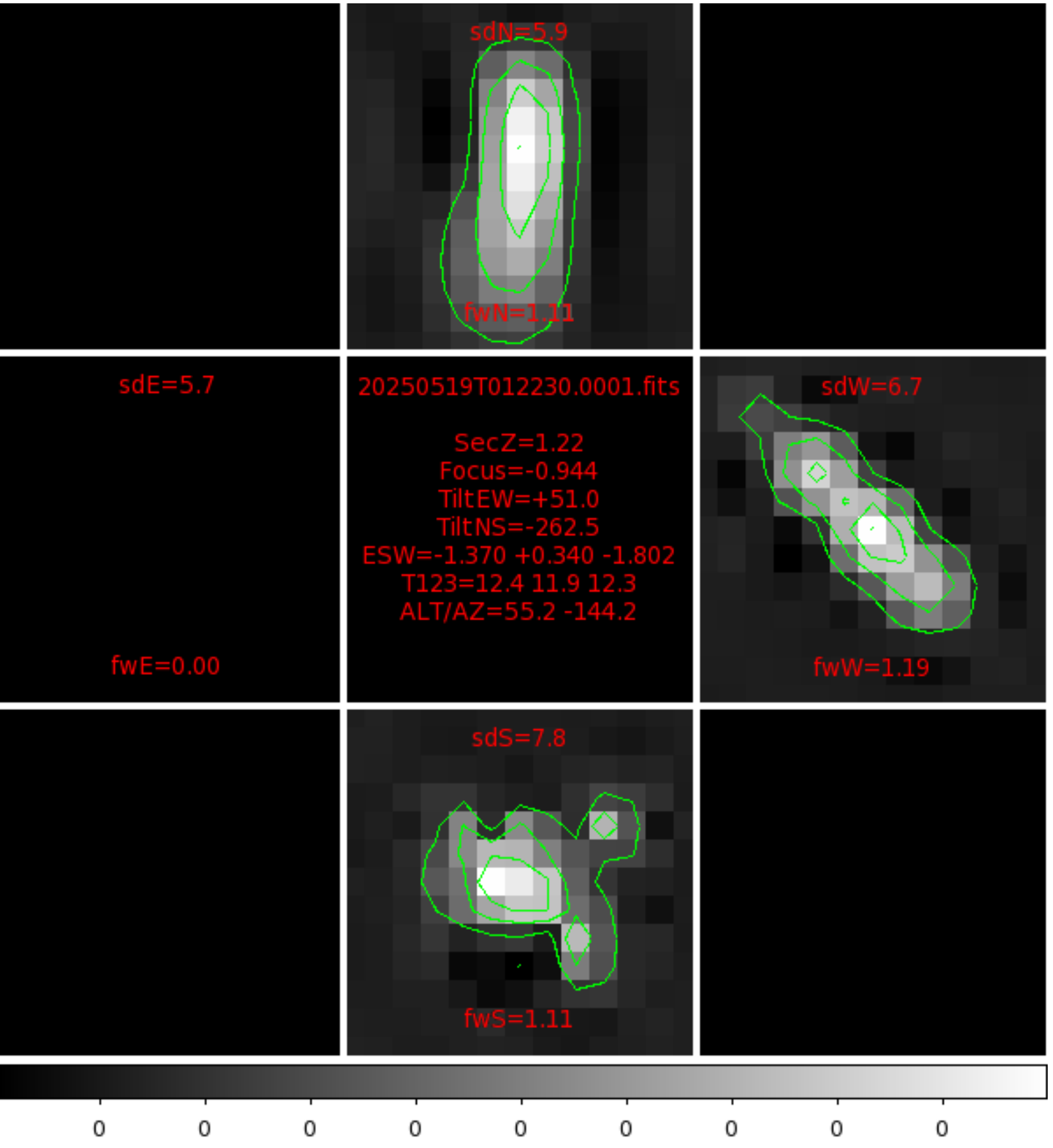
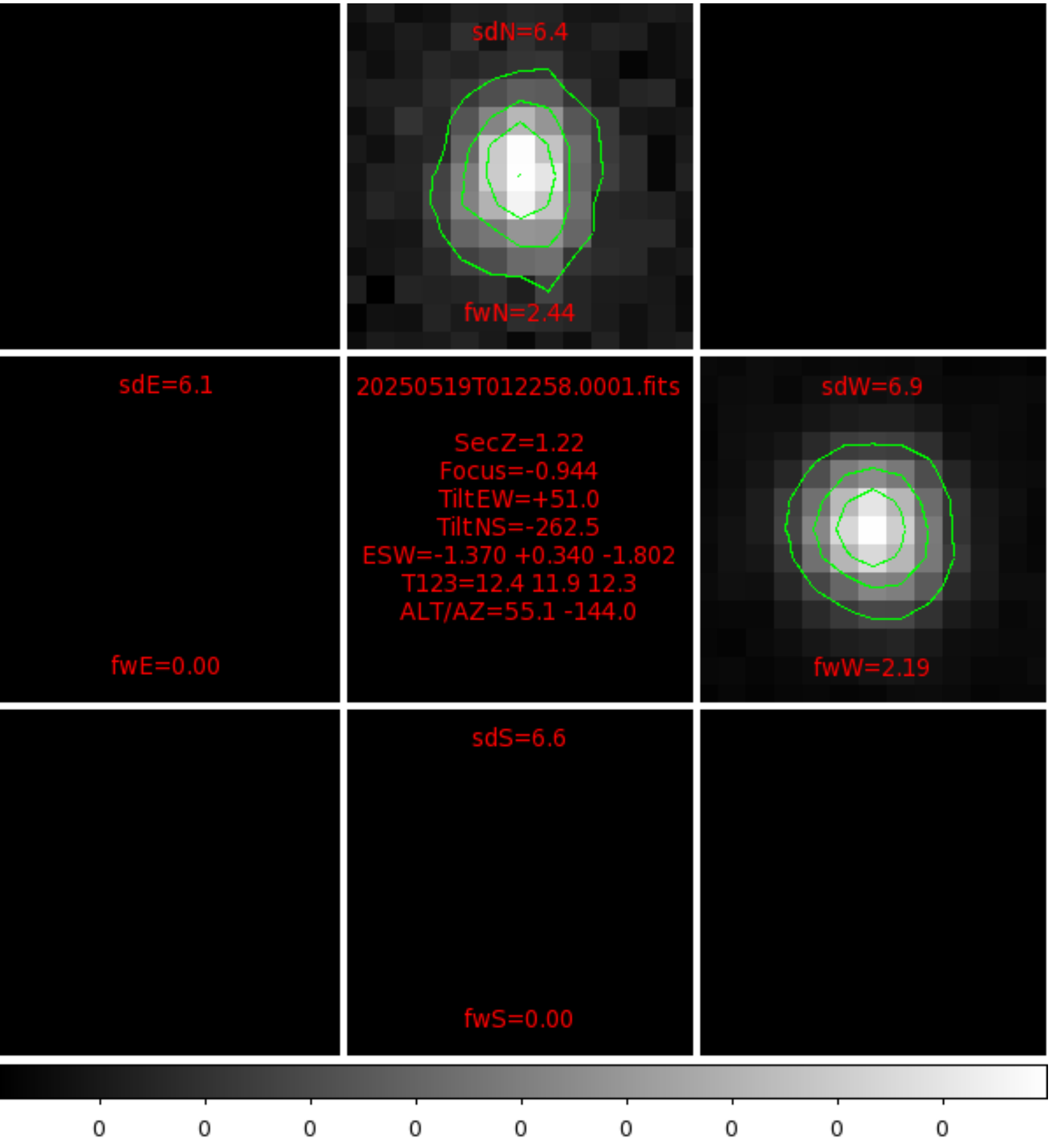

sdN=9.8
fwN=2.06
sdE=11.0
fwE=1.90
20250519T011804.0001.fits
SecZ=1.27
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.4 11.9 12.3
ALT/AZ=52.0 -117.4
sdW=18.0
fwW=1.85
sdS=10.7
fwS=0.00
0 0 0 0 0 0 0 0 0

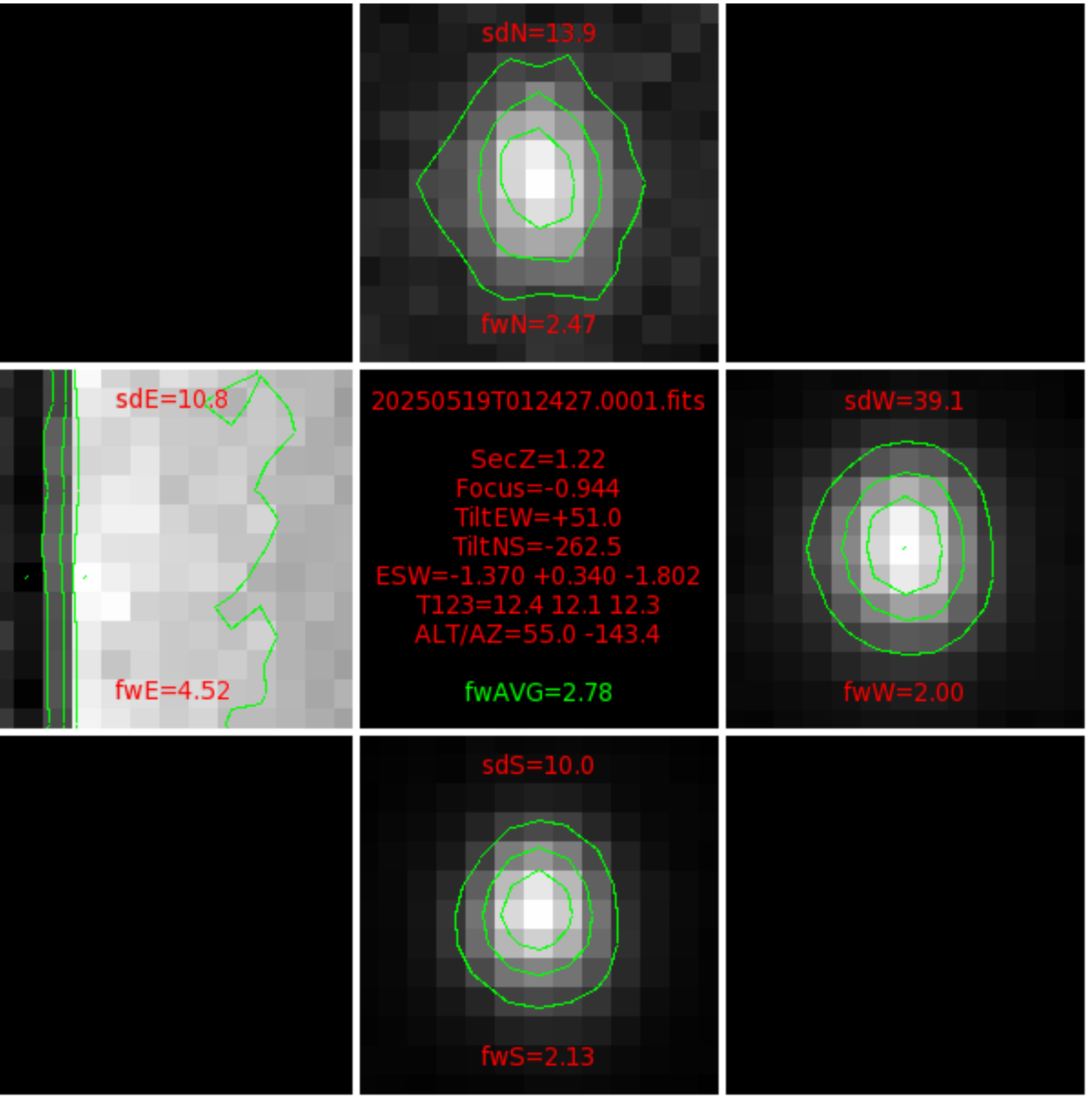

sdN=12.3
fwN=0.00
sdE=12.4
20250519T011831.0001.fits
SecZ=1.27
Focus=-0.937
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.363 +0.347 -1.795
T123=12.4 11.9 12.3
ALT/AZ=51.9 -117.3
sdW=11.4
fwE=0.00
fwW=0.00
sdS=12.8
fwS=0.00
0 0 0 0 0 0 0 0 0

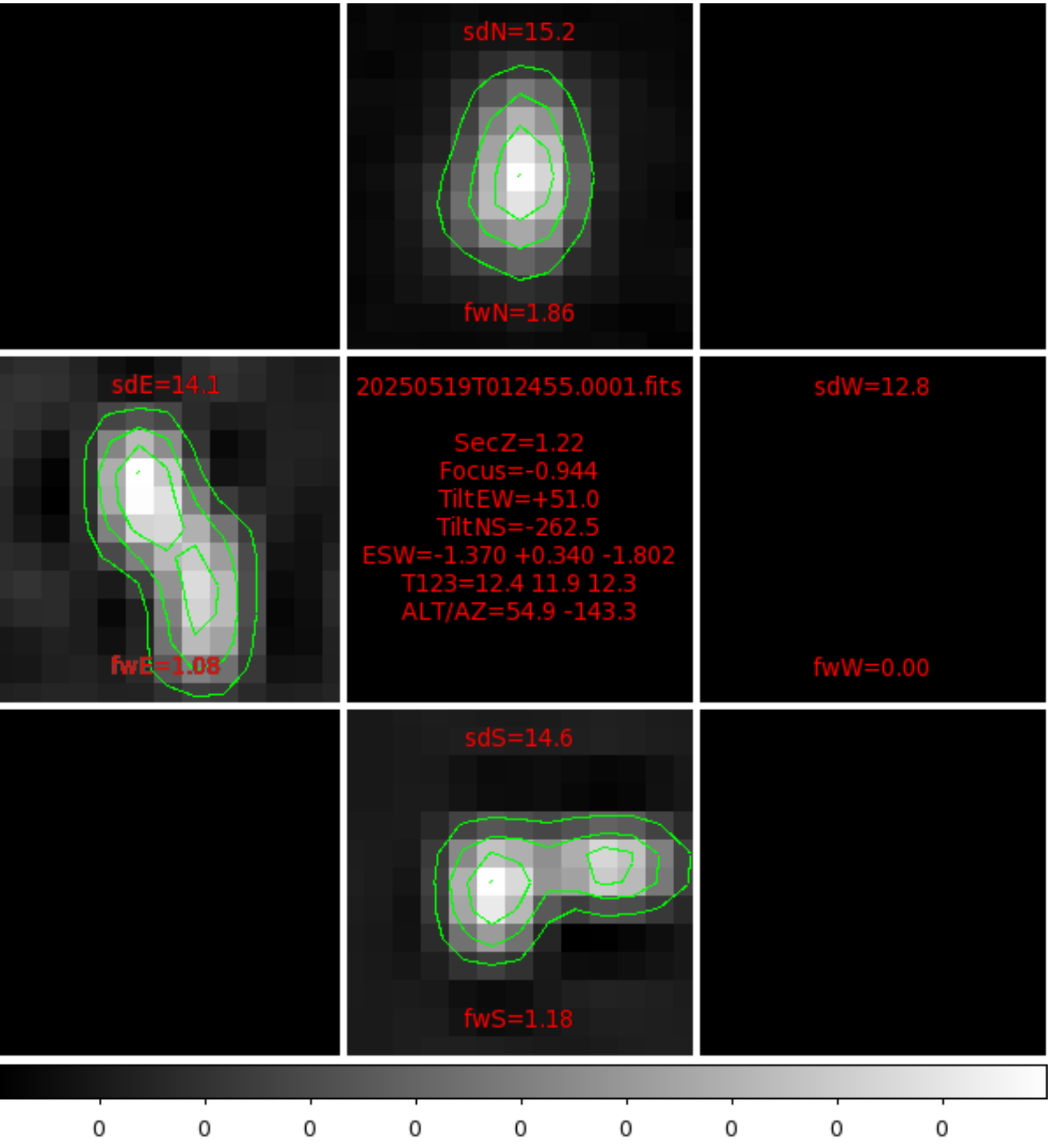

sdN=12.3
fwN=2.05
sdE=13.9
fwE=1.06
20250519T012016.0001.fits
SecZ=1.21
Focus=-0.944
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.370 +0.340 -1.802
T123=12.4 11.9 12.3
ALT/AZ=55.5 -145.0
sdW=11.2
fwW=1.94
sdS=11.9
fwS=0.00
0 0 0 0 0 0 0 0 0

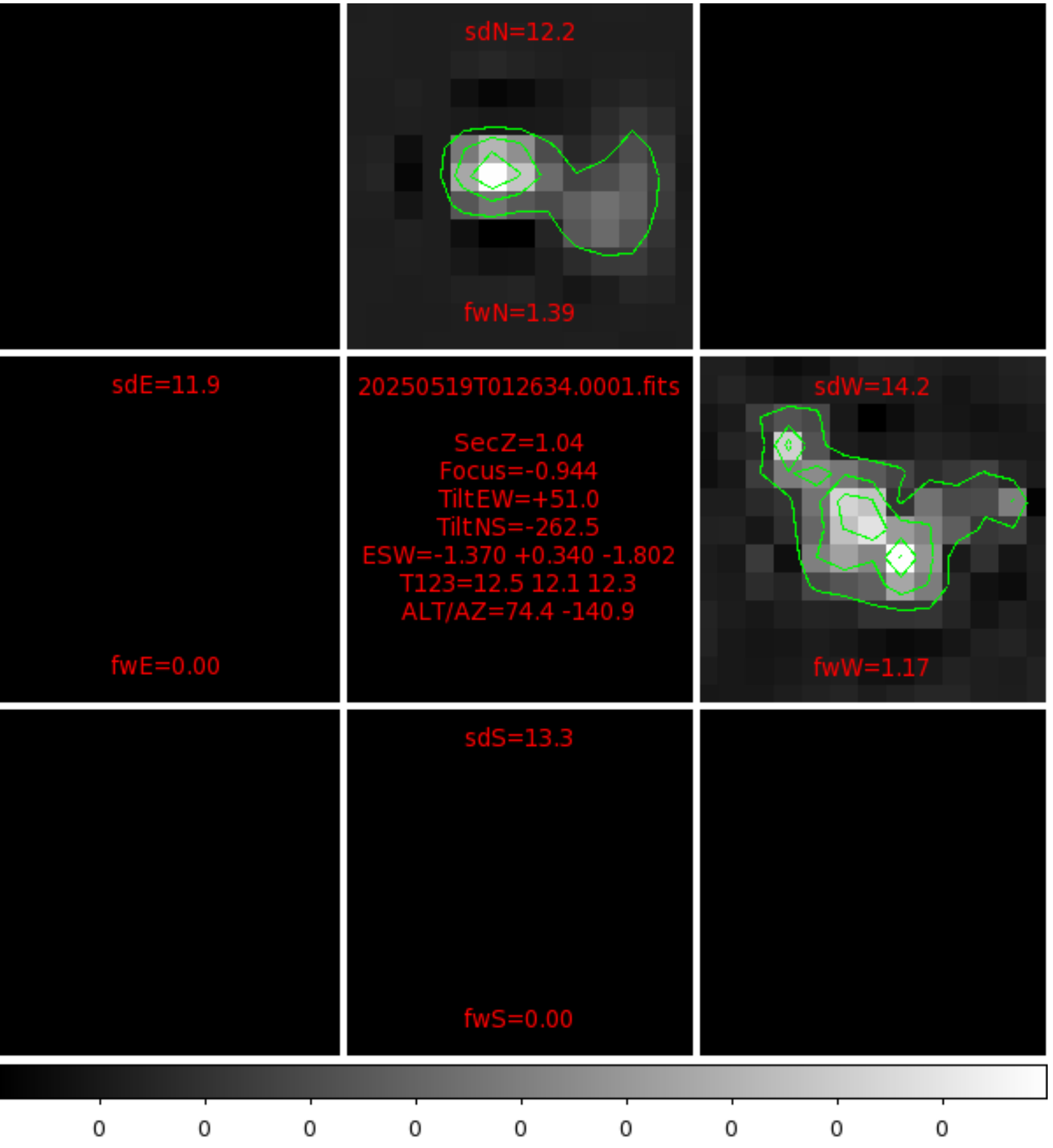

sdN=4.1
fwN=0.00
sdE=4.3
20250519T012044.0001.fits
SecZ=1.21
Focus=-0.944
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.370 +0.340 -1.802
T123=12.4 11.9 12.3
ALT/AZ=55.4 -144.8
sdW=4.8
fwE=0.00
fwW=0.00
sdS=4.4
fwS=0.00
0 0 0 0 0 0 0 0 0

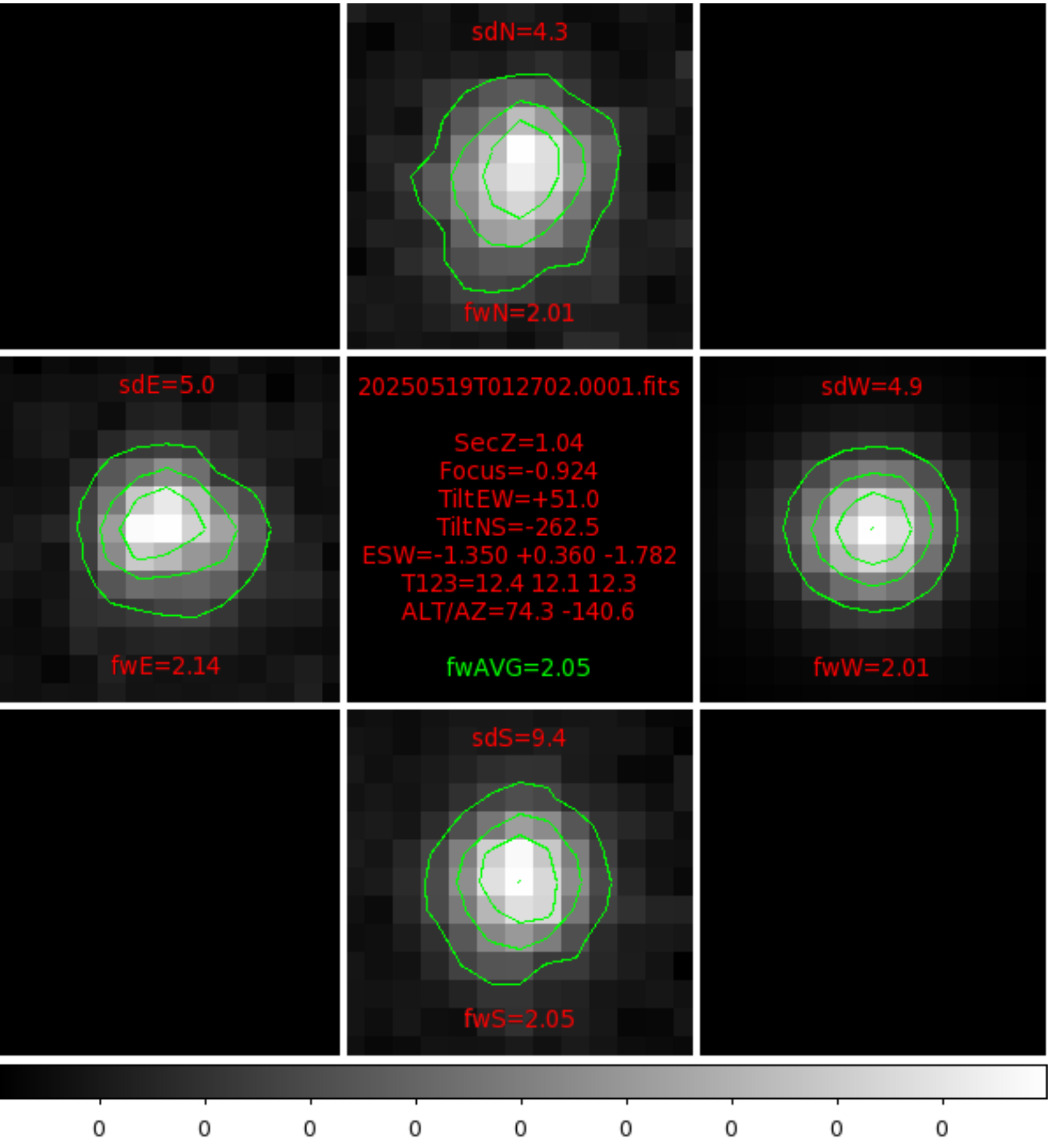

sdN=5.9
fwN=1.11
sdE=5.7
fwE=0.00
20250519T012230.0001.fits
SecZ=1.22
Focus=-0.944
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.370 +0.340 -1.802
T123=12.4 11.9 12.3
ALT/AZ=55.2 -144.2
sdW=6.7
fwW=1.19
sdS=7.8
fwS=1.11
0 0 0 0 0 0 0 0 0


sdN=6.4
fwN=2.44
sdE=6.1
fwE=0.00
20250519T012258.0001.fits
SecZ=1.22
Focus=-0.944
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.370 +0.340 -1.802
T123=12.4 11.9 12.3
ALT/AZ=55.1 -144.0
sdW=6.9
fwW=2.19
sdS=6.6
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=13.9
fwN=2.47
sdE=10.8
fwE=4.52
20250519T012427.0001.fits
SecZ=1.22
Focus=-0.944
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.370 +0.340 -1.802
T123=12.4 12.1 12.3
ALT/AZ=55.0 -143.4
fwAVG=2.78
sdW=39.1
fwW=2.00
sdS=10.0
fwS=2.13
0 0 0 0 0 0 0 0 0


sdN=15.2
fwN=1.86
sdE=14.1
fwE=1.08
20250519T012455.0001.fits
SecZ=1.22
Focus=-0.944
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.370 +0.340 -1.802
T123=12.4 11.9 12.3
ALT/AZ=54.9 -143.3
sdW=12.8
fwW=0.00
sdS=14.6
fwS=1.18
0 0 0 0 0 0 0 0 0


sdN=12.2
fwN=1.39
sdE=11.9
fwE=0.00
20250519T012634.0001.fits
SecZ=1.04
Focus=-0.944
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.370 +0.340 -1.802
T123=12.5 12.1 12.3
ALT/AZ=74.4 -140.9
sdW=14.2
fwW=1.17
sdS=13.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=4.3
fwN=2.01
sdE=5.0
fwE=2.14
20250519T012702.0001.fits
SecZ=1.04
Focus=-0.924
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.350 +0.360 -1.782
T123=12.4 12.1 12.3
ALT/AZ=74.3 -140.6
fwAVG=2.05
sdW=4.9
fwW=2.01
sdS=9.4
fwS=2.05
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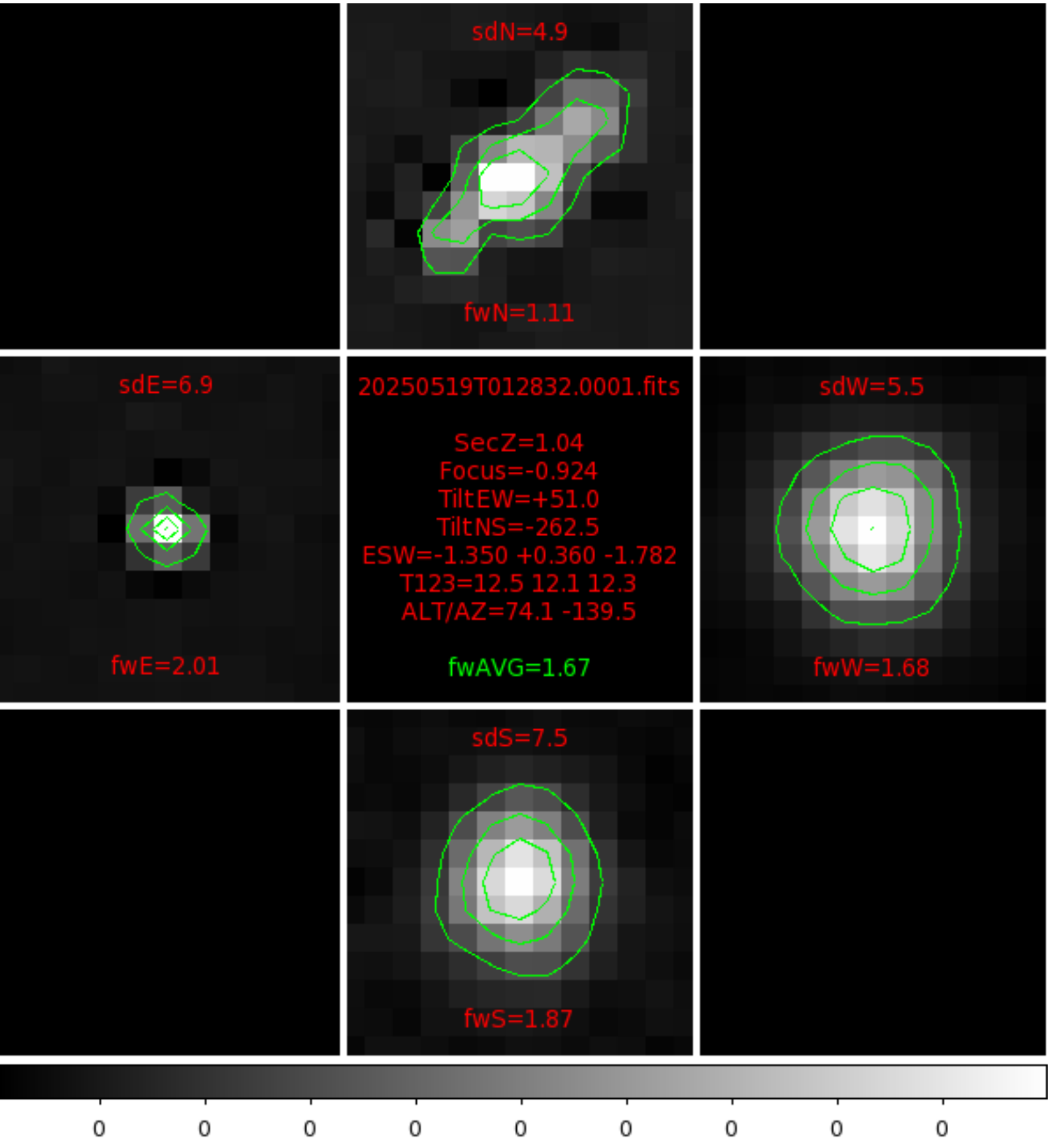
sdN=4.9
fwN=1.11
sdE=6.9
fwE=2.01
20250519T012832.0001.fits
SecZ=1.04
Focus=-0.924
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.350 +0.360 -1.782
T123=12.5 12.1 12.3
ALT/AZ=74.1 -139.5
fwAVG=1.67
sdW=5.5
fwW=1.68
sdS=7.5
fwS=1.87
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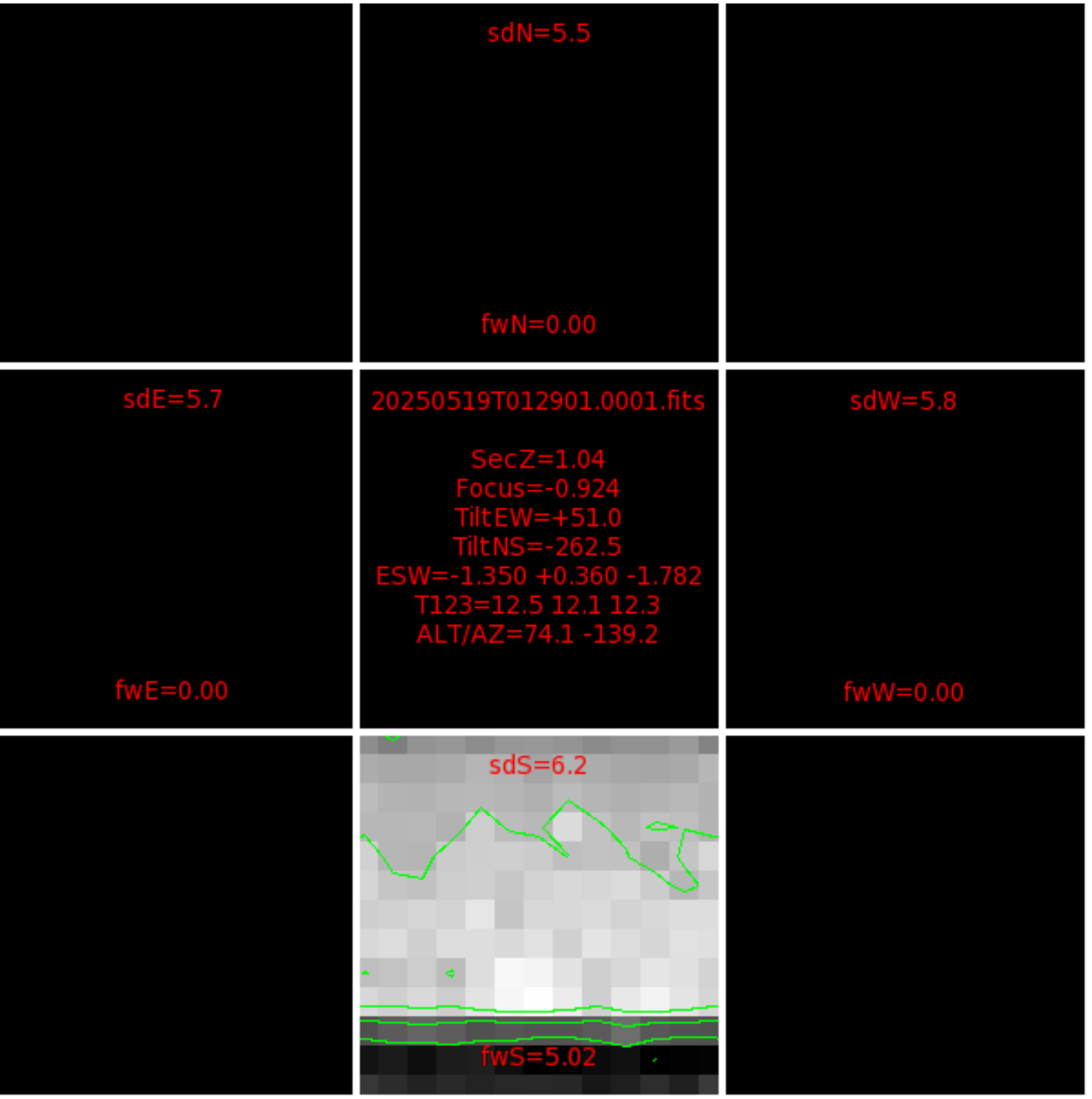
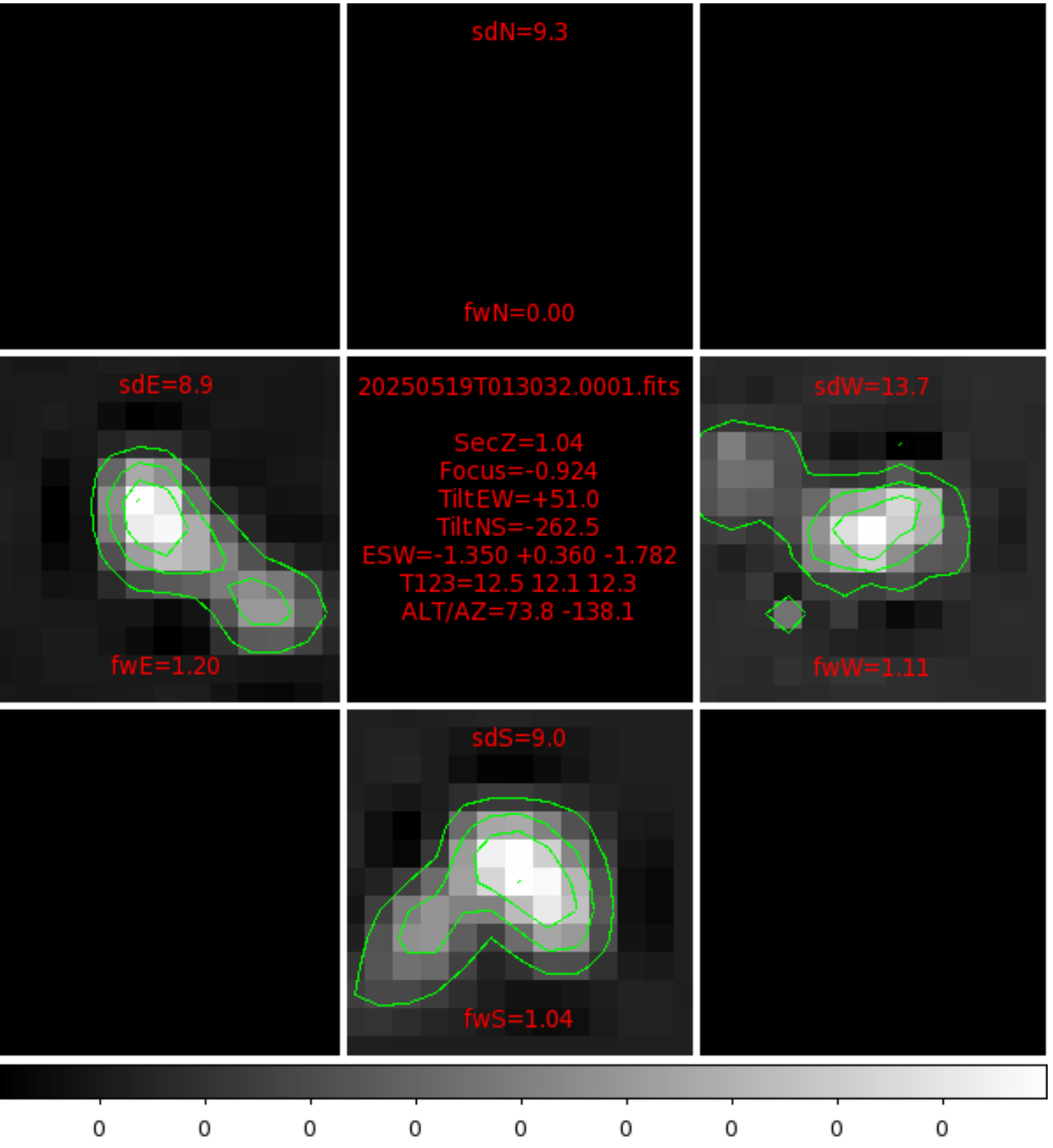
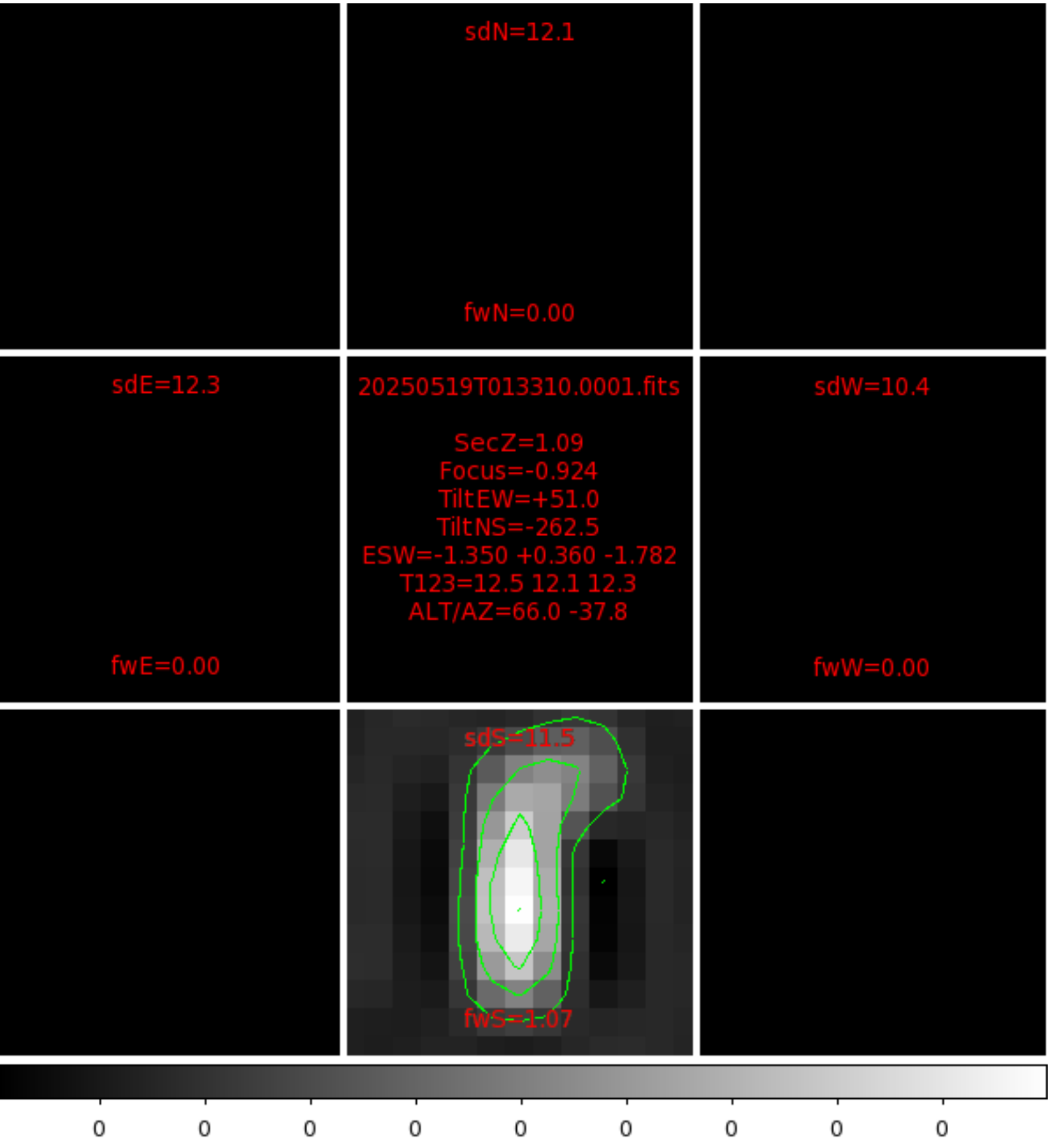
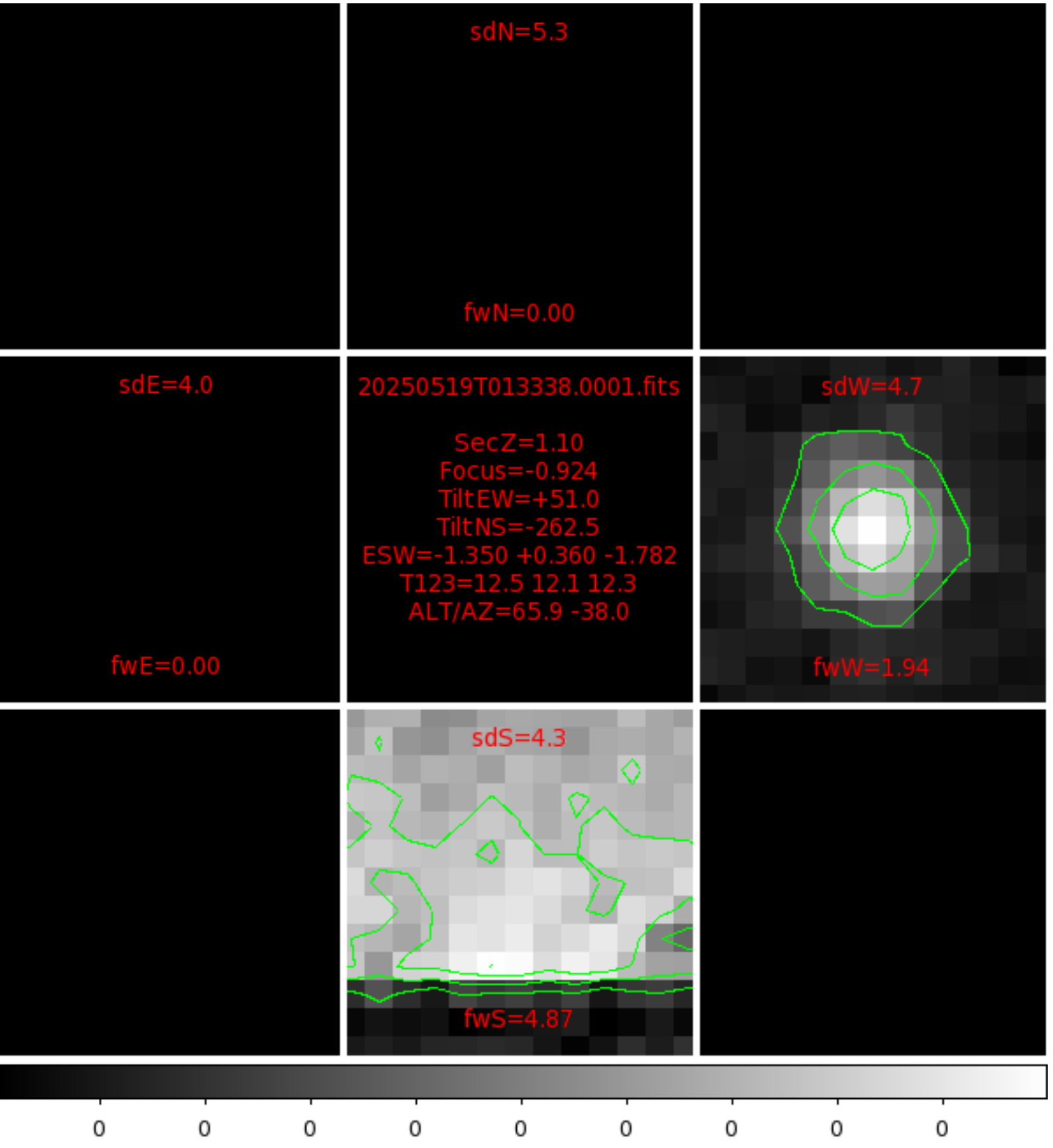

sdN=5.5
fwN=0.00
sdE=5.7
20250519T012901.0001.fits
SecZ=1.04
Focus=-0.924
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.350 +0.360 -1.782
T123=12.5 12.1 12.3
ALT/AZ=74.1 -139.2
sdW=5.8
fwE=0.00
fwW=0.00
sdS=6.2
fwS=5.02
0 0 0 0 0 0 0 0 0


sdN=9.3
fwN=0.00
sdE=8.9
fwE=1.20
20250519T013032.0001.fits
SecZ=1.04
Focus=-0.924
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.350 +0.360 -1.782
T123=12.5 12.1 12.3
ALT/AZ=73.8 -138.1
sdW=13.7
fwW=1.11
sdS=9.0
fwS=1.04
0 0 0 0 0 0 0 0 0

sdN=11.2
fwN=0.00
sdE=10.5
fwE=4.86
20250519T013059.0001.fits
SecZ=1.04
Focus=-0.924
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.350 +0.360 -1.782
T123=12.5 12.1 12.3
ALT/AZ=73.8 -137.8
sdW=10.5
fwW=0.00
sdS=11.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=12.1
fwN=0.00
sdE=12.3
20250519T013310.0001.fits
SecZ=1.09
Focus=-0.924
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.350 +0.360 -1.782
T123=12.5 12.1 12.3
ALT/AZ=66.0 -37.8
sdW=10.4
fwE=0.00
fwW=0.00
sdS=11.5
fwS=-1.07
0 0 0 0 0 0 0 0 0


sdN=5.3
fwN=0.00
sdE=4.0
fwE=0.00
20250519T013338.0001.fits
SecZ=1.10
Focus=-0.924
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.350 +0.360 -1.782
T123=12.5 12.1 12.3
ALT/AZ=65.9 -38.0
sdW=4.7
fwW=1.94
sdS=4.3
fwS=4.87
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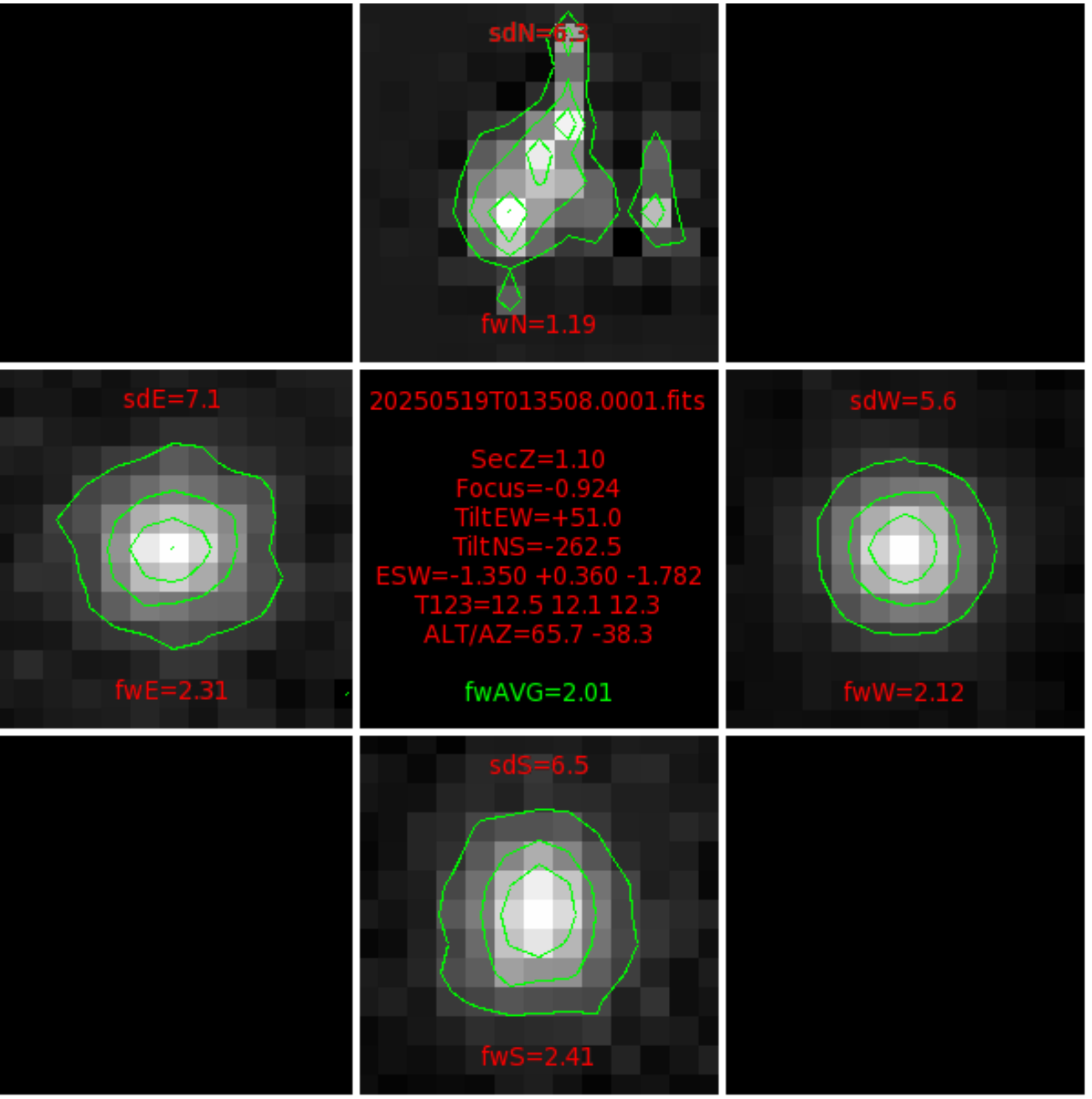
sdN=6.3
fwN=1.19
sdE=7.1
fwE=2.31
20250519T013508.0001.fits
SecZ=1.10
Focus=-0.924
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.350 +0.360 -1.782
T123=12.5 12.1 12.3
ALT/AZ=65.7 -38.3
fwAVG=2.01
sdW=5.6
fwW=2.12
sdS=6.5
fwS=2.41
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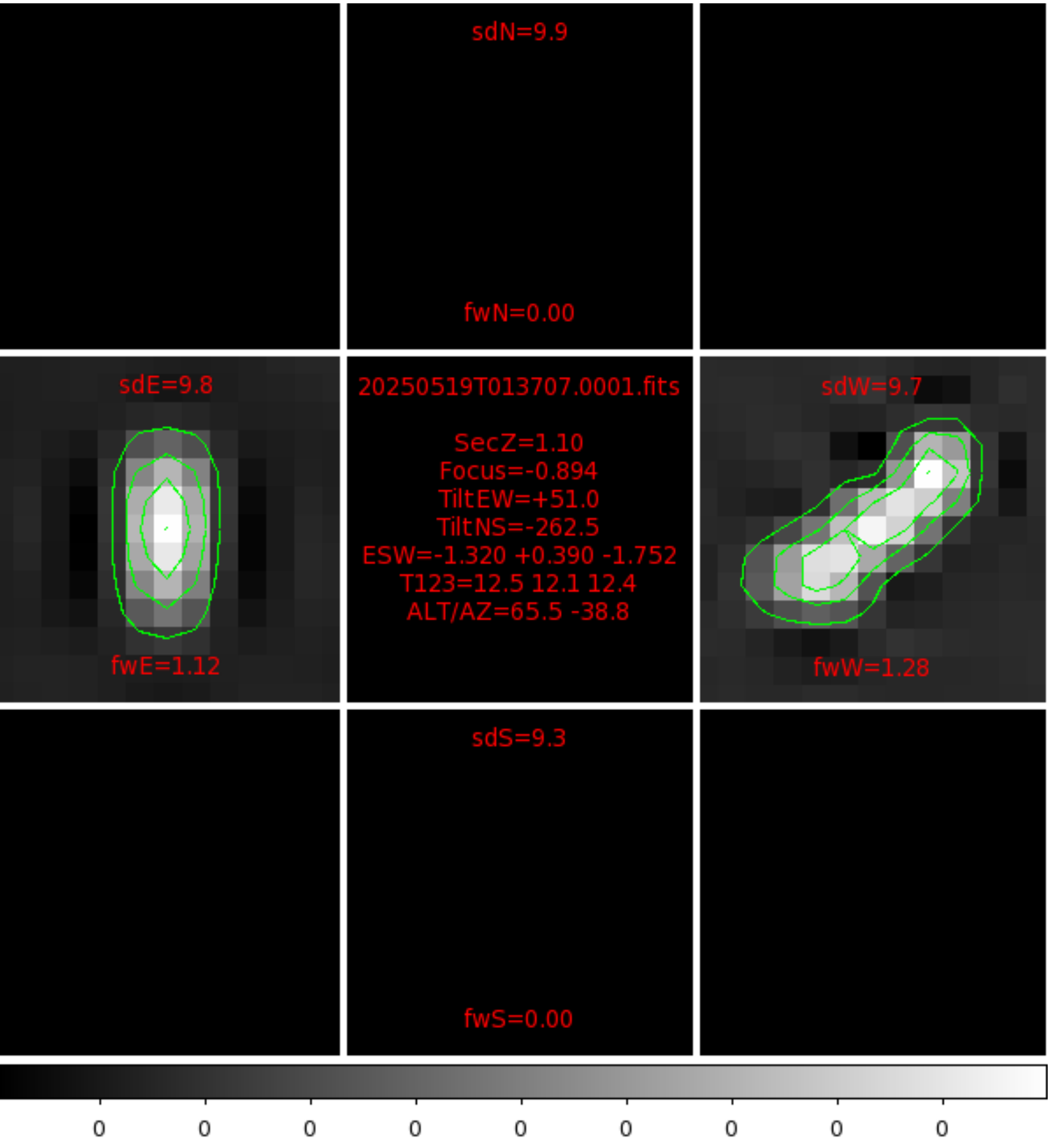
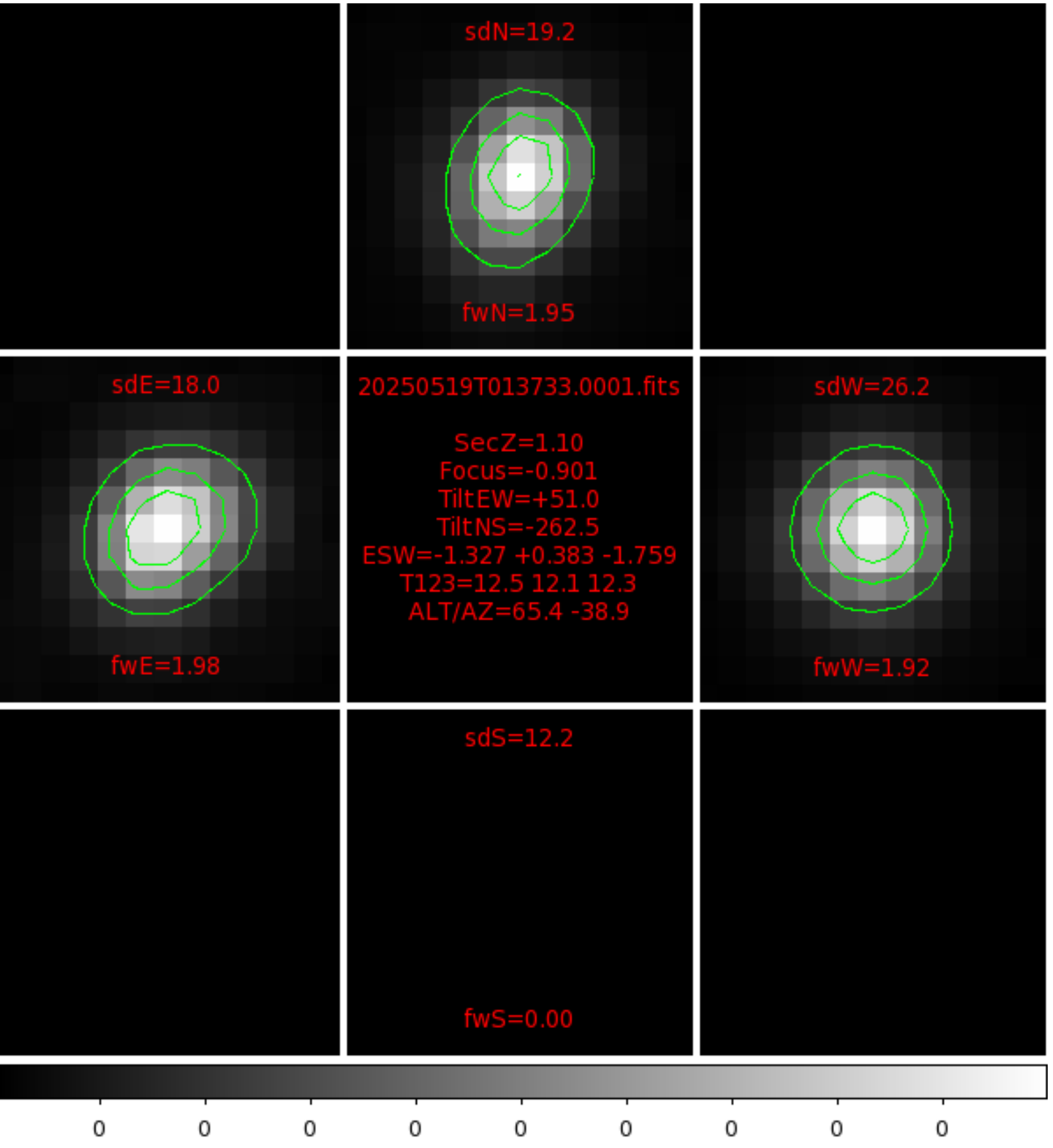
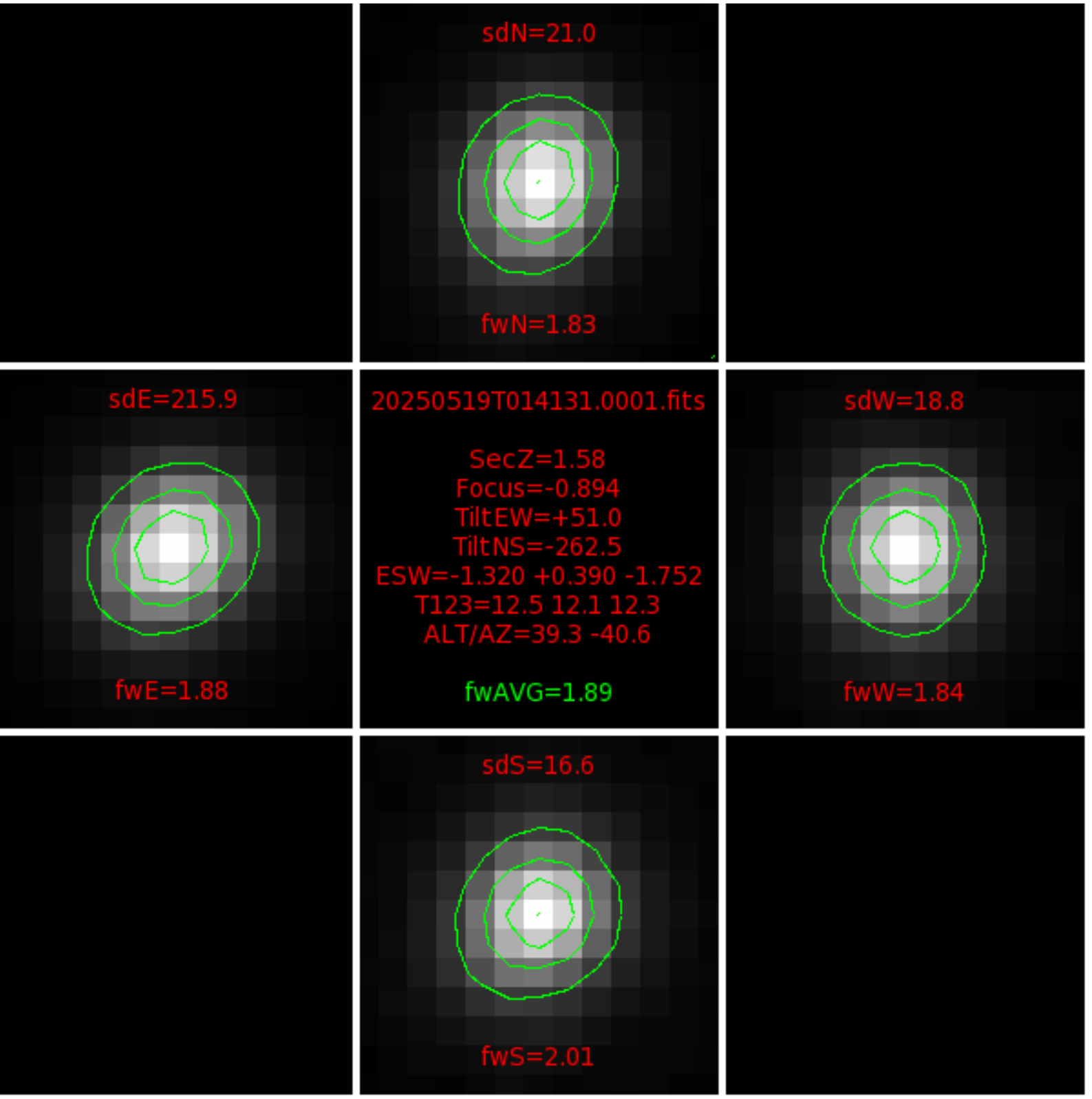
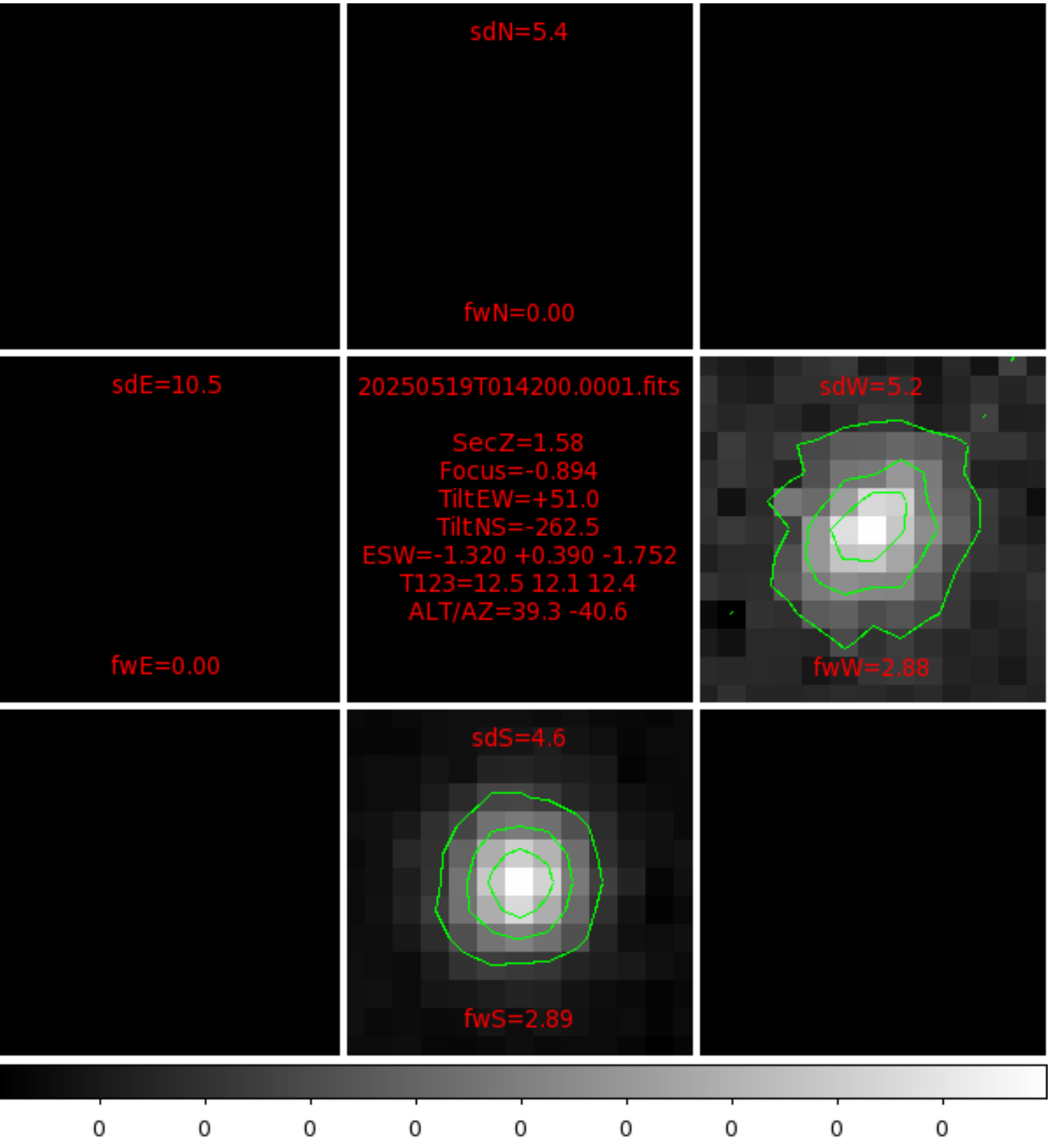
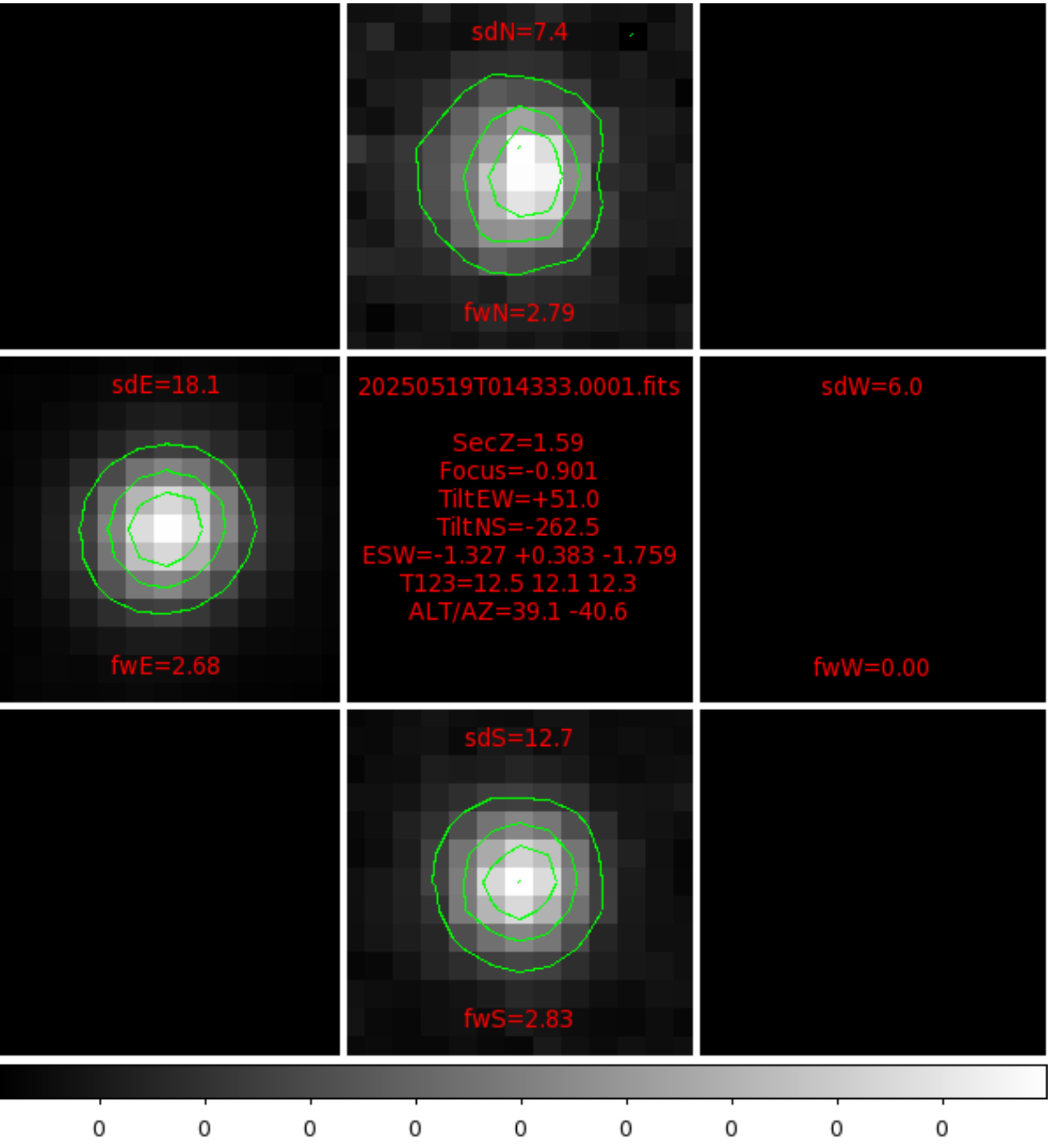
sdN=5.2
fwN=0.00
sdE=5.8
20250519T013537.0001.fits
SecZ=1.10
Focus=-0.894
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.320 +0.390 -1.752
T123=12.5 12.1 12.3
ALT/AZ=65.7 -38.5
sdW=6.6
fwE=0.00
fwW=0.00
sdS=5.6
fwS=4.69
0 0 0 0 0 0 0 0 0

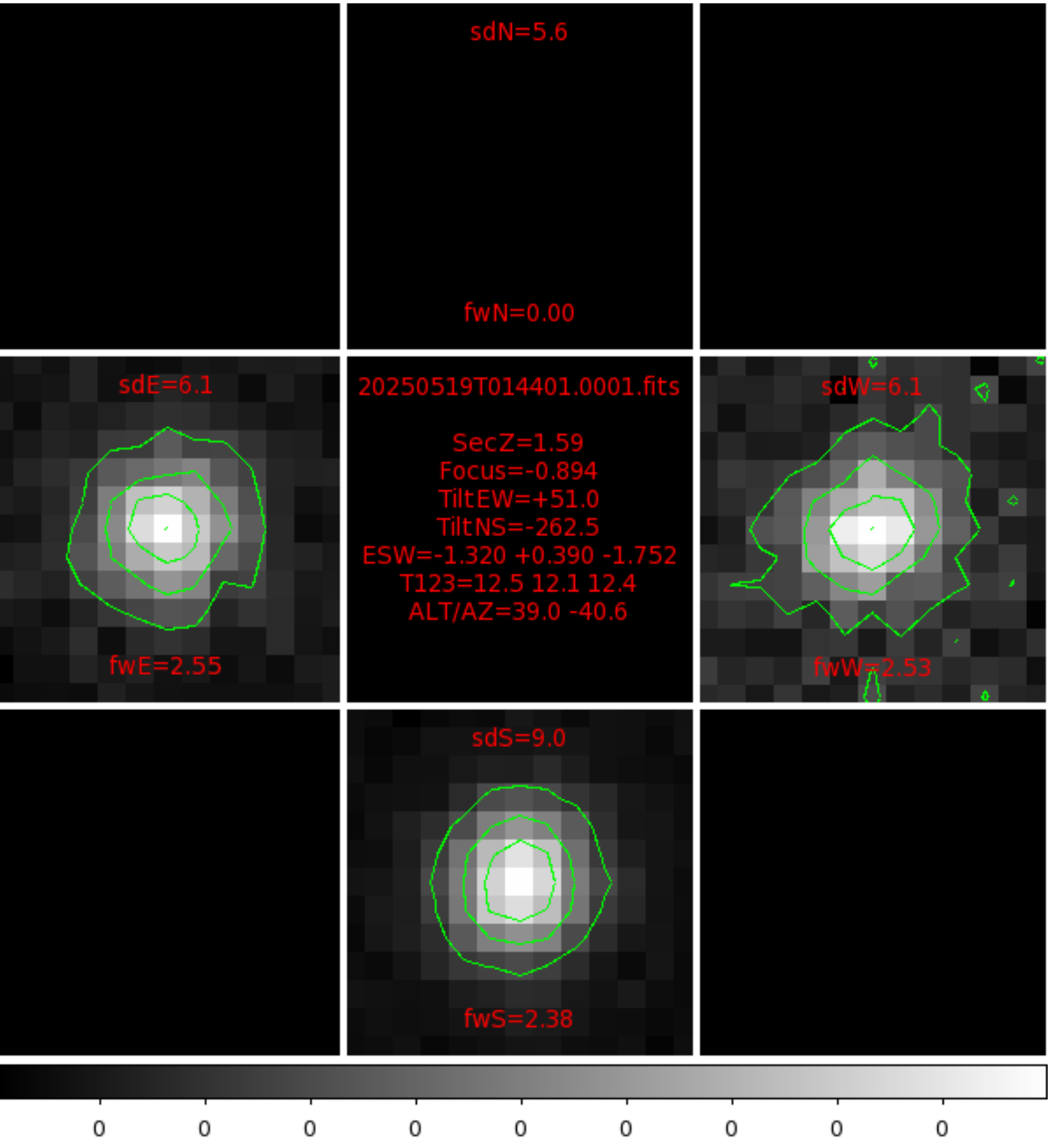

sdN=9.9
fwN=0.00
sdE=9.8
fwE=1.12
20250519T013707.0001.fits
SecZ=1.10
Focus=-0.894
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.320 +0.390 -1.752
T123=12.5 12.1 12.4
ALT/AZ=65.5 -38.8
sdW=9.7
fwW=1.28
sdS=9.3
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=19.2
fwN=1.95
sdE=18.0
fwE=1.98
20250519T013733.0001.fits
SecZ=1.10
Focus=-0.901
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.327 +0.383 -1.759
T123=12.5 12.1 12.3
ALT/AZ=65.4 -38.9
sdW=26.2
fwW=1.92
sdS=12.2
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=21.0
fwN=1.83
sdE=215.9
fwE=1.88
20250519T014131.0001.fits
SecZ=1.58
Focus=-0.894
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.320 +0.390 -1.752
T123=12.5 12.1 12.3
ALT/AZ=39.3 -40.6
fwAVG=1.89
sdW=18.8
fwW=1.84
sdS=16.6
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=5.4
fwN=0.00
sdE=10.5
fwE=0.00
20250519T014200.0001.fits
SecZ=1.58
Focus=-0.894
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.320 +0.390 -1.752
T123=12.5 12.1 12.4
ALT/AZ=39.3 -40.6
sdW=5.2
fwW=2.88
sdS=4.6
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=7.4
fwN=2.79
sdE=18.1
fwE=2.68
20250519T014333.0001.fits
SecZ=1.59
Focus=-0.901
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.327 +0.383 -1.759
T123=12.5 12.1 12.3
ALT/AZ=39.1 -40.6
sdW=6.0
fwW=0.00
sdS=12.7
fwS=2.83
0 0 0 0 0 0 0 0 0


sdN=5.6
fwN=0.00
sdE=6.1
fwE=2.55
20250519T014401.0001.fits
SecZ=1.59
Focus=-0.894
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.320 +0.390 -1.752
T123=12.5 12.1 12.4
ALT/AZ=39.0 -40.6
sdW=6.1
fwW=2.53
sdS=9.0
fwS=2.38
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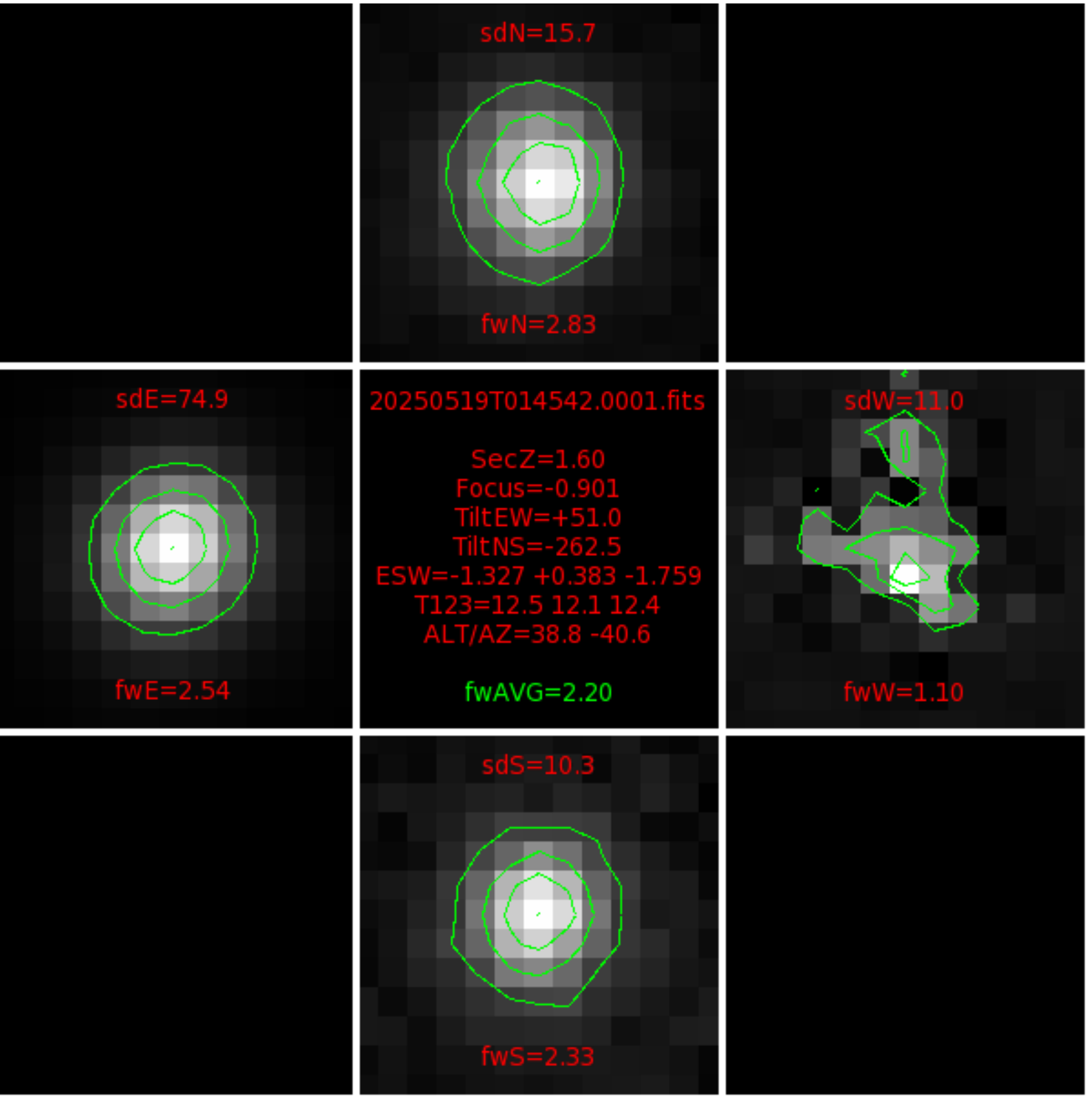
sdN=15.7
fwN=2.83
sdE=74.9
fwE=2.54
20250519T014542.0001.fits
SecZ=1.60
Focus=-0.901
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.327 +0.383 -1.759
T123=12.5 12.1 12.4
ALT/AZ=38.8 -40.6
fwAVG=2.20
sdW=11.0
fwW=1.10
sdS=10.3
fwS=2.33
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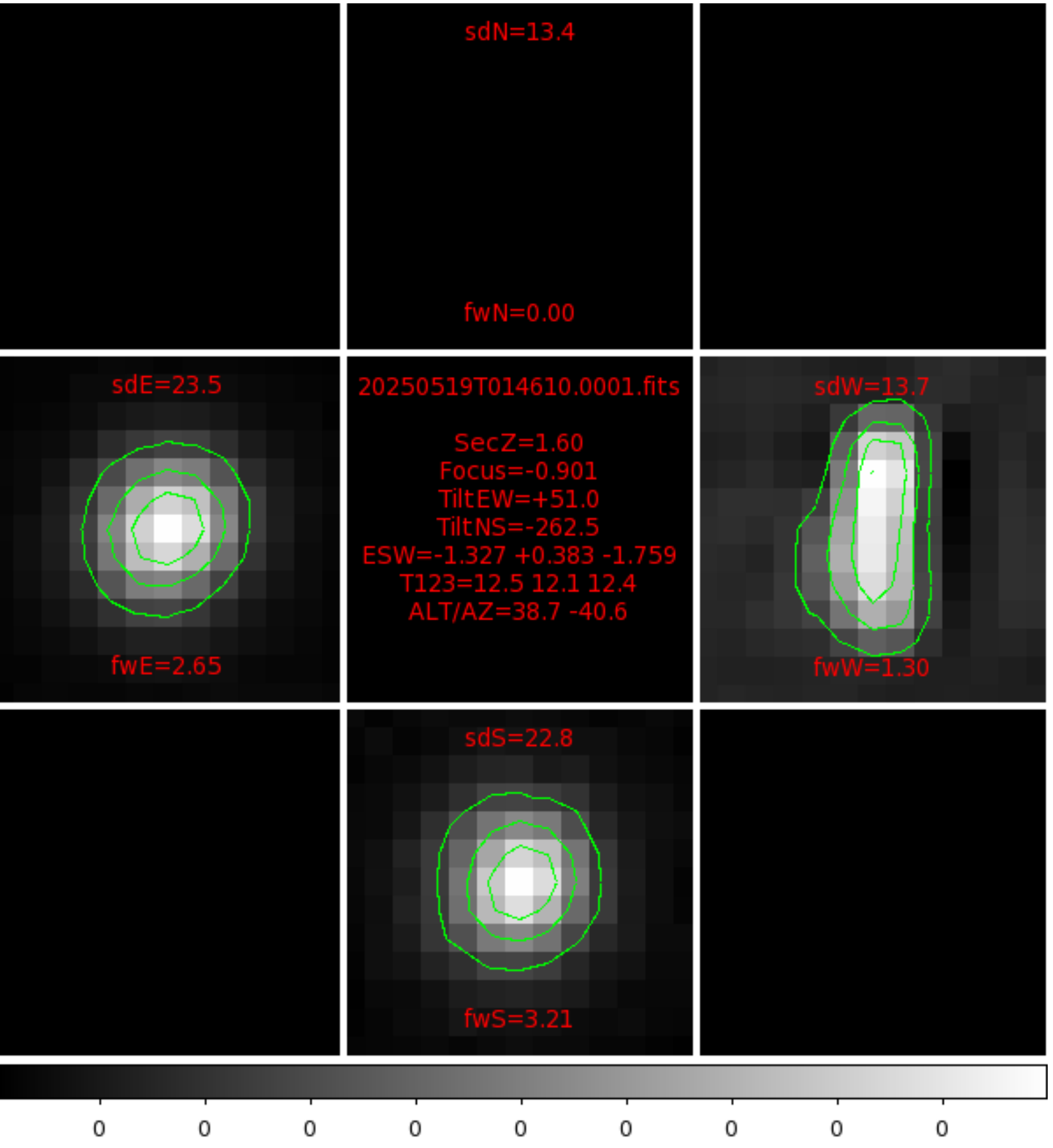
sdN=13.4
fwN=0.00
sdE=23.5
fwE=2.65
20250519T014610.0001.fits
SecZ=1.60
Focus=-0.901
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.327 +0.383 -1.759
T123=12.5 12.1 12.4
ALT/AZ=38.7 -40.6
sdW=13.7
fwW=1.30
sdS=22.8
fwS=3.21
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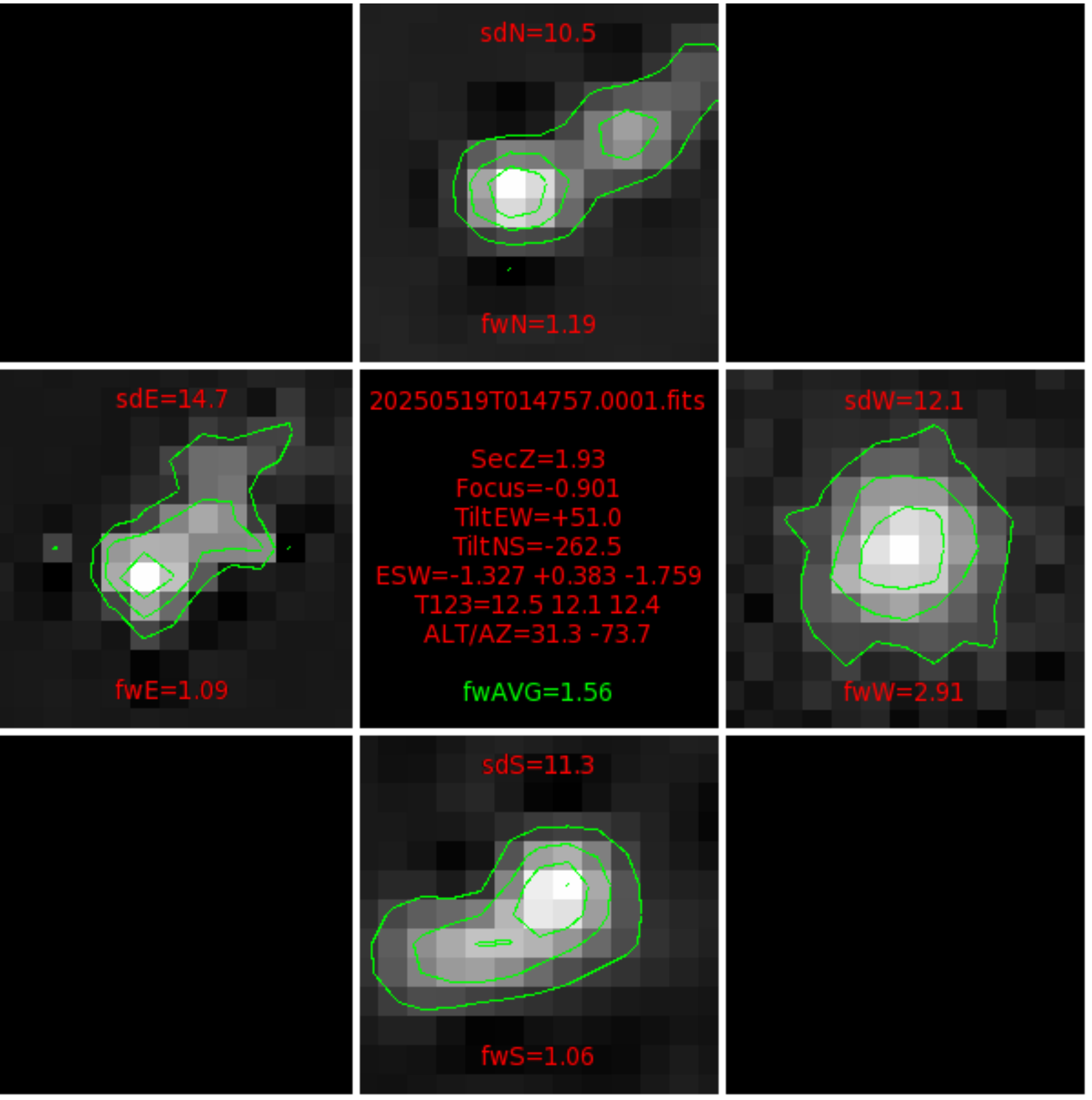
sdN=10.5
fwN=1.19
sdE=14.7
fwE=1.09
20250519T014757.0001.fits
SecZ=1.93
Focus=-0.901
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.327 +0.383 -1.759
T123=12.5 12.1 12.4
ALT/AZ=31.3 -73.7
fwAVG=1.56
sdW=12.1
fwW=2.91
sdS=11.3
fwS=1.06
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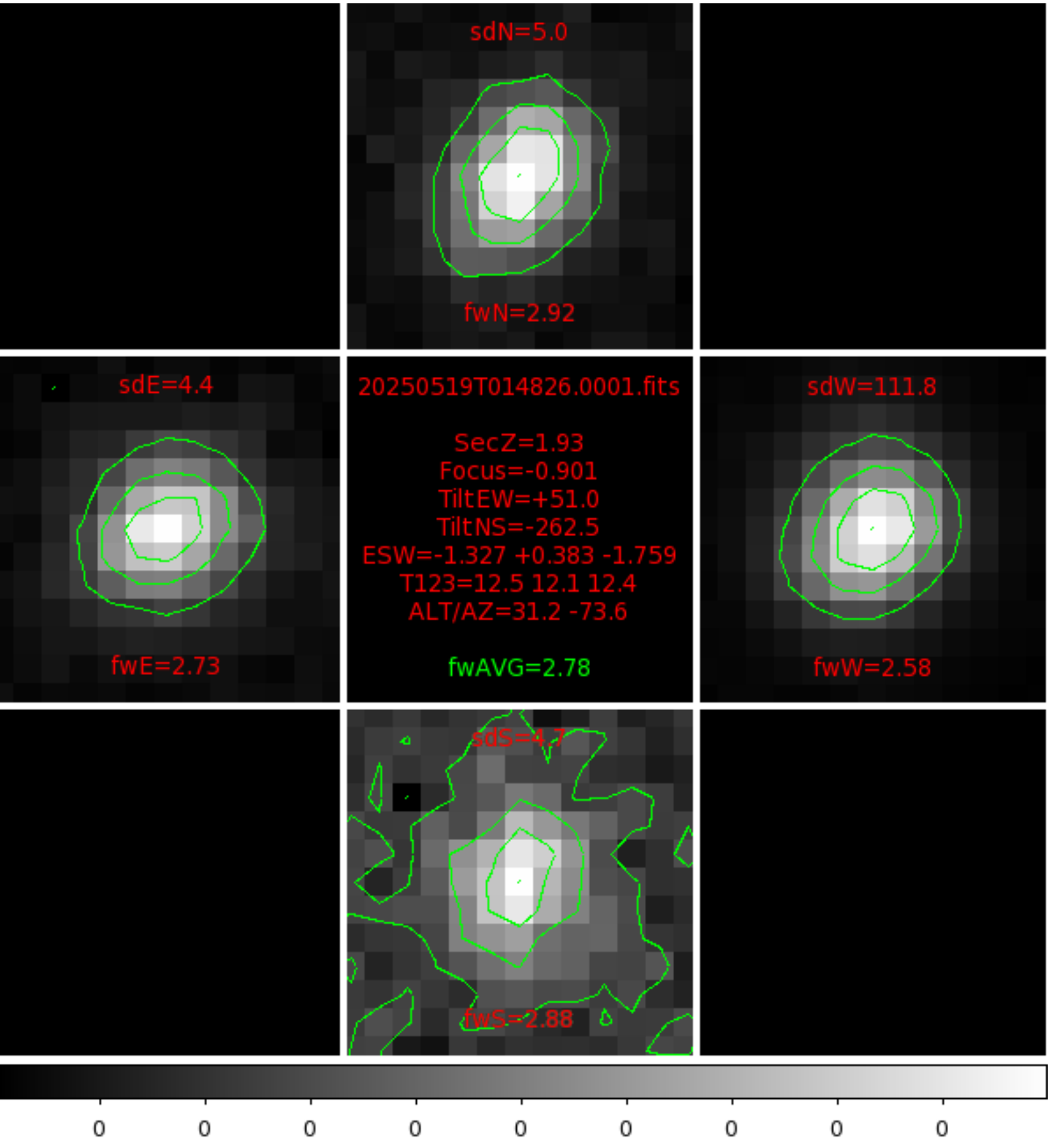
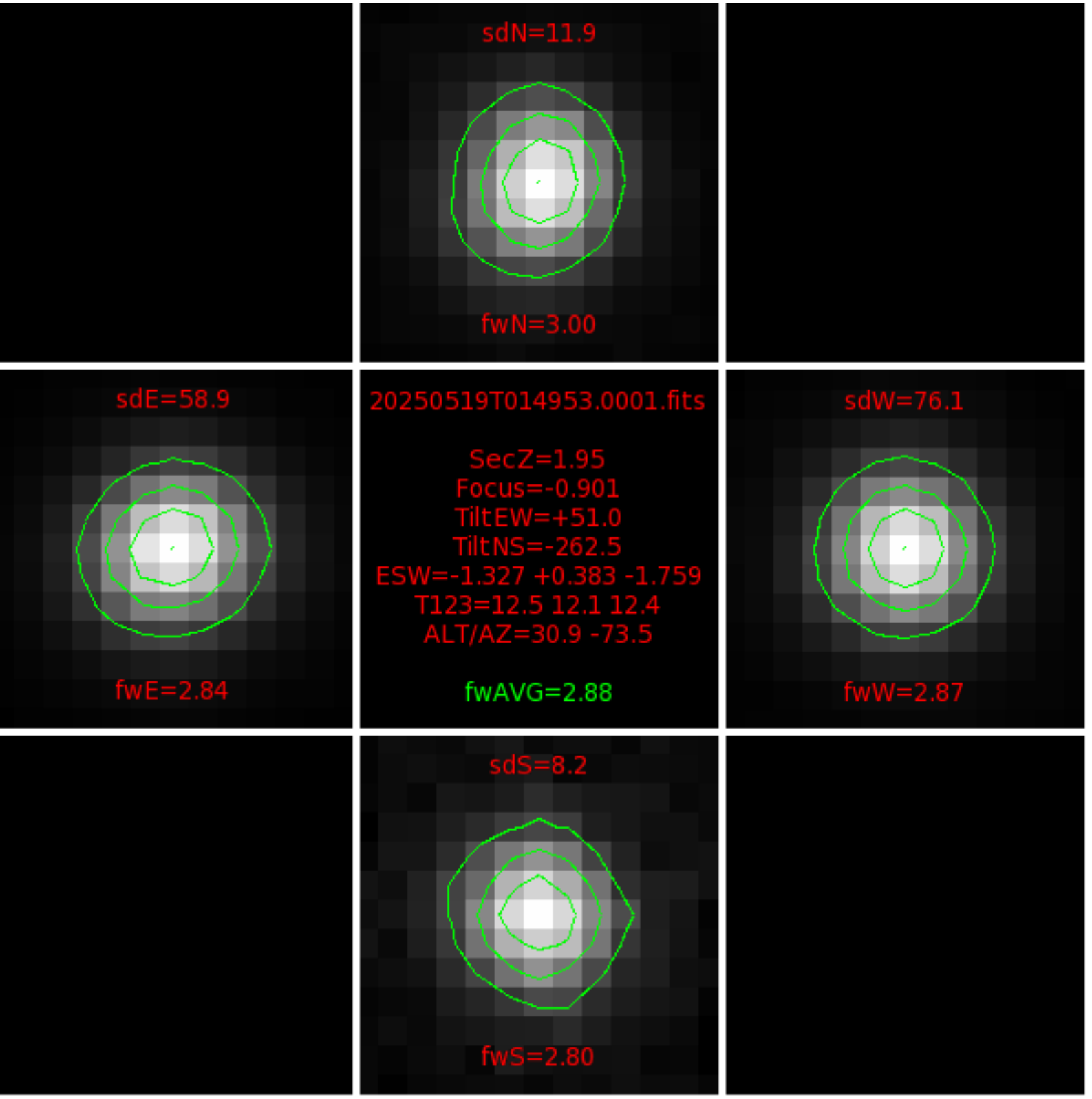
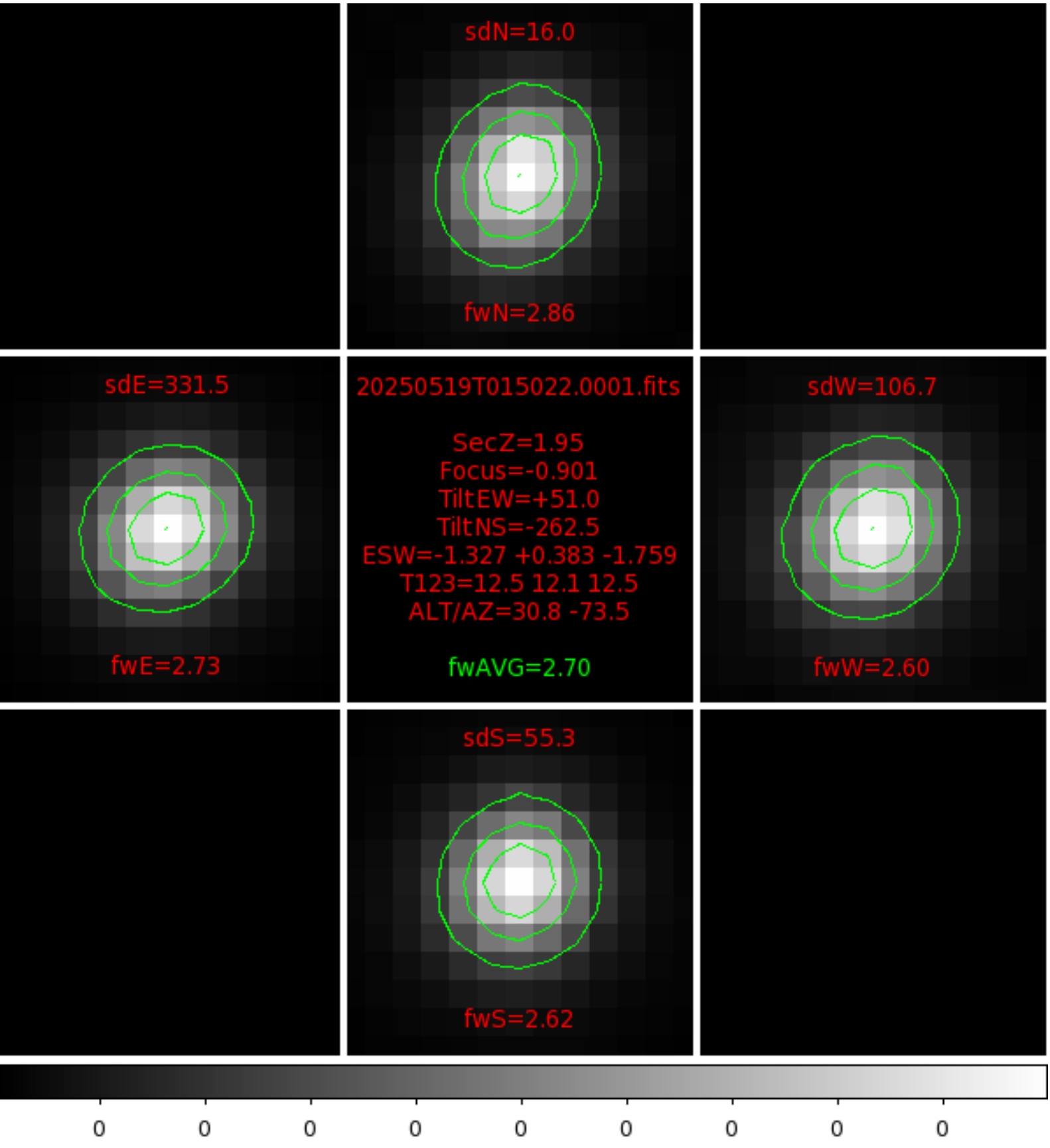
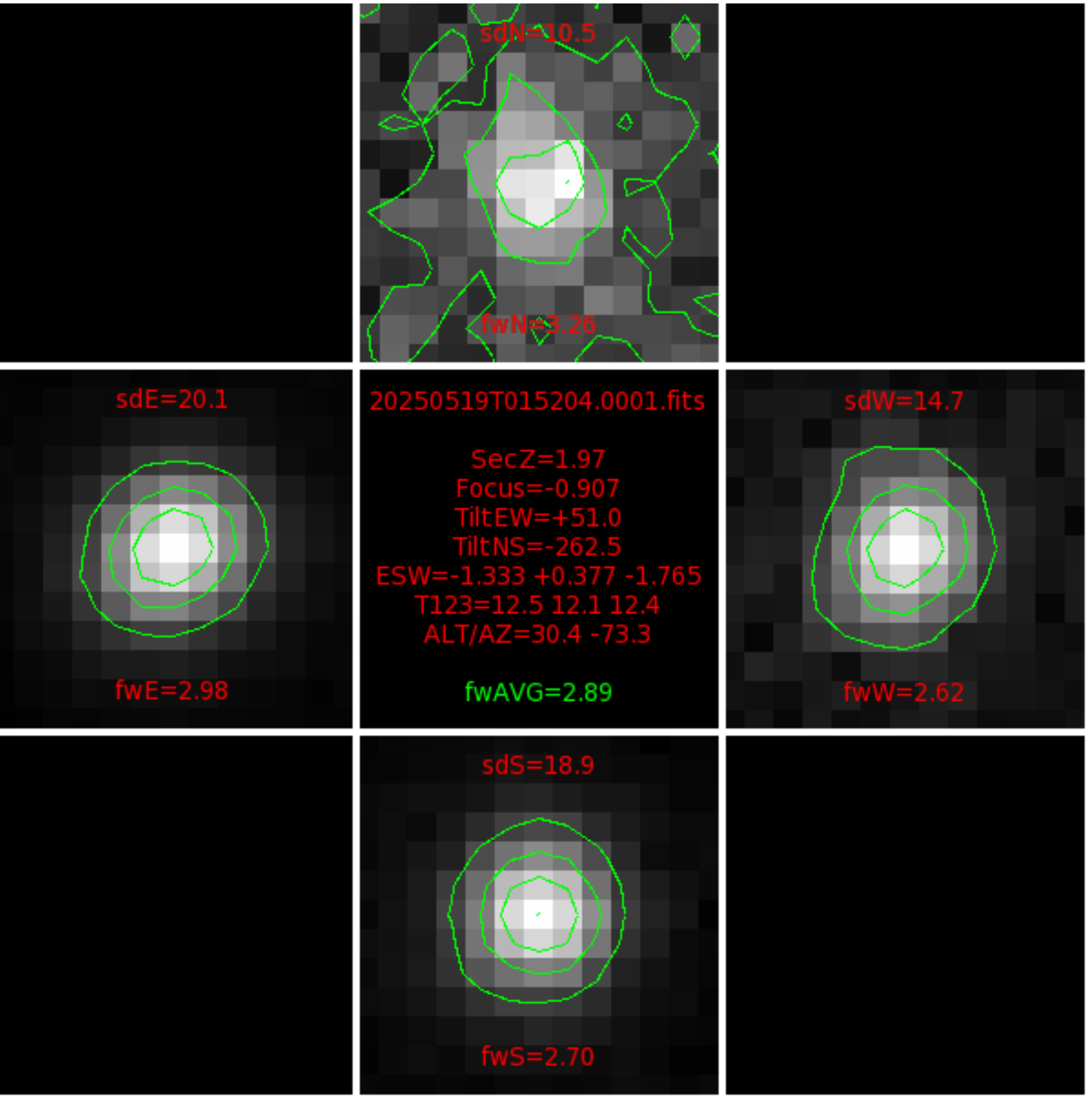

sdN=5.0
fwN=2.92
sdE=4.4
fwE=2.73
20250519T014826.0001.fits
SecZ=1.93
Focus=-0.901
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.327 +0.383 -1.759
T123=12.5 12.1 12.4
ALT/AZ=31.2 -73.6
fwAVG=2.78
sdW=111.8
fwW=2.58
sdS=4.7
fwS=2.88
0 0 0 0 0 0 0 0 0


sdN=11.9
fwN=3.00
sdE=58.9
fwE=2.84
20250519T014953.0001.fits
SecZ=1.95
Focus=-0.901
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.327 +0.383 -1.759
T123=12.5 12.1 12.4
ALT/AZ=30.9 -73.5
fwAVG=2.88
sdW=76.1
fwW=2.87
sdS=8.2
fwS=2.80
0 0 0 0 0 0 0 0 0


sdN=16.0
fwN=2.86
sdE=331.5
fwE=2.73
20250519T015022.0001.fits
SecZ=1.95
Focus=-0.901
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.327 +0.383 -1.759
T123=12.5 12.1 12.5
ALT/AZ=30.8 -73.5
fwAVG=2.70
sdW=106.7
fwW=2.60
sdS=55.3
fwS=2.62
0 0 0 0 0 0 0 0 0


sdN=10.5
fwN=3.26
sdE=20.1
fwE=2.98
20250519T015204.0001.fits
SecZ=1.97
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.5 12.1 12.4
ALT/AZ=30.4 -73.3
fwAVG=2.89
sdW=14.7
fwW=2.62
sdS=18.9
fwS=2.70
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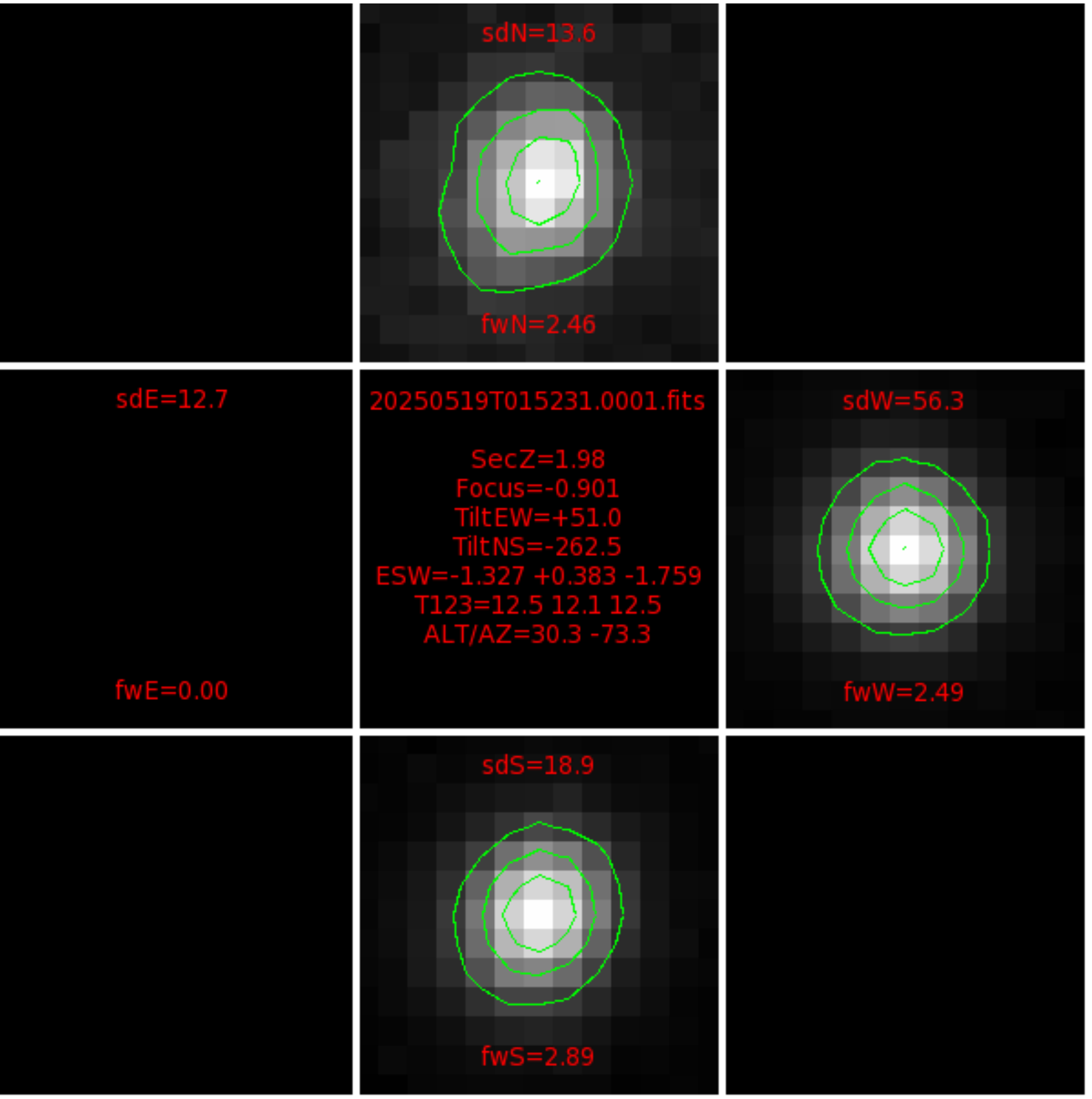
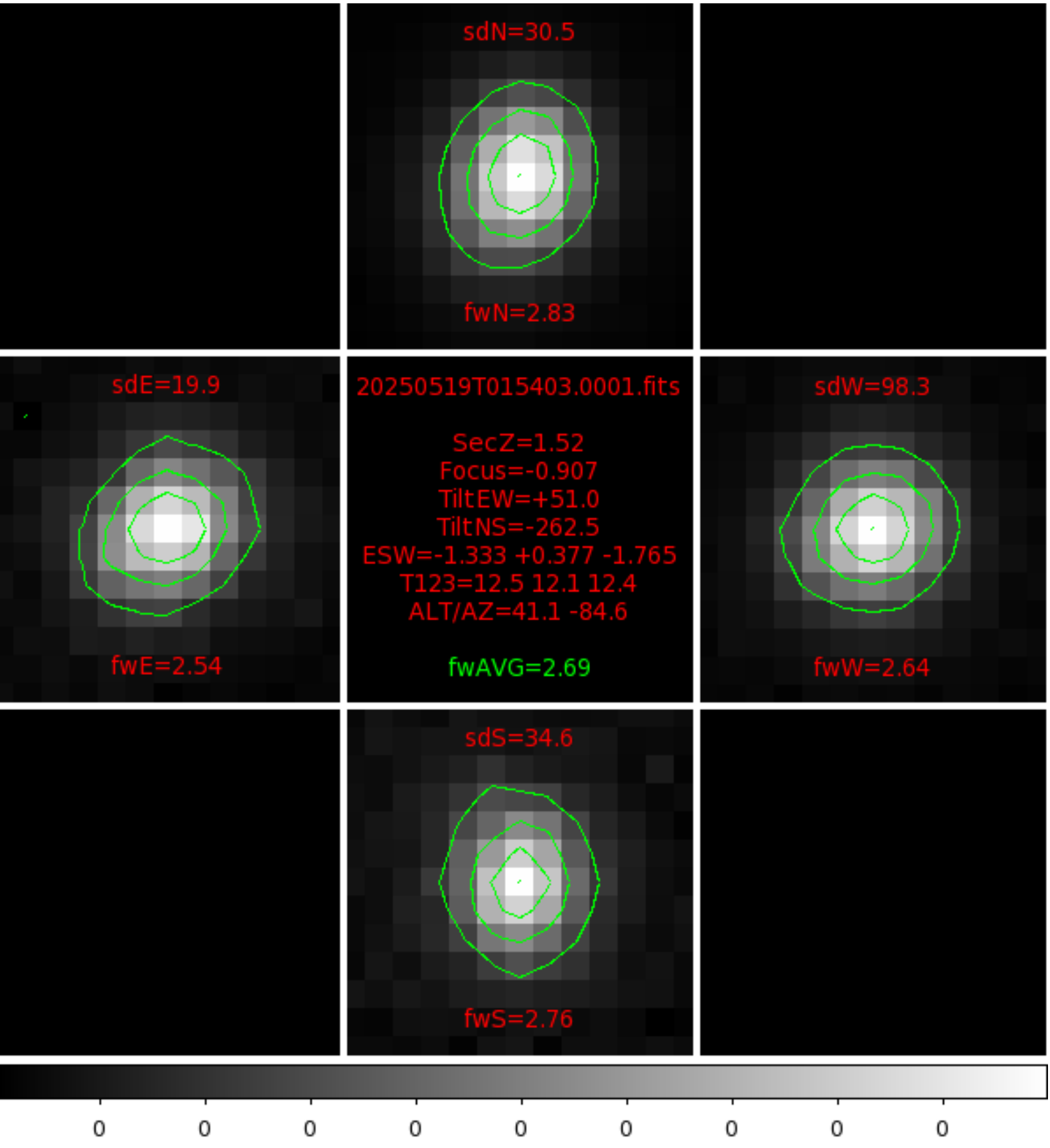
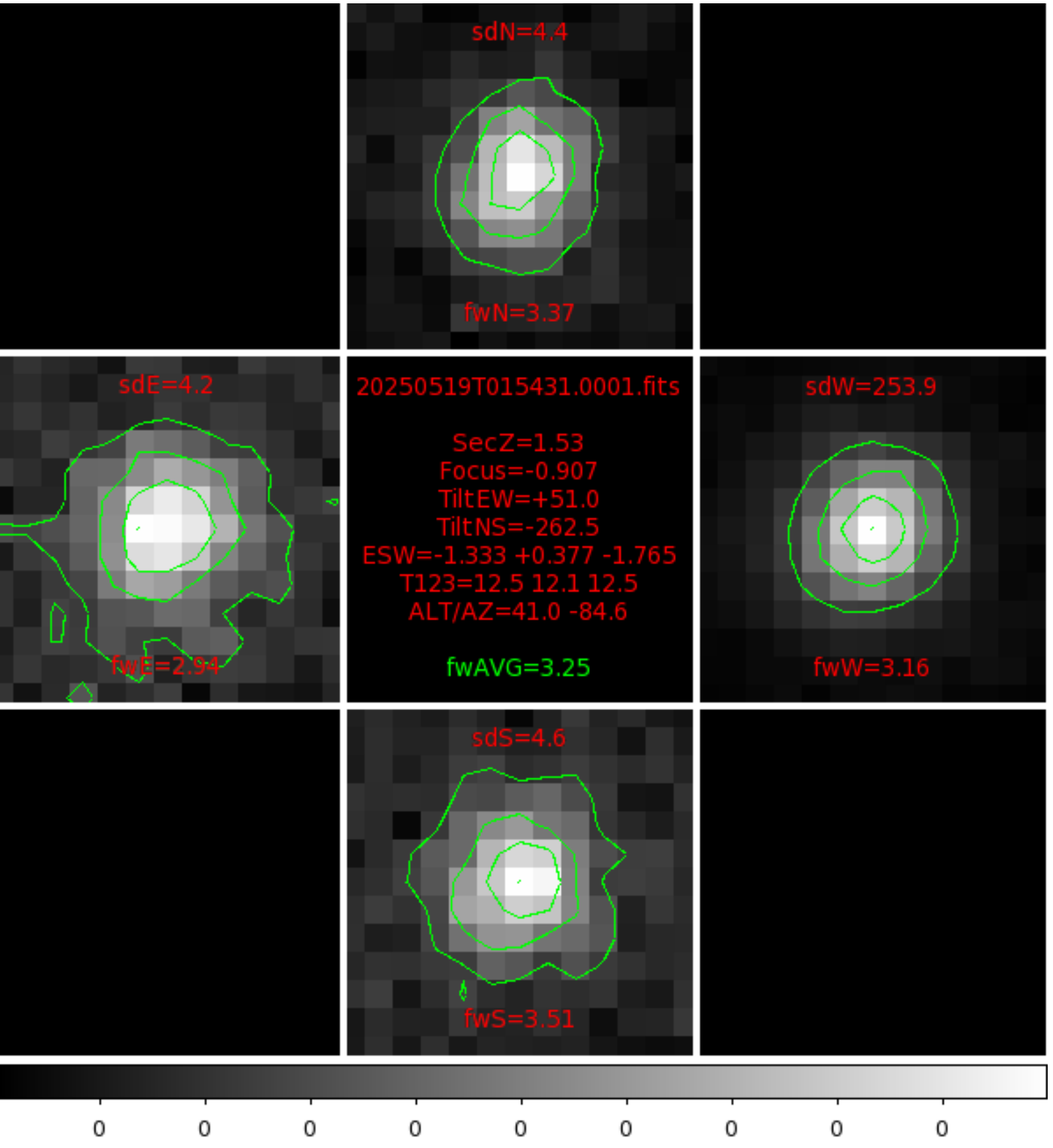
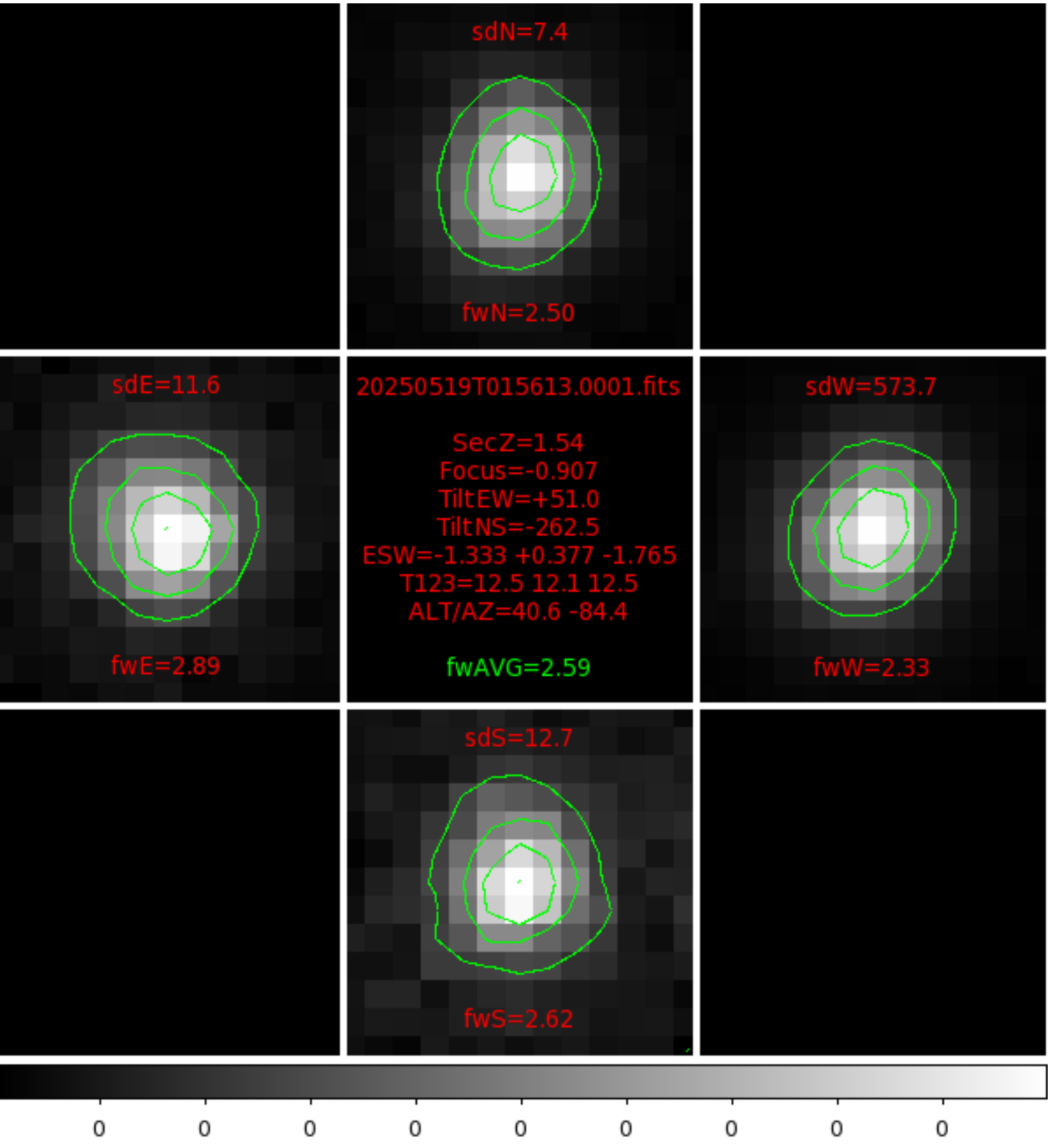
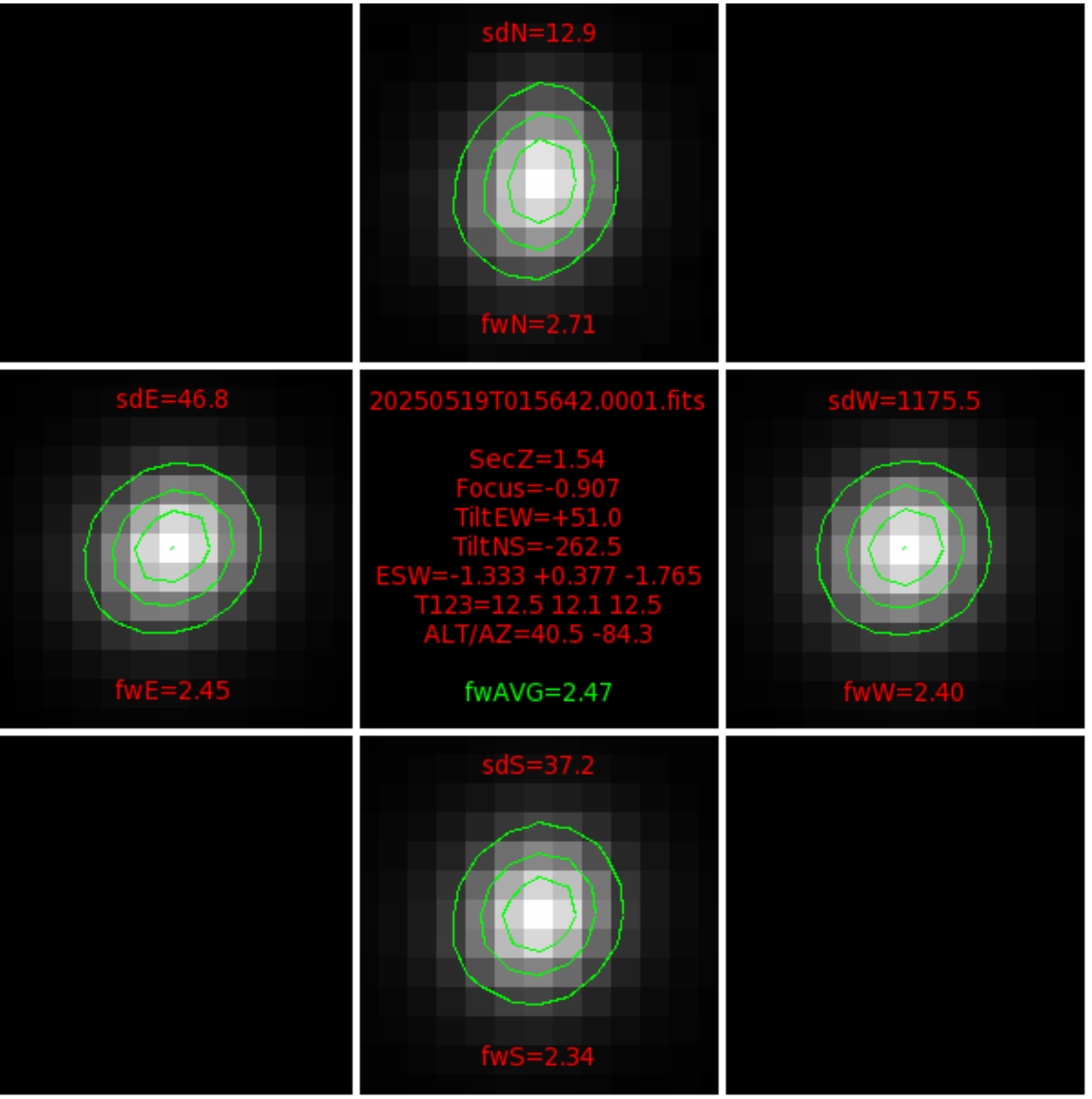
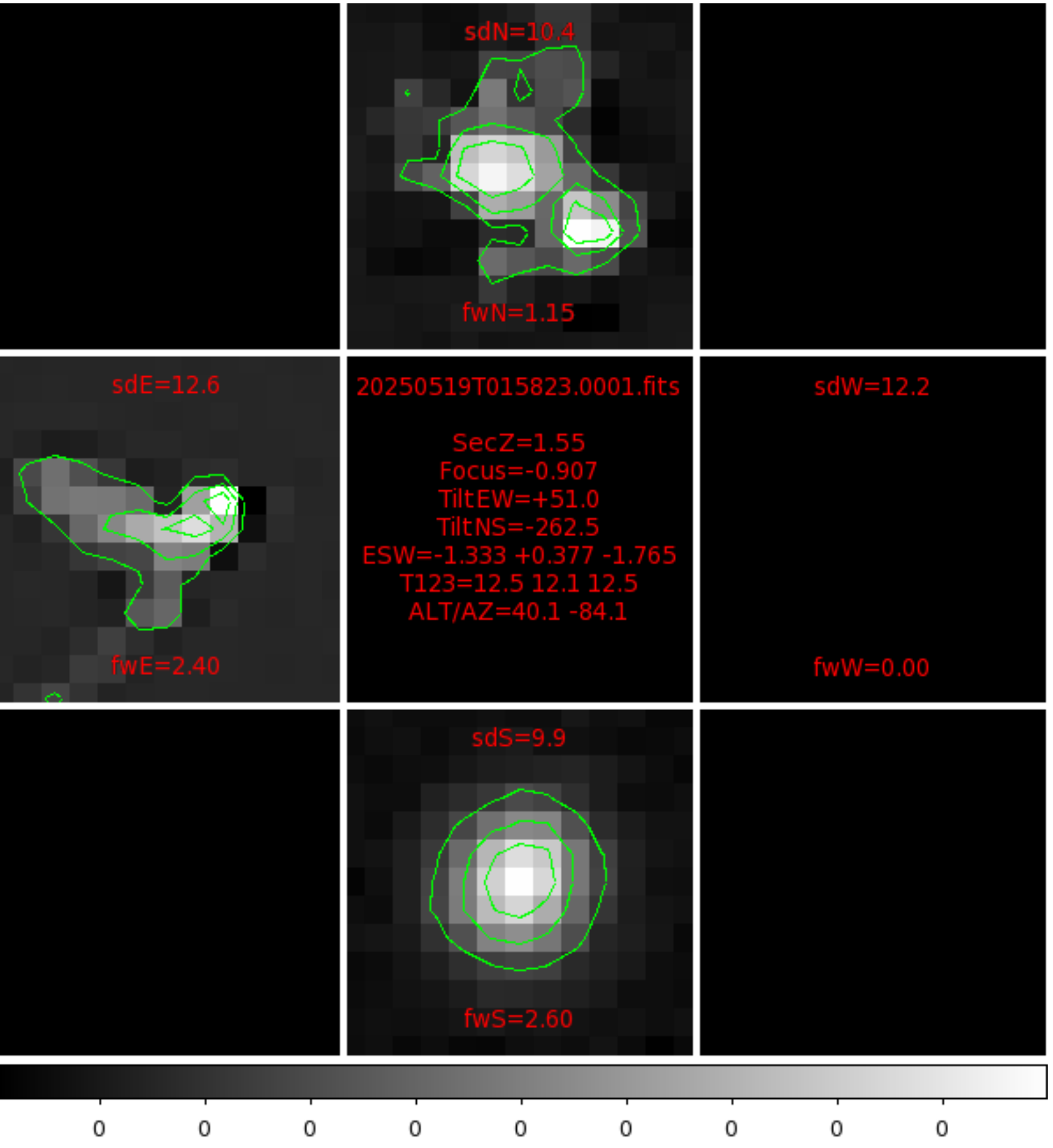

sdN=13.6
fwN=2.46
sdE=12.7
fwE=0.00
20250519T015231.0001.fits
SecZ=1.98
Focus=-0.901
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.327 +0.383 -1.759
T123=12.5 12.1 12.5
ALT/AZ=30.3 -73.3
sdW=56.3
fwW=2.49
sdS=18.9
fwS=2.89
0 0 0 0 0 0 0 0 0

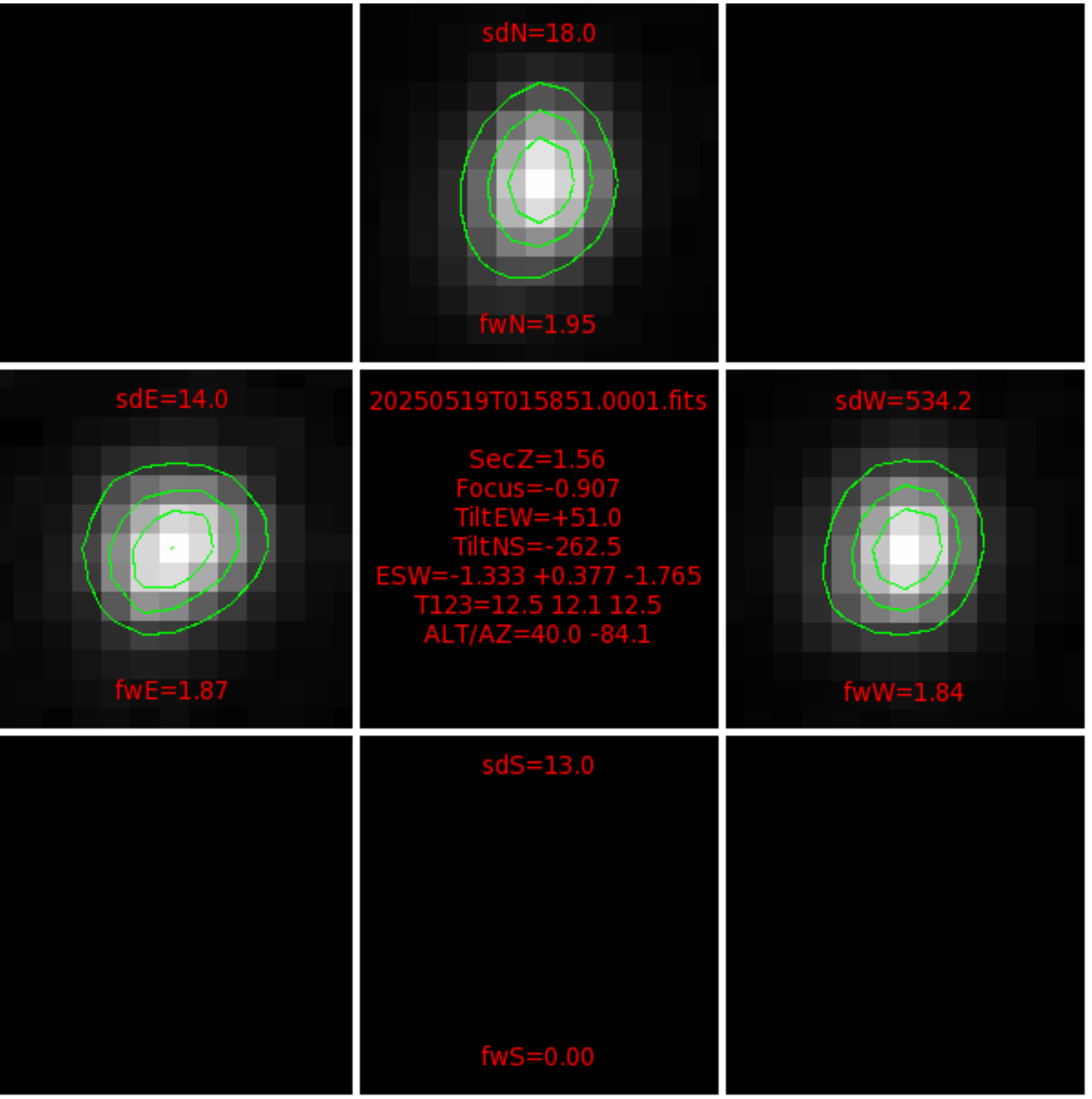

sdN=30.5
fwN=2.83
sdE=19.9
fwE=2.54
20250519T015403.0001.fits
SecZ=1.52
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.5 12.1 12.4
ALT/AZ=41.1 -84.6
fwAVG=2.69
sdW=98.3
fwW=2.64
sdS=34.6
fwS=2.76
0 0 0 0 0 0 0 0 0

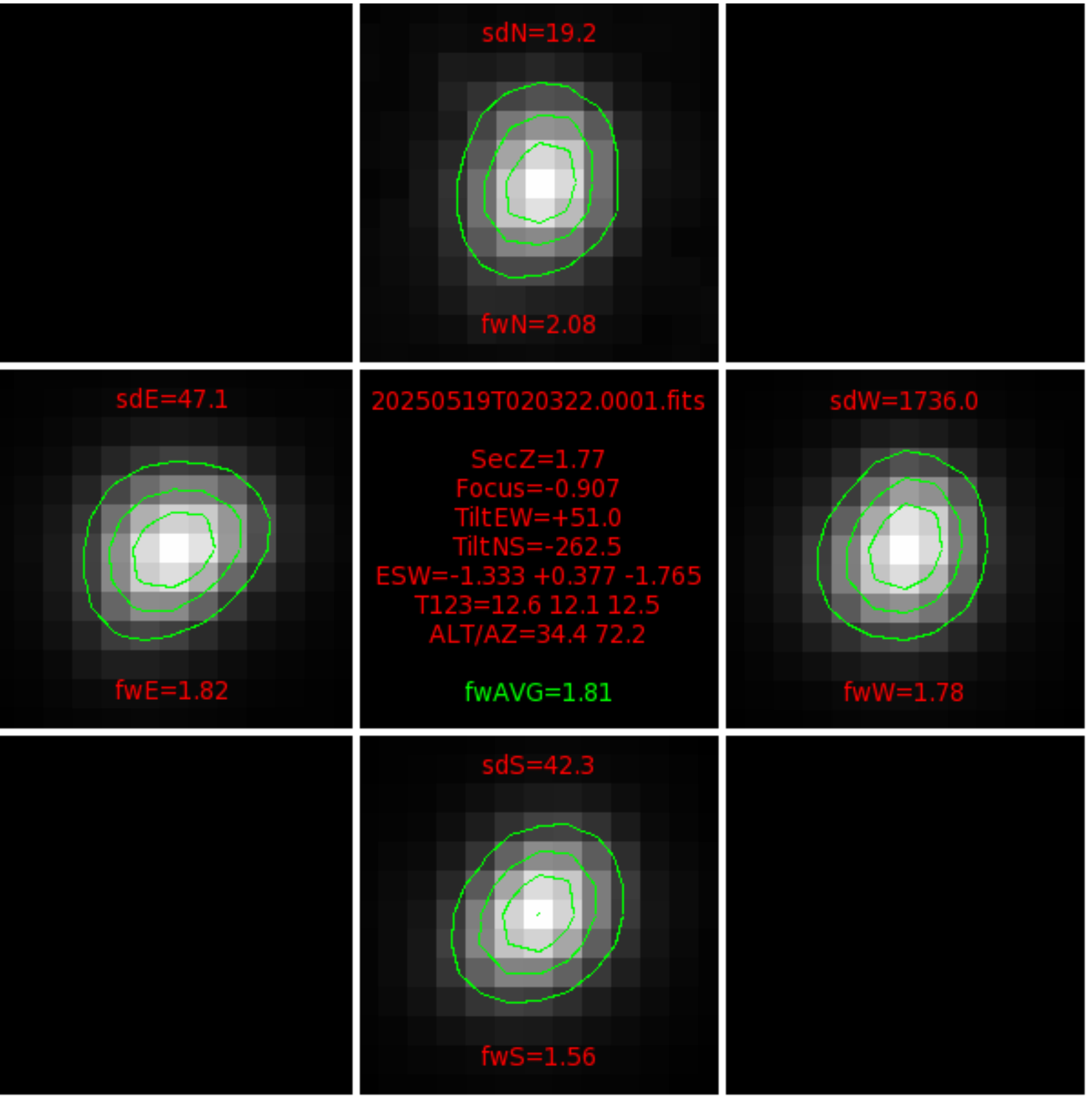

sdN=4.4
fwN=3.37
sdE=4.2
fwE=2.94
20250519T015431.0001.fits
SecZ=1.53
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.5 12.1 12.5
ALT/AZ=41.0 -84.6
fwAVG=3.25
sdW=253.9
fwW=3.16
sdS=4.6
fwS=3.51
0 0 0 0 0 0 0 0 0


sdN=7.4
fwN=2.50
sdE=11.6
fwE=2.89
20250519T015613.0001.fits
SecZ=1.54
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.5 12.1 12.5
ALT/AZ=40.6 -84.4
fwAVG=2.59
sdW=573.7
fwW=2.33
sdS=12.7
fwS=2.62
0 0 0 0 0 0 0 0 0


sdN=12.9
fwN=2.71
sdE=46.8
fwE=2.45
20250519T015642.0001.fits
SecZ=1.54
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.5 12.1 12.5
ALT/AZ=40.5 -84.3
fwAVG=2.47
sdW=1175.5
fwW=2.40
sdS=37.2
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=10.4
fwN=1.15
sdE=12.6
fwE=2.40
20250519T015823.0001.fits
SecZ=1.55
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.5 12.1 12.5
ALT/AZ=40.1 -84.1
sdW=12.2
fwW=0.00
sdS=9.9
fwS=2.60
0 0 0 0 0 0 0 0 0


sdN=18.0
fwN=1.95
sdE=14.0
fwE=1.87
20250519T015851.0001.fits
SecZ=1.56
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.5 12.1 12.5
ALT/AZ=40.0 -84.1
sdW=534.2
fwW=1.84
sdS=13.0
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=19.2
fwN=2.08
sdE=47.1
fwE=1.82
20250519T020322.0001.fits
SecZ=1.77
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.6 12.1 12.5
ALT/AZ=34.4 72.2
fwAVG=1.81
sdW=1736.0
fwW=1.78
sdS=42.3
fwS=1.56
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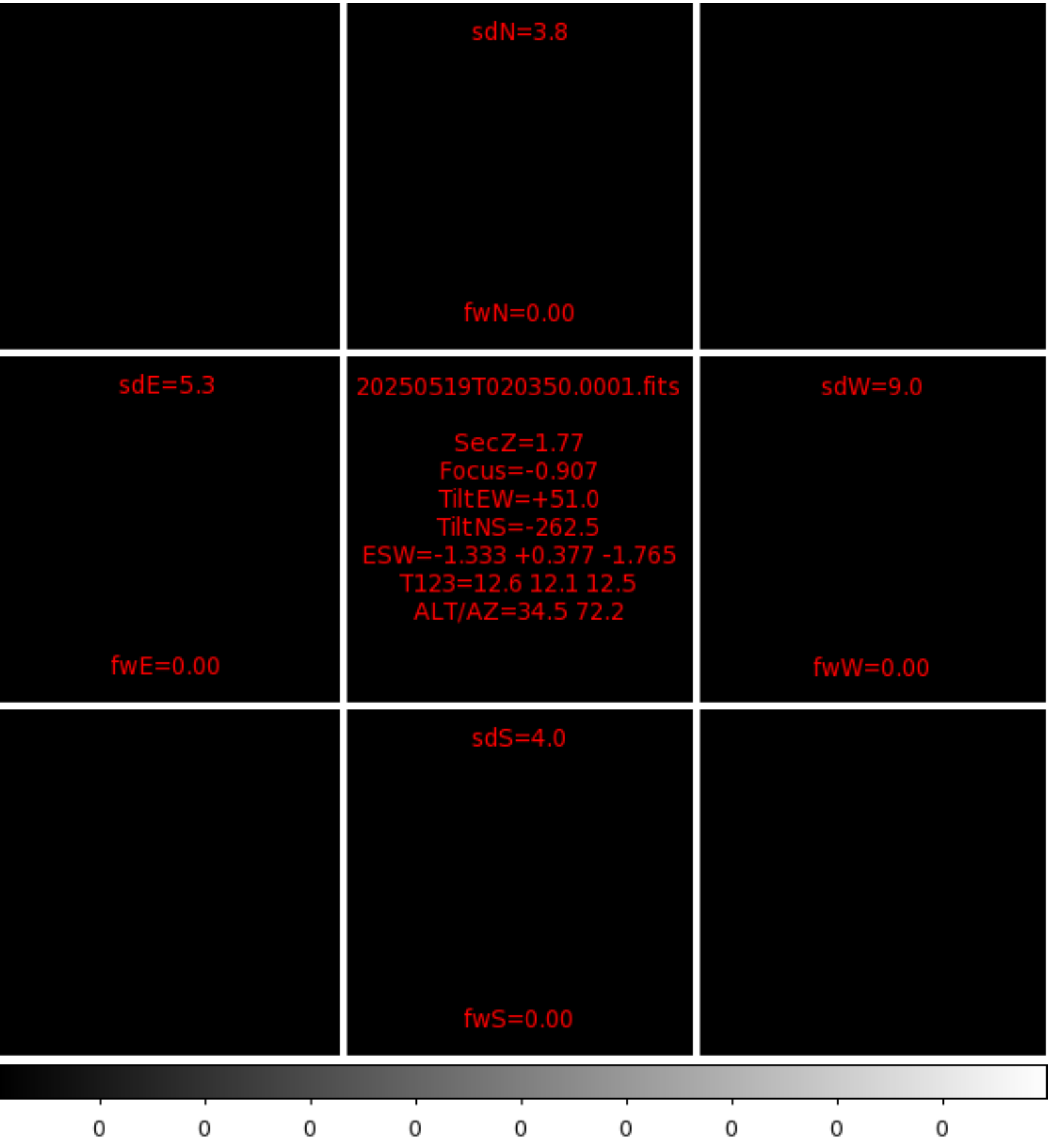
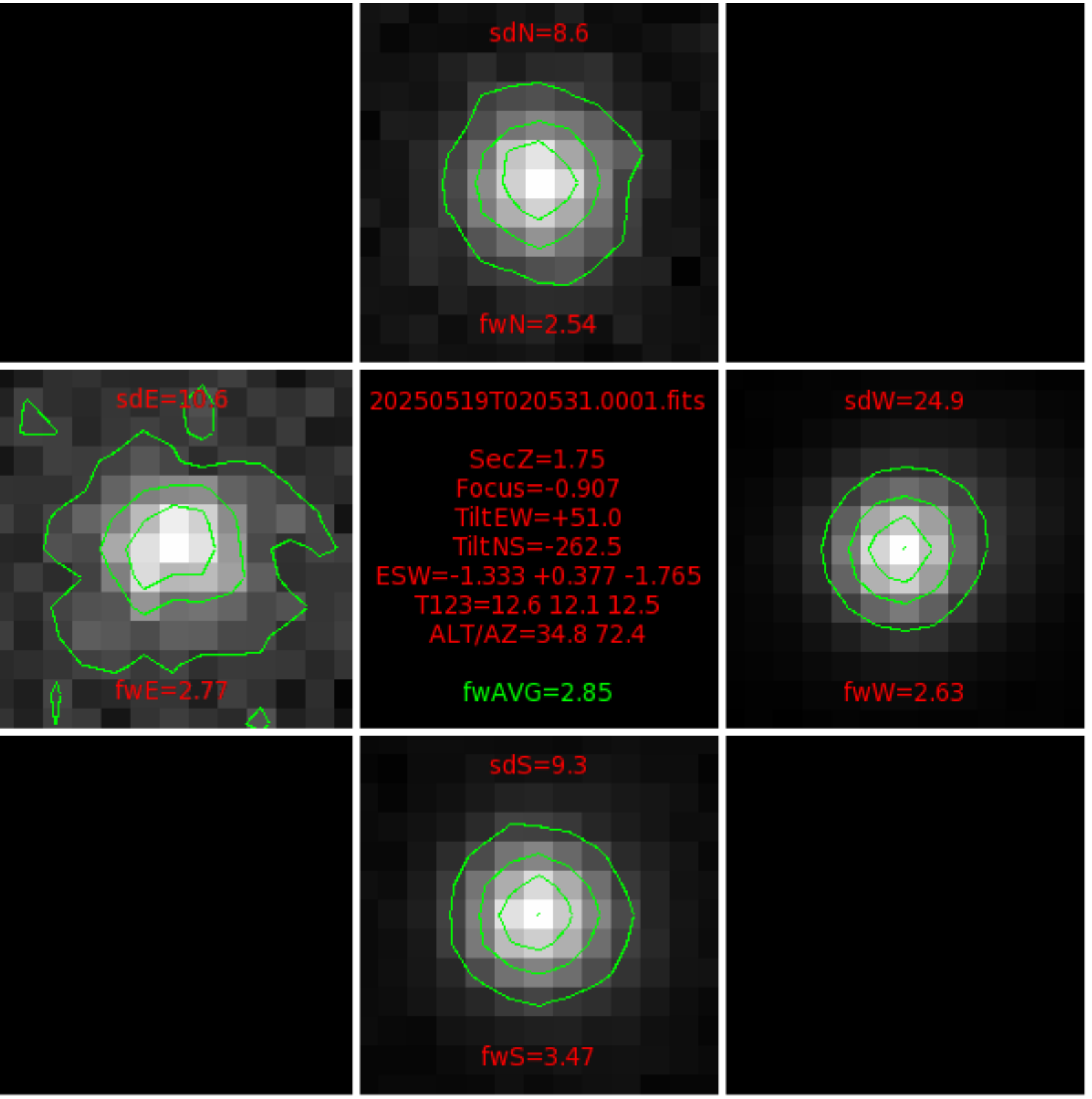

sdN=3.8
fwN=0.00
sdE=5.3
fwE=0.00
20250519T020350.0001.fits
SecZ=1.77
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.6 12.1 12.5
ALT/AZ=34.5 72.2
sdW=9.0
fwW=0.00
sdS=4.0
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=8.6
fwN=2.54
sdE=10.6
fwE=2.77
20250519T020531.0001.fits
SecZ=1.75
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.6 12.1 12.5
ALT/AZ=34.8 72.4
fwAVG=2.85
sdW=24.9
fwW=2.63
sdS=9.3
fwS=3.47
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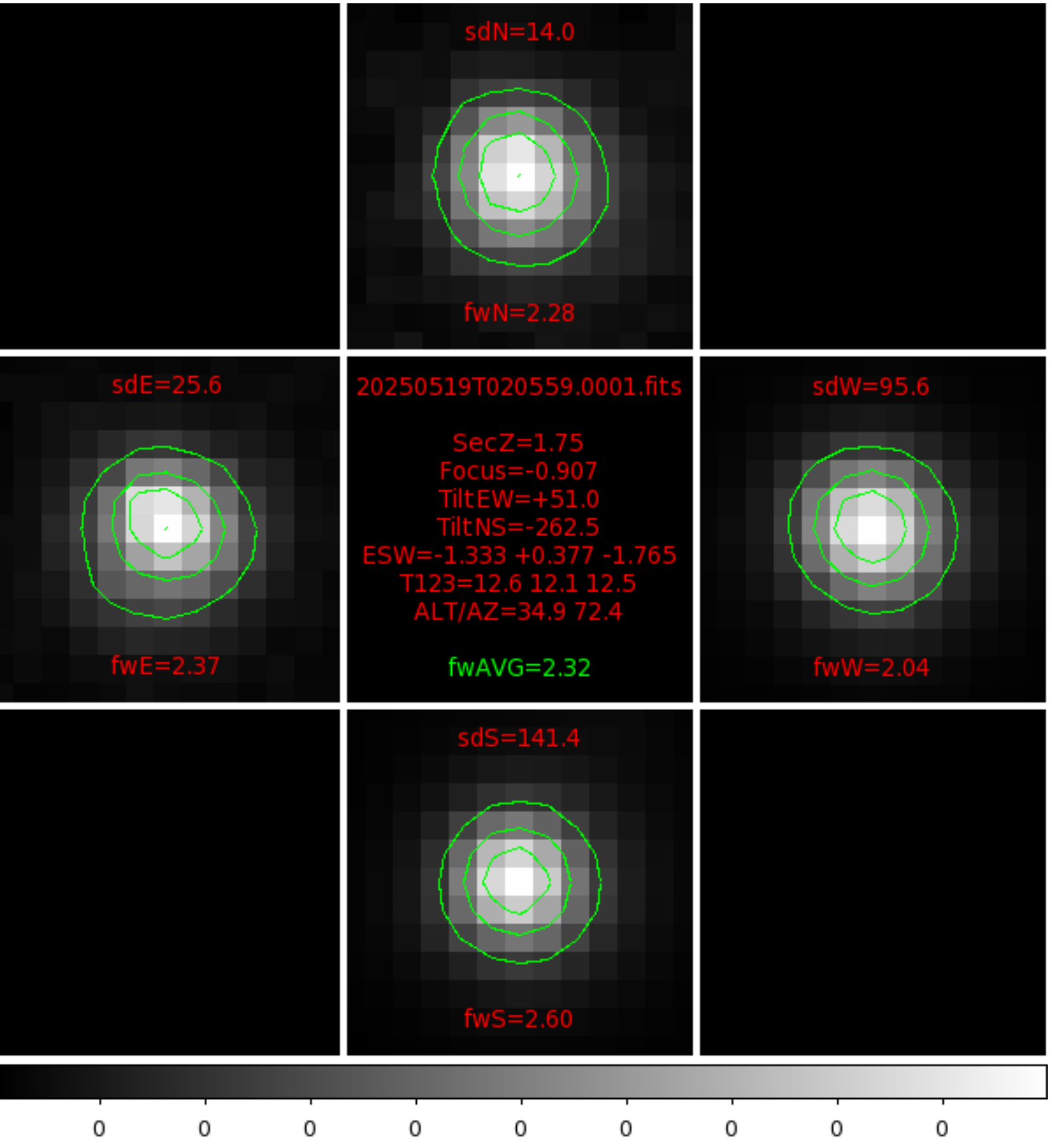
sdN=14.0
fwN=2.28
sdE=25.6
fwE=2.37
20250519T020559.0001.fits
SecZ=1.75
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.6 12.1 12.5
ALT/AZ=34.9 72.4
fwAVG=2.32
sdW=95.6
fwW=2.04
sdS=141.4
fwS=2.60
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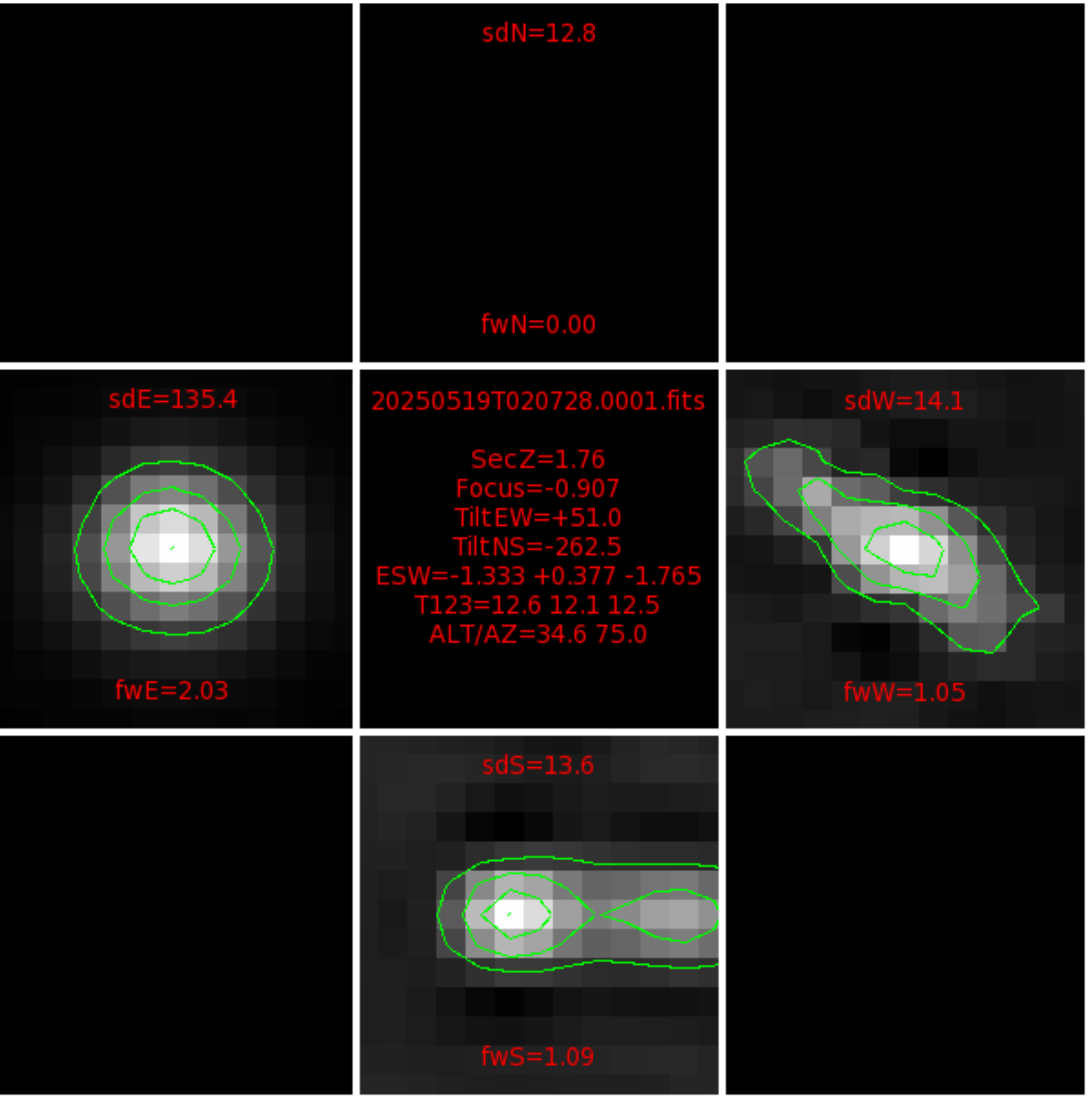
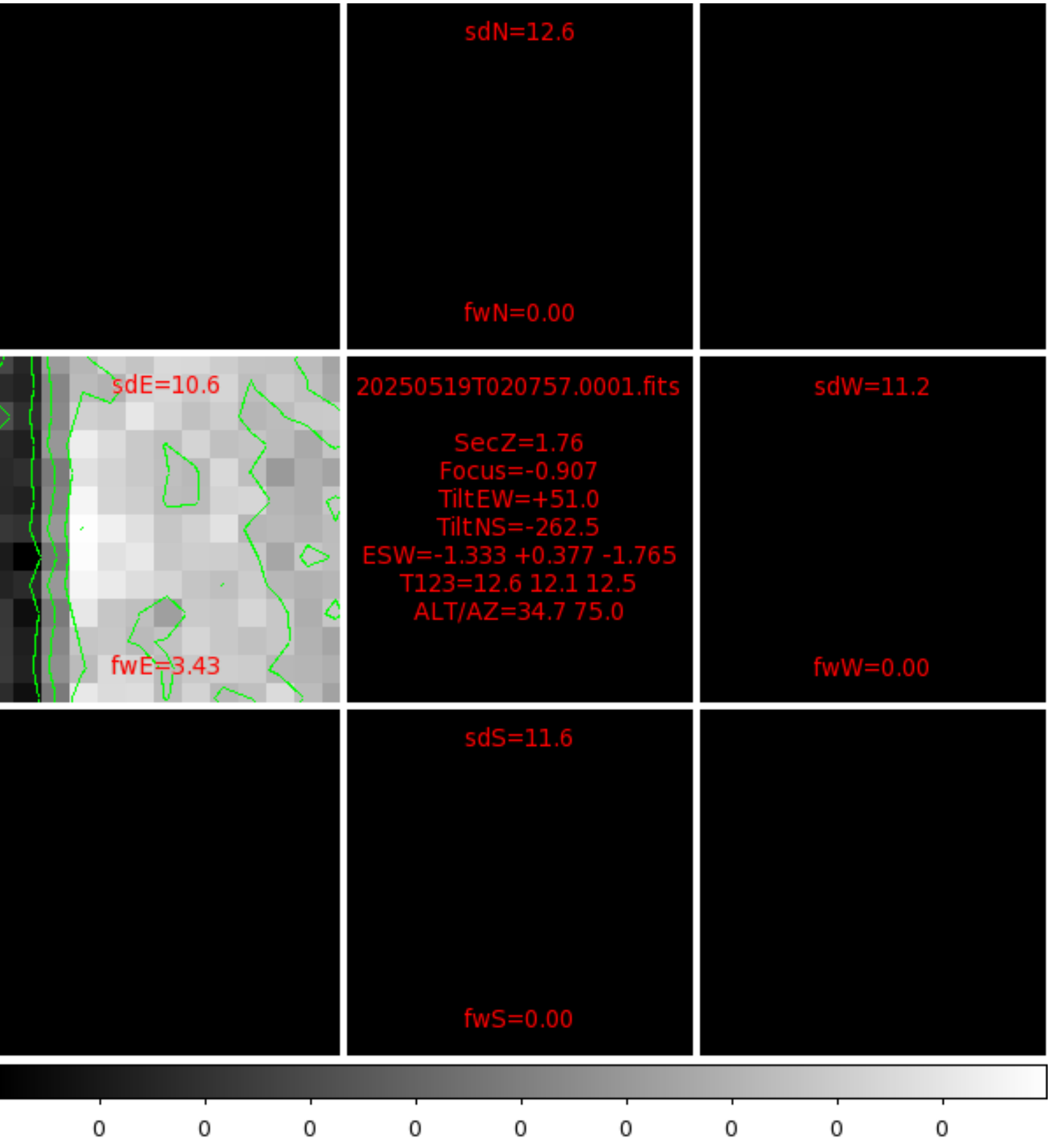
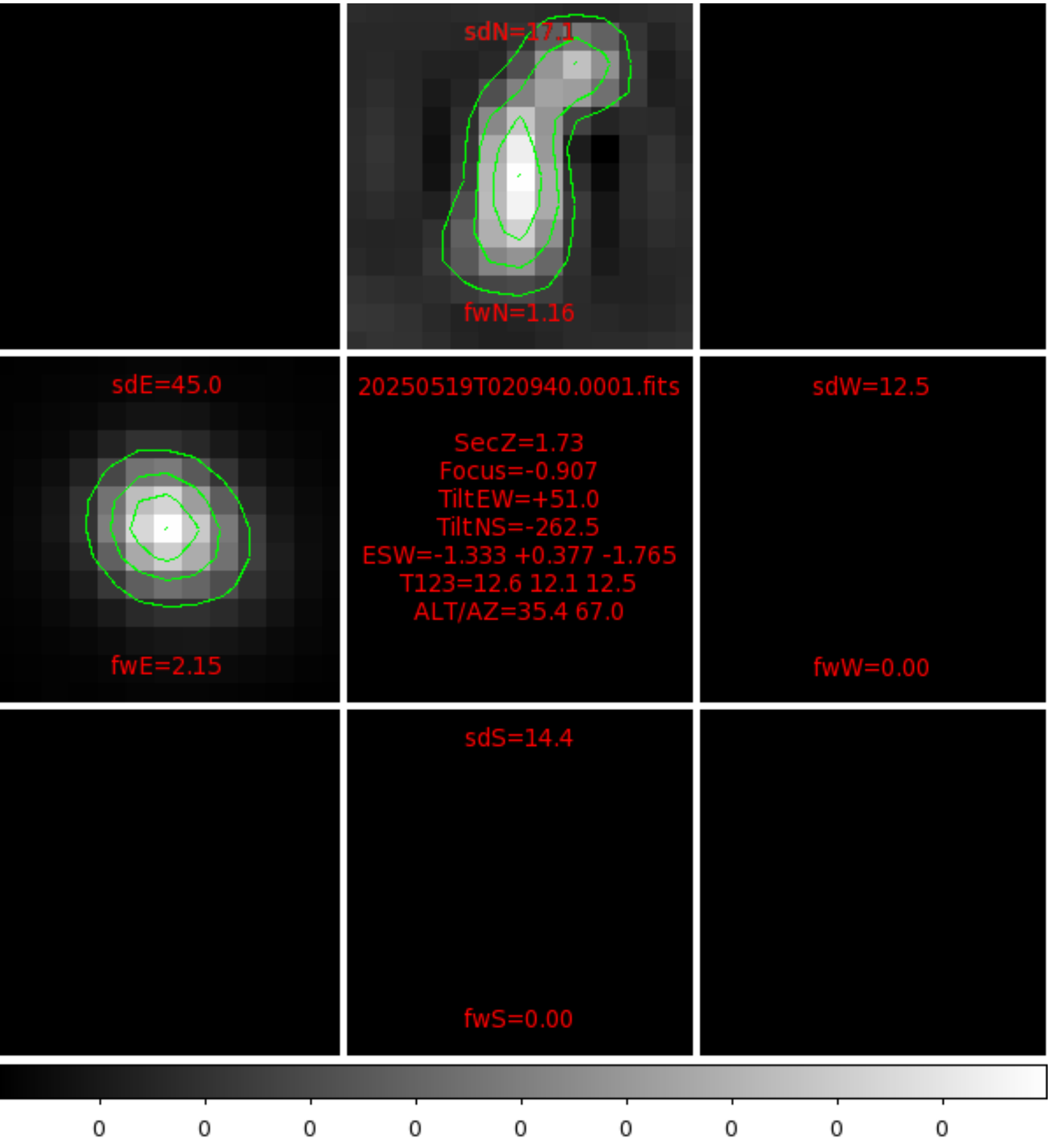
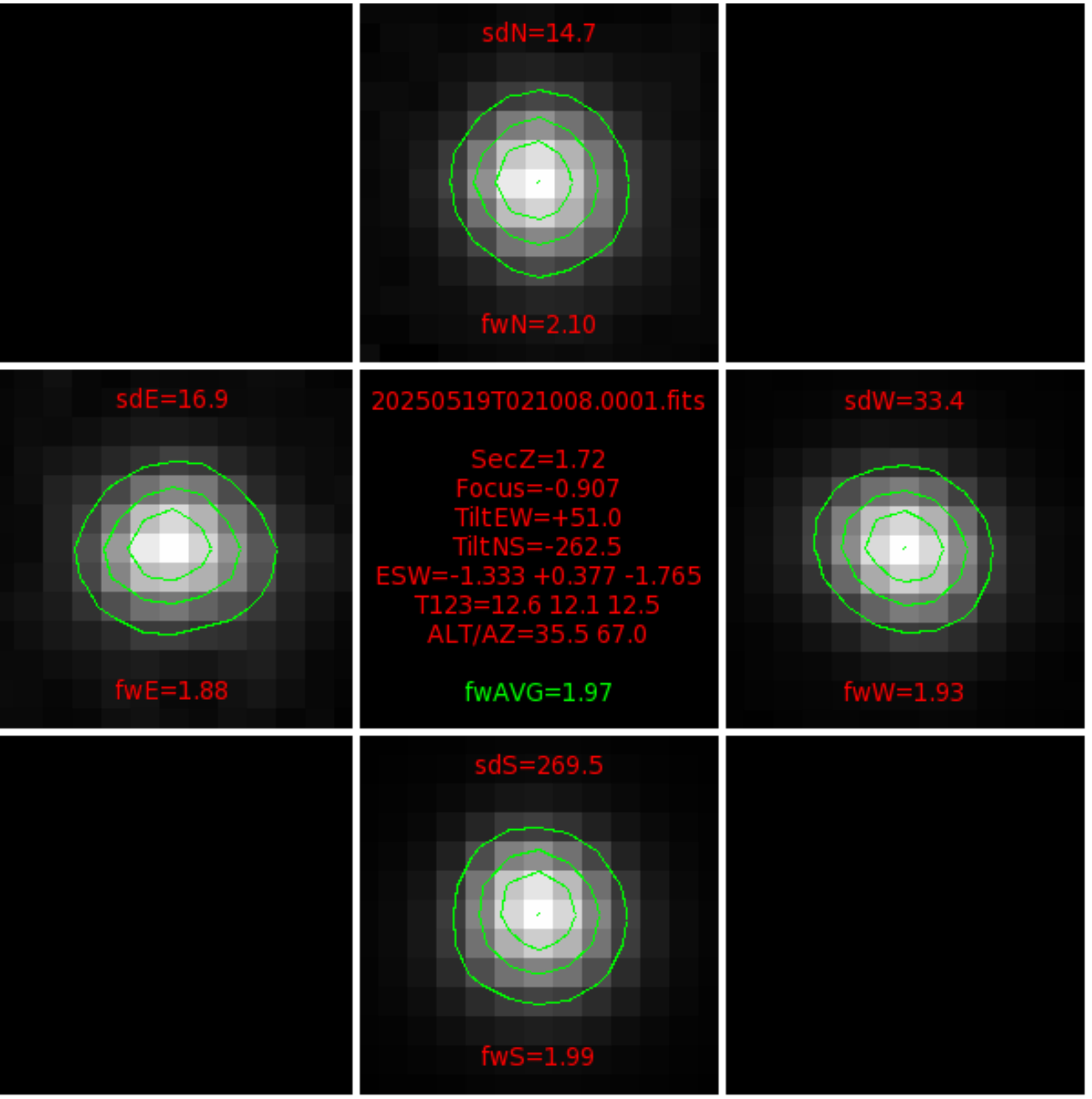

sdN=12.8
fwN=0.00
sdE=135.4
fwE=2.03
20250519T020728.0001.fits
SecZ=1.76
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.6 12.1 12.5
ALT/AZ=34.6 75.0
sdW=14.1
fwW=1.05
sdS=13.6
fwS=1.09
0 0 0 0 0 0 0 0 0


