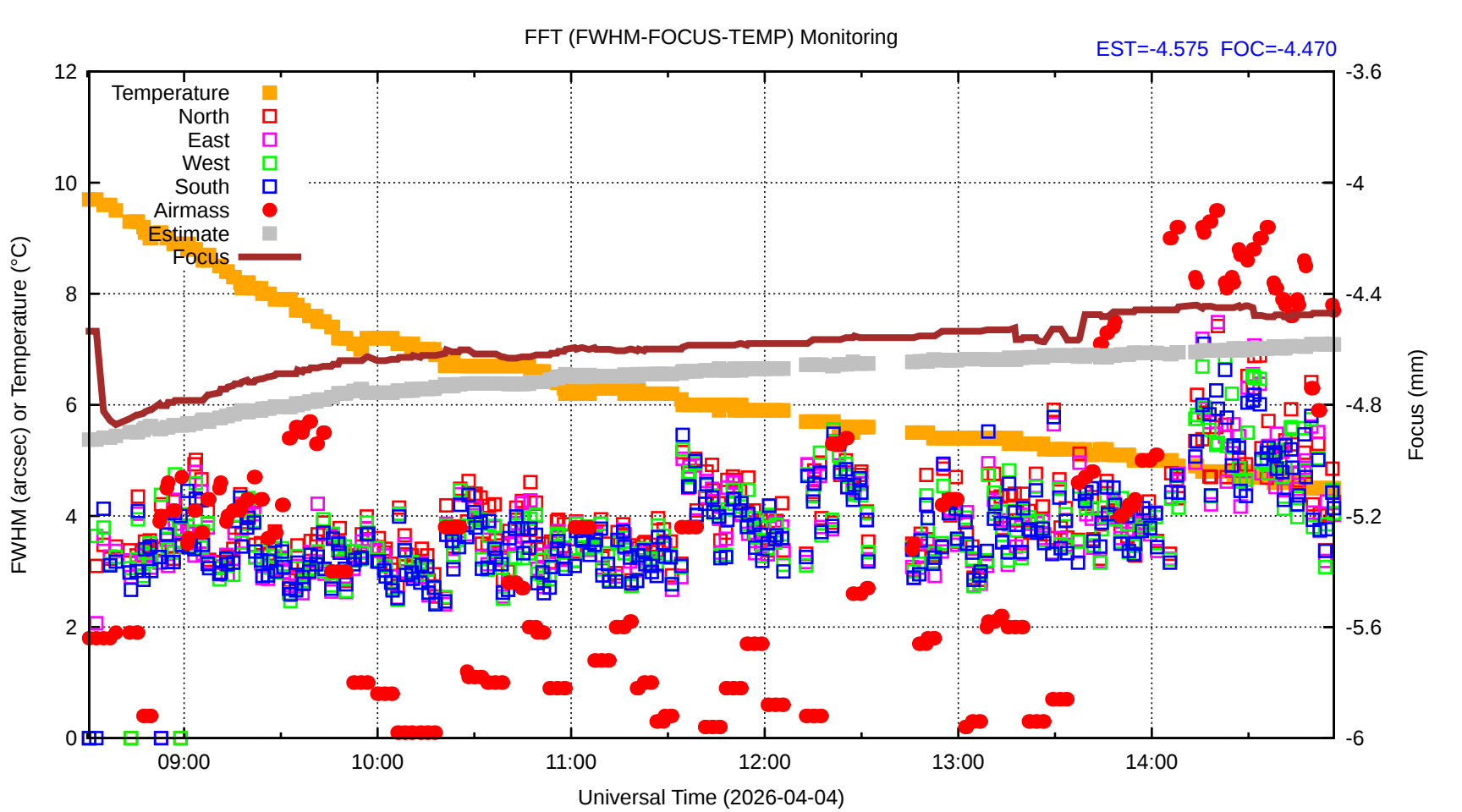
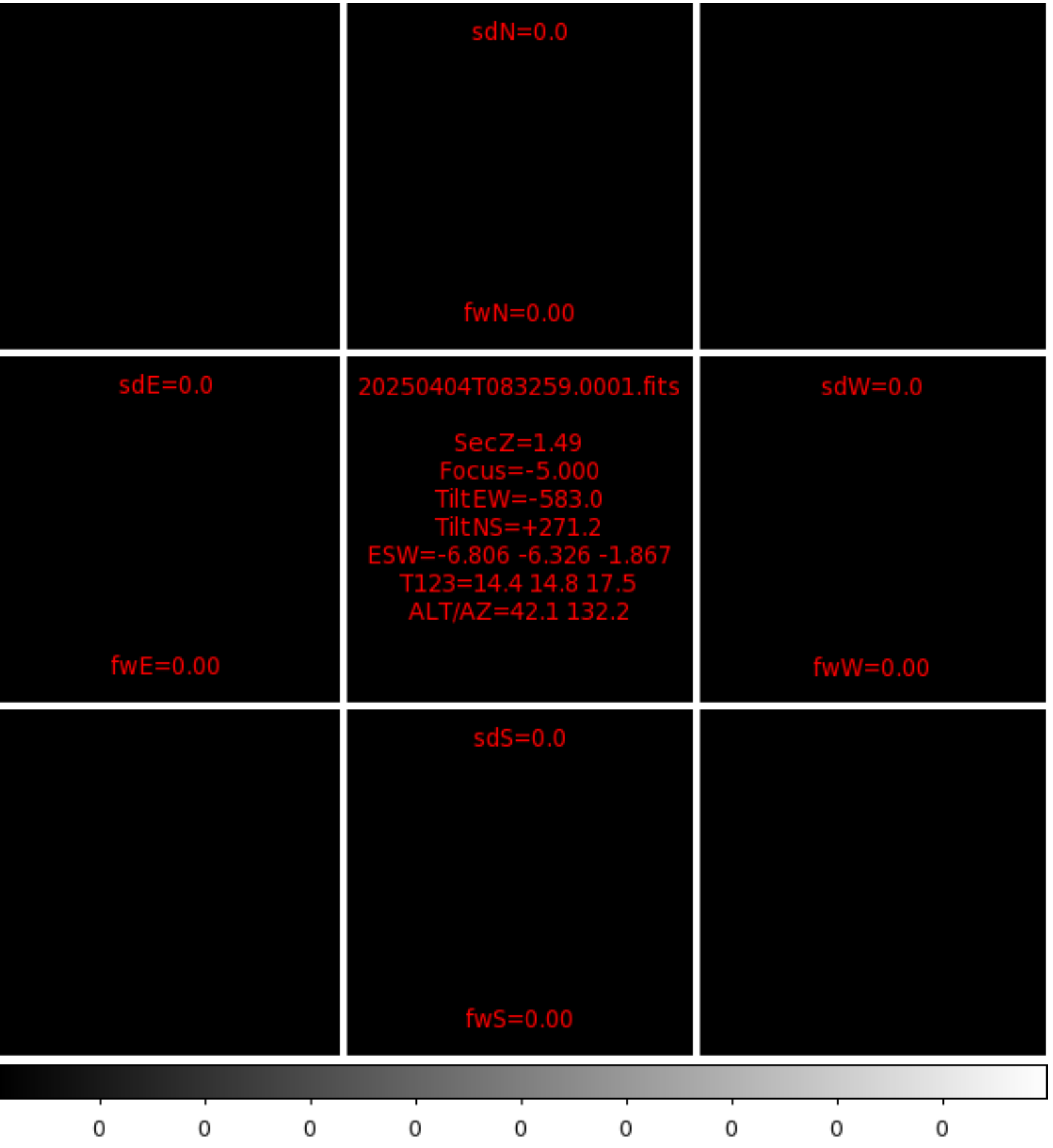
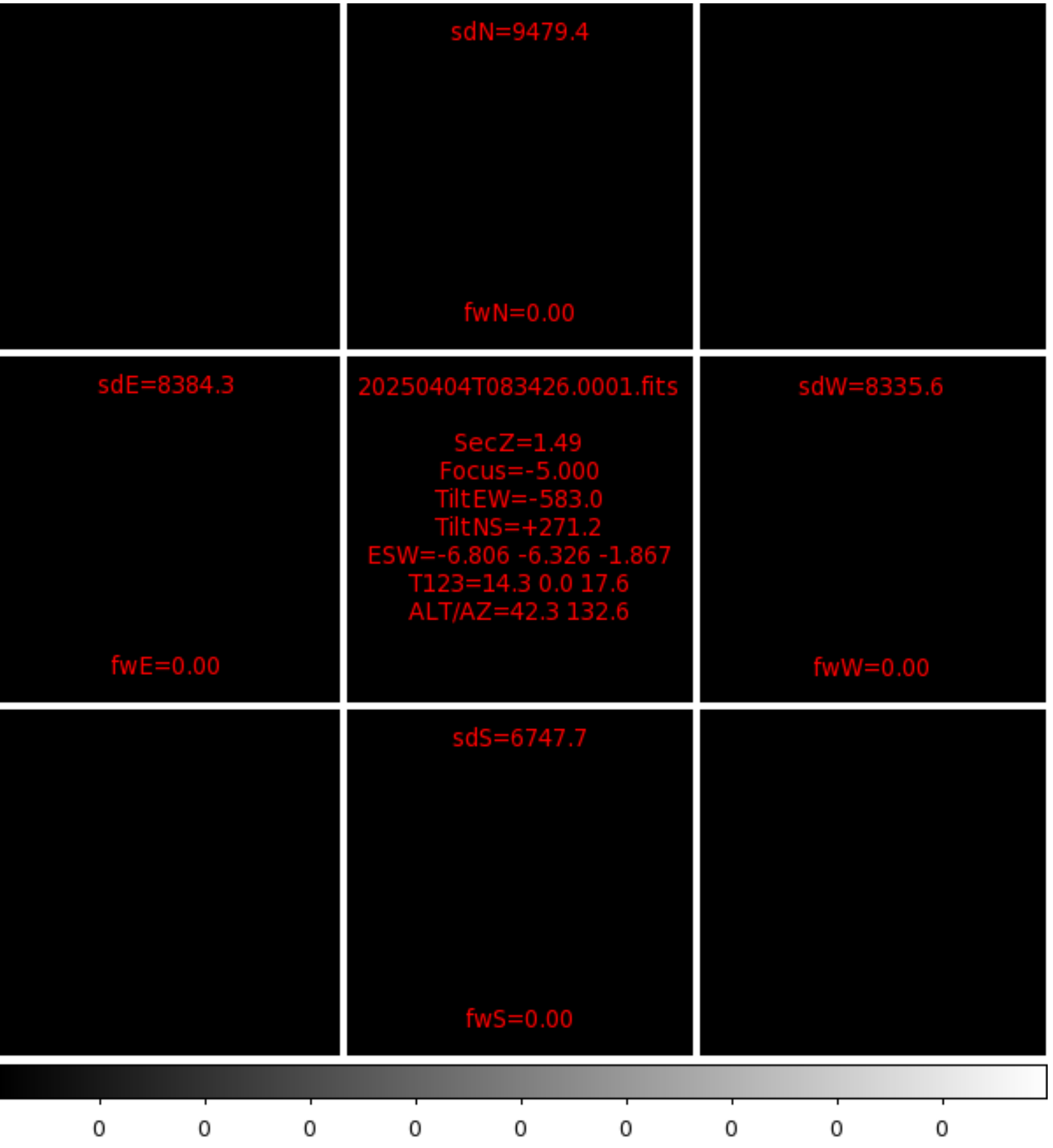
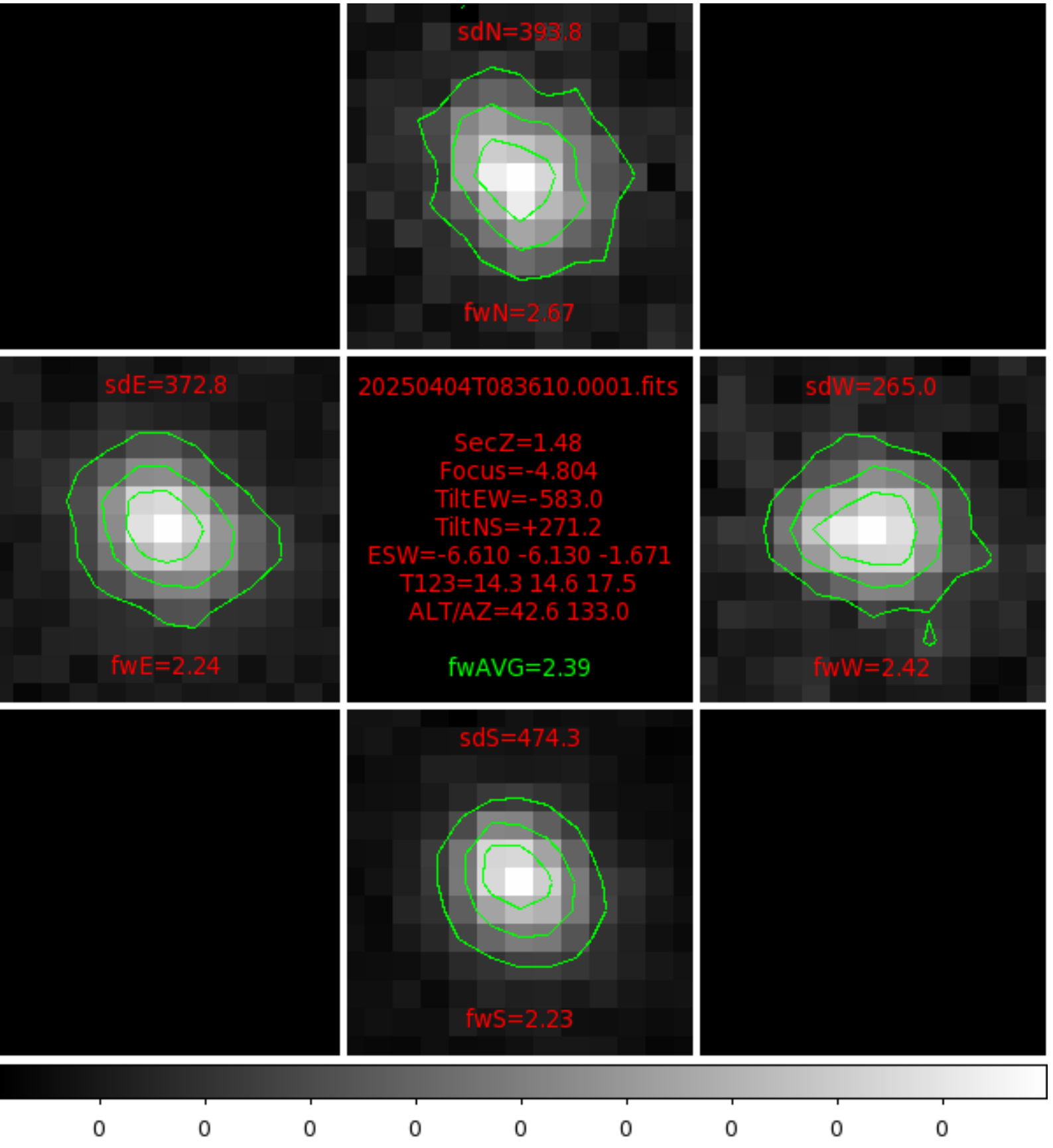
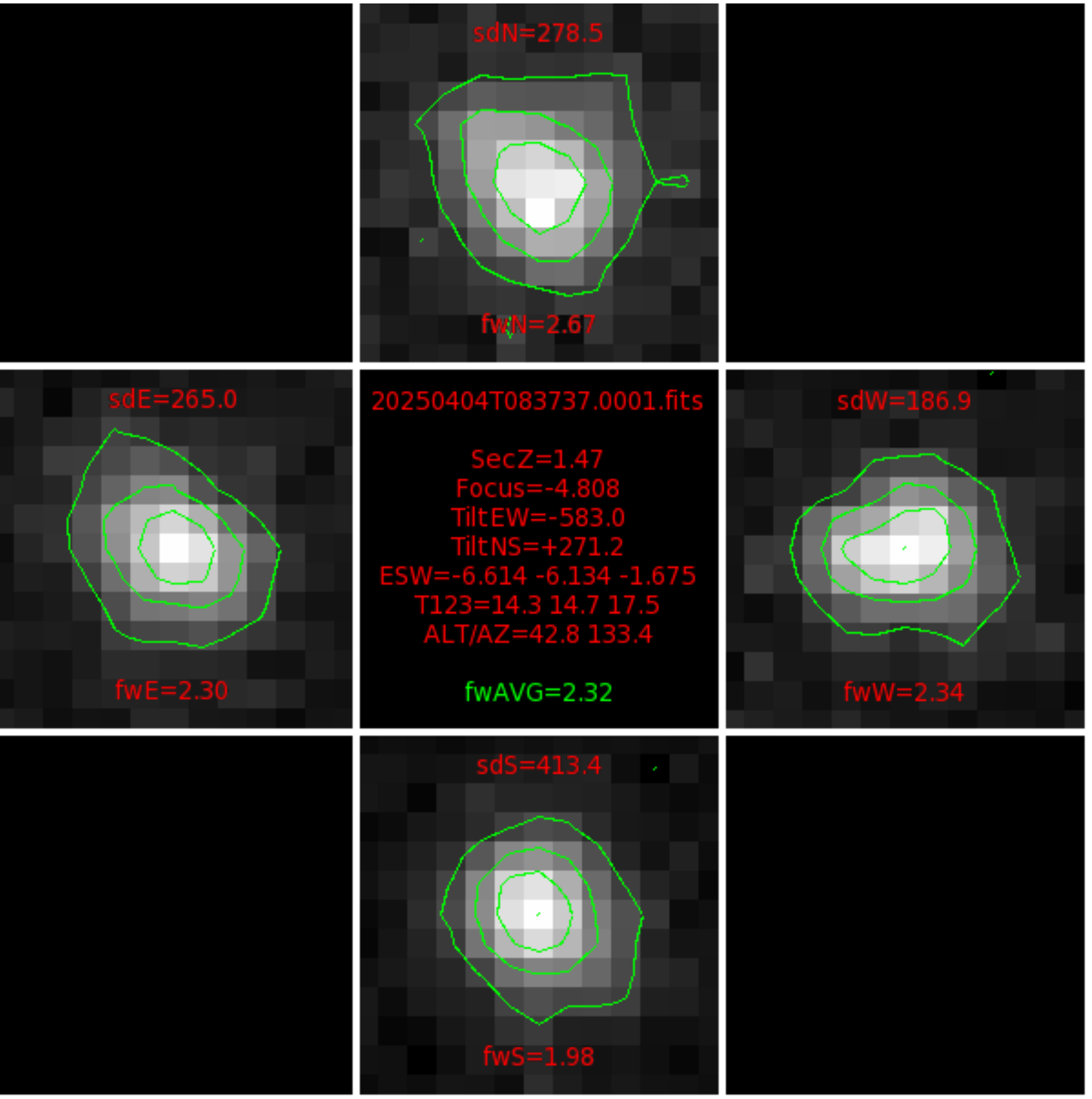

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-4.575 FOC=-4.470
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2026-04-04)
12
10
8
6
4
2
0
-3.6
-4
-4.4
-4.8
-5.2
-5.6
-6
09:00
10:00
11:00
12:00
13:00
14:00


sdN=0.0
fwN=0.00
sdE=0.0
20250404T083259.0001.fits
SecZ=1.49
Focus=-5.000
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.806 -6.326 -1.867
T123=14.4 14.8 17.5
ALT/AZ=42.1 132.2
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=9479.4
fwN=0.00
sdE=8384.3
fwE=0.00
20250404T083426.0001.fits
SecZ=1.49
Focus=-5.000
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.806 -6.326 -1.867
T123=14.3 0.0 17.6
ALT/AZ=42.3 132.6
sdW=8335.6
fwW=0.00
sdS=6747.7
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=393.8
fwN=2.67
sdE=372.8
fwE=2.24
20250404T083610.0001.fits
SecZ=1.48
Focus=-4.804
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.610 -6.130 -1.671
T123=14.3 14.6 17.5
ALT/AZ=42.6 133.0
fwAVG=2.39
sdW=265.0
fwW=2.42
sdS=474.3
fwS=2.23
0 0 0 0 0 0 0 0 0


sdN=278.5
fwN=2.67
sdE=265.0
fwE=2.30
20250404T083737.0001.fits
SecZ=1.47
Focus=-4.808
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.614 -6.134 -1.675
T123=14.3 14.7 17.5
ALT/AZ=42.8 133.4
fwAVG=2.32
sdW=186.9
fwW=2.34
sdS=413.4
fwS=1.98
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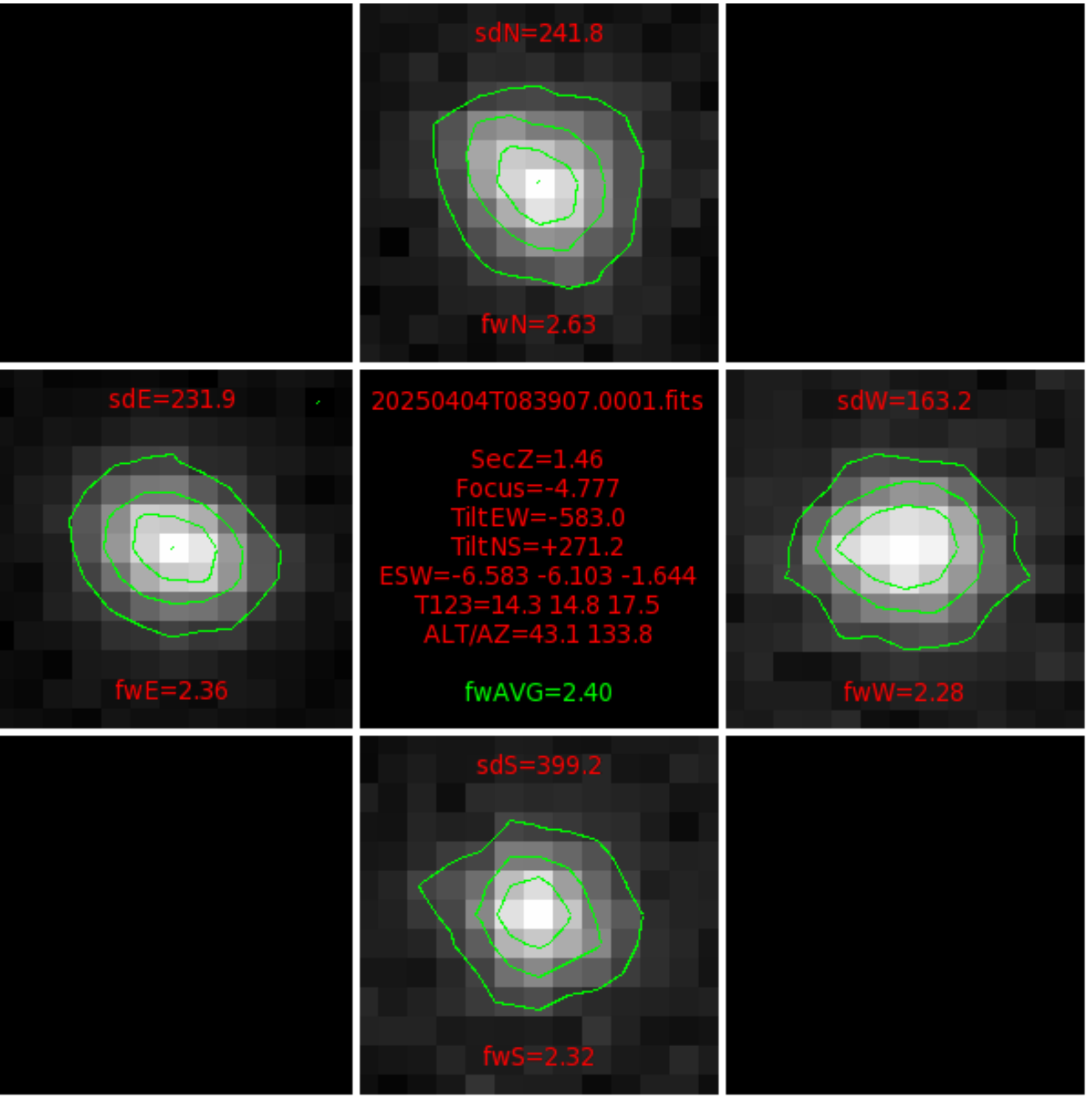
sdN=241.8
fwN=2.63
sdE=231.9
fwE=2.36
20250404T083907.0001.fits
SecZ=1.46
Focus=-4.777
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.583 -6.103 -1.644
T123=14.3 14.8 17.5
ALT/AZ=43.1 133.8
fwAVG=2.40
sdW=163.2
fwW=2.28
sdS=399.2
fwS=2.32
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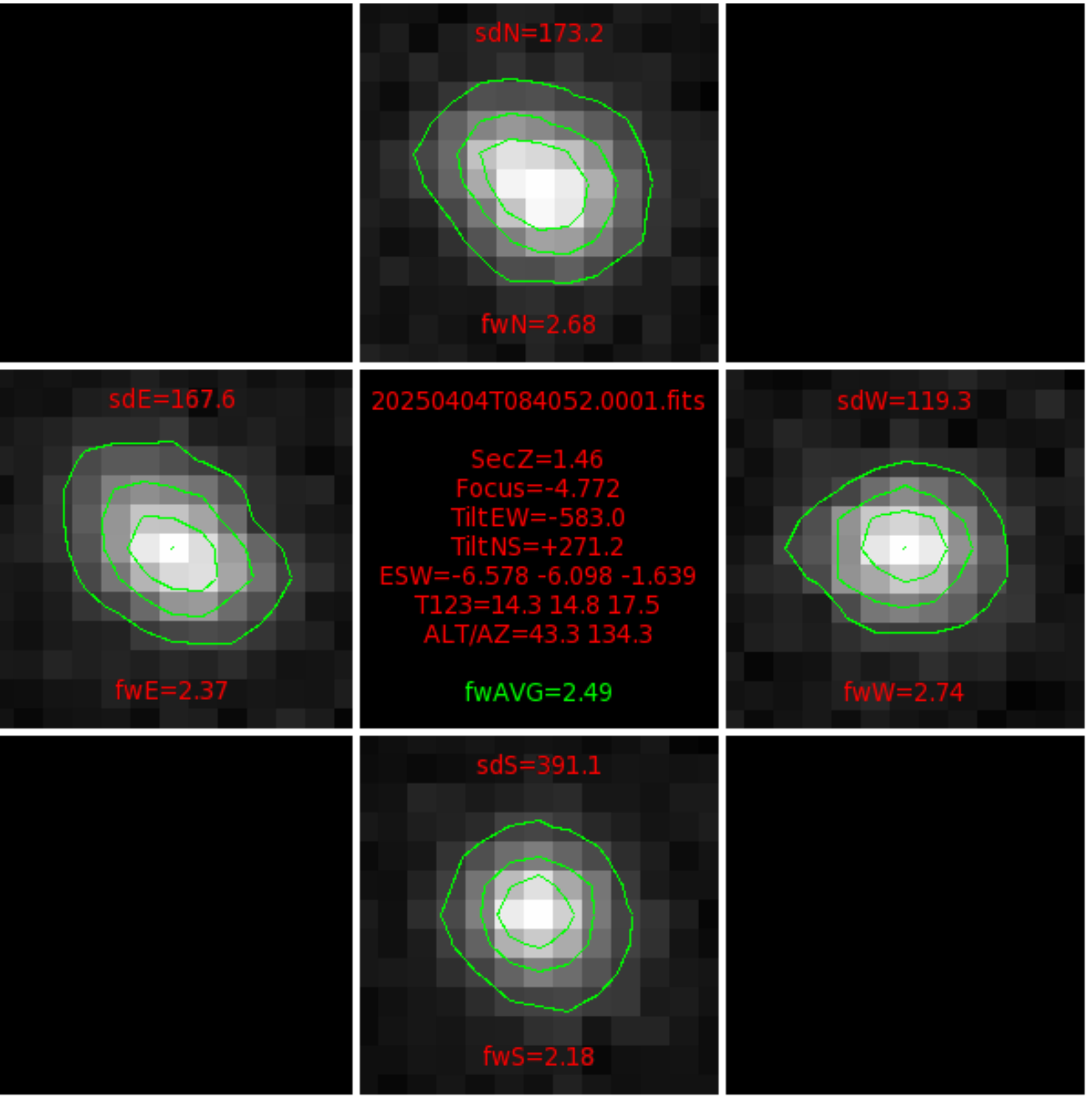
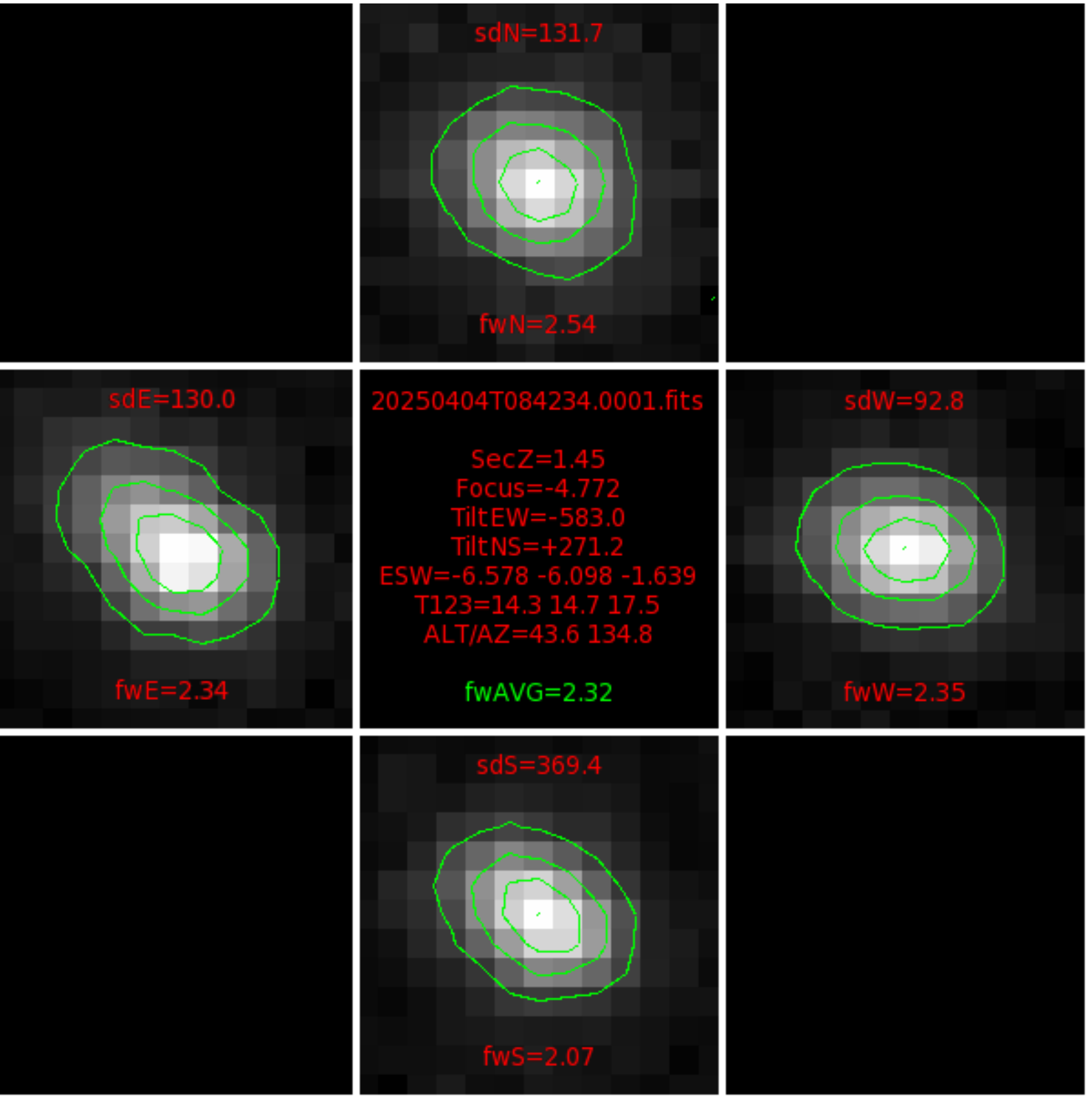

sdN=173.2
fwN=2.68
sdE=167.6
fwE=2.37
20250404T084052.0001.fits
SecZ=1.46
Focus=-4.772
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.578 -6.098 -1.639
T123=14.3 14.8 17.5
ALT/AZ=43.3 134.3
fwAVG=2.49
sdW=119.3
fwW=2.74
sdS=391.1
fwS=2.18
0 0 0 0 0 0 0 0 0


sdN=131.7
fwN=2.54
sdE=130.0
fwE=2.34
20250404T084234.0001.fits
SecZ=1.45
Focus=-4.772
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.578 -6.098 -1.639
T123=14.3 14.7 17.5
ALT/AZ=43.6 134.8
fwAVG=2.32
sdW=92.8
fwW=2.35
sdS=369.4
fwS=2.07
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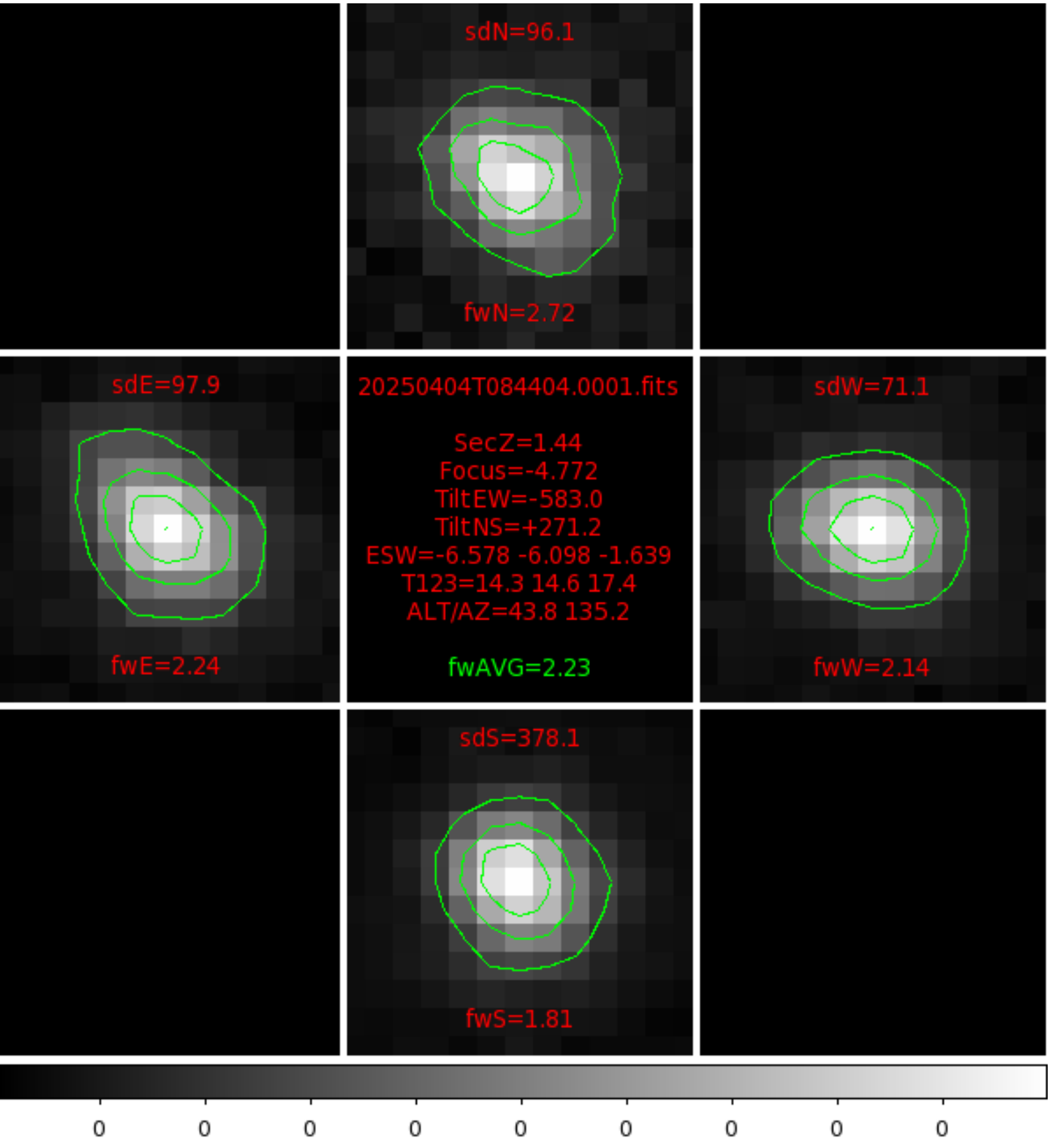
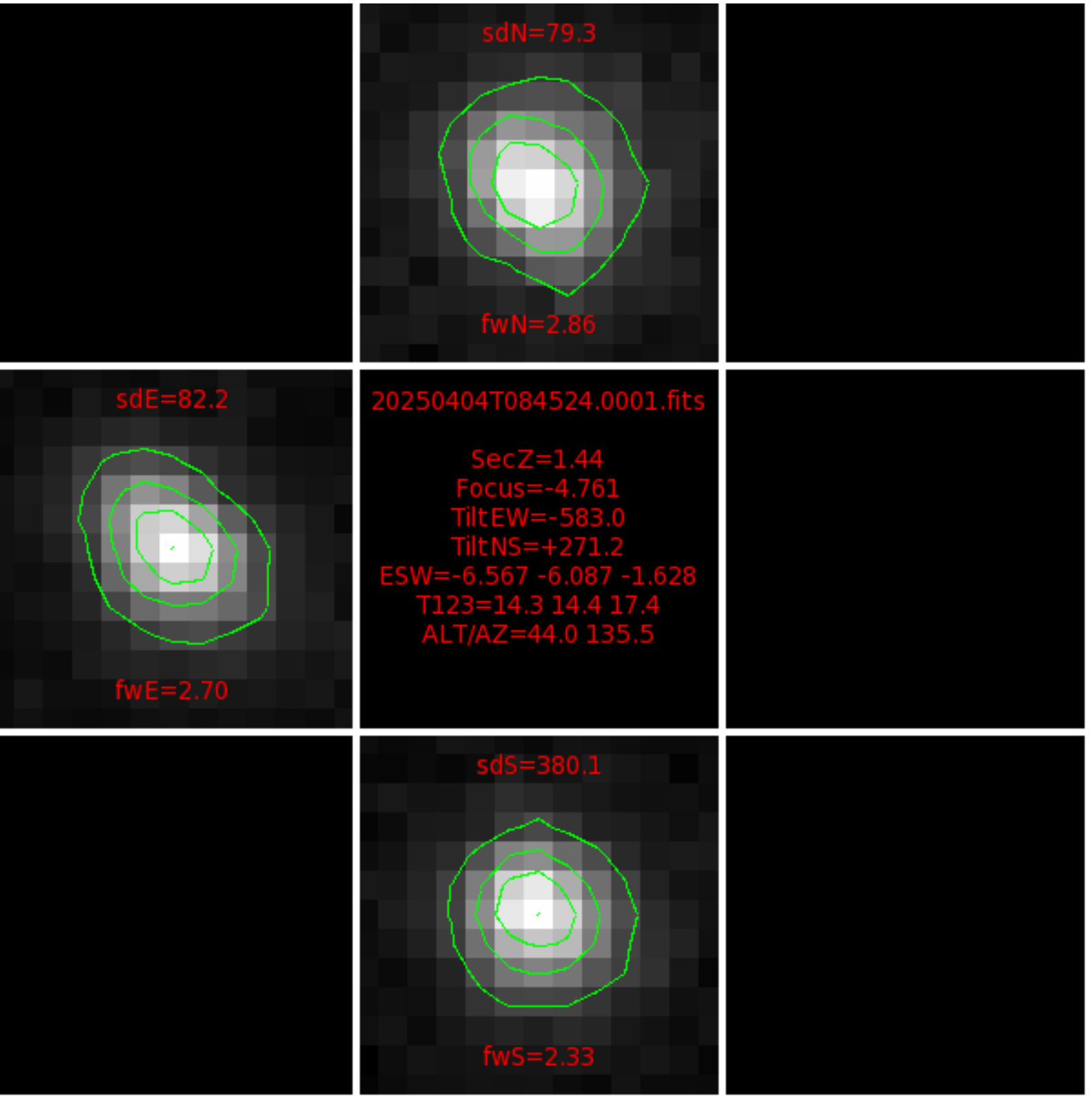

sdN=96.1
fwN=2.72
sdE=97.9
fwE=2.24
20250404T084404.0001.fits
SecZ=1.44
Focus=-4.772
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.578 -6.098 -1.639
T123=14.3 14.6 17.4
ALT/AZ=43.8 135.2
fwAVG=2.23
sdW=71.1
fwW=2.14
sdS=378.1
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=79.3
fwN=2.86
sdE=82.2
fwE=2.70
20250404T084524.0001.fits
SecZ=1.44
Focus=-4.761
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.567 -6.087 -1.628
T123=14.3 14.4 17.4
ALT/AZ=44.0 135.5
sdS=380.1
fwS=2.33
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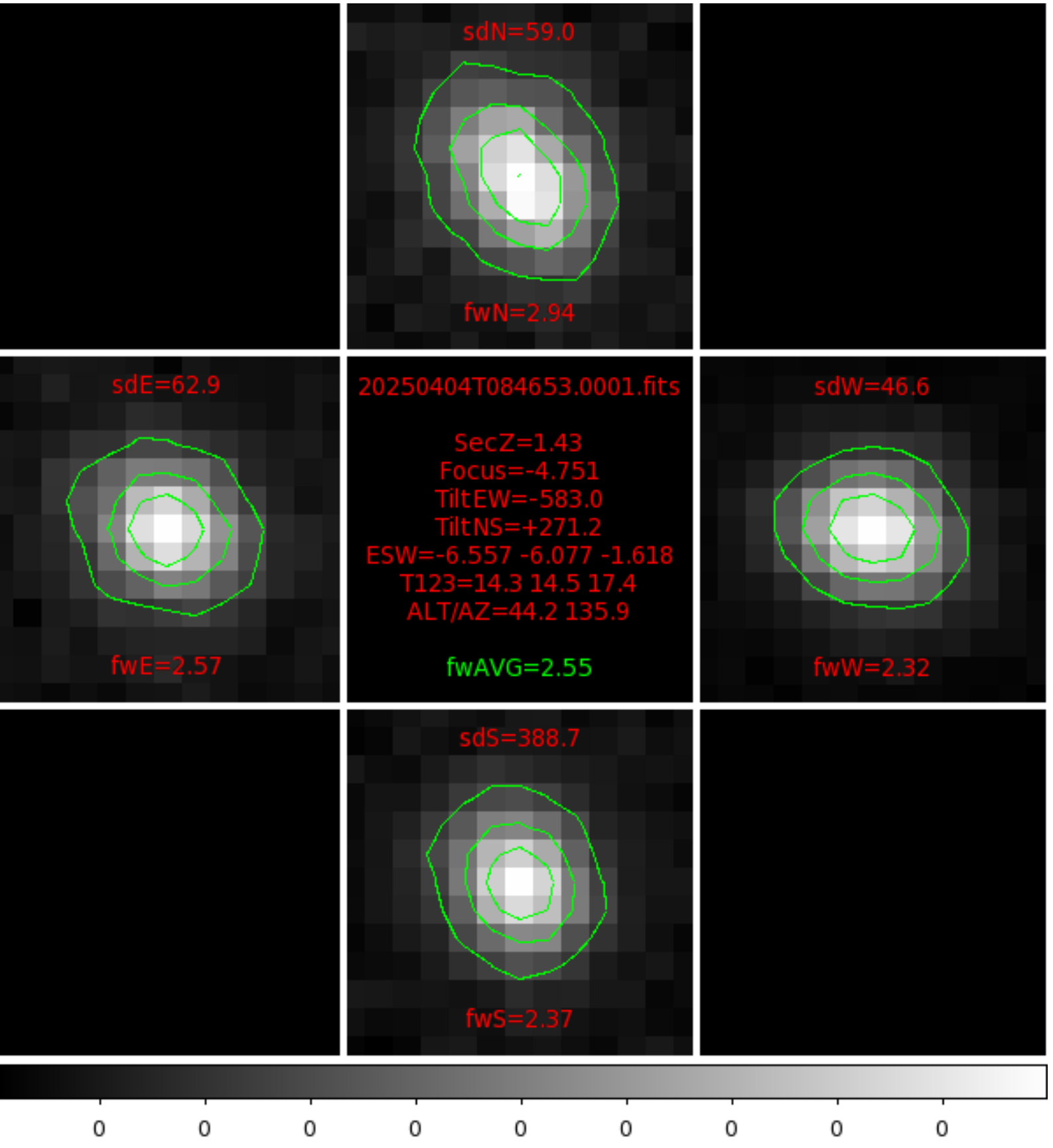
sdN=59.0
fwN=2.94
sdE=62.9
fwE=2.57
20250404T084653.0001.fits
SecZ=1.43
Focus=-4.751
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.557 -6.077 -1.618
T123=14.3 14.5 17.4
ALT/AZ=44.2 135.9
fwAVG=2.55
sdW=46.6
fwW=2.32
sdS=388.7
fwS=2.37
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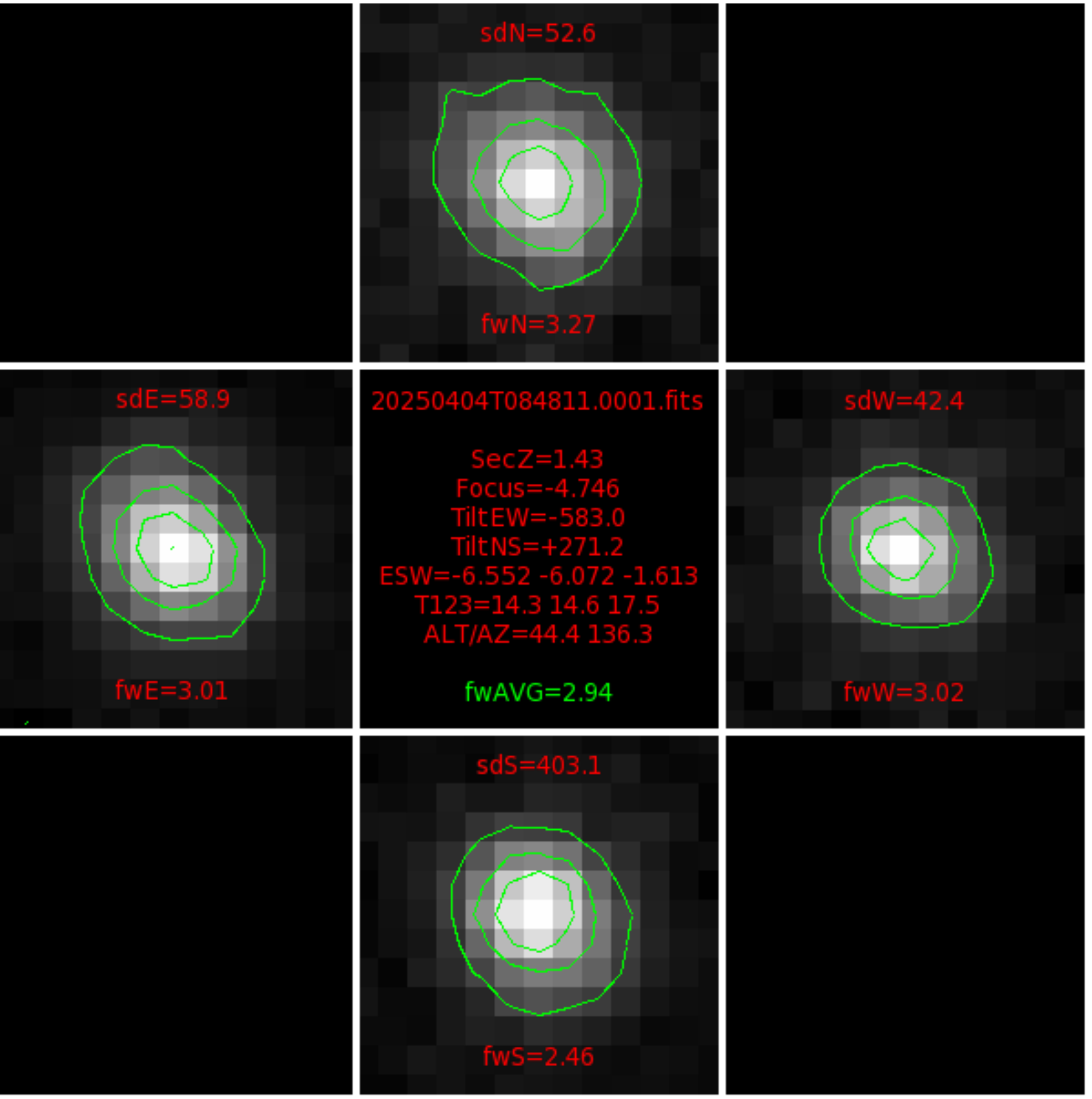
sdN=52.6
fwN=3.27
sdE=58.9
fwE=3.01
20250404T084811.0001.fits
SecZ=1.43
Focus=-4.746
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.552 -6.072 -1.613
T123=14.3 14.6 17.5
ALT/AZ=44.4 136.3
fwAVG=2.94
sdW=42.4
fwW=3.02
sdS=403.1
fwS=2.46
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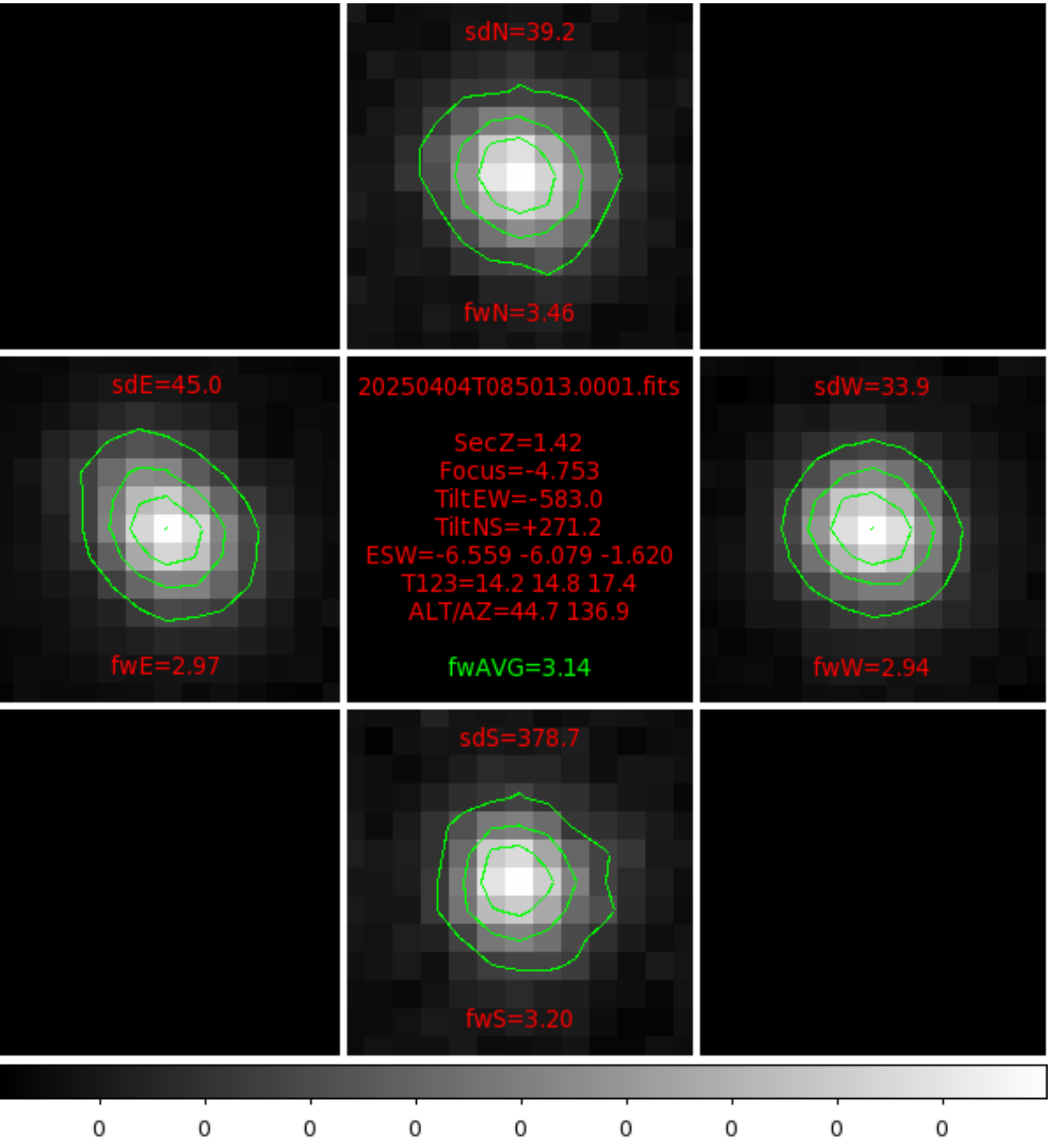
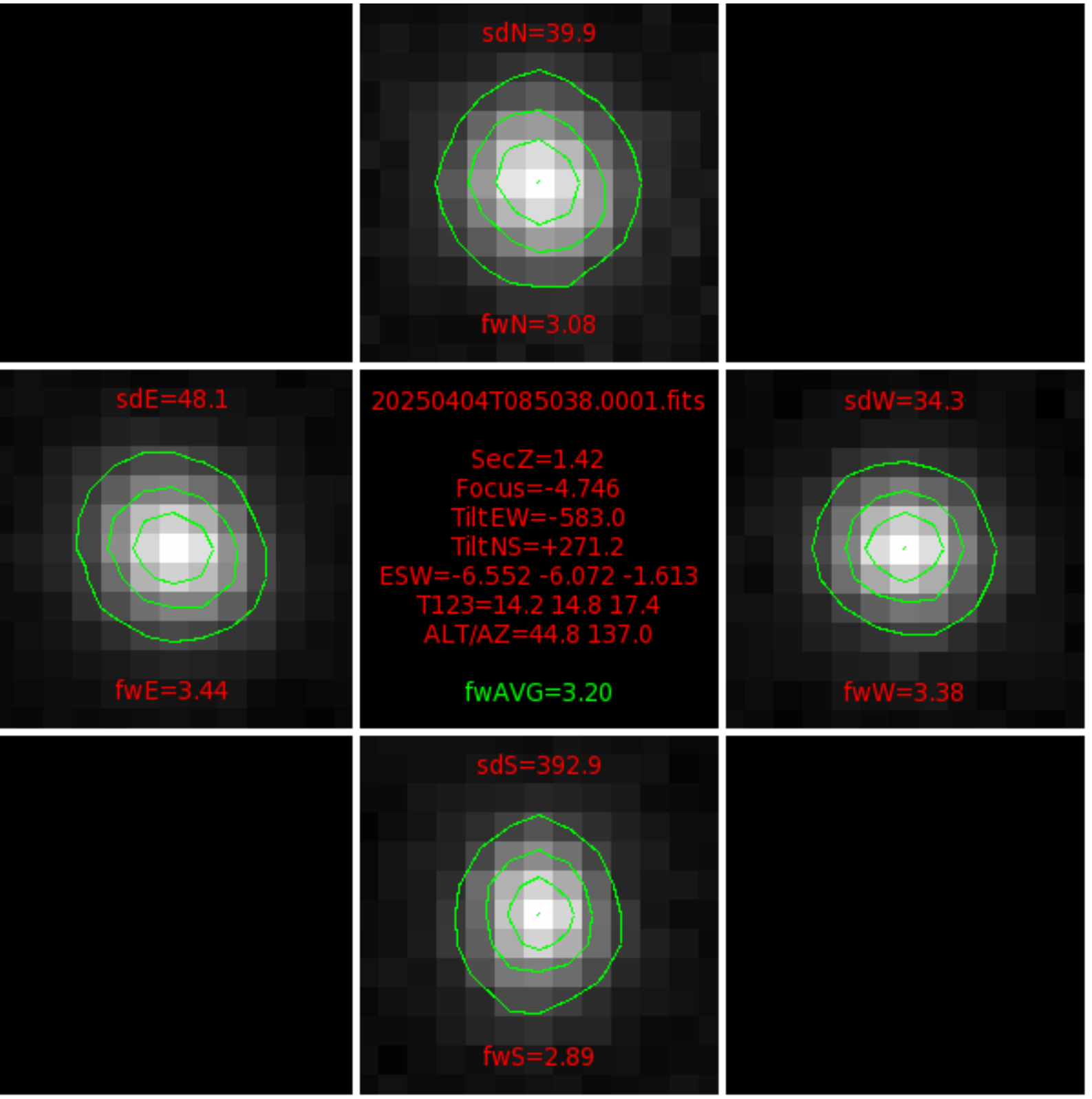
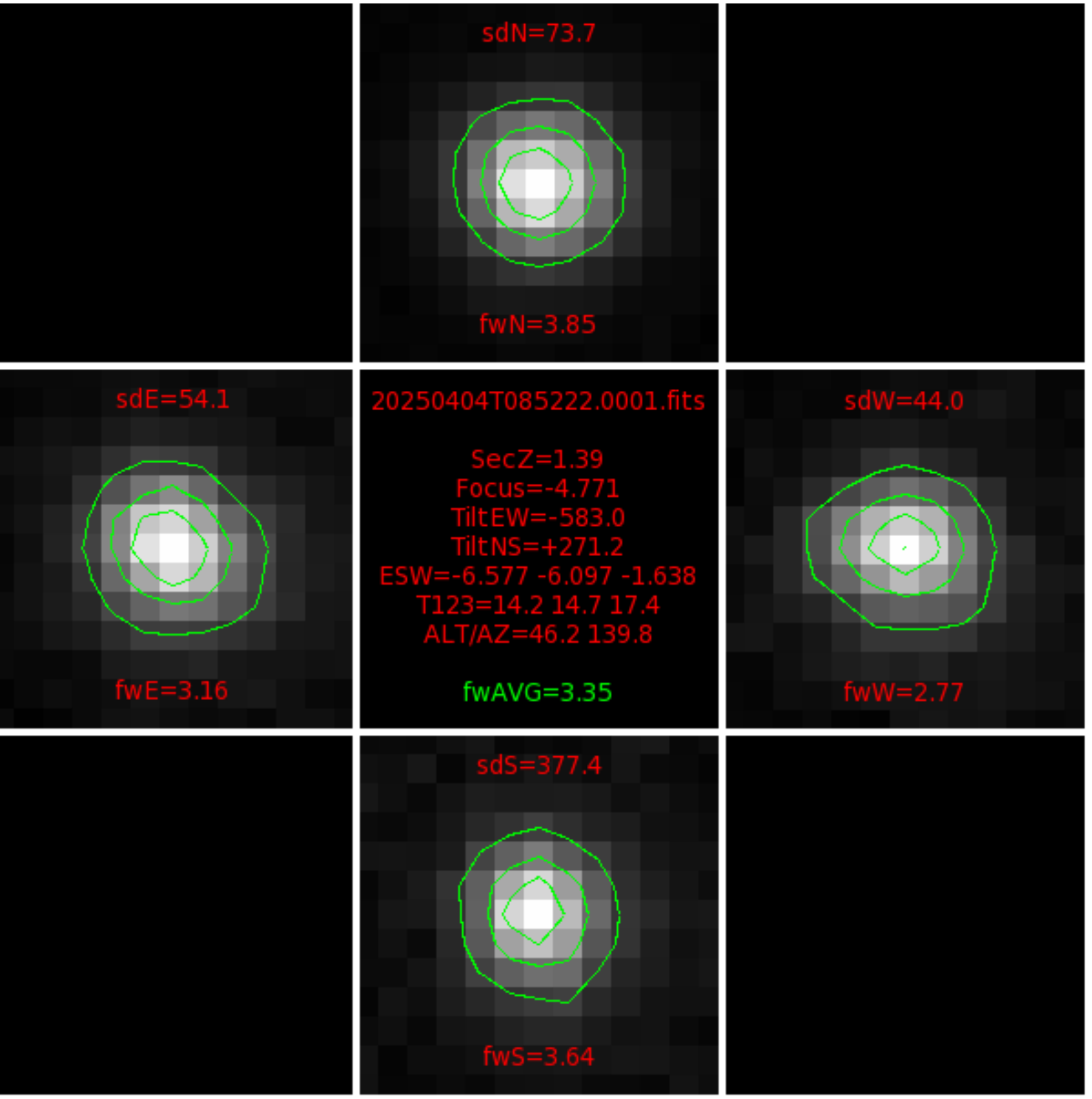
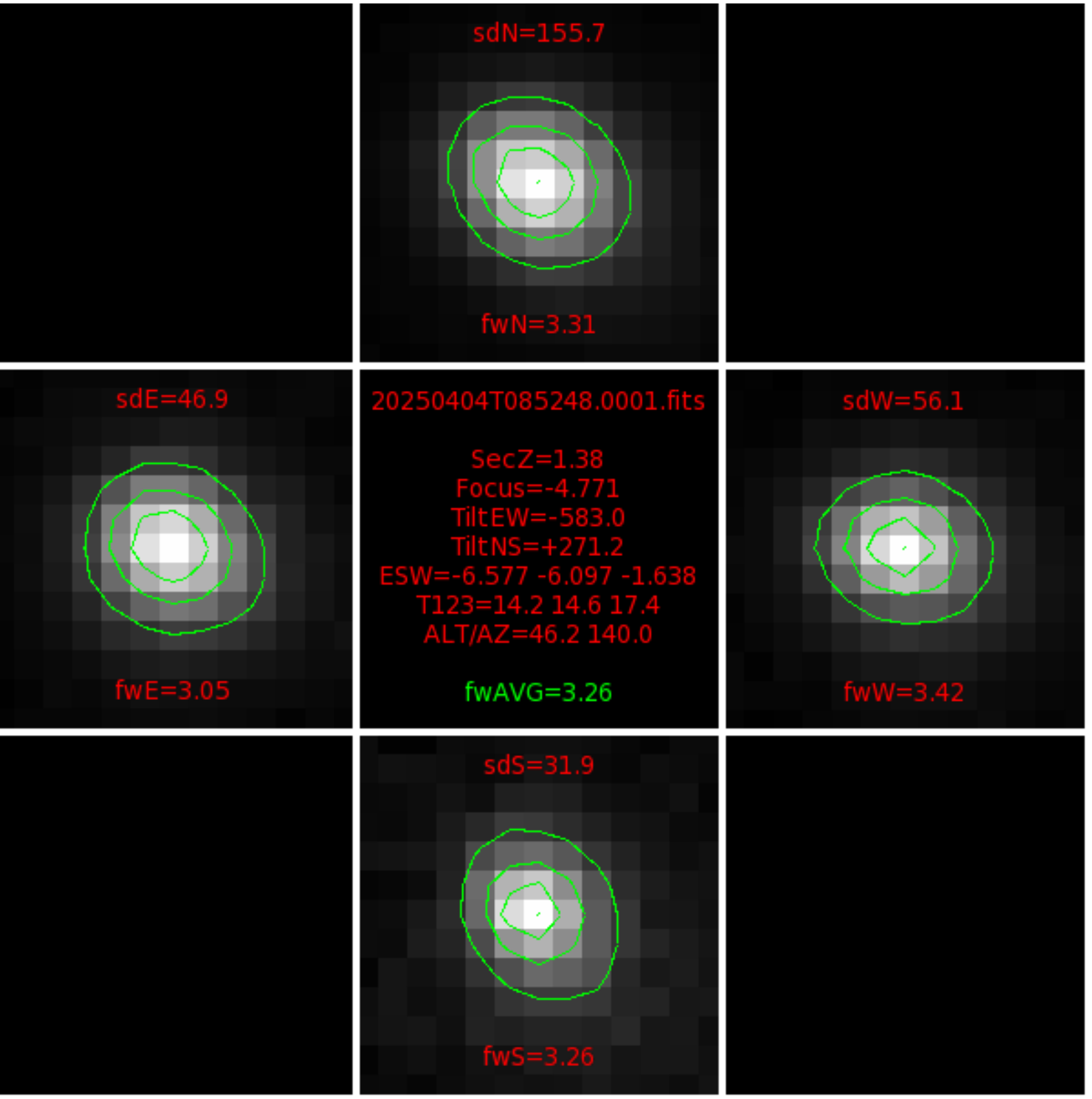

sdN=39.2
fwN=3.46
sdE=45.0
fwE=2.97
20250404T085013.0001.fits
SecZ=1.42
Focus=-4.753
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.559 -6.079 -1.620
T123=14.2 14.8 17.4
ALT/AZ=44.7 136.9
fwAVG=3.14
sdW=33.9
fwW=2.94
sdS=378.7
fwS=3.20
0 0 0 0 0 0 0 0 0


sdN=39.9
fwN=3.08
sdE=48.1
fwE=3.44
20250404T085038.0001.fits
SecZ=1.42
Focus=-4.746
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.552 -6.072 -1.613
T123=14.2 14.8 17.4
ALT/AZ=44.8 137.0
fwAVG=3.20
sdW=34.3
fwW=3.38
sdS=392.9
fwS=2.89
0 0 0 0 0 0 0 0 0


sdN=73.7
fwN=3.85
sdE=54.1
fwE=3.16
20250404T085222.0001.fits
SecZ=1.39
Focus=-4.771
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.577 -6.097 -1.638
T123=14.2 14.7 17.4
ALT/AZ=46.2 139.8
fwAVG=3.35
sdW=44.0
fwW=2.77
sdS=377.4
fwS=3.64
0 0 0 0 0 0 0 0 0


sdN=155.7
fwN=3.31
sdE=46.9
fwE=3.05
20250404T085248.0001.fits
SecZ=1.38
Focus=-4.771
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.577 -6.097 -1.638
T123=14.2 14.6 17.4
ALT/AZ=46.2 140.0
fwAVG=3.26
sdW=56.1
fwW=3.42
sdS=31.9
fwS=3.26
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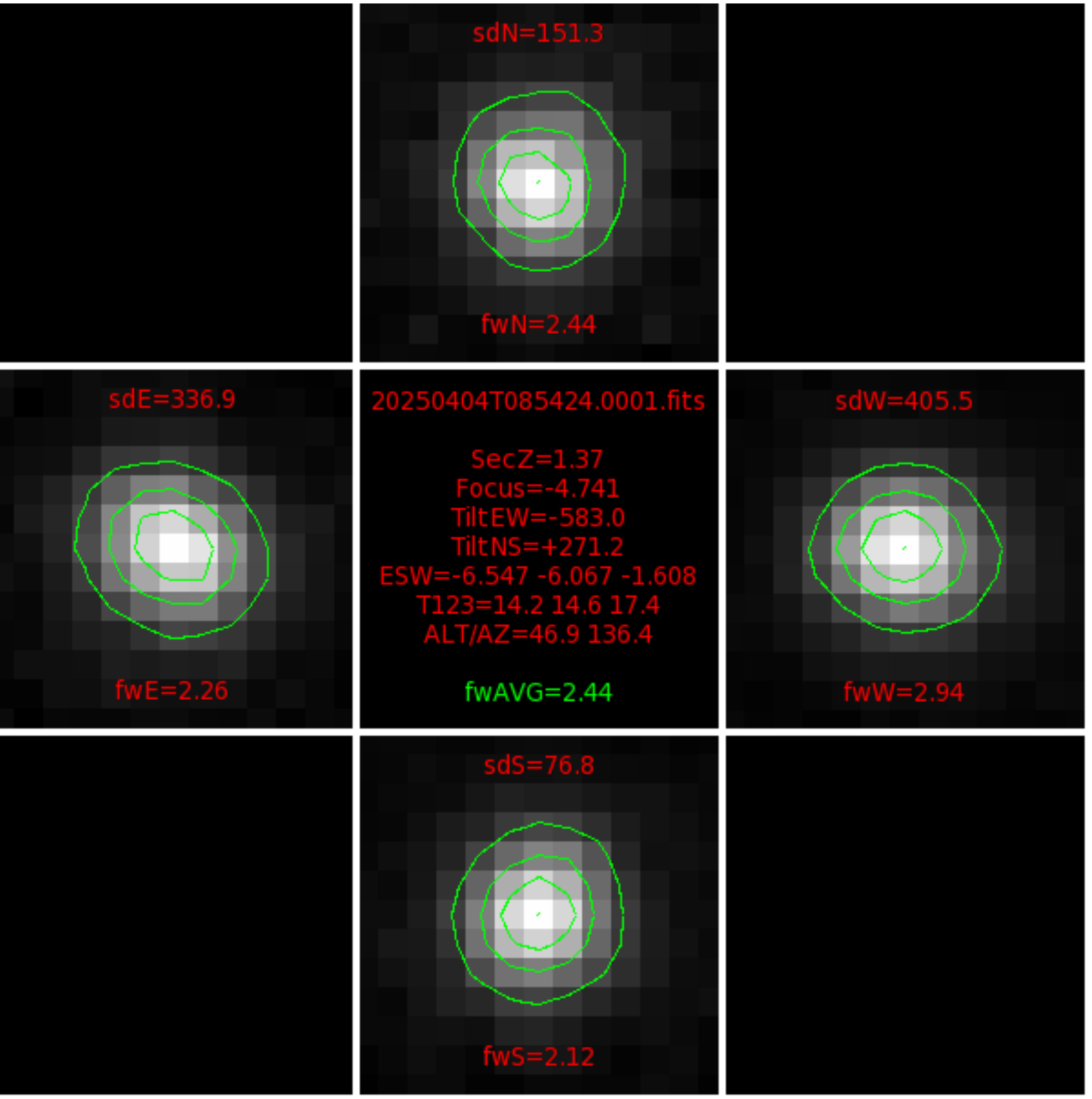
sdN=151.3
fwN=2.44
sdE=336.9
fwE=2.26
20250404T085424.0001.fits
SecZ=1.37
Focus=-4.741
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.547 -6.067 -1.608
T123=14.2 14.6 17.4
ALT/AZ=46.9 136.4
fwAVG=2.44
sdW=405.5
fwW=2.94
sdS=76.8
fwS=2.12
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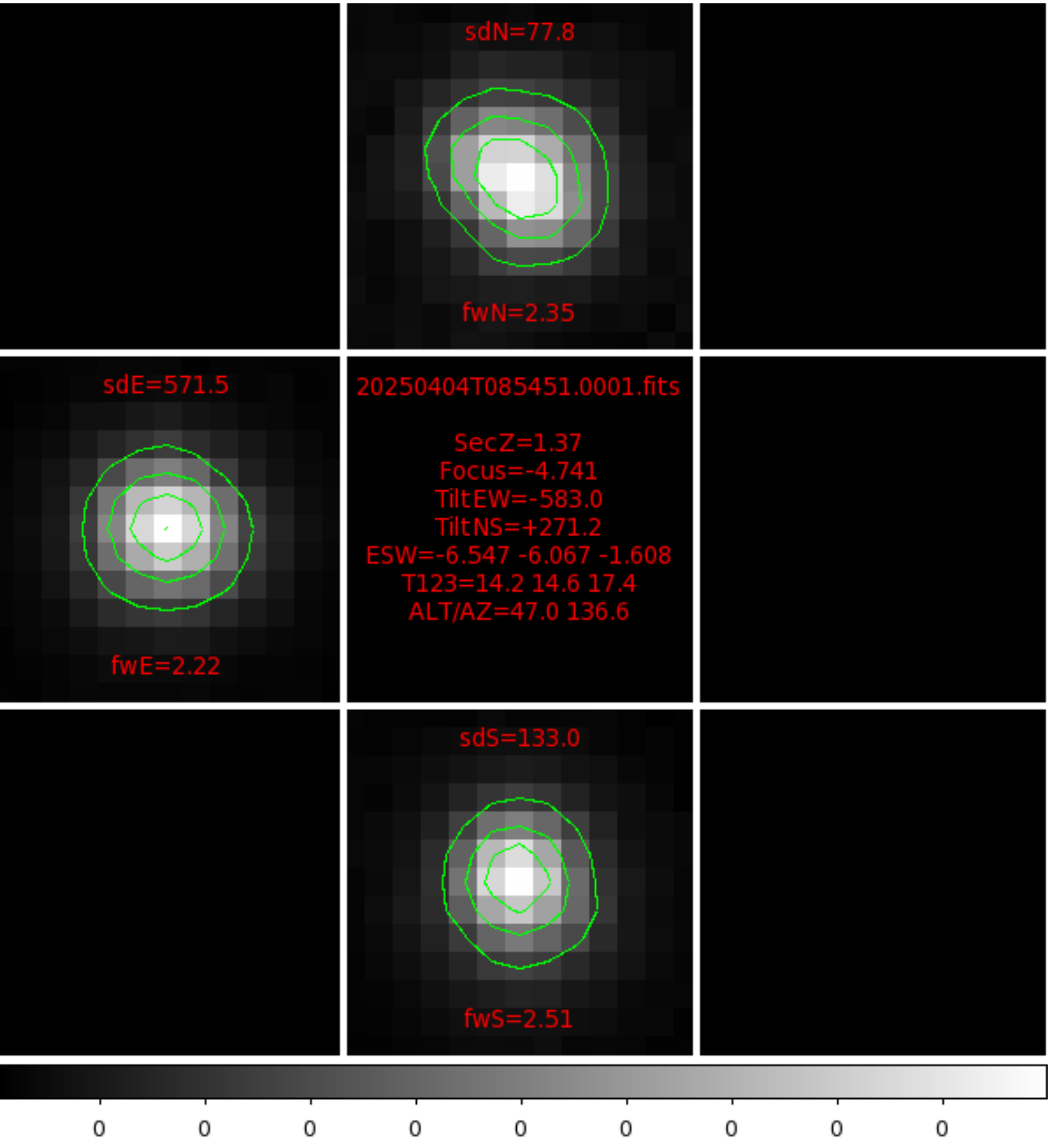
sdN=77.8
fwN=2.35
sdE=571.5
fwE=2.22
20250404T085451.0001.fits
SecZ=1.37
Focus=-4.741
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.547 -6.067 -1.608
T123=14.2 14.6 17.4
ALT/AZ=47.0 136.6
sdS=133.0
fwS=2.51
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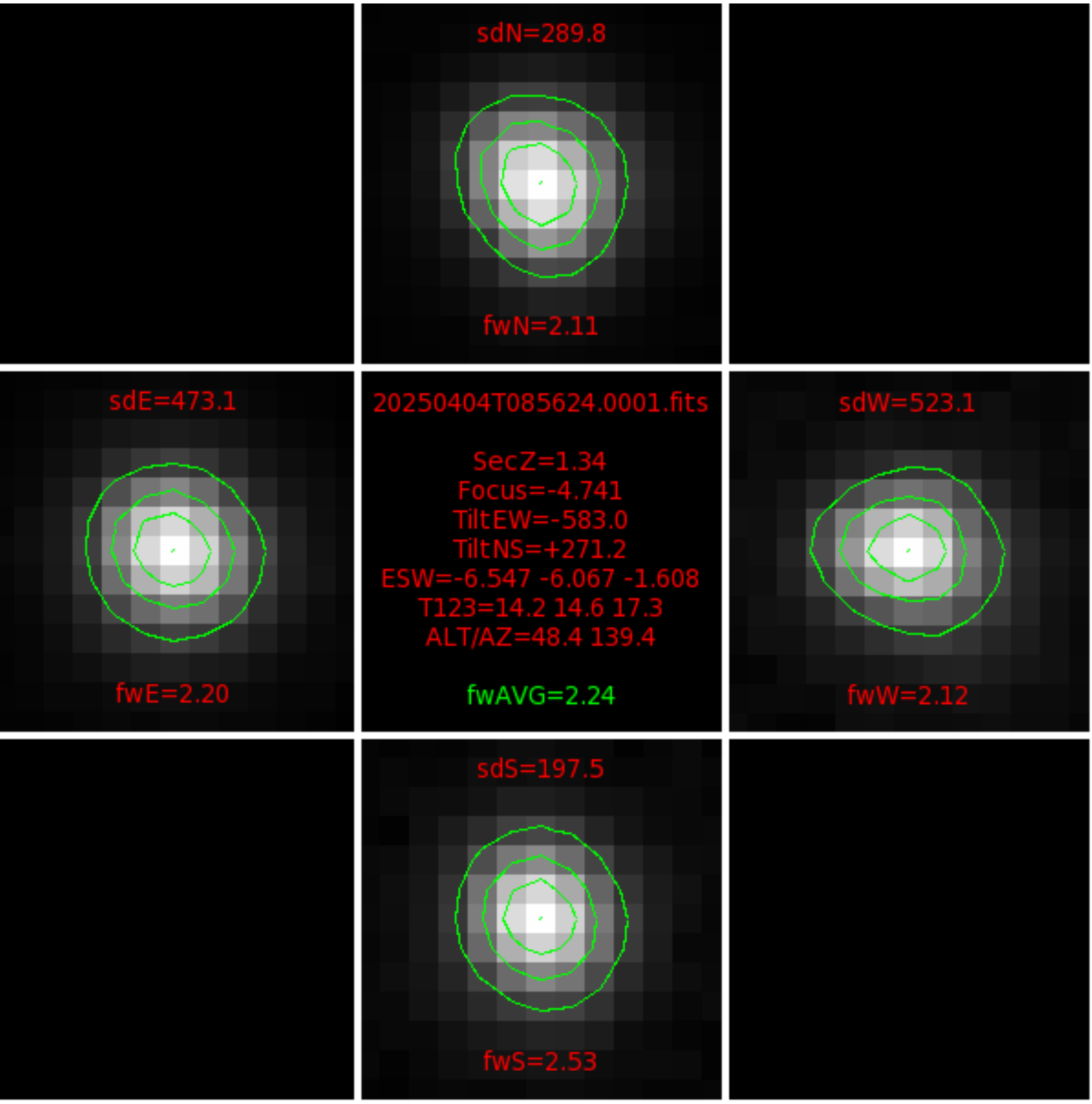
sdN=289.8
fwN=2.11
sdE=473.1
fwE=2.20
20250404T085624.0001.fits
SecZ=1.34
Focus=-4.741
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.547 -6.067 -1.608
T123=14.2 14.6 17.3
ALT/AZ=48.4 139.4
fwAVG=2.24
sdW=523.1
fwW=2.12
sdS=197.5
fwS=2.53
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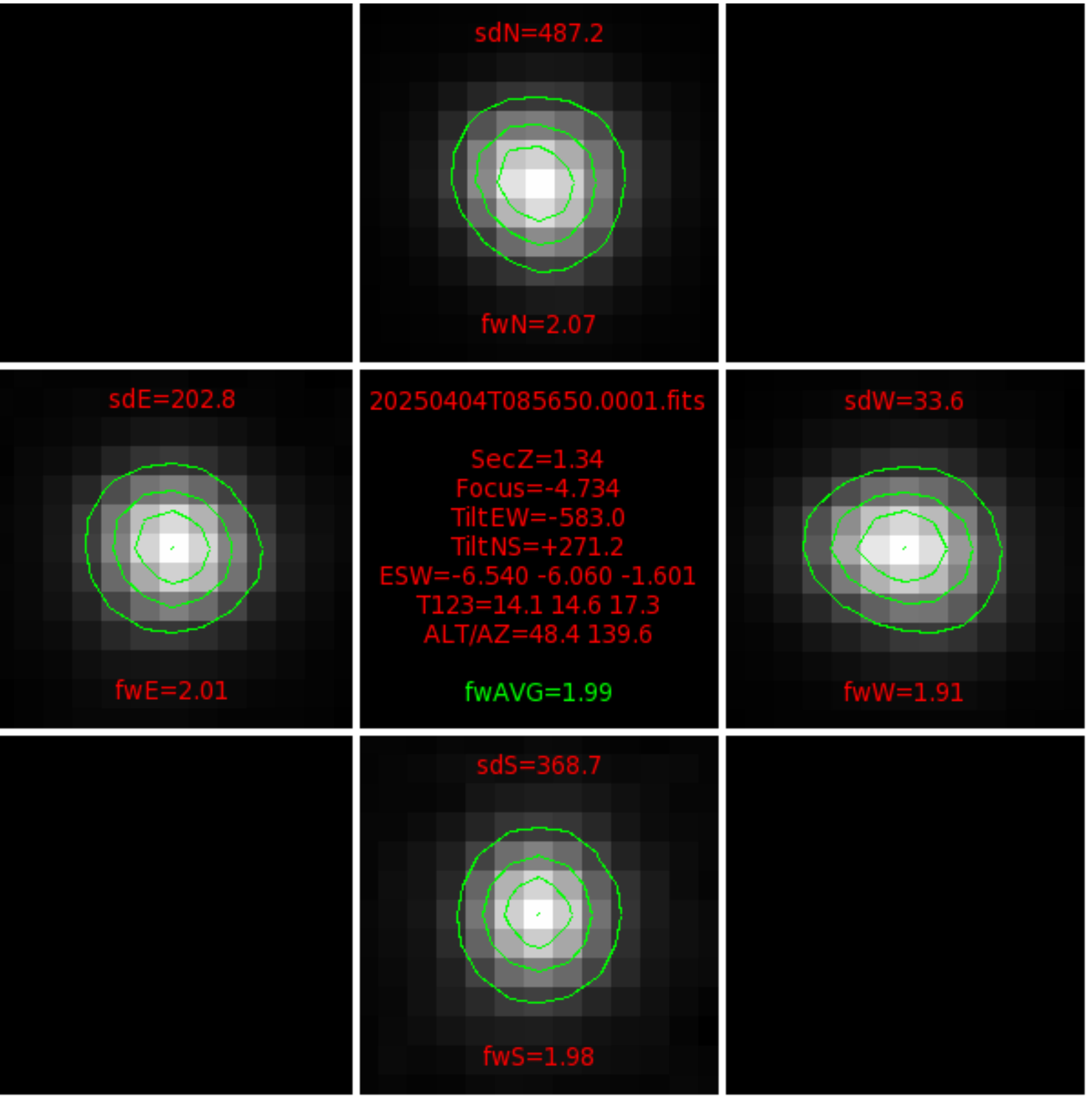
sdN=487.2
fwN=2.07
sdE=202.8
fwE=2.01
20250404T085650.0001.fits
SecZ=1.34
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.1 14.6 17.3
ALT/AZ=48.4 139.6
fwAVG=1.99
sdW=33.6
fwW=1.91
sdS=368.7
fwS=1.98
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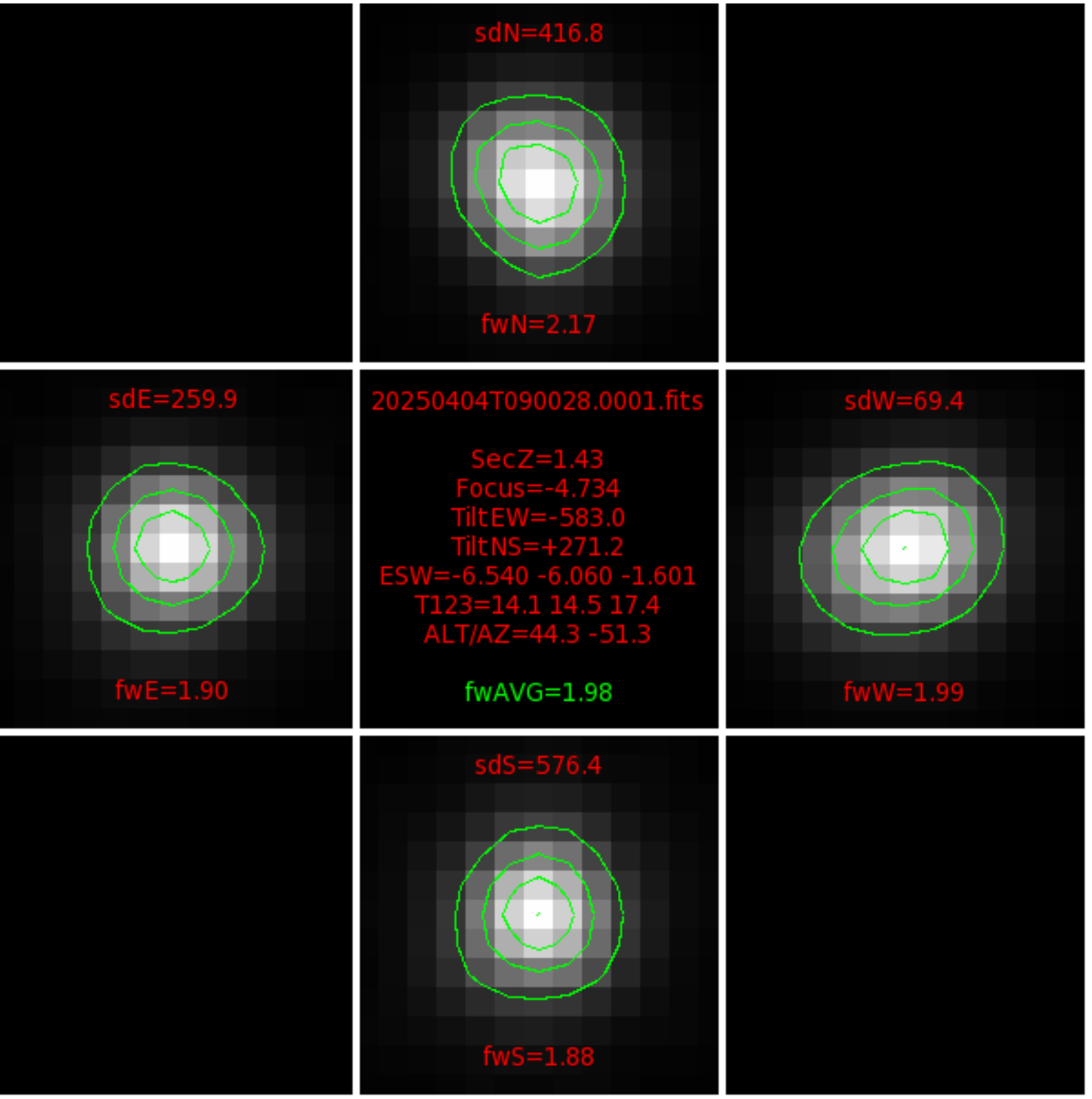
sdN=416.8
fwN=2.17
sdE=259.9
fwE=1.90
20250404T090028.0001.fits
SecZ=1.43
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.1 14.5 17.4
ALT/AZ=44.3 -51.3
fwAVG=1.98
sdW=69.4
fwW=1.99
sdS=576.4
fwS=1.88
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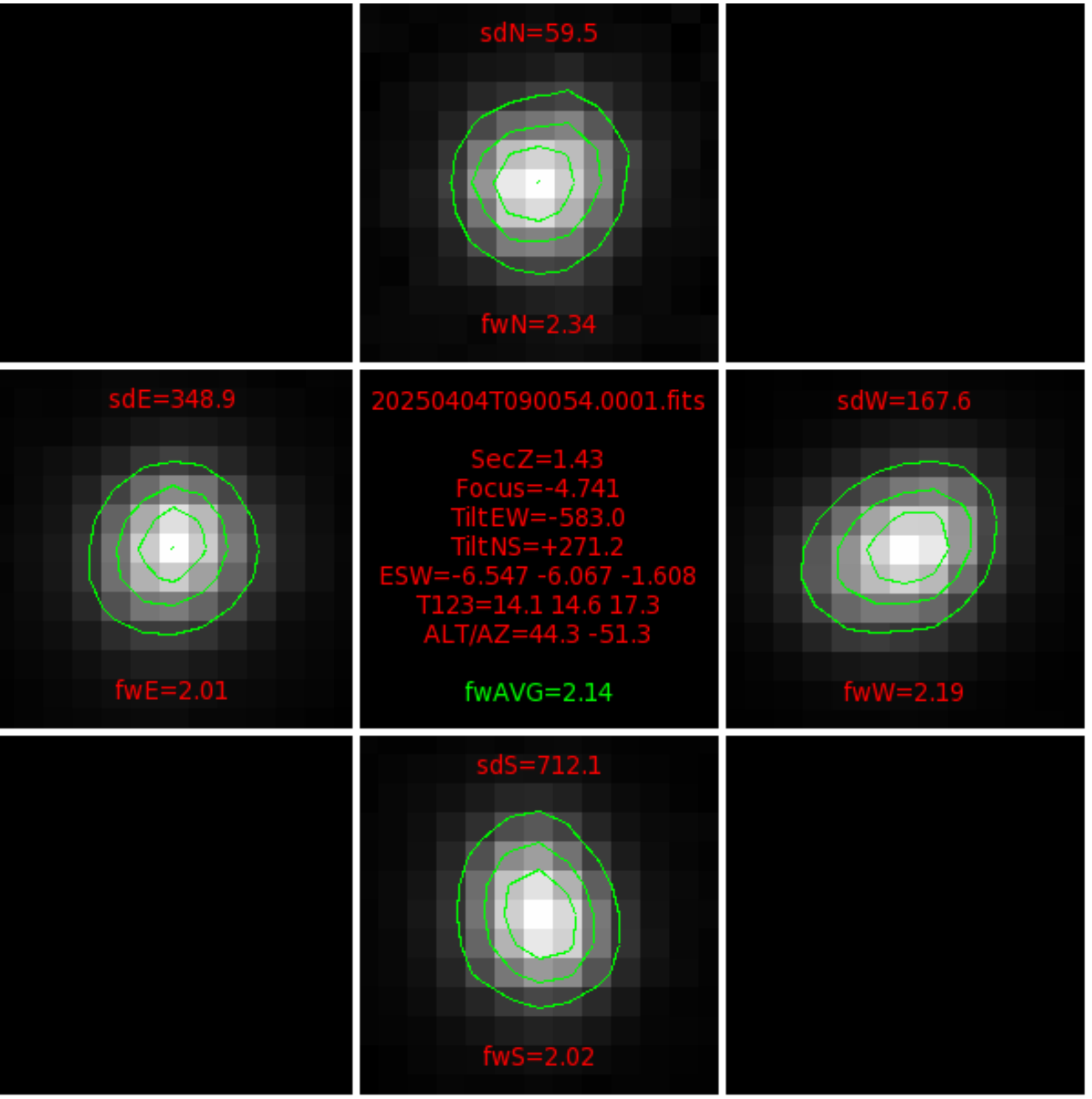
sdN=59.5
fwN=2.34
sdE=348.9
fwE=2.01
20250404T090054.0001.fits
SecZ=1.43
Focus=-4.741
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.547 -6.067 -1.608
T123=14.1 14.6 17.3
ALT/AZ=44.3 -51.3
fwAVG=2.14
sdW=167.6
fwW=2.19
sdS=712.1
fwS=2.02
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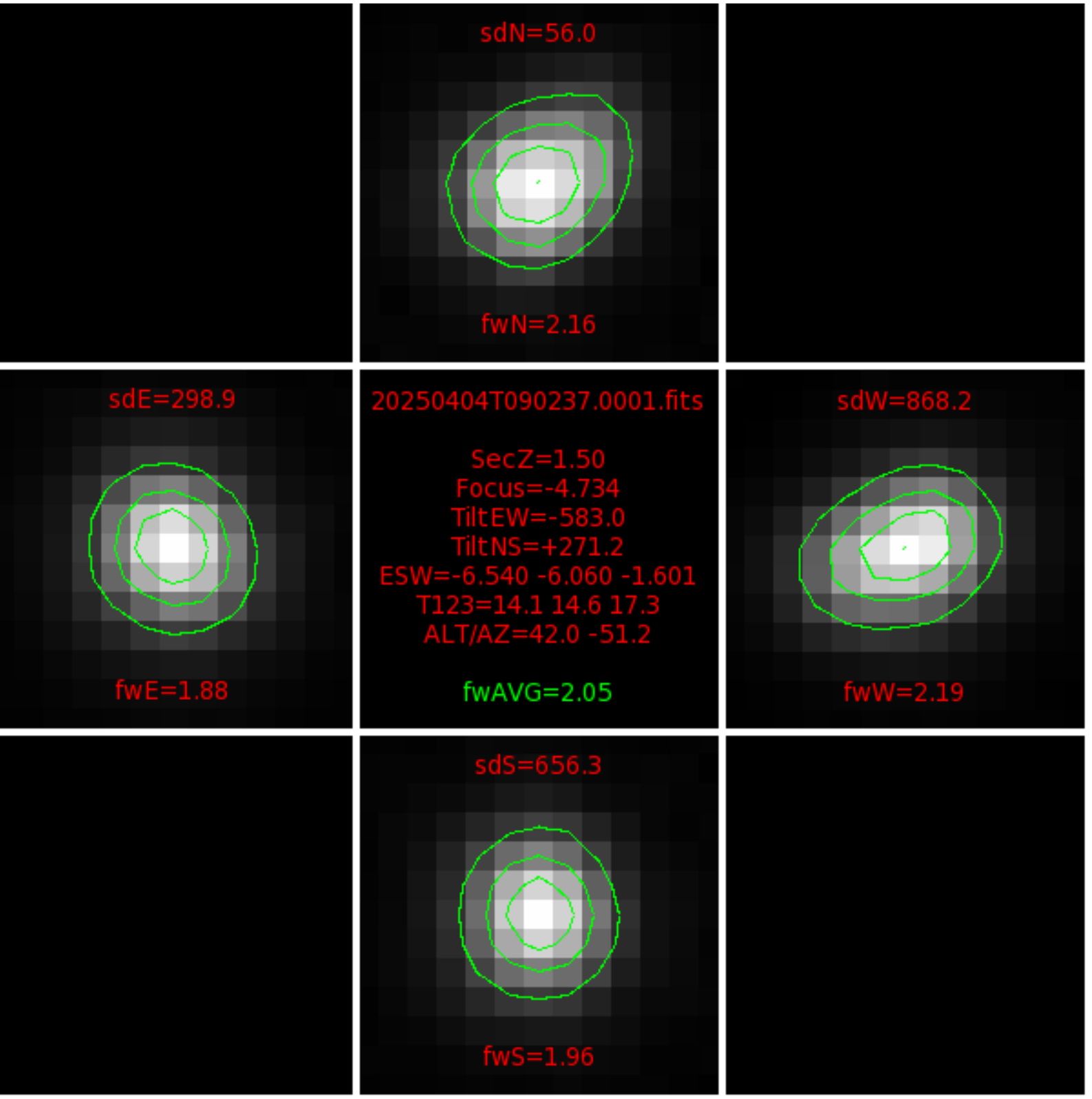
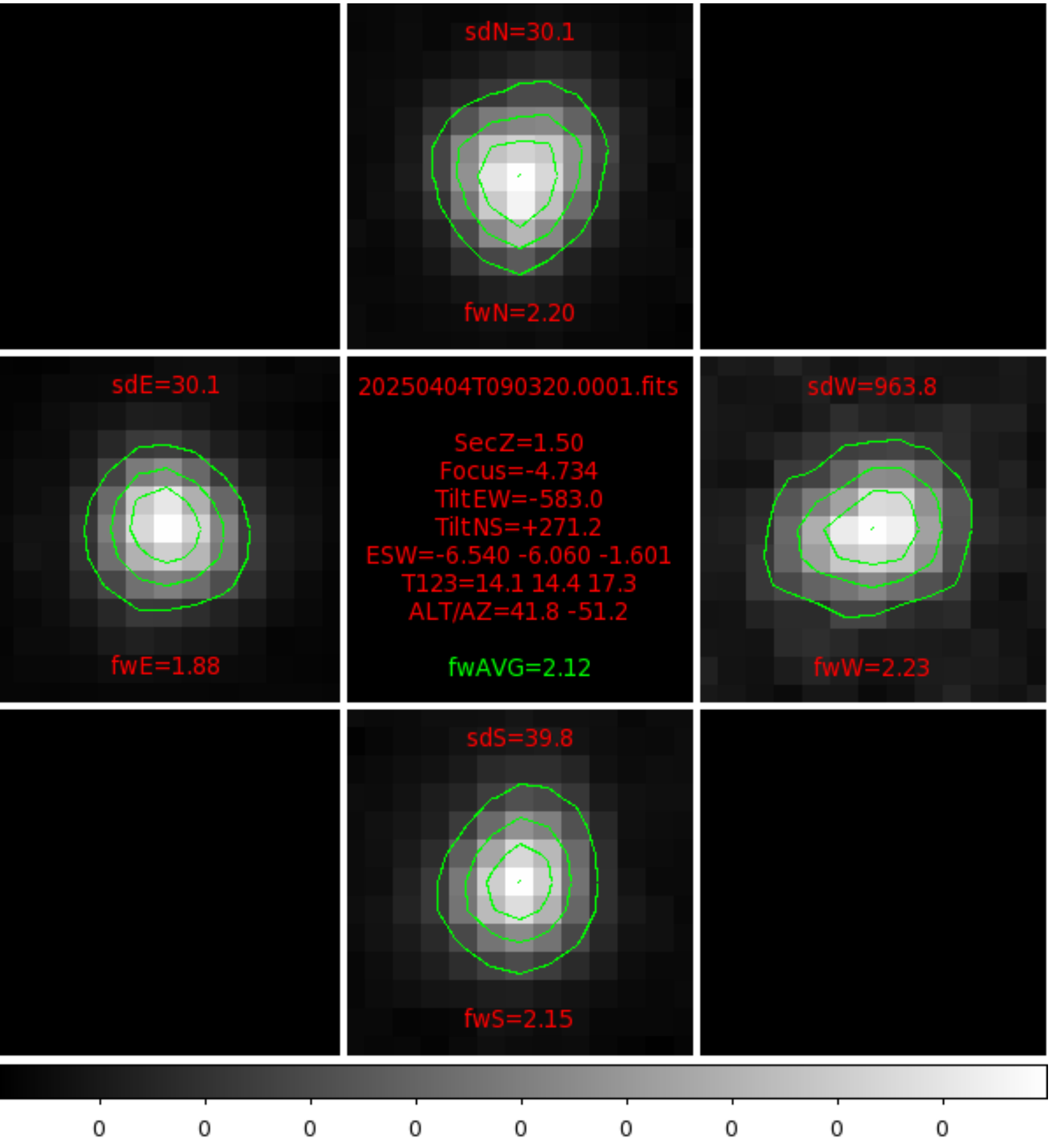

sdN=56.0
fwN=2.16
sdE=298.9
fwE=1.88
20250404T090237.0001.fits
SecZ=1.50
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.1 14.6 17.3
ALT/AZ=42.0 -51.2
fwAVG=2.05
sdW=868.2
fwW=2.19
sdS=656.3
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=30.1
fwN=2.20
sdE=30.1
fwE=1.88
20250404T090320.0001.fits
SecZ=1.50
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.1 14.4 17.3
ALT/AZ=41.8 -51.2
fwAVG=2.12
sdW=963.8
fwW=2.23
sdS=39.8
fwS=2.15
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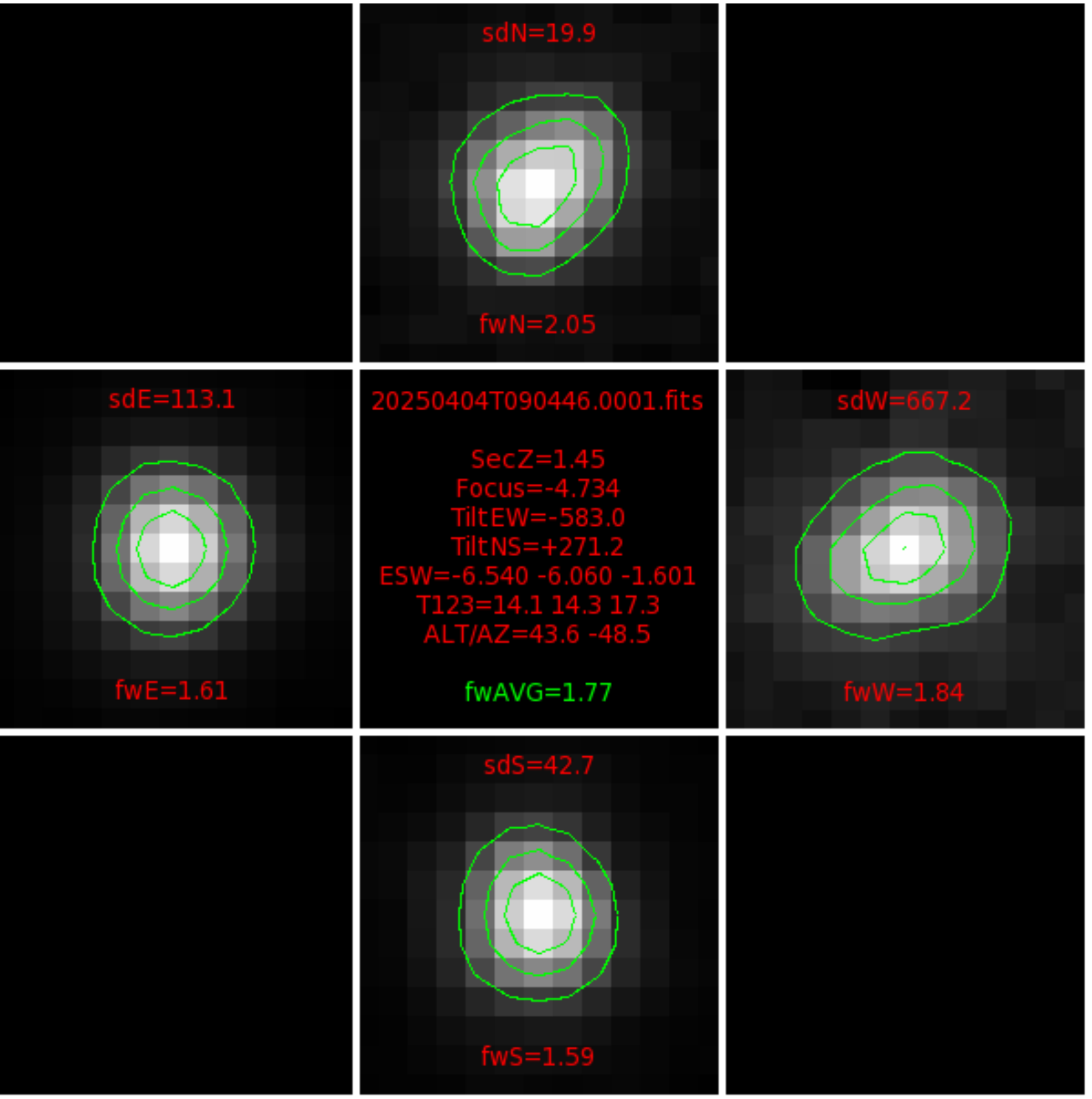
sdN=19.9
fwN=2.05
sdE=113.1
fwE=1.61
20250404T090446.0001.fits
SecZ=1.45
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.1 14.3 17.3
ALT/AZ=43.6 -48.5
fwAVG=1.77
sdW=667.2
fwW=1.84
sdS=42.7
fwS=1.59
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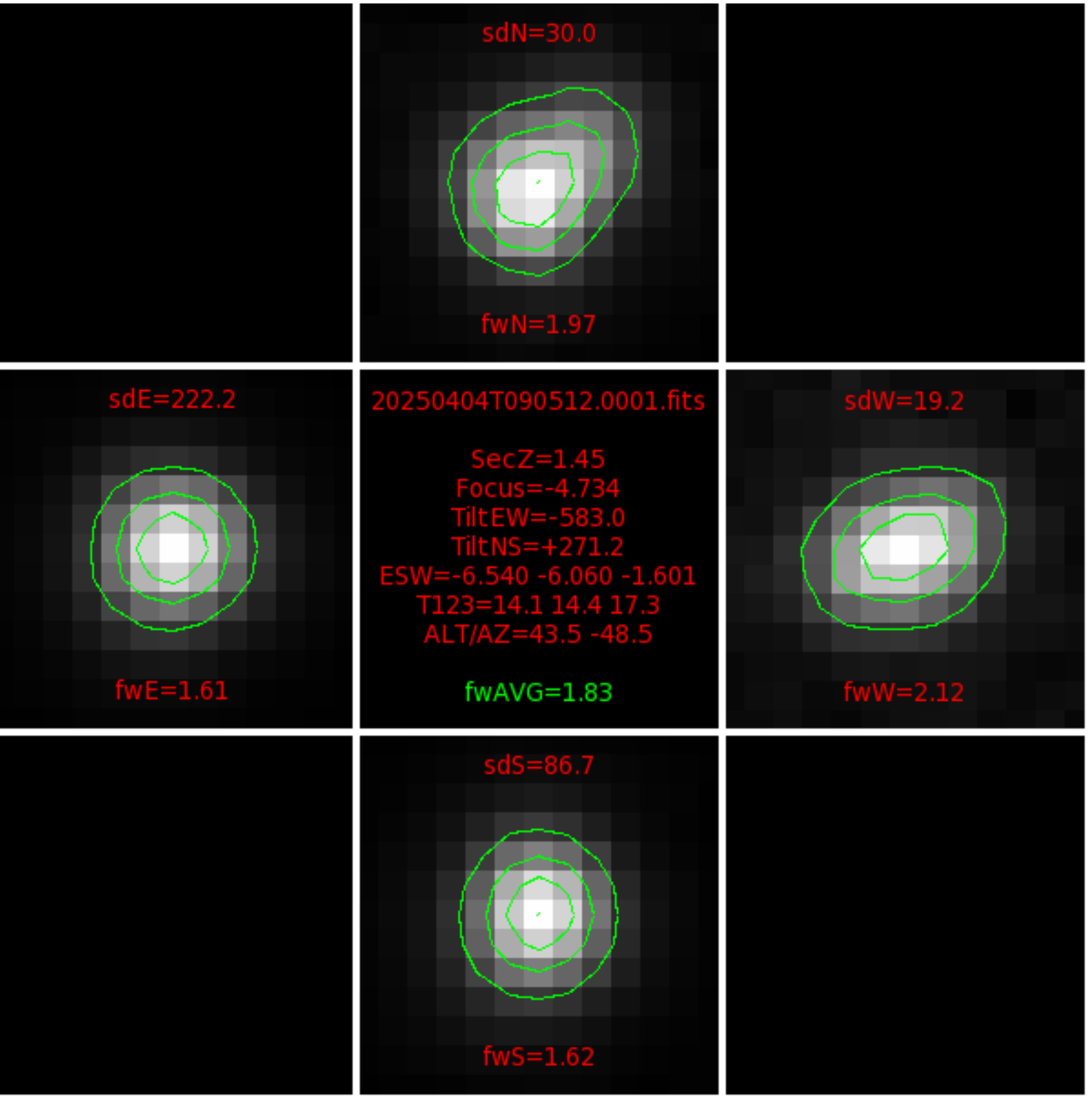
sdN=30.0
fwN=1.97
sdE=222.2
fwE=1.61
20250404T090512.0001.fits
SecZ=1.45
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.1 14.4 17.3
ALT/AZ=43.5 -48.5
fwAVG=1.83
sdW=19.2
fwW=2.12
sdS=86.7
fwS=1.62
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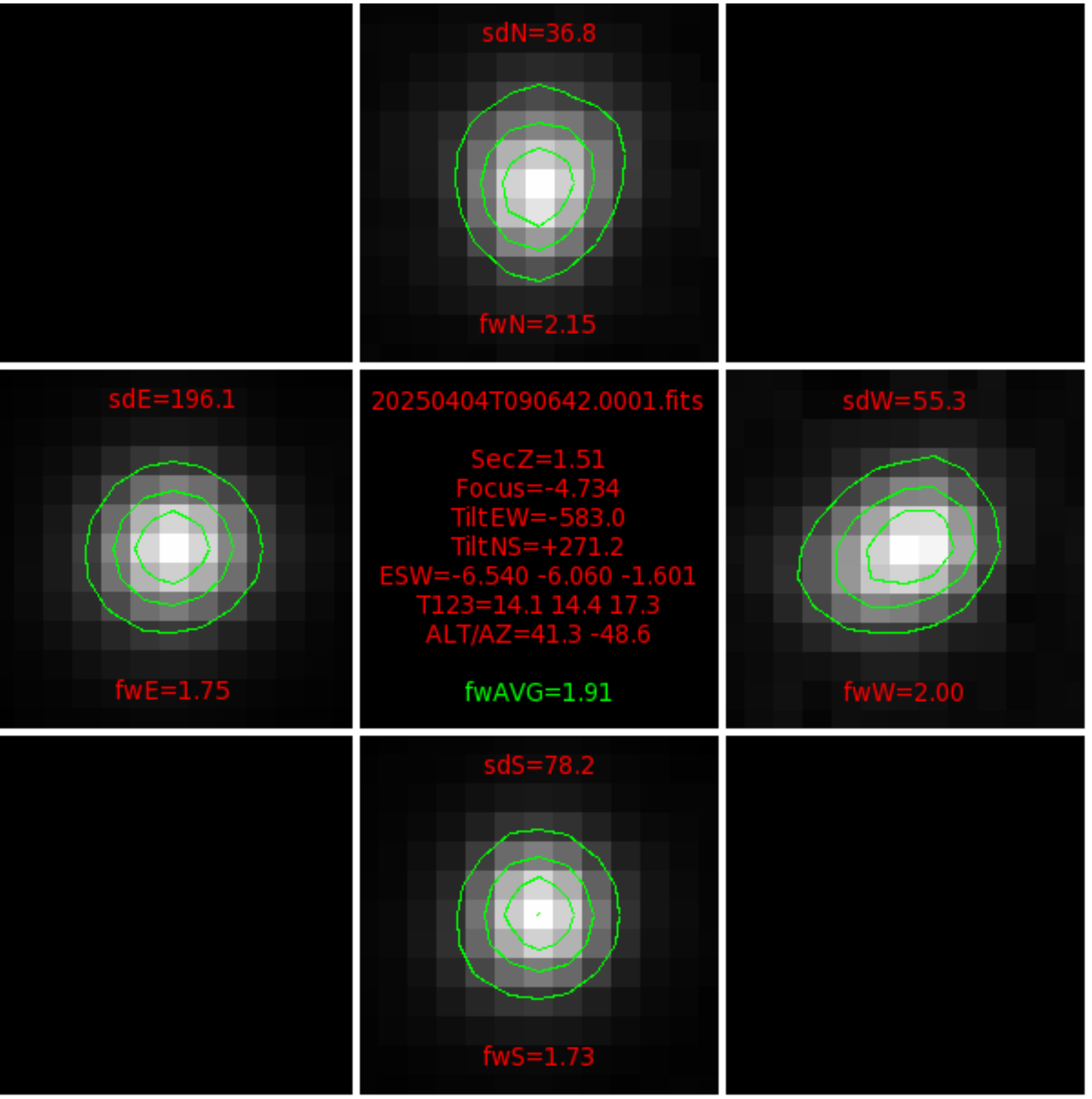
sdN=36.8
fwN=2.15
sdE=196.1
fwE=1.75
20250404T090642.0001.fits
SecZ=1.51
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.1 14.4 17.3
ALT/AZ=41.3 -48.6
fwAVG=1.91
sdW=55.3
fwW=2.00
sdS=78.2
fwS=1.73
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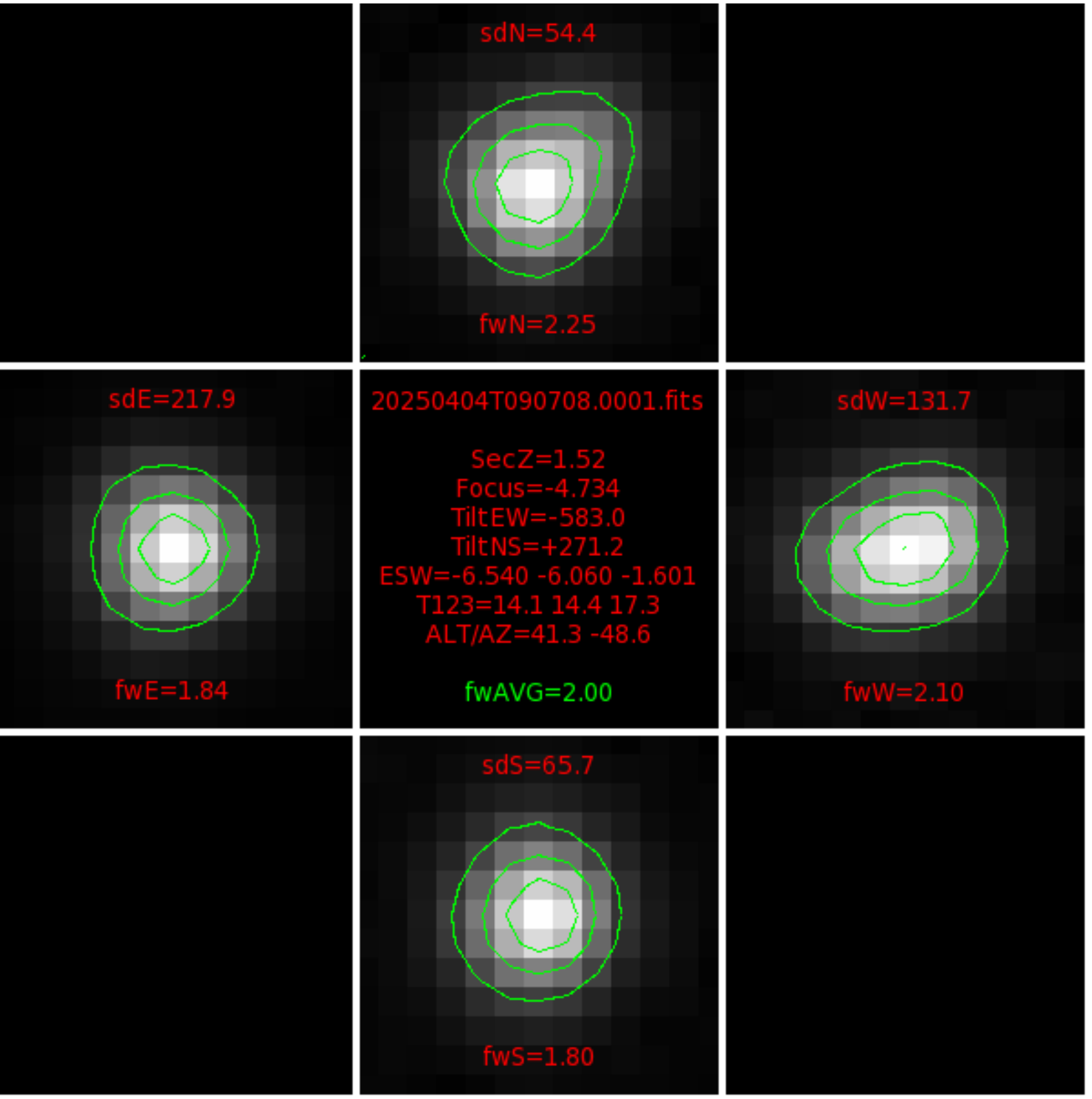
sdN=54.4
fwN=2.25
sdE=217.9
fwE=1.84
20250404T090708.0001.fits
SecZ=1.52
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.1 14.4 17.3
ALT/AZ=41.3 -48.6
fwAVG=2.00
sdW=131.7
fwW=2.10
sdS=65.7
fwS=1.80
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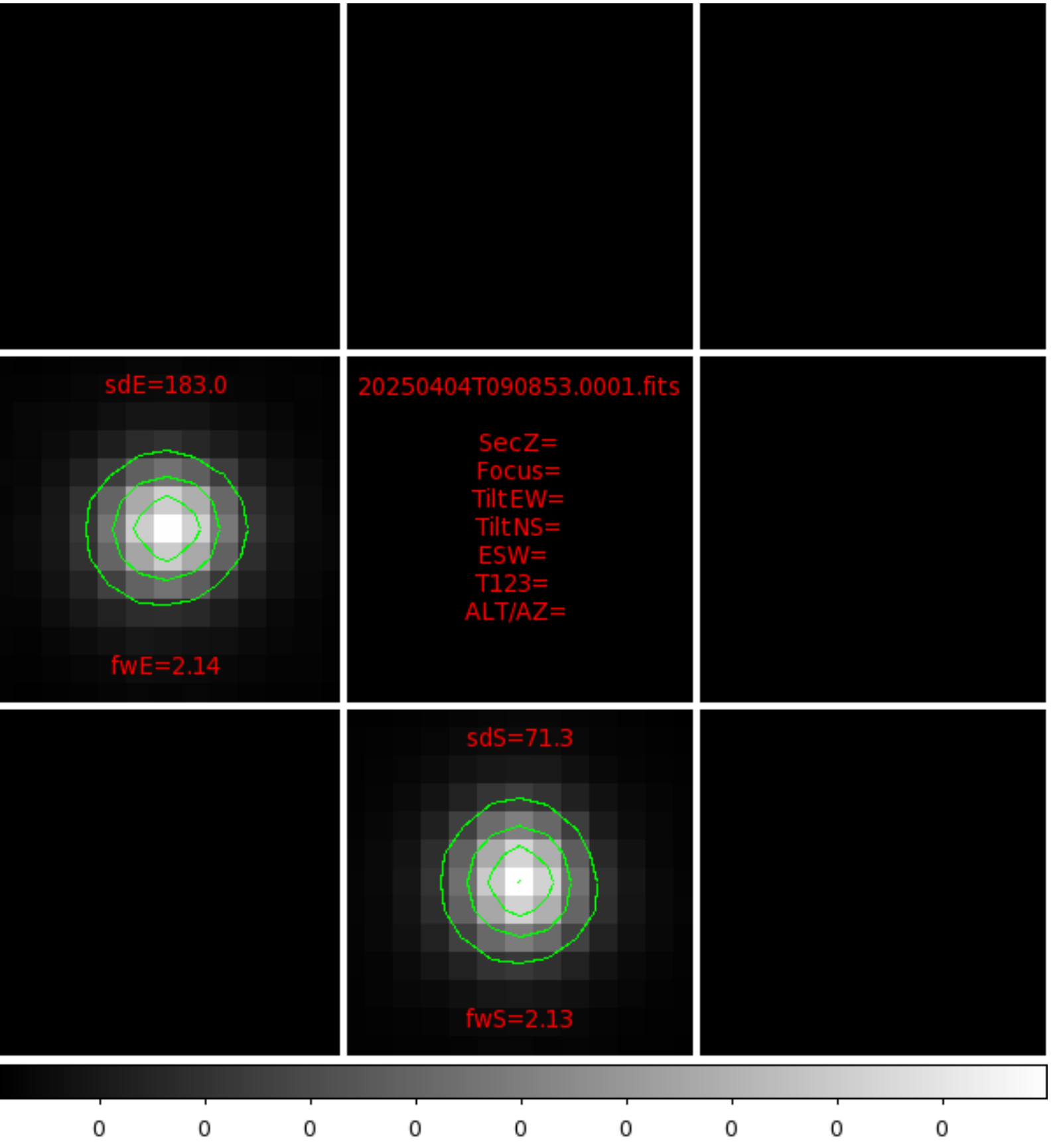
sdE=183.0
20250404T090853.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=2.14
sdS=71.3
fwS=2.13
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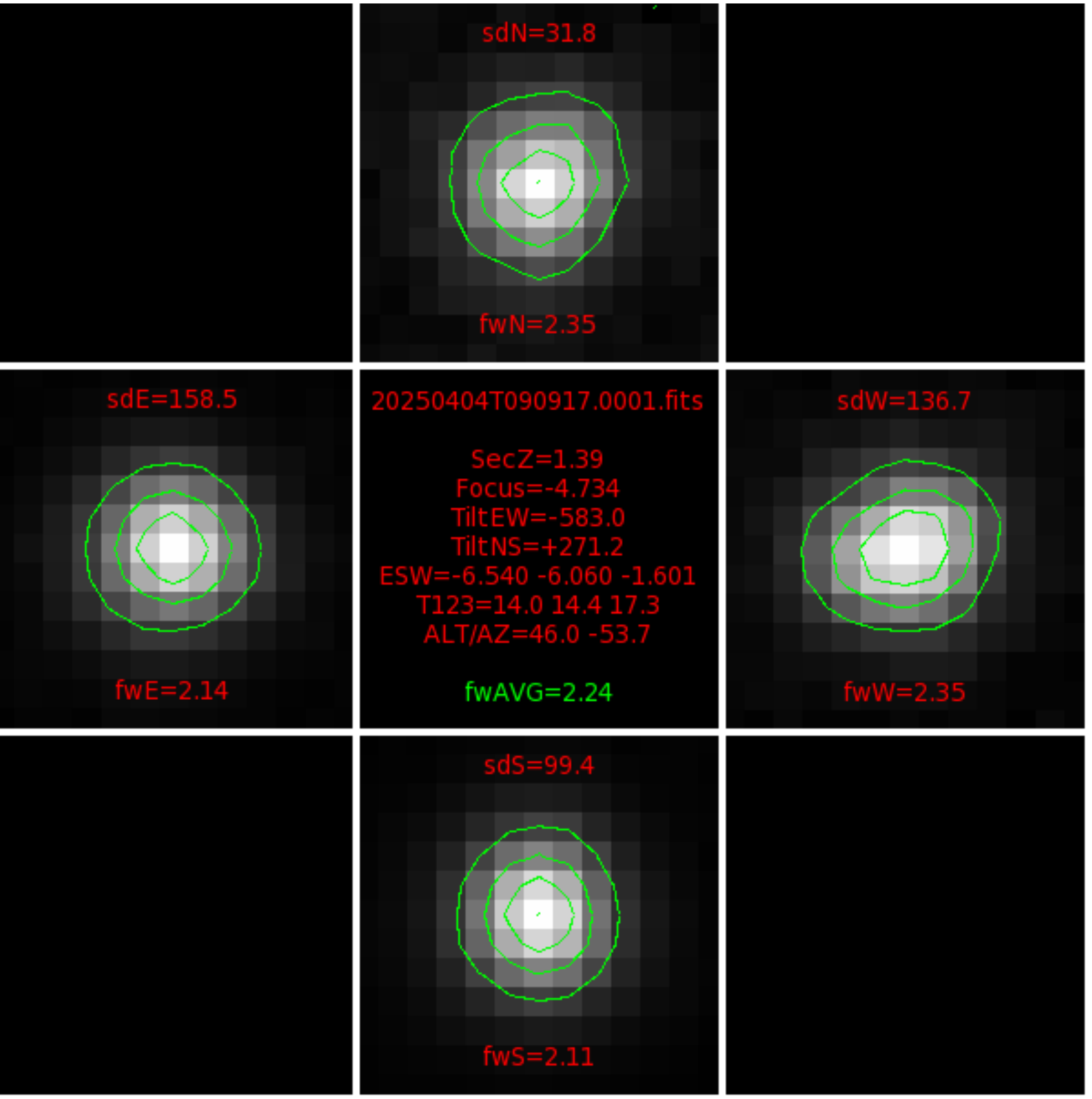
sdN=31.8
fwN=2.35
sdE=158.5
fwE=2.14
20250404T090917.0001.fits
SecZ=1.39
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.0 14.4 17.3
ALT/AZ=46.0 -53.7
fwAVG=2.24
sdW=136.7
fwW=2.35
sdS=99.4
fwS=2.11
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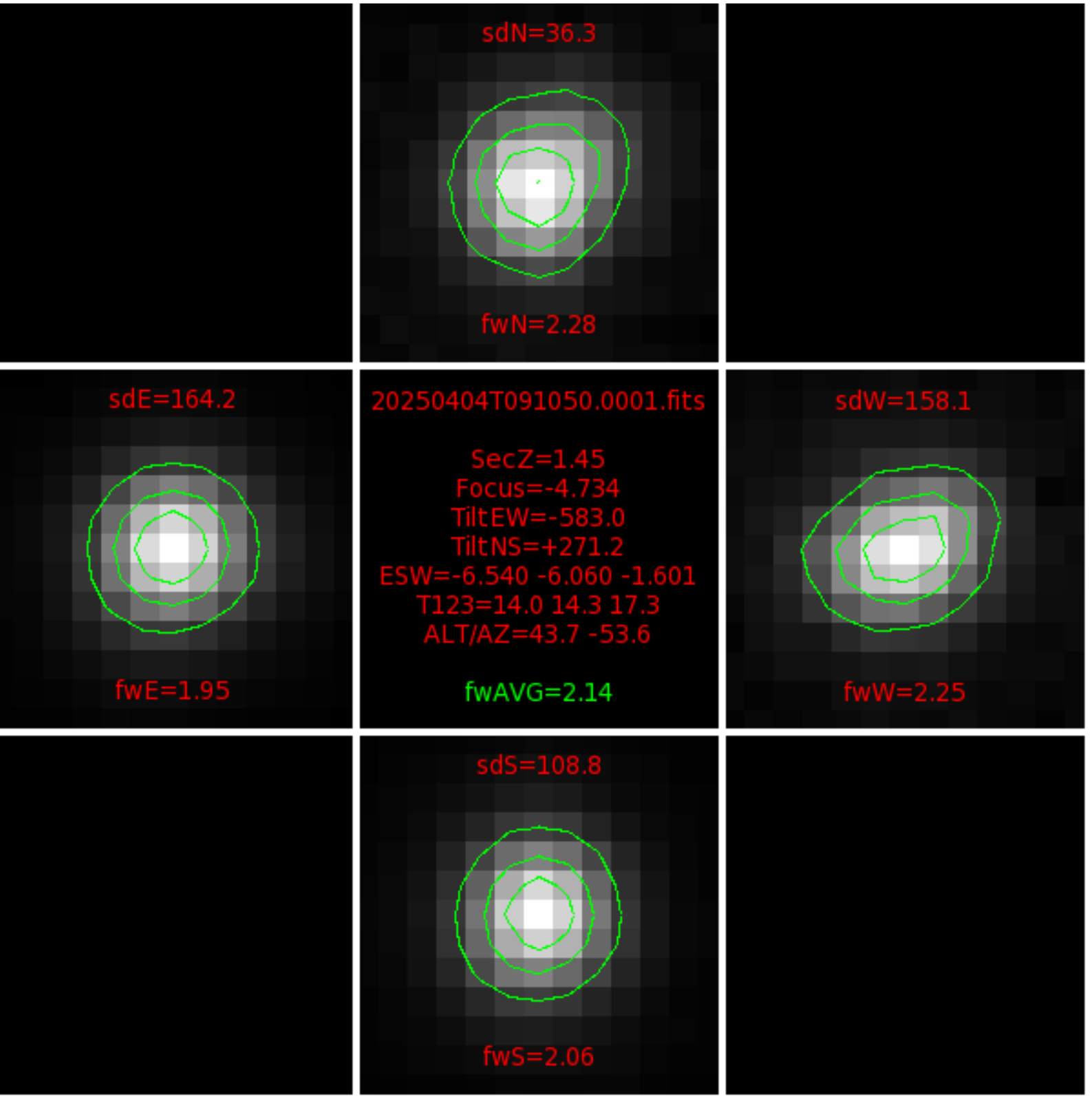
sdN=36.3
fwN=2.28
sdE=164.2
fwE=1.95
20250404T091050.0001.fits
SecZ=1.45
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.0 14.3 17.3
ALT/AZ=43.7 -53.6
fwAVG=2.14
sdW=158.1
fwW=2.25
sdS=108.8
fwS=2.06
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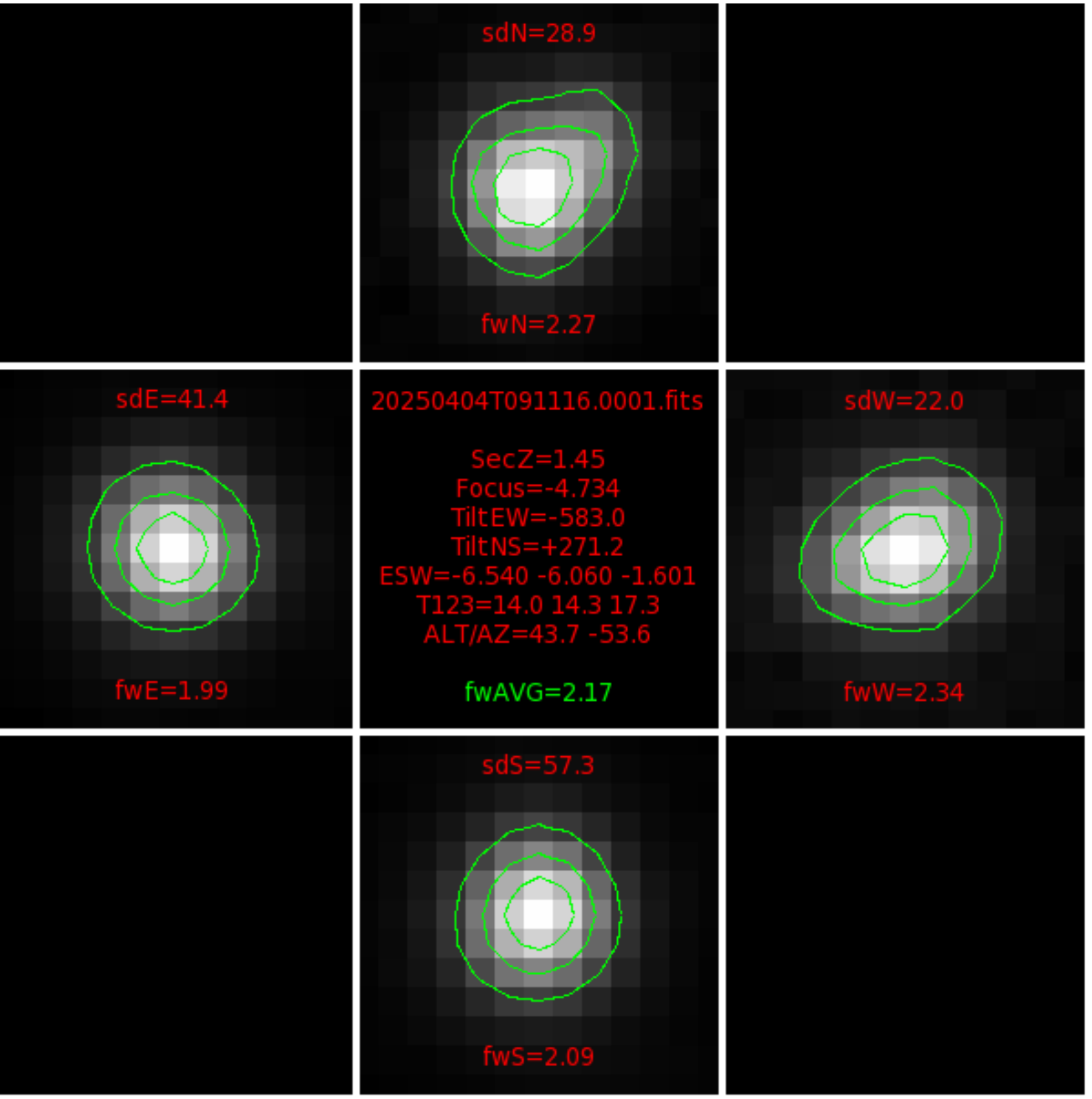
sdN=28.9
fwN=2.27
sdE=41.4
fwE=1.99
20250404T091116.0001.fits
SecZ=1.45
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.0 14.3 17.3
ALT/AZ=43.7 -53.6
fwAVG=2.17
sdW=22.0
fwW=2.34
sdS=57.3
fwS=2.09
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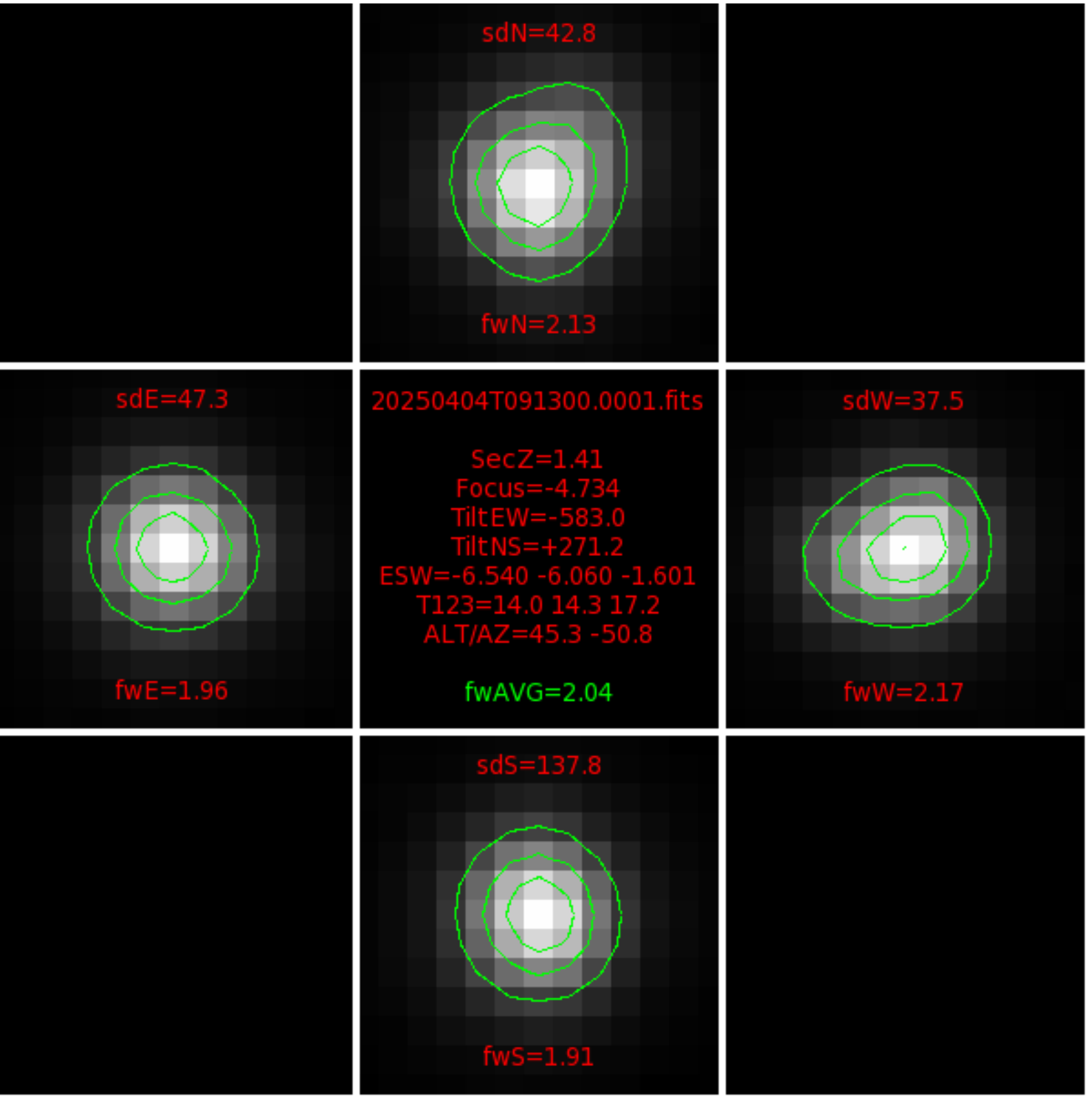
sdN=42.8
fwN=2.13
sdE=47.3
fwE=1.96
20250404T091300.0001.fits
SecZ=1.41
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.0 14.3 17.2
ALT/AZ=45.3 -50.8
fwAVG=2.04
sdW=37.5
fwW=2.17
sdS=137.8
fwS=1.91
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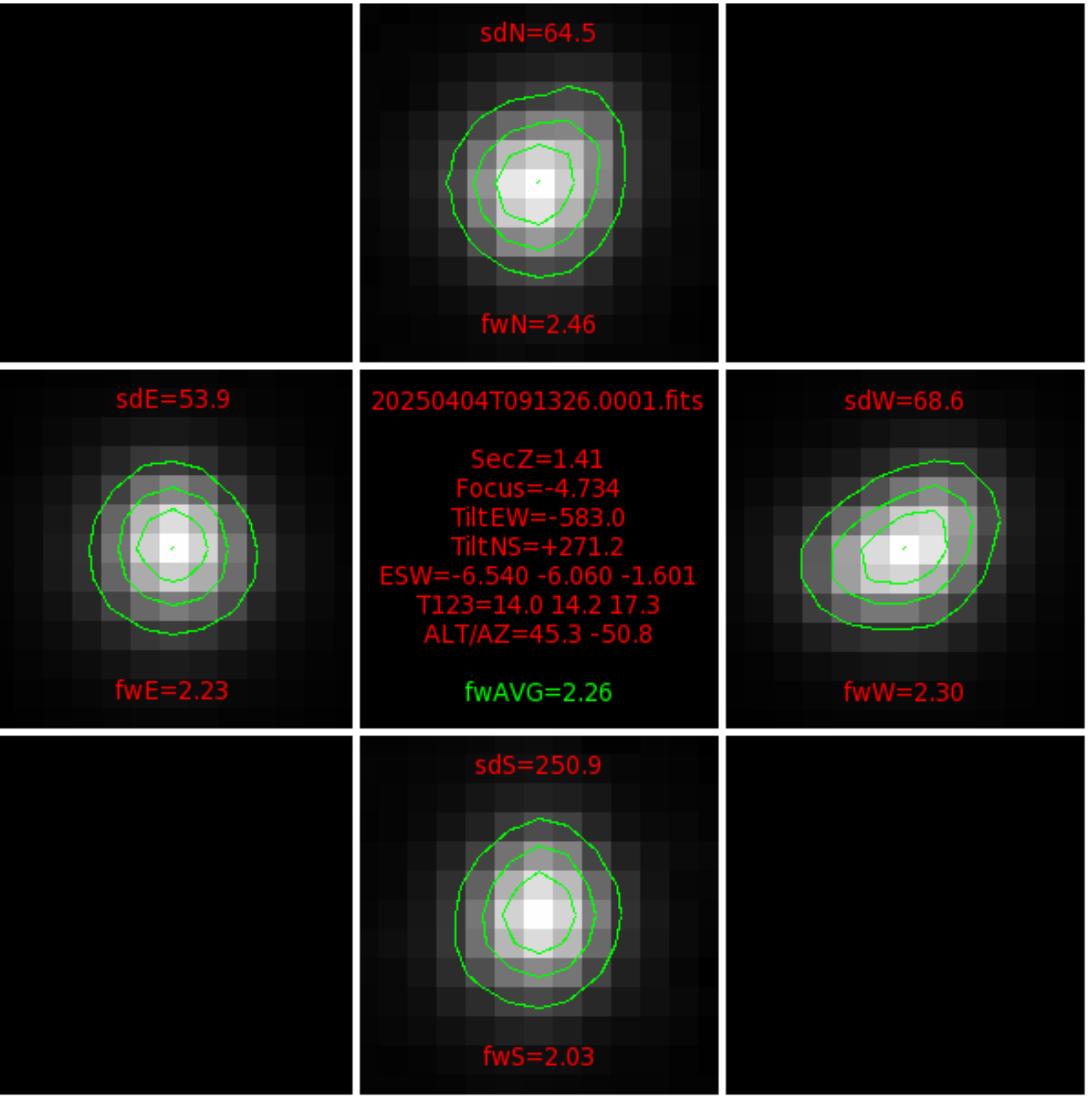
sdN=64.5
fwN=2.46
sdE=53.9
fwE=2.23
20250404T091326.0001.fits
SecZ=1.41
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=14.0 14.2 17.3
ALT/AZ=45.3 -50.8
fwAVG=2.26
sdW=68.6
fwW=2.30
sdS=250.9
fwS=2.03
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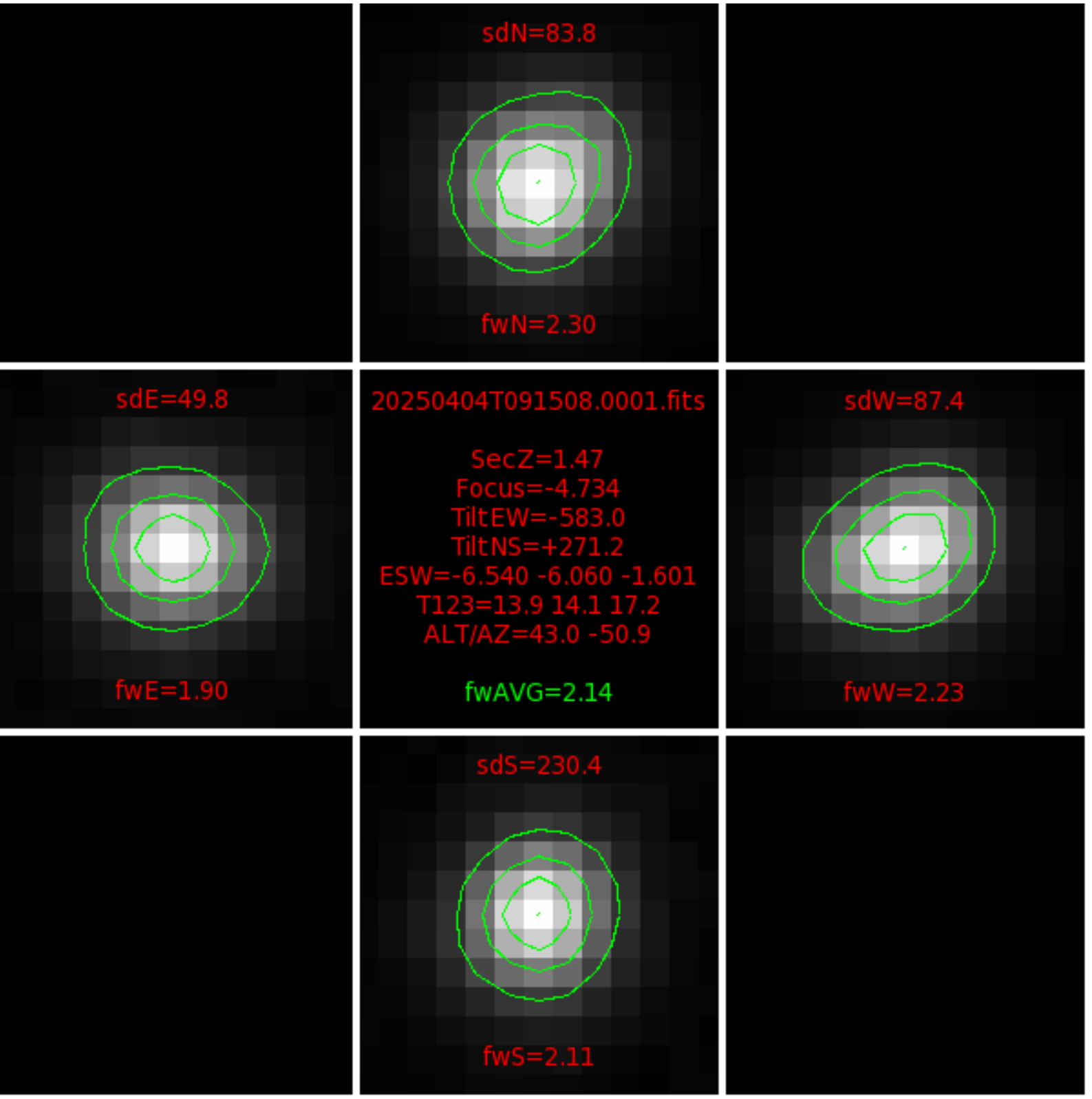
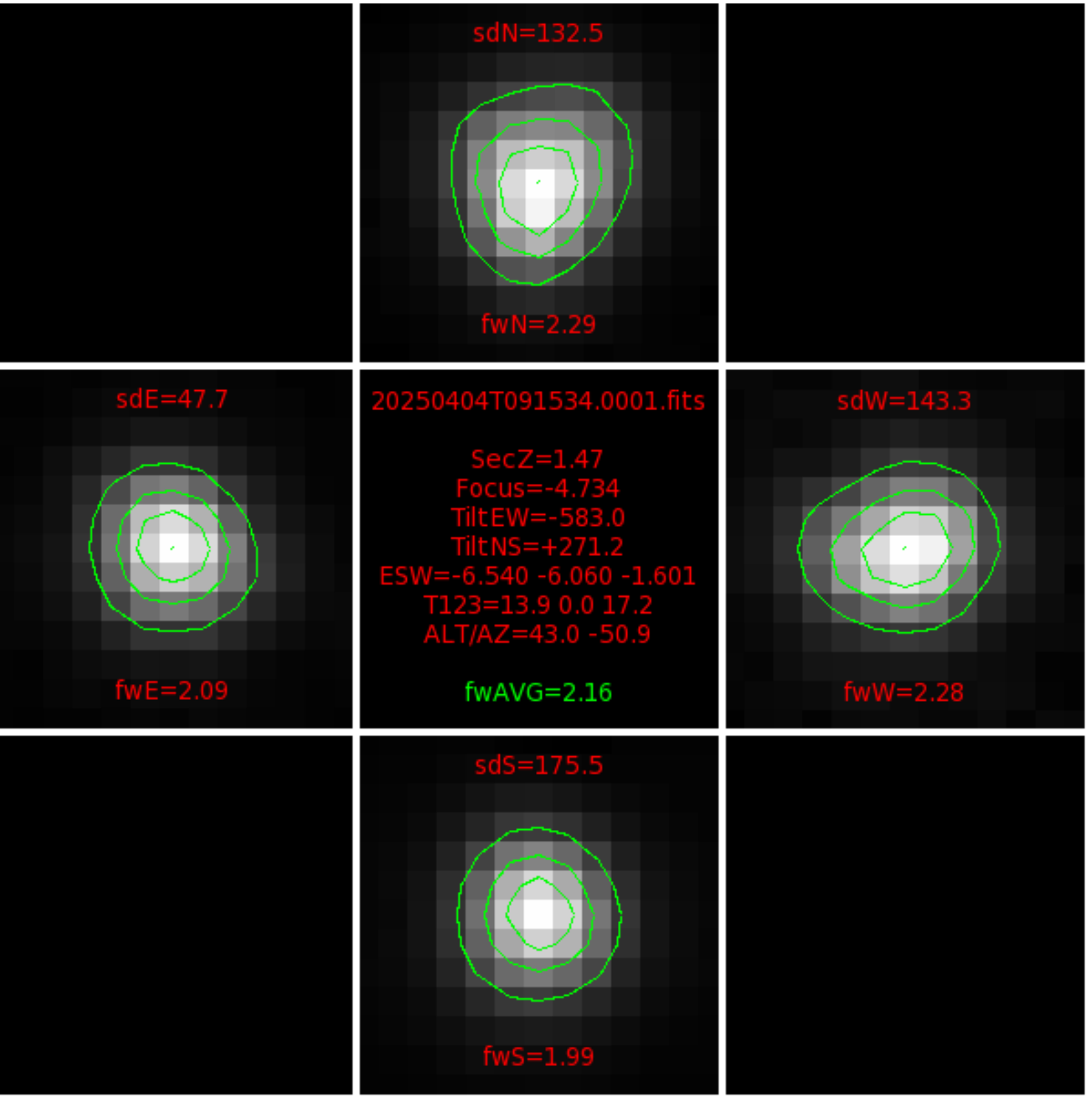

sdN=83.8
fwN=2.30
sdE=49.8
fwE=1.90
20250404T091508.0001.fits
SecZ=1.47
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.9 14.1 17.2
ALT/AZ=43.0 -50.9
fwAVG=2.14
sdW=87.4
fwW=2.23
sdS=230.4
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=132.5
fwN=2.29
sdE=47.7
fwE=2.09
20250404T091534.0001.fits
SecZ=1.47
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.9 0.0 17.2
ALT/AZ=43.0 -50.9
fwAVG=2.16
sdW=143.3
fwW=2.28
sdS=175.5
fwS=1.99
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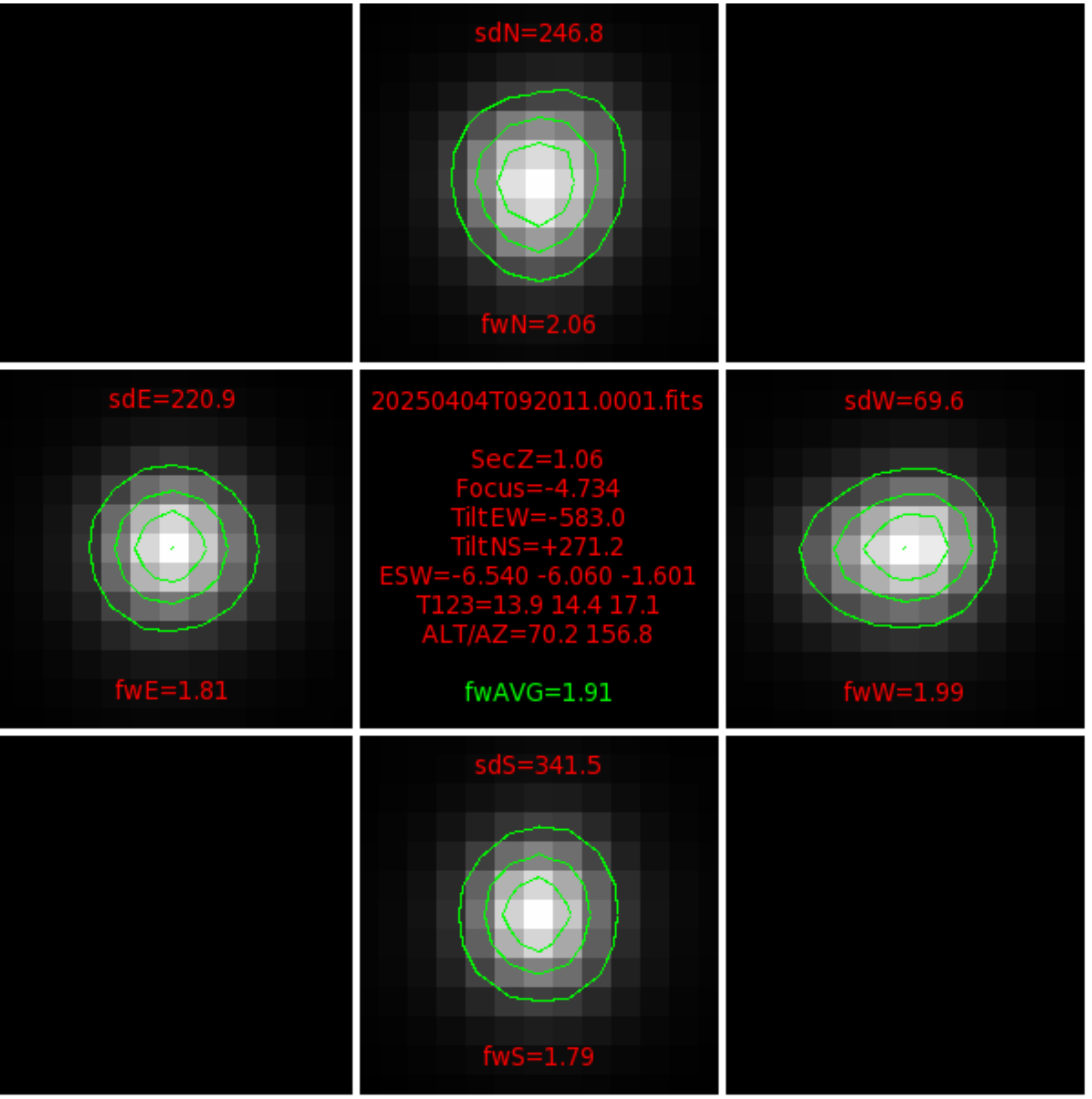
sdN=246.8
fwN=2.06
sdE=220.9
fwE=1.81
20250404T092011.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.9 14.4 17.1
ALT/AZ=70.2 156.8
fwAVG=1.91
sdW=69.6
fwW=1.99
sdS=341.5
fwS=1.79
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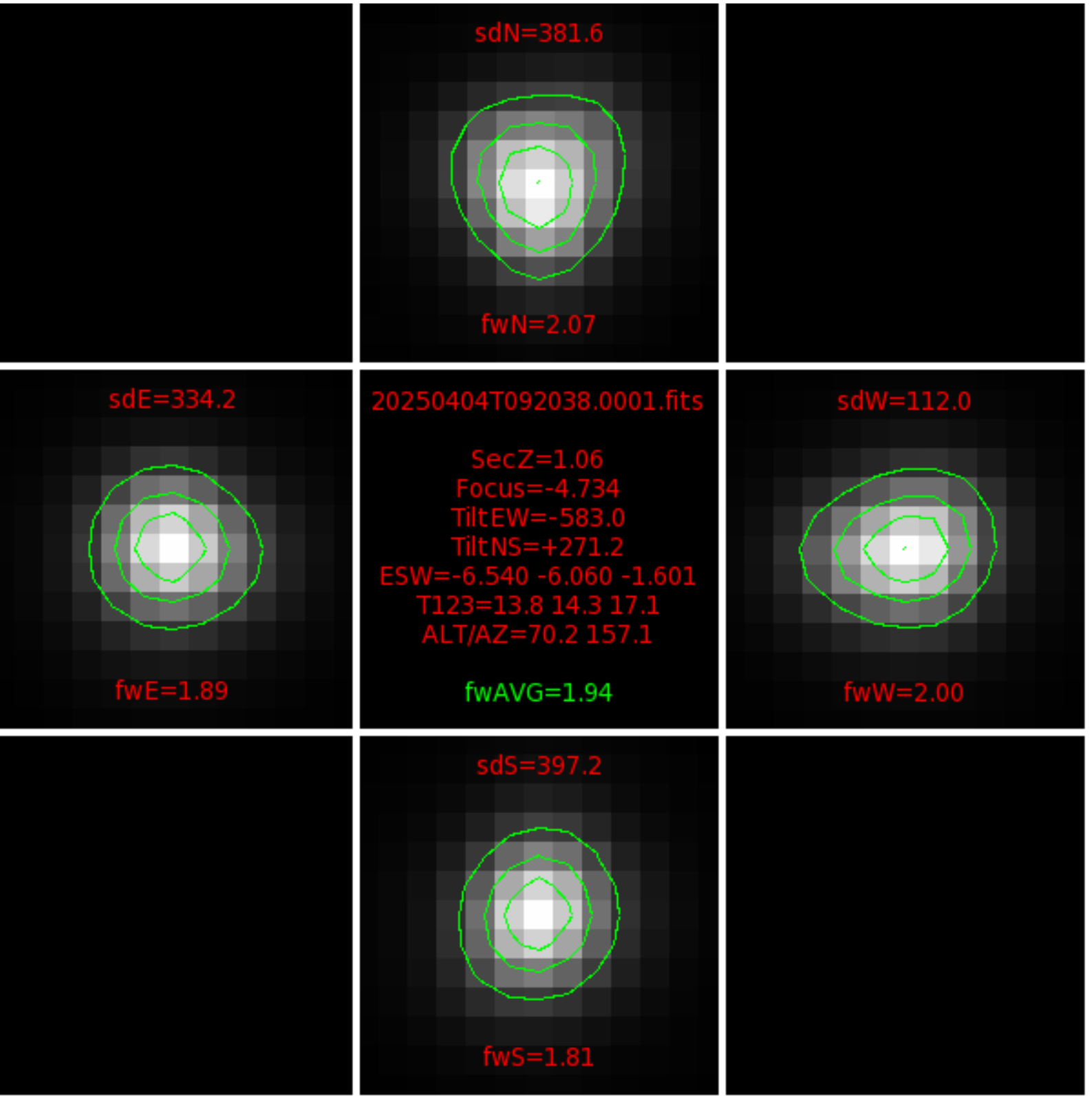
sdN=381.6
fwN=2.07
sdE=334.2
fwE=1.89
20250404T092038.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.3 17.1
ALT/AZ=70.2 157.1
fwAVG=1.94
sdW=112.0
fwW=2.00
sdS=397.2
fwS=1.81
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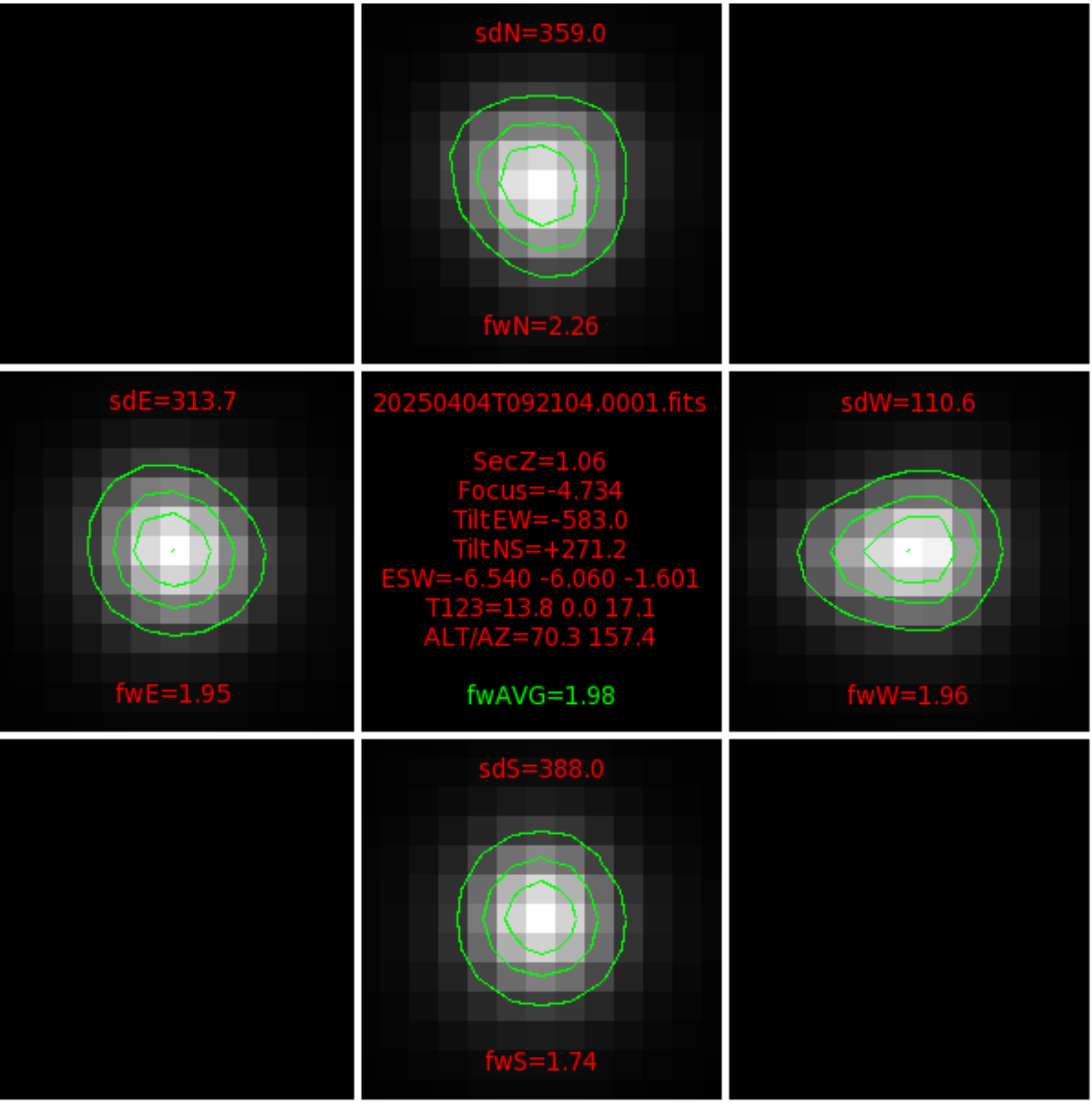
sdN=359.0
fwN=2.26
sdE=313.7
fwE=1.95
20250404T092104.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 0.0 17.1
ALT/AZ=70.3 157.4
fwAVG=1.98
sdW=110.6
fwW=1.96
sdS=388.0
fwS=1.74
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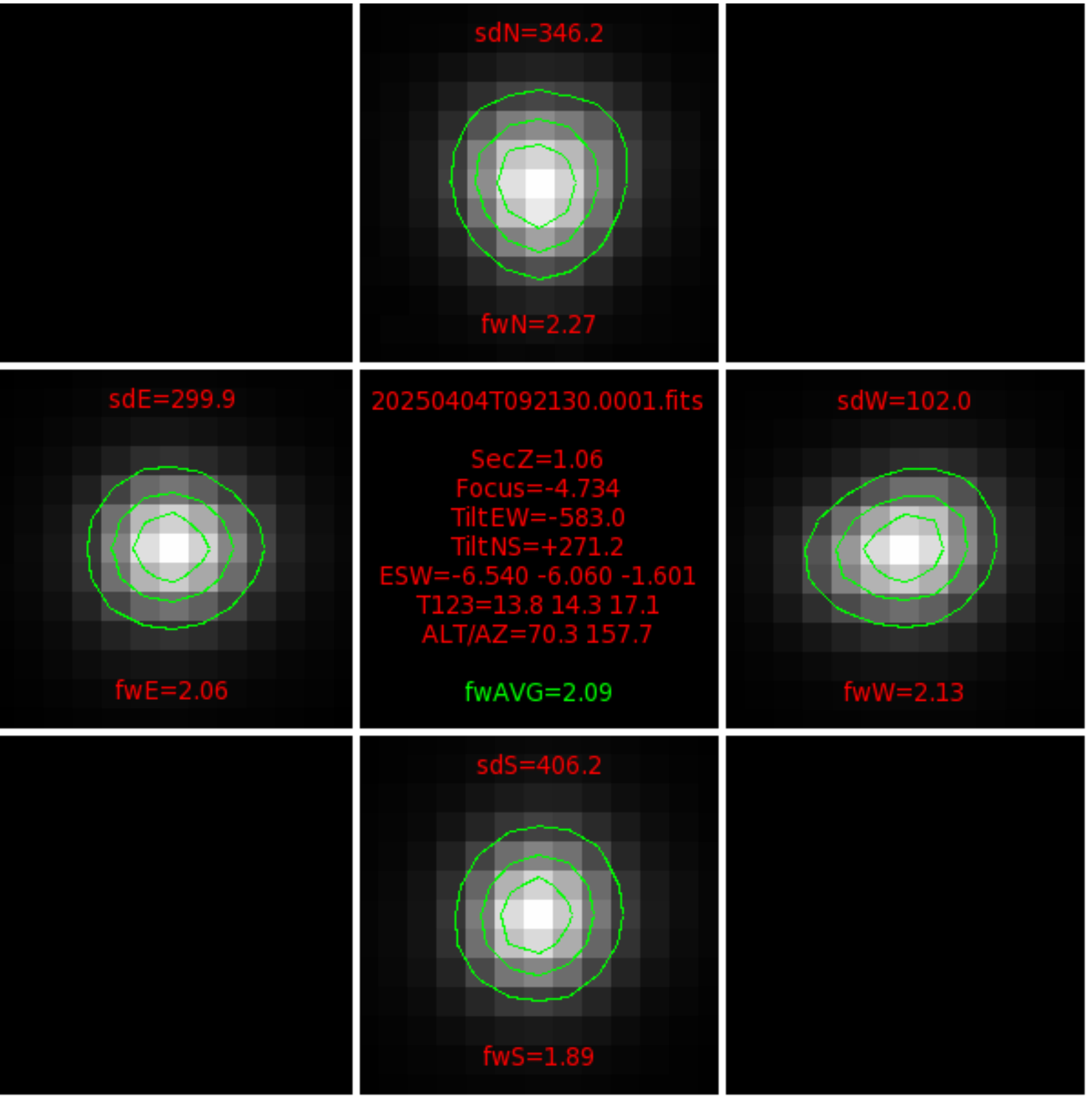
sdN=346.2
fwN=2.27
sdE=299.9
fwE=2.06
20250404T092130.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.3 17.1
ALT/AZ=70.3 157.7
fwAVG=2.09
sdW=102.0
fwW=2.13
sdS=406.2
fwS=1.89
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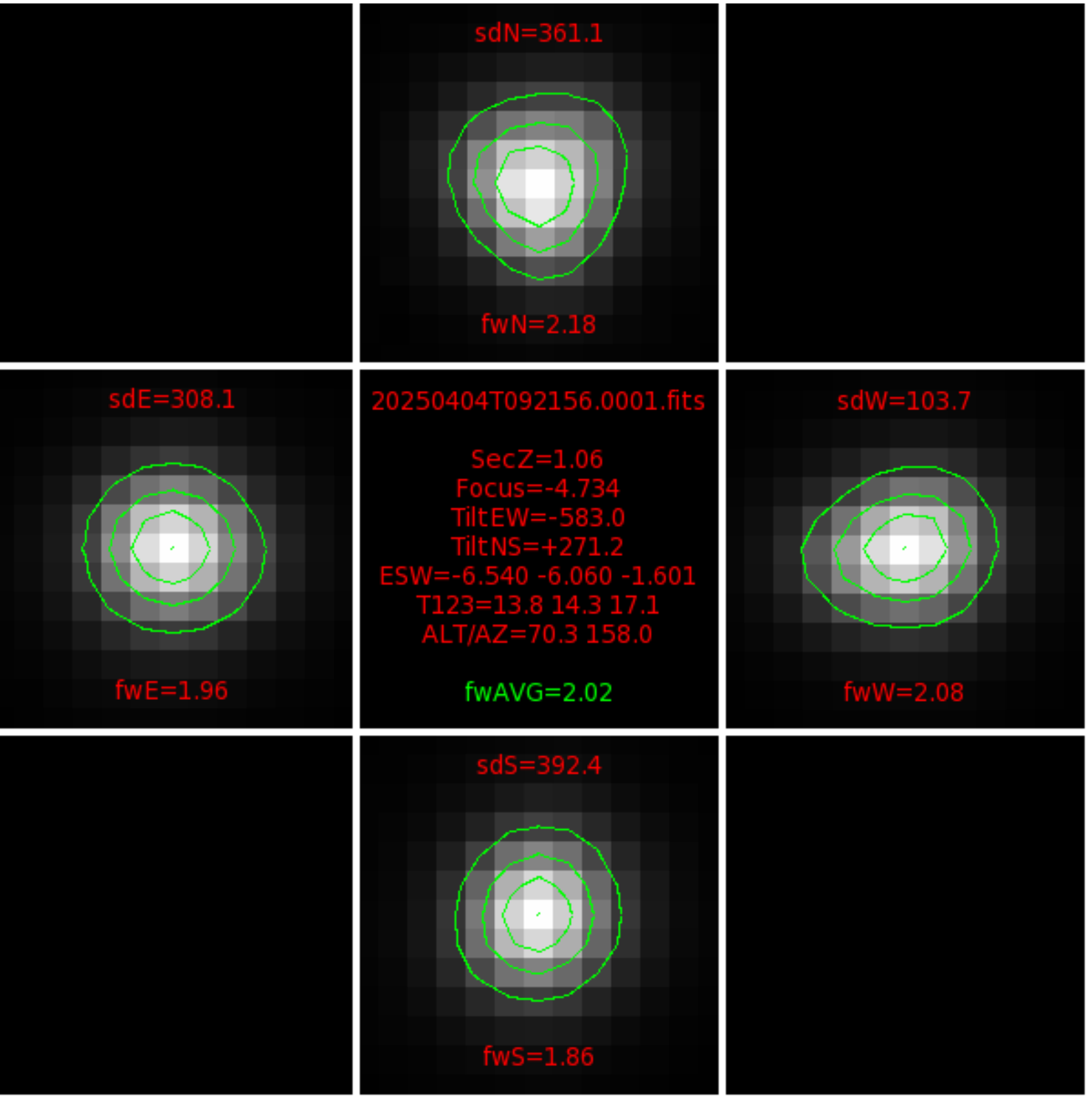
sdN=361.1
fwN=2.18
sdE=308.1
fwE=1.96
20250404T092156.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.3 17.1
ALT/AZ=70.3 158.0
fwAVG=2.02
sdW=103.7
fwW=2.08
sdS=392.4
fwS=1.86
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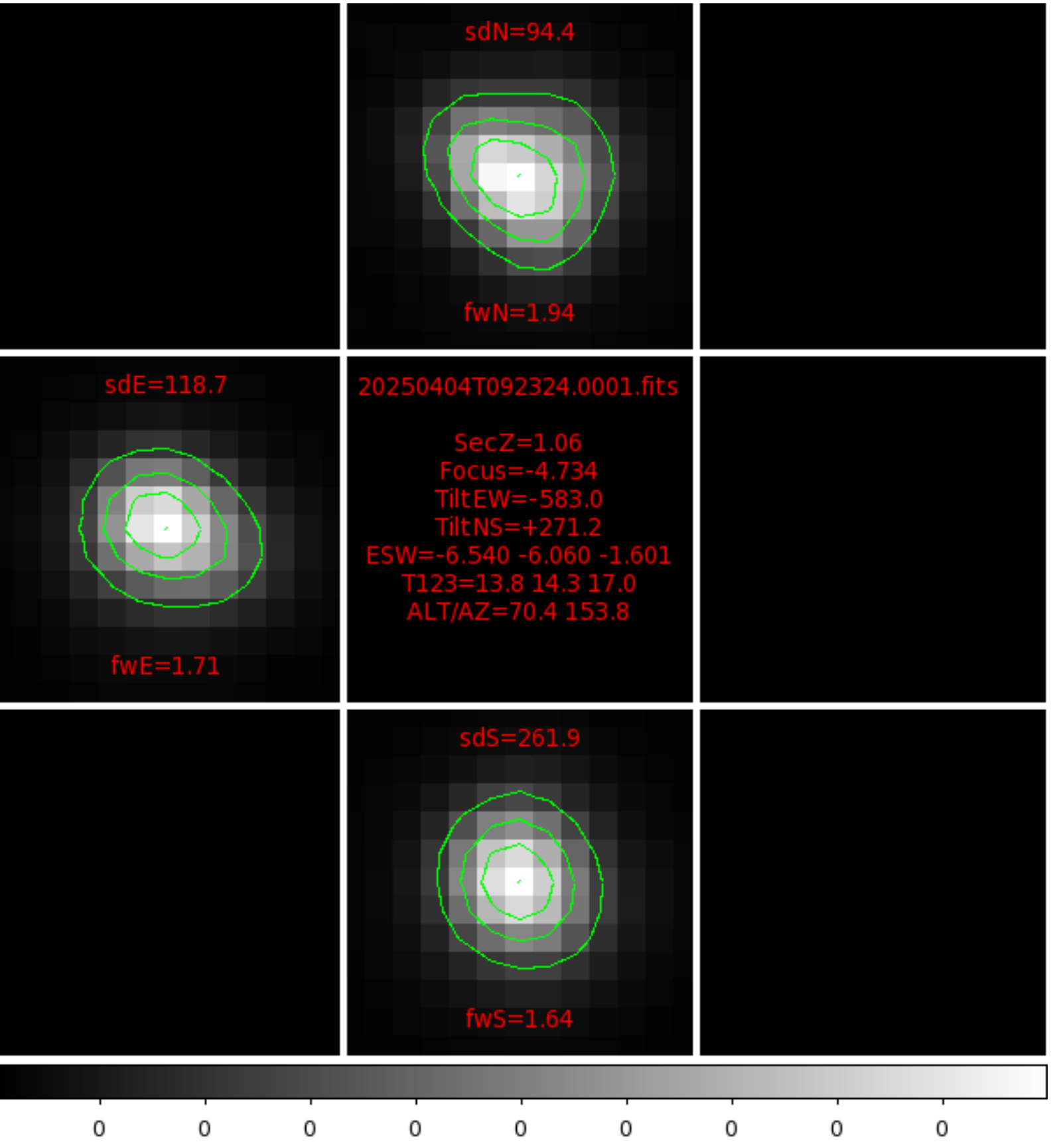
sdN=94.4
fwN=1.94
sdE=118.7
fwE=1.71
20250404T092324.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.3 17.0
ALT/AZ=70.4 153.8
sdS=261.9
fwS=1.64
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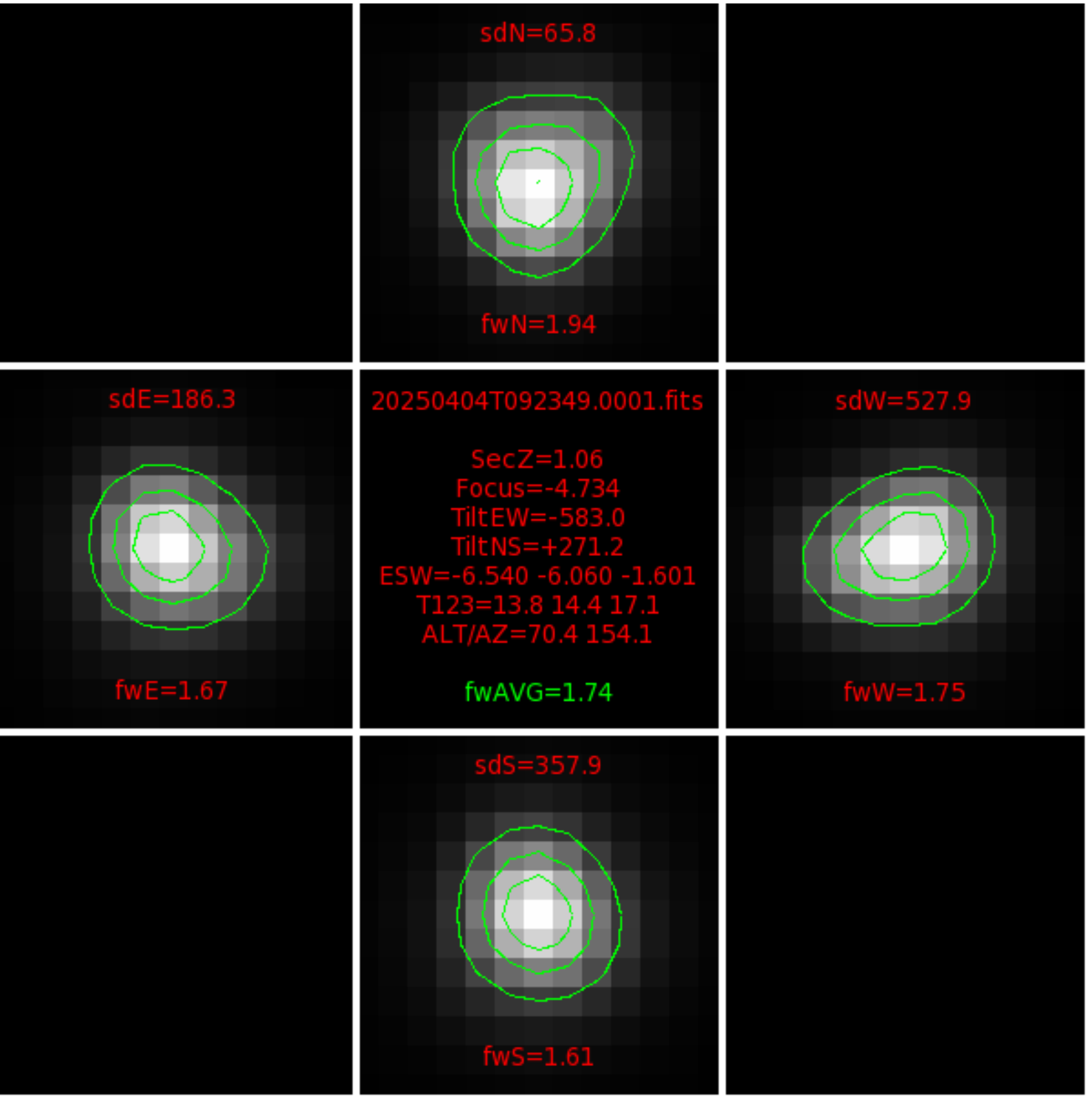
sdN=65.8
fwN=1.94
sdE=186.3
fwE=1.67
20250404T092349.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.4 17.1
ALT/AZ=70.4 154.1
fwAVG=1.74
sdW=527.9
fwW=1.75
sdS=357.9
fwS=1.61
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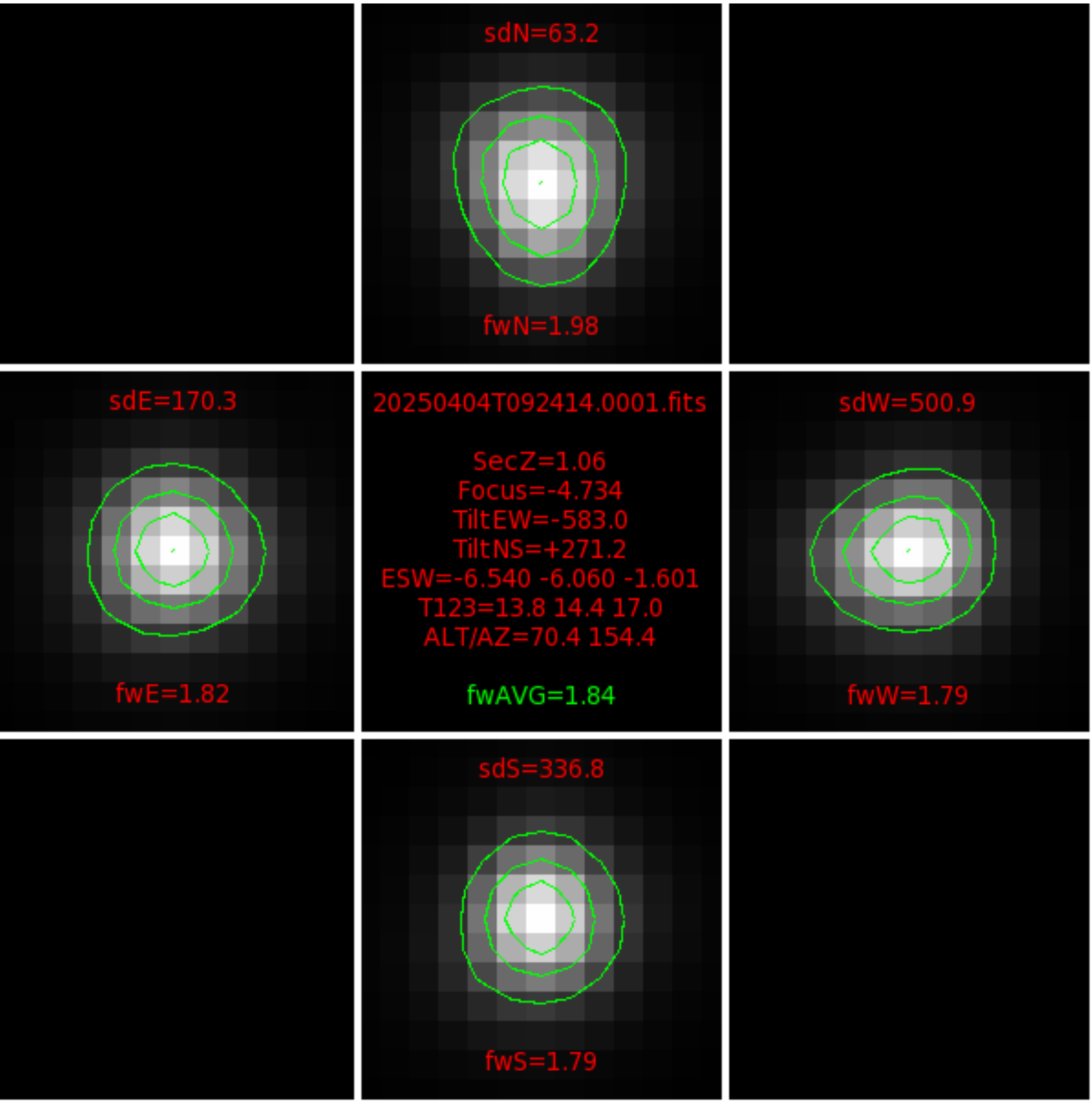
sdN=63.2
fwN=1.98
sdE=170.3
fwE=1.82
20250404T092414.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.4 17.0
ALT/AZ=70.4 154.4
fwAVG=1.84
sdW=500.9
fwW=1.79
sdS=336.8
fwS=1.79
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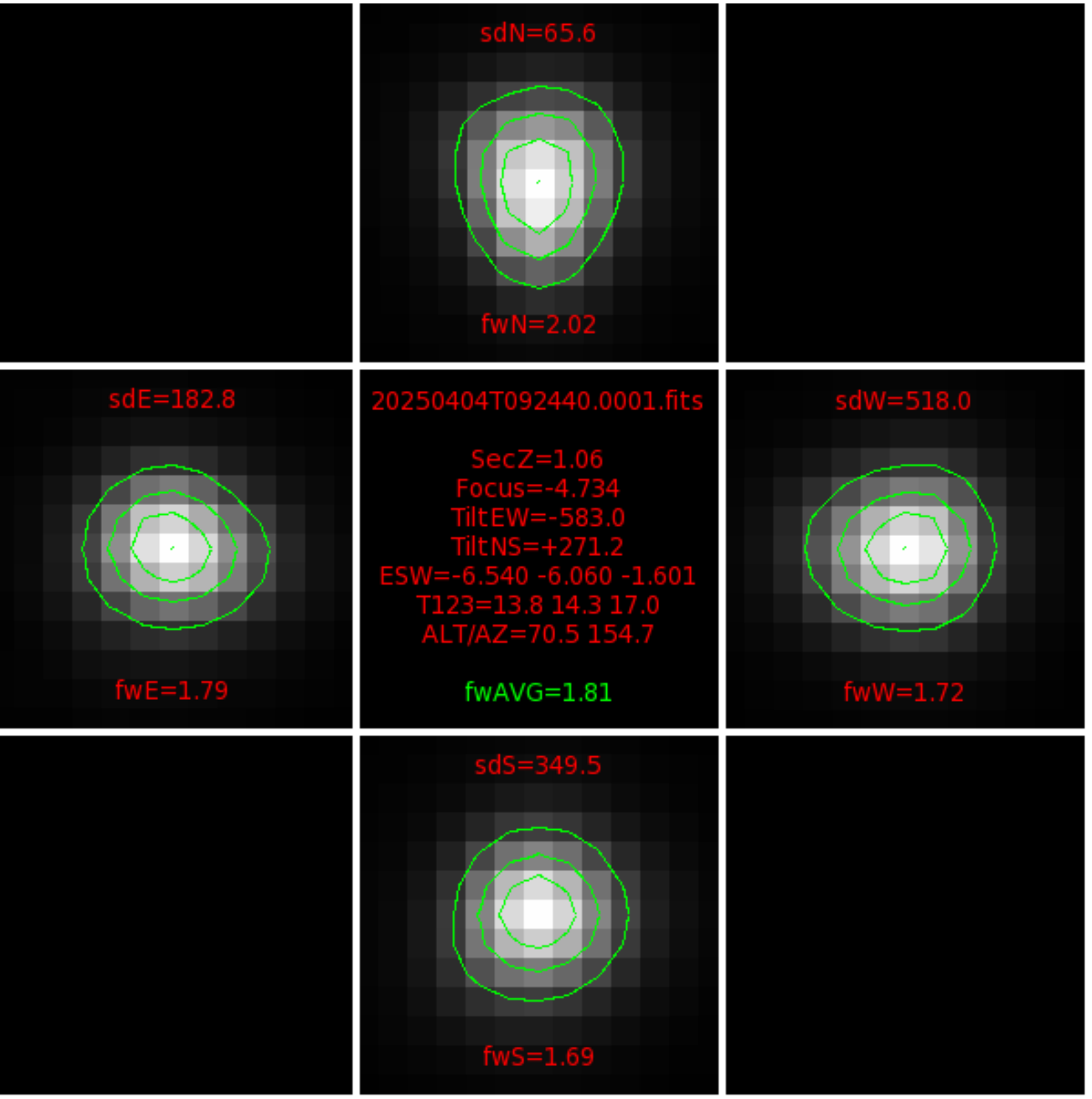
sdN=65.6
fwN=2.02
sdE=182.8
fwE=1.79
20250404T092440.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.3 17.0
ALT/AZ=70.5 154.7
fwAVG=1.81
sdW=518.0
fwW=1.72
sdS=349.5
fwS=1.69
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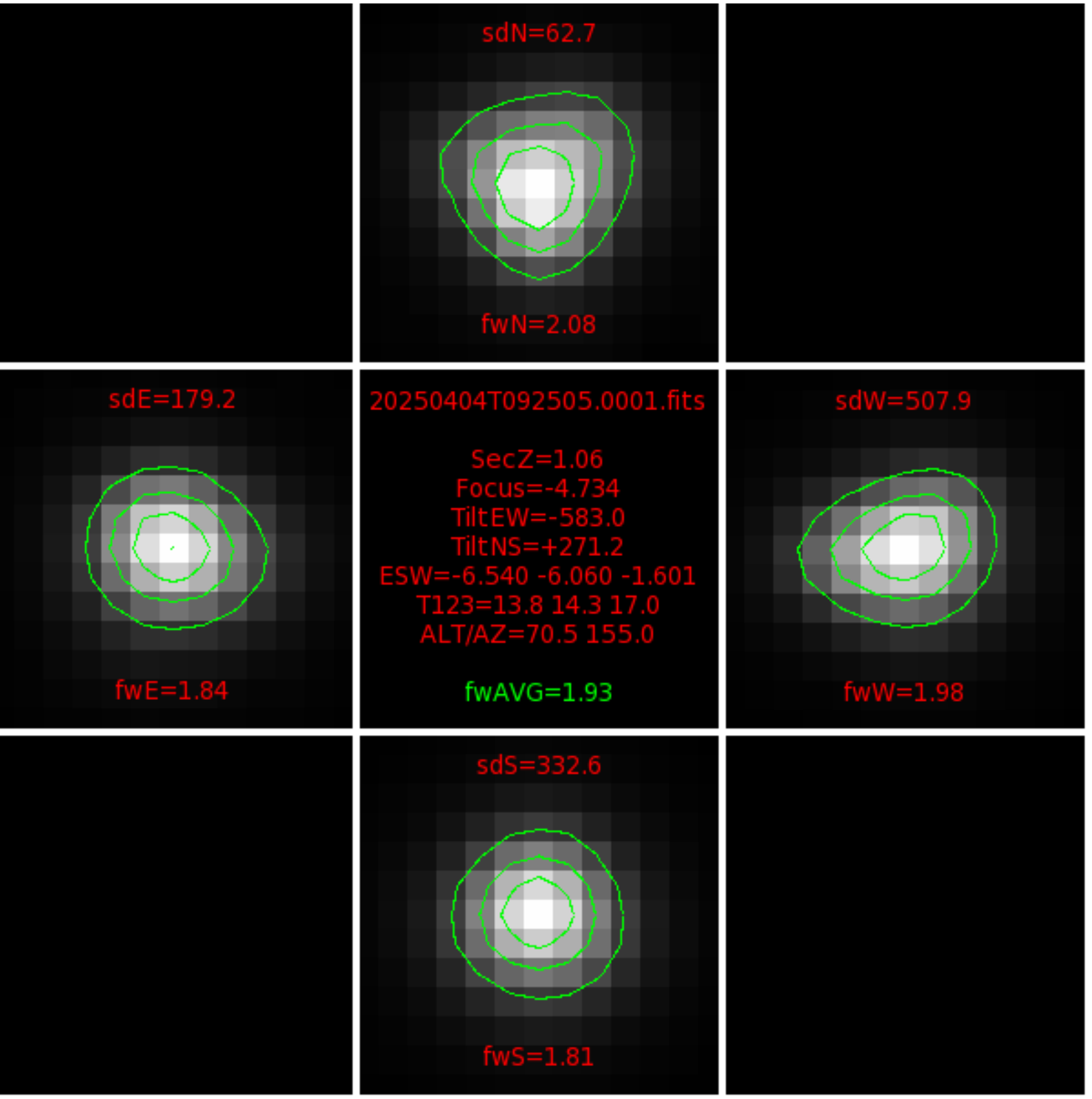
sdN=62.7
fwN=2.08
sdE=179.2
fwE=1.84
20250404T092505.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.3 17.0
ALT/AZ=70.5 155.0
fwAVG=1.93
sdW=507.9
fwW=1.98
sdS=332.6
fwS=1.81
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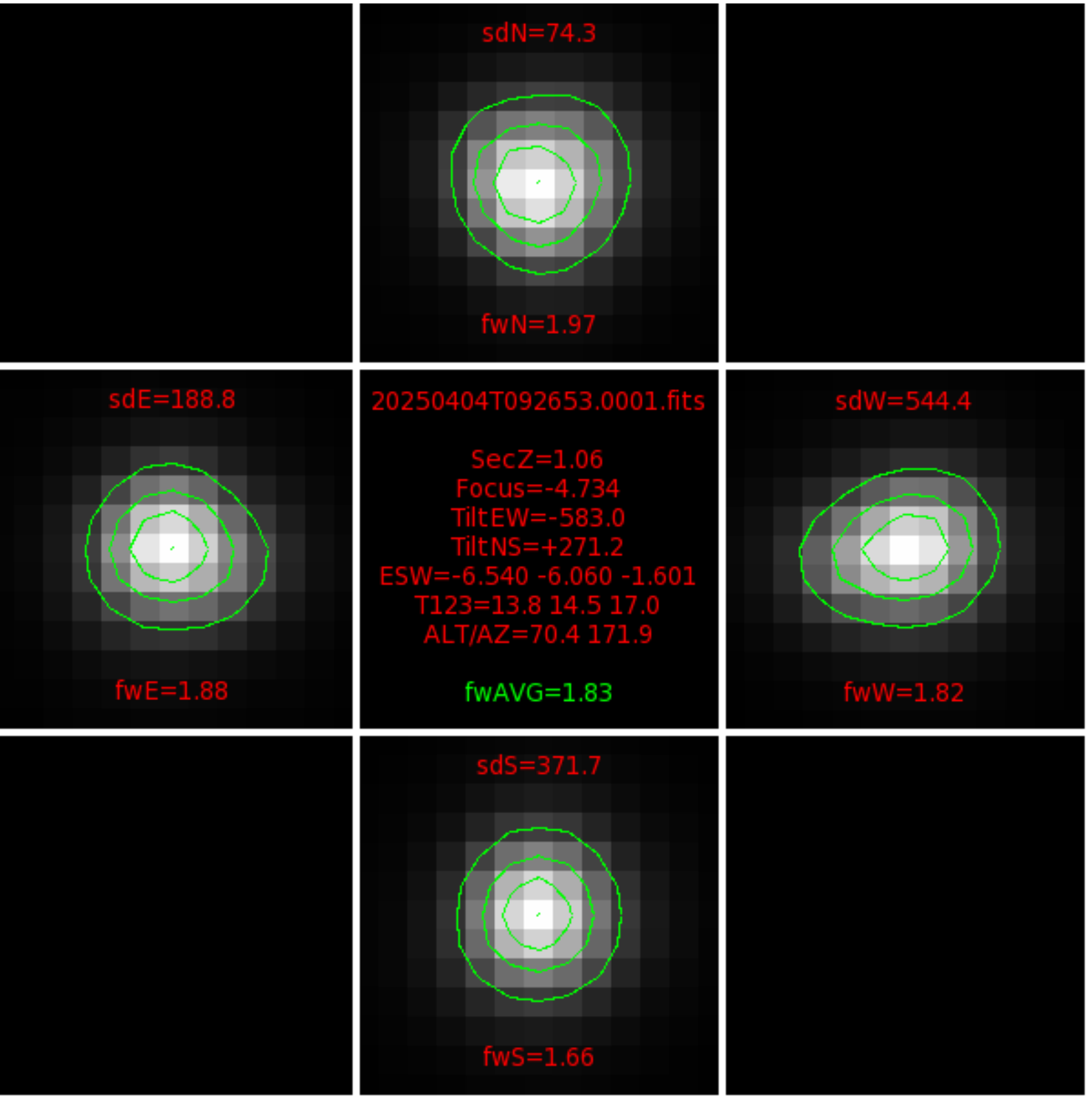
sdN=74.3
fwN=1.97
sdE=188.8
fwE=1.88
20250404T092653.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.5 17.0
ALT/AZ=70.4 171.9
fwAVG=1.83
sdW=544.4
fwW=1.82
sdS=371.7
fwS=1.66
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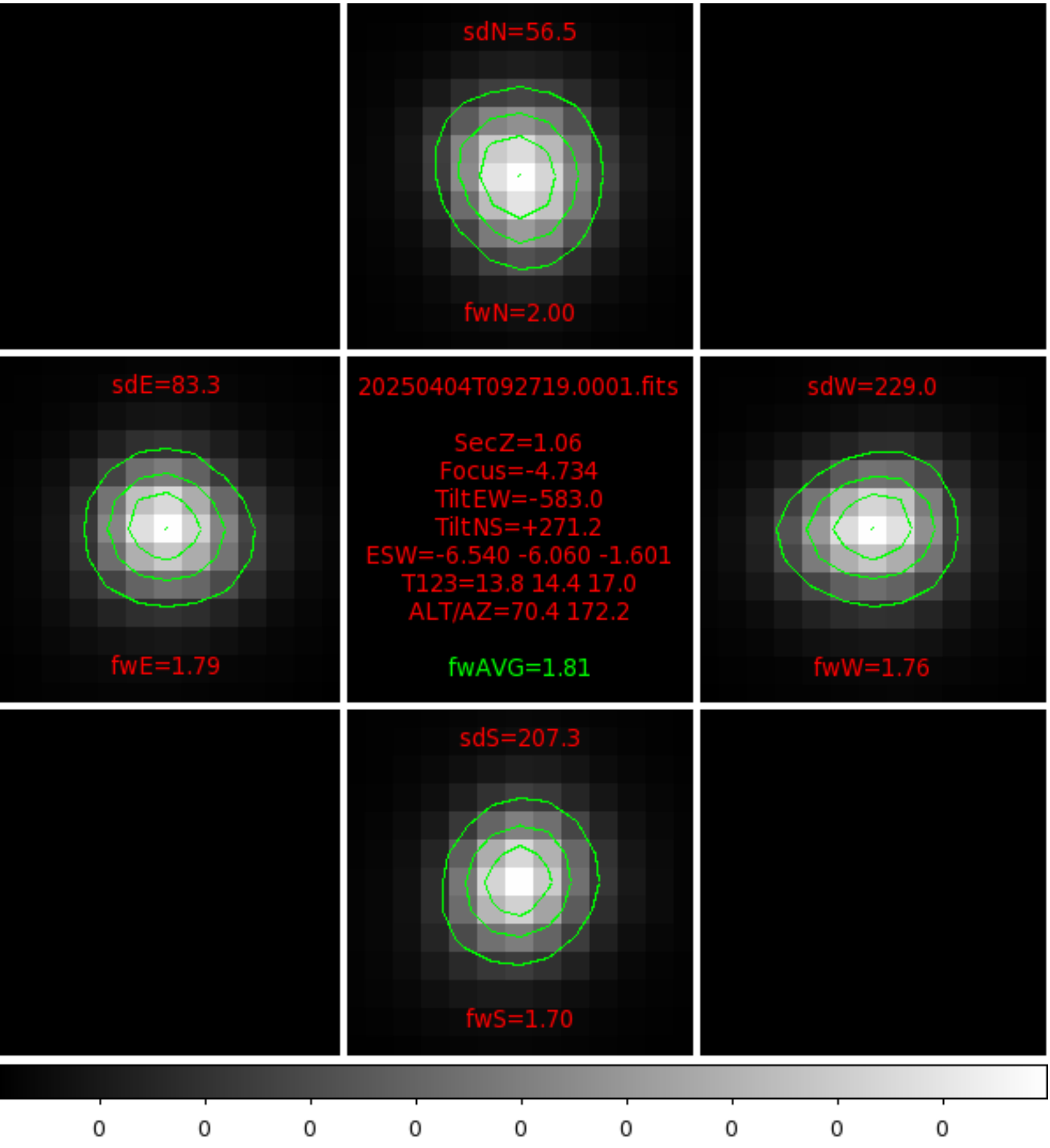
sdN=56.5
fwN=2.00
sdE=83.3
fwE=1.79
20250404T092719.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.4 17.0
ALT/AZ=70.4 172.2
fwAVG=1.81
sdW=229.0
fwW=1.76
sdS=207.3
fwS=1.70
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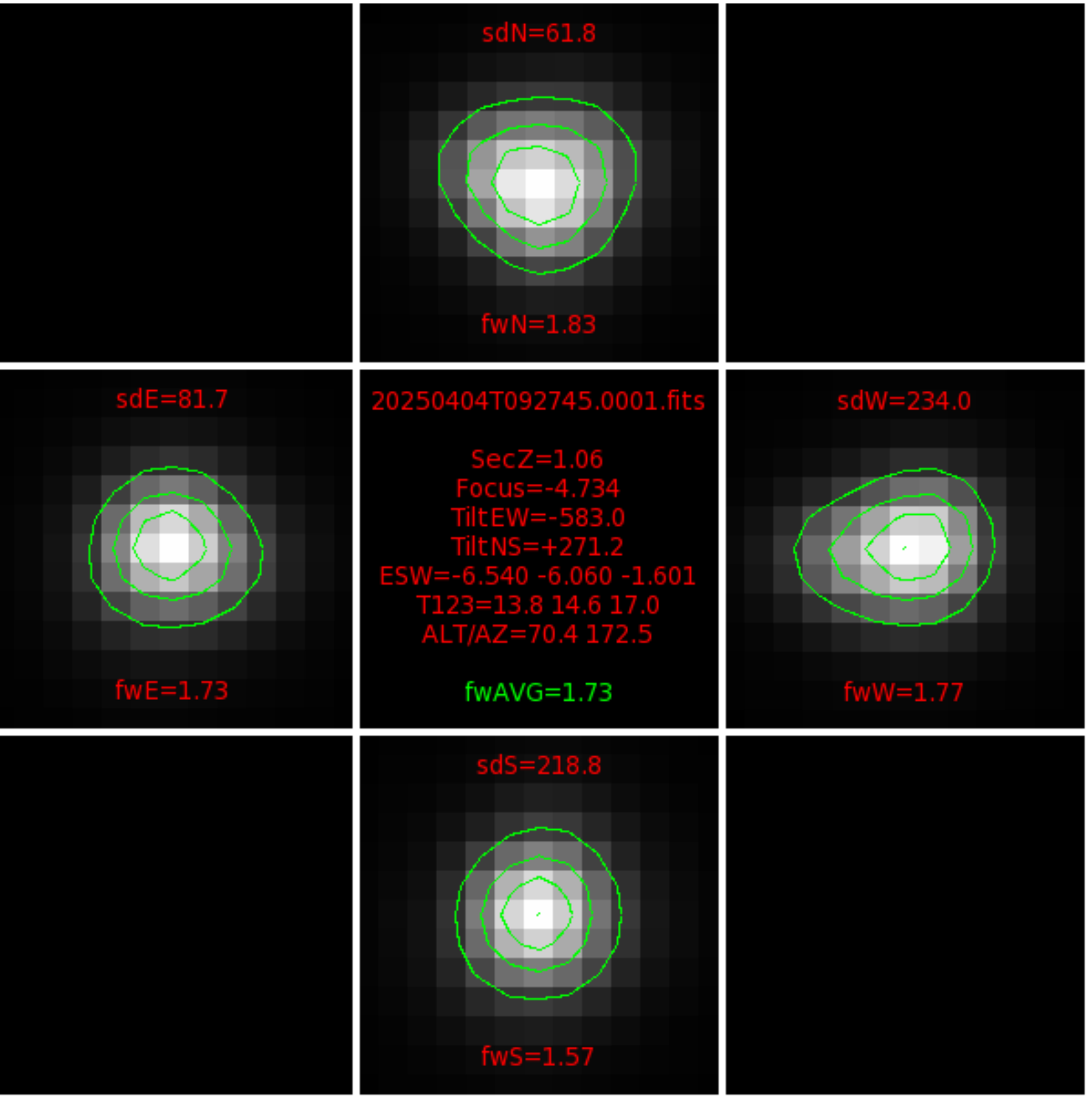
sdN=61.8
fwN=1.83
sdE=81.7
fwE=1.73
20250404T092745.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.6 17.0
ALT/AZ=70.4 172.5
fwAVG=1.73
sdW=234.0
fwW=1.77
sdS=218.8
fwS=1.57
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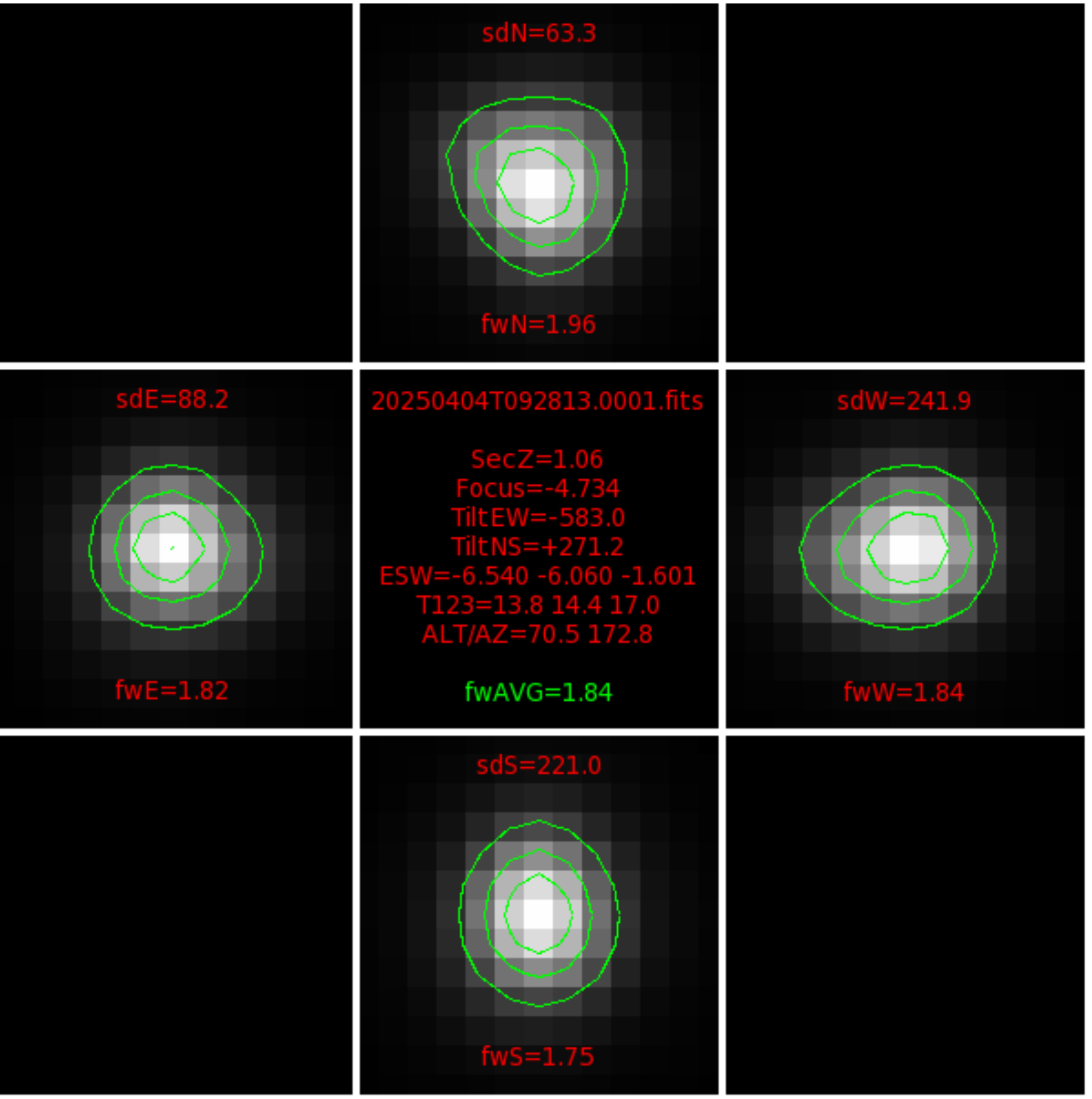
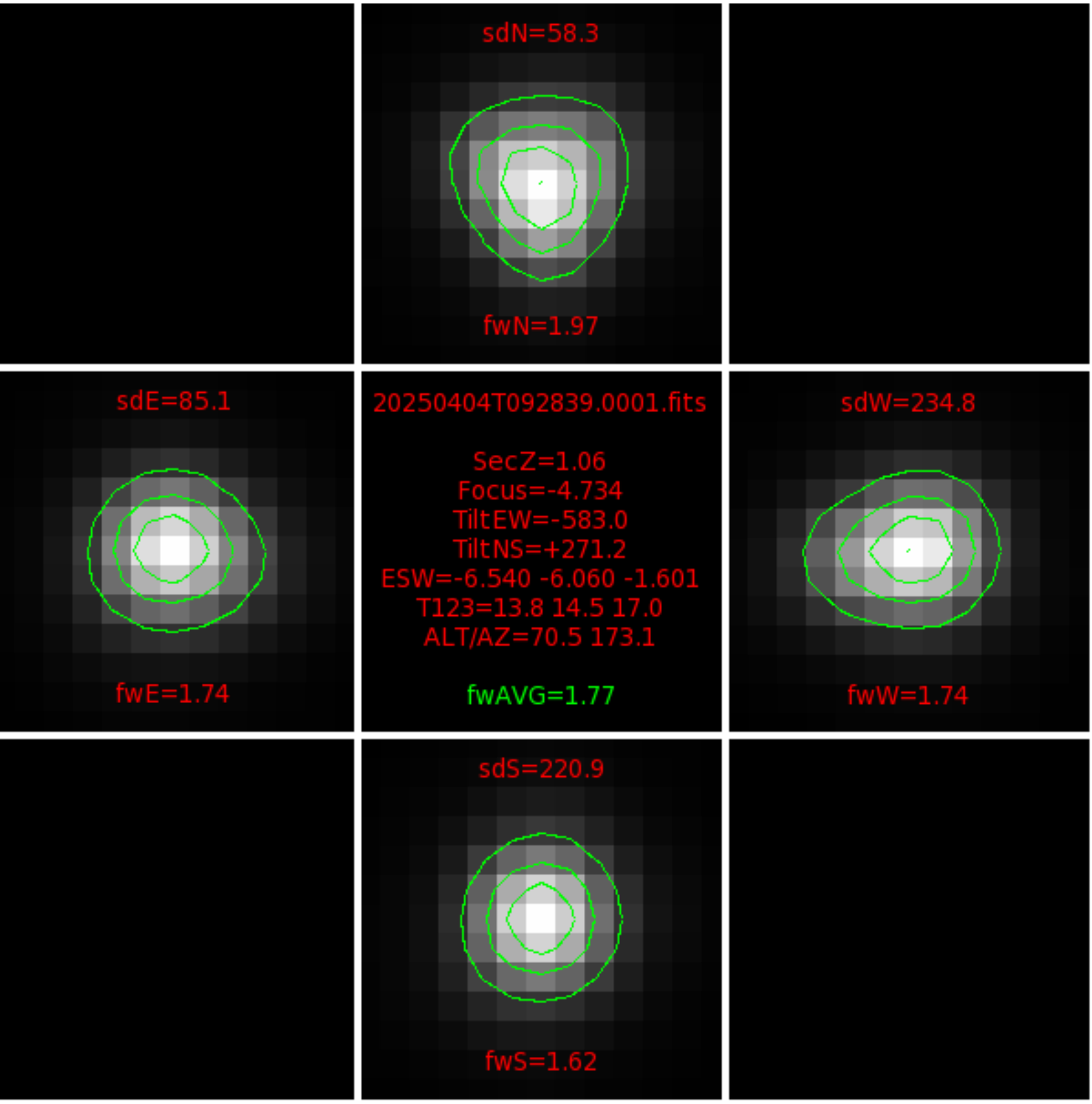

sdN=63.3
fwN=1.96
sdE=88.2
fwE=1.82
20250404T092813.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.4 17.0
ALT/AZ=70.5 172.8
fwAVG=1.84
sdW=241.9
fwW=1.84
sdS=221.0
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=58.3
fwN=1.97
sdE=85.1
fwE=1.74
20250404T092839.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.5 17.0
ALT/AZ=70.5 173.1
fwAVG=1.77
sdW=234.8
fwW=1.74
sdS=220.9
fwS=1.62
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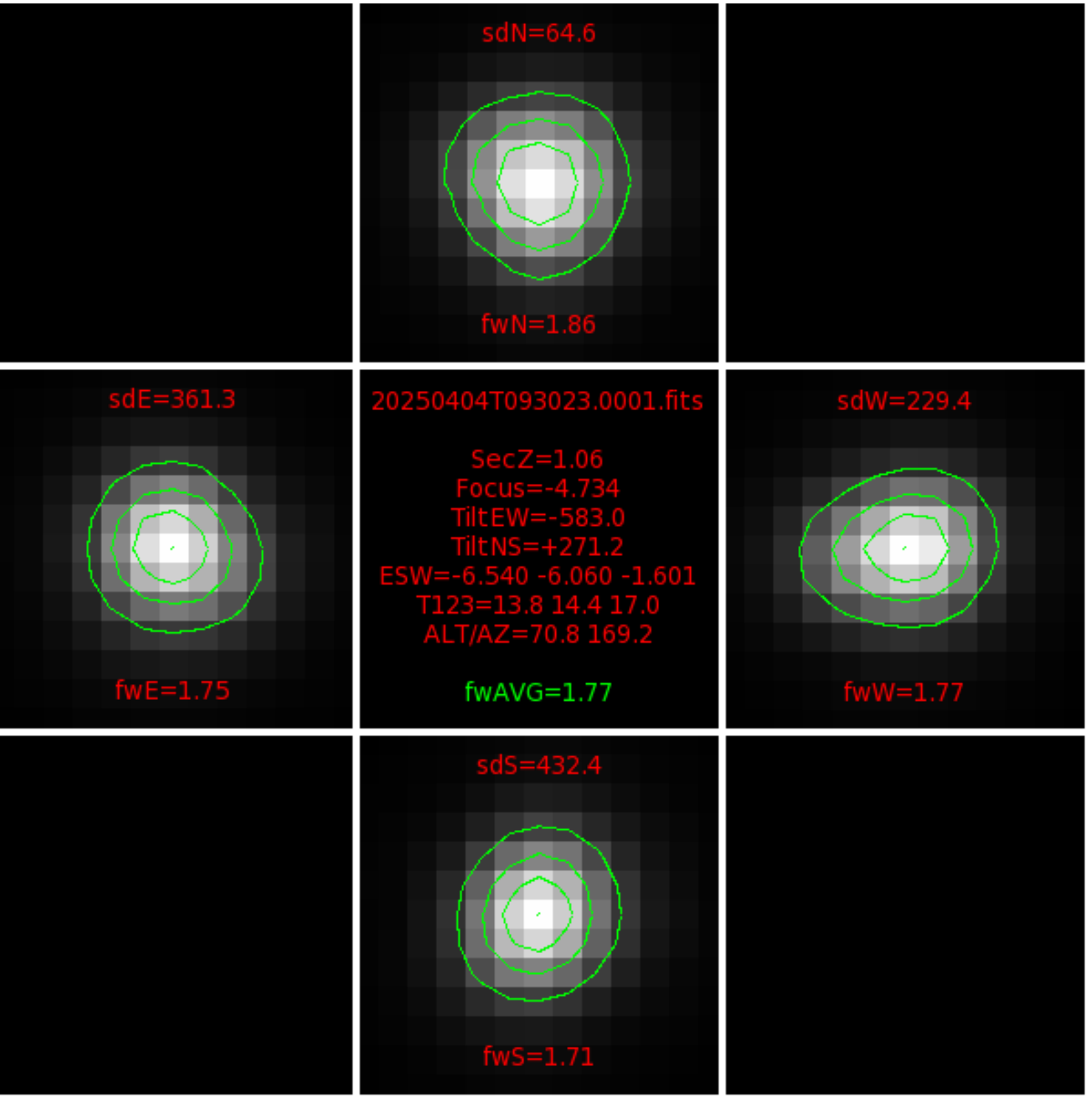
sdN=64.6
fwN=1.86
sdE=361.3
fwE=1.75
20250404T093023.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.4 17.0
ALT/AZ=70.8 169.2
fwAVG=1.77
sdW=229.4
fwW=1.77
sdS=432.4
fwS=1.71
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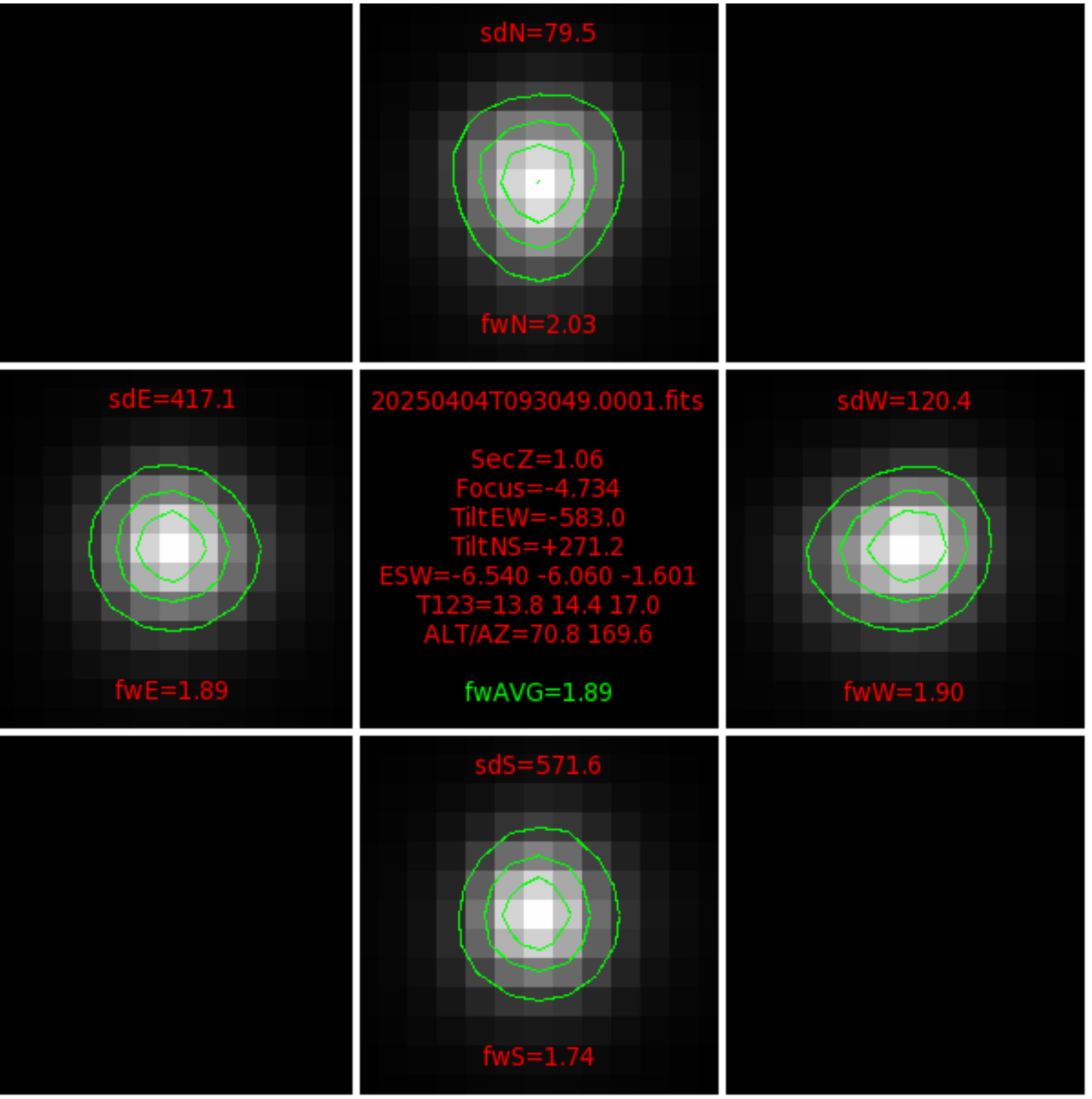
sdN=79.5
fwN=2.03
sdE=417.1
fwE=1.89
20250404T093049.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.4 17.0
ALT/AZ=70.8 169.6
fwAVG=1.89
sdW=120.4
fwW=1.90
sdS=571.6
fwS=1.74
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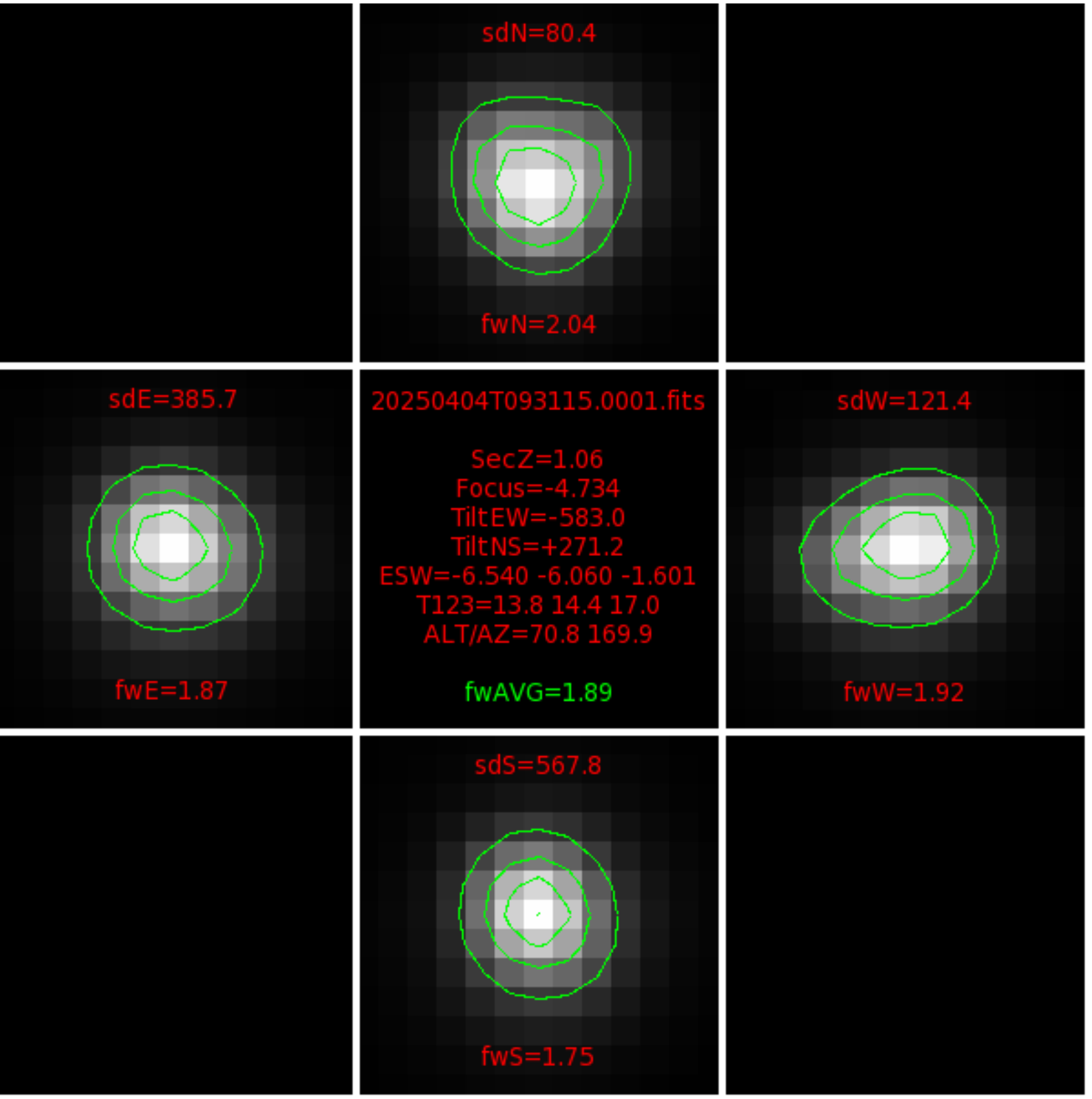
sdN=80.4
fwN=2.04
sdE=385.7
fwE=1.87
20250404T093115.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.4 17.0
ALT/AZ=70.8 169.9
fwAVG=1.89
sdW=121.4
fwW=1.92
sdS=567.8
fwS=1.75
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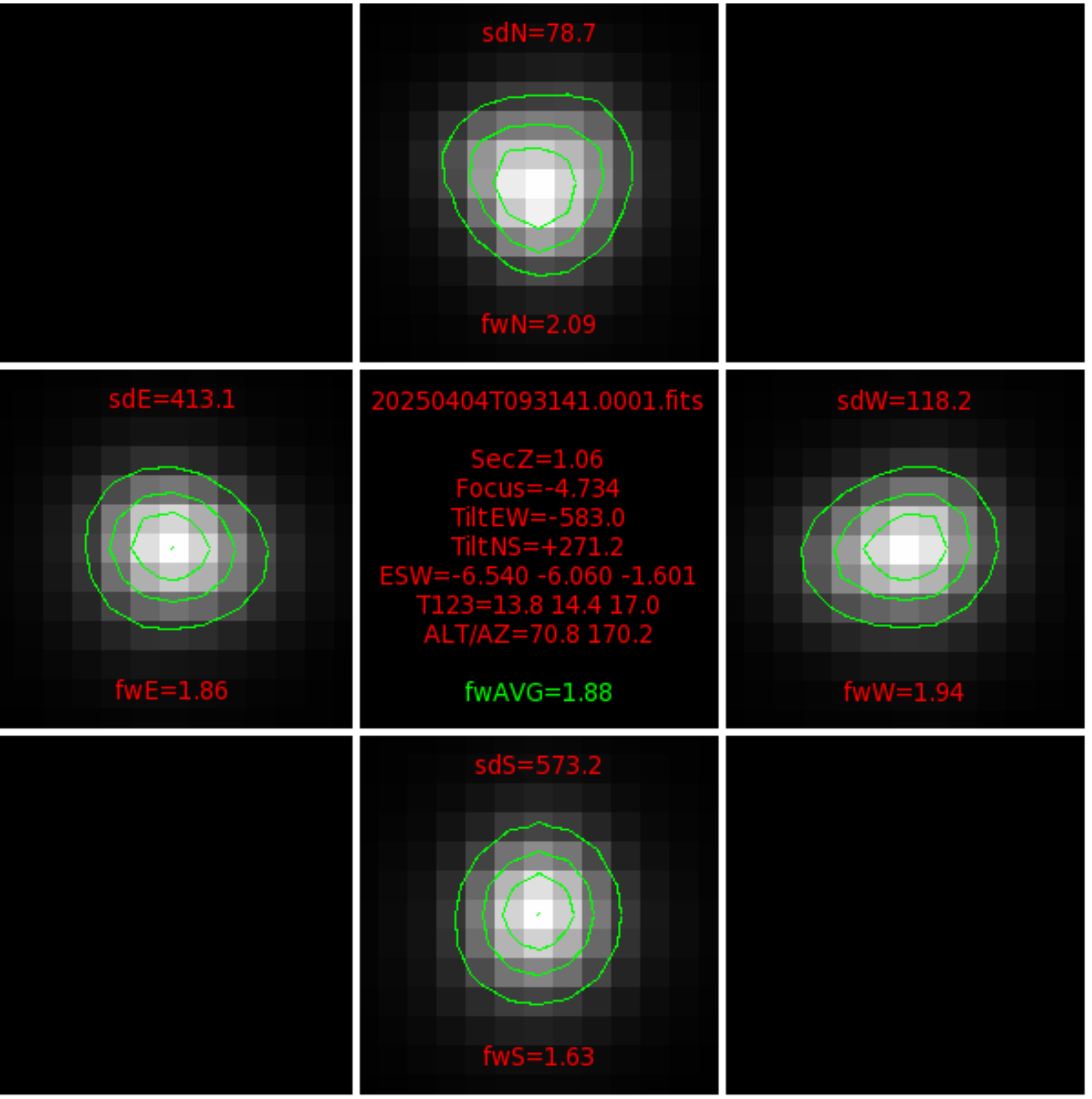
sdN=78.7
fwN=2.09
sdE=413.1
fwE=1.86
20250404T093141.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.4 17.0
ALT/AZ=70.8 170.2
fwAVG=1.88
sdW=118.2
fwW=1.94
sdS=573.2
fwS=1.63
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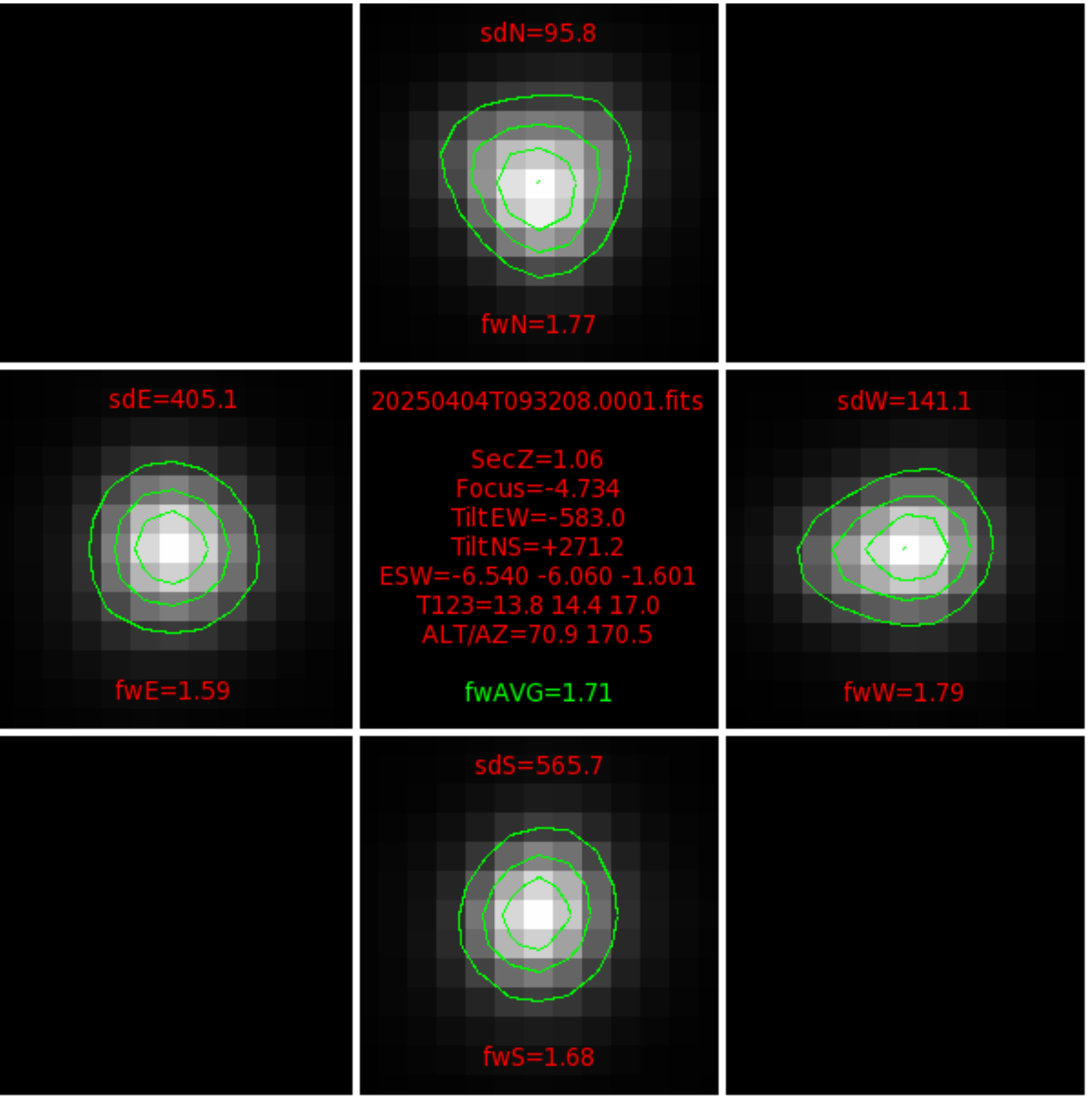
sdN=95.8
fwN=1.77
sdE=405.1
fwE=1.59
20250404T093208.0001.fits
SecZ=1.06
Focus=-4.734
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.540 -6.060 -1.601
T123=13.8 14.4 17.0
ALT/AZ=70.9 170.5
fwAVG=1.71
sdW=141.1
fwW=1.79
sdS=565.7
fwS=1.68
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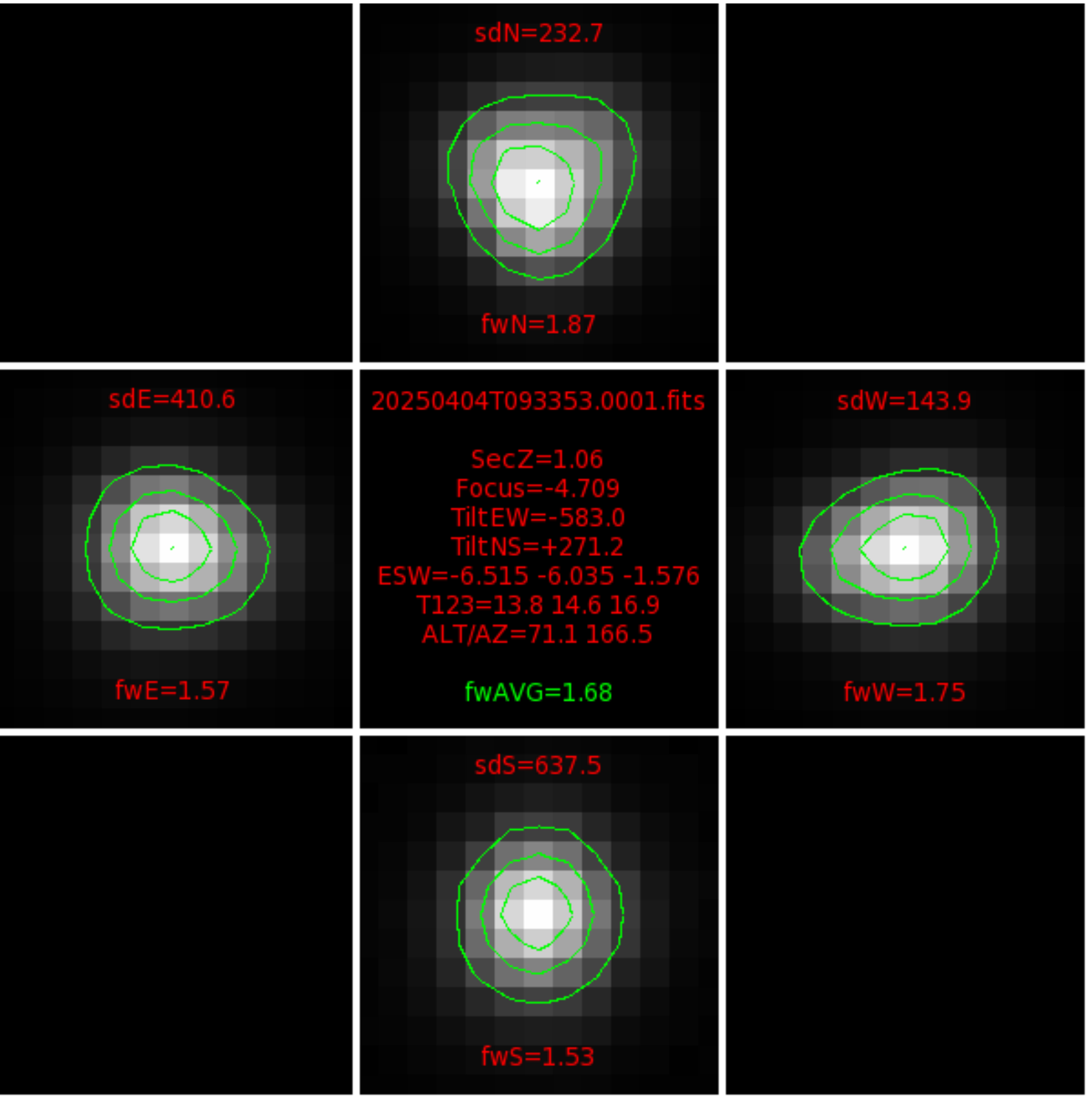
sdN=232.7
fwN=1.87
sdE=410.6
fwE=1.57
20250404T093353.0001.fits
SecZ=1.06
Focus=-4.709
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.515 -6.035 -1.576
T123=13.8 14.6 16.9
ALT/AZ=71.1 166.5
fwAVG=1.68
sdW=143.9
fwW=1.75
sdS=637.5
fwS=1.53
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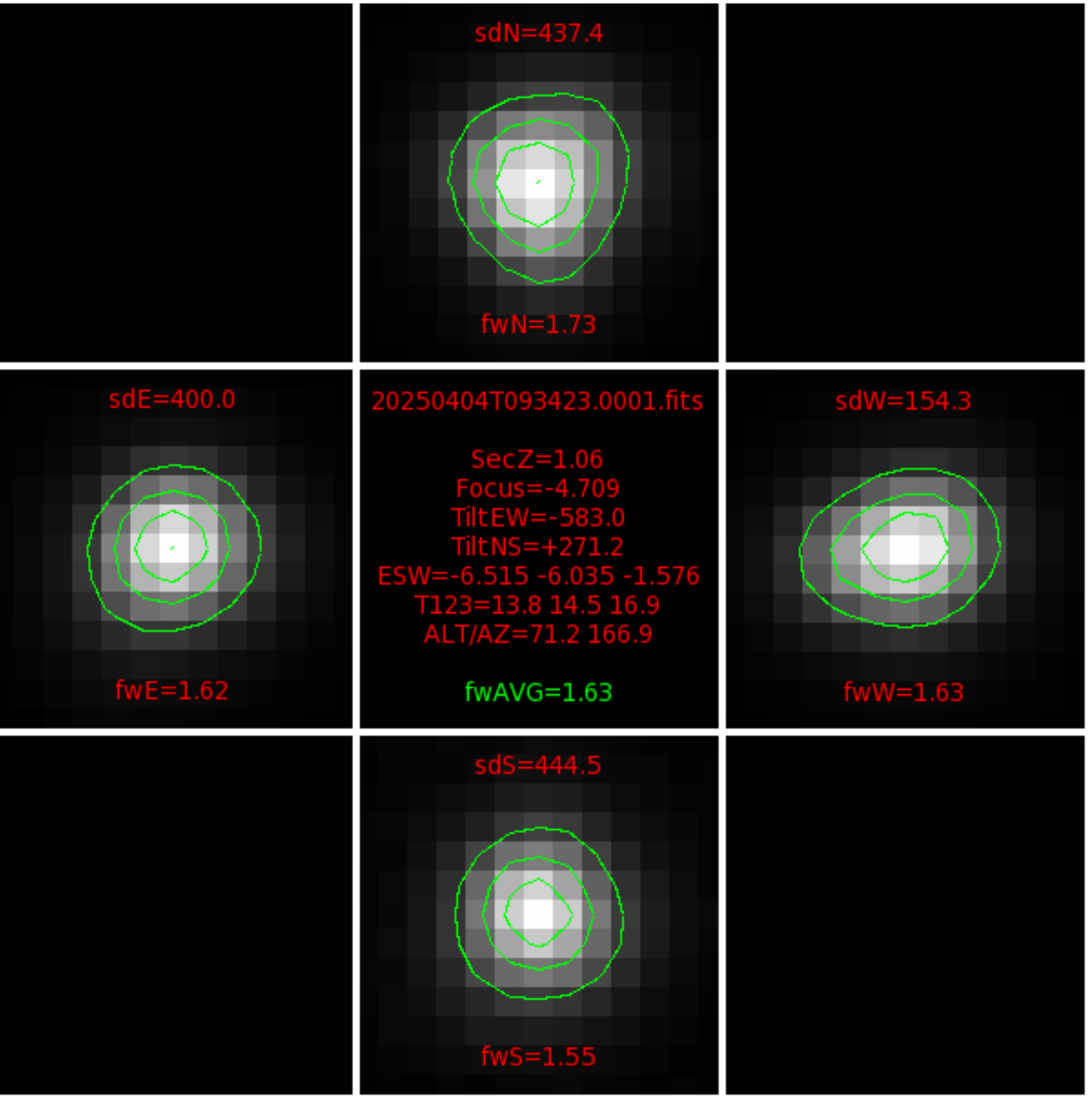
sdN=437.4
fwN=1.73
sdE=400.0
fwE=1.62
20250404T093423.0001.fits
SecZ=1.06
Focus=-4.709
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.515 -6.035 -1.576
T123=13.8 14.5 16.9
ALT/AZ=71.2 166.9
fwAVG=1.63
sdW=154.3
fwW=1.63
sdS=444.5
fwS=1.55
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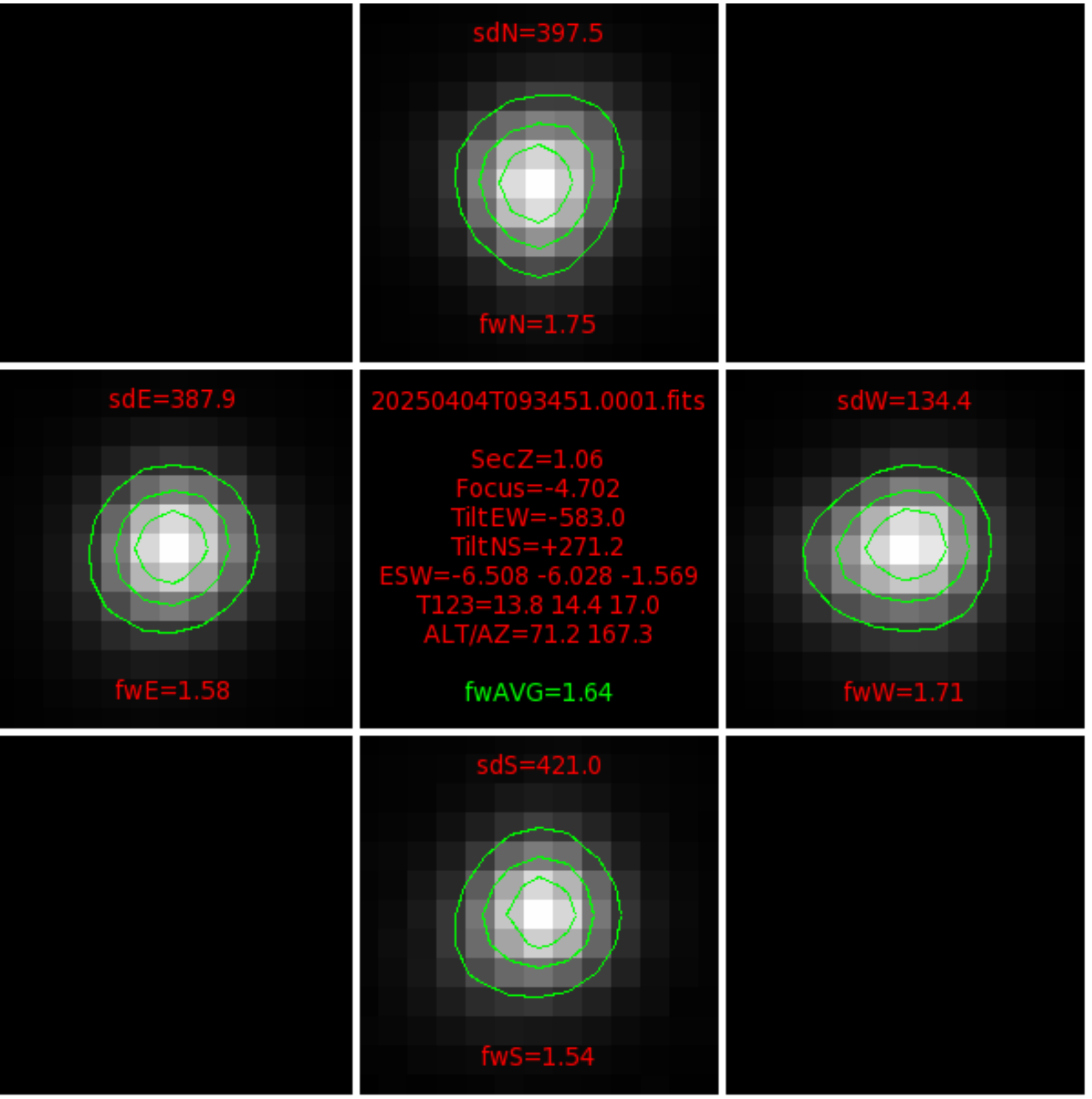
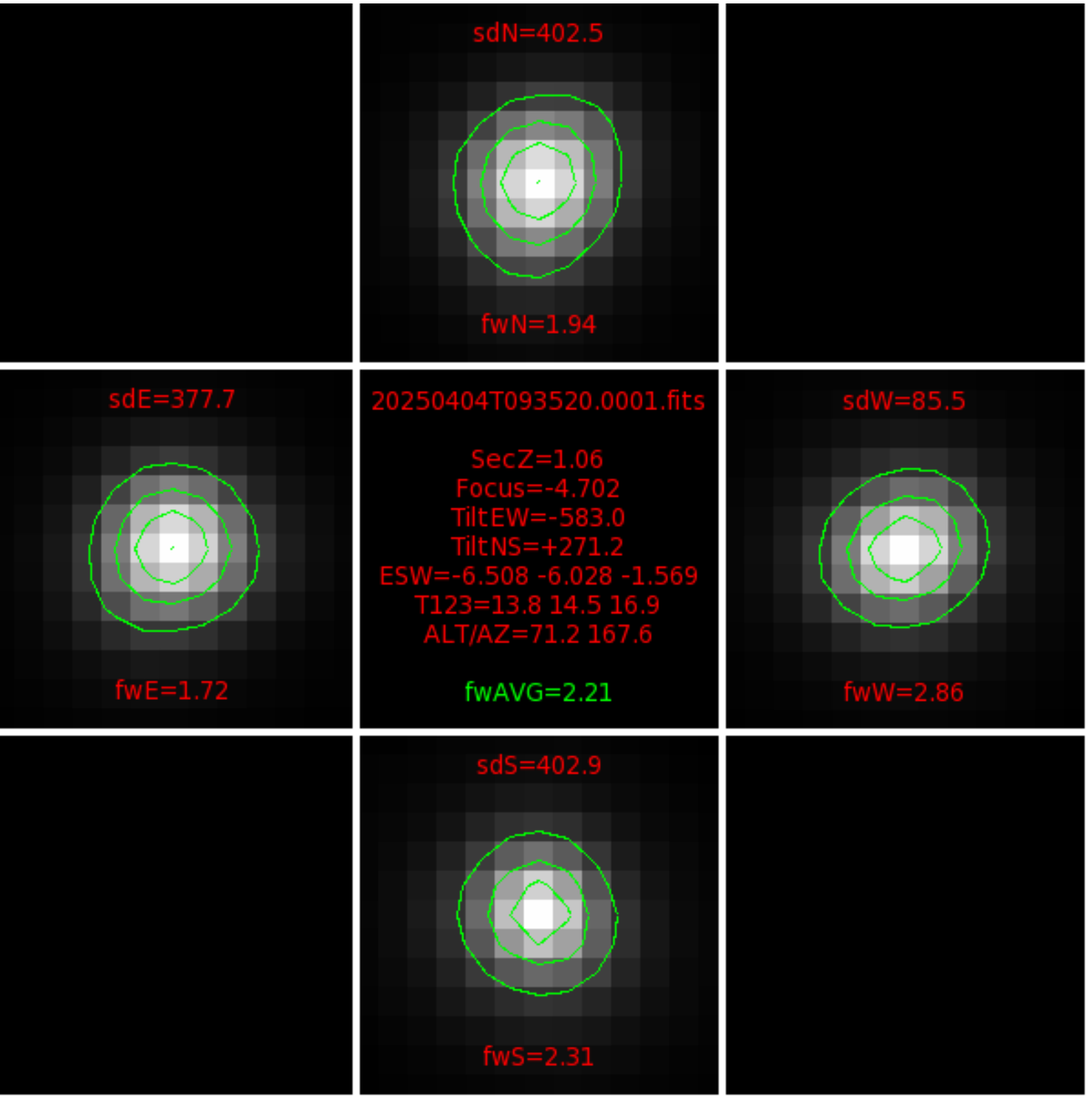
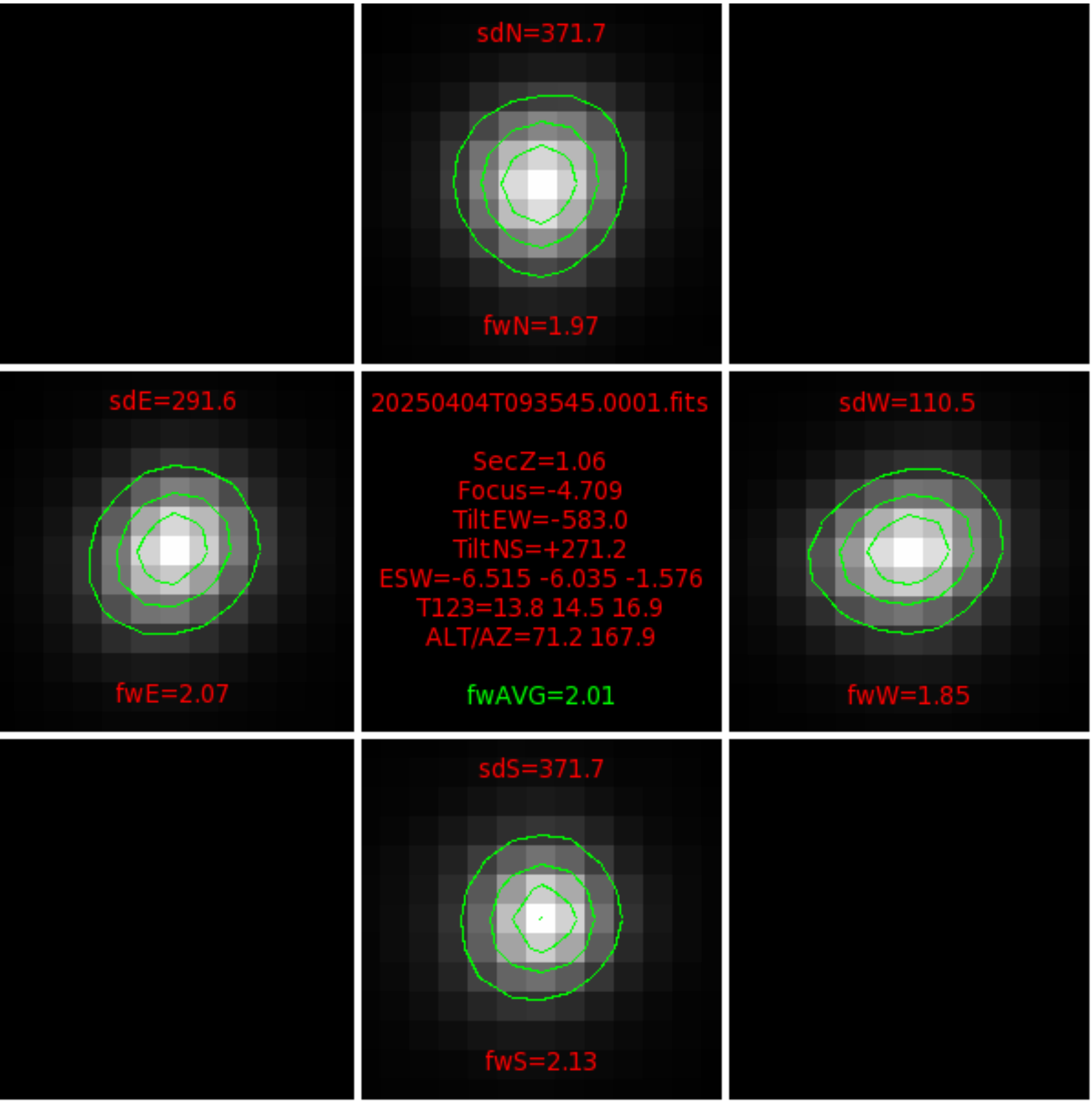