sdN=12.6
fwN=0.00
sdE=10.6
fwE=3.43
20250519T020757.0001.fits
SecZ=1.76
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.6 12.1 12.5
ALT/AZ=34.7 75.0
sdW=11.2
fwW=0.00
sdS=11.6
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=17.1
fwN=1.16
sdE=45.0
fwE=2.15
20250519T020940.0001.fits
SecZ=1.73
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.6 12.1 12.5
ALT/AZ=35.4 67.0
sdW=12.5
fwW=0.00
sdS=14.4
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=14.7
fwN=2.10
sdE=16.9
fwE=1.88
20250519T021008.0001.fits
SecZ=1.72
Focus=-0.907
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.333 +0.377 -1.765
T123=12.6 12.1 12.5
ALT/AZ=35.5 67.0
fwAVG=1.97
sdW=33.4
fwW=1.93
sdS=269.5
fwS=1.99
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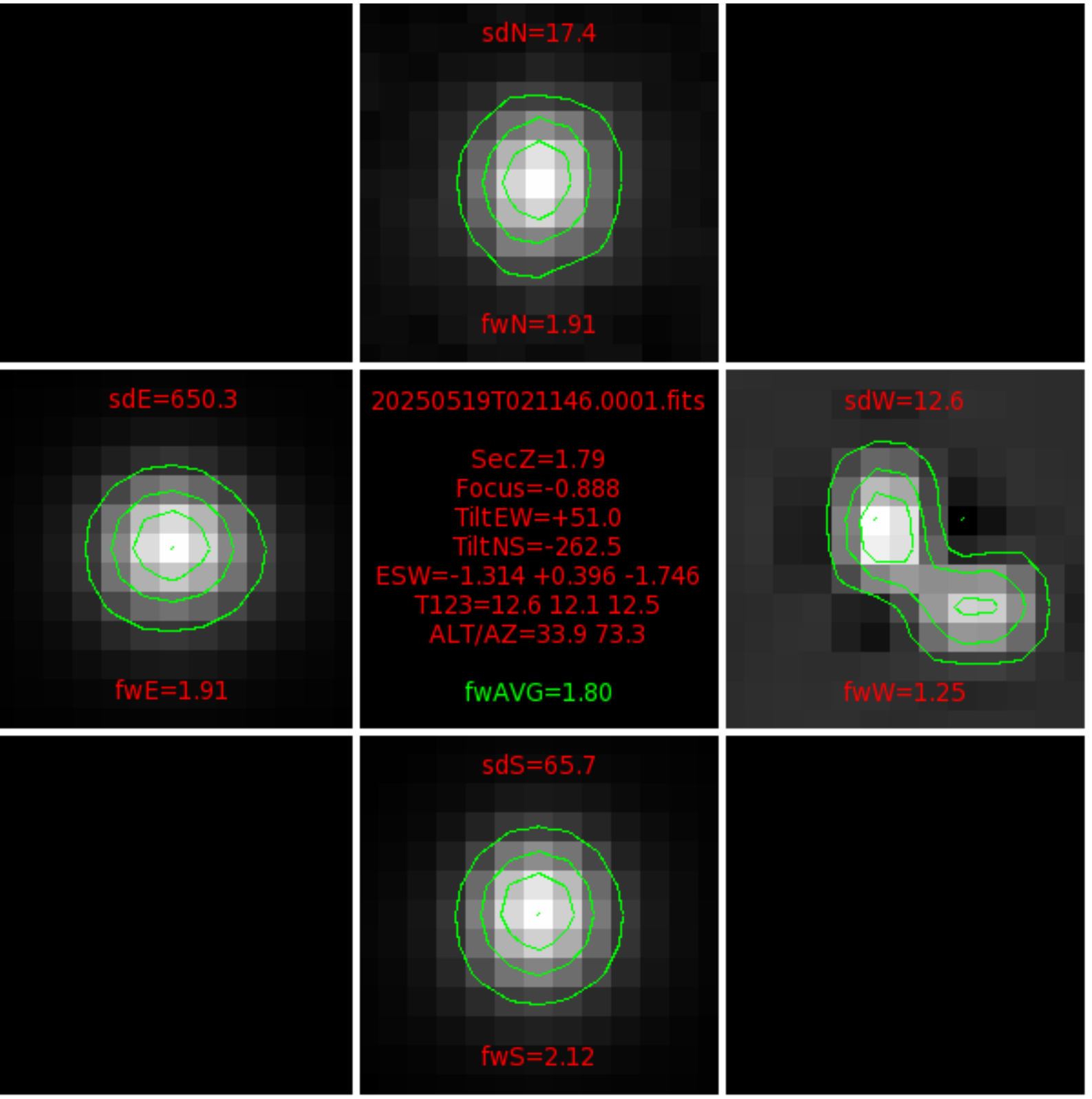
sdN=17.4
fwN=1.91
sdE=650.3
fwE=1.91
20250519T021146.0001.fits
SecZ=1.79
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.6 12.1 12.5
ALT/AZ=33.9 73.3
fwAVG=1.80
sdW=12.6
fwW=1.25
sdS=65.7
fwS=2.12
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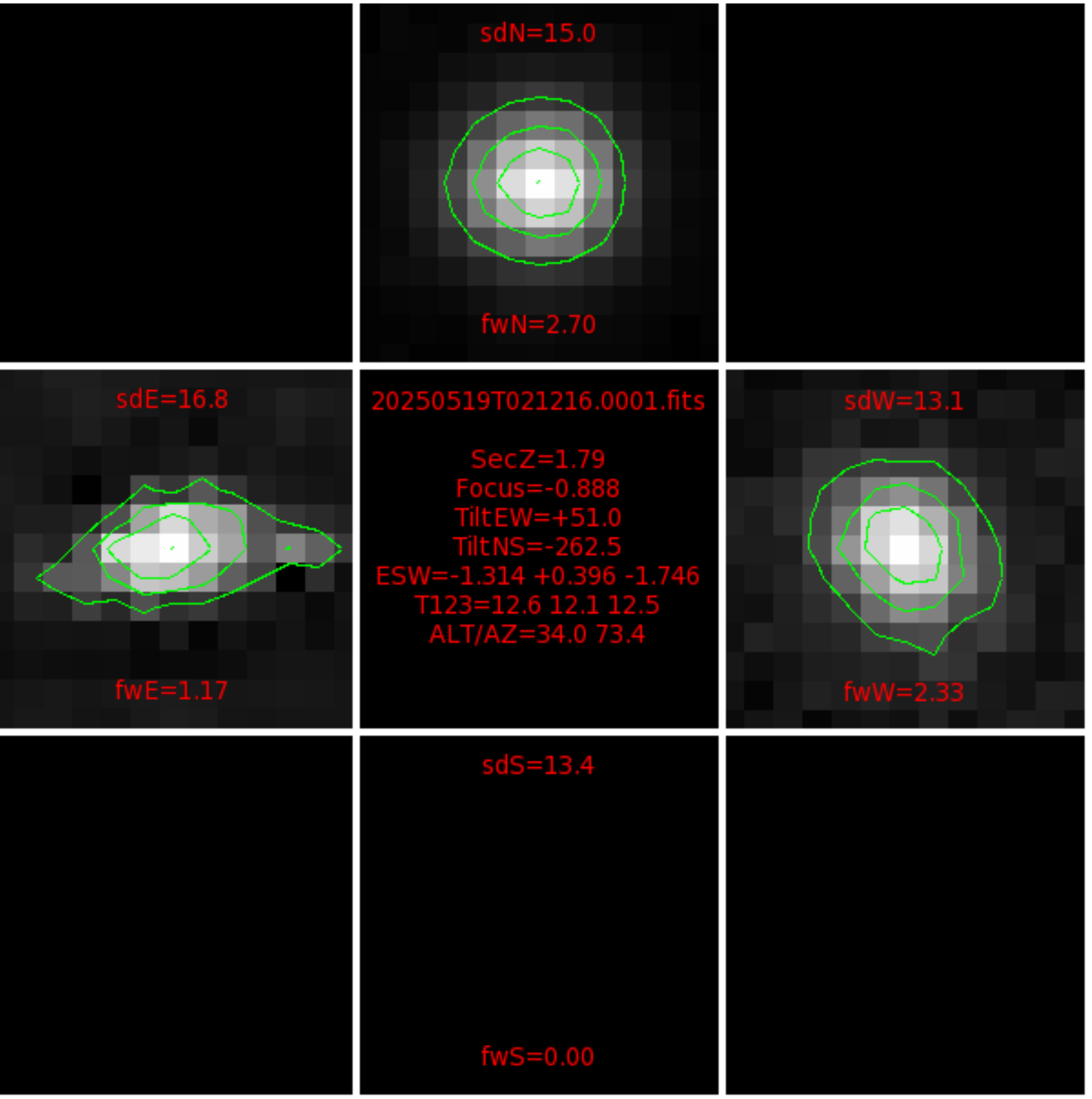
sdN=15.0
fwN=2.70
sdE=16.8
fwE=1.17
20250519T021216.0001.fits
SecZ=1.79
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.6 12.1 12.5
ALT/AZ=34.0 73.4
sdW=13.1
fwW=2.33
sdS=13.4
fwS=0.00
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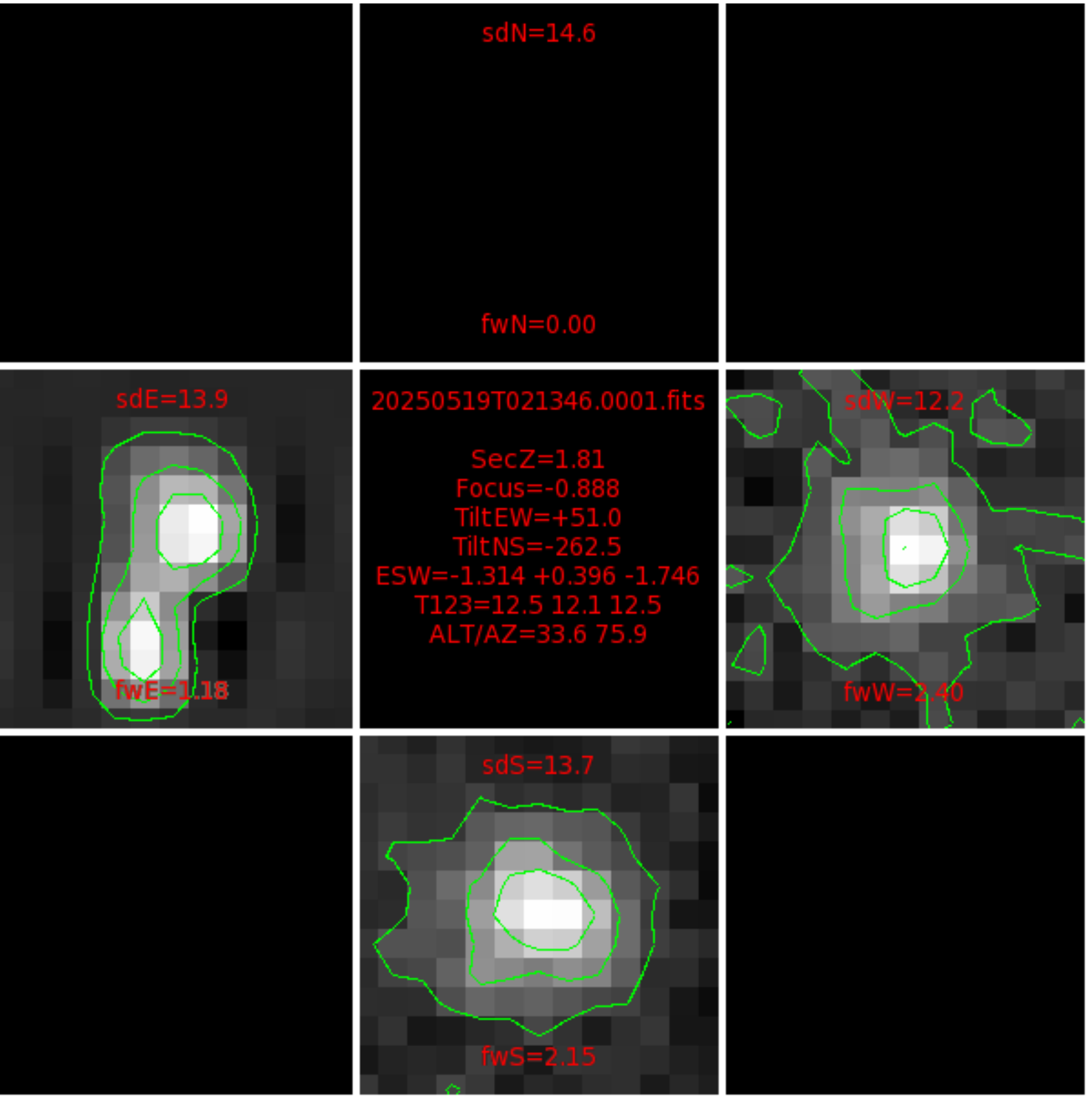
sdN=14.6
fwN=0.00
sdE=13.9
fwE=1.18
20250519T021346.0001.fits
SecZ=1.81
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.5 12.1 12.5
ALT/AZ=33.6 75.9
sdW=12.2
fwW=2.40
sdS=13.7
fwS=2.15
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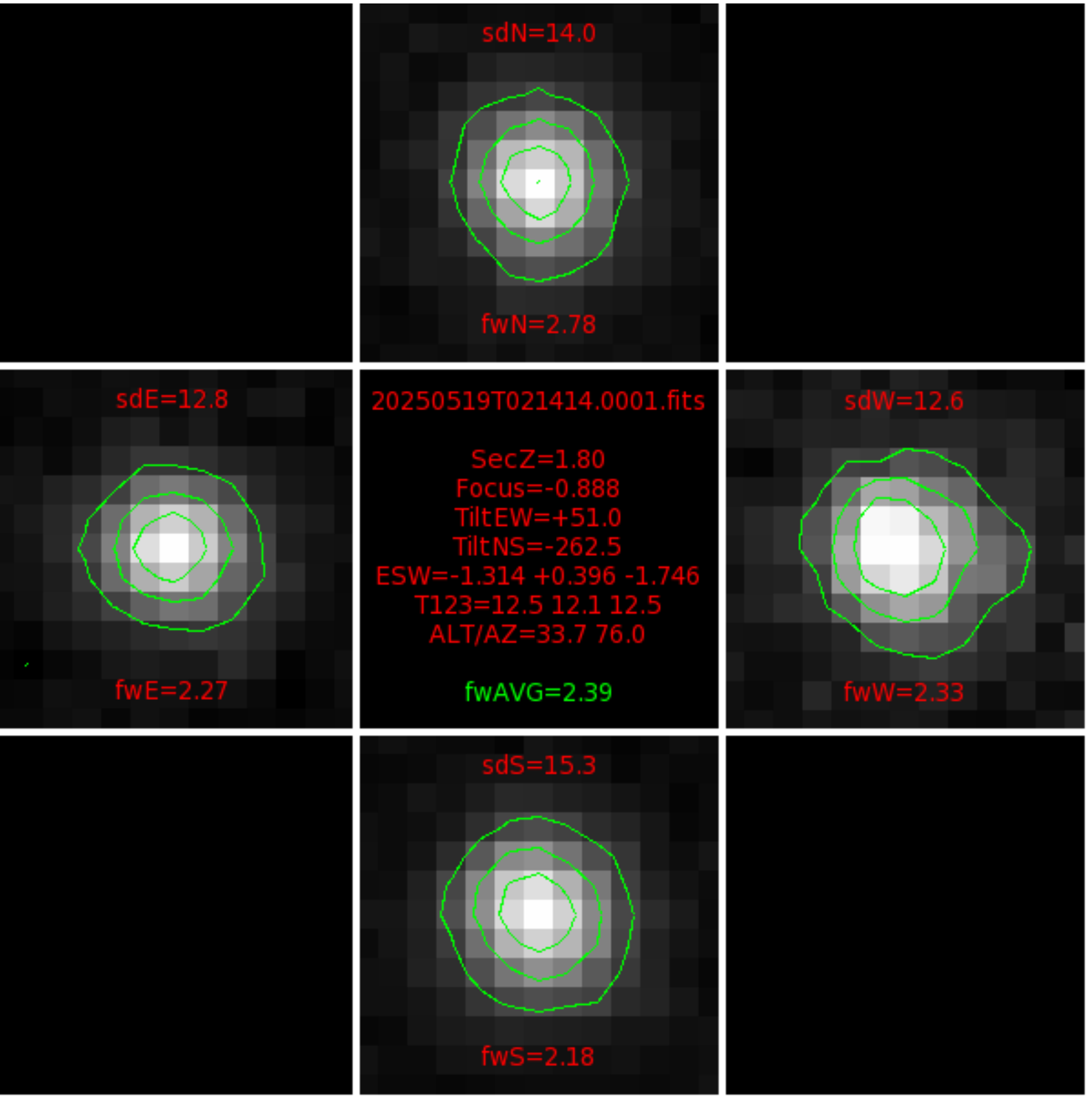
sdN=14.0
fwN=2.78
sdE=12.8
fwE=2.27
20250519T021414.0001.fits
SecZ=1.80
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.5 12.1 12.5
ALT/AZ=33.7 76.0
fwAVG=2.39
sdW=12.6
fwW=2.33
sdS=15.3
fwS=2.18
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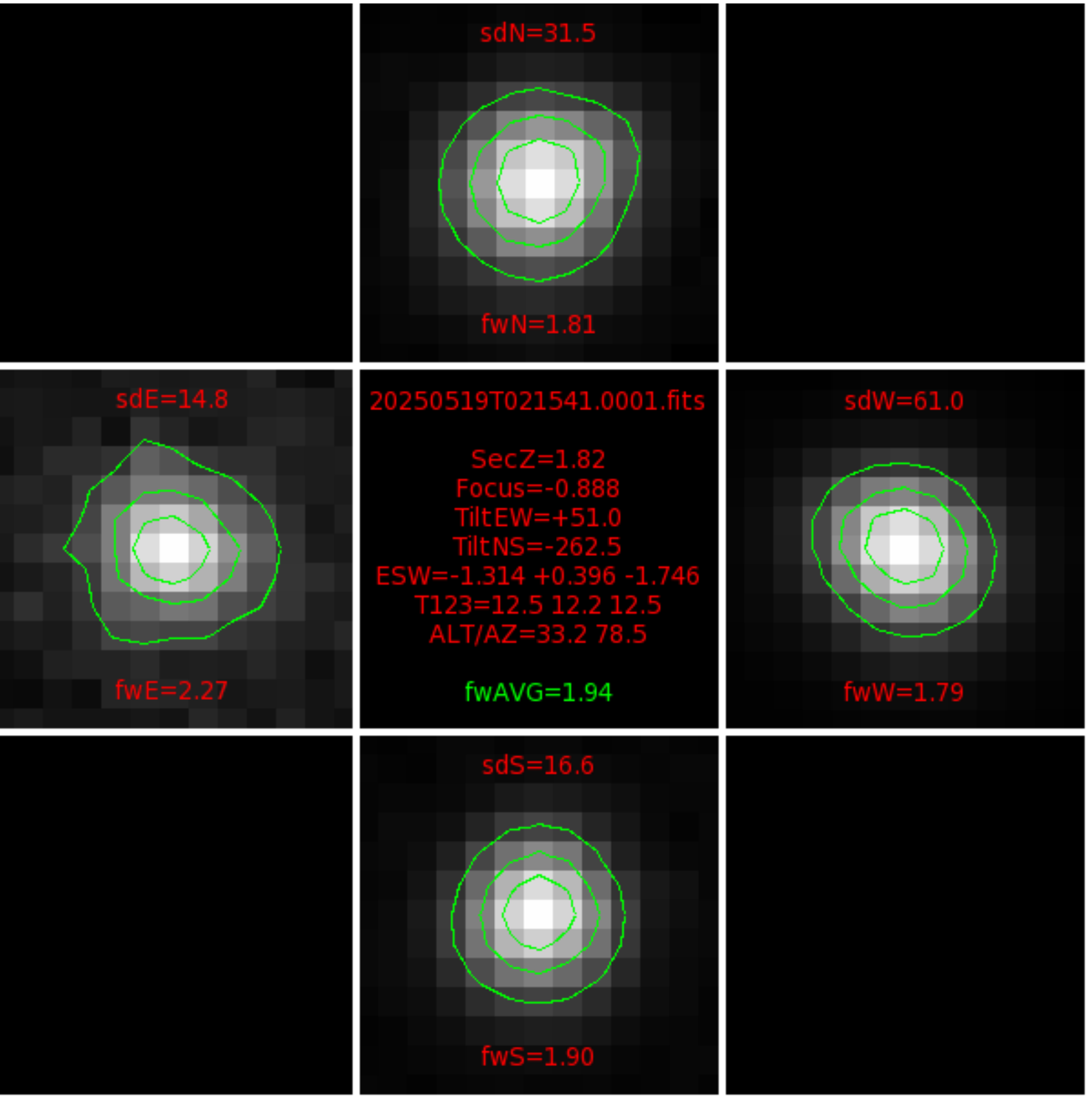
sdN=31.5
fwN=1.81
sdE=14.8
fwE=2.27
20250519T021541.0001.fits
SecZ=1.82
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.5 12.2 12.5
ALT/AZ=33.2 78.5
fwAVG=1.94
sdW=61.0
fwW=1.79
sdS=16.6
fwS=1.90
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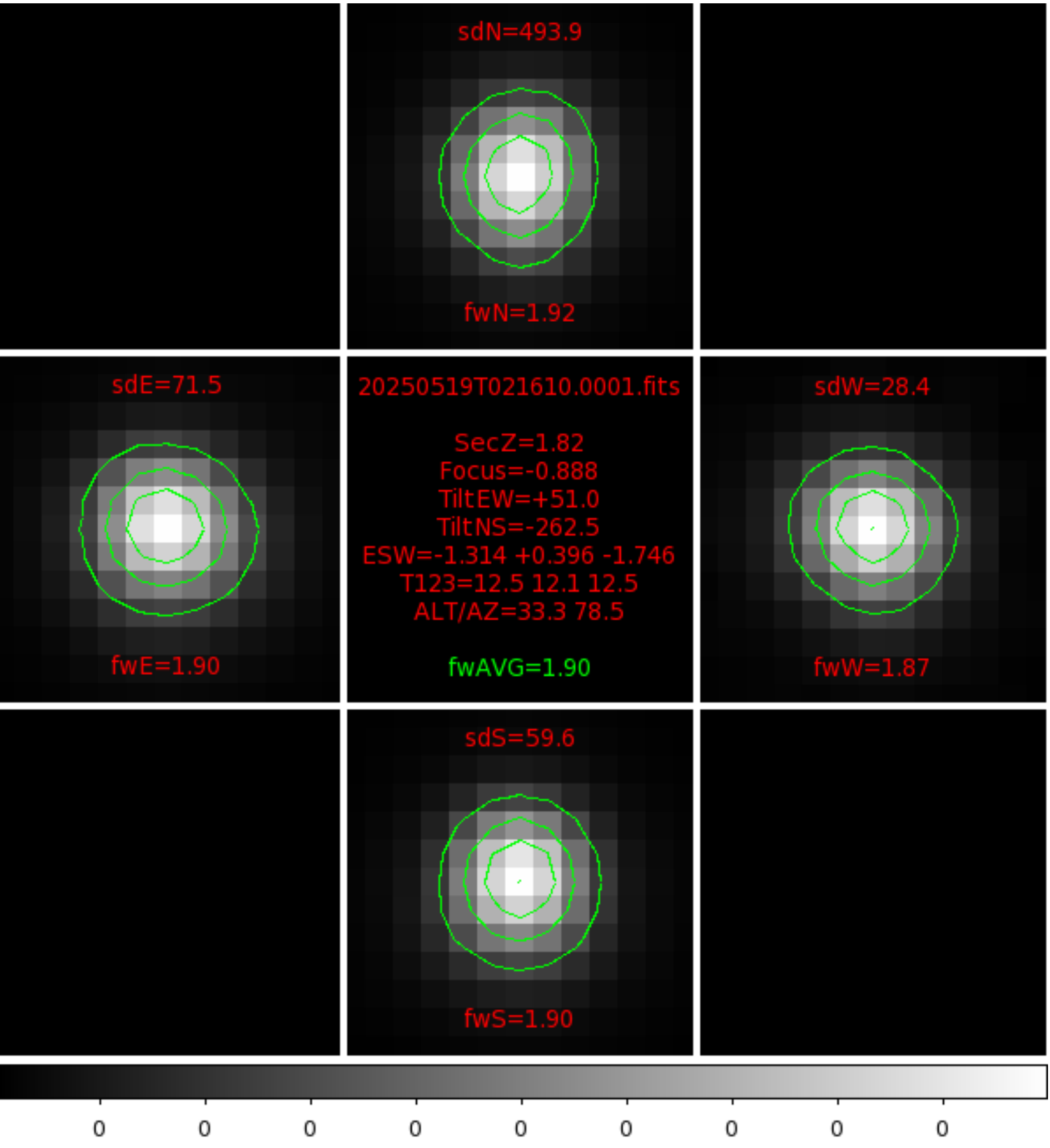
sdN=493.9
fwN=1.92
sdE=71.5
fwE=1.90
20250519T021610.0001.fits
SecZ=1.82
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.5 12.1 12.5
ALT/AZ=33.3 78.5
fwAVG=1.90
sdW=28.4
fwW=1.87
sdS=59.6
fwS=1.90
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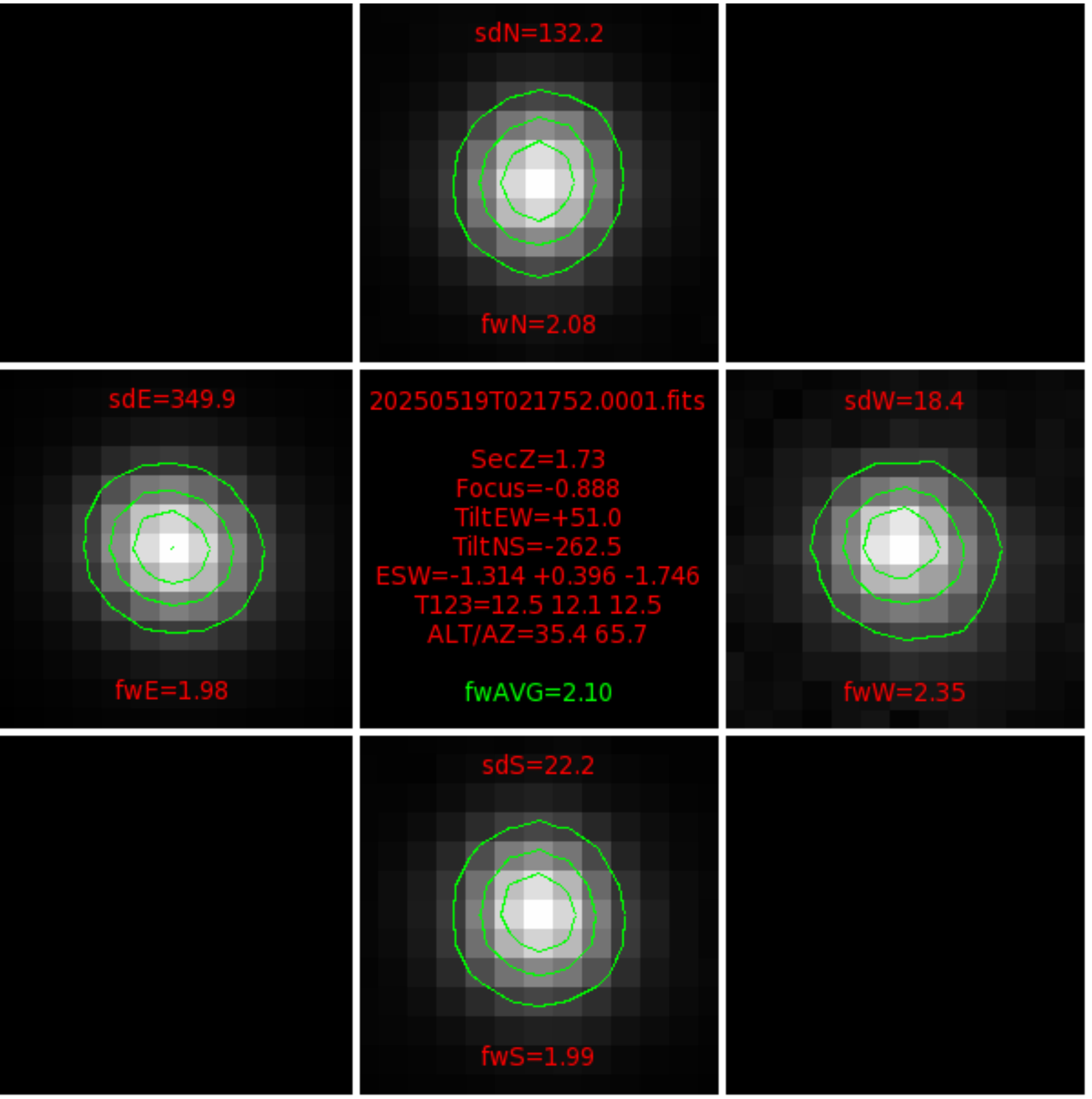
sdN=132.2
fwN=2.08
sdE=349.9
fwE=1.98
20250519T021752.0001.fits
SecZ=1.73
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.5 12.1 12.5
ALT/AZ=35.4 65.7
fwAVG=2.10
sdW=18.4
fwW=2.35
sdS=22.2
fwS=1.99
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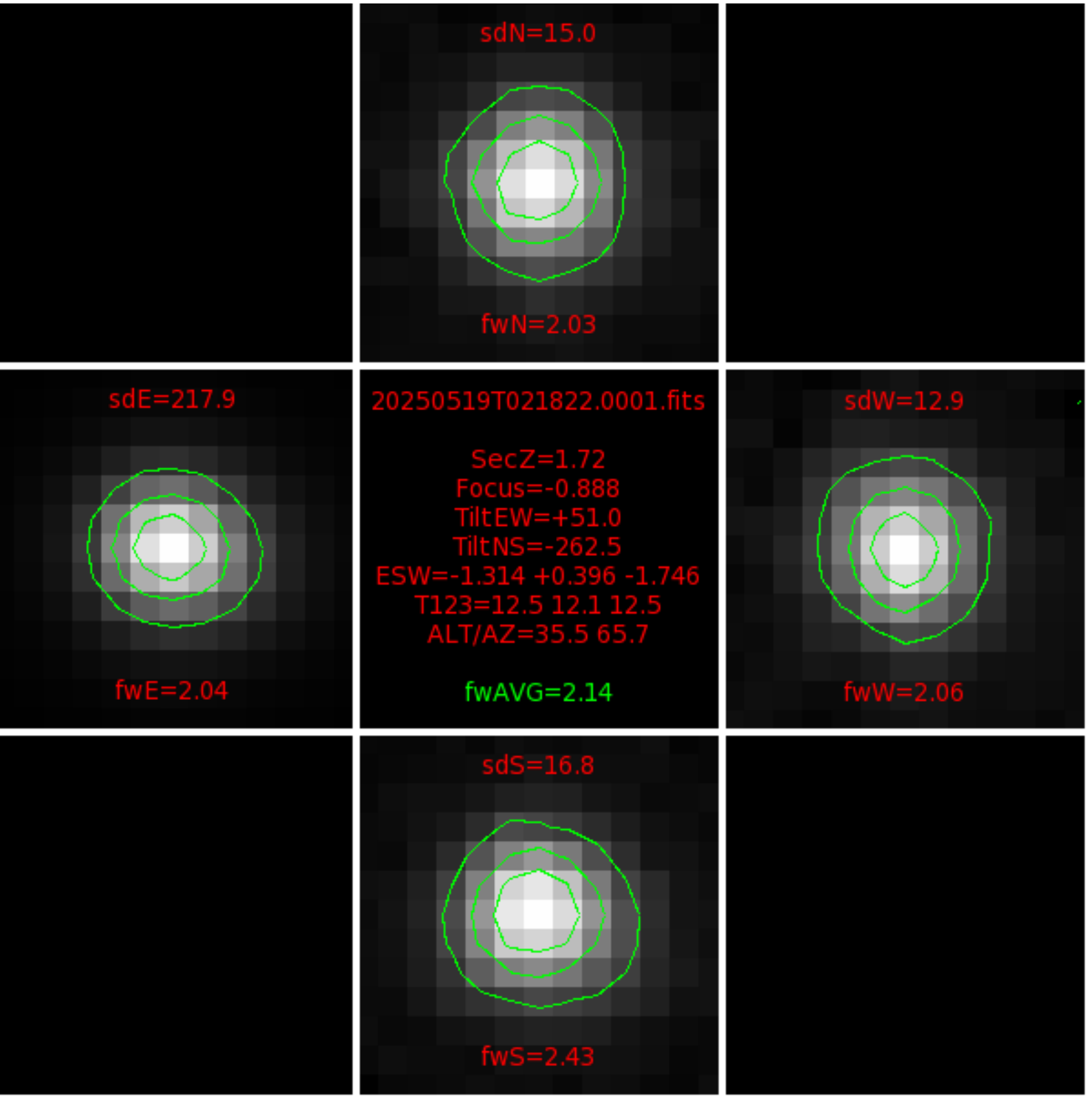
sdN=15.0
fwN=2.03
sdE=217.9
fwE=2.04
20250519T021822.0001.fits
SecZ=1.72
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.5 12.1 12.5
ALT/AZ=35.5 65.7
fwAVG=2.14
sdW=12.9
fwW=2.06
sdS=16.8
fwS=2.43
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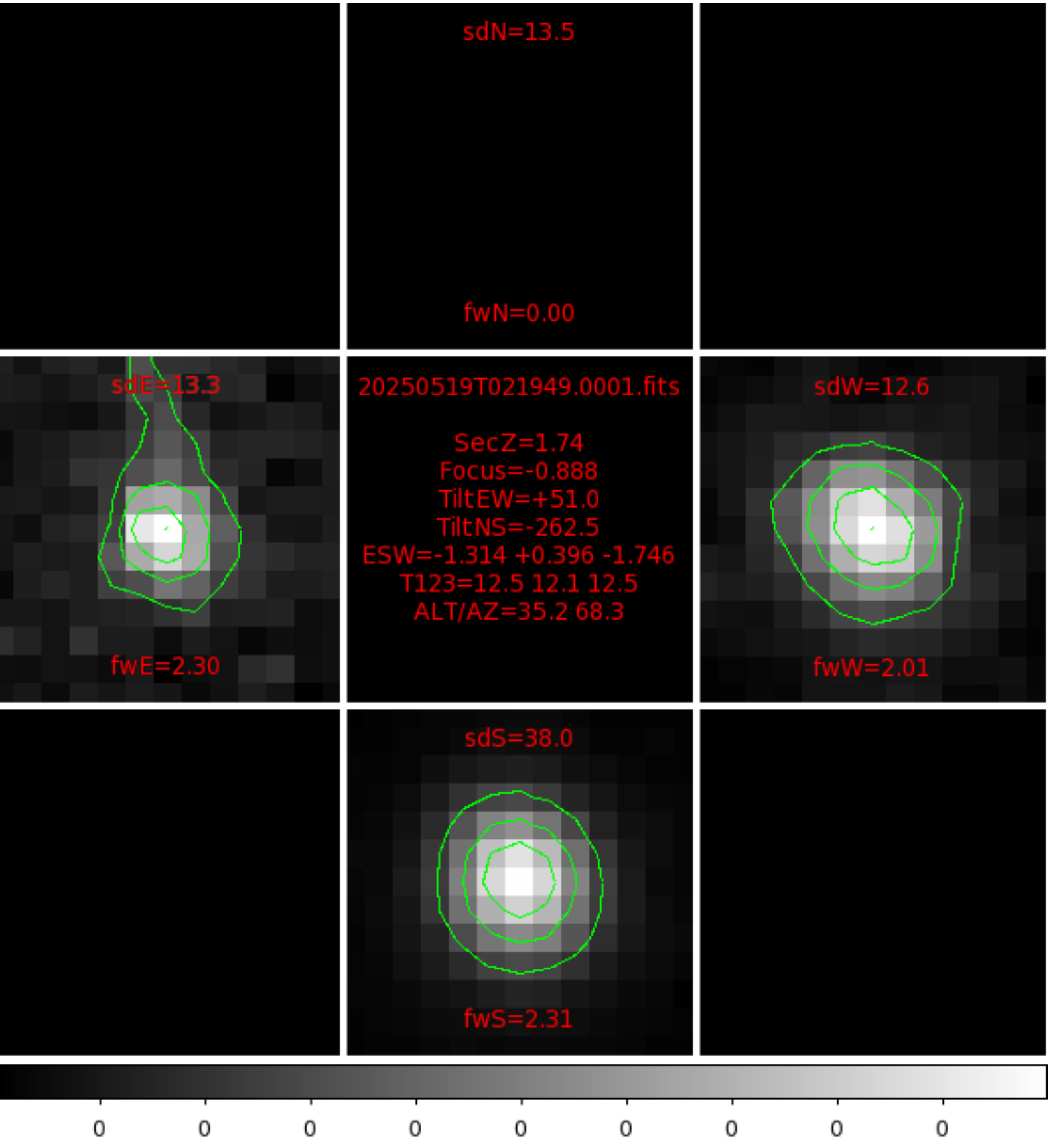
sdN=13.5
fwN=0.00
sdE=13.3
fwE=2.30
20250519T021949.0001.fits
SecZ=1.74
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.5 12.1 12.5
ALT/AZ=35.2 68.3
sdW=12.6
fwW=2.01
sdS=38.0
fwS=2.31
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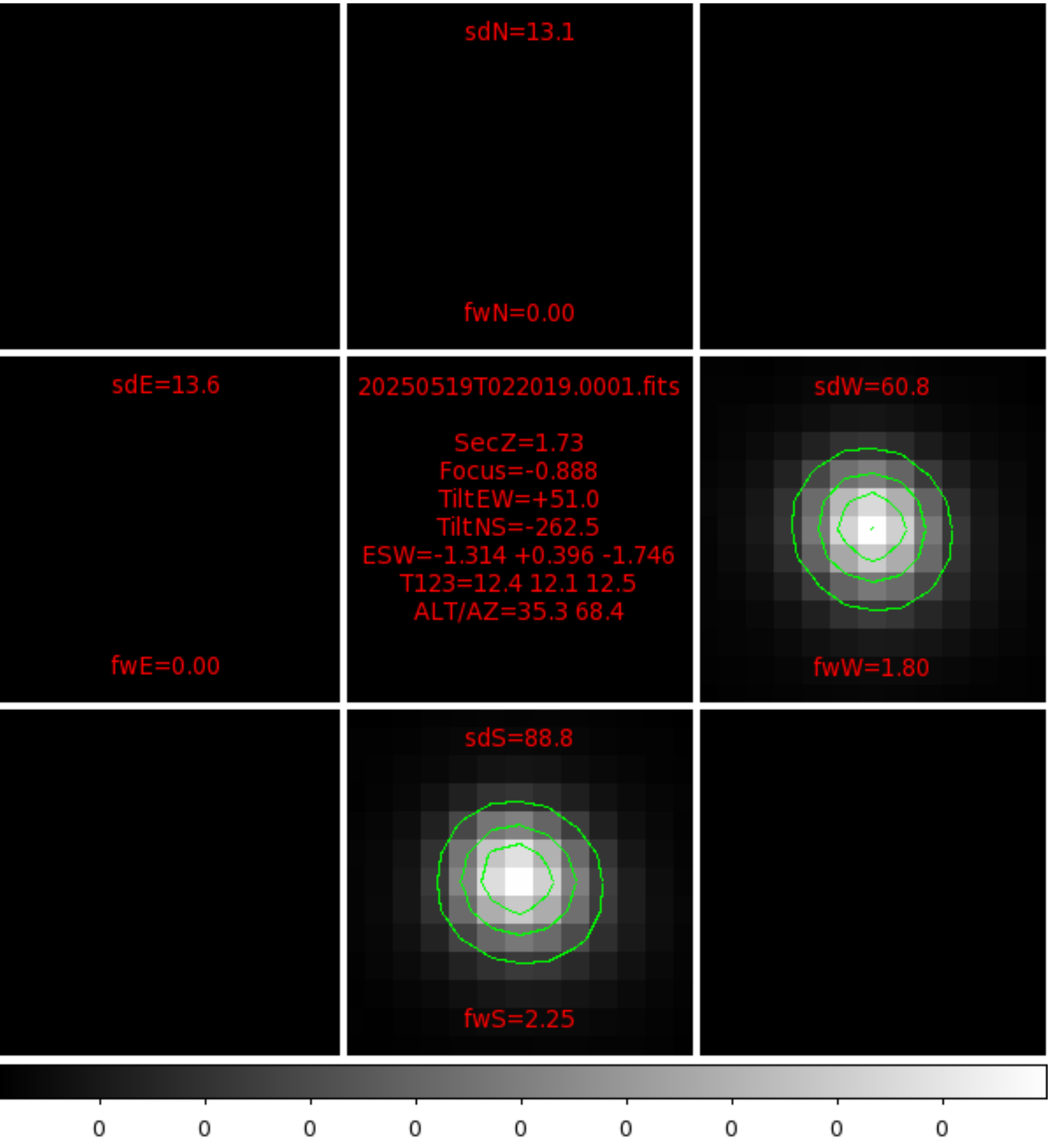
sdN=13.1
fwN=0.00
sdE=13.6
fwE=0.00
20250519T022019.0001.fits
SecZ=1.73
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.4 12.1 12.5
ALT/AZ=35.3 68.4
sdW=60.8
fwW=1.80
sdS=88.8
fwS=2.25
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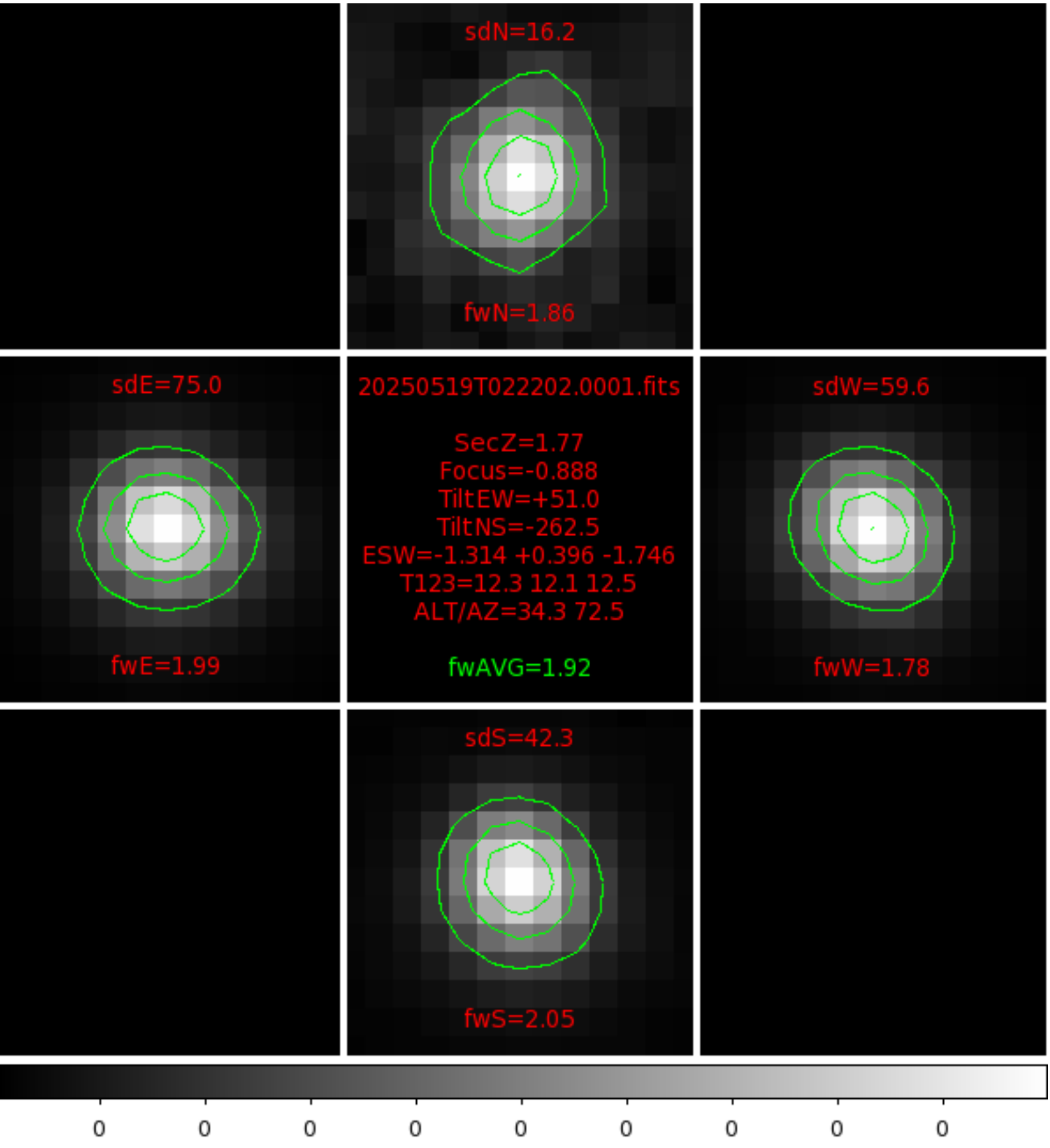
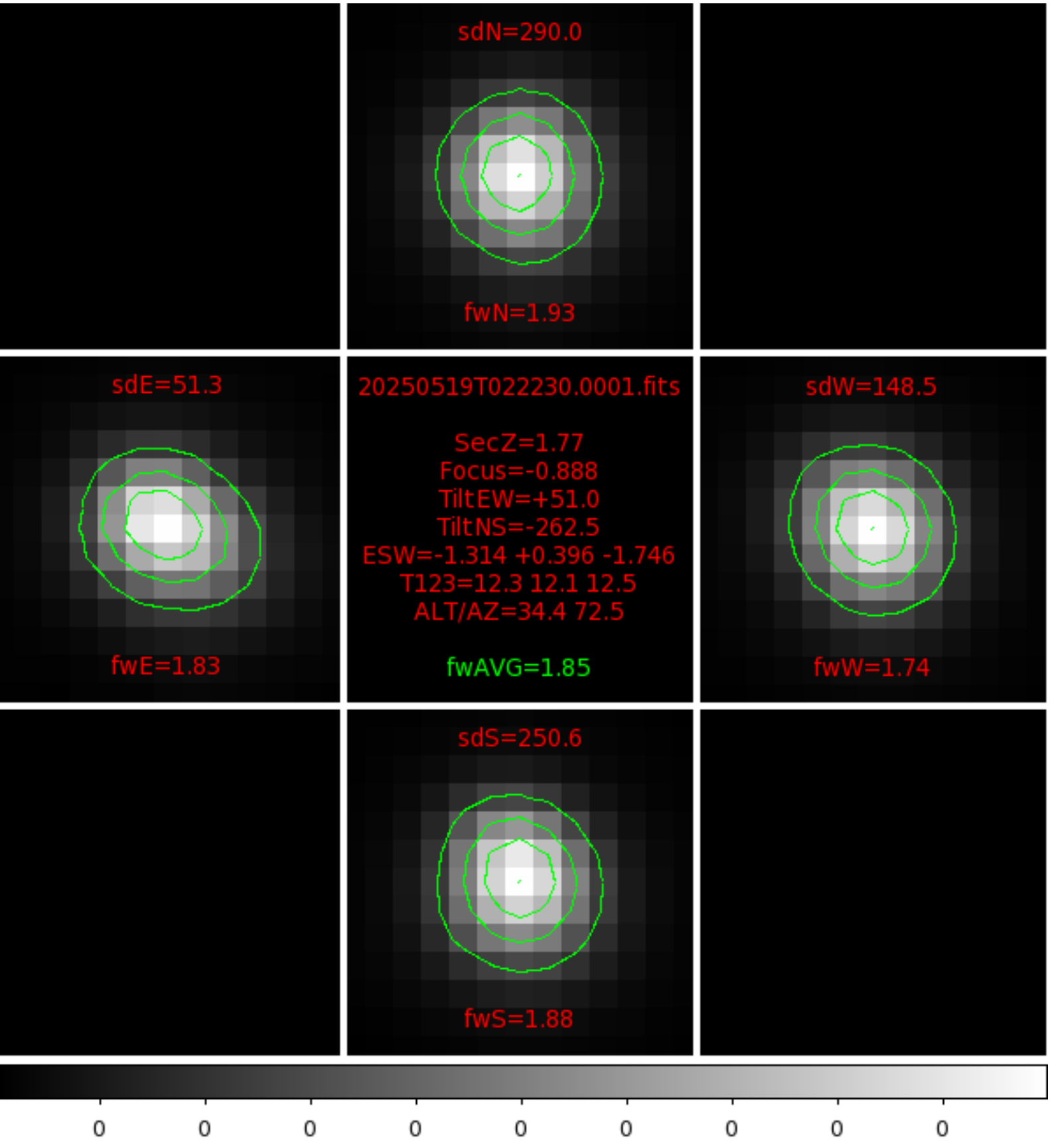
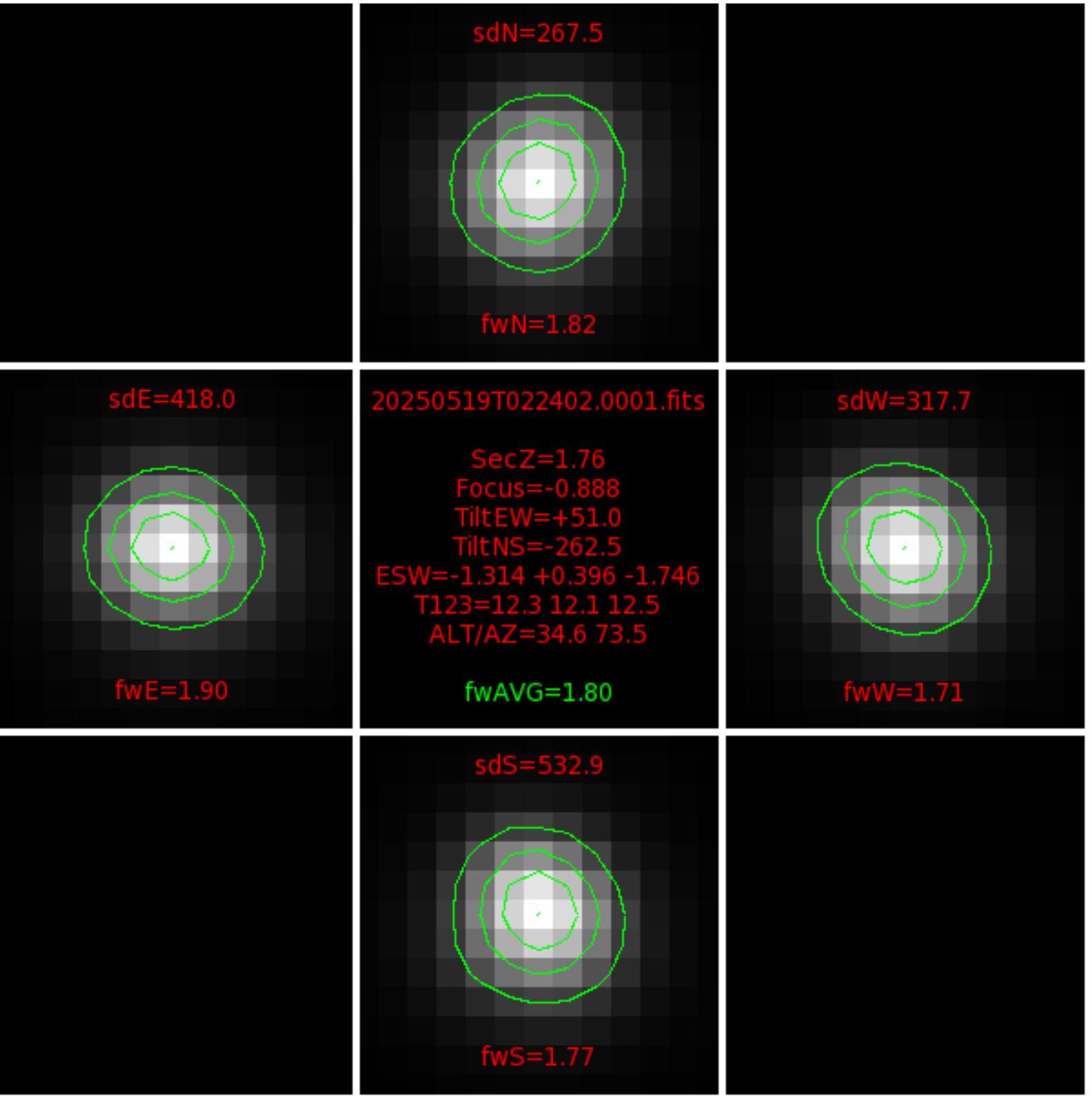

sdN=16.2
fwN=1.86
sdE=75.0
fwE=1.99
20250519T022202.0001.fits
SecZ=1.77
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.3 12.1 12.5
ALT/AZ=34.3 72.5
fwAVG=1.92
sdW=59.6
fwW=1.78
sdS=42.3
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=290.0
fwN=1.93
sdE=51.3
fwE=1.83
20250519T022230.0001.fits
SecZ=1.77
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.3 12.1 12.5
ALT/AZ=34.4 72.5
fwAVG=1.85
sdW=148.5
fwW=1.74
sdS=250.6
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=267.5
fwN=1.82
sdE=418.0
fwE=1.90
20250519T022402.0001.fits
SecZ=1.76
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.3 12.1 12.5
ALT/AZ=34.6 73.5
fwAVG=1.80
sdW=317.7
fwW=1.71
sdS=532.9
fwS=1.77
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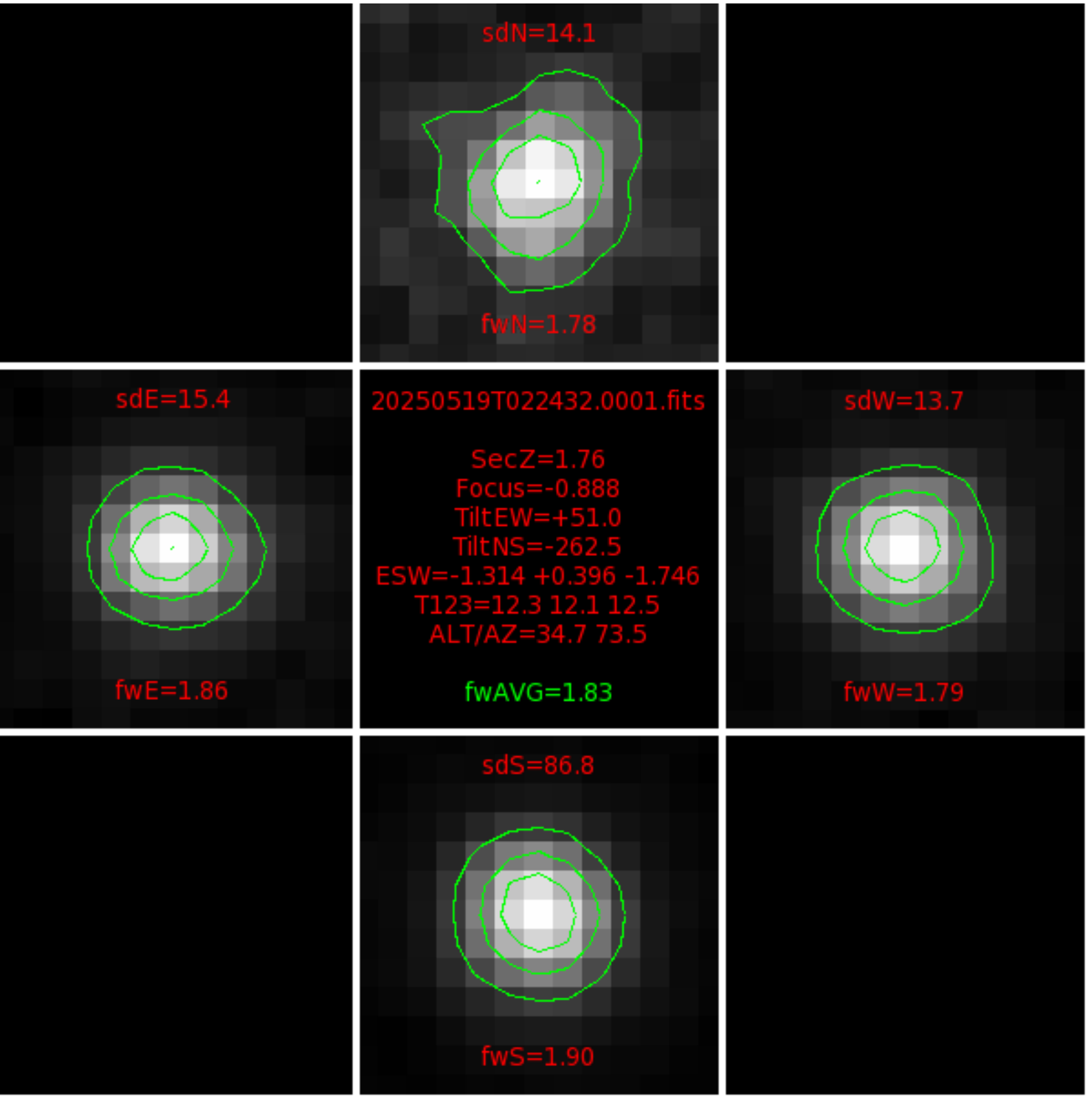
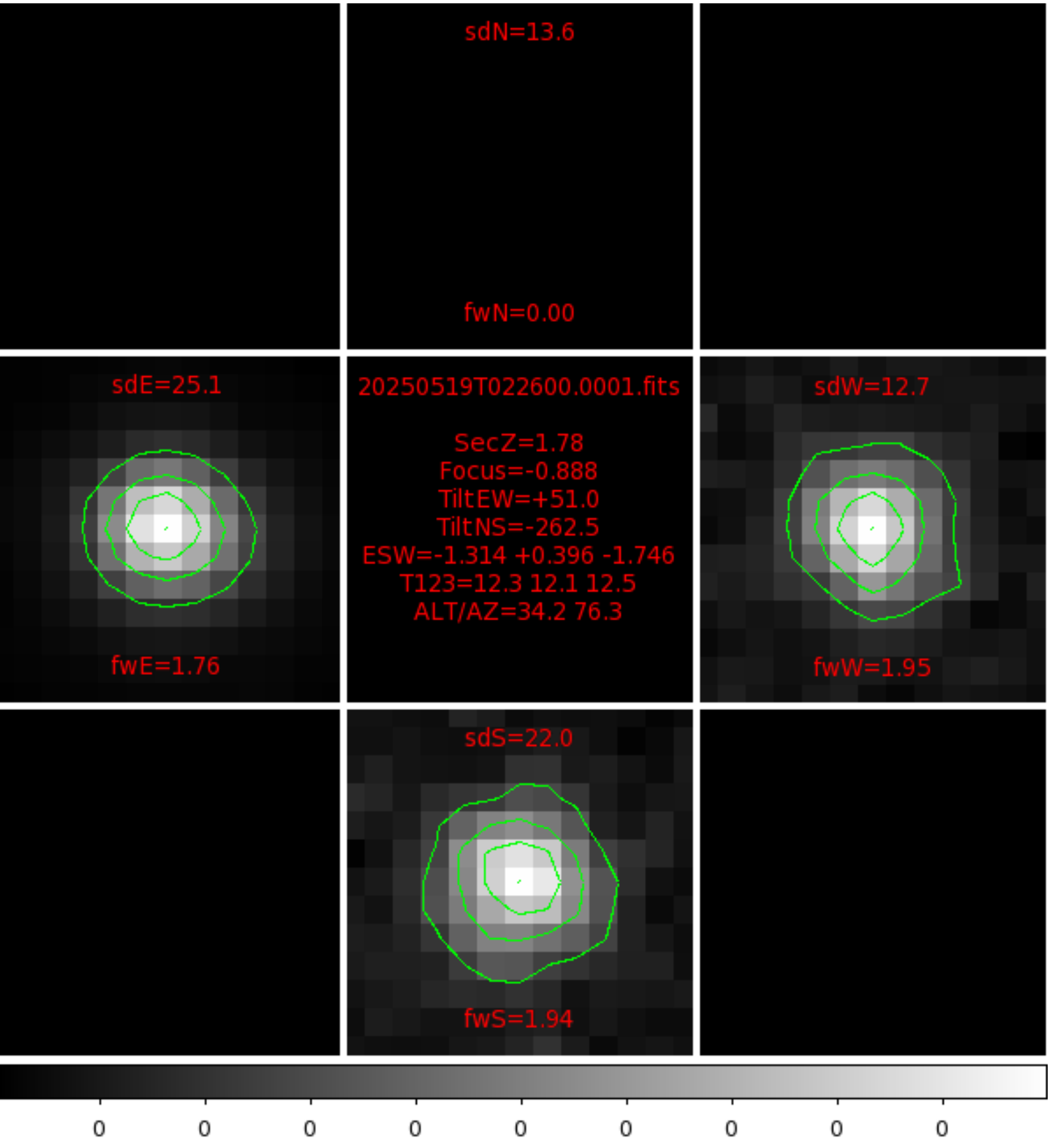

sdN=14.1
fwN=1.78
sdE=15.4
fwE=1.86
20250519T022432.0001.fits
SecZ=1.76
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.3 12.1 12.5
ALT/AZ=34.7 73.5
fwAVG=1.83
sdW=13.7
fwW=1.79
sdS=86.8
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=13.6
fwN=0.00
sdE=25.1
fwE=1.76
20250519T022600.0001.fits
SecZ=1.78
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.3 12.1 12.5
ALT/AZ=34.2 76.3
sdW=12.7
fwW=1.95
sdS=22.0
fwS=1.94
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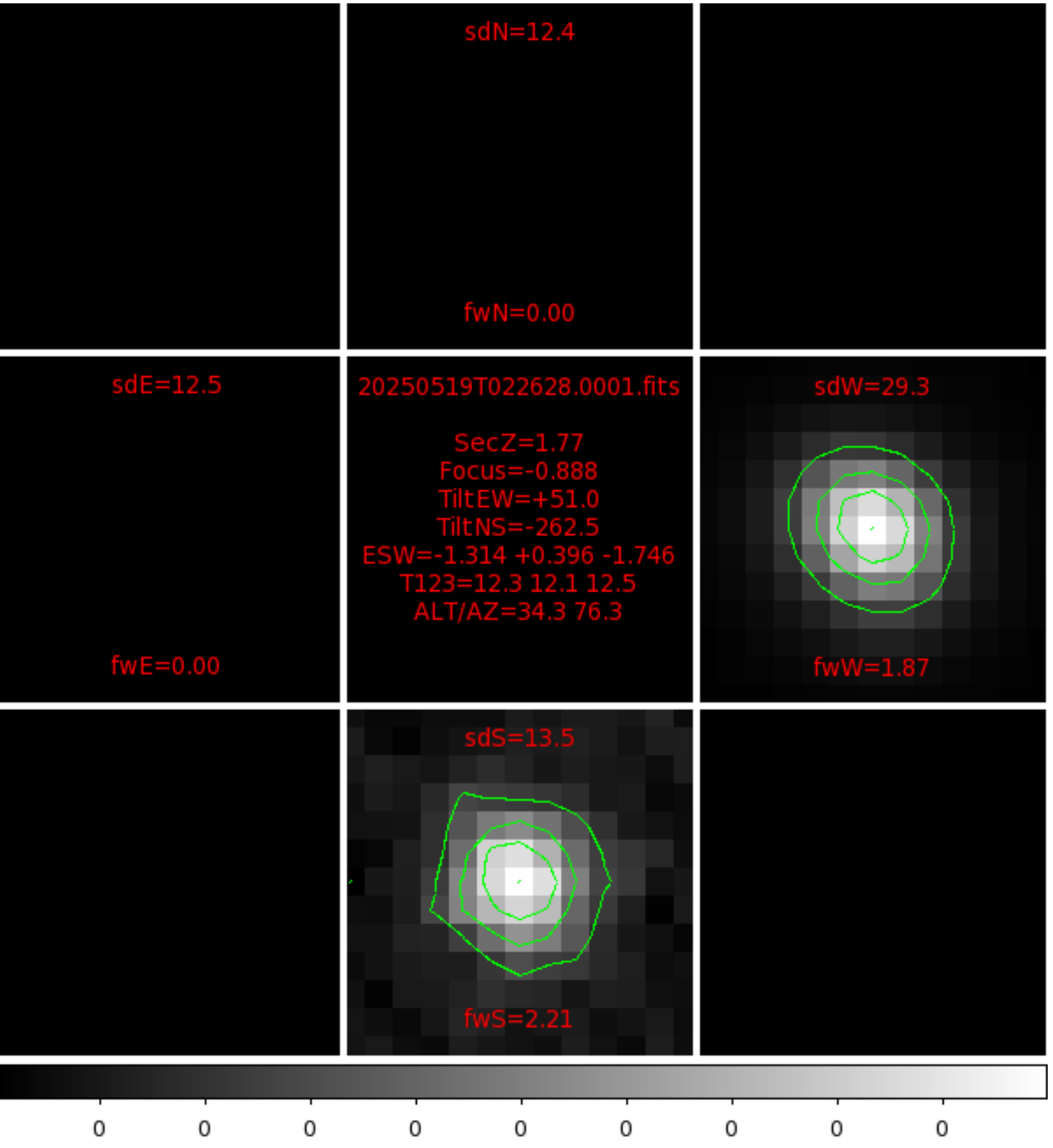
sdN=12.4
fwN=0.00
sdE=12.5
fwE=0.00
20250519T022628.0001.fits
SecZ=1.77
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.3 12.1 12.5
ALT/AZ=34.3 76.3
sdW=29.3
fwW=1.87
sdS=13.5
fwS=2.21
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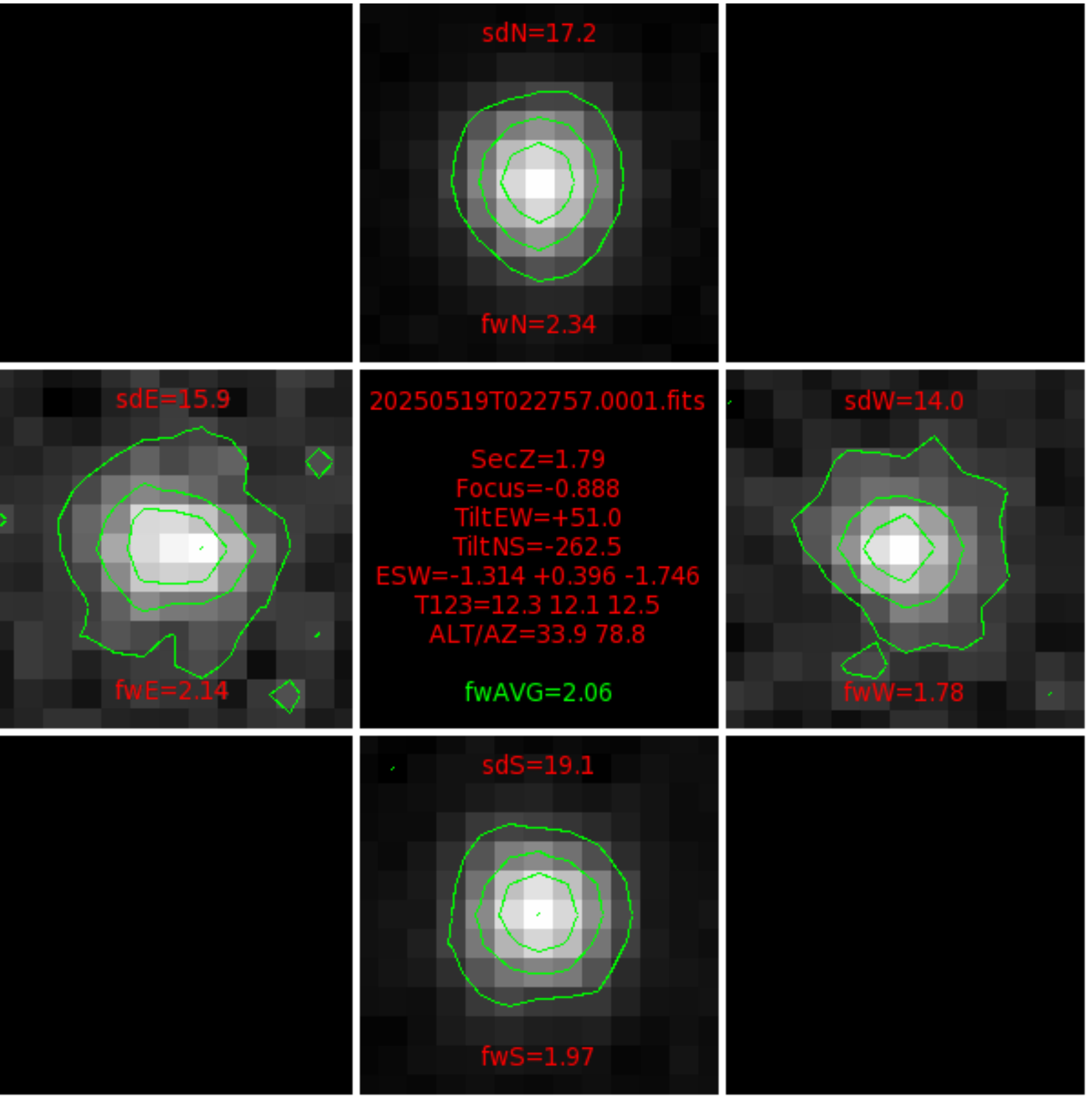
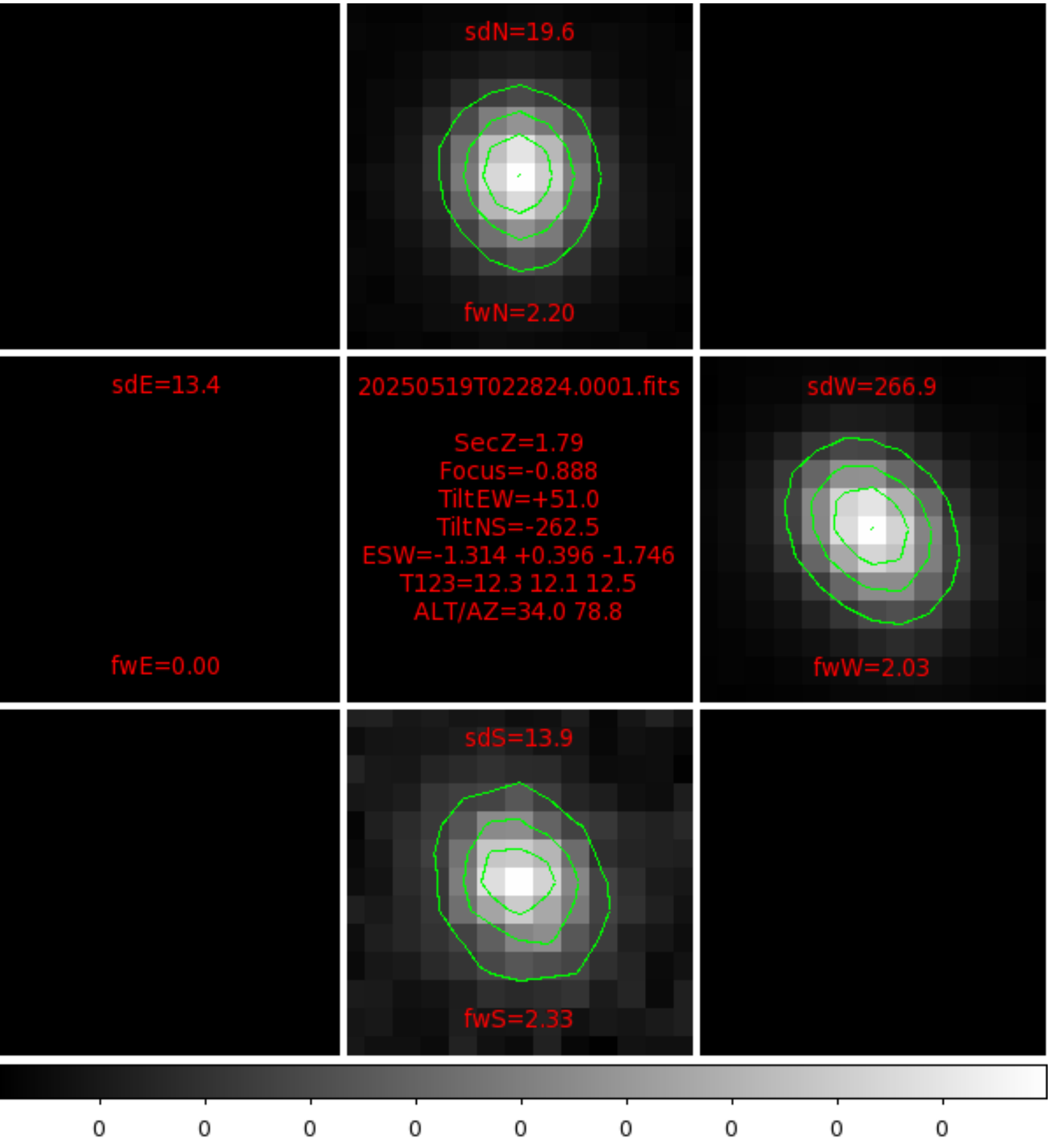

sdN=17.2
fwN=2.34
sdE=15.9
fwE=2.14
20250519T022757.0001.fits
SecZ=1.79
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.3 12.1 12.5
ALT/AZ=33.9 78.8
fwAVG=2.06
sdW=14.0
fwW=1.78
sdS=19.1
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=19.6
fwN=2.20
sdE=13.4
fwE=0.00
20250519T022824.0001.fits
SecZ=1.79
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.3 12.1 12.5
ALT/AZ=34.0 78.8
sdW=266.9
fwW=2.03
sdS=13.9
fwS=2.33
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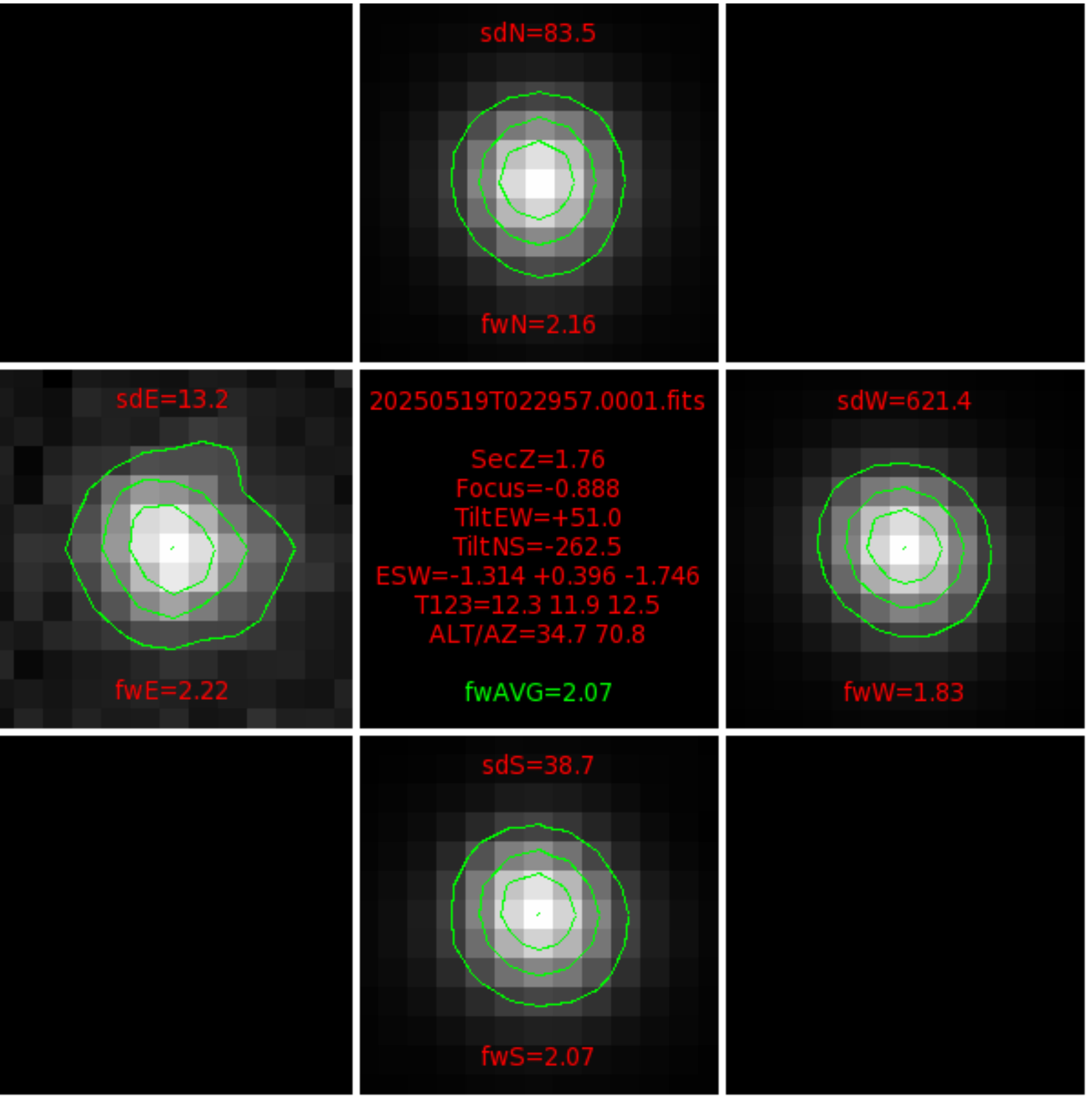
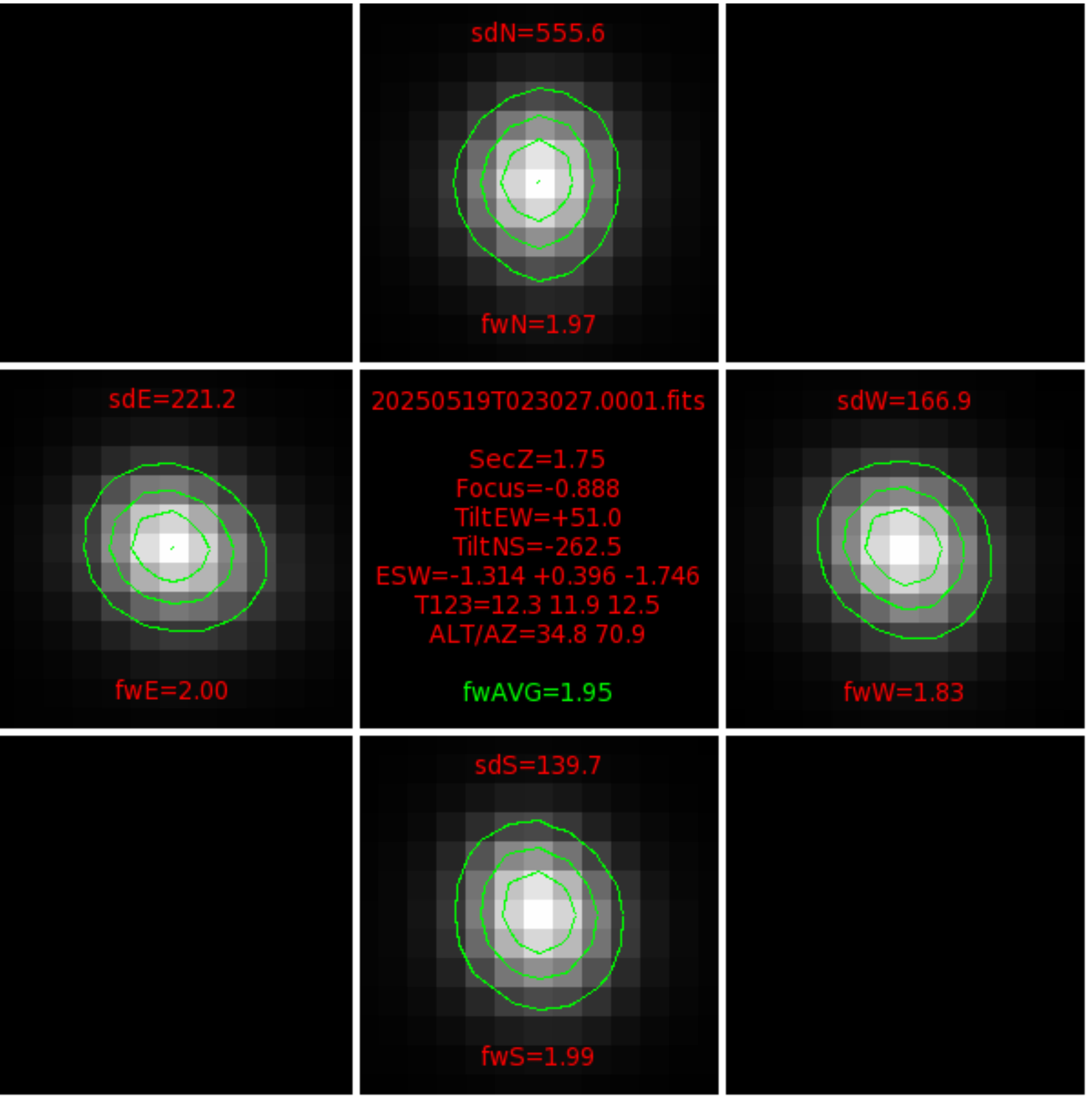
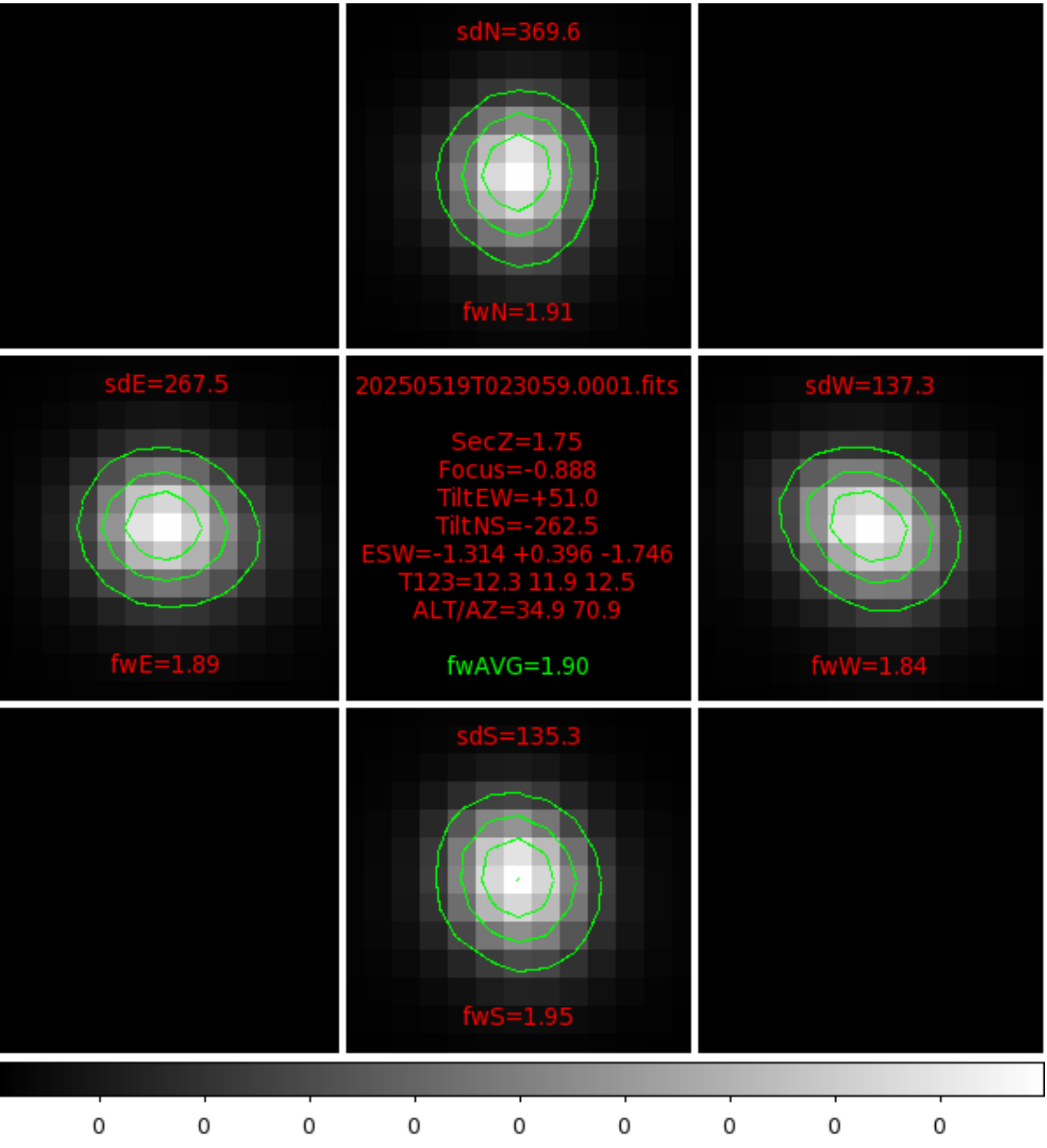
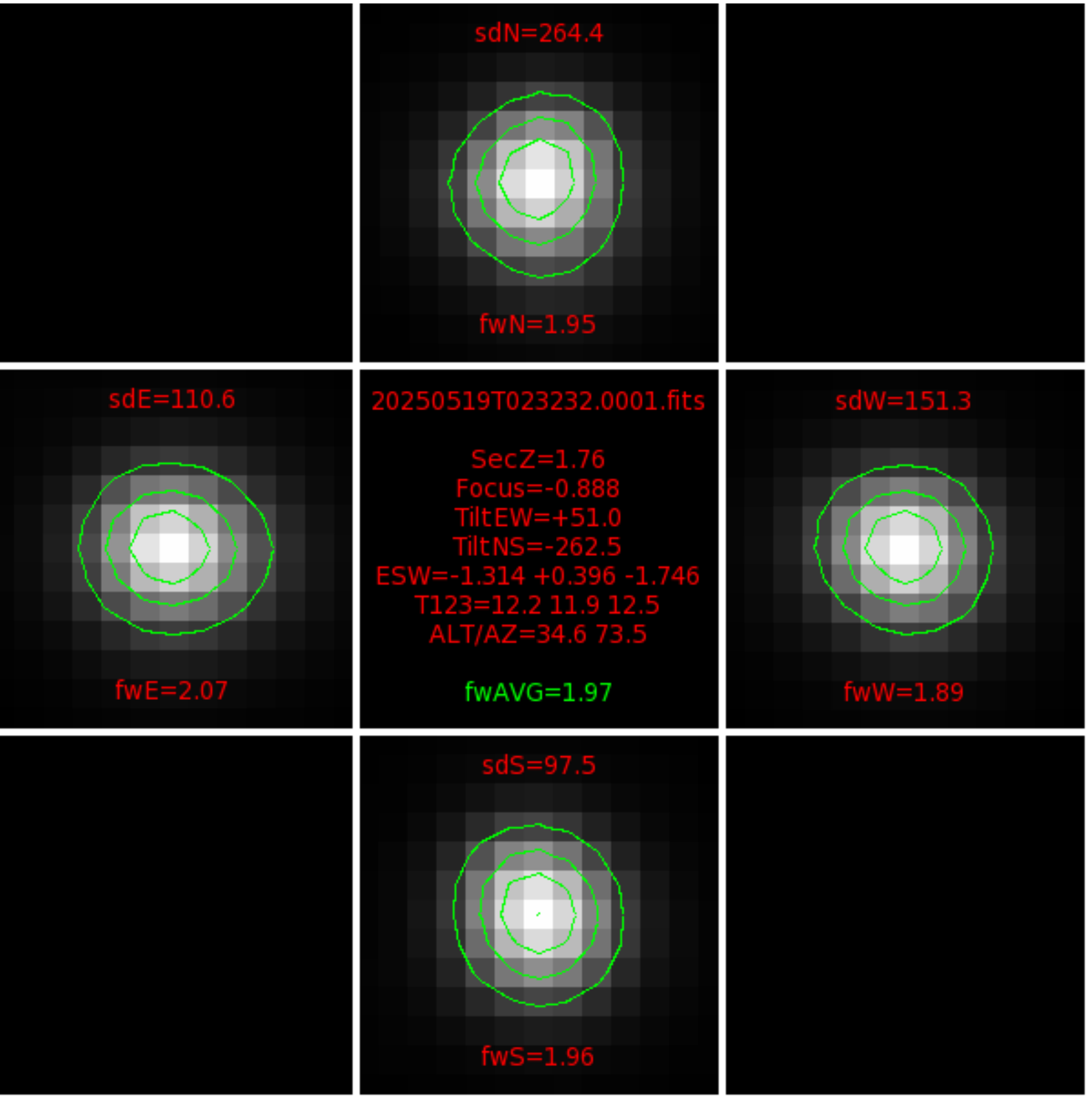
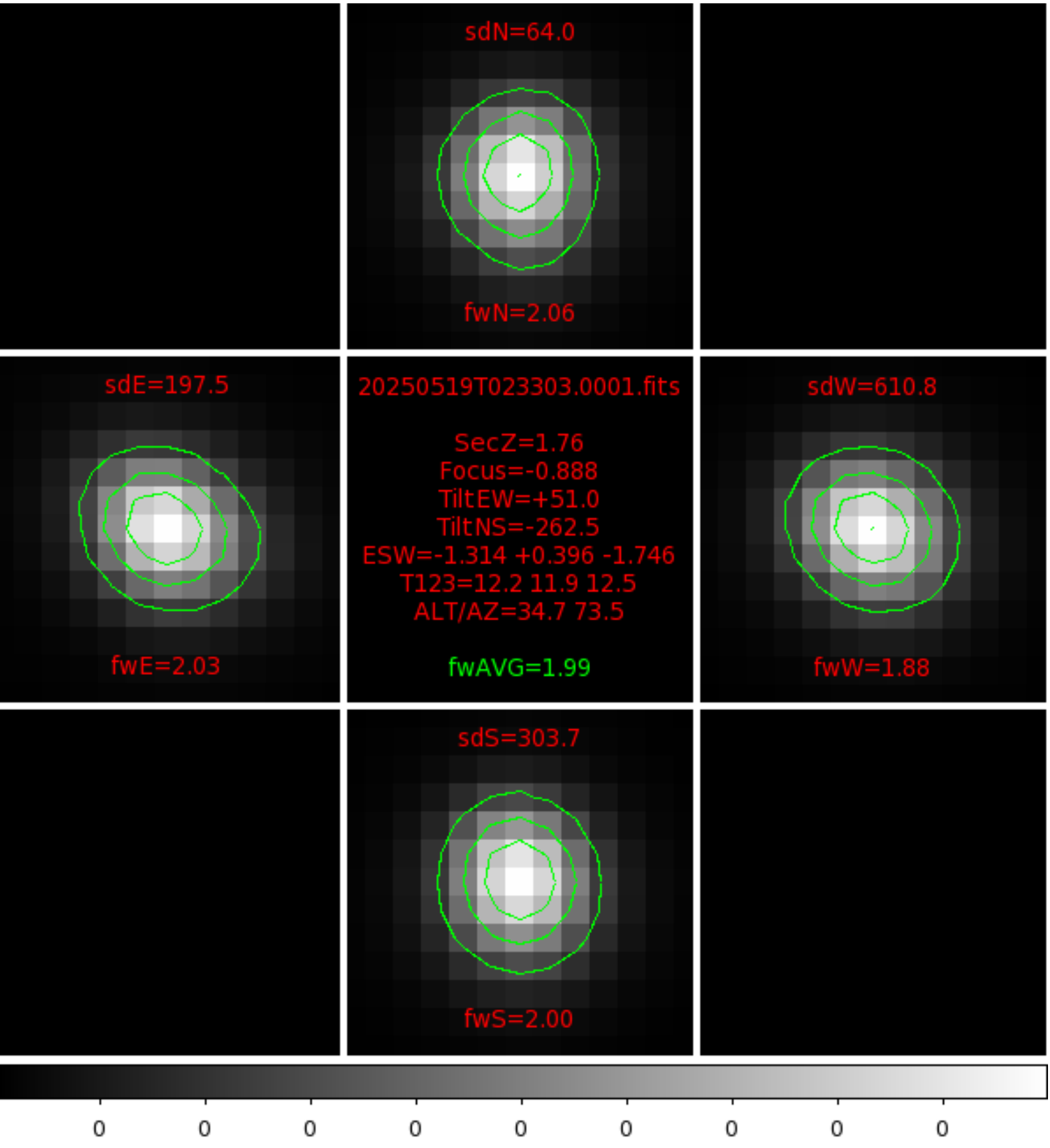

sdN=83.5
fwN=2.16
sdE=13.2
fwE=2.22
20250519T022957.0001.fits
SecZ=1.76
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.3 11.9 12.5
ALT/AZ=34.7 70.8
fwAVG=2.07
sdW=621.4
fwW=1.83
sdS=38.7
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=555.6
fwN=1.97
sdE=221.2
fwE=2.00
20250519T023027.0001.fits
SecZ=1.75
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.3 11.9 12.5
ALT/AZ=34.8 70.9
fwAVG=1.95
sdW=166.9
fwW=1.83
sdS=139.7
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=369.6
fwN=1.91
sdE=267.5
fwE=1.89
20250519T023059.0001.fits
SecZ=1.75
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.3 11.9 12.5
ALT/AZ=34.9 70.9
fwAVG=1.90
sdW=137.3
fwW=1.84
sdS=135.3
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=264.4
fwN=1.95
sdE=110.6
fwE=2.07
20250519T023232.0001.fits
SecZ=1.76
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.2 11.9 12.5
ALT/AZ=34.6 73.5
fwAVG=1.97
sdW=151.3
fwW=1.89
sdS=97.5
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=64.0
fwN=2.06
sdE=197.5
fwE=2.03
20250519T023303.0001.fits
SecZ=1.76
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.2 11.9 12.5
ALT/AZ=34.7 73.5
fwAVG=1.99
sdW=610.8
fwW=1.88
sdS=303.7
fwS=2.00
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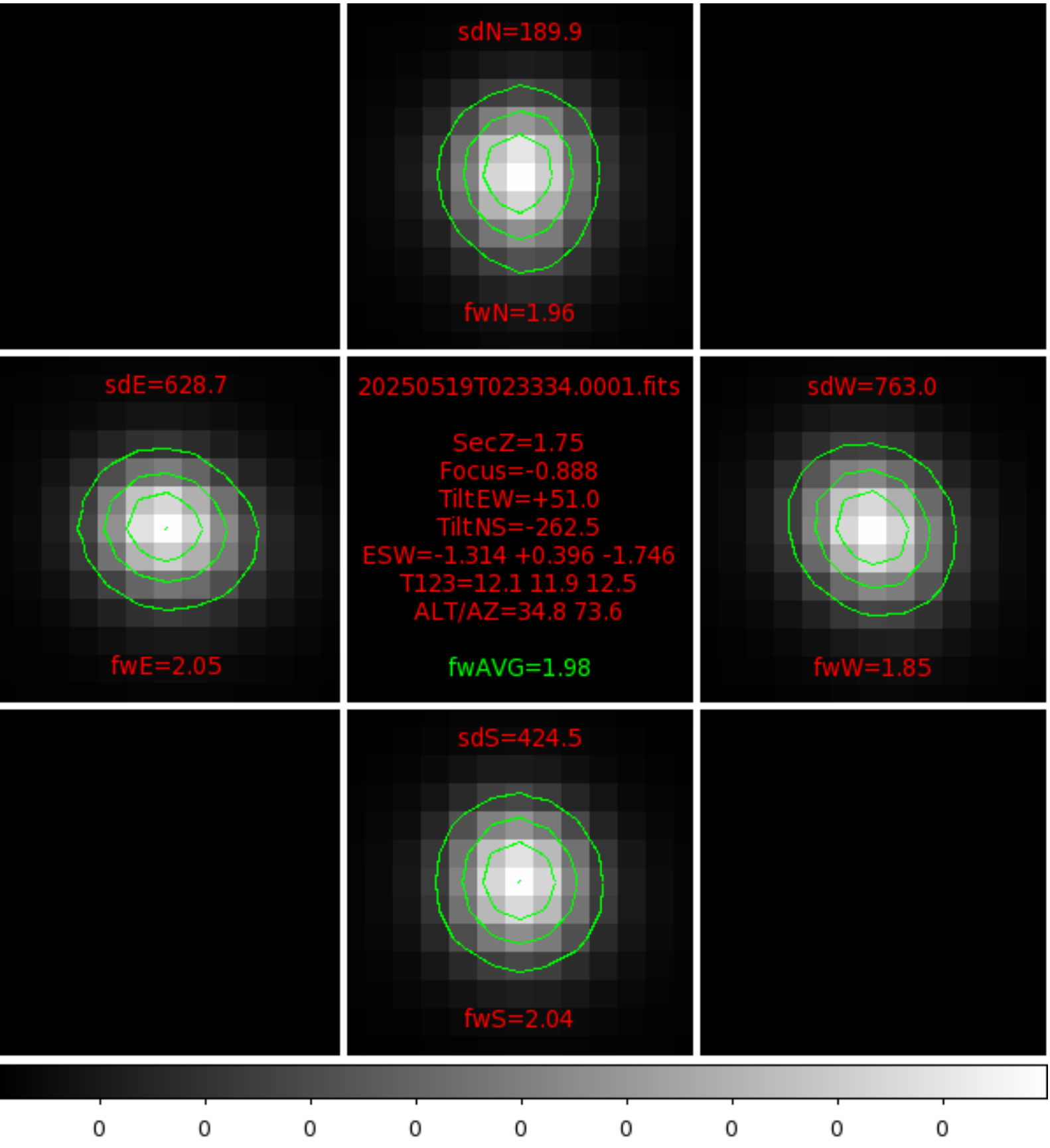
sdN=189.9
fwN=1.96
sdE=628.7
fwE=2.05
20250519T023334.0001.fits
SecZ=1.75
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.1 11.9 12.5
ALT/AZ=34.8 73.6
fwAVG=1.98
sdW=763.0
fwW=1.85
sdS=424.5
fwS=2.04
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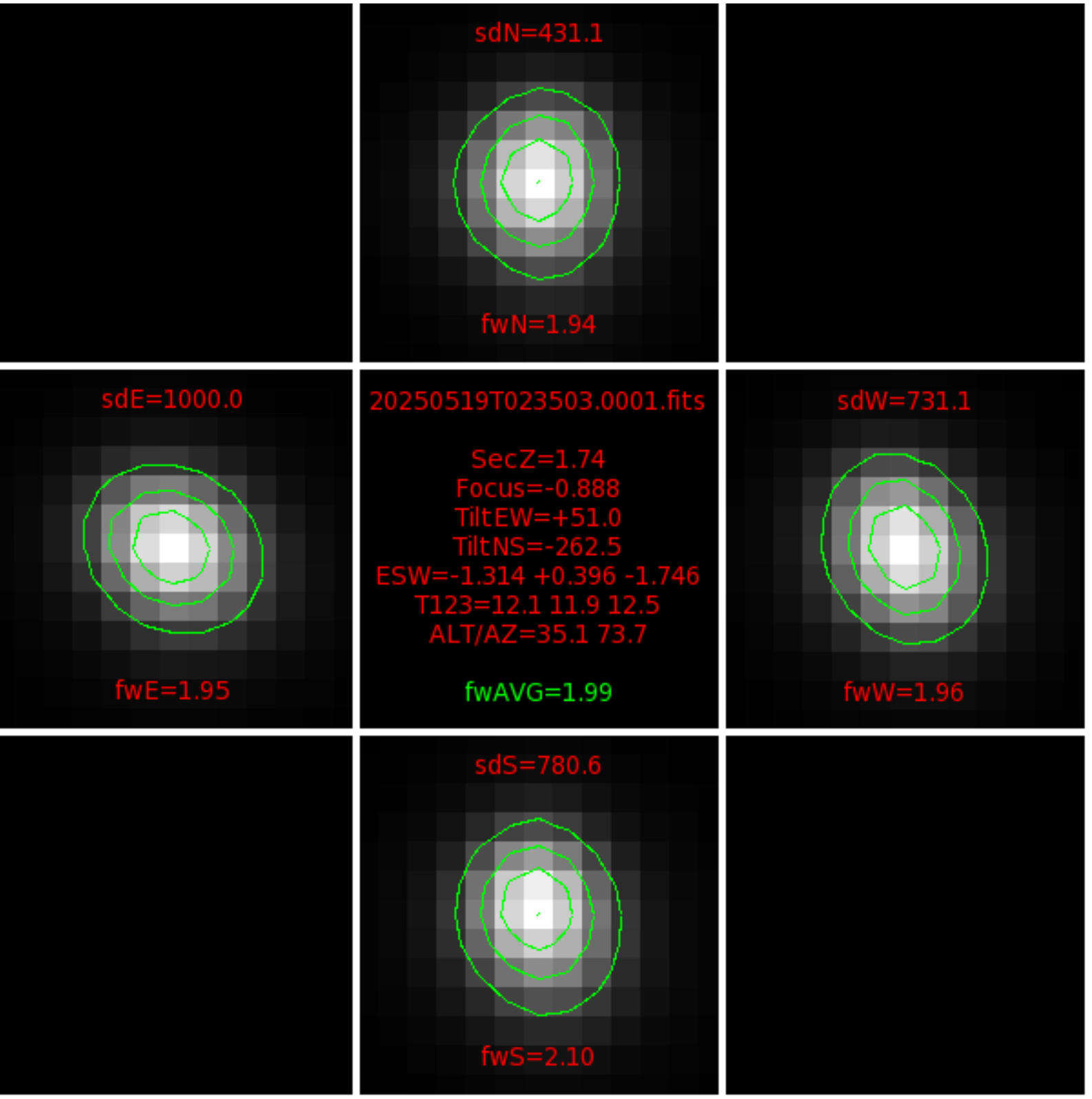
sdN=431.1
fwN=1.94
sdE=1000.0
fwE=1.95
20250519T023503.0001.fits
SecZ=1.74
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.1 11.9 12.5
ALT/AZ=35.1 73.7
fwAVG=1.99
sdW=731.1
fwW=1.96
sdS=780.6
fwS=2.10
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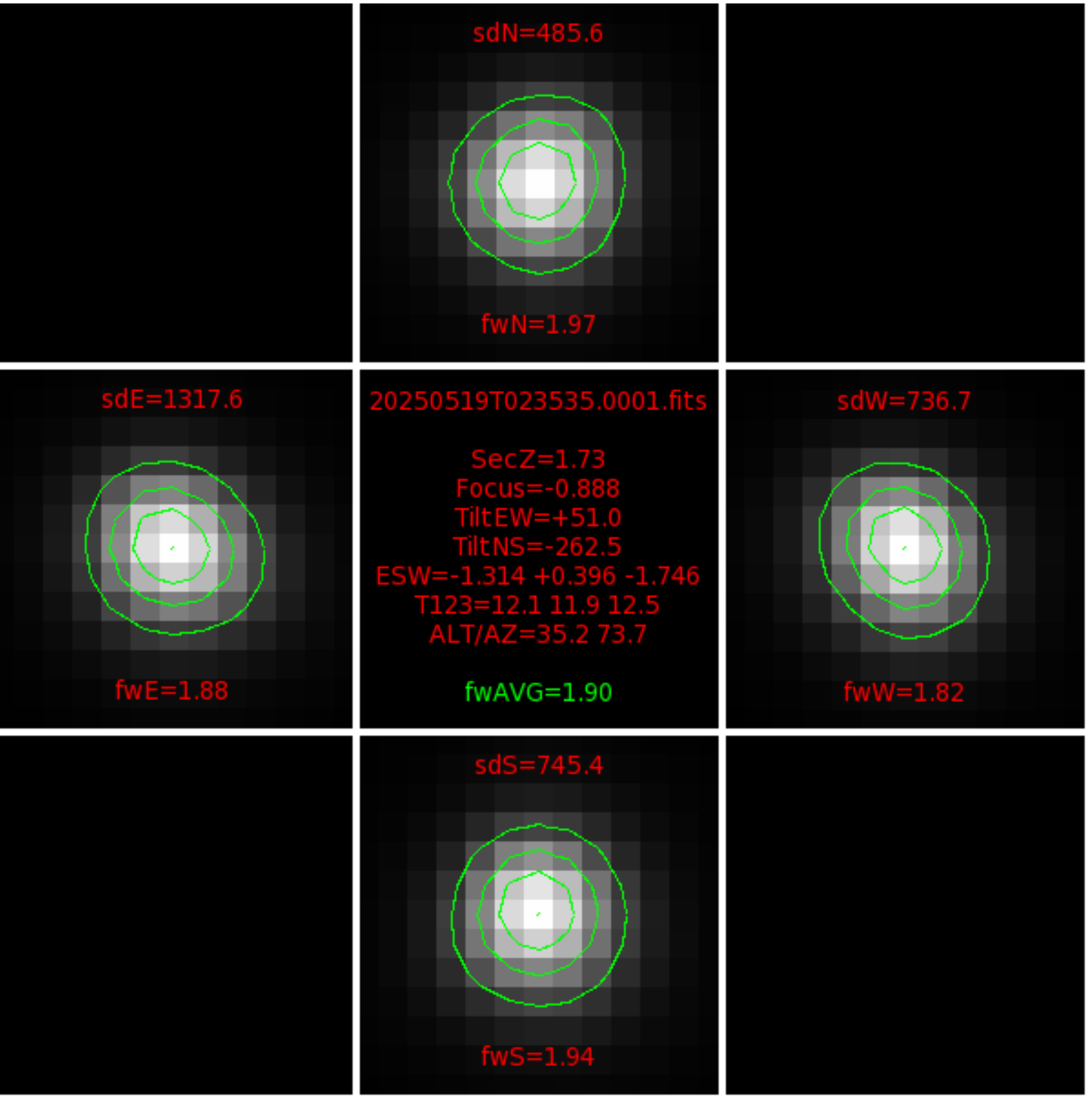
sdN=485.6
fwN=1.97
sdE=1317.6
fwE=1.88
20250519T023535.0001.fits
SecZ=1.73
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.1 11.9 12.5
ALT/AZ=35.2 73.7
fwAVG=1.90
sdW=736.7
fwW=1.82
sdS=745.4
fwS=1.94
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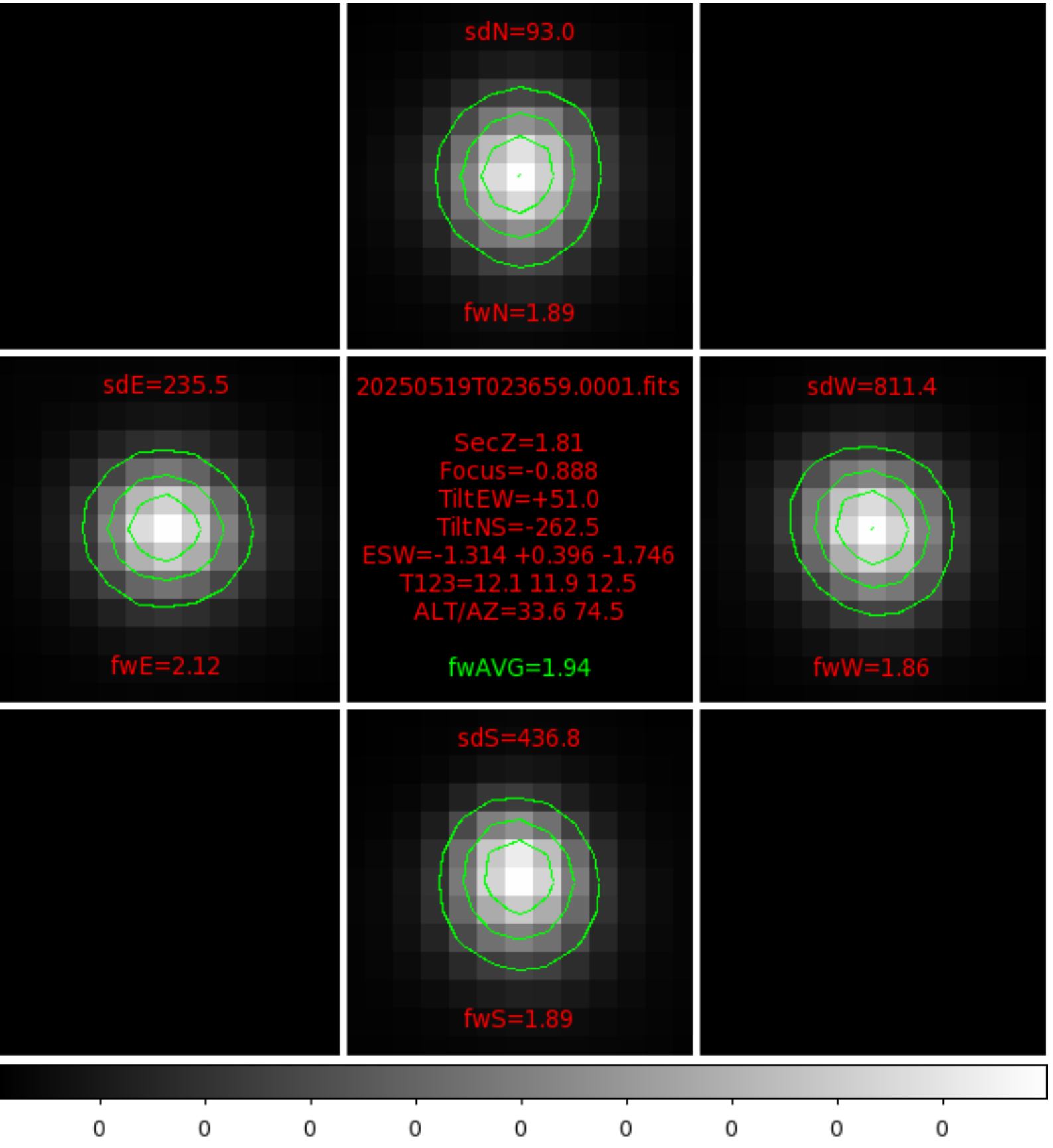
sdN=93.0
fwN=1.89
sdE=235.5
fwE=2.12
20250519T023659.0001.fits
SecZ=1.81
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.1 11.9 12.5
ALT/AZ=33.6 74.5
fwAVG=1.94
sdW=811.4
fwW=1.86
sdS=436.8
fwS=1.89
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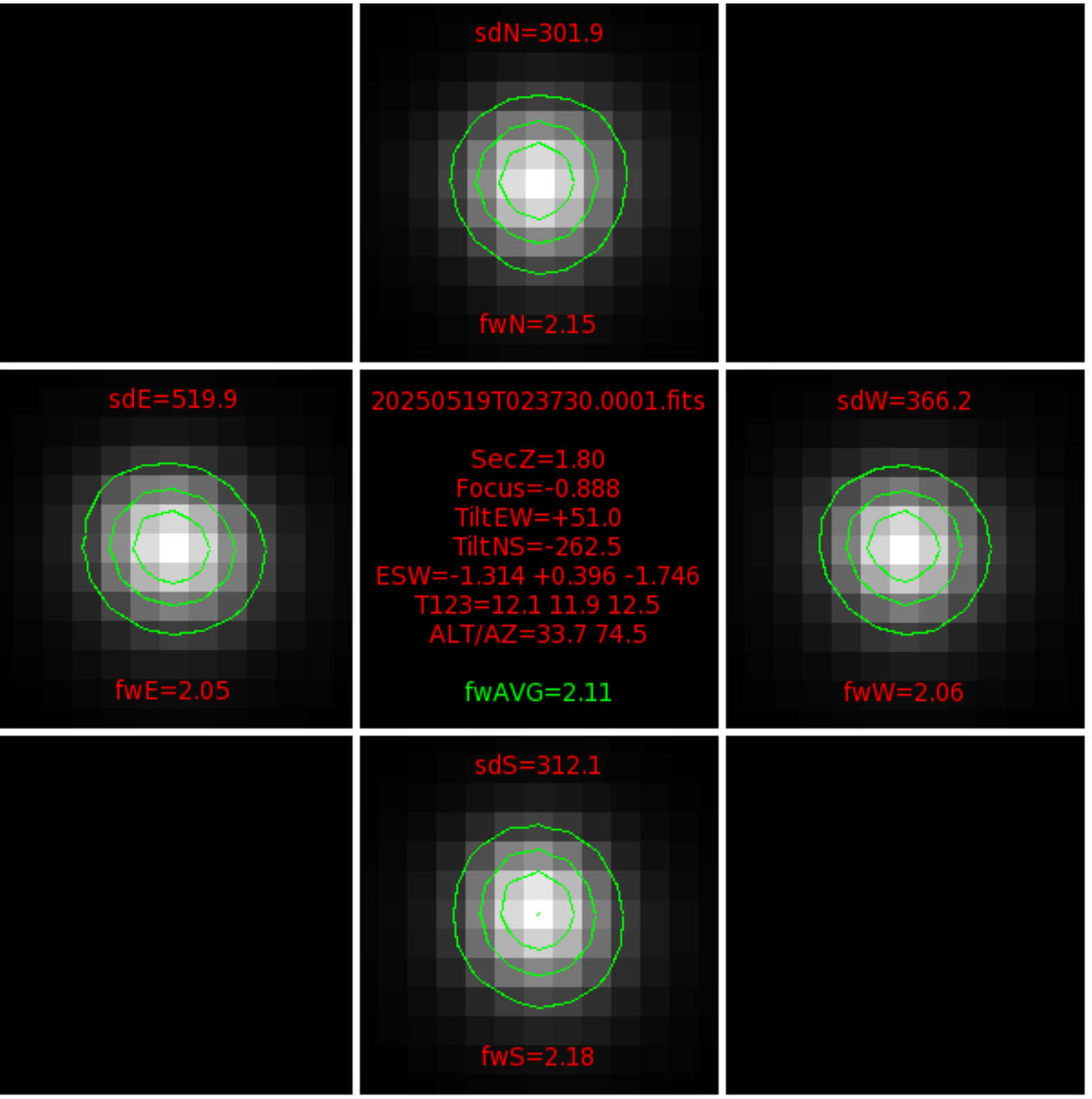
sdN=301.9
fwN=2.15
sdE=519.9
fwE=2.05
20250519T023730.0001.fits
SecZ=1.80
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.1 11.9 12.5
ALT/AZ=33.7 74.5
fwAVG=2.11
sdW=366.2
fwW=2.06
sdS=312.1
fwS=2.18
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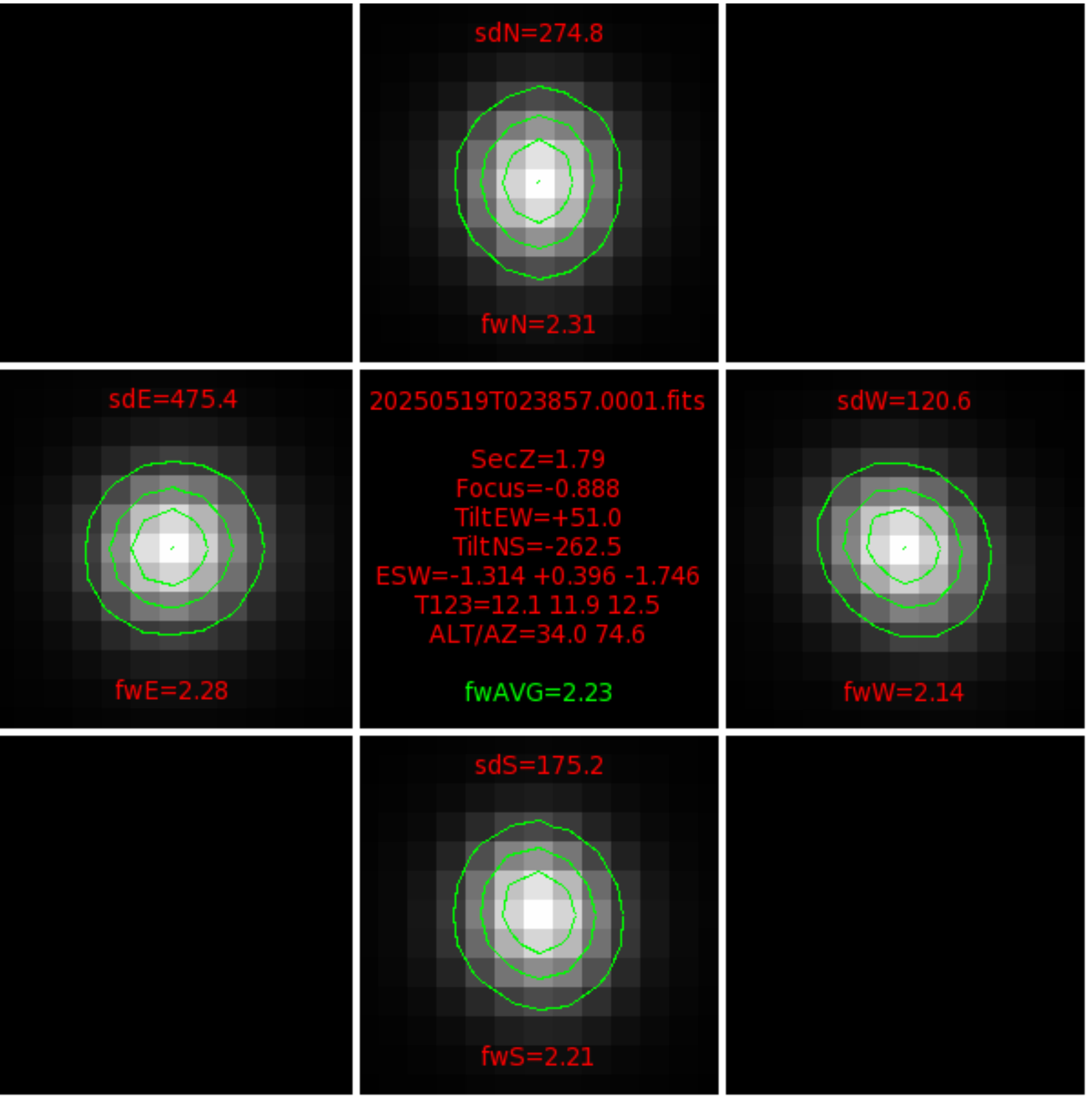
sdN=274.8
fwN=2.31
sdE=475.4
fwE=2.28
20250519T023857.0001.fits
SecZ=1.79
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.1 11.9 12.5
ALT/AZ=34.0 74.6
fwAVG=2.23
sdW=120.6
fwW=2.14
sdS=175.2
fwS=2.21
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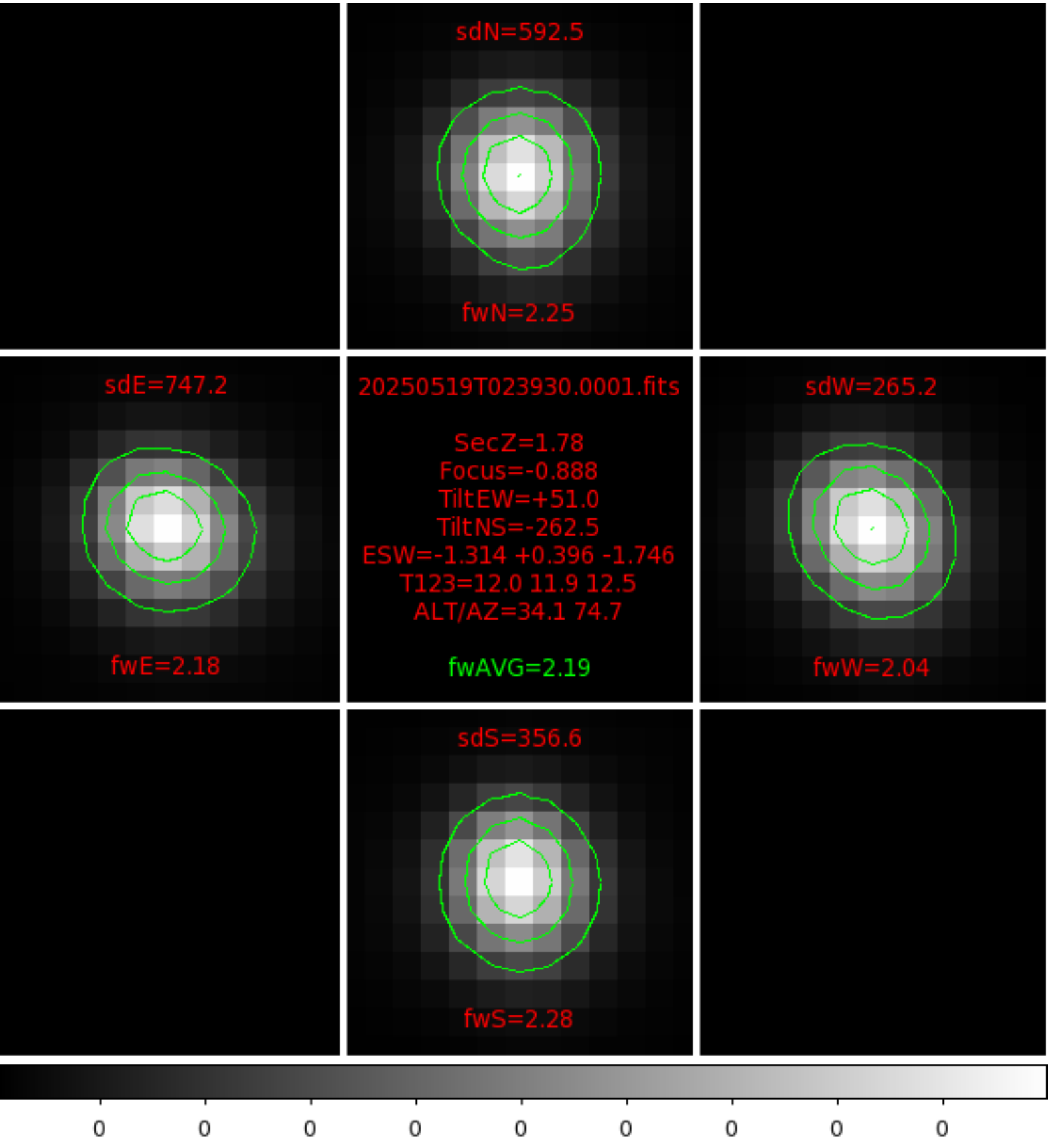
sdN=592.5
fwN=2.25
sdE=747.2
fwE=2.18
20250519T023930.0001.fits
SecZ=1.78
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.0 11.9 12.5
ALT/AZ=34.1 74.7
fwAVG=2.19
sdW=265.2
fwW=2.04
sdS=356.6
fwS=2.28
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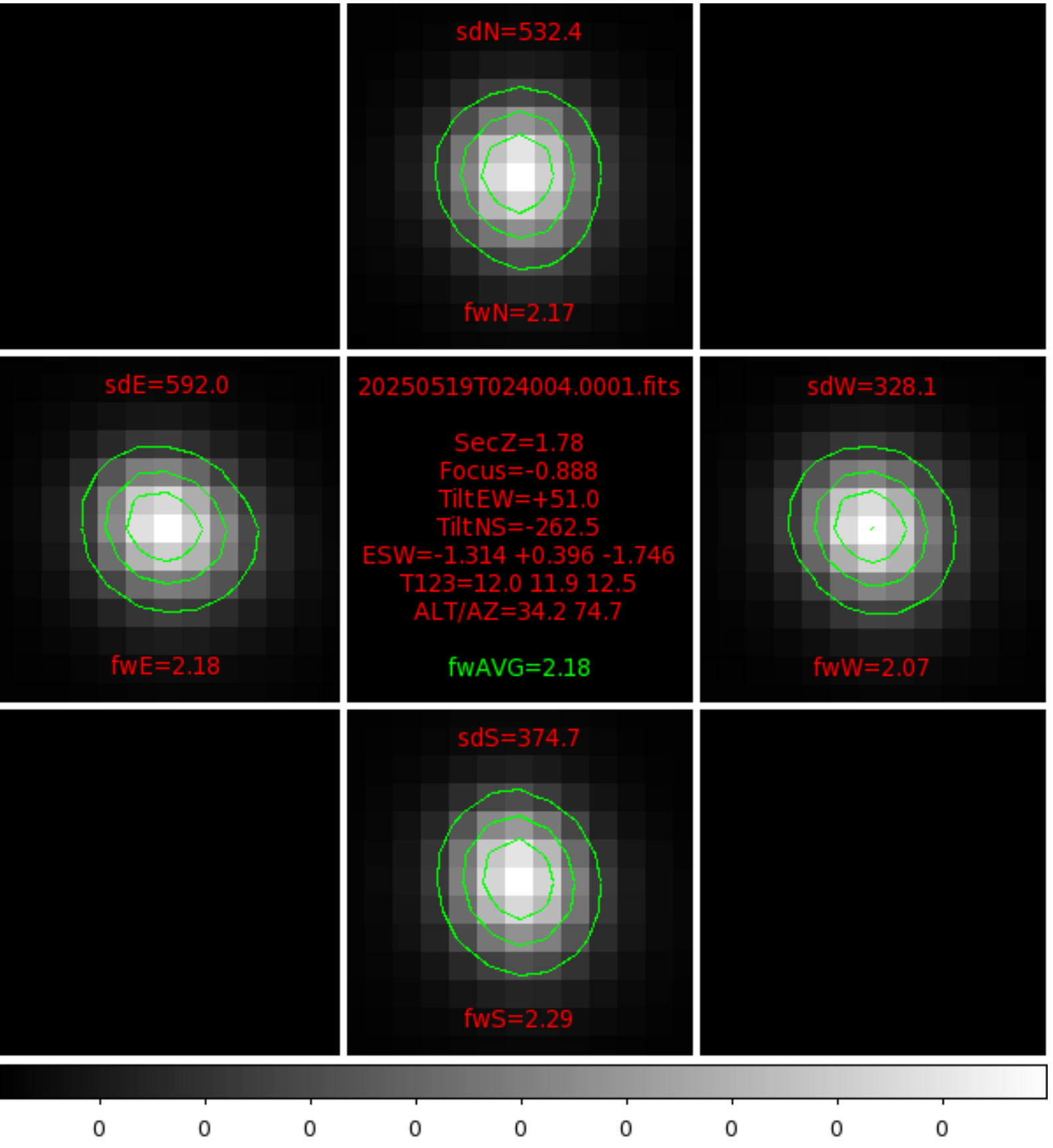
sdN=532.4
fwN=2.17
sdE=592.0
fwE=2.18
20250519T024004.0001.fits
SecZ=1.78
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.0 11.9 12.5
ALT/AZ=34.2 74.7
fwAVG=2.18
sdW=328.1
fwW=2.07
sdS=374.7
fwS=2.29
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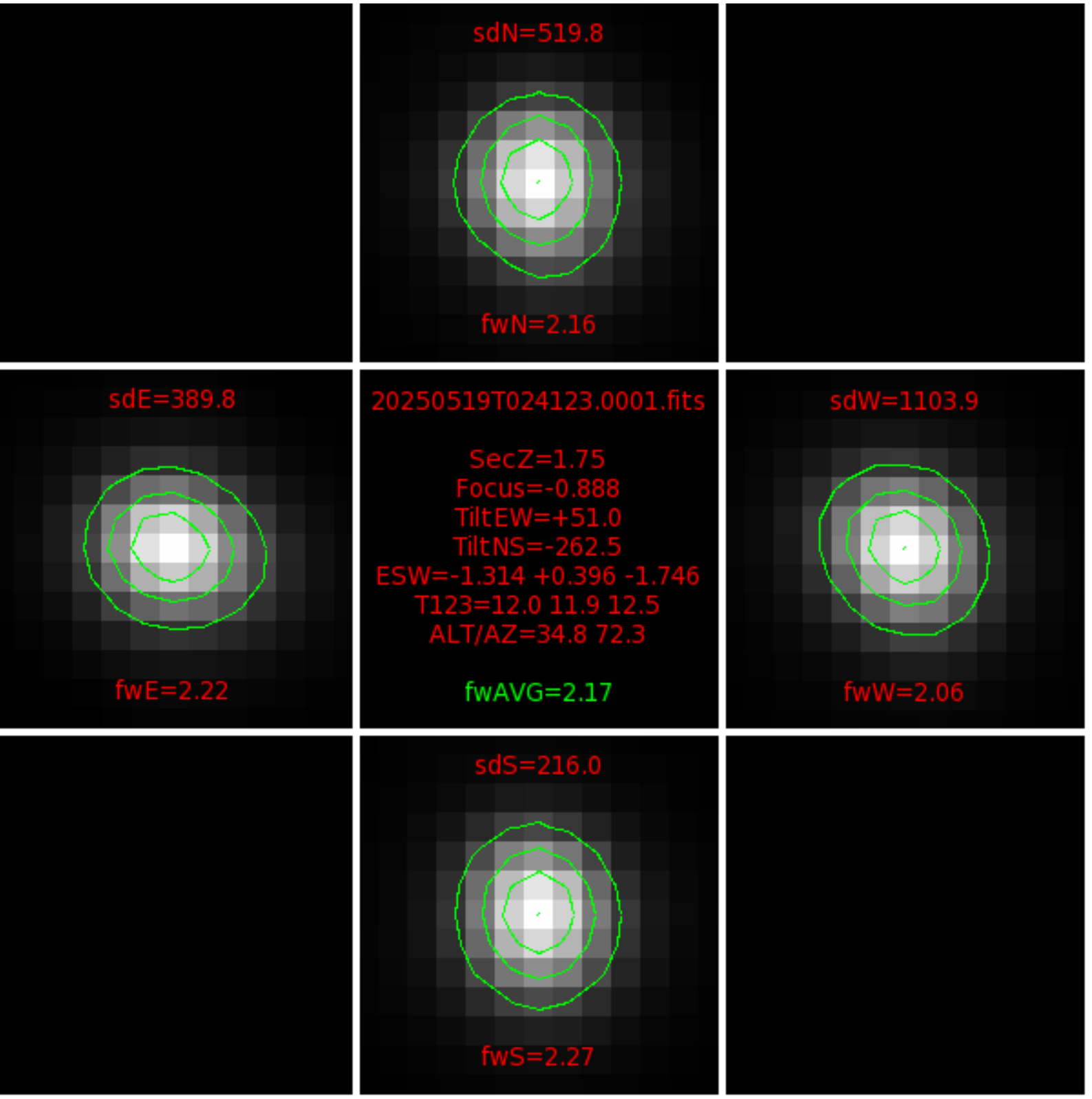
sdN=519.8
fwN=2.16
sdE=389.8
fwE=2.22
20250519T024123.0001.fits
SecZ=1.75
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.0 11.9 12.5
ALT/AZ=34.8 72.3
fwAVG=2.17
sdW=1103.9
fwW=2.06
sdS=216.0
fwS=2.27
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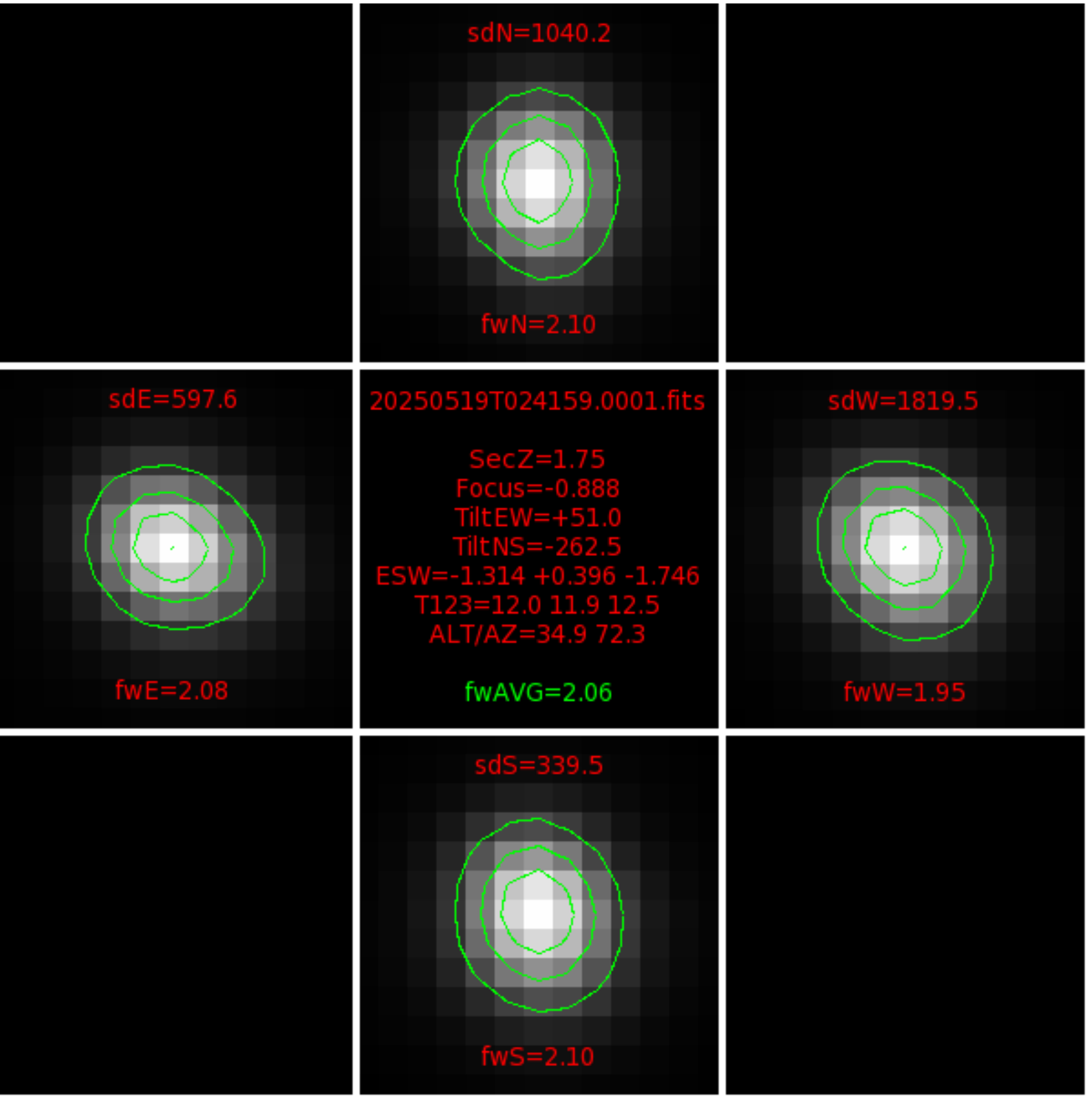
sdN=1040.2
fwN=2.10
sdE=597.6
fwE=2.08
20250519T024159.0001.fits
SecZ=1.75
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=12.0 11.9 12.5
ALT/AZ=34.9 72.3
fwAVG=2.06
sdW=1819.5
fwW=1.95
sdS=339.5
fwS=2.10
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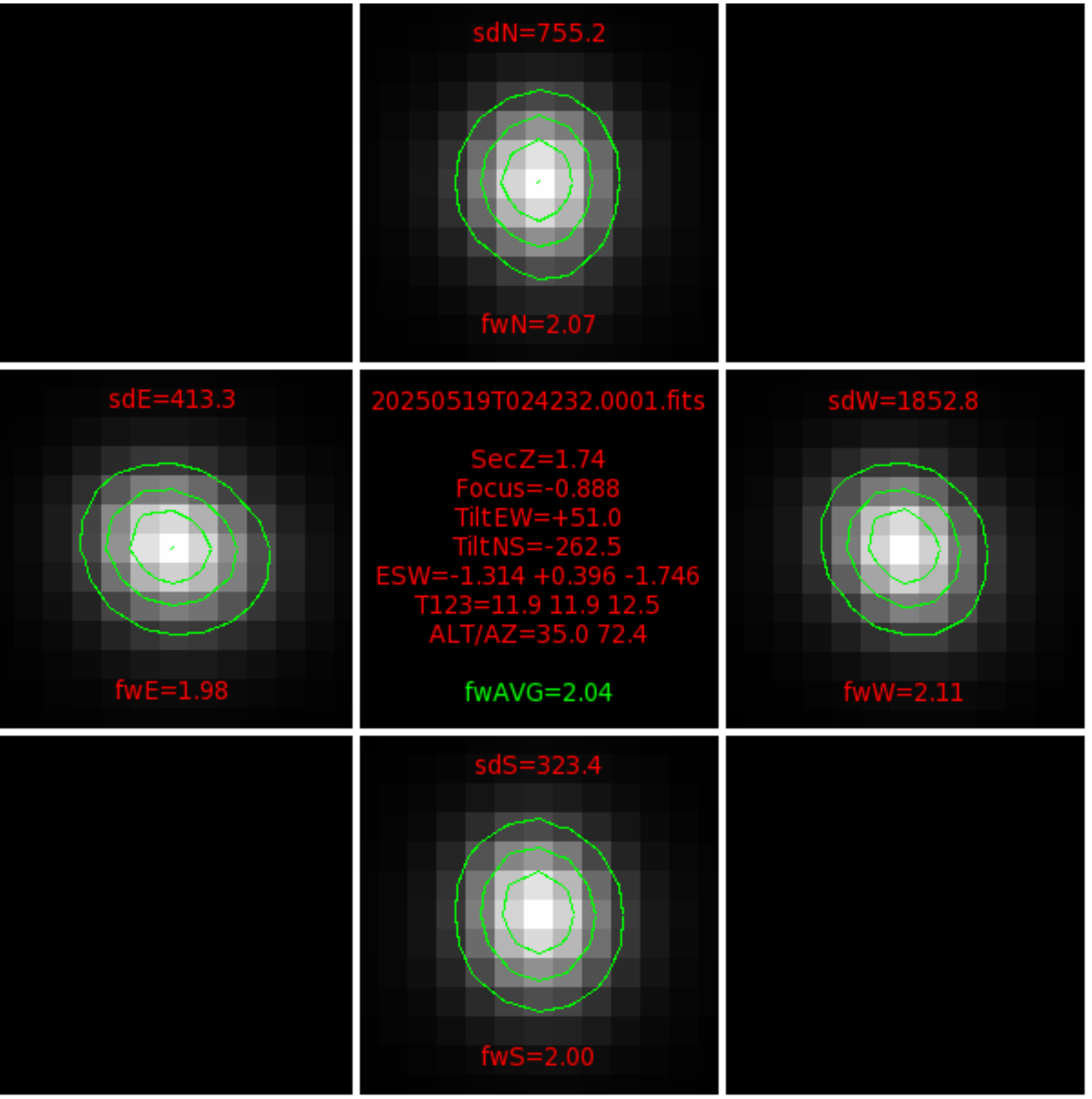
sdN=755.2
fwN=2.07
sdE=413.3
fwE=1.98
20250519T024232.0001.fits
SecZ=1.74
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.9 11.9 12.5
ALT/AZ=35.0 72.4
fwAVG=2.04
sdW=1852.8
fwW=2.11
sdS=323.4
fwS=2.00
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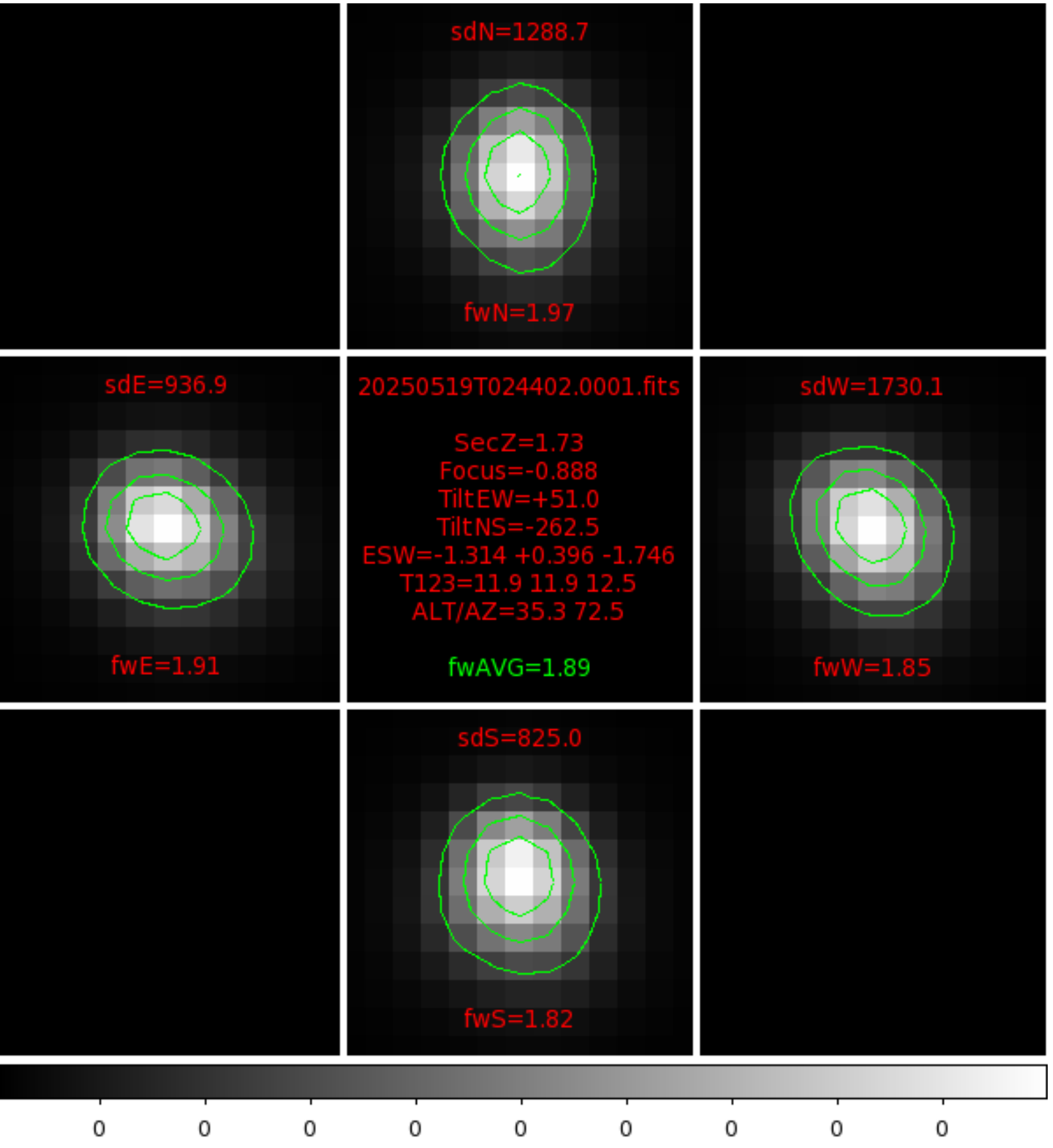
sdN=1288.7
fwN=1.97
sdE=936.9
fwE=1.91
20250519T024402.0001.fits
SecZ=1.73
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.9 11.9 12.5
ALT/AZ=35.3 72.5
fwAVG=1.89
sdW=1730.1
fwW=1.85
sdS=825.0
fwS=1.82
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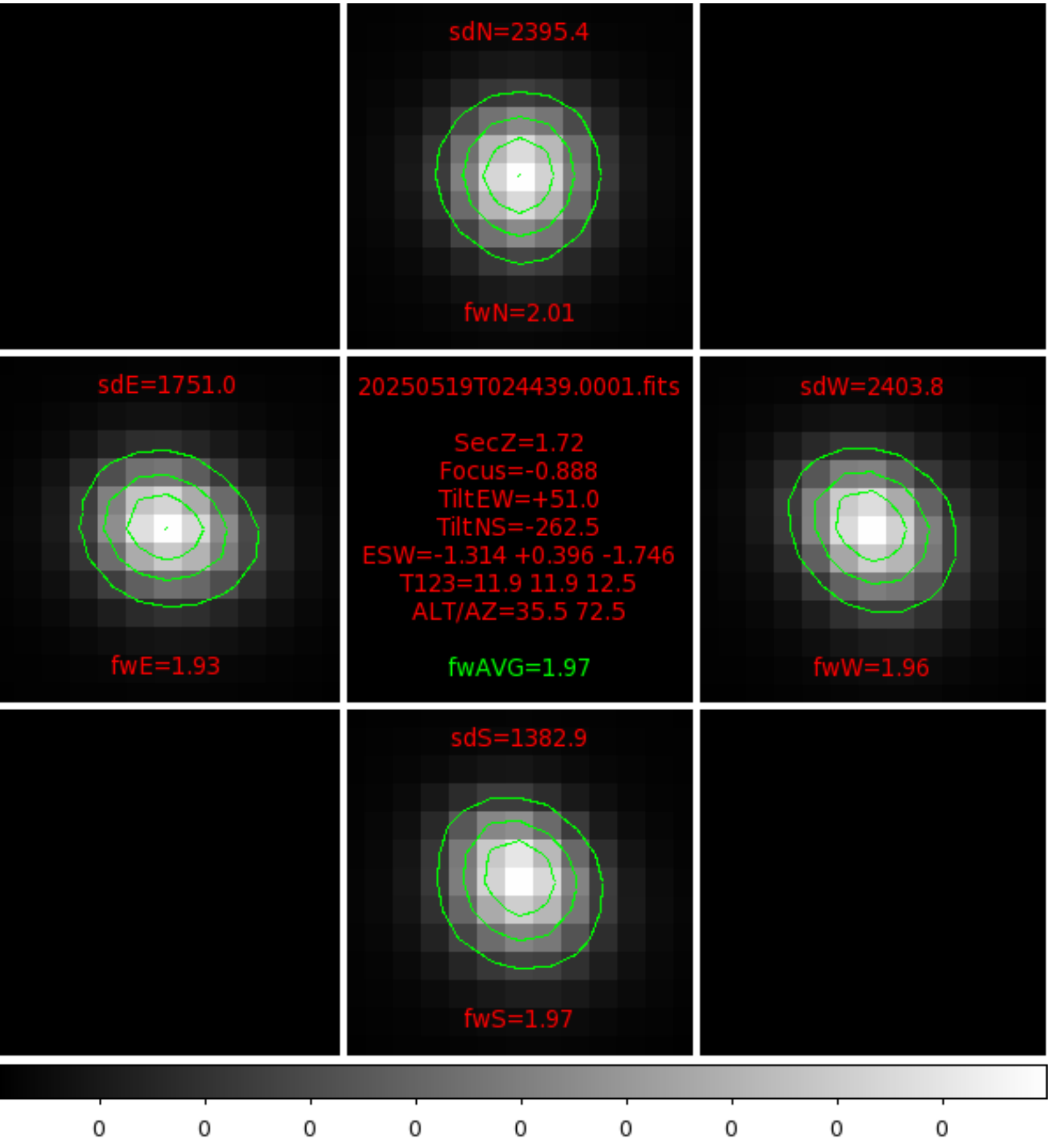
sdN=2395.4
fwN=2.01
sdE=1751.0
fwE=1.93
20250519T024439.0001.fits
SecZ=1.72
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.9 11.9 12.5
ALT/AZ=35.5 72.5
fwAVG=1.97
sdW=2403.8
fwW=1.96
sdS=1382.9
fwS=1.97
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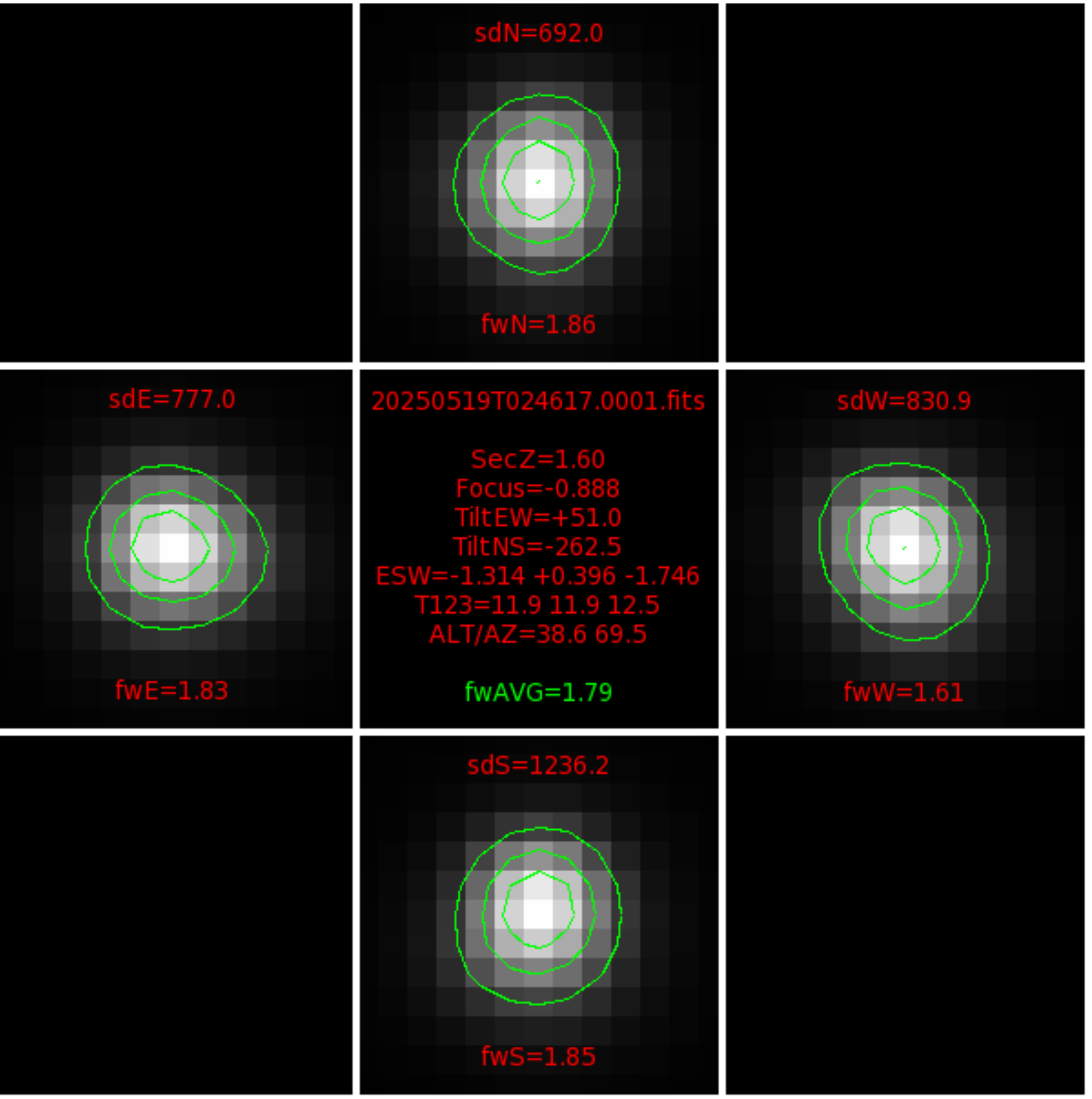
sdN=692.0
fwN=1.86
sdE=777.0
fwE=1.83
20250519T024617.0001.fits
SecZ=1.60
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.9 11.9 12.5
ALT/AZ=38.6 69.5
fwAVG=1.79
sdW=830.9
fwW=1.61
sdS=1236.2
fwS=1.85
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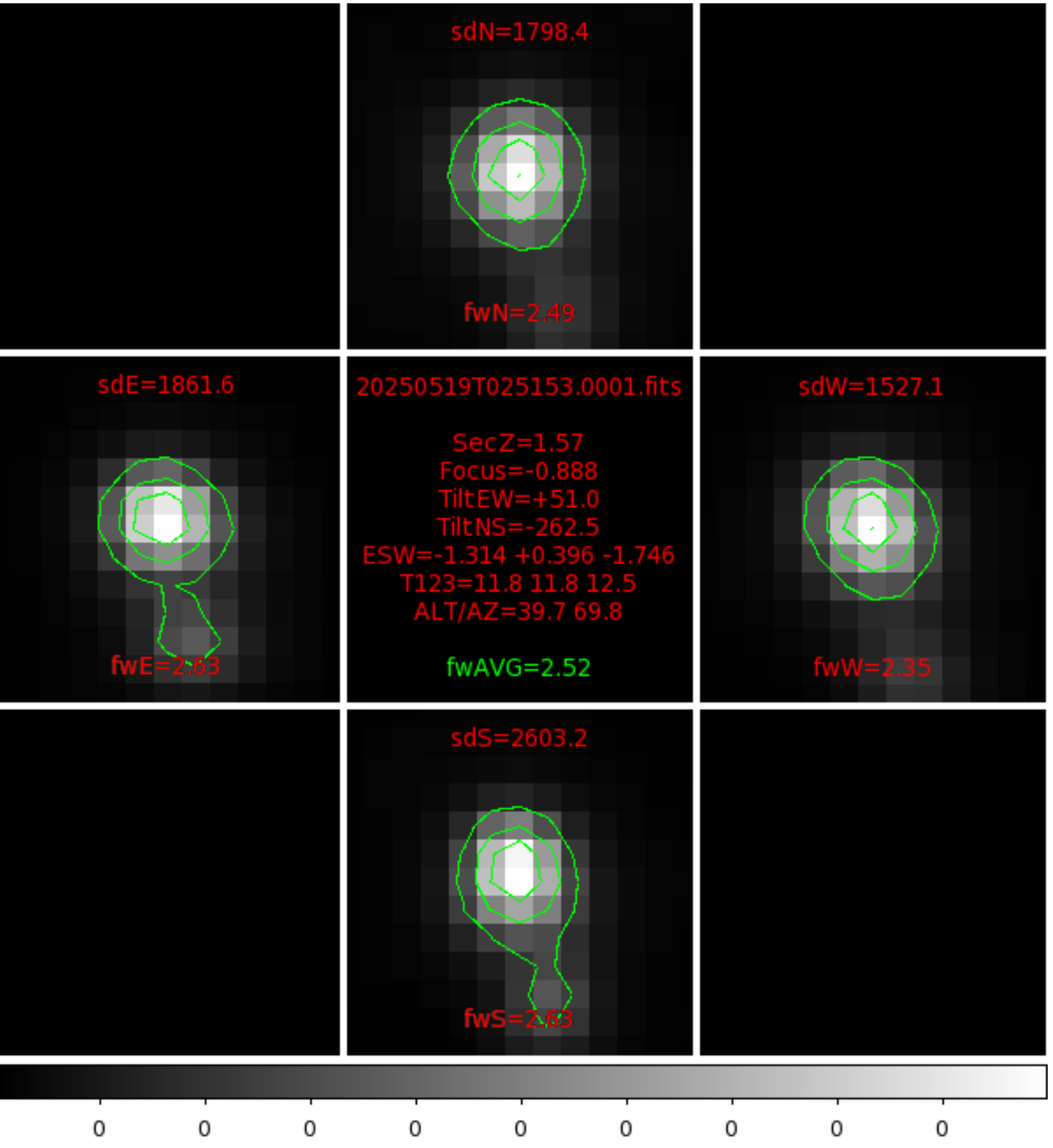
sdN=1798.4
fwN=2.49
sdE=1861.6
fwE=2.63
20250519T025153.0001.fits
SecZ=1.57
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=39.7 69.8
fwAVG=2.52
sdW=1527.1
fwW=2.35
sdS=2603.2
fwS=2.63
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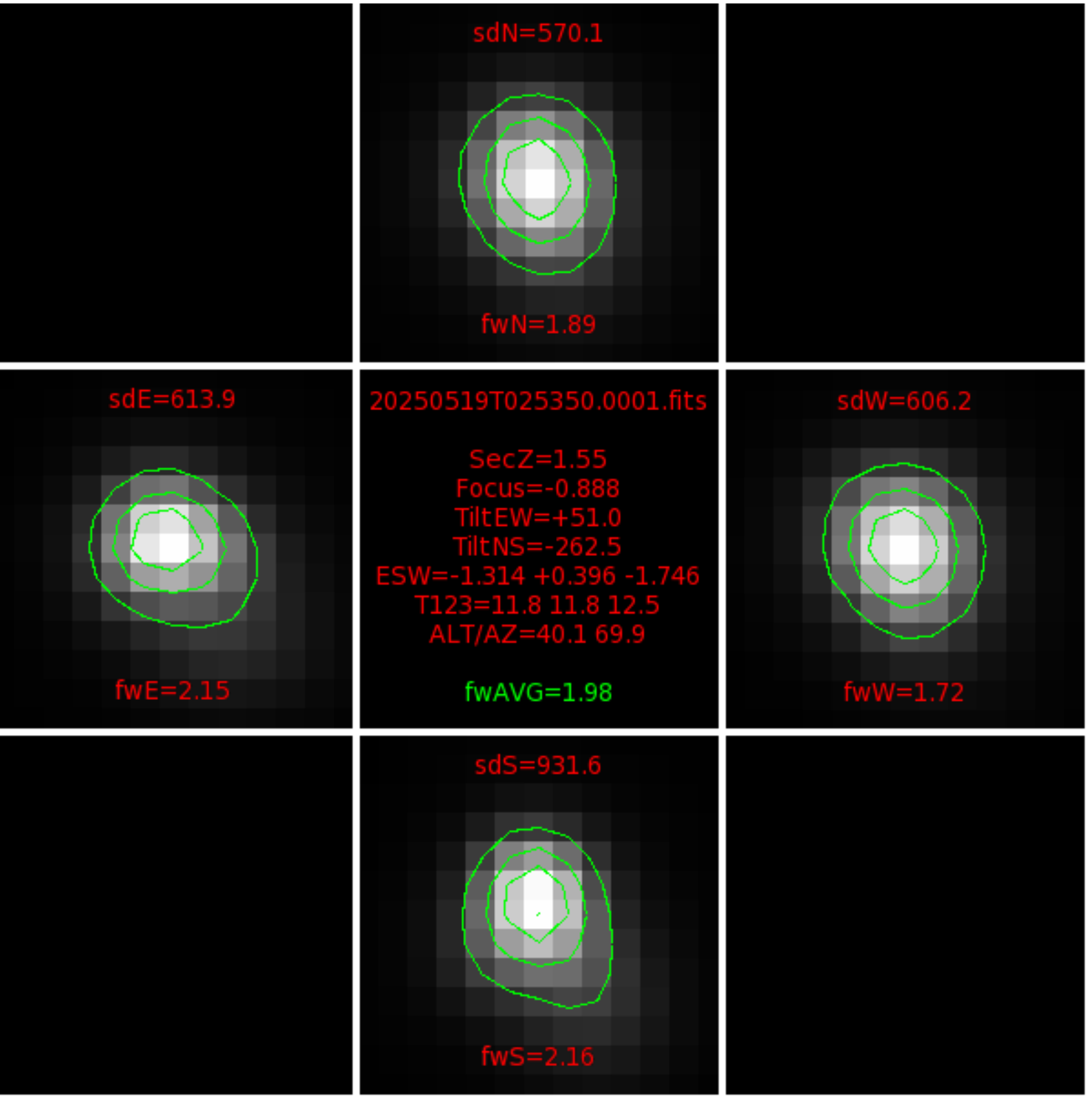
sdN=570.1
fwN=1.89
sdE=613.9
fwE=2.15
20250519T025350.0001.fits
SecZ=1.55
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=40.1 69.9
fwAVG=1.98
sdW=606.2
fwW=1.72
sdS=931.6
fwS=2.16
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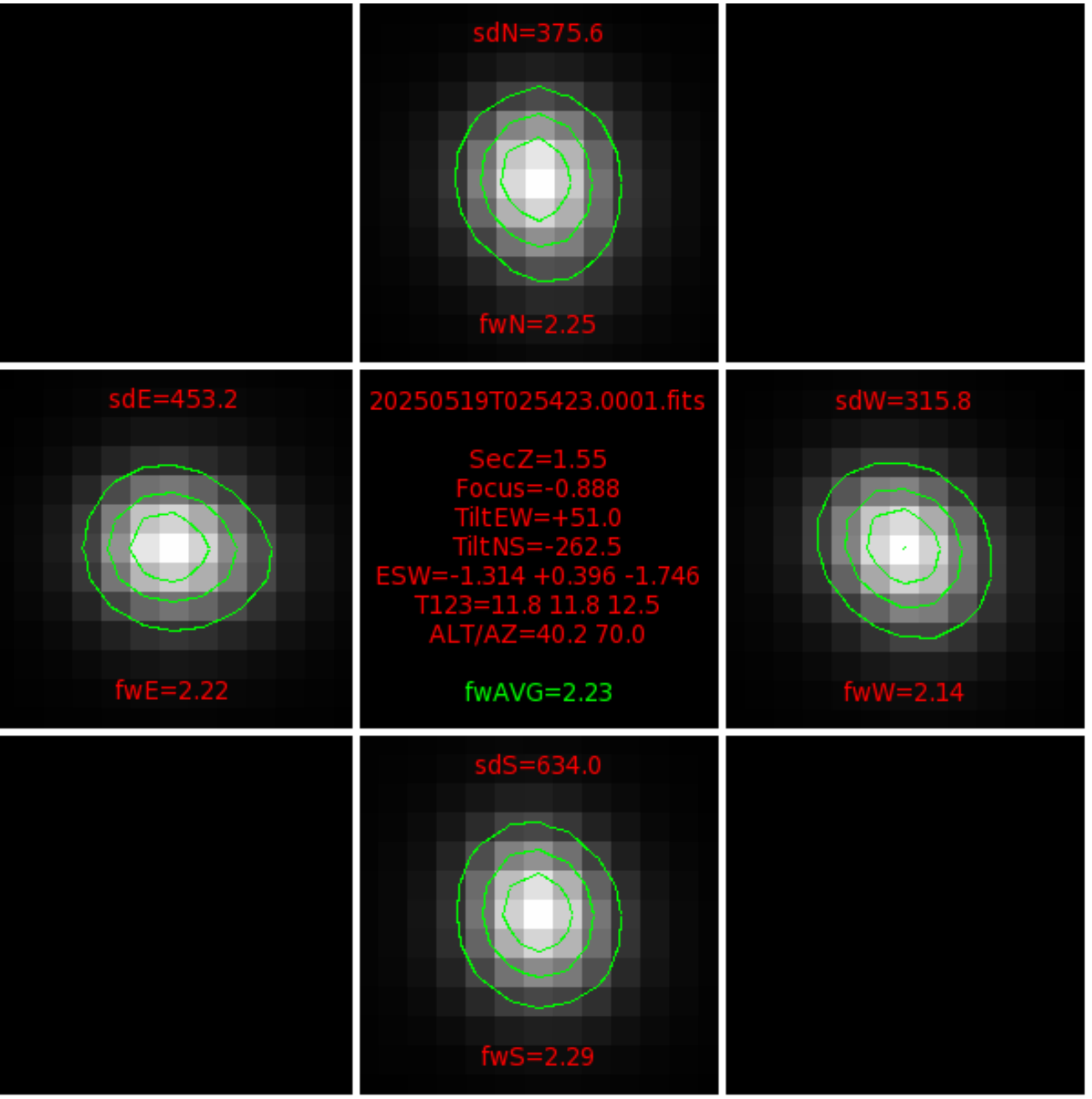
sdN=375.6
fwN=2.25
sdE=453.2
fwE=2.22
20250519T025423.0001.fits
SecZ=1.55
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=40.2 70.0
fwAVG=2.23
sdW=315.8
fwW=2.14
sdS=634.0
fwS=2.29
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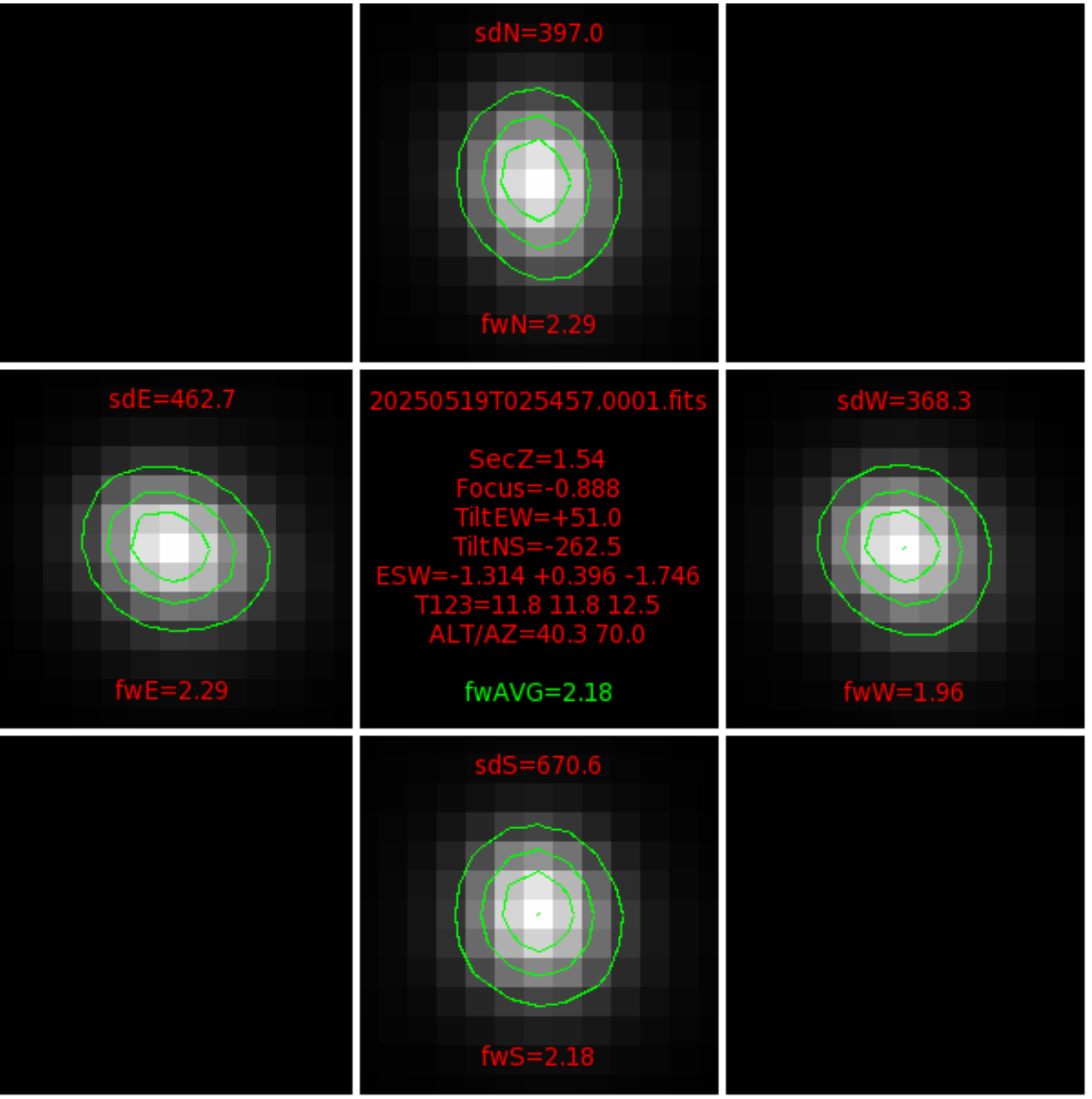
sdN=397.0
fwN=2.29
sdE=462.7
fwE=2.29
20250519T025457.0001.fits
SecZ=1.54
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=40.3 70.0
fwAVG=2.18
sdW=368.3
fwW=1.96
sdS=670.6
fwS=2.18
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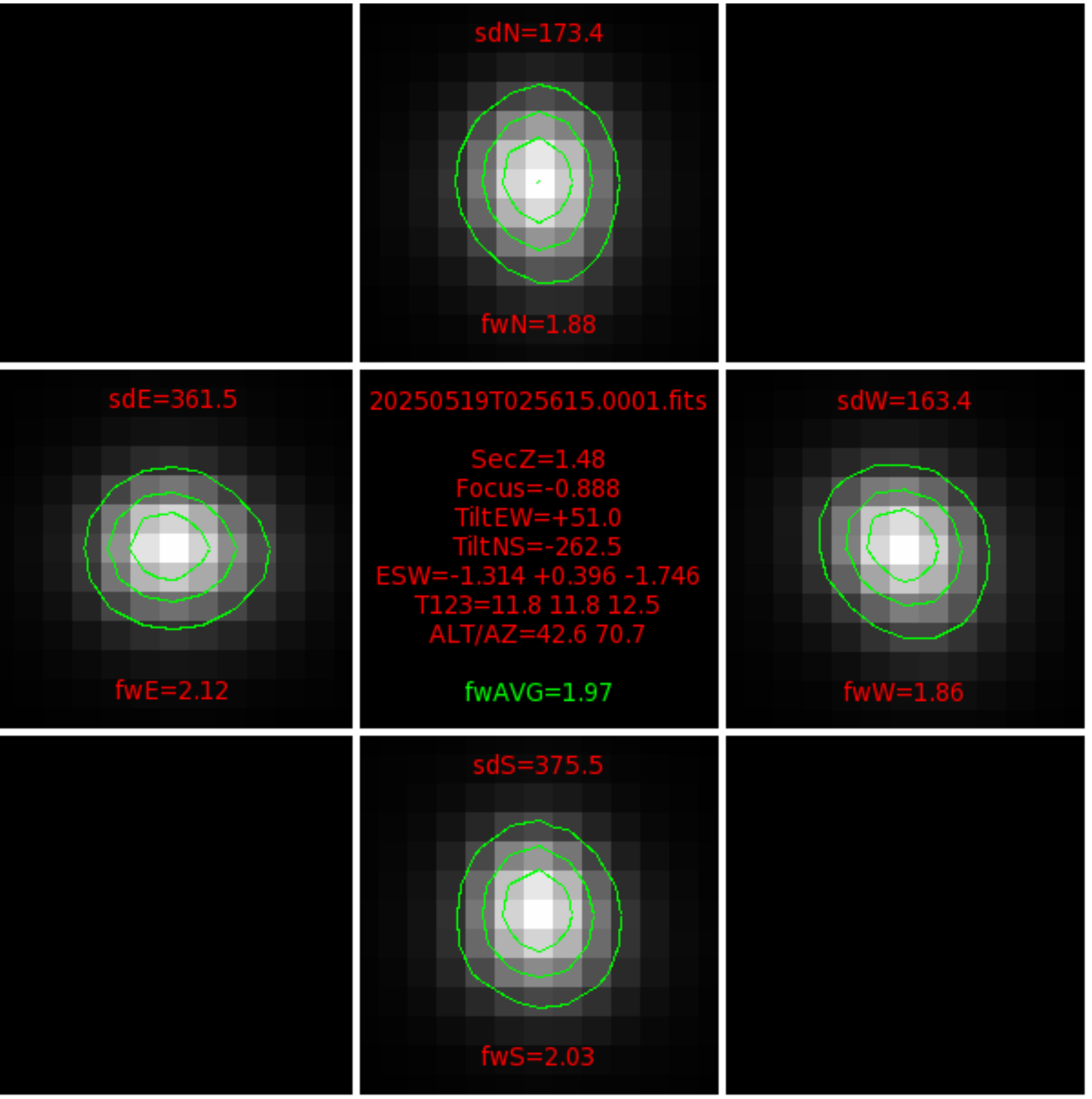
sdN=173.4
fwN=1.88
sdE=361.5
fwE=2.12
20250519T025615.0001.fits
SecZ=1.48
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=42.6 70.7
fwAVG=1.97
sdW=163.4
fwW=1.86
sdS=375.5
fwS=2.03
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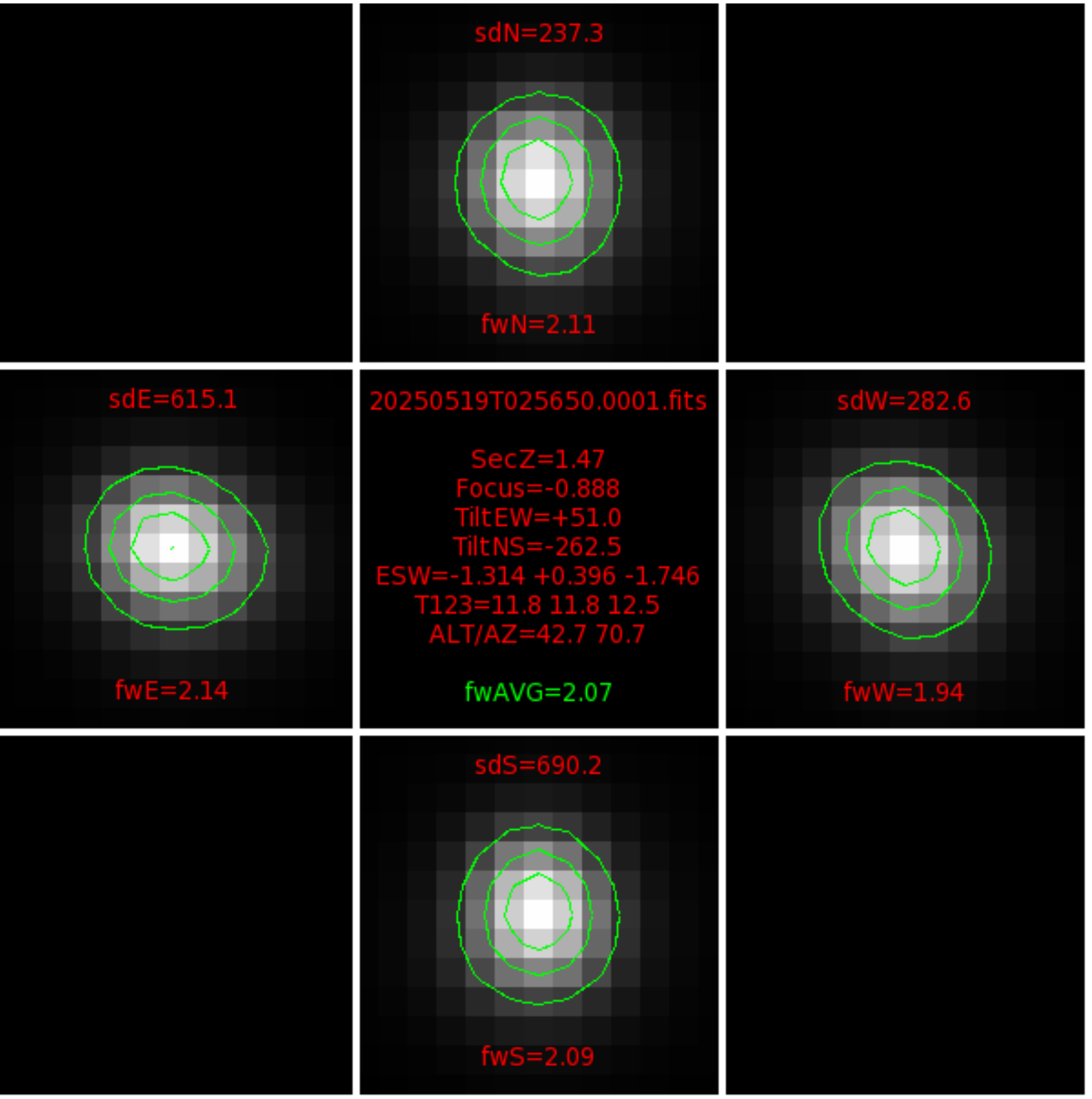
sdN=237.3
fwN=2.11
sdE=615.1
fwE=2.14
20250519T025650.0001.fits
SecZ=1.47
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=42.7 70.7
fwAVG=2.07
sdW=282.6
fwW=1.94
sdS=690.2
fwS=2.09
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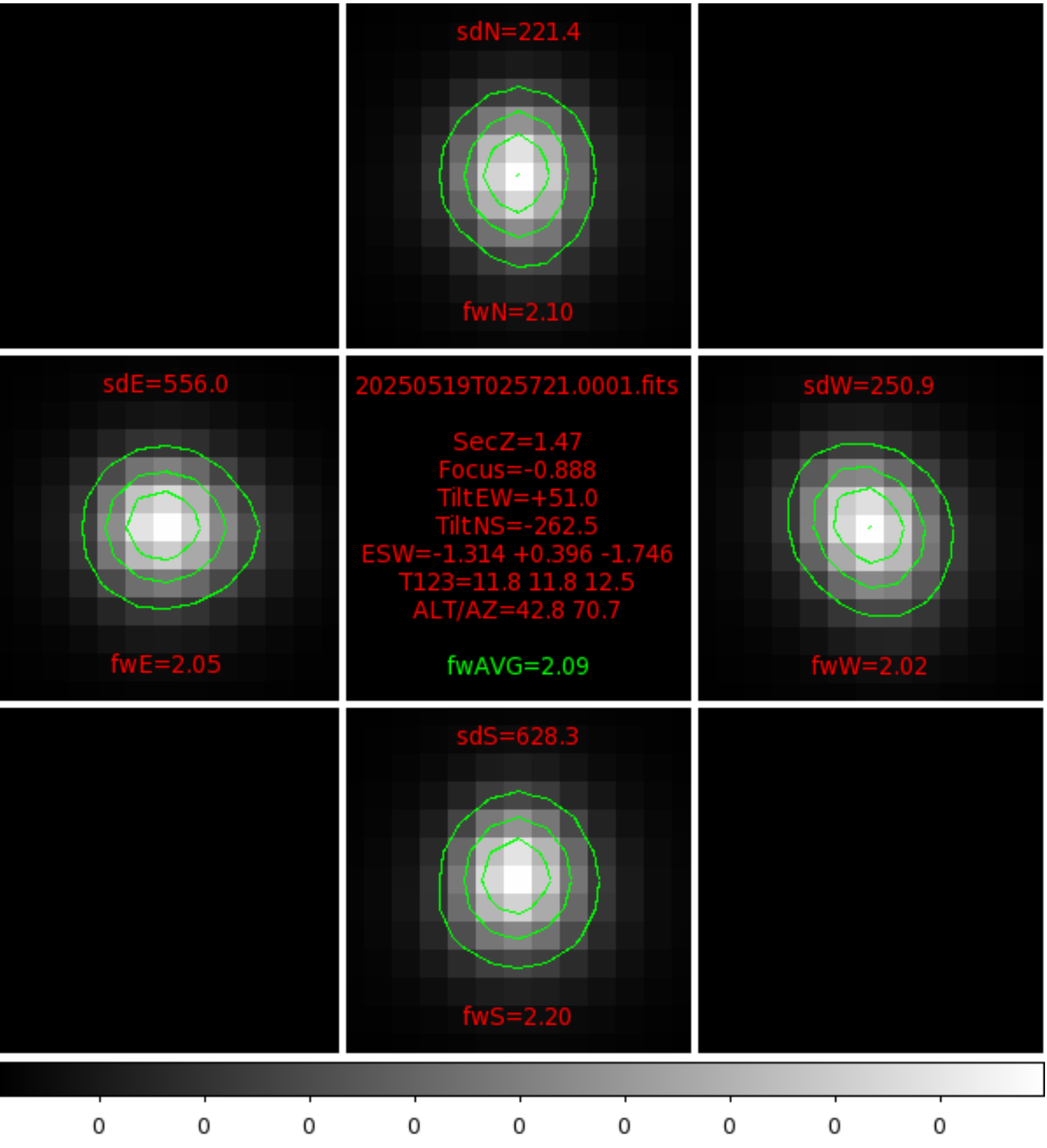
sdN=221.4
fwN=2.10
sdE=556.0
fwE=2.05
20250519T025721.0001.fits
SecZ=1.47
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=42.8 70.7
fwAVG=2.09
sdW=250.9
fwW=2.02
sdS=628.3
fwS=2.20
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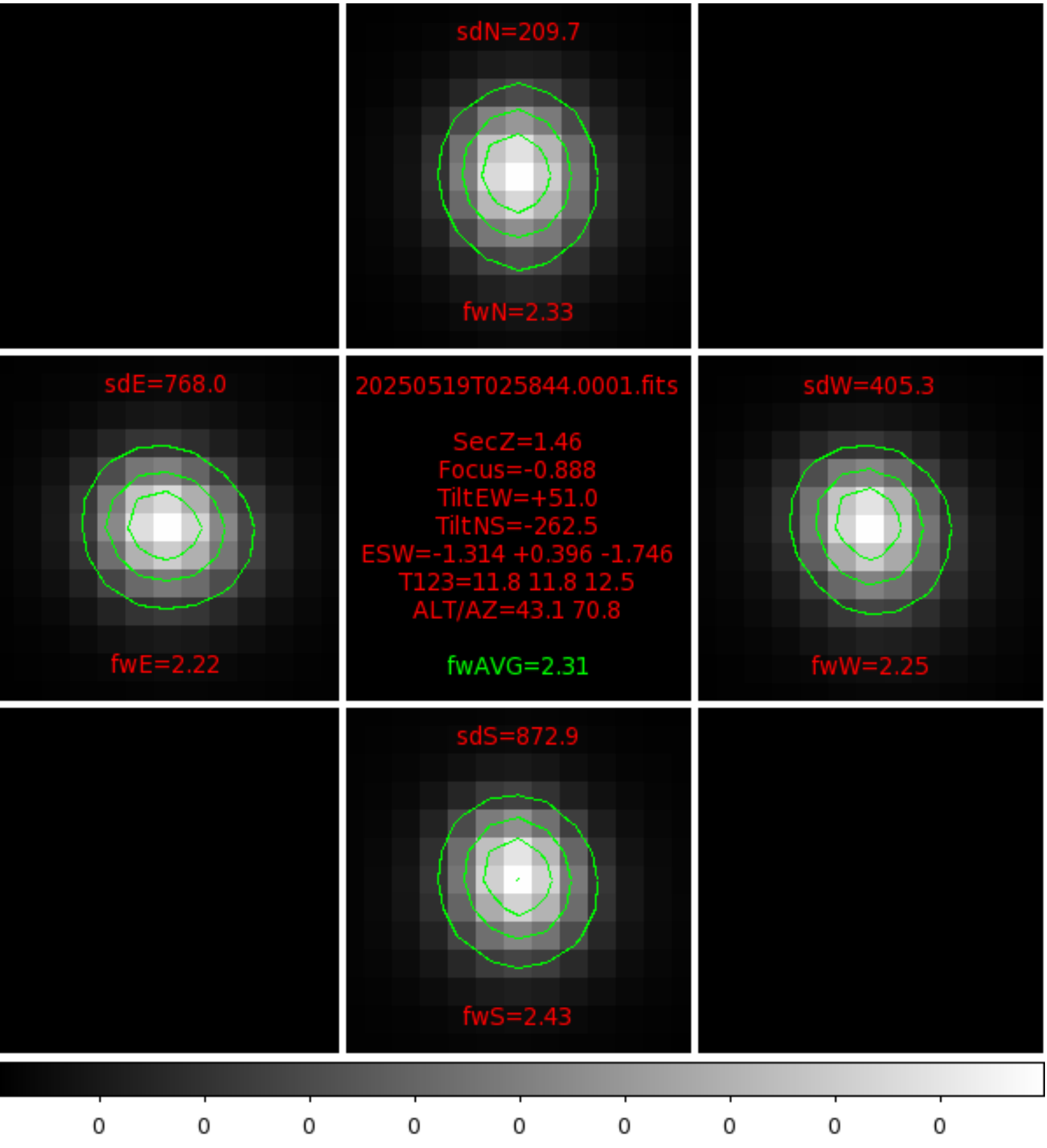
sdN=209.7
fwN=2.33
sdE=768.0
fwE=2.22
20250519T025844.0001.fits
SecZ=1.46
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=43.1 70.8
fwAVG=2.31
sdW=405.3
fwW=2.25
sdS=872.9
fwS=2.43
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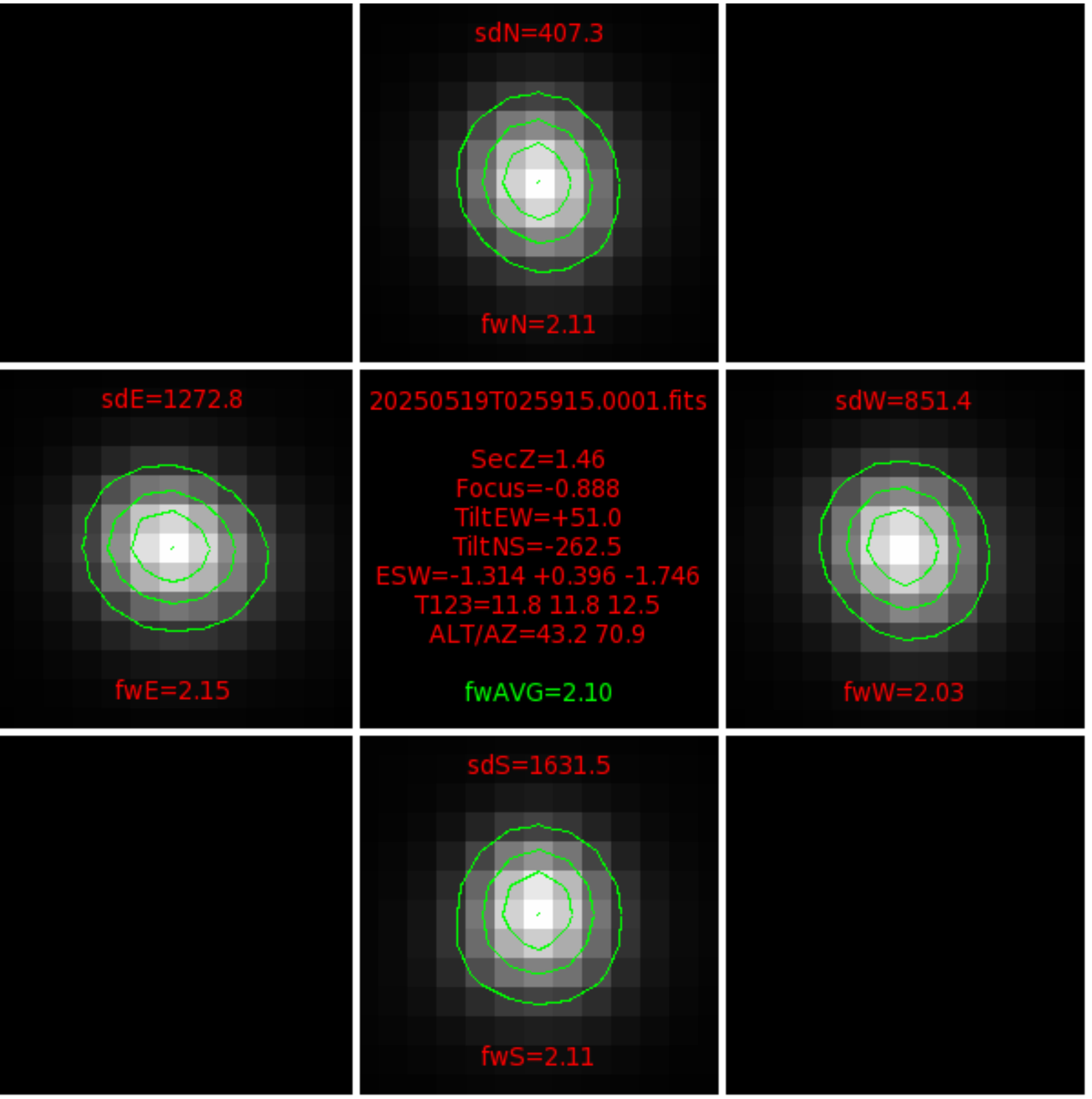
sdN=407.3
fwN=2.11
sdE=1272.8
fwE=2.15
20250519T025915.0001.fits
SecZ=1.46
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=43.2 70.9
fwAVG=2.10
sdW=851.4
fwW=2.03
sdS=1631.5
fwS=2.11
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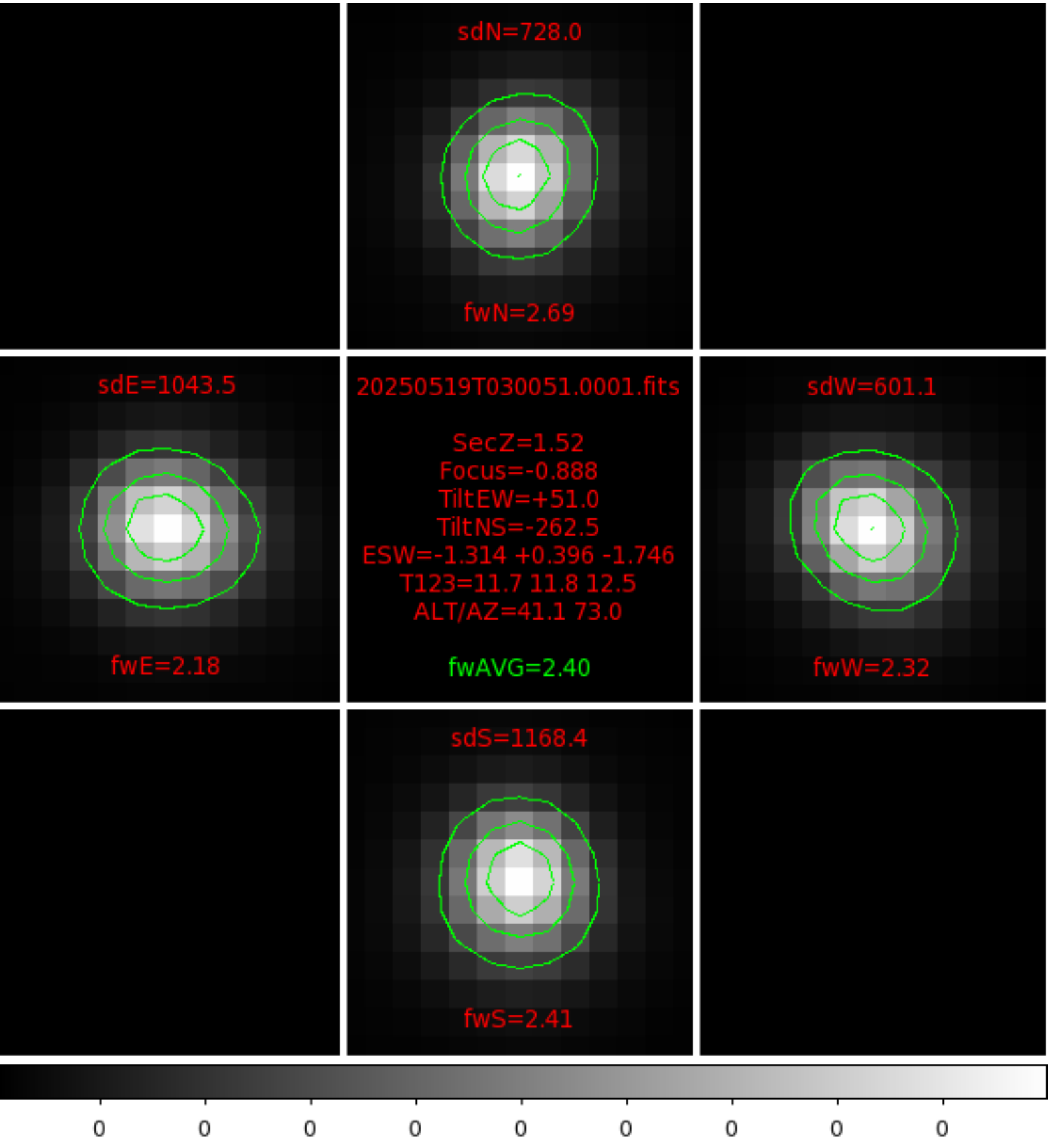
sdN=728.0
fwN=2.69
sdE=1043.5
fwE=2.18
20250519T030051.0001.fits
SecZ=1.52
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.7 11.8 12.5
ALT/AZ=41.1 73.0
fwAVG=2.40
sdW=601.1
fwW=2.32
sdS=1168.4
fwS=2.41
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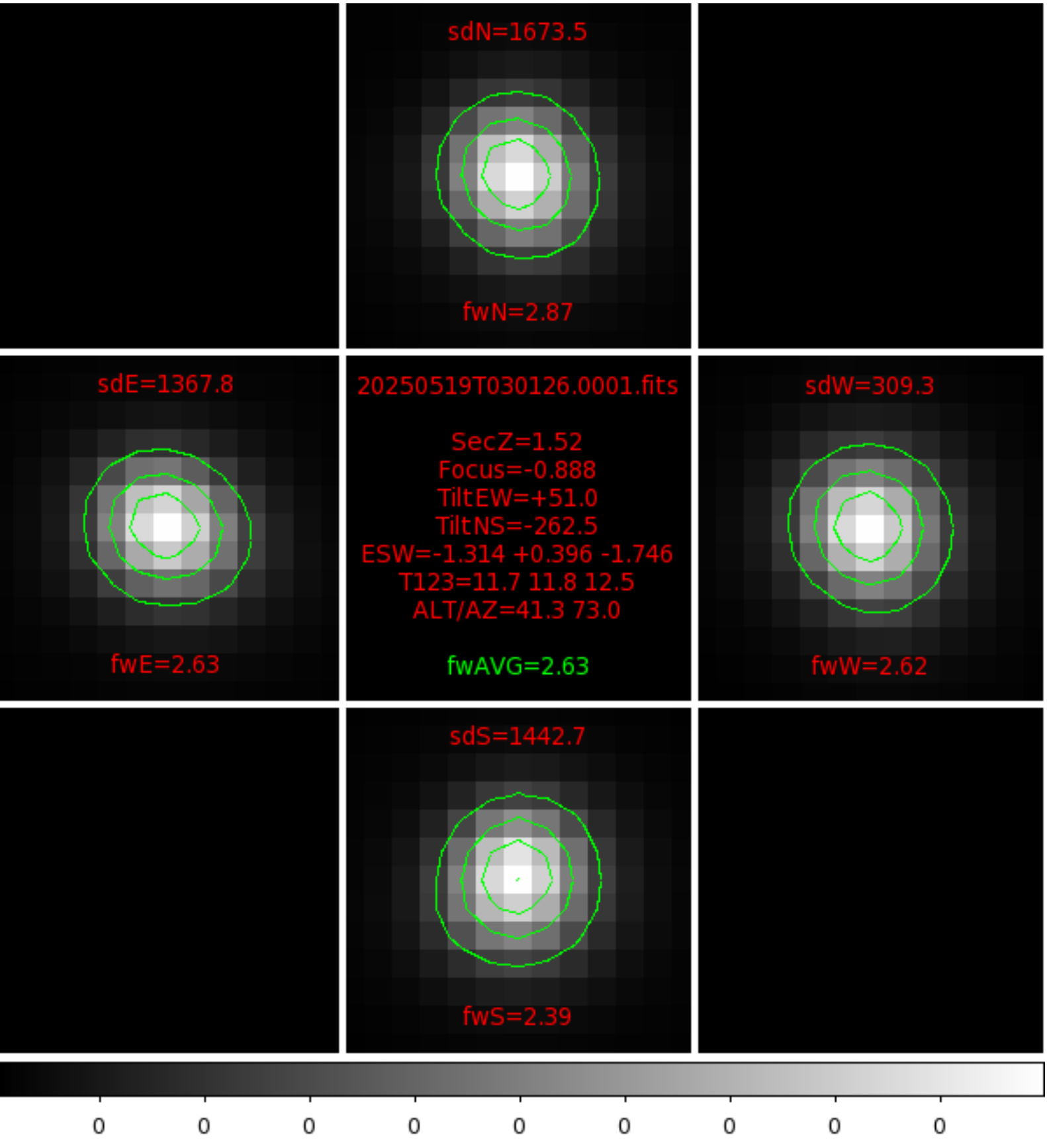
sdN=1673.5
fwN=2.87
sdE=1367.8
fwE=2.63
20250519T030126.0001.fits
SecZ=1.52
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.7 11.8 12.5
ALT/AZ=41.3 73.0
fwAVG=2.63
sdW=309.3
fwW=2.62
sdS=1442.7
fwS=2.39
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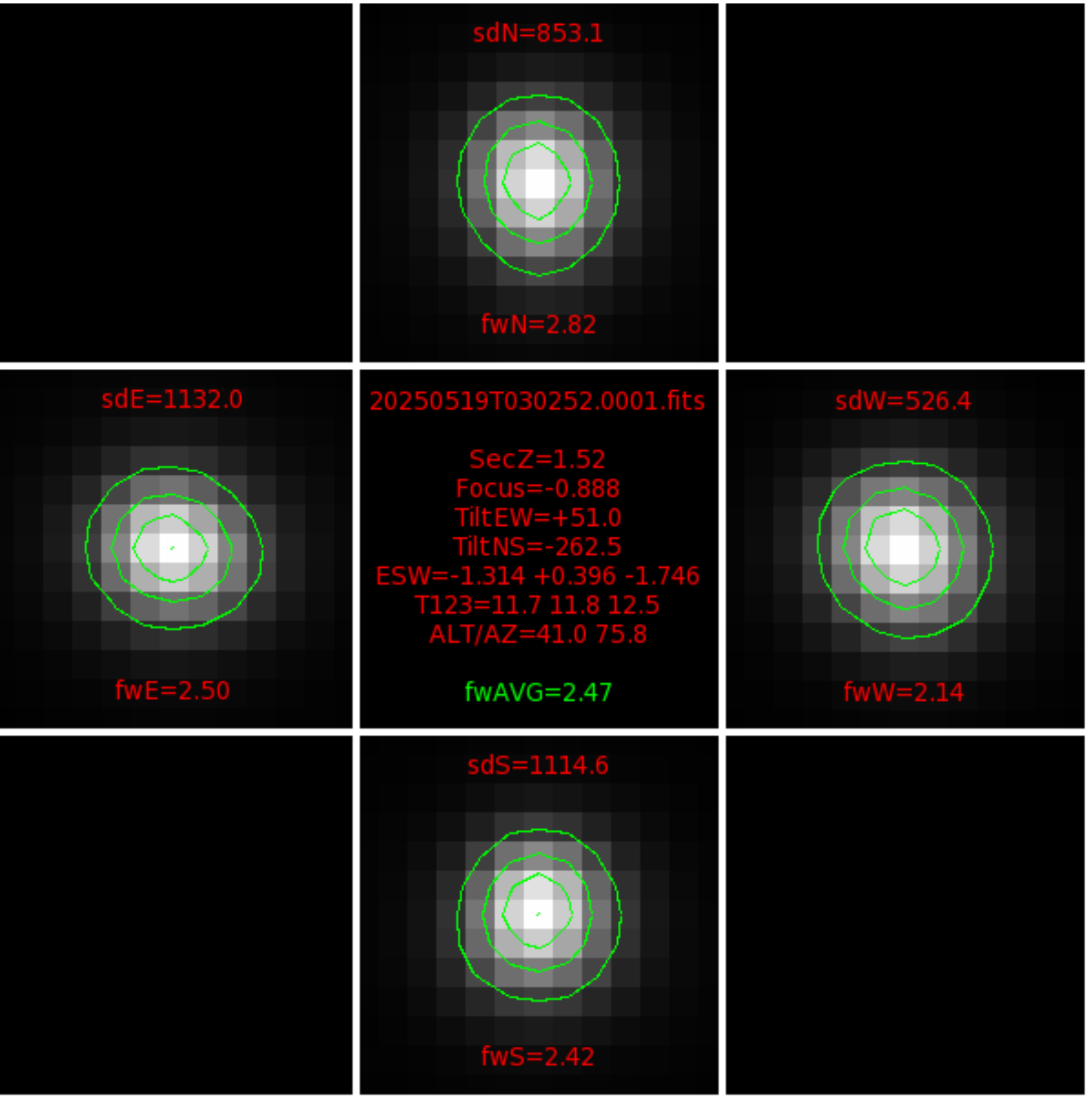
sdN=853.1
fwN=2.82
sdE=1132.0
fwE=2.50
20250519T030252.0001.fits
SecZ=1.52
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.7 11.8 12.5
ALT/AZ=41.0 75.8
fwAVG=2.47
sdW=526.4
fwW=2.14
sdS=1114.6
fwS=2.42
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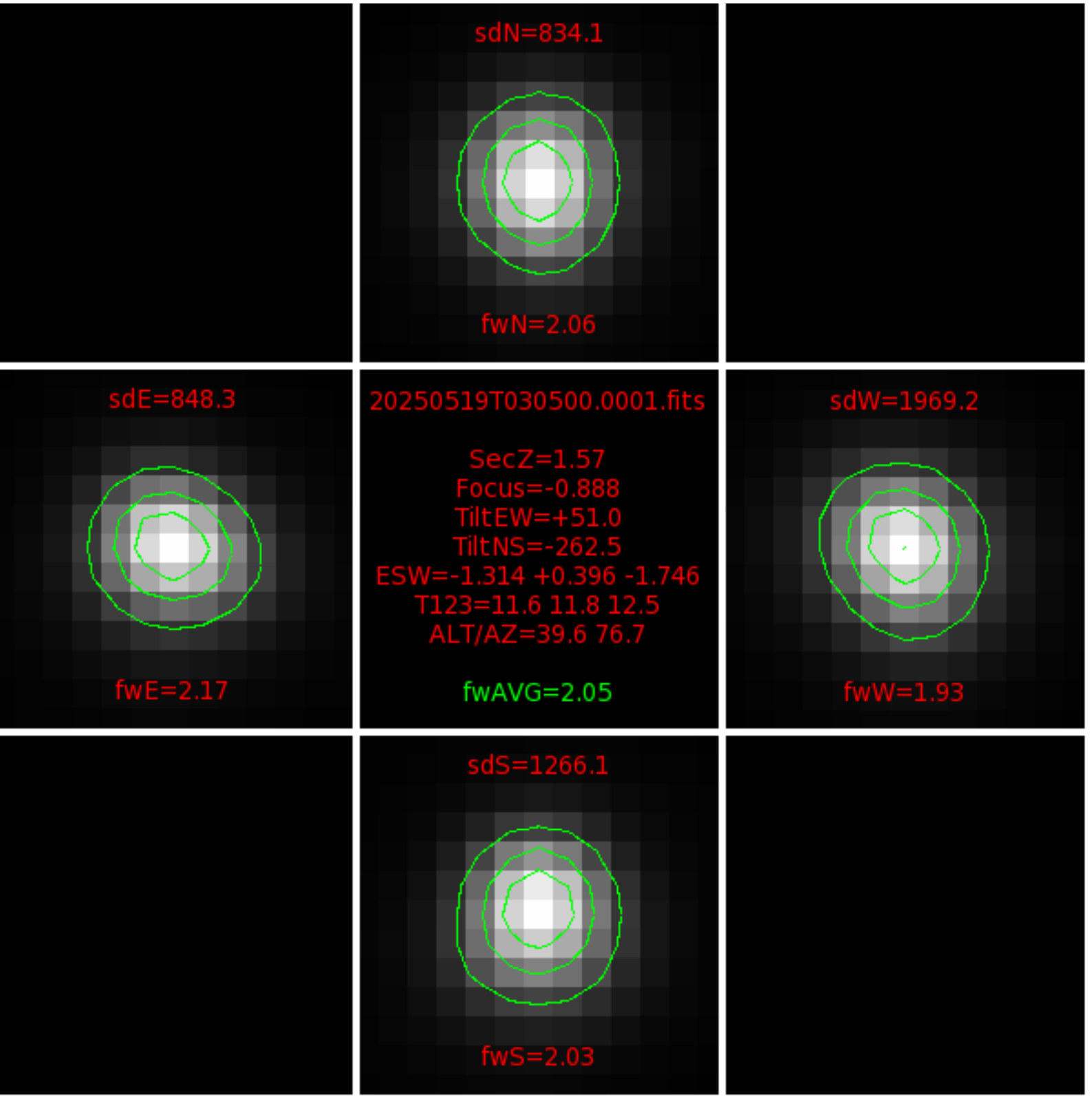
sdN=834.1
fwN=2.06
sdE=848.3
fwE=2.17
20250519T030500.0001.fits
SecZ=1.57
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.6 11.8 12.5
ALT/AZ=39.6 76.7
fwAVG=2.05
sdW=1969.2
fwW=1.93
sdS=1266.1
fwS=2.03
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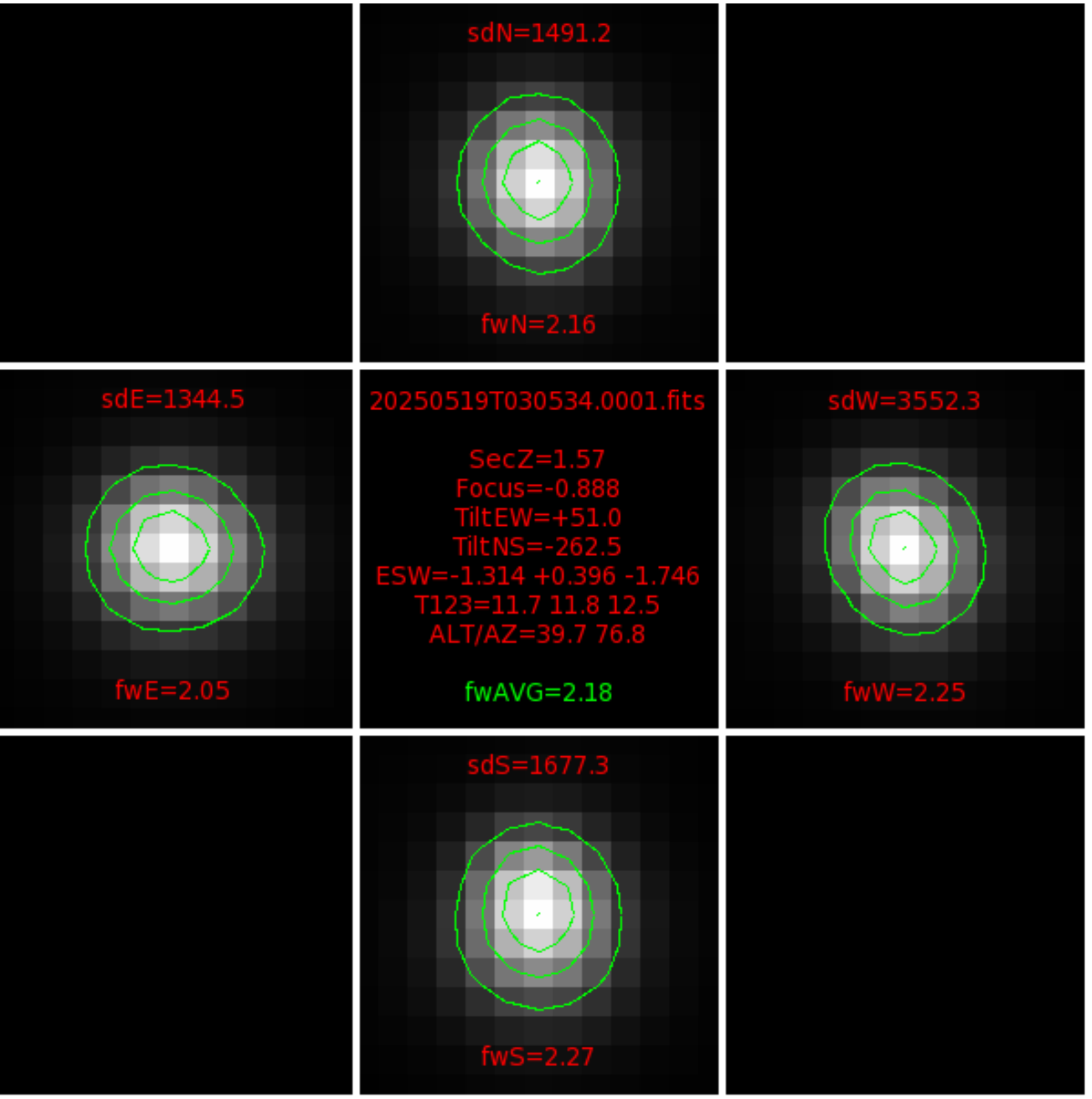
sdN=1491.2
fwN=2.16
sdE=1344.5
fwE=2.05
20250519T030534.0001.fits
SecZ=1.57
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.7 11.8 12.5
ALT/AZ=39.7 76.8
fwAVG=2.18
sdW=3552.3
fwW=2.25
sdS=1677.3
fwS=2.27
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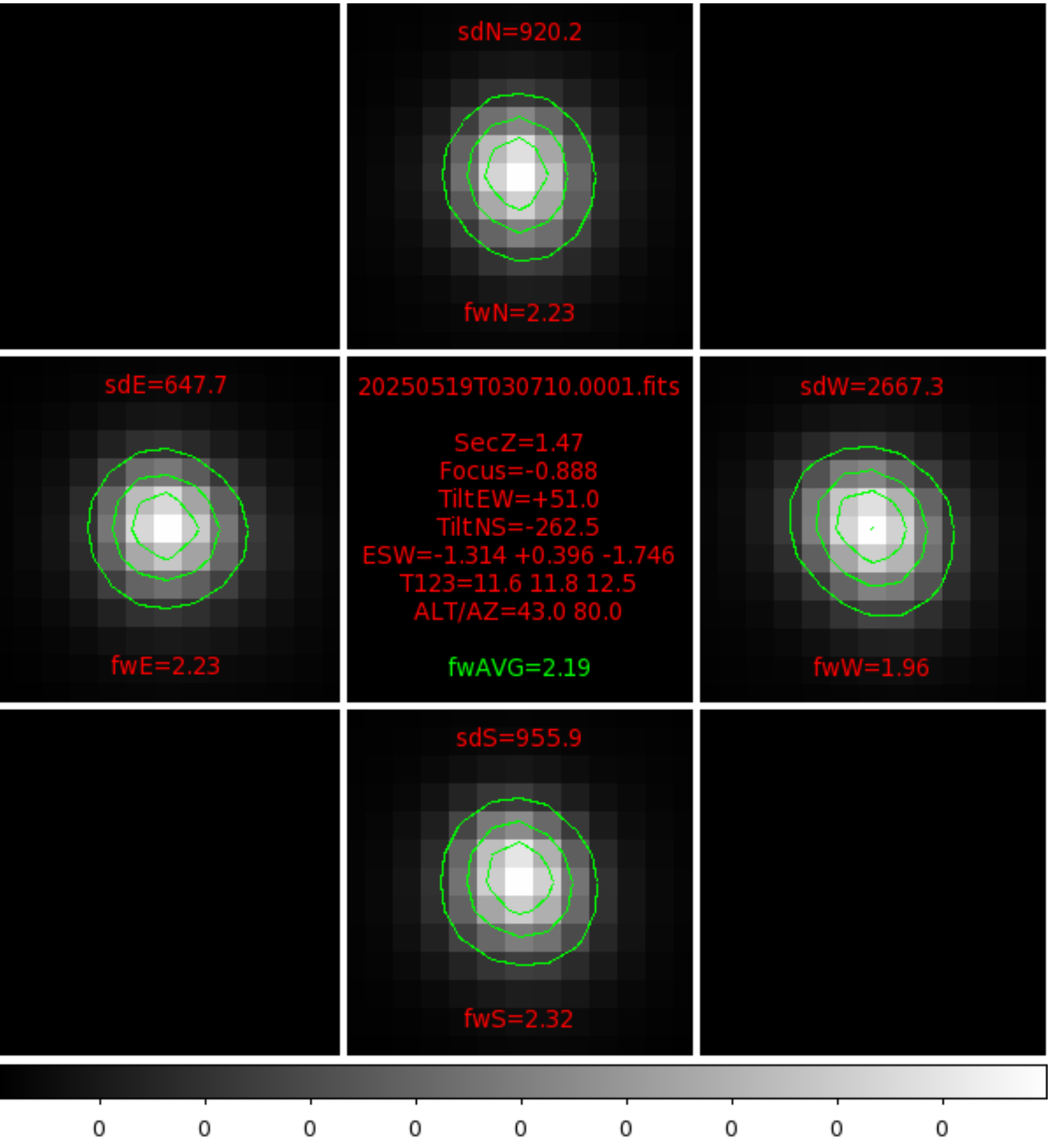
sdN=920.2
fwN=2.23
sdE=647.7
fwE=2.23
20250519T030710.0001.fits
SecZ=1.47
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.6 11.8 12.5
ALT/AZ=43.0 80.0
fwAVG=2.19
sdW=2667.3
fwW=1.96
sdS=955.9
fwS=2.32
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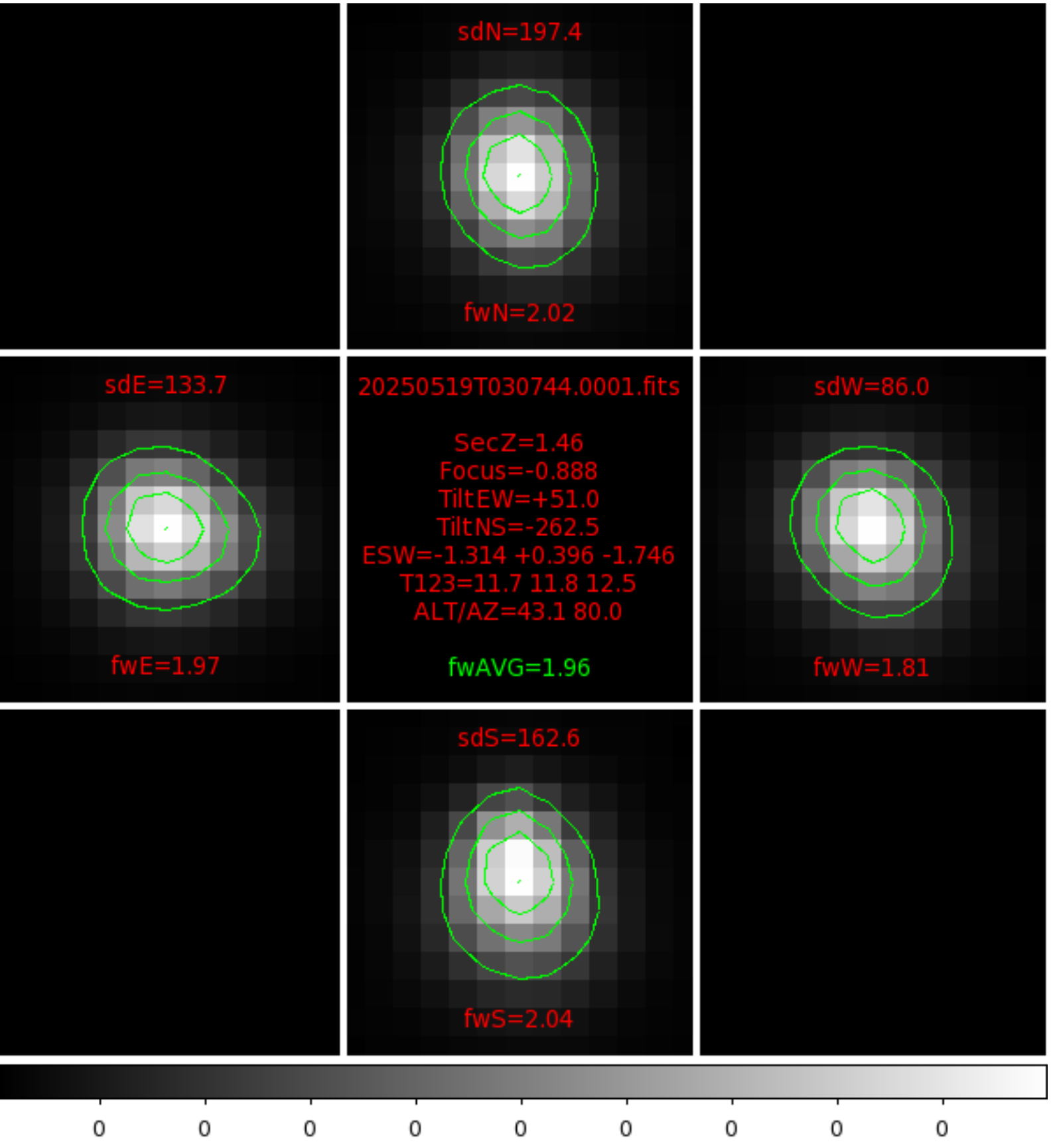
sdN=197.4
fwN=2.02
sdE=133.7
fwE=1.97
20250519T030744.0001.fits
SecZ=1.46
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.7 11.8 12.5
ALT/AZ=43.1 80.0
fwAVG=1.96
sdW=86.0
fwW=1.81
sdS=162.6
fwS=2.04
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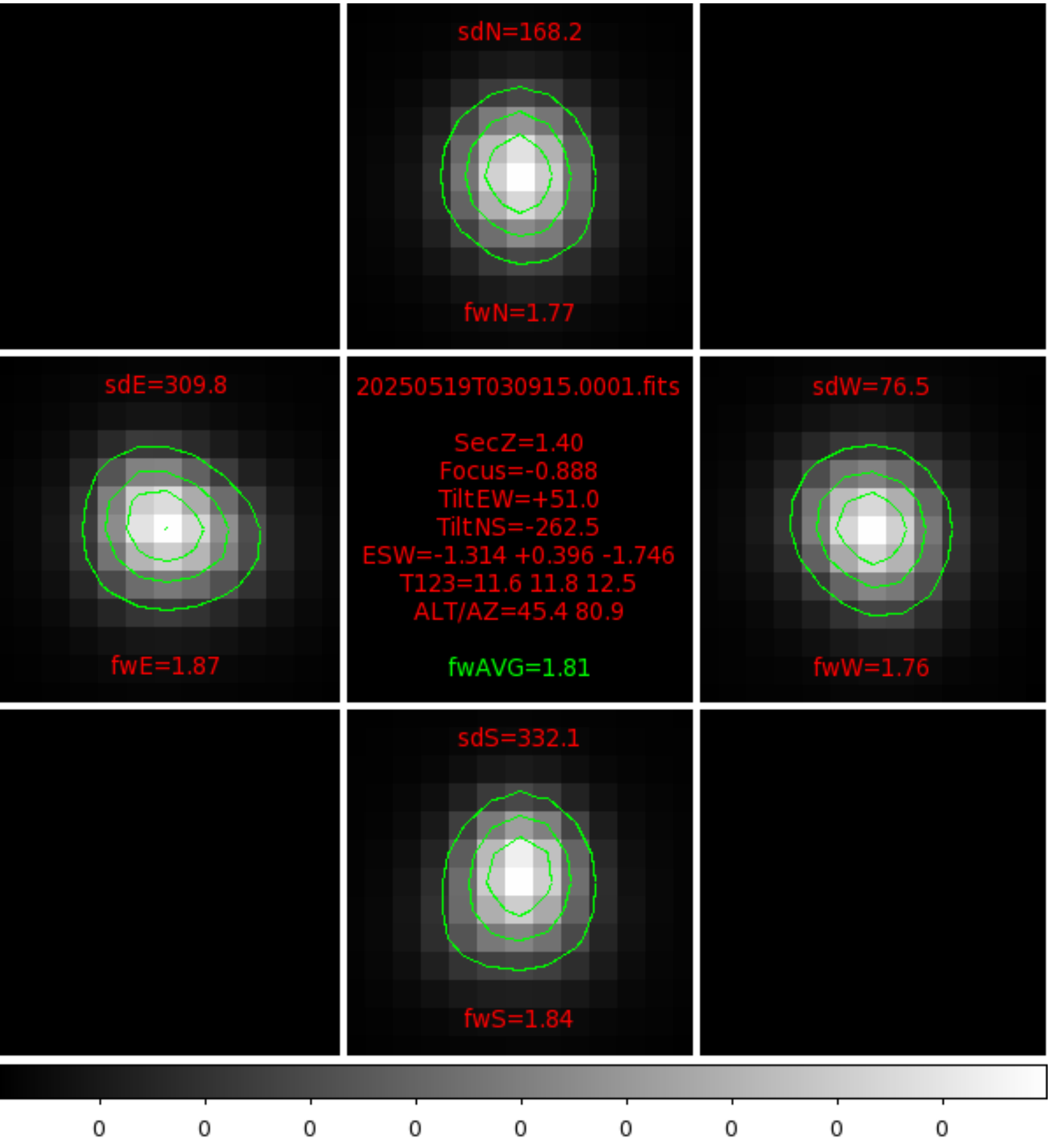
sdN=168.2
fwN=1.77
sdE=309.8
fwE=1.87
20250519T030915.0001.fits
SecZ=1.40
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.6 11.8 12.5
ALT/AZ=45.4 80.9
fwAVG=1.81
sdW=76.5
fwW=1.76
sdS=332.1
fwS=1.84
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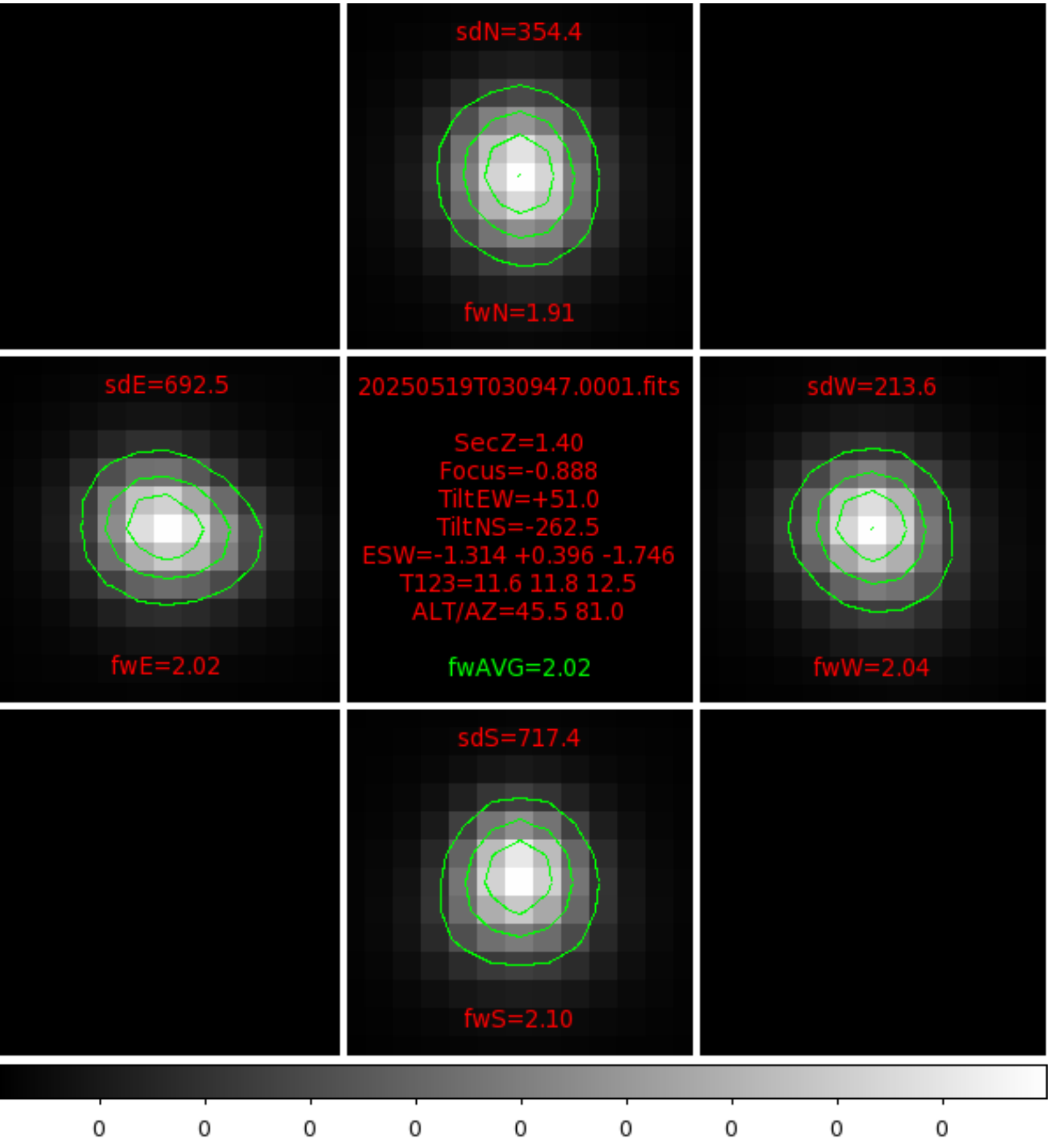
sdN=354.4
fwN=1.91
sdE=692.5
fwE=2.02
20250519T030947.0001.fits
SecZ=1.40
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.6 11.8 12.5
ALT/AZ=45.5 81.0
fwAVG=2.02
sdW=213.6
fwW=2.04
sdS=717.4
fwS=2.10
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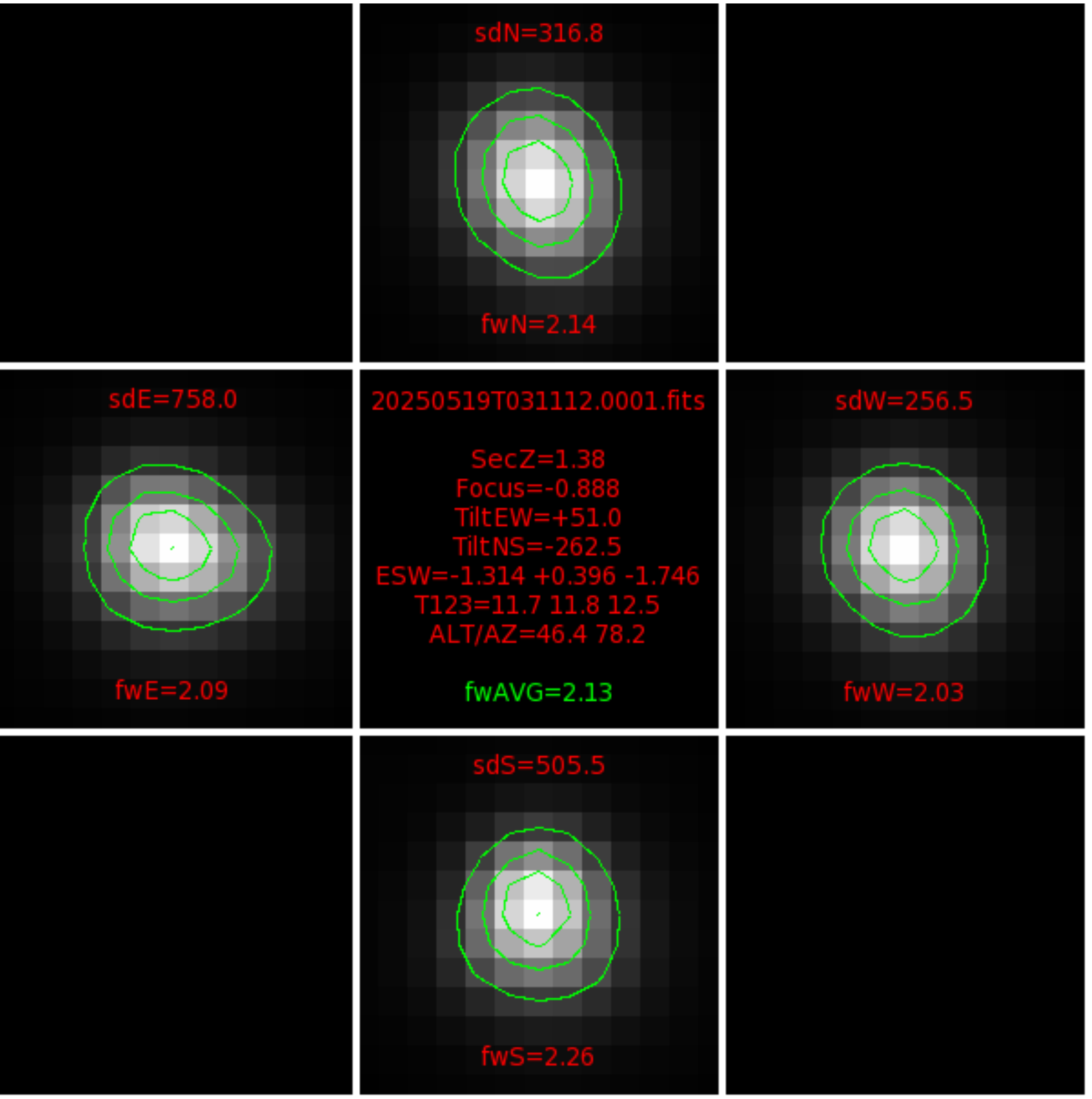
sdN=316.8
fwN=2.14
sdE=758.0
fwE=2.09
20250519T031112.0001.fits
SecZ=1.38
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.7 11.8 12.5
ALT/AZ=46.4 78.2
fwAVG=2.13
sdW=256.5
fwW=2.03
sdS=505.5
fwS=2.26
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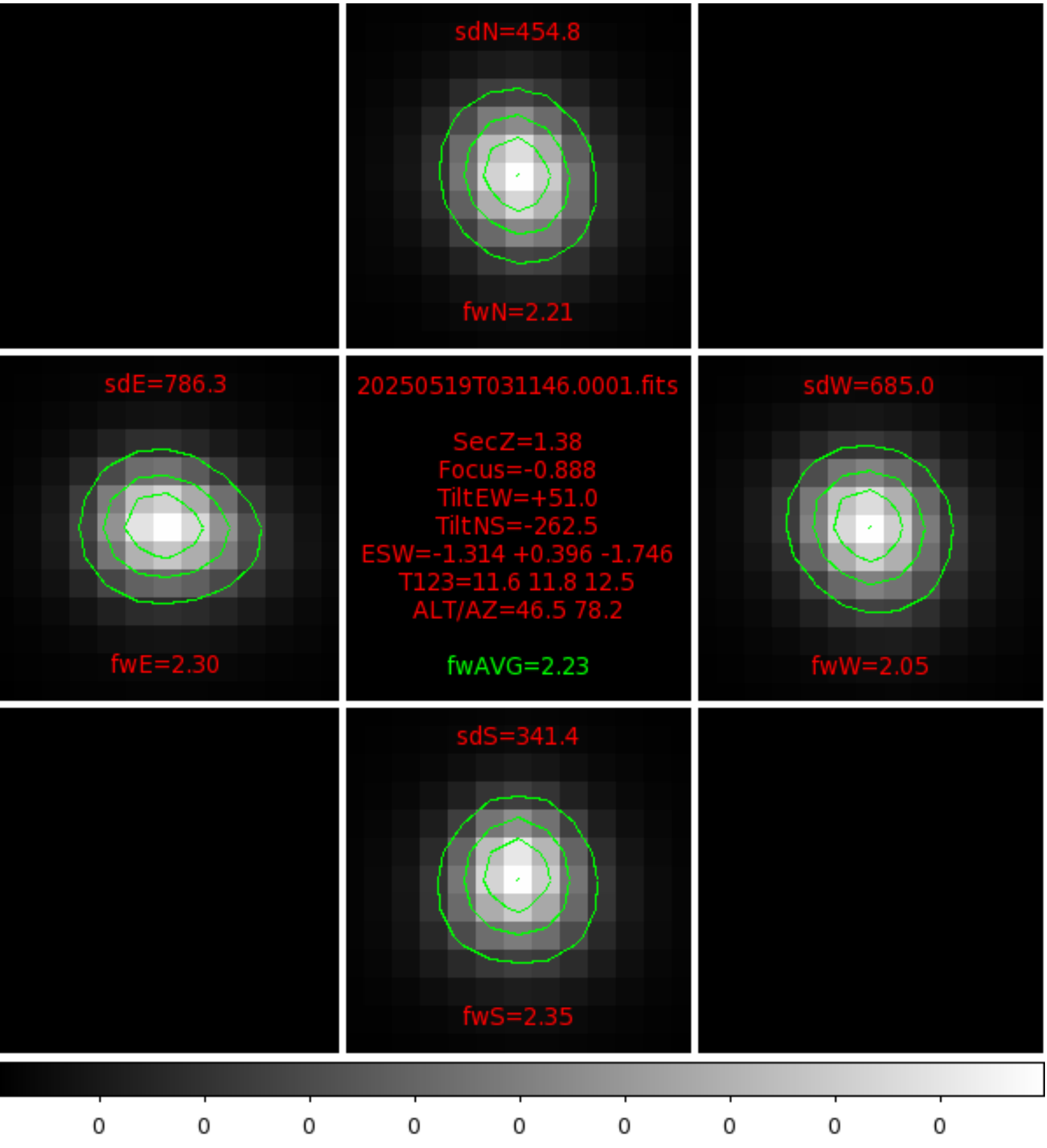
sdN=454.8
fwN=2.21
sdE=786.3
fwE=2.30
20250519T031146.0001.fits
SecZ=1.38
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.6 11.8 12.5
ALT/AZ=46.5 78.2
fwAVG=2.23
sdW=685.0
fwW=2.05
sdS=341.4
fwS=2.35
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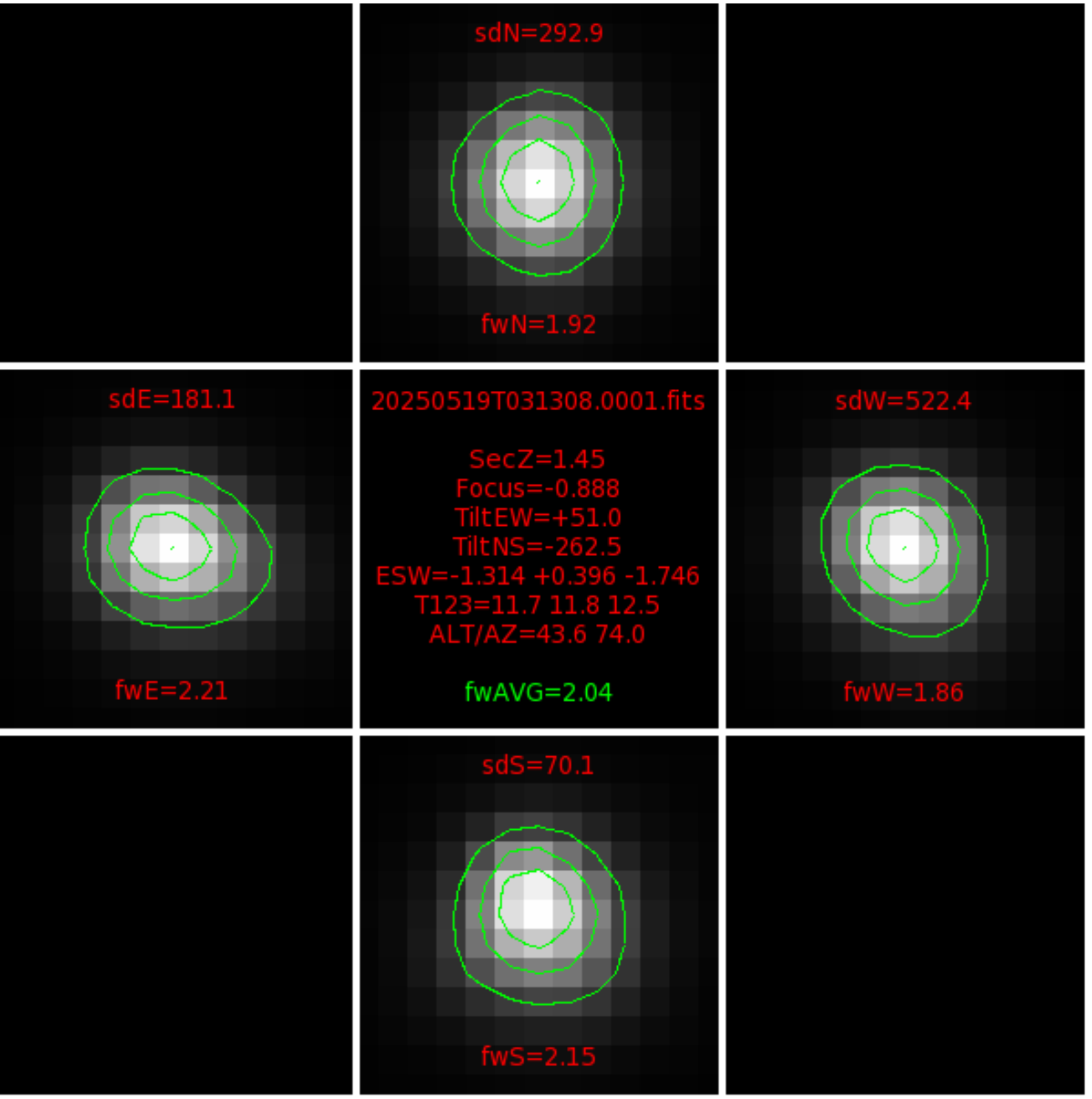
sdN=292.9
fwN=1.92
sdE=181.1
fwE=2.21
20250519T031308.0001.fits
SecZ=1.45
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.7 11.8 12.5
ALT/AZ=43.6 74.0
fwAVG=2.04
sdW=522.4
fwW=1.86
sdS=70.1
fwS=2.15
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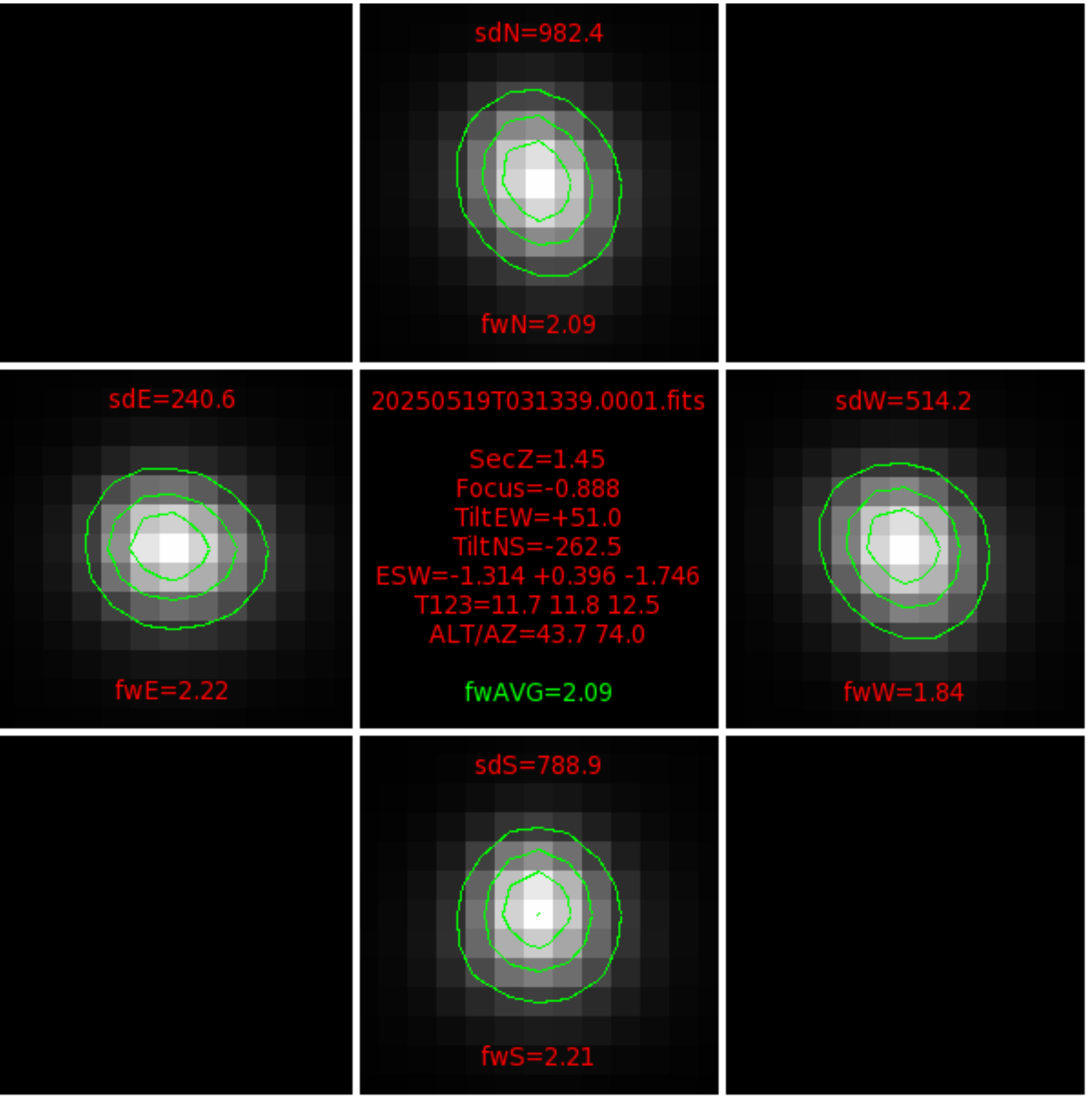
sdN=982.4
fwN=2.09
sdE=240.6
fwE=2.22
20250519T031339.0001.fits
SecZ=1.45
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.7 11.8 12.5
ALT/AZ=43.7 74.0
fwAVG=2.09
sdW=514.2
fwW=1.84
sdS=788.9
fwS=2.21
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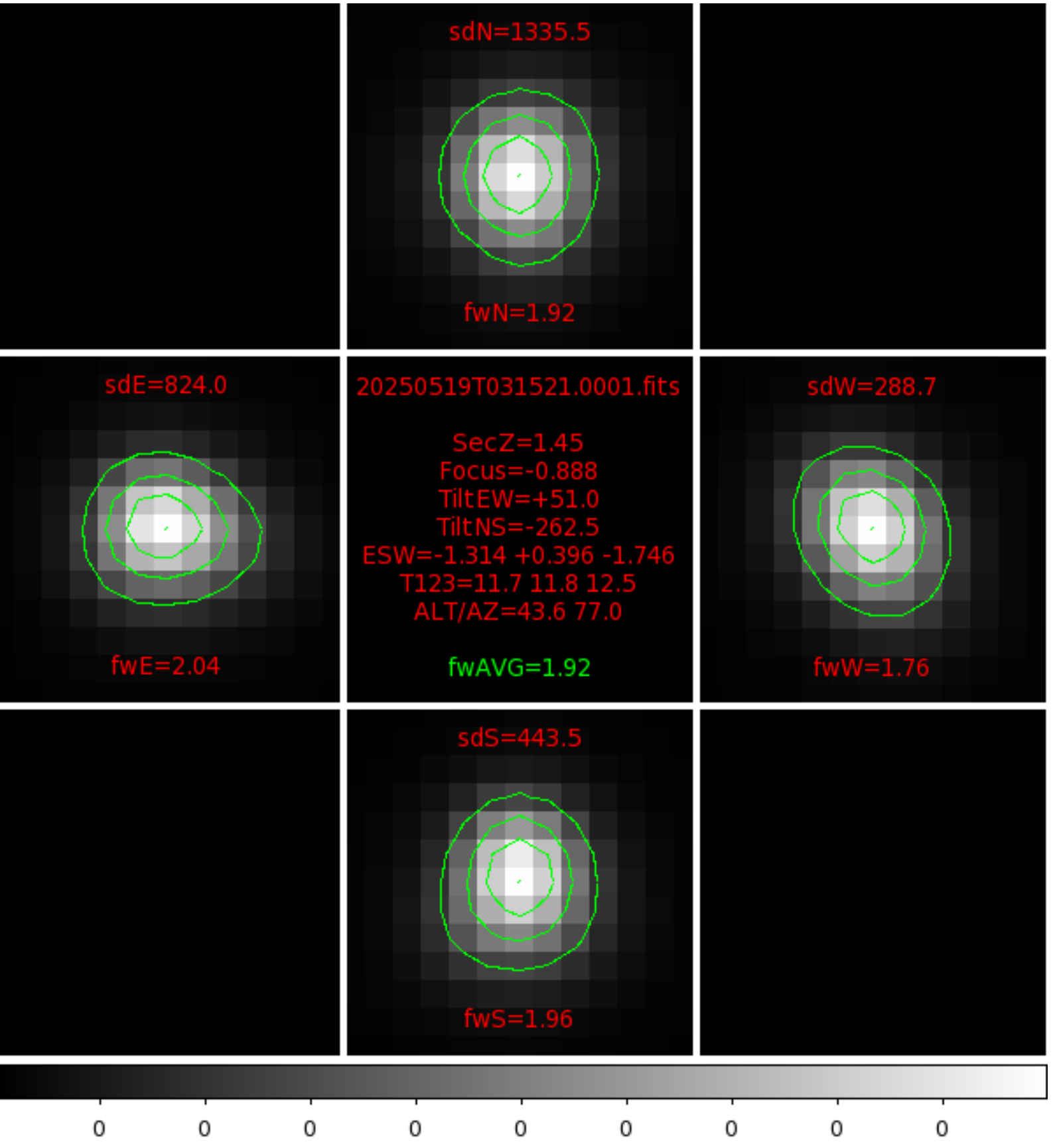
sdN=1335.5
fwN=1.92
sdE=824.0
fwE=2.04
20250519T031521.0001.fits
SecZ=1.45
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.7 11.8 12.5
ALT/AZ=43.6 77.0
fwAVG=1.92
sdW=288.7
fwW=1.76
sdS=443.5
fwS=1.96
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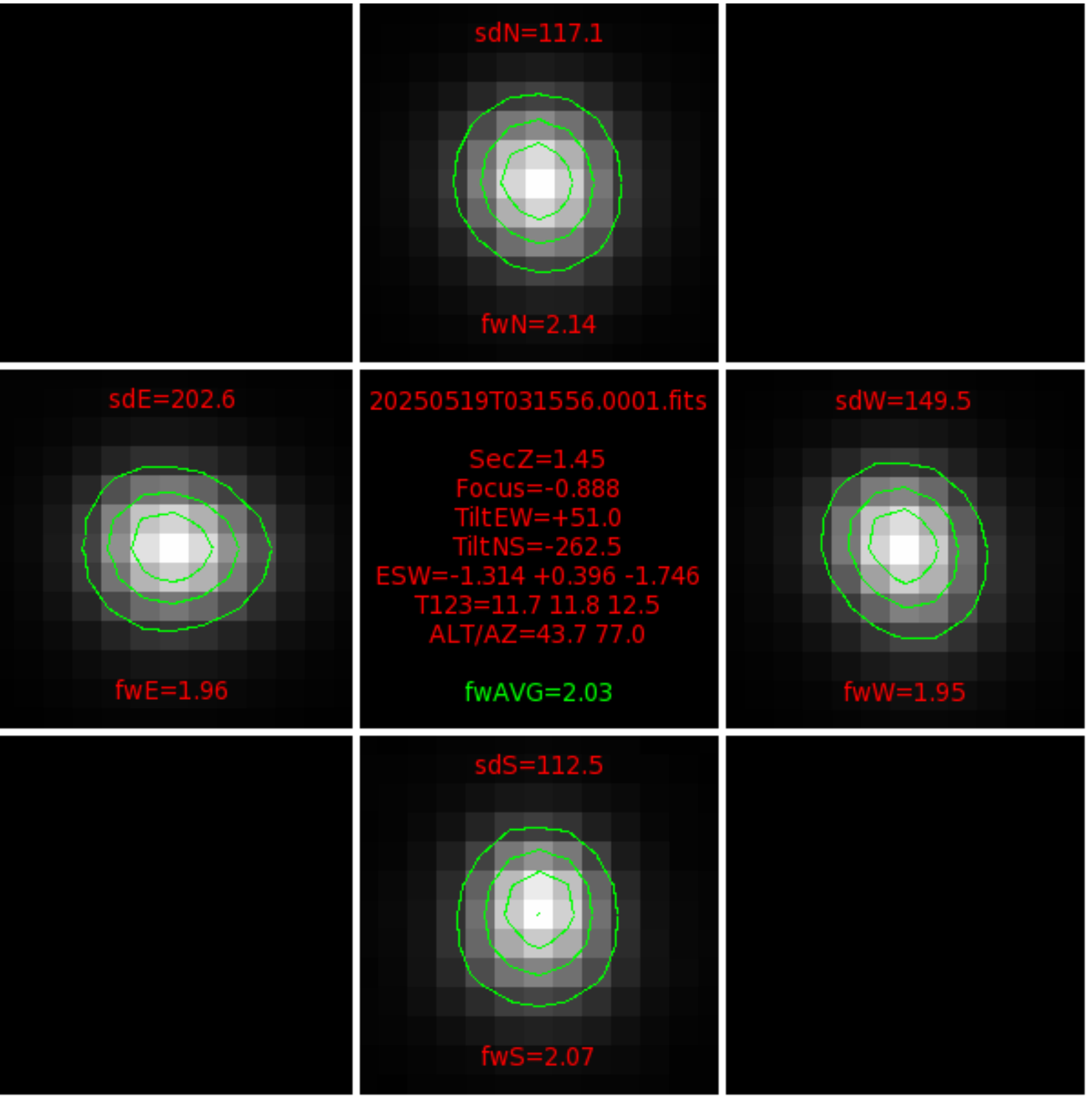
sdN=117.1
fwN=2.14
sdE=202.6
fwE=1.96
20250519T031556.0001.fits
SecZ=1.45
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.7 11.8 12.5
ALT/AZ=43.7 77.0
fwAVG=2.03
sdW=149.5
fwW=1.95
sdS=112.5
fwS=2.07
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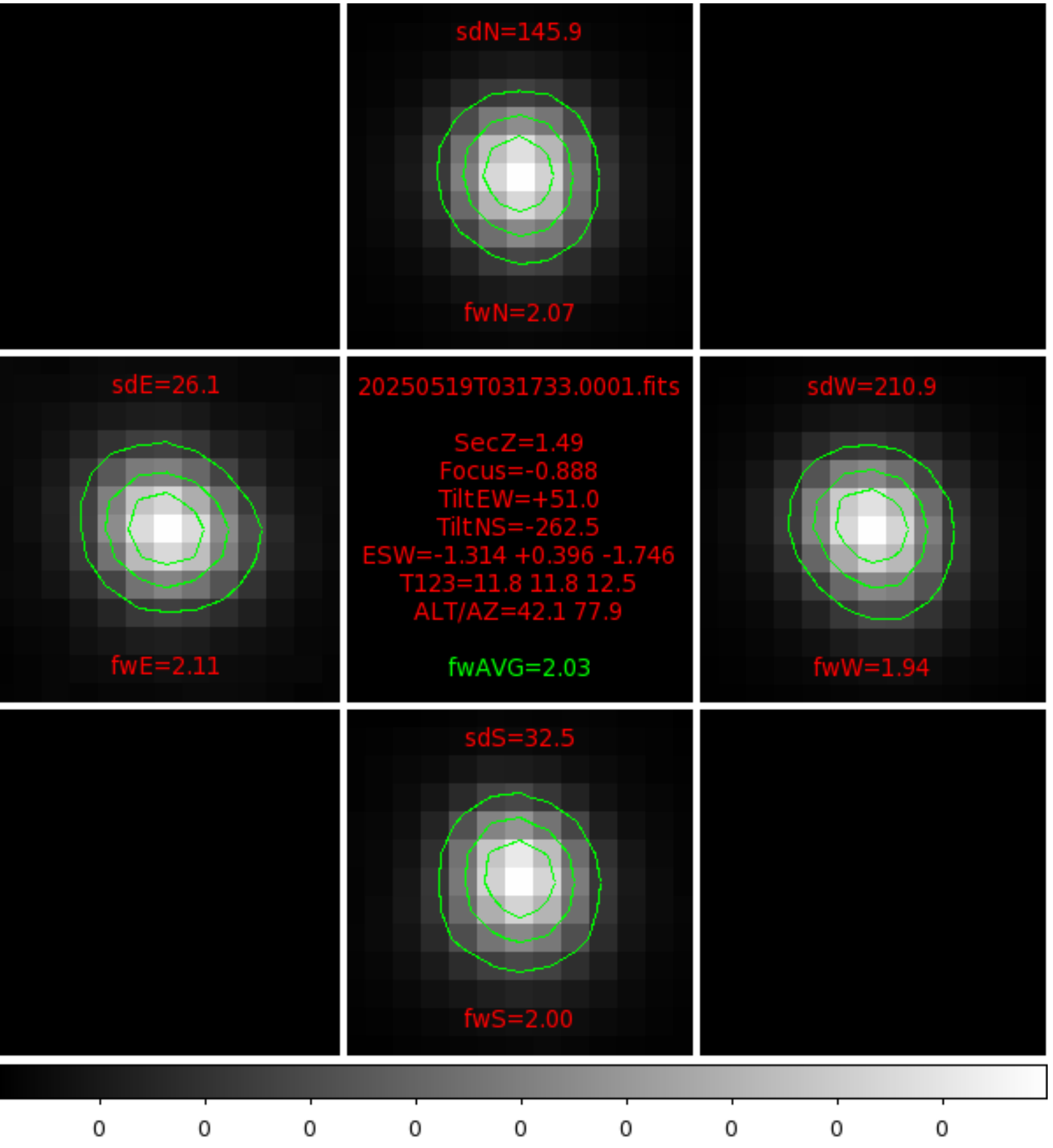
sdN=145.9
fwN=2.07
sdE=26.1
fwE=2.11
20250519T031733.0001.fits
SecZ=1.49
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=42.1 77.9
fwAVG=2.03
sdW=210.9
fwW=1.94
sdS=32.5
fwS=2.00
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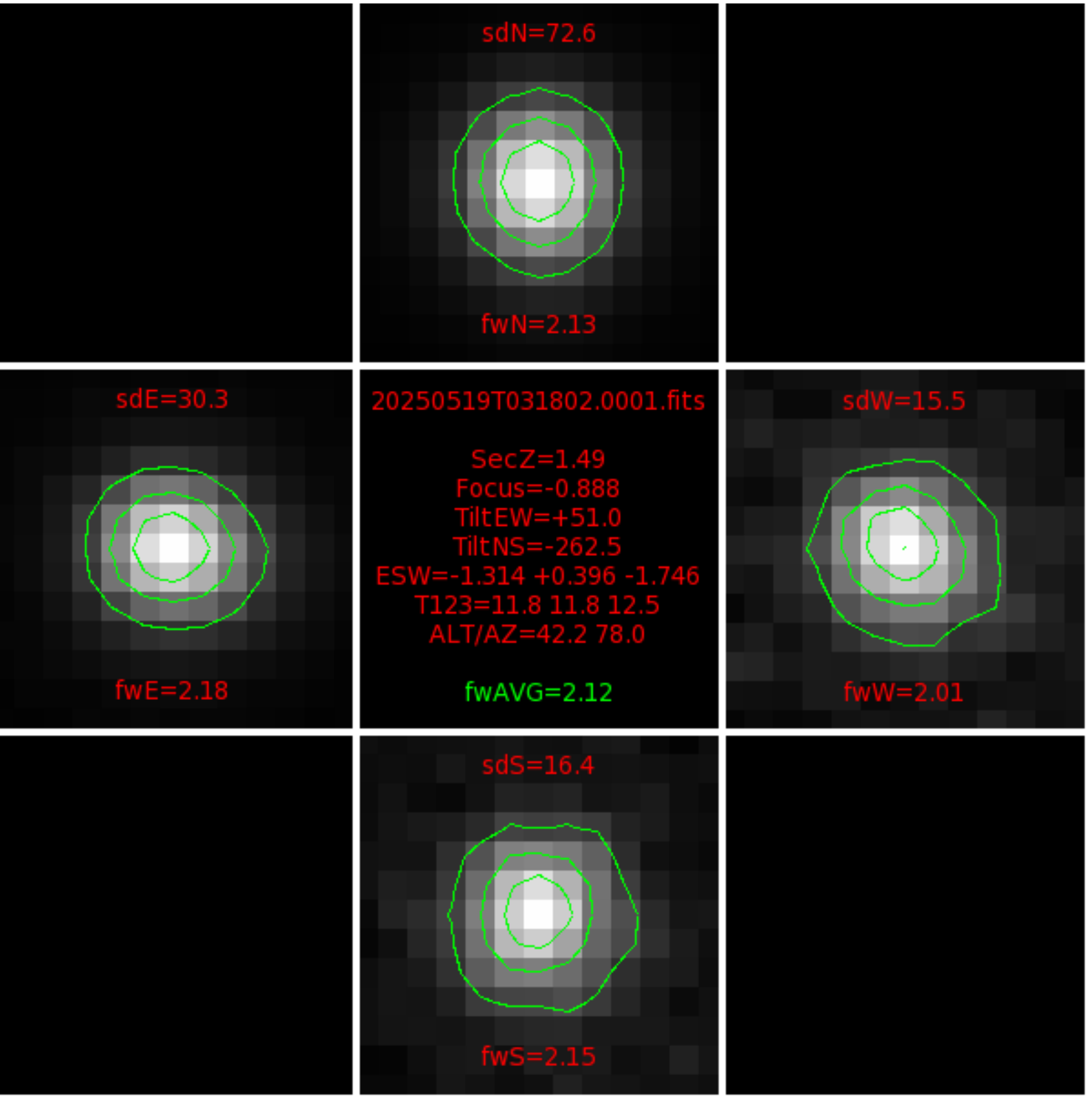
sdN=72.6
fwN=2.13
sdE=30.3
fwE=2.18
20250519T031802.0001.fits
SecZ=1.49
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=42.2 78.0
fwAVG=2.12
sdW=15.5
fwW=2.01
sdS=16.4
fwS=2.15
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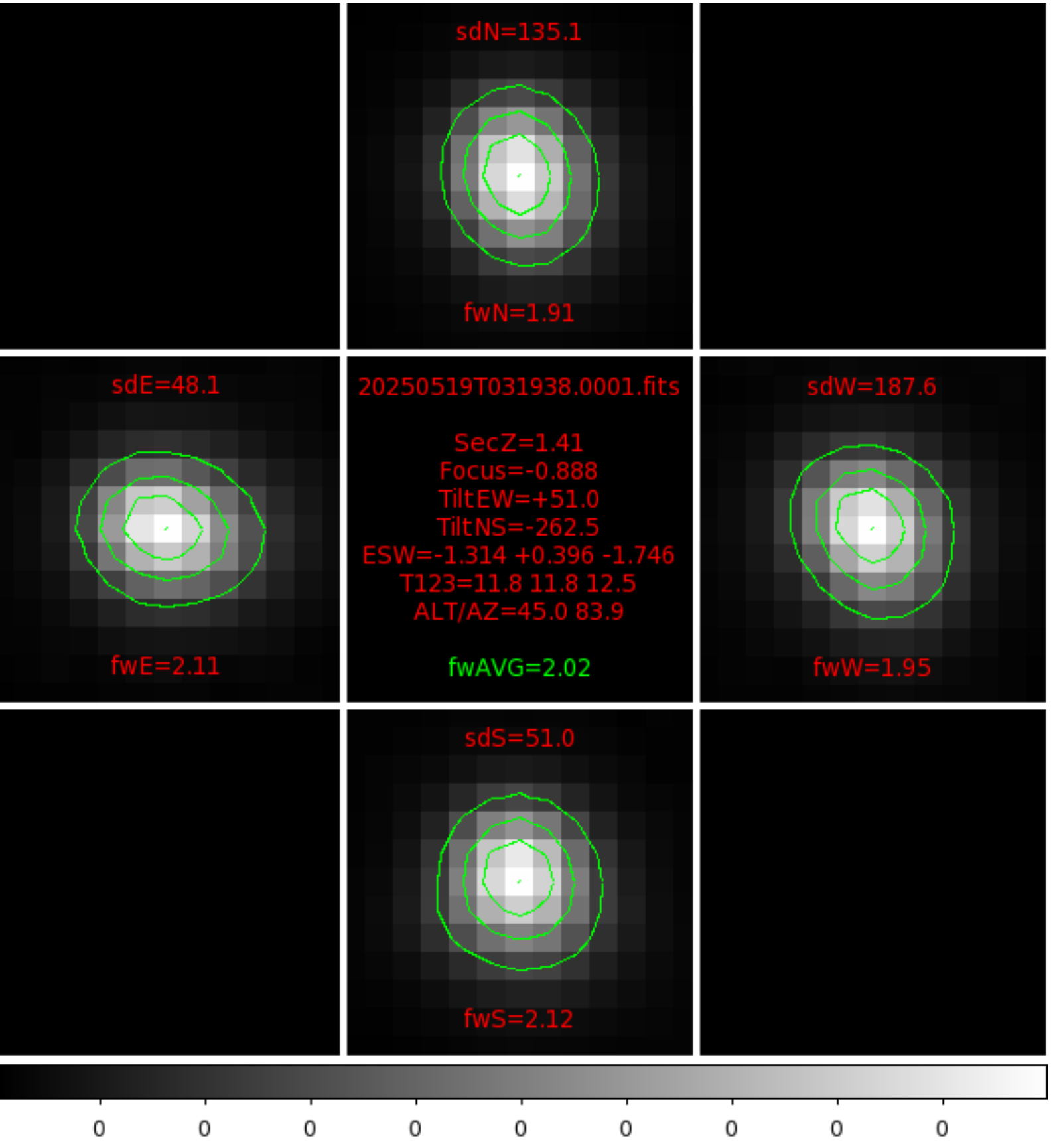
sdN=135.1
fwN=1.91
sdE=48.1
fwE=2.11
20250519T031938.0001.fits
SecZ=1.41
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=45.0 83.9
fwAVG=2.02
sdW=187.6
fwW=1.95
sdS=51.0
fwS=2.12
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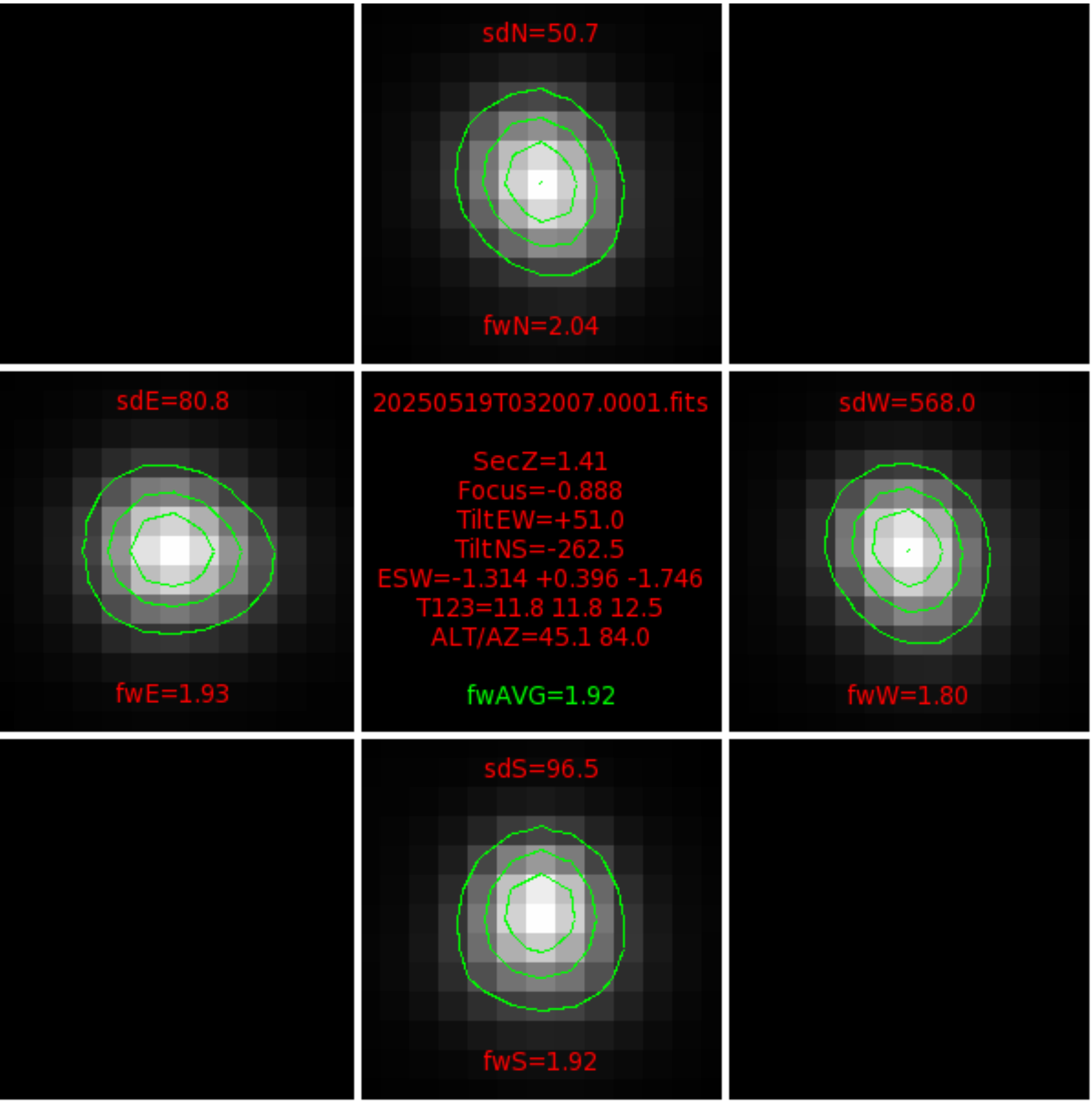
sdN=50.7
fwN=2.04
sdE=80.8
fwE=1.93
20250519T032007.0001.fits
SecZ=1.41
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=45.1 84.0
fwAVG=1.92
sdW=568.0
fwW=1.80
sdS=96.5
fwS=1.92
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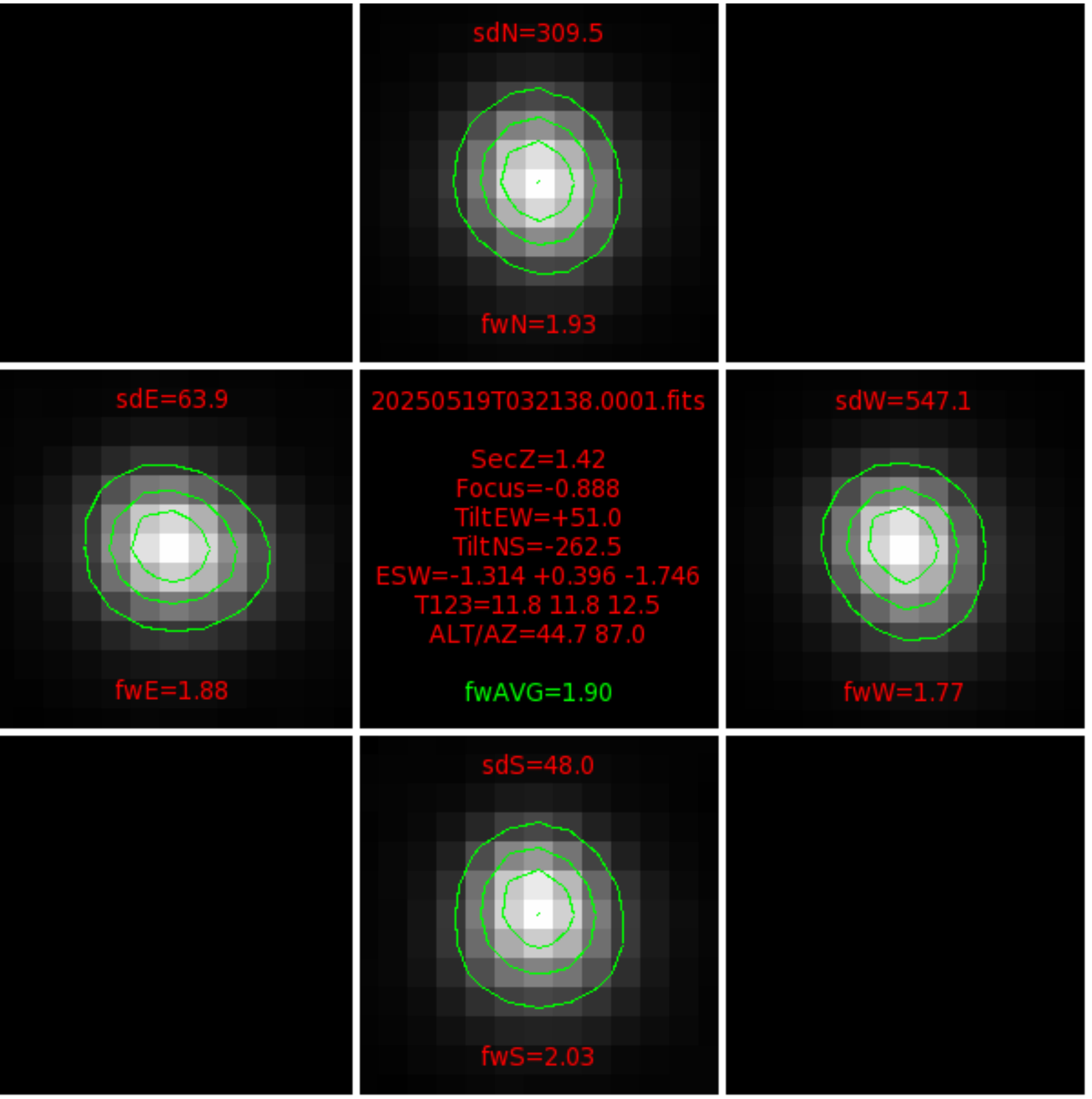
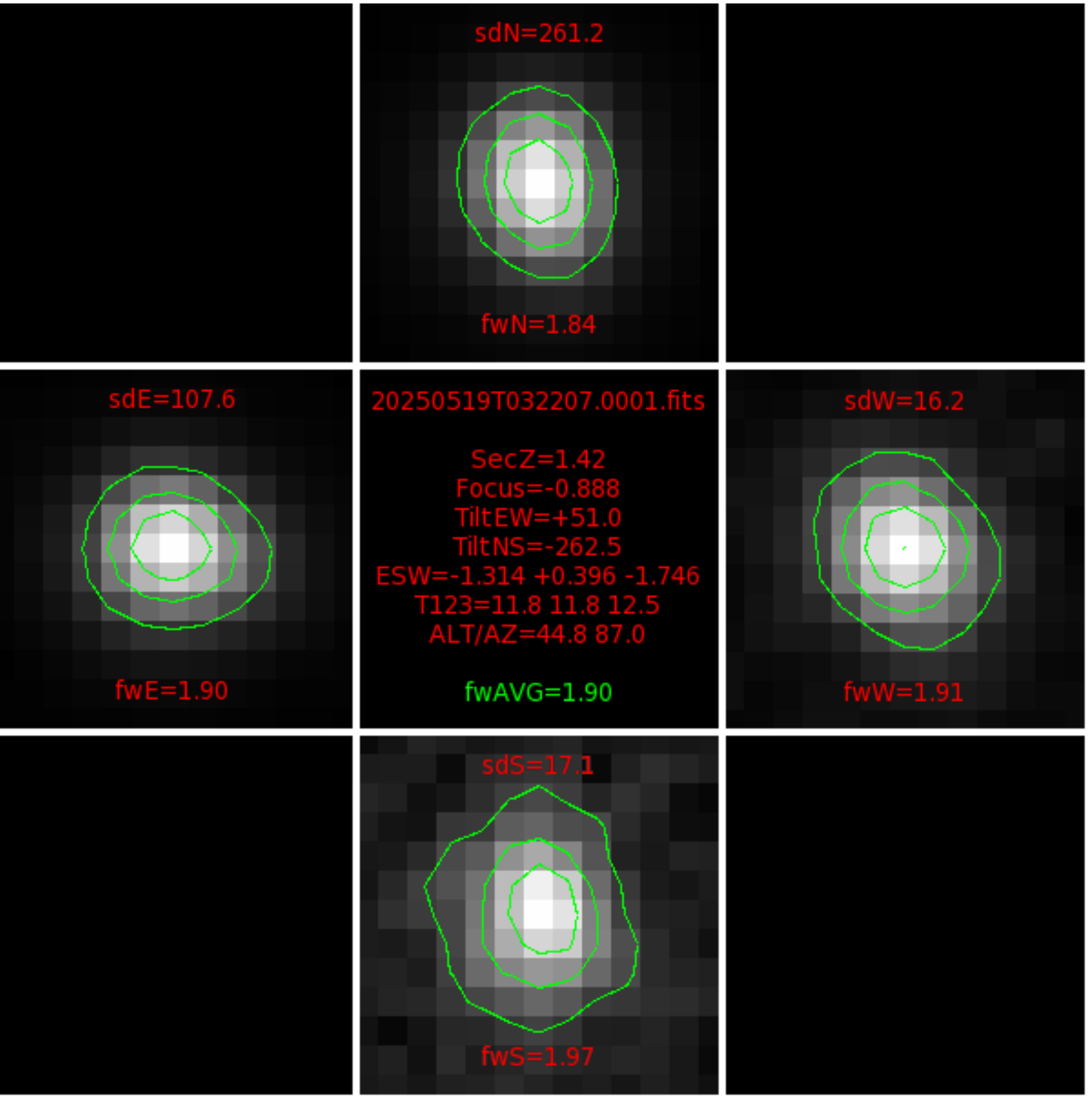