sdN=397.5
fwN=1.75
sdE=387.9
fwE=1.58
20250404T093451.0001.fits
SecZ=1.06
Focus=-4.702
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.508 -6.028 -1.569
T123=13.8 14.4 17.0
ALT/AZ=71.2 167.3
fwAVG=1.64
sdW=134.4
fwW=1.71
sdS=421.0
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=402.5
fwN=1.94
sdE=377.7
fwE=1.72
20250404T093520.0001.fits
SecZ=1.06
Focus=-4.702
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.508 -6.028 -1.569
T123=13.8 14.5 16.9
ALT/AZ=71.2 167.6
fwAVG=2.21
sdW=85.5
fwW=2.86
sdS=402.9
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=371.7
fwN=1.97
sdE=291.6
fwE=2.07
20250404T093545.0001.fits
SecZ=1.06
Focus=-4.709
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.515 -6.035 -1.576
T123=13.8 14.5 16.9
ALT/AZ=71.2 167.9
fwAVG=2.01
sdW=110.5
fwW=1.85
sdS=371.7
fwS=2.13
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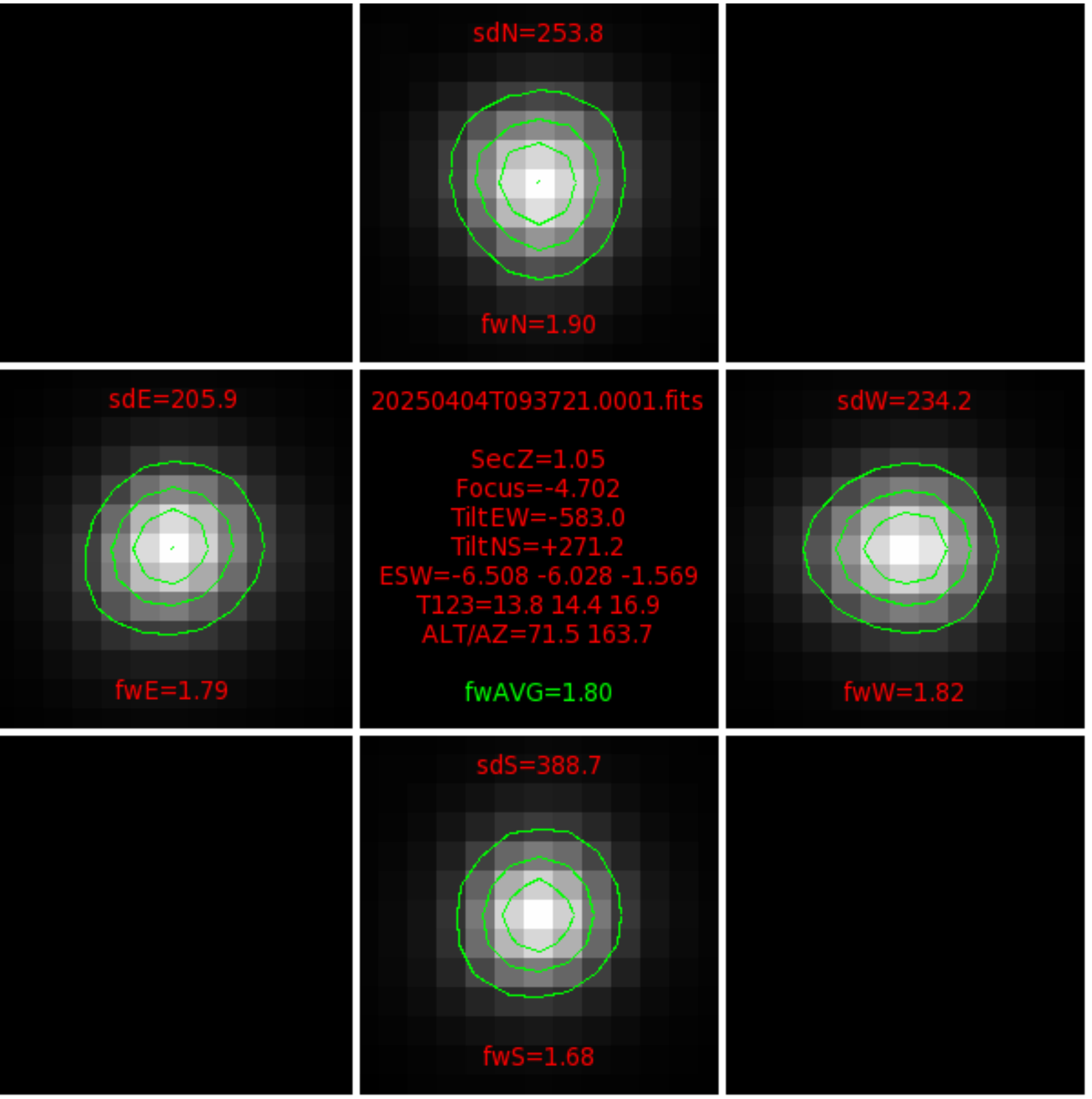
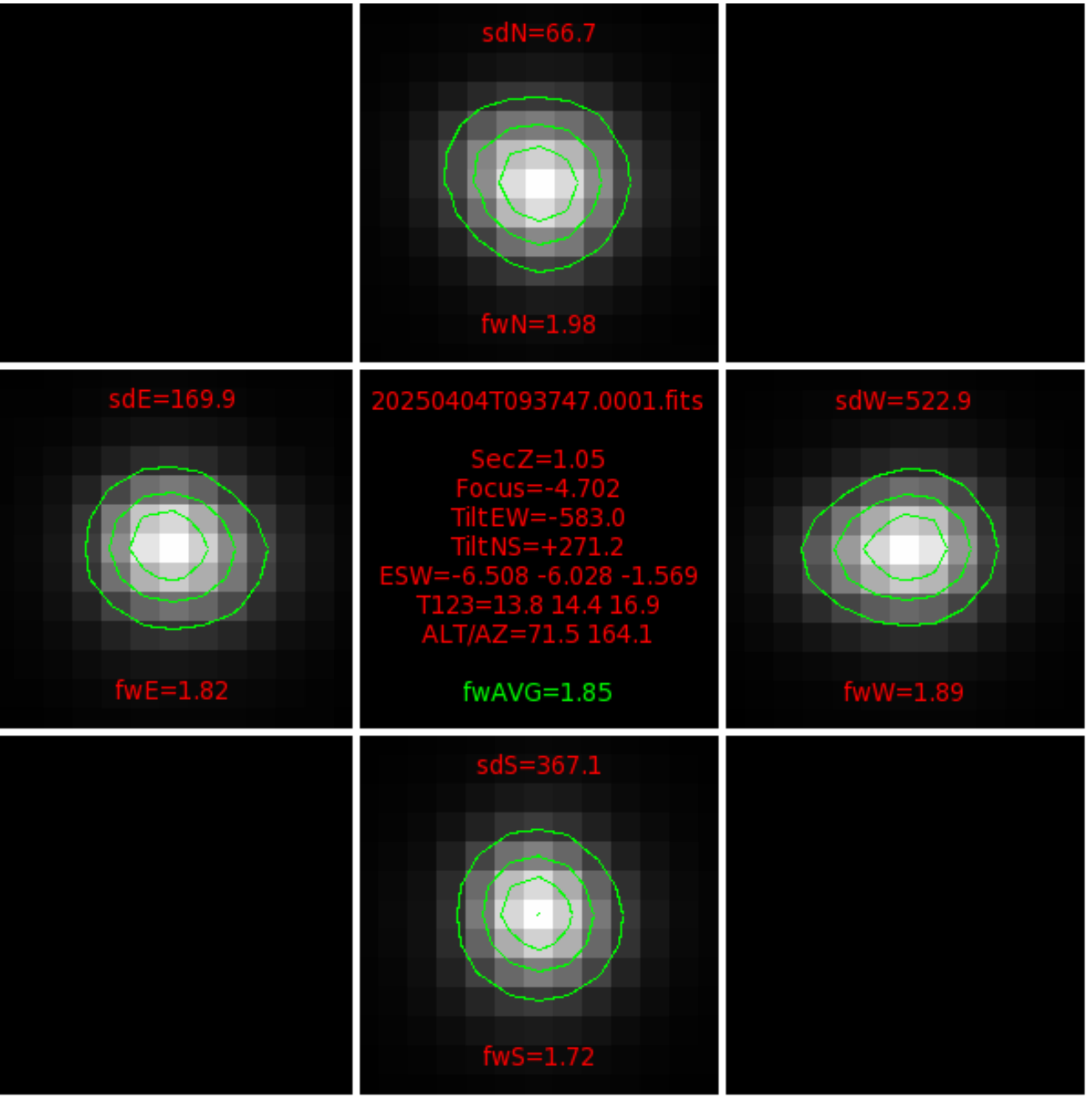
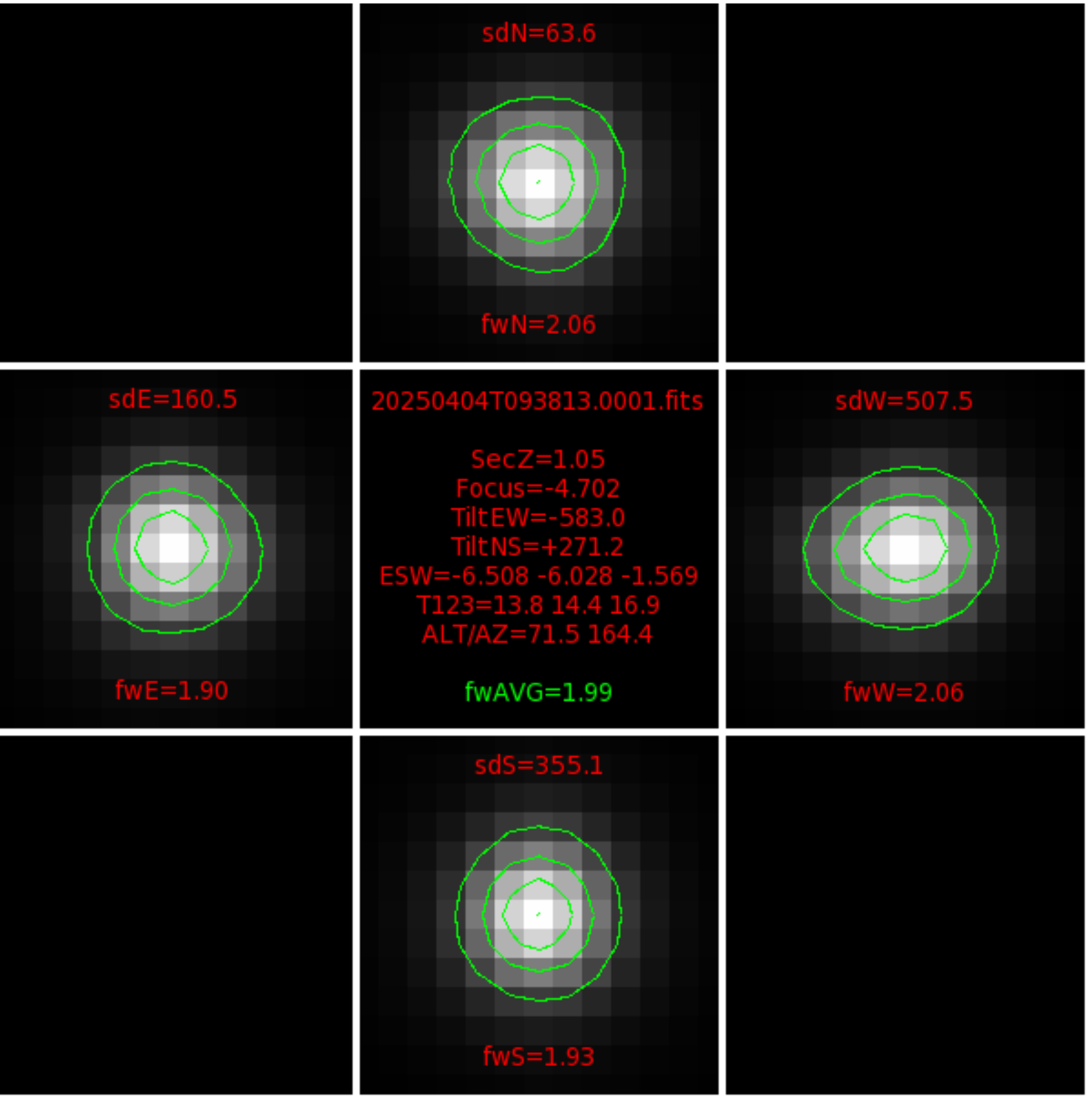
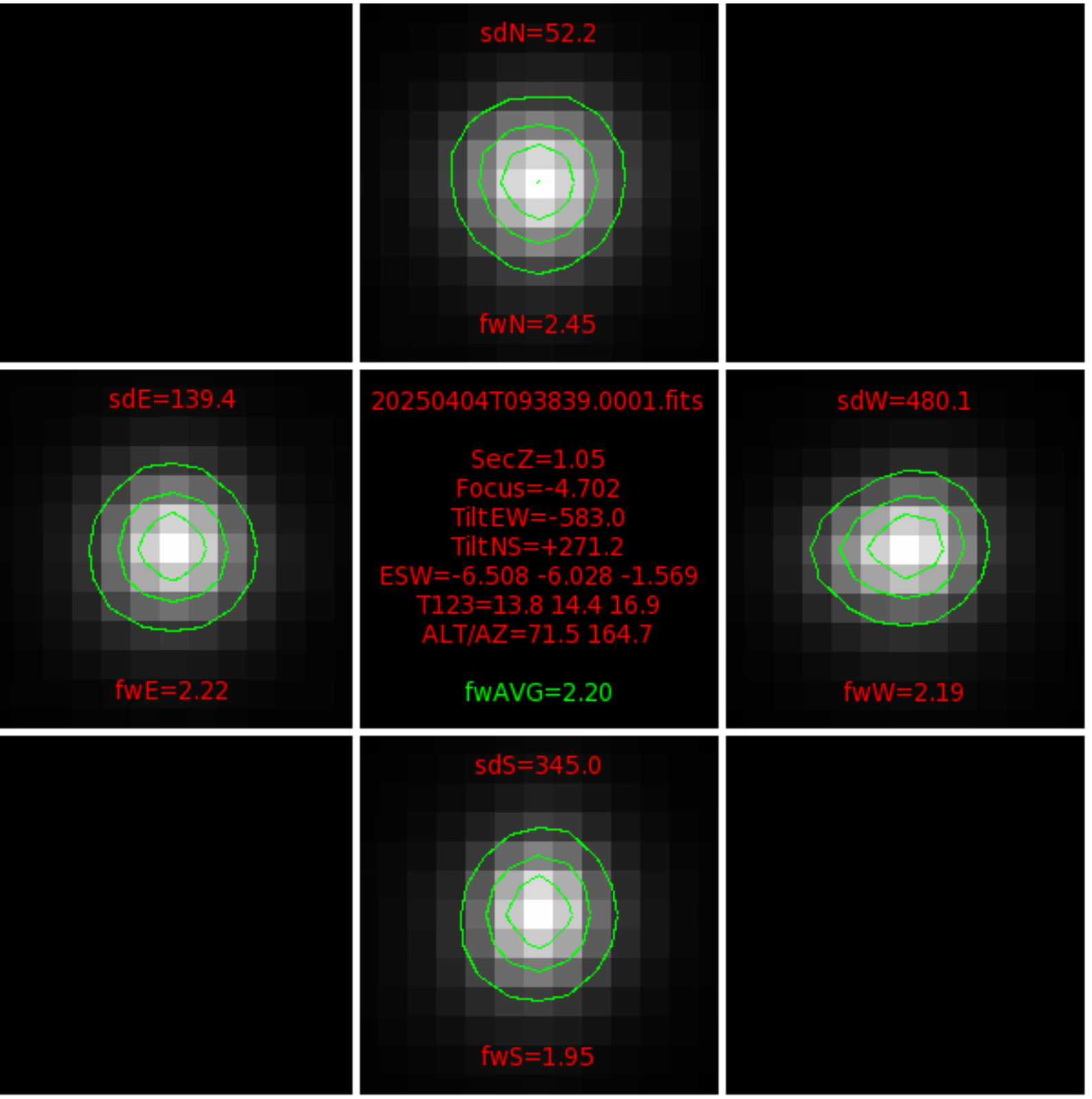
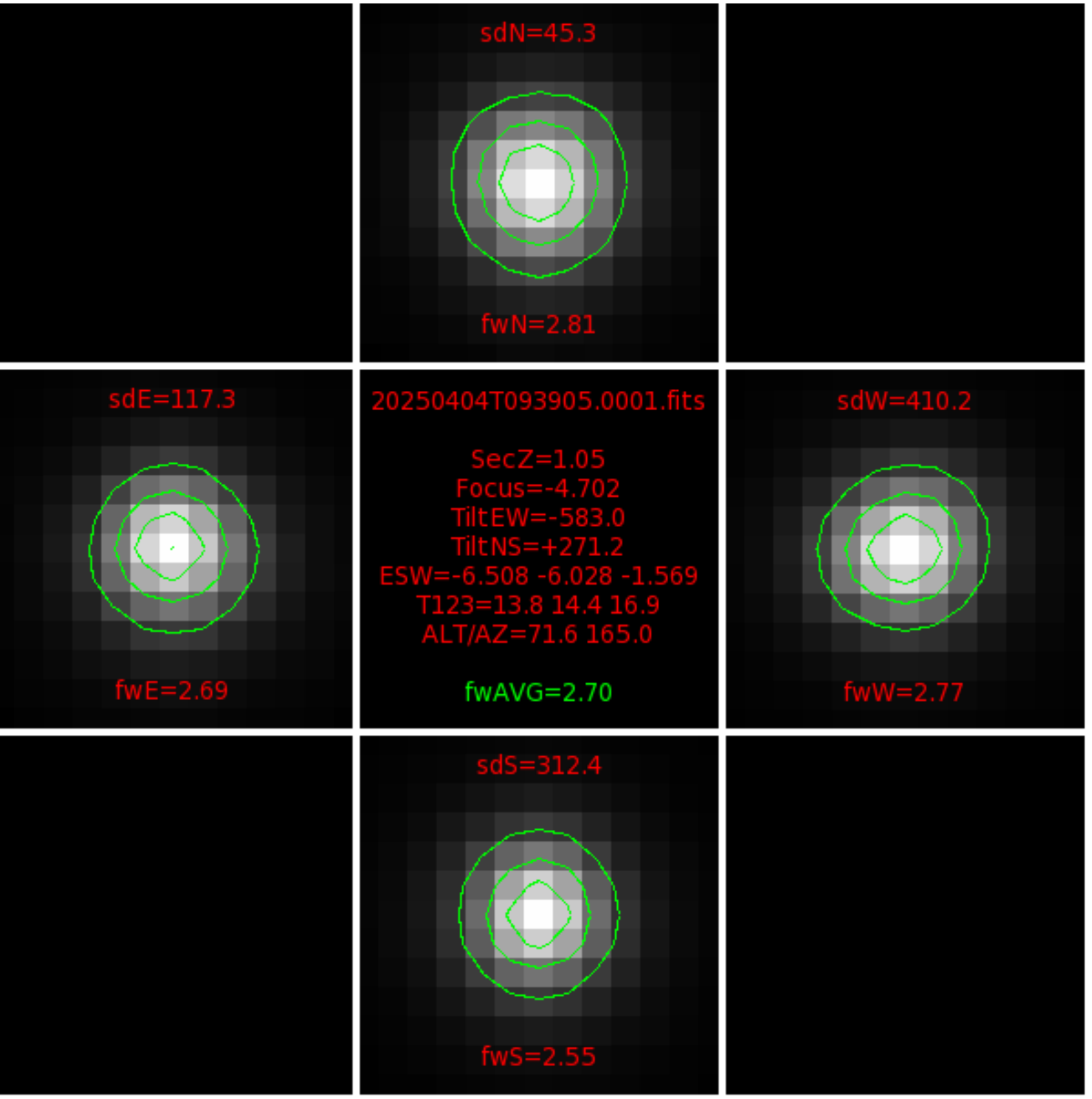
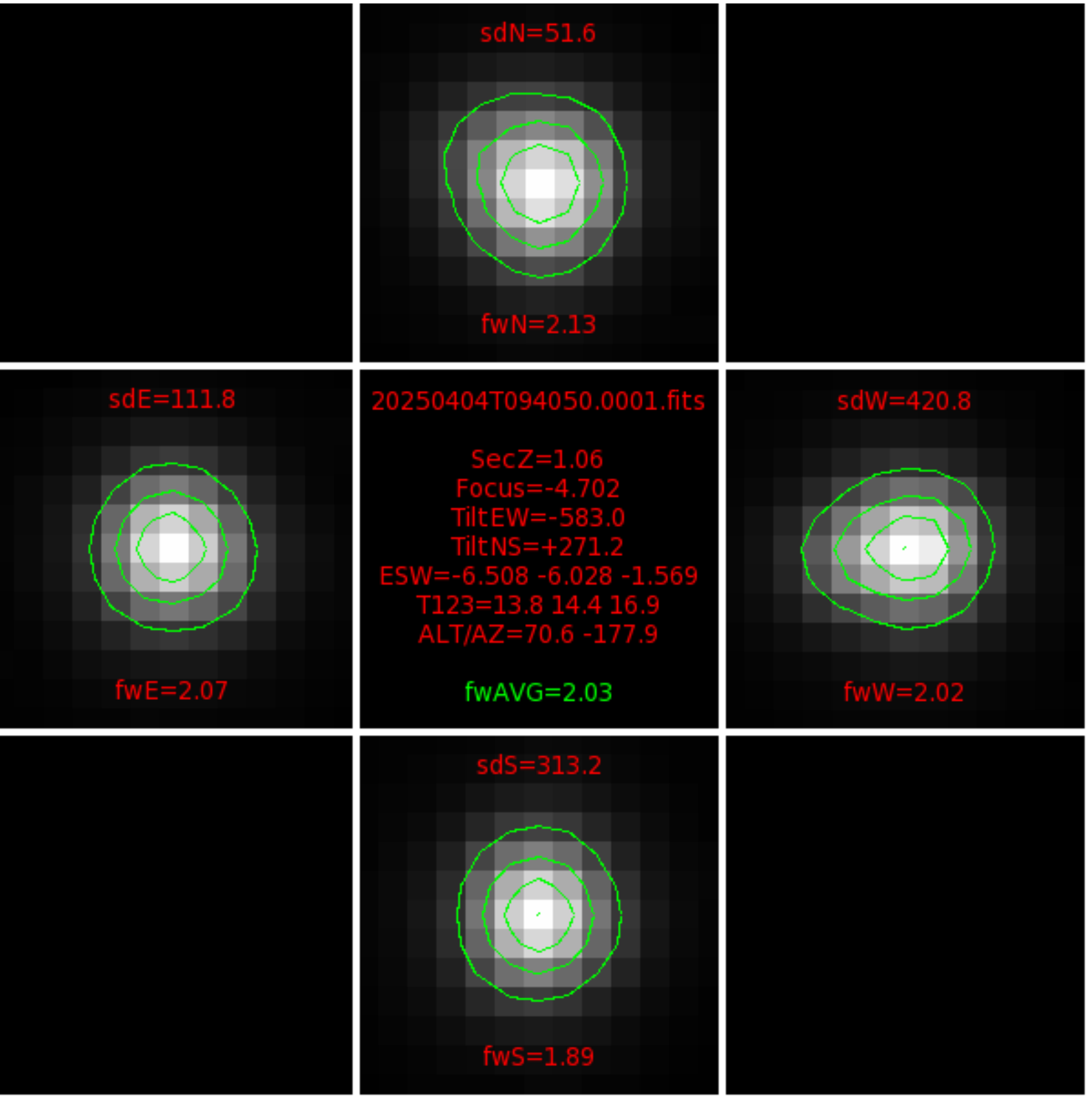

sdN=253.8
fwN=1.90
sdE=205.9
fwE=1.79
20250404T093721.0001.fits
SecZ=1.05
Focus=-4.702
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.508 -6.028 -1.569
T123=13.8 14.4 16.9
ALT/AZ=71.5 163.7
fwAVG=1.80
sdW=234.2
fwW=1.82
sdS=388.7
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=66.7
fwN=1.98
sdE=169.9
fwE=1.82
20250404T093747.0001.fits
SecZ=1.05
Focus=-4.702
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.508 -6.028 -1.569
T123=13.8 14.4 16.9
ALT/AZ=71.5 164.1
fwAVG=1.85
sdW=522.9
fwW=1.89
sdS=367.1
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=63.6
fwN=2.06
sdE=160.5
fwE=1.90
20250404T093813.0001.fits
SecZ=1.05
Focus=-4.702
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.508 -6.028 -1.569
T123=13.8 14.4 16.9
ALT/AZ=71.5 164.4
fwAVG=1.99
sdW=507.5
fwW=2.06
sdS=355.1
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=52.2
fwN=2.45
sdE=139.4
fwE=2.22
20250404T093839.0001.fits
SecZ=1.05
Focus=-4.702
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.508 -6.028 -1.569
T123=13.8 14.4 16.9
ALT/AZ=71.5 164.7
fwAVG=2.20
sdW=480.1
fwW=2.19
sdS=345.0
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=45.3
fwN=2.81
sdE=117.3
fwE=2.69
20250404T093905.0001.fits
SecZ=1.05
Focus=-4.702
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.508 -6.028 -1.569
T123=13.8 14.4 16.9
ALT/AZ=71.6 165.0
fwAVG=2.70
sdW=410.2
fwW=2.77
sdS=312.4
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=51.6
fwN=2.13
sdE=111.8
fwE=2.07
20250404T094050.0001.fits
SecZ=1.06
Focus=-4.702
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.508 -6.028 -1.569
T123=13.8 14.4 16.9
ALT/AZ=70.6 -177.9
fwAVG=2.03
sdW=420.8
fwW=2.02
sdS=313.2
fwS=1.89
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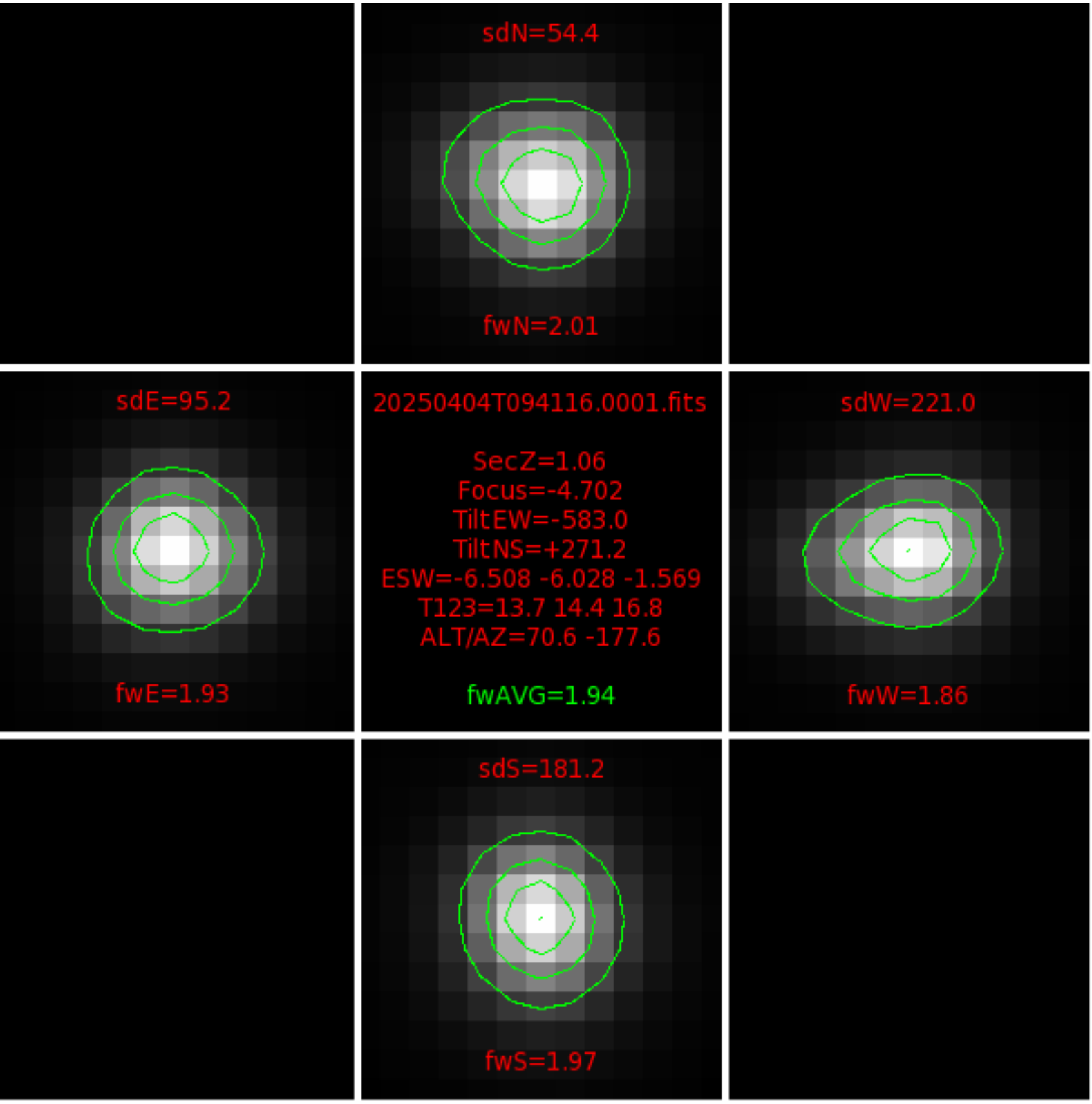
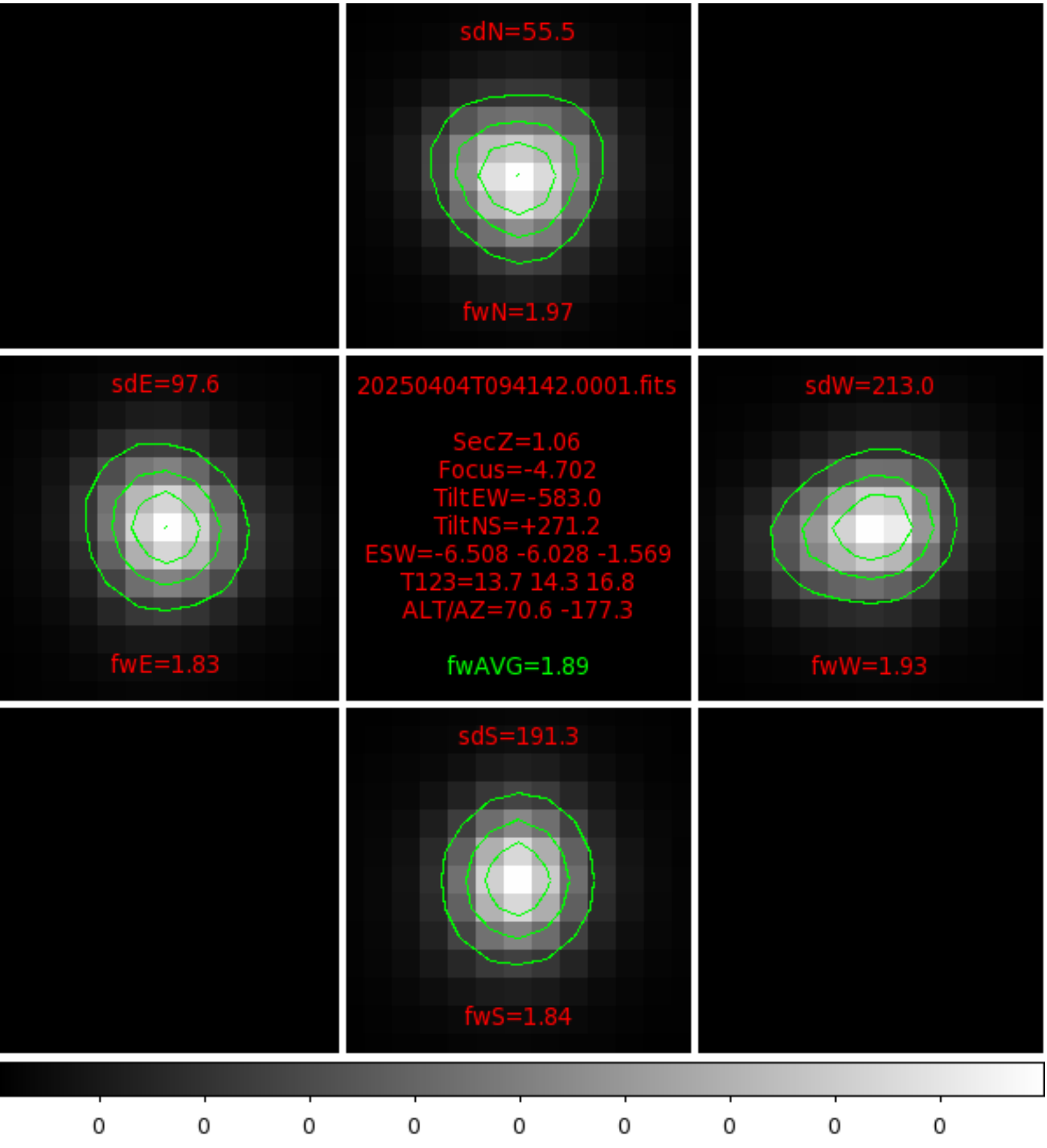
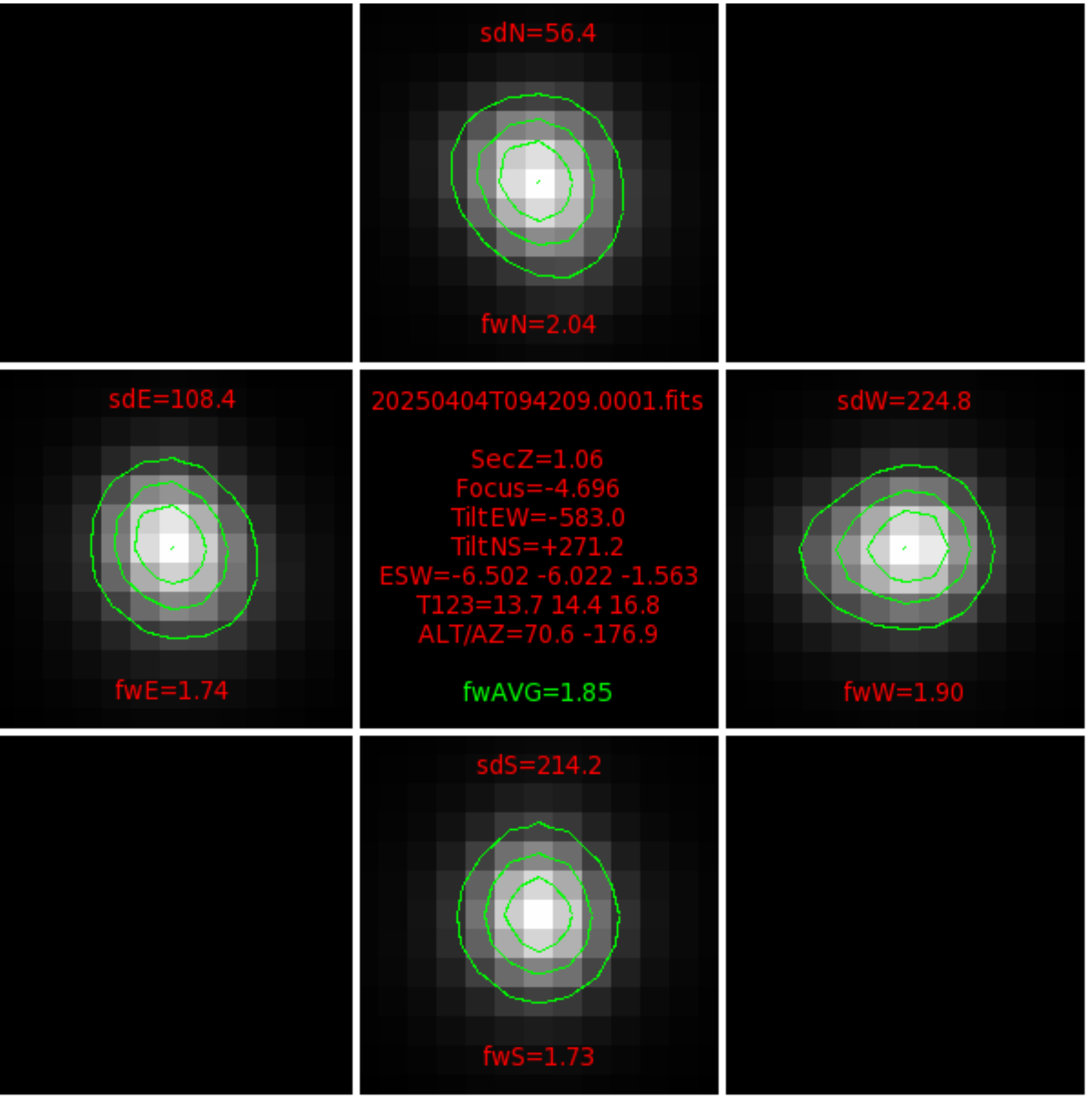
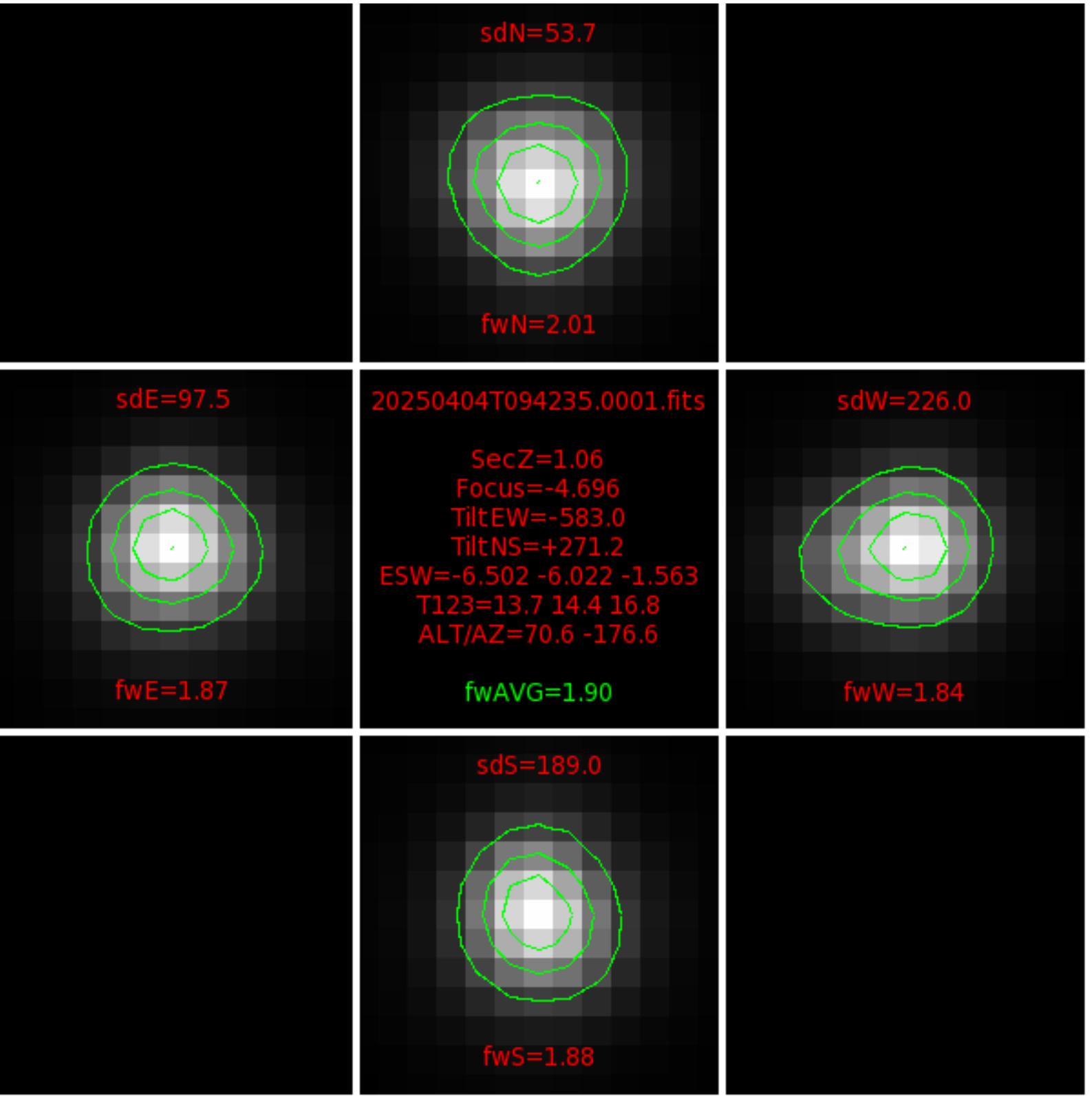
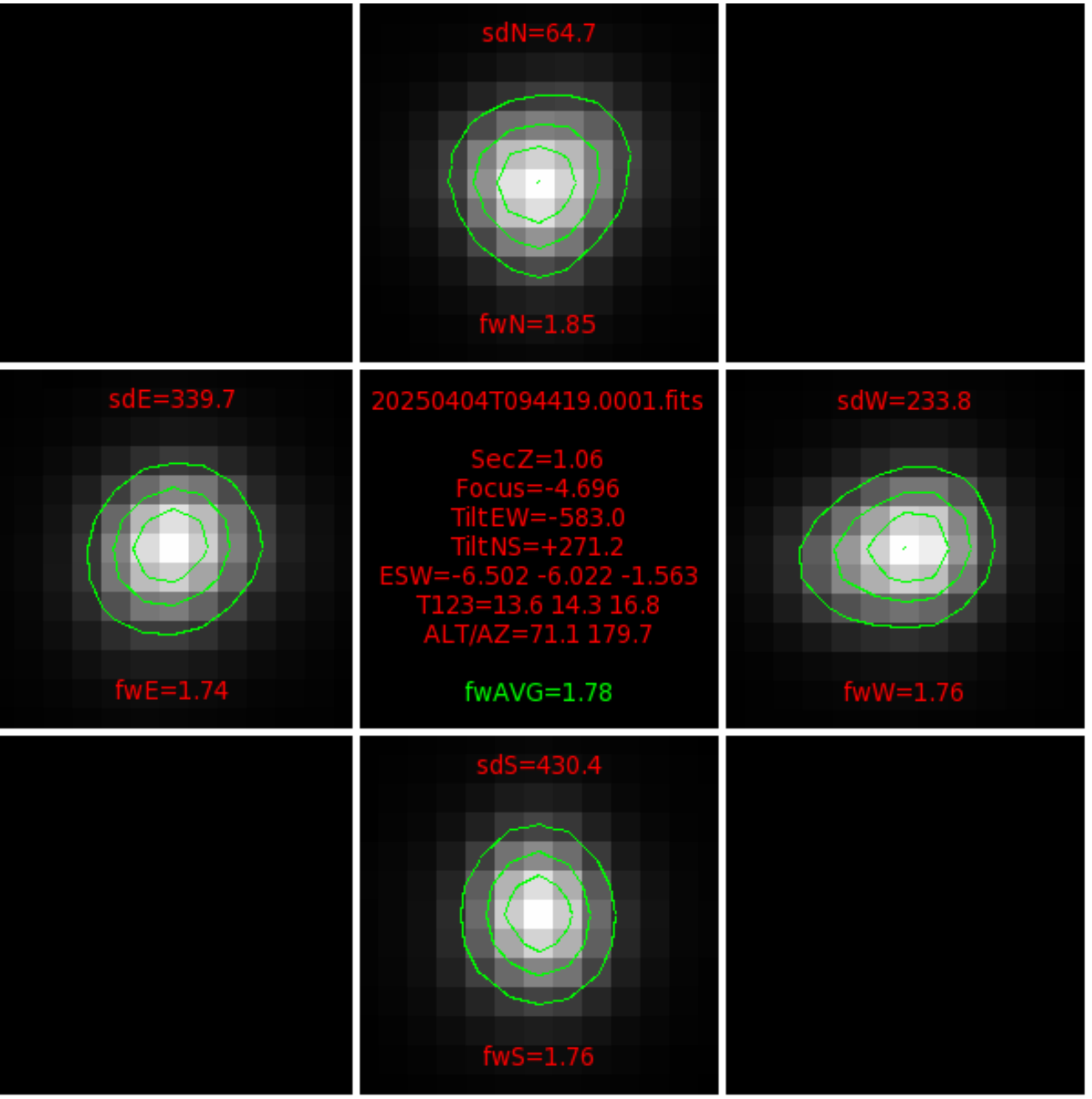

sdN=54.4
fwN=2.01
sdE=95.2
fwE=1.93
20250404T094116.0001.fits
SecZ=1.06
Focus=-4.702
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.508 -6.028 -1.569
T123=13.7 14.4 16.8
ALT/AZ=70.6 -177.6
fwAVG=1.94
sdW=221.0
fwW=1.86
sdS=181.2
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=55.5
fwN=1.97
sdE=97.6
fwE=1.83
20250404T094142.0001.fits
SecZ=1.06
Focus=-4.702
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.508 -6.028 -1.569
T123=13.7 14.3 16.8
ALT/AZ=70.6 -177.3
fwAVG=1.89
sdW=213.0
fwW=1.93
sdS=191.3
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=56.4
fwN=2.04
sdE=108.4
fwE=1.74
20250404T094209.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.7 14.4 16.8
ALT/AZ=70.6 -176.9
fwAVG=1.85
sdW=224.8
fwW=1.90
sdS=214.2
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=53.7
fwN=2.01
sdE=97.5
fwE=1.87
20250404T094235.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.7 14.4 16.8
ALT/AZ=70.6 -176.6
fwAVG=1.90
sdW=226.0
fwW=1.84
sdS=189.0
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=64.7
fwN=1.85
sdE=339.7
fwE=1.74
20250404T094419.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.6 14.3 16.8
ALT/AZ=71.1 179.7
fwAVG=1.78
sdW=233.8
fwW=1.76
sdS=430.4
fwS=1.76
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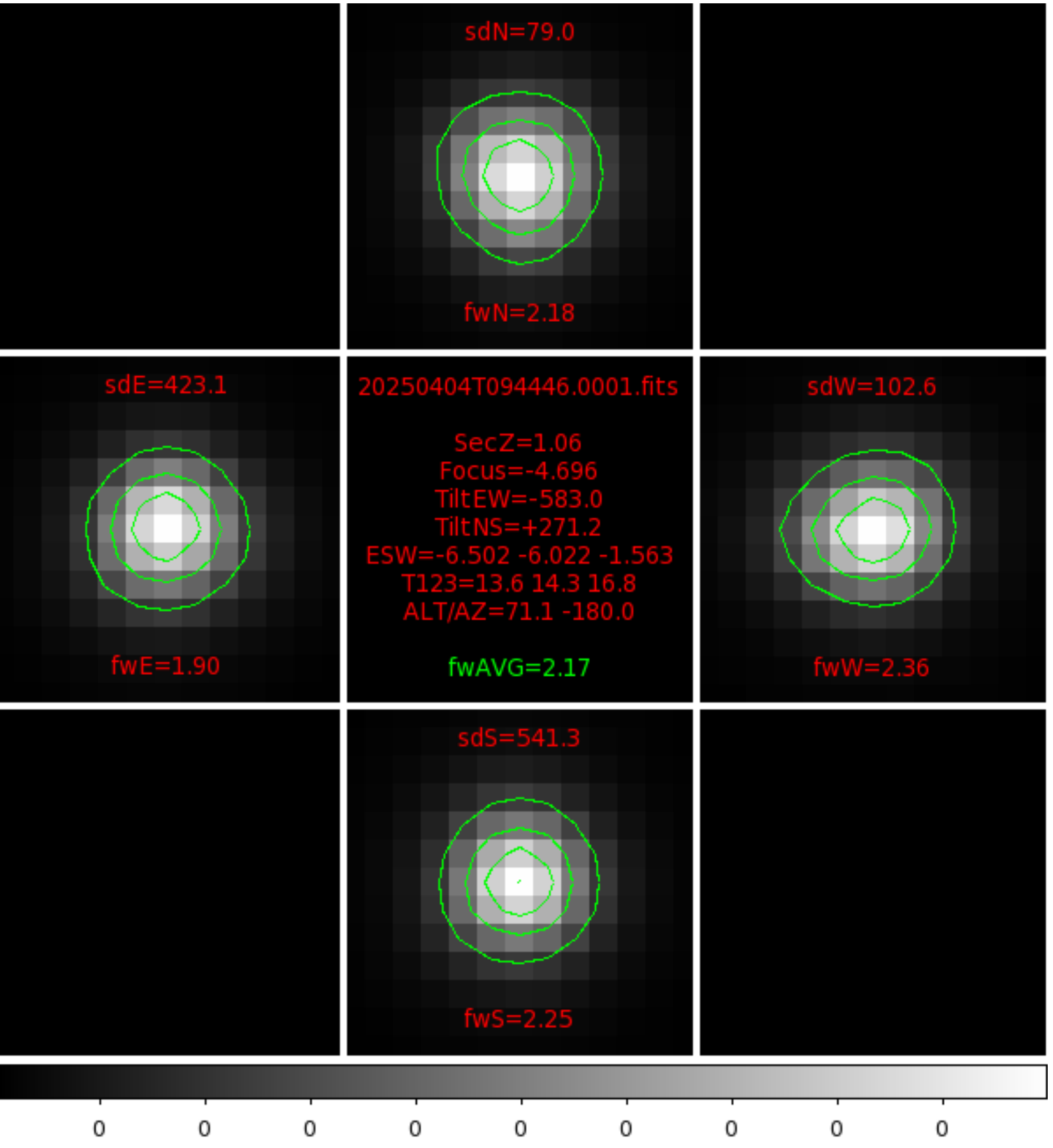
sdN=79.0
fwN=2.18
sdE=423.1
fwE=1.90
20250404T094446.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.6 14.3 16.8
ALT/AZ=71.1 -180.0
fwAVG=2.17
sdW=102.6
fwW=2.36
sdS=541.3
fwS=2.25
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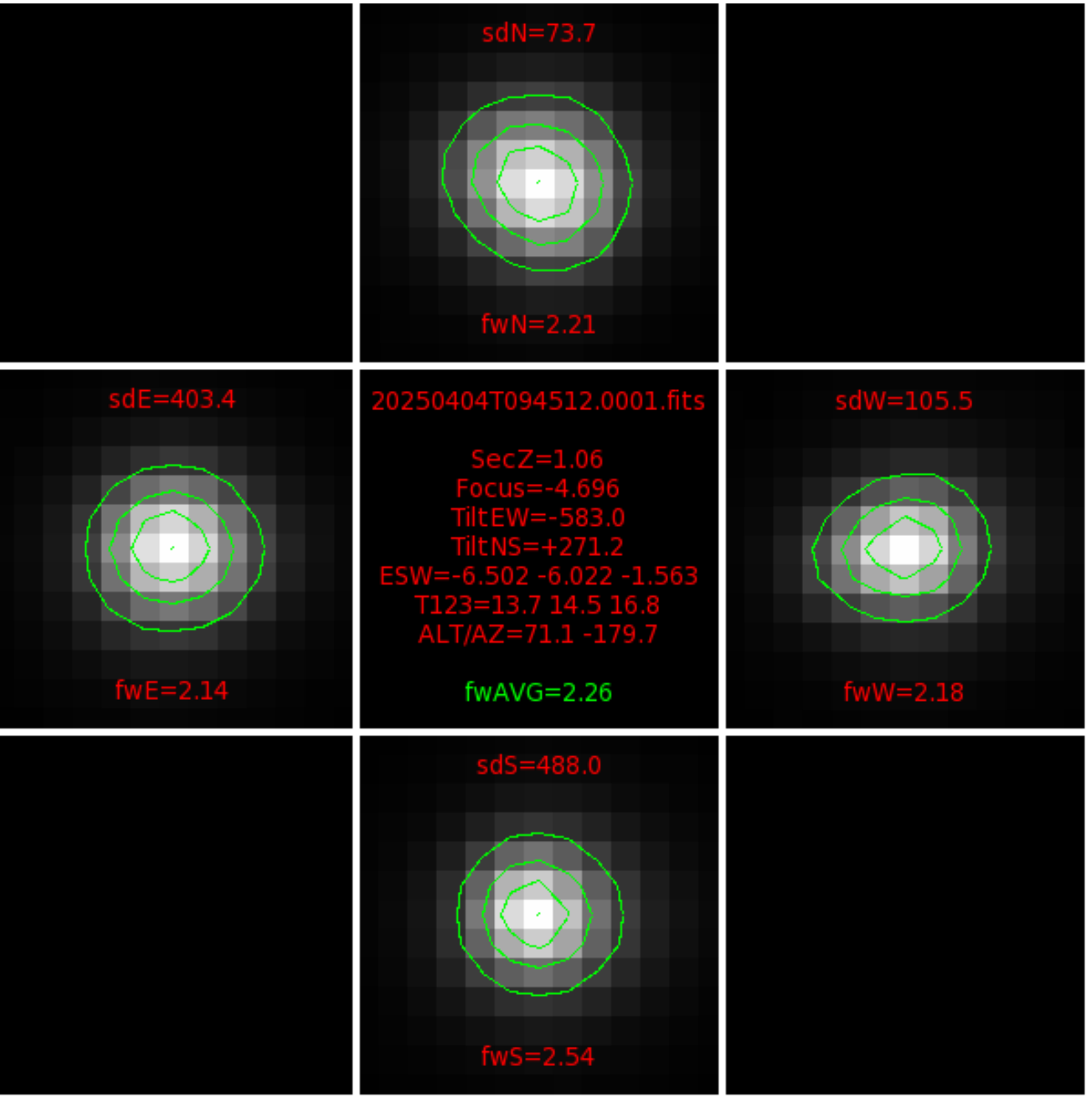
sdN=73.7
fwN=2.21
sdE=403.4
fwE=2.14
20250404T094512.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.7 14.5 16.8
ALT/AZ=71.1 -179.7
fwAVG=2.26
sdW=105.5
fwW=2.18
sdS=488.0
fwS=2.54
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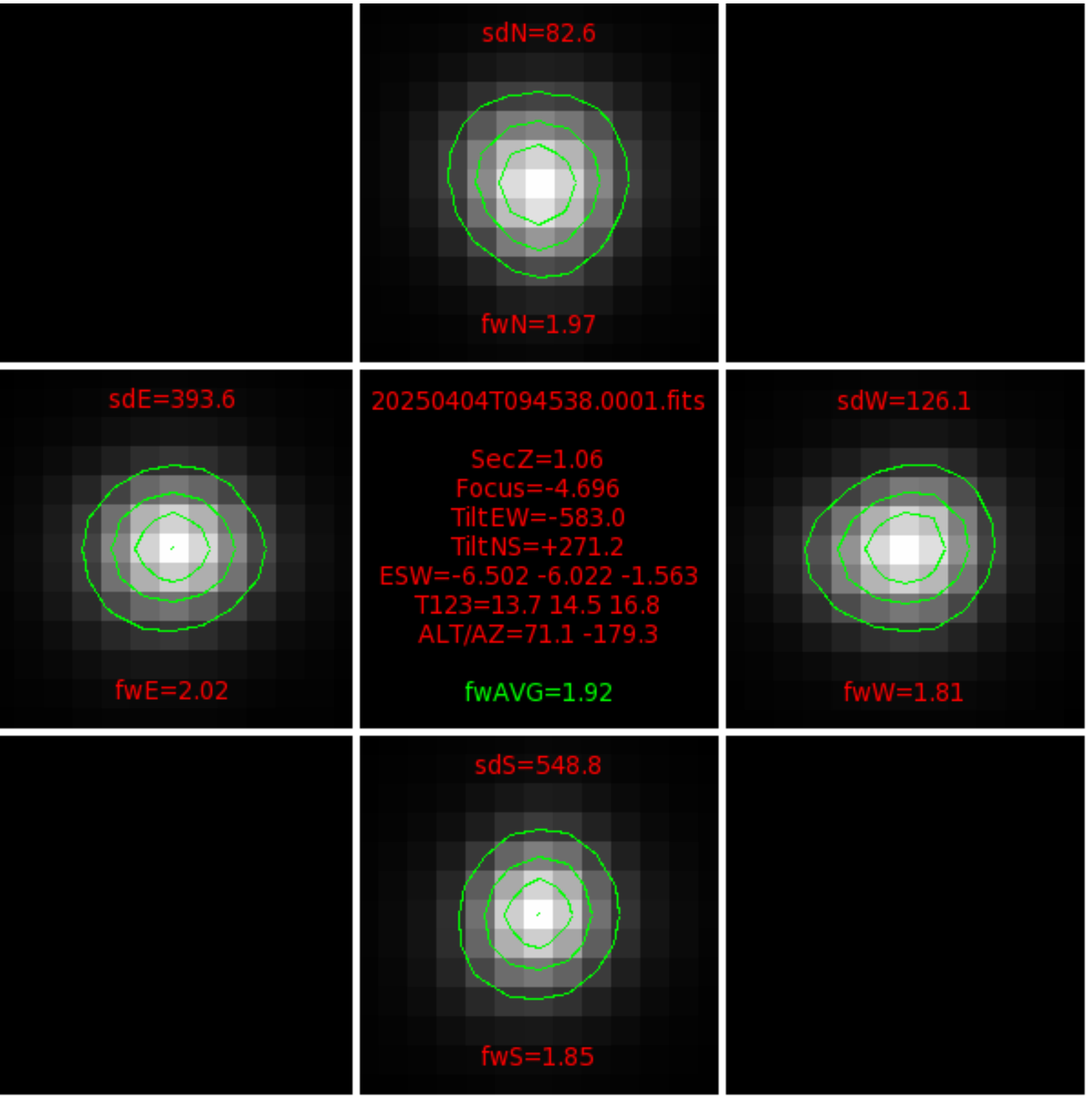
sdN=82.6
fwN=1.97
sdE=393.6
fwE=2.02
20250404T094538.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.7 14.5 16.8
ALT/AZ=71.1 -179.3
fwAVG=1.92
sdW=126.1
fwW=1.81
sdS=548.8
fwS=1.85
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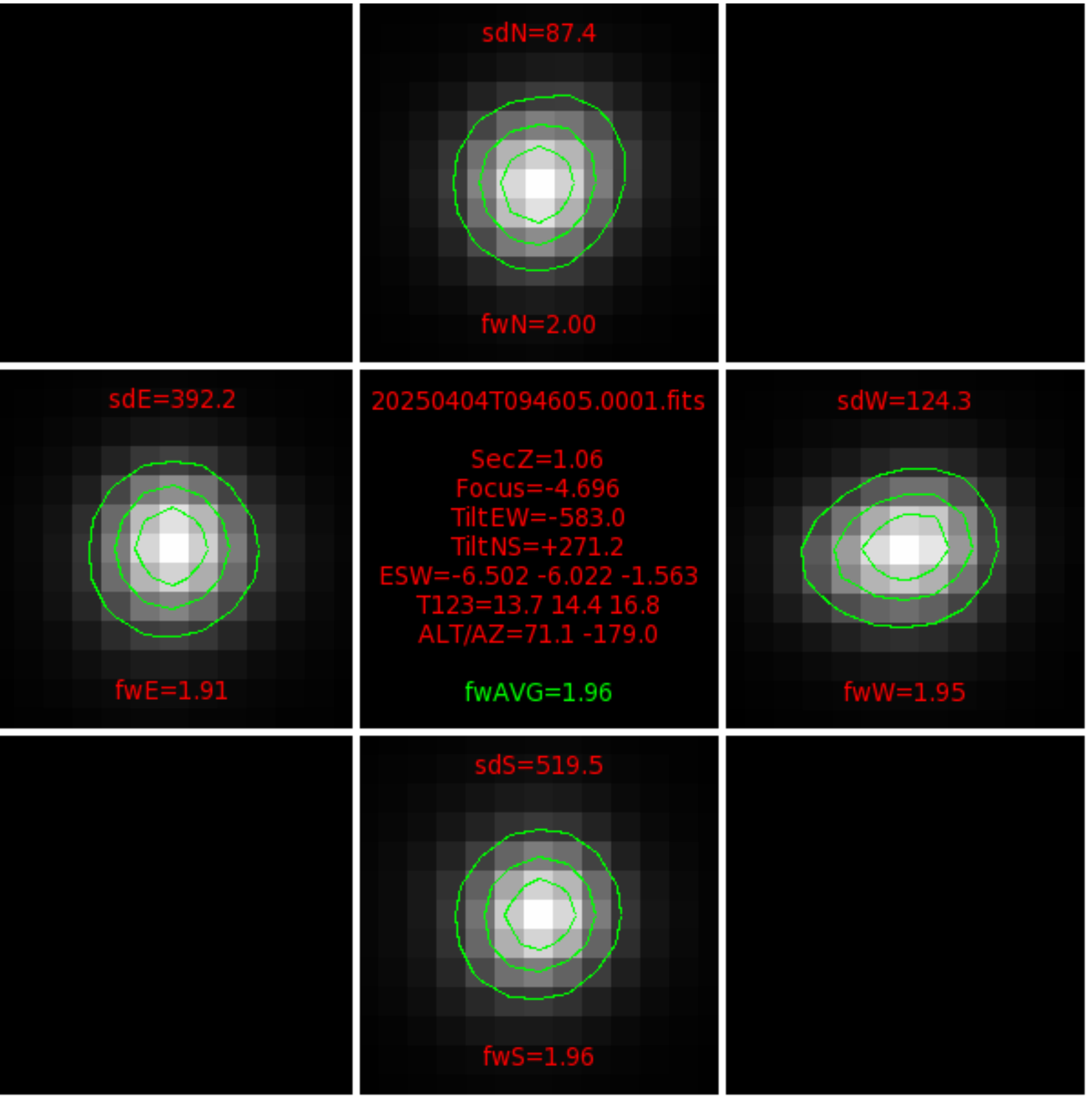
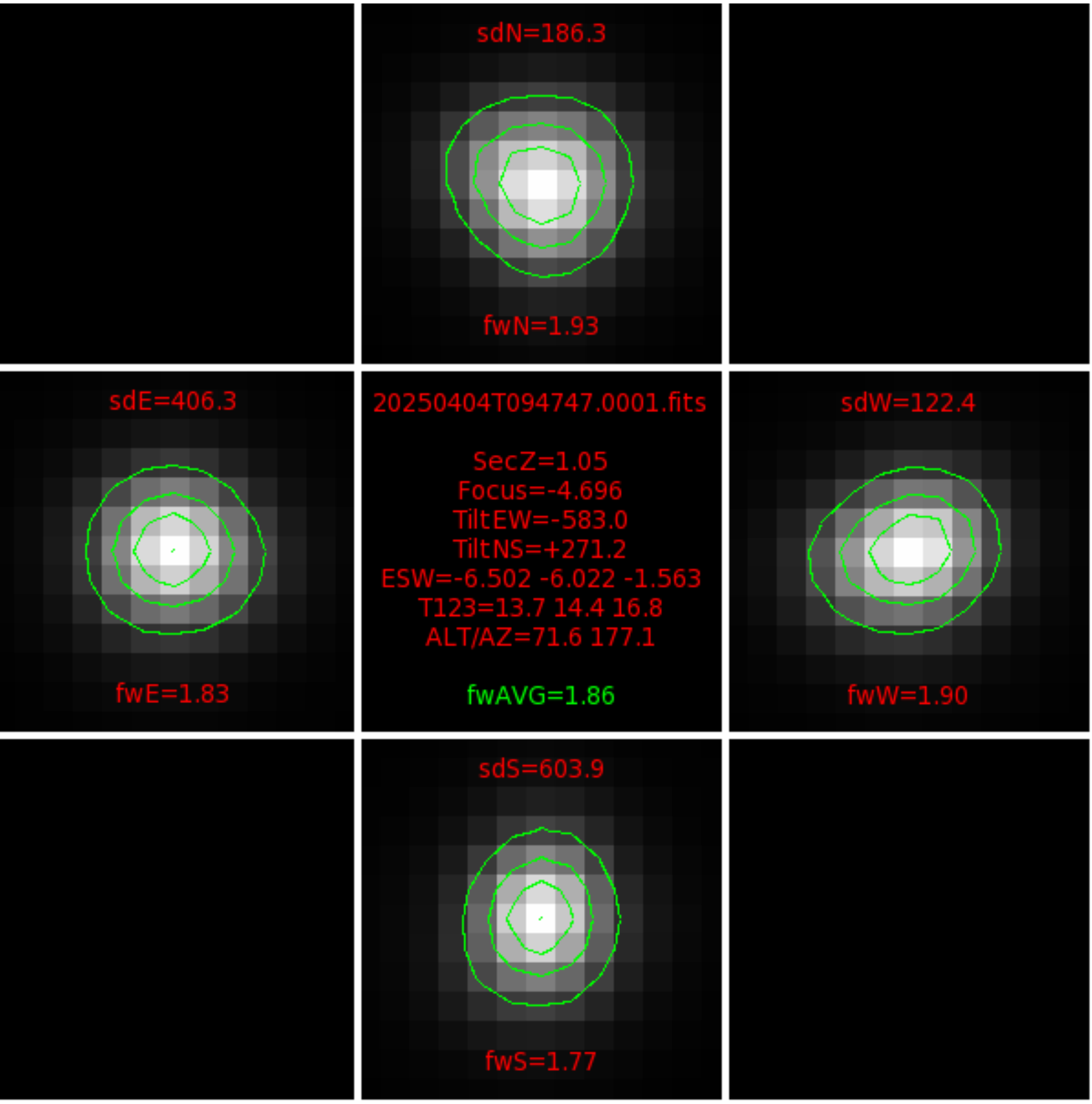
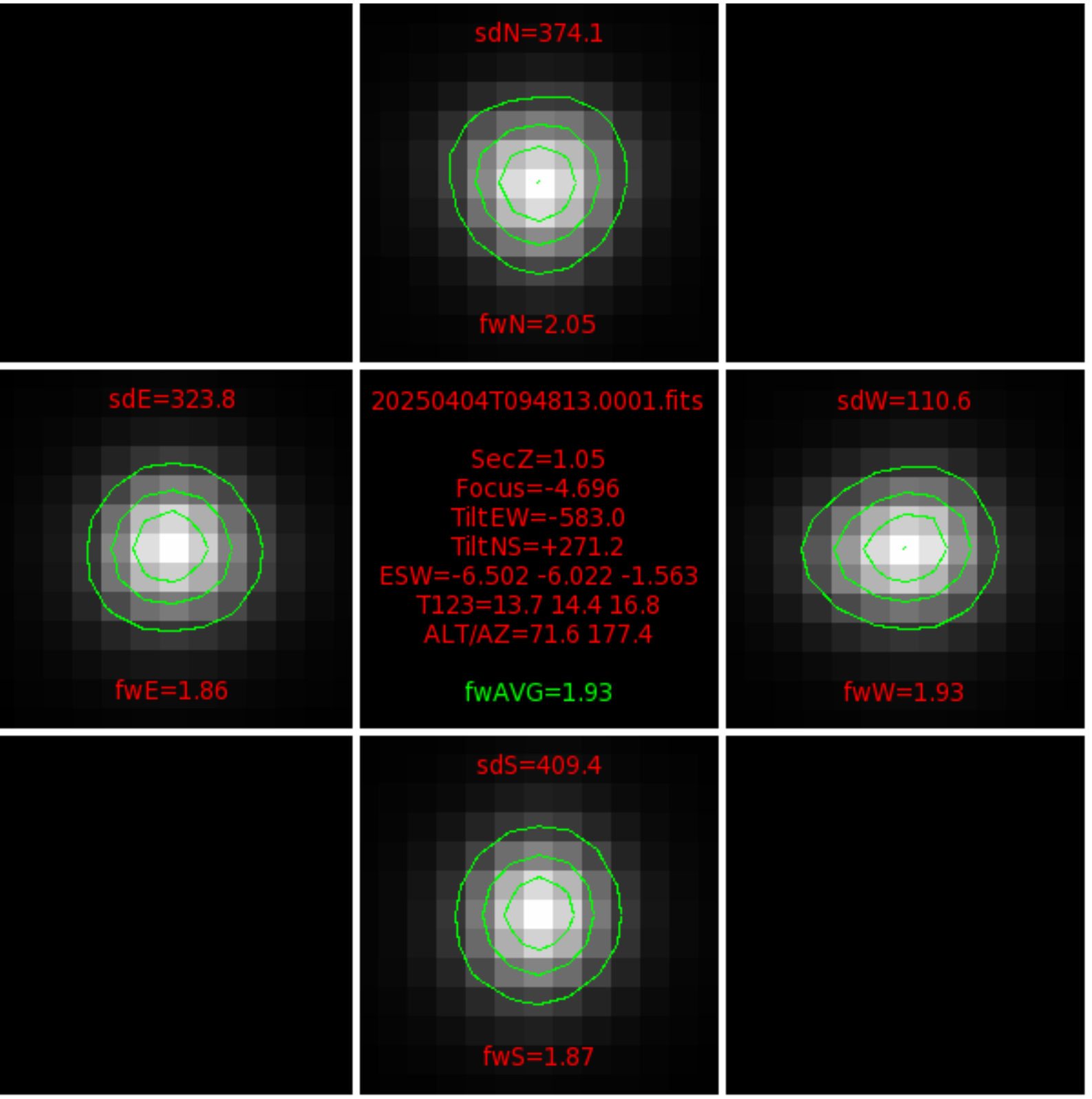
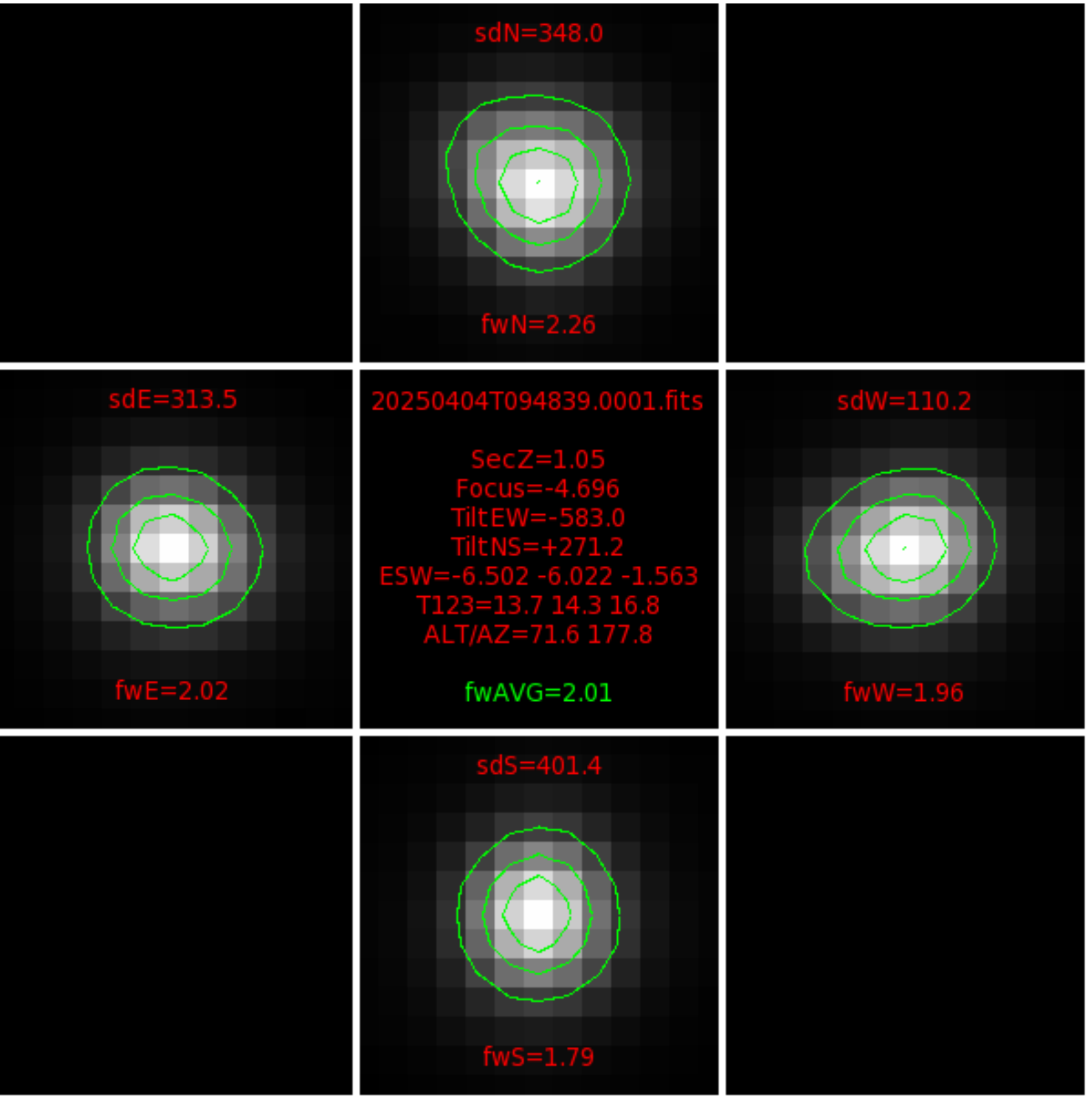

sdN=87.4
fwN=2.00
sdE=392.2
fwE=1.91
20250404T094605.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.7 14.4 16.8
ALT/AZ=71.1 -179.0
fwAVG=1.96
sdW=124.3
fwW=1.95
sdS=519.5
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=186.3
fwN=1.93
sdE=406.3
fwE=1.83
20250404T094747.0001.fits
SecZ=1.05
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.7 14.4 16.8
ALT/AZ=71.6 177.1
fwAVG=1.86
sdW=122.4
fwW=1.90
sdS=603.9
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=374.1
fwN=2.05
sdE=323.8
fwE=1.86
20250404T094813.0001.fits
SecZ=1.05
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.7 14.4 16.8
ALT/AZ=71.6 177.4
fwAVG=1.93
sdW=110.6
fwW=1.93
sdS=409.4
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=348.0
fwN=2.26
sdE=313.5
fwE=2.02
20250404T094839.0001.fits
SecZ=1.05
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.7 14.3 16.8
ALT/AZ=71.6 177.8
fwAVG=2.01
sdW=110.2
fwW=1.96
sdS=401.4
fwS=1.79
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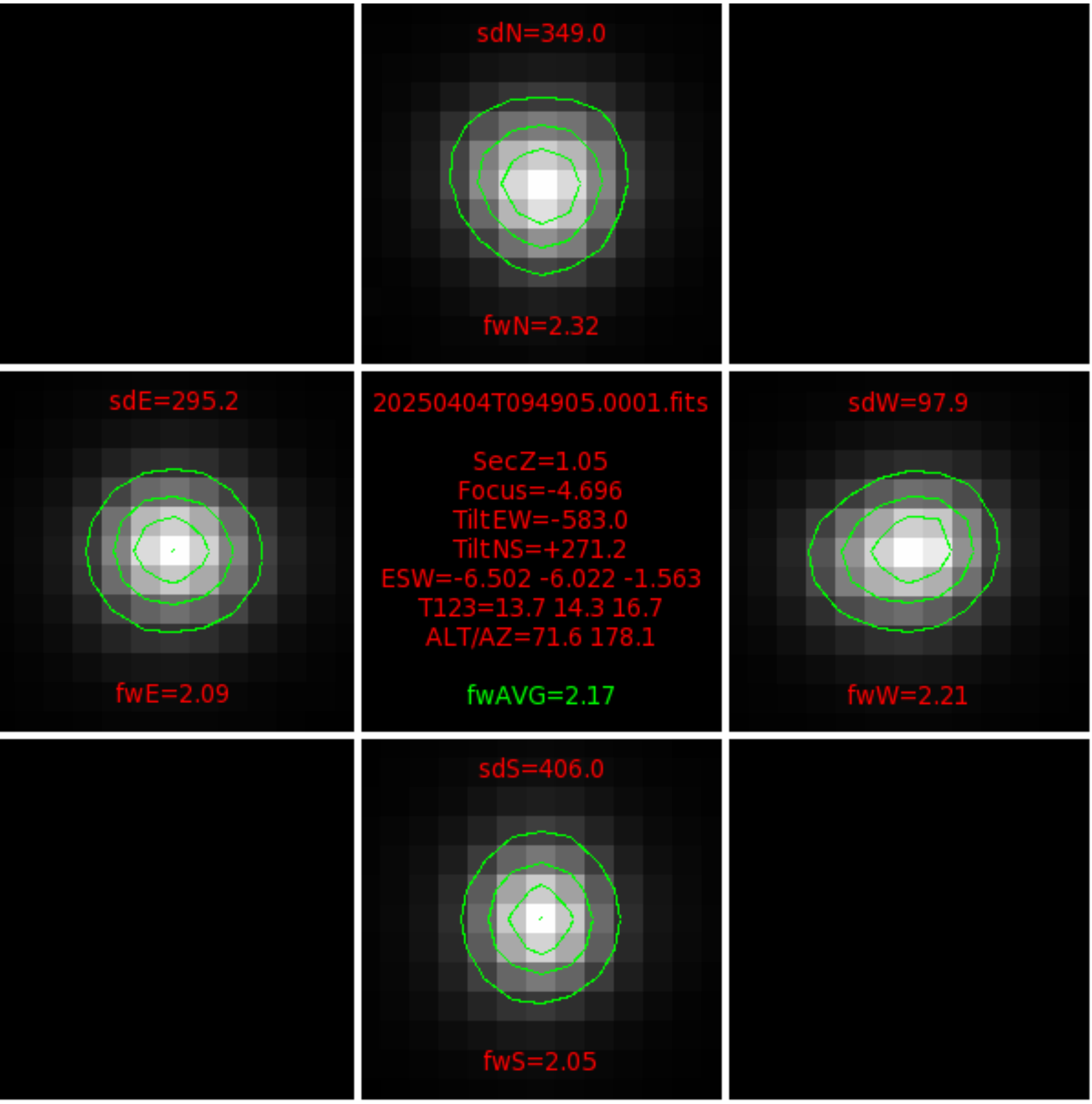
sdN=349.0
fwN=2.32
sdE=295.2
fwE=2.09
20250404T094905.0001.fits
SecZ=1.05
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.7 14.3 16.7
ALT/AZ=71.6 178.1
fwAVG=2.17
sdW=97.9
fwW=2.21
sdS=406.0
fwS=2.05
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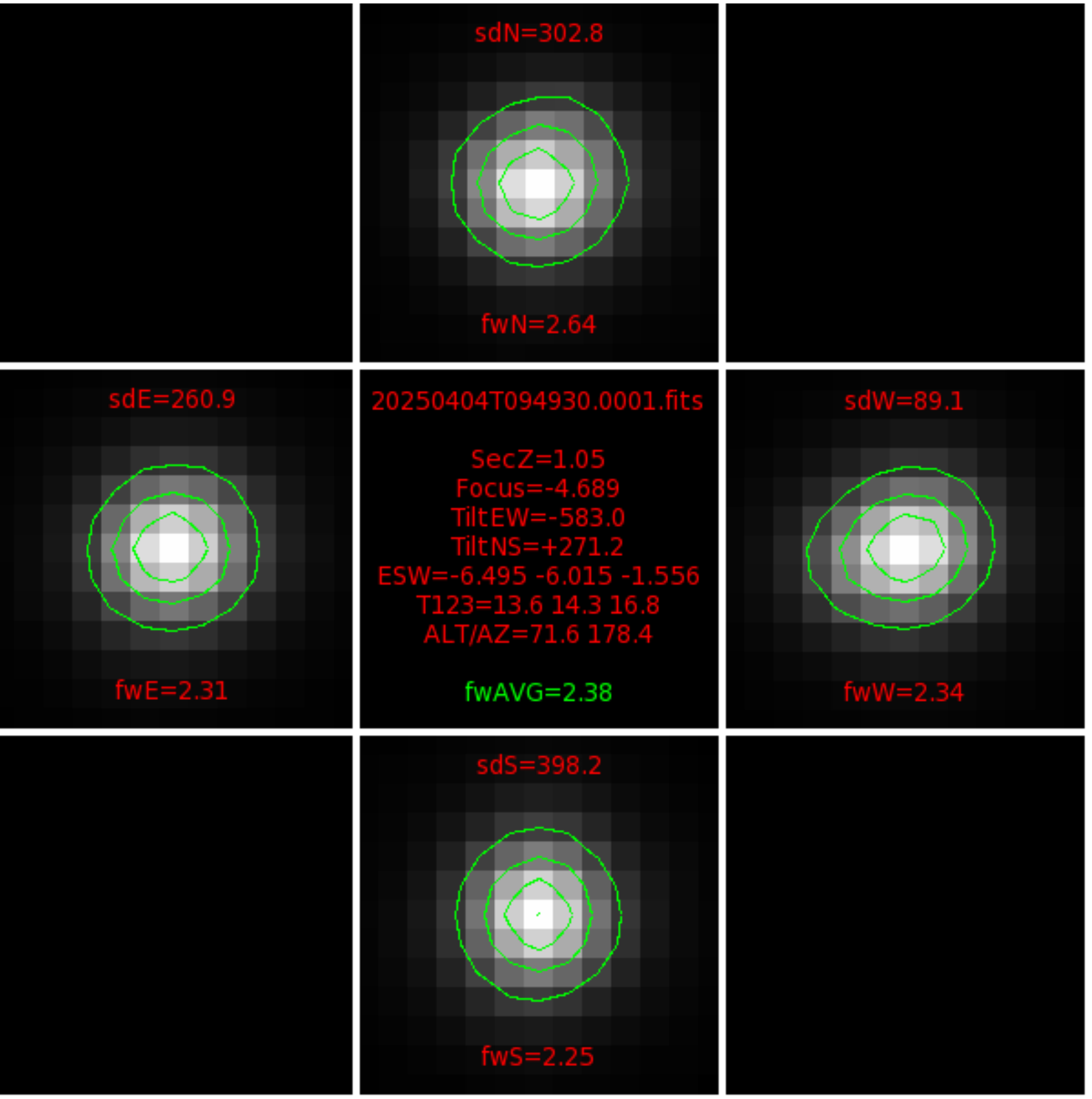
sdN=302.8
fwN=2.64
sdE=260.9
fwE=2.31
20250404T094930.0001.fits
SecZ=1.05
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.6 14.3 16.8
ALT/AZ=71.6 178.4
fwAVG=2.38
sdW=89.1
fwW=2.34
sdS=398.2
fwS=2.25
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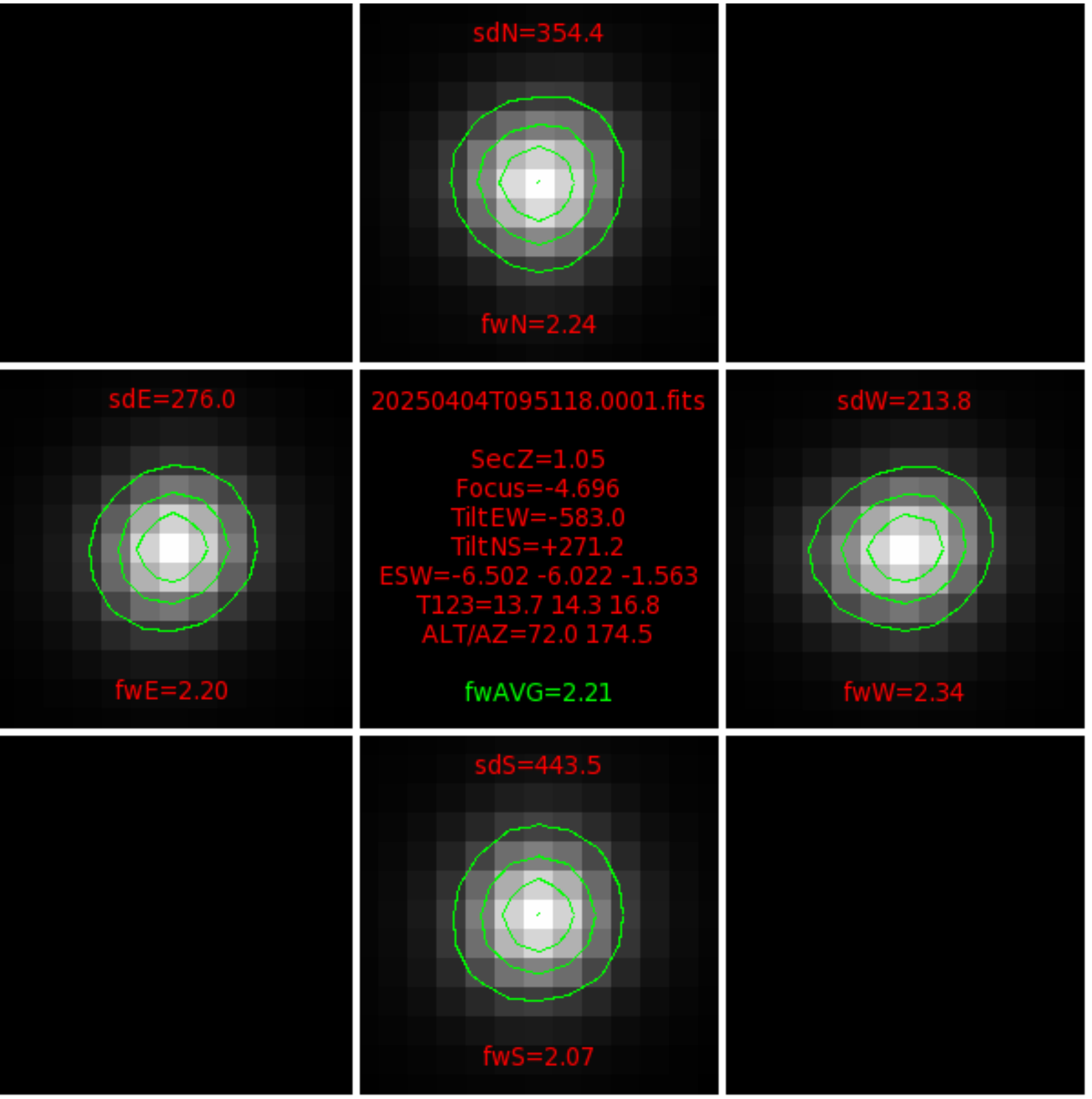
sdN=354.4
fwN=2.24
sdE=276.0
fwE=2.20
20250404T095118.0001.fits
SecZ=1.05
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.7 14.3 16.8
ALT/AZ=72.0 174.5
fwAVG=2.21
sdW=213.8
fwW=2.34
sdS=443.5
fwS=2.07
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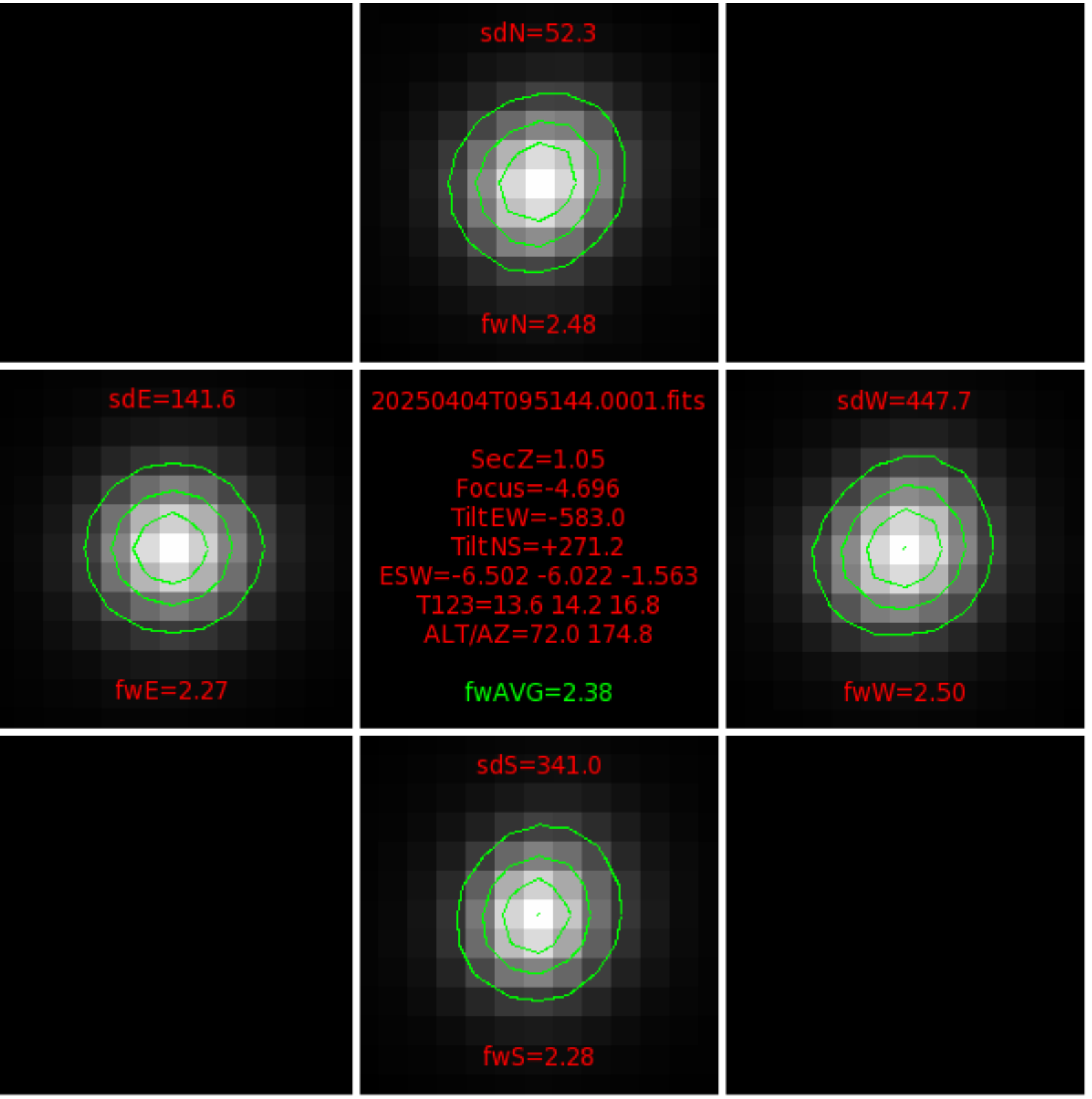
sdN=52.3
fwN=2.48
sdE=141.6
fwE=2.27
20250404T095144.0001.fits
SecZ=1.05
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.6 14.2 16.8
ALT/AZ=72.0 174.8
fwAVG=2.38
sdW=447.7
fwW=2.50
sdS=341.0
fwS=2.28
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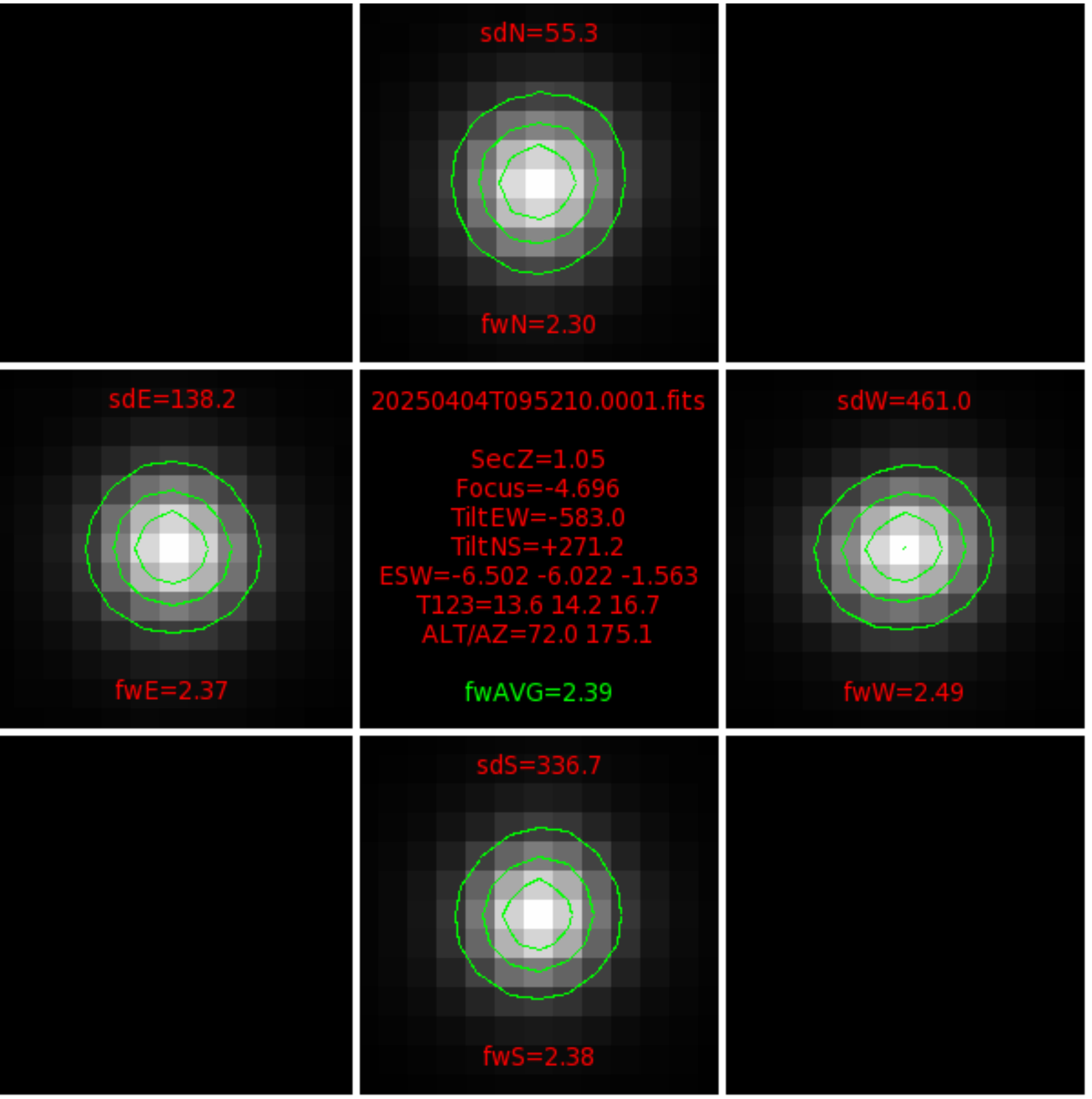
sdN=55.3
fwN=2.30
sdE=138.2
fwE=2.37
20250404T095210.0001.fits
SecZ=1.05
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.6 14.2 16.7
ALT/AZ=72.0 175.1
fwAVG=2.39
sdW=461.0
fwW=2.49
sdS=336.7
fwS=2.38
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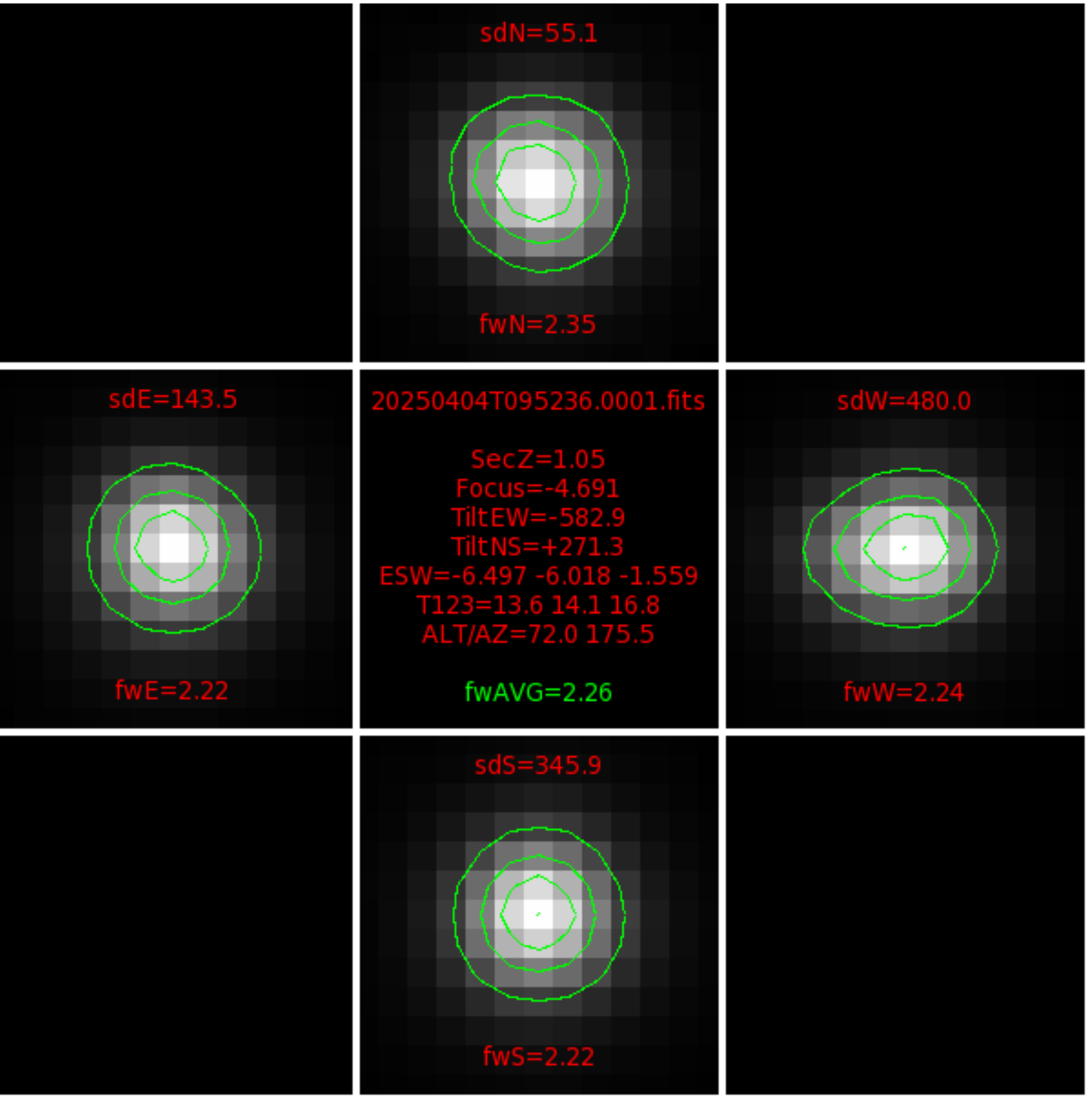
sdN=55.1
fwN=2.35
sdE=143.5
fwE=2.22
20250404T095236.0001.fits
SecZ=1.05
Focus=-4.691
TiltEW=-582.9
TiltNS=+271.3
ESW=-6.497 -6.018 -1.559
T123=13.6 14.1 16.8
ALT/AZ=72.0 175.5
fwAVG=2.26
sdW=480.0
fwW=2.24
sdS=345.9
fwS=2.22
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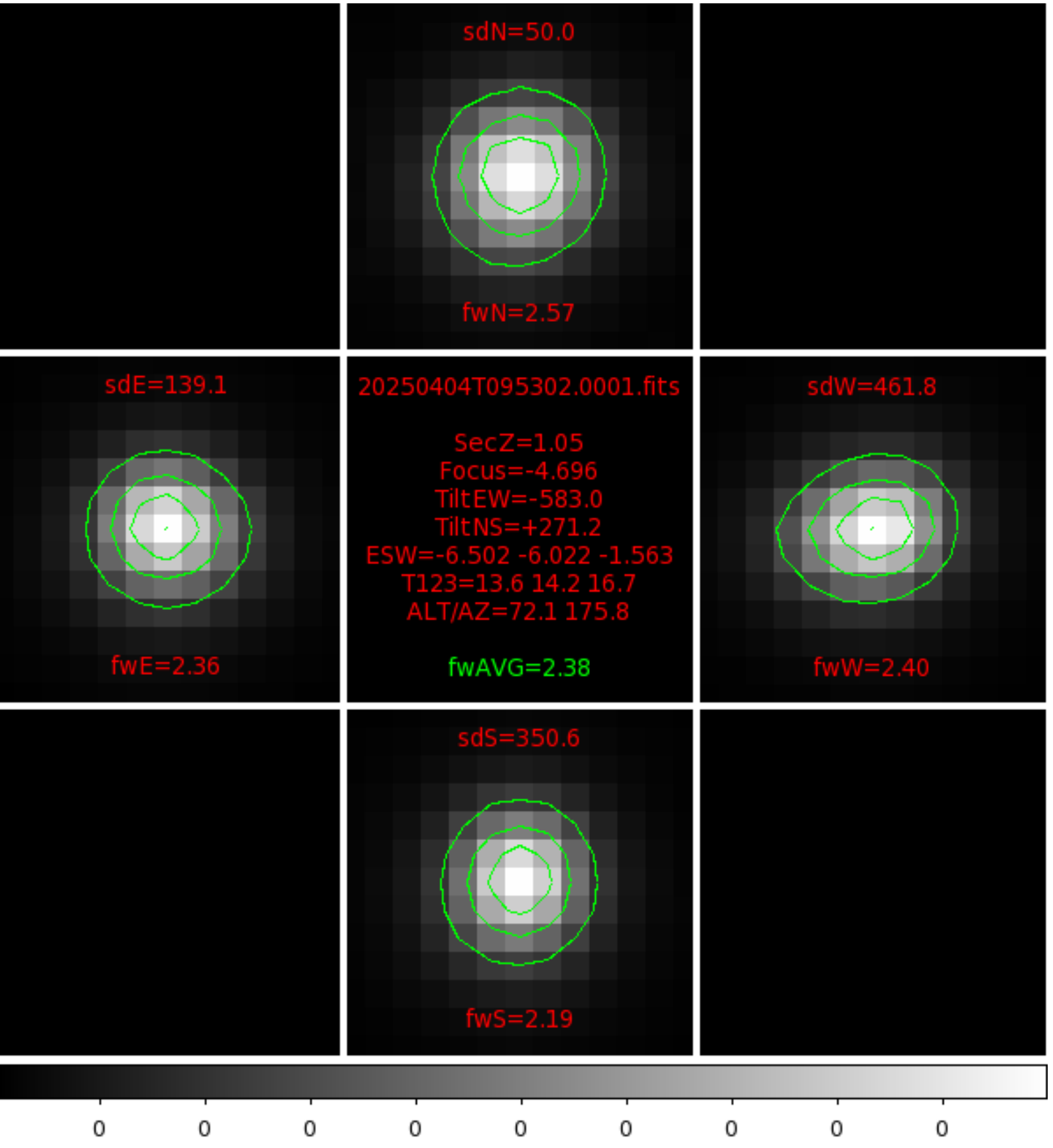
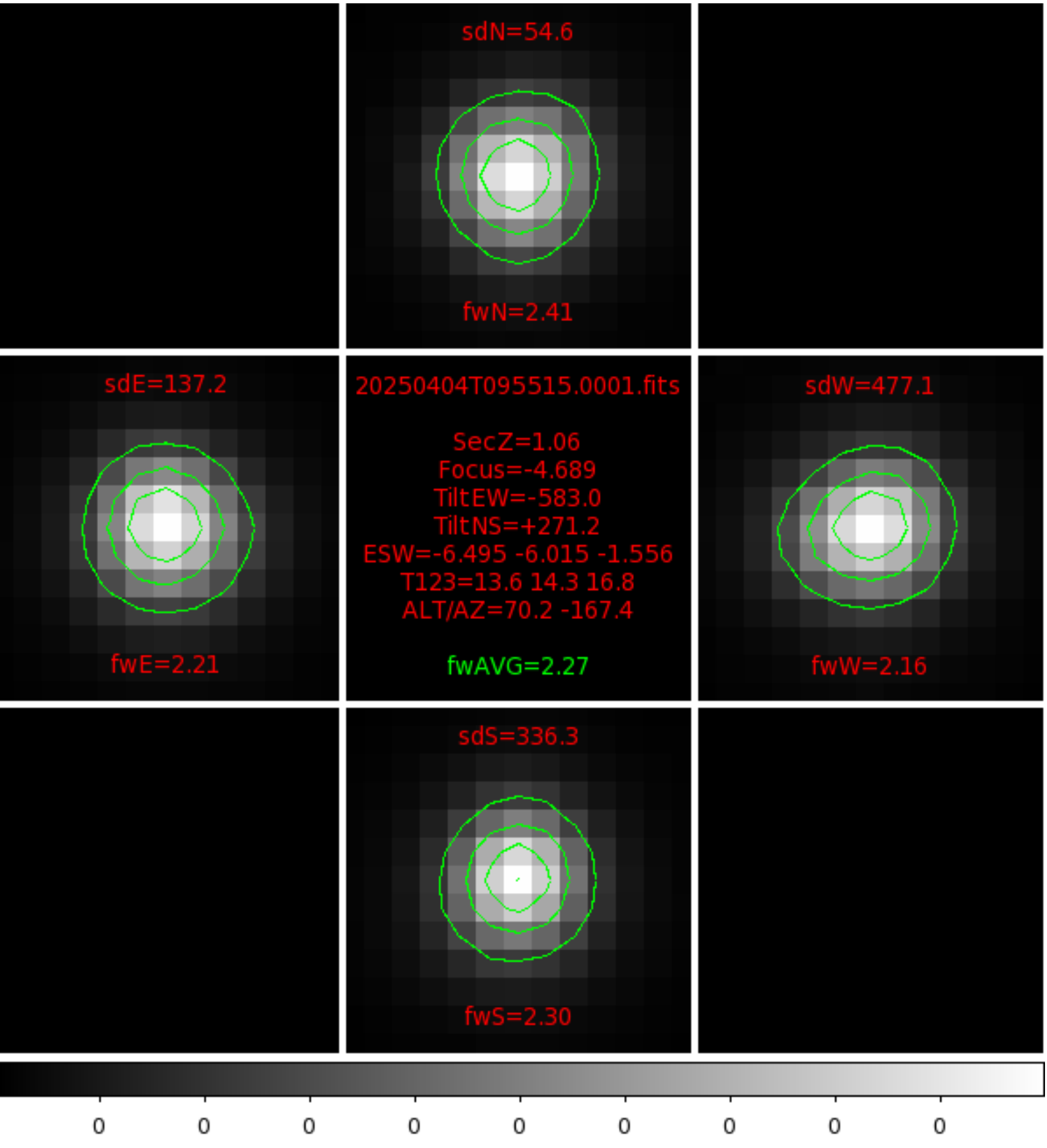

sdN=50.0
fwN=2.57
sdE=139.1
fwE=2.36
20250404T095302.0001.fits
SecZ=1.05
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.6 14.2 16.7
ALT/AZ=72.1 175.8
fwAVG=2.38
sdW=461.8
fwW=2.40
sdS=350.6
fwS=2.19
0 0 0 0 0 0 0 0 0


sdN=54.6
fwN=2.41
sdE=137.2
fwE=2.21
20250404T095515.0001.fits
SecZ=1.06
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.6 14.3 16.8
ALT/AZ=70.2 -167.4
fwAVG=2.27
sdW=477.1
fwW=2.16
sdS=336.3
fwS=2.30
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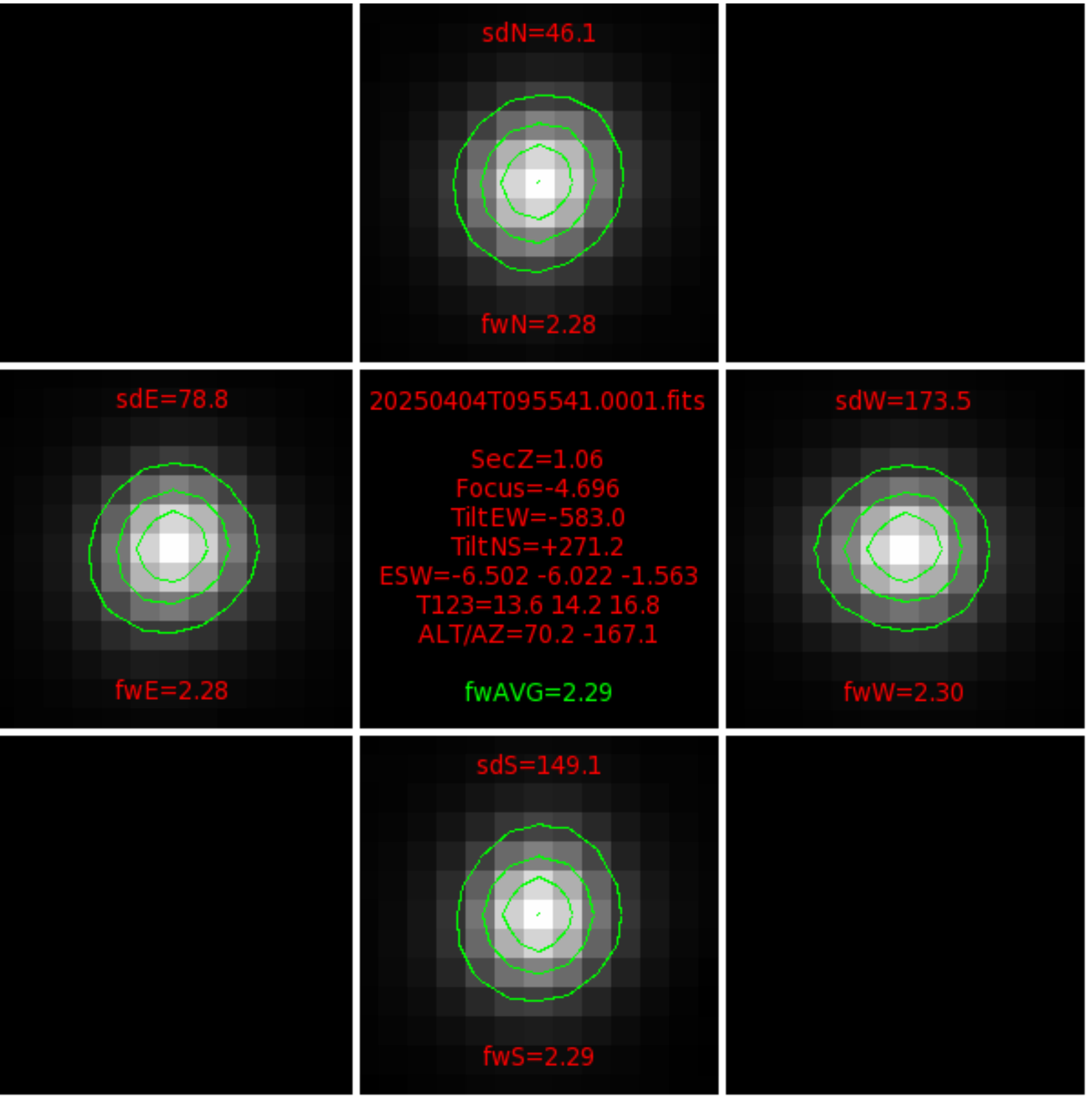
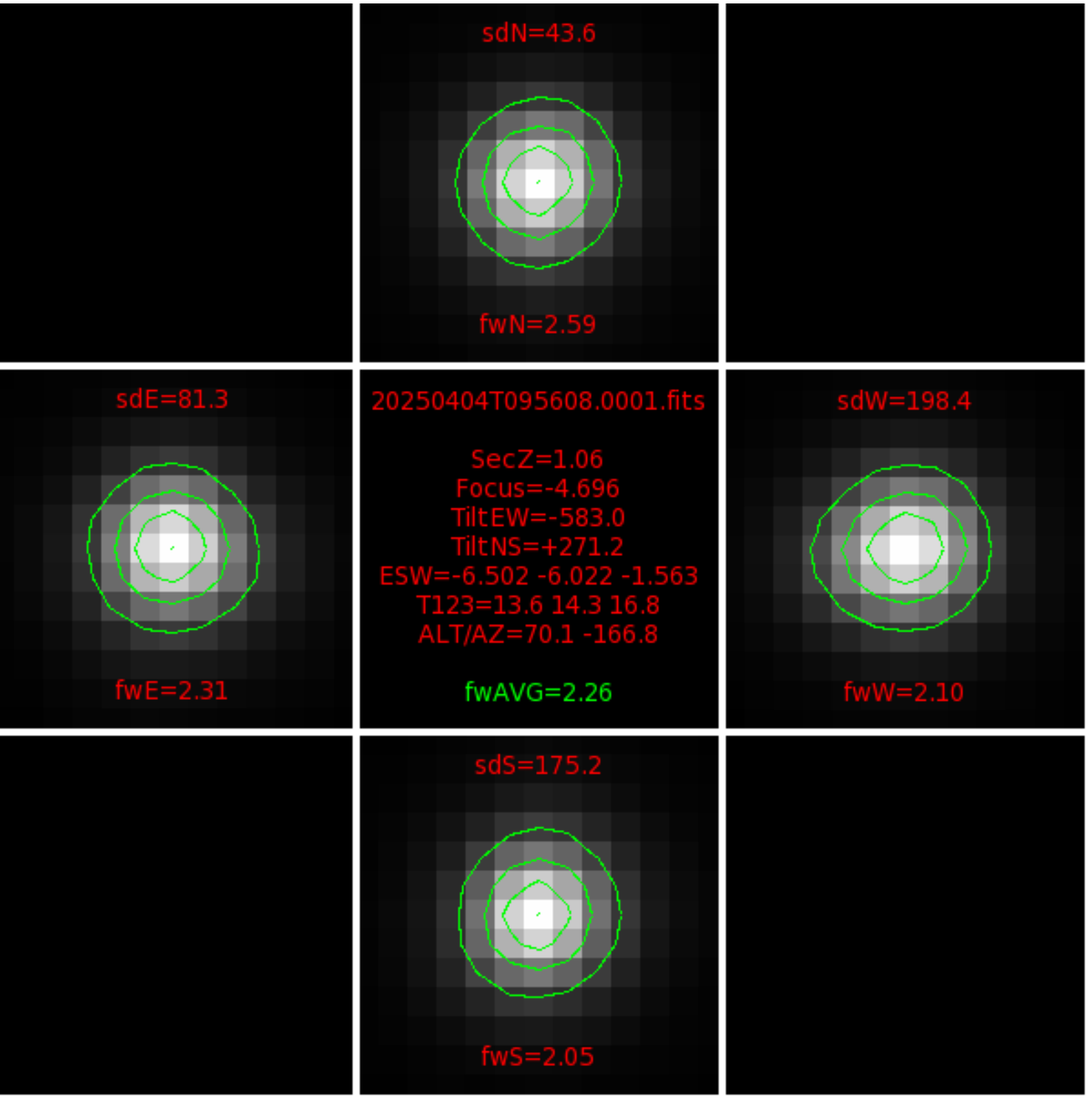
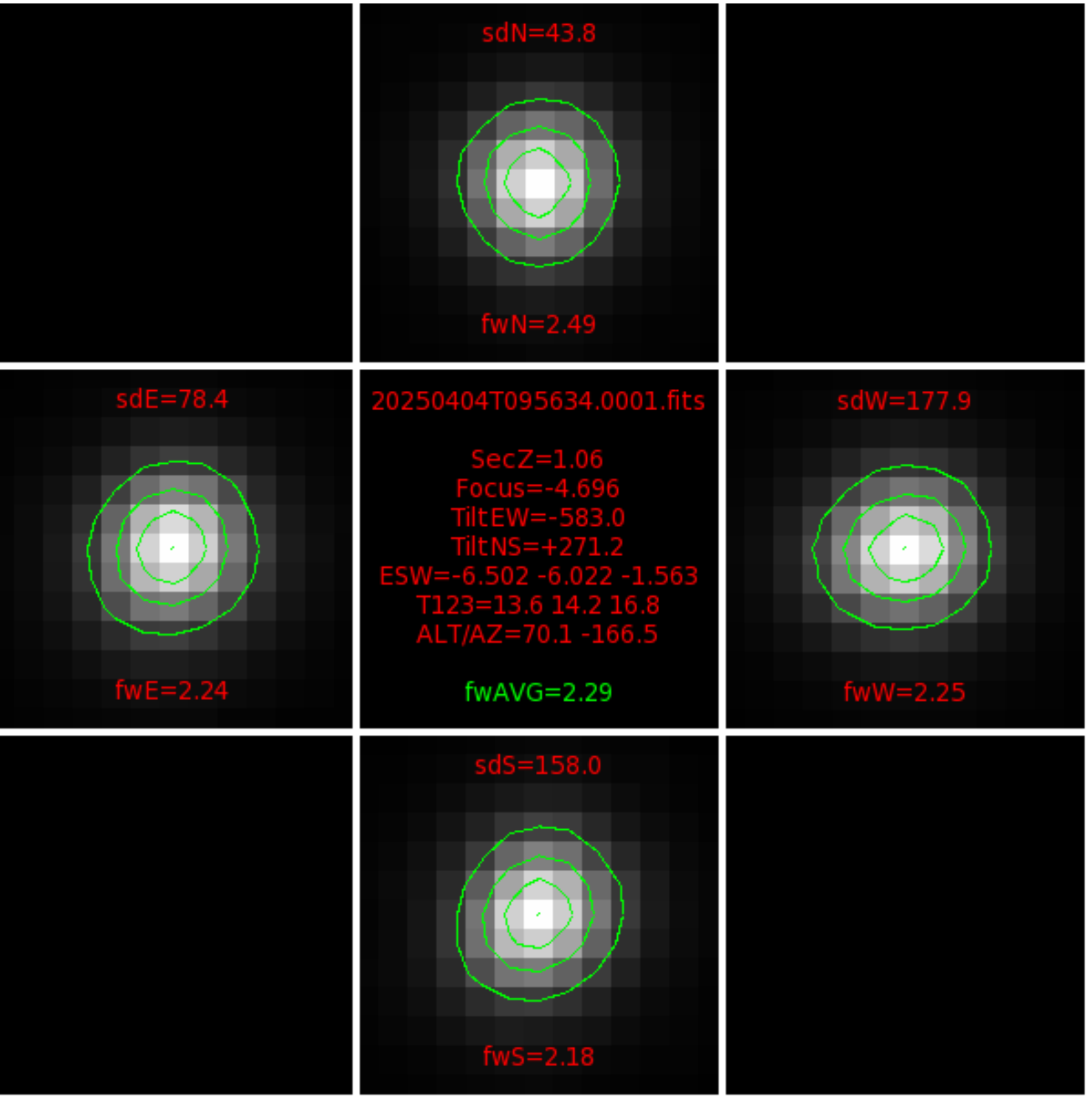

sdN=46.1
fwN=2.28
sdE=78.8
fwE=2.28
20250404T095541.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.6 14.2 16.8
ALT/AZ=70.2 -167.1
fwAVG=2.29
sdW=173.5
fwW=2.30
sdS=149.1
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=43.6
fwN=2.59
sdE=81.3
fwE=2.31
20250404T095608.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.6 14.3 16.8
ALT/AZ=70.1 -166.8
fwAVG=2.26
sdW=198.4
fwW=2.10
sdS=175.2
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=43.8
fwN=2.49
sdE=78.4
fwE=2.24
20250404T095634.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.6 14.2 16.8
ALT/AZ=70.1 -166.5
fwAVG=2.29
sdW=177.9
fwW=2.25
sdS=158.0
fwS=2.18
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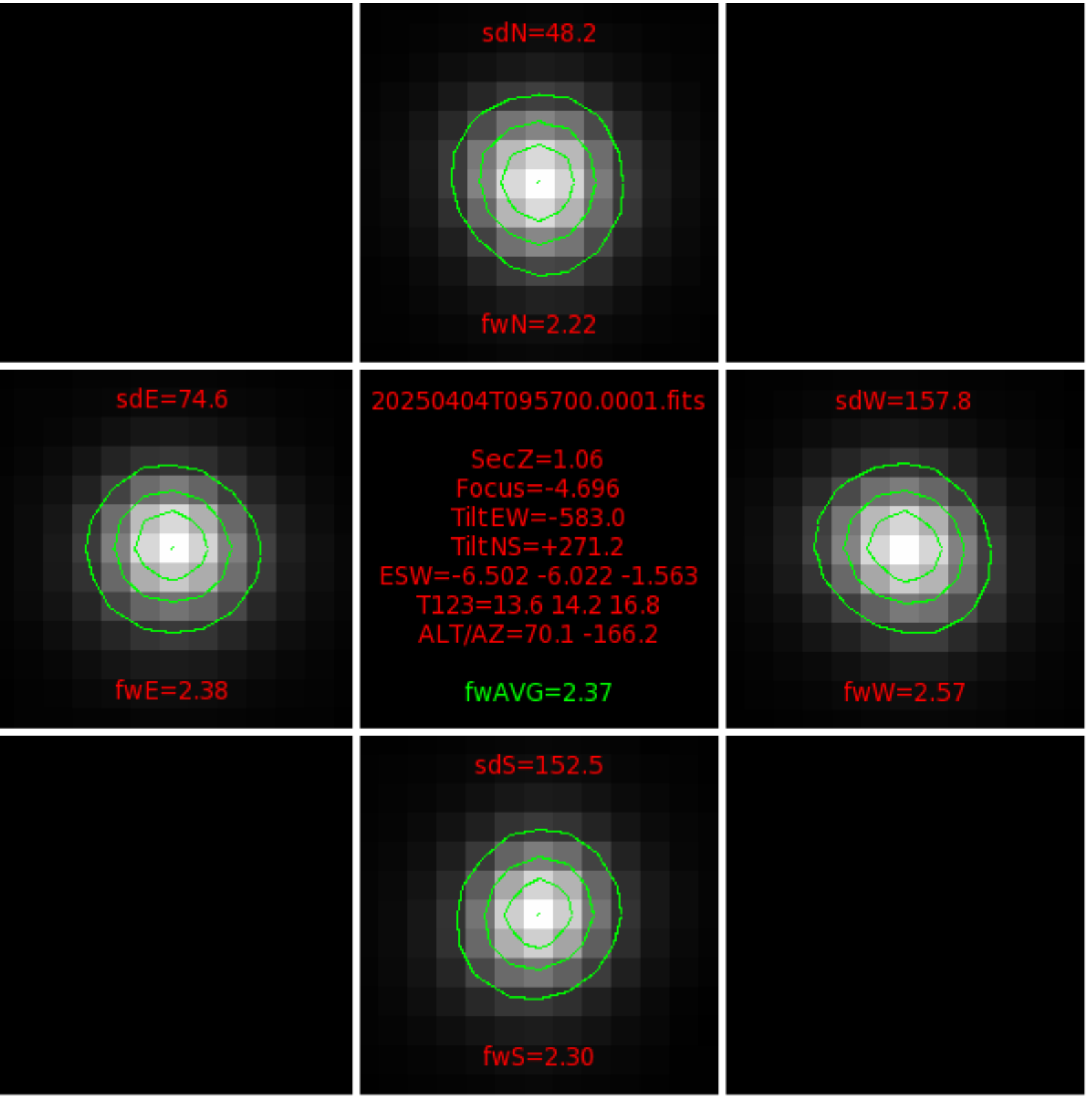
sdN=48.2
fwN=2.22
sdE=74.6
fwE=2.38
20250404T095700.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.6 14.2 16.8
ALT/AZ=70.1 -166.2
fwAVG=2.37
sdW=157.8
fwW=2.57
sdS=152.5
fwS=2.30
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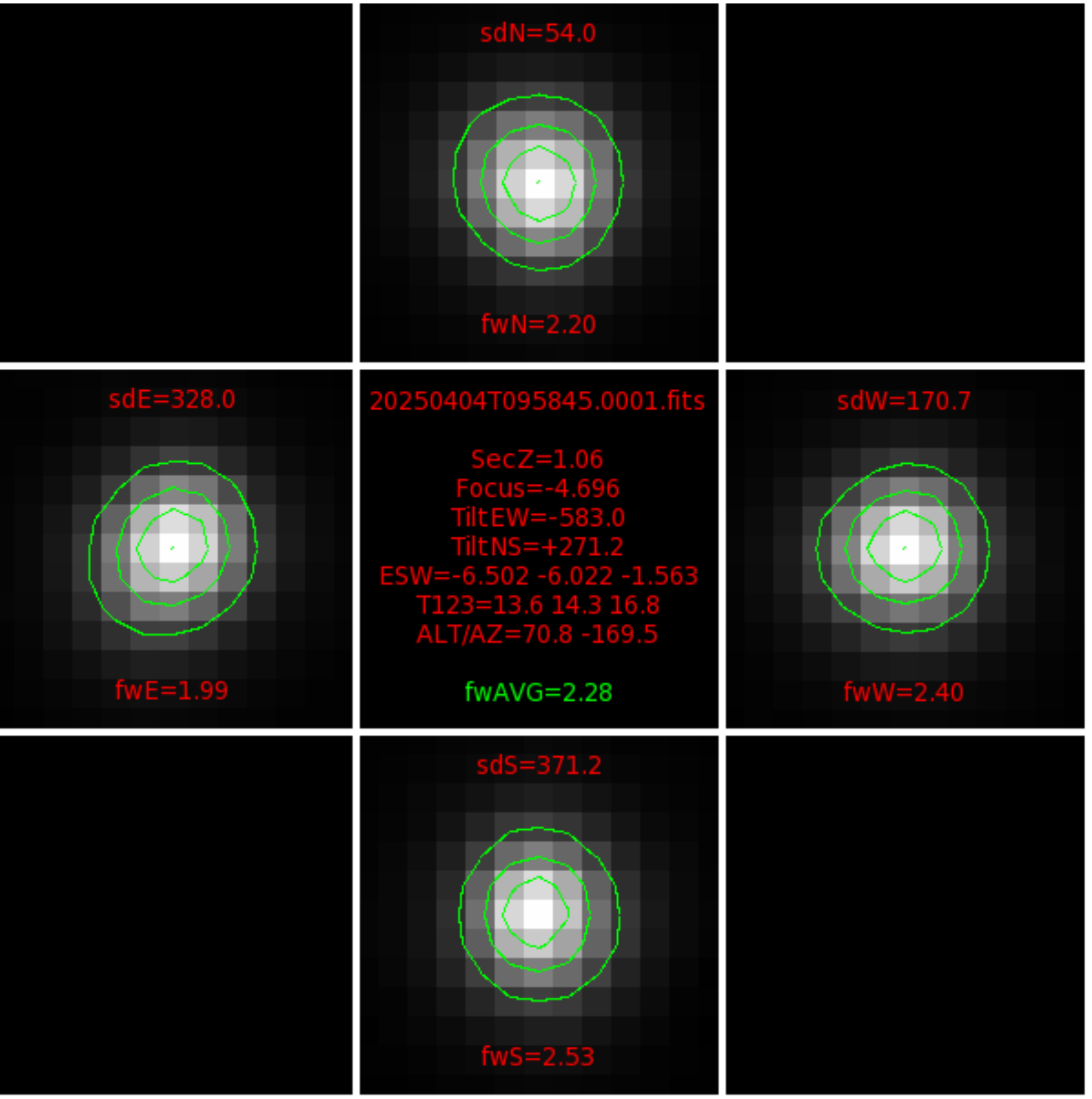
sdN=54.0
fwN=2.20
sdE=328.0
fwE=1.99
20250404T095845.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.6 14.3 16.8
ALT/AZ=70.8 -169.5
fwAVG=2.28
sdW=170.7
fwW=2.40
sdS=371.2
fwS=2.53
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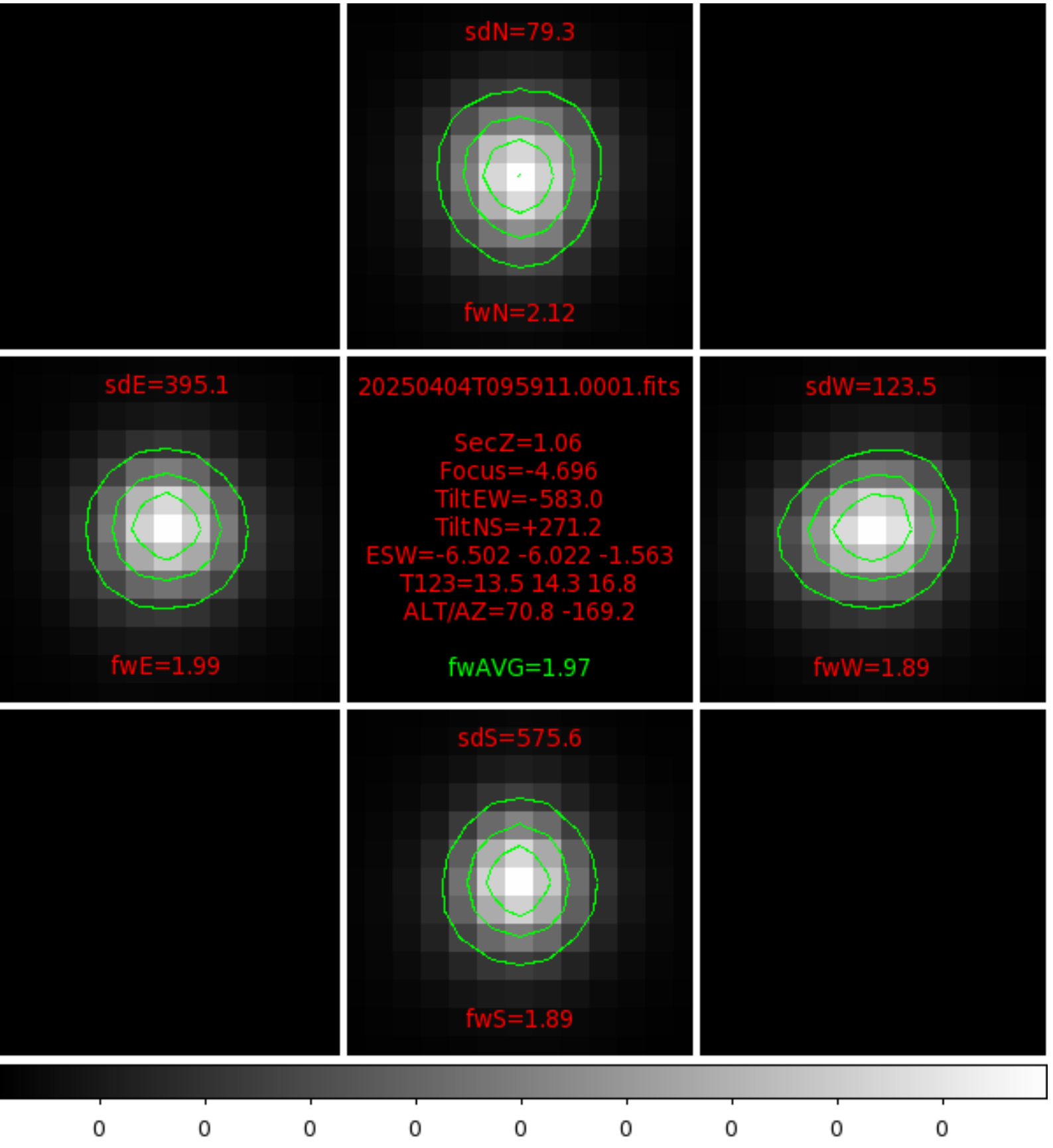
sdN=79.3
fwN=2.12
sdE=395.1
fwE=1.99
20250404T095911.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.5 14.3 16.8
ALT/AZ=70.8 -169.2
fwAVG=1.97
sdW=123.5
fwW=1.89
sdS=575.6
fwS=1.89
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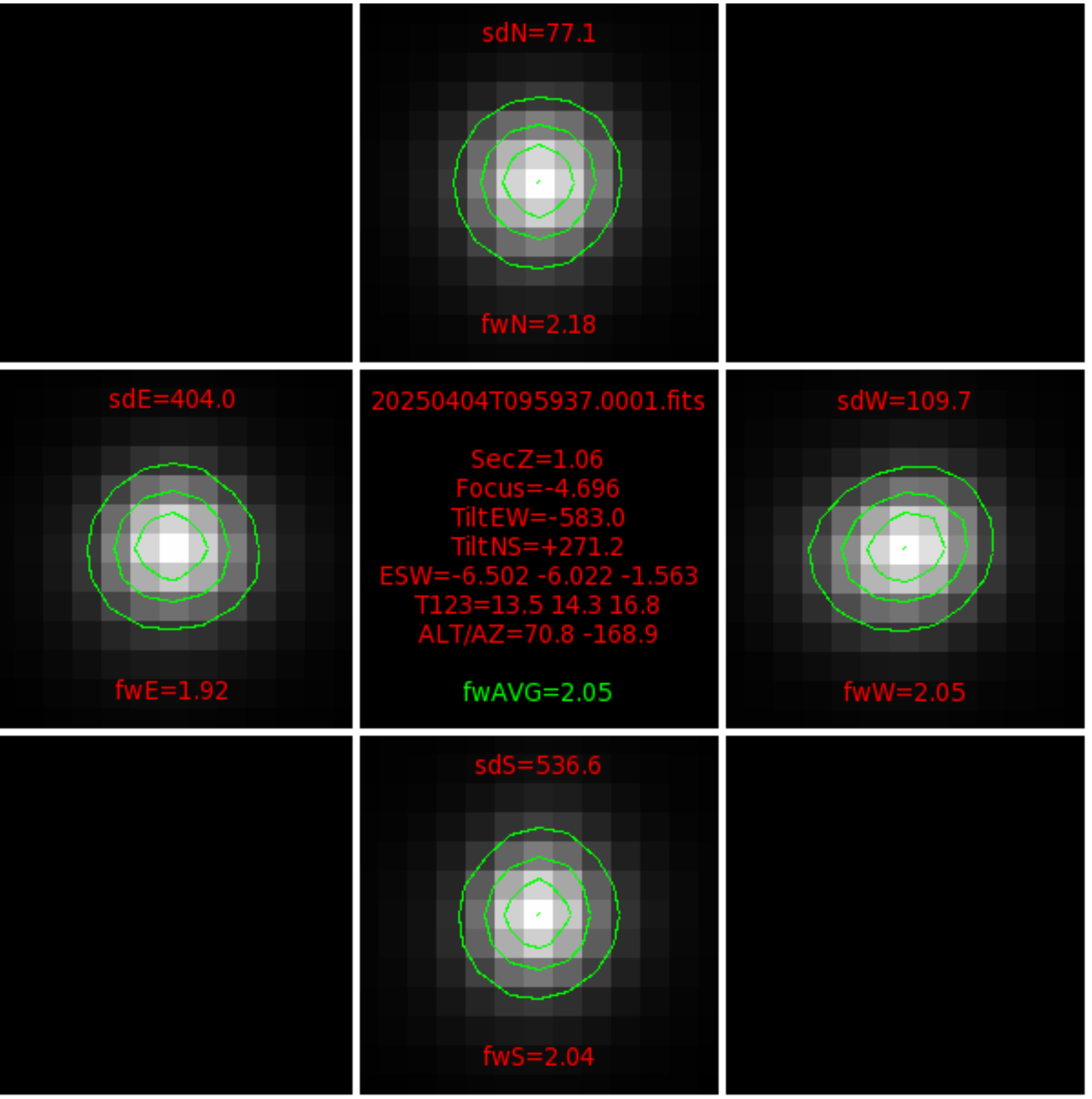
sdN=77.1
fwN=2.18
sdE=404.0
fwE=1.92
20250404T095937.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.5 14.3 16.8
ALT/AZ=70.8 -168.9
fwAVG=2.05
sdW=109.7
fwW=2.05
sdS=536.6
fwS=2.04
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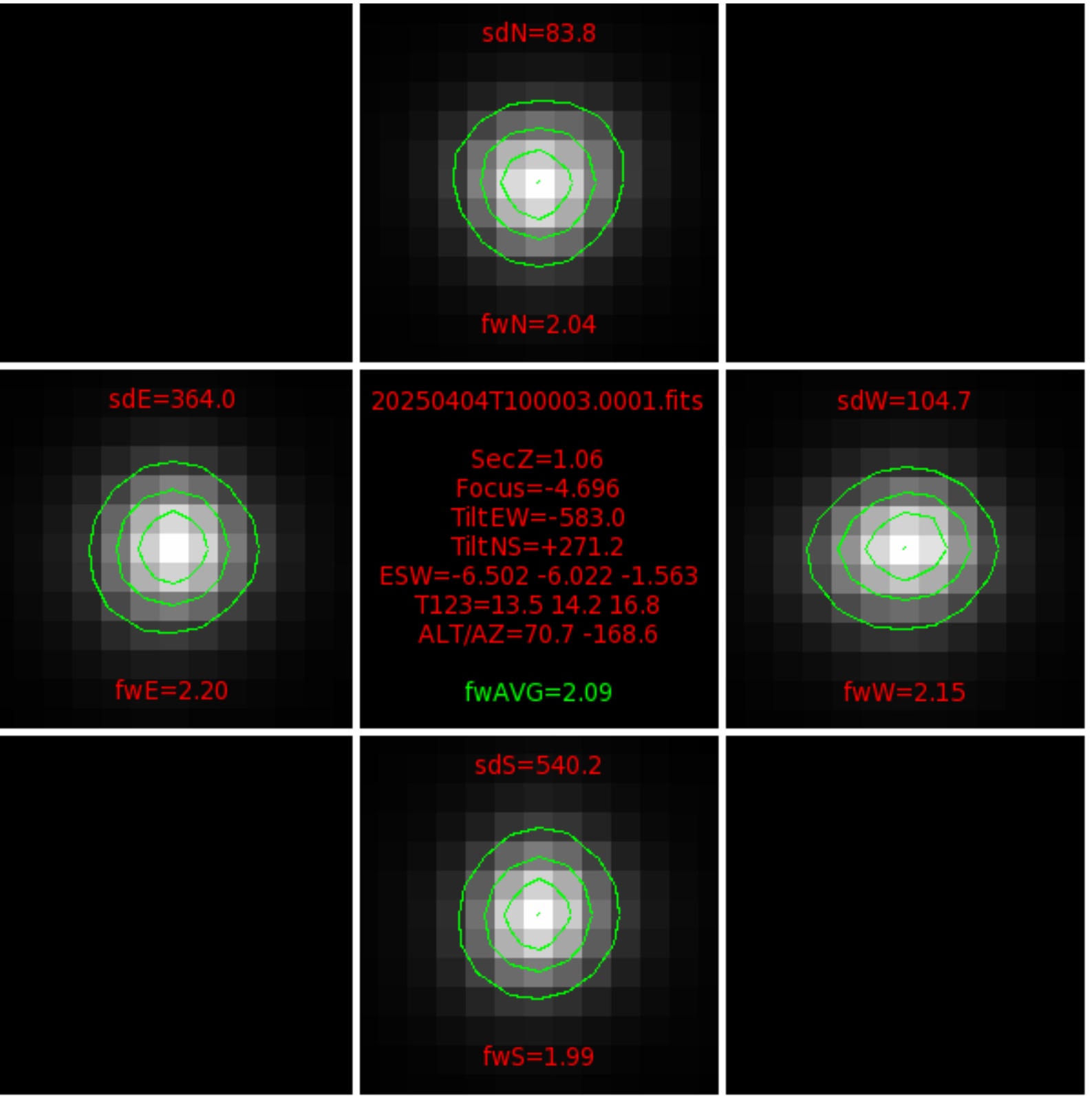
sdN=83.8
fwN=2.04
sdE=364.0
fwE=2.20
20250404T100003.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.5 14.2 16.8
ALT/AZ=70.7 -168.6
fwAVG=2.09
sdW=104.7
fwW=2.15
sdS=540.2
fwS=1.99
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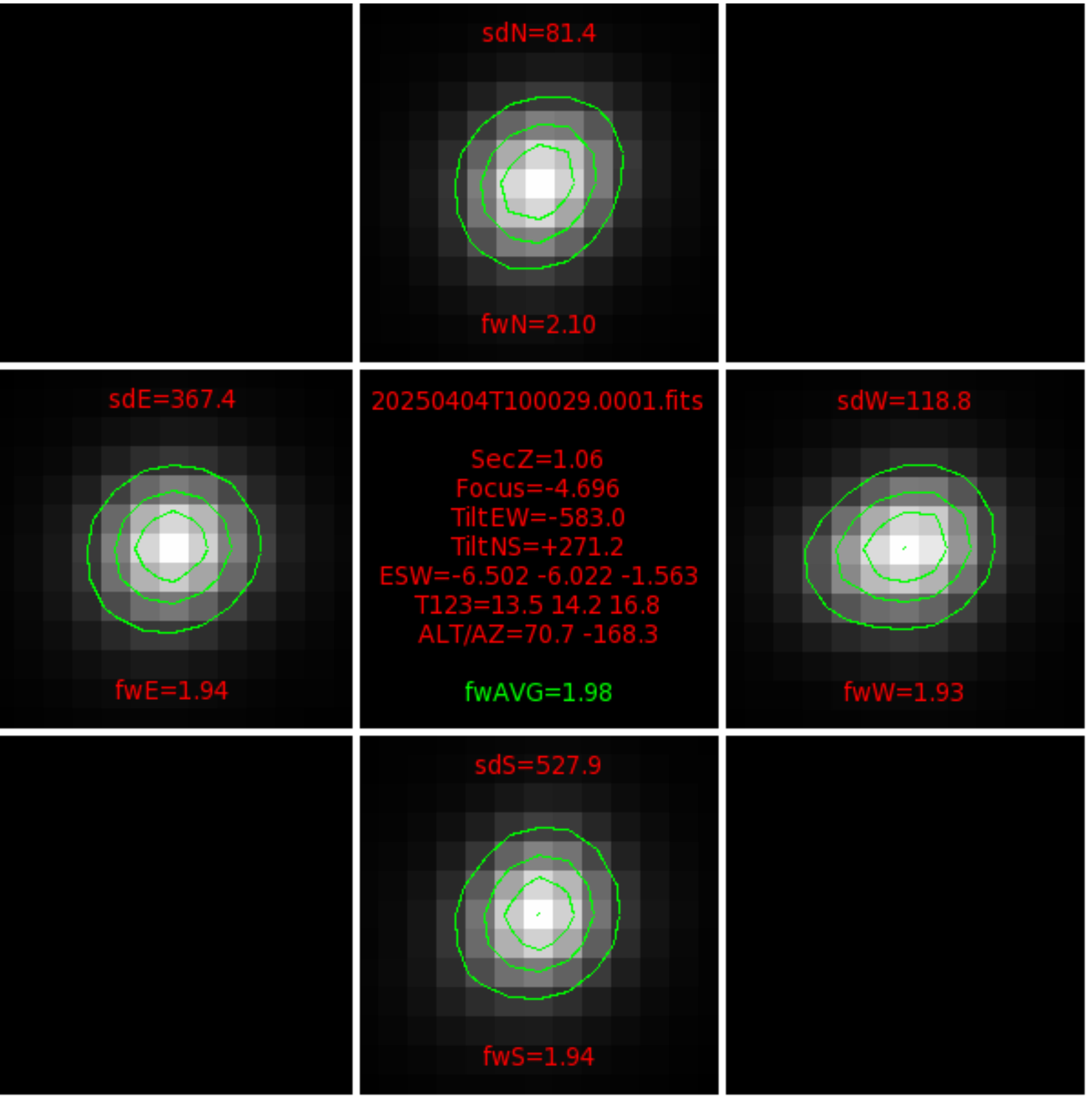
sdN=81.4
fwN=2.10
sdE=367.4
fwE=1.94
20250404T100029.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.5 14.2 16.8
ALT/AZ=70.7 -168.3
fwAVG=1.98
sdW=118.8
fwW=1.93
sdS=527.9
fwS=1.94
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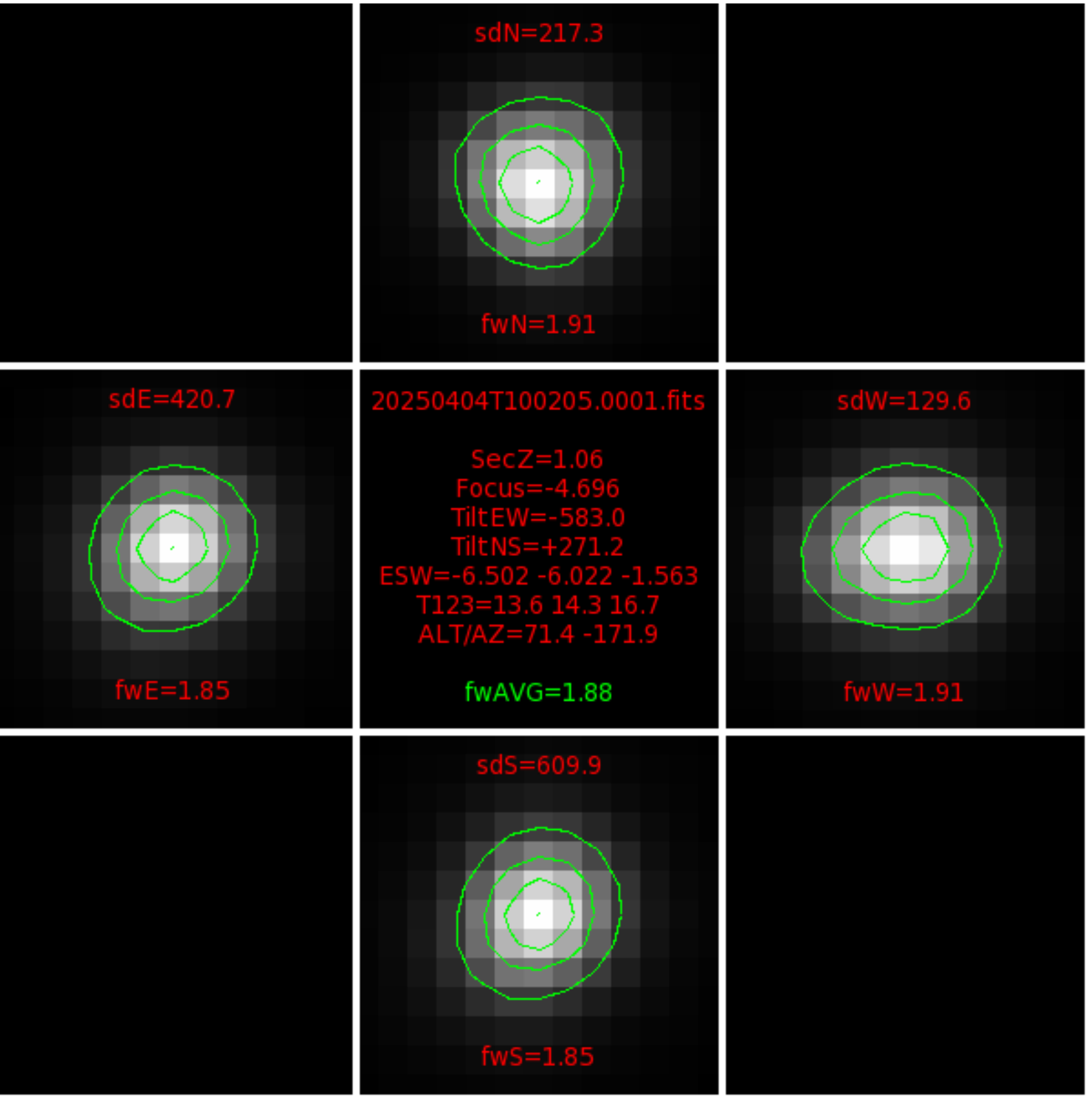
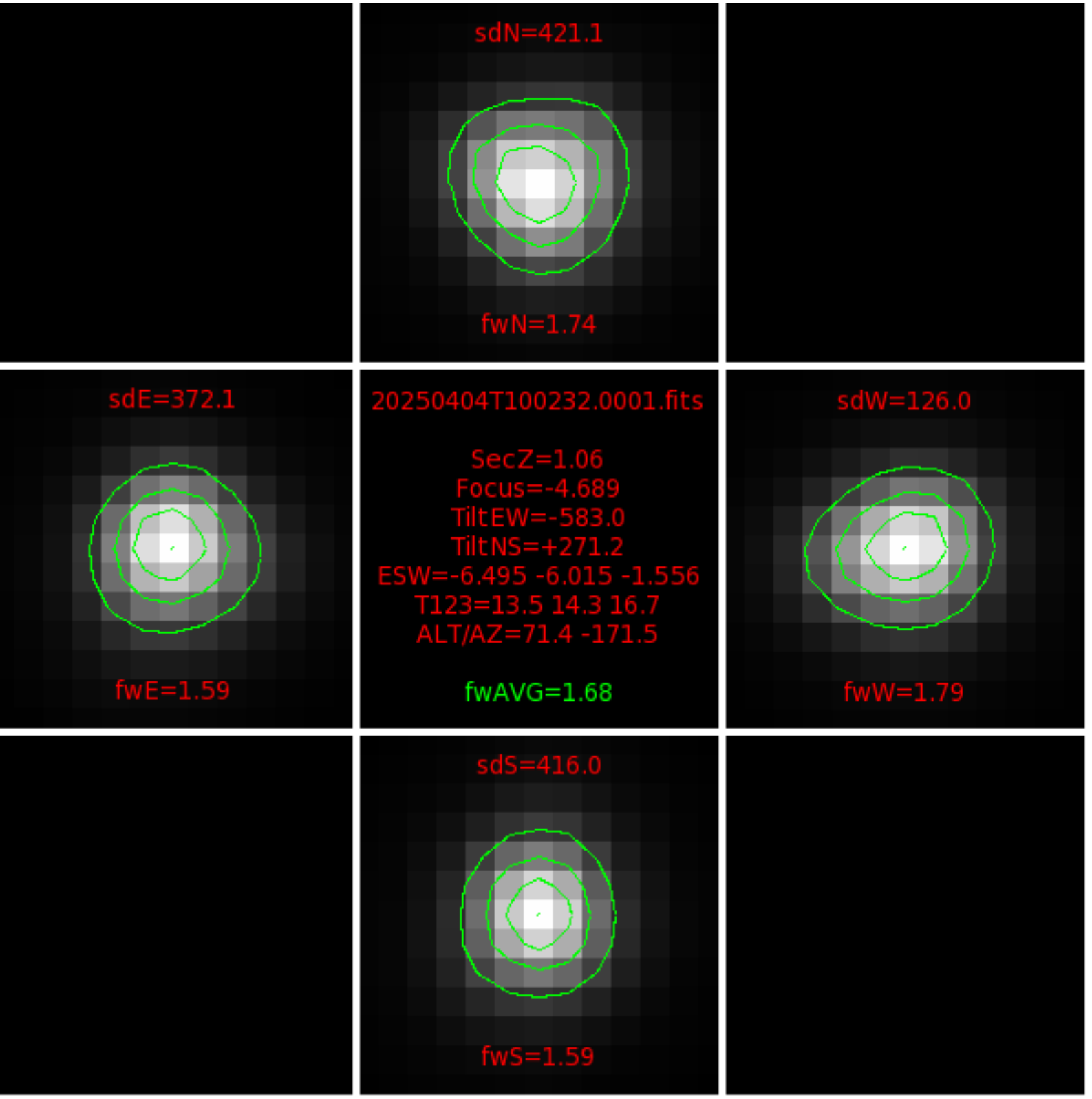

sdN=217.3
fwN=1.91
sdE=420.7
fwE=1.85
20250404T100205.0001.fits
SecZ=1.06
Focus=-4.696
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.502 -6.022 -1.563
T123=13.6 14.3 16.7
ALT/AZ=71.4 -171.9
fwAVG=1.88
sdW=129.6
fwW=1.91
sdS=609.9
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=421.1
fwN=1.74
sdE=372.1
fwE=1.59
20250404T100232.0001.fits
SecZ=1.06
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.5 14.3 16.7
ALT/AZ=71.4 -171.5
fwAVG=1.68
sdW=126.0
fwW=1.79
sdS=416.0
fwS=1.59
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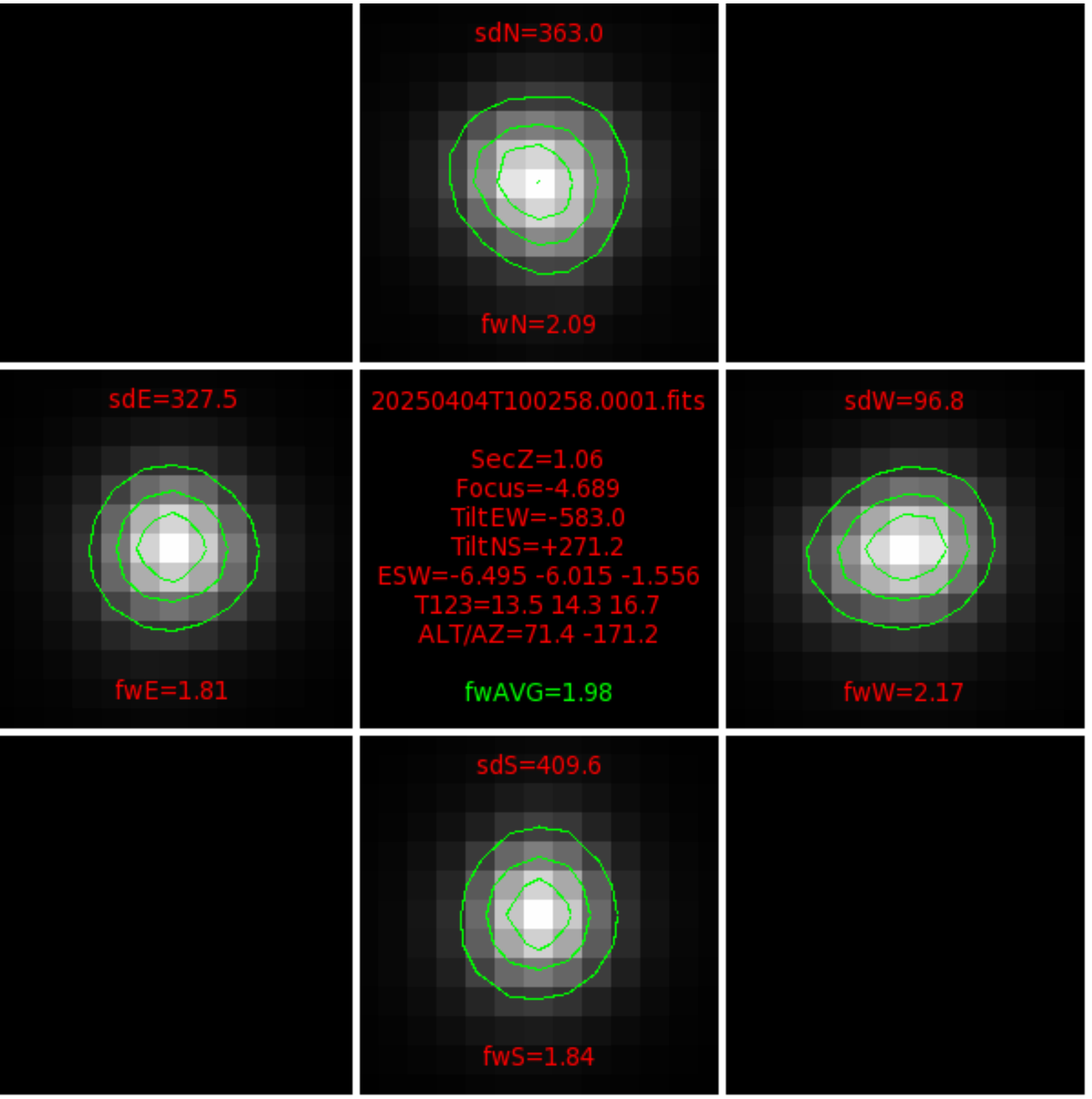
sdN=363.0
fwN=2.09
sdE=327.5
fwE=1.81
20250404T100258.0001.fits
SecZ=1.06
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.5 14.3 16.7
ALT/AZ=71.4 -171.2
fwAVG=1.98
sdW=96.8
fwW=2.17
sdS=409.6
fwS=1.84
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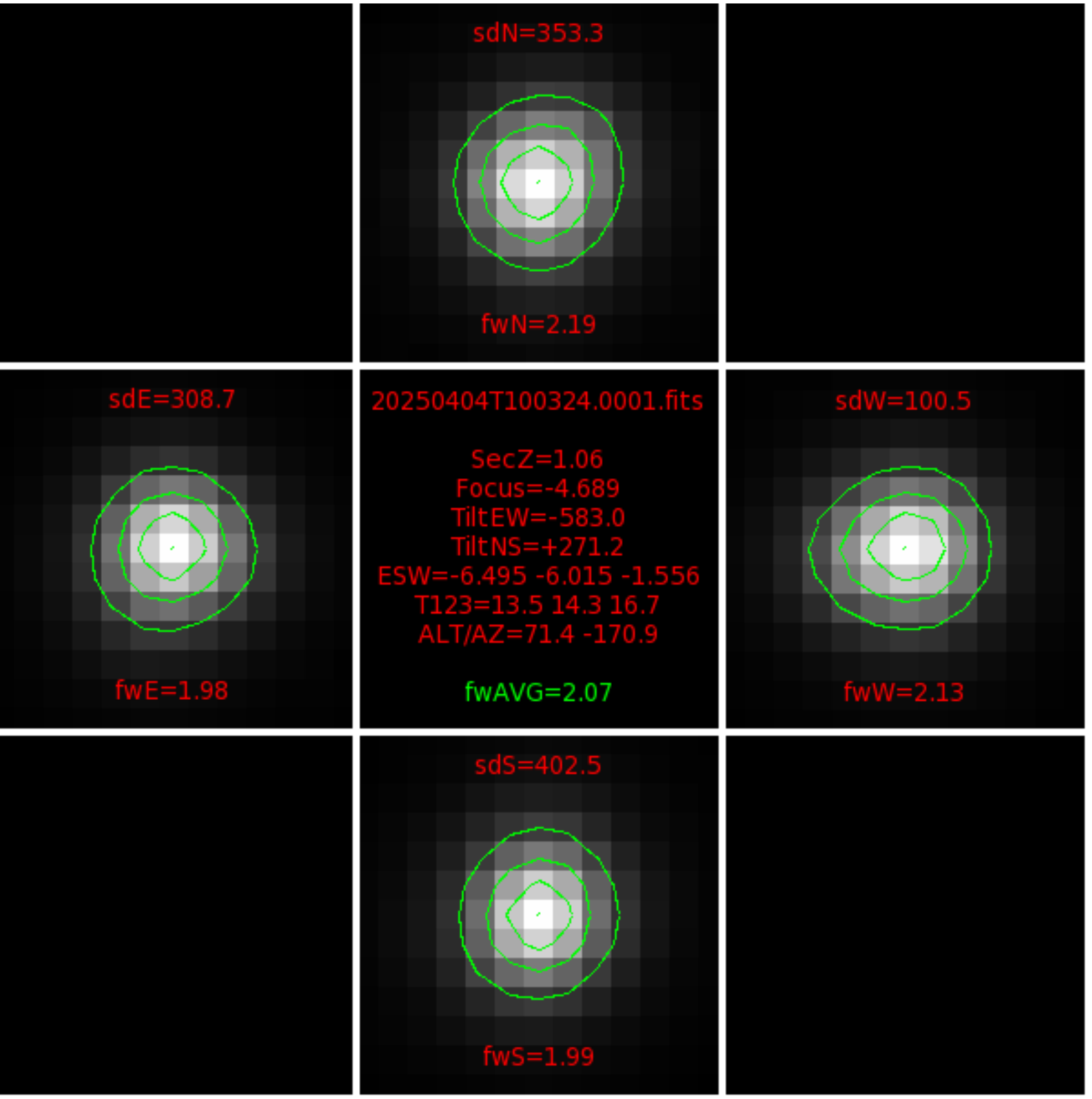
sdN=353.3
fwN=2.19
sdE=308.7
fwE=1.98
20250404T100324.0001.fits
SecZ=1.06
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.5 14.3 16.7
ALT/AZ=71.4 -170.9
fwAVG=2.07
sdW=100.5
fwW=2.13
sdS=402.5
fwS=1.99
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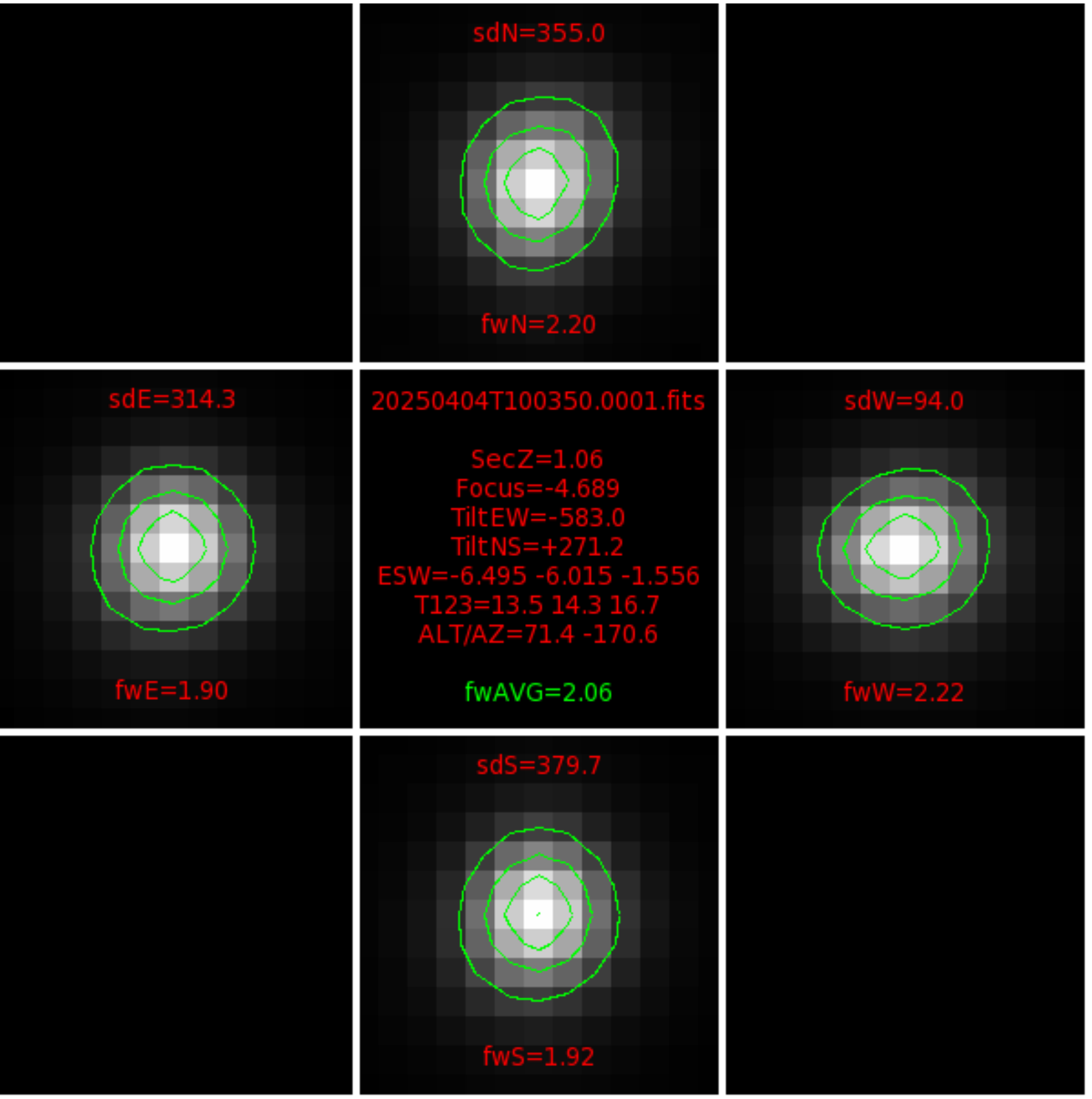
sdN=355.0
fwN=2.20
sdE=314.3
fwE=1.90
20250404T100350.0001.fits
SecZ=1.06
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.5 14.3 16.7
ALT/AZ=71.4 -170.6
fwAVG=2.06
sdW=94.0
fwW=2.22
sdS=379.7
fwS=1.92
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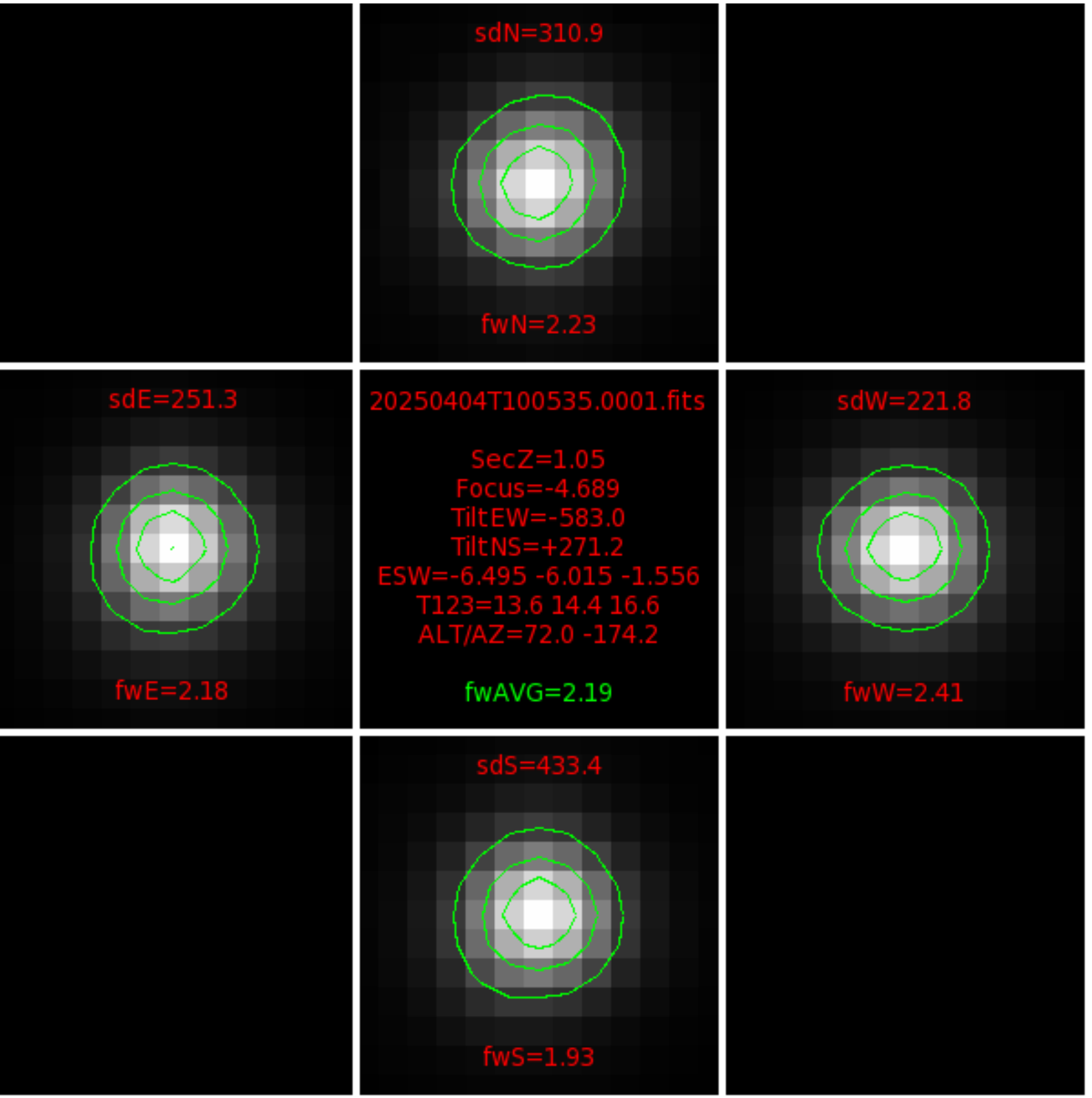
sdN=310.9
fwN=2.23
sdE=251.3
fwE=2.18
20250404T100535.0001.fits
SecZ=1.05
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.6 14.4 16.6
ALT/AZ=72.0 -174.2
fwAVG=2.19
sdW=221.8
fwW=2.41
sdS=433.4
fwS=1.93
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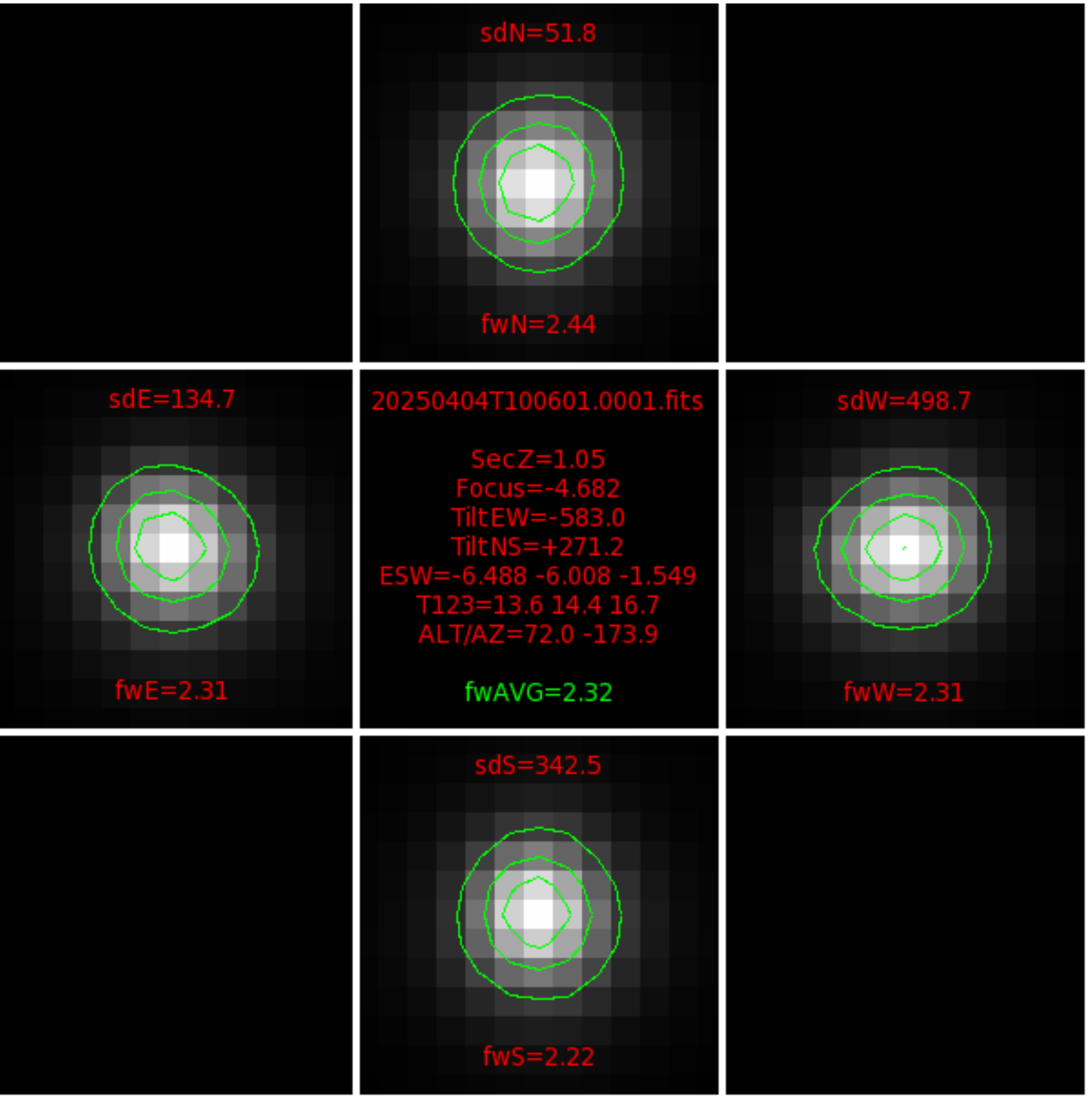
sdN=51.8
fwN=2.44
sdE=134.7
fwE=2.31
20250404T100601.0001.fits
SecZ=1.05
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.6 14.4 16.7
ALT/AZ=72.0 -173.9
fwAVG=2.32
sdW=498.7
fwW=2.31
sdS=342.5
fwS=2.22
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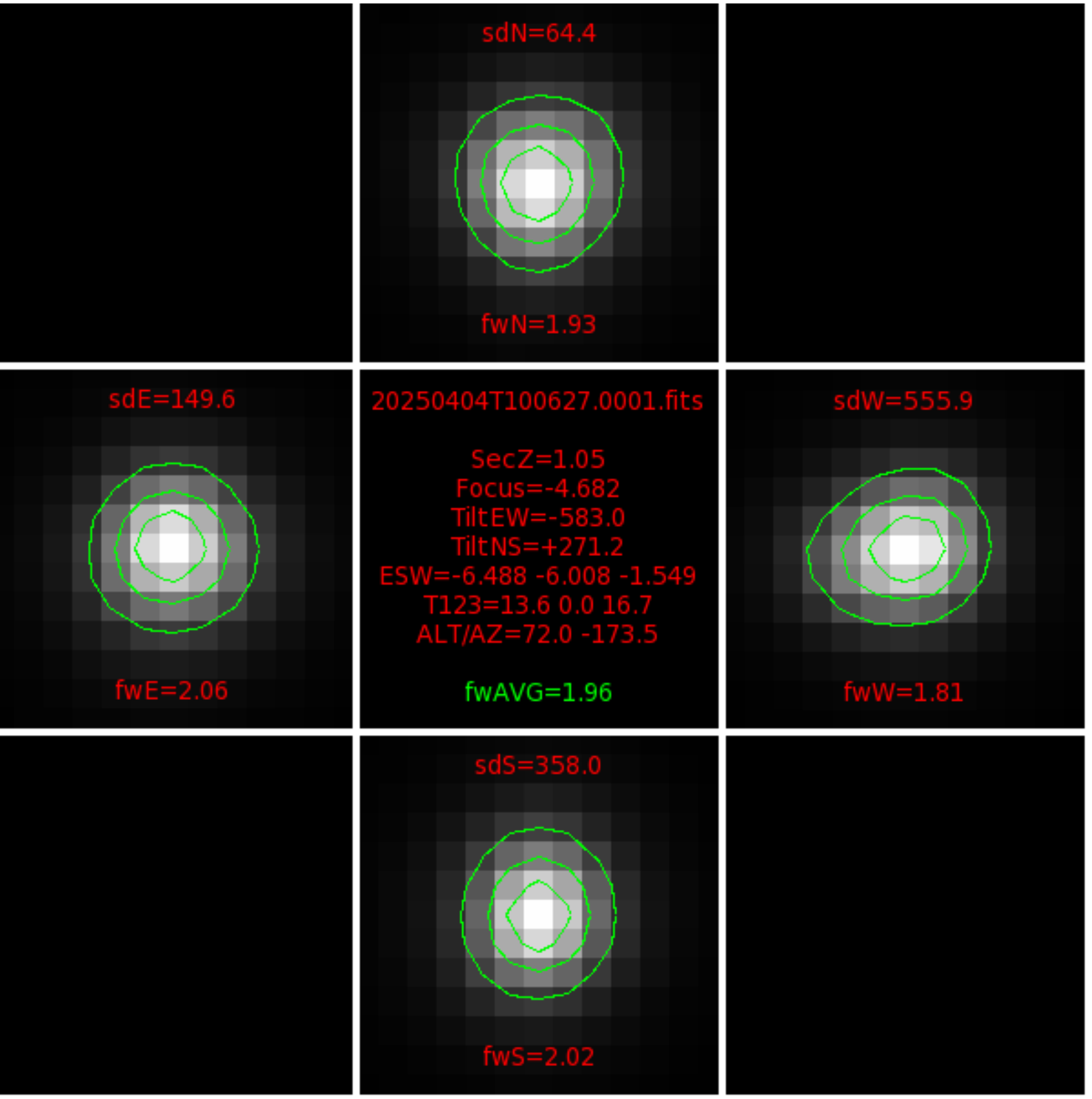
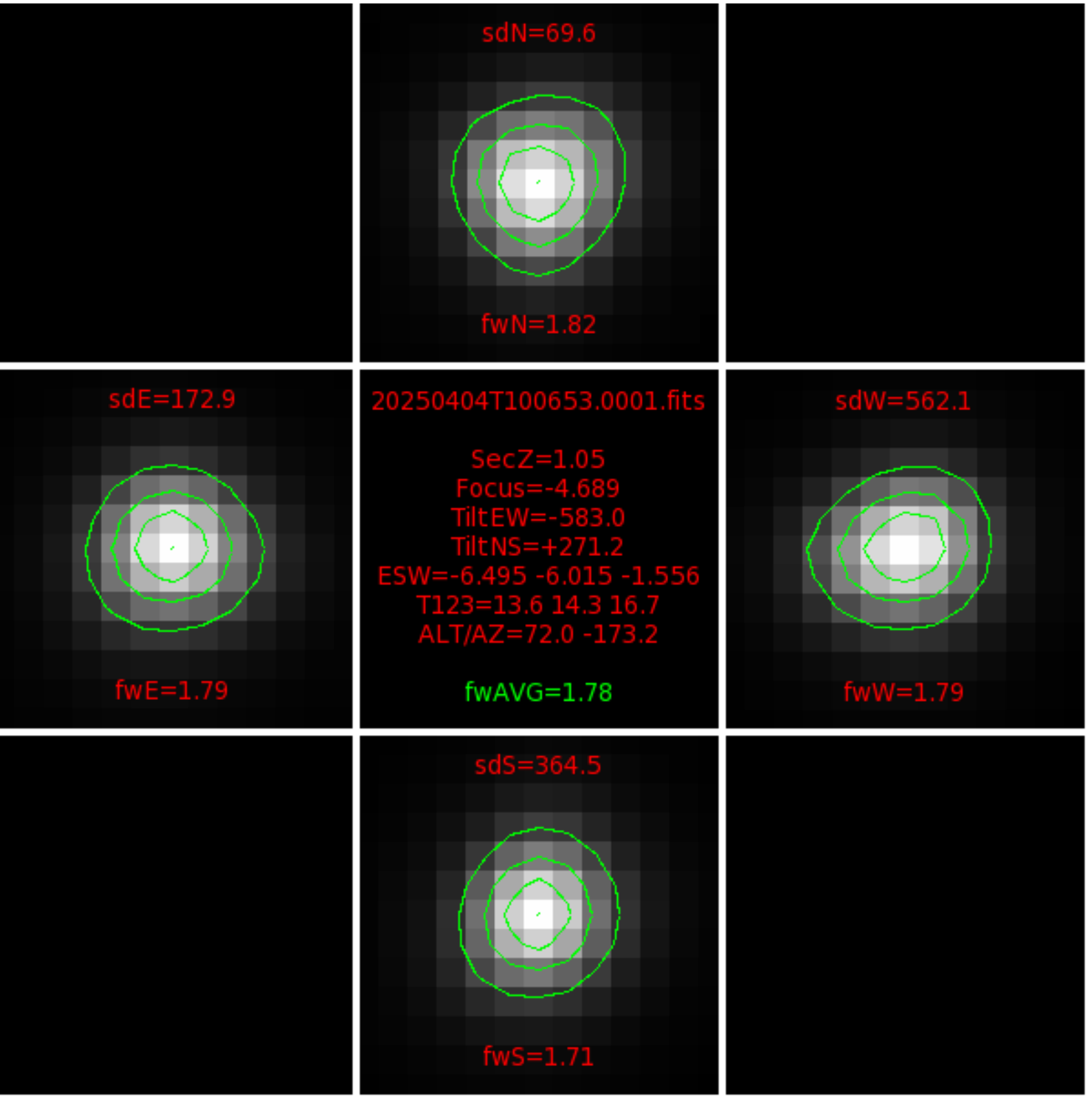

sdN=64.4
fwN=1.93
sdE=149.6
fwE=2.06
20250404T100627.0001.fits
SecZ=1.05
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.6 0.0 16.7
ALT/AZ=72.0 -173.5
fwAVG=1.96
sdW=555.9
fwW=1.81
sdS=358.0
fwS=2.02
0 0 0 0 0 0 0 0 0


sdN=69.6
fwN=1.82
sdE=172.9
fwE=1.79
20250404T100653.0001.fits
SecZ=1.05
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.6 14.3 16.7
ALT/AZ=72.0 -173.2
fwAVG=1.78
sdW=562.1
fwW=1.79
sdS=364.5
fwS=1.71
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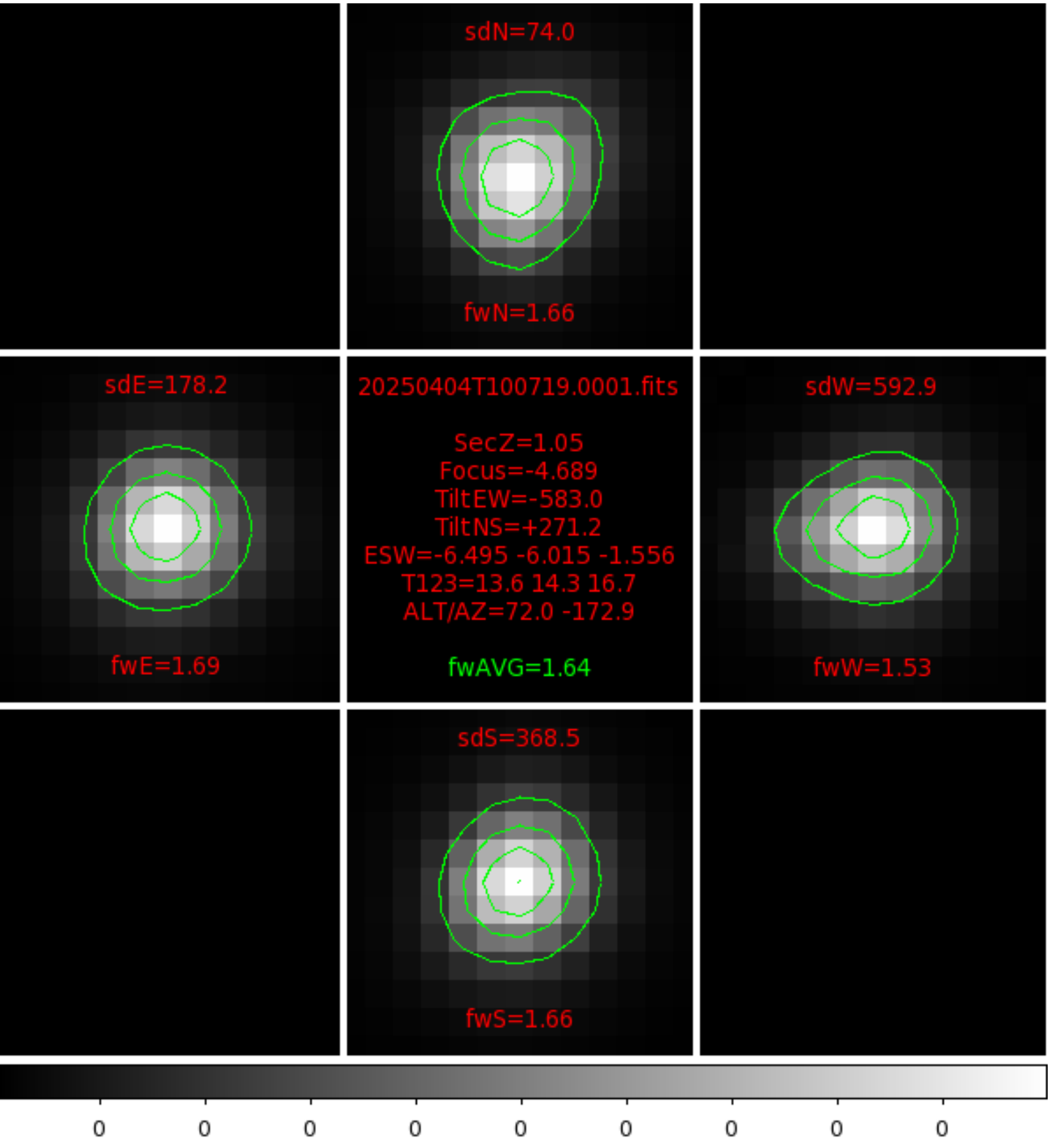
sdN=74.0
fwN=1.66
sdE=178.2
fwE=1.69
20250404T100719.0001.fits
SecZ=1.05
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.6 14.3 16.7
ALT/AZ=72.0 -172.9
fwAVG=1.64
sdW=592.9
fwW=1.53
sdS=368.5
fwS=1.66
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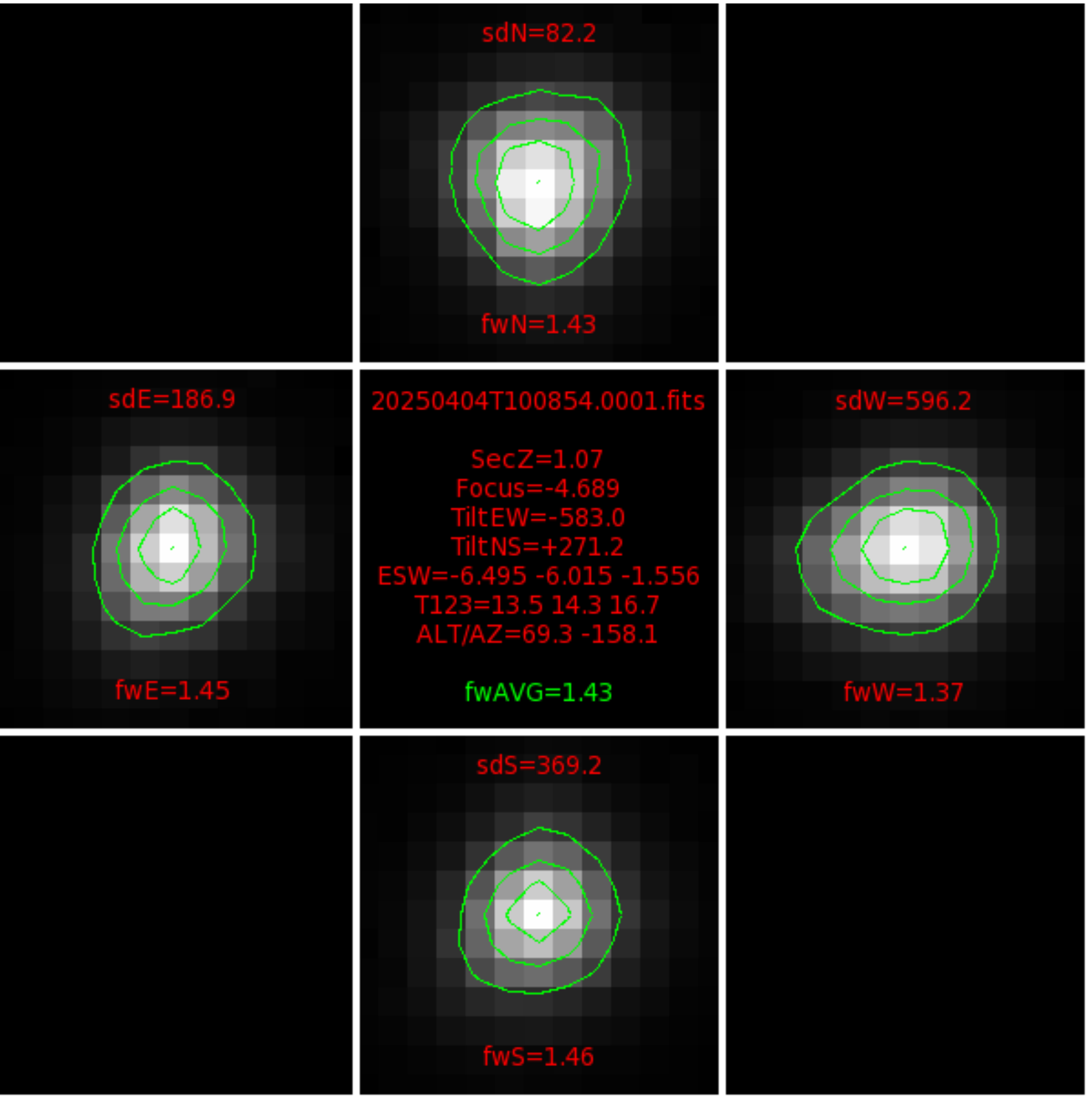
sdN=82.2
fwN=1.43
sdE=186.9
fwE=1.45
20250404T100854.0001.fits
SecZ=1.07
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.5 14.3 16.7
ALT/AZ=69.3 -158.1
fwAVG=1.43
sdW=596.2
fwW=1.37
sdS=369.2
fwS=1.46
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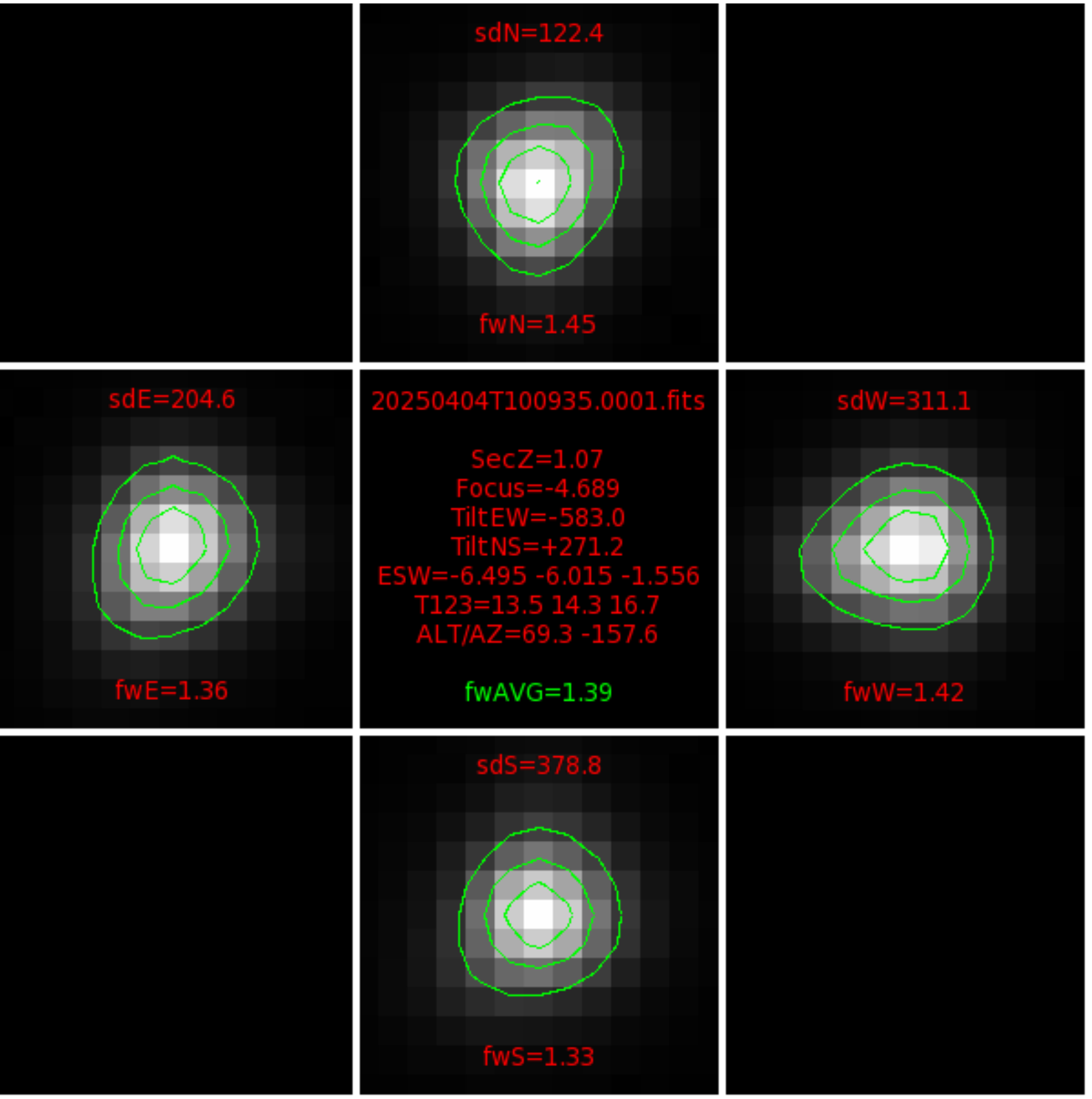
sdN=122.4
fwN=1.45
sdE=204.6
fwE=1.36
20250404T100935.0001.fits
SecZ=1.07
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.5 14.3 16.7
ALT/AZ=69.3 -157.6
fwAVG=1.39
sdW=311.1
fwW=1.42
sdS=378.8
fwS=1.33
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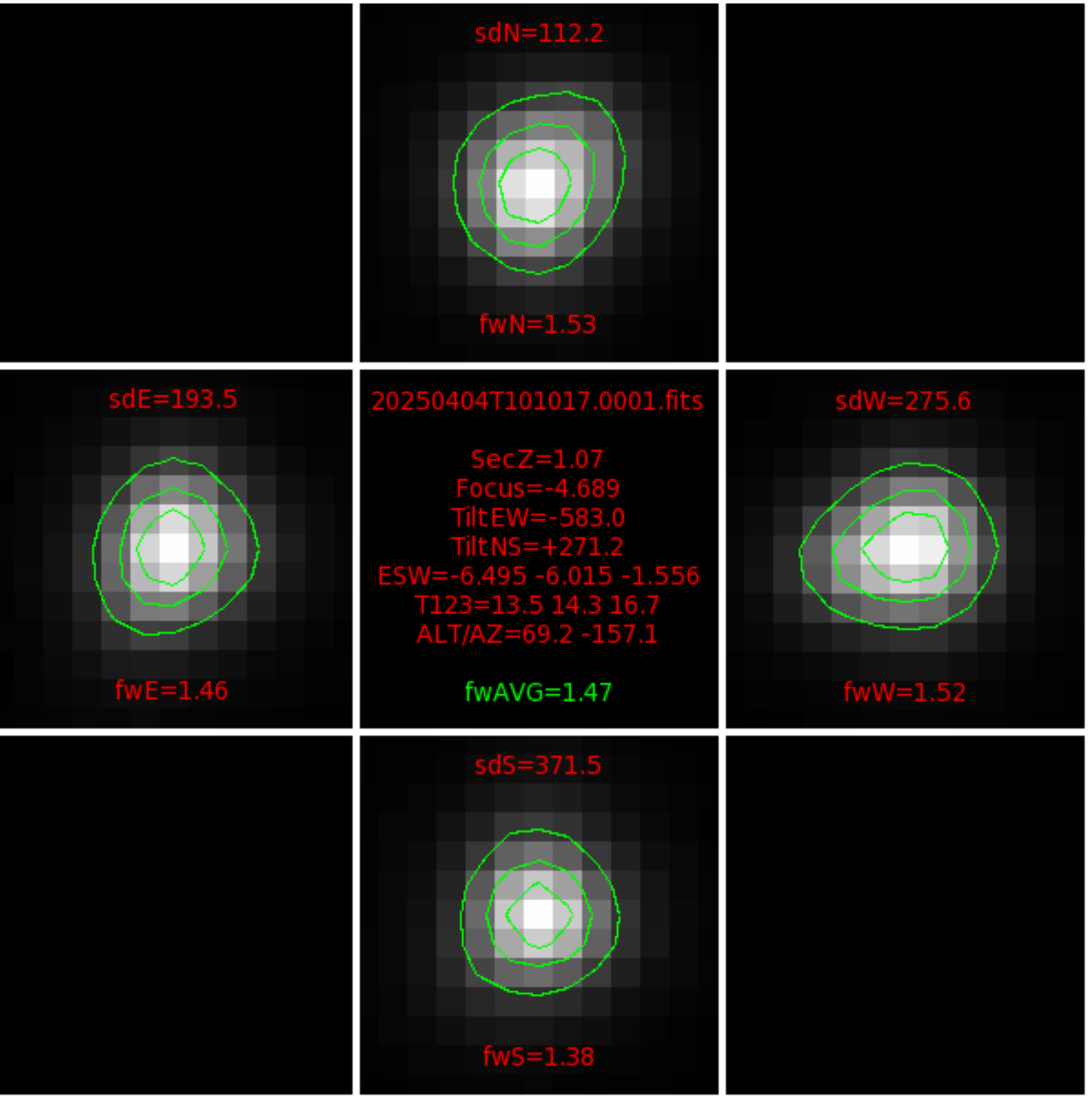
sdN=112.2
fwN=1.53
sdE=193.5
fwE=1.46
20250404T101017.0001.fits
SecZ=1.07
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.5 14.3 16.7
ALT/AZ=69.2 -157.1
fwAVG=1.47
sdW=275.6
fwW=1.52
sdS=371.5
fwS=1.38
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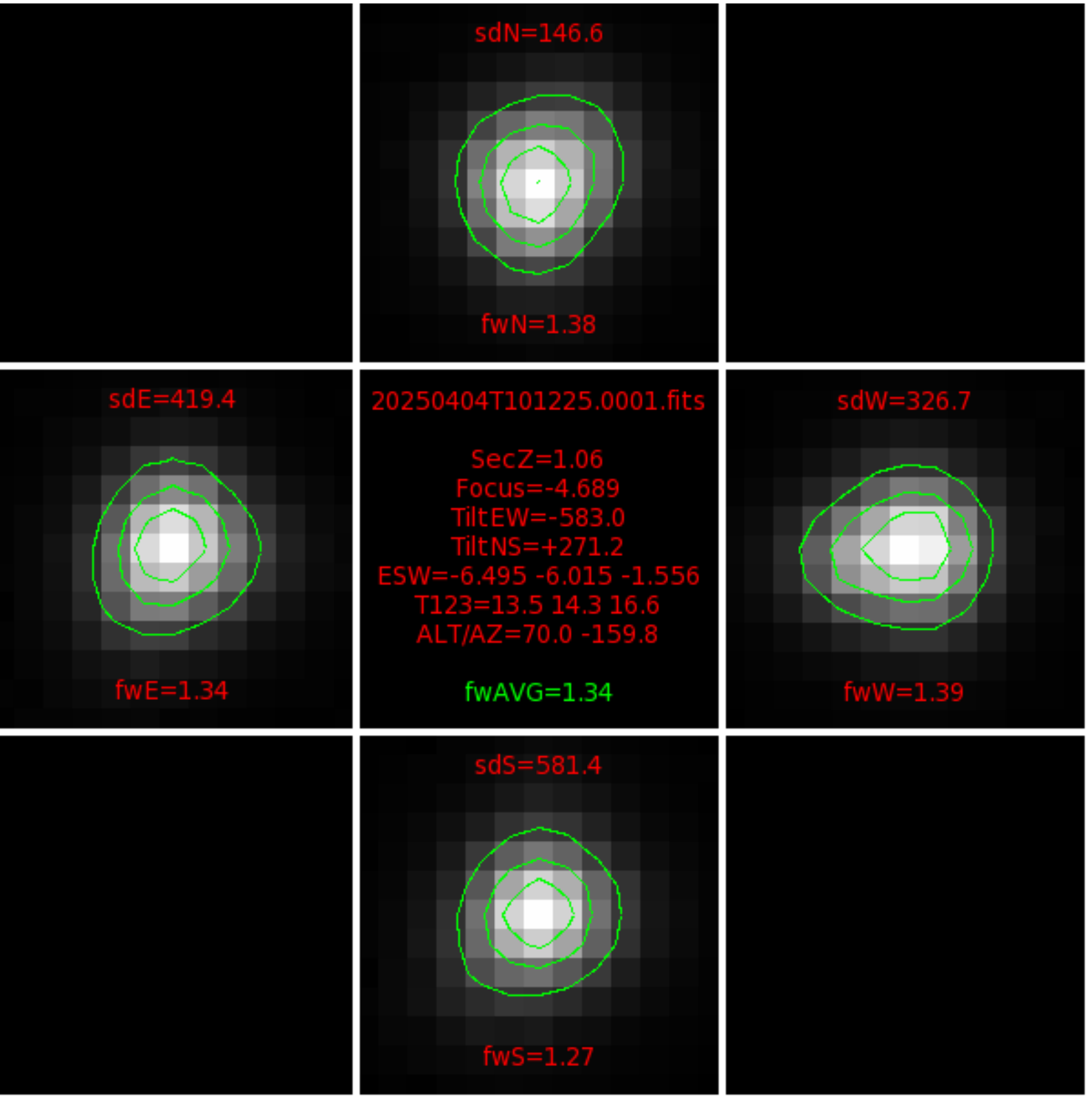
sdN=146.6
fwN=1.38
sdE=419.4
fwE=1.34
20250404T101225.0001.fits
SecZ=1.06
Focus=-4.689
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.495 -6.015 -1.556
T123=13.5 14.3 16.6
ALT/AZ=70.0 -159.8
fwAVG=1.34
sdW=326.7
fwW=1.39
sdS=581.4
fwS=1.27
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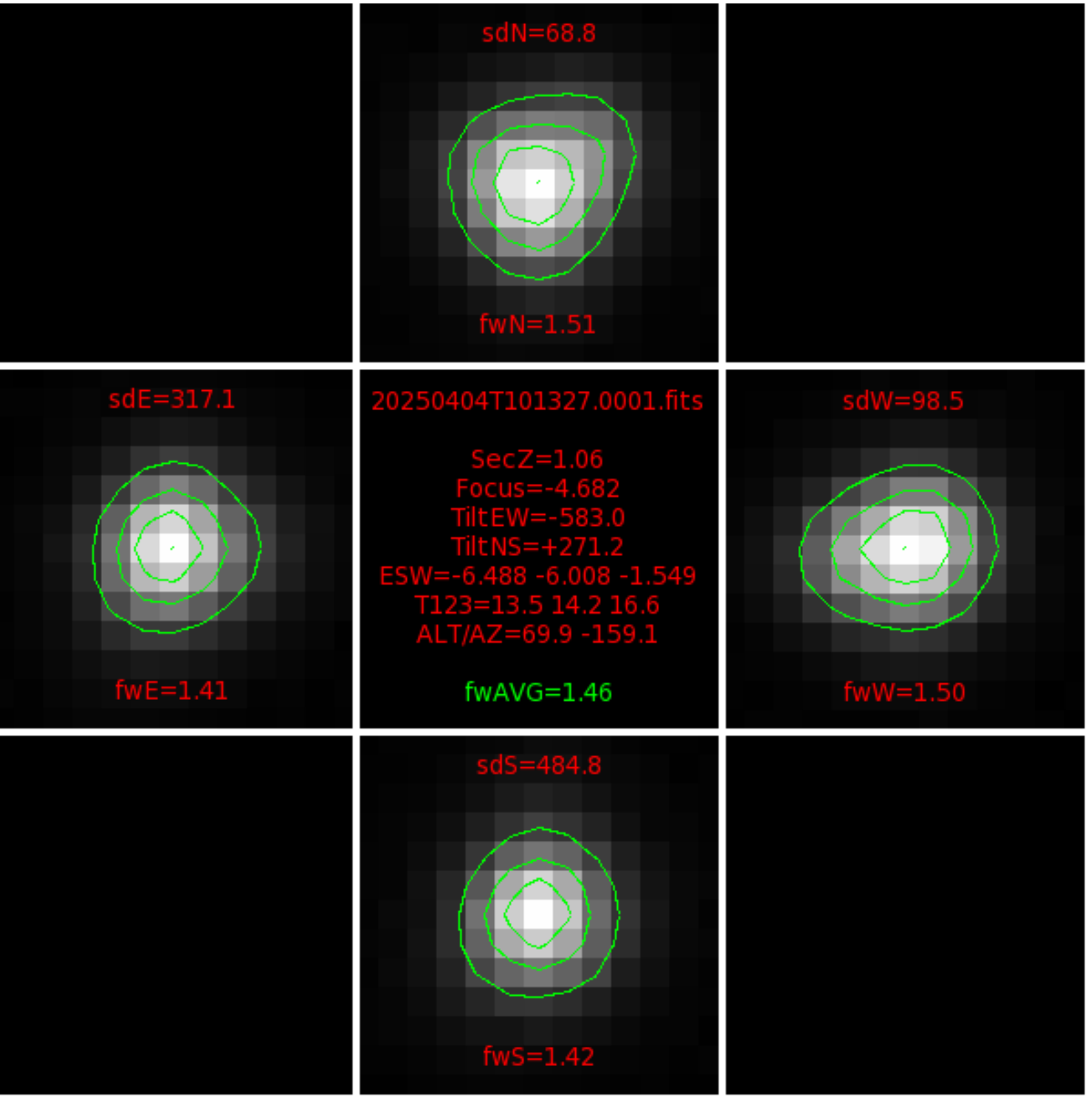
sdN=68.8
fwN=1.51
sdE=317.1
fwE=1.41
20250404T101327.0001.fits
SecZ=1.06
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.5 14.2 16.6
ALT/AZ=69.9 -159.1
fwAVG=1.46
sdW=98.5
fwW=1.50
sdS=484.8
fwS=1.42
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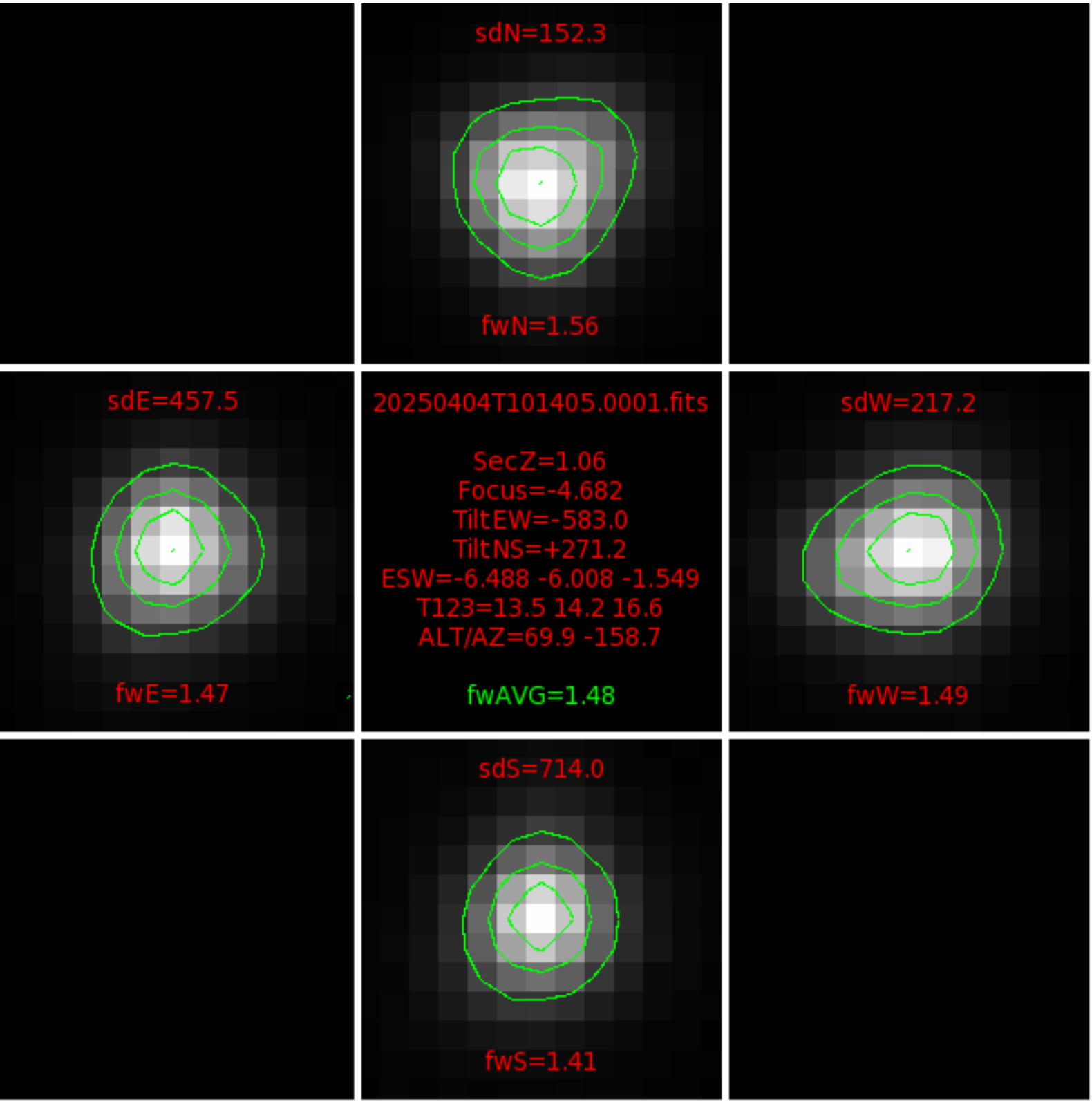
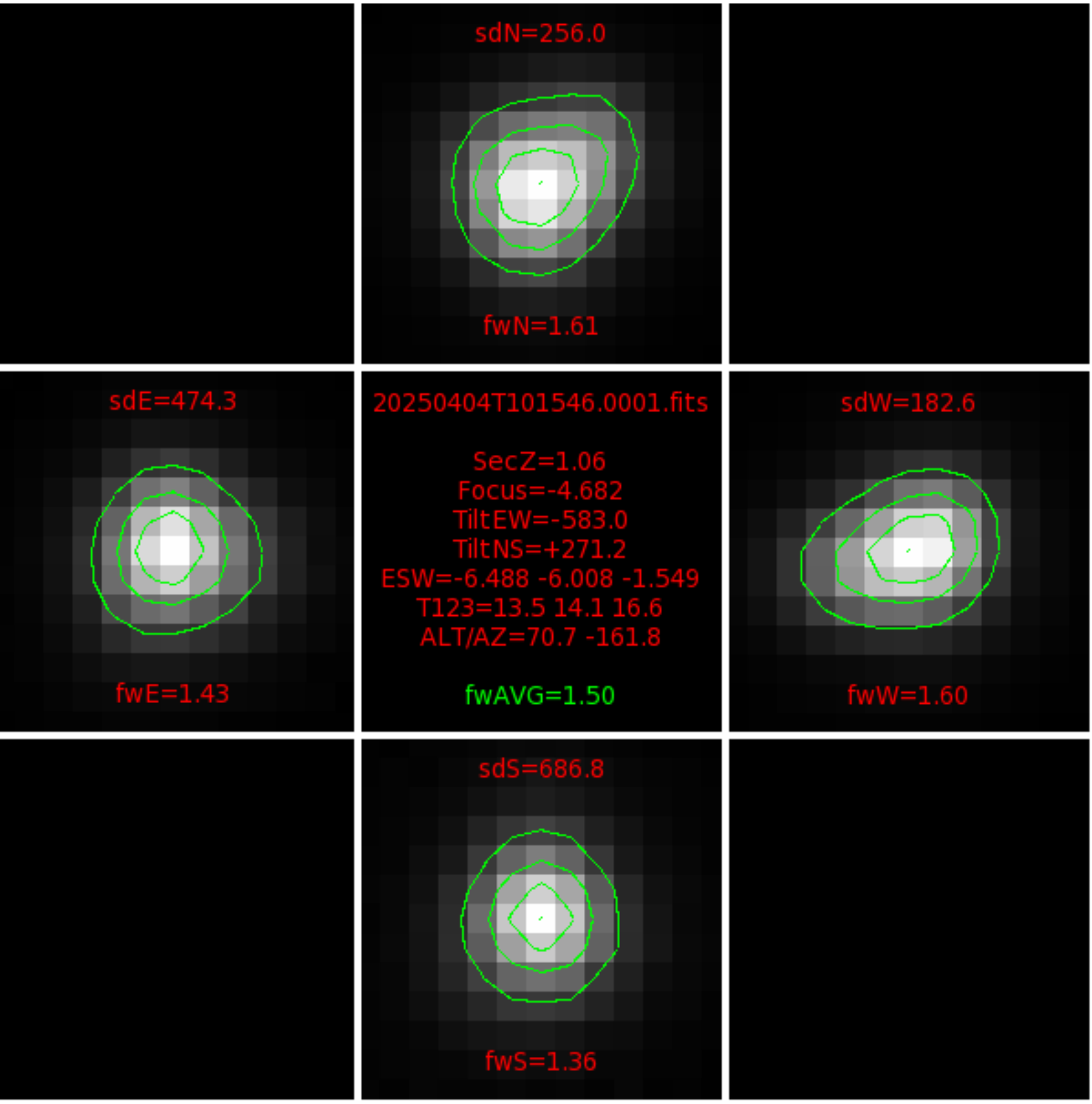

sdN=152.3
fwN=1.56
sdE=457.5
fwE=1.47
20250404T101405.0001.fits
SecZ=1.06
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.5 14.2 16.6
ALT/AZ=69.9 -158.7
fwAVG=1.48
sdW=217.2
fwW=1.49
sdS=714.0
fwS=1.41
0 0 0 0 0 0 0 0 0


sdN=256.0
fwN=1.61
sdE=474.3
fwE=1.43
20250404T101546.0001.fits
SecZ=1.06
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.5 14.1 16.6
ALT/AZ=70.7 -161.8
fwAVG=1.50
sdW=182.6
fwW=1.60
sdS=686.8
fwS=1.36
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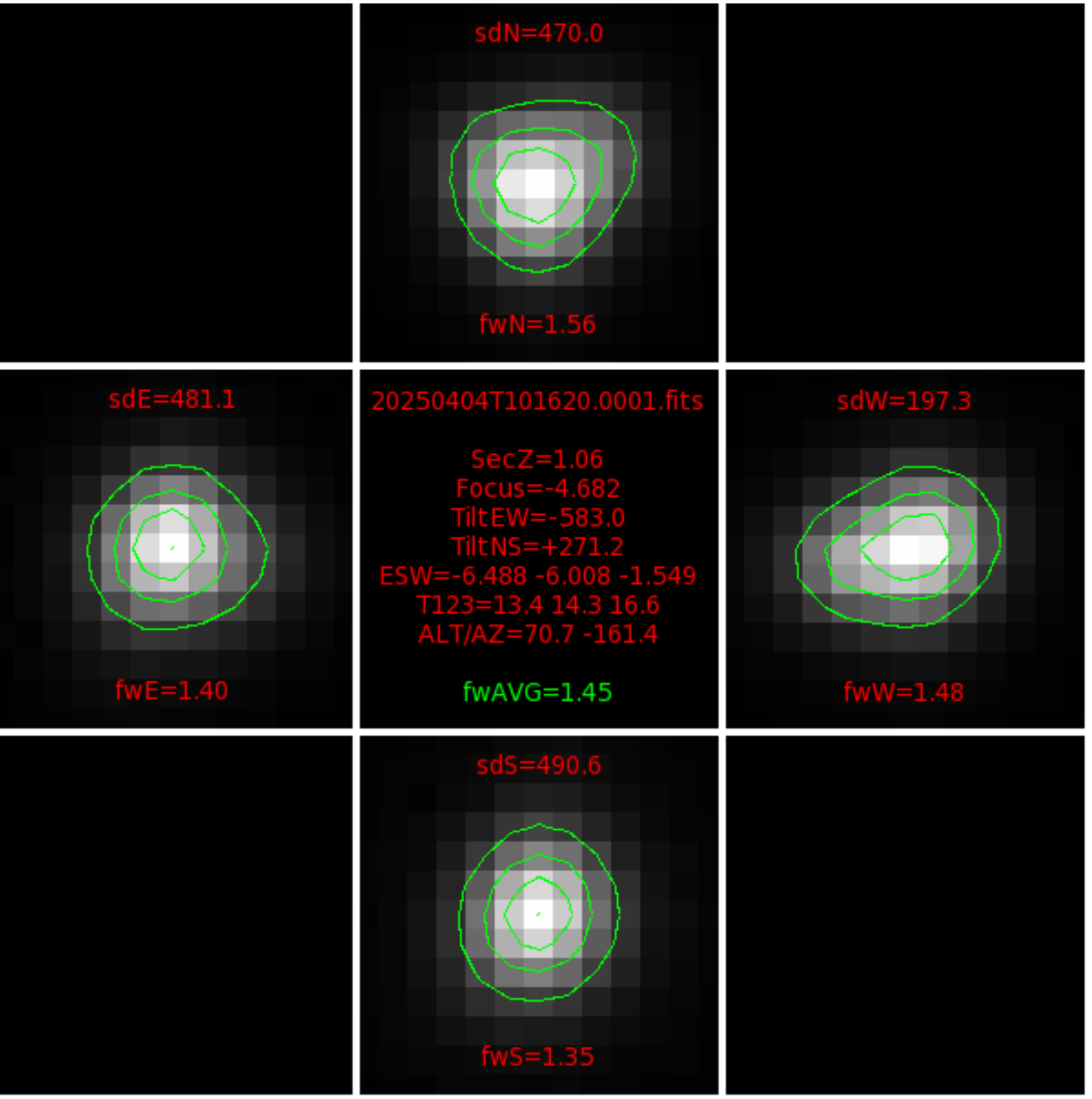
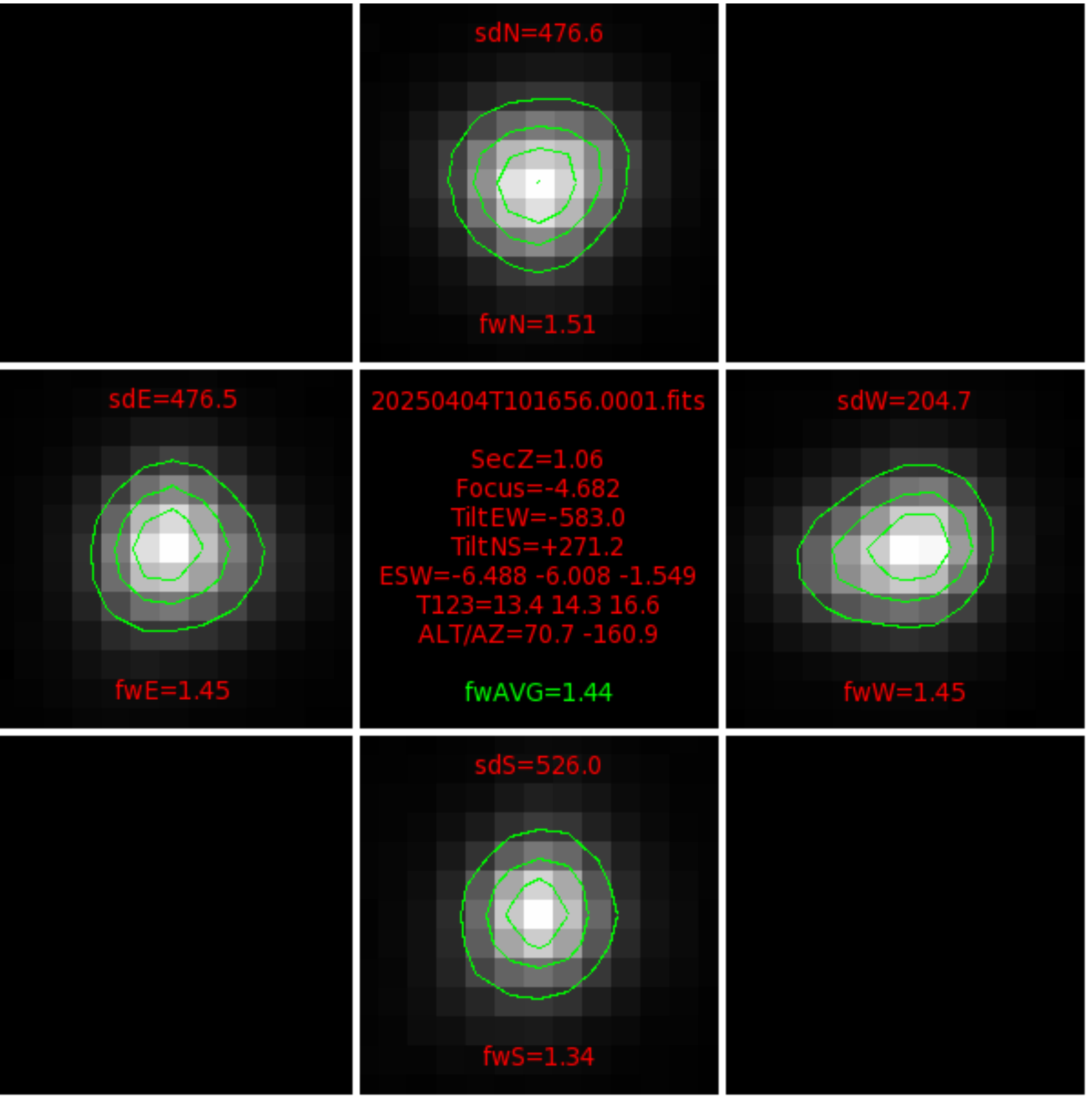
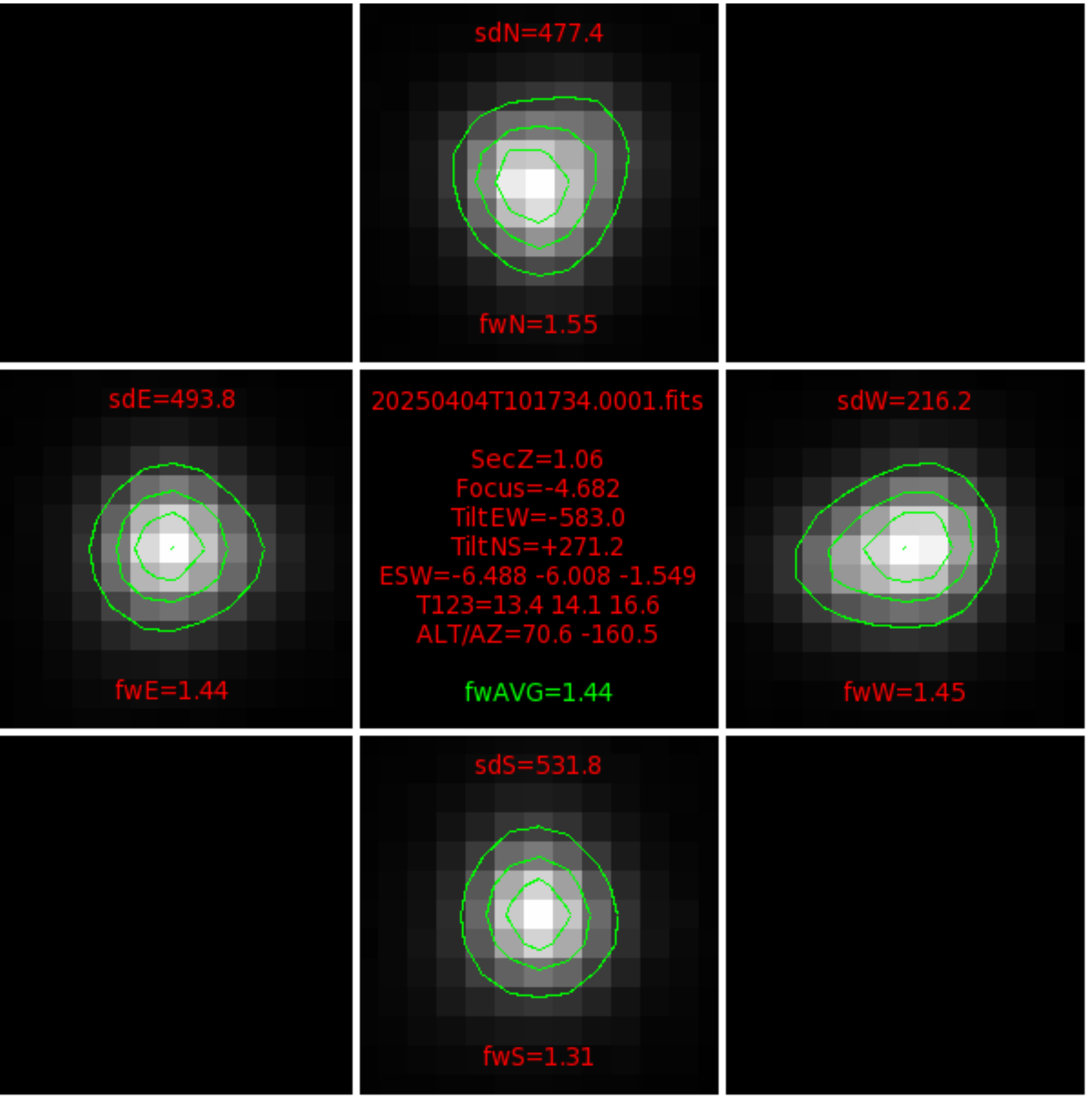

sdN=470.0
fwN=1.56
sdE=481.1
fwE=1.40
20250404T101620.0001.fits
SecZ=1.06
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.4 14.3 16.6
ALT/AZ=70.7 -161.4
fwAVG=1.45
sdW=197.3
fwW=1.48
sdS=490.6
fwS=1.35
0 0 0 0 0 0 0 0 0


sdN=476.6
fwN=1.51
sdE=476.5
fwE=1.45
20250404T101656.0001.fits
SecZ=1.06
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.4 14.3 16.6
ALT/AZ=70.7 -160.9
fwAVG=1.44
sdW=204.7
fwW=1.45
sdS=526.0
fwS=1.34
0 0 0 0 0 0 0 0 0


sdN=477.4
fwN=1.55
sdE=493.8
fwE=1.44
20250404T101734.0001.fits
SecZ=1.06
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.4 14.1 16.6
ALT/AZ=70.6 -160.5
fwAVG=1.44
sdW=216.2
fwW=1.45
sdS=531.8
fwS=1.31
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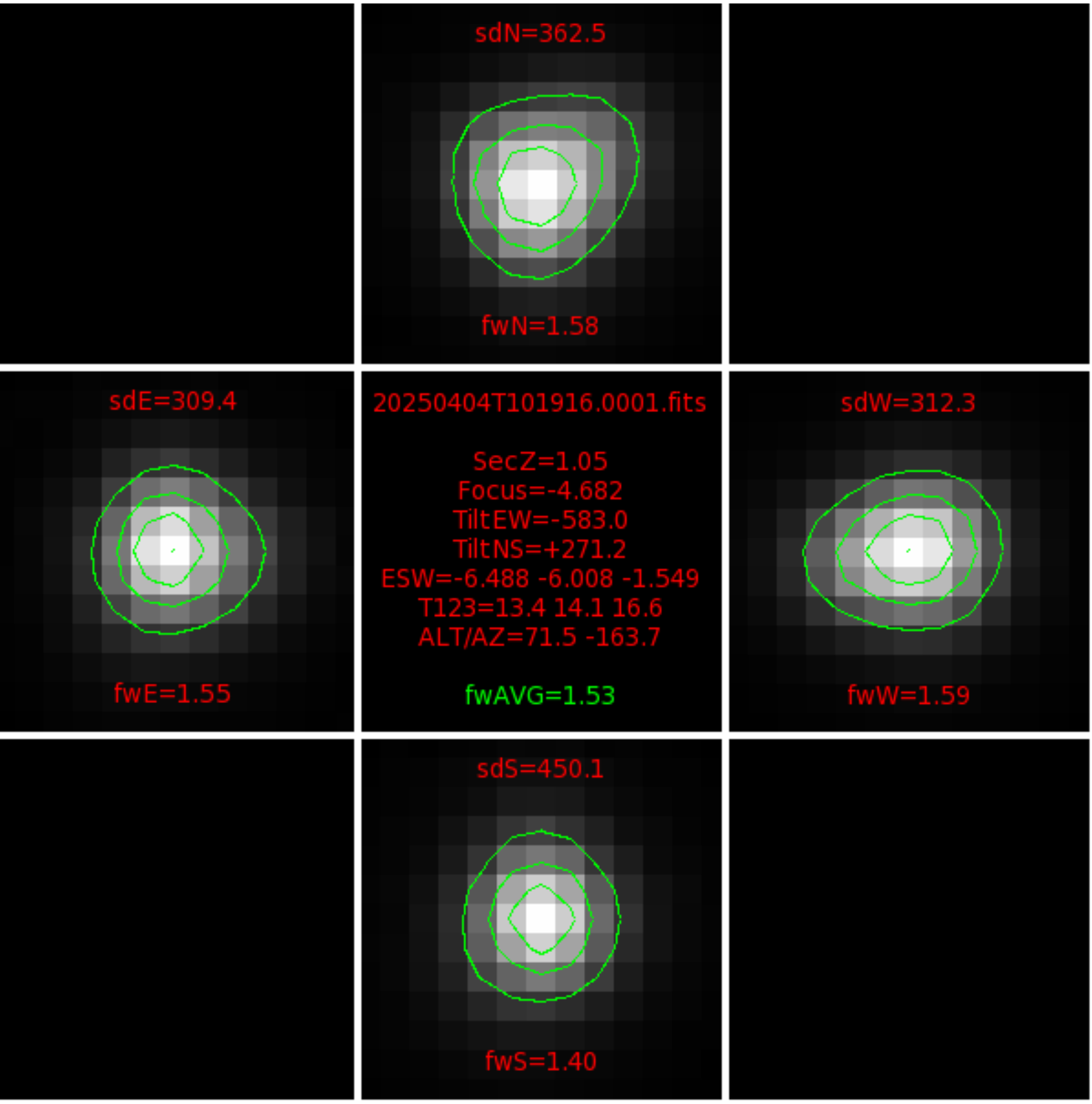
sdN=362.5
fwN=1.58
sdE=309.4
fwE=1.55
20250404T101916.0001.fits
SecZ=1.05
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.4 14.1 16.6
ALT/AZ=71.5 -163.7
fwAVG=1.53
sdW=312.3
fwW=1.59
sdS=450.1
fwS=1.40
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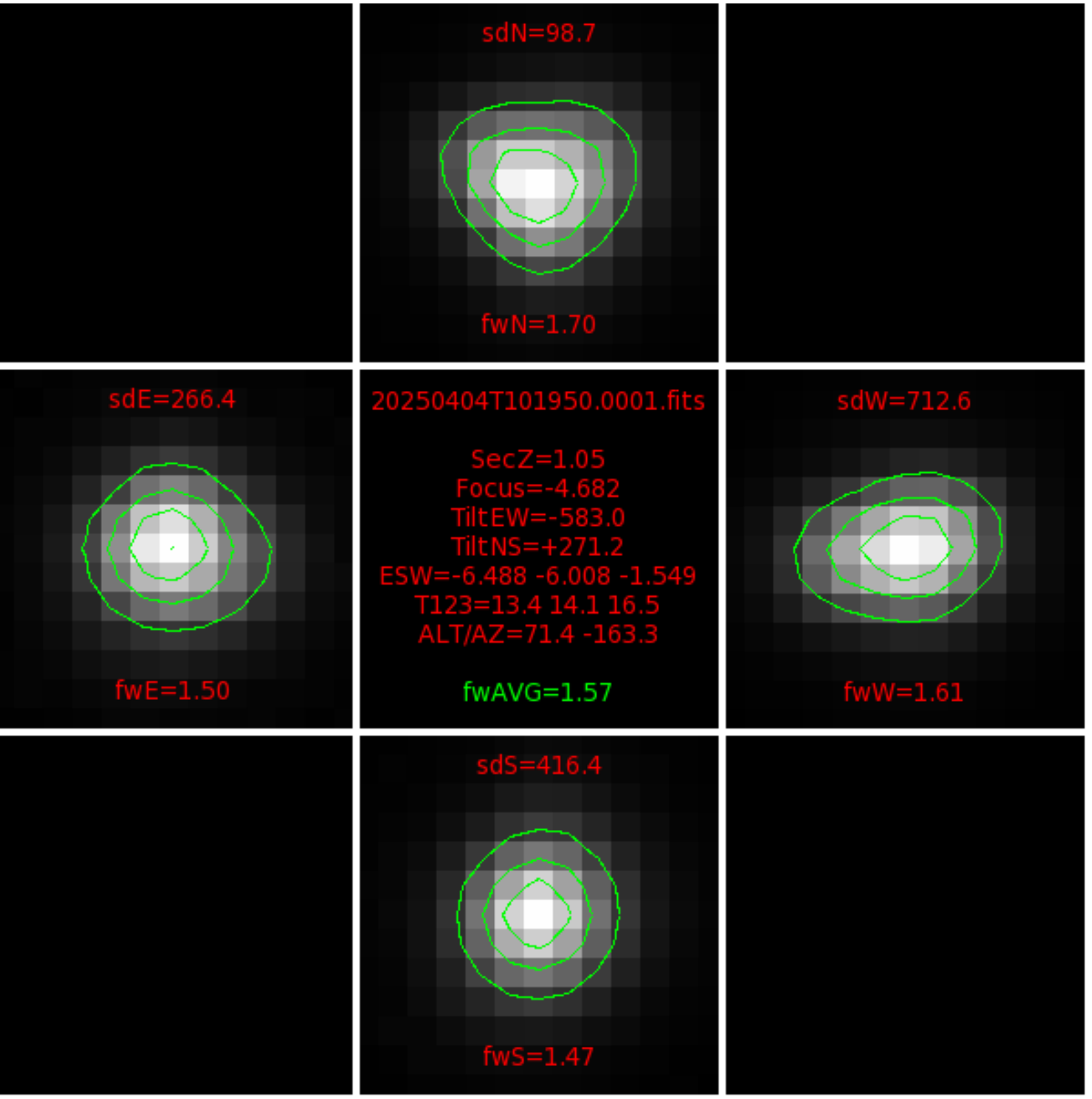
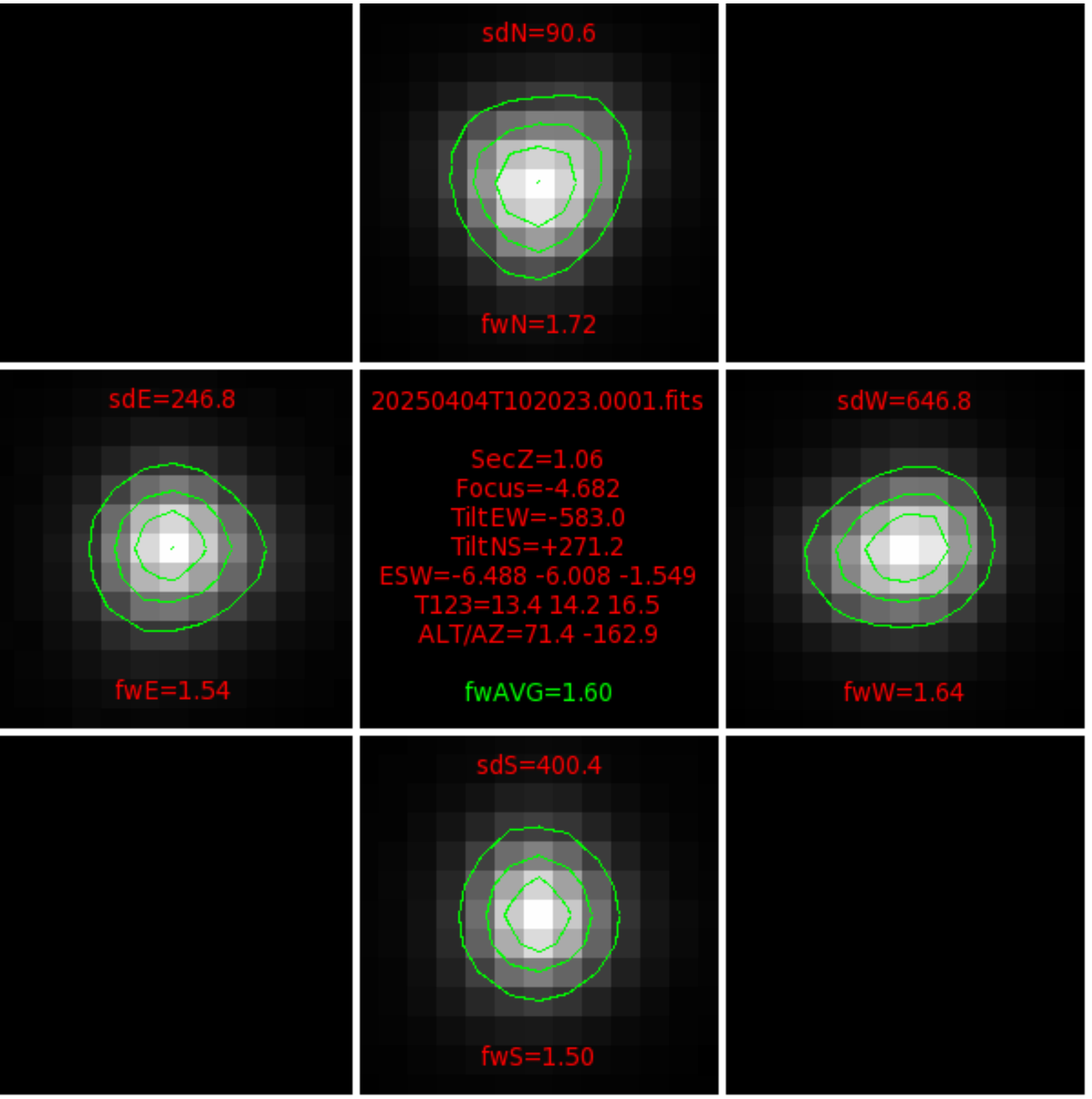

sdN=98.7
fwN=1.70
sdE=266.4
fwE=1.50
20250404T101950.0001.fits
SecZ=1.05
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.4 14.1 16.5
ALT/AZ=71.4 -163.3
fwAVG=1.57
sdW=712.6
fwW=1.61
sdS=416.4
fwS=1.47
0 0 0 0 0 0 0 0 0


sdN=90.6
fwN=1.72
sdE=246.8
fwE=1.54
20250404T102023.0001.fits
SecZ=1.06
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.4 14.2 16.5
ALT/AZ=71.4 -162.9
fwAVG=1.60
sdW=646.8
fwW=1.64
sdS=400.4
fwS=1.50
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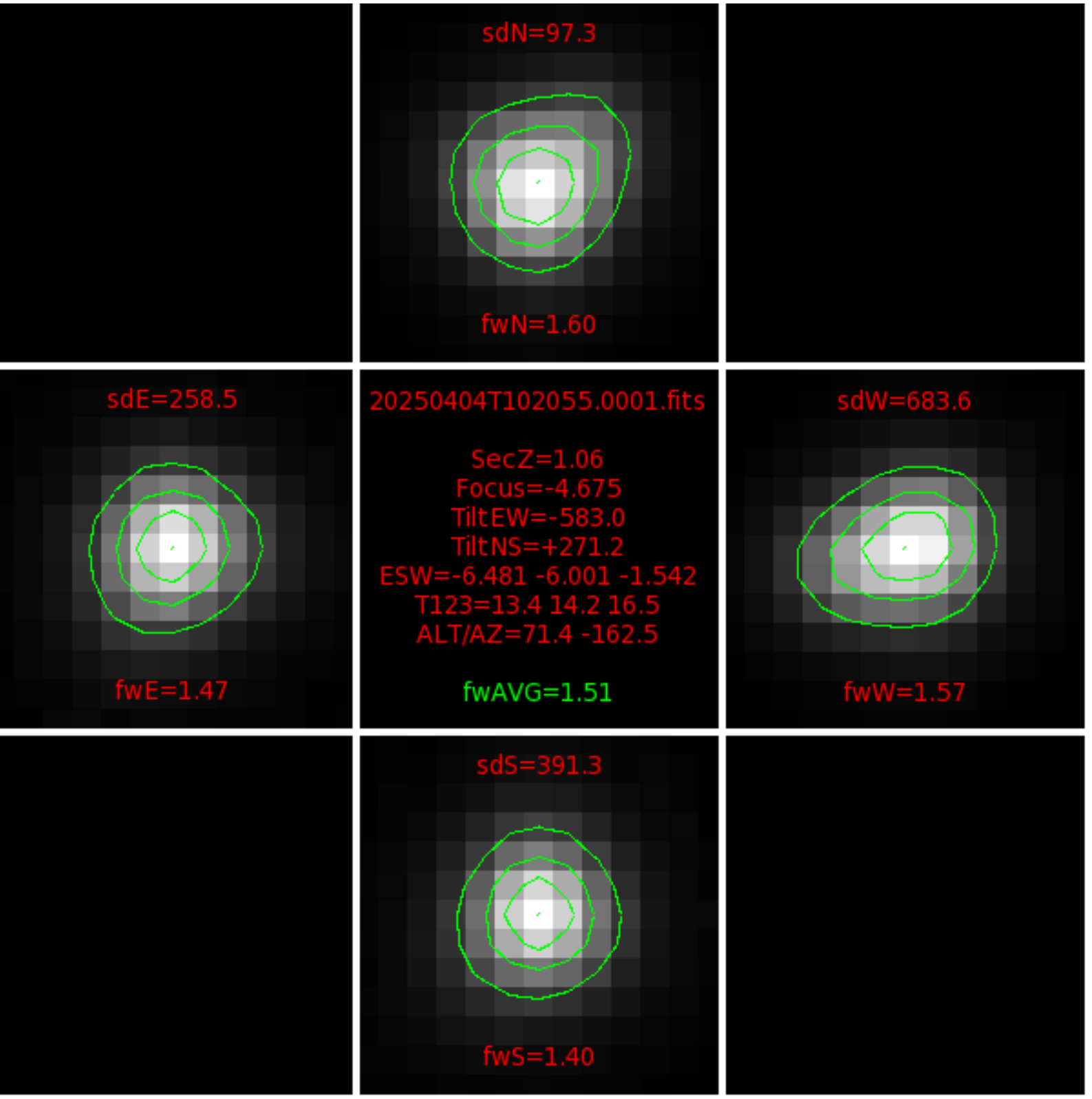
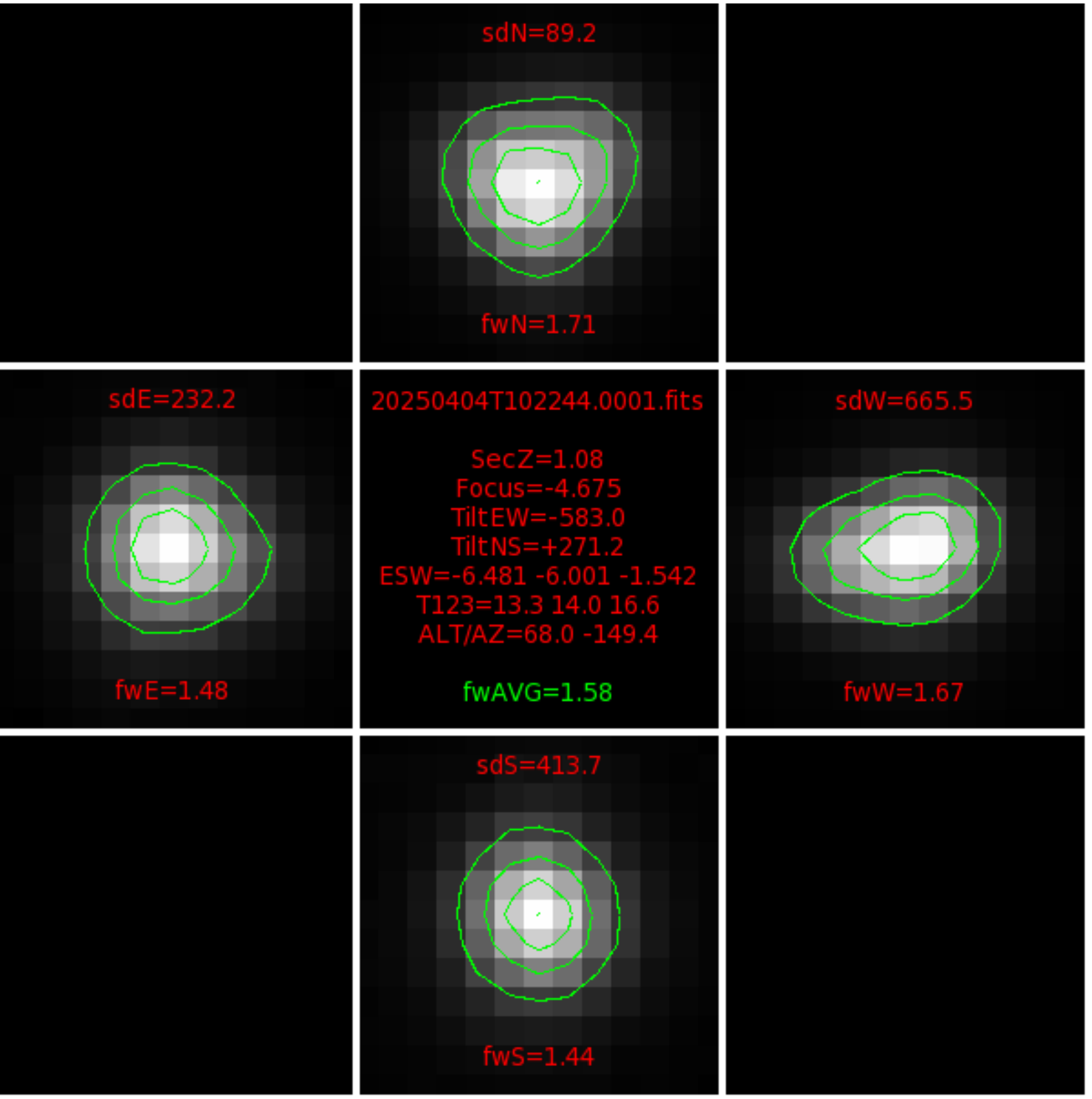
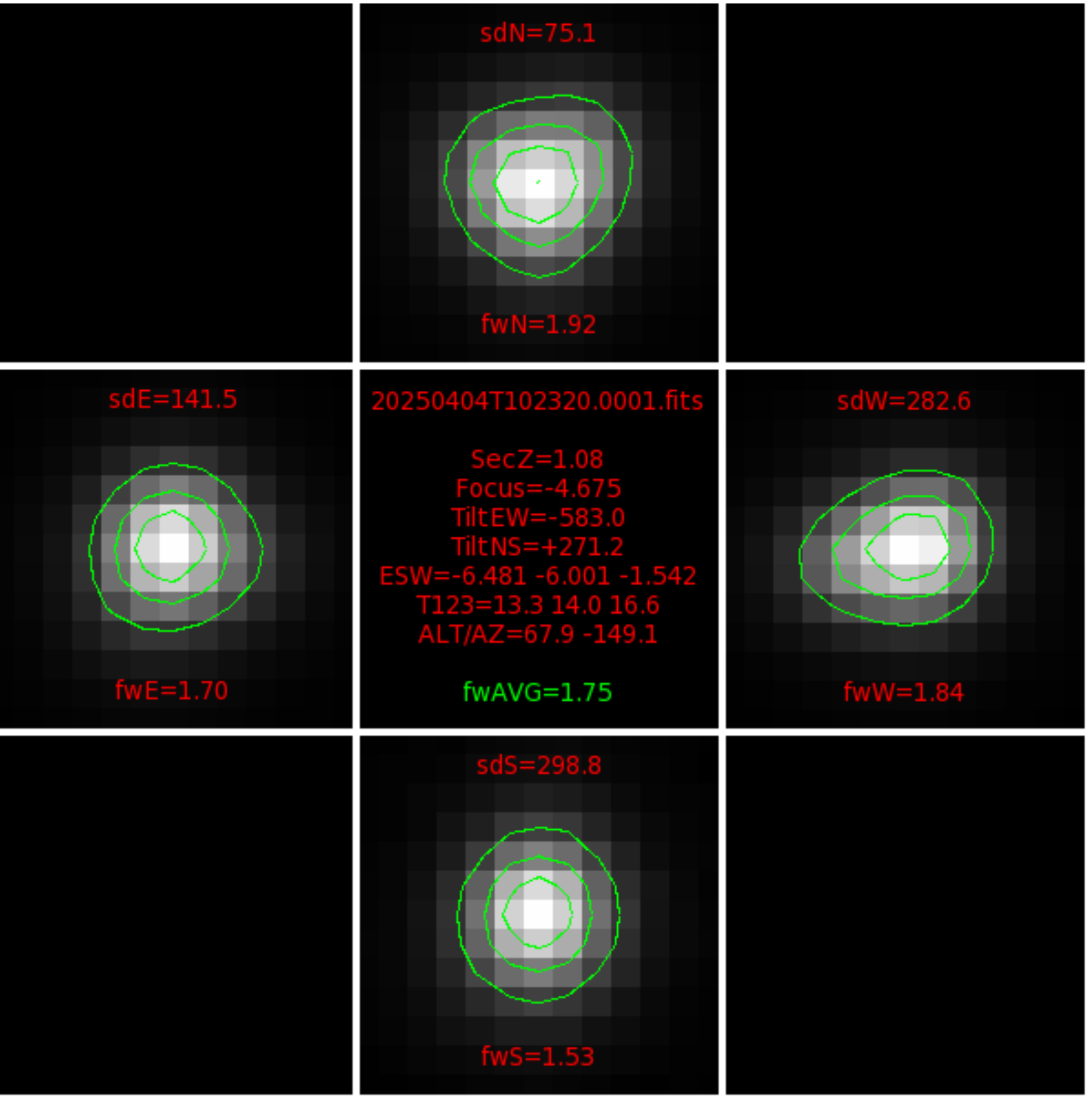
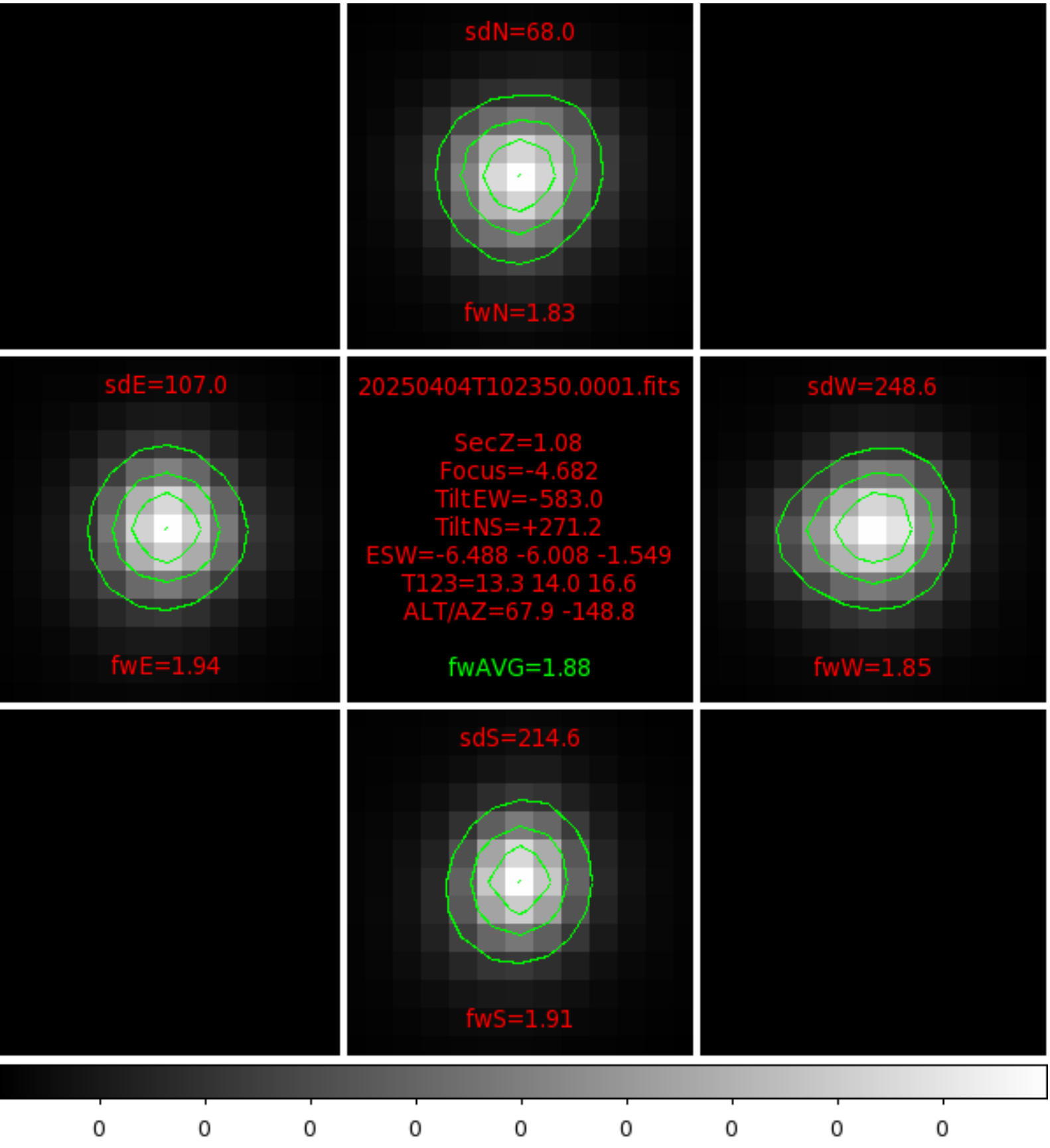