sdN=309.5
fwN=1.93
sdE=63.9
fwE=1.88
20250519T032138.0001.fits
SecZ=1.42
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=44.7 87.0
fwAVG=1.90
sdW=547.1
fwW=1.77
sdS=48.0
fwS=2.03
0 0 0 0 0 0 0 0 0


sdN=261.2
fwN=1.84
sdE=107.6
fwE=1.90
20250519T032207.0001.fits
SecZ=1.42
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=44.8 87.0
fwAVG=1.90
sdW=16.2
fwW=1.91
sdS=17.1
fwS=1.97
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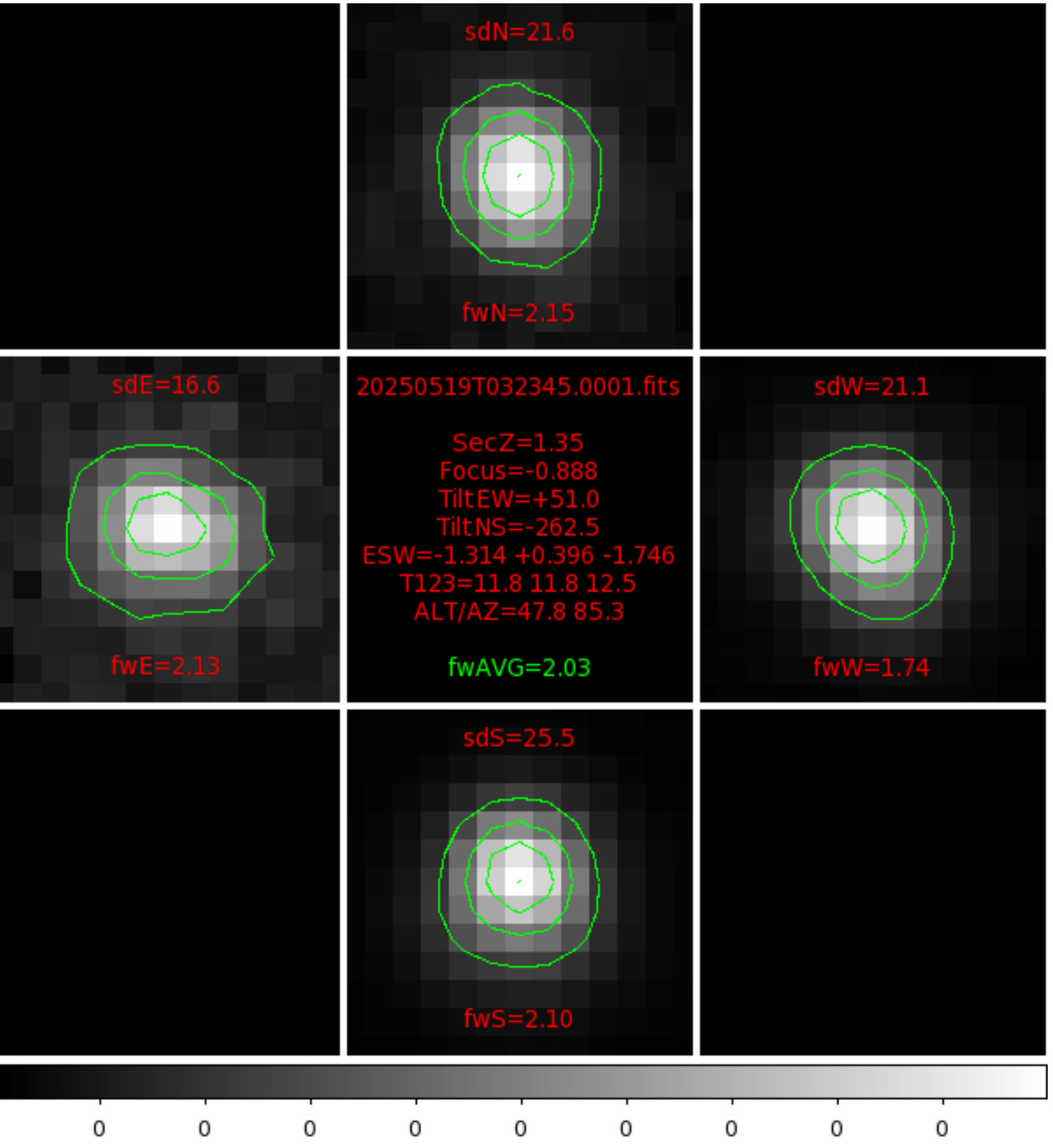
sdN=21.6
fwN=2.15
sdE=16.6
fwE=2.13
20250519T032345.0001.fits
SecZ=1.35
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=47.8 85.3
fwAVG=2.03
sdW=21.1
fwW=1.74
sdS=25.5
fwS=2.10
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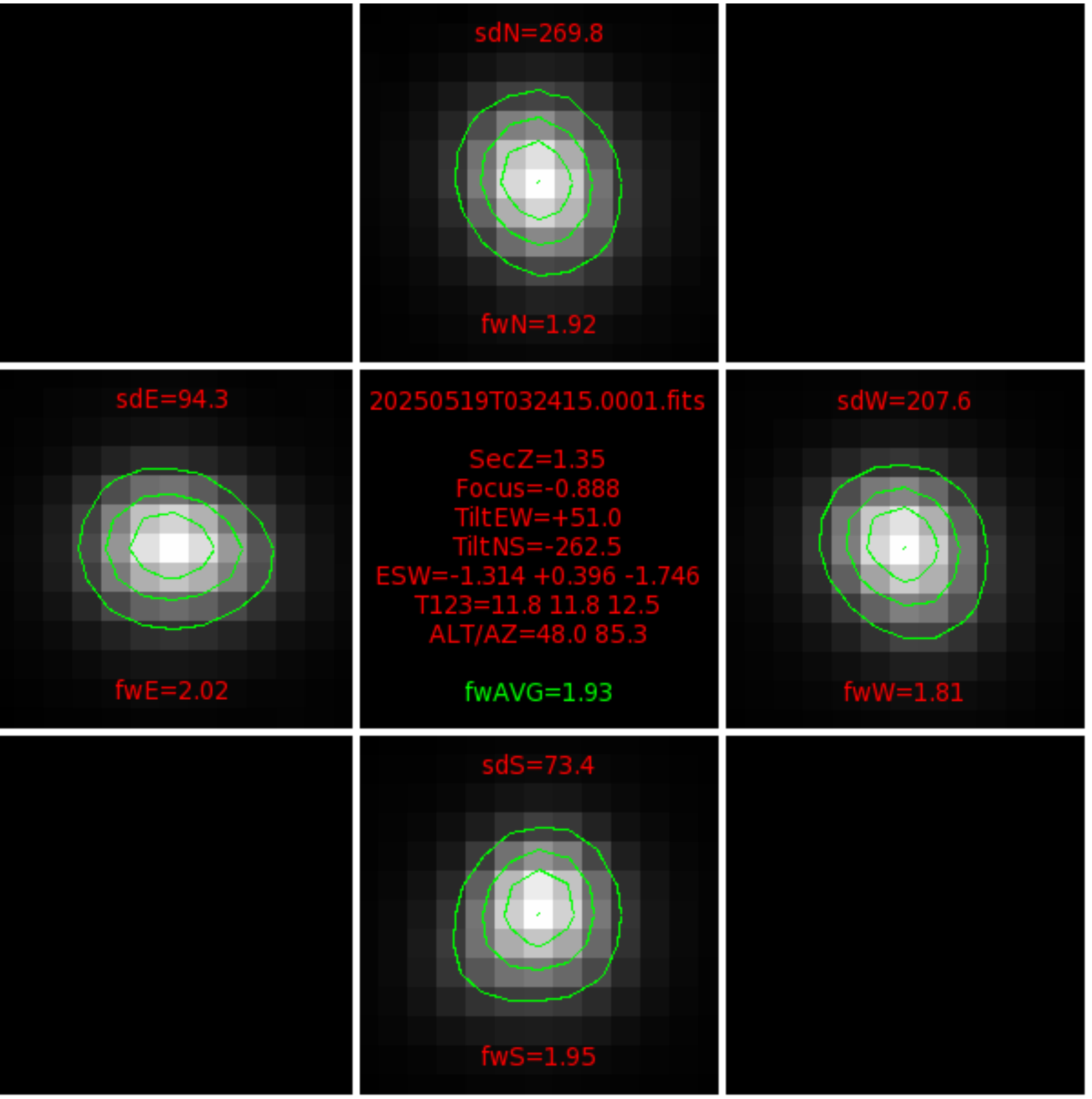
sdN=269.8
fwN=1.92
sdE=94.3
fwE=2.02
20250519T032415.0001.fits
SecZ=1.35
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=48.0 85.3
fwAVG=1.93
sdW=207.6
fwW=1.81
sdS=73.4
fwS=1.95
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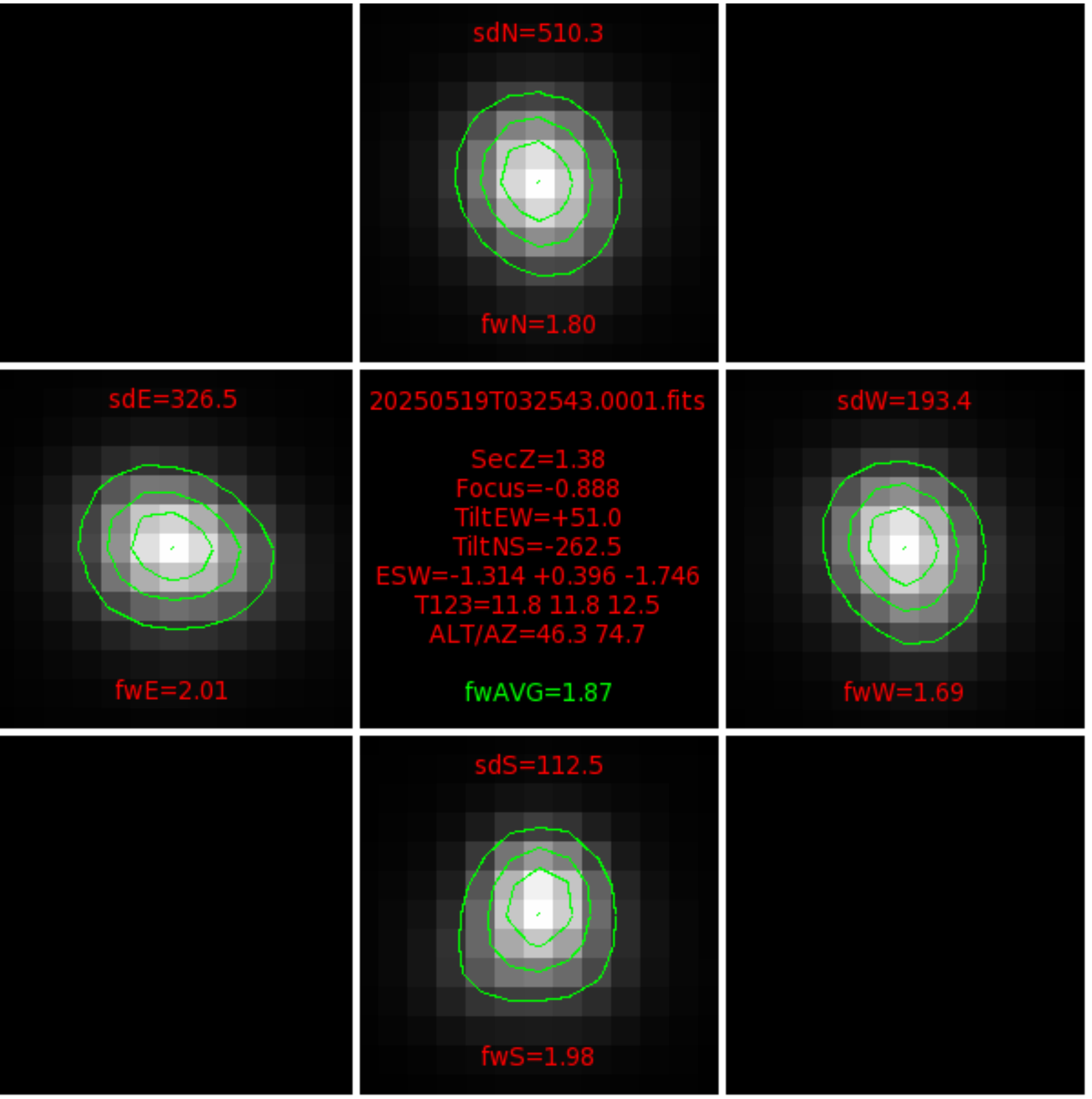
sdN=510.3
fwN=1.80
sdE=326.5
fwE=2.01
20250519T032543.0001.fits
SecZ=1.38
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=46.3 74.7
fwAVG=1.87
sdW=193.4
fwW=1.69
sdS=112.5
fwS=1.98
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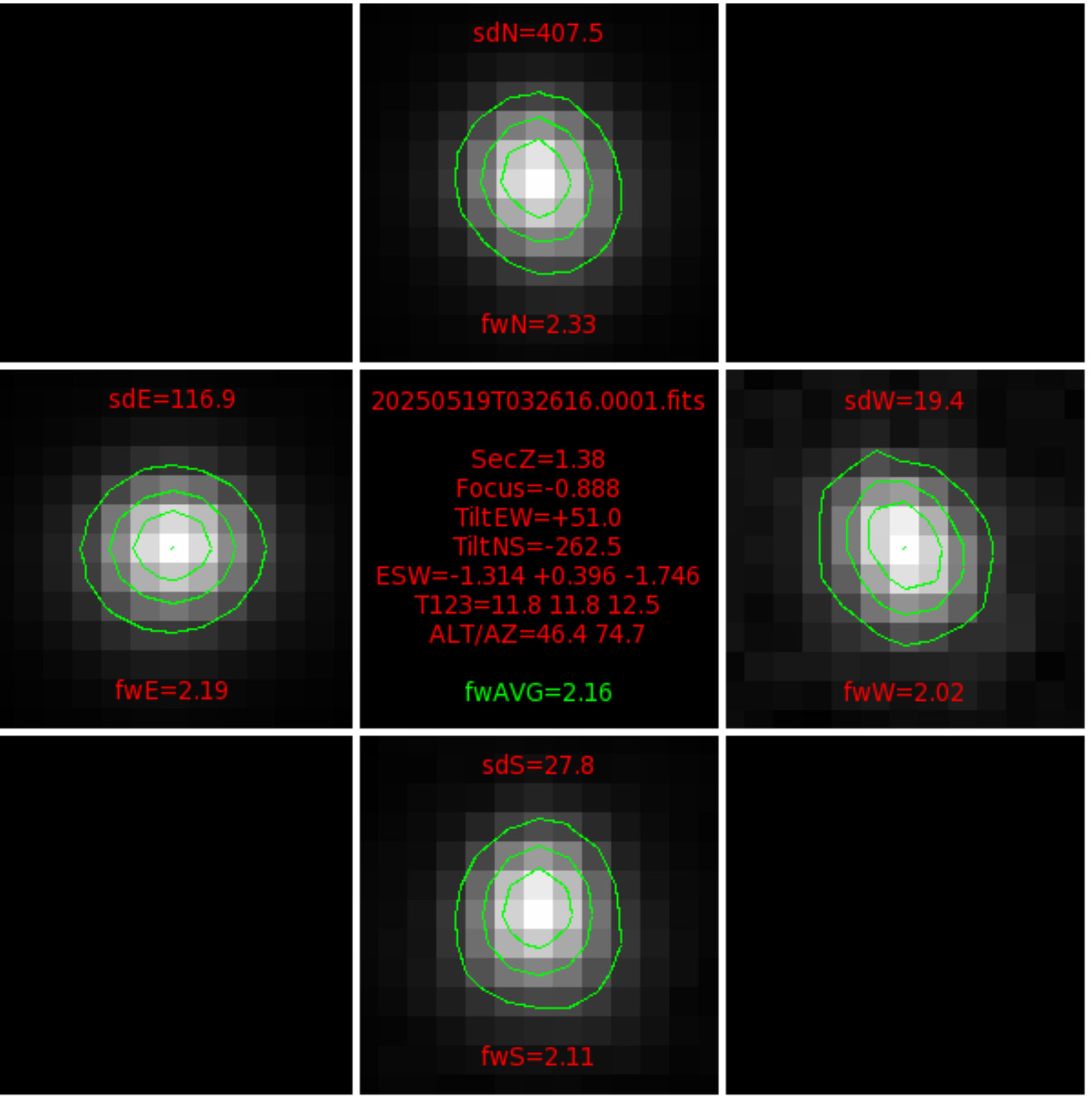
sdN=407.5
fwN=2.33
sdE=116.9
fwE=2.19
20250519T032616.0001.fits
SecZ=1.38
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=46.4 74.7
fwAVG=2.16
sdW=19.4
fwW=2.02
sdS=27.8
fwS=2.11
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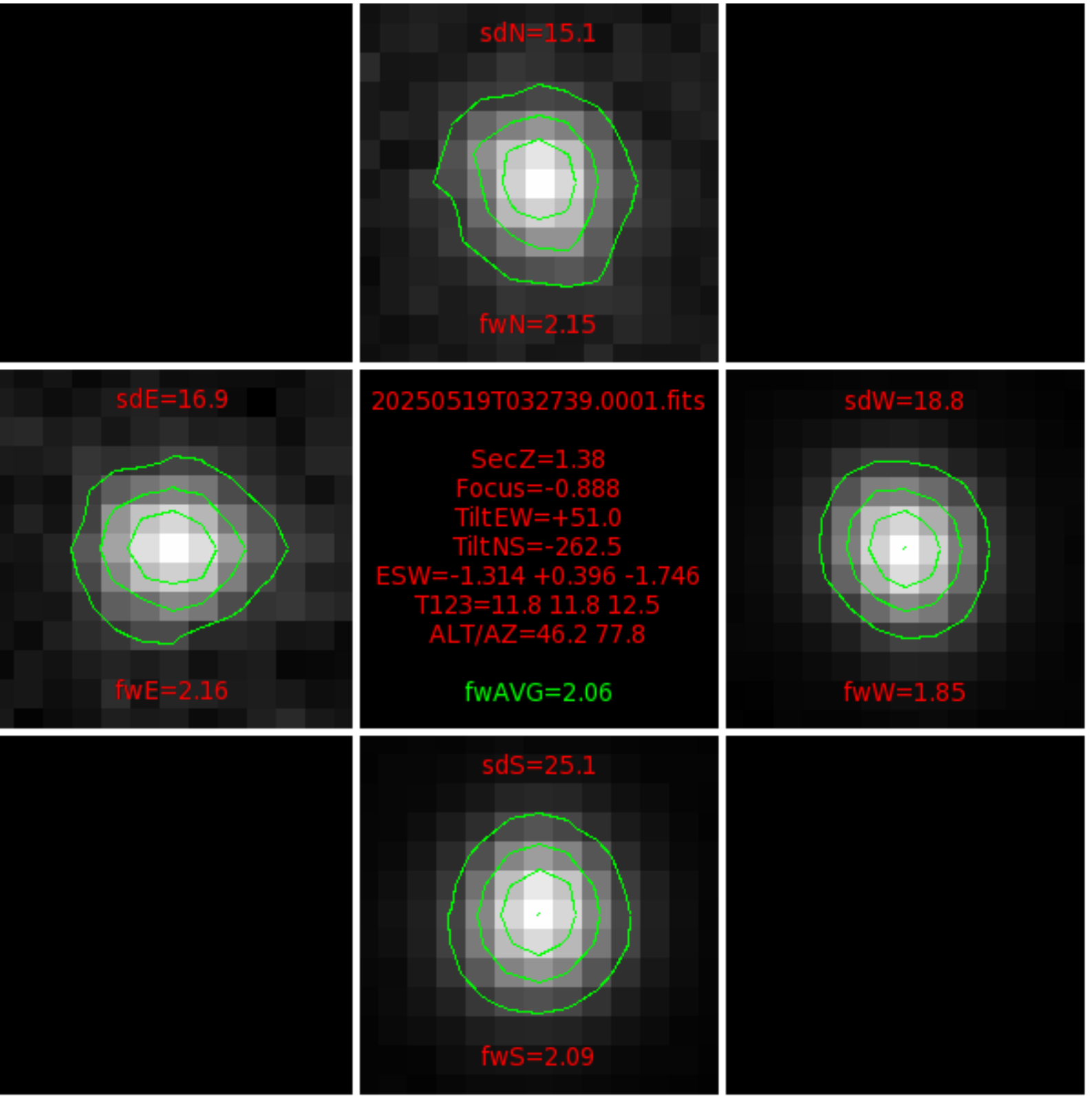
sdN=15.1
fwN=2.15
sdE=16.9
fwE=2.16
20250519T032739.0001.fits
SecZ=1.38
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=46.2 77.8
fwAVG=2.06
sdW=18.8
fwW=1.85
sdS=25.1
fwS=2.09
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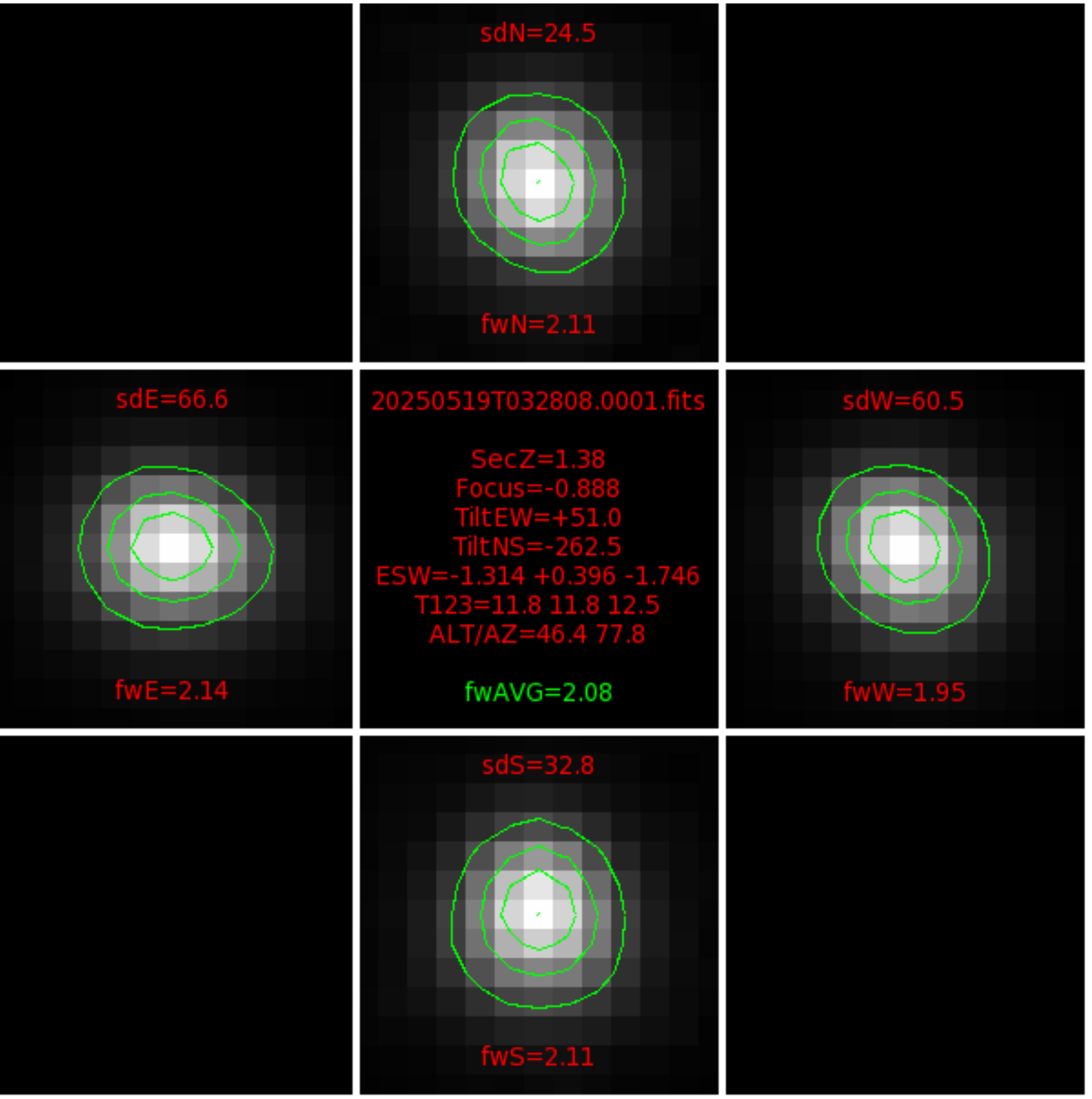
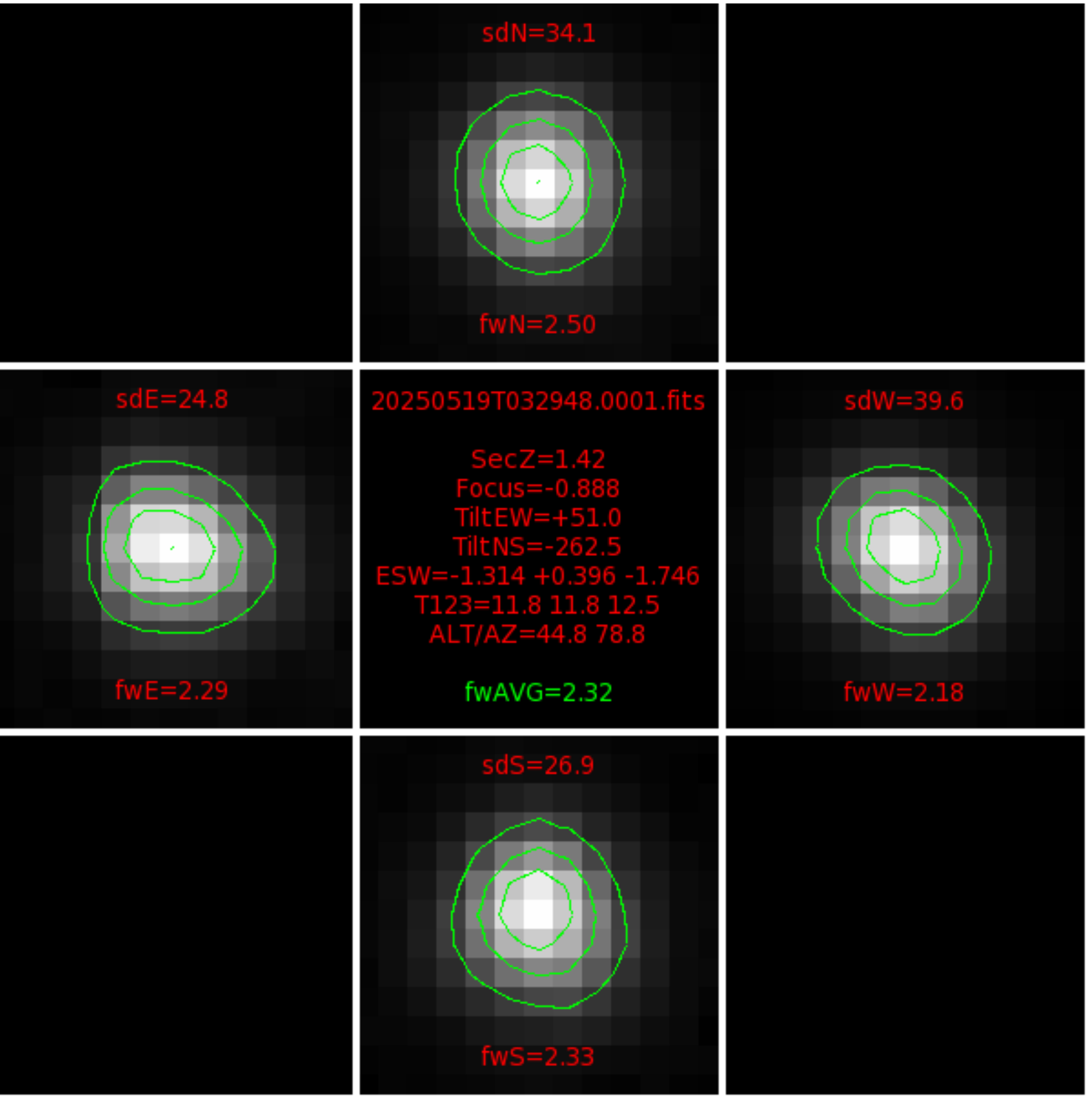

sdN=24.5
fwN=2.11
sdE=66.6
fwE=2.14
20250519T032808.0001.fits
SecZ=1.38
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=46.4 77.8
fwAVG=2.08
sdW=60.5
fwW=1.95
sdS=32.8
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=34.1
fwN=2.50
sdE=24.8
fwE=2.29
20250519T032948.0001.fits
SecZ=1.42
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=44.8 78.8
fwAVG=2.32
sdW=39.6
fwW=2.18
sdS=26.9
fwS=2.33
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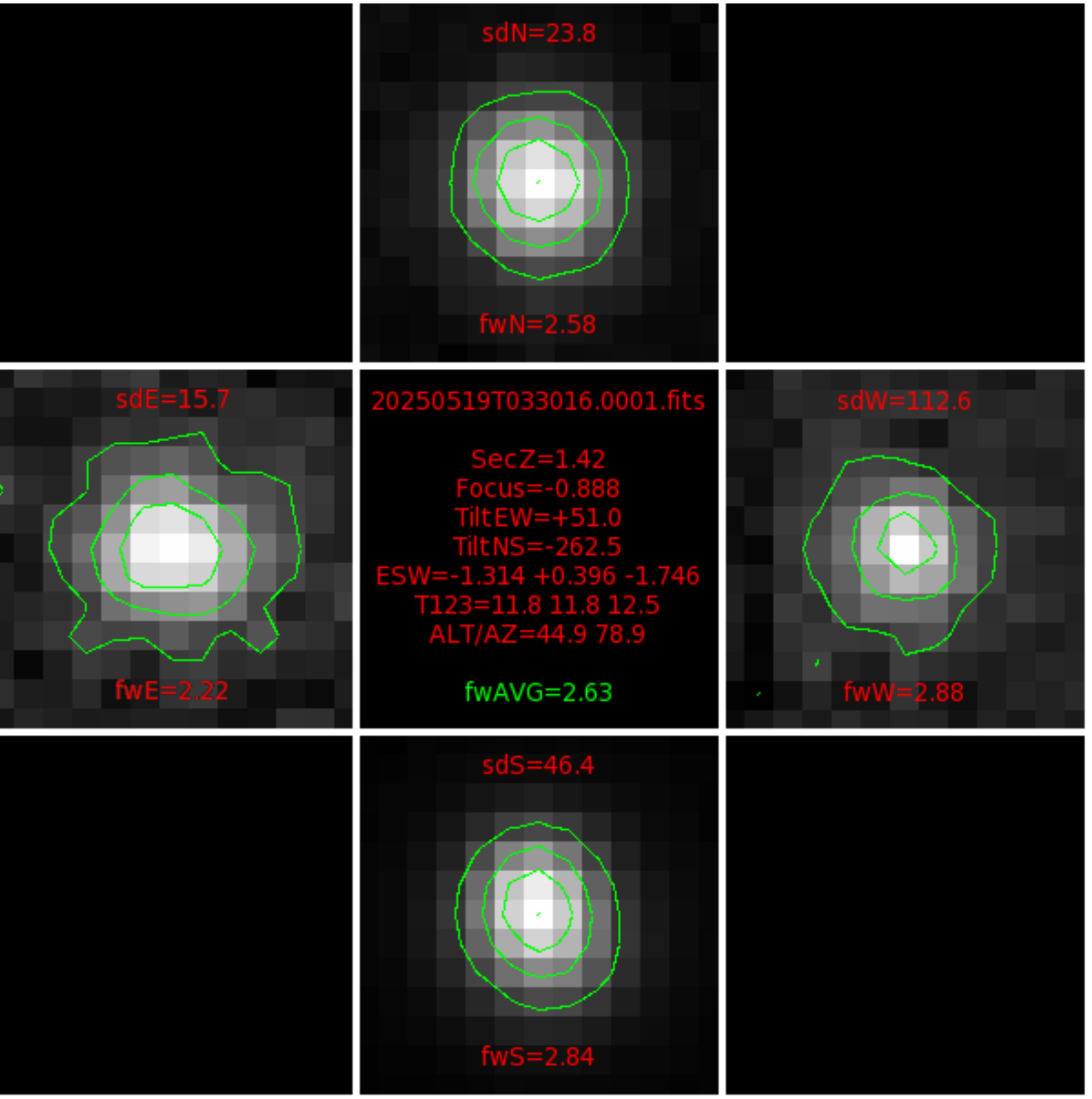
sdN=23.8
fwN=2.58
sdE=15.7
fwE=2.22
20250519T033016.0001.fits
SecZ=1.42
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=44.9 78.9
fwAVG=2.63
sdW=112.6
fwW=2.88
sdS=46.4
fwS=2.84
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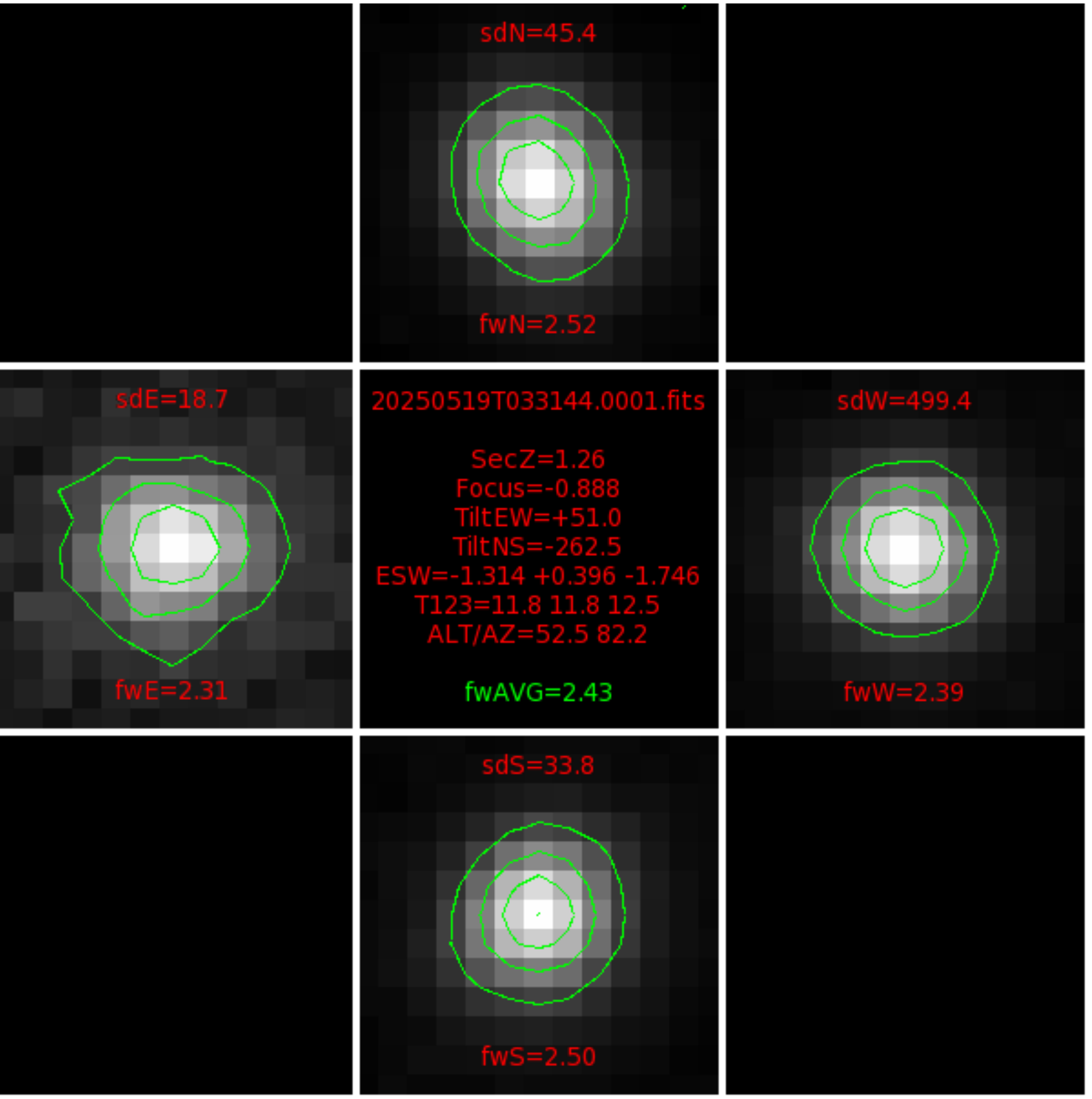
sdN=45.4
fwN=2.52
sdE=18.7
fwE=2.31
20250519T033144.0001.fits
SecZ=1.26
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=52.5 82.2
fwAVG=2.43
sdW=499.4
fwW=2.39
sdS=33.8
fwS=2.50
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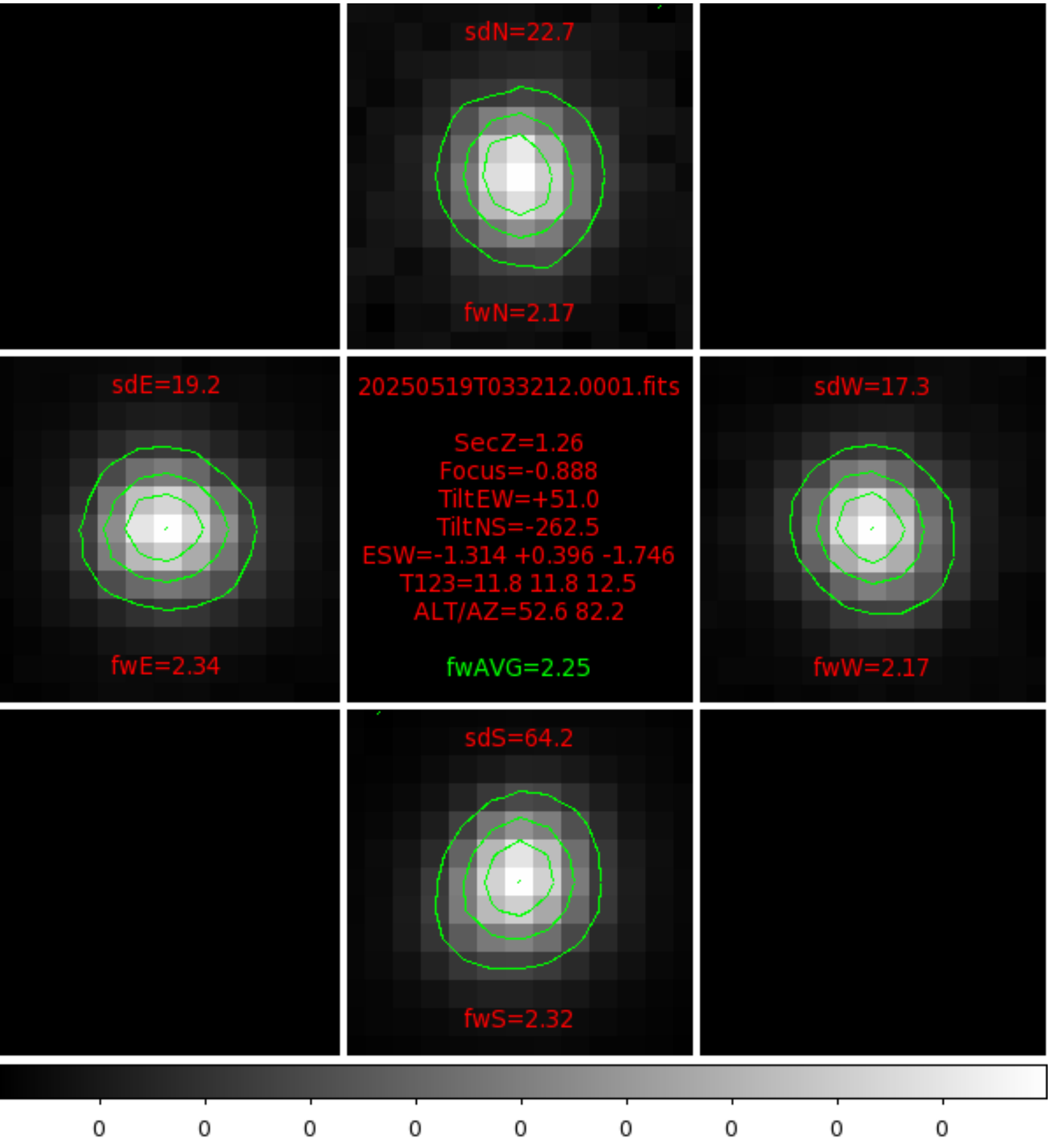
sdN=22.7
fwN=2.17
sdE=19.2
fwE=2.34
20250519T033212.0001.fits
SecZ=1.26
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=52.6 82.2
fwAVG=2.25
sdW=17.3
fwW=2.17
sdS=64.2
fwS=2.32
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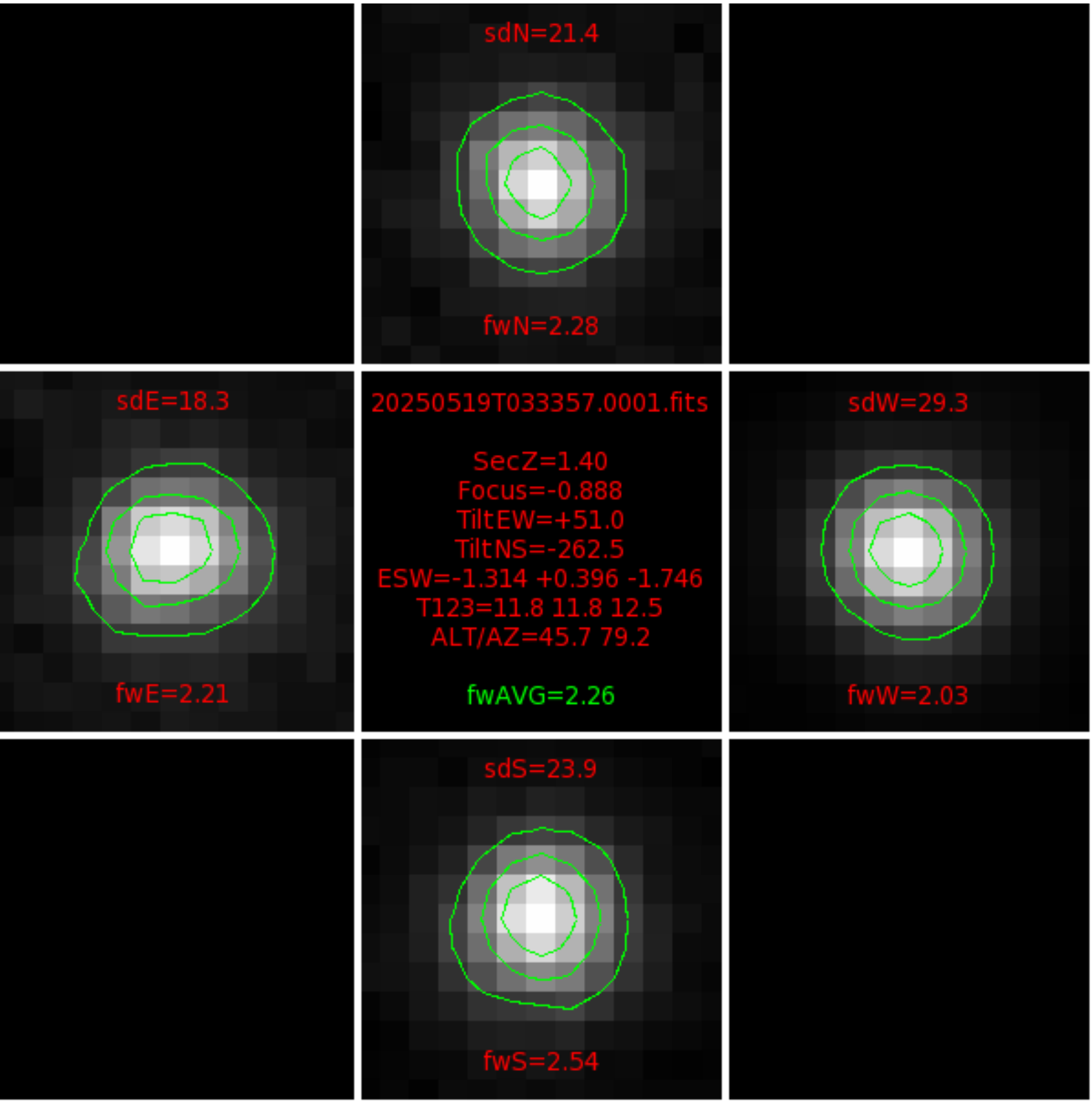
sdN=21.4
fwN=2.28
sdE=18.3
fwE=2.21
20250519T033357.0001.fits
SecZ=1.40
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.8 11.8 12.5
ALT/AZ=45.7 79.2
fwAVG=2.26
sdW=29.3
fwW=2.03
sdS=23.9
fwS=2.54
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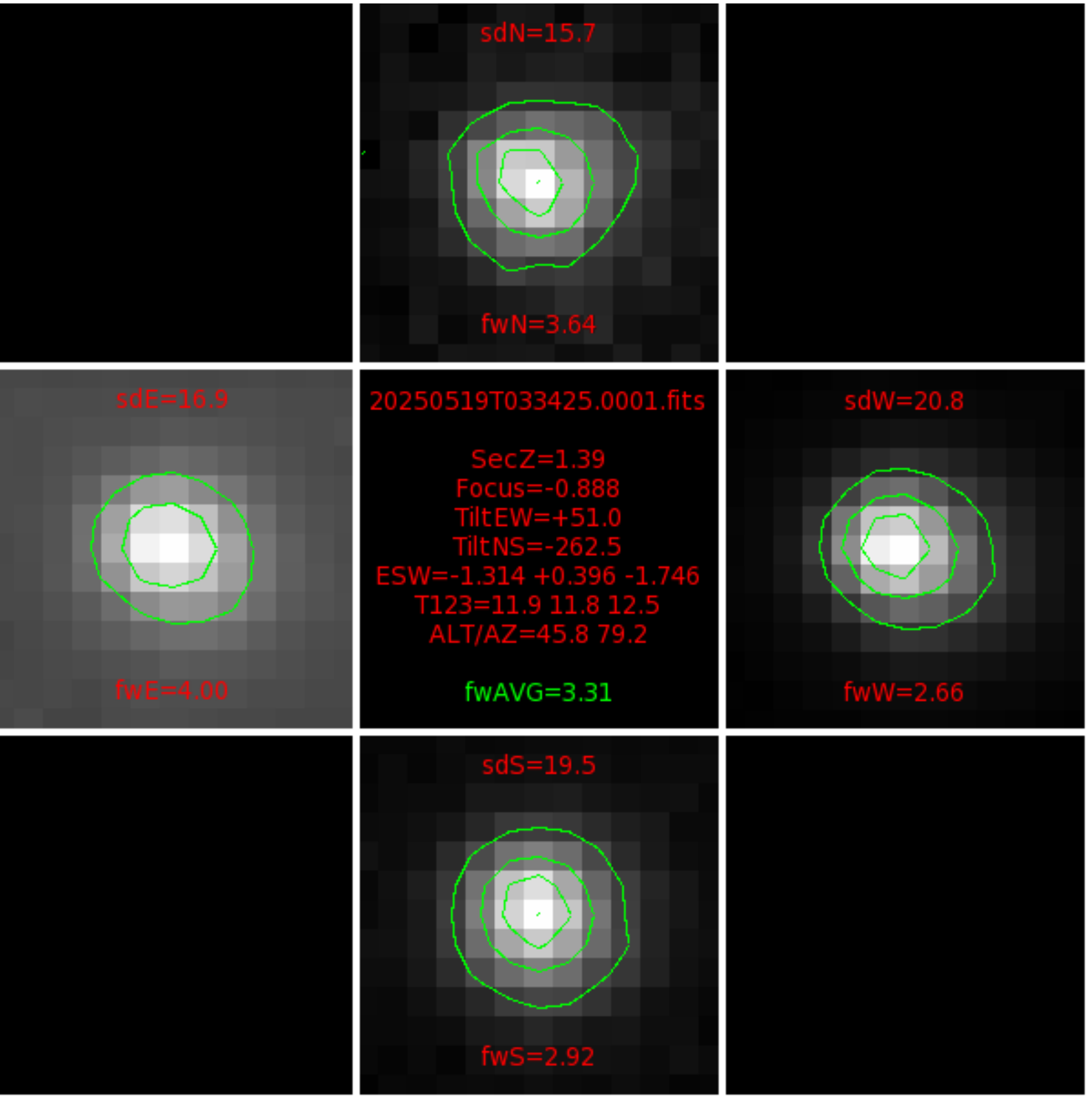
sdN=15.7
fwN=3.64
sdE=16.9
fwE=4.00
20250519T033425.0001.fits
SecZ=1.39
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.9 11.8 12.5
ALT/AZ=45.8 79.2
fwAVG=3.31
sdW=20.8
fwW=2.66
sdS=19.5
fwS=2.92
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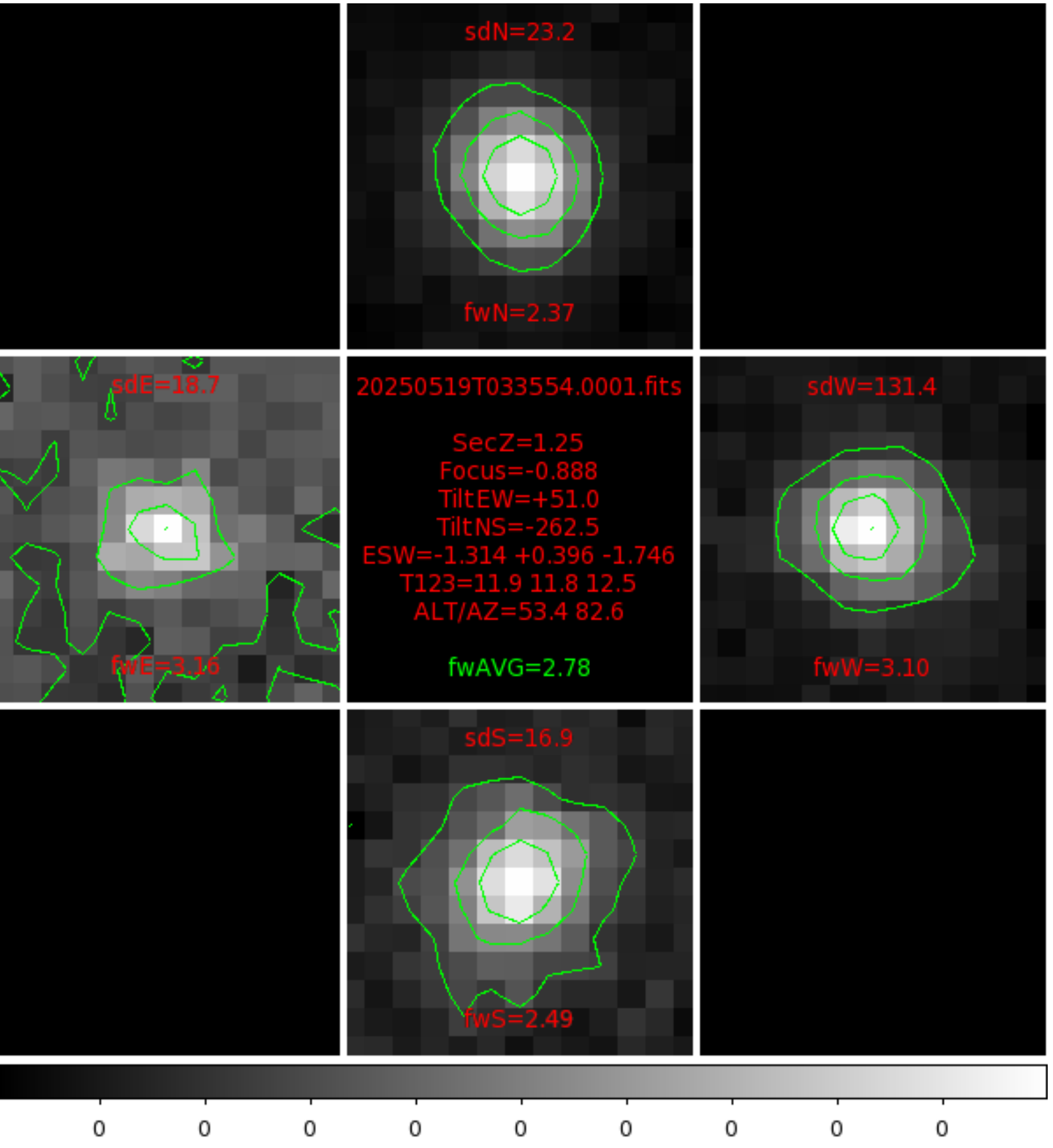
sdN=23.2
fwN=2.37
sdE=18.7
fwE=3.16
20250519T033554.0001.fits
SecZ=1.25
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.9 11.8 12.5
ALT/AZ=53.4 82.6
fwAVG=2.78
sdW=131.4
fwW=3.10
sdS=16.9
fwS=2.49
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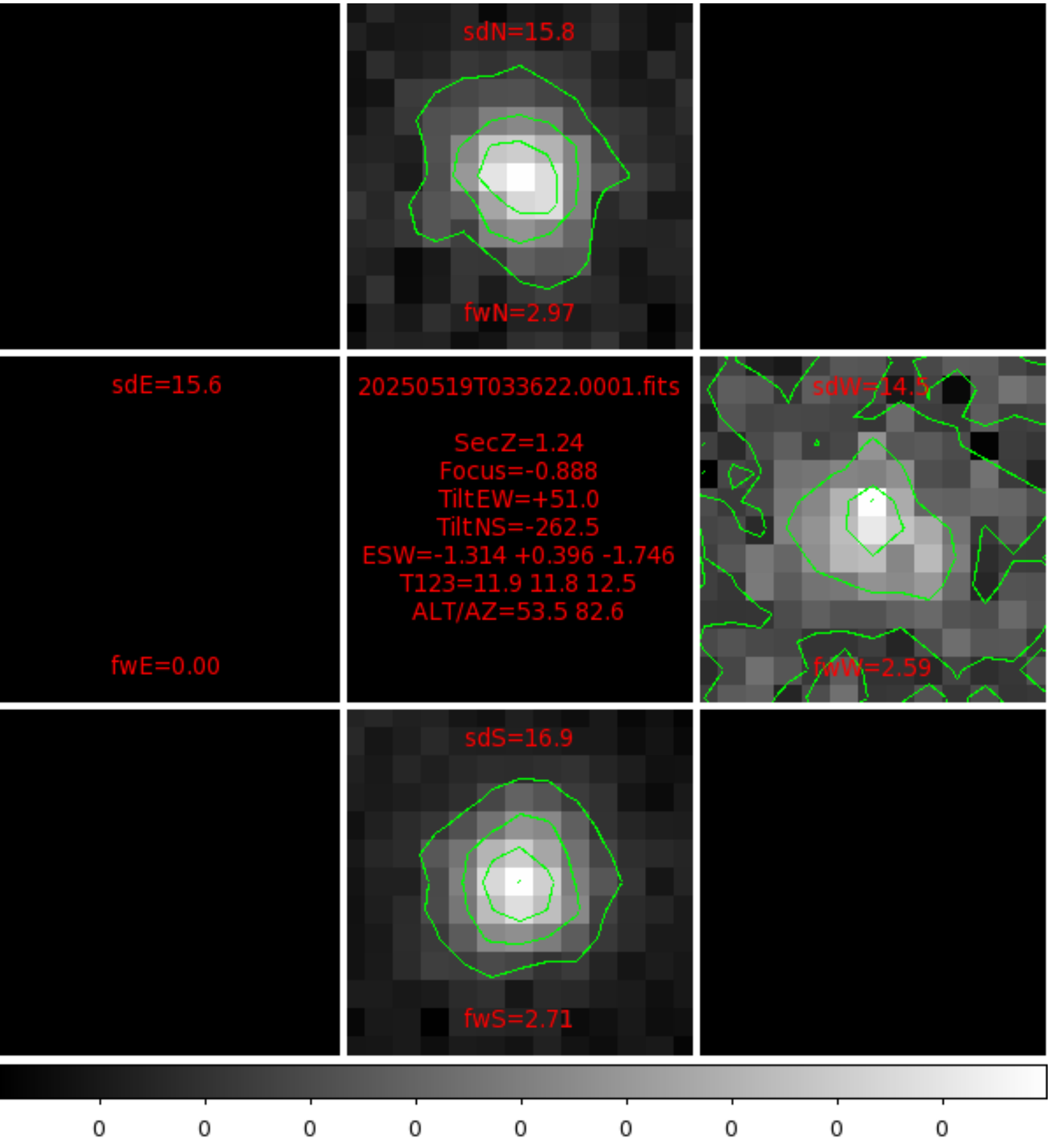
sdN=15.8
fwN=2.97
sdE=15.6
fwE=0.00
20250519T033622.0001.fits
SecZ=1.24
Focus=-0.888
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.314 +0.396 -1.746
T123=11.9 11.8 12.5
ALT/AZ=53.5 82.6
sdW=14.5
fwW=2.59
sdS=16.9
fwS=2.71
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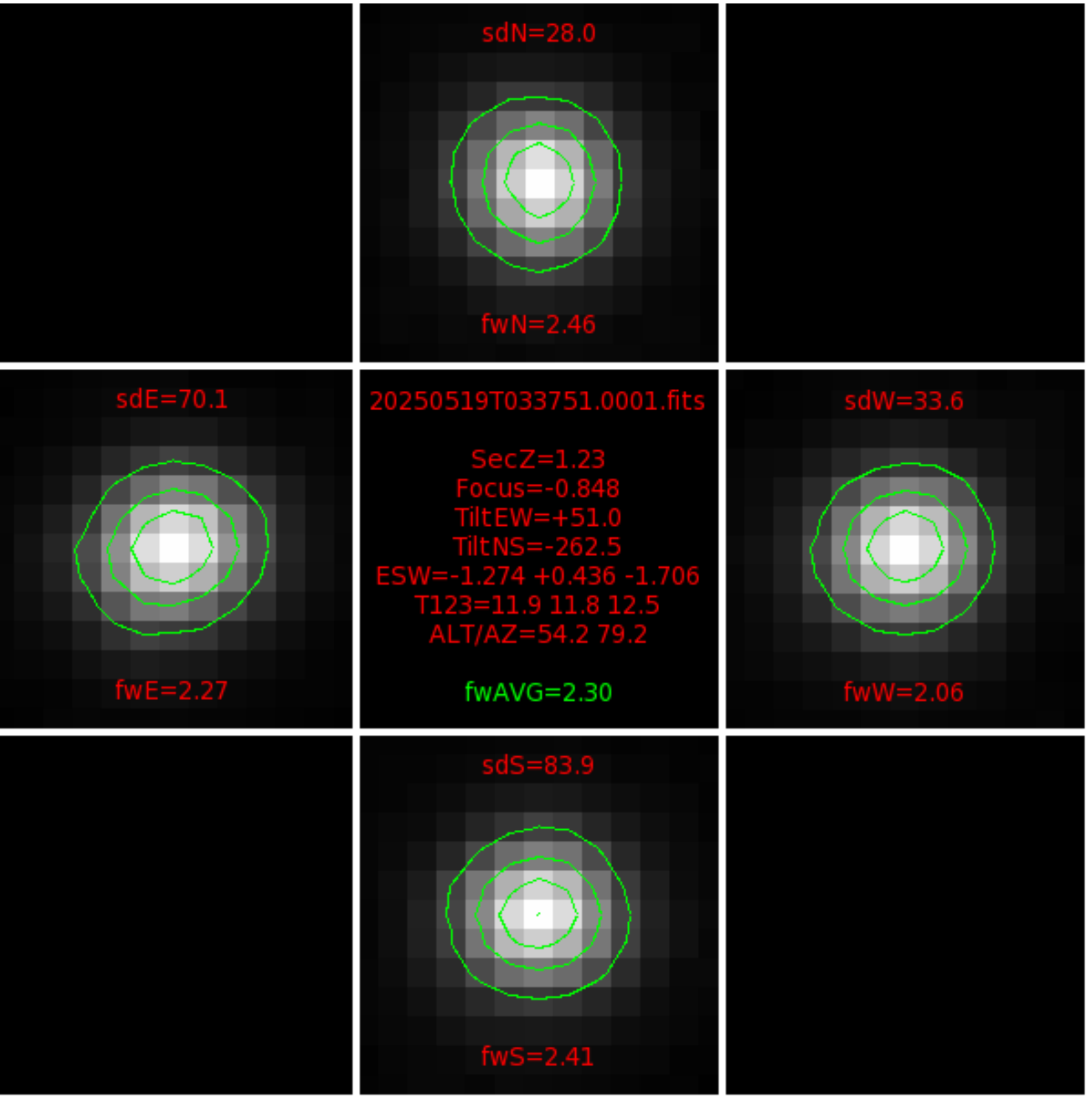
sdN=28.0
fwN=2.46
sdE=70.1
fwE=2.27
20250519T033751.0001.fits
SecZ=1.23
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.8 12.5
ALT/AZ=54.2 79.2
fwAVG=2.30
sdW=33.6
fwW=2.06
sdS=83.9
fwS=2.41
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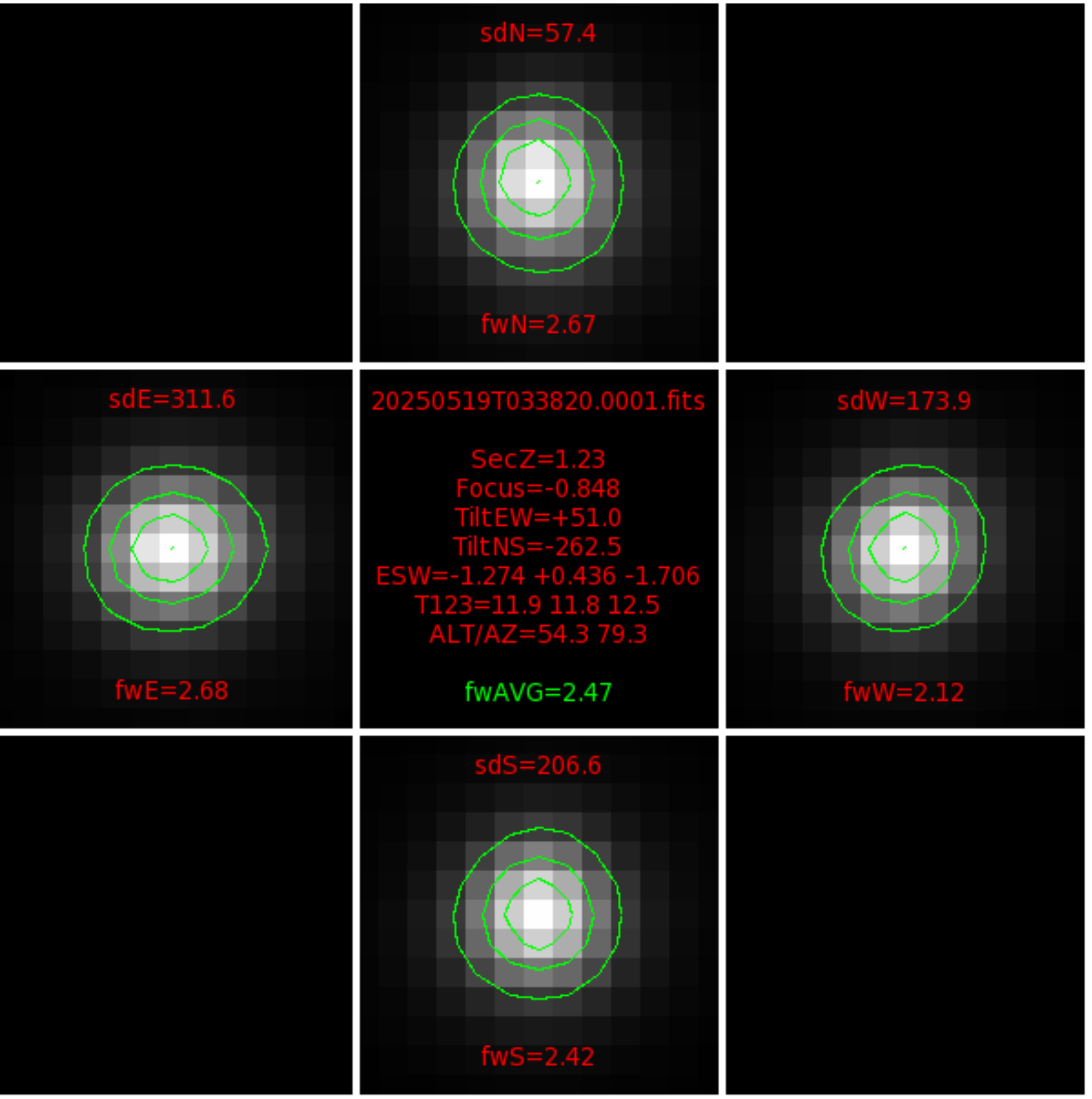
sdN=57.4
fwN=2.67
sdE=311.6
fwE=2.68
20250519T033820.0001.fits
SecZ=1.23
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.8 12.5
ALT/AZ=54.3 79.3
fwAVG=2.47
sdW=173.9
fwW=2.12
sdS=206.6
fwS=2.42
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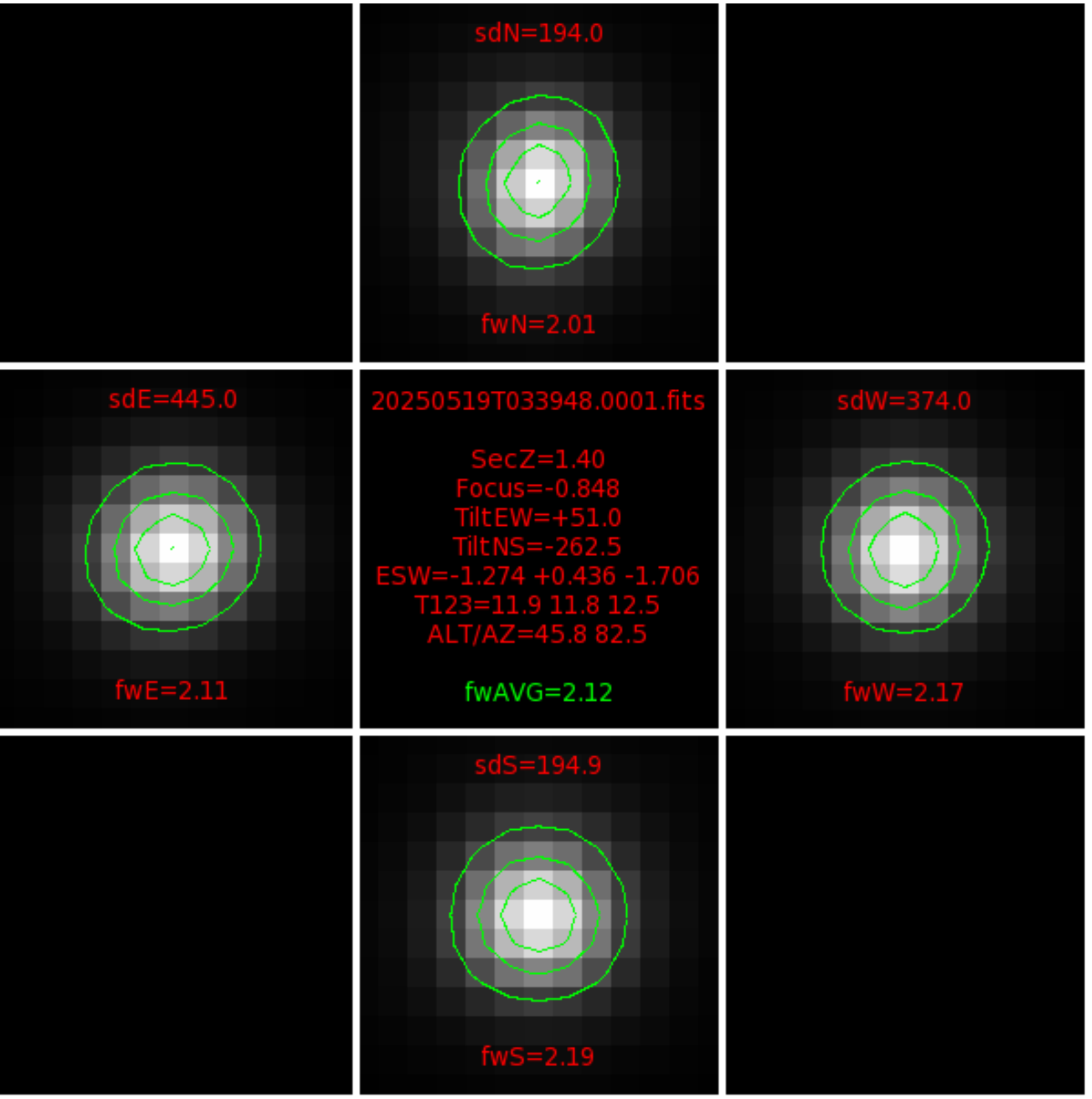
sdN=194.0
fwN=2.01
sdE=445.0
fwE=2.11
20250519T033948.0001.fits
SecZ=1.40
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.8 12.5
ALT/AZ=45.8 82.5
fwAVG=2.12
sdW=374.0
fwW=2.17
sdS=194.9
fwS=2.19
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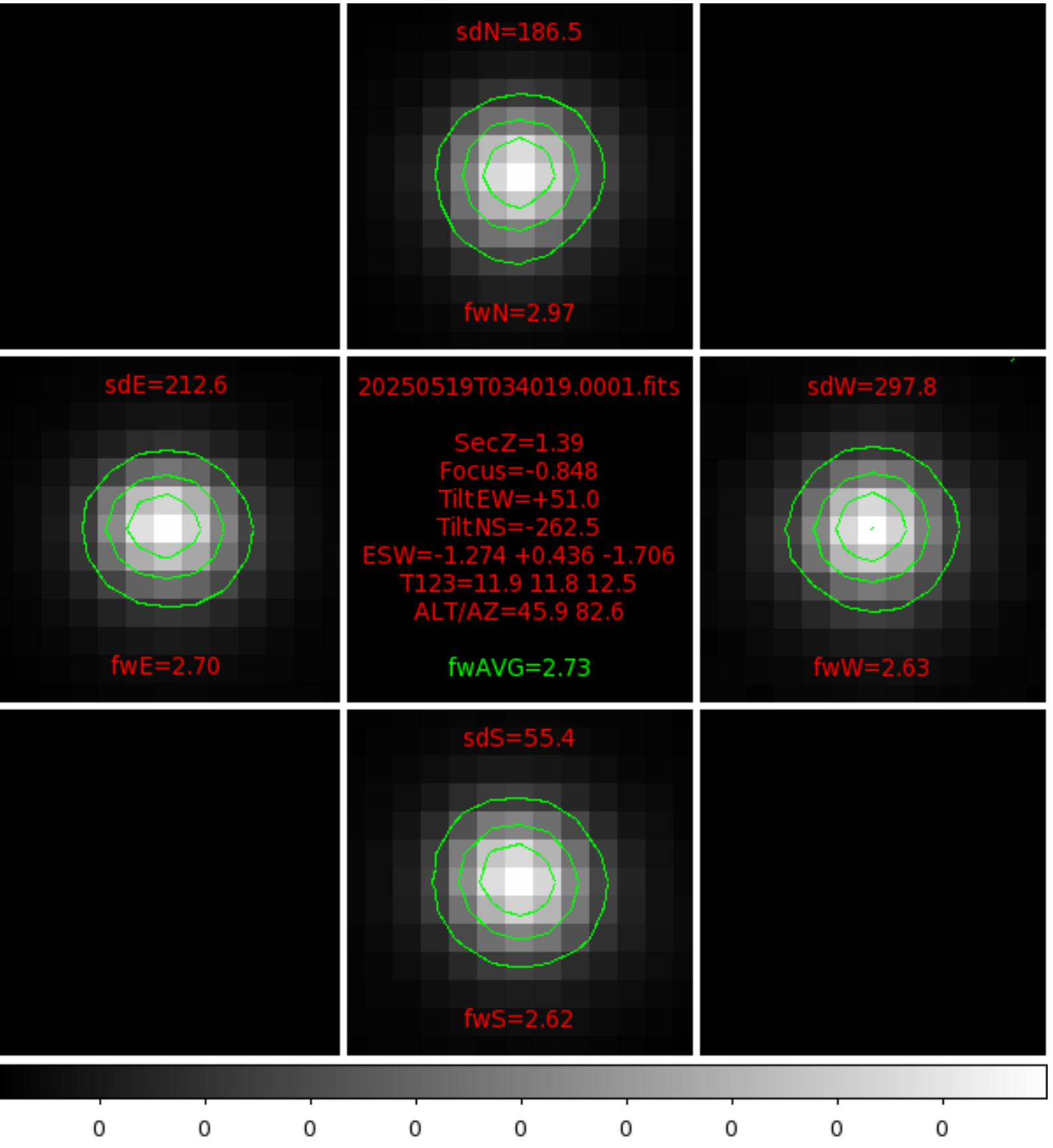
sdN=186.5
fwN=2.97
sdE=212.6
fwE=2.70
20250519T034019.0001.fits
SecZ=1.39
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.8 12.5
ALT/AZ=45.9 82.6
fwAVG=2.73
sdW=297.8
fwW=2.63
sdS=55.4
fwS=2.62
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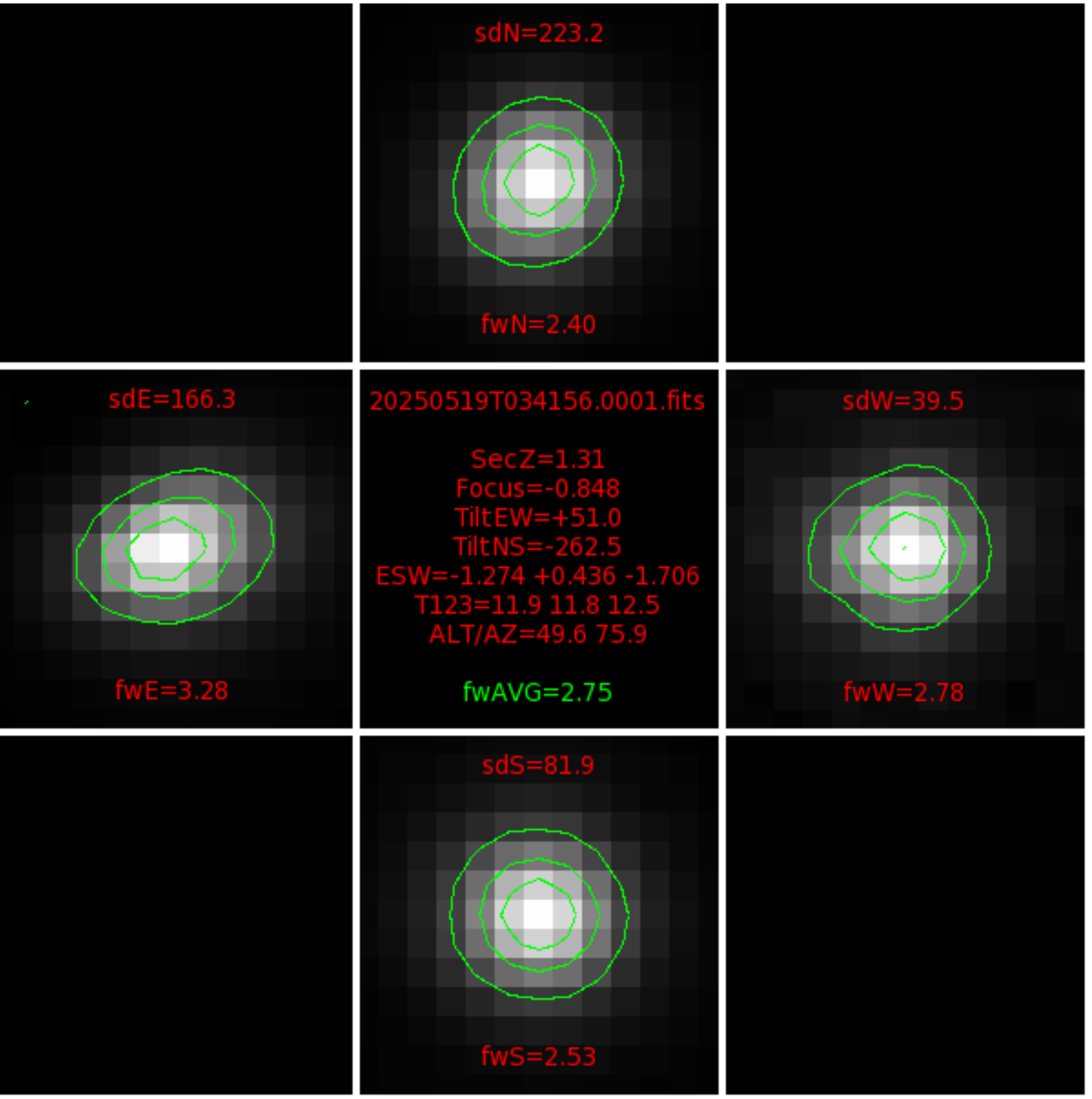
sdN=223.2
fwN=2.40
sdE=166.3
fwE=3.28
20250519T034156.0001.fits
SecZ=1.31
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.8 12.5
ALT/AZ=49.6 75.9
fwAVG=2.75
sdW=39.5
fwW=2.78
sdS=81.9
fwS=2.53
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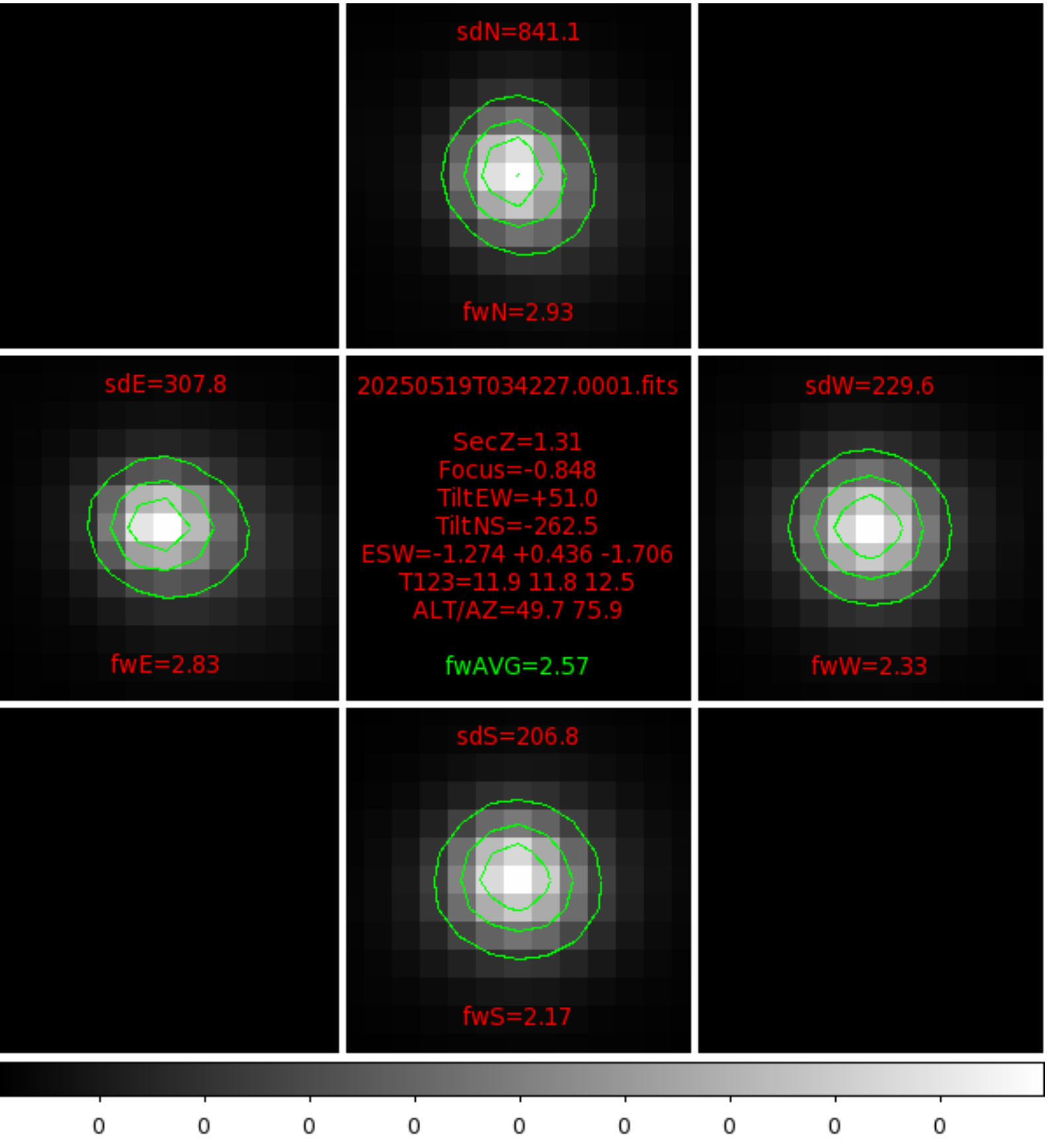
sdN=841.1
fwN=2.93
sdE=307.8
fwE=2.83
20250519T034227.0001.fits
SecZ=1.31
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.8 12.5
ALT/AZ=49.7 75.9
fwAVG=2.57
sdW=229.6
fwW=2.33
sdS=206.8
fwS=2.17
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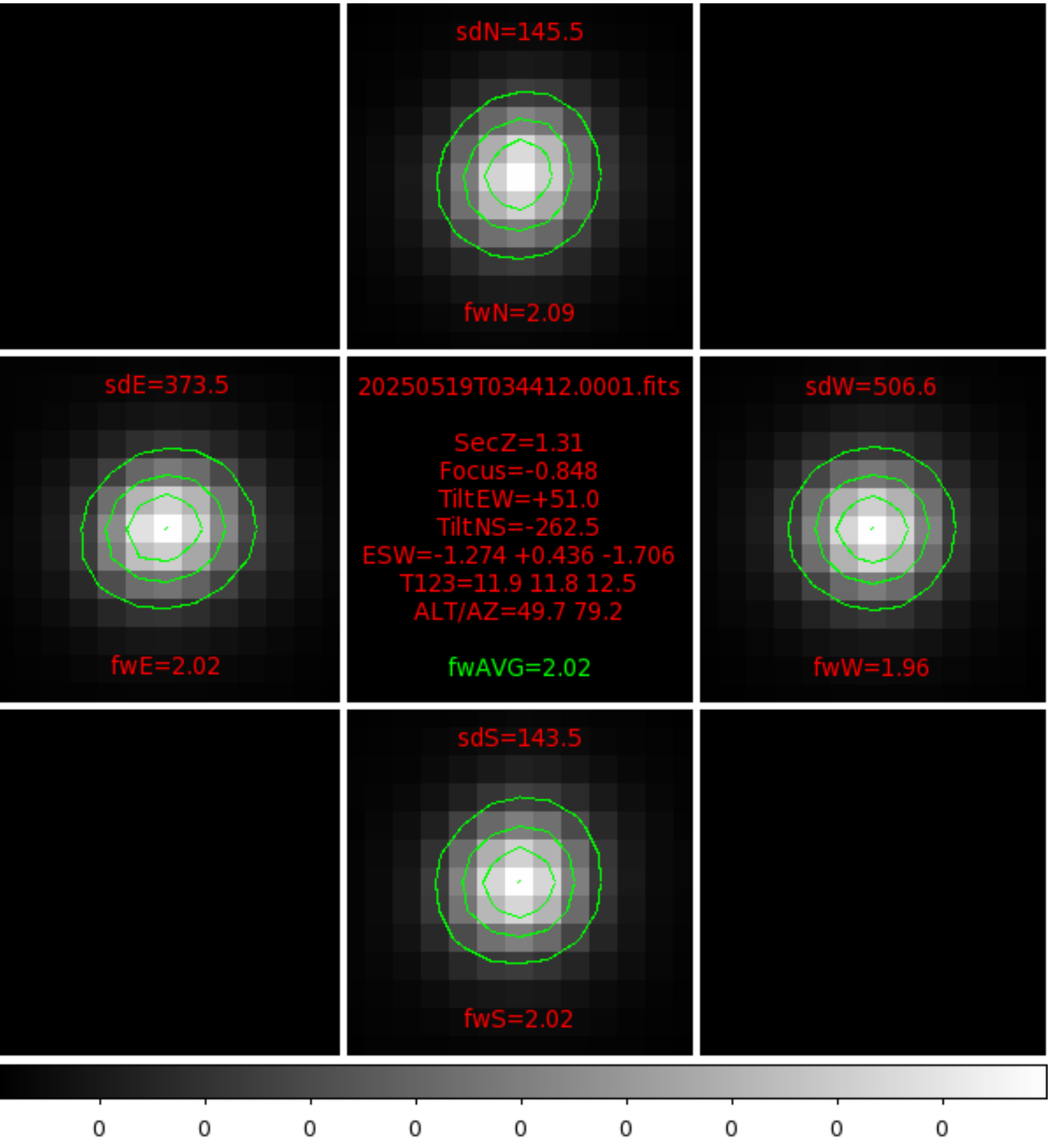
sdN=145.5
fwN=2.09
sdE=373.5
fwE=2.02
20250519T034412.0001.fits
SecZ=1.31
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.8 12.5
ALT/AZ=49.7 79.2
fwAVG=2.02
sdW=506.6
fwW=1.96
sdS=143.5
fwS=2.02
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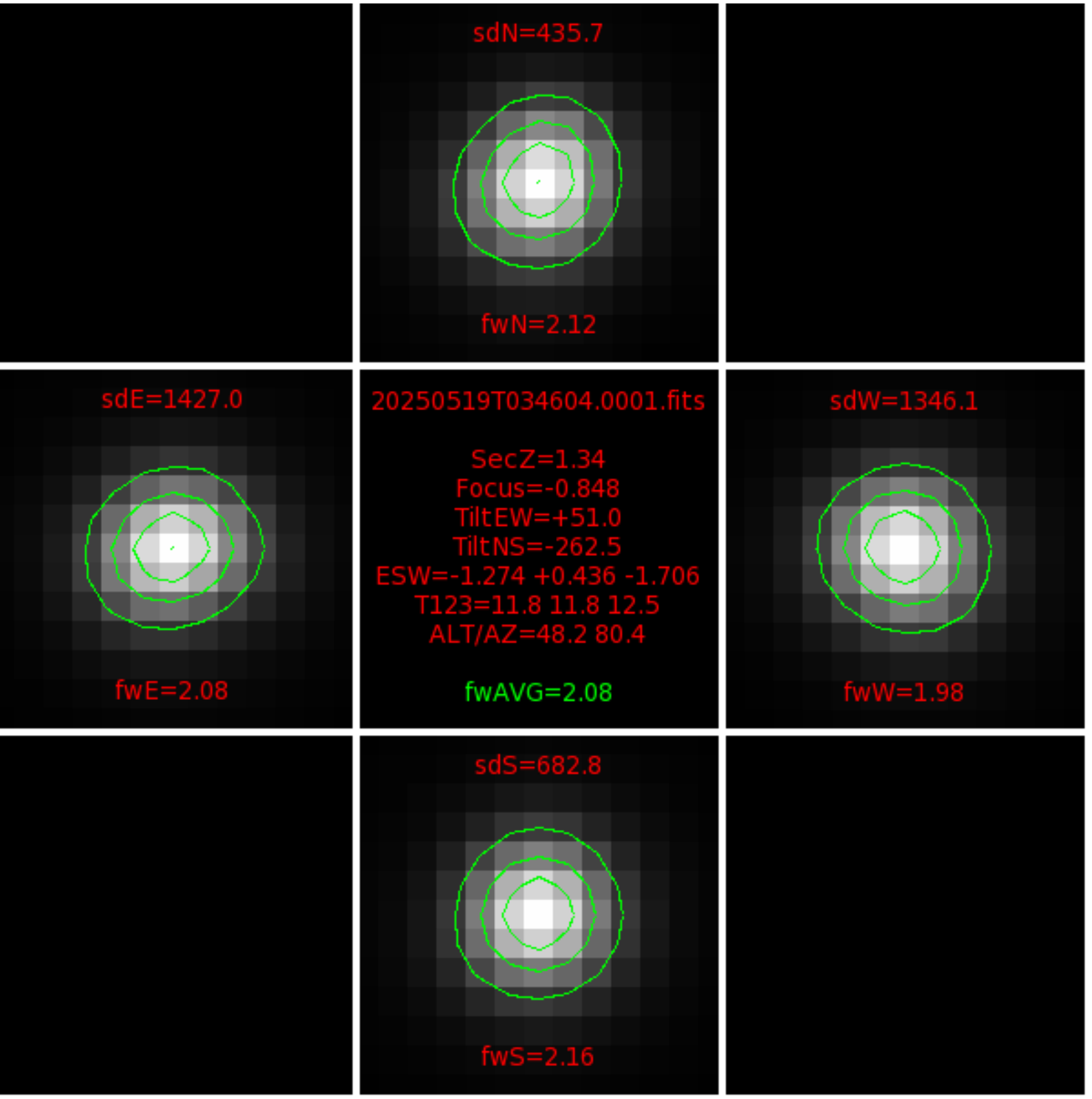
sdN=435.7
fwN=2.12
sdE=1427.0
fwE=2.08
20250519T034604.0001.fits
SecZ=1.34
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=48.2 80.4
fwAVG=2.08
sdW=1346.1
fwW=1.98
sdS=682.8
fwS=2.16
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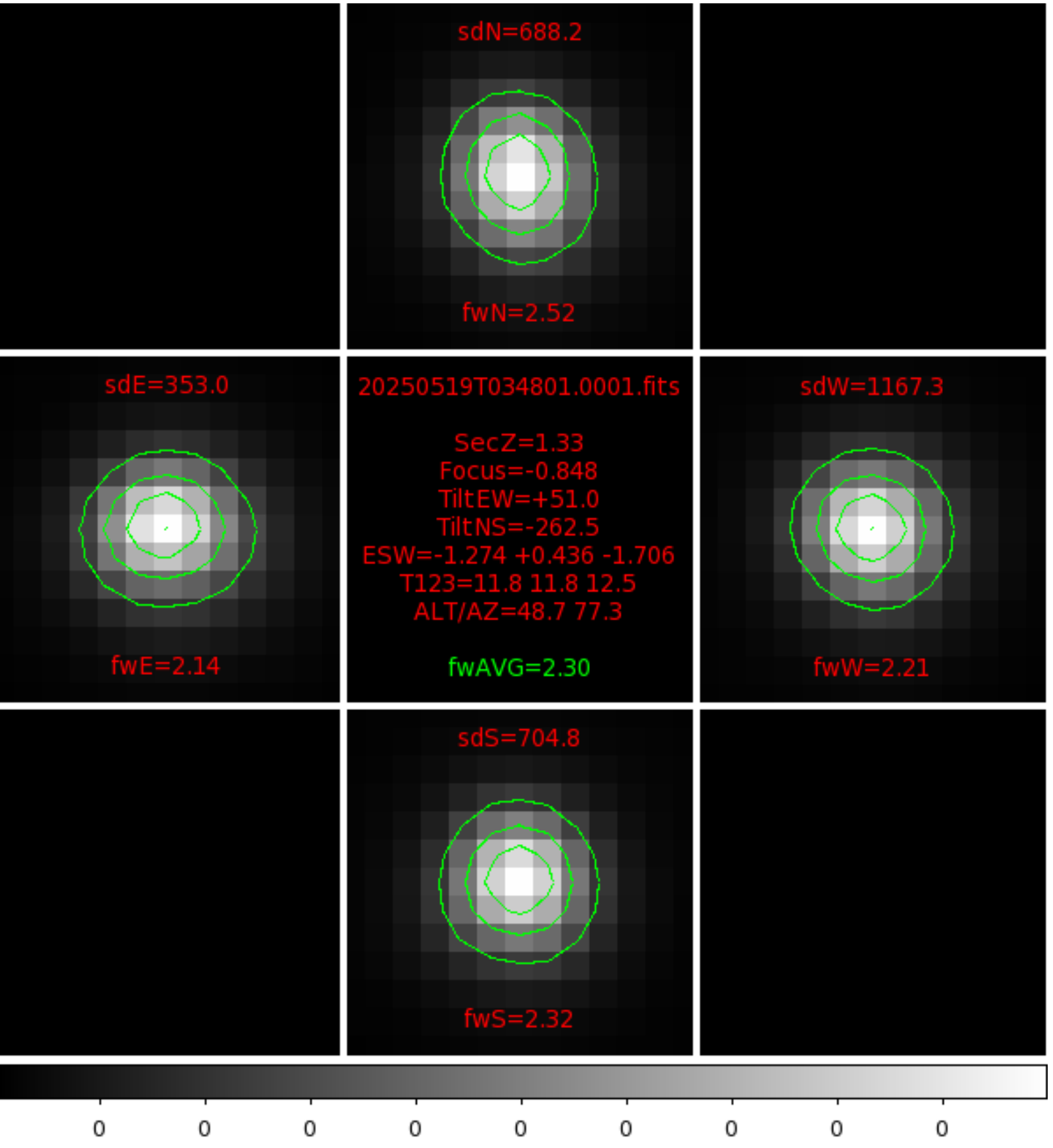
sdN=688.2
fwN=2.52
sdE=353.0
fwE=2.14
20250519T034801.0001.fits
SecZ=1.33
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=48.7 77.3
fwAVG=2.30
sdW=1167.3
fwW=2.21
sdS=704.8
fwS=2.32
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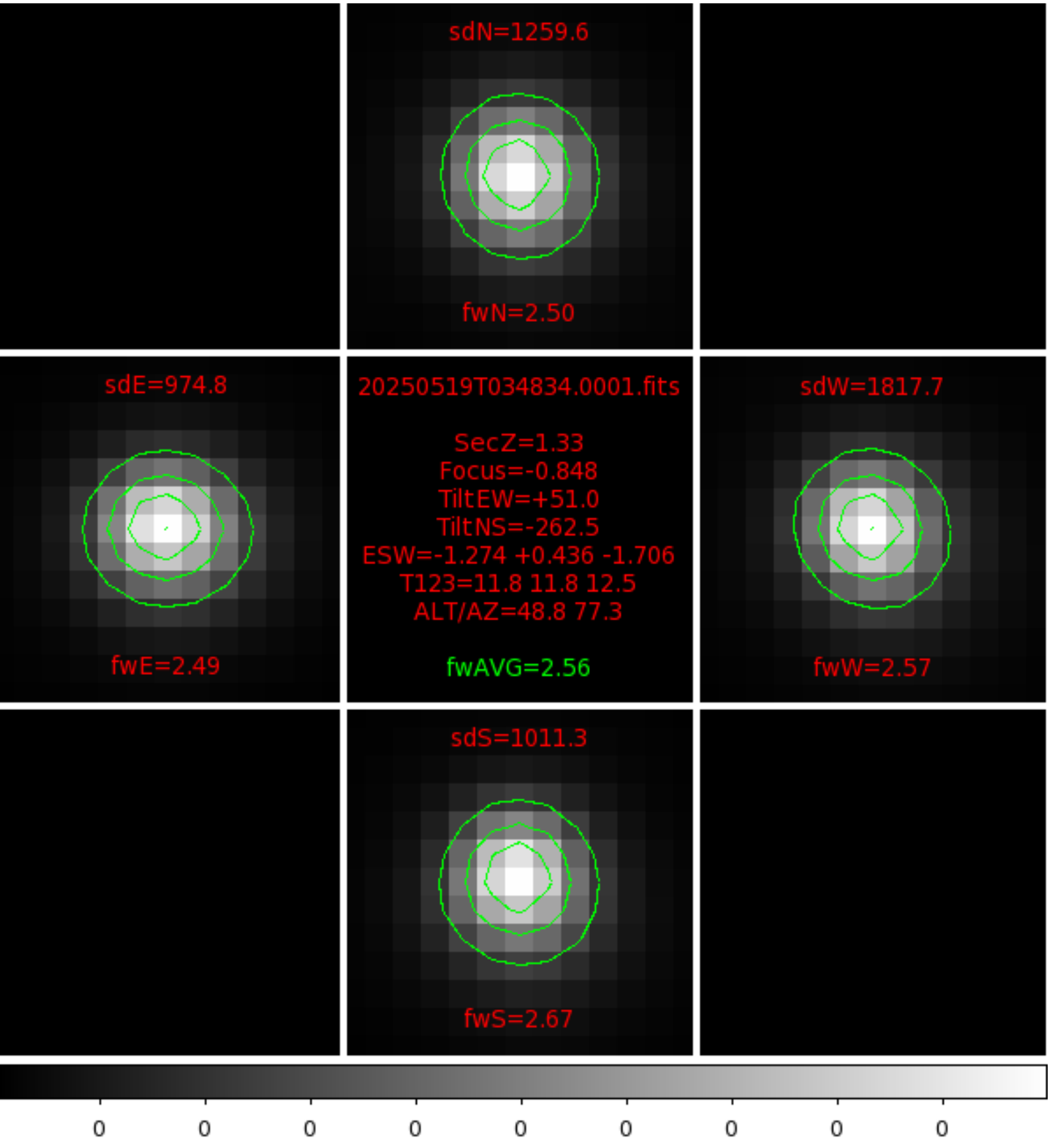
sdN=1259.6
fwN=2.50
sdE=974.8
fwE=2.49
20250519T034834.0001.fits
SecZ=1.33
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=48.8 77.3
fwAVG=2.56
sdW=1817.7
fwW=2.57
sdS=1011.3
fwS=2.67
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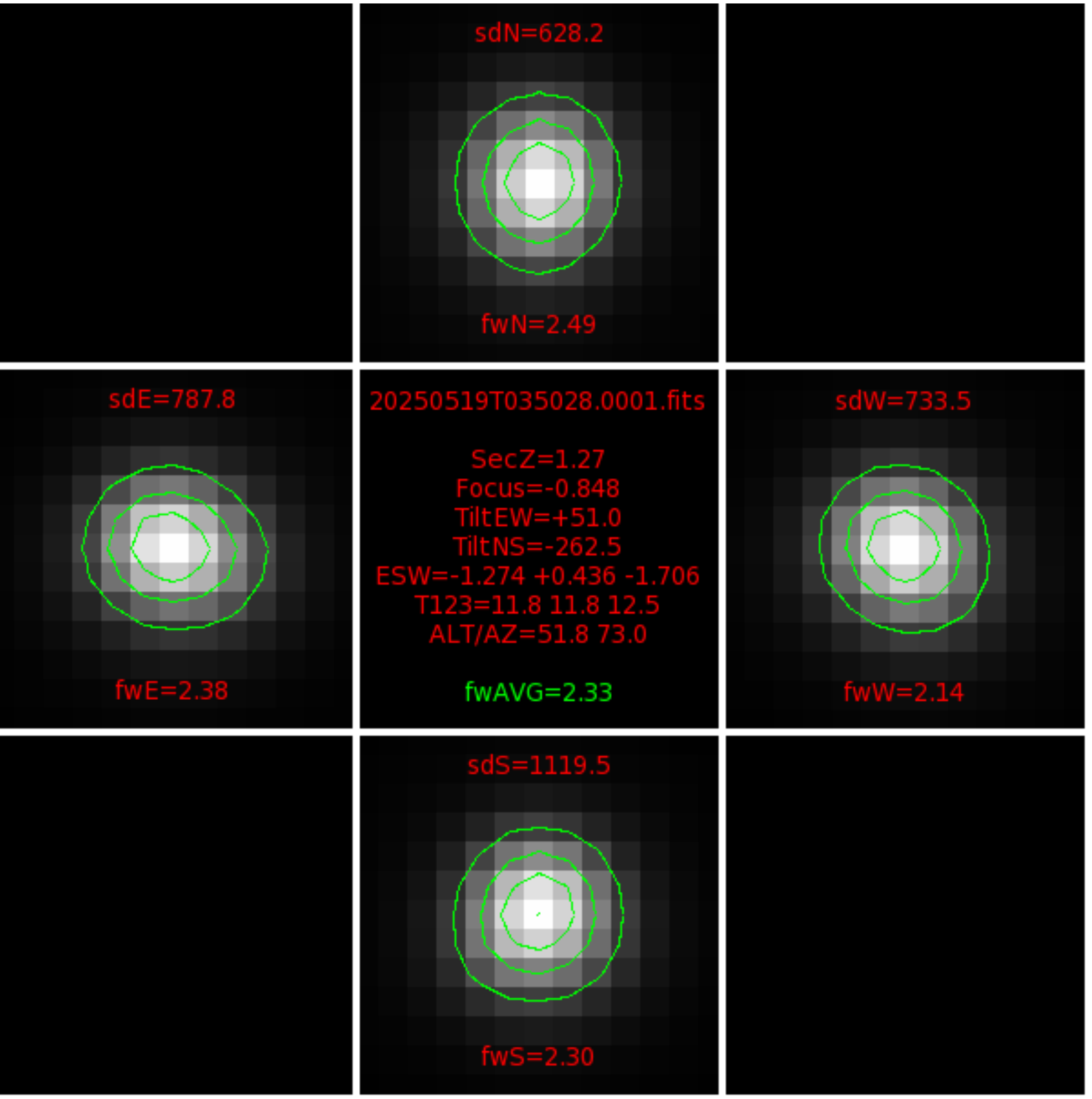
sdN=628.2
fwN=2.49
sdE=787.8
fwE=2.38
20250519T035028.0001.fits
SecZ=1.27
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=51.8 73.0
fwAVG=2.33
sdW=733.5
fwW=2.14
sdS=1119.5
fwS=2.30
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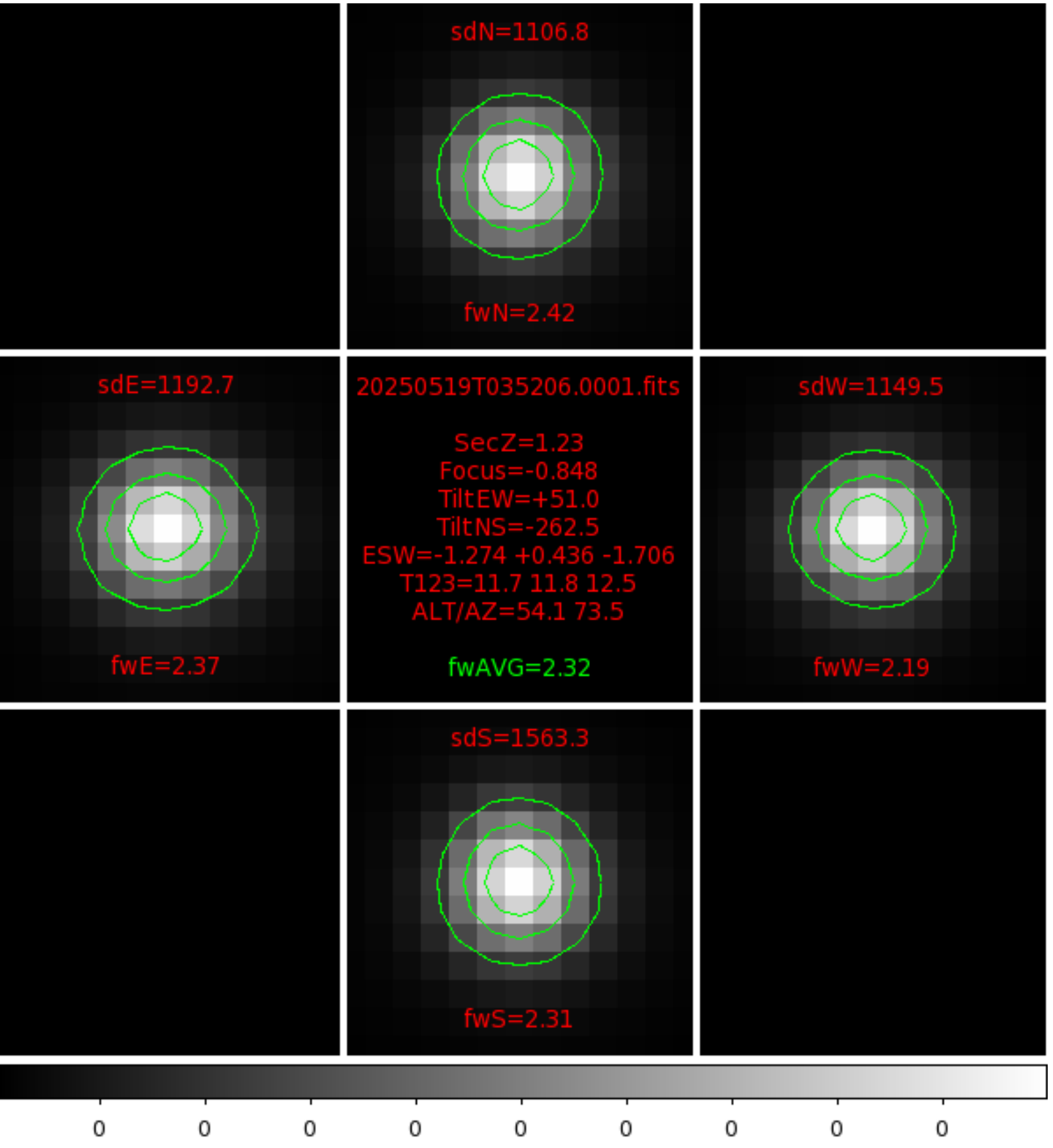
sdN=1106.8
fwN=2.42
sdE=1192.7
fwE=2.37
20250519T035206.0001.fits
SecZ=1.23
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=54.1 73.5
fwAVG=2.32
sdW=1149.5
fwW=2.19
sdS=1563.3
fwS=2.31
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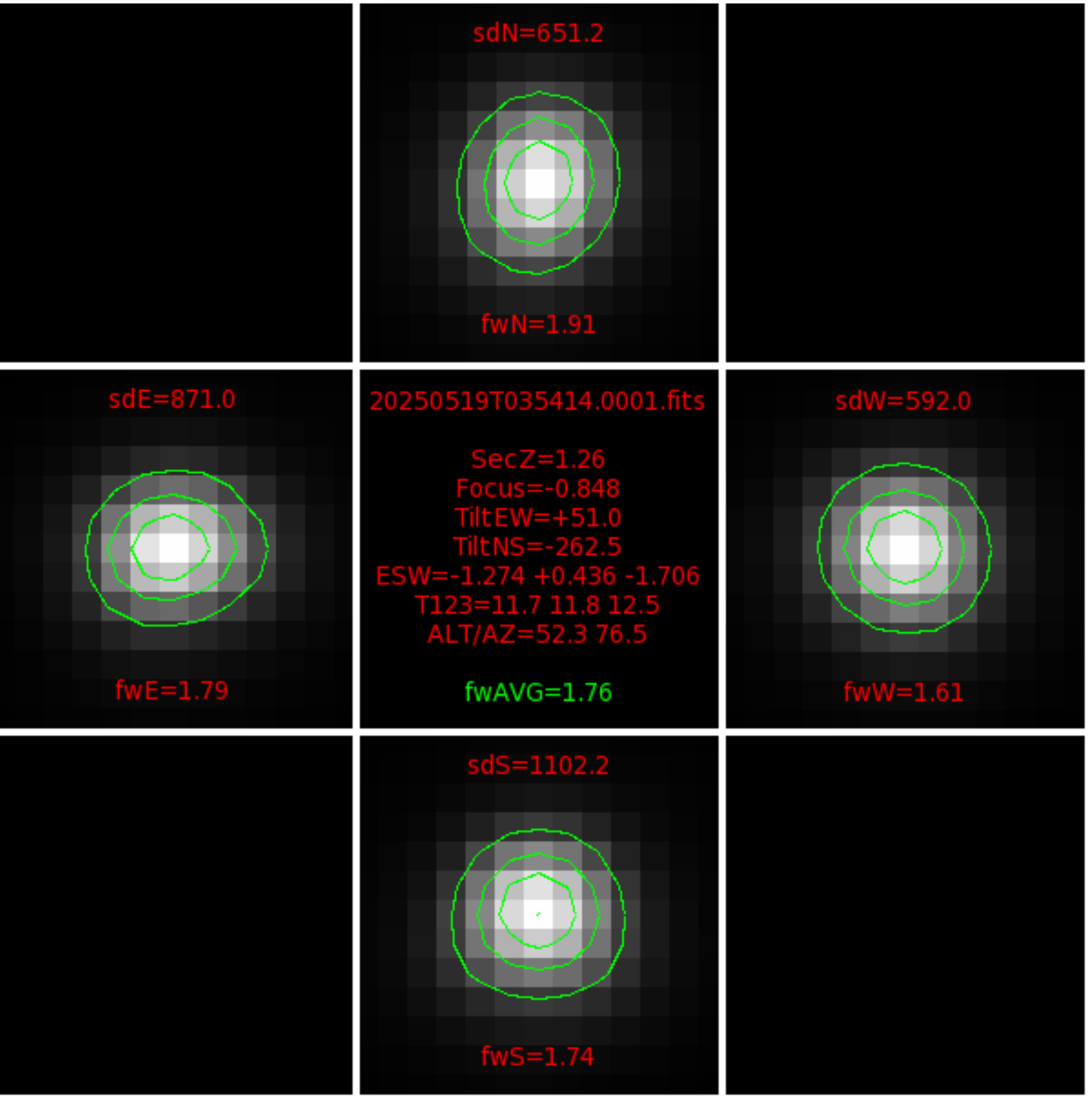
sdN=651.2
fwN=1.91
sdE=871.0
fwE=1.79
20250519T035414.0001.fits
SecZ=1.26
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=52.3 76.5
fwAVG=1.76
sdW=592.0
fwW=1.61
sdS=1102.2
fwS=1.74
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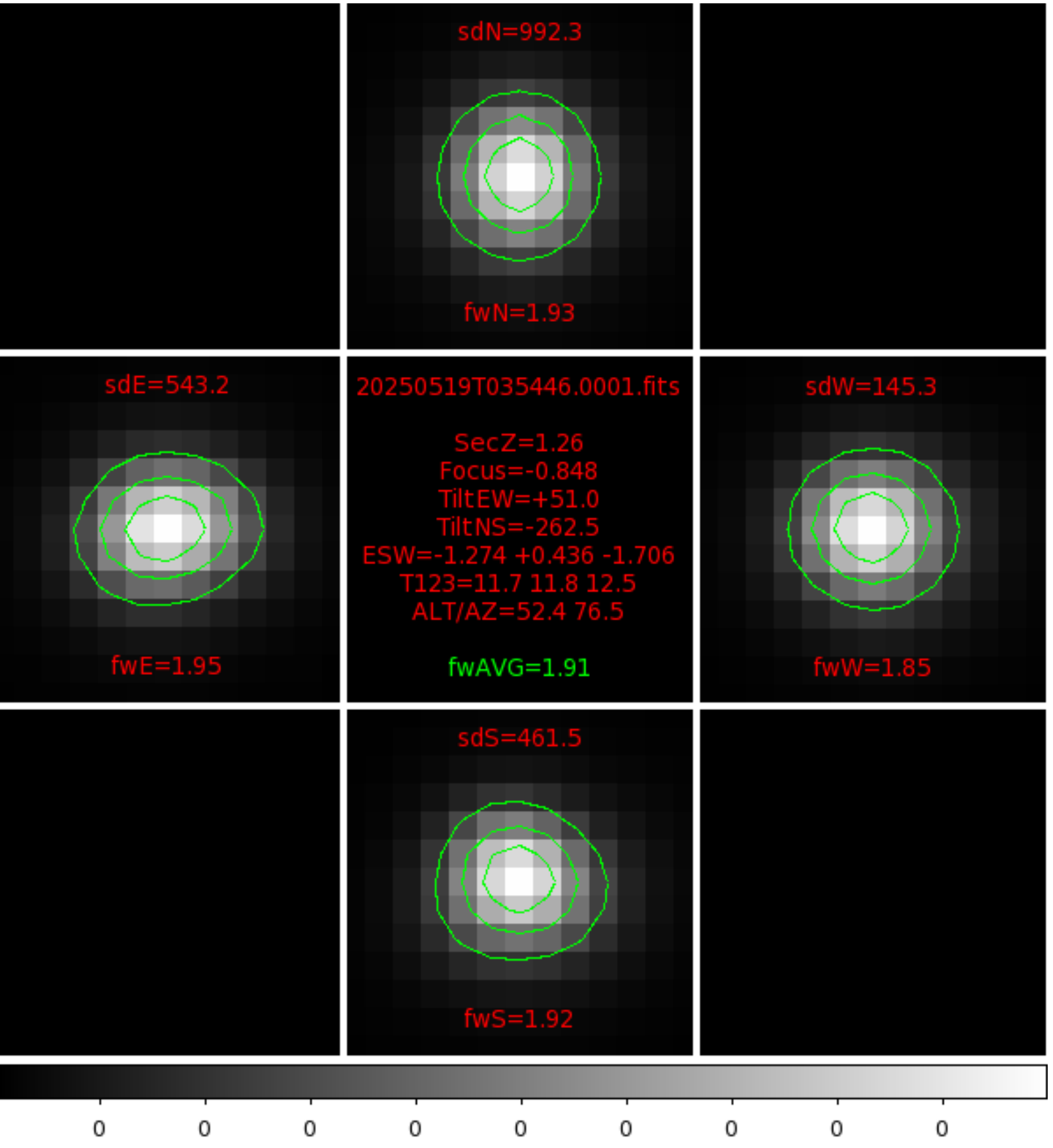
sdN=992.3
fwN=1.93
sdE=543.2
fwE=1.95
20250519T035446.0001.fits
SecZ=1.26
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=52.4 76.5
fwAVG=1.91
sdW=145.3
fwW=1.85
sdS=461.5
fwS=1.92
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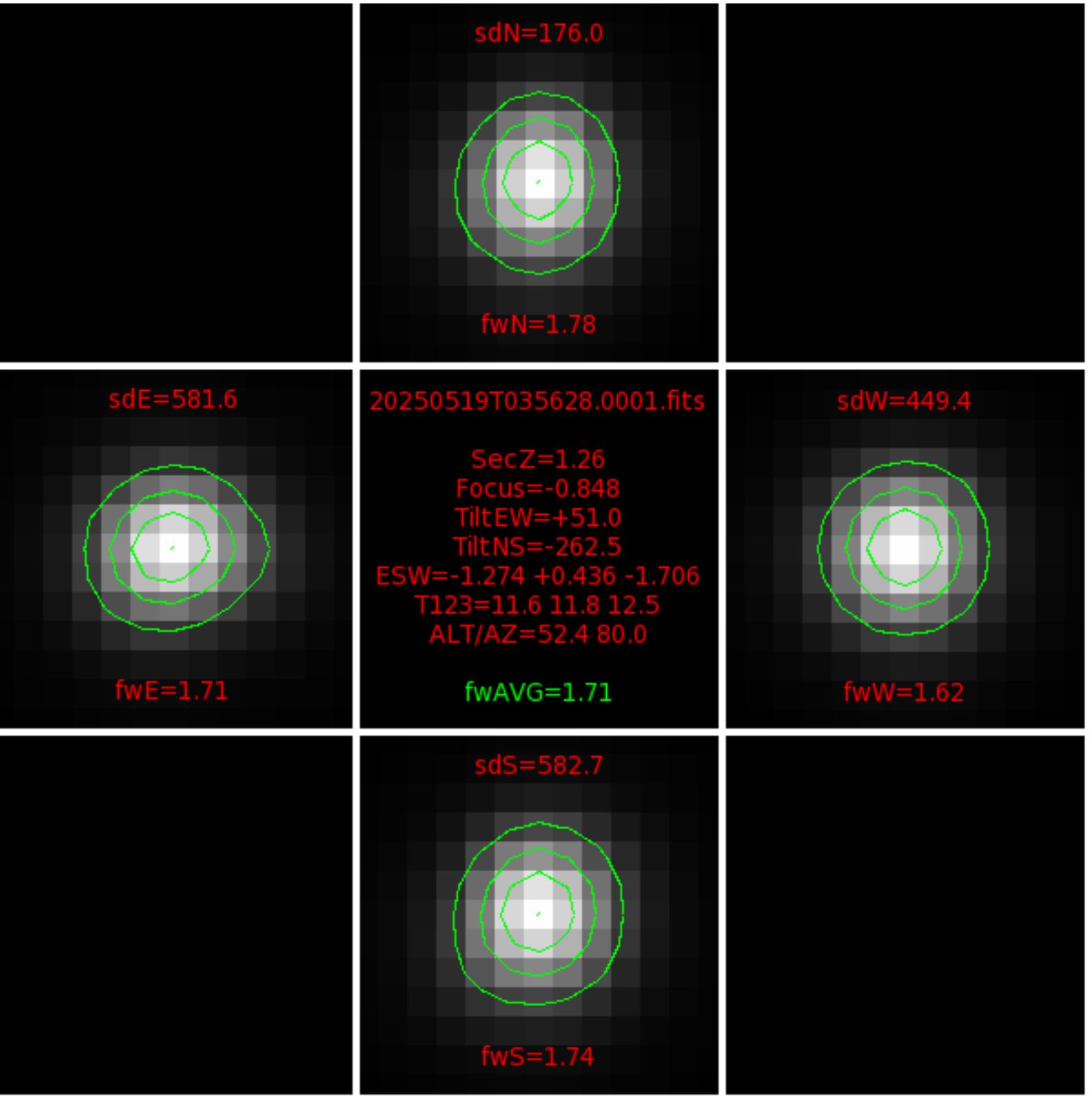
sdN=176.0
fwN=1.78
sdE=581.6
fwE=1.71
20250519T035628.0001.fits
SecZ=1.26
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.6 11.8 12.5
ALT/AZ=52.4 80.0
fwAVG=1.71
sdW=449.4
fwW=1.62
sdS=582.7
fwS=1.74
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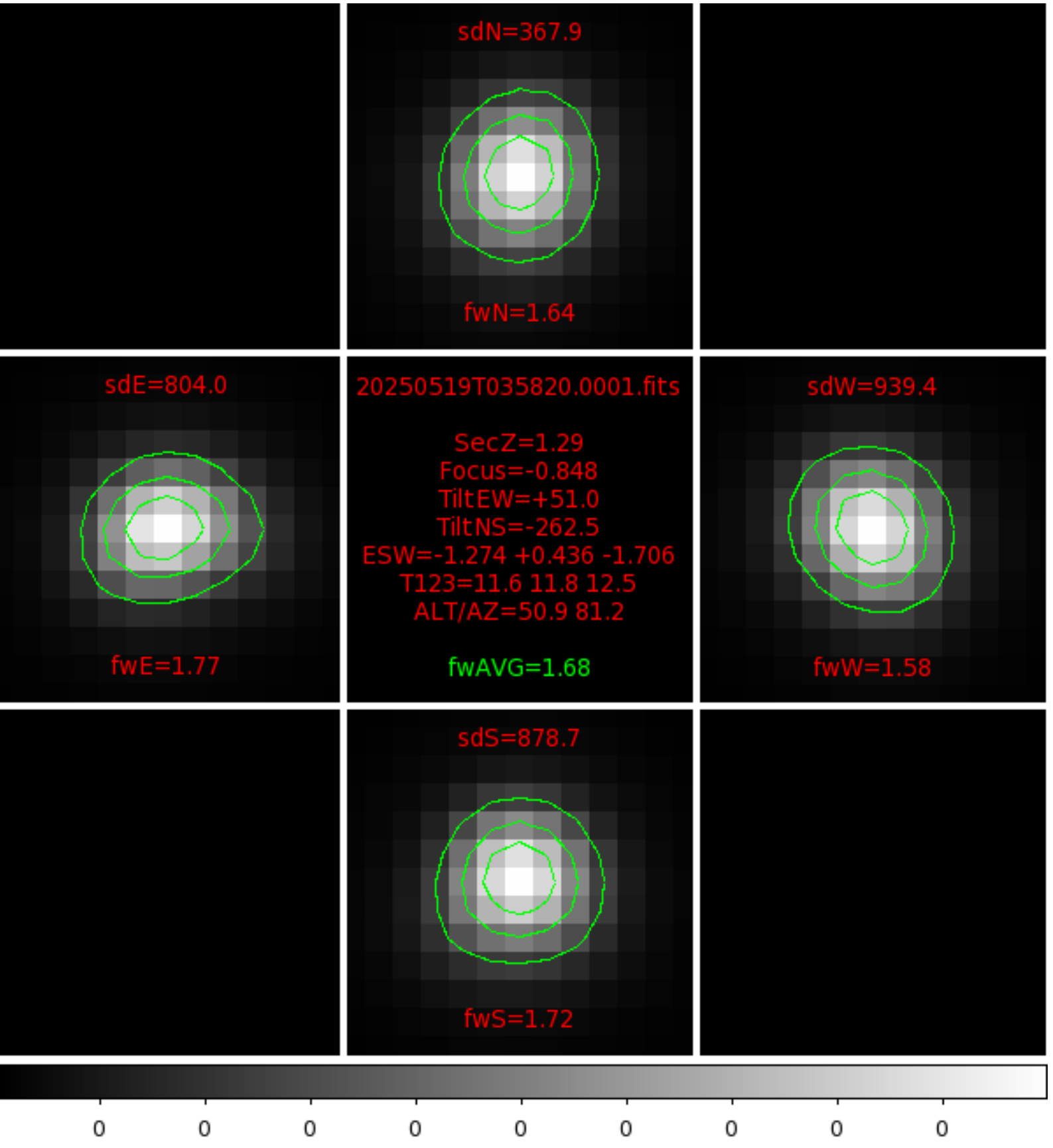
sdN=367.9
fwN=1.64
sdE=804.0
fwE=1.77
20250519T035820.0001.fits
SecZ=1.29
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.6 11.8 12.5
ALT/AZ=50.9 81.2
fwAVG=1.68
sdW=939.4
fwW=1.58
sdS=878.7
fwS=1.72
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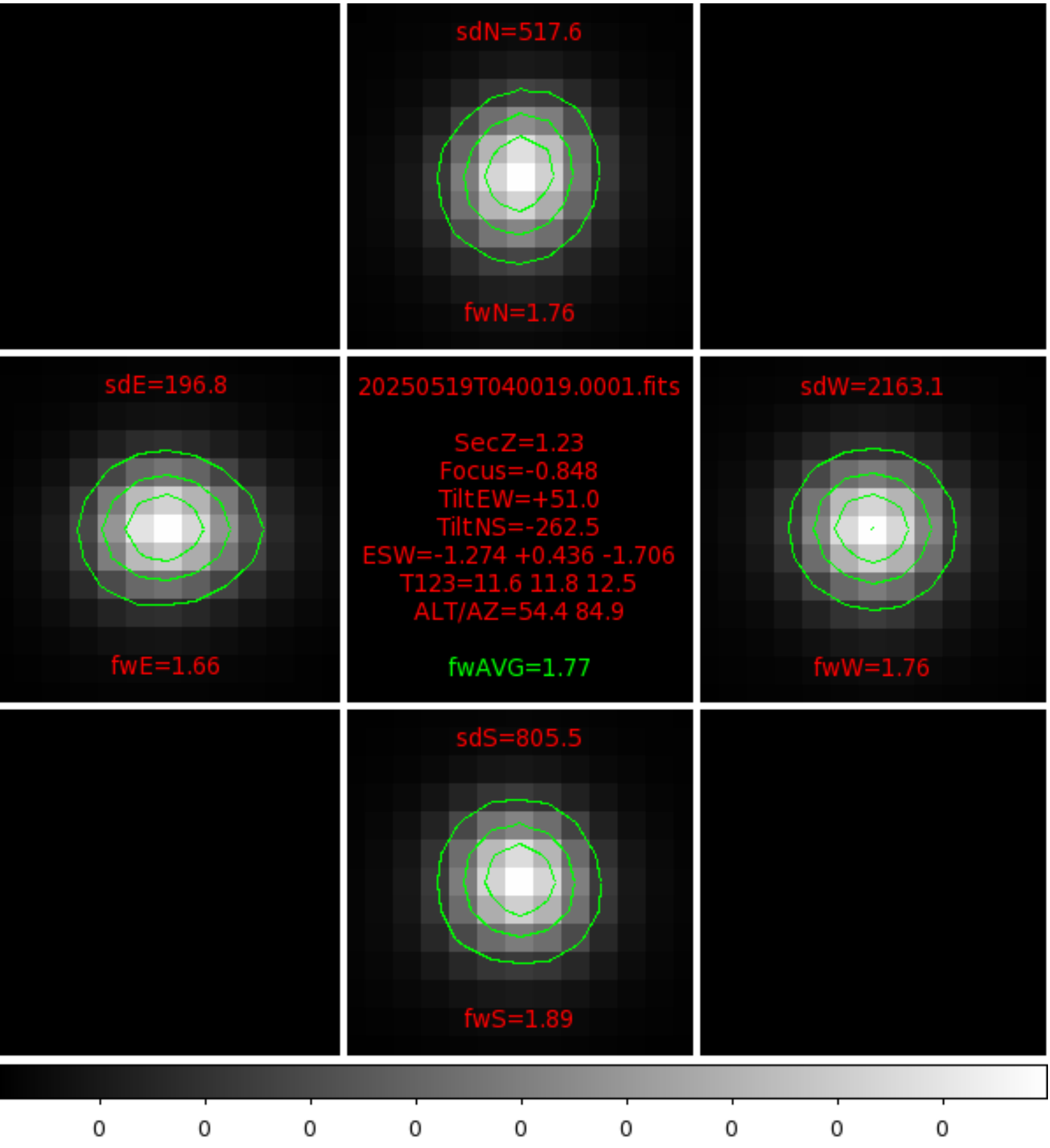
sdN=517.6
fwN=1.76
sdE=196.8
fwE=1.66
20250519T040019.0001.fits
SecZ=1.23
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.6 11.8 12.5
ALT/AZ=54.4 84.9
fwAVG=1.77
sdW=2163.1
fwW=1.76
sdS=805.5
fwS=1.89
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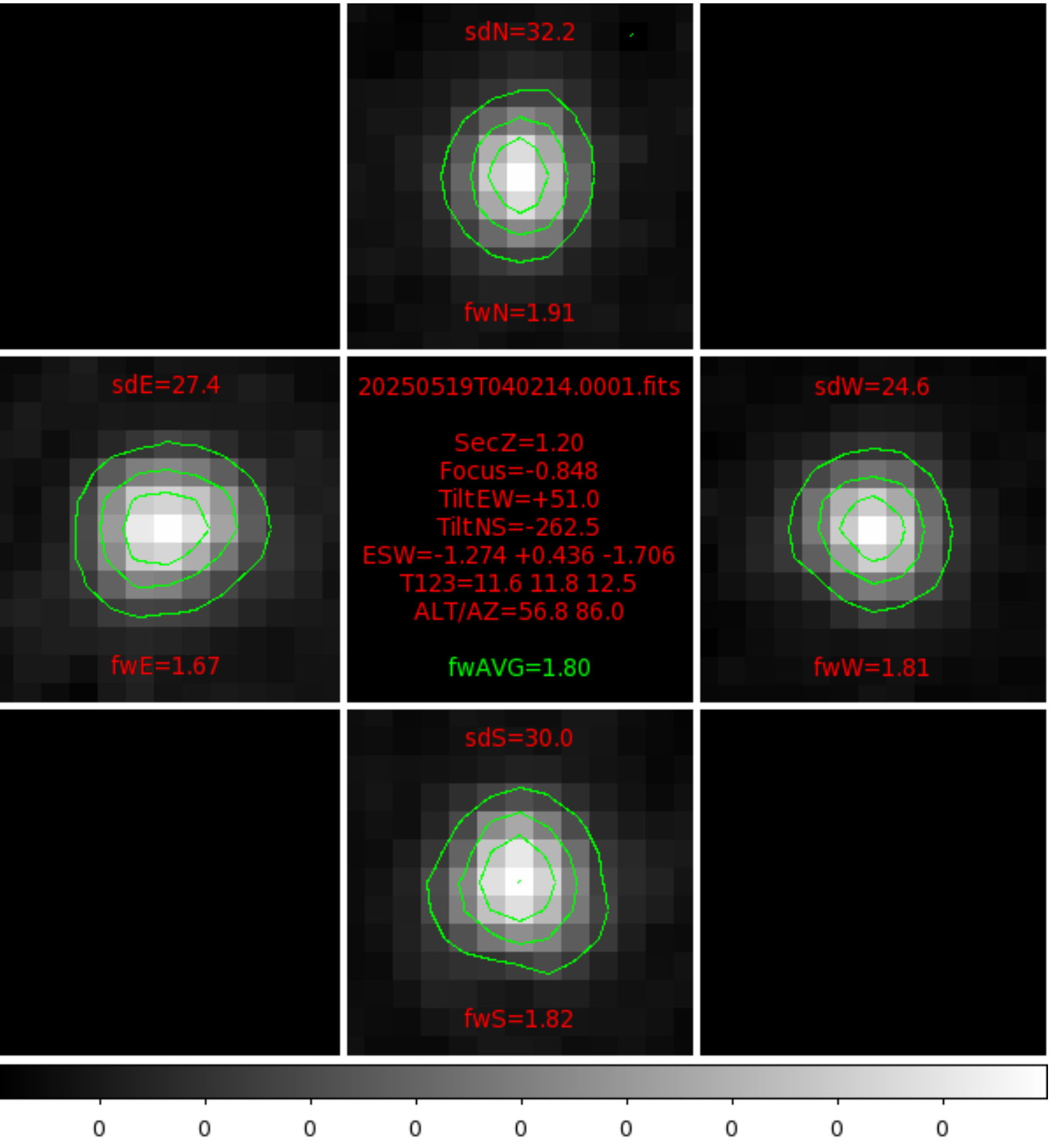
sdN=32.2
fwN=1.91
sdE=27.4
fwE=1.67
20250519T040214.0001.fits
SecZ=1.20
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.6 11.8 12.5
ALT/AZ=56.8 86.0
fwAVG=1.80
sdW=24.6
fwW=1.81
sdS=30.0
fwS=1.82
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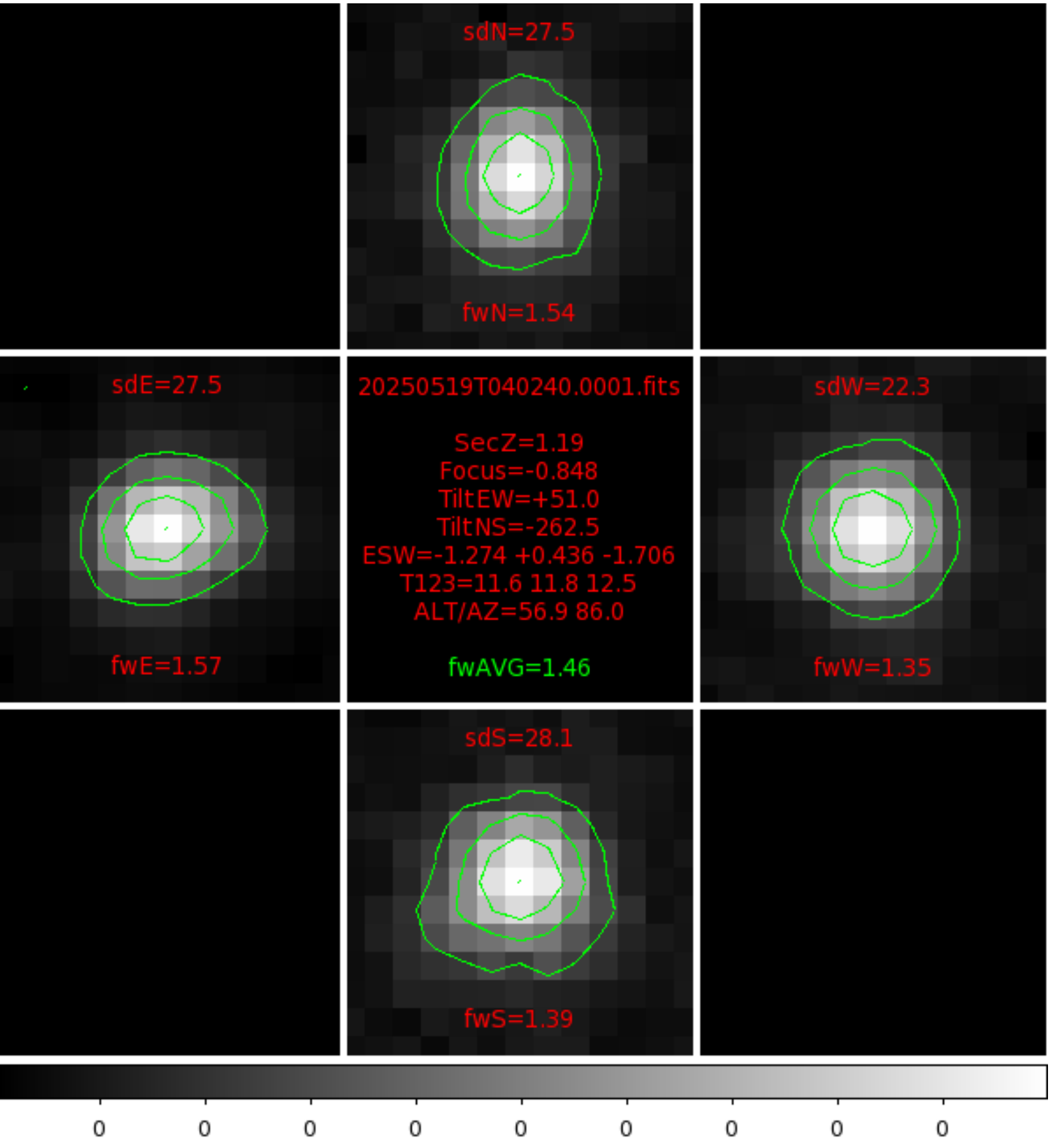
sdN=27.5
fwN=1.54
sdE=27.5
fwE=1.57
20250519T040240.0001.fits
SecZ=1.19
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.6 11.8 12.5
ALT/AZ=56.9 86.0
fwAVG=1.46
sdW=22.3
fwW=1.35
sdS=28.1
fwS=1.39
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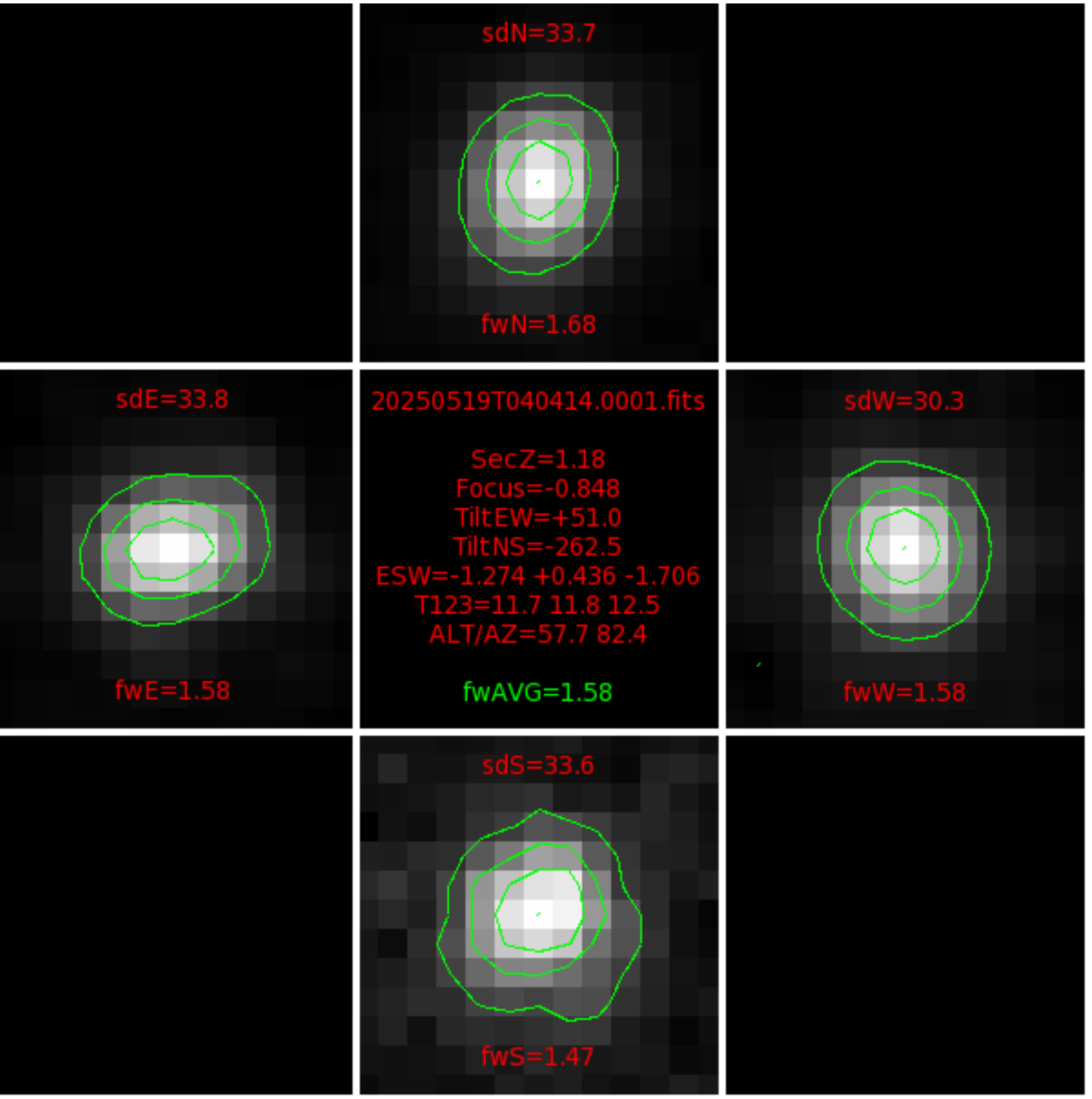
sdN=33.7
fwN=1.68
sdE=33.8
fwE=1.58
20250519T040414.0001.fits
SecZ=1.18
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=57.7 82.4
fwAVG=1.58
sdW=30.3
fwW=1.58
sdS=33.6
fwS=1.47
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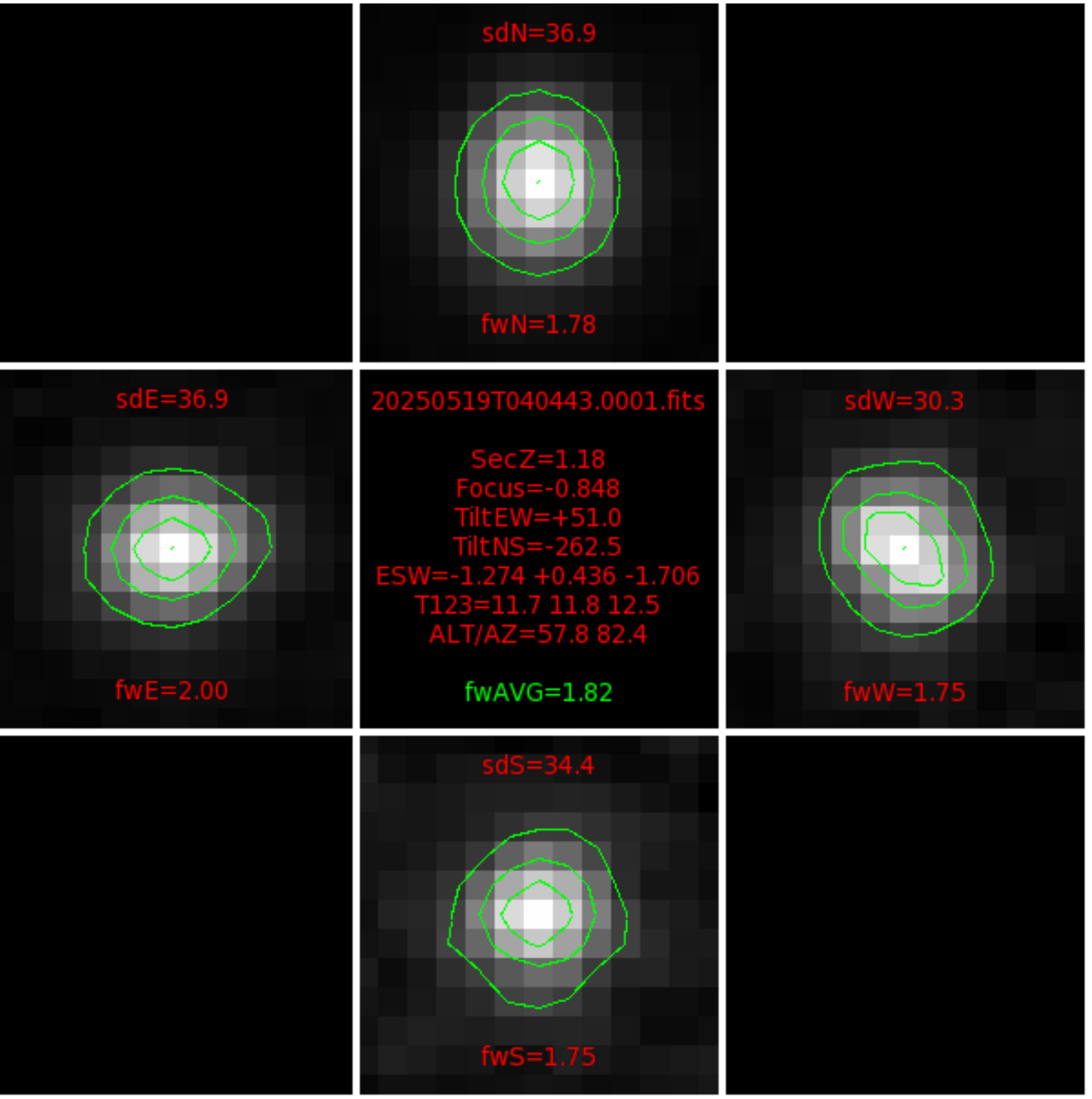
sdN=36.9
fwN=1.78
sdE=36.9
fwE=2.00
20250519T040443.0001.fits
SecZ=1.18
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=57.8 82.4
fwAVG=1.82
sdW=30.3
fwW=1.75
sdS=34.4
fwS=1.75
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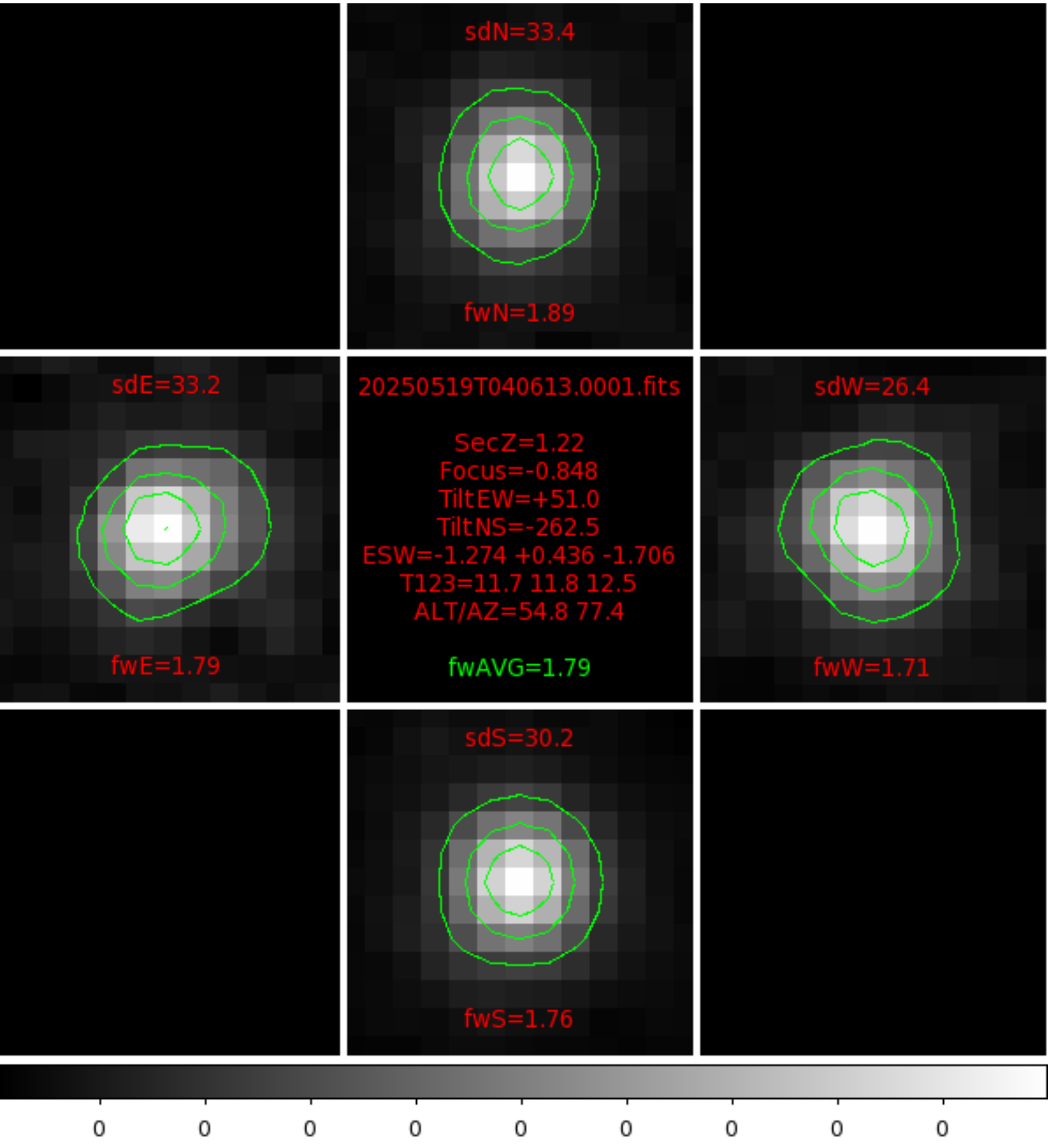
sdN=33.4
fwN=1.89
sdE=33.2
fwE=1.79
20250519T040613.0001.fits
SecZ=1.22
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=54.8 77.4
fwAVG=1.79
sdW=26.4
fwW=1.71
sdS=30.2
fwS=1.76
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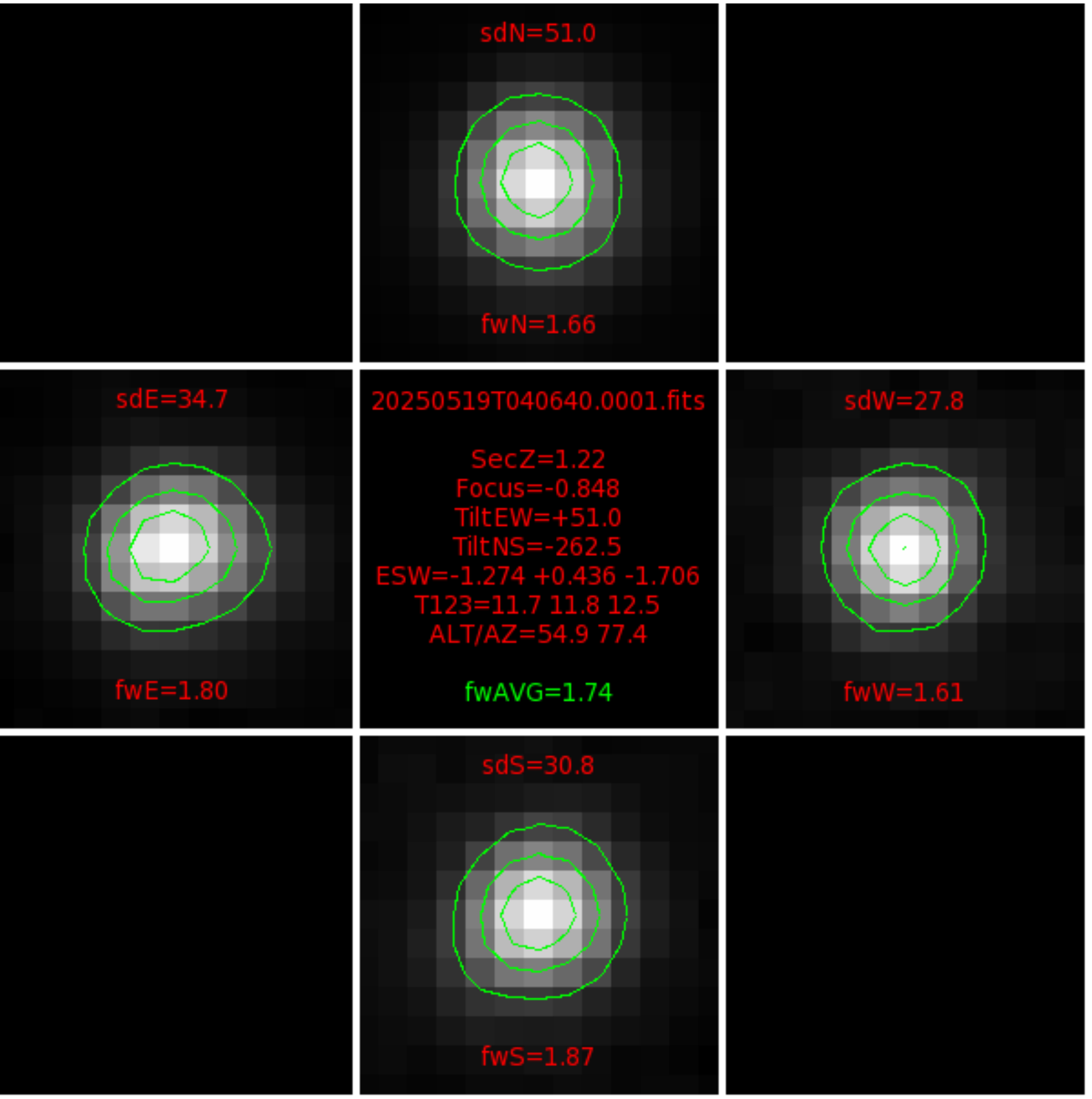
sdN=51.0
fwN=1.66
sdE=34.7
fwE=1.80
20250519T040640.0001.fits
SecZ=1.22
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=54.9 77.4
fwAVG=1.74
sdW=27.8
fwW=1.61
sdS=30.8
fwS=1.87
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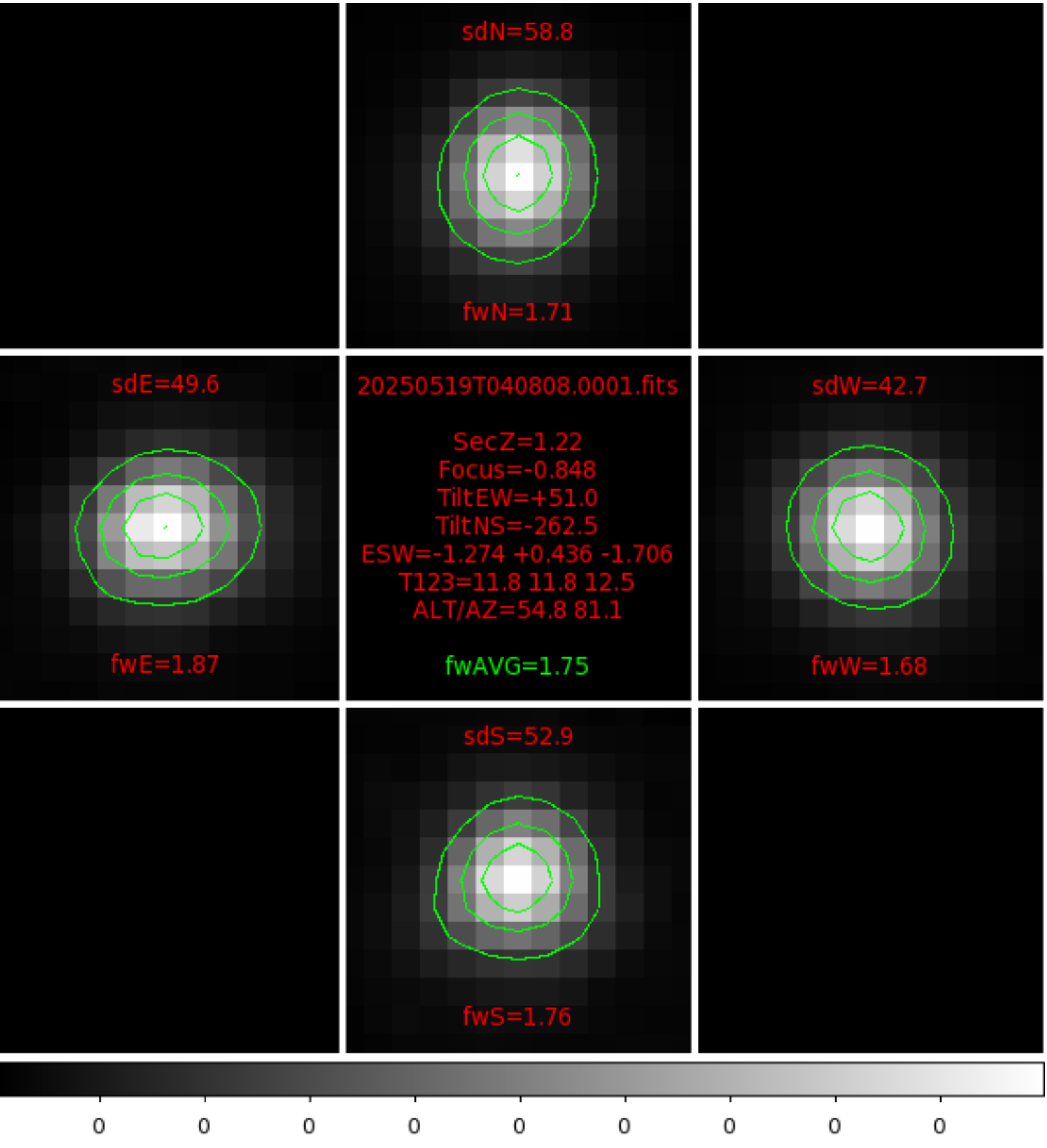
sdN=58.8
fwN=1.71
sdE=49.6
fwE=1.87
20250519T040808.0001.fits
SecZ=1.22
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=54.8 81.1
fwAVG=1.75
sdW=42.7
fwW=1.68
sdS=52.9
fwS=1.76
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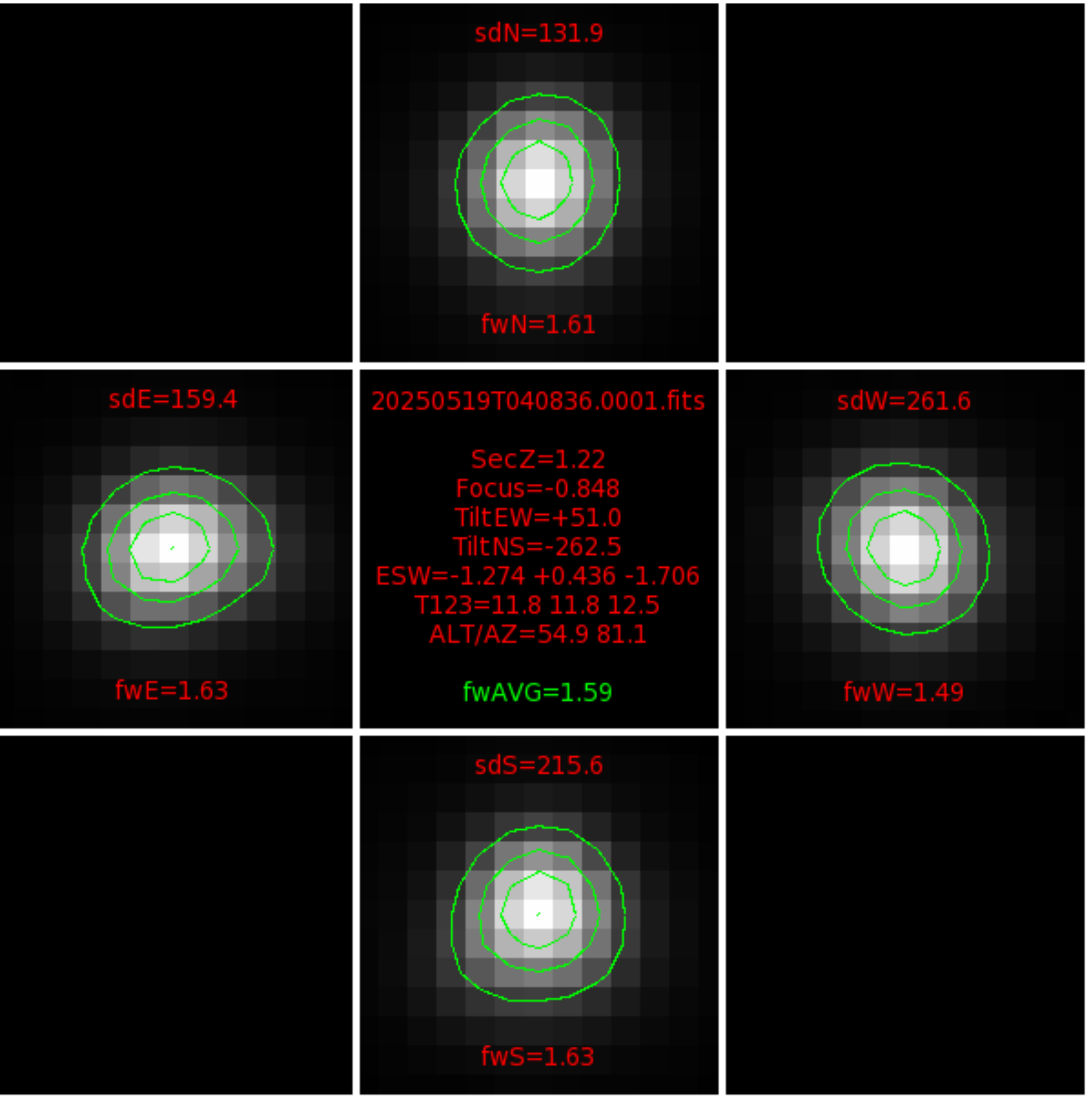
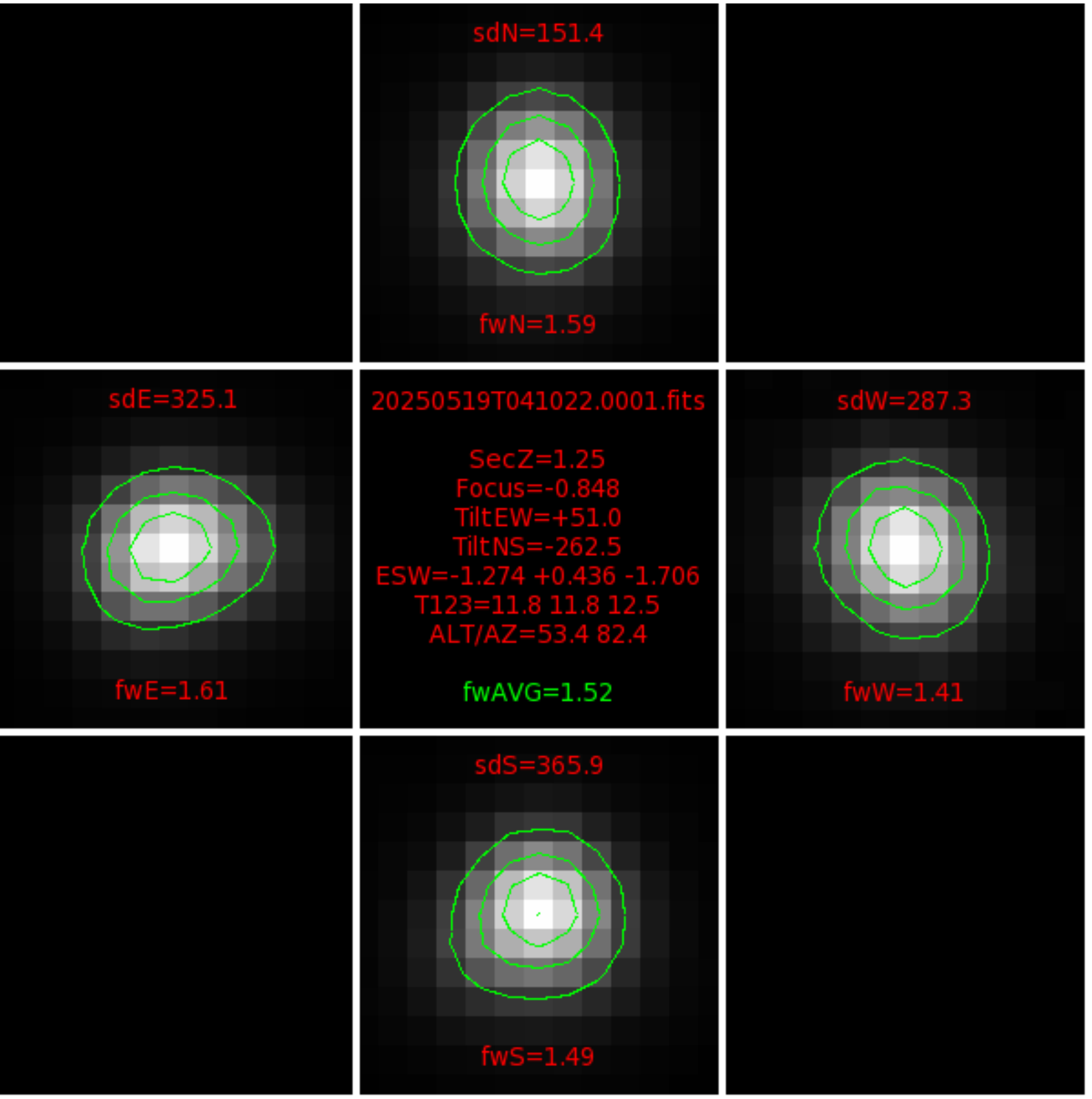