sdN=97.3
fwN=1.60
sdE=258.5
fwE=1.47
20250404T102055.0001.fits
SecZ=1.06
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.4 14.2 16.5
ALT/AZ=71.4 -162.5
fwAVG=1.51
sdW=683.6
fwW=1.57
sdS=391.3
fwS=1.40
0 0 0 0 0 0 0 0 0


sdN=89.2
fwN=1.71
sdE=232.2
fwE=1.48
20250404T102244.0001.fits
SecZ=1.08
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.3 14.0 16.6
ALT/AZ=68.0 -149.4
fwAVG=1.58
sdW=665.5
fwW=1.67
sdS=413.7
fwS=1.44
0 0 0 0 0 0 0 0 0


sdN=75.1
fwN=1.92
sdE=141.5
fwE=1.70
20250404T102320.0001.fits
SecZ=1.08
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.3 14.0 16.6
ALT/AZ=67.9 -149.1
fwAVG=1.75
sdW=282.6
fwW=1.84
sdS=298.8
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=68.0
fwN=1.83
sdE=107.0
fwE=1.94
20250404T102350.0001.fits
SecZ=1.08
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.3 14.0 16.6
ALT/AZ=67.9 -148.8
fwAVG=1.88
sdW=248.6
fwW=1.85
sdS=214.6
fwS=1.91
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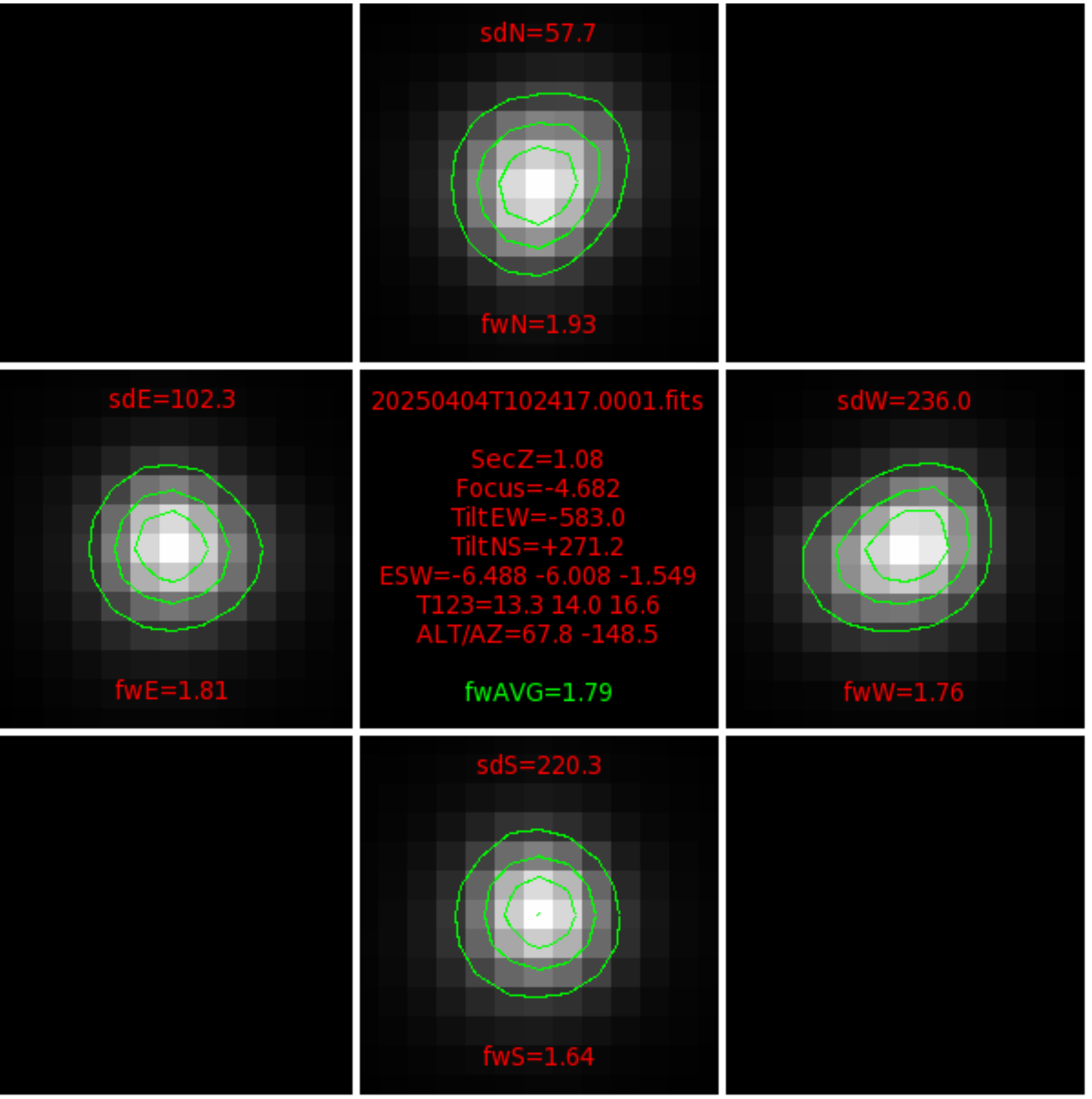
sdN=57.7
fwN=1.93
sdE=102.3
fwE=1.81
20250404T102417.0001.fits
SecZ=1.08
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.3 14.0 16.6
ALT/AZ=67.8 -148.5
fwAVG=1.79
sdW=236.0
fwW=1.76
sdS=220.3
fwS=1.64
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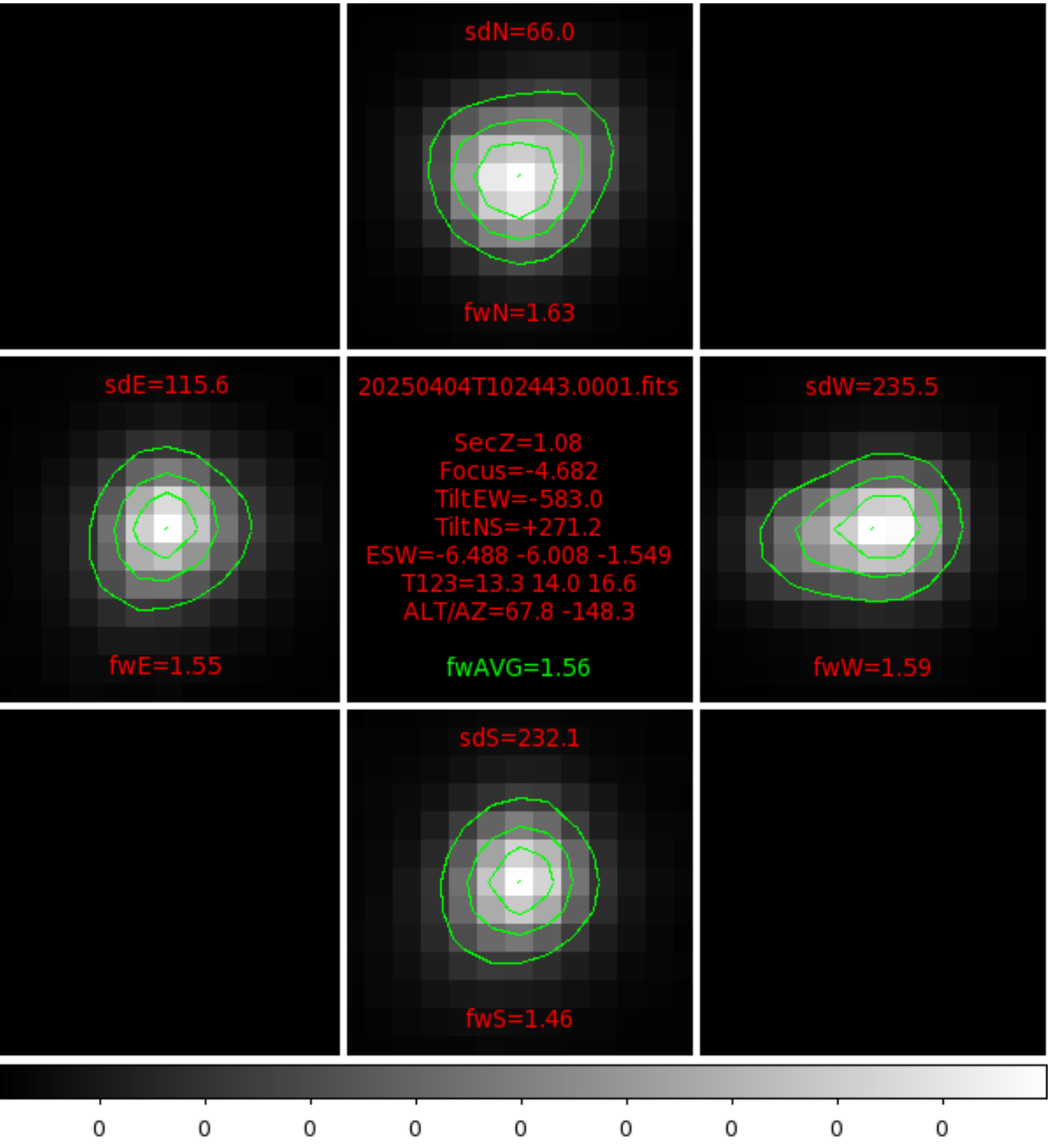
sdN=66.0
fwN=1.63
sdE=115.6
fwE=1.55
20250404T102443.0001.fits
SecZ=1.08
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.3 14.0 16.6
ALT/AZ=67.8 -148.3
fwAVG=1.56
sdW=235.5
fwW=1.59
sdS=232.1
fwS=1.46
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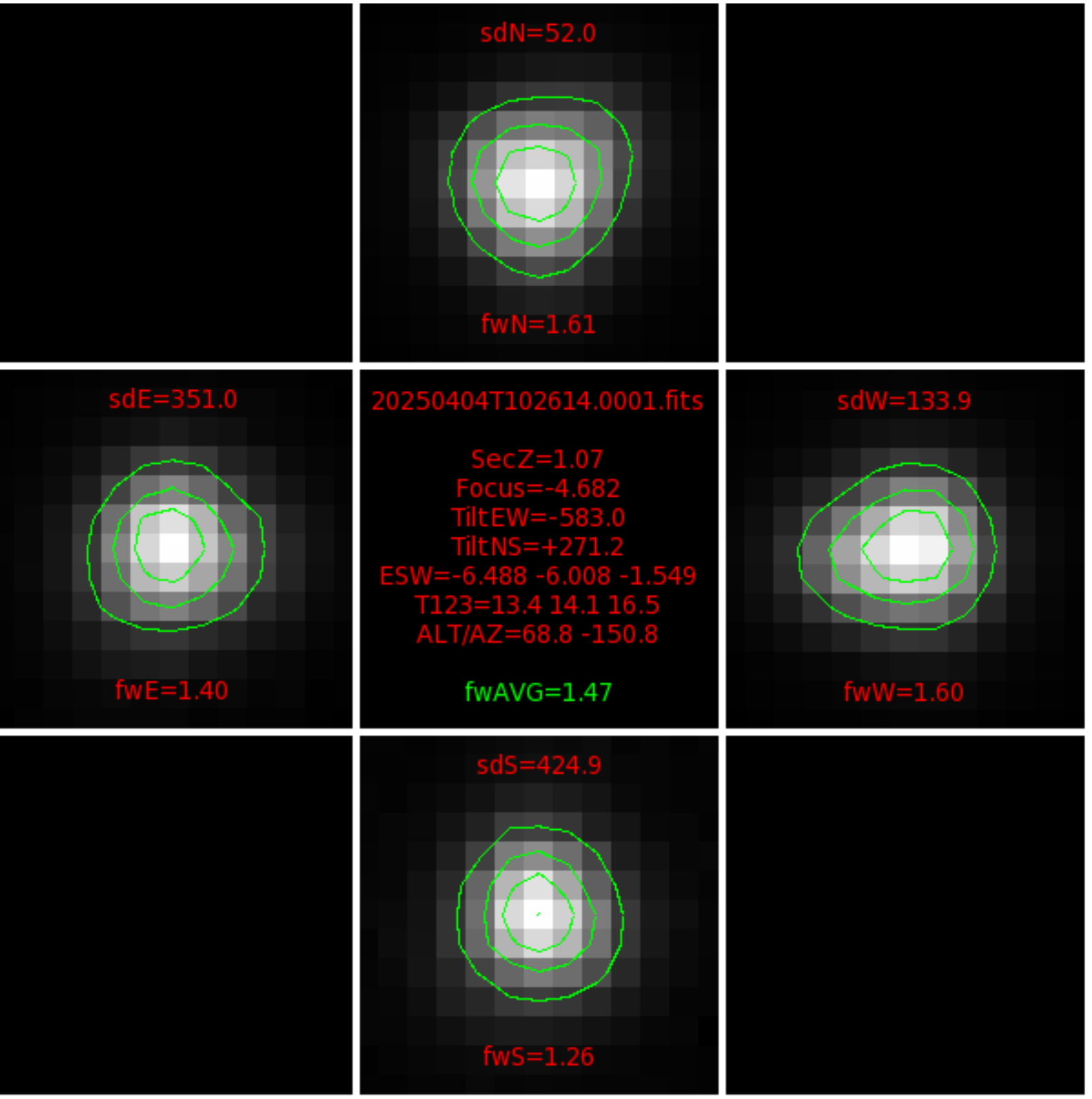
sdN=52.0
fwN=1.61
sdE=351.0
fwE=1.40
20250404T102614.0001.fits
SecZ=1.07
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.4 14.1 16.5
ALT/AZ=68.8 -150.8
fwAVG=1.47
sdW=133.9
fwW=1.60
sdS=424.9
fwS=1.26
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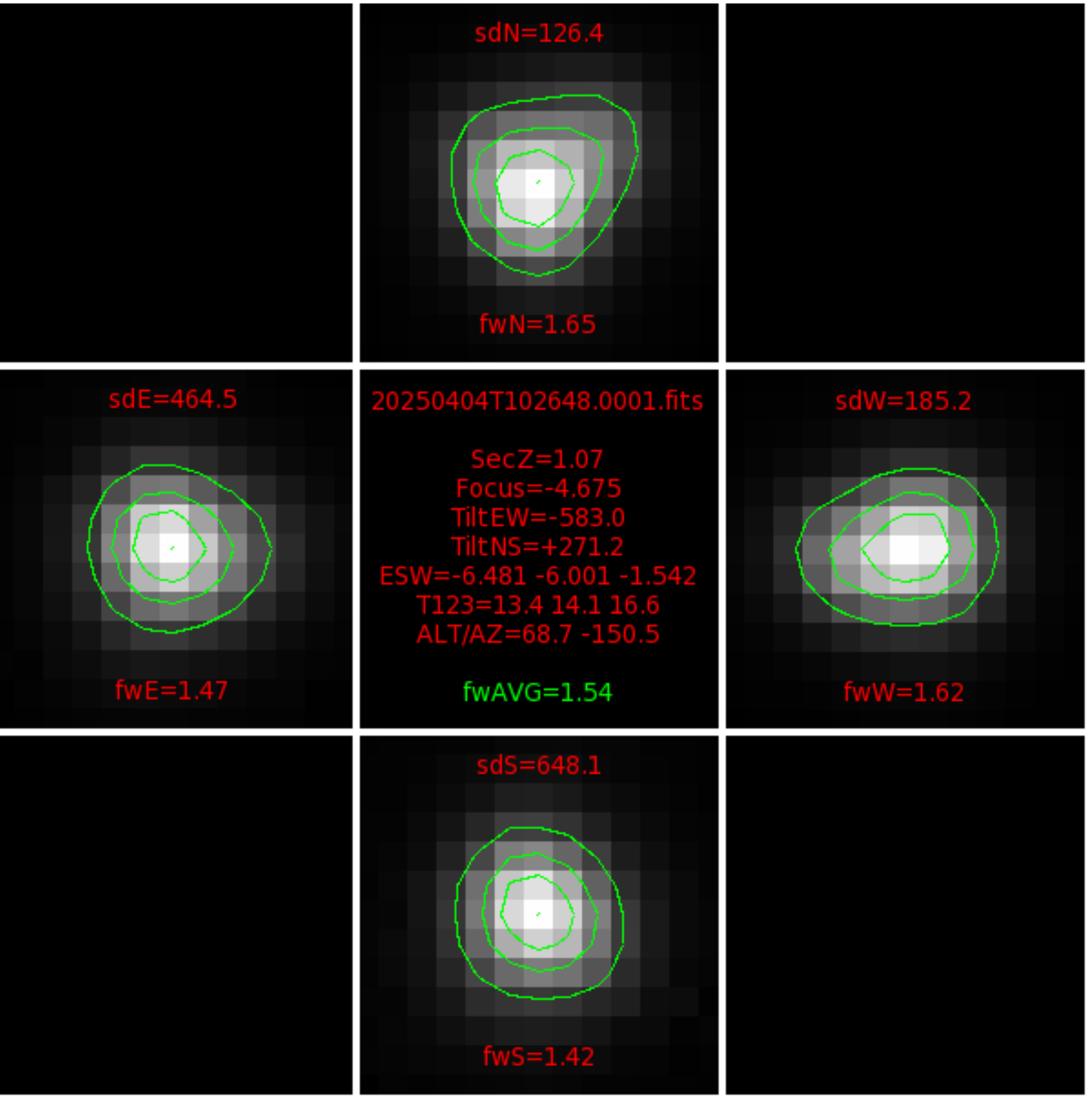
sdN=126.4
fwN=1.65
sdE=464.5
fwE=1.47
20250404T102648.0001.fits
SecZ=1.07
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.4 14.1 16.6
ALT/AZ=68.7 -150.5
fwAVG=1.54
sdW=185.2
fwW=1.62
sdS=648.1
fwS=1.42
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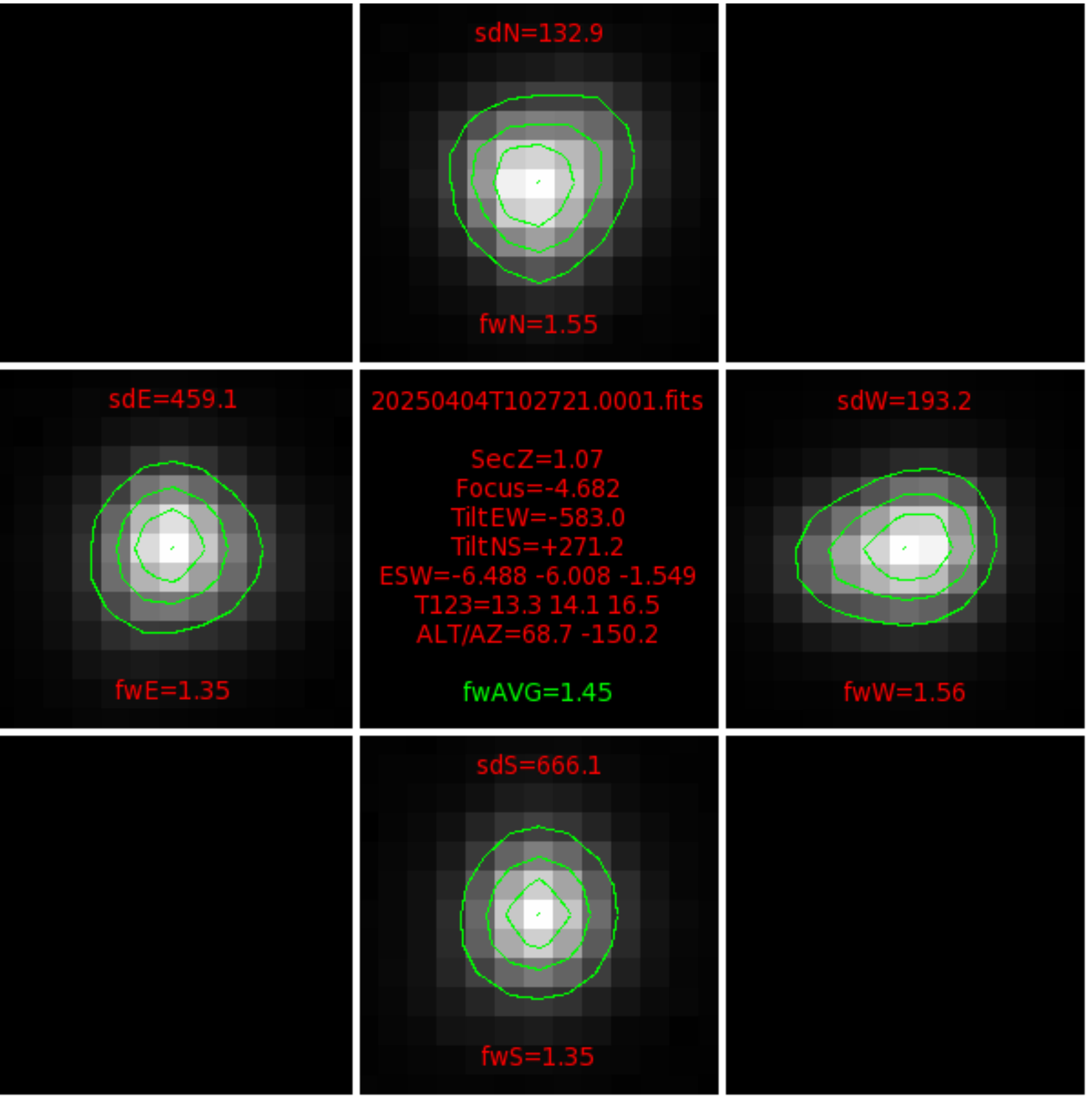
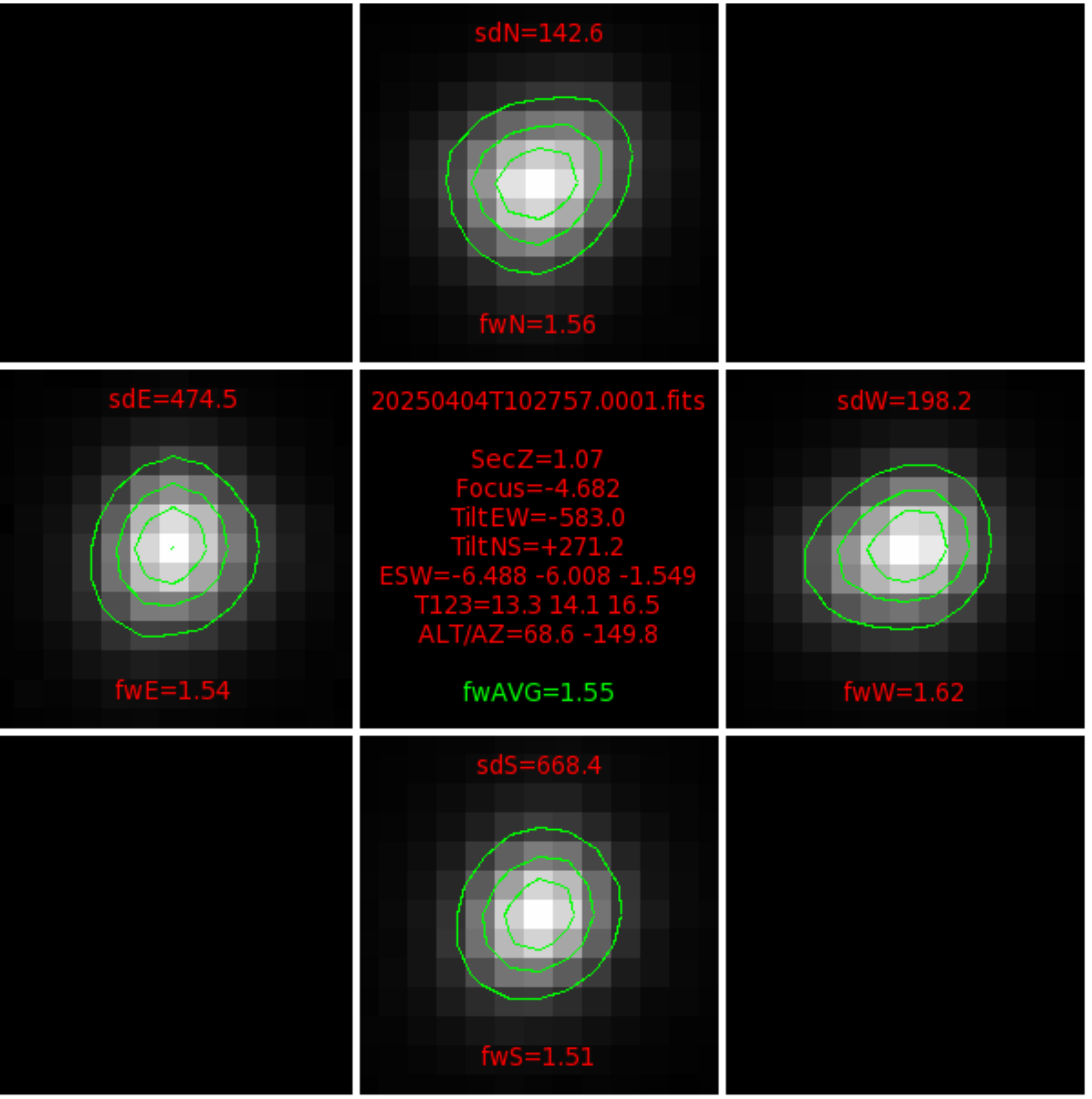

sdN=132.9
fwN=1.55
sdE=459.1
fwE=1.35
20250404T102721.0001.fits
SecZ=1.07
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.3 14.1 16.5
ALT/AZ=68.7 -150.2
fwAVG=1.45
sdW=193.2
fwW=1.56
sdS=666.1
fwS=1.35
0 0 0 0 0 0 0 0 0


sdN=142.6
fwN=1.56
sdE=474.5
fwE=1.54
20250404T102757.0001.fits
SecZ=1.07
Focus=-4.682
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.488 -6.008 -1.549
T123=13.3 14.1 16.5
ALT/AZ=68.6 -149.8
fwAVG=1.55
sdW=198.2
fwW=1.62
sdS=668.4
fwS=1.51
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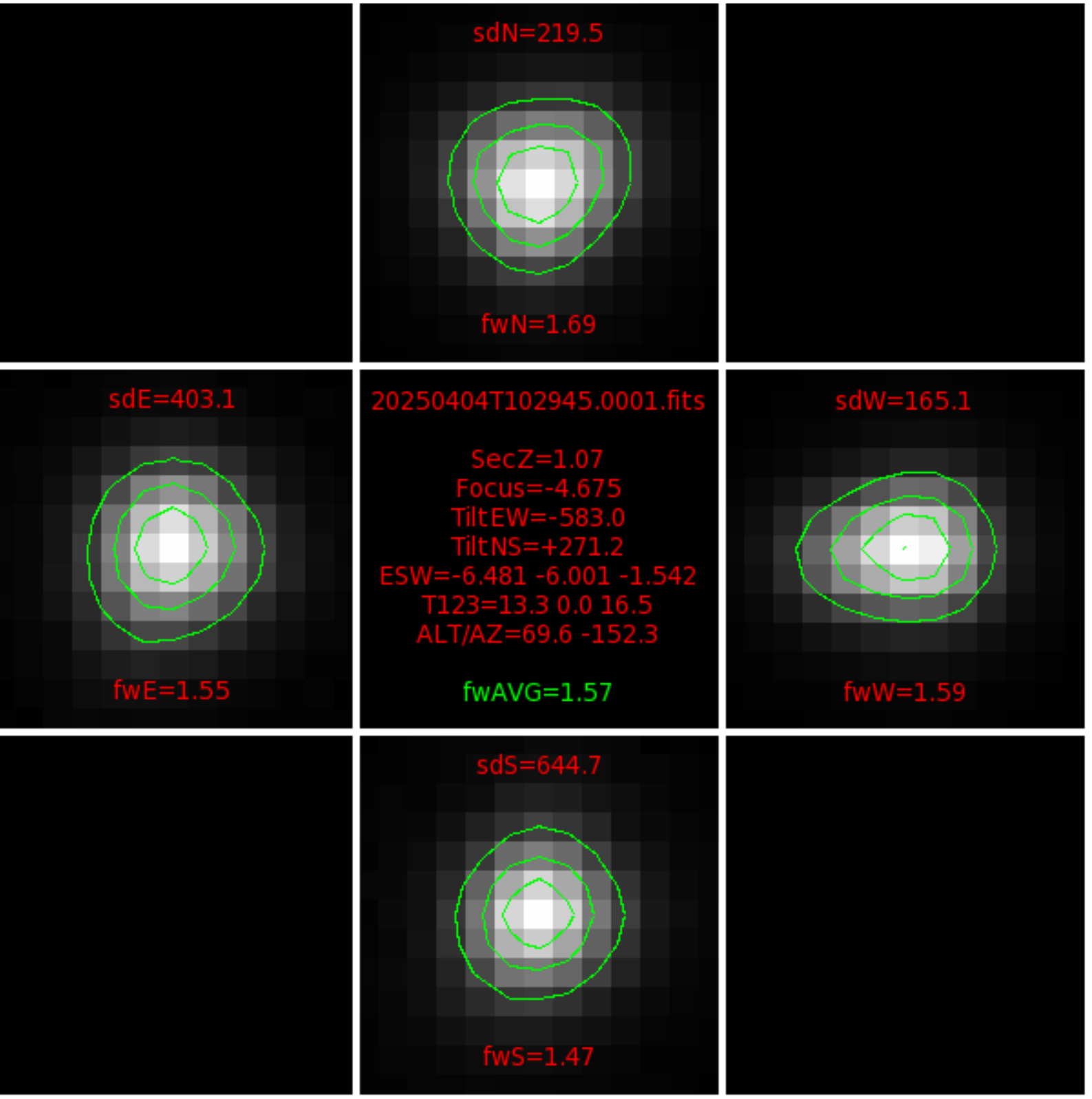
sdN=219.5
fwN=1.69
sdE=403.1
fwE=1.55
20250404T102945.0001.fits
SecZ=1.07
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.3 0.0 16.5
ALT/AZ=69.6 -152.3
fwAVG=1.57
sdW=165.1
fwW=1.59
sdS=644.7
fwS=1.47
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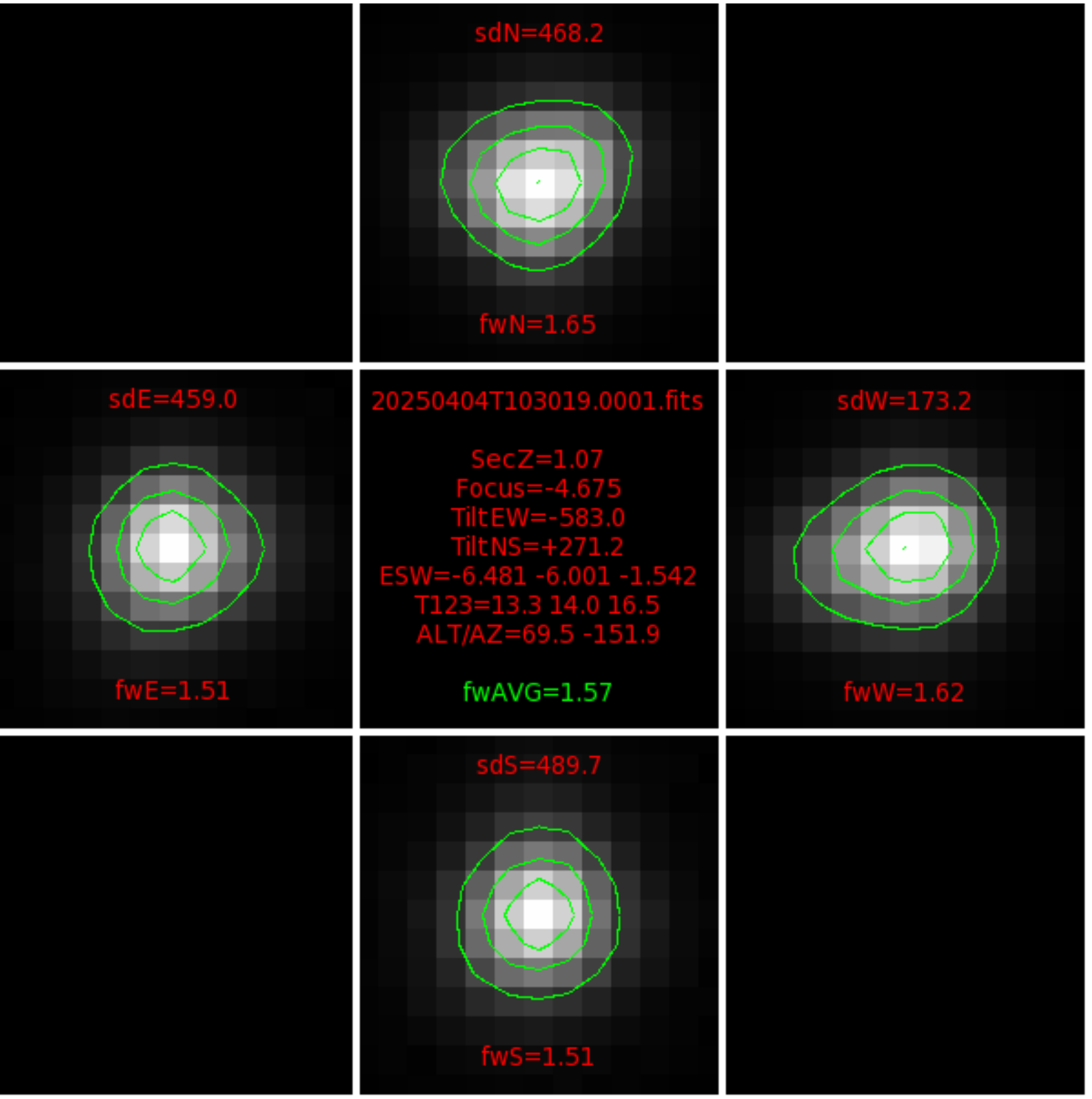
sdN=468.2
fwN=1.65
sdE=459.0
fwE=1.51
20250404T103019.0001.fits
SecZ=1.07
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.3 14.0 16.5
ALT/AZ=69.5 -151.9
fwAVG=1.57
sdW=173.2
fwW=1.62
sdS=489.7
fwS=1.51
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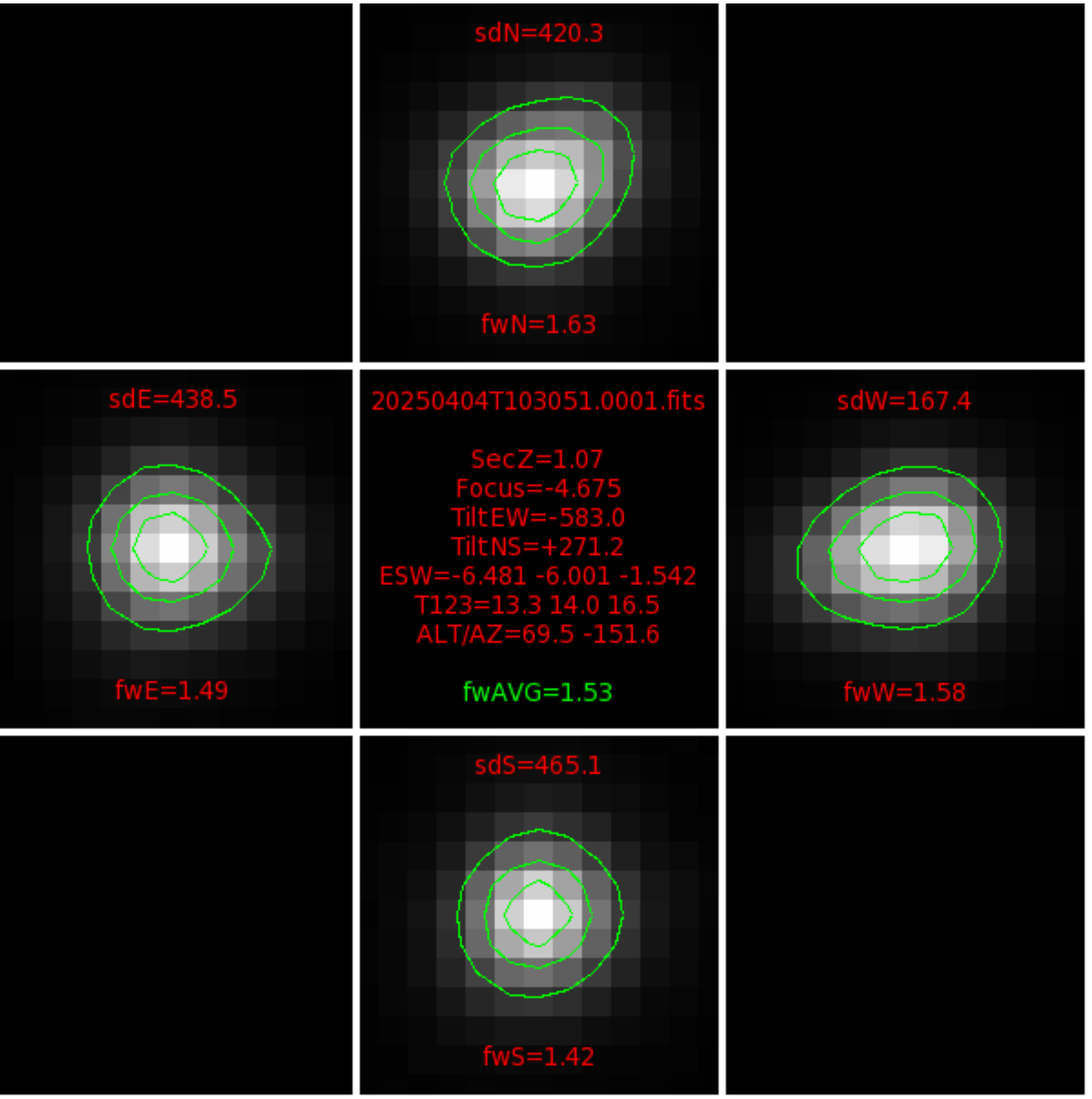
sdN=420.3
fwN=1.63
sdE=438.5
fwE=1.49
20250404T103051.0001.fits
SecZ=1.07
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.3 14.0 16.5
ALT/AZ=69.5 -151.6
fwAVG=1.53
sdW=167.4
fwW=1.58
sdS=465.1
fwS=1.42
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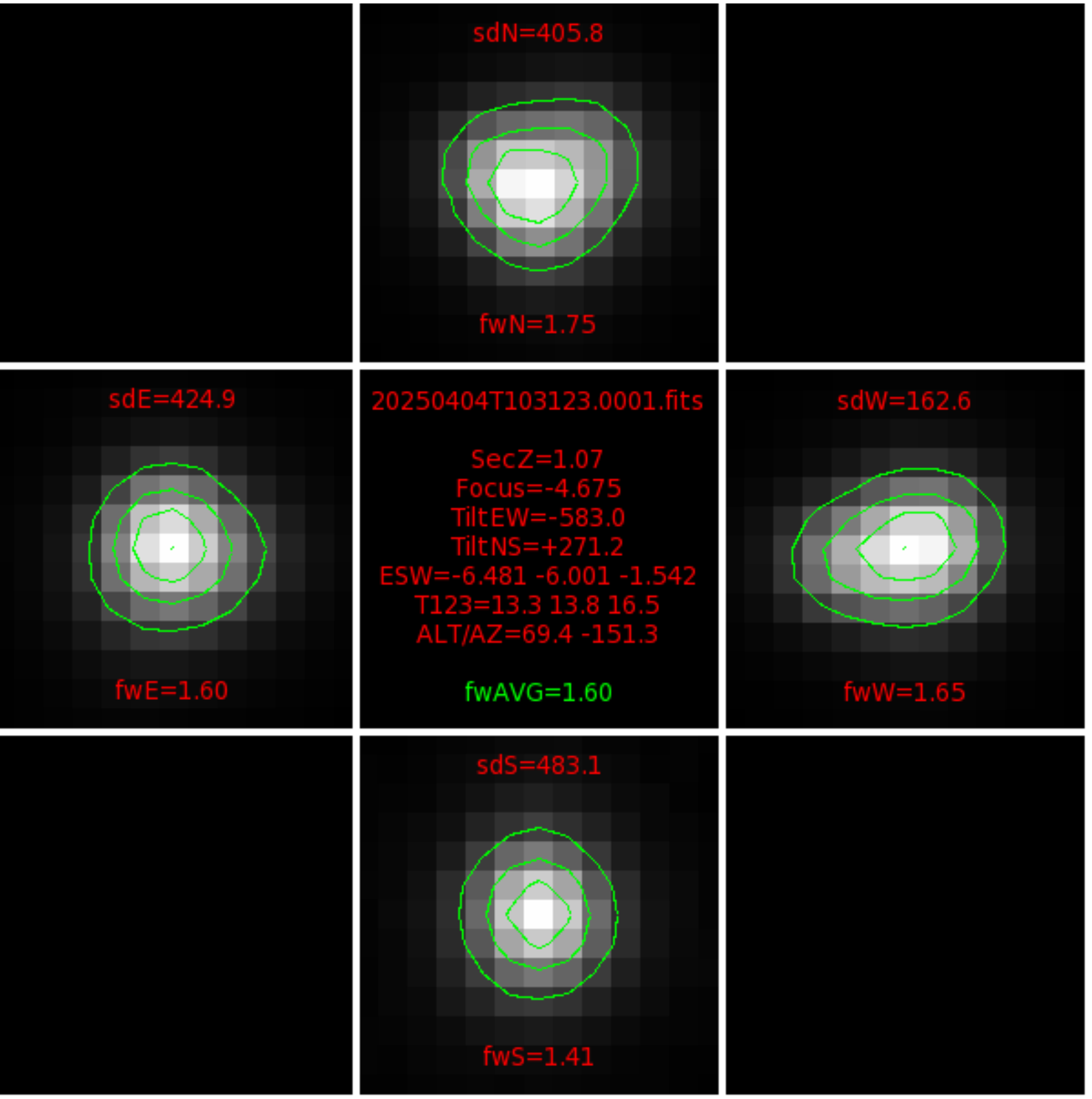
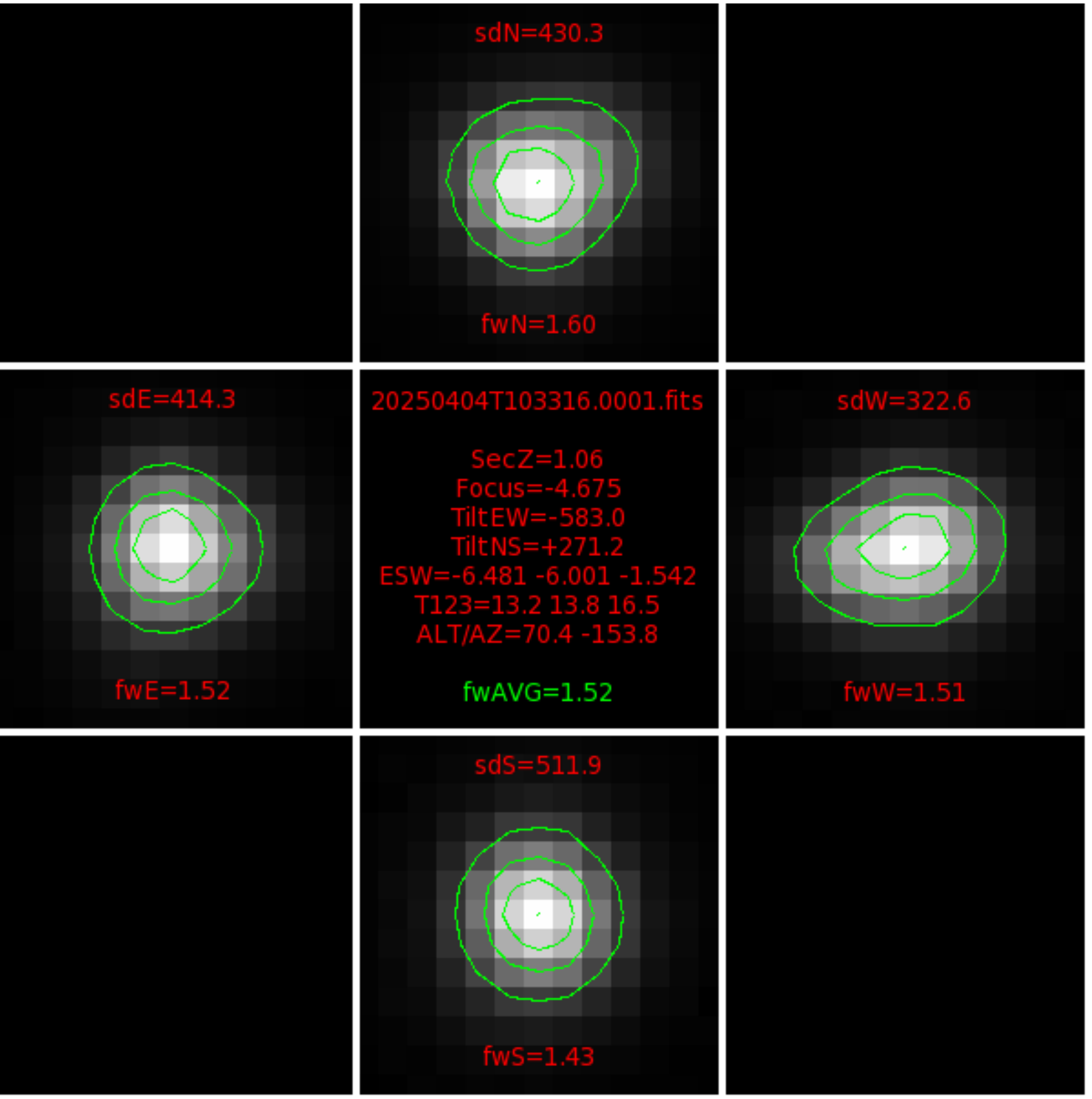

sdN=405.8
fwN=1.75
sdE=424.9
fwE=1.60
20250404T103123.0001.fits
SecZ=1.07
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.3 13.8 16.5
ALT/AZ=69.4 -151.3
fwAVG=1.60
sdW=162.6
fwW=1.65
sdS=483.1
fwS=1.41
0 0 0 0 0 0 0 0 0


sdN=430.3
fwN=1.60
sdE=414.3
fwE=1.52
20250404T103316.0001.fits
SecZ=1.06
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.2 13.8 16.5
ALT/AZ=70.4 -153.8
fwAVG=1.52
sdW=322.6
fwW=1.51
sdS=511.9
fwS=1.43
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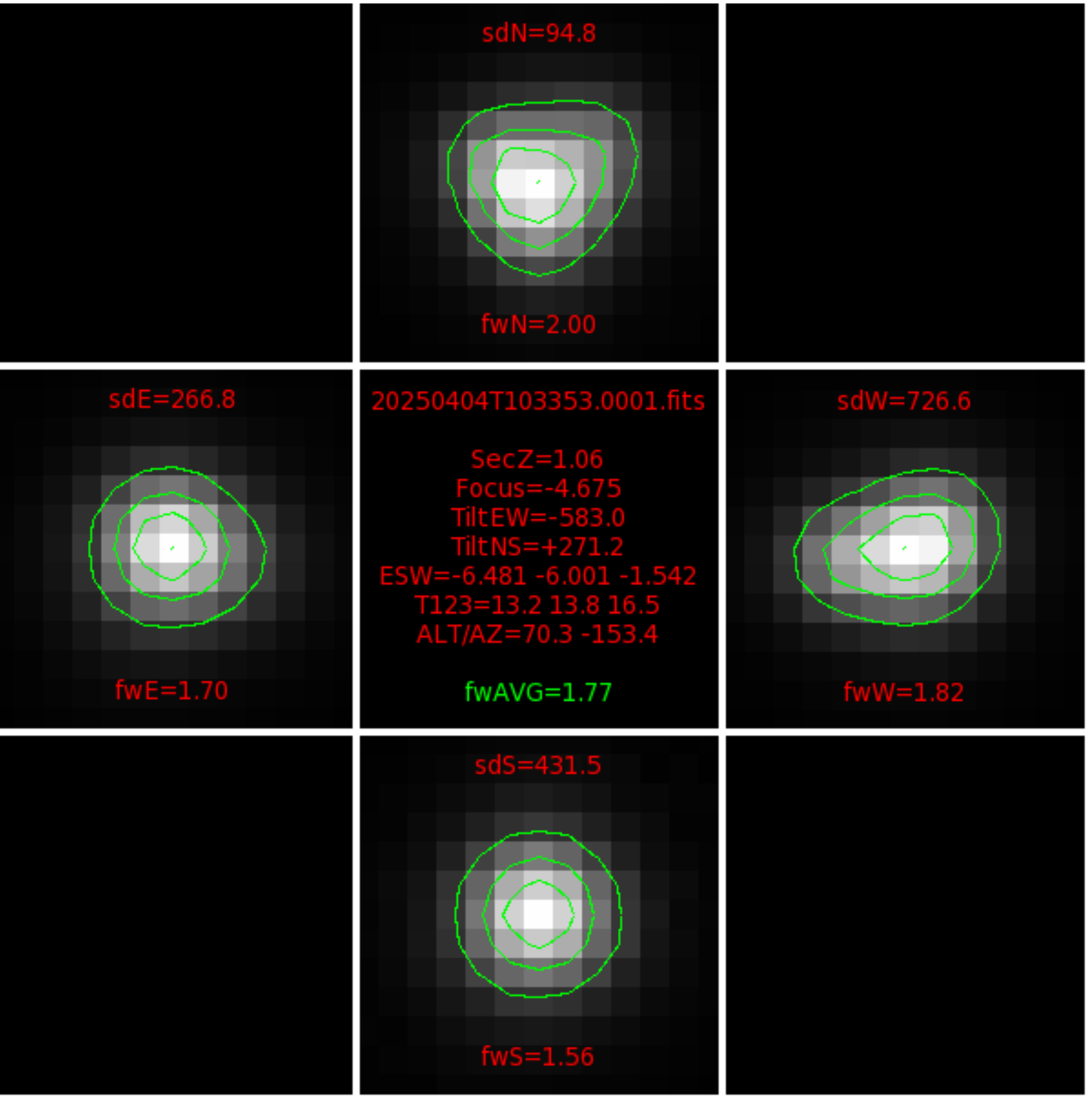
sdN=94.8
fwN=2.00
sdE=266.8
fwE=1.70
20250404T103353.0001.fits
SecZ=1.06
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.2 13.8 16.5
ALT/AZ=70.3 -153.4
fwAVG=1.77
sdW=726.6
fwW=1.82
sdS=431.5
fwS=1.56
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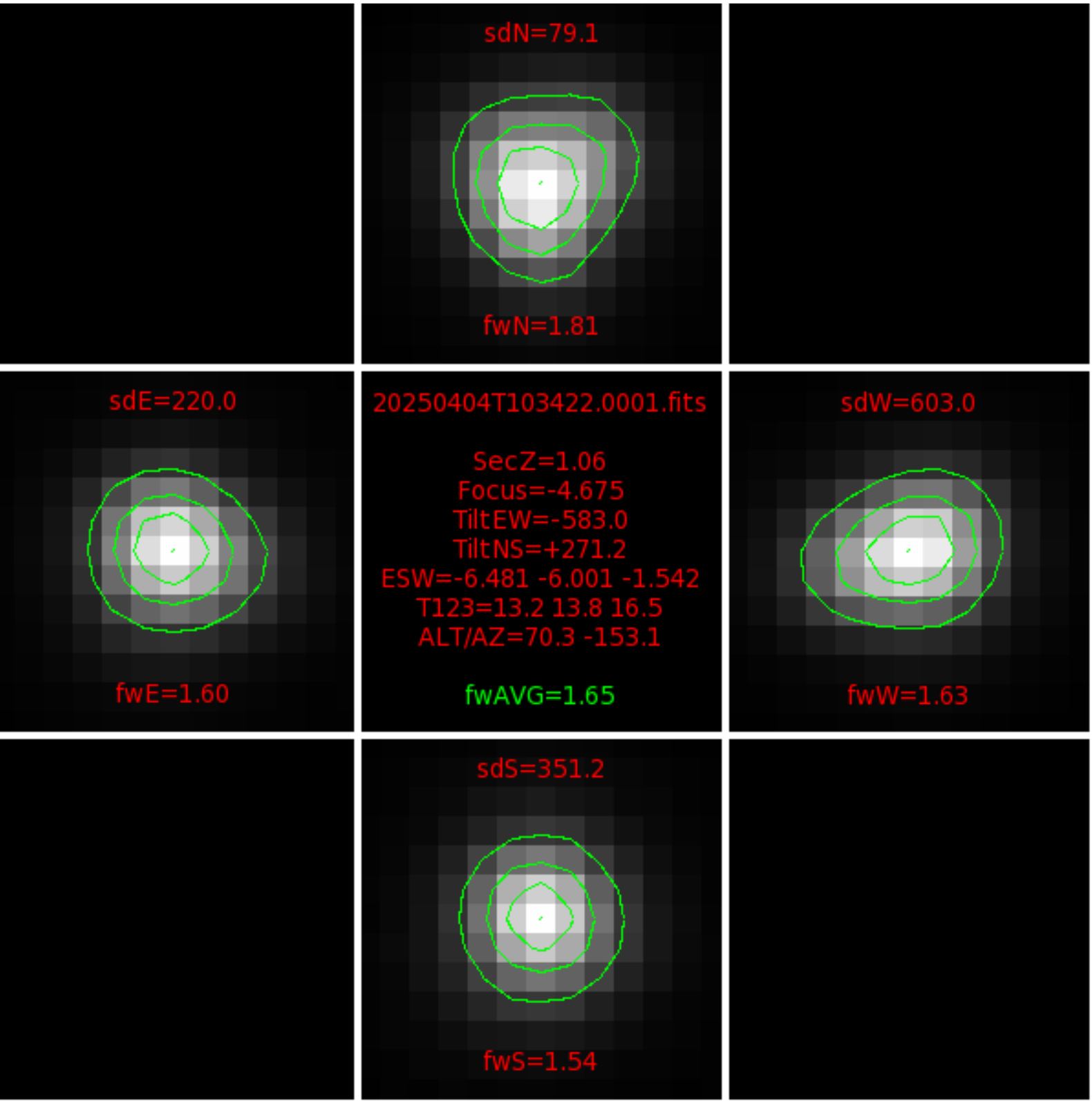
sdN=79.1
fwN=1.81
sdE=220.0
fwE=1.60
20250404T103422.0001.fits
SecZ=1.06
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.2 13.8 16.5
ALT/AZ=70.3 -153.1
fwAVG=1.65
sdW=603.0
fwW=1.63
sdS=351.2
fwS=1.54
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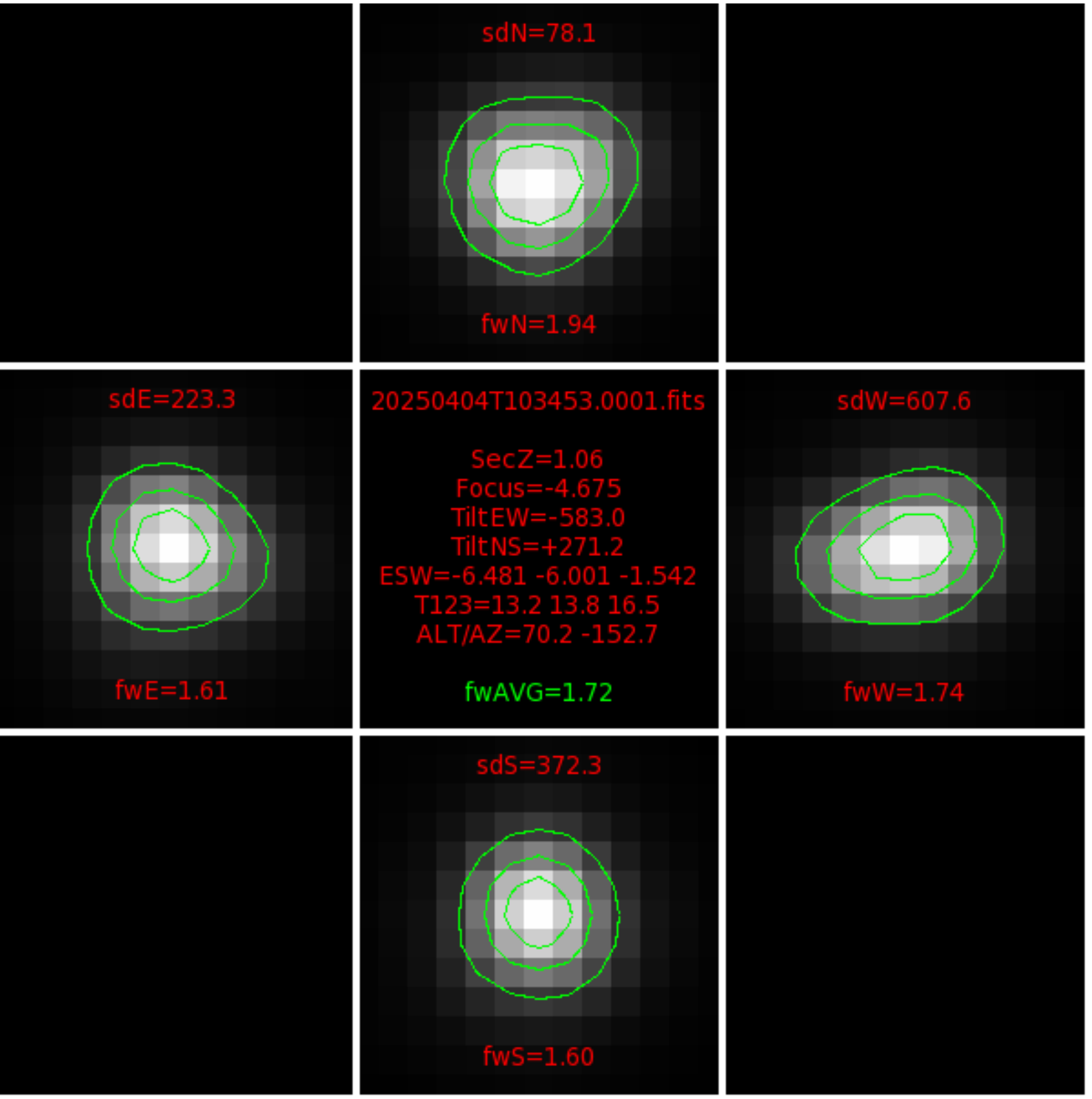
sdN=78.1
fwN=1.94
sdE=223.3
fwE=1.61
20250404T103453.0001.fits
SecZ=1.06
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.2 13.8 16.5
ALT/AZ=70.2 -152.7
fwAVG=1.72
sdW=607.6
fwW=1.74
sdS=372.3
fwS=1.60
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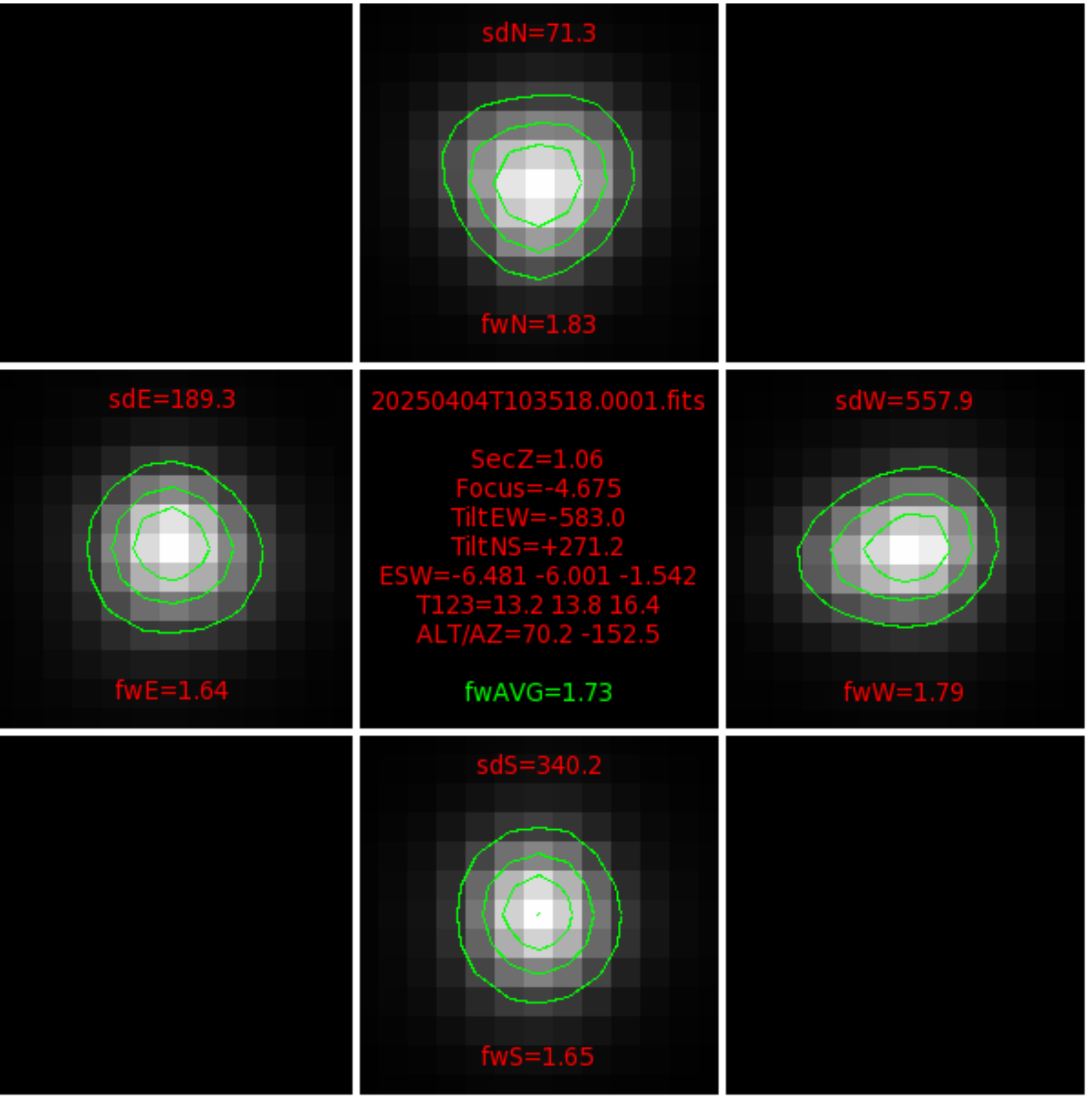
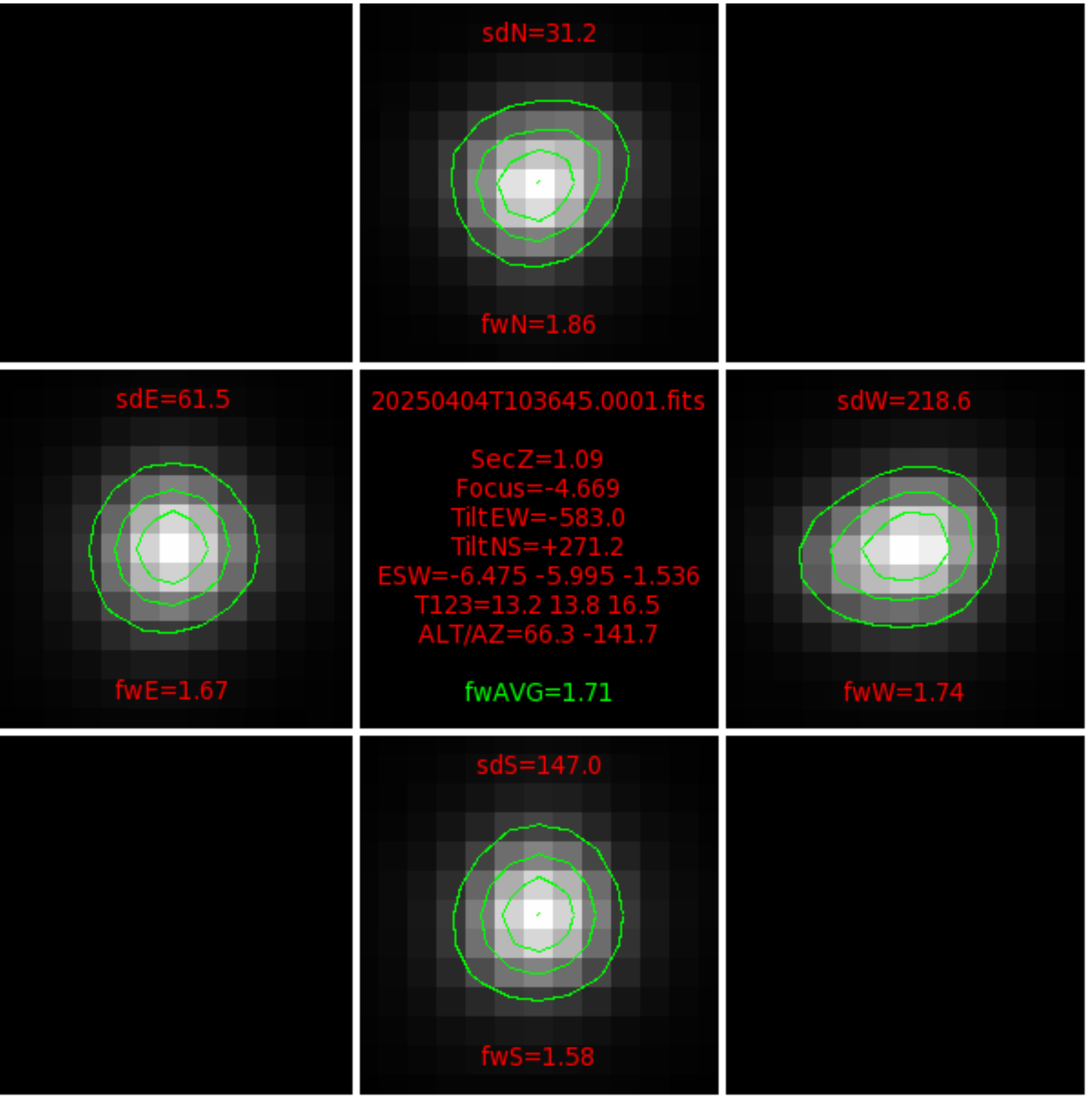
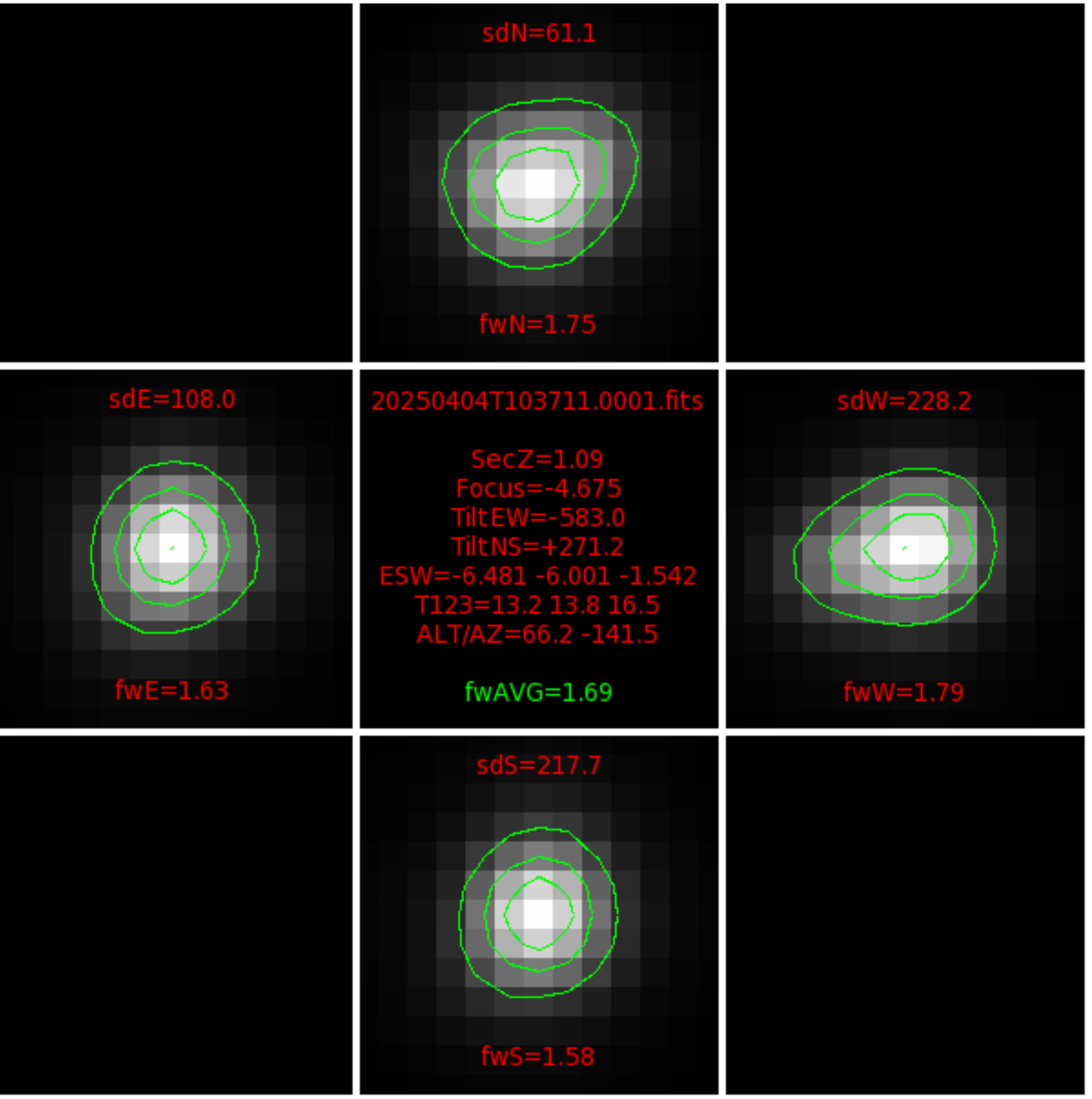
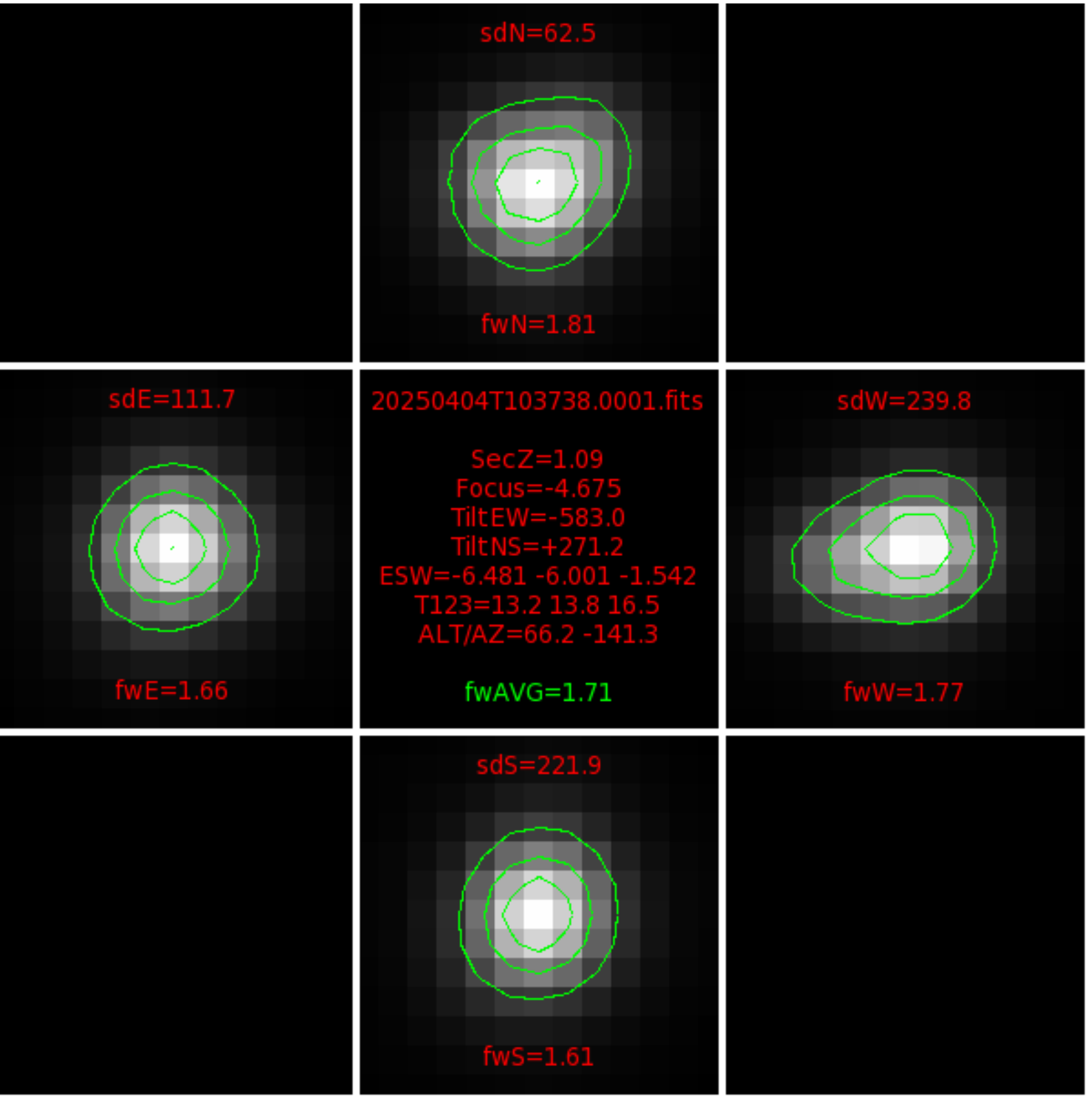

sdN=71.3
fwN=1.83
sdE=189.3
fwE=1.64
20250404T103518.0001.fits
SecZ=1.06
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.2 13.8 16.4
ALT/AZ=70.2 -152.5
fwAVG=1.73
sdW=557.9
fwW=1.79
sdS=340.2
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=31.2
fwN=1.86
sdE=61.5
fwE=1.67
20250404T103645.0001.fits
SecZ=1.09
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=13.2 13.8 16.5
ALT/AZ=66.3 -141.7
fwAVG=1.71
sdW=218.6
fwW=1.74
sdS=147.0
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=61.1
fwN=1.75
sdE=108.0
fwE=1.63
20250404T103711.0001.fits
SecZ=1.09
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.2 13.8 16.5
ALT/AZ=66.2 -141.5
fwAVG=1.69
sdW=228.2
fwW=1.79
sdS=217.7
fwS=1.58
0 0 0 0 0 0 0 0 0


sdN=62.5
fwN=1.81
sdE=111.7
fwE=1.66
20250404T103738.0001.fits
SecZ=1.09
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.2 13.8 16.5
ALT/AZ=66.2 -141.3
fwAVG=1.71
sdW=239.8
fwW=1.77
sdS=221.9
fwS=1.61
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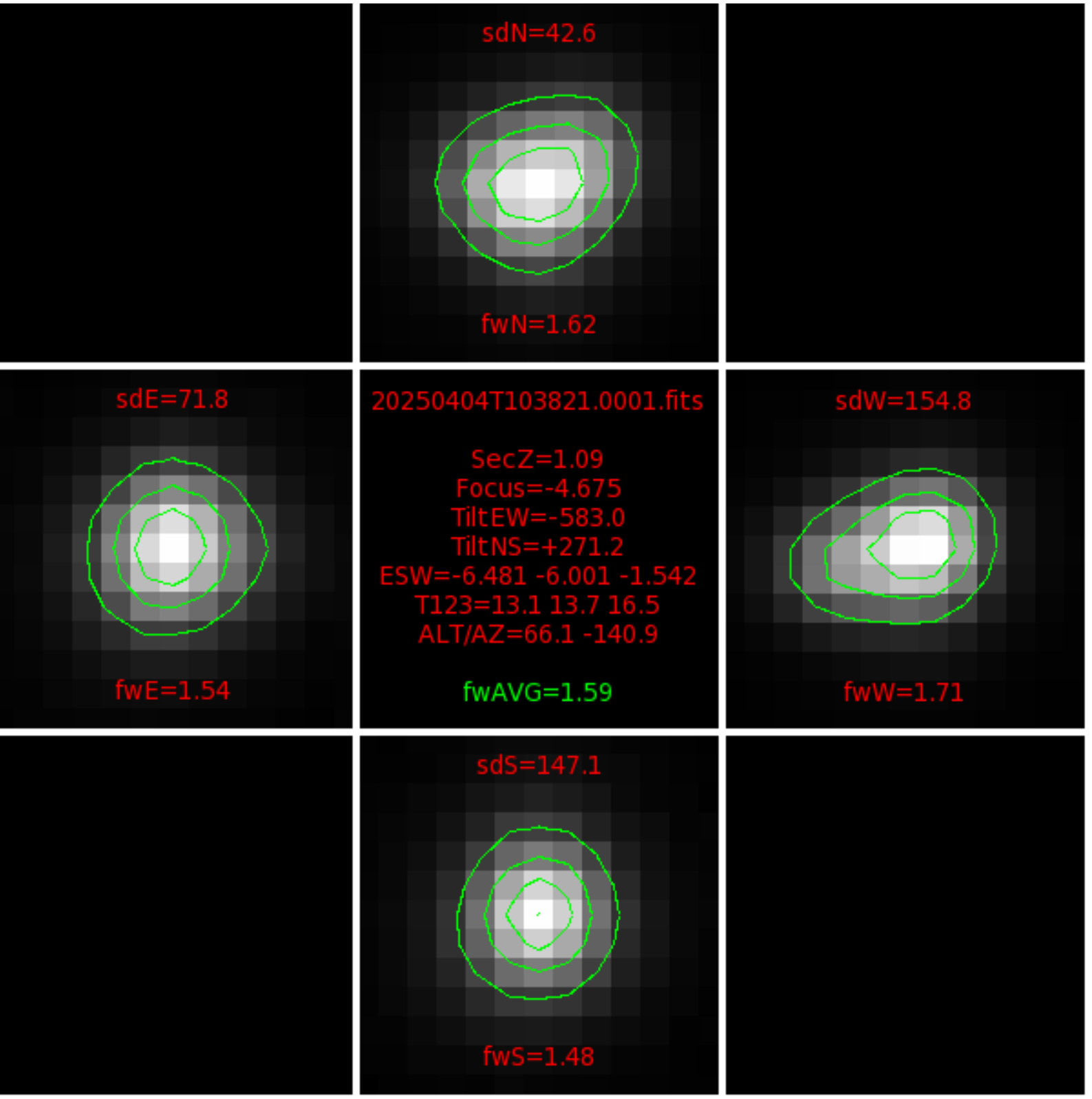
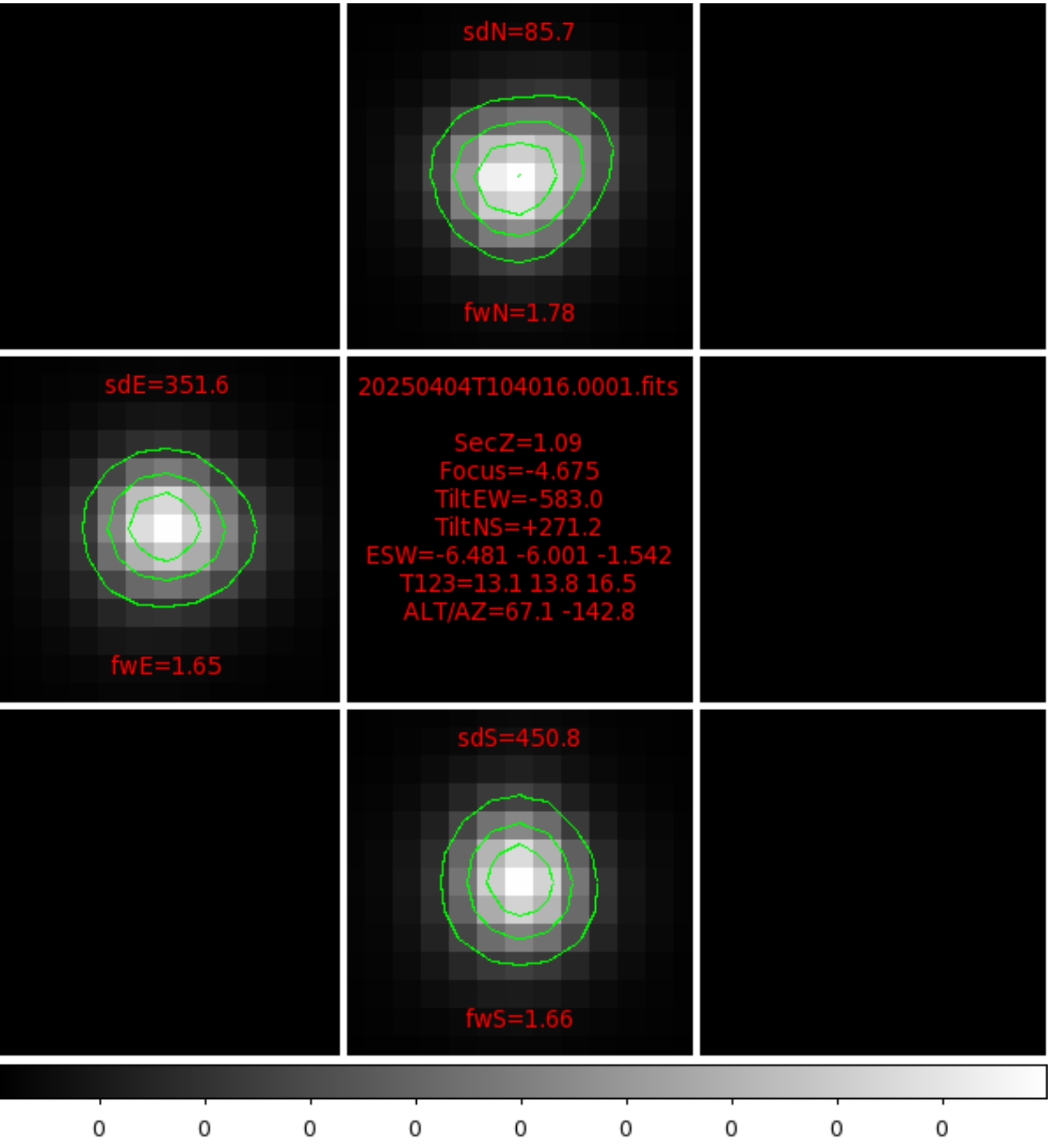
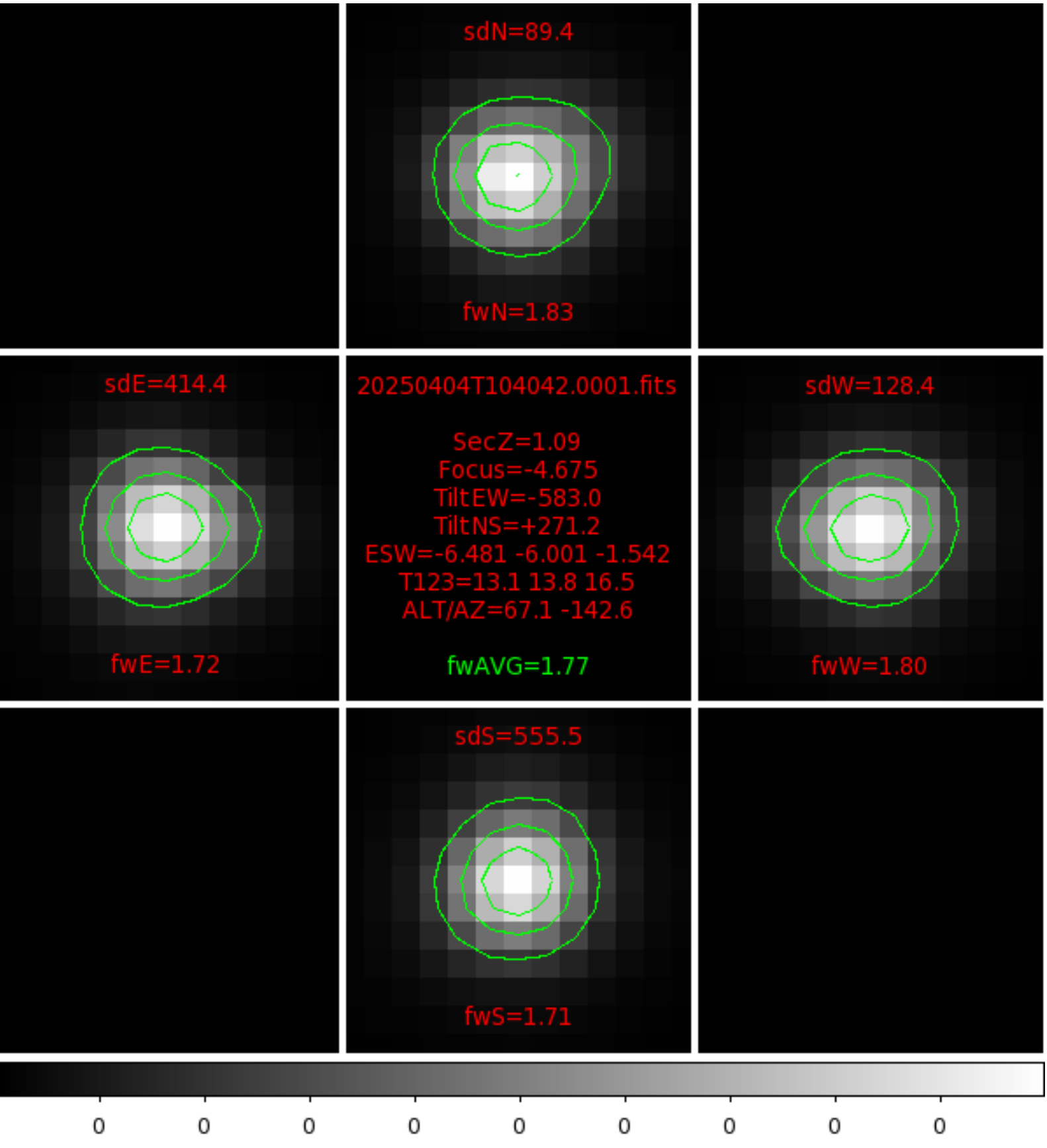
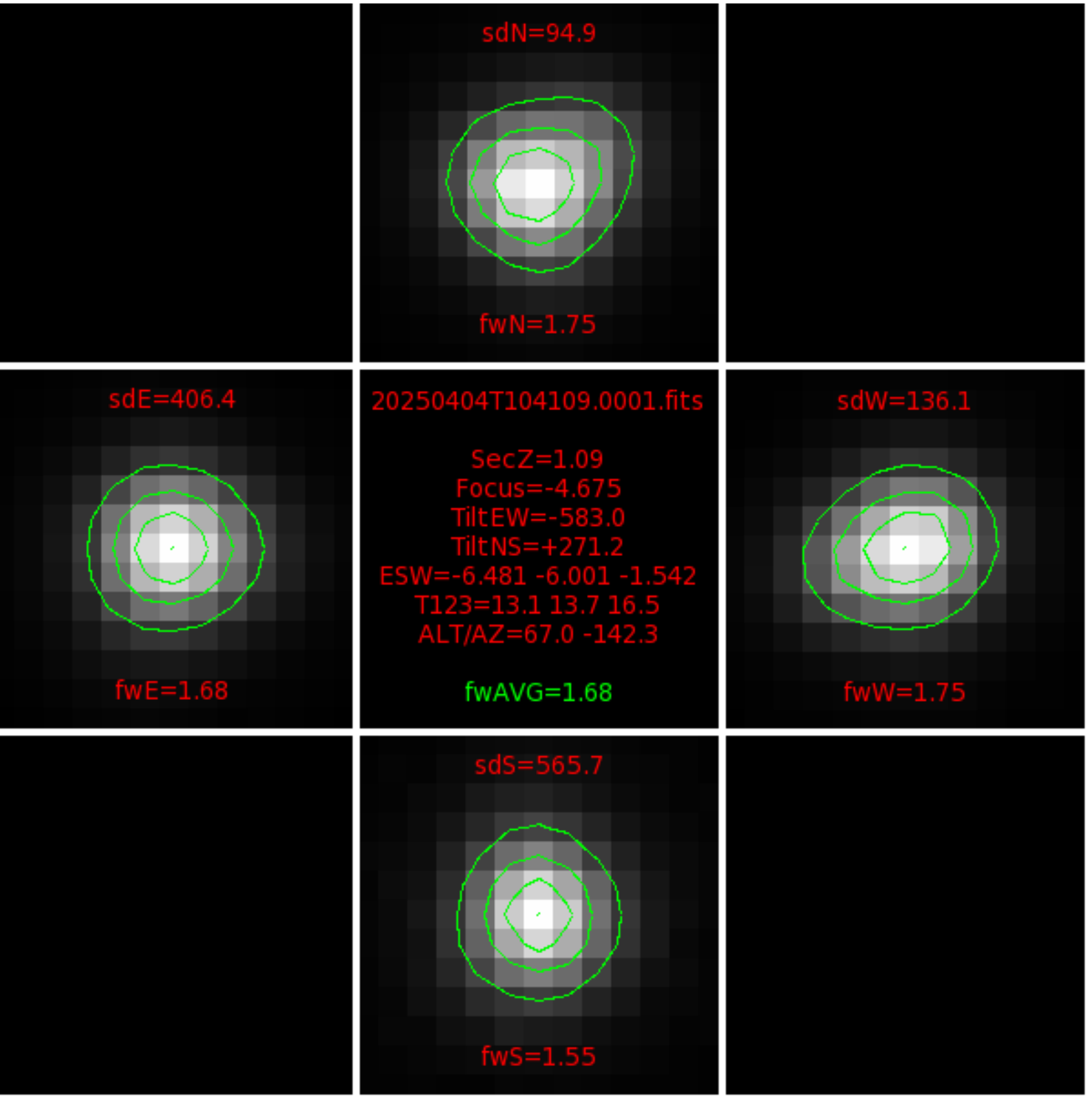

sdN=42.6
fwN=1.62
sdE=71.8
fwE=1.54
20250404T103821.0001.fits
SecZ=1.09
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.1 13.7 16.5
ALT/AZ=66.1 -140.9
fwAVG=1.59
sdW=154.8
fwW=1.71
sdS=147.1
fwS=1.48
0 0 0 0 0 0 0 0 0


sdN=85.7
fwN=1.78
sdE=351.6
fwE=1.65
20250404T104016.0001.fits
SecZ=1.09
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.1 13.8 16.5
ALT/AZ=67.1 -142.8
sdS=450.8
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=89.4
fwN=1.83
sdE=414.4
fwE=1.72
20250404T104042.0001.fits
SecZ=1.09
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.1 13.8 16.5
ALT/AZ=67.1 -142.6
fwAVG=1.77
sdW=128.4
fwW=1.80
sdS=555.5
fwS=1.71
0 0 0 0 0 0 0 0 0


sdN=94.9
fwN=1.75
sdE=406.4
fwE=1.68
20250404T104109.0001.fits
SecZ=1.09
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.1 13.7 16.5
ALT/AZ=67.0 -142.3
fwAVG=1.68
sdW=136.1
fwW=1.75
sdS=565.7
fwS=1.55
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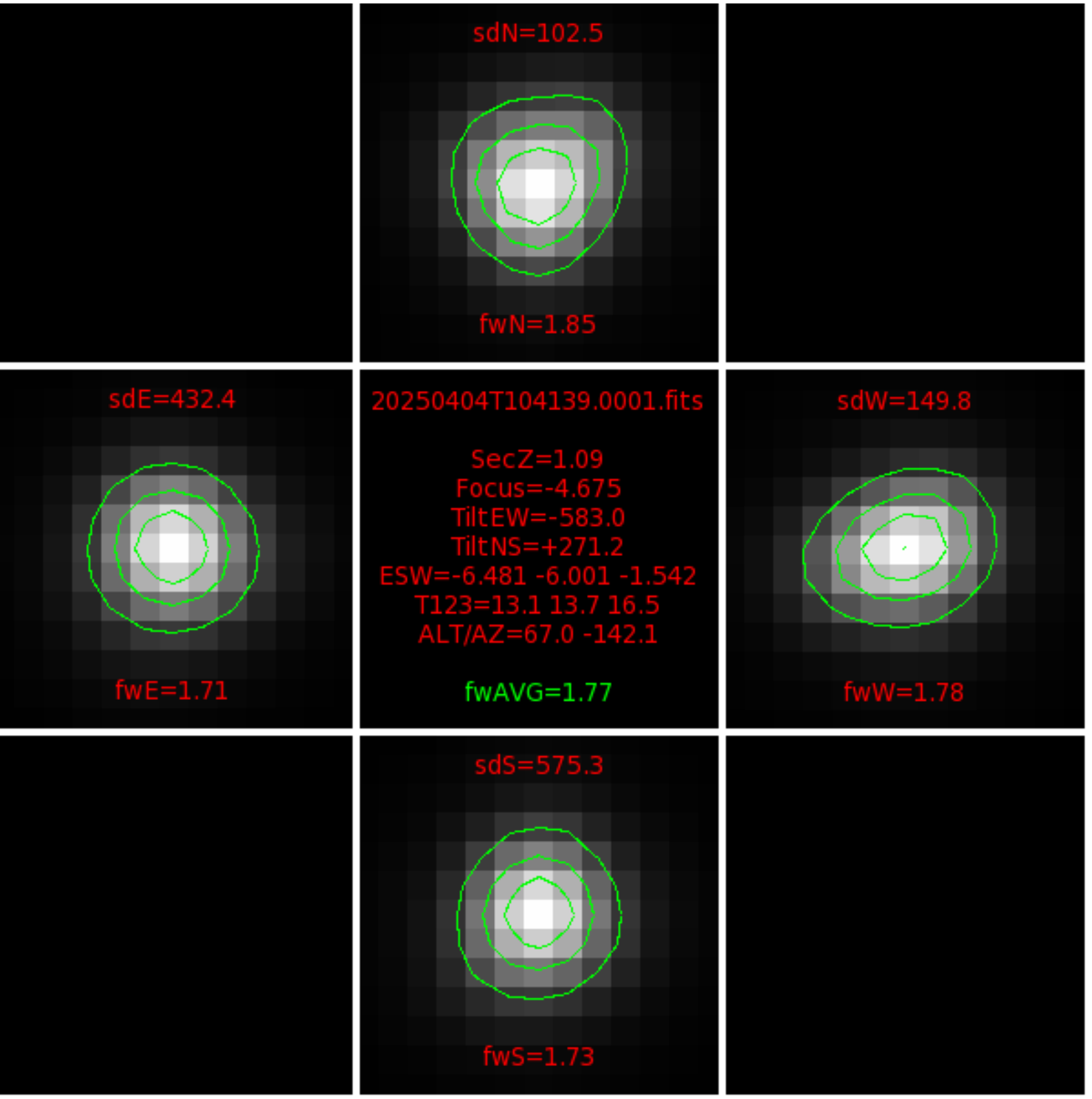
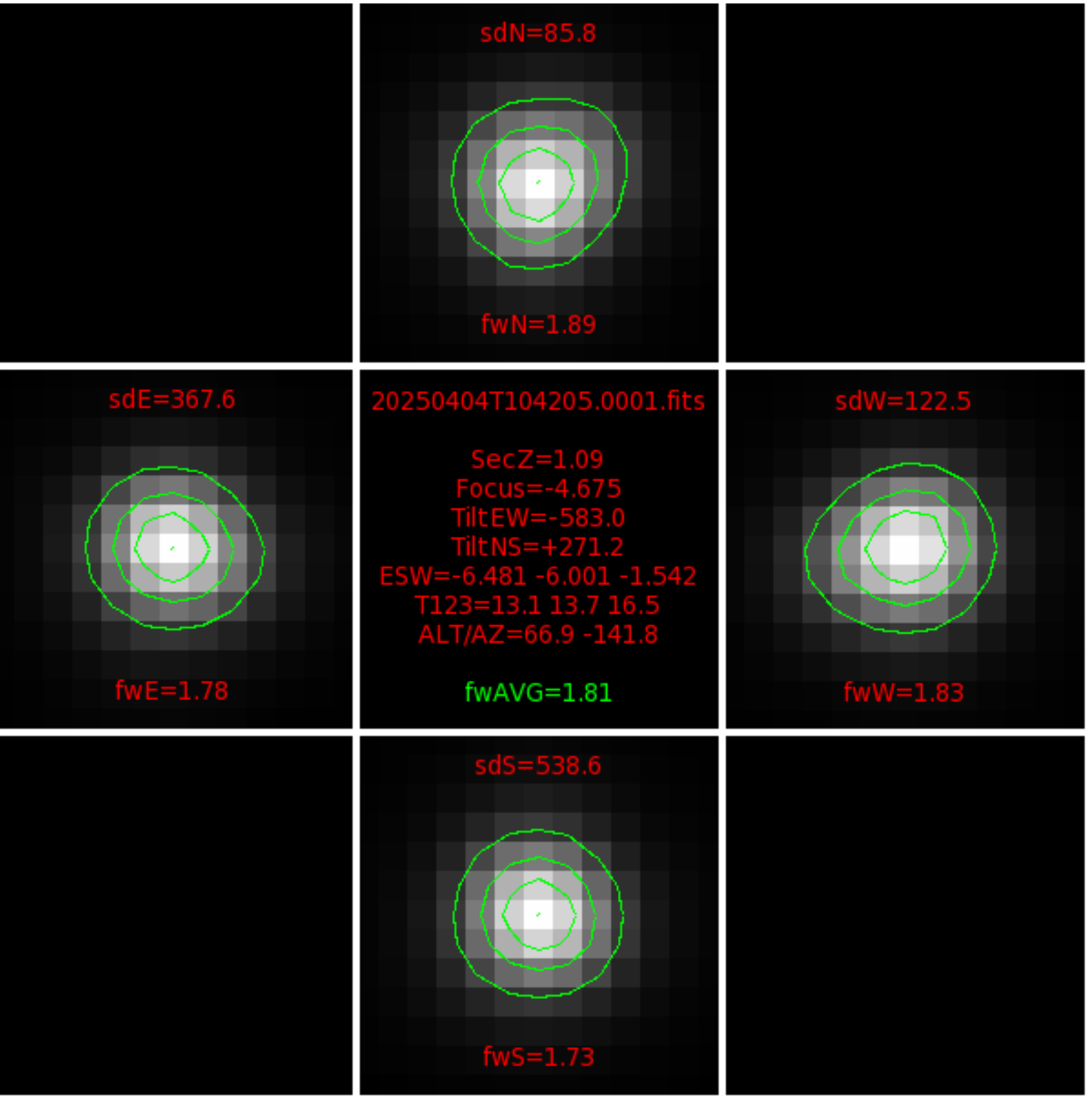

sdN=102.5
fwN=1.85
sdE=432.4
fwE=1.71
20250404T104139.0001.fits
SecZ=1.09
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.1 13.7 16.5
ALT/AZ=67.0 -142.1
fwAVG=1.77
sdW=149.8
fwW=1.78
sdS=575.3
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=85.8
fwN=1.89
sdE=367.6
fwE=1.78
20250404T104205.0001.fits
SecZ=1.09
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.1 13.7 16.5
ALT/AZ=66.9 -141.8
fwAVG=1.81
sdW=122.5
fwW=1.83
sdS=538.6
fwS=1.73
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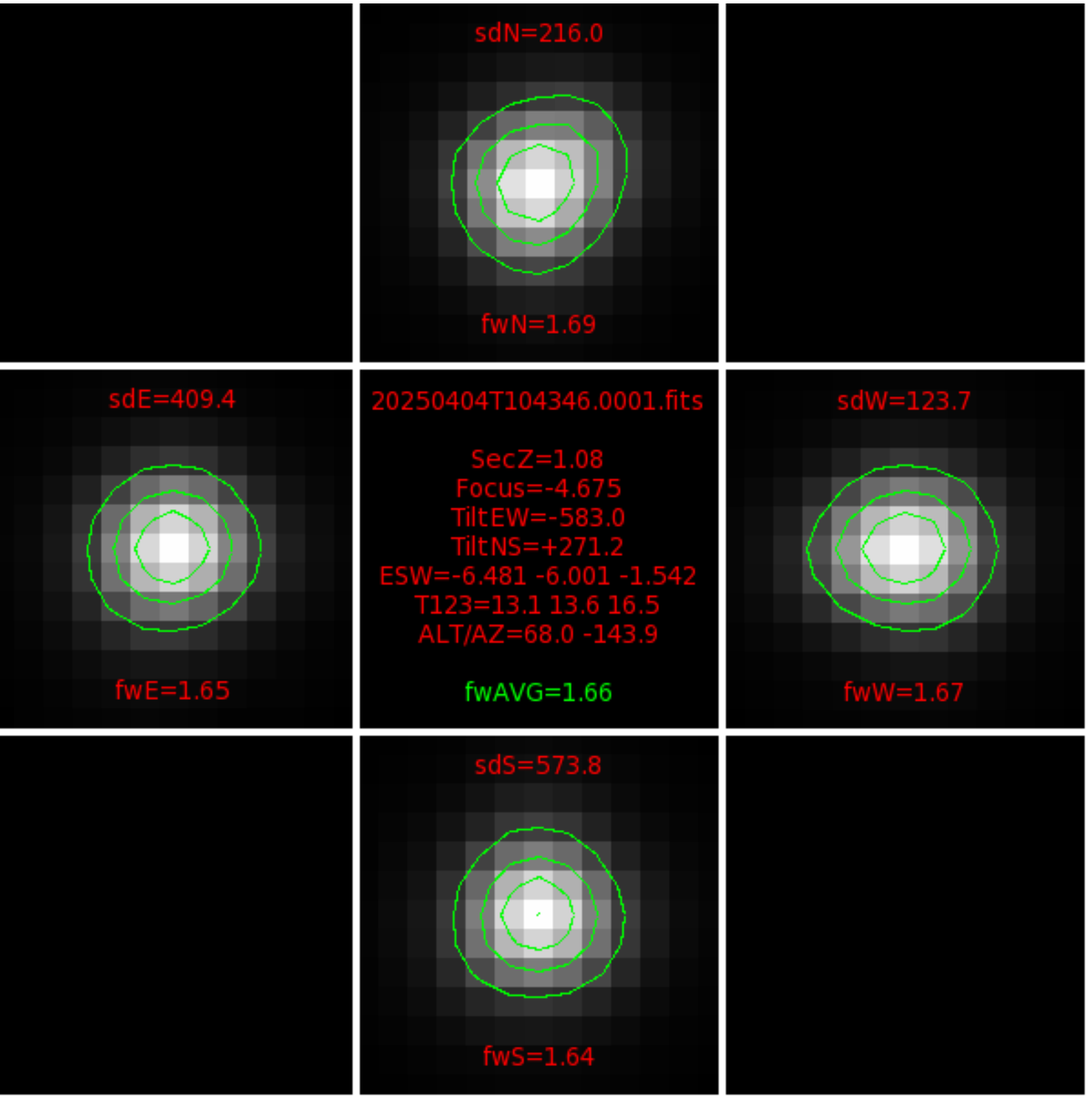
sdN=216.0
fwN=1.69
sdE=409.4
fwE=1.65
20250404T104346.0001.fits
SecZ=1.08
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.1 13.6 16.5
ALT/AZ=68.0 -143.9
fwAVG=1.66
sdW=123.7
fwW=1.67
sdS=573.8
fwS=1.64
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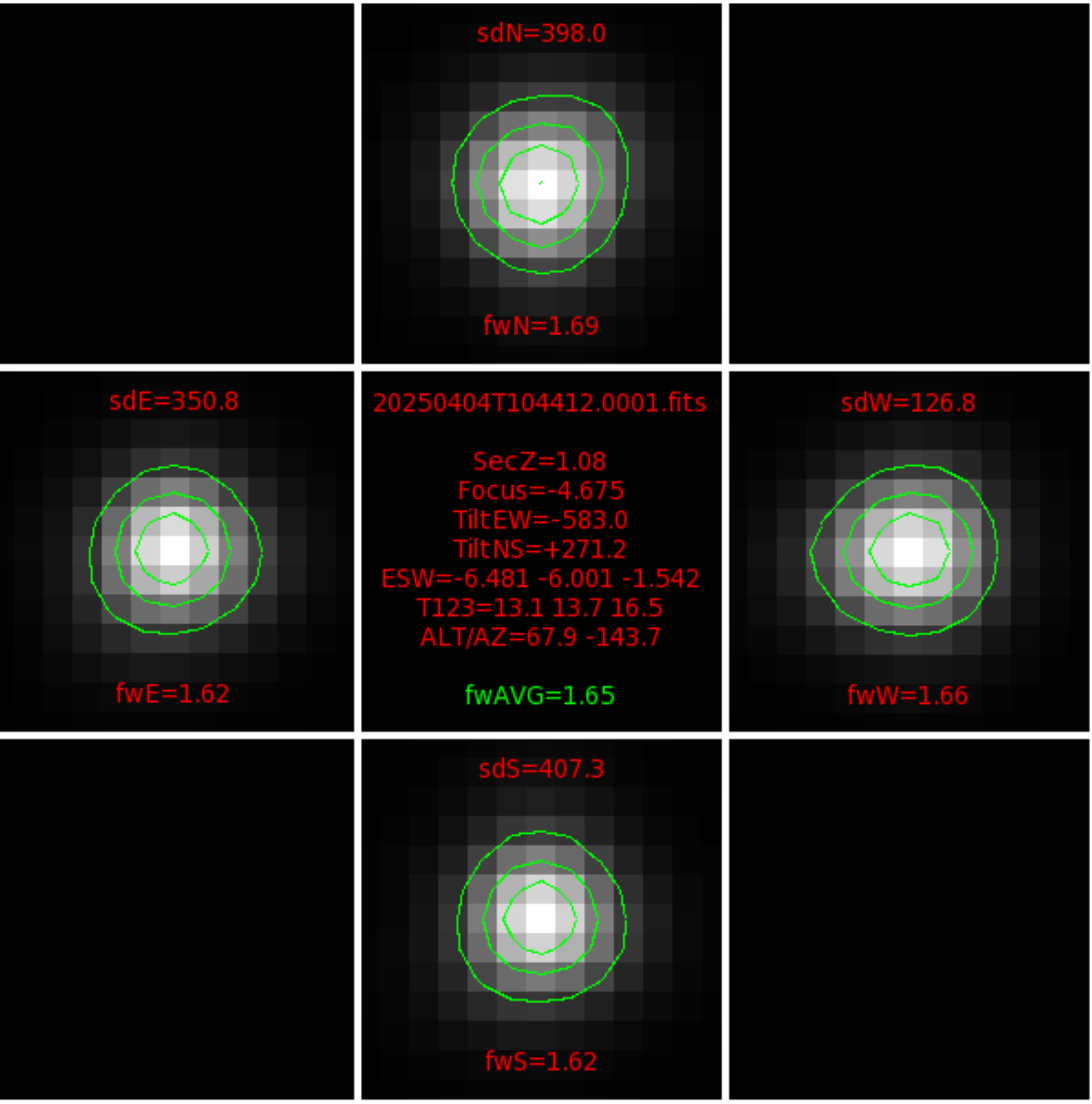
sdN=398.0
fwN=1.69
sdE=350.8
fwE=1.62
20250404T104412.0001.fits
SecZ=1.08
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.1 13.7 16.5
ALT/AZ=67.9 -143.7
fwAVG=1.65
sdW=126.8
fwW=1.66
sdS=407.3
fwS=1.62
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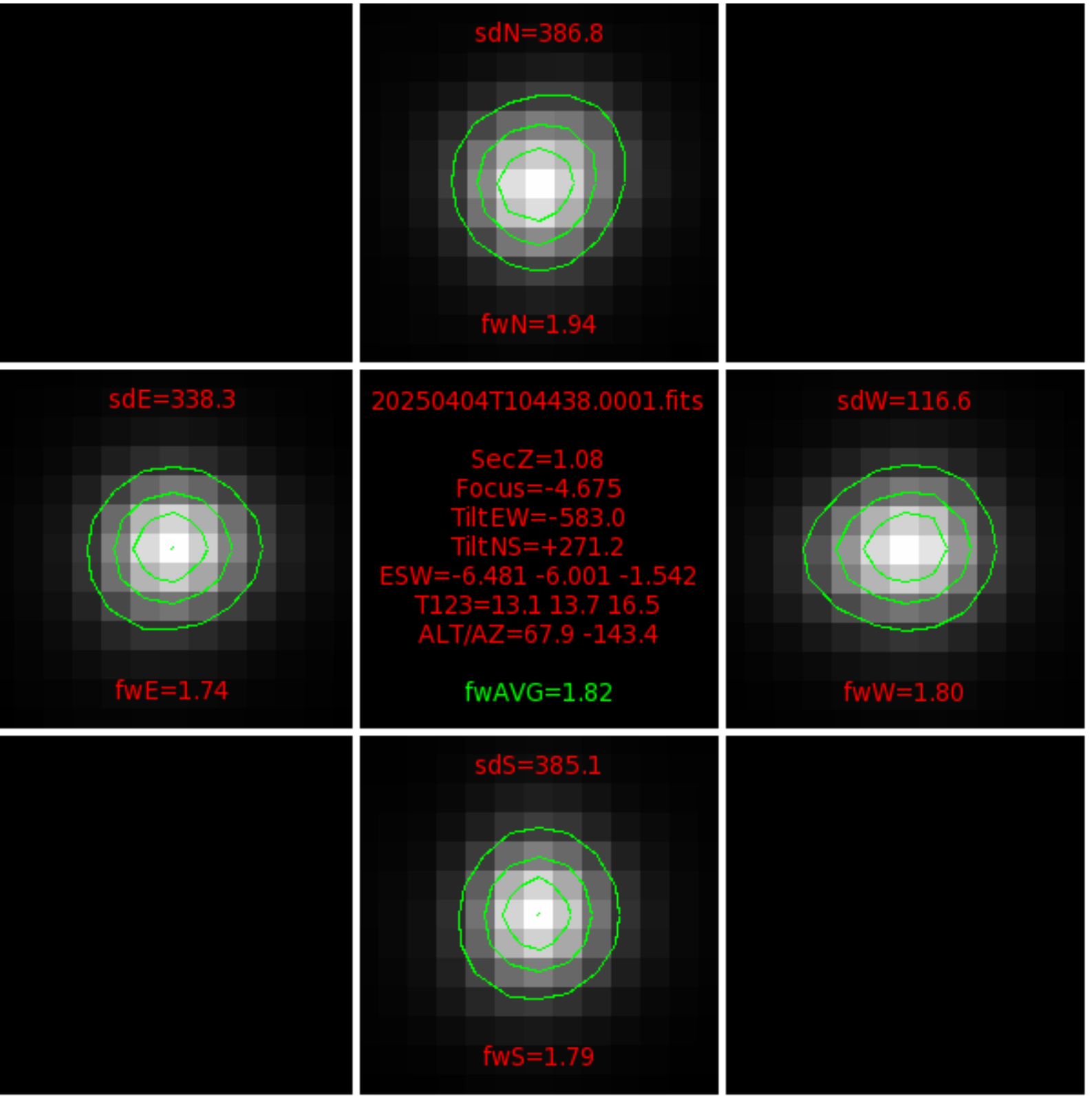
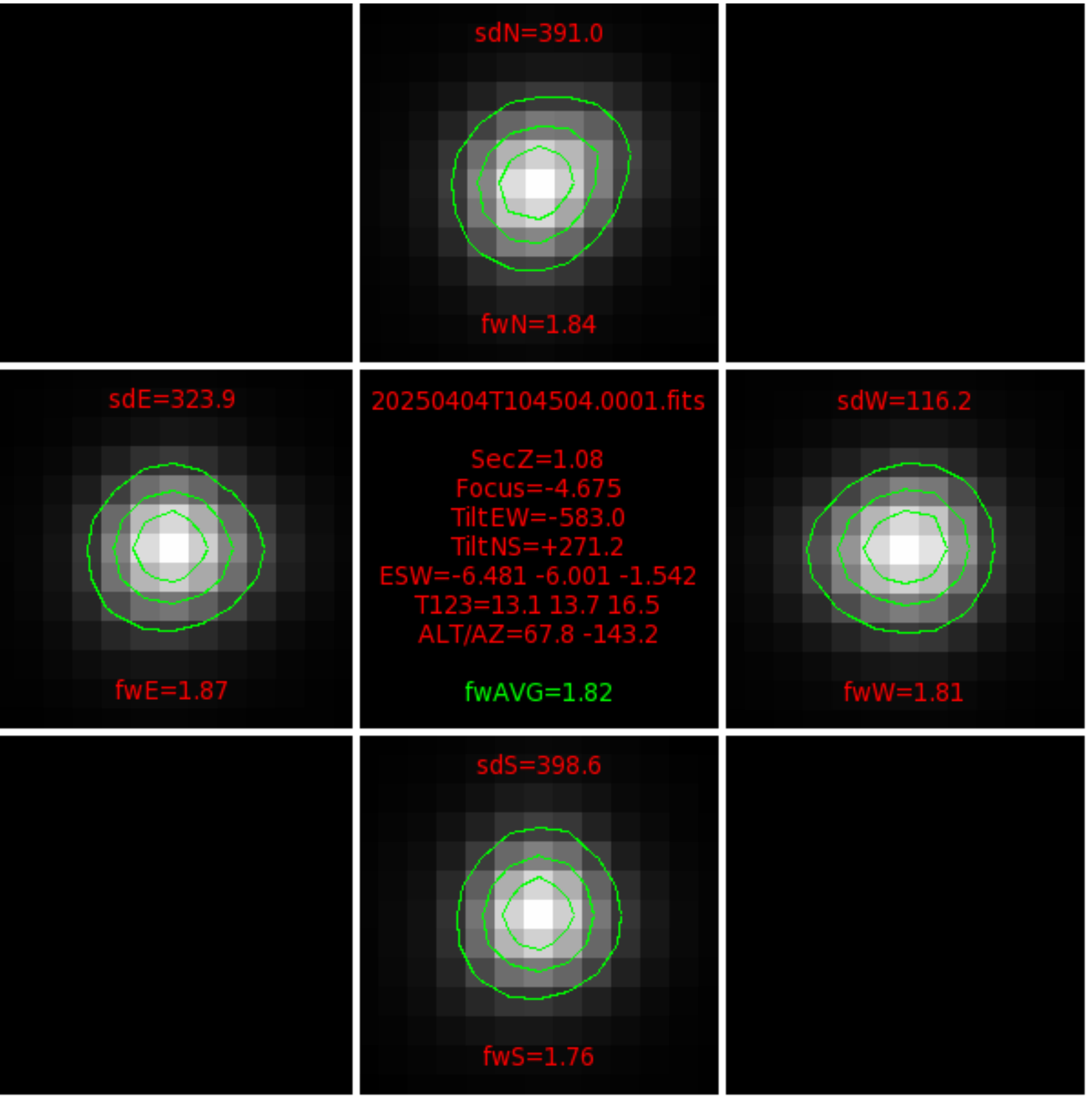

sdN=386.8
fwN=1.94
sdE=338.3
fwE=1.74
20250404T104438.0001.fits
SecZ=1.08
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.1 13.7 16.5
ALT/AZ=67.9 -143.4
fwAVG=1.82
sdW=116.6
fwW=1.80
sdS=385.1
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=391.0
fwN=1.84
sdE=323.9
fwE=1.87
20250404T104504.0001.fits
SecZ=1.08
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.1 13.7 16.5
ALT/AZ=67.8 -143.2
fwAVG=1.82
sdW=116.2
fwW=1.81
sdS=398.6
fwS=1.76
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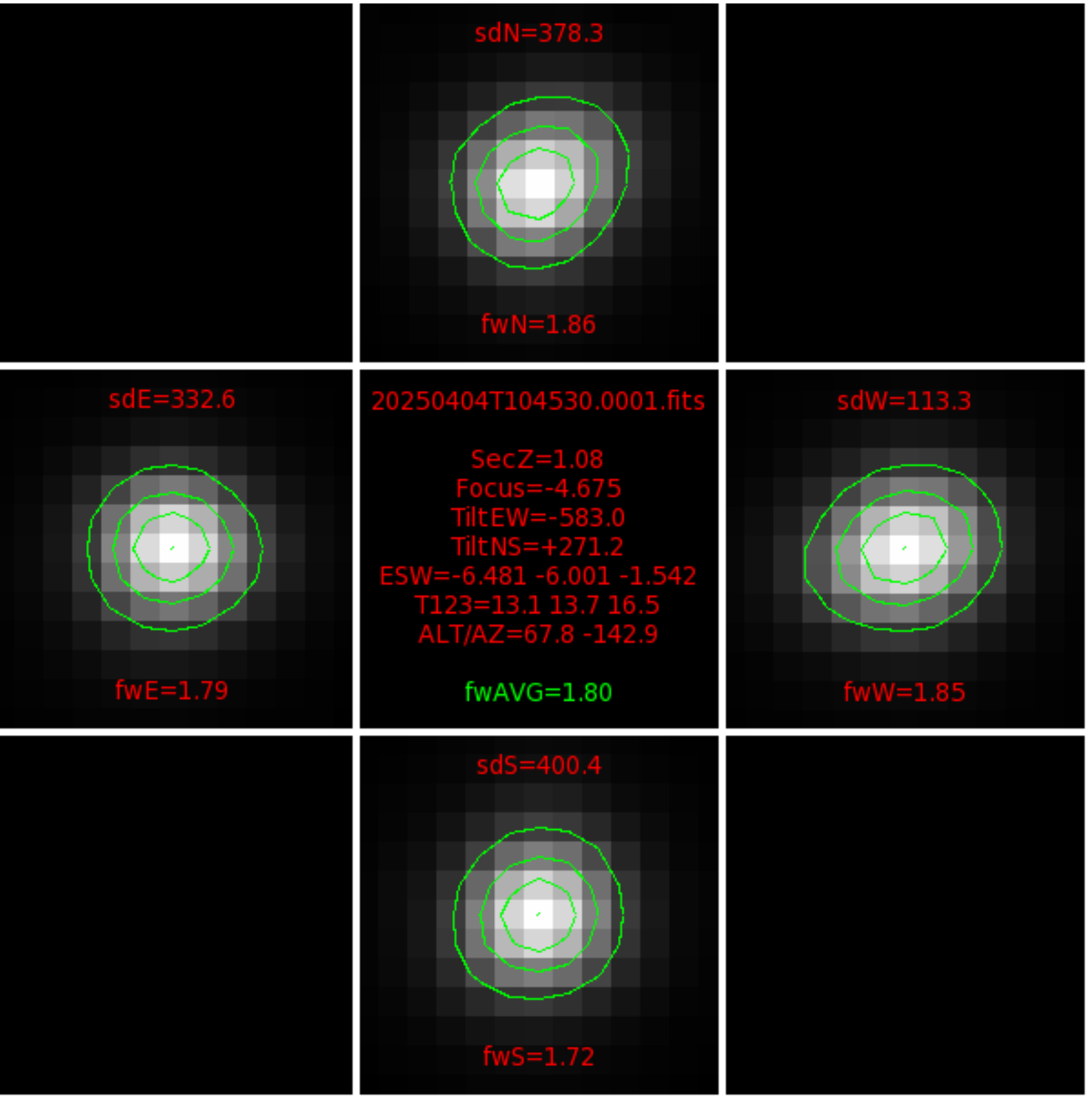
sdN=378.3
fwN=1.86
sdE=332.6
fwE=1.79
20250404T104530.0001.fits
SecZ=1.08
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.1 13.7 16.5
ALT/AZ=67.8 -142.9
fwAVG=1.80
sdW=113.3
fwW=1.85
sdS=400.4
fwS=1.72
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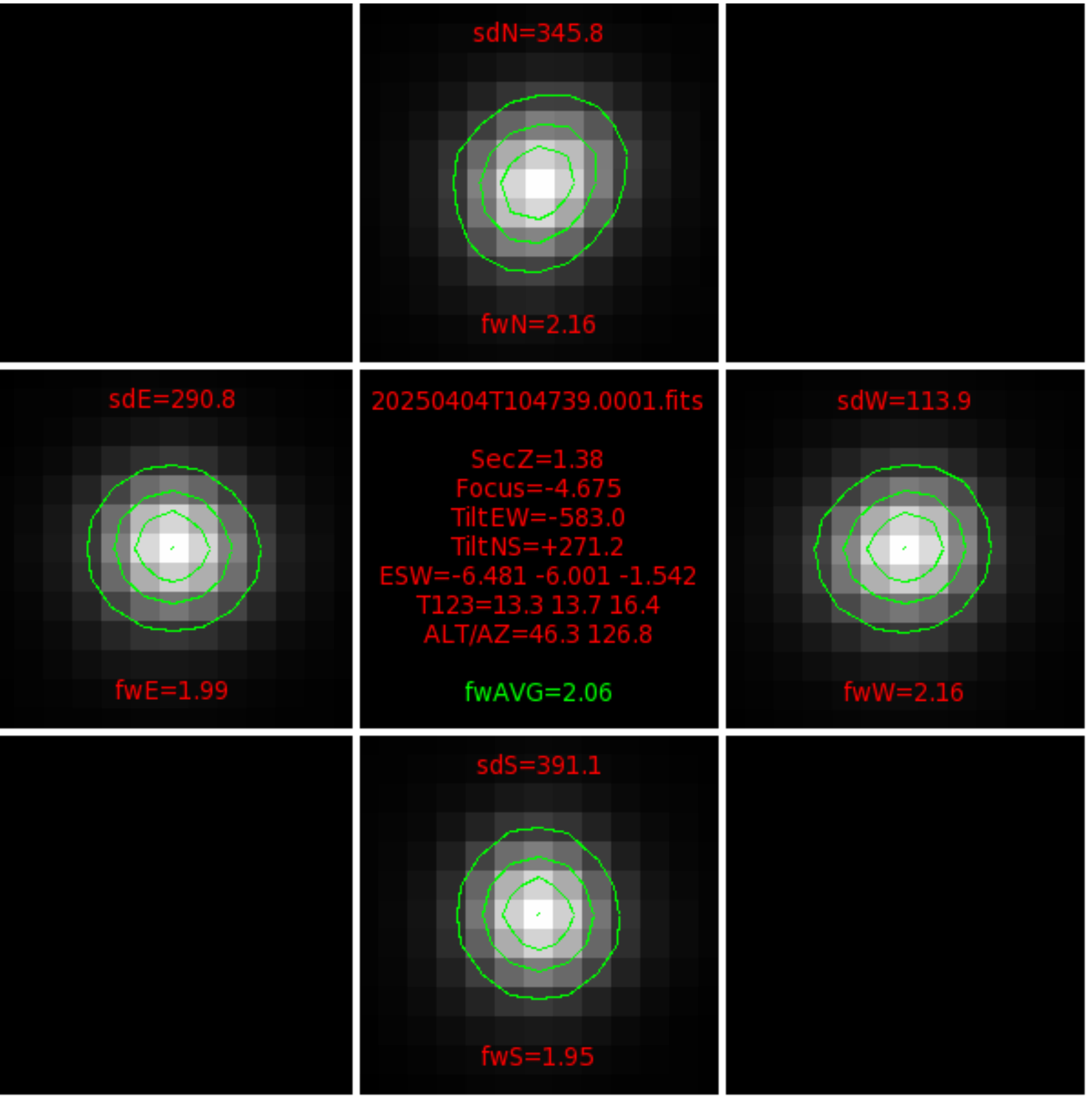
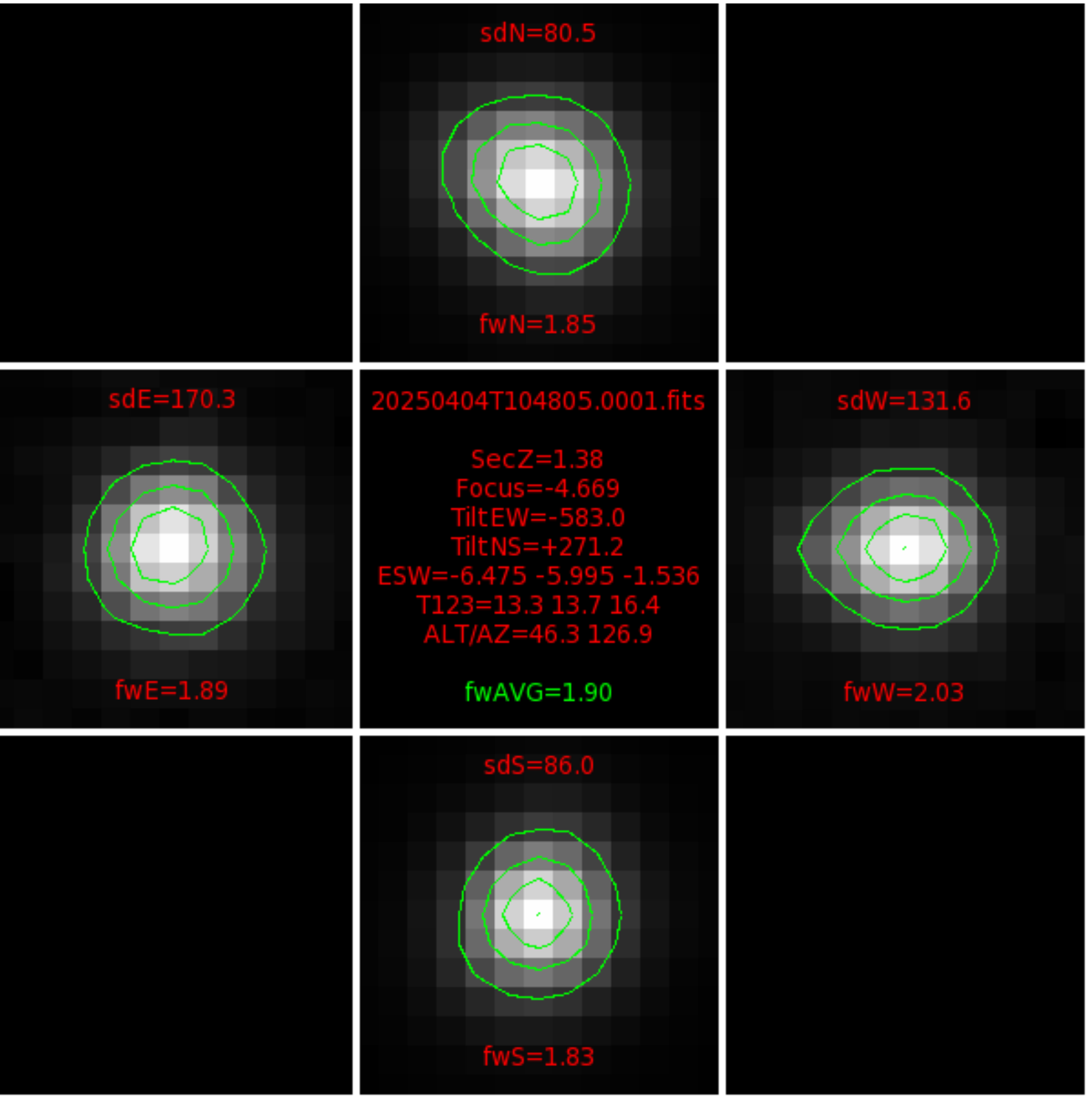

sdN=345.8
fwN=2.16
sdE=290.8
fwE=1.99
20250404T104739.0001.fits
SecZ=1.38
Focus=-4.675
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.481 -6.001 -1.542
T123=13.3 13.7 16.4
ALT/AZ=46.3 126.8
fwAVG=2.06
sdW=113.9
fwW=2.16
sdS=391.1
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=80.5
fwN=1.85
sdE=170.3
fwE=1.89
20250404T104805.0001.fits
SecZ=1.38
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=13.3 13.7 16.4
ALT/AZ=46.3 126.9
fwAVG=1.90
sdW=131.6
fwW=2.03
sdS=86.0
fwS=1.83
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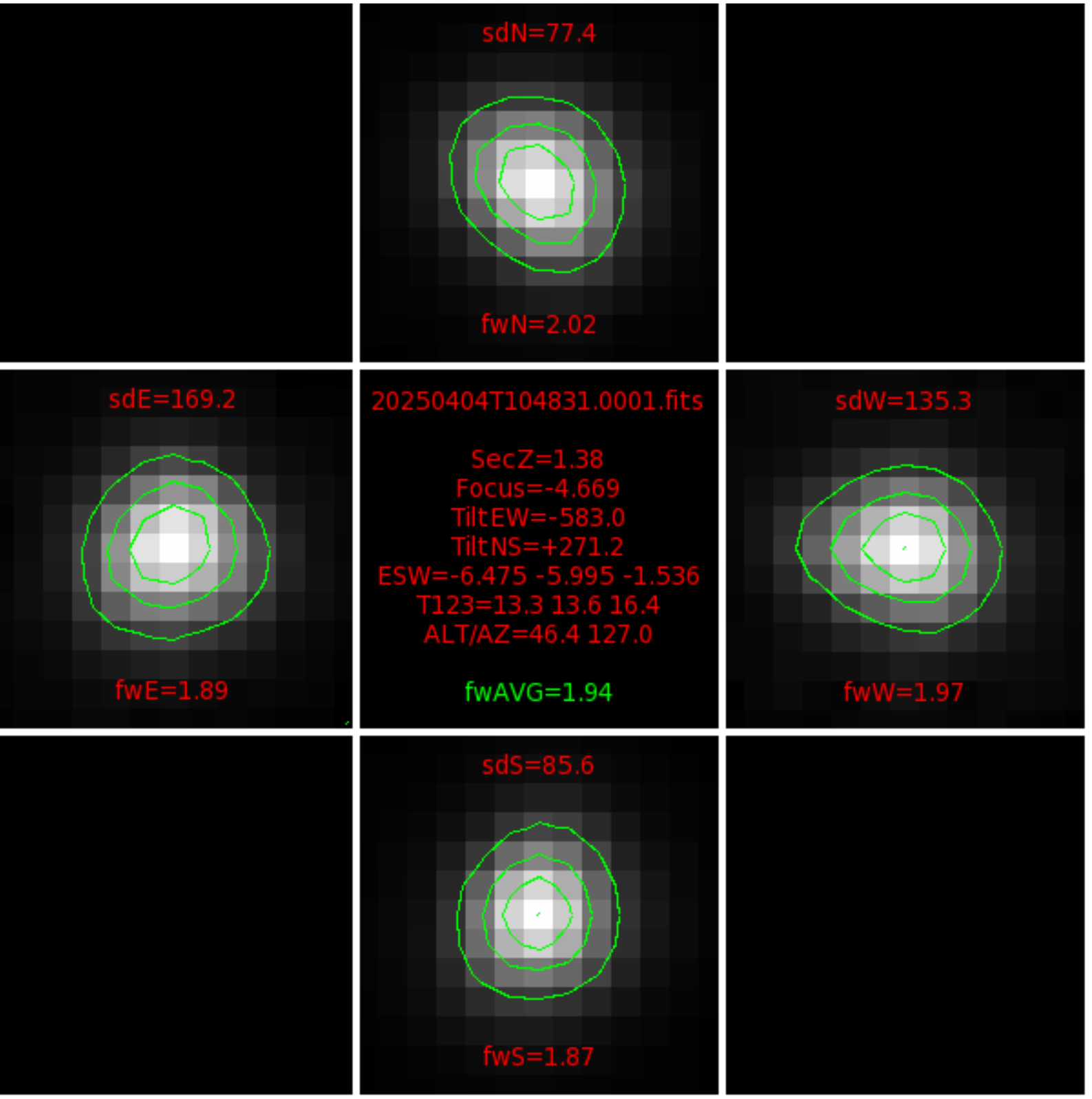
sdN=77.4
fwN=2.02
sdE=169.2
fwE=1.89
20250404T104831.0001.fits
SecZ=1.38
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=13.3 13.6 16.4
ALT/AZ=46.4 127.0
fwAVG=1.94
sdW=135.3
fwW=1.97
sdS=85.6
fwS=1.87
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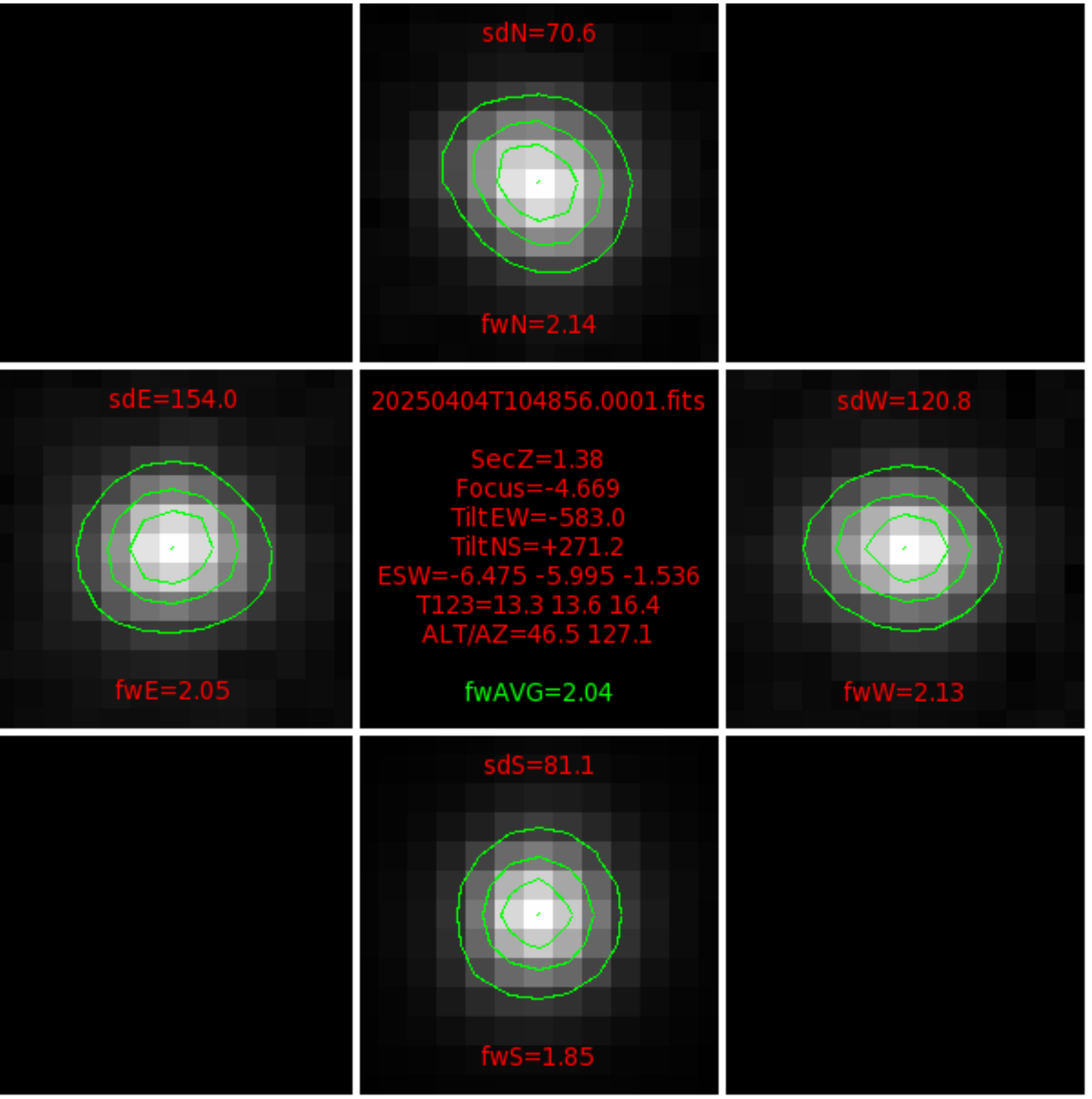
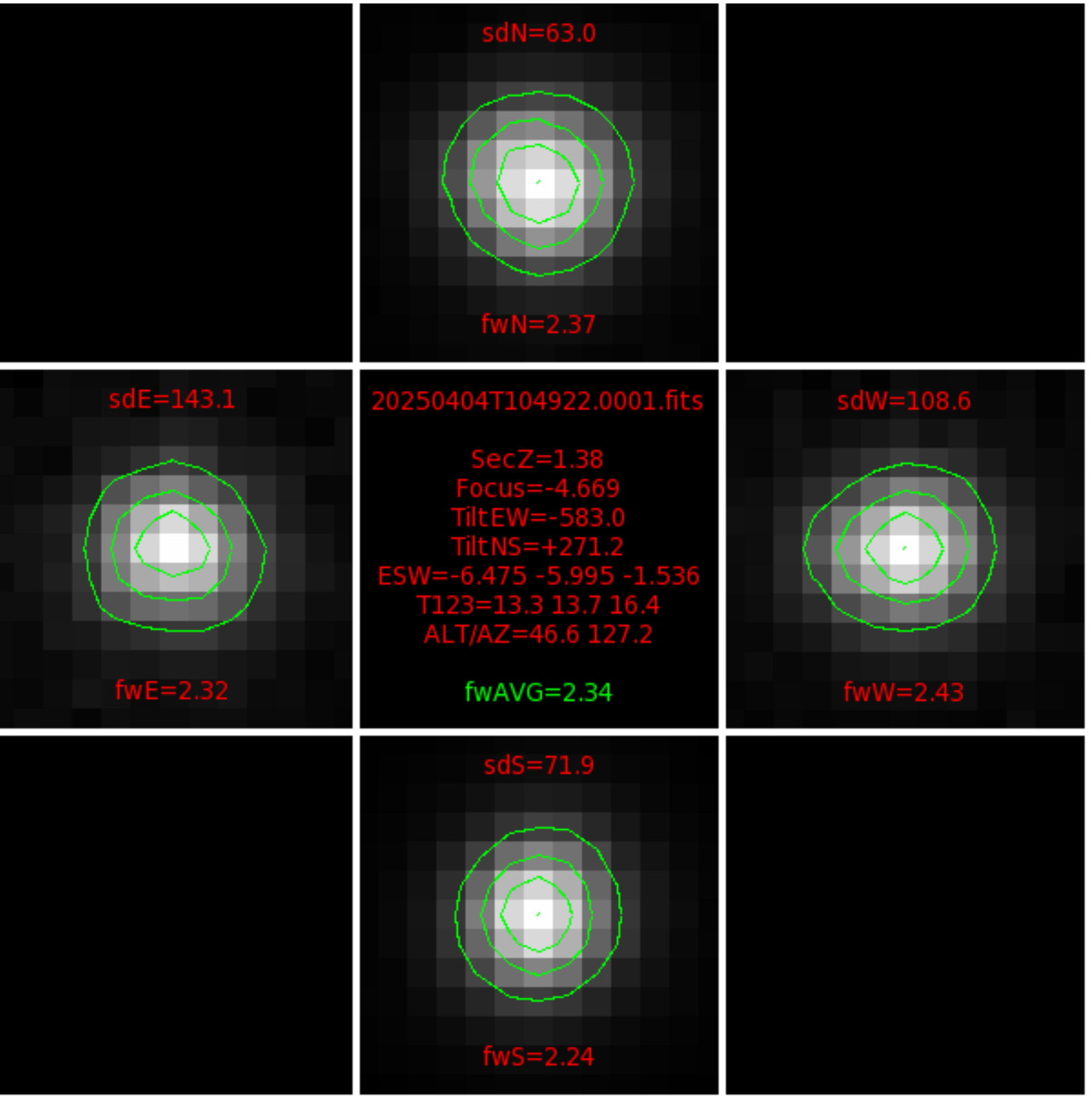

sdN=70.6
fwN=2.14
sdE=154.0
fwE=2.05
20250404T104856.0001.fits
SecZ=1.38
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=13.3 13.6 16.4
ALT/AZ=46.5 127.1
fwAVG=2.04
sdW=120.8
fwW=2.13
sdS=81.1
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=63.0
fwN=2.37
sdE=143.1
fwE=2.32
20250404T104922.0001.fits
SecZ=1.38
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=13.3 13.7 16.4
ALT/AZ=46.6 127.2
fwAVG=2.34
sdW=108.6
fwW=2.43
sdS=71.9
fwS=2.24
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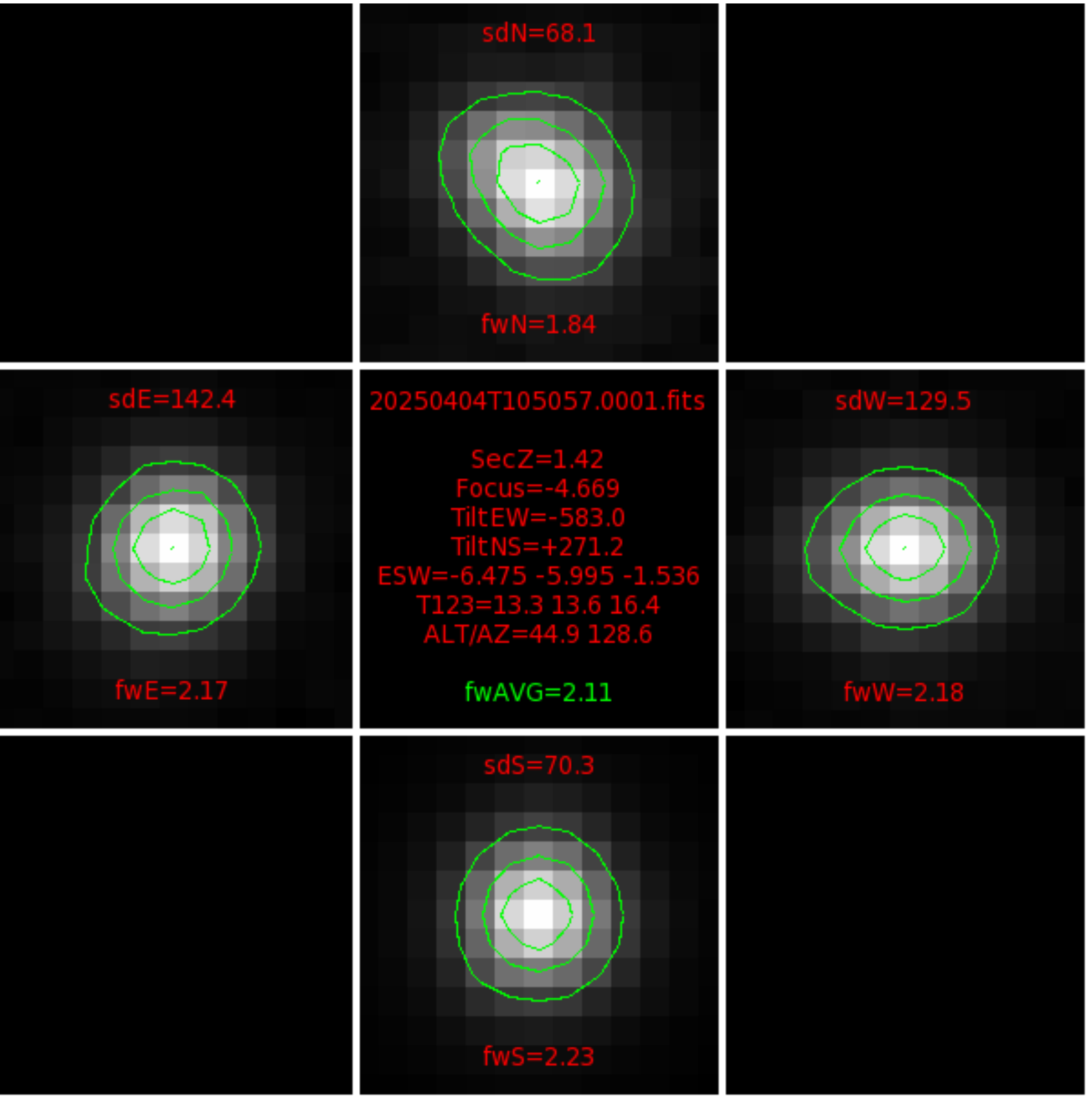
sdN=68.1
fwN=1.84
sdE=142.4
fwE=2.17
20250404T105057.0001.fits
SecZ=1.42
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=13.3 13.6 16.4
ALT/AZ=44.9 128.6
fwAVG=2.11
sdW=129.5
fwW=2.18
sdS=70.3
fwS=2.23
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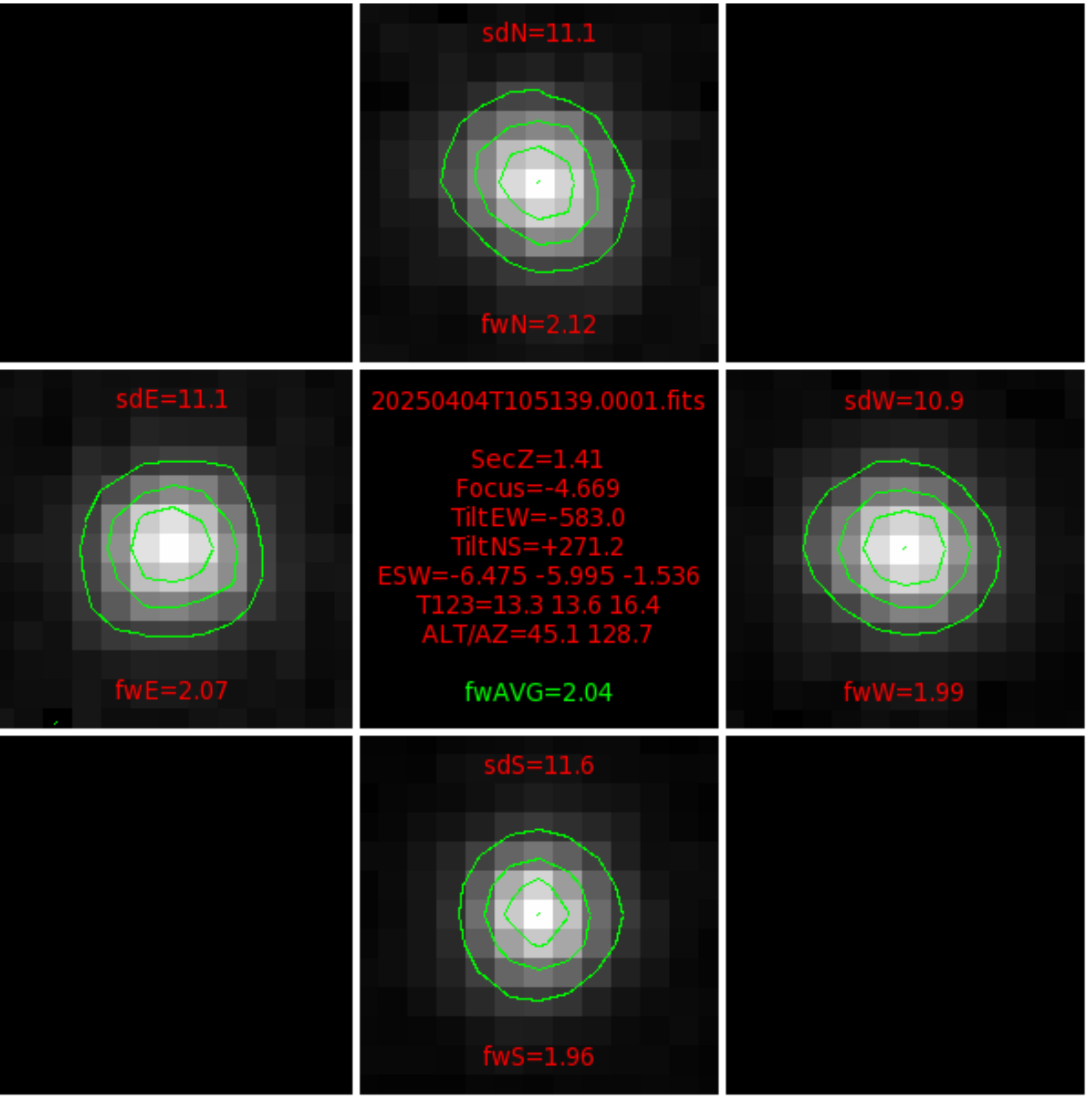
sdN=11.1
fwN=2.12
sdE=11.1
fwE=2.07
20250404T105139.0001.fits
SecZ=1.41
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=13.3 13.6 16.4
ALT/AZ=45.1 128.7
fwAVG=2.04
sdW=10.9
fwW=1.99
sdS=11.6
fwS=1.96
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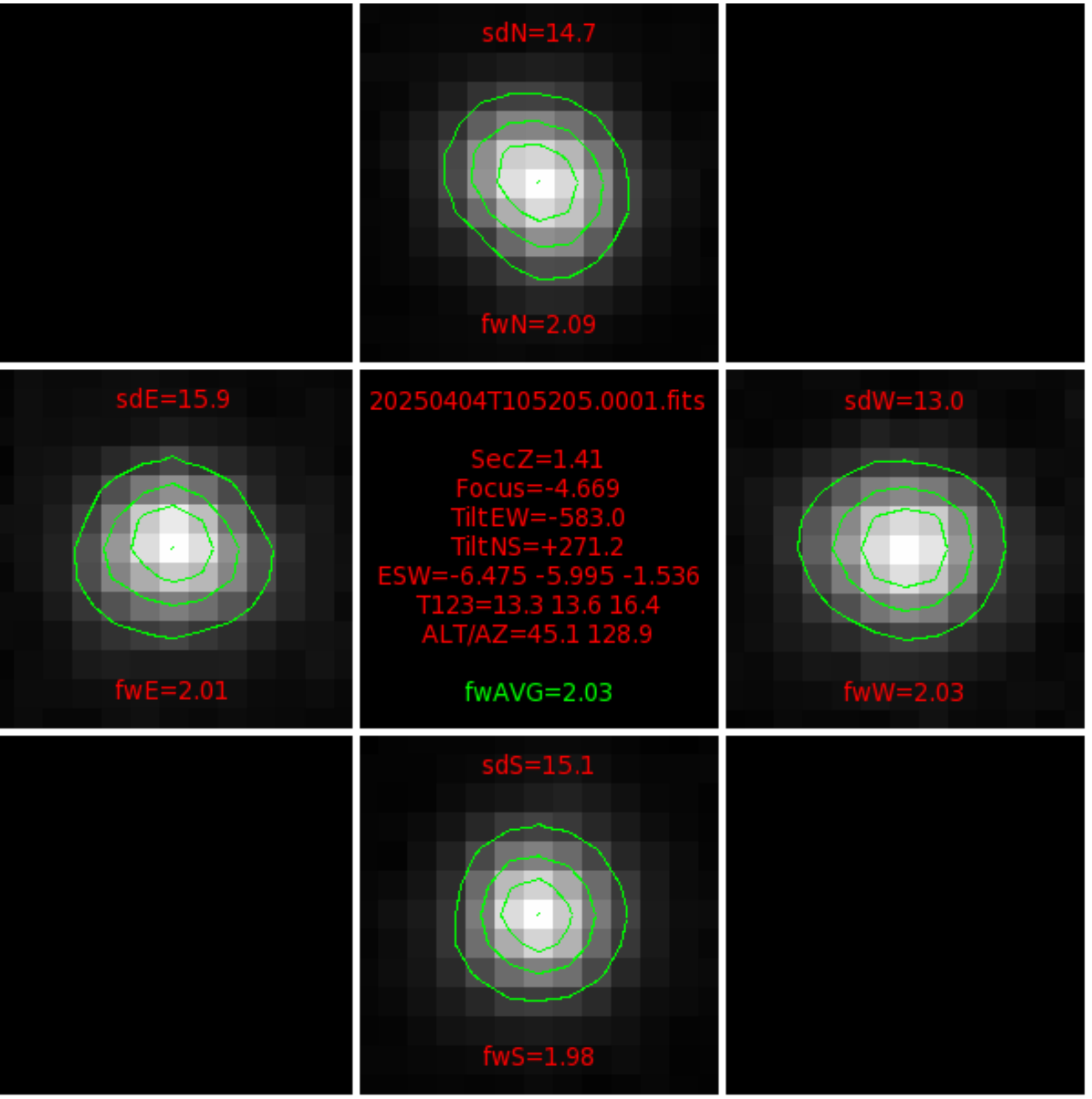
sdN=14.7
fwN=2.09
sdE=15.9
fwE=2.01
20250404T105205.0001.fits
SecZ=1.41
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=13.3 13.6 16.4
ALT/AZ=45.1 128.9
fwAVG=2.03
sdW=13.0
fwW=2.03
sdS=15.1
fwS=1.98
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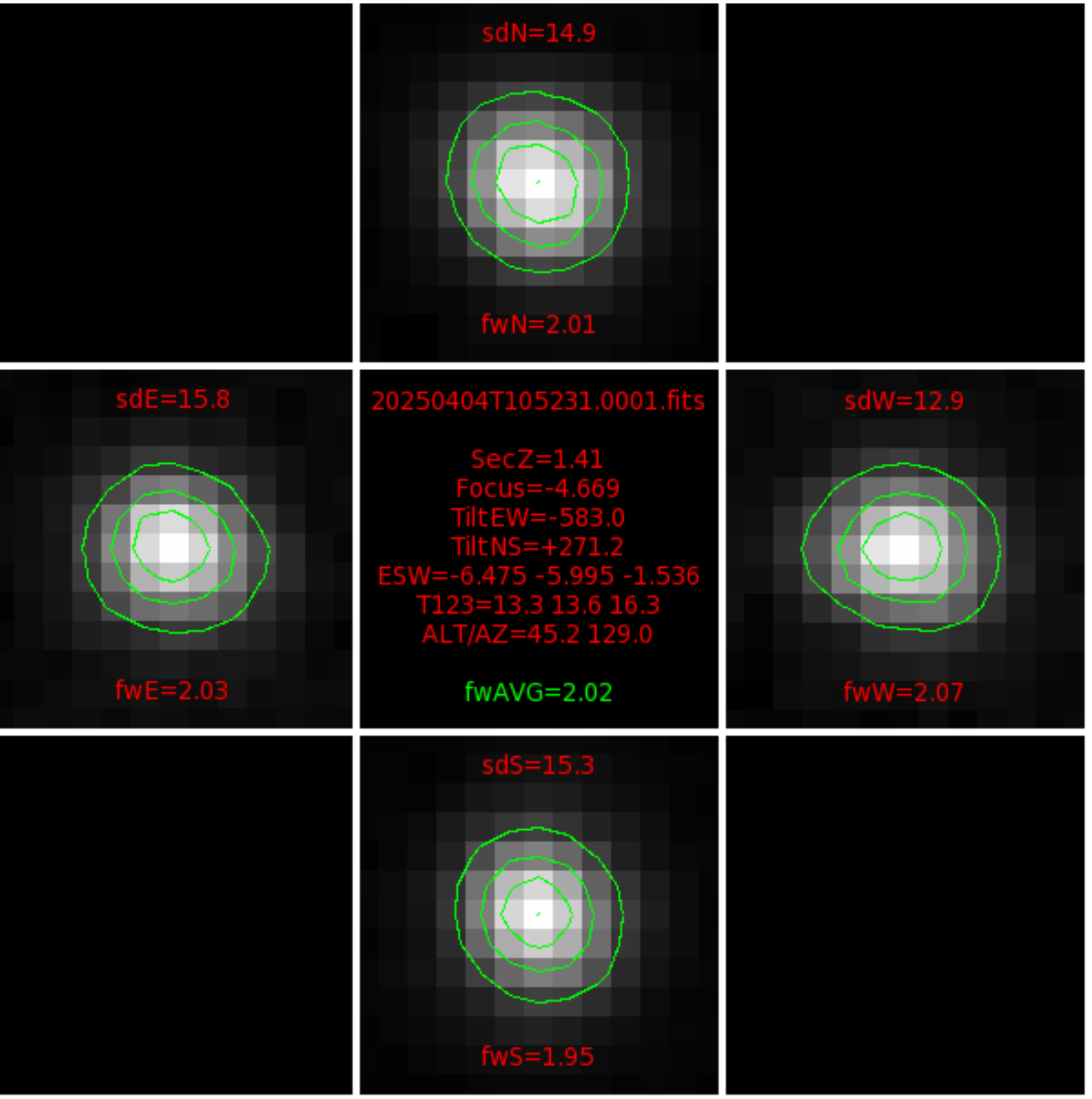
sdN=14.9
fwN=2.01
sdE=15.8
fwE=2.03
20250404T105231.0001.fits
SecZ=1.41
Focus=-4.669
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.475 -5.995 -1.536
T123=13.3 13.6 16.3
ALT/AZ=45.2 129.0
fwAVG=2.02
sdW=12.9
fwW=2.07
sdS=15.3
fwS=1.95
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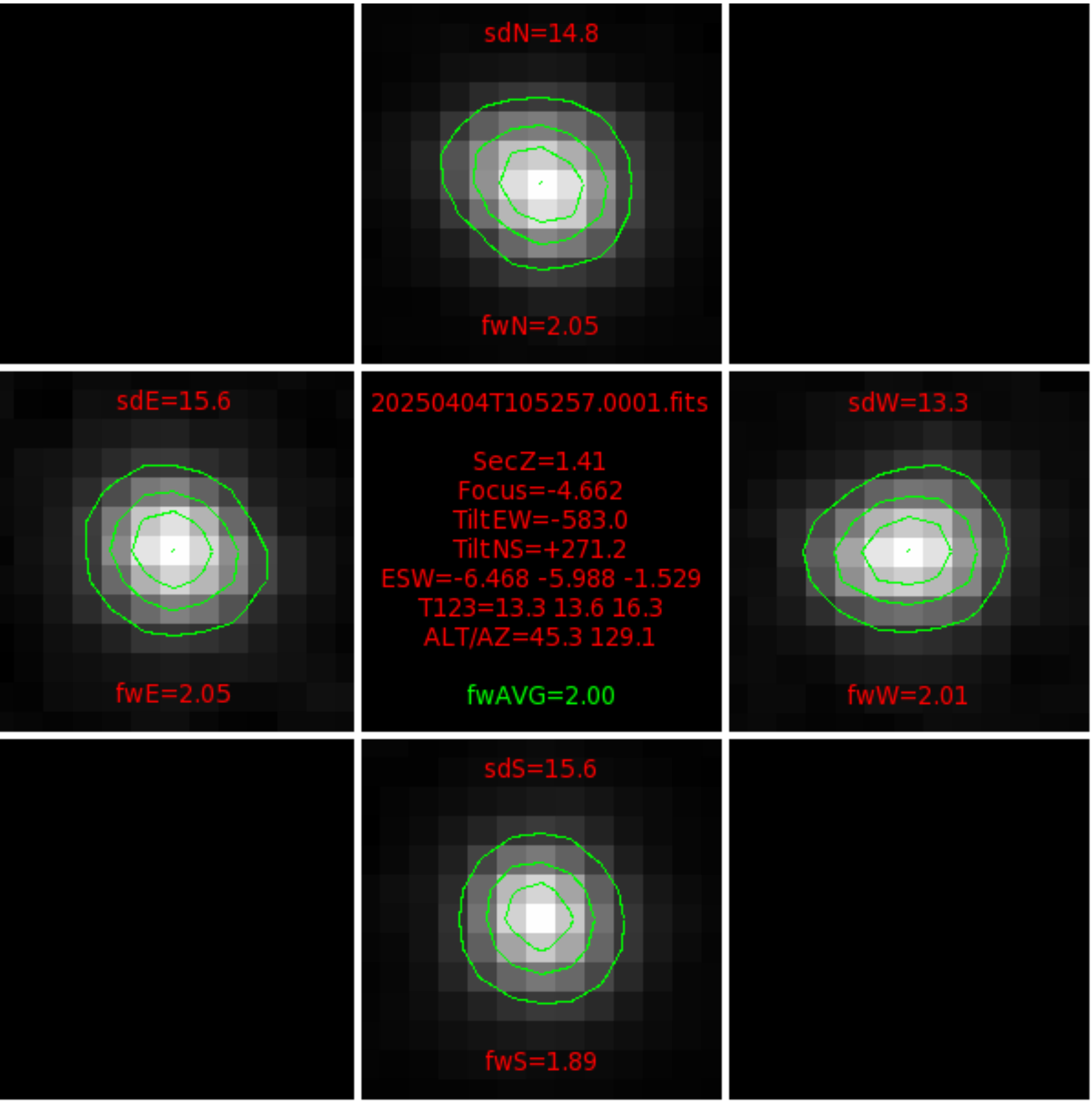
sdN=14.8
fwN=2.05
sdE=15.6
fwE=2.05
20250404T105257.0001.fits
SecZ=1.41
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.3 13.6 16.3
ALT/AZ=45.3 129.1
fwAVG=2.00
sdW=13.3
fwW=2.01
sdS=15.6
fwS=1.89
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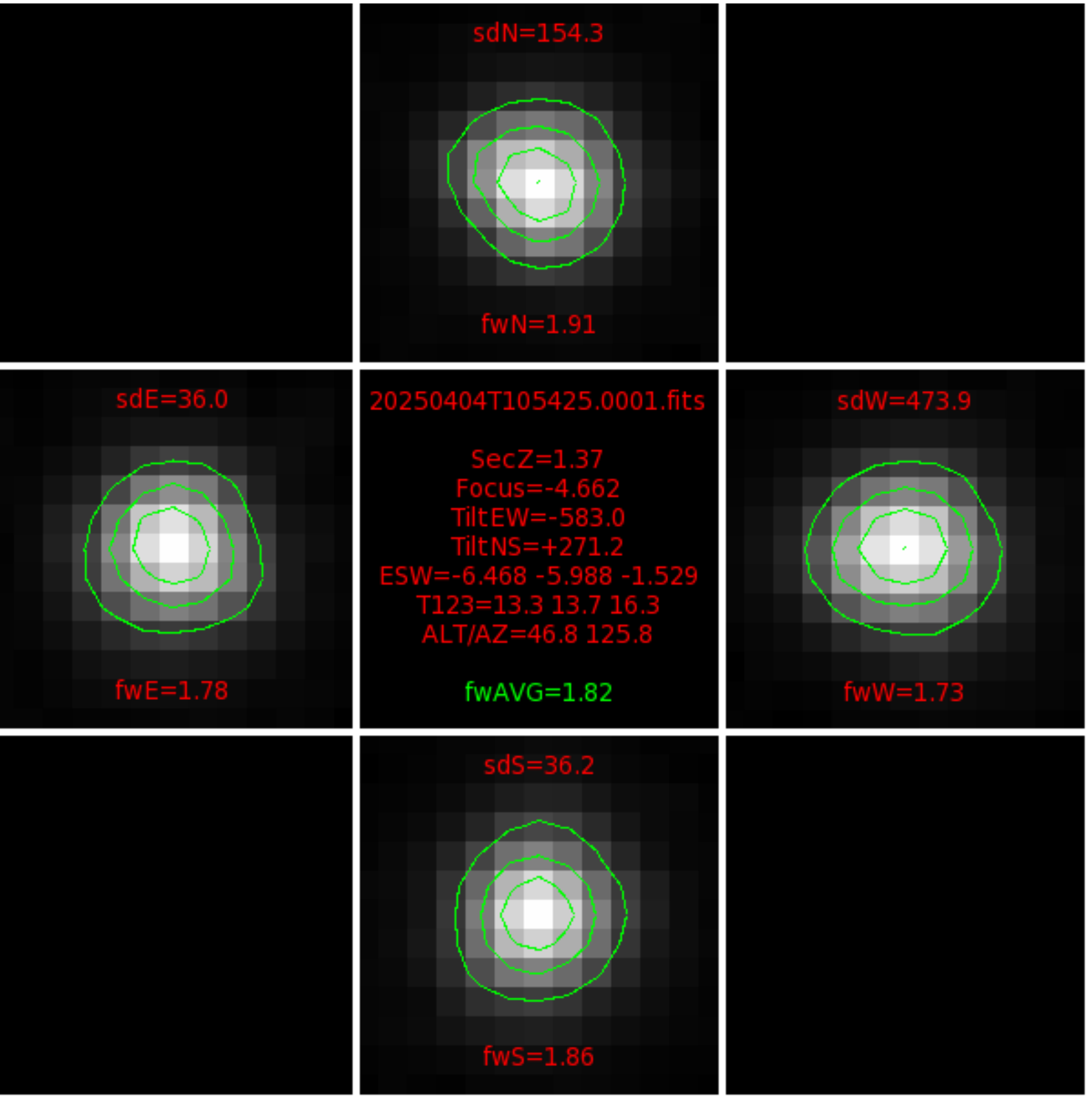
sdN=154.3
fwN=1.91
sdE=36.0
fwE=1.78
20250404T105425.0001.fits
SecZ=1.37
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.3 13.7 16.3
ALT/AZ=46.8 125.8
fwAVG=1.82
sdW=473.9
fwW=1.73
sdS=36.2
fwS=1.86
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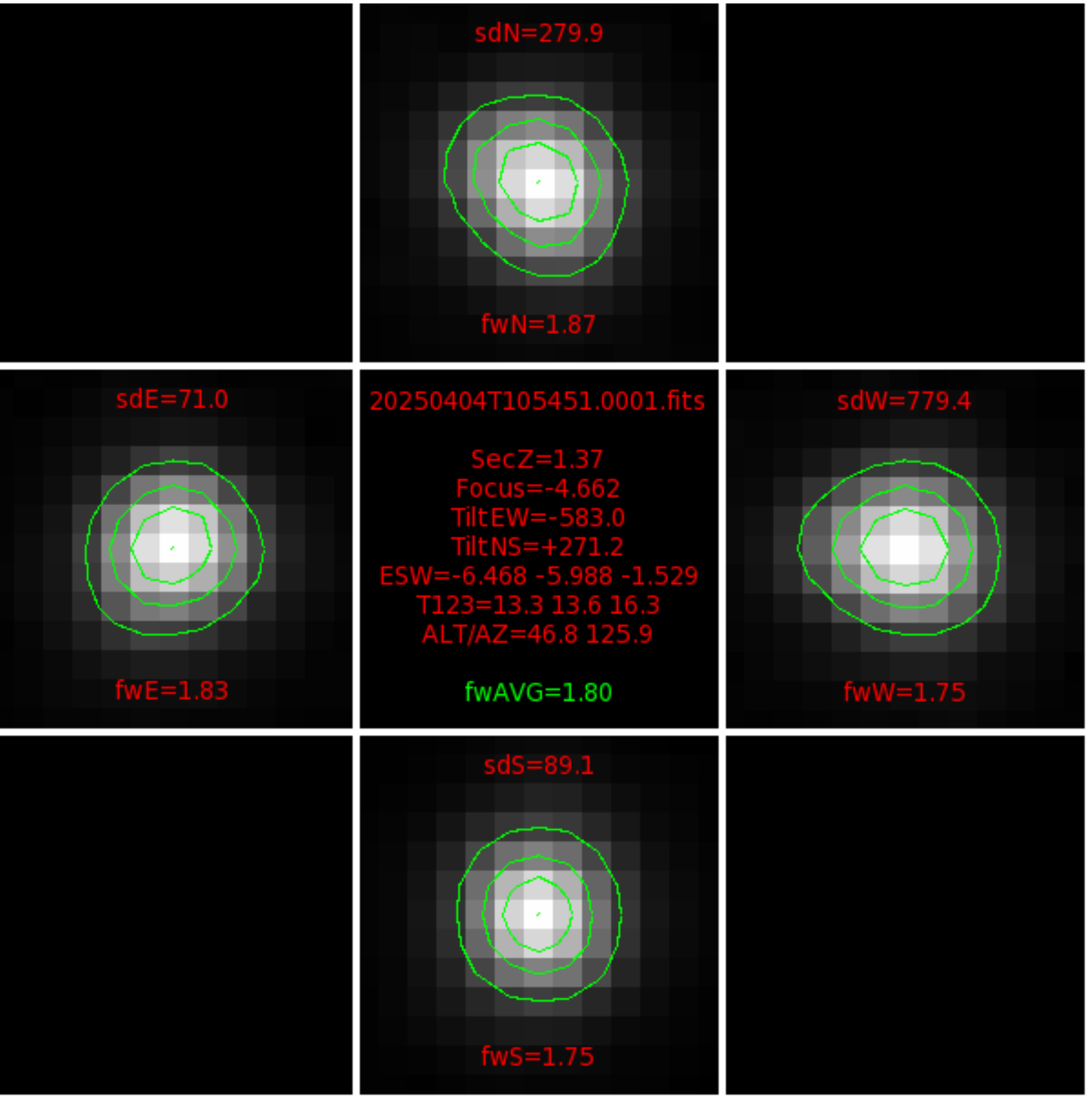
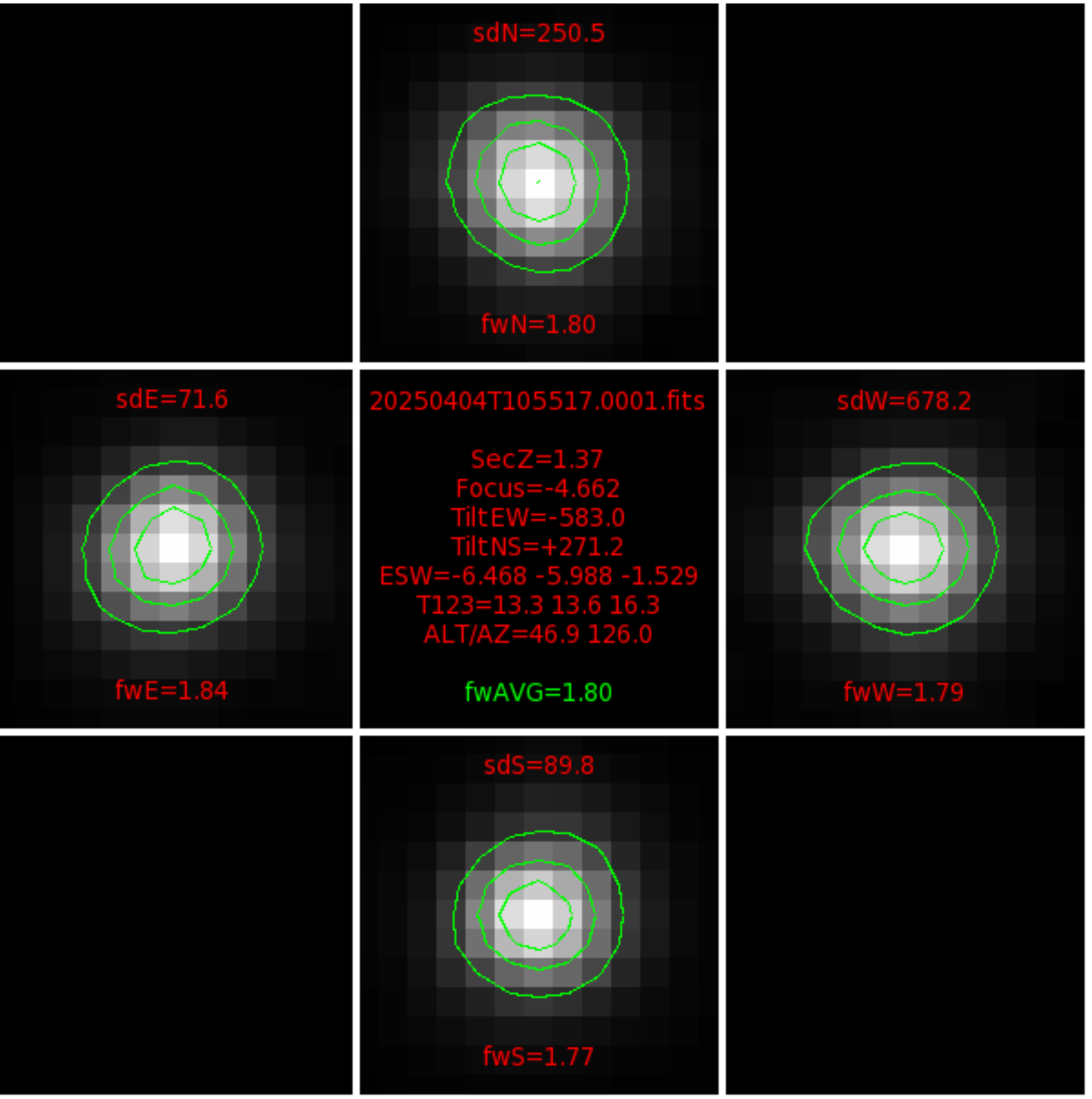

sdN=279.9
fwN=1.87
sdE=71.0
fwE=1.83
20250404T105451.0001.fits
SecZ=1.37
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.3 13.6 16.3
ALT/AZ=46.8 125.9
fwAVG=1.80
sdW=779.4
fwW=1.75
sdS=89.1
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=250.5
fwN=1.80
sdE=71.6
fwE=1.84
20250404T105517.0001.fits
SecZ=1.37
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.3 13.6 16.3
ALT/AZ=46.9 126.0
fwAVG=1.80
sdW=678.2
fwW=1.79
sdS=89.8
fwS=1.77
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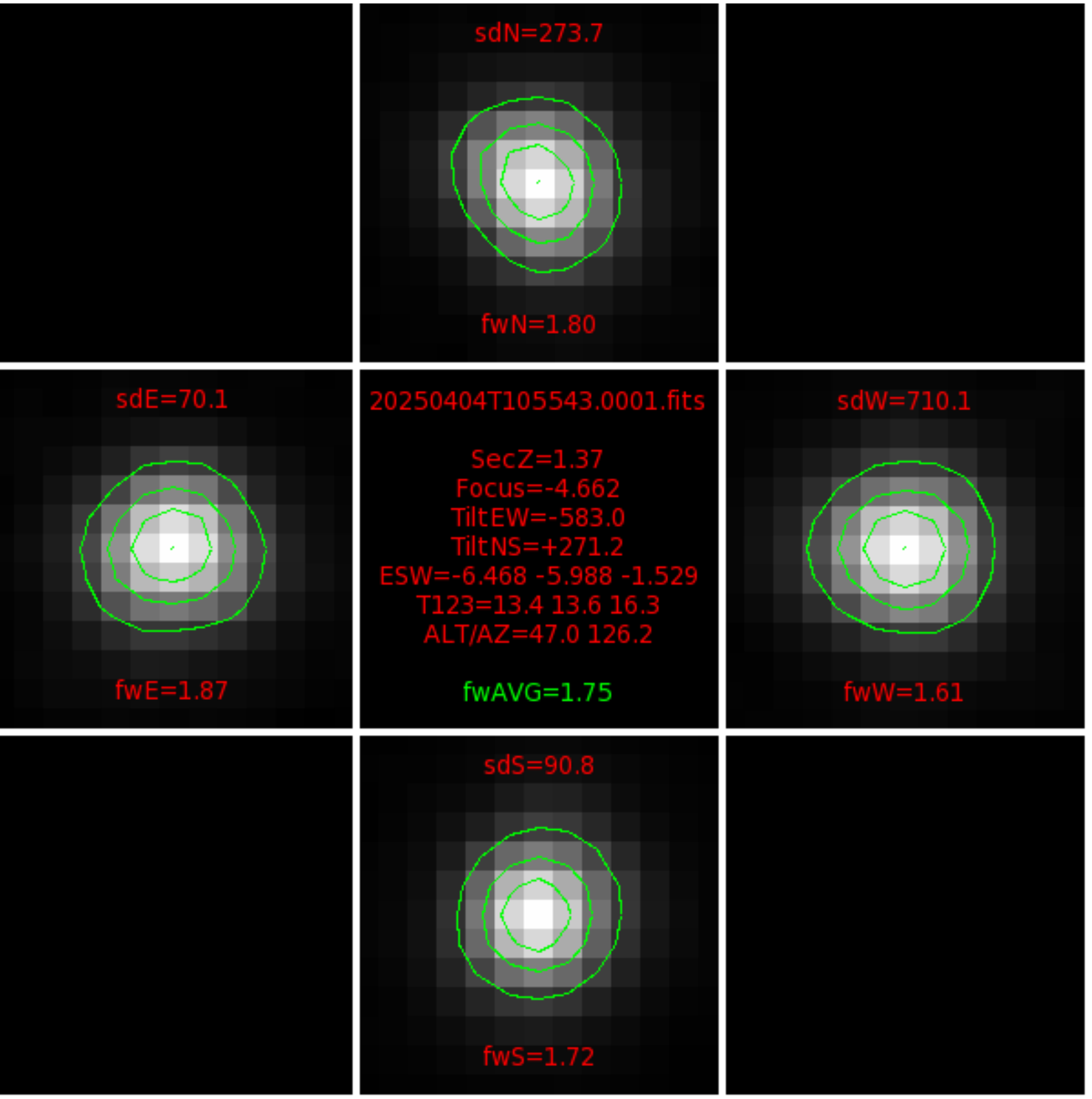
sdN=273.7
fwN=1.80
sdE=70.1
fwE=1.87
20250404T105543.0001.fits
SecZ=1.37
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.4 13.6 16.3
ALT/AZ=47.0 126.2
fwAVG=1.75
sdW=710.1
fwW=1.61
sdS=90.8
fwS=1.72
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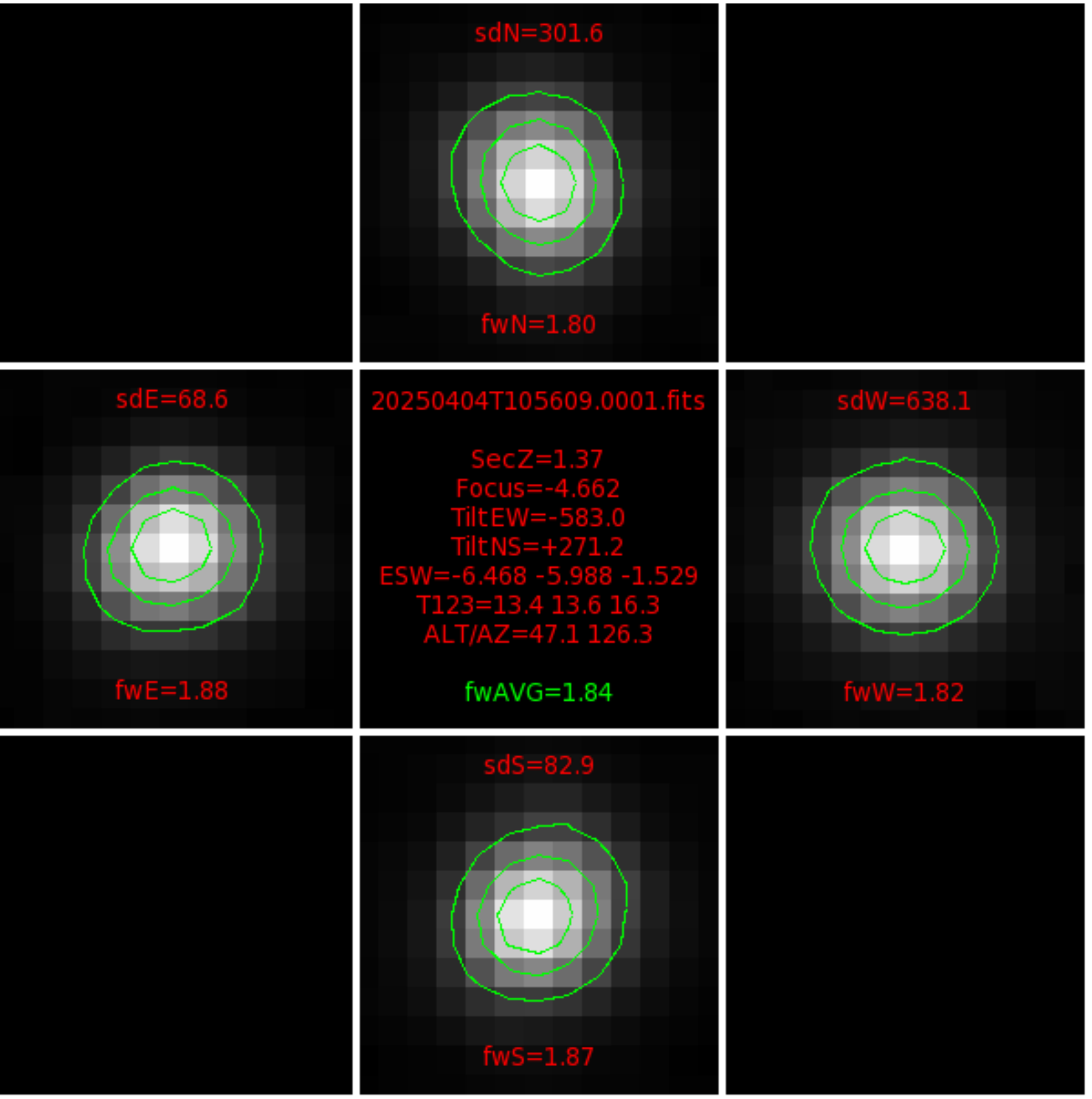
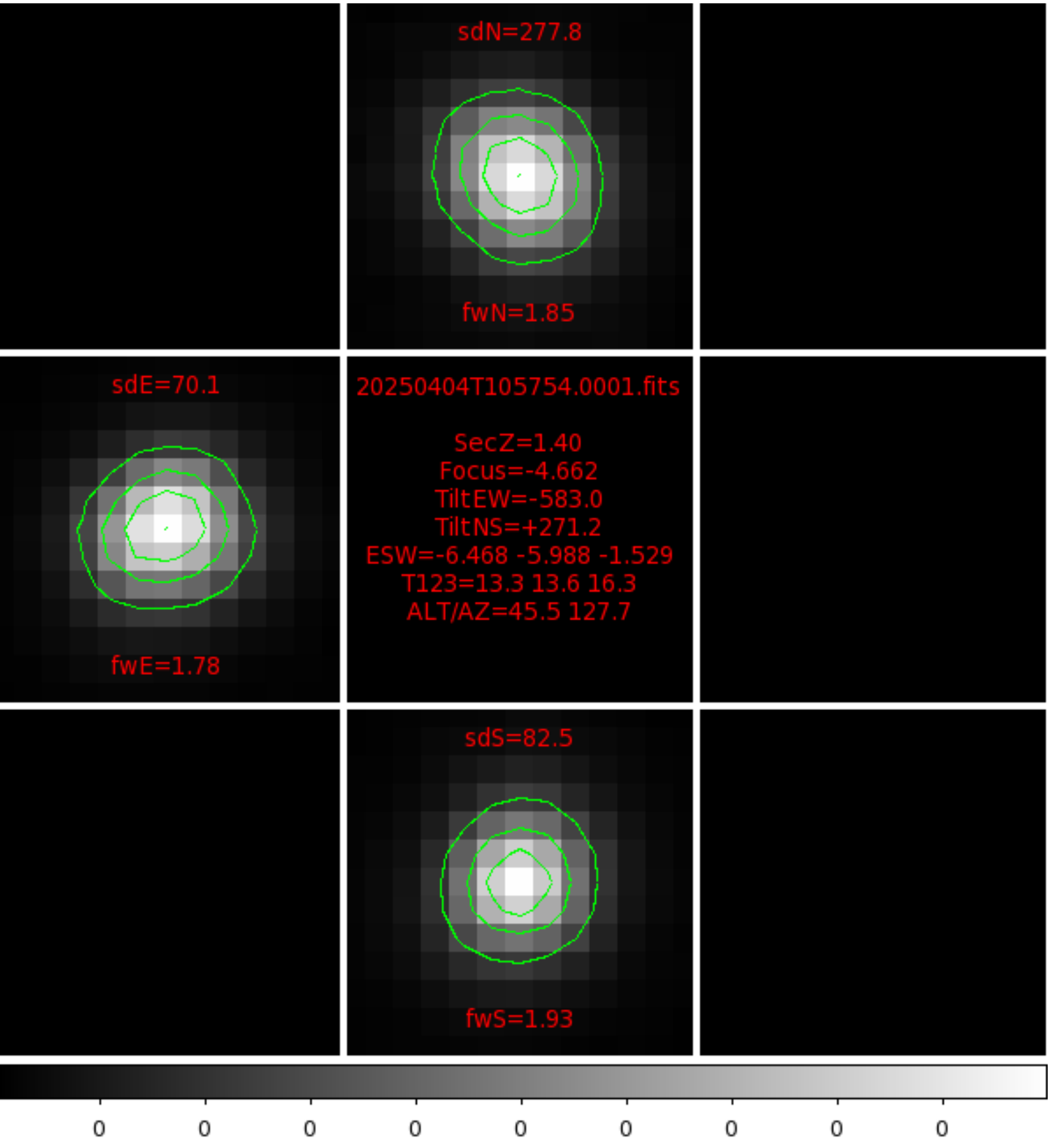
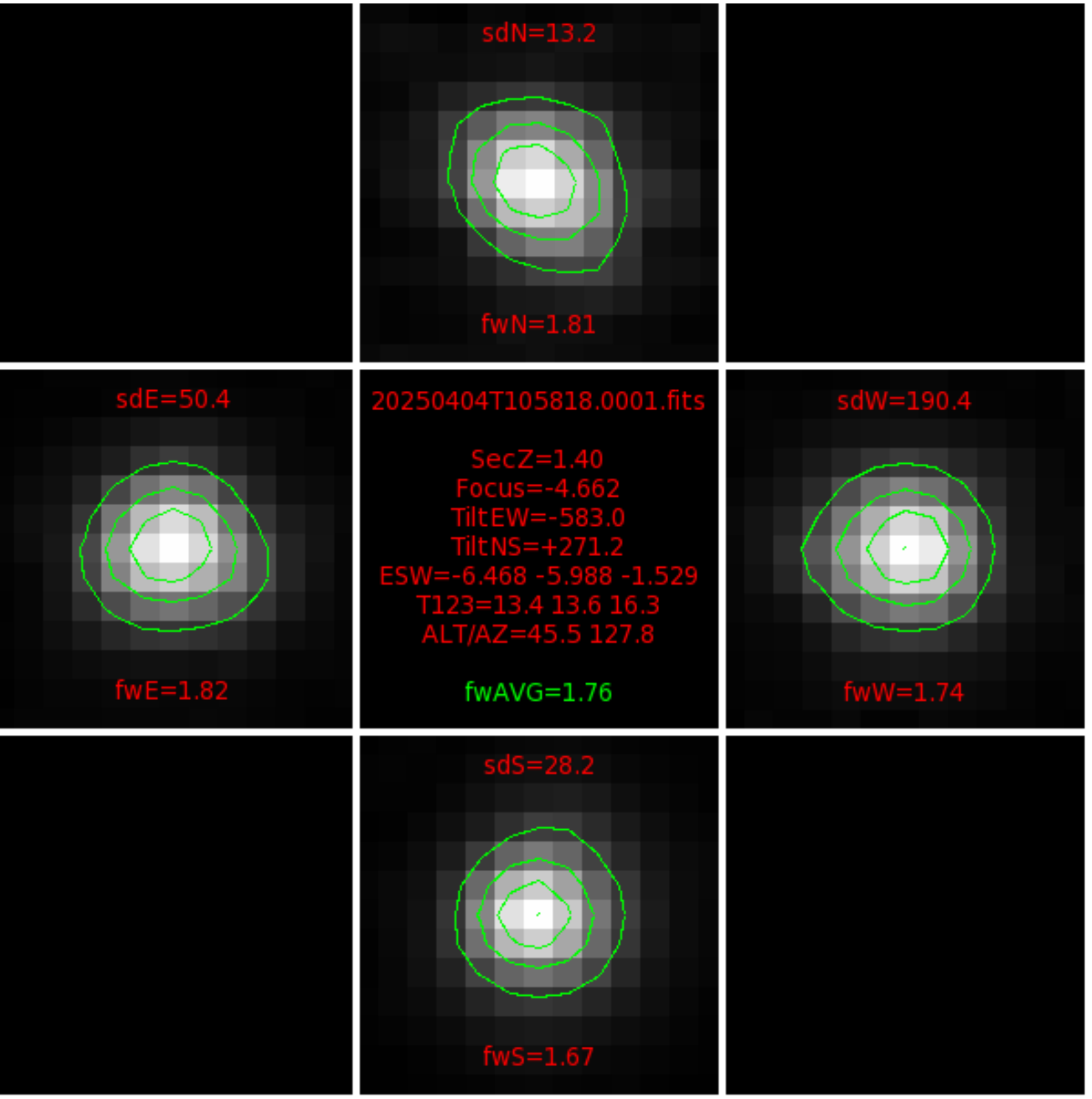

sdN=301.6
fwN=1.80
sdE=68.6
fwE=1.88
20250404T105609.0001.fits
SecZ=1.37
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.4 13.6 16.3
ALT/AZ=47.1 126.3
fwAVG=1.84
sdW=638.1
fwW=1.82
sdS=82.9
fwS=1.87
0 0 0 0 0 0 0 0 0


sdN=277.8
fwN=1.85
sdE=70.1
fwE=1.78
20250404T105754.0001.fits
SecZ=1.40
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.3 13.6 16.3
ALT/AZ=45.5 127.7
sdS=82.5
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=13.2
fwN=1.81
sdE=50.4
fwE=1.82
20250404T105818.0001.fits
SecZ=1.40
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.4 13.6 16.3
ALT/AZ=45.5 127.8
fwAVG=1.76
sdW=190.4
fwW=1.74
sdS=28.2
fwS=1.67
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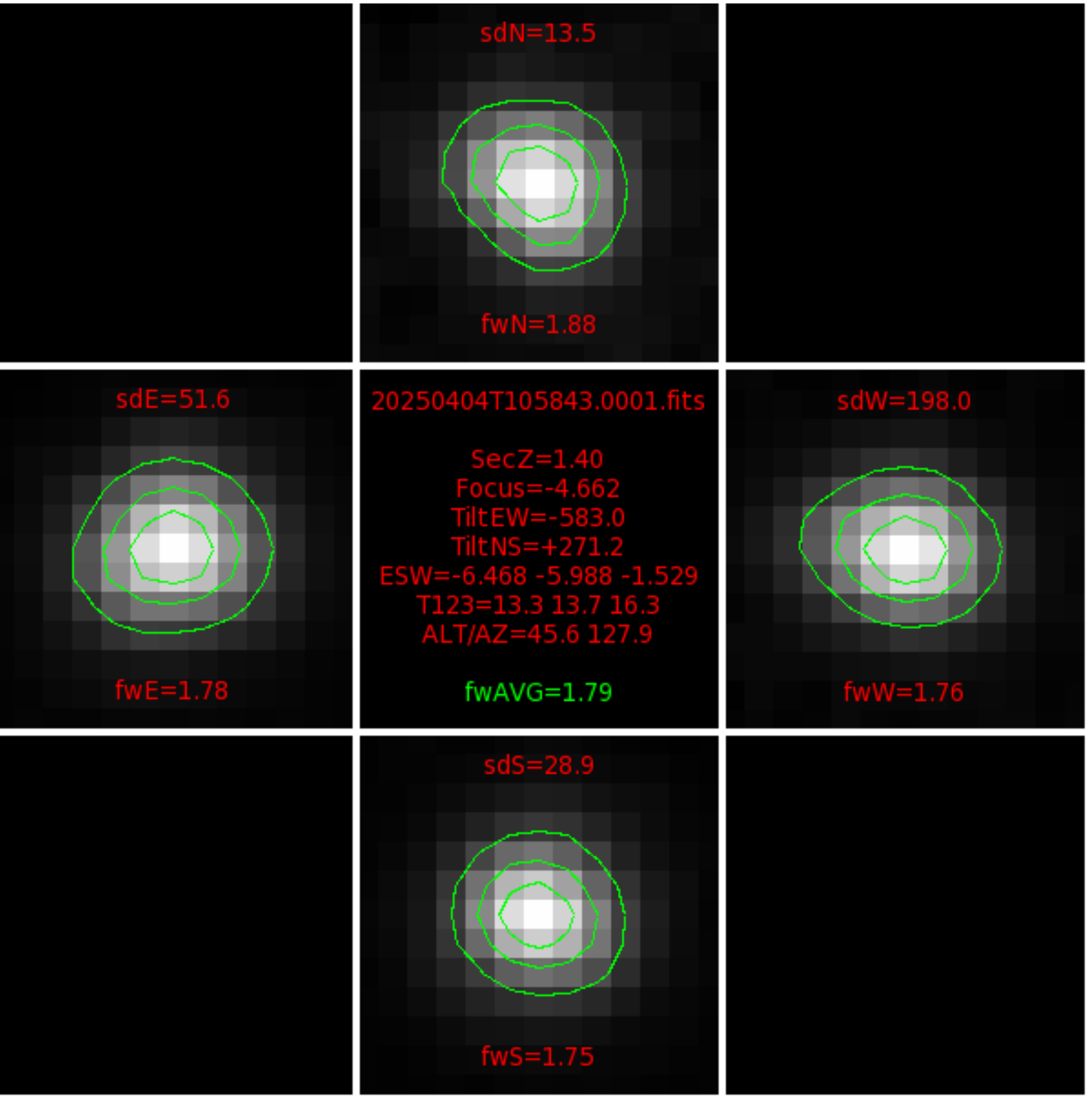
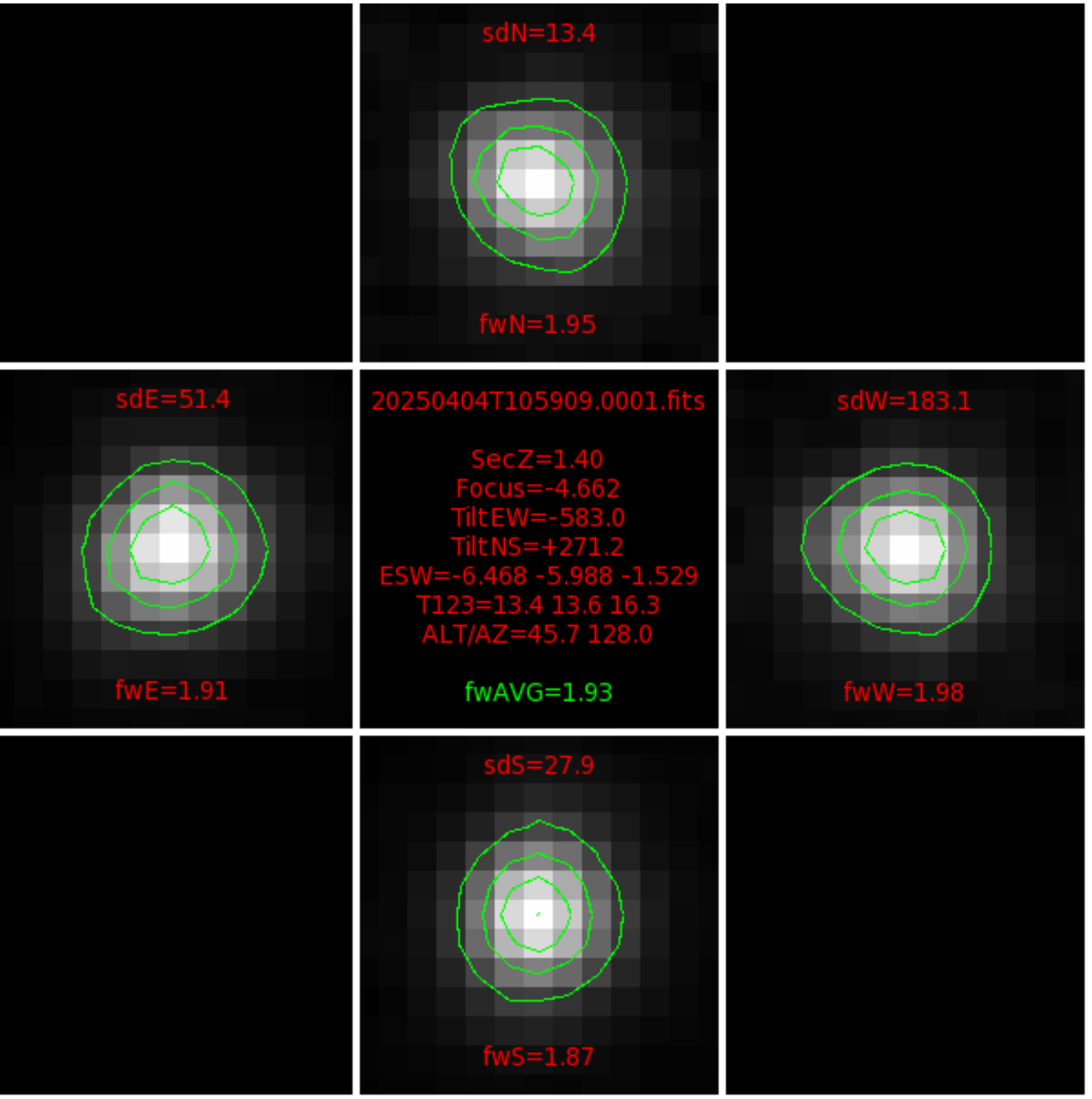

sdN=13.5
fwN=1.88
sdE=51.6
fwE=1.78
20250404T105843.0001.fits
SecZ=1.40
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.3 13.7 16.3
ALT/AZ=45.6 127.9
fwAVG=1.79
sdW=198.0
fwW=1.76
sdS=28.9
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=13.4
fwN=1.95
sdE=51.4
fwE=1.91
20250404T105909.0001.fits
SecZ=1.40
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.4 13.6 16.3
ALT/AZ=45.7 128.0
fwAVG=1.93
sdW=183.1
fwW=1.98
sdS=27.9
fwS=1.87
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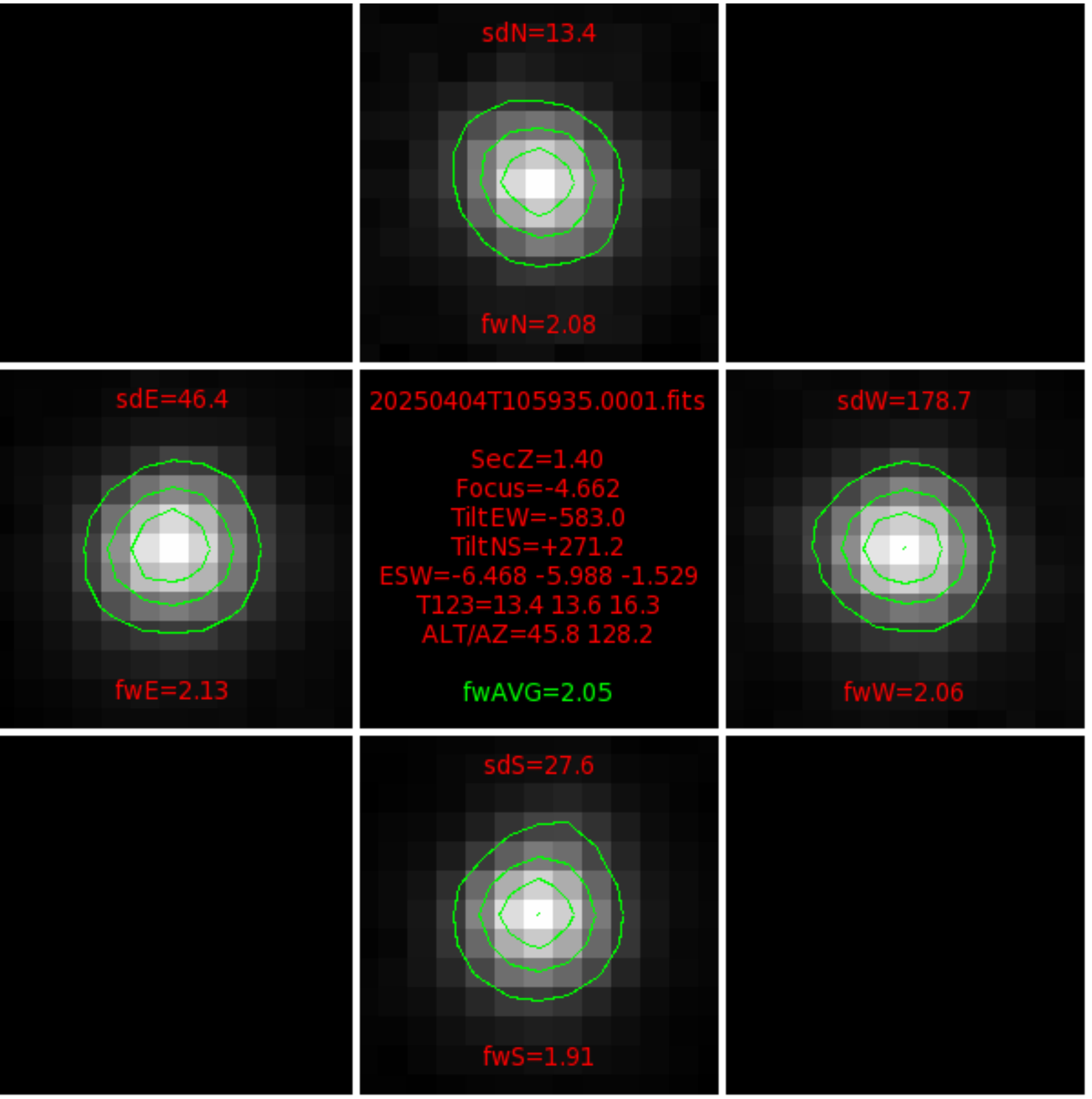
sdN=13.4
fwN=2.08
sdE=46.4
fwE=2.13
20250404T105935.0001.fits
SecZ=1.40
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.4 13.6 16.3
ALT/AZ=45.8 128.2
fwAVG=2.05
sdW=178.7
fwW=2.06
sdS=27.6
fwS=1.91
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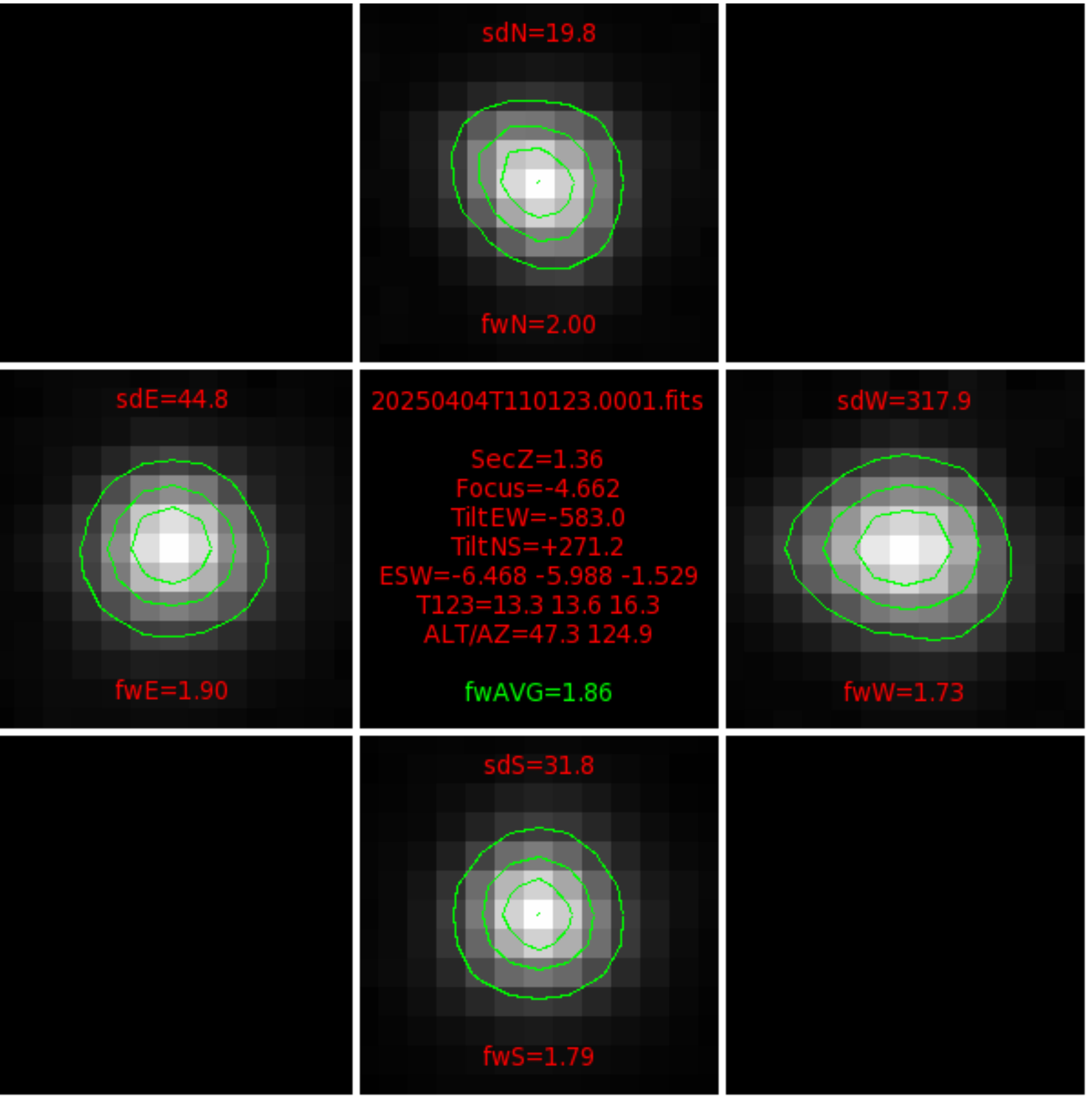
sdN=19.8
fwN=2.00
sdE=44.8
fwE=1.90
20250404T110123.0001.fits
SecZ=1.36
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.3 13.6 16.3
ALT/AZ=47.3 124.9
fwAVG=1.86
sdW=317.9
fwW=1.73
sdS=31.8
fwS=1.79
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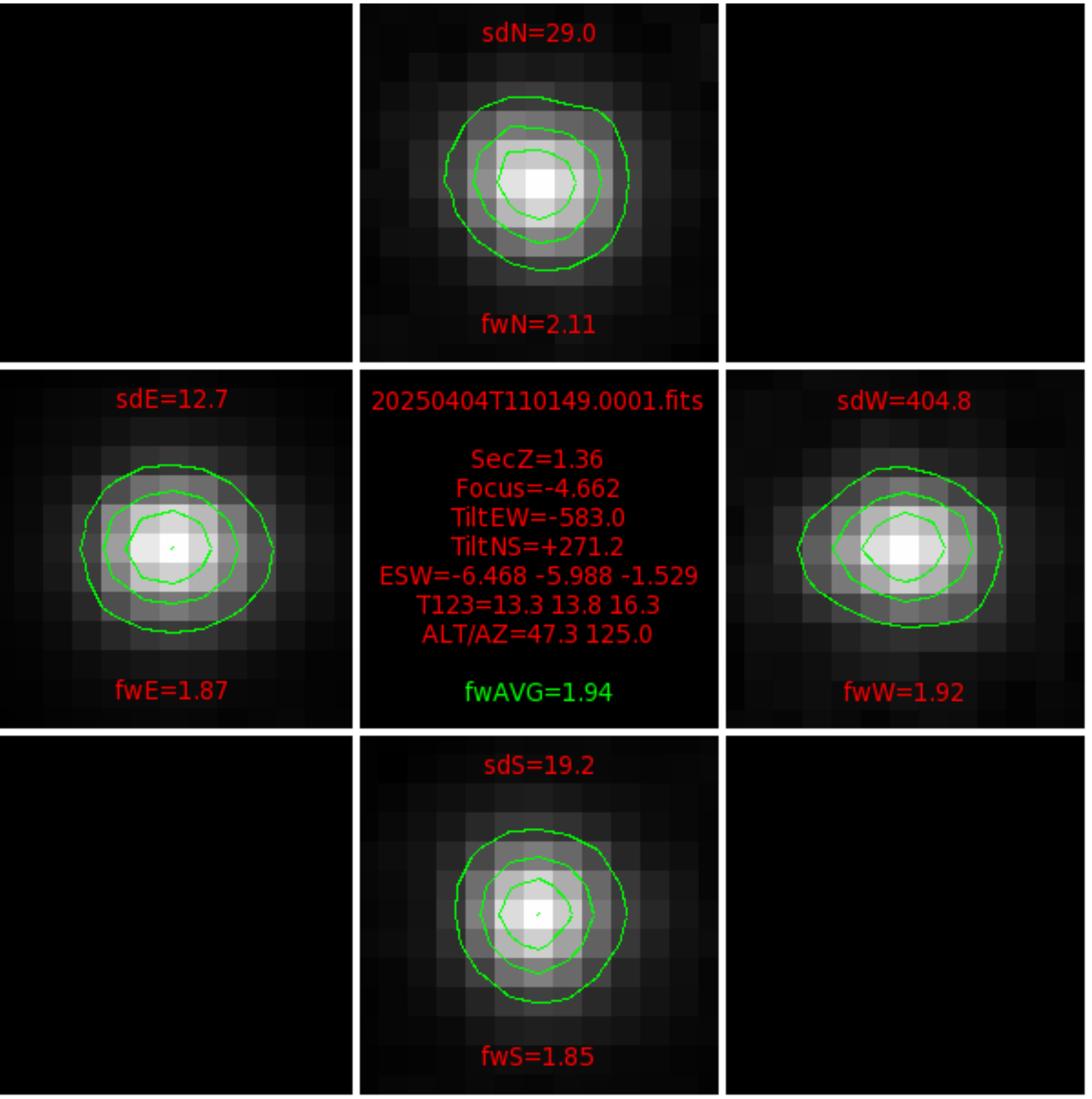
sdN=29.0
fwN=2.11
sdE=12.7
fwE=1.87
20250404T110149.0001.fits
SecZ=1.36
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.3 13.8 16.3
ALT/AZ=47.3 125.0
fwAVG=1.94
sdW=404.8
fwW=1.92
sdS=19.2
fwS=1.85
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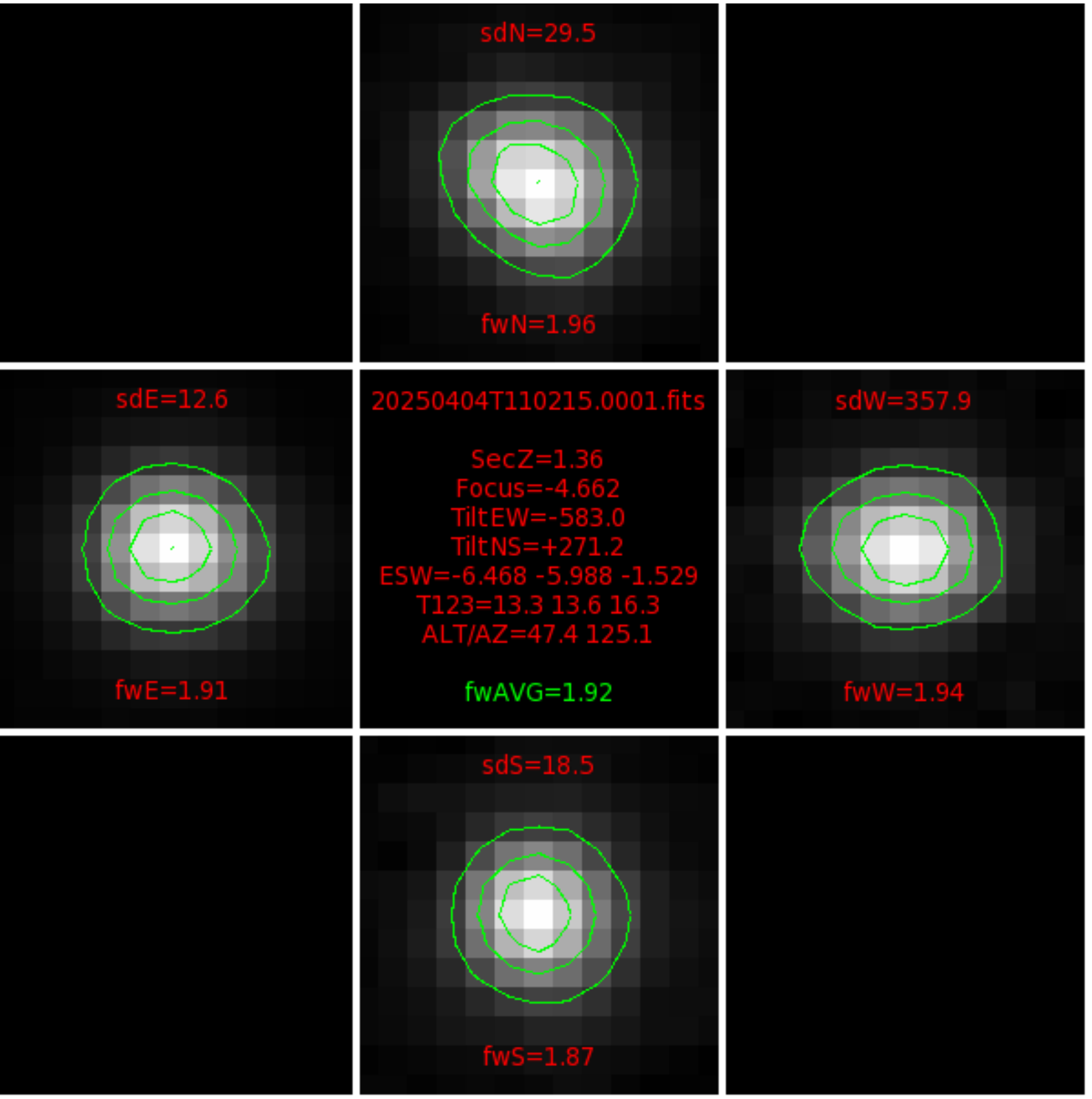
sdN=29.5
fwN=1.96
sdE=12.6
fwE=1.91
20250404T110215.0001.fits
SecZ=1.36
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.3 13.6 16.3
ALT/AZ=47.4 125.1
fwAVG=1.92
sdW=357.9
fwW=1.94
sdS=18.5
fwS=1.87
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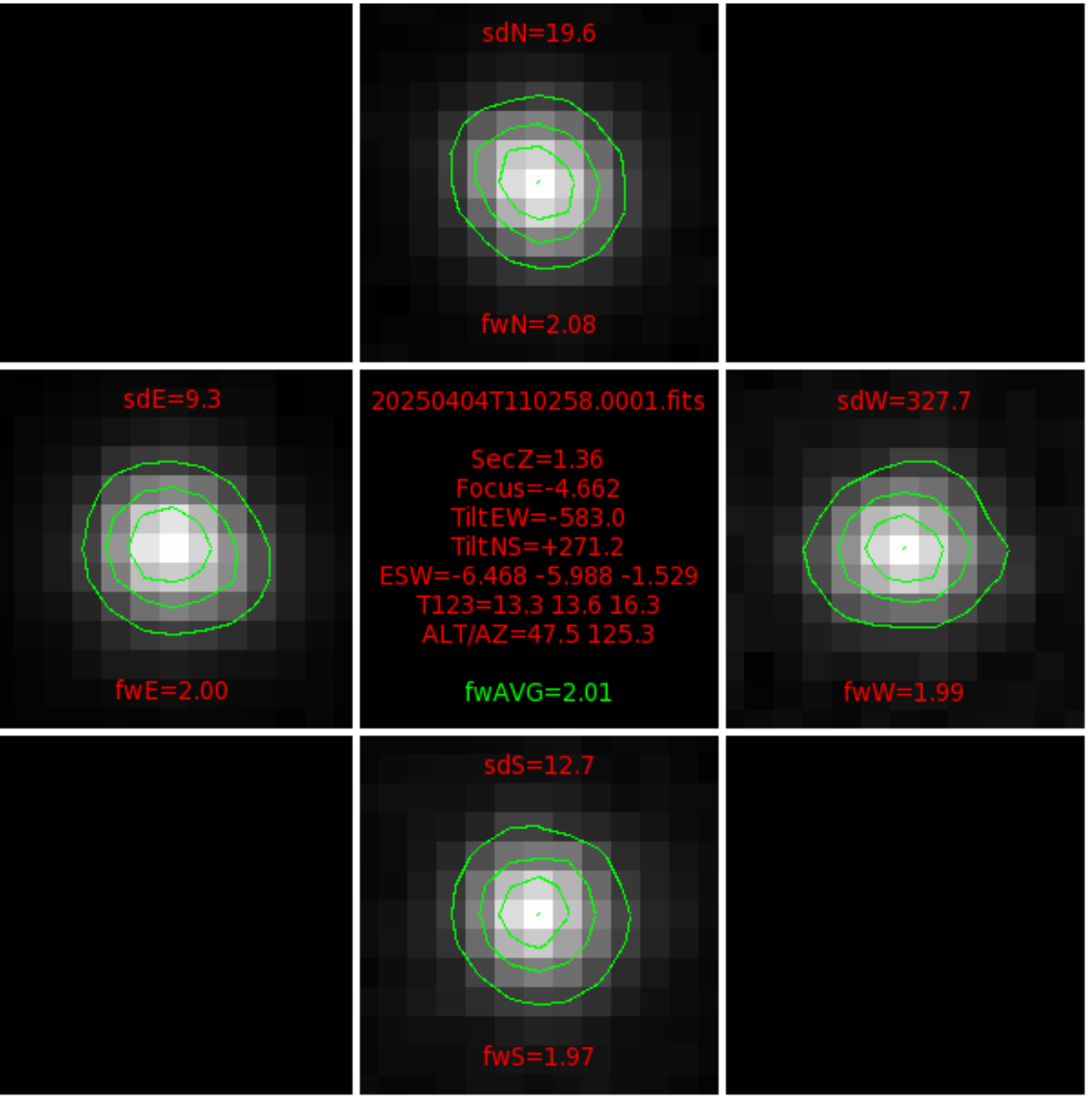
sdN=19.6
fwN=2.08
sdE=9.3
fwE=2.00
20250404T110258.0001.fits
SecZ=1.36
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.3 13.6 16.3
ALT/AZ=47.5 125.3
fwAVG=2.01
sdW=327.7
fwW=1.99
sdS=12.7
fwS=1.97
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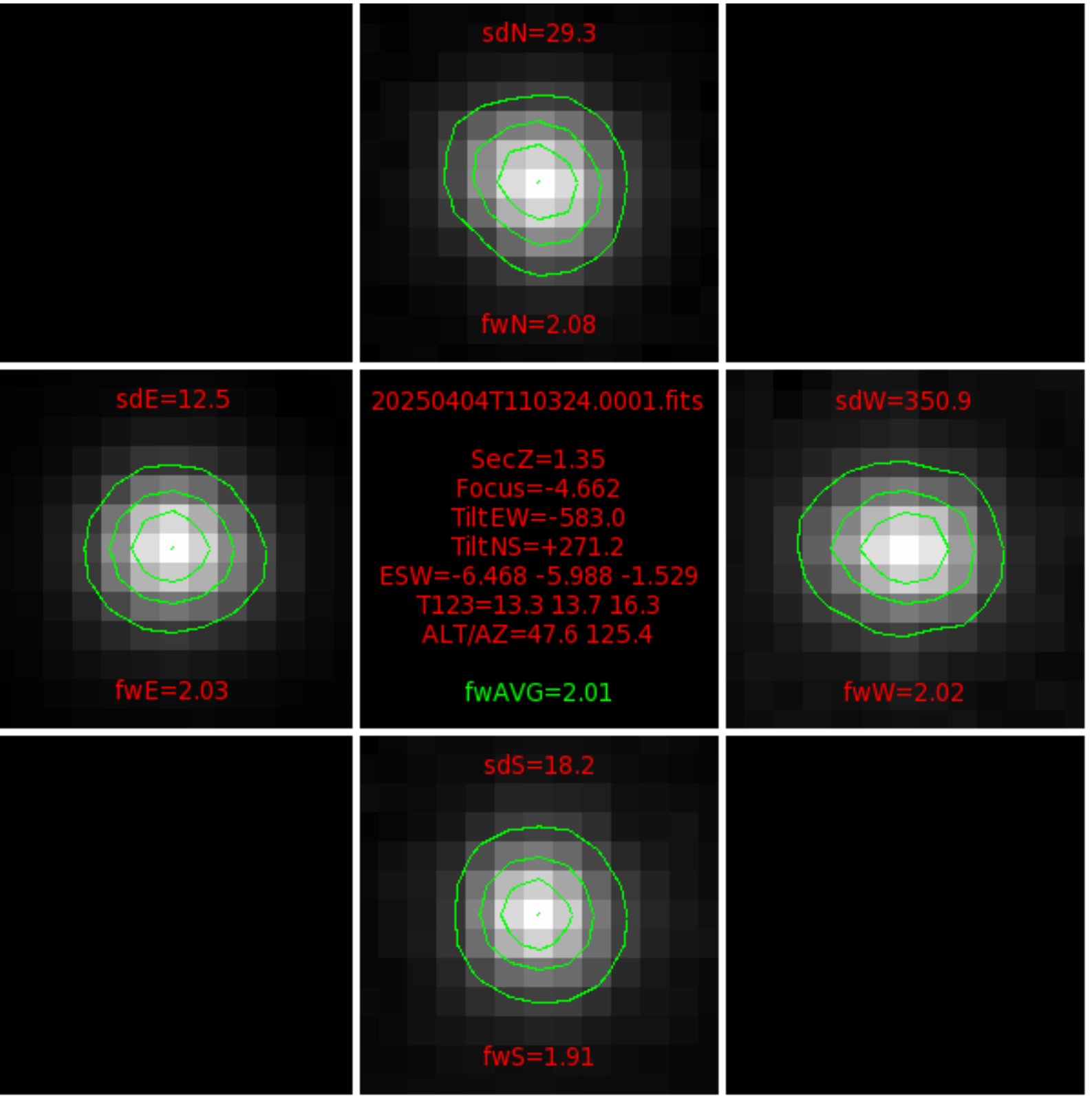
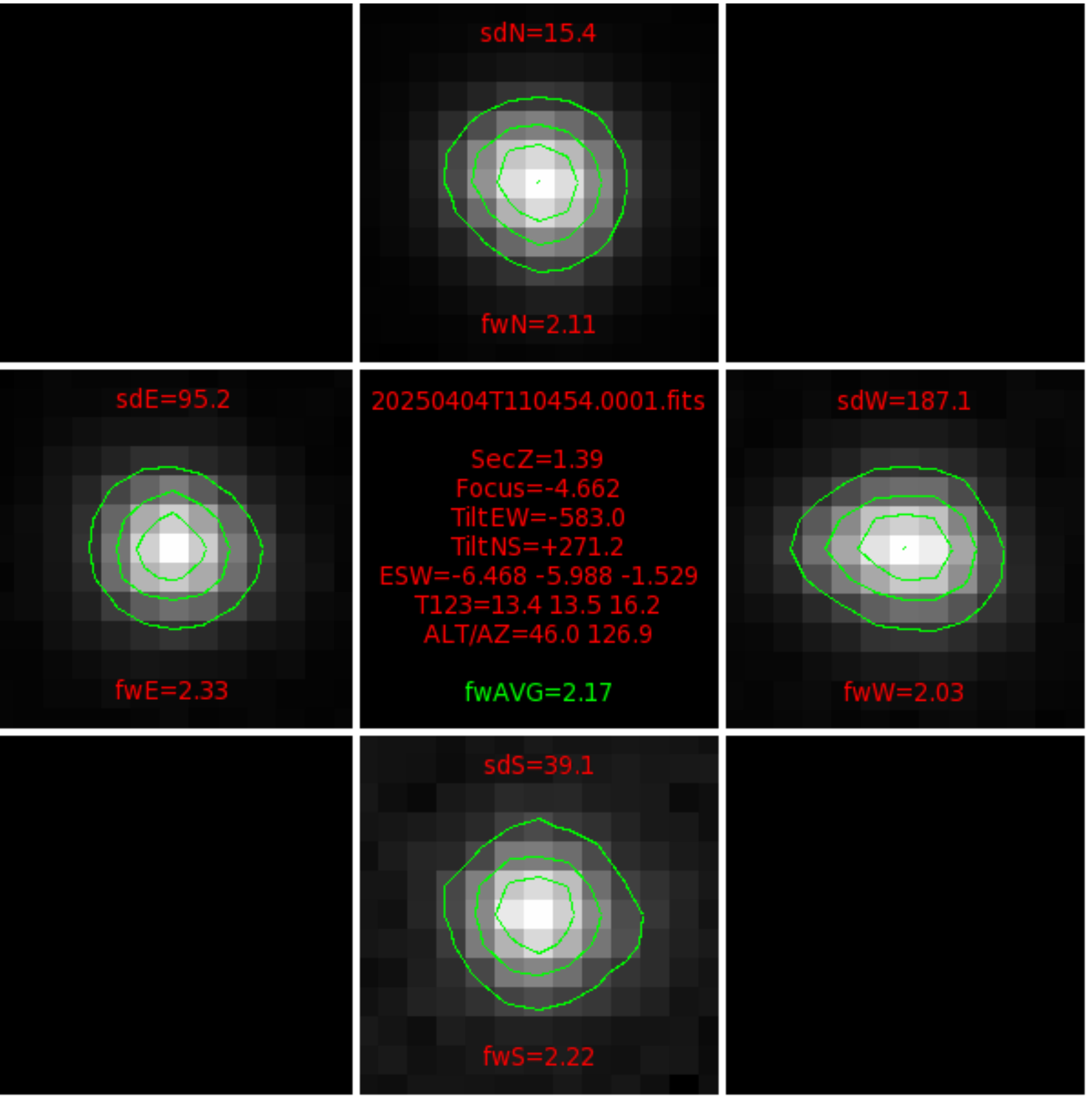
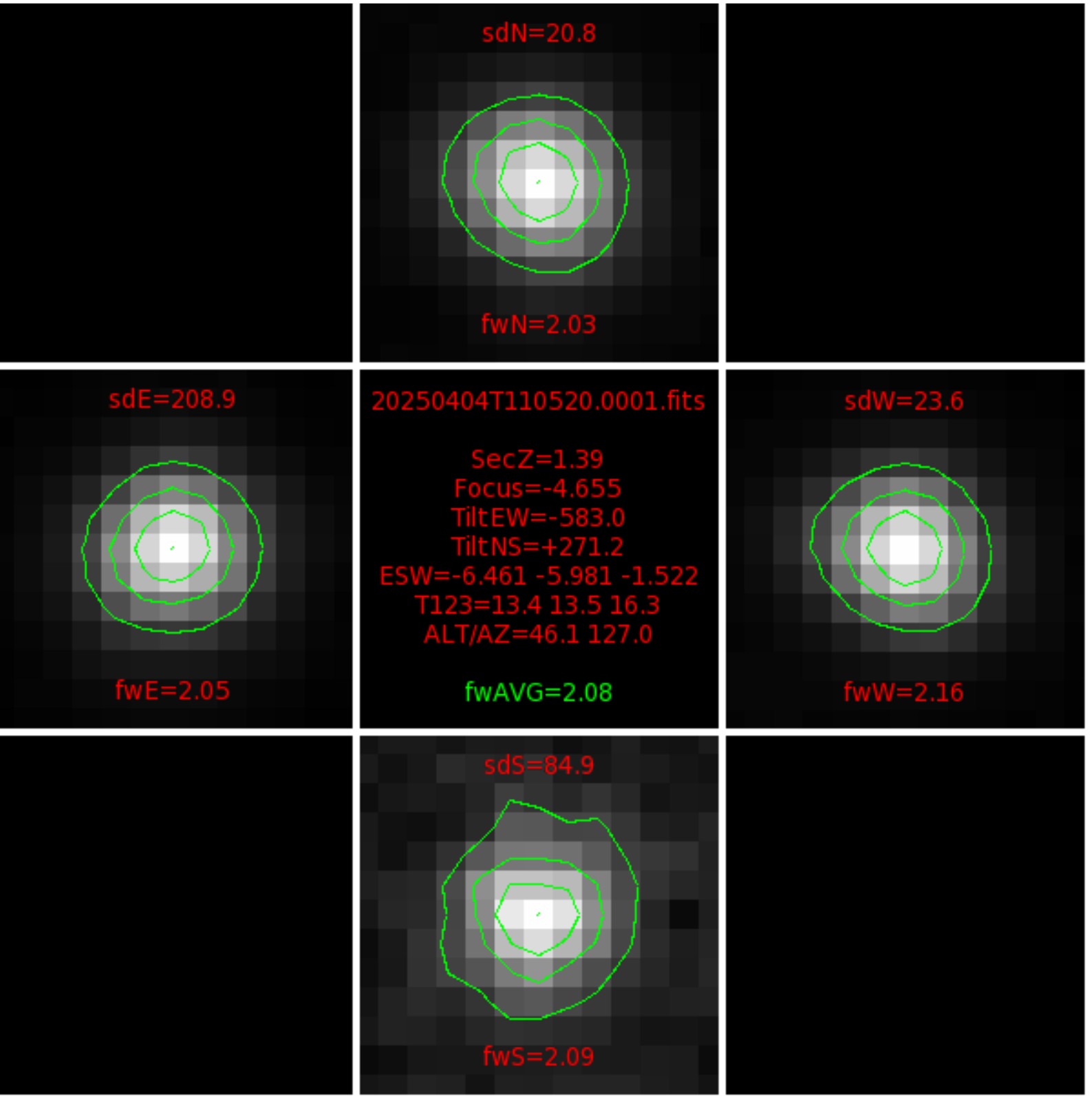

sdN=29.3
fwN=2.08
sdE=12.5
fwE=2.03
20250404T110324.0001.fits
SecZ=1.35
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.3 13.7 16.3
ALT/AZ=47.6 125.4
fwAVG=2.01
sdW=350.9
fwW=2.02
sdS=18.2
fwS=1.91
0 0 0 0 0 0 0 0 0


sdN=15.4
fwN=2.11
sdE=95.2
fwE=2.33
20250404T110454.0001.fits
SecZ=1.39
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.4 13.5 16.2
ALT/AZ=46.0 126.9
fwAVG=2.17
sdW=187.1
fwW=2.03
sdS=39.1
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=20.8
fwN=2.03
sdE=208.9
fwE=2.05
20250404T110520.0001.fits
SecZ=1.39
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=13.4 13.5 16.3
ALT/AZ=46.1 127.0
fwAVG=2.08
sdW=23.6
fwW=2.16
sdS=84.9
fwS=2.09
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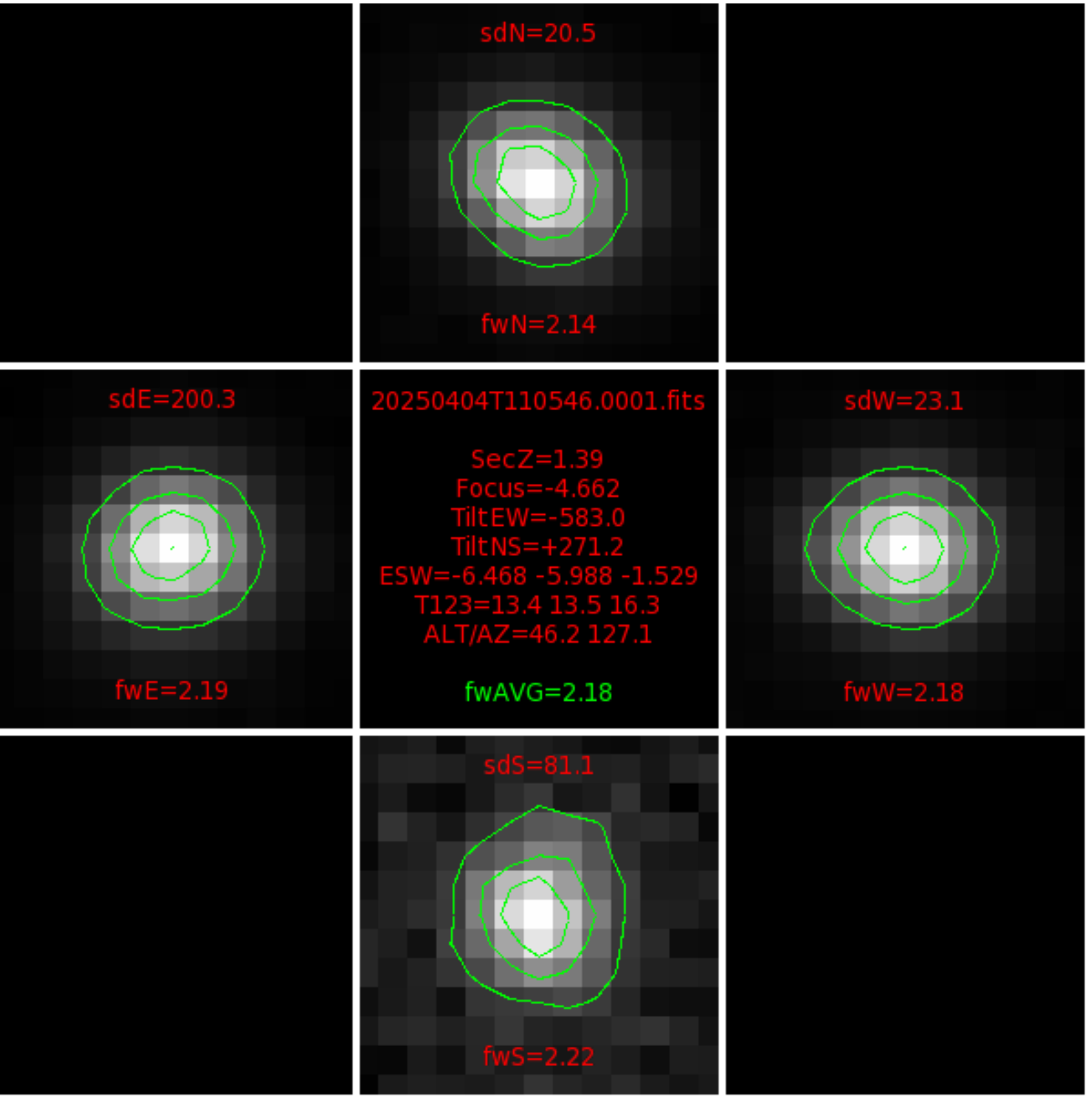
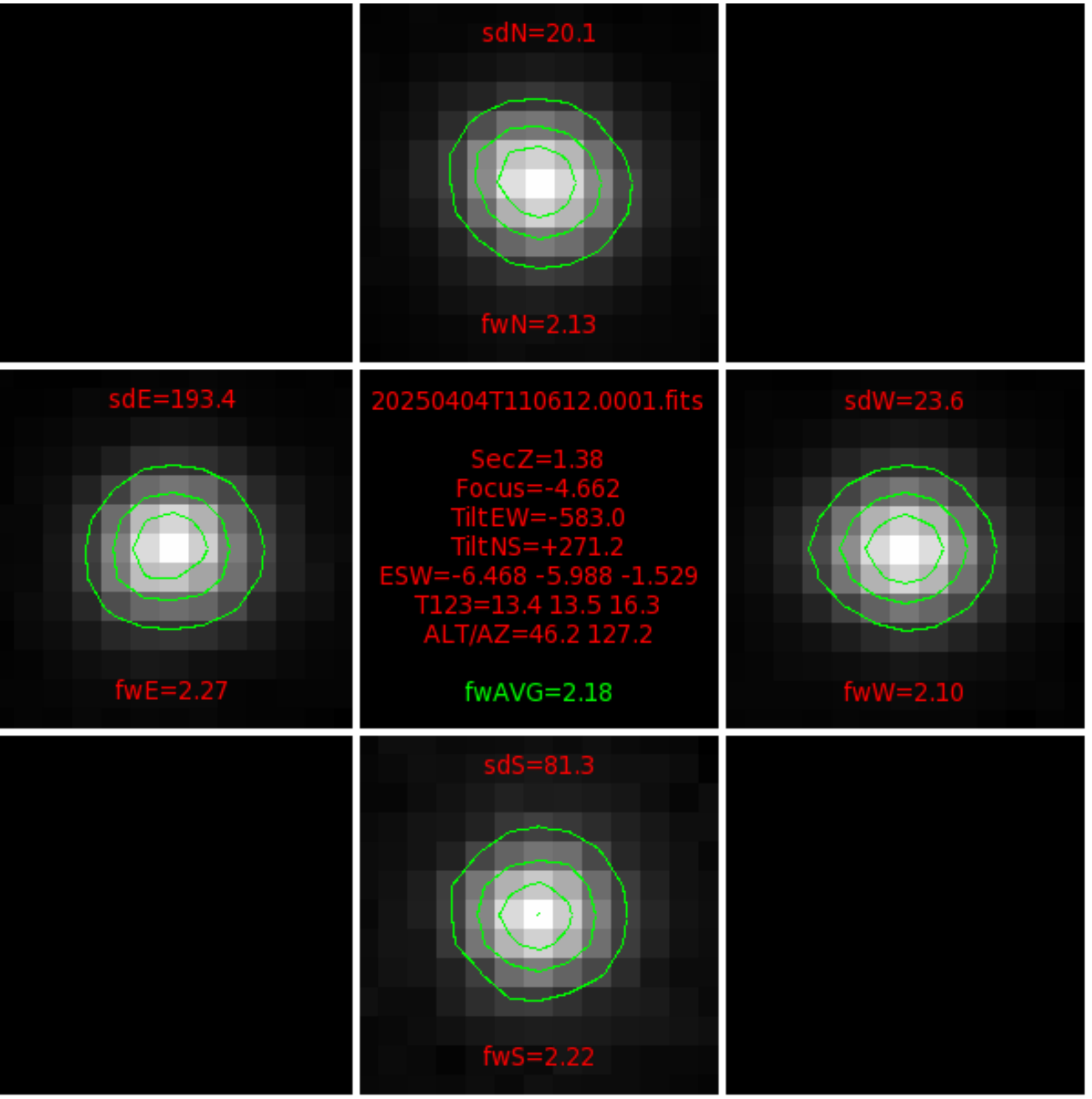
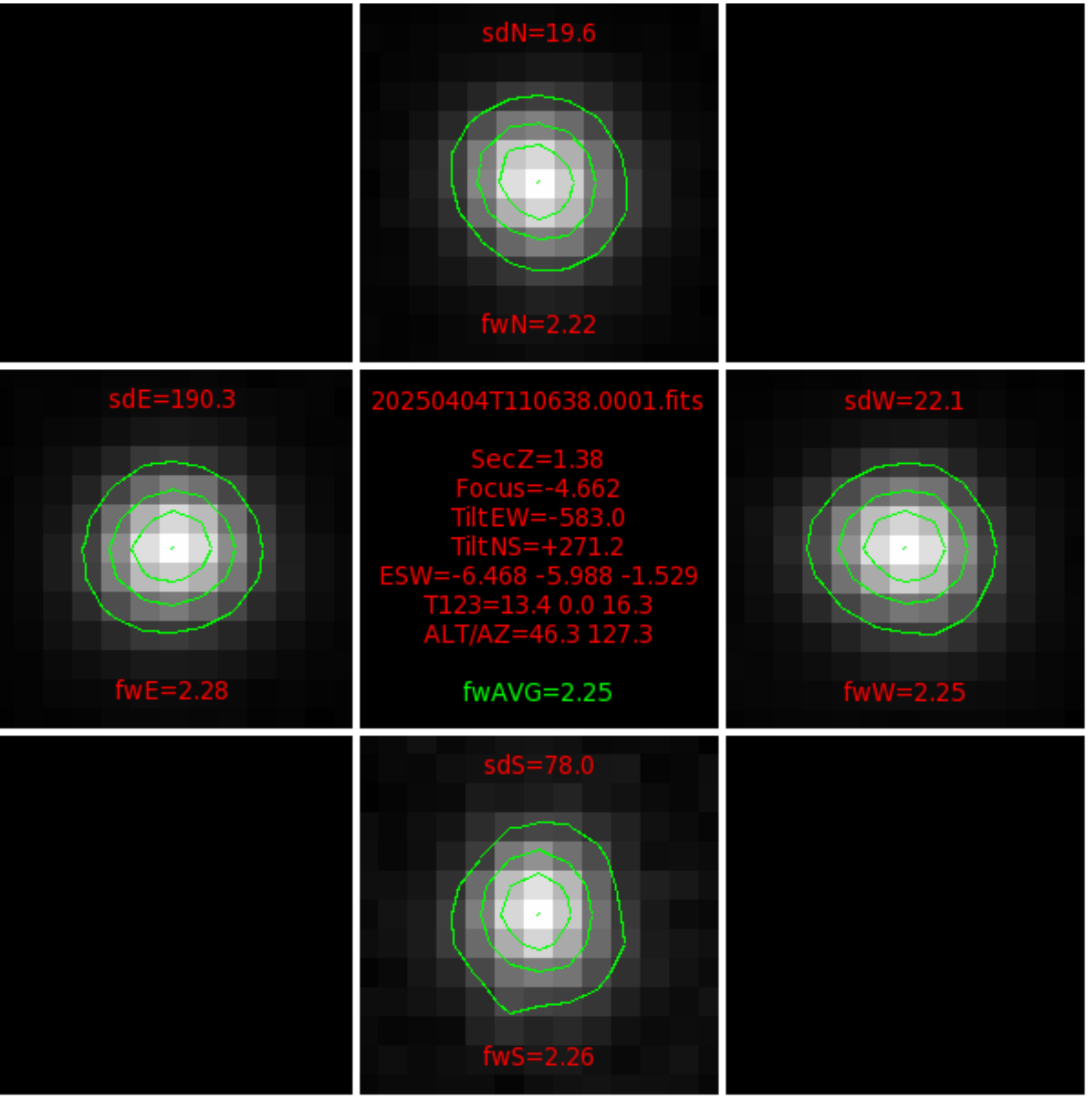
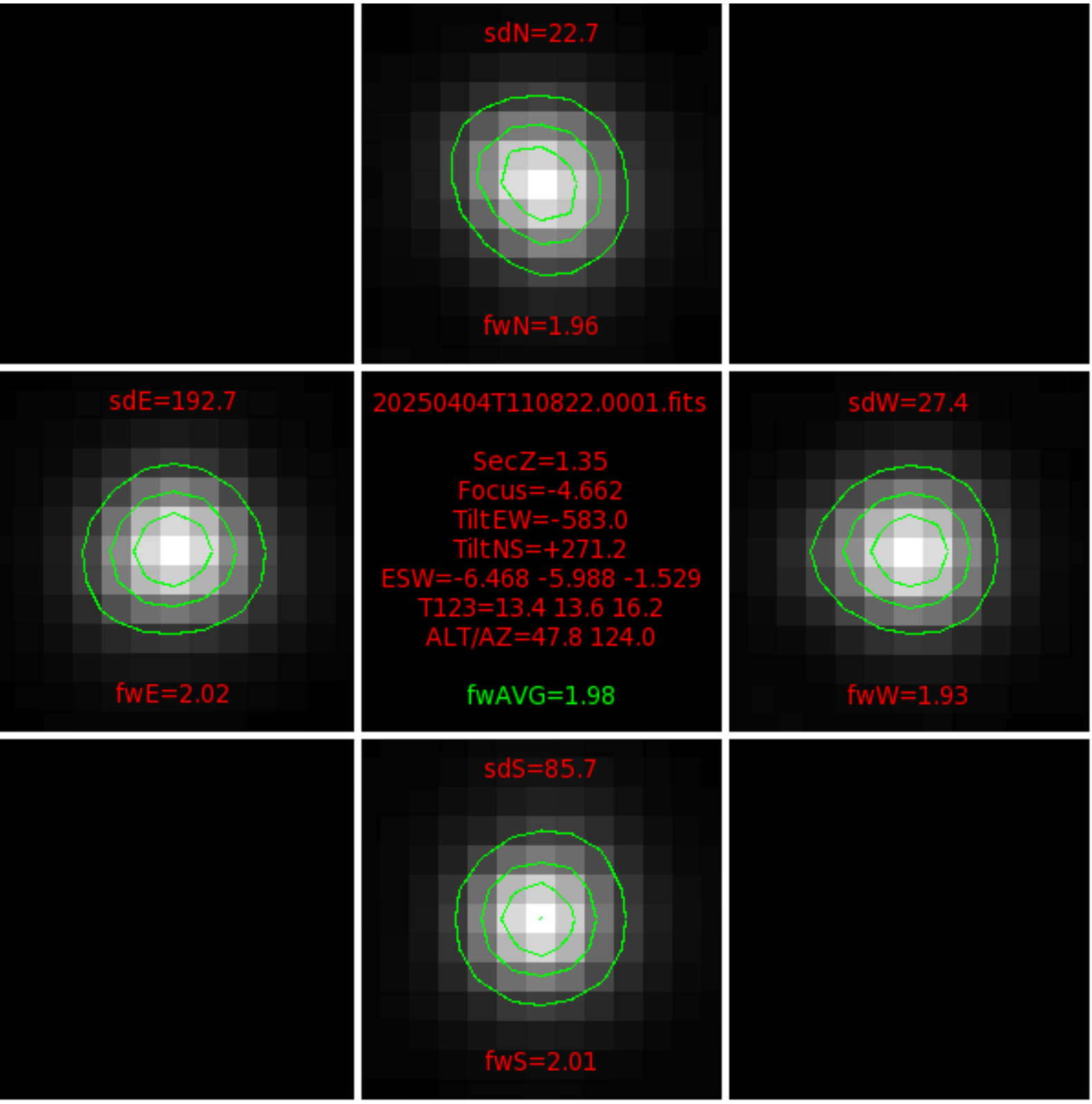

sdN=20.5
fwN=2.14
sdE=200.3
fwE=2.19
20250404T110546.0001.fits
SecZ=1.39
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.4 13.5 16.3
ALT/AZ=46.2 127.1
fwAVG=2.18
sdW=23.1
fwW=2.18
sdS=81.1
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=20.1
fwN=2.13
sdE=193.4
fwE=2.27
20250404T110612.0001.fits
SecZ=1.38
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.4 13.5 16.3
ALT/AZ=46.2 127.2
fwAVG=2.18
sdW=23.6
fwW=2.10
sdS=81.3
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=19.6
fwN=2.22
sdE=190.3
fwE=2.28
20250404T110638.0001.fits
SecZ=1.38
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.4 0.0 16.3
ALT/AZ=46.3 127.3
fwAVG=2.25
sdW=22.1
fwW=2.25
sdS=78.0
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=22.7
fwN=1.96
sdE=192.7
fwE=2.02
20250404T110822.0001.fits
SecZ=1.35
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.4 13.6 16.2
ALT/AZ=47.8 124.0
fwAVG=1.98
sdW=27.4
fwW=1.93
sdS=85.7
fwS=2.01
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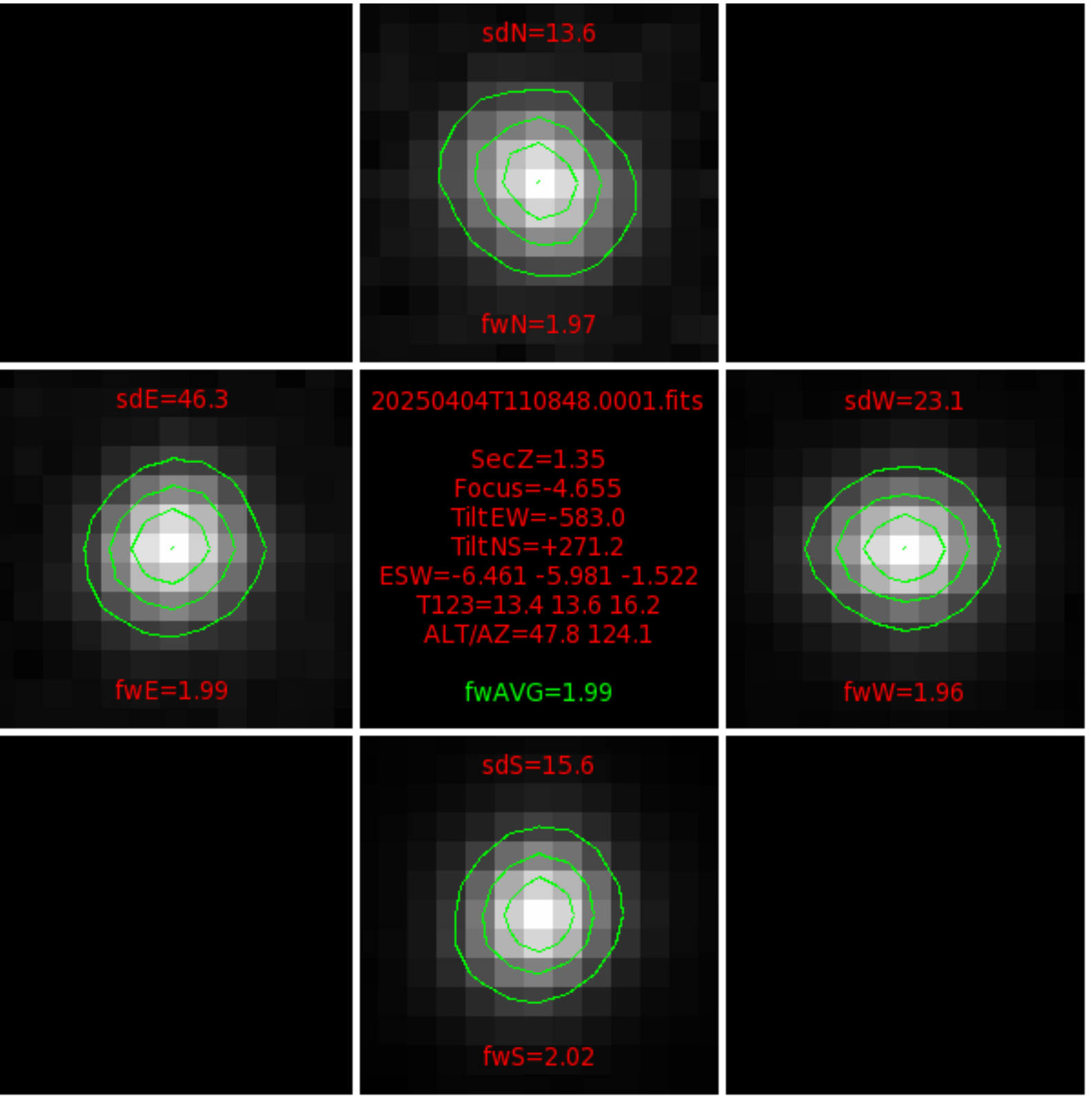
sdN=13.6
fwN=1.97
sdE=46.3
fwE=1.99
20250404T110848.0001.fits
SecZ=1.35
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=13.4 13.6 16.2
ALT/AZ=47.8 124.1
fwAVG=1.99
sdW=23.1
fwW=1.96
sdS=15.6
fwS=2.02
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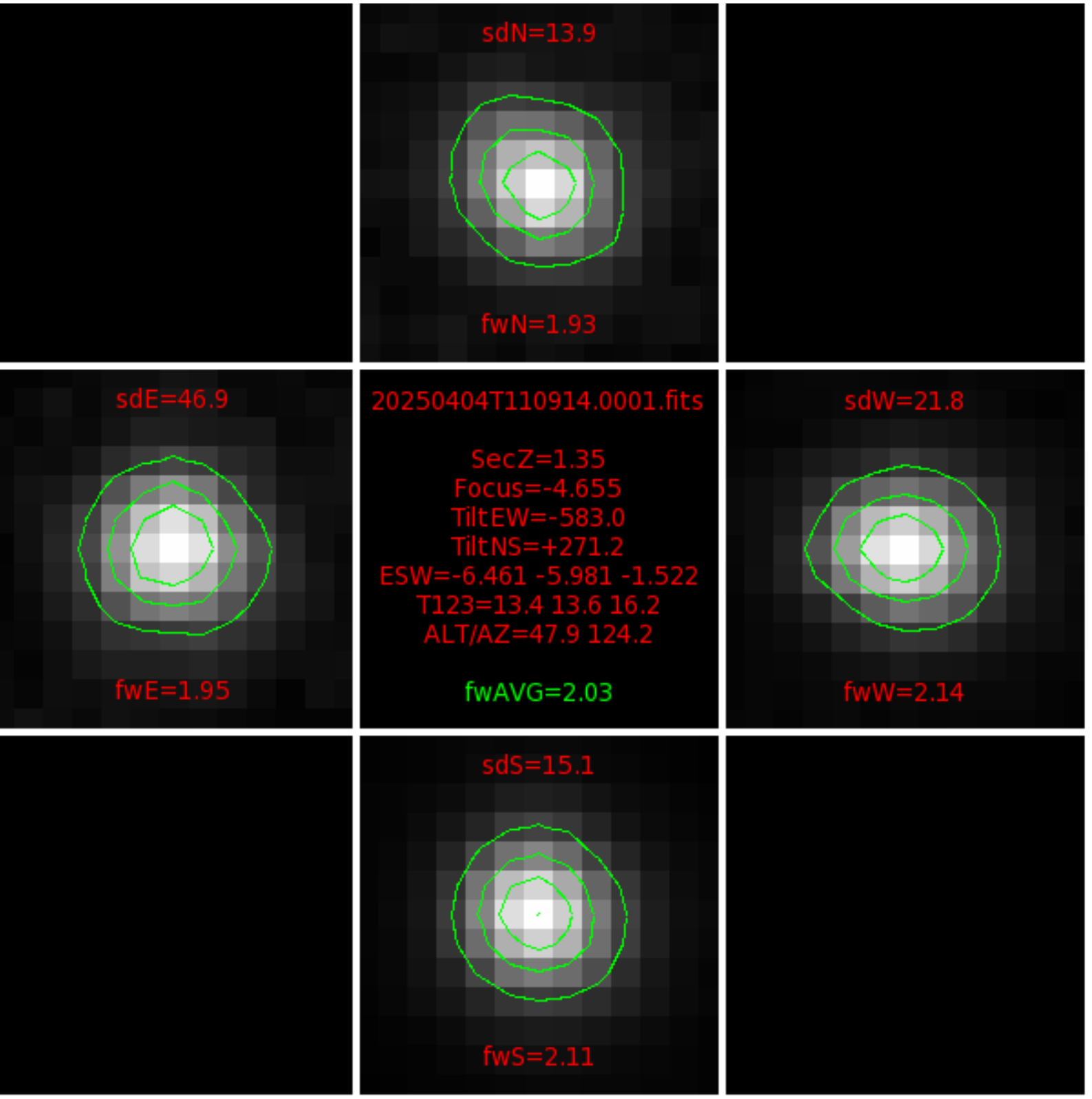
sdN=13.9
fwN=1.93
sdE=46.9
fwE=1.95
20250404T110914.0001.fits
SecZ=1.35
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=13.4 13.6 16.2
ALT/AZ=47.9 124.2
fwAVG=2.03
sdW=21.8
fwW=2.14
sdS=15.1
fwS=2.11
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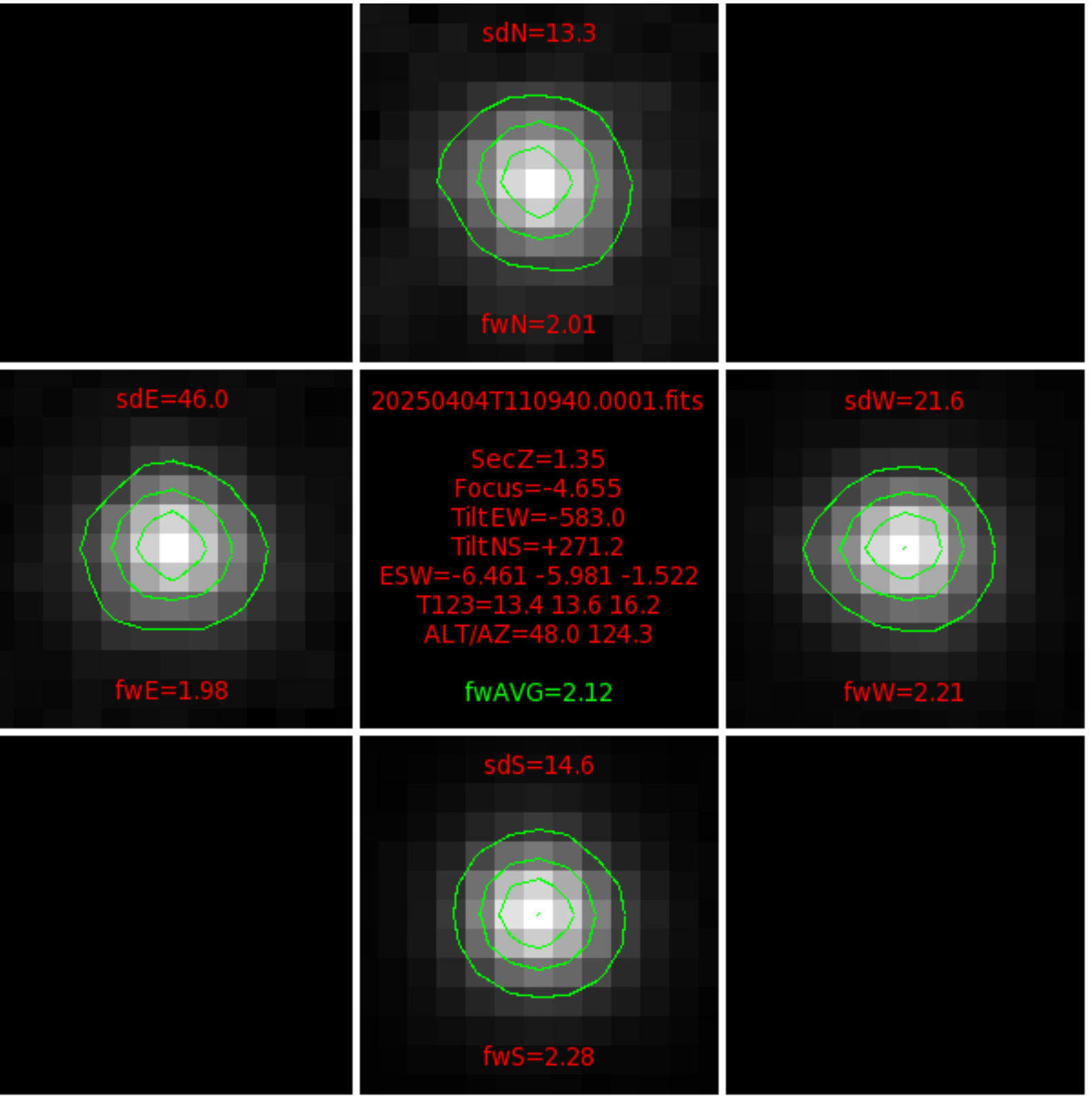
sdN=13.3
fwN=2.01
sdE=46.0
fwE=1.98
20250404T110940.0001.fits
SecZ=1.35
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=13.4 13.6 16.2
ALT/AZ=48.0 124.3
fwAVG=2.12
sdW=21.6
fwW=2.21
sdS=14.6
fwS=2.28
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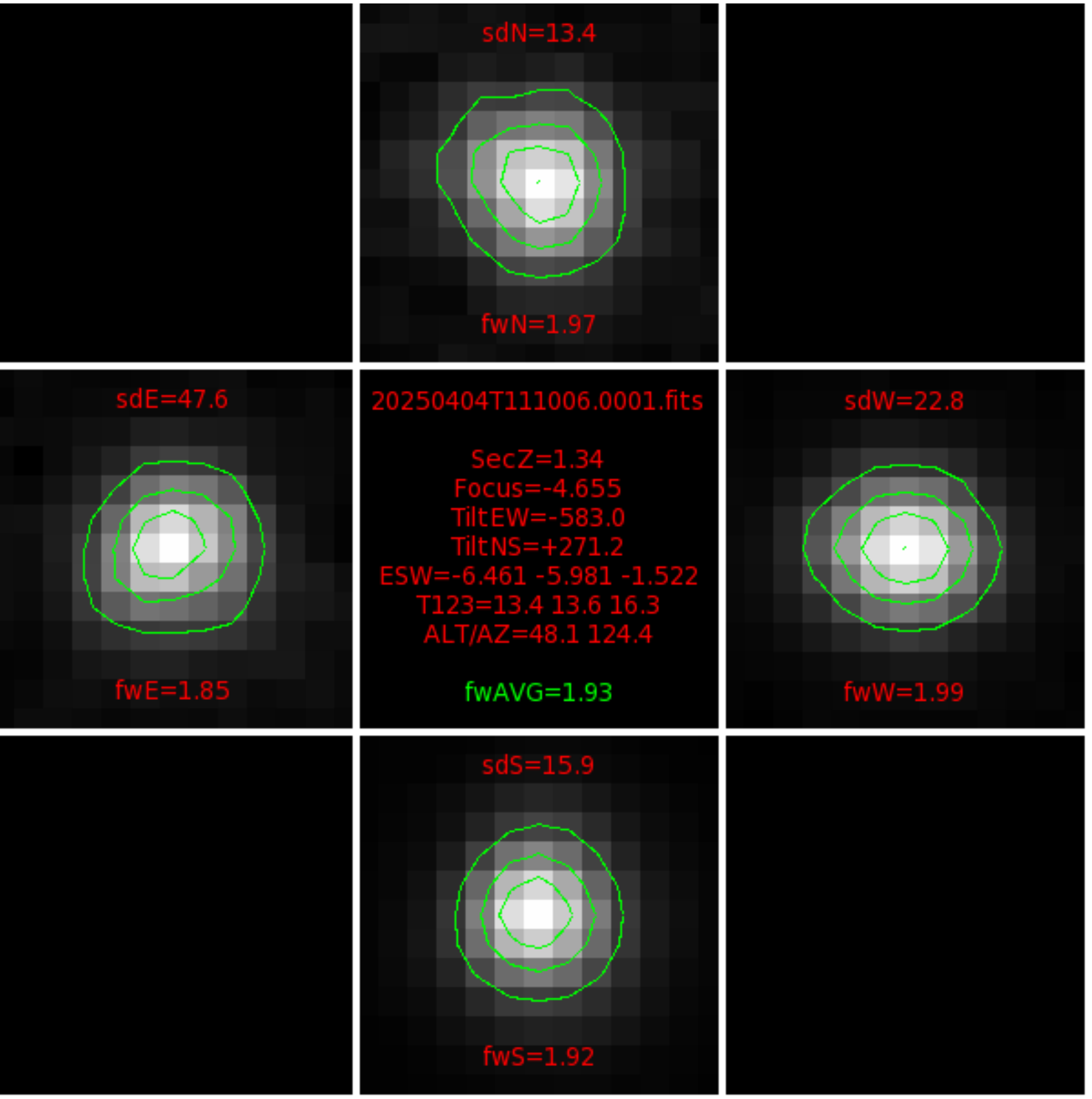
sdN=13.4
fwN=1.97
sdE=47.6
fwE=1.85
20250404T111006.0001.fits
SecZ=1.34
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=13.4 13.6 16.3
ALT/AZ=48.1 124.4
fwAVG=1.93
sdW=22.8
fwW=1.99
sdS=15.9
fwS=1.92
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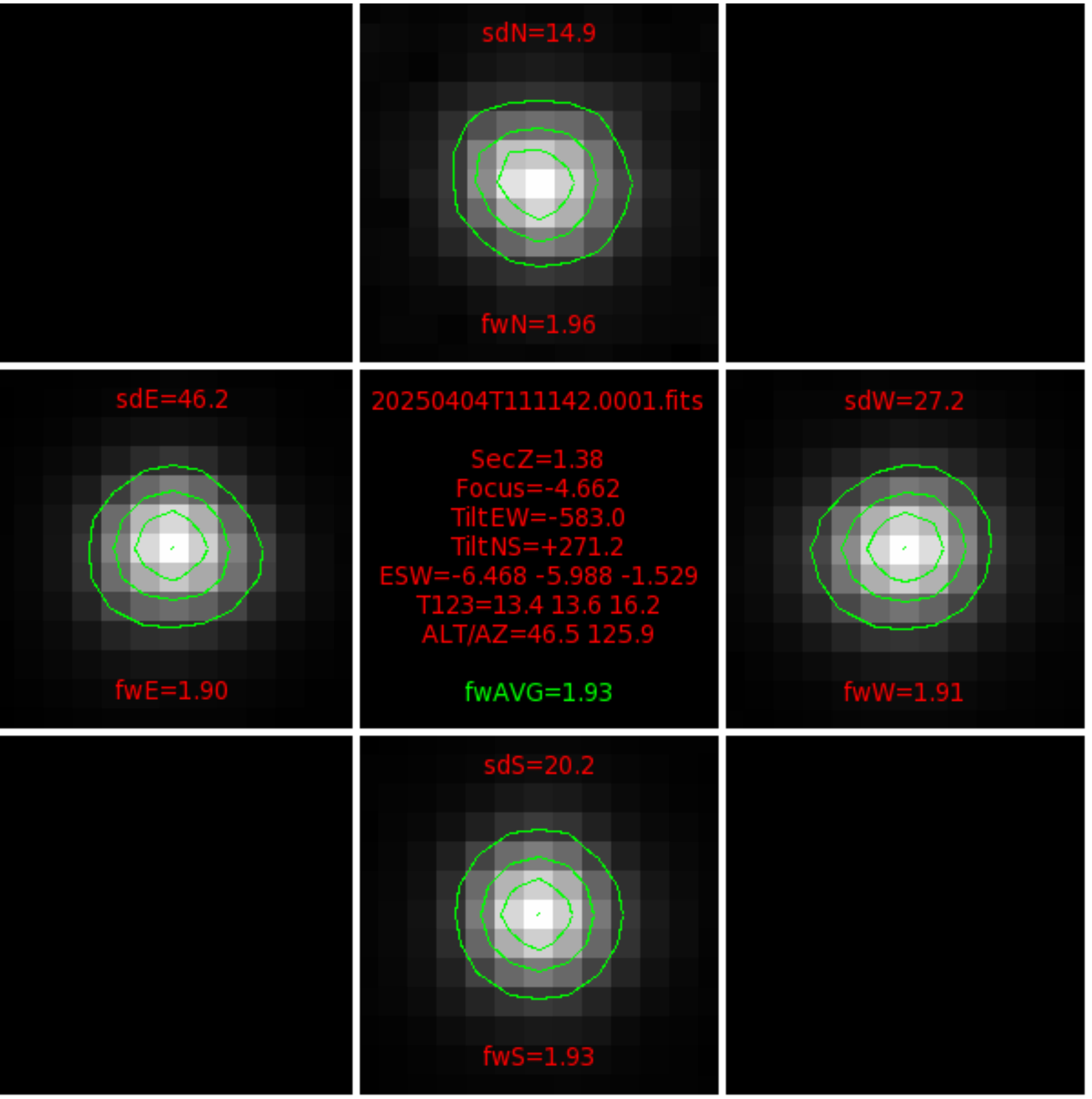
sdN=14.9
fwN=1.96
sdE=46.2
fwE=1.90
20250404T111142.0001.fits
SecZ=1.38
Focus=-4.662
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.468 -5.988 -1.529
T123=13.4 13.6 16.2
ALT/AZ=46.5 125.9
fwAVG=1.93
sdW=27.2
fwW=1.91
sdS=20.2
fwS=1.93
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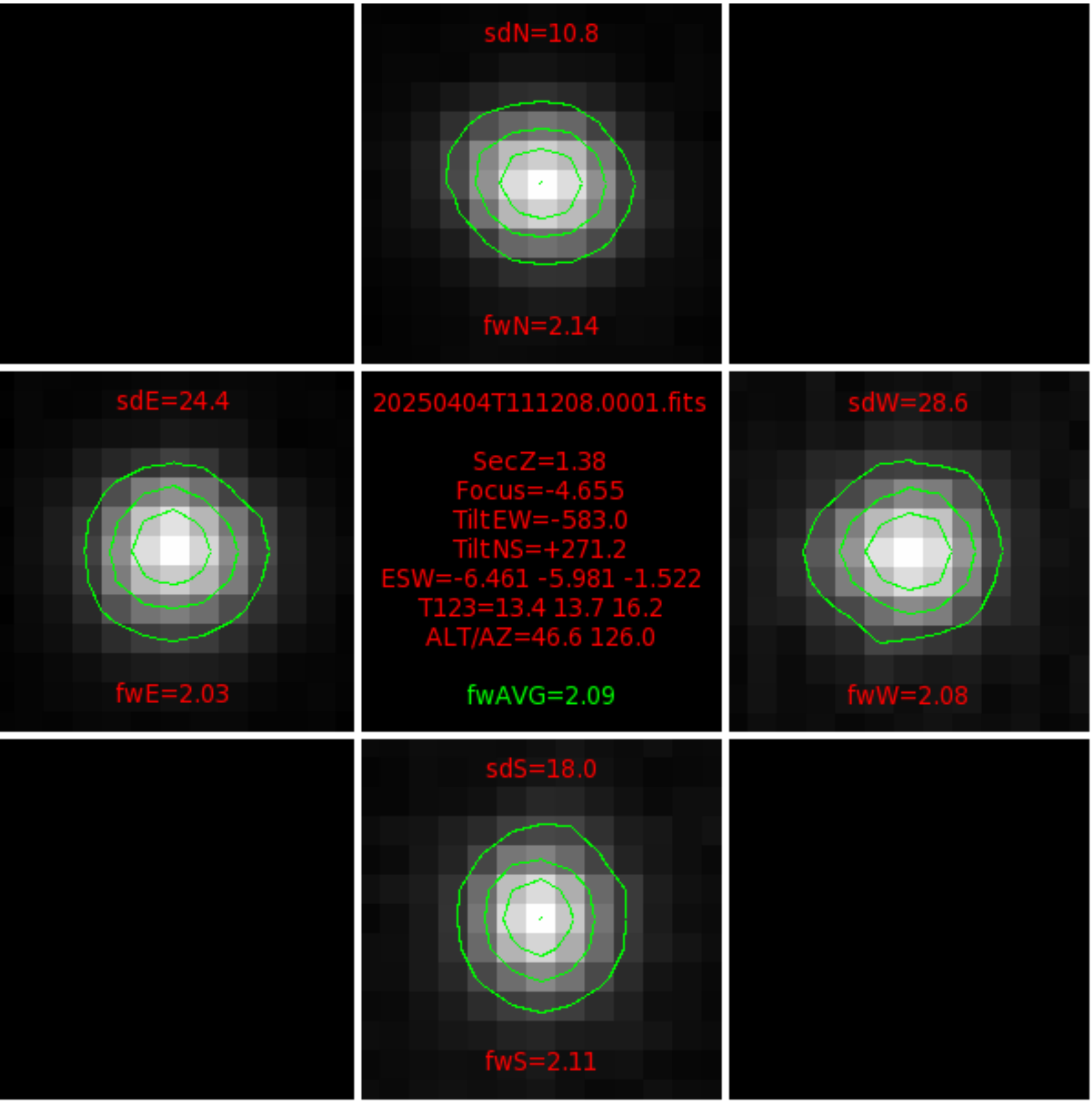
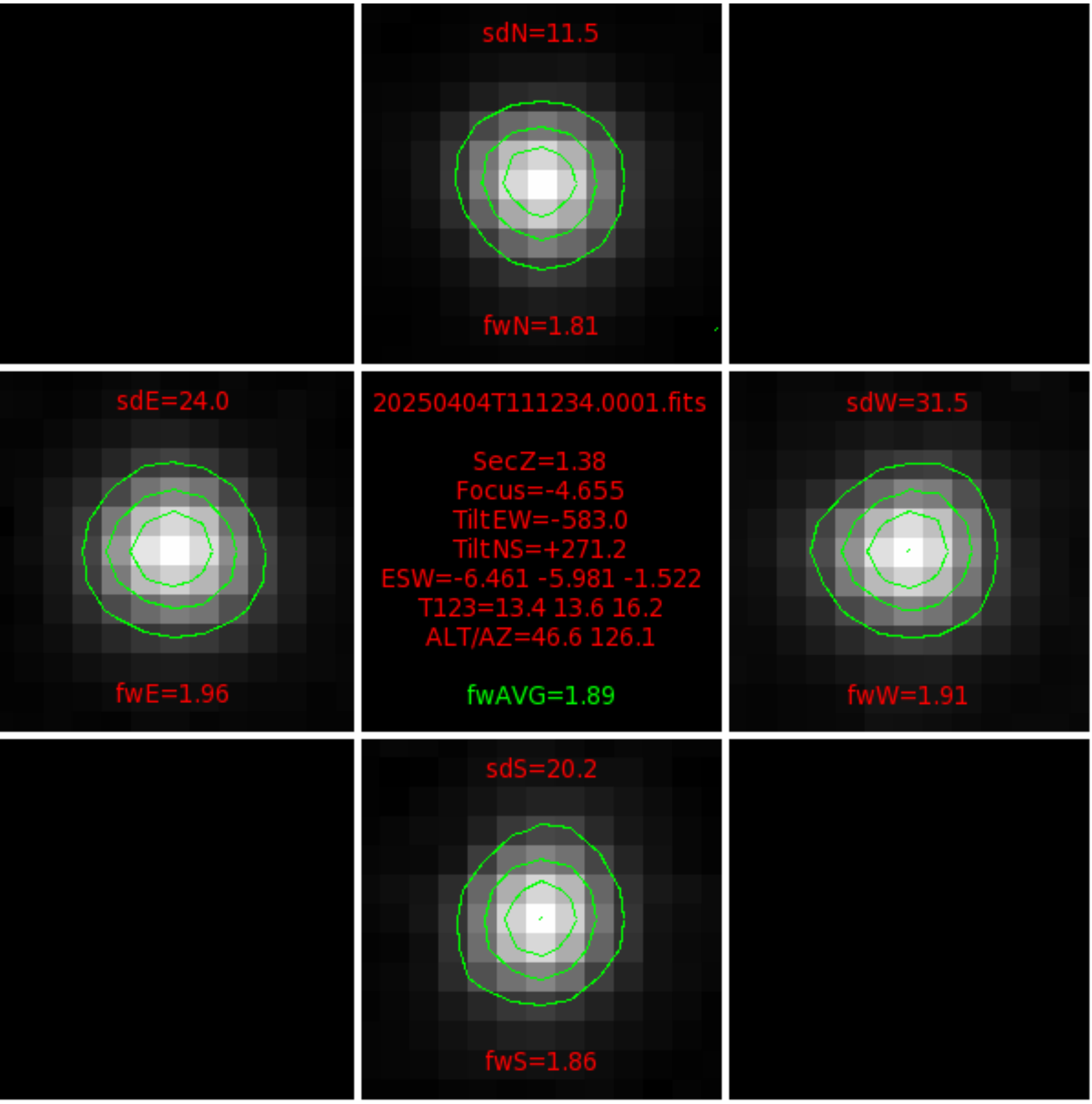
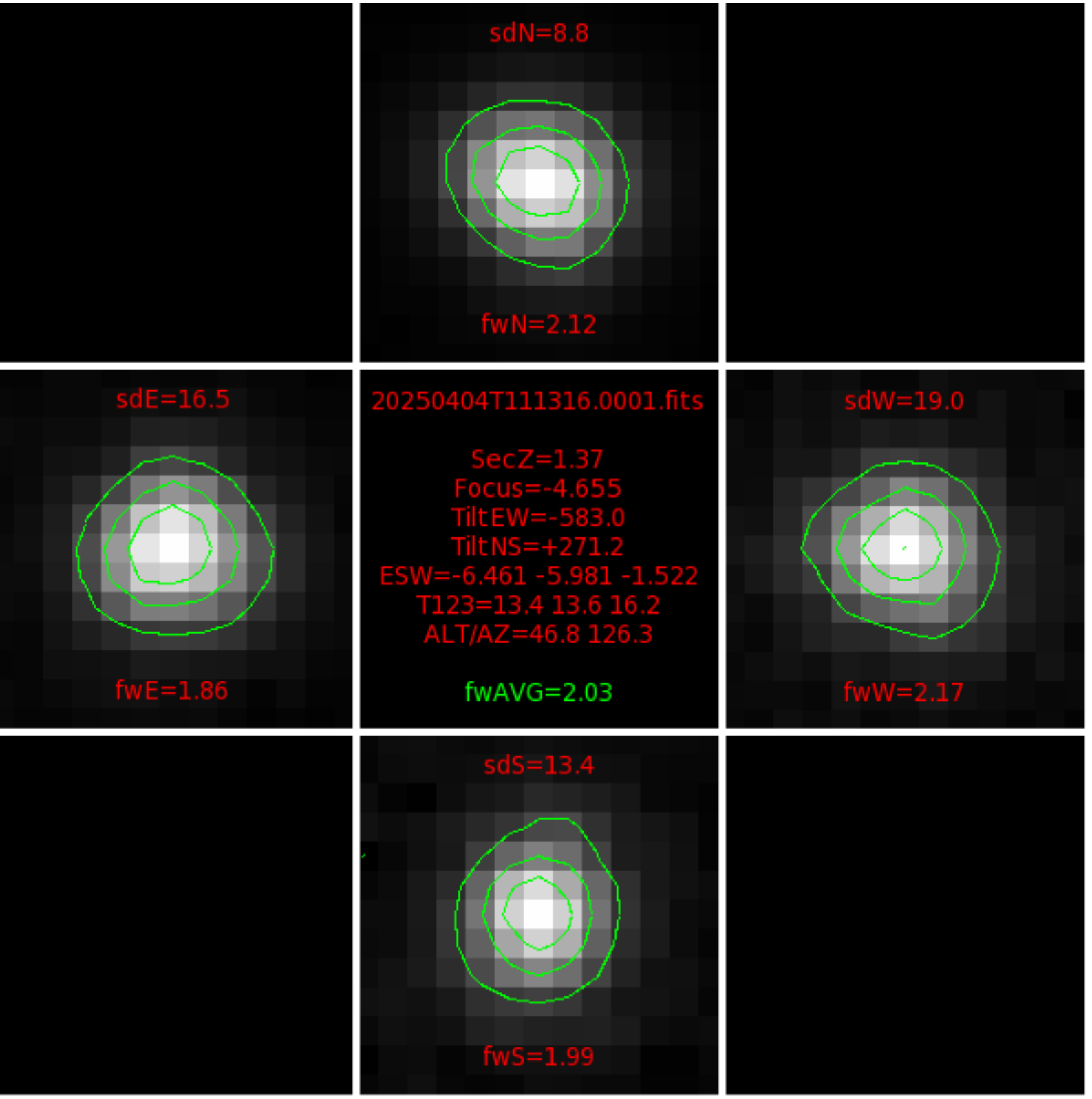

sdN=10.8
fwN=2.14
sdE=24.4
fwE=2.03
20250404T111208.0001.fits
SecZ=1.38
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=13.4 13.7 16.2
ALT/AZ=46.6 126.0
fwAVG=2.09
sdW=28.6
fwW=2.08
sdS=18.0
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=11.5
fwN=1.81
sdE=24.0
fwE=1.96
20250404T111234.0001.fits
SecZ=1.38
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=13.4 13.6 16.2
ALT/AZ=46.6 126.1
fwAVG=1.89
sdW=31.5
fwW=1.91
sdS=20.2
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=8.8
fwN=2.12
sdE=16.5
fwE=1.86
20250404T111316.0001.fits
SecZ=1.37
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=13.4 13.6 16.2
ALT/AZ=46.8 126.3
fwAVG=2.03
sdW=19.0
fwW=2.17
sdS=13.4
fwS=1.99
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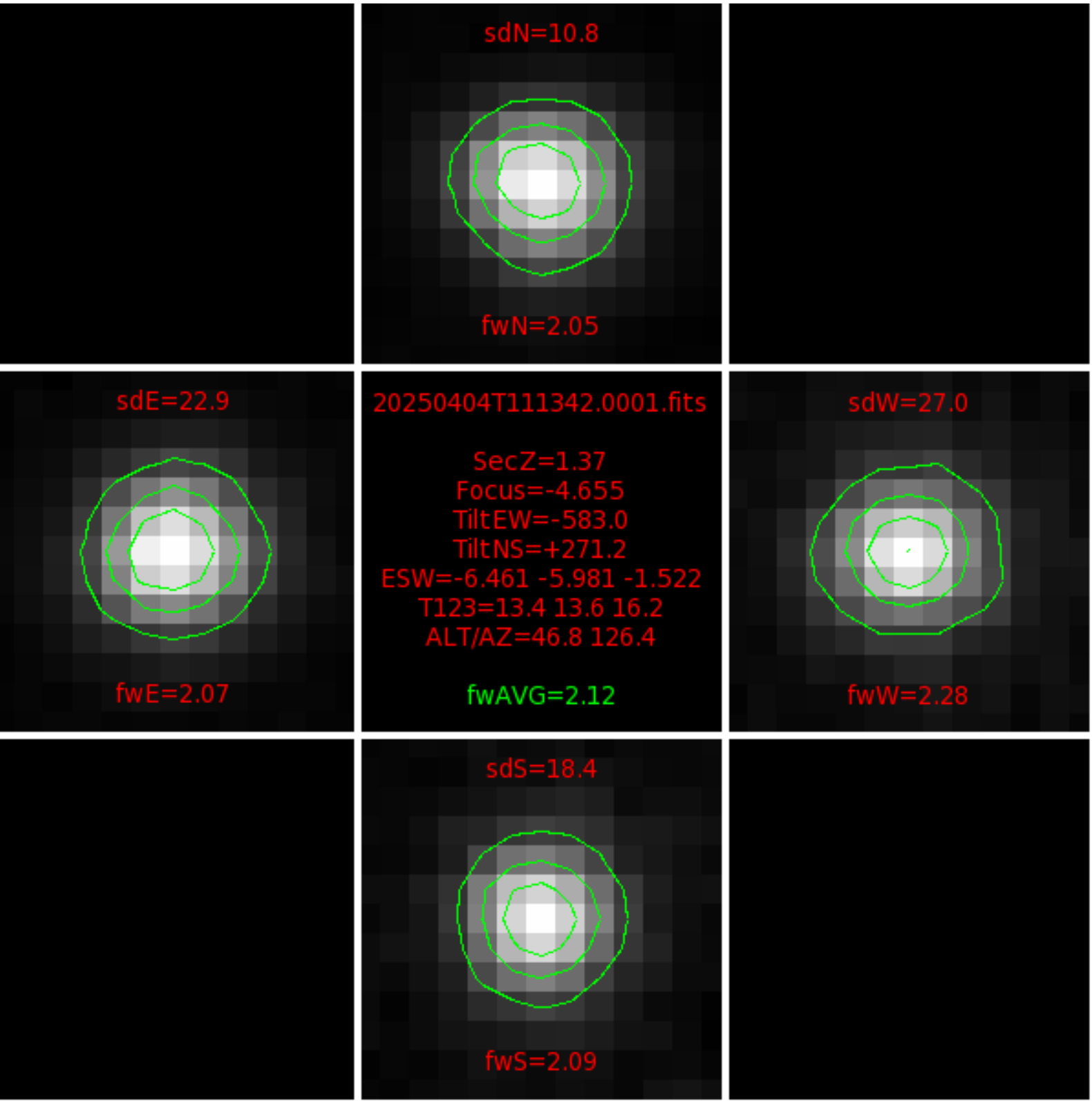
sdN=10.8
fwN=2.05
sdE=22.9
20250404T111342.0001.fits
SecZ=1.37
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=13.4 13.6 16.2
ALT/AZ=46.8 126.4
fwAVG=2.12
sdW=27.0
fwE=2.07
fwW=2.28
sdS=18.4
fwS=2.09
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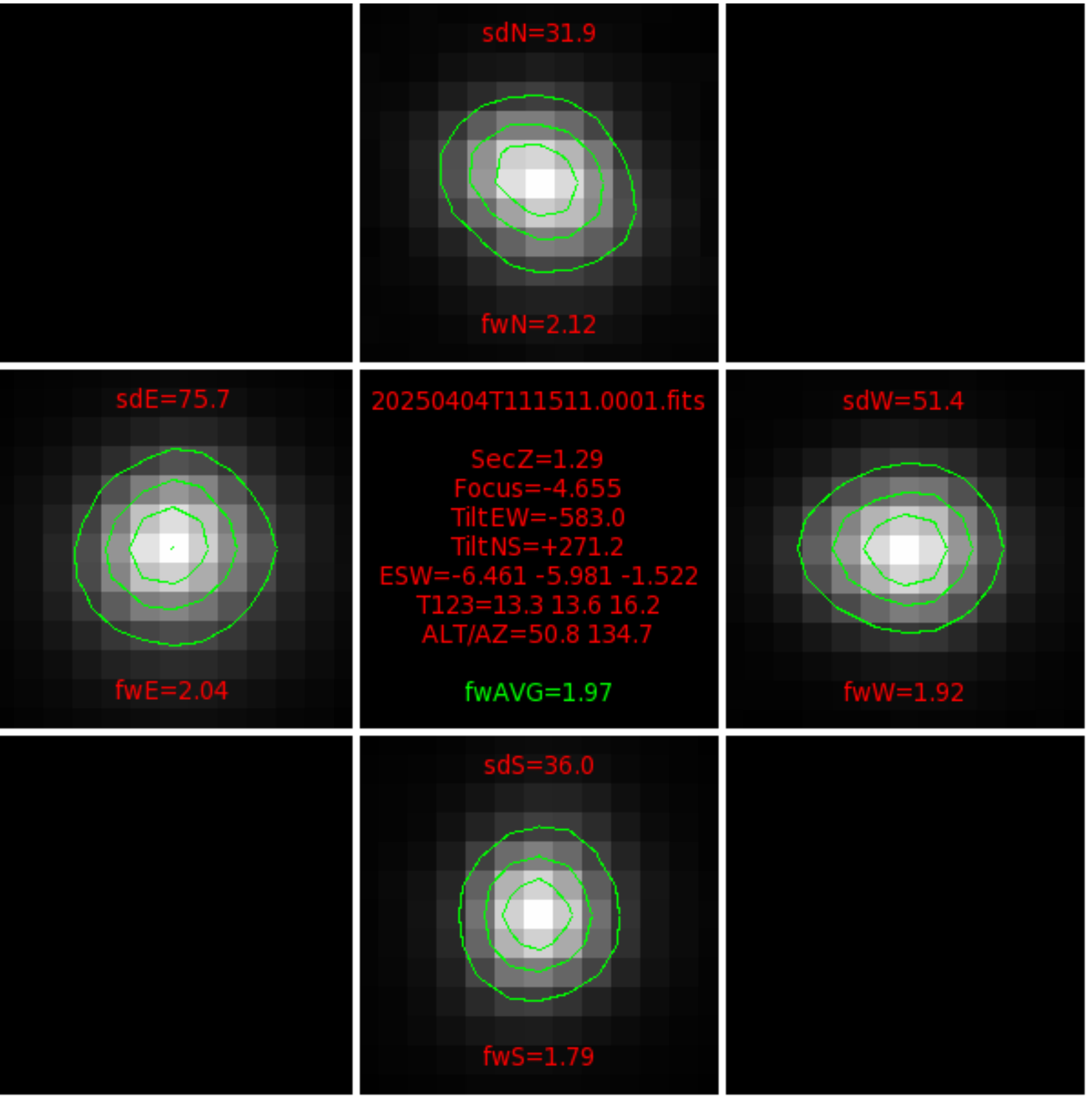
sdN=31.9
fwN=2.12
sdE=75.7
fwE=2.04
20250404T111511.0001.fits
SecZ=1.29
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=13.3 13.6 16.2
ALT/AZ=50.8 134.7
fwAVG=1.97
sdW=51.4
fwW=1.92
sdS=36.0
fwS=1.79
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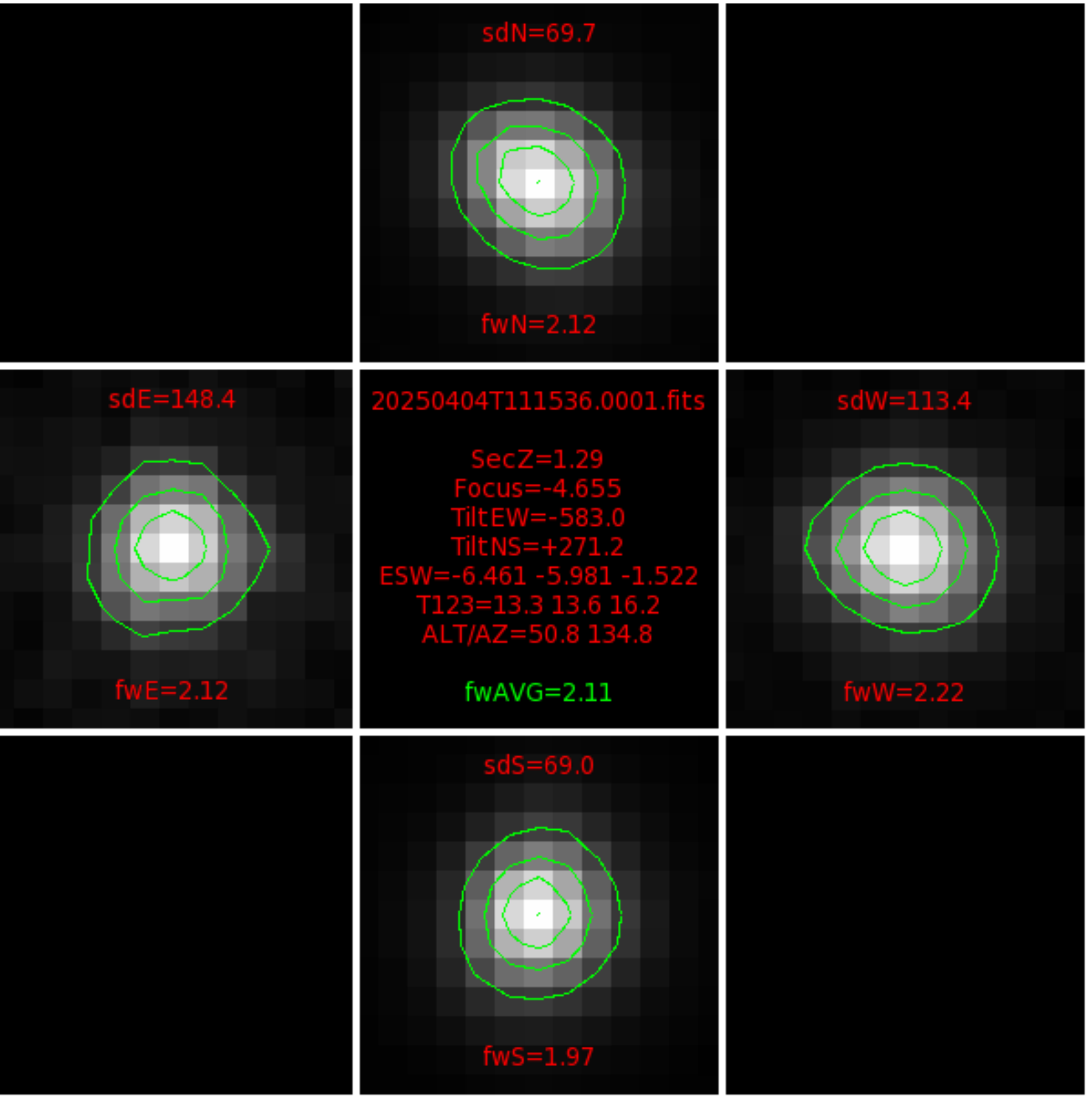
sdN=69.7
fwN=2.12
sdE=148.4
fwE=2.12
20250404T111536.0001.fits
SecZ=1.29
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=13.3 13.6 16.2
ALT/AZ=50.8 134.8
fwAVG=2.11
sdW=113.4
fwW=2.22
sdS=69.0
fwS=1.97
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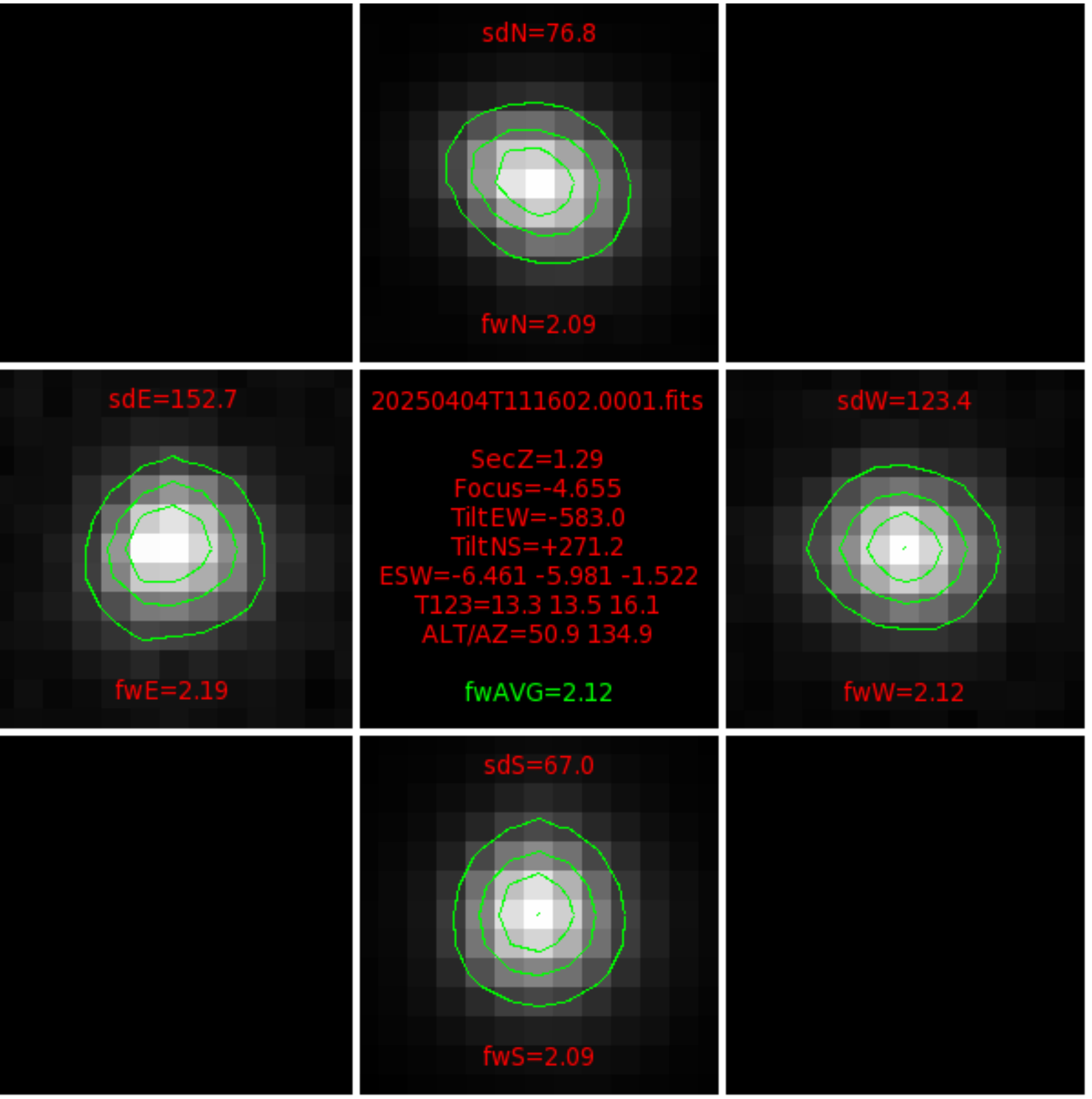
sdN=76.8
fwN=2.09
sdE=152.7
fwE=2.19
20250404T111602.0001.fits
SecZ=1.29
Focus=-4.655
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.461 -5.981 -1.522
T123=13.3 13.5 16.1
ALT/AZ=50.9 134.9
fwAVG=2.12
sdW=123.4
fwW=2.12
sdS=67.0
fwS=2.09
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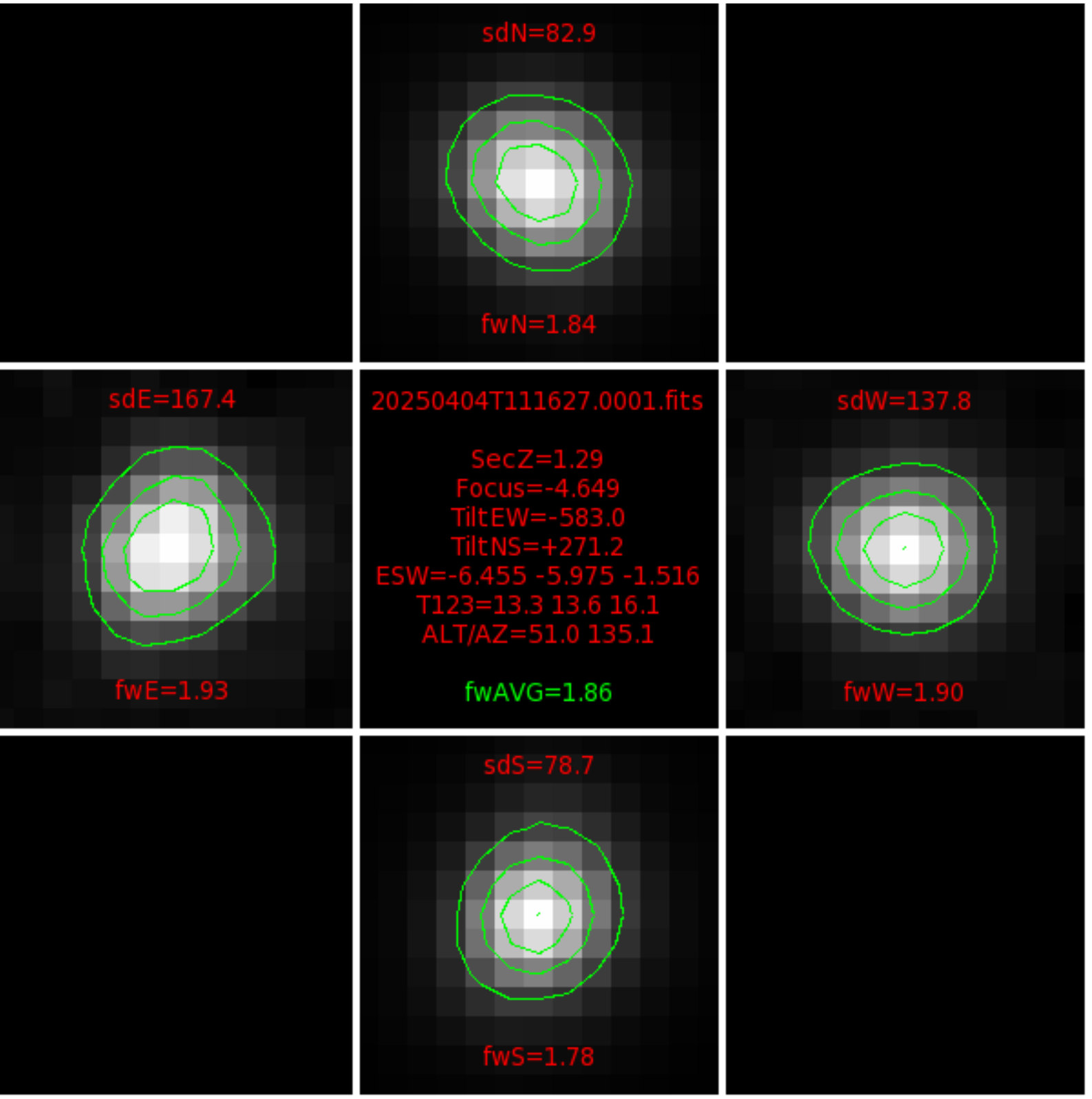
sdN=82.9
fwN=1.84
sdE=167.4
fwE=1.93
20250404T111627.0001.fits
SecZ=1.29
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.6 16.1
ALT/AZ=51.0 135.1
fwAVG=1.86
sdW=137.8
fwW=1.90
sdS=78.7
fwS=1.78
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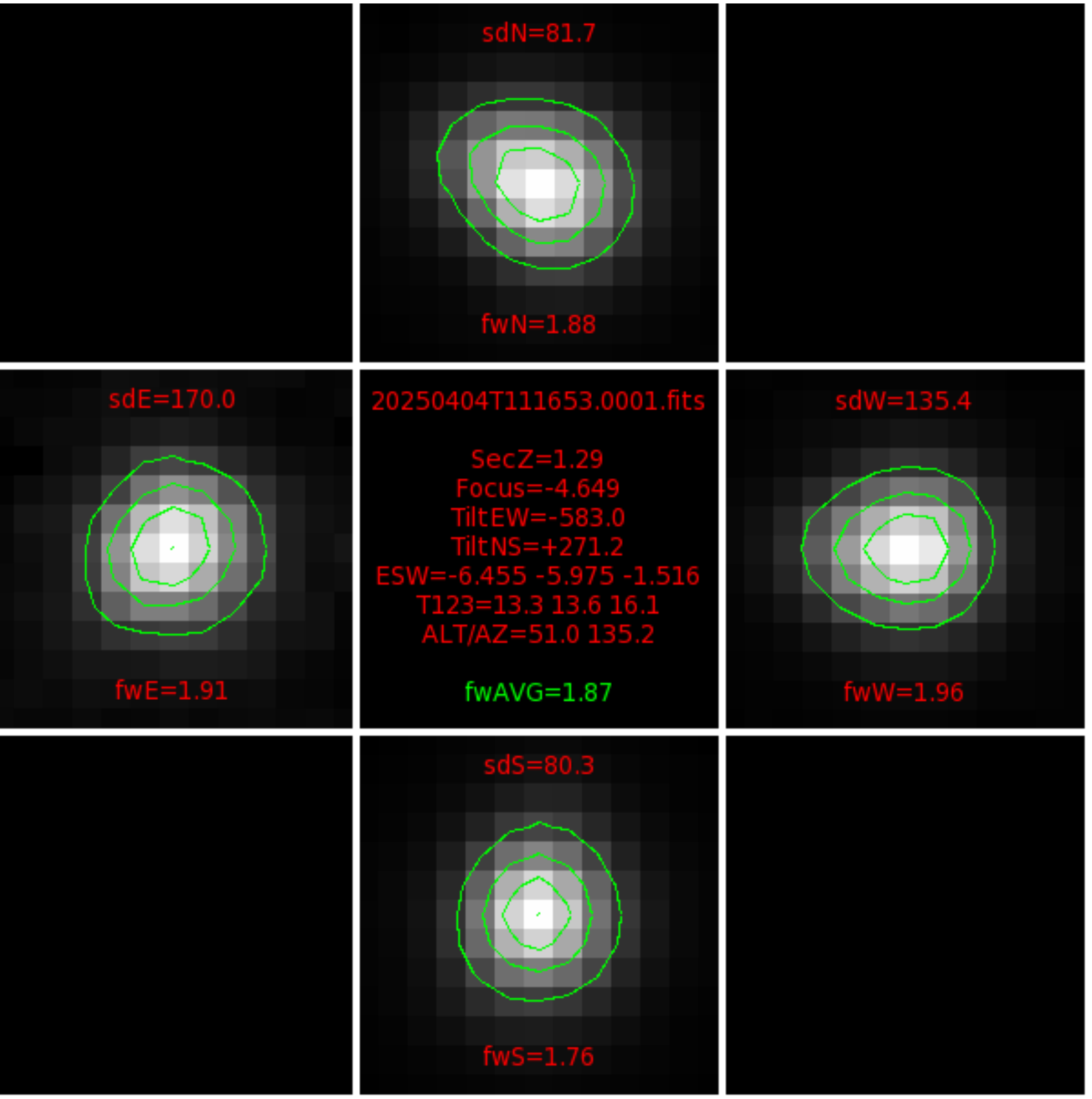
sdN=81.7
fwN=1.88
sdE=170.0
fwE=1.91
20250404T111653.0001.fits
SecZ=1.29
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.6 16.1
ALT/AZ=51.0 135.2
fwAVG=1.87
sdW=135.4
fwW=1.96
sdS=80.3
fwS=1.76
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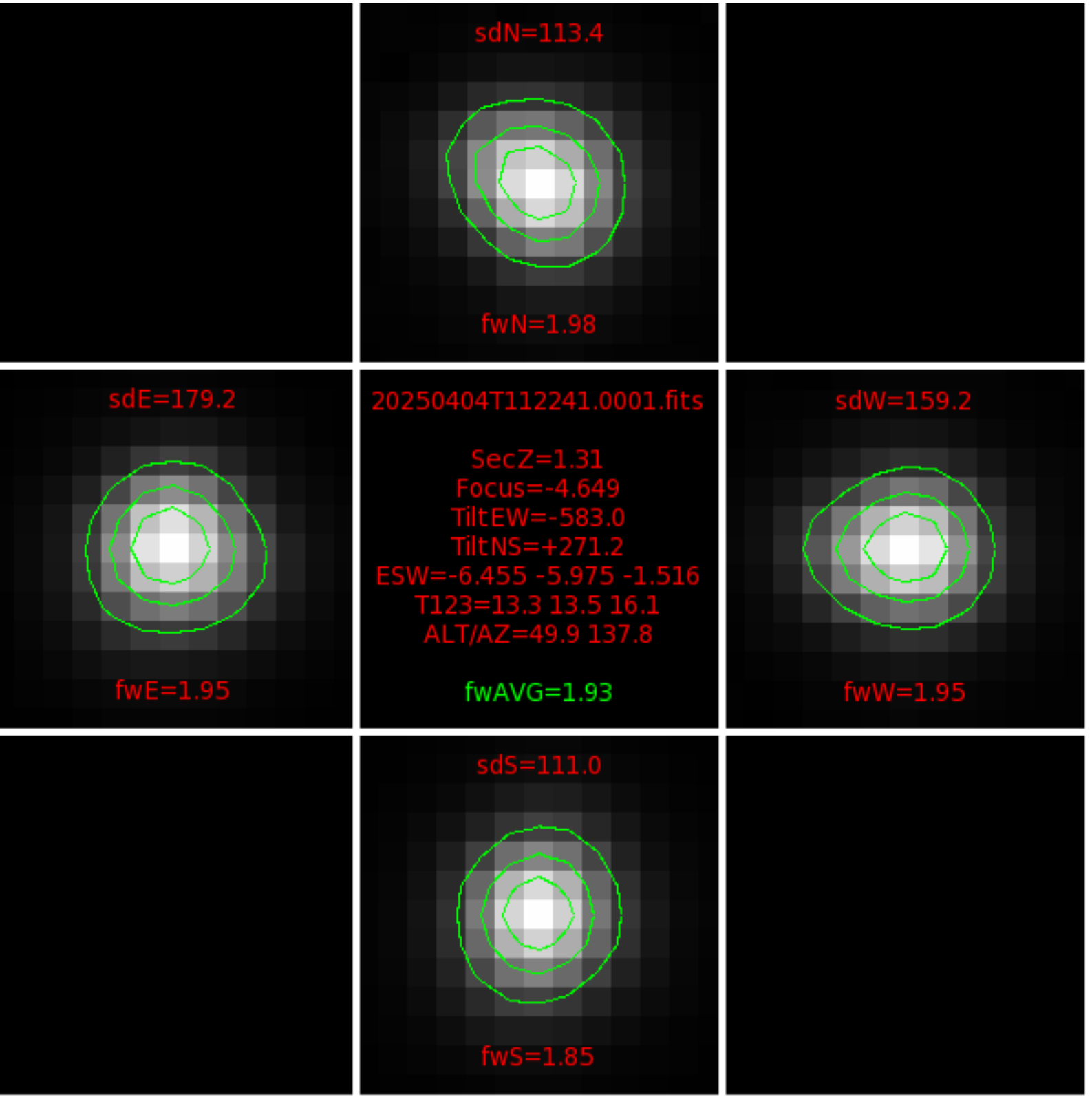
sdN=113.4
fwN=1.98
sdE=179.2
fwE=1.95
20250404T112241.0001.fits
SecZ=1.31
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.5 16.1
ALT/AZ=49.9 137.8
fwAVG=1.93
sdW=159.2
fwW=1.95
sdS=111.0
fwS=1.85
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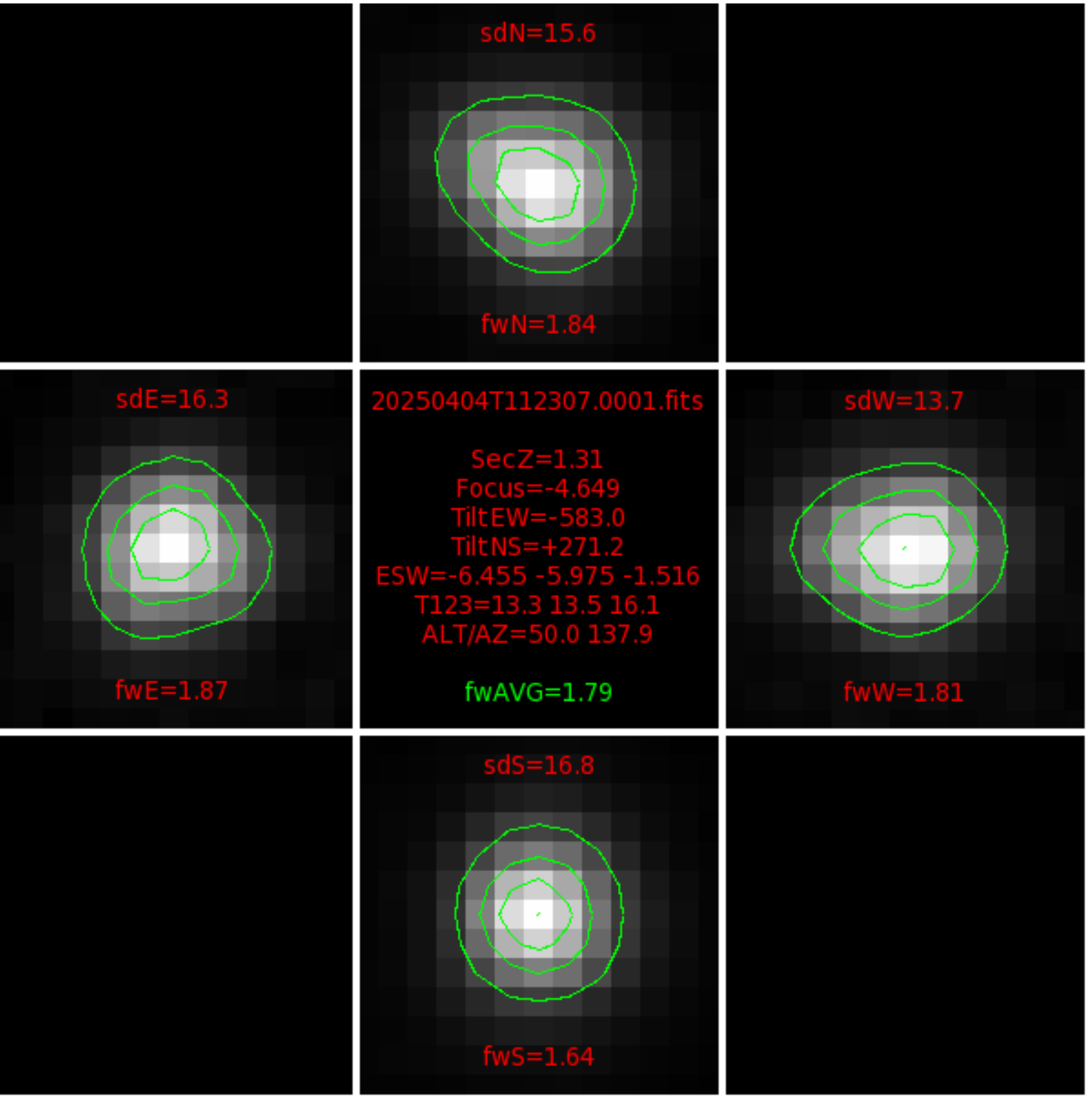
sdN=15.6
fwN=1.84
sdE=16.3
fwE=1.87
20250404T112307.0001.fits
SecZ=1.31
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.5 16.1
ALT/AZ=50.0 137.9
fwAVG=1.79
sdW=13.7
fwW=1.81
sdS=16.8
fwS=1.64
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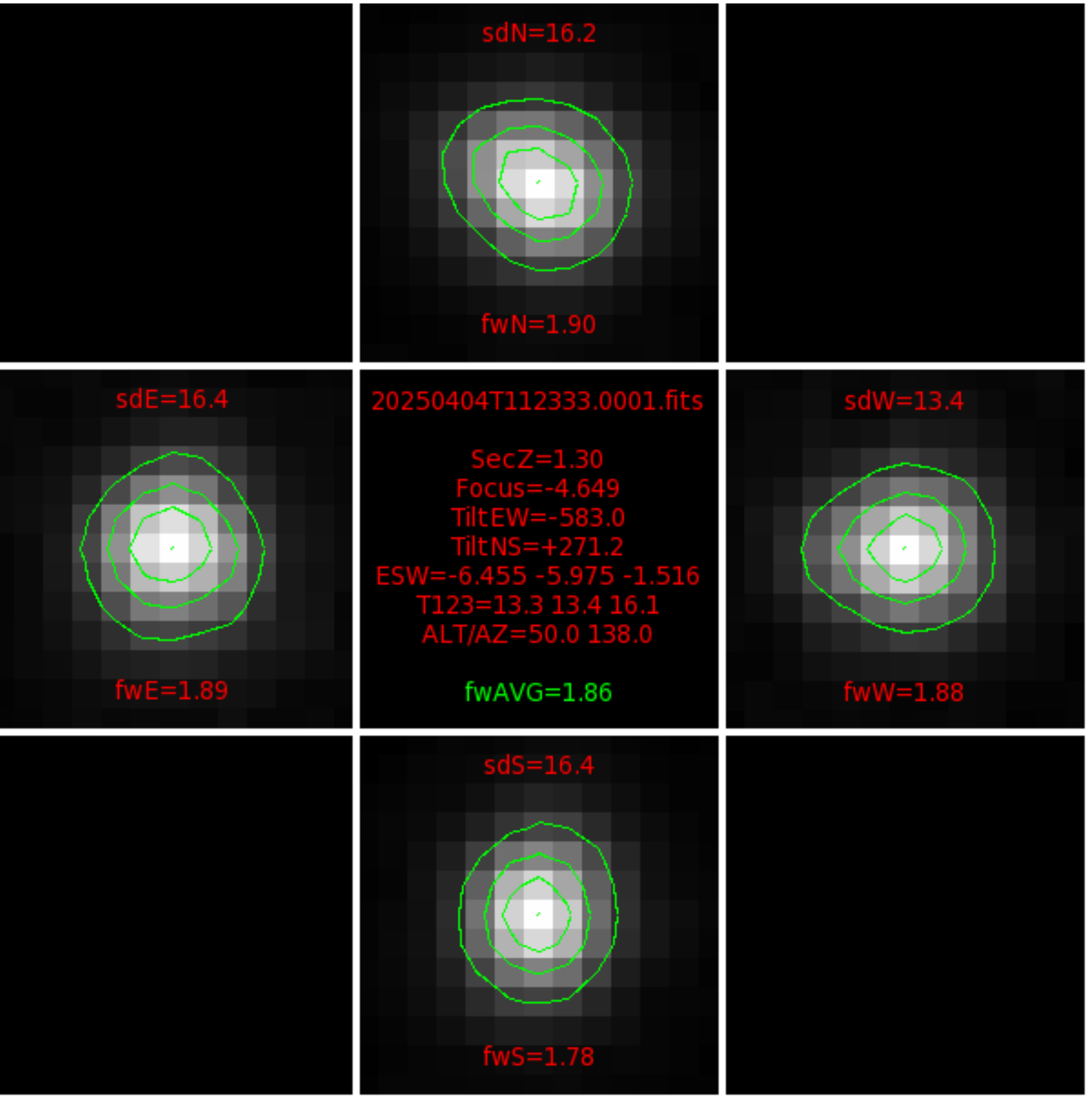
sdN=16.2
fwN=1.90
sdE=16.4
fwE=1.89
20250404T112333.0001.fits
SecZ=1.30
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.4 16.1
ALT/AZ=50.0 138.0
fwAVG=1.86
sdW=13.4
fwW=1.88
sdS=16.4
fwS=1.78
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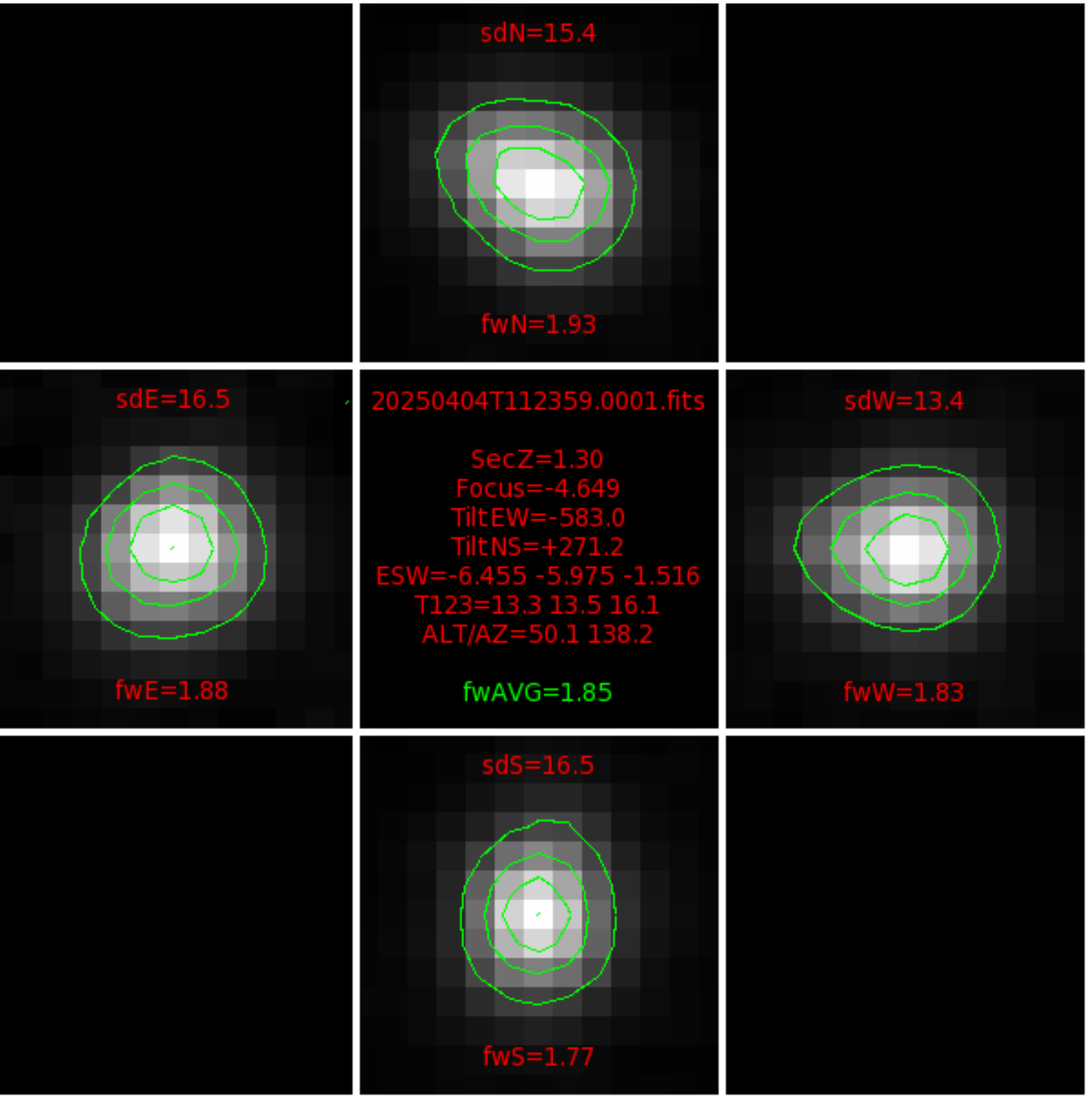
sdN=15.4
fwN=1.93
sdE=16.5
fwE=1.88
20250404T112359.0001.fits
SecZ=1.30
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.5 16.1
ALT/AZ=50.1 138.2
fwAVG=1.85
sdW=13.4
fwW=1.83
sdS=16.5
fwS=1.77
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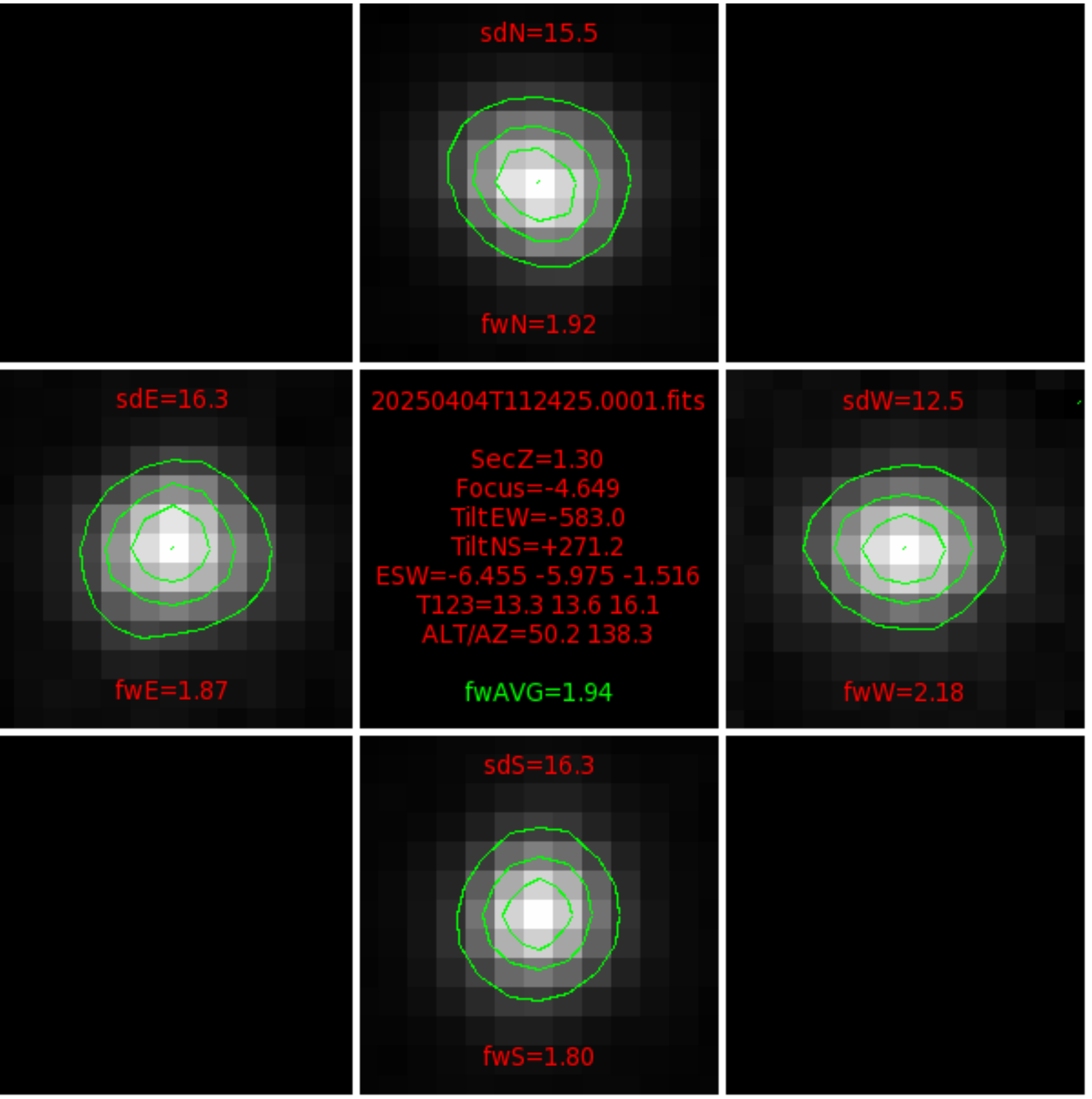
sdN=15.5
fwN=1.92
sdE=16.3
fwE=1.87
20250404T112425.0001.fits
SecZ=1.30
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.6 16.1
ALT/AZ=50.2 138.3
fwAVG=1.94
sdW=12.5
fwW=2.18
sdS=16.3
fwS=1.80
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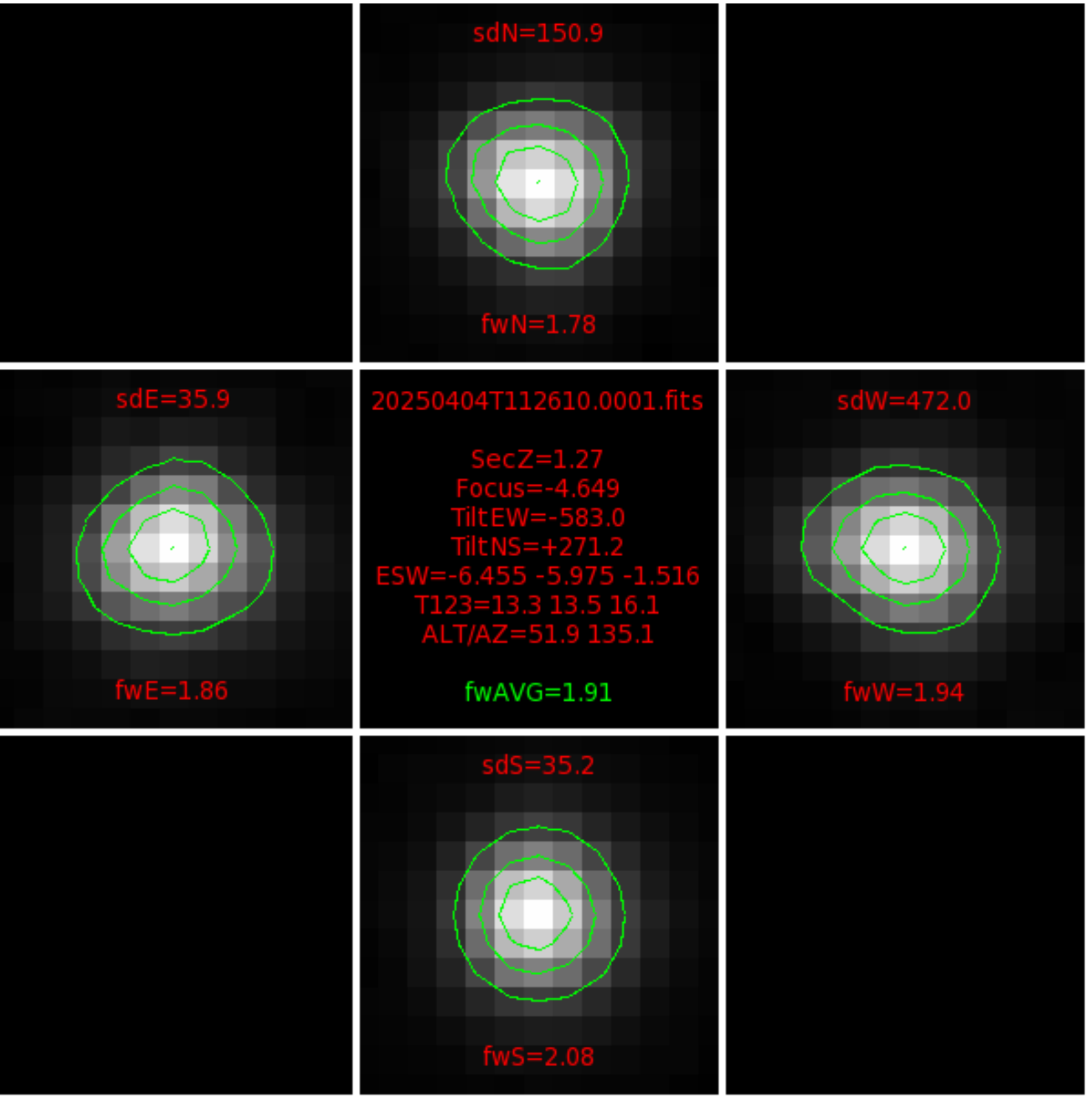
sdN=150.9
fwN=1.78
sdE=35.9
fwE=1.86
20250404T112610.0001.fits
SecZ=1.27
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.5 16.1
ALT/AZ=51.9 135.1
fwAVG=1.91
sdW=472.0
fwW=1.94
sdS=35.2
fwS=2.08
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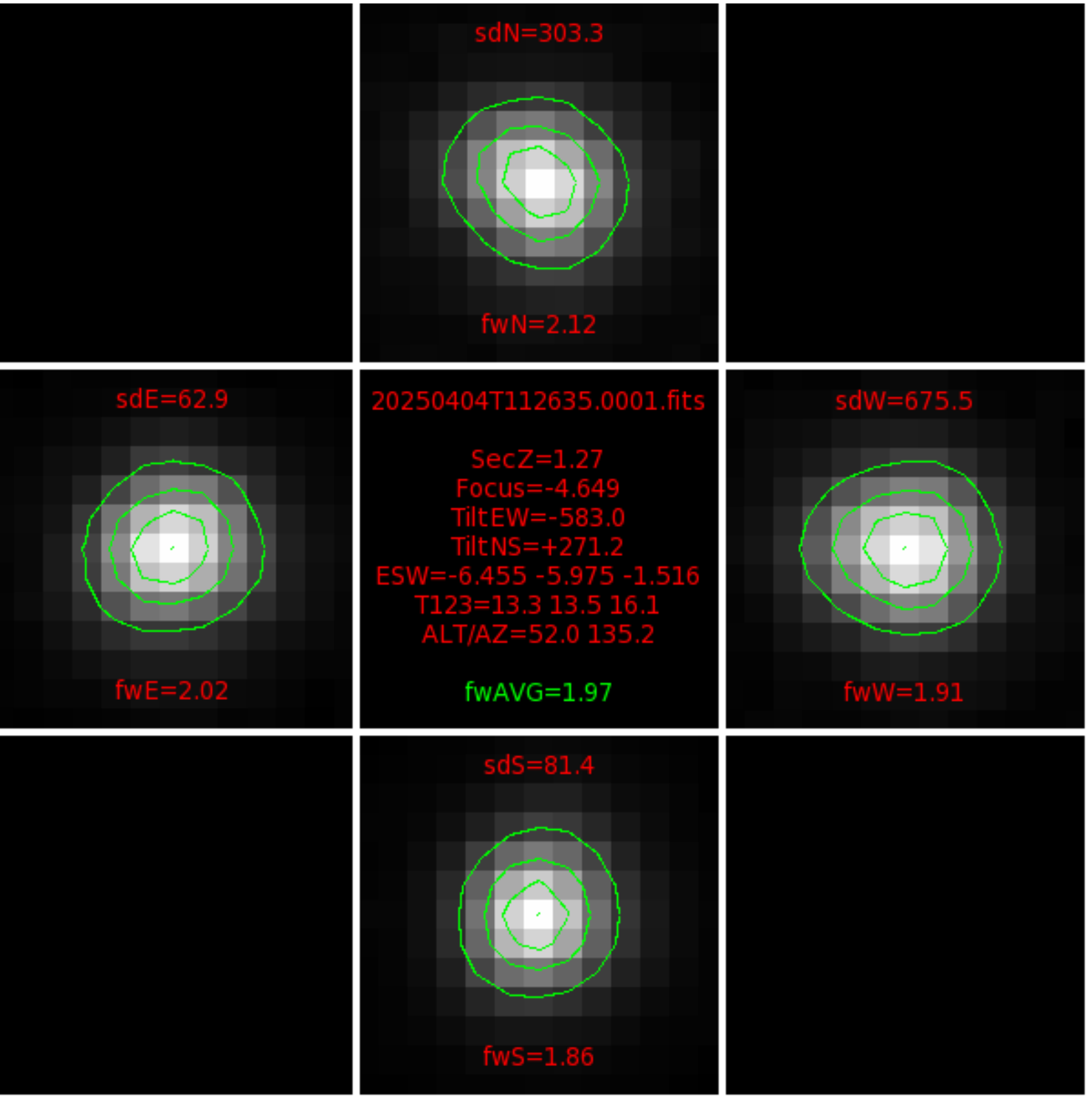
sdN=303.3
fwN=2.12
sdE=62.9
fwE=2.02
20250404T112635.0001.fits
SecZ=1.27
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.5 16.1
ALT/AZ=52.0 135.2
fwAVG=1.97
sdW=675.5
fwW=1.91
sdS=81.4
fwS=1.86
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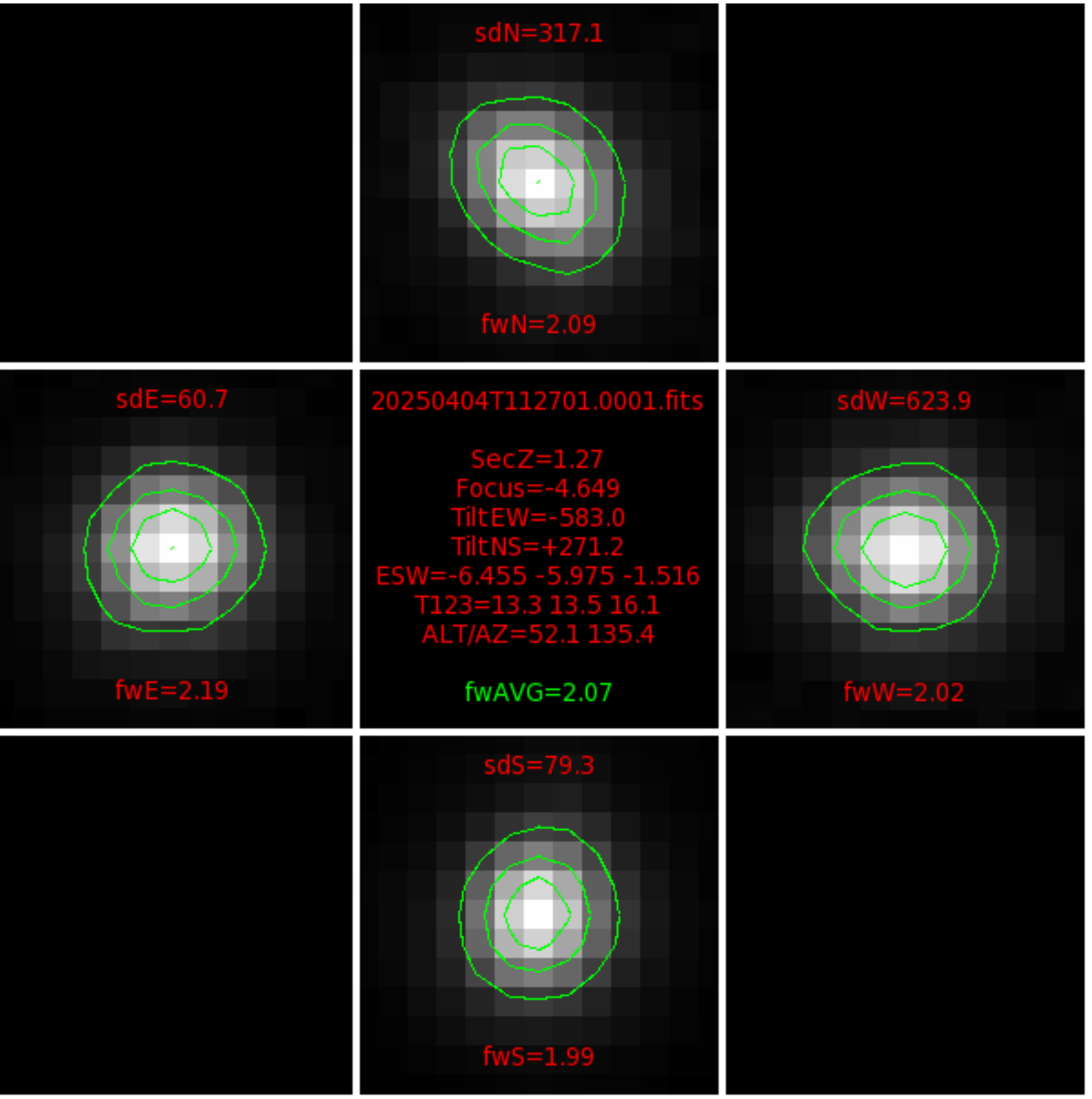
sdN=317.1
fwN=2.09
sdE=60.7
fwE=2.19
20250404T112701.0001.fits
SecZ=1.27
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.5 16.1
ALT/AZ=52.1 135.4
fwAVG=2.07
sdW=623.9
fwW=2.02
sdS=79.3
fwS=1.99
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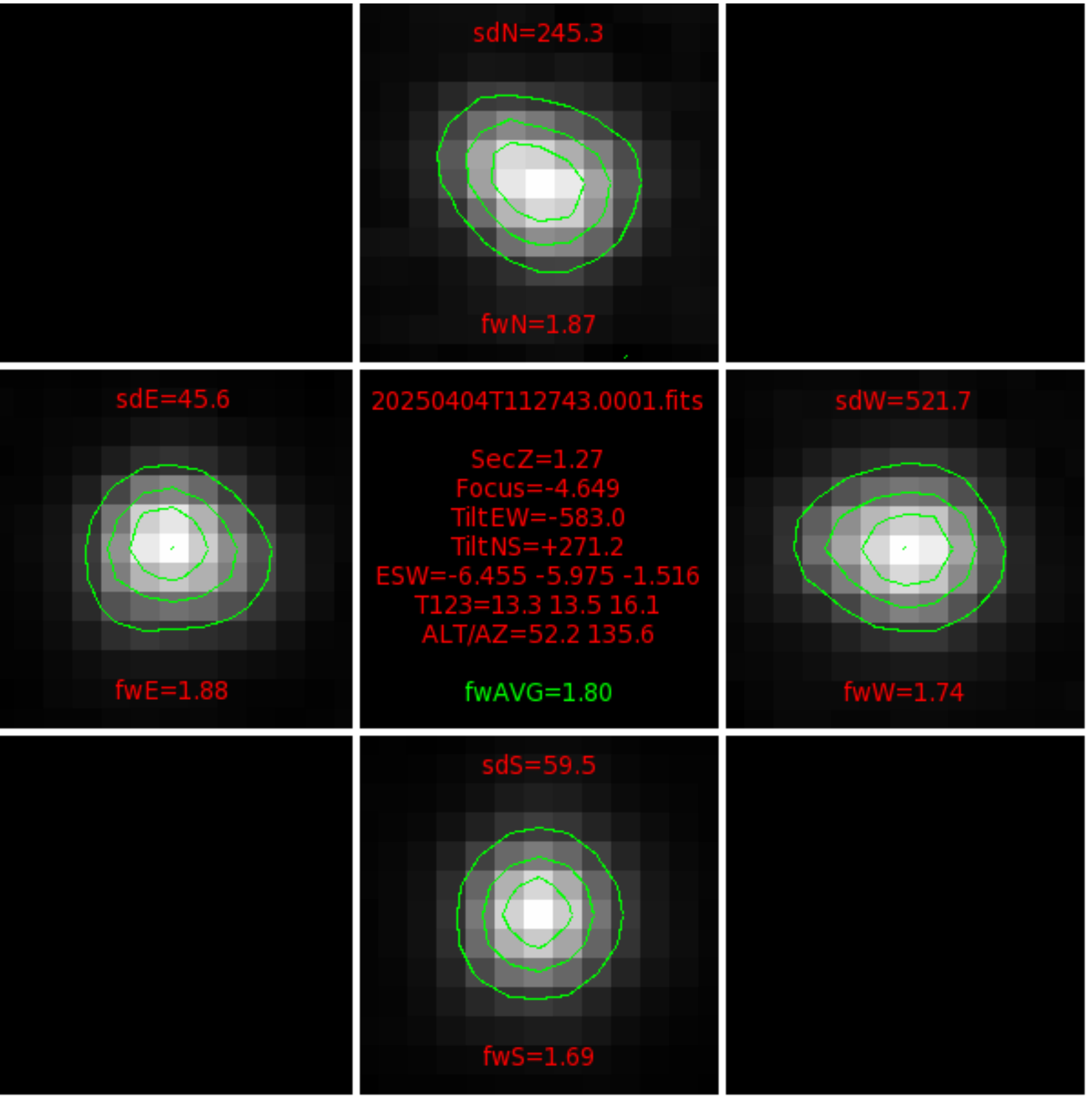
sdN=245.3
fwN=1.87
sdE=45.6
fwE=1.88
20250404T112743.0001.fits
SecZ=1.27
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.5 16.1
ALT/AZ=52.2 135.6
fwAVG=1.80
sdW=521.7
fwW=1.74
sdS=59.5
fwS=1.69
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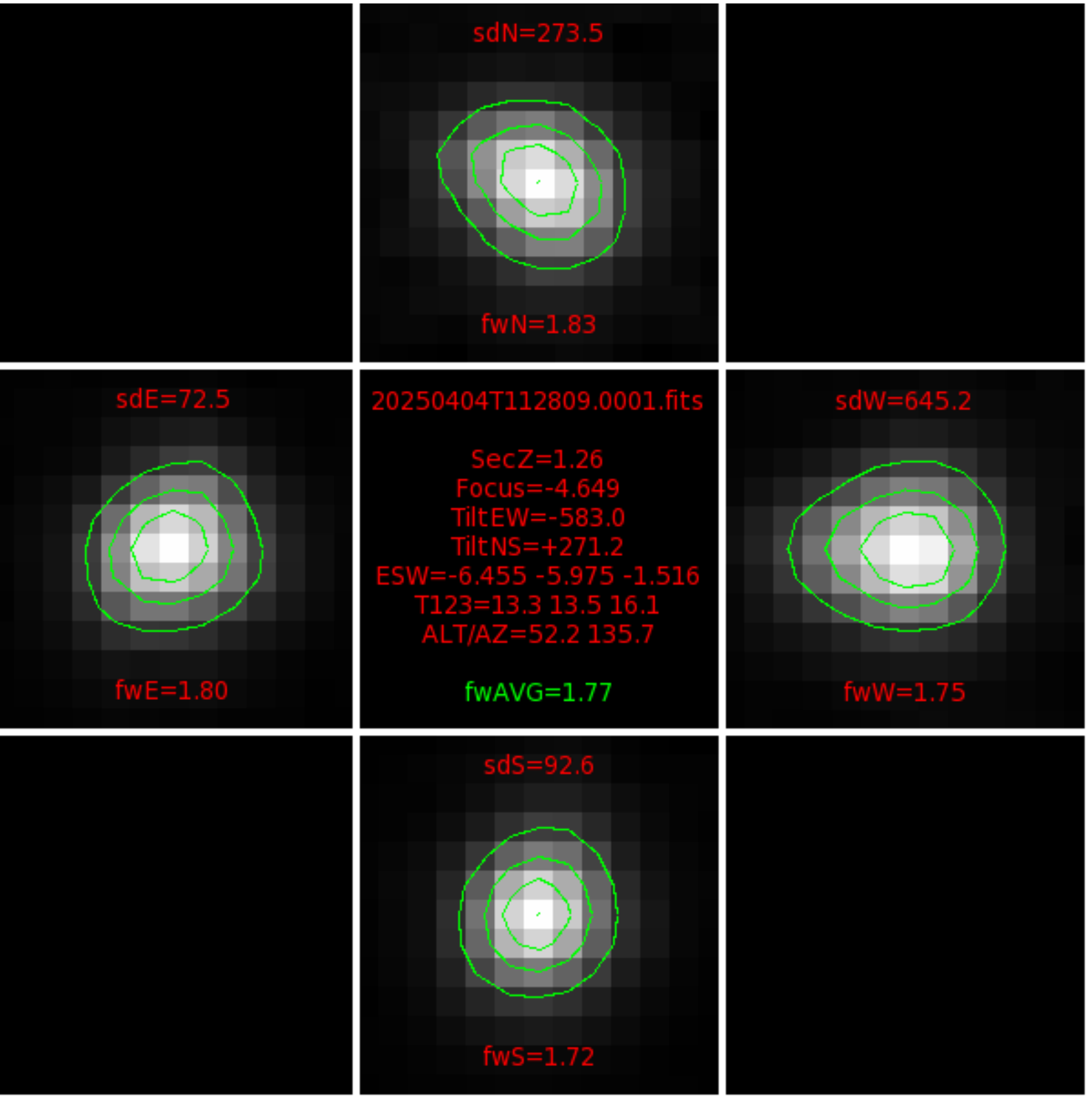
sdN=273.5
fwN=1.83
sdE=72.5
fwE=1.80
20250404T112809.0001.fits
SecZ=1.26
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.5 16.1
ALT/AZ=52.2 135.7
fwAVG=1.77
sdW=645.2
fwW=1.75
sdS=92.6
fwS=1.72
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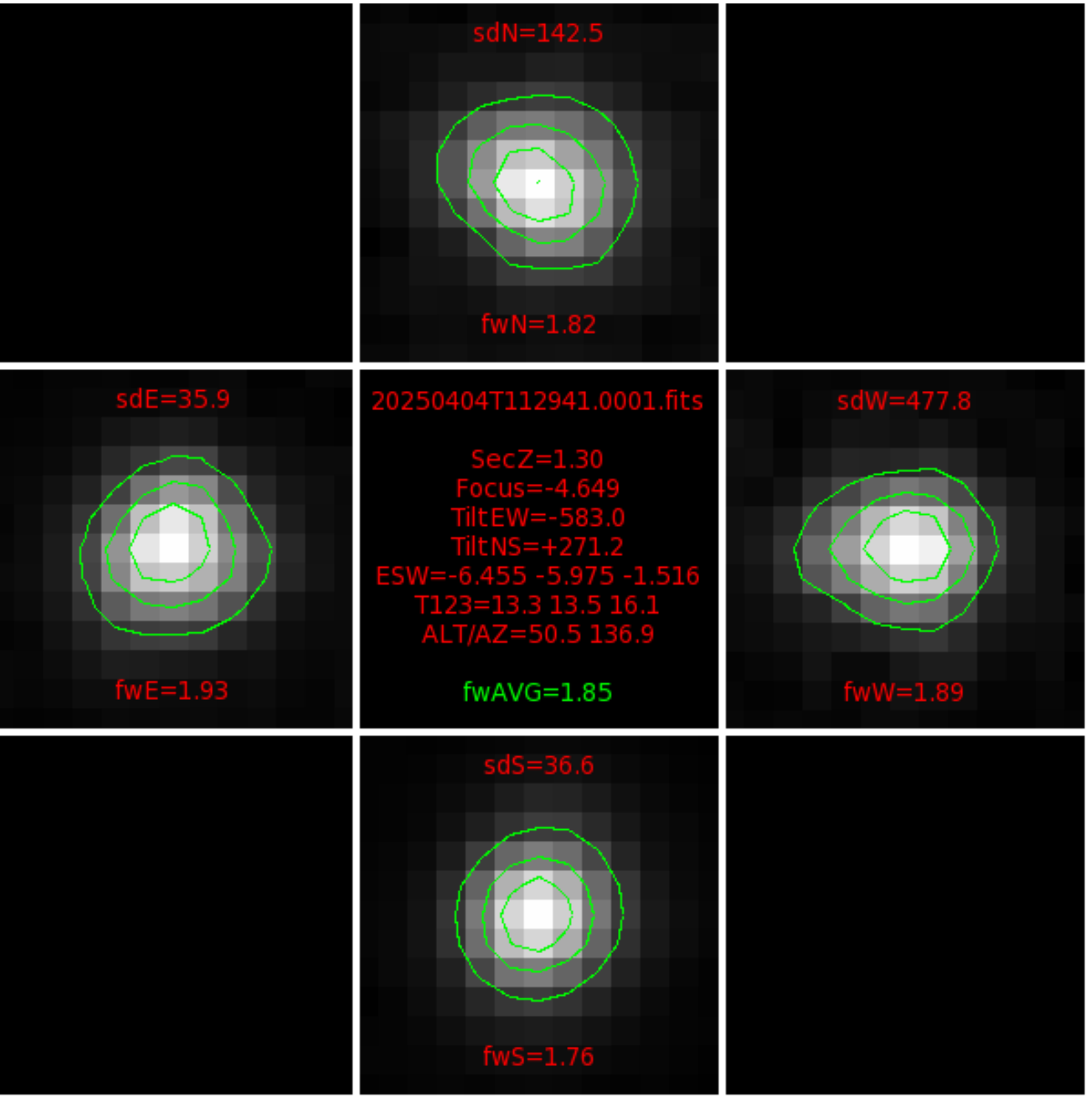
sdN=142.5
fwN=1.82
sdE=35.9
fwE=1.93
20250404T112941.0001.fits
SecZ=1.30
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.5 16.1
ALT/AZ=50.5 136.9
fwAVG=1.85
sdW=477.8
fwW=1.89
sdS=36.6
fwS=1.76
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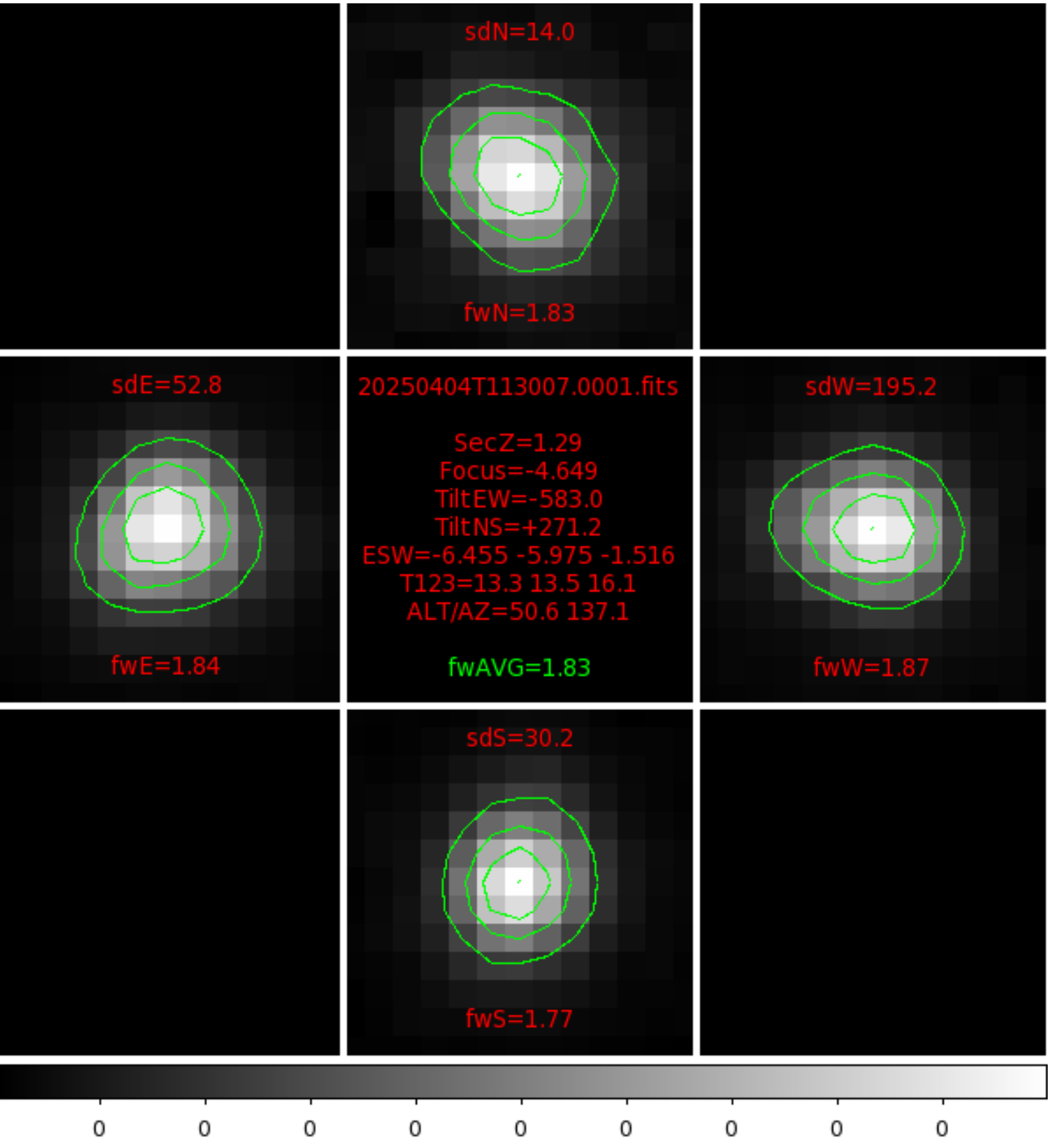
sdN=14.0
fwN=1.83
sdE=52.8
fwE=1.84
20250404T113007.0001.fits
SecZ=1.29
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.5 16.1
ALT/AZ=50.6 137.1
fwAVG=1.83
sdW=195.2
fwW=1.87
sdS=30.2
fwS=1.77
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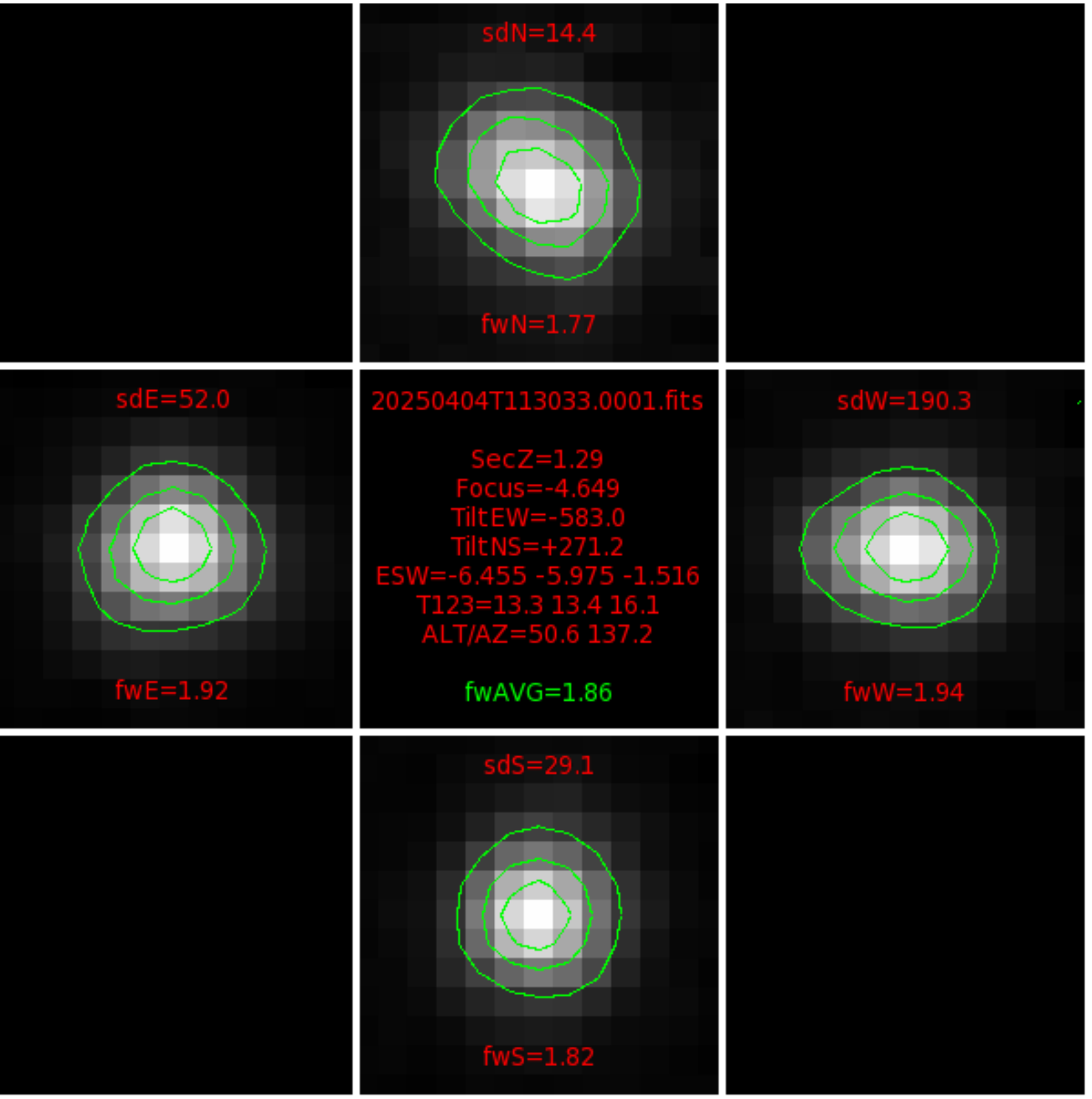
sdN=14.4
fwN=1.77
sdE=52.0
fwE=1.92
20250404T113033.0001.fits
SecZ=1.29
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.4 16.1
ALT/AZ=50.6 137.2
fwAVG=1.86
sdW=190.3
fwW=1.94
sdS=29.1
fwS=1.82
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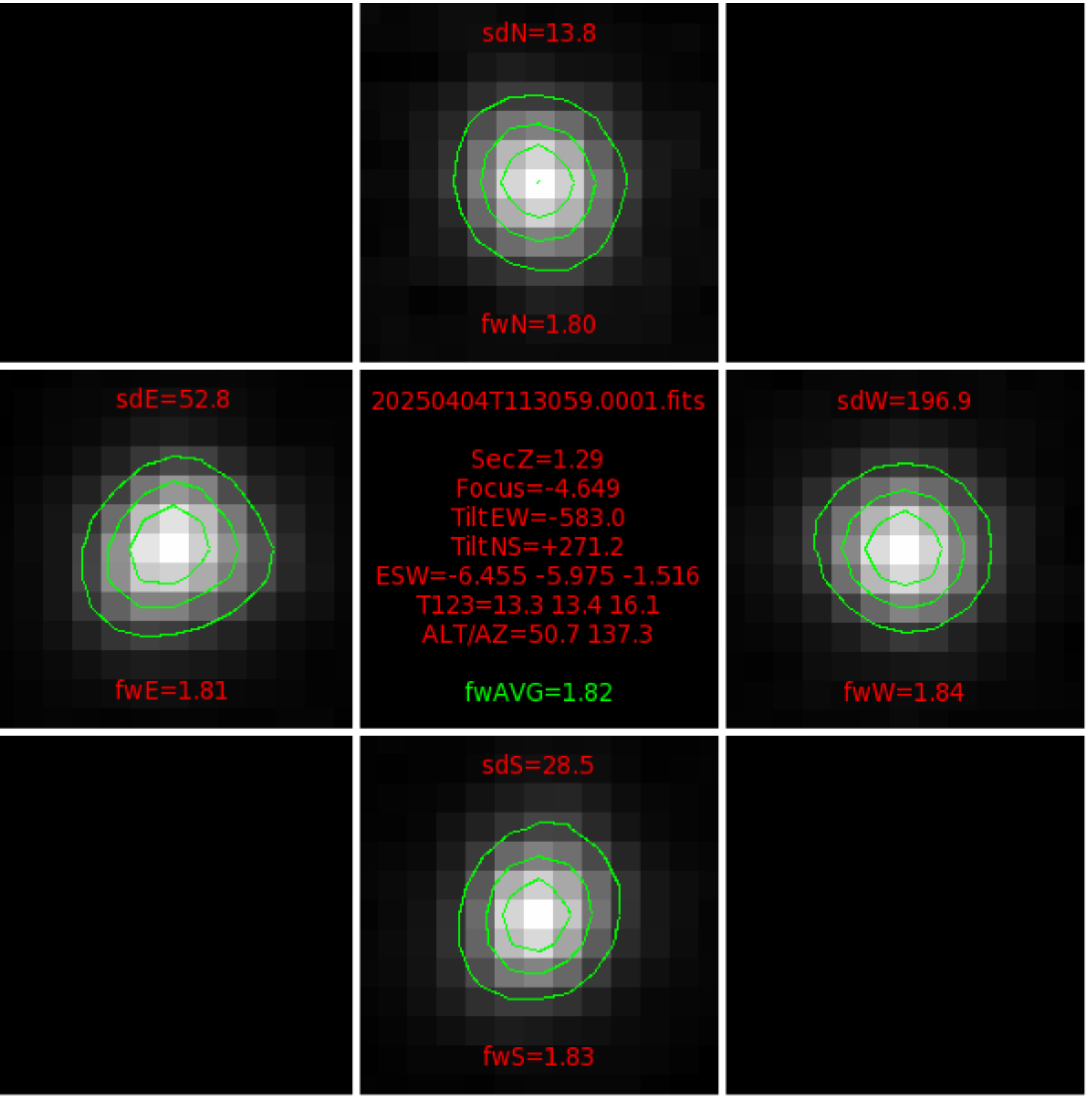
sdN=13.8
fwN=1.80
sdE=52.8
fwE=1.81
20250404T113059.0001.fits
SecZ=1.29
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.4 16.1
ALT/AZ=50.7 137.3
fwAVG=1.82
sdW=196.9
fwW=1.84
sdS=28.5
fwS=1.83
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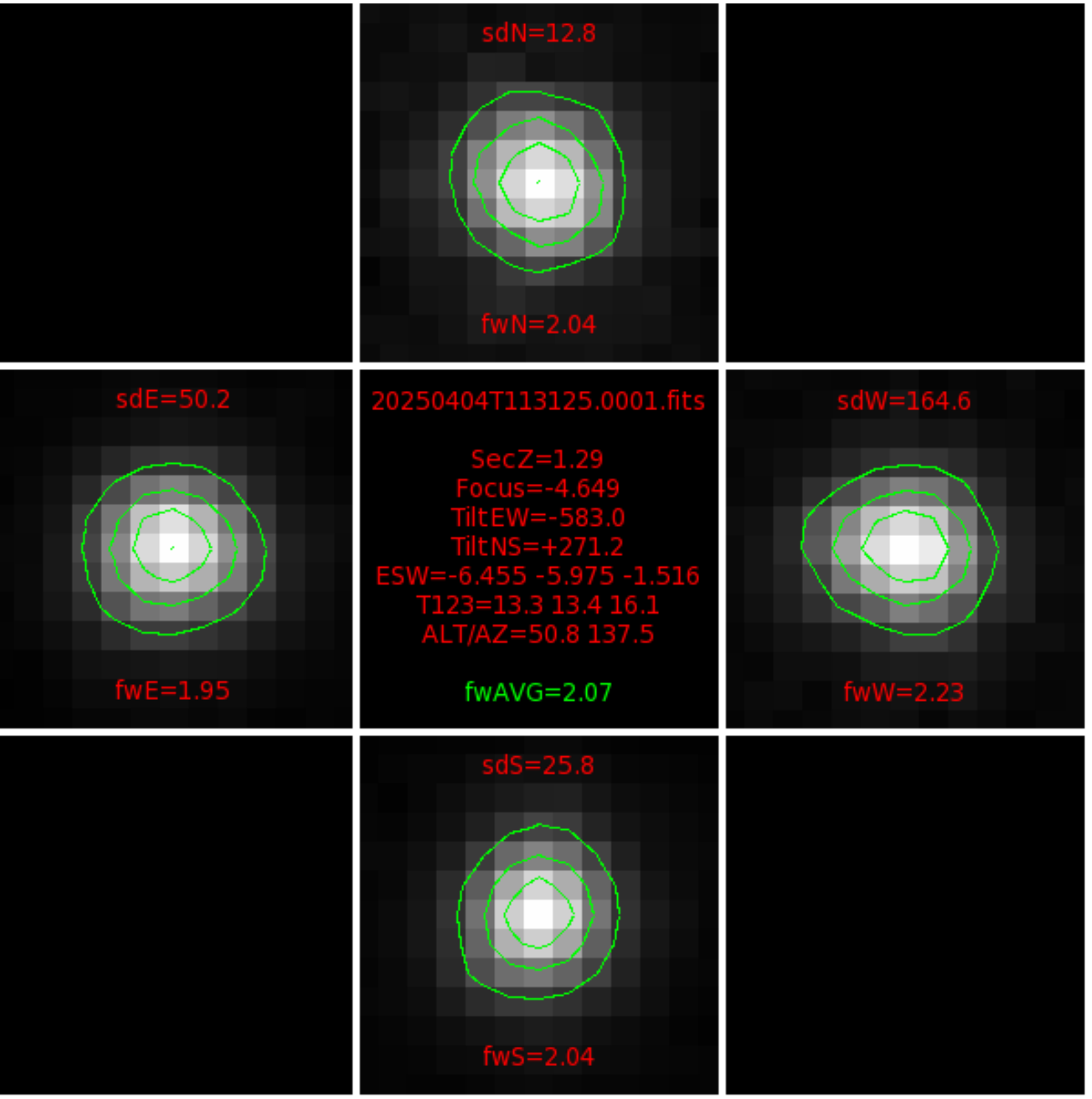
sdN=12.8
fwN=2.04
sdE=50.2
fwE=1.95
20250404T113125.0001.fits
SecZ=1.29
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.4 16.1
ALT/AZ=50.8 137.5
fwAVG=2.07
sdW=164.6
fwW=2.23
sdS=25.8
fwS=2.04
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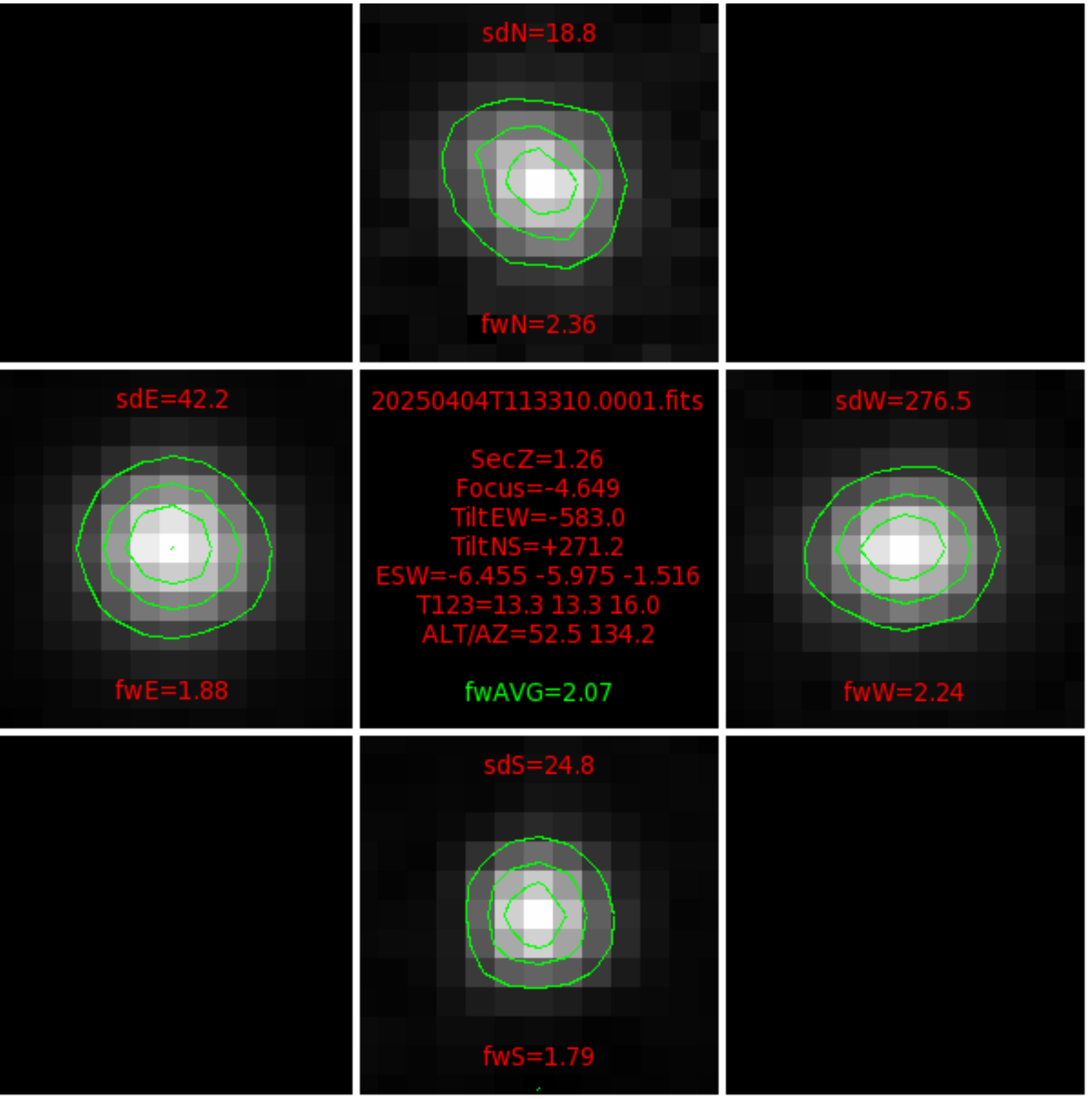
sdN=18.8
fwN=2.36
sdE=42.2
fwE=1.88
20250404T113310.0001.fits
SecZ=1.26
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.3 16.0
ALT/AZ=52.5 134.2
fwAVG=2.07
sdW=276.5
fwW=2.24
sdS=24.8
fwS=1.79
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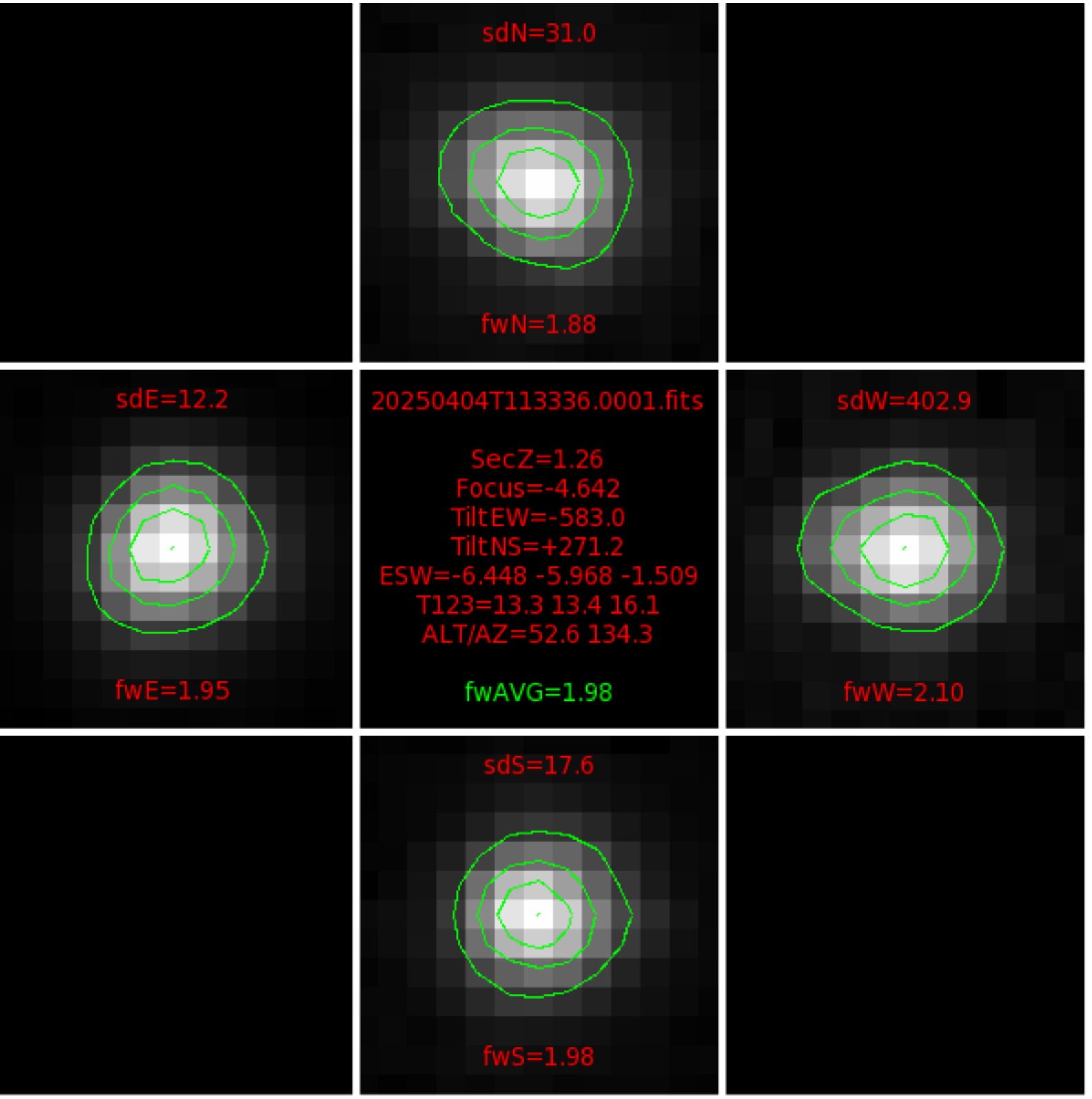
sdN=31.0
fwN=1.88
sdE=12.2
fwE=1.95
20250404T113336.0001.fits
SecZ=1.26
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.3 13.4 16.1
ALT/AZ=52.6 134.3
fwAVG=1.98
sdW=402.9
fwW=2.10
sdS=17.6
fwS=1.98
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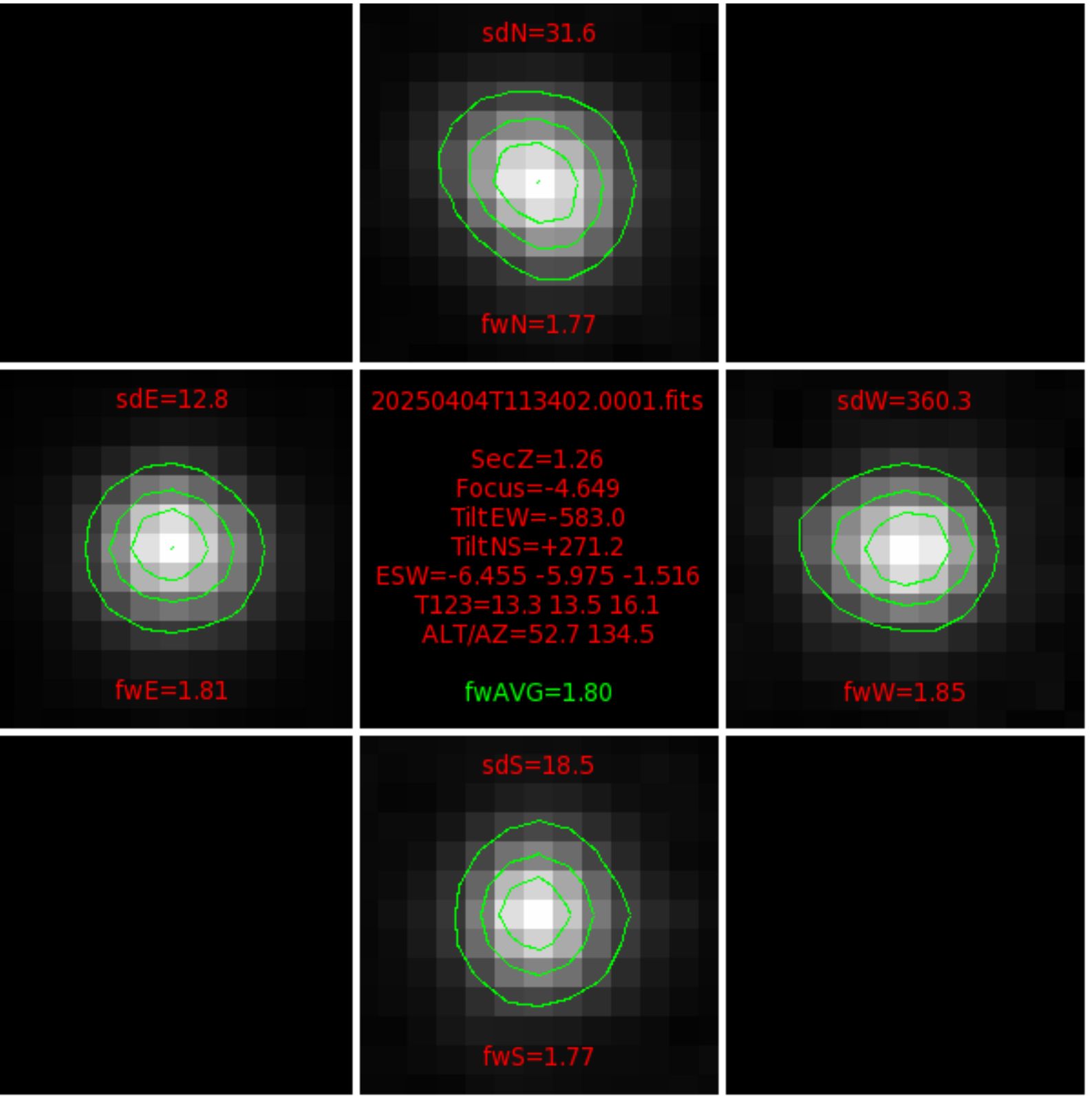
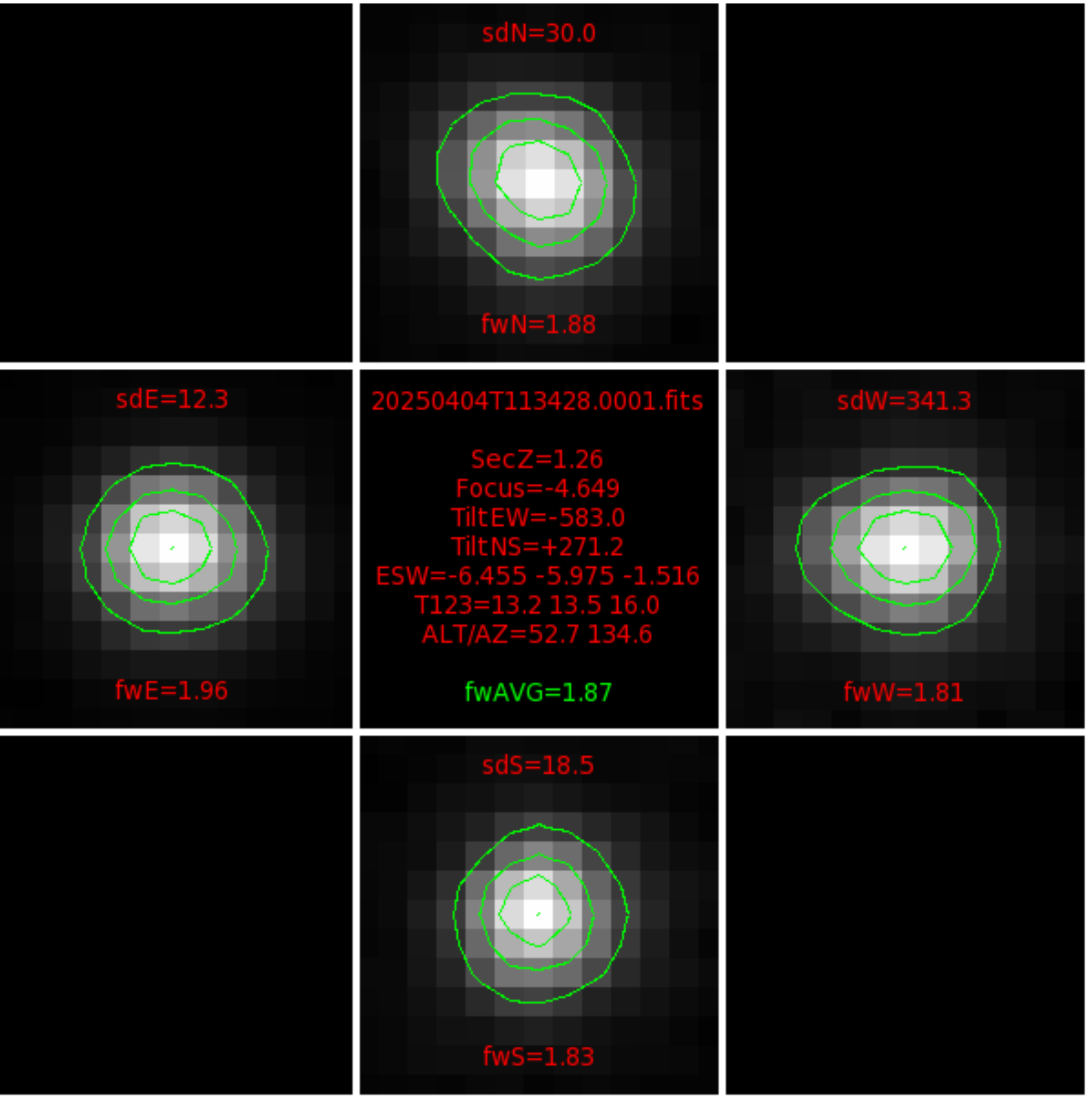
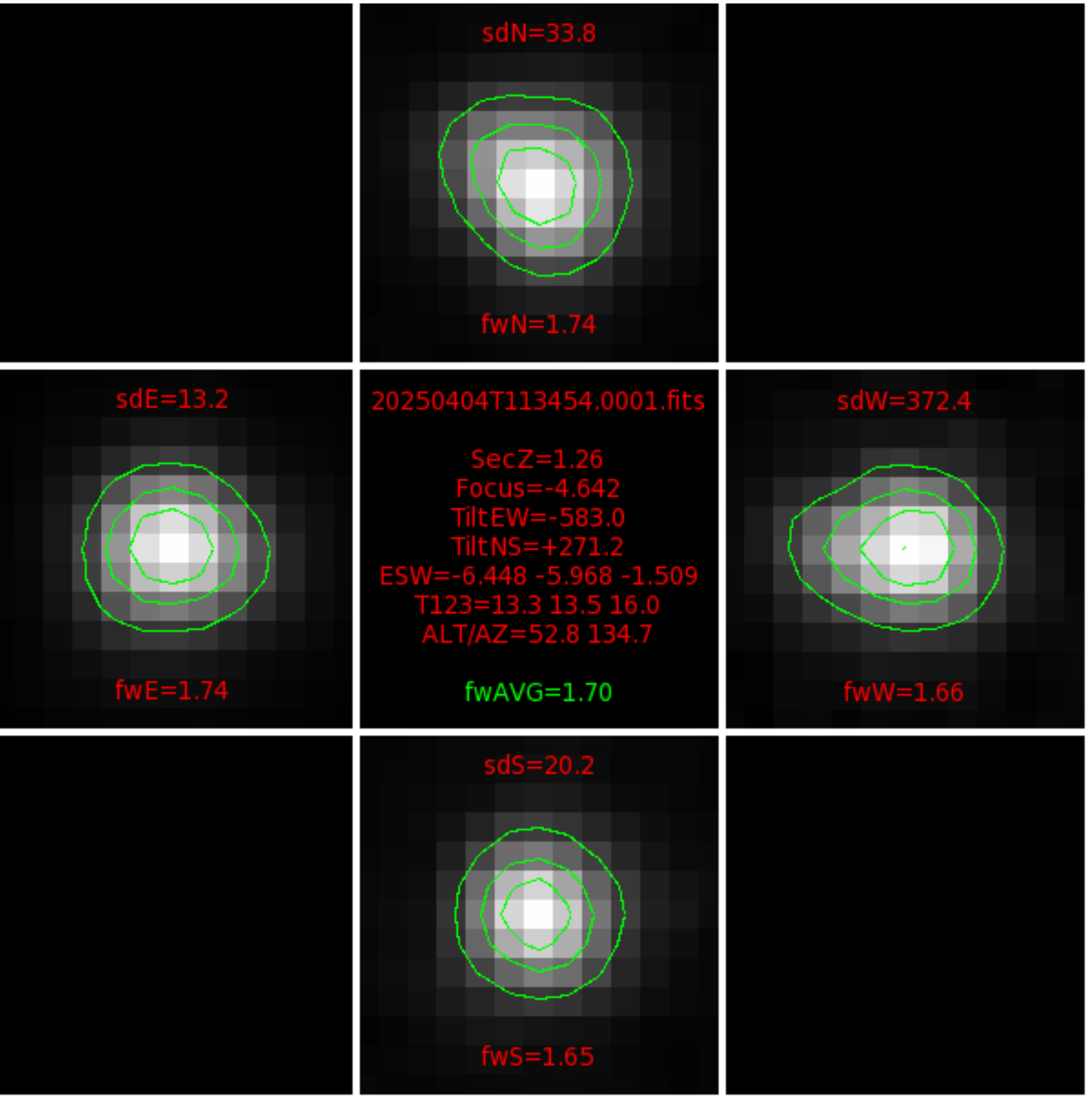

sdN=31.6
fwN=1.77
sdE=12.8
fwE=1.81
20250404T113402.0001.fits
SecZ=1.26
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.3 13.5 16.1
ALT/AZ=52.7 134.5
fwAVG=1.80
sdW=360.3
fwW=1.85
sdS=18.5
fwS=1.77
0 0 0 0 0 0 0 0 0


sdN=30.0
fwN=1.88
sdE=12.3
fwE=1.96
20250404T113428.0001.fits
SecZ=1.26
Focus=-4.649
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.455 -5.975 -1.516
T123=13.2 13.5 16.0
ALT/AZ=52.7 134.6
fwAVG=1.87
sdW=341.3
fwW=1.81
sdS=18.5
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=33.8
fwN=1.74
sdE=13.2
fwE=1.74
20250404T113454.0001.fits
SecZ=1.26
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.3 13.5 16.0
ALT/AZ=52.8 134.7
fwAVG=1.70
sdW=372.4
fwW=1.66
sdS=20.2
fwS=1.65
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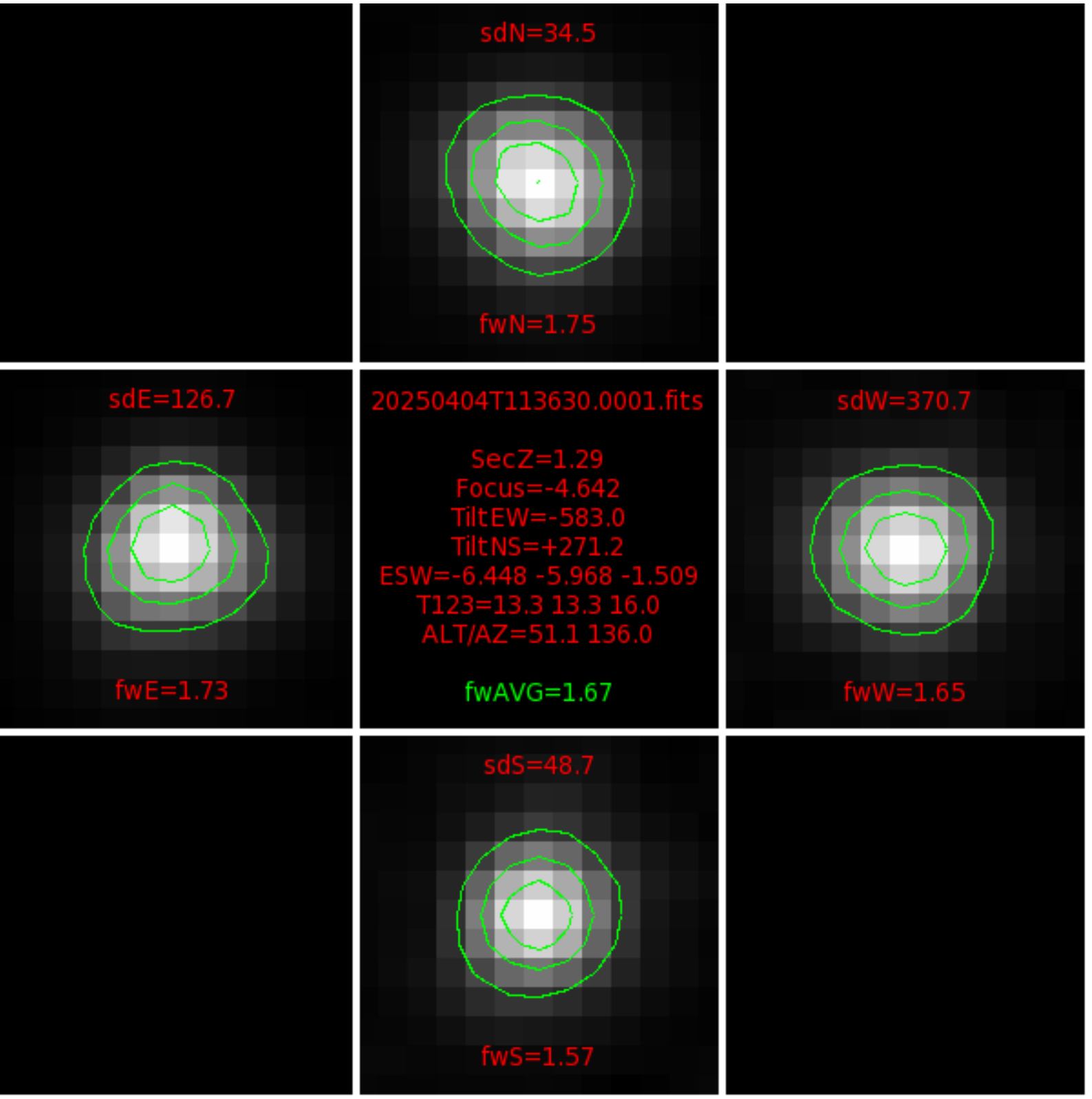
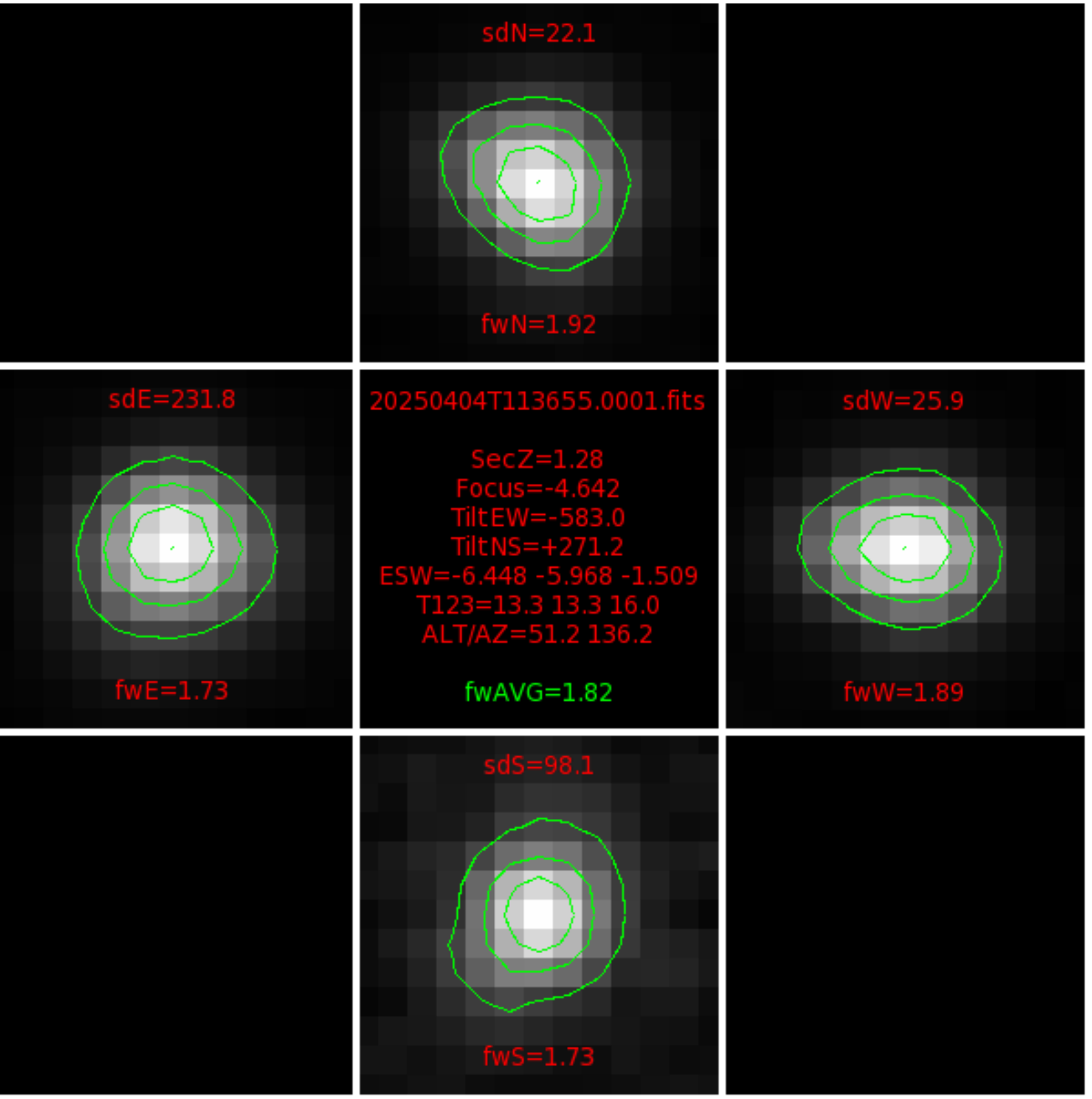
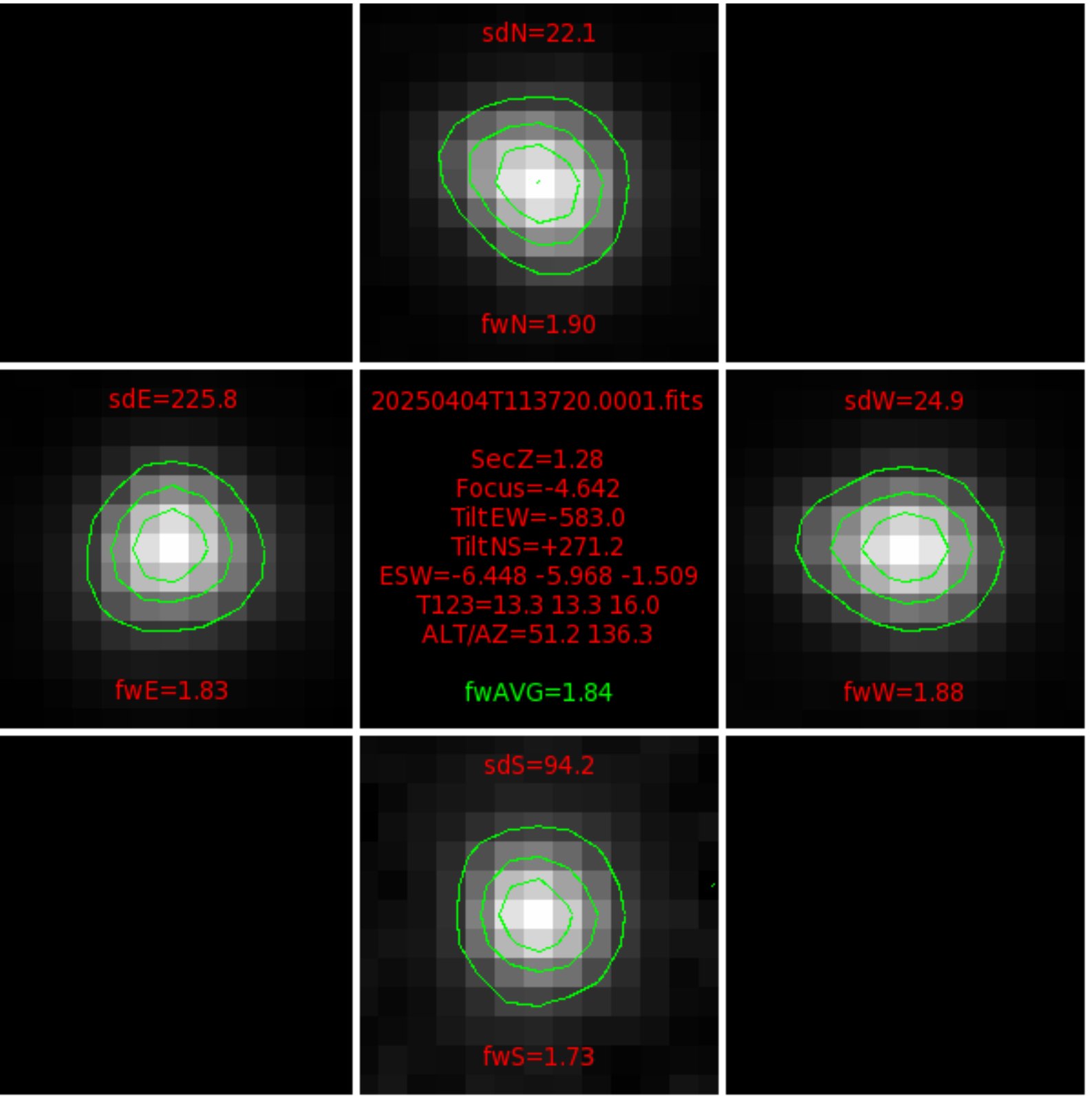
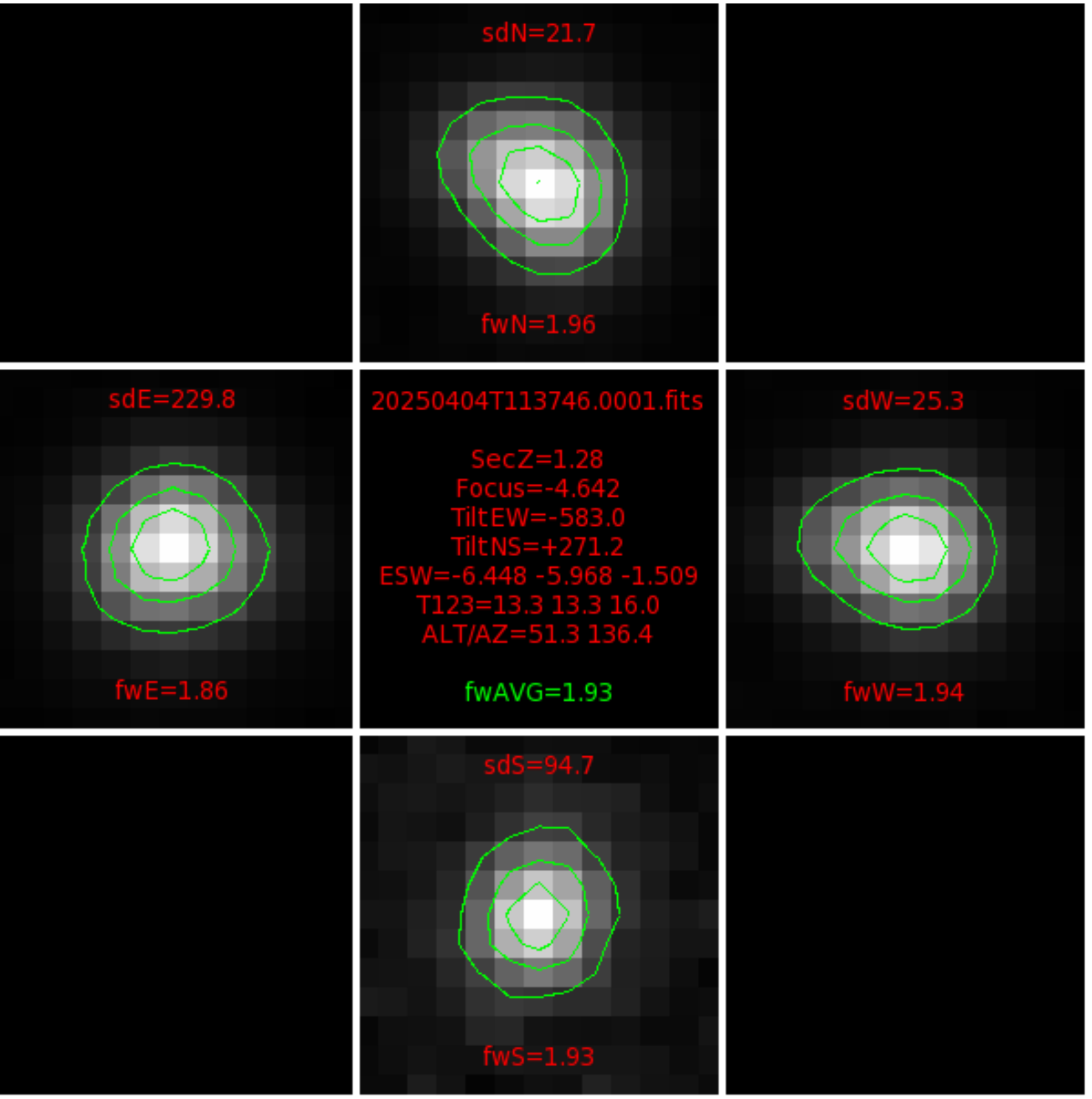

sdN=34.5
fwN=1.75
sdE=126.7
fwE=1.73
20250404T113630.0001.fits
SecZ=1.29
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.3 13.3 16.0
ALT/AZ=51.1 136.0
fwAVG=1.67
sdW=370.7
fwW=1.65
sdS=48.7
fwS=1.57
0 0 0 0 0 0 0 0 0


sdN=22.1
fwN=1.92
sdE=231.8
fwE=1.73
20250404T113655.0001.fits
SecZ=1.28
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.3 13.3 16.0
ALT/AZ=51.2 136.2
fwAVG=1.82
sdW=25.9
fwW=1.89
sdS=98.1
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=22.1
fwN=1.90
sdE=225.8
fwE=1.83
20250404T113720.0001.fits
SecZ=1.28
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.3 13.3 16.0
ALT/AZ=51.2 136.3
fwAVG=1.84
sdW=24.9
fwW=1.88
sdS=94.2
fwS=1.73
0 0 0 0 0 0 0 0 0


sdN=21.7
fwN=1.96
sdE=229.8
fwE=1.86
20250404T113746.0001.fits
SecZ=1.28
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.3 13.3 16.0
ALT/AZ=51.3 136.4
fwAVG=1.93
sdW=25.3
fwW=1.94
sdS=94.7
fwS=1.93
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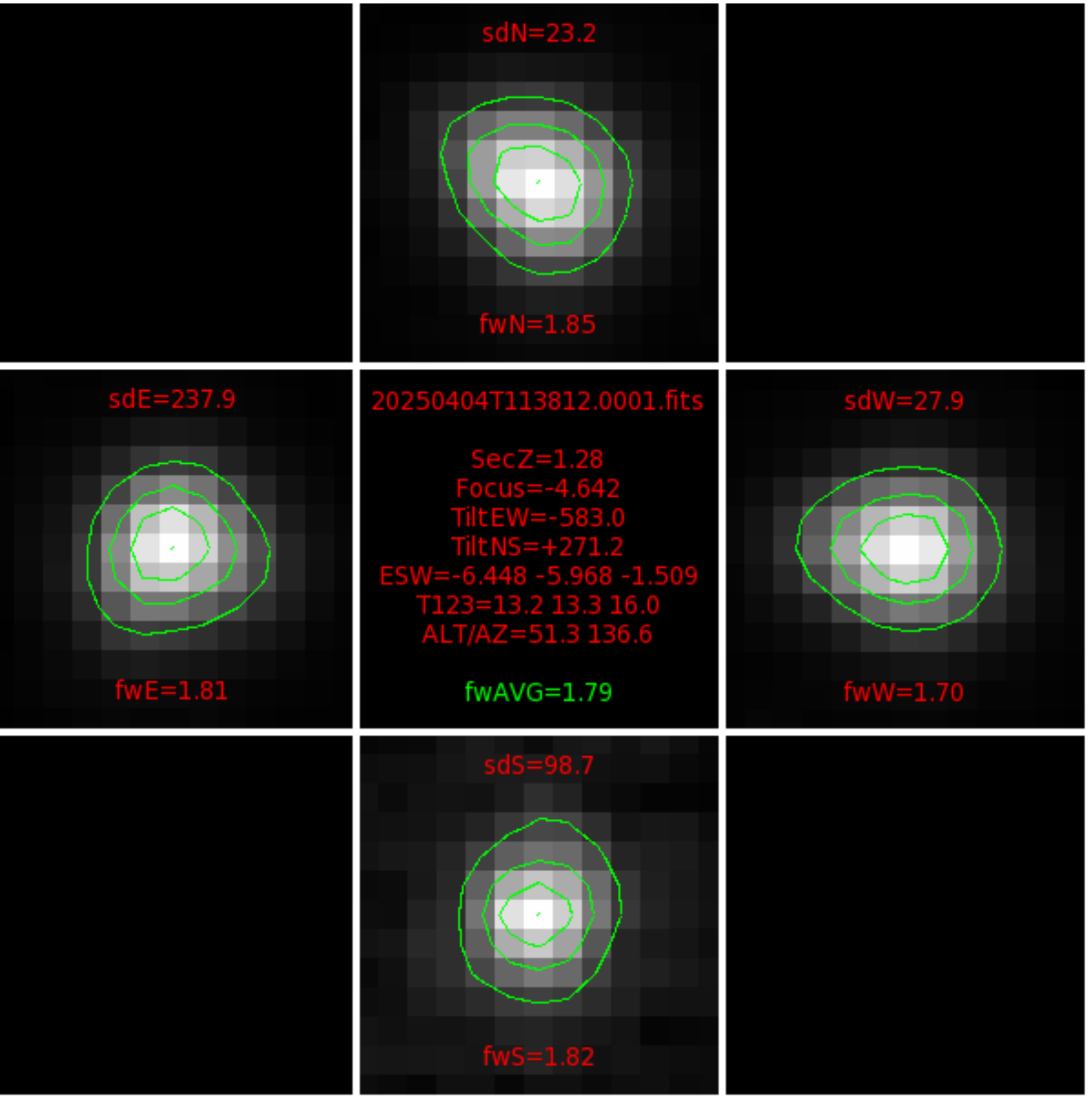
sdN=23.2
fwN=1.85
sdE=237.9
fwE=1.81
20250404T113812.0001.fits
SecZ=1.28
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.2 13.3 16.0
ALT/AZ=51.3 136.6
fwAVG=1.79
sdW=27.9
fwW=1.70
sdS=98.7
fwS=1.82
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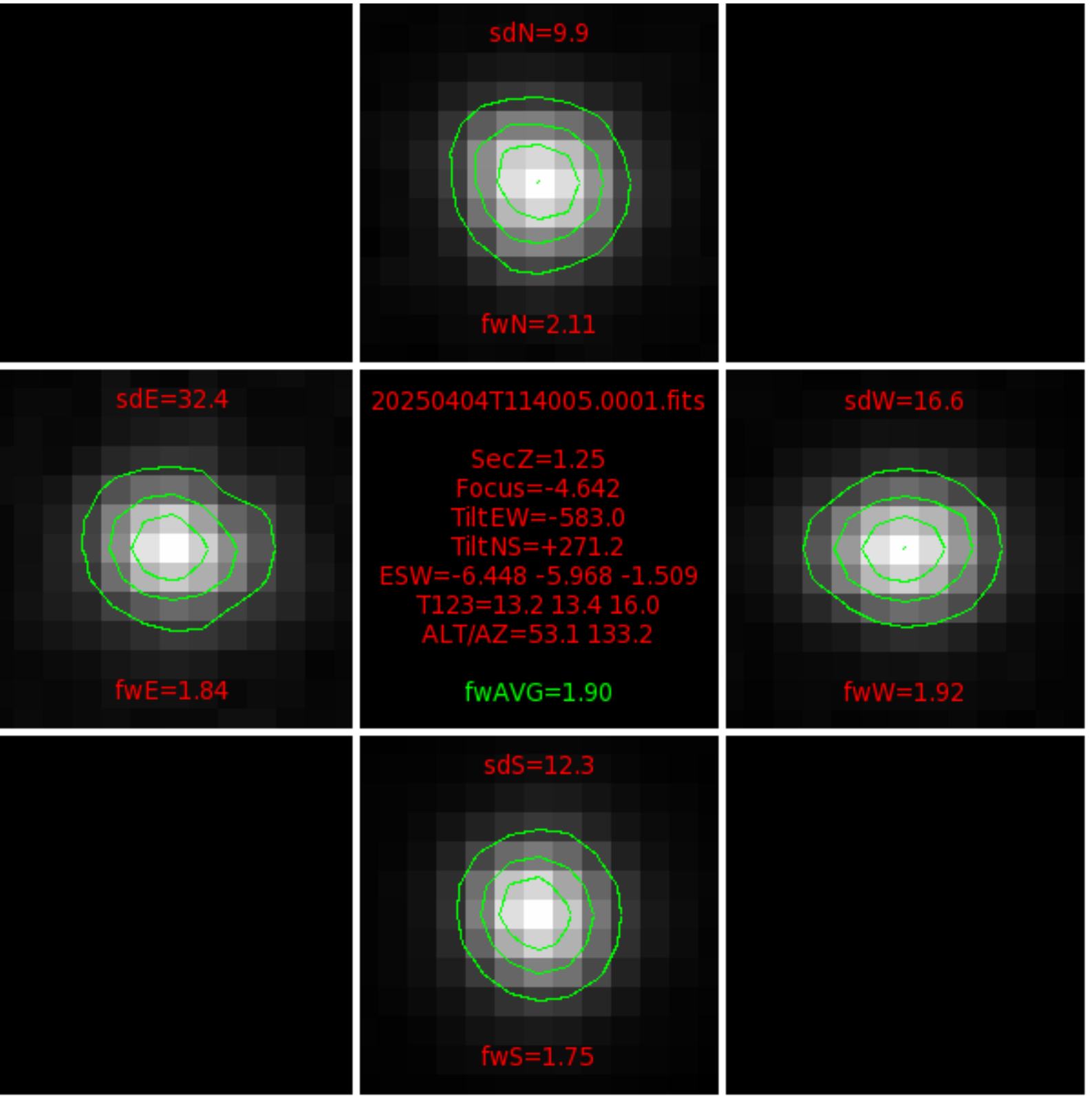
sdN=9.9
fwN=2.11
sdE=32.4
fwE=1.84
20250404T114005.0001.fits
SecZ=1.25
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.2 13.4 16.0
ALT/AZ=53.1 133.2
fwAVG=1.90
sdW=16.6
fwW=1.92
sdS=12.3
fwS=1.75
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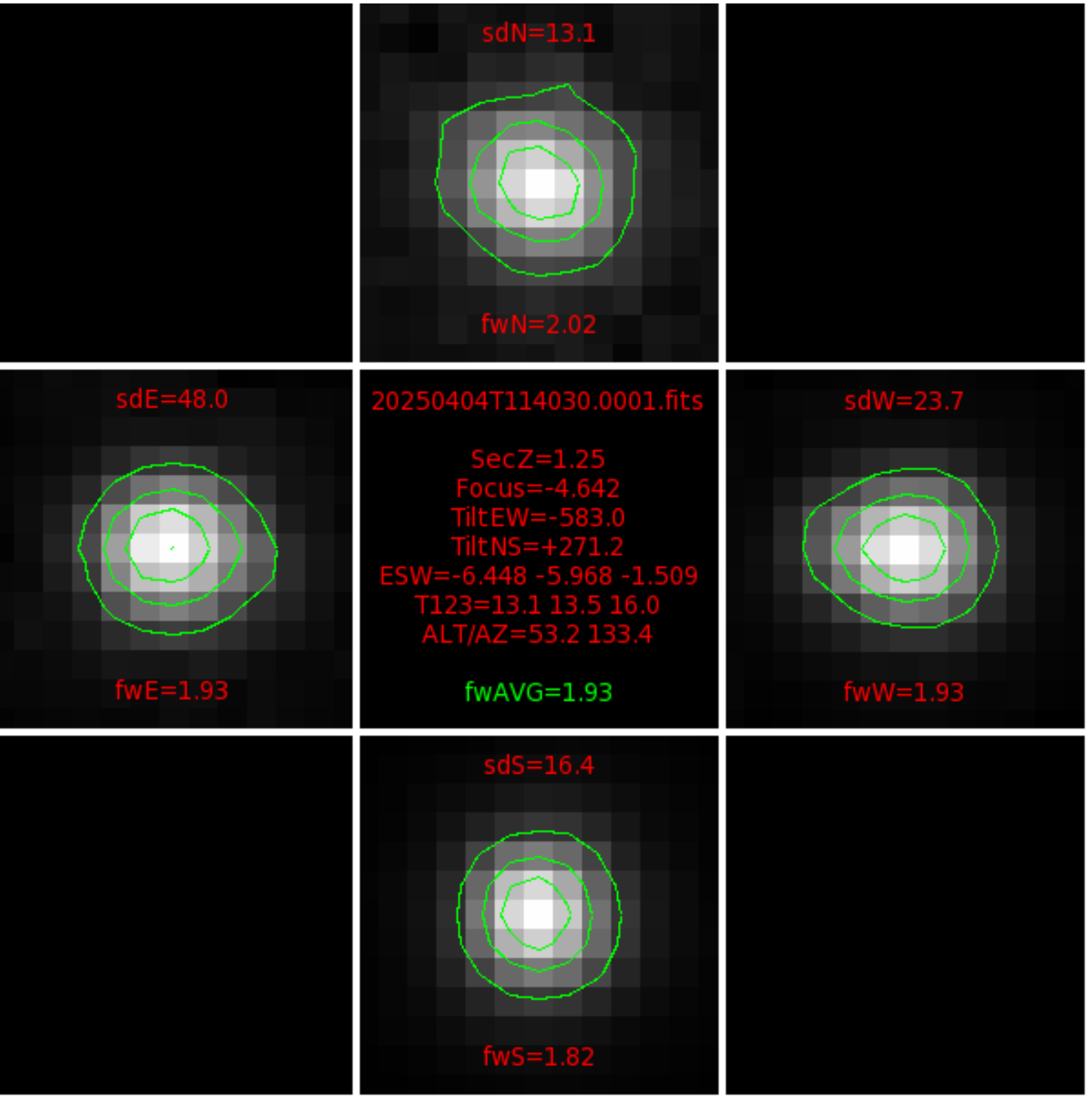
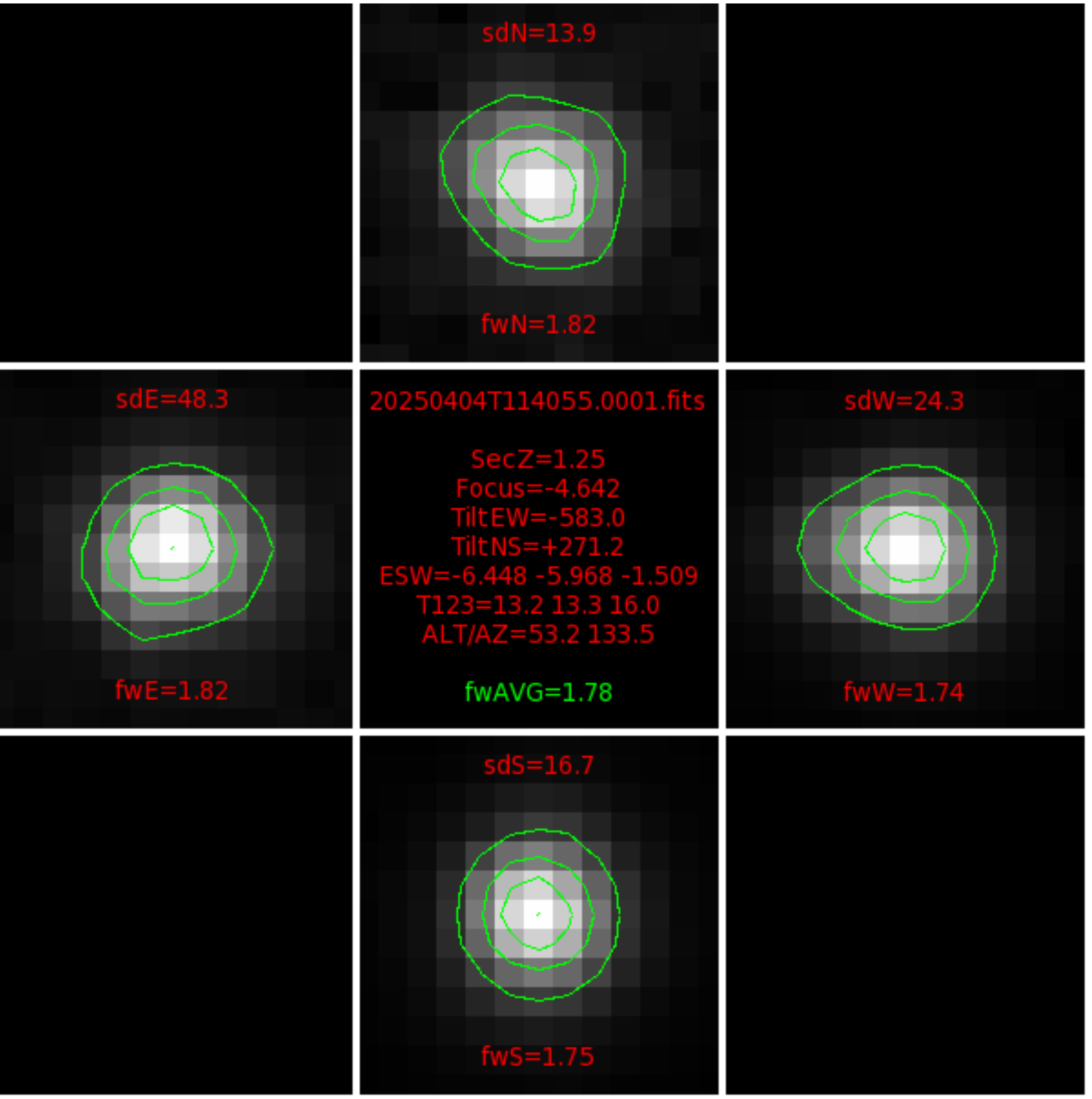

sdN=13.1
fwN=2.02
sdE=48.0
fwE=1.93
20250404T114030.0001.fits
SecZ=1.25
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.1 13.5 16.0
ALT/AZ=53.2 133.4
fwAVG=1.93
sdW=23.7
fwW=1.93
sdS=16.4
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=13.9
fwN=1.82
sdE=48.3
fwE=1.82
20250404T114055.0001.fits
SecZ=1.25
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.2 13.3 16.0
ALT/AZ=53.2 133.5
fwAVG=1.78
sdW=24.3
fwW=1.74
sdS=16.7
fwS=1.75
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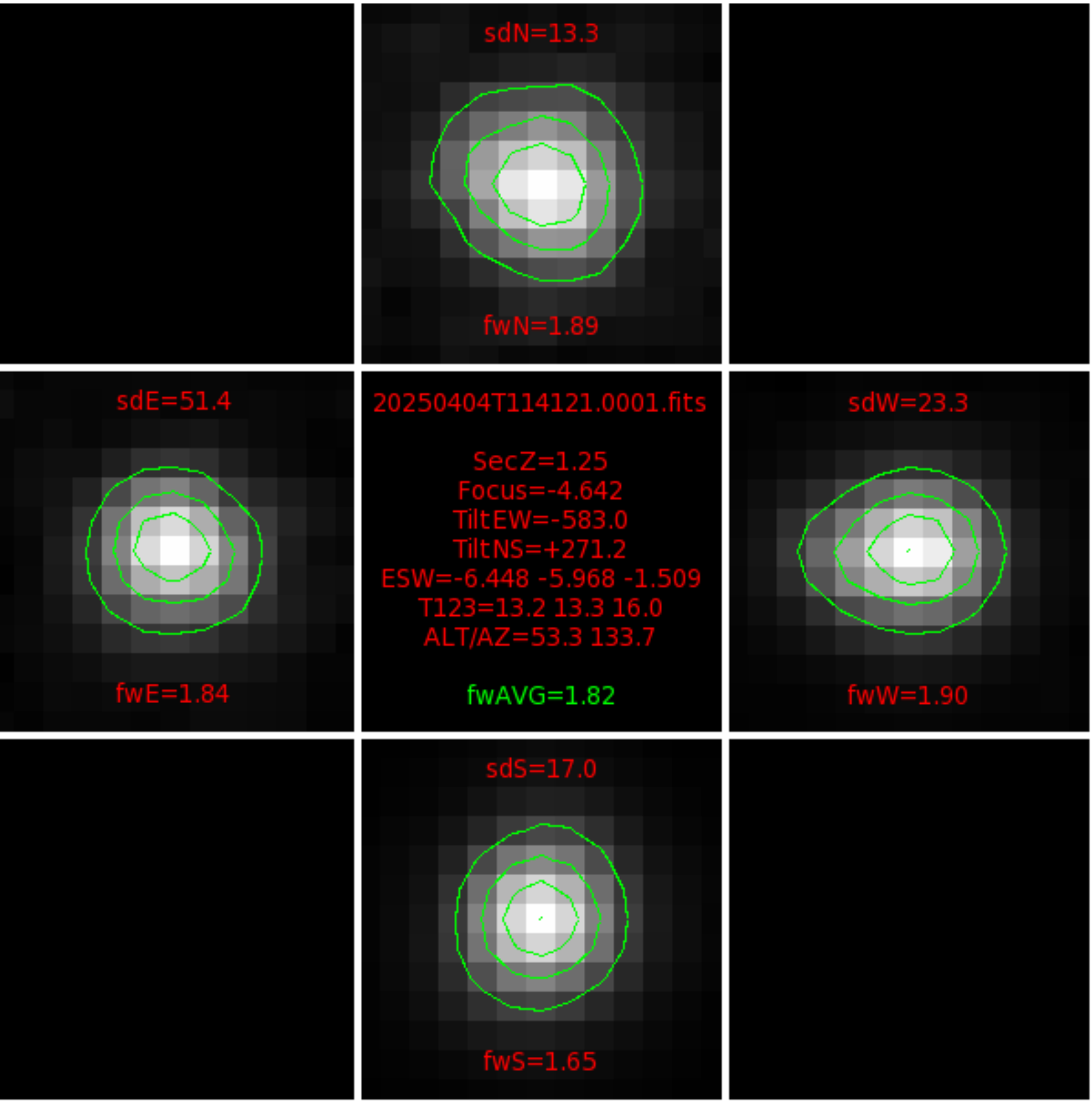
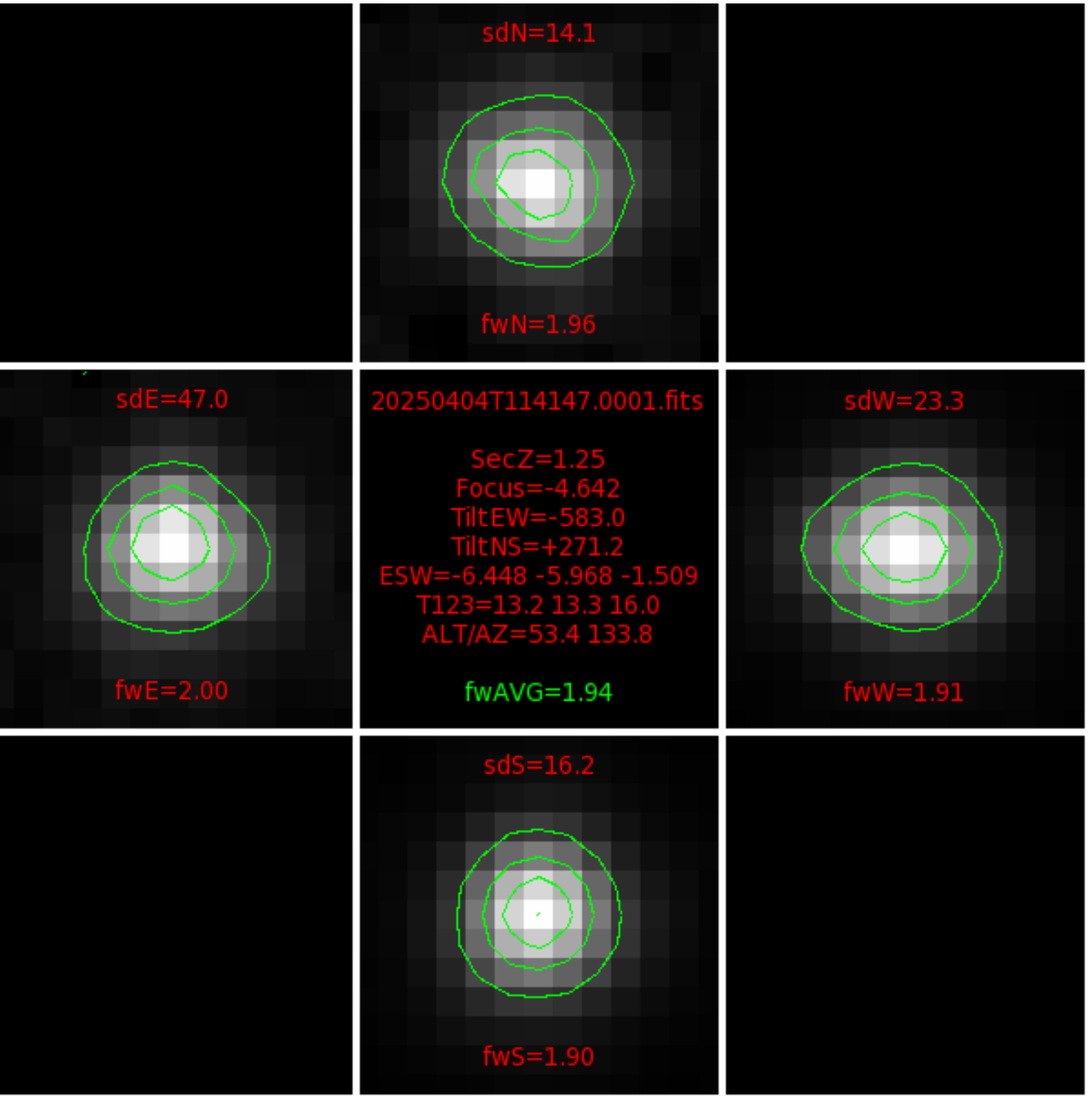
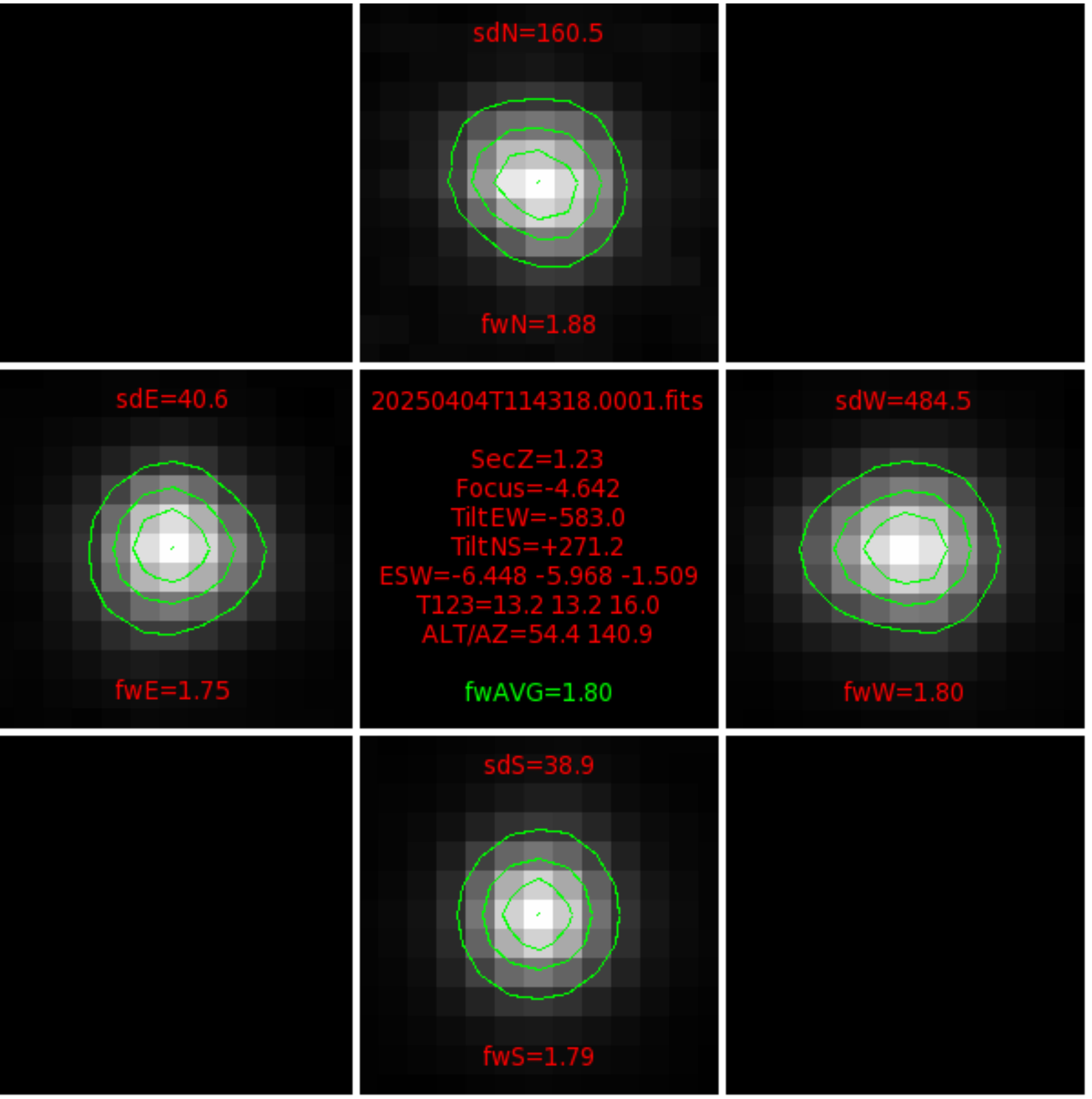
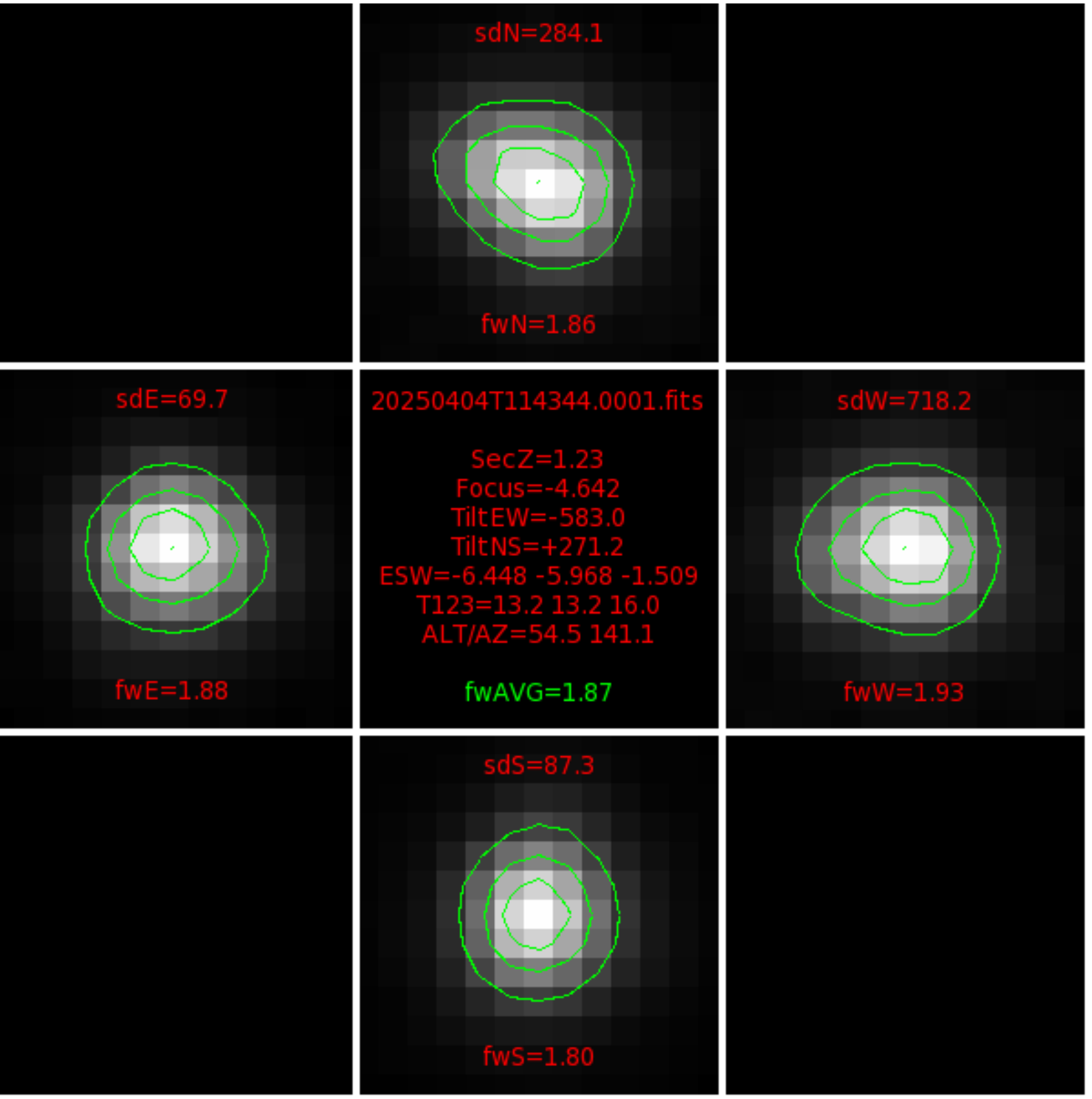

sdN=13.3
fwN=1.89
sdE=51.4
fwE=1.84
20250404T114121.0001.fits
SecZ=1.25
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.2 13.3 16.0
ALT/AZ=53.3 133.7
fwAVG=1.82
sdW=23.3
fwW=1.90
sdS=17.0
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=14.1
fwN=1.96
sdE=47.0
fwE=2.00
20250404T114147.0001.fits
SecZ=1.25
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.2 13.3 16.0
ALT/AZ=53.4 133.8
fwAVG=1.94
sdW=23.3
fwW=1.91
sdS=16.2
fwS=1.90
0 0 0 0 0 0 0 0 0


sdN=160.5
fwN=1.88
sdE=40.6
fwE=1.75
20250404T114318.0001.fits
SecZ=1.23
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.2 13.2 16.0
ALT/AZ=54.4 140.9
fwAVG=1.80
sdW=484.5
fwW=1.80
sdS=38.9
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=284.1
fwN=1.86
sdE=69.7
fwE=1.88
20250404T114344.0001.fits
SecZ=1.23
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.2 13.2 16.0
ALT/AZ=54.5 141.1
fwAVG=1.87
sdW=718.2
fwW=1.93
sdS=87.3
fwS=1.80
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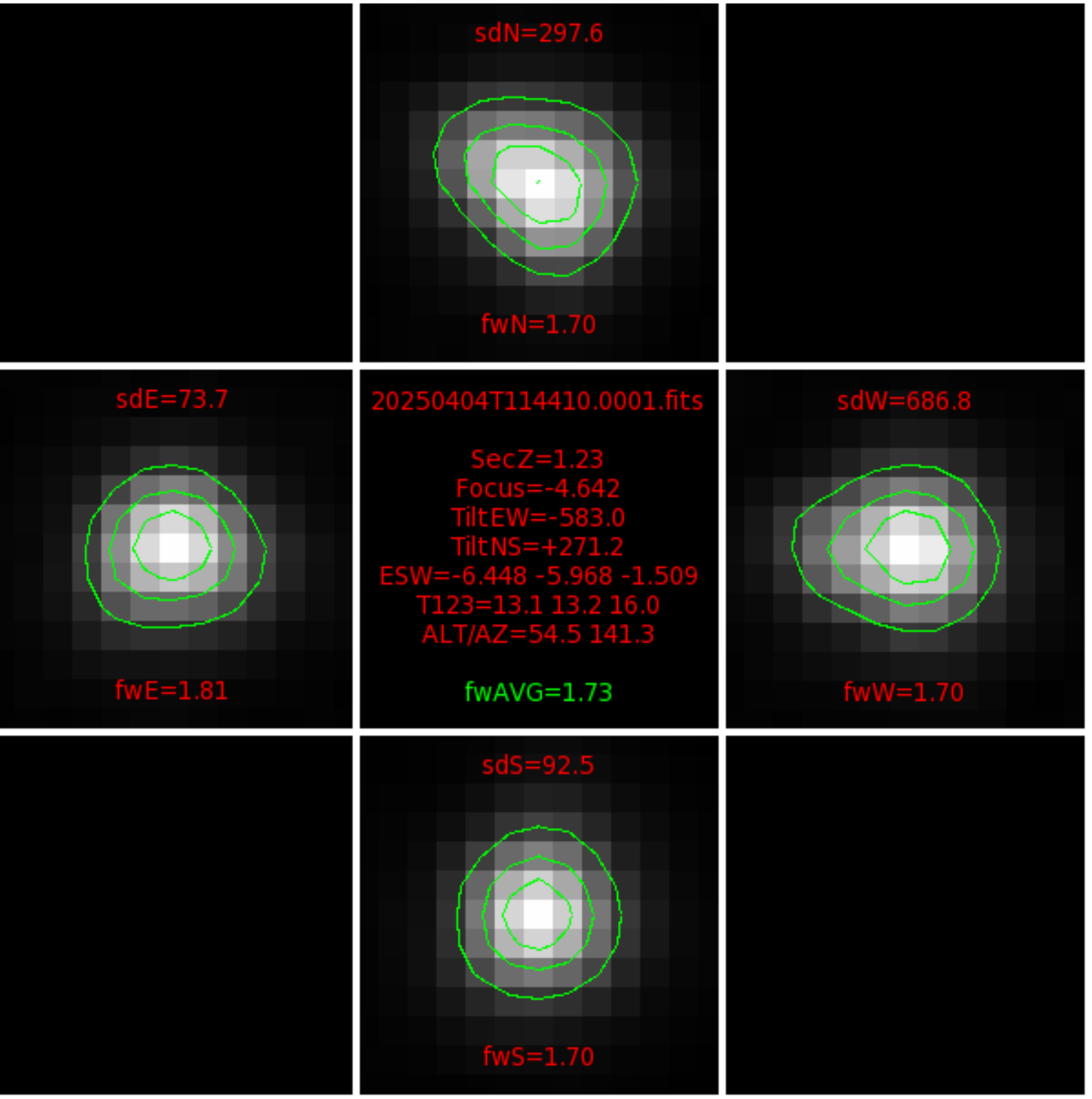
sdN=297.6
fwN=1.70
sdE=73.7
fwE=1.81
20250404T114410.0001.fits
SecZ=1.23
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.1 13.2 16.0
ALT/AZ=54.5 141.3
fwAVG=1.73
sdW=686.8
fwW=1.70
sdS=92.5
fwS=1.70
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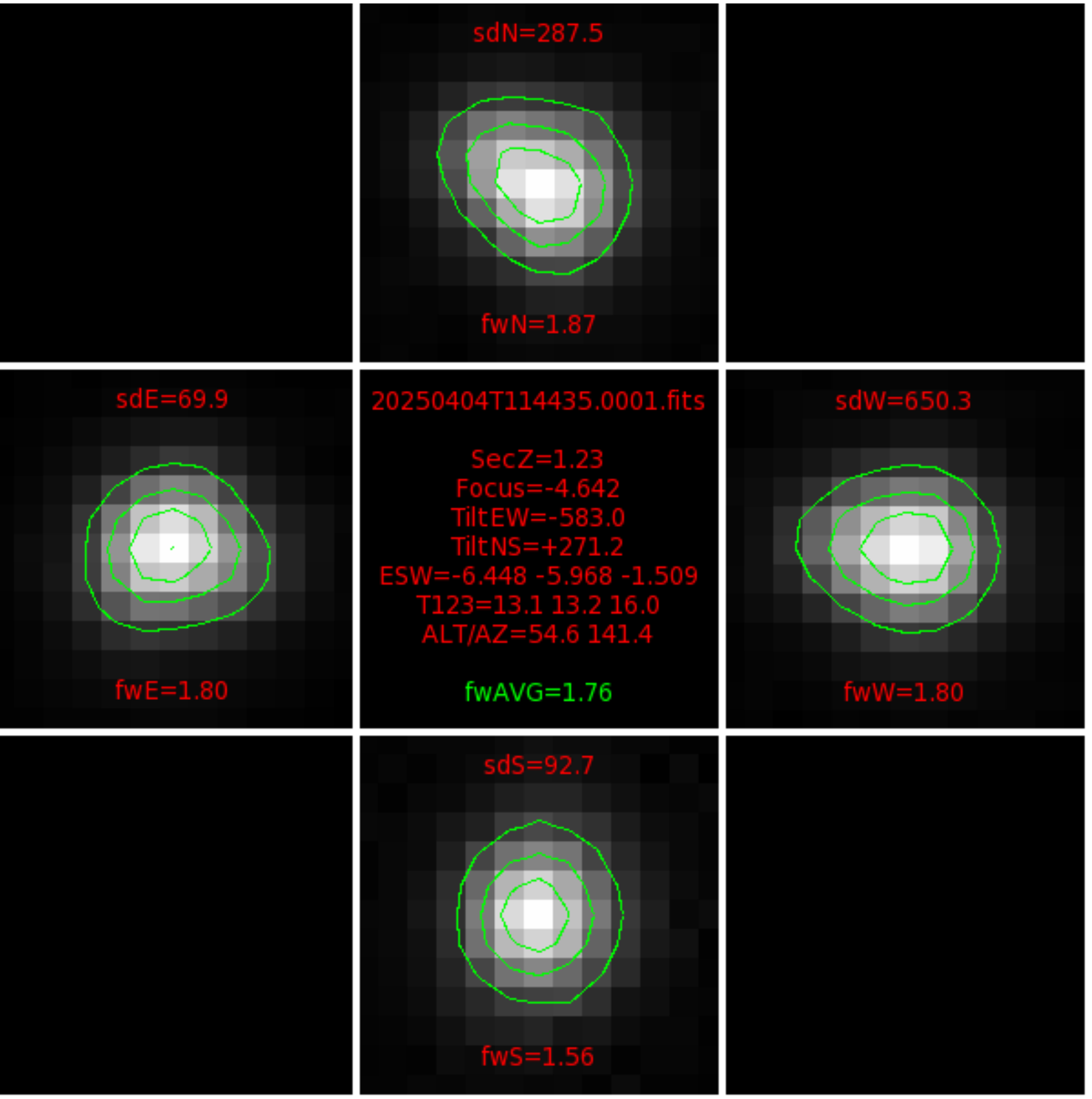
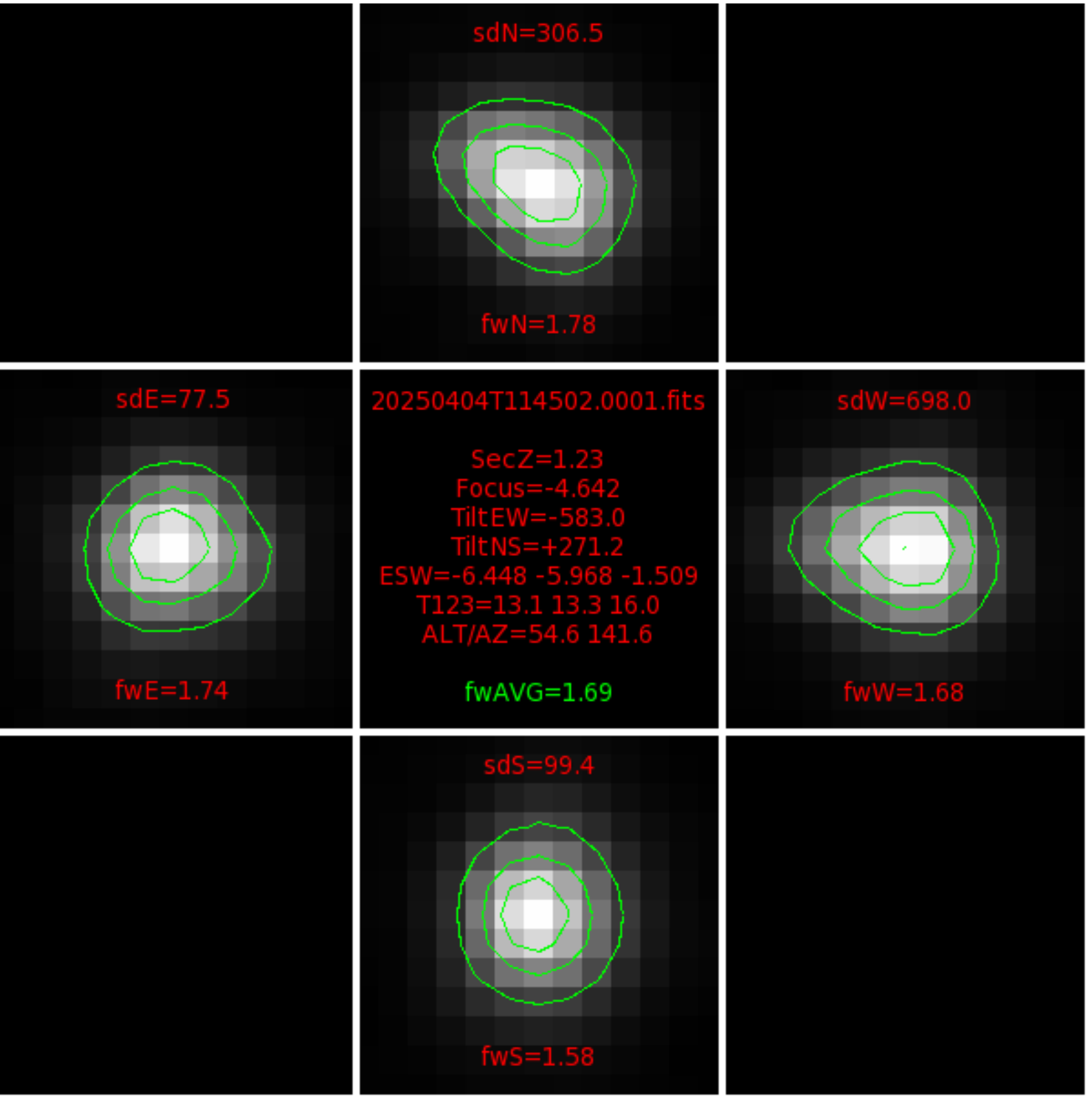

sdN=287.5
fwN=1.87
sdE=69.9
fwE=1.80
20250404T114435.0001.fits
SecZ=1.23
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.1 13.2 16.0
ALT/AZ=54.6 141.4
fwAVG=1.76
sdW=650.3
fwW=1.80
sdS=92.7
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=306.5
fwN=1.78
sdE=77.5
fwE=1.74
20250404T114502.0001.fits
SecZ=1.23
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.1 13.3 16.0
ALT/AZ=54.6 141.6
fwAVG=1.69
sdW=698.0
fwW=1.68
sdS=99.4
fwS=1.58
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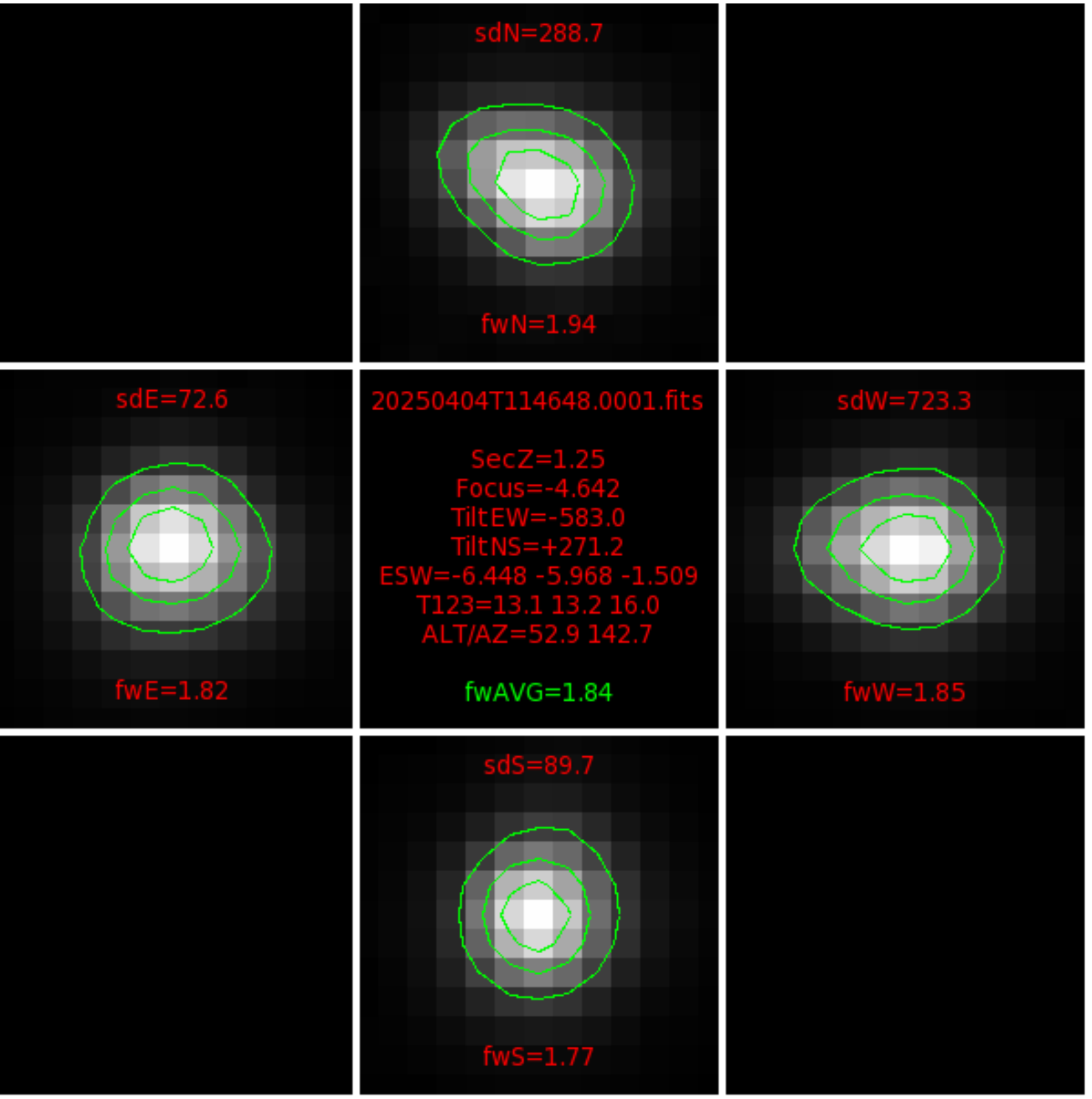
sdN=288.7
fwN=1.94
sdE=72.6
fwE=1.82
20250404T114648.0001.fits
SecZ=1.25
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.1 13.2 16.0
ALT/AZ=52.9 142.7
fwAVG=1.84
sdW=723.3
fwW=1.85
sdS=89.7
fwS=1.77
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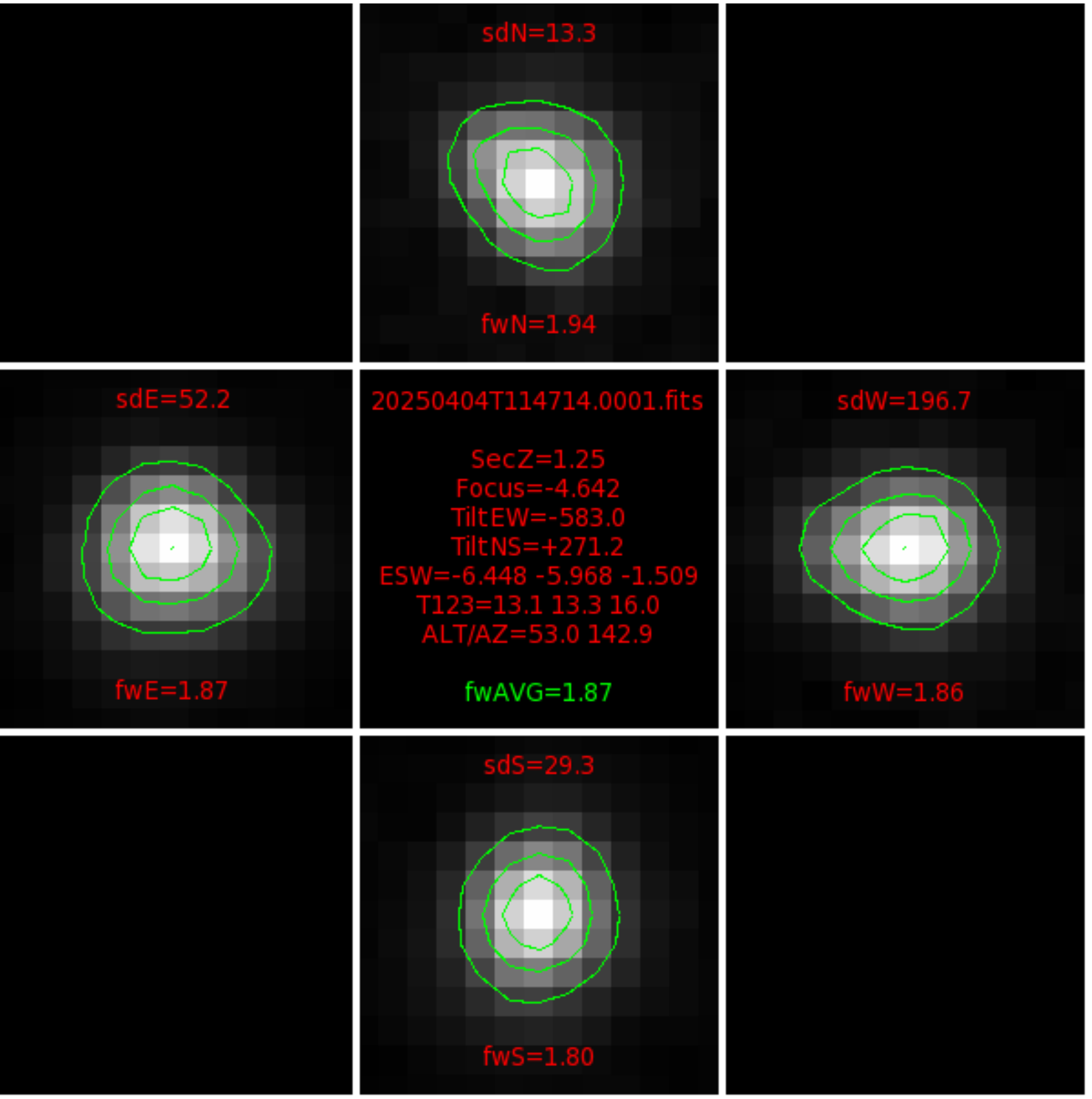
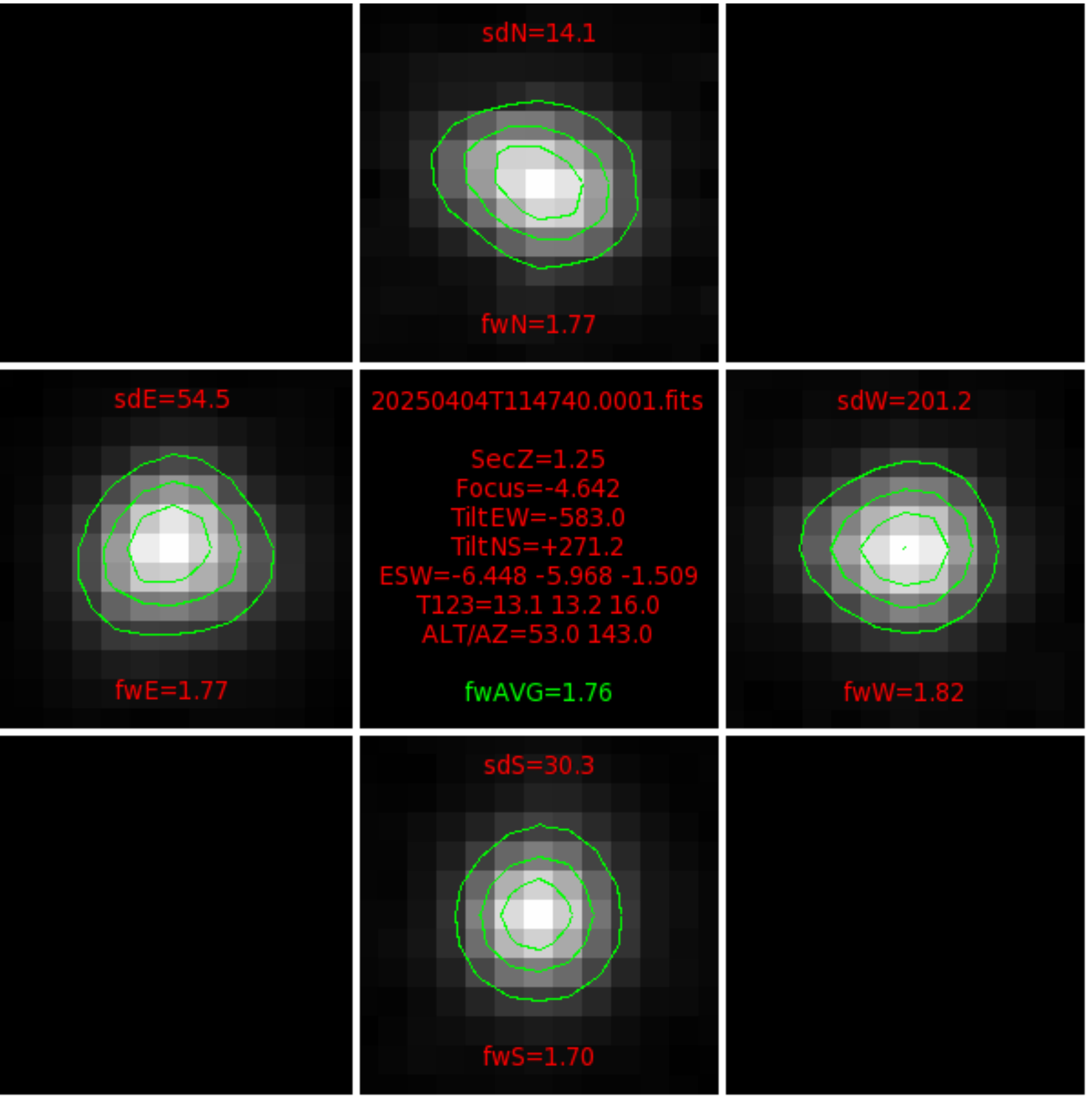

sdN=13.3
fwN=1.94
sdE=52.2
fwE=1.87
20250404T114714.0001.fits
SecZ=1.25
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.1 13.3 16.0
ALT/AZ=53.0 142.9
fwAVG=1.87
sdW=196.7
fwW=1.86
sdS=29.3
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=14.1
fwN=1.77
sdE=54.5
fwE=1.77
20250404T114740.0001.fits
SecZ=1.25
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.1 13.2 16.0
ALT/AZ=53.0 143.0
fwAVG=1.76
sdW=201.2
fwW=1.82
sdS=30.3
fwS=1.70
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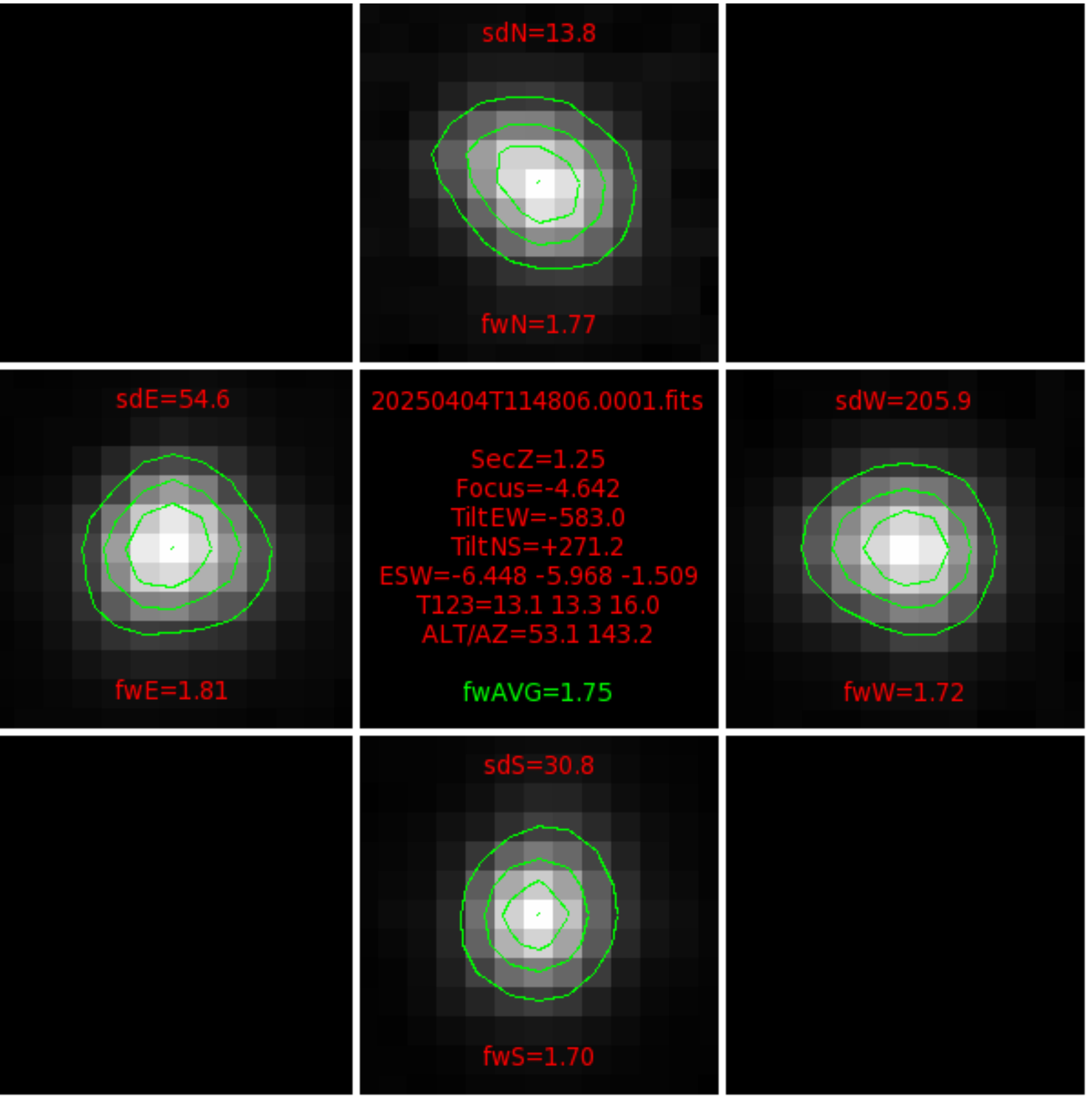
sdN=13.8
fwN=1.77
sdE=54.6
fwE=1.81
20250404T114806.0001.fits
SecZ=1.25
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.1 13.3 16.0
ALT/AZ=53.1 143.2
fwAVG=1.75
sdW=205.9
fwW=1.72
sdS=30.8
fwS=1.70
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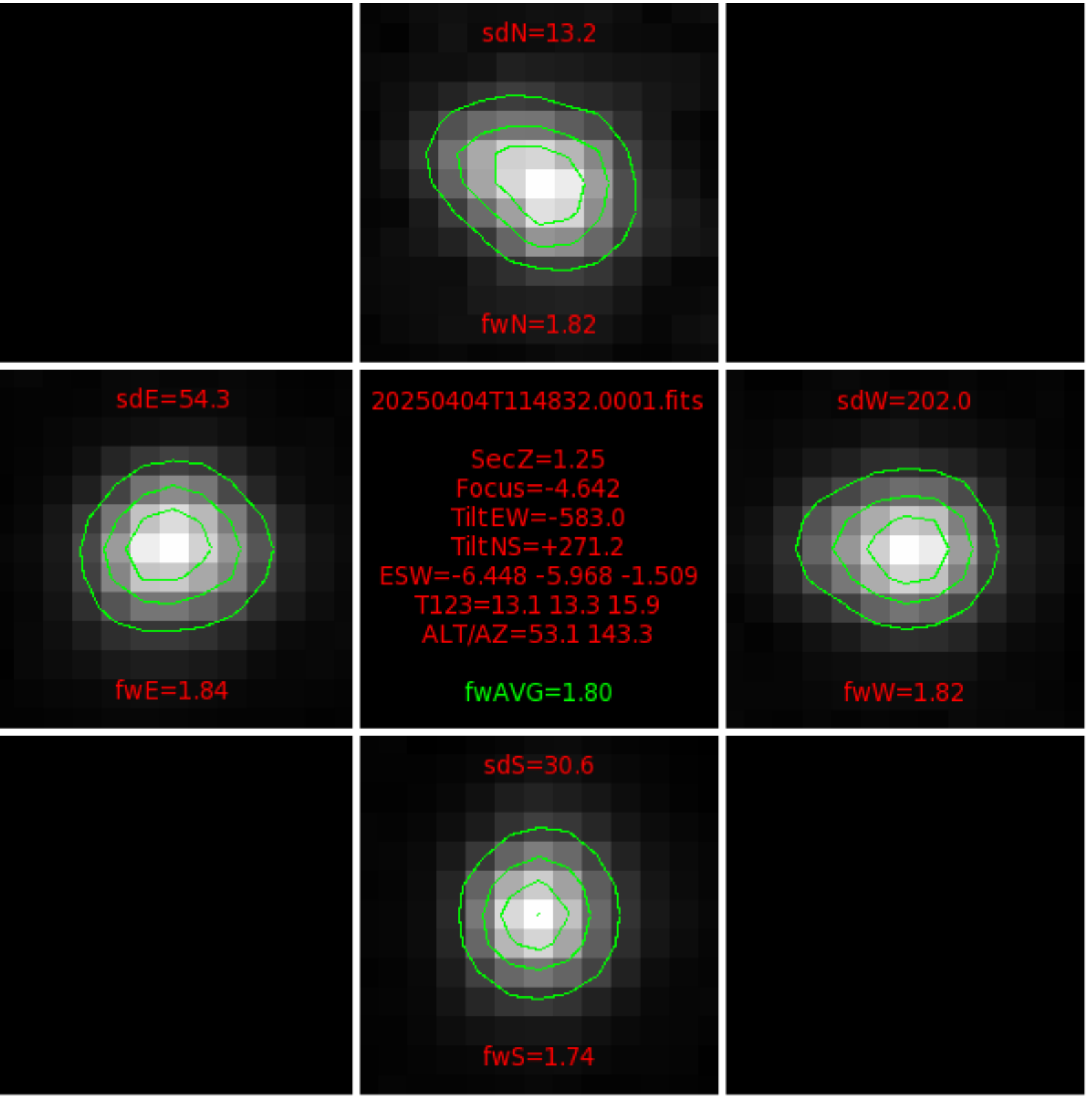
sdN=13.2
fwN=1.82
sdE=54.3
fwE=1.84
20250404T114832.0001.fits
SecZ=1.25
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.1 13.3 15.9
ALT/AZ=53.1 143.3
fwAVG=1.80
sdW=202.0
fwW=1.82
sdS=30.6
fwS=1.74
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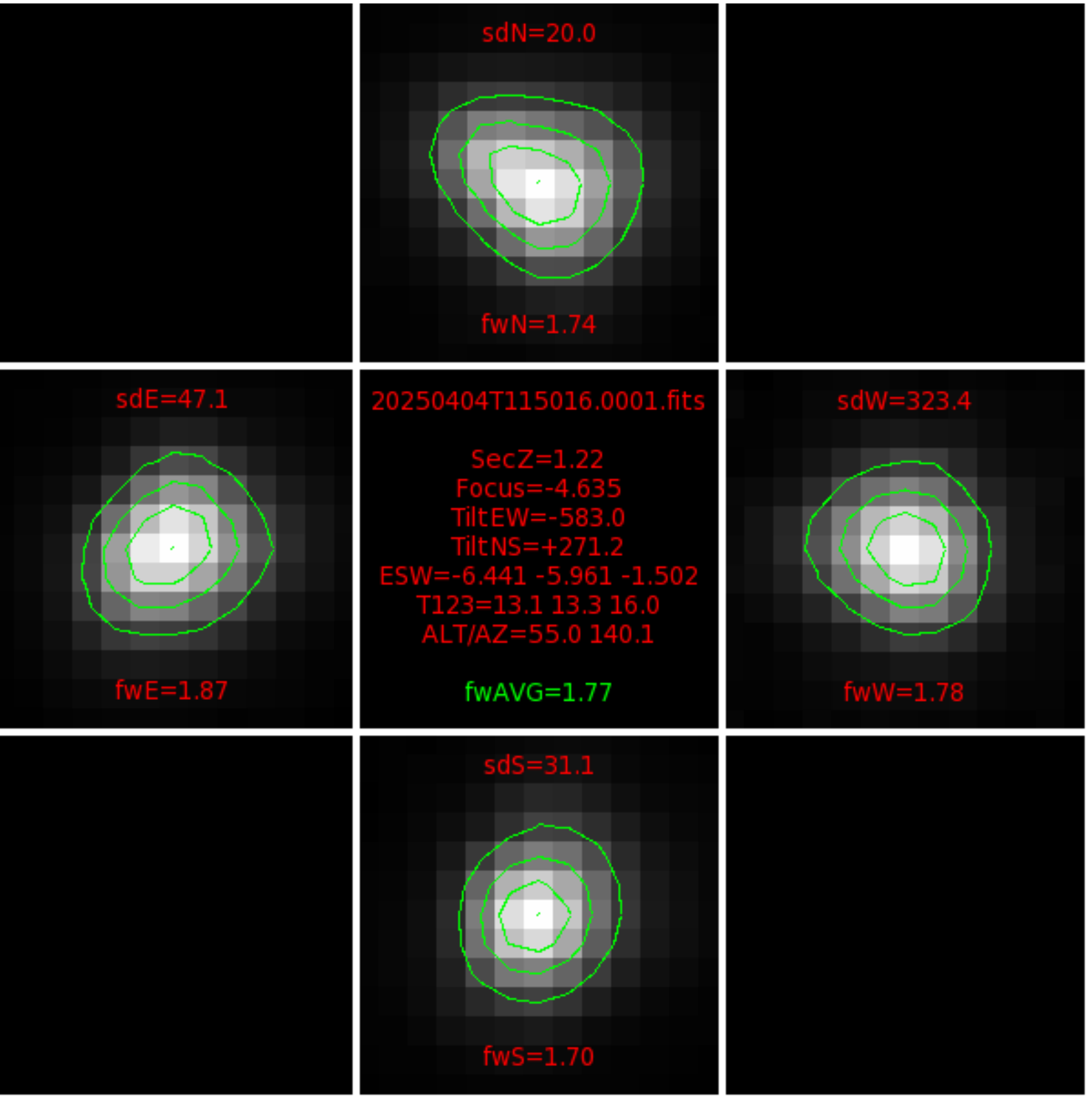
sdN=20.0
fwN=1.74
sdE=47.1
fwE=1.87
20250404T115016.0001.fits
SecZ=1.22
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=13.1 13.3 16.0
ALT/AZ=55.0 140.1
fwAVG=1.77
sdW=323.4
fwW=1.78
sdS=31.1
fwS=1.70
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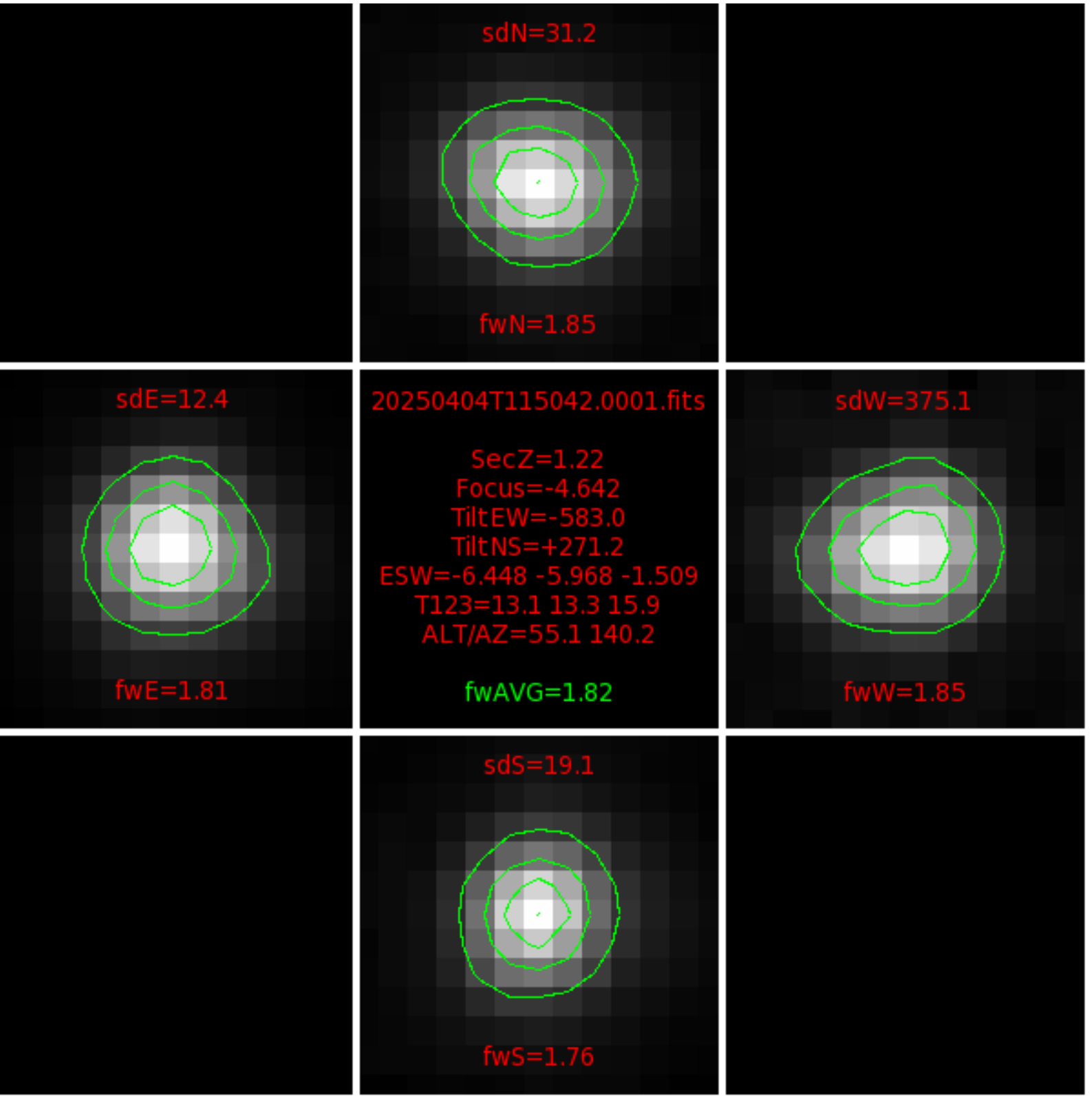
sdN=31.2
fwN=1.85
sdE=12.4
fwE=1.81
20250404T115042.0001.fits
SecZ=1.22
Focus=-4.642
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.448 -5.968 -1.509
T123=13.1 13.3 15.9
ALT/AZ=55.1 140.2
fwAVG=1.82
sdW=375.1
fwW=1.85
sdS=19.1
fwS=1.76
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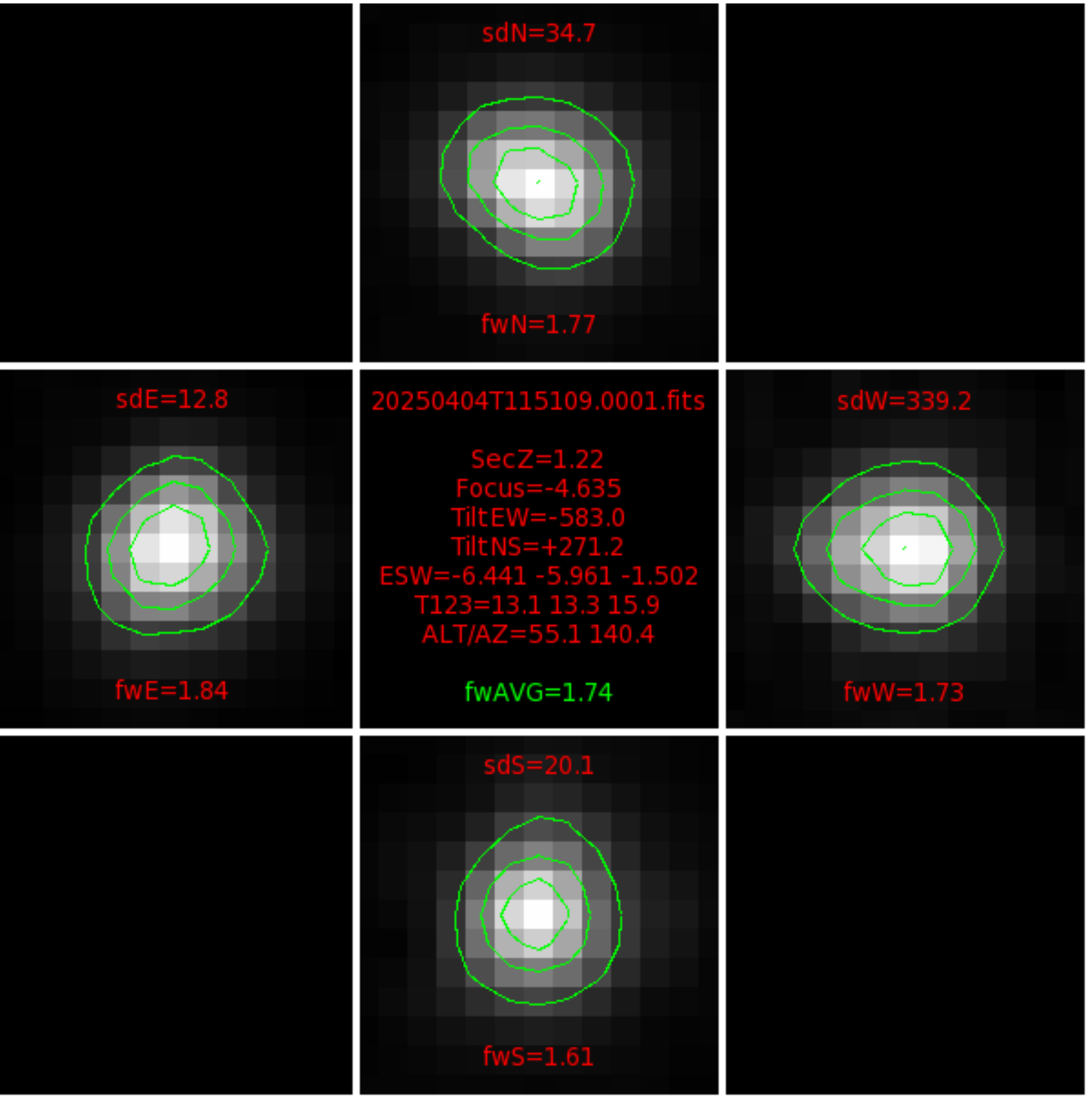
sdN=34.7
fwN=1.77
sdE=12.8
fwE=1.84
20250404T115109.0001.fits
SecZ=1.22
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=13.1 13.3 15.9
ALT/AZ=55.1 140.4
fwAVG=1.74
sdW=339.2
fwW=1.73
sdS=20.1
fwS=1.61
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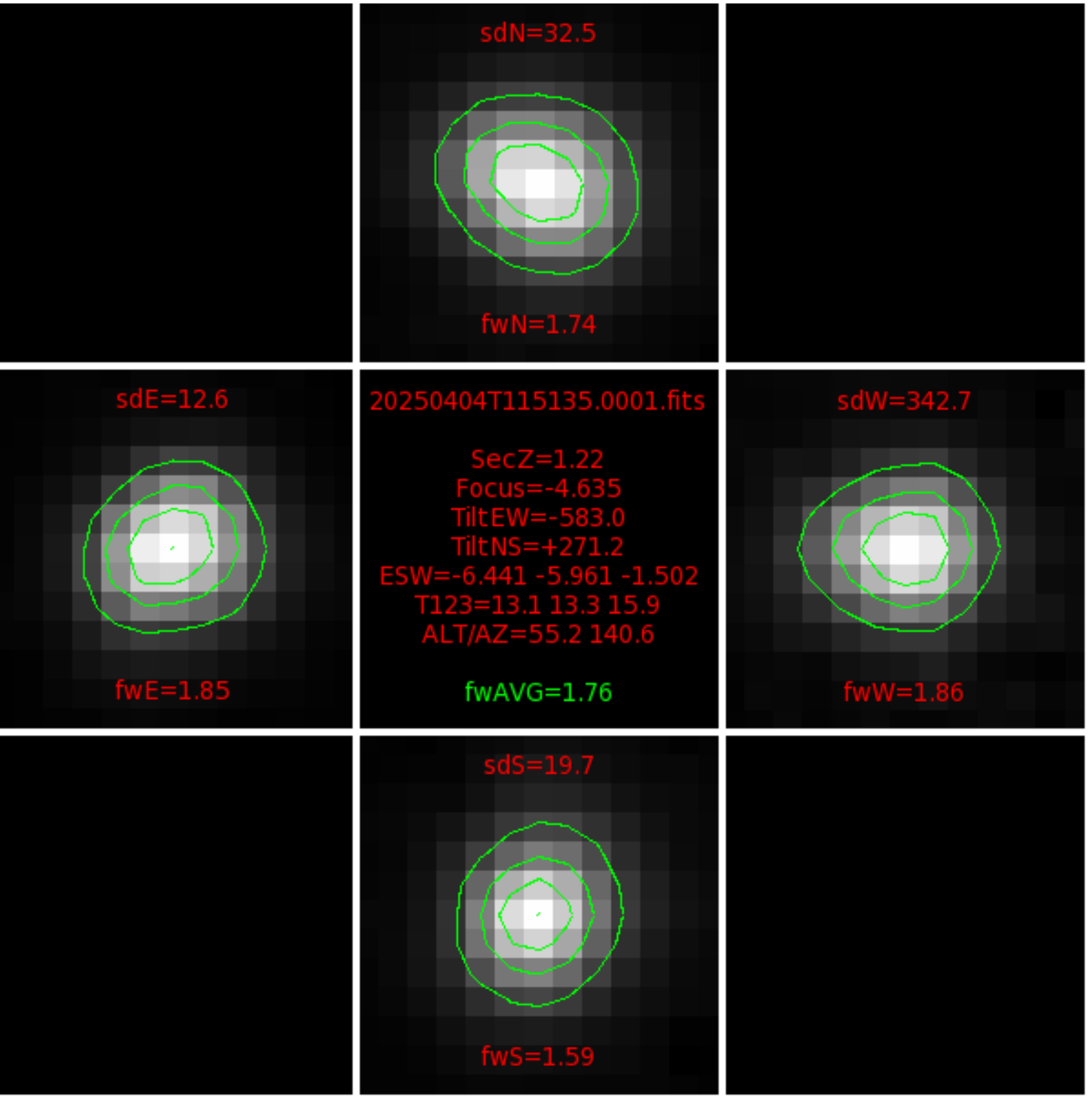
sdN=32.5
fwN=1.74
sdE=12.6
fwE=1.85
20250404T115135.0001.fits
SecZ=1.22
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=13.1 13.3 15.9
ALT/AZ=55.2 140.6
fwAVG=1.76
sdW=342.7
fwW=1.86
sdS=19.7
fwS=1.59
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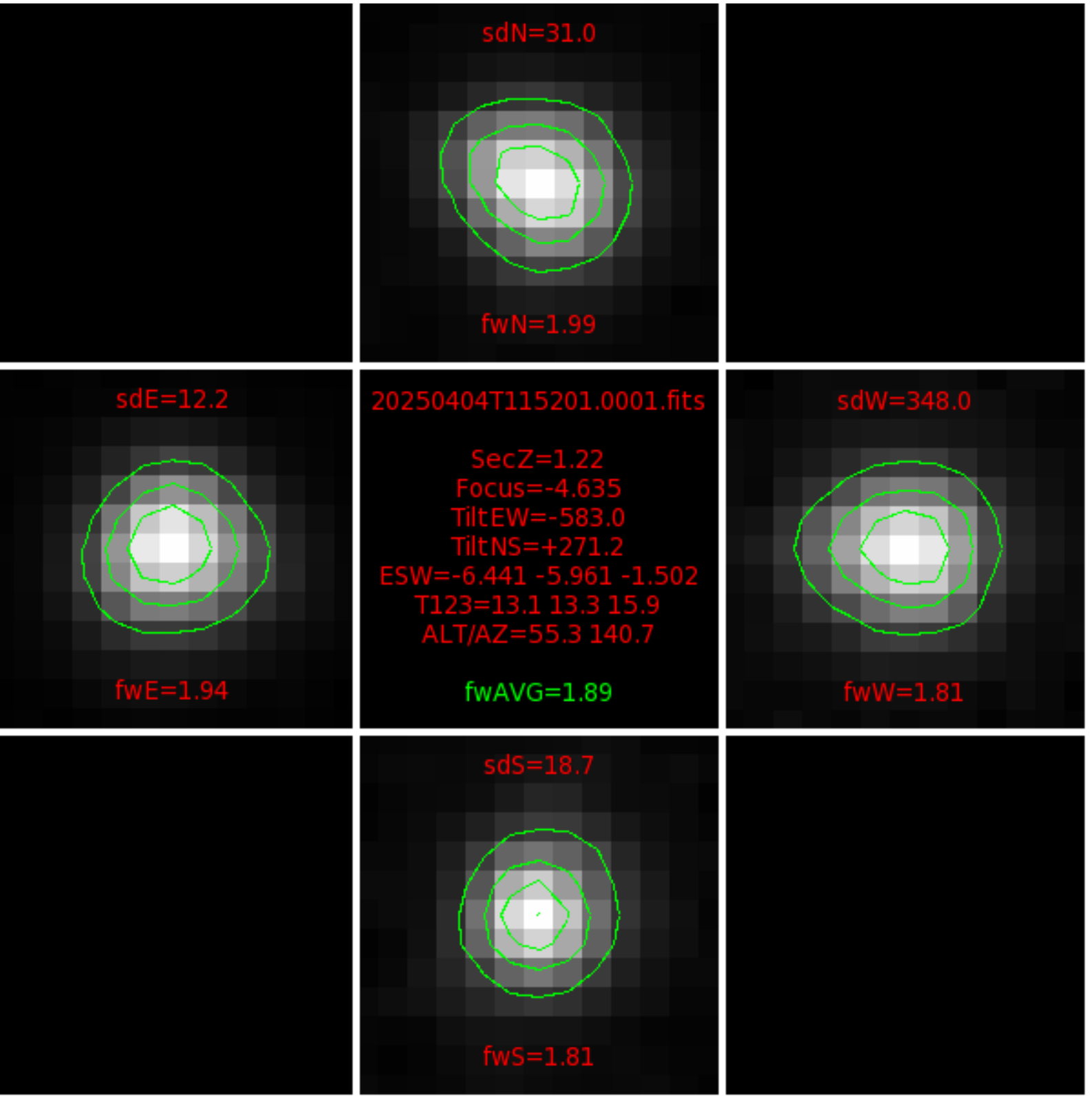
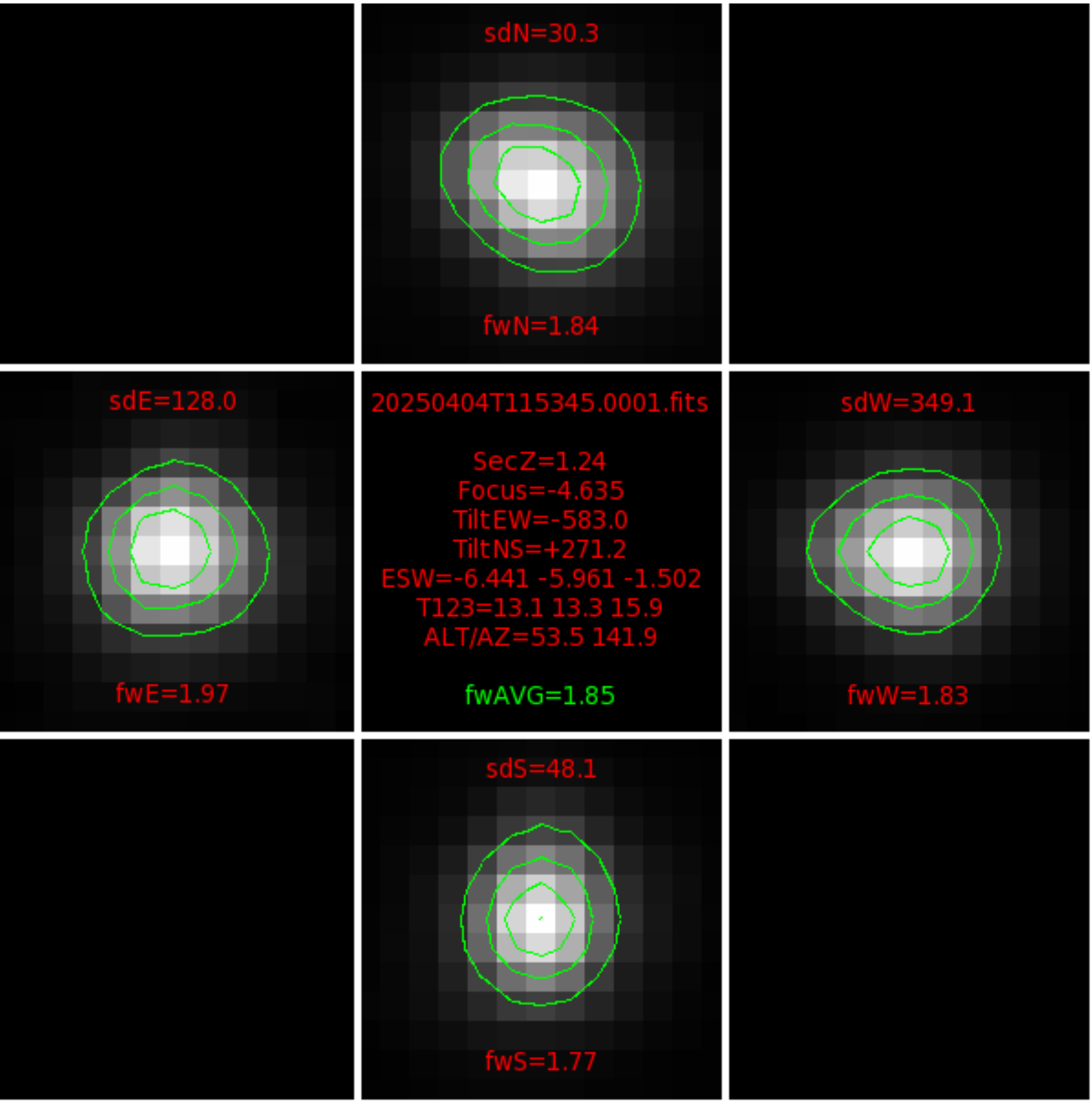

sdN=31.0
fwN=1.99
sdE=12.2
fwE=1.94
20250404T115201.0001.fits
SecZ=1.22
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=13.1 13.3 15.9
ALT/AZ=55.3 140.7
fwAVG=1.89
sdW=348.0
fwW=1.81
sdS=18.7
fwS=1.81
0 0 0 0 0 0 0 0 0