sdN=131.9
fwN=1.61
sdE=159.4
fwE=1.63
20250519T040836.0001.fits
SecZ=1.22
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=54.9 81.1
fwAVG=1.59
sdW=261.6
fwW=1.49
sdS=215.6
fwS=1.63
0 0 0 0 0 0 0 0 0


sdN=151.4
fwN=1.59
sdE=325.1
fwE=1.61
20250519T041022.0001.fits
SecZ=1.25
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=53.4 82.4
fwAVG=1.52
sdW=287.3
fwW=1.41
sdS=365.9
fwS=1.49
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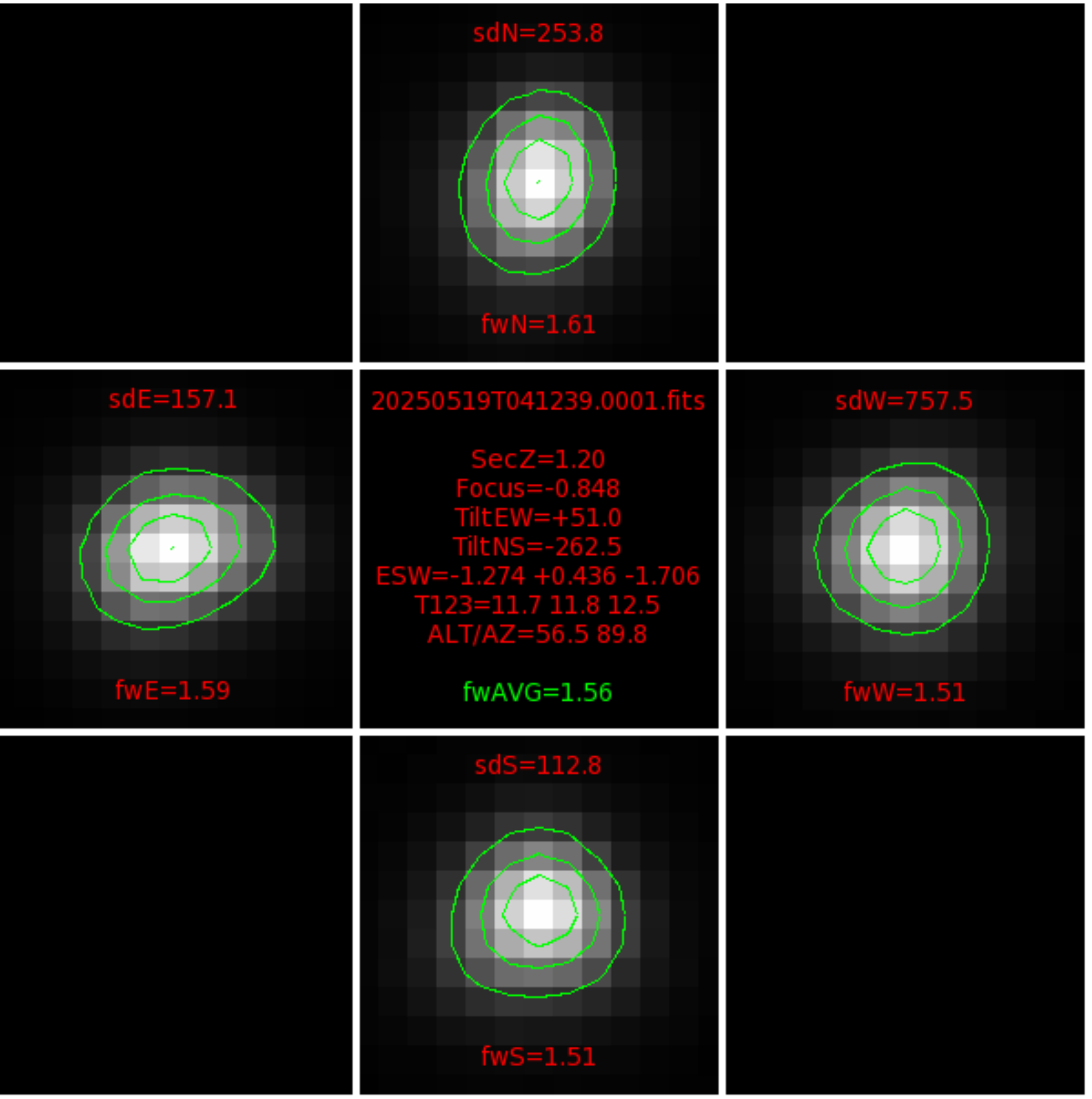
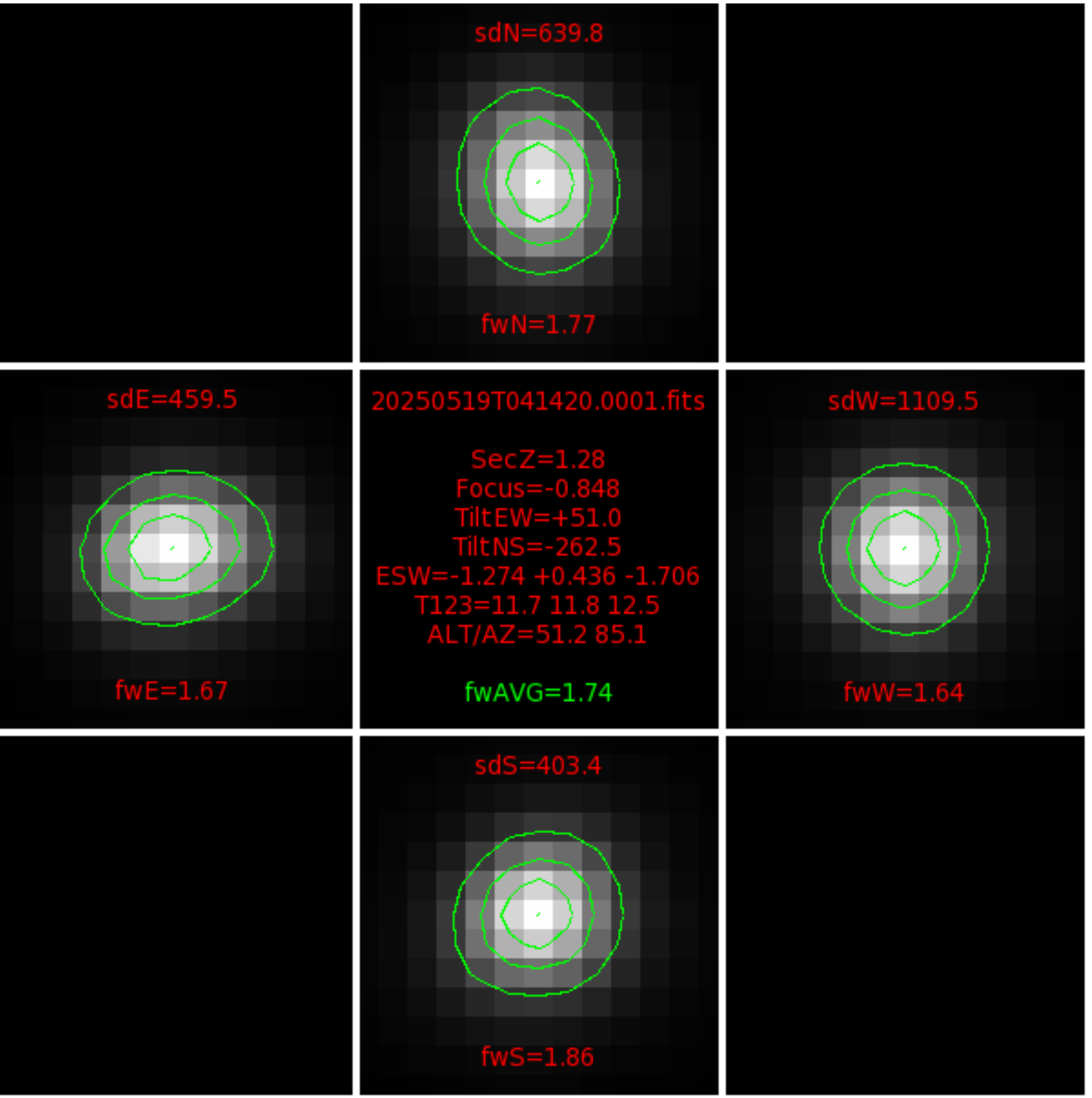

sdN=253.8
fwN=1.61
sdE=157.1
fwE=1.59
20250519T041239.0001.fits
SecZ=1.20
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=56.5 89.8
fwAVG=1.56
sdW=757.5
fwW=1.51
sdS=112.8
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=639.8
fwN=1.77
sdE=459.5
fwE=1.67
20250519T041420.0001.fits
SecZ=1.28
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=51.2 85.1
fwAVG=1.74
sdW=1109.5
fwW=1.64
sdS=403.4
fwS=1.86
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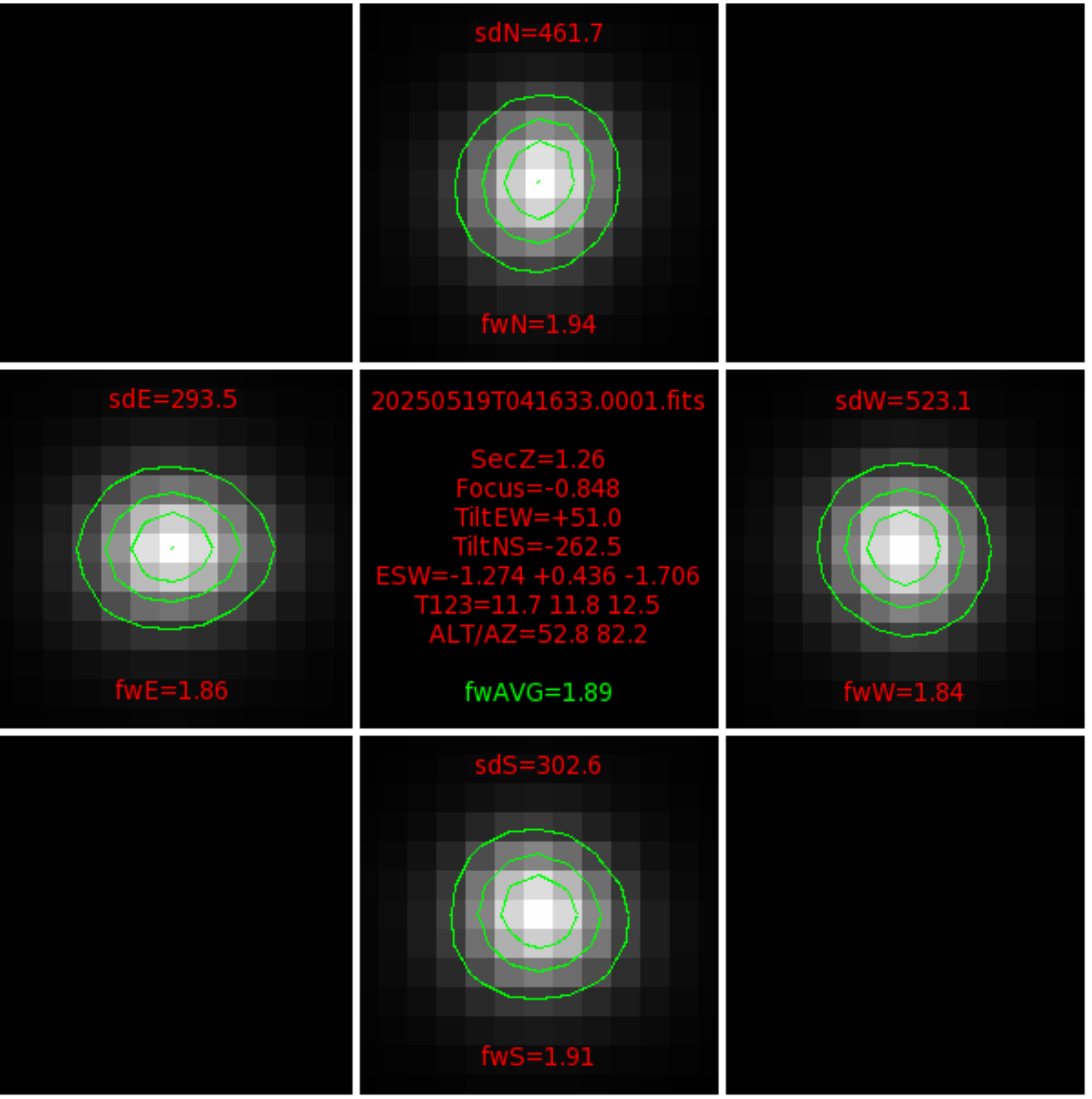
sdN=461.7
fwN=1.94
sdE=293.5
fwE=1.86
20250519T041633.0001.fits
SecZ=1.26
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=52.8 82.2
fwAVG=1.89
sdW=523.1
fwW=1.84
sdS=302.6
fwS=1.91
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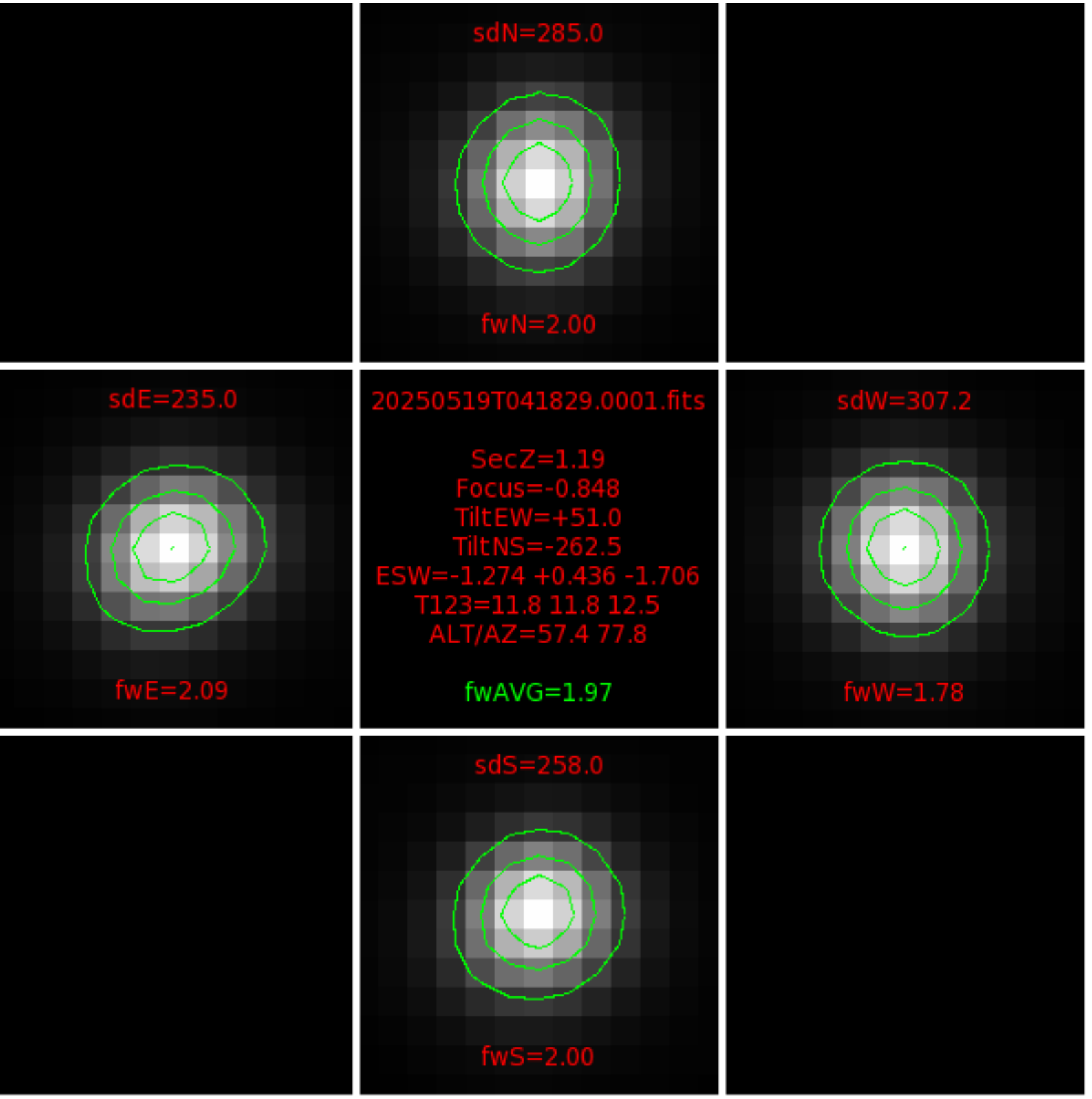
sdN=285.0
fwN=2.00
sdE=235.0
fwE=2.09
20250519T041829.0001.fits
SecZ=1.19
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=57.4 77.8
fwAVG=1.97
sdW=307.2
fwW=1.78
sdS=258.0
fwS=2.00
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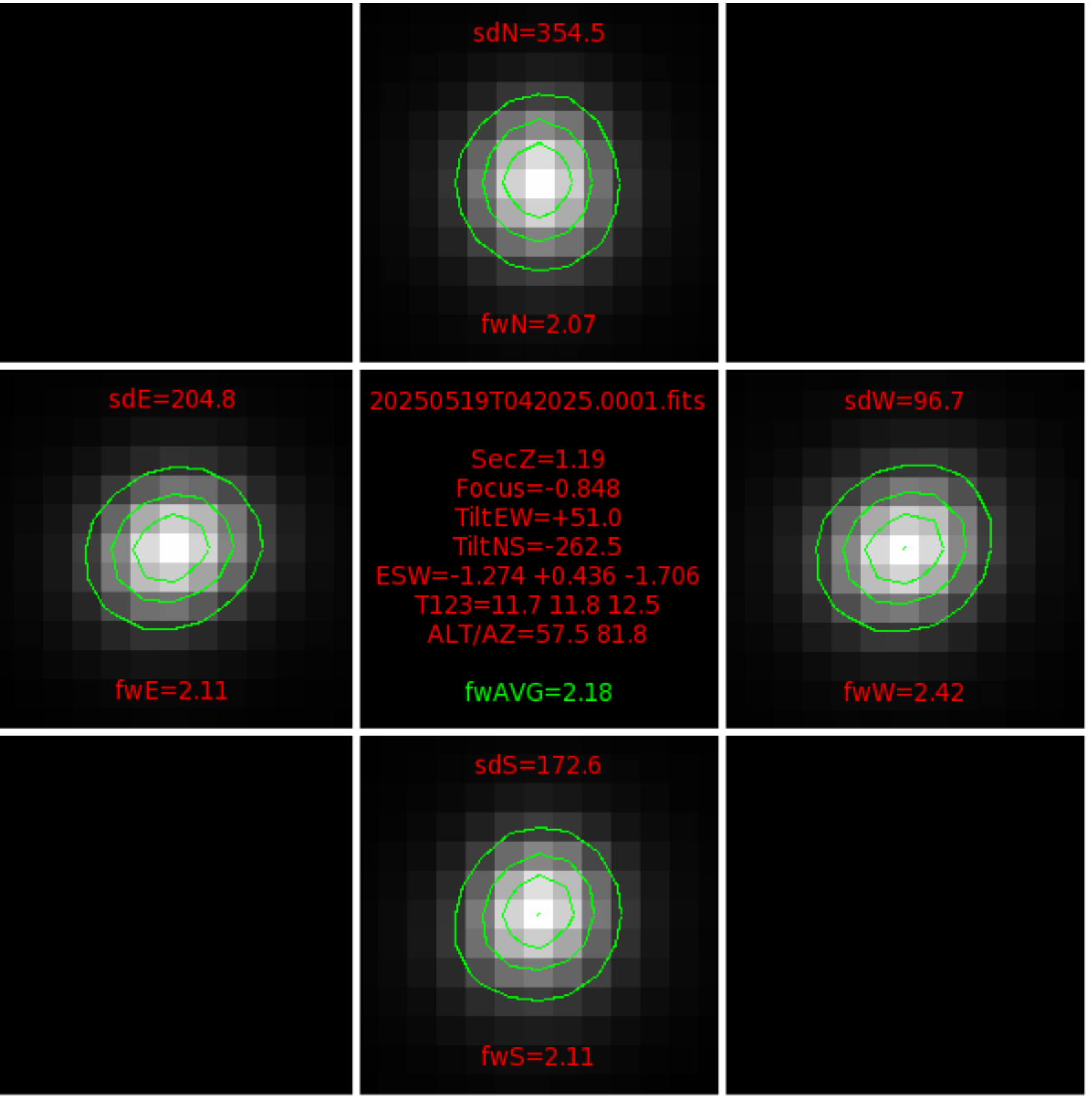
sdN=354.5
fwN=2.07
sdE=204.8
fwE=2.11
20250519T042025.0001.fits
SecZ=1.19
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=57.5 81.8
fwAVG=2.18
sdW=96.7
fwW=2.42
sdS=172.6
fwS=2.11
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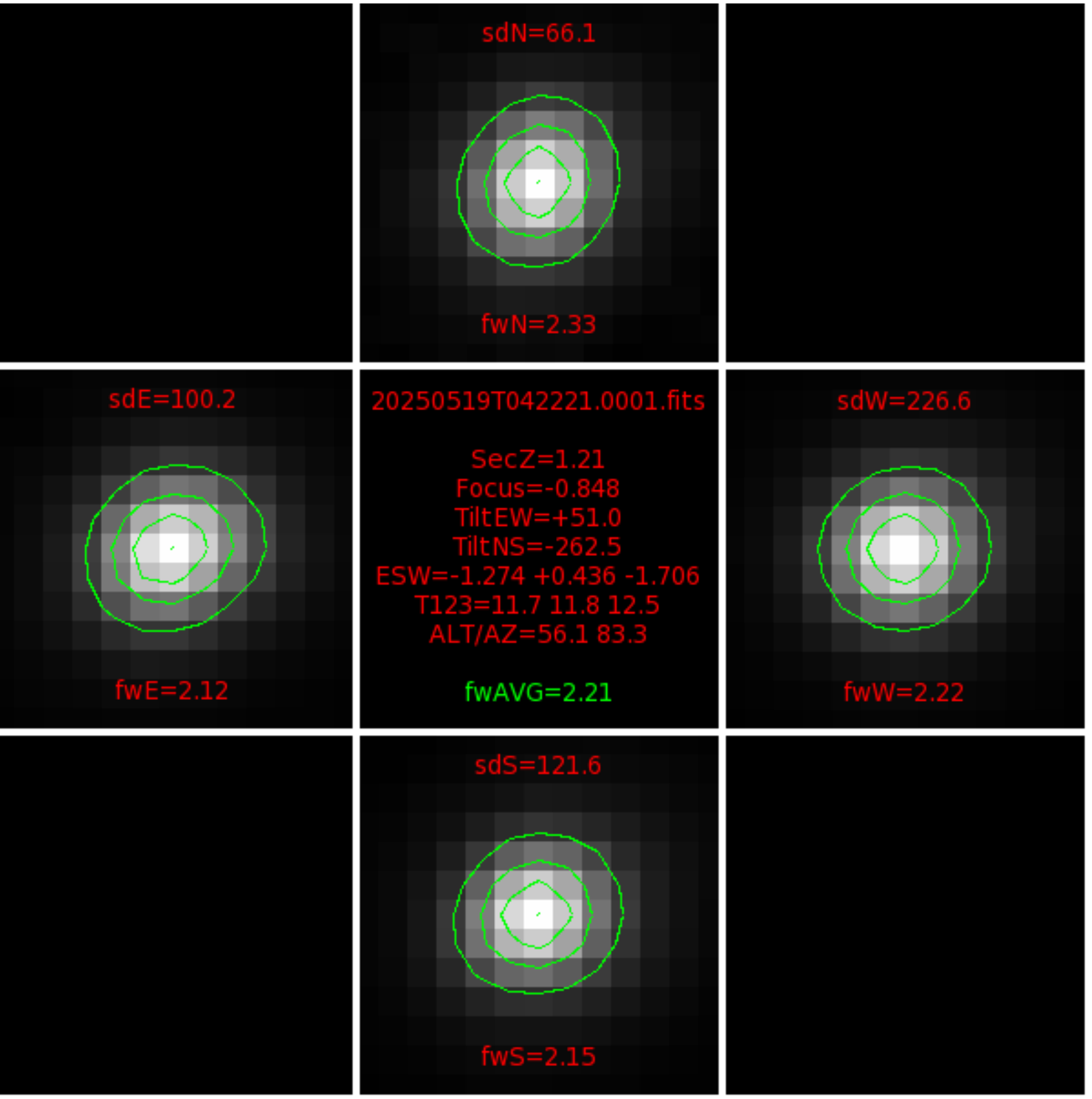
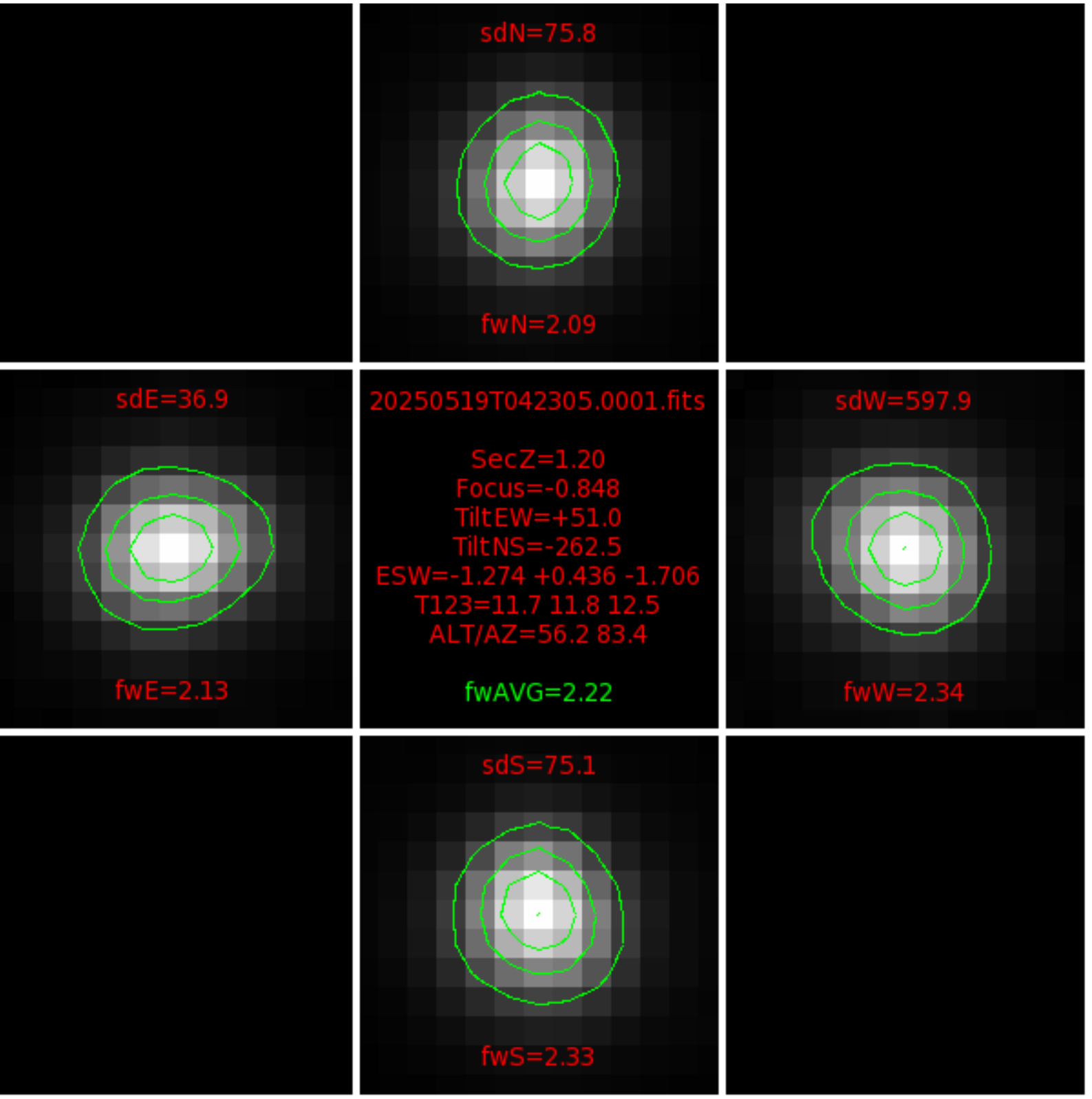

sdN=66.1
fwN=2.33
sdE=100.2
fwE=2.12
20250519T042221.0001.fits
SecZ=1.21
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=56.1 83.3
fwAVG=2.21
sdW=226.6
fwW=2.22
sdS=121.6
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=75.8
fwN=2.09
sdE=36.9
fwE=2.13
20250519T042305.0001.fits
SecZ=1.20
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=56.2 83.4
fwAVG=2.22
sdW=597.9
fwW=2.34
sdS=75.1
fwS=2.33
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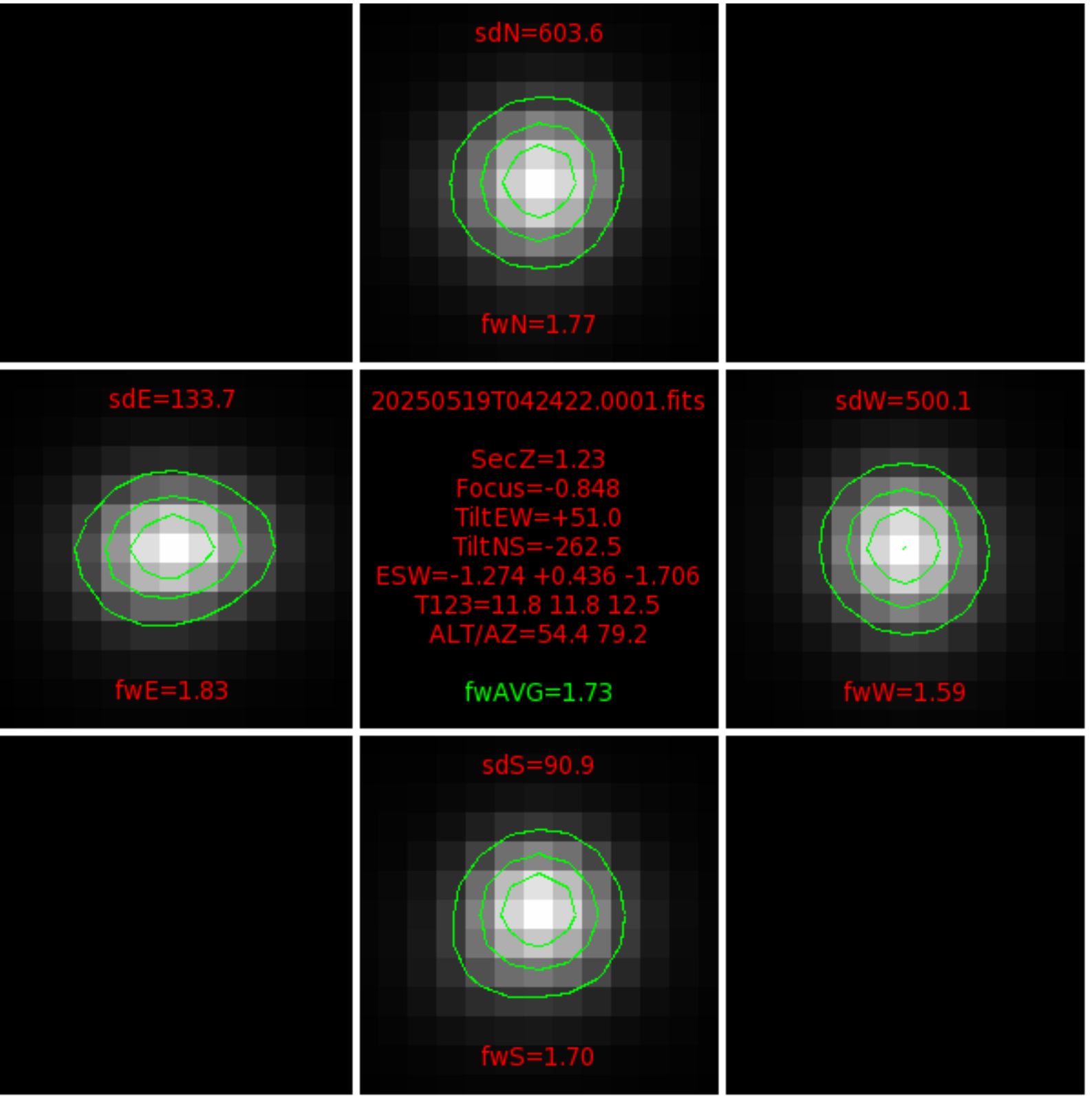
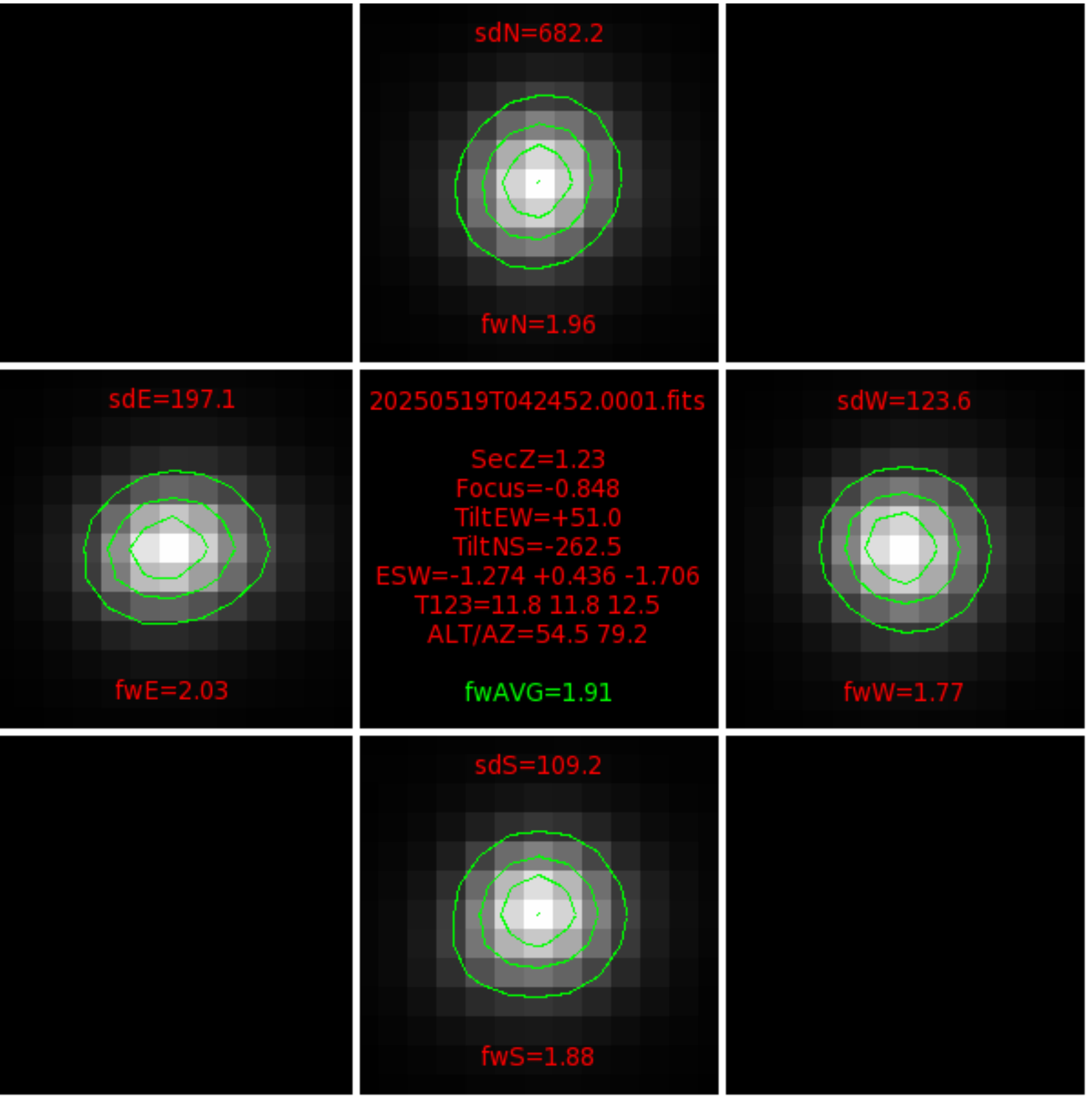
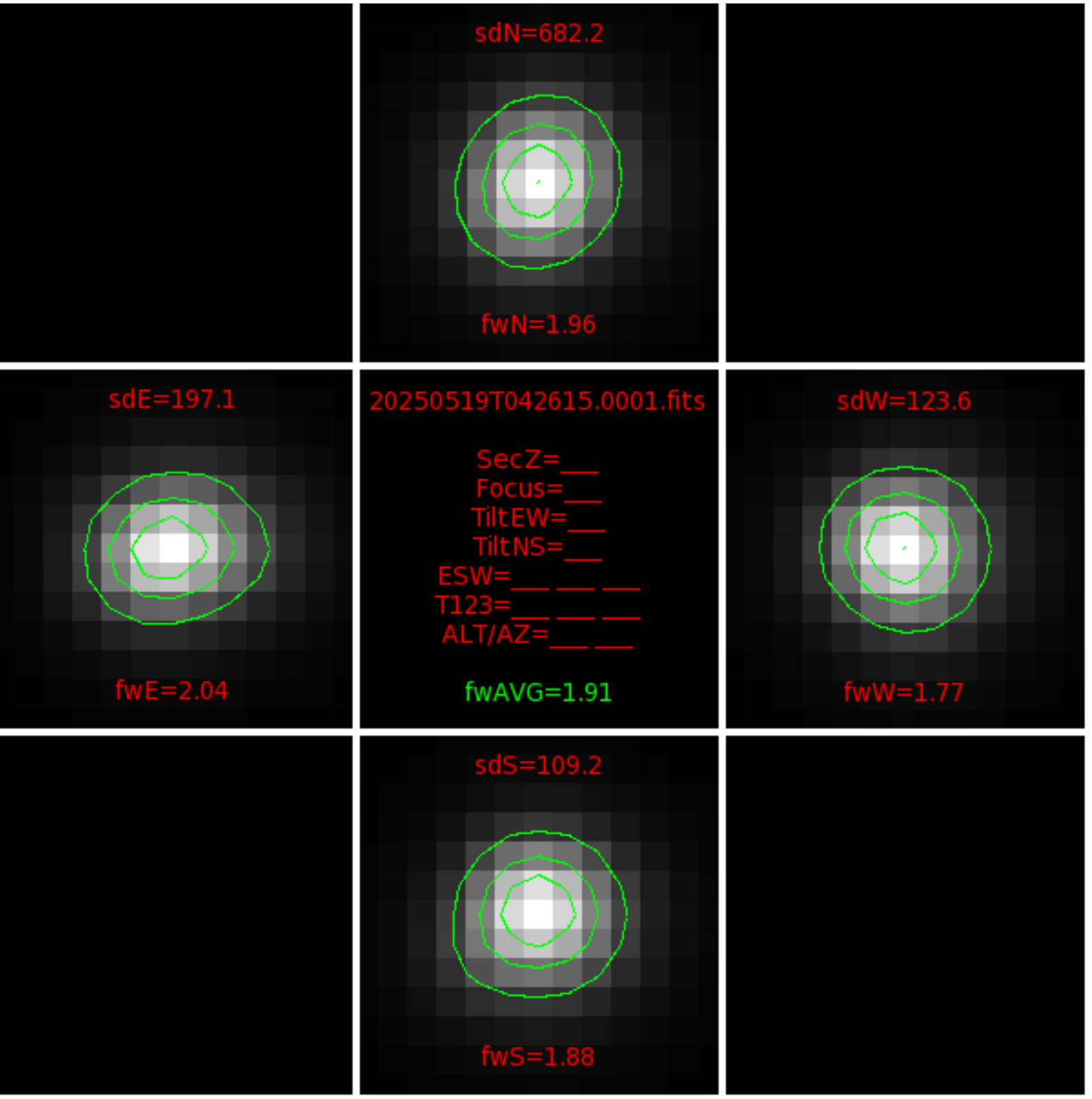

sdN=603.6
fwN=1.77
sdE=133.7
fwE=1.83
20250519T042422.0001.fits
SecZ=1.23
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=54.4 79.2
fwAVG=1.73
sdW=500.1
fwW=1.59
sdS=90.9
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=682.2
fwN=1.96
sdE=197.1
fwE=2.03
20250519T042452.0001.fits
SecZ=1.23
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=54.5 79.2
fwAVG=1.91
sdW=123.6
fwW=1.77
sdS=109.2
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=682.2
fwN=1.96
sdE=197.1
fwE=2.04
20250519T042615.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=1.91
sdW=123.6
fwW=1.77
sdS=109.2
fwS=1.88
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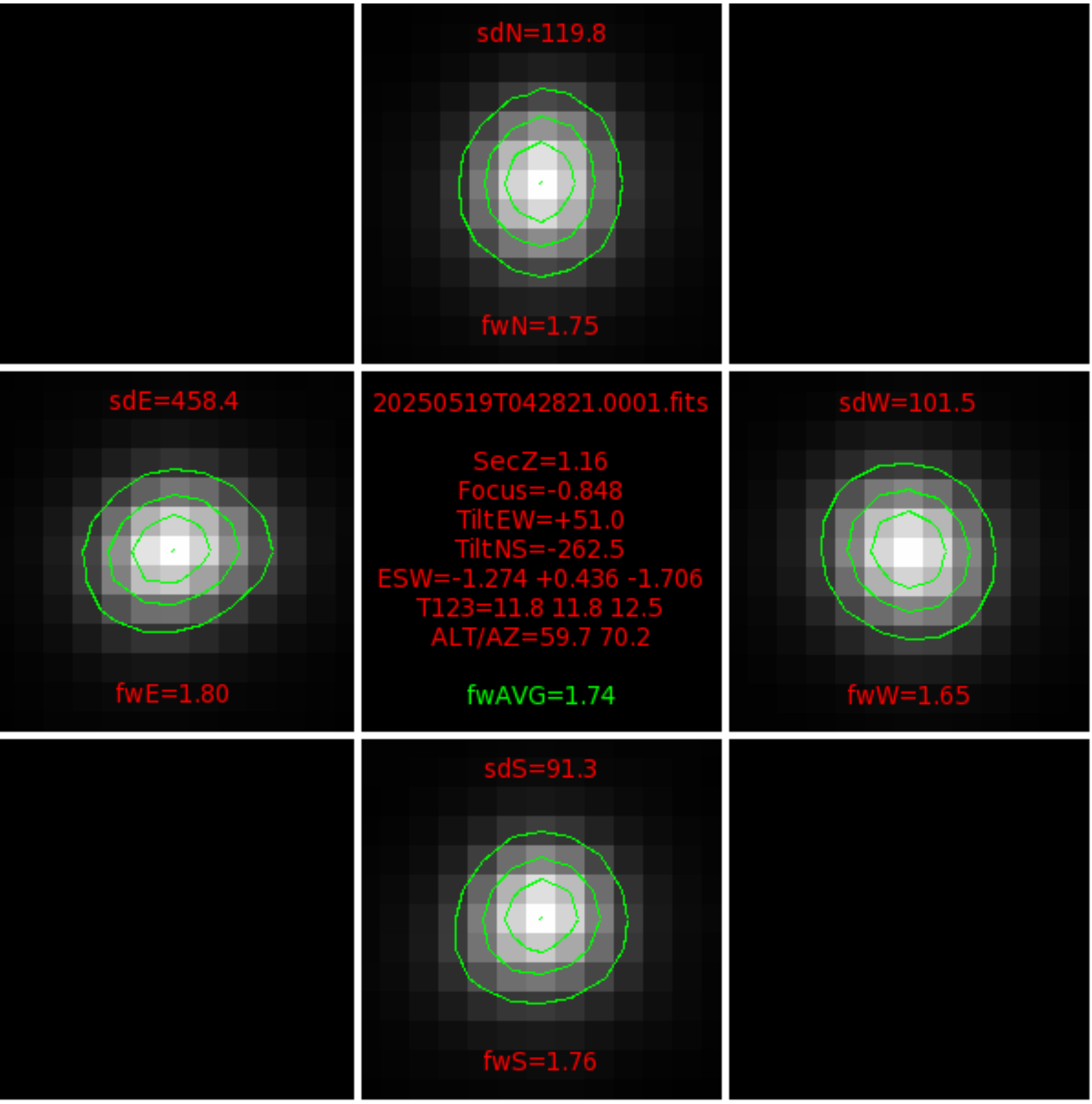
sdN=119.8
fwN=1.75
sdE=458.4
fwE=1.80
20250519T042821.0001.fits
SecZ=1.16
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=59.7 70.2
fwAVG=1.74
sdW=101.5
fwW=1.65
sdS=91.3
fwS=1.76
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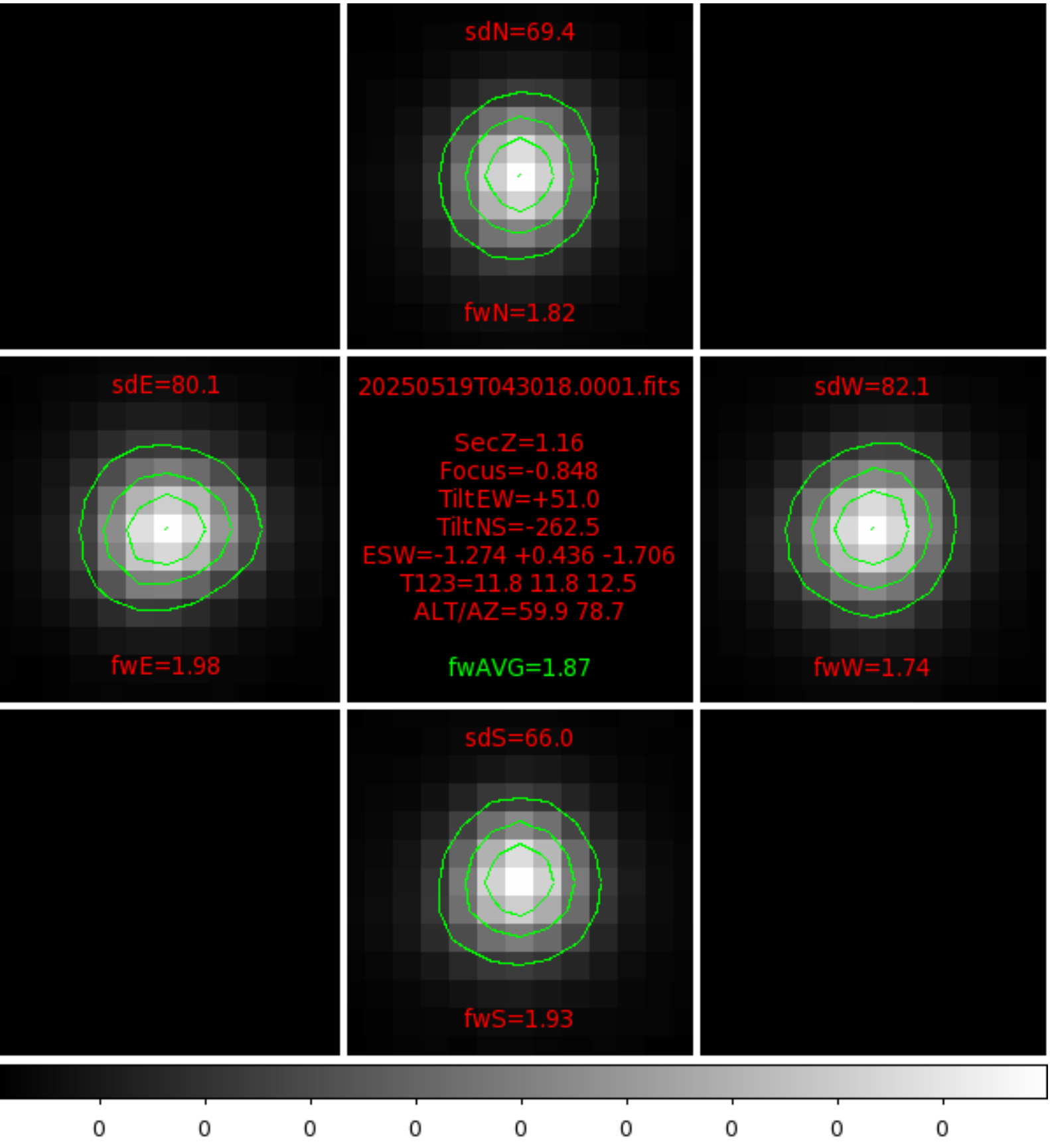
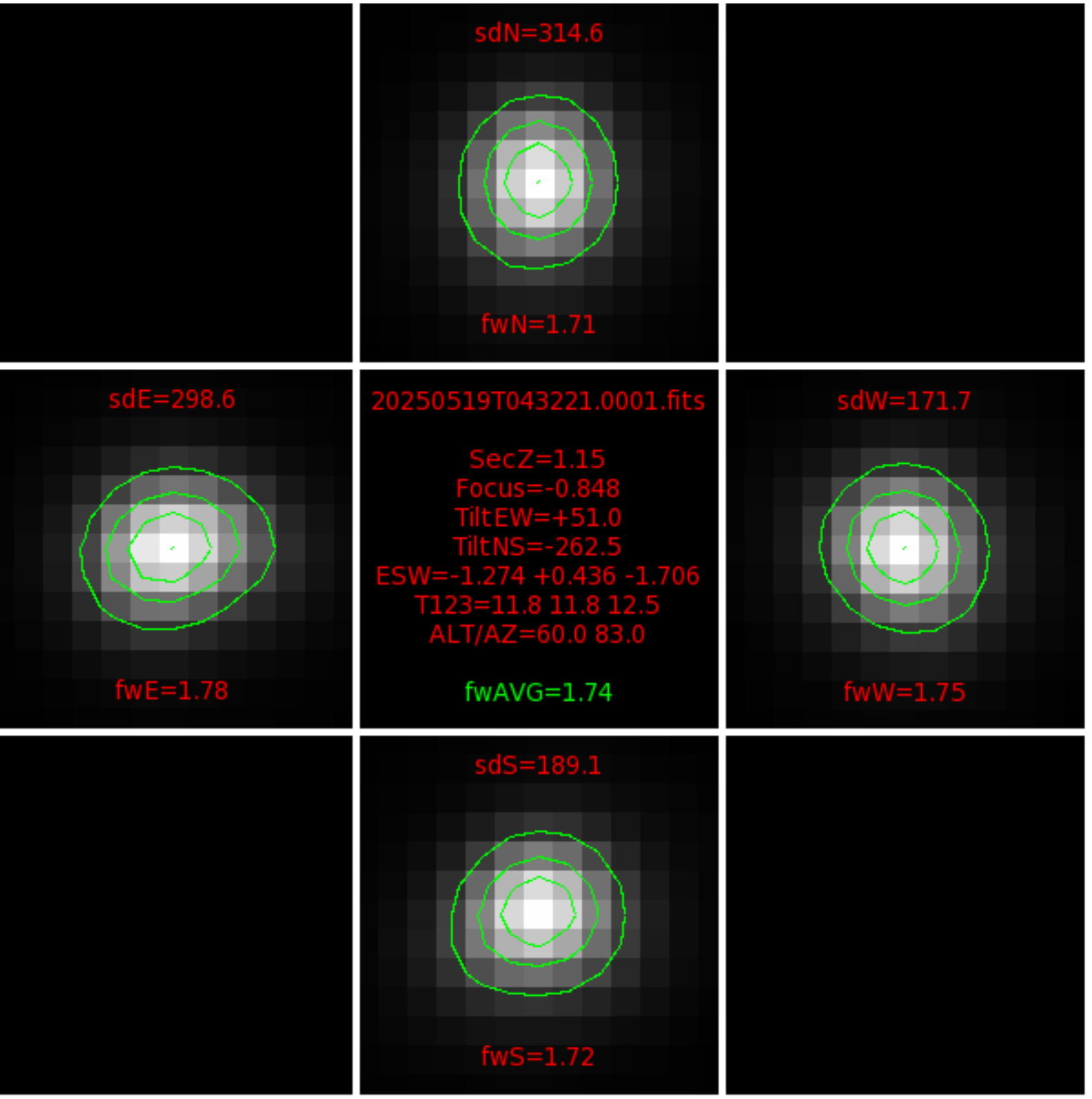

sdN=69.4
fwN=1.82
sdE=80.1
fwE=1.98
20250519T043018.0001.fits
SecZ=1.16
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=59.9 78.7
fwAVG=1.87
sdW=82.1
fwW=1.74
sdS=66.0
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=314.6
fwN=1.71
sdE=298.6
fwE=1.78
20250519T043221.0001.fits
SecZ=1.15
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=60.0 83.0
fwAVG=1.74
sdW=171.7
fwW=1.75
sdS=189.1
fwS=1.72
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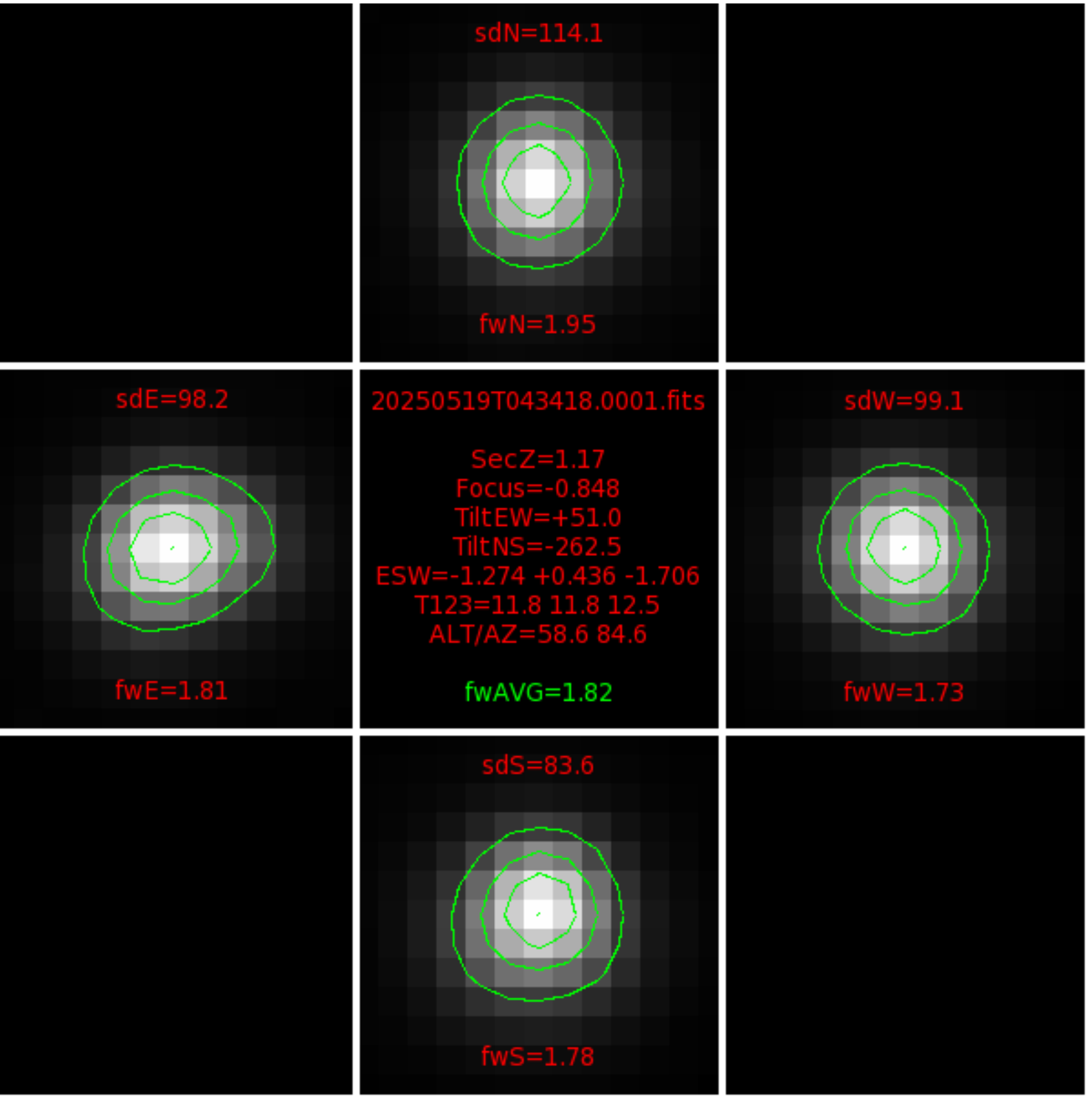
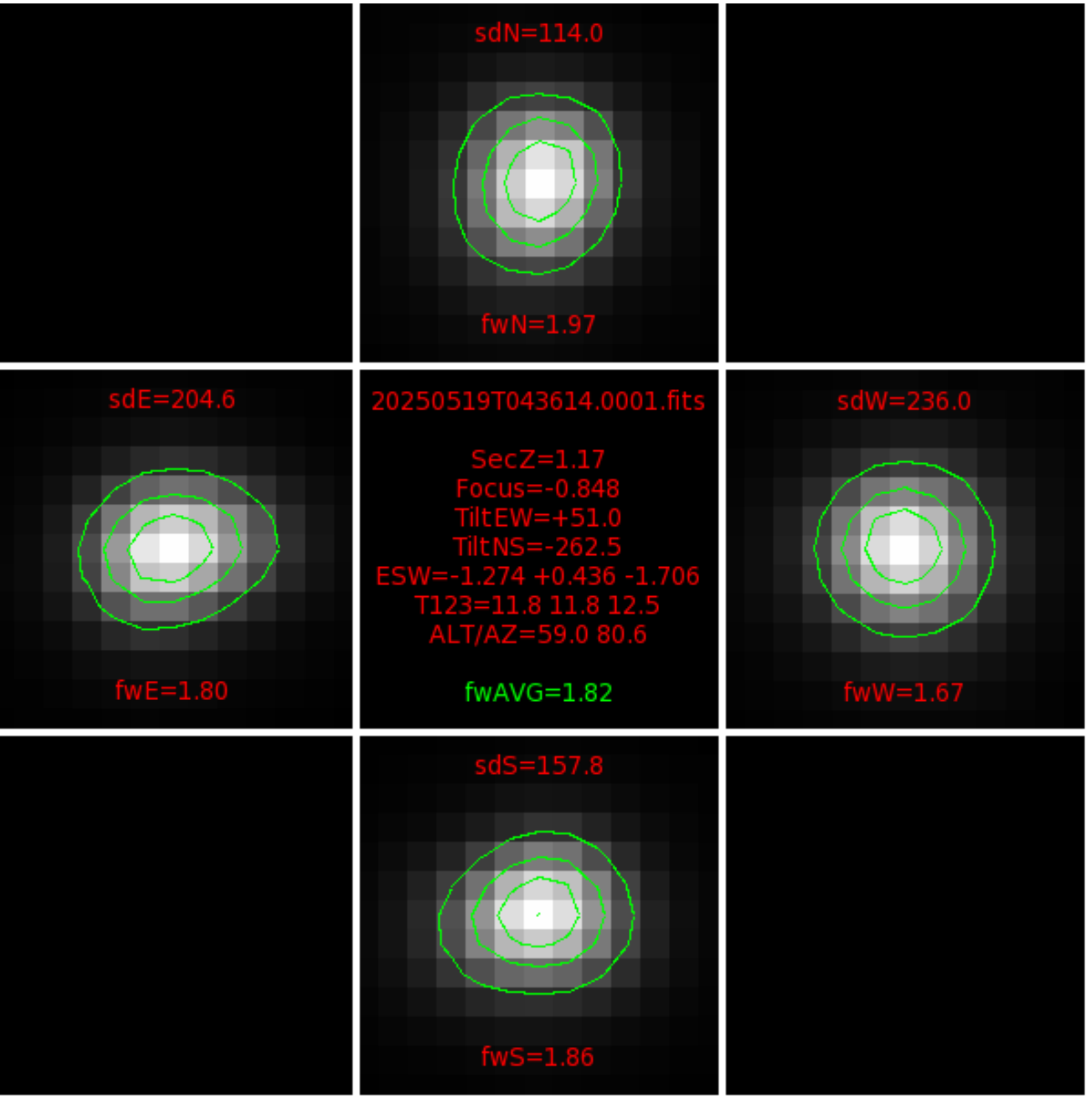

sdN=114.1
fwN=1.95
sdE=98.2
fwE=1.81
20250519T043418.0001.fits
SecZ=1.17
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=58.6 84.6
fwAVG=1.82
sdW=99.1
fwW=1.73
sdS=83.6
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=114.0
fwN=1.97
sdE=204.6
fwE=1.80
20250519T043614.0001.fits
SecZ=1.17
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=59.0 80.6
fwAVG=1.82
sdW=236.0
fwW=1.67
sdS=157.8
fwS=1.86
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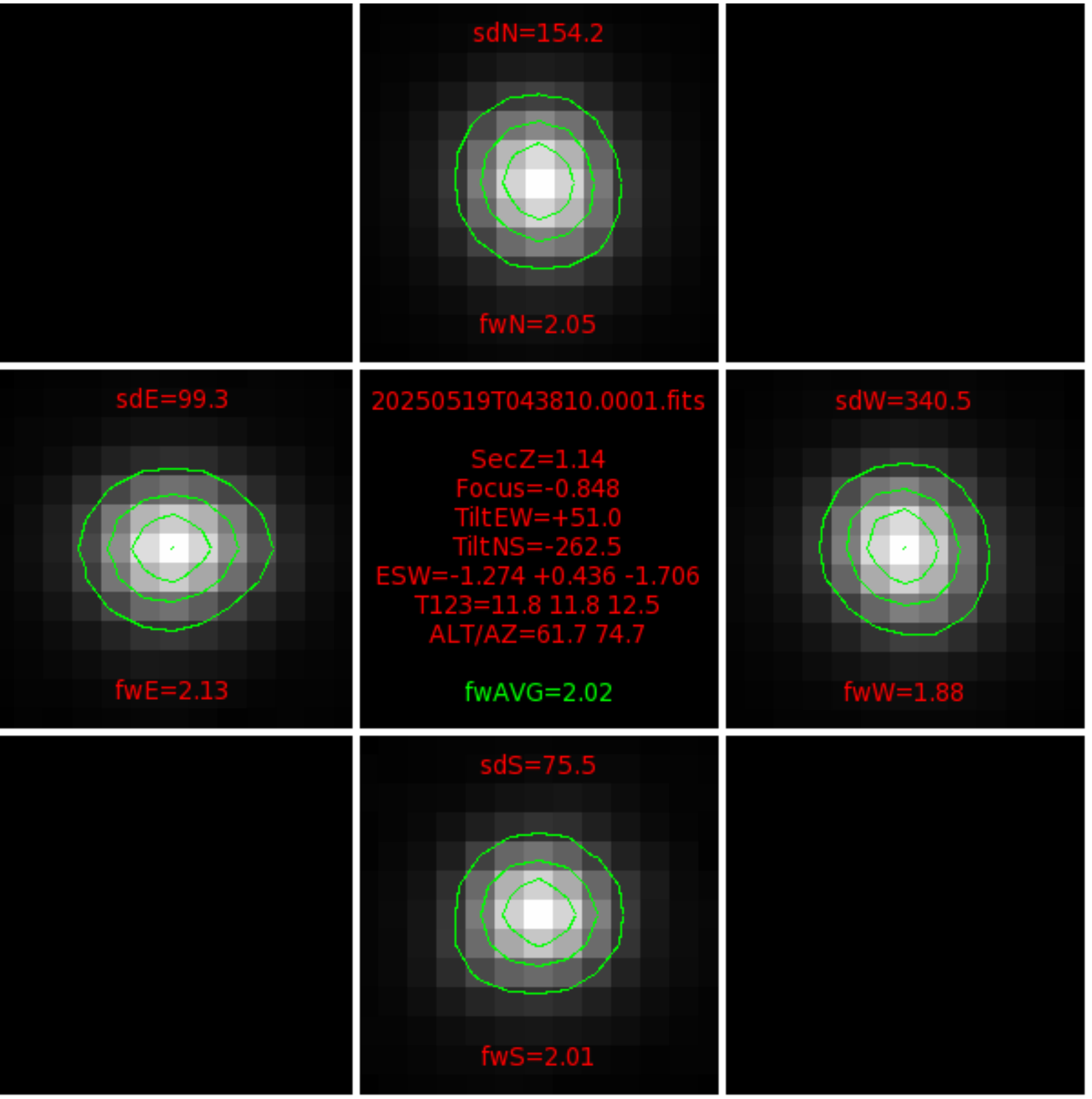
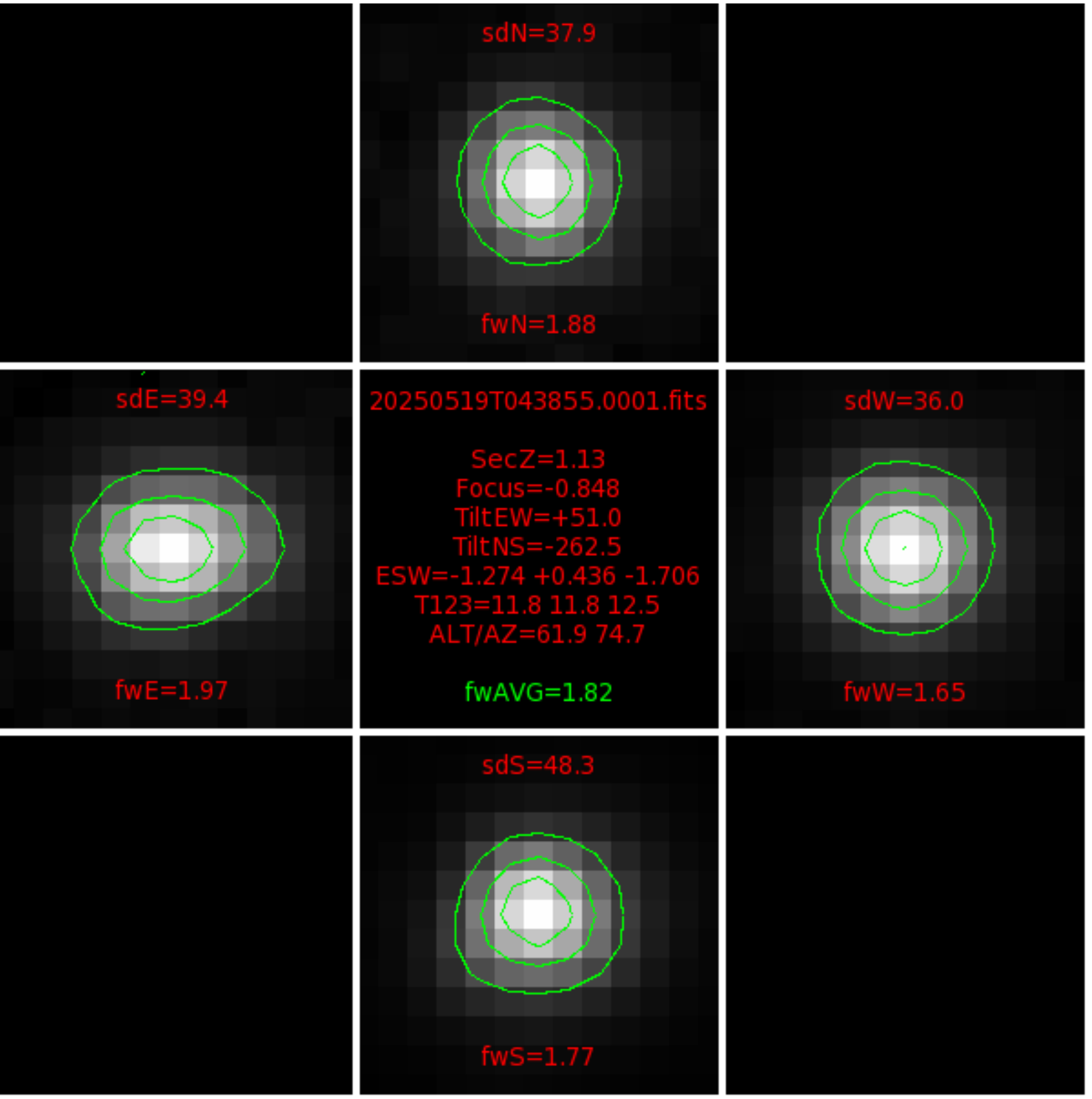
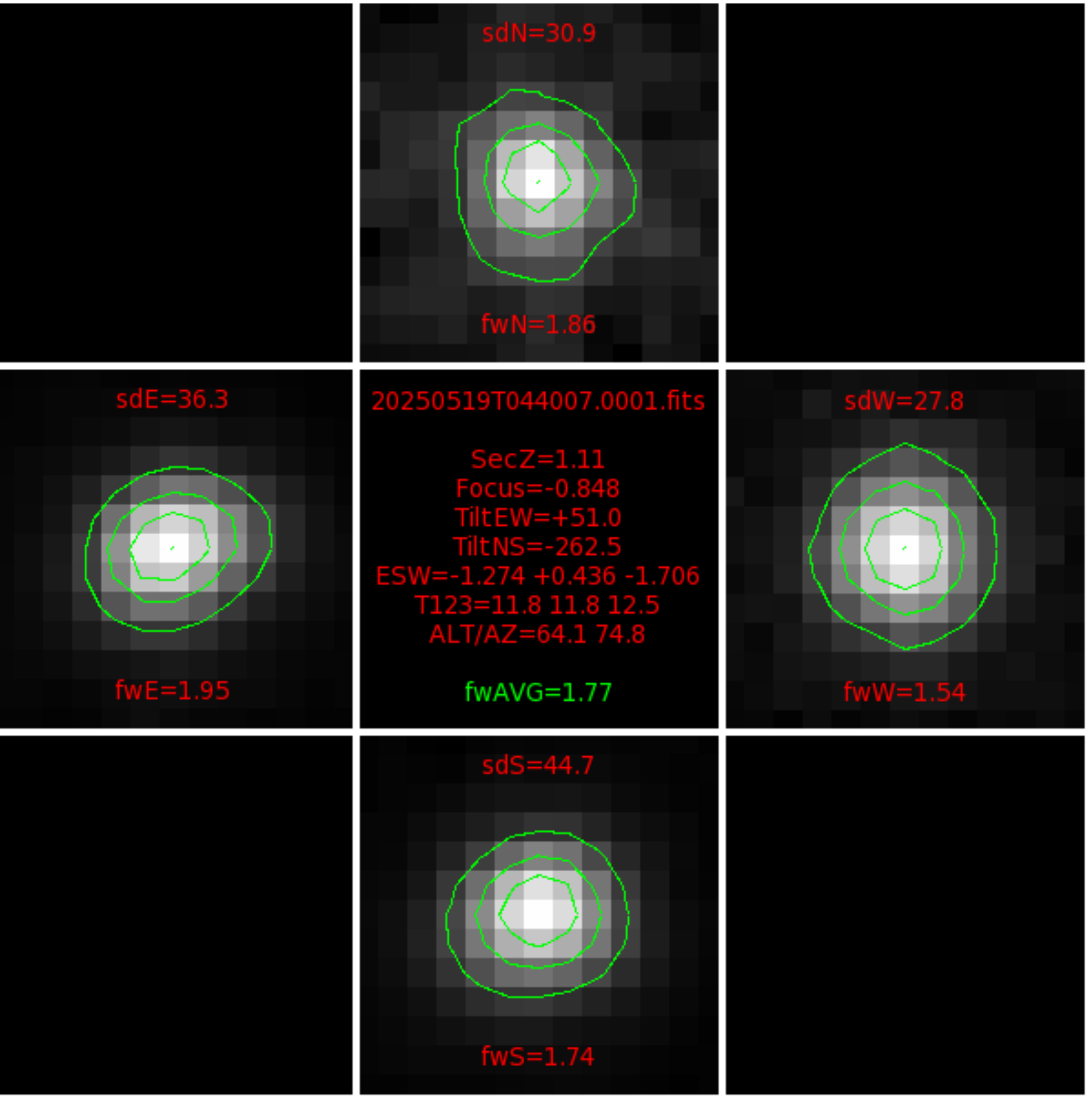

sdN=154.2
fwN=2.05
sdE=99.3
fwE=2.13
20250519T043810.0001.fits
SecZ=1.14
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=61.7 74.7
fwAVG=2.02
sdW=340.5
fwW=1.88
sdS=75.5
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=37.9
fwN=1.88
sdE=39.4
fwE=1.97
20250519T043855.0001.fits
SecZ=1.13
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=61.9 74.7
fwAVG=1.82
sdW=36.0
fwW=1.65
sdS=48.3
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=30.9
fwN=1.86
sdE=36.3
fwE=1.95
20250519T044007.0001.fits
SecZ=1.11
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=64.1 74.8
fwAVG=1.77
sdW=27.8
fwW=1.54
sdS=44.7
fwS=1.74
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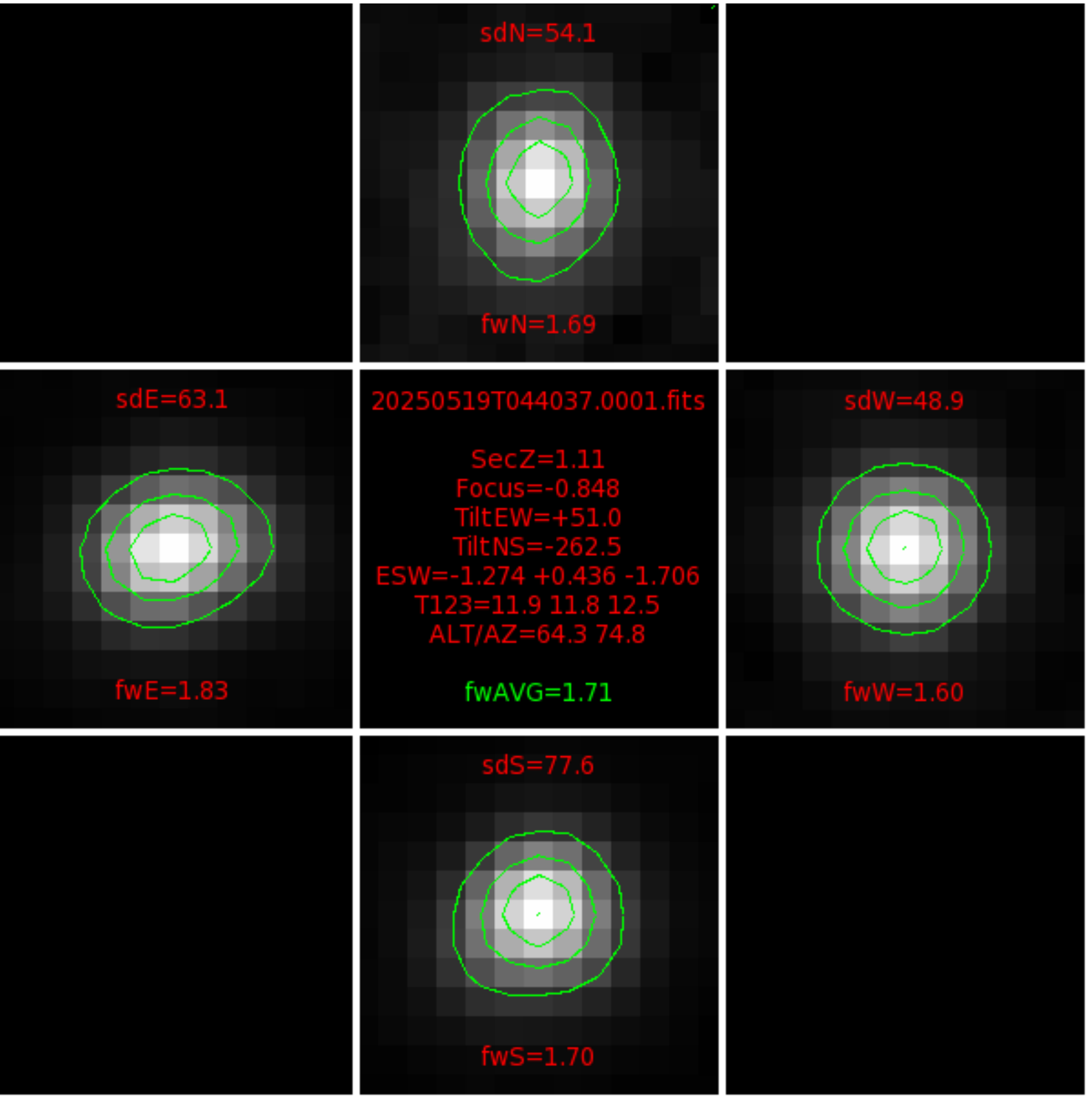
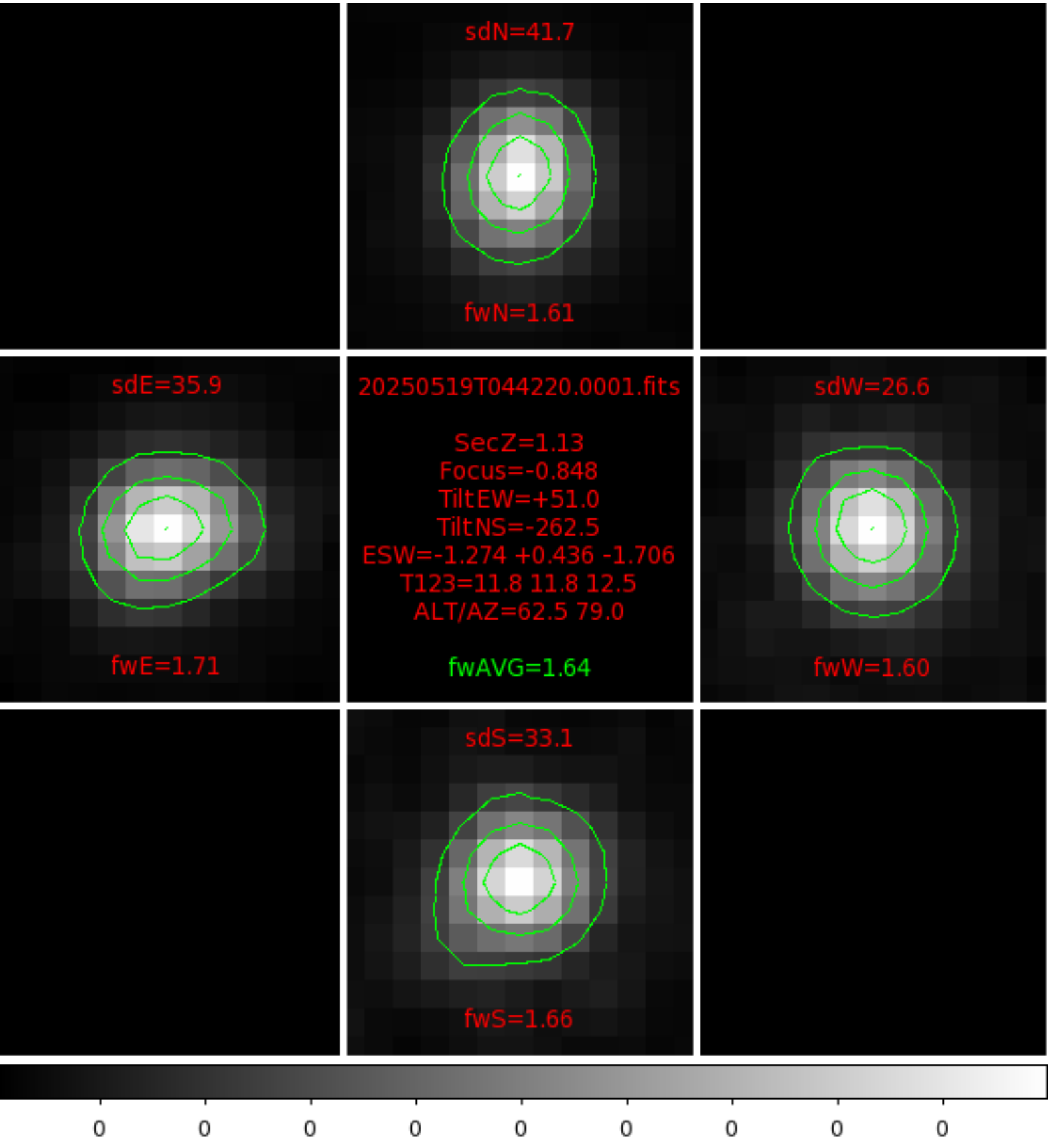
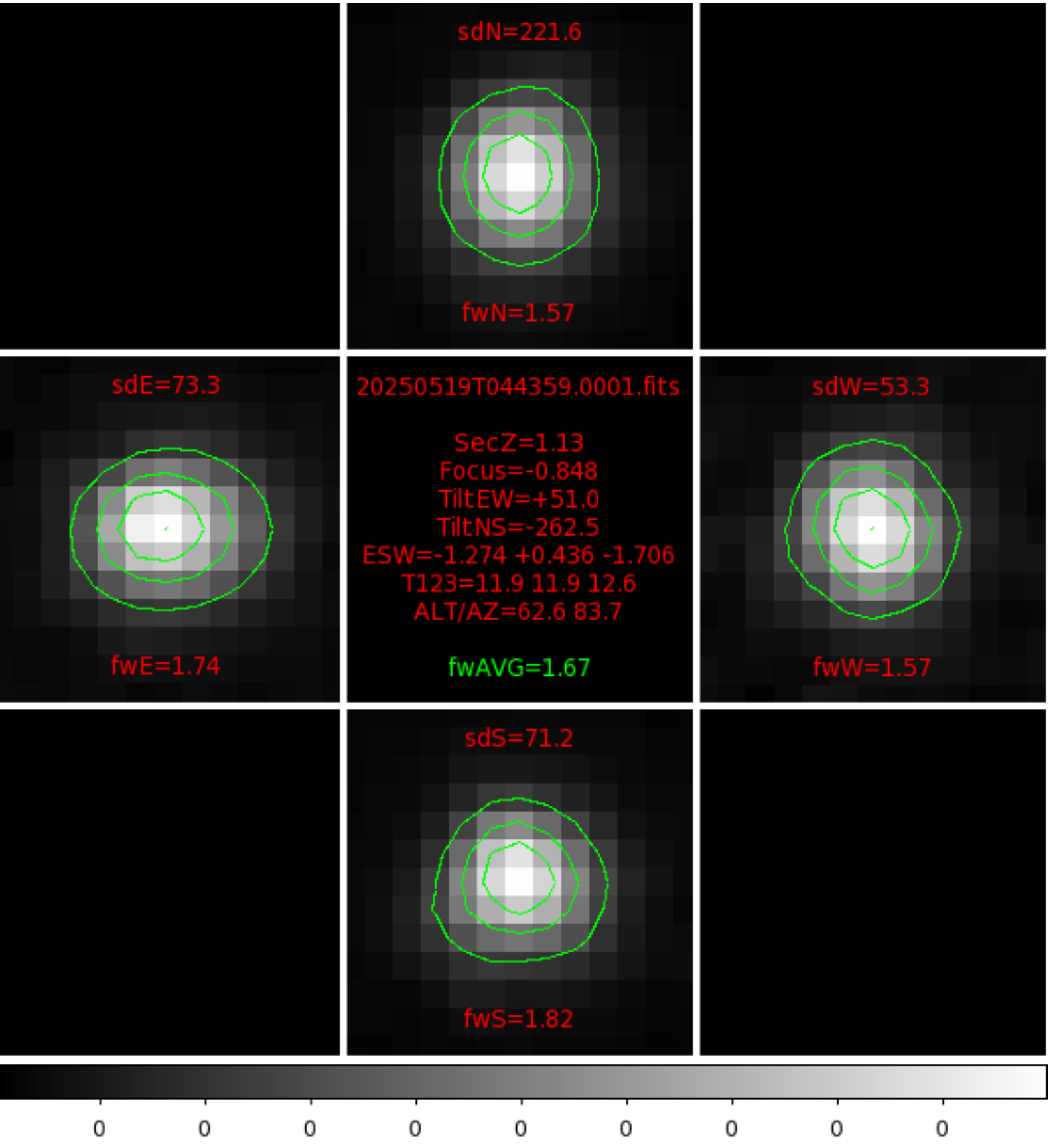
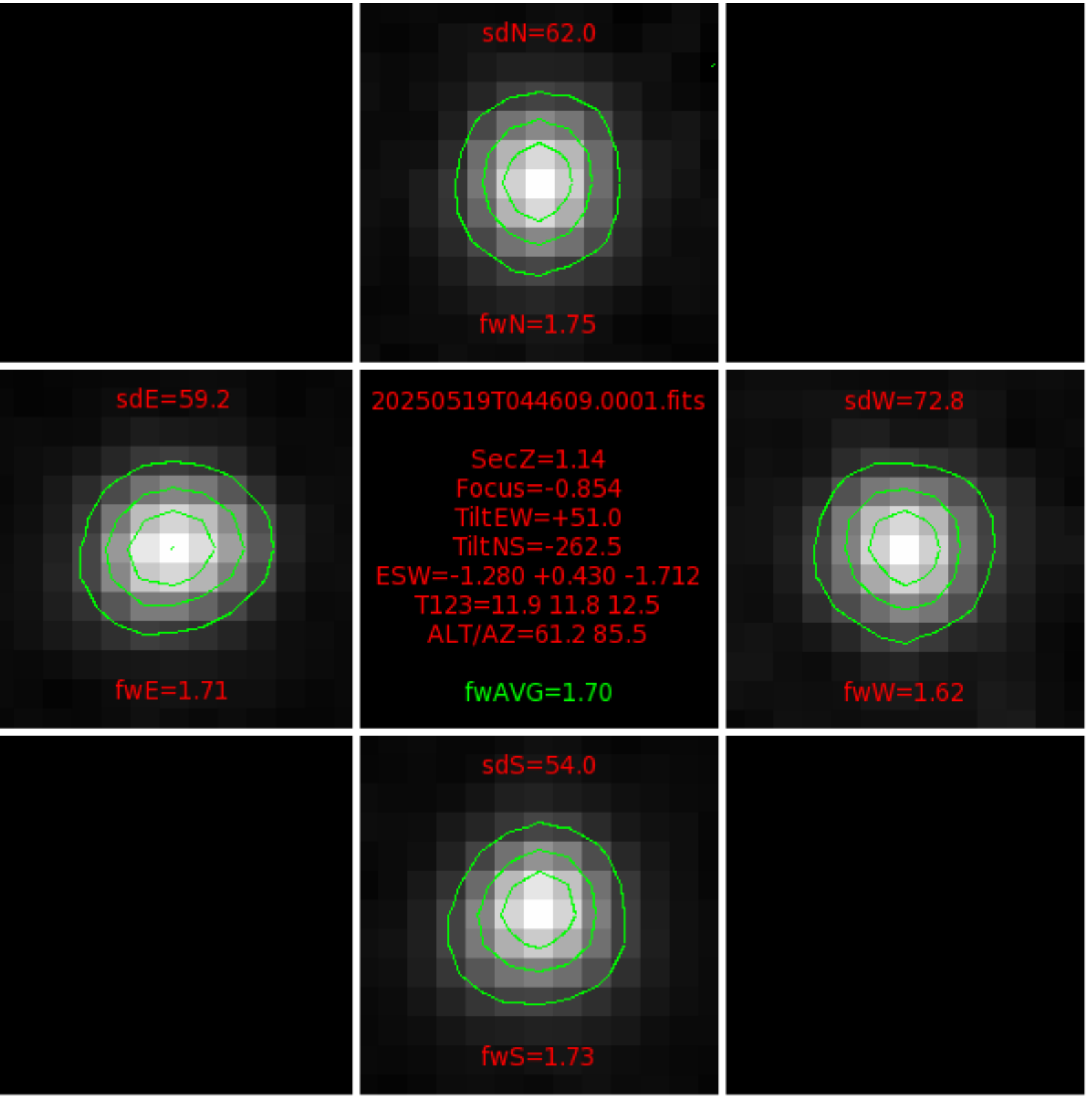
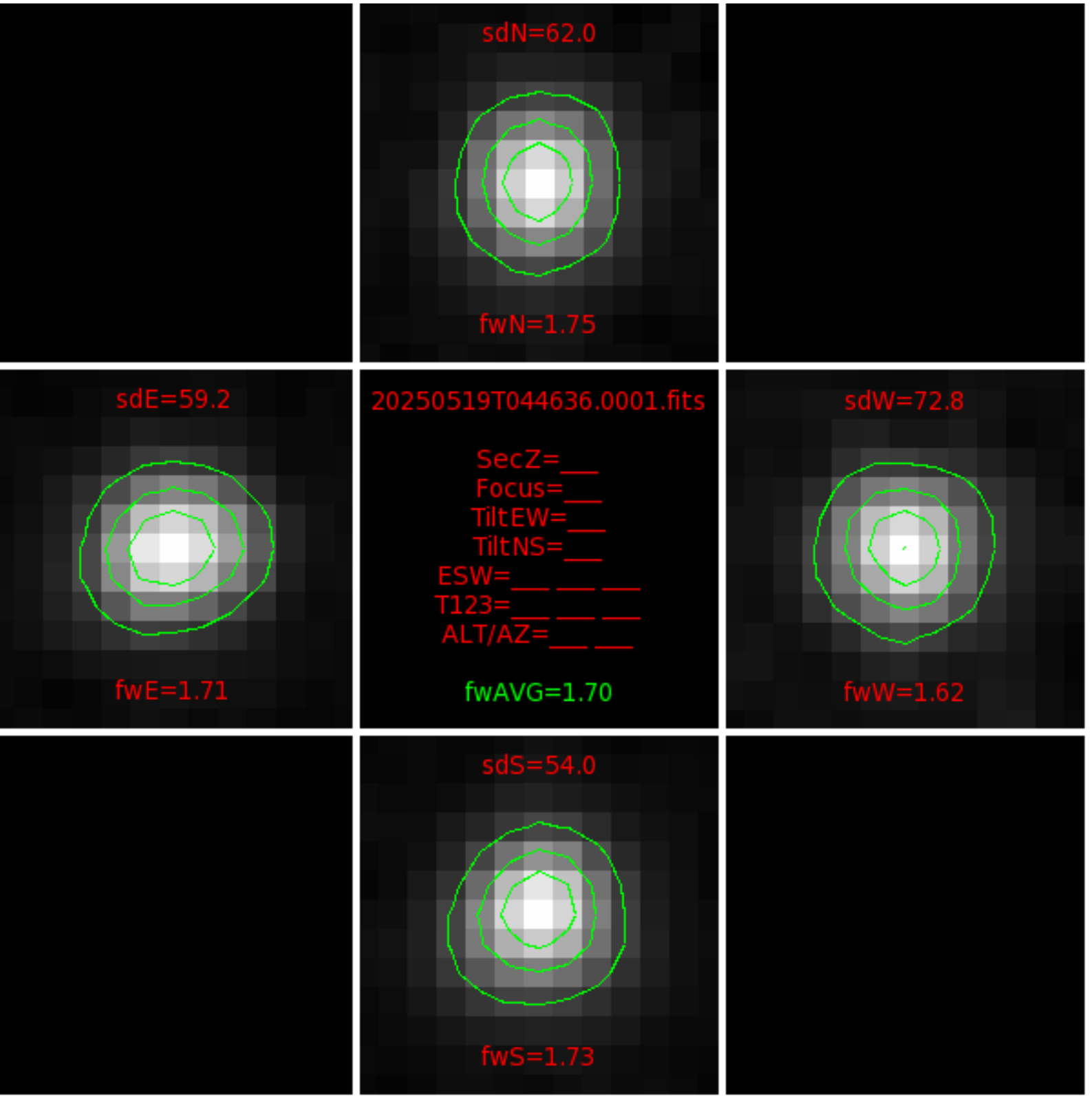

sdN=54.1
fwN=1.69
sdE=63.1
fwE=1.83
20250519T044037.0001.fits
SecZ=1.11
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.8 12.5
ALT/AZ=64.3 74.8
fwAVG=1.71
sdW=48.9
fwW=1.60
sdS=77.6
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=41.7
fwN=1.61
sdE=35.9
fwE=1.71
20250519T044220.0001.fits
SecZ=1.13
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.8 12.5
ALT/AZ=62.5 79.0
fwAVG=1.64
sdW=26.6
fwW=1.60
sdS=33.1
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=221.6
fwN=1.57
sdE=73.3
fwE=1.74
20250519T044359.0001.fits
SecZ=1.13
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.9 12.6
ALT/AZ=62.6 83.7
fwAVG=1.67
sdW=53.3
fwW=1.57
sdS=71.2
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=62.0
fwN=1.75
sdE=59.2
fwE=1.71
20250519T044609.0001.fits
SecZ=1.14
Focus=-0.854
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.280 +0.430 -1.712
T123=11.9 11.8 12.5
ALT/AZ=61.2 85.5
fwAVG=1.70
sdW=72.8
fwW=1.62
sdS=54.0
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=62.0
fwN=1.75
sdE=59.2
fwE=1.71
20250519T044636.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=1.70
sdW=72.8
fwW=1.62
sdS=54.0
fwS=1.73
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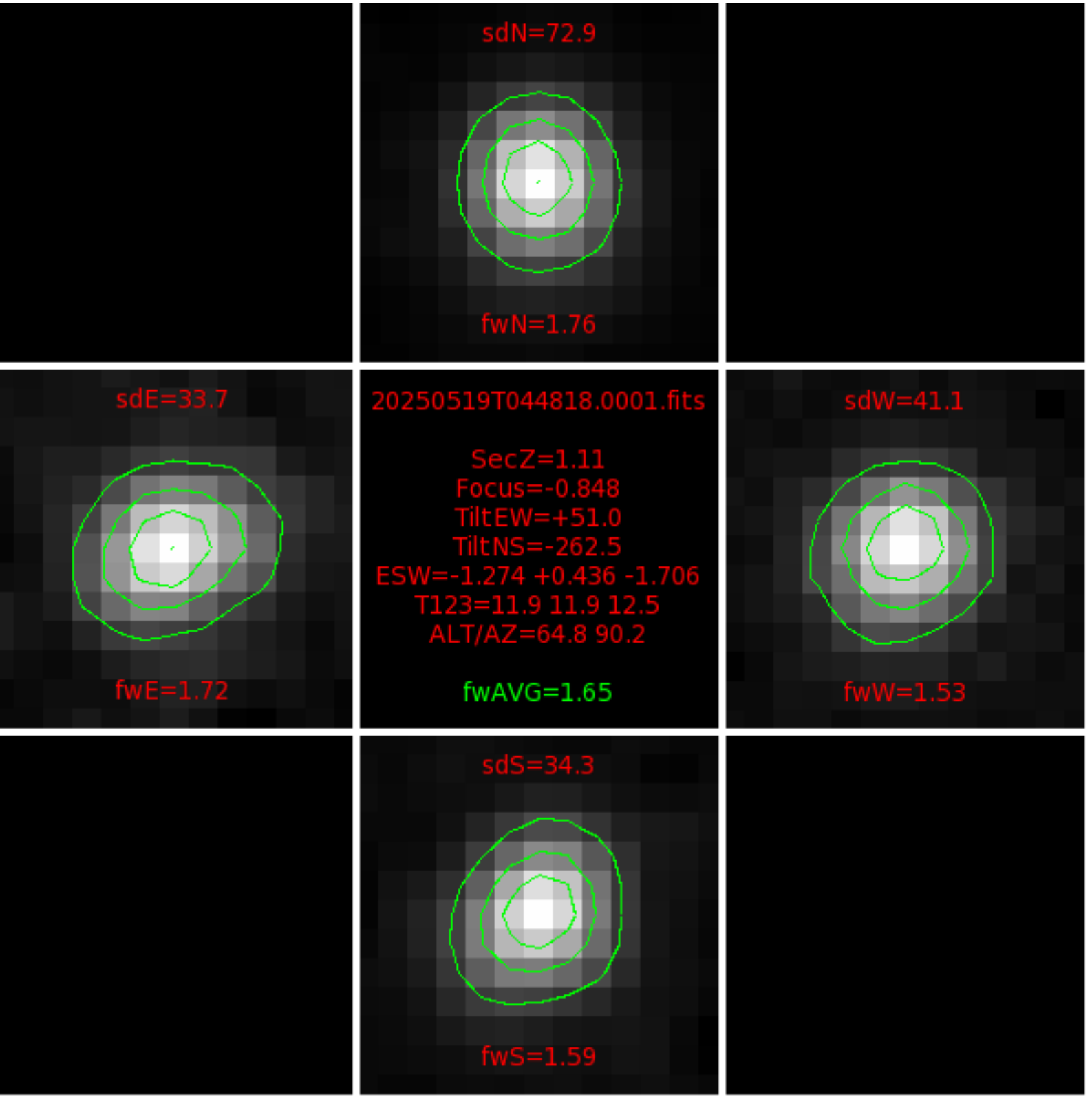
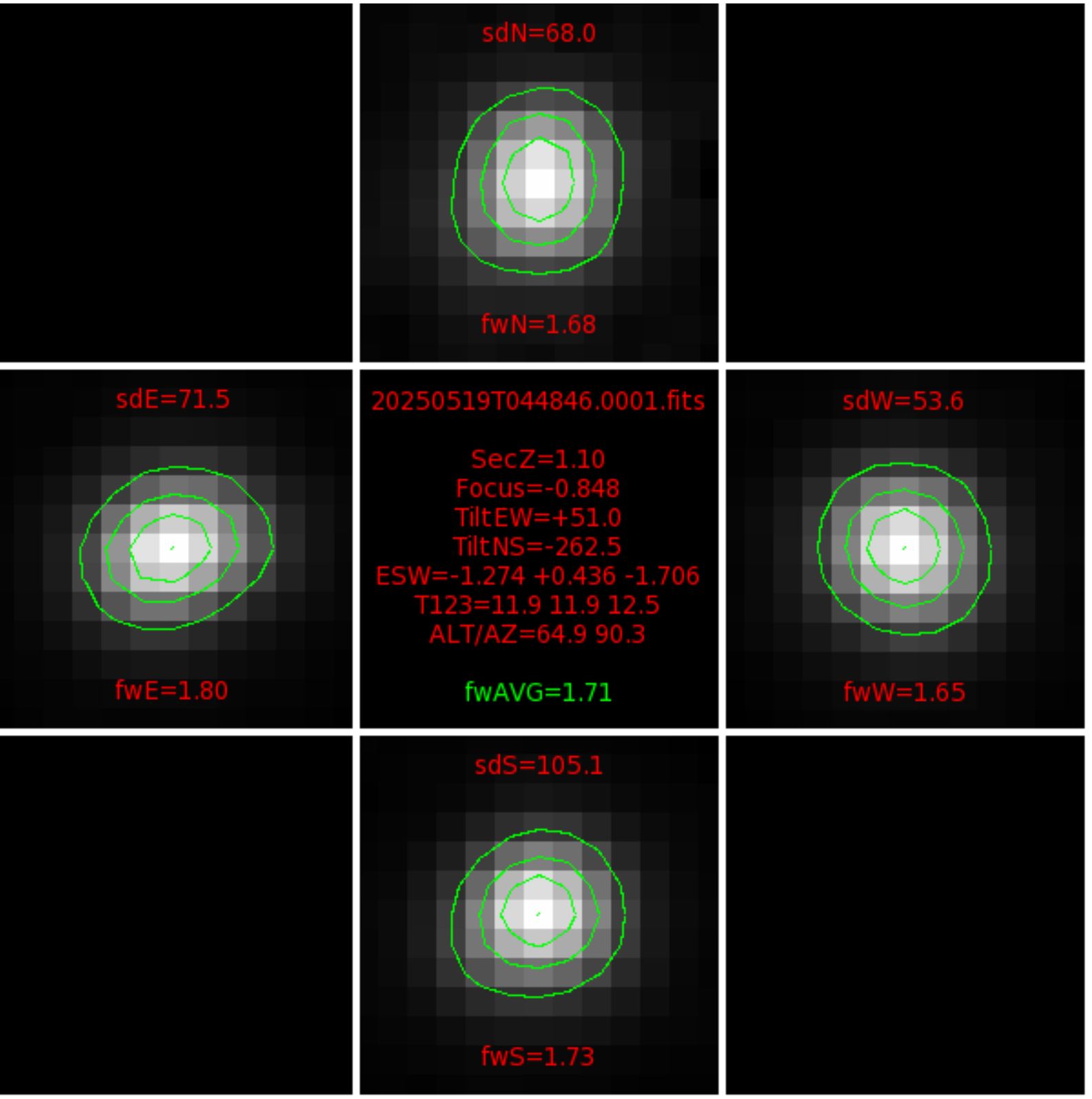
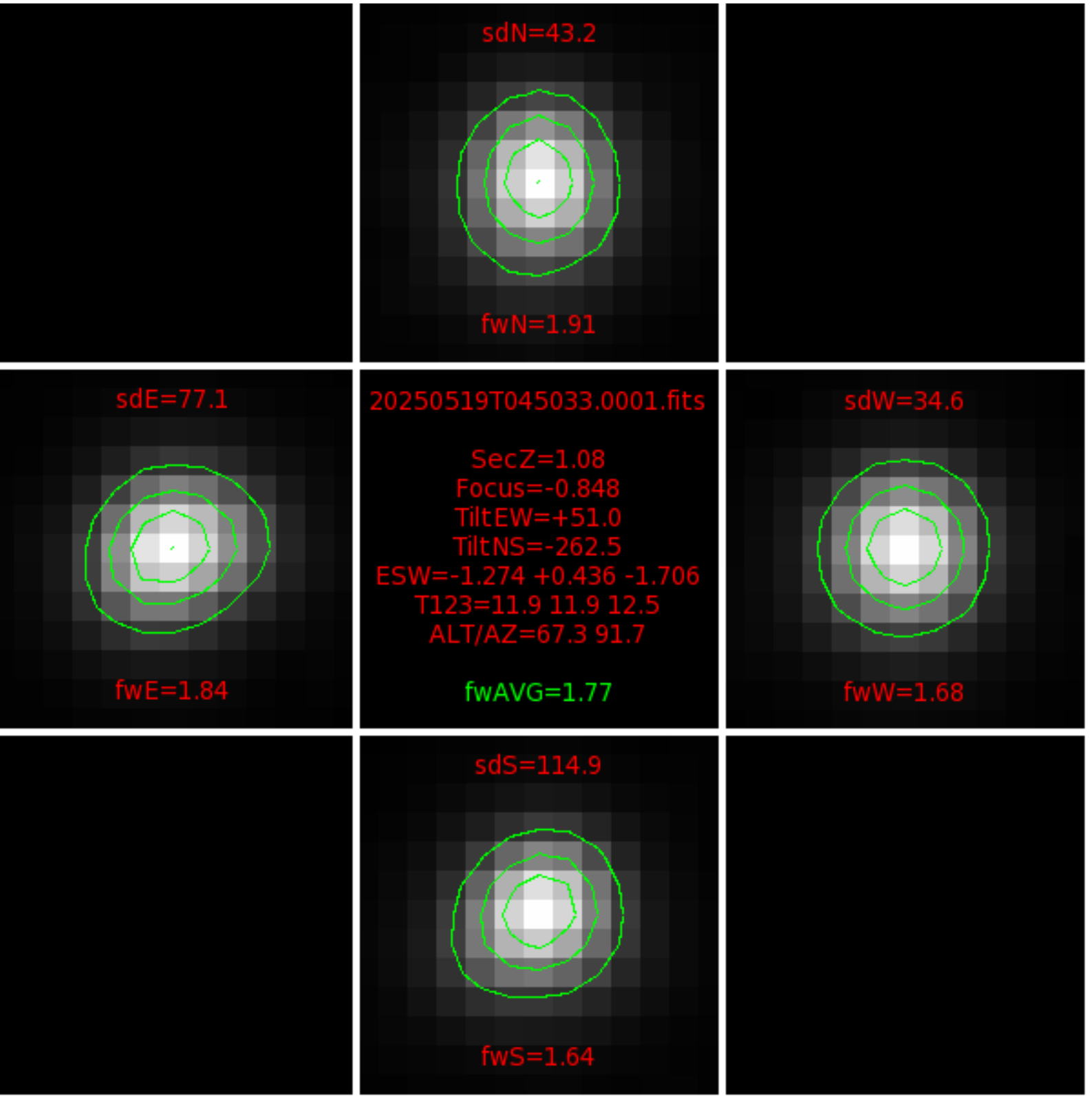

sdN=72.9
fwN=1.76
sdE=33.7
fwE=1.72
20250519T044818.0001.fits
SecZ=1.11
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.9 12.5
ALT/AZ=64.8 90.2
fwAVG=1.65
sdW=41.1
fwW=1.53
sdS=34.3
fwS=1.59
0 0 0 0 0 0 0 0 0


sdN=68.0
fwN=1.68
sdE=71.5
fwE=1.80
20250519T044846.0001.fits
SecZ=1.10
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.9 12.5
ALT/AZ=64.9 90.3
fwAVG=1.71
sdW=53.6
fwW=1.65
sdS=105.1
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=43.2
fwN=1.91
sdE=77.1
fwE=1.84
20250519T045033.0001.fits
SecZ=1.08
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.9 12.5
ALT/AZ=67.3 91.7
fwAVG=1.77
sdW=34.6
fwW=1.68
sdS=114.9
fwS=1.64
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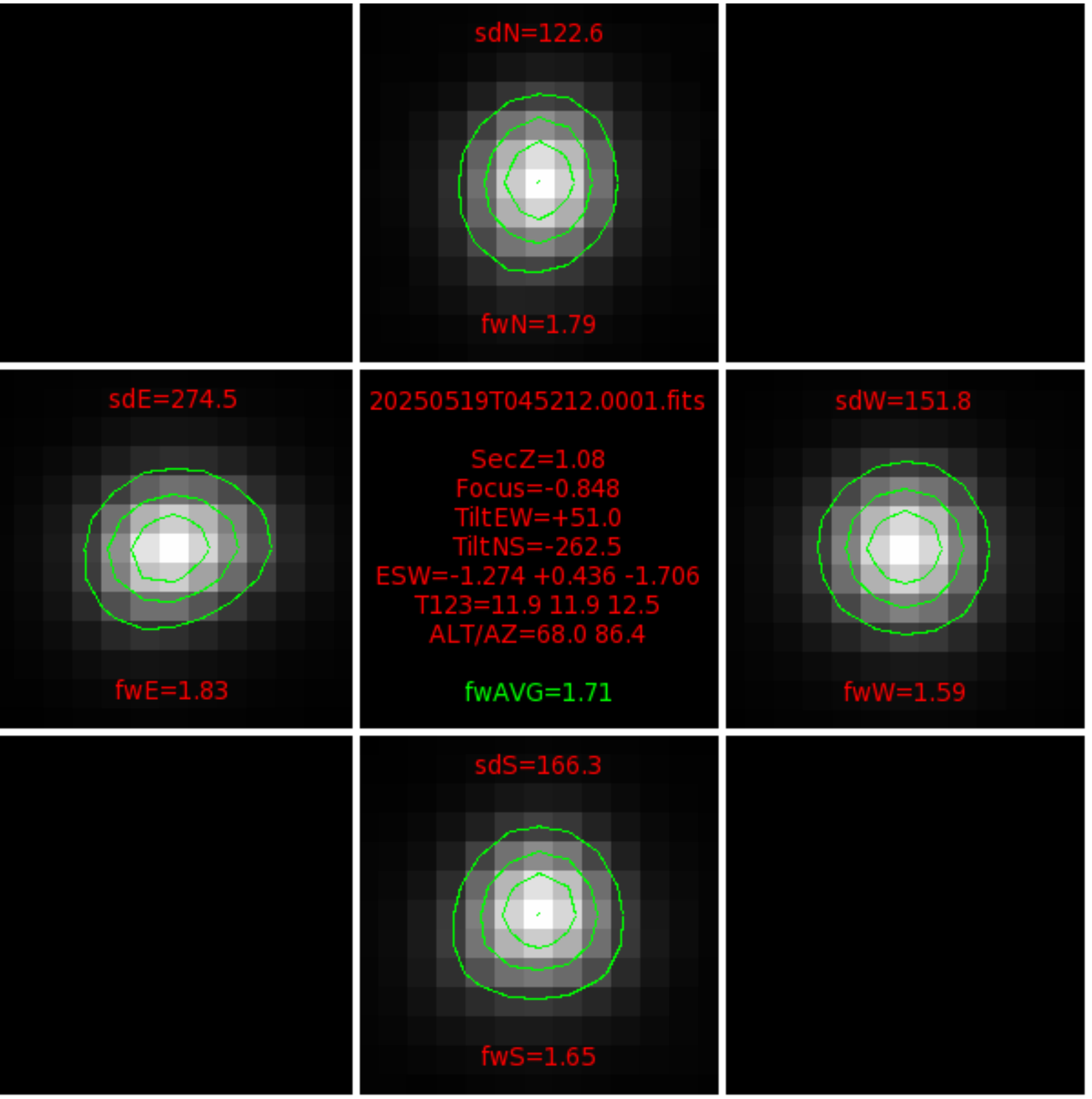
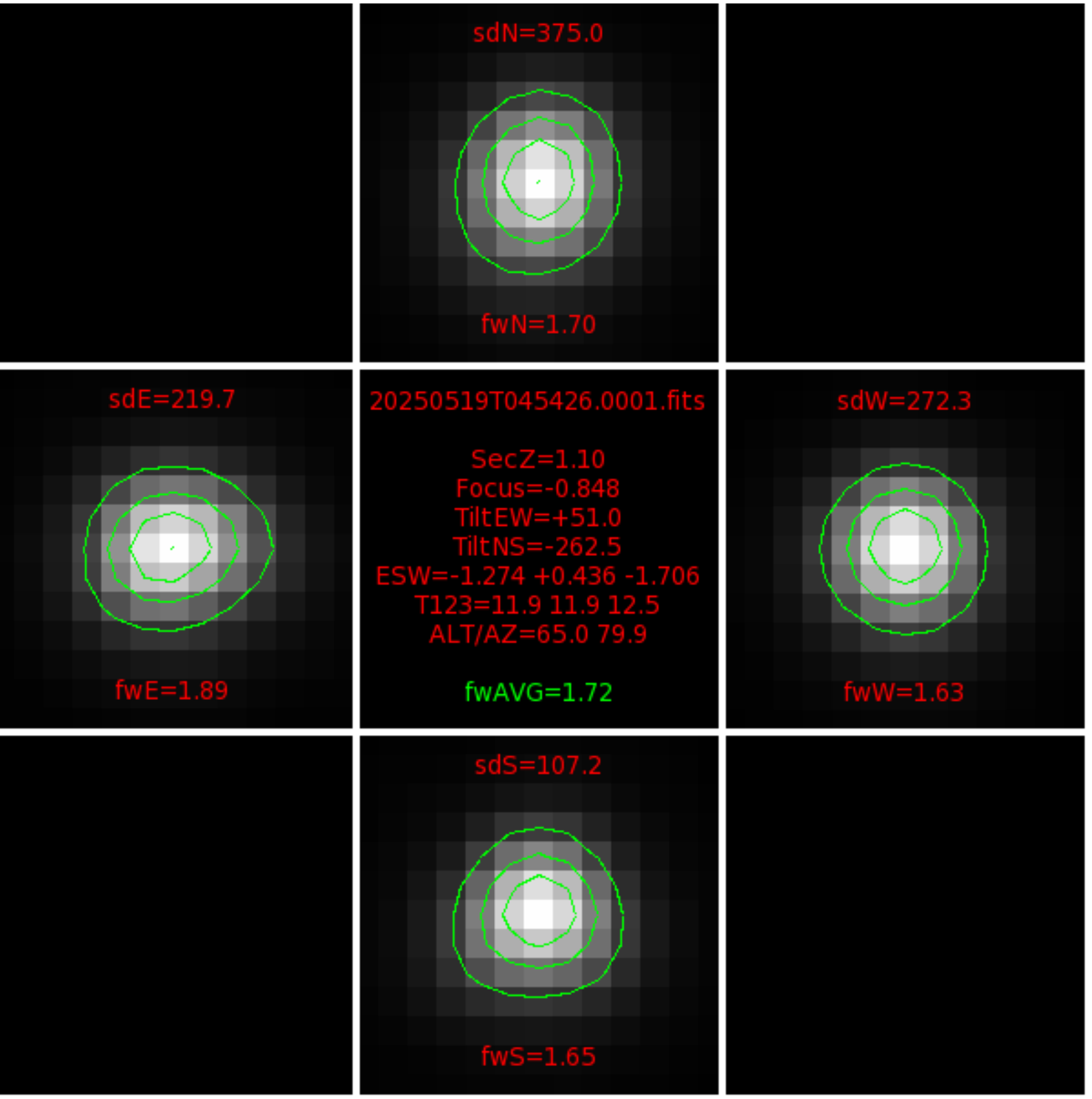

sdN=122.6
fwN=1.79
sdE=274.5
fwE=1.83
20250519T045212.0001.fits
SecZ=1.08
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.9 12.5
ALT/AZ=68.0 86.4
fwAVG=1.71
sdW=151.8
fwW=1.59
sdS=166.3
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=375.0
fwN=1.70
sdE=219.7
fwE=1.89
20250519T045426.0001.fits
SecZ=1.10
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.9 12.5
ALT/AZ=65.0 79.9
fwAVG=1.72
sdW=272.3
fwW=1.63
sdS=107.2
fwS=1.65
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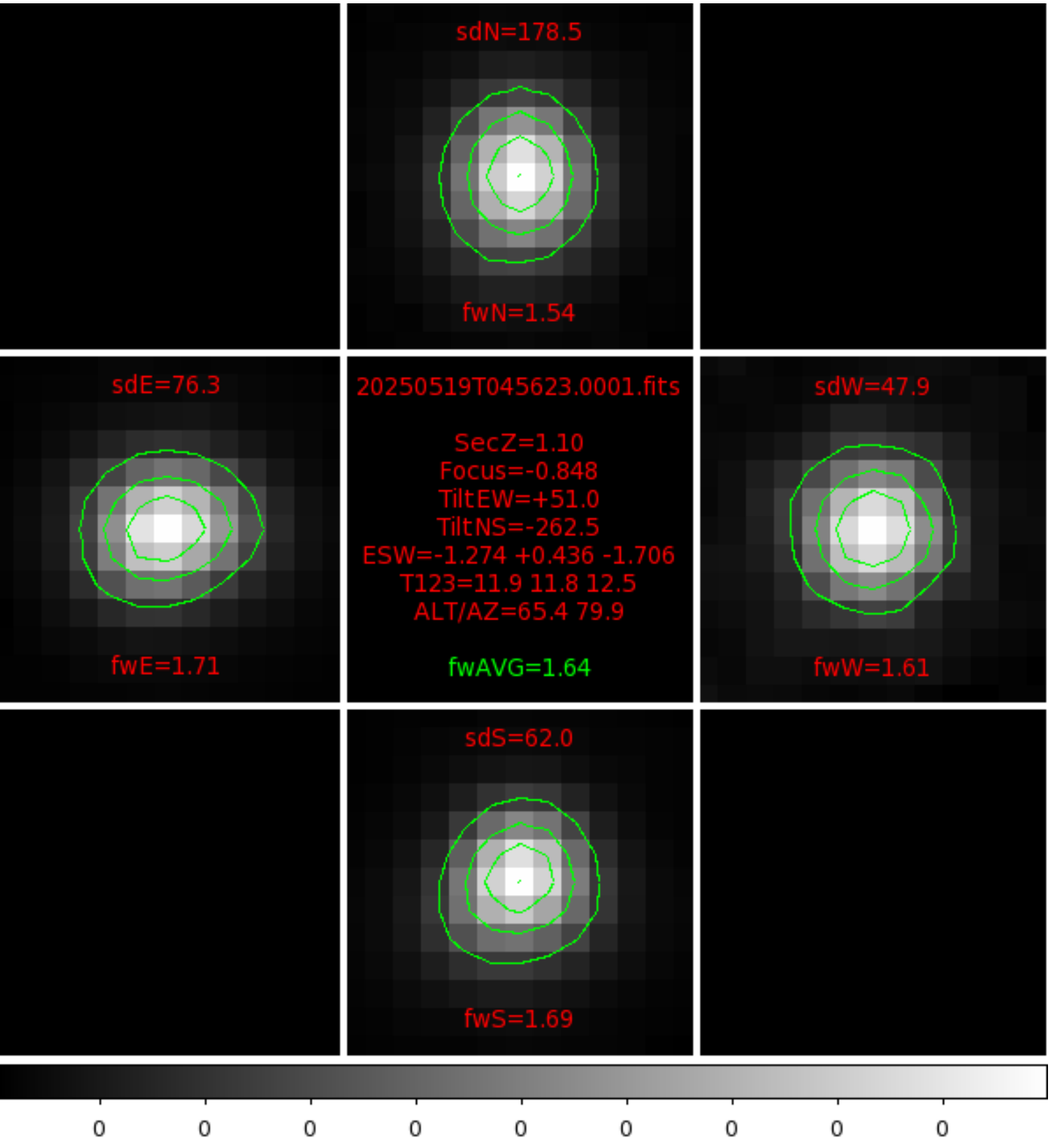
sdN=178.5
fwN=1.54
sdE=76.3
fwE=1.71
20250519T045623.0001.fits
SecZ=1.10
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.8 12.5
ALT/AZ=65.4 79.9
fwAVG=1.64
sdW=47.9
fwW=1.61
sdS=62.0
fwS=1.69
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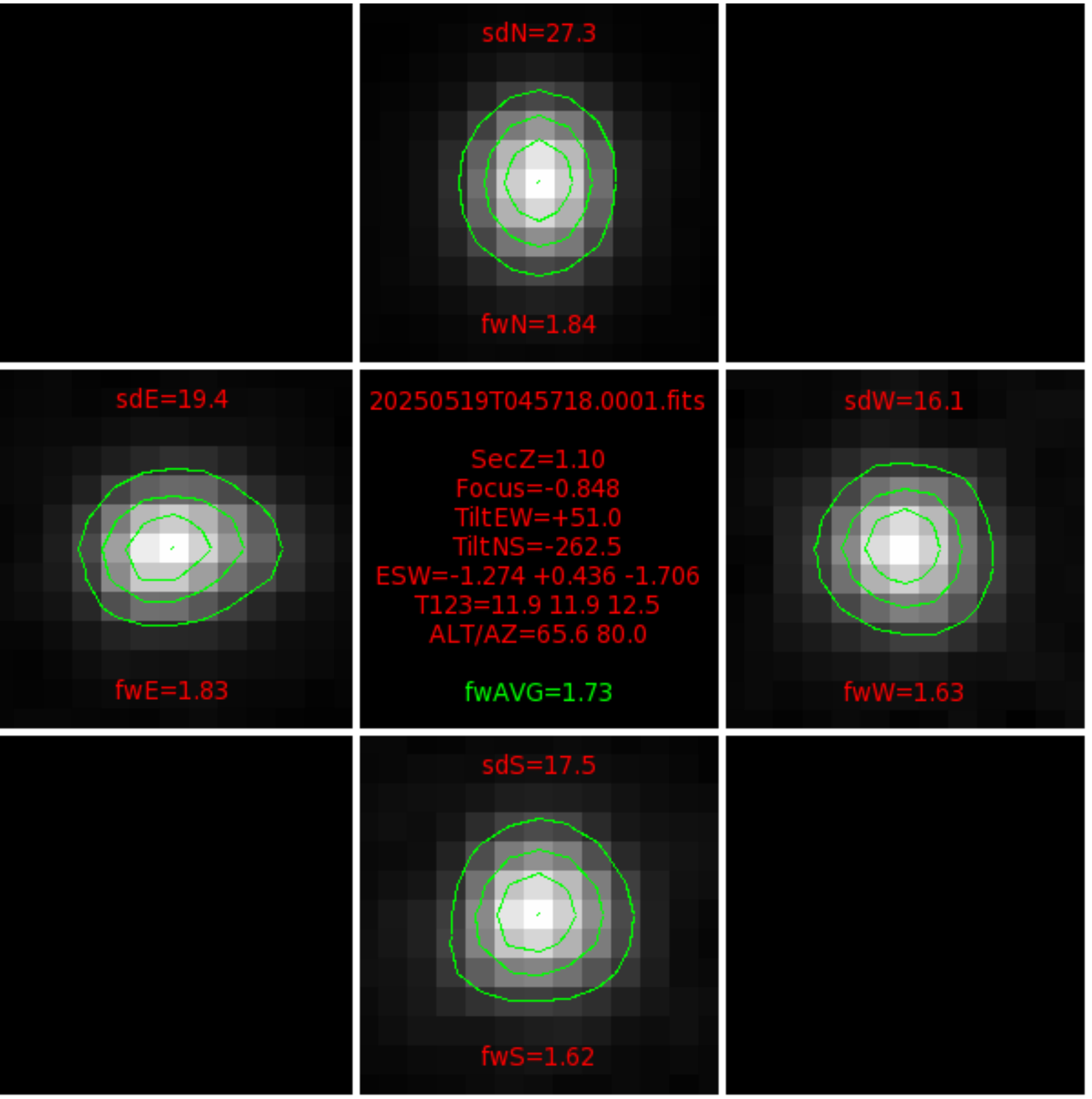
sdN=27.3
fwN=1.84
sdE=19.4
fwE=1.83
20250519T045718.0001.fits
SecZ=1.10
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.9 12.5
ALT/AZ=65.6 80.0
fwAVG=1.73
sdW=16.1
fwW=1.63
sdS=17.5
fwS=1.62
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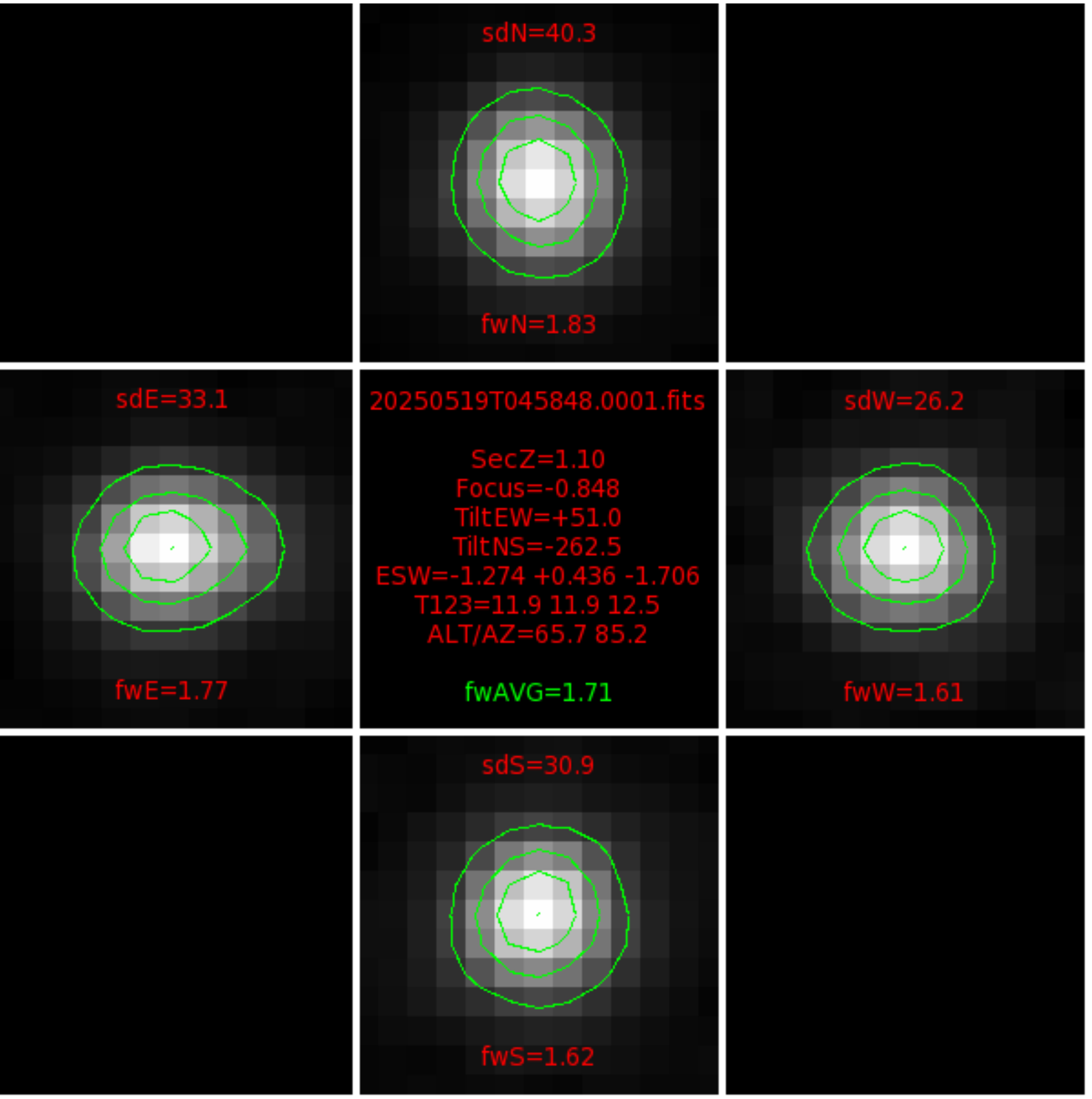
sdN=40.3
fwN=1.83
sdE=33.1
fwE=1.77
20250519T045848.0001.fits
SecZ=1.10
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.9 12.5
ALT/AZ=65.7 85.2
fwAVG=1.71
sdW=26.2
fwW=1.61
sdS=30.9
fwS=1.62
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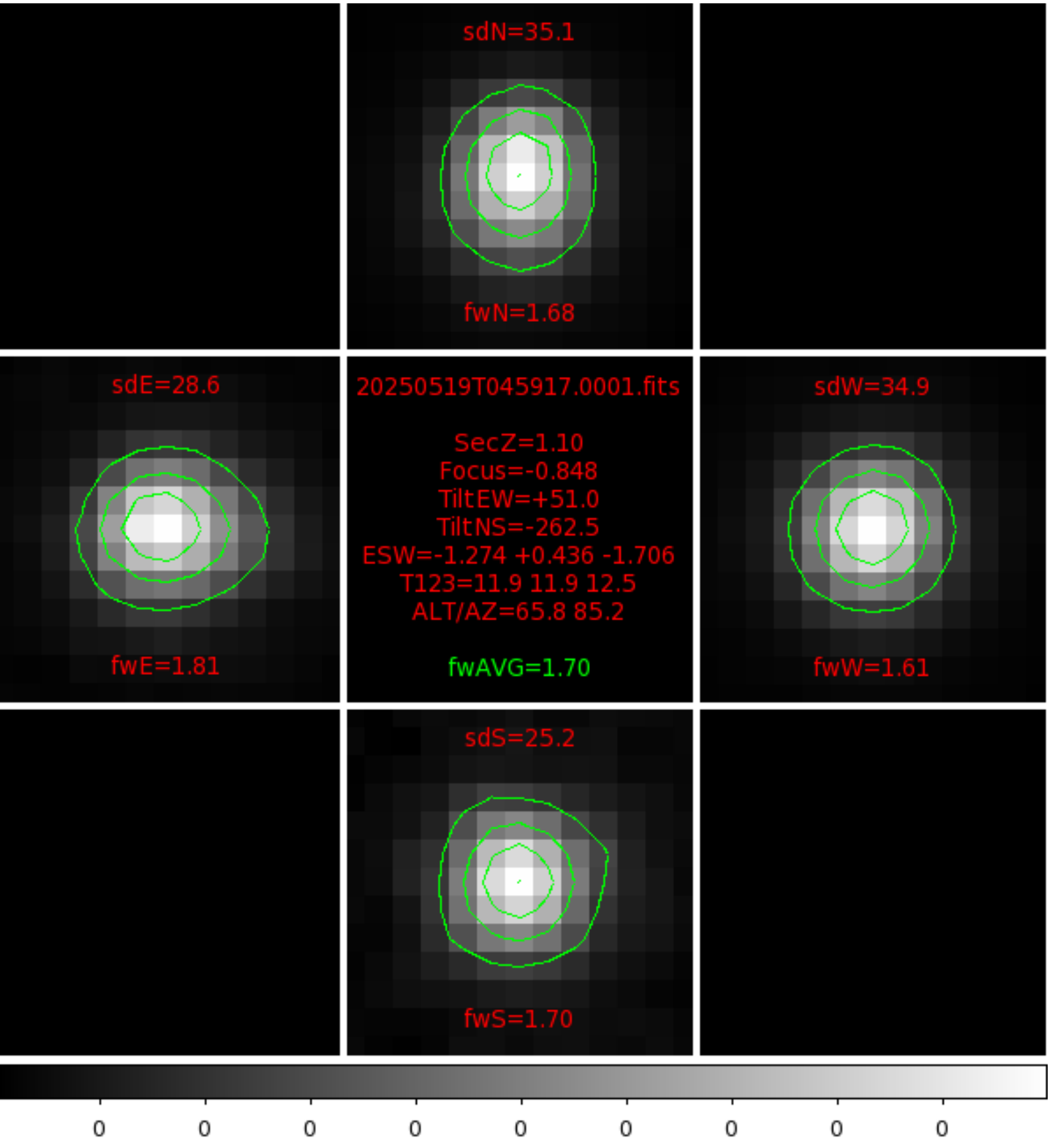
sdN=35.1
fwN=1.68
sdE=28.6
fwE=1.81
20250519T045917.0001.fits
SecZ=1.10
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.9 12.5
ALT/AZ=65.8 85.2
fwAVG=1.70
sdW=34.9
fwW=1.61
sdS=25.2
fwS=1.70
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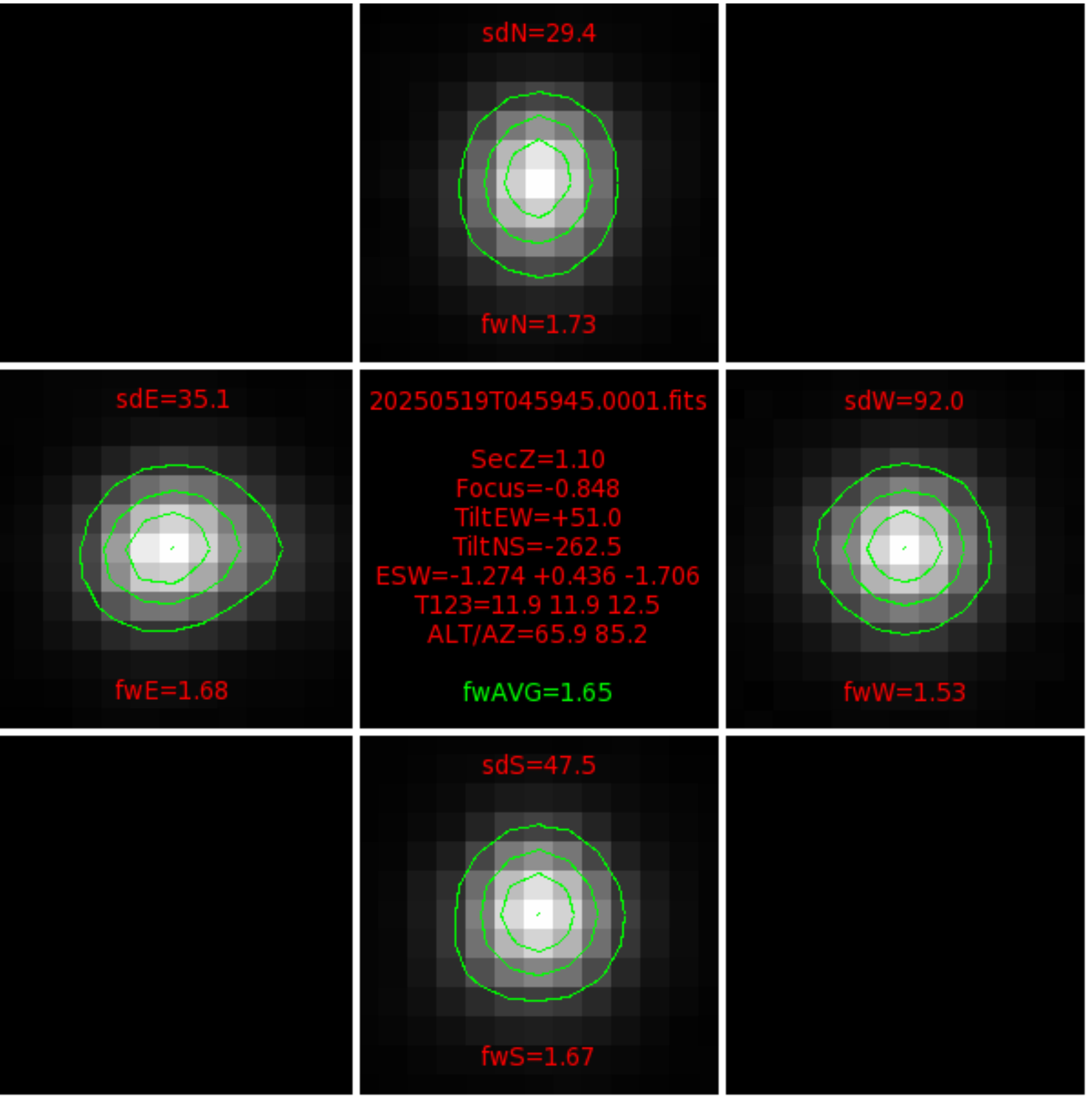
sdN=29.4
fwN=1.73
sdE=35.1
fwE=1.68
20250519T045945.0001.fits
SecZ=1.10
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.9 12.5
ALT/AZ=65.9 85.2
fwAVG=1.65
sdW=92.0
fwW=1.53
sdS=47.5
fwS=1.67
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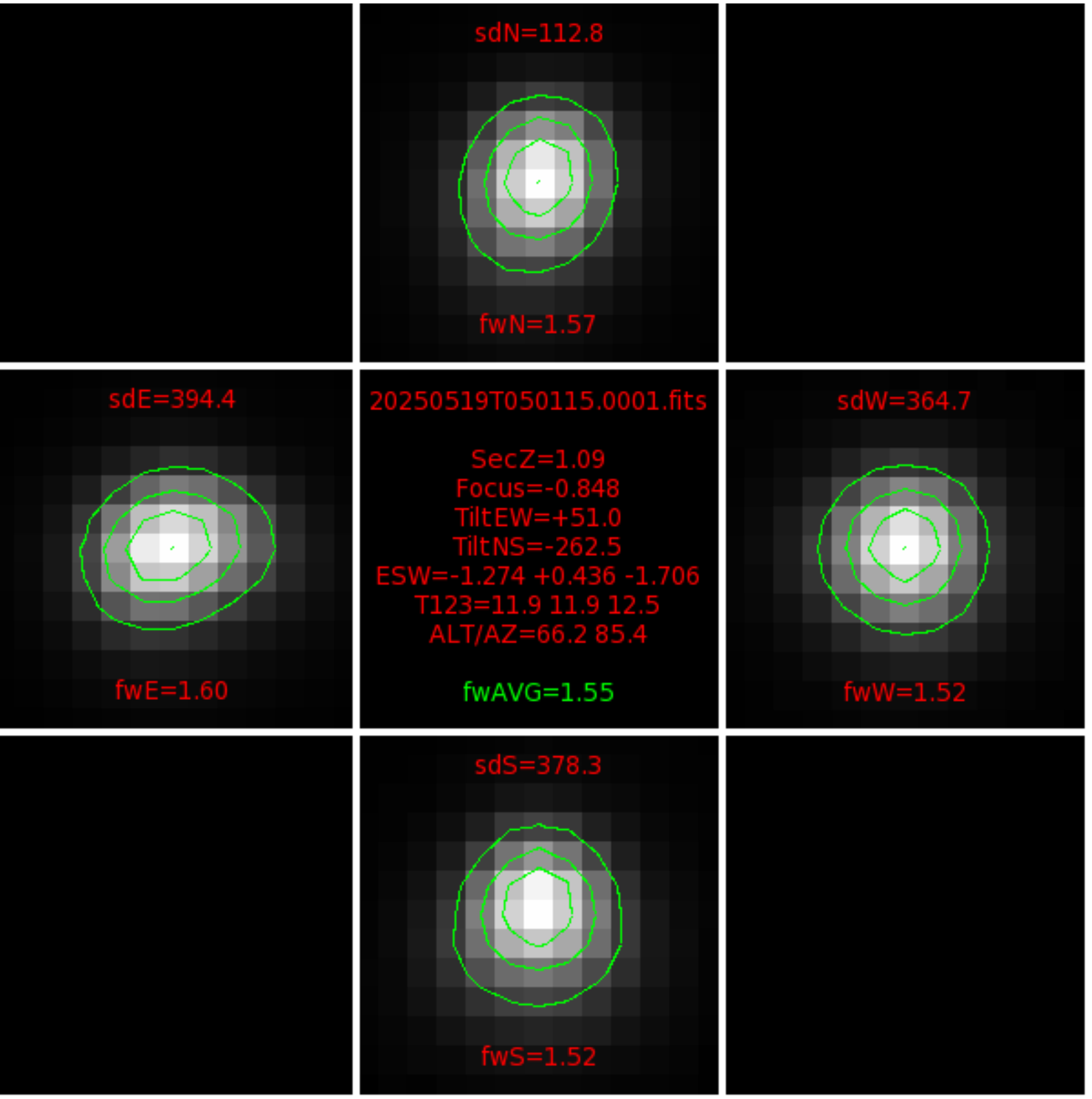
sdN=112.8
fwN=1.57
sdE=394.4
fwE=1.60
20250519T050115.0001.fits
SecZ=1.09
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.9 12.5
ALT/AZ=66.2 85.4
fwAVG=1.55
sdW=364.7
fwW=1.52
sdS=378.3
fwS=1.52
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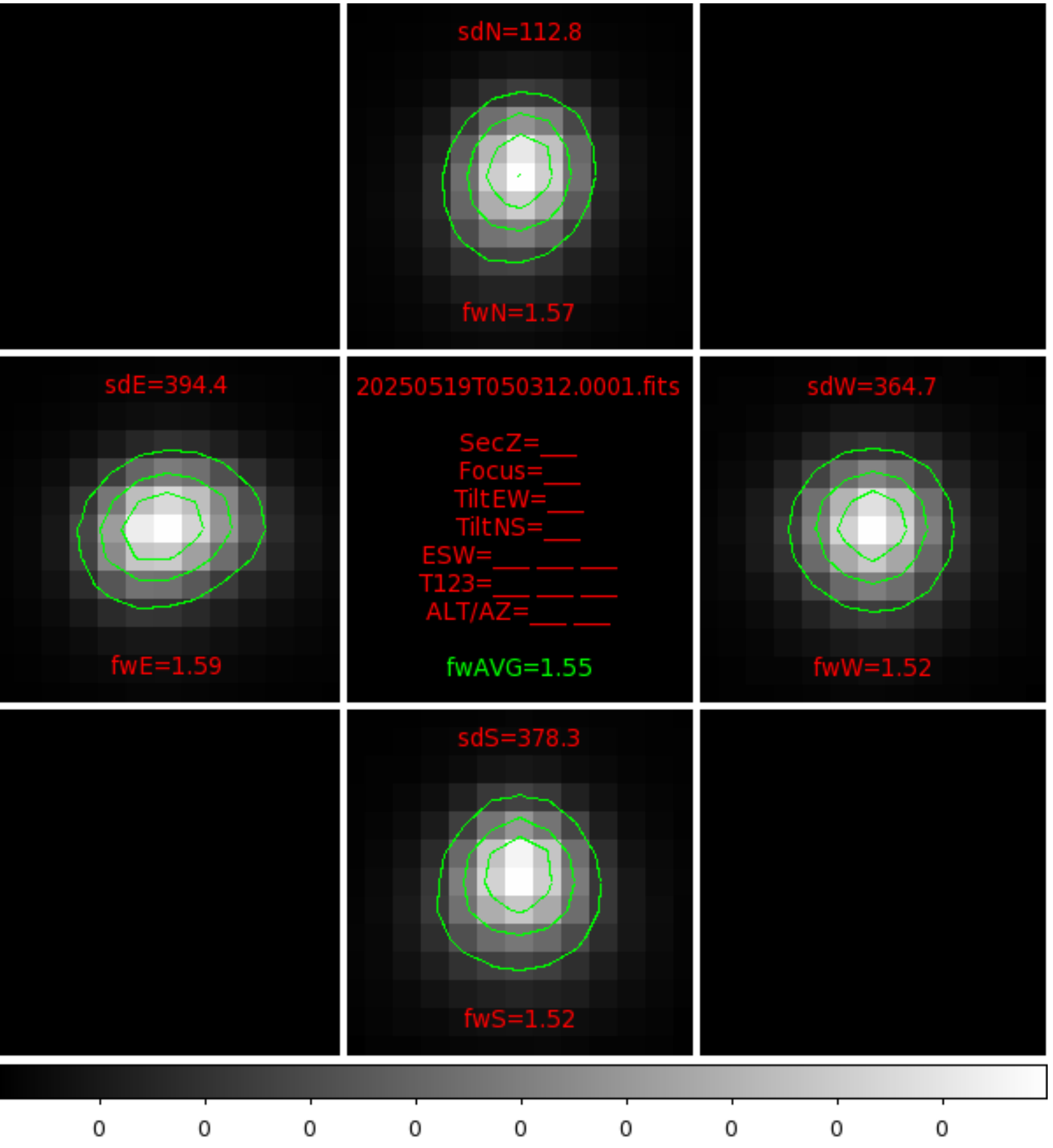
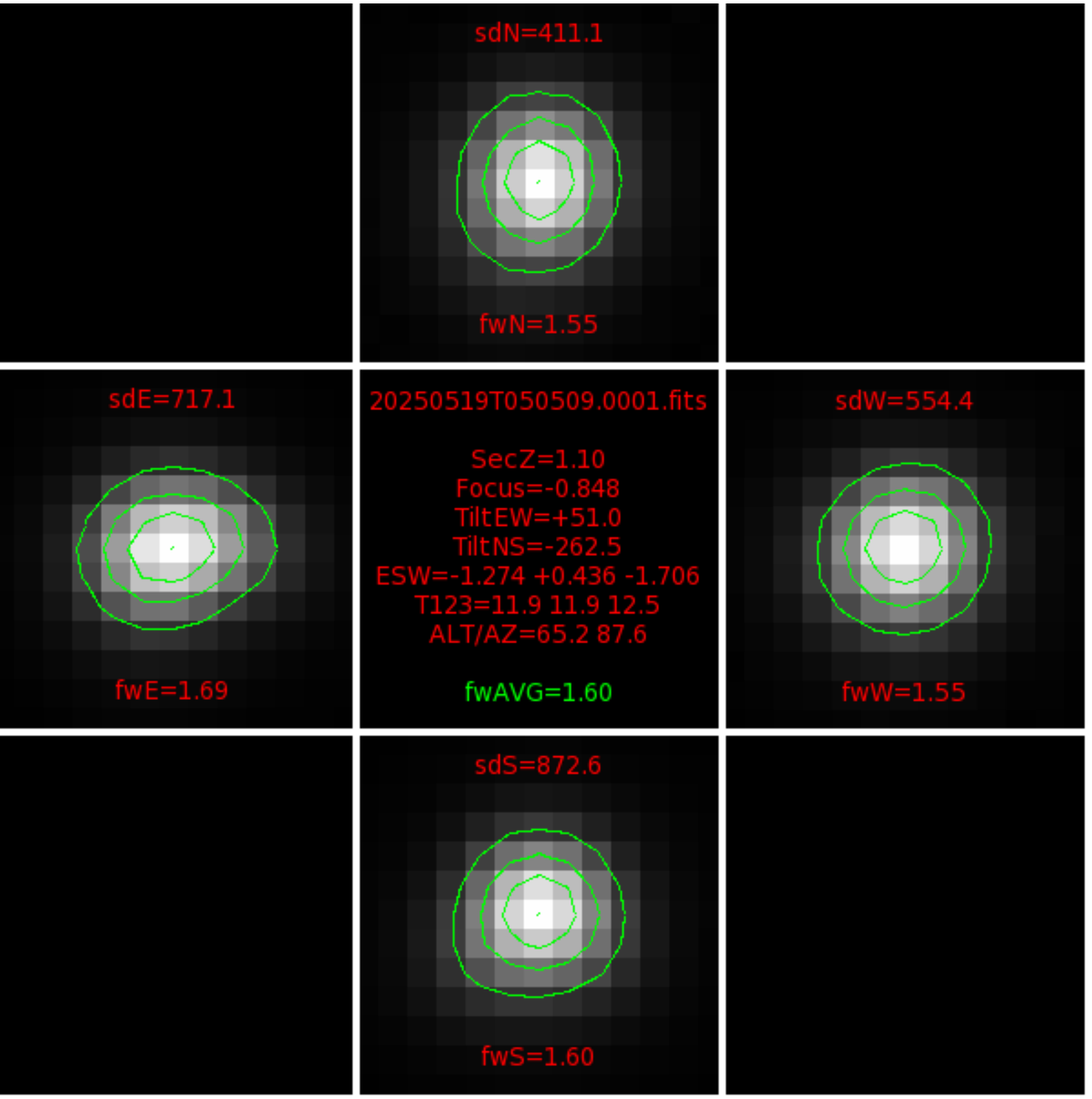
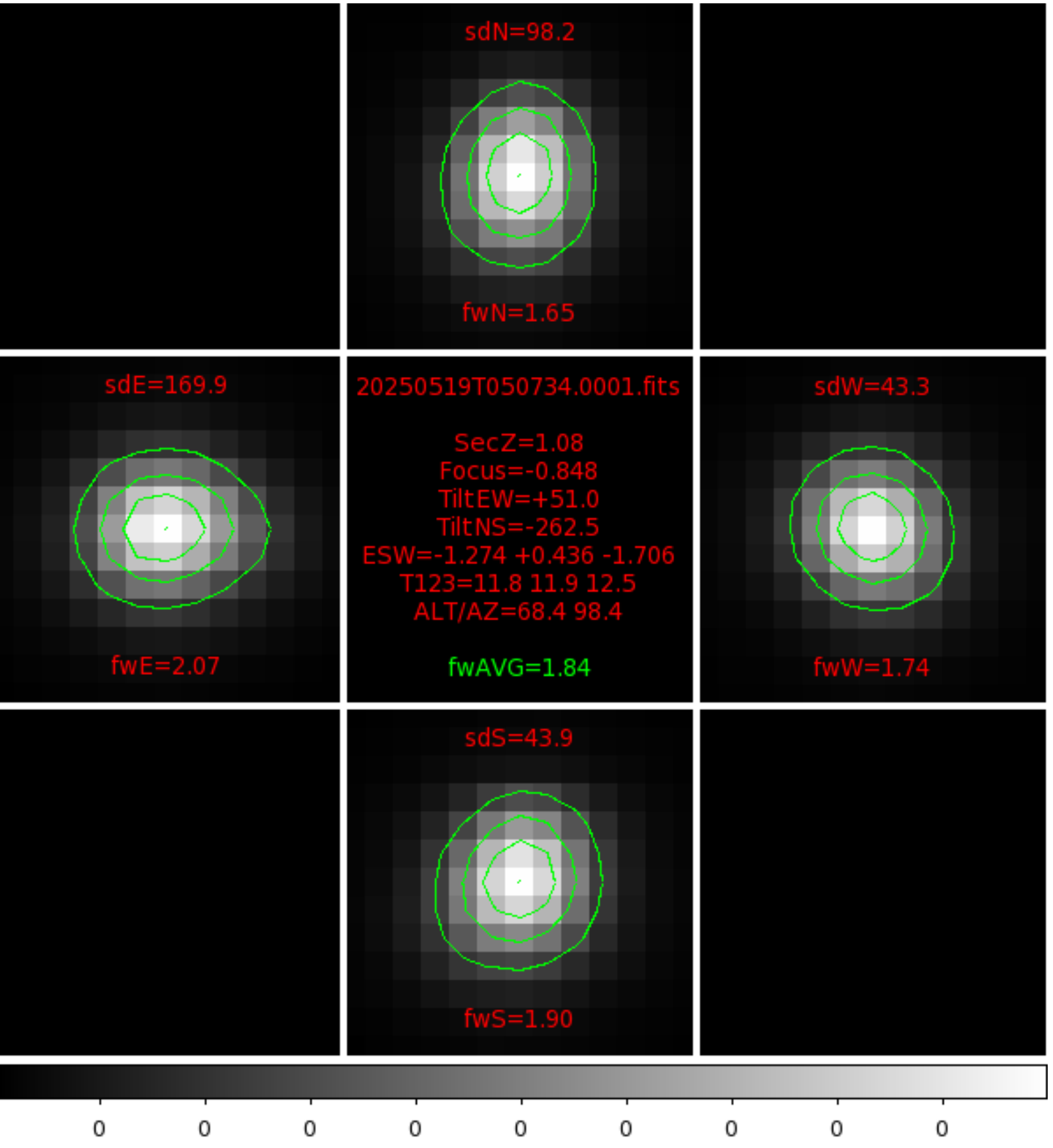

sdN=112.8
fwN=1.57
sdE=394.4
fwE=1.59
20250519T050312.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=1.55
sdW=364.7
fwW=1.52
sdS=378.3
fwS=1.52
0 0 0 0 0 0 0 0 0


sdN=411.1
fwN=1.55
sdE=717.1
fwE=1.69
20250519T050509.0001.fits
SecZ=1.10
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.9 11.9 12.5
ALT/AZ=65.2 87.6
fwAVG=1.60
sdW=554.4
fwW=1.55
sdS=872.6
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=98.2
fwN=1.65
sdE=169.9
fwE=2.07
20250519T050734.0001.fits
SecZ=1.08
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.9 12.5
ALT/AZ=68.4 98.4
fwAVG=1.84
sdW=43.3
fwW=1.74
sdS=43.9
fwS=1.90
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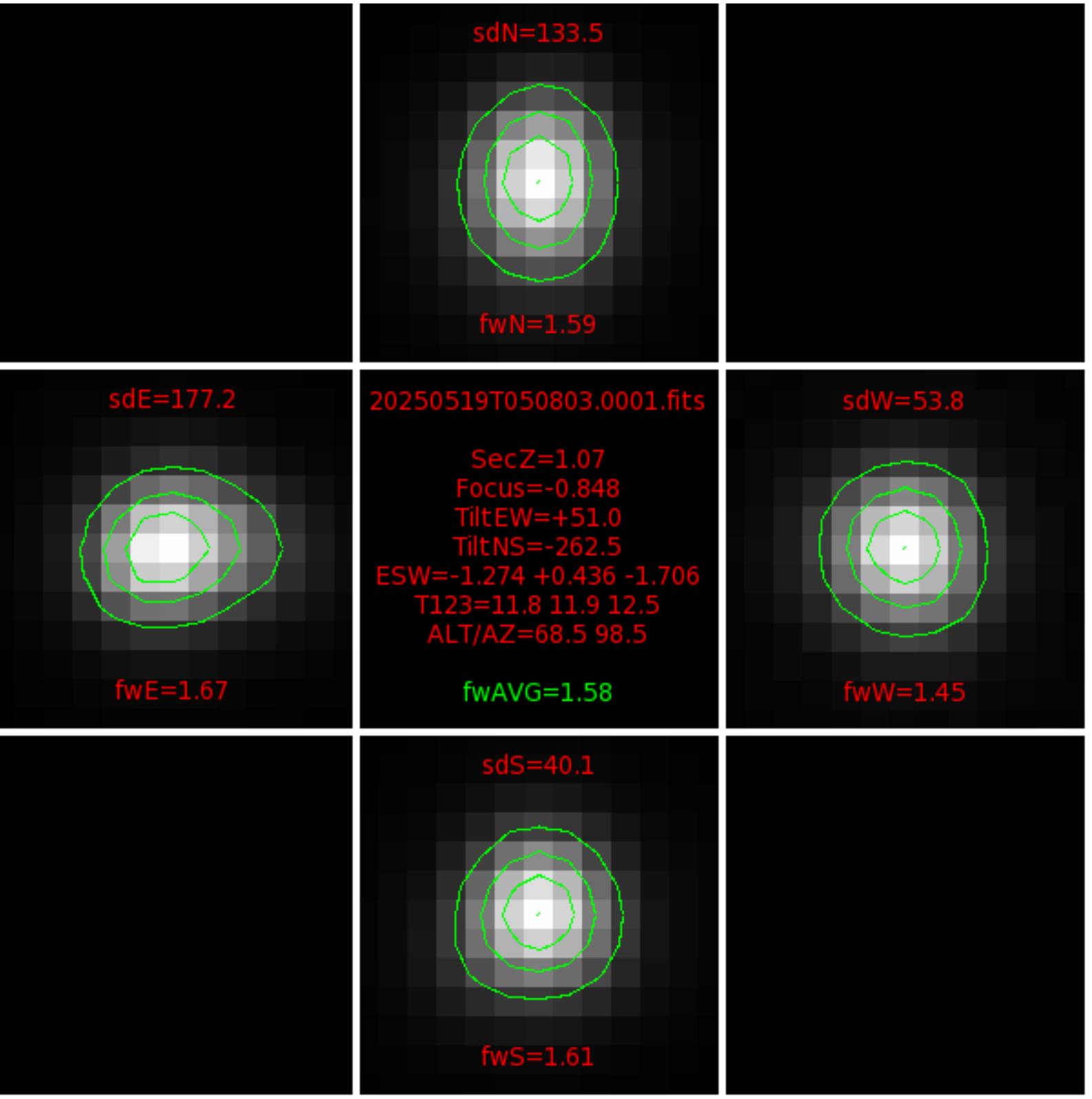
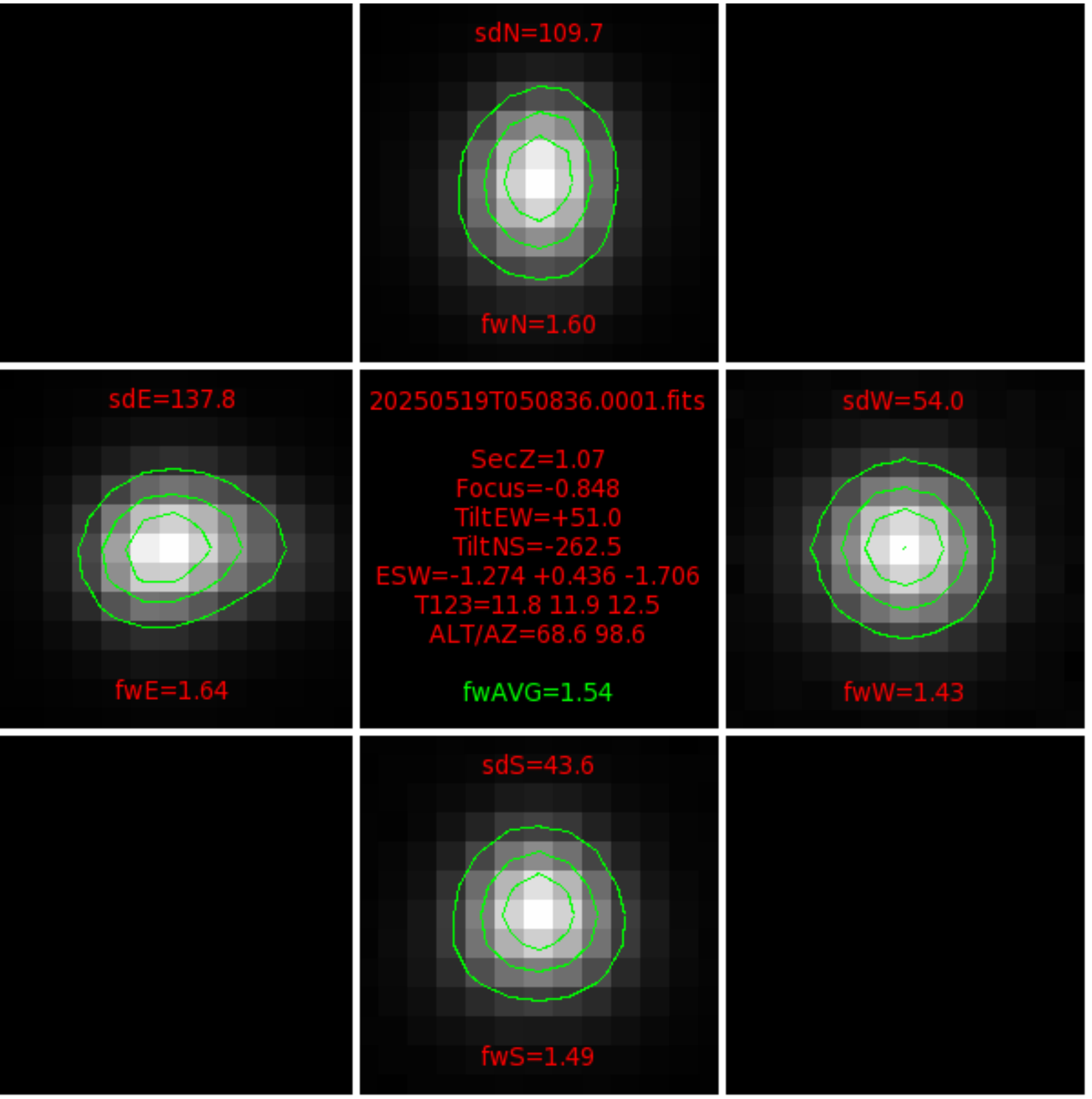
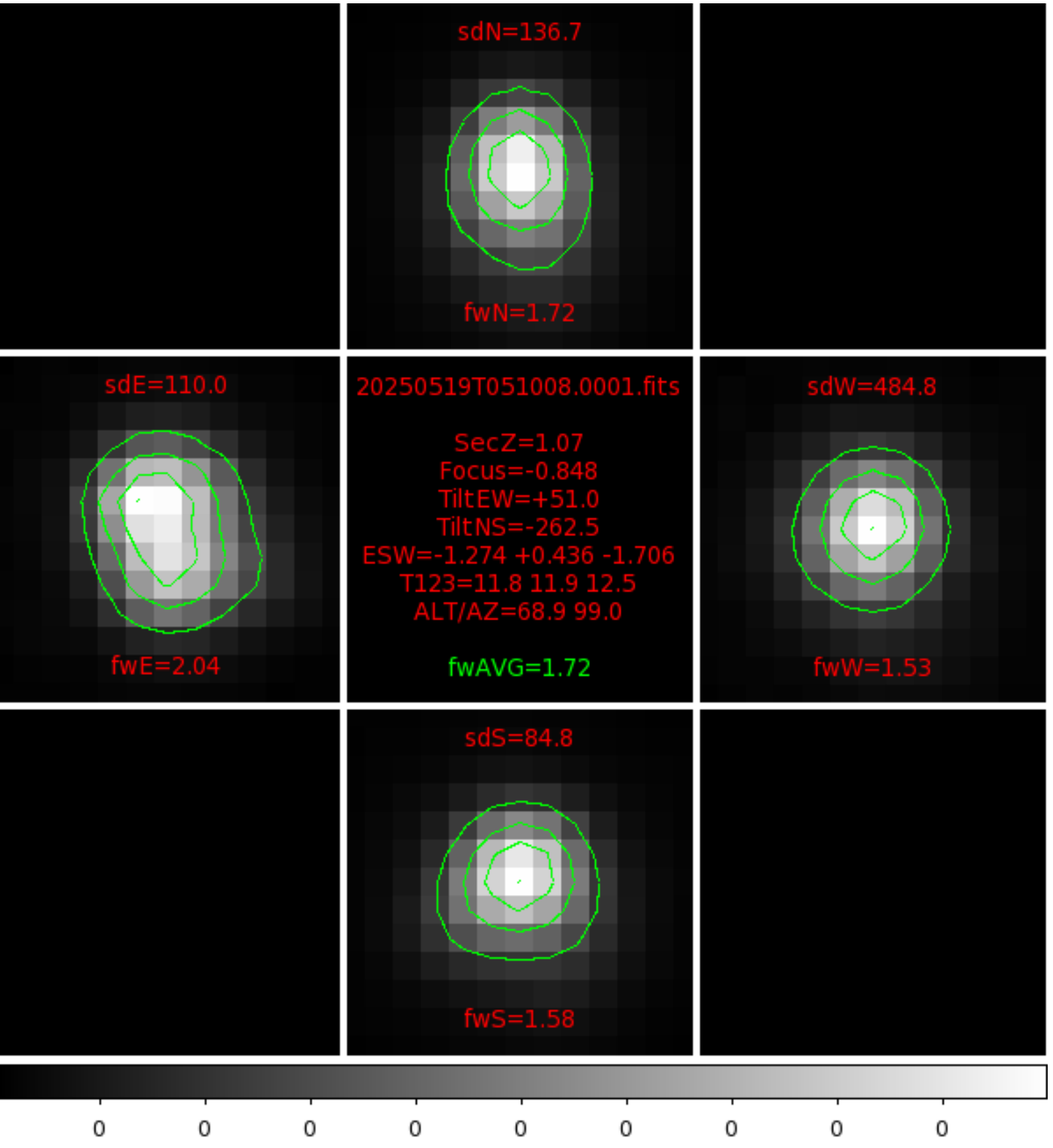

sdN=133.5
fwN=1.59
sdE=177.2
fwE=1.67
20250519T050803.0001.fits
SecZ=1.07
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.9 12.5
ALT/AZ=68.5 98.5
fwAVG=1.58
sdW=53.8
fwW=1.45
sdS=40.1
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=109.7
fwN=1.60
sdE=137.8
fwE=1.64
20250519T050836.0001.fits
SecZ=1.07
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.9 12.5
ALT/AZ=68.6 98.6
fwAVG=1.54
sdW=54.0
fwW=1.43
sdS=43.6
fwS=1.49
0 0 0 0 0 0 0 0 0


sdN=136.7
fwN=1.72
sdE=110.0
fwE=2.04
20250519T051008.0001.fits
SecZ=1.07
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.9 12.5
ALT/AZ=68.9 99.0
fwAVG=1.72
sdW=484.8
fwW=1.53
sdS=84.8
fwS=1.58
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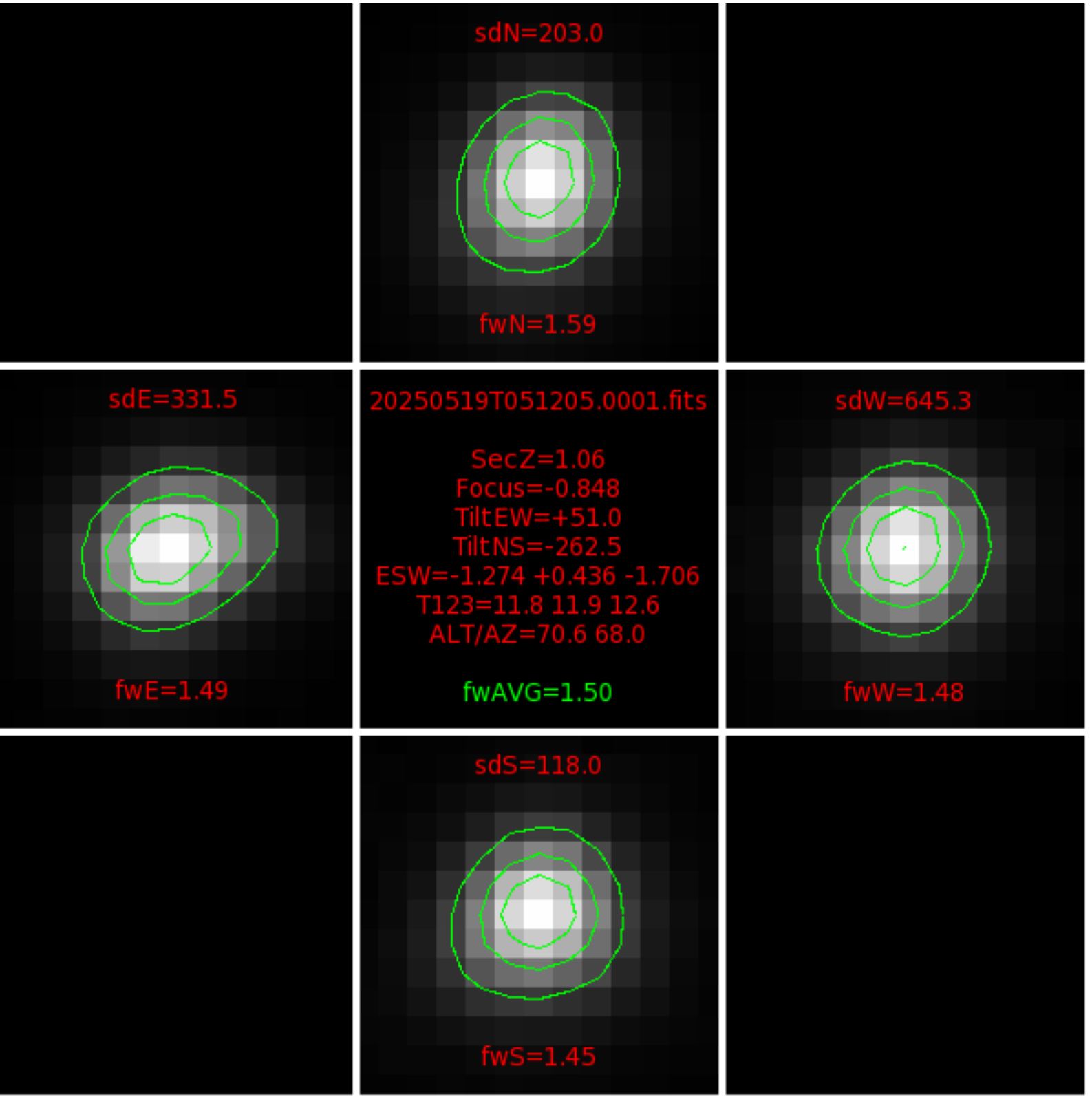
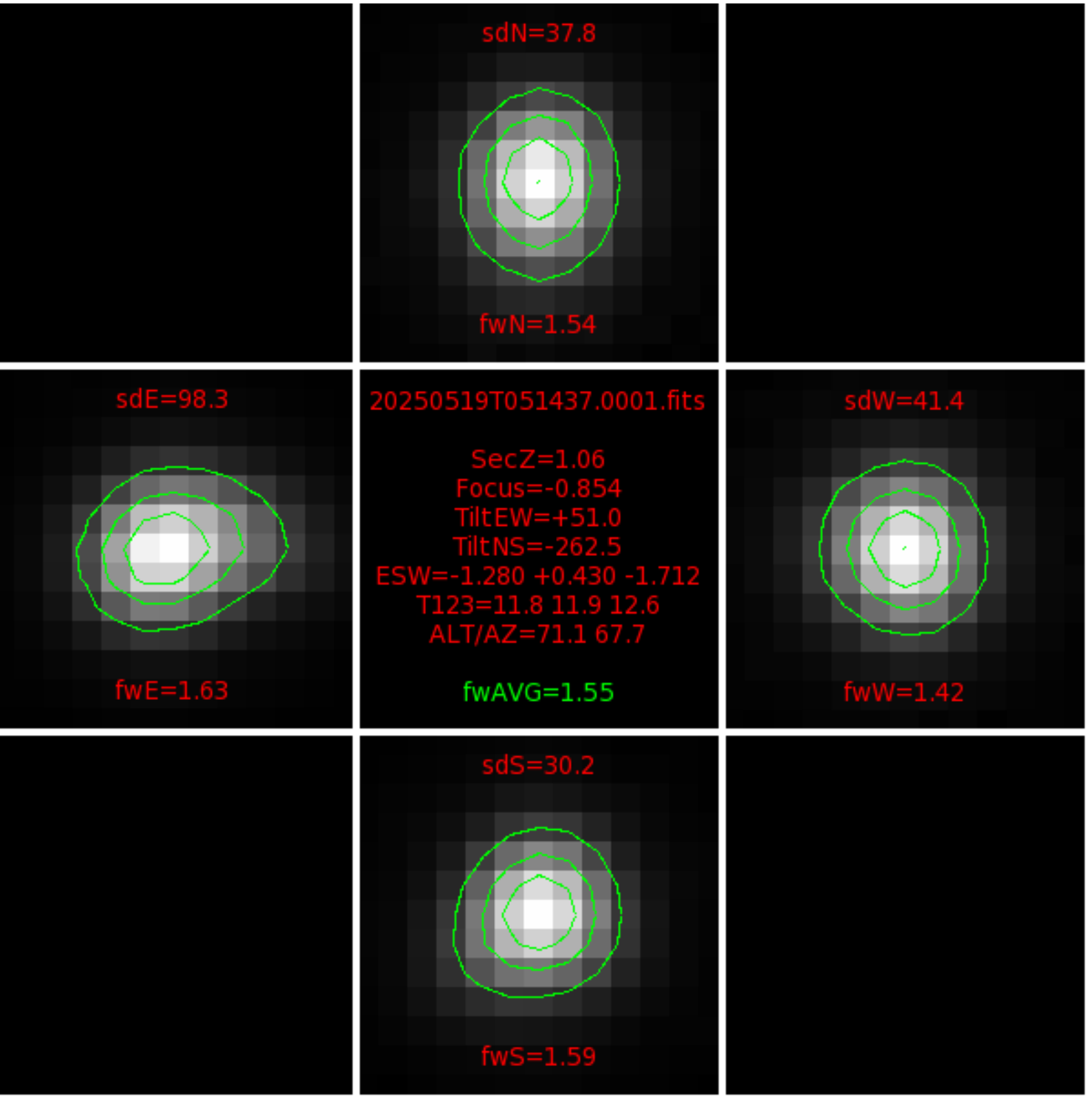

sdN=203.0
fwN=1.59
sdE=331.5
fwE=1.49
20250519T051205.0001.fits
SecZ=1.06
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.9 12.6
ALT/AZ=70.6 68.0
fwAVG=1.50
sdW=645.3
fwW=1.48
sdS=118.0
fwS=1.45
0 0 0 0 0 0 0 0 0


sdN=37.8
fwN=1.54
sdE=98.3
fwE=1.63
20250519T051437.0001.fits
SecZ=1.06
Focus=-0.854
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.280 +0.430 -1.712
T123=11.8 11.9 12.6
ALT/AZ=71.1 67.7
fwAVG=1.55
sdW=41.4
fwW=1.42
sdS=30.2
fwS=1.59
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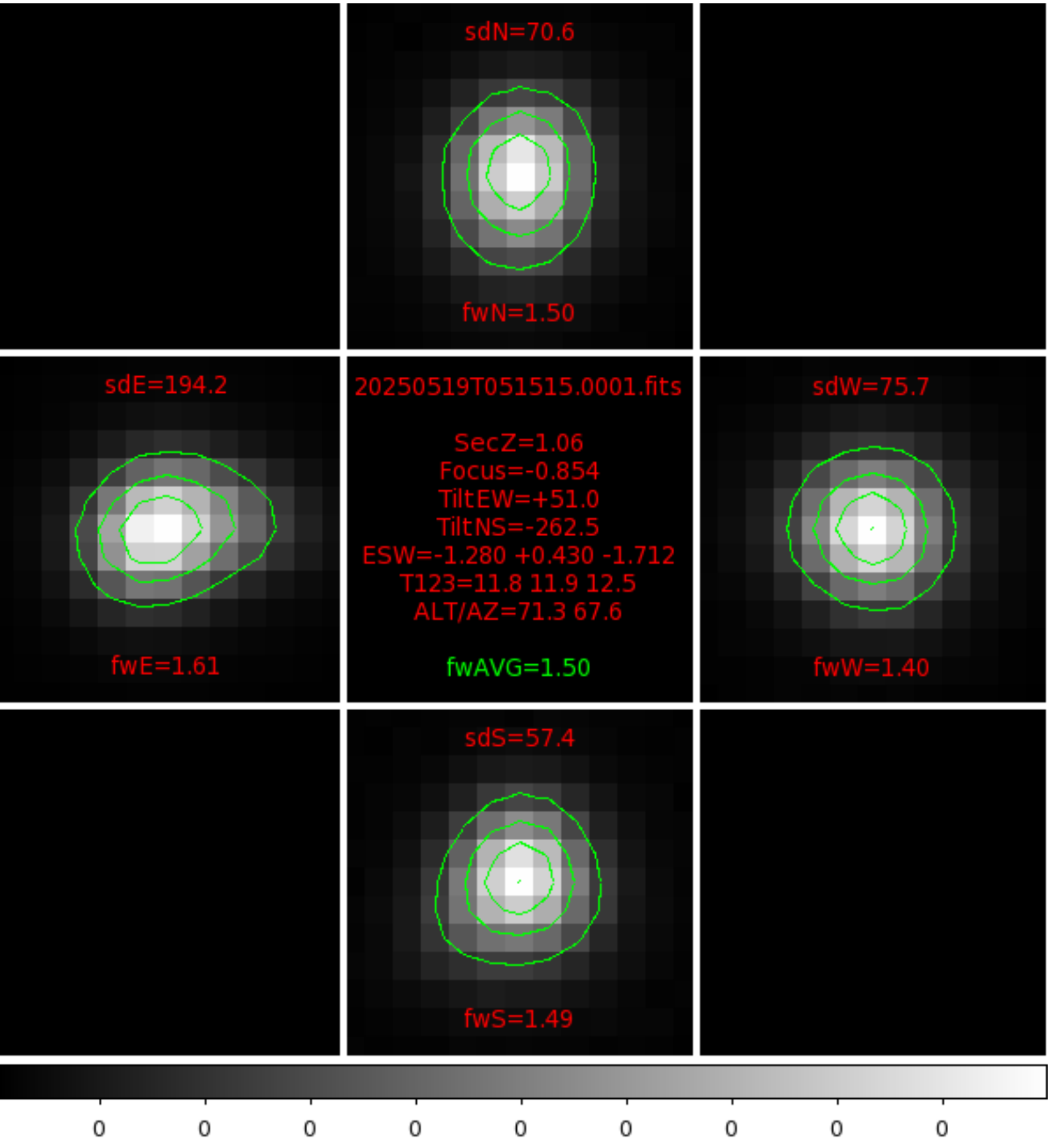
sdN=70.6
fwN=1.50
sdE=194.2
fwE=1.61
20250519T051515.0001.fits
SecZ=1.06
Focus=-0.854
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.280 +0.430 -1.712
T123=11.8 11.9 12.5
ALT/AZ=71.3 67.6
fwAVG=1.50
sdW=75.7
fwW=1.40
sdS=57.4
fwS=1.49
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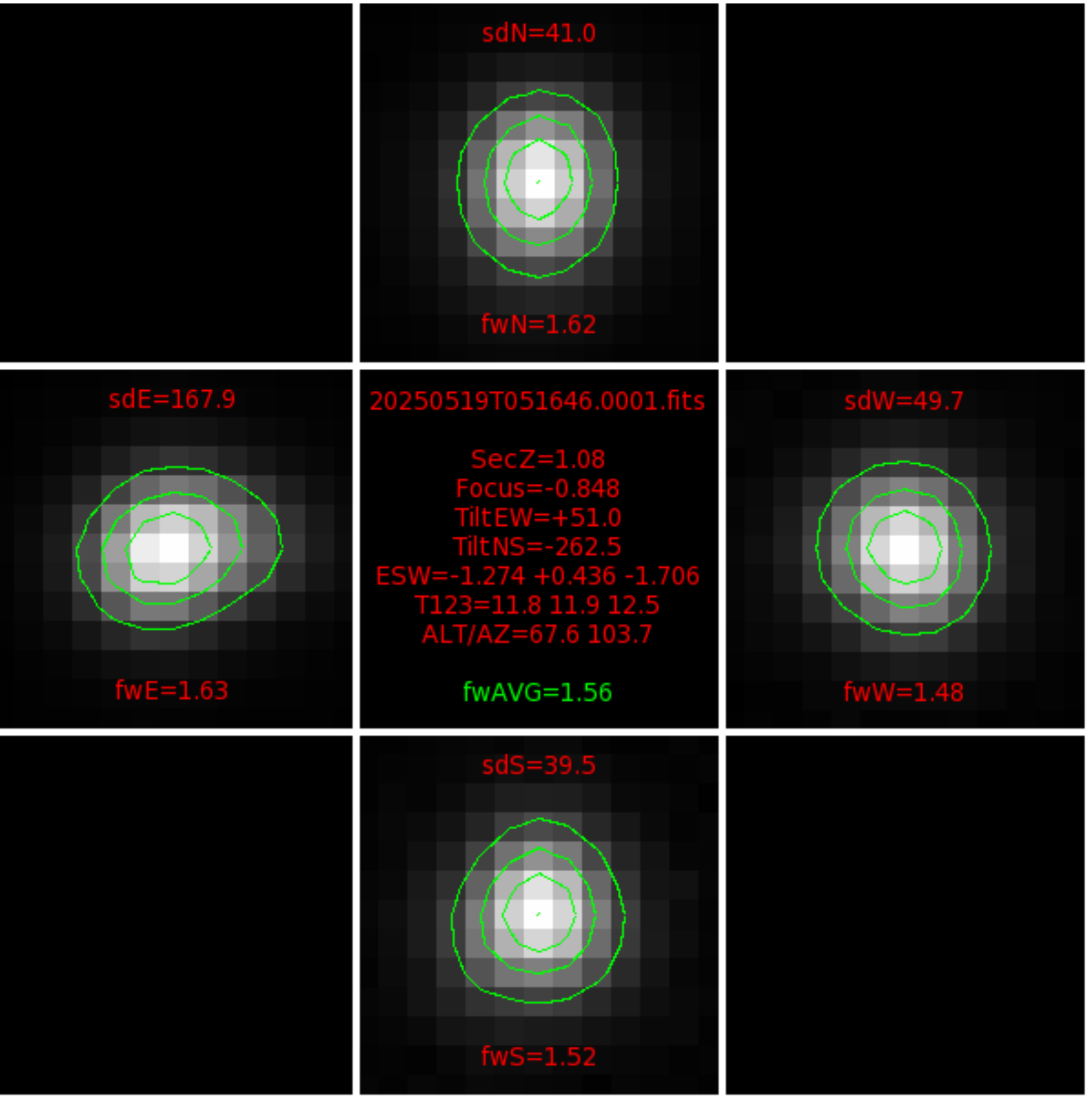
sdN=41.0
fwN=1.62
sdE=167.9
fwE=1.63
20250519T051646.0001.fits
SecZ=1.08
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.9 12.5
ALT/AZ=67.6 103.7
fwAVG=1.56
sdW=49.7
fwW=1.48
sdS=39.5
fwS=1.52
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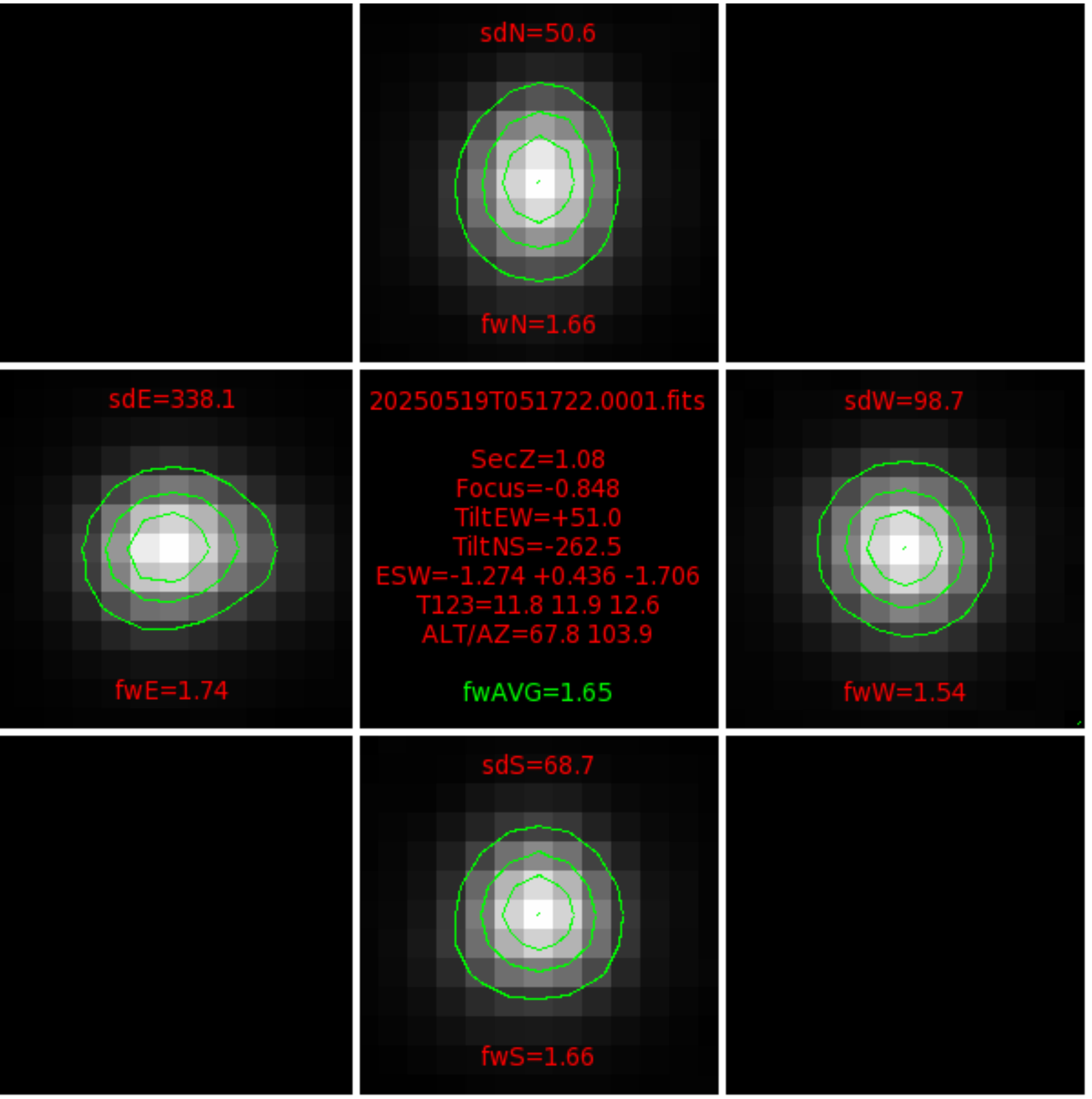
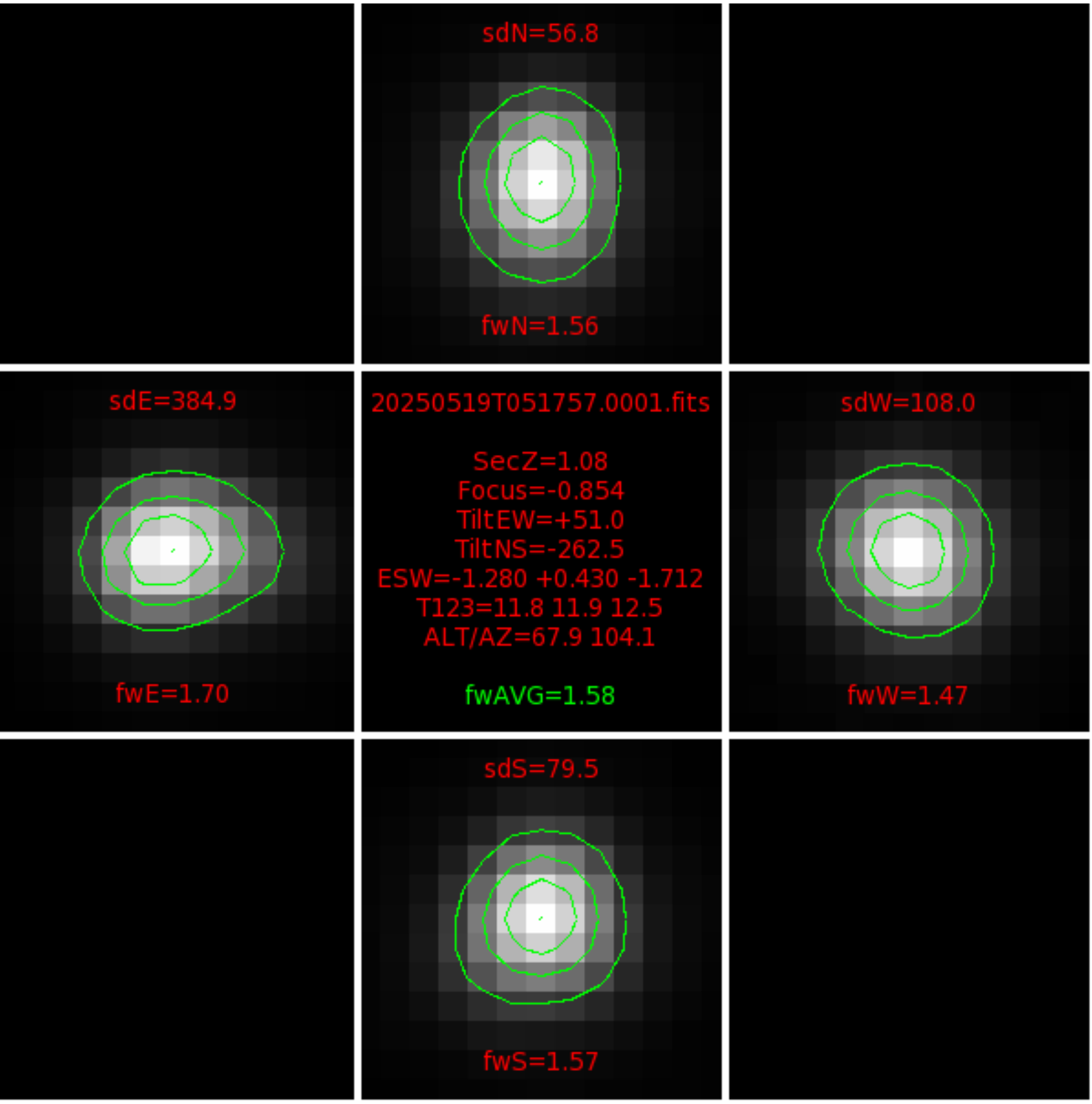

sdN=50.6
fwN=1.66
sdE=338.1
fwE=1.74
20250519T051722.0001.fits
SecZ=1.08
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.9 12.6
ALT/AZ=67.8 103.9
fwAVG=1.65
sdW=98.7
fwW=1.54
sdS=68.7
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=56.8
fwN=1.56
sdE=384.9
fwE=1.70
20250519T051757.0001.fits
SecZ=1.08
Focus=-0.854
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.280 +0.430 -1.712
T123=11.8 11.9 12.5
ALT/AZ=67.9 104.1
fwAVG=1.58
sdW=108.0
fwW=1.47
sdS=79.5
fwS=1.57
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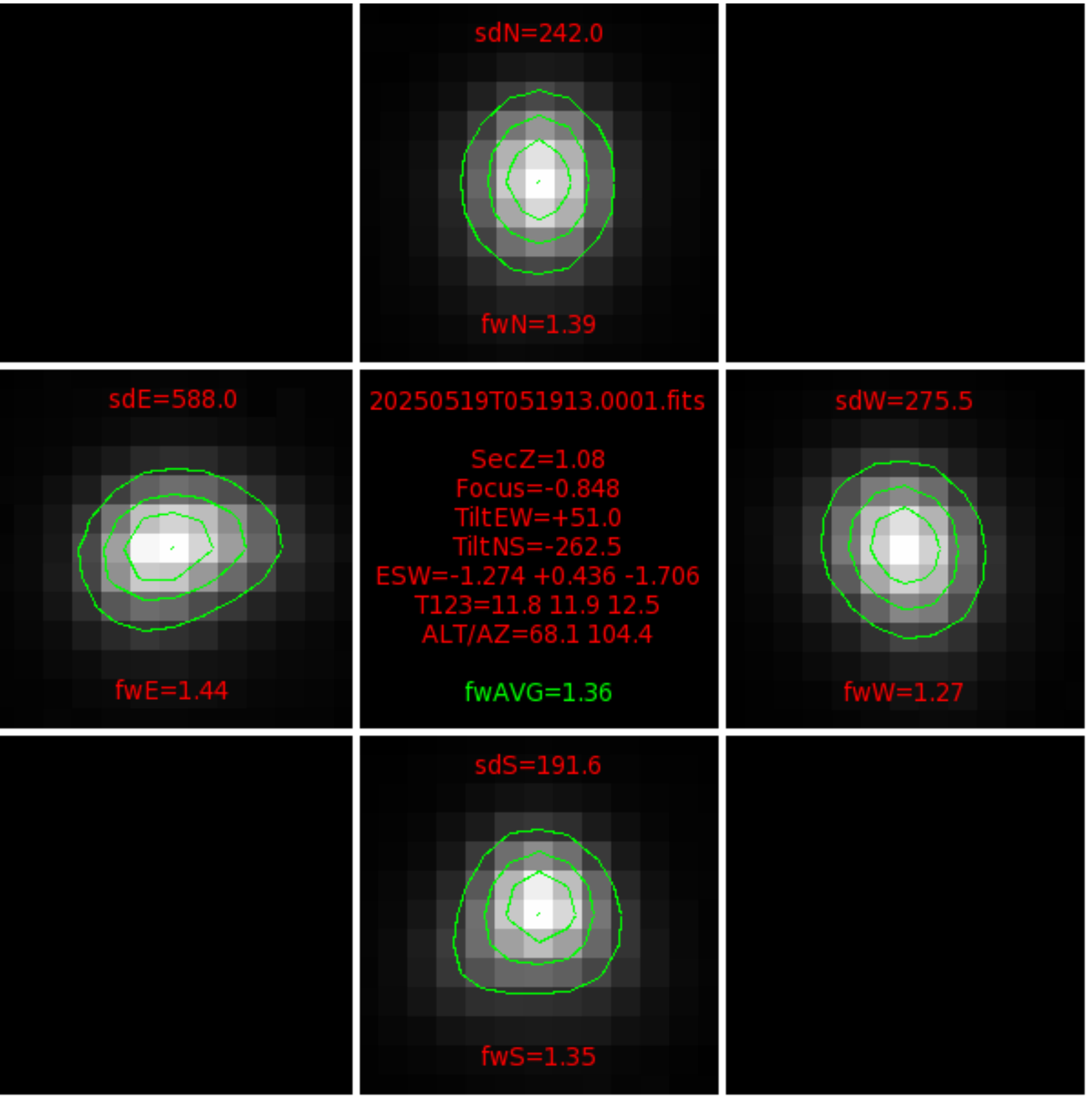
sdN=242.0
fwN=1.39
sdE=588.0
fwE=1.44
20250519T051913.0001.fits
SecZ=1.08
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.8 11.9 12.5
ALT/AZ=68.1 104.4
fwAVG=1.36
sdW=275.5
fwW=1.27
sdS=191.6
fwS=1.35
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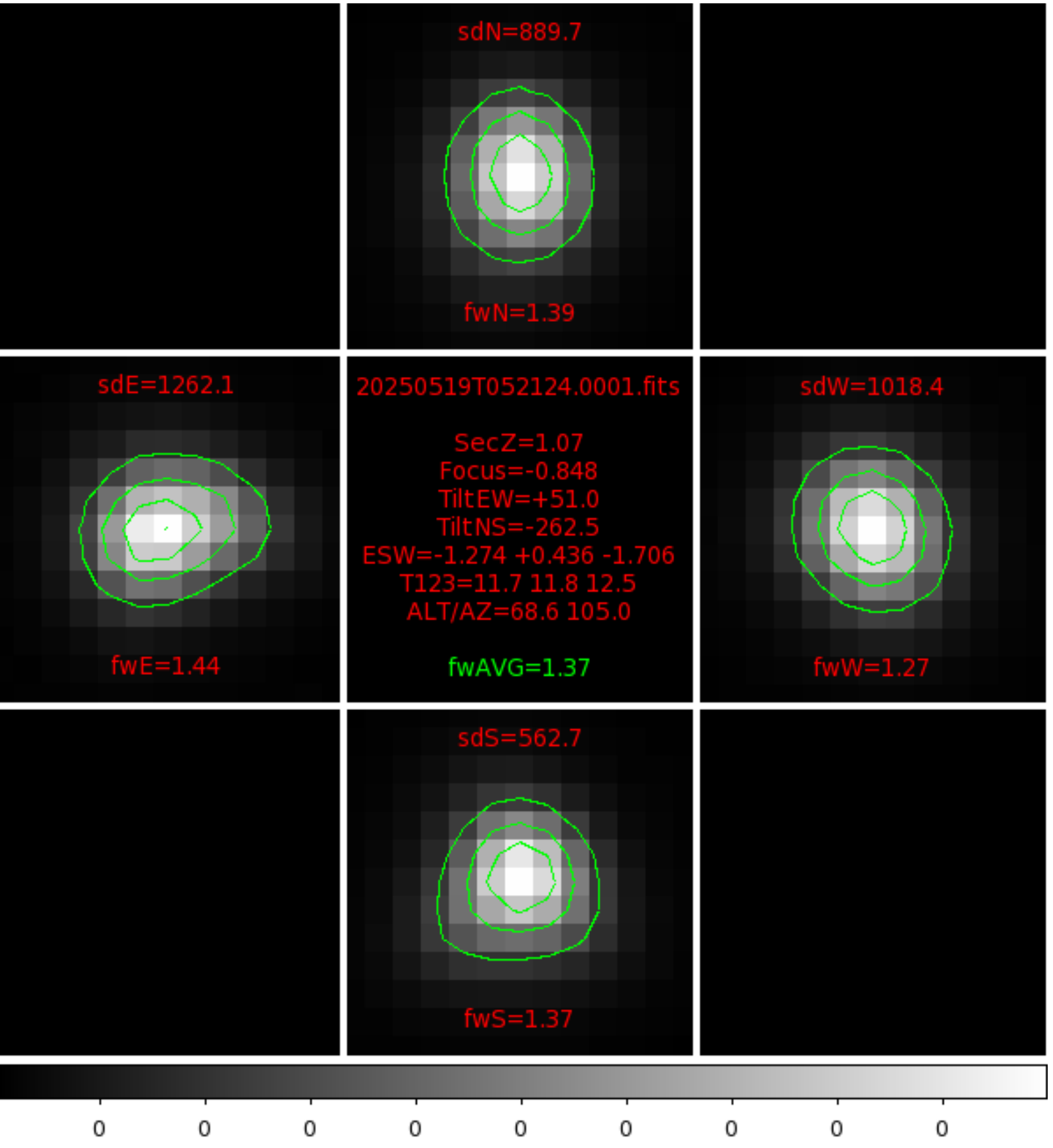
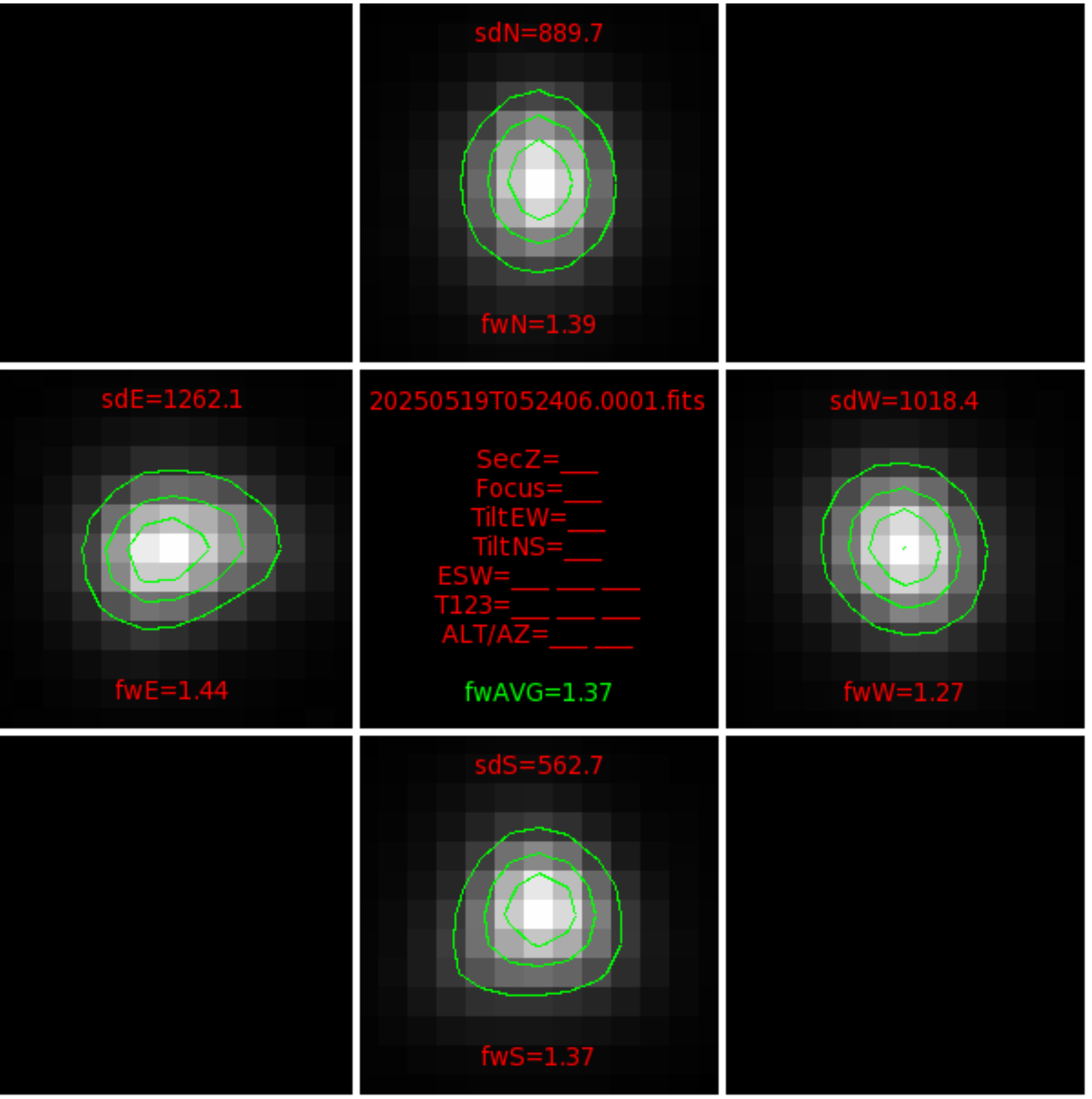

sdN=889.7
fwN=1.39
sdE=1262.1
fwE=1.44
20250519T052124.0001.fits
SecZ=1.07
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.7 11.8 12.5
ALT/AZ=68.6 105.0
fwAVG=1.37
sdW=1018.4
fwW=1.27
sdS=562.7
fwS=1.37
0 0 0 0 0 0 0 0 0


sdN=889.7
fwN=1.39
sdE=1262.1
fwE=1.44
20250519T052406.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=1.37
sdW=1018.4
fwW=1.27
sdS=562.7
fwS=1.37
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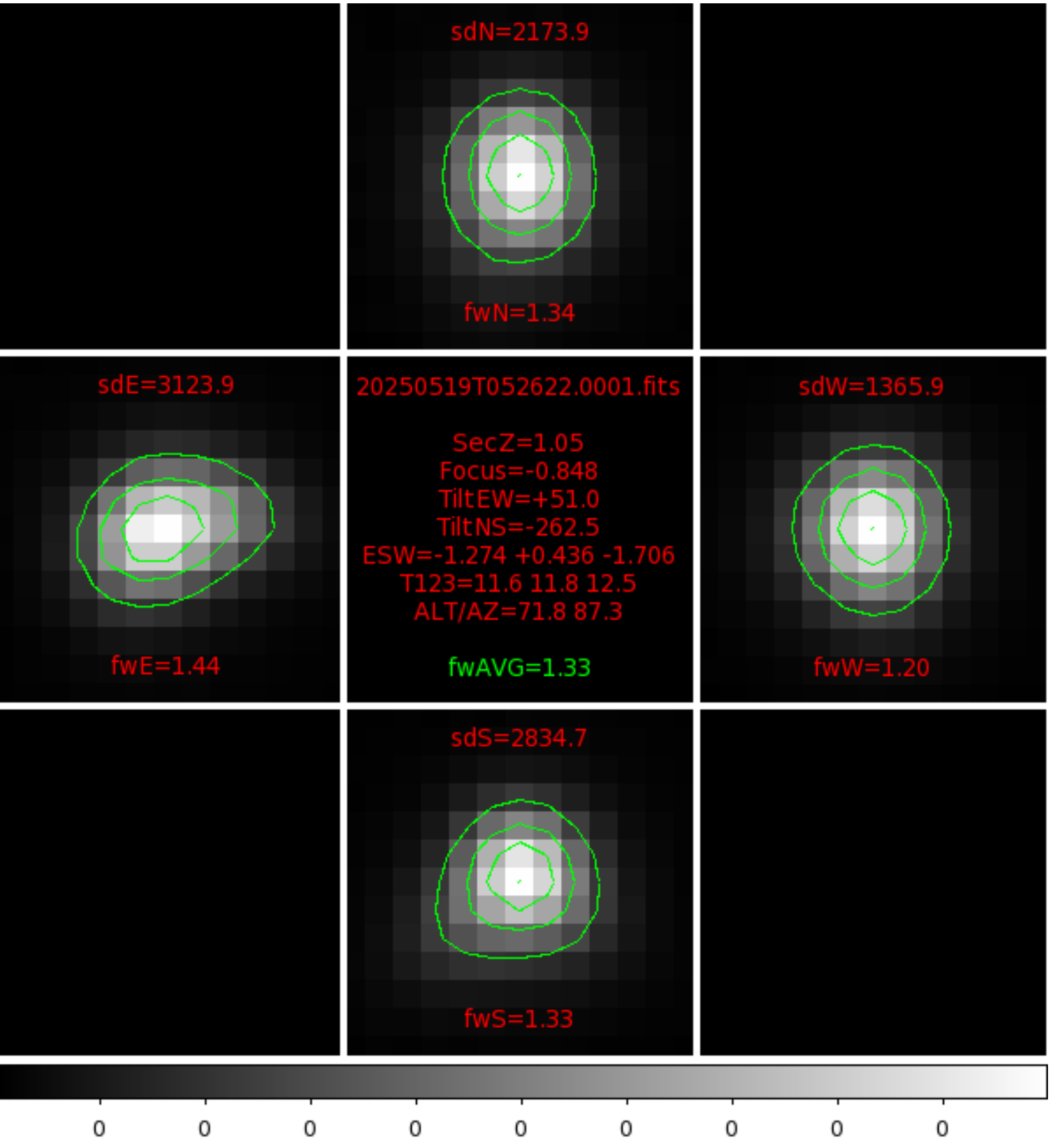
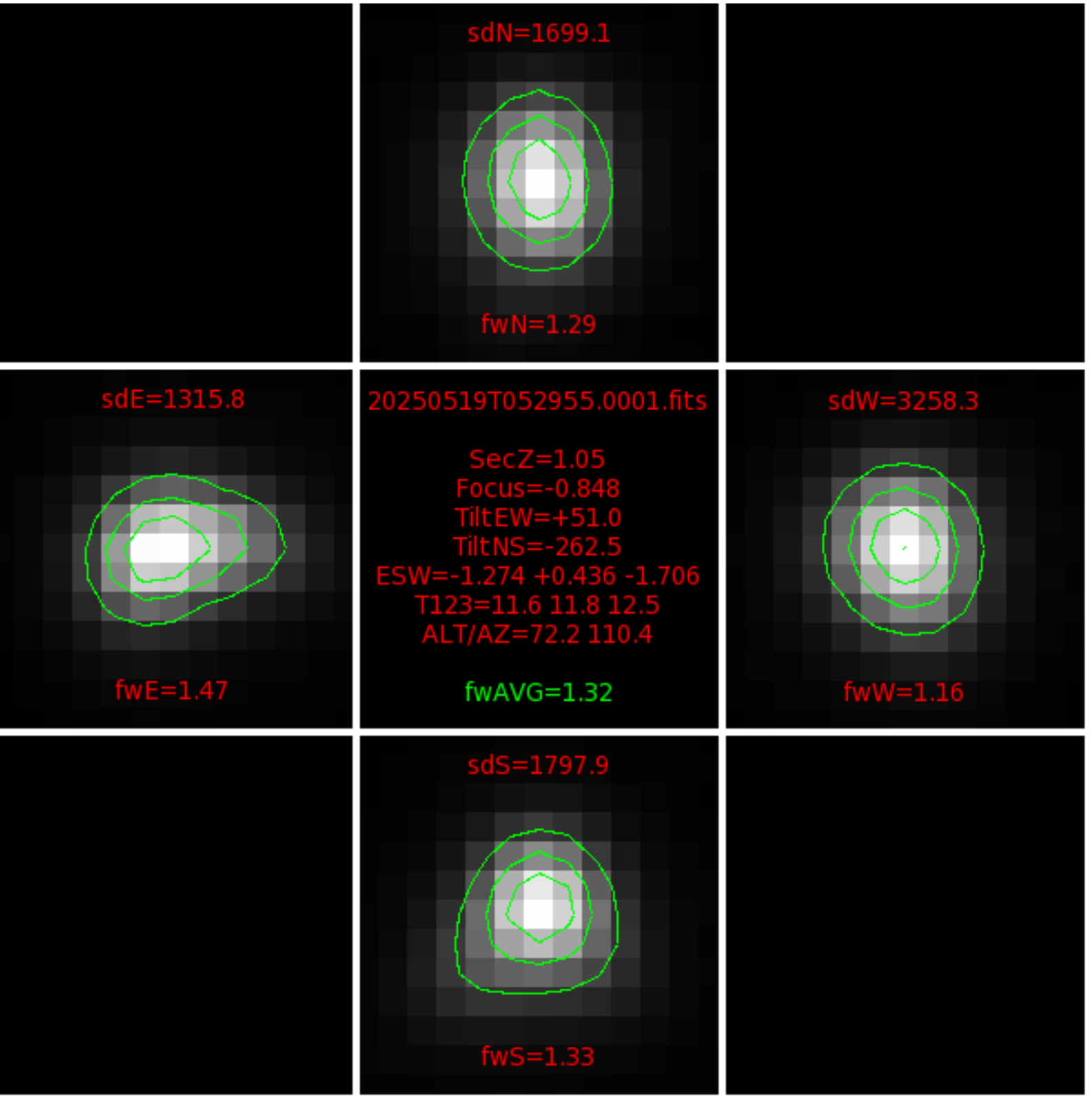

sdN=2173.9
fwN=1.34
sdE=3123.9
fwE=1.44
20250519T052622.0001.fits
SecZ=1.05
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.6 11.8 12.5
ALT/AZ=71.8 87.3
fwAVG=1.33
sdW=1365.9
fwW=1.20
sdS=2834.7
fwS=1.33
0 0 0 0 0 0 0 0 0