sdN=30.3
fwN=1.84
sdE=128.0
fwE=1.97
20250404T115345.0001.fits
SecZ=1.24
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=13.1 13.3 15.9
ALT/AZ=53.5 141.9
fwAVG=1.85
sdW=349.1
fwW=1.83
sdS=48.1
fwS=1.77
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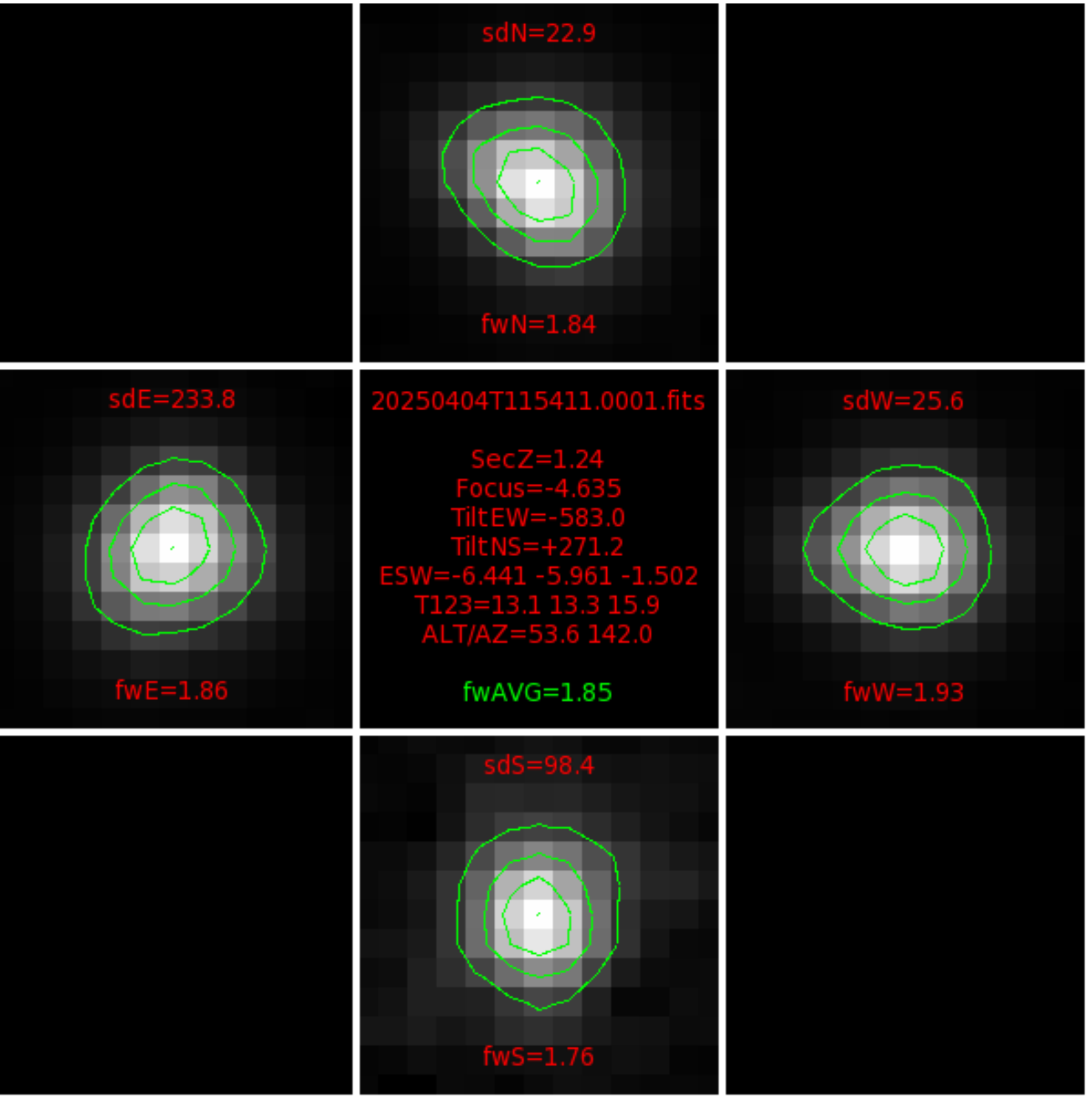
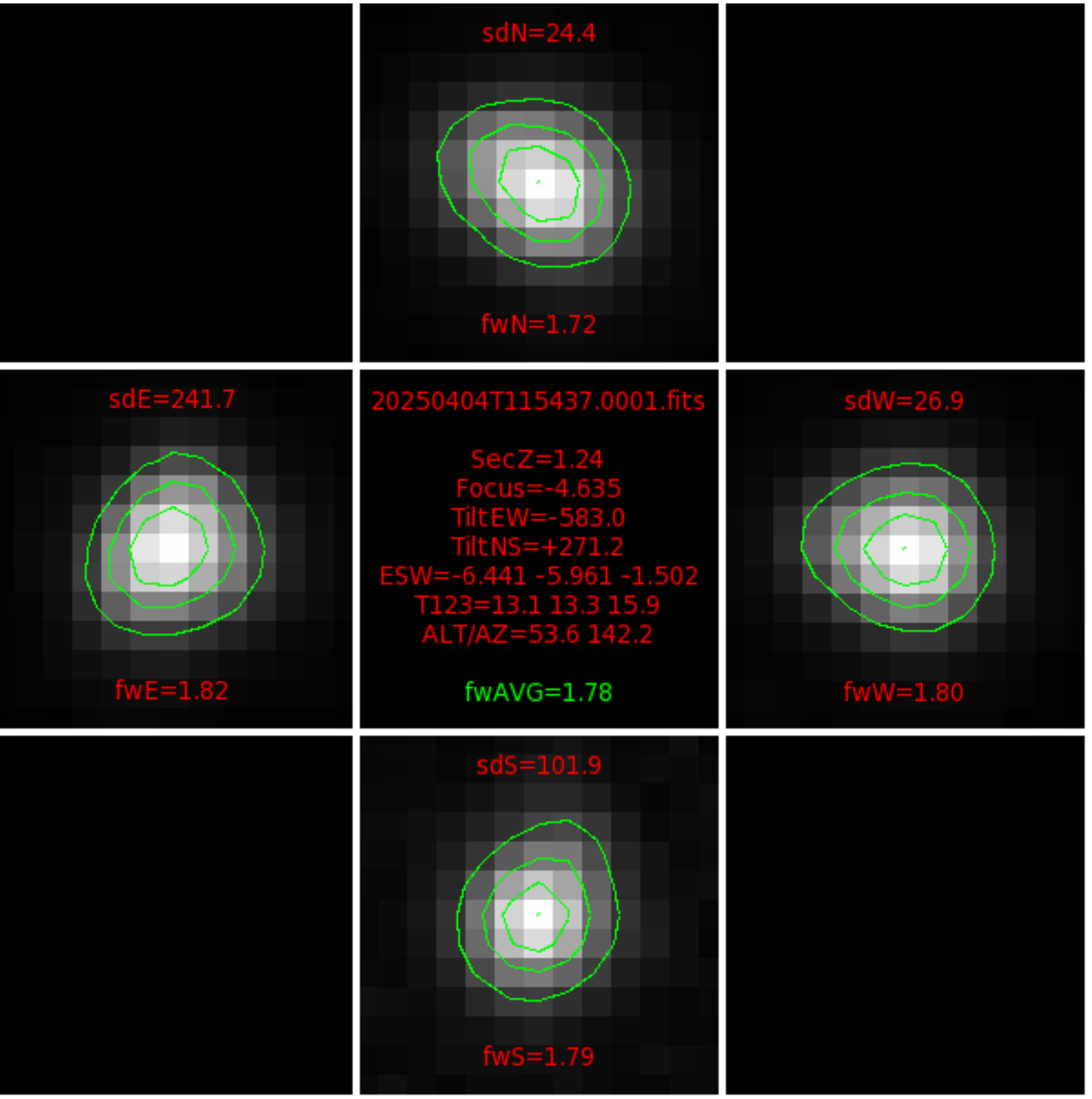
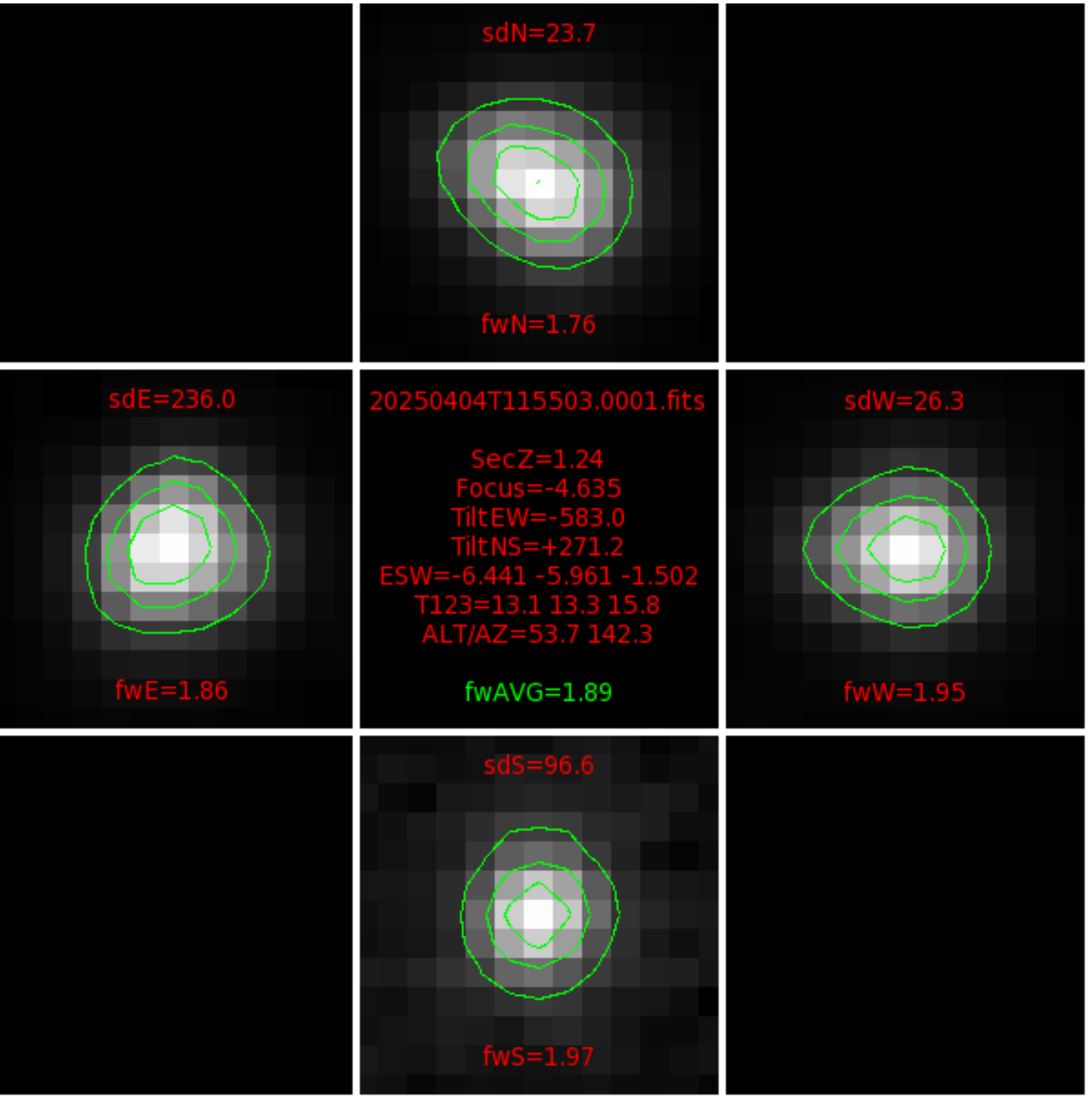
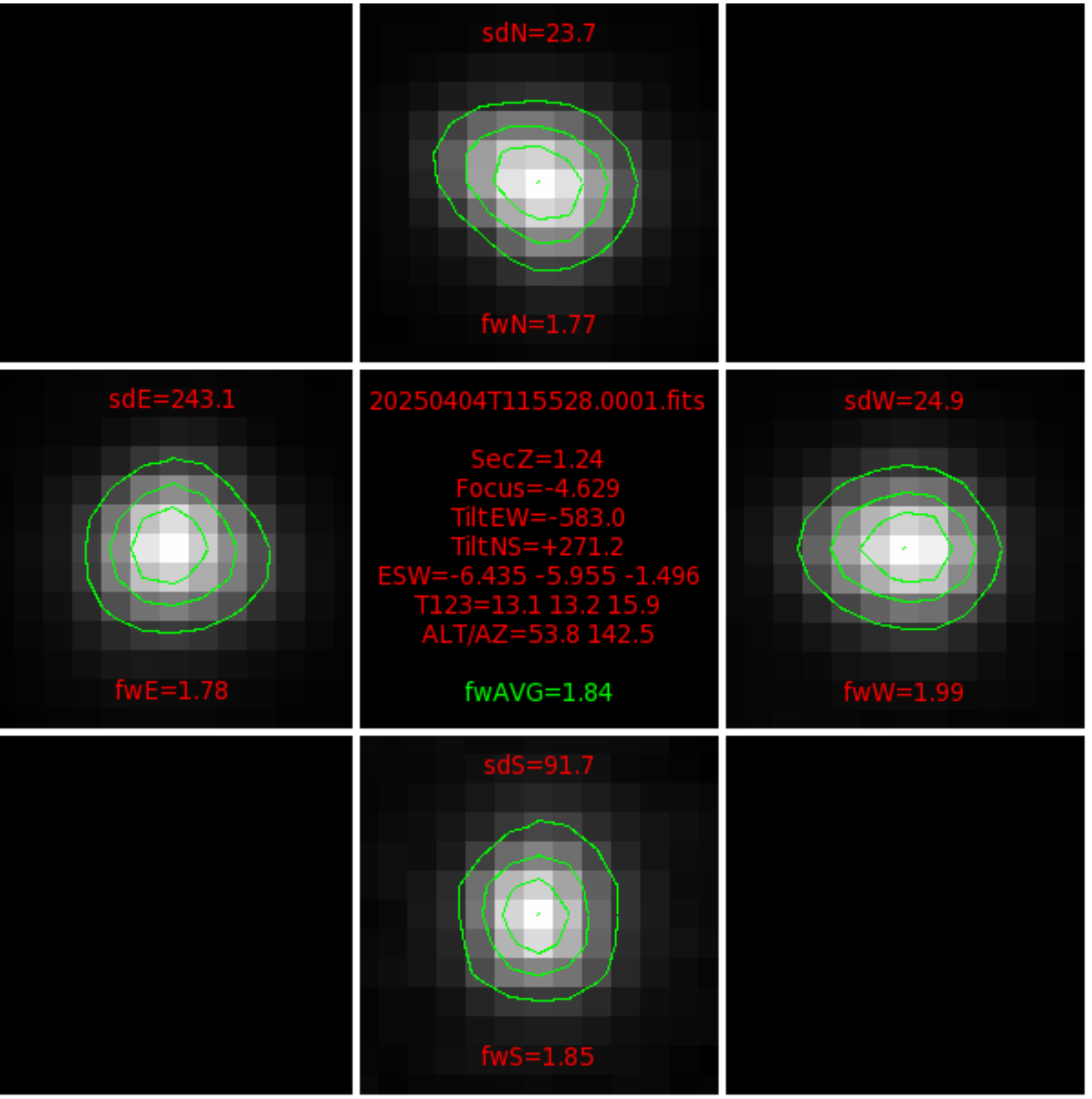

sdN=22.9
fwN=1.84
sdE=233.8
fwE=1.86
20250404T115411.0001.fits
SecZ=1.24
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=13.1 13.3 15.9
ALT/AZ=53.6 142.0
fwAVG=1.85
sdW=25.6
fwW=1.93
sdS=98.4
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=24.4
fwN=1.72
sdE=241.7
fwE=1.82
20250404T115437.0001.fits
SecZ=1.24
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=13.1 13.3 15.9
ALT/AZ=53.6 142.2
fwAVG=1.78
sdW=26.9
fwW=1.80
sdS=101.9
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=23.7
fwN=1.76
sdE=236.0
fwE=1.86
20250404T115503.0001.fits
SecZ=1.24
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=13.1 13.3 15.8
ALT/AZ=53.7 142.3
fwAVG=1.89
sdW=26.3
fwW=1.95
sdS=96.6
fwS=1.97
0 0 0 0 0 0 0 0 0


sdN=23.7
fwN=1.77
sdE=243.1
fwE=1.78
20250404T115528.0001.fits
SecZ=1.24
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.1 13.2 15.9
ALT/AZ=53.8 142.5
fwAVG=1.84
sdW=24.9
fwW=1.99
sdS=91.7
fwS=1.85
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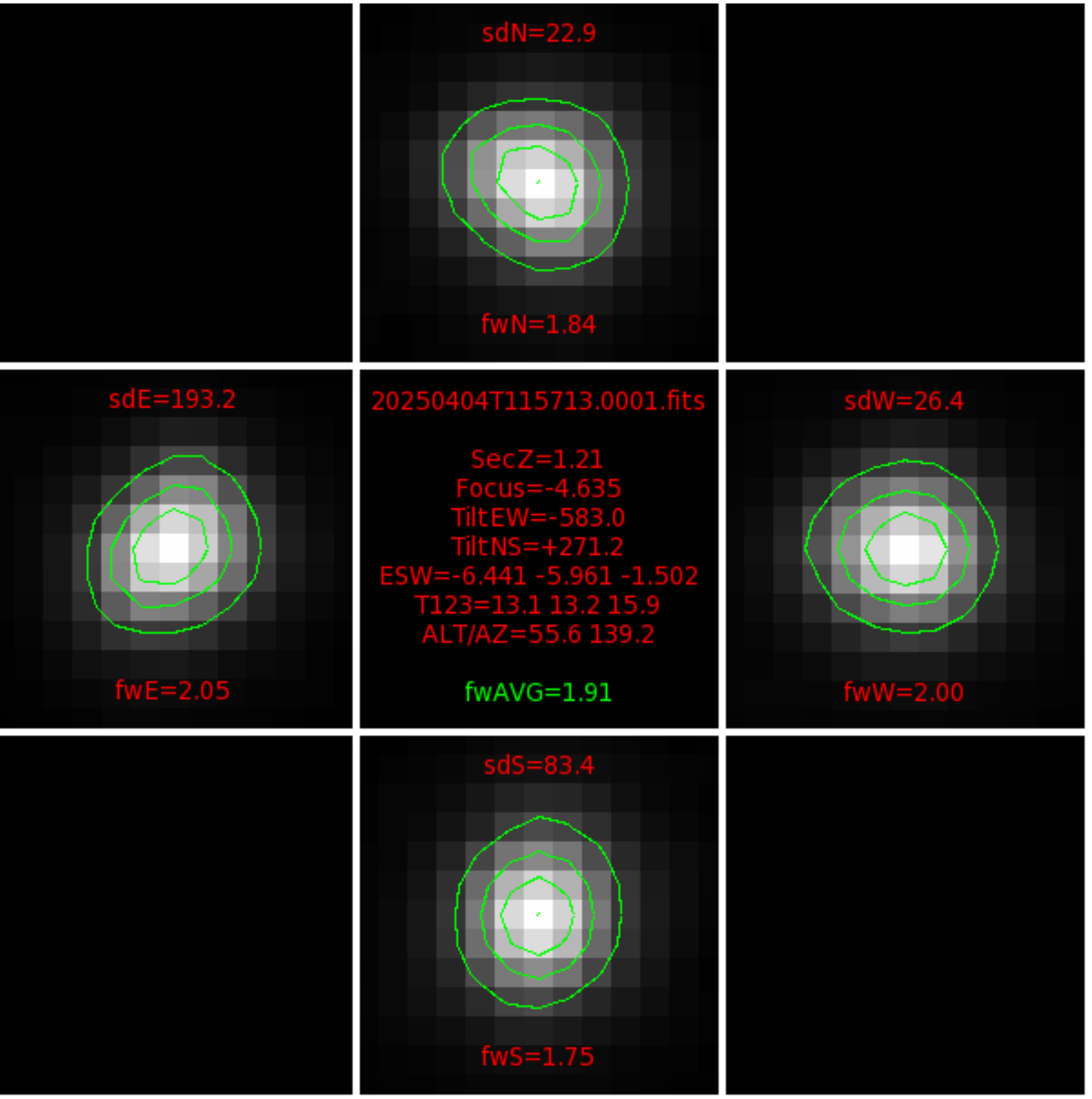
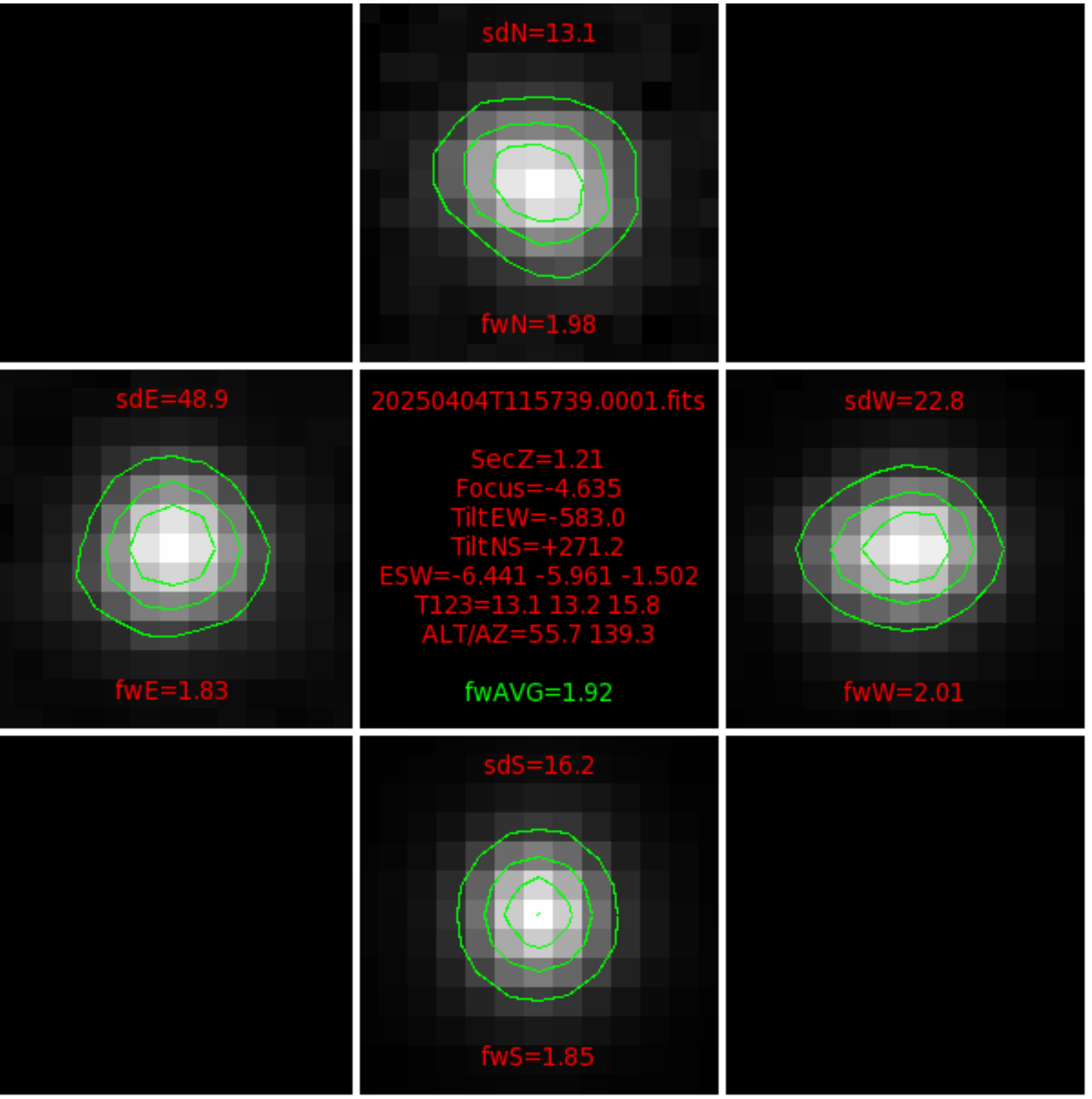
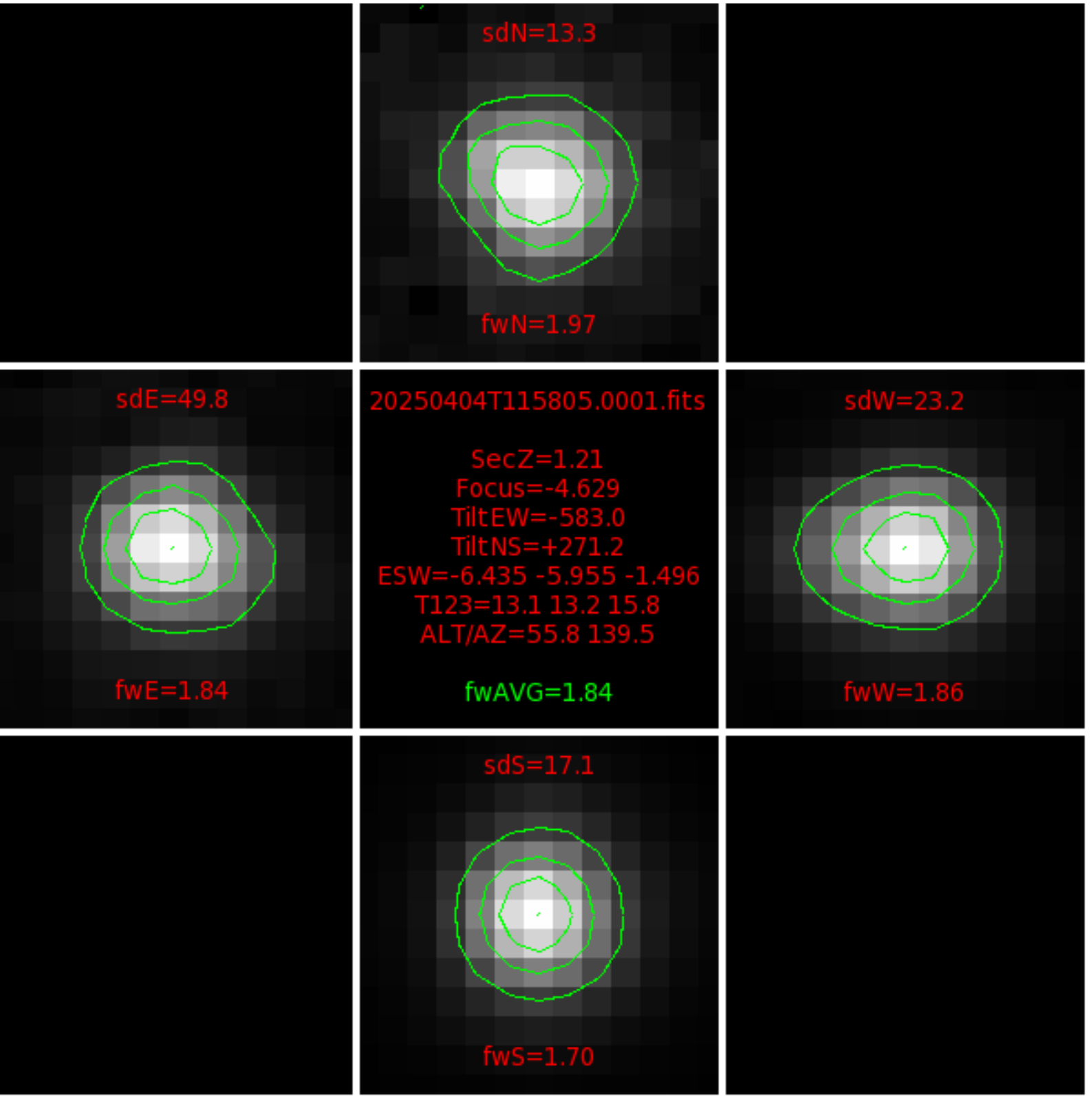
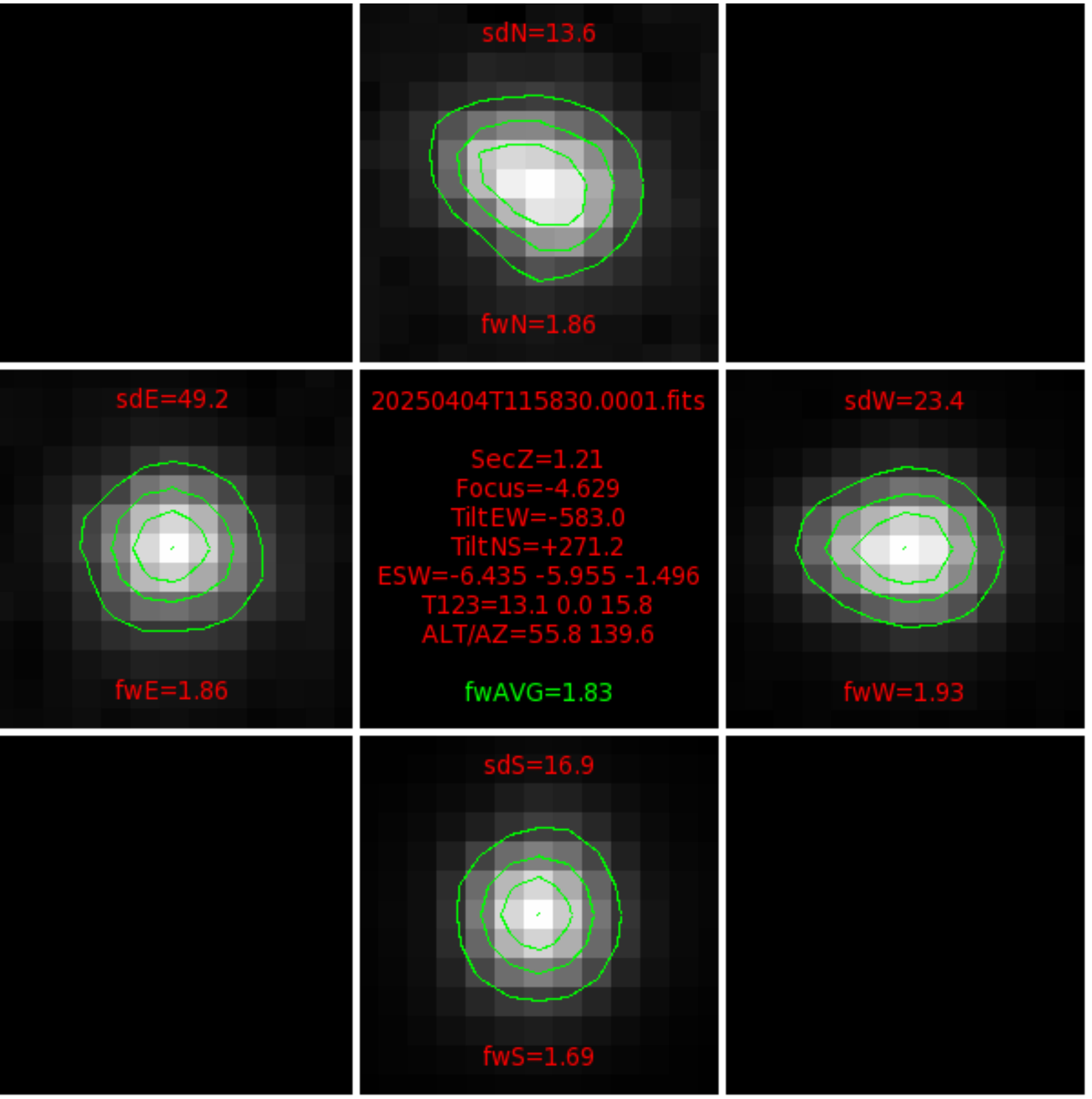

sdN=22.9
fwN=1.84
sdE=193.2
fwE=2.05
20250404T115713.0001.fits
SecZ=1.21
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=13.1 13.2 15.9
ALT/AZ=55.6 139.2
fwAVG=1.91
sdW=26.4
fwW=2.00
sdS=83.4
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=13.1
fwN=1.98
sdE=48.9
fwE=1.83
20250404T115739.0001.fits
SecZ=1.21
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=13.1 13.2 15.8
ALT/AZ=55.7 139.3
fwAVG=1.92
sdW=22.8
fwW=2.01
sdS=16.2
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=13.3
fwN=1.97
sdE=49.8
fwE=1.84
20250404T115805.0001.fits
SecZ=1.21
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.1 13.2 15.8
ALT/AZ=55.8 139.5
fwAVG=1.84
sdW=23.2
fwW=1.86
sdS=17.1
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=13.6
fwN=1.86
sdE=49.2
fwE=1.86
20250404T115830.0001.fits
SecZ=1.21
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.1 0.0 15.8
ALT/AZ=55.8 139.6
fwAVG=1.83
sdW=23.4
fwW=1.93
sdS=16.9
fwS=1.69
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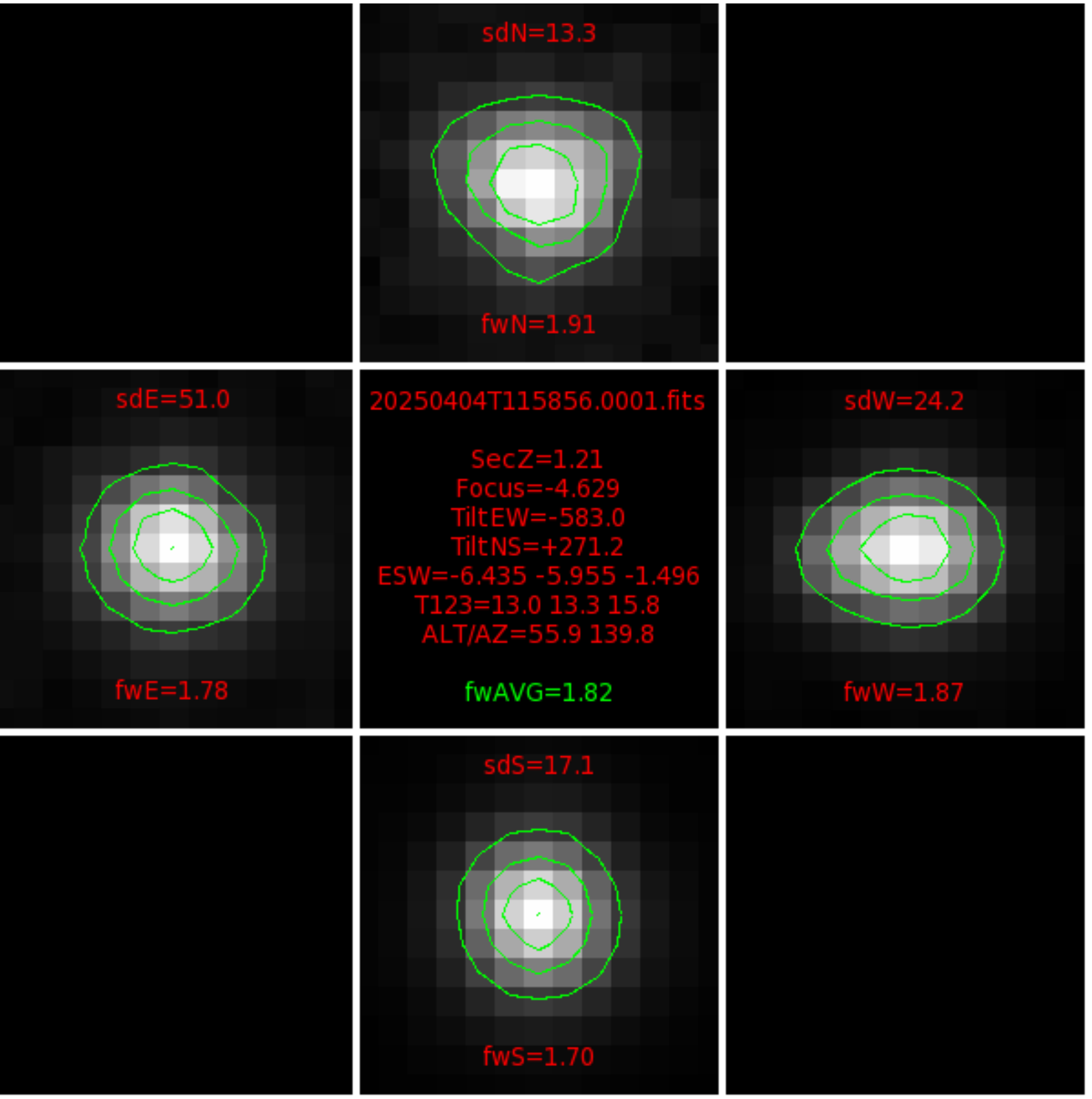
sdN=13.3
fwN=1.91
sdE=51.0
fwE=1.78
20250404T115856.0001.fits
SecZ=1.21
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.3 15.8
ALT/AZ=55.9 139.8
fwAVG=1.82
sdW=24.2
fwW=1.87
sdS=17.1
fwS=1.70
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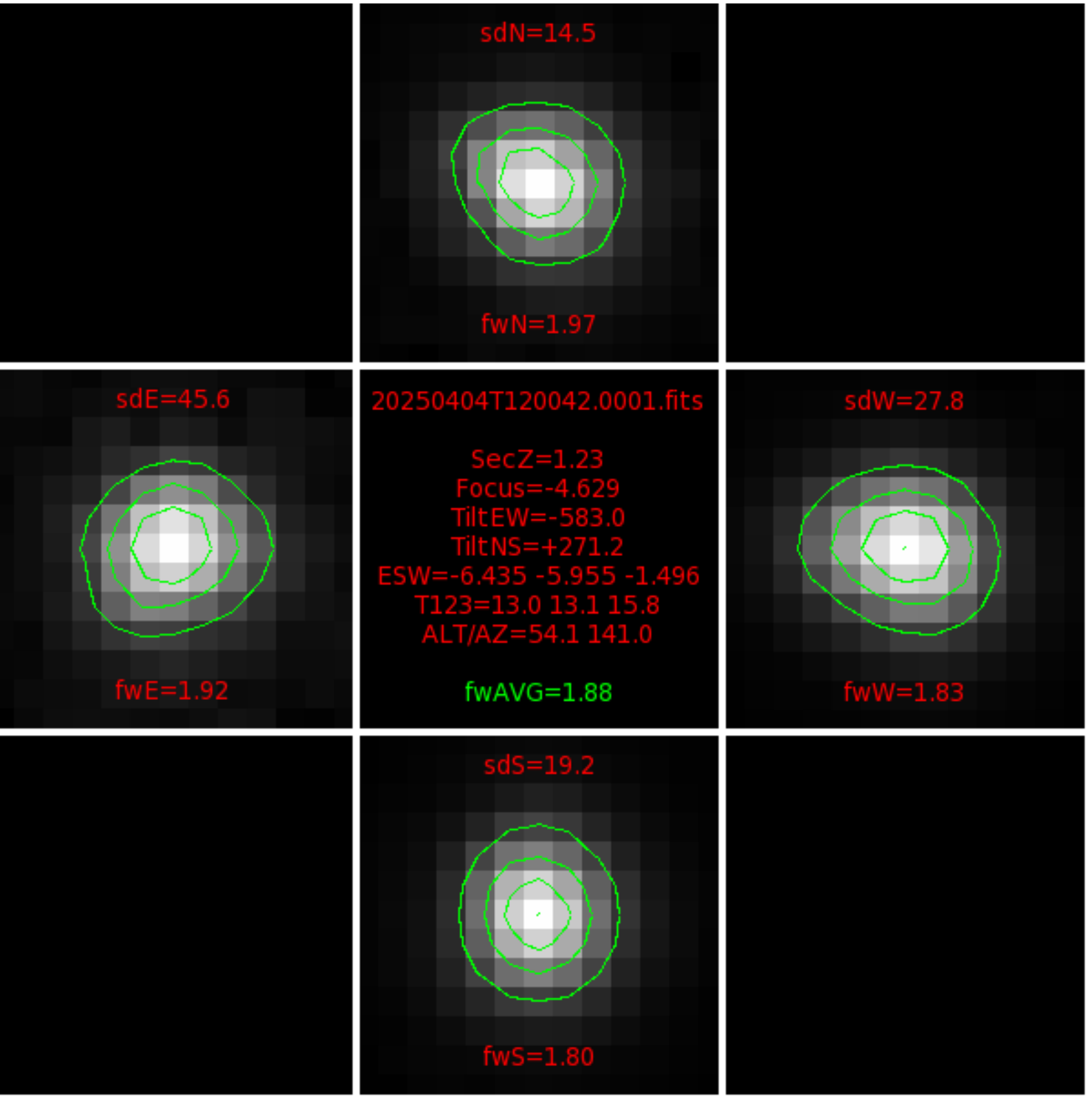
sdN=14.5
fwN=1.97
sdE=45.6
fwE=1.92
20250404T120042.0001.fits
SecZ=1.23
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.1 15.8
ALT/AZ=54.1 141.0
fwAVG=1.88
sdW=27.8
fwW=1.83
sdS=19.2
fwS=1.80
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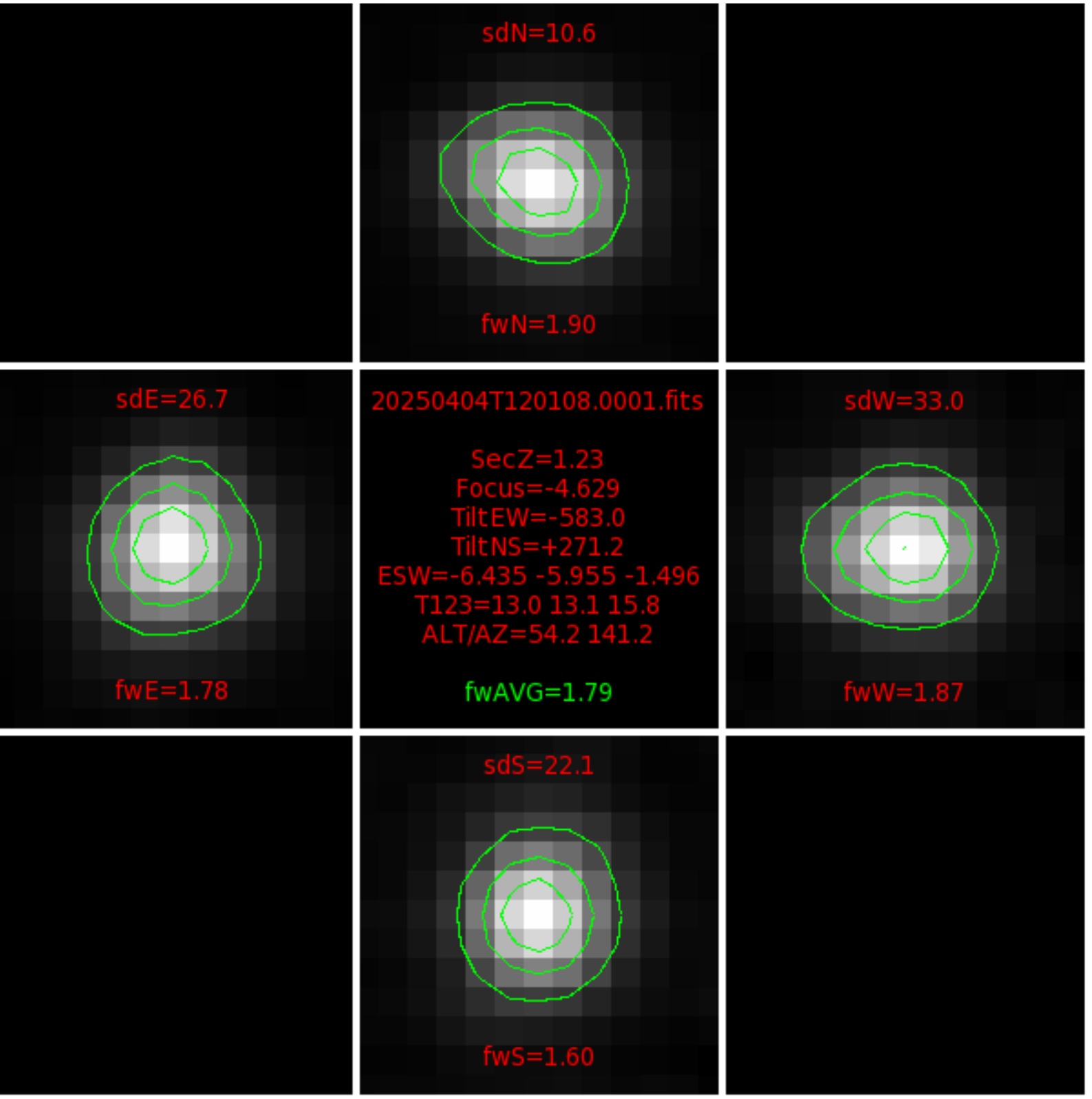
sdN=10.6
fwN=1.90
sdE=26.7
fwE=1.78
20250404T120108.0001.fits
SecZ=1.23
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.1 15.8
ALT/AZ=54.2 141.2
fwAVG=1.79
sdW=33.0
fwW=1.87
sdS=22.1
fwS=1.60
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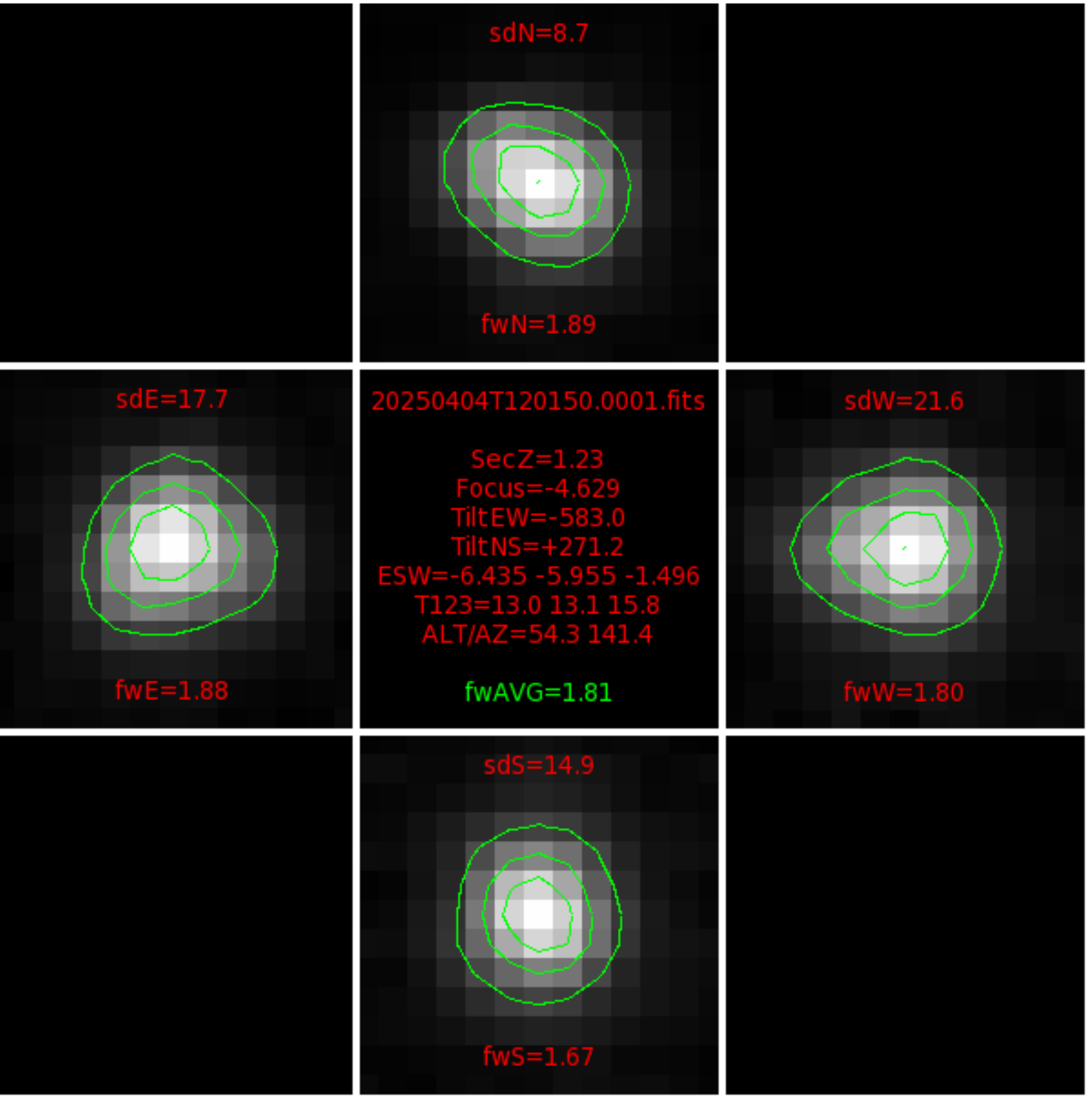
sdN=8.7
fwN=1.89
sdE=17.7
fwE=1.88
20250404T120150.0001.fits
SecZ=1.23
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.1 15.8
ALT/AZ=54.3 141.4
fwAVG=1.81
sdW=21.6
fwW=1.80
sdS=14.9
fwS=1.67
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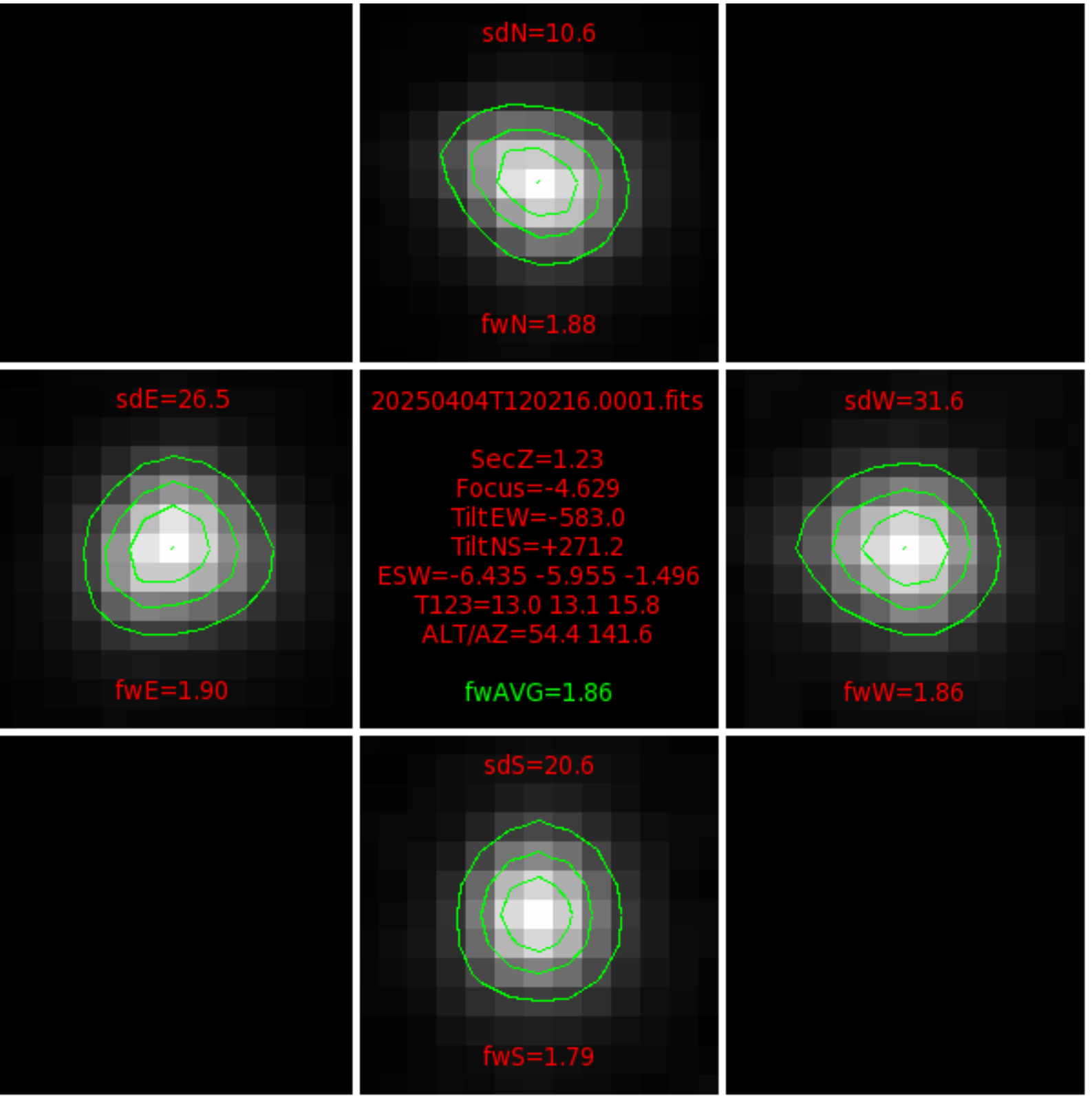
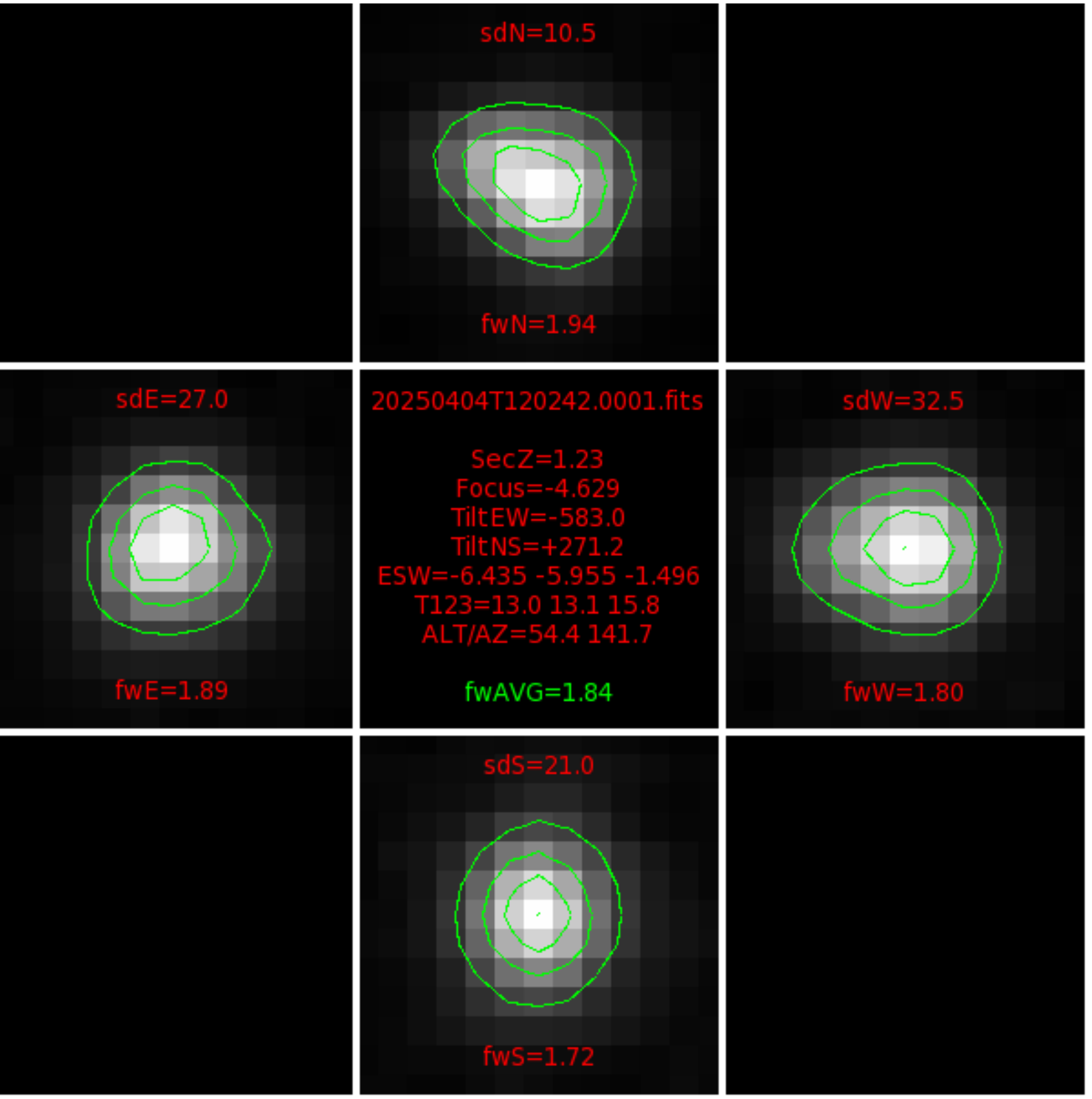
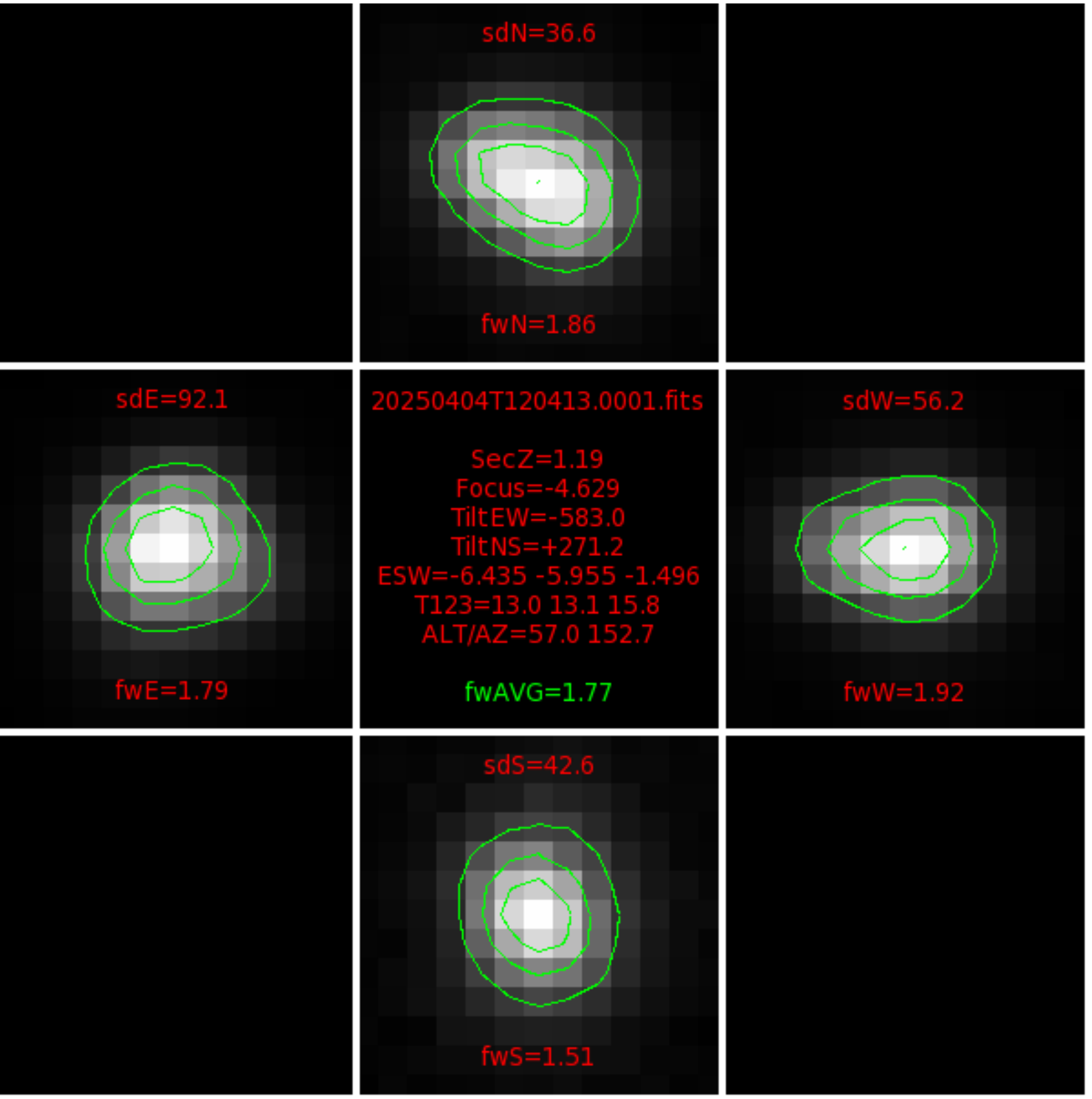
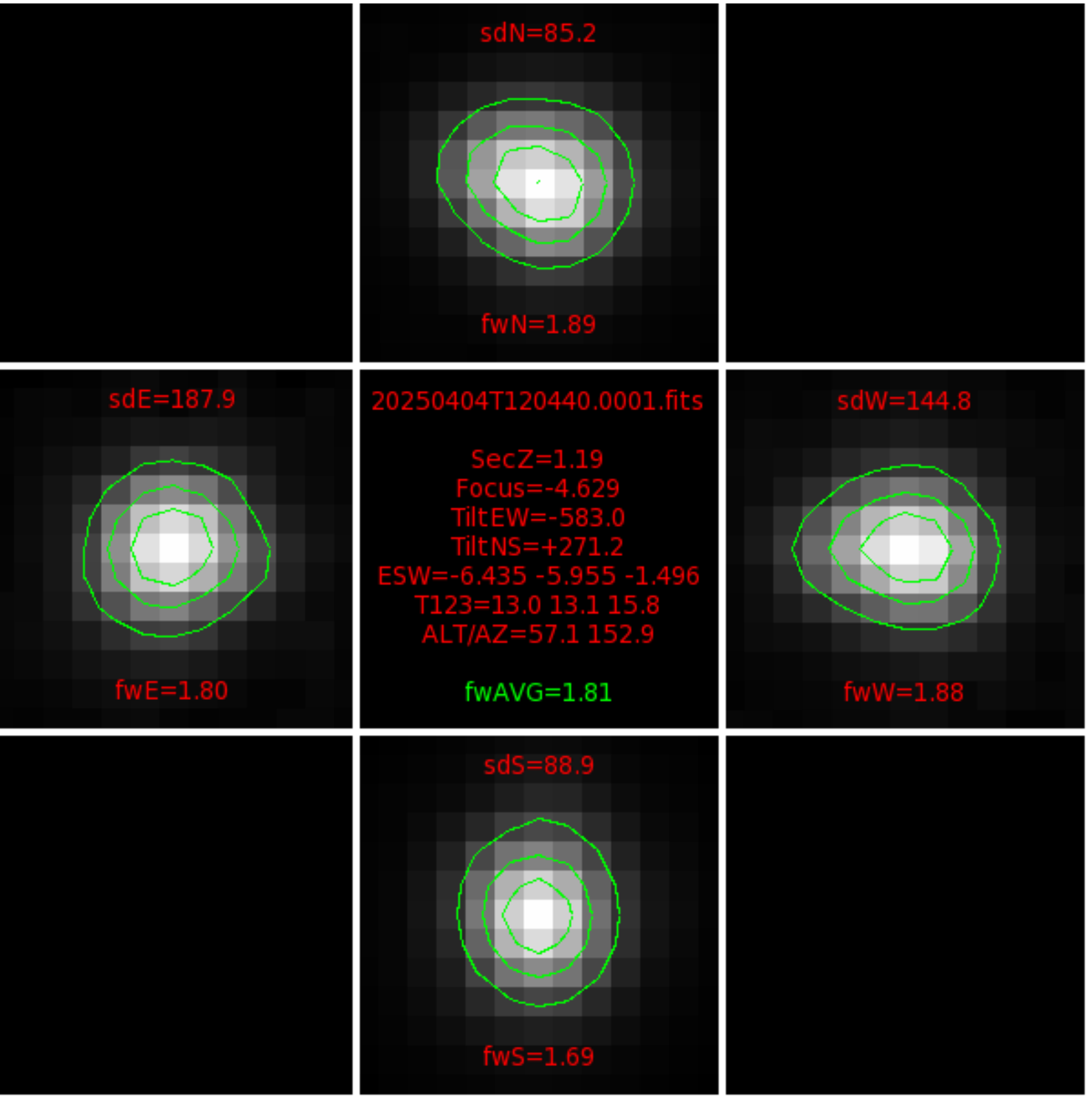
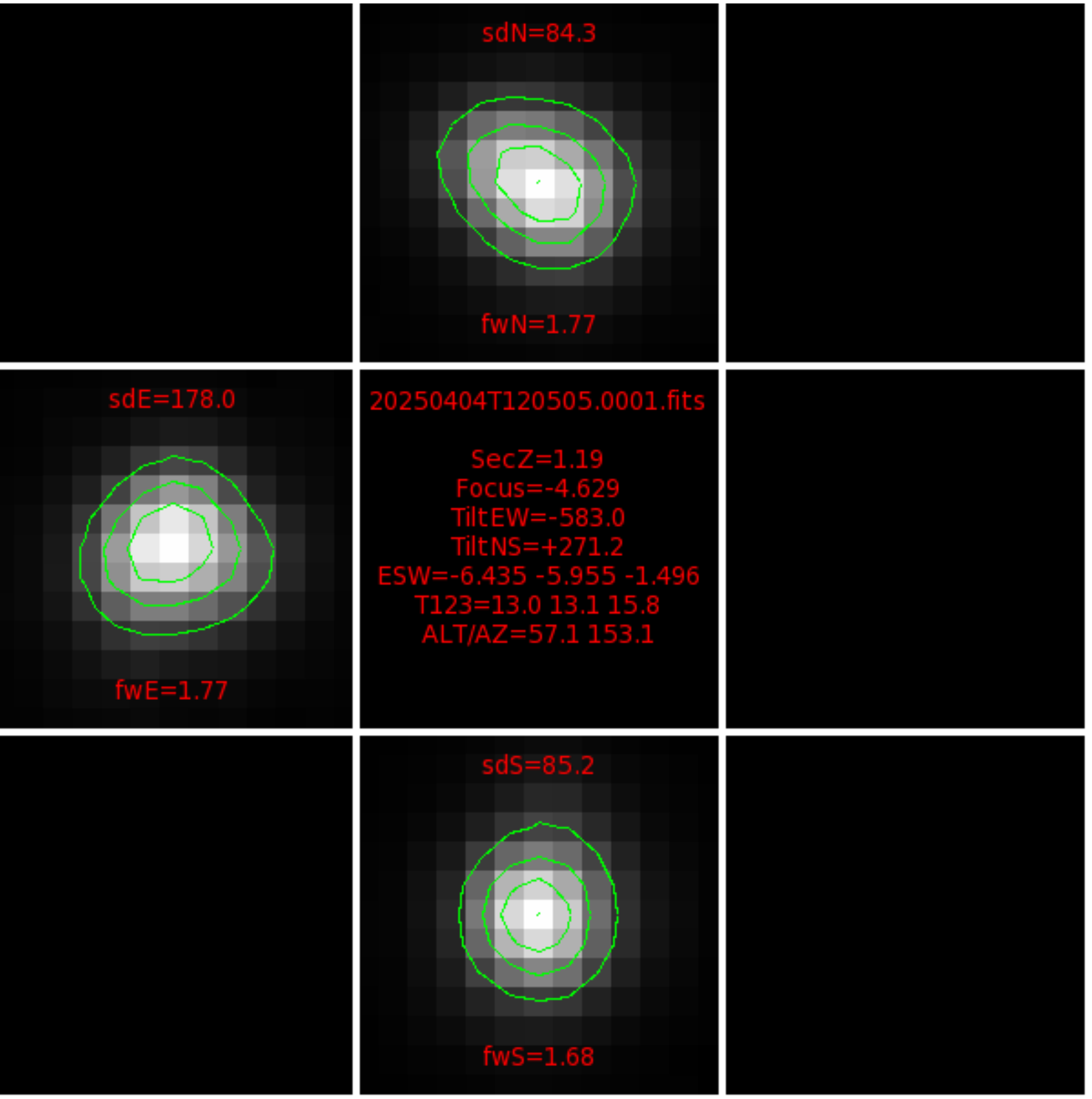

sdN=10.6
fwN=1.88
sdE=26.5
fwE=1.90
20250404T120216.0001.fits
SecZ=1.23
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.1 15.8
ALT/AZ=54.4 141.6
fwAVG=1.86
sdW=31.6
fwW=1.86
sdS=20.6
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=10.5
fwN=1.94
sdE=27.0
fwE=1.89
20250404T120242.0001.fits
SecZ=1.23
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.1 15.8
ALT/AZ=54.4 141.7
fwAVG=1.84
sdW=32.5
fwW=1.80
sdS=21.0
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=36.6
fwN=1.86
sdE=92.1
fwE=1.79
20250404T120413.0001.fits
SecZ=1.19
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.1 15.8
ALT/AZ=57.0 152.7
fwAVG=1.77
sdW=56.2
fwW=1.92
sdS=42.6
fwS=1.51
0 0 0 0 0 0 0 0 0


sdN=85.2
fwN=1.89
sdE=187.9
fwE=1.80
20250404T120440.0001.fits
SecZ=1.19
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.1 15.8
ALT/AZ=57.1 152.9
fwAVG=1.81
sdW=144.8
fwW=1.88
sdS=88.9
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=84.3
fwN=1.77
sdE=178.0
fwE=1.77
20250404T120505.0001.fits
SecZ=1.19
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.1 15.8
ALT/AZ=57.1 153.1
sdS=85.2
fwS=1.68
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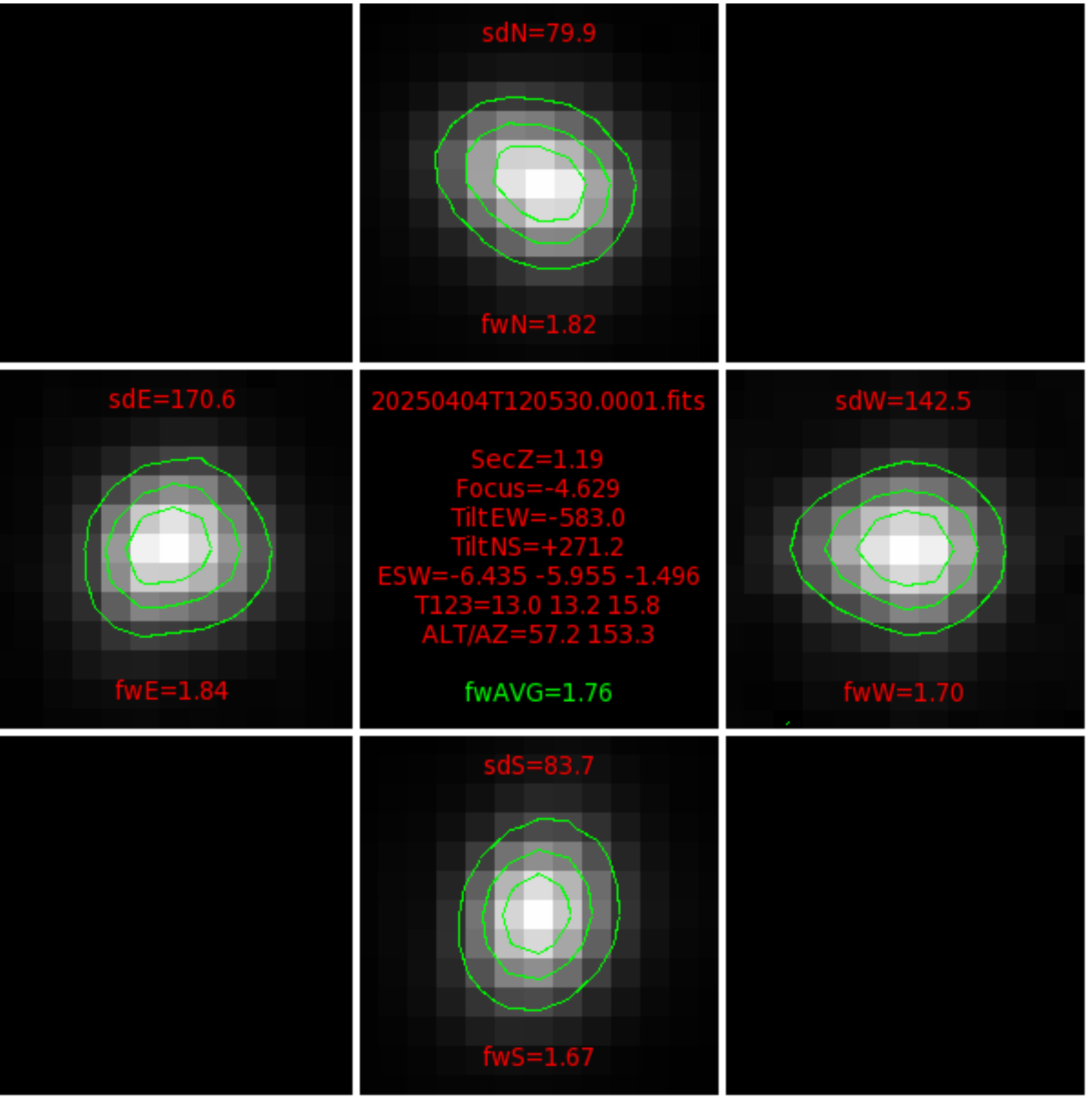
sdN=79.9
fwN=1.82
sdE=170.6
fwE=1.84
20250404T120530.0001.fits
SecZ=1.19
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.2 15.8
ALT/AZ=57.2 153.3
fwAVG=1.76
sdW=142.5
fwW=1.70
sdS=83.7
fwS=1.67
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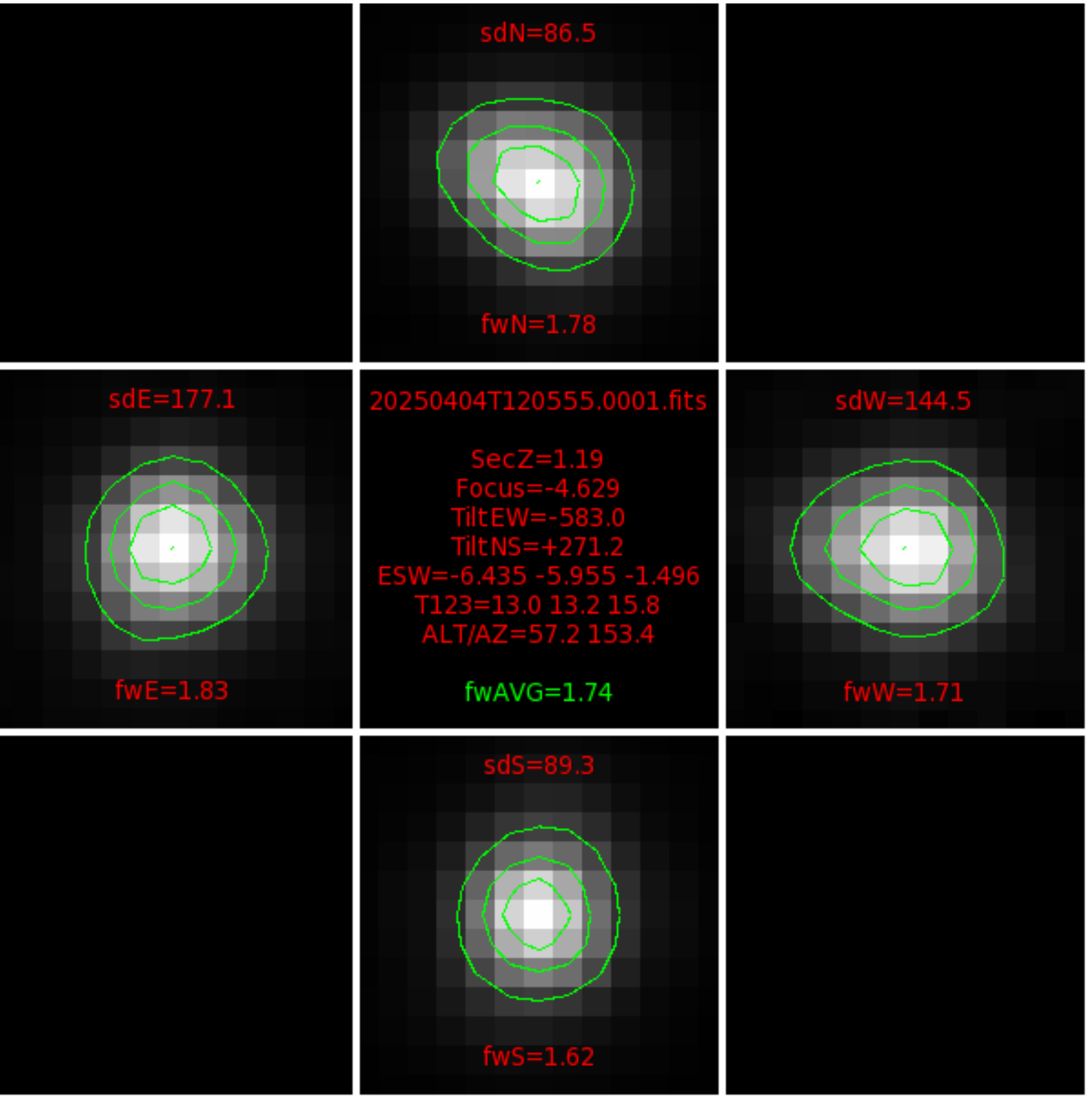
sdN=86.5
fwN=1.78
sdE=177.1
fwE=1.83
20250404T120555.0001.fits
SecZ=1.19
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.2 15.8
ALT/AZ=57.2 153.4
fwAVG=1.74
sdW=144.5
fwW=1.71
sdS=89.3
fwS=1.62
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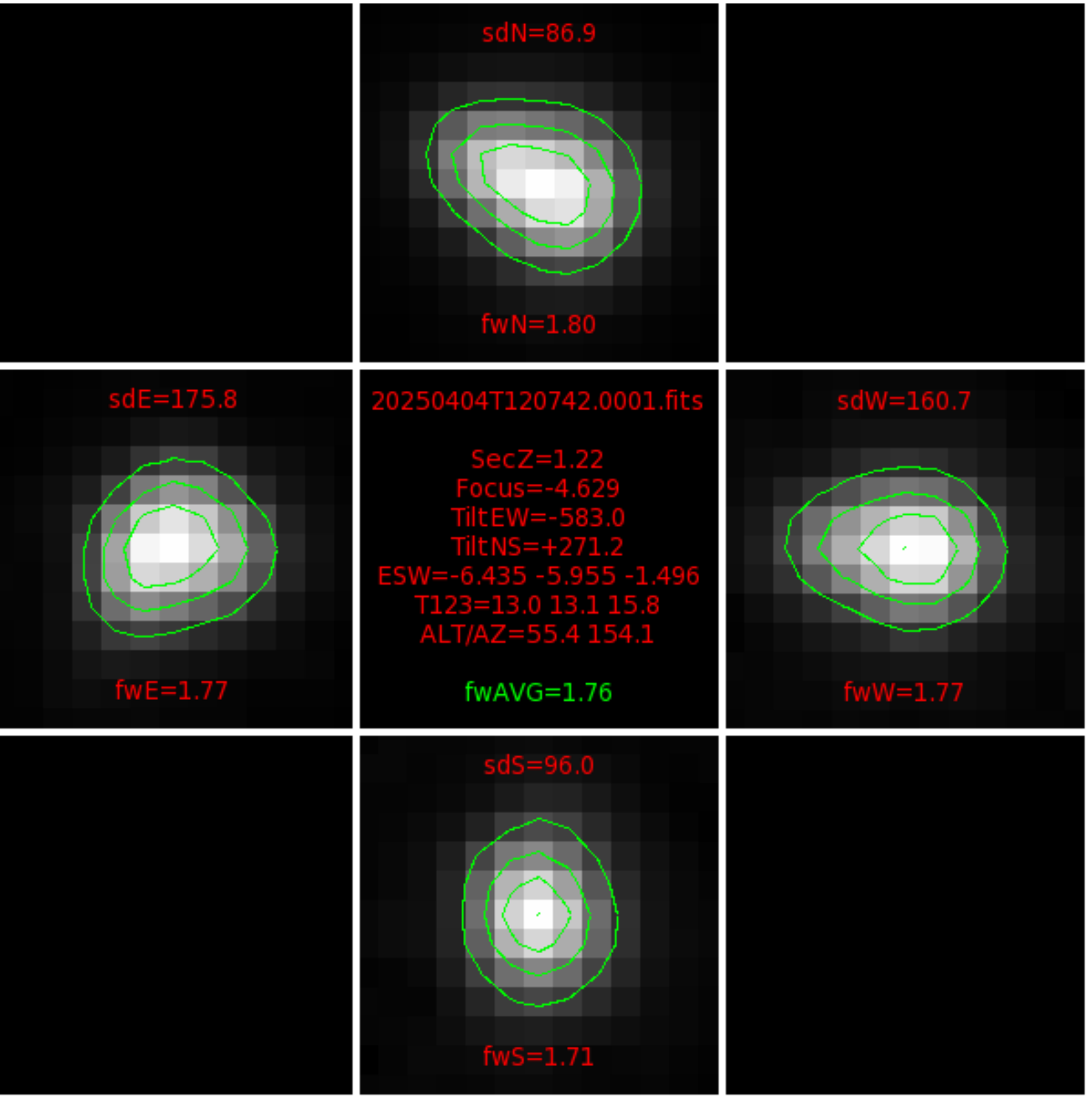
sdN=86.9
fwN=1.80
sdE=175.8
fwE=1.77
20250404T120742.0001.fits
SecZ=1.22
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.1 15.8
ALT/AZ=55.4 154.1
fwAVG=1.76
sdW=160.7
fwW=1.77
sdS=96.0
fwS=1.71
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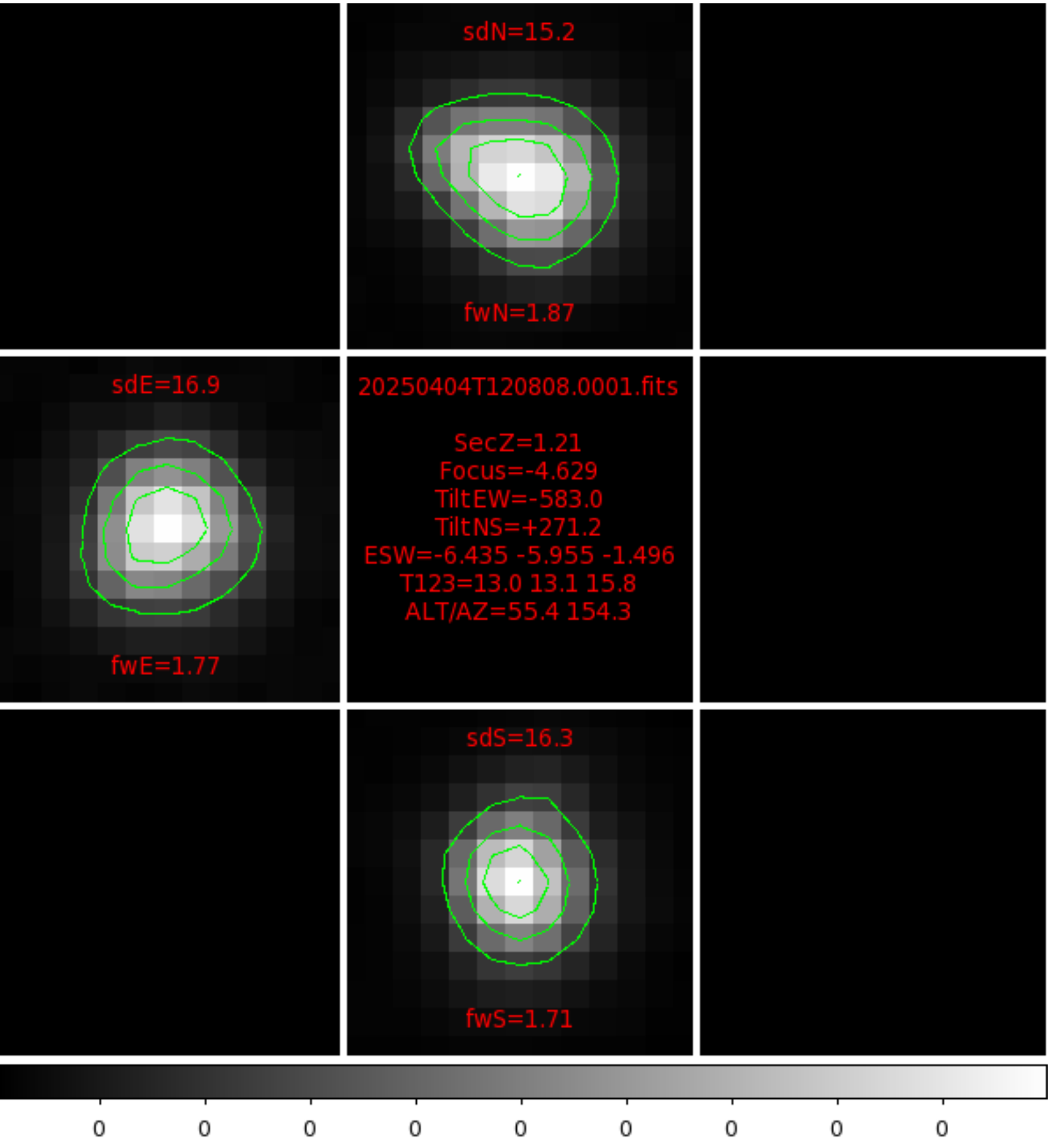
sdN=15.2
fwN=1.87
sdE=16.9
fwE=1.77
20250404T120808.0001.fits
SecZ=1.21
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.1 15.8
ALT/AZ=55.4 154.3
sdS=16.3
fwS=1.71
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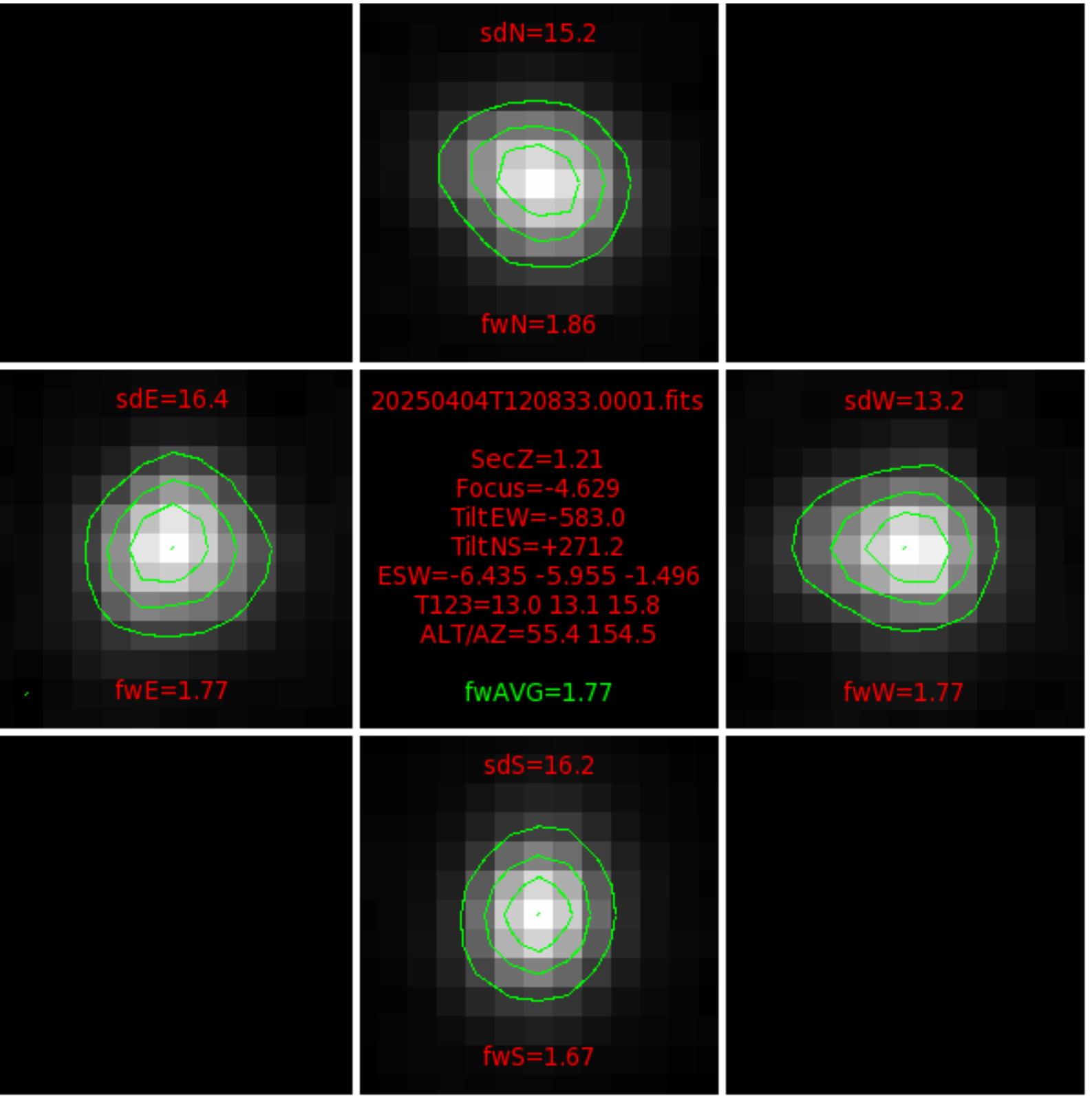
sdN=15.2
fwN=1.86
sdE=16.4
fwE=1.77
20250404T120833.0001.fits
SecZ=1.21
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.1 15.8
ALT/AZ=55.4 154.5
fwAVG=1.77
sdW=13.2
fwW=1.77
sdS=16.2
fwS=1.67
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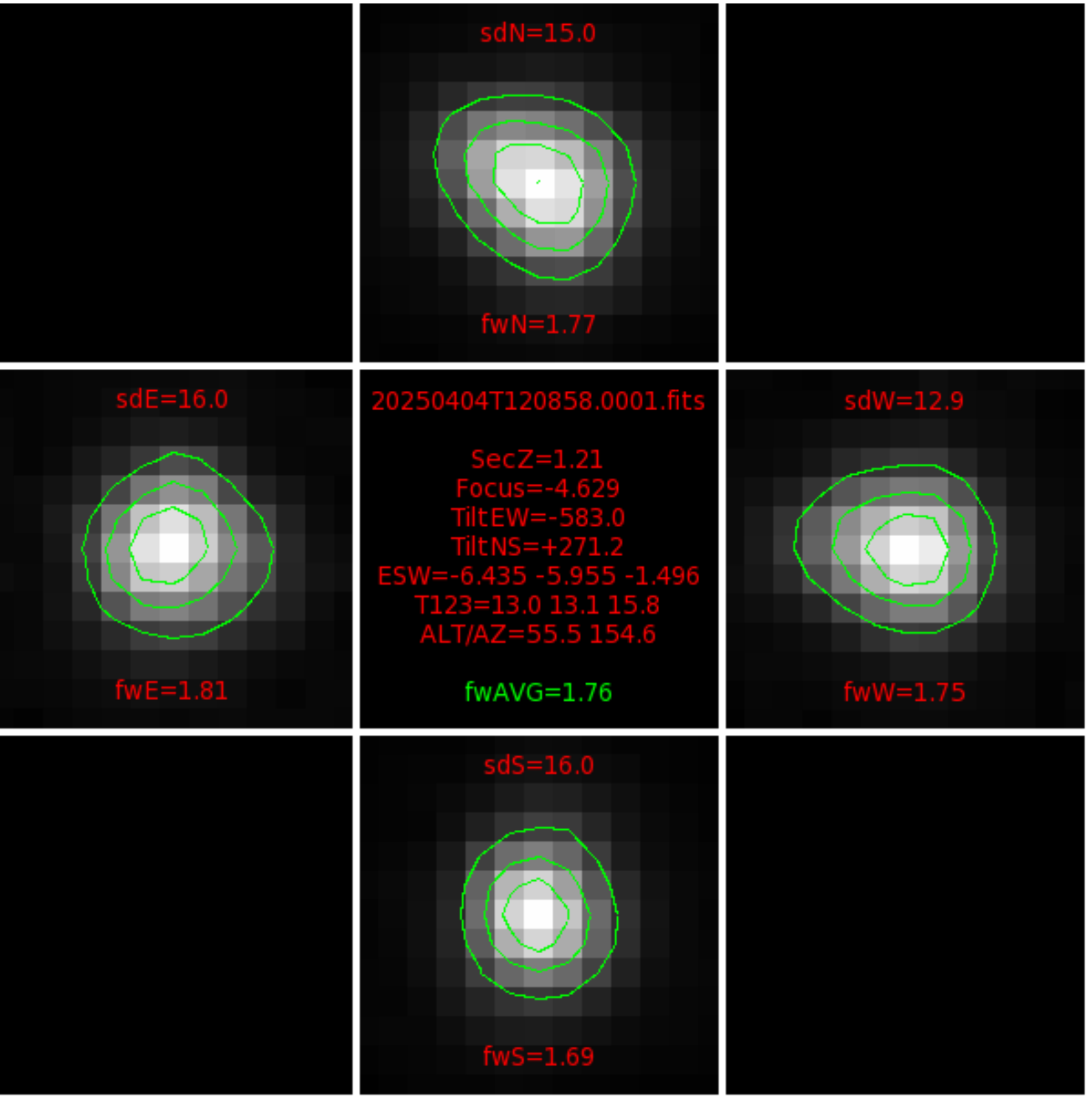
sdN=15.0
fwN=1.77
sdE=16.0
fwE=1.81
20250404T120858.0001.fits
SecZ=1.21
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=13.0 13.1 15.8
ALT/AZ=55.5 154.6
fwAVG=1.76
sdW=12.9
fwW=1.75
sdS=16.0
fwS=1.69
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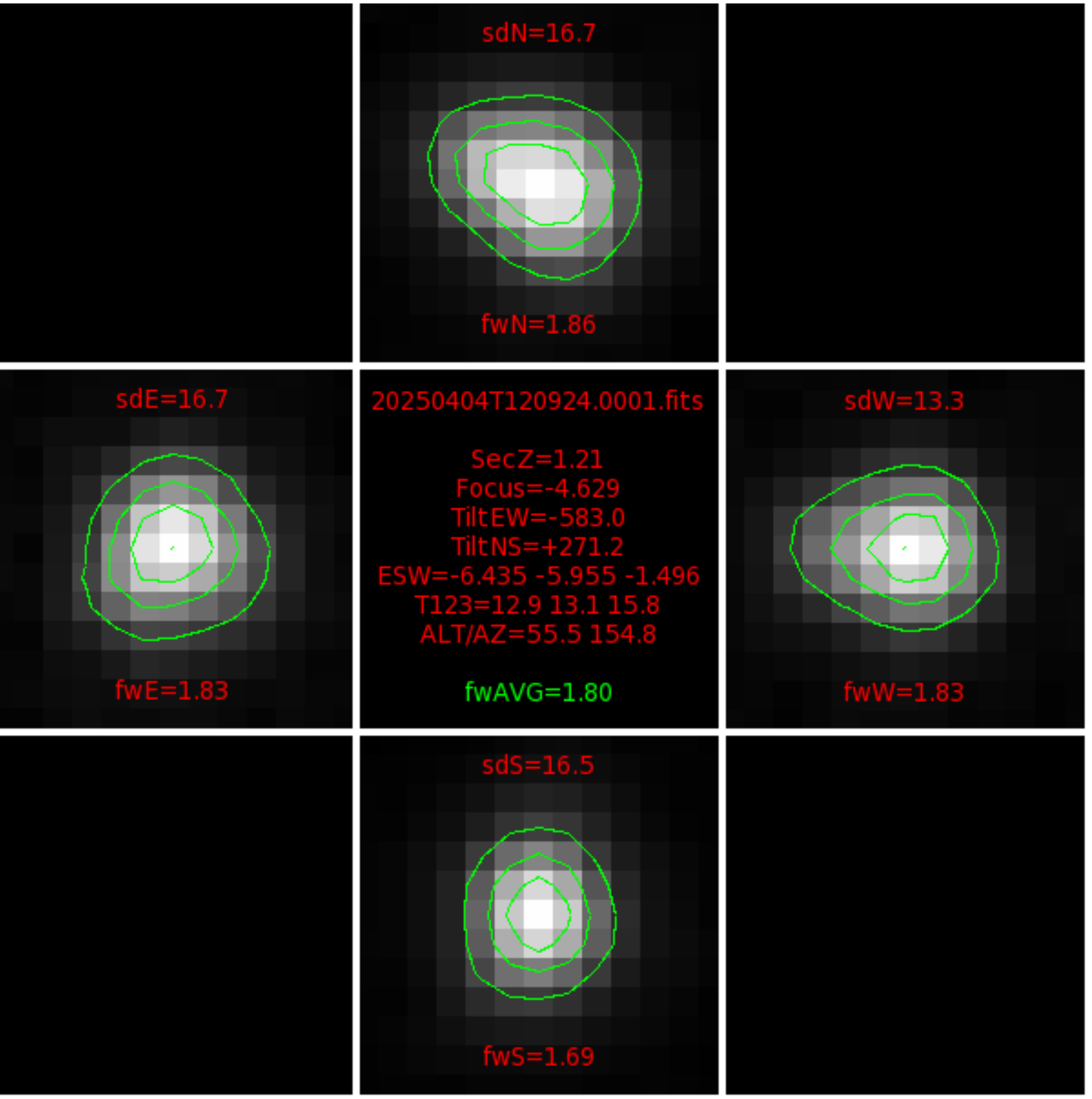
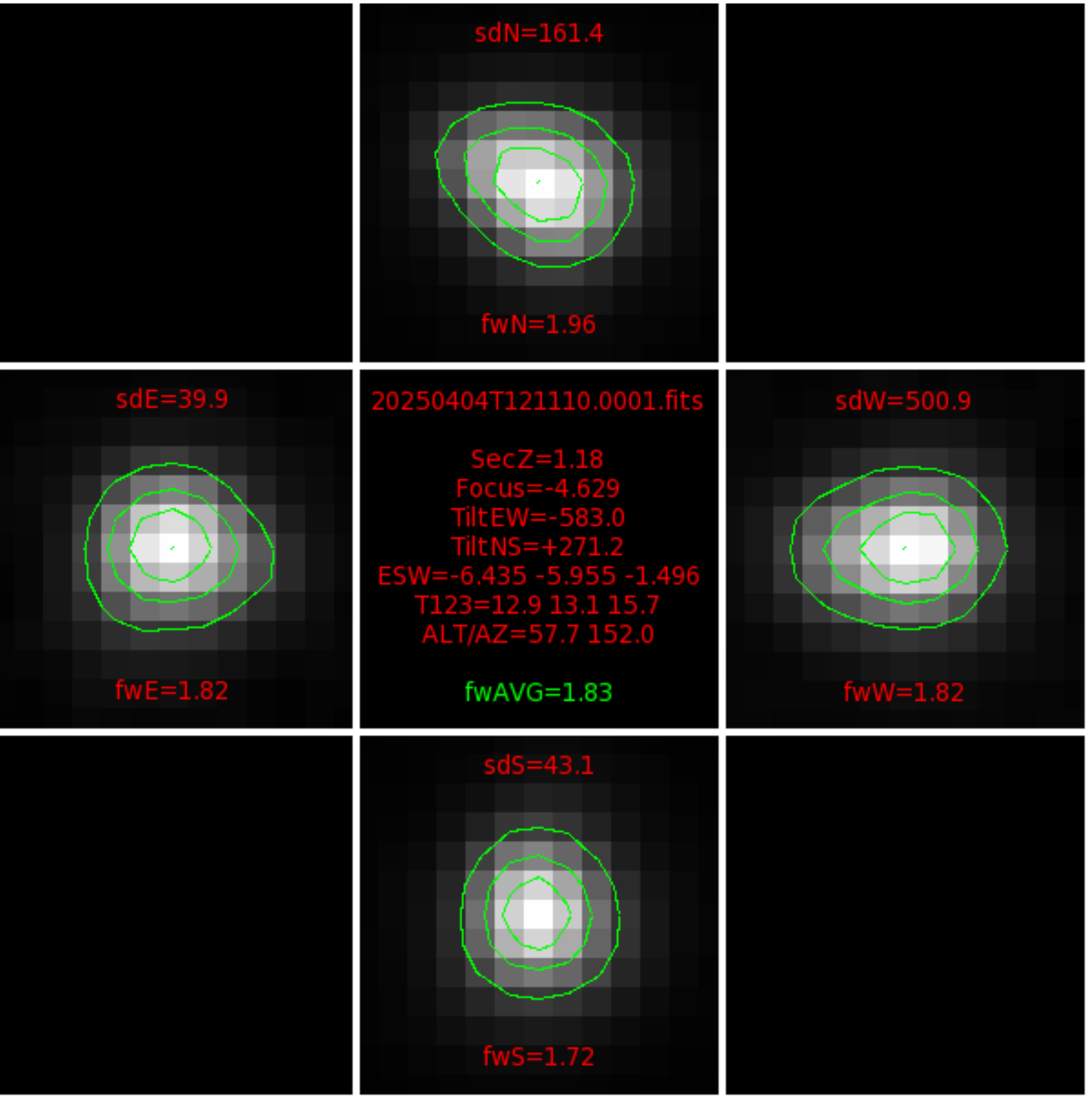
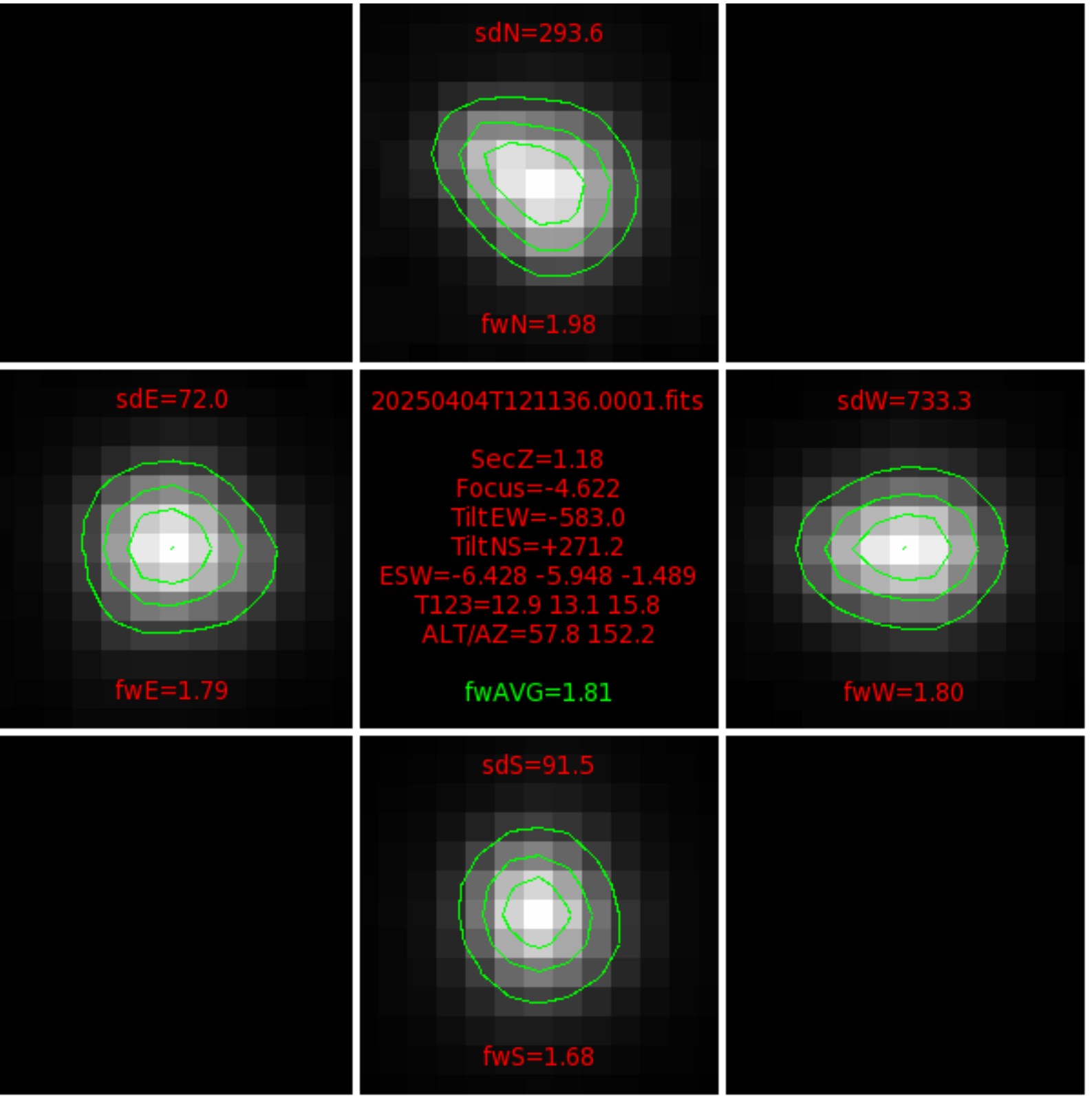

sdN=16.7
fwN=1.86
sdE=16.7
fwE=1.83
20250404T120924.0001.fits
SecZ=1.21
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=12.9 13.1 15.8
ALT/AZ=55.5 154.8
fwAVG=1.80
sdW=13.3
fwW=1.83
sdS=16.5
fwS=1.69
0 0 0 0 0 0 0 0 0


sdN=161.4
fwN=1.96
sdE=39.9
fwE=1.82
20250404T121110.0001.fits
SecZ=1.18
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=12.9 13.1 15.7
ALT/AZ=57.7 152.0
fwAVG=1.83
sdW=500.9
fwW=1.82
sdS=43.1
fwS=1.72
0 0 0 0 0 0 0 0 0


sdN=293.6
fwN=1.98
sdE=72.0
fwE=1.79
20250404T121136.0001.fits
SecZ=1.18
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.9 13.1 15.8
ALT/AZ=57.8 152.2
fwAVG=1.81
sdW=733.3
fwW=1.80
sdS=91.5
fwS=1.68
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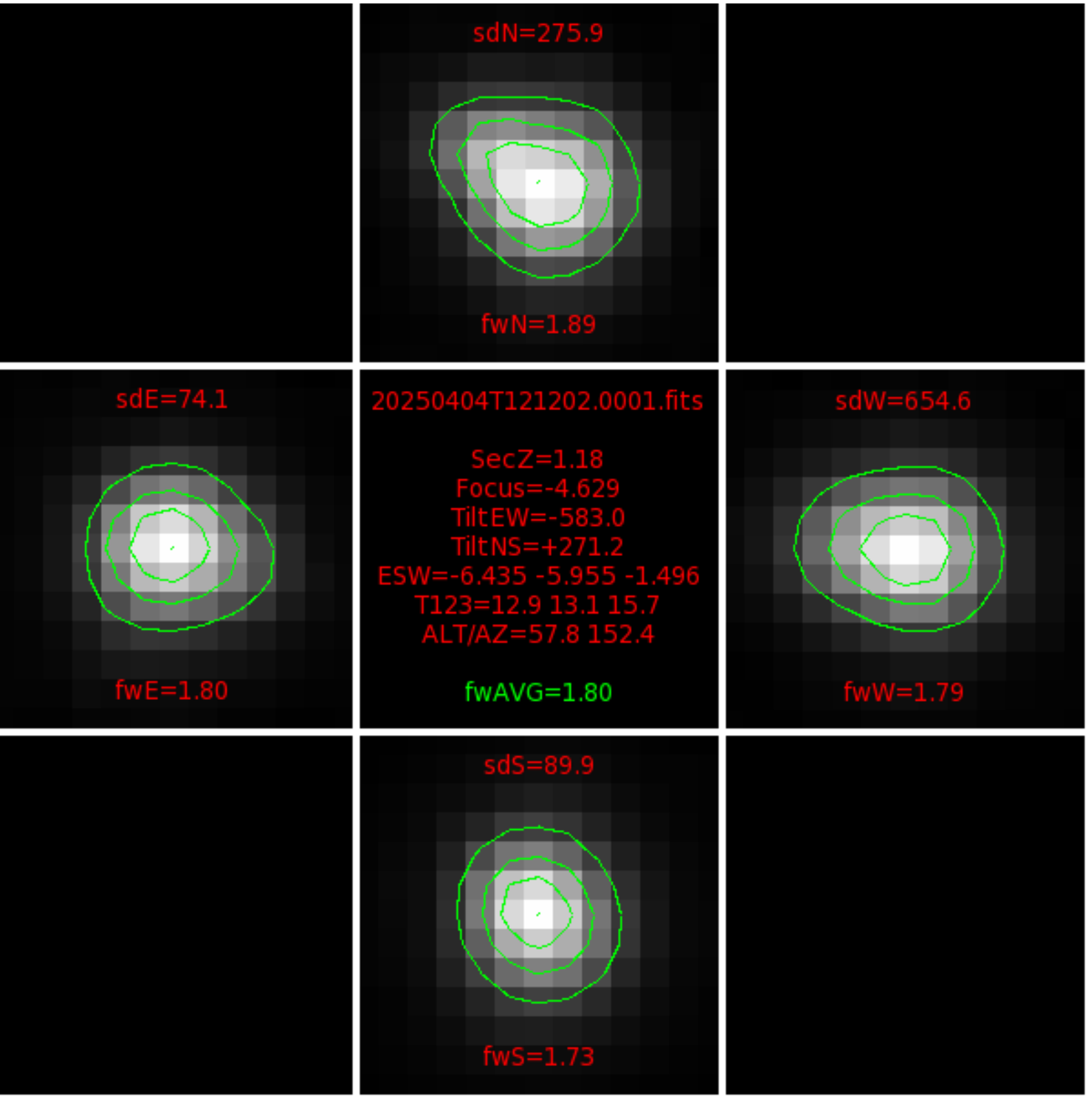
sdN=275.9
fwN=1.89
sdE=74.1
fwE=1.80
20250404T121202.0001.fits
SecZ=1.18
Focus=-4.629
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.435 -5.955 -1.496
T123=12.9 13.1 15.7
ALT/AZ=57.8 152.4
fwAVG=1.80
sdW=654.6
fwW=1.79
sdS=89.9
fwS=1.73
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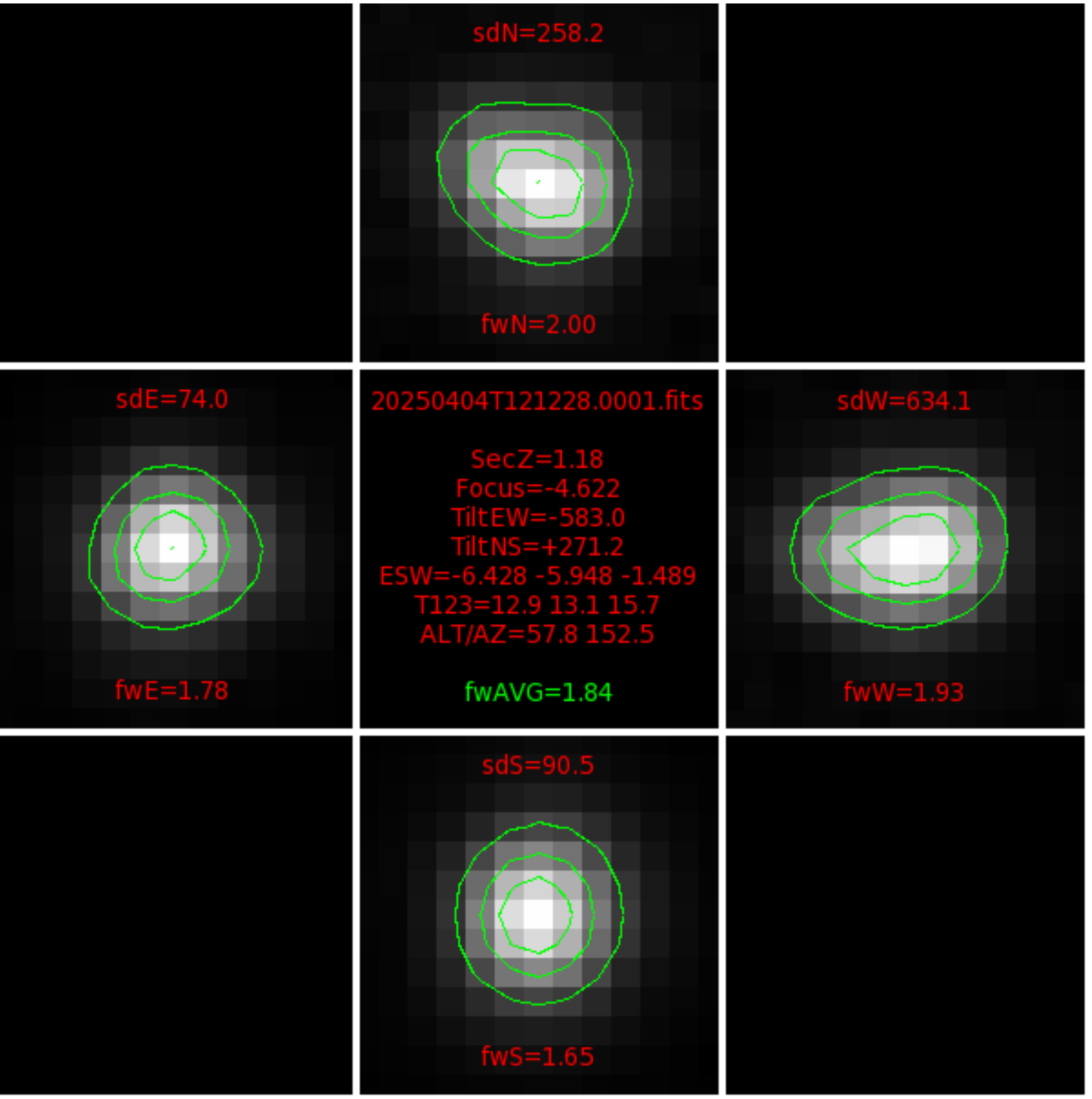
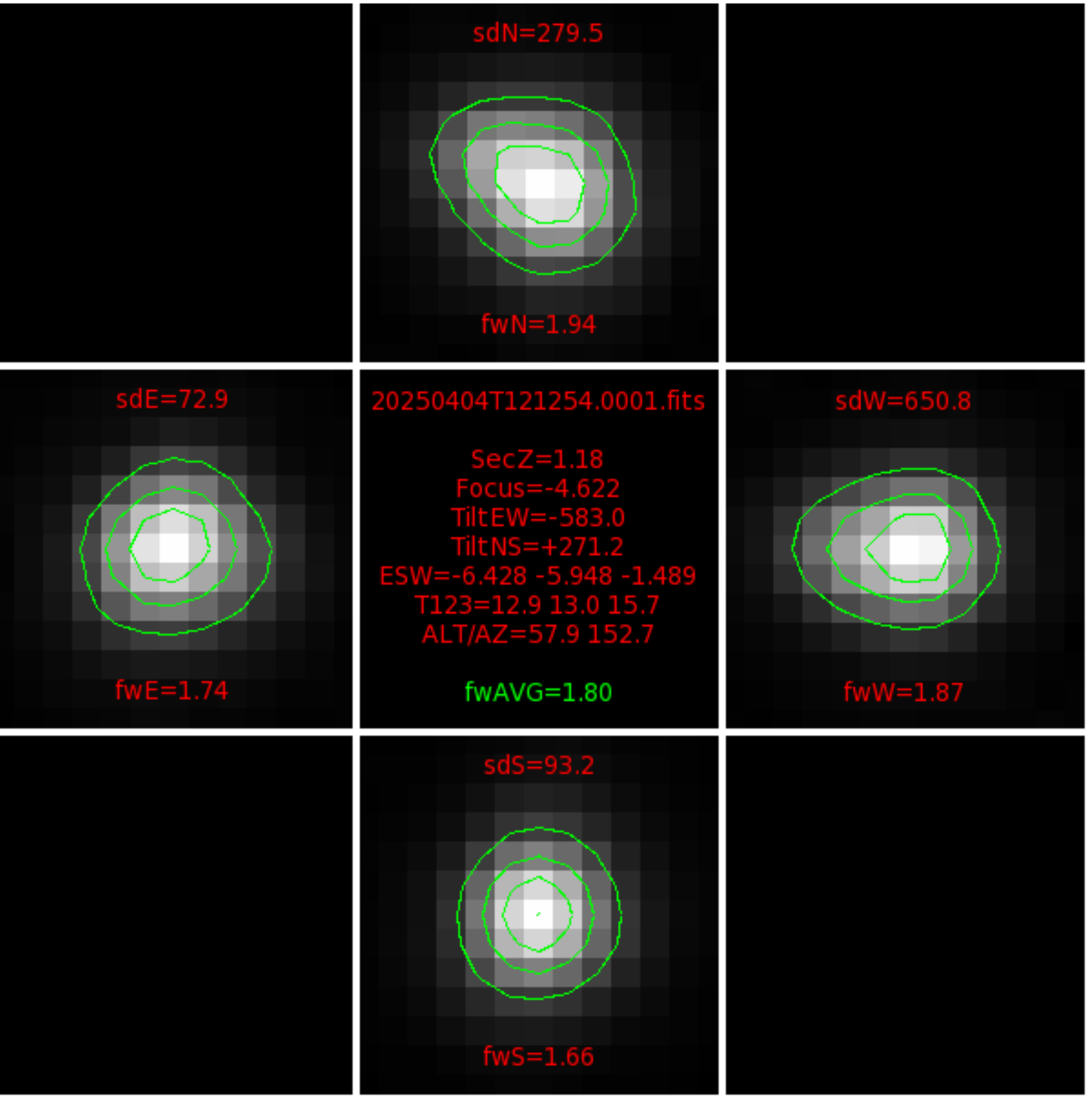

sdN=258.2
fwN=2.00
sdE=74.0
fwE=1.78
20250404T121228.0001.fits
SecZ=1.18
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.9 13.1 15.7
ALT/AZ=57.8 152.5
fwAVG=1.84
sdW=634.1
fwW=1.93
sdS=90.5
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=279.5
fwN=1.94
sdE=72.9
fwE=1.74
20250404T121254.0001.fits
SecZ=1.18
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.9 13.0 15.7
ALT/AZ=57.9 152.7
fwAVG=1.80
sdW=650.8
fwW=1.87
sdS=93.2
fwS=1.66
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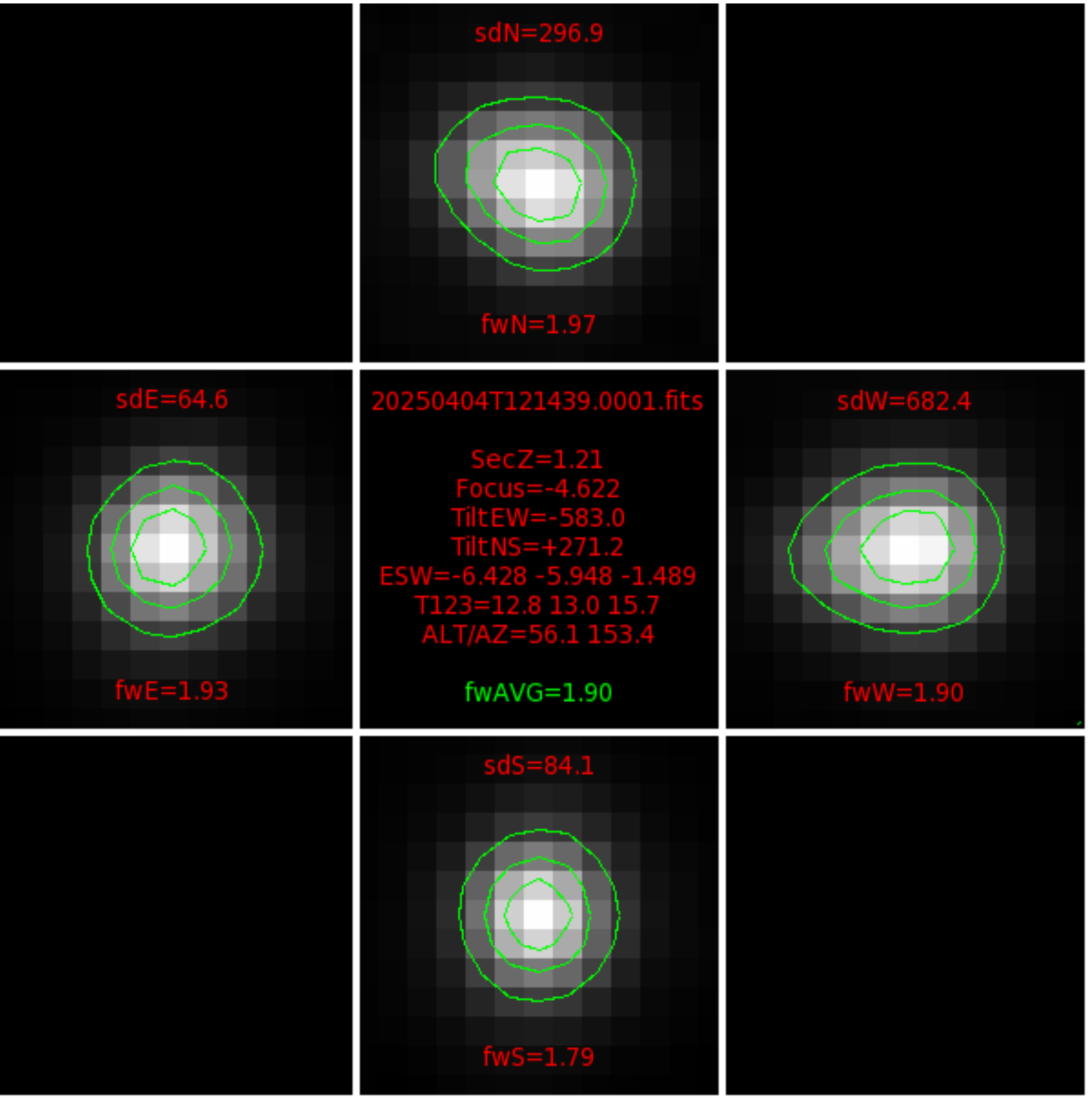
sdN=296.9
fwN=1.97
sdE=64.6
fwE=1.93
20250404T121439.0001.fits
SecZ=1.21
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.8 13.0 15.7
ALT/AZ=56.1 153.4
fwAVG=1.90
sdW=682.4
fwW=1.90
sdS=84.1
fwS=1.79
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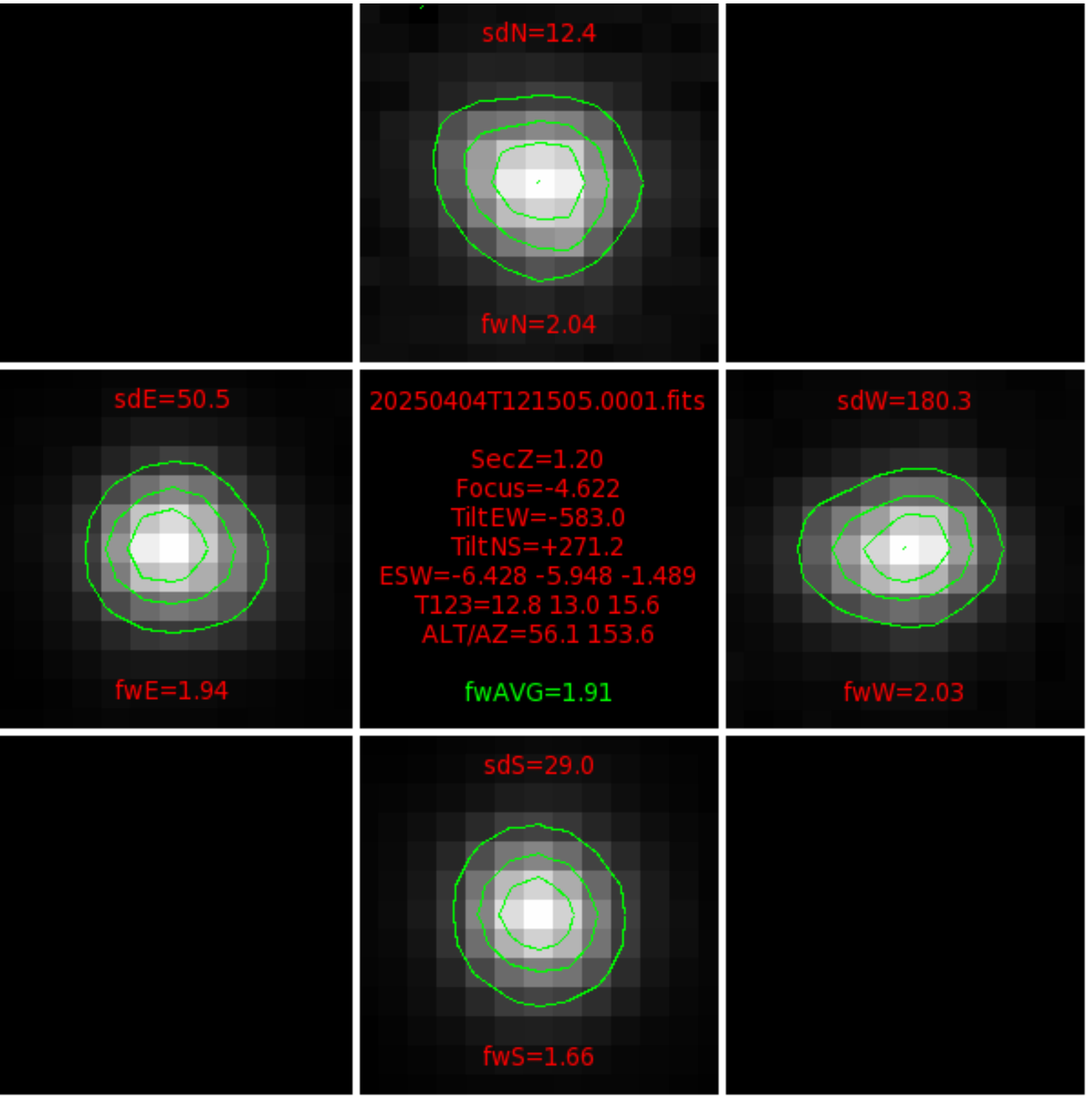
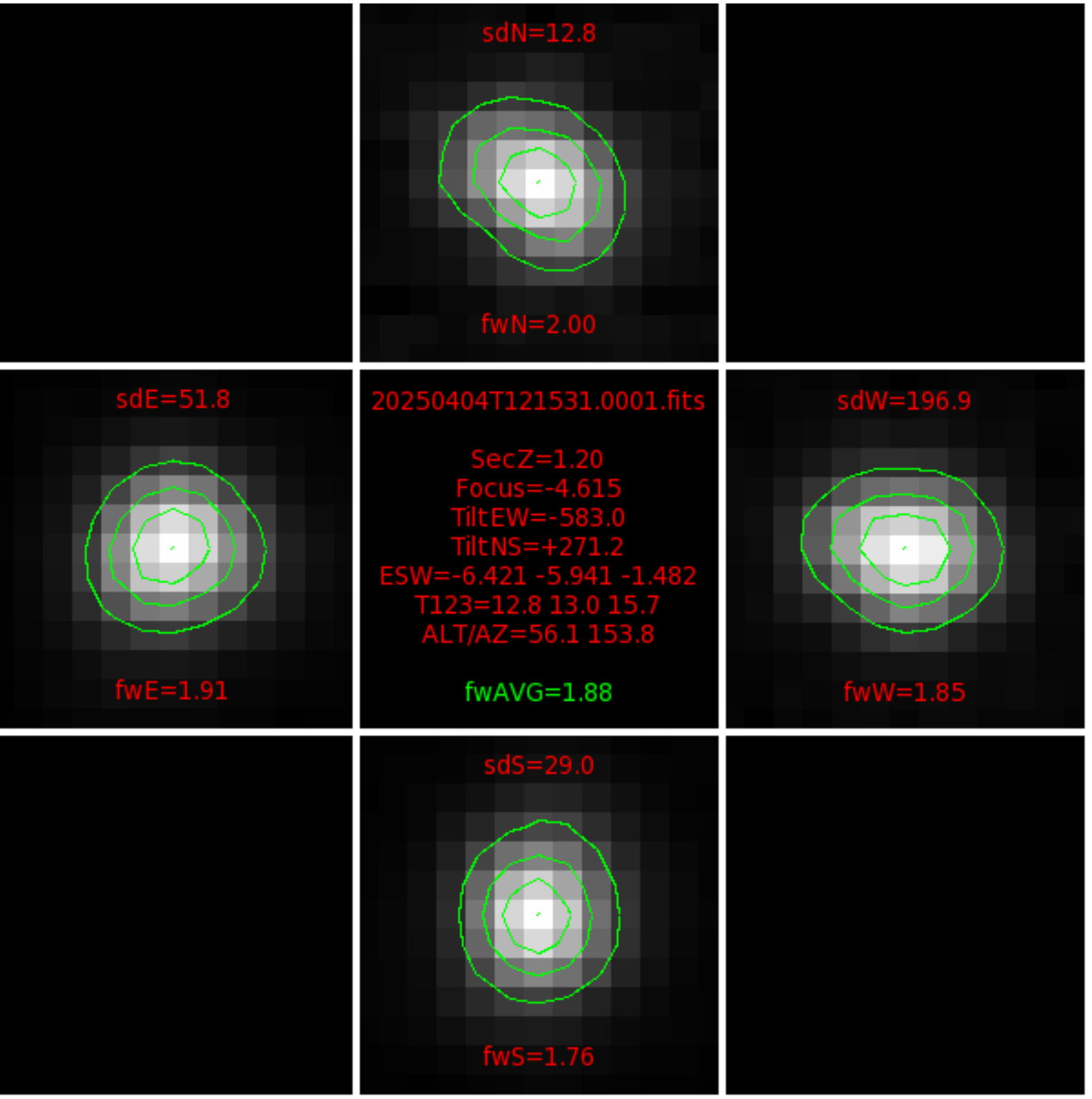
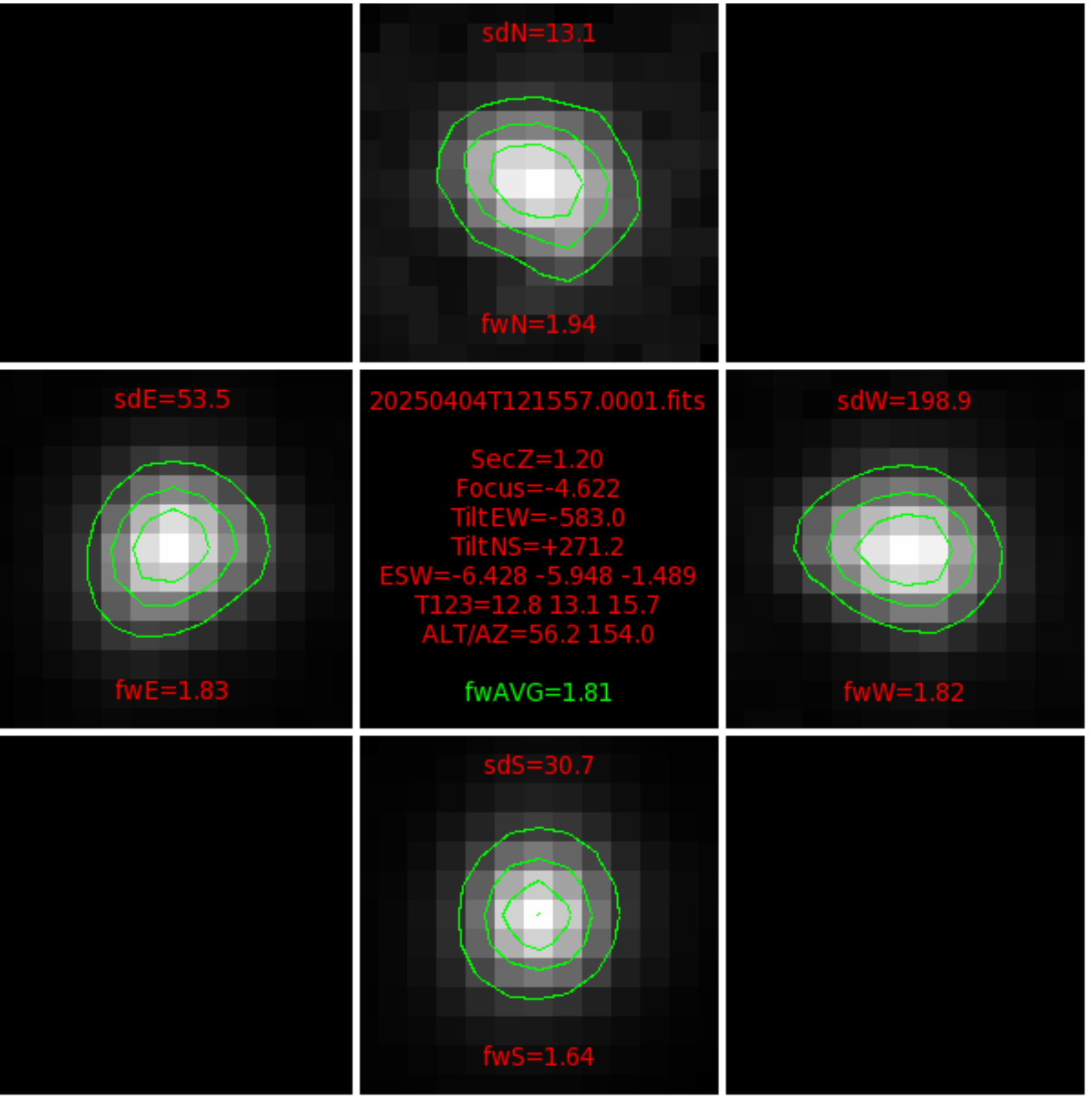

sdN=12.4
fwN=2.04
sdE=50.5
fwE=1.94
20250404T121505.0001.fits
SecZ=1.20
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.8 13.0 15.6
ALT/AZ=56.1 153.6
fwAVG=1.91
sdW=180.3
fwW=2.03
sdS=29.0
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=12.8
fwN=2.00
sdE=51.8
fwE=1.91
20250404T121531.0001.fits
SecZ=1.20
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.8 13.0 15.7
ALT/AZ=56.1 153.8
fwAVG=1.88
sdW=196.9
fwW=1.85
sdS=29.0
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=13.1
fwN=1.94
sdE=53.5
fwE=1.83
20250404T121557.0001.fits
SecZ=1.20
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.8 13.1 15.7
ALT/AZ=56.2 154.0
fwAVG=1.81
sdW=198.9
fwW=1.82
sdS=30.7
fwS=1.64
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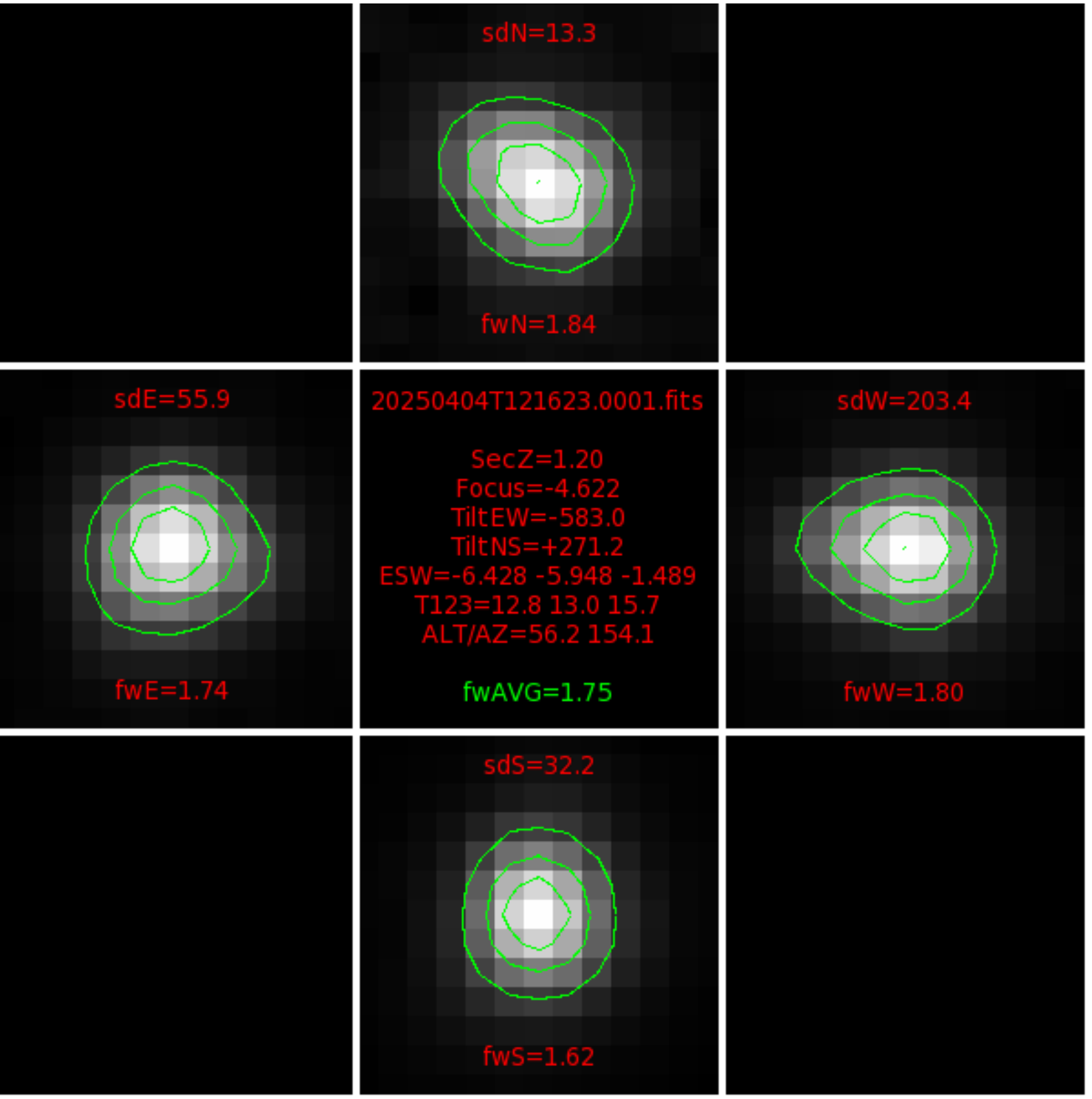
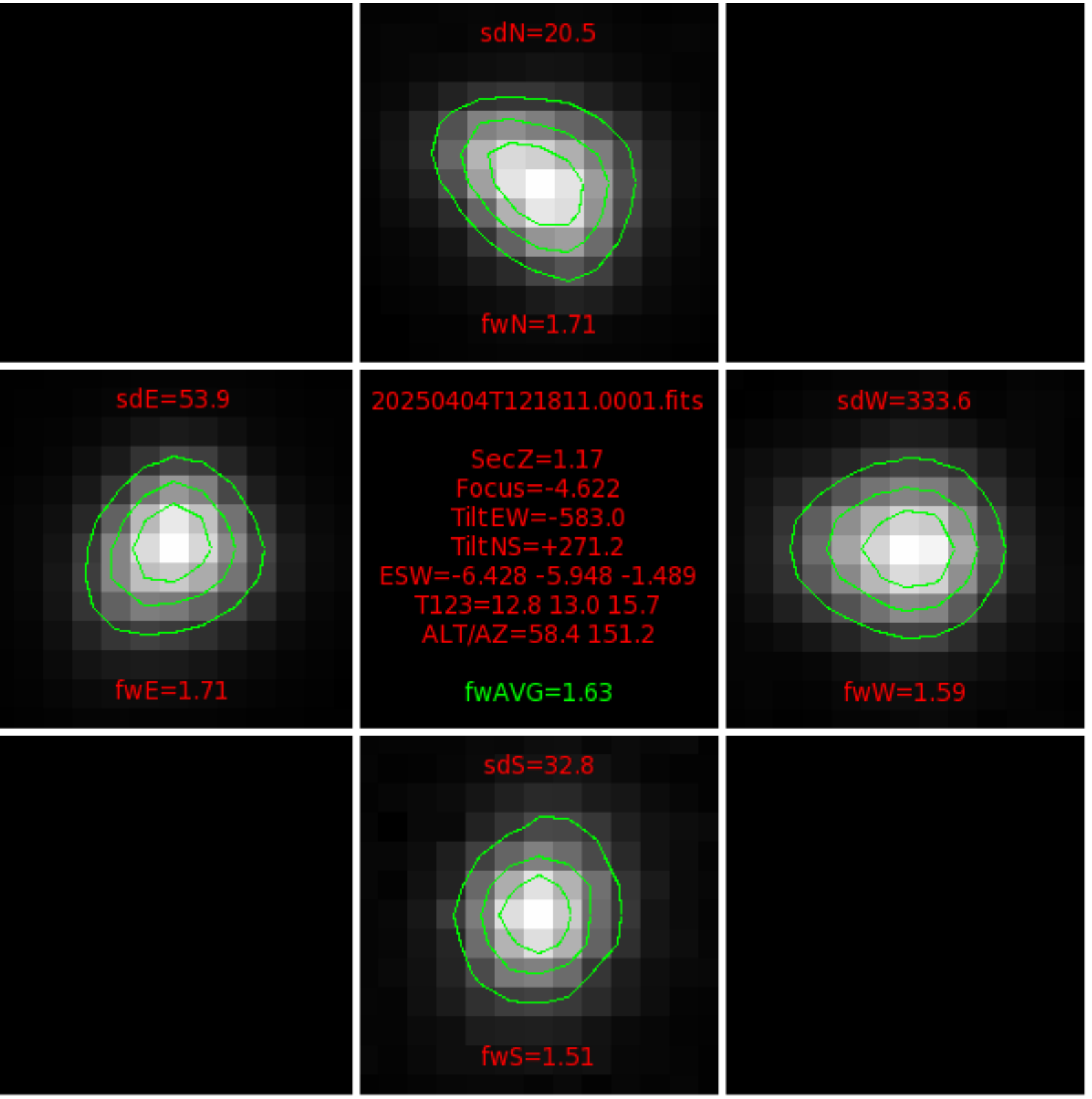

sdN=13.3
fwN=1.84
sdE=55.9
fwE=1.74
20250404T121623.0001.fits
SecZ=1.20
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.8 13.0 15.7
ALT/AZ=56.2 154.1
fwAVG=1.75
sdW=203.4
fwW=1.80
sdS=32.2
fwS=1.62
0 0 0 0 0 0 0 0 0


sdN=20.5
fwN=1.71
sdE=53.9
fwE=1.71
20250404T121811.0001.fits
SecZ=1.17
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.8 13.0 15.7
ALT/AZ=58.4 151.2
fwAVG=1.63
sdW=333.6
fwW=1.59
sdS=32.8
fwS=1.51
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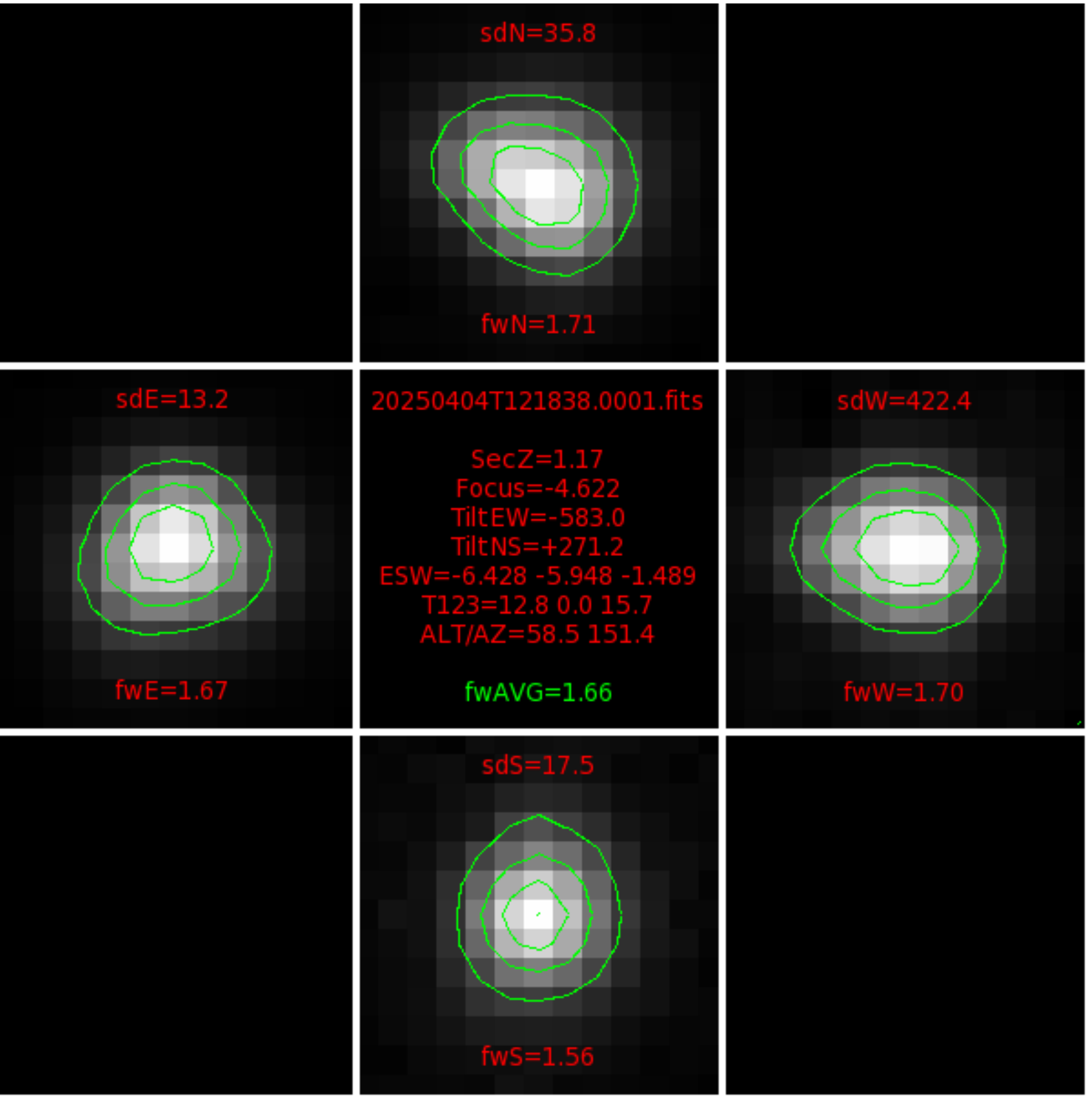
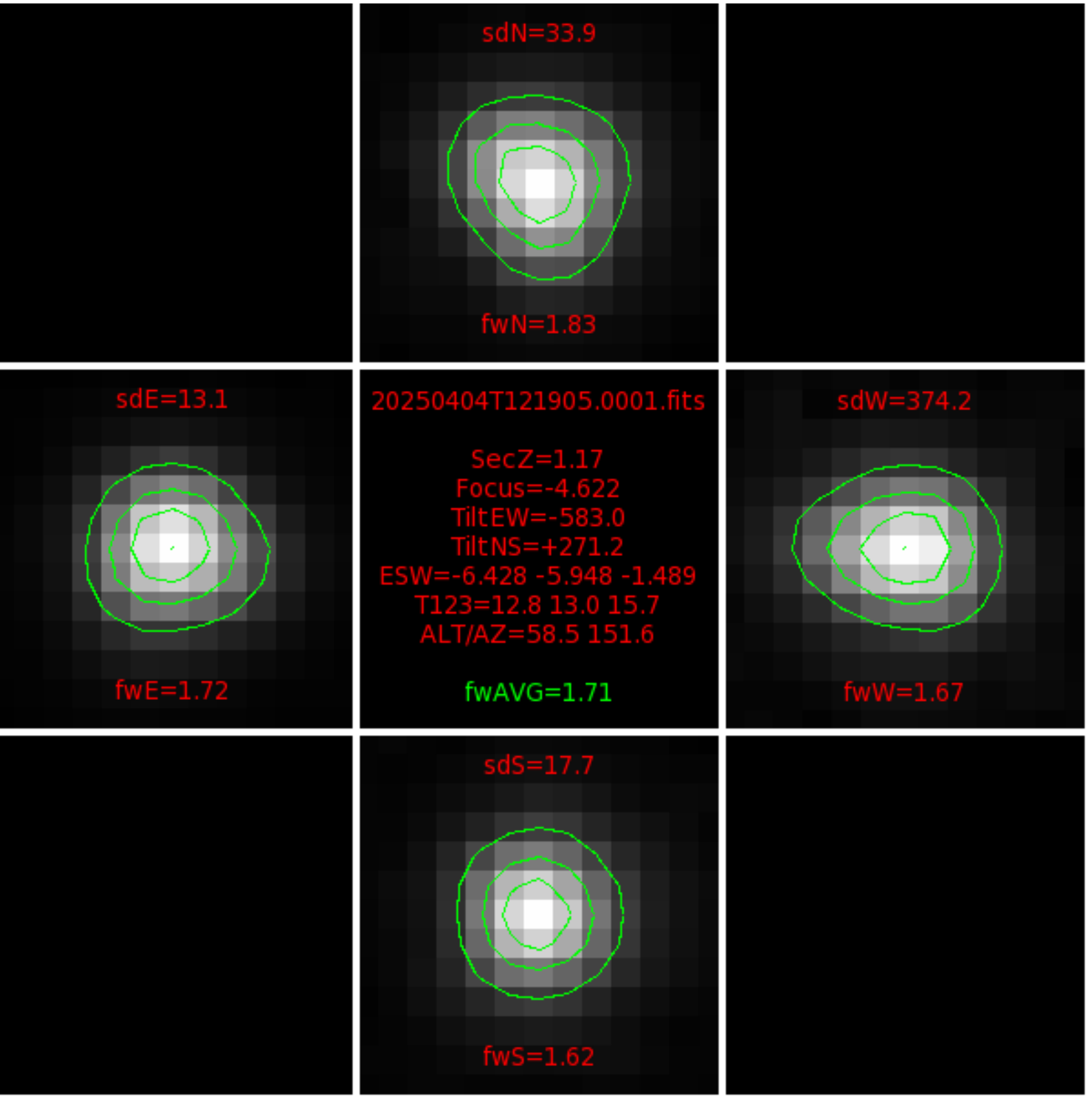

sdN=35.8
fwN=1.71
sdE=13.2
fwE=1.67
20250404T121838.0001.fits
SecZ=1.17
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.8 0.0 15.7
ALT/AZ=58.5 151.4
fwAVG=1.66
sdW=422.4
fwW=1.70
sdS=17.5
fwS=1.56
0 0 0 0 0 0 0 0 0


sdN=33.9
fwN=1.83
sdE=13.1
fwE=1.72
20250404T121905.0001.fits
SecZ=1.17
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.8 13.0 15.7
ALT/AZ=58.5 151.6
fwAVG=1.71
sdW=374.2
fwW=1.67
sdS=17.7
fwS=1.62
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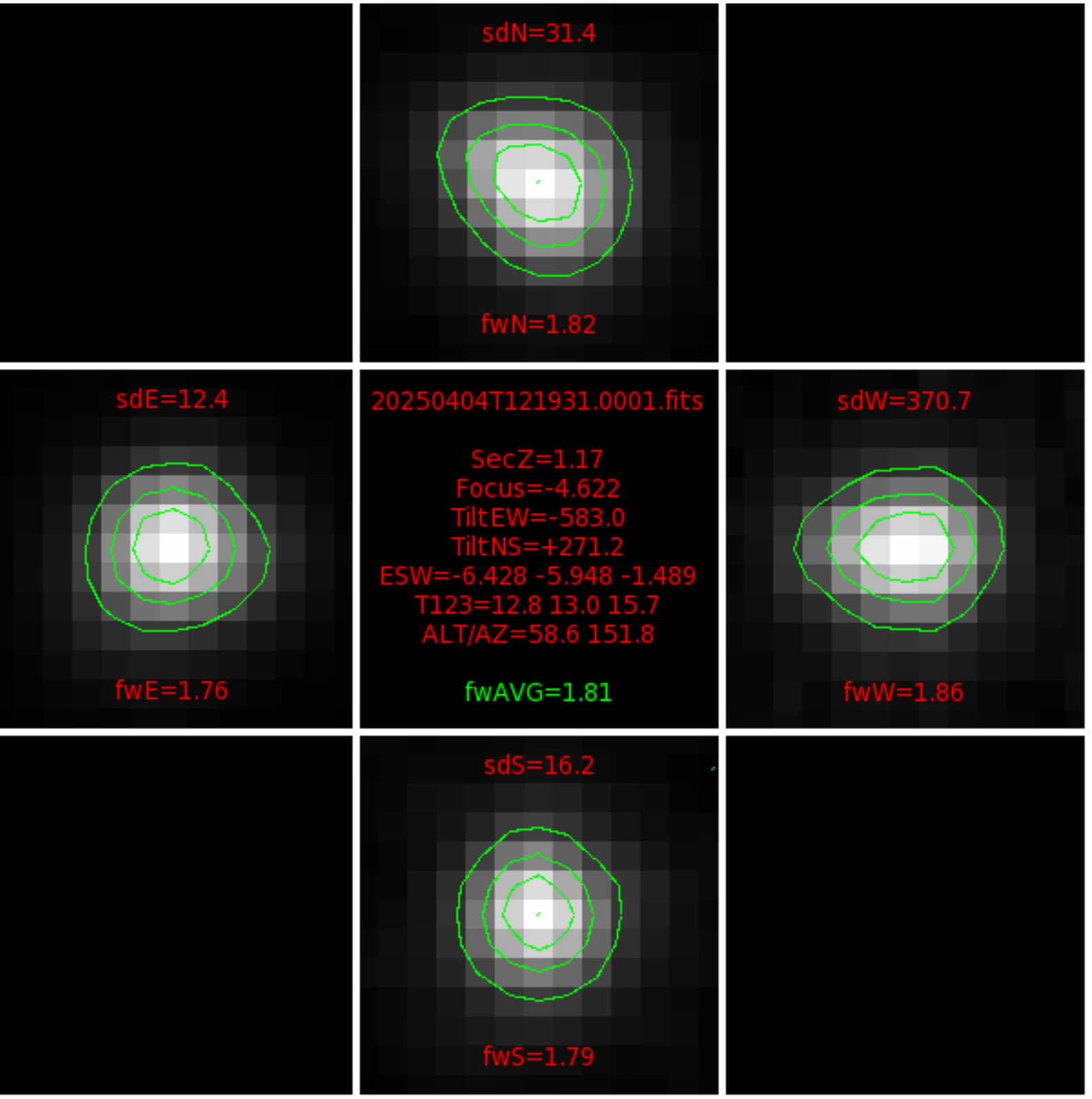
sdN=31.4
fwN=1.82
sdE=12.4
fwE=1.76
20250404T121931.0001.fits
SecZ=1.17
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.8 13.0 15.7
ALT/AZ=58.6 151.8
fwAVG=1.81
sdW=370.7
fwW=1.86
sdS=16.2
fwS=1.79
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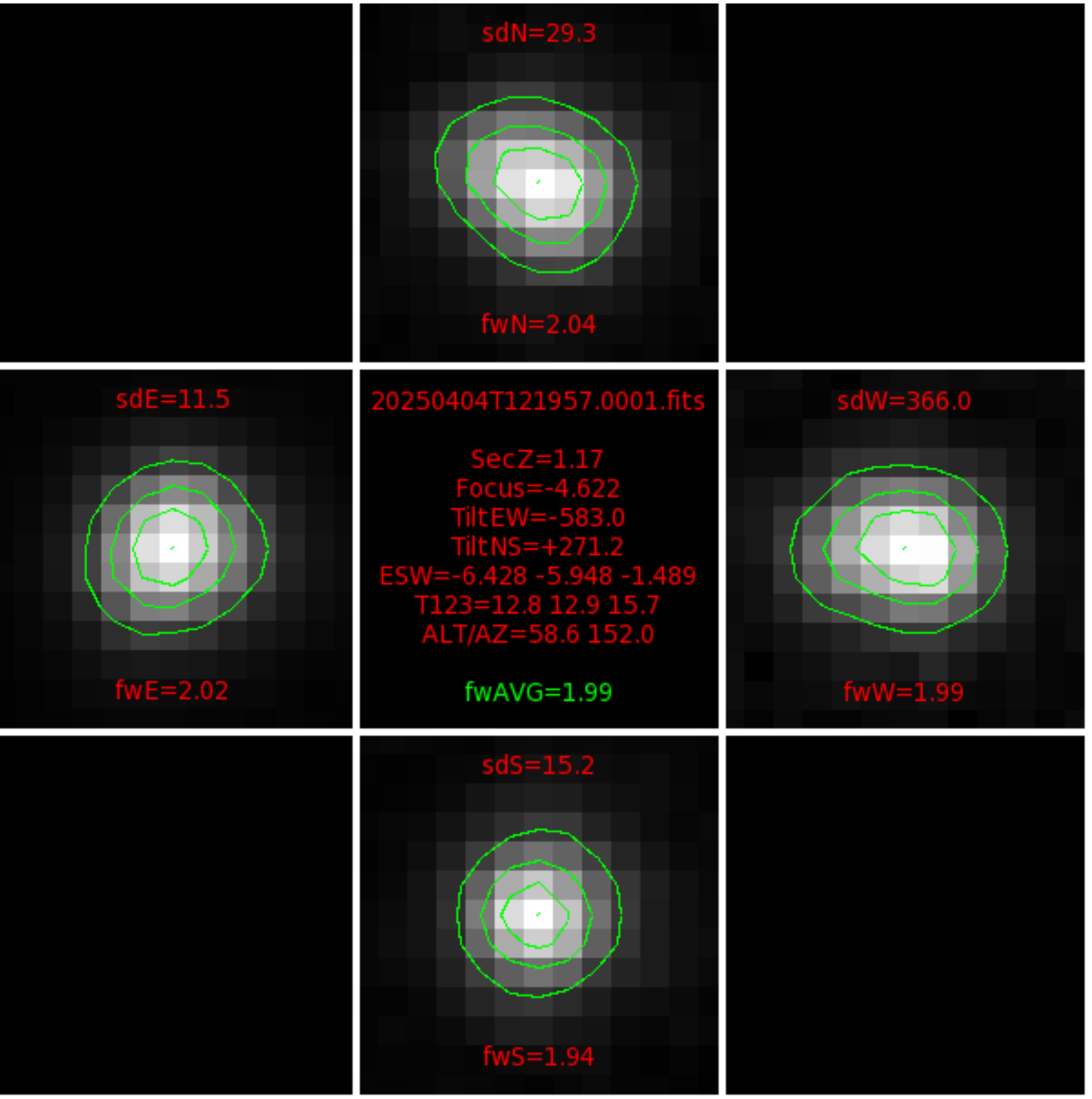
sdN=29.3
fwN=2.04
sdE=11.5
fwE=2.02
20250404T121957.0001.fits
SecZ=1.17
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.8 12.9 15.7
ALT/AZ=58.6 152.0
fwAVG=1.99
sdW=366.0
fwW=1.99
sdS=15.2
fwS=1.94
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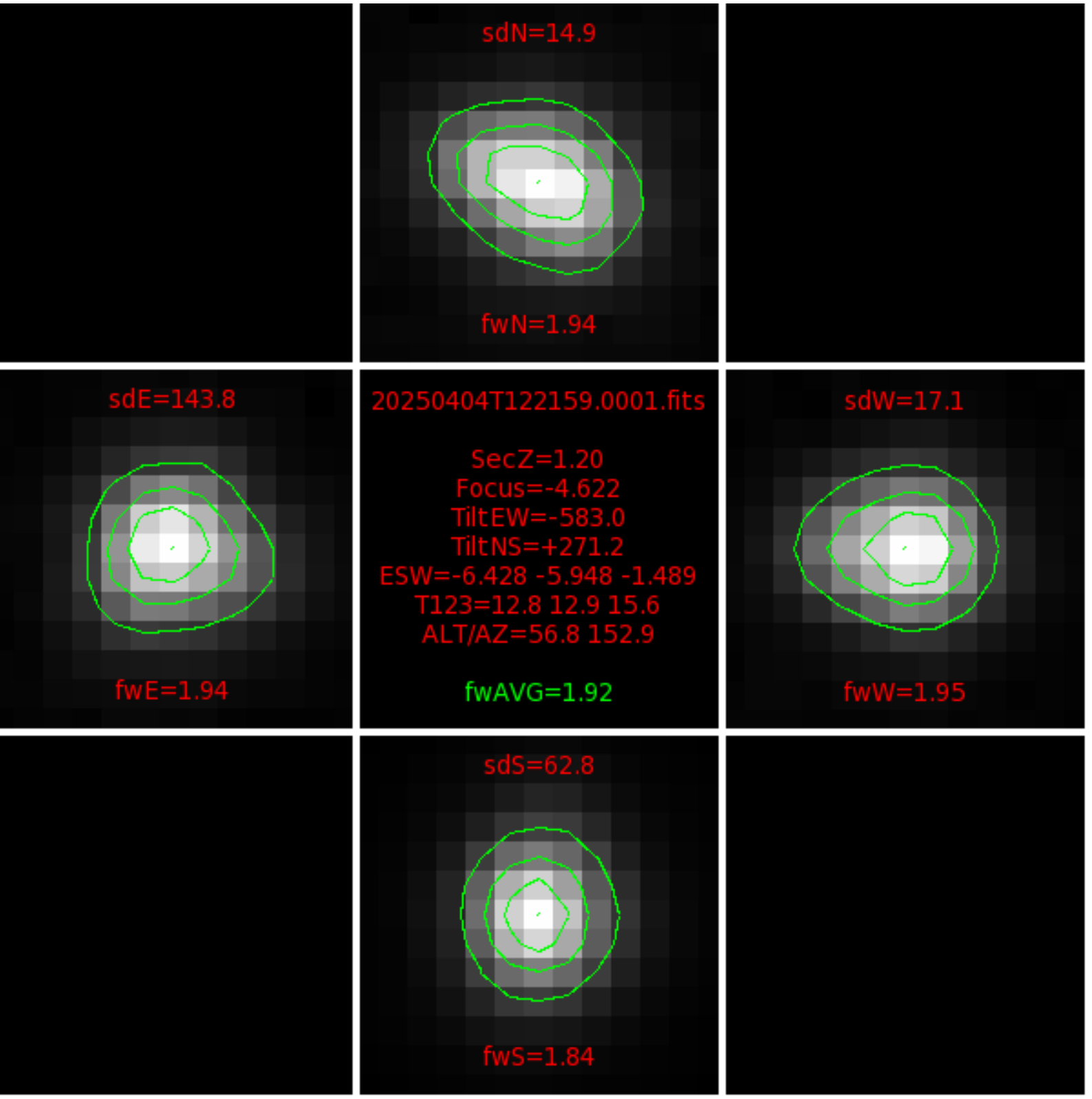
sdN=14.9
fwN=1.94
sdE=143.8
fwE=1.94
20250404T122159.0001.fits
SecZ=1.20
Focus=-4.622
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.428 -5.948 -1.489
T123=12.8 12.9 15.6
ALT/AZ=56.8 152.9
fwAVG=1.92
sdW=17.1
fwW=1.95
sdS=62.8
fwS=1.84
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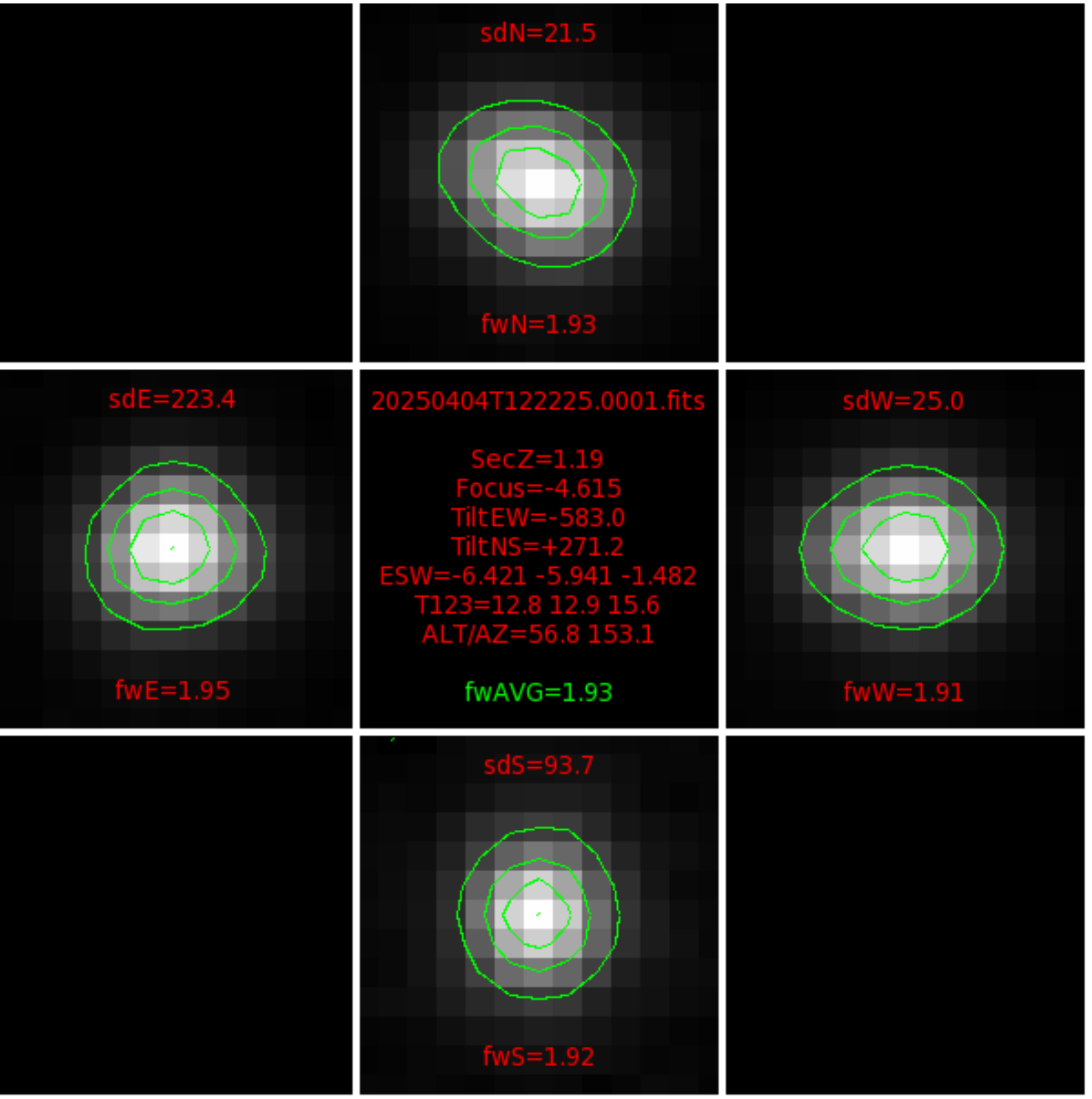
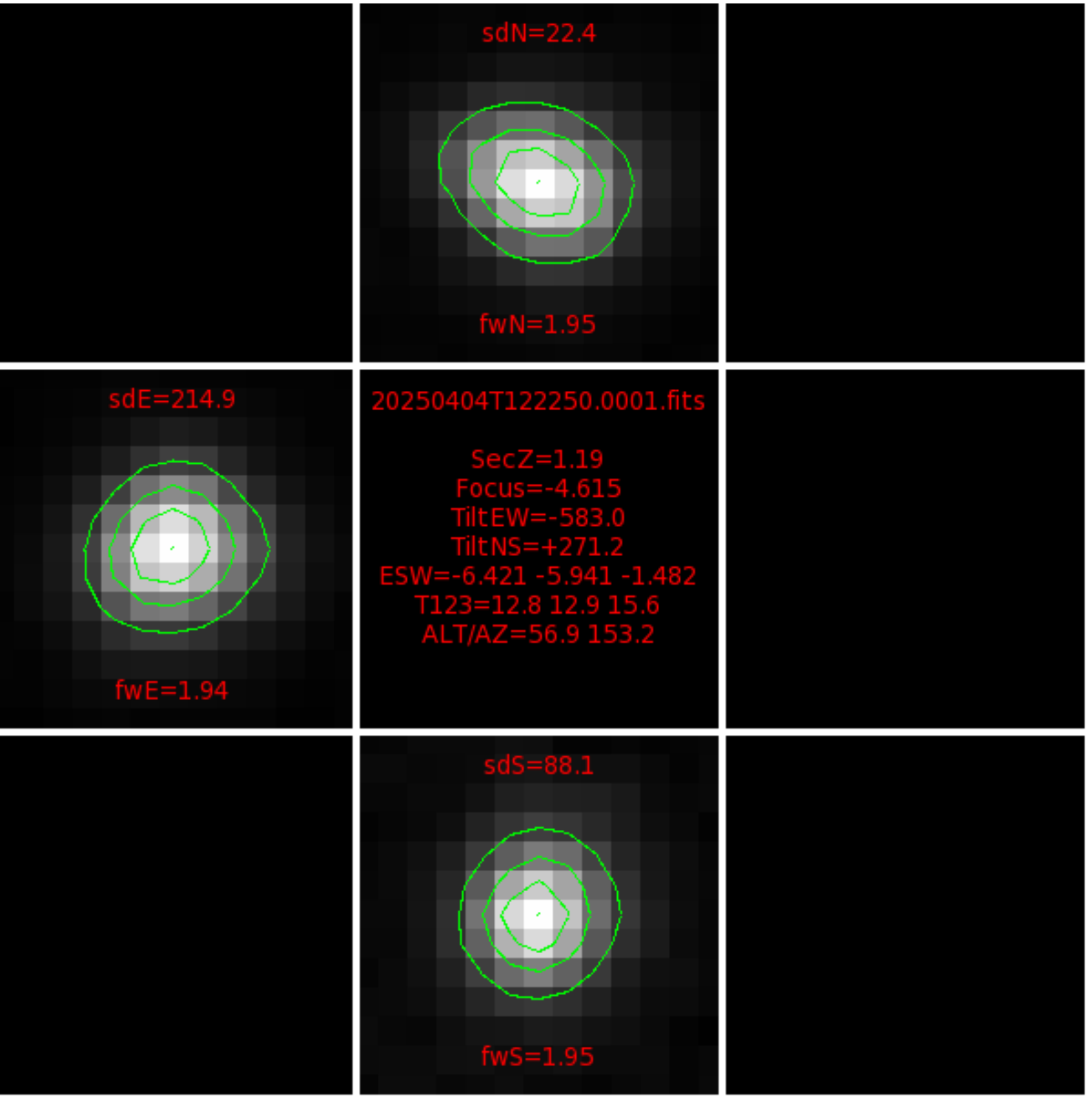
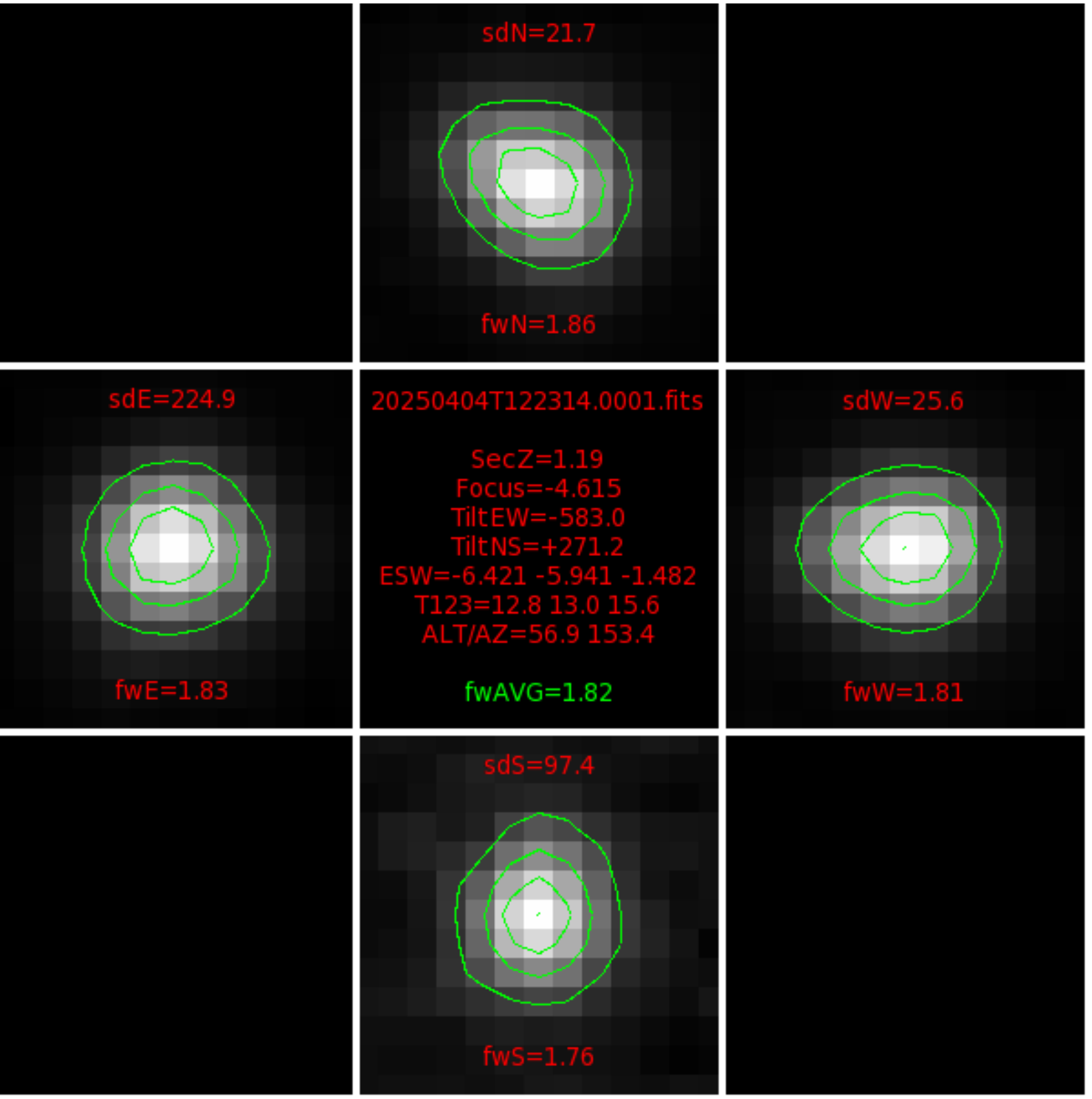
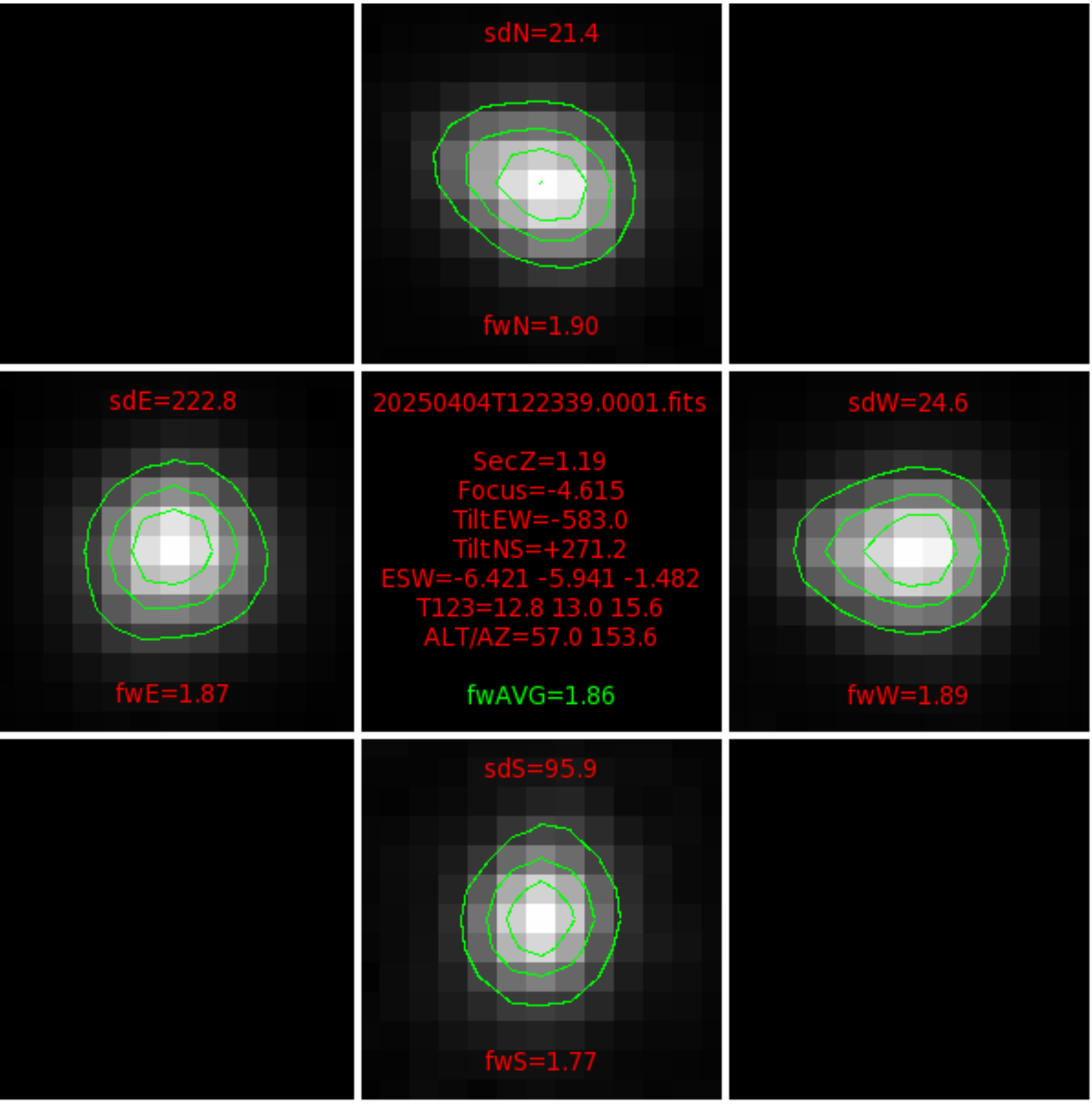

sdN=21.5
fwN=1.93
sdE=223.4
fwE=1.95
20250404T122225.0001.fits
SecZ=1.19
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.8 12.9 15.6
ALT/AZ=56.8 153.1
fwAVG=1.93
sdW=25.0
fwW=1.91
sdS=93.7
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=22.4
fwN=1.95
sdE=214.9
fwE=1.94
20250404T122250.0001.fits
SecZ=1.19
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.8 12.9 15.6
ALT/AZ=56.9 153.2
sdS=88.1
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=21.7
fwN=1.86
sdE=224.9
fwE=1.83
20250404T122314.0001.fits
SecZ=1.19
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.8 13.0 15.6
ALT/AZ=56.9 153.4
fwAVG=1.82
sdW=25.6
fwW=1.81
sdS=97.4
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=21.4
fwN=1.90
sdE=222.8
fwE=1.87
20250404T122339.0001.fits
SecZ=1.19
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.8 13.0 15.6
ALT/AZ=57.0 153.6
fwAVG=1.86
sdW=24.6
fwW=1.89
sdS=95.9
fwS=1.77
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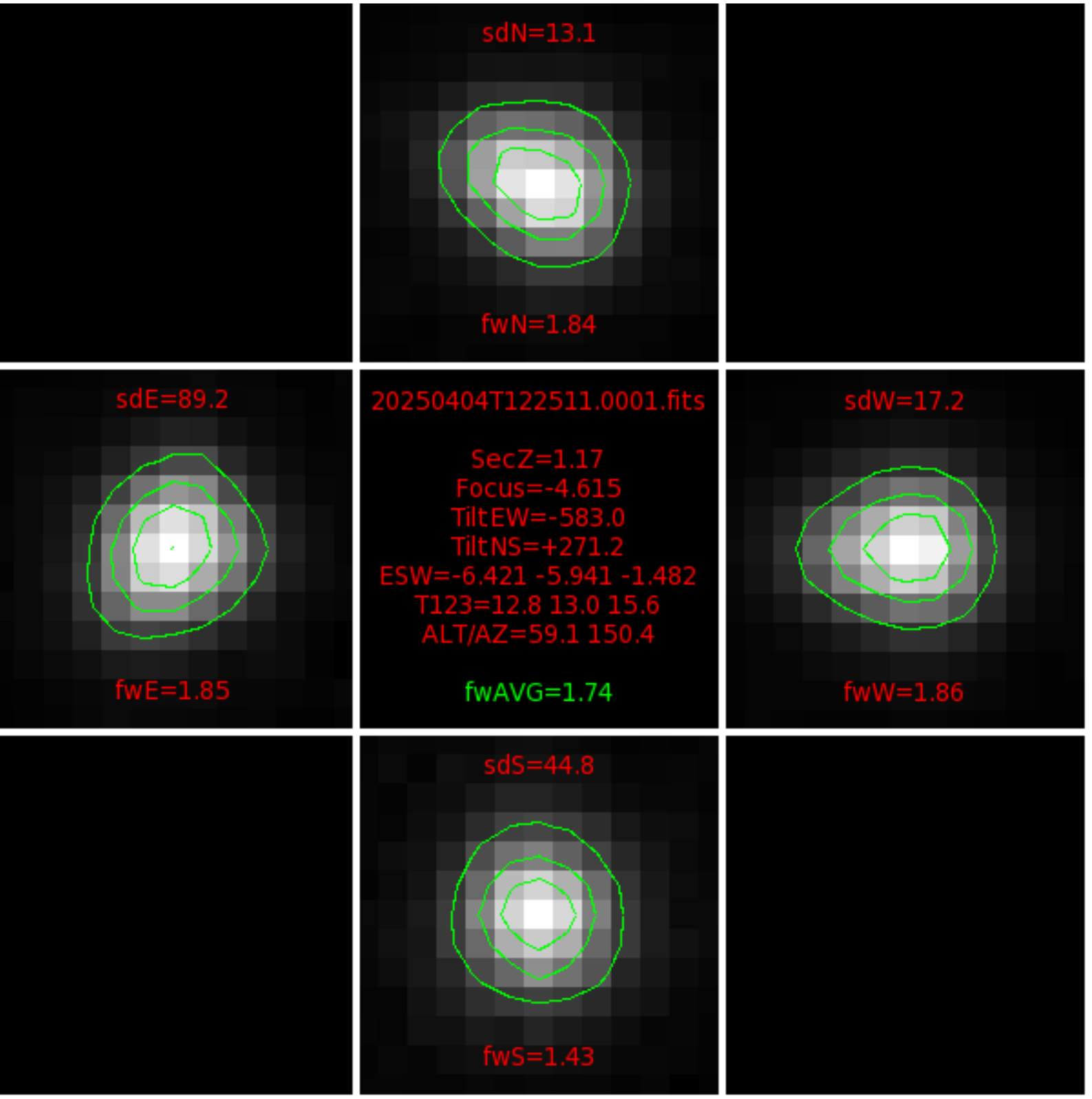
sdN=13.1
fwN=1.84
sdE=89.2
fwE=1.85
20250404T122511.0001.fits
SecZ=1.17
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.8 13.0 15.6
ALT/AZ=59.1 150.4
fwAVG=1.74
sdW=17.2
fwW=1.86
sdS=44.8
fwS=1.43
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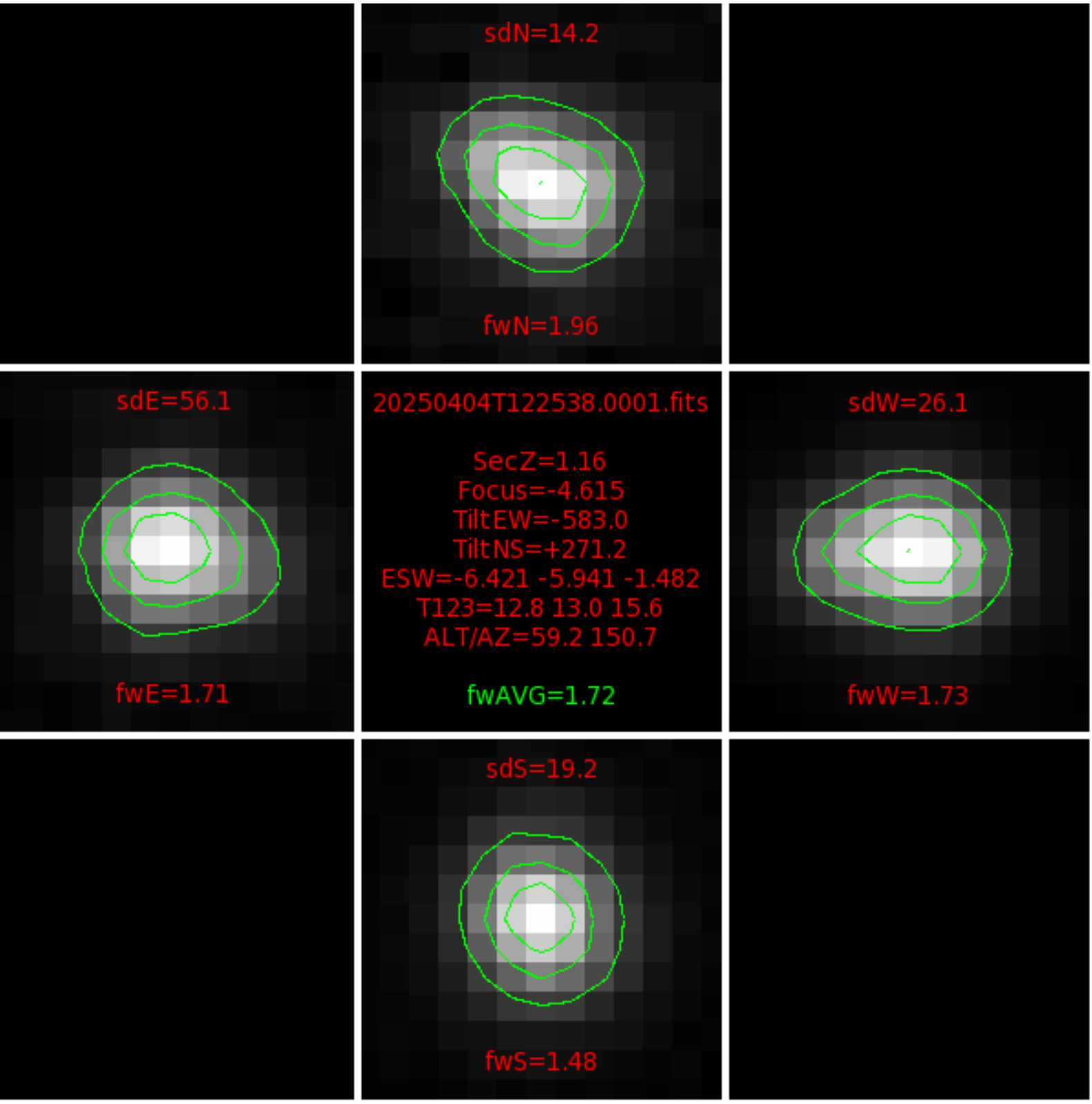
sdN=14.2
fwN=1.96
sdE=56.1
fwE=1.71
20250404T122538.0001.fits
SecZ=1.16
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.8 13.0 15.6
ALT/AZ=59.2 150.7
fwAVG=1.72
sdW=26.1
fwW=1.73
sdS=19.2
fwS=1.48
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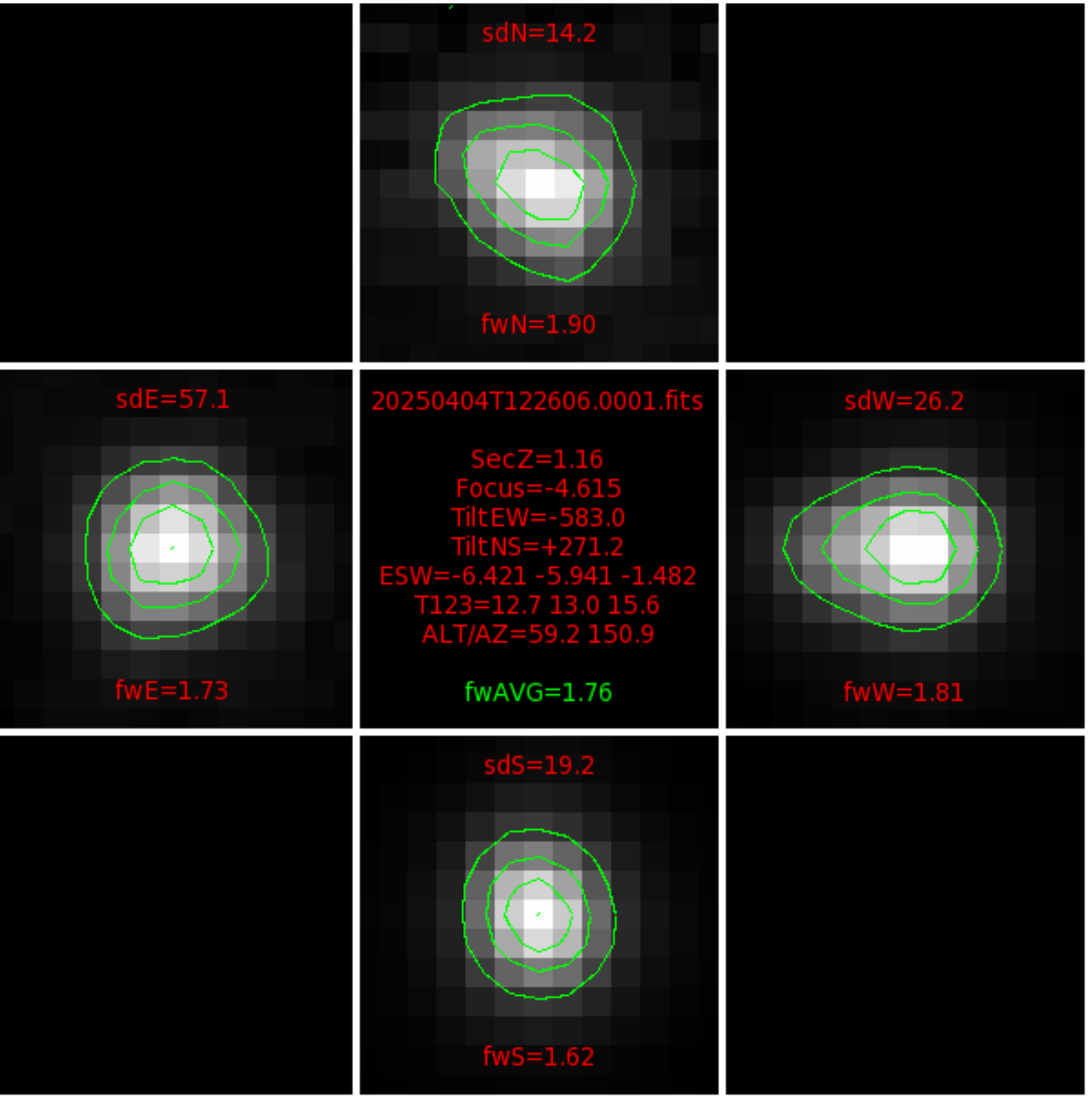
sdN=14.2
fwN=1.90
sdE=57.1
fwE=1.73
20250404T122606.0001.fits
SecZ=1.16
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.7 13.0 15.6
ALT/AZ=59.2 150.9
fwAVG=1.76
sdW=26.2
fwW=1.81
sdS=19.2
fwS=1.62
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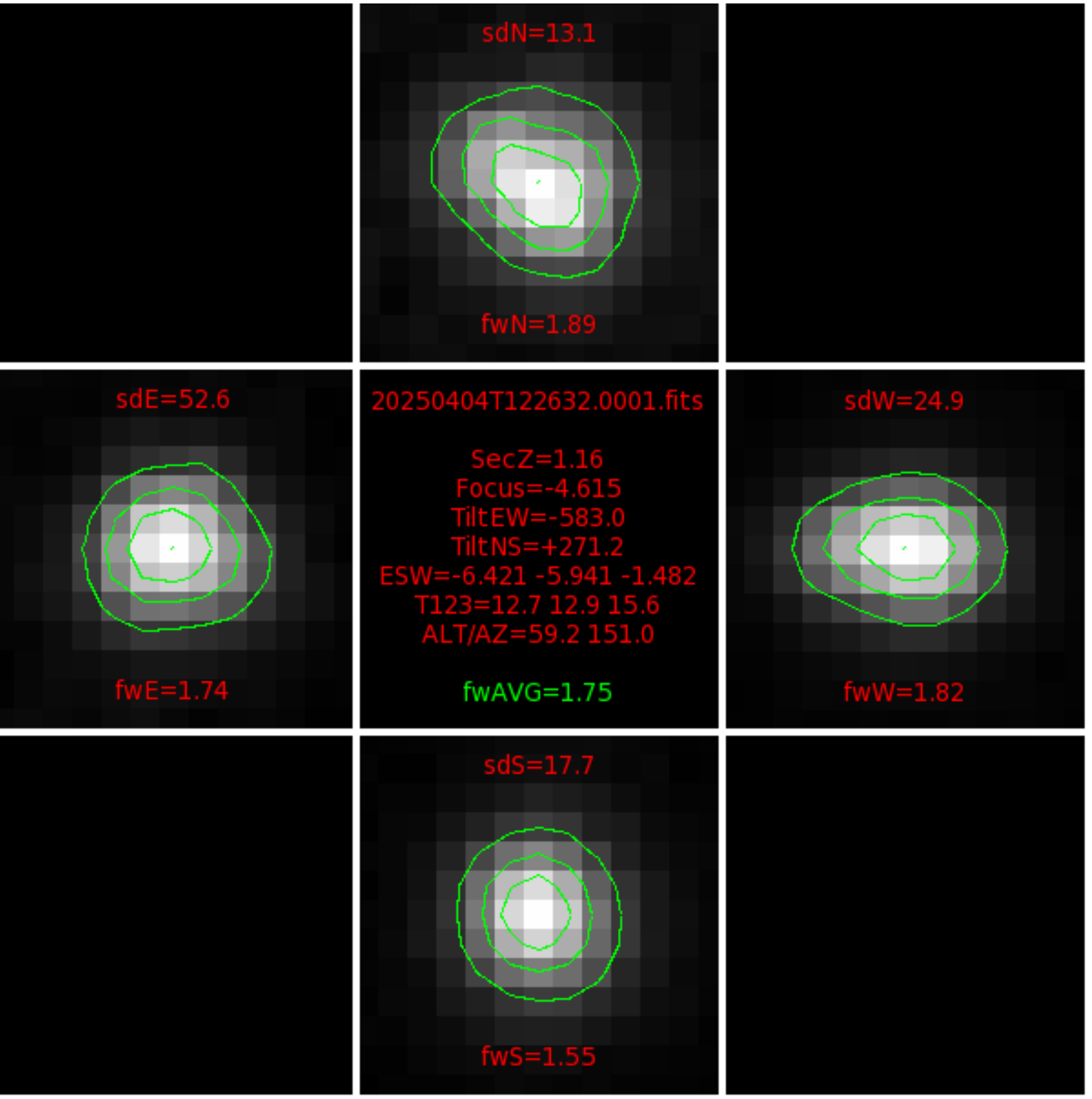
sdN=13.1
fwN=1.89
sdE=52.6
fwE=1.74
20250404T122632.0001.fits
SecZ=1.16
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.7 12.9 15.6
ALT/AZ=59.2 151.0
fwAVG=1.75
sdW=24.9
fwW=1.82
sdS=17.7
fwS=1.55
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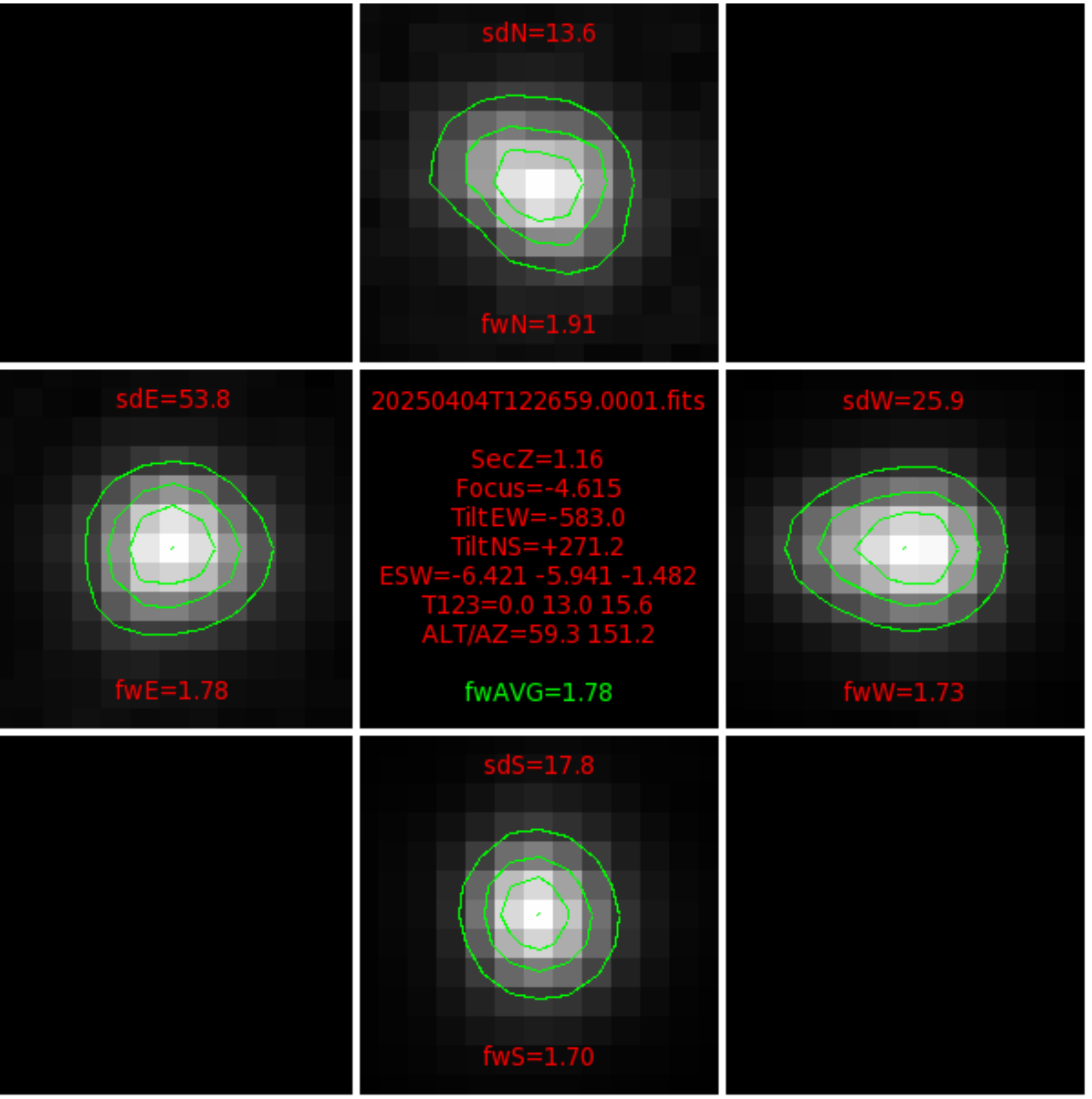
sdN=13.6
fwN=1.91
sdE=53.8
fwE=1.78
20250404T122659.0001.fits
SecZ=1.16
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=0.0 13.0 15.6
ALT/AZ=59.3 151.2
fwAVG=1.78
sdW=25.9
fwW=1.73
sdS=17.8
fwS=1.70
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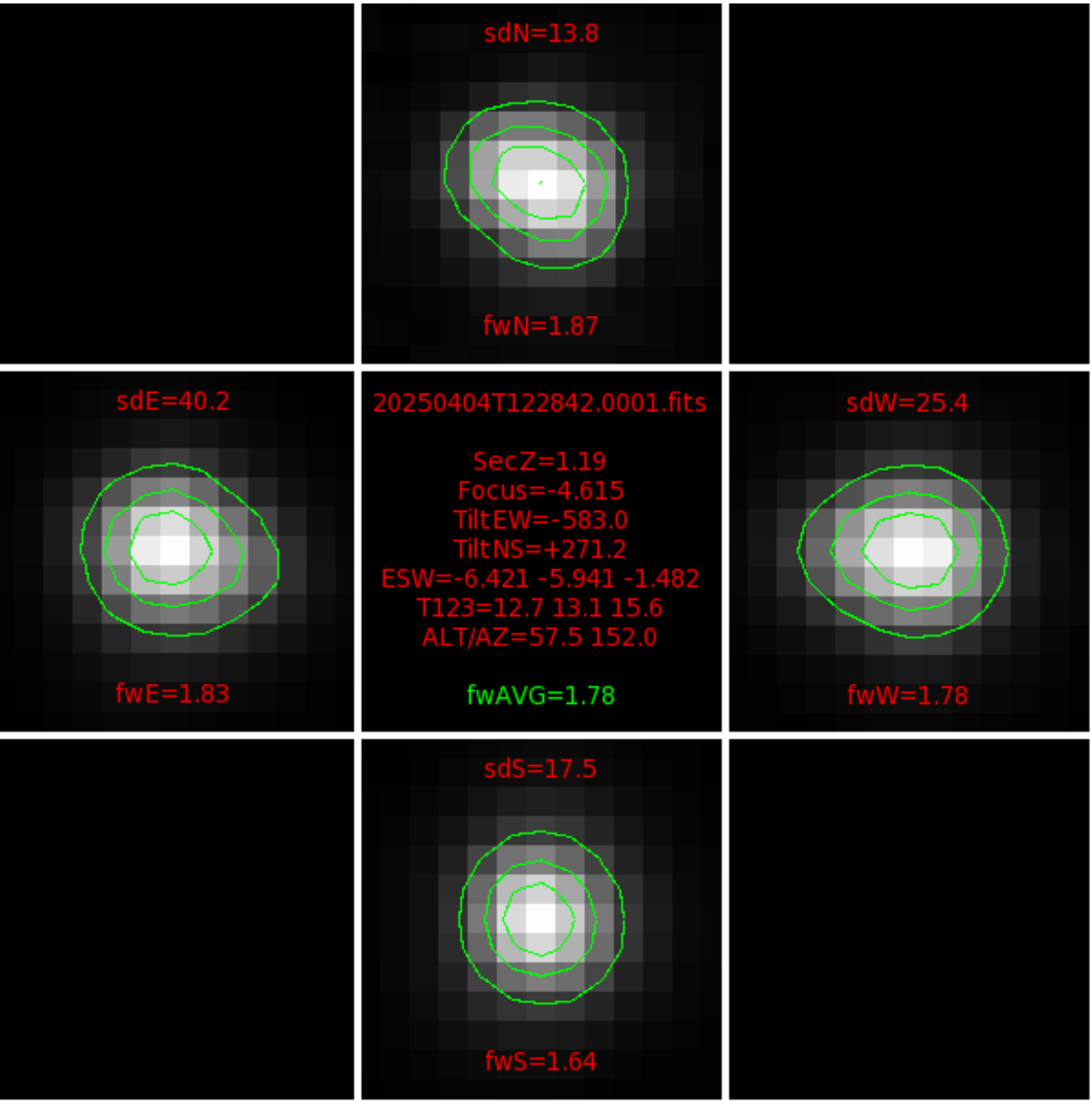
sdN=13.8
fwN=1.87
sdE=40.2
fwE=1.83
20250404T122842.0001.fits
SecZ=1.19
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.7 13.1 15.6
ALT/AZ=57.5 152.0
fwAVG=1.78
sdW=25.4
fwW=1.78
sdS=17.5
fwS=1.64
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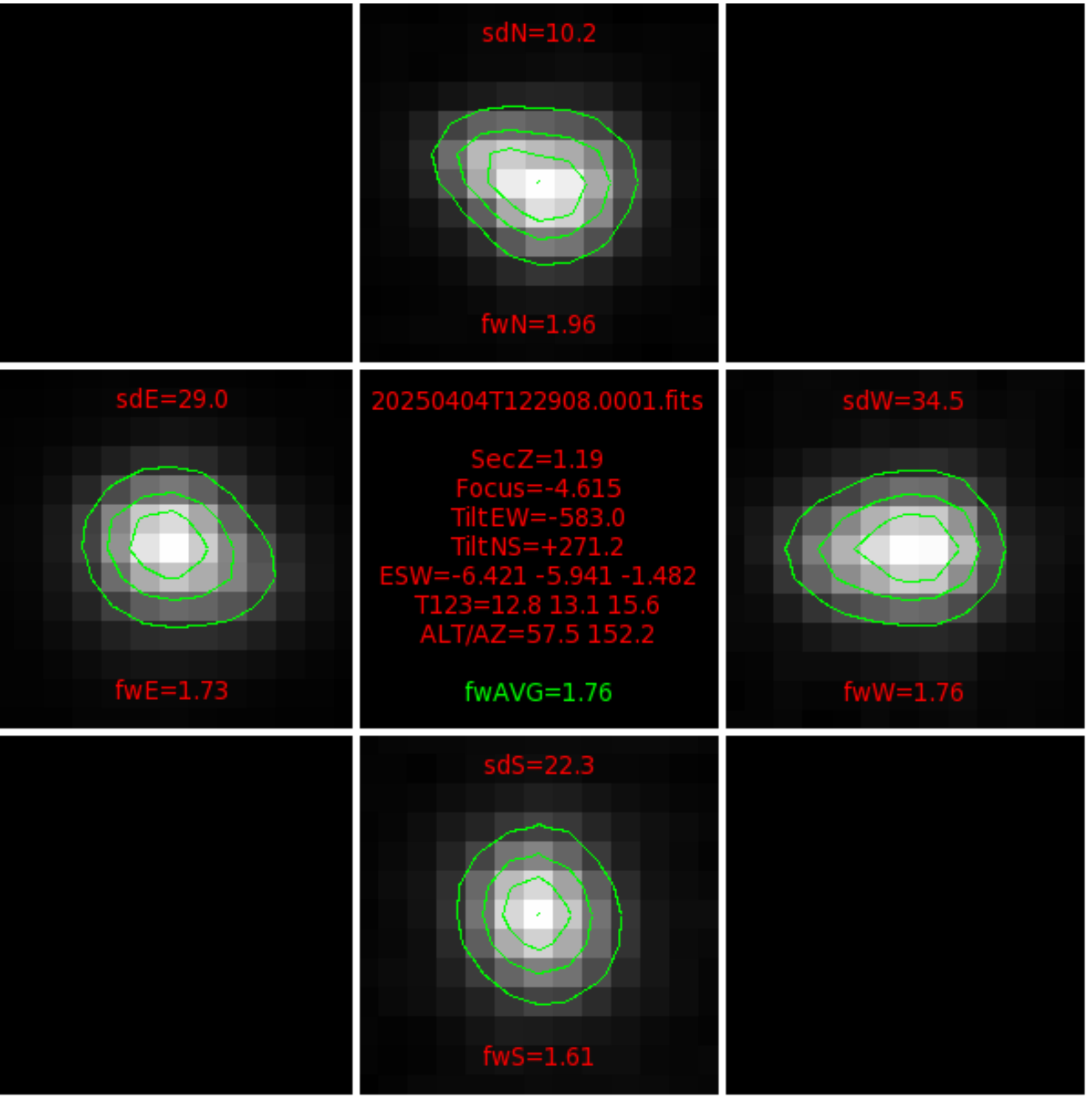
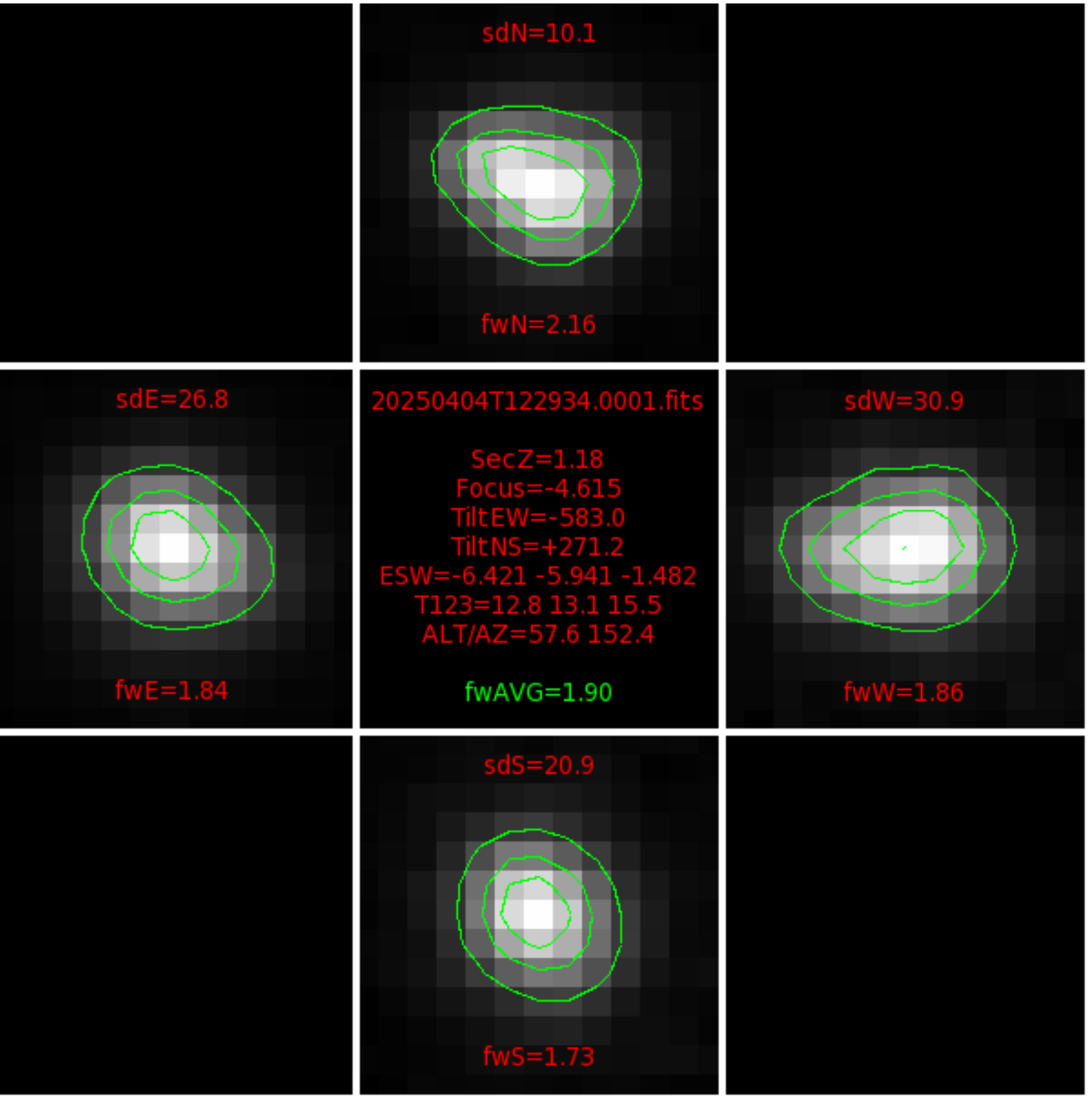

sdN=10.2
fwN=1.96
sdE=29.0
fwE=1.73
20250404T122908.0001.fits
SecZ=1.19
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.8 13.1 15.6
ALT/AZ=57.5 152.2
fwAVG=1.76
sdW=34.5
fwW=1.76
sdS=22.3
fwS=1.61
0 0 0 0 0 0 0 0 0


sdN=10.1
fwN=2.16
sdE=26.8
fwE=1.84
20250404T122934.0001.fits
SecZ=1.18
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.8 13.1 15.5
ALT/AZ=57.6 152.4
fwAVG=1.90
sdW=30.9
fwW=1.86
sdS=20.9
fwS=1.73
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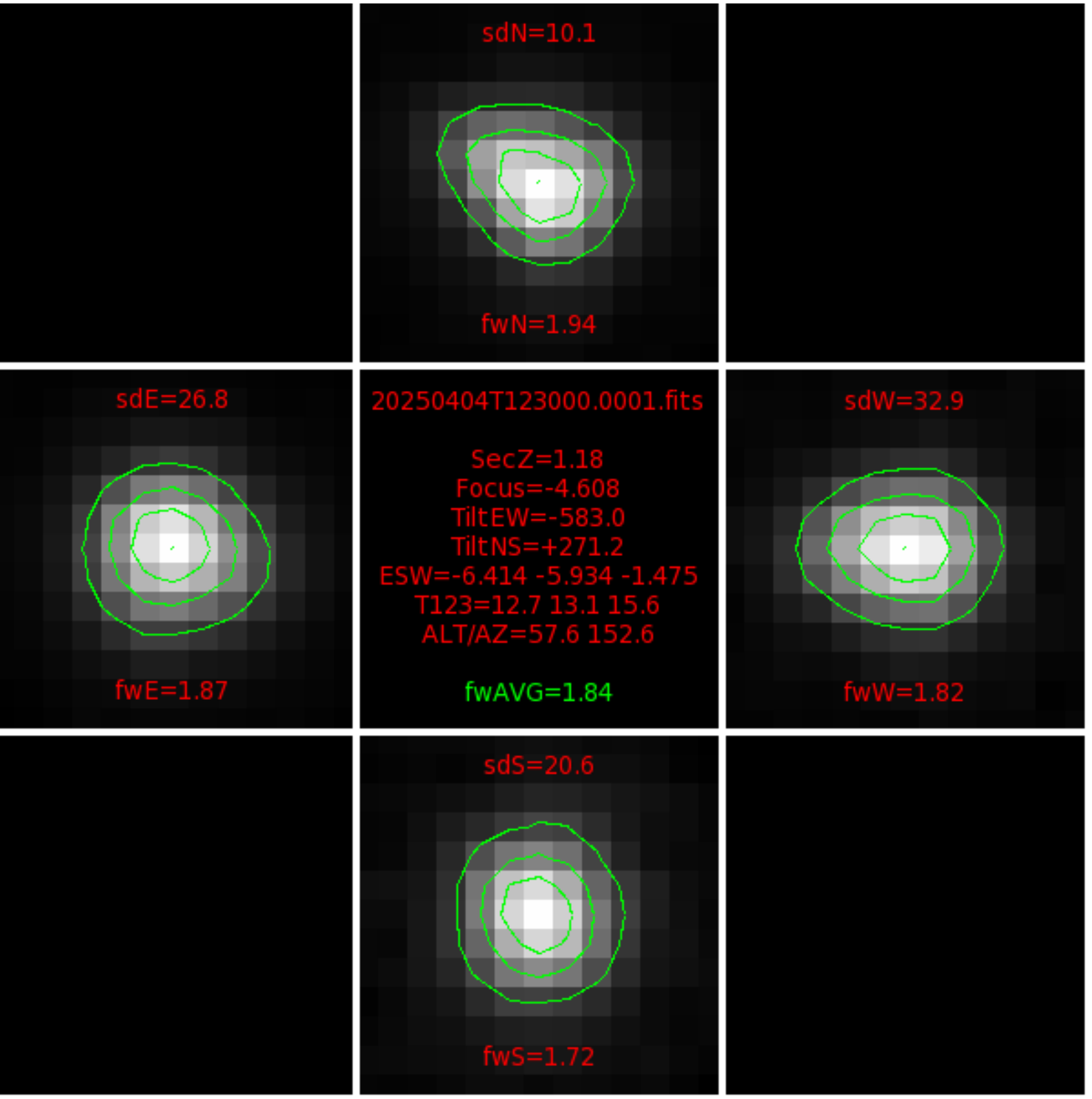
sdN=10.1
fwN=1.94
sdE=26.8
fwE=1.87
20250404T123000.0001.fits
SecZ=1.18
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.7 13.1 15.6
ALT/AZ=57.6 152.6
fwAVG=1.84
sdW=32.9
fwW=1.82
sdS=20.6
fwS=1.72
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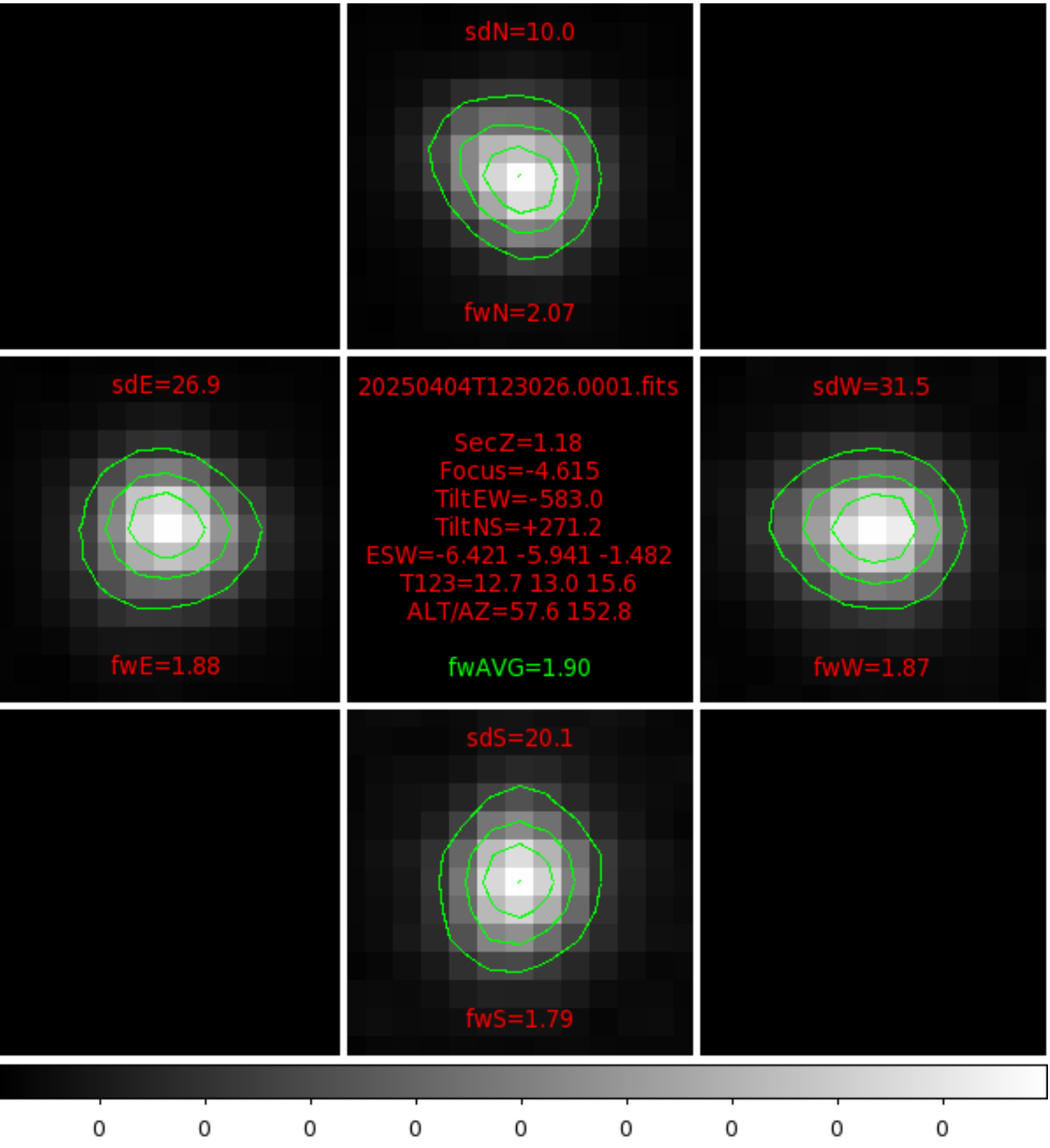
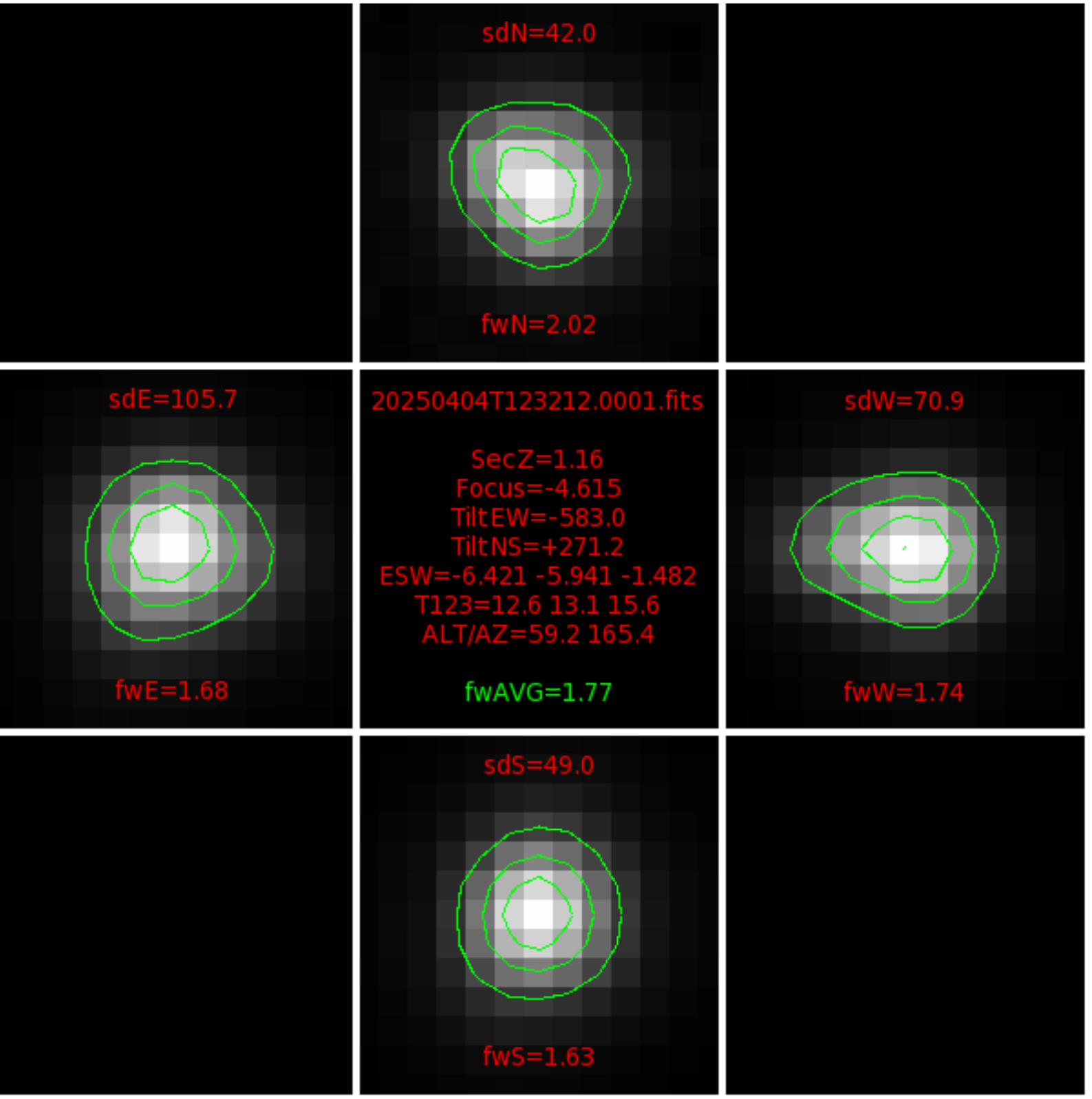

sdN=10.0
fwN=2.07
sdE=26.9
fwE=1.88
20250404T123026.0001.fits
SecZ=1.18
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.7 13.0 15.6
ALT/AZ=57.6 152.8
fwAVG=1.90
sdW=31.5
fwW=1.87
sdS=20.1
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=42.0
fwN=2.02
sdE=105.7
fwE=1.68
20250404T123212.0001.fits
SecZ=1.16
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.6 13.1 15.6
ALT/AZ=59.2 165.4
fwAVG=1.77
sdW=70.9
fwW=1.74
sdS=49.0
fwS=1.63
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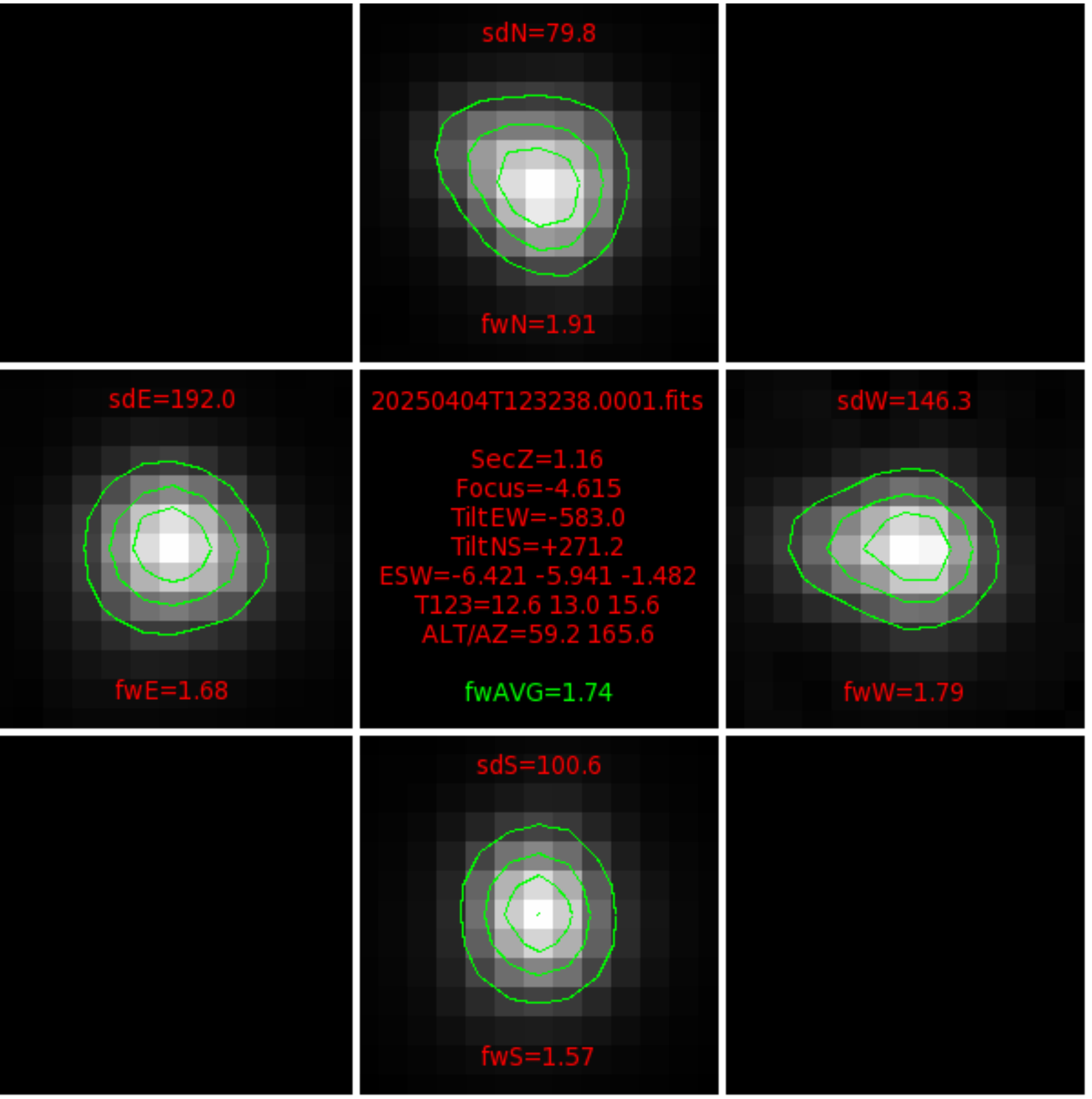
sdN=79.8
fwN=1.91
sdE=192.0
fwE=1.68
20250404T123238.0001.fits
SecZ=1.16
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.6 13.0 15.6
ALT/AZ=59.2 165.6
fwAVG=1.74
sdW=146.3
fwW=1.79
sdS=100.6
fwS=1.57
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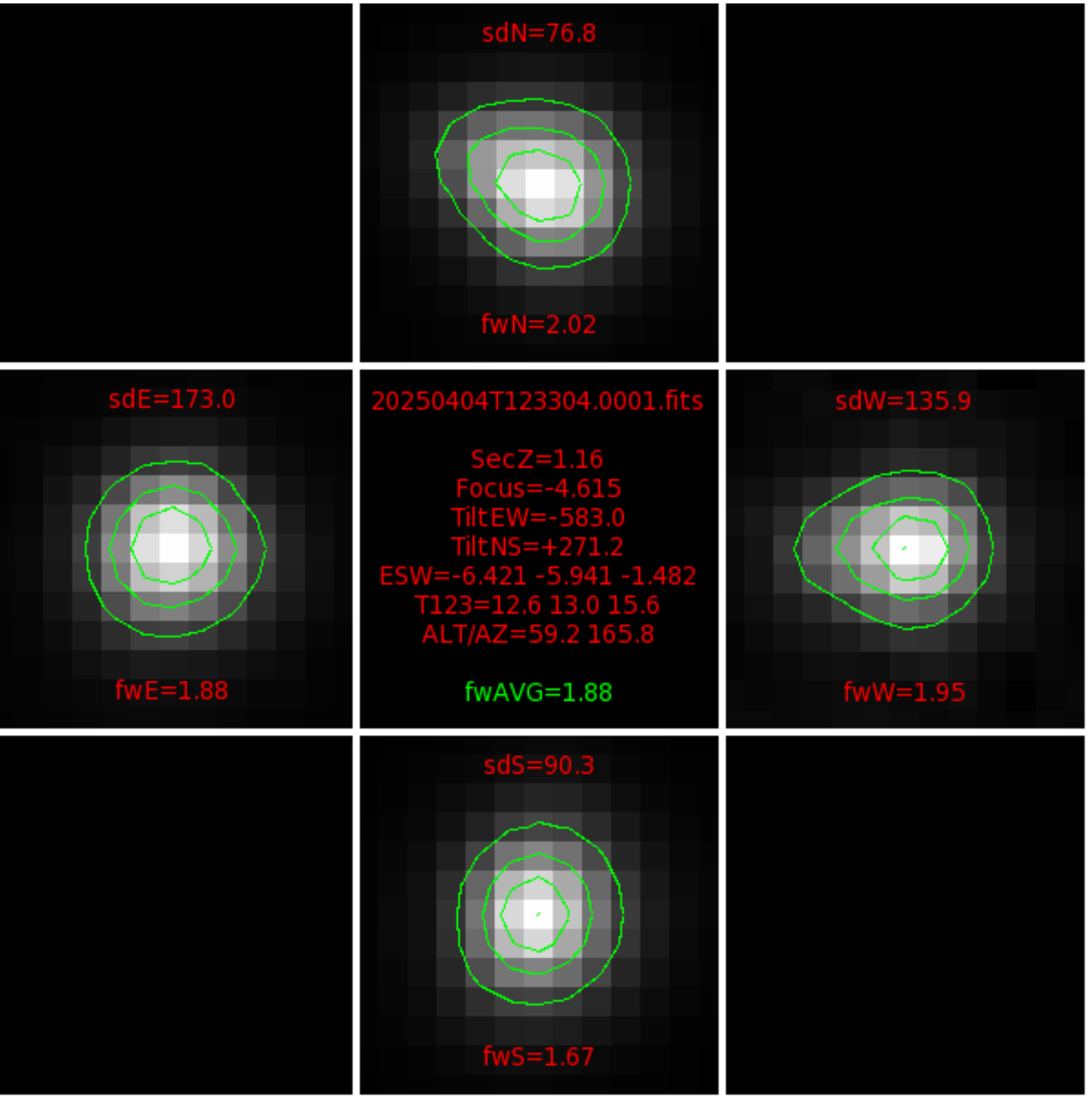
sdN=76.8
fwN=2.02
sdE=173.0
fwE=1.88
20250404T123304.0001.fits
SecZ=1.16
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.6 13.0 15.6
ALT/AZ=59.2 165.8
fwAVG=1.88
sdW=135.9
fwW=1.95
sdS=90.3
fwS=1.67
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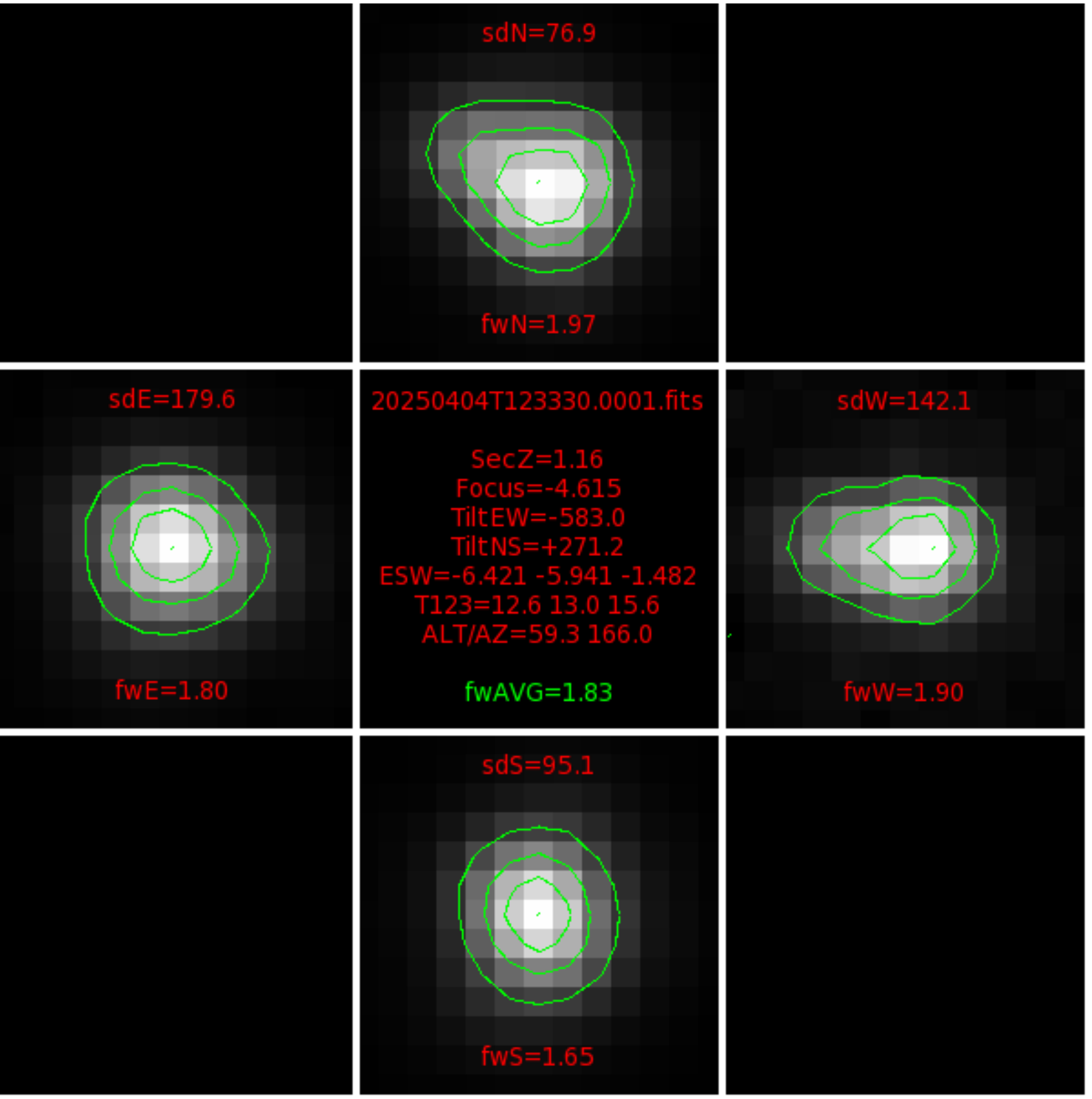
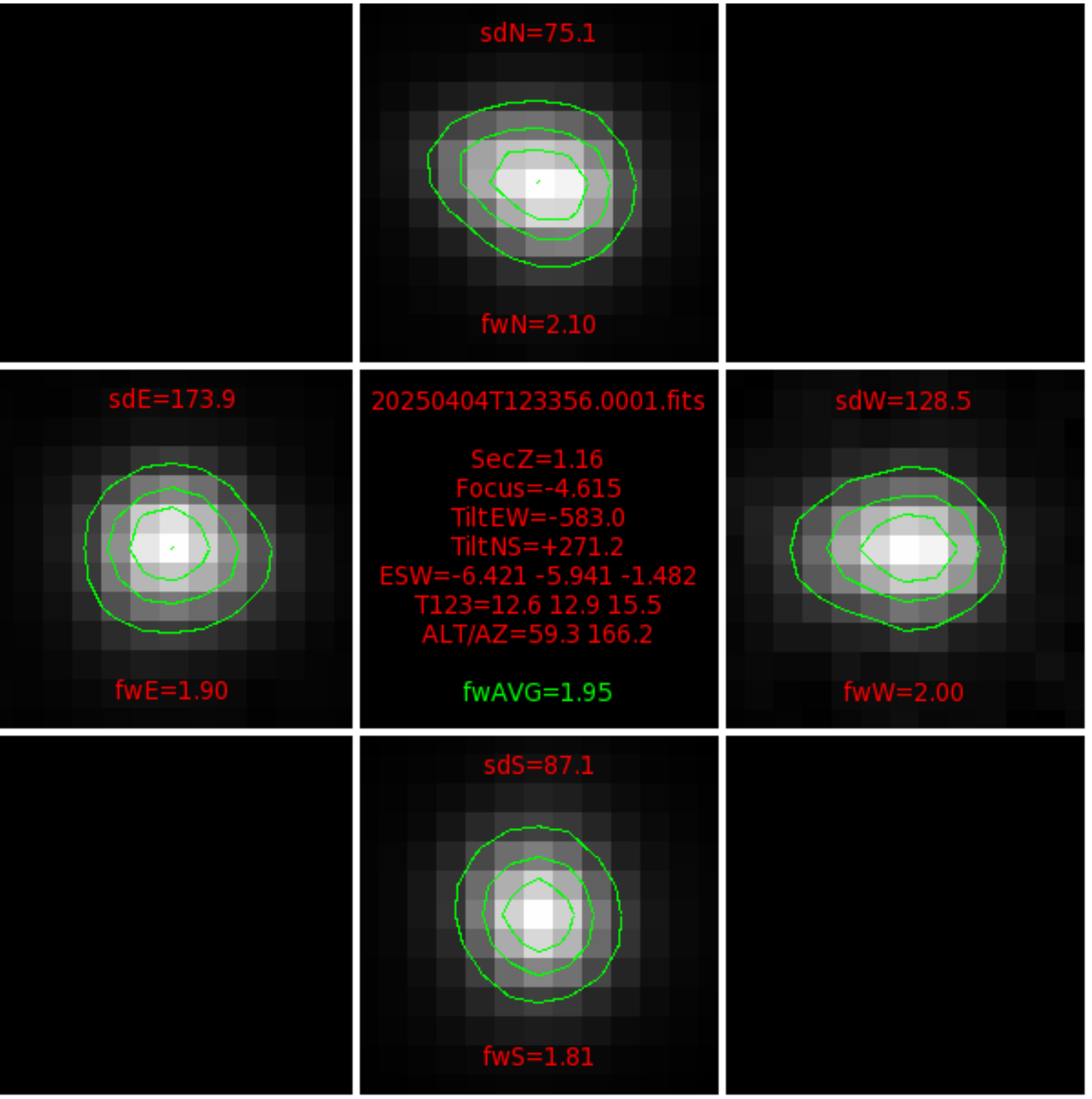