sdN=1699.1
fwN=1.29
sdE=1315.8
fwE=1.47
20250519T052955.0001.fits
SecZ=1.05
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.6 11.8 12.5
ALT/AZ=72.2 110.4
fwAVG=1.32
sdW=3258.3
fwW=1.16
sdS=1797.9
fwS=1.33
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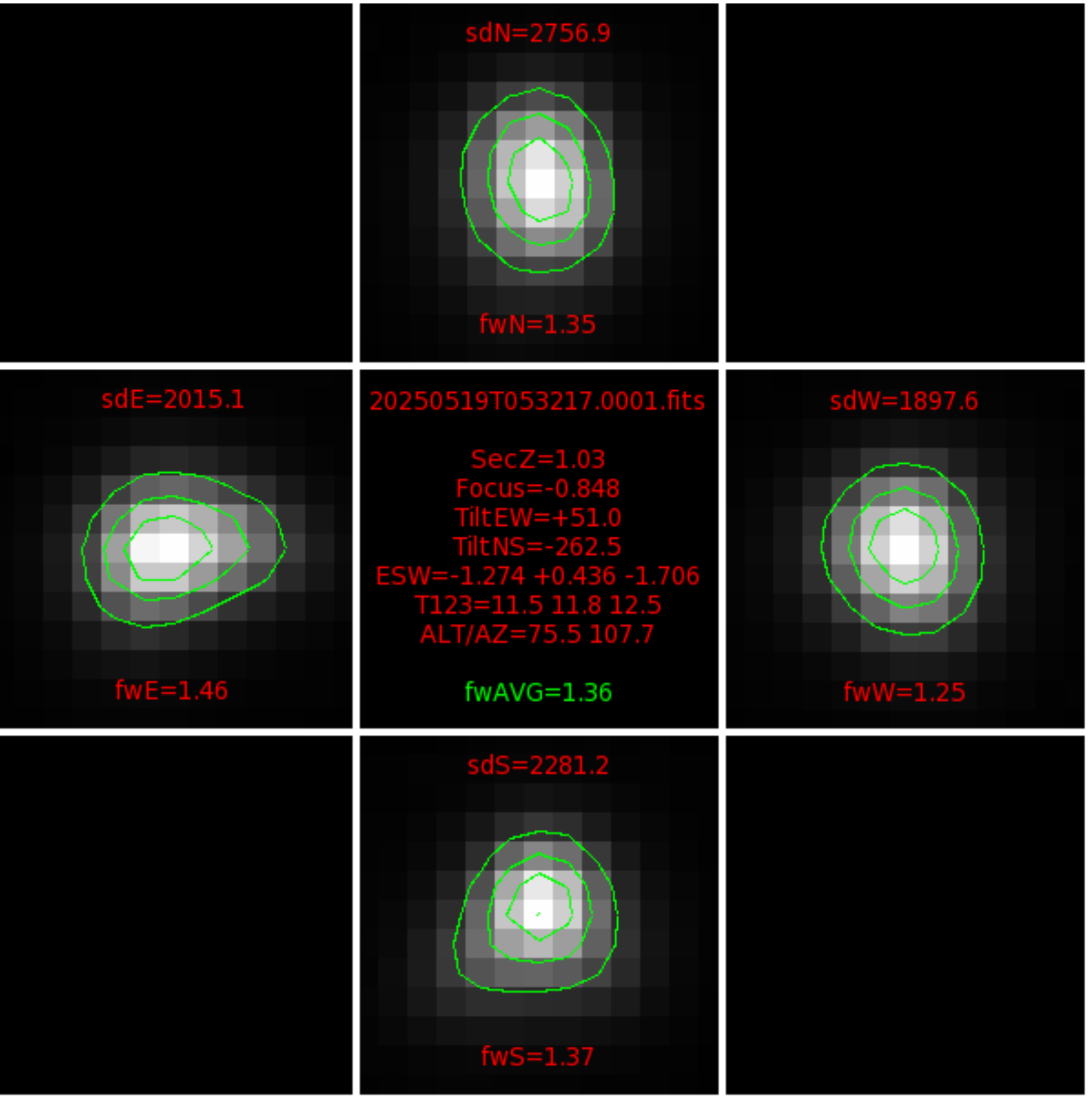
sdN=2756.9
fwN=1.35
sdE=2015.1
fwE=1.46
20250519T053217.0001.fits
SecZ=1.03
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.5 11.8 12.5
ALT/AZ=75.5 107.7
fwAVG=1.36
sdW=1897.6
fwW=1.25
sdS=2281.2
fwS=1.37
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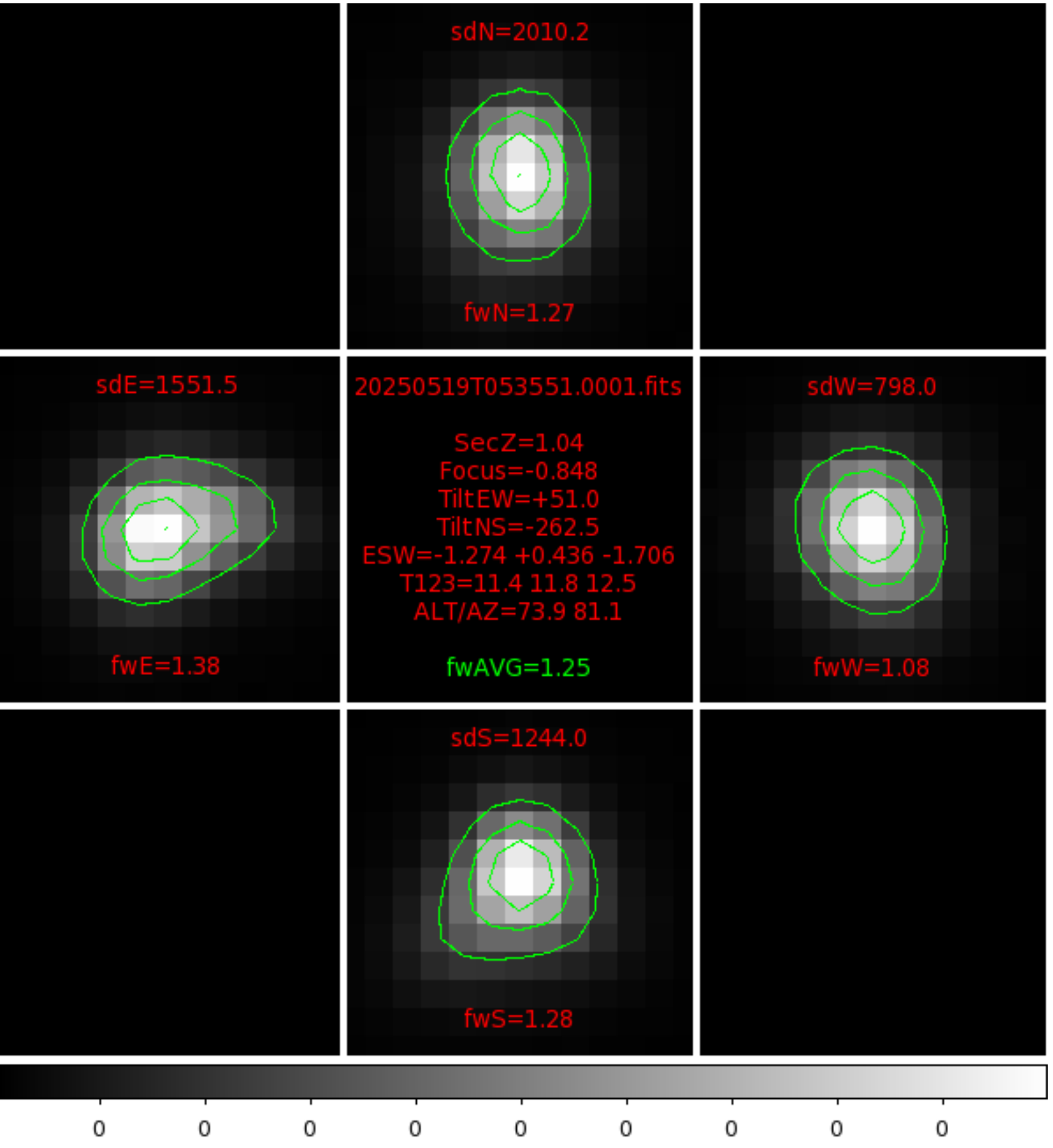
sdN=2010.2
fwN=1.27
sdE=1551.5
fwE=1.38
20250519T053551.0001.fits
SecZ=1.04
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.4 11.8 12.5
ALT/AZ=73.9 81.1
fwAVG=1.25
sdW=798.0
fwW=1.08
sdS=1244.0
fwS=1.28
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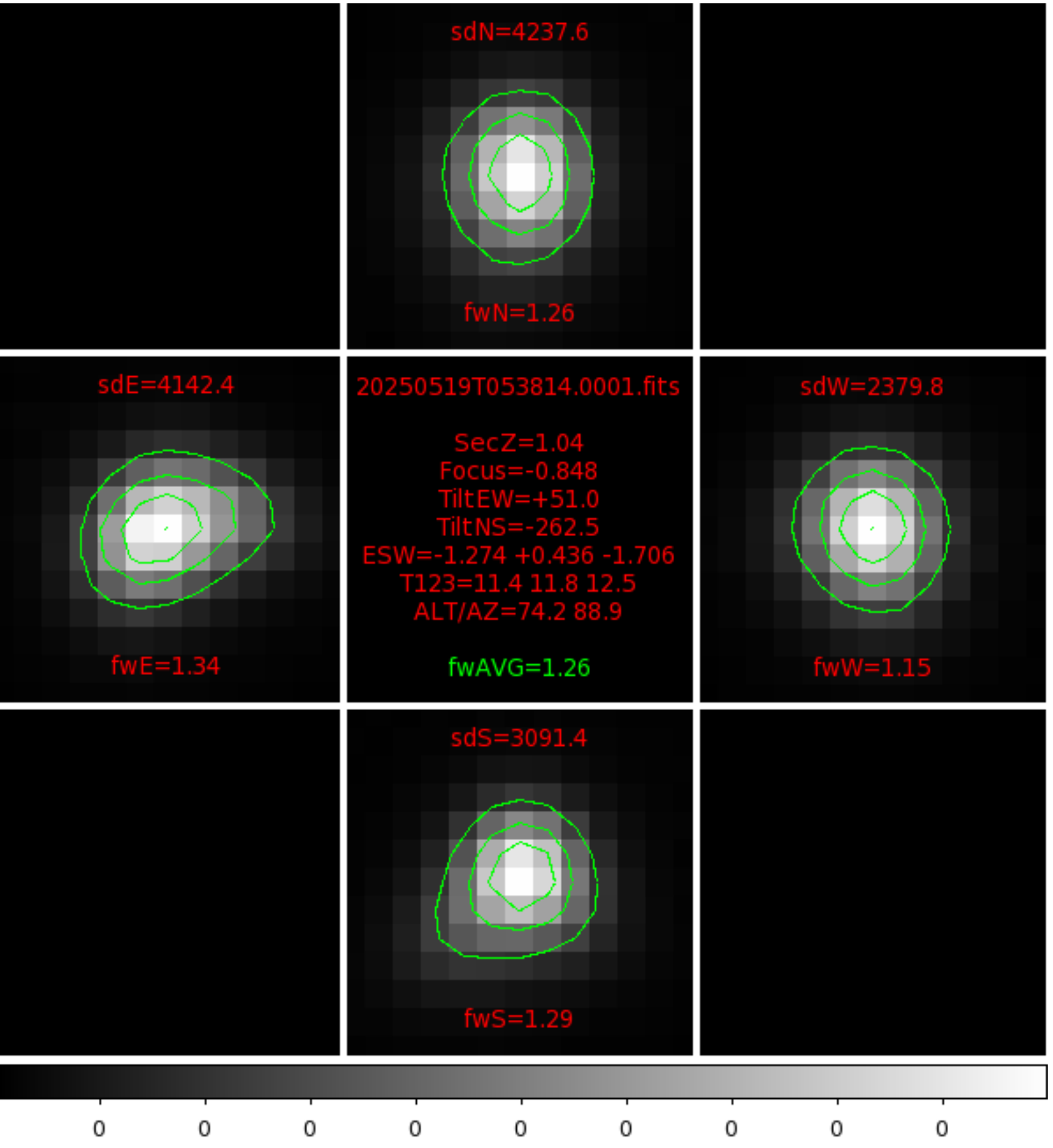
sdN=4237.6
fwN=1.26
sdE=4142.4
fwE=1.34
20250519T053814.0001.fits
SecZ=1.04
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.4 11.8 12.5
ALT/AZ=74.2 88.9
fwAVG=1.26
sdW=2379.8
fwW=1.15
sdS=3091.4
fwS=1.29
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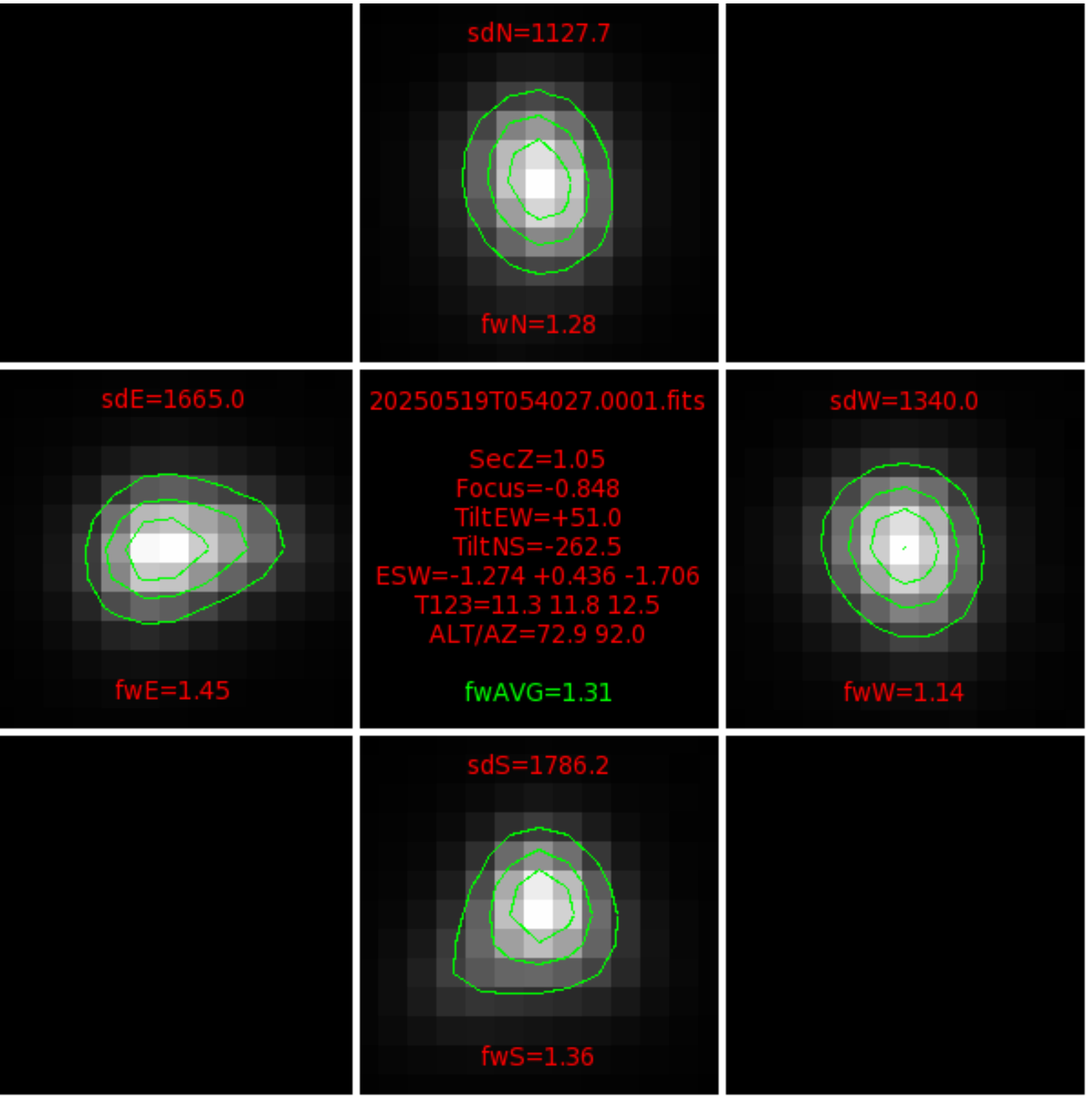
sdN=1127.7
fwN=1.28
sdE=1665.0
fwE=1.45
20250519T054027.0001.fits
SecZ=1.05
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.3 11.8 12.5
ALT/AZ=72.9 92.0
fwAVG=1.31
sdW=1340.0
fwW=1.14
sdS=1786.2
fwS=1.36
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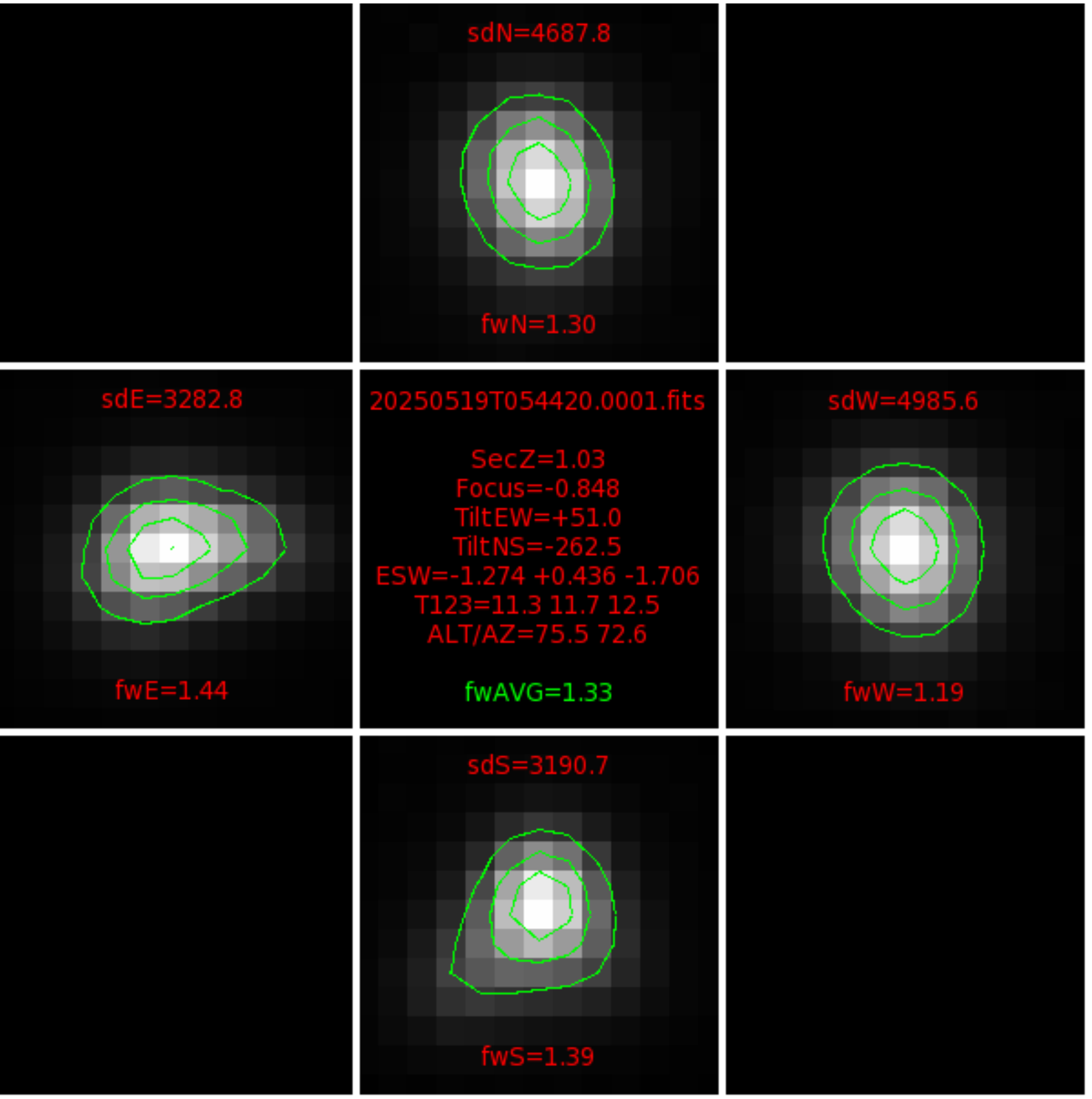
sdN=4687.8
fwN=1.30
sdE=3282.8
fwE=1.44
20250519T054420.0001.fits
SecZ=1.03
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.3 11.7 12.5
ALT/AZ=75.5 72.6
fwAVG=1.33
sdW=4985.6
fwW=1.19
sdS=3190.7
fwS=1.39
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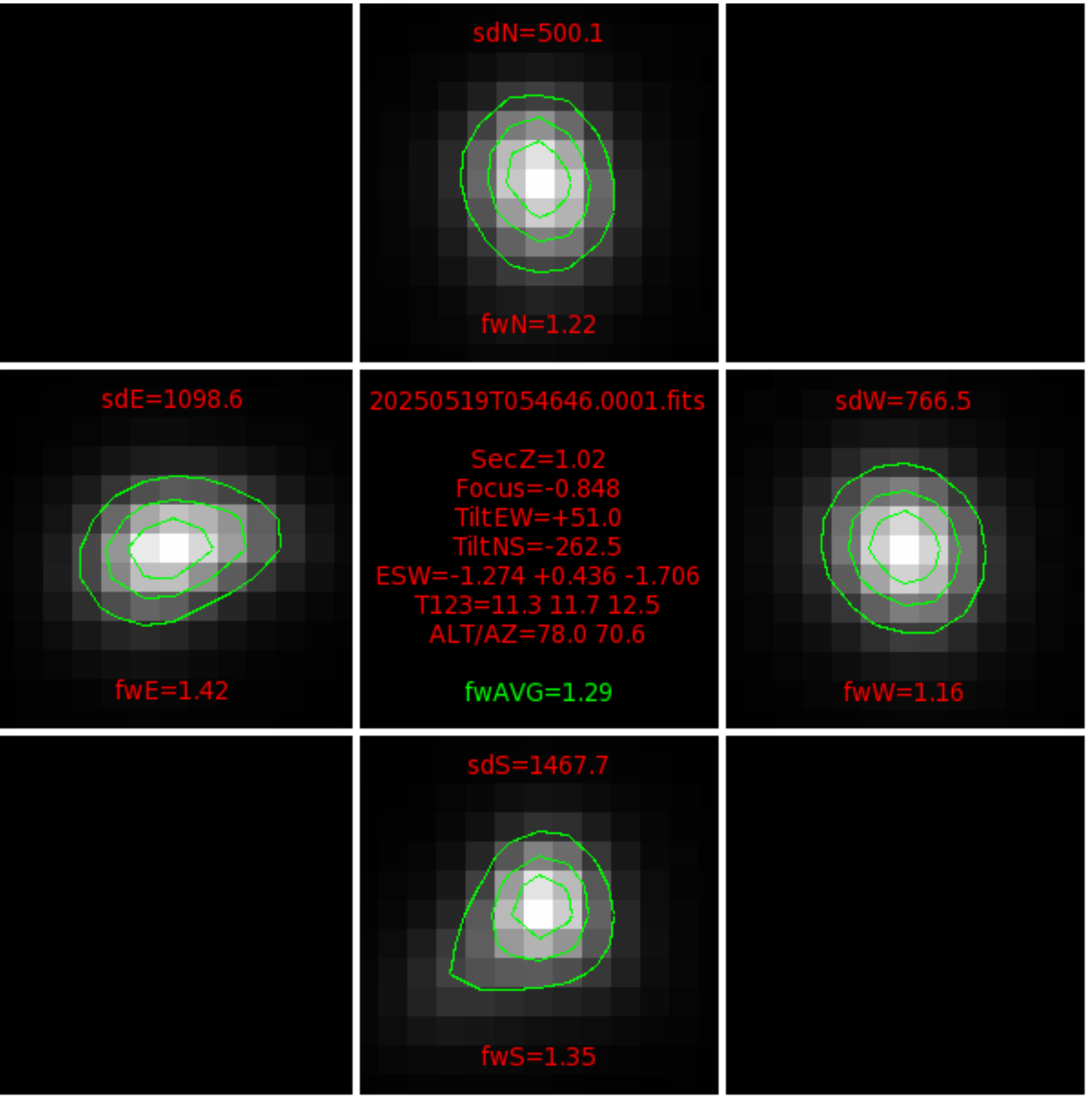
sdN=500.1
fwN=1.22
sdE=1098.6
fwE=1.42
20250519T054646.0001.fits
SecZ=1.02
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.3 11.7 12.5
ALT/AZ=78.0 70.6
fwAVG=1.29
sdW=766.5
fwW=1.16
sdS=1467.7
fwS=1.35
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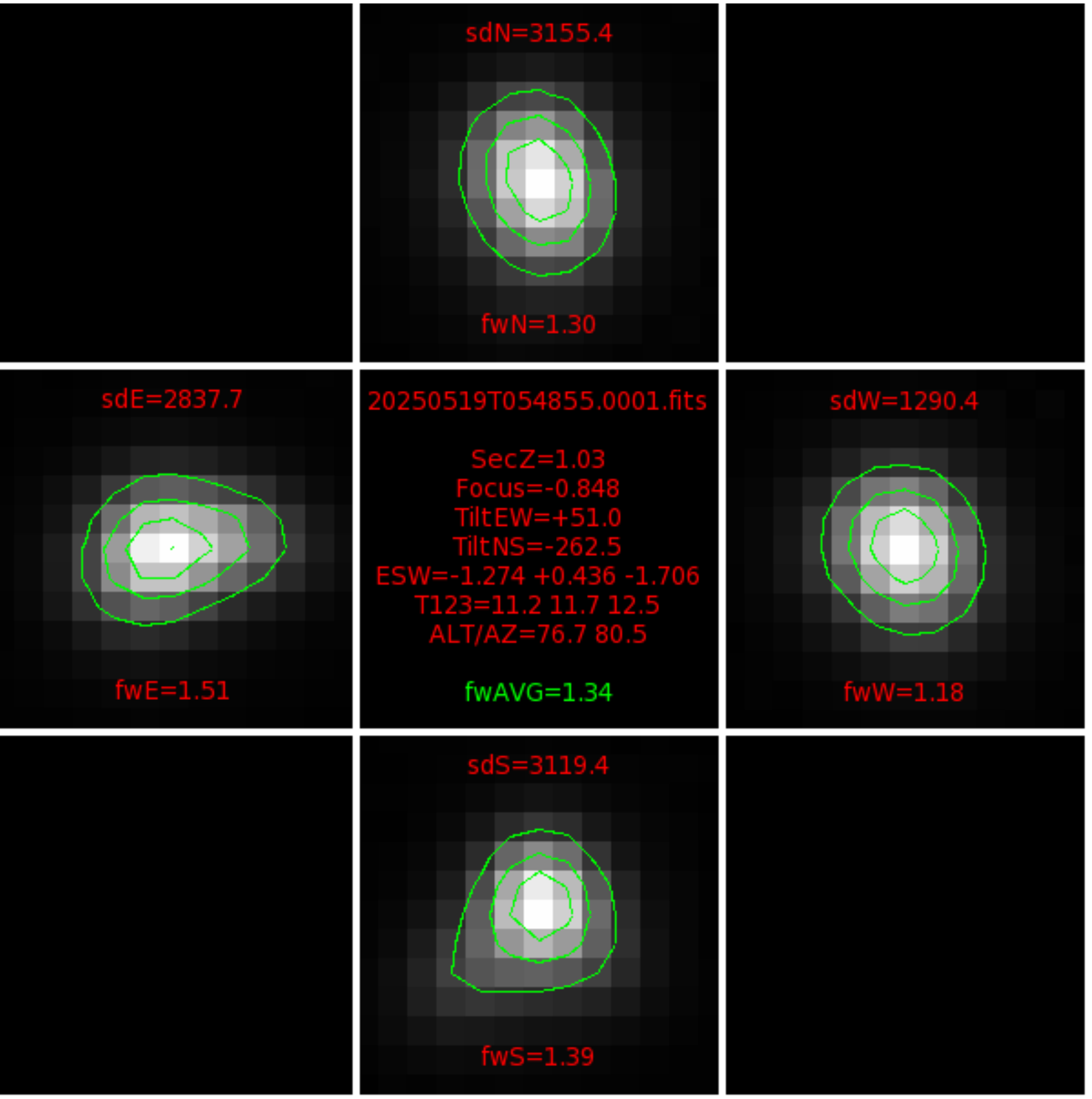
sdN=3155.4
fwN=1.30
sdE=2837.7
fwE=1.51
20250519T054855.0001.fits
SecZ=1.03
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.2 11.7 12.5
ALT/AZ=76.7 80.5
fwAVG=1.34
sdW=1290.4
fwW=1.18
sdS=3119.4
fwS=1.39
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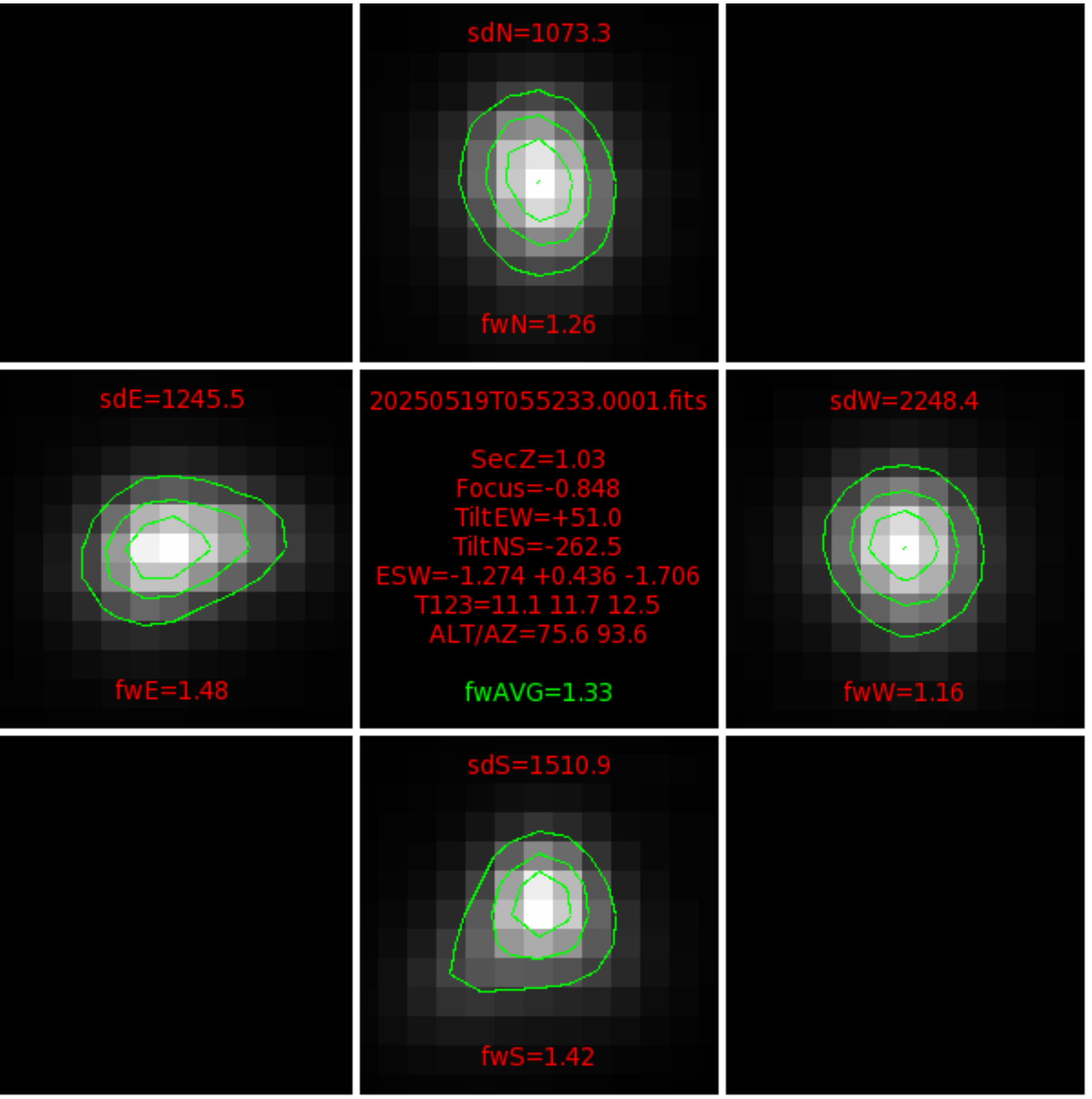
sdN=1073.3
fwN=1.26
sdE=1245.5
fwE=1.48
20250519T055233.0001.fits
SecZ=1.03
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.1 11.7 12.5
ALT/AZ=75.6 93.6
fwAVG=1.33
sdW=2248.4
fwW=1.16
sdS=1510.9
fwS=1.42
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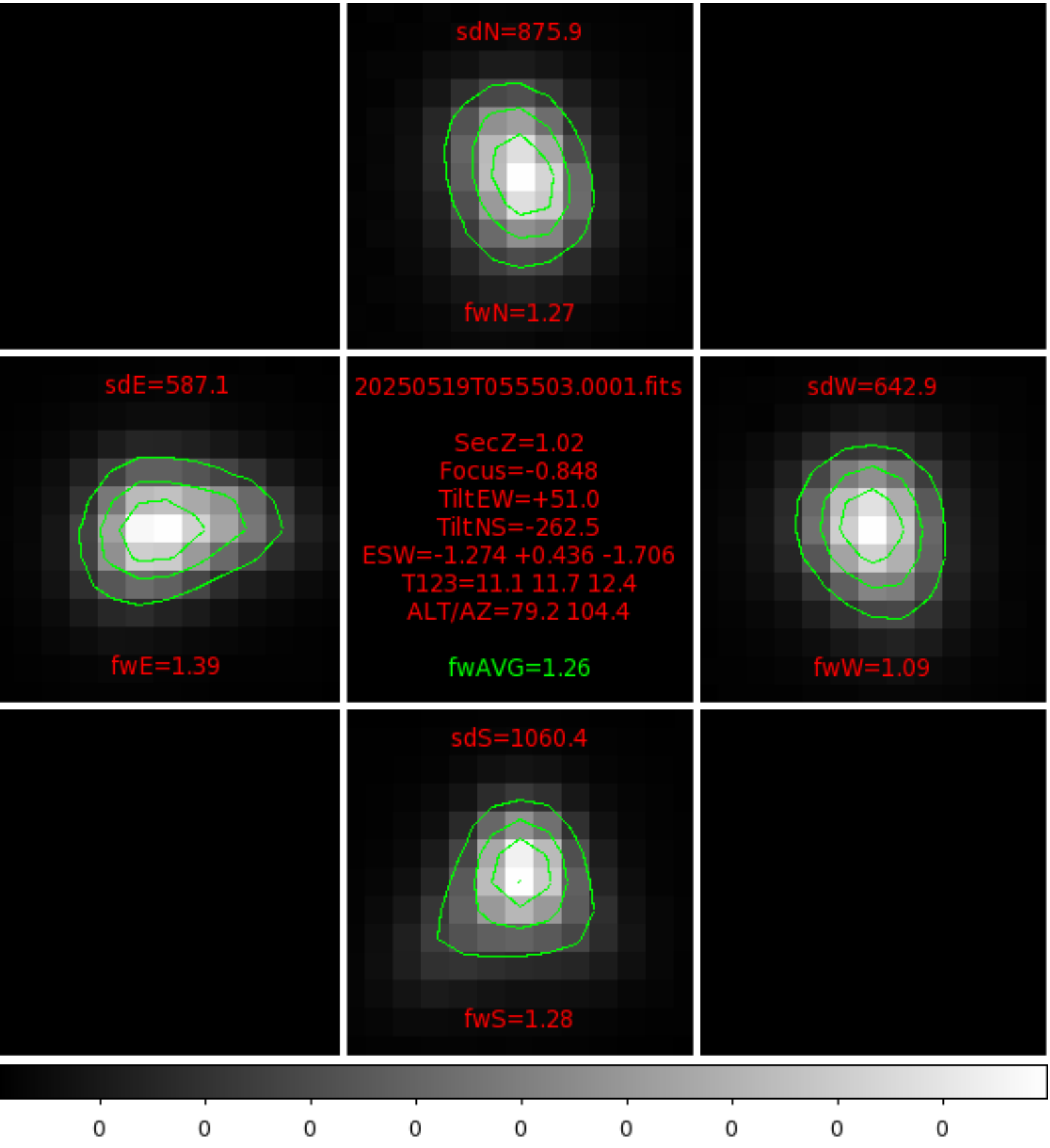
sdN=875.9
fwN=1.27
sdE=587.1
fwE=1.39
20250519T055503.0001.fits
SecZ=1.02
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.1 11.7 12.4
ALT/AZ=79.2 104.4
fwAVG=1.26
sdW=642.9
fwW=1.09
sdS=1060.4
fwS=1.28
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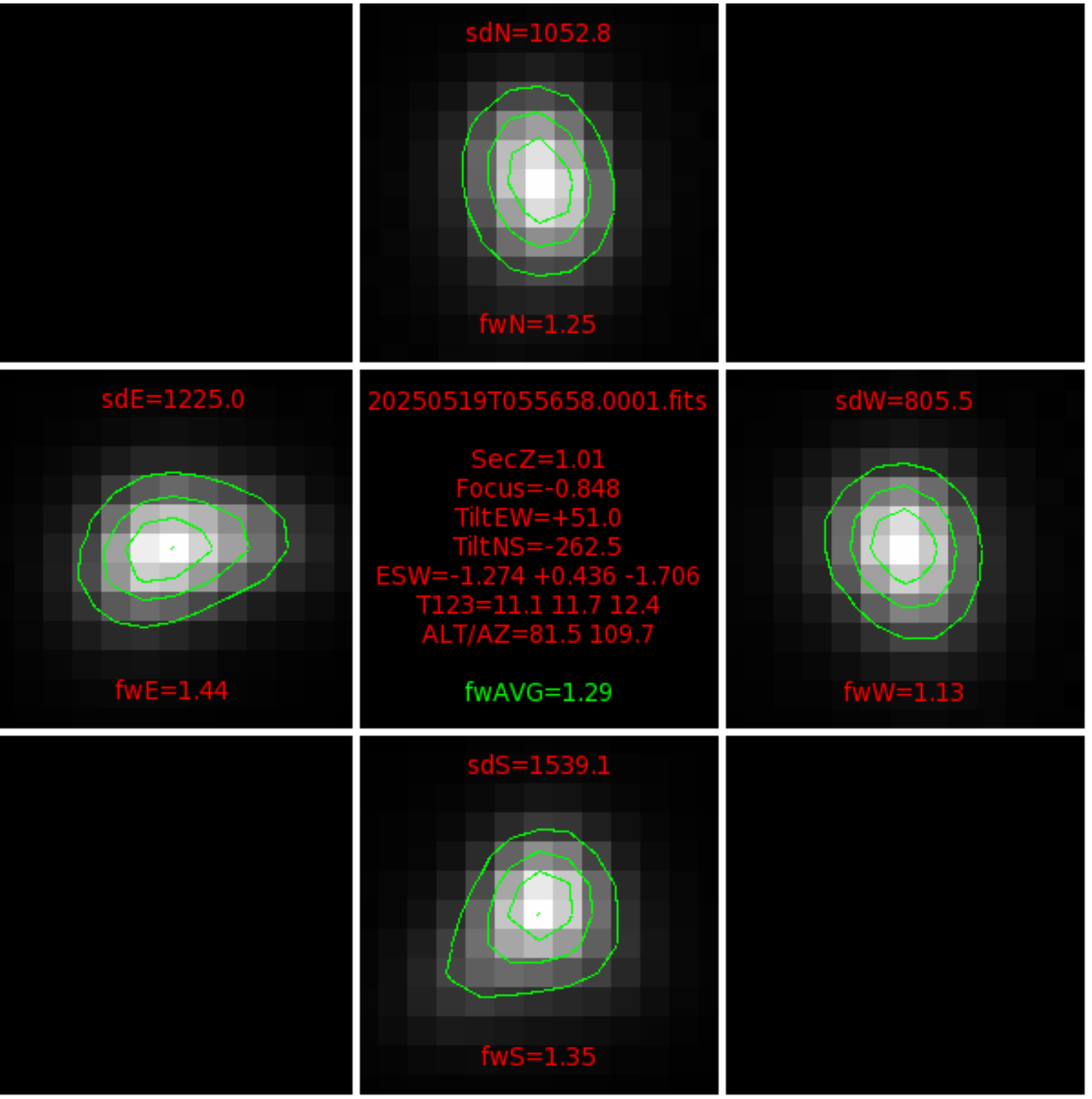
sdN=1052.8
fwN=1.25
sdE=1225.0
fwE=1.44
20250519T055658.0001.fits
SecZ=1.01
Focus=-0.848
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.274 +0.436 -1.706
T123=11.1 11.7 12.4
ALT/AZ=81.5 109.7
fwAVG=1.29
sdW=805.5
fwW=1.13
sdS=1539.1
fwS=1.35
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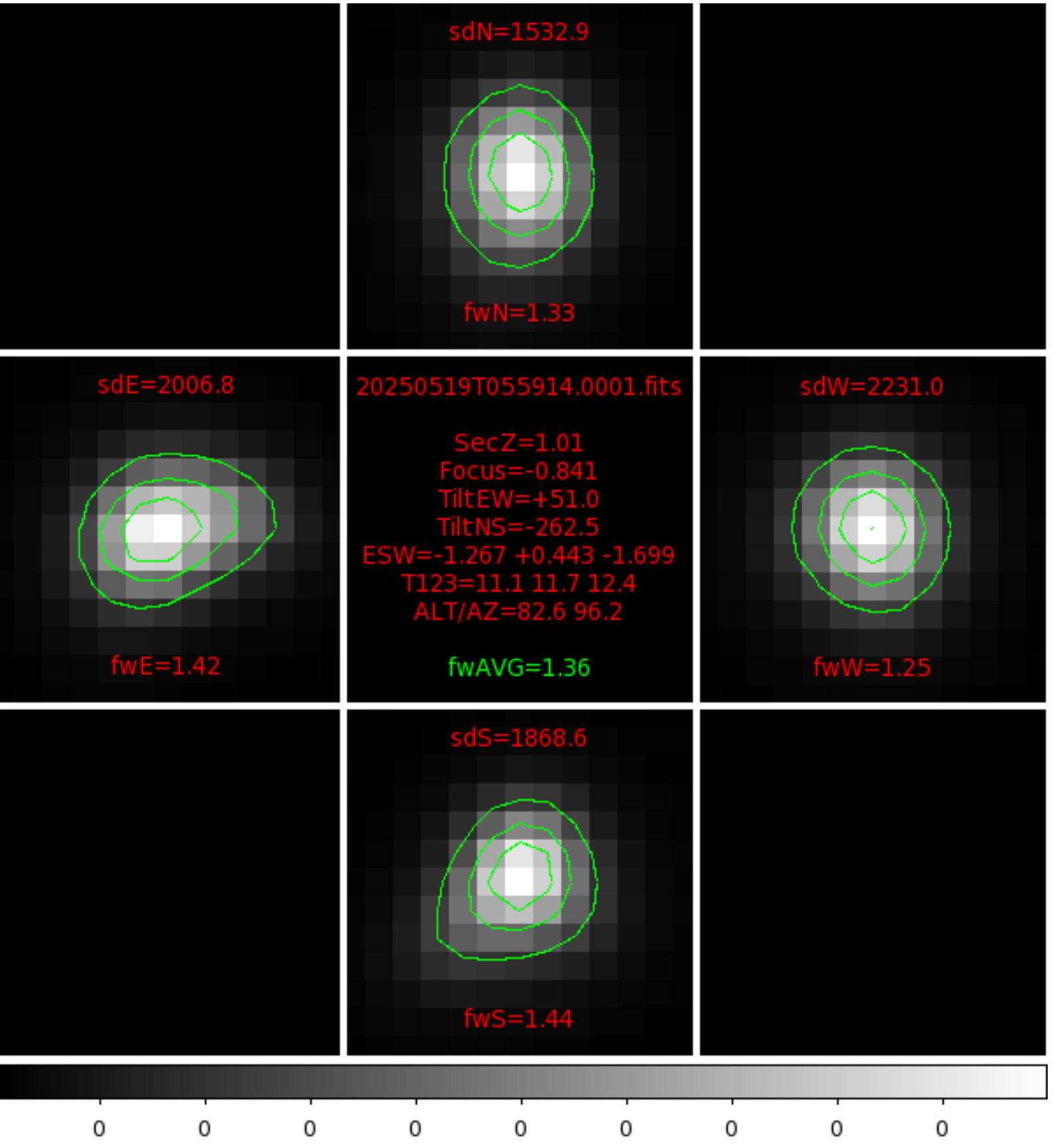
sdN=1532.9
fwN=1.33
sdE=2006.8
fwE=1.42
20250519T055914.0001.fits
SecZ=1.01
Focus=-0.841
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.267 +0.443 -1.699
T123=11.1 11.7 12.4
ALT/AZ=82.6 96.2
fwAVG=1.36
sdW=2231.0
fwW=1.25
sdS=1868.6
fwS=1.44
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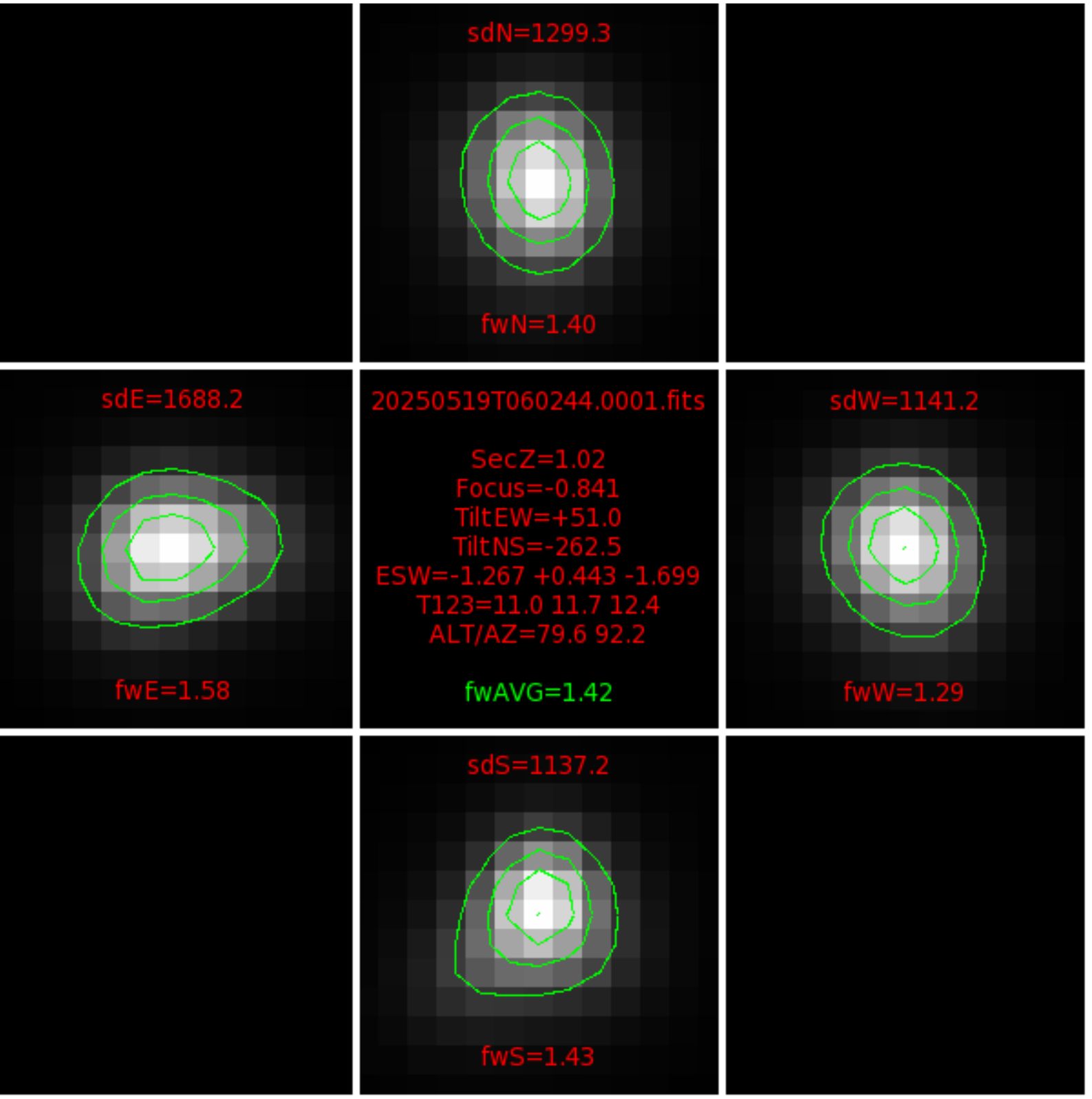
sdN=1299.3
fwN=1.40
sdE=1688.2
fwE=1.58
20250519T060244.0001.fits
SecZ=1.02
Focus=-0.841
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.267 +0.443 -1.699
T123=11.0 11.7 12.4
ALT/AZ=79.6 92.2
fwAVG=1.42
sdW=1141.2
fwW=1.29
sdS=1137.2
fwS=1.43
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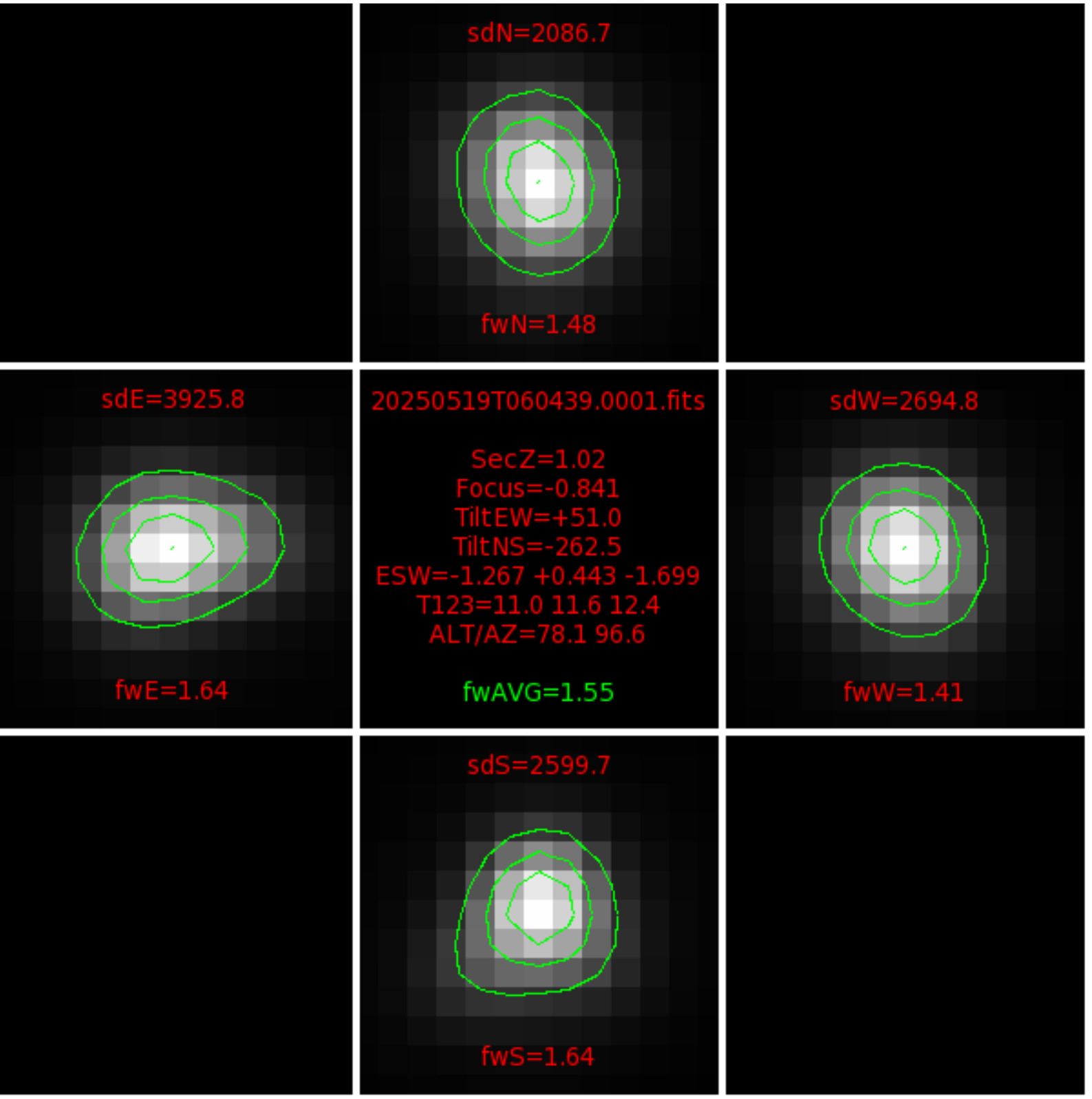
sdN=2086.7
fwN=1.48
sdE=3925.8
fwE=1.64
20250519T060439.0001.fits
SecZ=1.02
Focus=-0.841
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.267 +0.443 -1.699
T123=11.0 11.6 12.4
ALT/AZ=78.1 96.6
fwAVG=1.55
sdW=2694.8
fwW=1.41
sdS=2599.7
fwS=1.64
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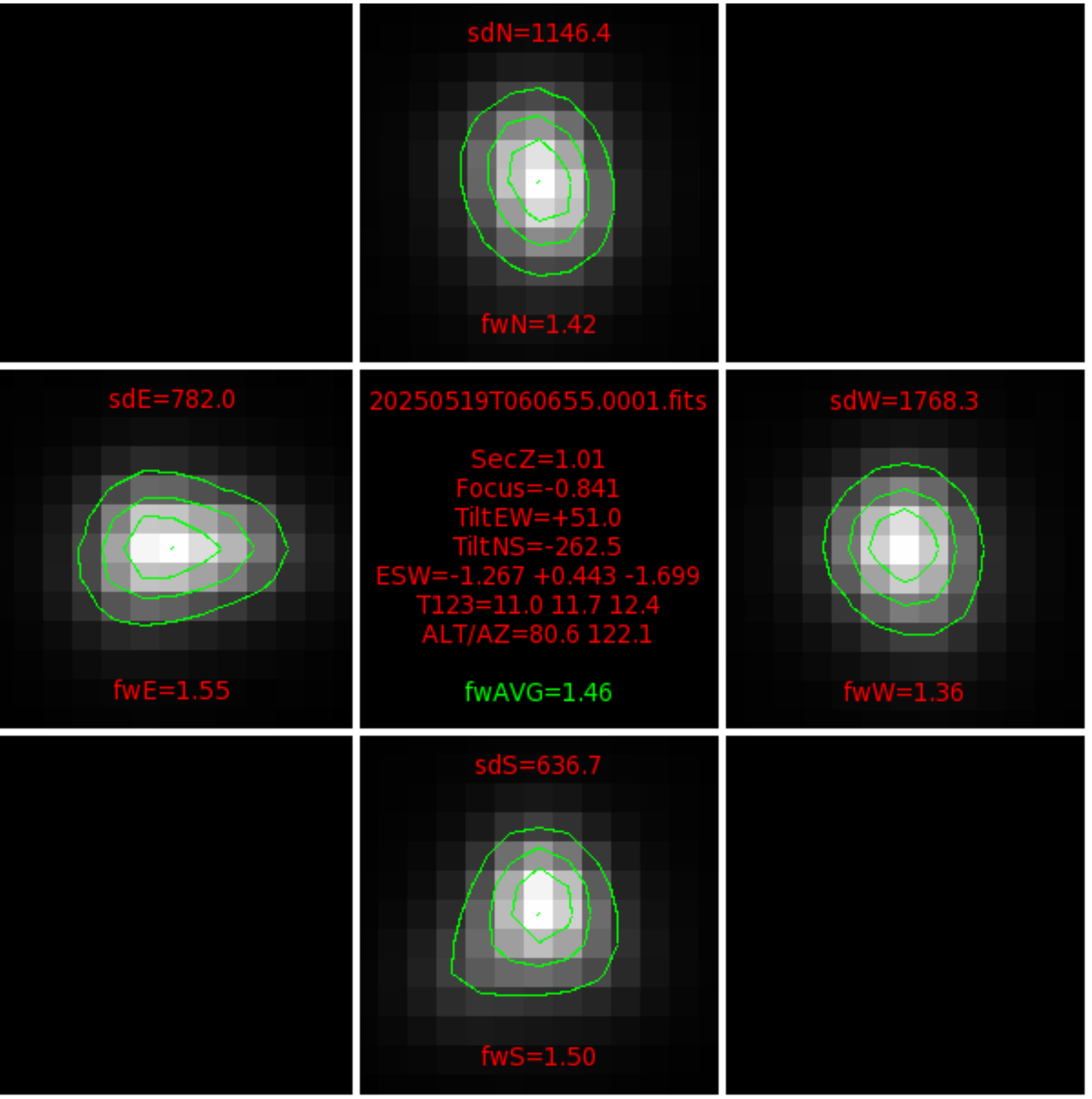
sdN=1146.4
fwN=1.42
sdE=782.0
fwE=1.55
20250519T060655.0001.fits
SecZ=1.01
Focus=-0.841
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.267 +0.443 -1.699
T123=11.0 11.7 12.4
ALT/AZ=80.6 122.1
fwAVG=1.46
sdW=1768.3
fwW=1.36
sdS=636.7
fwS=1.50
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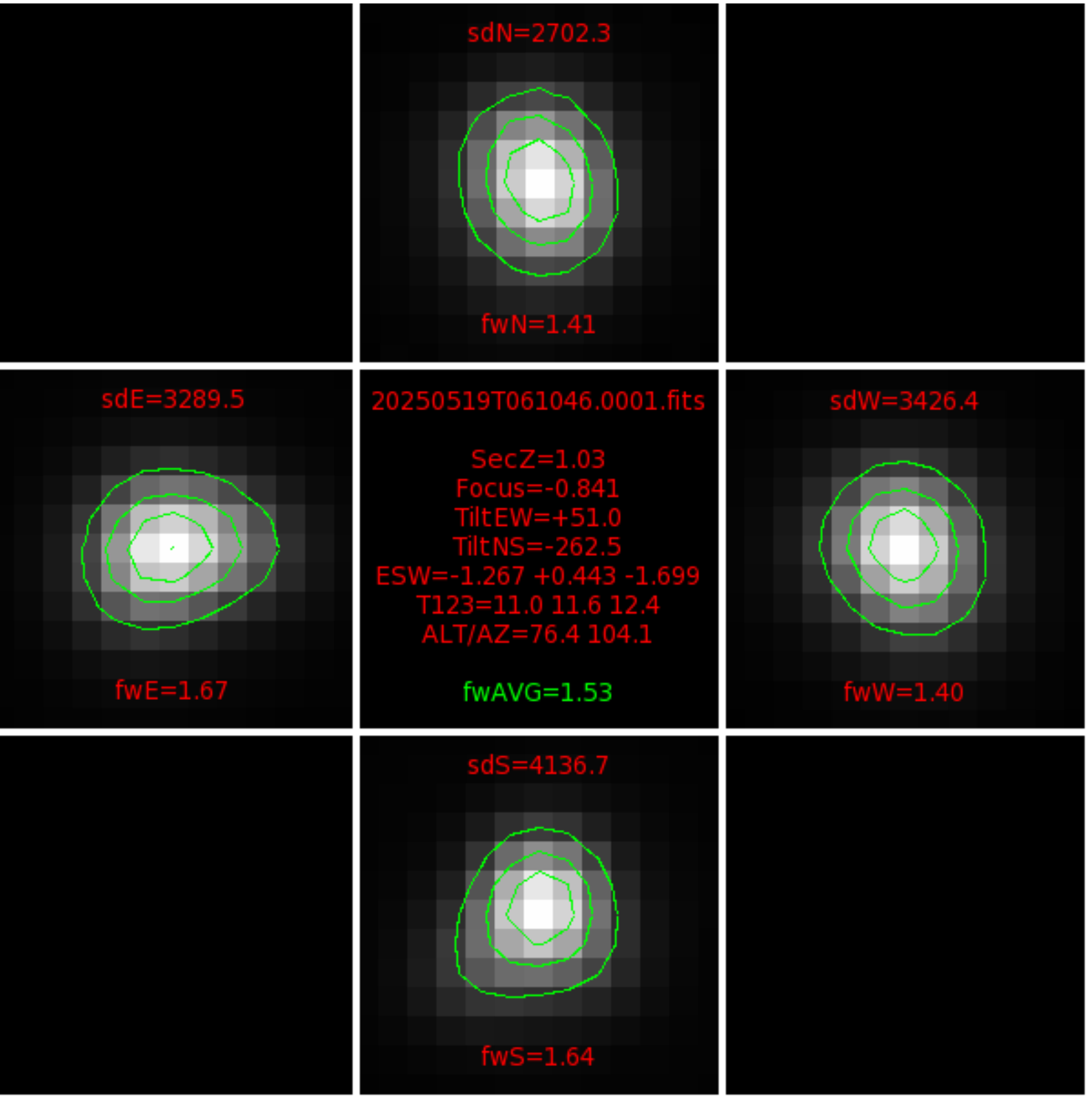
sdN=2702.3
fwN=1.41
sdE=3289.5
fwE=1.67
20250519T061046.0001.fits
SecZ=1.03
Focus=-0.841
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.267 +0.443 -1.699
T123=11.0 11.6 12.4
ALT/AZ=76.4 104.1
fwAVG=1.53
sdW=3426.4
fwW=1.40
sdS=4136.7
fwS=1.64
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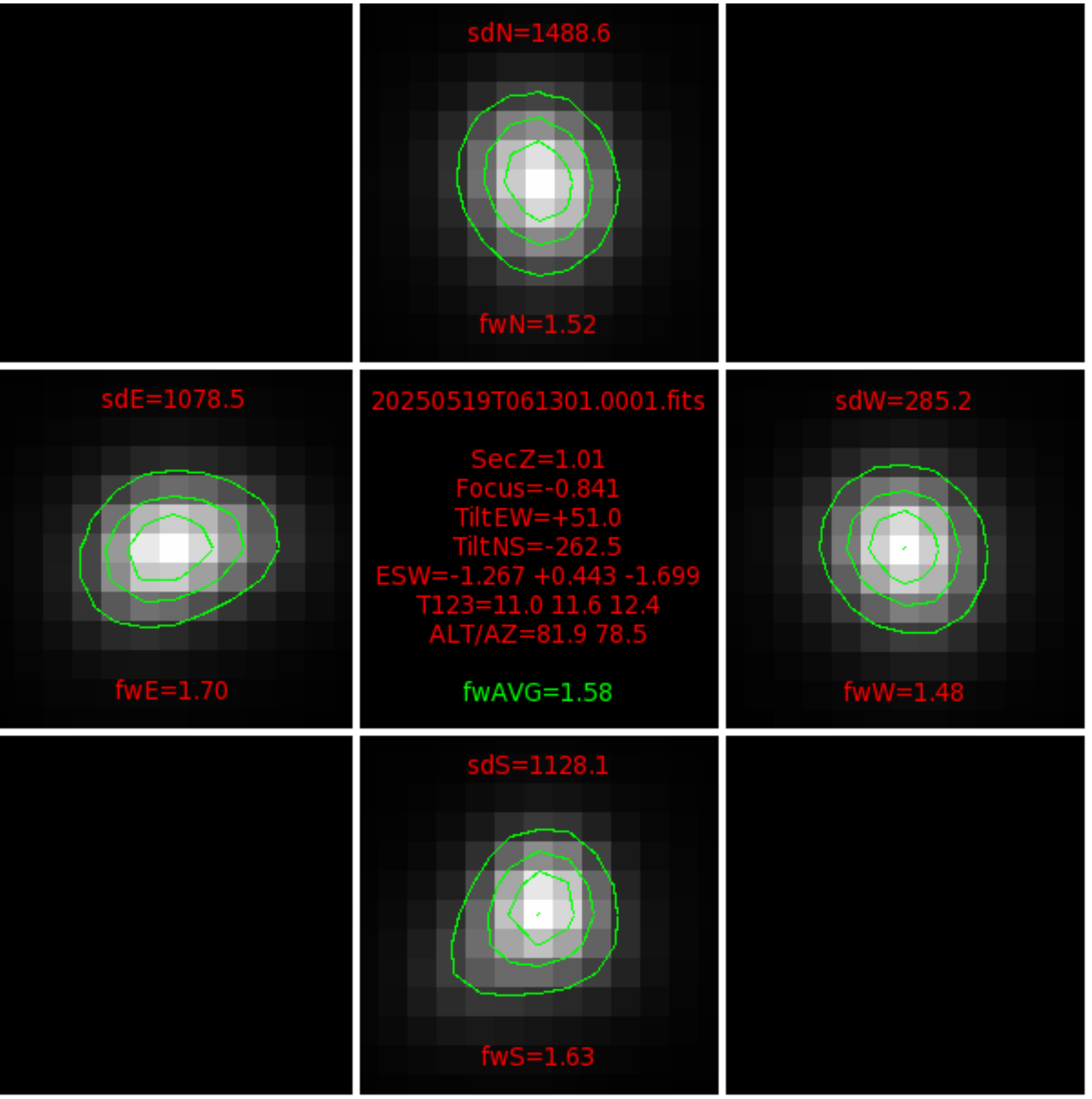
sdN=1488.6
fwN=1.52
sdE=1078.5
fwE=1.70
20250519T061301.0001.fits
SecZ=1.01
Focus=-0.841
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.267 +0.443 -1.699
T123=11.0 11.6 12.4
ALT/AZ=81.9 78.5
fwAVG=1.58
sdW=285.2
fwW=1.48
sdS=1128.1
fwS=1.63
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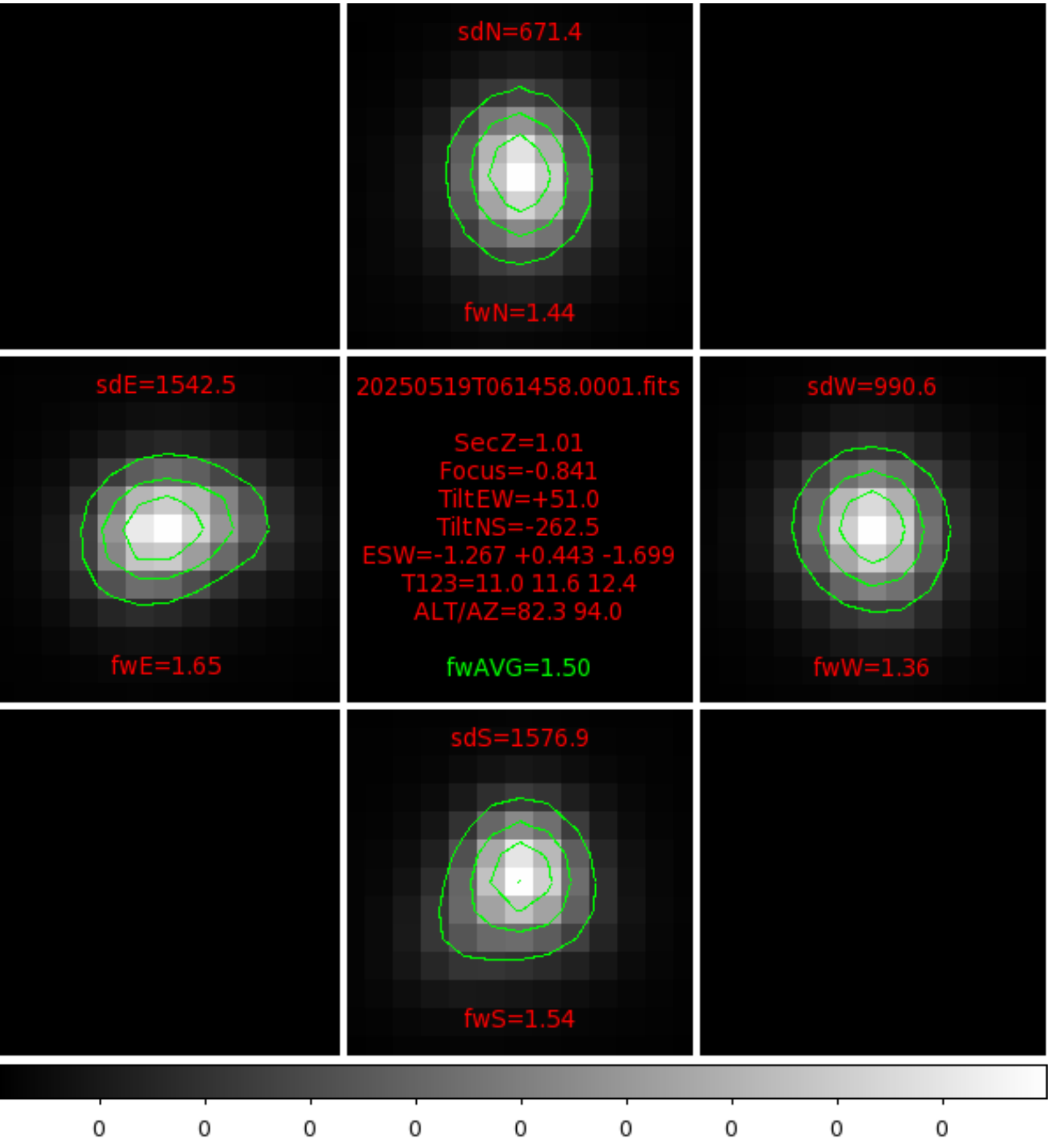
sdN=671.4
fwN=1.44
sdE=1542.5
fwE=1.65
20250519T061458.0001.fits
SecZ=1.01
Focus=-0.841
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.267 +0.443 -1.699
T123=11.0 11.6 12.4
ALT/AZ=82.3 94.0
fwAVG=1.50
sdW=990.6
fwW=1.36
sdS=1576.9
fwS=1.54
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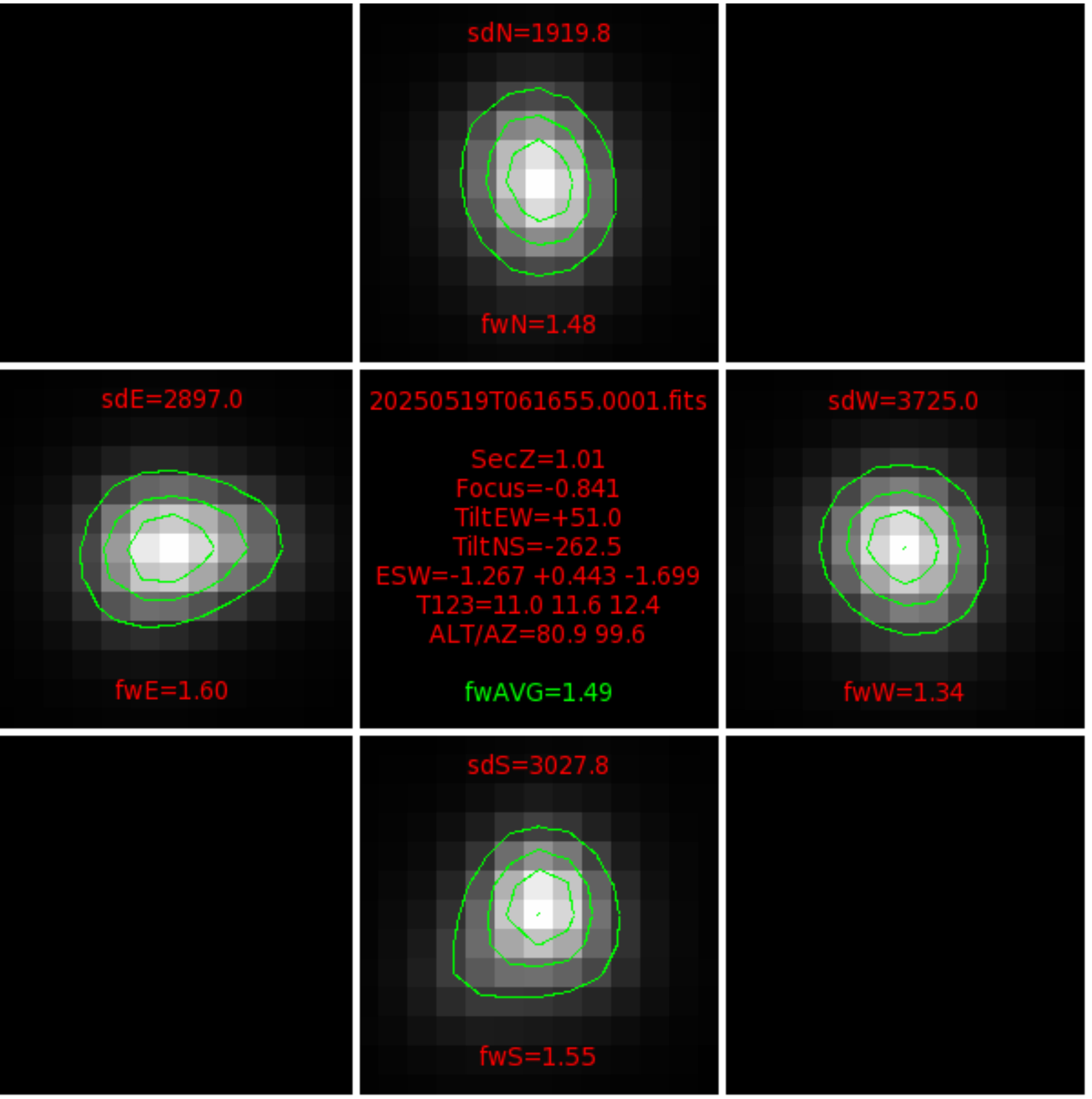
sdN=1919.8
fwN=1.48
sdE=2897.0
fwE=1.60
20250519T061655.0001.fits
SecZ=1.01
Focus=-0.841
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.267 +0.443 -1.699
T123=11.0 11.6 12.4
ALT/AZ=80.9 99.6
fwAVG=1.49
sdW=3725.0
fwW=1.34
sdS=3027.8
fwS=1.55
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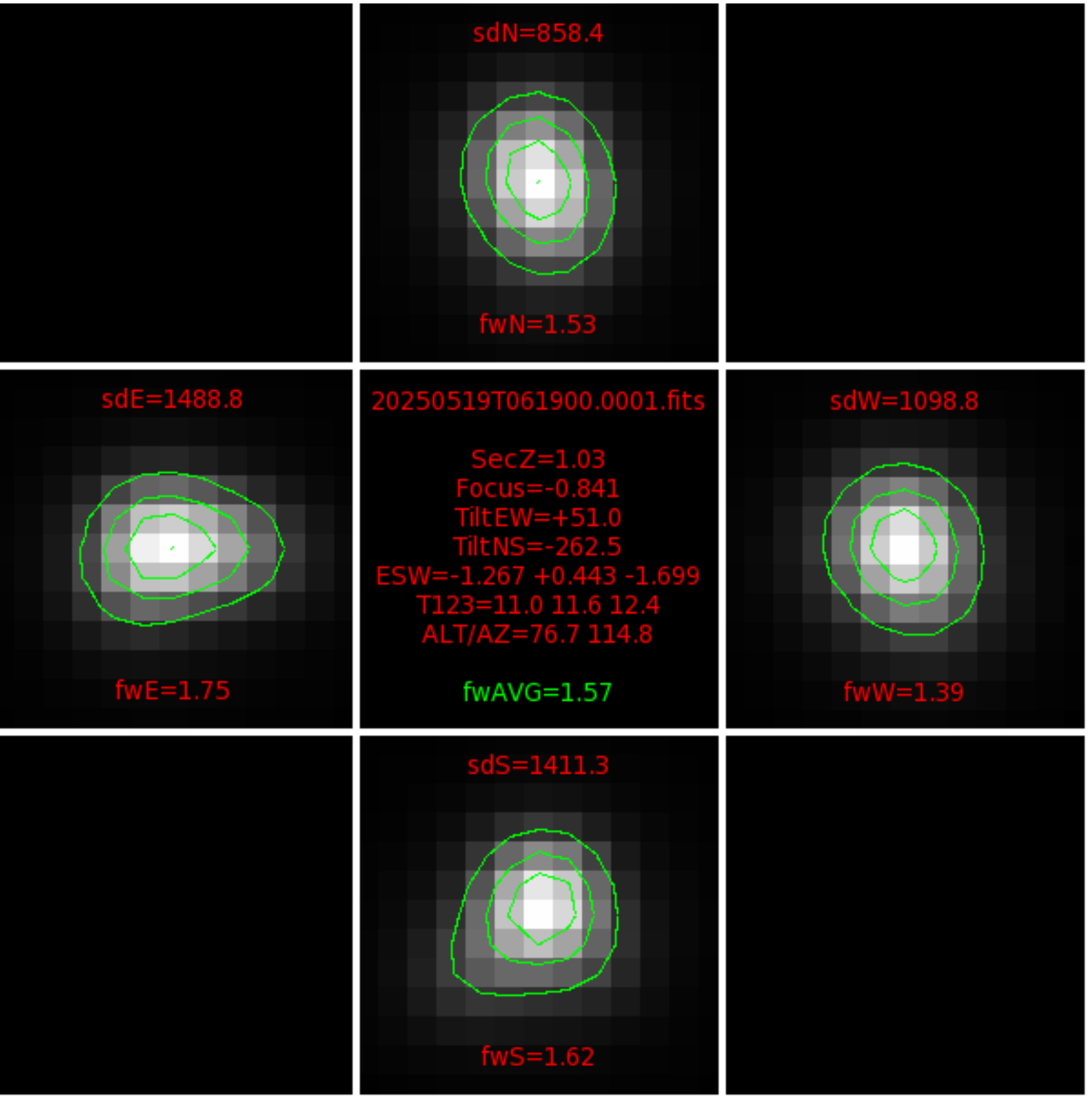
sdN=858.4
fwN=1.53
sdE=1488.8
fwE=1.75
20250519T061900.0001.fits
SecZ=1.03
Focus=-0.841
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.267 +0.443 -1.699
T123=11.0 11.6 12.4
ALT/AZ=76.7 114.8
fwAVG=1.57
sdW=1098.8
fwW=1.39
sdS=1411.3
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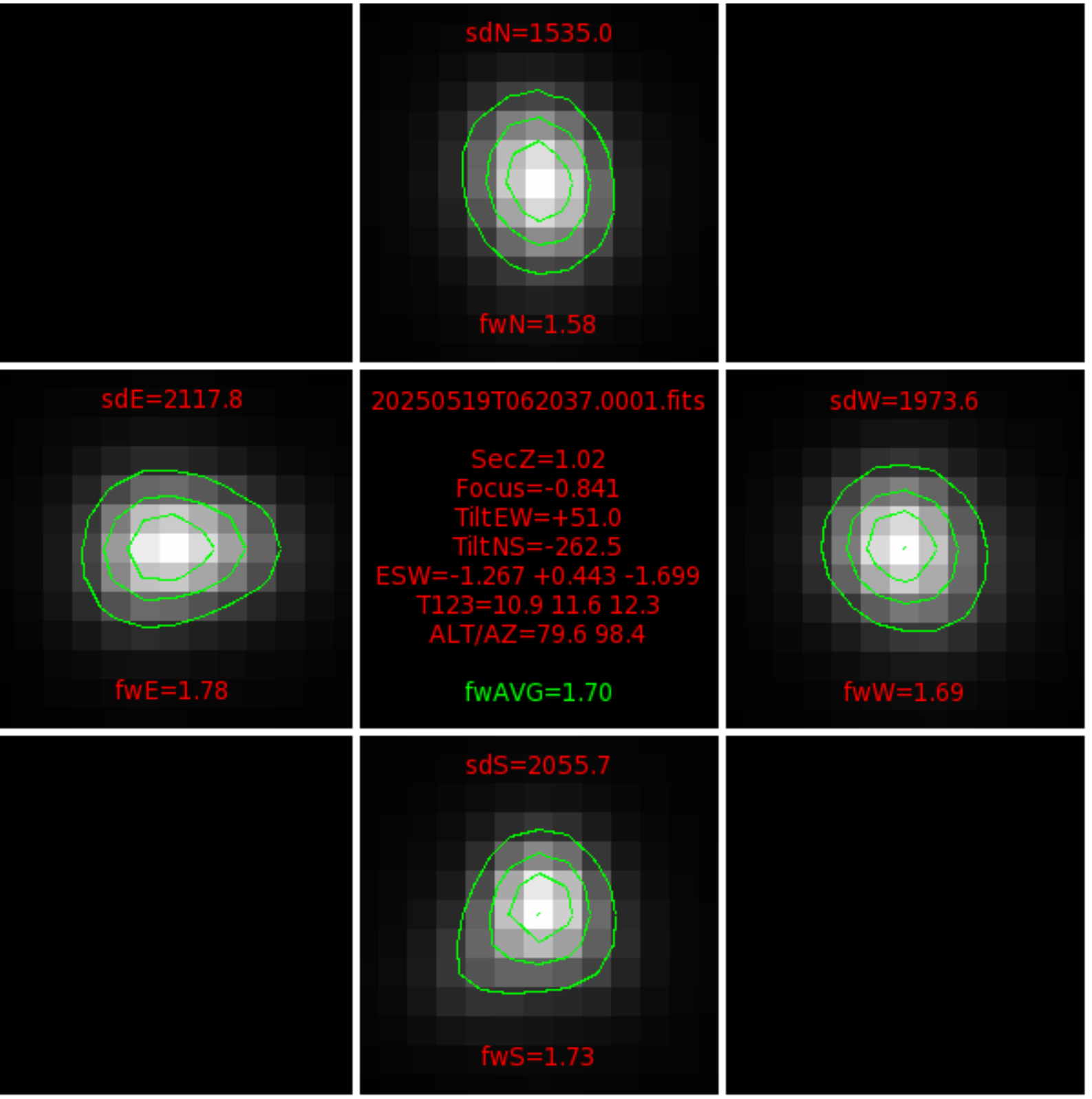
sdN=1535.0
fwN=1.58
sdE=2117.8
fwE=1.78
20250519T062037.0001.fits
SecZ=1.02
Focus=-0.841
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.267 +0.443 -1.699
T123=10.9 11.6 12.3
ALT/AZ=79.6 98.4
fwAVG=1.70
sdW=1973.6
fwW=1.69
sdS=2055.7
fwS=1.73
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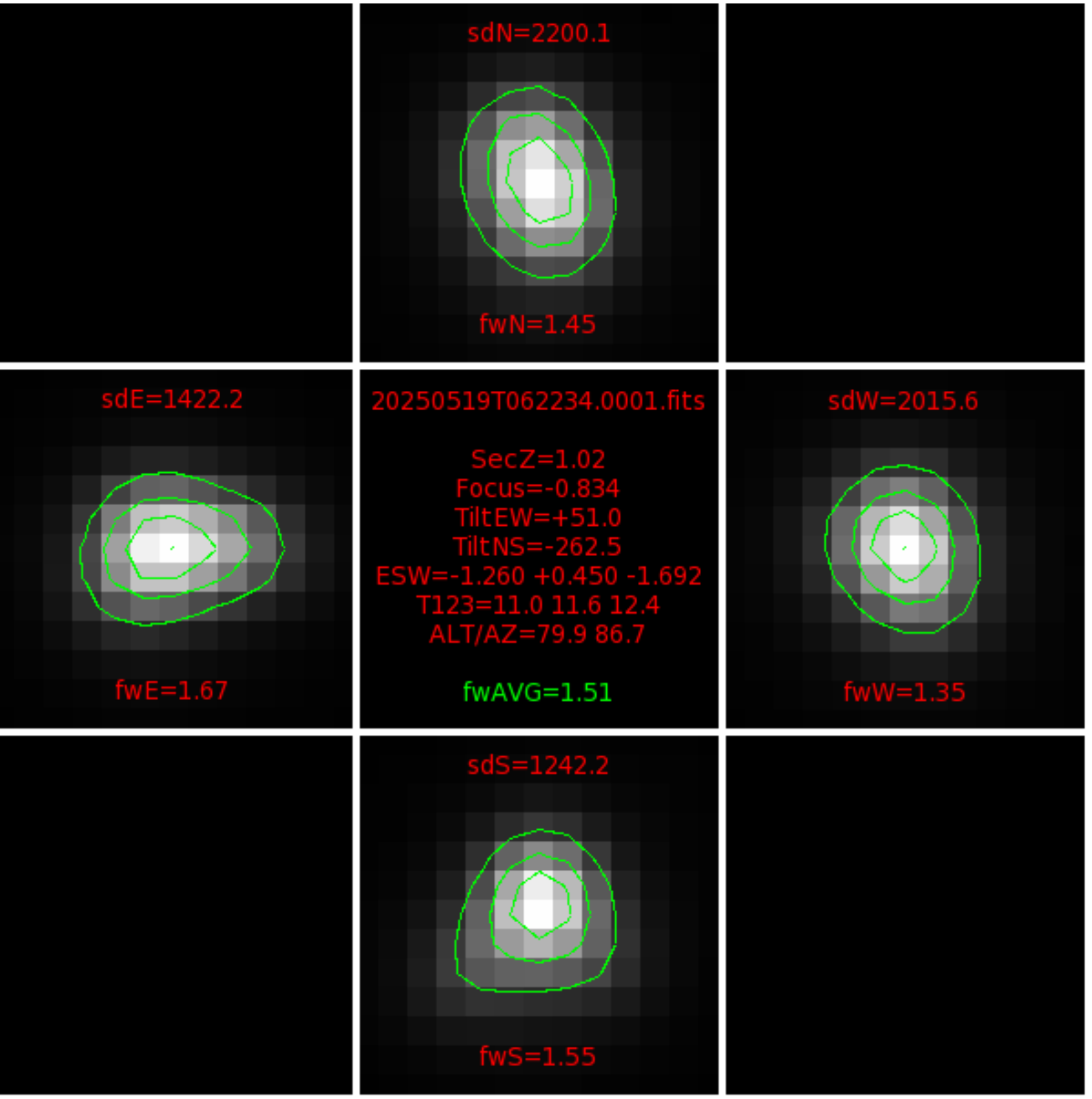
sdN=2200.1
fwN=1.45
sdE=1422.2
fwE=1.67
20250519T062234.0001.fits
SecZ=1.02
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=11.0 11.6 12.4
ALT/AZ=79.9 86.7
fwAVG=1.51
sdW=2015.6
fwW=1.35
sdS=1242.2
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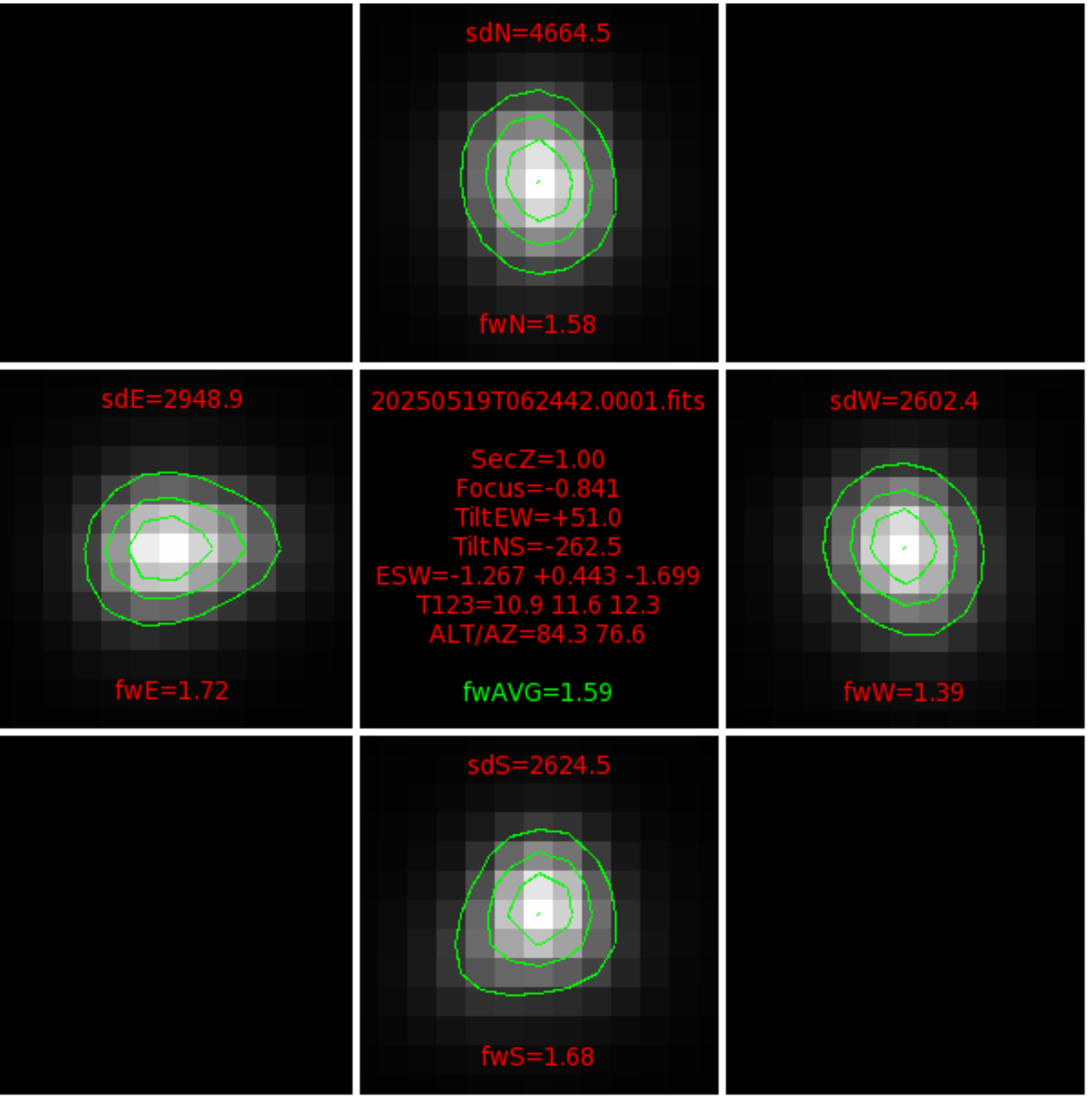
sdN=4664.5
fwN=1.58
sdE=2948.9
fwE=1.72
20250519T062442.0001.fits
SecZ=1.00
Focus=-0.841
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.267 +0.443 -1.699
T123=10.9 11.6 12.3
ALT/AZ=84.3 76.6
fwAVG=1.59
sdW=2602.4
fwW=1.39
sdS=2624.5
fwS=1.68
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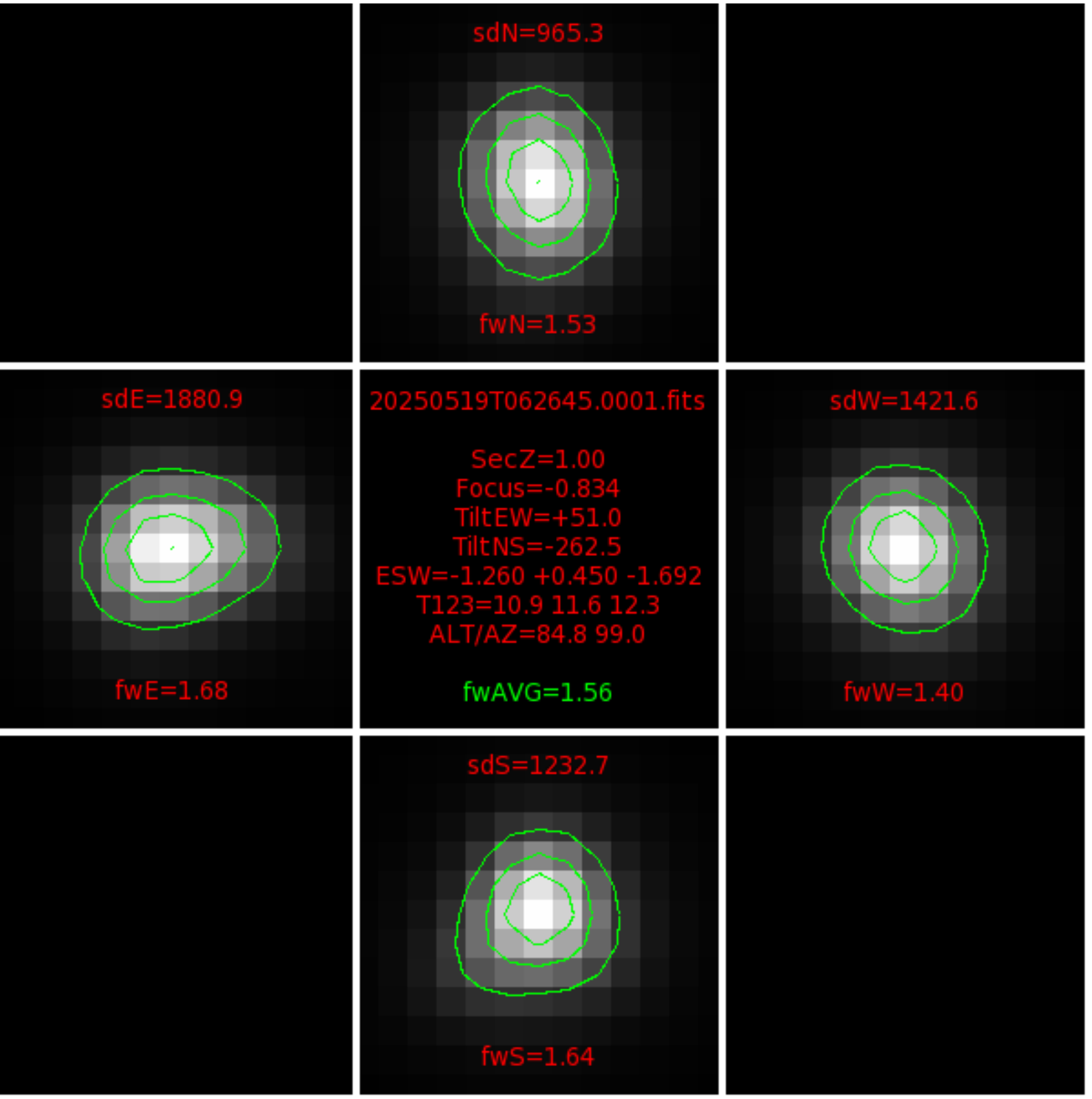
sdN=965.3
fwN=1.53
sdE=1880.9
fwE=1.68
20250519T062645.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.9 11.6 12.3
ALT/AZ=84.8 99.0
fwAVG=1.56
sdW=1421.6
fwW=1.40
sdS=1232.7
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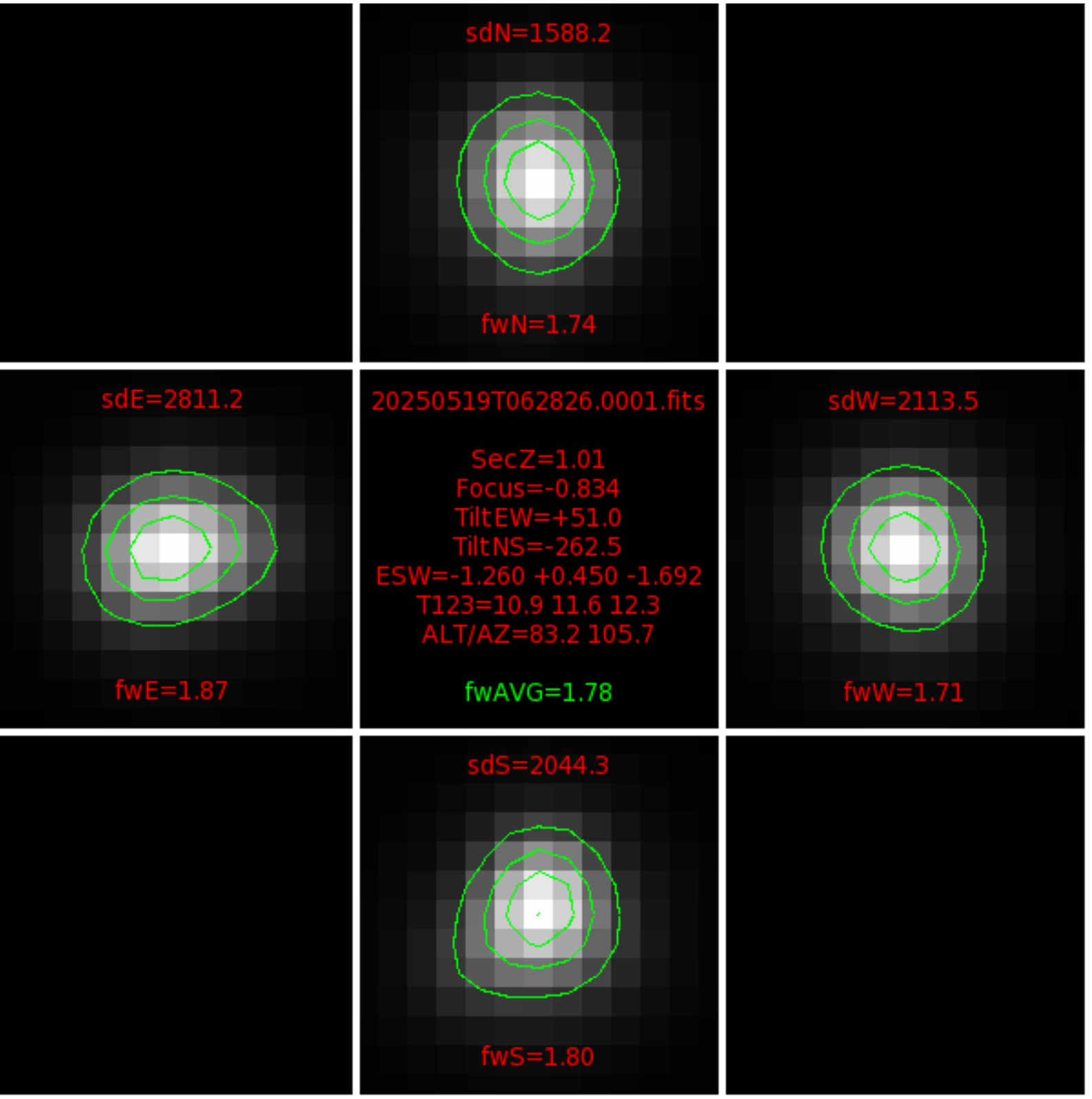
sdN=1588.2
fwN=1.74
sdE=2811.2
fwE=1.87
20250519T062826.0001.fits
SecZ=1.01
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.9 11.6 12.3
ALT/AZ=83.2 105.7
fwAVG=1.78
sdW=2113.5
fwW=1.71
sdS=2044.3
fwS=1.80
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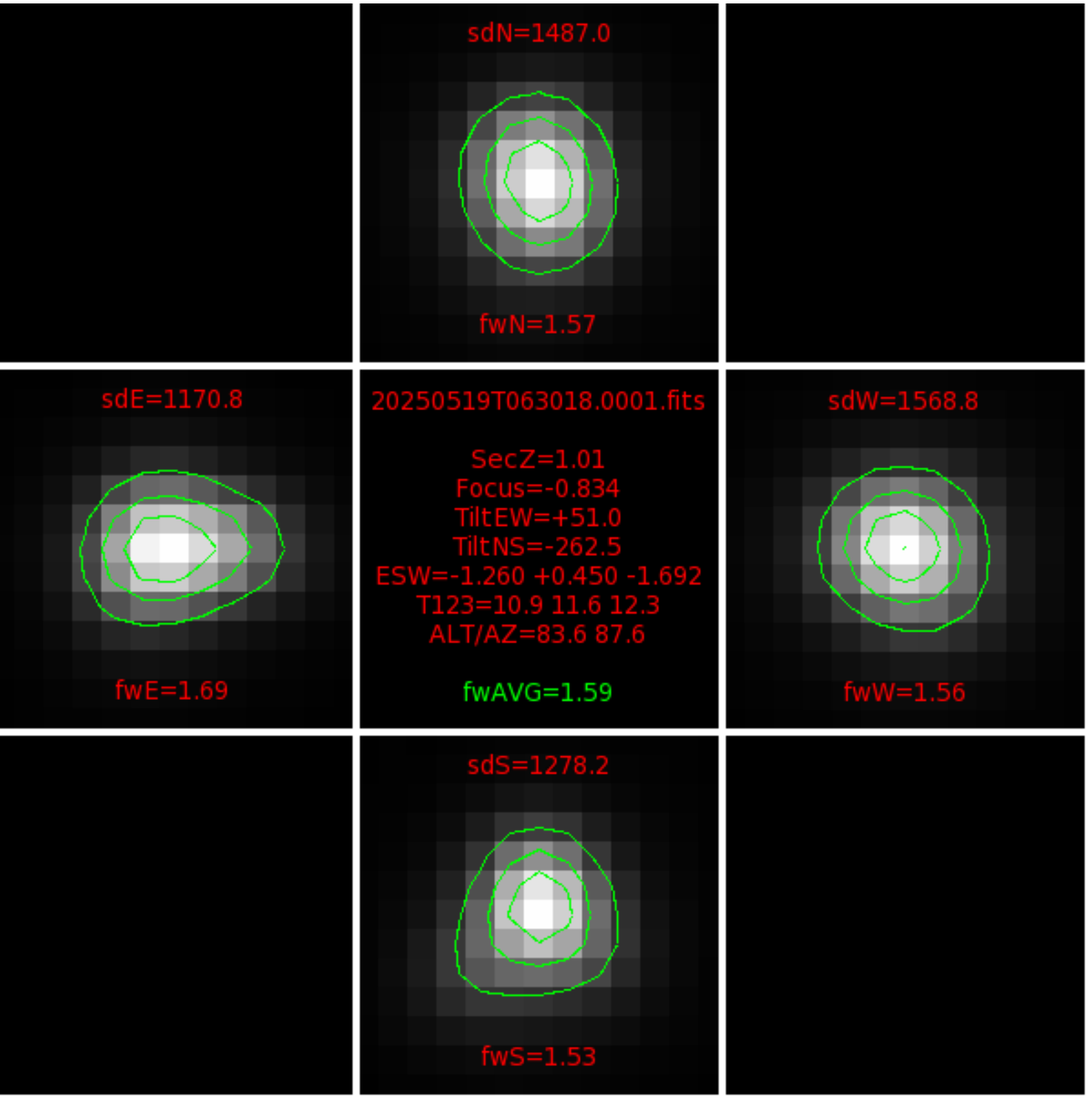
sdN=1487.0
fwN=1.57
sdE=1170.8
fwE=1.69
20250519T063018.0001.fits
SecZ=1.01
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.9 11.6 12.3
ALT/AZ=83.6 87.6
fwAVG=1.59
sdW=1568.8
fwW=1.56
sdS=1278.2
fwS=1.53
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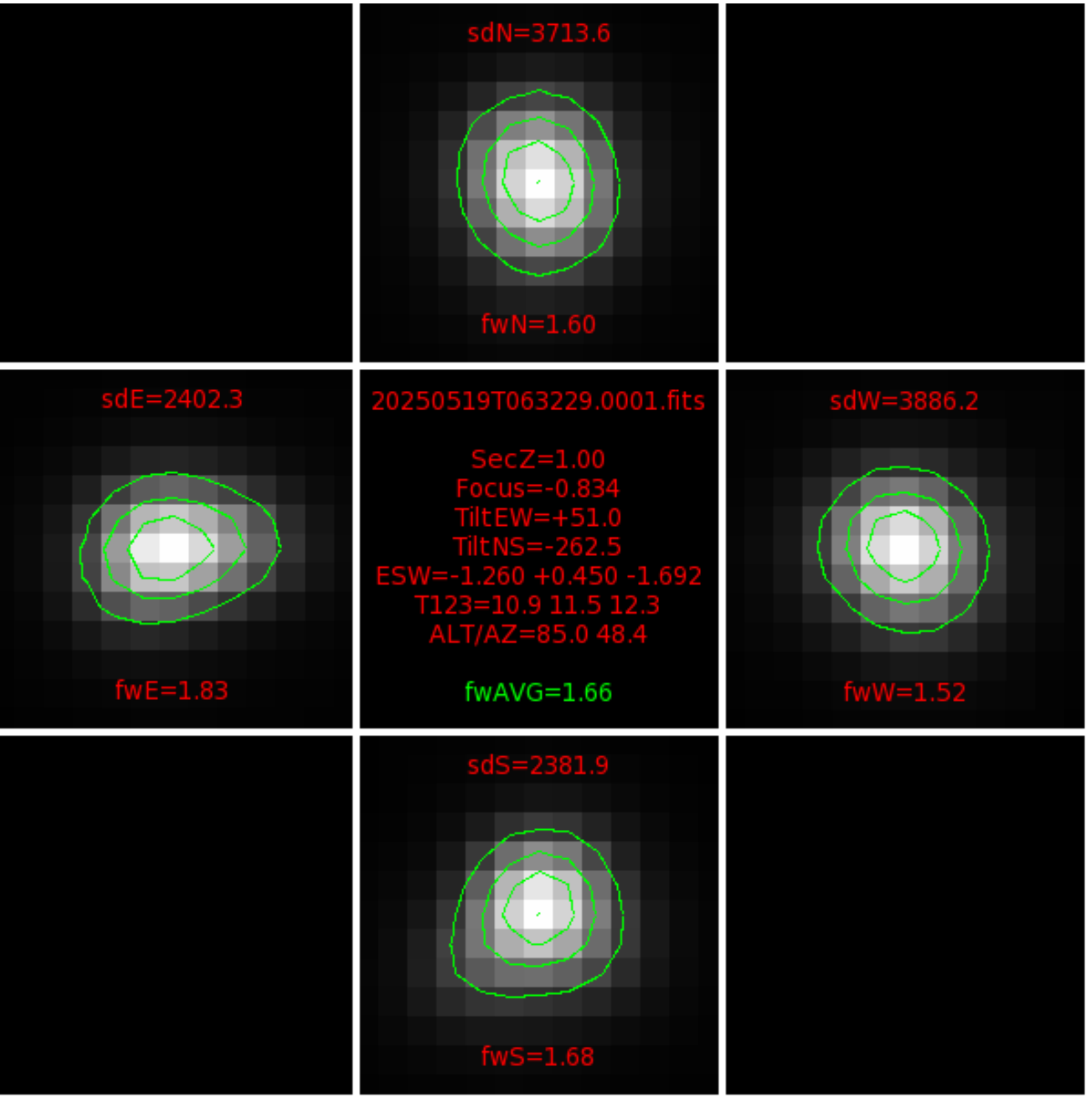
sdN=3713.6
fwN=1.60
sdE=2402.3
fwE=1.83
20250519T063229.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.9 11.5 12.3
ALT/AZ=85.0 48.4
fwAVG=1.66
sdW=3886.2
fwW=1.52
sdS=2381.9
fwS=1.68
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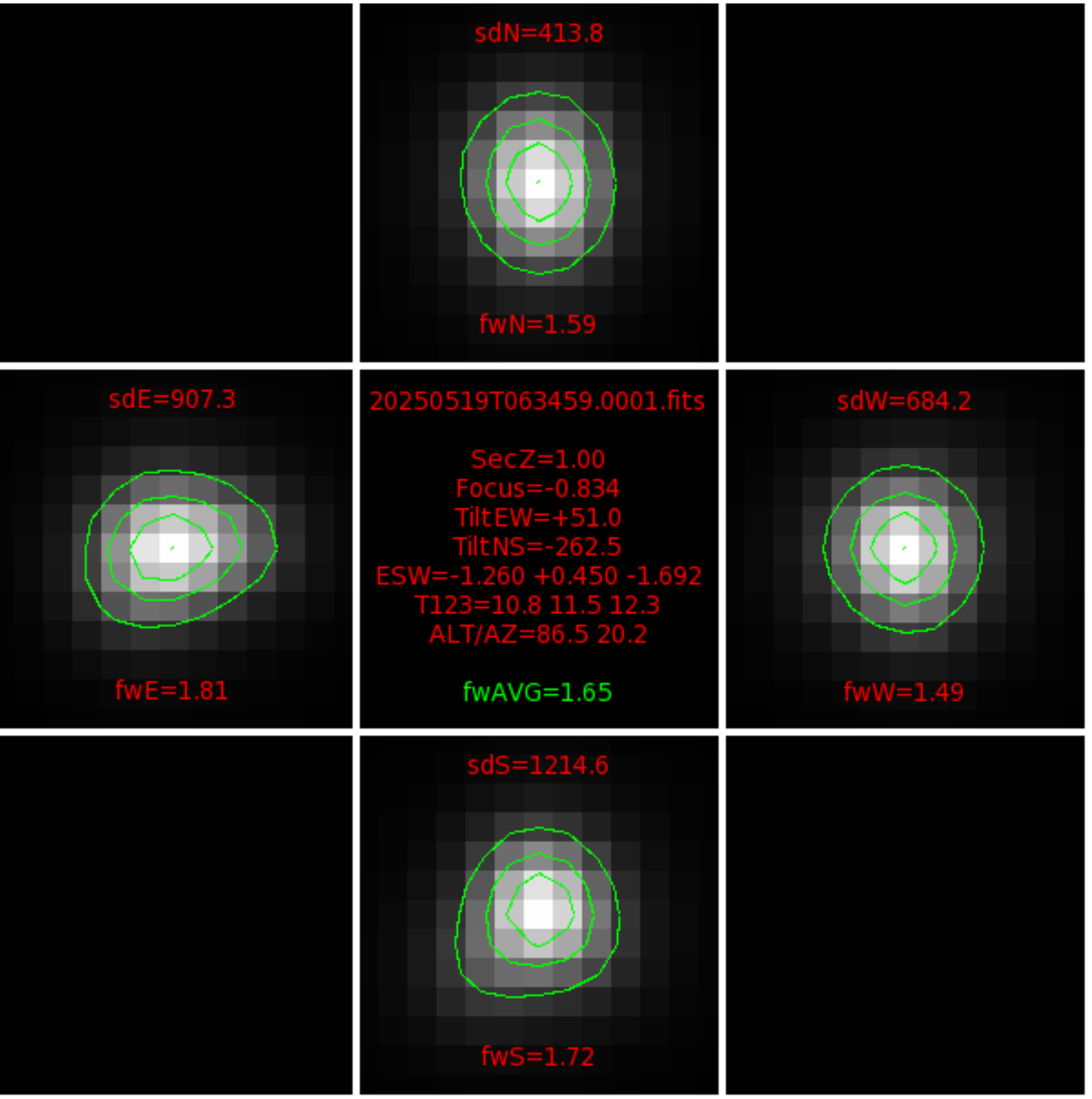
sdN=413.8
fwN=1.59
sdE=907.3
fwE=1.81
20250519T063459.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.8 11.5 12.3
ALT/AZ=86.5 20.2
fwAVG=1.65
sdW=684.2
fwW=1.49
sdS=1214.6
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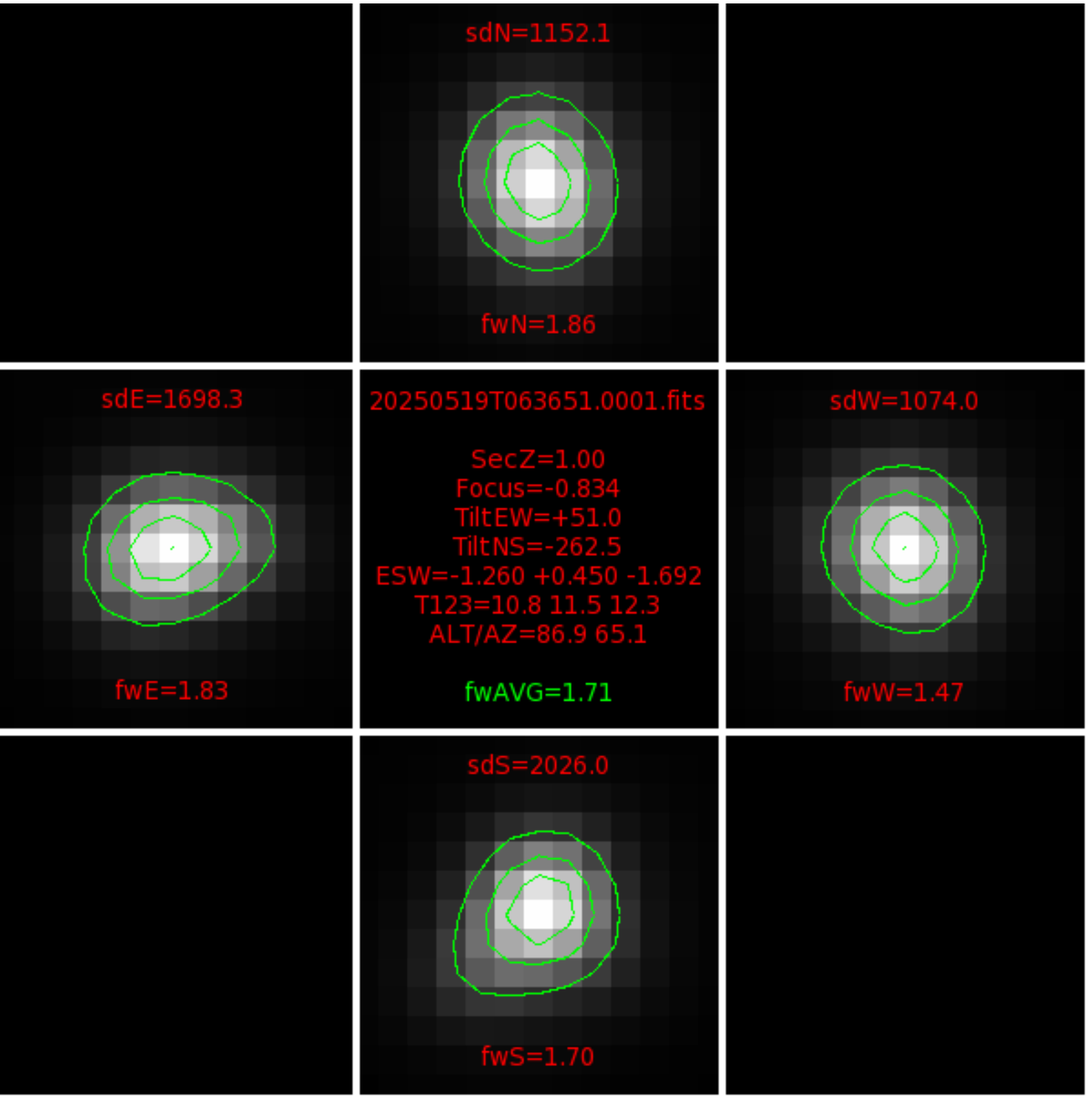
sdN=1152.1
fwN=1.86
sdE=1698.3
fwE=1.83
20250519T063651.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.8 11.5 12.3
ALT/AZ=86.9 65.1
fwAVG=1.71
sdW=1074.0
fwW=1.47
sdS=2026.0
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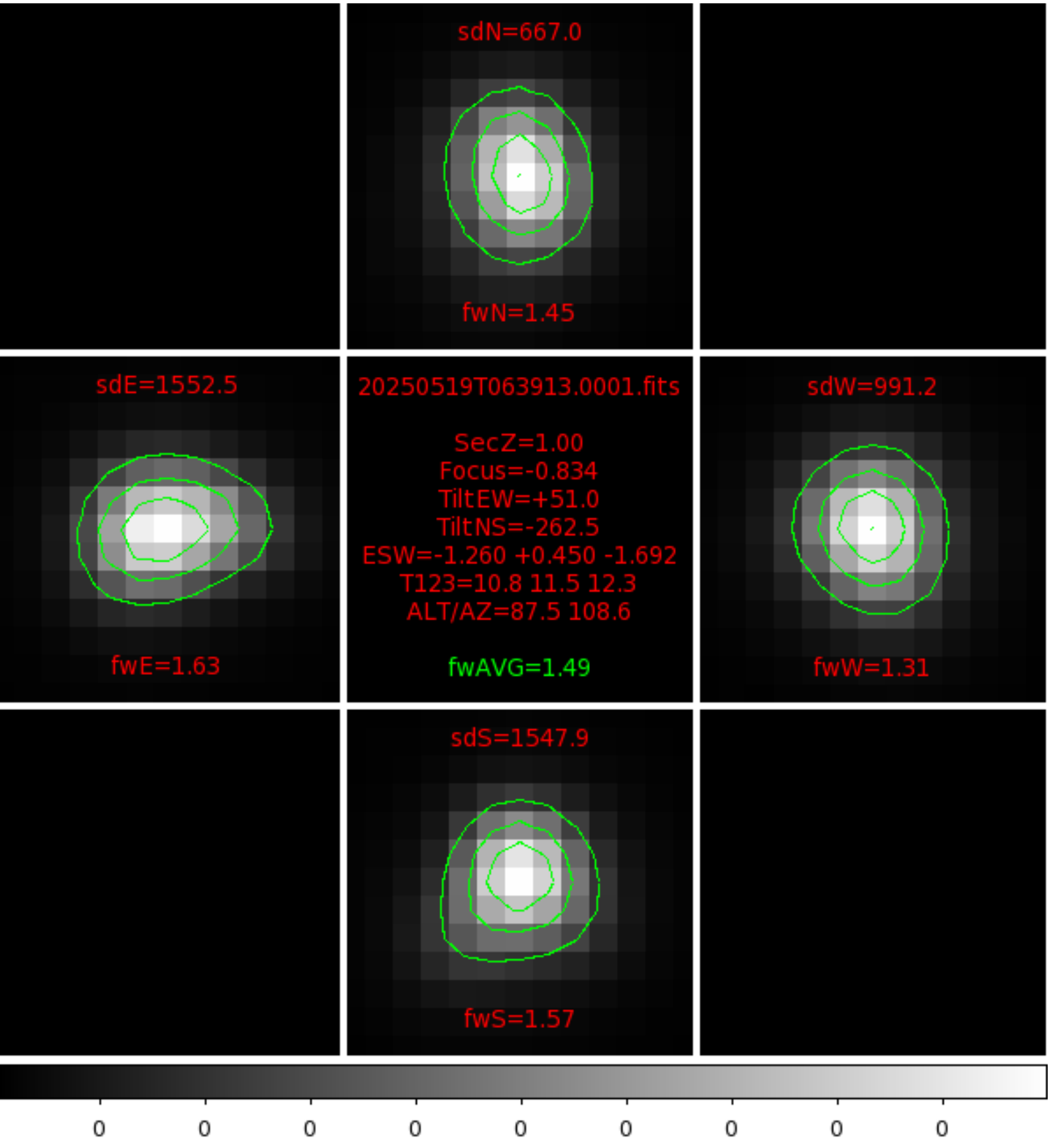
sdN=667.0
fwN=1.45
sdE=1552.5
fwE=1.63
20250519T063913.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.8 11.5 12.3
ALT/AZ=87.5 108.6
fwAVG=1.49
sdW=991.2
fwW=1.31
sdS=1547.9
fwS=1.57
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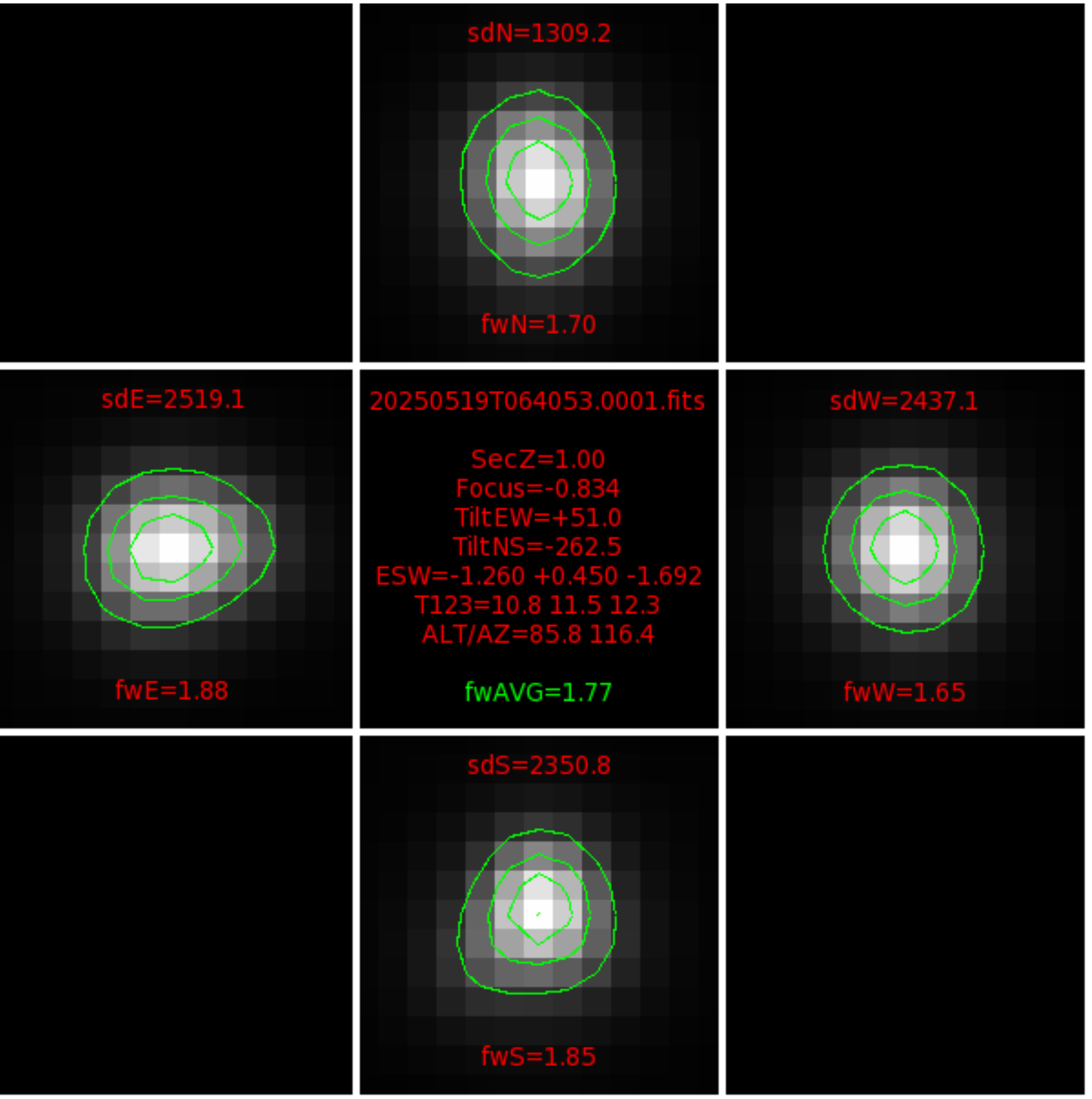
sdN=1309.2
fwN=1.70
sdE=2519.1
fwE=1.88
20250519T064053.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.8 11.5 12.3
ALT/AZ=85.8 116.4
fwAVG=1.77
sdW=2437.1
fwW=1.65
sdS=2350.8
fwS=1.85
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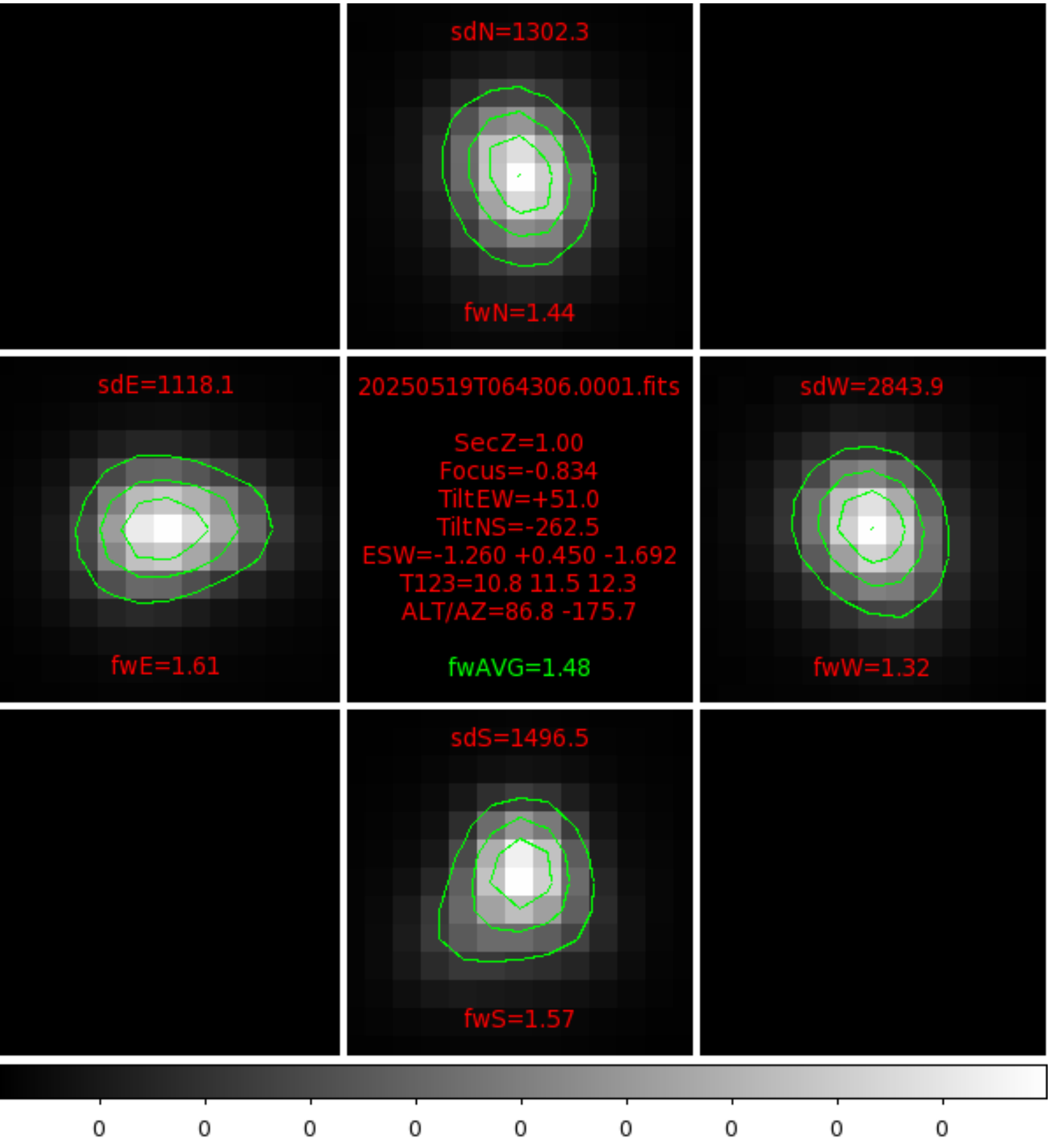
sdN=1302.3
fwN=1.44
sdE=1118.1
fwE=1.61
20250519T064306.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.8 11.5 12.3
ALT/AZ=86.8 -175.7
fwAVG=1.48
sdW=2843.9
fwW=1.32
sdS=1496.5
fwS=1.57
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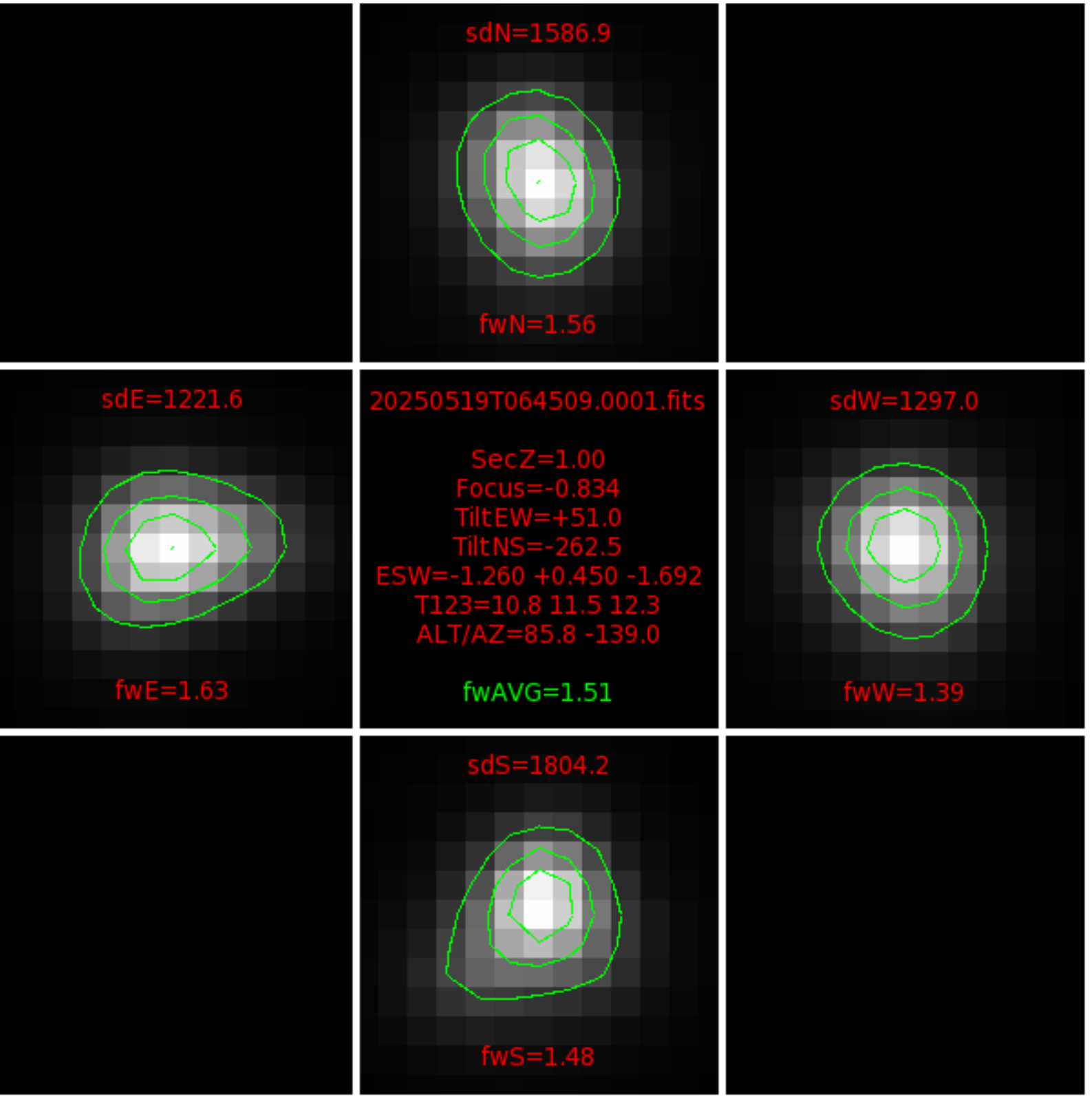
sdN=1586.9
fwN=1.56
sdE=1221.6
fwE=1.63
20250519T064509.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.8 11.5 12.3
ALT/AZ=85.8 -139.0
fwAVG=1.51
sdW=1297.0
fwW=1.39
sdS=1804.2
fwS=1.48
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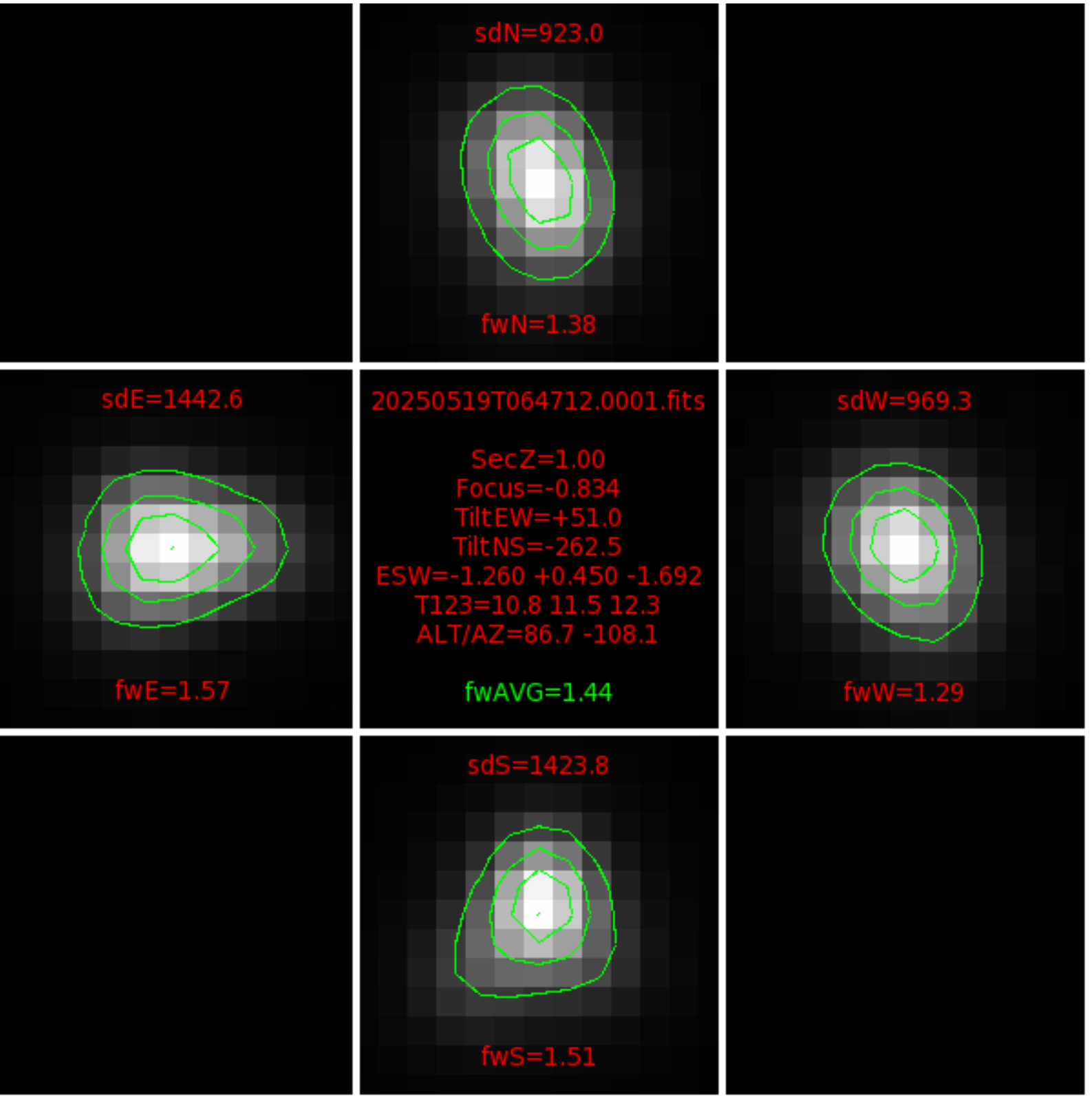
sdN=923.0
fwN=1.38
sdE=1442.6
fwE=1.57
20250519T064712.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.8 11.5 12.3
ALT/AZ=86.7 -108.1
fwAVG=1.44
sdW=969.3
fwW=1.29
sdS=1423.8
fwS=1.51
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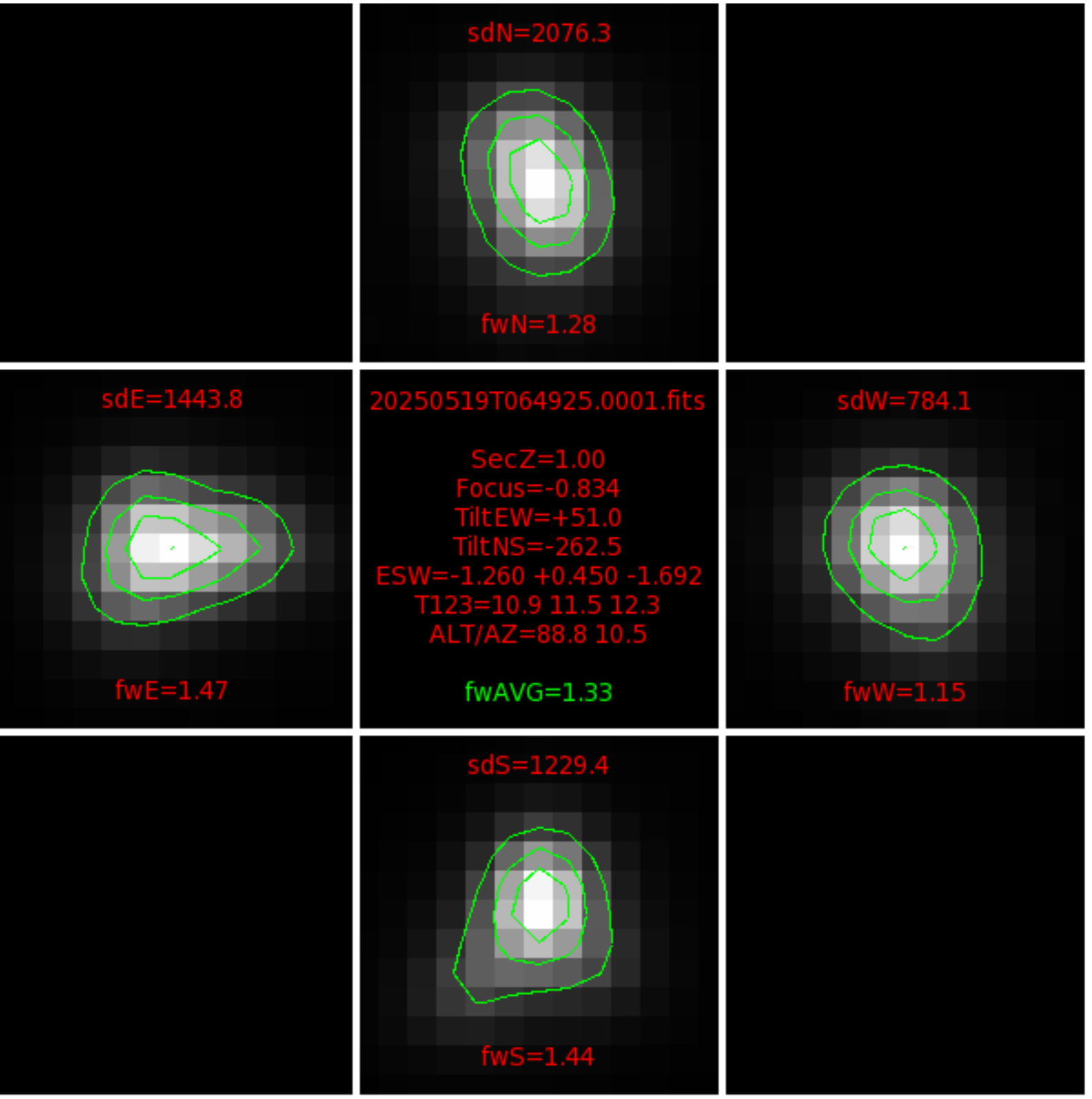
sdN=2076.3
fwN=1.28
sdE=1443.8
fwE=1.47
20250519T064925.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.9 11.5 12.3
ALT/AZ=88.8 10.5
fwAVG=1.33
sdW=784.1
fwW=1.15
sdS=1229.4
fwS=1.44
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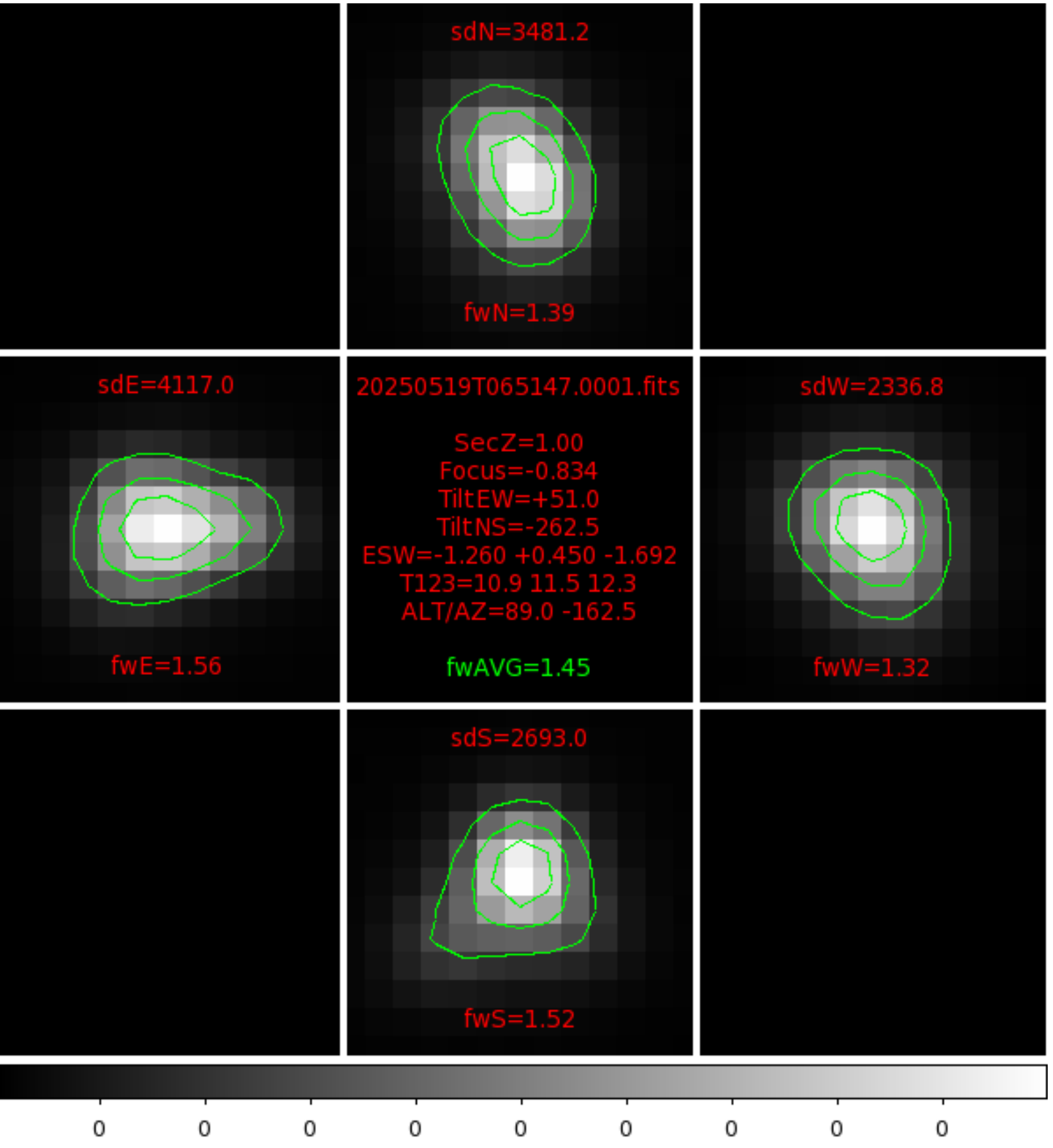
sdN=3481.2
fwN=1.39
sdE=4117.0
fwE=1.56
20250519T065147.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.9 11.5 12.3
ALT/AZ=89.0 -162.5
fwAVG=1.45
sdW=2336.8
fwW=1.32
sdS=2693.0
fwS=1.52
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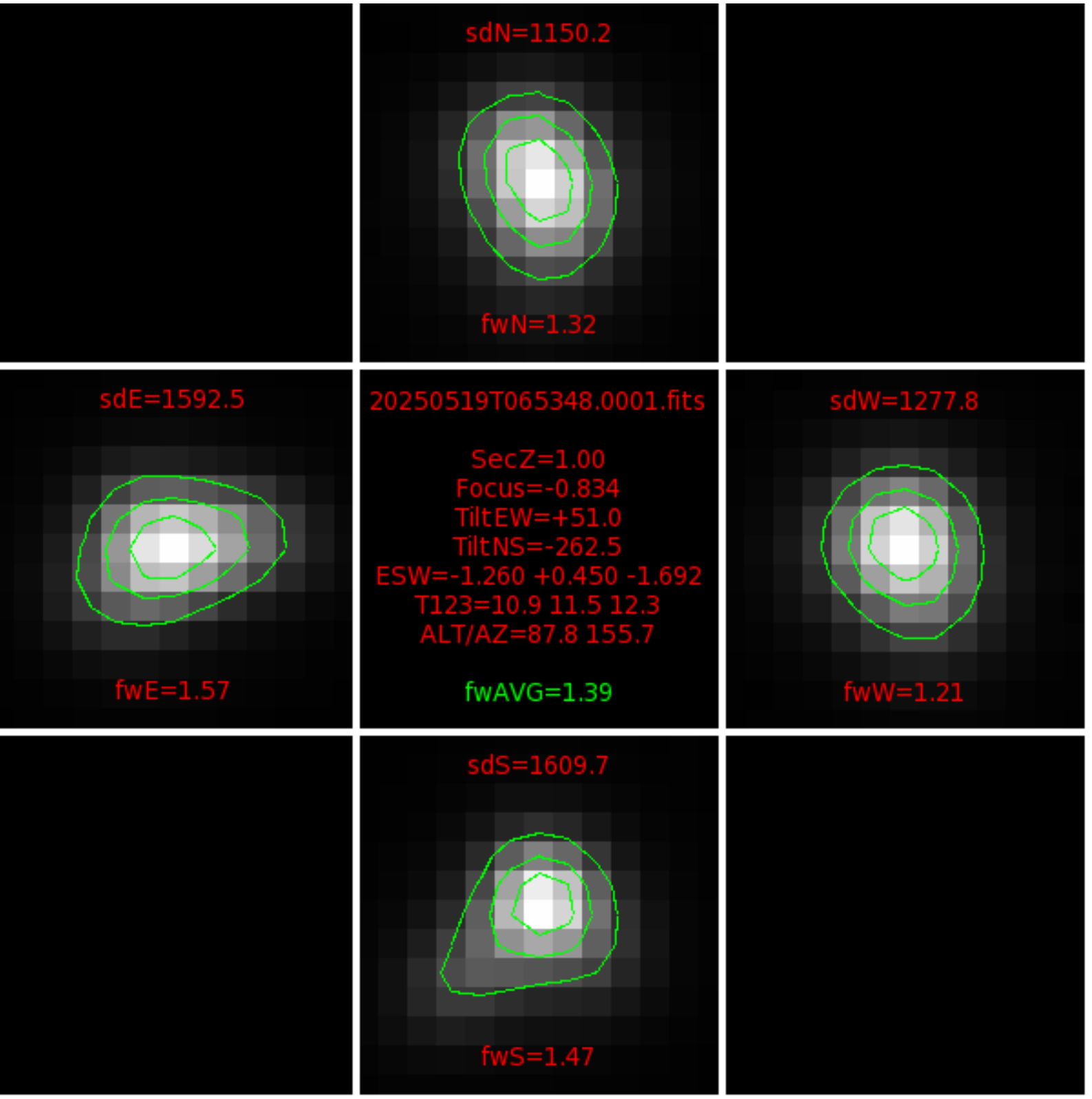
sdN=1150.2
fwN=1.32
sdE=1592.5
fwE=1.57
20250519T065348.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.9 11.5 12.3
ALT/AZ=87.8 155.7
fwAVG=1.39
sdW=1277.8
fwW=1.21
sdS=1609.7
fwS=1.47
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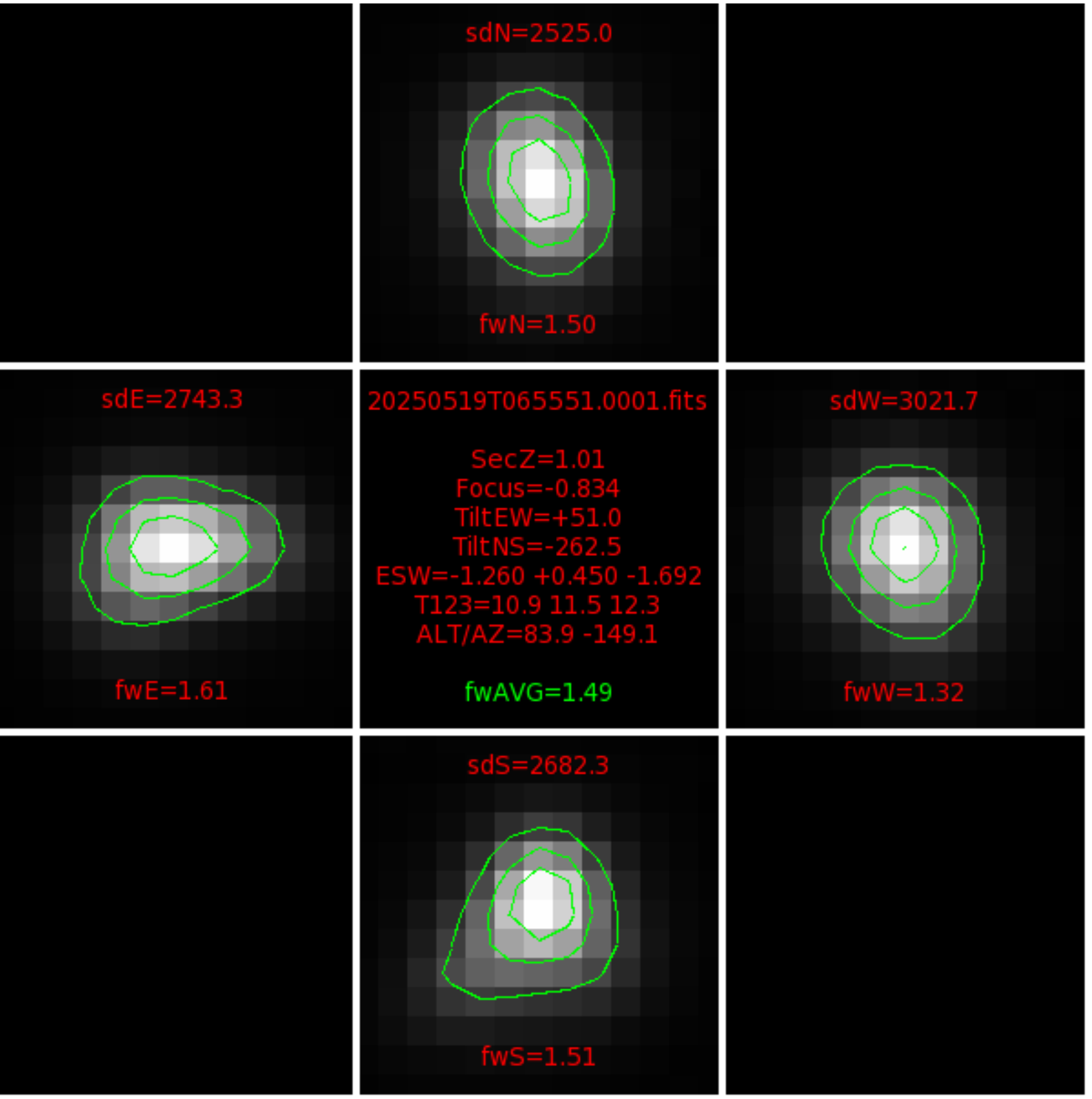
sdN=2525.0
fwN=1.50
sdE=2743.3
fwE=1.61
20250519T065551.0001.fits
SecZ=1.01
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.9 11.5 12.3
ALT/AZ=83.9 -149.1
fwAVG=1.49
sdW=3021.7
fwW=1.32
sdS=2682.3
fwS=1.51
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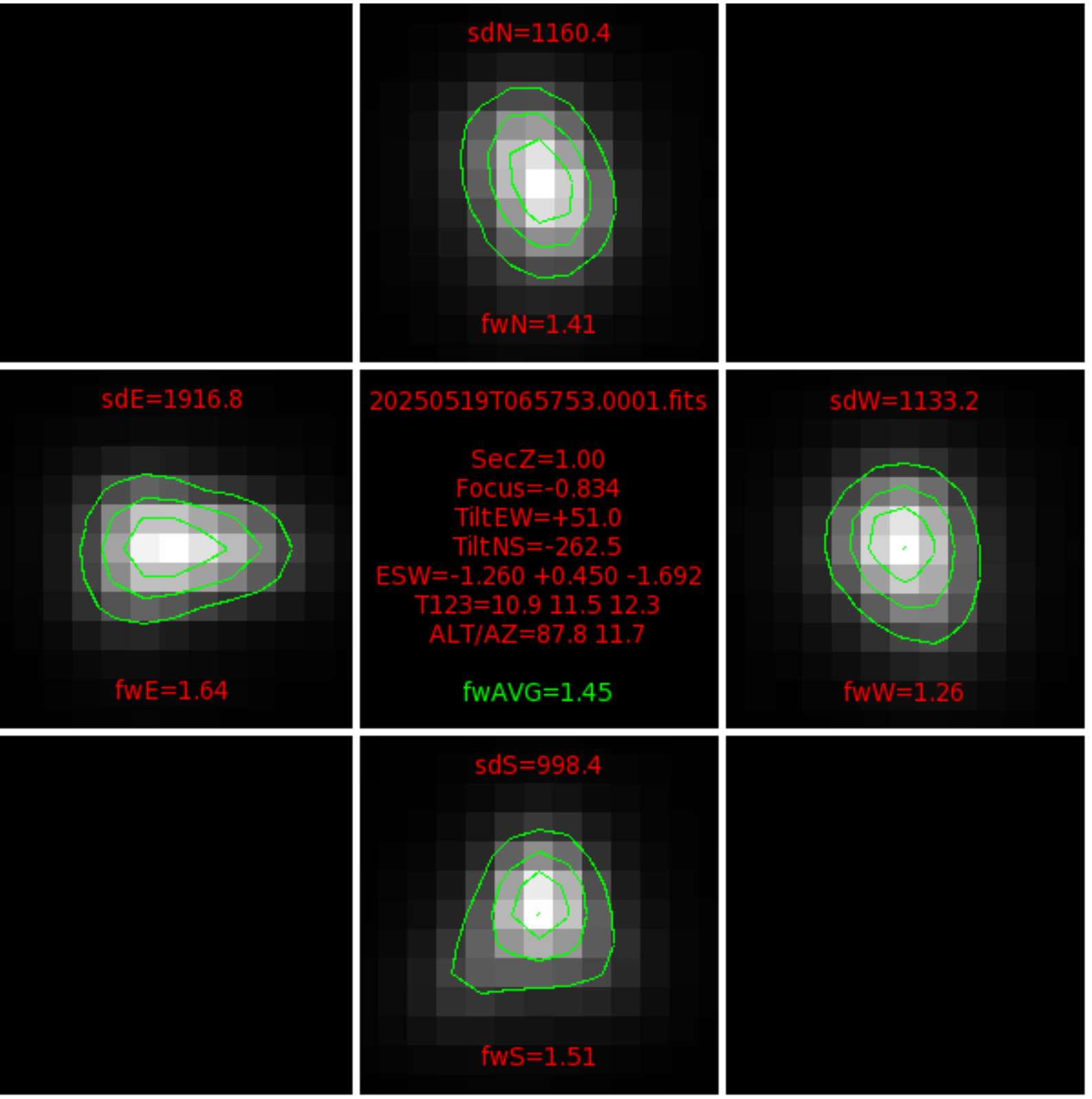
sdN=1160.4
fwN=1.41
sdE=1916.8
fwE=1.64
20250519T065753.0001.fits
SecZ=1.00
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.9 11.5 12.3
ALT/AZ=87.8 11.7
fwAVG=1.45
sdW=1133.2
fwW=1.26
sdS=998.4
fwS=1.51
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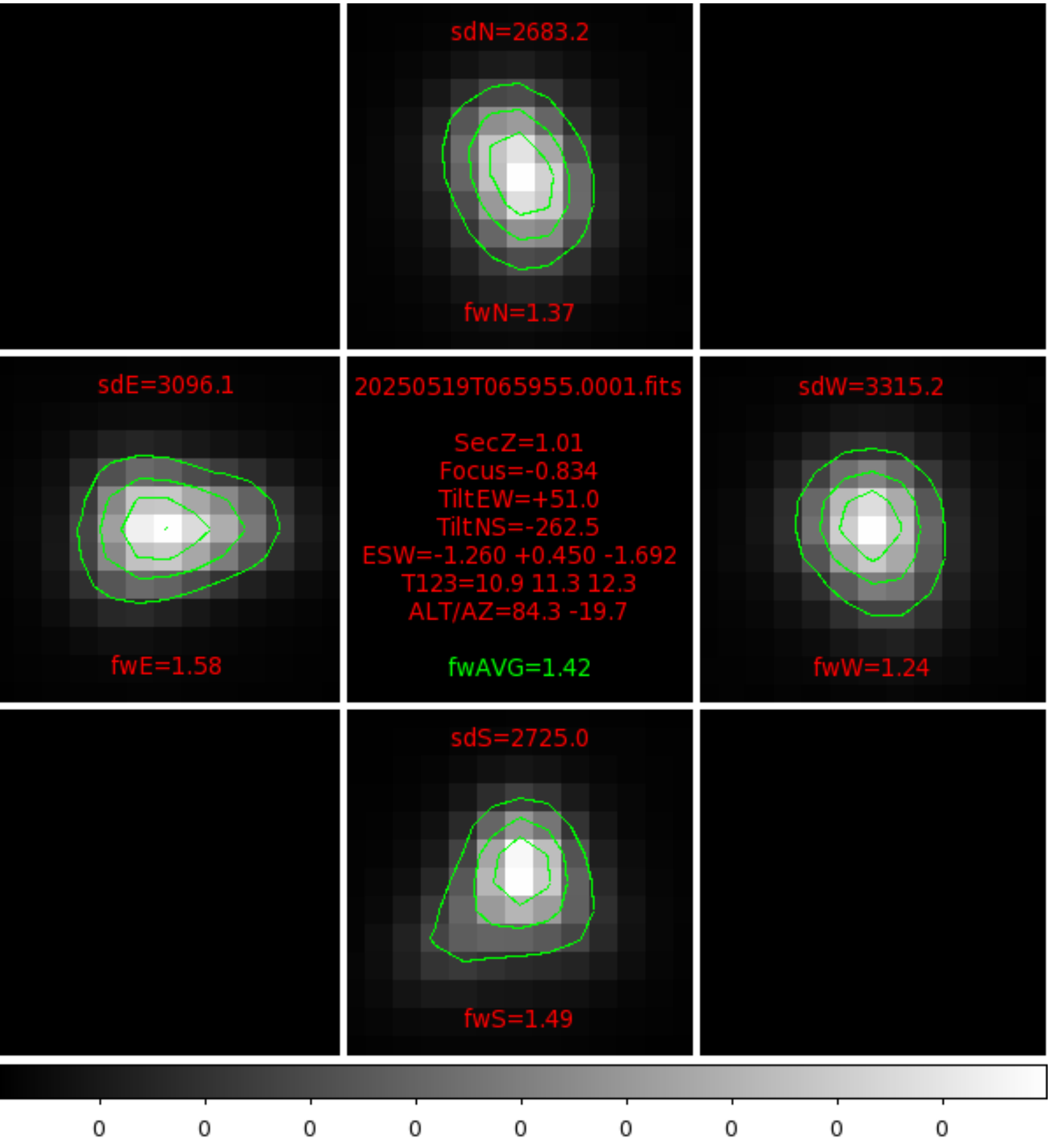
sdN=2683.2
fwN=1.37
sdE=3096.1
fwE=1.58
20250519T065955.0001.fits
SecZ=1.01
Focus=-0.834
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.260 +0.450 -1.692
T123=10.9 11.3 12.3
ALT/AZ=84.3 -19.7
fwAVG=1.42
sdW=3315.2
fwW=1.24
sdS=2725.0
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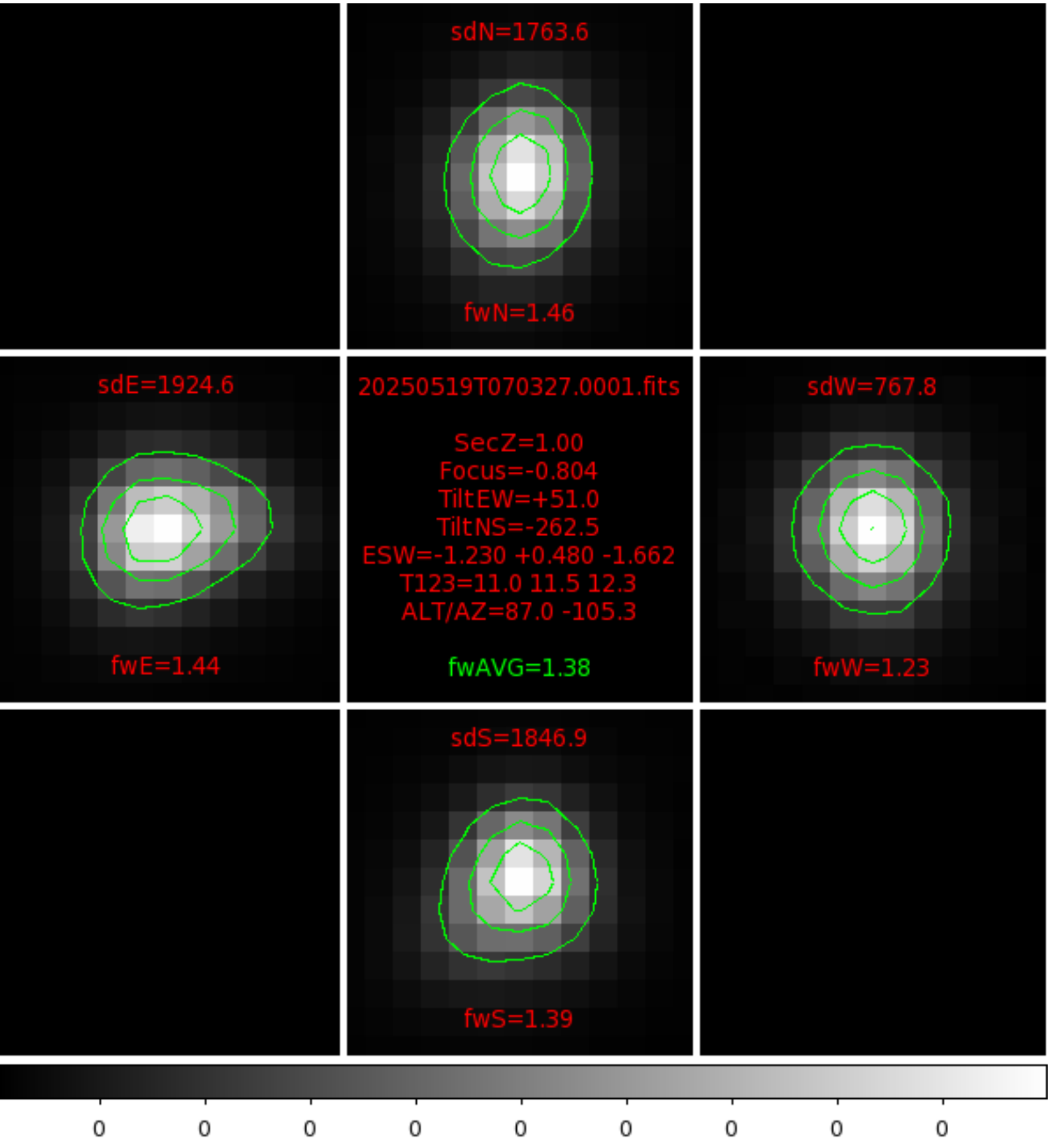
sdN=1763.6
fwN=1.46
sdE=1924.6
fwE=1.44
20250519T070327.0001.fits
SecZ=1.00
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.0 11.5 12.3
ALT/AZ=87.0 -105.3
fwAVG=1.38
sdW=767.8
fwW=1.23
sdS=1846.9
fwS=1.39
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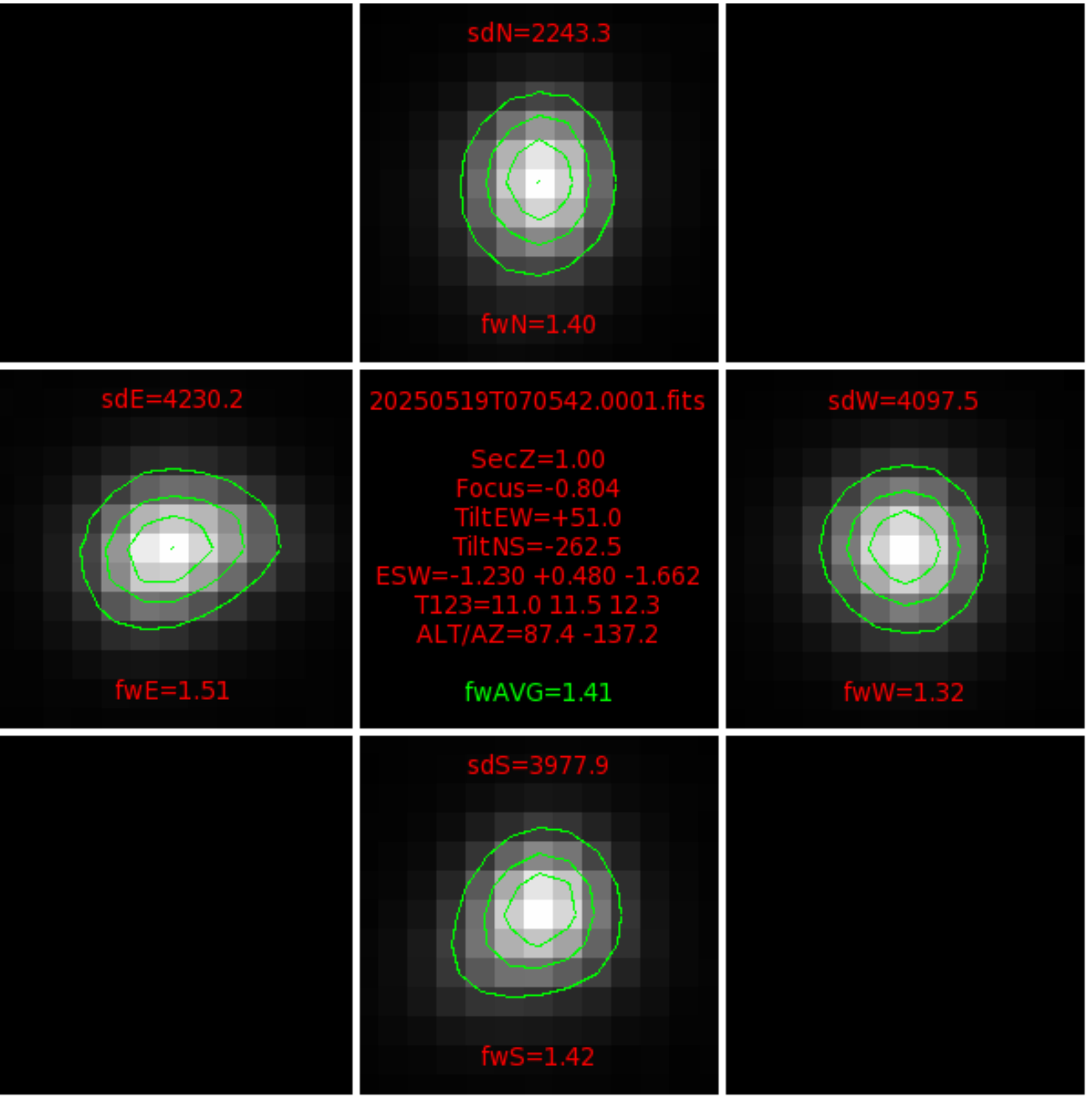
sdN=2243.3
fwN=1.40
sdE=4230.2
fwE=1.51
20250519T070542.0001.fits
SecZ=1.00
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.0 11.5 12.3
ALT/AZ=87.4 -137.2
fwAVG=1.41
sdW=4097.5
fwW=1.32
sdS=3977.9
fwS=1.42
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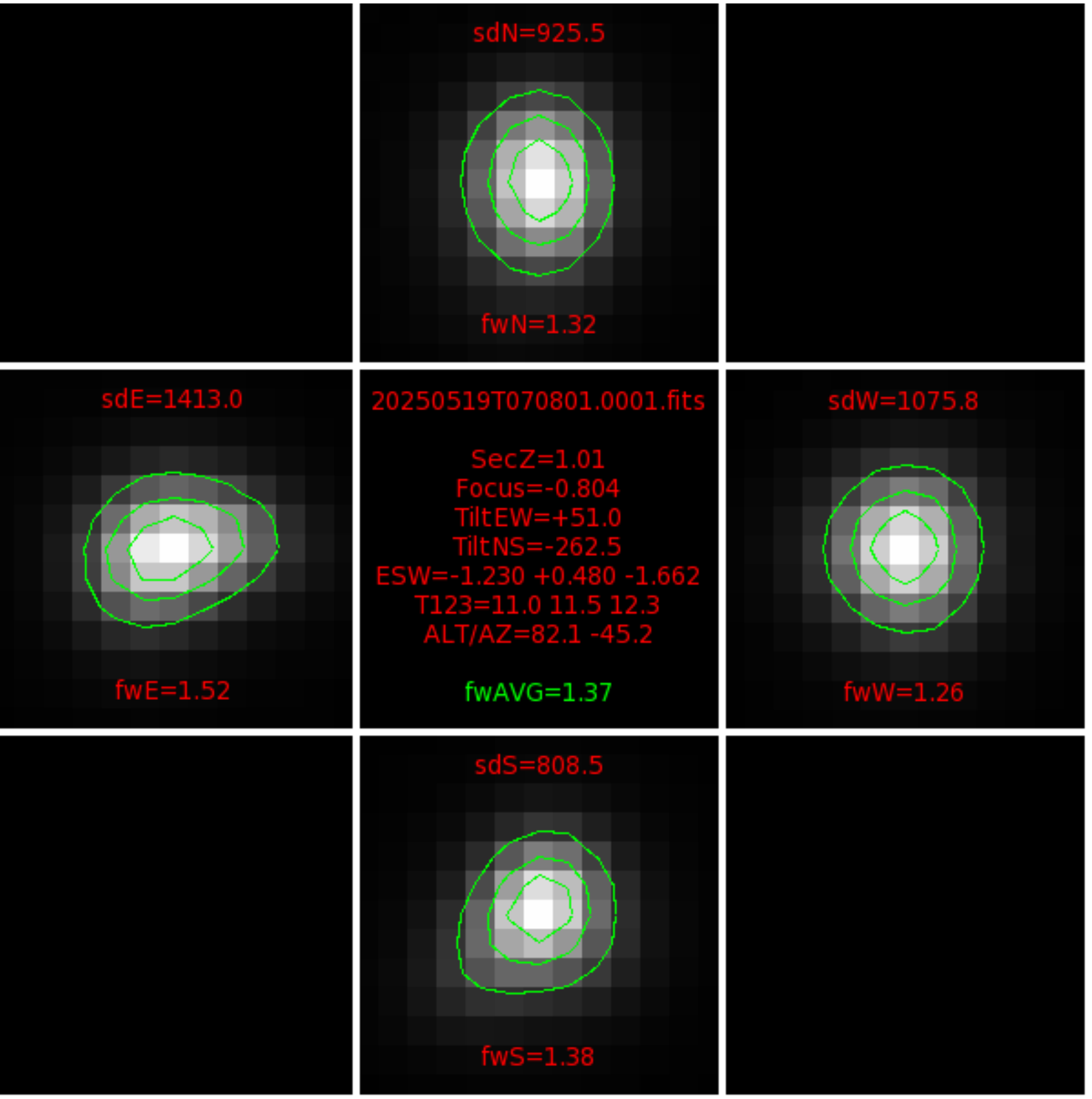
sdN=925.5
fwN=1.32
sdE=1413.0
fwE=1.52
20250519T070801.0001.fits
SecZ=1.01
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.0 11.5 12.3
ALT/AZ=82.1 -45.2
fwAVG=1.37
sdW=1075.8
fwW=1.26
sdS=808.5
fwS=1.38
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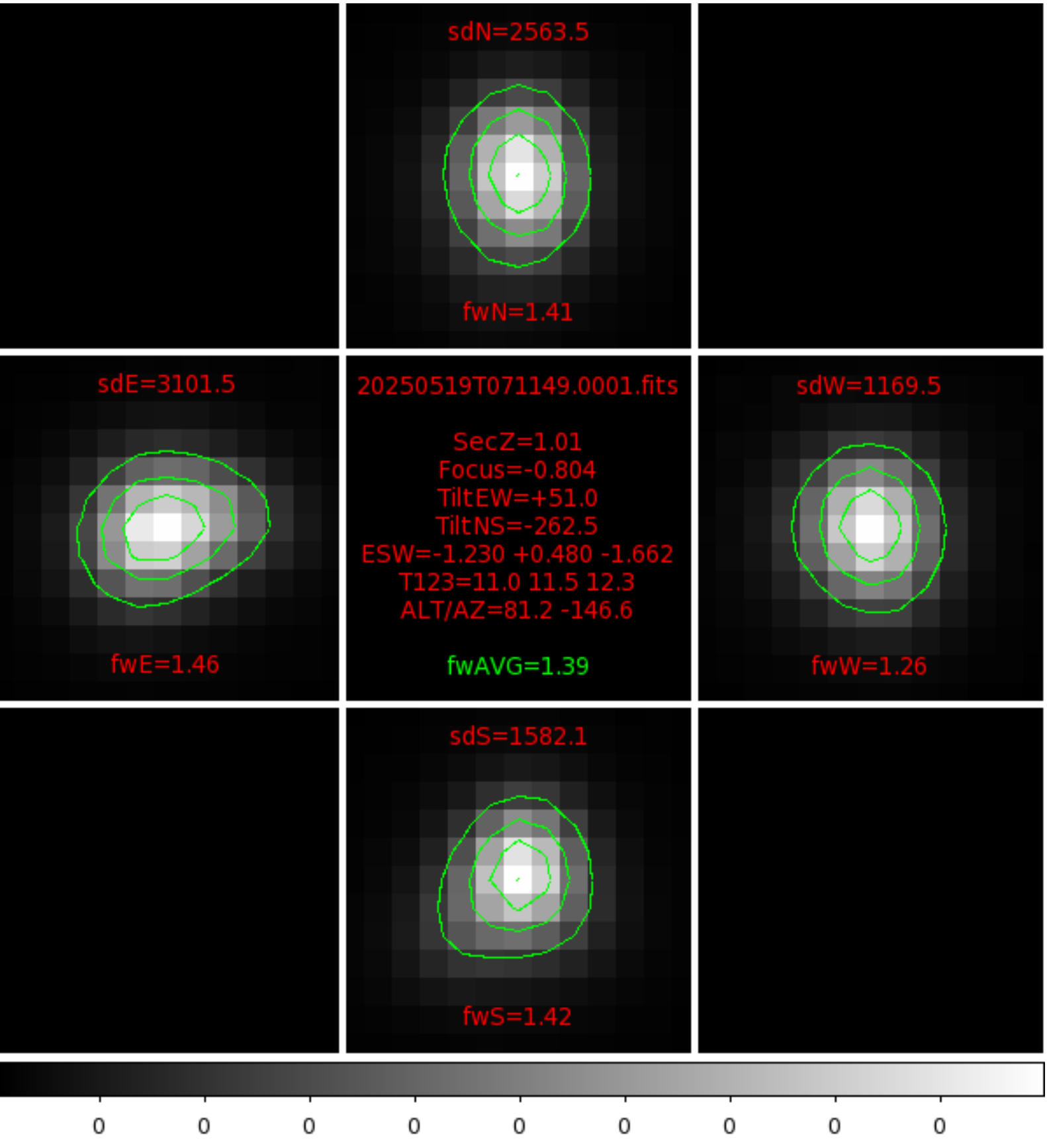
sdN=2563.5
fwN=1.41
sdE=3101.5
fwE=1.46
20250519T071149.0001.fits
SecZ=1.01
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.0 11.5 12.3
ALT/AZ=81.2 -146.6
fwAVG=1.39
sdW=1169.5
fwW=1.26
sdS=1582.1
fwS=1.42
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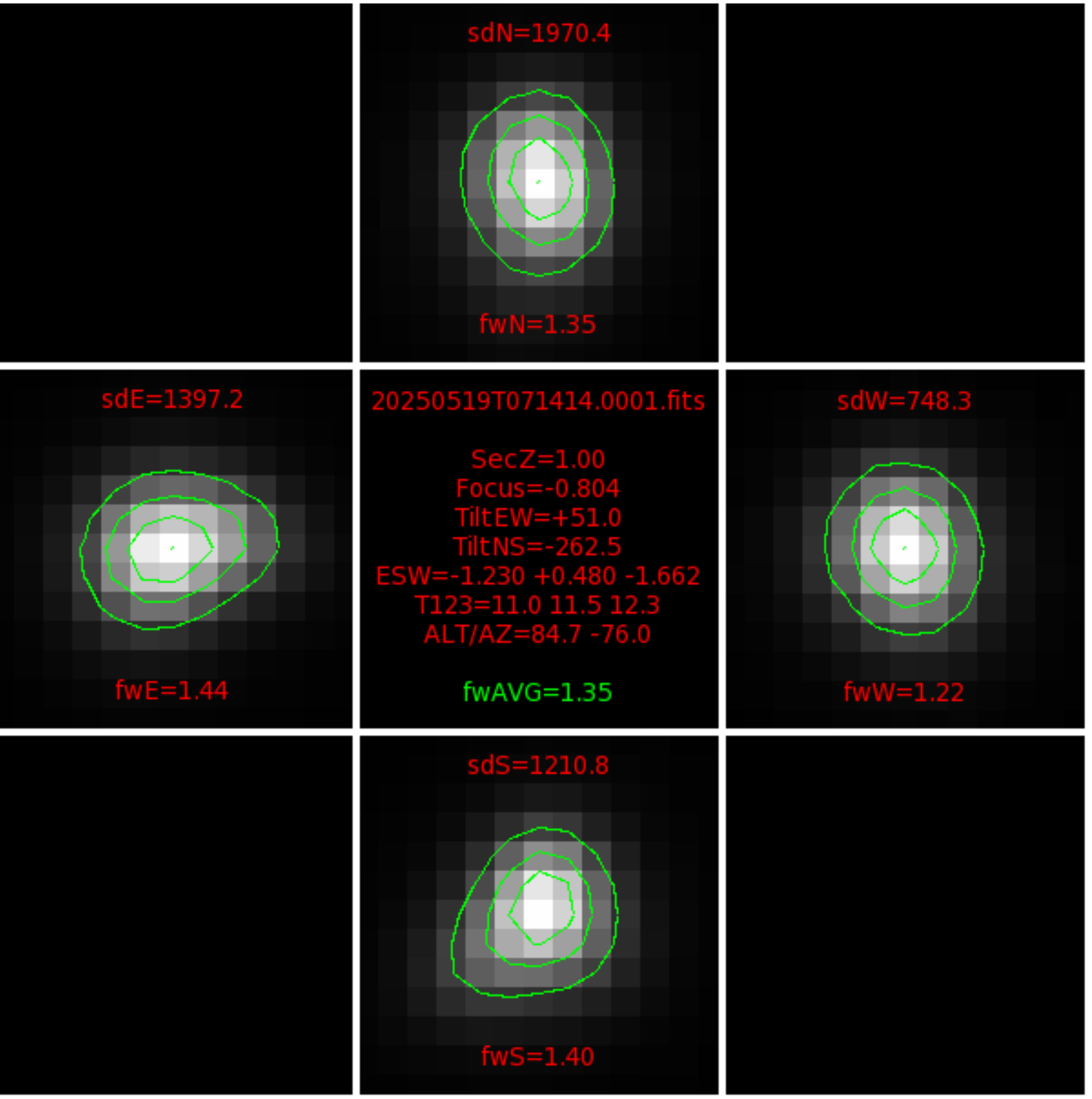
sdN=1970.4
fwN=1.35
sdE=1397.2
fwE=1.44
20250519T071414.0001.fits
SecZ=1.00
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.0 11.5 12.3
ALT/AZ=84.7 -76.0
fwAVG=1.35
sdW=748.3
fwW=1.22
sdS=1210.8
fwS=1.40
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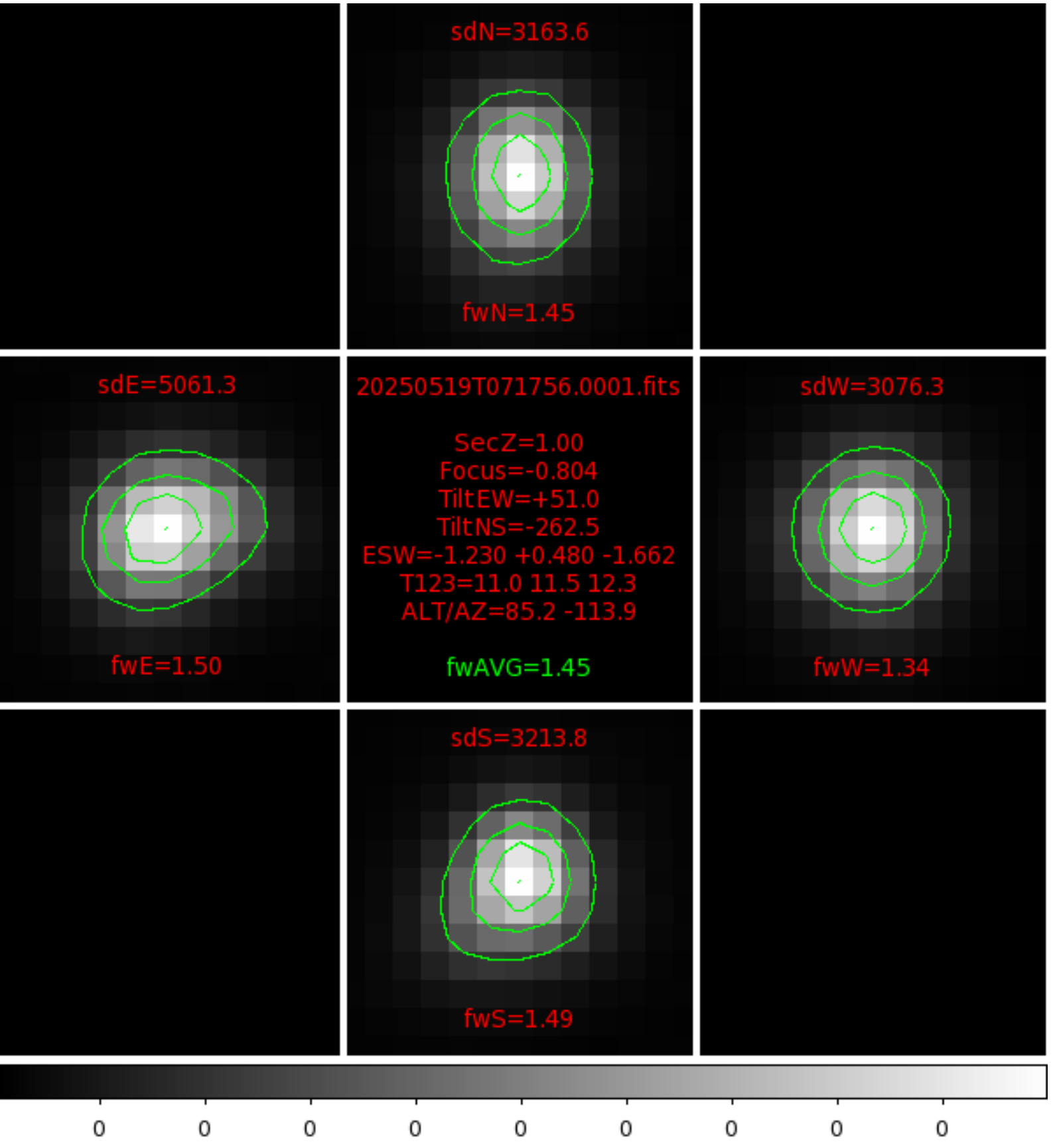
sdN=3163.6
fwN=1.45
sdE=5061.3
fwE=1.50
20250519T071756.0001.fits
SecZ=1.00
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.0 11.5 12.3
ALT/AZ=85.2 -113.9
fwAVG=1.45
sdW=3076.3
fwW=1.34
sdS=3213.8
fwS=1.49
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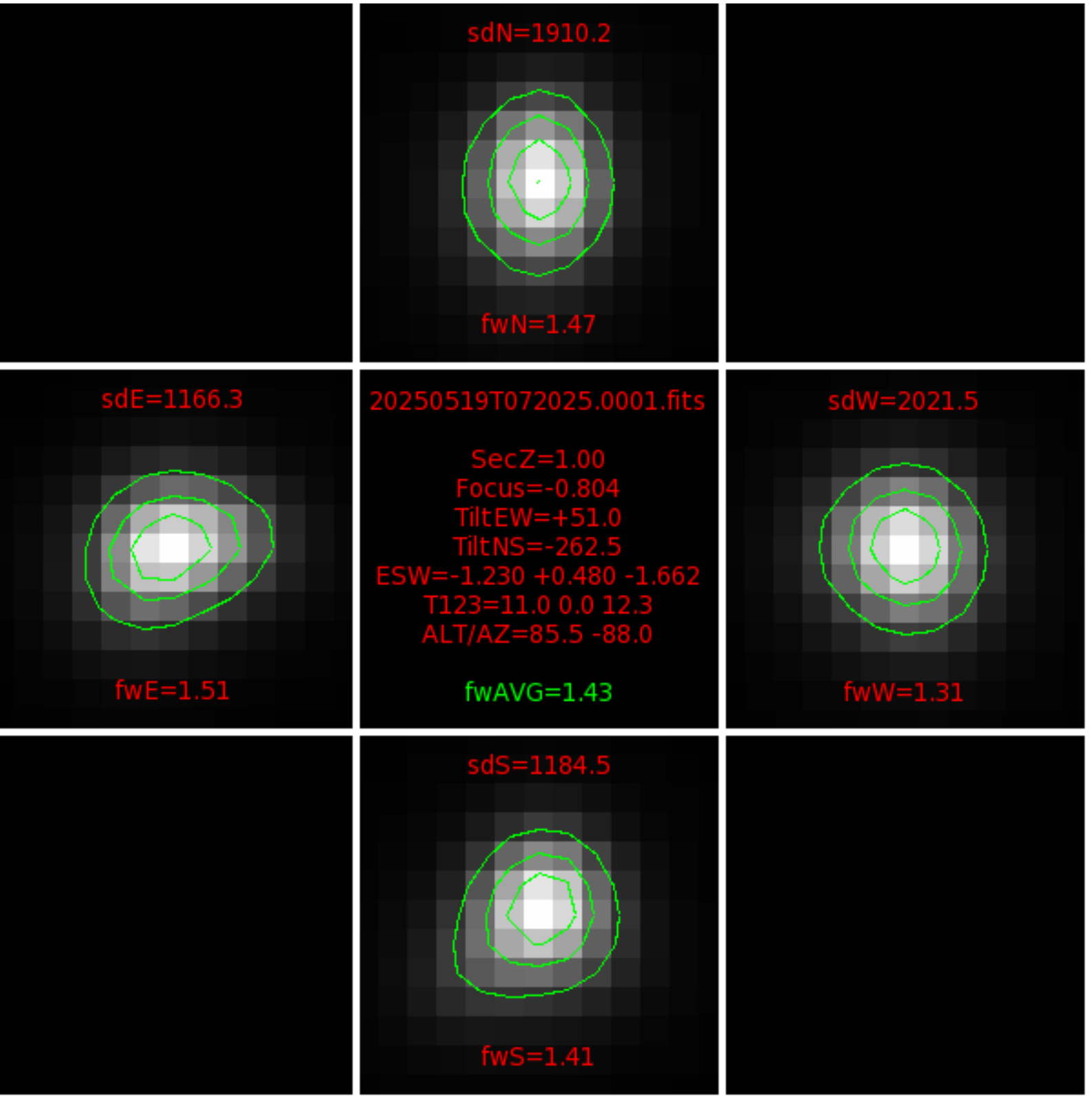
sdN=1910.2
fwN=1.47
sdE=1166.3
fwE=1.51
20250519T072025.0001.fits
SecZ=1.00
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.0 0.0 12.3
ALT/AZ=85.5 -88.0
fwAVG=1.43
sdW=2021.5
fwW=1.31
sdS=1184.5
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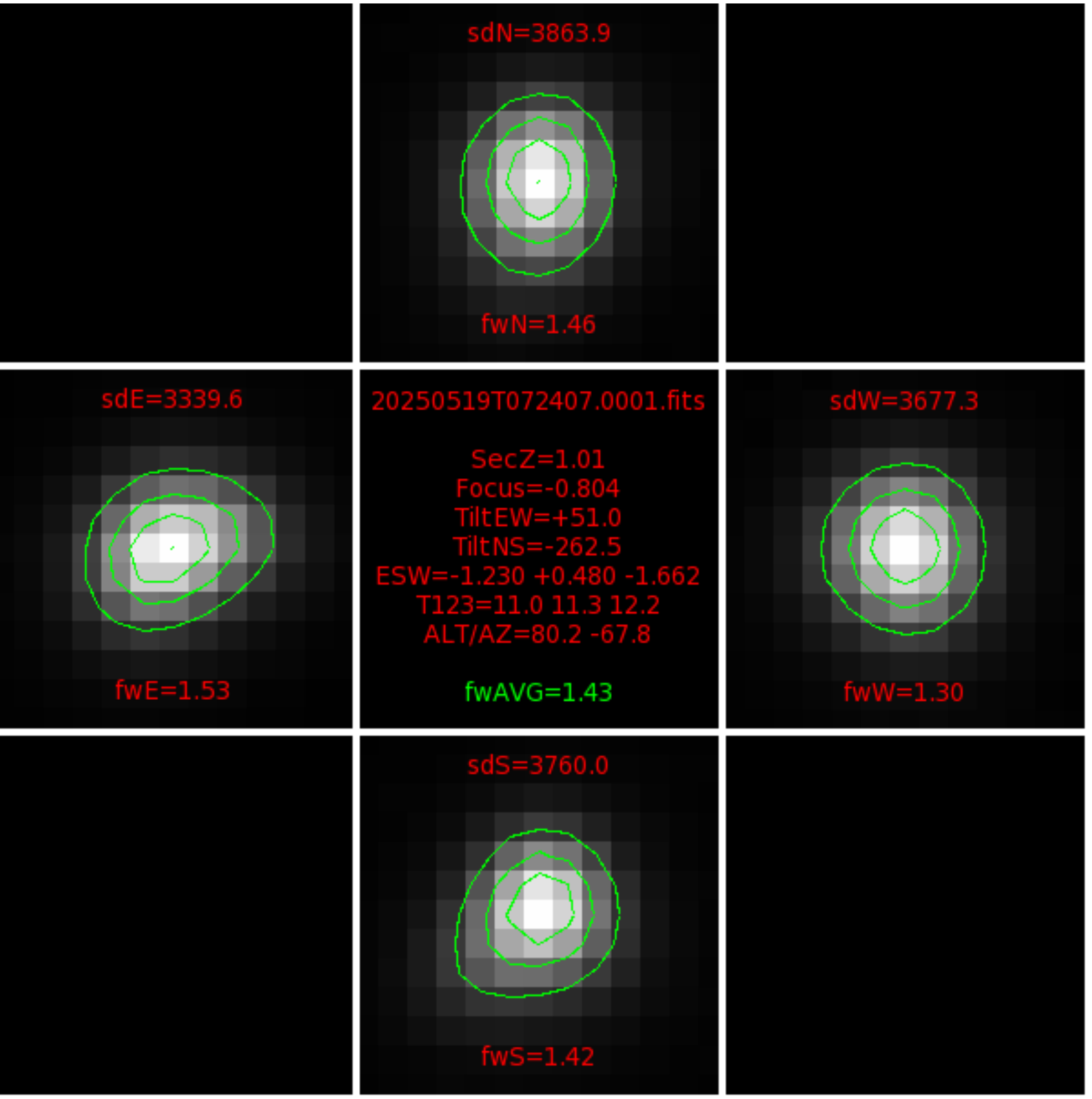
sdN=3863.9
fwN=1.46
sdE=3339.6
fwE=1.53
20250519T072407.0001.fits
SecZ=1.01
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.0 11.3 12.2
ALT/AZ=80.2 -67.8
fwAVG=1.43
sdW=3677.3
fwW=1.30
sdS=3760.0
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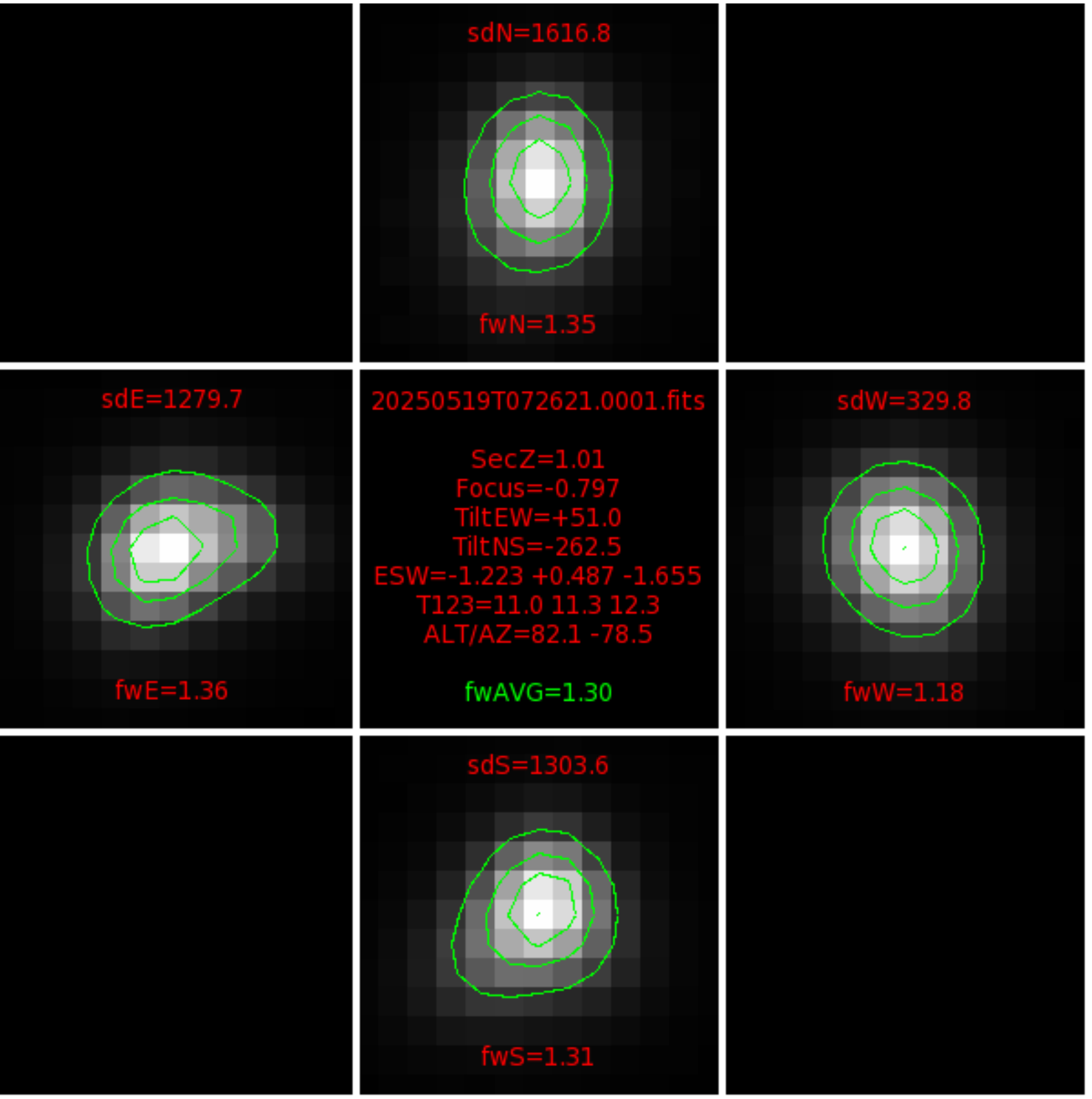
sdN=1616.8
fwN=1.35
sdE=1279.7
fwE=1.36
20250519T072621.0001.fits
SecZ=1.01
Focus=-0.797
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.223 +0.487 -1.655
T123=11.0 11.3 12.3
ALT/AZ=82.1 -78.5
fwAVG=1.30
sdW=329.8
fwW=1.18
sdS=1303.6
fwS=1.31
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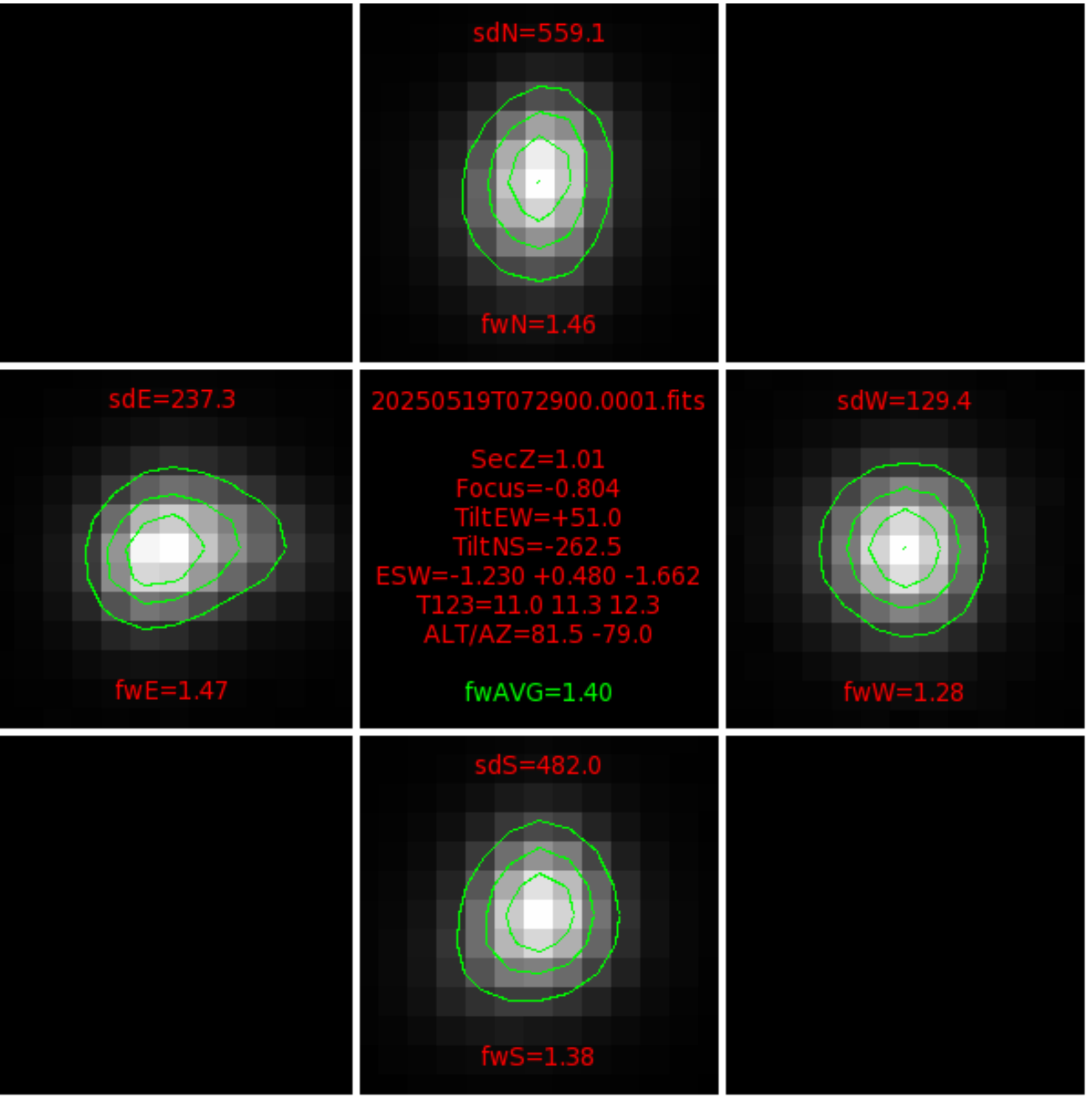
sdN=559.1
fwN=1.46
sdE=237.3
fwE=1.47
20250519T072900.0001.fits
SecZ=1.01
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.0 11.3 12.3
ALT/AZ=81.5 -79.0
fwAVG=1.40
sdW=129.4
fwW=1.28
sdS=482.0
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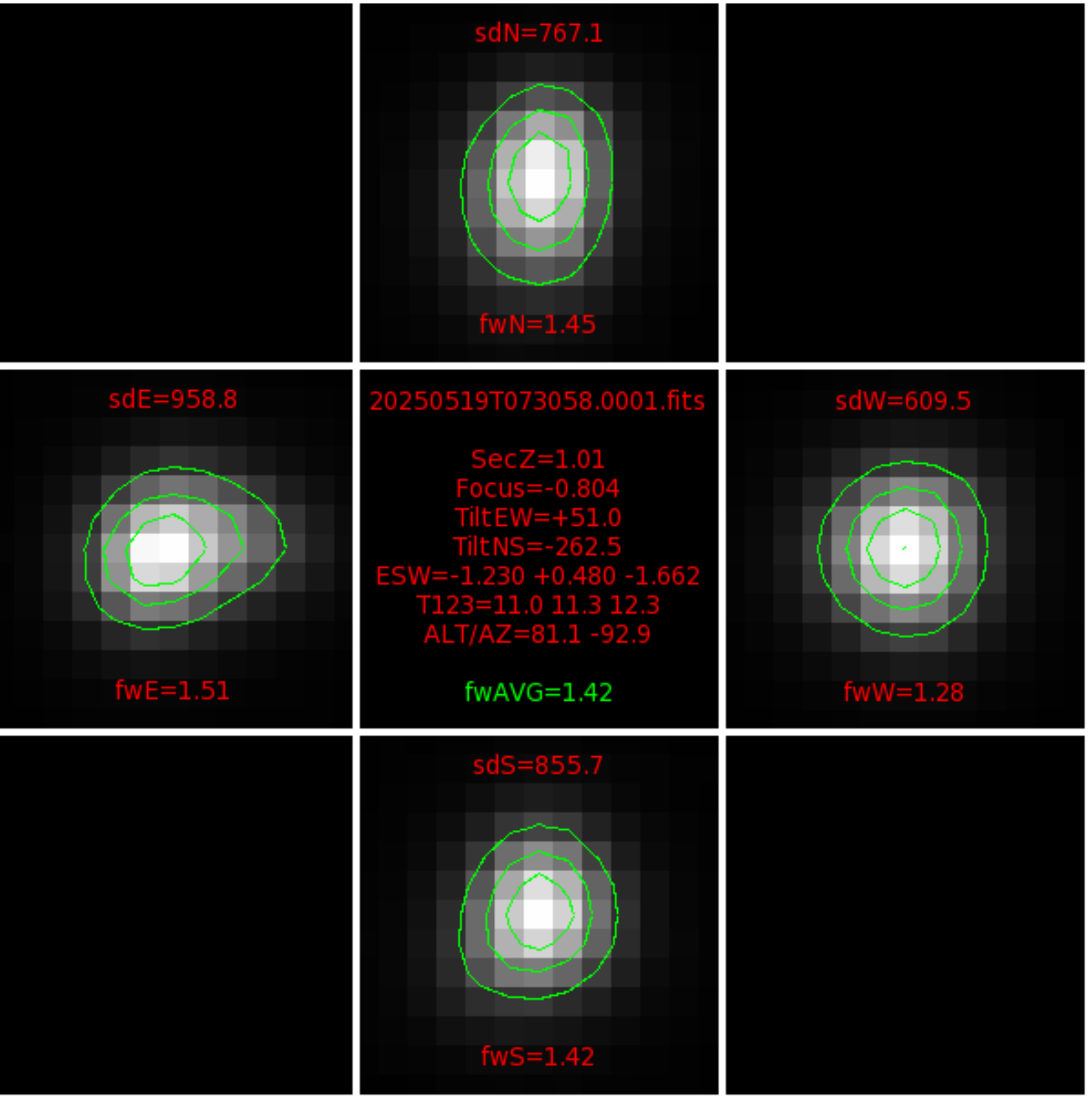
sdN=767.1
fwN=1.45
sdE=958.8
fwE=1.51
20250519T073058.0001.fits
SecZ=1.01
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.0 11.3 12.3
ALT/AZ=81.1 -92.9
fwAVG=1.42
sdW=609.5
fwW=1.28
sdS=855.7
fwS=1.42
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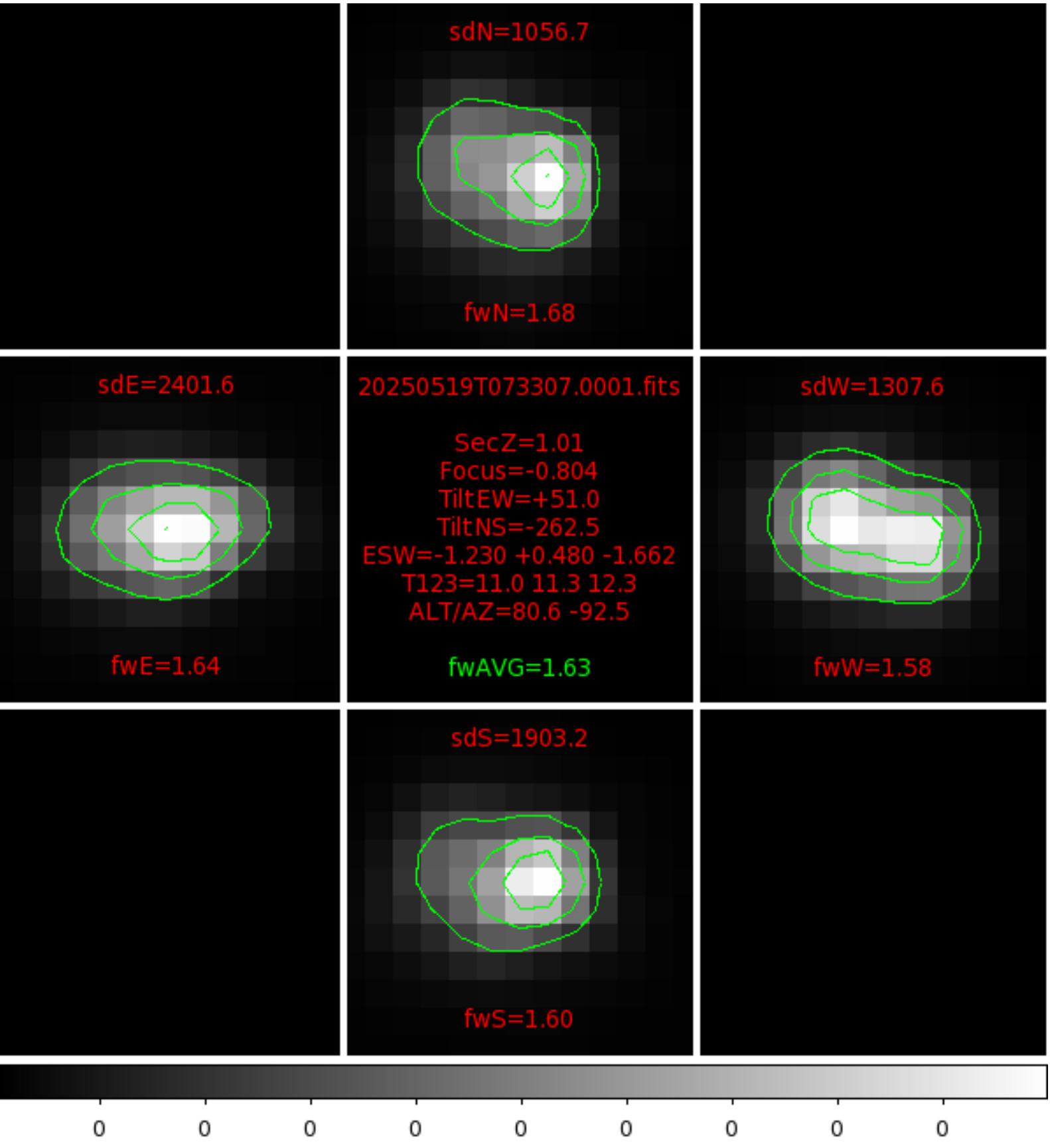
sdN=1056.7
fwN=1.68
sdE=2401.6
fwE=1.64
20250519T073307.0001.fits
SecZ=1.01
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.0 11.3 12.3
ALT/AZ=80.6 -92.5
fwAVG=1.63
sdW=1307.6
fwW=1.58
sdS=1903.2
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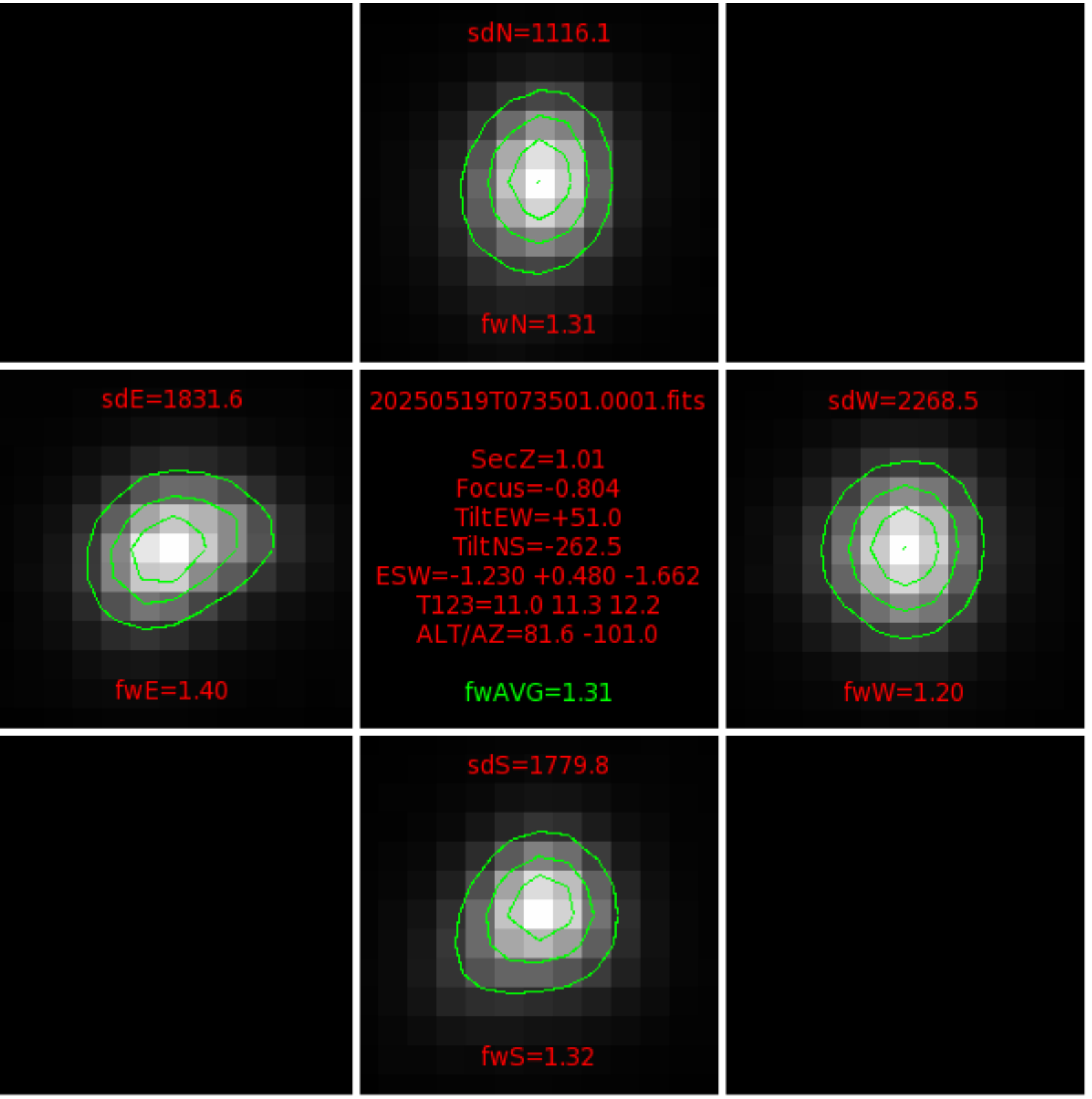
sdN=1116.1
fwN=1.31
sdE=1831.6
fwE=1.40
20250519T073501.0001.fits
SecZ=1.01
Focus=-0.804
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.230 +0.480 -1.662
T123=11.0 11.3 12.2
ALT/AZ=81.6 -101.0
fwAVG=1.31
sdW=2268.5
fwW=1.20
sdS=1779.8
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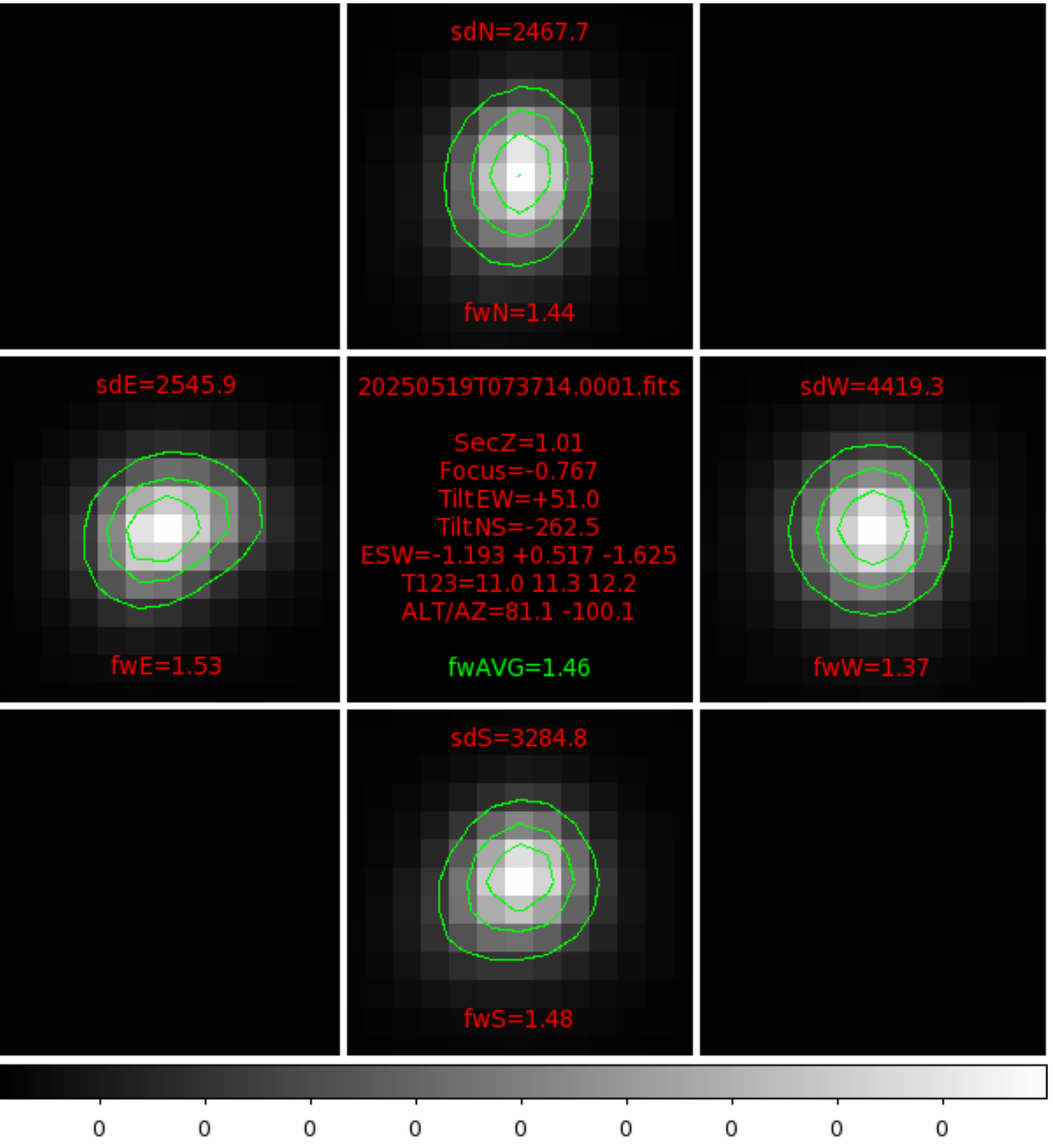
sdN=2467.7
fwN=1.44
sdE=2545.9
fwE=1.53
20250519T073714.0001.fits
SecZ=1.01
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.0 11.3 12.2
ALT/AZ=81.1 -100.1
fwAVG=1.46
sdW=4419.3
fwW=1.37
sdS=3284.8
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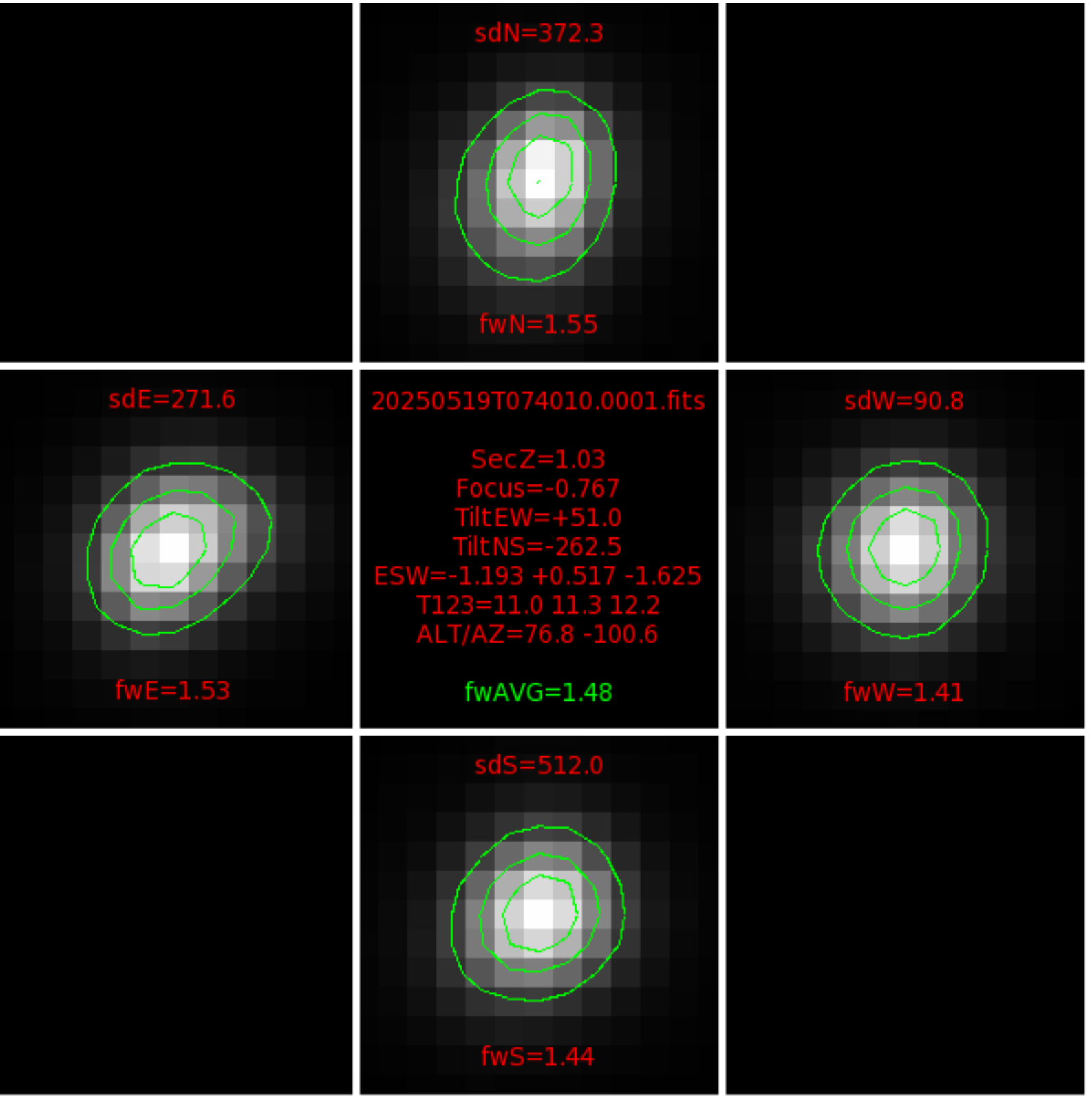
sdN=372.3
fwN=1.55
sdE=271.6
fwE=1.53
20250519T074010.0001.fits
SecZ=1.03
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.0 11.3 12.2
ALT/AZ=76.8 -100.6
fwAVG=1.48
sdW=90.8
fwW=1.41
sdS=512.0
fwS=1.44
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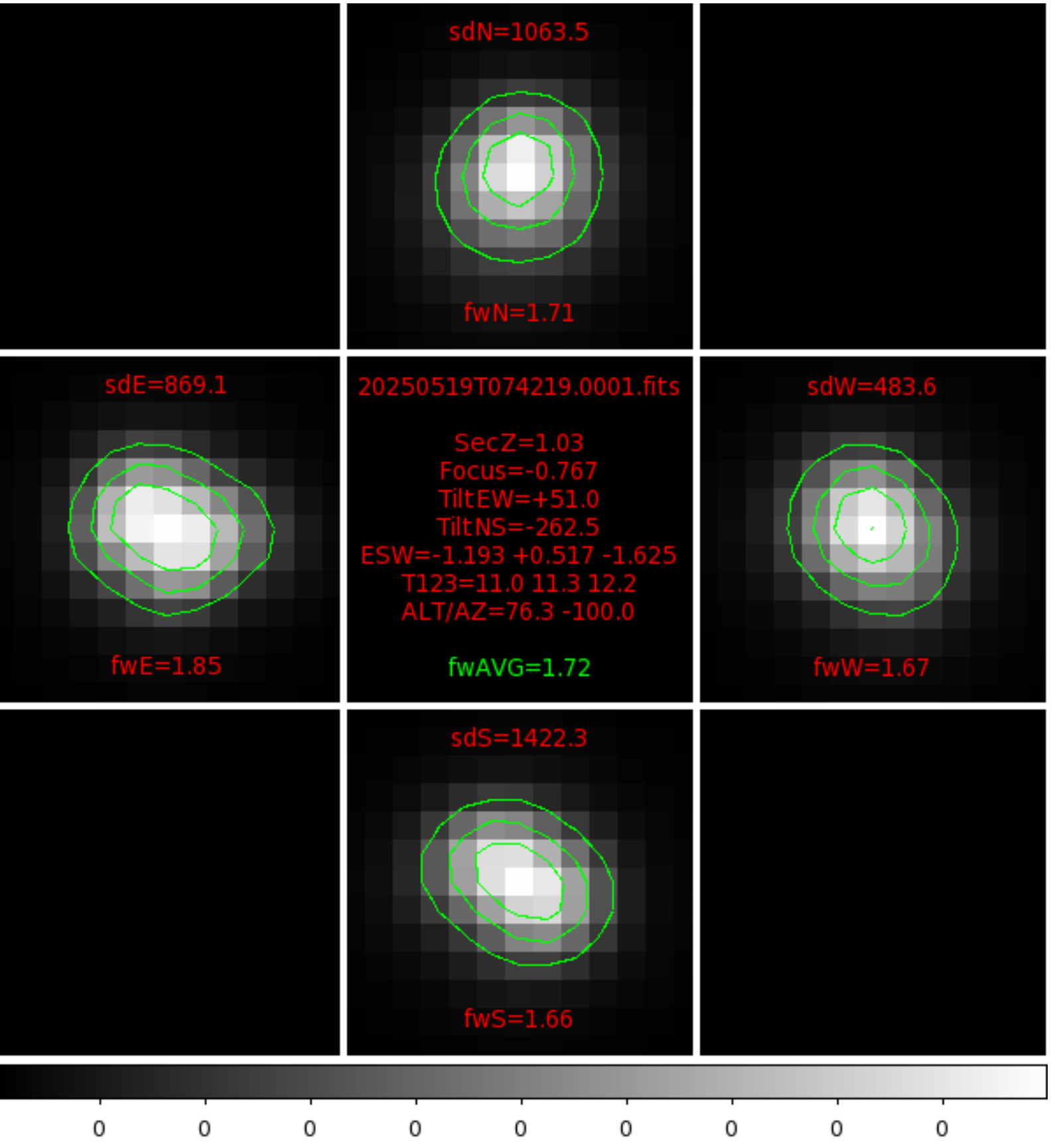
sdN=1063.5
fwN=1.71
sdE=869.1
fwE=1.85
20250519T074219.0001.fits
SecZ=1.03
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.0 11.3 12.2
ALT/AZ=76.3 -100.0
fwAVG=1.72
sdW=483.6
fwW=1.67
sdS=1422.3
fwS=1.66
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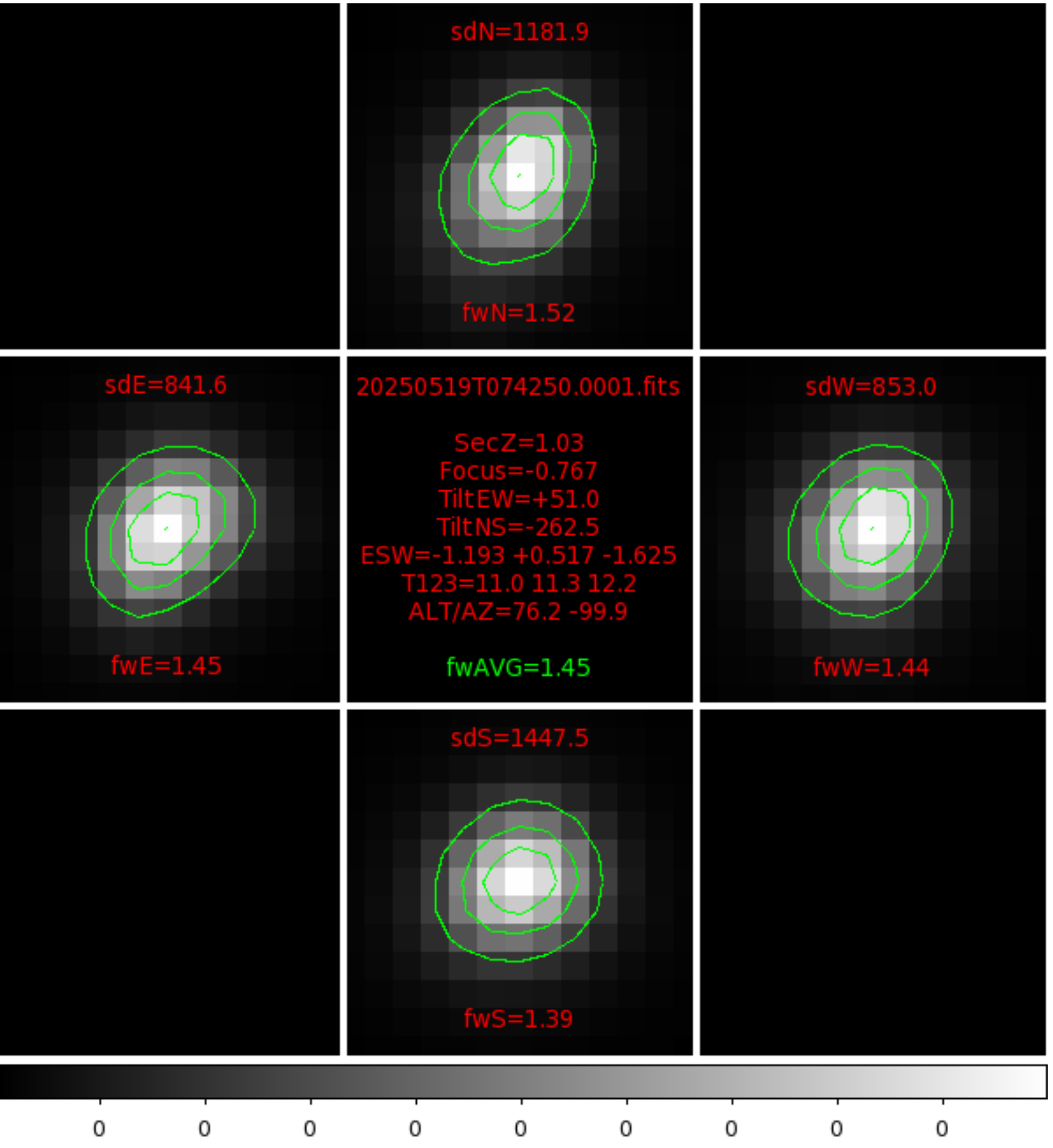
sdN=1181.9
fwN=1.52
sdE=841.6
fwE=1.45
20250519T074250.0001.fits
SecZ=1.03
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.0 11.3 12.2
ALT/AZ=76.2 -99.9
fwAVG=1.45
sdW=853.0
fwW=1.44
sdS=1447.5
fwS=1.39
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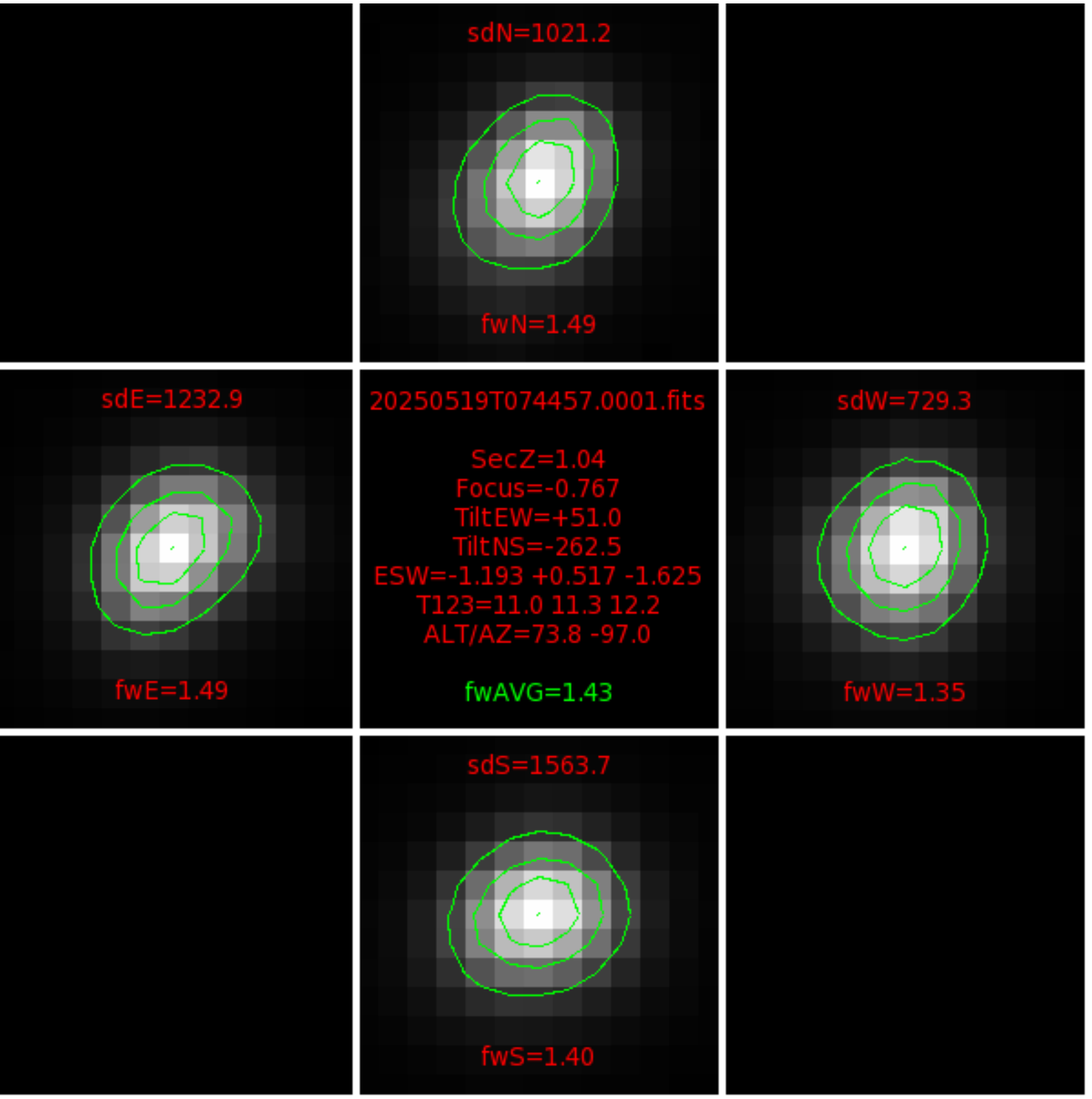
sdN=1021.2
fwN=1.49
sdE=1232.9
fwE=1.49
20250519T074457.0001.fits
SecZ=1.04
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.0 11.3 12.2
ALT/AZ=73.8 -97.0
fwAVG=1.43
sdW=729.3
fwW=1.35
sdS=1563.7
fwS=1.40
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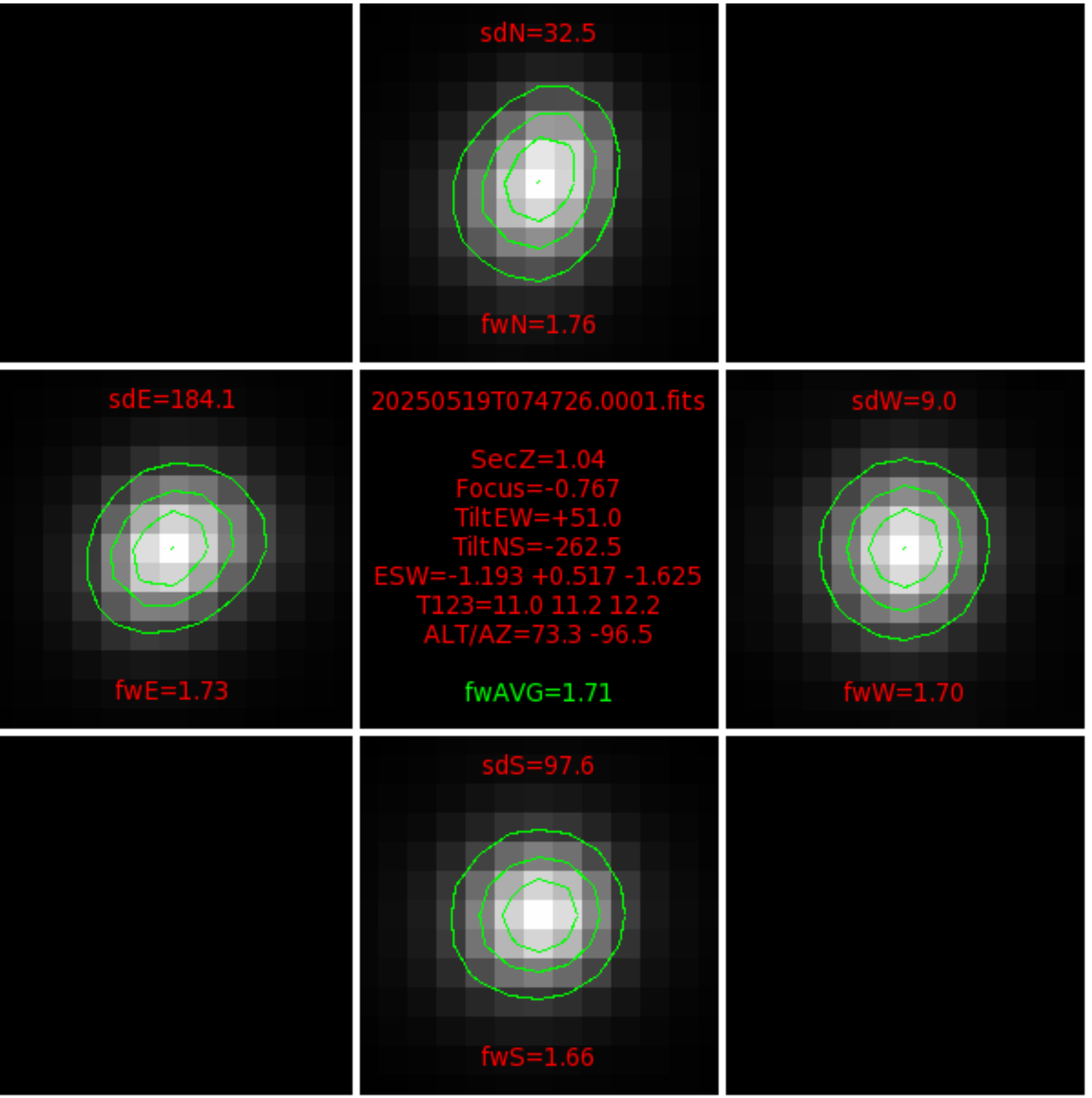
sdN=32.5
fwN=1.76
sdE=184.1
fwE=1.73
20250519T074726.0001.fits
SecZ=1.04
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.0 11.2 12.2
ALT/AZ=73.3 -96.5
fwAVG=1.71
sdW=9.0
fwW=1.70
sdS=97.6
fwS=1.66
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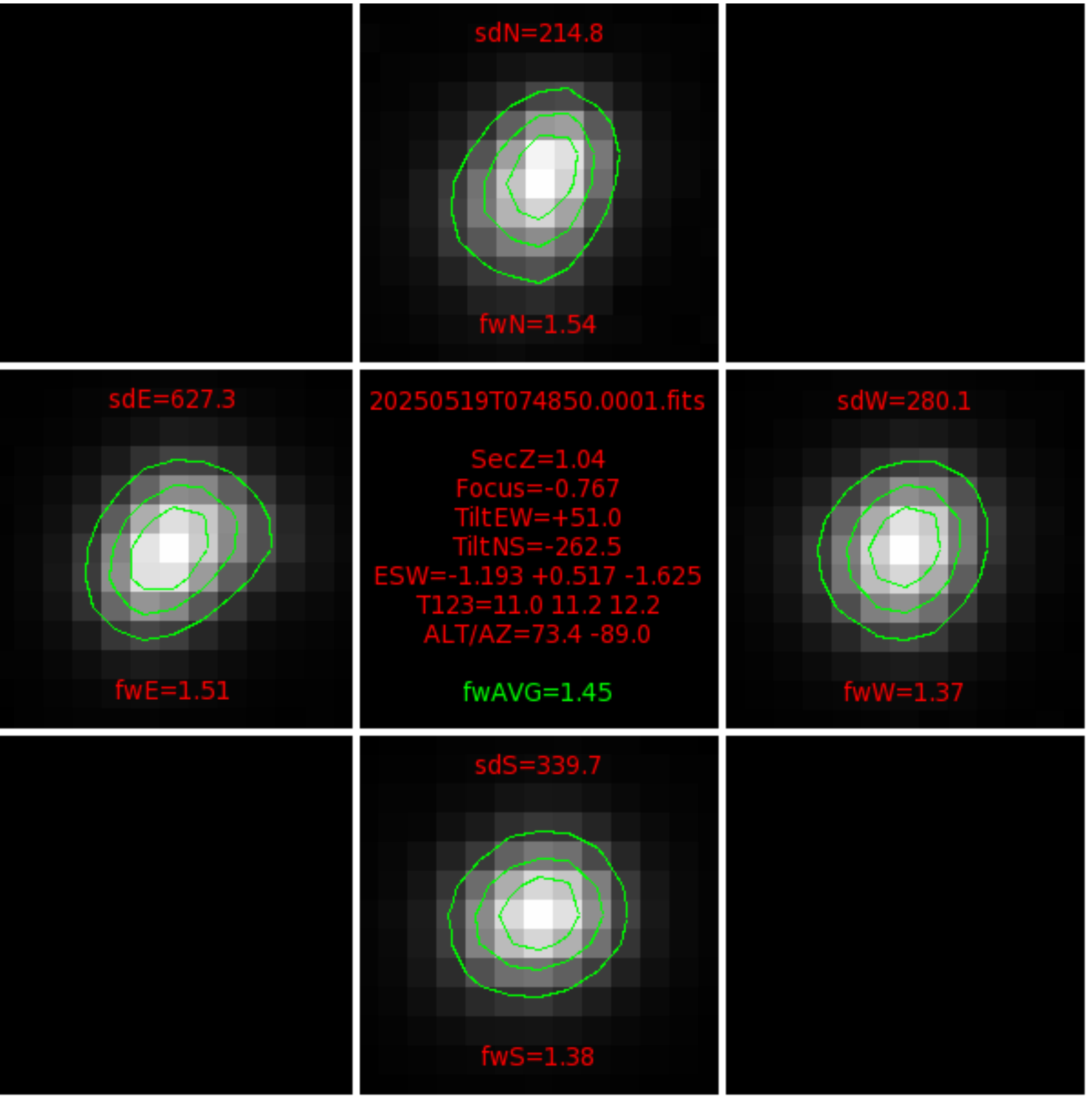
sdN=214.8
fwN=1.54
sdE=627.3
fwE=1.51
20250519T074850.0001.fits
SecZ=1.04
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.0 11.2 12.2
ALT/AZ=73.4 -89.0
fwAVG=1.45
sdW=280.1
fwW=1.37
sdS=339.7
fwS=1.38
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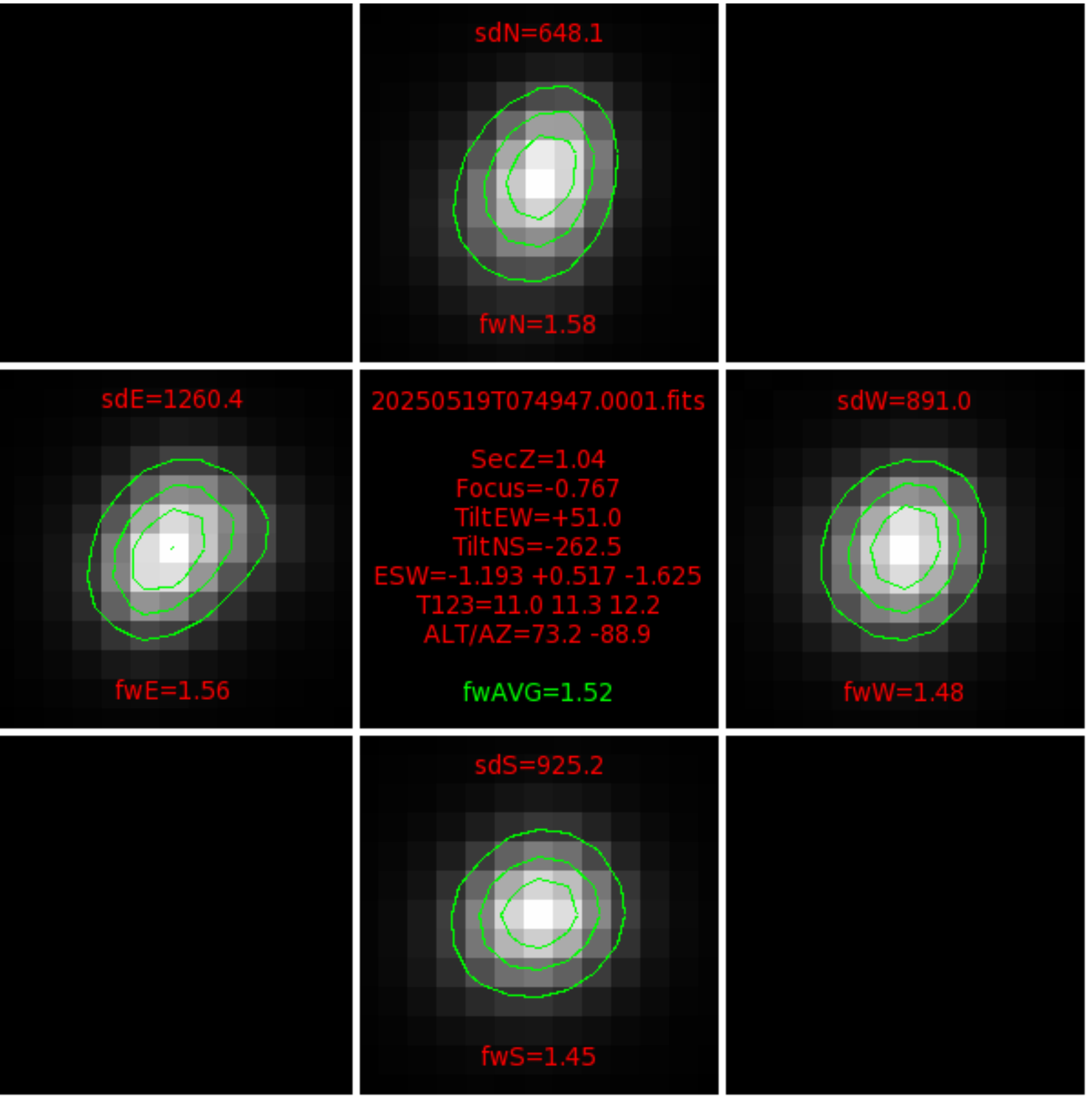
sdN=648.1
fwN=1.58
sdE=1260.4
fwE=1.56
20250519T074947.0001.fits
SecZ=1.04
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.0 11.3 12.2
ALT/AZ=73.2 -88.9
fwAVG=1.52
sdW=891.0
fwW=1.48
sdS=925.2
fwS=1.45
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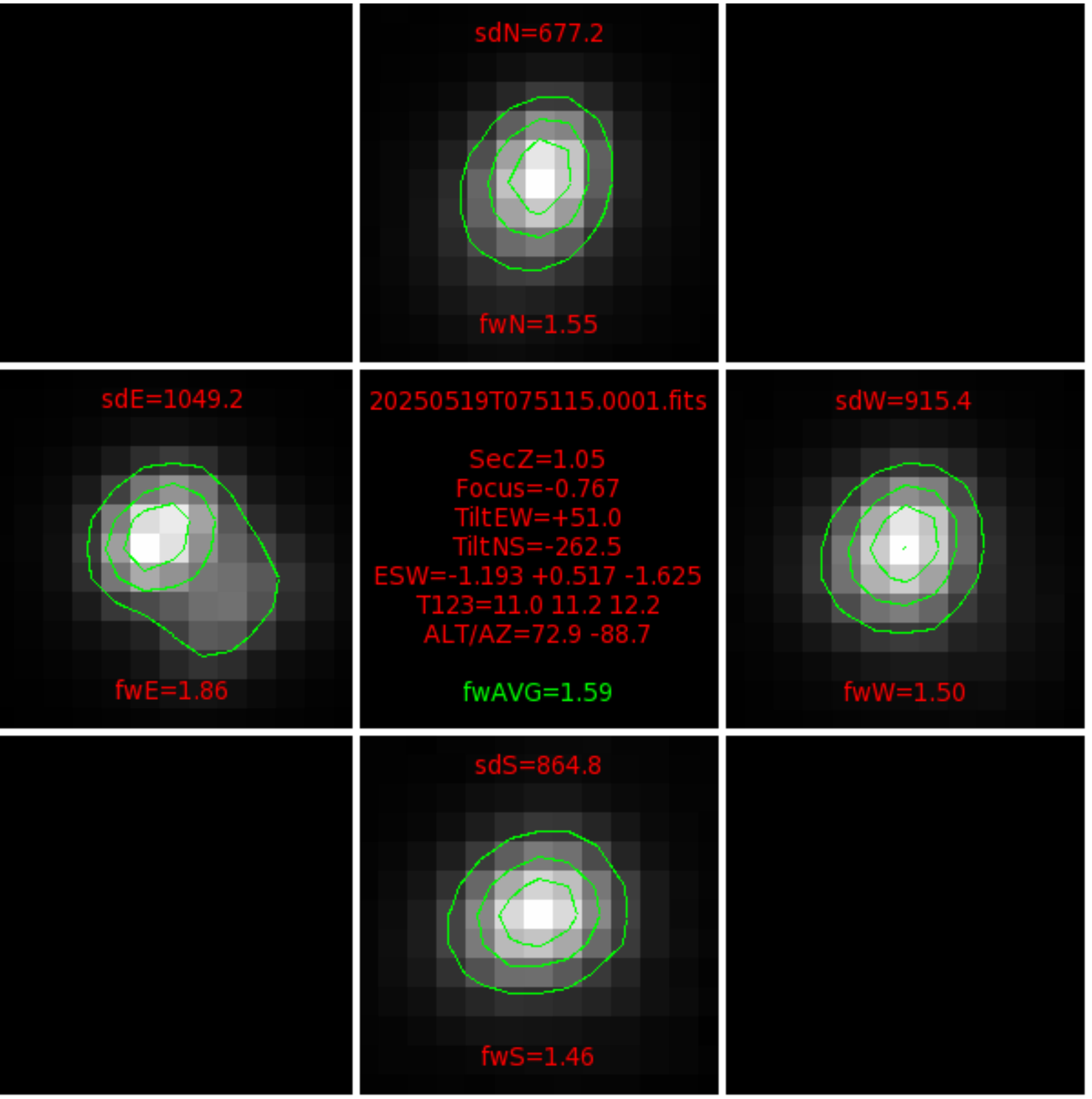
sdN=677.2
fwN=1.55
sdE=1049.2
fwE=1.86
20250519T075115.0001.fits
SecZ=1.05
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.0 11.2 12.2
ALT/AZ=72.9 -88.7
fwAVG=1.59
sdW=915.4
fwW=1.50
sdS=864.8
fwS=1.46
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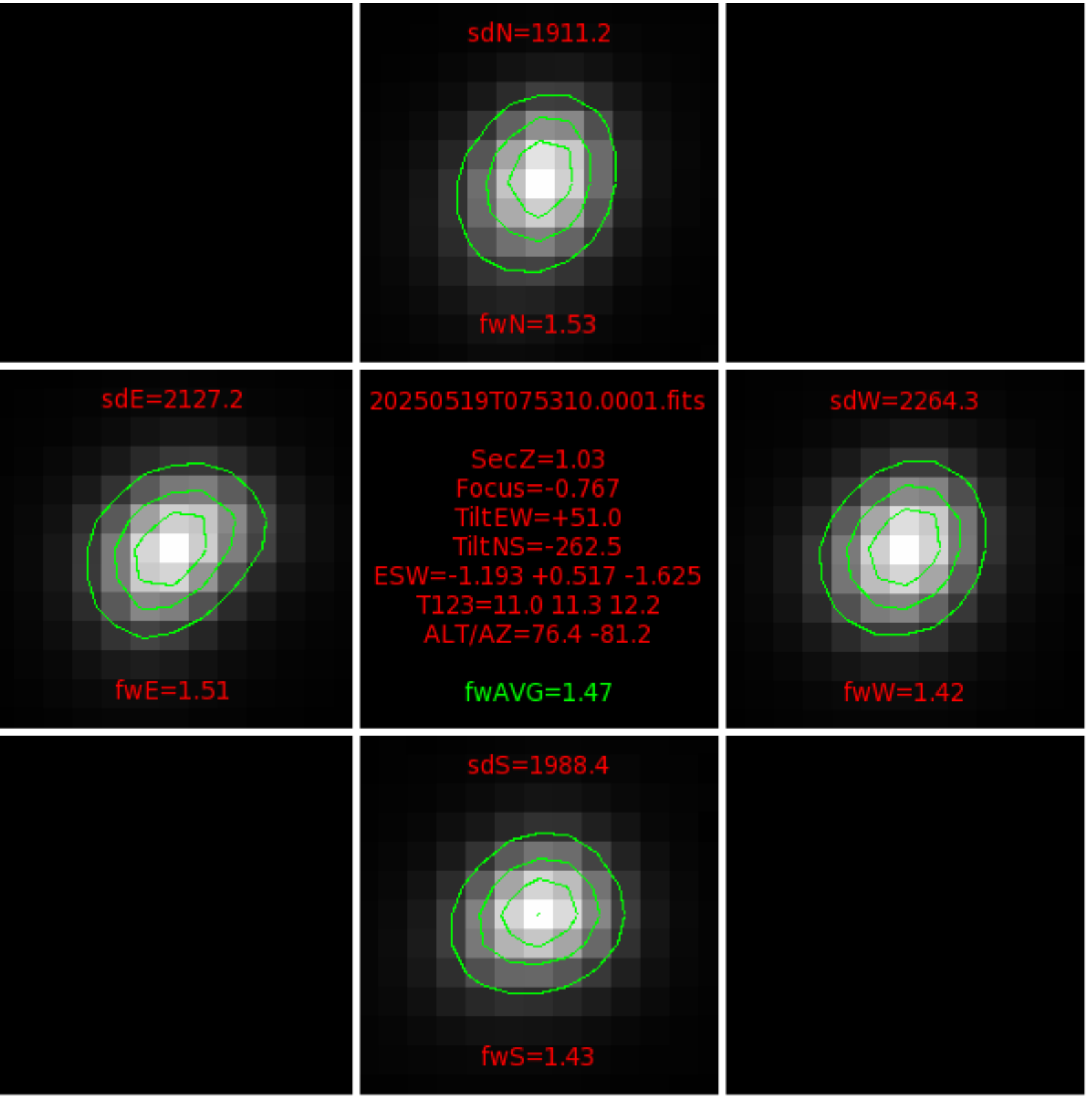
sdN=1911.2
fwN=1.53
sdE=2127.2
fwE=1.51
20250519T075310.0001.fits
SecZ=1.03
Focus=-0.767
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.193 +0.517 -1.625
T123=11.0 11.3 12.2
ALT/AZ=76.4 -81.2
fwAVG=1.47
sdW=2264.3
fwW=1.42
sdS=1988.4
fwS=1.43
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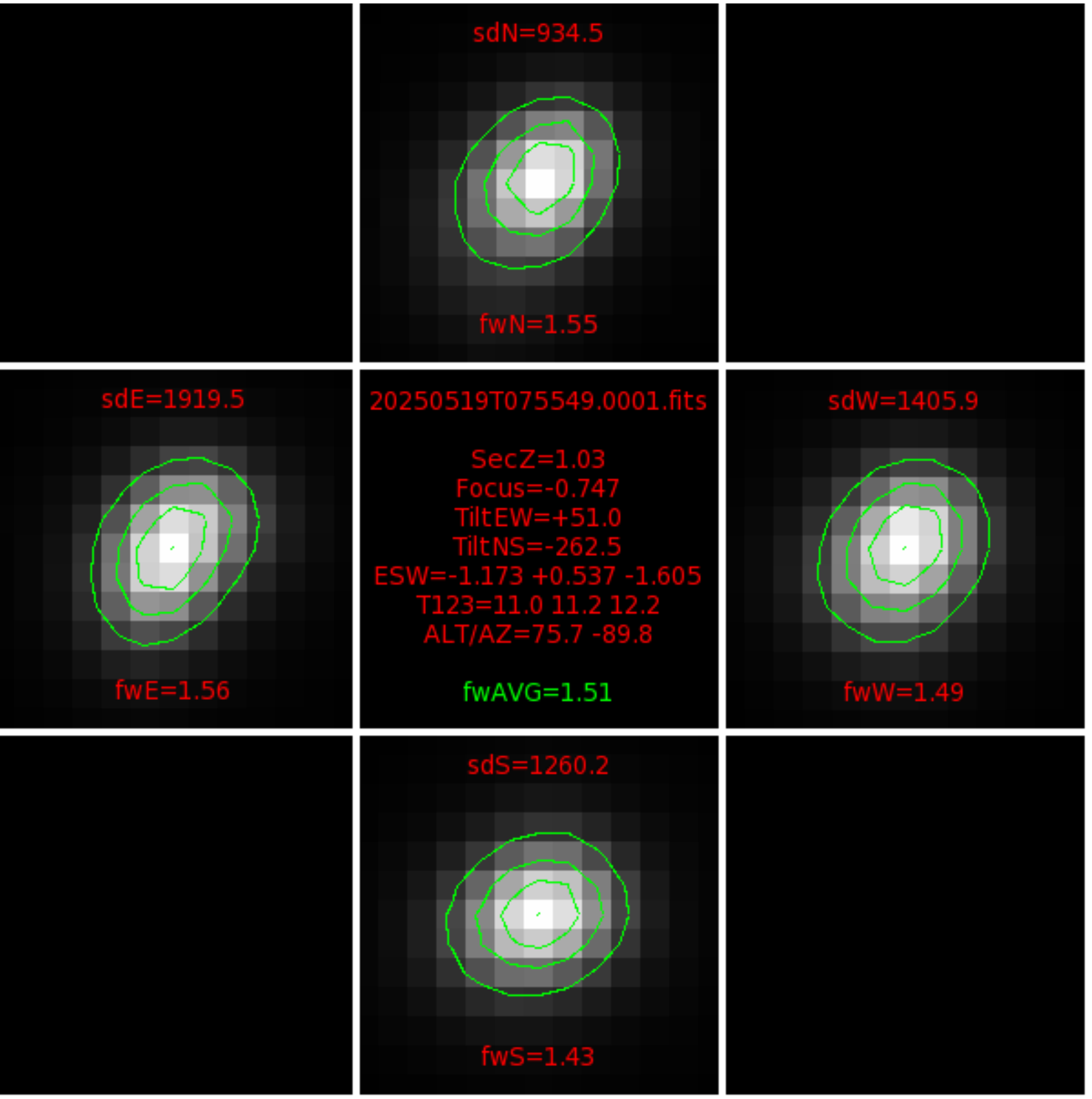
sdN=934.5
fwN=1.55
sdE=1919.5
fwE=1.56
20250519T075549.0001.fits
SecZ=1.03
Focus=-0.747
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.173 +0.537 -1.605
T123=11.0 11.2 12.2
ALT/AZ=75.7 -89.8
fwAVG=1.51
sdW=1405.9
fwW=1.49
sdS=1260.2
fwS=1.43
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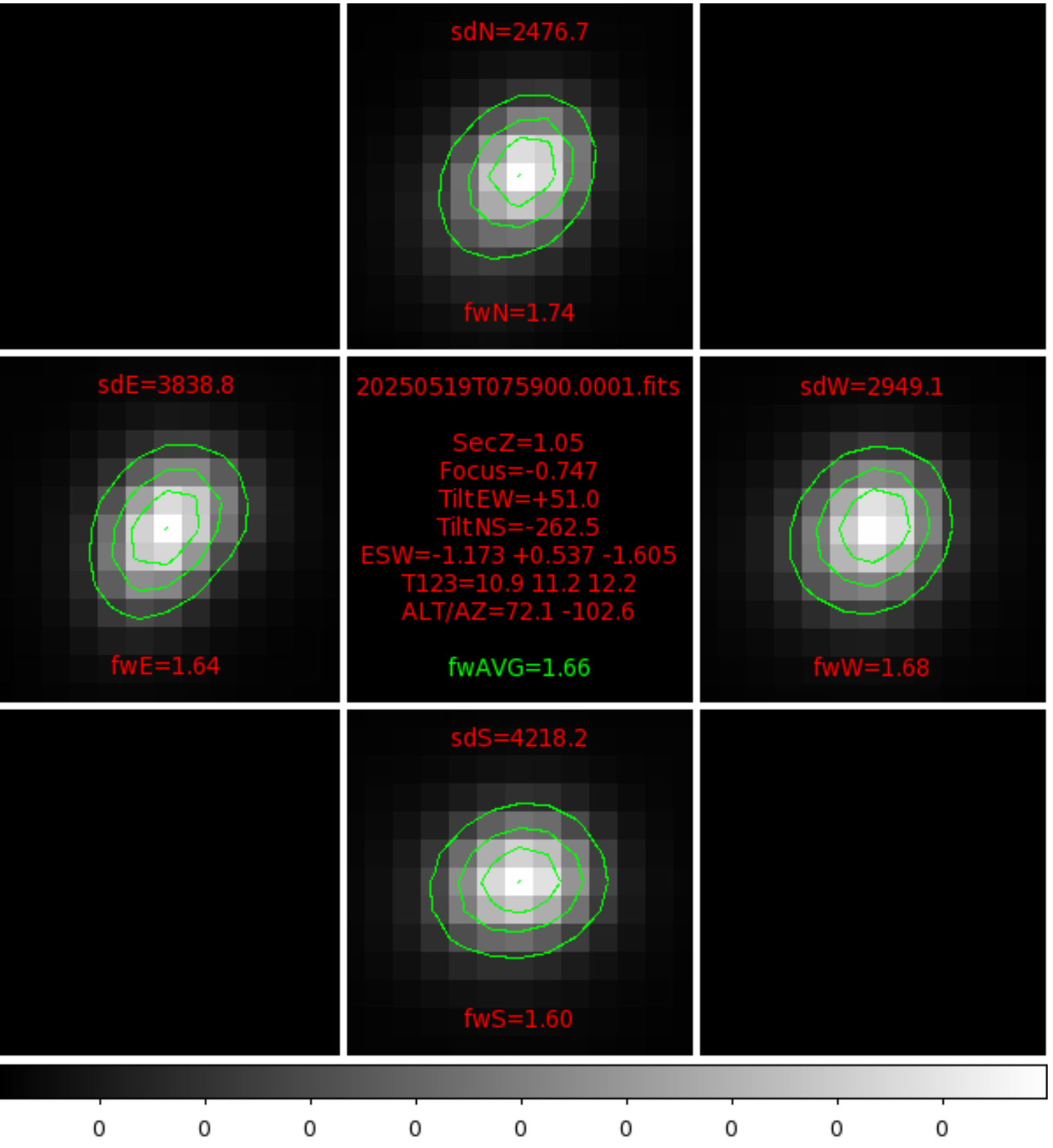
sdN=2476.7
fwN=1.74
sdE=3838.8
fwE=1.64
20250519T075900.0001.fits
SecZ=1.05
Focus=-0.747
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.173 +0.537 -1.605
T123=10.9 11.2 12.2
ALT/AZ=72.1 -102.6
fwAVG=1.66
sdW=2949.1
fwW=1.68
sdS=4218.2
fwS=1.60
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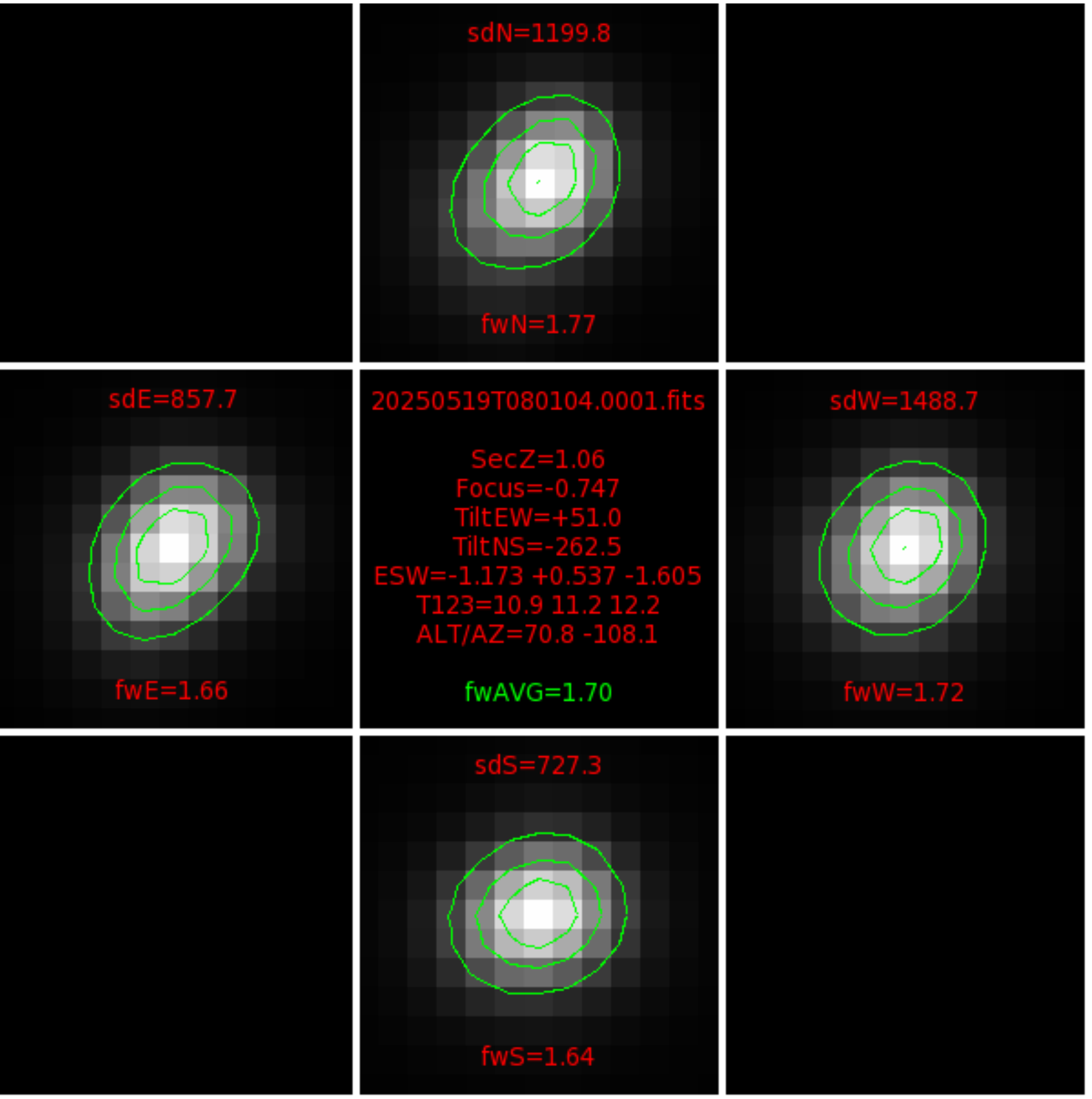
sdN=1199.8
fwN=1.77
sdE=857.7
fwE=1.66
20250519T080104.0001.fits
SecZ=1.06
Focus=-0.747
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.173 +0.537 -1.605
T123=10.9 11.2 12.2
ALT/AZ=70.8 -108.1
fwAVG=1.70
sdW=1488.7
fwW=1.72
sdS=727.3
fwS=1.64
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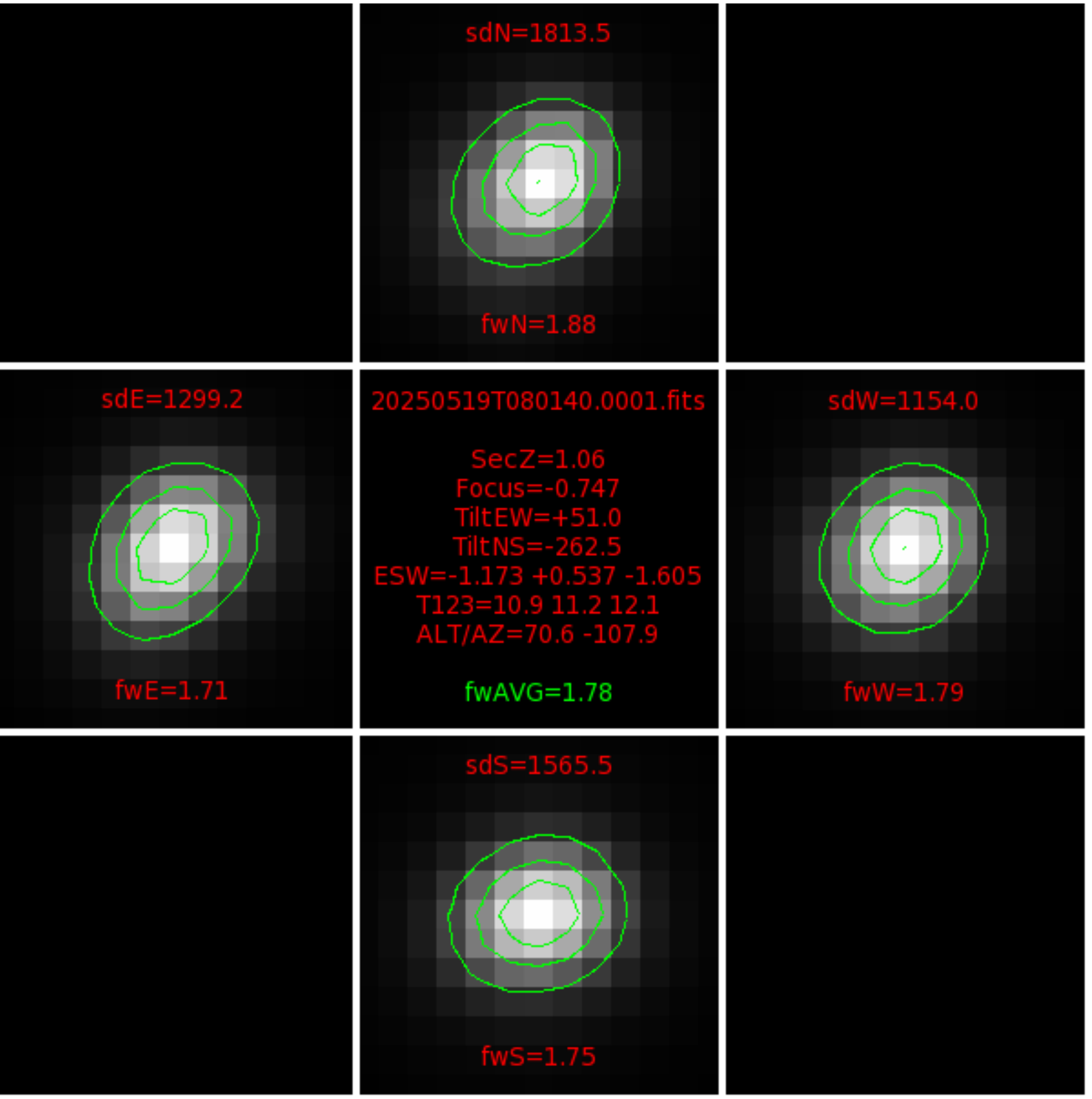
sdN=1813.5
fwN=1.88
sdE=1299.2
fwE=1.71
20250519T080140.0001.fits
SecZ=1.06
Focus=-0.747
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.173 +0.537 -1.605
T123=10.9 11.2 12.1
ALT/AZ=70.6 -107.9
fwAVG=1.78
sdW=1154.0
fwW=1.79
sdS=1565.5
fwS=1.75
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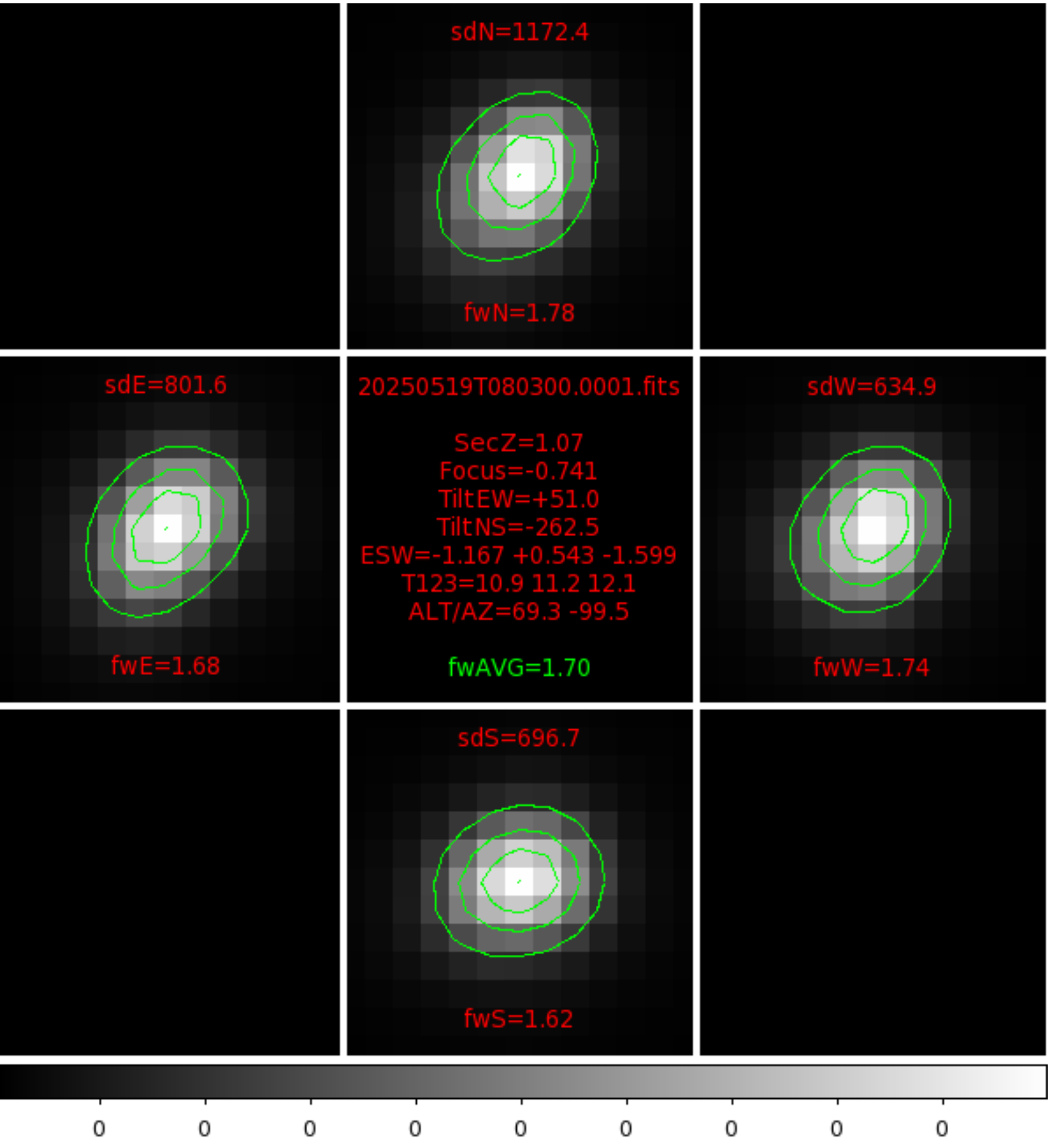
sdN=1172.4
fwN=1.78
sdE=801.6
fwE=1.68
20250519T080300.0001.fits
SecZ=1.07
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.2 12.1
ALT/AZ=69.3 -99.5
fwAVG=1.70
sdW=634.9
fwW=1.74
sdS=696.7
fwS=1.62
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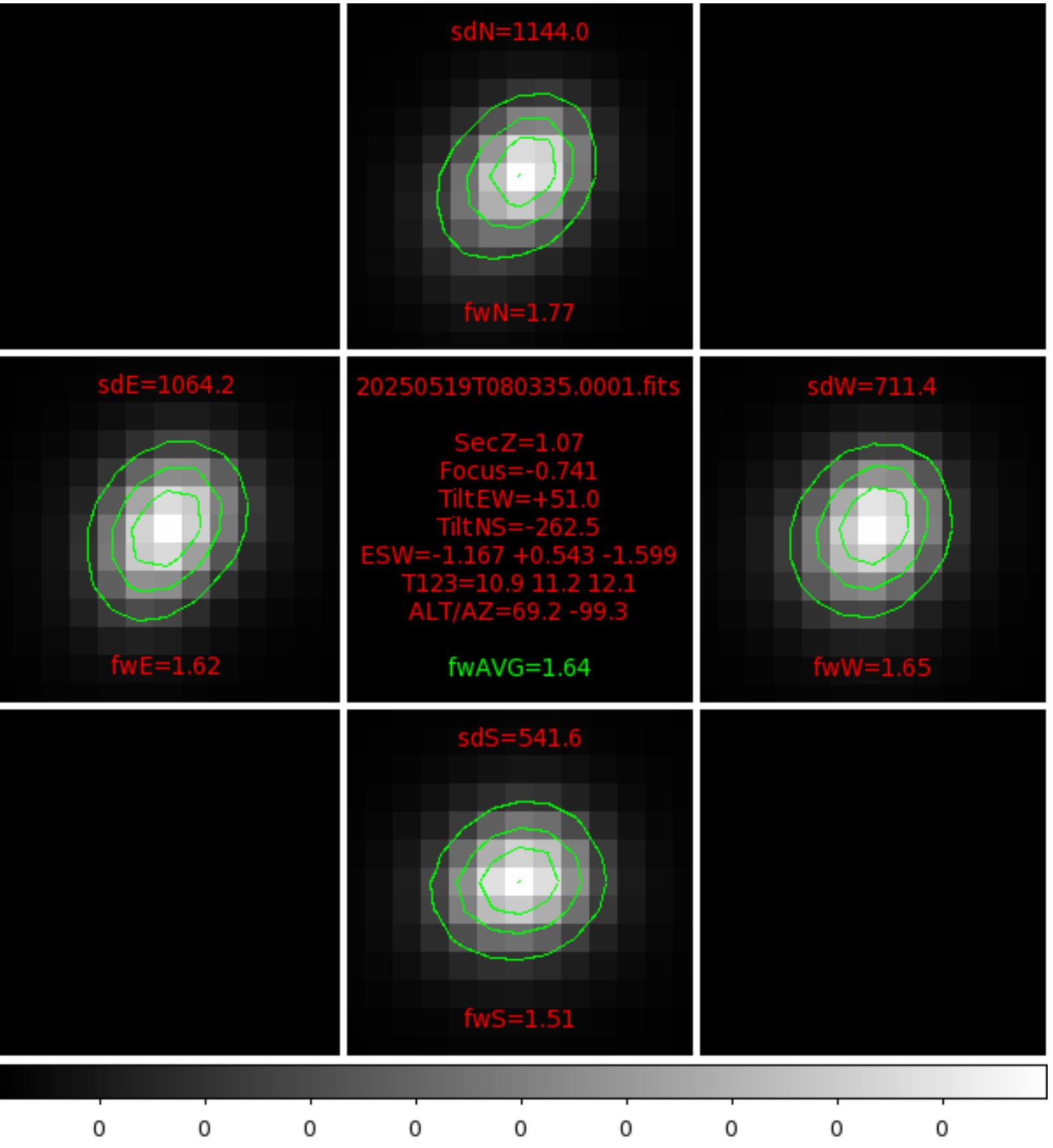
sdN=1144.0
fwN=1.77
sdE=1064.2
fwE=1.62
20250519T080335.0001.fits
SecZ=1.07
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.2 12.1
ALT/AZ=69.2 -99.3
fwAVG=1.64
sdW=711.4
fwW=1.65
sdS=541.6
fwS=1.51
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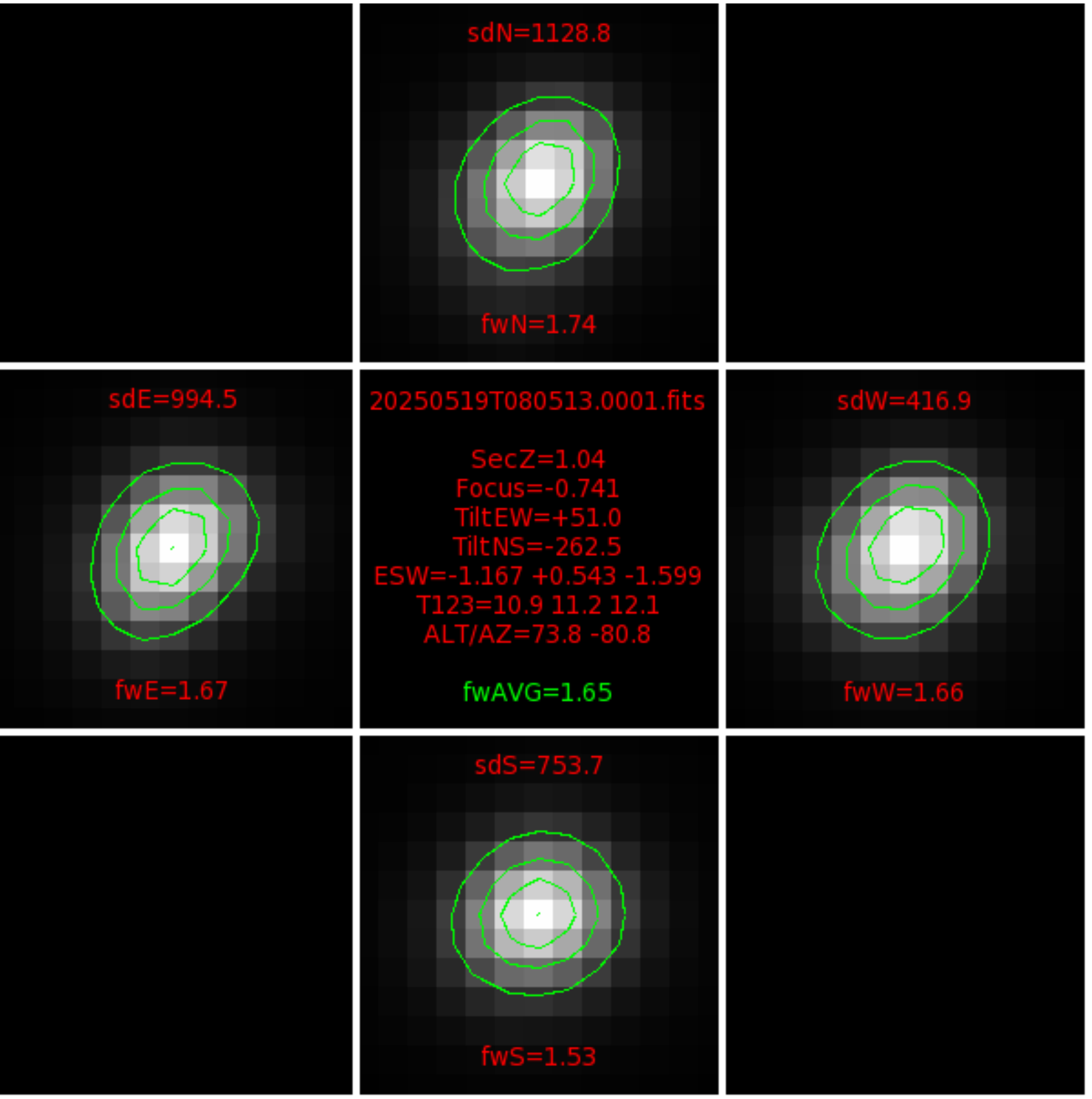
sdN=1128.8
fwN=1.74
sdE=994.5
fwE=1.67
20250519T080513.0001.fits
SecZ=1.04
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.2 12.1
ALT/AZ=73.8 -80.8
fwAVG=1.65
sdW=416.9
fwW=1.66
sdS=753.7
fwS=1.53
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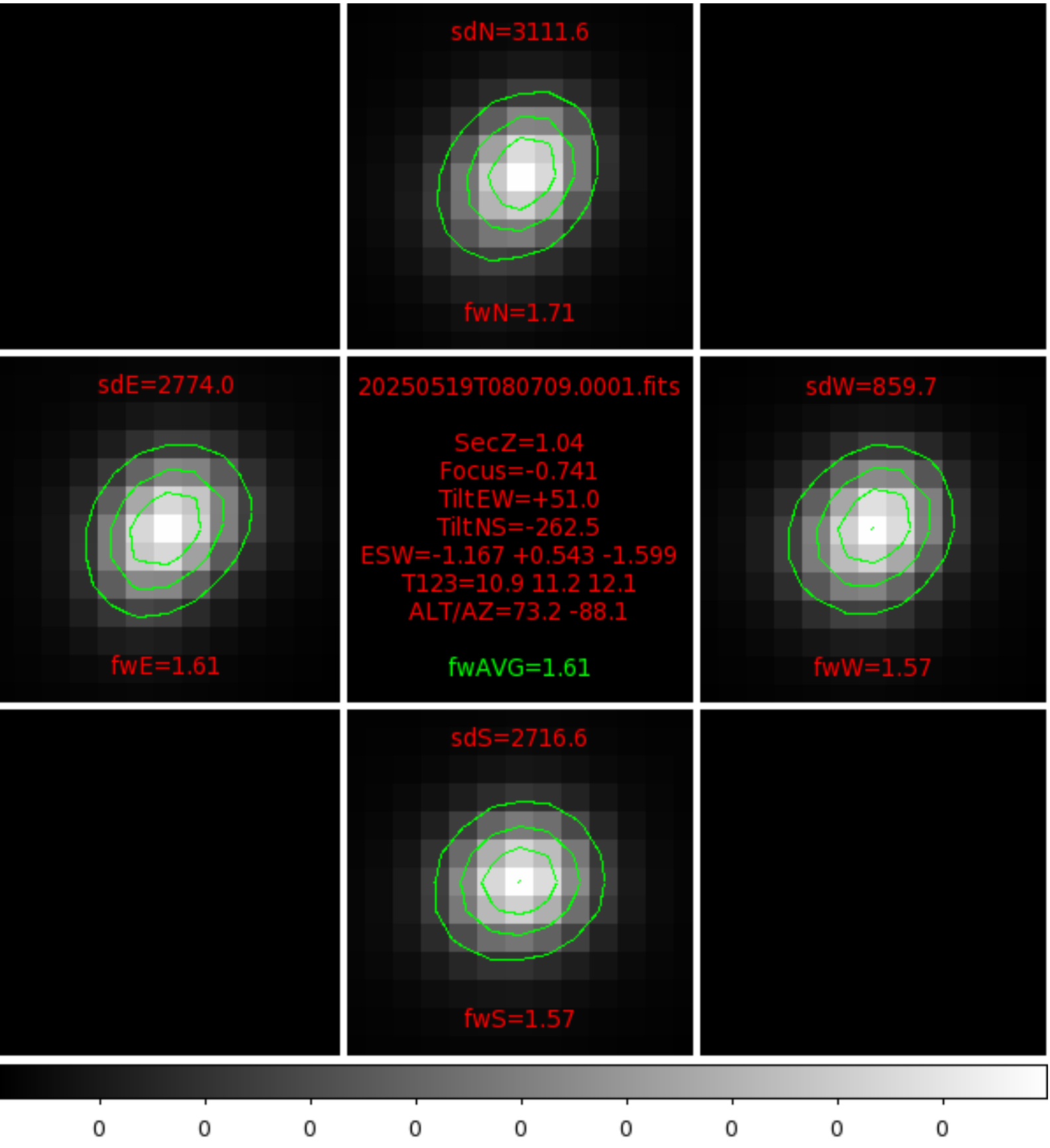
sdN=3111.6
fwN=1.71
sdE=2774.0
fwE=1.61
20250519T080709.0001.fits
SecZ=1.04
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.2 12.1
ALT/AZ=73.2 -88.1
fwAVG=1.61
sdW=859.7
fwW=1.57
sdS=2716.6
fwS=1.57
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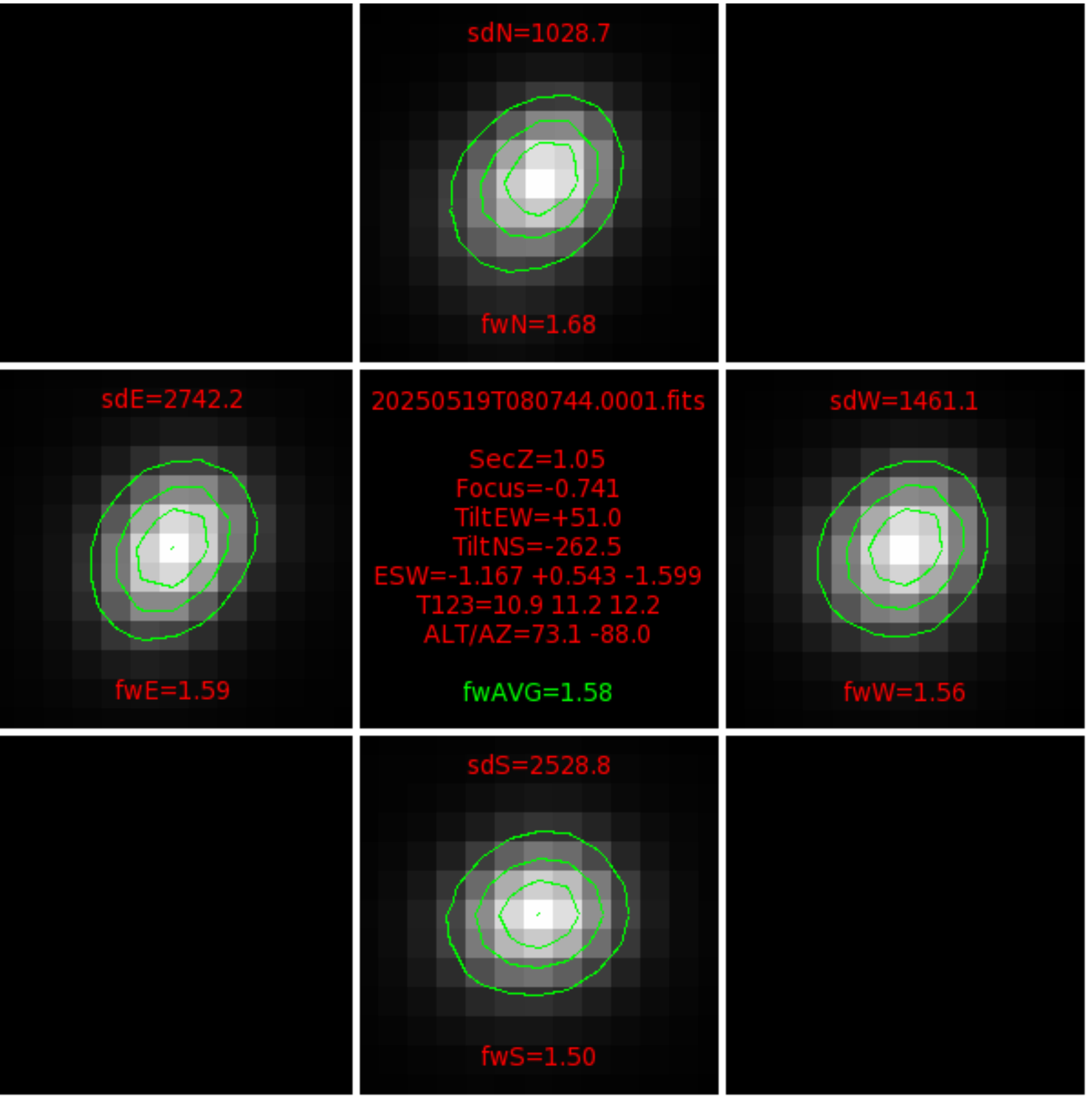
sdN=1028.7
fwN=1.68
sdE=2742.2
fwE=1.59
20250519T080744.0001.fits
SecZ=1.05
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.2 12.2
ALT/AZ=73.1 -88.0
fwAVG=1.58
sdW=1461.1
fwW=1.56
sdS=2528.8
fwS=1.50
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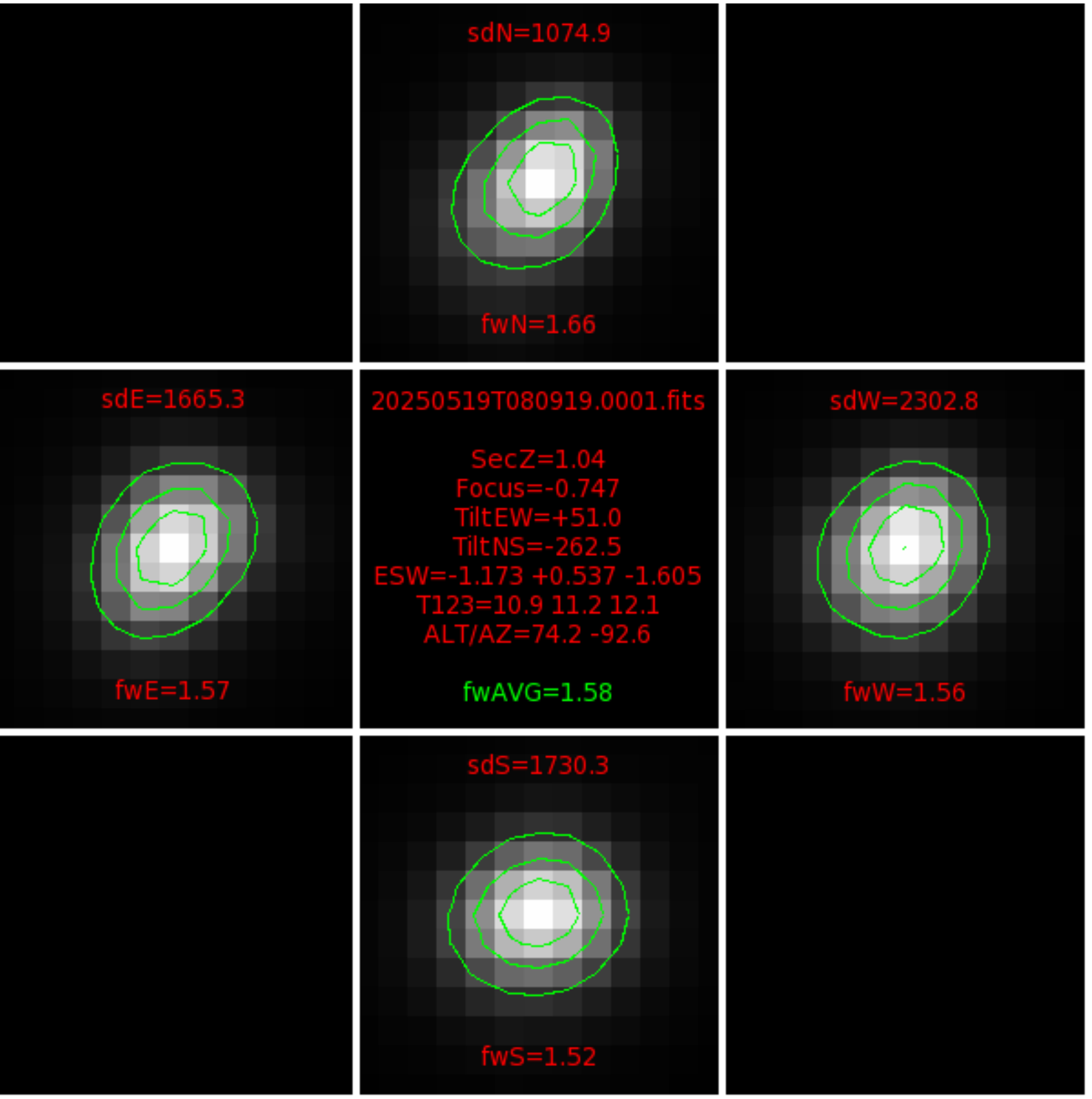
sdN=1074.9
fwN=1.66
sdE=1665.3
fwE=1.57
20250519T080919.0001.fits
SecZ=1.04
Focus=-0.747
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.173 +0.537 -1.605
T123=10.9 11.2 12.1
ALT/AZ=74.2 -92.6
fwAVG=1.58
sdW=2302.8
fwW=1.56
sdS=1730.3
fwS=1.52
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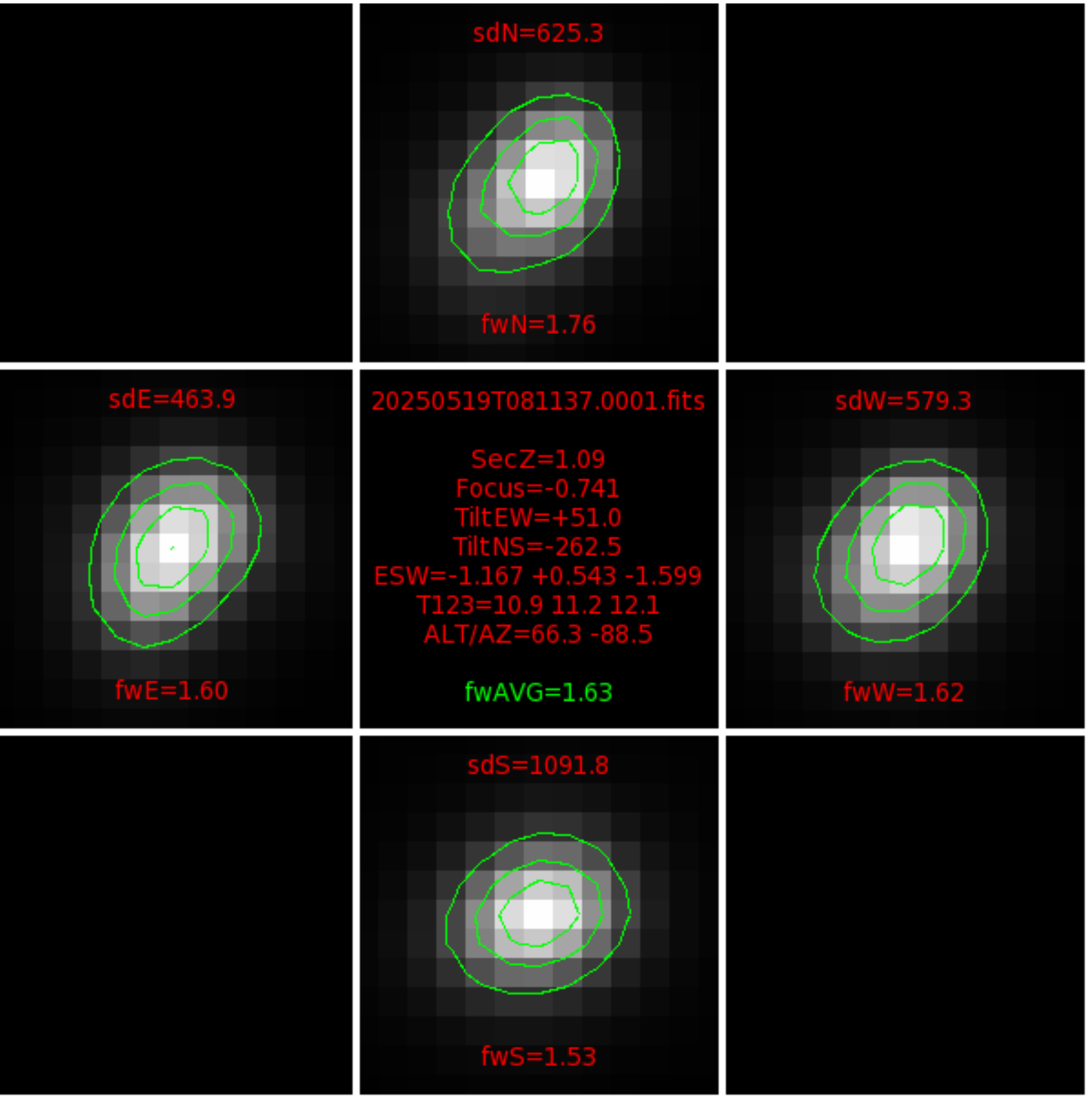
sdN=625.3
fwN=1.76
sdE=463.9
fwE=1.60
20250519T081137.0001.fits
SecZ=1.09
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.2 12.1
ALT/AZ=66.3 -88.5
fwAVG=1.63
sdW=579.3
fwW=1.62
sdS=1091.8
fwS=1.53
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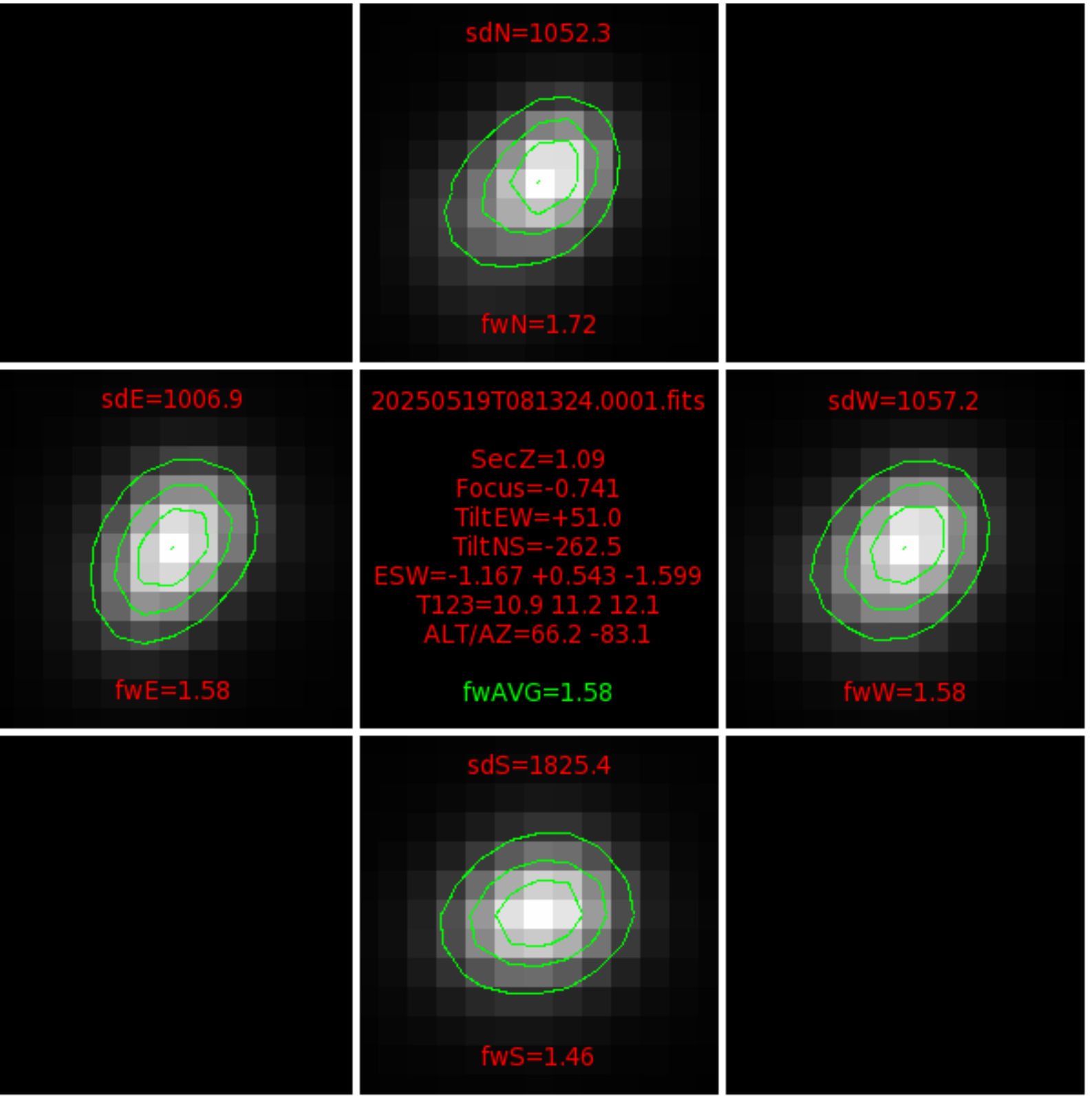
sdN=1052.3
fwN=1.72
sdE=1006.9
fwE=1.58
20250519T081324.0001.fits
SecZ=1.09
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.2 12.1
ALT/AZ=66.2 -83.1
fwAVG=1.58
sdW=1057.2
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sdS=1825.4
fwS=1.46
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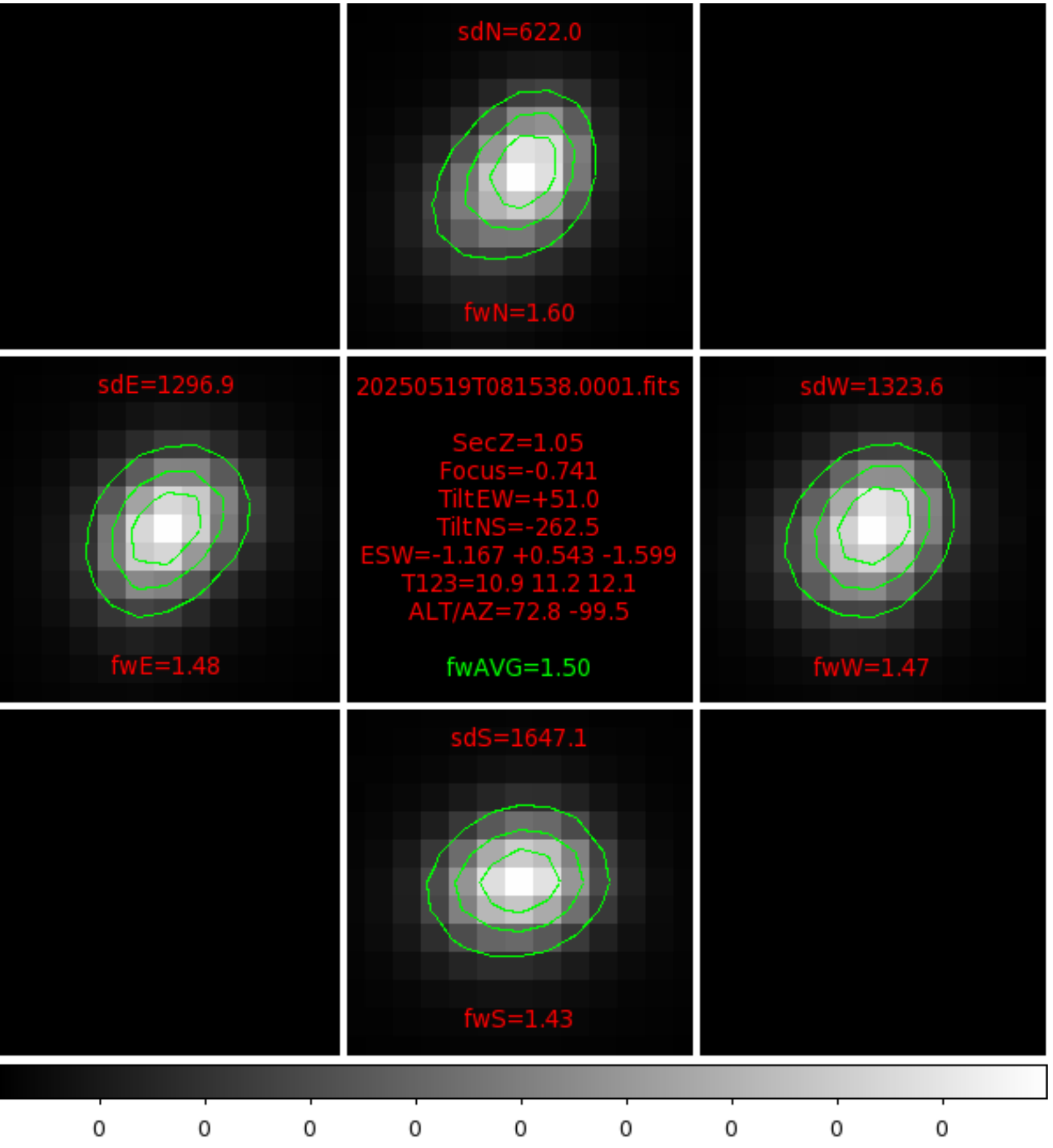
sdN=622.0
fwN=1.60
sdE=1296.9
fwE=1.48
20250519T081538.0001.fits
SecZ=1.05
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.2 12.1
ALT/AZ=72.8 -99.5
fwAVG=1.50
sdW=1323.6
fwW=1.47
sdS=1647.1
fwS=1.43
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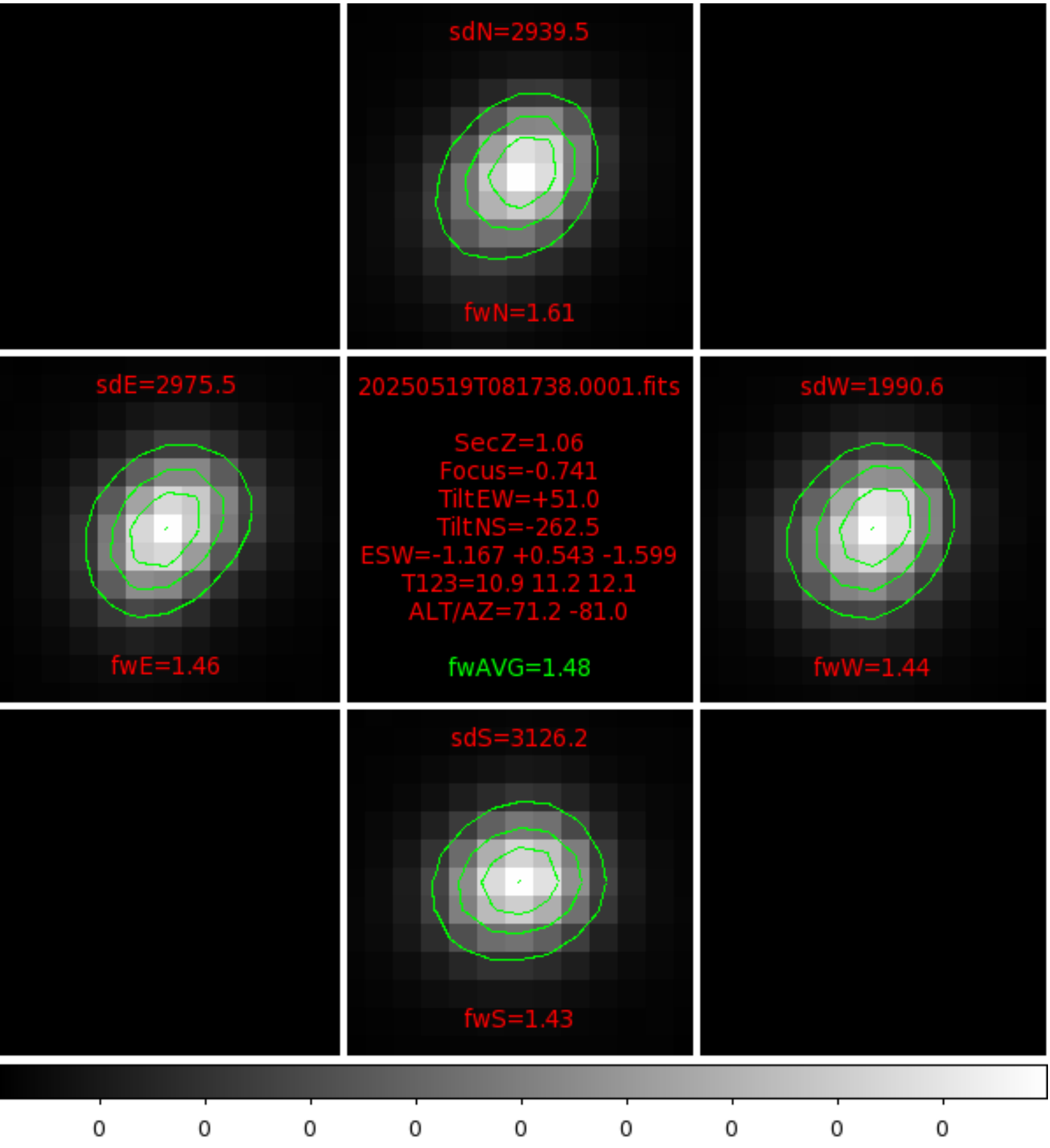
sdN=2939.5
fwN=1.61
sdE=2975.5
fwE=1.46
20250519T081738.0001.fits
SecZ=1.06
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.2 12.1
ALT/AZ=71.2 -81.0
fwAVG=1.48
sdW=1990.6
fwW=1.44
sdS=3126.2
fwS=1.43
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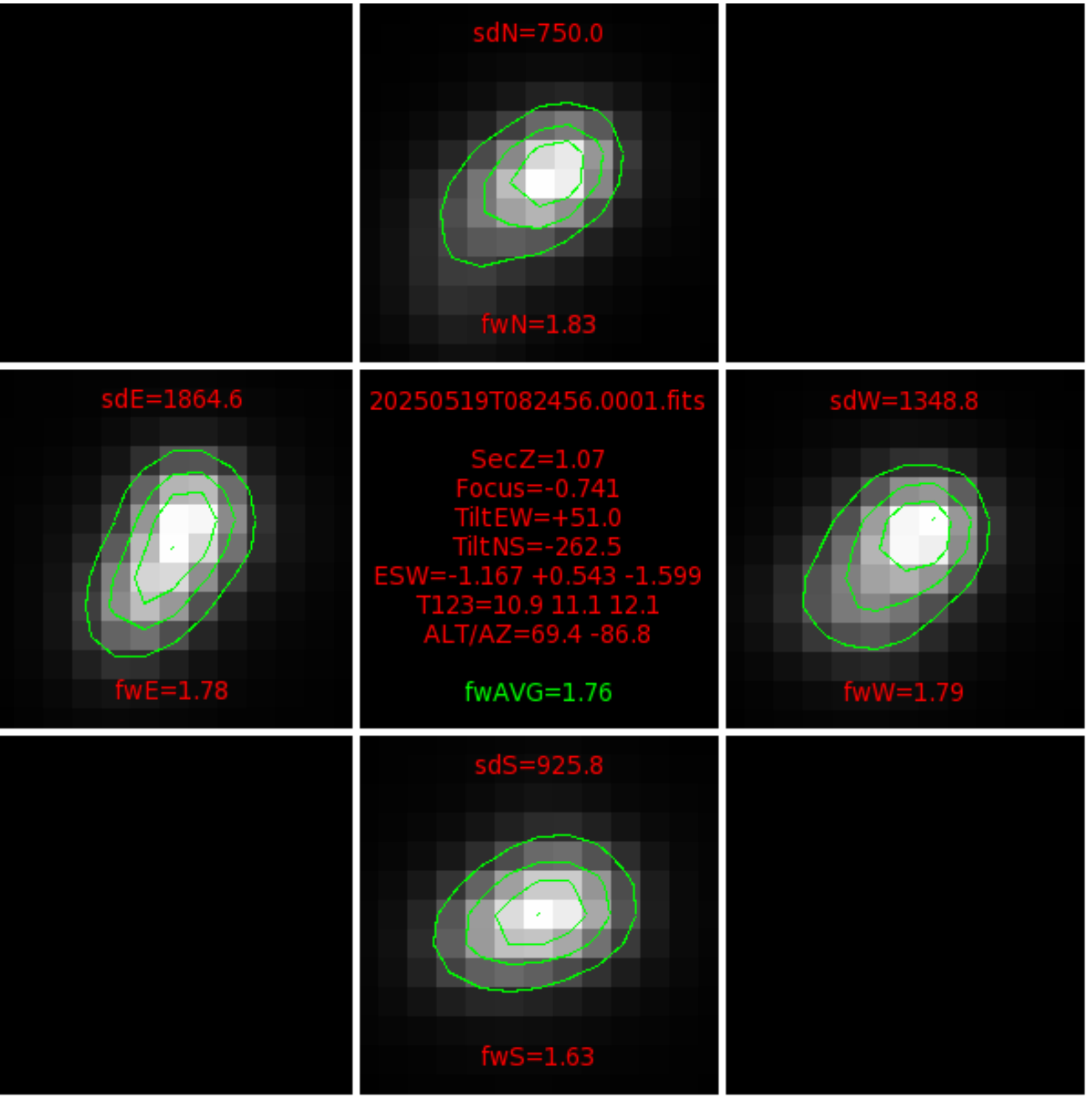
sdN=750.0
fwN=1.83
sdE=1864.6
fwE=1.78
20250519T082456.0001.fits
SecZ=1.07
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.1 12.1
ALT/AZ=69.4 -86.8
fwAVG=1.76
sdW=1348.8
fwW=1.79
sdS=925.8
fwS=1.63
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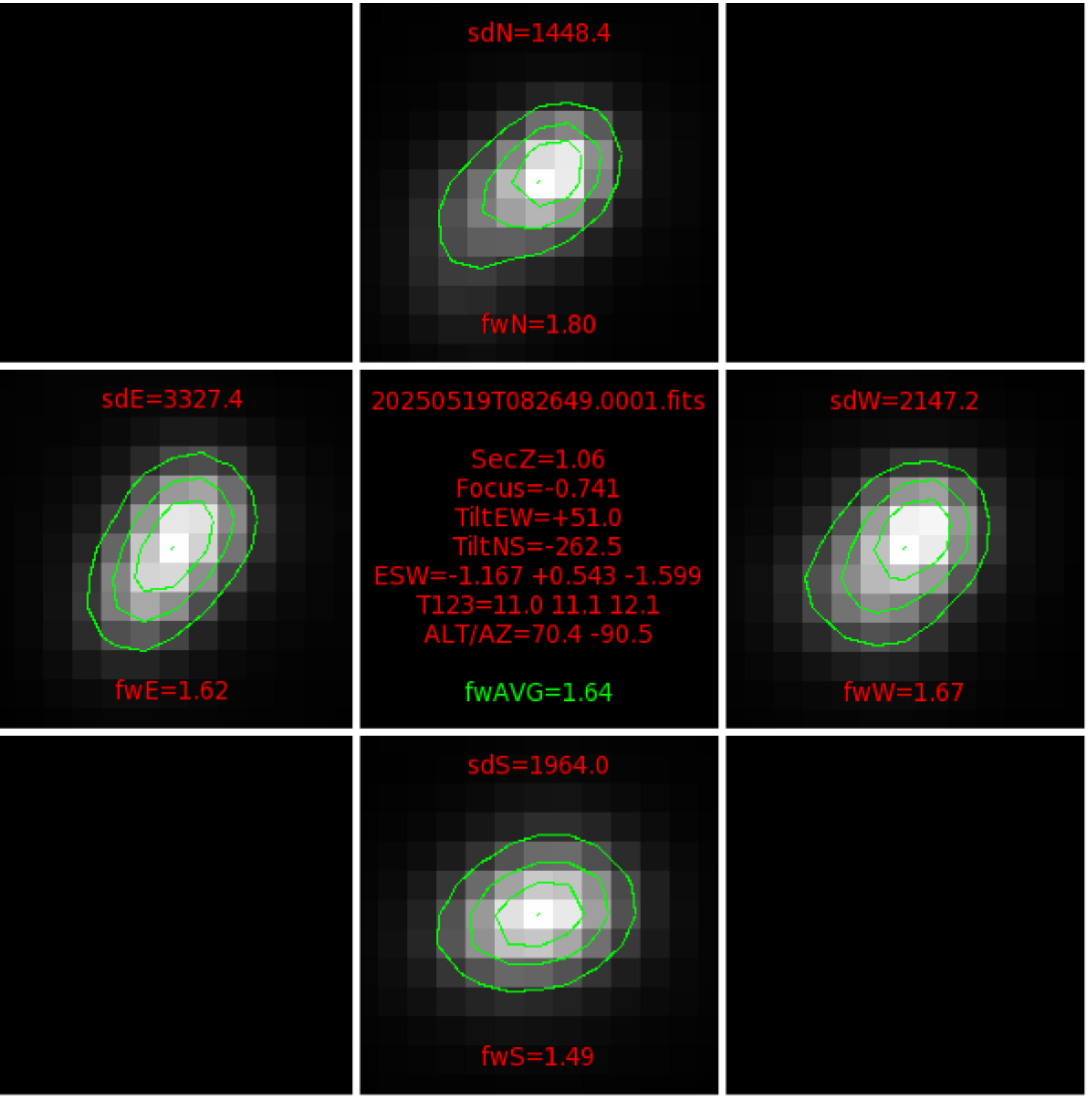
sdN=1448.4
fwN=1.80
sdE=3327.4
fwE=1.62
20250519T082649.0001.fits
SecZ=1.06
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.1 12.1
ALT/AZ=70.4 -90.5
fwAVG=1.64
sdW=2147.2
fwW=1.67
sdS=1964.0
fwS=1.49
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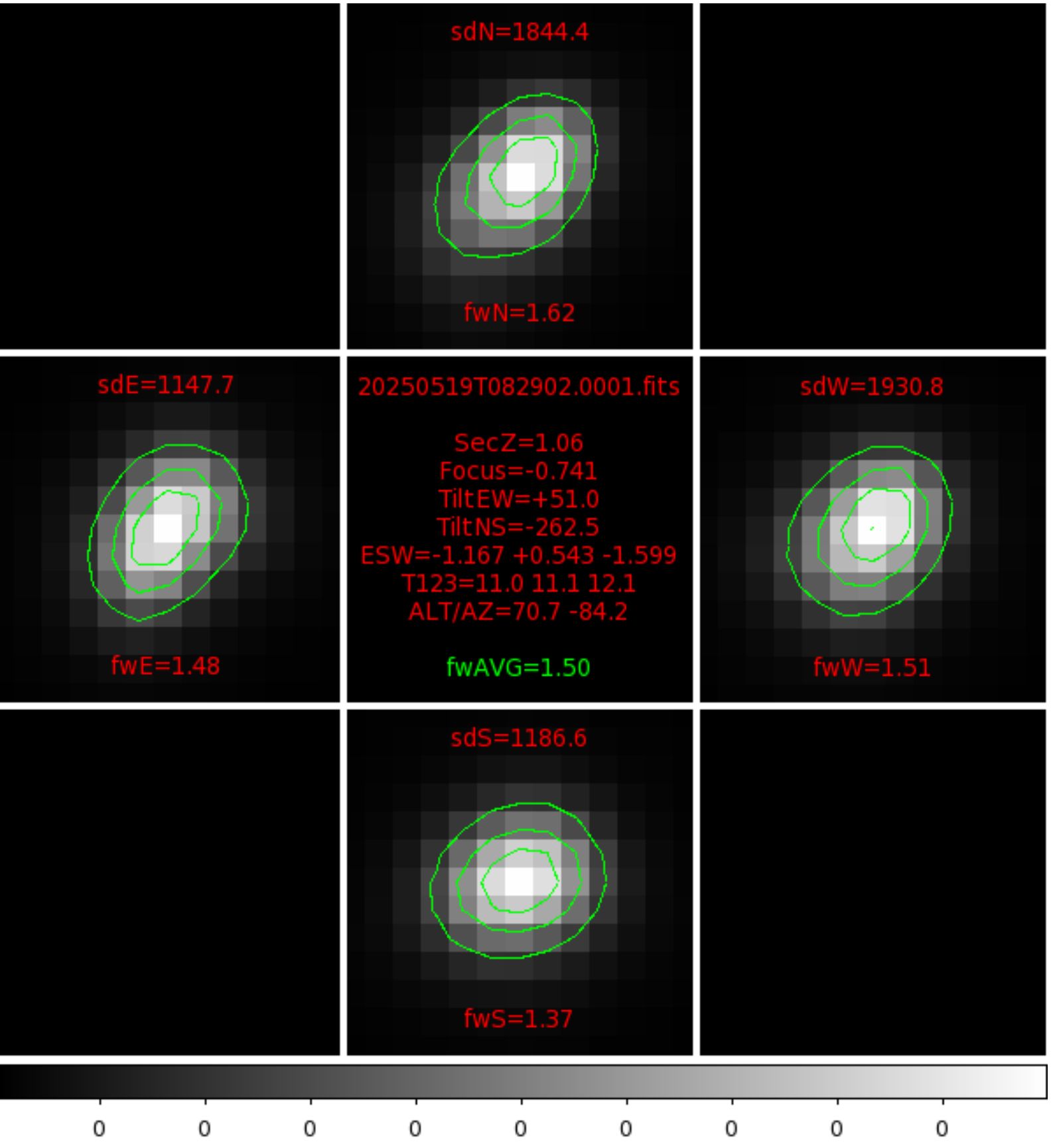
sdN=1844.4
fwN=1.62
sdE=1147.7
fwE=1.48
20250519T082902.0001.fits
SecZ=1.06
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.1 12.1
ALT/AZ=70.7 -84.2
fwAVG=1.50
sdW=1930.8
fwW=1.51
sdS=1186.6
fwS=1.37
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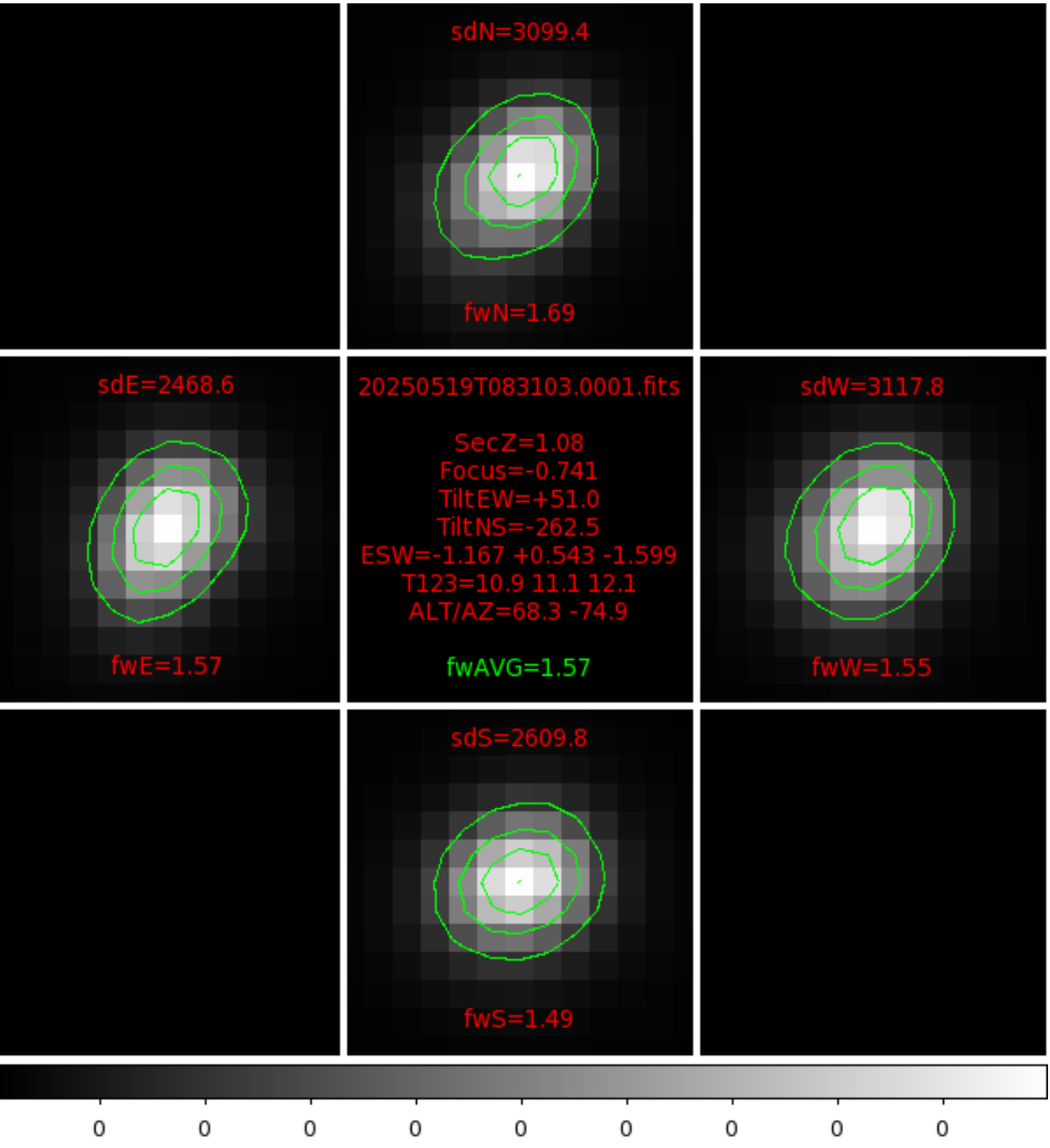
sdN=3099.4
fwN=1.69
sdE=2468.6
fwE=1.57
20250519T083103.0001.fits
SecZ=1.08
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.1 12.1
ALT/AZ=68.3 -74.9
fwAVG=1.57
sdW=3117.8
fwW=1.55
sdS=2609.8
fwS=1.49
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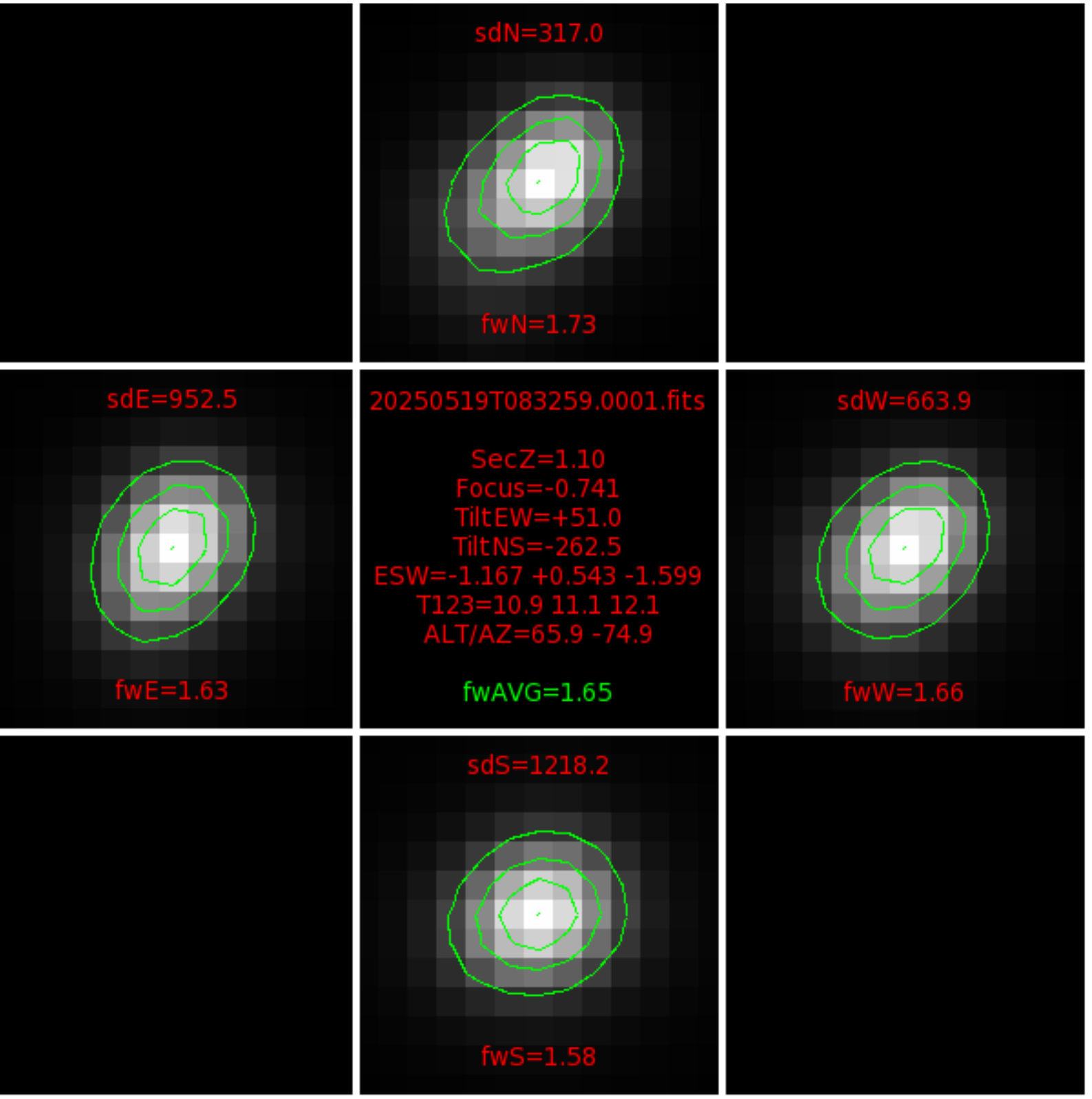
sdN=317.0
fwN=1.73
sdE=952.5
fwE=1.63
20250519T083259.0001.fits
SecZ=1.10
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.1 12.1
ALT/AZ=65.9 -74.9
fwAVG=1.65
sdW=663.9
fwW=1.66
sdS=1218.2
fwS=1.58
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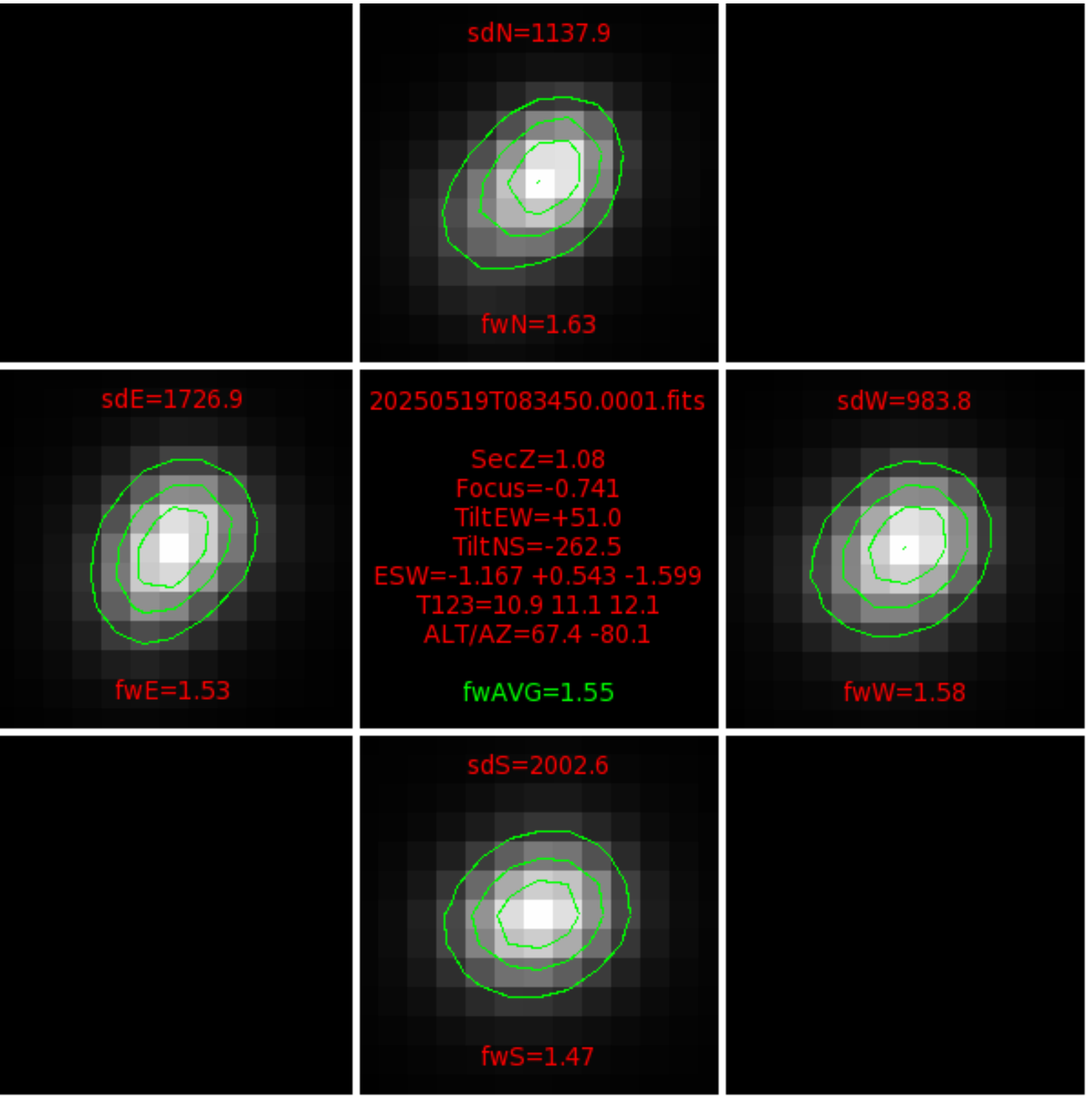
sdN=1137.9
fwN=1.63
sdE=1726.9
fwE=1.53
20250519T083450.0001.fits
SecZ=1.08
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.1 12.1
ALT/AZ=67.4 -80.1
fwAVG=1.55
sdW=983.8
fwW=1.58
sdS=2002.6
fwS=1.47
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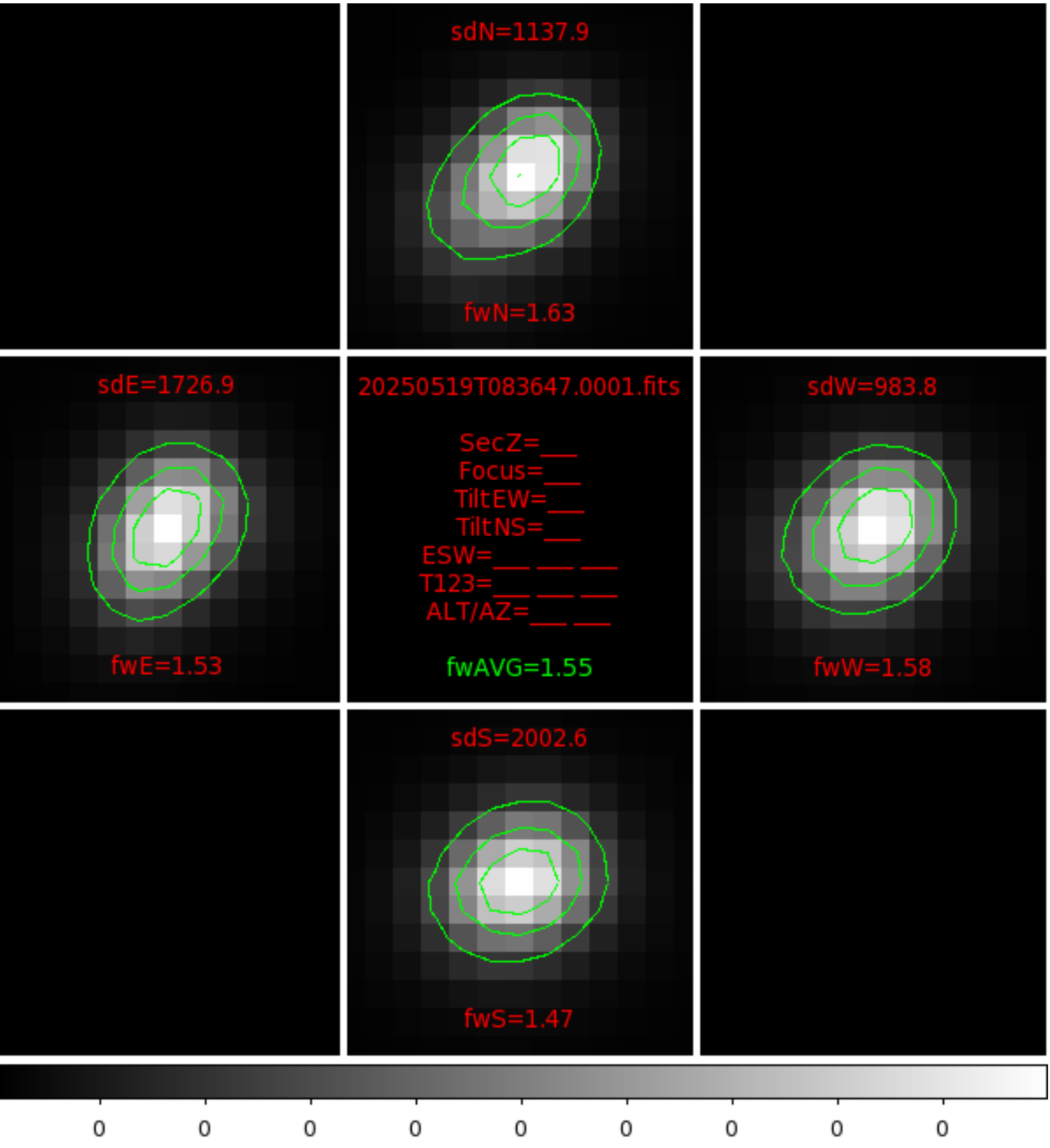
sdN=1137.9
fwN=1.63
sdE=1726.9
fwE=1.53
20250519T083647.0001.fits
SecZ=___
Focus=___
TiltEW=___
TiltNS=___
ESW=___ ___ ___
T123=___ ___ ___
ALT/AZ=___ ___
fwAVG=1.55
sdW=983.8
fwW=1.58
sdS=2002.6
fwS=1.47
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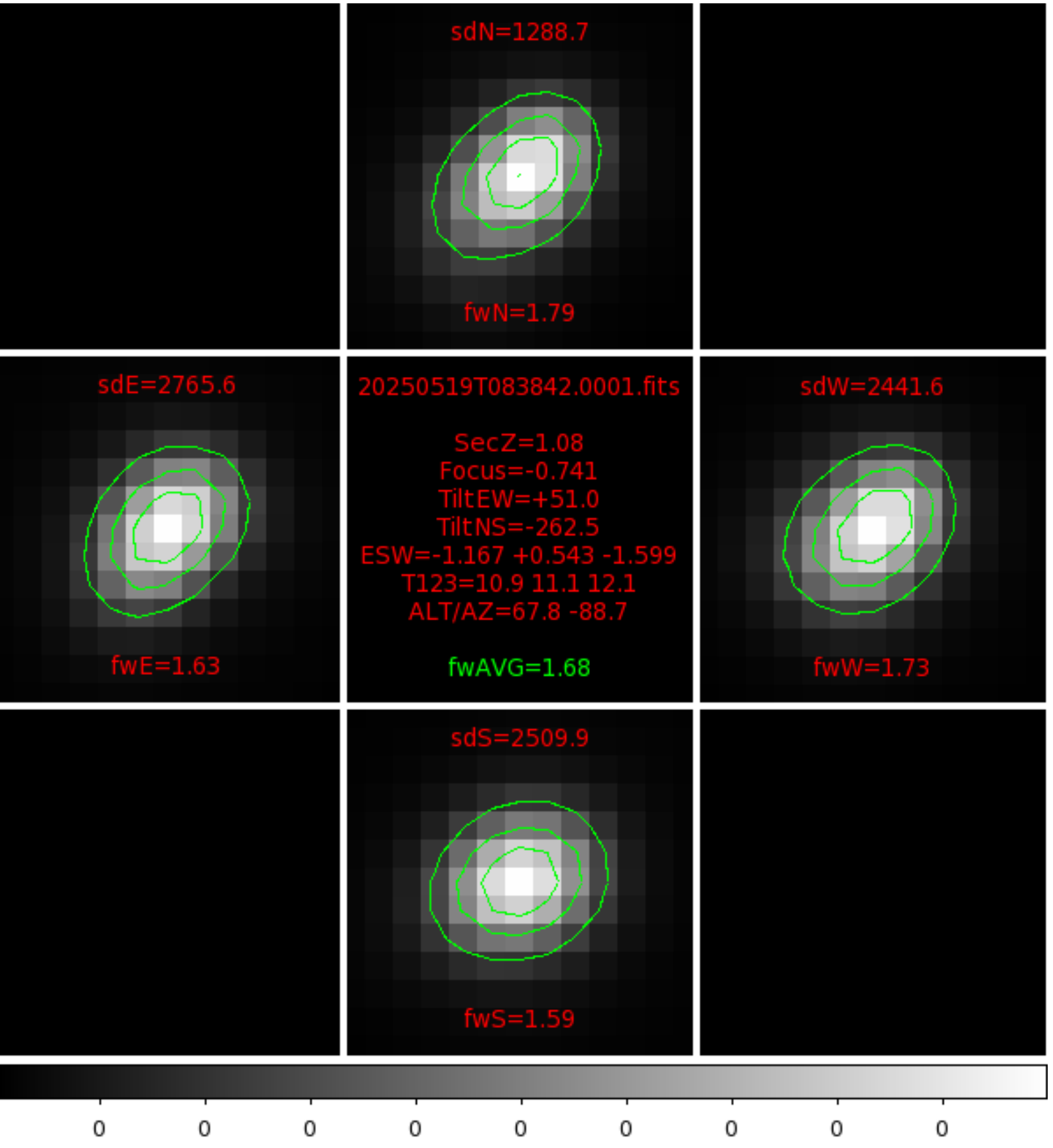
sdN=1288.7
fwN=1.79
sdE=2765.6
fwE=1.63
20250519T083842.0001.fits
SecZ=1.08
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.1 12.1
ALT/AZ=67.8 -88.7
fwAVG=1.68
sdW=2441.6
fwW=1.73
sdS=2509.9
fwS=1.59
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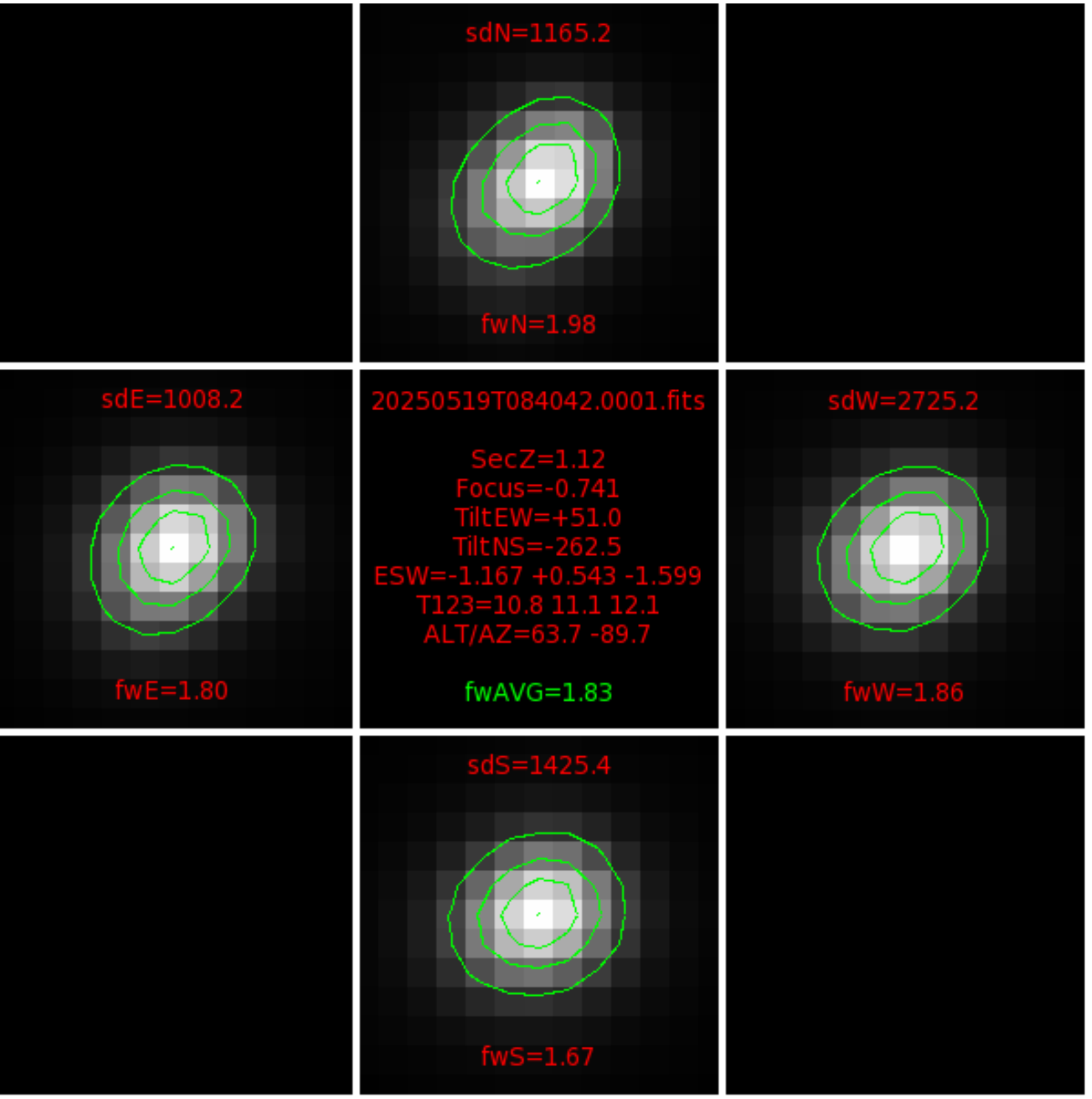
sdN=1165.2
fwN=1.98
sdE=1008.2
fwE=1.80
20250519T084042.0001.fits
SecZ=1.12
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.1 12.1
ALT/AZ=63.7 -89.7
fwAVG=1.83
sdW=2725.2
fwW=1.86
sdS=1425.4
fwS=1.67
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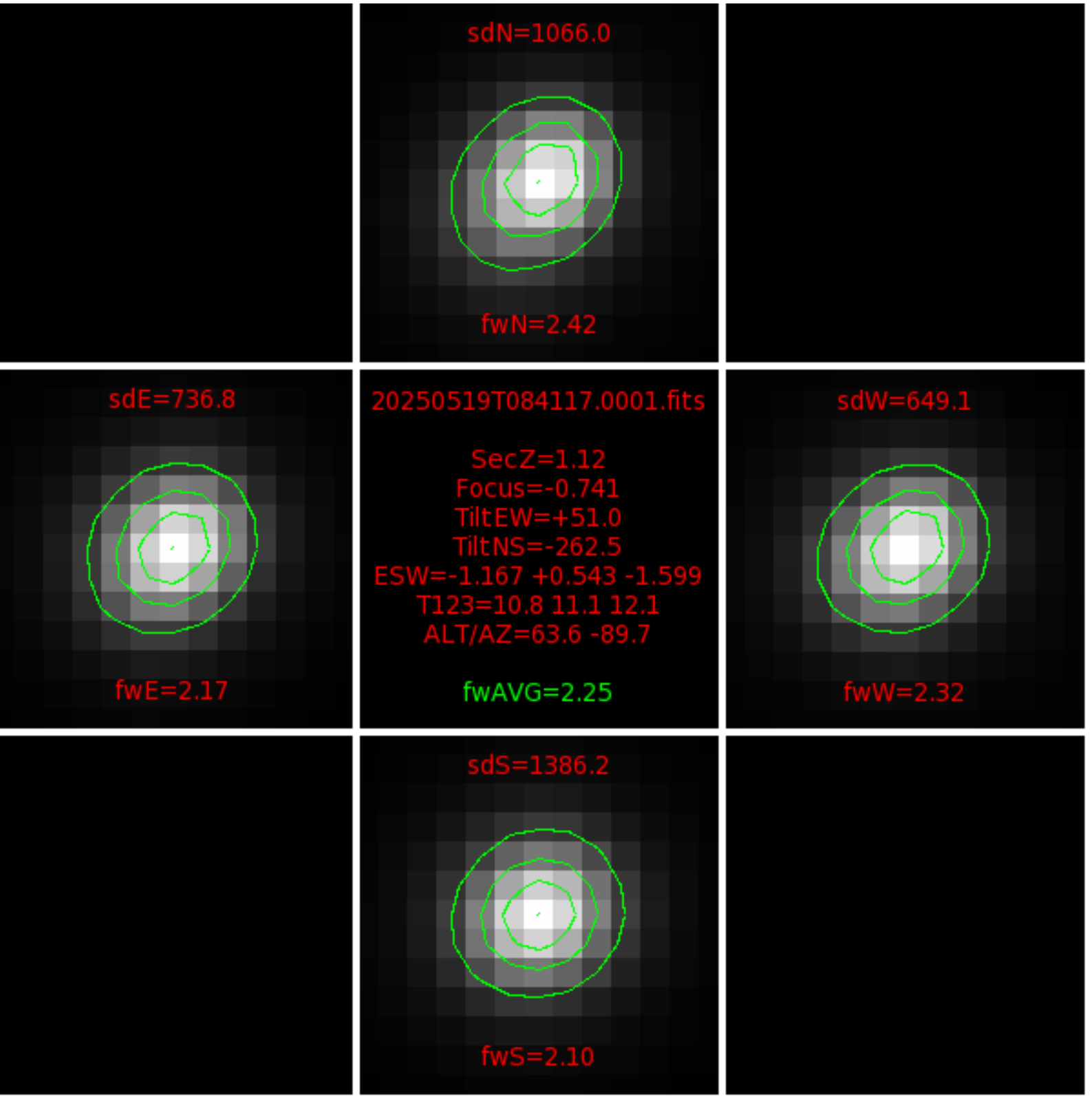
sdN=1066.0
fwN=2.42
sdE=736.8
fwE=2.17
20250519T084117.0001.fits
SecZ=1.12
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.1 12.1
ALT/AZ=63.6 -89.7
fwAVG=2.25
sdW=649.1
fwW=2.32
sdS=1386.2
fwS=2.10
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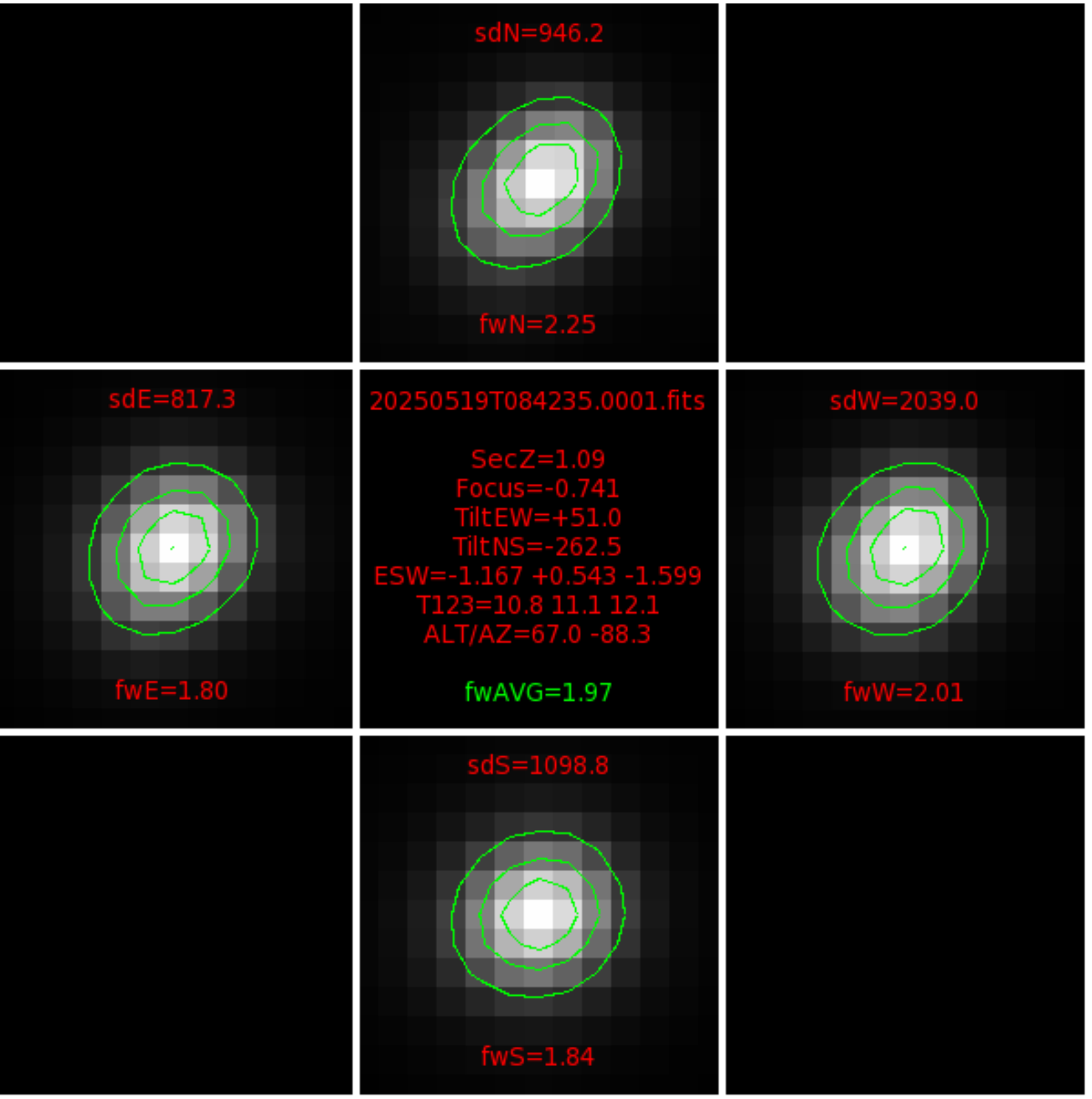
sdN=946.2
fwN=2.25
sdE=817.3
fwE=1.80
20250519T084235.0001.fits
SecZ=1.09
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.1 12.1
ALT/AZ=67.0 -88.3
fwAVG=1.97
sdW=2039.0
fwW=2.01
sdS=1098.8
fwS=1.84
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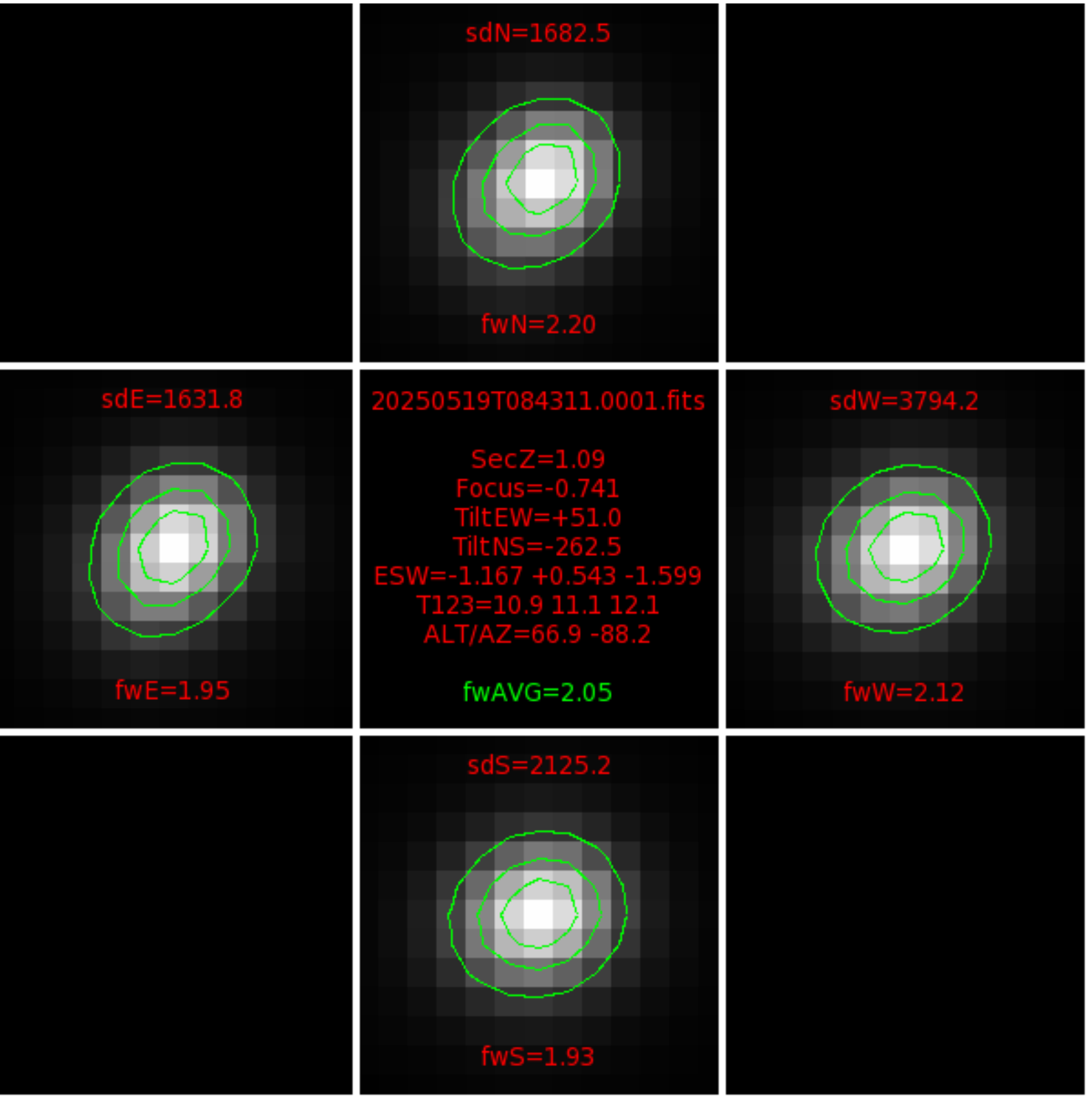
sdN=1682.5
fwN=2.20
sdE=1631.8
fwE=1.95
20250519T084311.0001.fits
SecZ=1.09
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.1 12.1
ALT/AZ=66.9 -88.2
fwAVG=2.05
sdW=3794.2
fwW=2.12
sdS=2125.2
fwS=1.93
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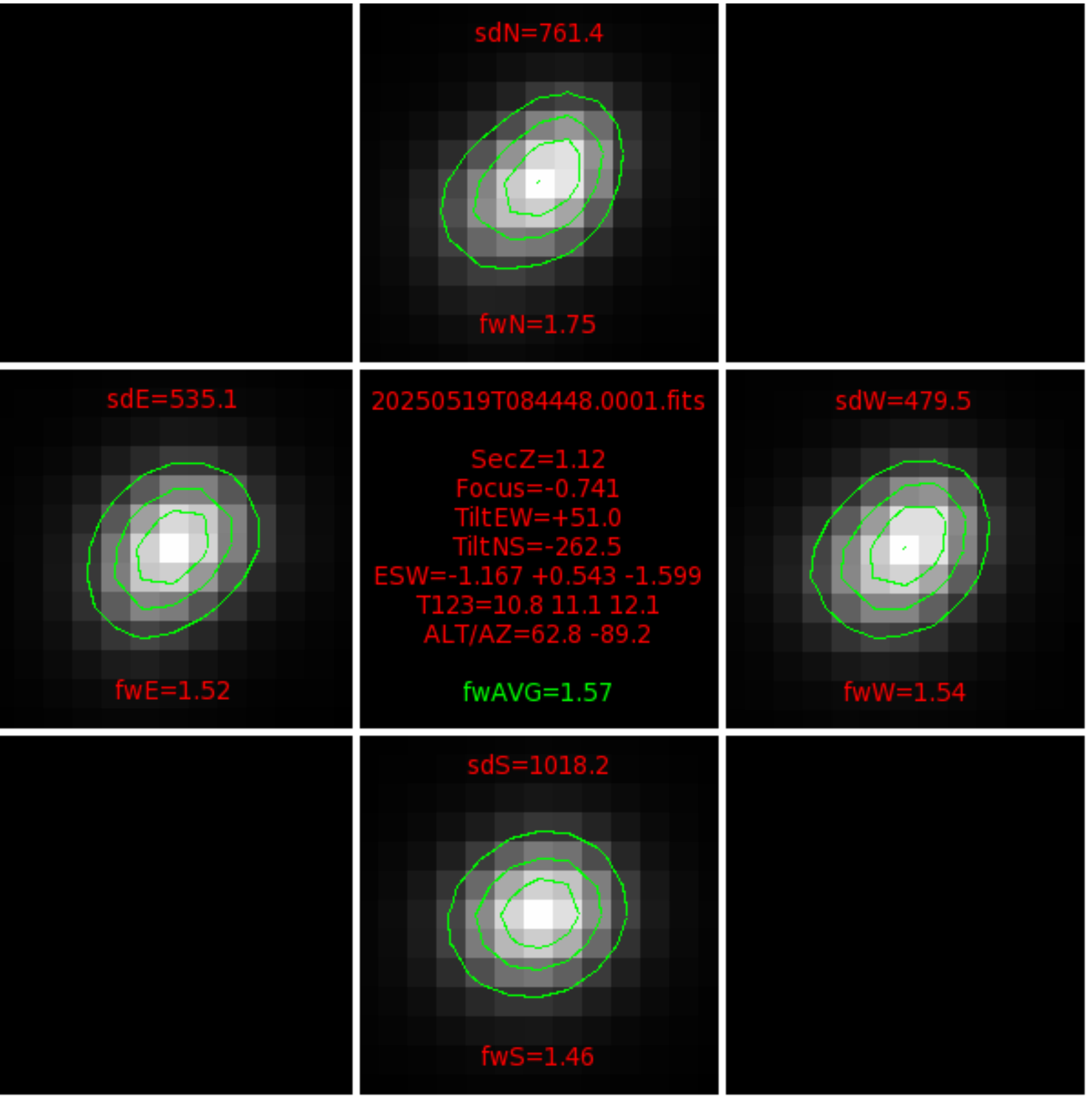
sdN=761.4
fwN=1.75
sdE=535.1
fwE=1.52
20250519T084448.0001.fits
SecZ=1.12
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.1 12.1
ALT/AZ=62.8 -89.2
fwAVG=1.57
sdW=479.5
fwW=1.54
sdS=1018.2
fwS=1.46
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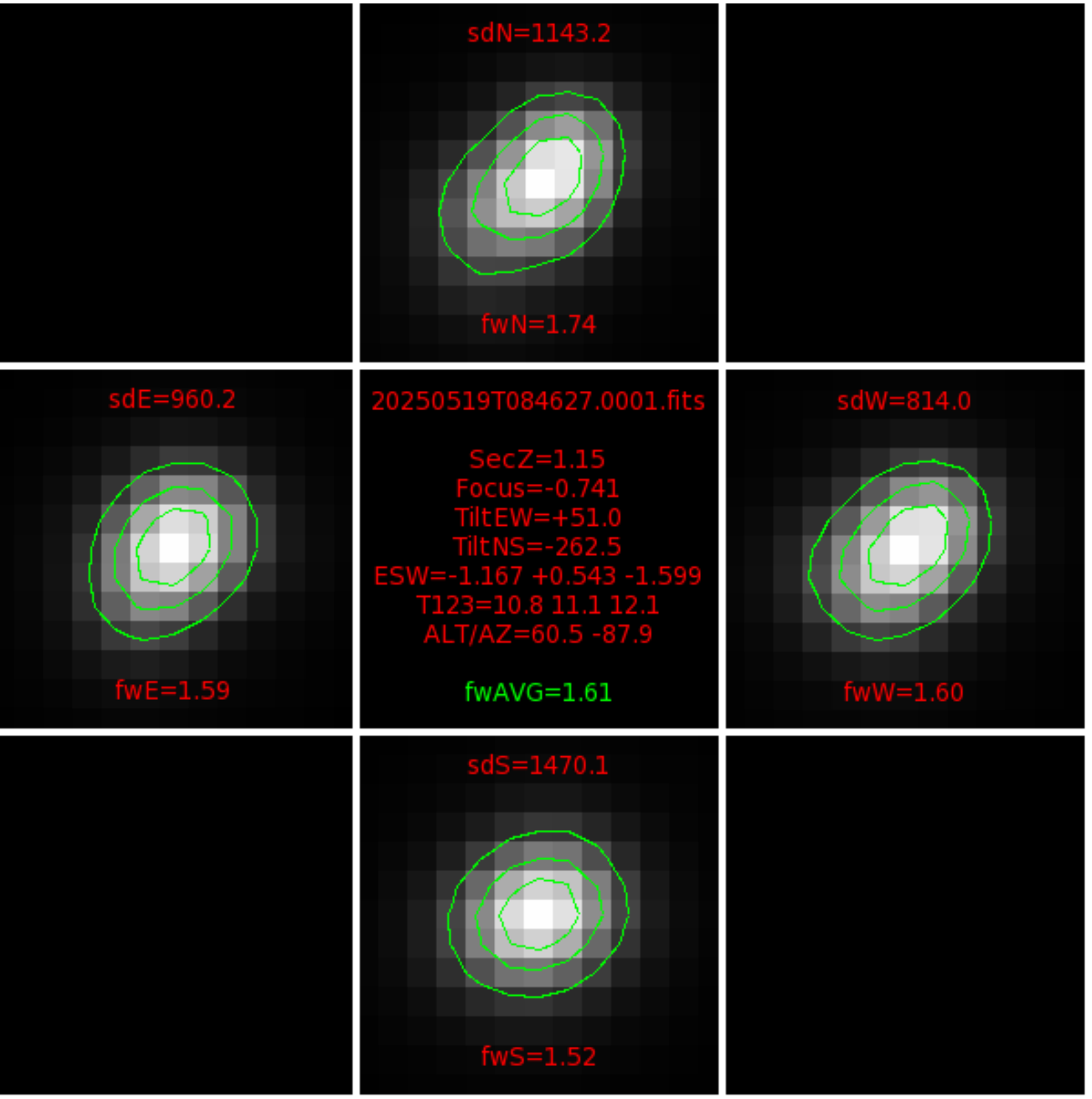
sdN=1143.2
fwN=1.74
sdE=960.2
fwE=1.59
20250519T084627.0001.fits
SecZ=1.15
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.1 12.1
ALT/AZ=60.5 -87.9
fwAVG=1.61
sdW=814.0
fwW=1.60
sdS=1470.1
fwS=1.52
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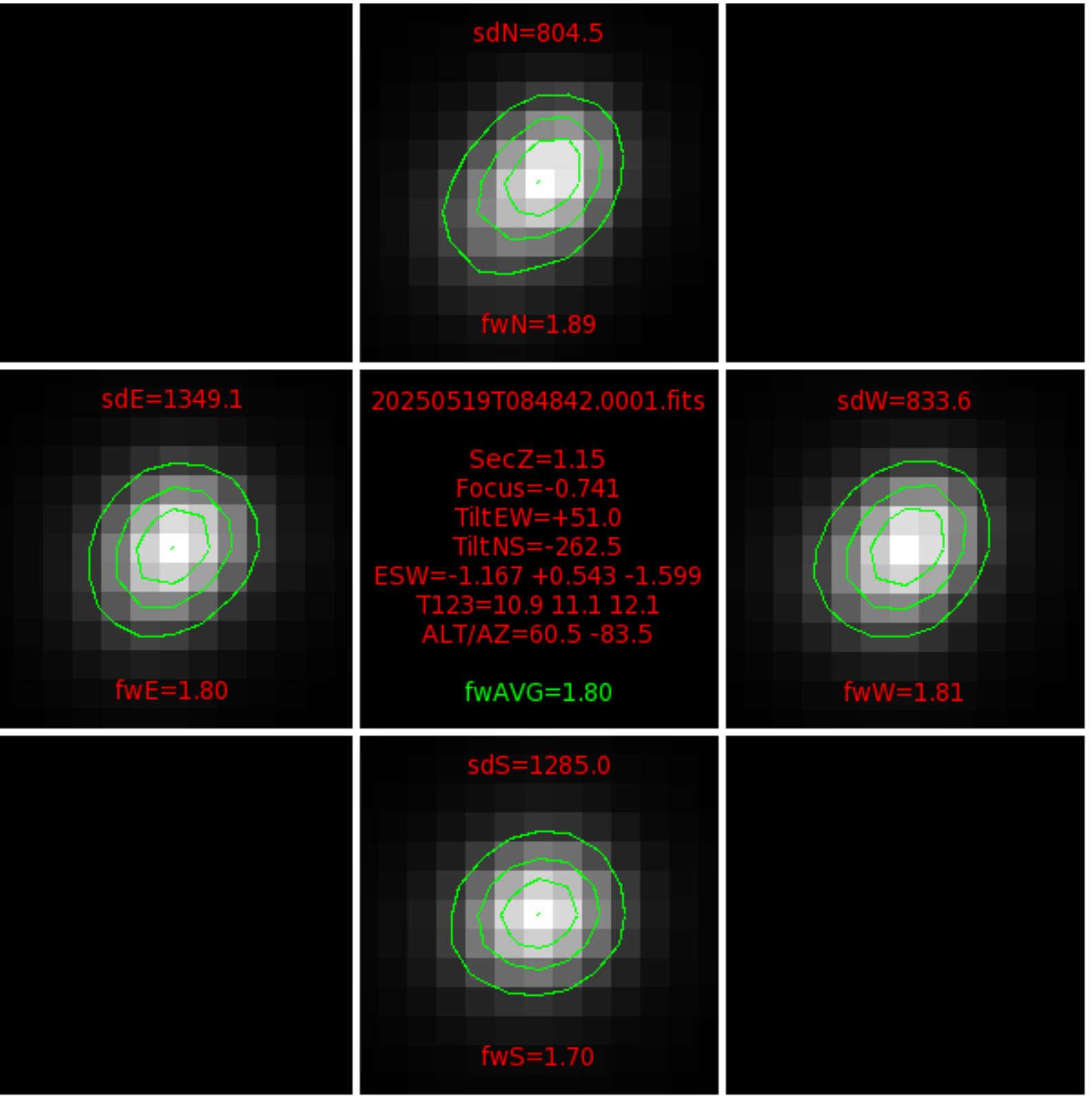
sdN=804.5
fwN=1.89
sdE=1349.1
fwE=1.80
20250519T084842.0001.fits
SecZ=1.15
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.1 12.1
ALT/AZ=60.5 -83.5
fwAVG=1.80
sdW=833.6
fwW=1.81
sdS=1285.0
fwS=1.70
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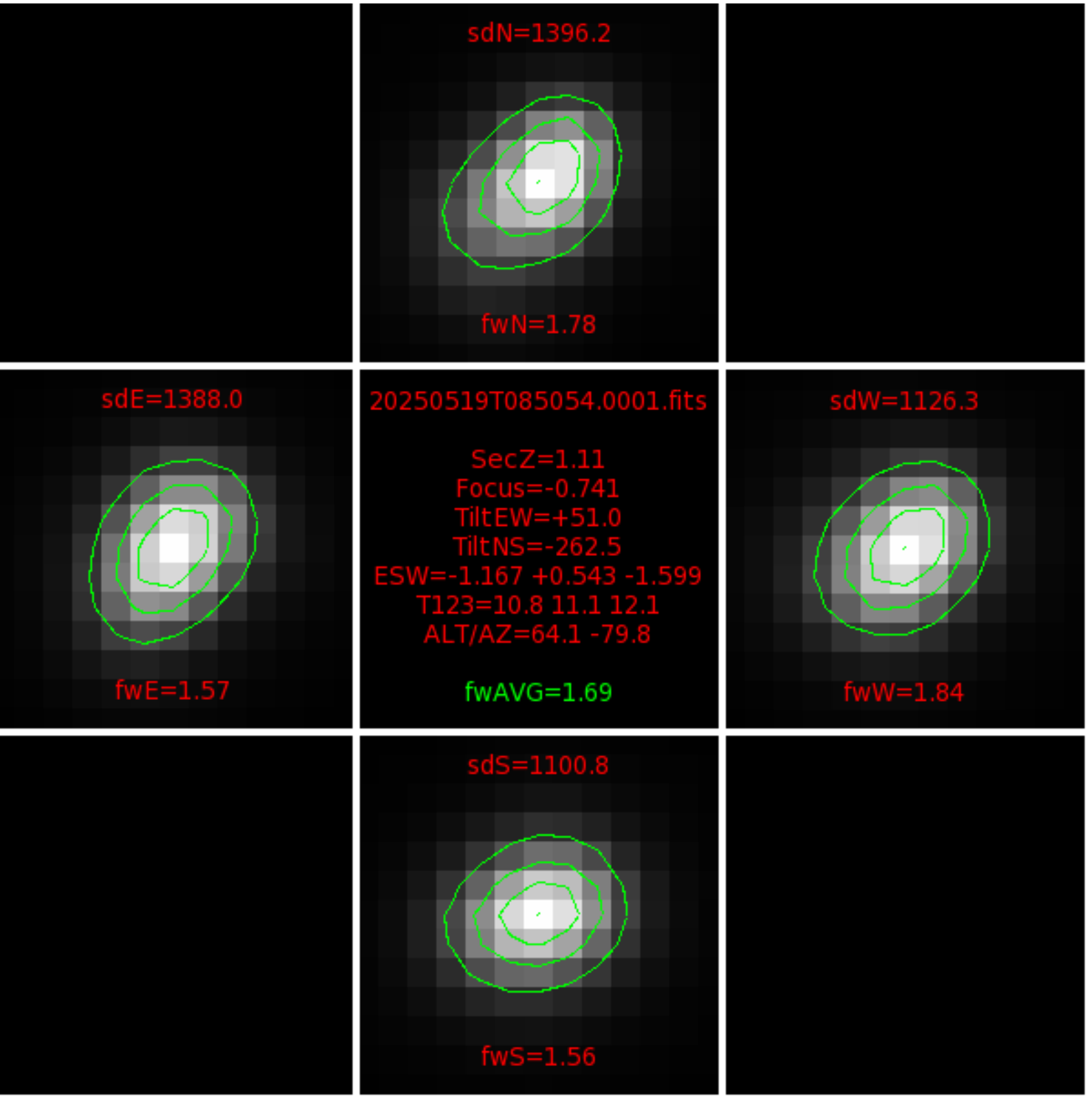
sdN=1396.2
fwN=1.78
sdE=1388.0
fwE=1.57
20250519T085054.0001.fits
SecZ=1.11
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.1 12.1
ALT/AZ=64.1 -79.8
fwAVG=1.69
sdW=1126.3
fwW=1.84
sdS=1100.8
fwS=1.56
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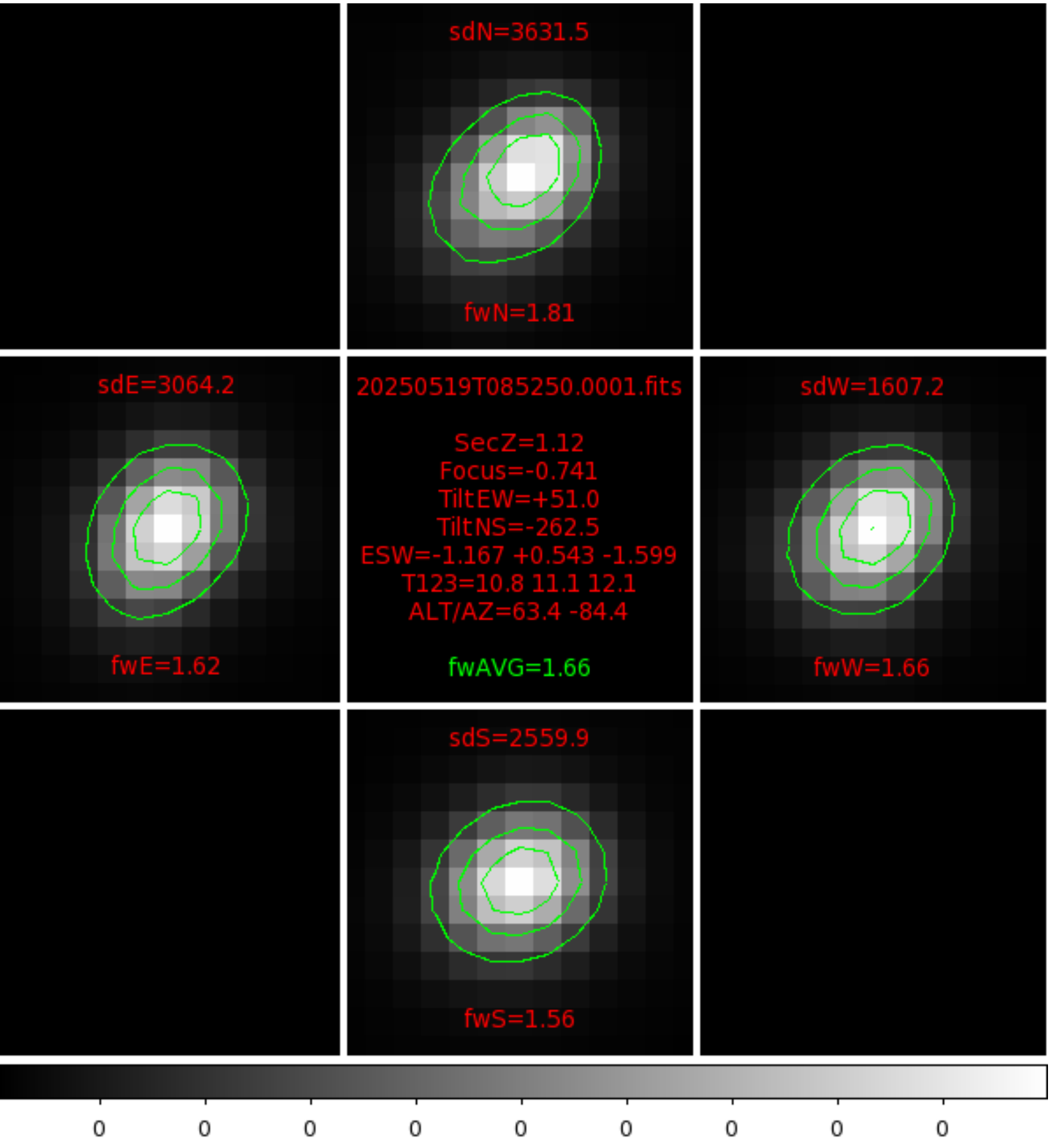
sdN=3631.5
fwN=1.81
sdE=3064.2
fwE=1.62
20250519T085250.0001.fits
SecZ=1.12
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.1 12.1
ALT/AZ=63.4 -84.4
fwAVG=1.66
sdW=1607.2
fwW=1.66
sdS=2559.9
fwS=1.56
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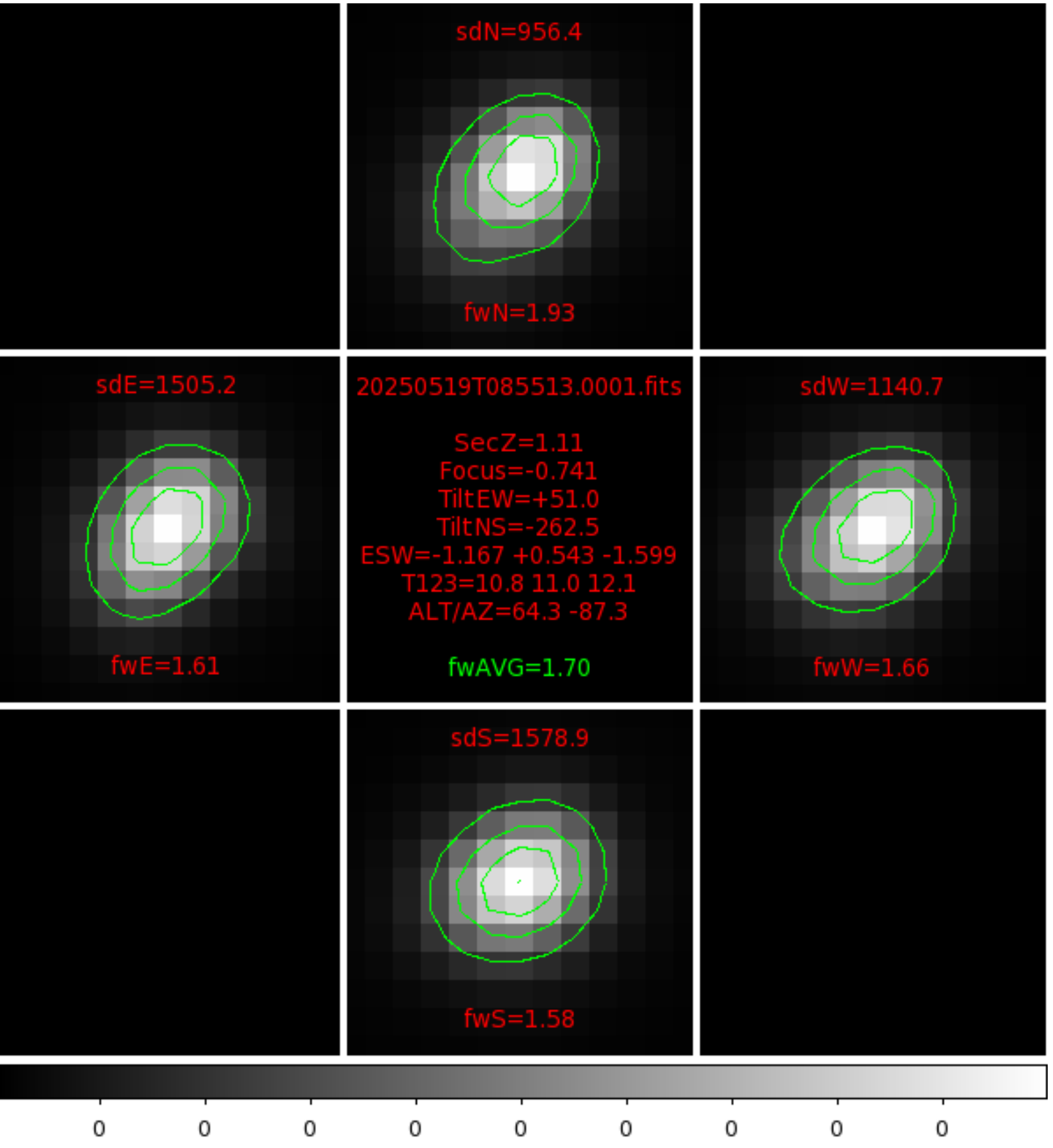
sdN=956.4
fwN=1.93
sdE=1505.2
fwE=1.61
20250519T085513.0001.fits
SecZ=1.11
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.0 12.1
ALT/AZ=64.3 -87.3
fwAVG=1.70
sdW=1140.7
fwW=1.66
sdS=1578.9
fwS=1.58
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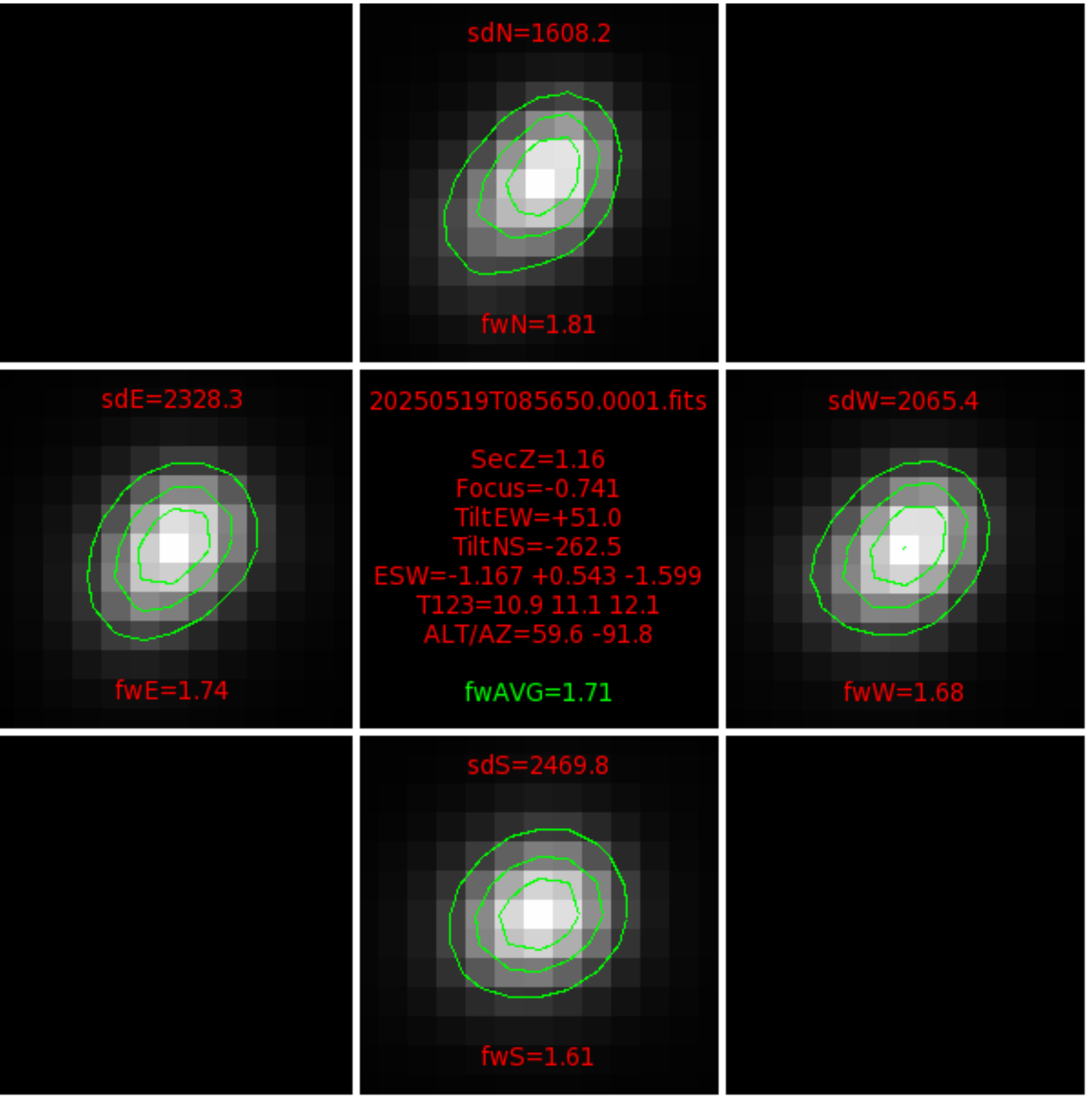
sdN=1608.2
fwN=1.81
sdE=2328.3
fwE=1.74
20250519T085650.0001.fits
SecZ=1.16
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.1 12.1
ALT/AZ=59.6 -91.8
fwAVG=1.71
sdW=2065.4
fwW=1.68
sdS=2469.8
fwS=1.61
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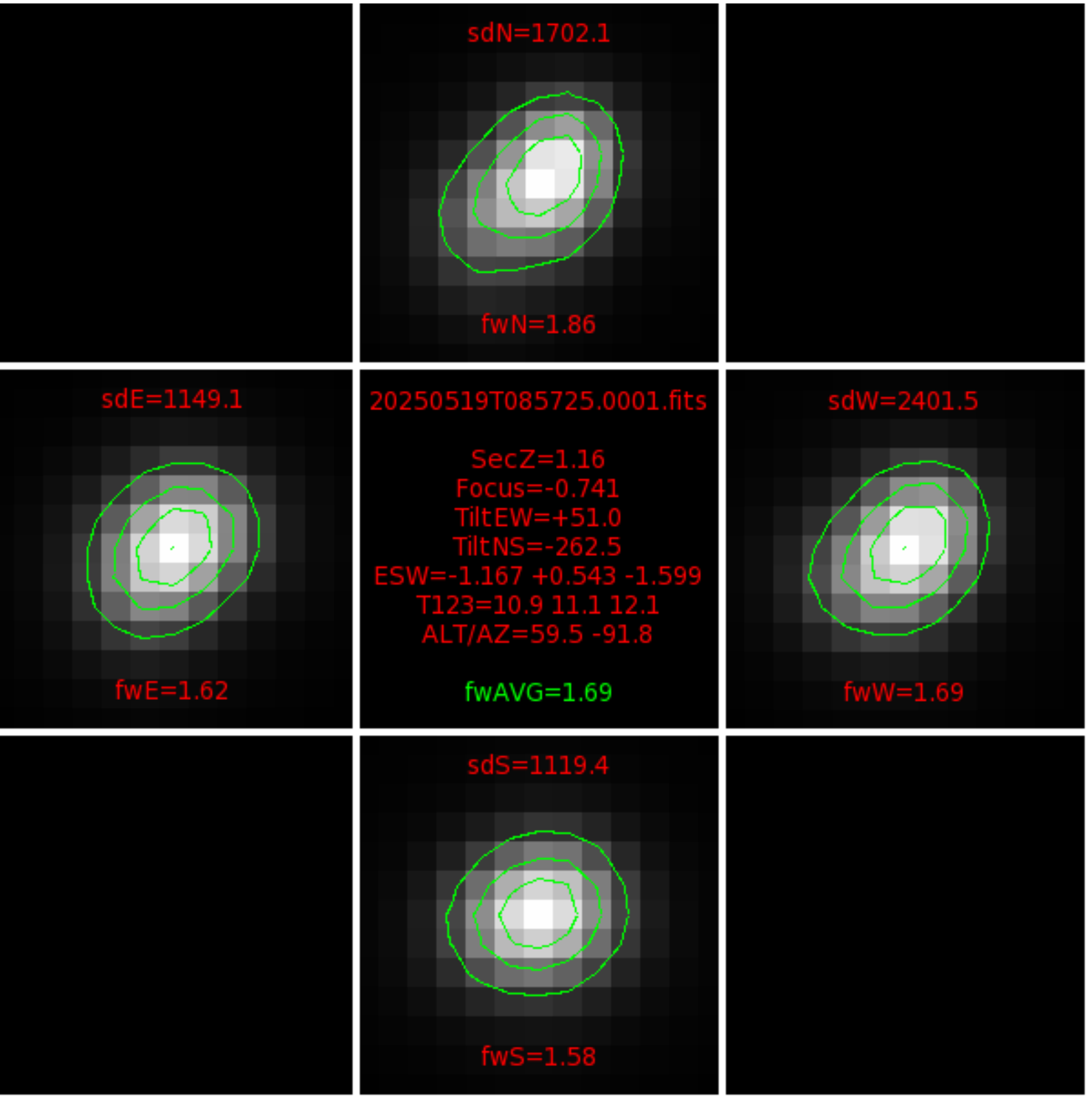
sdN=1702.1
fwN=1.86
sdE=1149.1
fwE=1.62
20250519T085725.0001.fits
SecZ=1.16
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.1 12.1
ALT/AZ=59.5 -91.8
fwAVG=1.69
sdW=2401.5
fwW=1.69
sdS=1119.4
fwS=1.58
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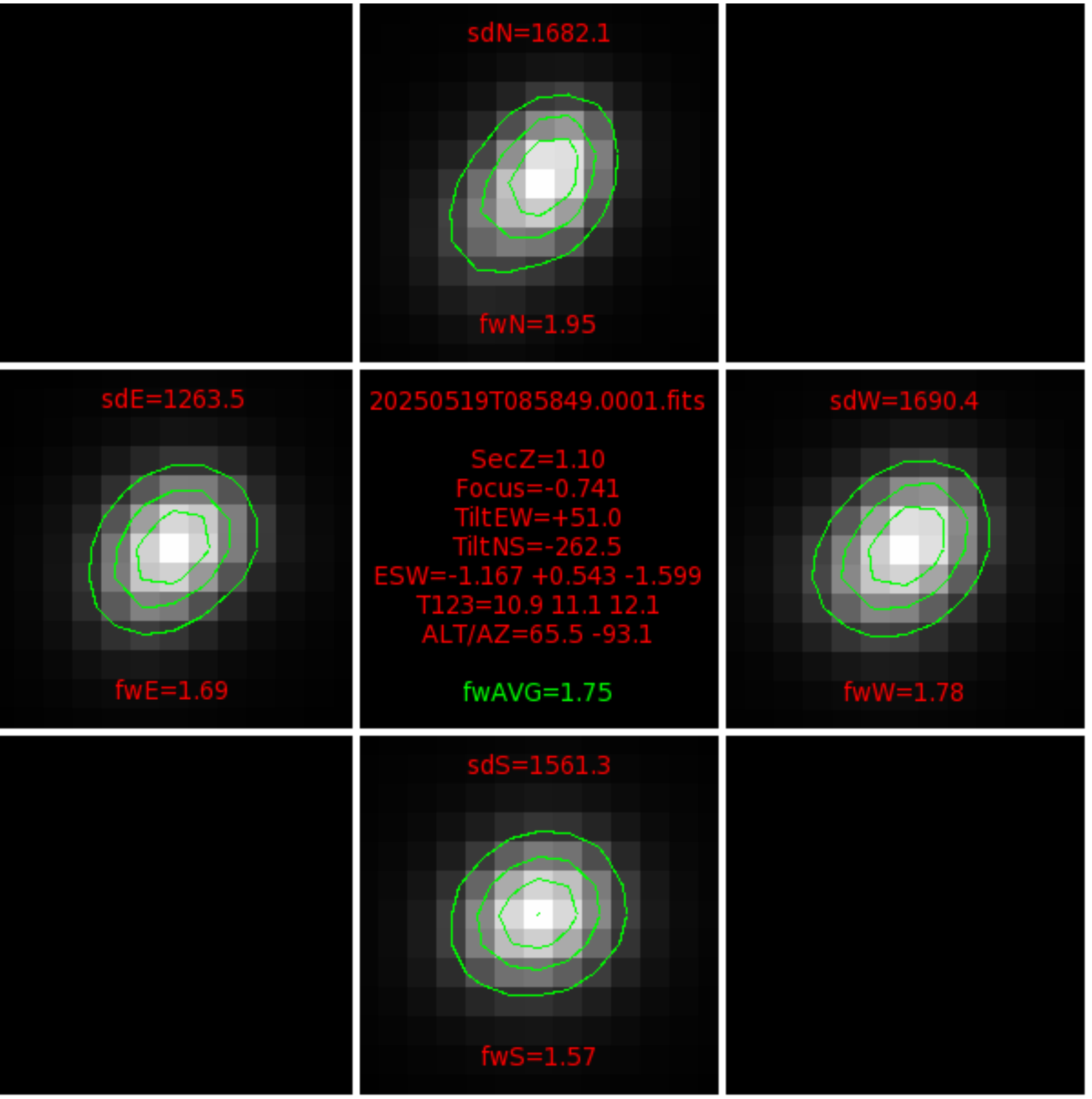
sdN=1682.1
fwN=1.95
sdE=1263.5
fwE=1.69
20250519T085849.0001.fits
SecZ=1.10
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.1 12.1
ALT/AZ=65.5 -93.1
fwAVG=1.75
sdW=1690.4
fwW=1.78
sdS=1561.3
fwS=1.57
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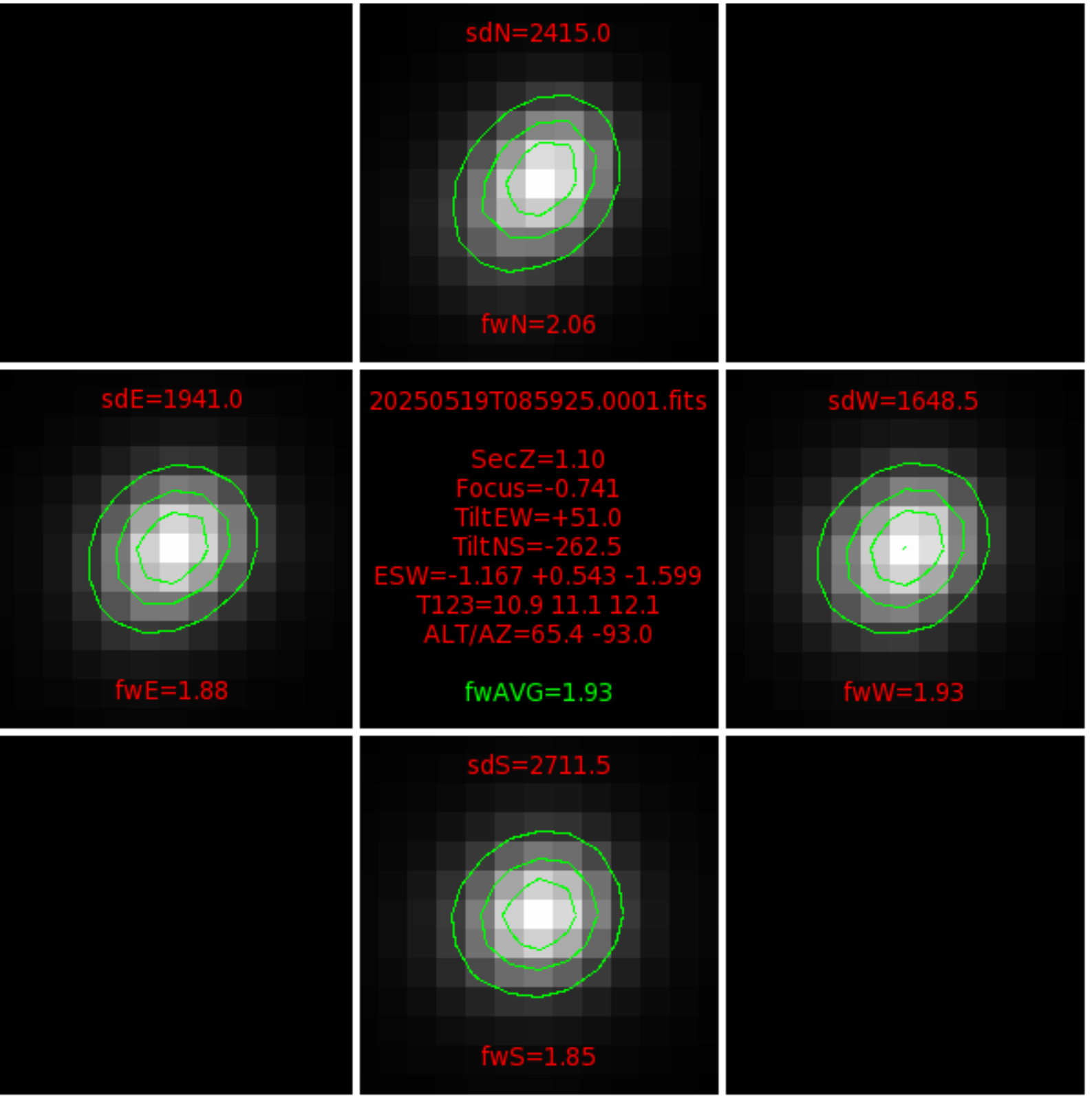
sdN=2415.0
fwN=2.06
sdE=1941.0
fwE=1.88
20250519T085925.0001.fits
SecZ=1.10
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.1 12.1
ALT/AZ=65.4 -93.0
fwAVG=1.93
sdW=1648.5
fwW=1.93
sdS=2711.5
fwS=1.85
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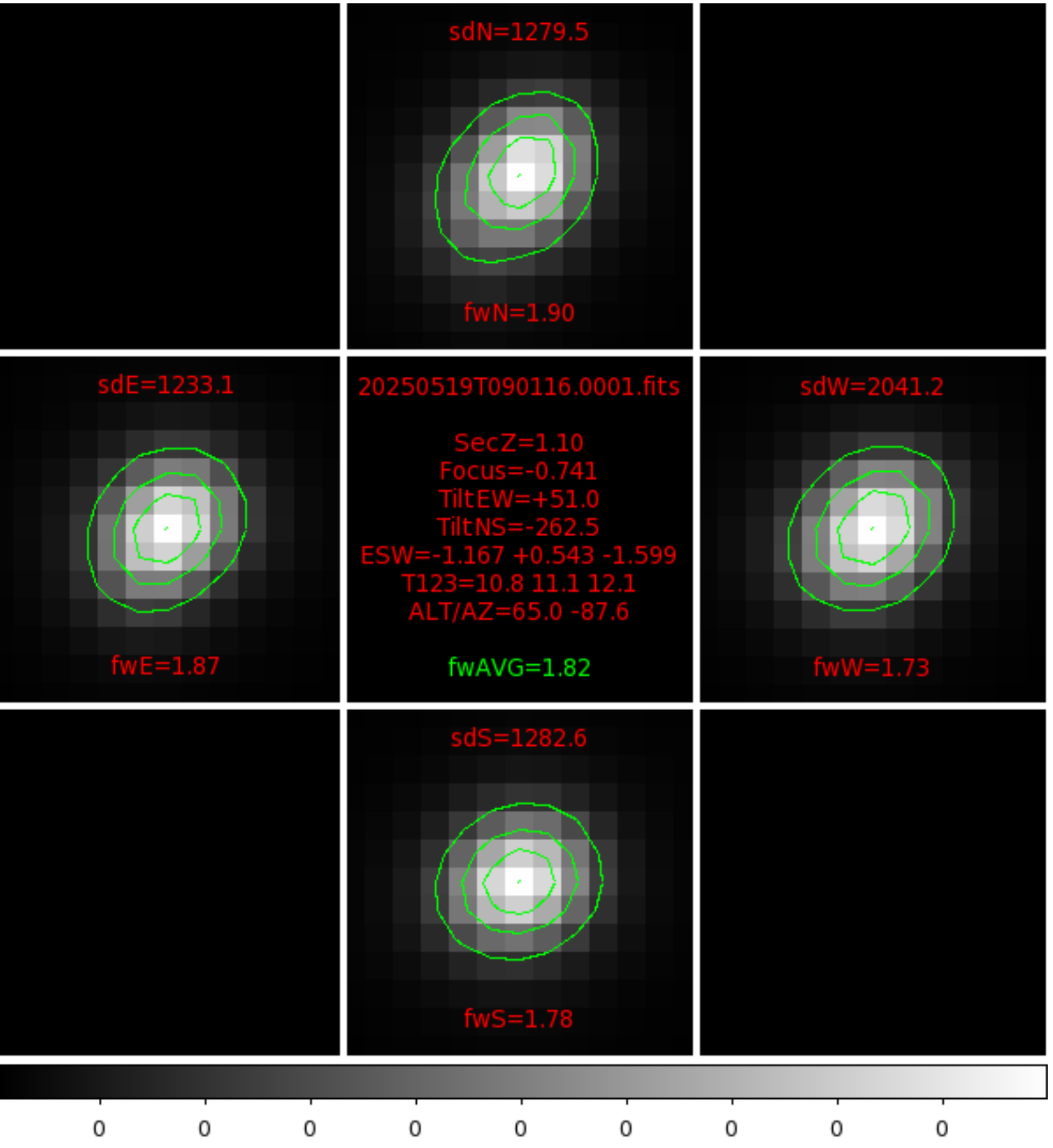
sdN=1279.5
fwN=1.90
sdE=1233.1
fwE=1.87
20250519T090116.0001.fits
SecZ=1.10
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.1 12.1
ALT/AZ=65.0 -87.6
fwAVG=1.82
sdW=2041.2
fwW=1.73
sdS=1282.6
fwS=1.78
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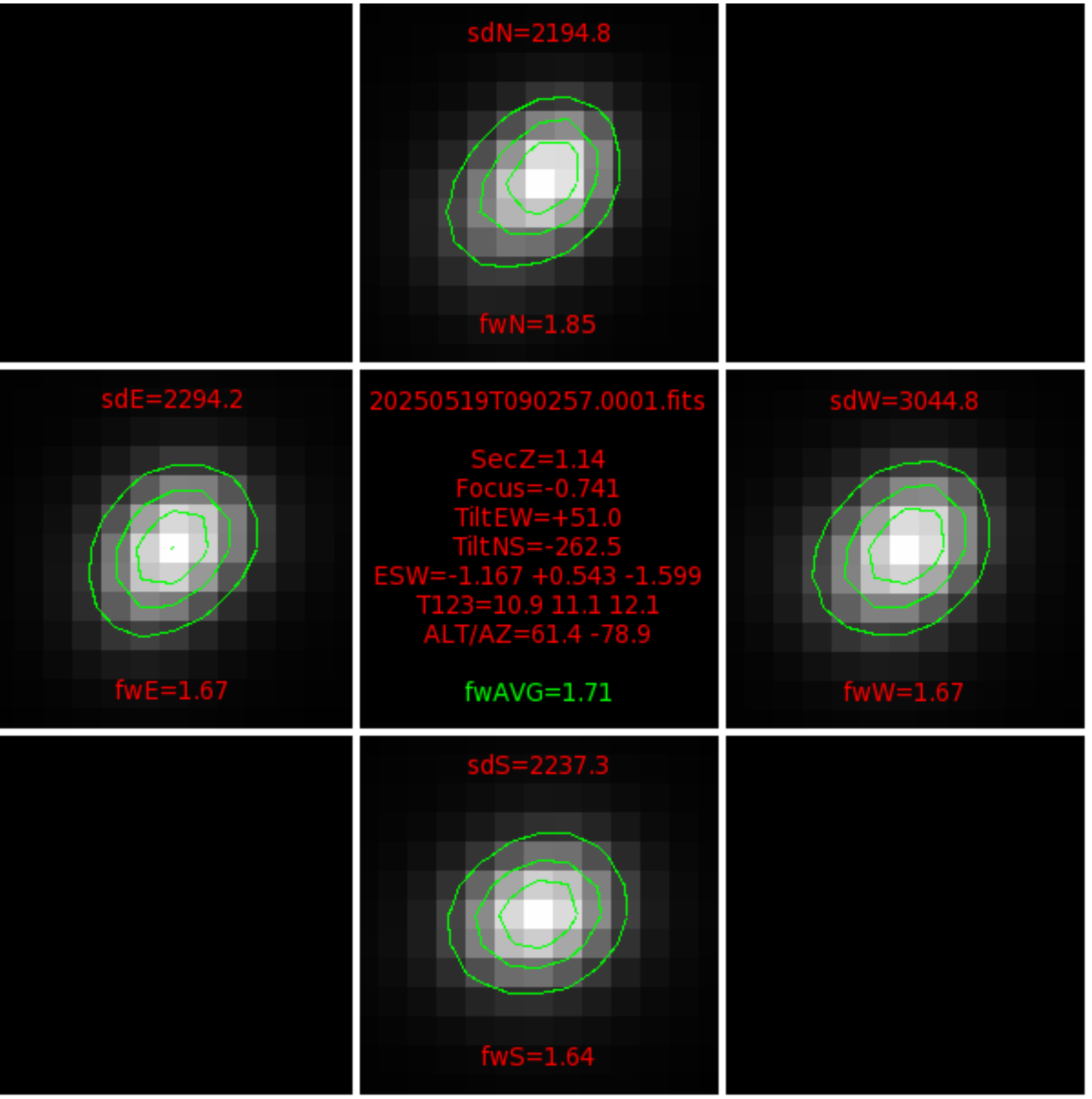
sdN=2194.8
fwN=1.85
sdE=2294.2
fwE=1.67
20250519T090257.0001.fits
SecZ=1.14
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.1 12.1
ALT/AZ=61.4 -78.9
fwAVG=1.71
sdW=3044.8
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sdS=2237.3
fwS=1.64
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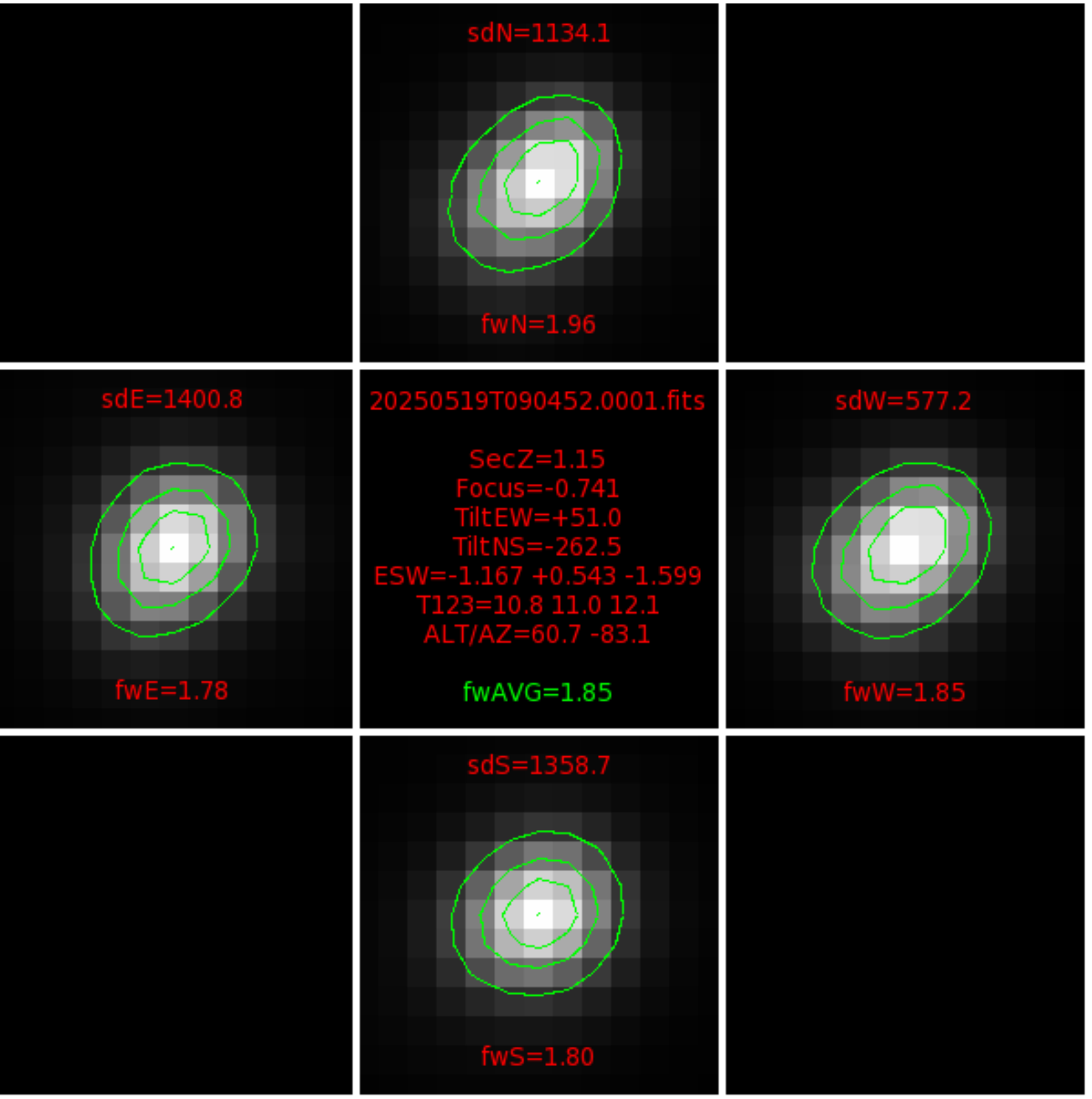
sdN=1134.1
fwN=1.96
sdE=1400.8
fwE=1.78
20250519T090452.0001.fits
SecZ=1.15
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.0 12.1
ALT/AZ=60.7 -83.1
fwAVG=1.85
sdW=577.2
fwW=1.85
sdS=1358.7
fwS=1.80
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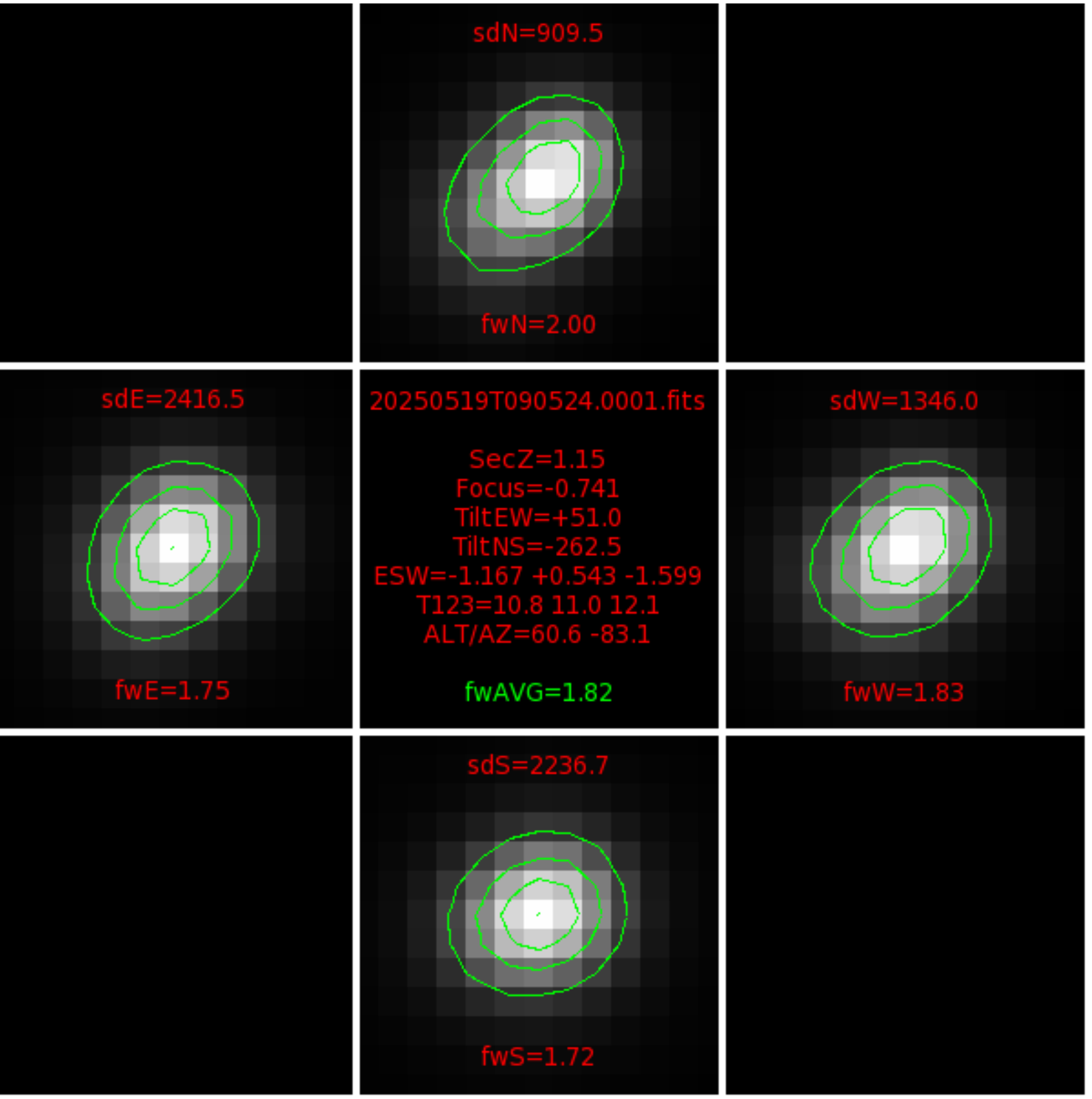
sdN=909.5
fwN=2.00
sdE=2416.5
fwE=1.75
20250519T090524.0001.fits
SecZ=1.15
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.0 12.1
ALT/AZ=60.6 -83.1
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sdW=1346.0
fwW=1.83
sdS=2236.7
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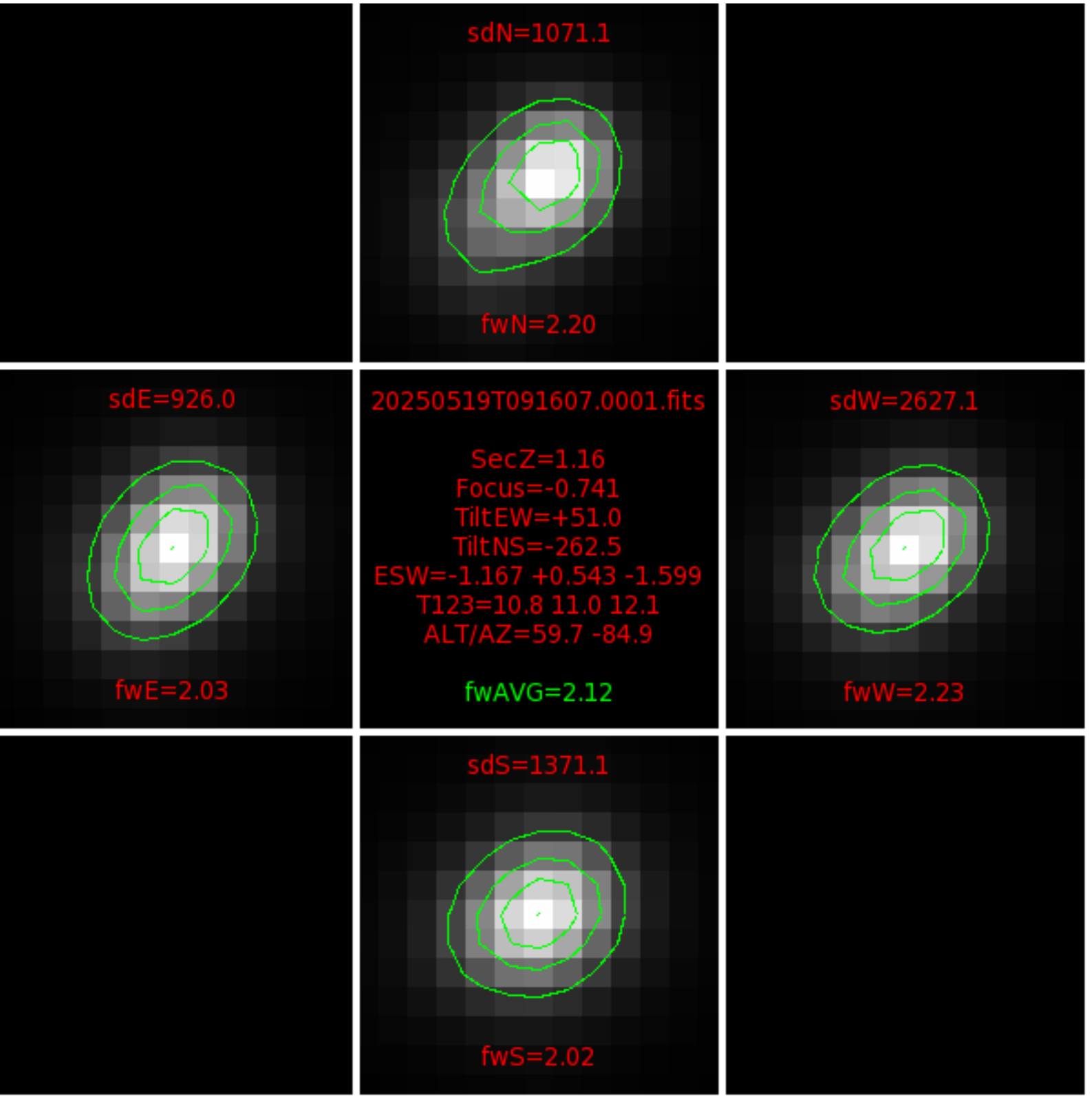
sdN=1071.1
fwN=2.20
sdE=926.0
fwE=2.03
20250519T091607.0001.fits
SecZ=1.16
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.0 12.1
ALT/AZ=59.7 -84.9
fwAVG=2.12
sdW=2627.1
fwW=2.23
sdS=1371.1
fwS=2.02
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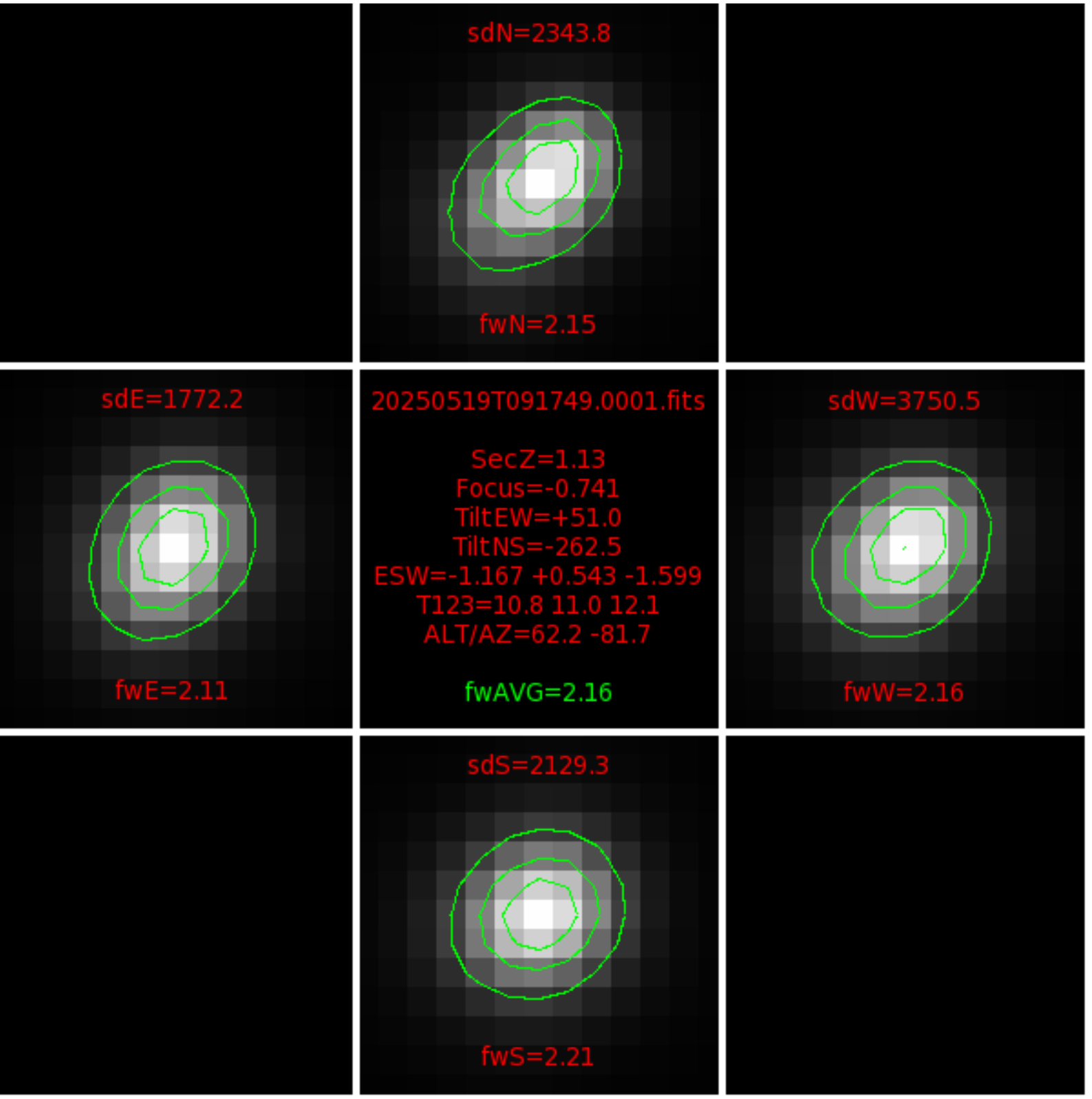
sdN=2343.8
fwN=2.15
sdE=1772.2
fwE=2.11
20250519T091749.0001.fits
SecZ=1.13
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.8 11.0 12.1
ALT/AZ=62.2 -81.7
fwAVG=2.16
sdW=3750.5
fwW=2.16
sdS=2129.3
fwS=2.21
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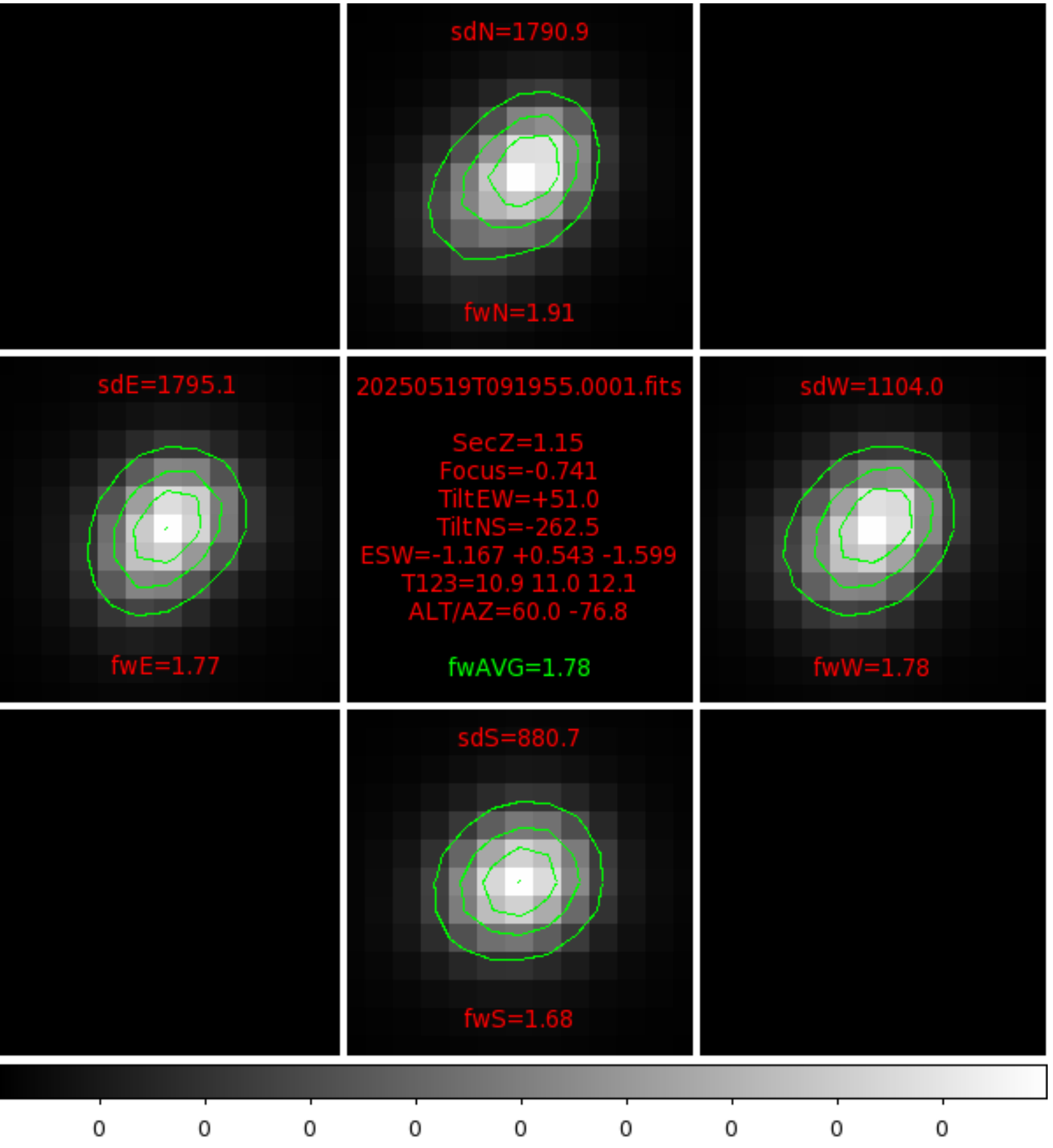
sdN=1790.9
fwN=1.91
sdE=1795.1
fwE=1.77
20250519T091955.0001.fits
SecZ=1.15
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.0 12.1
ALT/AZ=60.0 -76.8
fwAVG=1.78
sdW=1104.0
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sdS=880.7
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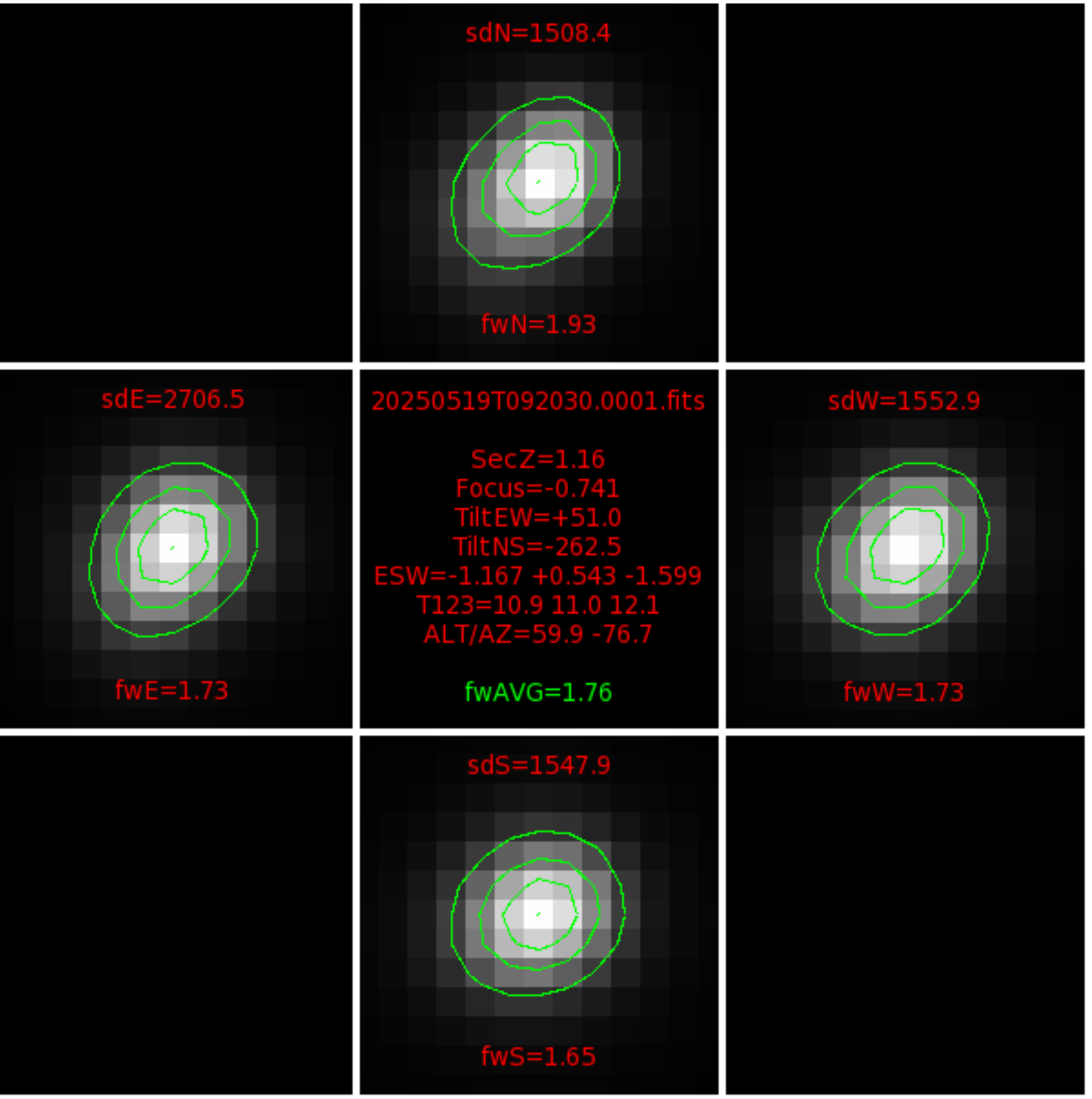
sdN=1508.4
fwN=1.93
sdE=2706.5
fwE=1.73
20250519T092030.0001.fits
SecZ=1.16
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.0 12.1
ALT/AZ=59.9 -76.7
fwAVG=1.76
sdW=1552.9
fwW=1.73
sdS=1547.9
fwS=1.65
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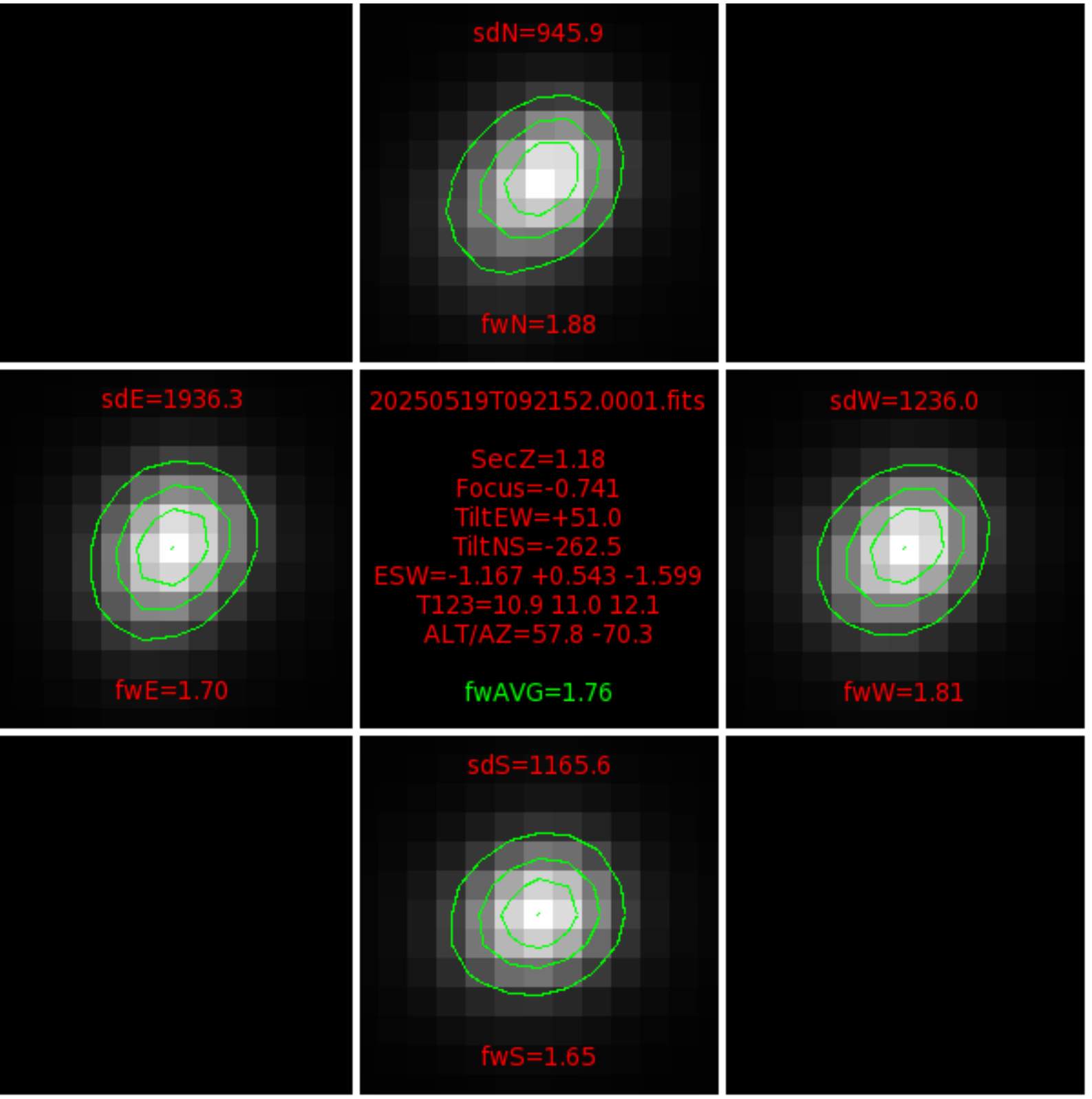
sdN=945.9
fwN=1.88
sdE=1936.3
fwE=1.70
20250519T092152.0001.fits
SecZ=1.18
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.0 12.1
ALT/AZ=57.8 -70.3
fwAVG=1.76
sdW=1236.0
fwW=1.81
sdS=1165.6
fwS=1.65
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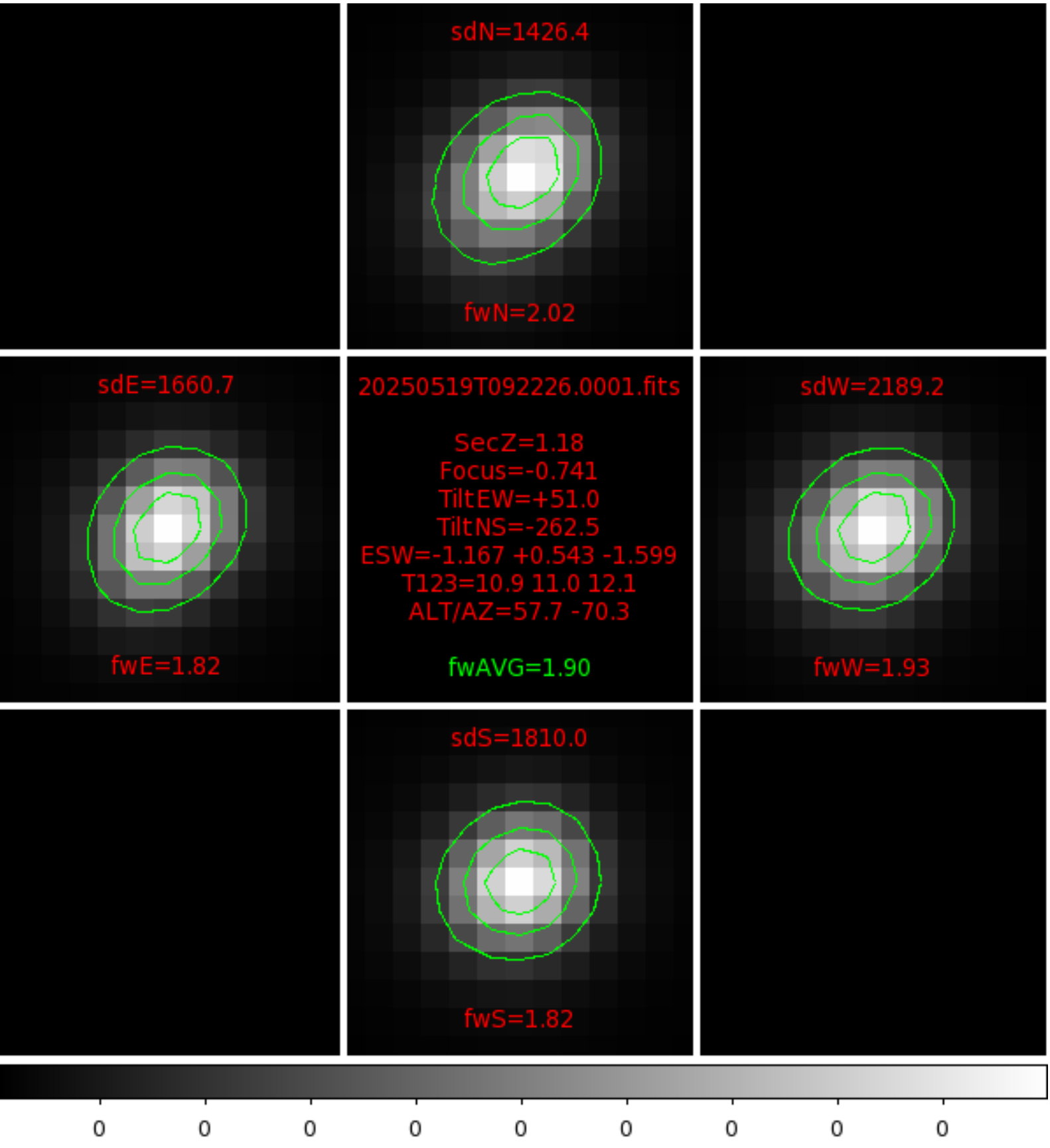
sdN=1426.4
fwN=2.02
sdE=1660.7
fwE=1.82
20250519T092226.0001.fits
SecZ=1.18
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.0 12.1
ALT/AZ=57.7 -70.3
fwAVG=1.90
sdW=2189.2
fwW=1.93
sdS=1810.0
fwS=1.82
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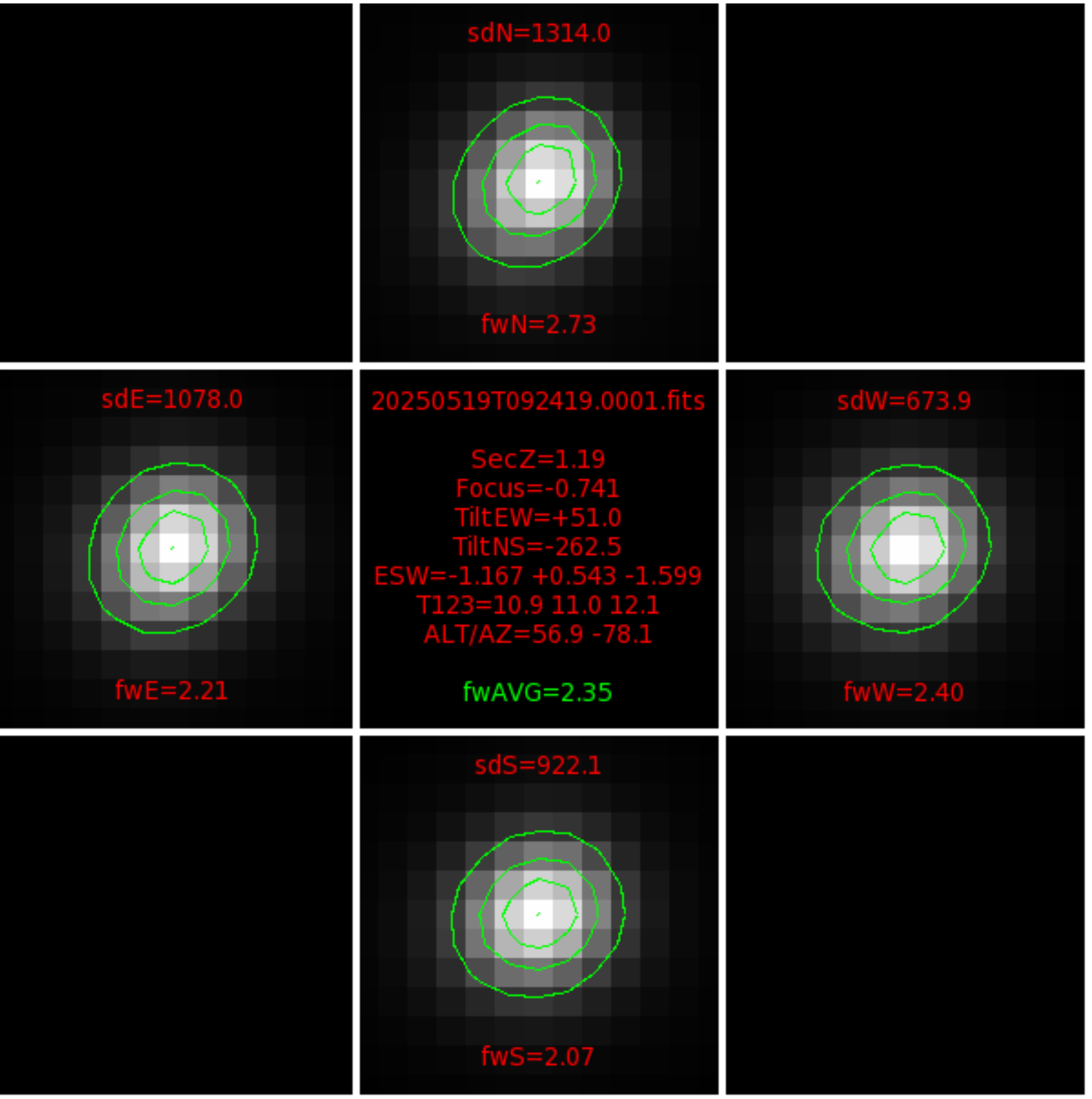
sdN=1314.0
fwN=2.73
sdE=1078.0
fwE=2.21
20250519T092419.0001.fits
SecZ=1.19
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.0 12.1
ALT/AZ=56.9 -78.1
fwAVG=2.35
sdW=673.9
fwW=2.40
sdS=922.1
fwS=2.07
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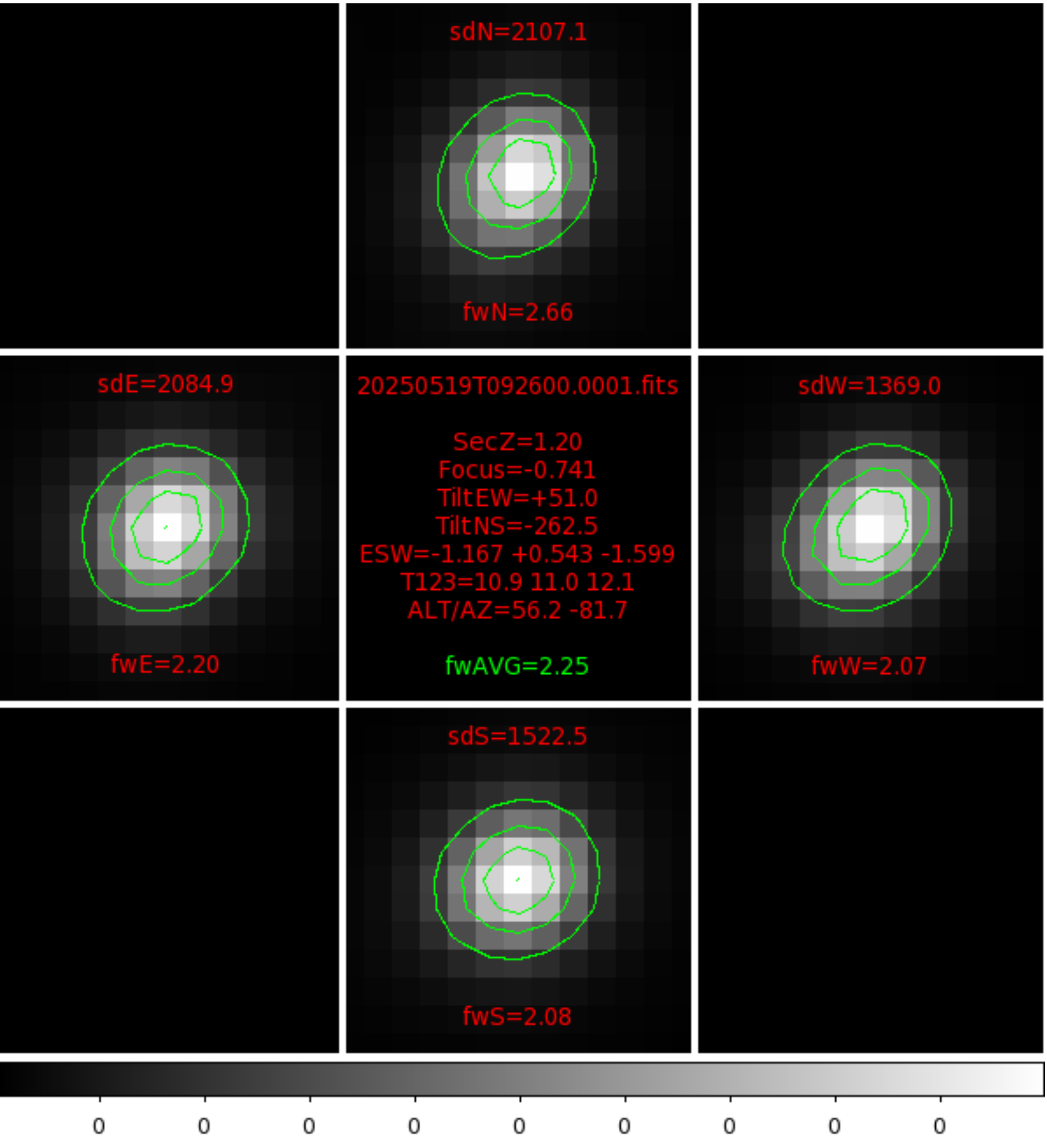
sdN=2107.1
fwN=2.66
sdE=2084.9
fwE=2.20
20250519T092600.0001.fits
SecZ=1.20
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=10.9 11.0 12.1
ALT/AZ=56.2 -81.7
fwAVG=2.25
sdW=1369.0
fwW=2.07
sdS=1522.5
fwS=2.08
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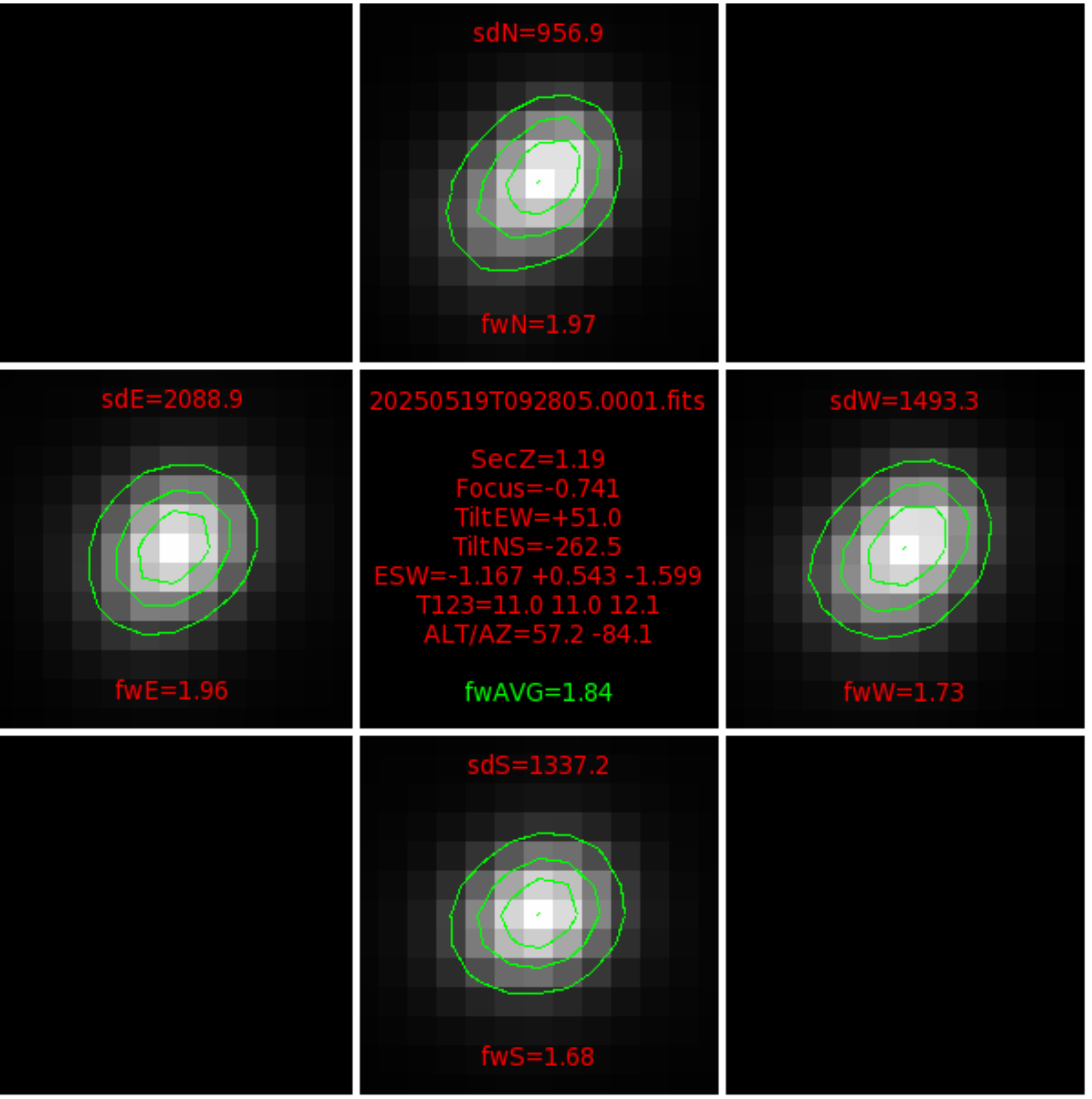
sdN=956.9
fwN=1.97
sdE=2088.9
fwE=1.96
20250519T092805.0001.fits
SecZ=1.19
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=57.2 -84.1
fwAVG=1.84
sdW=1493.3
fwW=1.73
sdS=1337.2
fwS=1.68
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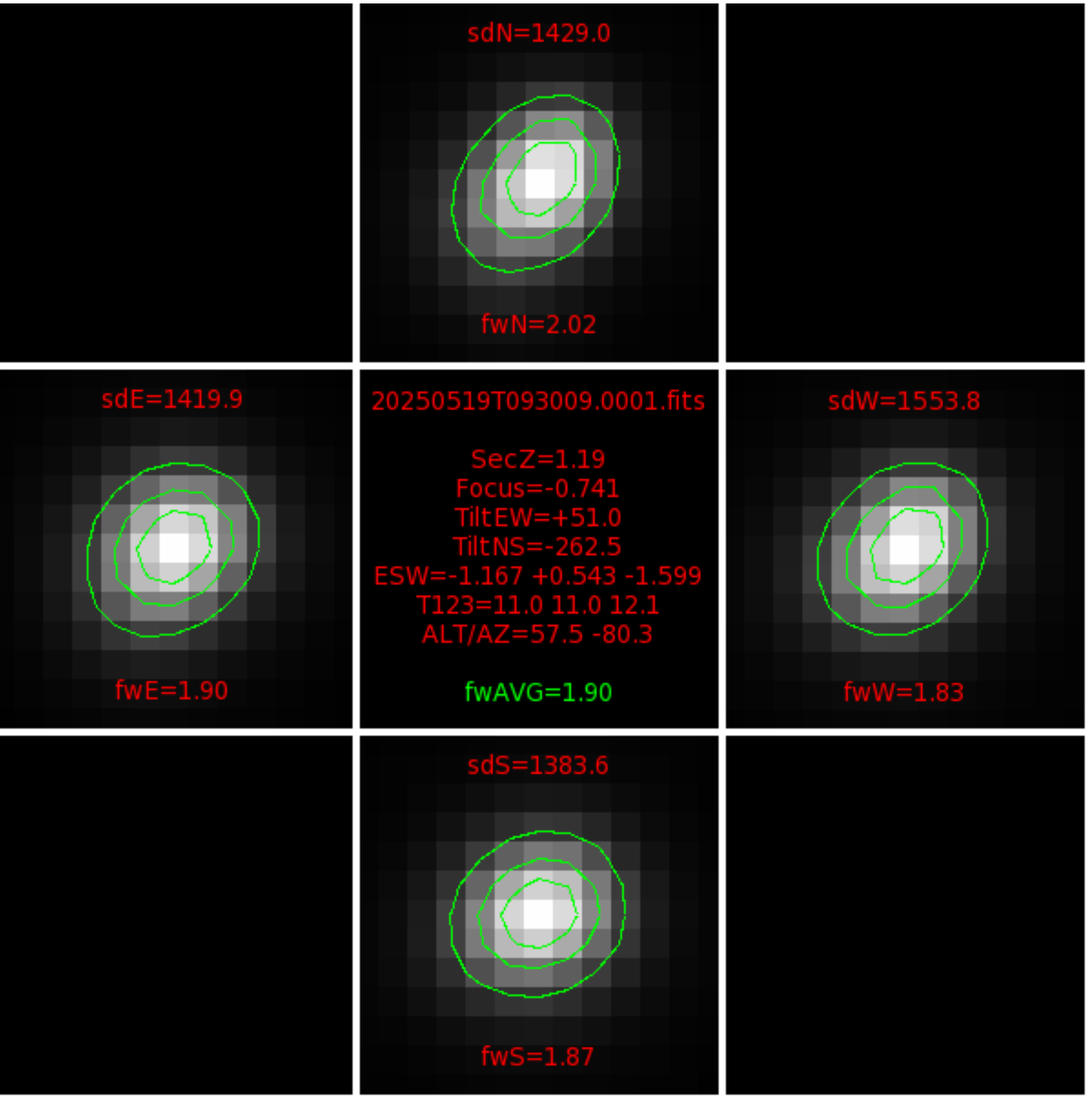
sdN=1429.0
fwN=2.02
sdE=1419.9
fwE=1.90
20250519T093009.0001.fits
SecZ=1.19
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=57.5 -80.3
fwAVG=1.90
sdW=1553.8
fwW=1.83
sdS=1383.6
fwS=1.87
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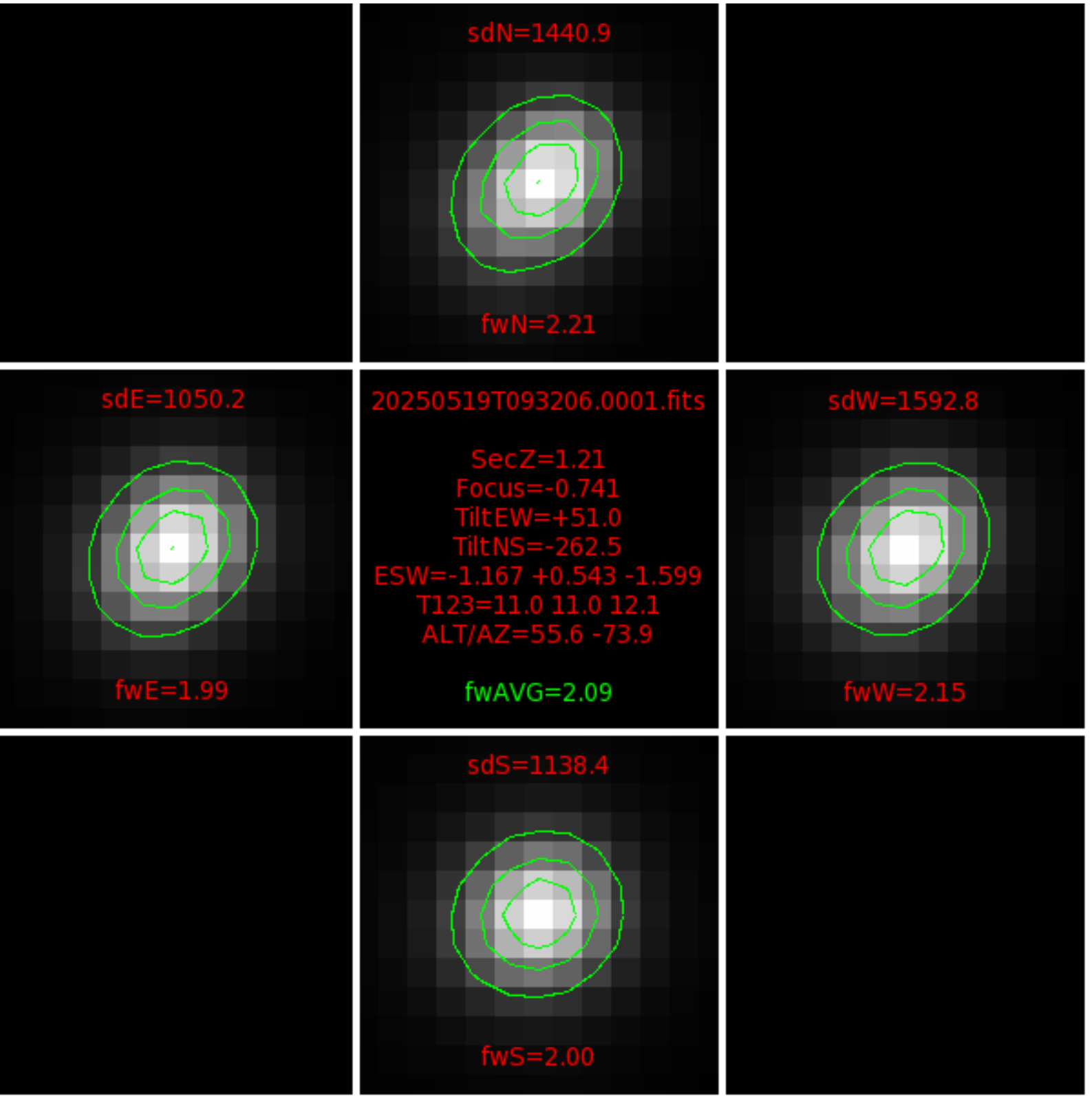
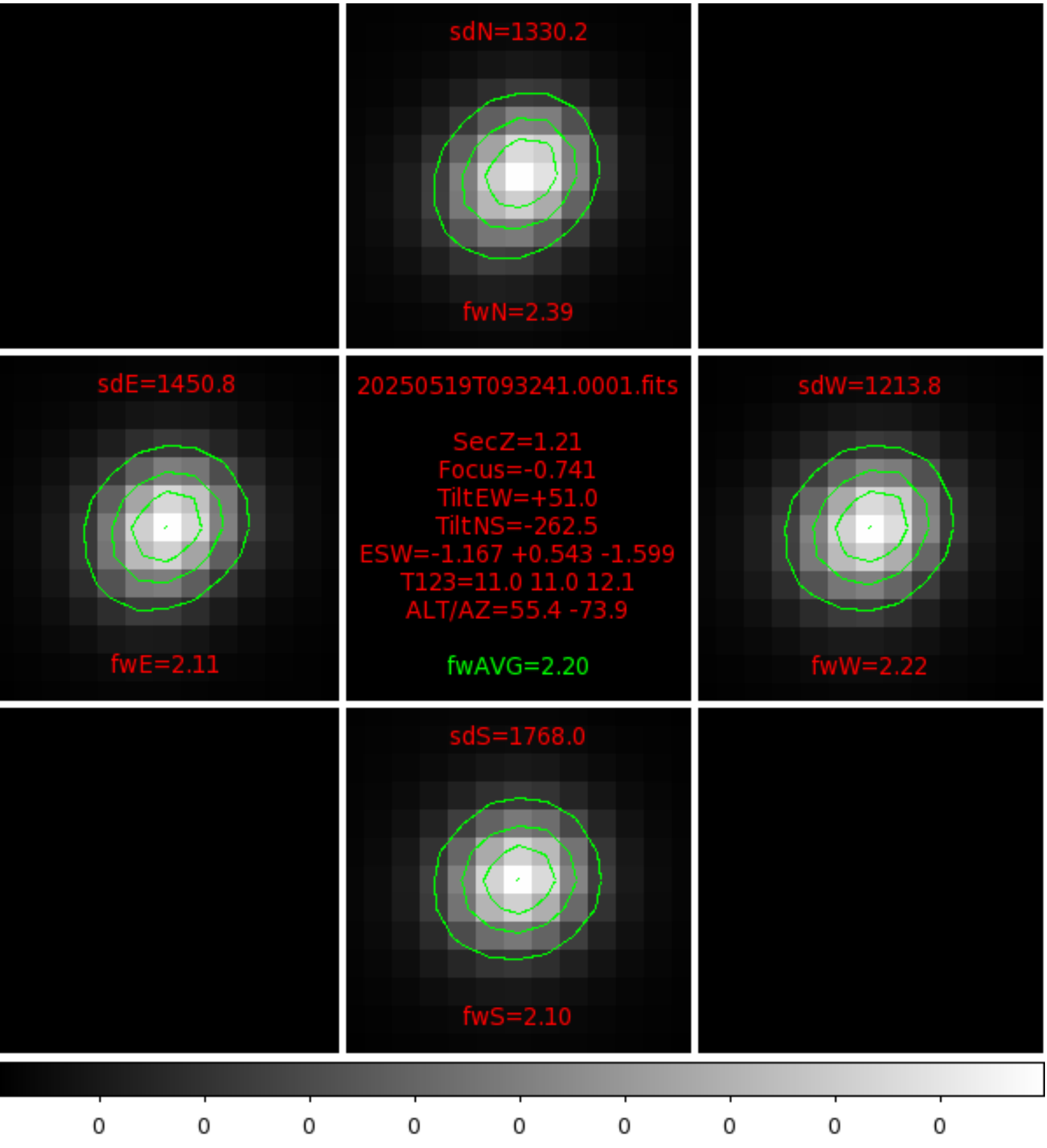