sdN=76.9
fwN=1.97
sdE=179.6
fwE=1.80
20250404T123330.0001.fits
SecZ=1.16
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.6 13.0 15.6
ALT/AZ=59.3 166.0
fwAVG=1.83
sdW=142.1
fwW=1.90
sdS=95.1
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=75.1
fwN=2.10
sdE=173.9
fwE=1.90
20250404T123356.0001.fits
SecZ=1.16
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.6 12.9 15.5
ALT/AZ=59.3 166.2
fwAVG=1.95
sdW=128.5
fwW=2.00
sdS=87.1
fwS=1.81
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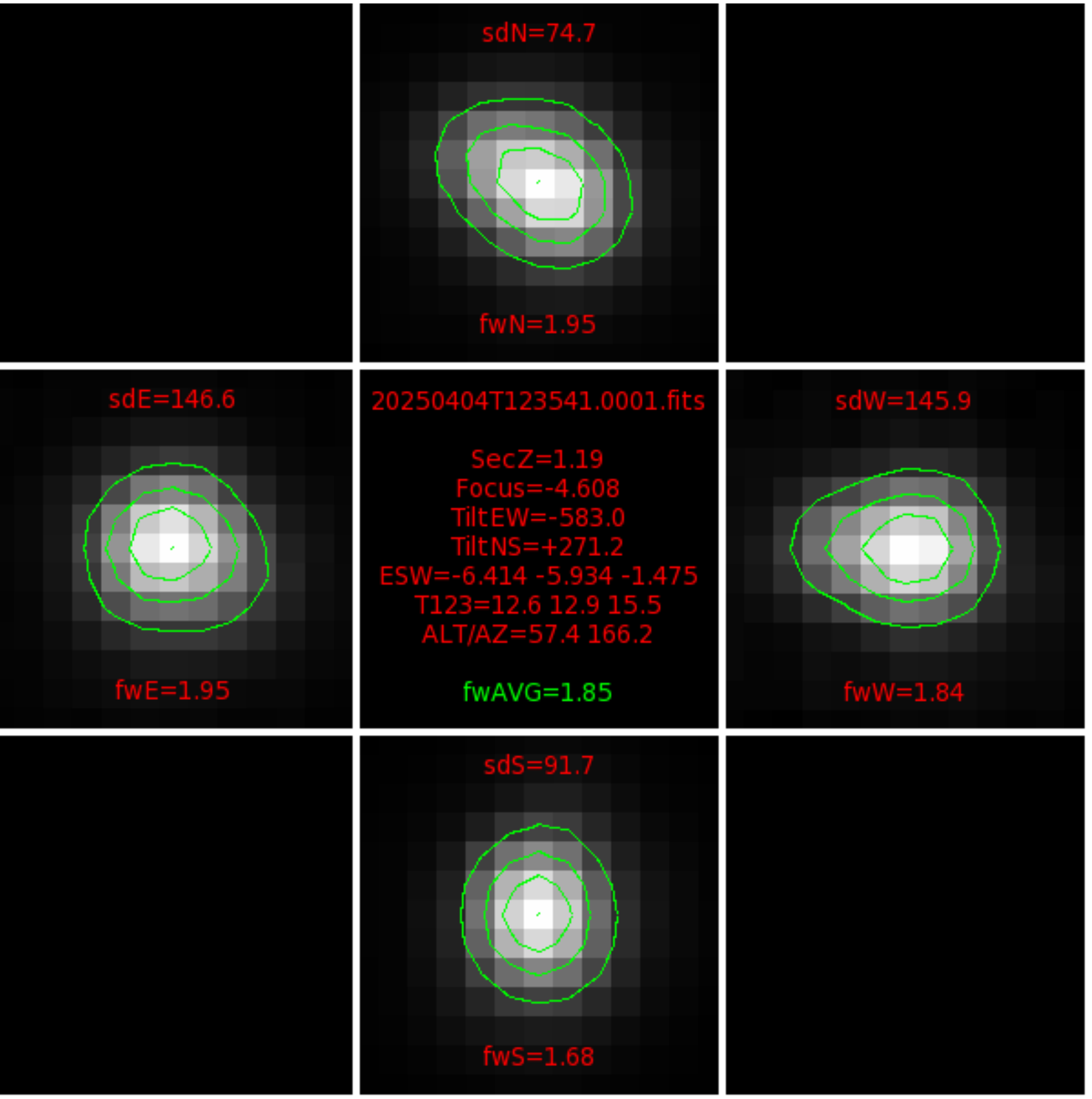
sdN=74.7
fwN=1.95
sdE=146.6
fwE=1.95
20250404T123541.0001.fits
SecZ=1.19
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.6 12.9 15.5
ALT/AZ=57.4 166.2
fwAVG=1.85
sdW=145.9
fwW=1.84
sdS=91.7
fwS=1.68
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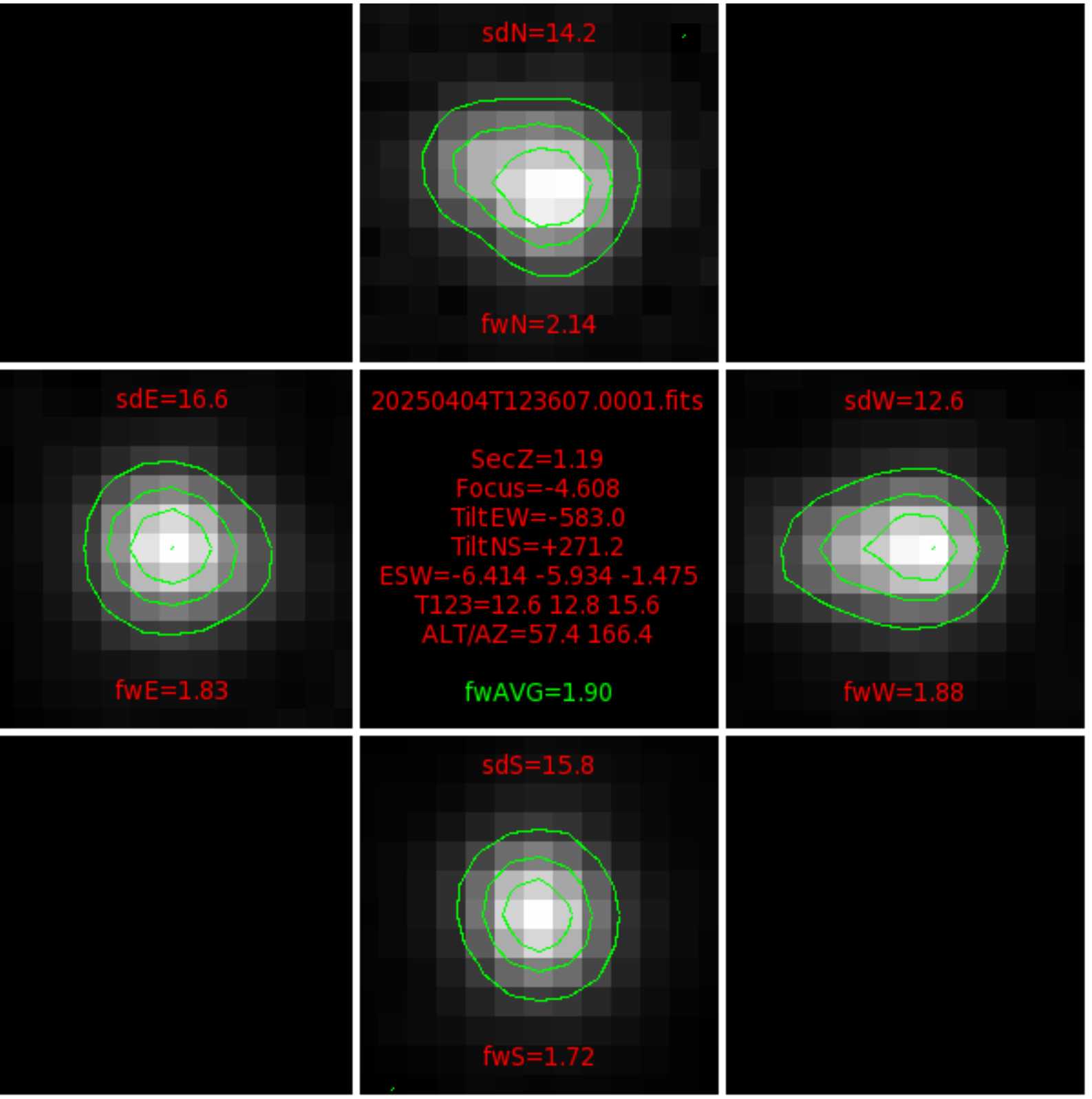
sdN=14.2
fwN=2.14
sdE=16.6
fwE=1.83
20250404T123607.0001.fits
SecZ=1.19
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.6 12.8 15.6
ALT/AZ=57.4 166.4
fwAVG=1.90
sdW=12.6
fwW=1.88
sdS=15.8
fwS=1.72
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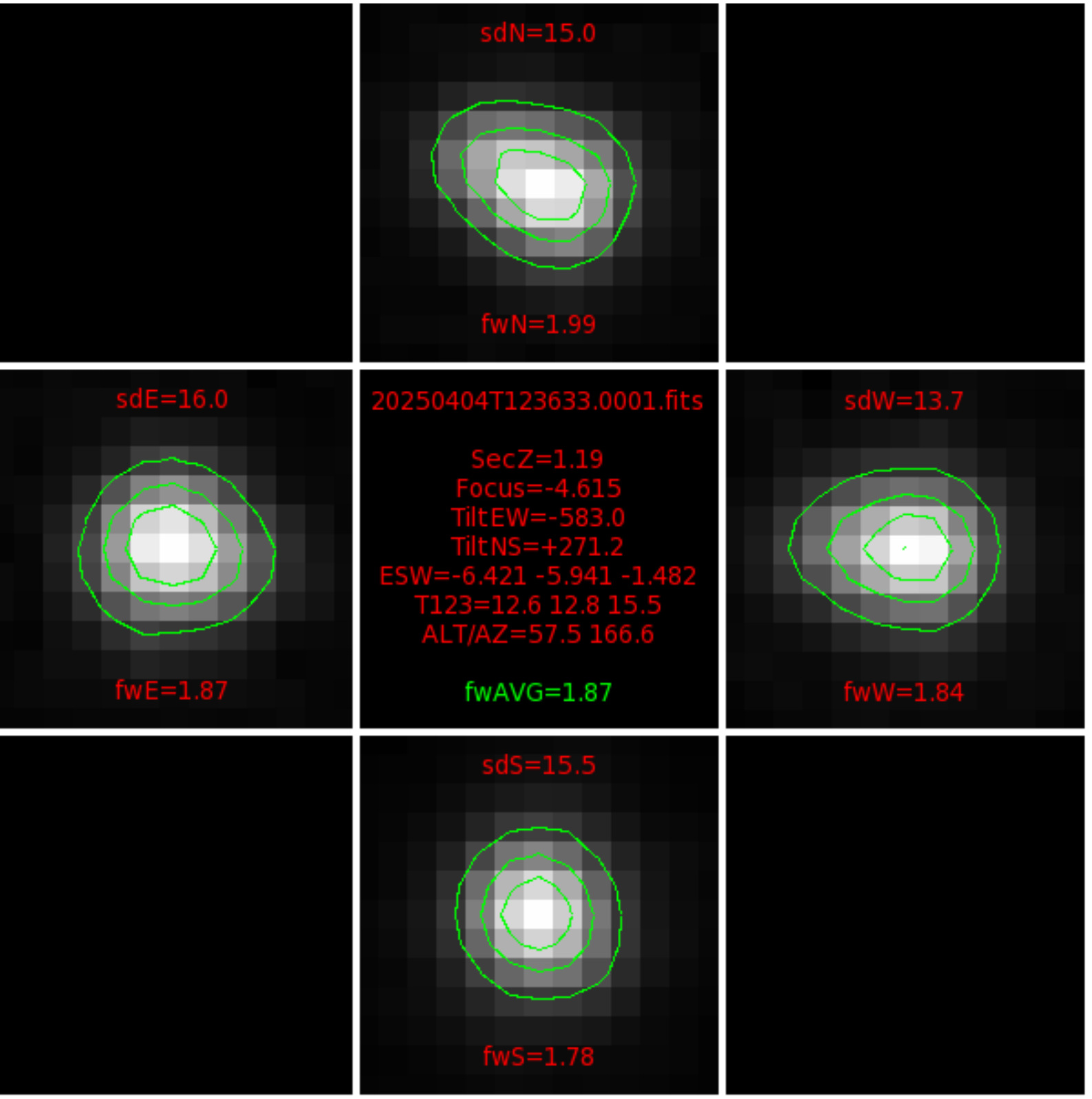
sdN=15.0
fwN=1.99
sdE=16.0
fwE=1.87
20250404T123633.0001.fits
SecZ=1.19
Focus=-4.615
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.421 -5.941 -1.482
T123=12.6 12.8 15.5
ALT/AZ=57.5 166.6
fwAVG=1.87
sdW=13.7
fwW=1.84
sdS=15.5
fwS=1.78
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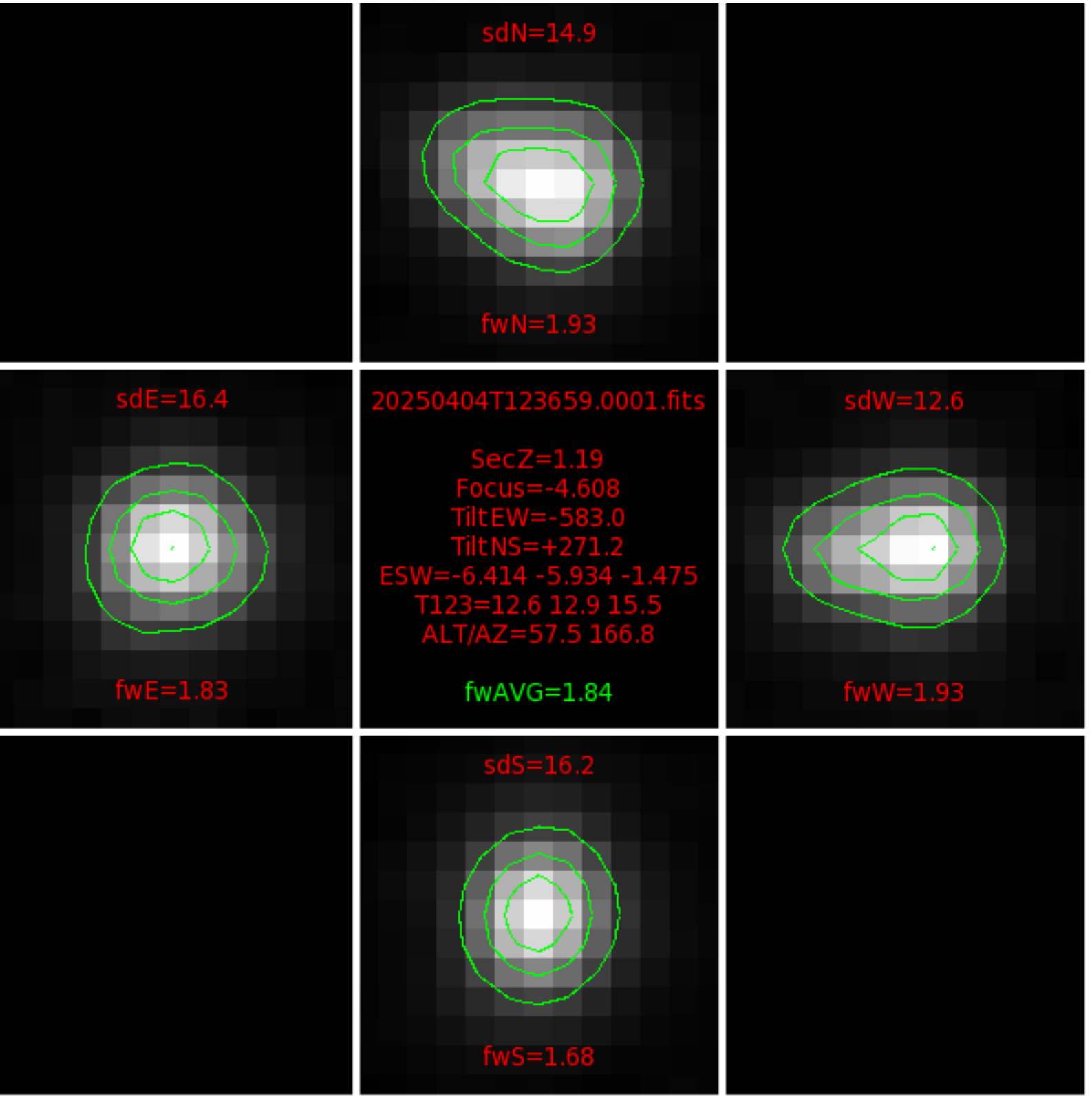
sdN=14.9
fwN=1.93
sdE=16.4
fwE=1.83
20250404T123659.0001.fits
SecZ=1.19
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.6 12.9 15.5
ALT/AZ=57.5 166.8
fwAVG=1.84
sdW=12.6
fwW=1.93
sdS=16.2
fwS=1.68
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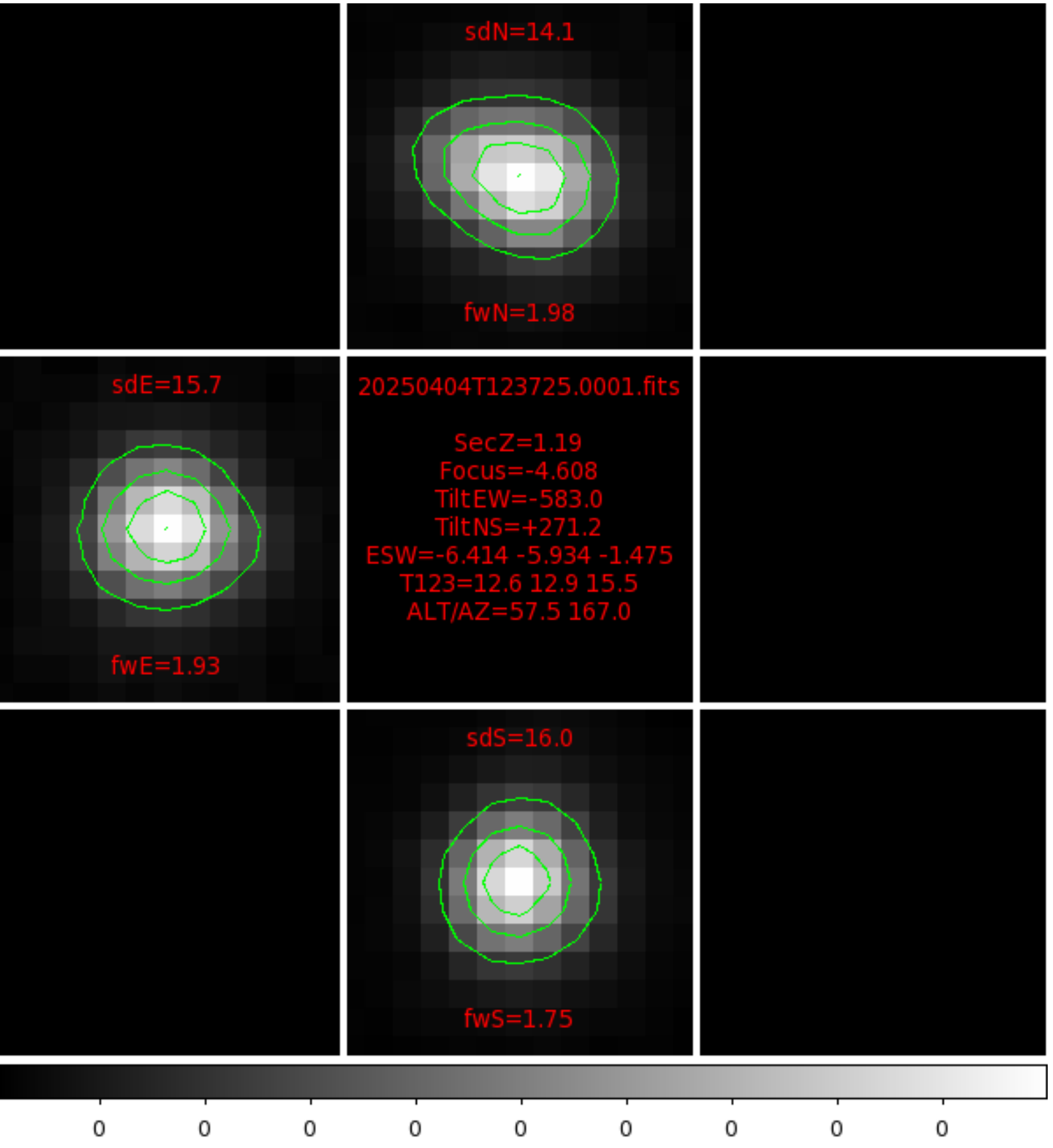
sdN=14.1
fwN=1.98
sdE=15.7
fwE=1.93
20250404T123725.0001.fits
SecZ=1.19
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.6 12.9 15.5
ALT/AZ=57.5 167.0
sdS=16.0
fwS=1.75
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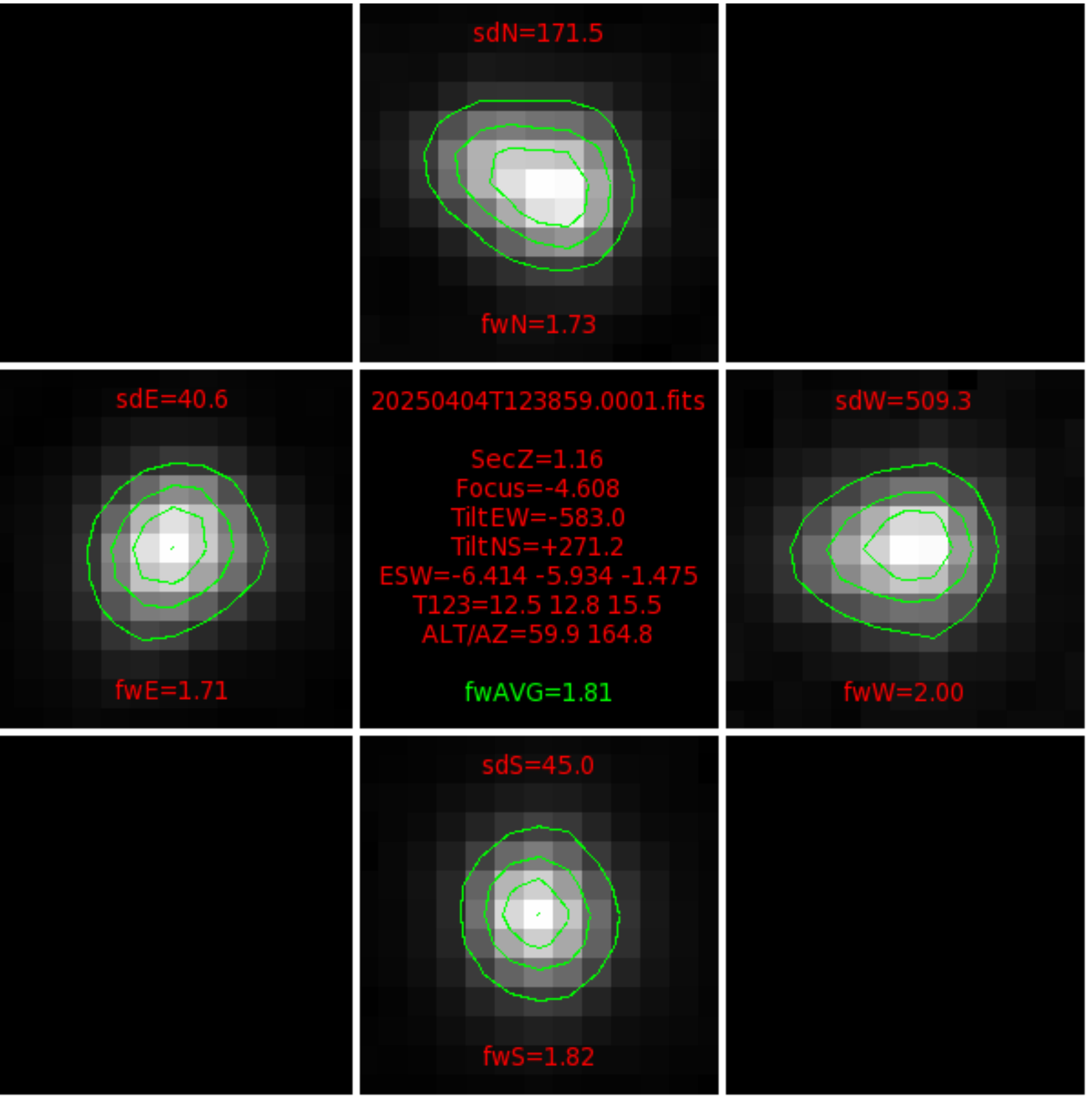
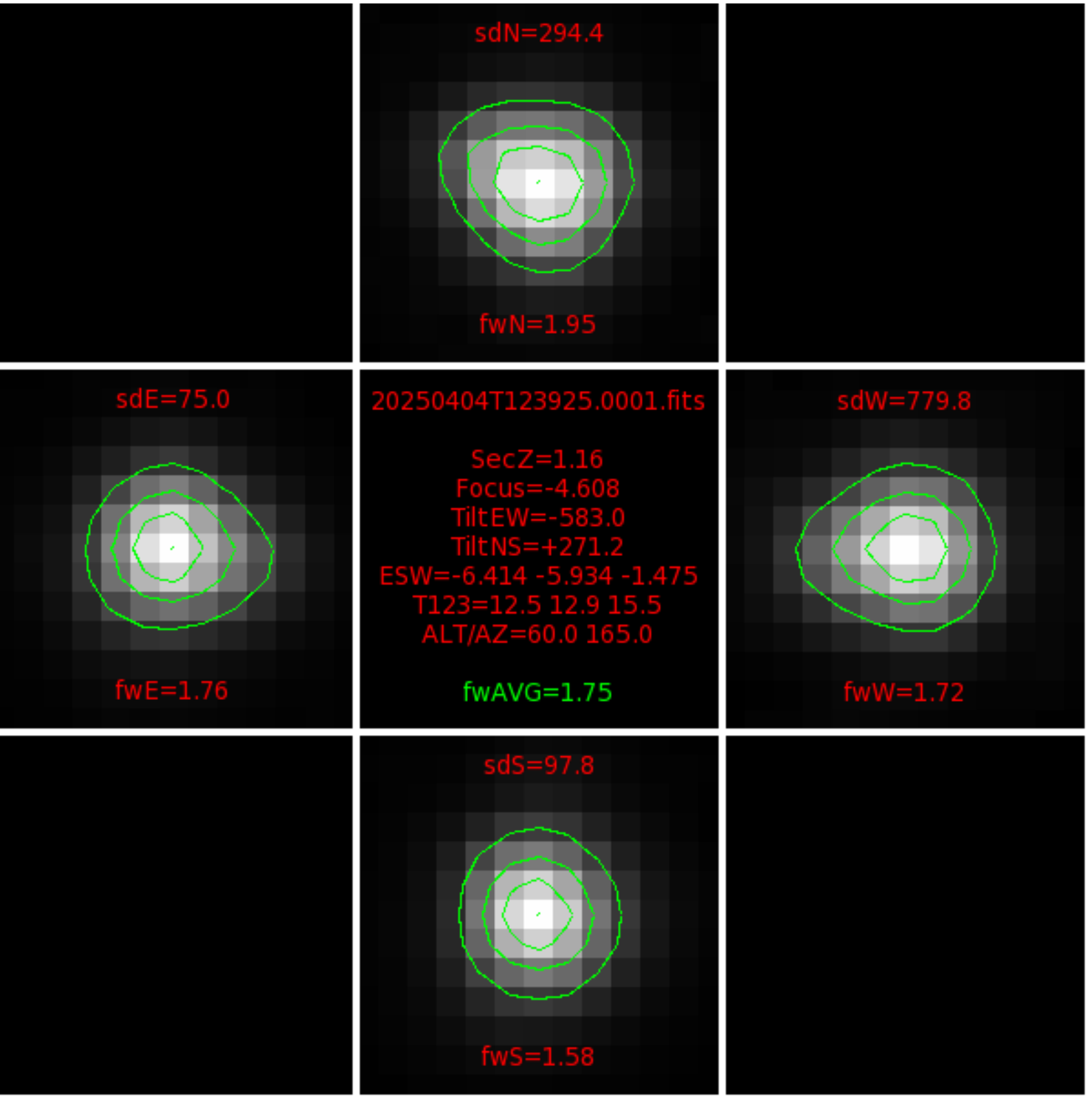

sdN=171.5
fwN=1.73
sdE=40.6
fwE=1.71
20250404T123859.0001.fits
SecZ=1.16
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 12.8 15.5
ALT/AZ=59.9 164.8
fwAVG=1.81
sdW=509.3
fwW=2.00
sdS=45.0
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=294.4
fwN=1.95
sdE=75.0
fwE=1.76
20250404T123925.0001.fits
SecZ=1.16
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 12.9 15.5
ALT/AZ=60.0 165.0
fwAVG=1.75
sdW=779.8
fwW=1.72
sdS=97.8
fwS=1.58
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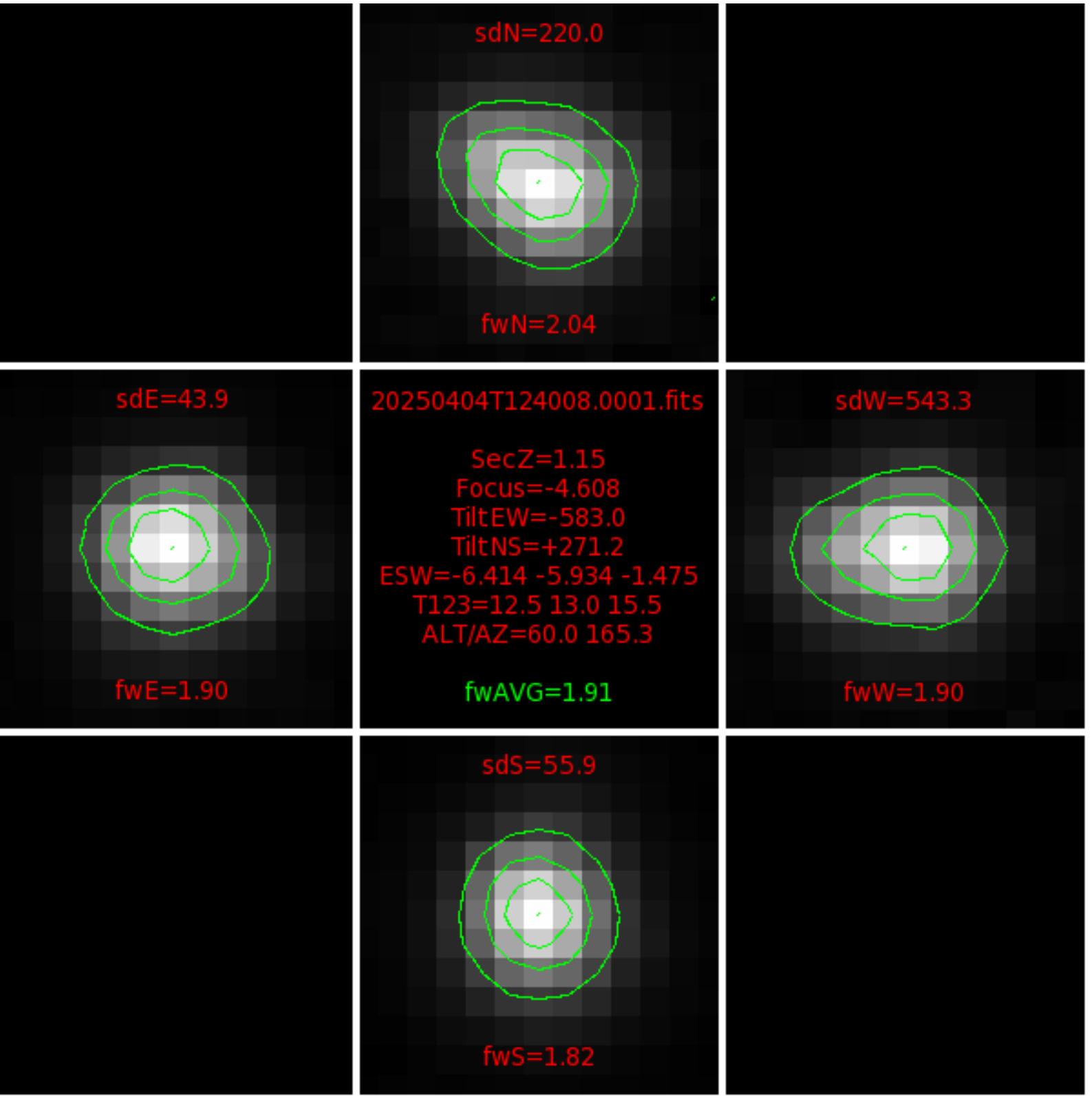
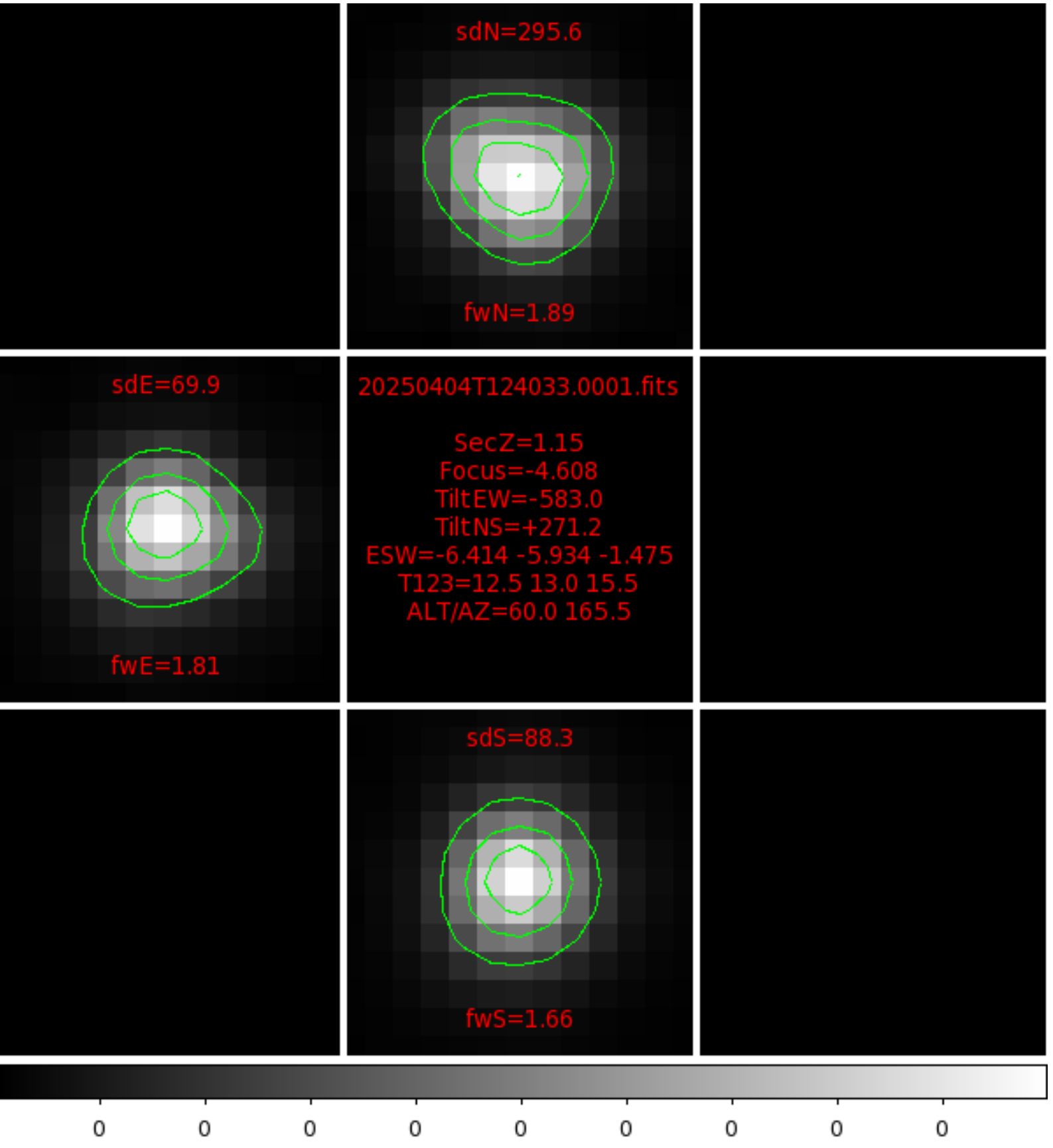

sdN=220.0
fwN=2.04
sdE=43.9
fwE=1.90
20250404T124008.0001.fits
SecZ=1.15
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 13.0 15.5
ALT/AZ=60.0 165.3
fwAVG=1.91
sdW=543.3
fwW=1.90
sdS=55.9
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=295.6
fwN=1.89
sdE=69.9
fwE=1.81
20250404T124033.0001.fits
SecZ=1.15
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 13.0 15.5
ALT/AZ=60.0 165.5
sdS=88.3
fwS=1.66
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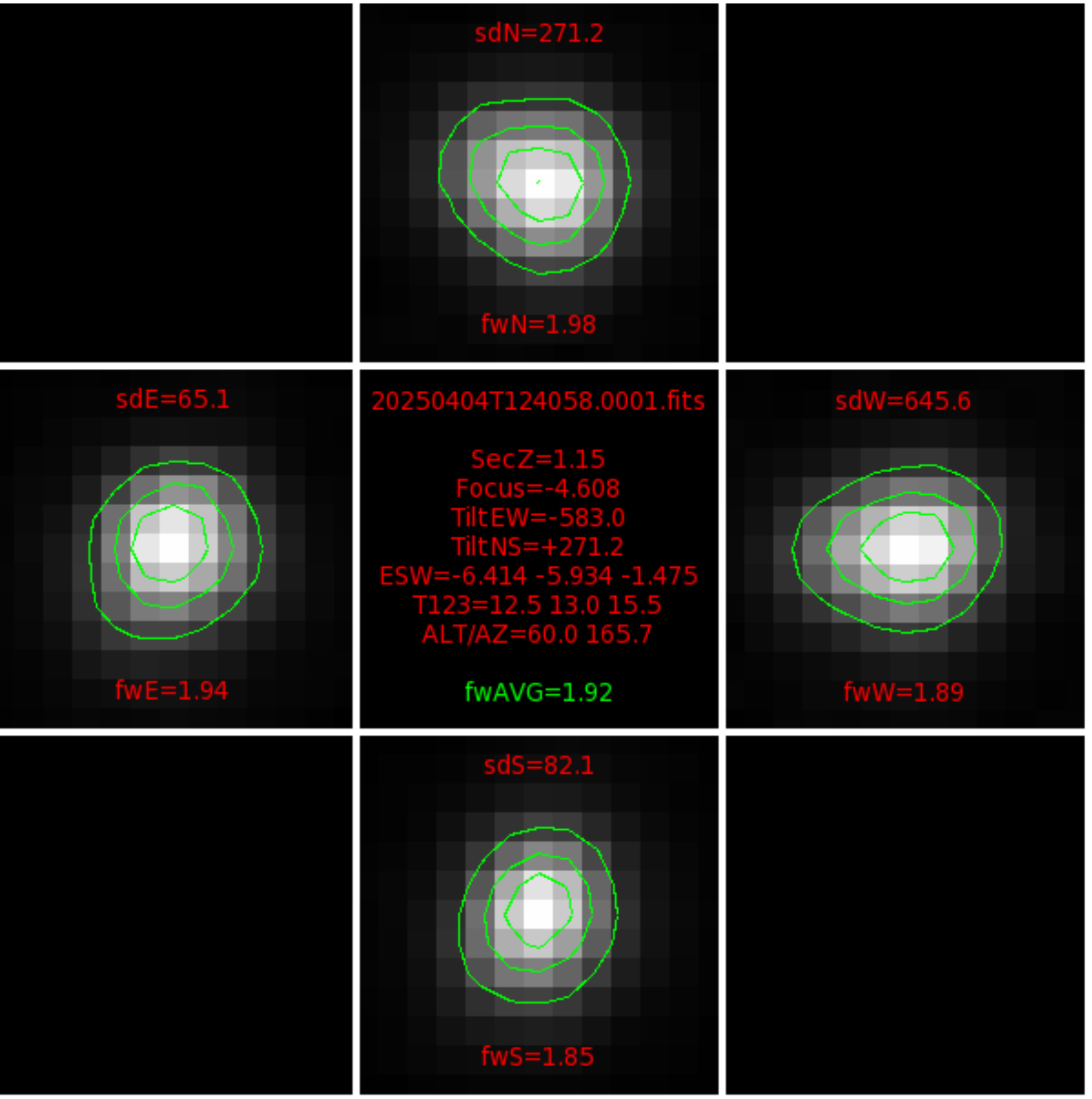
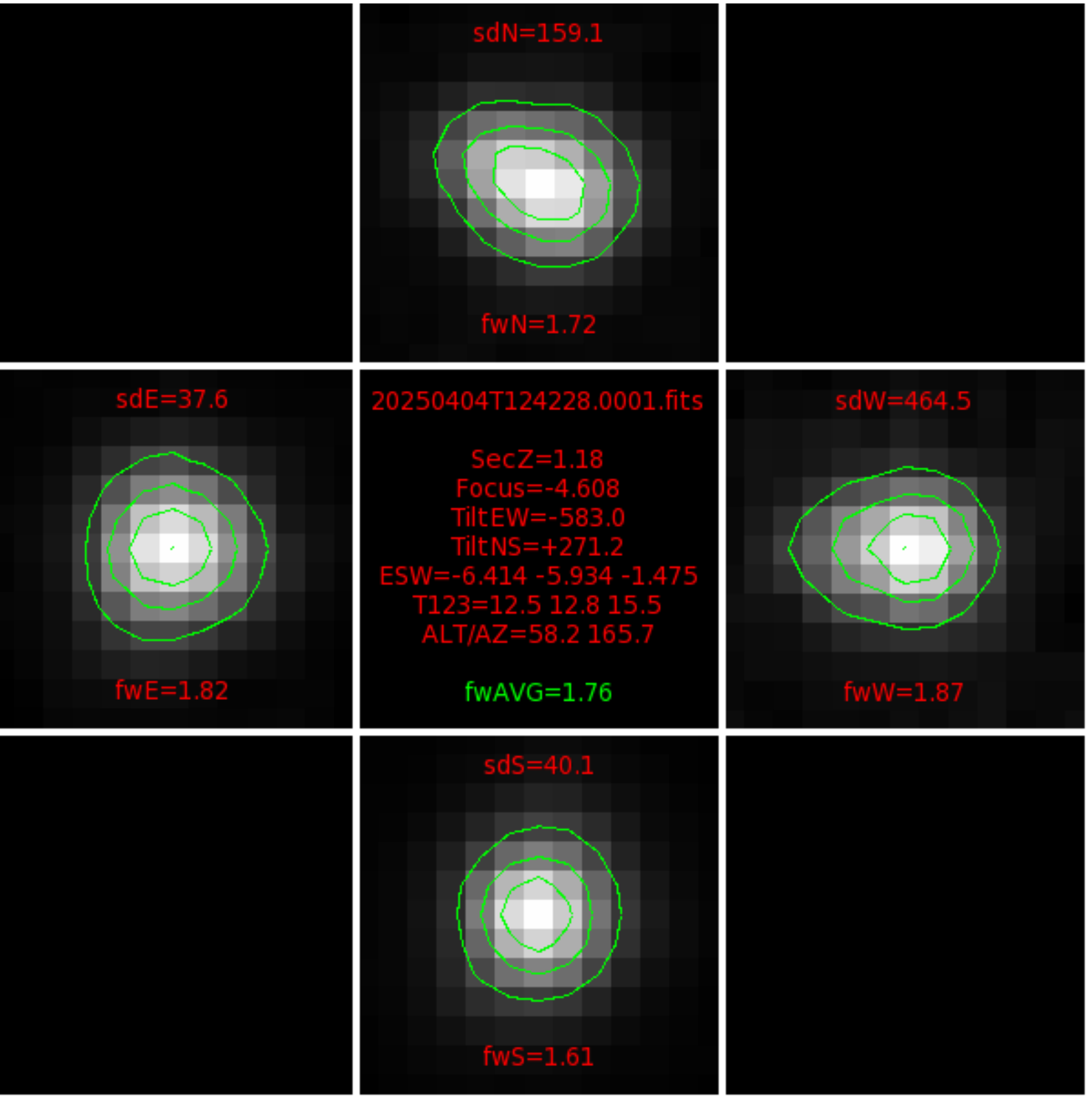

sdN=271.2
fwN=1.98
sdE=65.1
fwE=1.94
20250404T124058.0001.fits
SecZ=1.15
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 13.0 15.5
ALT/AZ=60.0 165.7
fwAVG=1.92
sdW=645.6
fwW=1.89
sdS=82.1
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=159.1
fwN=1.72
sdE=37.6
fwE=1.82
20250404T124228.0001.fits
SecZ=1.18
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 12.8 15.5
ALT/AZ=58.2 165.7
fwAVG=1.76
sdW=464.5
fwW=1.87
sdS=40.1
fwS=1.61
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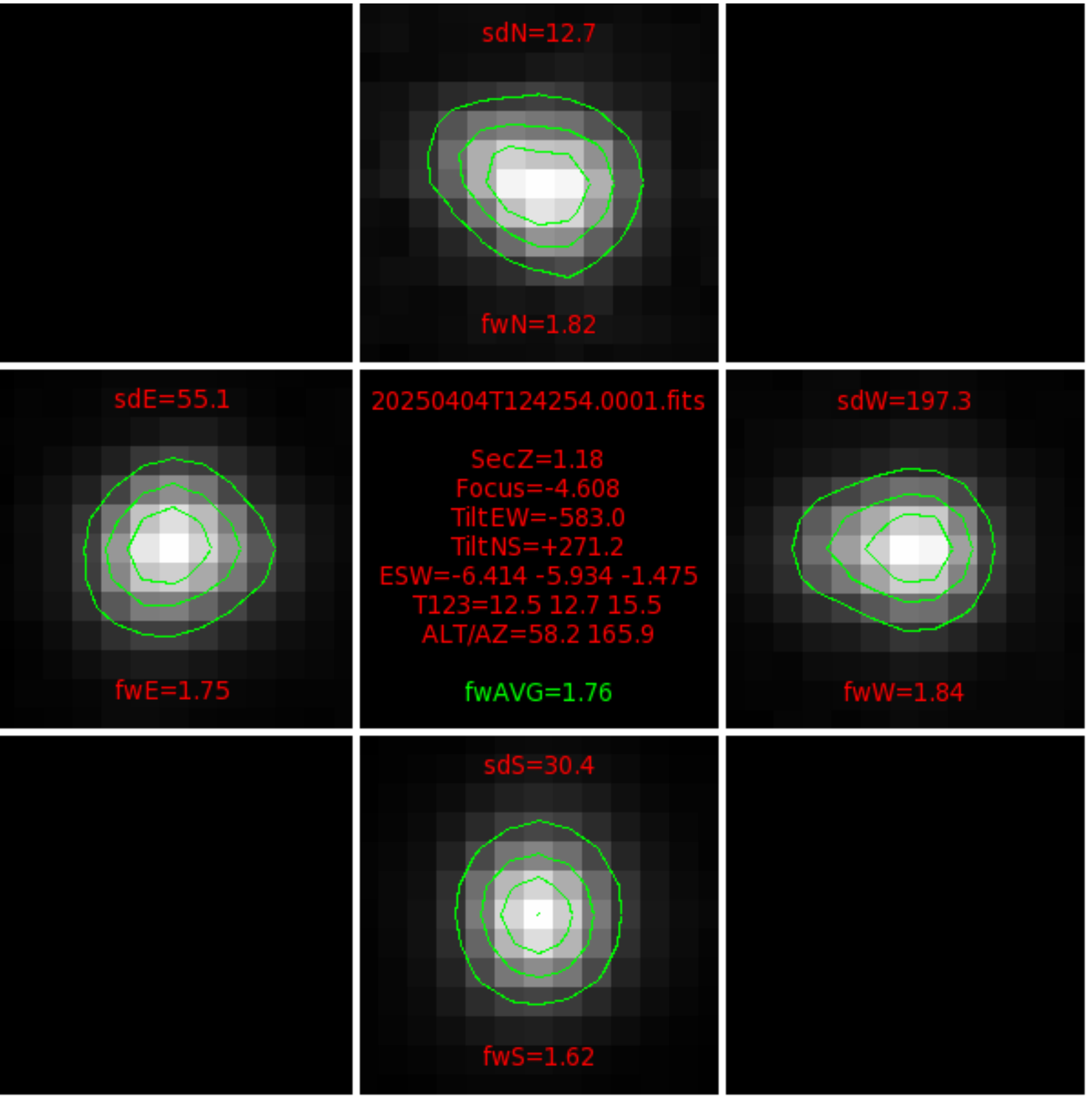
sdN=12.7
fwN=1.82
sdE=55.1
fwE=1.75
20250404T124254.0001.fits
SecZ=1.18
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 12.7 15.5
ALT/AZ=58.2 165.9
fwAVG=1.76
sdW=197.3
fwW=1.84
sdS=30.4
fwS=1.62
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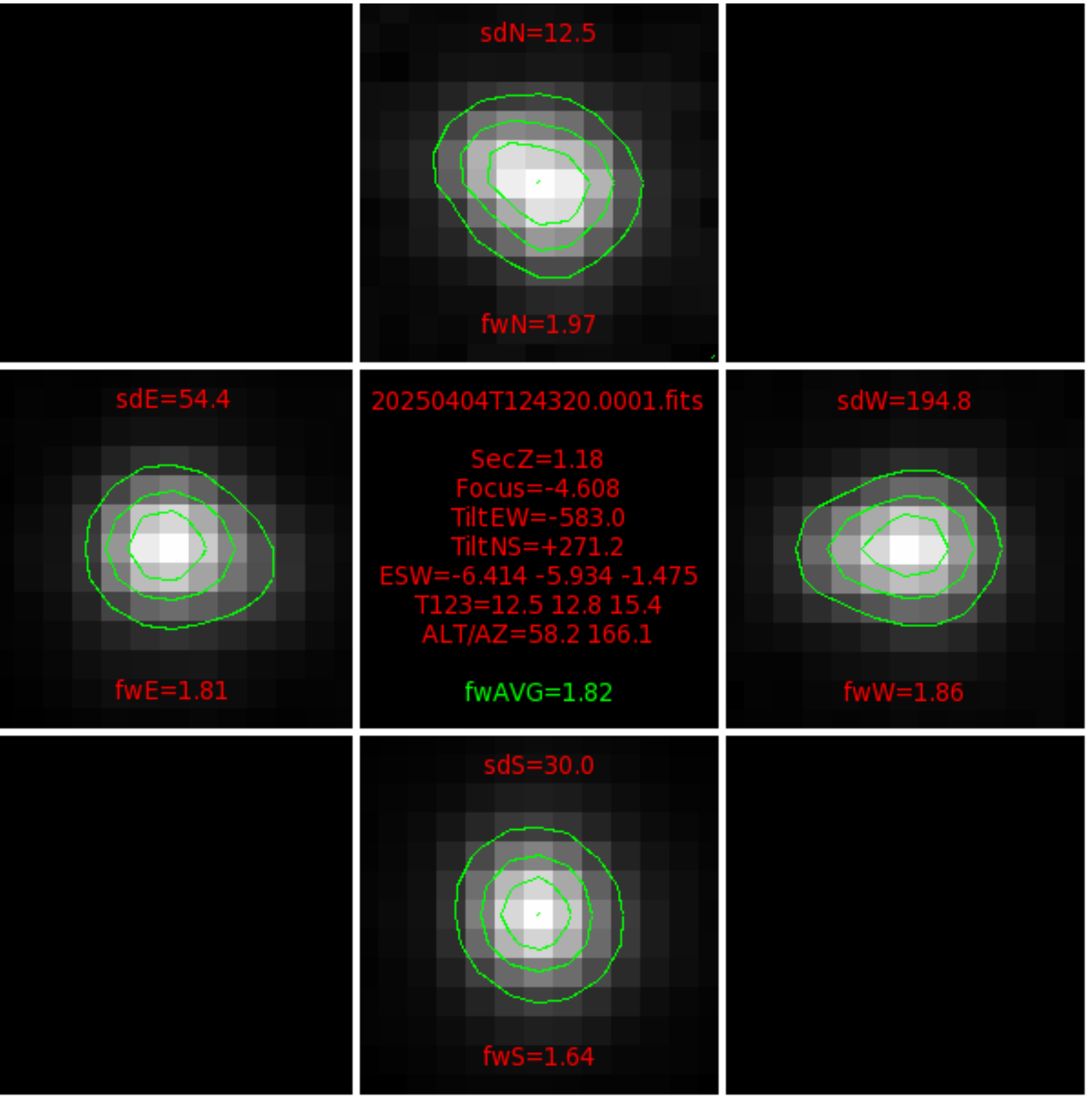
sdN=12.5
fwN=1.97
sdE=54.4
fwE=1.81
20250404T124320.0001.fits
SecZ=1.18
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 12.8 15.4
ALT/AZ=58.2 166.1
fwAVG=1.82
sdW=194.8
fwW=1.86
sdS=30.0
fwS=1.64
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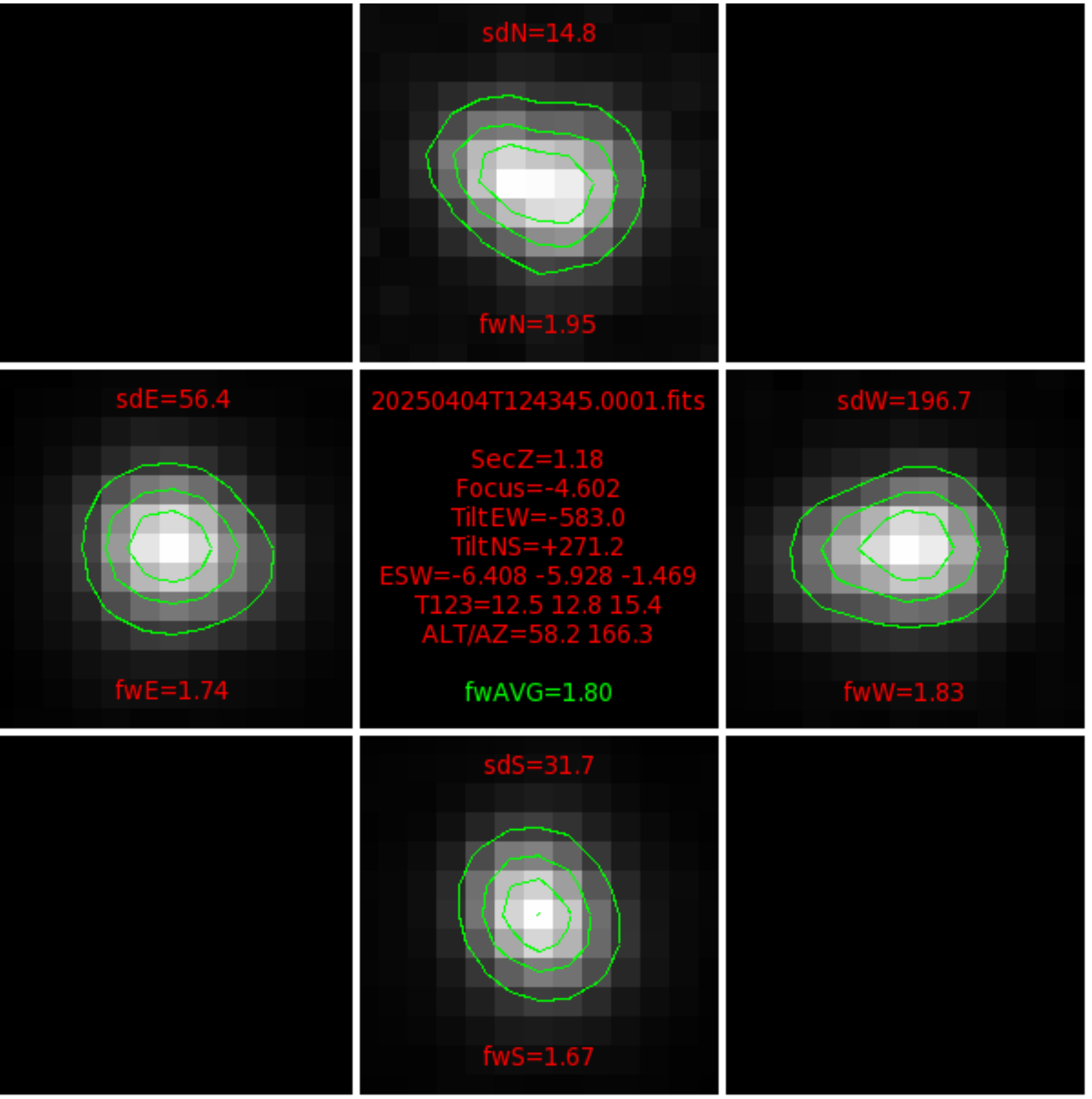
sdN=14.8
fwN=1.95
sdE=56.4
fwE=1.74
20250404T124345.0001.fits
SecZ=1.18
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.5 12.8 15.4
ALT/AZ=58.2 166.3
fwAVG=1.80
sdW=196.7
fwW=1.83
sdS=31.7
fwS=1.67
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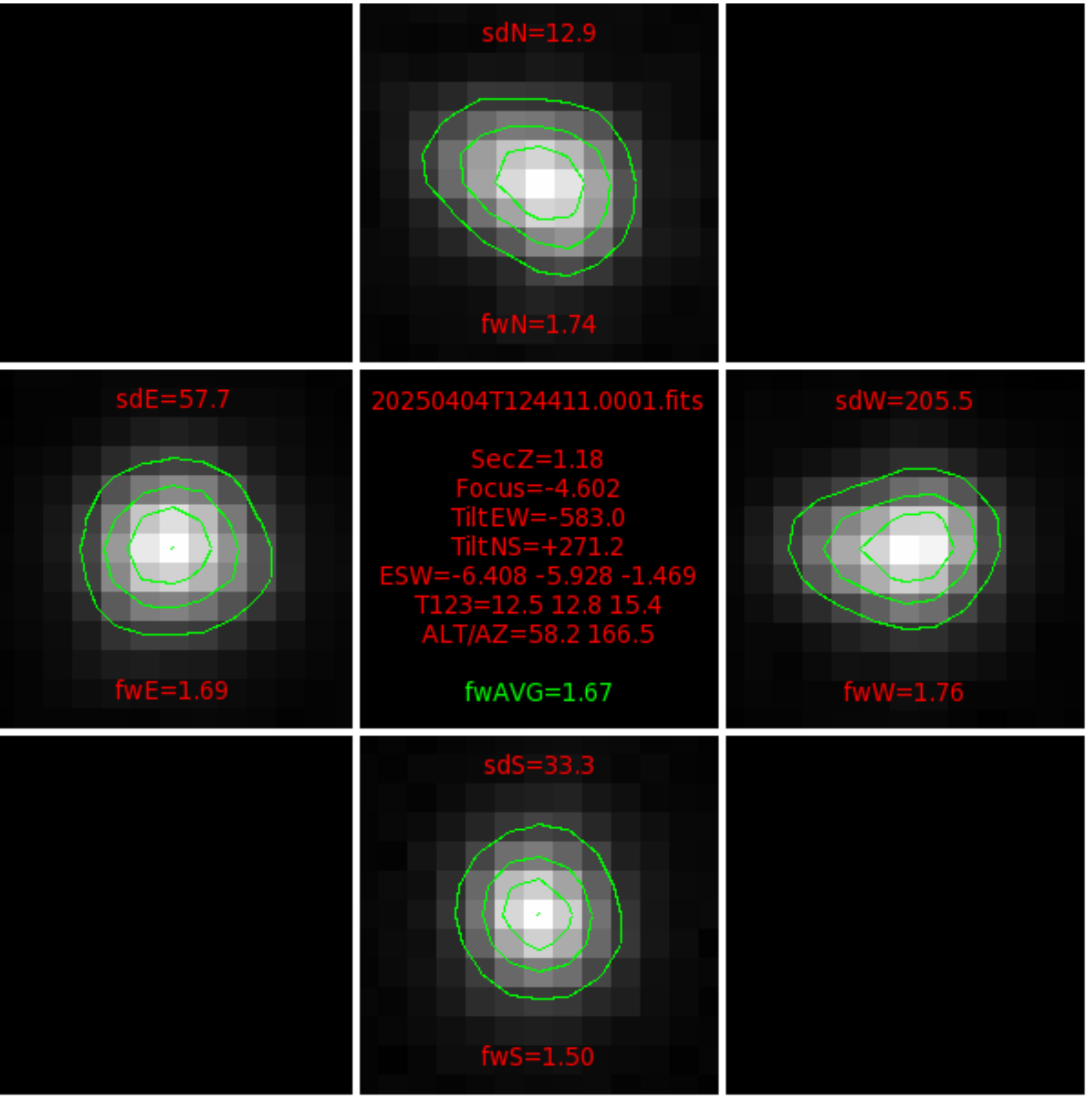
sdN=12.9
fwN=1.74
sdE=57.7
fwE=1.69
20250404T124411.0001.fits
SecZ=1.18
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.5 12.8 15.4
ALT/AZ=58.2 166.5
fwAVG=1.67
sdW=205.5
fwW=1.76
sdS=33.3
fwS=1.50
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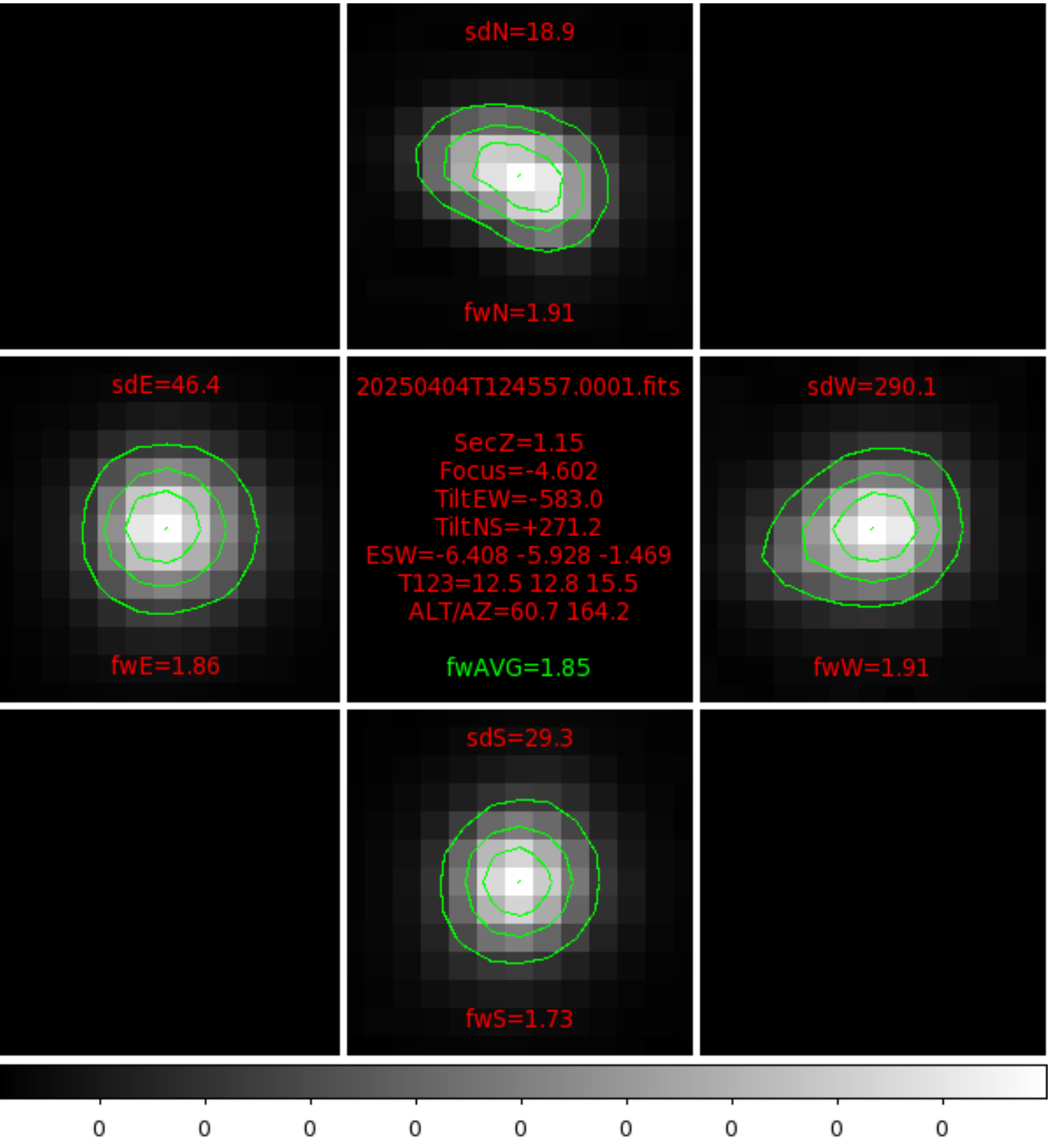
sdN=18.9
fwN=1.91
sdE=46.4
fwE=1.86
20250404T124557.0001.fits
SecZ=1.15
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.5 12.8 15.5
ALT/AZ=60.7 164.2
fwAVG=1.85
sdW=290.1
fwW=1.91
sdS=29.3
fwS=1.73
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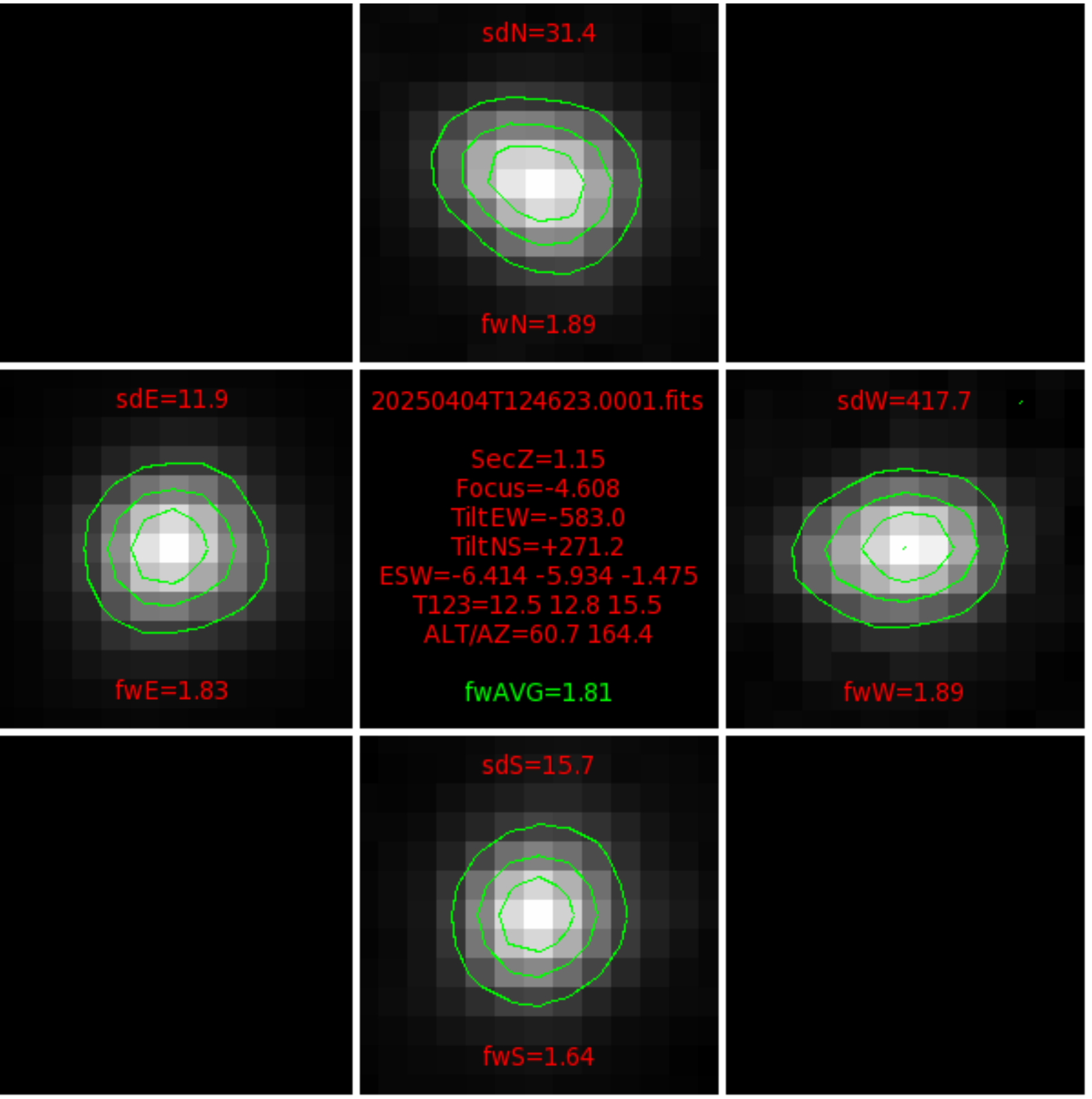
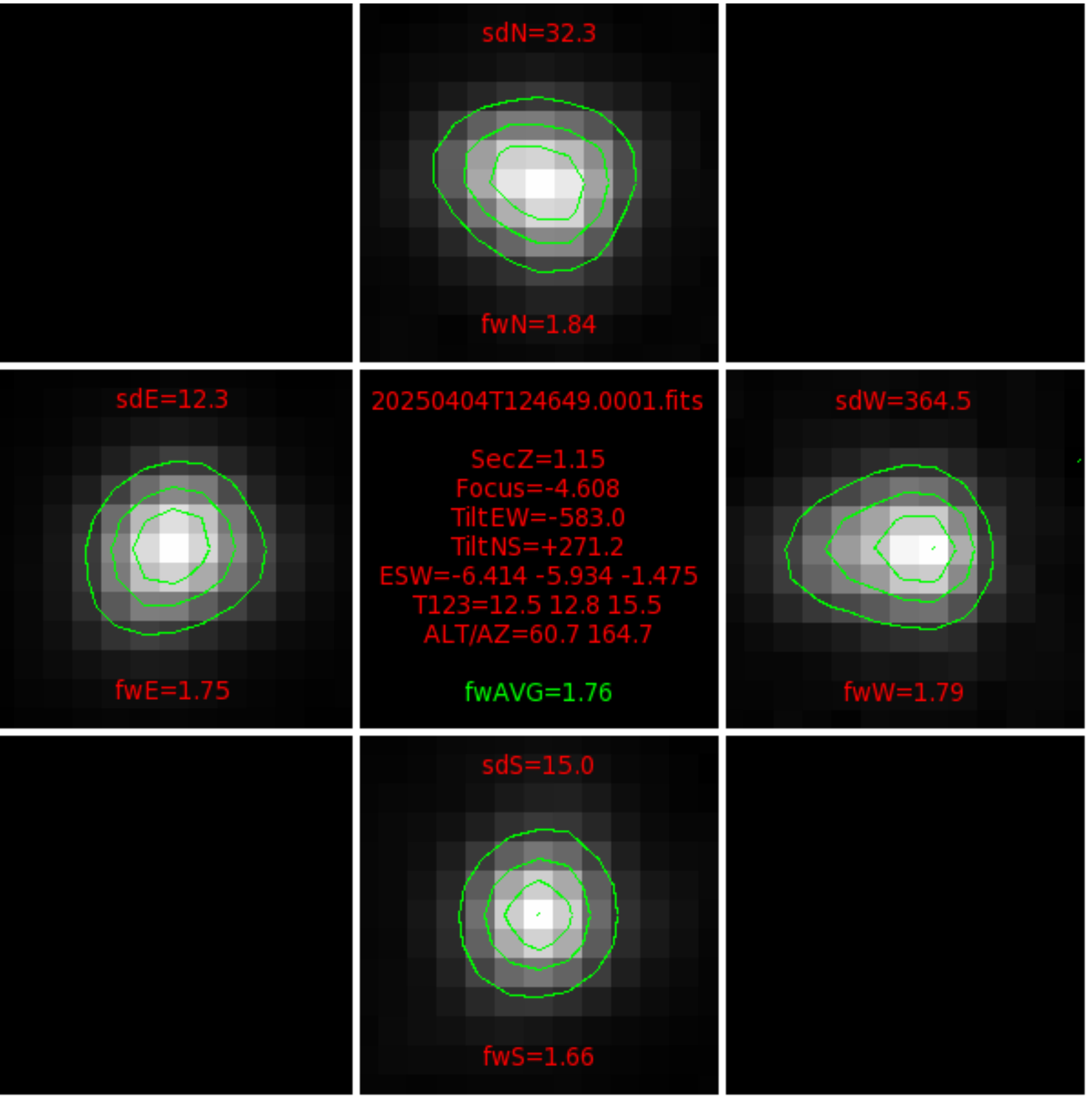
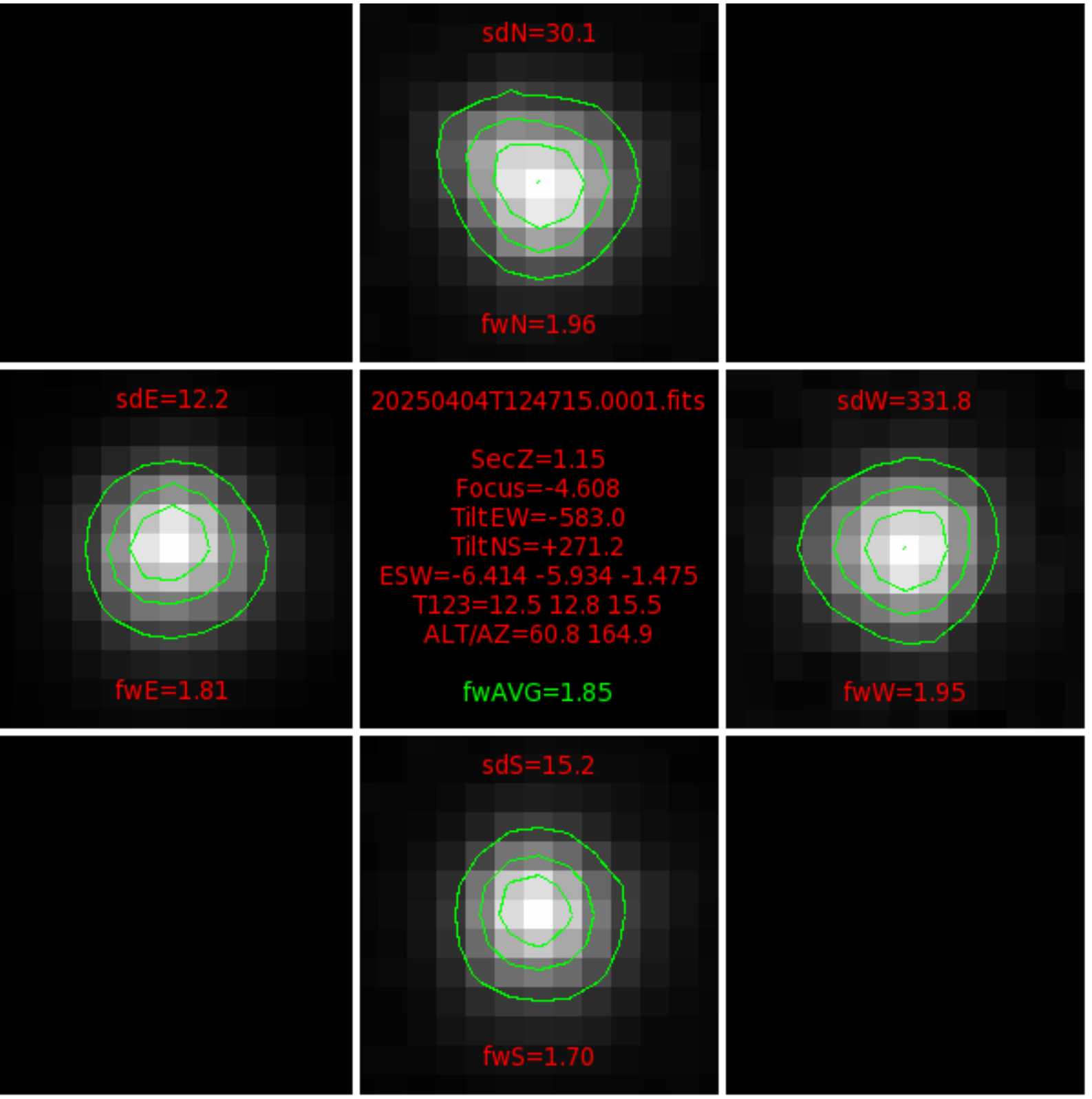
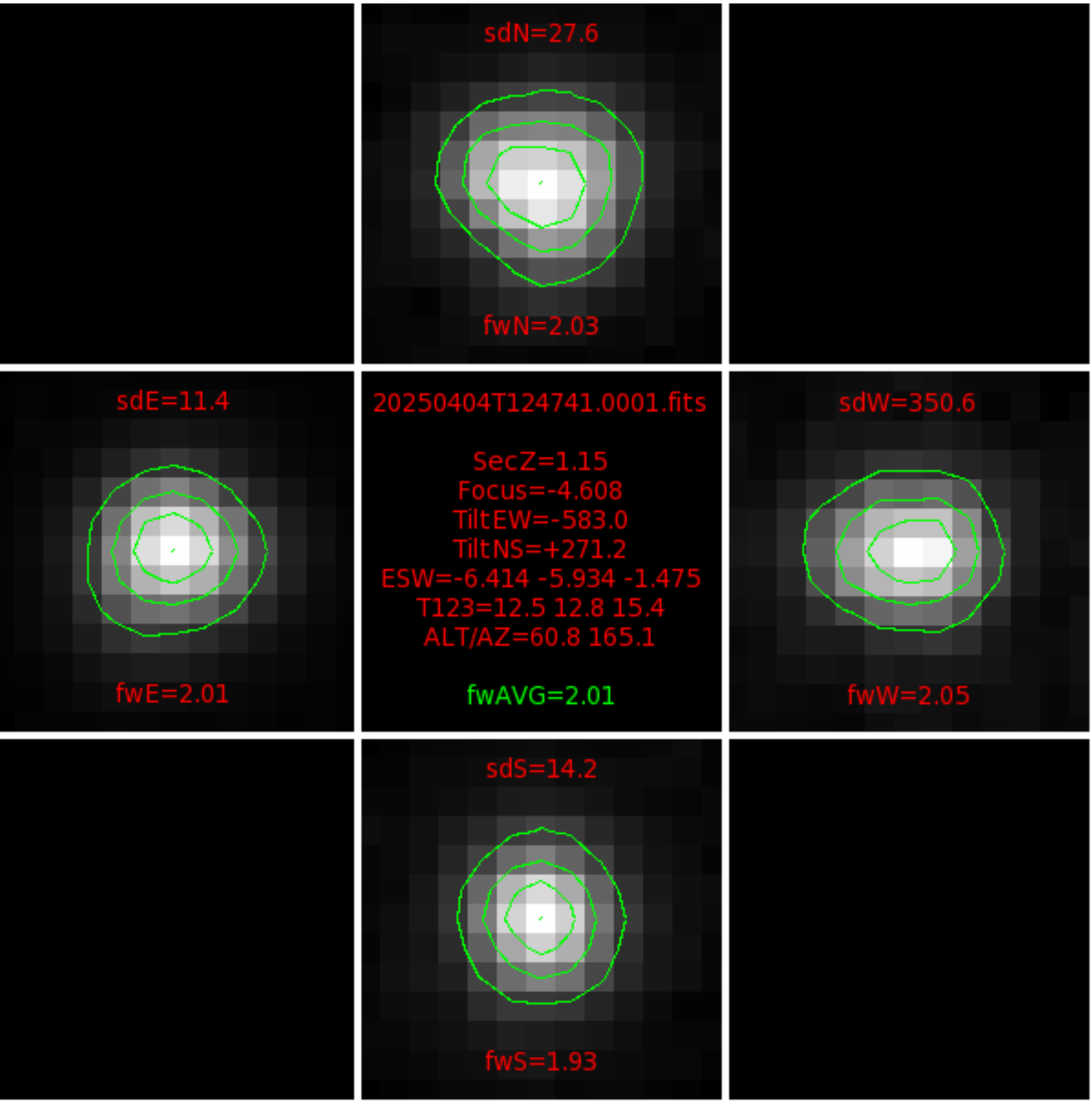
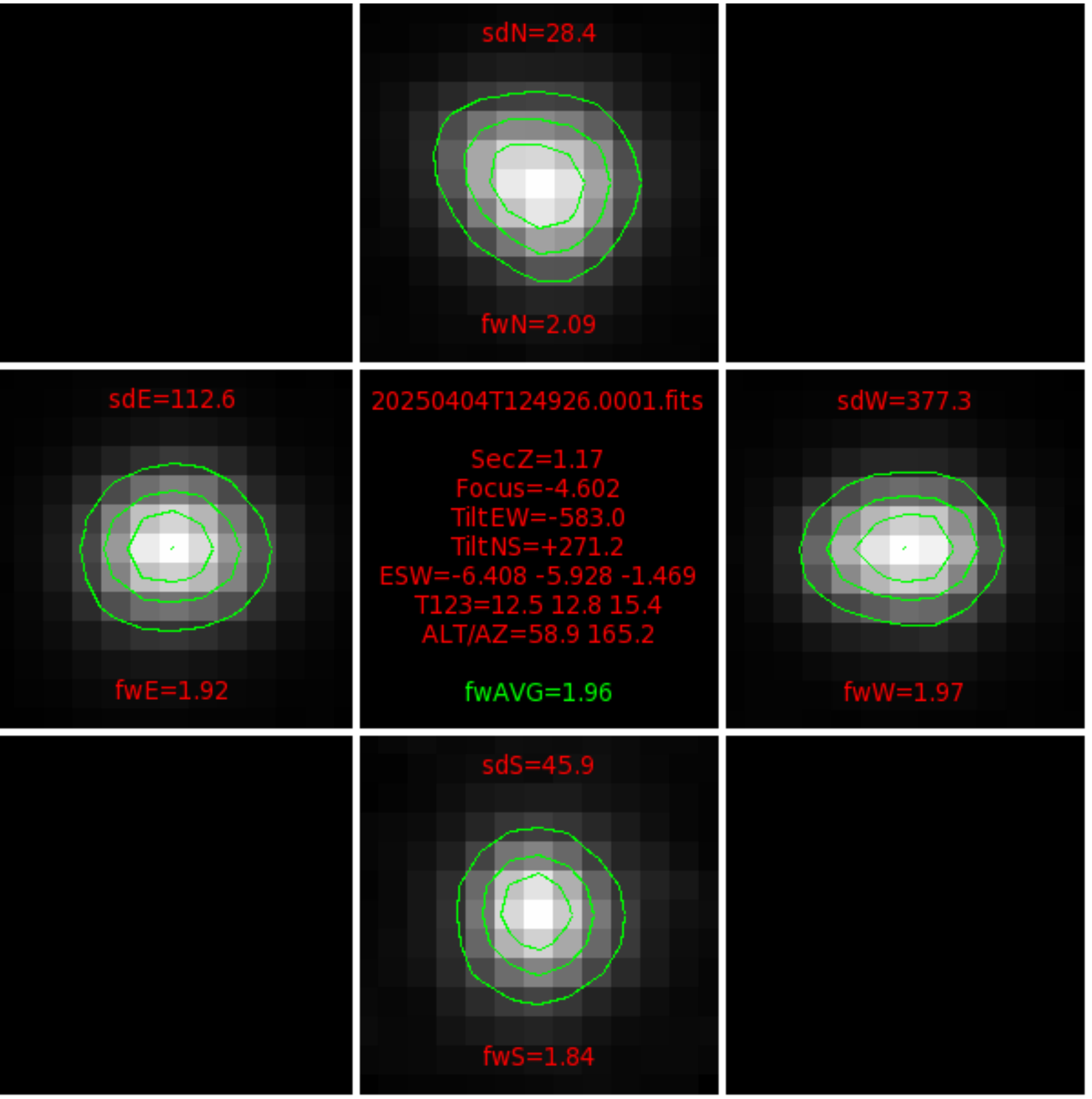
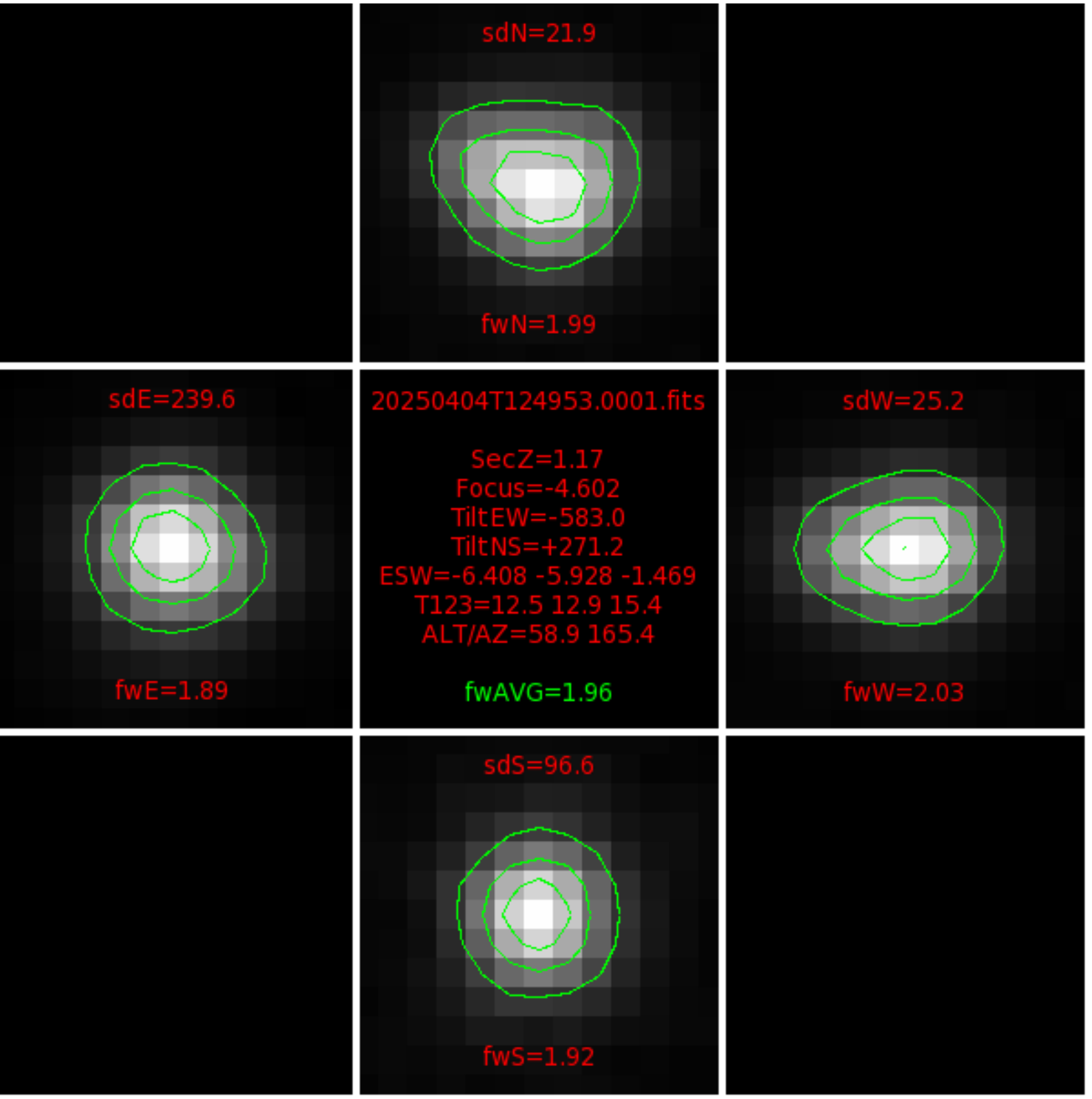

sdN=31.4
fwN=1.89
sdE=11.9
fwE=1.83
20250404T124623.0001.fits
SecZ=1.15
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 12.8 15.5
ALT/AZ=60.7 164.4
fwAVG=1.81
sdW=417.7
fwW=1.89
sdS=15.7
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=32.3
fwN=1.84
sdE=12.3
fwE=1.75
20250404T124649.0001.fits
SecZ=1.15
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 12.8 15.5
ALT/AZ=60.7 164.7
fwAVG=1.76
sdW=364.5
fwW=1.79
sdS=15.0
fwS=1.66
0 0 0 0 0 0 0 0 0


sdN=30.1
fwN=1.96
sdE=12.2
fwE=1.81
20250404T124715.0001.fits
SecZ=1.15
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 12.8 15.5
ALT/AZ=60.8 164.9
fwAVG=1.85
sdW=331.8
fwW=1.95
sdS=15.2
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=27.6
fwN=2.03
sdE=11.4
fwE=2.01
20250404T124741.0001.fits
SecZ=1.15
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 12.8 15.4
ALT/AZ=60.8 165.1
fwAVG=2.01
sdW=350.6
fwW=2.05
sdS=14.2
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=28.4
fwN=2.09
sdE=112.6
fwE=1.92
20250404T124926.0001.fits
SecZ=1.17
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.5 12.8 15.4
ALT/AZ=58.9 165.2
fwAVG=1.96
sdW=377.3
fwW=1.97
sdS=45.9
fwS=1.84
0 0 0 0 0 0 0 0 0


sdN=21.9
fwN=1.99
sdE=239.6
fwE=1.89
20250404T124953.0001.fits
SecZ=1.17
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.5 12.9 15.4
ALT/AZ=58.9 165.4
fwAVG=1.96
sdW=25.2
fwW=2.03
sdS=96.6
fwS=1.92
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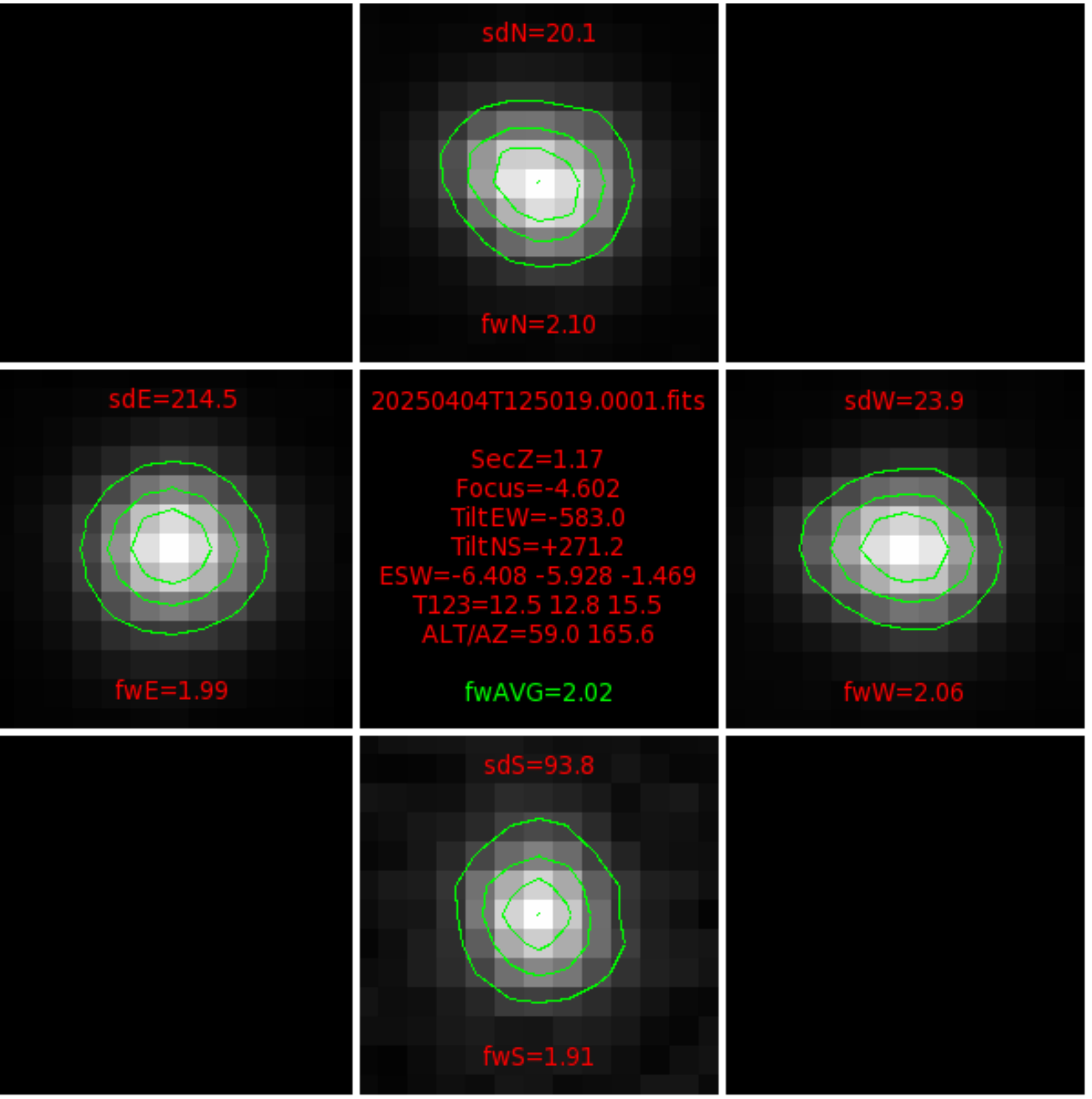
sdN=20.1
fwN=2.10
sdE=214.5
fwE=1.99
20250404T125019.0001.fits
SecZ=1.17
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.5 12.8 15.5
ALT/AZ=59.0 165.6
fwAVG=2.02
sdW=23.9
fwW=2.06
sdS=93.8
fwS=1.91
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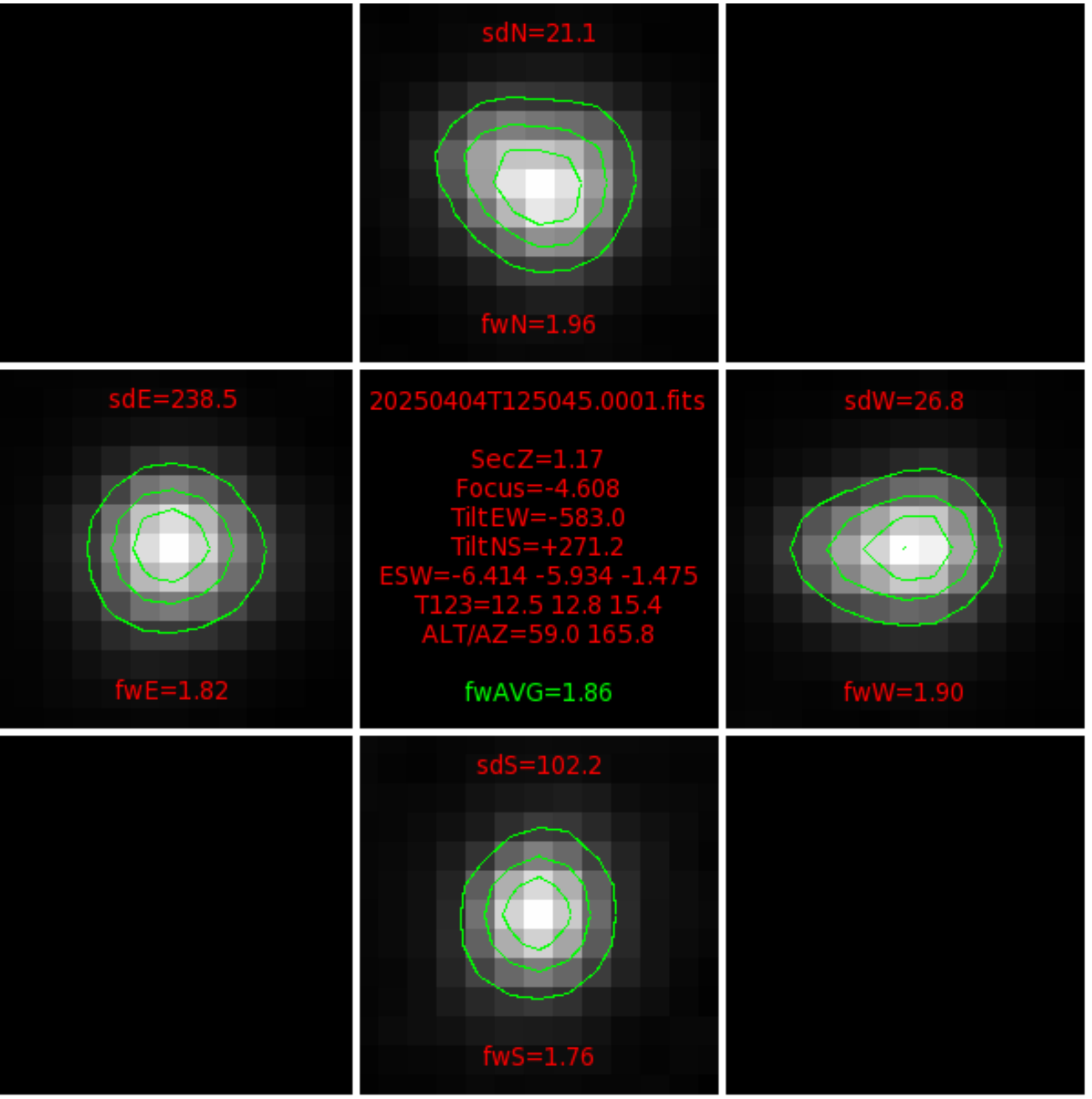
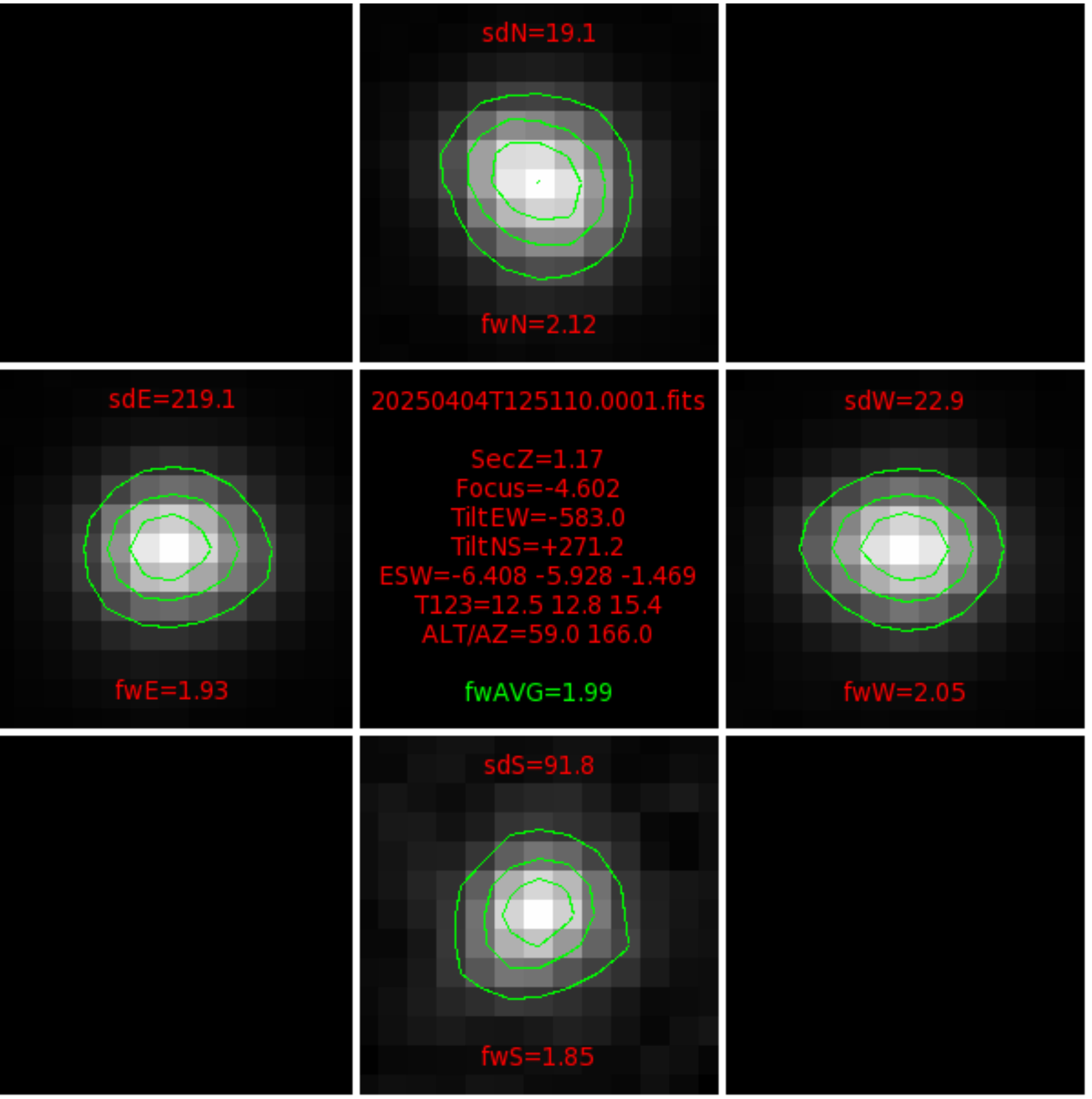
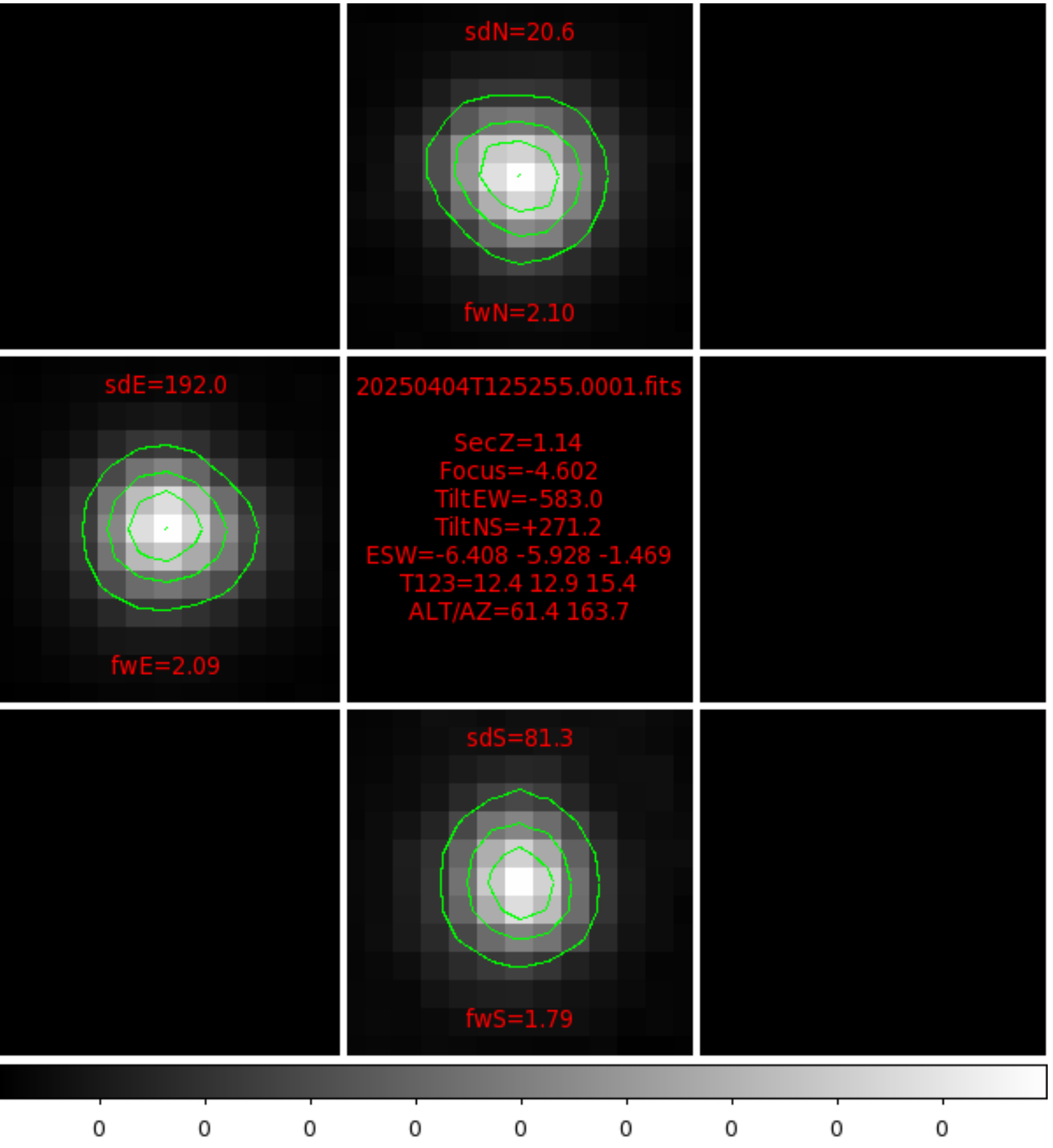
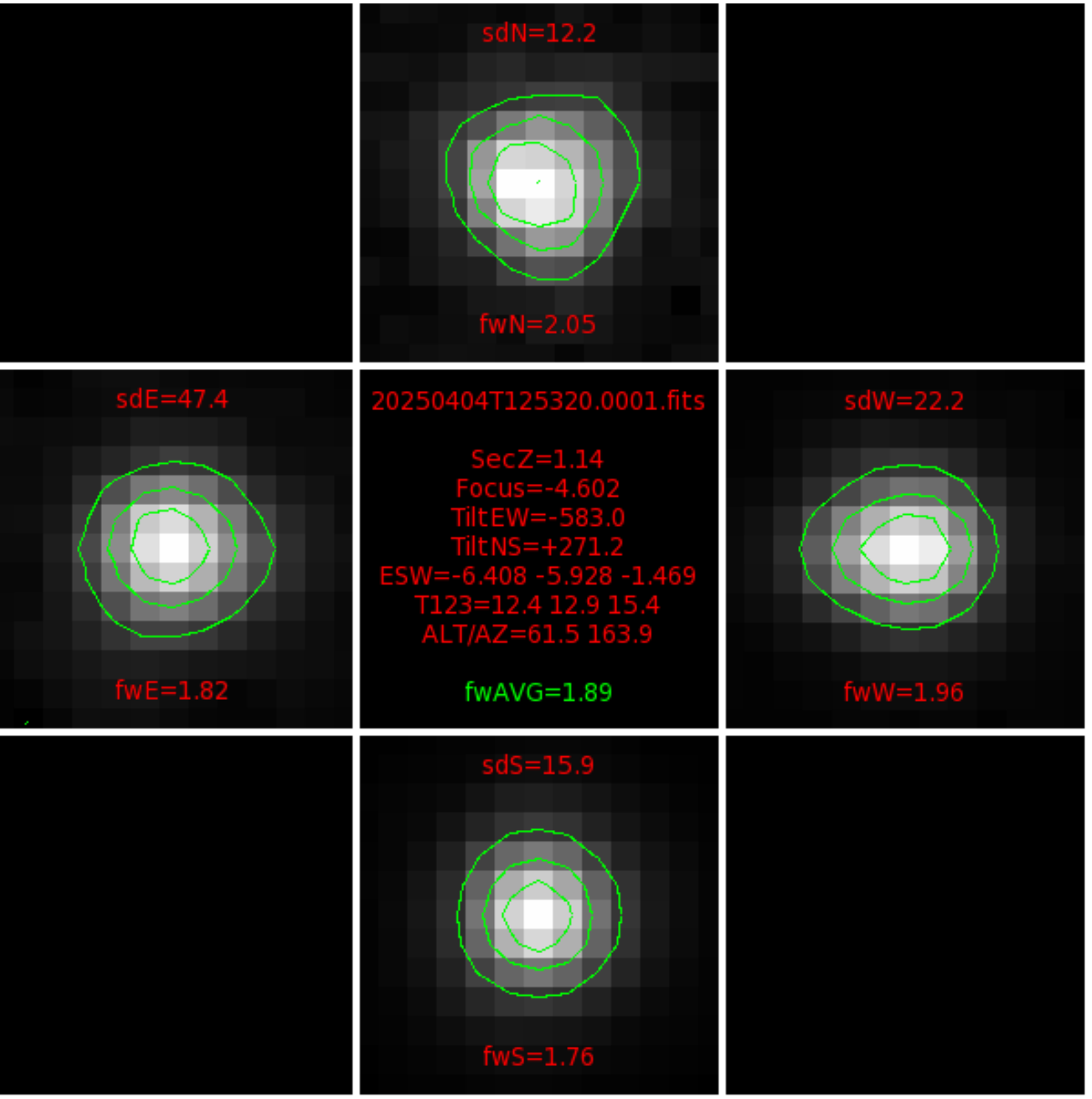
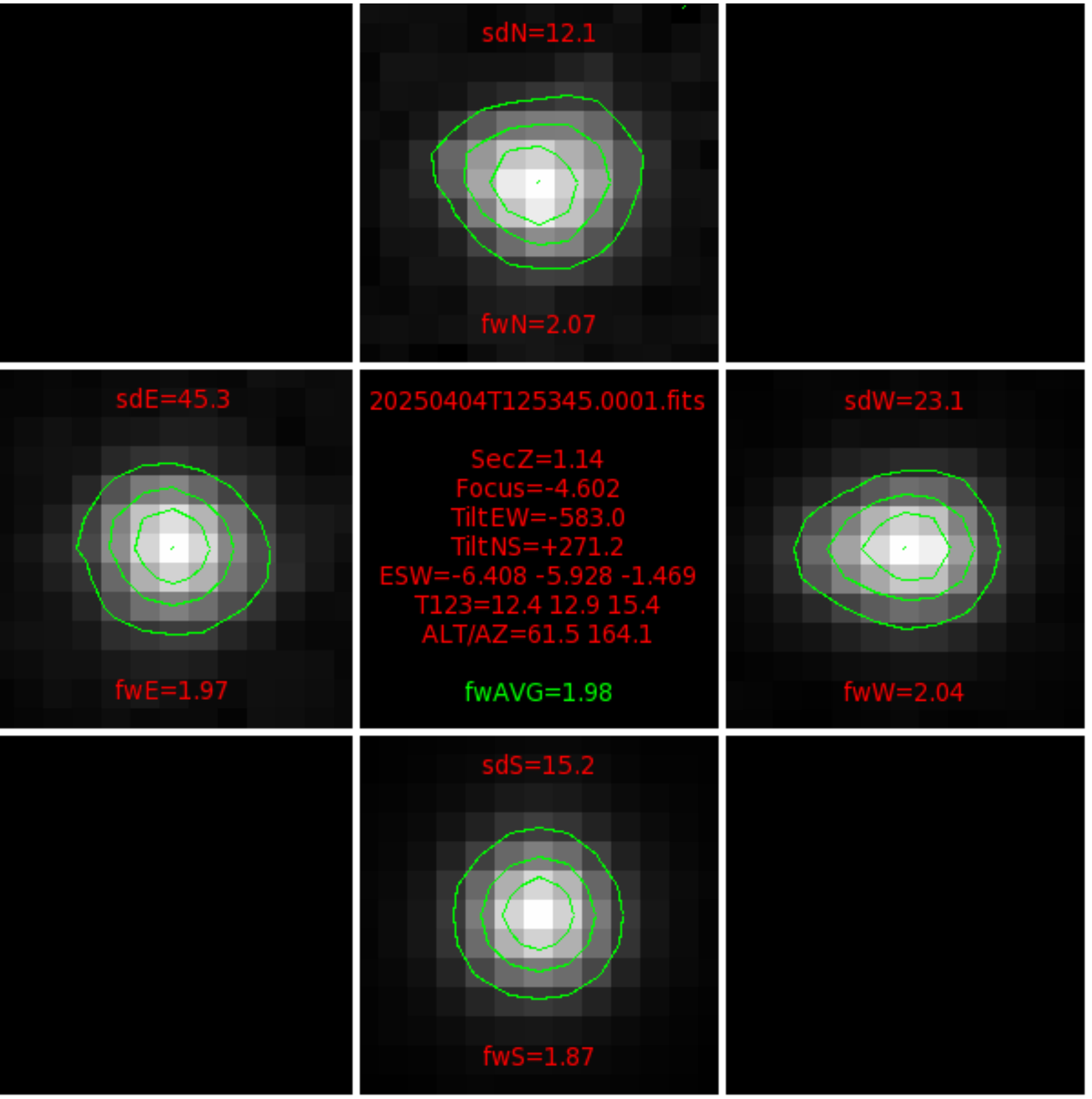

sdN=21.1
fwN=1.96
sdE=238.5
fwE=1.82
20250404T125045.0001.fits
SecZ=1.17
Focus=-4.608
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.414 -5.934 -1.475
T123=12.5 12.8 15.4
ALT/AZ=59.0 165.8
fwAVG=1.86
sdW=26.8
fwW=1.90
sdS=102.2
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=19.1
fwN=2.12
sdE=219.1
fwE=1.93
20250404T125110.0001.fits
SecZ=1.17
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.5 12.8 15.4
ALT/AZ=59.0 166.0
fwAVG=1.99
sdW=22.9
fwW=2.05
sdS=91.8
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=20.6
fwN=2.10
sdE=192.0
fwE=2.09
20250404T125255.0001.fits
SecZ=1.14
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.4 12.9 15.4
ALT/AZ=61.4 163.7
sdS=81.3
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=12.2
fwN=2.05
sdE=47.4
fwE=1.82
20250404T125320.0001.fits
SecZ=1.14
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.4 12.9 15.4
ALT/AZ=61.5 163.9
fwAVG=1.89
sdW=22.2
fwW=1.96
sdS=15.9
fwS=1.76
0 0 0 0 0 0 0 0 0


sdN=12.1
fwN=2.07
sdE=45.3
fwE=1.97
20250404T125345.0001.fits
SecZ=1.14
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.4 12.9 15.4
ALT/AZ=61.5 164.1
fwAVG=1.98
sdW=23.1
fwW=2.04
sdS=15.2
fwS=1.87
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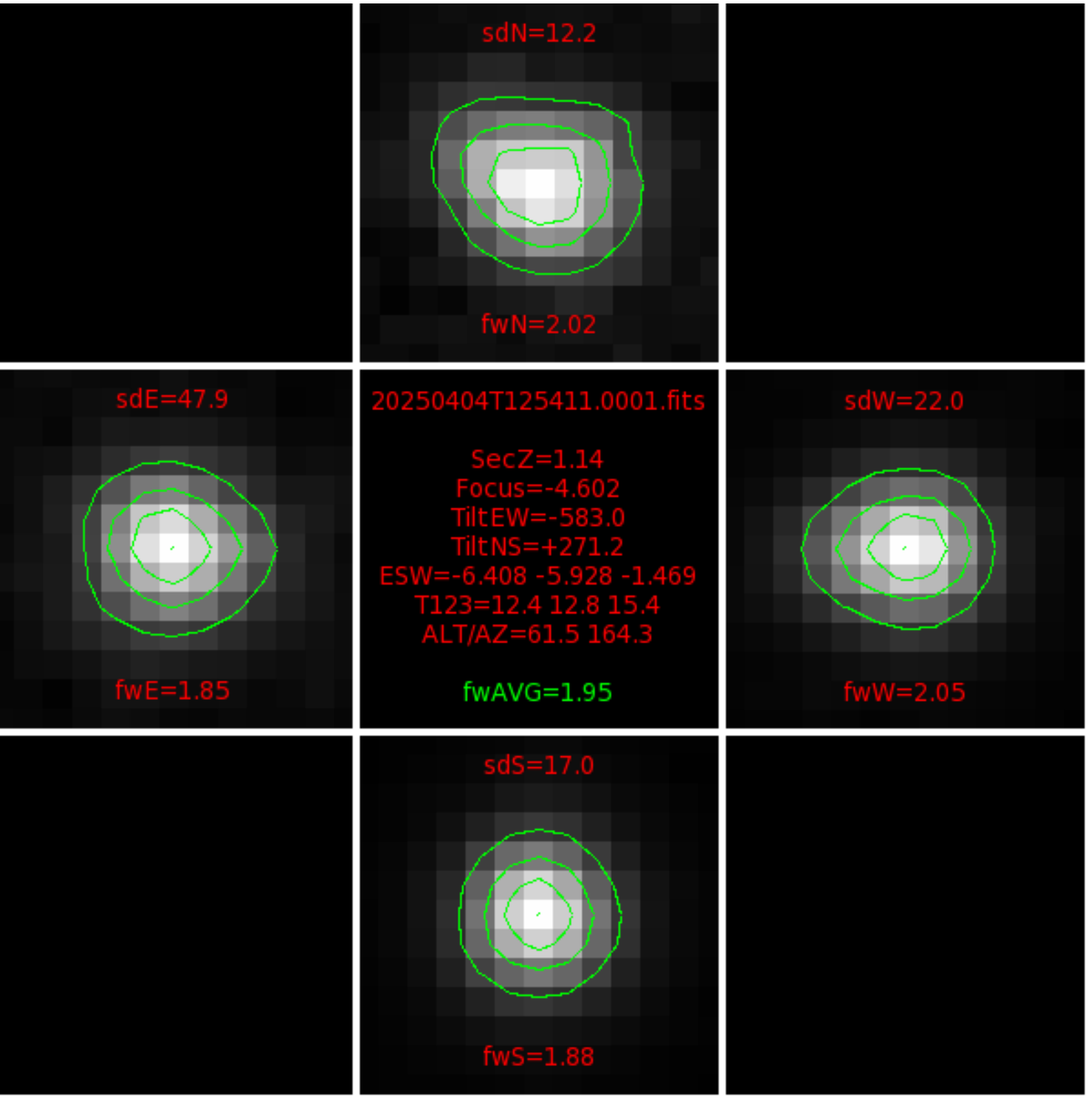
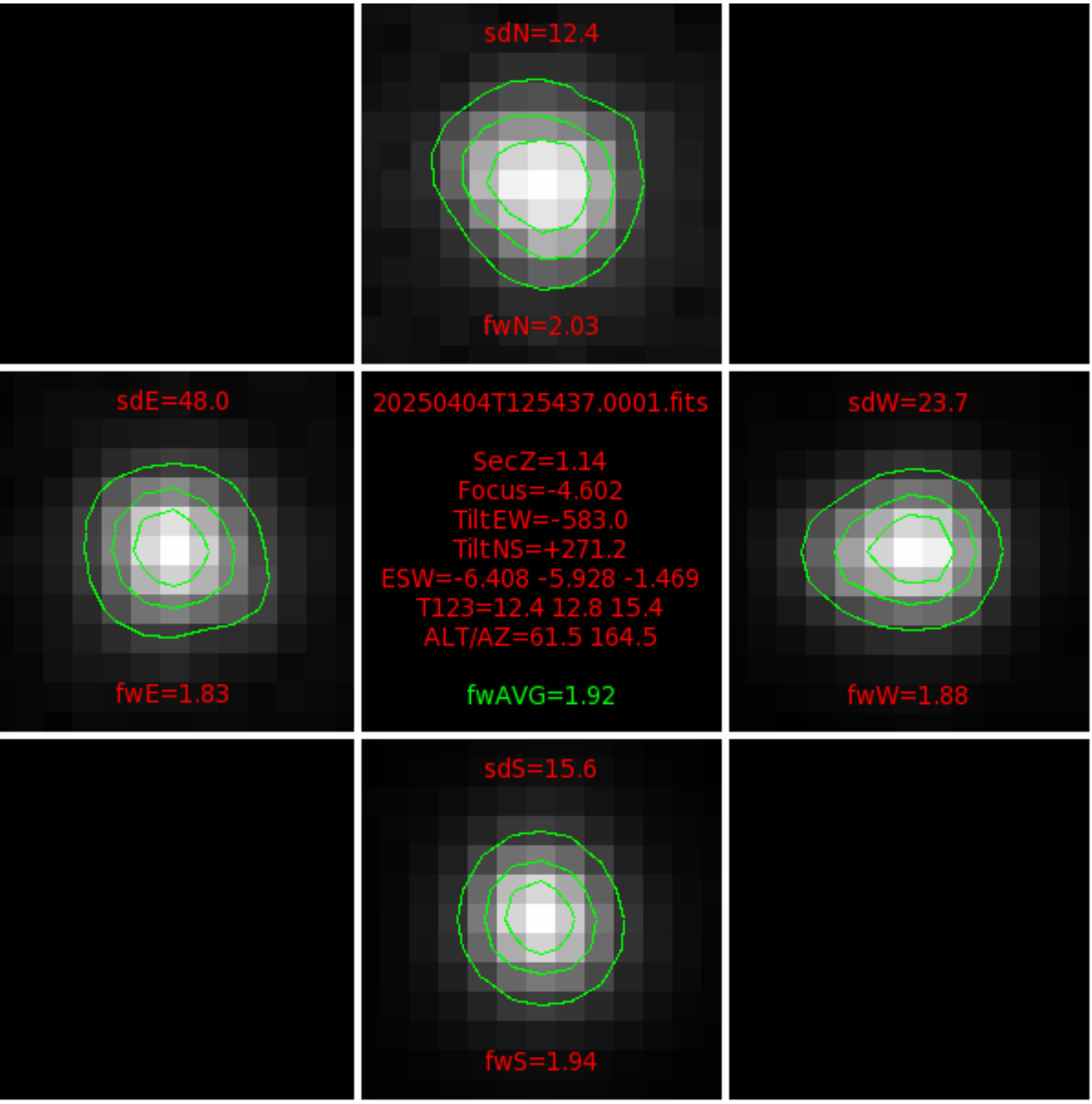

sdN=12.2
fwN=2.02
sdE=47.9
fwE=1.85
20250404T125411.0001.fits
SecZ=1.14
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.4 12.8 15.4
ALT/AZ=61.5 164.3
fwAVG=1.95
sdW=22.0
fwW=2.05
sdS=17.0
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=12.4
fwN=2.03
sdE=48.0
fwE=1.83
20250404T125437.0001.fits
SecZ=1.14
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.4 12.8 15.4
ALT/AZ=61.5 164.5
fwAVG=1.92
sdW=23.7
fwW=1.88
sdS=15.6
fwS=1.94
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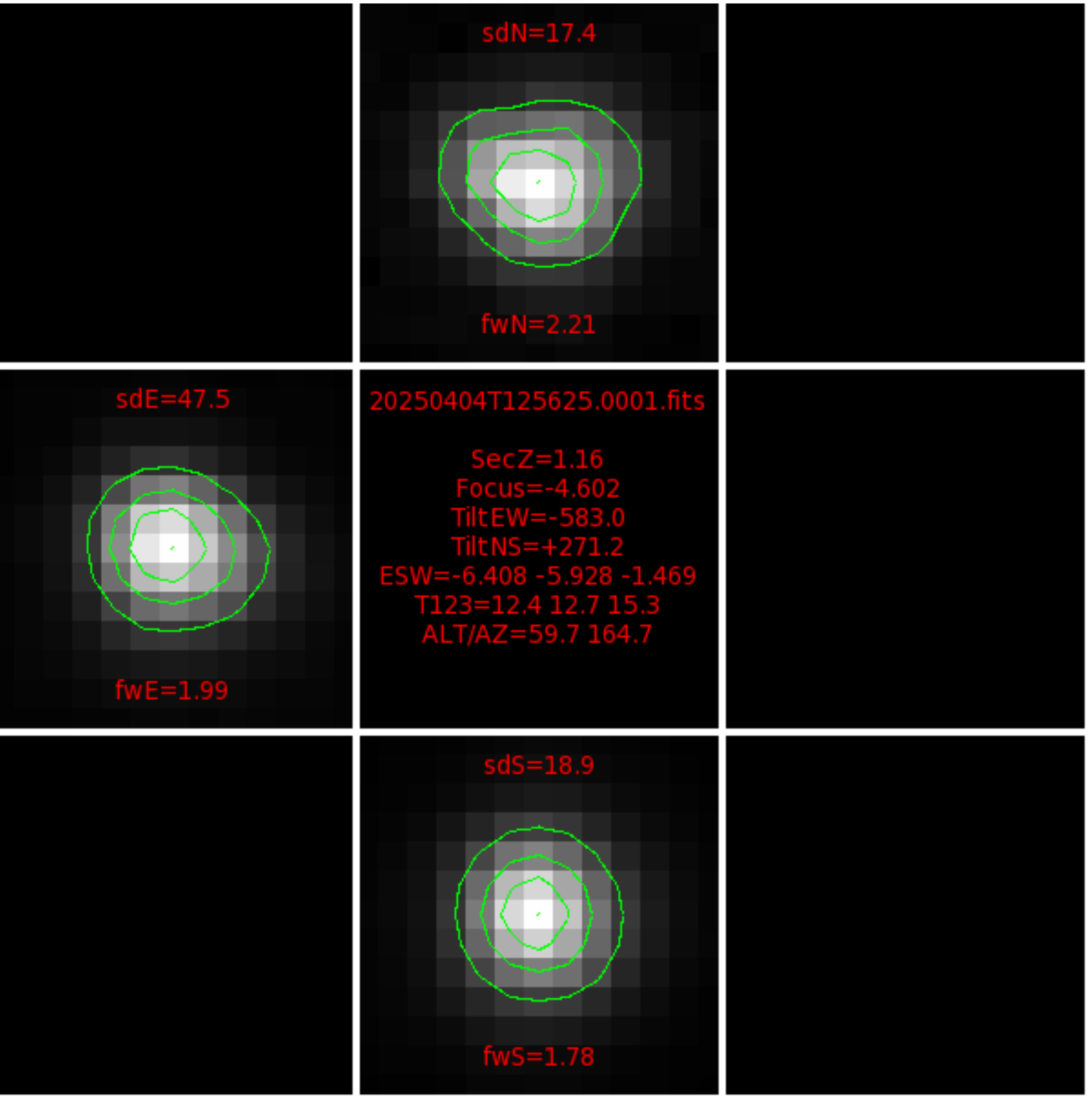
sdN=17.4
fwN=2.21
sdE=47.5
fwE=1.99
20250404T125625.0001.fits
SecZ=1.16
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.4 12.7 15.3
ALT/AZ=59.7 164.7
sdS=18.9
fwS=1.78
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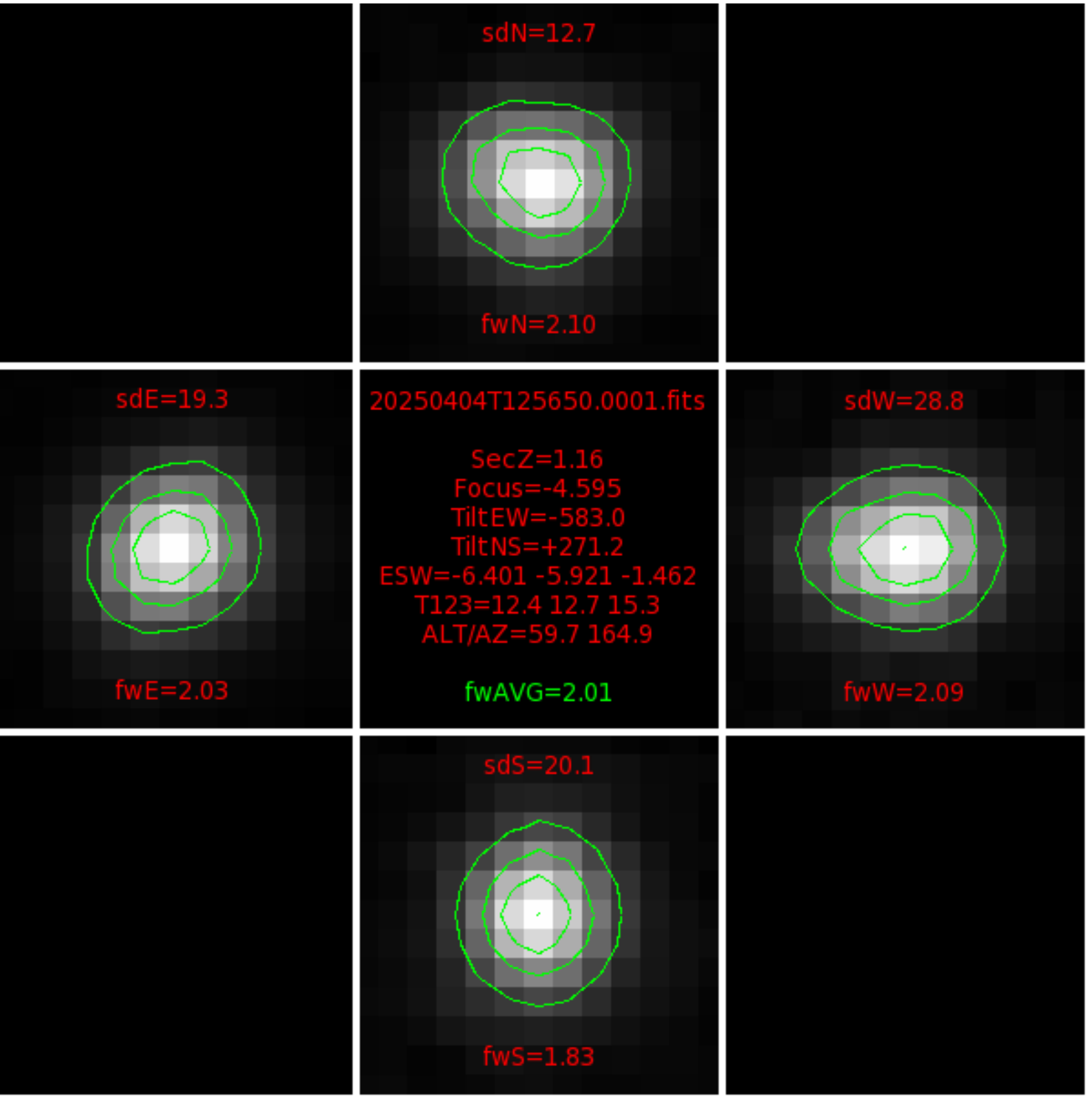
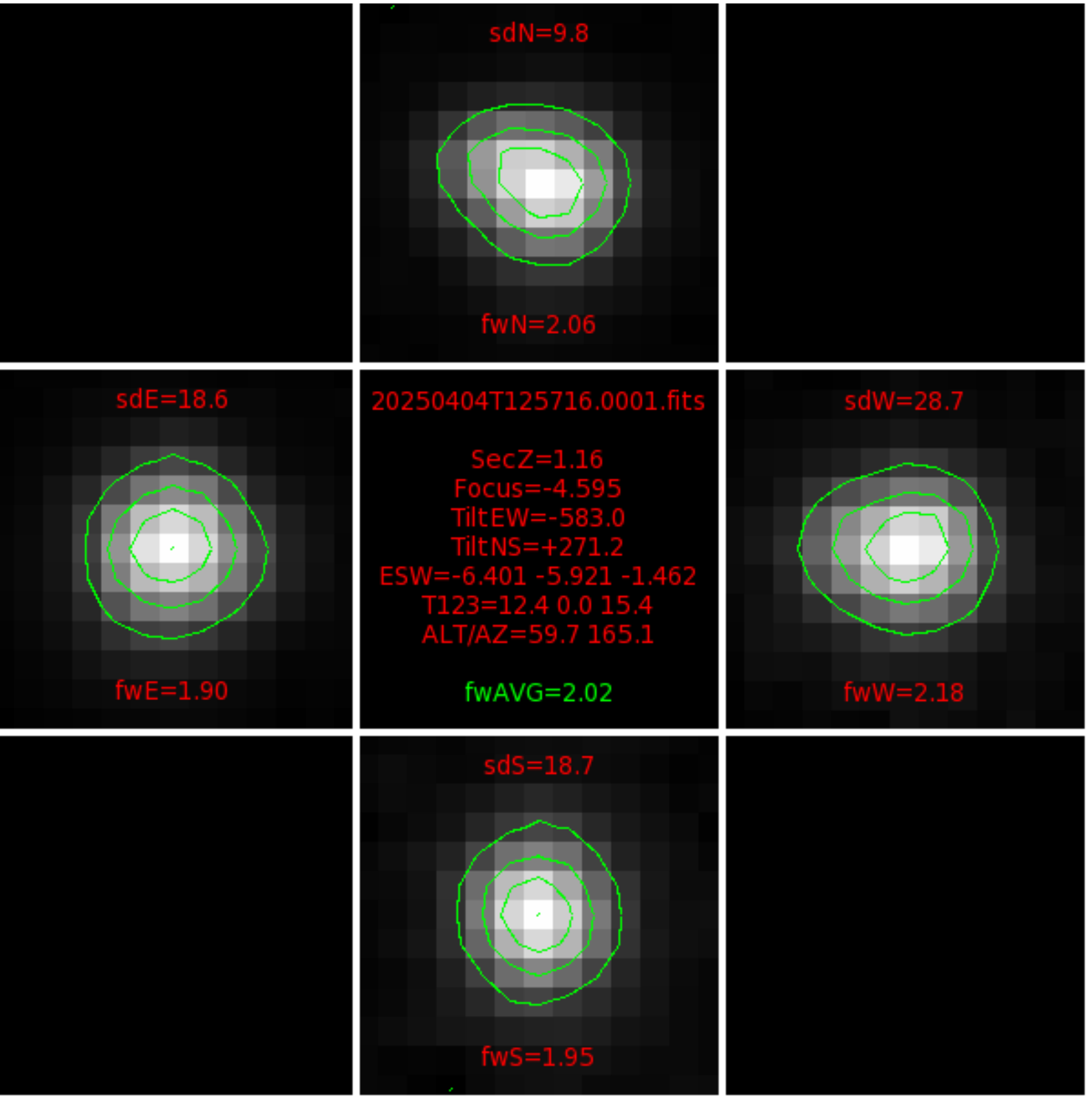
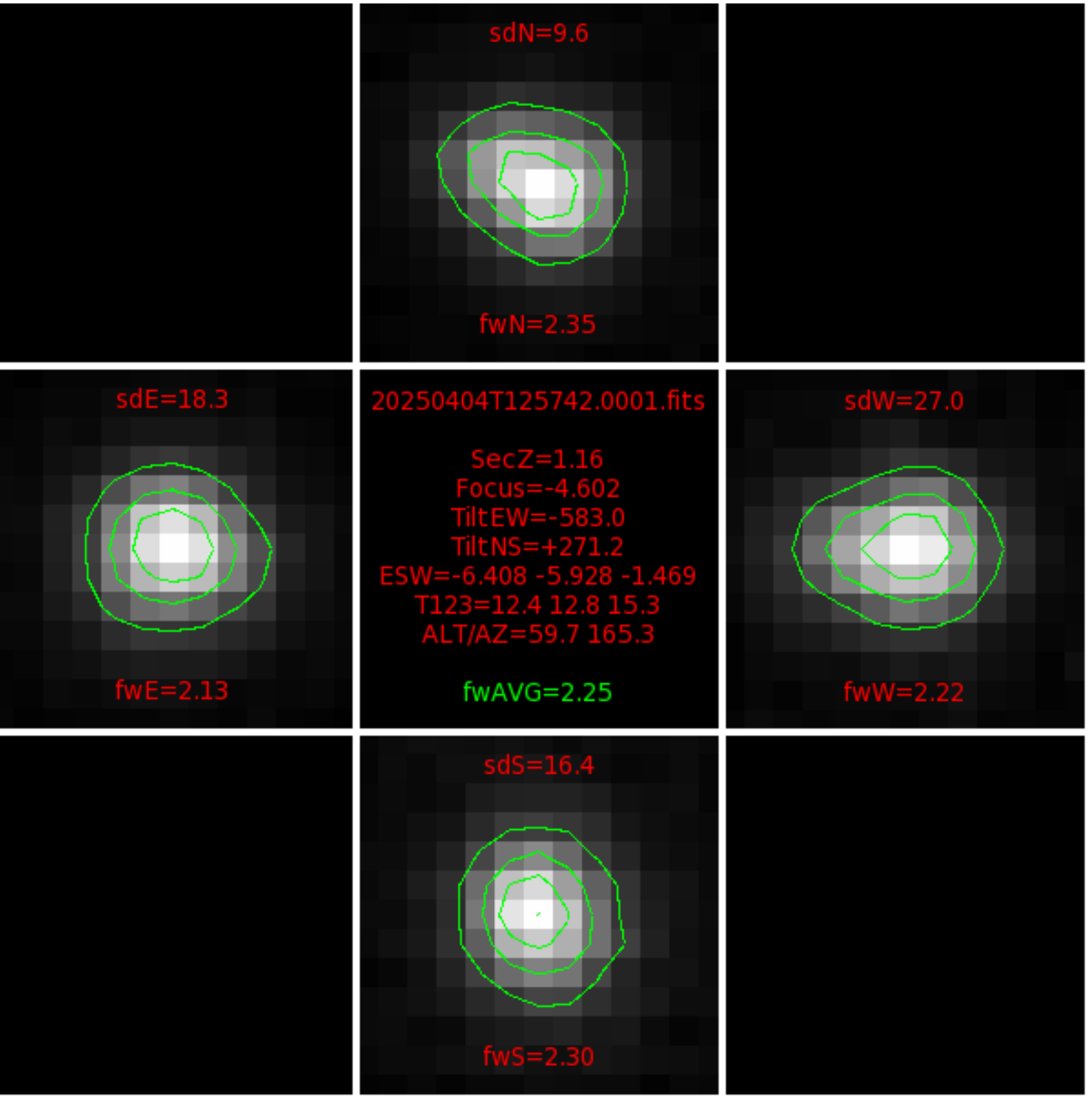

sdN=12.7
fwN=2.10
sdE=19.3
fwE=2.03
20250404T125650.0001.fits
SecZ=1.16
Focus=-4.595
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=12.4 12.7 15.3
ALT/AZ=59.7 164.9
fwAVG=2.01
sdW=28.8
fwW=2.09
sdS=20.1
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=9.8
fwN=2.06
sdE=18.6
fwE=1.90
20250404T125716.0001.fits
SecZ=1.16
Focus=-4.595
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=12.4 0.0 15.4
ALT/AZ=59.7 165.1
fwAVG=2.02
sdW=28.7
fwW=2.18
sdS=18.7
fwS=1.95
0 0 0 0 0 0 0 0 0


sdN=9.6
fwN=2.35
sdE=18.3
fwE=2.13
20250404T125742.0001.fits
SecZ=1.16
Focus=-4.602
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.408 -5.928 -1.469
T123=12.4 12.8 15.3
ALT/AZ=59.7 165.3
fwAVG=2.25
sdW=27.0
fwW=2.22
sdS=16.4
fwS=2.30
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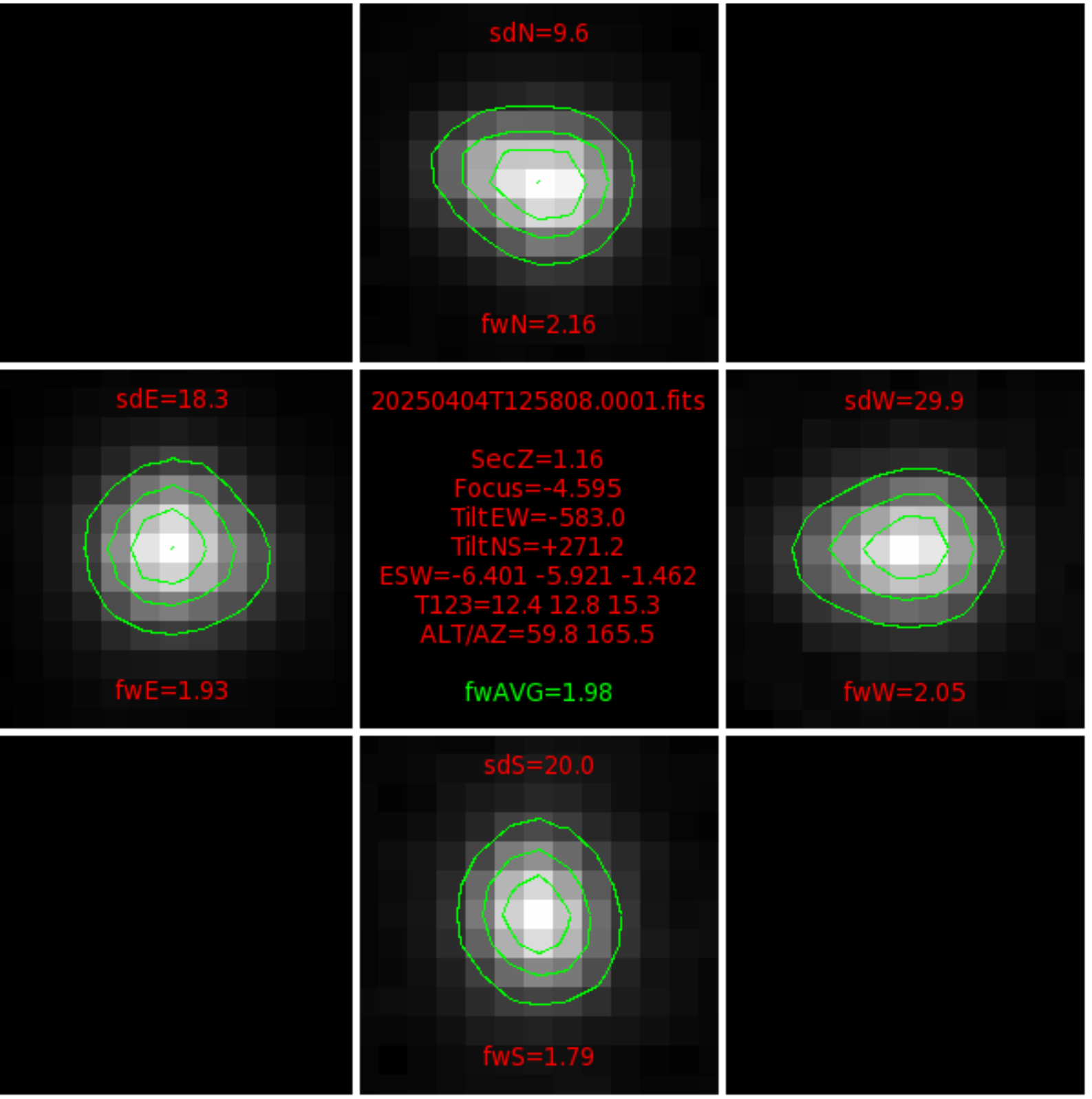
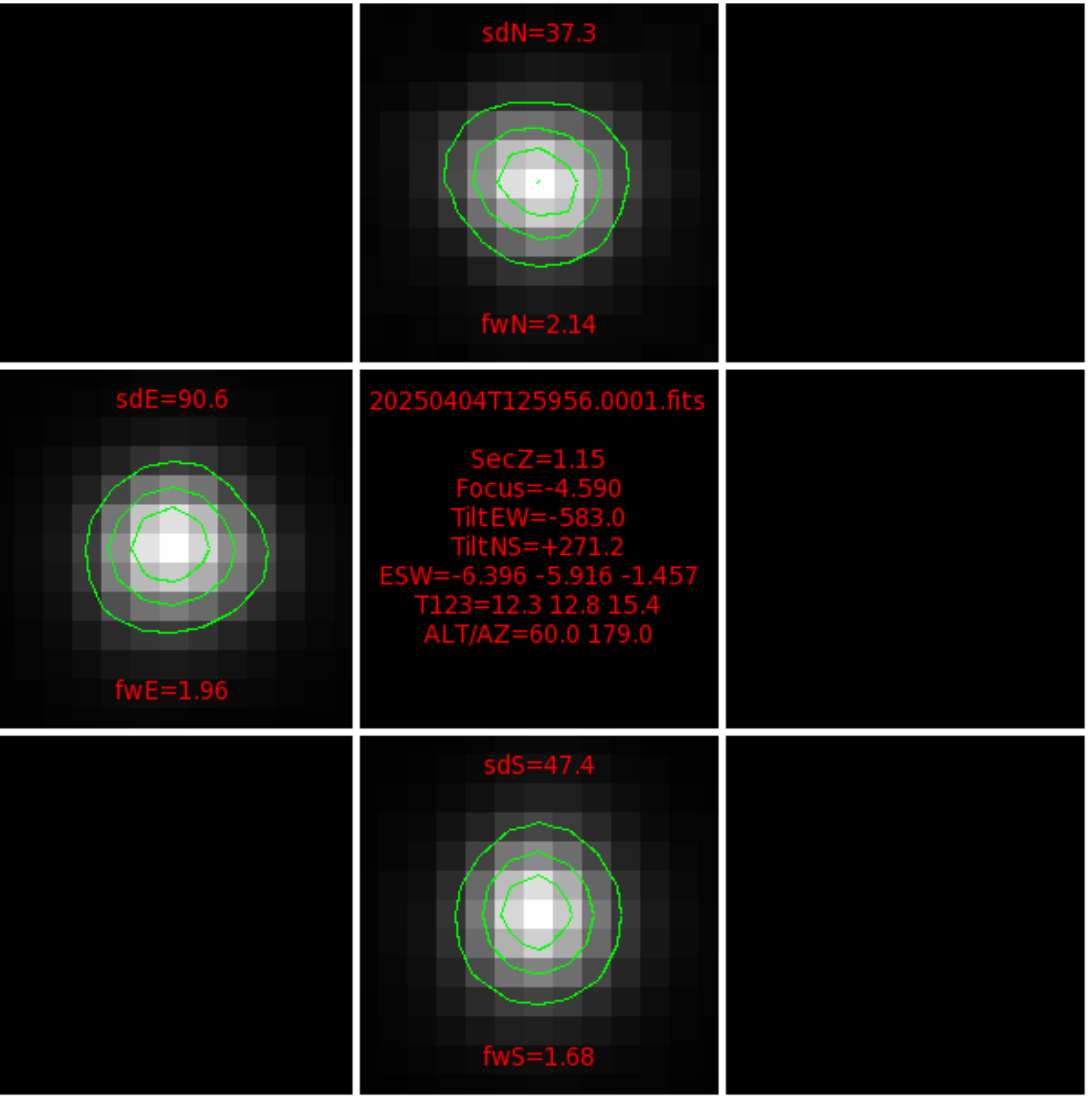
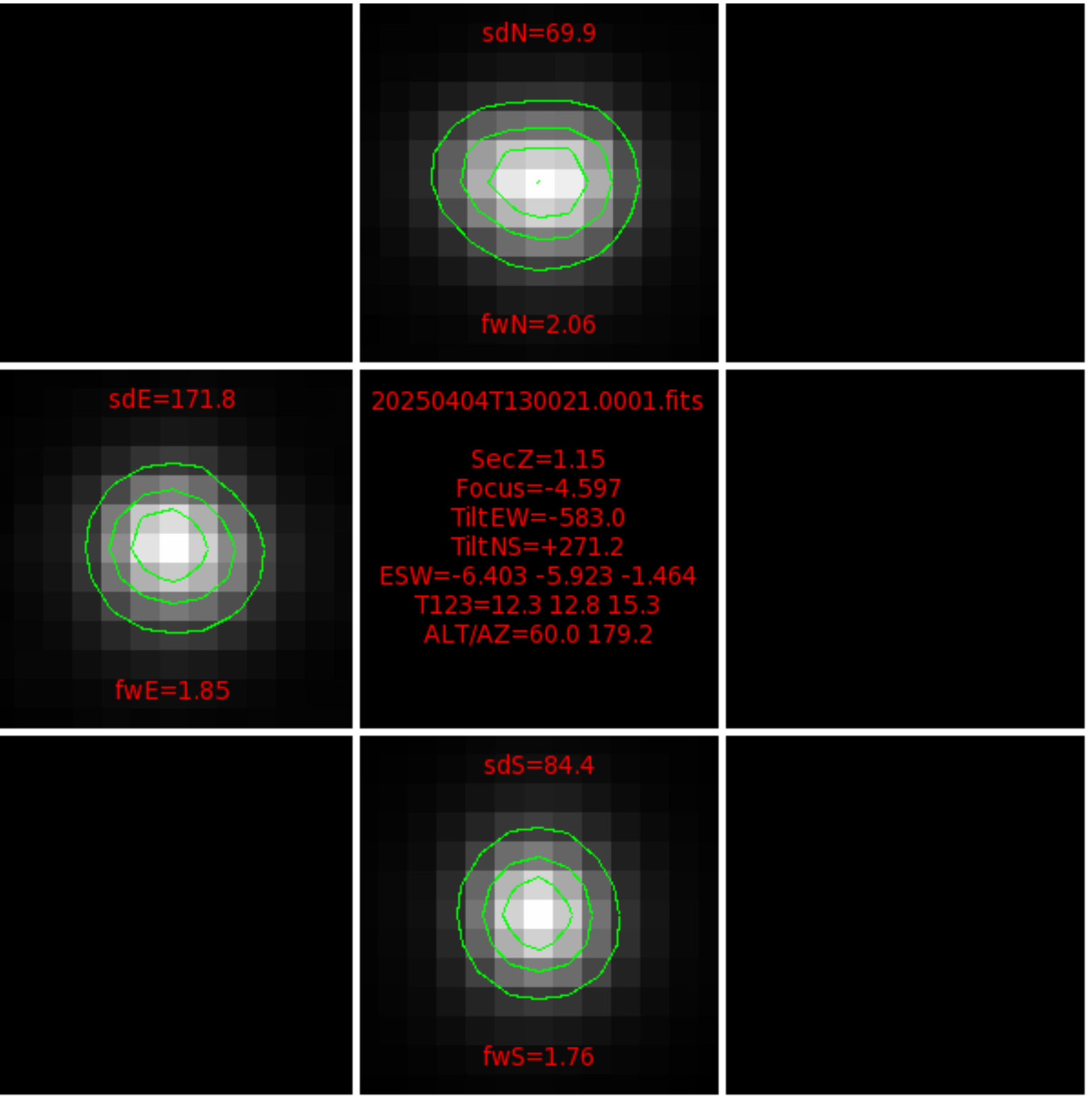

sdN=9.6
fwN=2.16
sdE=18.3
fwE=1.93
20250404T125808.0001.fits
SecZ=1.16
Focus=-4.595
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.401 -5.921 -1.462
T123=12.4 12.8 15.3
ALT/AZ=59.8 165.5
fwAVG=1.98
sdW=29.9
fwW=2.05
sdS=20.0
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=37.3
fwN=2.14
sdE=90.6
fwE=1.96
20250404T125956.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.8 15.4
ALT/AZ=60.0 179.0
sdS=47.4
fwS=1.68
0 0 0 0 0 0 0 0 0


sdN=69.9
fwN=2.06
sdE=171.8
fwE=1.85
20250404T130021.0001.fits
SecZ=1.15
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.3 12.8 15.3
ALT/AZ=60.0 179.2
sdS=84.4
fwS=1.76
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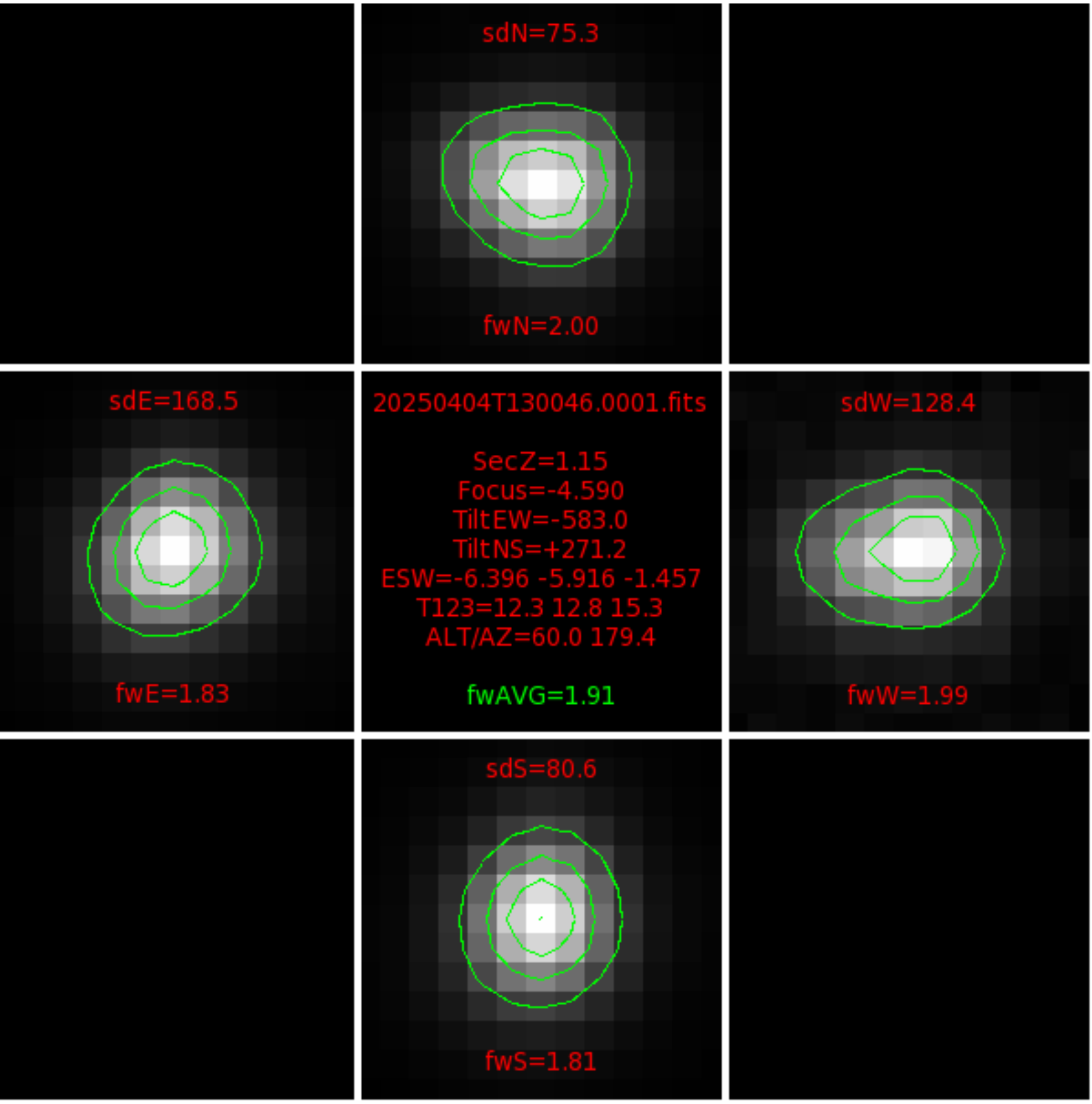
sdN=75.3
fwN=2.00
sdE=168.5
fwE=1.83
20250404T130046.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.8 15.3
ALT/AZ=60.0 179.4
fwAVG=1.91
sdW=128.4
fwW=1.99
sdS=80.6
fwS=1.81
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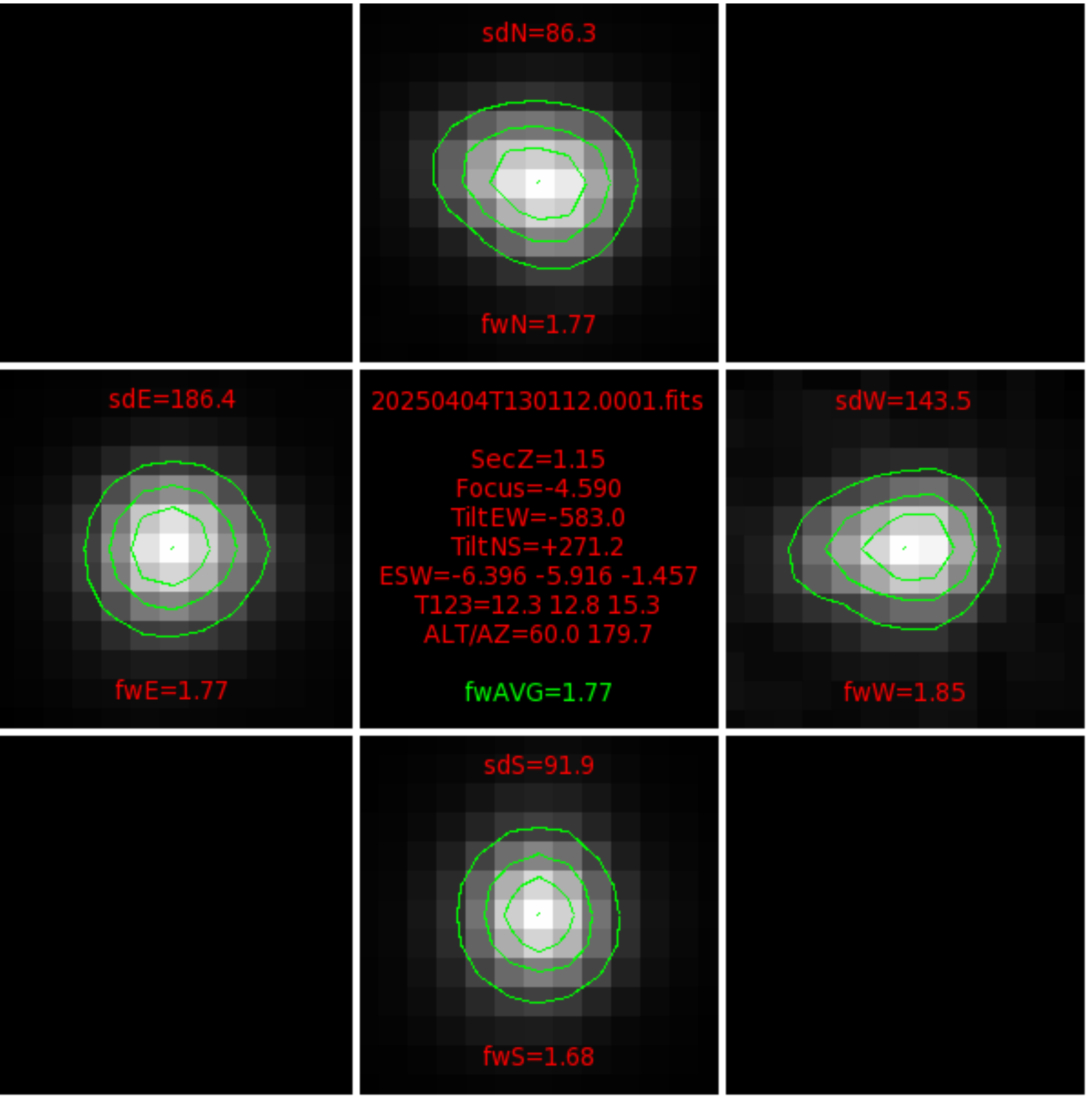
sdN=86.3
fwN=1.77
sdE=186.4
fwE=1.77
20250404T130112.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.8 15.3
ALT/AZ=60.0 179.7
fwAVG=1.77
sdW=143.5
fwW=1.85
sdS=91.9
fwS=1.68
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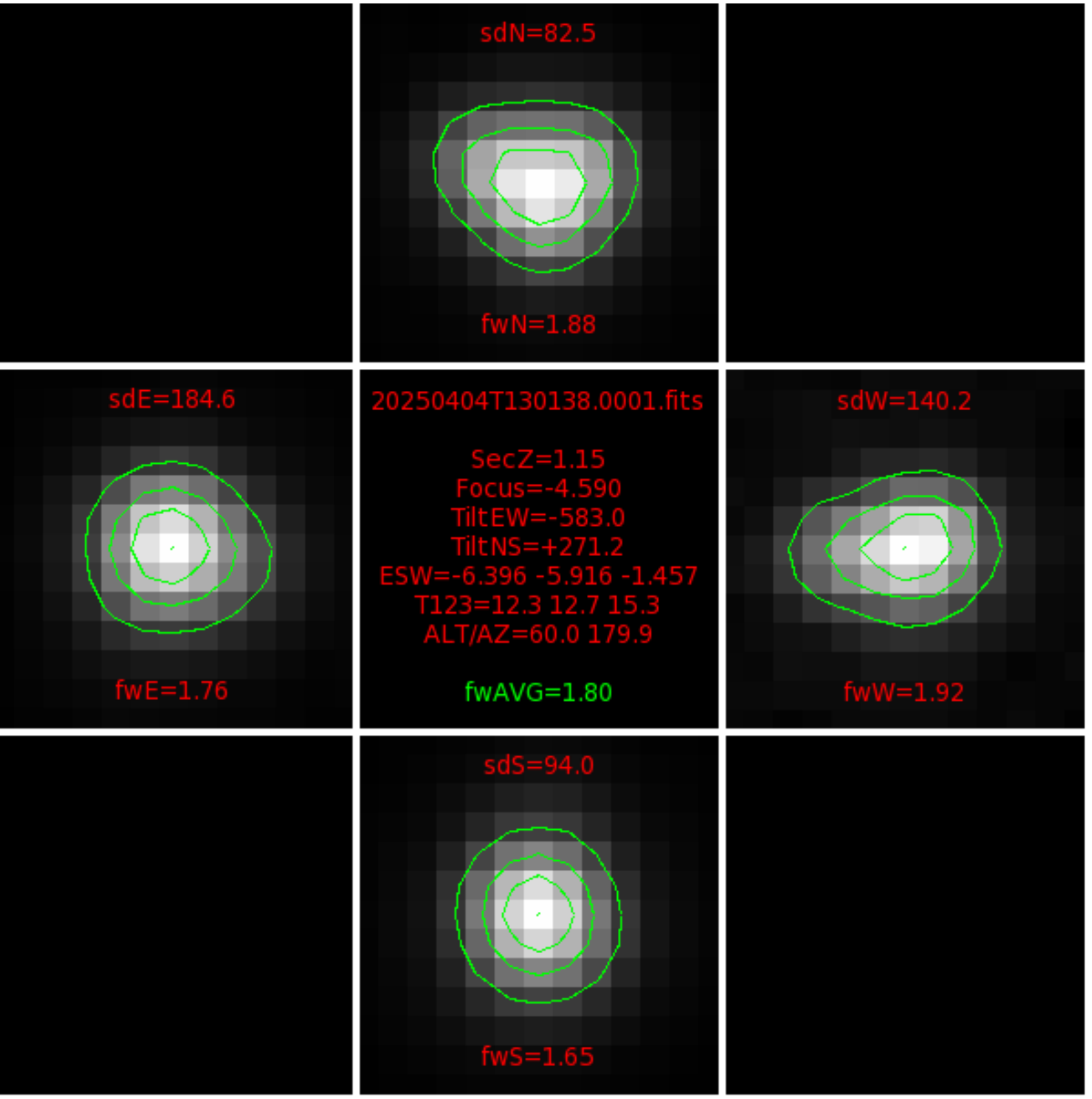
sdN=82.5
fwN=1.88
sdE=184.6
fwE=1.76
20250404T130138.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.7 15.3
ALT/AZ=60.0 179.9
fwAVG=1.80
sdW=140.2
fwW=1.92
sdS=94.0
fwS=1.65
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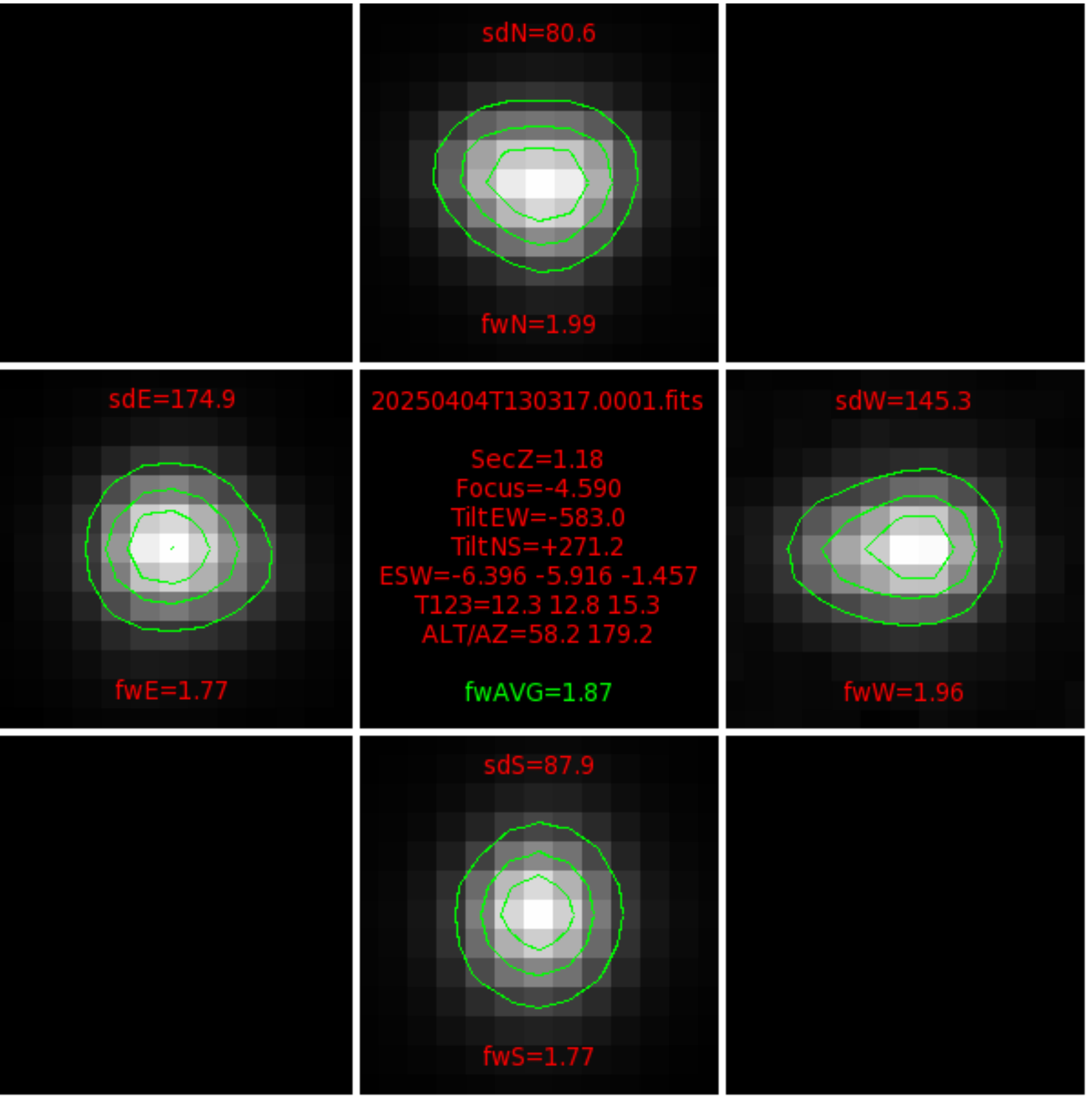
sdN=80.6
fwN=1.99
sdE=174.9
fwE=1.77
20250404T130317.0001.fits
SecZ=1.18
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.8 15.3
ALT/AZ=58.2 179.2
fwAVG=1.87
sdW=145.3
fwW=1.96
sdS=87.9
fwS=1.77
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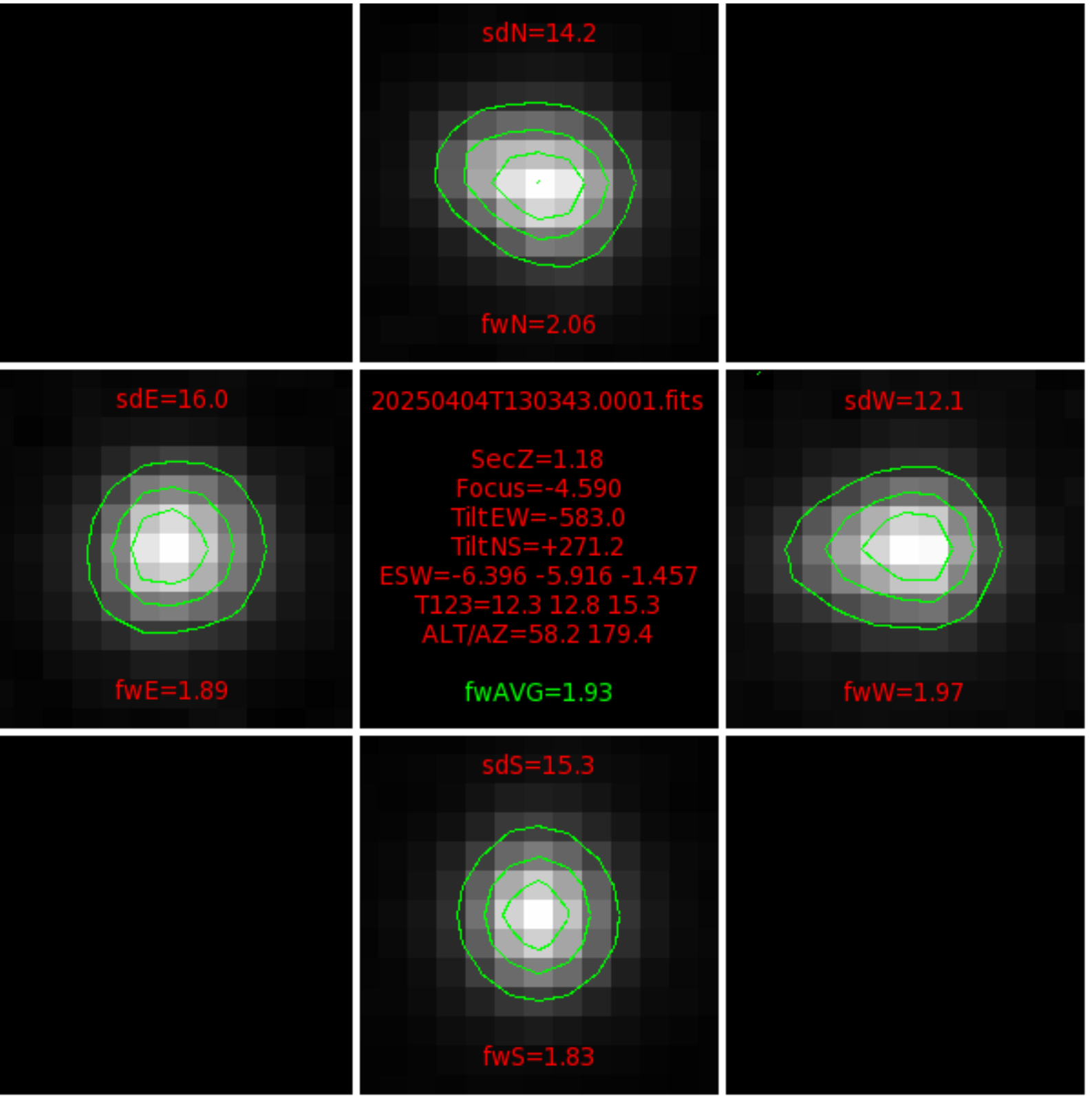
sdN=14.2
fwN=2.06
sdE=16.0
fwE=1.89
20250404T130343.0001.fits
SecZ=1.18
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.8 15.3
ALT/AZ=58.2 179.4
fwAVG=1.93
sdW=12.1
fwW=1.97
sdS=15.3
fwS=1.83
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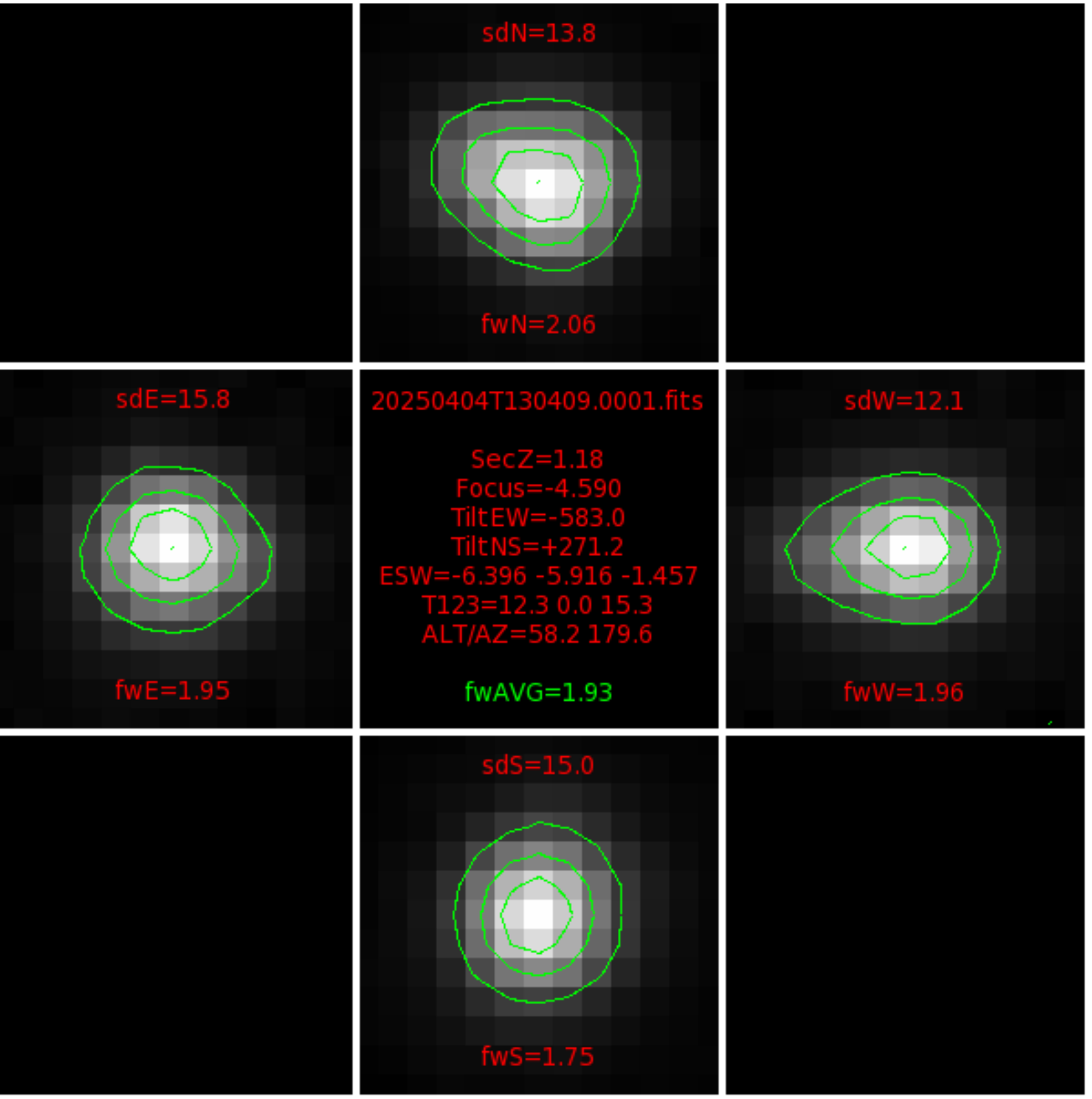
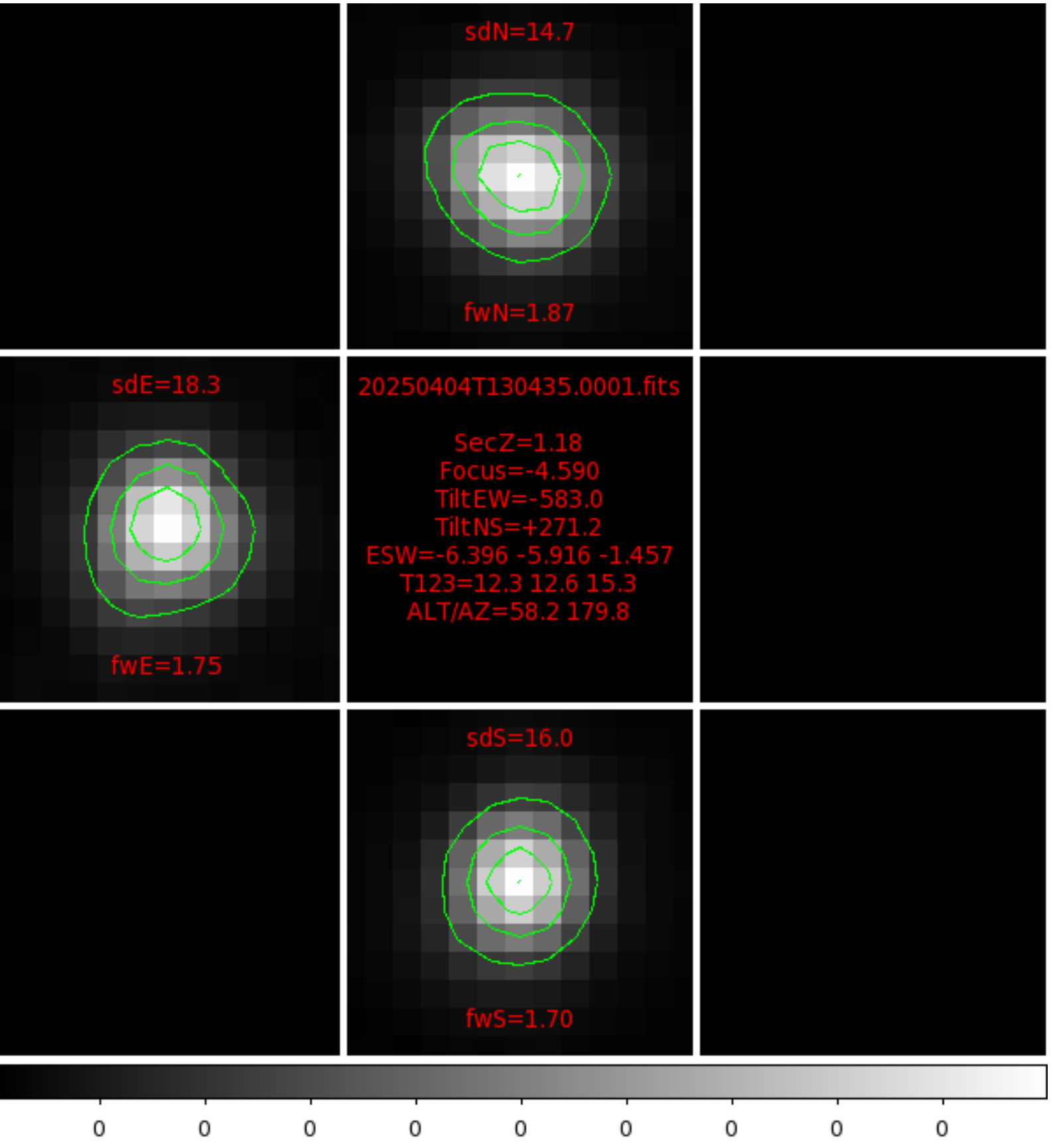
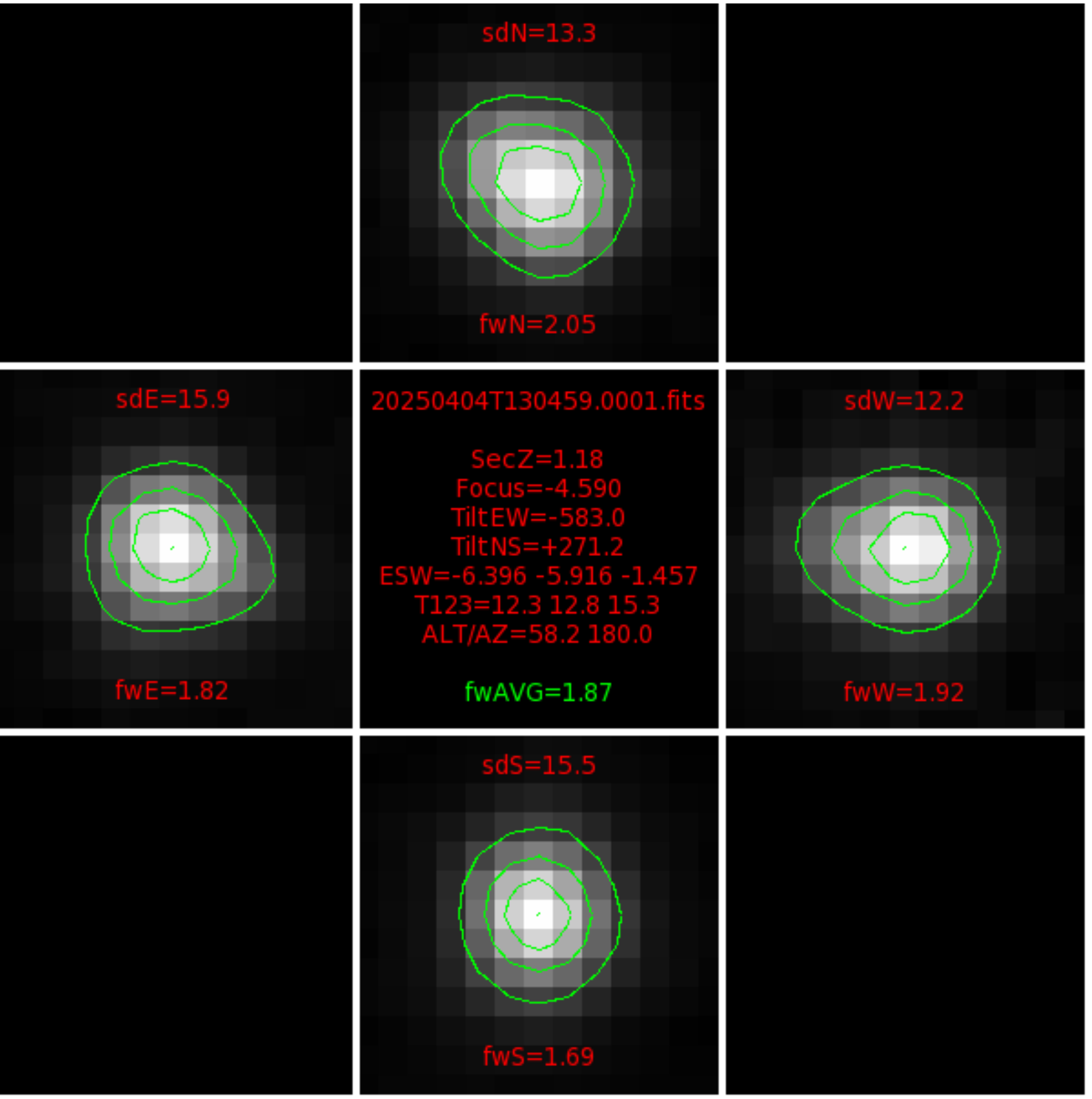

sdN=13.8
fwN=2.06
sdE=15.8
fwE=1.95
20250404T130409.0001.fits
SecZ=1.18
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 0.0 15.3
ALT/AZ=58.2 179.6
fwAVG=1.93
sdW=12.1
fwW=1.96
sdS=15.0
fwS=1.75
0 0 0 0 0 0 0 0 0


sdN=14.7
fwN=1.87
sdE=18.3
fwE=1.75
20250404T130435.0001.fits
SecZ=1.18
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.6 15.3
ALT/AZ=58.2 179.8
sdS=16.0
fwS=1.70
0 0 0 0 0 0 0 0 0


sdN=13.3
fwN=2.05
sdE=15.9
fwE=1.82
20250404T130459.0001.fits
SecZ=1.18
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.8 15.3
ALT/AZ=58.2 180.0
fwAVG=1.87
sdW=12.2
fwW=1.92
sdS=15.5
fwS=1.69
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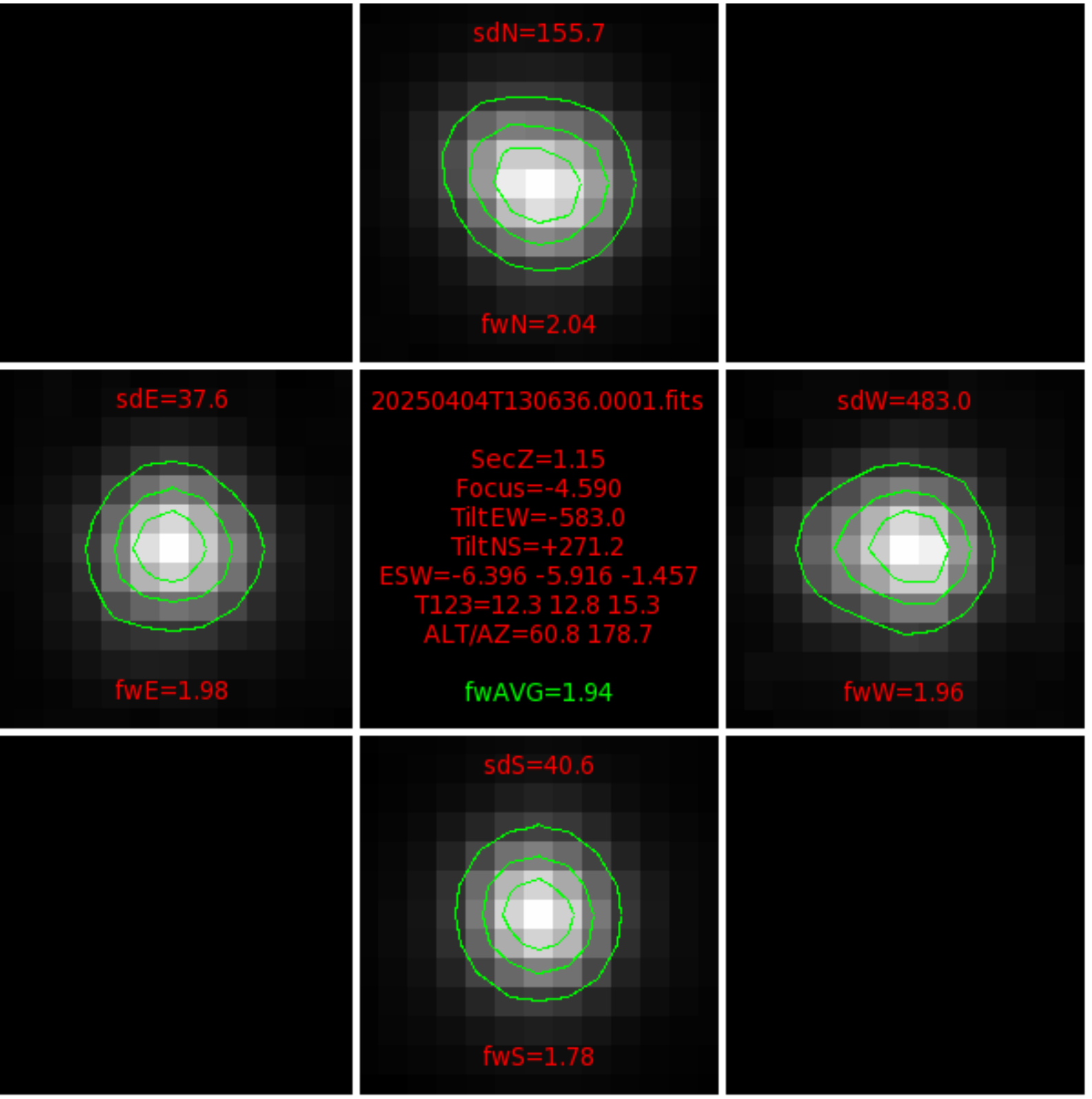
sdN=155.7
fwN=2.04
sdE=37.6
fwE=1.98
20250404T130636.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.8 15.3
ALT/AZ=60.8 178.7
fwAVG=1.94
sdW=483.0
fwW=1.96
sdS=40.6
fwS=1.78
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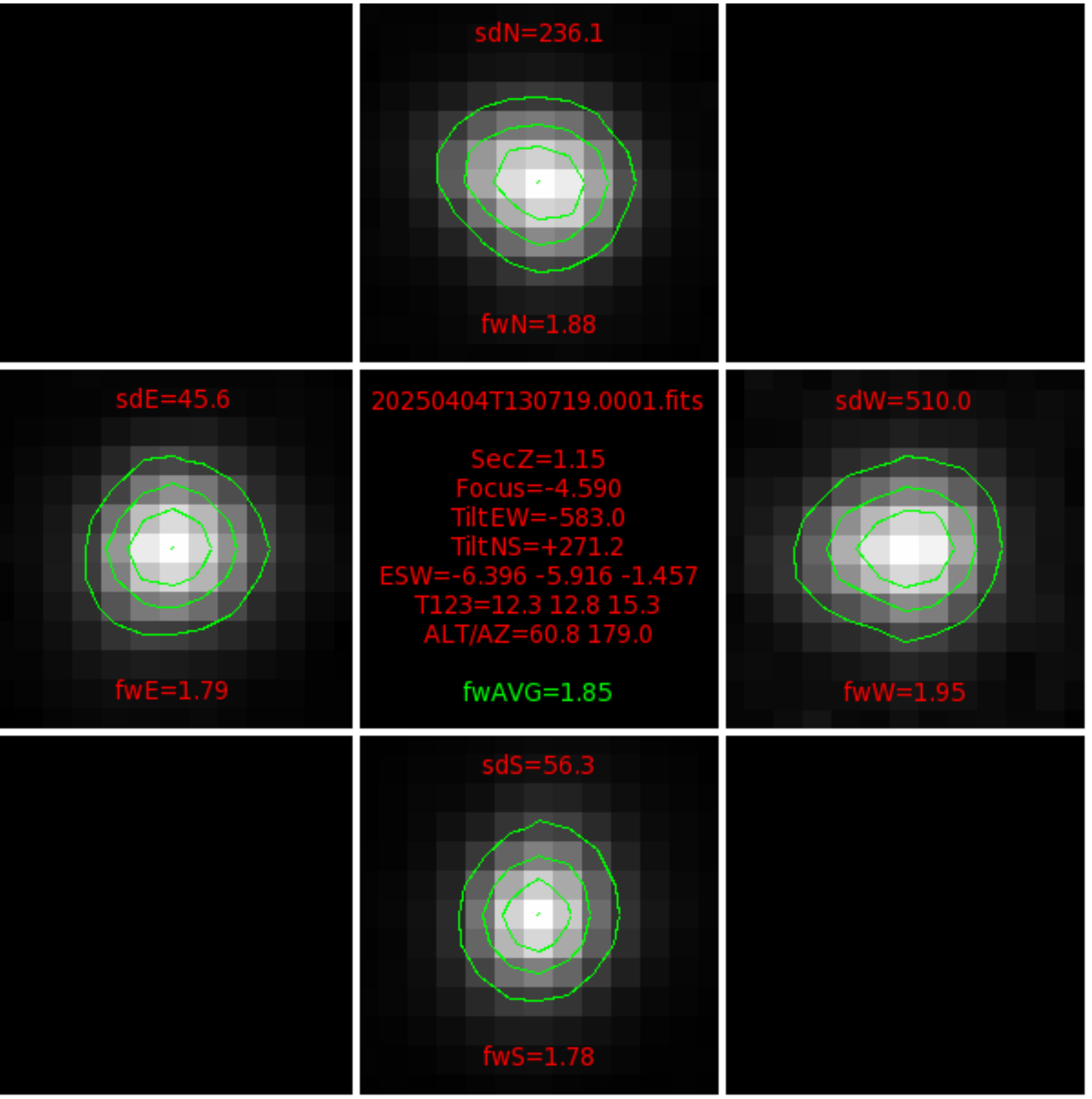
sdN=236.1
fwN=1.88
sdE=45.6
fwE=1.79
20250404T130719.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.8 15.3
ALT/AZ=60.8 179.0
fwAVG=1.85
sdW=510.0
fwW=1.95
sdS=56.3
fwS=1.78
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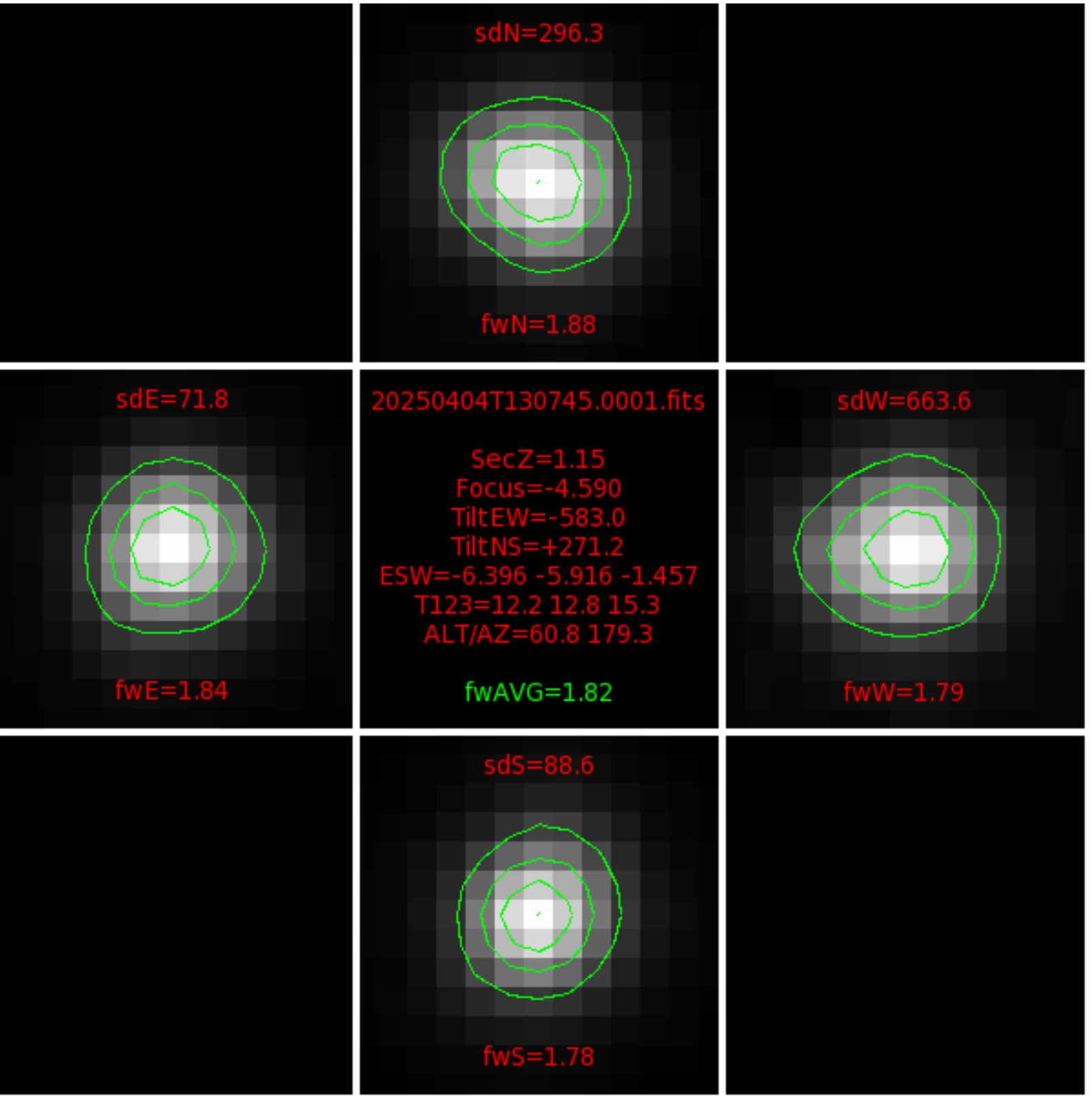
sdN=296.3
fwN=1.88
sdE=71.8
fwE=1.84
20250404T130745.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.2 12.8 15.3
ALT/AZ=60.8 179.3
fwAVG=1.82
sdW=663.6
fwW=1.79
sdS=88.6
fwS=1.78
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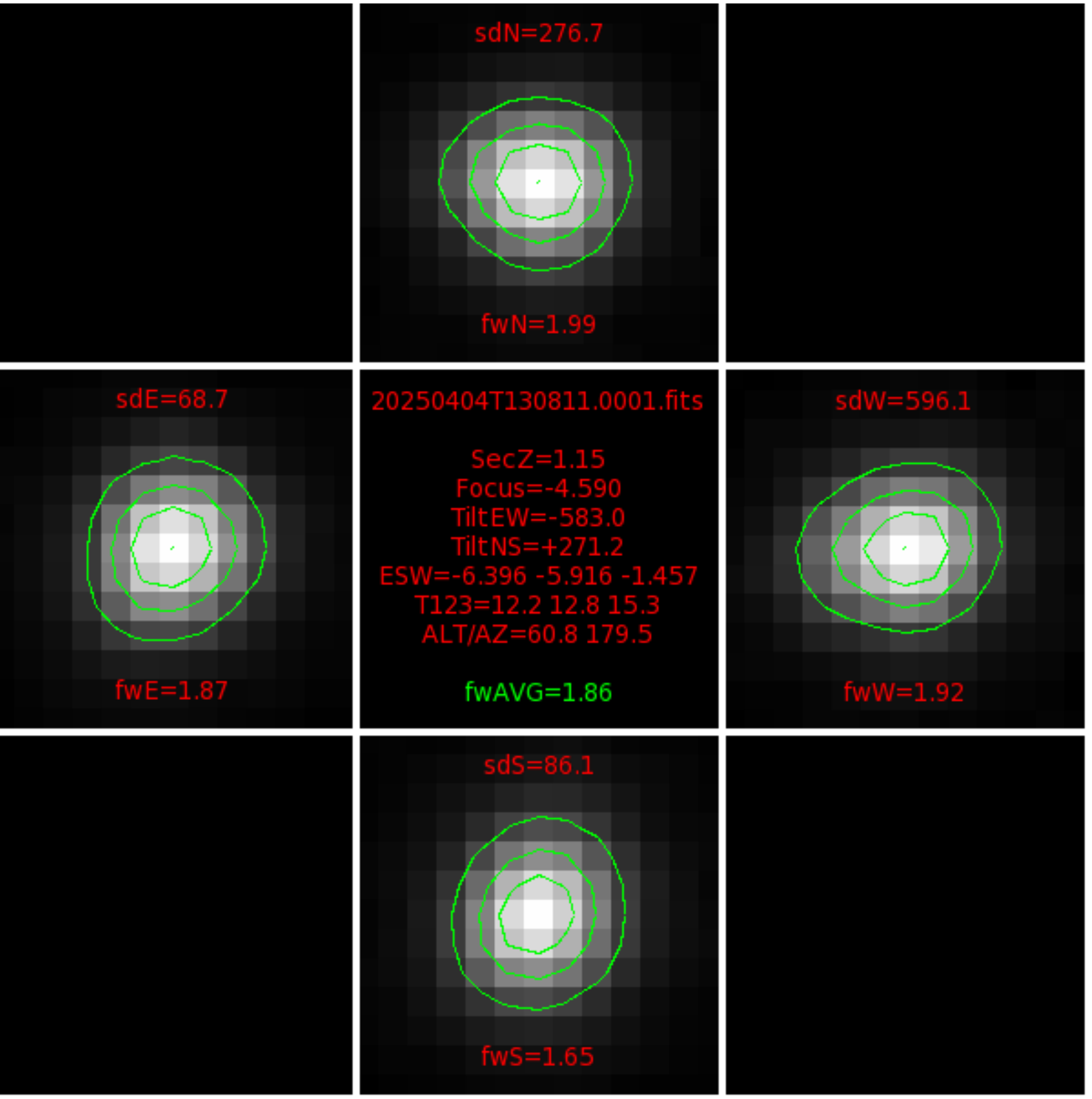
sdN=276.7
fwN=1.99
sdE=68.7
fwE=1.87
20250404T130811.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.2 12.8 15.3
ALT/AZ=60.8 179.5
fwAVG=1.86
sdW=596.1
fwW=1.92
sdS=86.1
fwS=1.65
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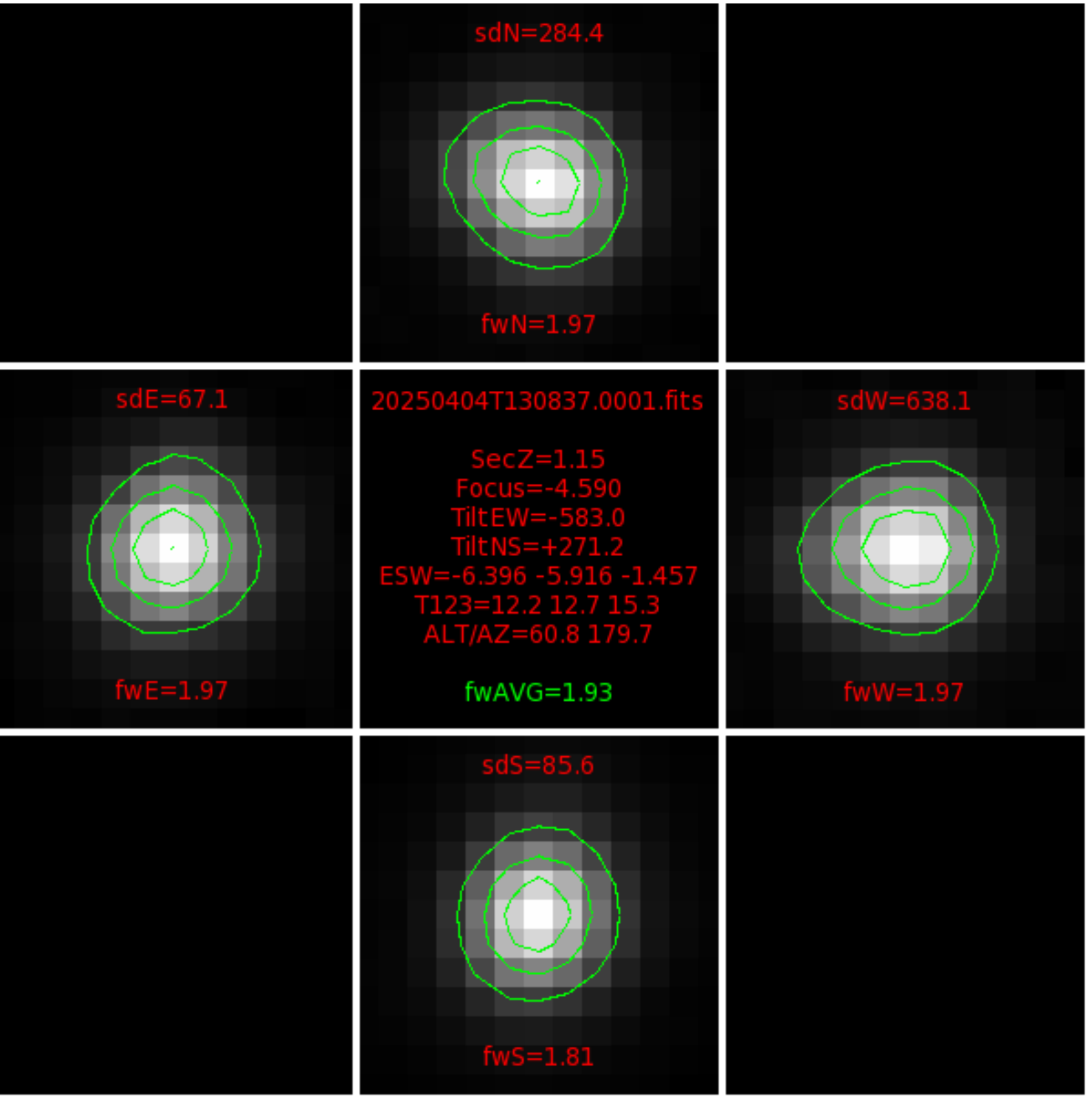
sdN=284.4
fwN=1.97
sdE=67.1
fwE=1.97
20250404T130837.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.2 12.7 15.3
ALT/AZ=60.8 179.7
fwAVG=1.93
sdW=638.1
fwW=1.97
sdS=85.6
fwS=1.81
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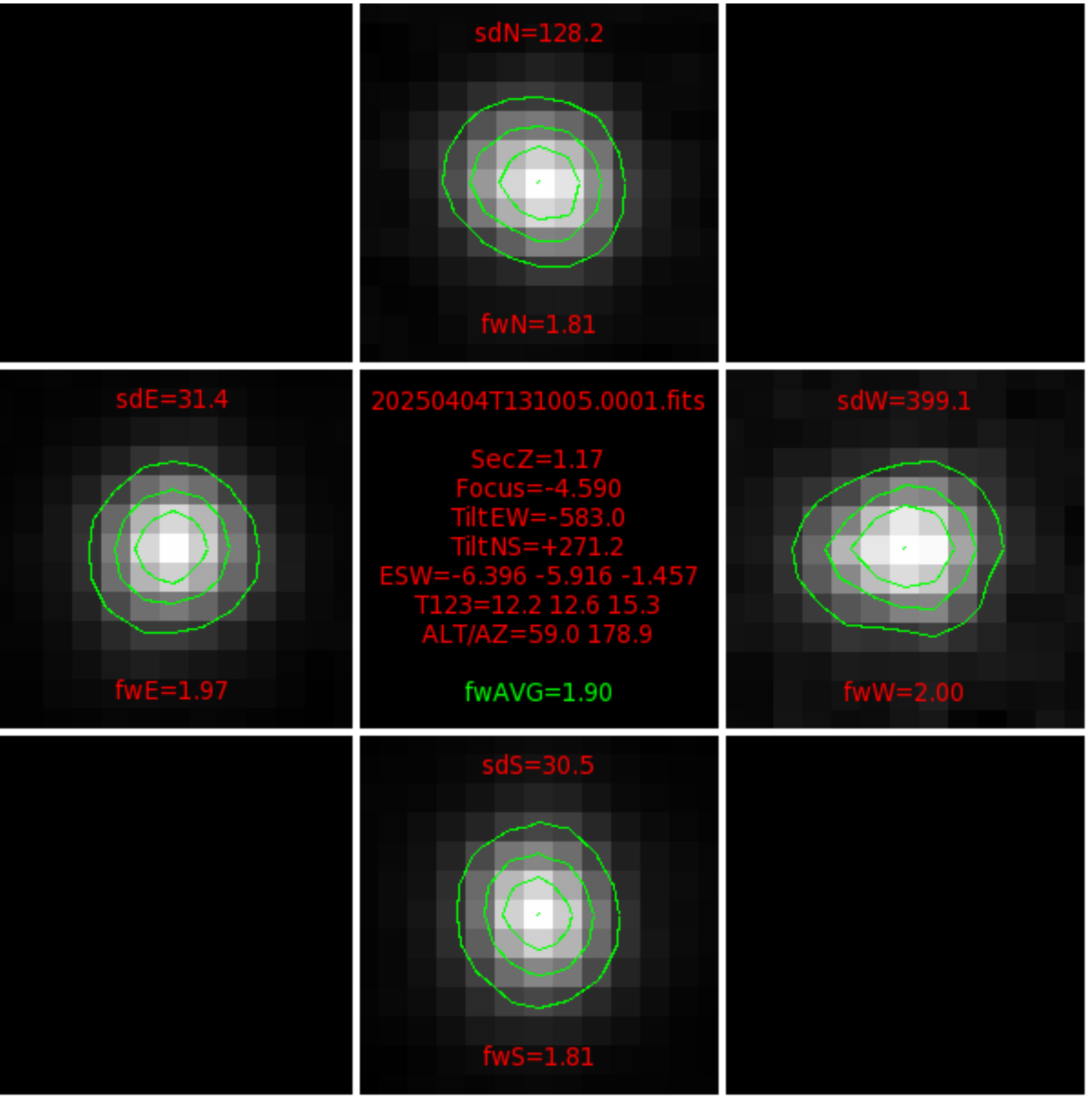
sdN=128.2
fwN=1.81
sdE=31.4
fwE=1.97
20250404T131005.0001.fits
SecZ=1.17
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.2 12.6 15.3
ALT/AZ=59.0 178.9
fwAVG=1.90
sdW=399.1
fwW=2.00
sdS=30.5
fwS=1.81
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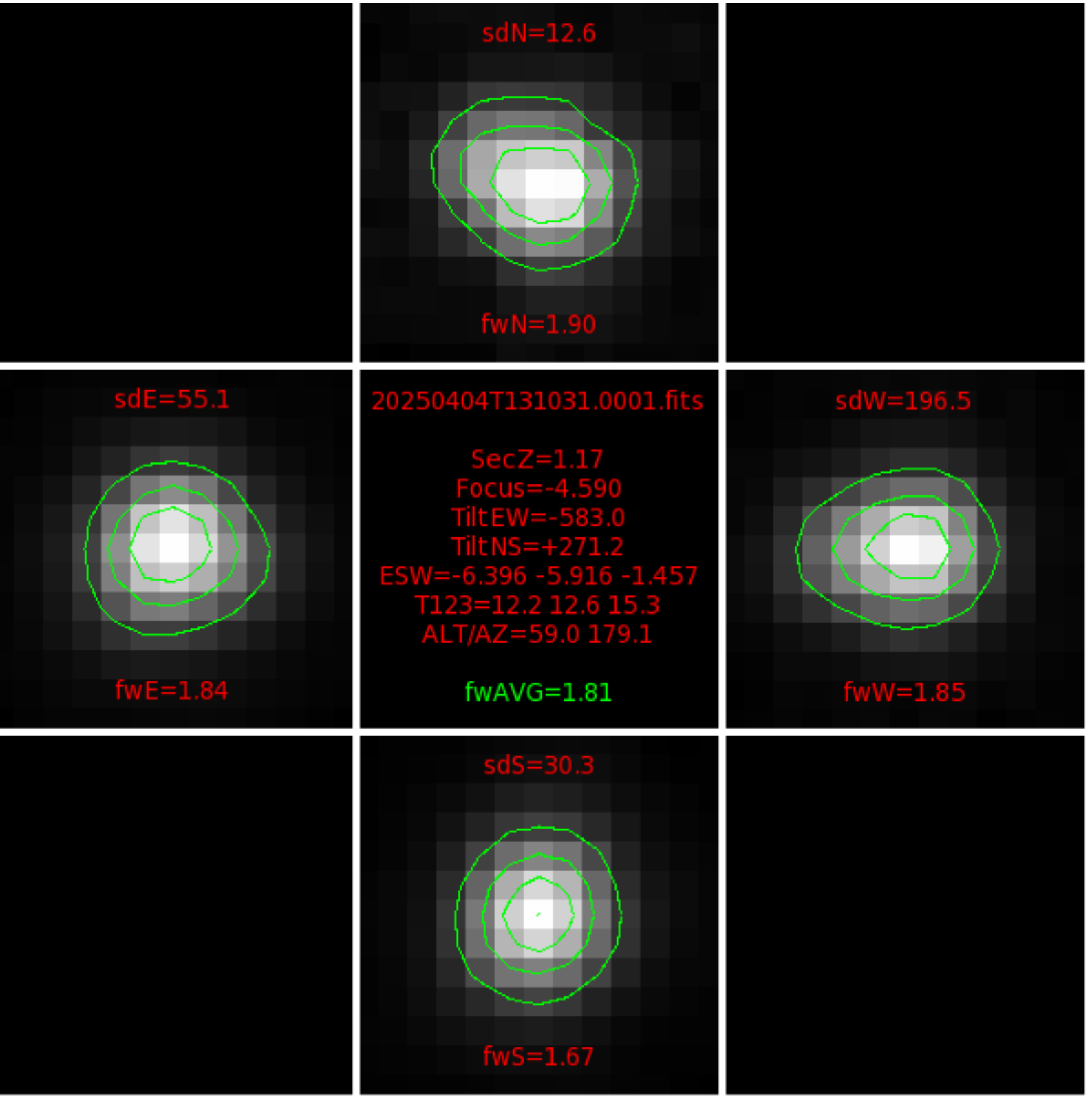
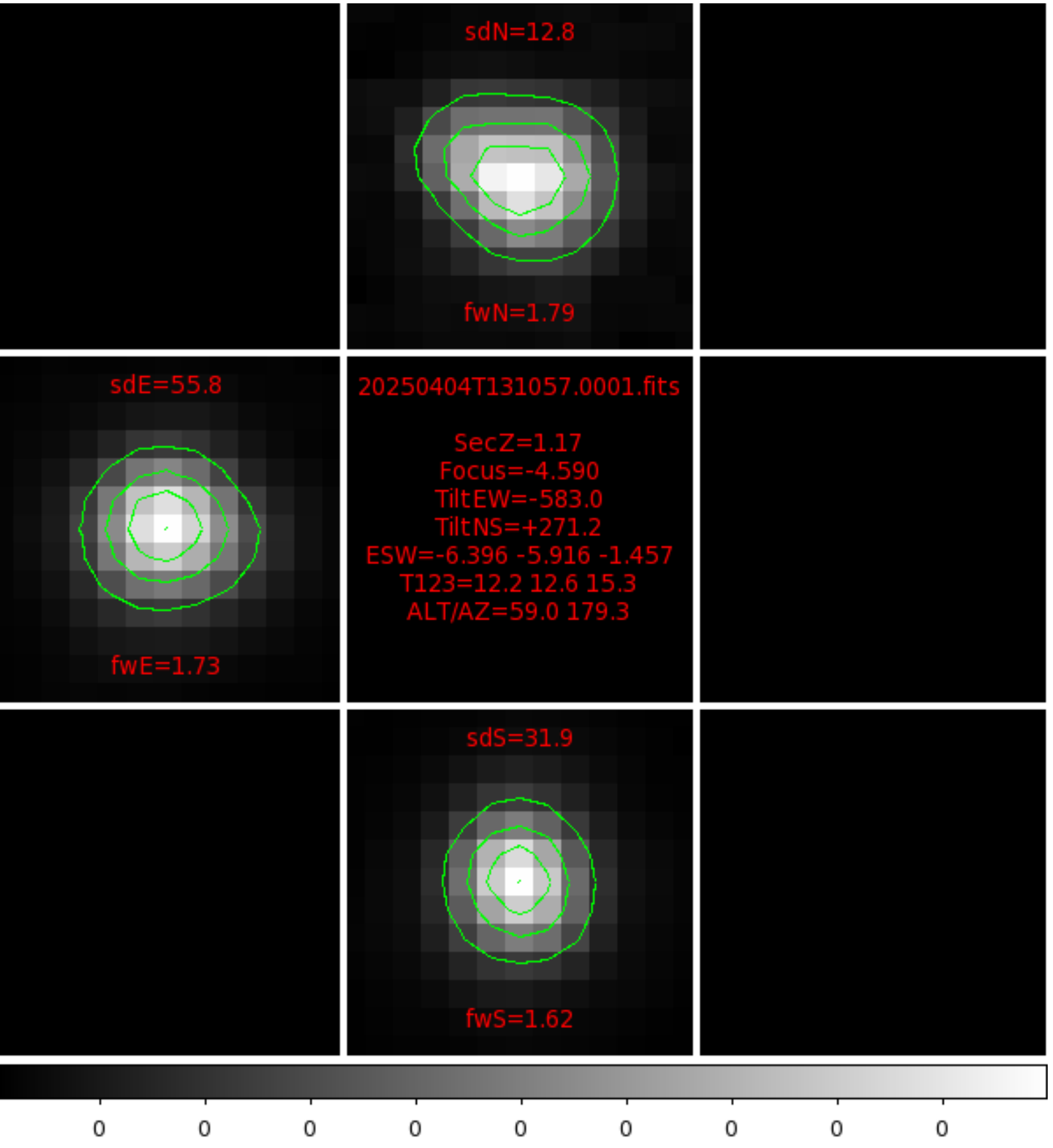

sdN=12.6
fwN=1.90
sdE=55.1
fwE=1.84
20250404T131031.0001.fits
SecZ=1.17
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.2 12.6 15.3
ALT/AZ=59.0 179.1
fwAVG=1.81
sdW=196.5
fwW=1.85
sdS=30.3
fwS=1.67
0 0 0 0 0 0 0 0 0


sdN=12.8
fwN=1.79
sdE=55.8
fwE=1.73
20250404T131057.0001.fits
SecZ=1.17
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.2 12.6 15.3
ALT/AZ=59.0 179.3
sdS=31.9
fwS=1.62
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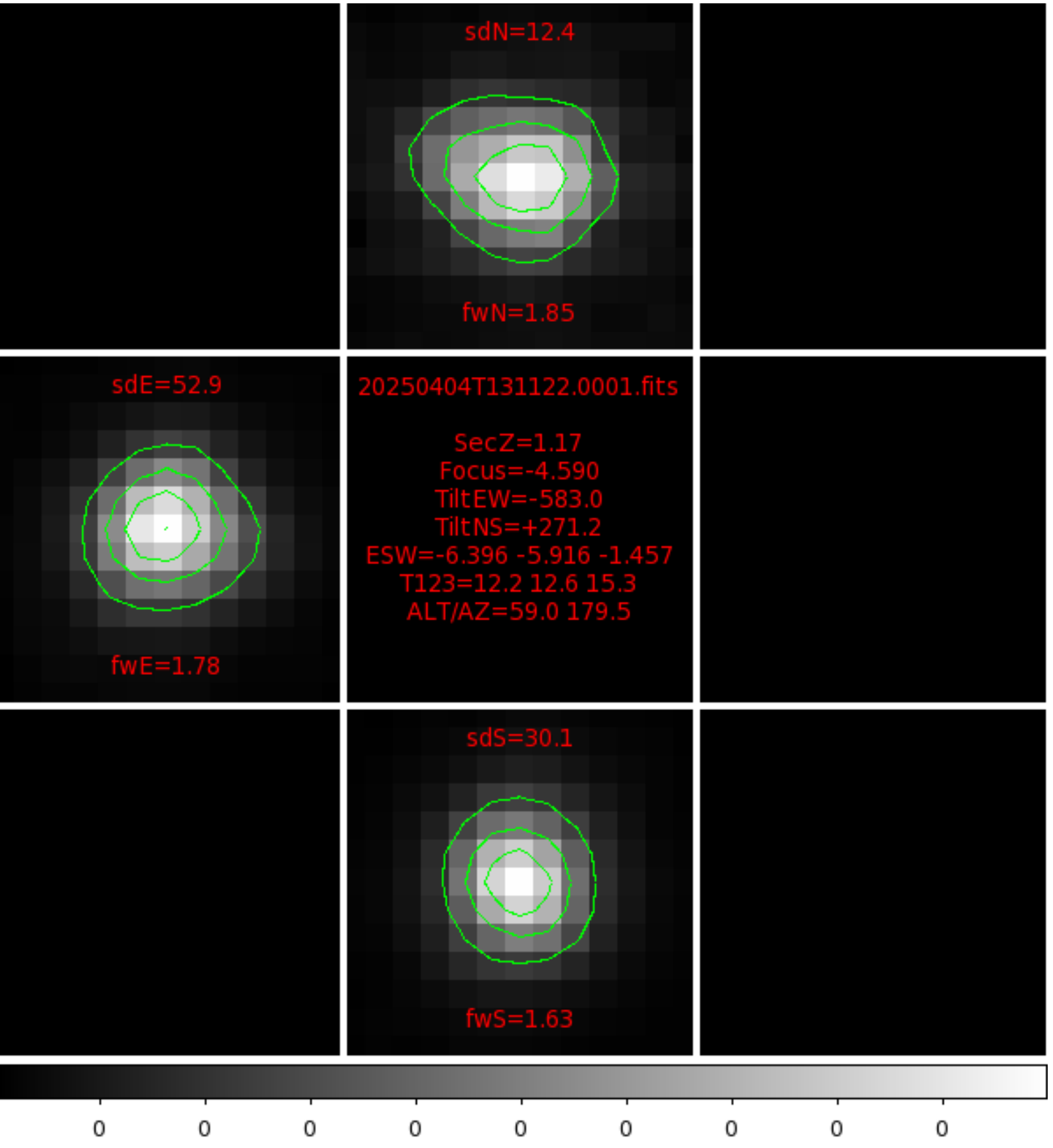
sdN=12.4
fwN=1.85
sdE=52.9
fwE=1.78
20250404T131122.0001.fits
SecZ=1.17
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.2 12.6 15.3
ALT/AZ=59.0 179.5
sdS=30.1
fwS=1.63
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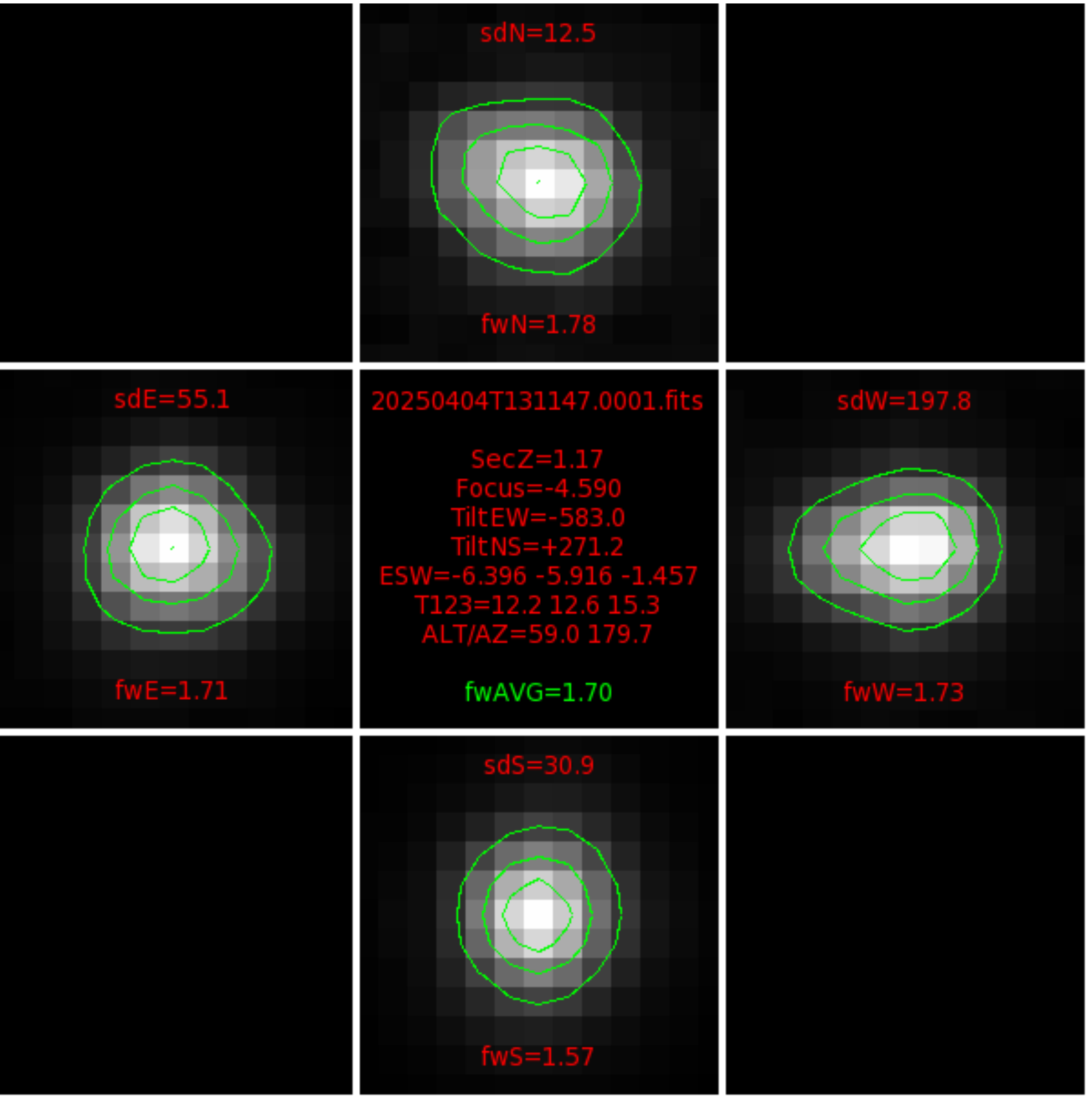
sdN=12.5
fwN=1.78
sdE=55.1
fwE=1.71
20250404T131147.0001.fits
SecZ=1.17
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.2 12.6 15.3
ALT/AZ=59.0 179.7
fwAVG=1.70
sdW=197.8
fwW=1.73
sdS=30.9
fwS=1.57
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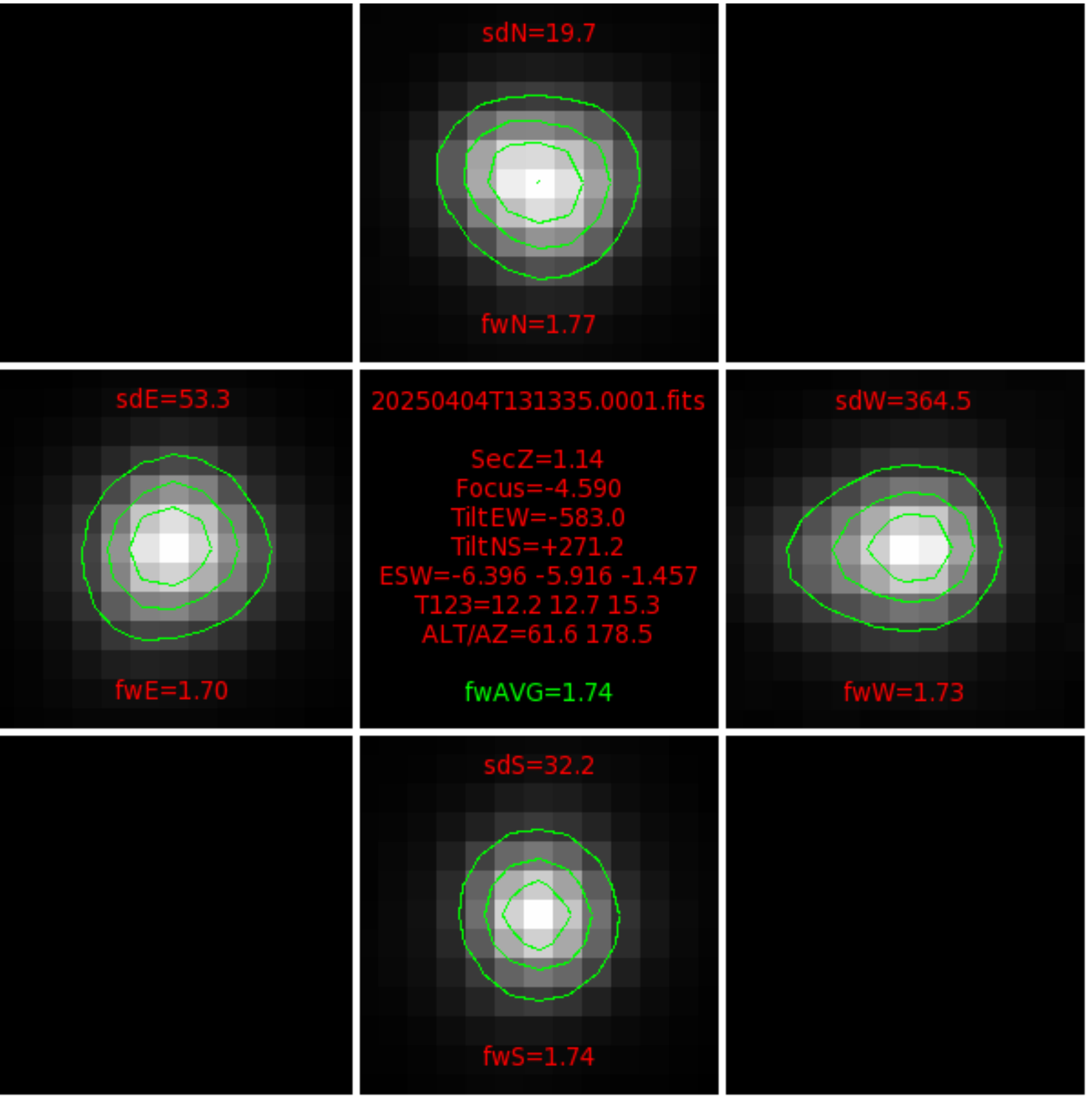
sdN=19.7
fwN=1.77
sdE=53.3
fwE=1.70
20250404T131335.0001.fits
SecZ=1.14
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.2 12.7 15.3
ALT/AZ=61.6 178.5
fwAVG=1.74
sdW=364.5
fwW=1.73
sdS=32.2
fwS=1.74
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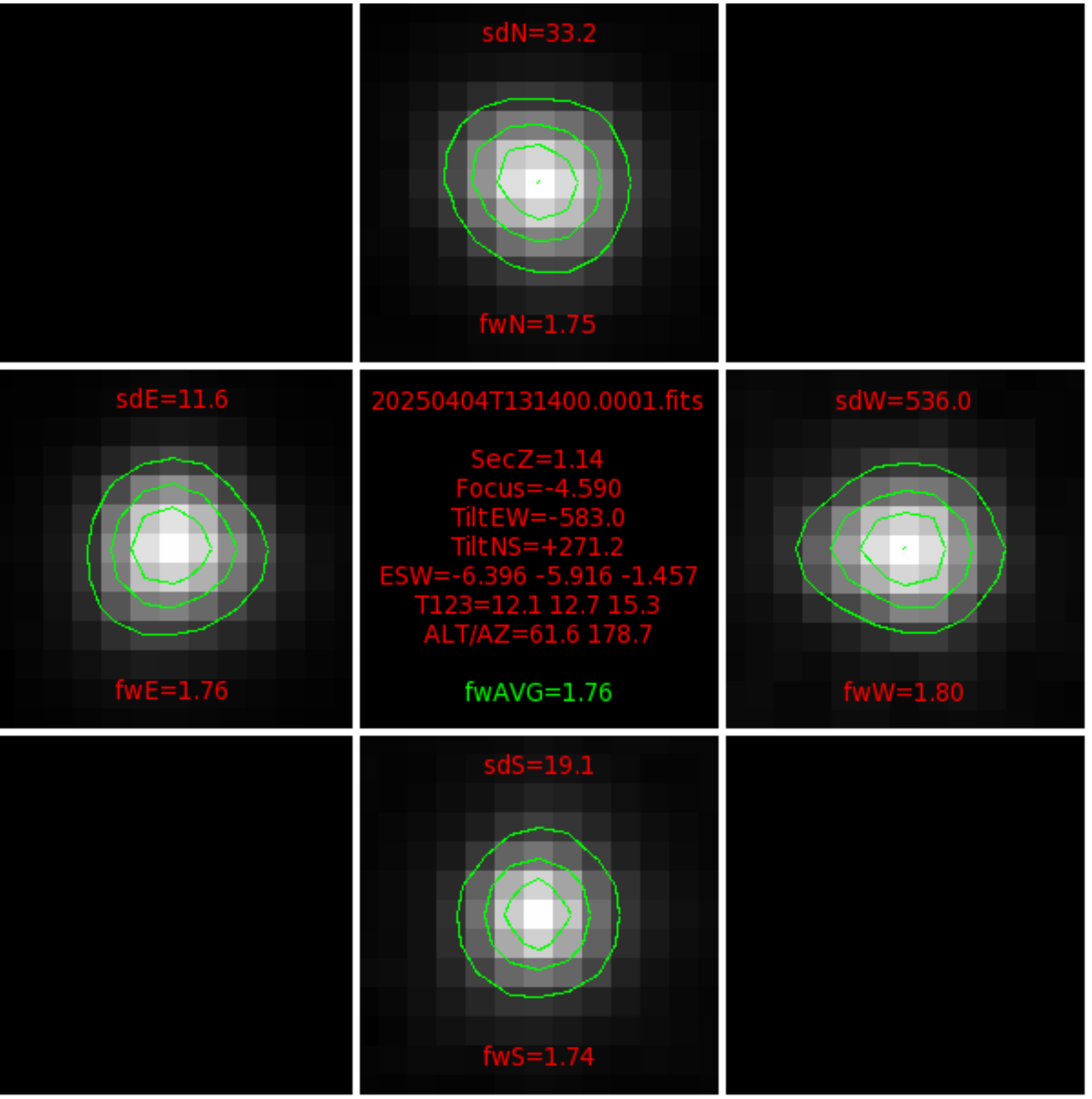
sdN=33.2
fwN=1.75
sdE=11.6
fwE=1.76
20250404T131400.0001.fits
SecZ=1.14
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.7 15.3
ALT/AZ=61.6 178.7
fwAVG=1.76
sdW=536.0
fwW=1.80
sdS=19.1
fwS=1.74
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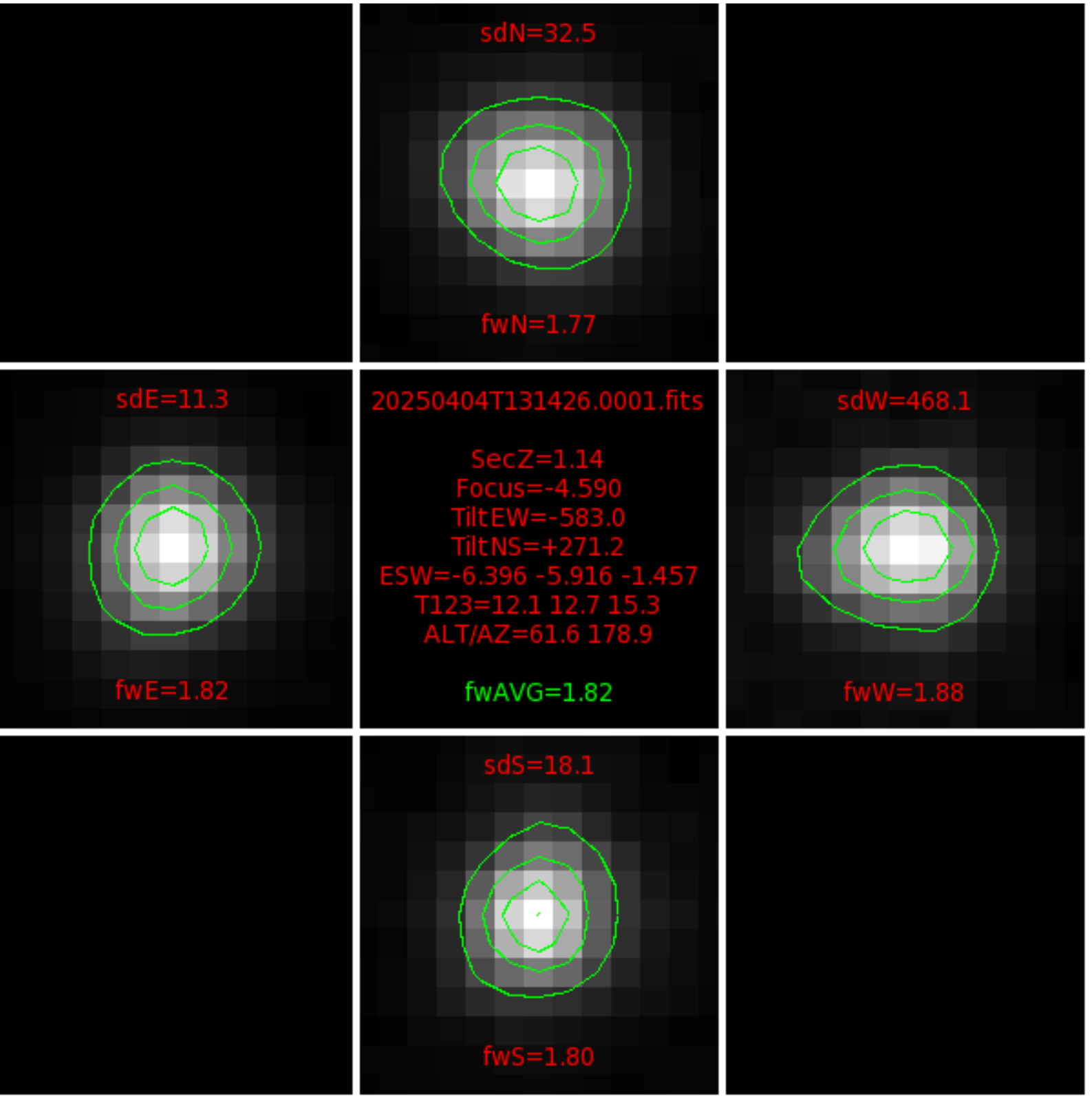
sdN=32.5
fwN=1.77
sdE=11.3
fwE=1.82
20250404T131426.0001.fits
SecZ=1.14
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.7 15.3
ALT/AZ=61.6 178.9
fwAVG=1.82
sdW=468.1
fwW=1.88
sdS=18.1
fwS=1.80
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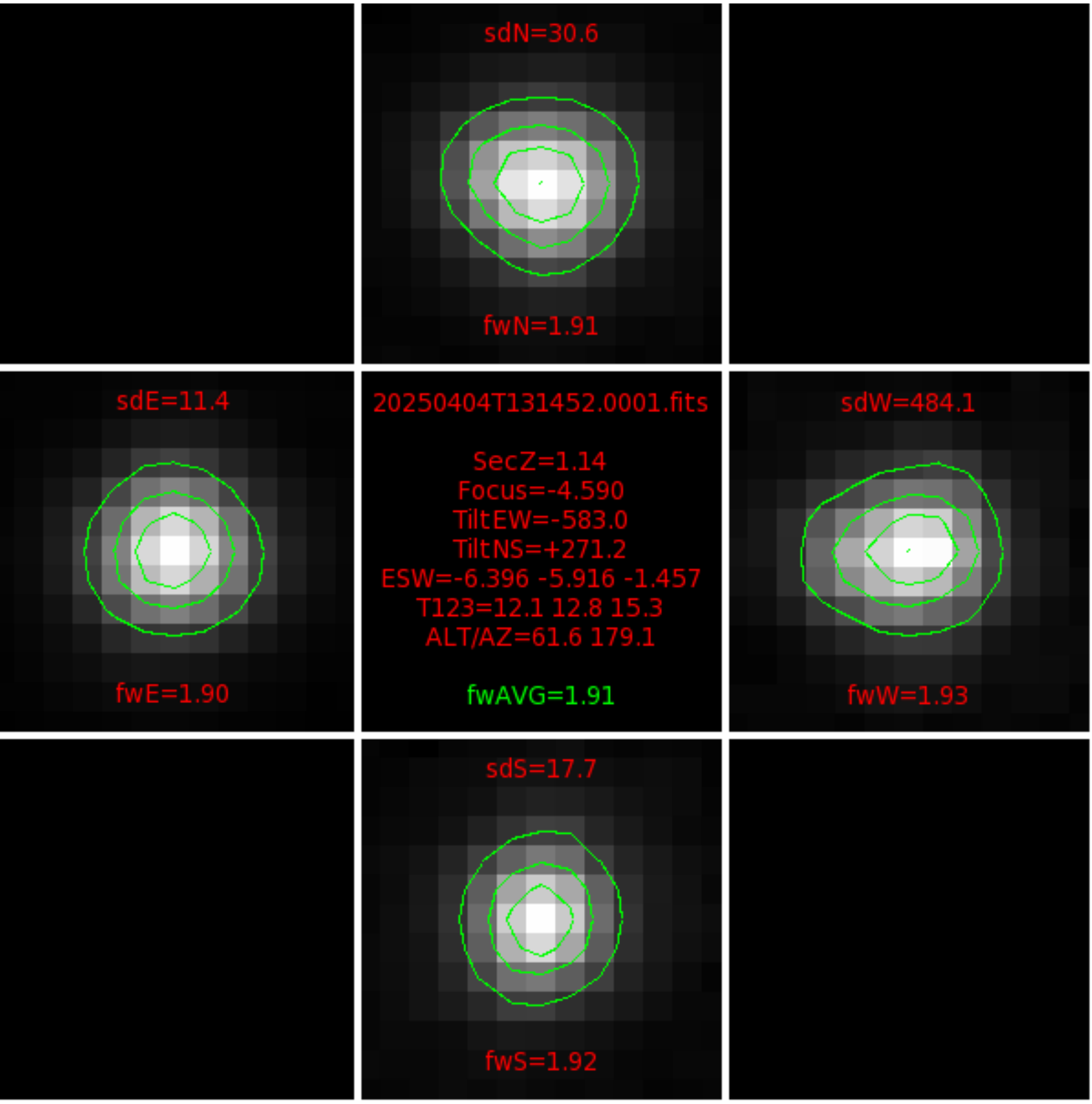
sdN=30.6
fwN=1.91
sdE=11.4
fwE=1.90
20250404T131452.0001.fits
SecZ=1.14
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.8 15.3
ALT/AZ=61.6 179.1
fwAVG=1.91
sdW=484.1
fwW=1.93
sdS=17.7
fwS=1.92
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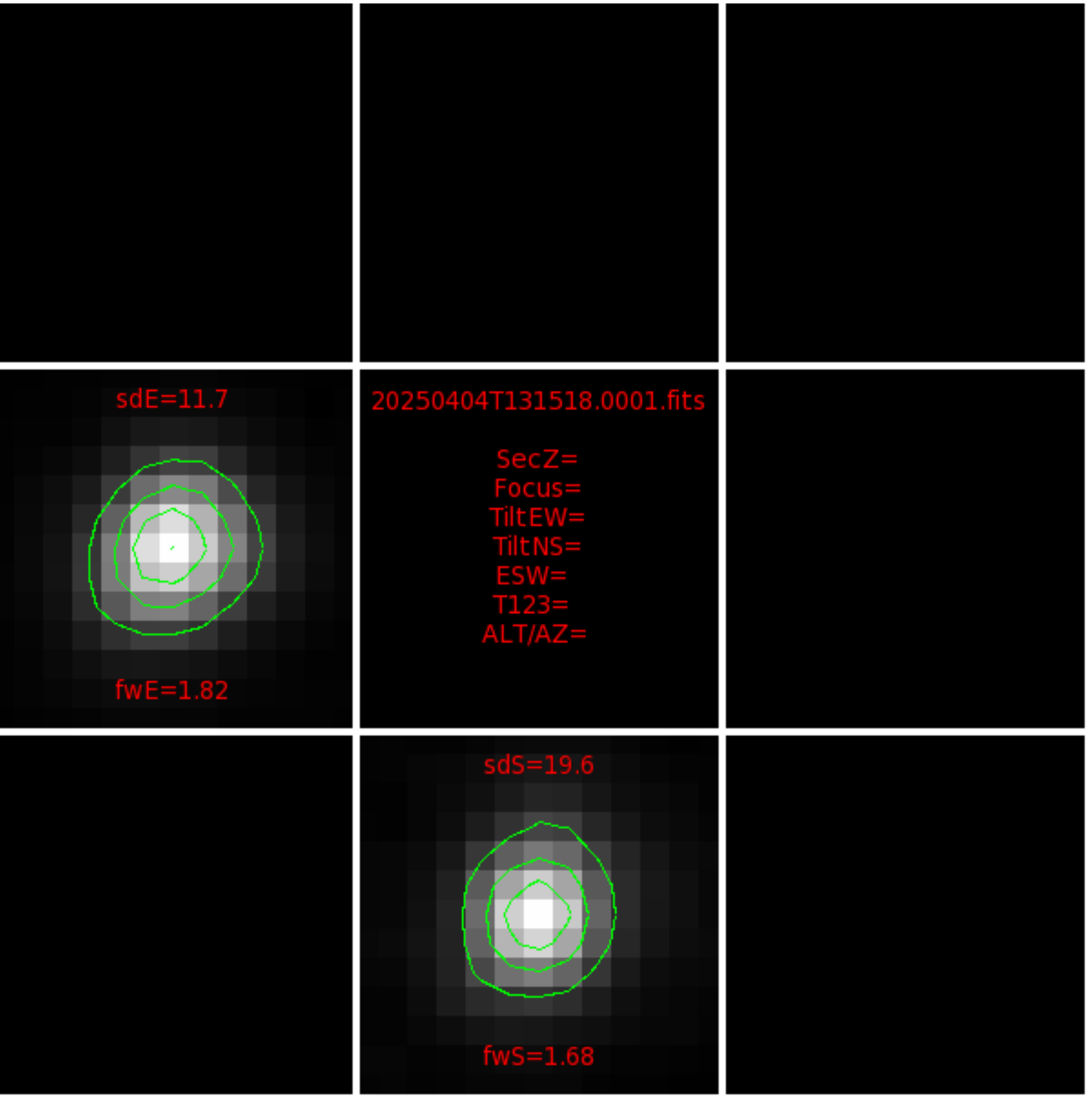
sdE=11.7
20250404T131518.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=1.82
sdS=19.6
fwS=1.68
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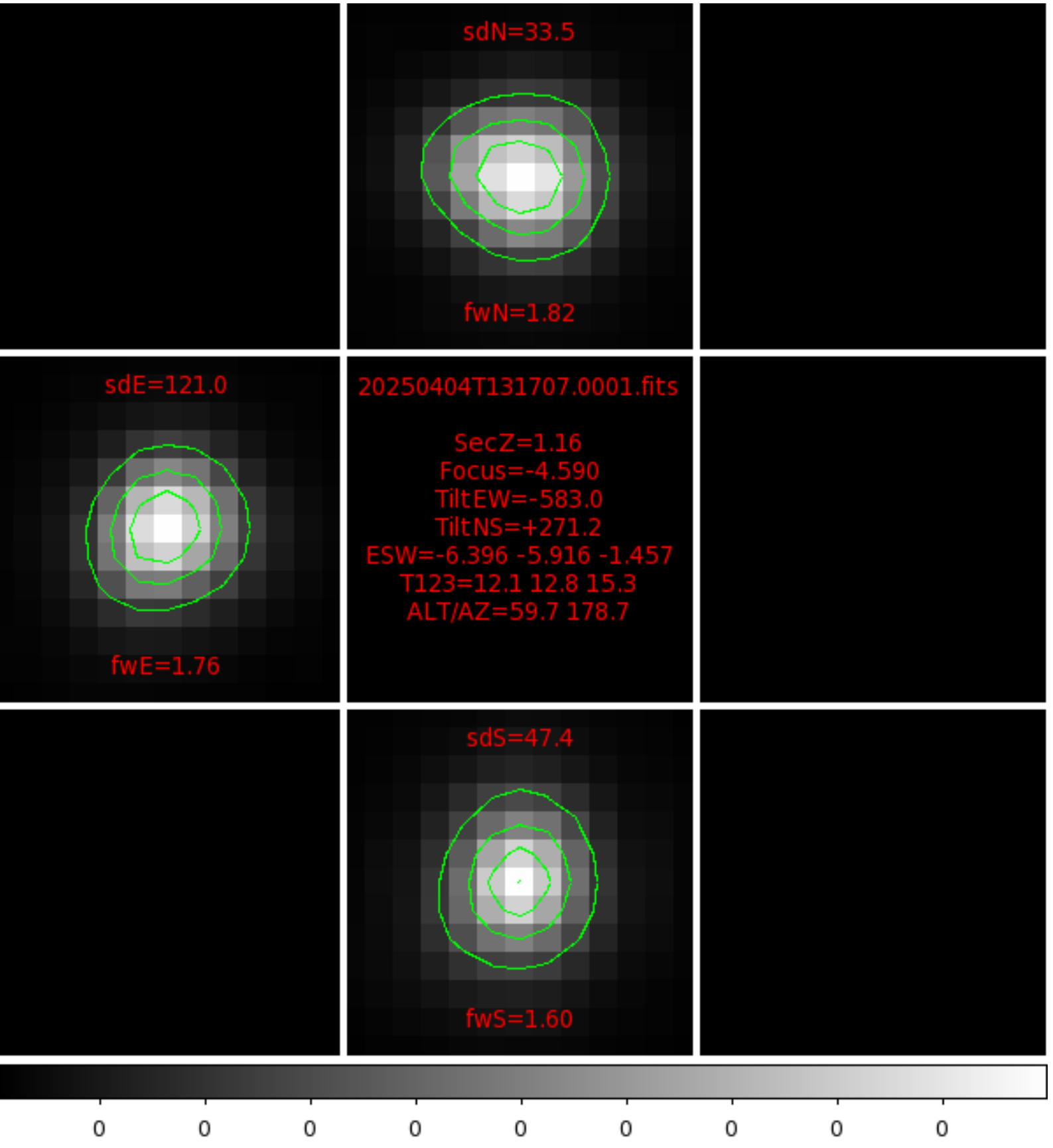
sdN=33.5
fwN=1.82
sdE=121.0
fwE=1.76
20250404T131707.0001.fits
SecZ=1.16
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.8 15.3
ALT/AZ=59.7 178.7
sdS=47.4
fwS=1.60
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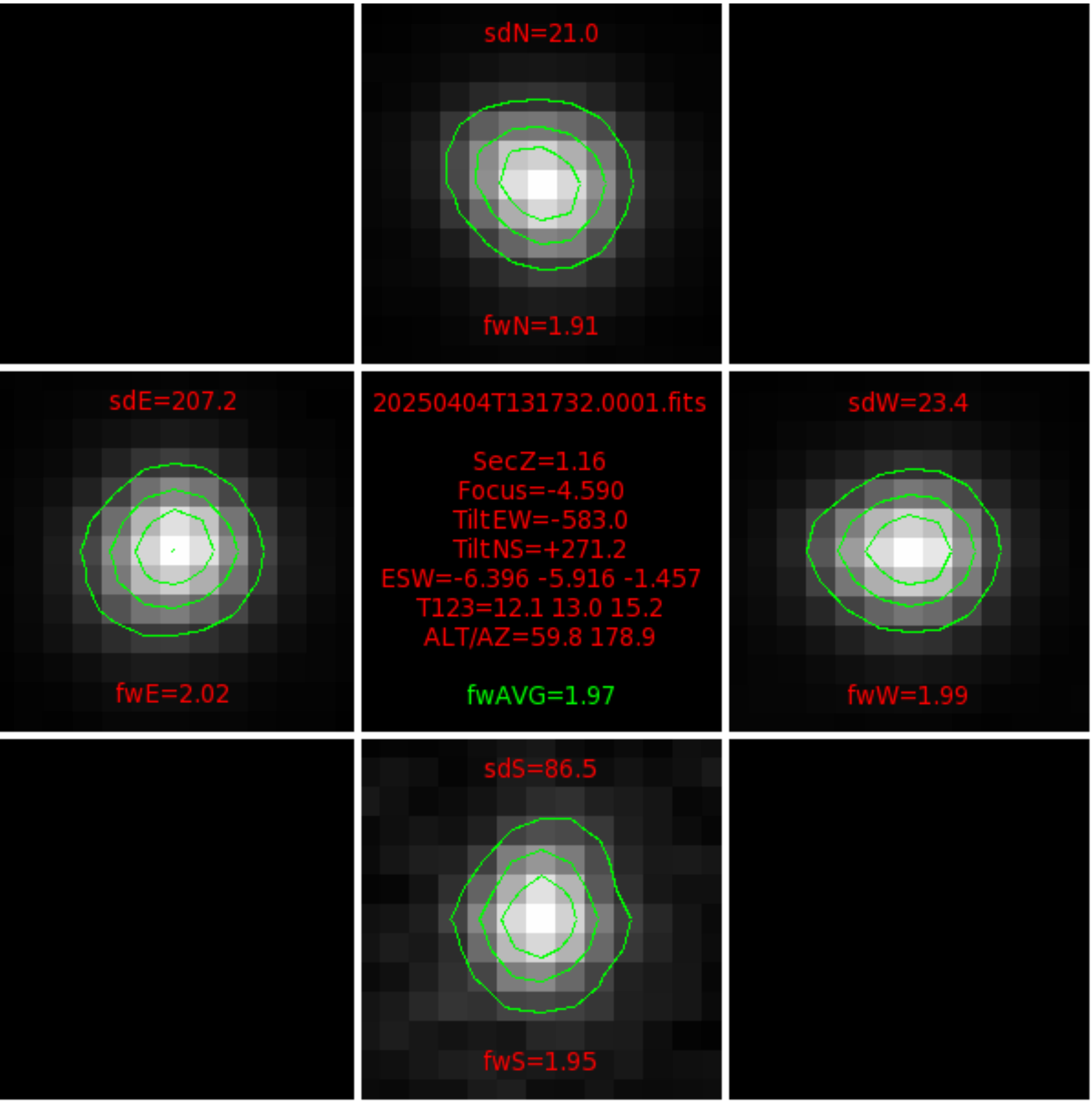
sdN=21.0
fwN=1.91
sdE=207.2
fwE=2.02
20250404T131732.0001.fits
SecZ=1.16
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 13.0 15.2
ALT/AZ=59.8 178.9
fwAVG=1.97
sdW=23.4
fwW=1.99
sdS=86.5
fwS=1.95
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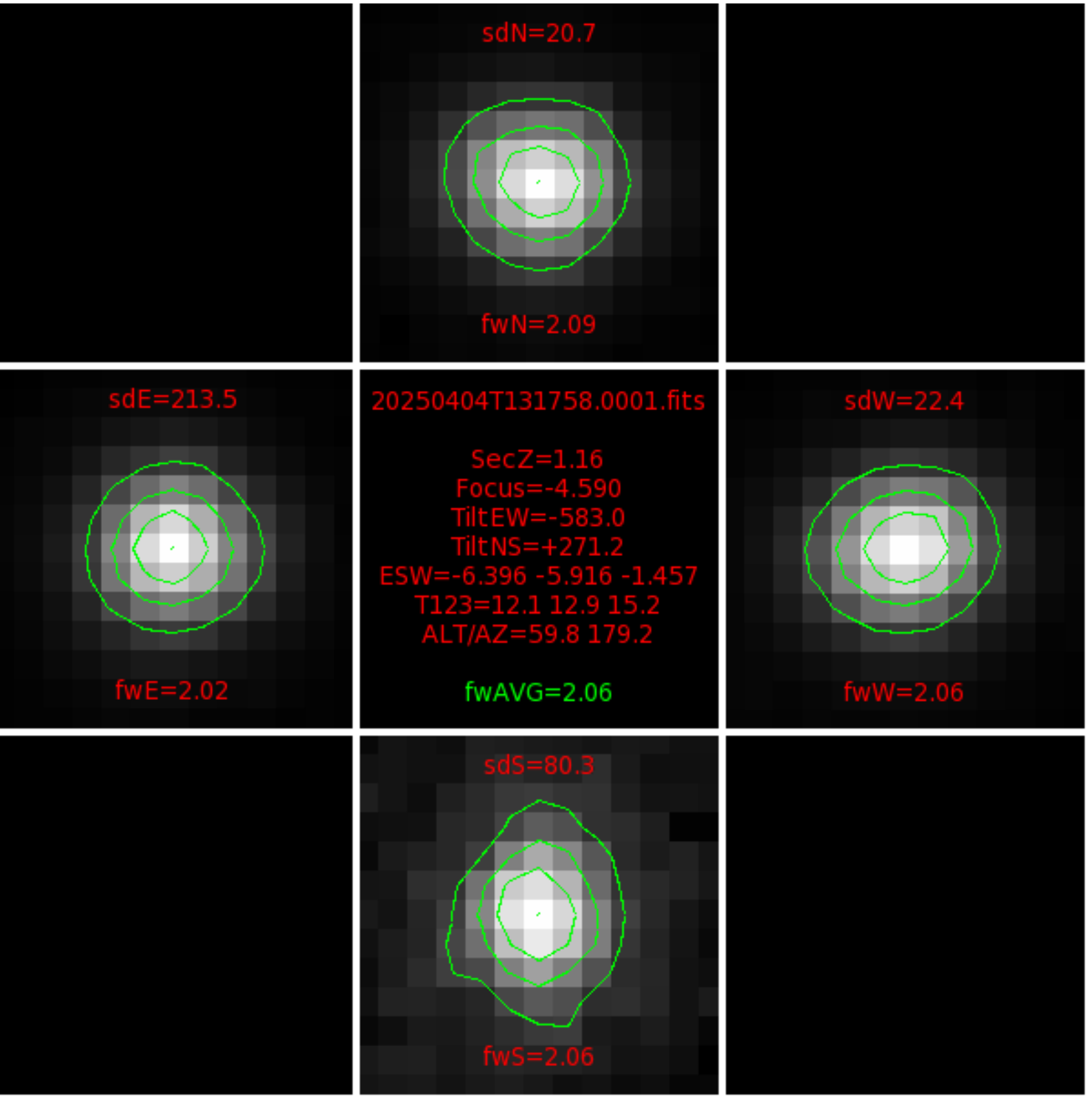
sdN=20.7
fwN=2.09
sdE=213.5
fwE=2.02
20250404T131758.0001.fits
SecZ=1.16
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.9 15.2
ALT/AZ=59.8 179.2
fwAVG=2.06
sdW=22.4
fwW=2.06
sdS=80.3
fwS=2.06
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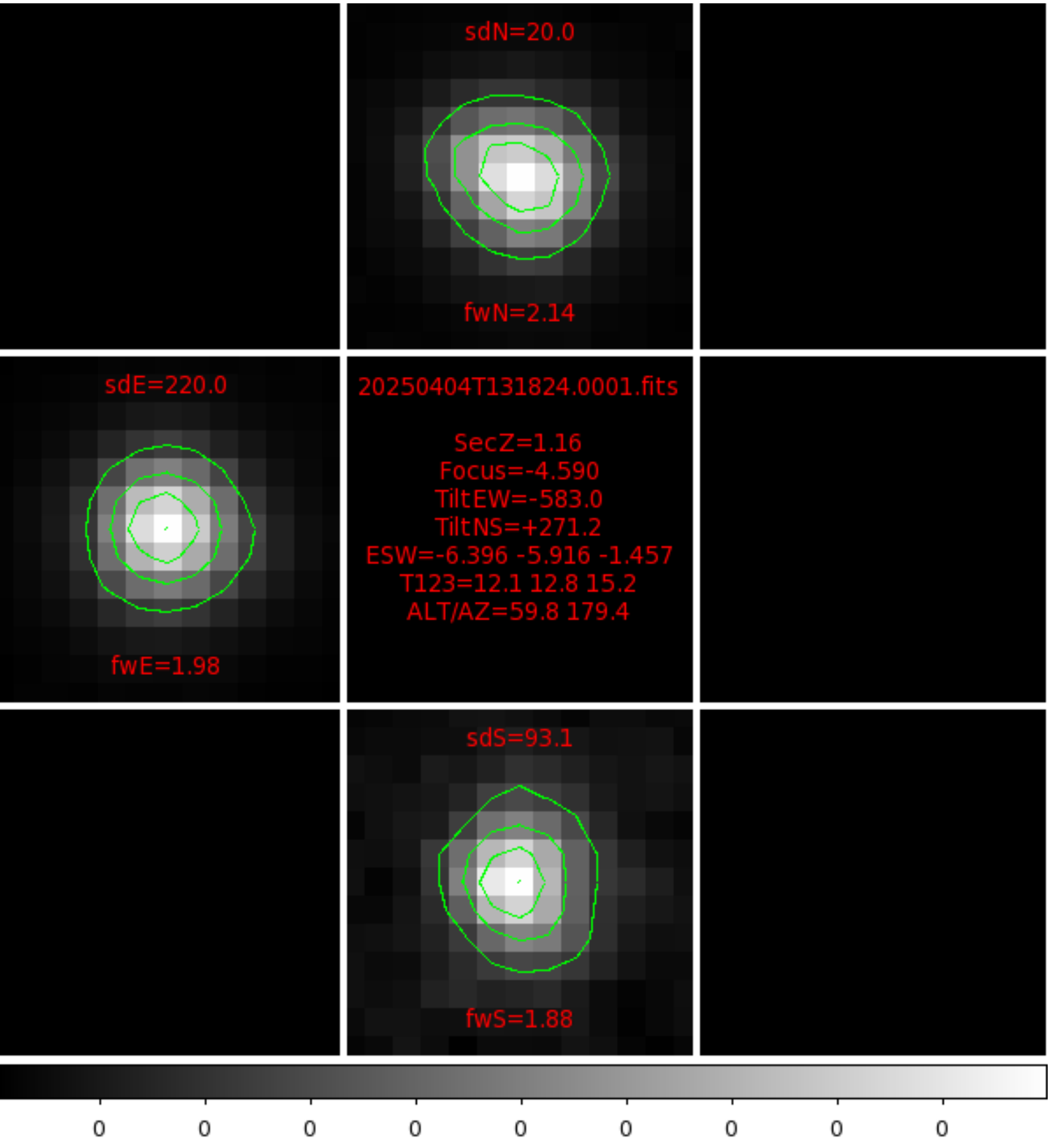
sdN=20.0
fwN=2.14
sdE=220.0
fwE=1.98
20250404T131824.0001.fits
SecZ=1.16
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.8 15.2
ALT/AZ=59.8 179.4
sdS=93.1
fwS=1.88
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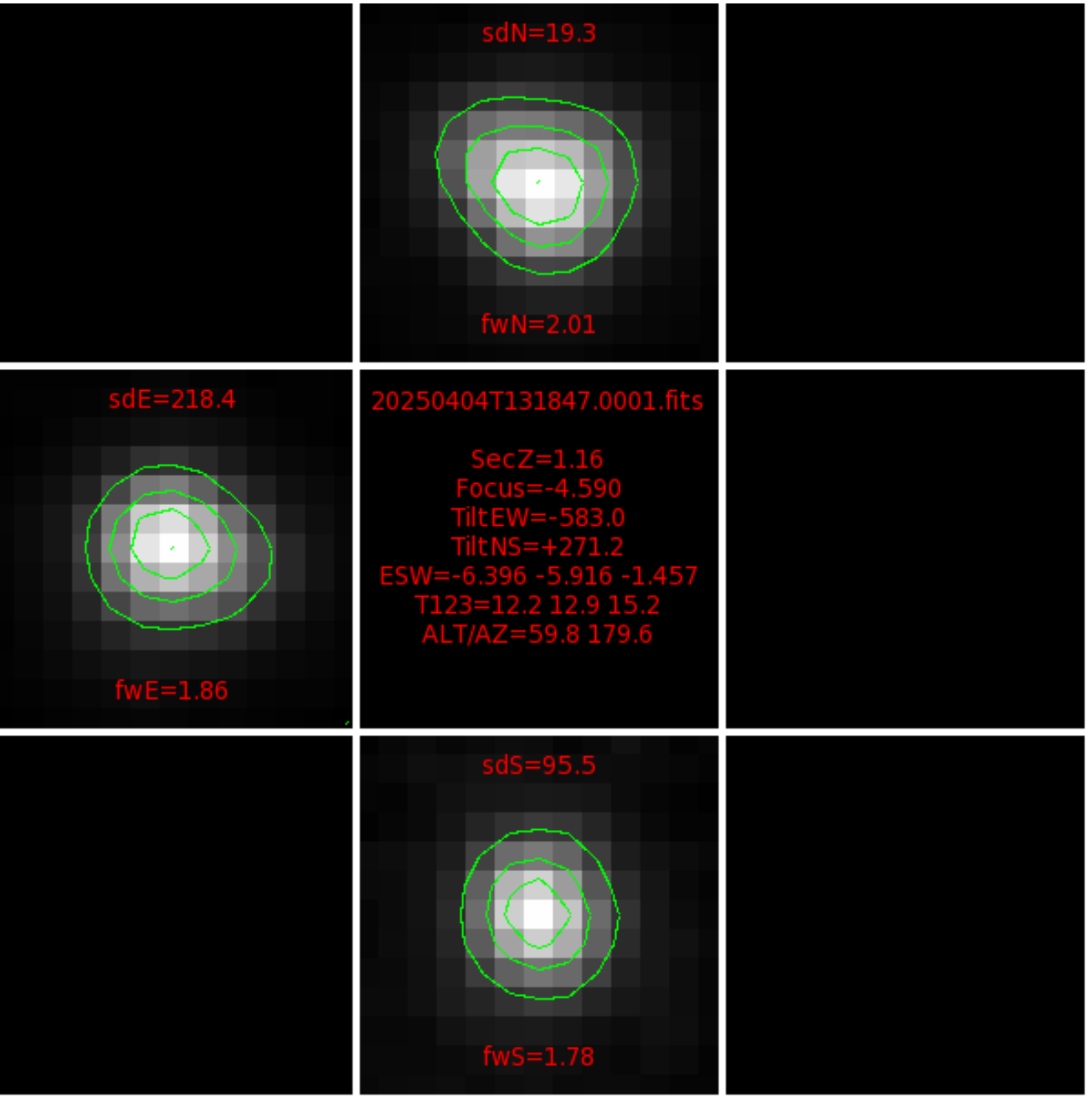
sdN=19.3
fwN=2.01
sdE=218.4
fwE=1.86
20250404T131847.0001.fits
SecZ=1.16
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.2 12.9 15.2
ALT/AZ=59.8 179.6
sdS=95.5
fwS=1.78
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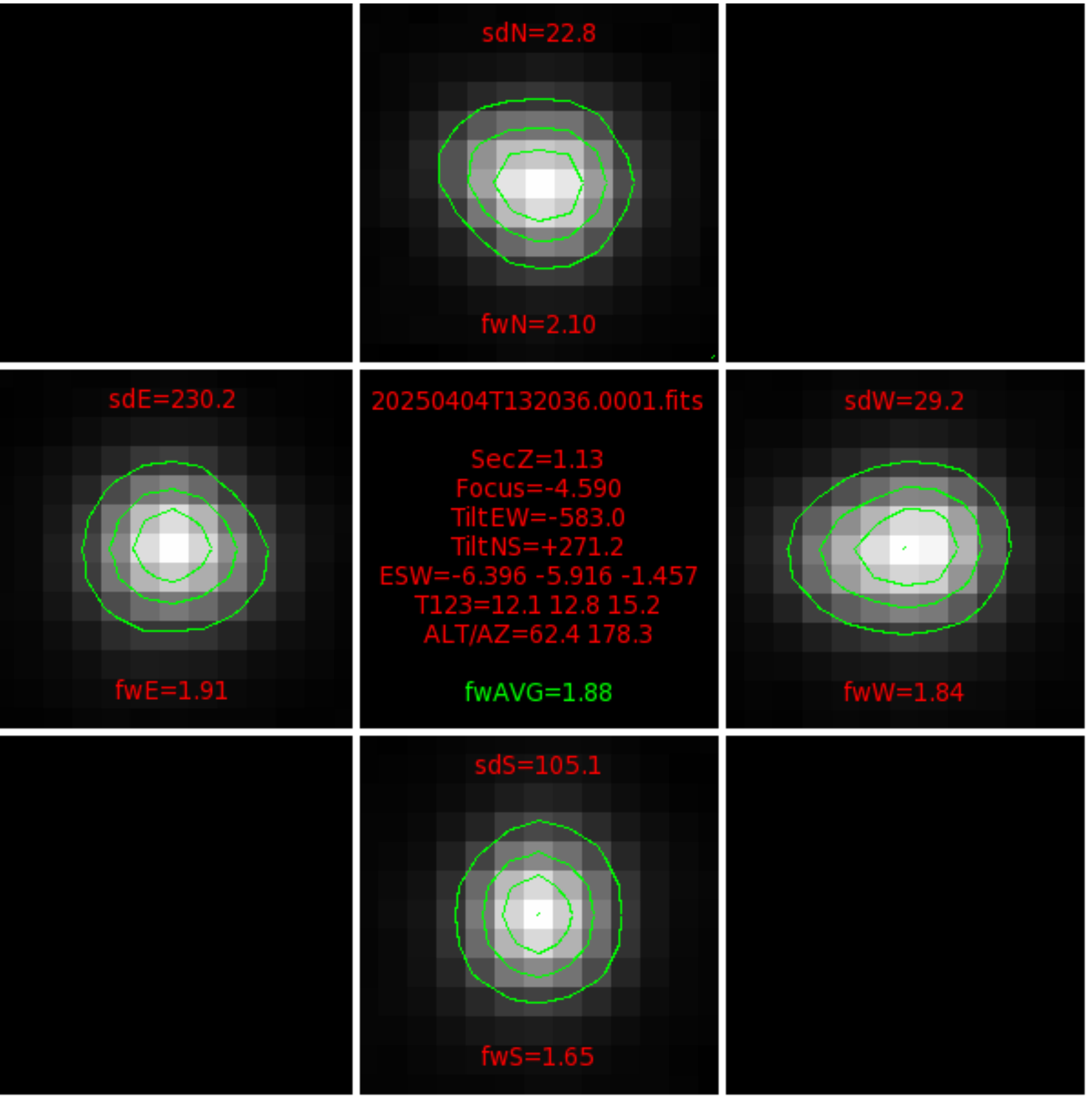
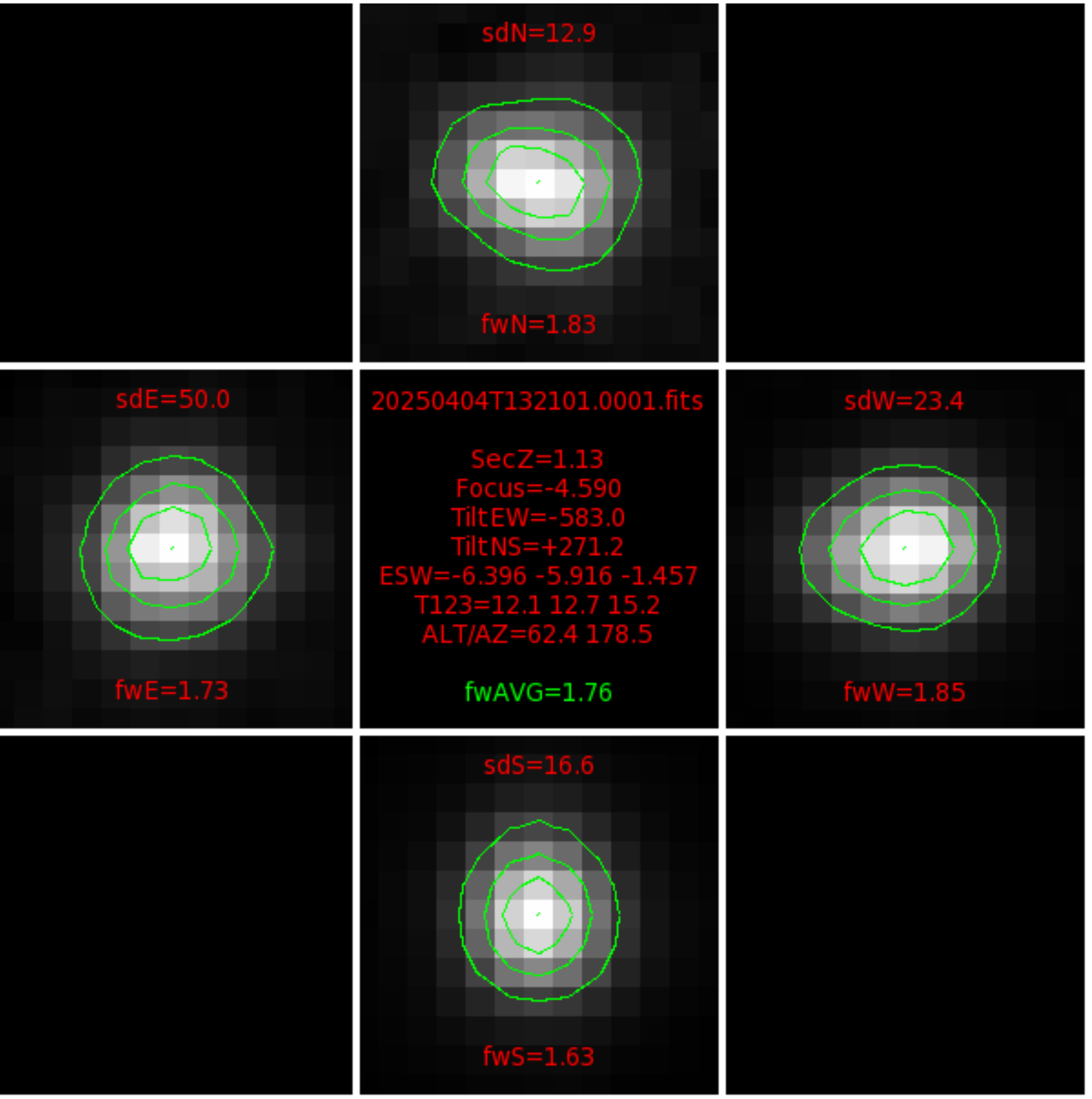