sdN=1440.9
fwN=2.21
sdE=1050.2
fwE=1.99
20250519T093206.0001.fits
SecZ=1.21
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=55.6 -73.9
fwAVG=2.09
sdW=1592.8
fwW=2.15
sdS=1138.4
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=1330.2
fwN=2.39
sdE=1450.8
fwE=2.11
20250519T093241.0001.fits
SecZ=1.21
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=55.4 -73.9
fwAVG=2.20
sdW=1213.8
fwW=2.22
sdS=1768.0
fwS=2.10
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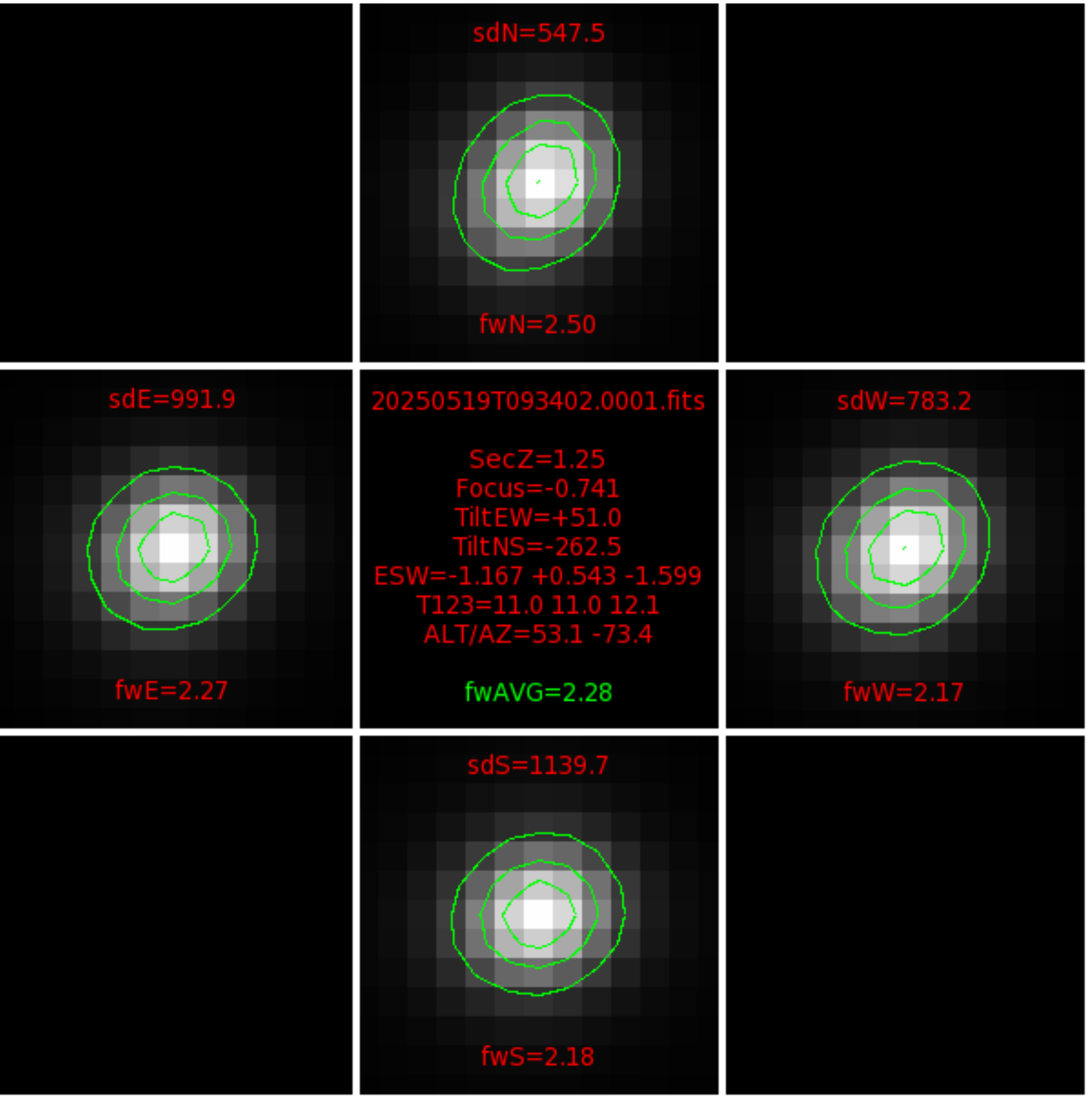
sdN=547.5
fwN=2.50
sdE=991.9
fwE=2.27
20250519T093402.0001.fits
SecZ=1.25
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=53.1 -73.4
fwAVG=2.28
sdW=783.2
fwW=2.17
sdS=1139.7
fwS=2.18
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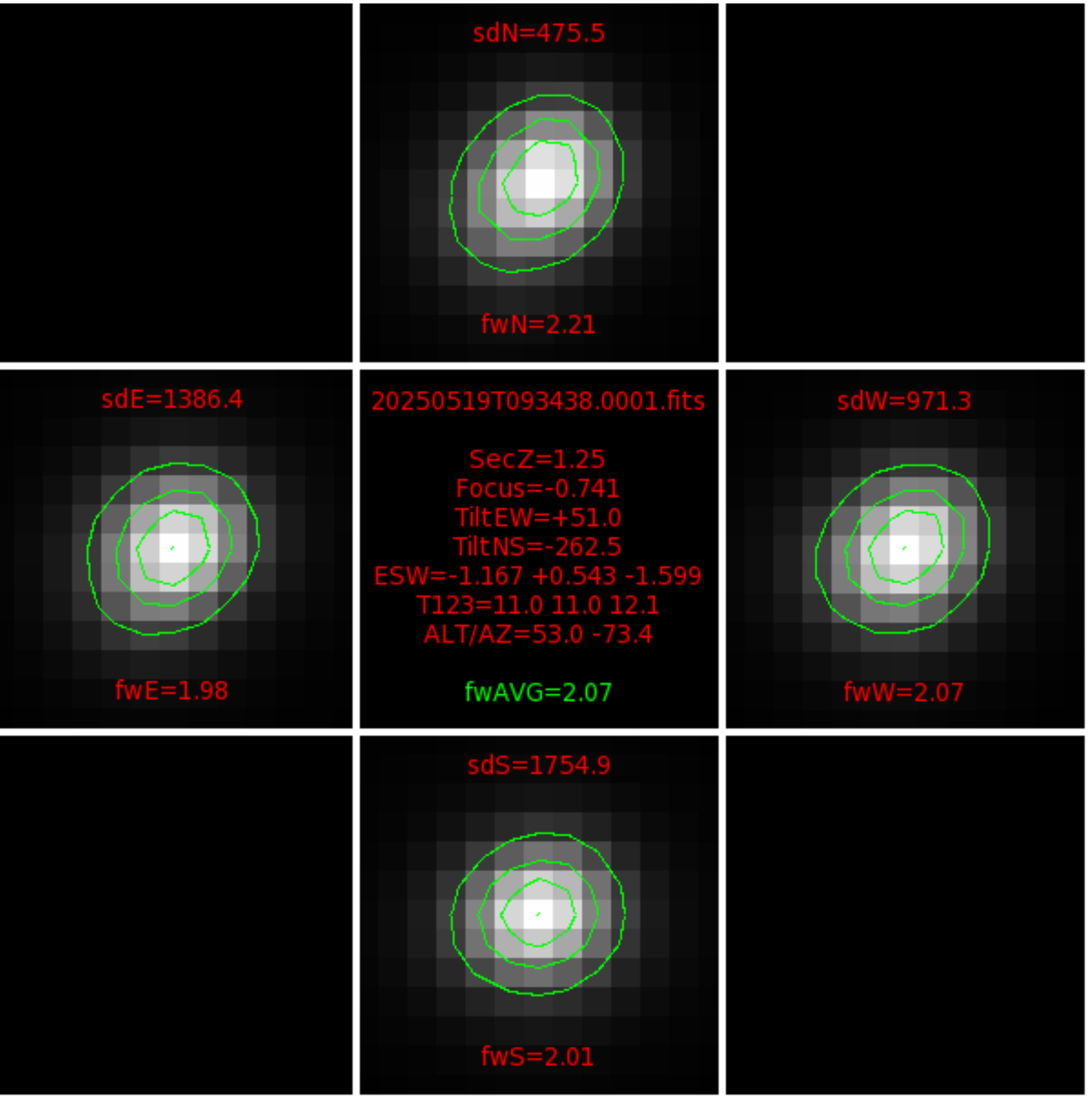
sdN=475.5
fwN=2.21
sdE=1386.4
fwE=1.98
20250519T093438.0001.fits
SecZ=1.25
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=53.0 -73.4
fwAVG=2.07
sdW=971.3
fwW=2.07
sdS=1754.9
fwS=2.01
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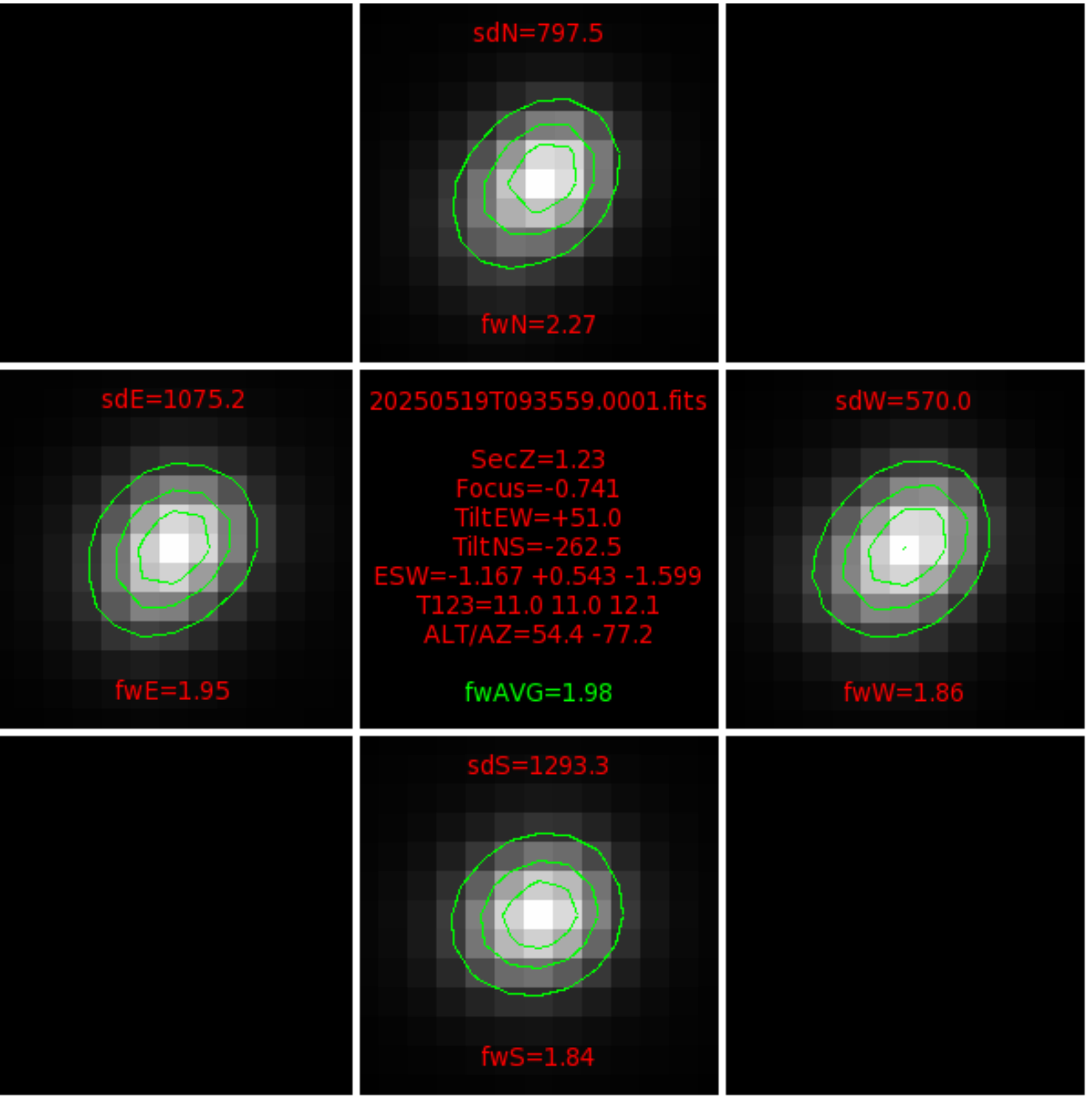
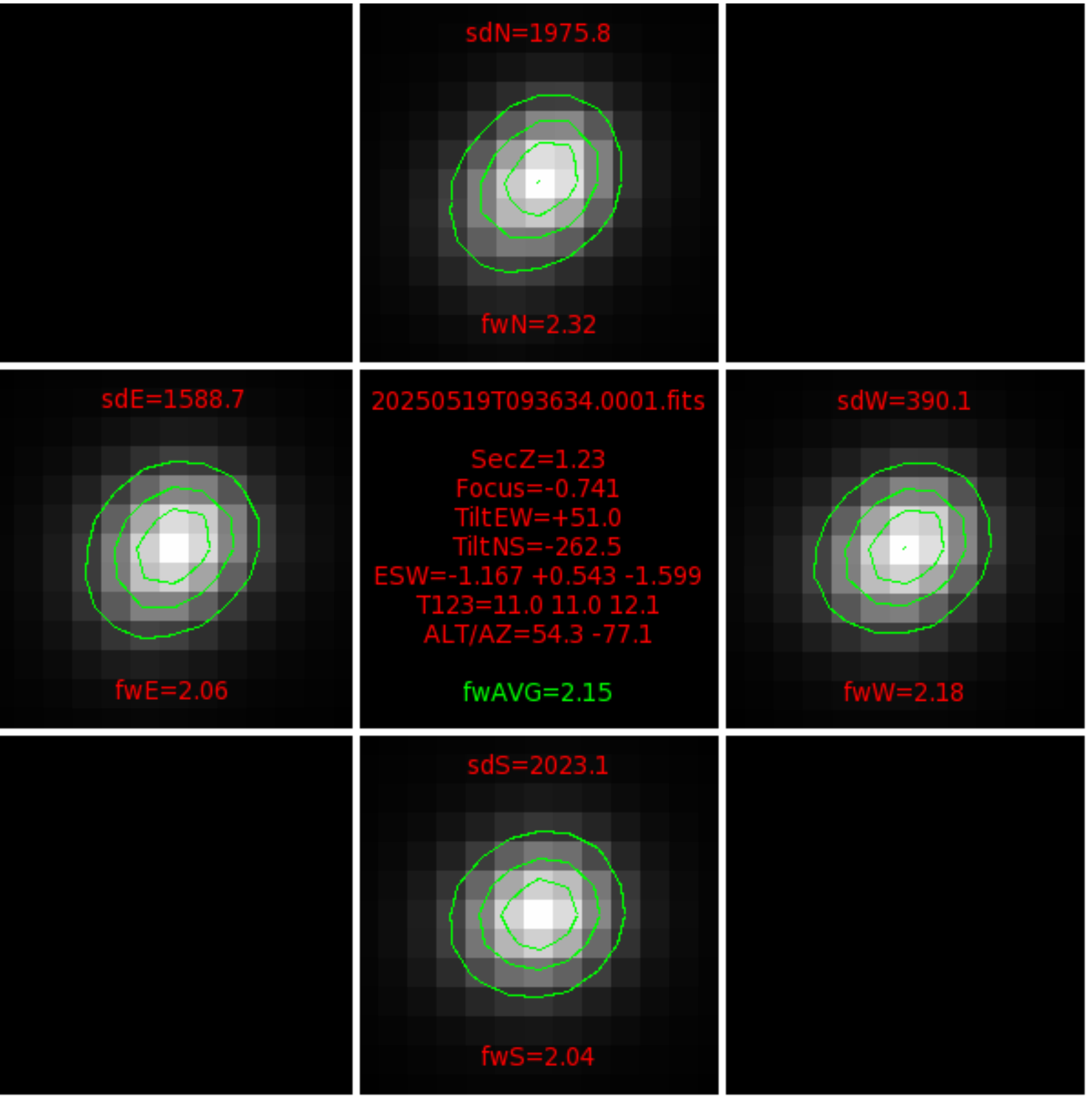

sdN=797.5
fwN=2.27
sdE=1075.2
fwE=1.95
20250519T093559.0001.fits
SecZ=1.23
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=54.4 -77.2
fwAVG=1.98
sdW=570.0
fwW=1.86
sdS=1293.3
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=1975.8
fwN=2.32
sdE=1588.7
fwE=2.06
20250519T093634.0001.fits
SecZ=1.23
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=54.3 -77.1
fwAVG=2.15
sdW=390.1
fwW=2.18
sdS=2023.1
fwS=2.04
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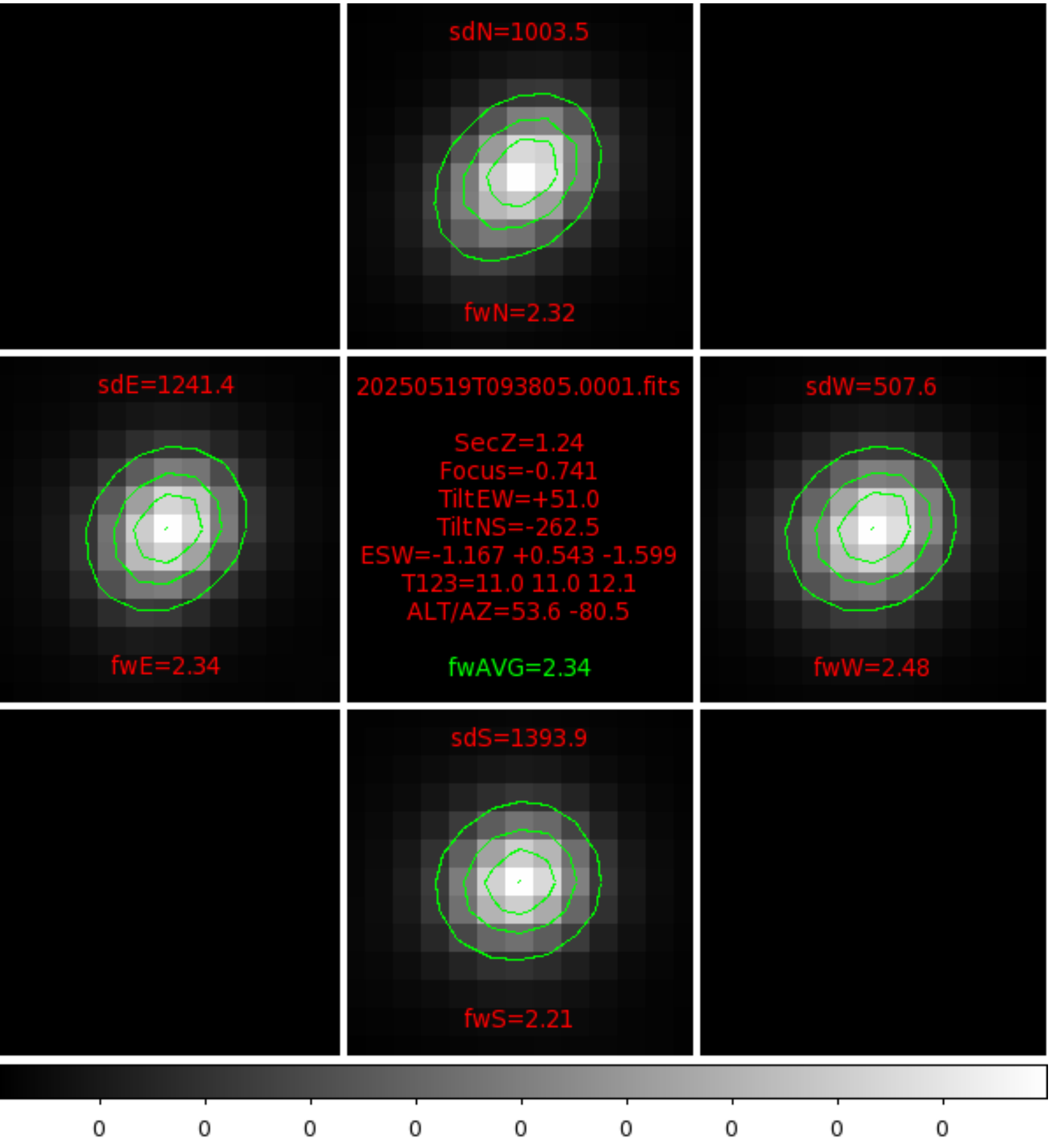
sdN=1003.5
fwN=2.32
sdE=1241.4
fwE=2.34
20250519T093805.0001.fits
SecZ=1.24
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=53.6 -80.5
fwAVG=2.34
sdW=507.6
fwW=2.48
sdS=1393.9
fwS=2.21
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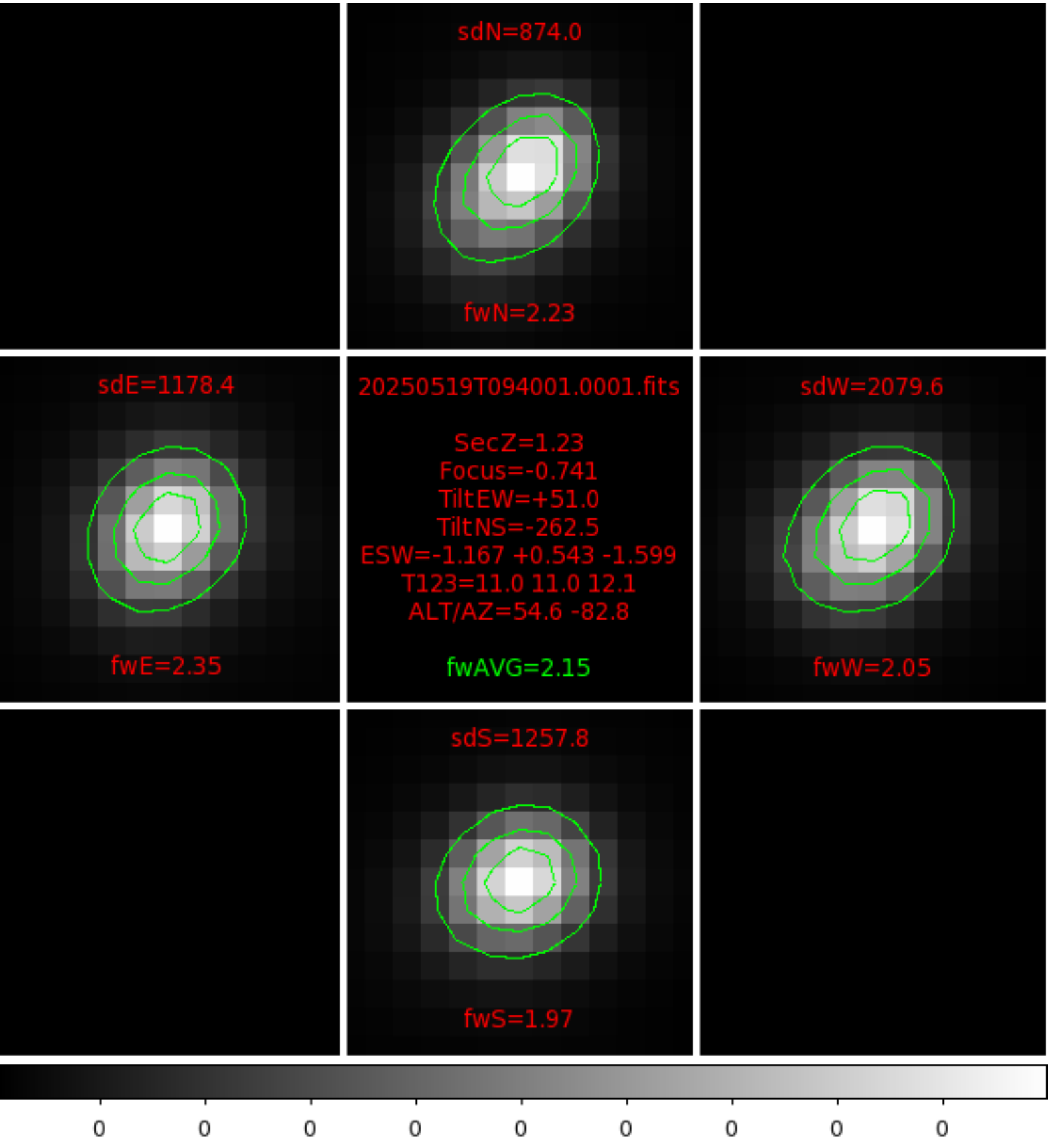
sdN=874.0
fwN=2.23
sdE=1178.4
fwE=2.35
20250519T094001.0001.fits
SecZ=1.23
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=54.6 -82.8
fwAVG=2.15
sdW=2079.6
fwW=2.05
sdS=1257.8
fwS=1.97
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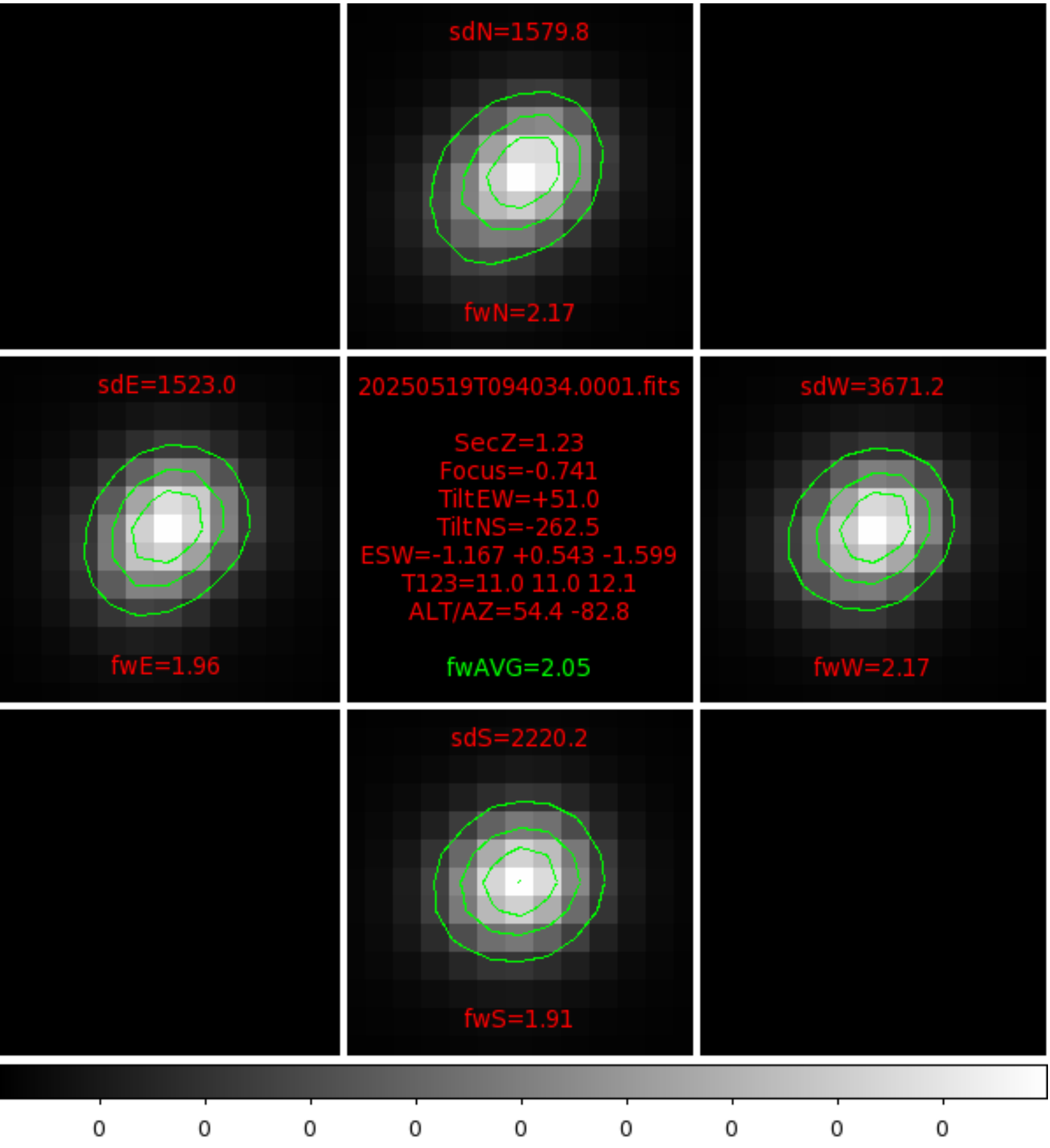
sdN=1579.8
fwN=2.17
sdE=1523.0
fwE=1.96
20250519T094034.0001.fits
SecZ=1.23
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=54.4 -82.8
fwAVG=2.05
sdW=3671.2
fwW=2.17
sdS=2220.2
fwS=1.91
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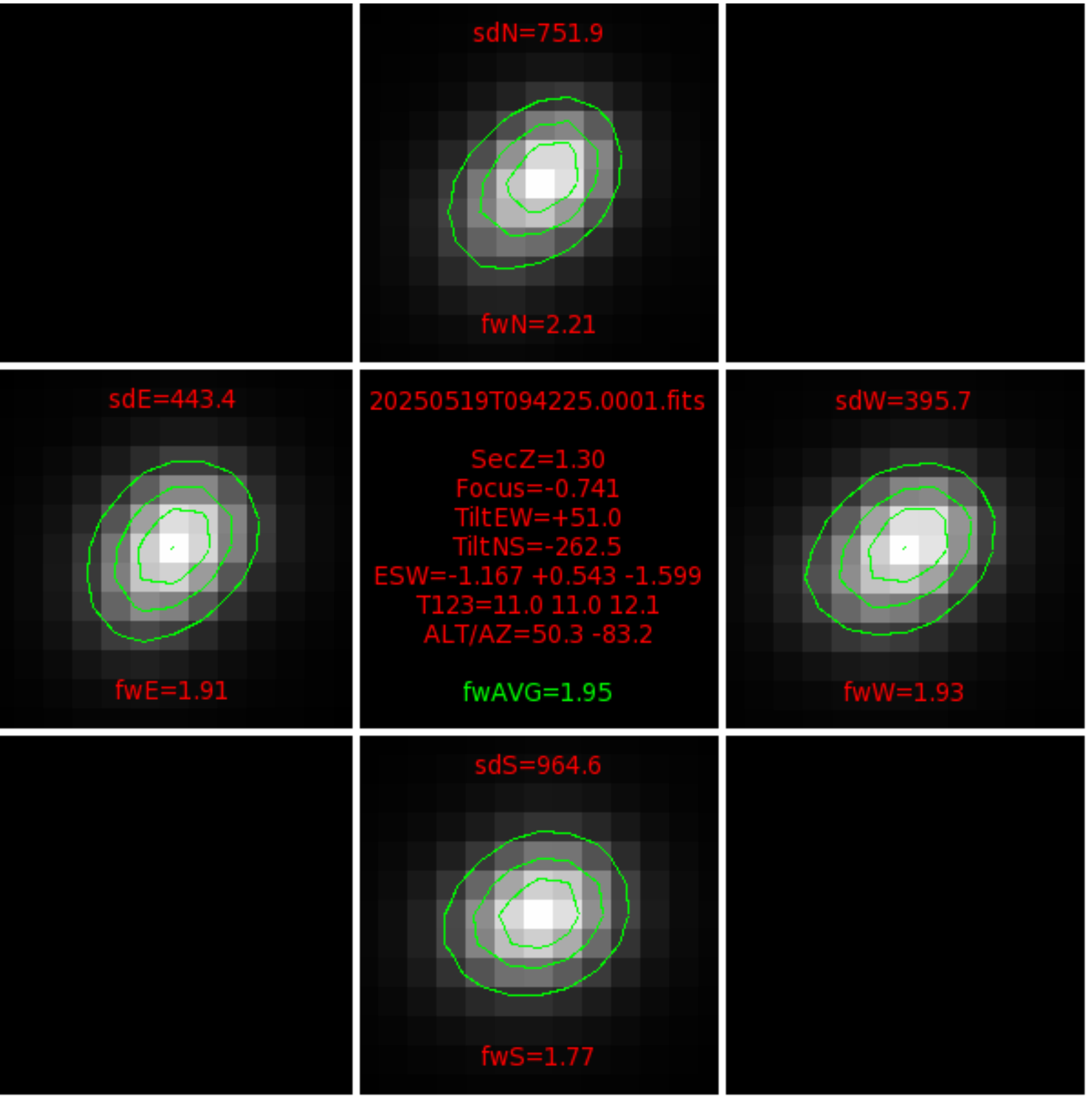
sdN=751.9
fwN=2.21
sdE=443.4
fwE=1.91
20250519T094225.0001.fits
SecZ=1.30
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=50.3 -83.2
fwAVG=1.95
sdW=395.7
fwW=1.93
sdS=964.6
fwS=1.77
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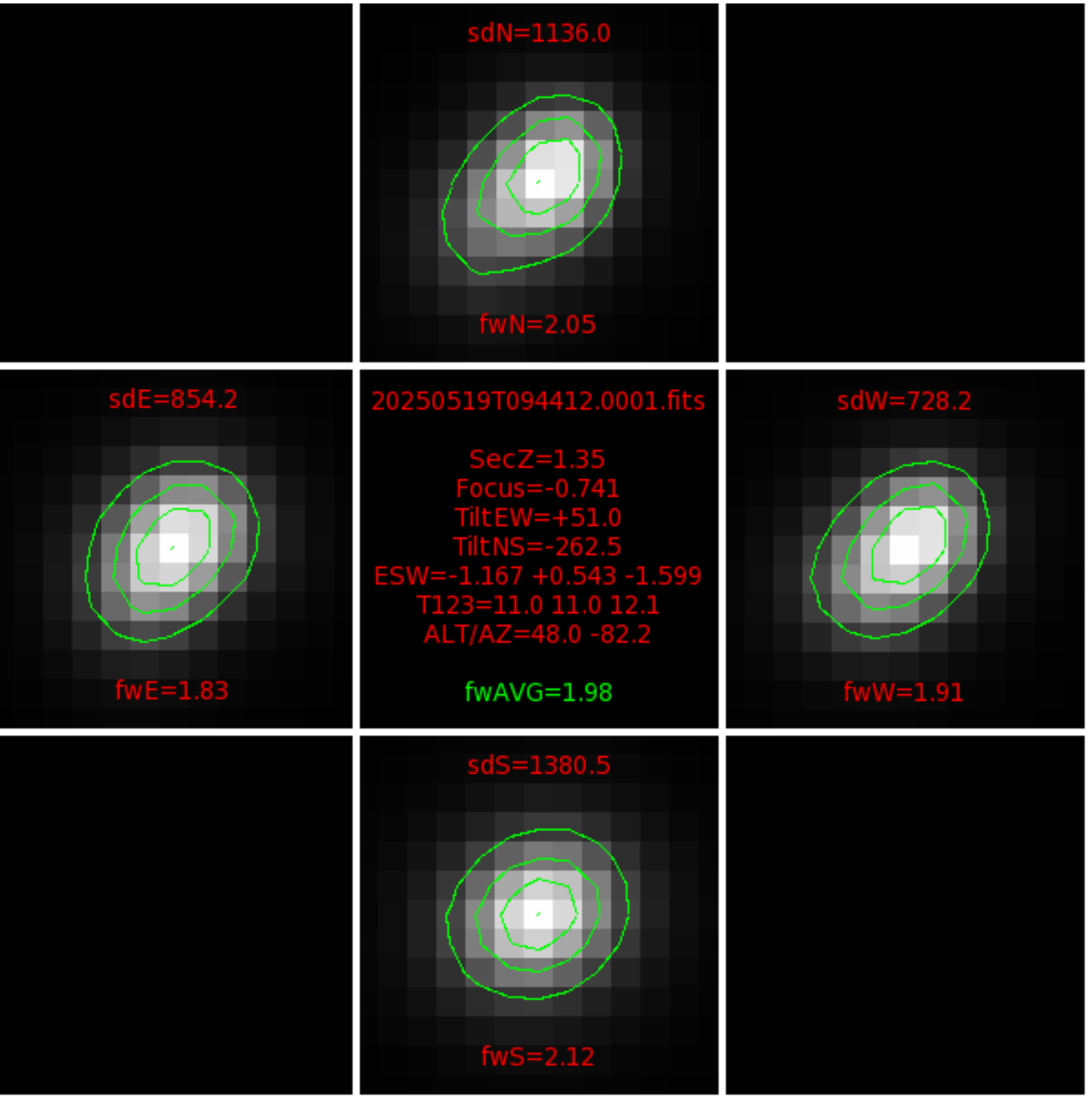
sdN=1136.0
fwN=2.05
sdE=854.2
fwE=1.83
20250519T094412.0001.fits
SecZ=1.35
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=48.0 -82.2
fwAVG=1.98
sdW=728.2
fwW=1.91
sdS=1380.5
fwS=2.12
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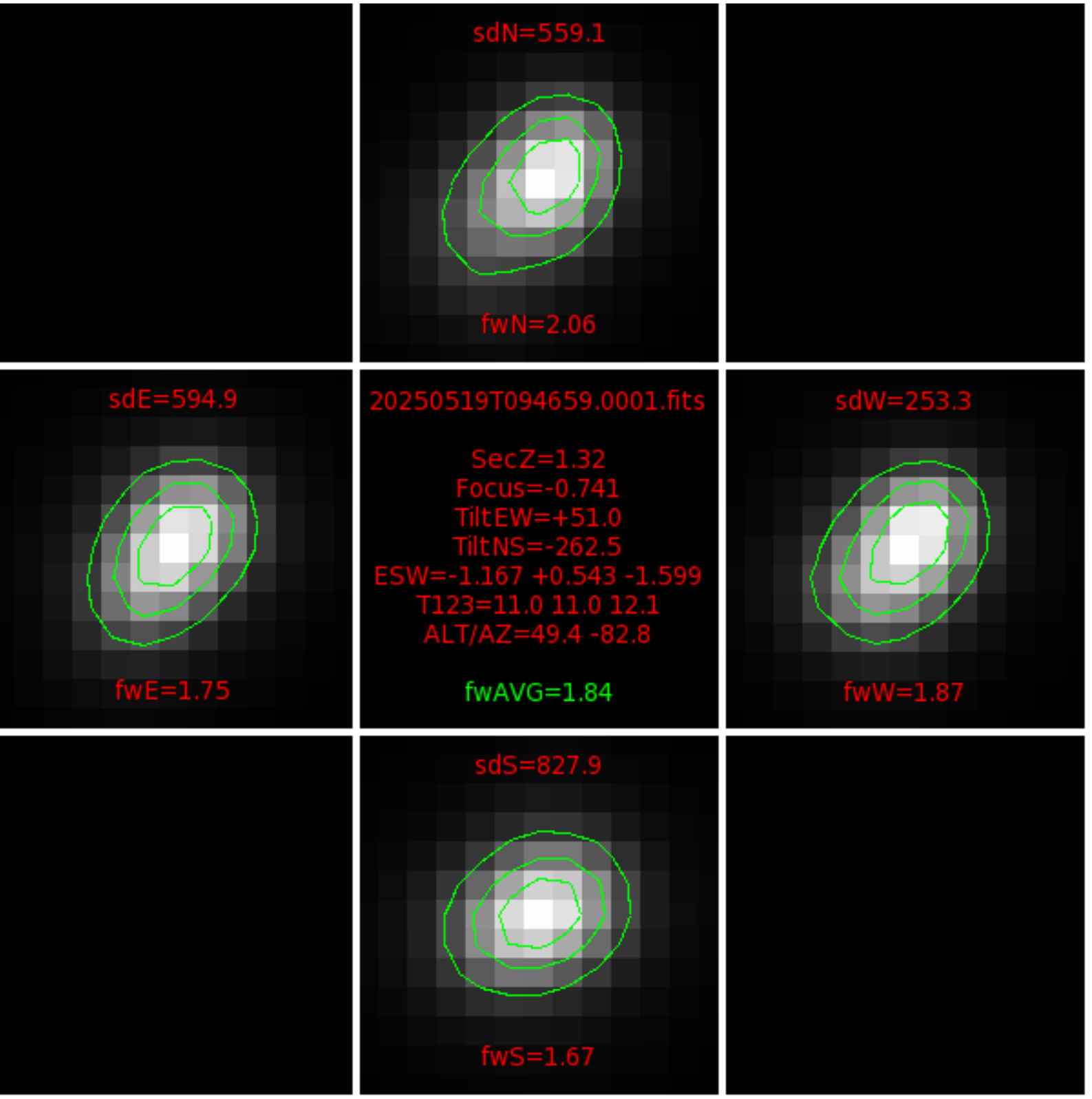
sdN=559.1
fwN=2.06
sdE=594.9
fwE=1.75
20250519T094659.0001.fits
SecZ=1.32
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=49.4 -82.8
fwAVG=1.84
sdW=253.3
fwW=1.87
sdS=827.9
fwS=1.67
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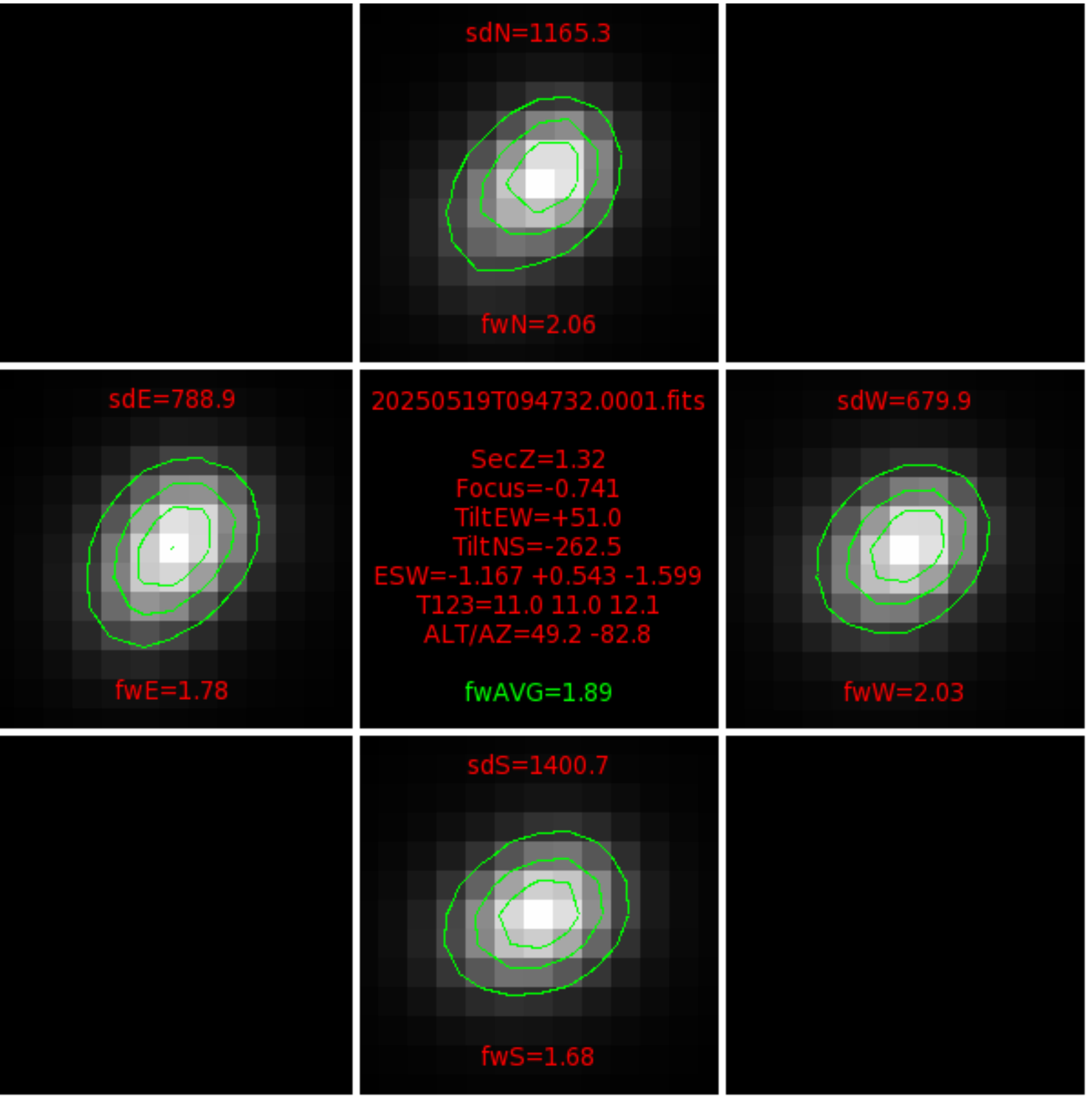
sdN=1165.3
fwN=2.06
sdE=788.9
fwE=1.78
20250519T094732.0001.fits
SecZ=1.32
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=49.2 -82.8
fwAVG=1.89
sdW=679.9
fwW=2.03
sdS=1400.7
fwS=1.68
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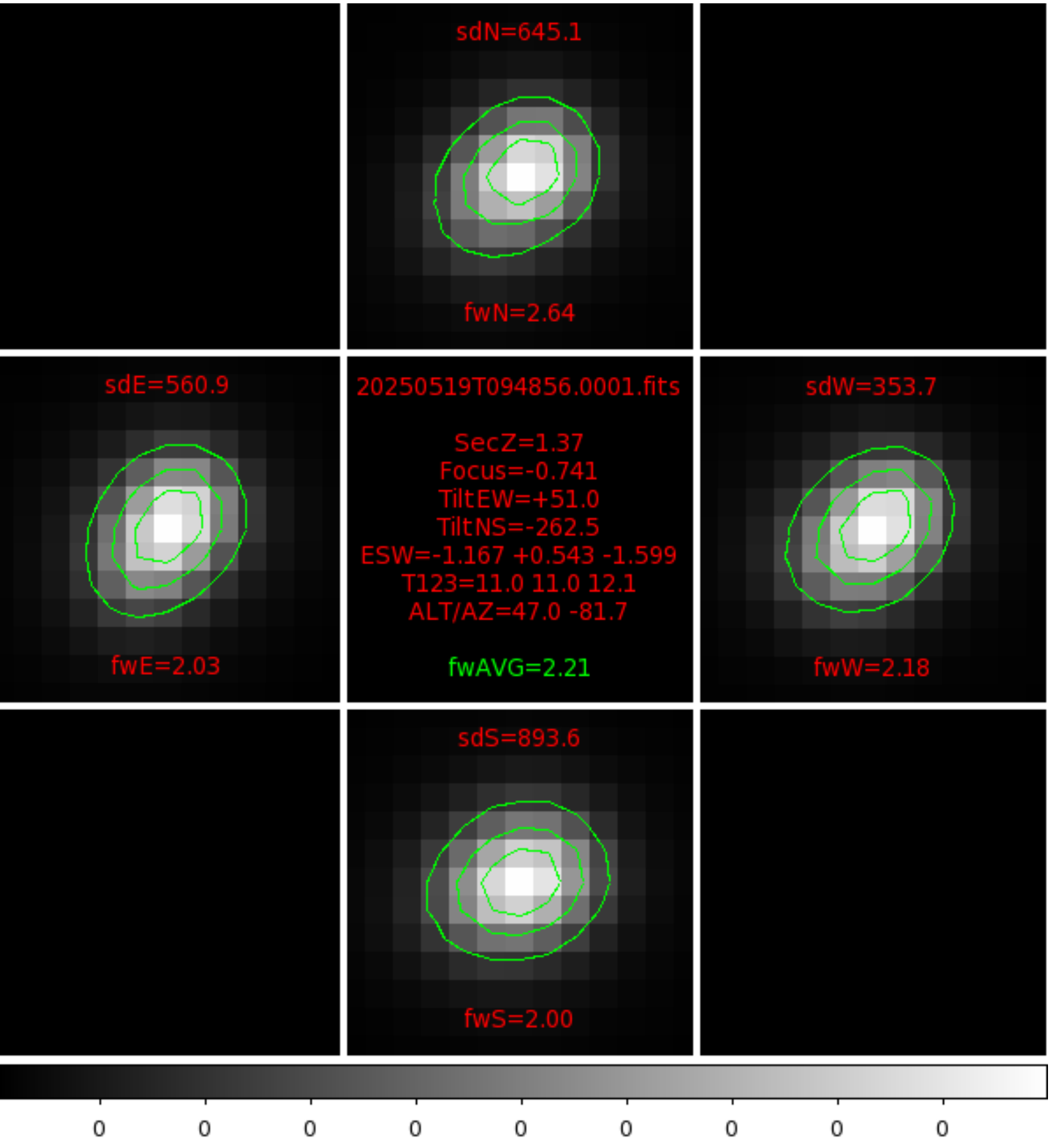
sdN=645.1
fwN=2.64
sdE=560.9
fwE=2.03
20250519T094856.0001.fits
SecZ=1.37
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=47.0 -81.7
fwAVG=2.21
sdW=353.7
fwW=2.18
sdS=893.6
fwS=2.00
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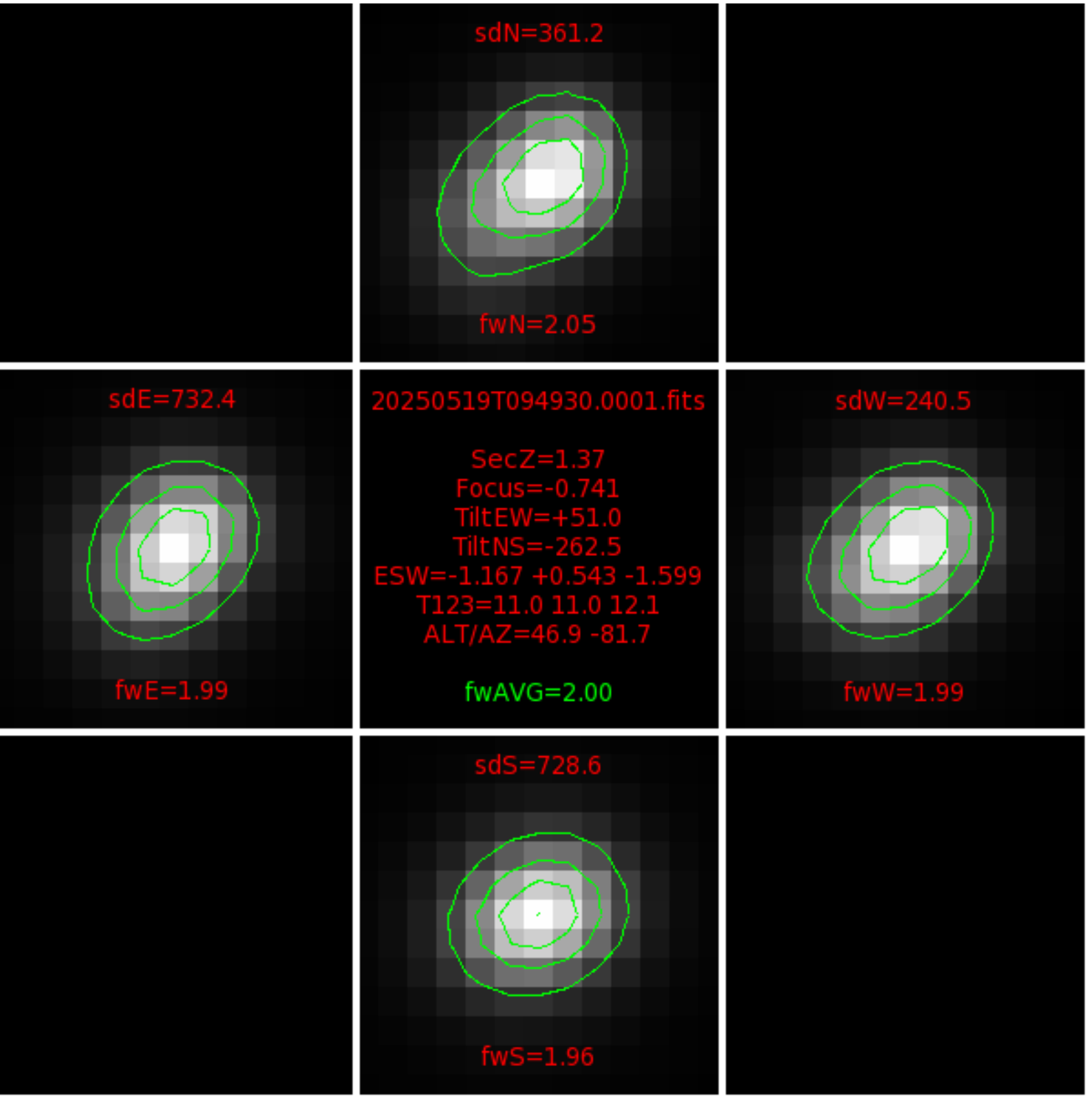
sdN=361.2
fwN=2.05
sdE=732.4
fwE=1.99
20250519T094930.0001.fits
SecZ=1.37
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=46.9 -81.7
fwAVG=2.00
sdW=240.5
fwW=1.99
sdS=728.6
fwS=1.96
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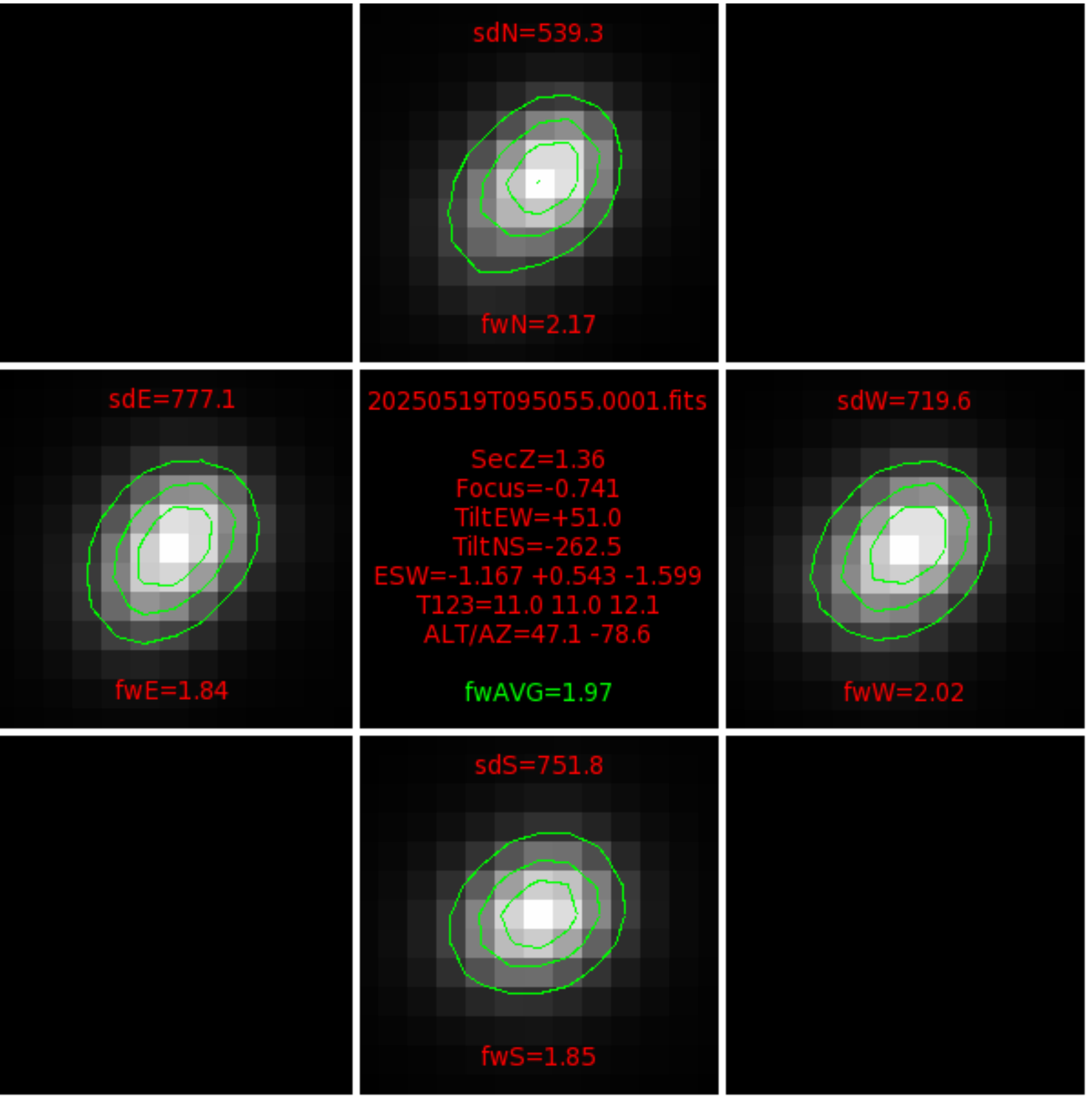
sdN=539.3
fwN=2.17
sdE=777.1
fwE=1.84
20250519T095055.0001.fits
SecZ=1.36
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=47.1 -78.6
fwAVG=1.97
sdW=719.6
fwW=2.02
sdS=751.8
fwS=1.85
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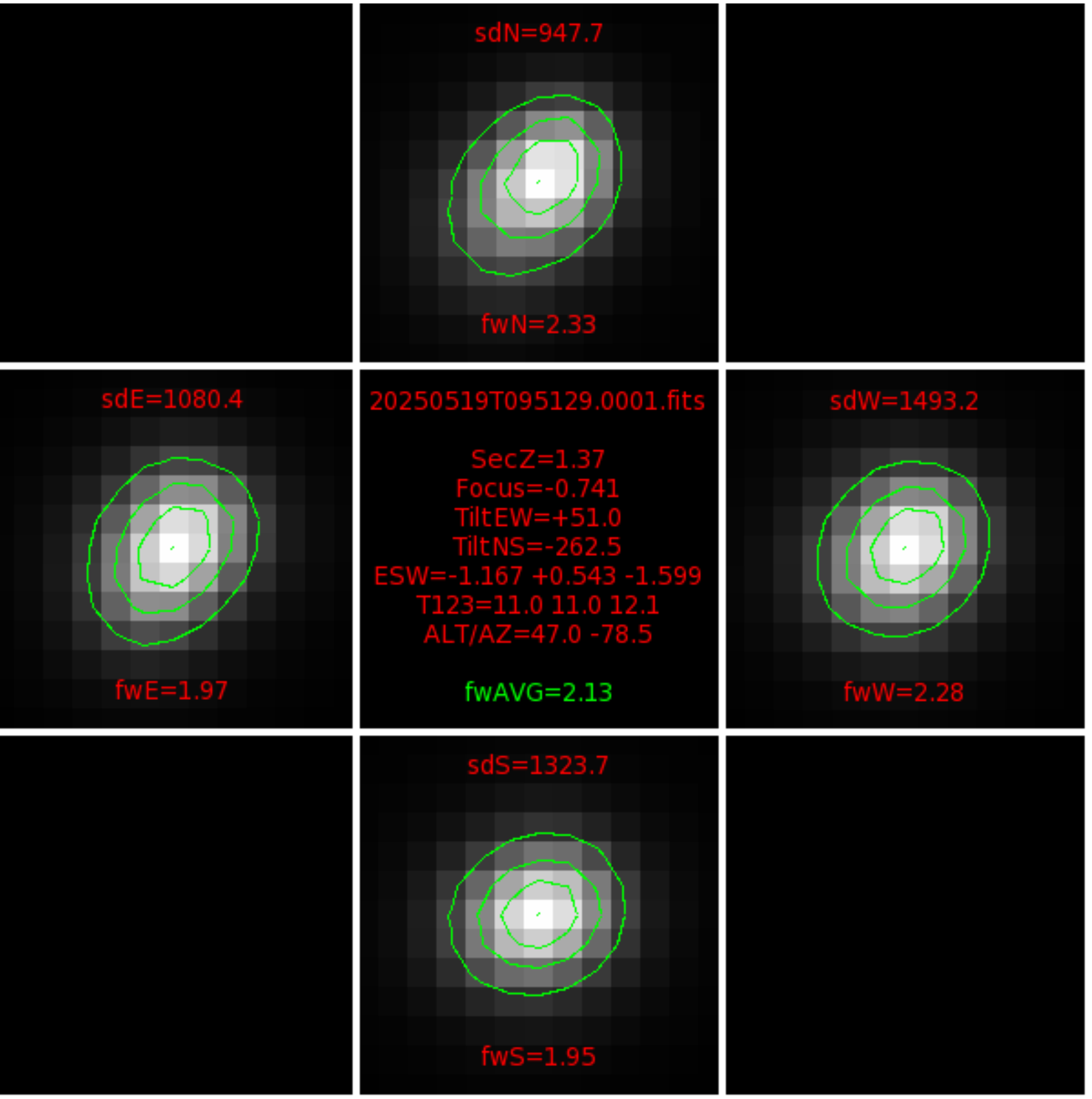
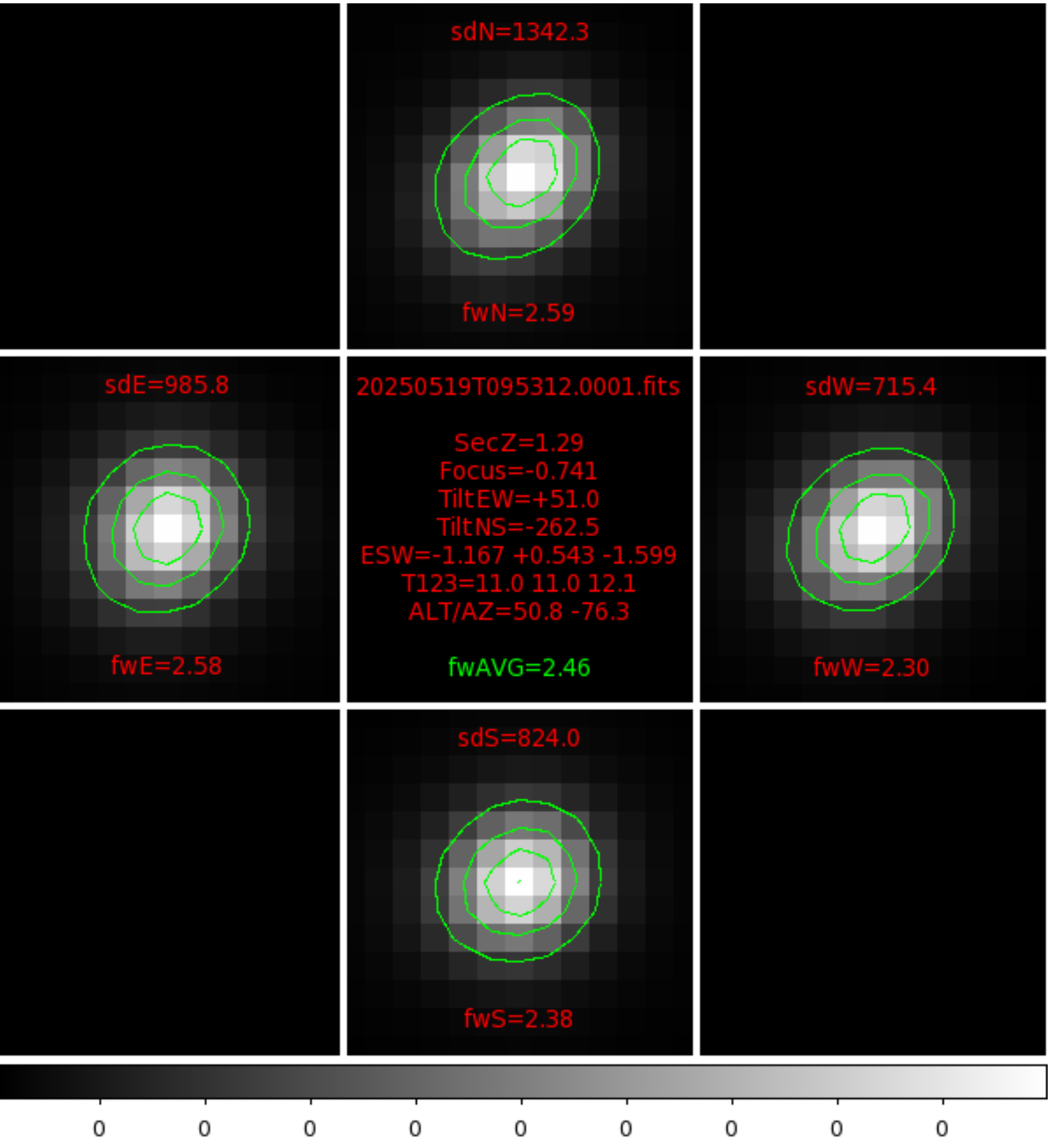

sdN=947.7
fwN=2.33
sdE=1080.4
fwE=1.97
20250519T095129.0001.fits
SecZ=1.37
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=47.0 -78.5
fwAVG=2.13
sdW=1493.2
fwW=2.28
sdS=1323.7
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=1342.3
fwN=2.59
sdE=985.8
fwE=2.58
20250519T095312.0001.fits
SecZ=1.29
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=50.8 -76.3
fwAVG=2.46
sdW=715.4
fwW=2.30
sdS=824.0
fwS=2.38
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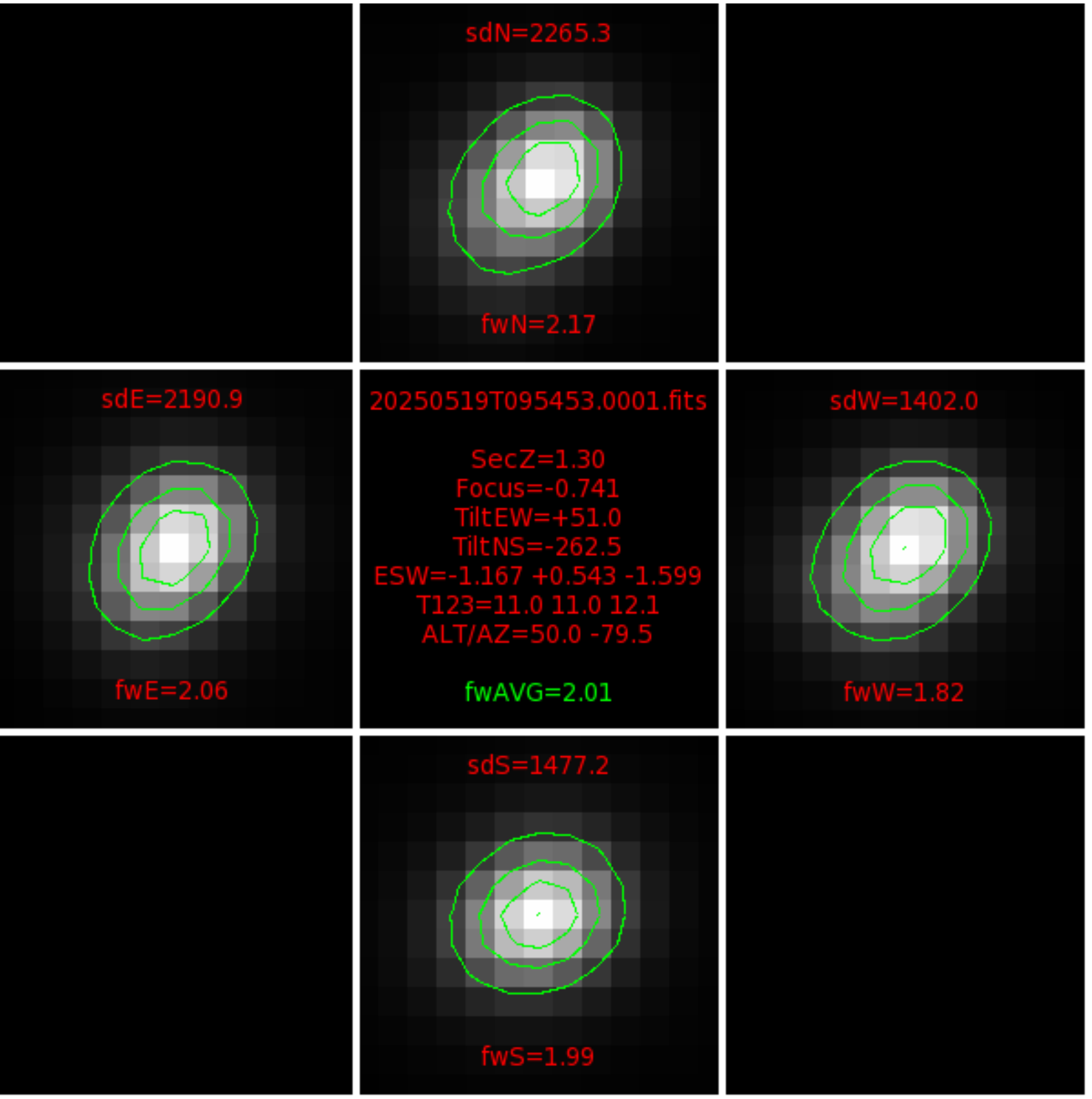
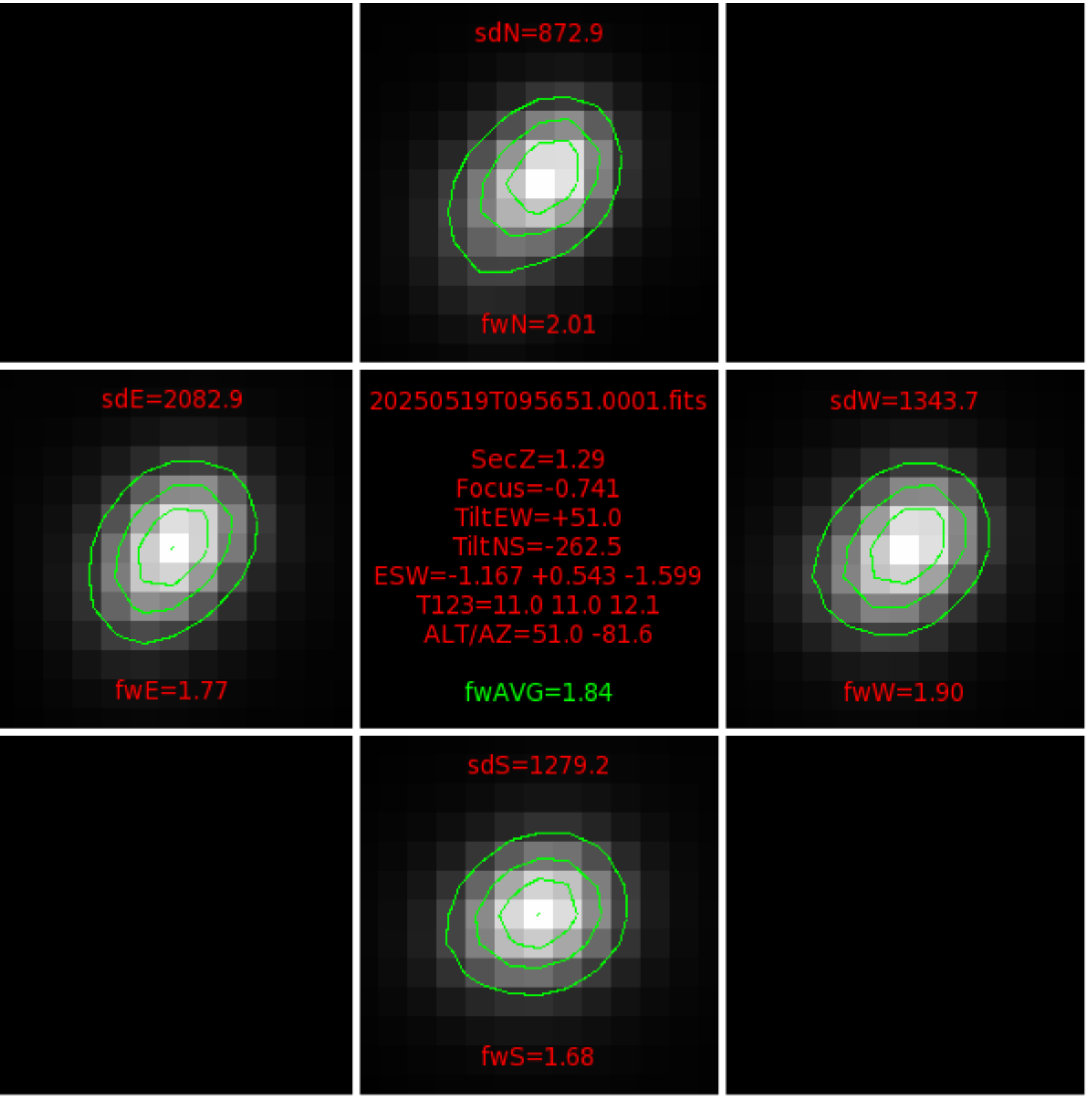

sdN=2265.3
fwN=2.17
sdE=2190.9
fwE=2.06
20250519T095453.0001.fits
SecZ=1.30
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=50.0 -79.5
fwAVG=2.01
sdW=1402.0
fwW=1.82
sdS=1477.2
fwS=1.99
0 0 0 0 0 0 0 0 0


sdN=872.9
fwN=2.01
sdE=2082.9
fwE=1.77
20250519T095651.0001.fits
SecZ=1.29
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=51.0 -81.6
fwAVG=1.84
sdW=1343.7
fwW=1.90
sdS=1279.2
fwS=1.68
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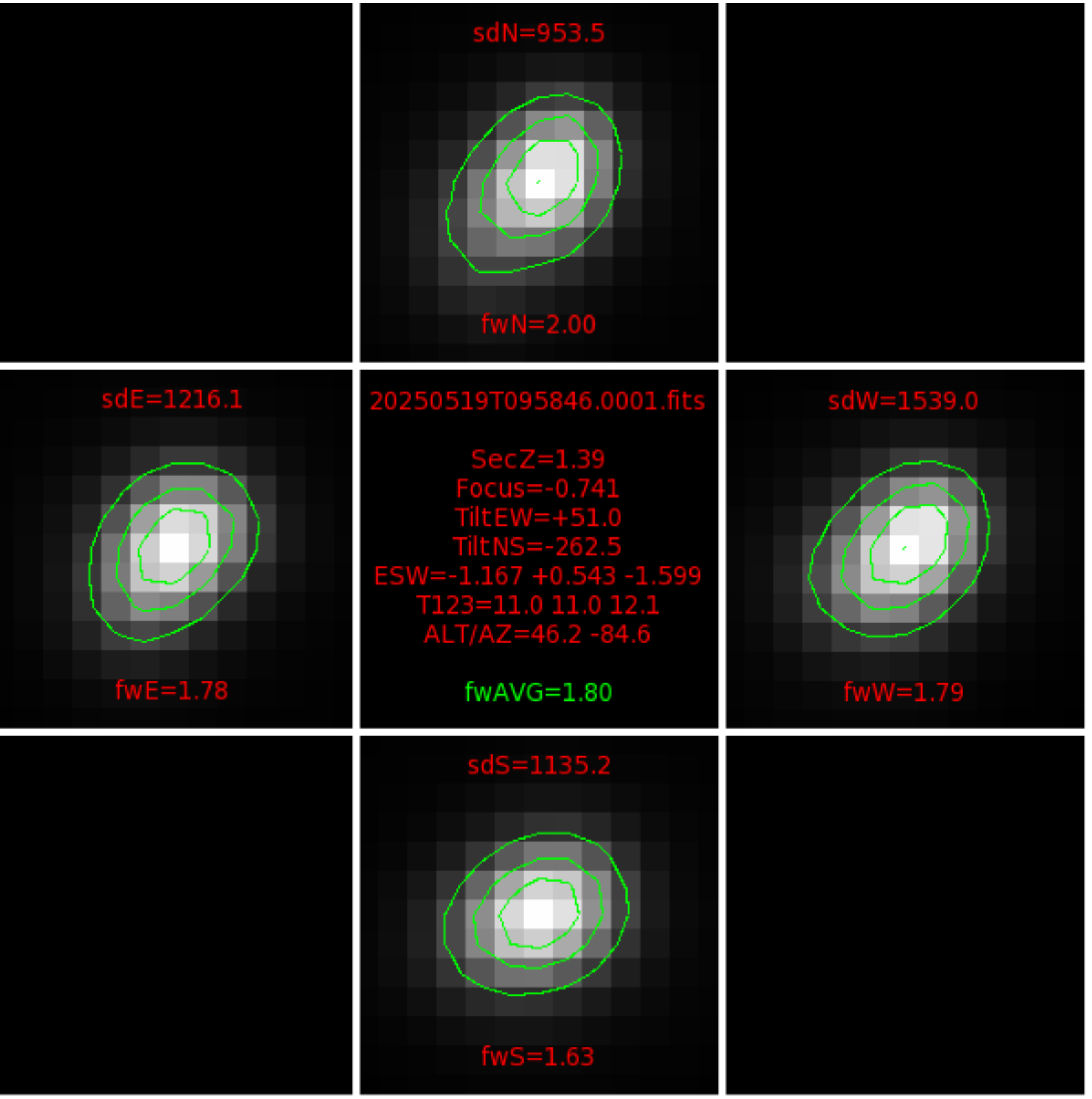
sdN=953.5
fwN=2.00
sdE=1216.1
fwE=1.78
20250519T095846.0001.fits
SecZ=1.39
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=46.2 -84.6
fwAVG=1.80
sdW=1539.0
fwW=1.79
sdS=1135.2
fwS=1.63
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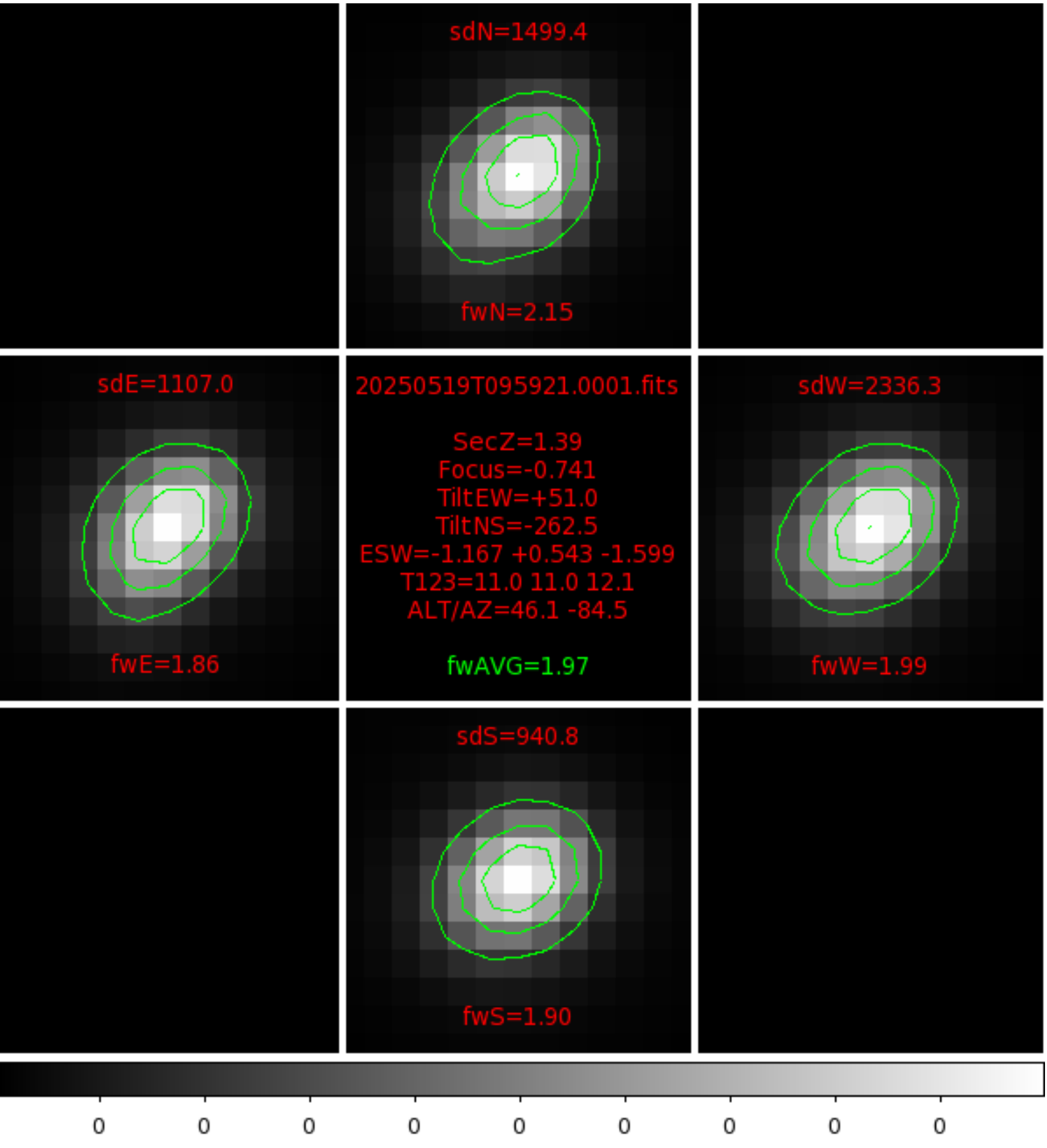
sdN=1499.4
fwN=2.15
sdE=1107.0
fwE=1.86
20250519T095921.0001.fits
SecZ=1.39
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=46.1 -84.5
fwAVG=1.97
sdW=2336.3
fwW=1.99
sdS=940.8
fwS=1.90
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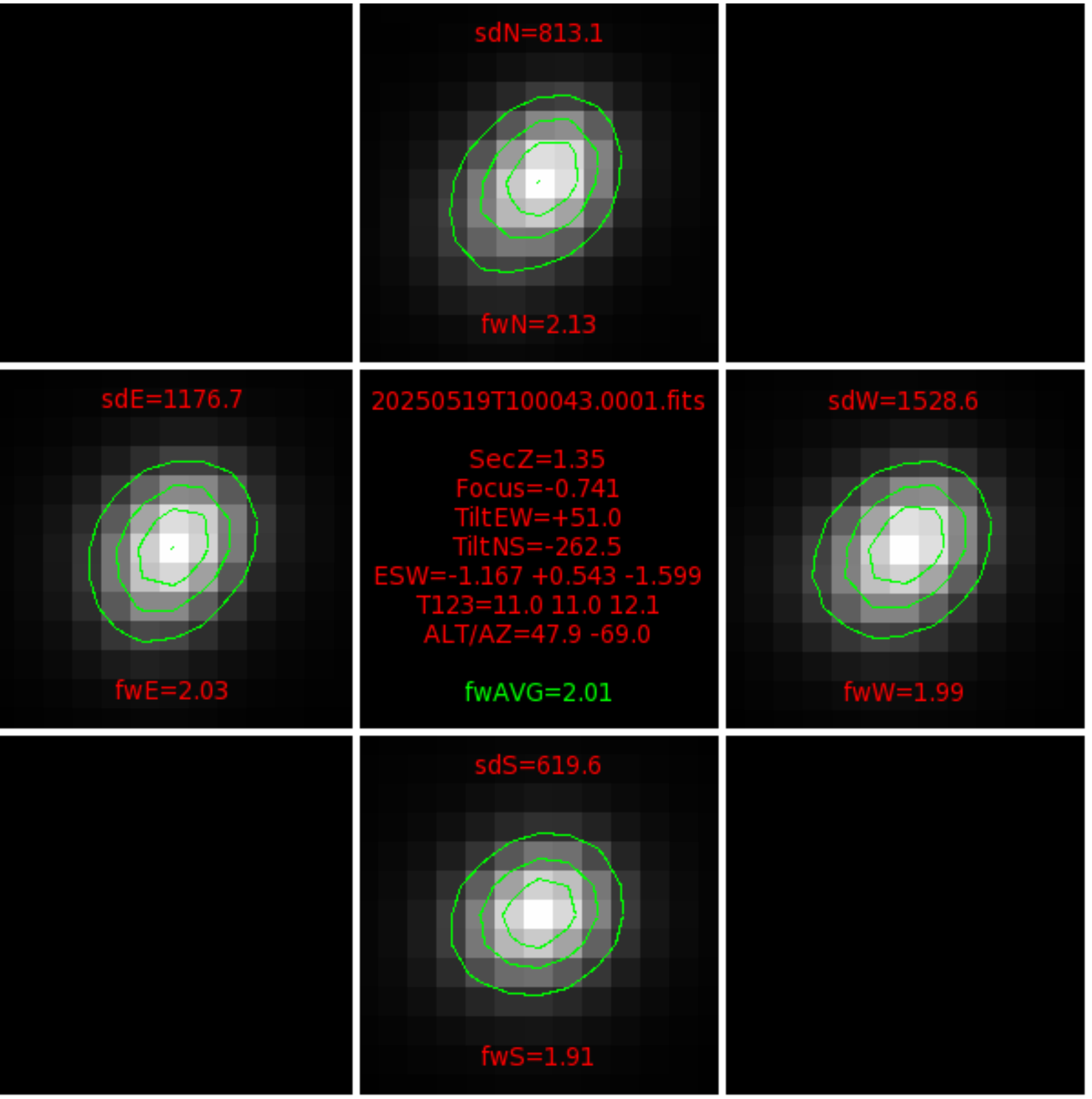
sdN=813.1
fwN=2.13
sdE=1176.7
fwE=2.03
20250519T100043.0001.fits
SecZ=1.35
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=47.9 -69.0
fwAVG=2.01
sdW=1528.6
fwW=1.99
sdS=619.6
fwS=1.91
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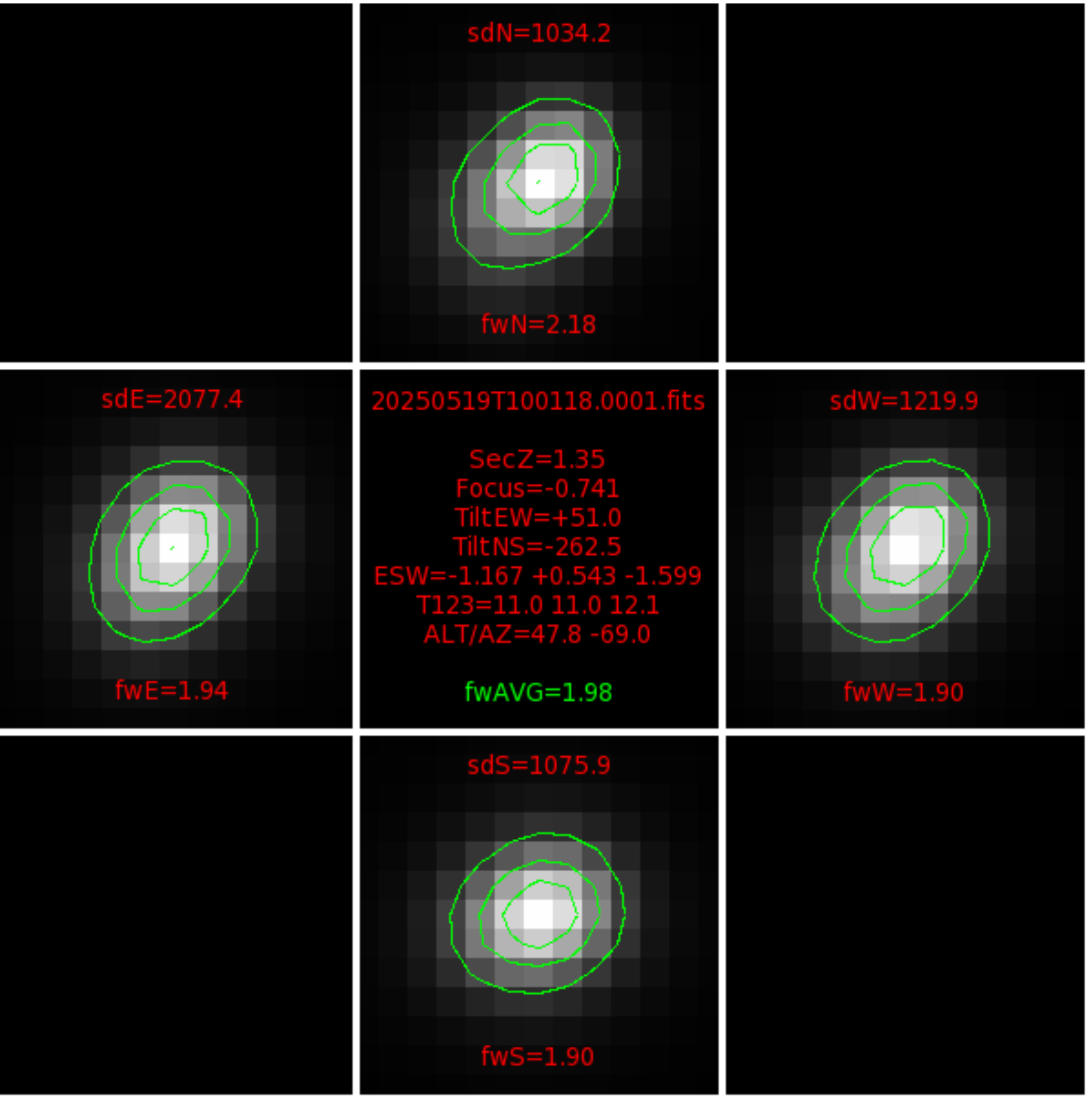
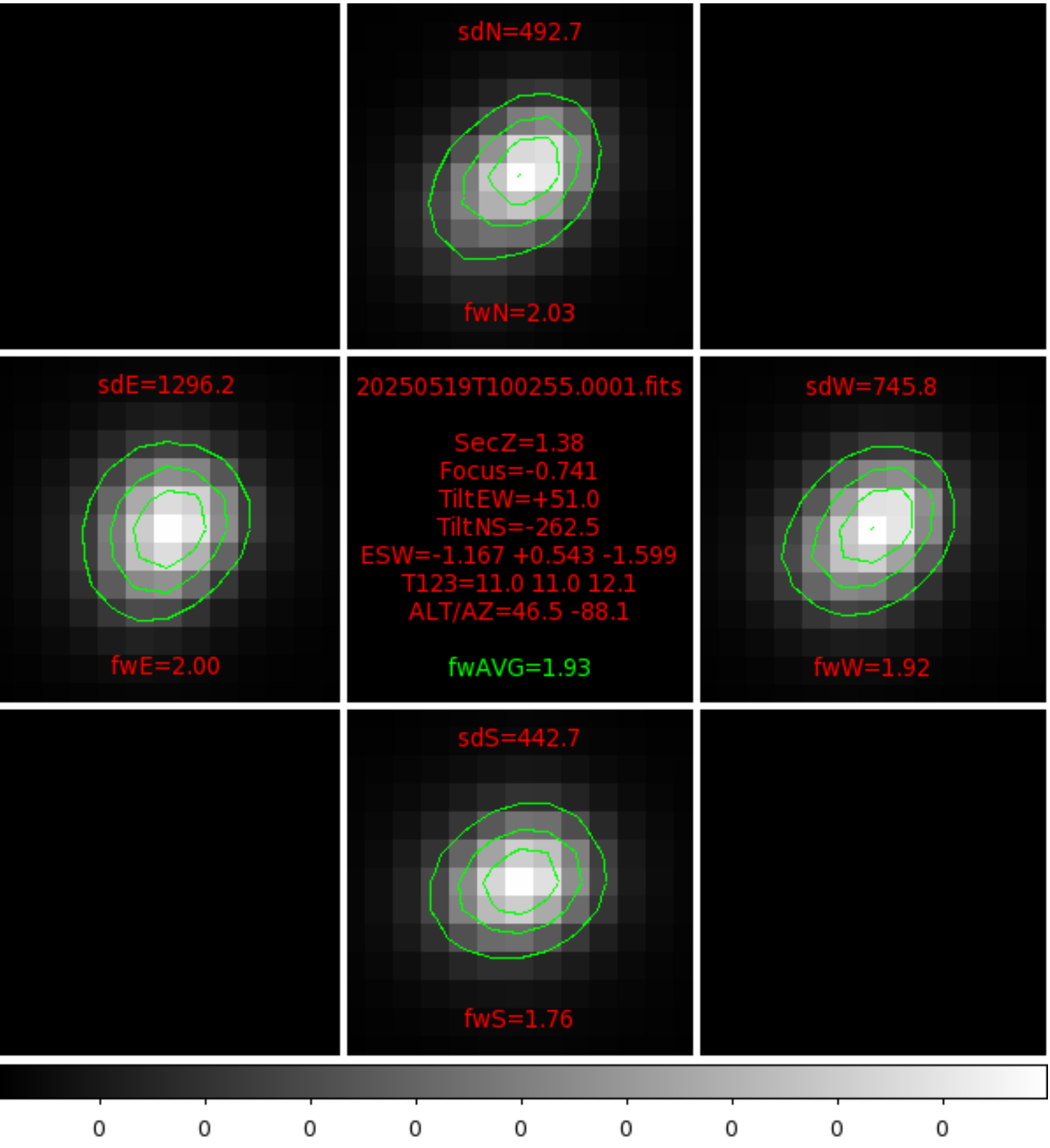

sdN=1034.2
fwN=2.18
sdE=2077.4
fwE=1.94
20250519T100118.0001.fits
SecZ=1.35
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=47.8 -69.0
fwAVG=1.98
sdW=1219.9
fwW=1.90
sdS=1075.9
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=492.7
fwN=2.03
sdE=1296.2
fwE=2.00
20250519T100255.0001.fits
SecZ=1.38
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=46.5 -88.1
fwAVG=1.93
sdW=745.8
fwW=1.92
sdS=442.7
fwS=1.76
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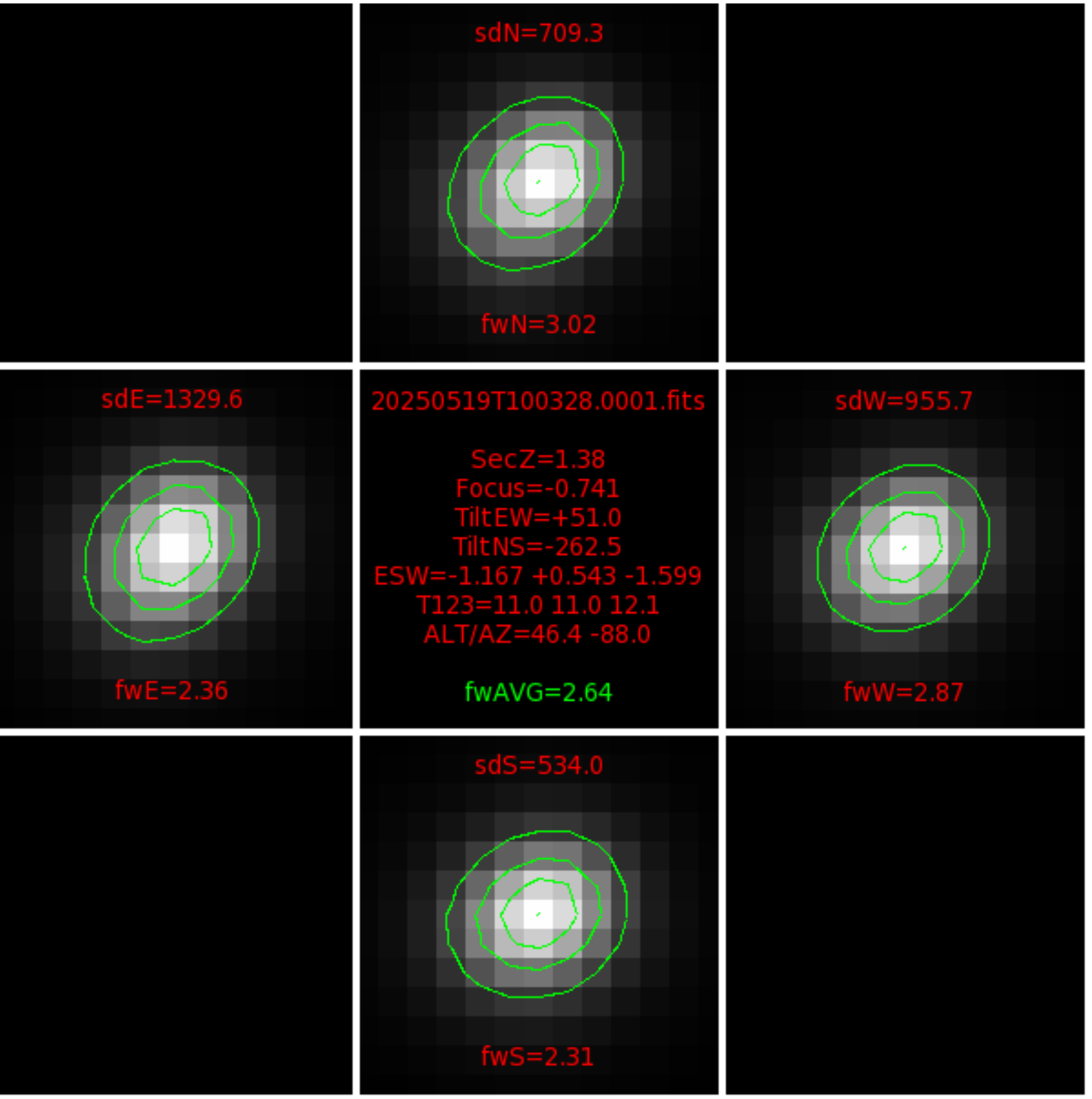
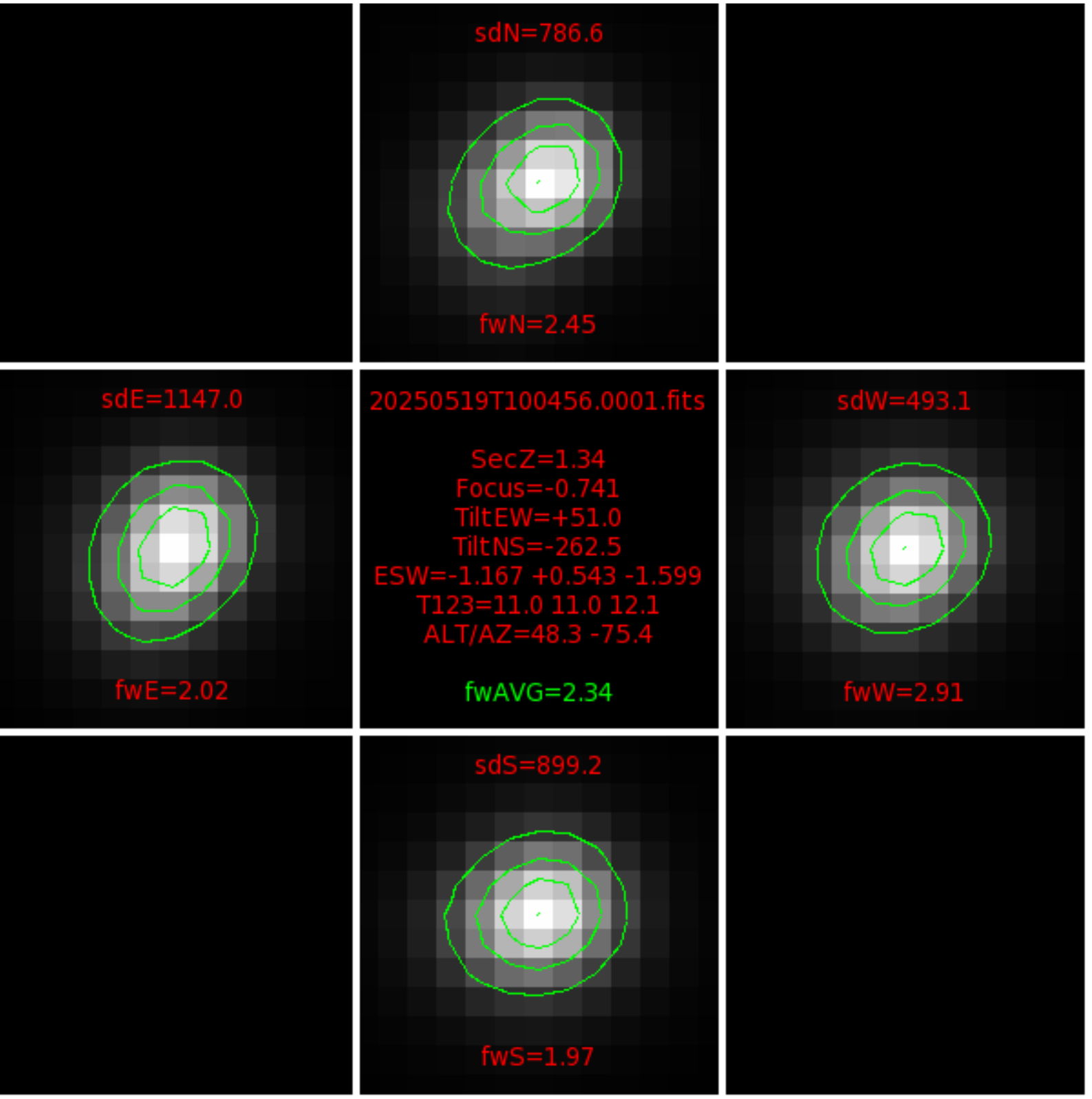
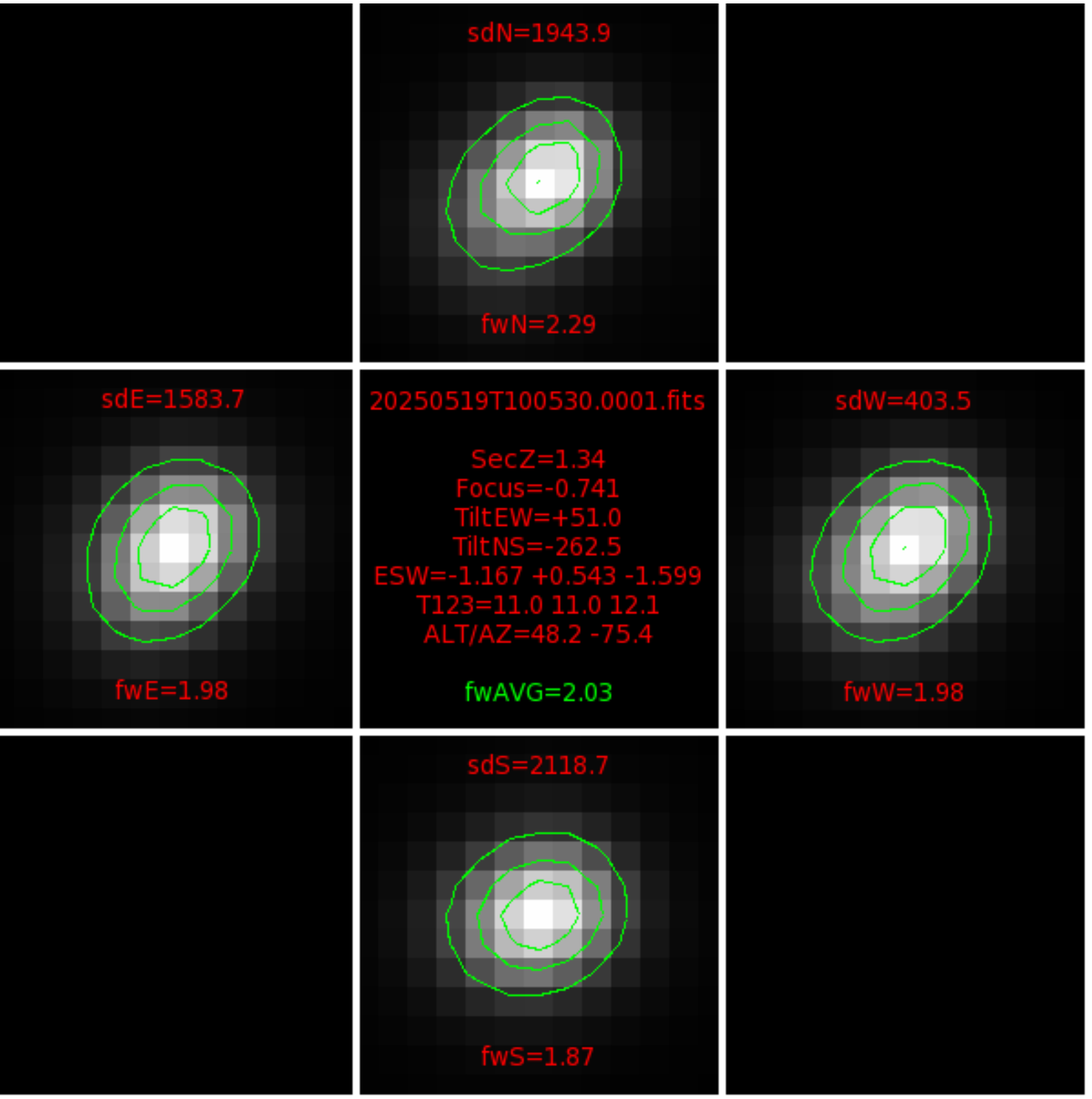

sdN=709.3
fwN=3.02
sdE=1329.6
fwE=2.36
20250519T100328.0001.fits
SecZ=1.38
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=46.4 -88.0
fwAVG=2.64
sdW=955.7
fwW=2.87
sdS=534.0
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=786.6
fwN=2.45
sdE=1147.0
fwE=2.02
20250519T100456.0001.fits
SecZ=1.34
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=48.3 -75.4
fwAVG=2.34
sdW=493.1
fwW=2.91
sdS=899.2
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=1943.9
fwN=2.29
sdE=1583.7
fwE=1.98
20250519T100530.0001.fits
SecZ=1.34
Focus=-0.741
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.167 +0.543 -1.599
T123=11.0 11.0 12.1
ALT/AZ=48.2 -75.4
fwAVG=2.03
sdW=403.5
fwW=1.98
sdS=2118.7
fwS=1.87
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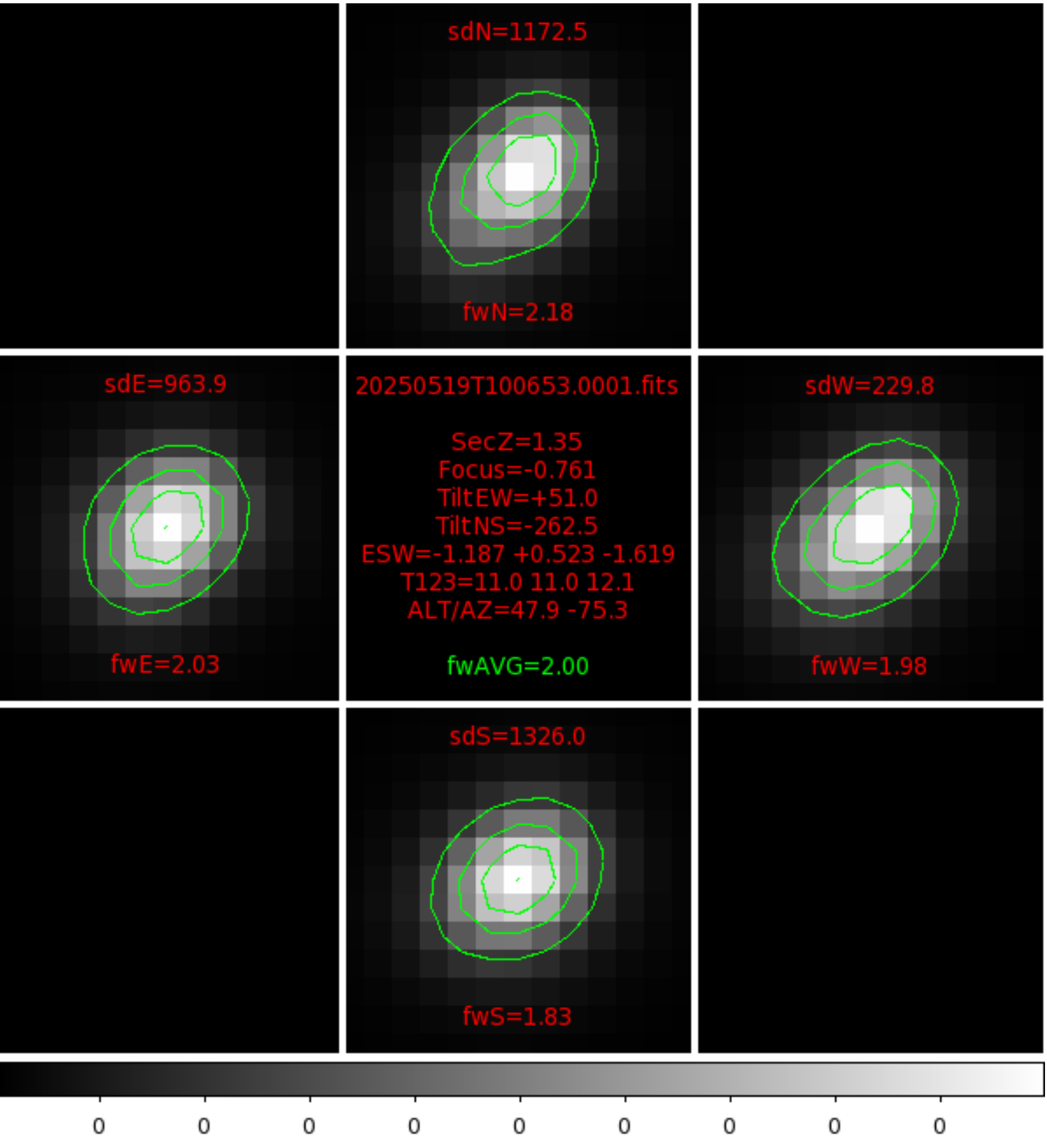
sdN=1172.5
fwN=2.18
sdE=963.9
fwE=2.03
20250519T100653.0001.fits
SecZ=1.35
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=47.9 -75.3
fwAVG=2.00
sdW=229.8
fwW=1.98
sdS=1326.0
fwS=1.83
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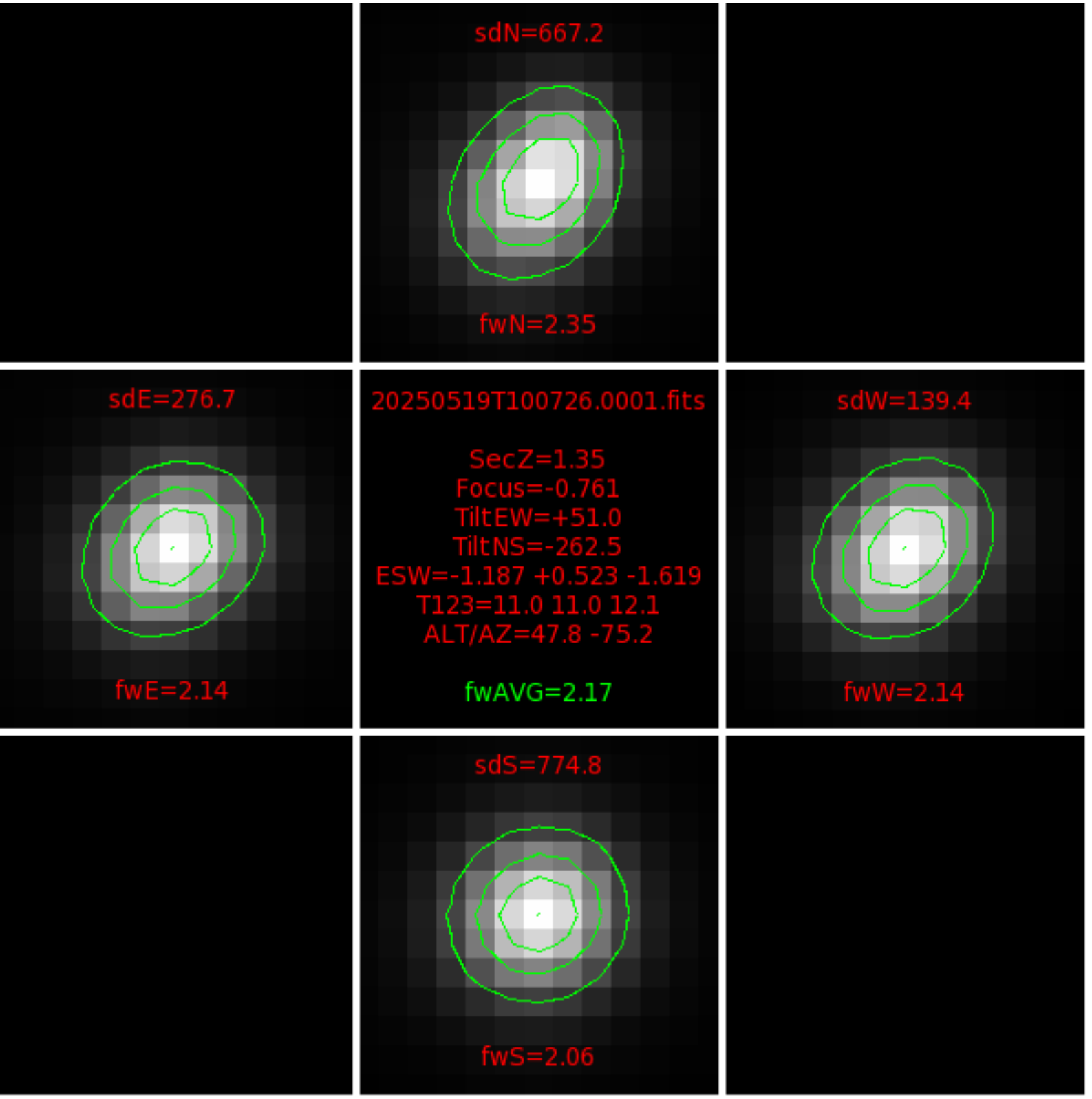
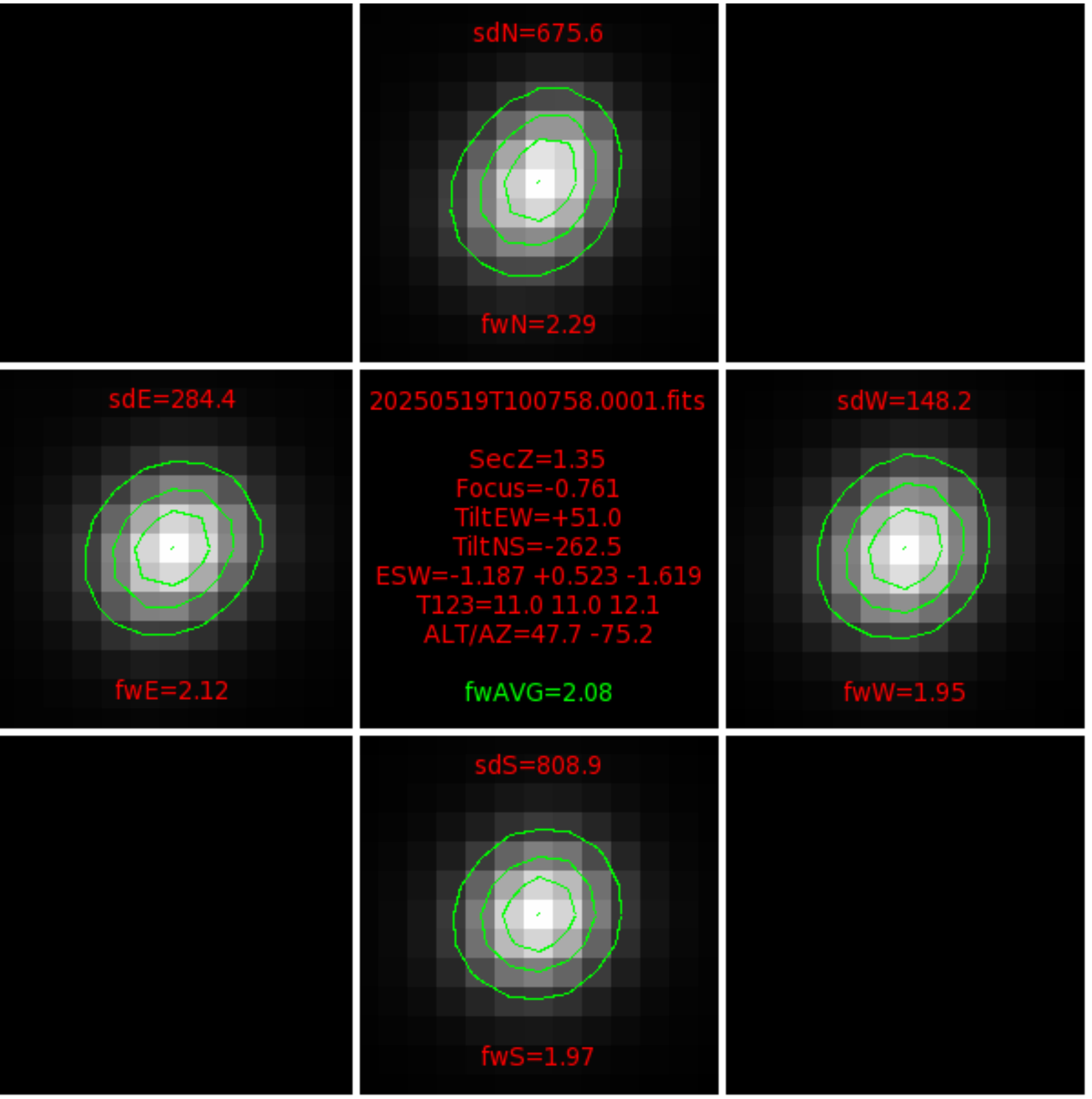
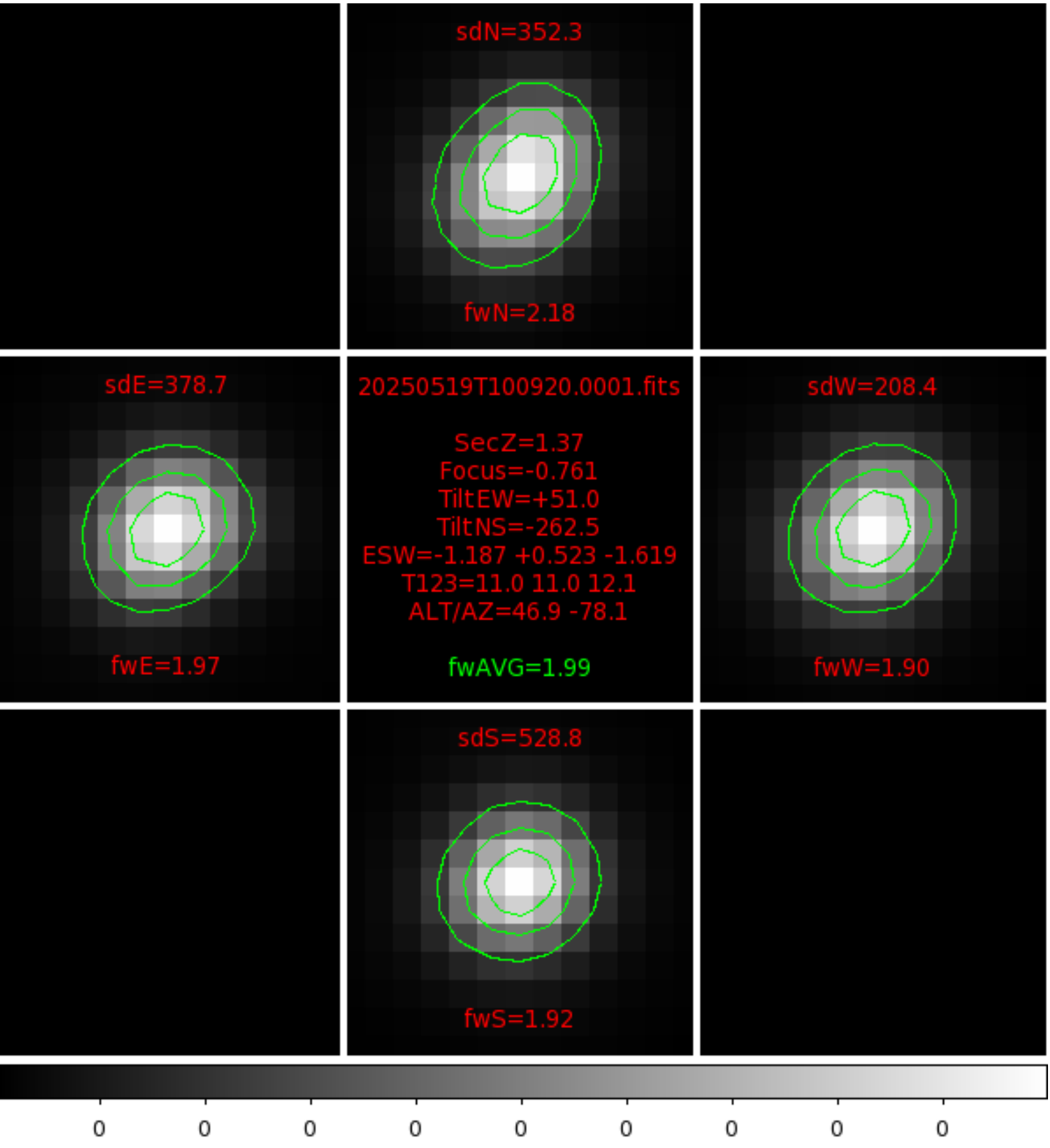

sdN=667.2
fwN=2.35
sdE=276.7
fwE=2.14
20250519T100726.0001.fits
SecZ=1.35
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=47.8 -75.2
fwAVG=2.17
sdW=139.4
fwW=2.14
sdS=774.8
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=675.6
fwN=2.29
sdE=284.4
fwE=2.12
20250519T100758.0001.fits
SecZ=1.35
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=47.7 -75.2
fwAVG=2.08
sdW=148.2
fwW=1.95
sdS=808.9
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=352.3
fwN=2.18
sdE=378.7
fwE=1.97
20250519T100920.0001.fits
SecZ=1.37
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=46.9 -78.1
fwAVG=1.99
sdW=208.4
fwW=1.90
sdS=528.8
fwS=1.92
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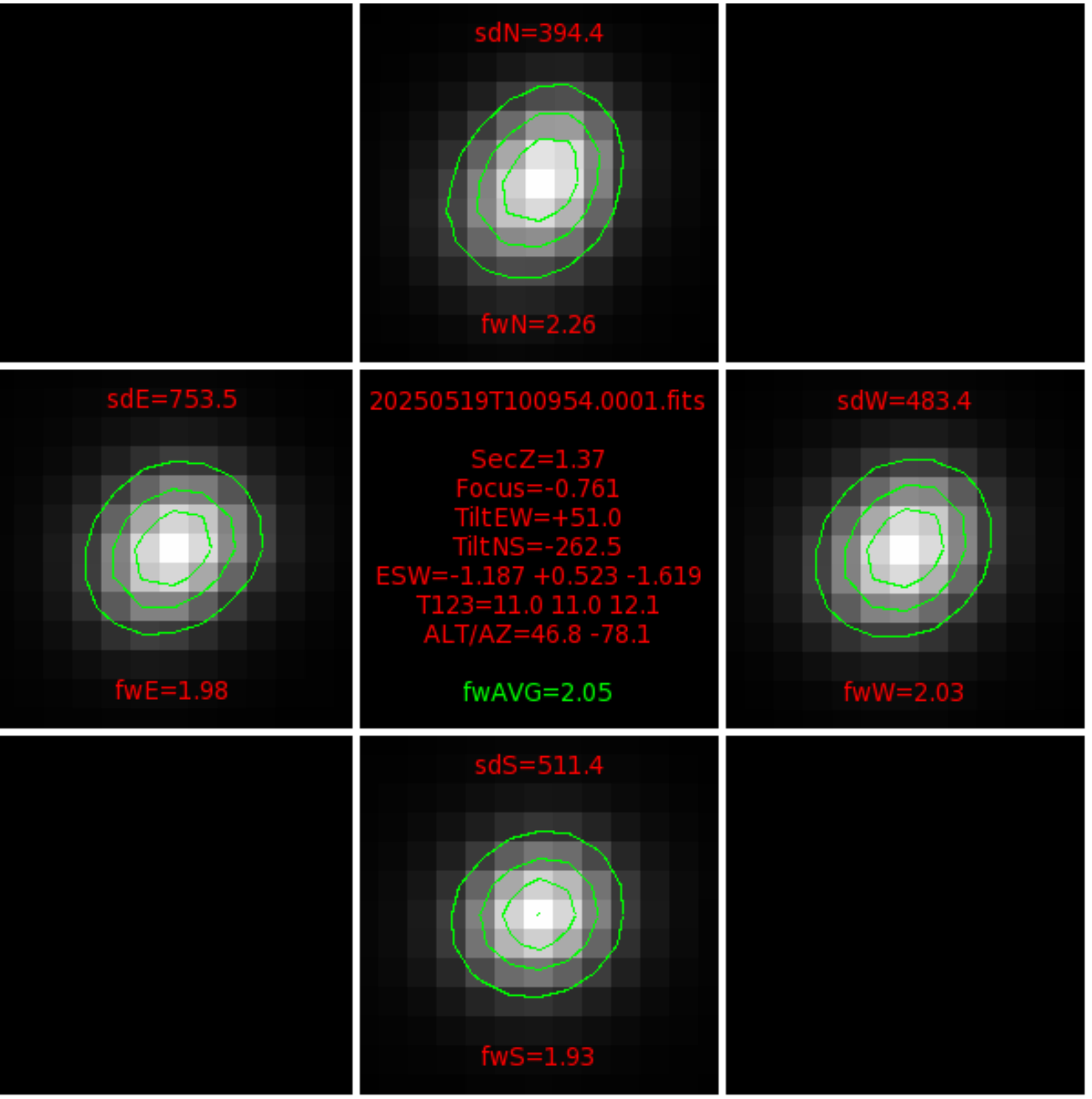
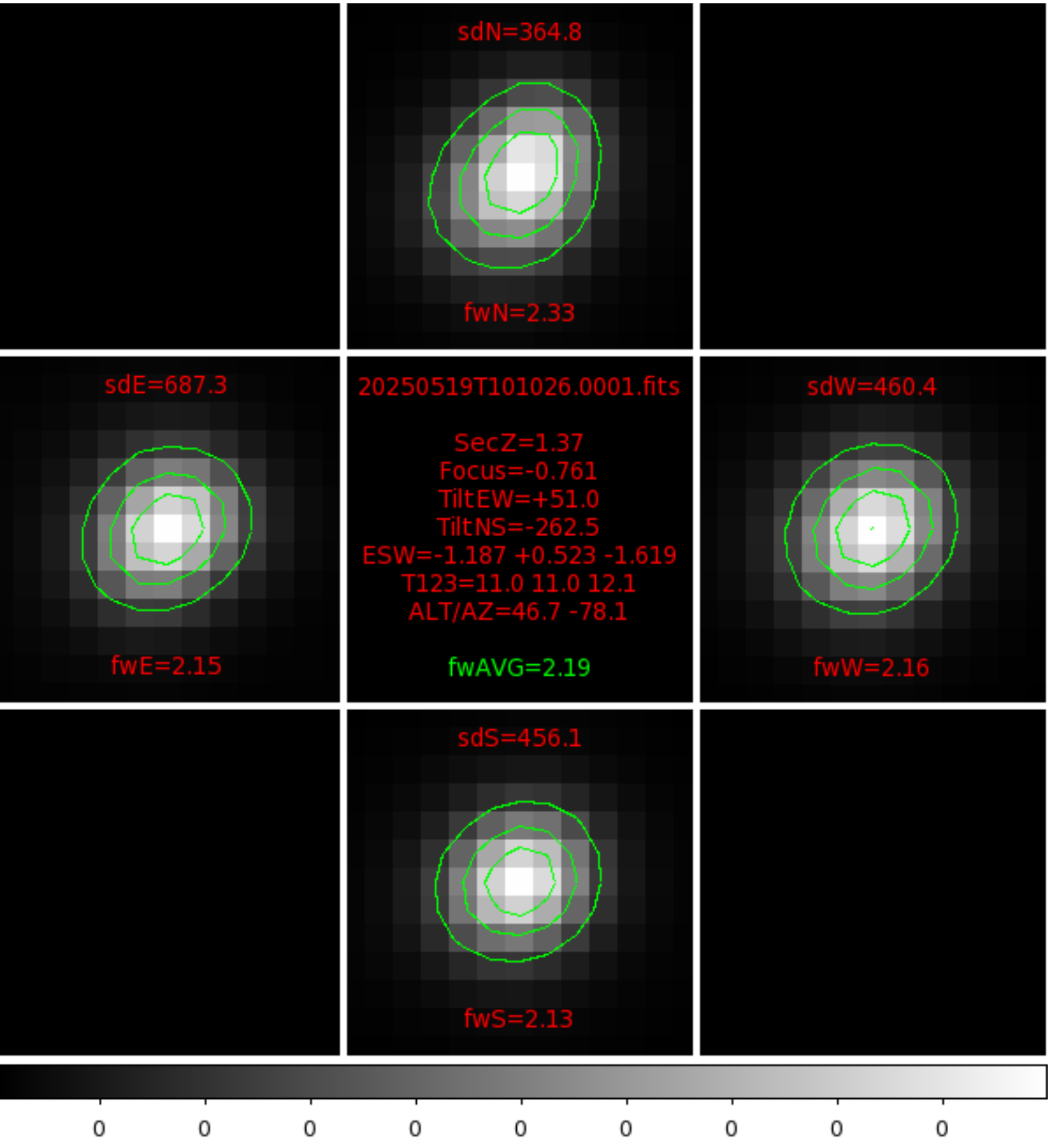

sdN=394.4
fwN=2.26
sdE=753.5
fwE=1.98
20250519T100954.0001.fits
SecZ=1.37
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=46.8 -78.1
fwAVG=2.05
sdW=483.4
fwW=2.03
sdS=511.4
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=364.8
fwN=2.33
sdE=687.3
fwE=2.15
20250519T101026.0001.fits
SecZ=1.37
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=46.7 -78.1
fwAVG=2.19
sdW=460.4
fwW=2.16
sdS=456.1
fwS=2.13
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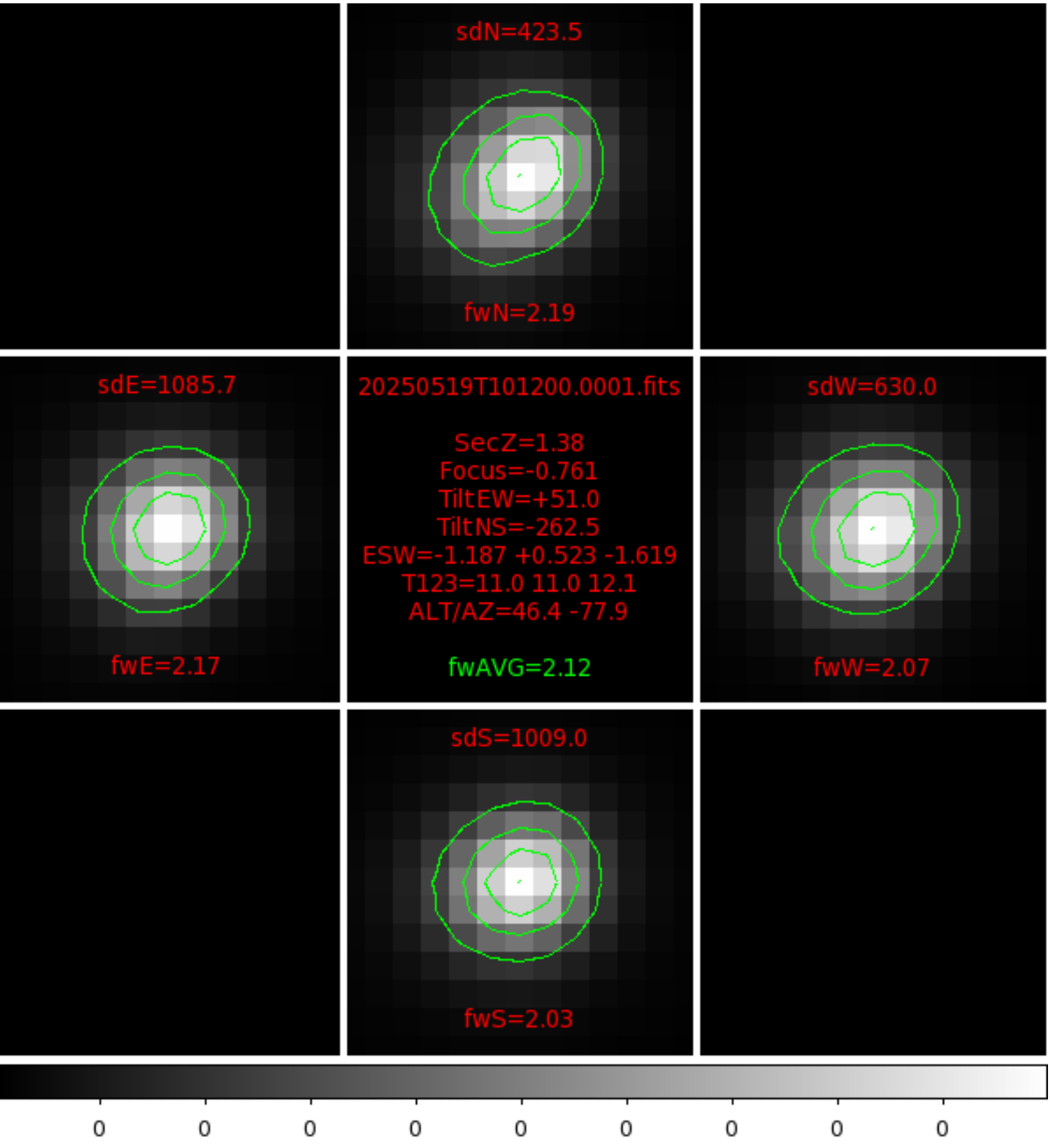
sdN=423.5
fwN=2.19
sdE=1085.7
fwE=2.17
20250519T101200.0001.fits
SecZ=1.38
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=46.4 -77.9
fwAVG=2.12
sdW=630.0
fwW=2.07
sdS=1009.0
fwS=2.03
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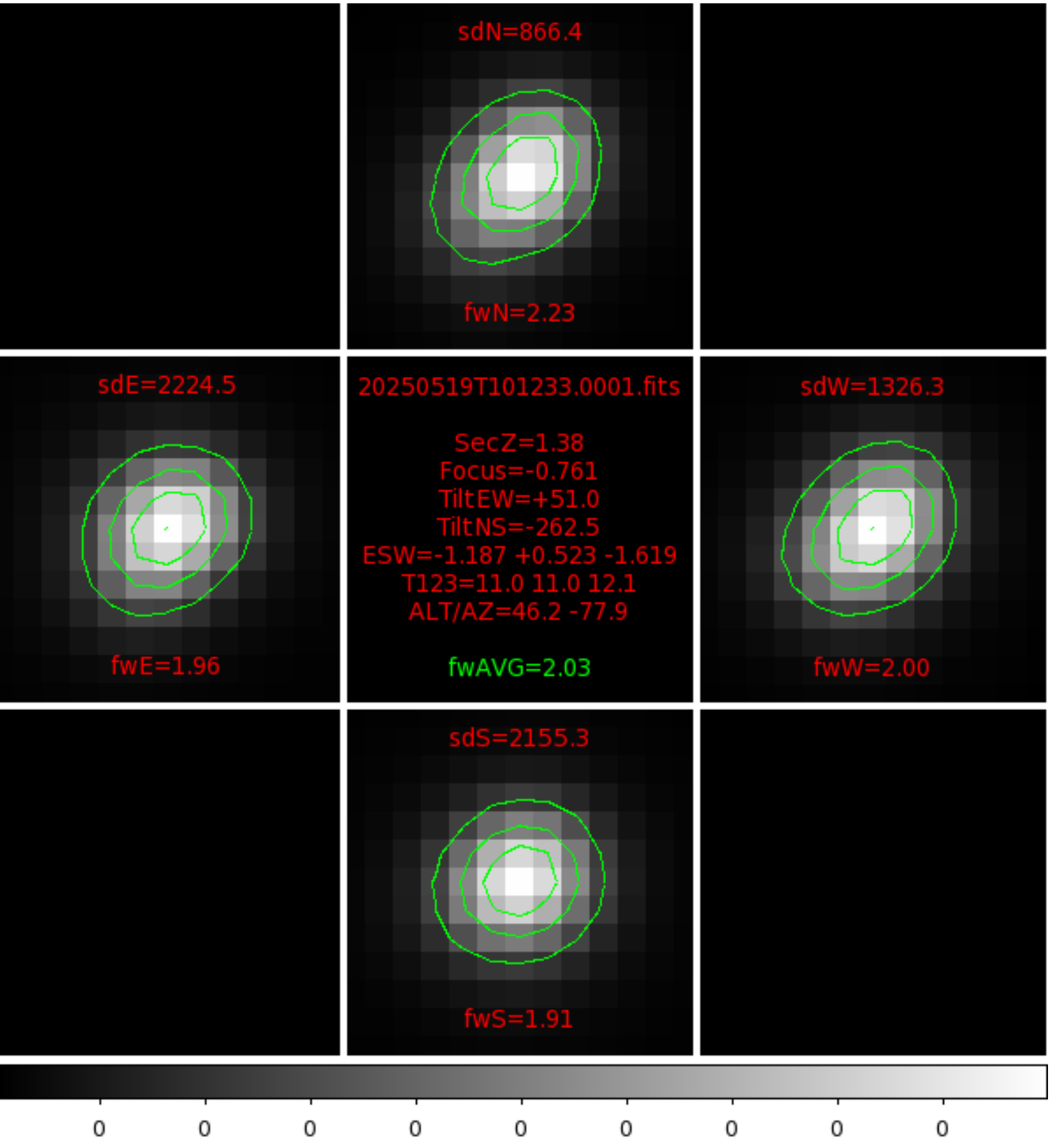
sdN=866.4
fwN=2.23
sdE=2224.5
fwE=1.96
20250519T101233.0001.fits
SecZ=1.38
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=46.2 -77.9
fwAVG=2.03
sdW=1326.3
fwW=2.00
sdS=2155.3
fwS=1.91
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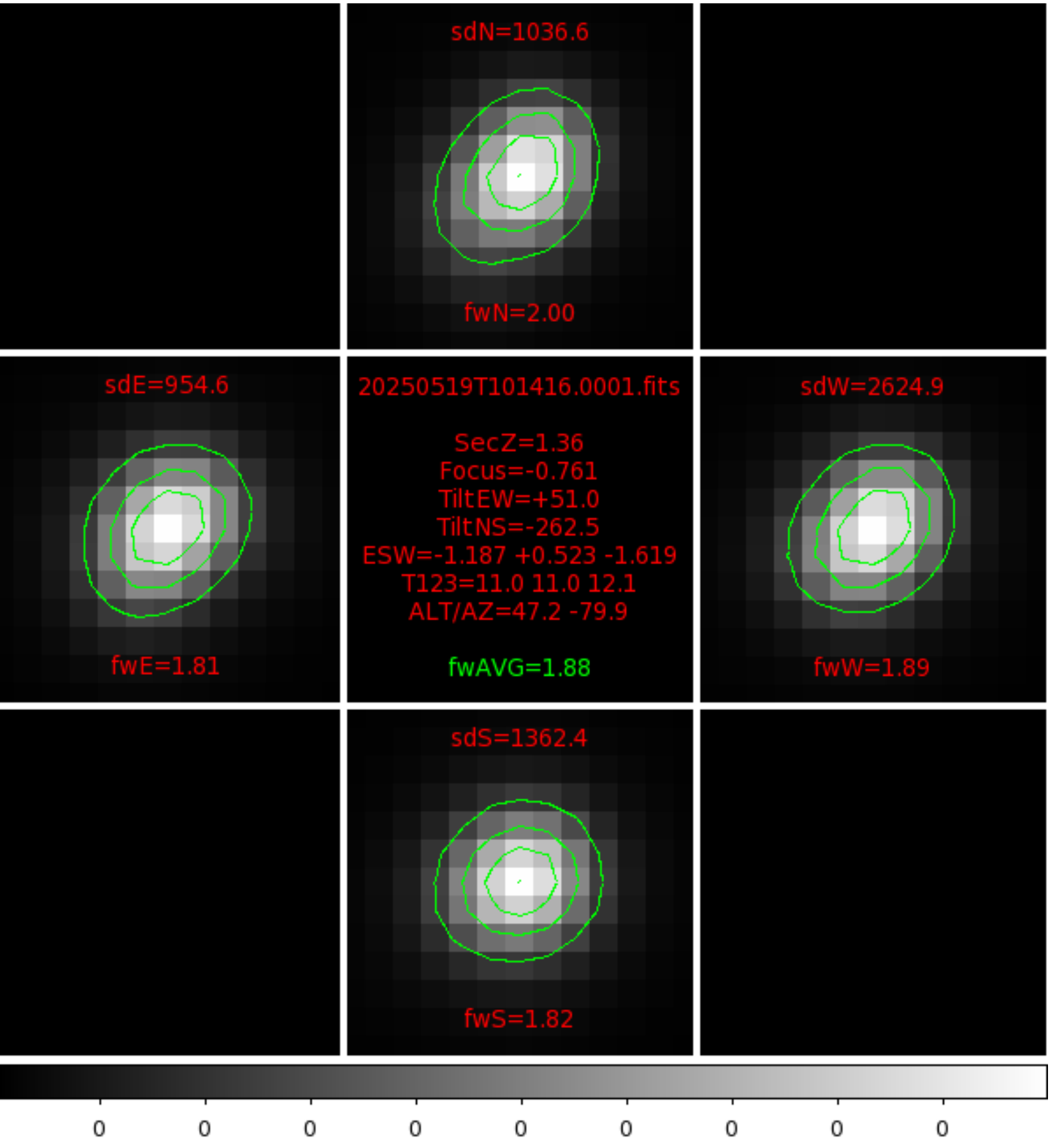
sdN=1036.6
fwN=2.00
sdE=954.6
fwE=1.81
20250519T101416.0001.fits
SecZ=1.36
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=47.2 -79.9
fwAVG=1.88
sdW=2624.9
fwW=1.89
sdS=1362.4
fwS=1.82
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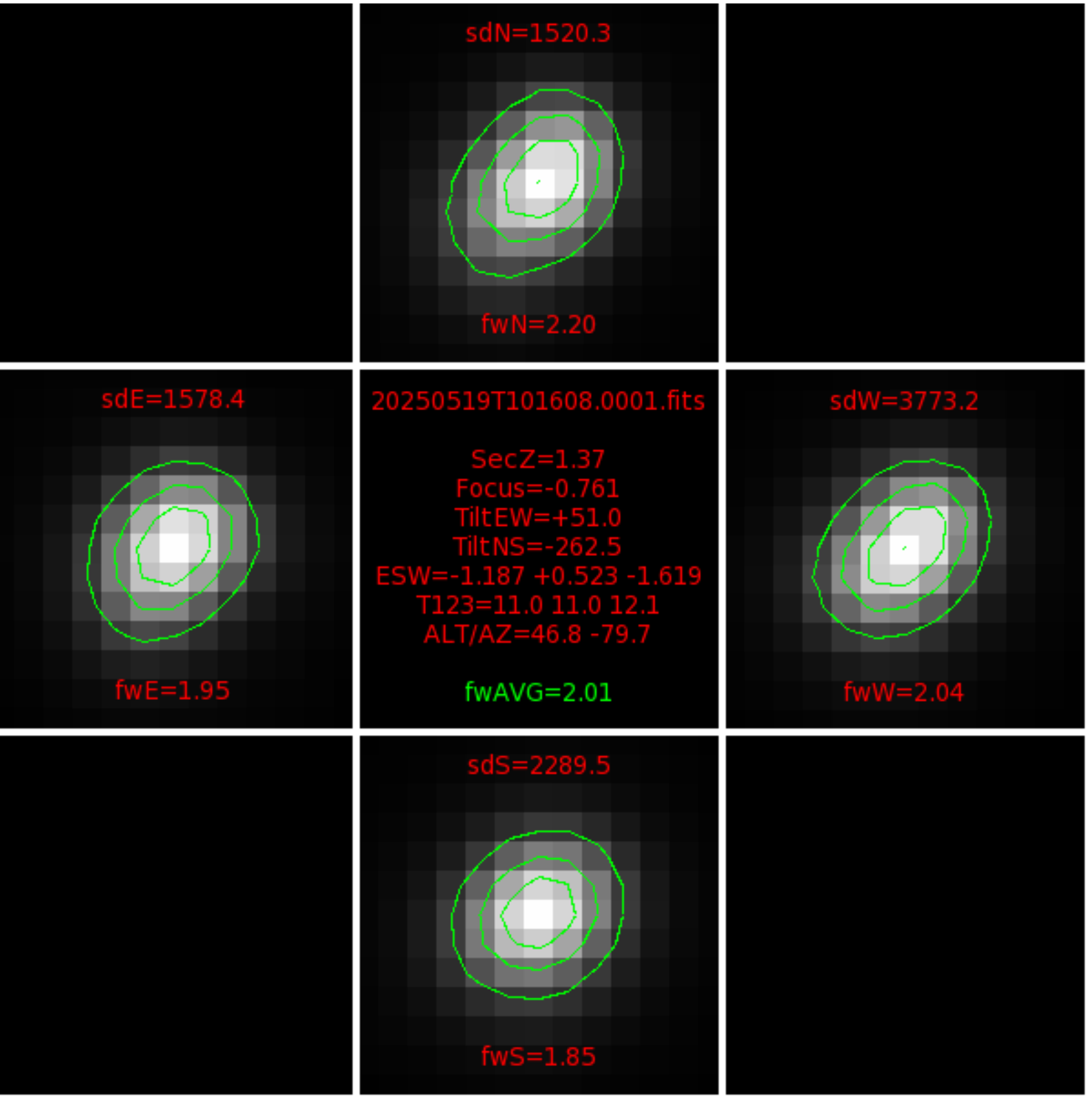
sdN=1520.3
fwN=2.20
sdE=1578.4
fwE=1.95
20250519T101608.0001.fits
SecZ=1.37
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=46.8 -79.7
fwAVG=2.01
sdW=3773.2
fwW=2.04
sdS=2289.5
fwS=1.85
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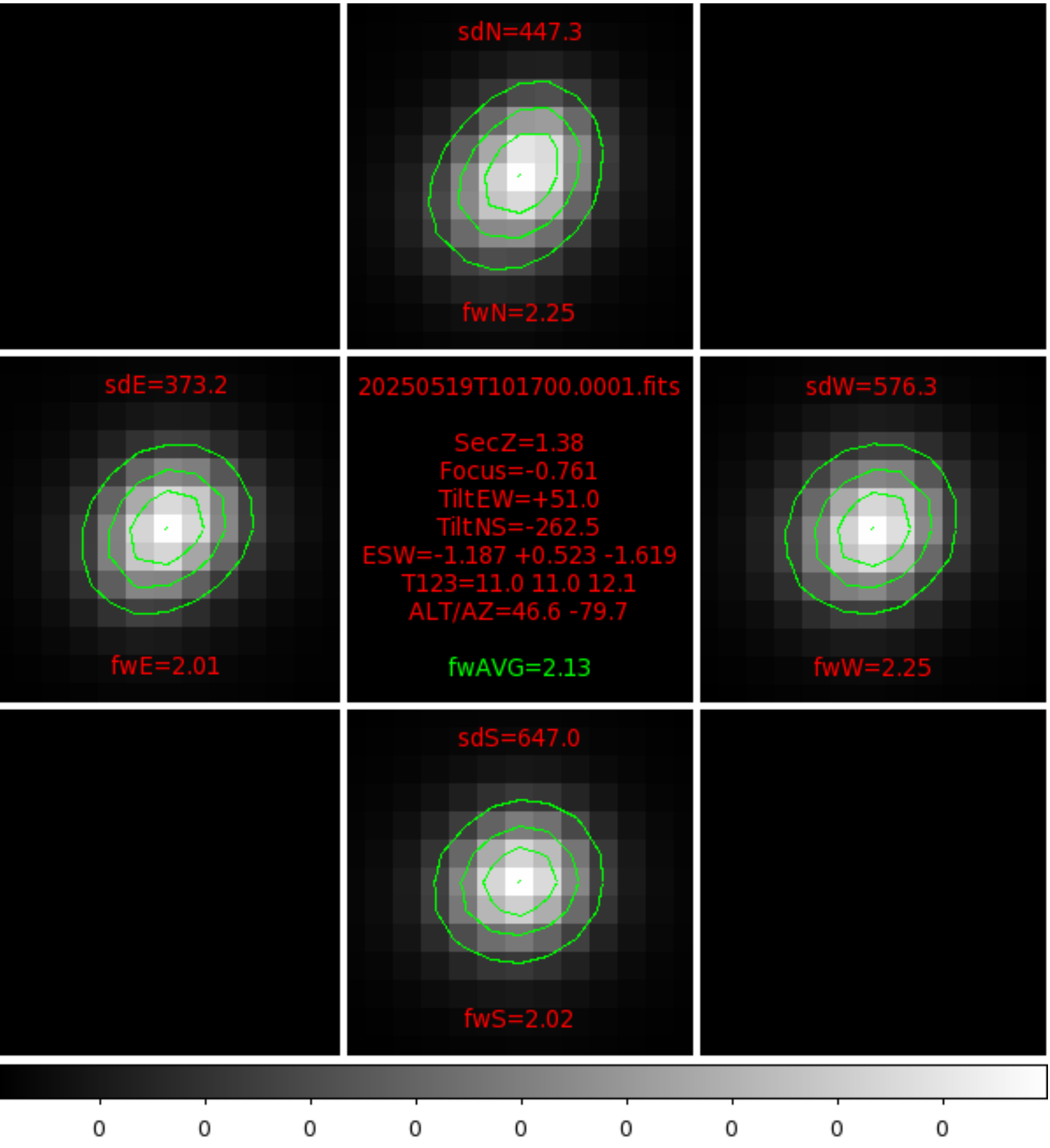
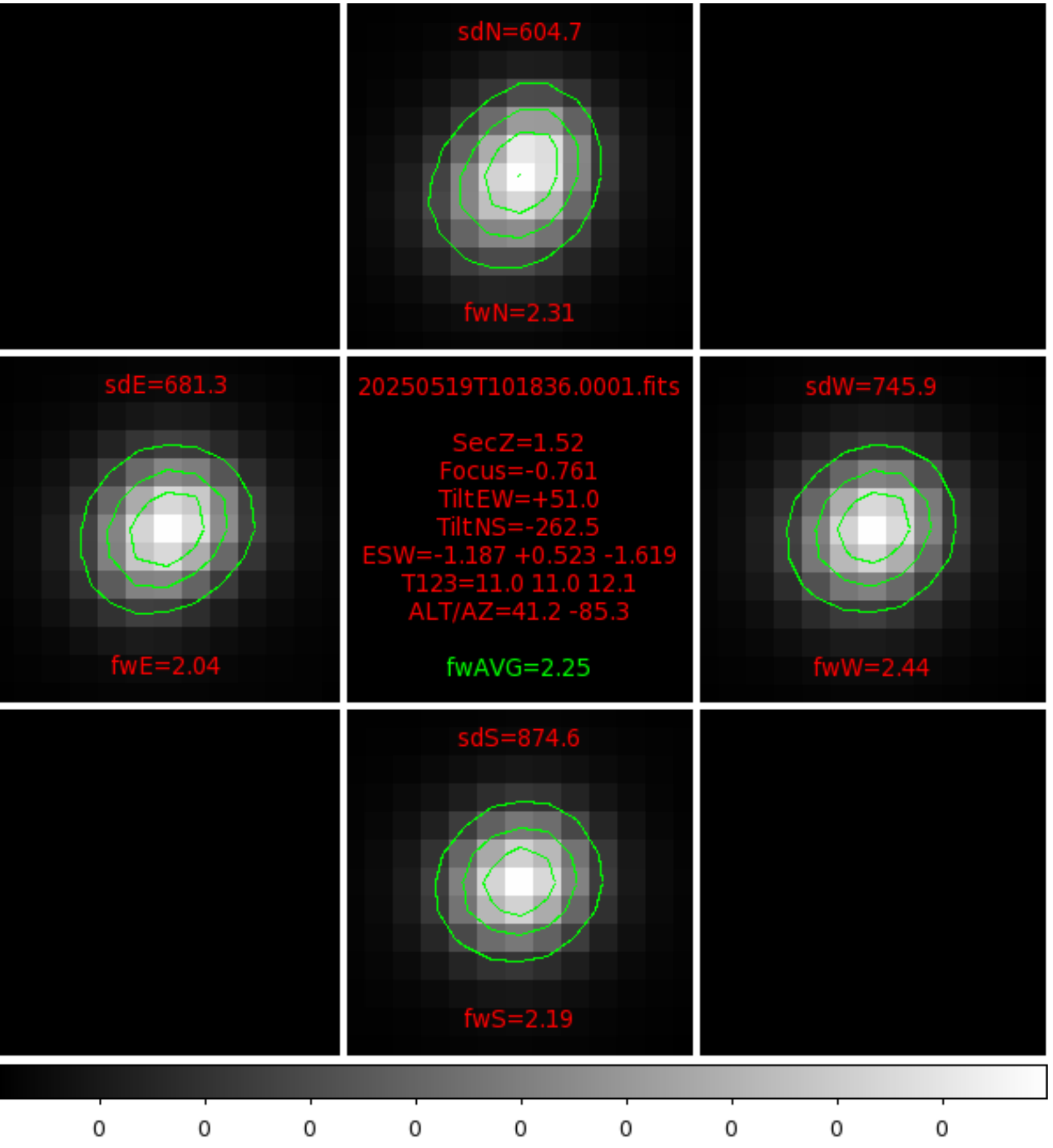

sdN=447.3
fwN=2.25
sdE=373.2
fwE=2.01
20250519T101700.0001.fits
SecZ=1.38
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=46.6 -79.7
fwAVG=2.13
sdW=576.3
fwW=2.25
sdS=647.0
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=604.7
fwN=2.31
sdE=681.3
fwE=2.04
20250519T101836.0001.fits
SecZ=1.52
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=41.2 -85.3
fwAVG=2.25
sdW=745.9
fwW=2.44
sdS=874.6
fwS=2.19
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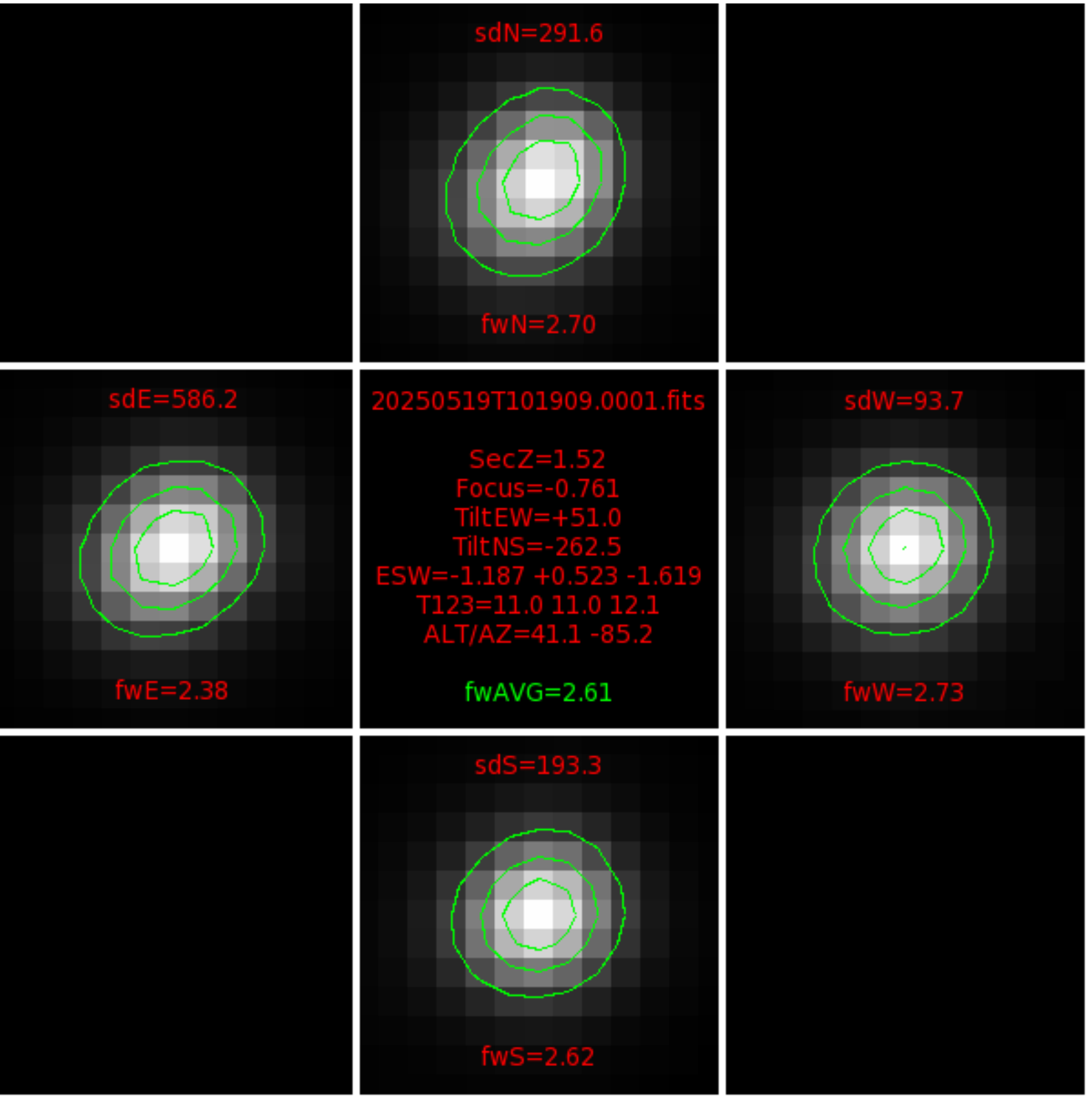
sdN=291.6
fwN=2.70
sdE=586.2
fwE=2.38
20250519T101909.0001.fits
SecZ=1.52
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=41.1 -85.2
fwAVG=2.61
sdW=93.7
fwW=2.73
sdS=193.3
fwS=2.62
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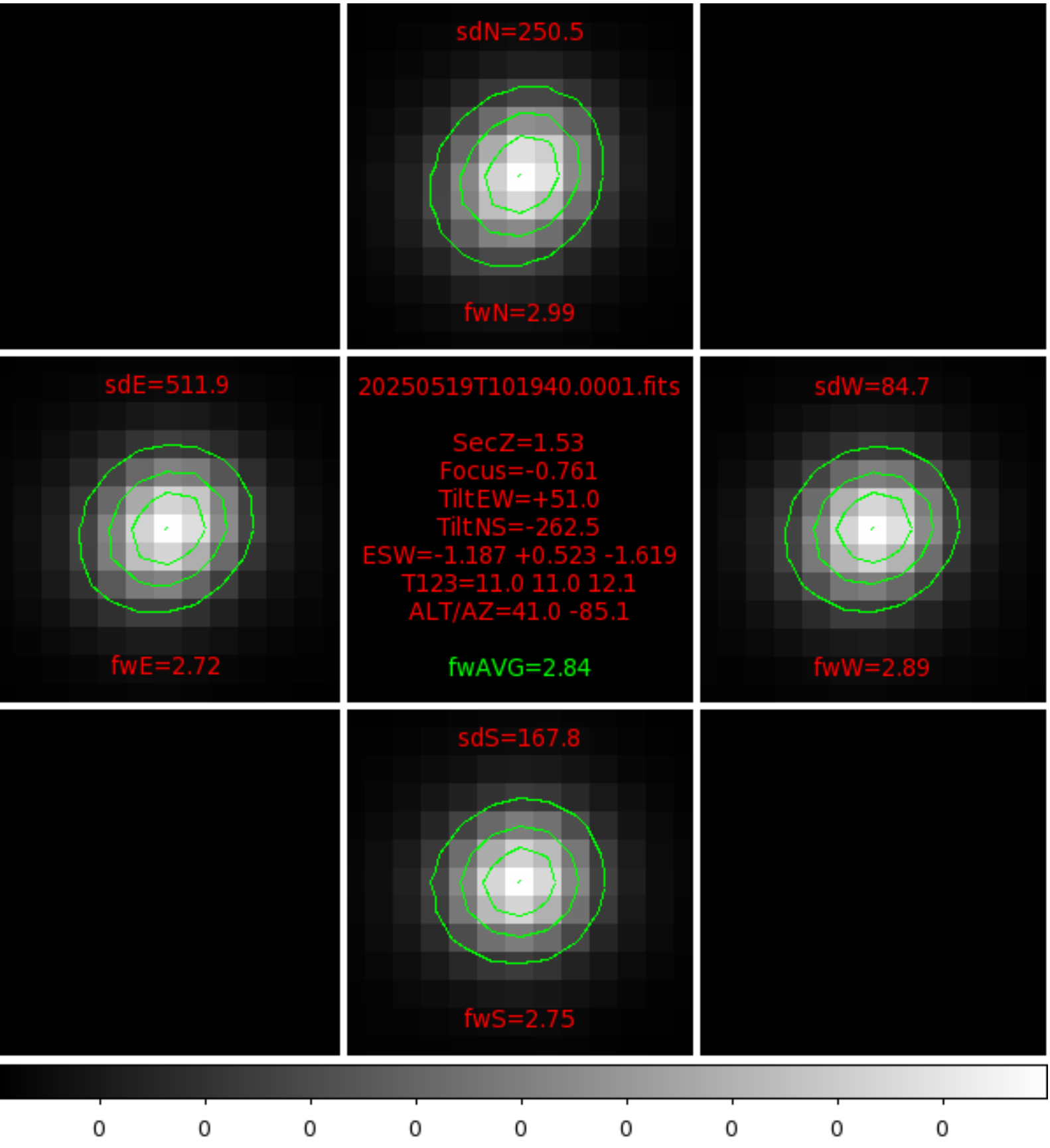
sdN=250.5
fwN=2.99
sdE=511.9
fwE=2.72
20250519T101940.0001.fits
SecZ=1.53
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=41.0 -85.1
fwAVG=2.84
sdW=84.7
fwW=2.89
sdS=167.8
fwS=2.75
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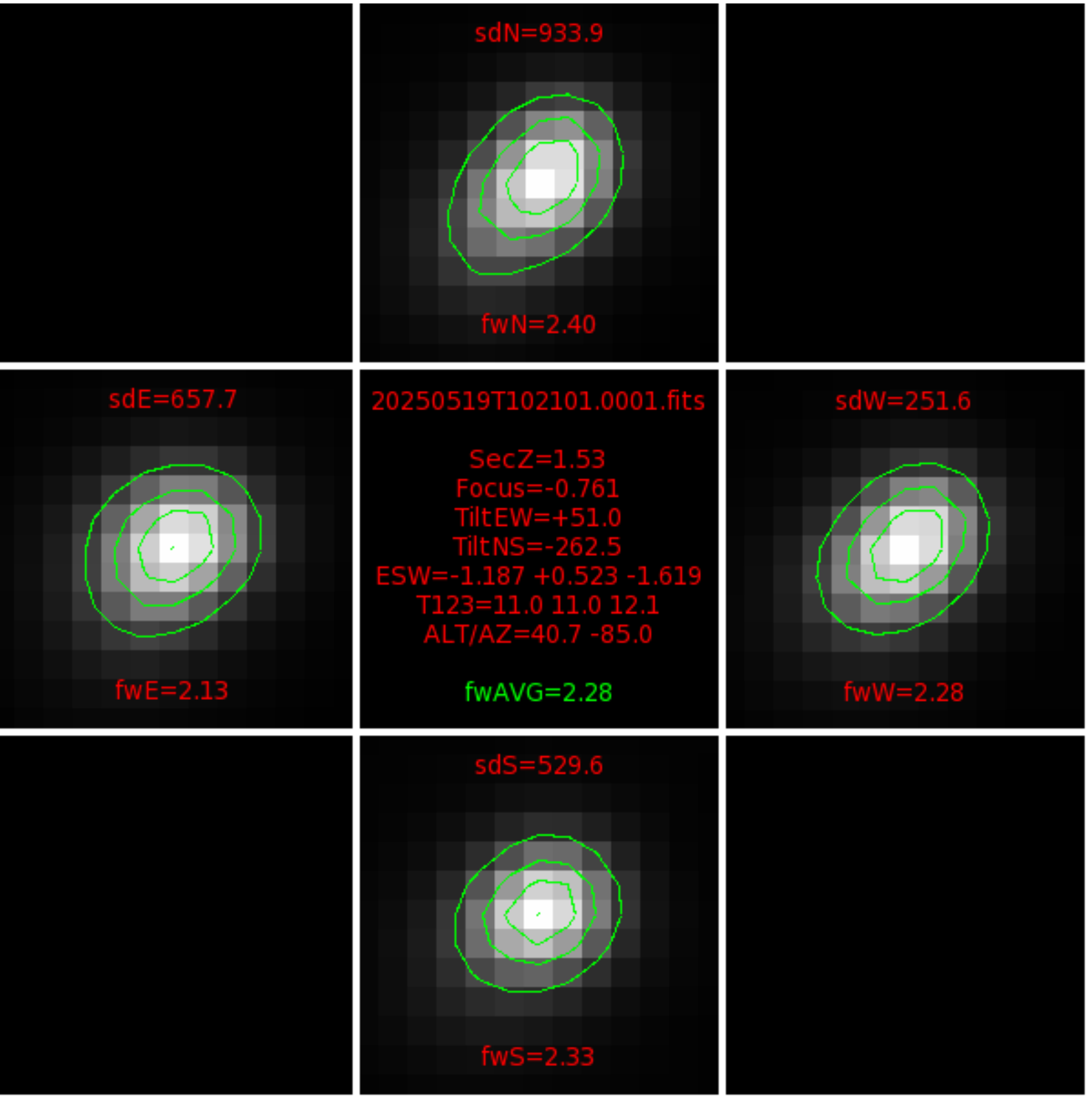
sdN=933.9
fwN=2.40
sdE=657.7
fwE=2.13
20250519T102101.0001.fits
SecZ=1.53
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=40.7 -85.0
fwAVG=2.28
sdW=251.6
fwW=2.28
sdS=529.6
fwS=2.33
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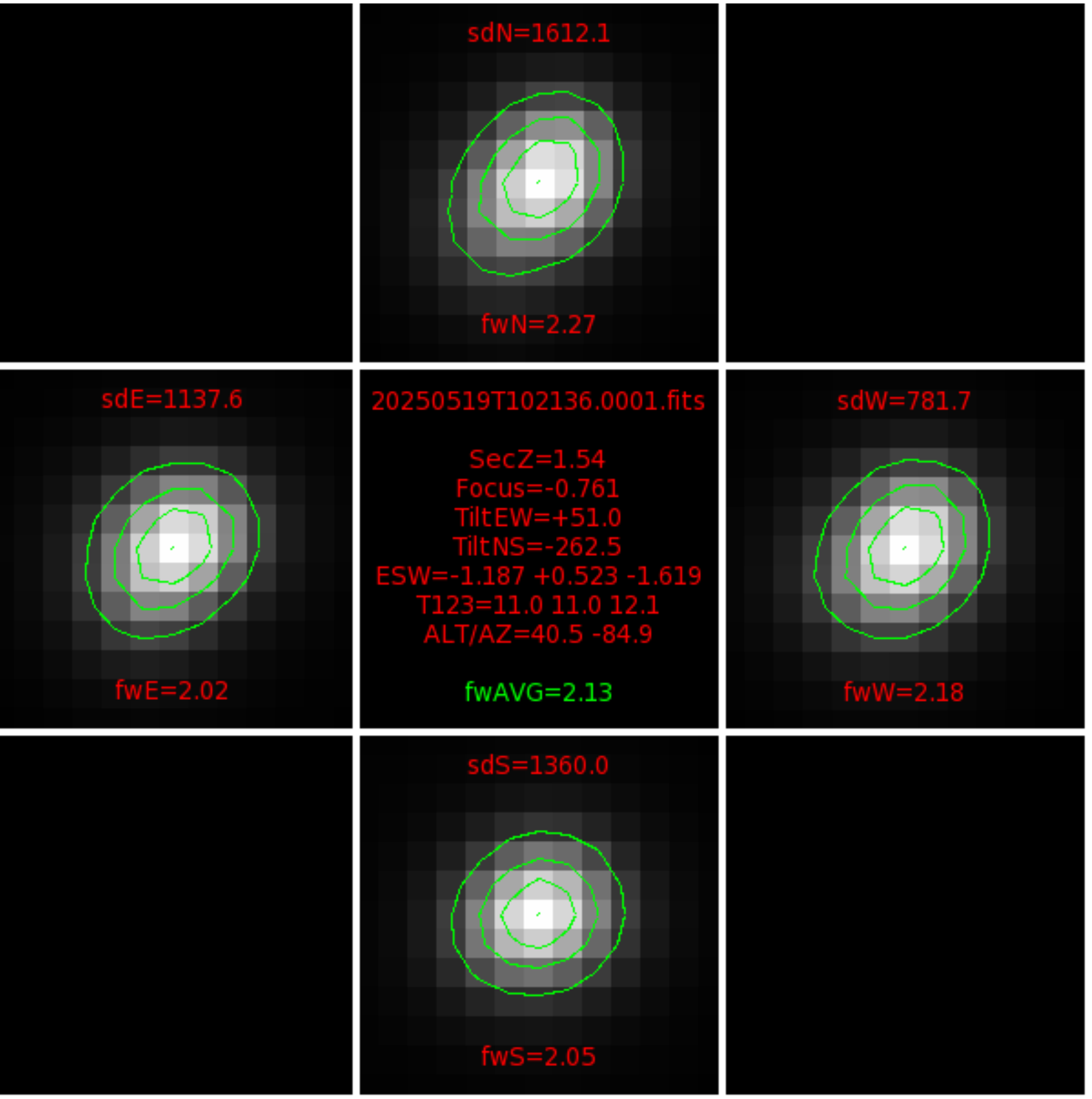
sdN=1612.1
fwN=2.27
sdE=1137.6
fwE=2.02
20250519T102136.0001.fits
SecZ=1.54
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=40.5 -84.9
fwAVG=2.13
sdW=781.7
fwW=2.18
sdS=1360.0
fwS=2.05
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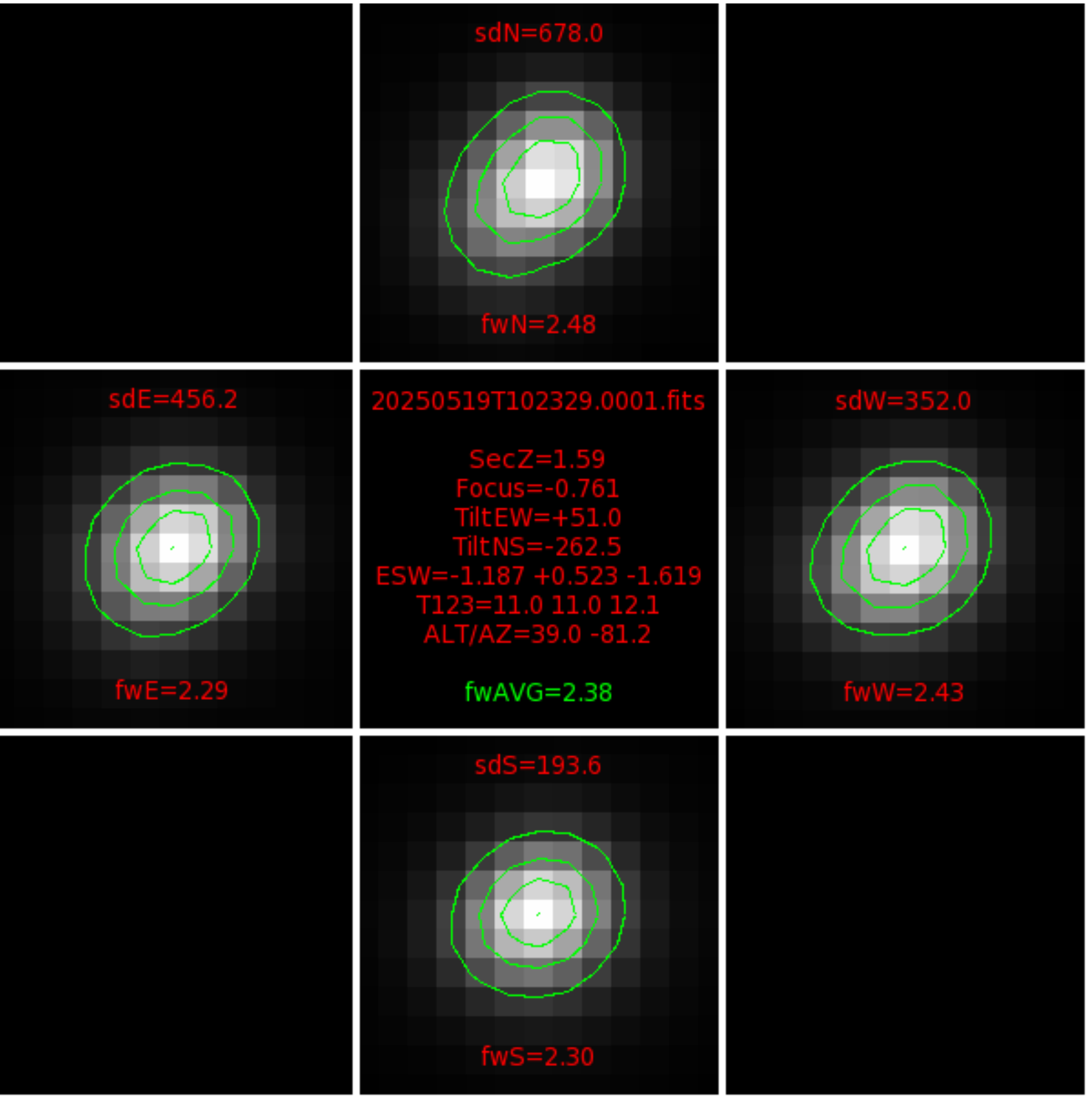
sdN=678.0
fwN=2.48
sdE=456.2
fwE=2.29
20250519T102329.0001.fits
SecZ=1.59
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.0 11.0 12.1
ALT/AZ=39.0 -81.2
fwAVG=2.38
sdW=352.0
fwW=2.43
sdS=193.6
fwS=2.30
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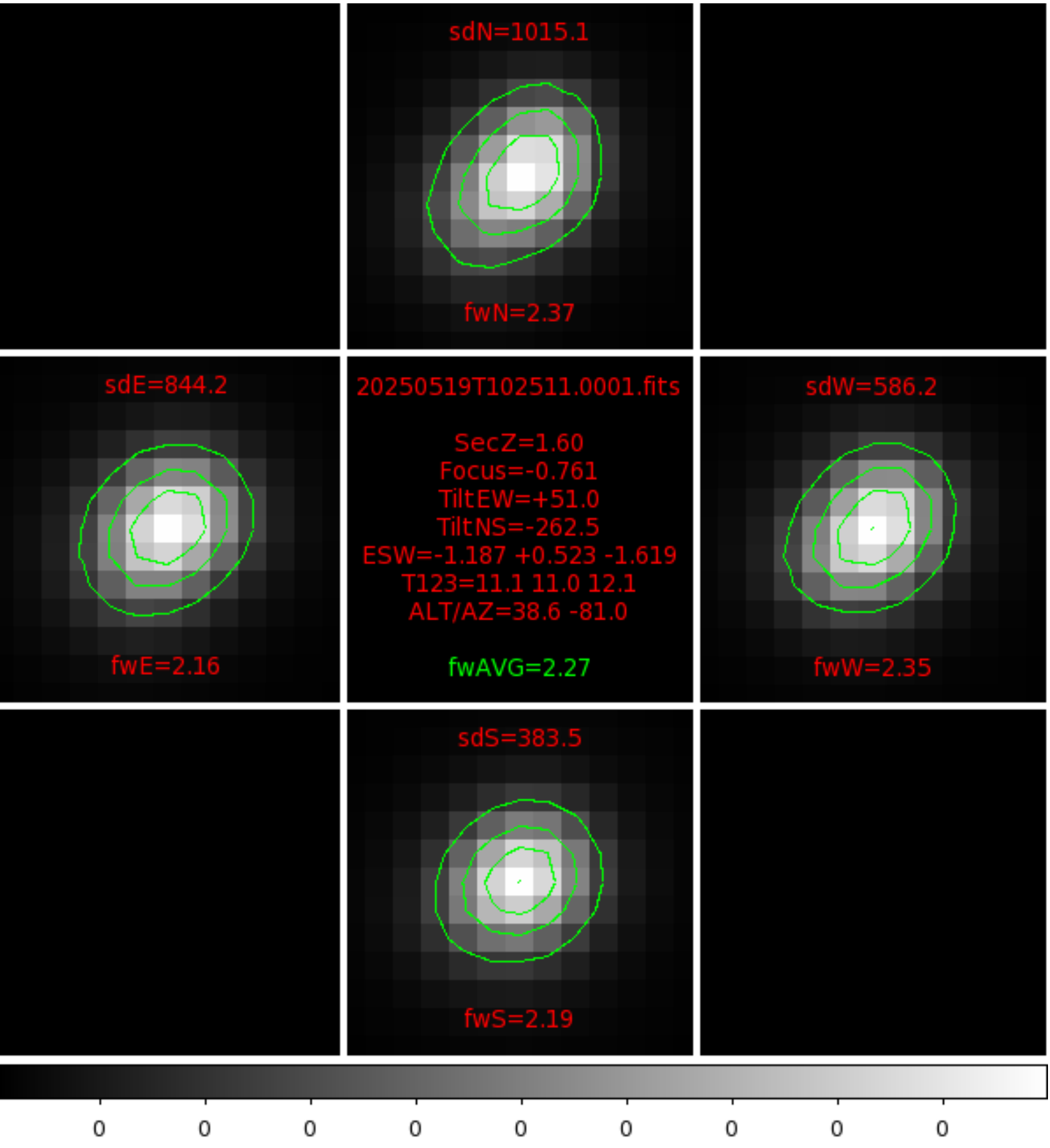
sdN=1015.1
fwN=2.37
sdE=844.2
fwE=2.16
20250519T102511.0001.fits
SecZ=1.60
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=38.6 -81.0
fwAVG=2.27
sdW=586.2
fwW=2.35
sdS=383.5
fwS=2.19
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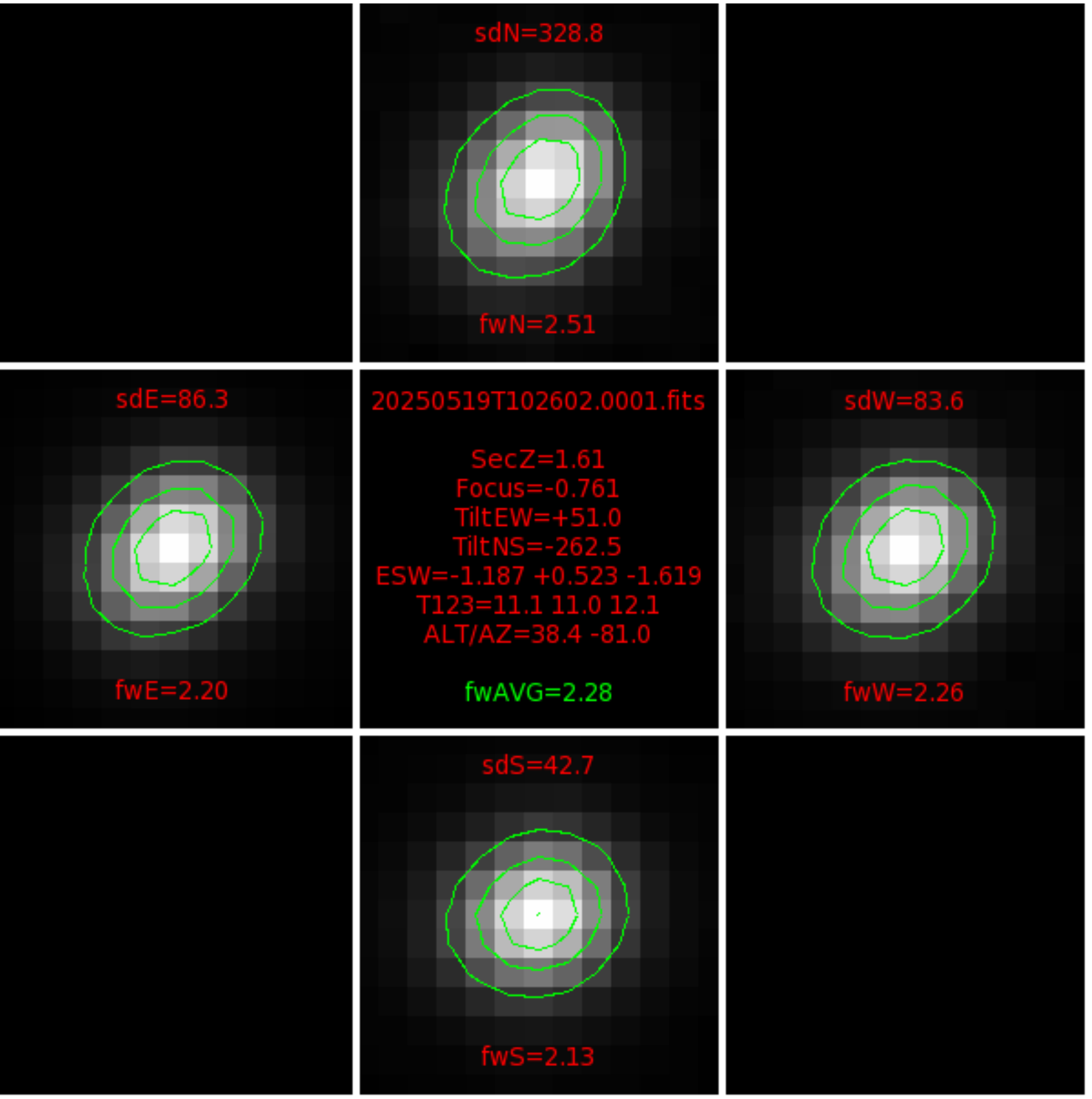
sdN=328.8
fwN=2.51
sdE=86.3
fwE=2.20
20250519T102602.0001.fits
SecZ=1.61
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=38.4 -81.0
fwAVG=2.28
sdW=83.6
fwW=2.26
sdS=42.7
fwS=2.13
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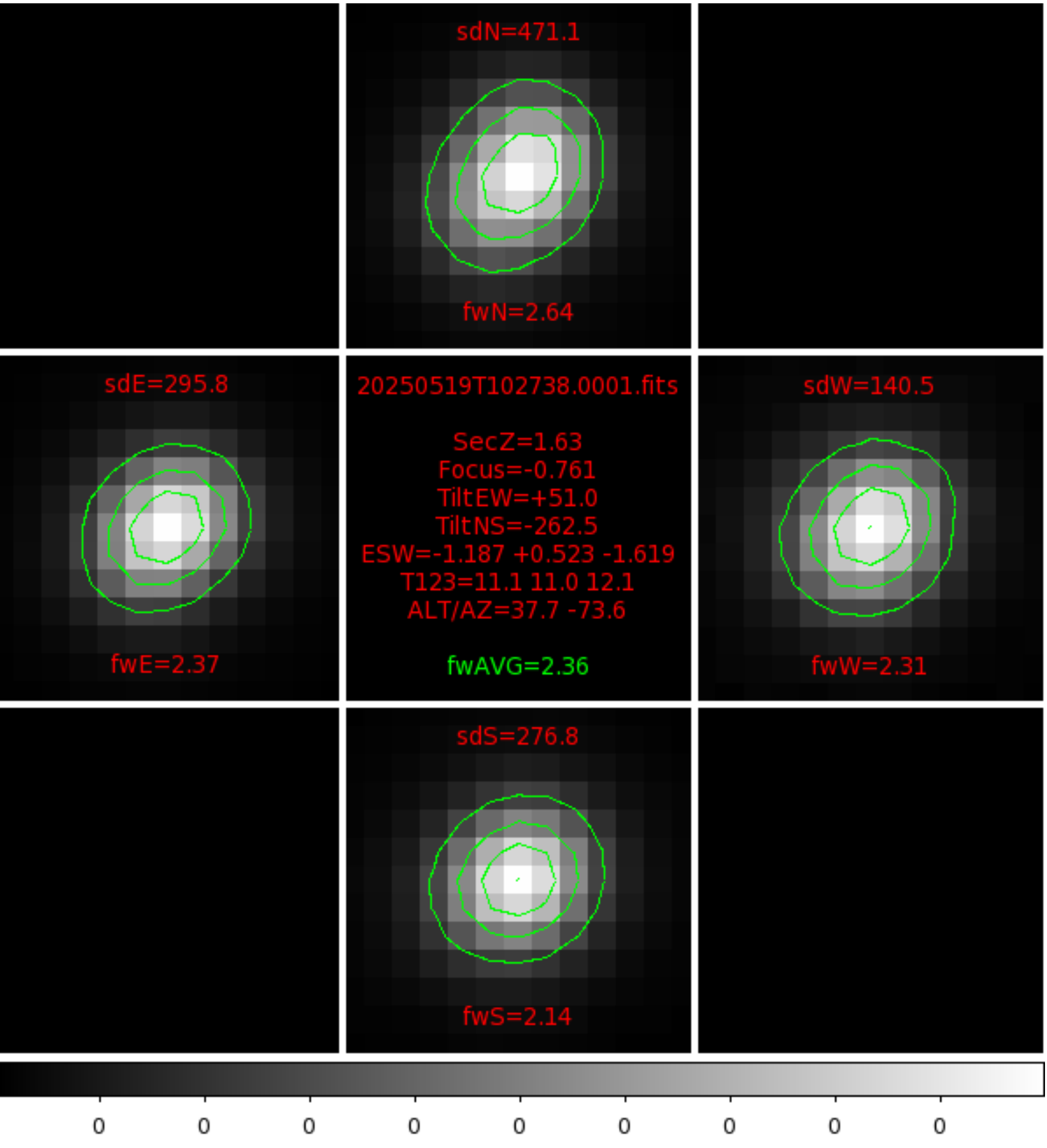
sdN=471.1
fwN=2.64
sdE=295.8
fwE=2.37
20250519T102738.0001.fits
SecZ=1.63
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=37.7 -73.6
fwAVG=2.36
sdW=140.5
fwW=2.31
sdS=276.8
fwS=2.14
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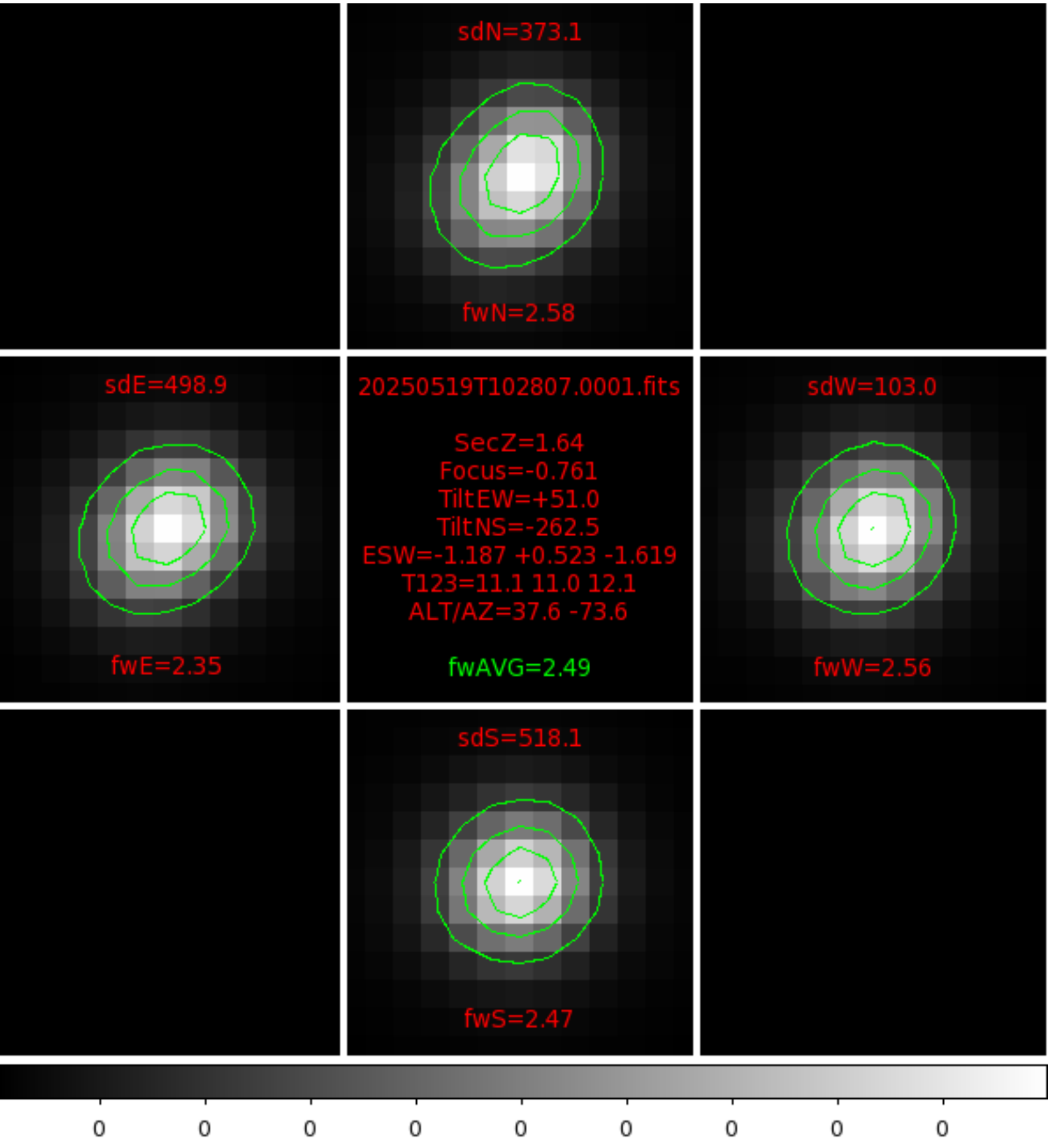
sdN=373.1
fwN=2.58
sdE=498.9
fwE=2.35
20250519T102807.0001.fits
SecZ=1.64
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=37.6 -73.6
fwAVG=2.49
sdW=103.0
fwW=2.56
sdS=518.1
fwS=2.47
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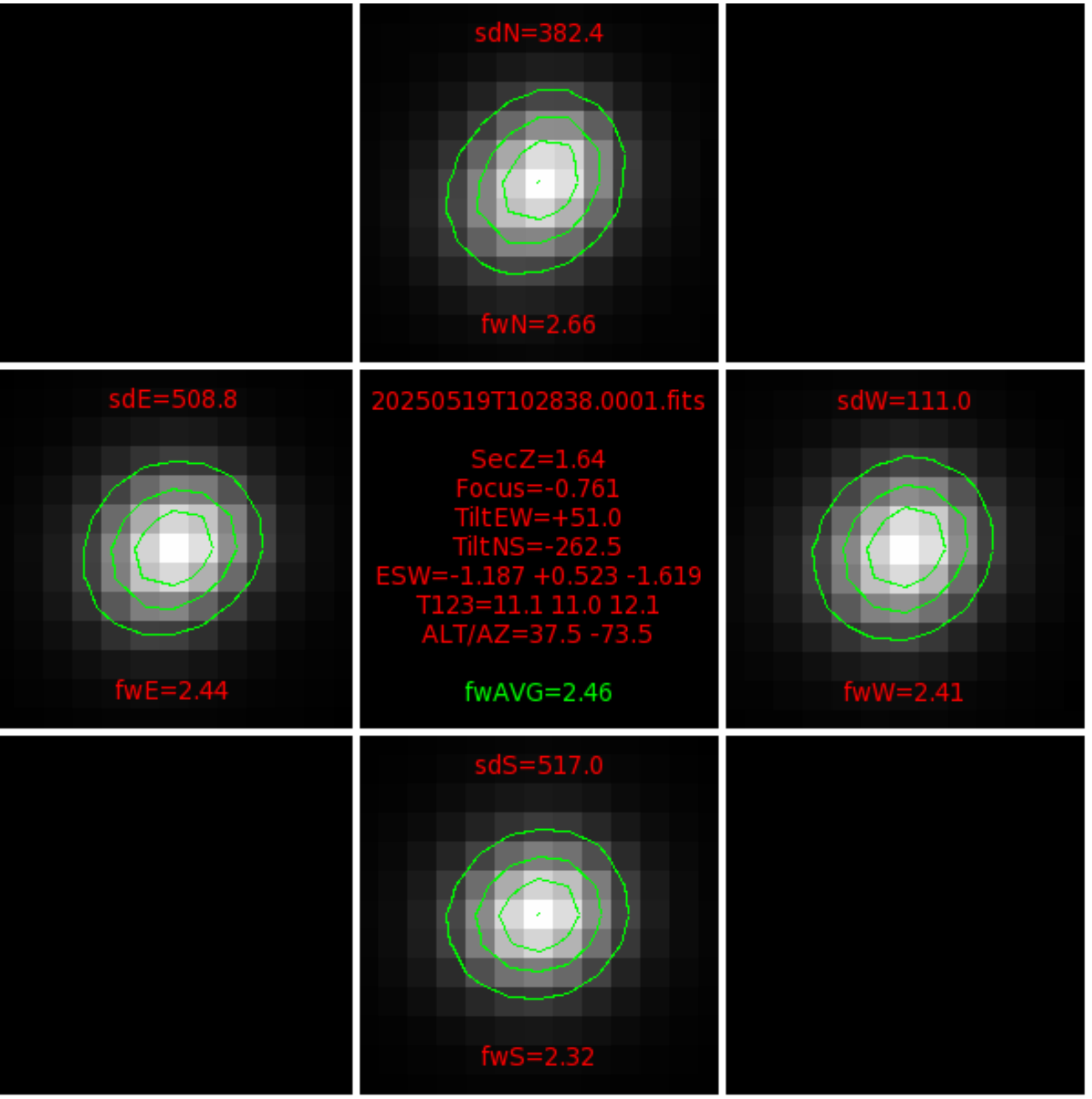
sdN=382.4
fwN=2.66
sdE=508.8
fwE=2.44
20250519T102838.0001.fits
SecZ=1.64
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=37.5 -73.5
fwAVG=2.46
sdW=111.0
fwW=2.41
sdS=517.0
fwS=2.32
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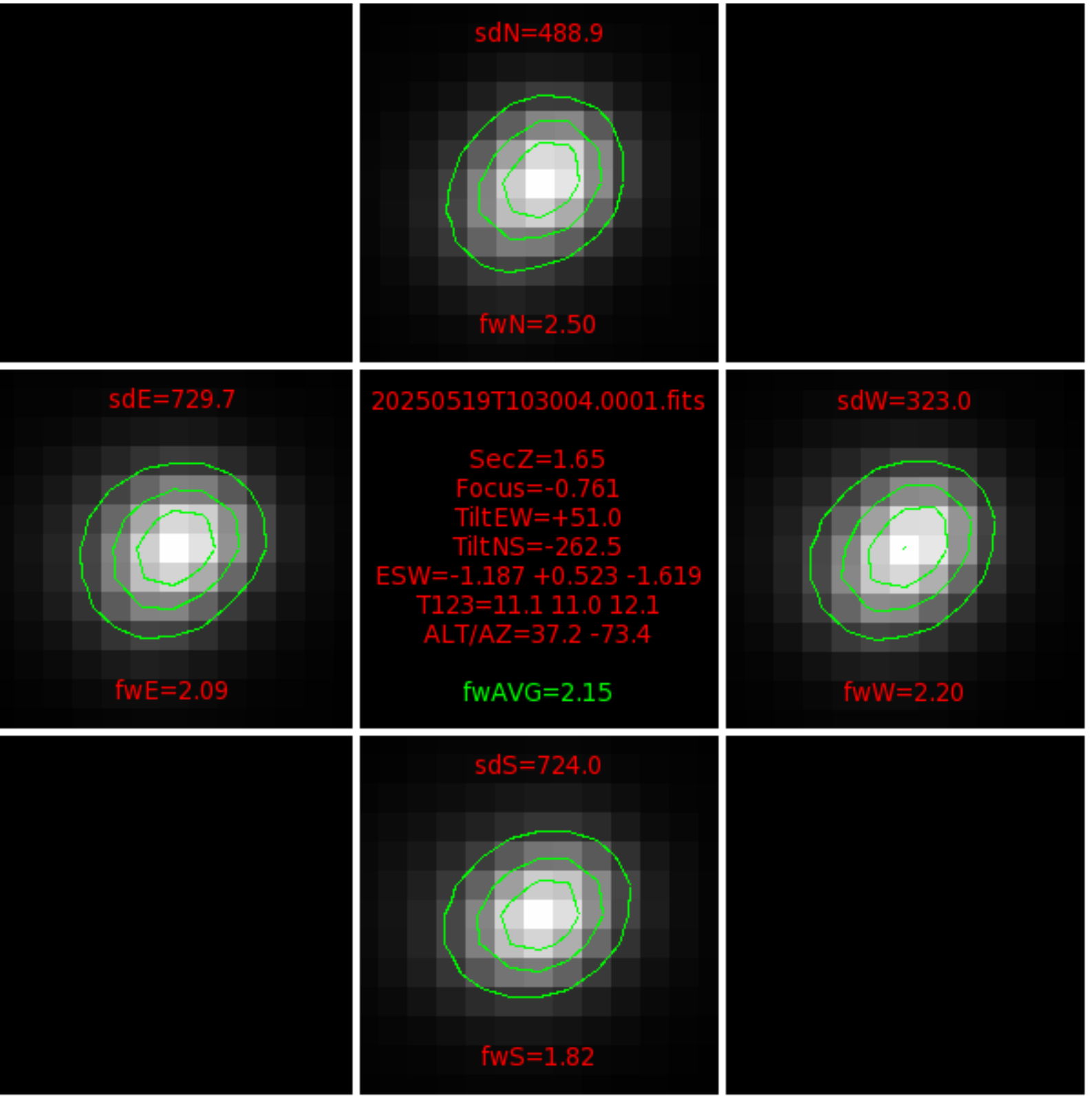
sdN=488.9
fwN=2.50
sdE=729.7
fwE=2.09
20250519T103004.0001.fits
SecZ=1.65
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=37.2 -73.4
fwAVG=2.15
sdW=323.0
fwW=2.20
sdS=724.0
fwS=1.82
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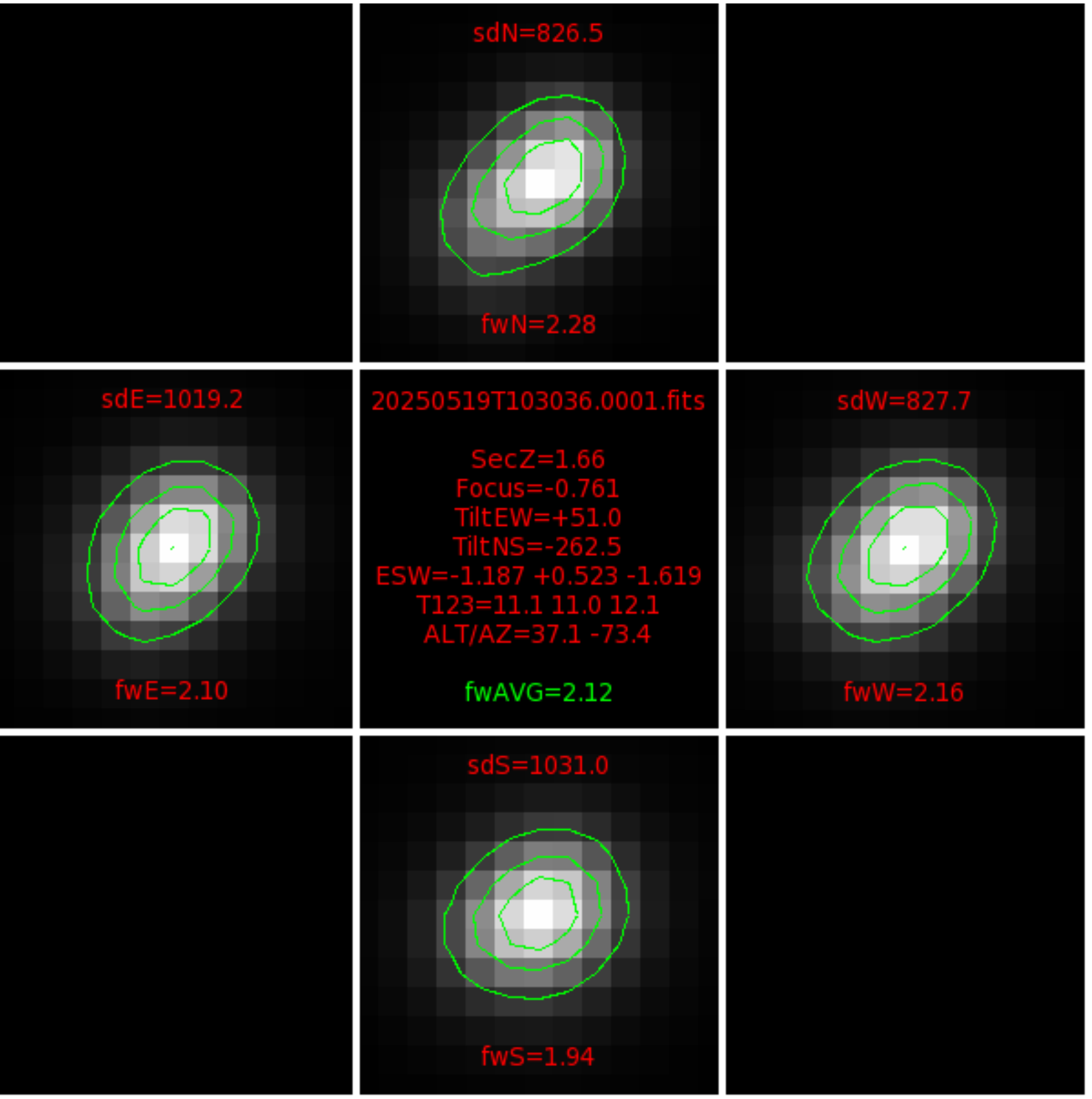
sdN=826.5
fwN=2.28
sdE=1019.2
fwE=2.10
20250519T103036.0001.fits
SecZ=1.66
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=37.1 -73.4
fwAVG=2.12
sdW=827.7
fwW=2.16
sdS=1031.0
fwS=1.94
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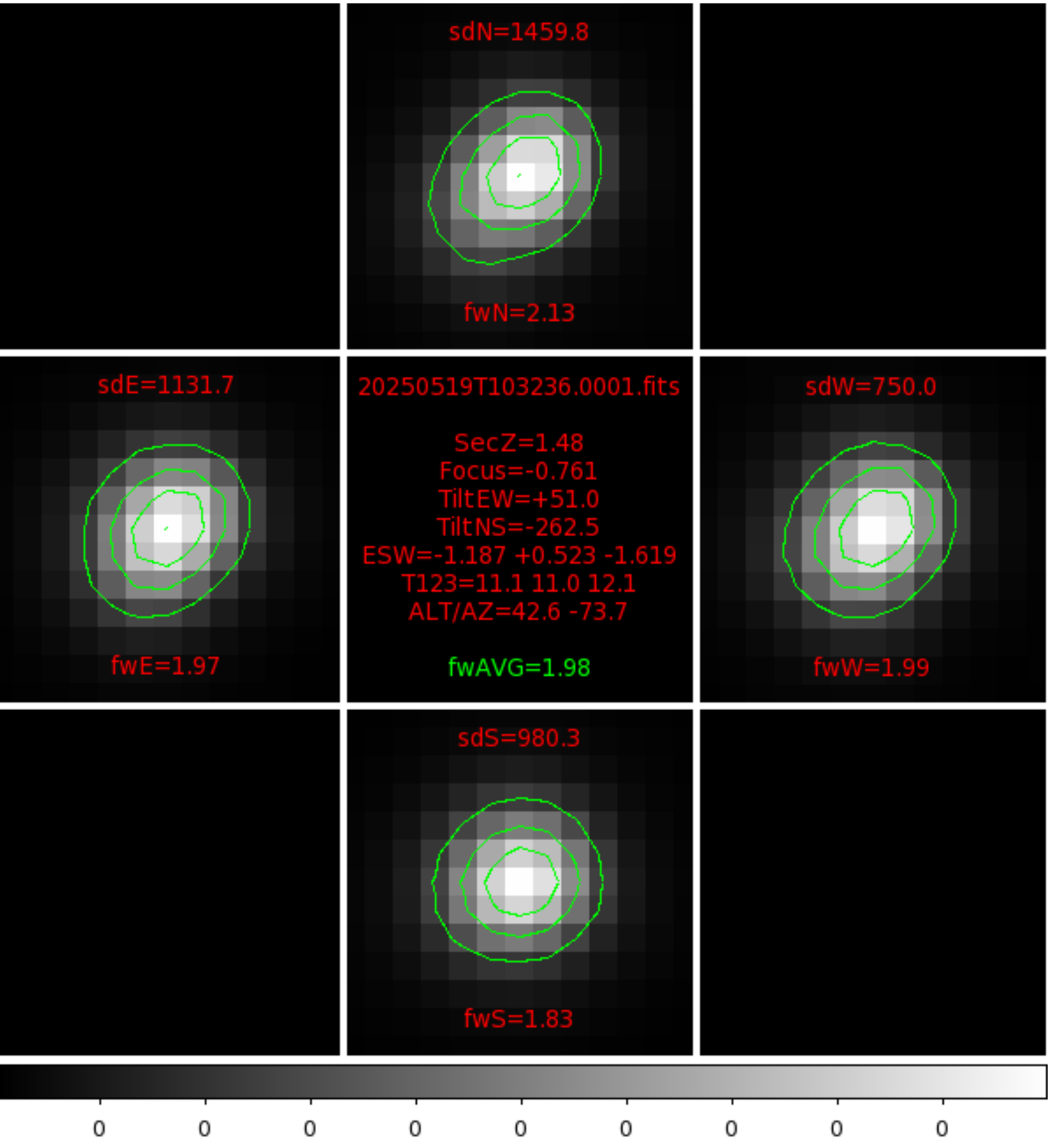
sdN=1459.8
fwN=2.13
sdE=1131.7
fwE=1.97
20250519T103236.0001.fits
SecZ=1.48
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=42.6 -73.7
fwAVG=1.98
sdW=750.0
fwW=1.99
sdS=980.3
fwS=1.83
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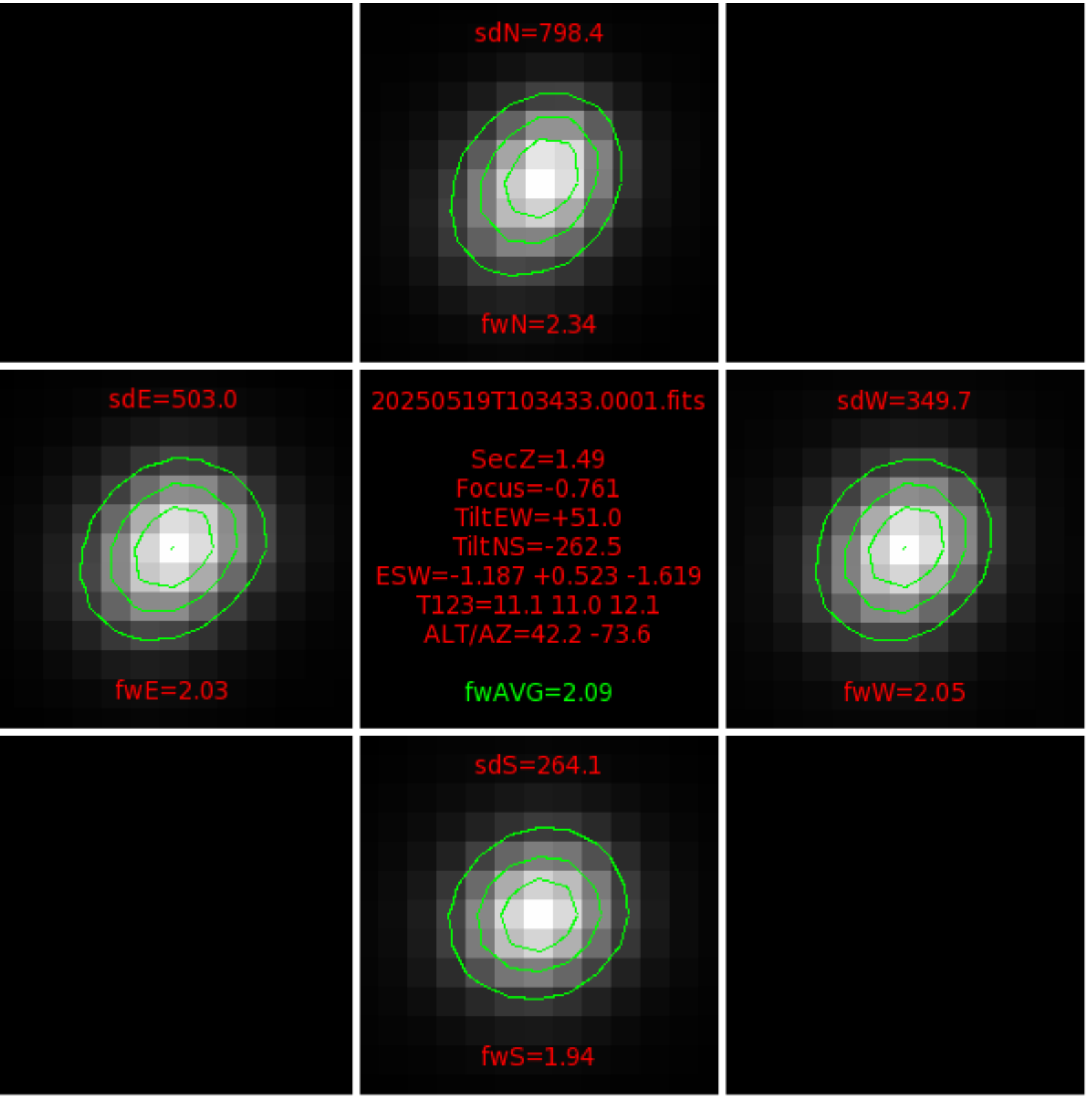
sdN=798.4
fwN=2.34
sdE=503.0
fwE=2.03
20250519T103433.0001.fits
SecZ=1.49
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=42.2 -73.6
fwAVG=2.09
sdW=349.7
fwW=2.05
sdS=264.1
fwS=1.94
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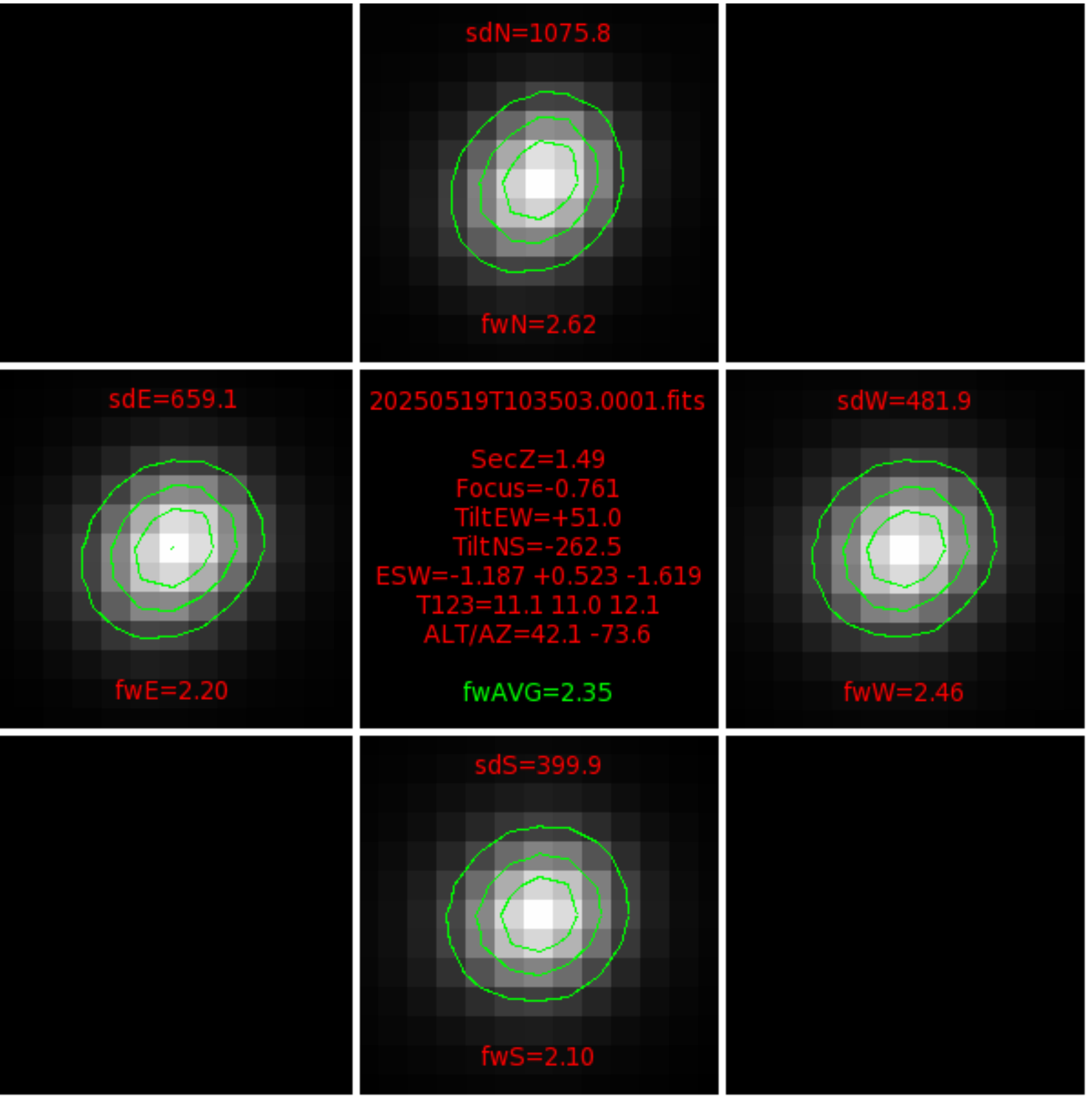
sdN=1075.8
fwN=2.62
sdE=659.1
fwE=2.20
20250519T103503.0001.fits
SecZ=1.49
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=42.1 -73.6
fwAVG=2.35
sdW=481.9
fwW=2.46
sdS=399.9
fwS=2.10
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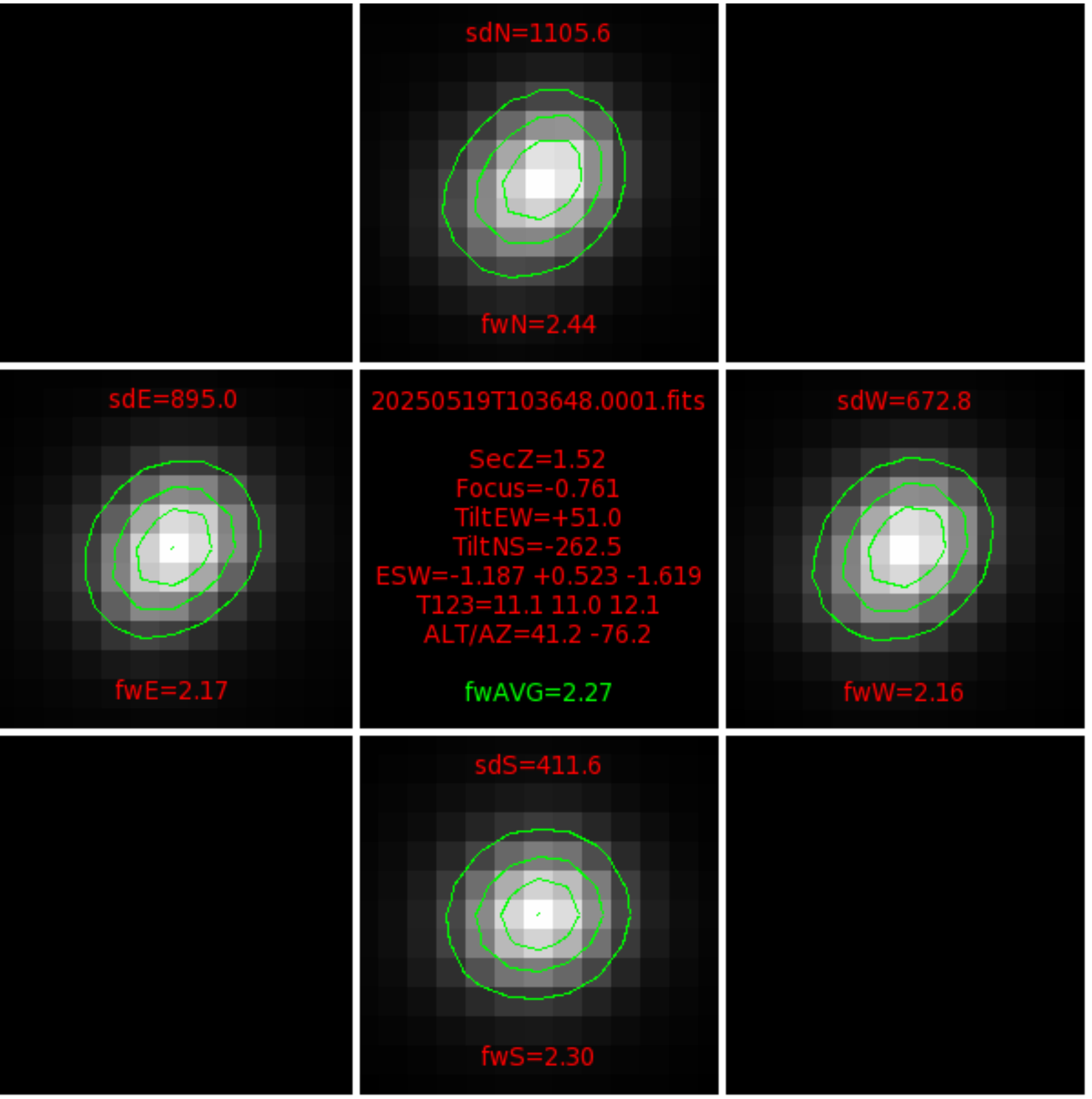
sdN=1105.6
fwN=2.44
sdE=895.0
fwE=2.17
20250519T103648.0001.fits
SecZ=1.52
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=41.2 -76.2
fwAVG=2.27
sdW=672.8
fwW=2.16
sdS=411.6
fwS=2.30
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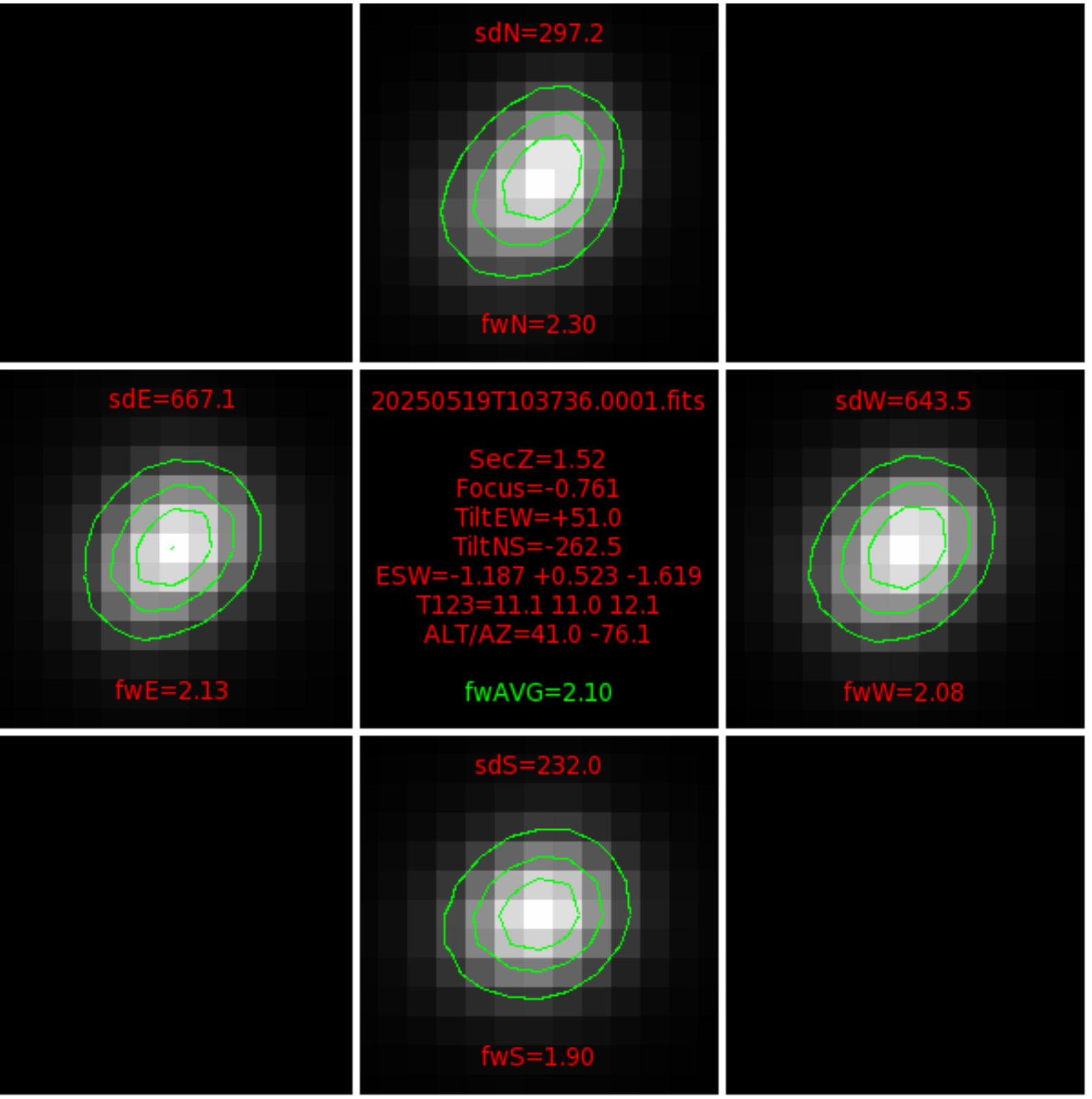
sdN=297.2
fwN=2.30
sdE=667.1
fwE=2.13
20250519T103736.0001.fits
SecZ=1.52
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=41.0 -76.1
fwAVG=2.10
sdW=643.5
fwW=2.08
sdS=232.0
fwS=1.90
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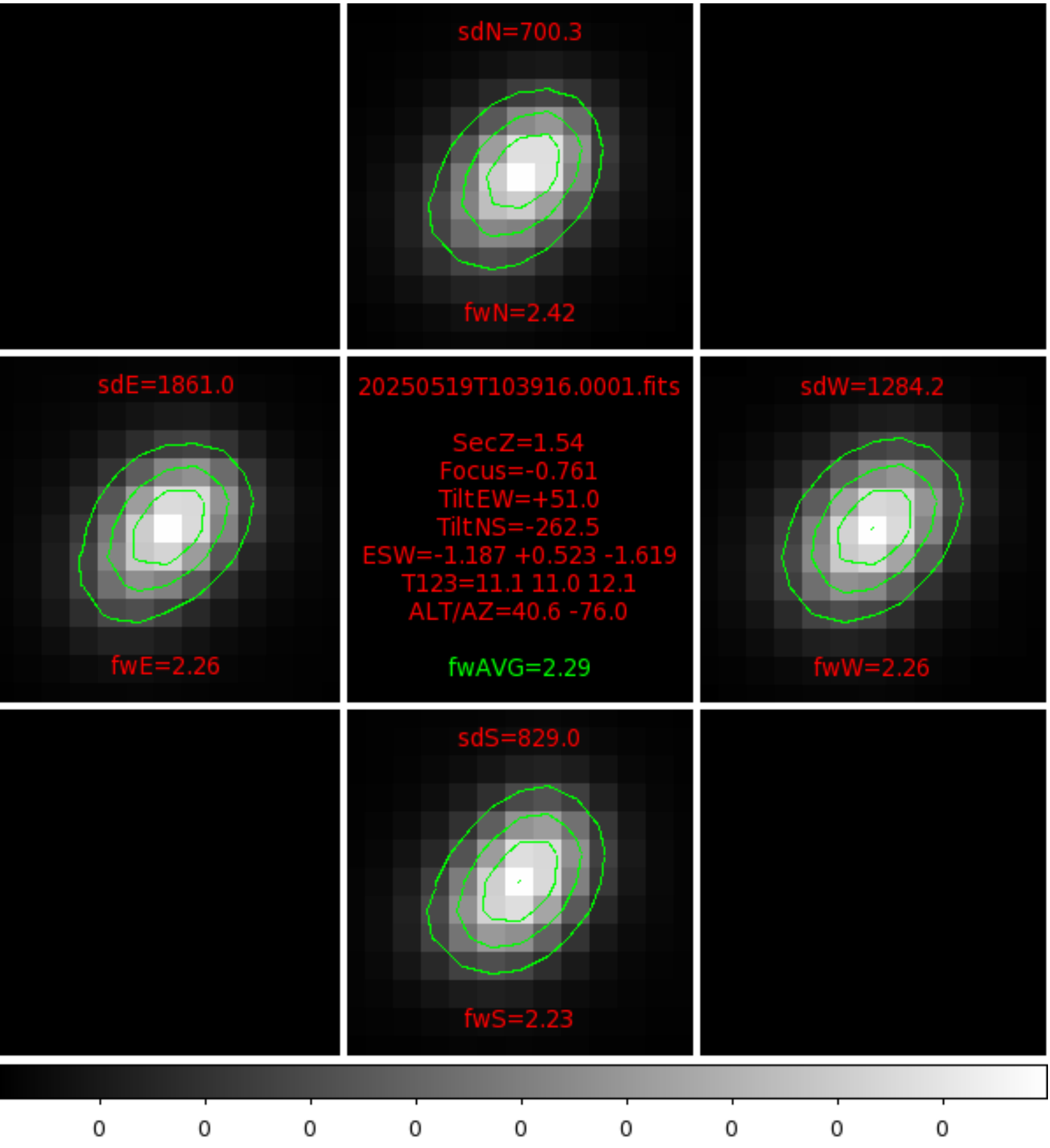
sdN=700.3
fwN=2.42
sdE=1861.0
fwE=2.26
20250519T103916.0001.fits
SecZ=1.54
Focus=-0.761
TiltEW=+51.0
TiltNS=-262.5
ESW=-1.187 +0.523 -1.619
T123=11.1 11.0 12.1
ALT/AZ=40.6 -76.0
fwAVG=2.29
sdW=1284.2
fwW=2.26
sdS=829.0
fwS=2.23
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