sdN=22.8
fwN=2.10
sdE=230.2
fwE=1.91
20250404T132036.0001.fits
SecZ=1.13
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.8 15.2
ALT/AZ=62.4 178.3
fwAVG=1.88
sdW=29.2
fwW=1.84
sdS=105.1
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=12.9
fwN=1.83
sdE=50.0
fwE=1.73
20250404T132101.0001.fits
SecZ=1.13
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.7 15.2
ALT/AZ=62.4 178.5
fwAVG=1.76
sdW=23.4
fwW=1.85
sdS=16.6
fwS=1.63
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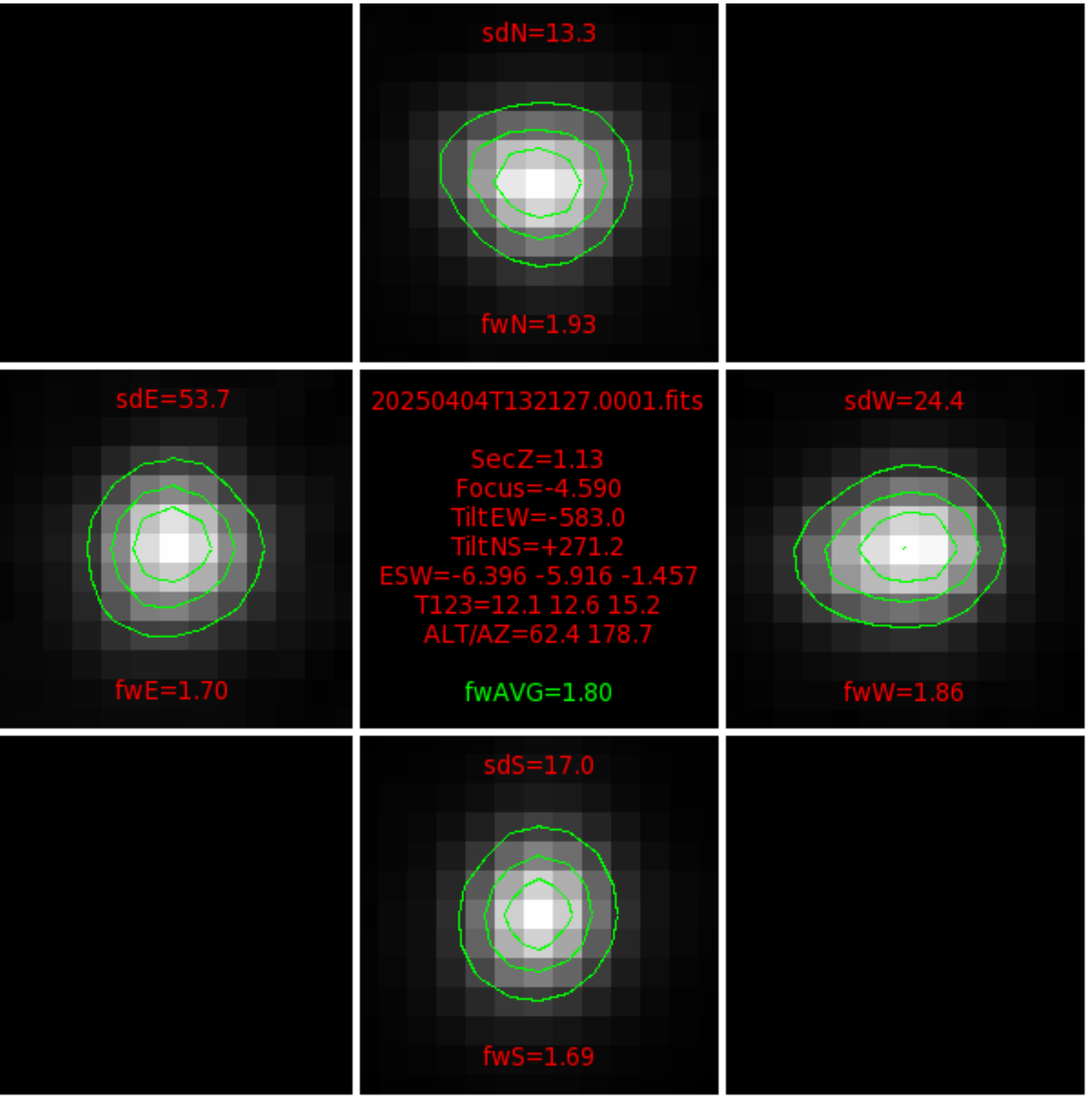
sdN=13.3
fwN=1.93
sdE=53.7
fwE=1.70
20250404T132127.0001.fits
SecZ=1.13
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.6 15.2
ALT/AZ=62.4 178.7
fwAVG=1.80
sdW=24.4
fwW=1.86
sdS=17.0
fwS=1.69
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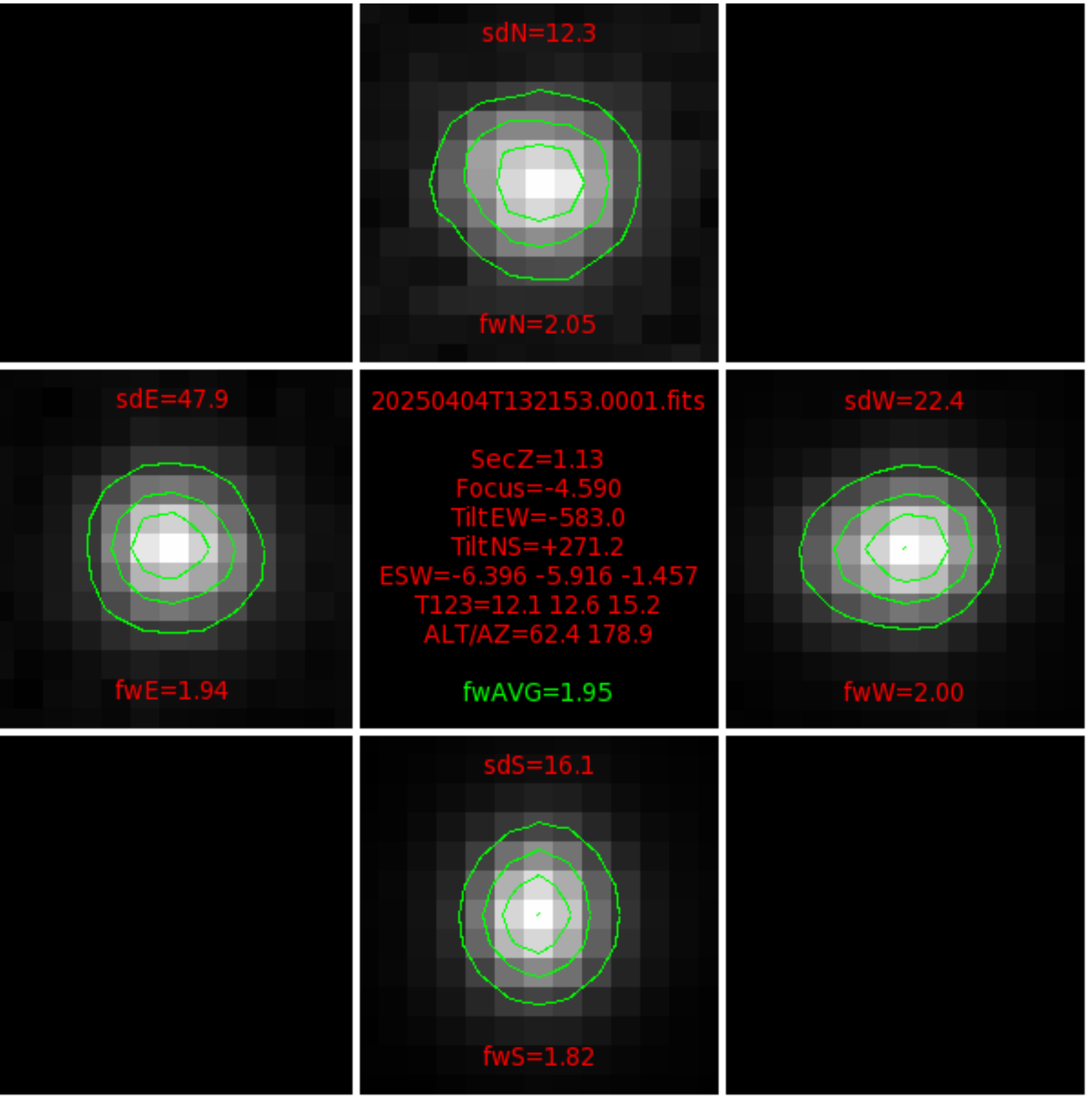
sdN=12.3
fwN=2.05
sdE=47.9
fwE=1.94
20250404T132153.0001.fits
SecZ=1.13
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.6 15.2
ALT/AZ=62.4 178.9
fwAVG=1.95
sdW=22.4
fwW=2.00
sdS=16.1
fwS=1.82
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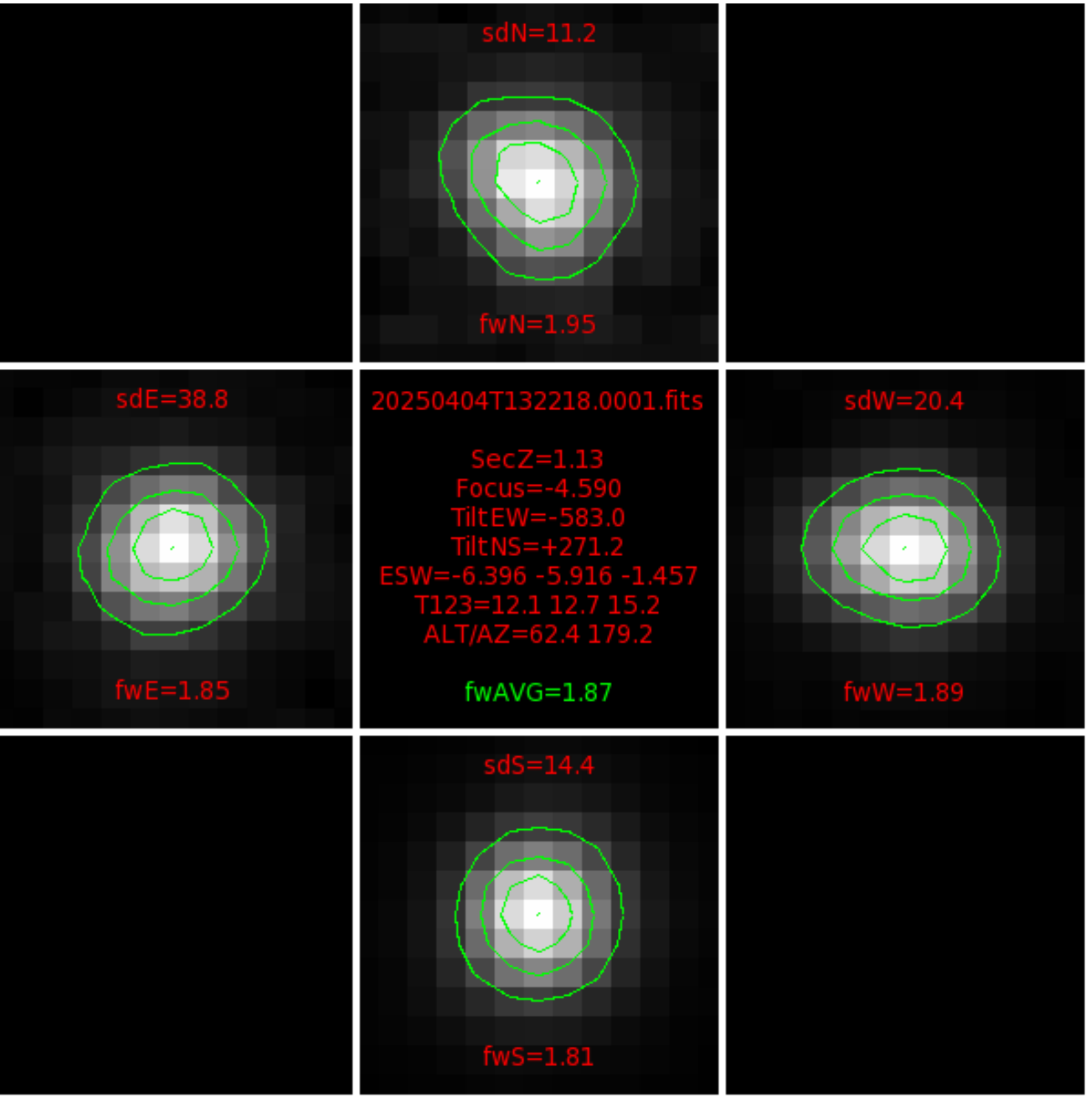
sdN=11.2
fwN=1.95
sdE=38.8
fwE=1.85
20250404T132218.0001.fits
SecZ=1.13
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.7 15.2
ALT/AZ=62.4 179.2
fwAVG=1.87
sdW=20.4
fwW=1.89
sdS=14.4
fwS=1.81
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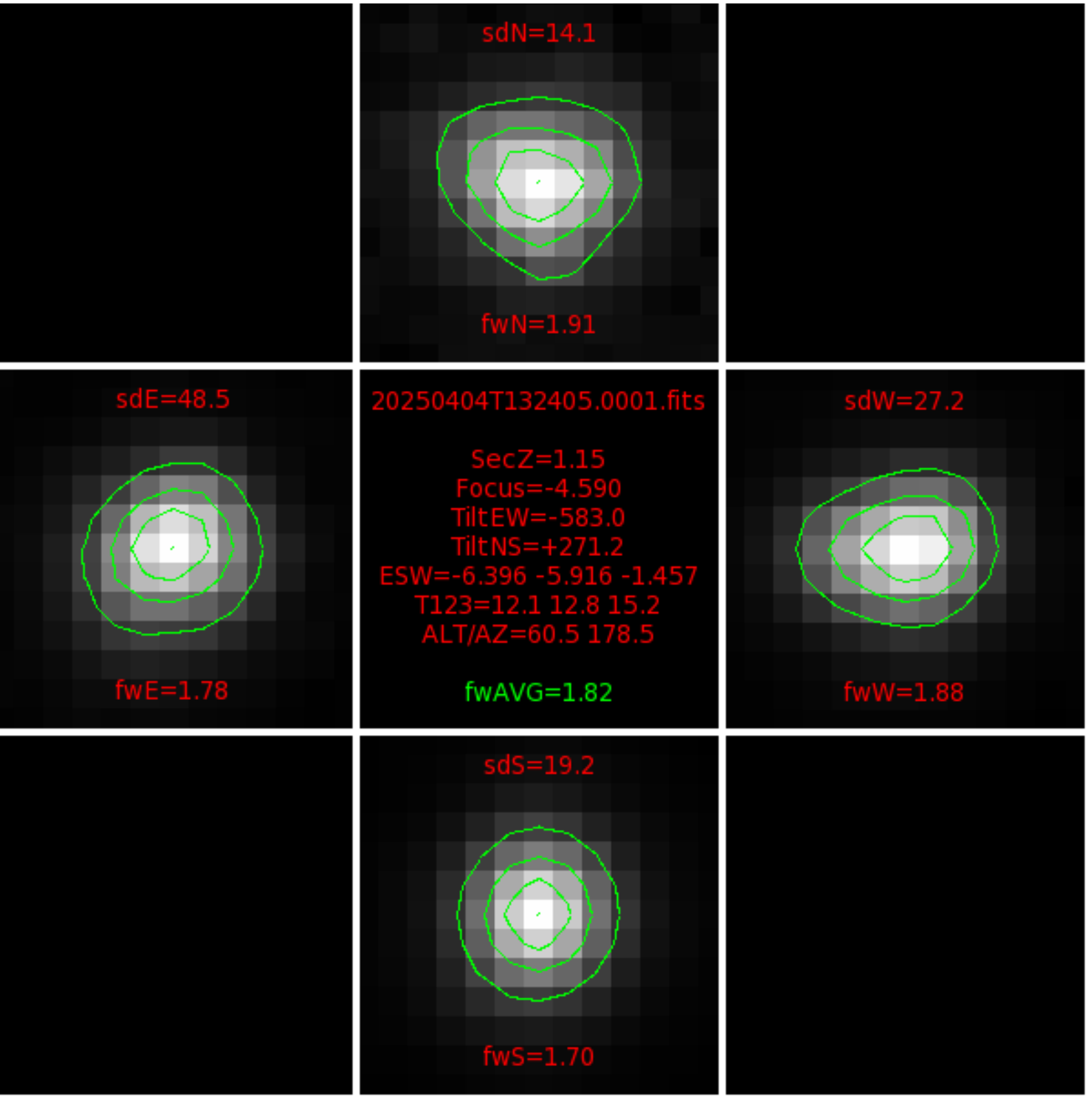
sdN=14.1
fwN=1.91
sdE=48.5
fwE=1.78
20250404T132405.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.8 15.2
ALT/AZ=60.5 178.5
fwAVG=1.82
sdW=27.2
fwW=1.88
sdS=19.2
fwS=1.70
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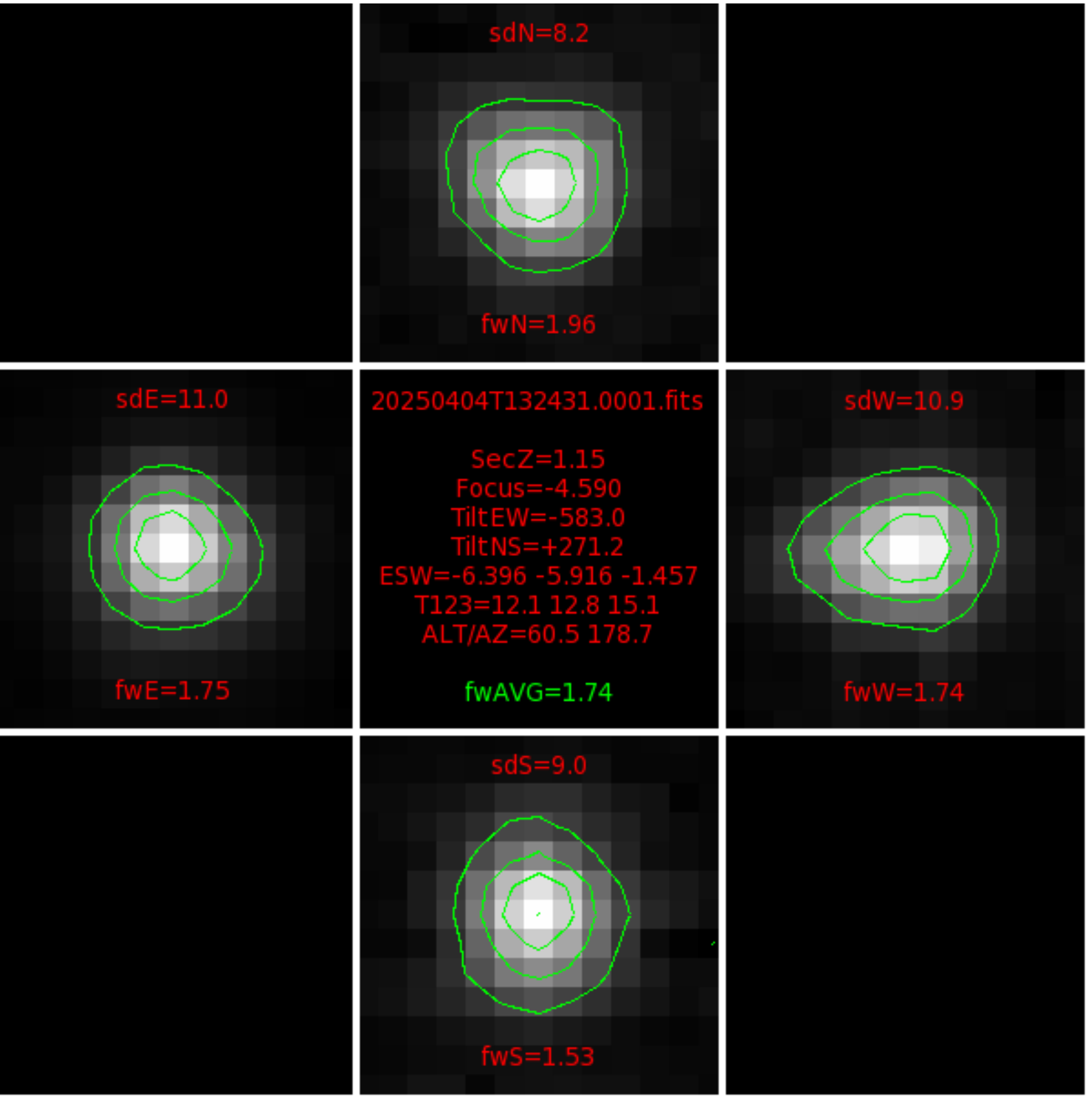
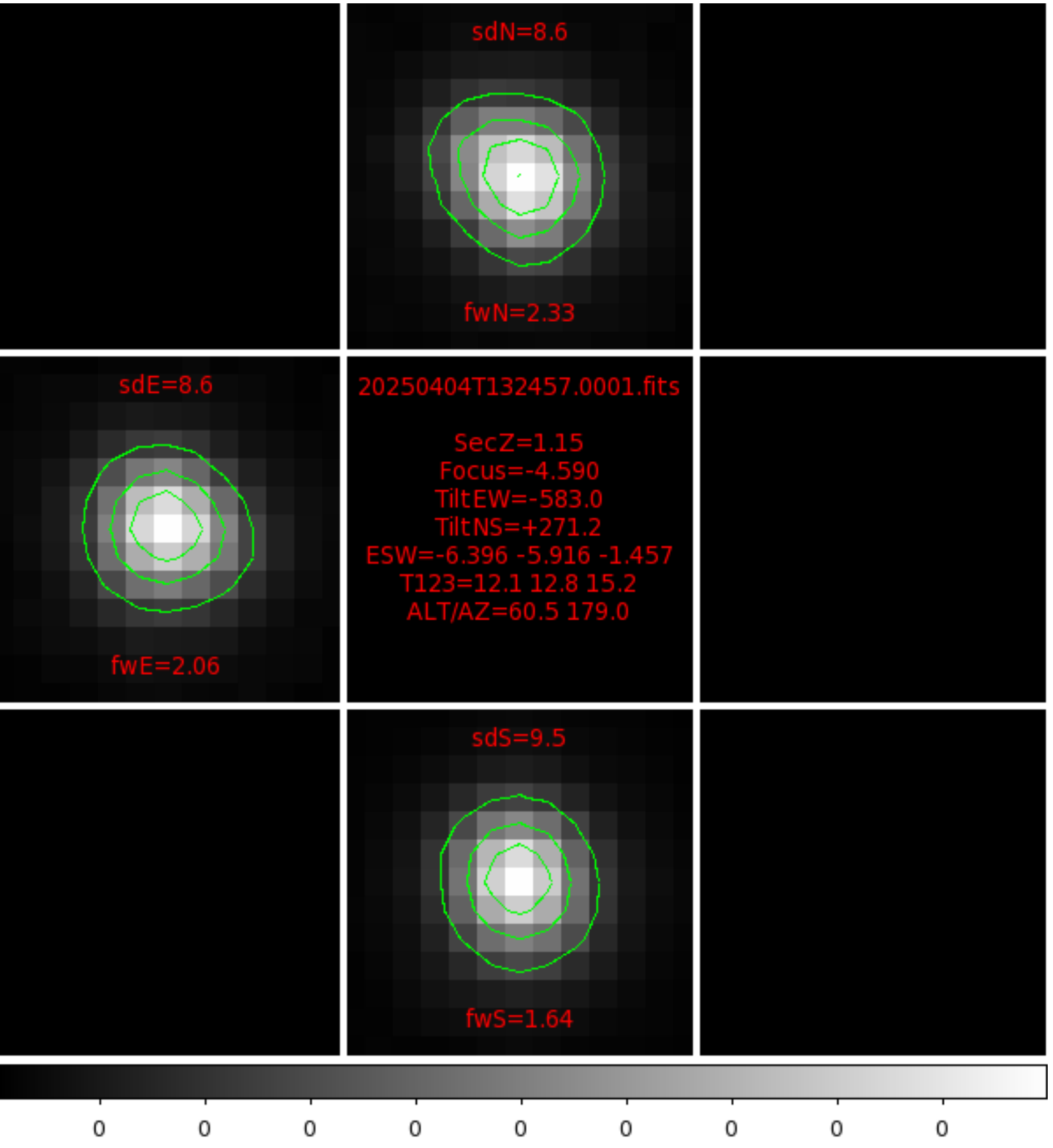
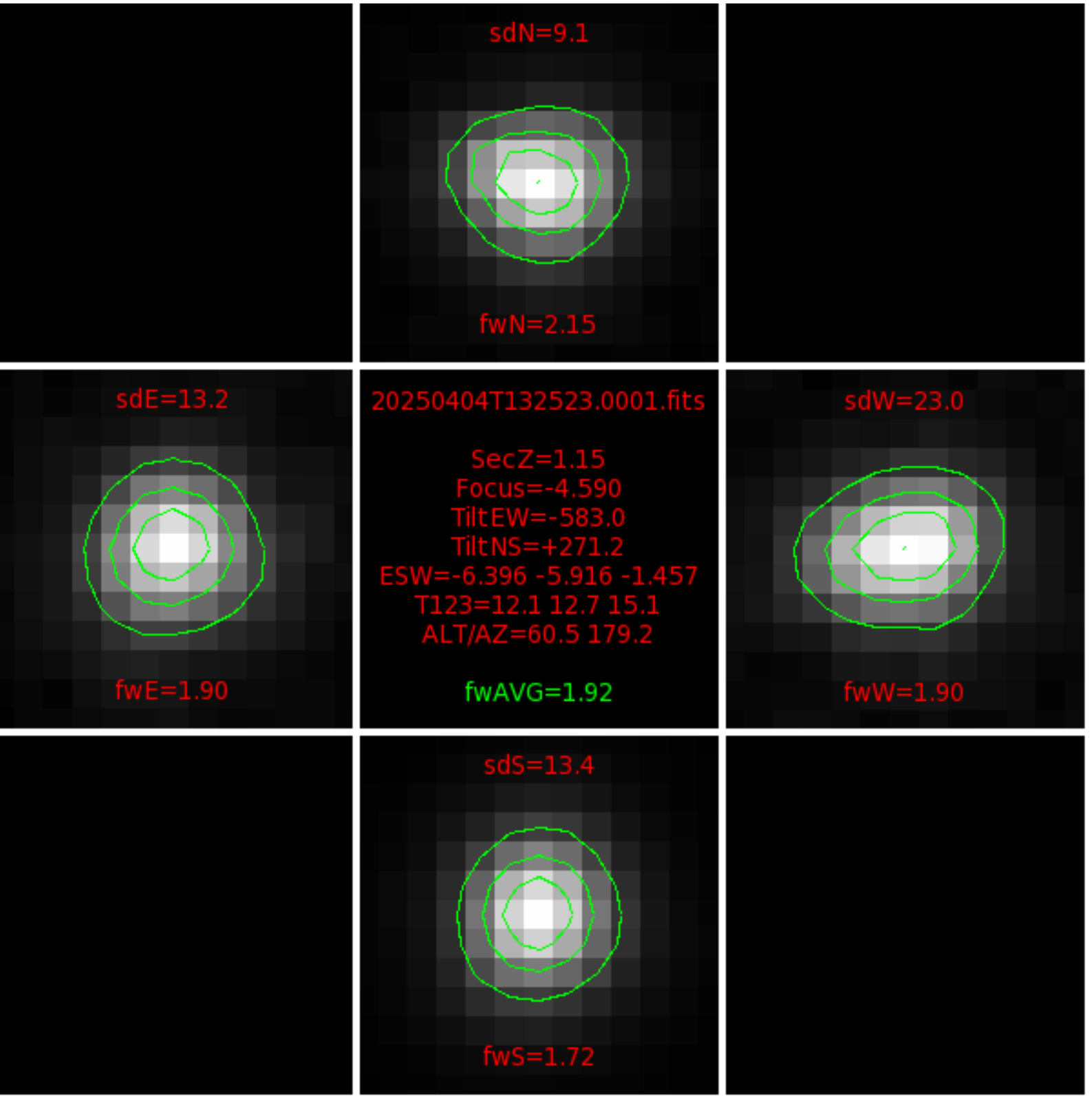

sdN=8.2
fwN=1.96
sdE=11.0
fwE=1.75
20250404T132431.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.8 15.1
ALT/AZ=60.5 178.7
fwAVG=1.74
sdW=10.9
fwW=1.74
sdS=9.0
fwS=1.53
0 0 0 0 0 0 0 0 0


sdN=8.6
fwN=2.33
sdE=8.6
fwE=2.06
20250404T132457.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.8 15.2
ALT/AZ=60.5 179.0
sdS=9.5
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=9.1
fwN=2.15
sdE=13.2
fwE=1.90
20250404T132523.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.7 15.1
ALT/AZ=60.5 179.2
fwAVG=1.92
sdW=23.0
fwW=1.90
sdS=13.4
fwS=1.72
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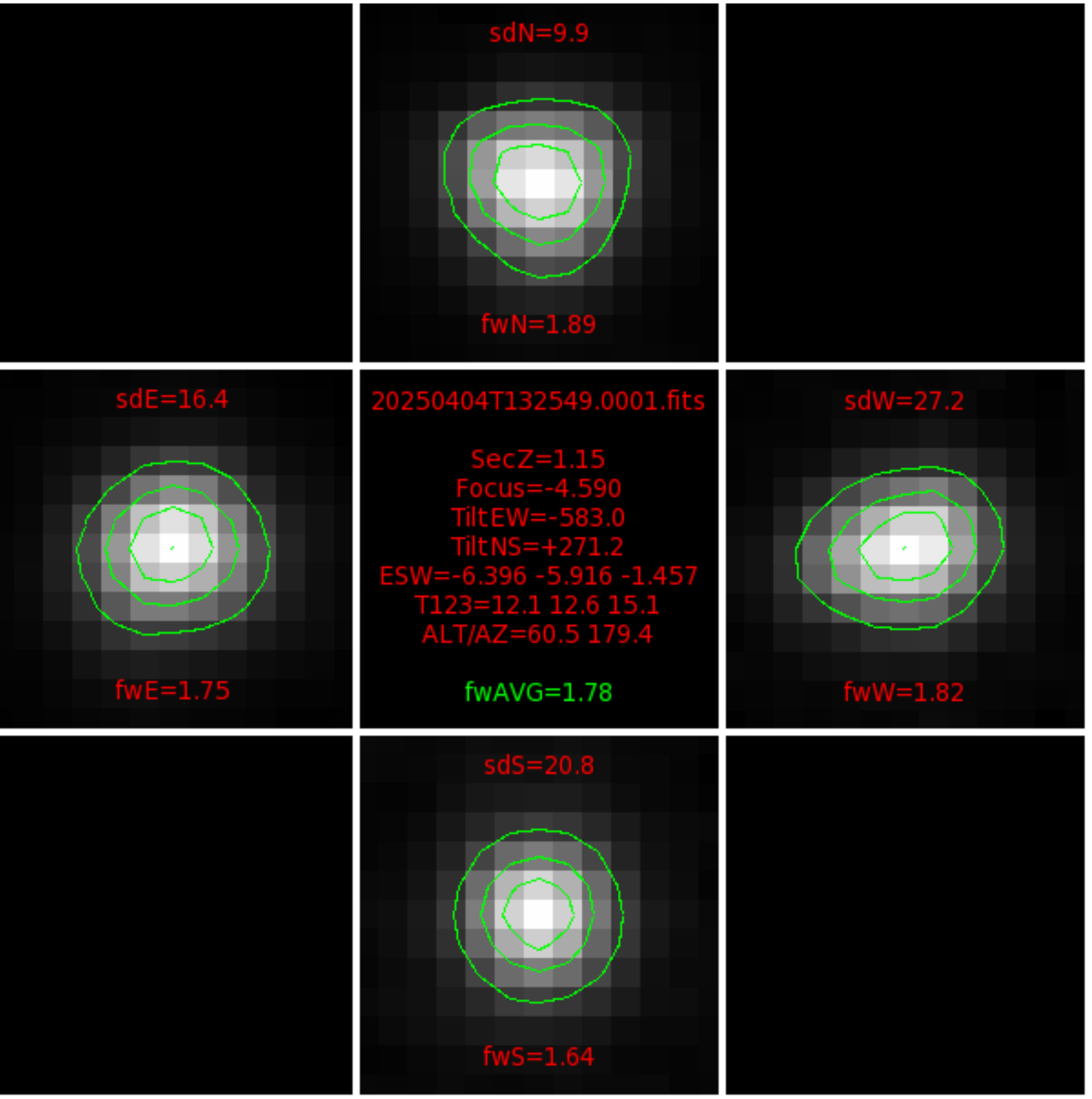
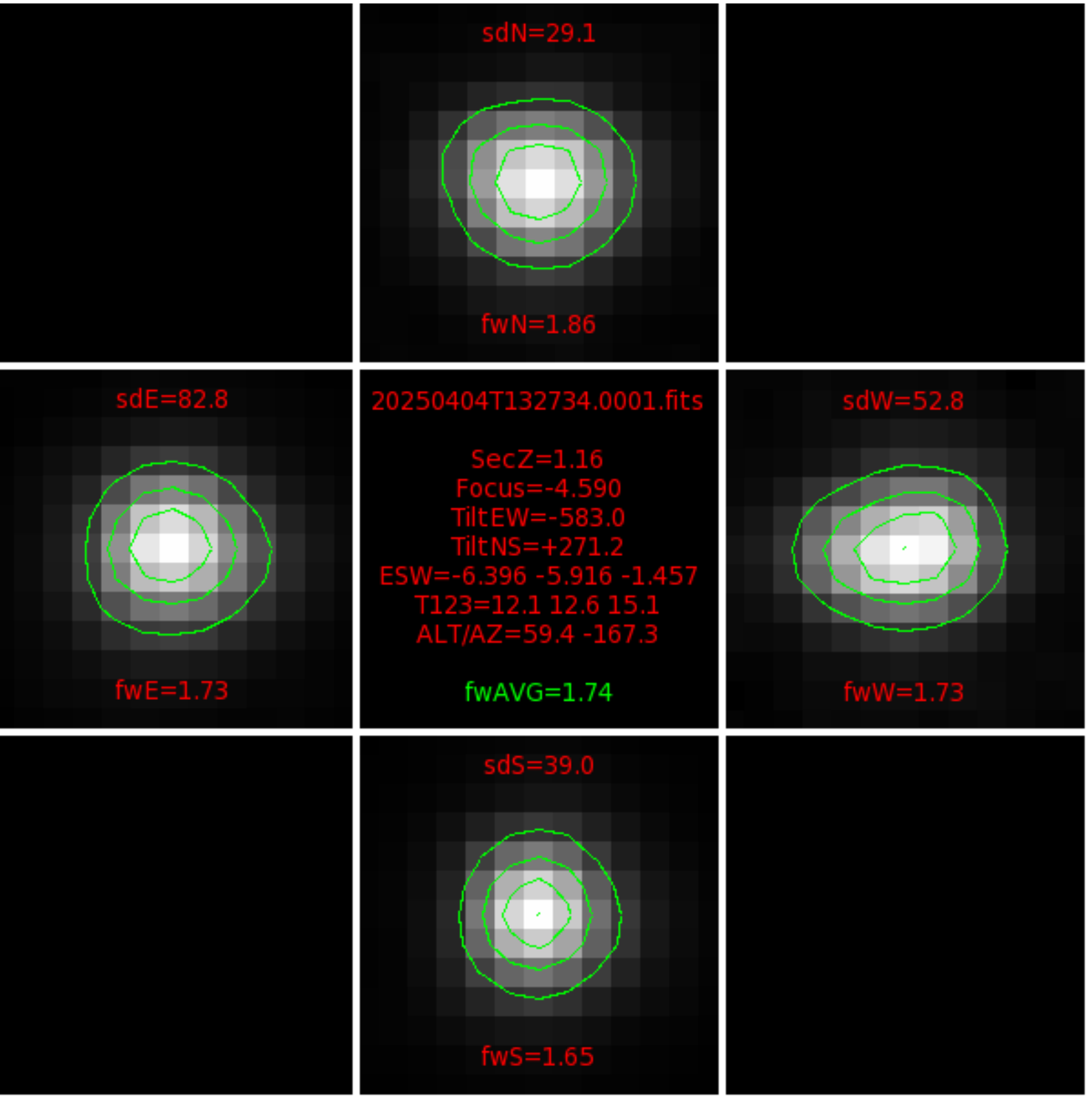
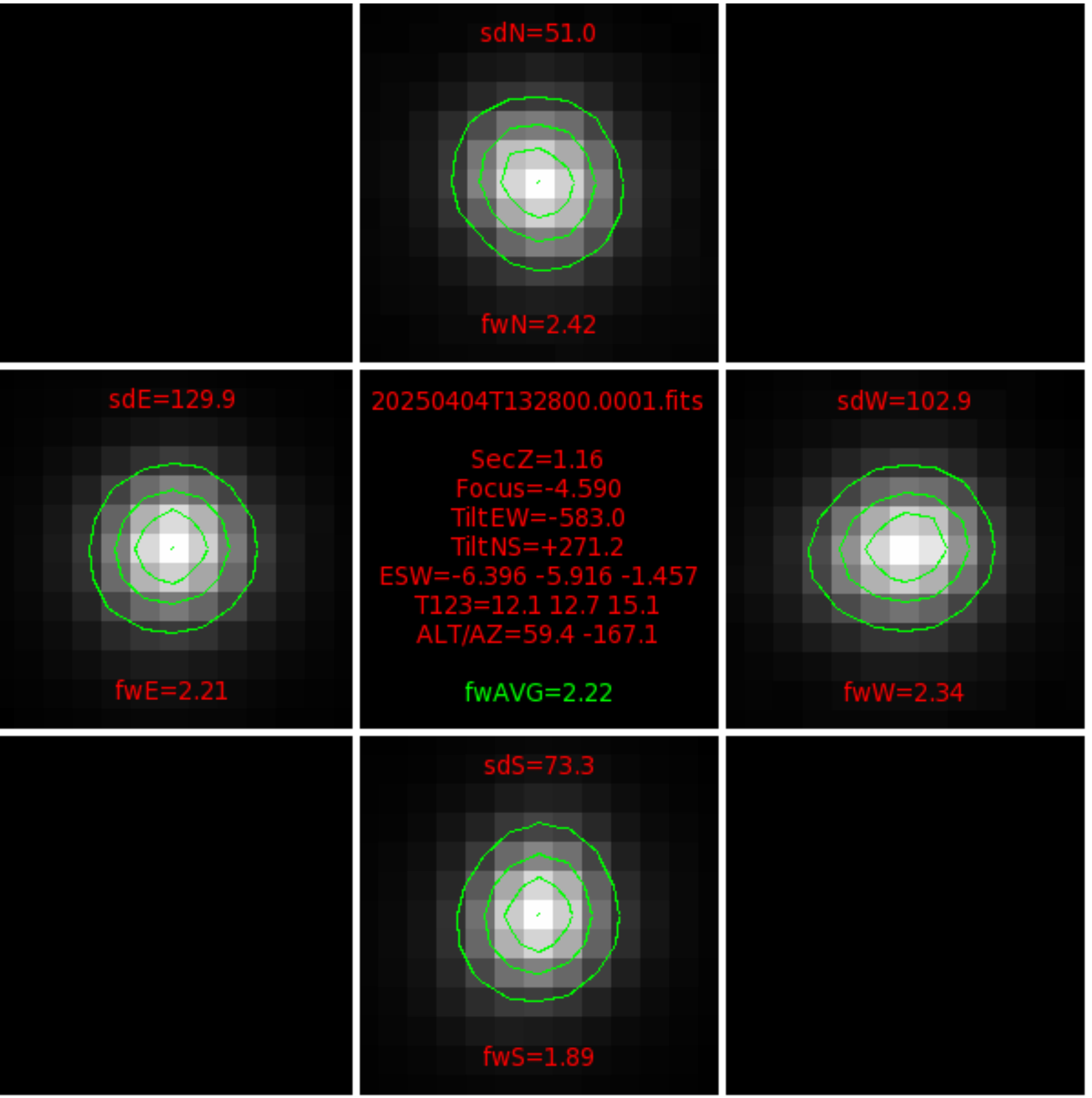

sdN=9.9
fwN=1.89
sdE=16.4
fwE=1.75
20250404T132549.0001.fits
SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.6 15.1
ALT/AZ=60.5 179.4
fwAVG=1.78
sdW=27.2
fwW=1.82
sdS=20.8
fwS=1.64
0 0 0 0 0 0 0 0 0


sdN=29.1
fwN=1.86
sdE=82.8
fwE=1.73
20250404T132734.0001.fits
SecZ=1.16
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.6 15.1
ALT/AZ=59.4 -167.3
fwAVG=1.74
sdW=52.8
fwW=1.73
sdS=39.0
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=51.0
fwN=2.42
sdE=129.9
fwE=2.21
20250404T132800.0001.fits
SecZ=1.16
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.7 15.1
ALT/AZ=59.4 -167.1
fwAVG=2.22
sdW=102.9
fwW=2.34
sdS=73.3
fwS=1.89
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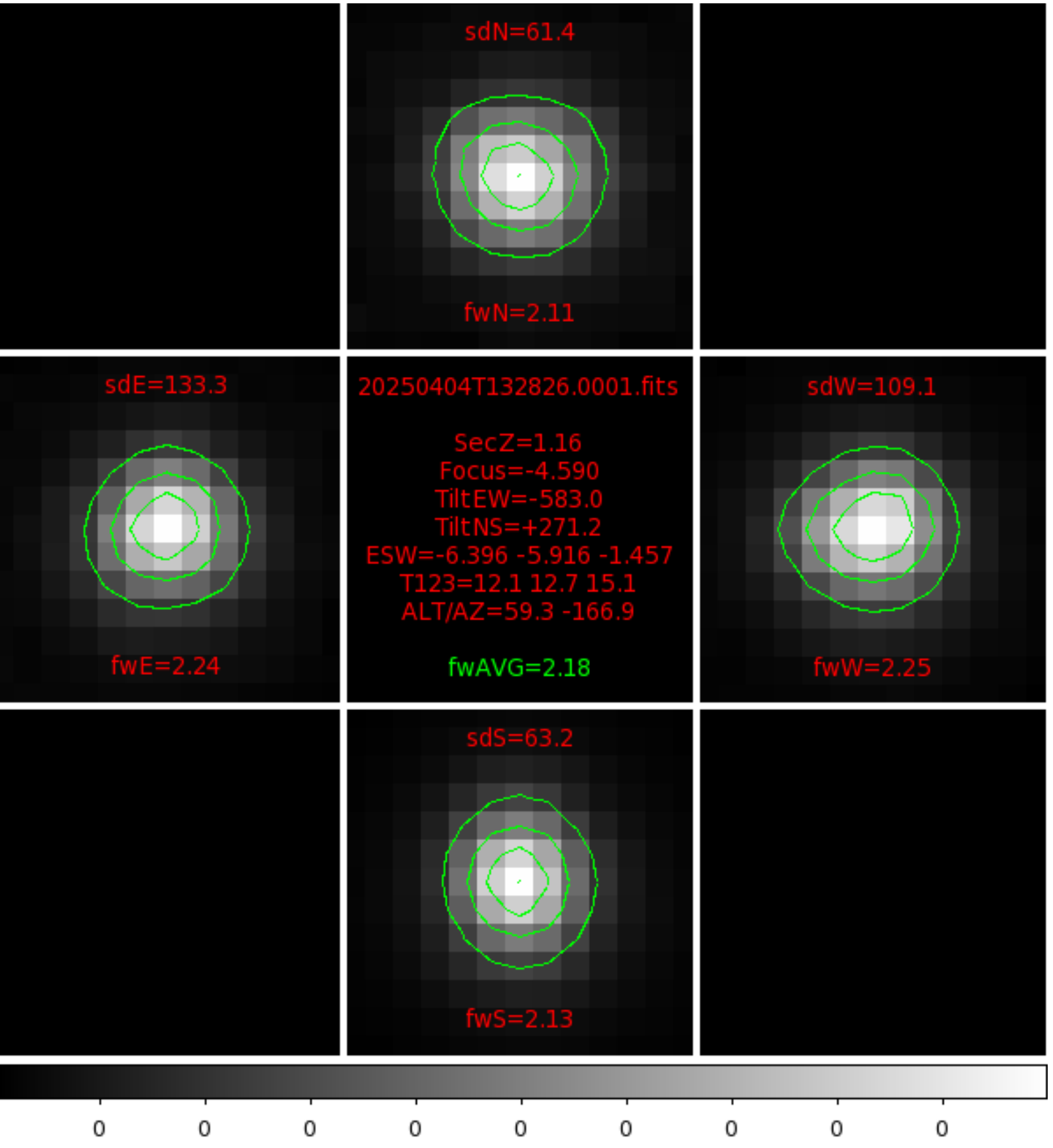
sdN=61.4
fwN=2.11
sdE=133.3
fwE=2.24
20250404T132826.0001.fits
SecZ=1.16
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.7 15.1
ALT/AZ=59.3 -166.9
fwAVG=2.18
sdW=109.1
fwW=2.25
sdS=63.2
fwS=2.13
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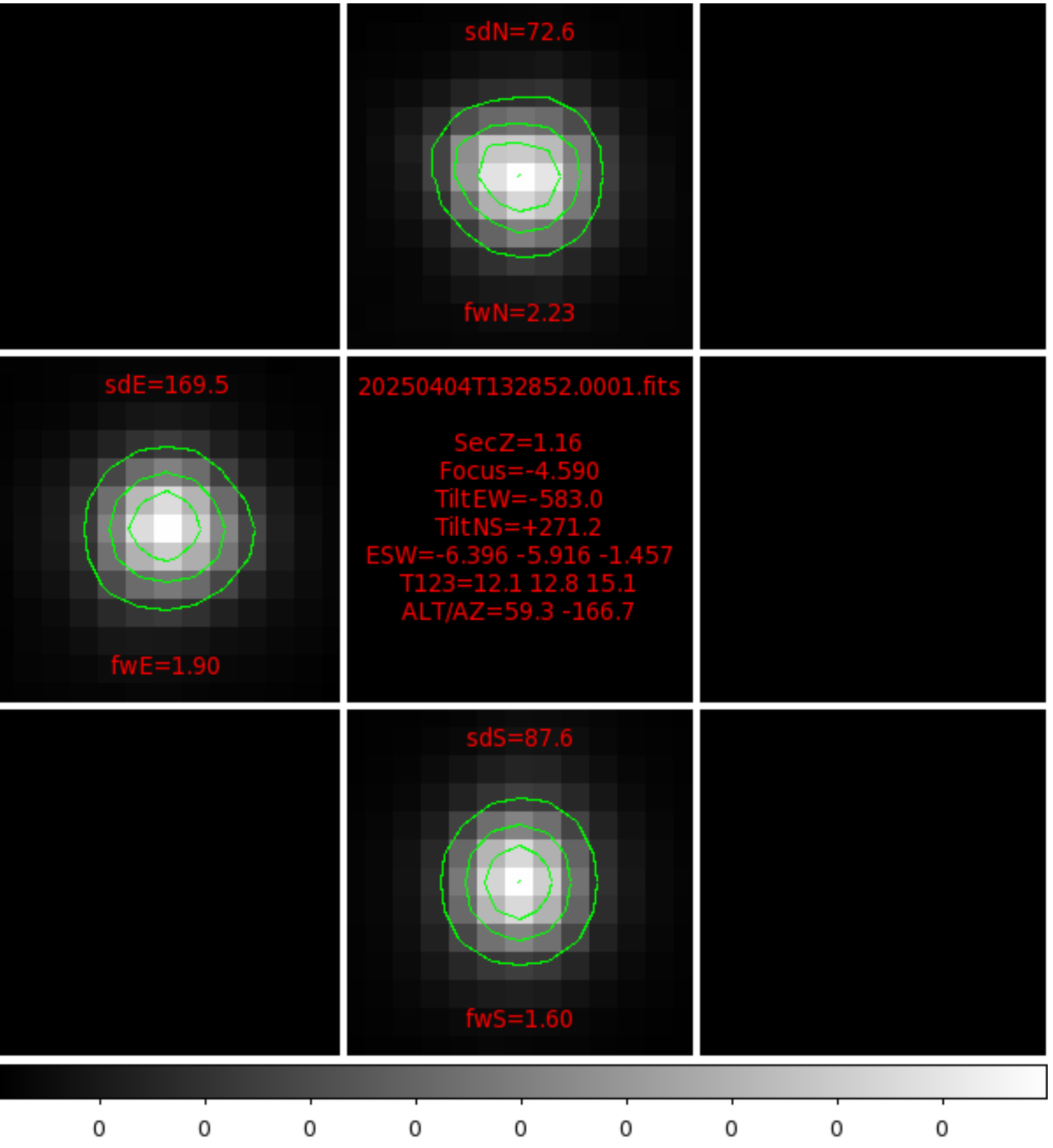
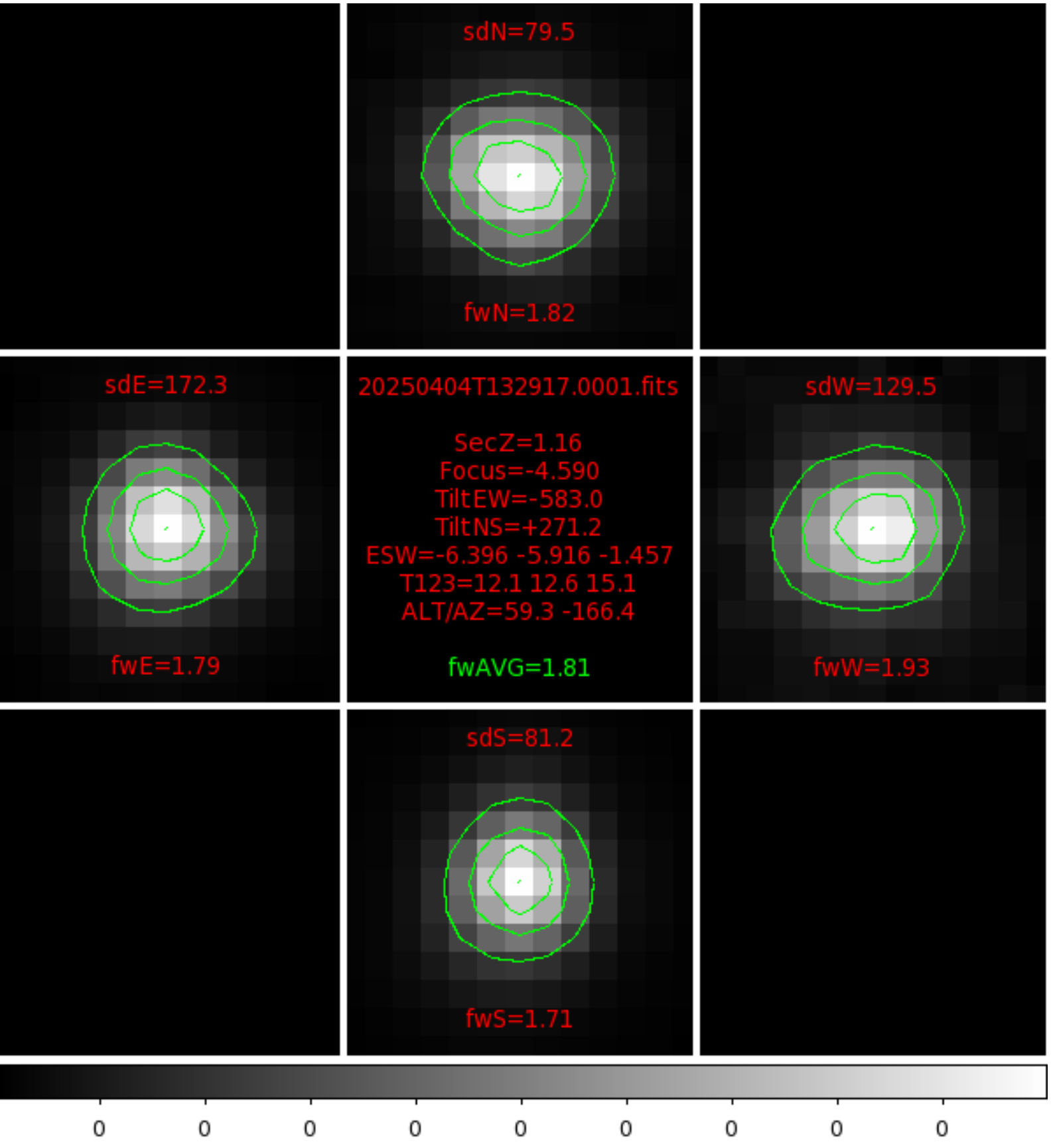

sdN=72.6
fwN=2.23
sdE=169.5
fwE=1.90
20250404T132852.0001.fits
SecZ=1.16
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.8 15.1
ALT/AZ=59.3 -166.7
sdS=87.6
fwS=1.60
0 0 0 0 0 0 0 0 0


sdN=79.5
fwN=1.82
sdE=172.3
fwE=1.79
20250404T132917.0001.fits
SecZ=1.16
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.6 15.1
ALT/AZ=59.3 -166.4
fwAVG=1.81
sdW=129.5
fwW=1.93
sdS=81.2
fwS=1.71
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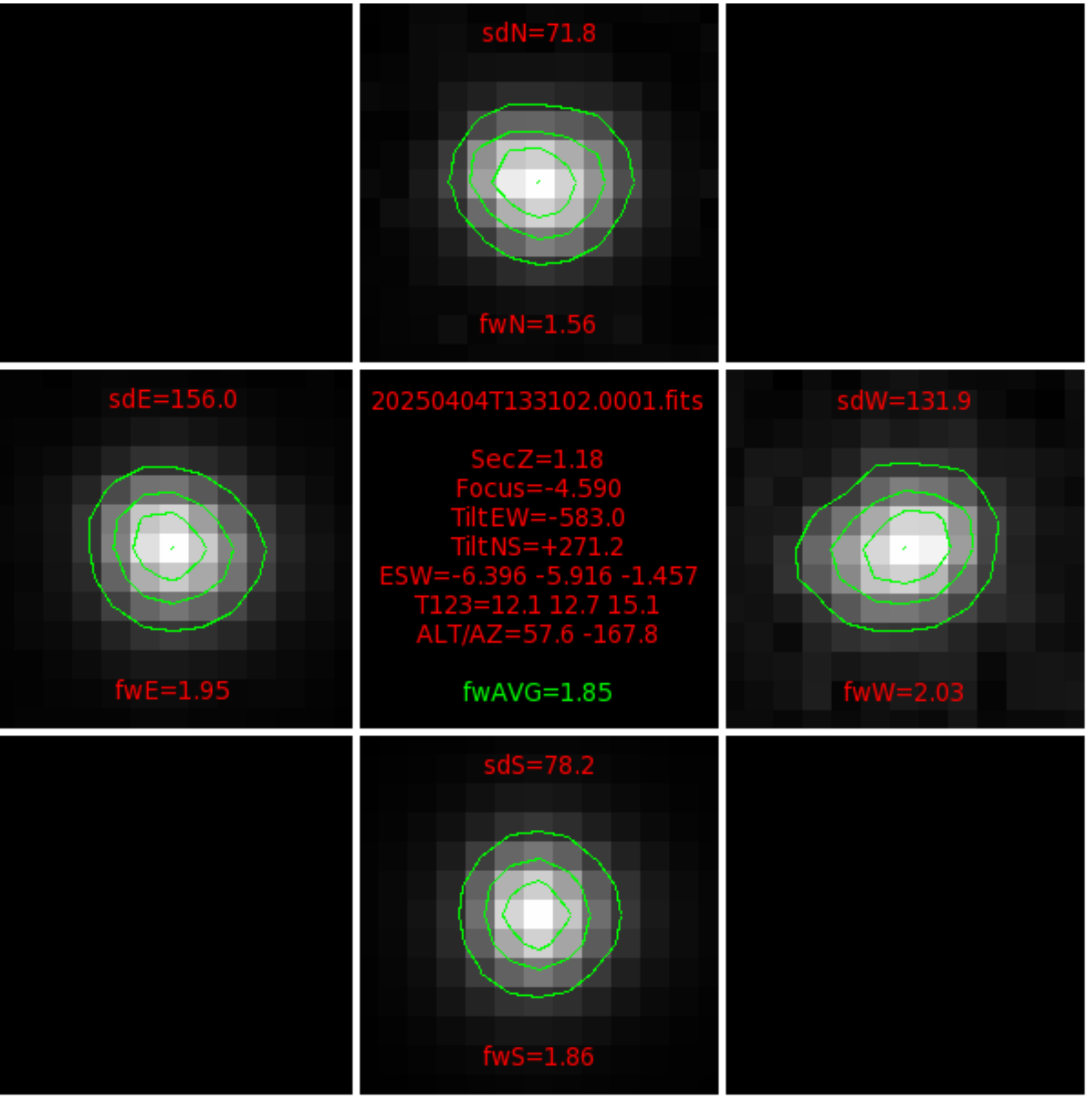
sdN=71.8
fwN=1.56
sdE=156.0
fwE=1.95
20250404T133102.0001.fits
SecZ=1.18
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.7 15.1
ALT/AZ=57.6 -167.8
fwAVG=1.85
sdW=131.9
fwW=2.03
sdS=78.2
fwS=1.86
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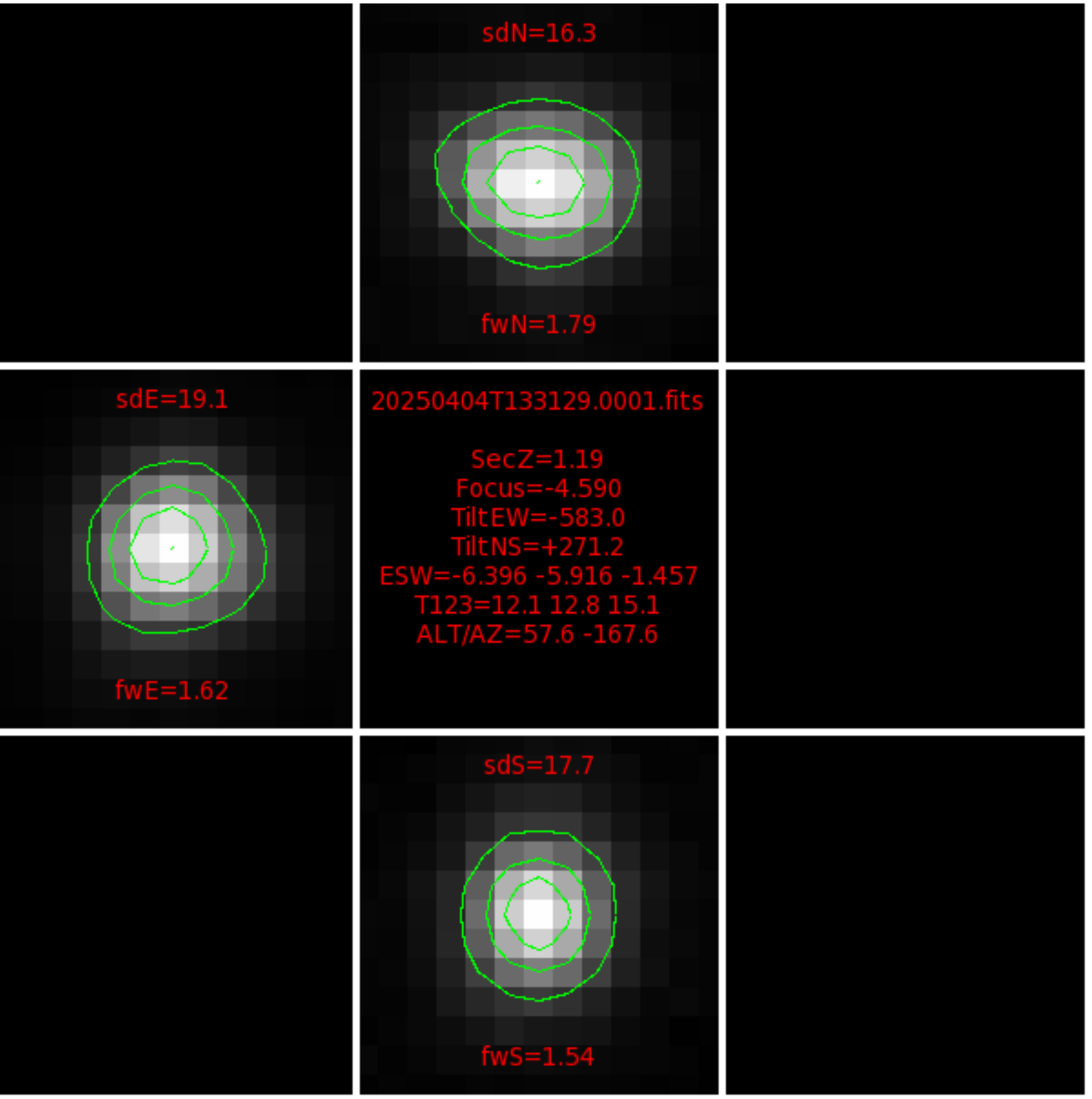
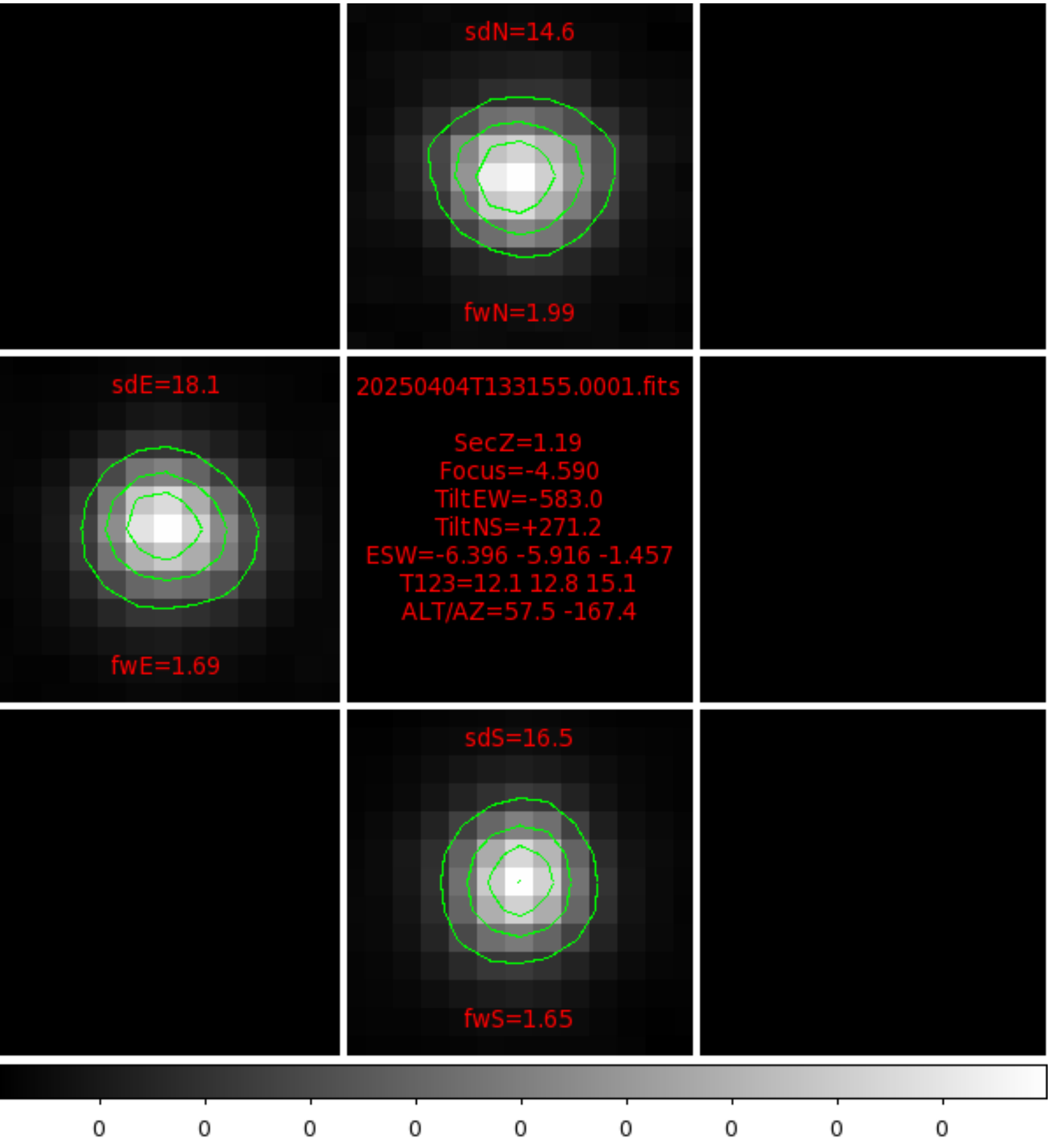
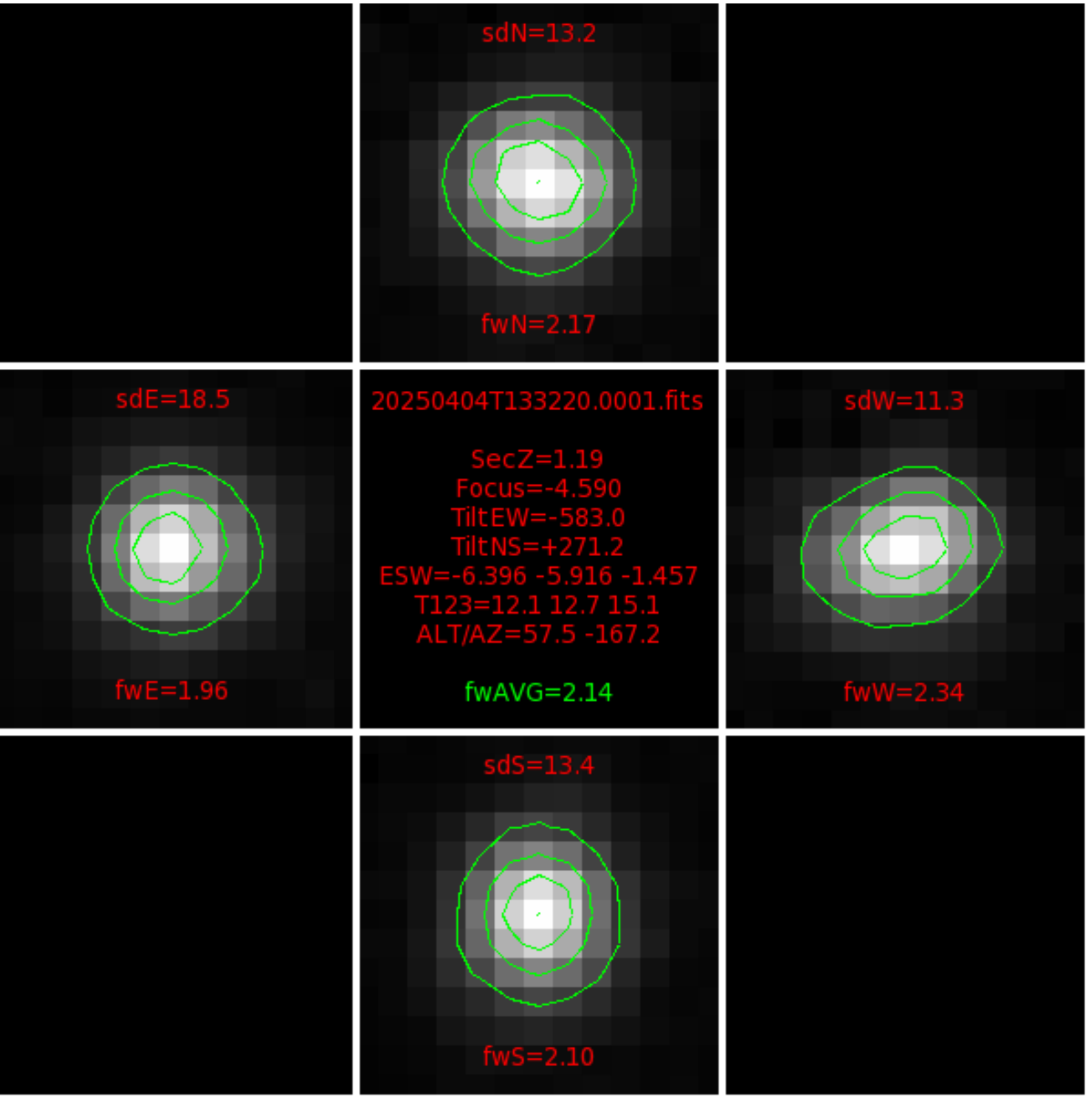

sdN=16.3
fwN=1.79
sdE=19.1
fwE=1.62
20250404T133129.0001.fits
SecZ=1.19
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.8 15.1
ALT/AZ=57.6 -167.6
sdS=17.7
fwS=1.54
0 0 0 0 0 0 0 0 0


sdN=14.6
fwN=1.99
sdE=18.1
fwE=1.69
20250404T133155.0001.fits
SecZ=1.19
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.8 15.1
ALT/AZ=57.5 -167.4
sdS=16.5
fwS=1.65
0 0 0 0 0 0 0 0 0


sdN=13.2
fwN=2.17
sdE=18.5
fwE=1.96
20250404T133220.0001.fits
SecZ=1.19
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.7 15.1
ALT/AZ=57.5 -167.2
fwAVG=2.14
sdW=11.3
fwW=2.34
sdS=13.4
fwS=2.10
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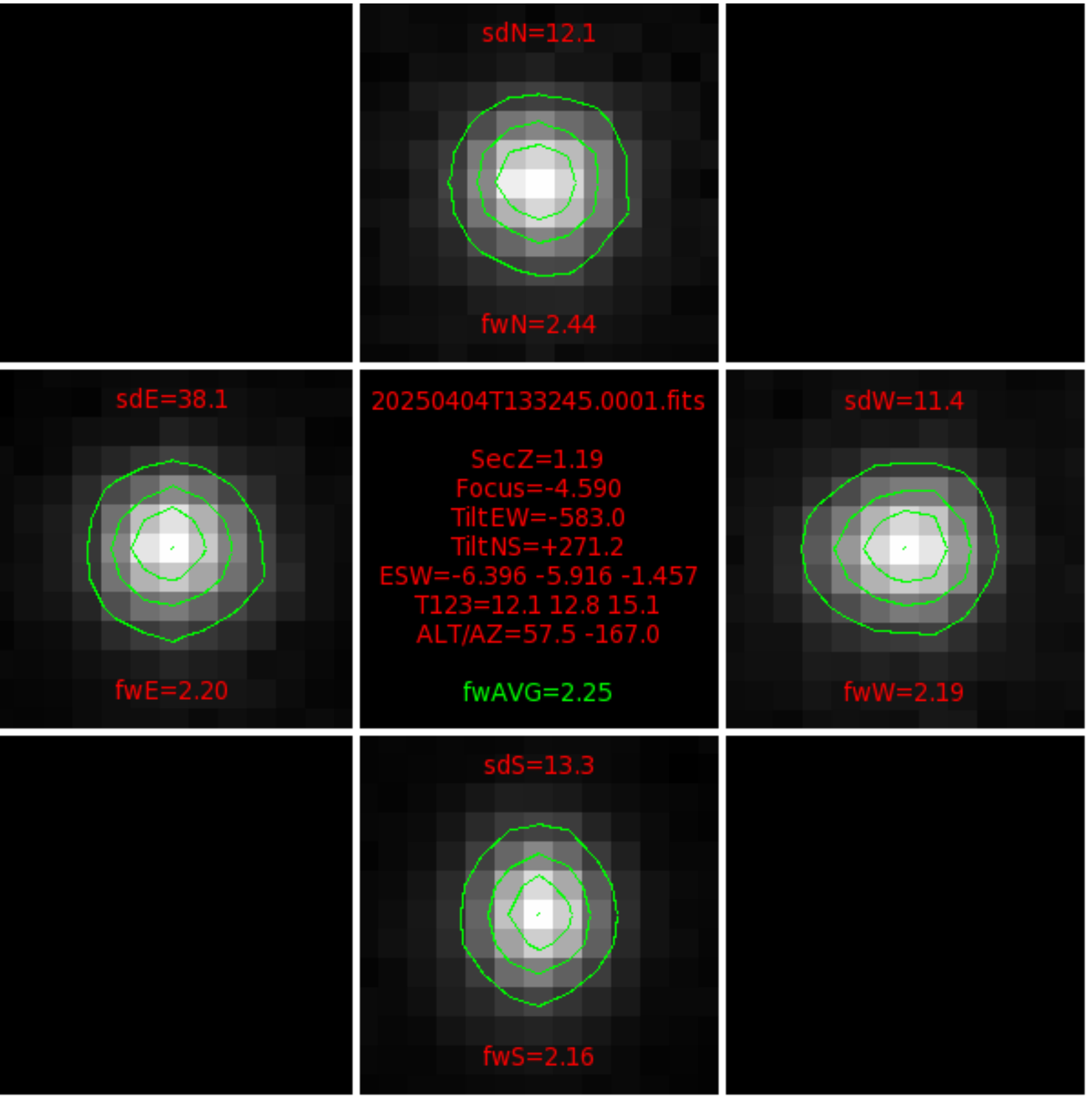
sdN=12.1
fwN=2.44
sdE=38.1
fwE=2.20
20250404T133245.0001.fits
SecZ=1.19
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.1 12.8 15.1
ALT/AZ=57.5 -167.0
fwAVG=2.25
sdW=11.4
fwW=2.19
sdS=13.3
fwS=2.16
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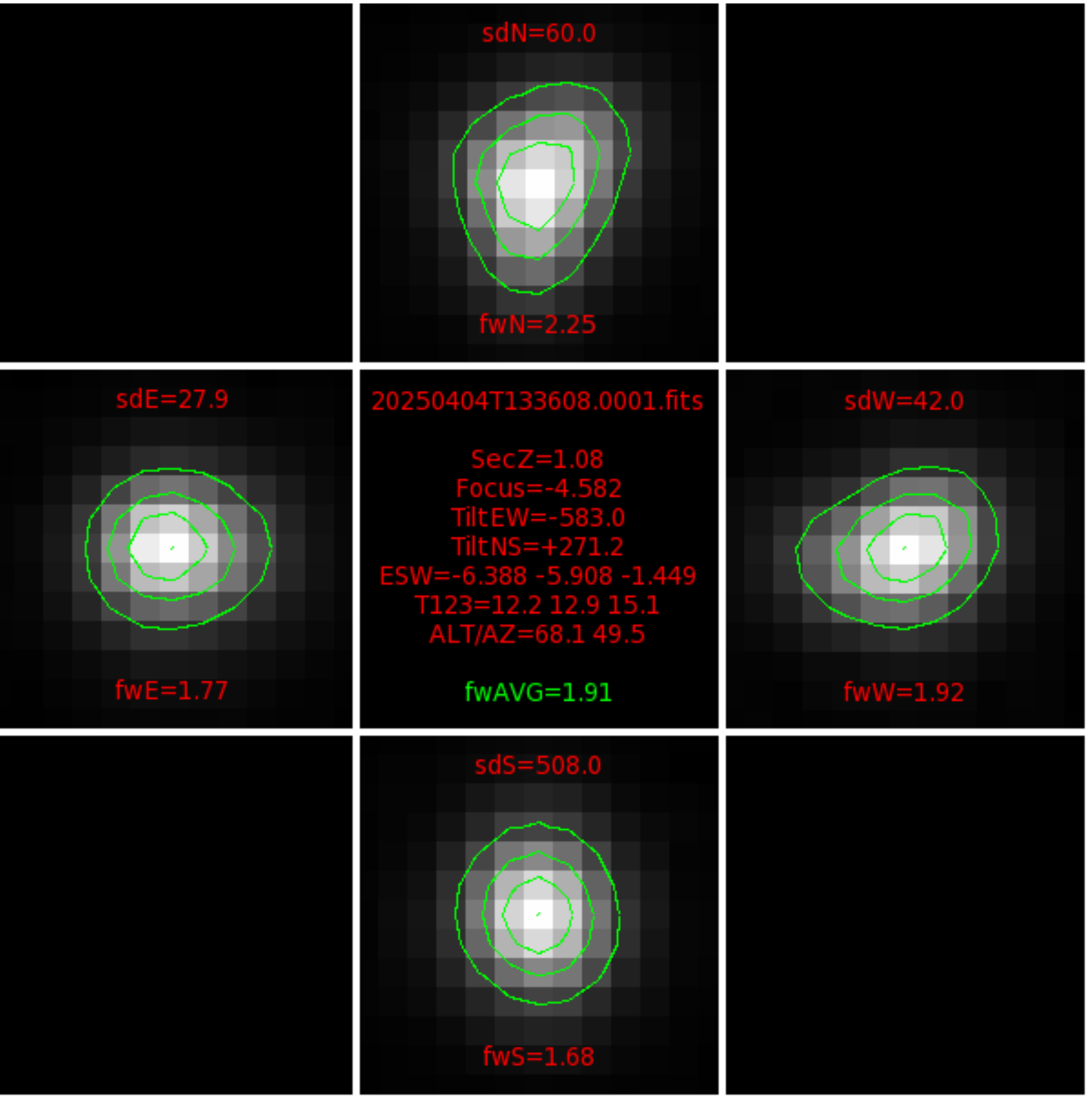
sdN=60.0
fwN=2.25
sdE=27.9
fwE=1.77
20250404T133608.0001.fits
SecZ=1.08
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 12.9 15.1
ALT/AZ=68.1 49.5
fwAVG=1.91
sdW=42.0
fwW=1.92
sdS=508.0
fwS=1.68
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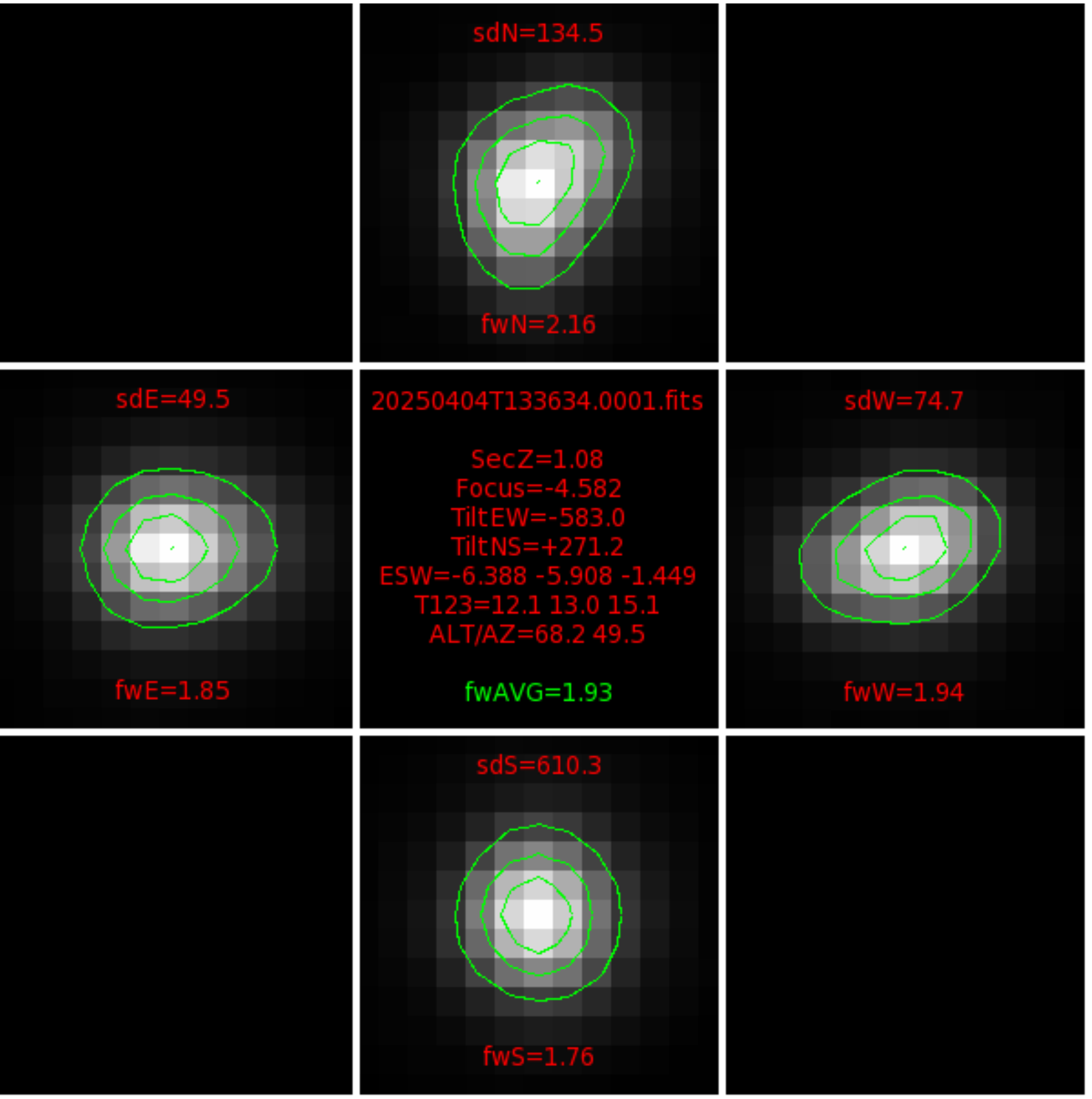
sdN=134.5
fwN=2.16
sdE=49.5
fwE=1.85
20250404T133634.0001.fits
SecZ=1.08
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 13.0 15.1
ALT/AZ=68.2 49.5
fwAVG=1.93
sdW=74.7
fwW=1.94
sdS=610.3
fwS=1.76
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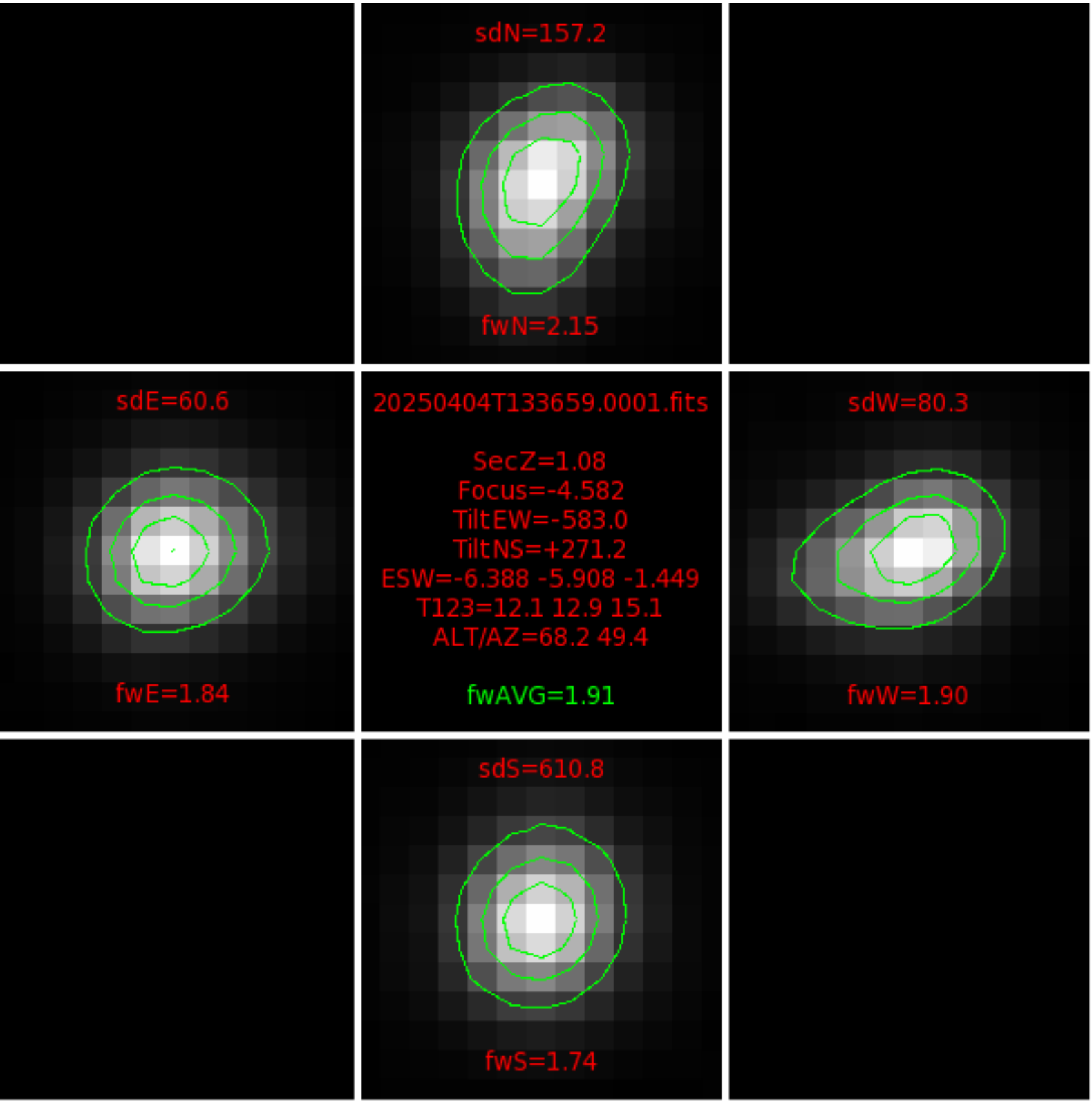
sdN=157.2
fwN=2.15
sdE=60.6
fwE=1.84
20250404T133659.0001.fits
SecZ=1.08
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.9 15.1
ALT/AZ=68.2 49.4
fwAVG=1.91
sdW=80.3
fwW=1.90
sdS=610.8
fwS=1.74
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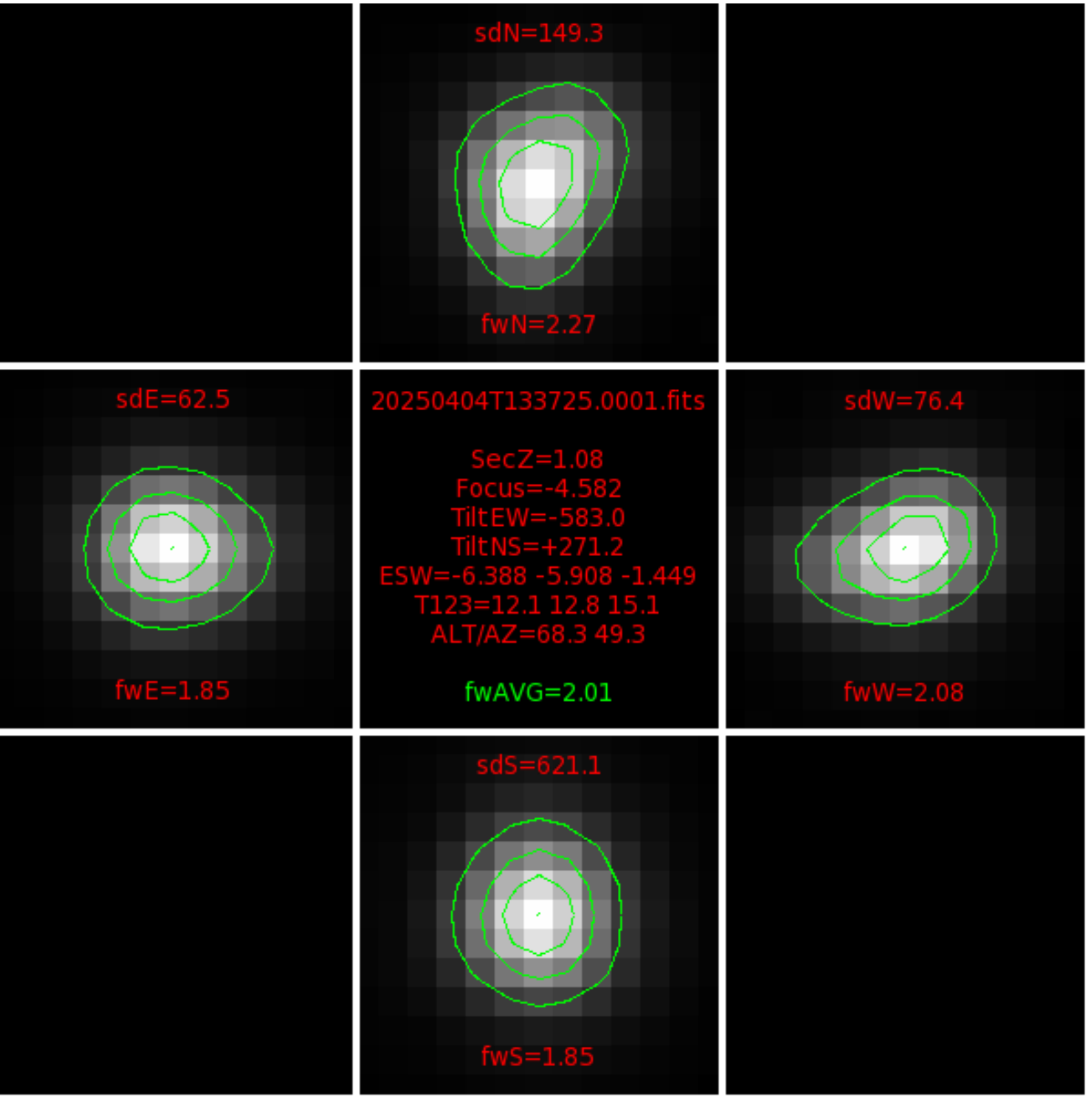
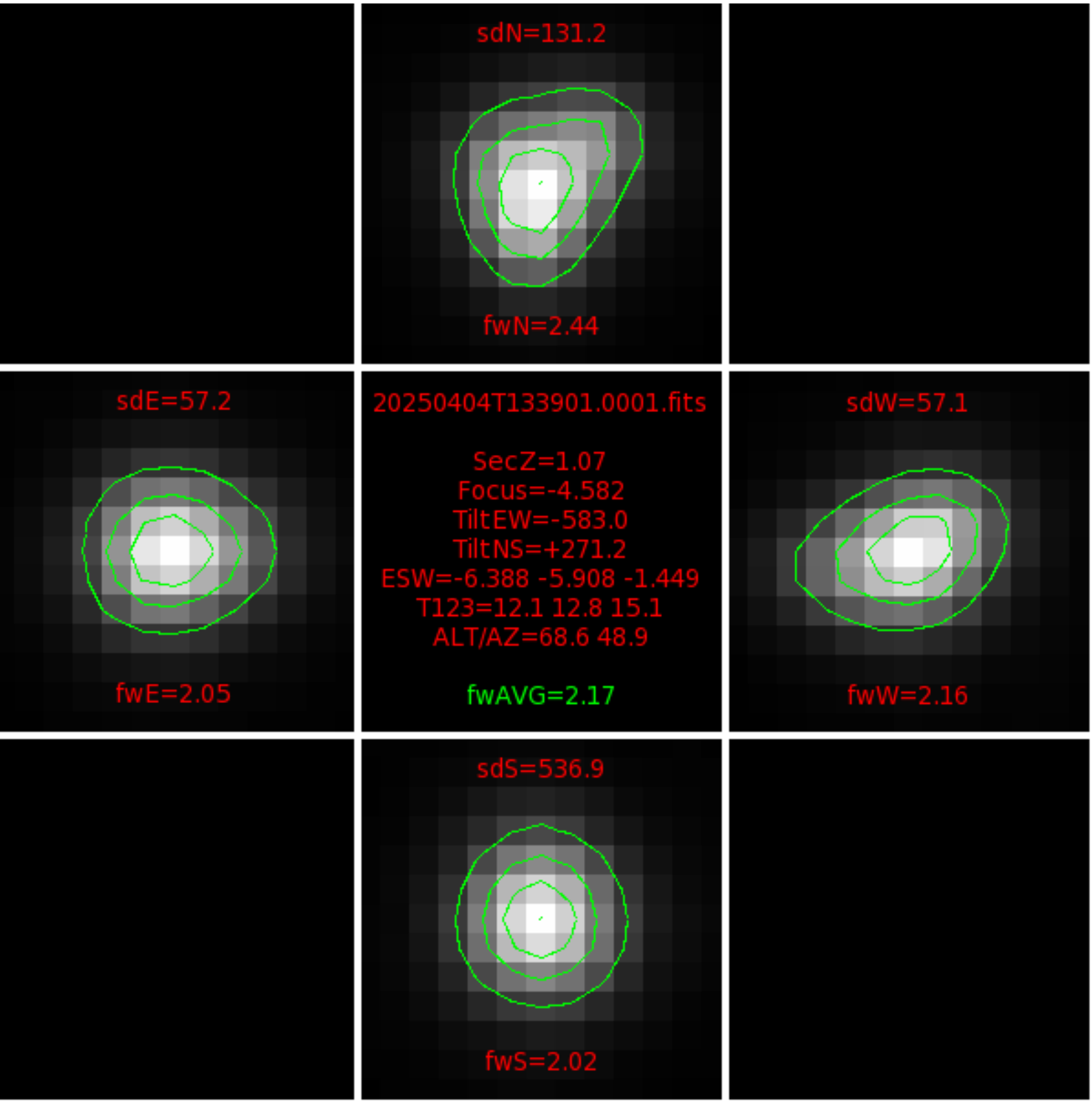

sdN=149.3
fwN=2.27
sdE=62.5
fwE=1.85
20250404T133725.0001.fits
SecZ=1.08
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.8 15.1
ALT/AZ=68.3 49.3
fwAVG=2.01
sdW=76.4
fwW=2.08
sdS=621.1
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=131.2
fwN=2.44
sdE=57.2
fwE=2.05
20250404T133901.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.8 15.1
ALT/AZ=68.6 48.9
fwAVG=2.17
sdW=57.1
fwW=2.16
sdS=536.9
fwS=2.02
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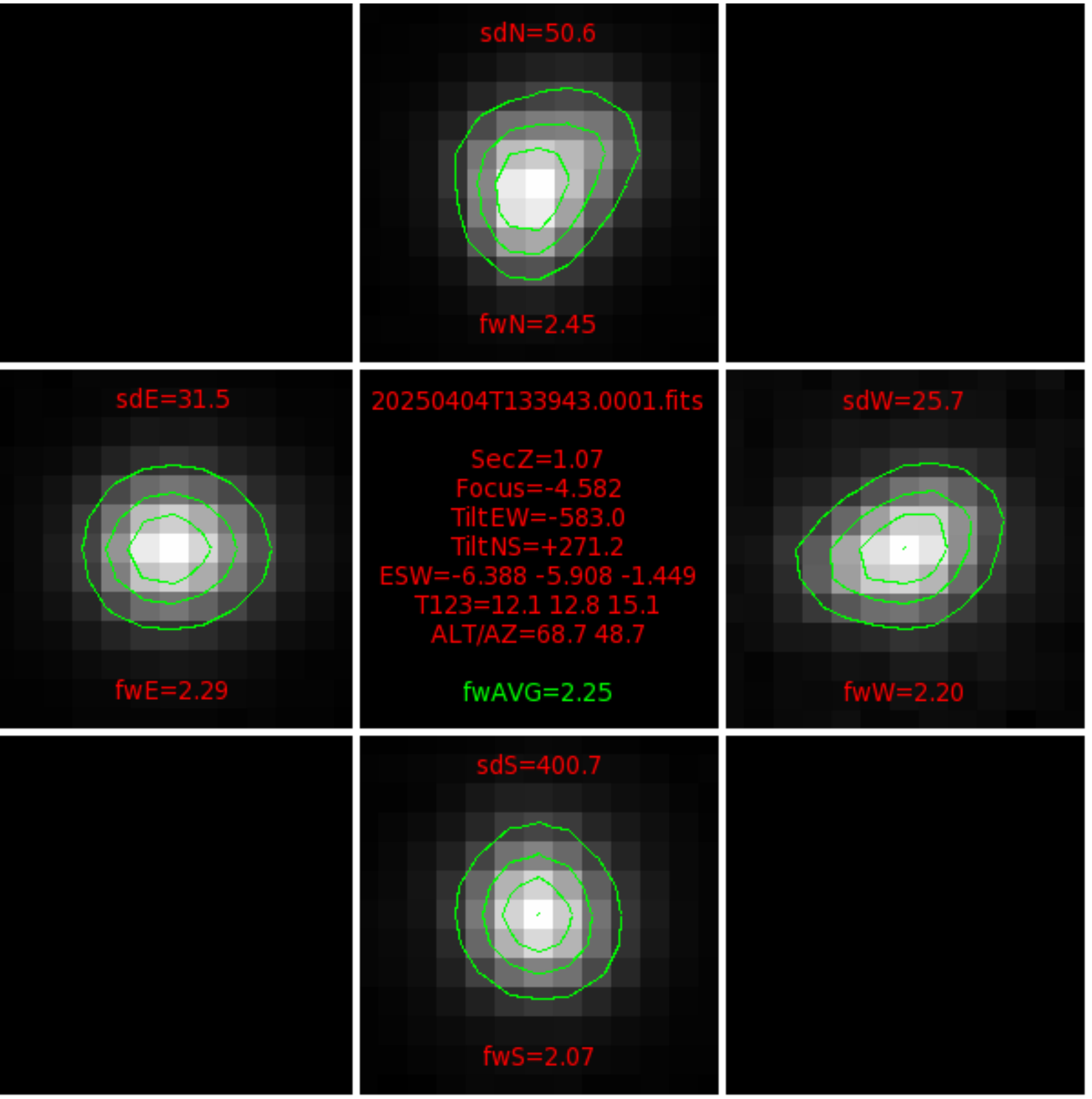
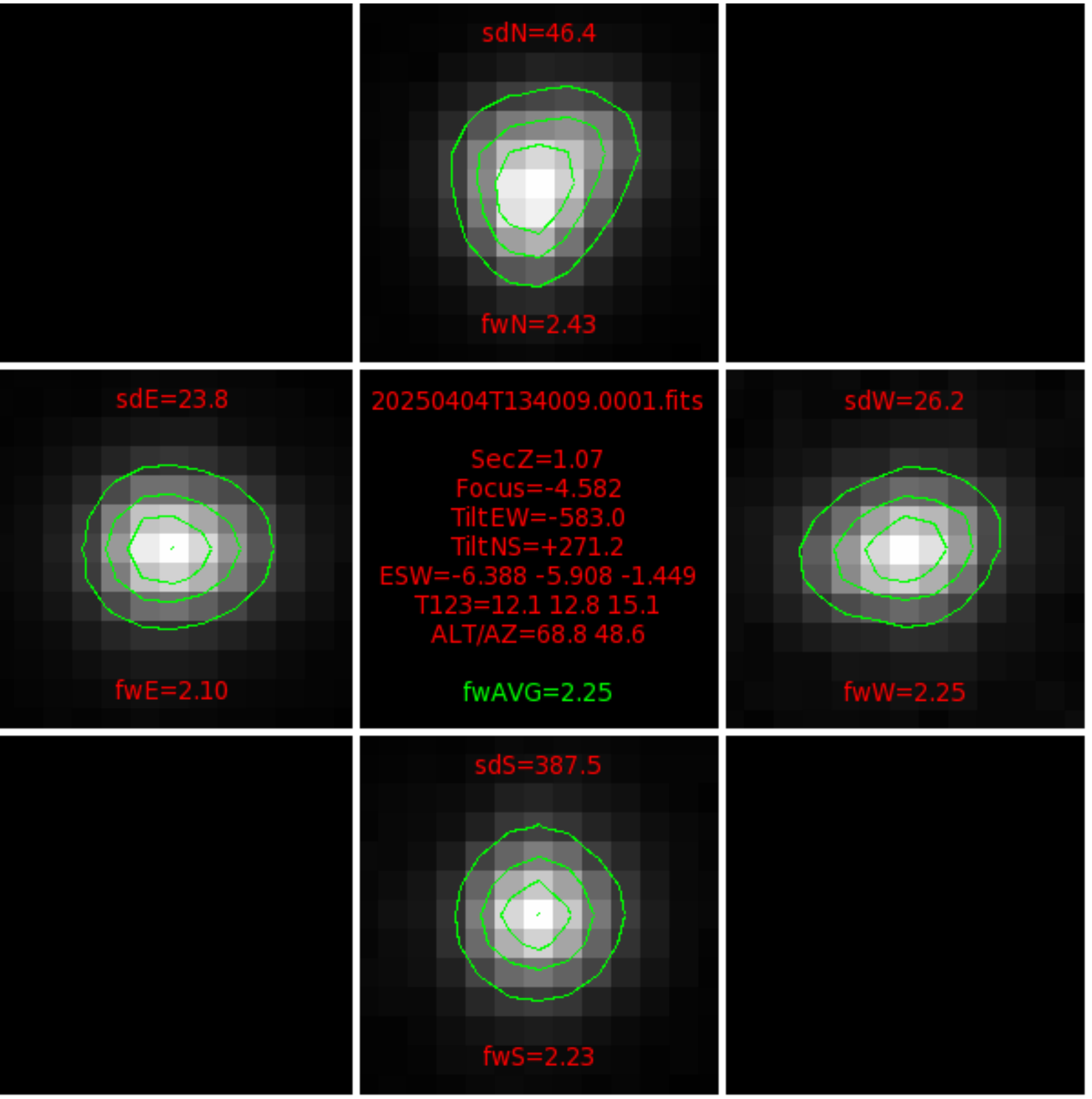

sdN=50.6
fwN=2.45
sdE=31.5
fwE=2.29
20250404T133943.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.8 15.1
ALT/AZ=68.7 48.7
fwAVG=2.25
sdW=25.7
fwW=2.20
sdS=400.7
fwS=2.07
0 0 0 0 0 0 0 0 0


sdN=46.4
fwN=2.43
sdE=23.8
fwE=2.10
20250404T134009.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.8 15.1
ALT/AZ=68.8 48.6
fwAVG=2.25
sdW=26.2
fwW=2.25
sdS=387.5
fwS=2.23
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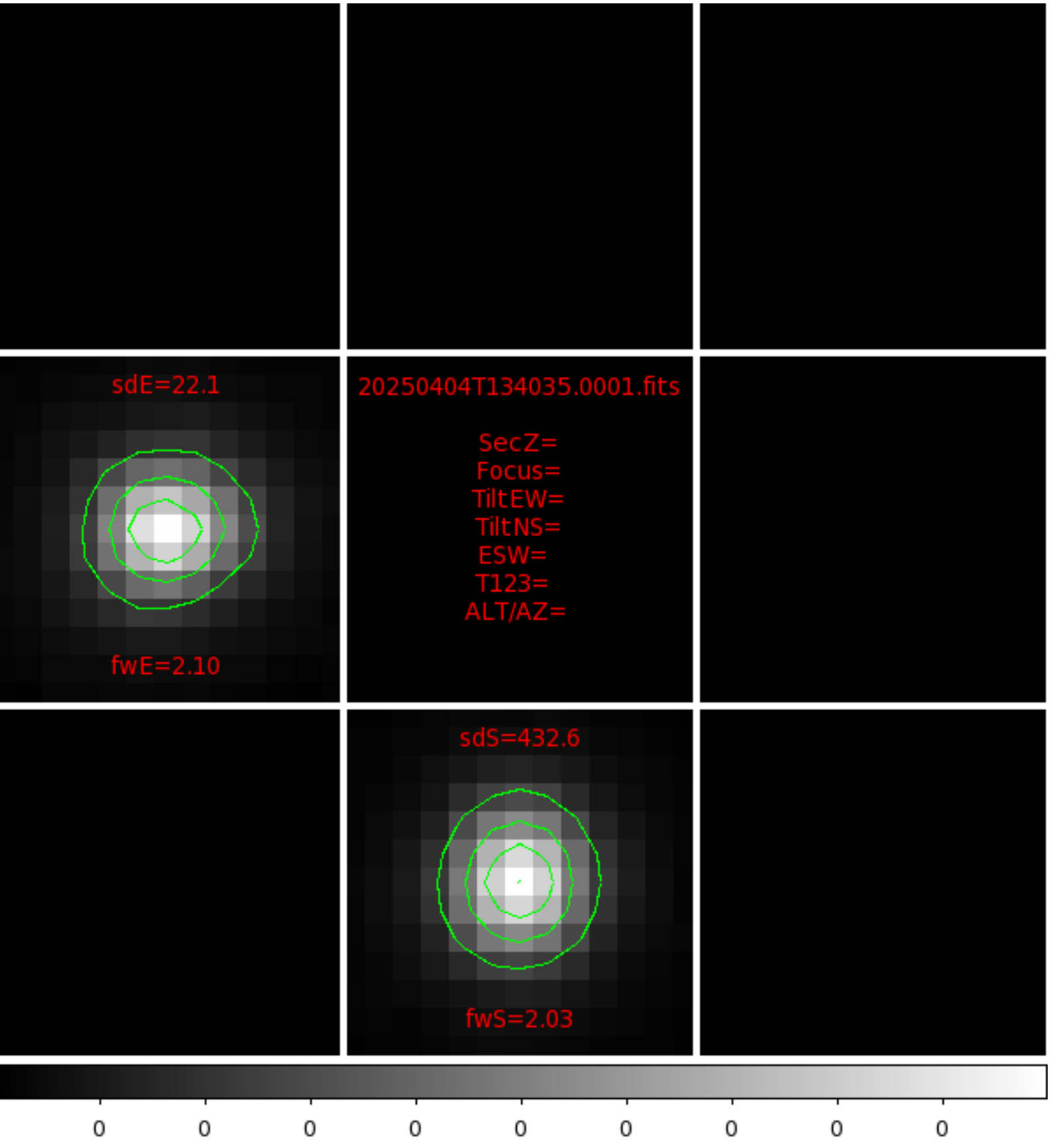
sdE=22.1
20250404T134035.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=2.10
sdS=432.6
fwS=2.03
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0
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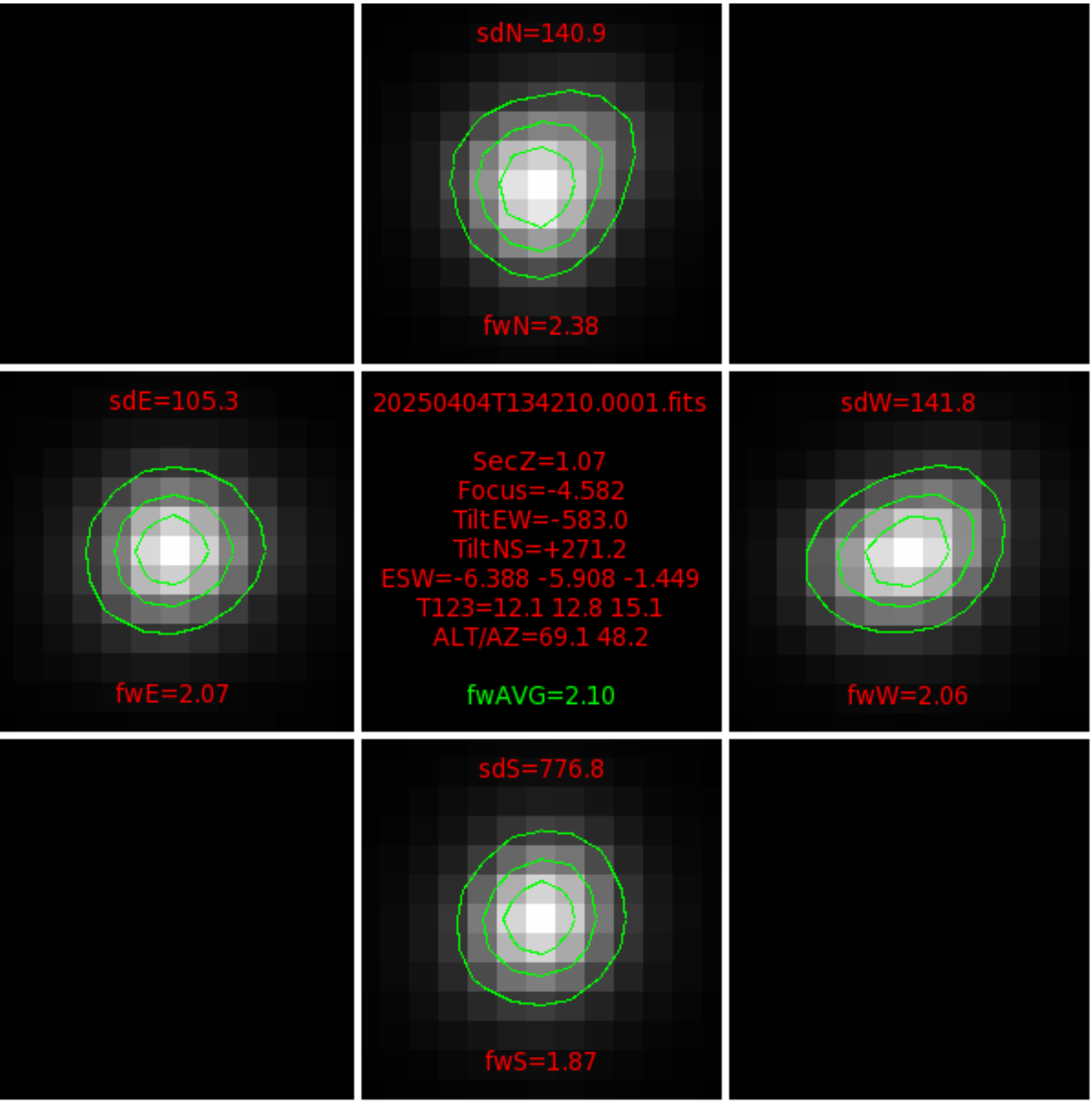
sdN=140.9
fwN=2.38
sdE=105.3
fwE=2.07
20250404T134210.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.8 15.1
ALT/AZ=69.1 48.2
fwAVG=2.10
sdW=141.8
fwW=2.06
sdS=776.8
fwS=1.87
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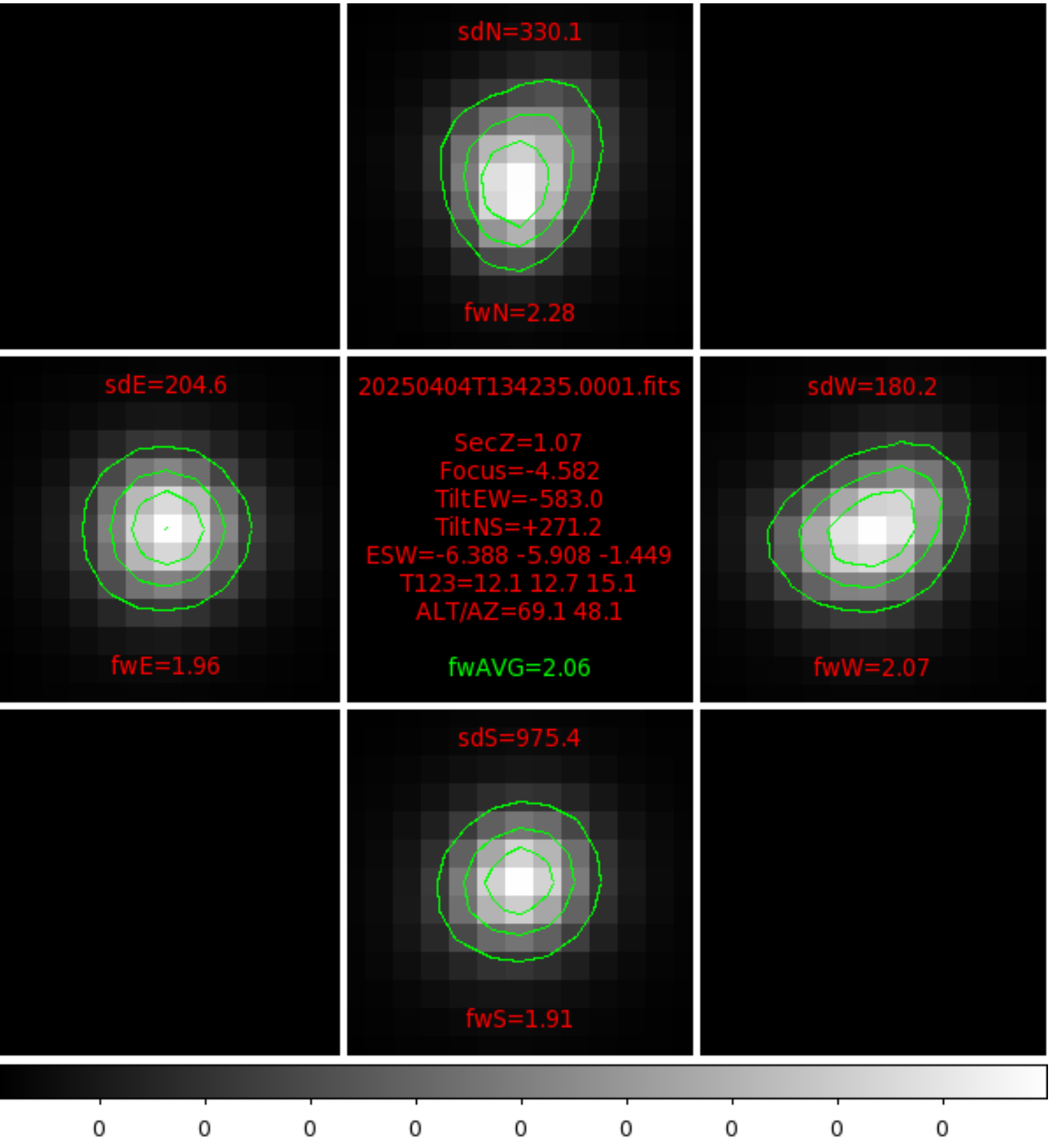
sdN=330.1
fwN=2.28
sdE=204.6
fwE=1.96
20250404T134235.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.7 15.1
ALT/AZ=69.1 48.1
fwAVG=2.06
sdW=180.2
fwW=2.07
sdS=975.4
fwS=1.91
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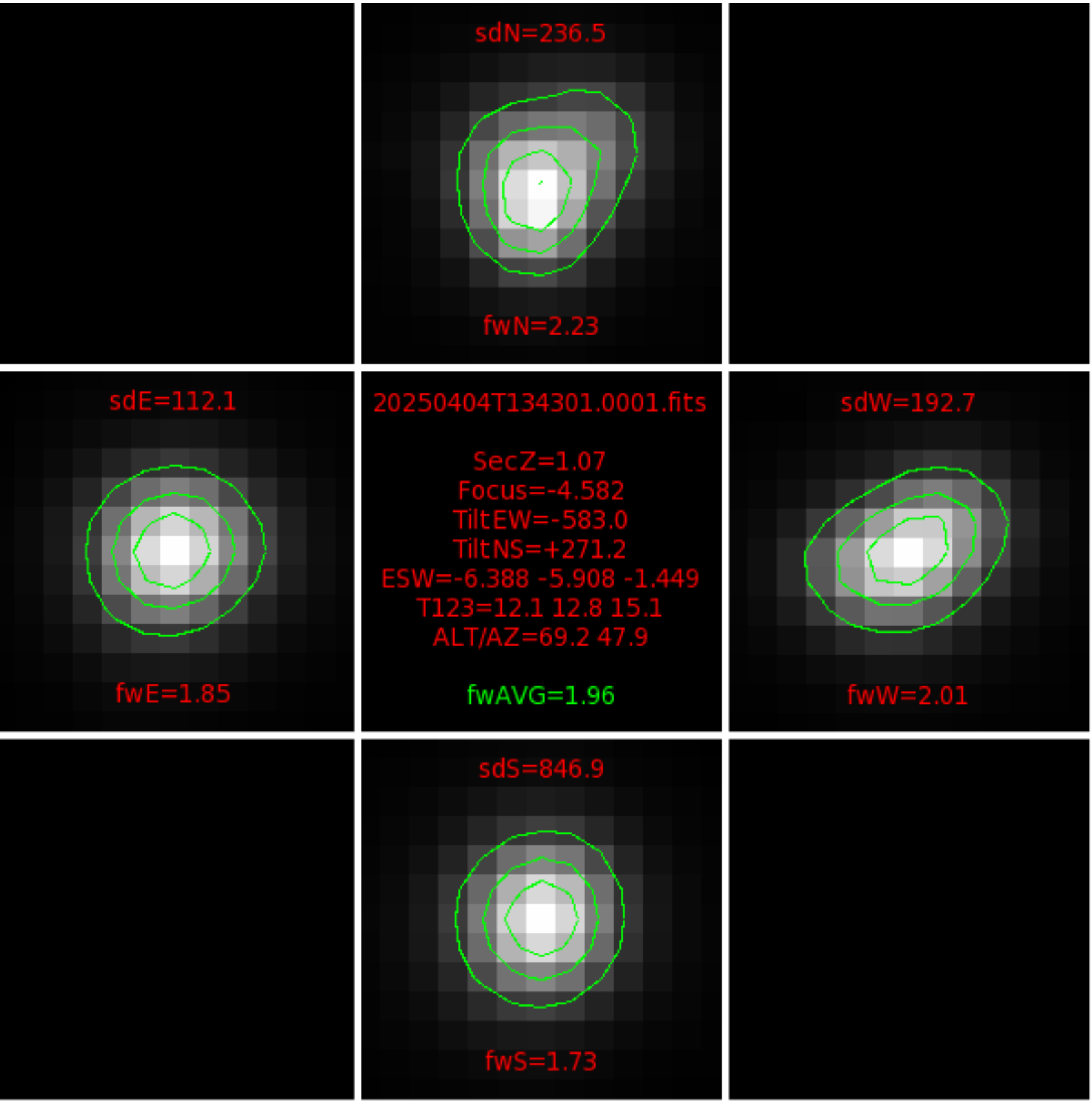
sdN=236.5
fwN=2.23
sdE=112.1
fwE=1.85
20250404T134301.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.8 15.1
ALT/AZ=69.2 47.9
fwAVG=1.96
sdW=192.7
fwW=2.01
sdS=846.9
fwS=1.73
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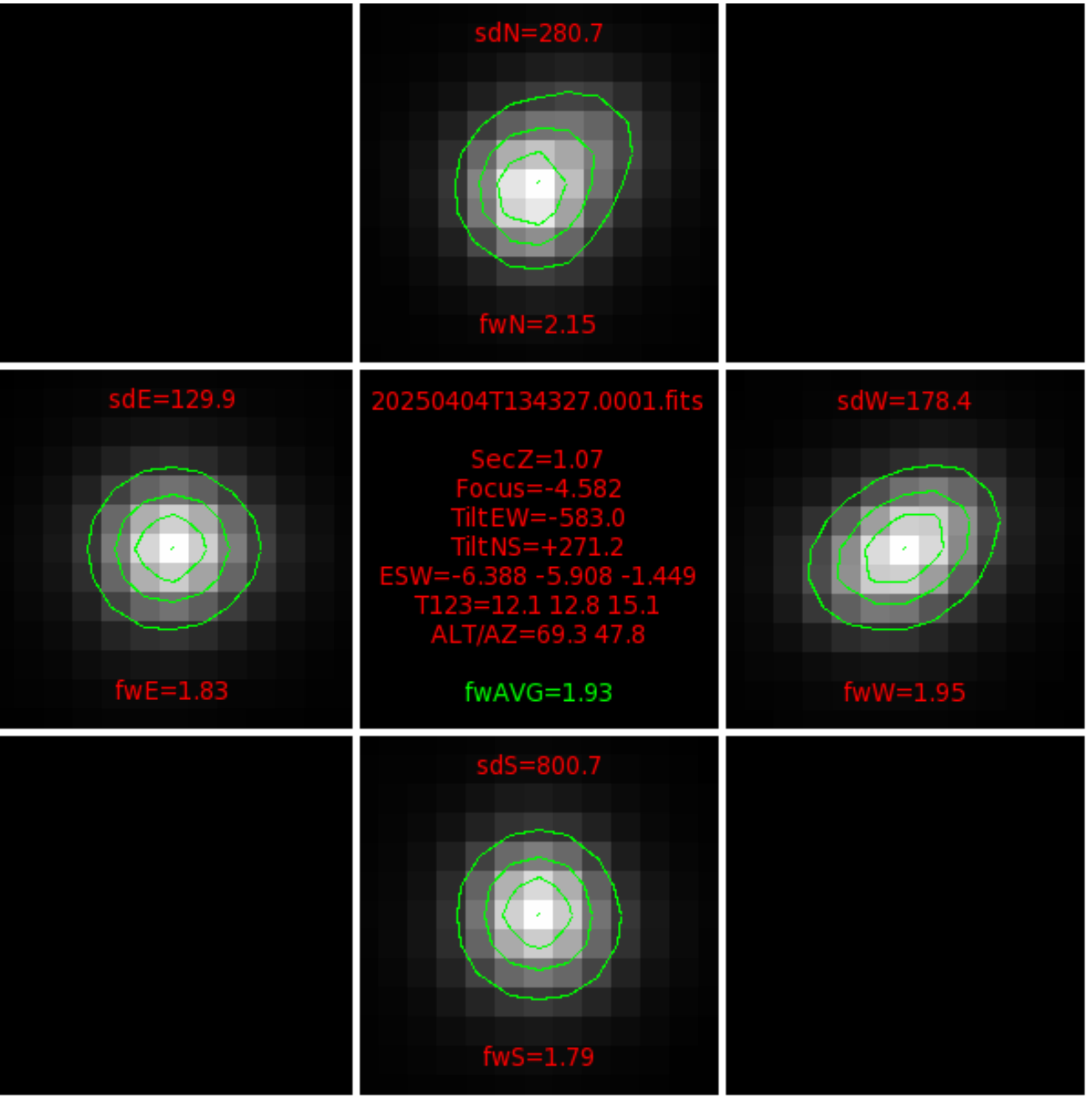
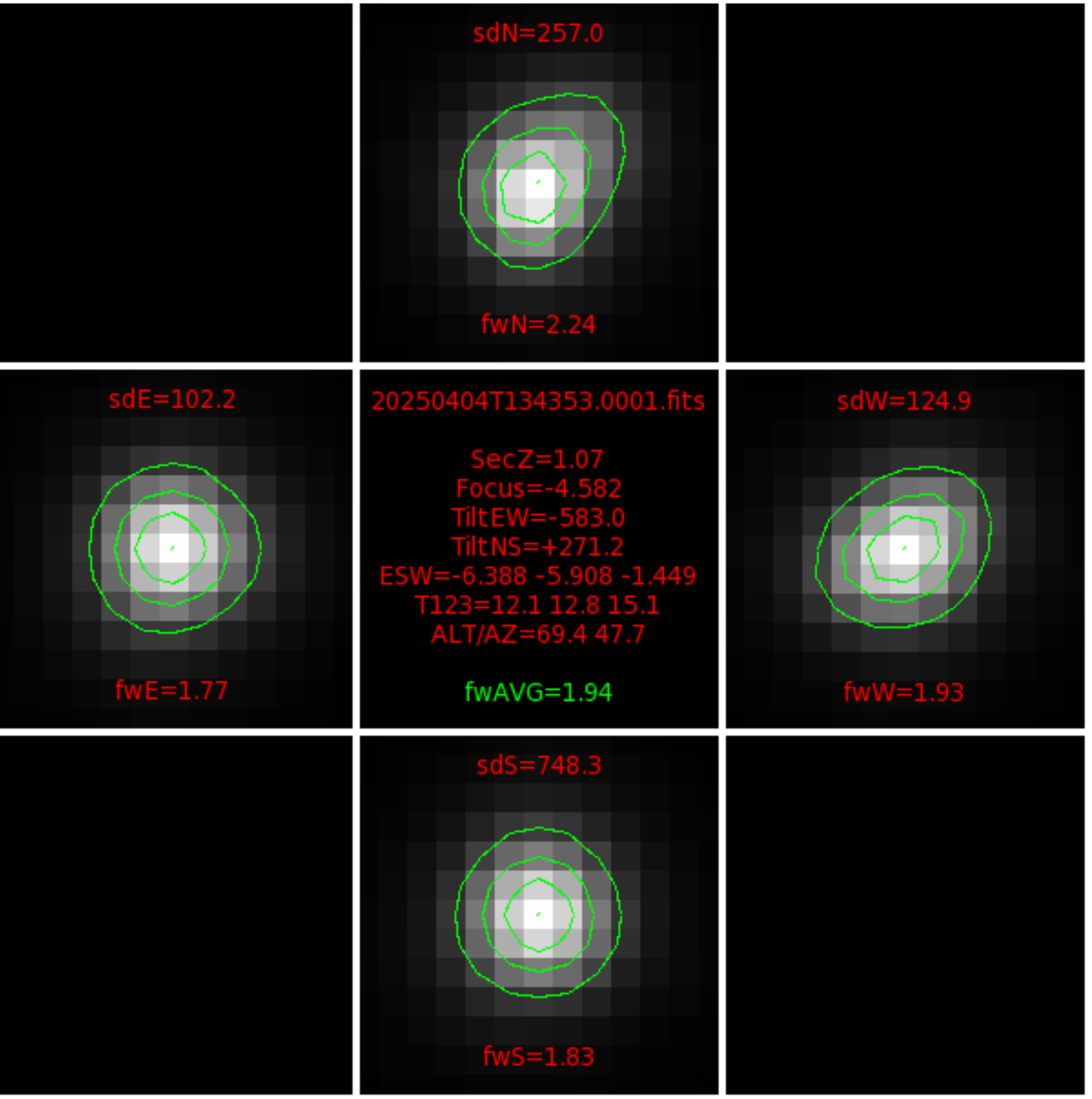
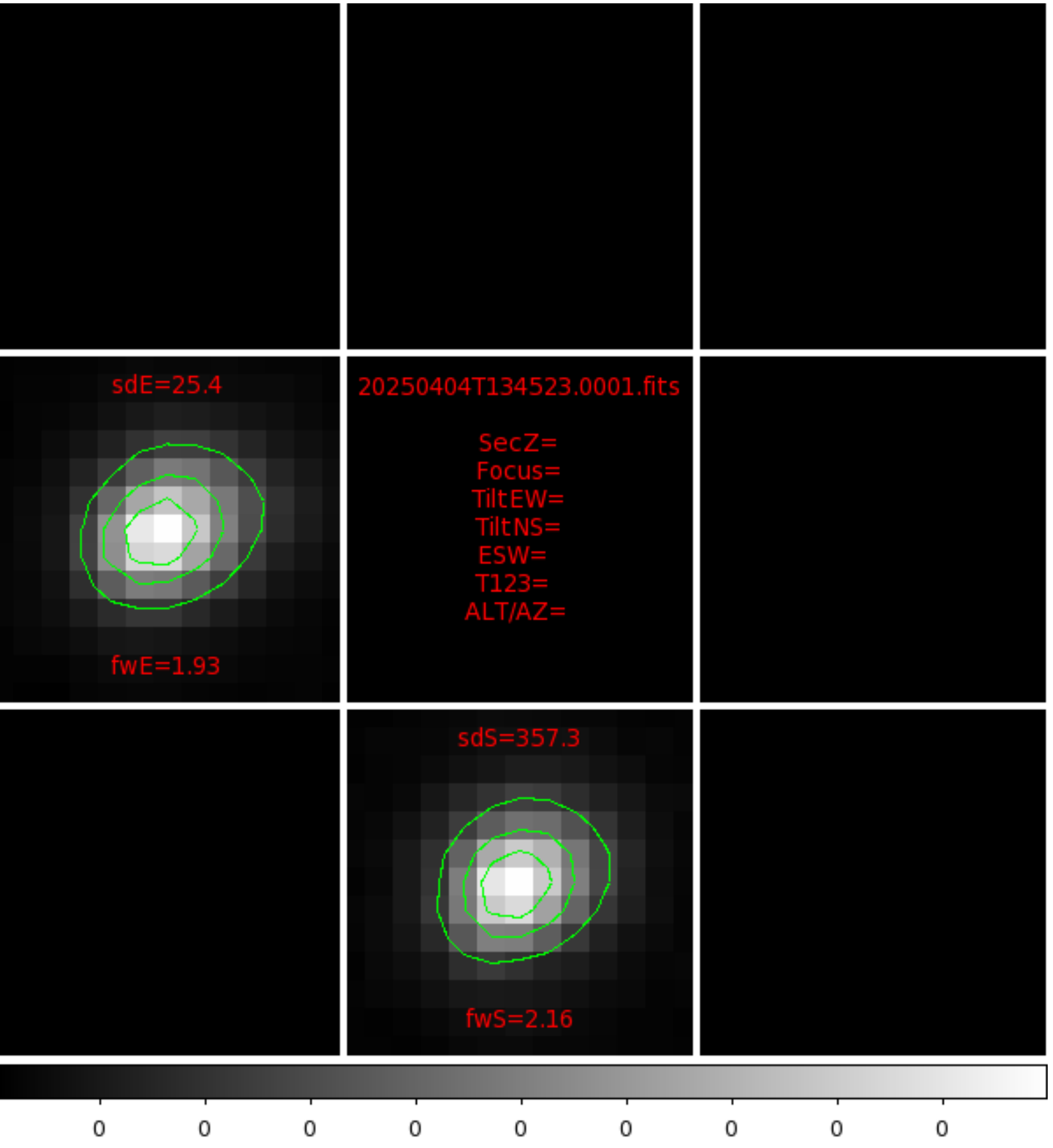
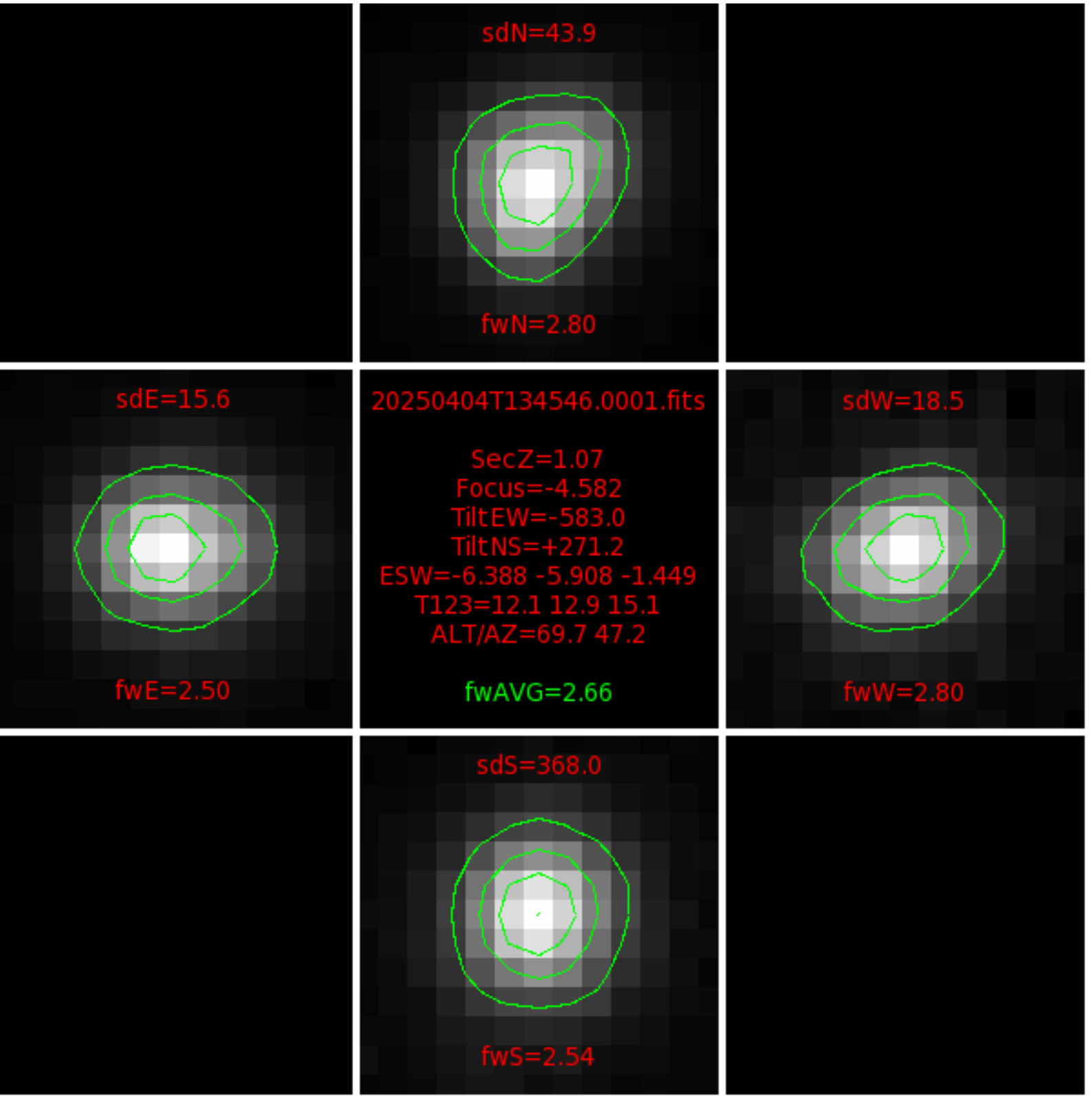
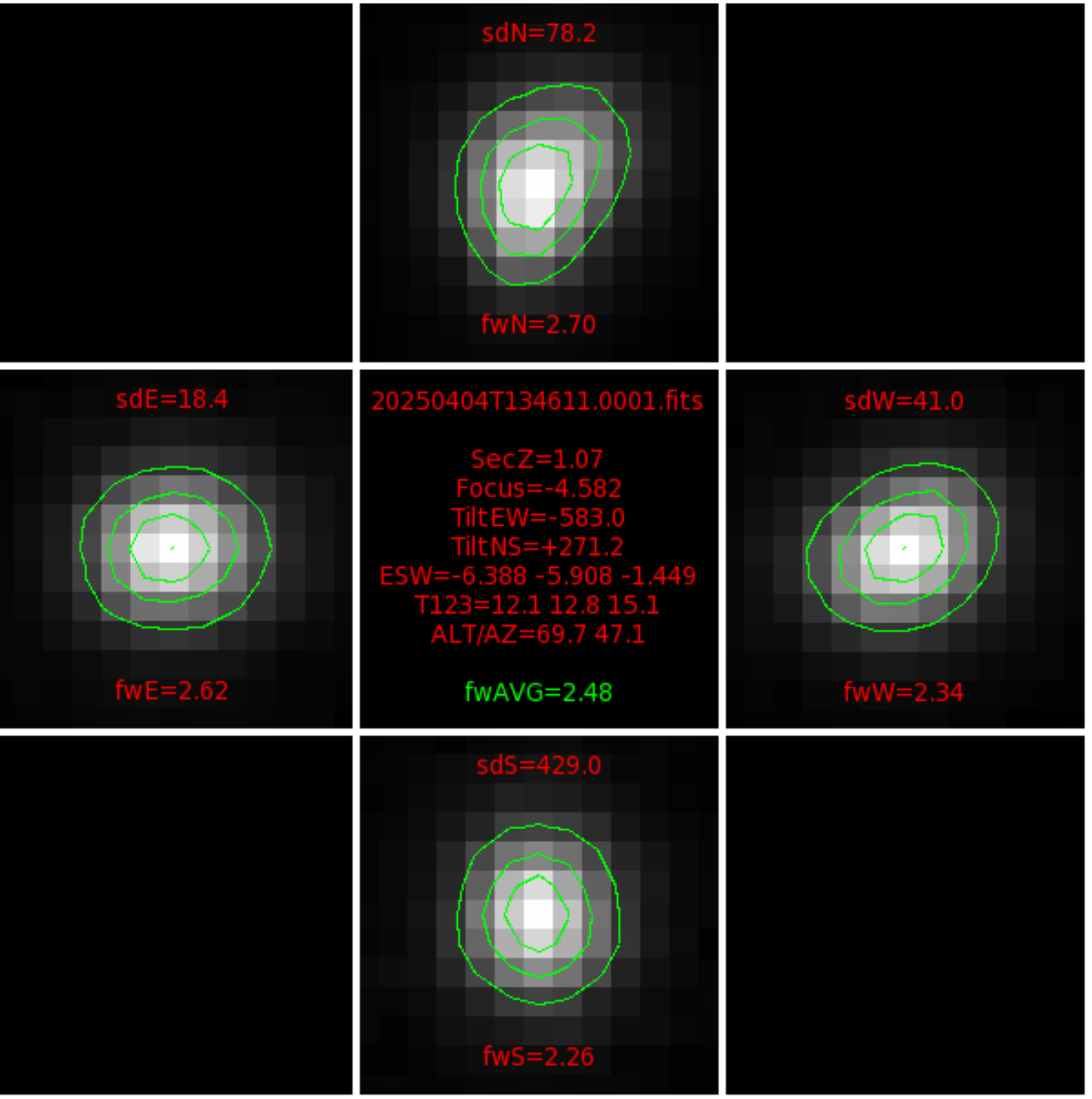
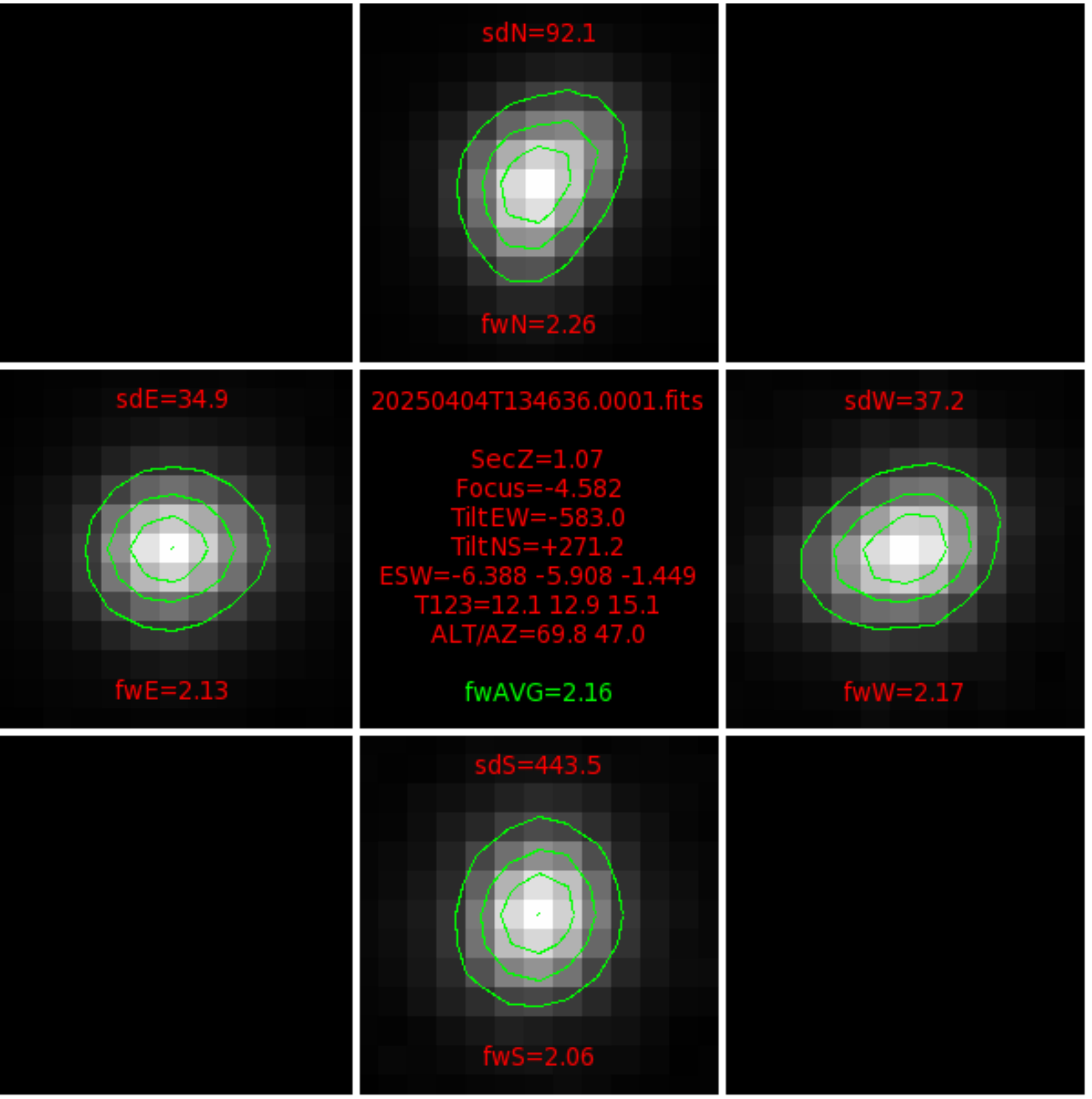

sdN=280.7
fwN=2.15
sdE=129.9
fwE=1.83
20250404T134327.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.8 15.1
ALT/AZ=69.3 47.8
fwAVG=1.93
sdW=178.4
fwW=1.95
sdS=800.7
fwS=1.79
0 0 0 0 0 0 0 0 0

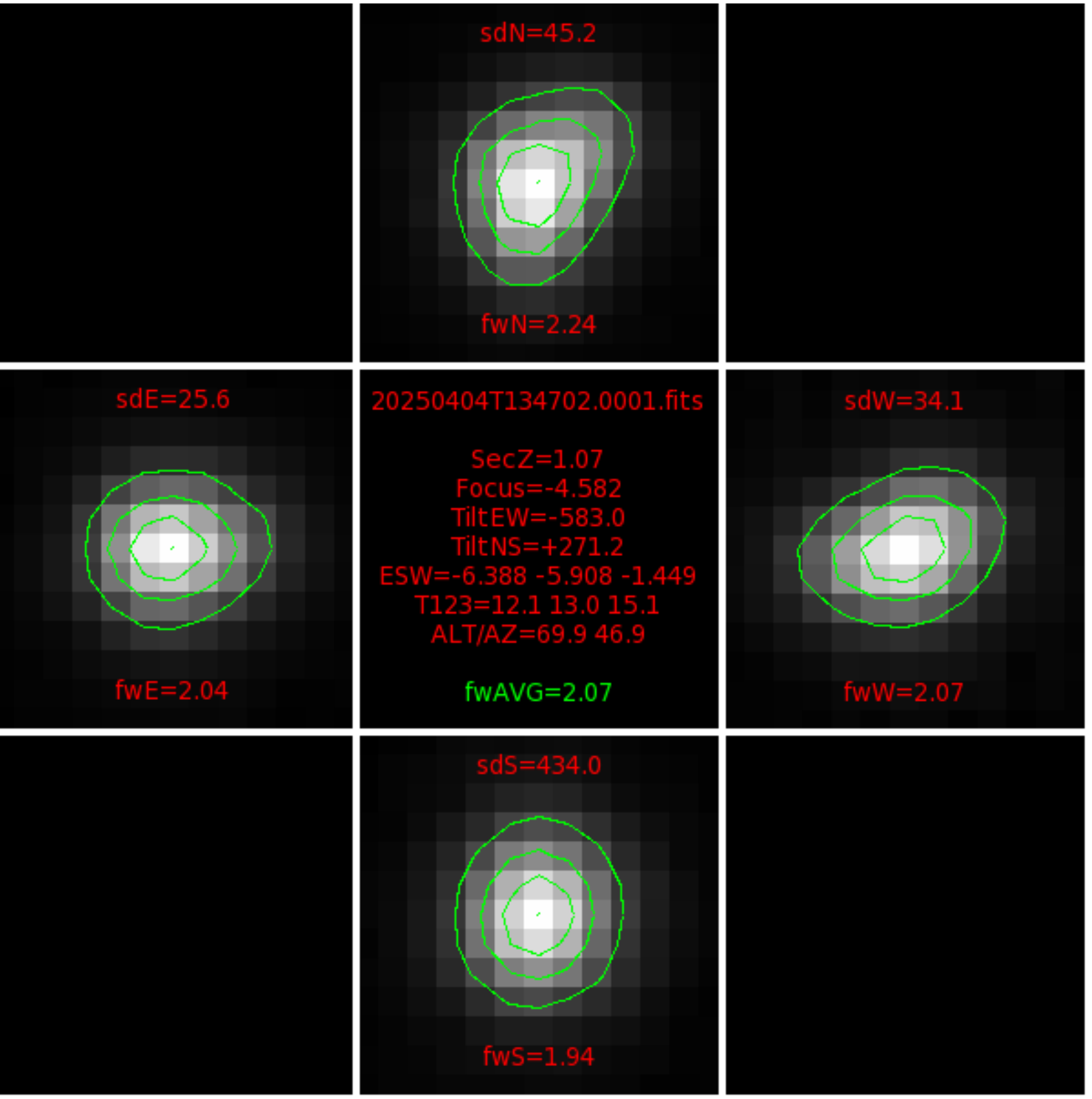

sdN=257.0
fwN=2.24
sdE=102.2
fwE=1.77
20250404T134353.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.8 15.1
ALT/AZ=69.4 47.7
fwAVG=1.94
sdW=124.9
fwW=1.93
sdS=748.3
fwS=1.83
0 0 0 0 0 0 0 0 0


sdE=25.4
20250404T134523.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=1.93
sdS=357.3
fwS=2.16
0
0
0
0
0
0
0
0
0


sdN=43.9
fwN=2.80
sdE=15.6
fwE=2.50
20250404T134546.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.9 15.1
ALT/AZ=69.7 47.2
fwAVG=2.66
sdW=18.5
fwW=2.80
sdS=368.0
fwS=2.54
0 0 0 0 0 0 0 0 0


sdN=78.2
fwN=2.70
sdE=18.4
fwE=2.62
20250404T134611.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.8 15.1
ALT/AZ=69.7 47.1
fwAVG=2.48
sdW=41.0
fwW=2.34
sdS=429.0
fwS=2.26
0 0 0 0 0 0 0 0 0


sdN=92.1
fwN=2.26
sdE=34.9
fwE=2.13
20250404T134636.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 12.9 15.1
ALT/AZ=69.8 47.0
fwAVG=2.16
sdW=37.2
fwW=2.17
sdS=443.5
fwS=2.06
0 0 0 0 0 0 0 0 0


sdN=45.2
fwN=2.24
sdE=25.6
fwE=2.04
20250404T134702.0001.fits
SecZ=1.07
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 13.0 15.1
ALT/AZ=69.9 46.9
fwAVG=2.07
sdW=34.1
fwW=2.07
sdS=434.0
fwS=1.94
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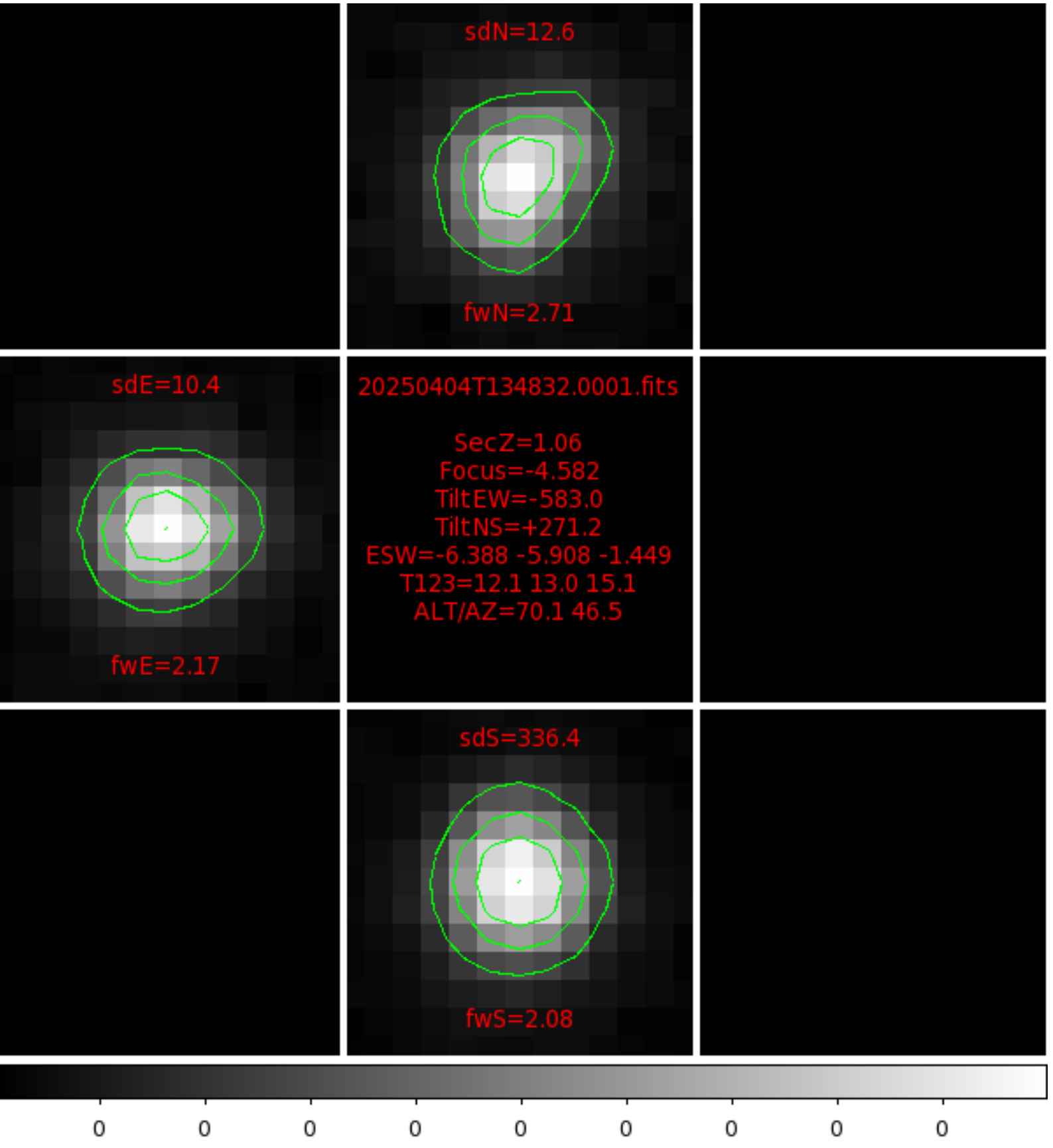
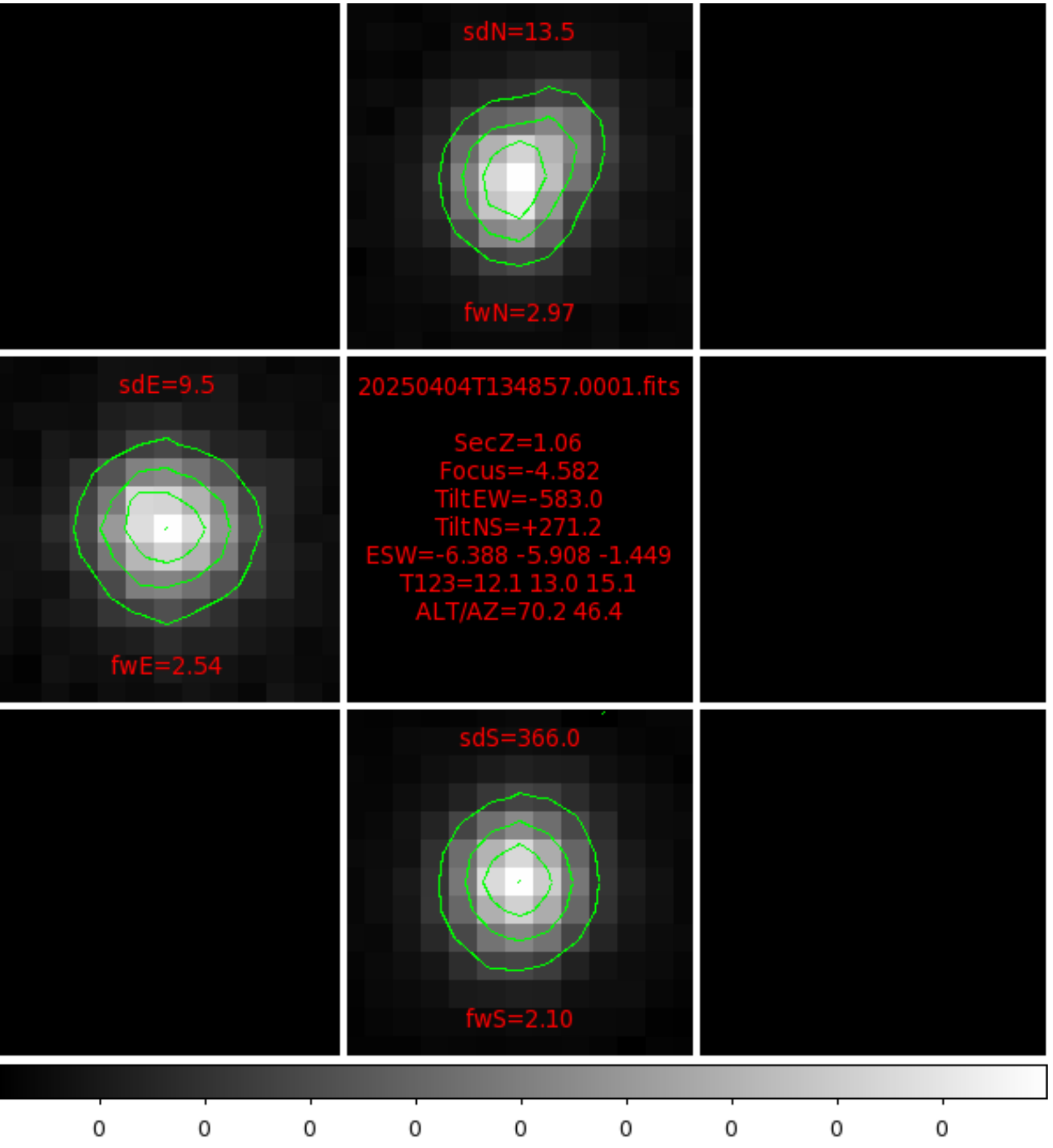
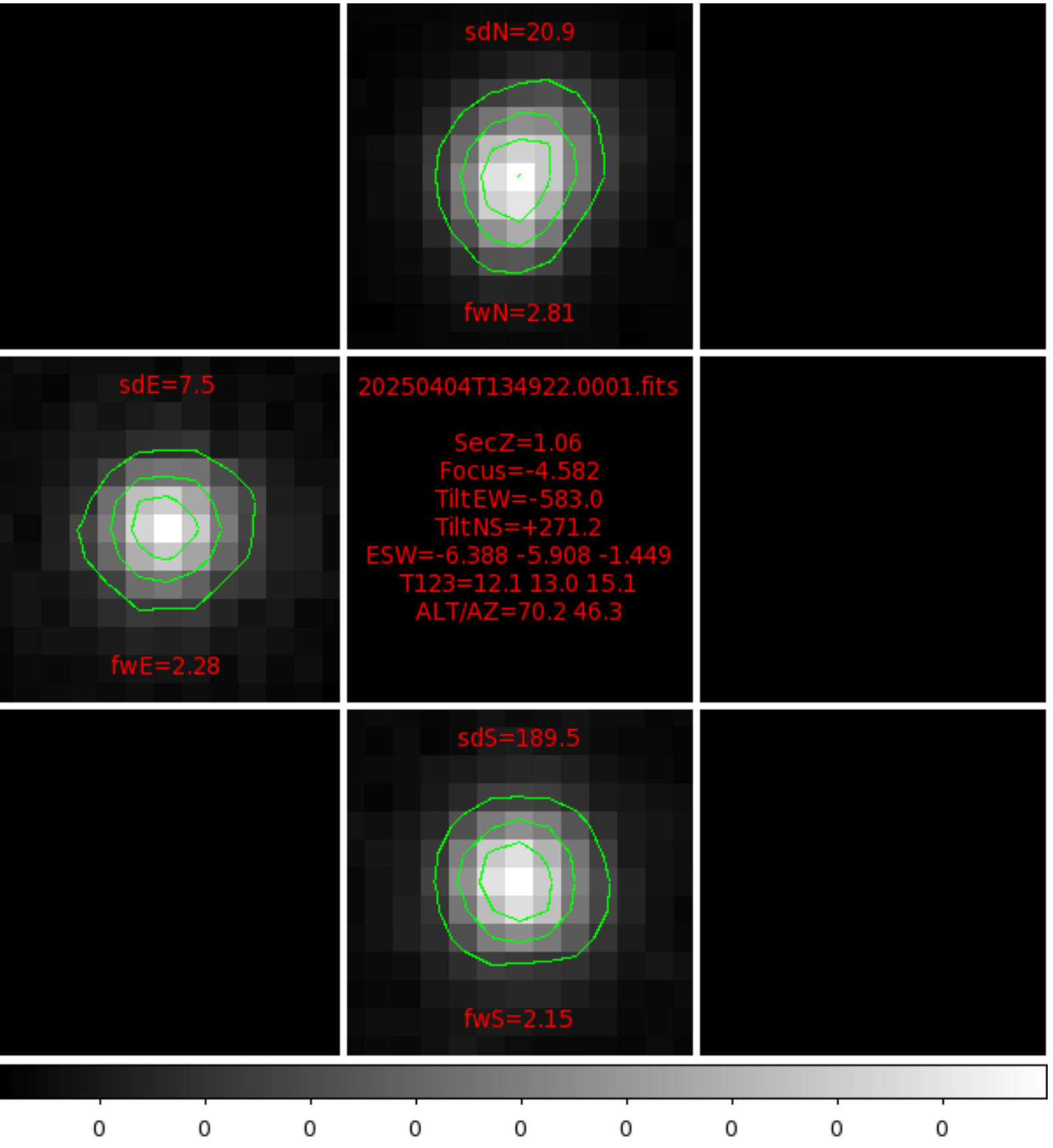
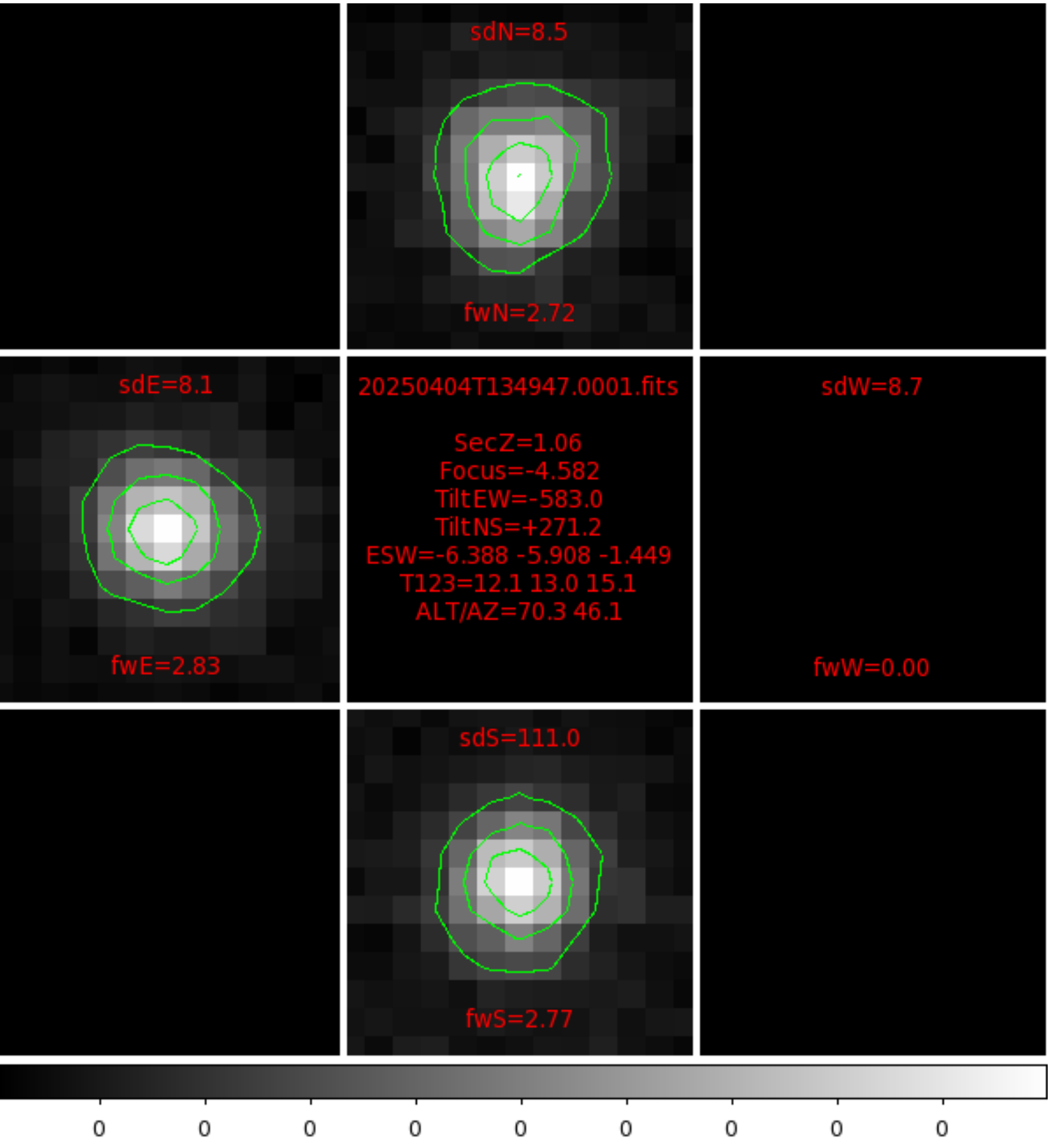
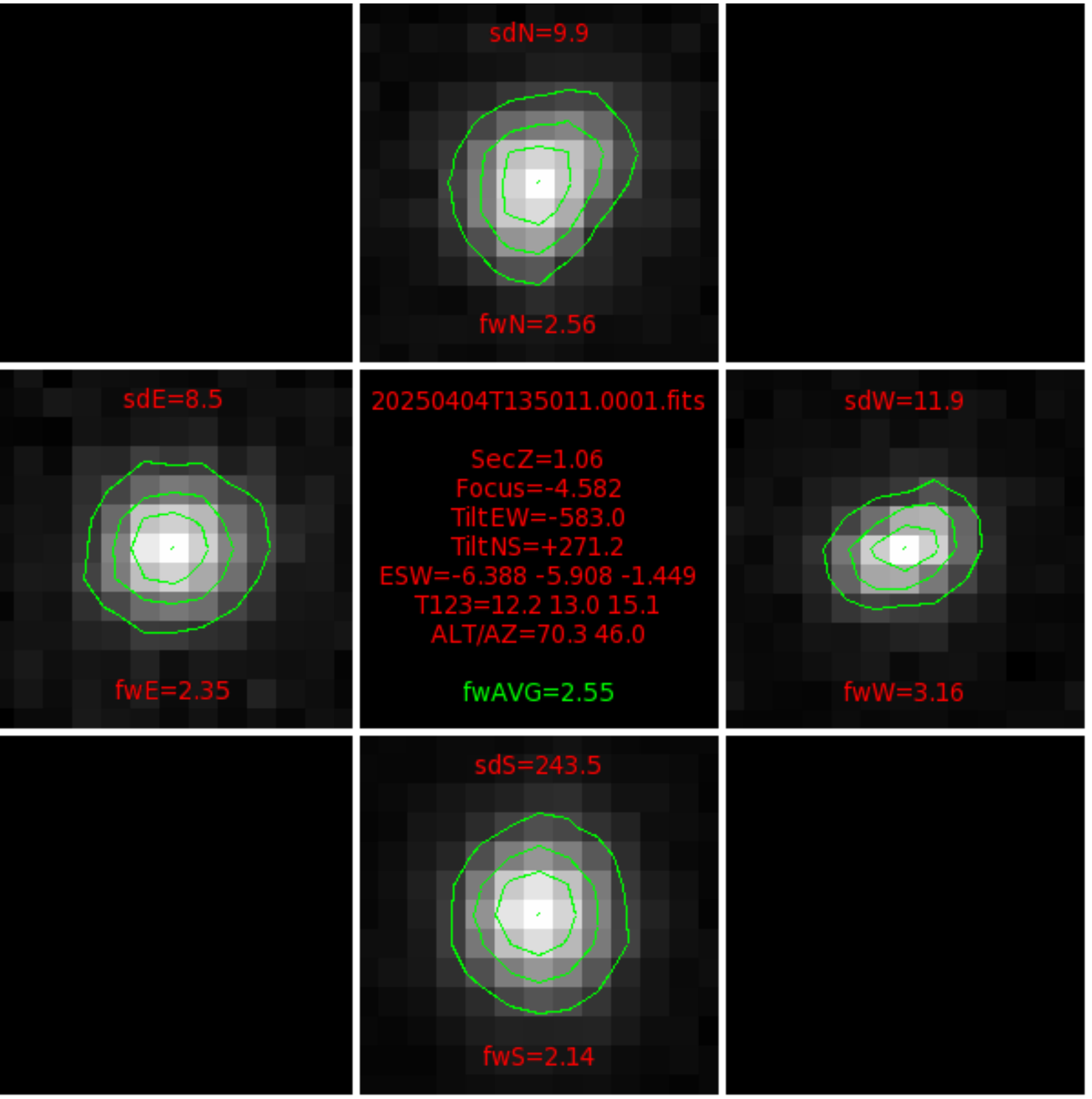

sdN=12.6
fwN=2.71
sdE=10.4
fwE=2.17
20250404T134832.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 13.0 15.1
ALT/AZ=70.1 46.5
sdS=336.4
fwS=2.08
0 0 0 0 0 0 0 0 0


sdN=13.5
fwN=2.97
sdE=9.5
fwE=2.54
20250404T134857.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 13.0 15.1
ALT/AZ=70.2 46.4
sdS=366.0
fwS=2.10
0 0 0 0 0 0 0 0 0


sdN=20.9
fwN=2.81
sdE=7.5
fwE=2.28
20250404T134922.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 13.0 15.1
ALT/AZ=70.2 46.3
sdS=189.5
fwS=2.15
0 0 0 0 0 0 0 0 0


sdN=8.5
fwN=2.72
sdE=8.1
fwE=2.83
20250404T134947.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.1 13.0 15.1
ALT/AZ=70.3 46.1
sdW=8.7
fwW=0.00
sdS=111.0
fwS=2.77
0 0 0 0 0 0 0 0 0


sdN=9.9
fwN=2.56
sdE=8.5
fwE=2.35
20250404T135011.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 13.0 15.1
ALT/AZ=70.3 46.0
fwAVG=2.55
sdW=11.9
fwW=3.16
sdS=243.5
fwS=2.14
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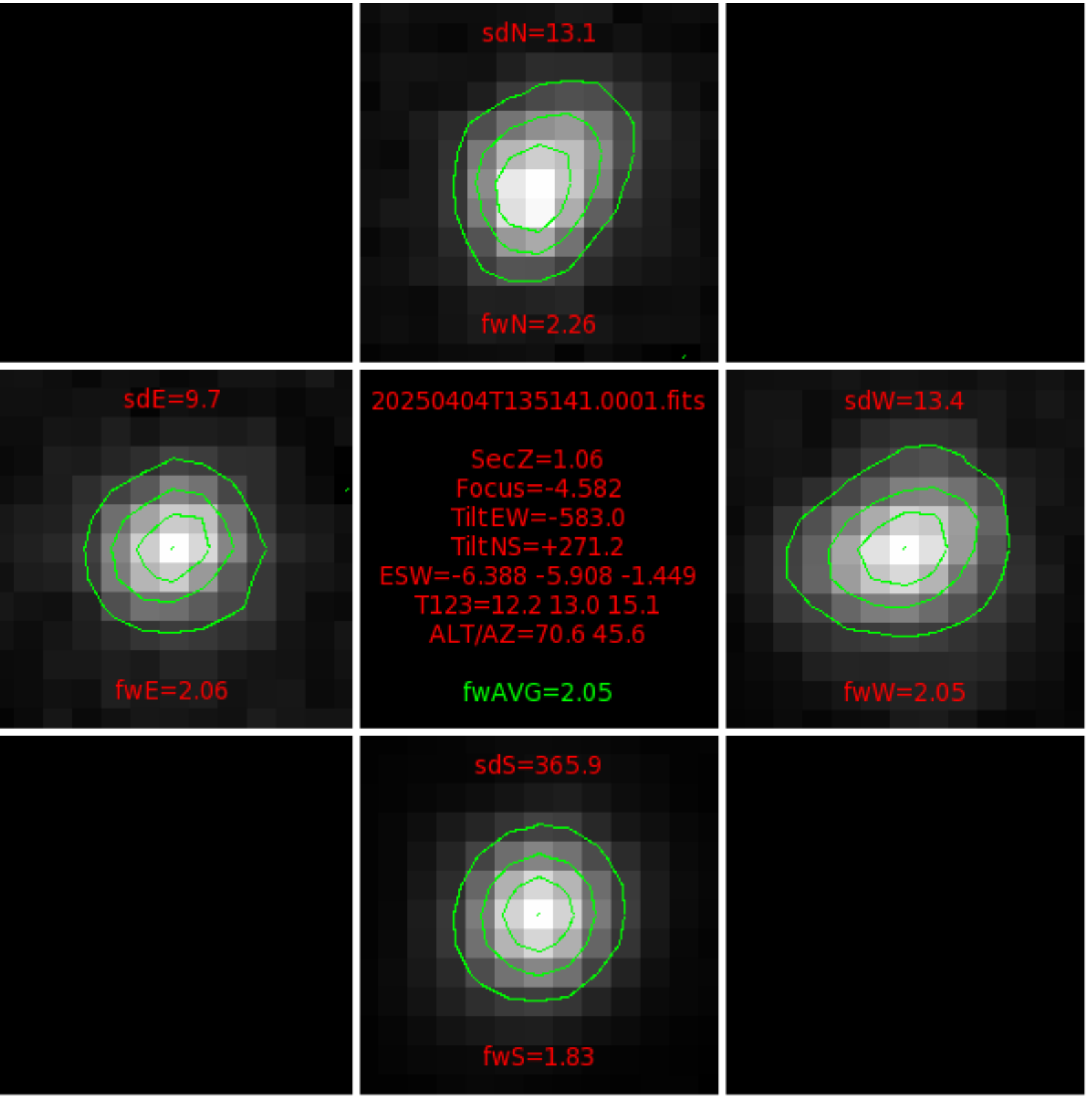
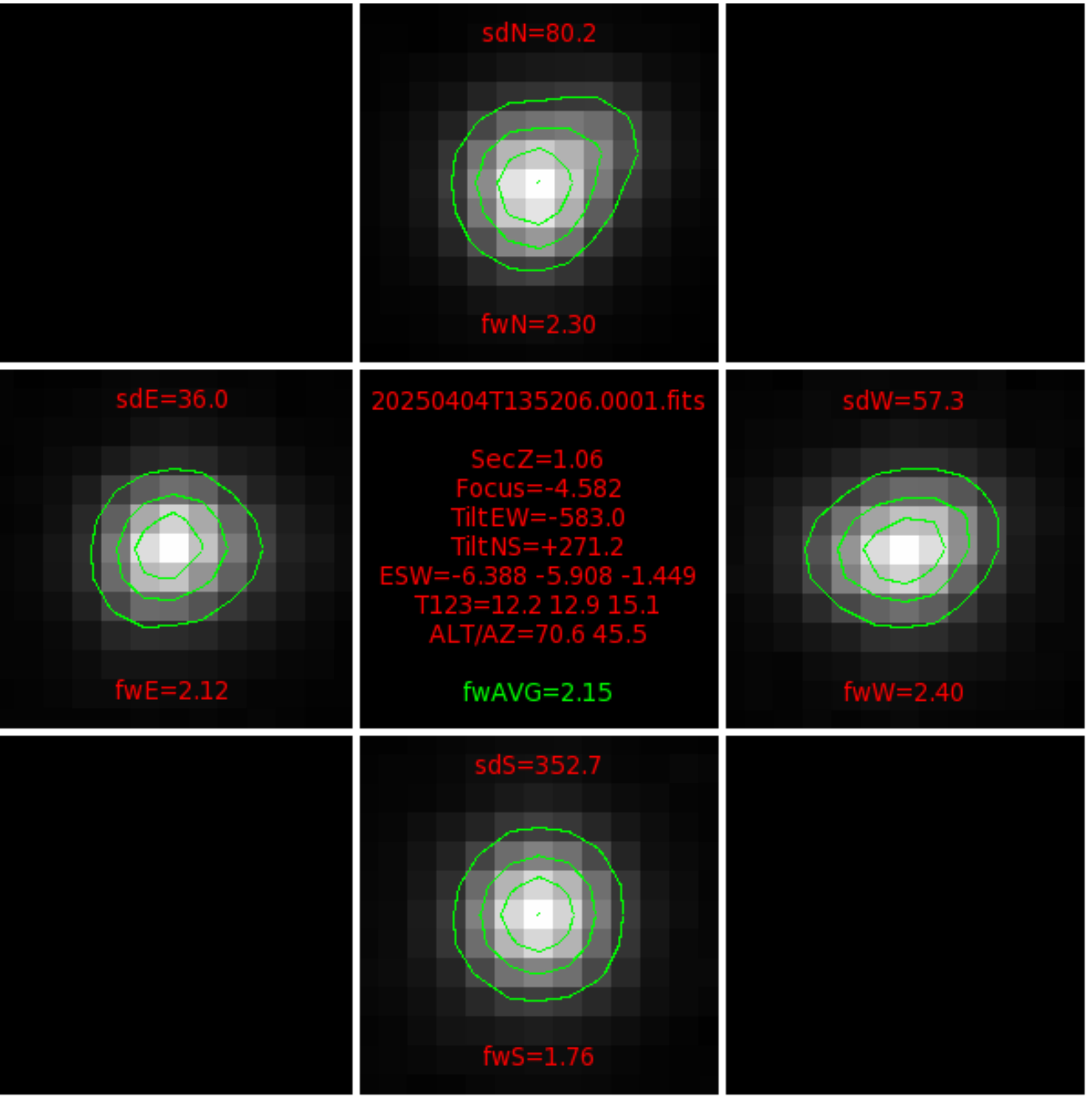

sdN=13.1
fwN=2.26
sdE=9.7
fwE=2.06
20250404T135141.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 13.0 15.1
ALT/AZ=70.6 45.6
fwAVG=2.05
sdW=13.4
fwW=2.05
sdS=365.9
fwS=1.83
0 0 0 0 0 0 0 0 0


sdN=80.2
fwN=2.30
sdE=36.0
fwE=2.12
20250404T135206.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 12.9 15.1
ALT/AZ=70.6 45.5
fwAVG=2.15
sdW=57.3
fwW=2.40
sdS=352.7
fwS=1.76
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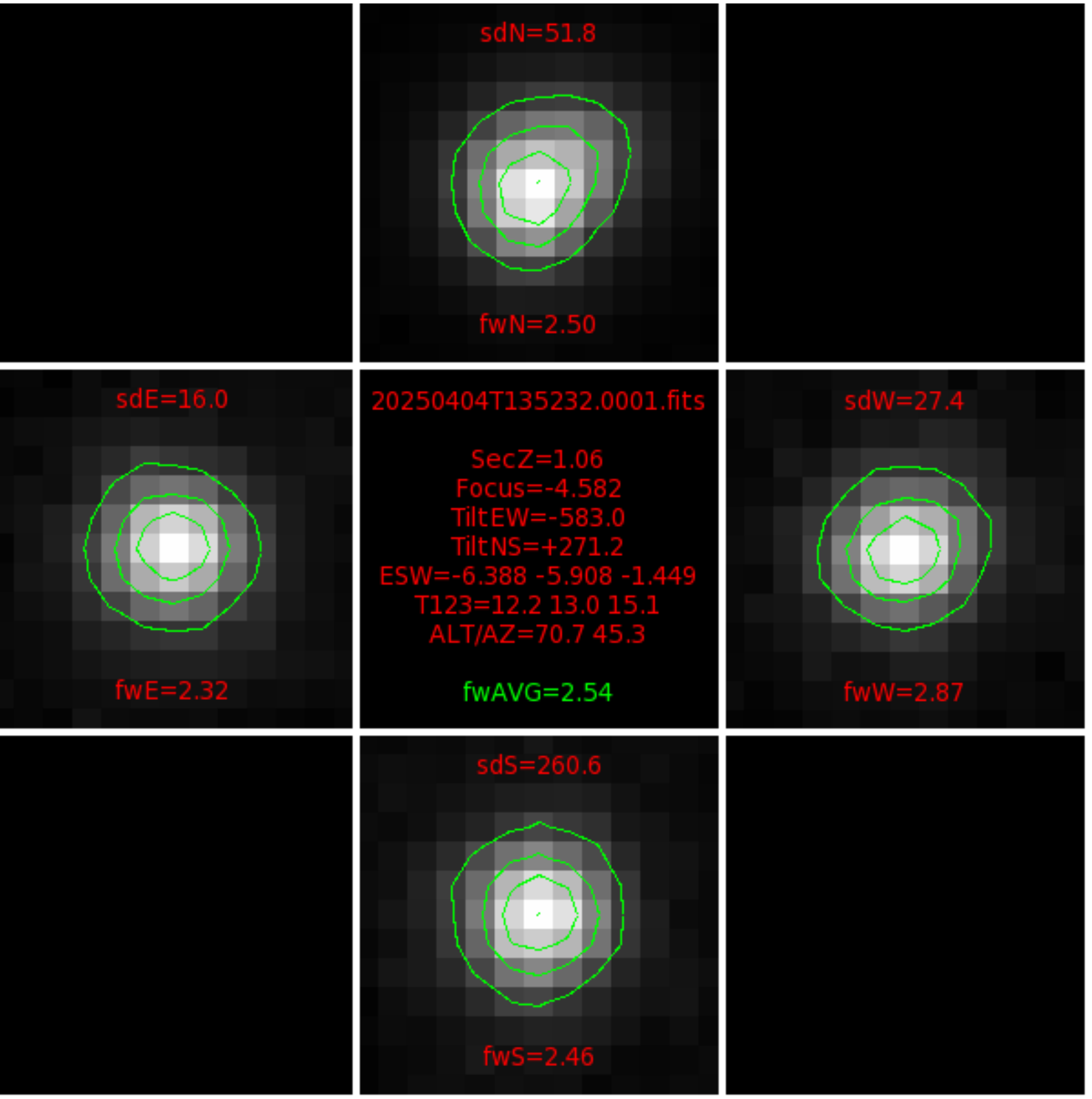
sdN=51.8
fwN=2.50
sdE=16.0
fwE=2.32
20250404T135232.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 13.0 15.1
ALT/AZ=70.7 45.3
fwAVG=2.54
sdW=27.4
fwW=2.87
sdS=260.6
fwS=2.46
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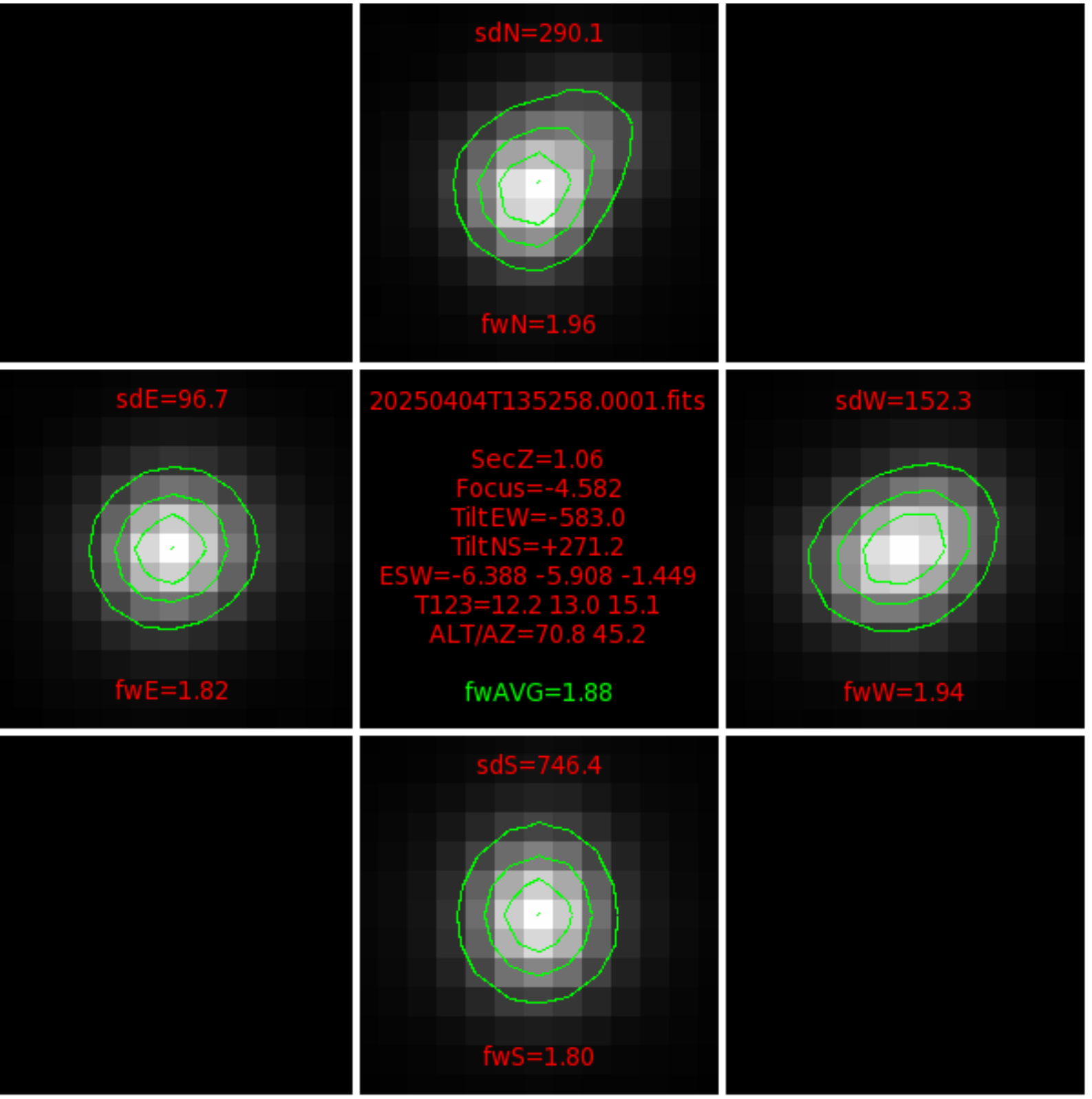
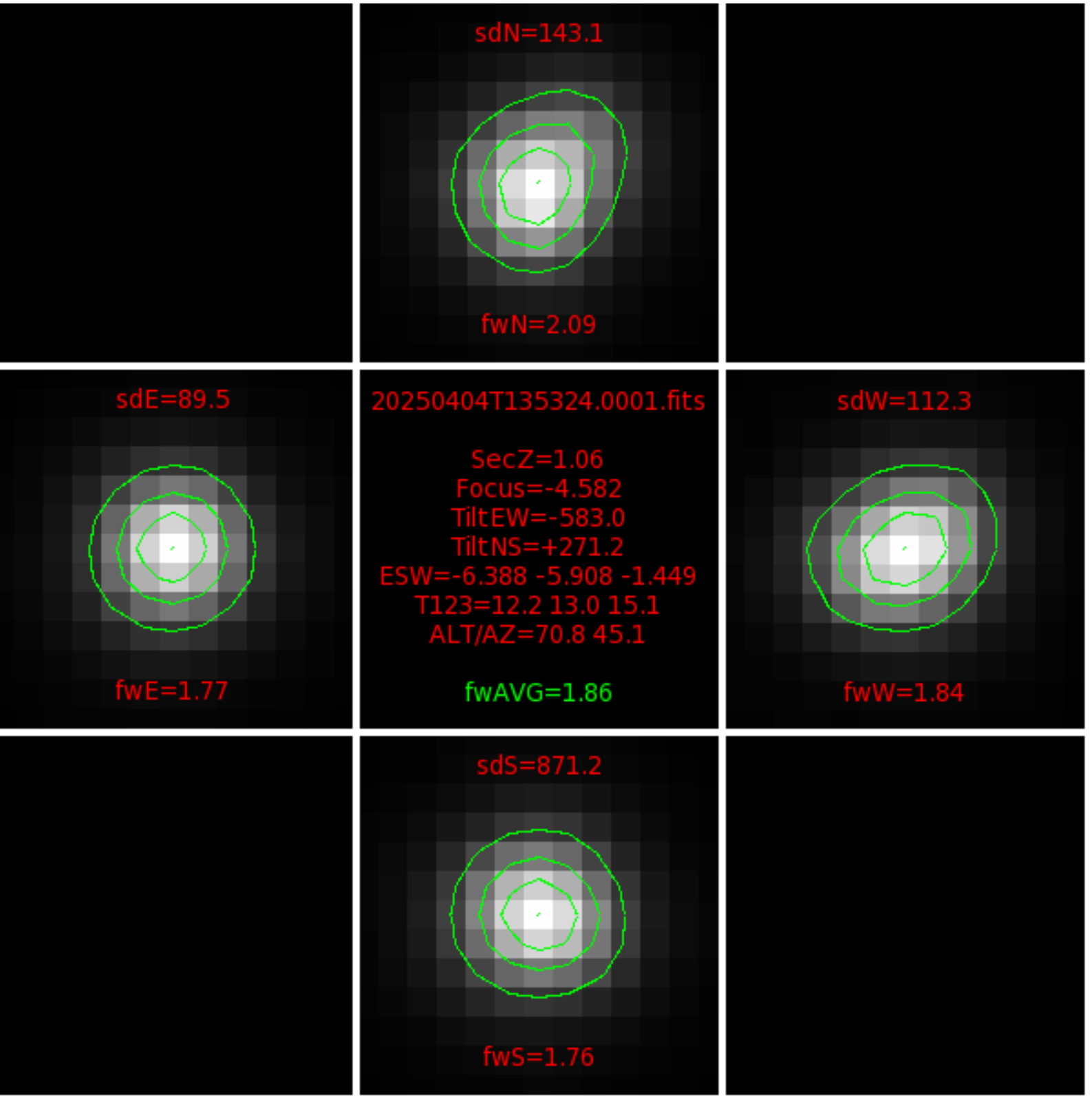

sdN=290.1
fwN=1.96
sdE=96.7
fwE=1.82
20250404T135258.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 13.0 15.1
ALT/AZ=70.8 45.2
fwAVG=1.88
sdW=152.3
fwW=1.94
sdS=746.4
fwS=1.80
0 0 0 0 0 0 0 0 0


sdN=143.1
fwN=2.09
sdE=89.5
fwE=1.77
20250404T135324.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 13.0 15.1
ALT/AZ=70.8 45.1
fwAVG=1.86
sdW=112.3
fwW=1.84
sdS=871.2
fwS=1.76
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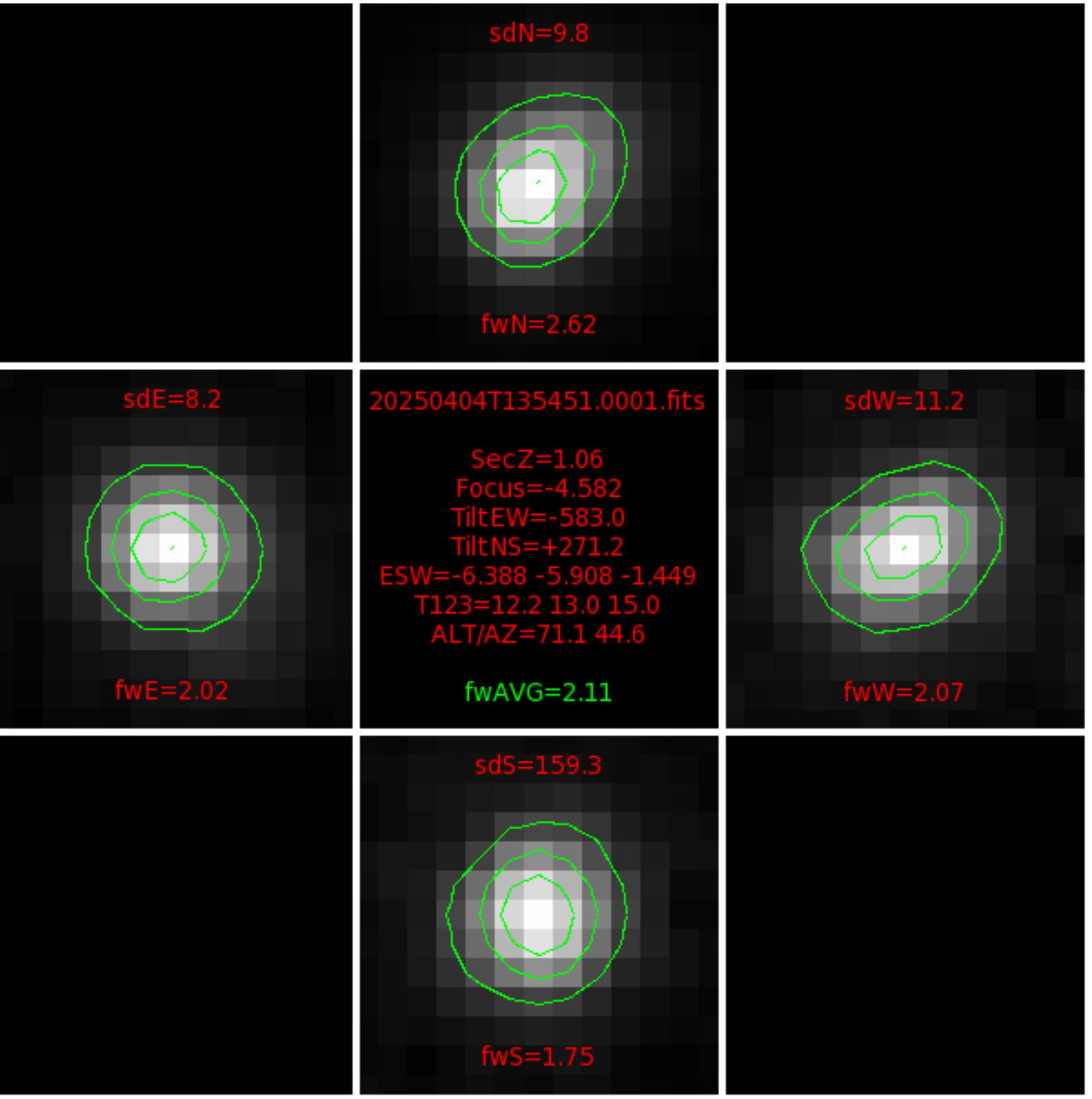
sdN=9.8
fwN=2.62
sdE=8.2
fwE=2.02
20250404T135451.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 13.0 15.0
ALT/AZ=71.1 44.6
fwAVG=2.11
sdW=11.2
fwW=2.07
sdS=159.3
fwS=1.75
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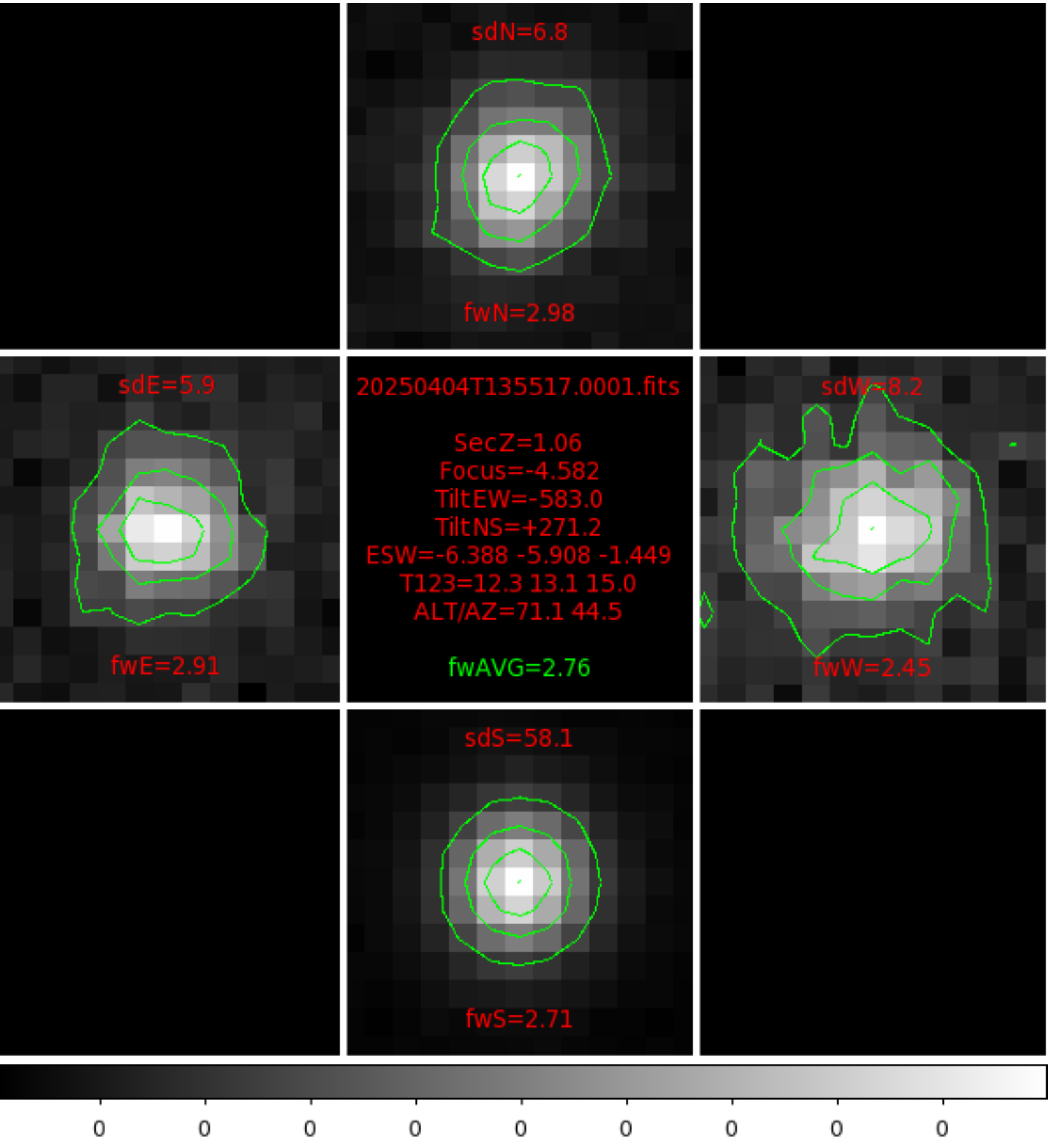
sdN=6.8
fwN=2.98
sdE=5.9
fwE=2.91
20250404T135517.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.3 13.1 15.0
ALT/AZ=71.1 44.5
fwAVG=2.76
sdW=8.2
fwW=2.45
sdS=58.1
fwS=2.71
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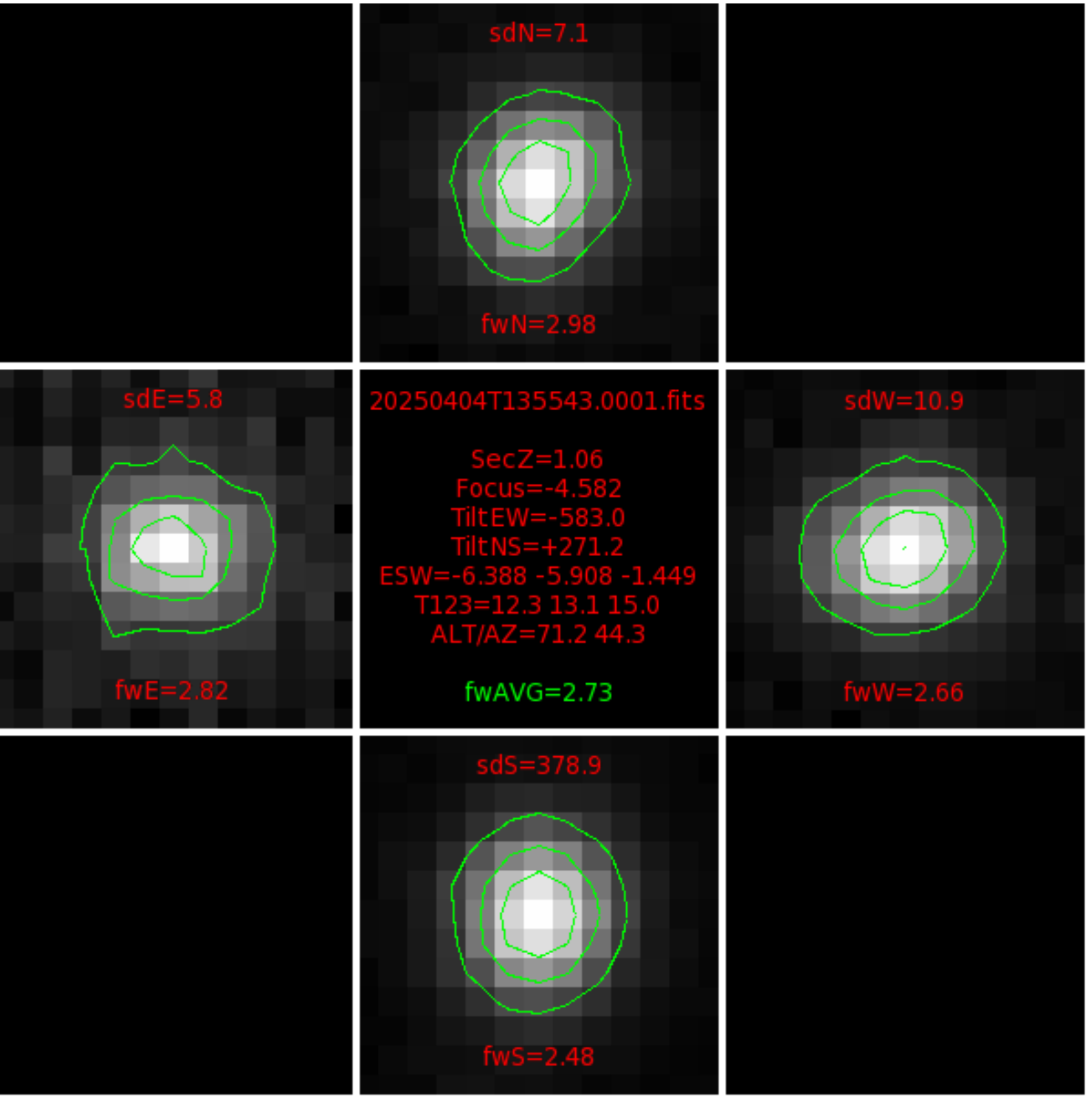
sdN=7.1
fwN=2.98
sdE=5.8
fwE=2.82
20250404T135543.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.3 13.1 15.0
ALT/AZ=71.2 44.3
fwAVG=2.73
sdW=10.9
fwW=2.66
sdS=378.9
fwS=2.48
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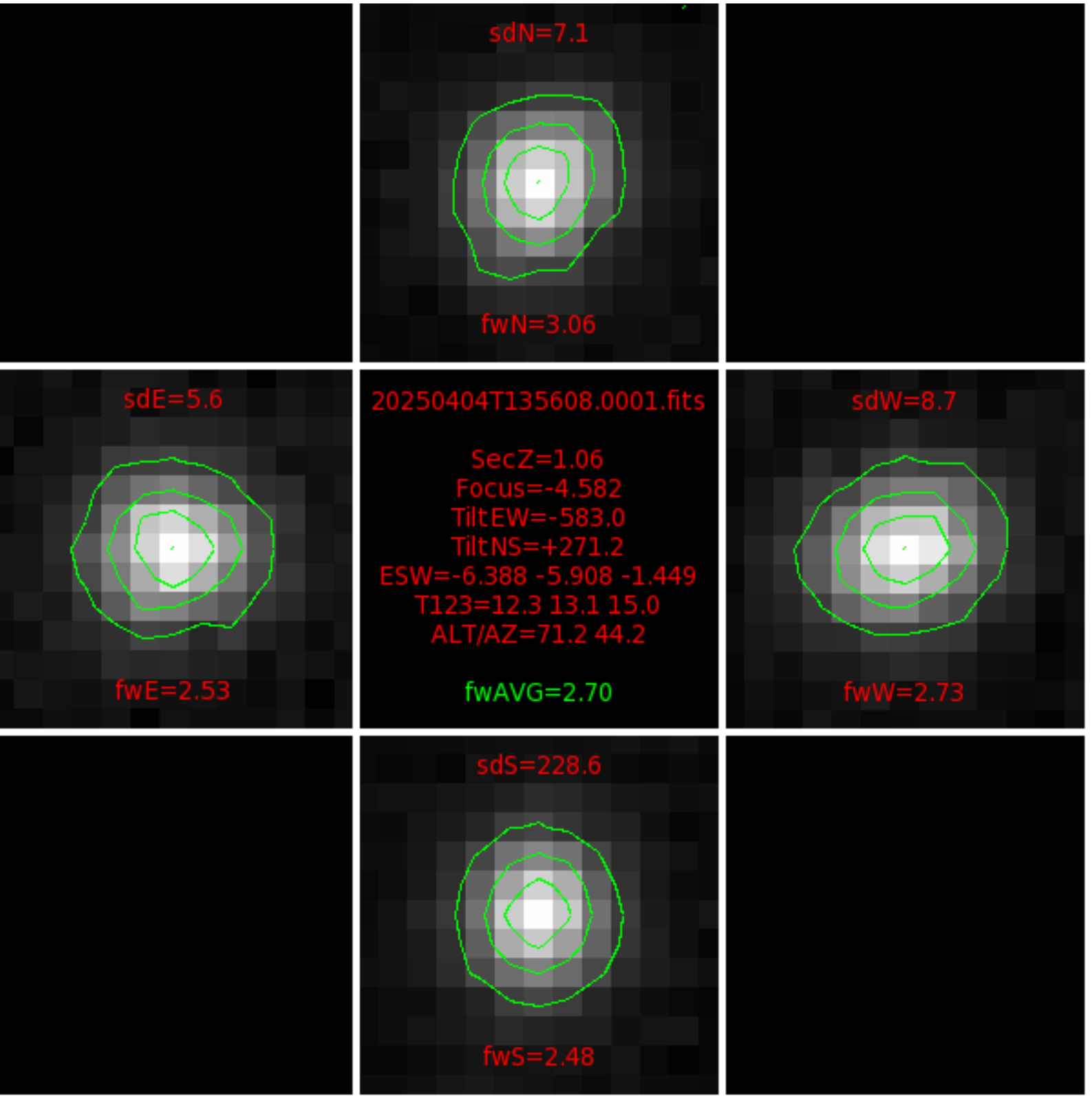
sdN=7.1
fwN=3.06
sdE=5.6
fwE=2.53
20250404T135608.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.3 13.1 15.0
ALT/AZ=71.2 44.2
fwAVG=2.70
sdW=8.7
fwW=2.73
sdS=228.6
fwS=2.48
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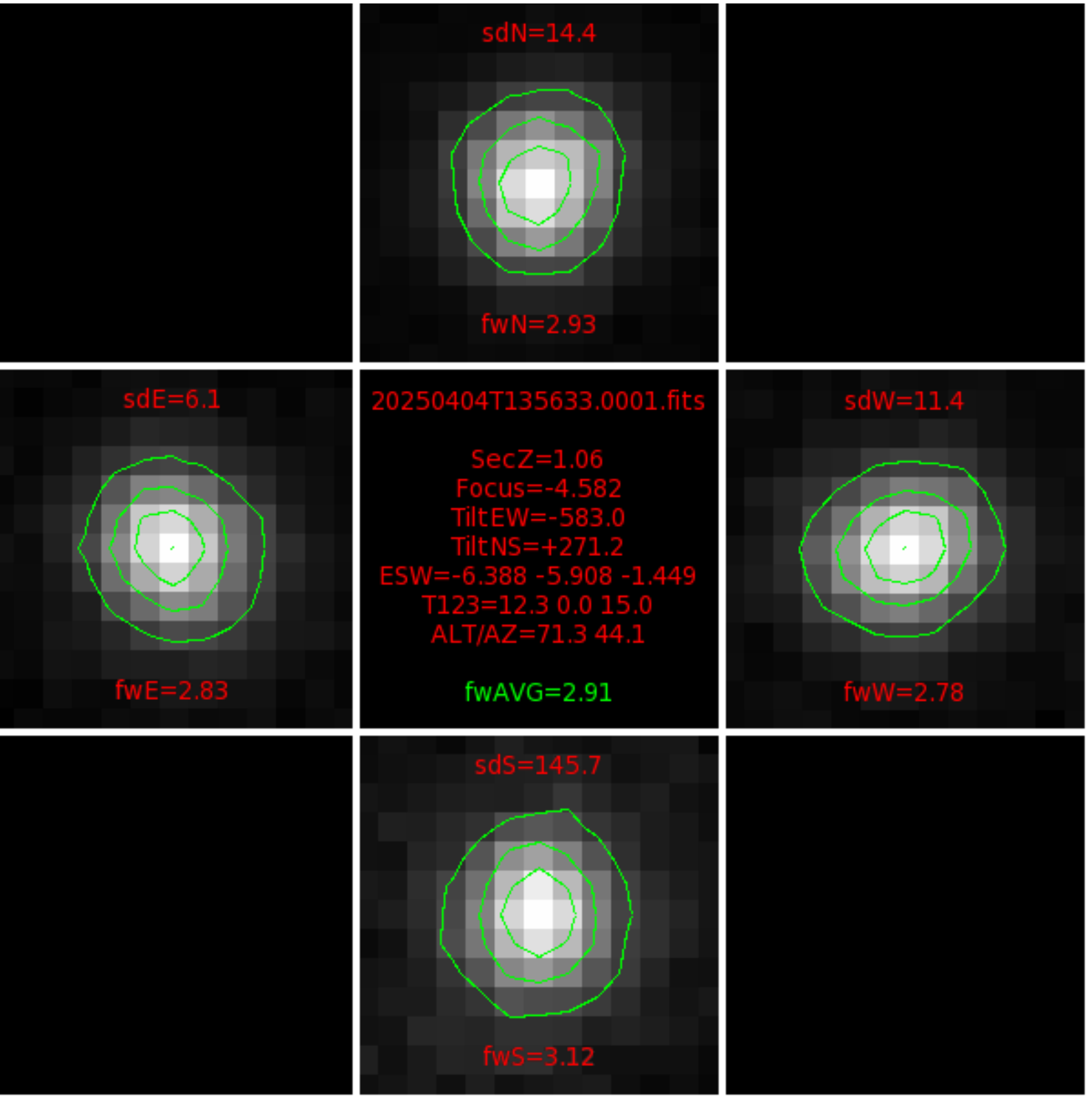
sdN=14.4
fwN=2.93
sdE=6.1
fwE=2.83
20250404T135633.0001.fits
SecZ=1.06
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.3 0.0 15.0
ALT/AZ=71.3 44.1
fwAVG=2.91
sdW=11.4
fwW=2.78
sdS=145.7
fwS=3.12
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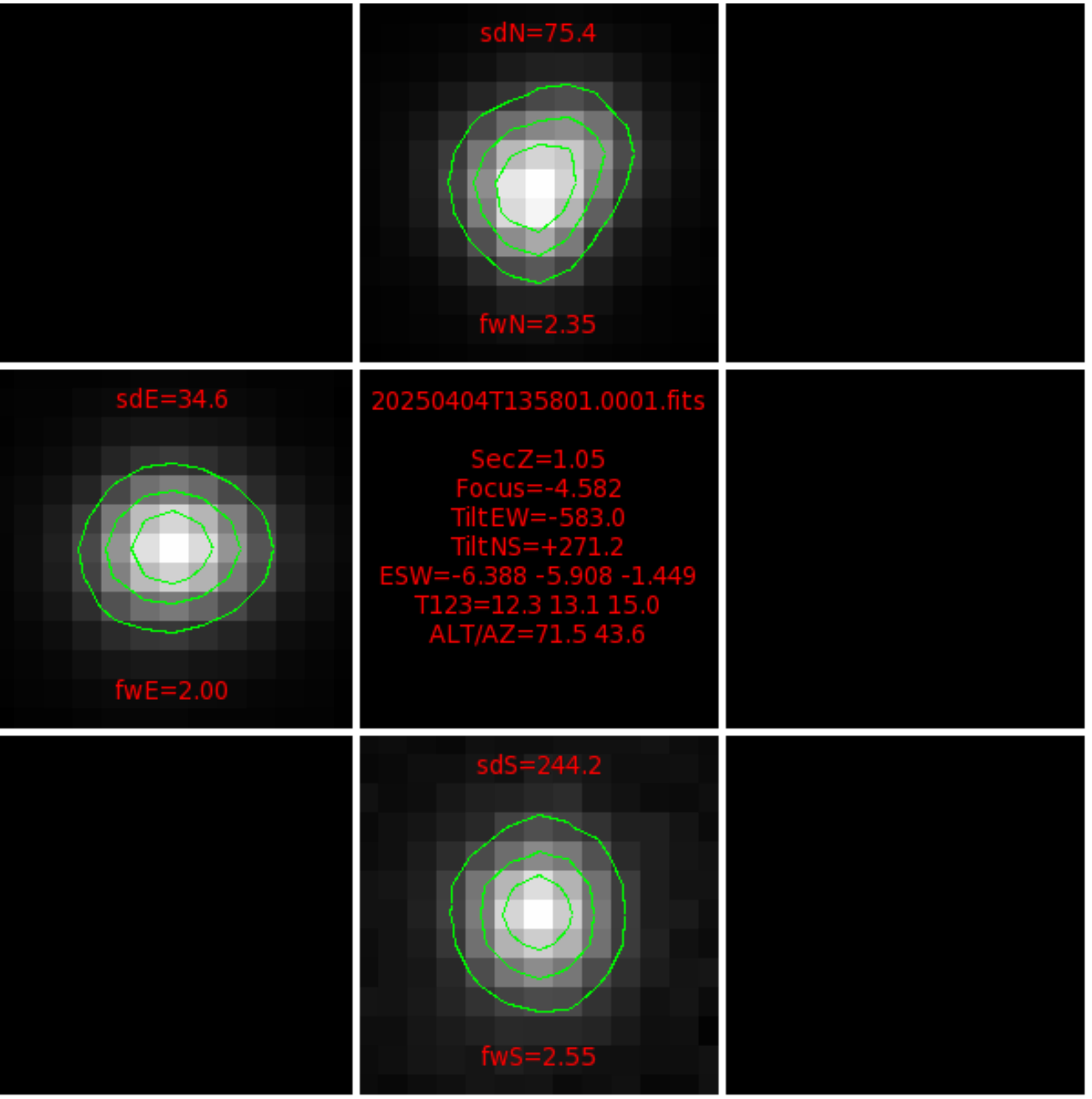
sdN=75.4
fwN=2.35
sdE=34.6
fwE=2.00
20250404T135801.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.3 13.1 15.0
ALT/AZ=71.5 43.6
sdS=244.2
fwS=2.55
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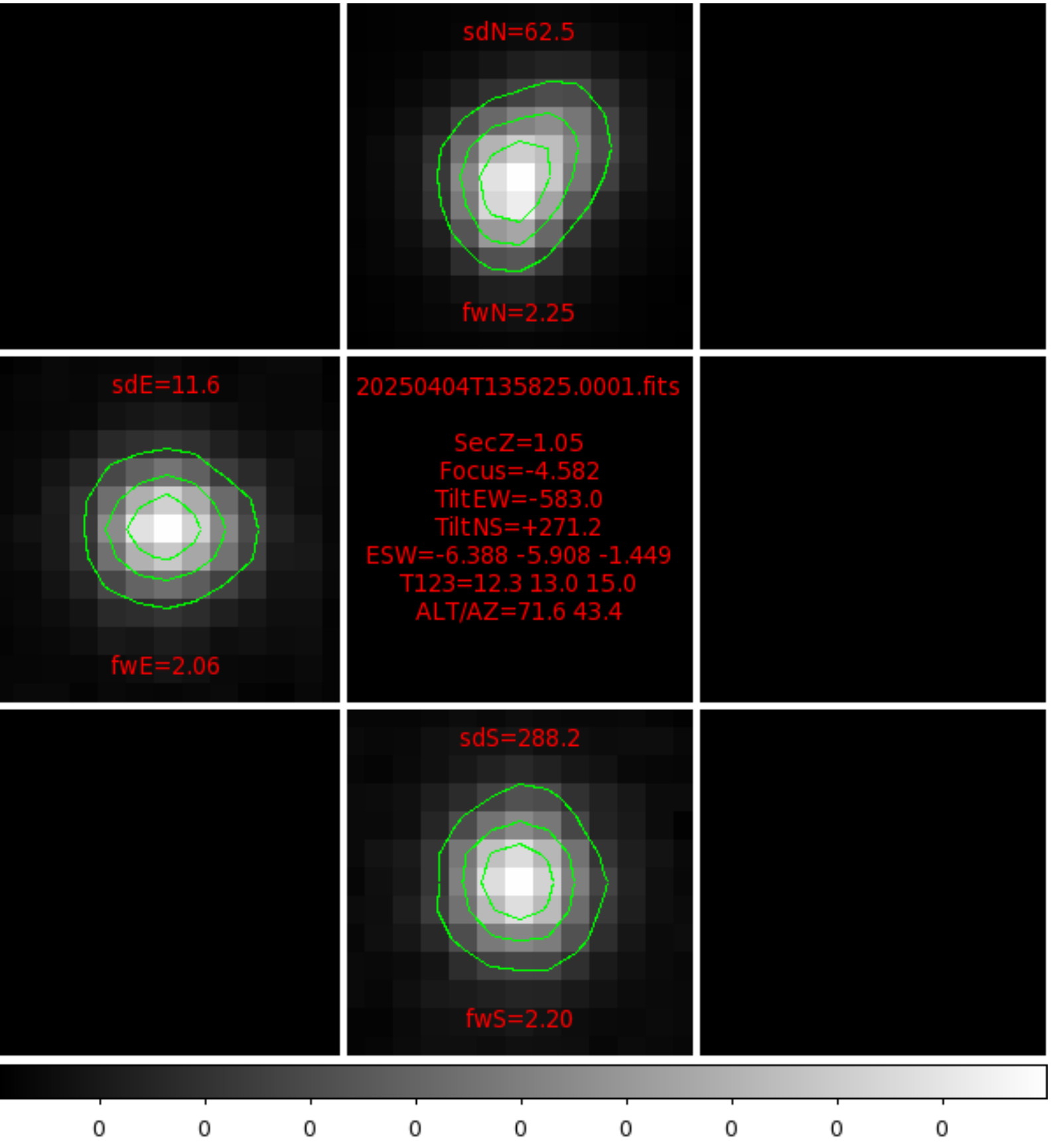
sdN=62.5
fwN=2.25
sdE=11.6
fwE=2.06
20250404T135825.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.3 13.0 15.0
ALT/AZ=71.6 43.4
sdS=288.2
fwS=2.20
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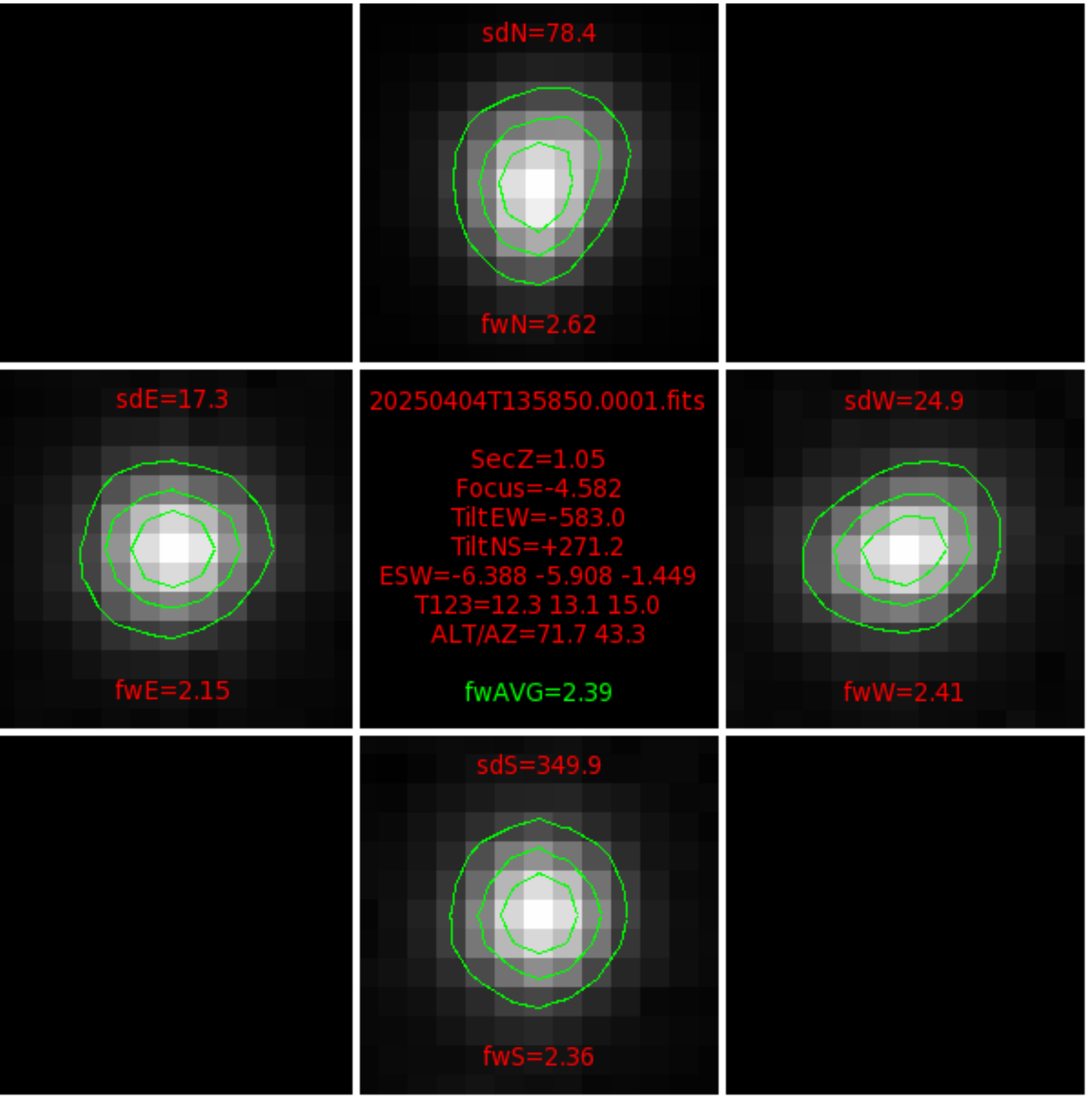
sdN=78.4
fwN=2.62
sdE=17.3
fwE=2.15
20250404T135850.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.3 13.1 15.0
ALT/AZ=71.7 43.3
fwAVG=2.39
sdW=24.9
fwW=2.41
sdS=349.9
fwS=2.36
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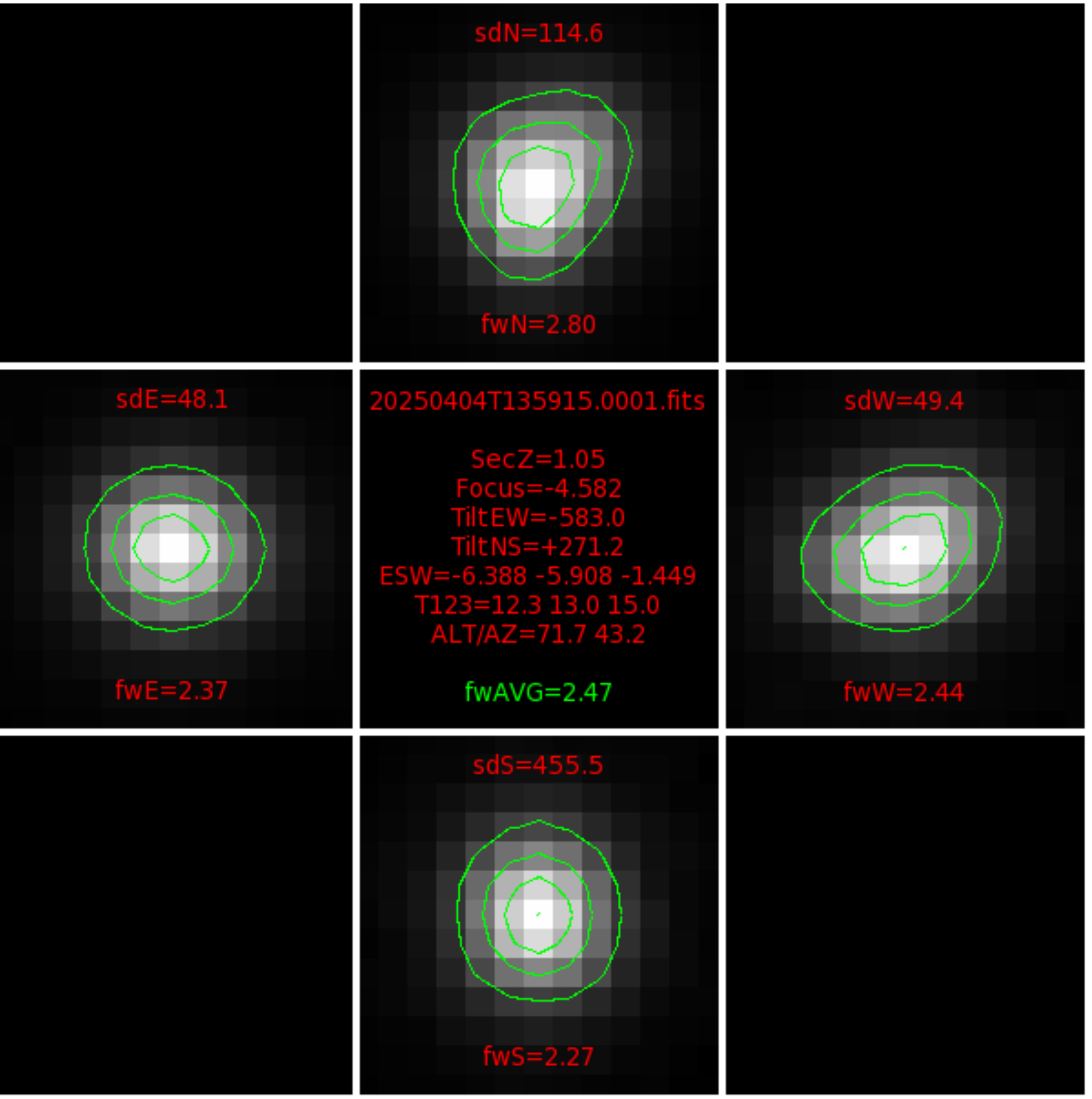
sdN=114.6
fwN=2.80
sdE=48.1
fwE=2.37
20250404T135915.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.3 13.0 15.0
ALT/AZ=71.7 43.2
fwAVG=2.47
sdW=49.4
fwW=2.44
sdS=455.5
fwS=2.27
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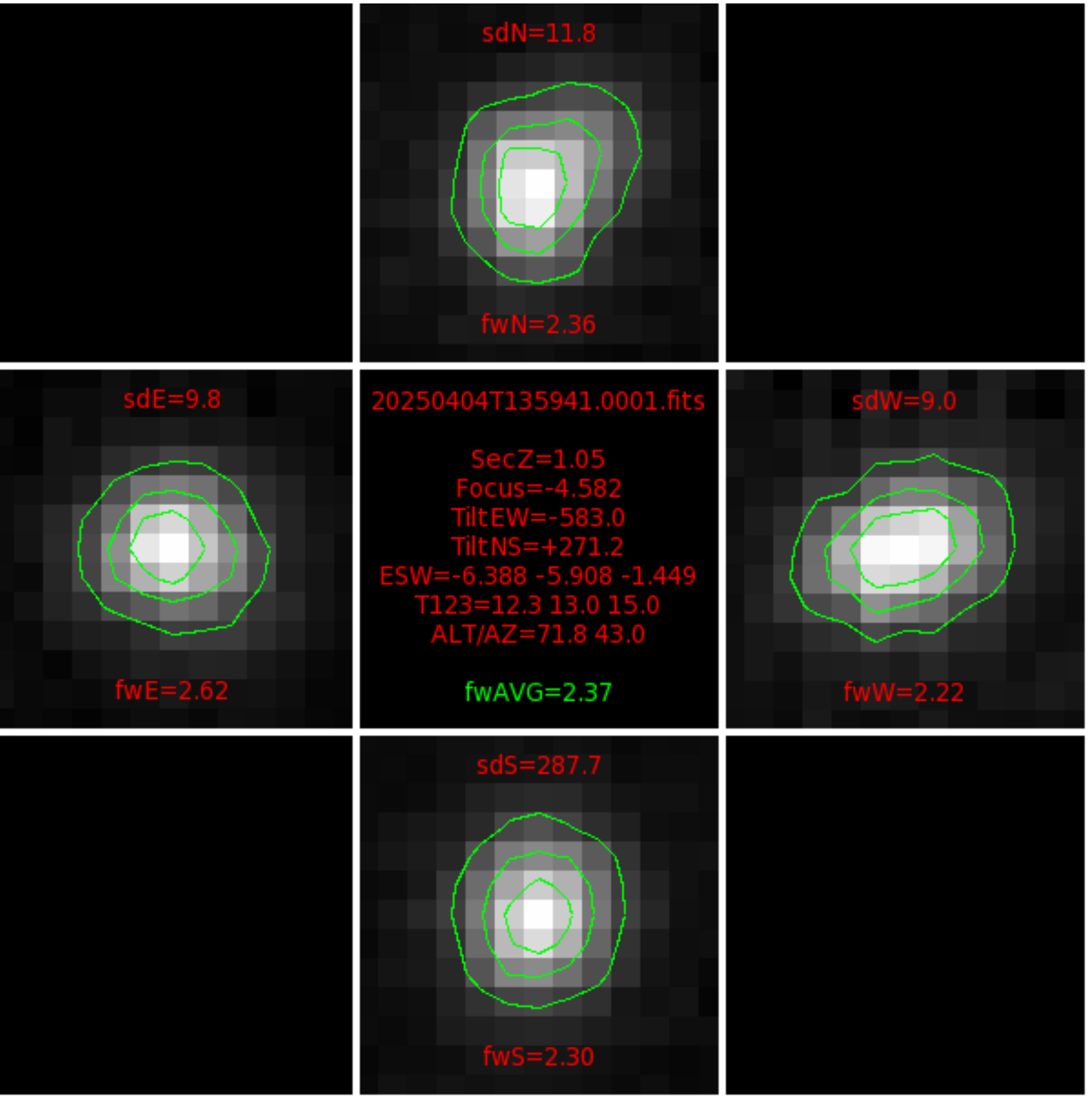
sdN=11.8
fwN=2.36
sdE=9.8
fwE=2.62
20250404T135941.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.3 13.0 15.0
ALT/AZ=71.8 43.0
fwAVG=2.37
sdW=9.0
fwW=2.22
sdS=287.7
fwS=2.30
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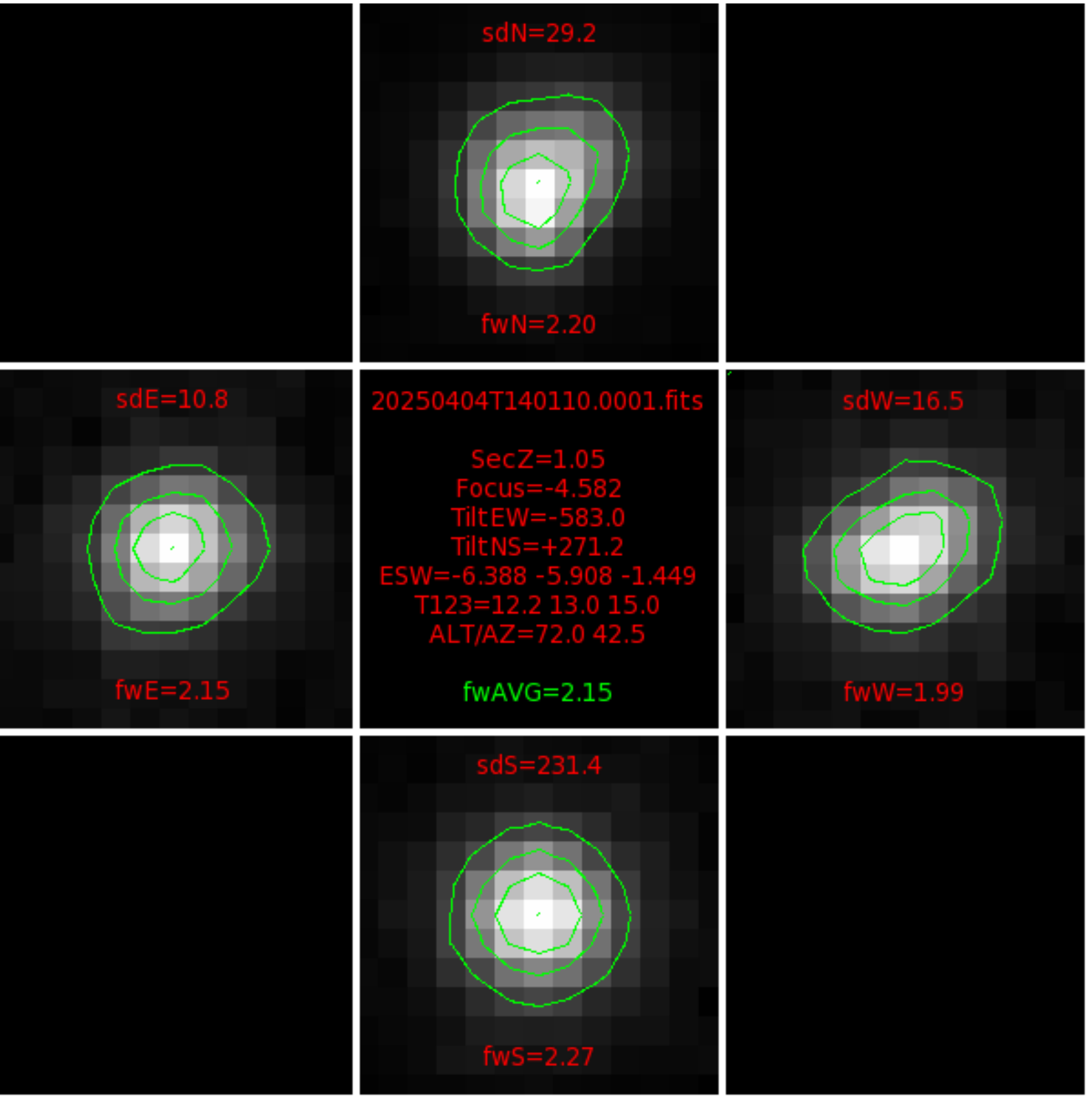
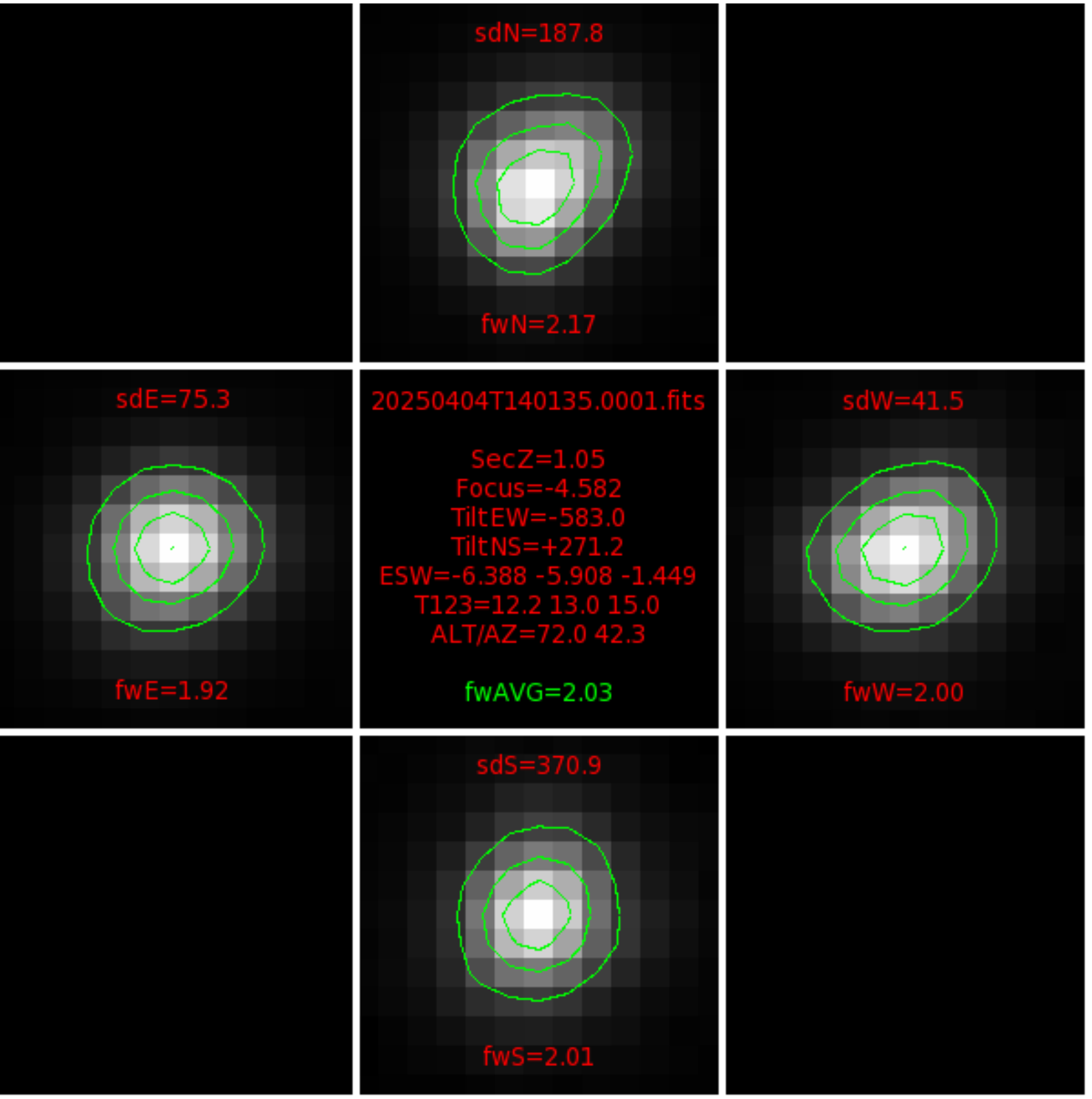
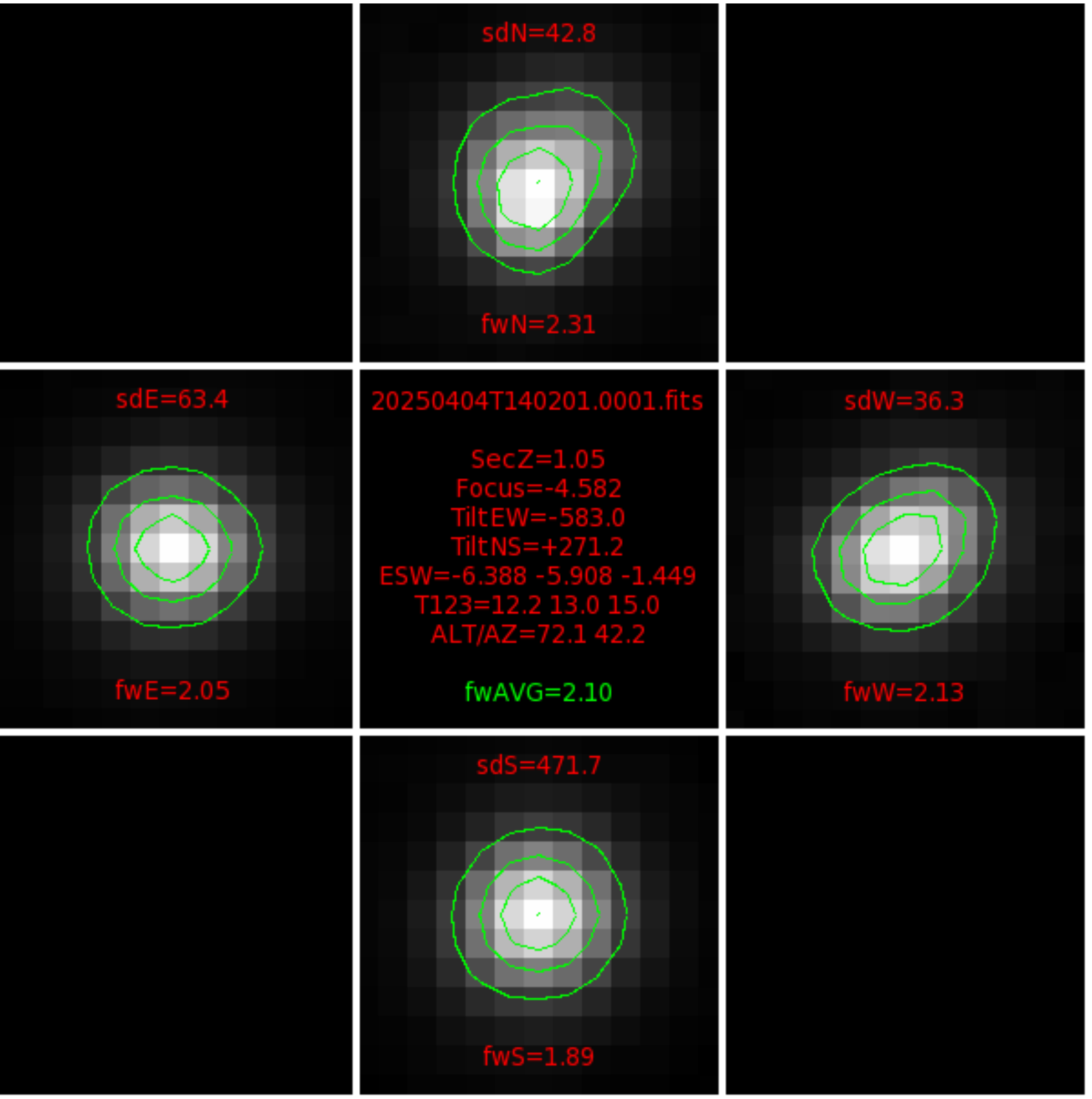
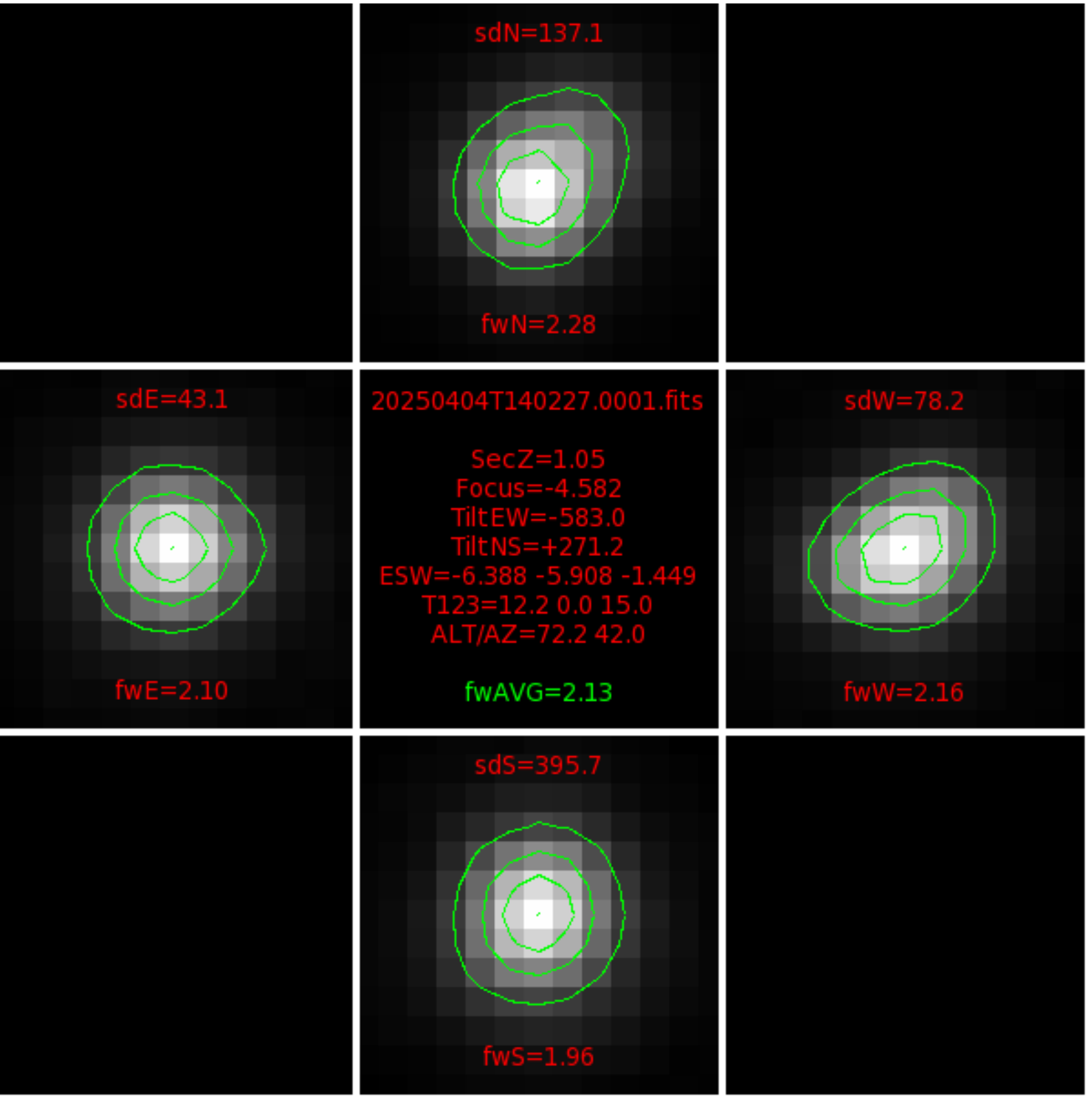
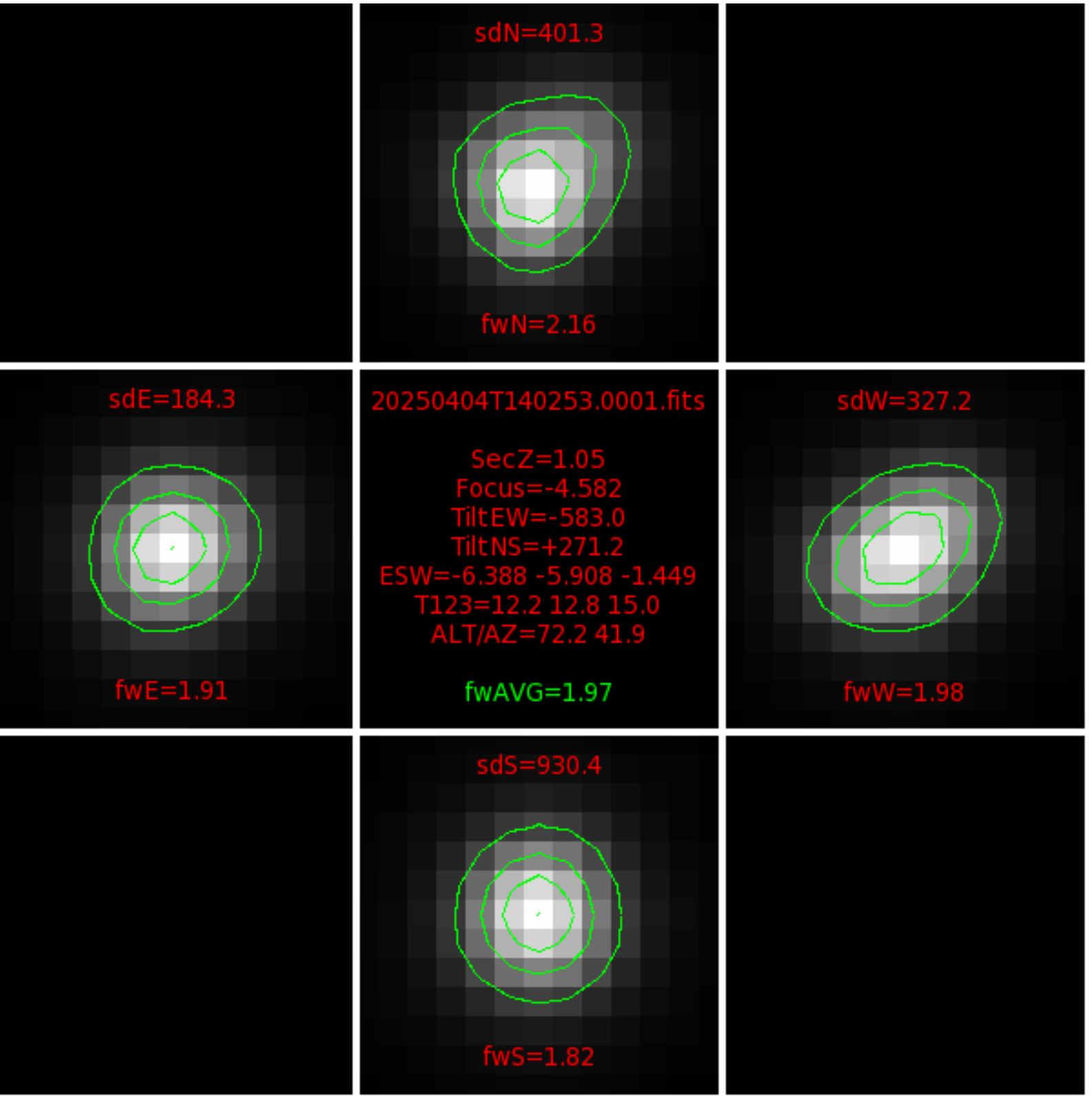
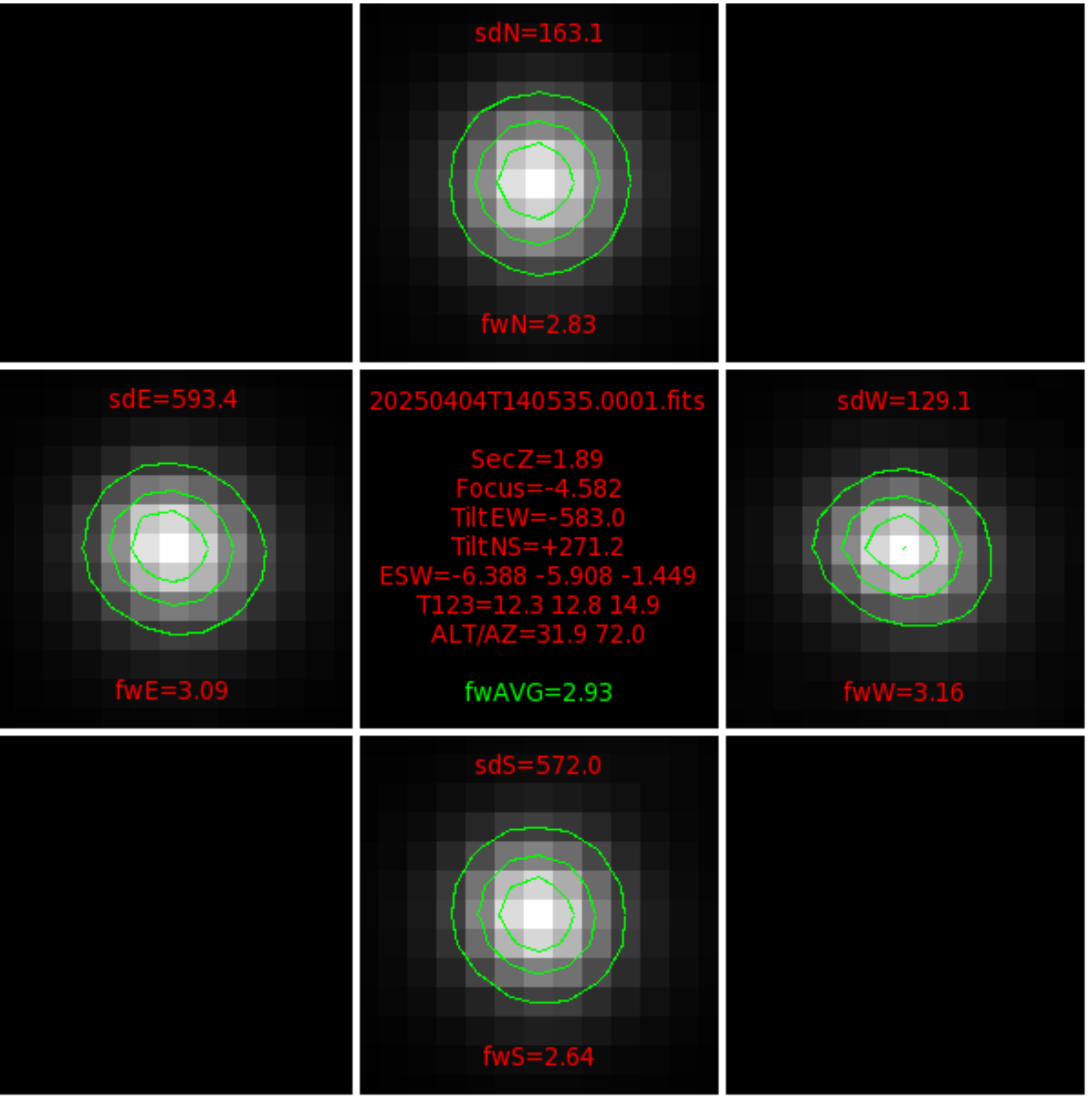

sdN=29.2
fwN=2.20
sdE=10.8
fwE=2.15
20250404T140110.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 13.0 15.0
ALT/AZ=72.0 42.5
fwAVG=2.15
sdW=16.5
fwW=1.99
sdS=231.4
fwS=2.27
0 0 0 0 0 0 0 0 0


sdN=187.8
fwN=2.17
sdE=75.3
fwE=1.92
20250404T140135.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 13.0 15.0
ALT/AZ=72.0 42.3
fwAVG=2.03
sdW=41.5
fwW=2.00
sdS=370.9
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=42.8
fwN=2.31
sdE=63.4
fwE=2.05
20250404T140201.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 13.0 15.0
ALT/AZ=72.1 42.2
fwAVG=2.10
sdW=36.3
fwW=2.13
sdS=471.7
fwS=1.89
0 0 0 0 0 0 0 0 0


sdN=137.1
fwN=2.28
sdE=43.1
fwE=2.10
20250404T140227.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 0.0 15.0
ALT/AZ=72.2 42.0
fwAVG=2.13
sdW=78.2
fwW=2.16
sdS=395.7
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=401.3
fwN=2.16
sdE=184.3
fwE=1.91
20250404T140253.0001.fits
SecZ=1.05
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.2 12.8 15.0
ALT/AZ=72.2 41.9
fwAVG=1.97
sdW=327.2
fwW=1.98
sdS=930.4
fwS=1.82
0 0 0 0 0 0 0 0 0


sdN=163.1
fwN=2.83
sdE=593.4
fwE=3.09
20250404T140535.0001.fits
SecZ=1.89
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.3 12.8 14.9
ALT/AZ=31.9 72.0
fwAVG=2.93
sdW=129.1
fwW=3.16
sdS=572.0
fwS=2.64
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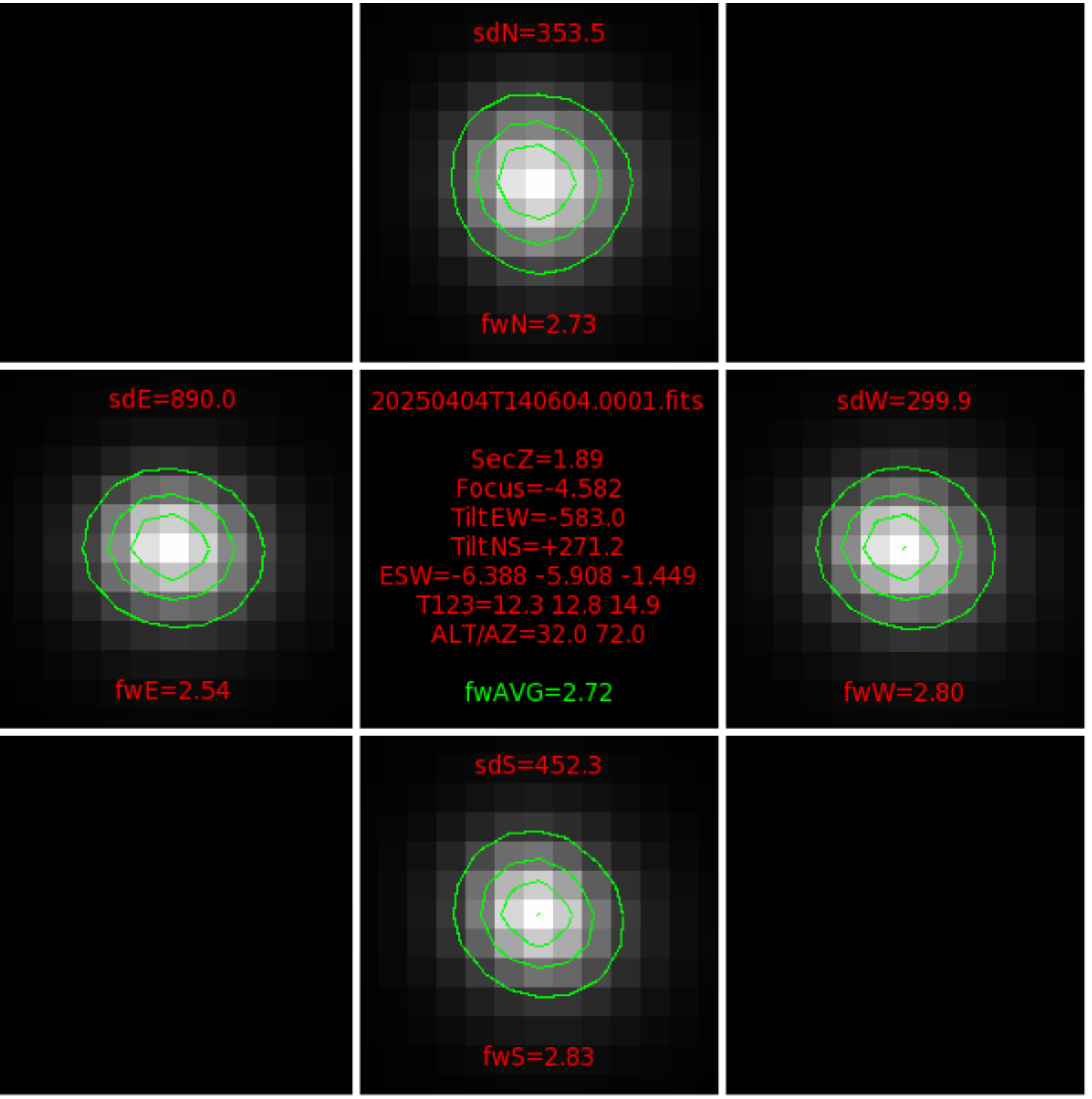
sdN=353.5
fwN=2.73
sdE=890.0
fwE=2.54
20250404T140604.0001.fits
SecZ=1.89
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.3 12.8 14.9
ALT/AZ=32.0 72.0
fwAVG=2.72
sdW=299.9
fwW=2.80
sdS=452.3
fwS=2.83
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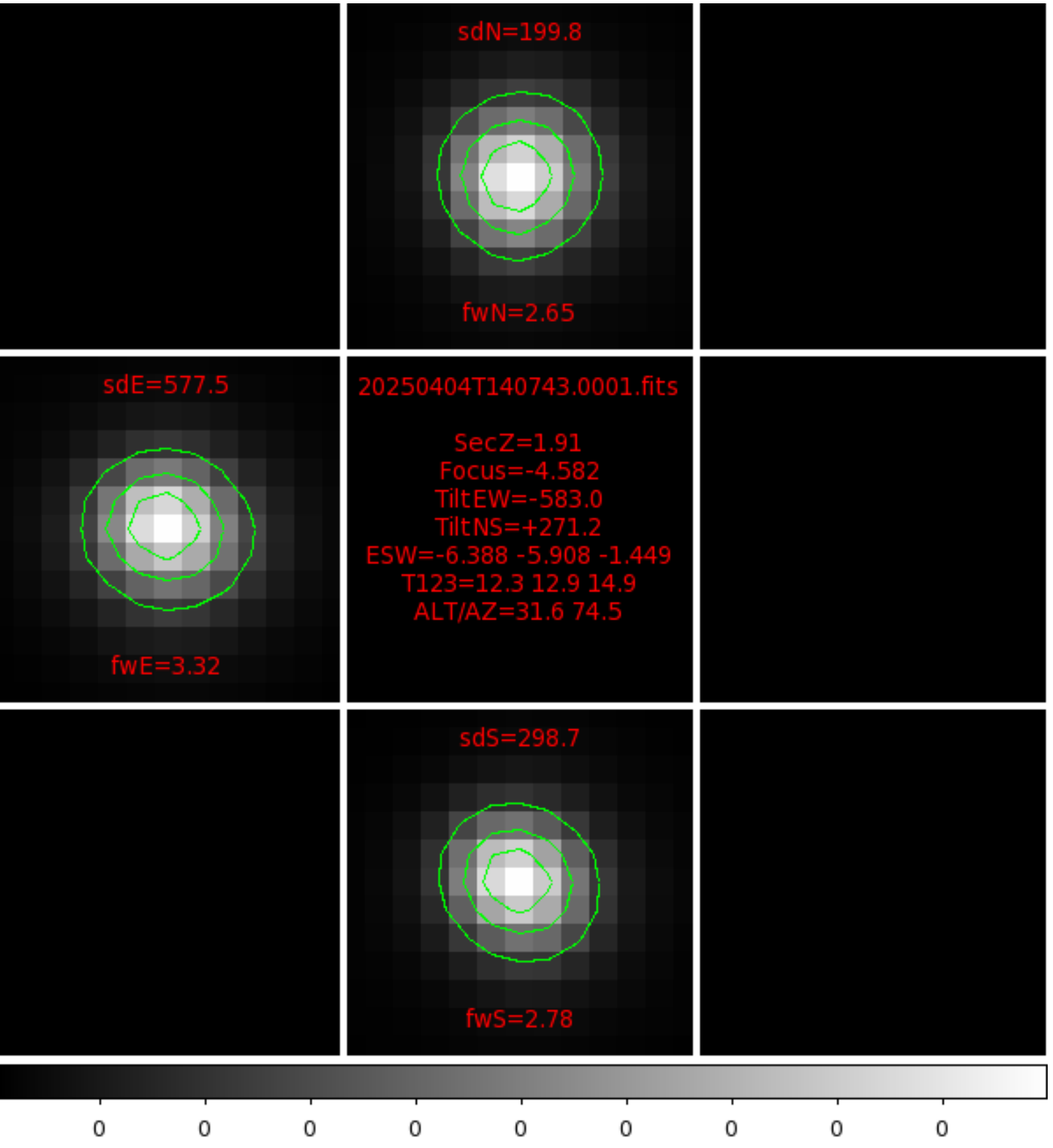
sdN=199.8
fwN=2.65
sdE=577.5
fwE=3.32
20250404T140743.0001.fits
SecZ=1.91
Focus=-4.582
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.388 -5.908 -1.449
T123=12.3 12.9 14.9
ALT/AZ=31.6 74.5
sdS=298.7
fwS=2.78
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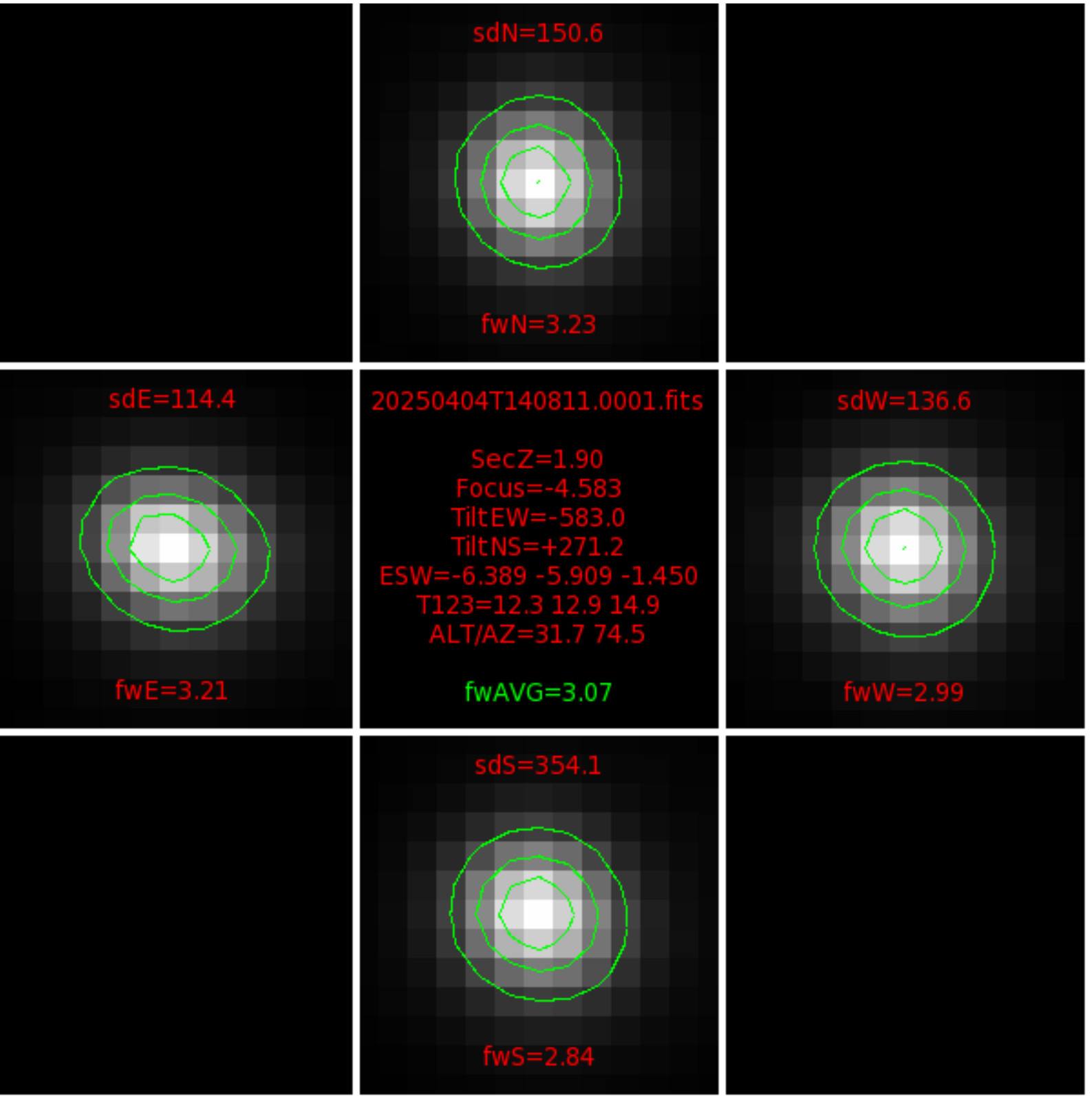
sdN=150.6
fwN=3.23
sdE=114.4
fwE=3.21
20250404T140811.0001.fits
SecZ=1.90
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=12.3 12.9 14.9
ALT/AZ=31.7 74.5
fwAVG=3.07
sdW=136.6
fwW=2.99
sdS=354.1
fwS=2.84
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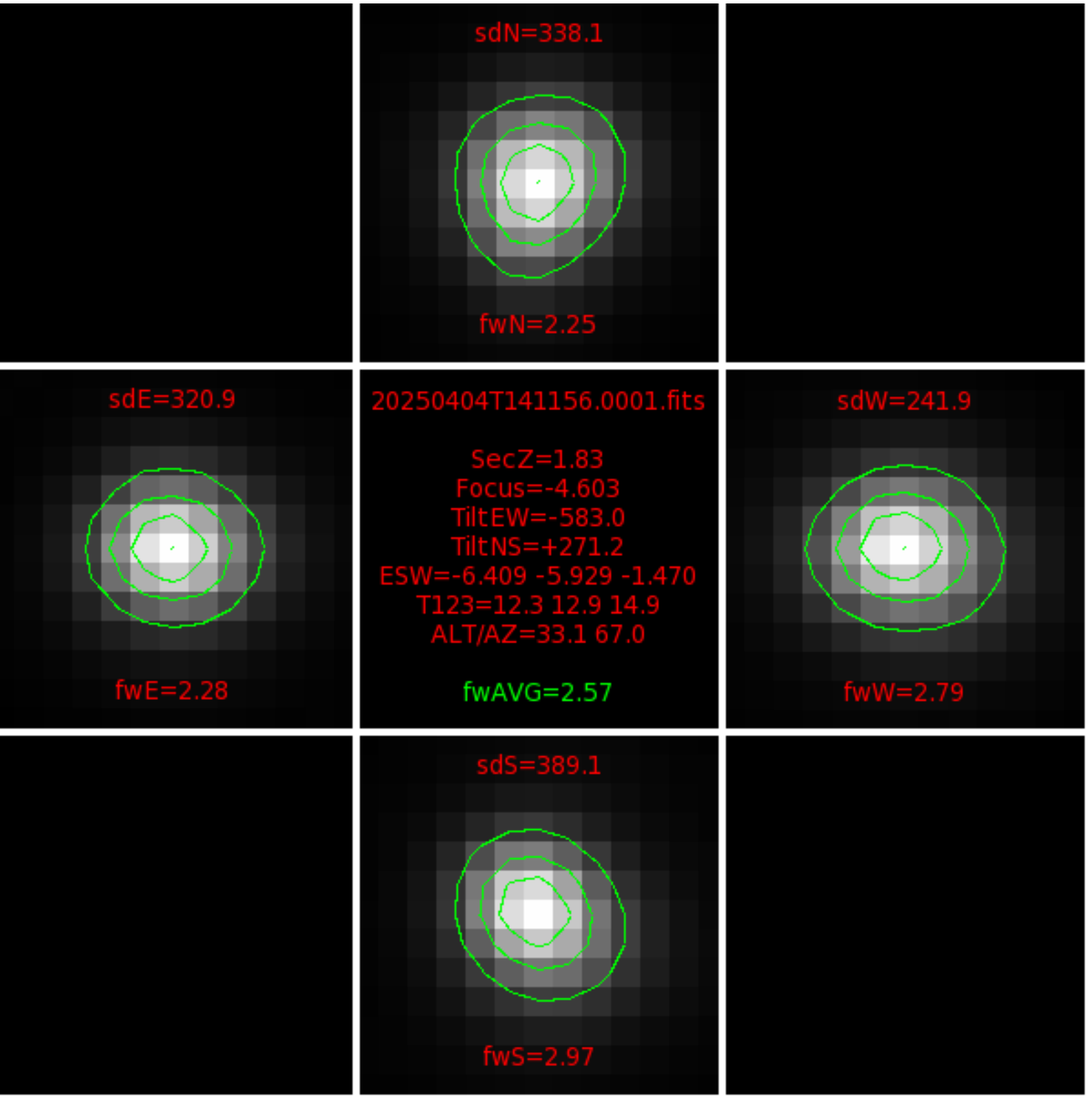
sdN=338.1
fwN=2.25
sdE=320.9
fwE=2.28
20250404T141156.0001.fits
SecZ=1.83
Focus=-4.603
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.409 -5.929 -1.470
T123=12.3 12.9 14.9
ALT/AZ=33.1 67.0
fwAVG=2.57
sdW=241.9
fwW=2.79
sdS=389.1
fwS=2.97
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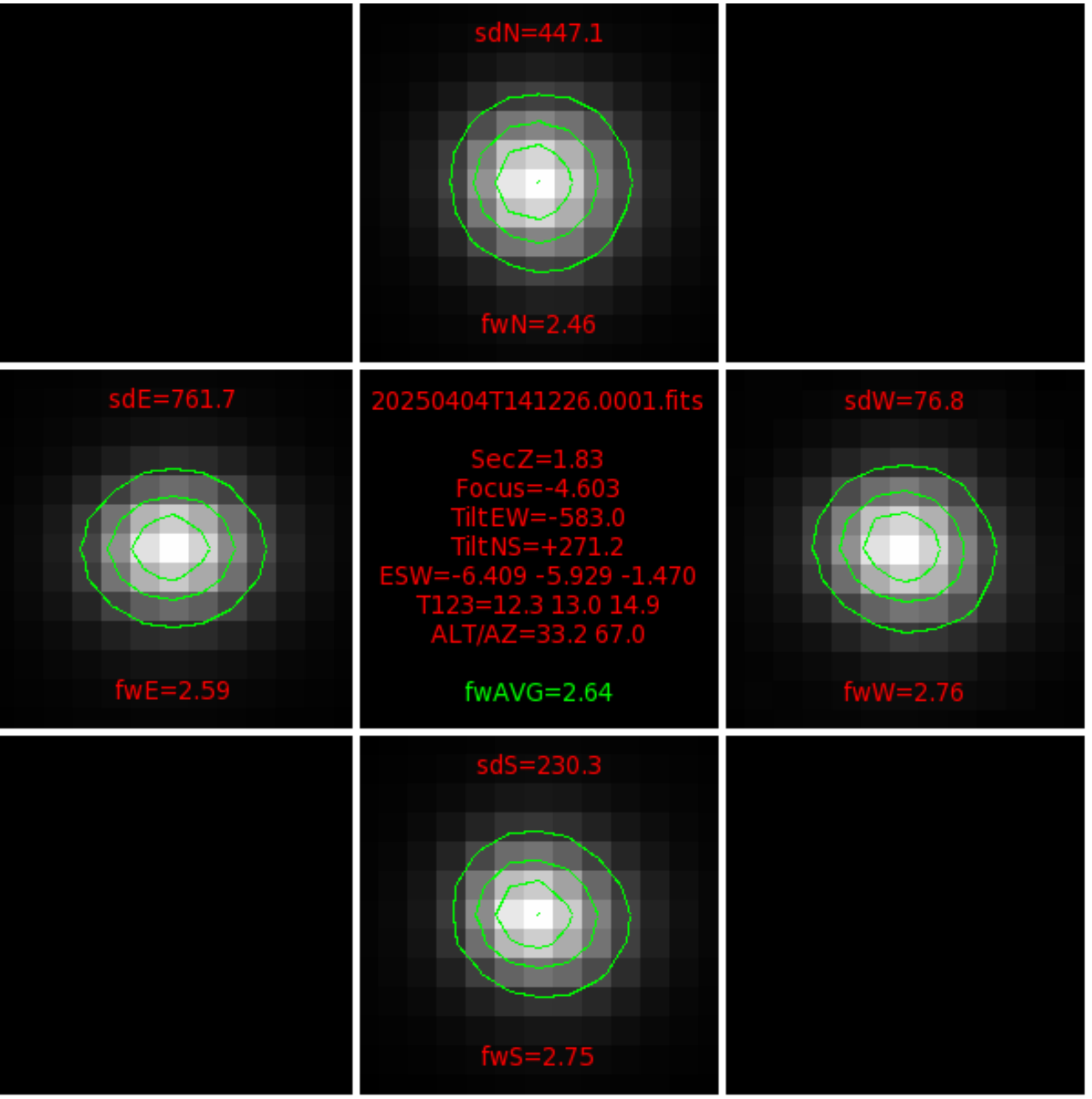
sdN=447.1
fwN=2.46
sdE=761.7
fwE=2.59
20250404T141226.0001.fits
SecZ=1.83
Focus=-4.603
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.409 -5.929 -1.470
T123=12.3 13.0 14.9
ALT/AZ=33.2 67.0
fwAVG=2.64
sdW=76.8
fwW=2.76
sdS=230.3
fwS=2.75
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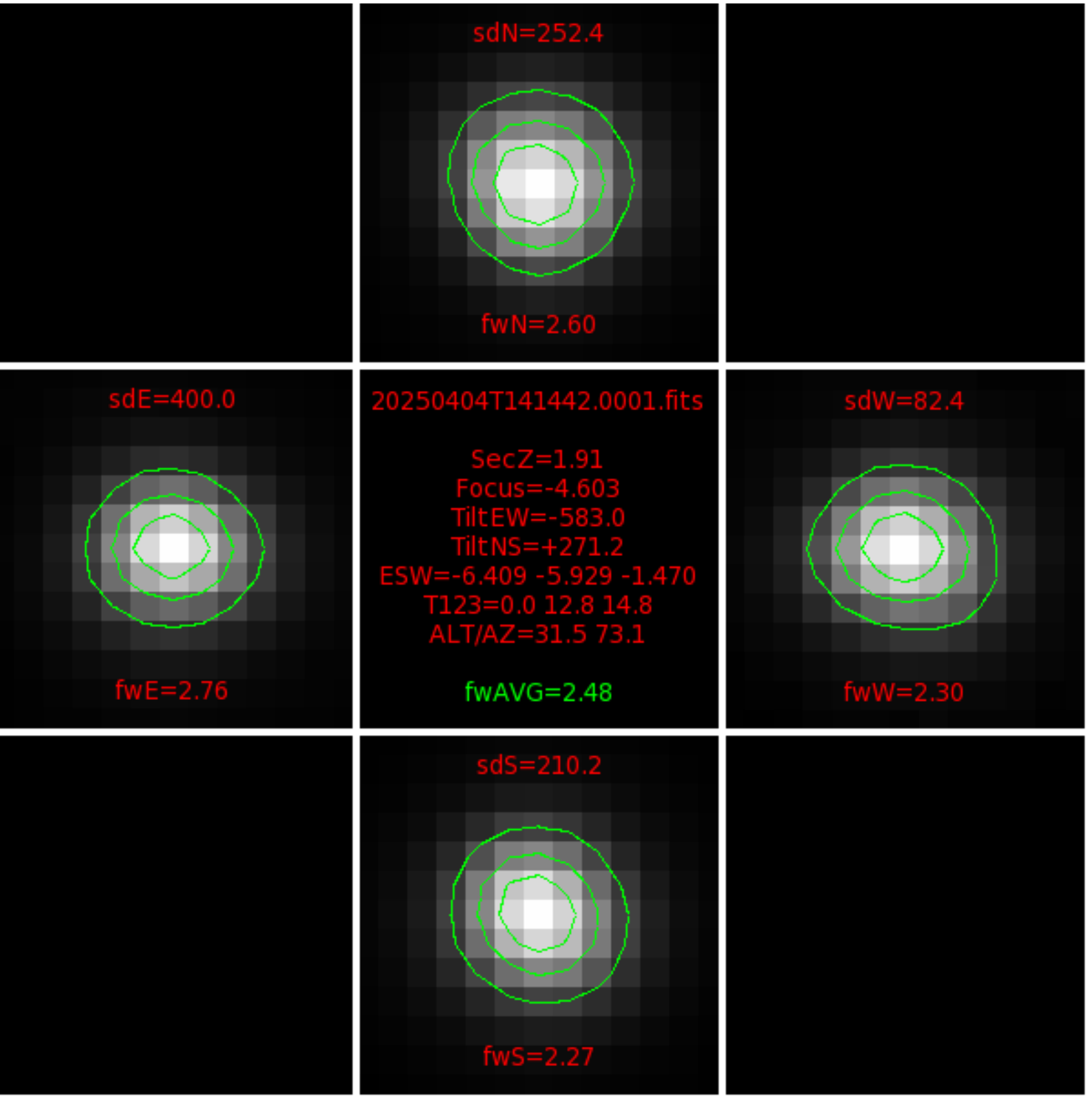
sdN=252.4
fwN=2.60
sdE=400.0
fwE=2.76
20250404T141442.0001.fits
SecZ=1.91
Focus=-4.603
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.409 -5.929 -1.470
T123=0.0 12.8 14.8
ALT/AZ=31.5 73.1
fwAVG=2.48
sdW=82.4
fwW=2.30
sdS=210.2
fwS=2.27
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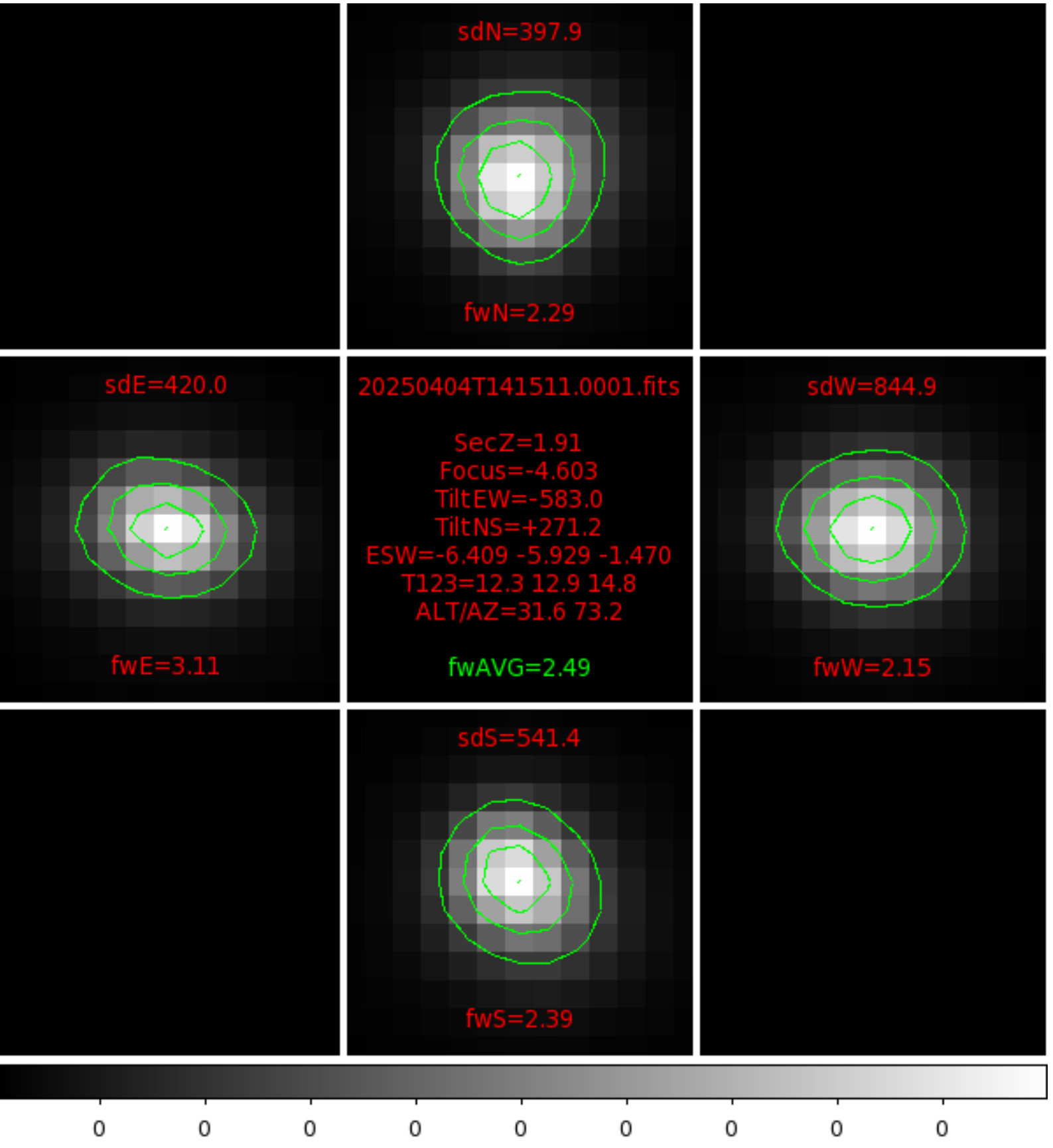
sdN=397.9
fwN=2.29
sdE=420.0
fwE=3.11
20250404T141511.0001.fits
SecZ=1.91
Focus=-4.603
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.409 -5.929 -1.470
T123=12.3 12.9 14.8
ALT/AZ=31.6 73.2
fwAVG=2.49
sdW=844.9
fwW=2.15
sdS=541.4
fwS=2.39
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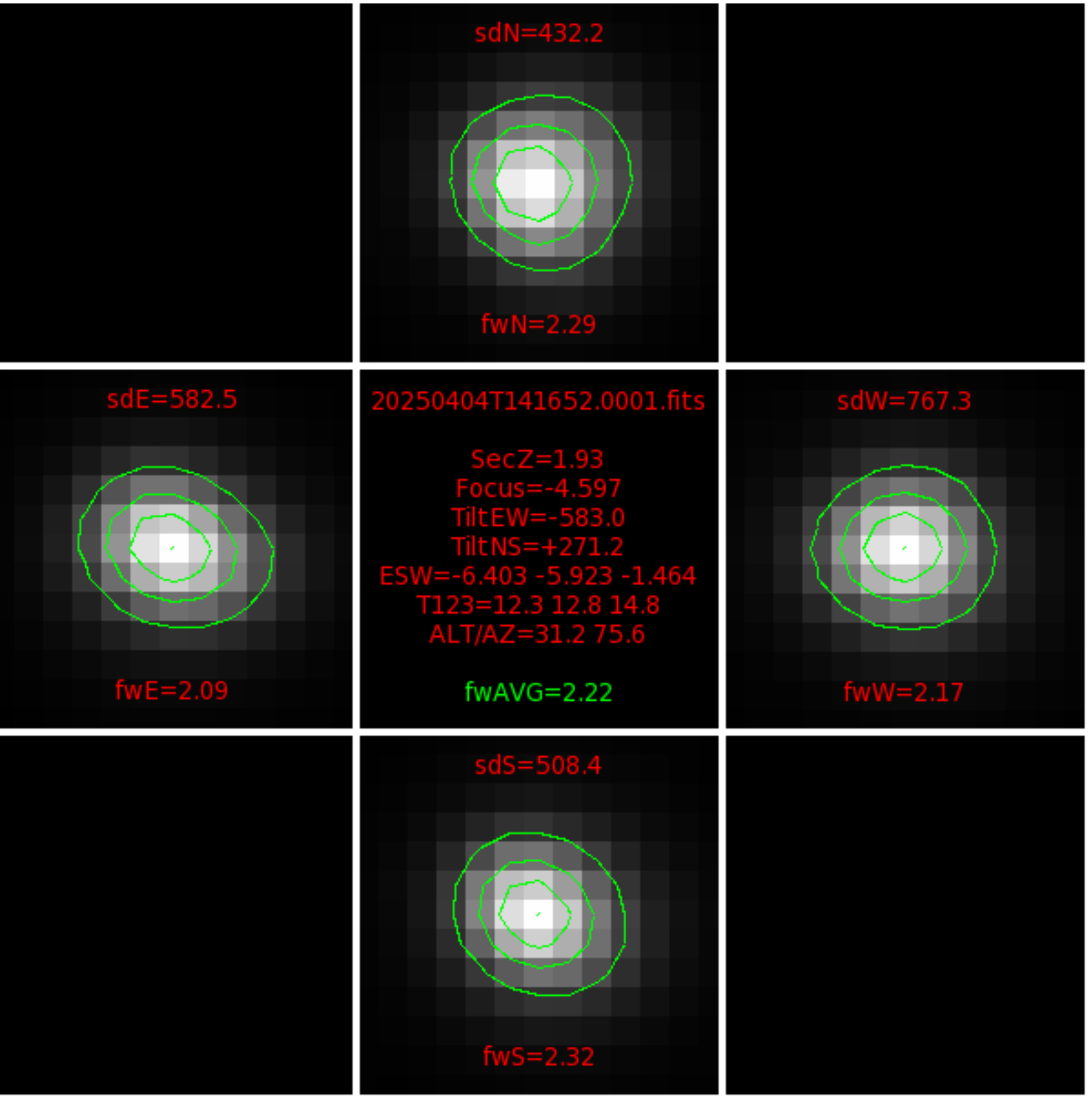
sdN=432.2
fwN=2.29
sdE=582.5
fwE=2.09
20250404T141652.0001.fits
SecZ=1.93
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.3 12.8 14.8
ALT/AZ=31.2 75.6
fwAVG=2.22
sdW=767.3
fwW=2.17
sdS=508.4
fwS=2.32
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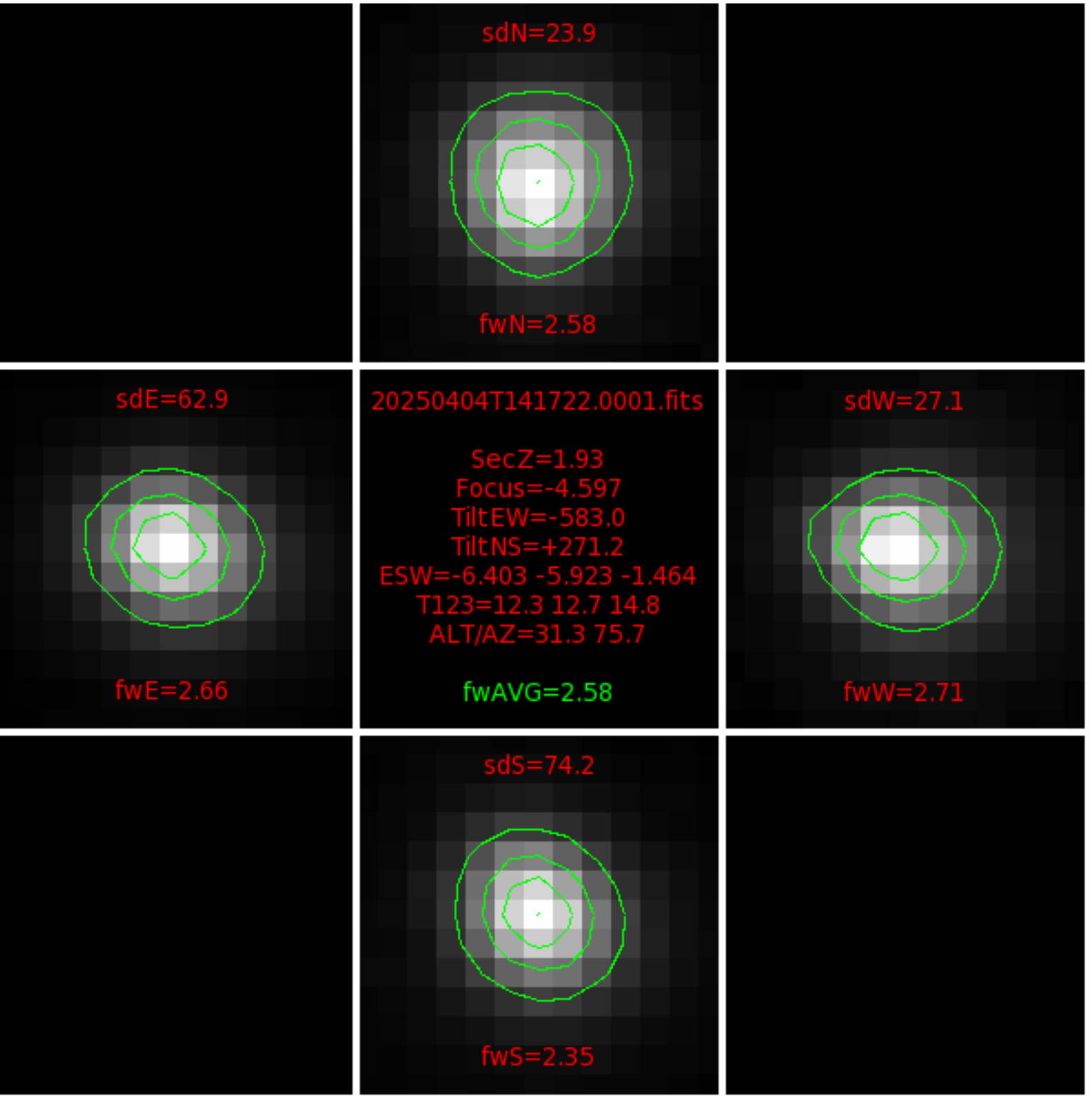
sdN=23.9
fwN=2.58
sdE=62.9
fwE=2.66
20250404T141722.0001.fits
SecZ=1.93
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.3 12.7 14.8
ALT/AZ=31.3 75.7
fwAVG=2.58
sdW=27.1
fwW=2.71
sdS=74.2
fwS=2.35
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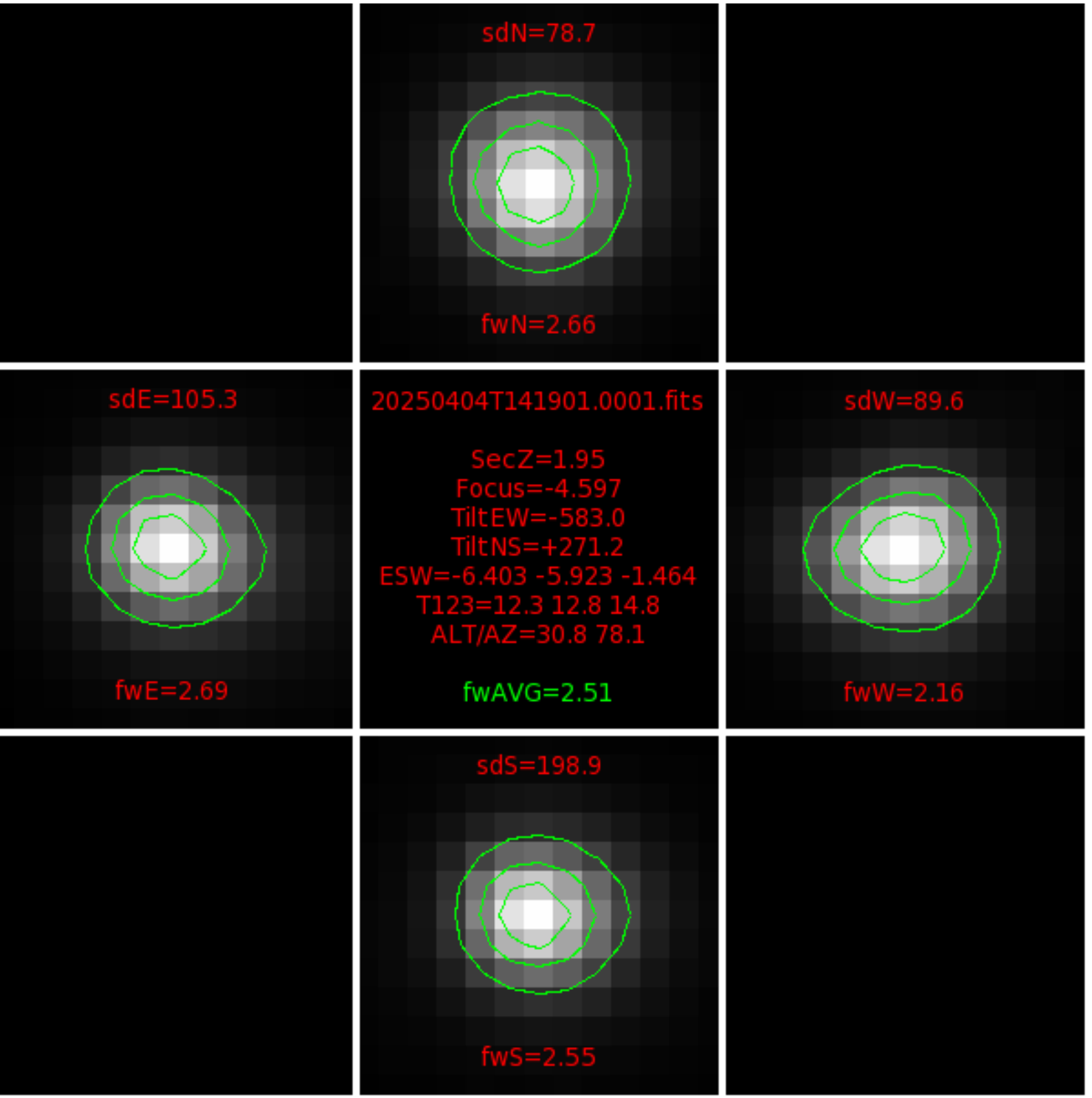
sdN=78.7
fwN=2.66
sdE=105.3
fwE=2.69
20250404T141901.0001.fits
SecZ=1.95
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.3 12.8 14.8
ALT/AZ=30.8 78.1
fwAVG=2.51
sdW=89.6
fwW=2.16
sdS=198.9
fwS=2.55
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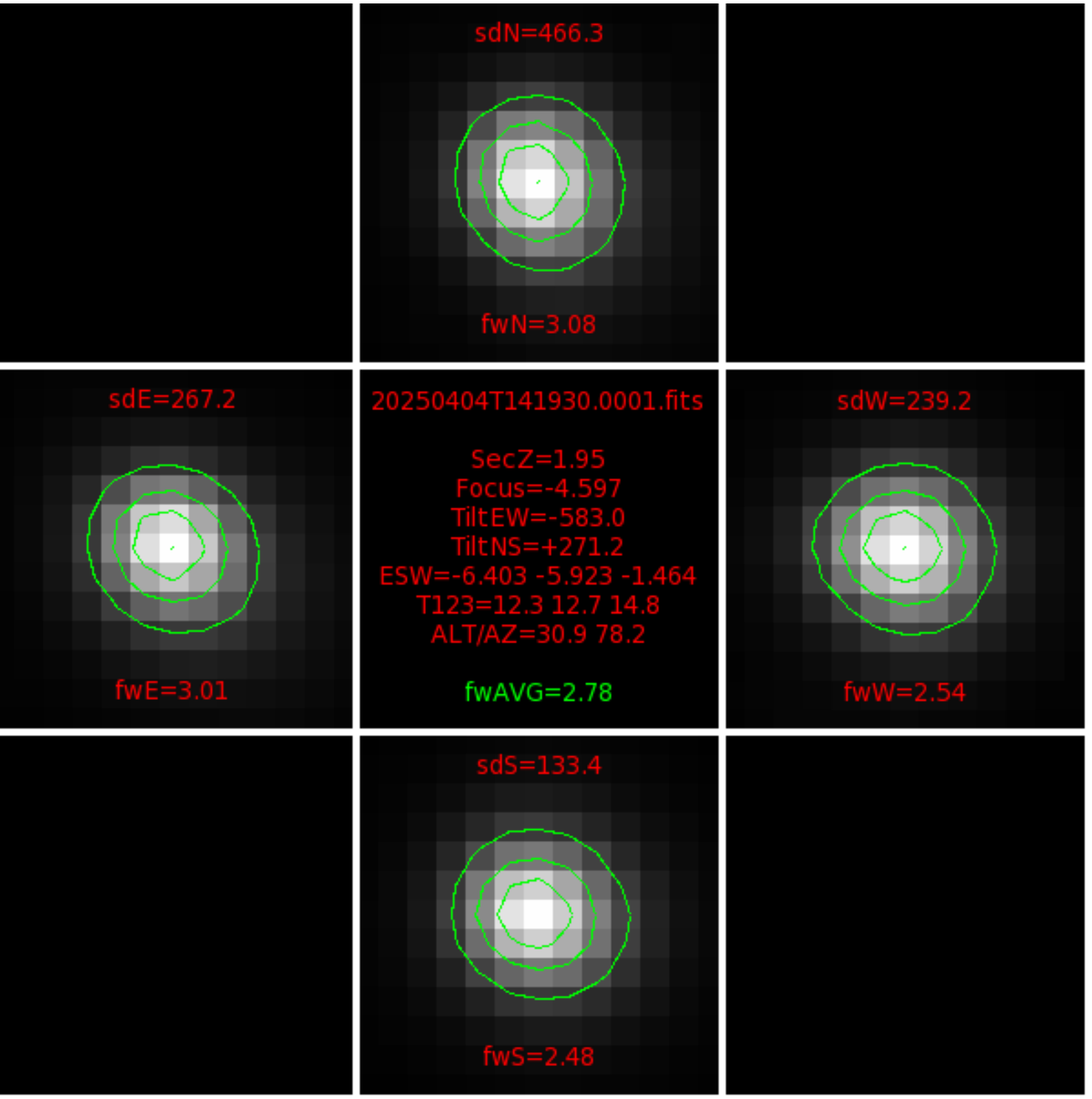
sdN=466.3
fwN=3.08
sdE=267.2
fwE=3.01
20250404T141930.0001.fits
SecZ=1.95
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.3 12.7 14.8
ALT/AZ=30.9 78.2
fwAVG=2.78
sdW=239.2
fwW=2.54
sdS=133.4
fwS=2.48
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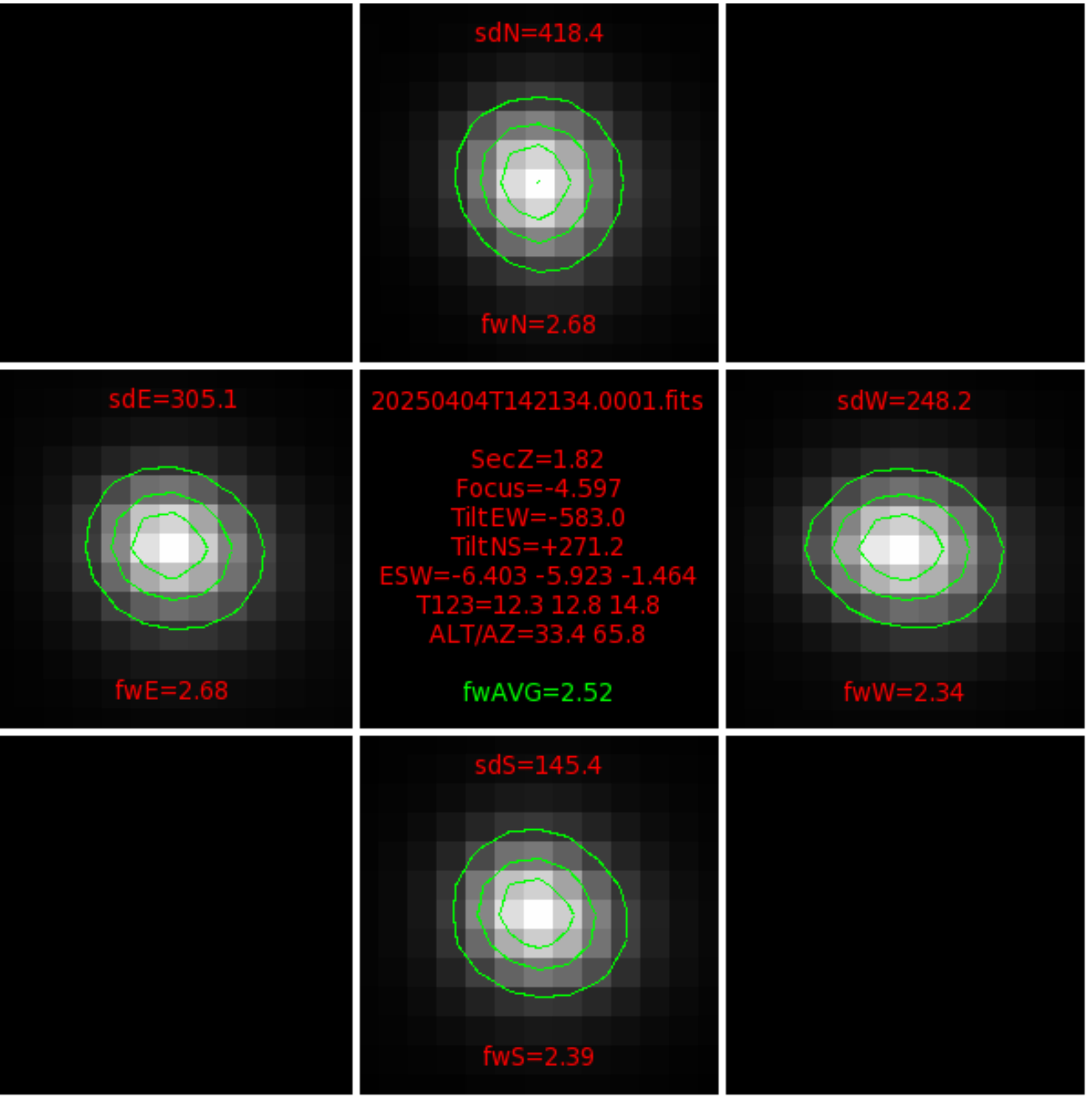
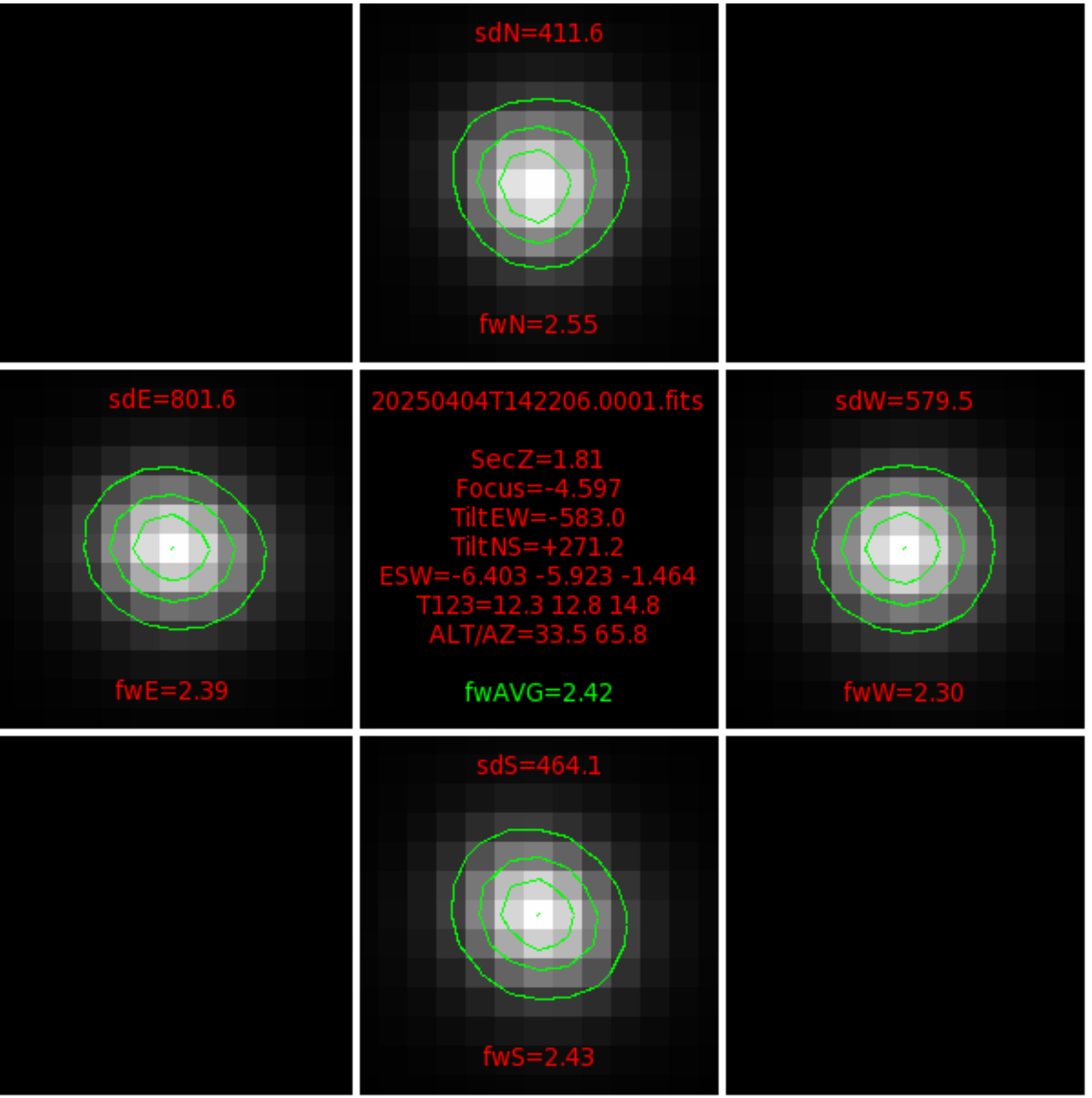

sdN=418.4
fwN=2.68
sdE=305.1
fwE=2.68
20250404T142134.0001.fits
SecZ=1.82
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.3 12.8 14.8
ALT/AZ=33.4 65.8
fwAVG=2.52
sdW=248.2
fwW=2.34
sdS=145.4
fwS=2.39
0 0 0 0 0 0 0 0 0


sdN=411.6
fwN=2.55
sdE=801.6
fwE=2.39
20250404T142206.0001.fits
SecZ=1.81
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.3 12.8 14.8
ALT/AZ=33.5 65.8
fwAVG=2.42
sdW=579.5
fwW=2.30
sdS=464.1
fwS=2.43
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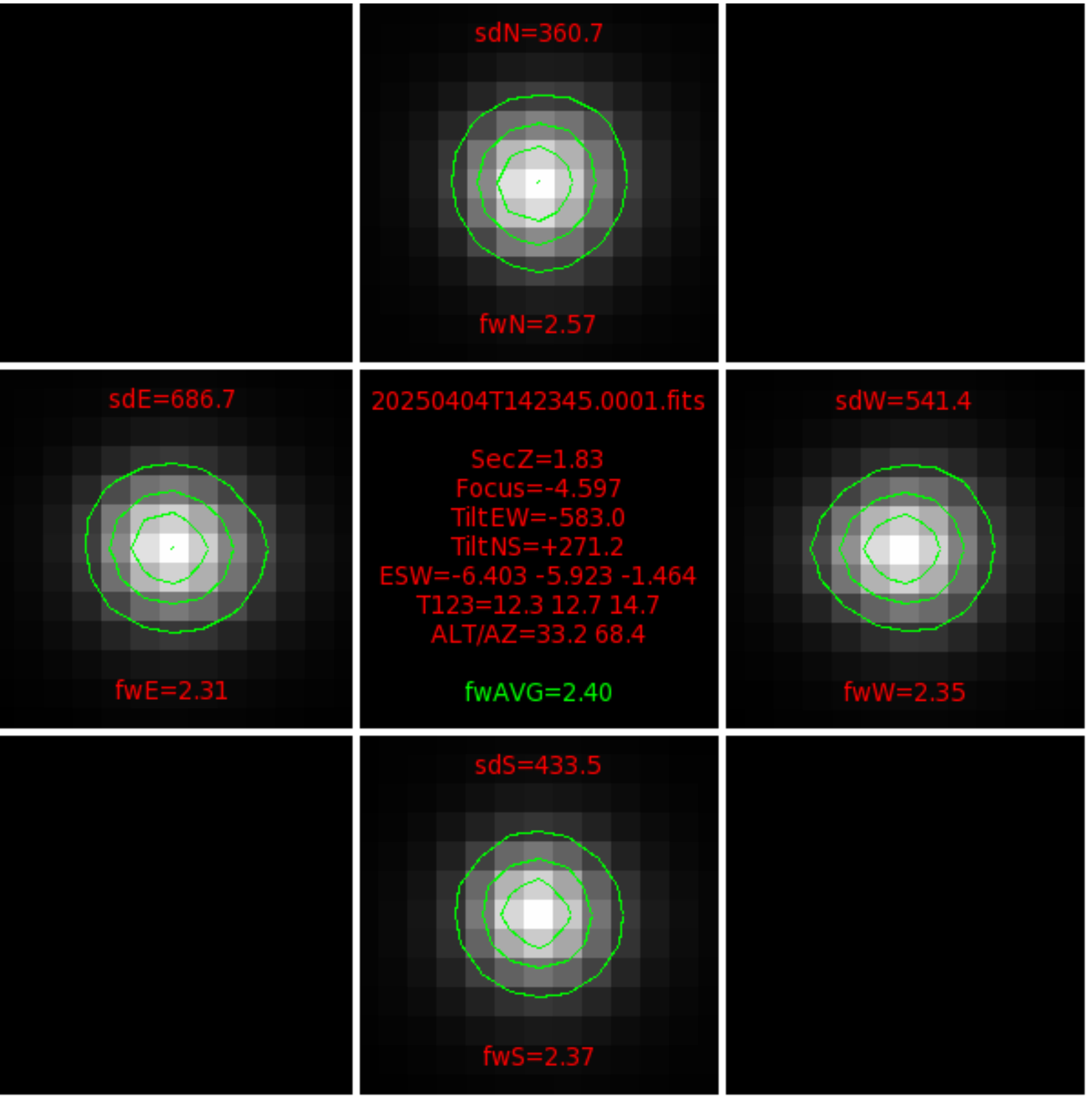
sdN=360.7
fwN=2.57
sdE=686.7
fwE=2.31
20250404T142345.0001.fits
SecZ=1.83
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.3 12.7 14.7
ALT/AZ=33.2 68.4
fwAVG=2.40
sdW=541.4
fwW=2.35
sdS=433.5
fwS=2.37
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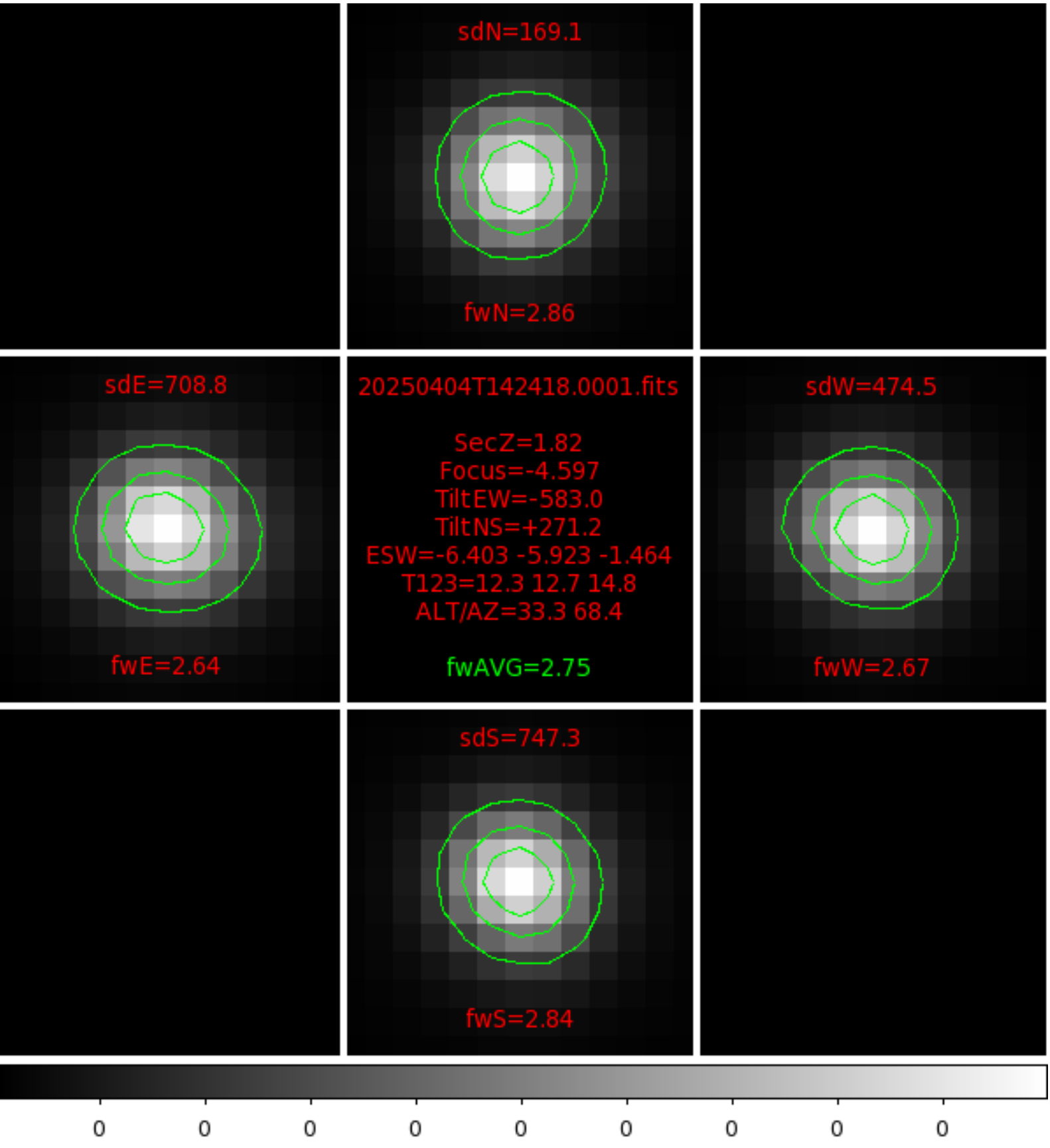
sdN=169.1
fwN=2.86
sdE=708.8
fwE=2.64
20250404T142418.0001.fits
SecZ=1.82
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.3 12.7 14.8
ALT/AZ=33.3 68.4
fwAVG=2.75
sdW=474.5
fwW=2.67
sdS=747.3
fwS=2.84
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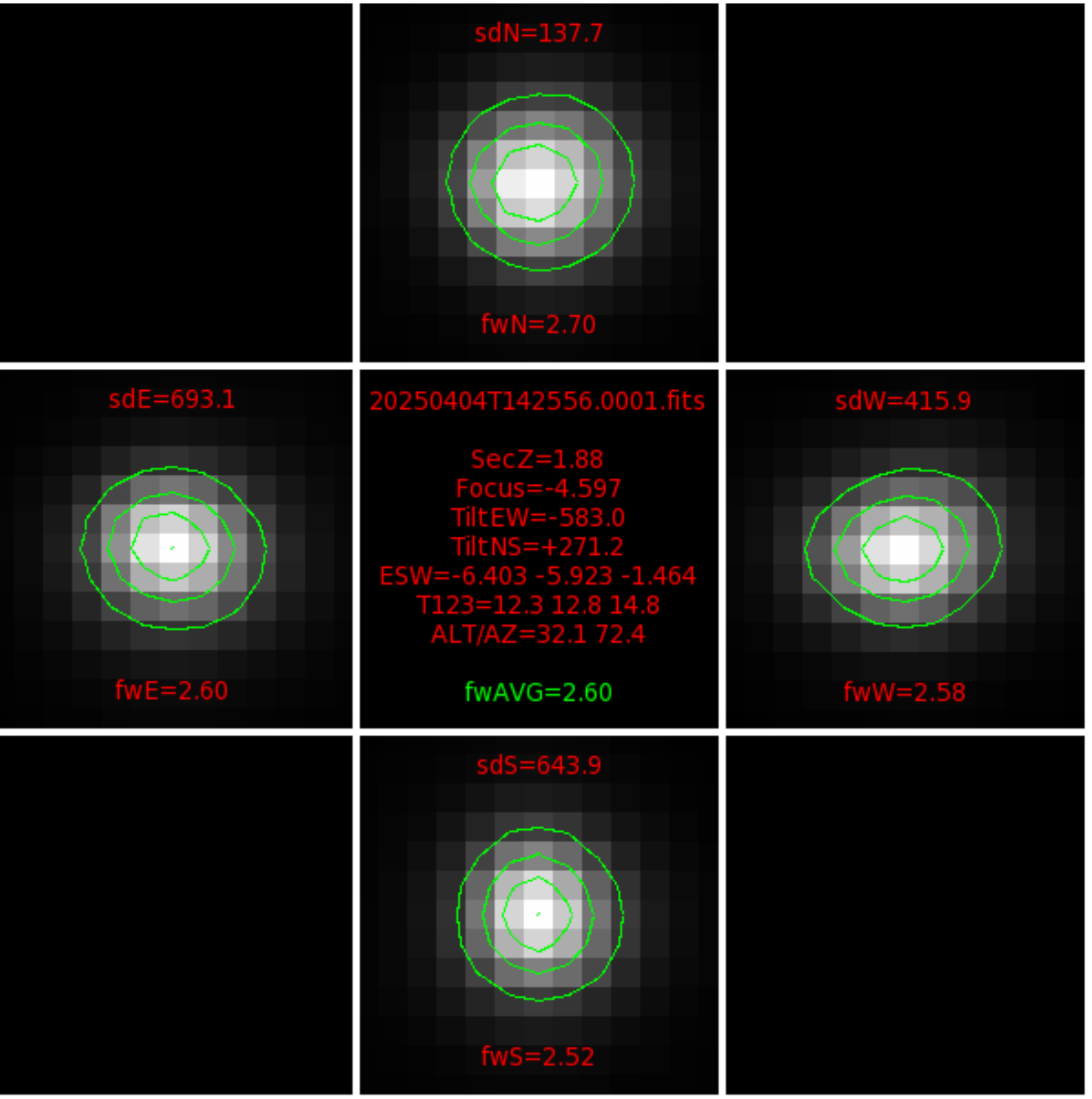
sdN=137.7
fwN=2.70
sdE=693.1
fwE=2.60
20250404T142556.0001.fits
SecZ=1.88
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.3 12.8 14.8
ALT/AZ=32.1 72.4
fwAVG=2.60
sdW=415.9
fwW=2.58
sdS=643.9
fwS=2.52
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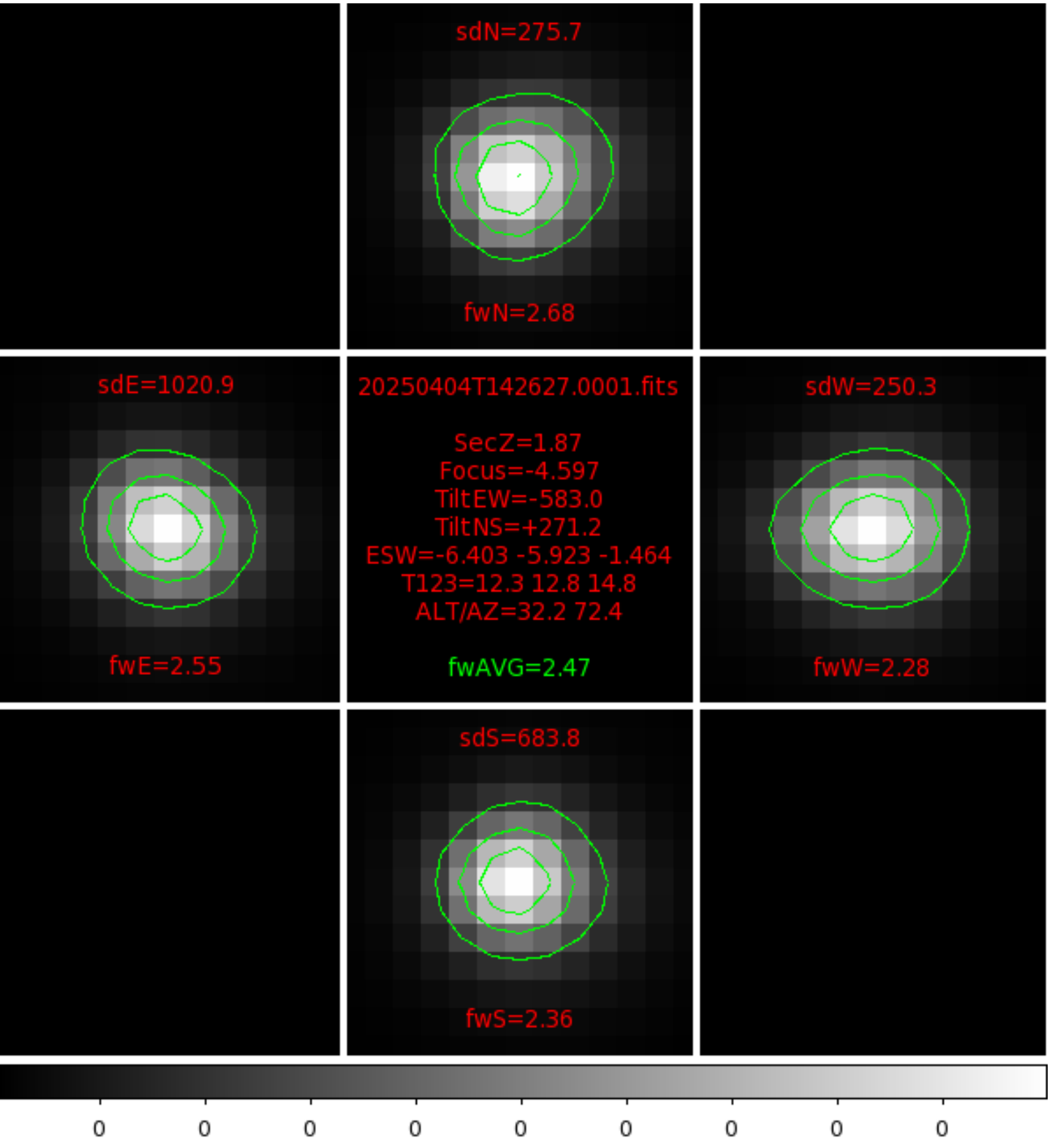
sdN=275.7
fwN=2.68
sdE=1020.9
fwE=2.55
20250404T142627.0001.fits
SecZ=1.87
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.3 12.8 14.8
ALT/AZ=32.2 72.4
fwAVG=2.47
sdW=250.3
fwW=2.28
sdS=683.8
fwS=2.36
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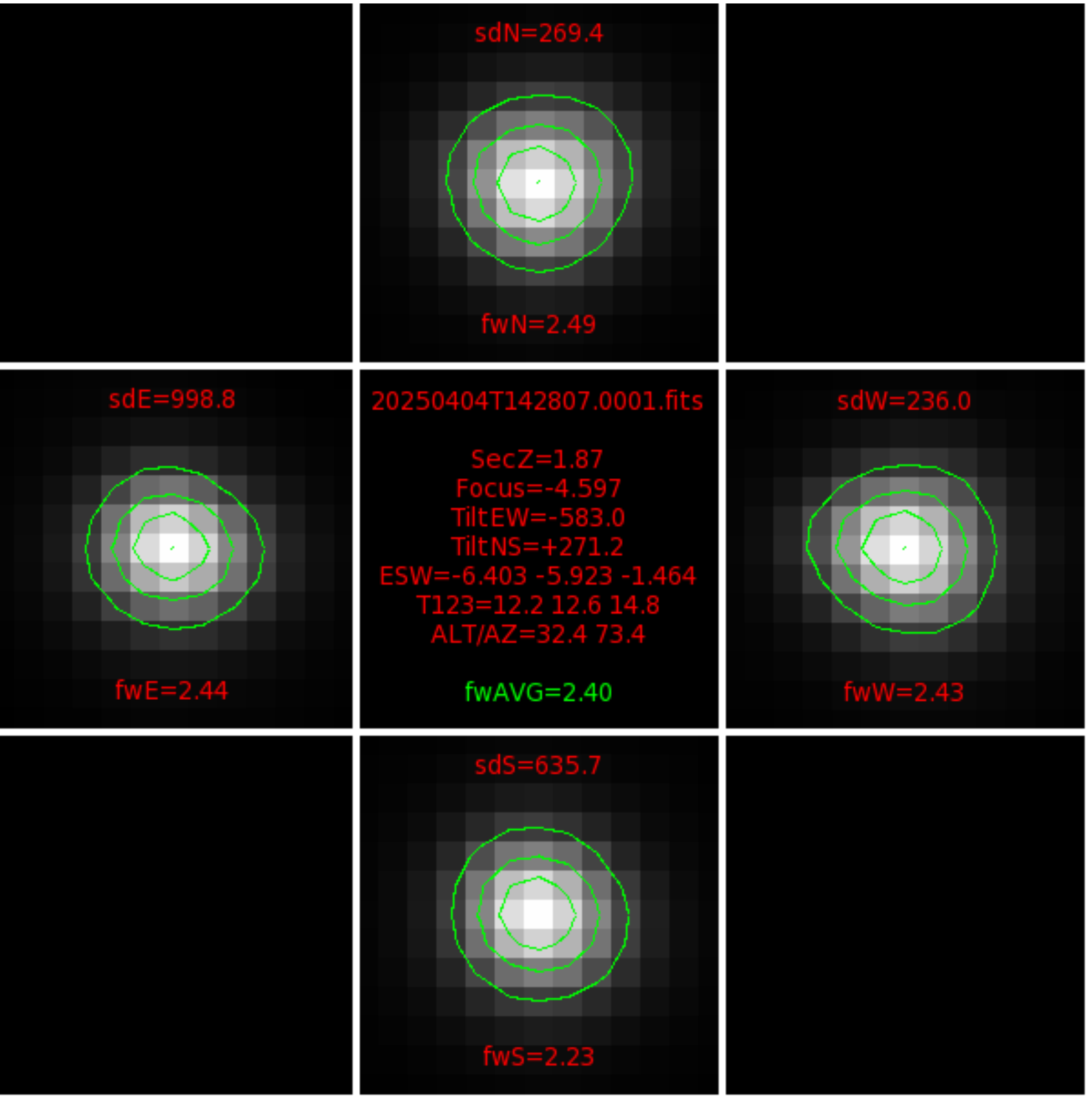
sdN=269.4
fwN=2.49
sdE=998.8
fwE=2.44
20250404T142807.0001.fits
SecZ=1.87
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.2 12.6 14.8
ALT/AZ=32.4 73.4
fwAVG=2.40
sdW=236.0
fwW=2.43
sdS=635.7
fwS=2.23
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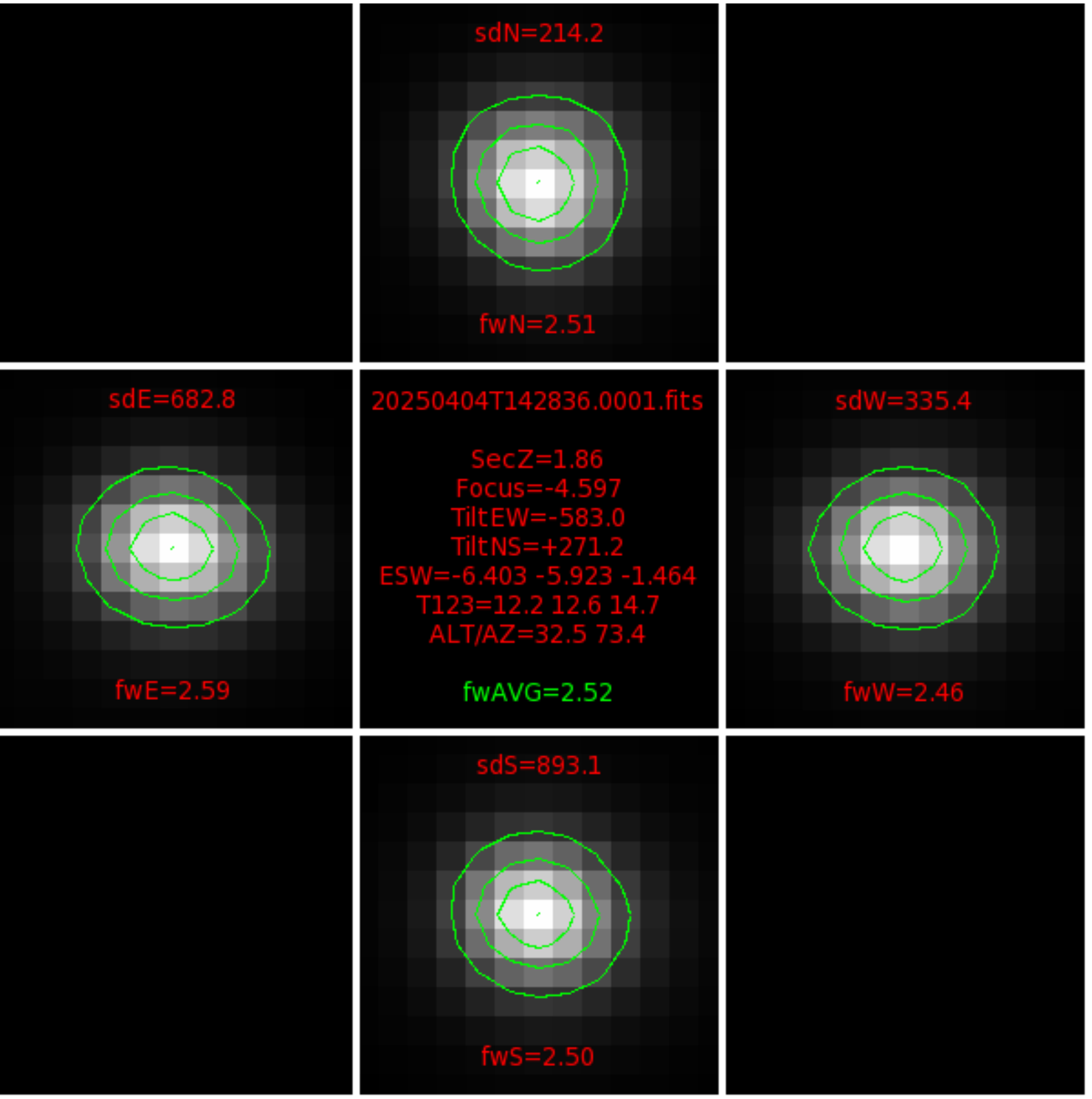
sdN=214.2
fwN=2.51
sdE=682.8
fwE=2.59
20250404T142836.0001.fits
SecZ=1.86
Focus=-4.597
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.403 -5.923 -1.464
T123=12.2 12.6 14.7
ALT/AZ=32.5 73.4
fwAVG=2.52
sdW=335.4
fwW=2.46
sdS=893.1
fwS=2.50
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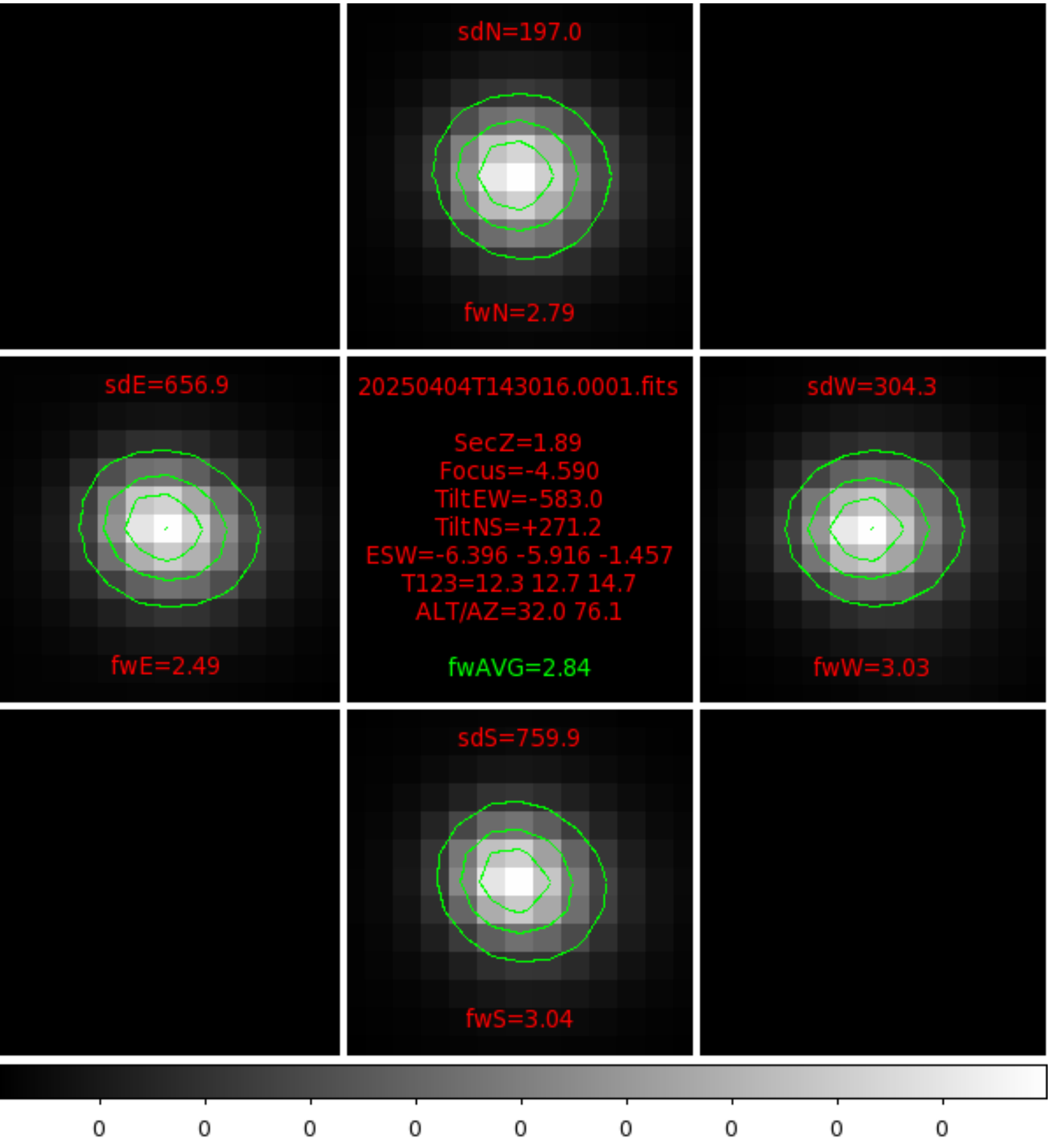
sdN=197.0
fwN=2.79
sdE=656.9
fwE=2.49
20250404T143016.0001.fits
SecZ=1.89
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.7 14.7
ALT/AZ=32.0 76.1
fwAVG=2.84
sdW=304.3
fwW=3.03
sdS=759.9
fwS=3.04
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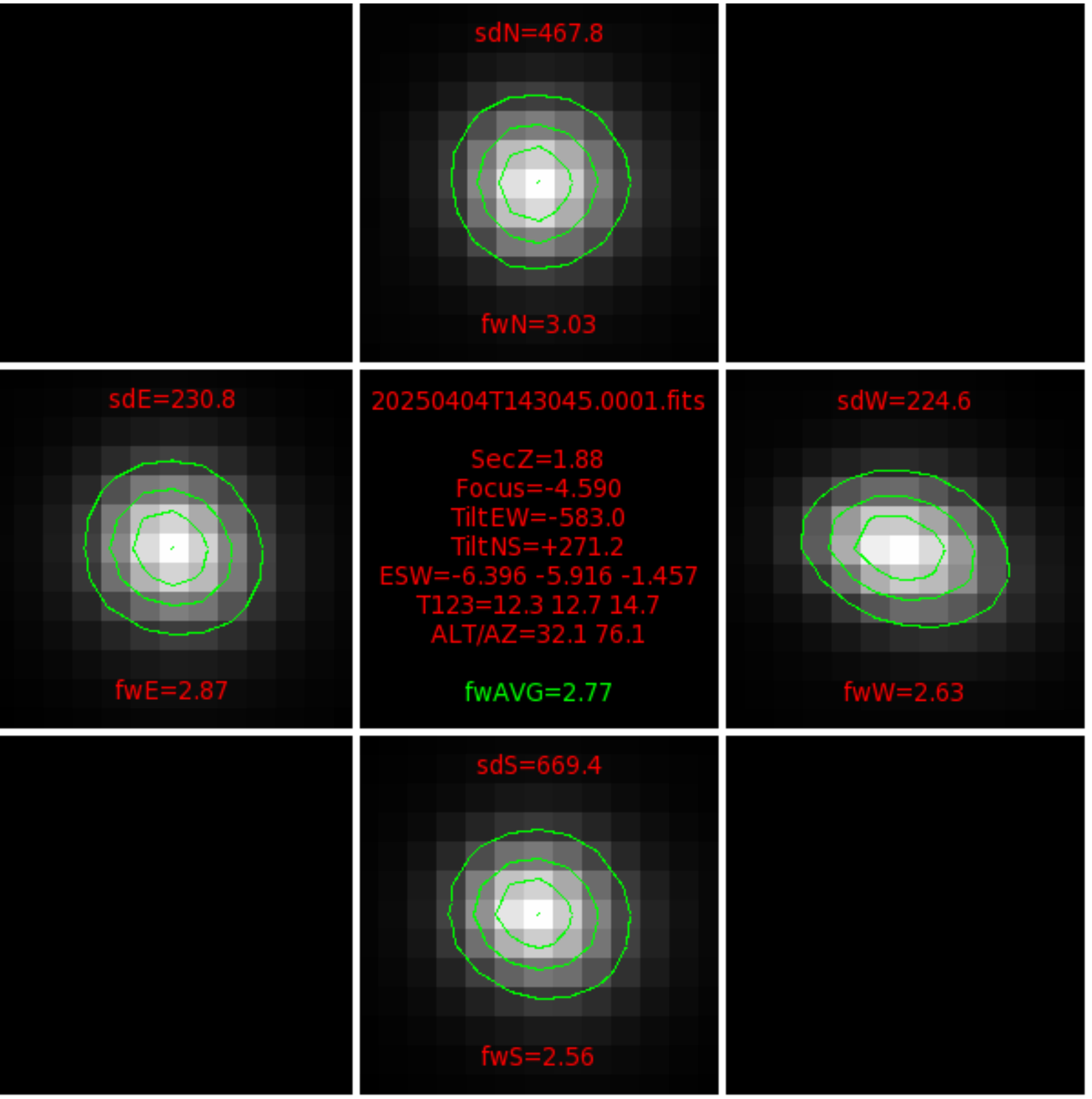
sdN=467.8
fwN=3.03
sdE=230.8
fwE=2.87
20250404T143045.0001.fits
SecZ=1.88
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.7 14.7
ALT/AZ=32.1 76.1
fwAVG=2.77
sdW=224.6
fwW=2.63
sdS=669.4
fwS=2.56
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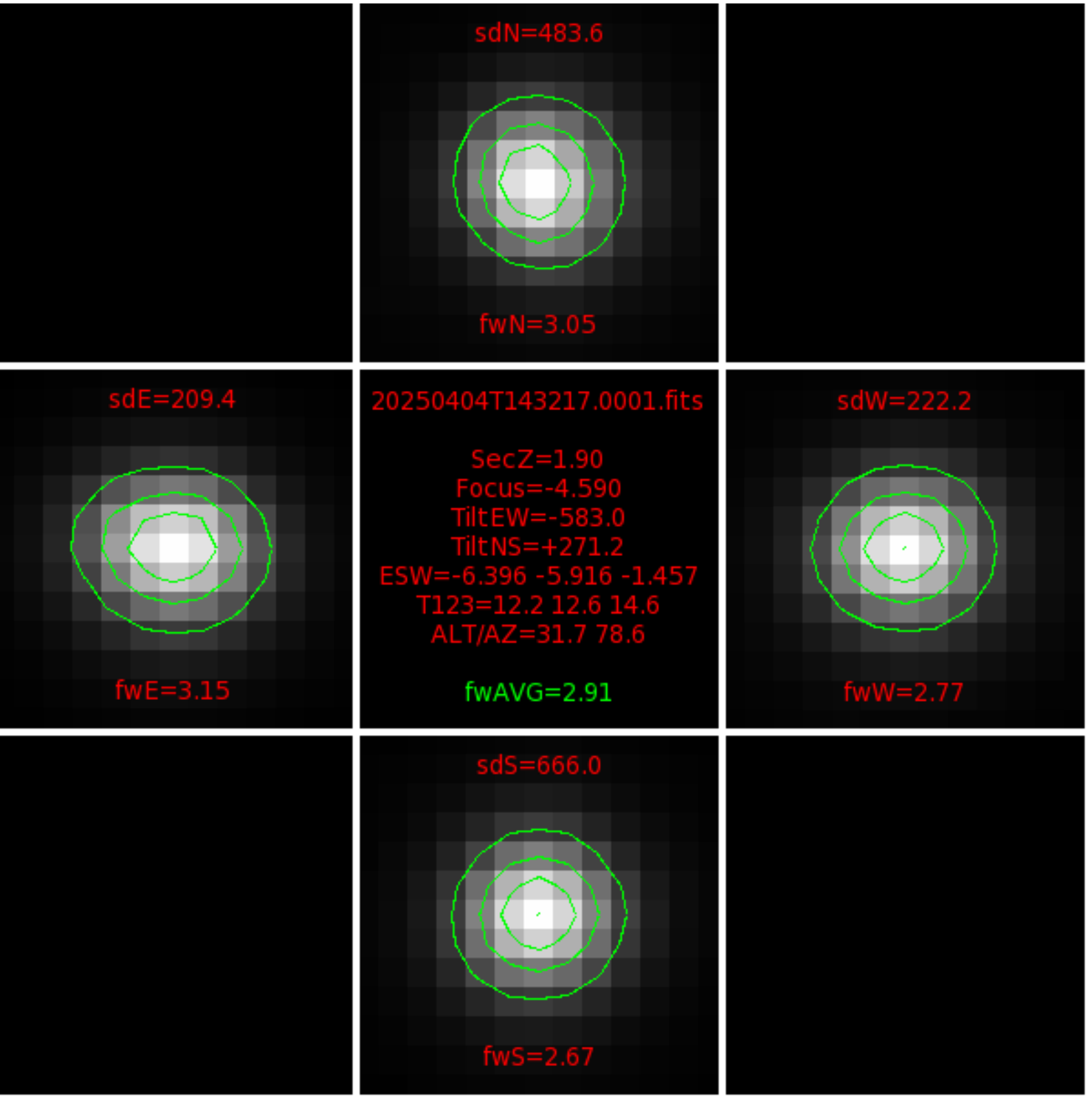
sdN=483.6
fwN=3.05
sdE=209.4
fwE=3.15
20250404T143217.0001.fits
SecZ=1.90
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.2 12.6 14.6
ALT/AZ=31.7 78.6
fwAVG=2.91
sdW=222.2
fwW=2.77
sdS=666.0
fwS=2.67
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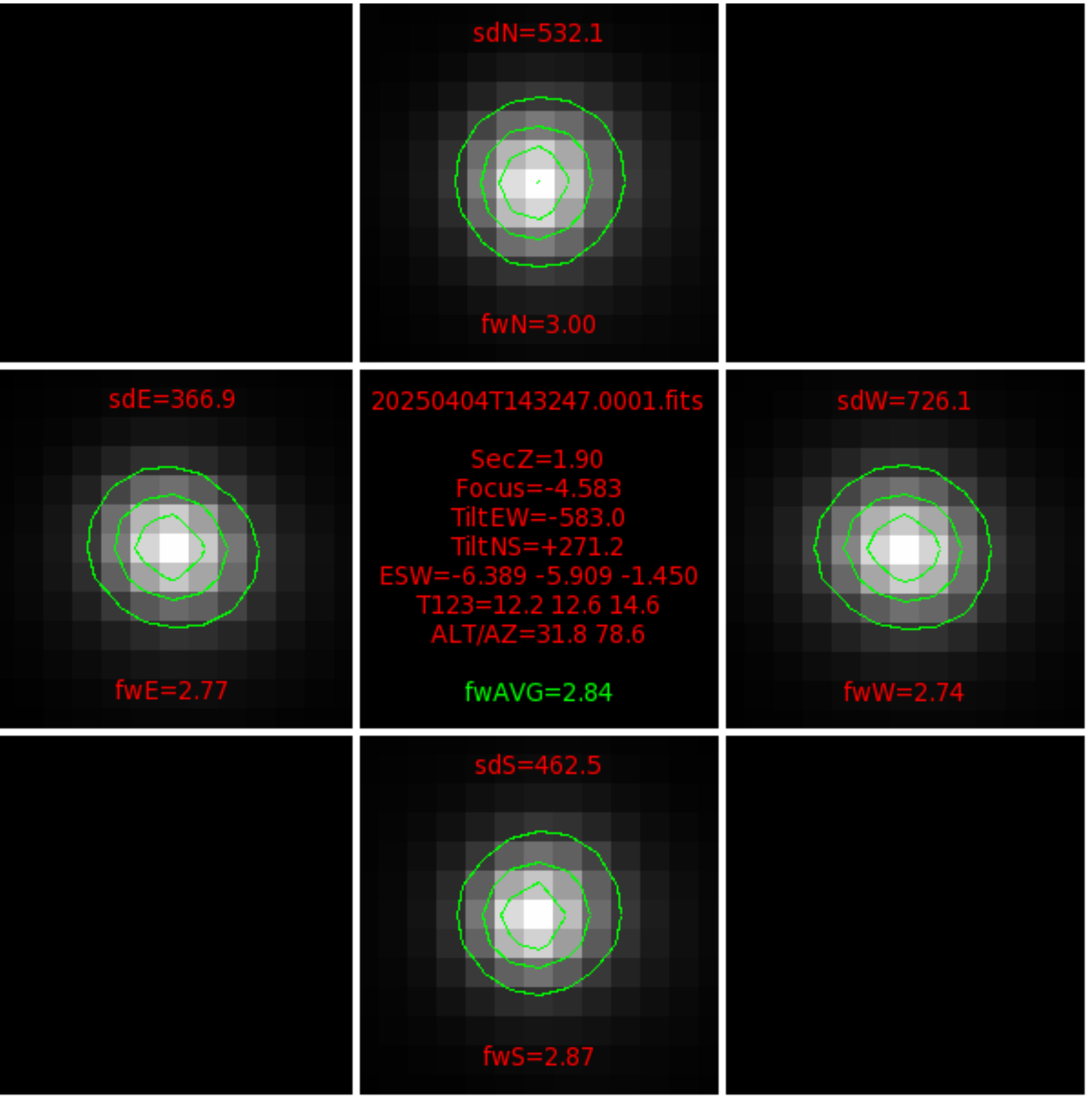
sdN=532.1
fwN=3.00
sdE=366.9
fwE=2.77
20250404T143247.0001.fits
SecZ=1.90
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=12.2 12.6 14.6
ALT/AZ=31.8 78.6
fwAVG=2.84
sdW=726.1
fwW=2.74
sdS=462.5
fwS=2.87
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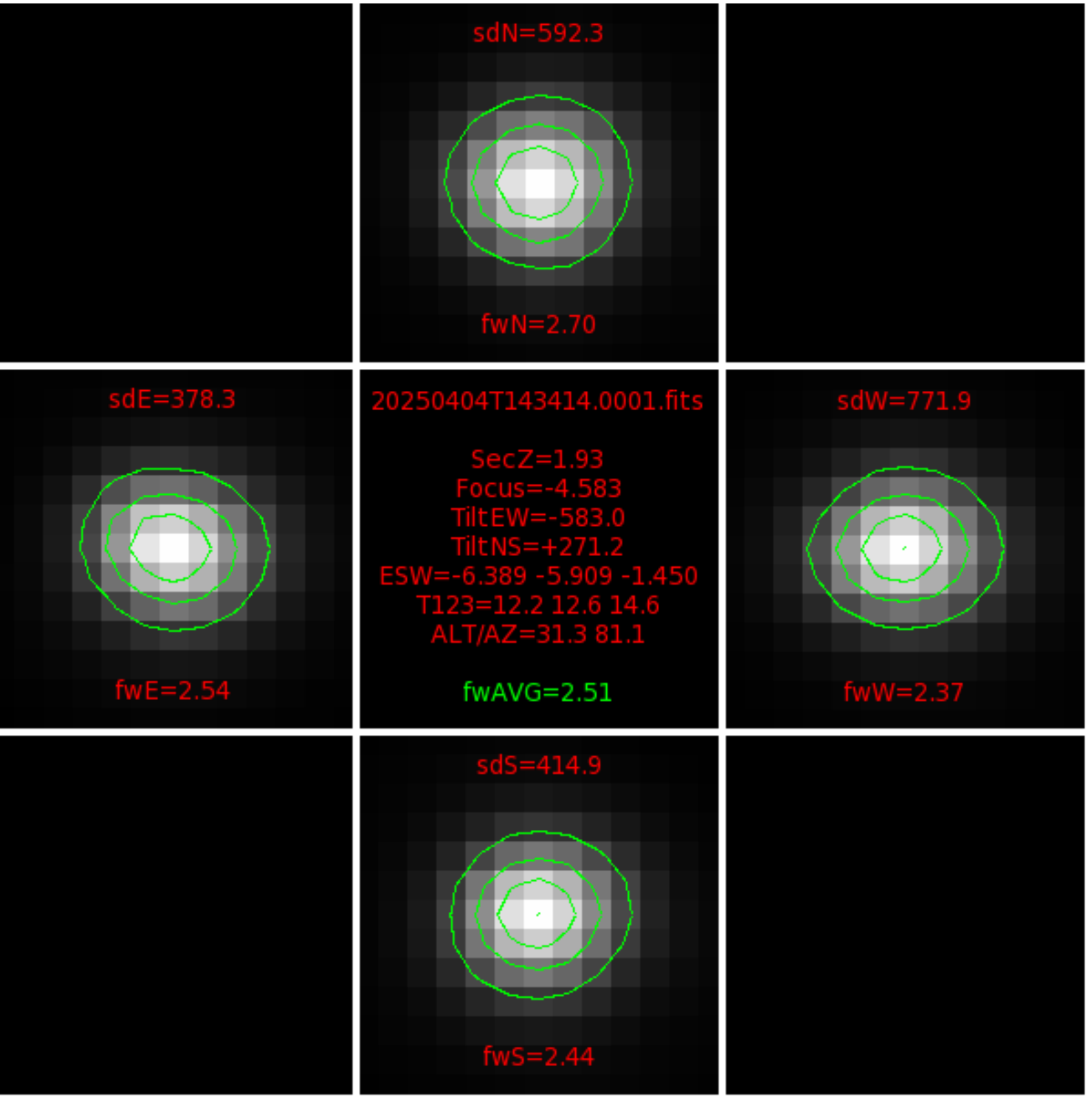
sdN=592.3
fwN=2.70
sdE=378.3
fwE=2.54
20250404T143414.0001.fits
SecZ=1.93
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=12.2 12.6 14.6
ALT/AZ=31.3 81.1
fwAVG=2.51
sdW=771.9
fwW=2.37
sdS=414.9
fwS=2.44
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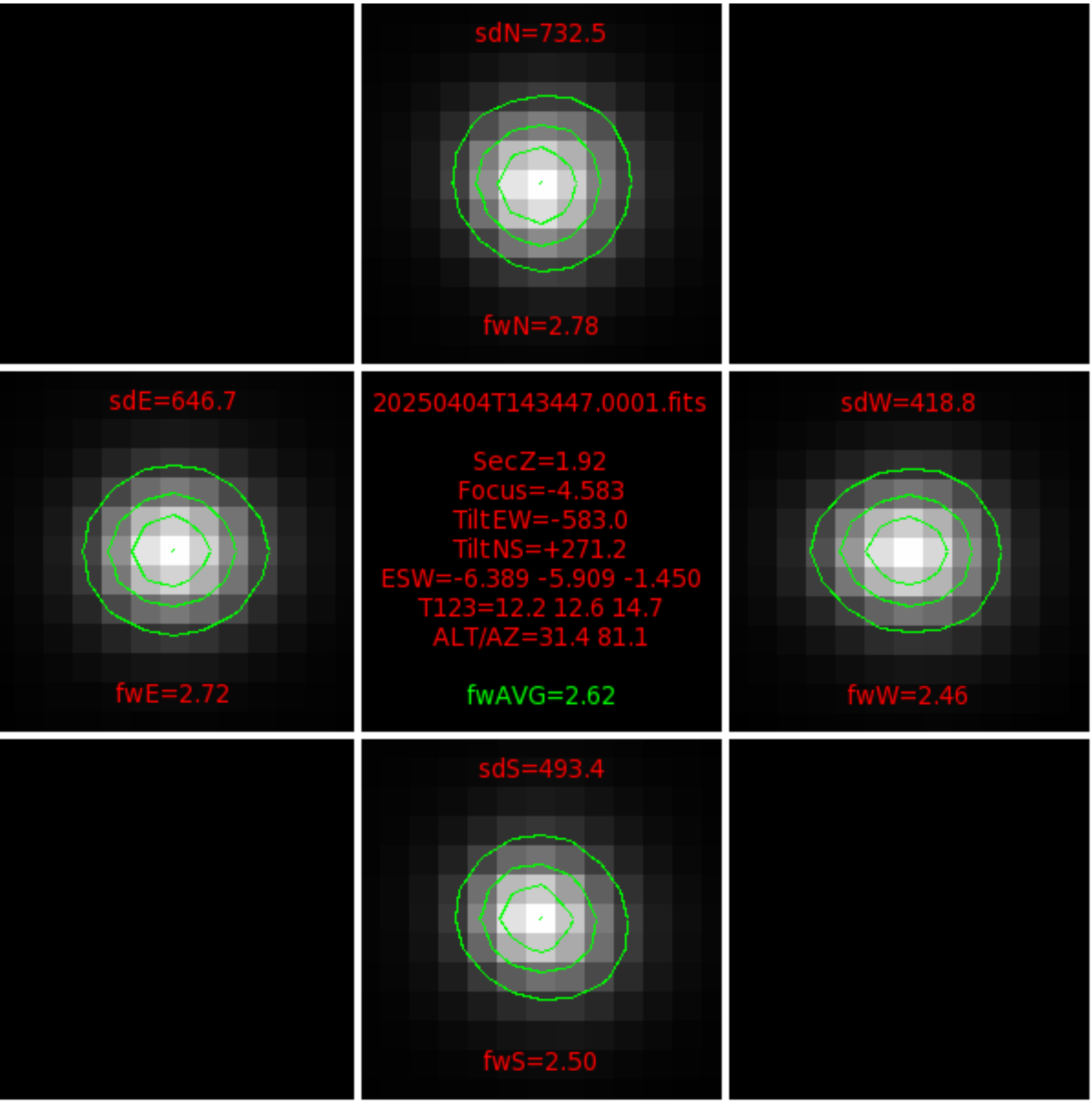
sdN=732.5
fwN=2.78
sdE=646.7
fwE=2.72
20250404T143447.0001.fits
SecZ=1.92
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=12.2 12.6 14.7
ALT/AZ=31.4 81.1
fwAVG=2.62
sdW=418.8
fwW=2.46
sdS=493.4
fwS=2.50
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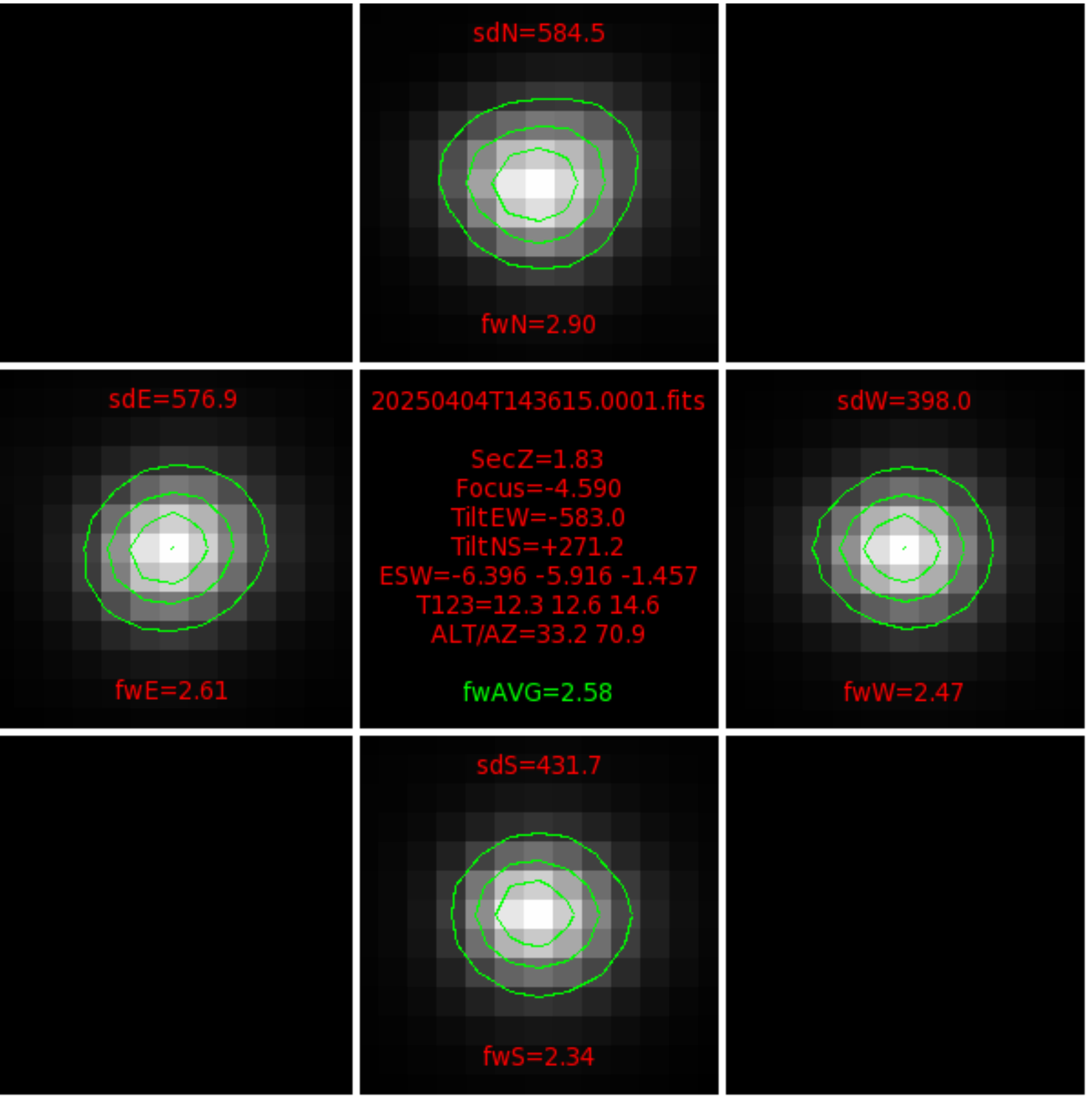
sdN=584.5
fwN=2.90
sdE=576.9
fwE=2.61
20250404T143615.0001.fits
SecZ=1.83
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=12.3 12.6 14.6
ALT/AZ=33.2 70.9
fwAVG=2.58
sdW=398.0
fwW=2.47
sdS=431.7
fwS=2.34
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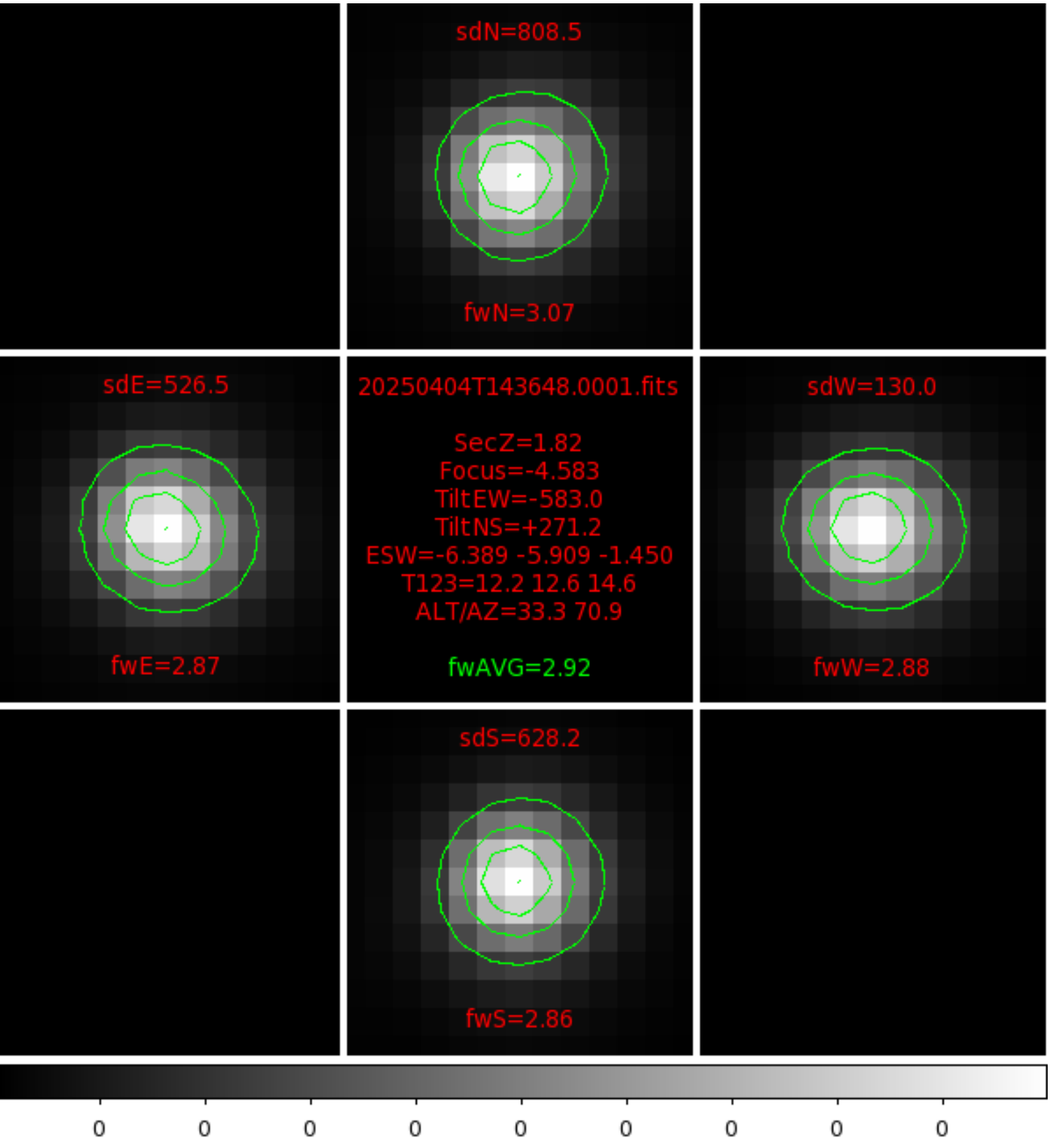
sdN=808.5
fwN=3.07
sdE=526.5
fwE=2.87
20250404T143648.0001.fits
SecZ=1.82
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=12.2 12.6 14.6
ALT/AZ=33.3 70.9
fwAVG=2.92
sdW=130.0
fwW=2.88
sdS=628.2
fwS=2.86
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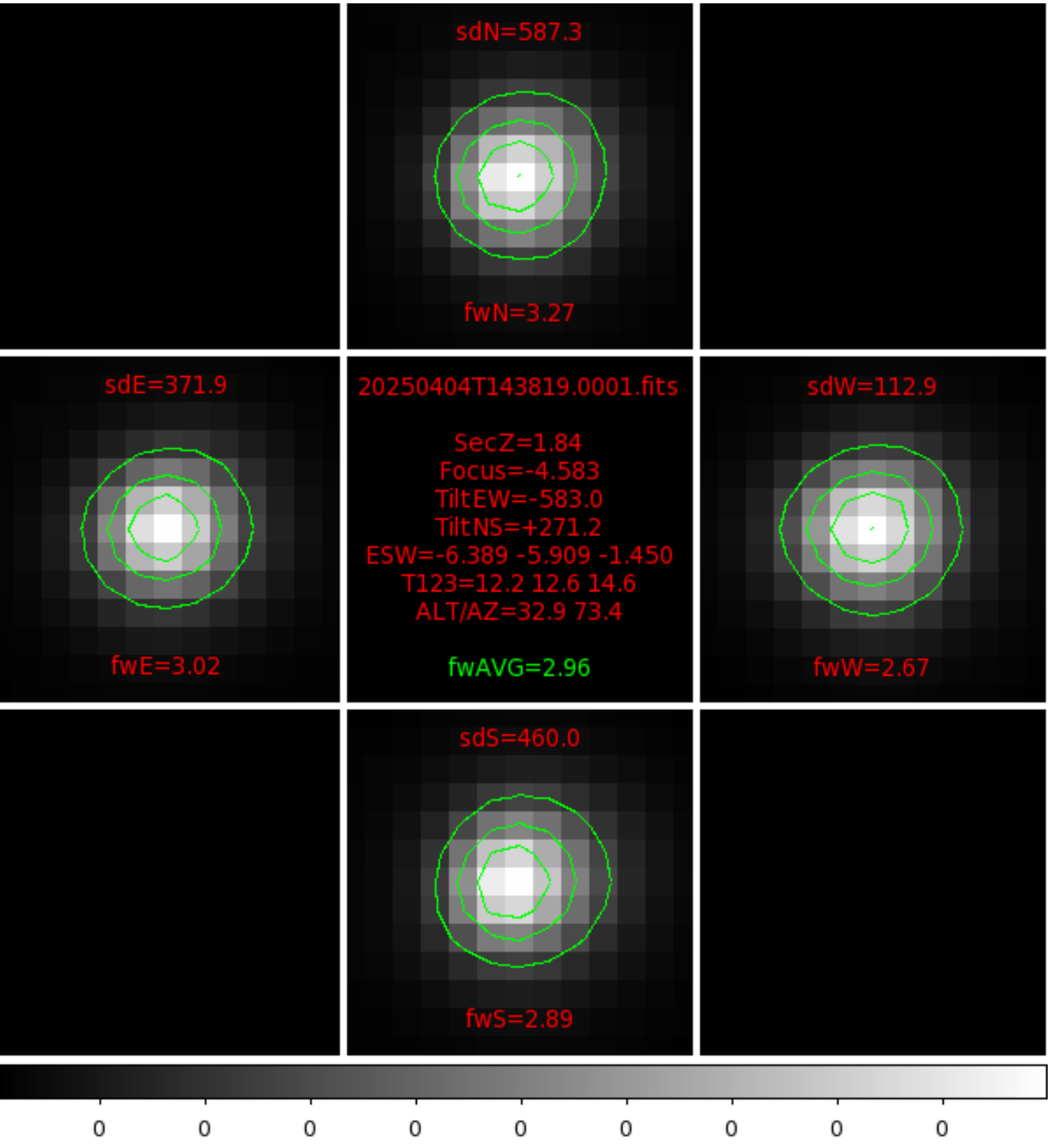
sdN=587.3
fwN=3.27
sdE=371.9
fwE=3.02
20250404T143819.0001.fits
SecZ=1.84
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=12.2 12.6 14.6
ALT/AZ=32.9 73.4
fwAVG=2.96
sdW=112.9
fwW=2.67
sdS=460.0
fwS=2.89
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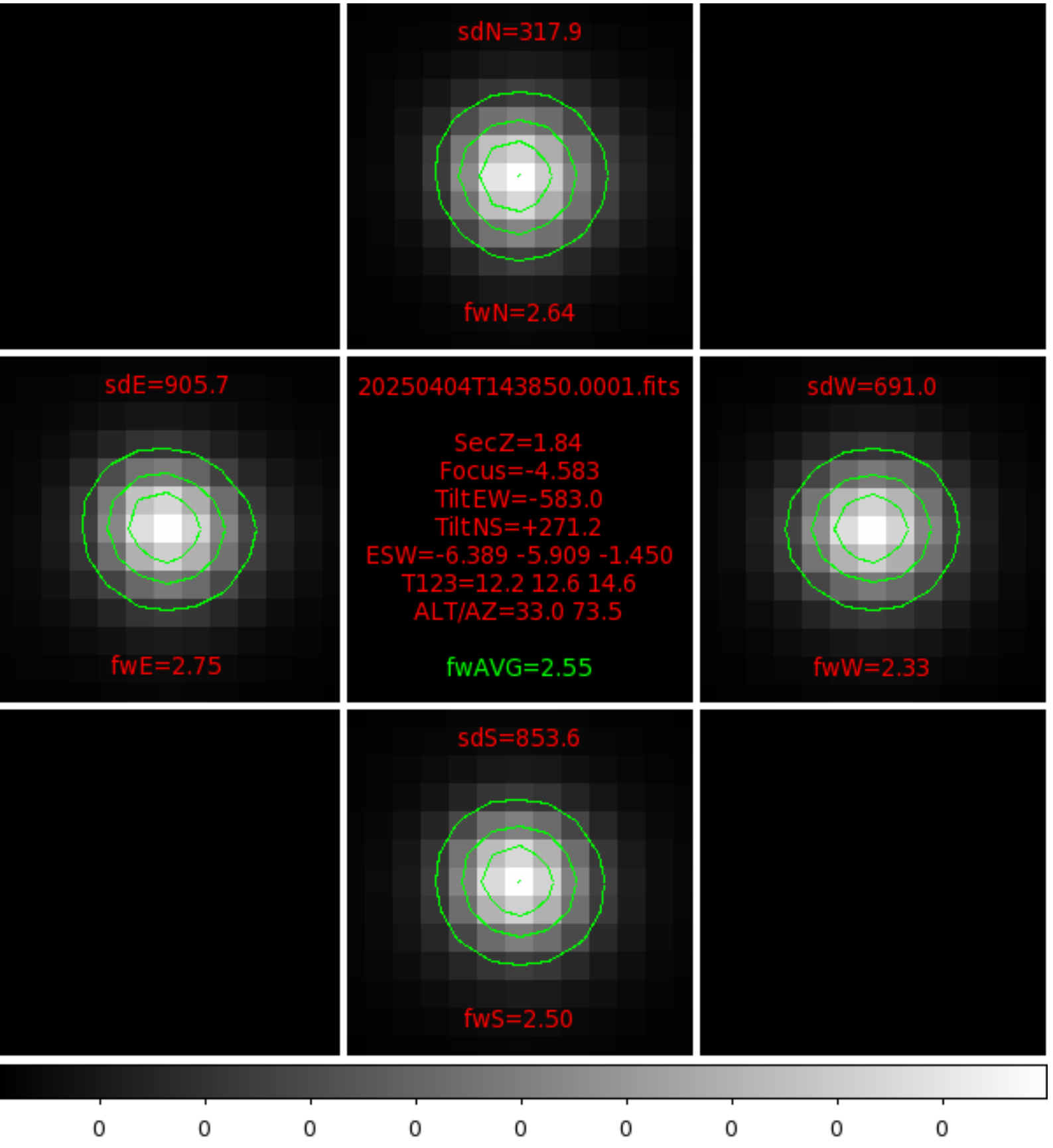
sdN=317.9
fwN=2.64
sdE=905.7
fwE=2.75
20250404T143850.0001.fits
SecZ=1.84
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=12.2 12.6 14.6
ALT/AZ=33.0 73.5
fwAVG=2.55
sdW=691.0
fwW=2.33
sdS=853.6
fwS=2.50
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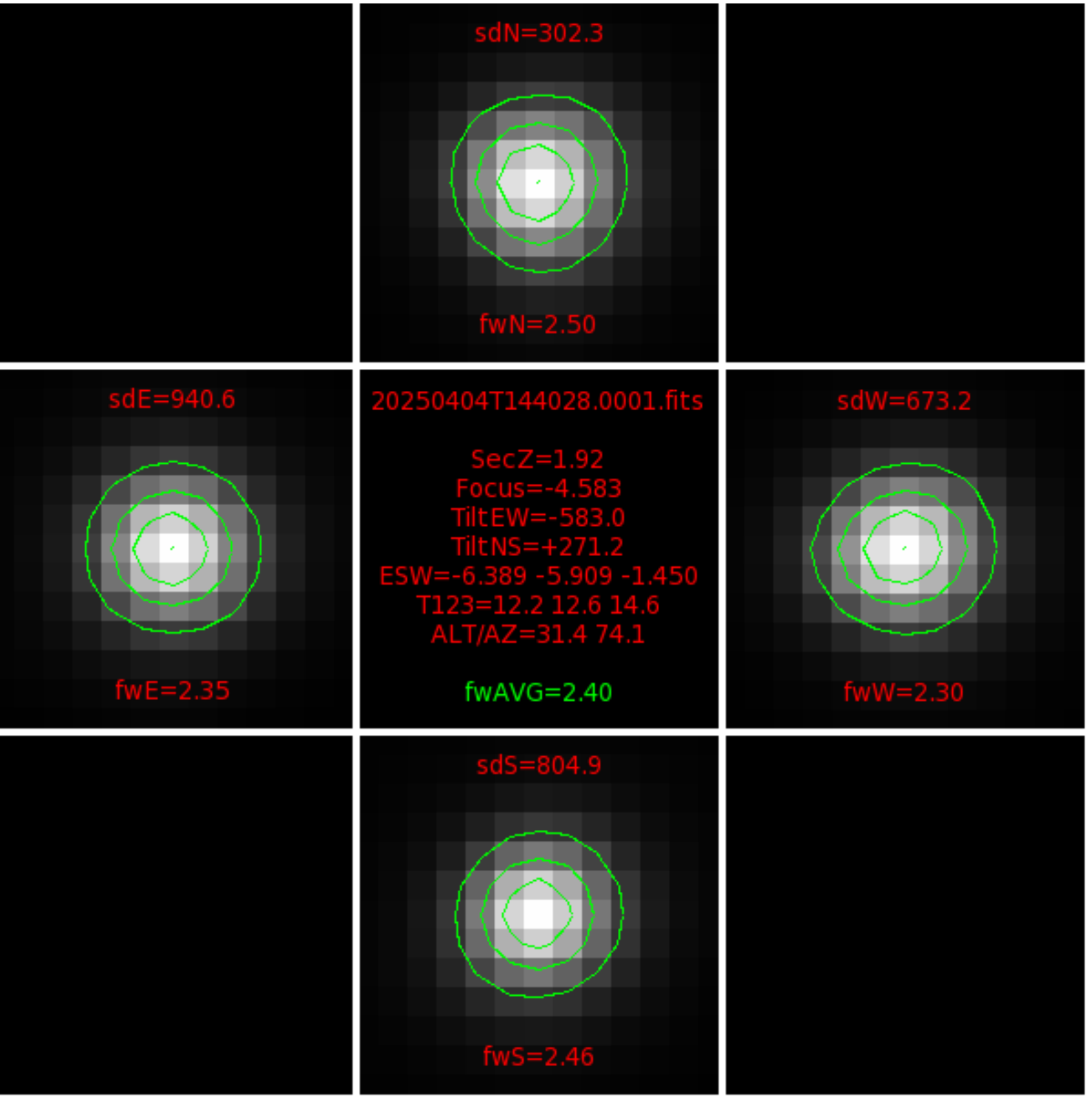
sdN=302.3
fwN=2.50
sdE=940.6
fwE=2.35
20250404T144028.0001.fits
SecZ=1.92
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=12.2 12.6 14.6
ALT/AZ=31.4 74.1
fwAVG=2.40
sdW=673.2
fwW=2.30
sdS=804.9
fwS=2.46
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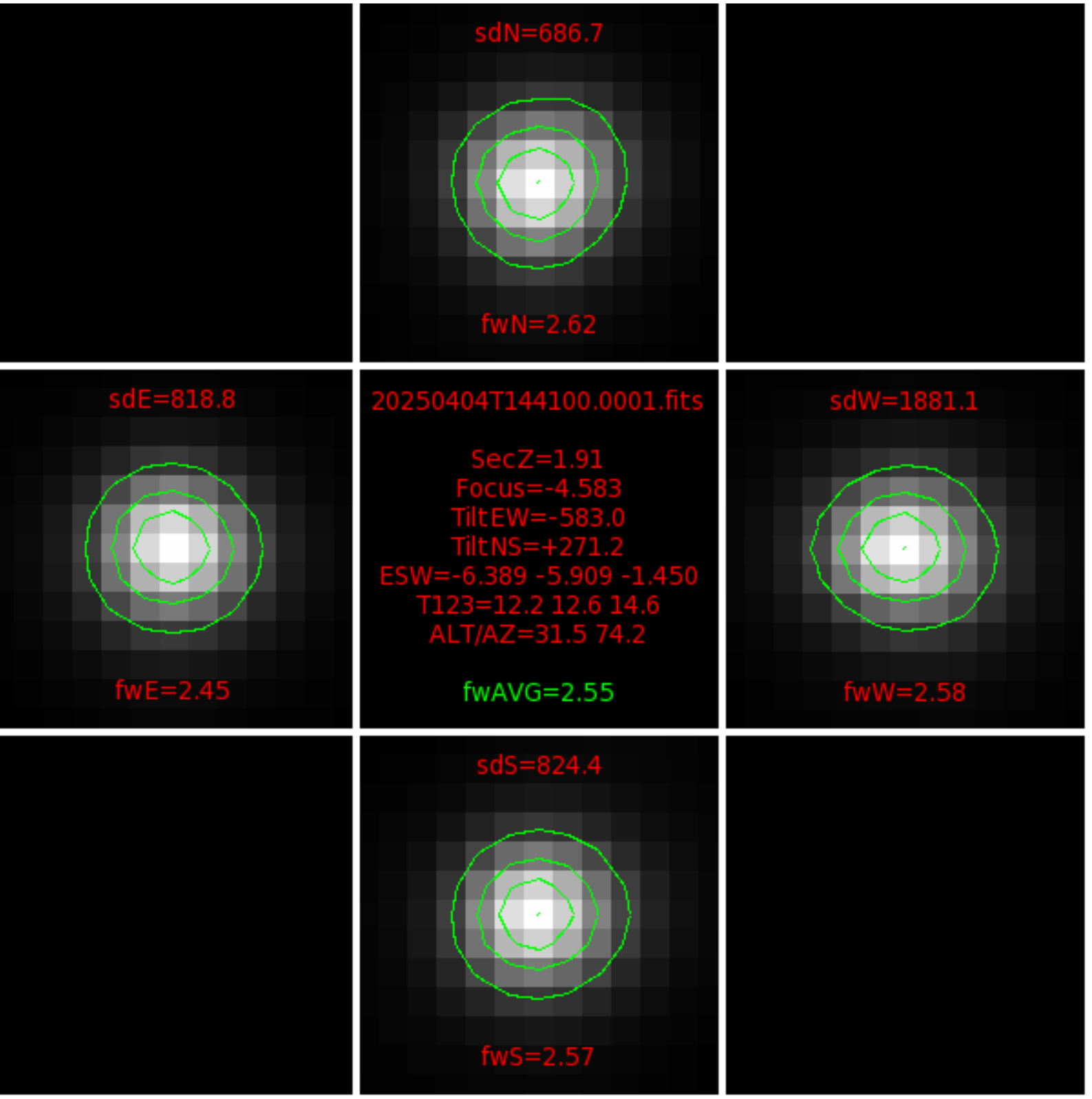
sdN=686.7
fwN=2.62
sdE=818.8
fwE=2.45
20250404T144100.0001.fits
SecZ=1.91
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=12.2 12.6 14.6
ALT/AZ=31.5 74.2
fwAVG=2.55
sdW=1881.1
fwW=2.58
sdS=824.4
fwS=2.57
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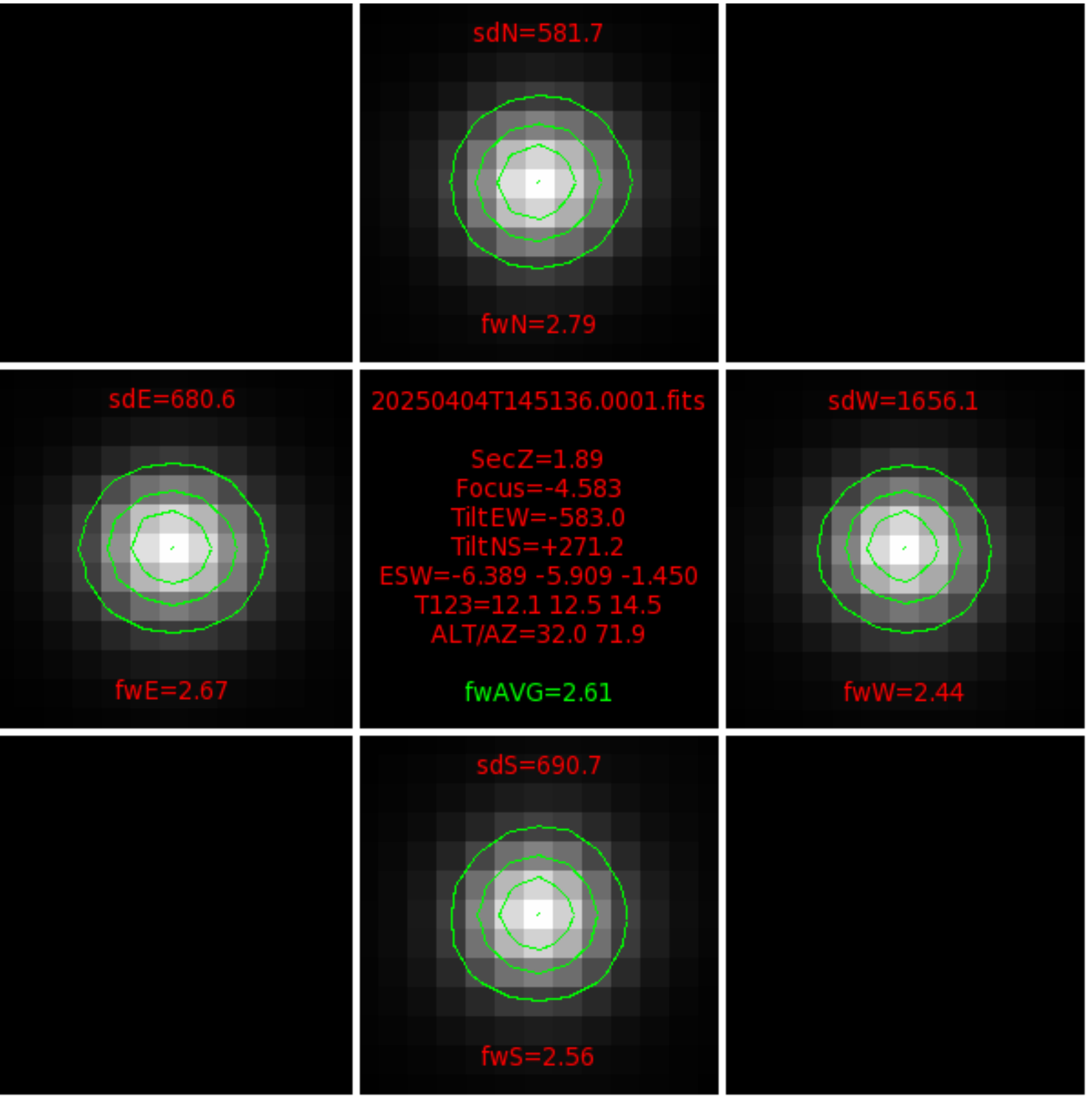
sdN=581.7
fwN=2.79
sdE=680.6
fwE=2.67
20250404T145136.0001.fits
SecZ=1.89
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=12.1 12.5 14.5
ALT/AZ=32.0 71.9
fwAVG=2.61
sdW=1656.1
fwW=2.44
sdS=690.7
fwS=2.56
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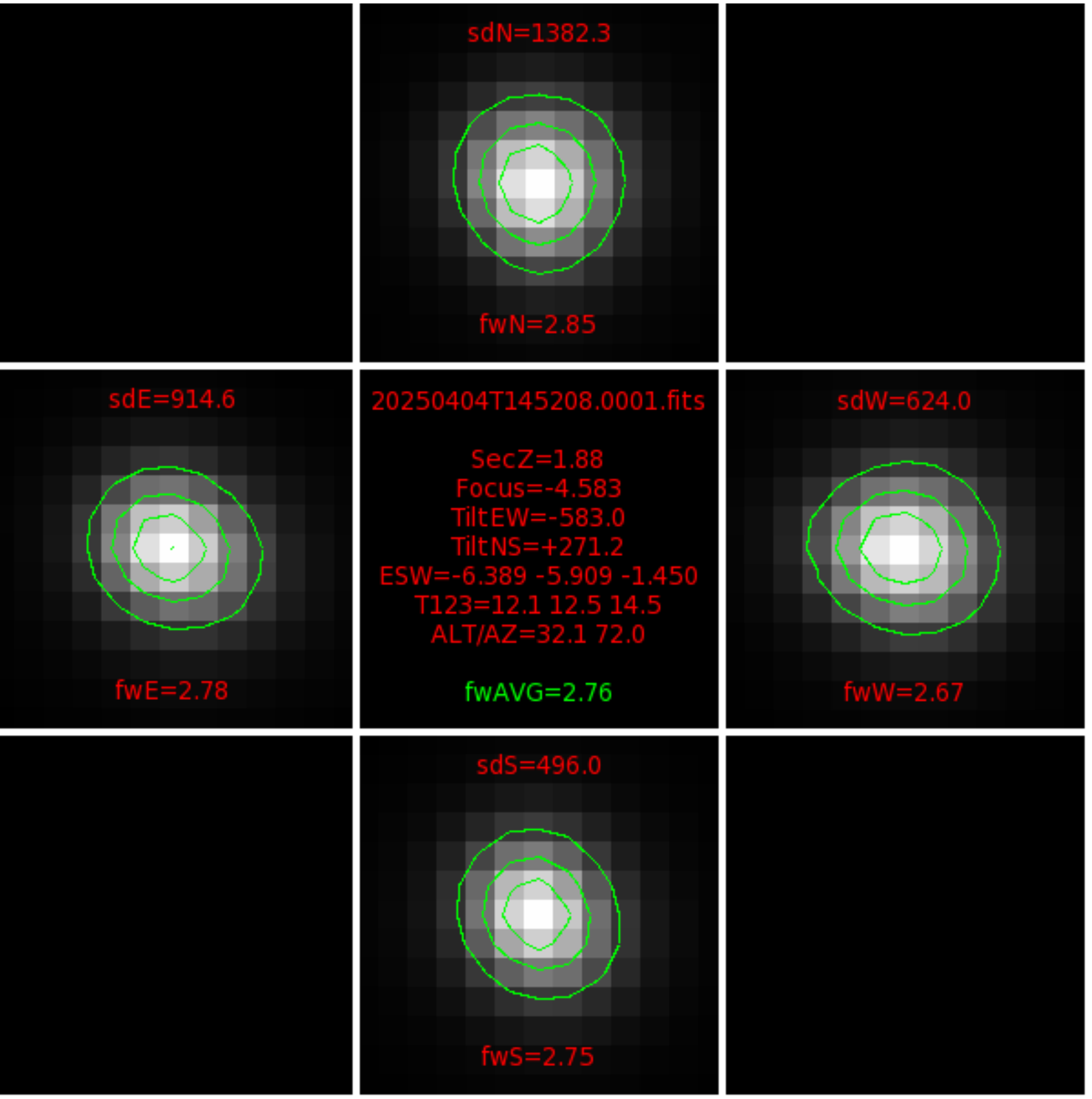
sdN=1382.3
fwN=2.85
sdE=914.6
fwE=2.78
20250404T145208.0001.fits
SecZ=1.88
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=12.1 12.5 14.5
ALT/AZ=32.1 72.0
fwAVG=2.76
sdW=624.0
fwW=2.67
sdS=496.0
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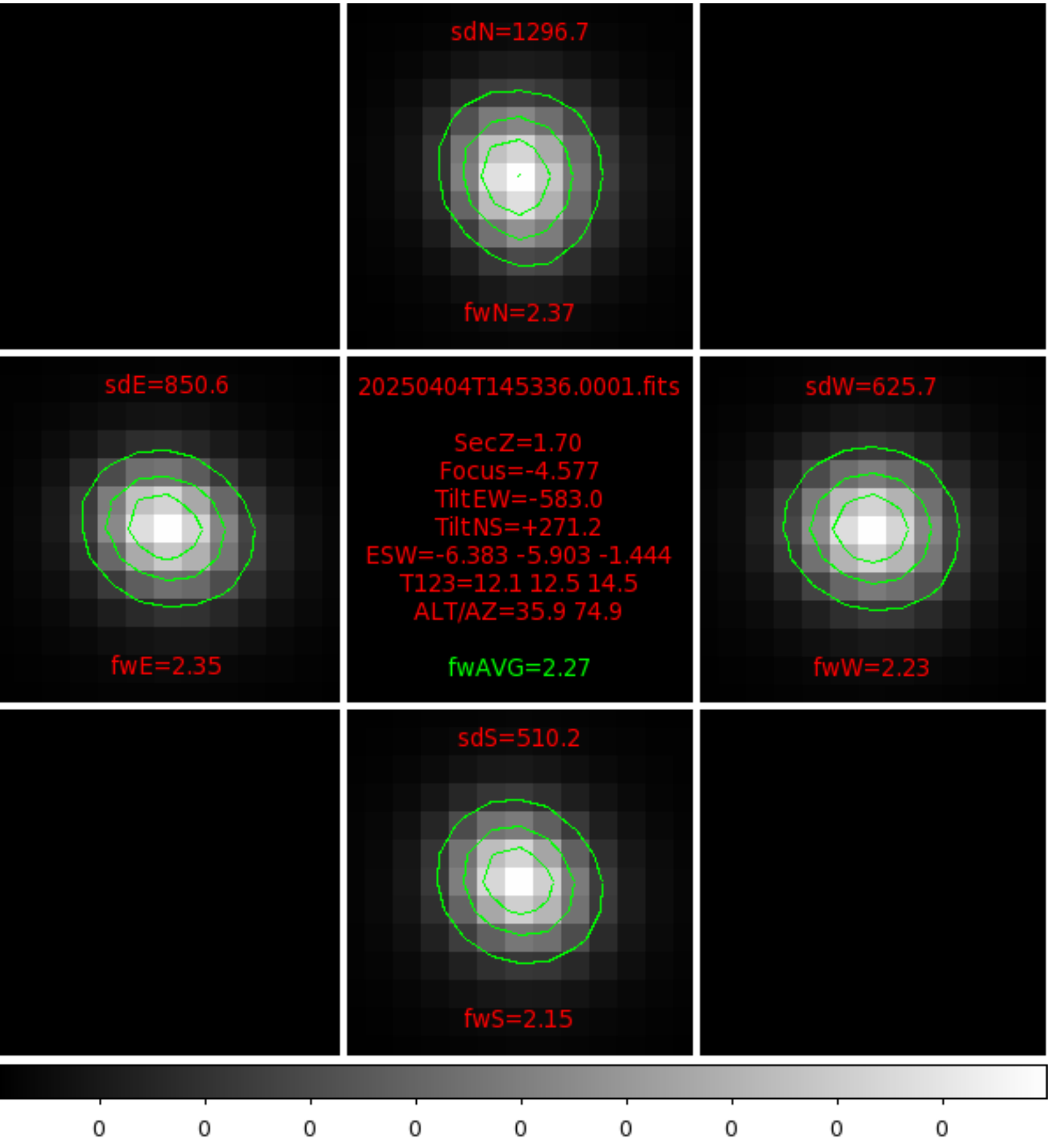
sdN=1296.7
fwN=2.37
sdE=850.6
fwE=2.35
20250404T145336.0001.fits
SecZ=1.70
Focus=-4.577
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.383 -5.903 -1.444
T123=12.1 12.5 14.5
ALT/AZ=35.9 74.9
fwAVG=2.27
sdW=625.7
fwW=2.23
sdS=510.2
fwS=2.15
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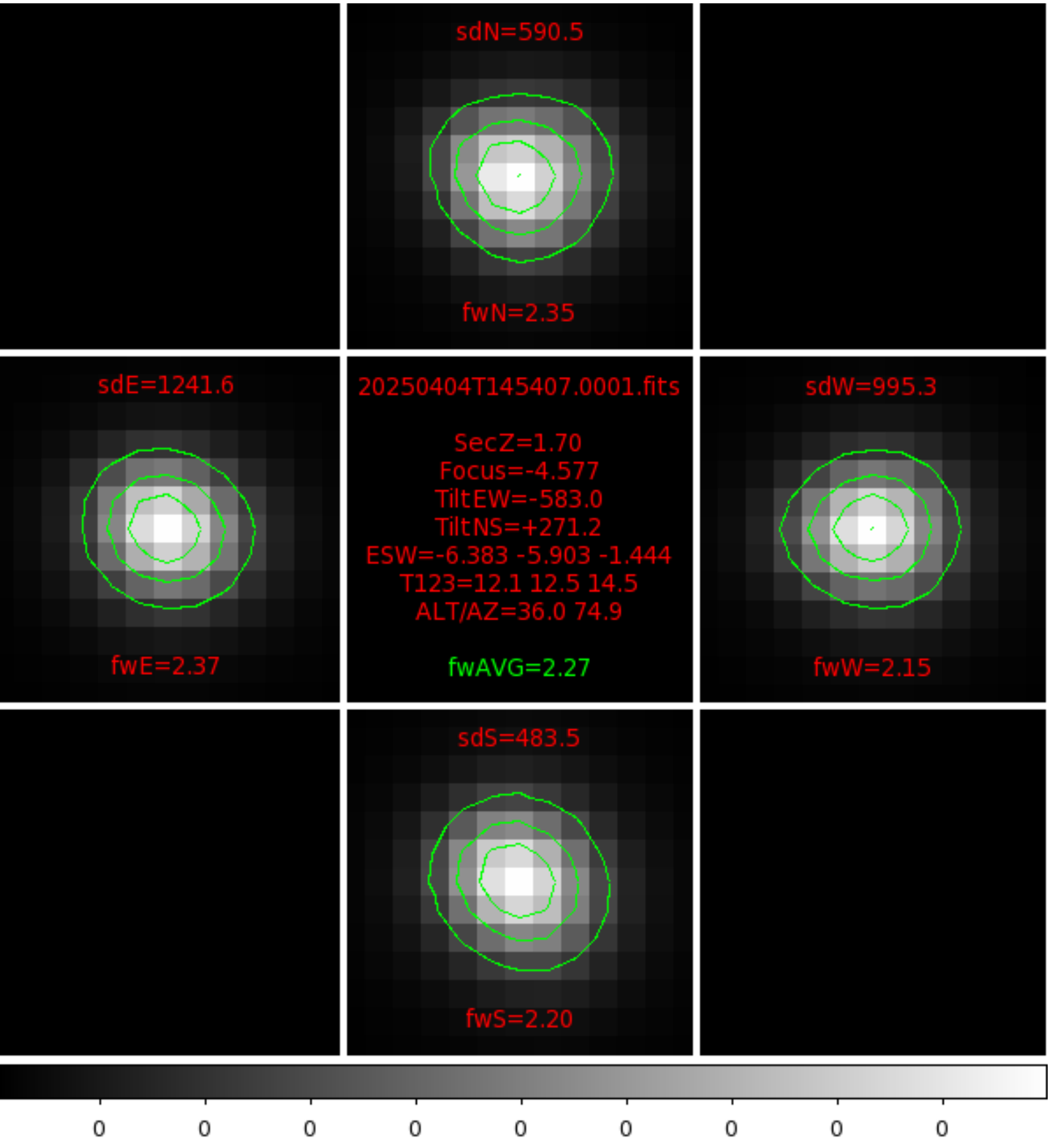
sdN=590.5
fwN=2.35
sdE=1241.6
fwE=2.37
20250404T145407.0001.fits
SecZ=1.70
Focus=-4.577
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.383 -5.903 -1.444
T123=12.1 12.5 14.5
ALT/AZ=36.0 74.9
fwAVG=2.27
sdW=995.3
fwW=2.15
sdS=483.5
fwS=2.20
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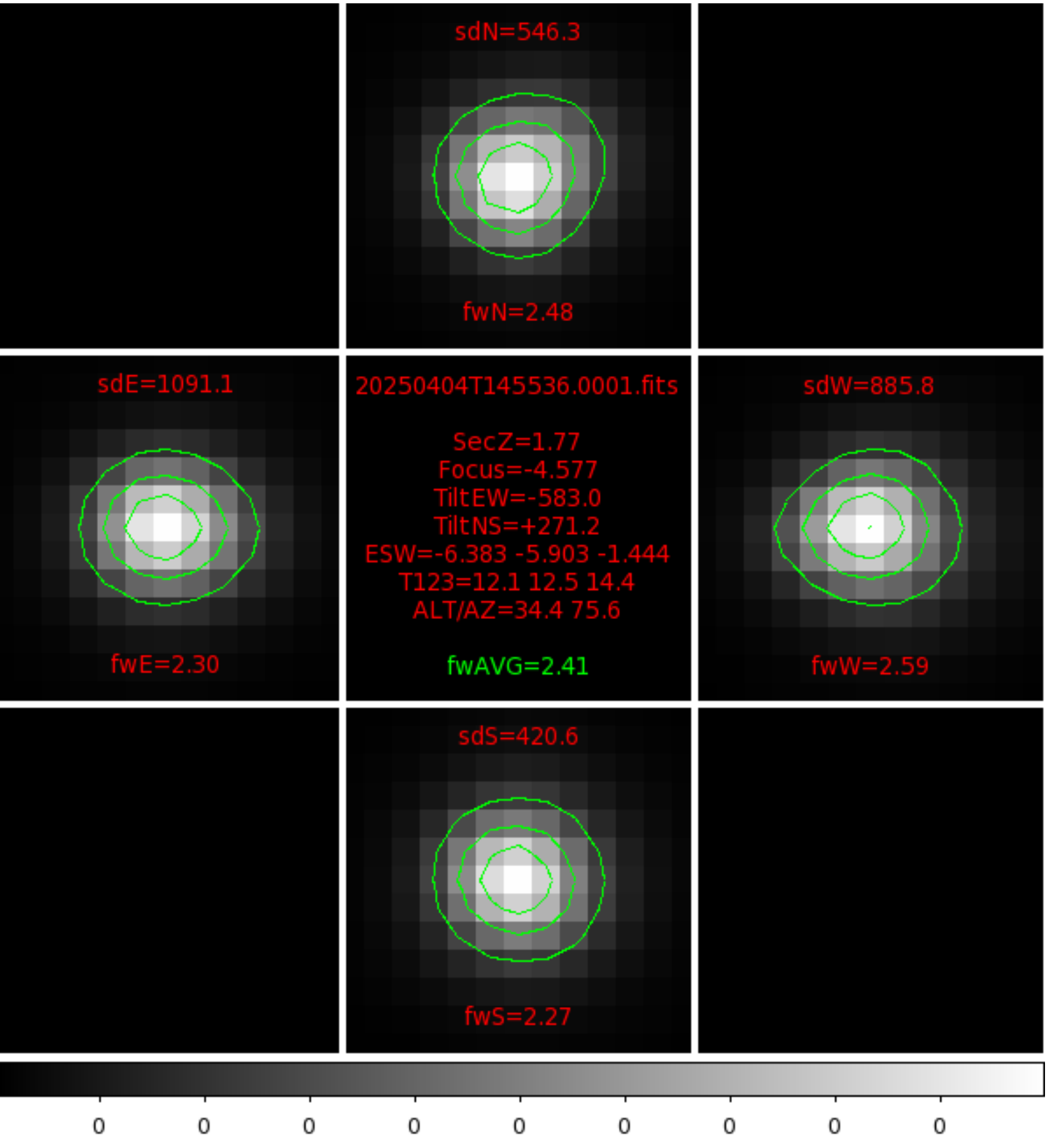
sdN=546.3
fwN=2.48
sdE=1091.1
fwE=2.30
20250404T145536.0001.fits
SecZ=1.77
Focus=-4.577
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.383 -5.903 -1.444
T123=12.1 12.5 14.4
ALT/AZ=34.4 75.6
fwAVG=2.41
sdW=885.8
fwW=2.59
sdS=420.6
fwS=2.27
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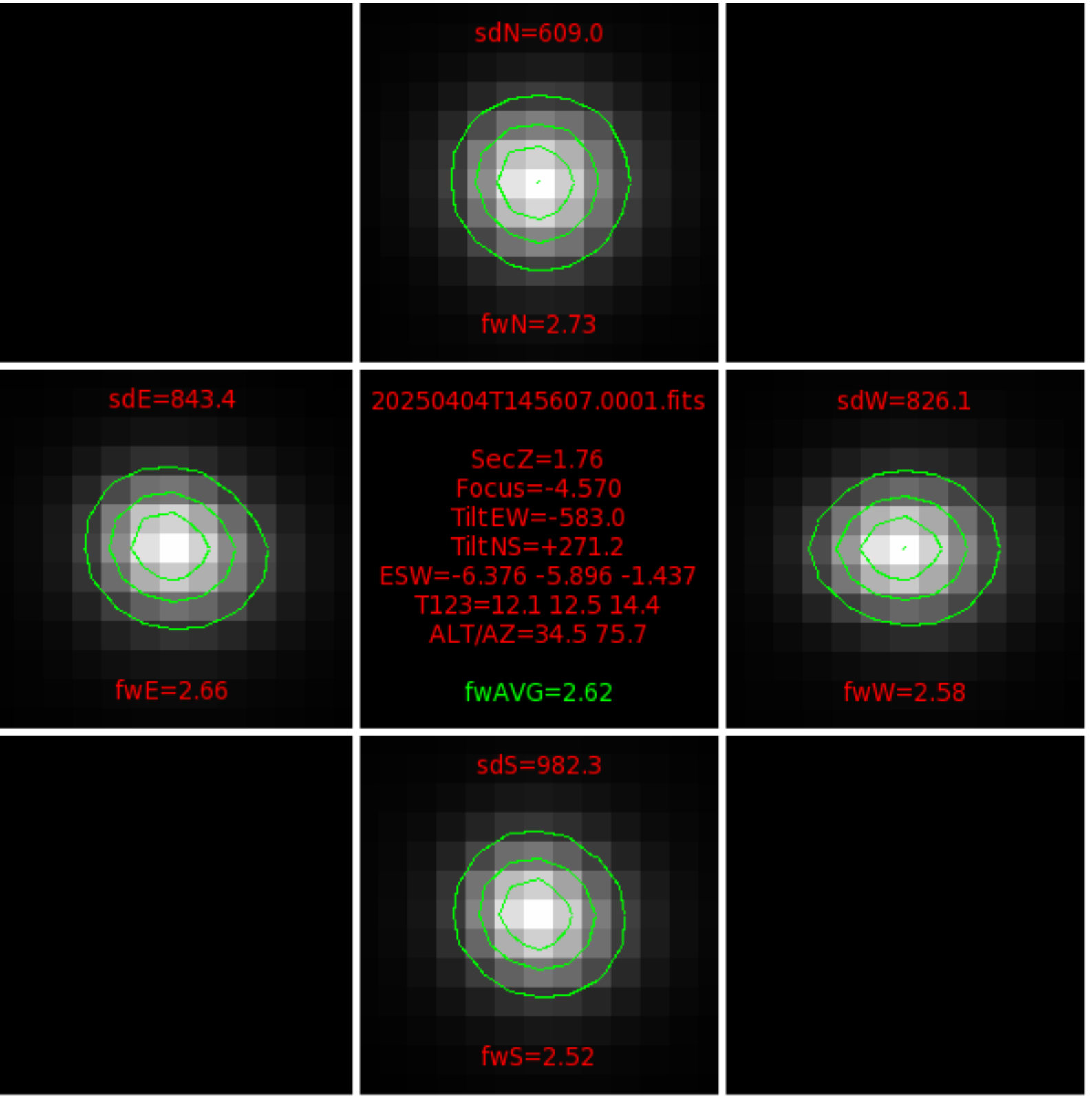
sdN=609.0
fwN=2.73
sdE=843.4
fwE=2.66
20250404T145607.0001.fits
SecZ=1.76
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.1 12.5 14.4
ALT/AZ=34.5 75.7
fwAVG=2.62
sdW=826.1
fwW=2.58
sdS=982.3
fwS=2.52
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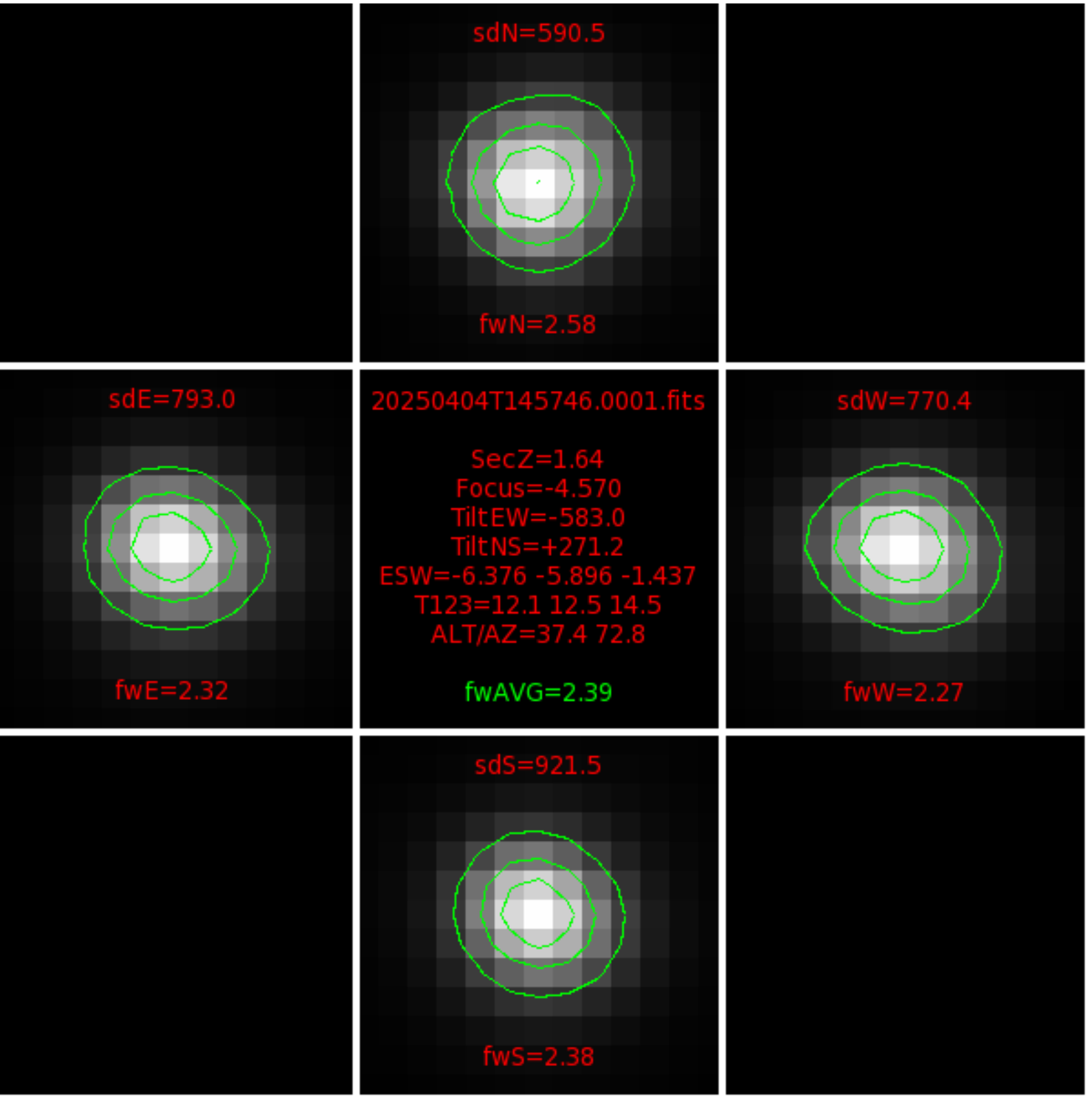
sdN=590.5
fwN=2.58
sdE=793.0
fwE=2.32
20250404T145746.0001.fits
SecZ=1.64
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.1 12.5 14.5
ALT/AZ=37.4 72.8
fwAVG=2.39
sdW=770.4
fwW=2.27
sdS=921.5
fwS=2.38
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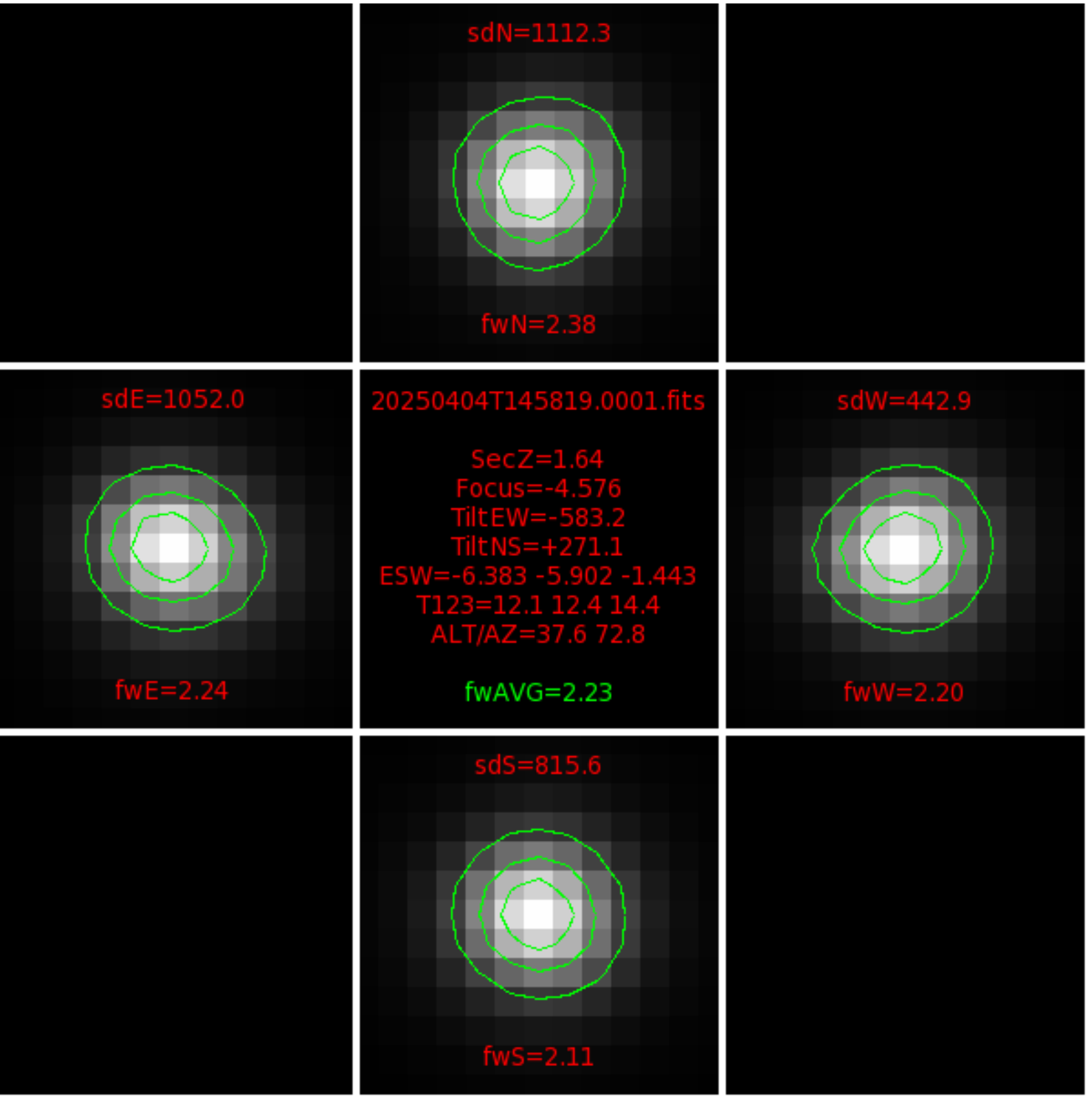
sdN=1112.3
fwN=2.38
sdE=1052.0
fwE=2.24
20250404T145819.0001.fits
SecZ=1.64
Focus=-4.576
TiltEW=-583.2
TiltNS=+271.1
ESW=-6.383 -5.902 -1.443
T123=12.1 12.4 14.4
ALT/AZ=37.6 72.8
fwAVG=2.23
sdW=442.9
fwW=2.20
sdS=815.6
fwS=2.11
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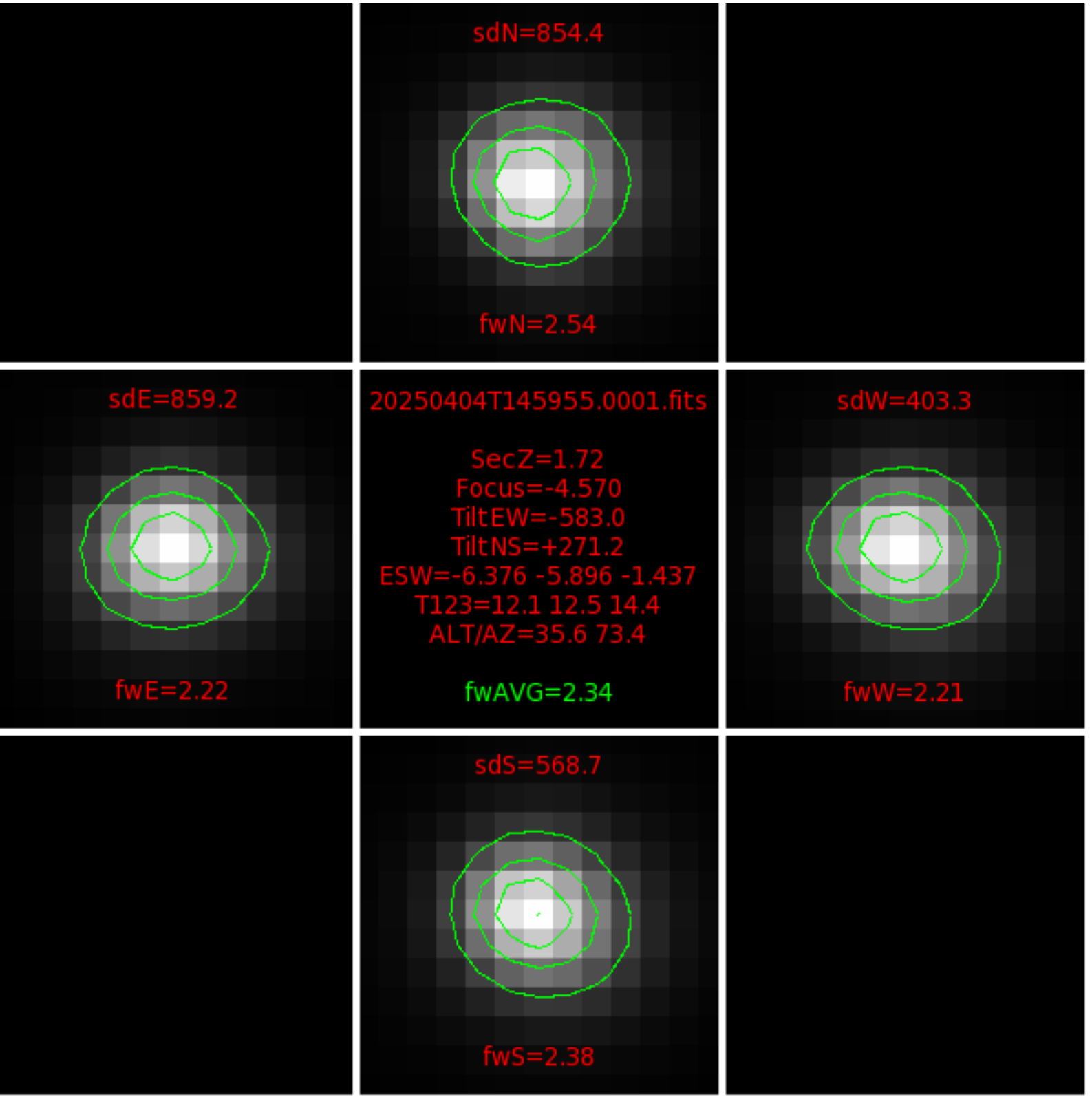
sdN=854.4
fwN=2.54
sdE=859.2
fwE=2.22
20250404T145955.0001.fits
SecZ=1.72
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.1 12.5 14.4
ALT/AZ=35.6 73.4
fwAVG=2.34
sdW=403.3
fwW=2.21
sdS=568.7
fwS=2.38
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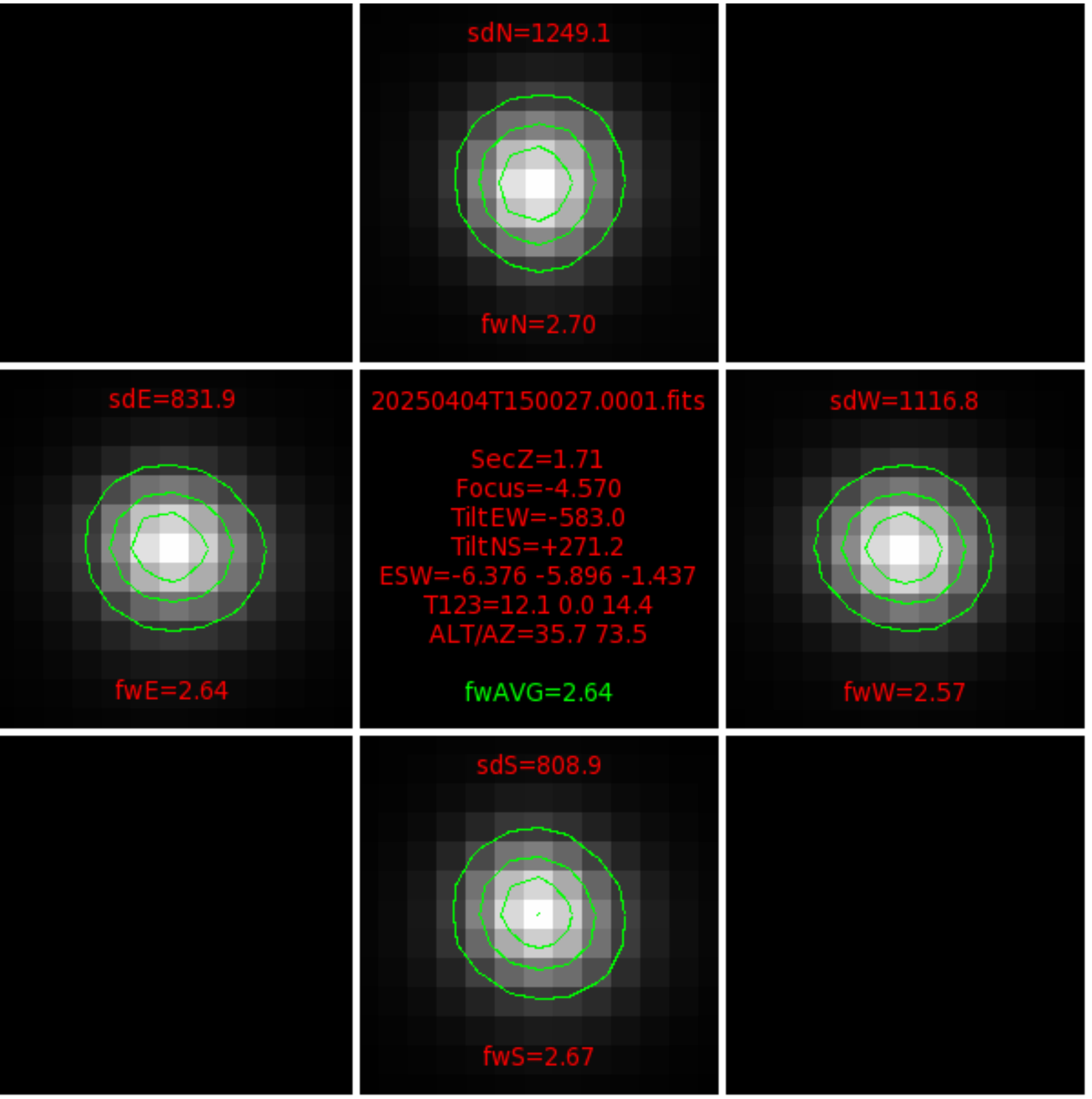
sdN=1249.1
fwN=2.70
sdE=831.9
fwE=2.64
20250404T150027.0001.fits
SecZ=1.71
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.1 0.0 14.4
ALT/AZ=35.7 73.5
fwAVG=2.64
sdW=1116.8
fwW=2.57
sdS=808.9
fwS=2.67
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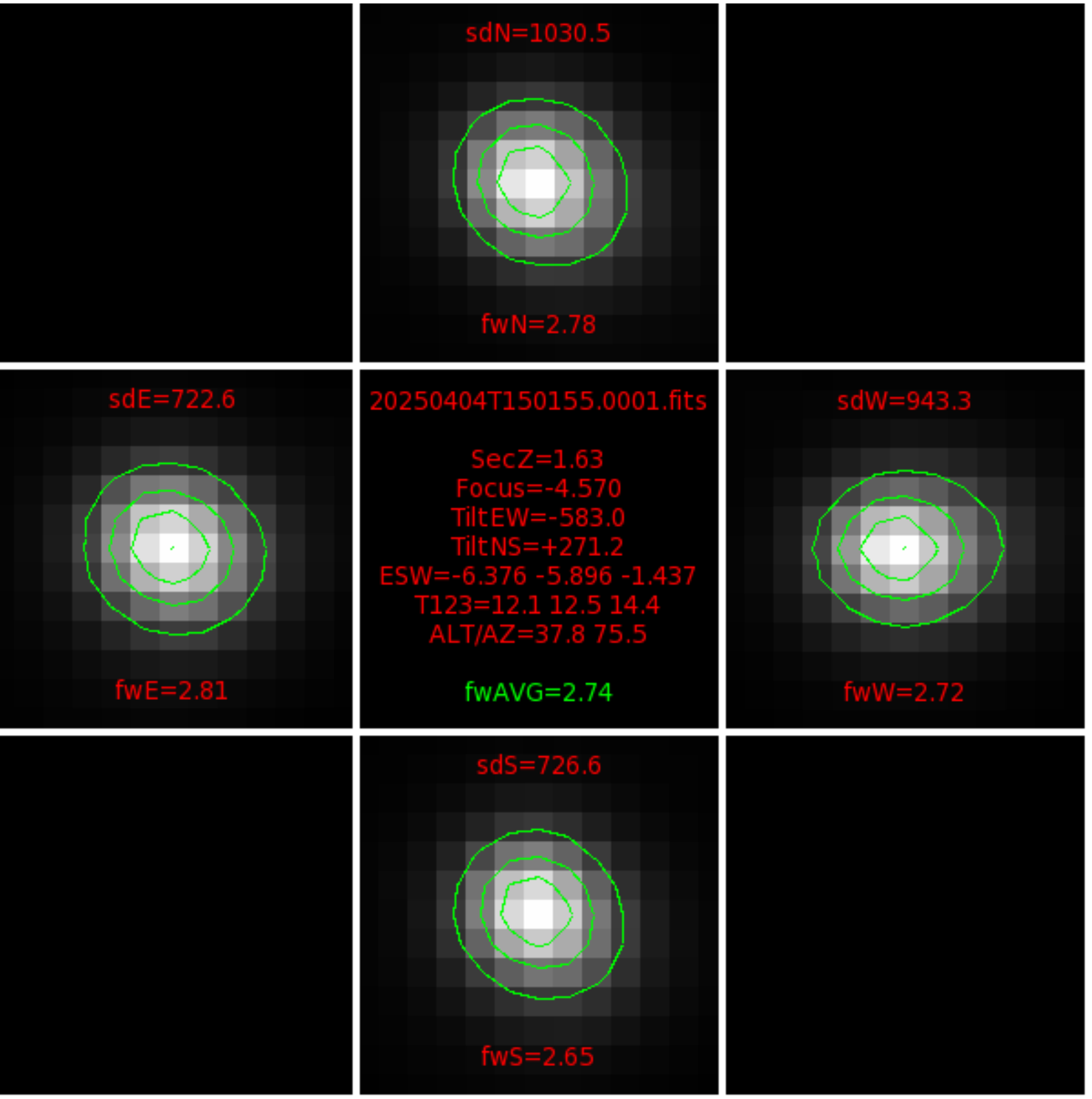
sdN=1030.5
fwN=2.78
sdE=722.6
fwE=2.81
20250404T150155.0001.fits
SecZ=1.63
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.1 12.5 14.4
ALT/AZ=37.8 75.5
fwAVG=2.74
sdW=943.3
fwW=2.72
sdS=726.6
fwS=2.65
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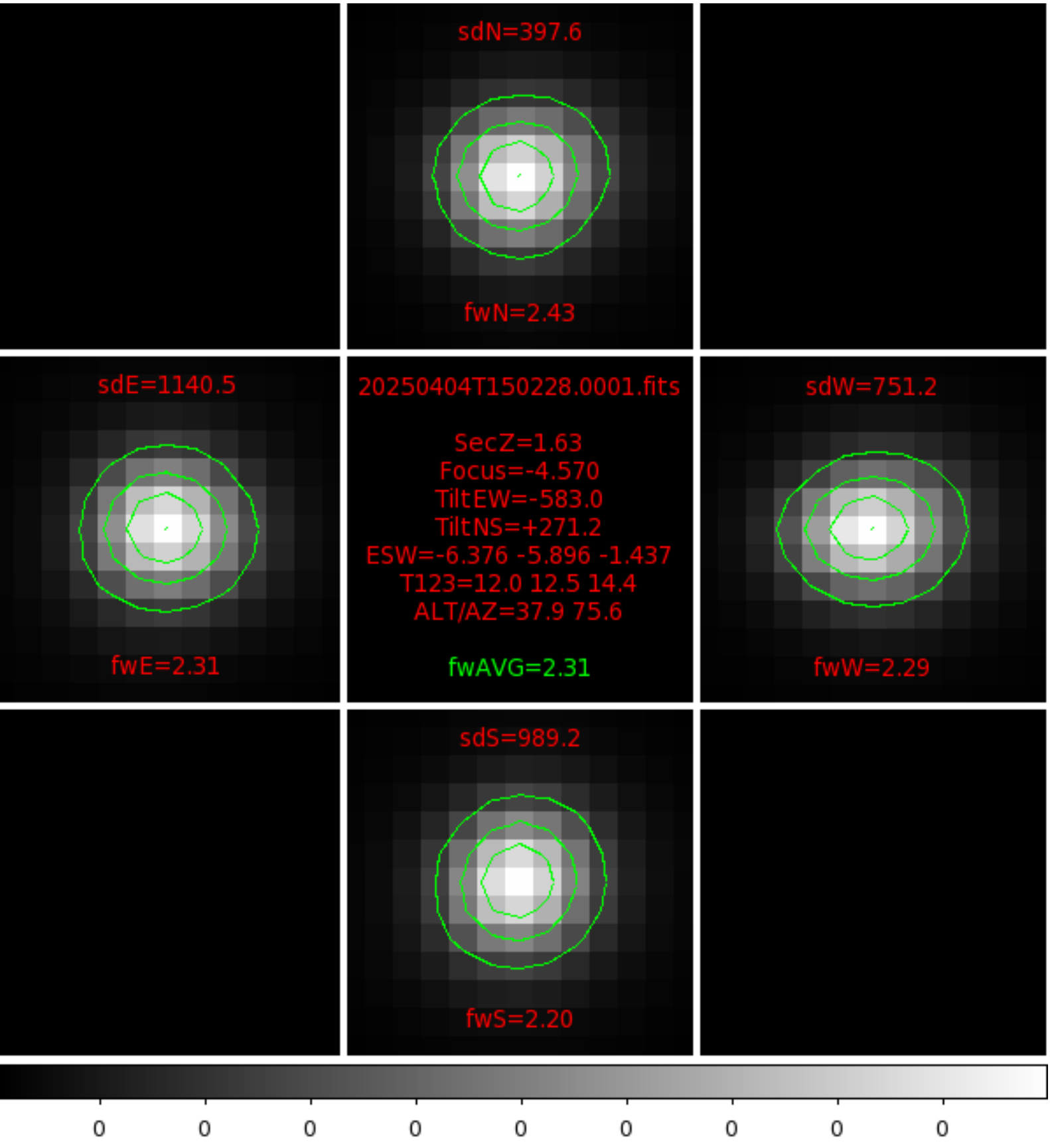
sdN=397.6
fwN=2.43
sdE=1140.5
fwE=2.31
20250404T150228.0001.fits
SecZ=1.63
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.0 12.5 14.4
ALT/AZ=37.9 75.6
fwAVG=2.31
sdW=751.2
fwW=2.29
sdS=989.2
fwS=2.20
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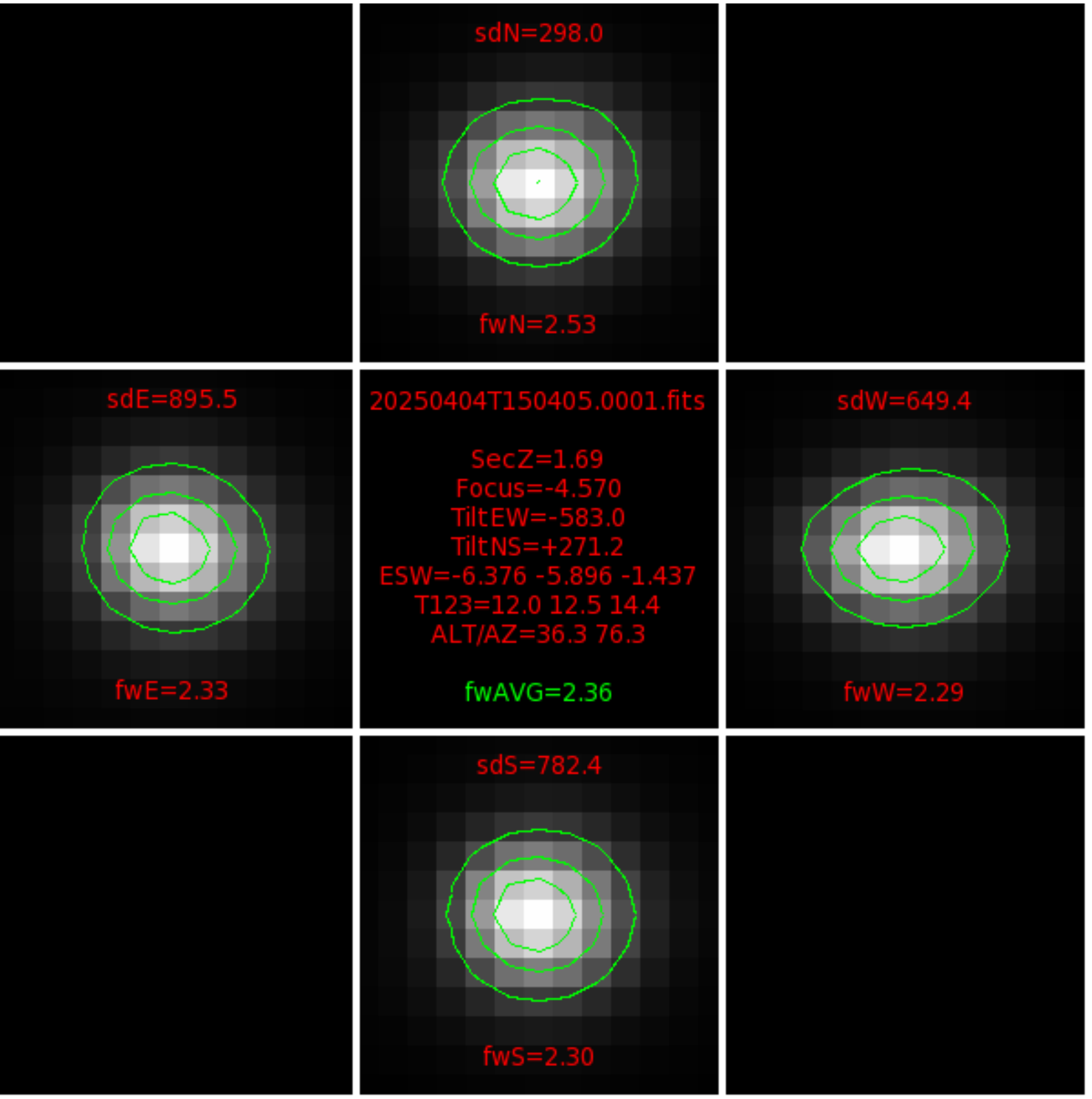
sdN=298.0
fwN=2.53
sdE=895.5
fwE=2.33
20250404T150405.0001.fits
SecZ=1.69
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.0 12.5 14.4
ALT/AZ=36.3 76.3
fwAVG=2.36
sdW=649.4
fwW=2.29
sdS=782.4
fwS=2.30
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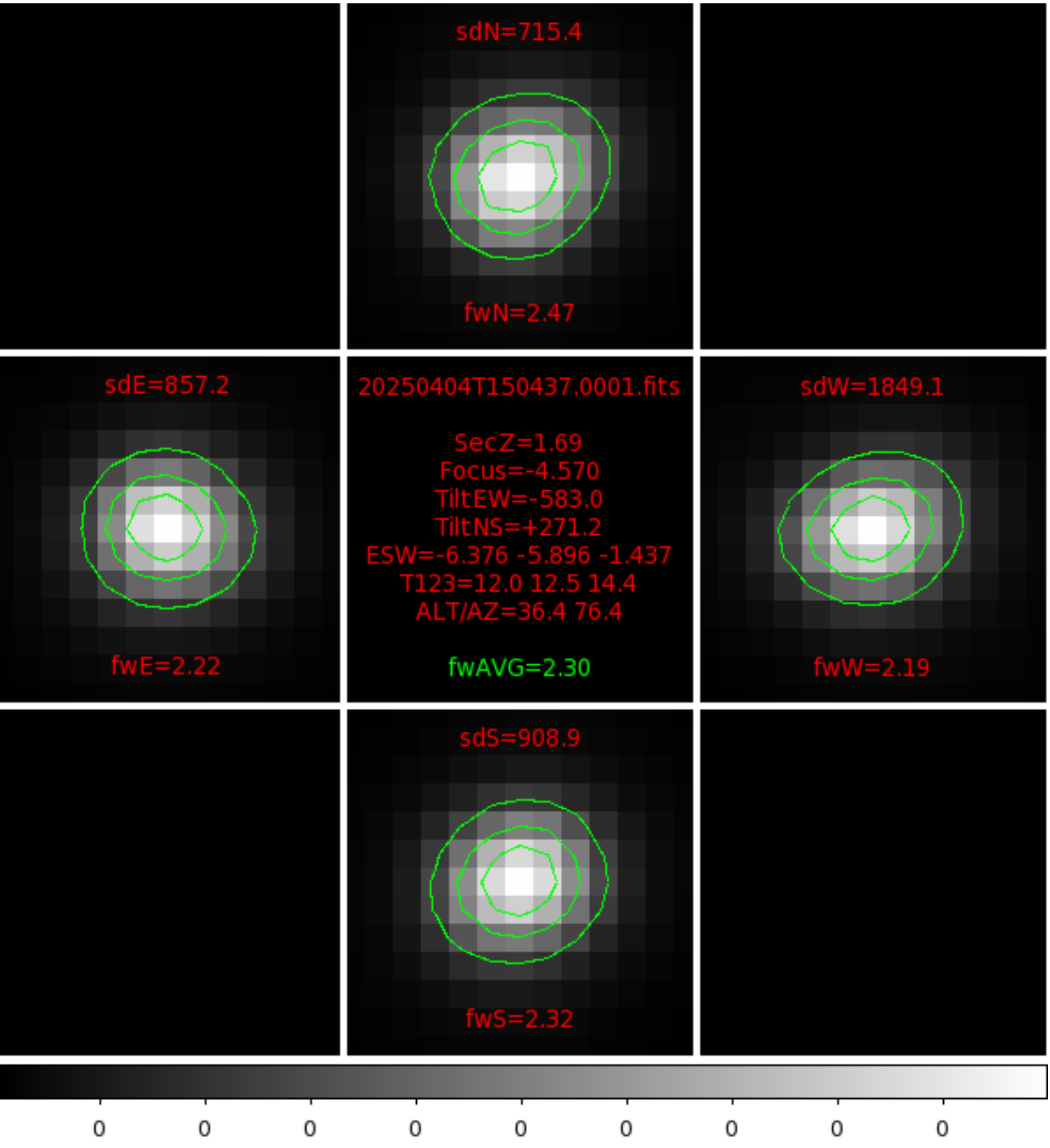
sdN=715.4
fwN=2.47
sdE=857.2
fwE=2.22
20250404T150437.0001.fits
SecZ=1.69
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.0 12.5 14.4
ALT/AZ=36.4 76.4
fwAVG=2.30
sdW=1849.1
fwW=2.19
sdS=908.9
fwS=2.32
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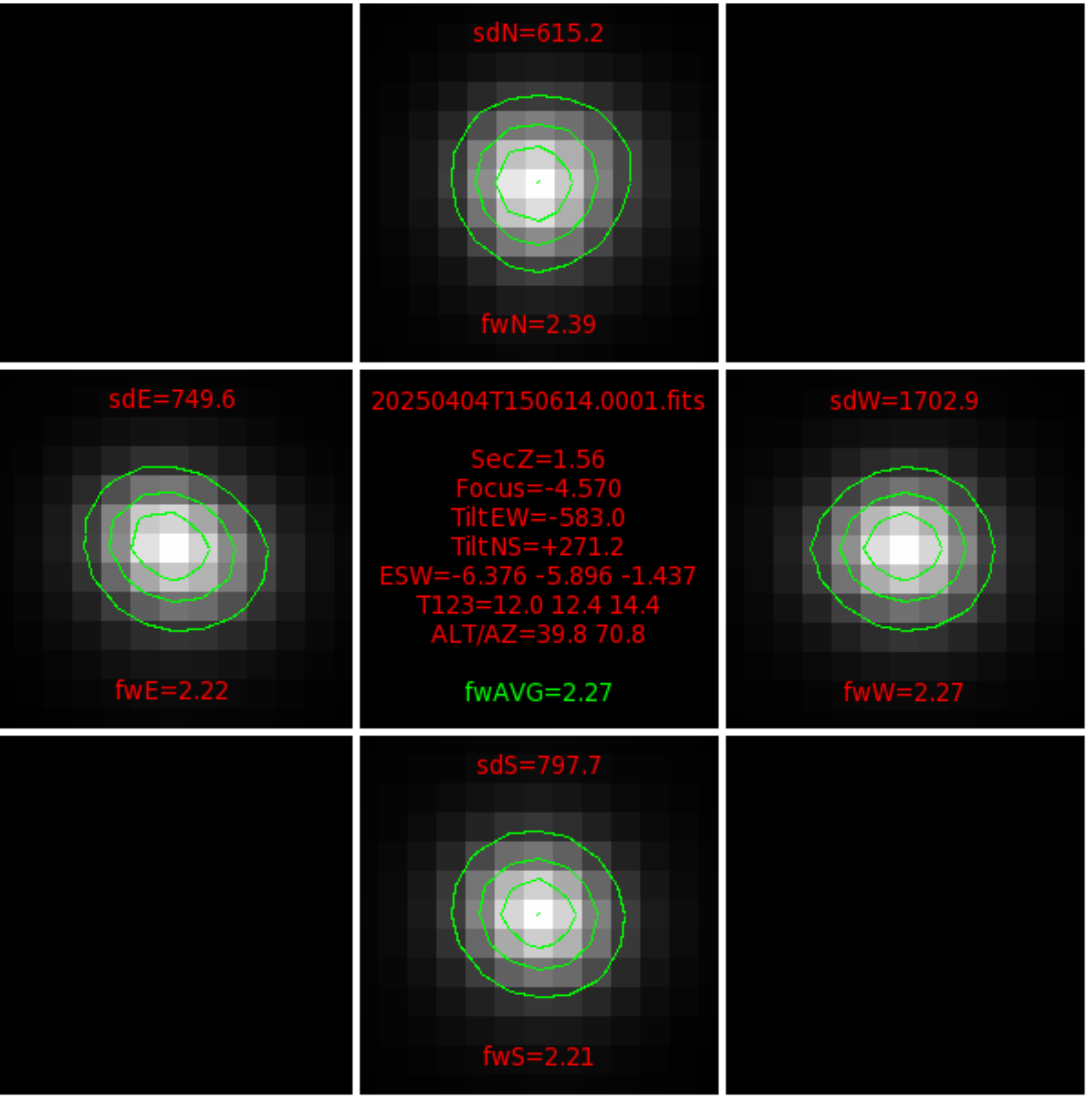
sdN=615.2
fwN=2.39
sdE=749.6
fwE=2.22
20250404T150614.0001.fits
SecZ=1.56
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.0 12.4 14.4
ALT/AZ=39.8 70.8
fwAVG=2.27
sdW=1702.9
fwW=2.27
sdS=797.7
fwS=2.21
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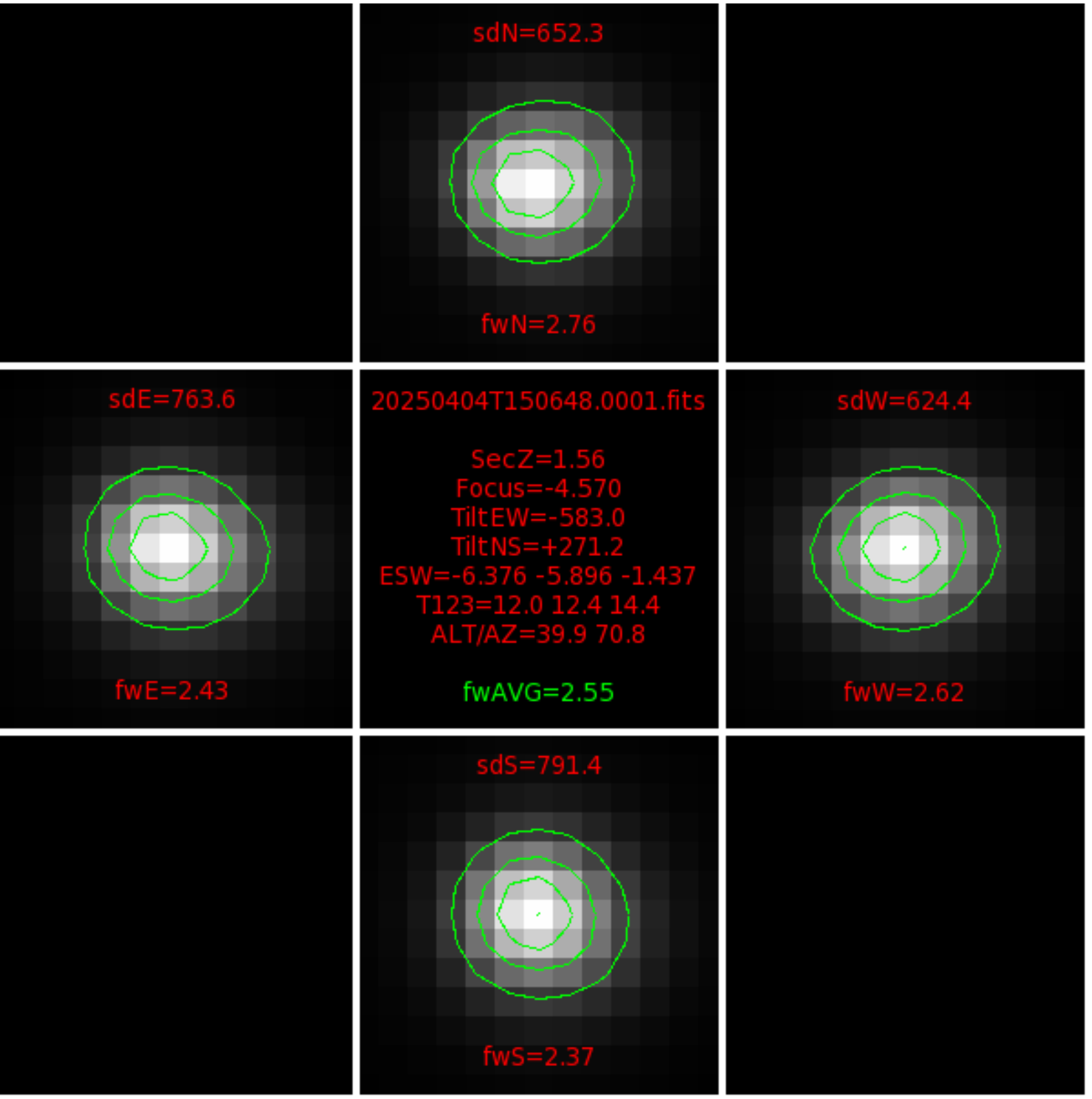
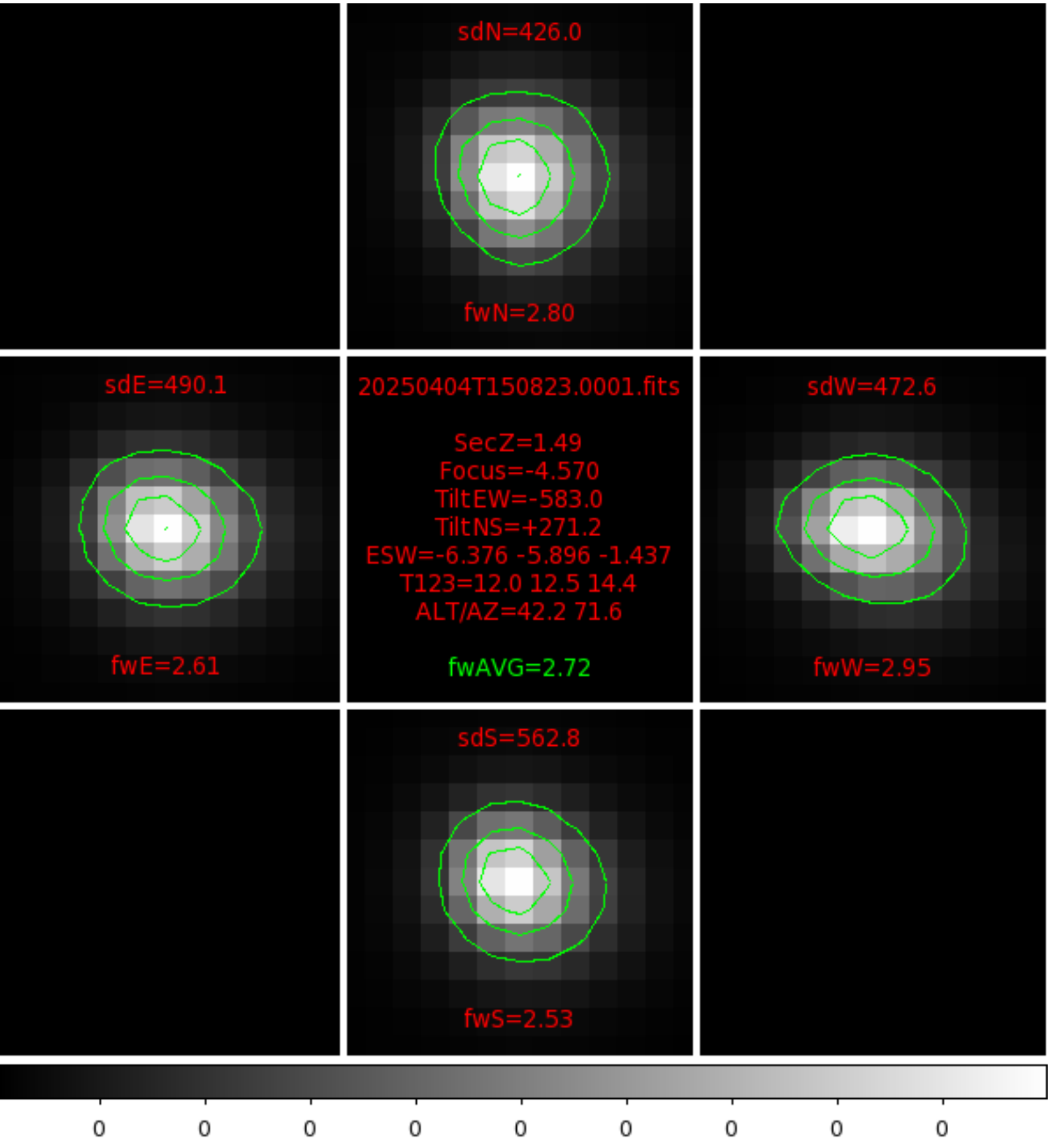

sdN=652.3
fwN=2.76
sdE=763.6
fwE=2.43
20250404T150648.0001.fits
SecZ=1.56
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.0 12.4 14.4
ALT/AZ=39.9 70.8
fwAVG=2.55
sdW=624.4
fwW=2.62
sdS=791.4
fwS=2.37
0 0 0 0 0 0 0 0 0


sdN=426.0
fwN=2.80
sdE=490.1
fwE=2.61
20250404T150823.0001.fits
SecZ=1.49
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.0 12.5 14.4
ALT/AZ=42.2 71.6
fwAVG=2.72
sdW=472.6
fwW=2.95
sdS=562.8
fwS=2.53
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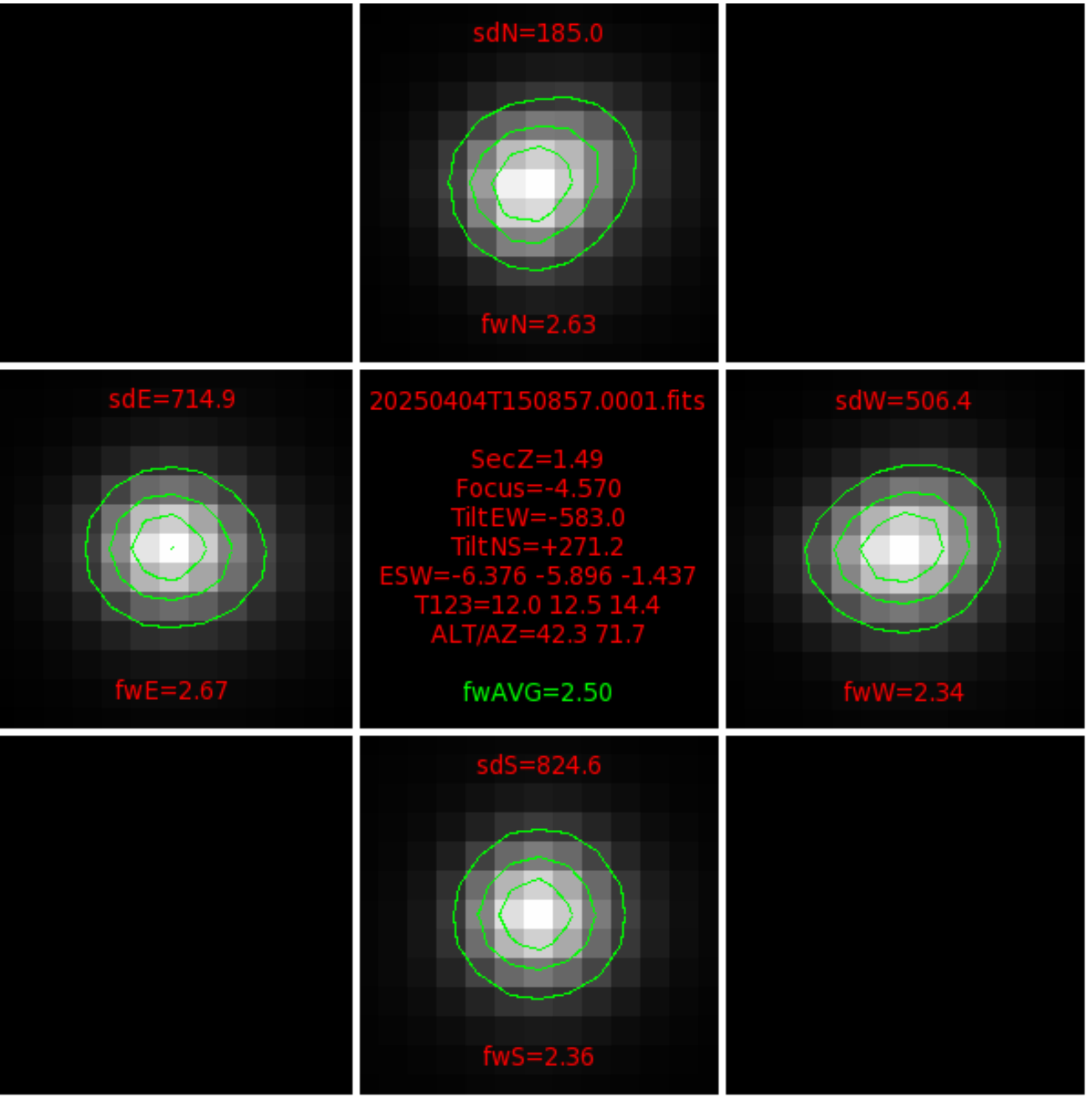
sdN=185.0
fwN=2.63
sdE=714.9
fwE=2.67
20250404T150857.0001.fits
SecZ=1.49
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.0 12.5 14.4
ALT/AZ=42.3 71.7
fwAVG=2.50
sdW=506.4
fwW=2.34
sdS=824.6
fwS=2.36
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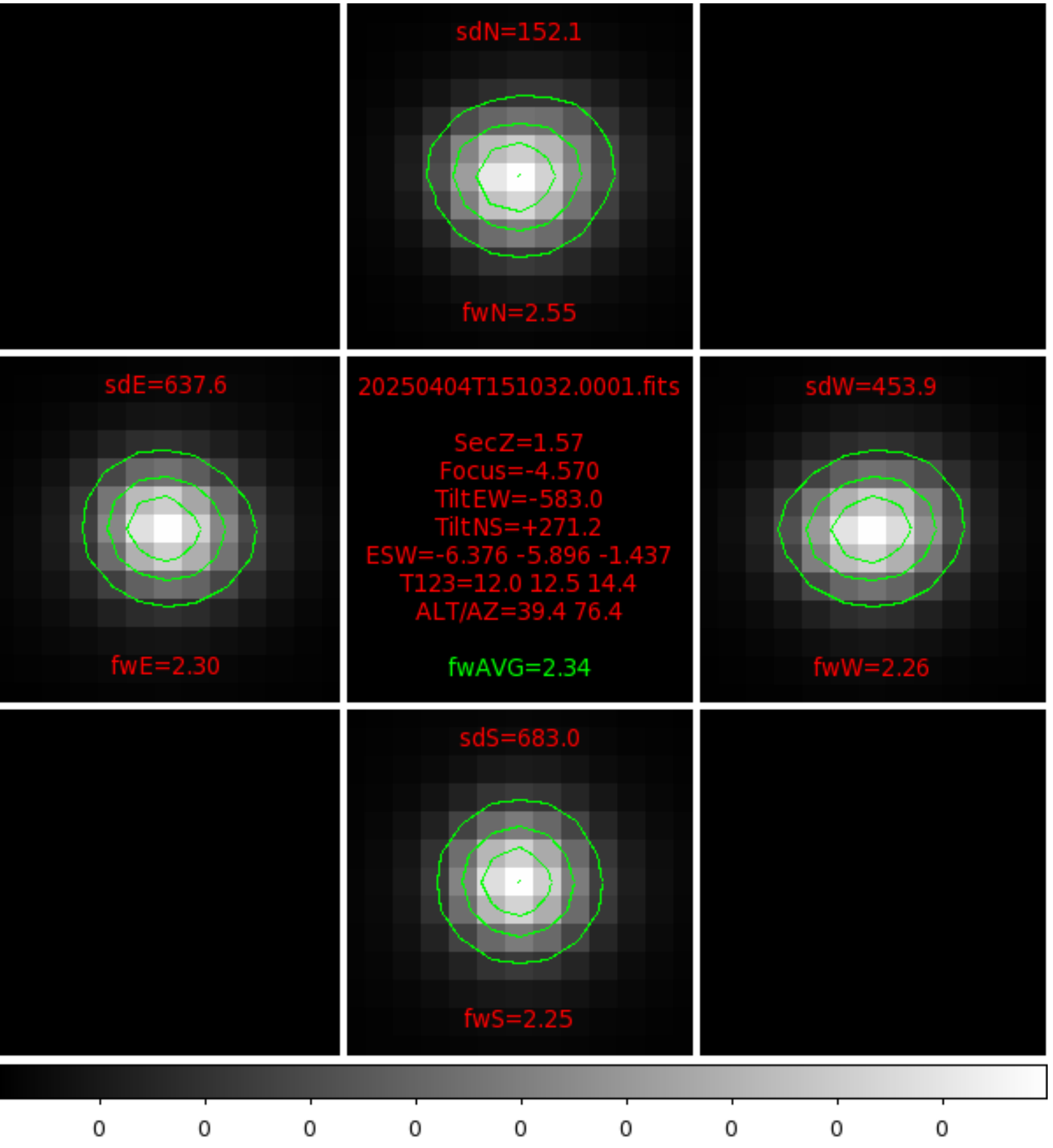
sdN=152.1
fwN=2.55
sdE=637.6
fwE=2.30
20250404T151032.0001.fits
SecZ=1.57
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=12.0 12.5 14.4
ALT/AZ=39.4 76.4
fwAVG=2.34
sdW=453.9
fwW=2.26
sdS=683.0
fwS=2.25
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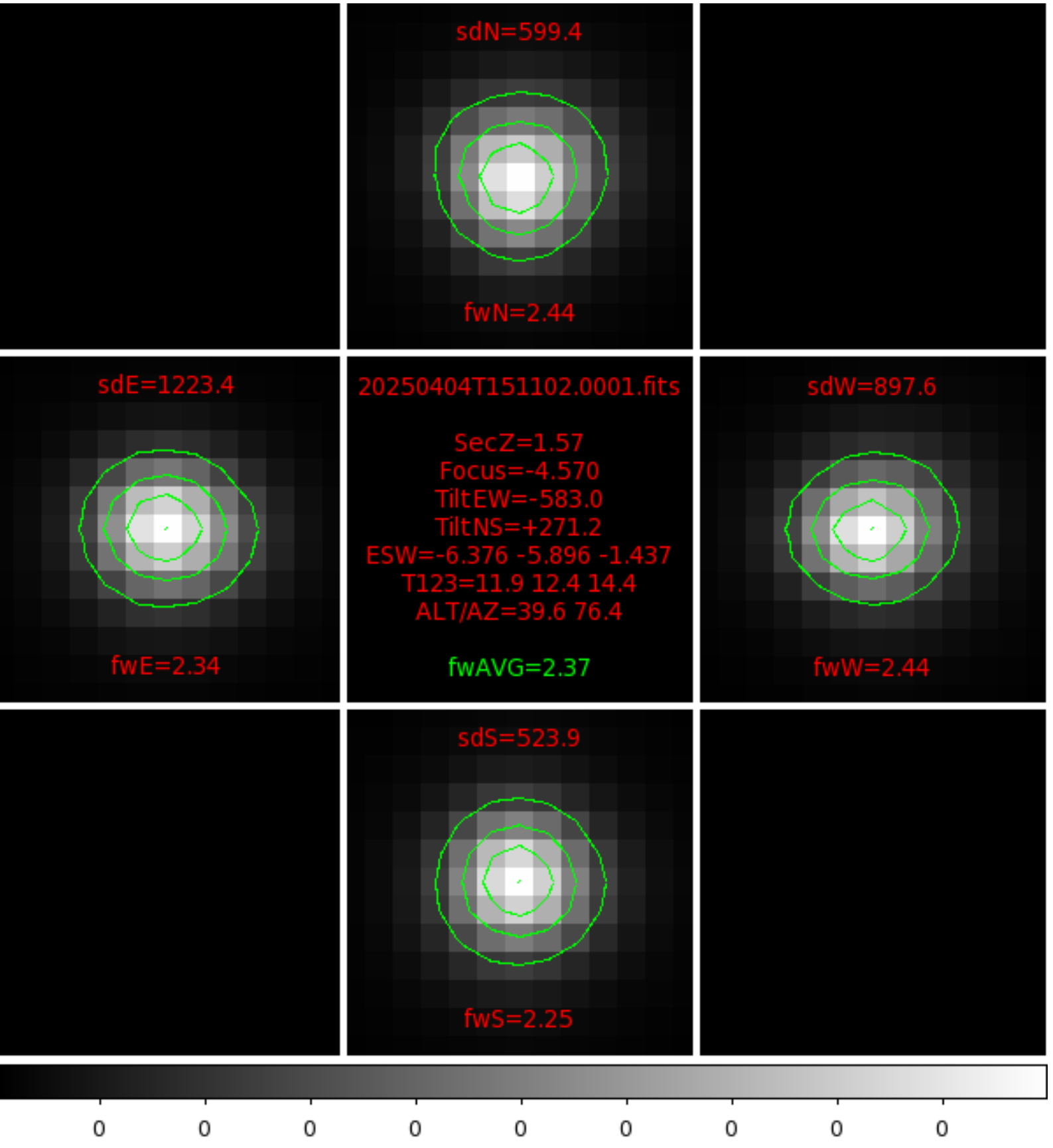
sdN=599.4
fwN=2.44
sdE=1223.4
fwE=2.34
20250404T151102.0001.fits
SecZ=1.57
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.9 12.4 14.4
ALT/AZ=39.6 76.4
fwAVG=2.37
sdW=897.6
fwW=2.44
sdS=523.9
fwS=2.25
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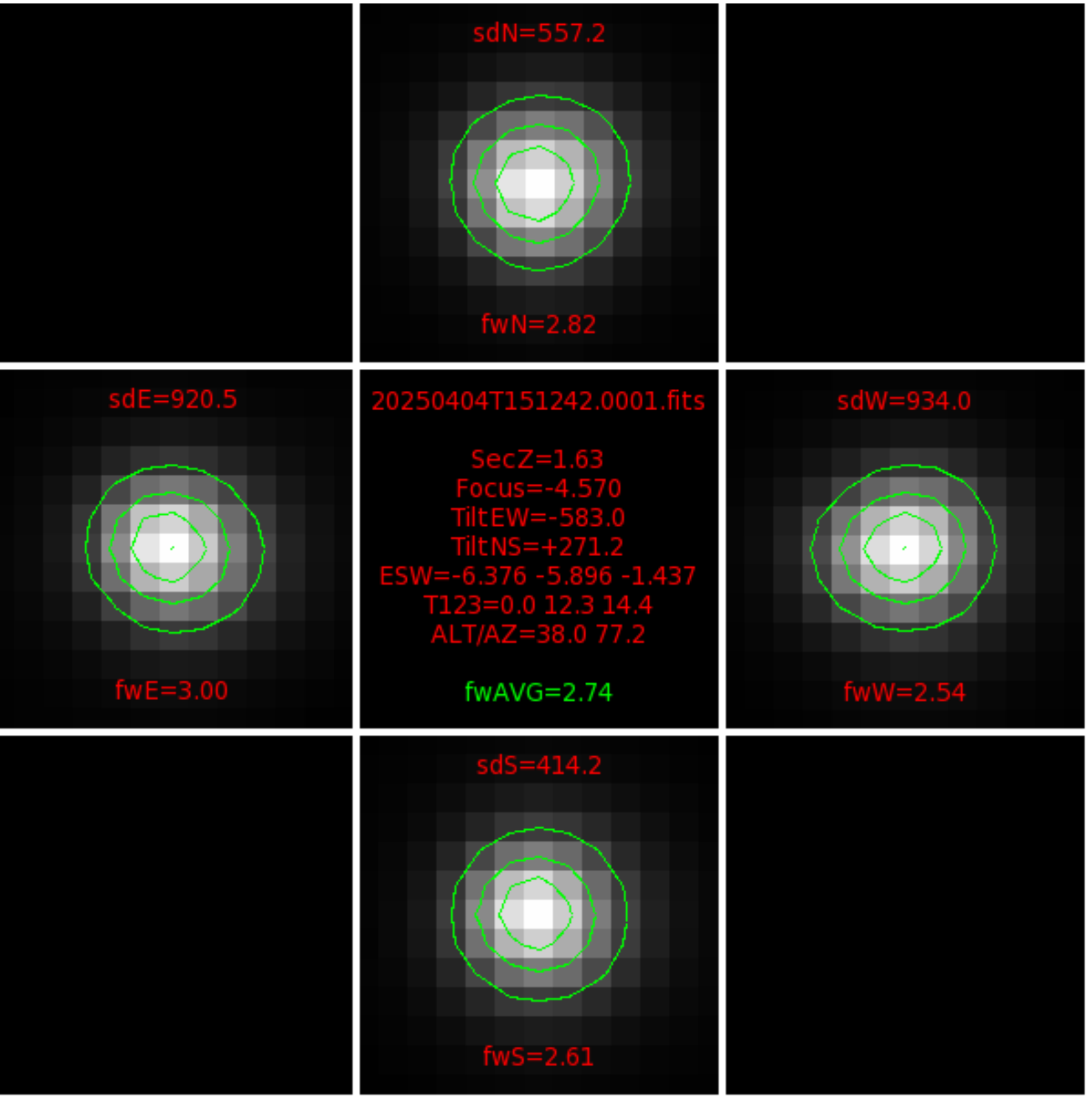
sdN=557.2
fwN=2.82
sdE=920.5
fwE=3.00
20250404T151242.0001.fits
SecZ=1.63
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=0.0 12.3 14.4
ALT/AZ=38.0 77.2
fwAVG=2.74
sdW=934.0
fwW=2.54
sdS=414.2
fwS=2.61
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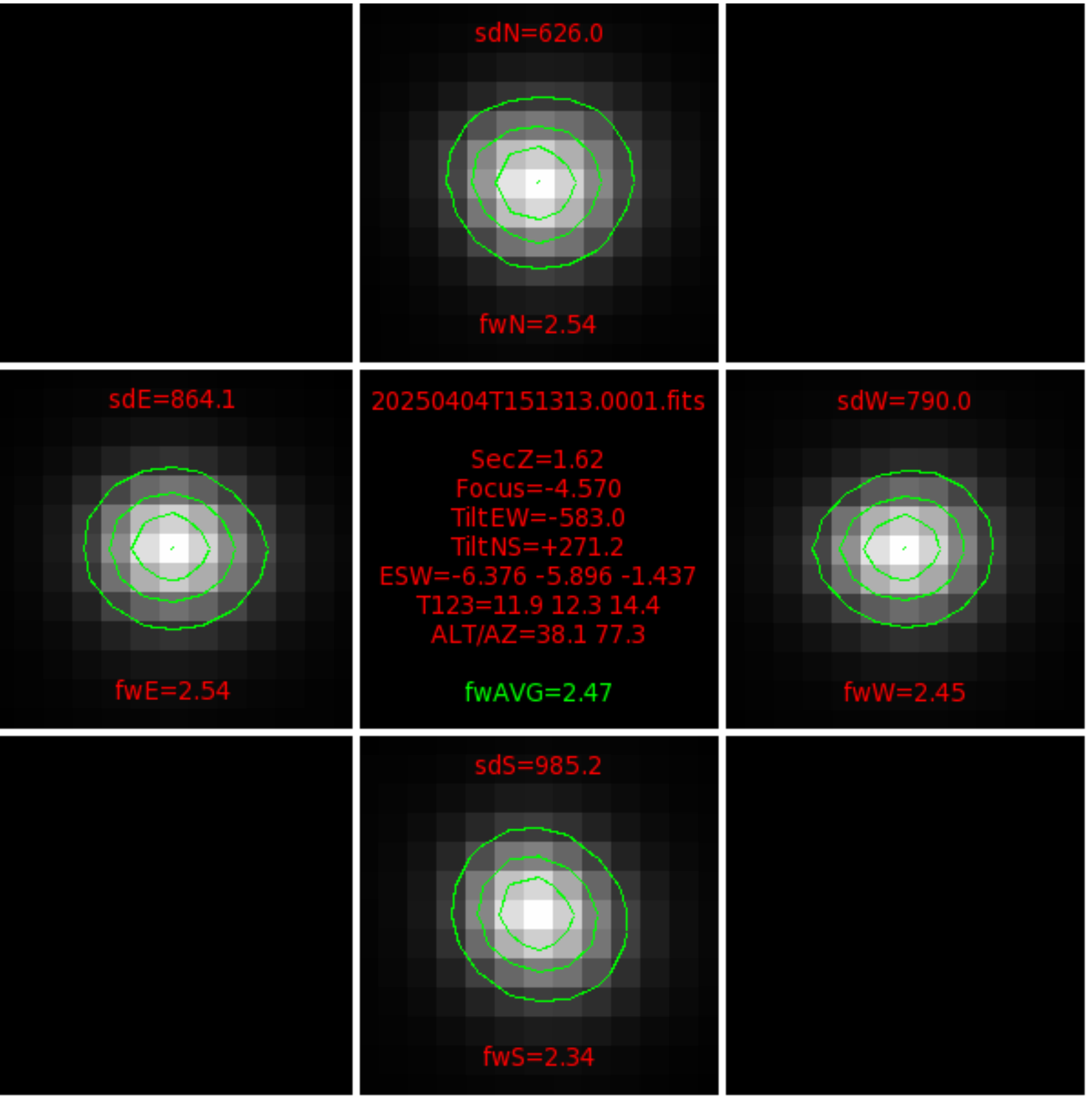
sdN=626.0
fwN=2.54
sdE=864.1
fwE=2.54
20250404T151313.0001.fits
SecZ=1.62
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.9 12.3 14.4
ALT/AZ=38.1 77.3
fwAVG=2.47
sdW=790.0
fwW=2.45
sdS=985.2
fwS=2.34
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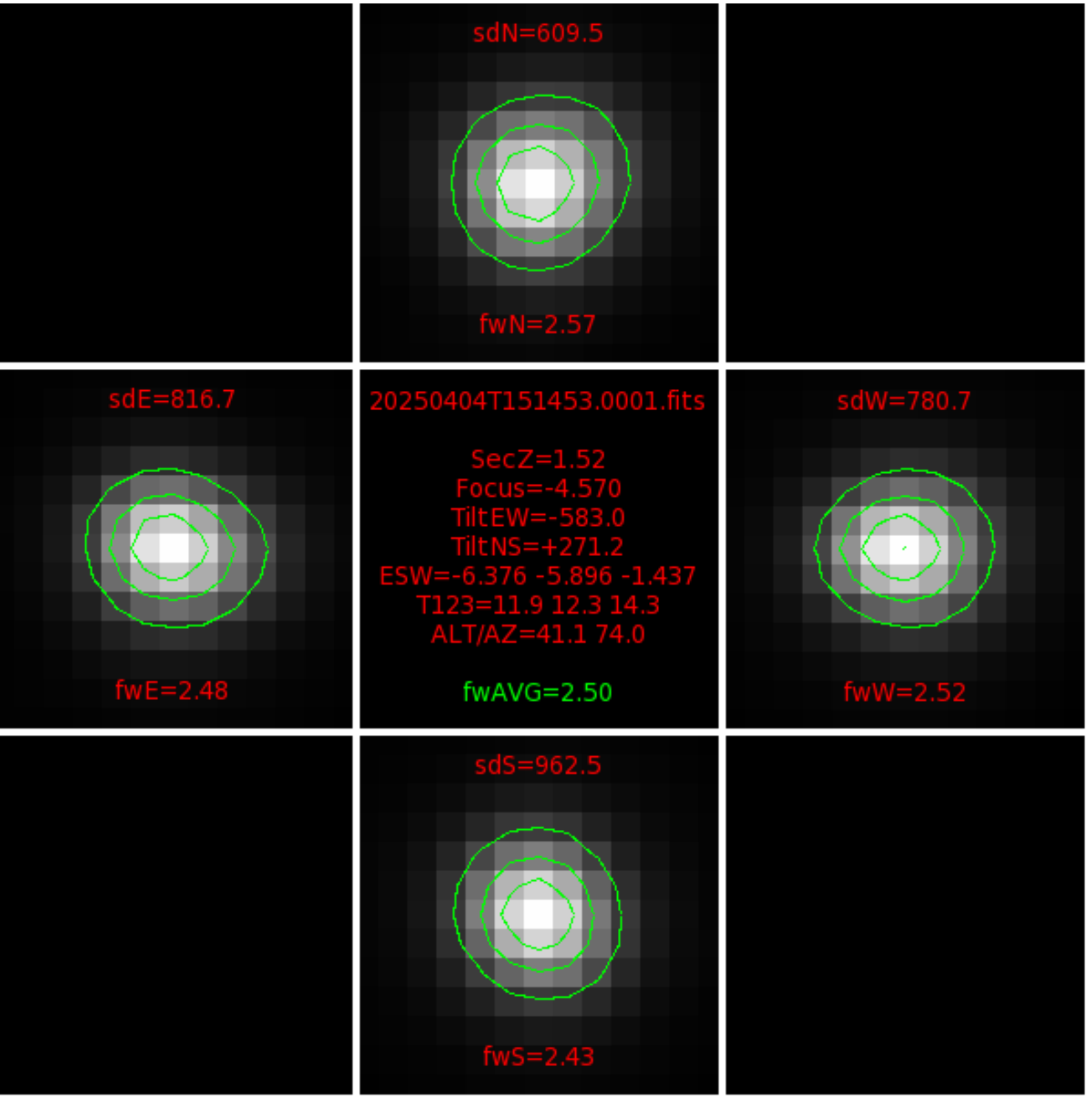
sdN=609.5
fwN=2.57
sdE=816.7
fwE=2.48
20250404T151453.0001.fits
SecZ=1.52
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.9 12.3 14.3
ALT/AZ=41.1 74.0
fwAVG=2.50
sdW=780.7
fwW=2.52
sdS=962.5
fwS=2.43
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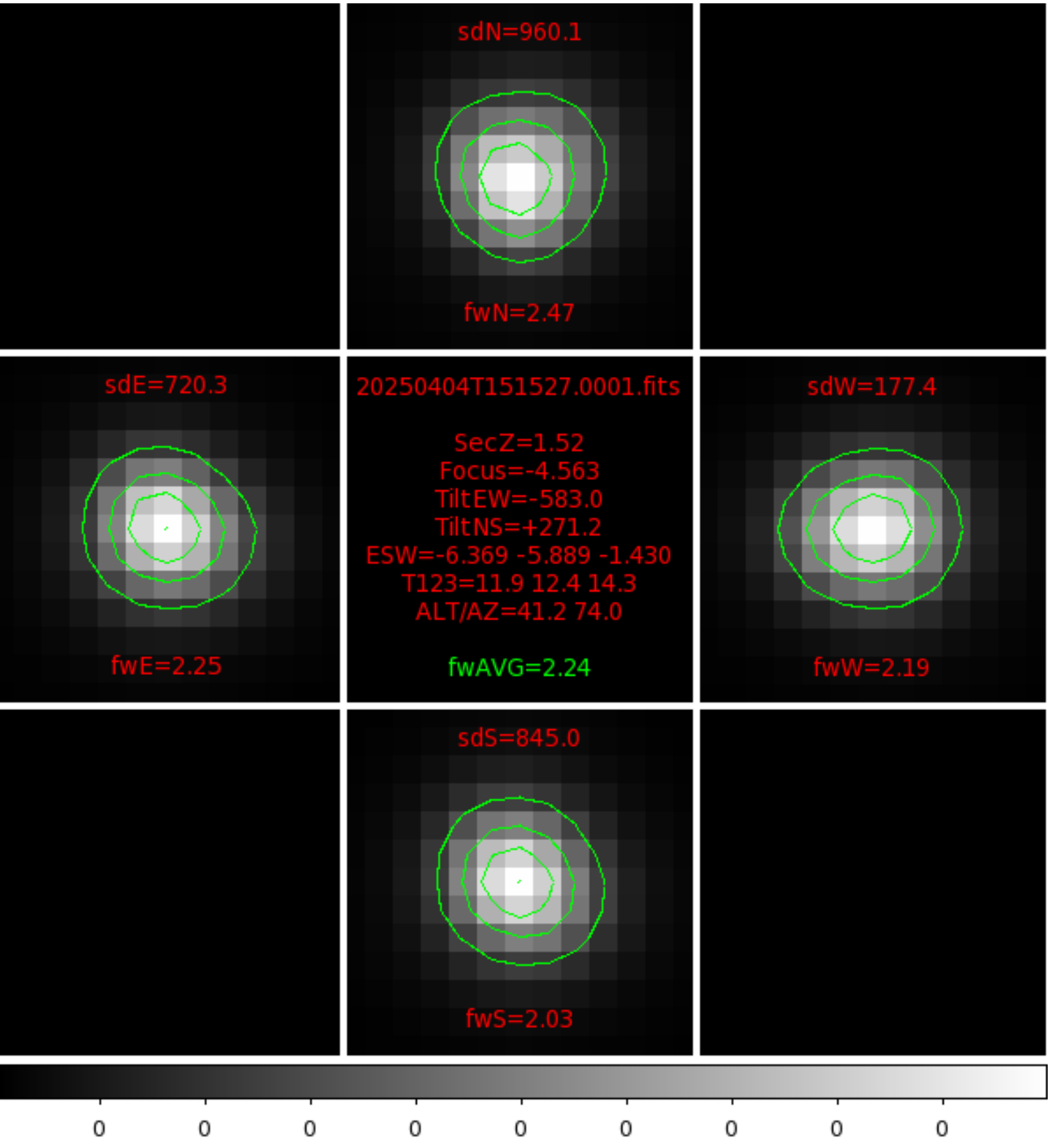
sdN=960.1
fwN=2.47
sdE=720.3
fwE=2.25
20250404T151527.0001.fits
SecZ=1.52
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.9 12.4 14.3
ALT/AZ=41.2 74.0
fwAVG=2.24
sdW=177.4
fwW=2.19
sdS=845.0
fwS=2.03
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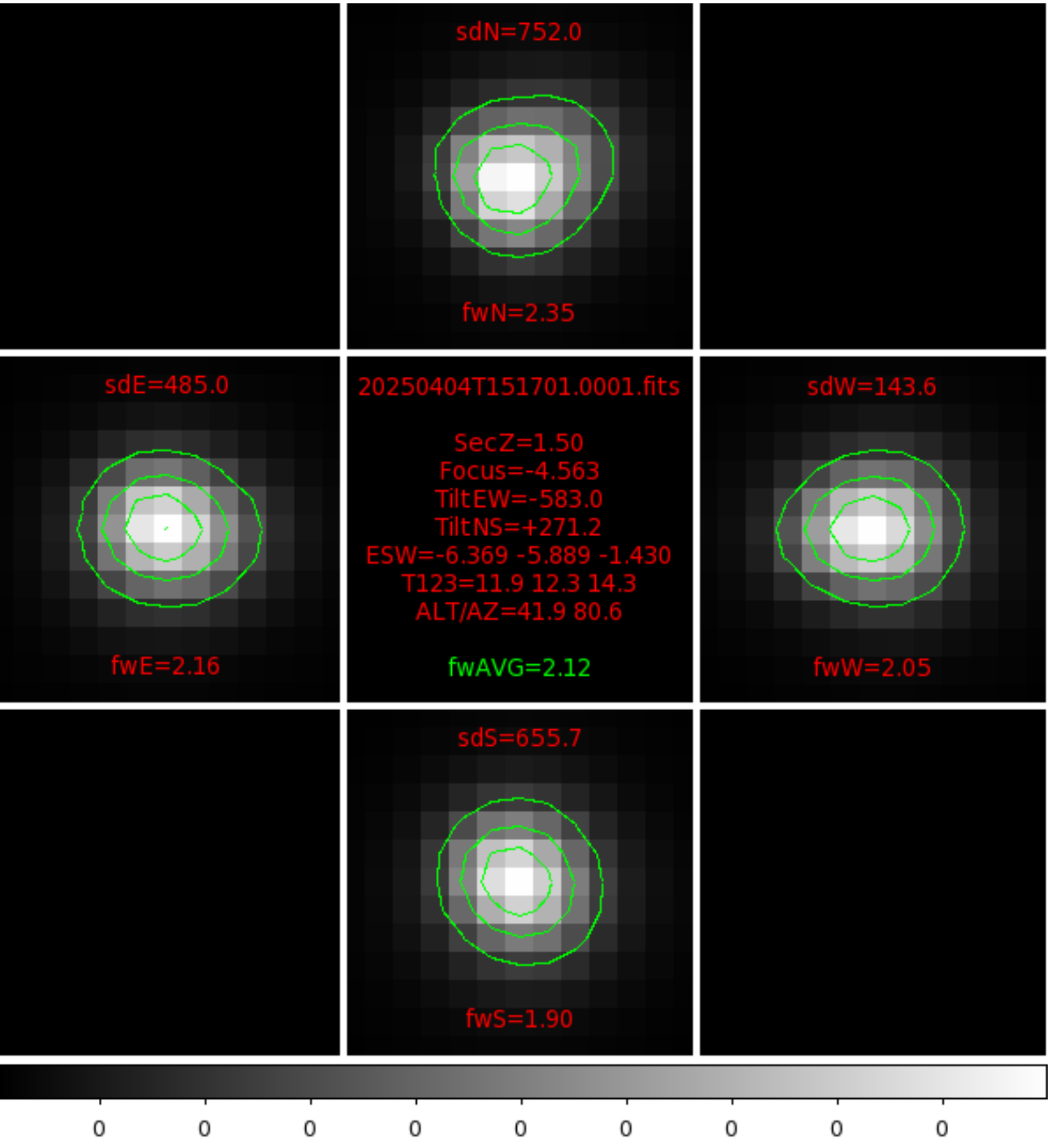
sdN=752.0
fwN=2.35
sdE=485.0
fwE=2.16
20250404T151701.0001.fits
SecZ=1.50
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.9 12.3 14.3
ALT/AZ=41.9 80.6
fwAVG=2.12
sdW=143.6
fwW=2.05
sdS=655.7
fwS=1.90
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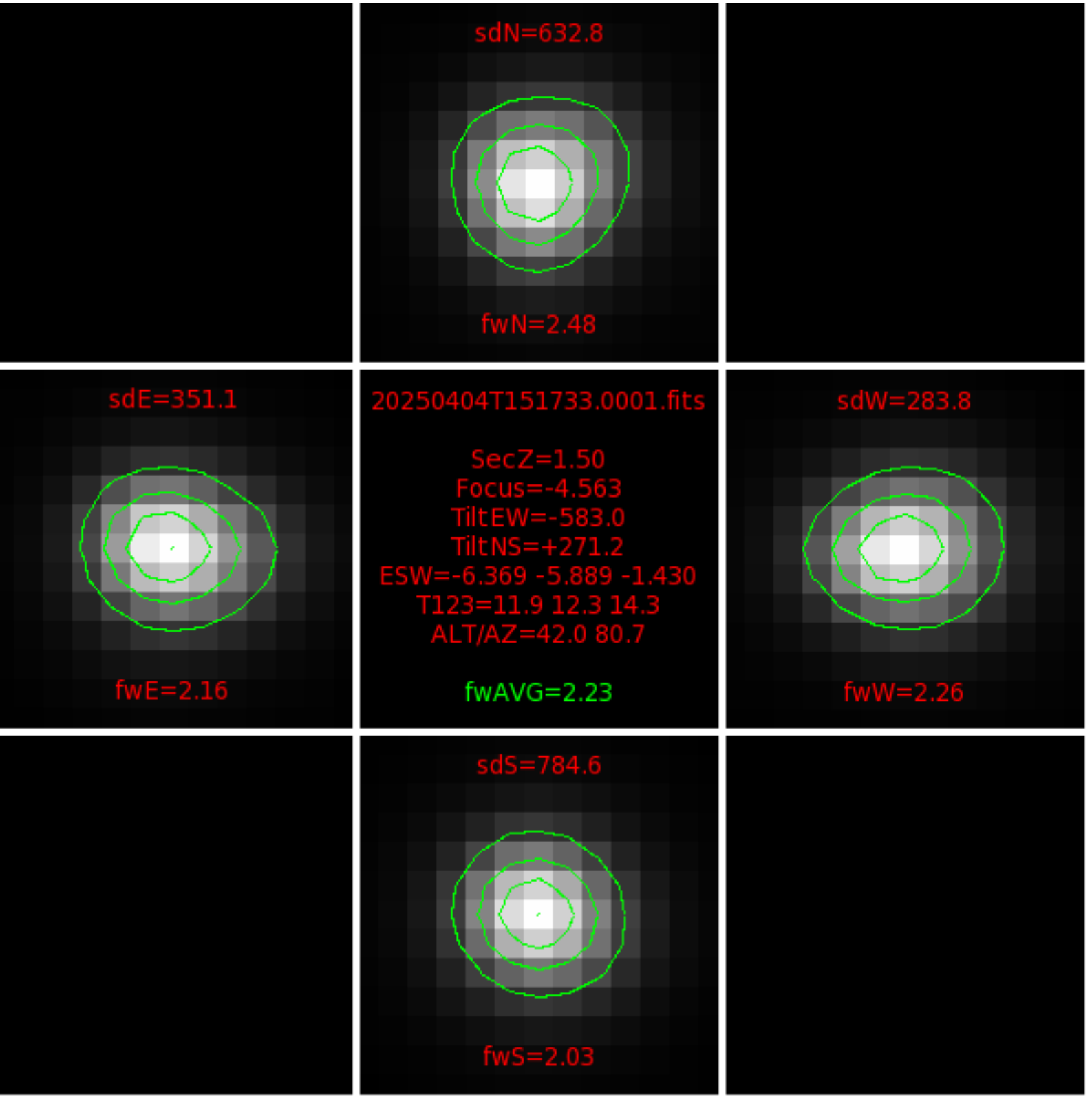
sdN=632.8
fwN=2.48
sdE=351.1
fwE=2.16
20250404T151733.0001.fits
SecZ=1.50
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.9 12.3 14.3
ALT/AZ=42.0 80.7
fwAVG=2.23
sdW=283.8
fwW=2.26
sdS=784.6
fwS=2.03
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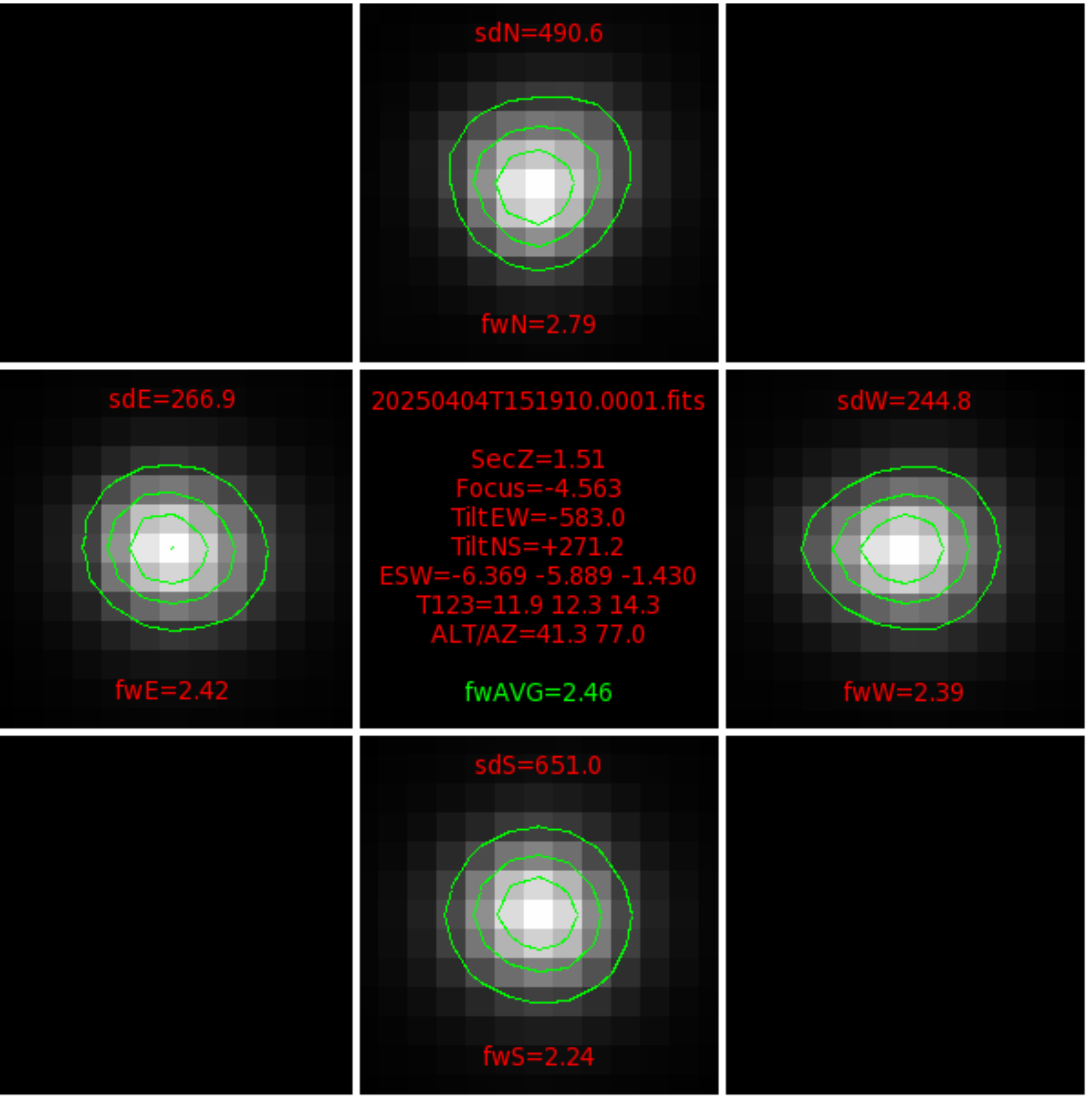
sdN=490.6
fwN=2.79
sdE=266.9
fwE=2.42
20250404T151910.0001.fits
SecZ=1.51
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.9 12.3 14.3
ALT/AZ=41.3 77.0
fwAVG=2.46
sdW=244.8
fwW=2.39
sdS=651.0
fwS=2.24
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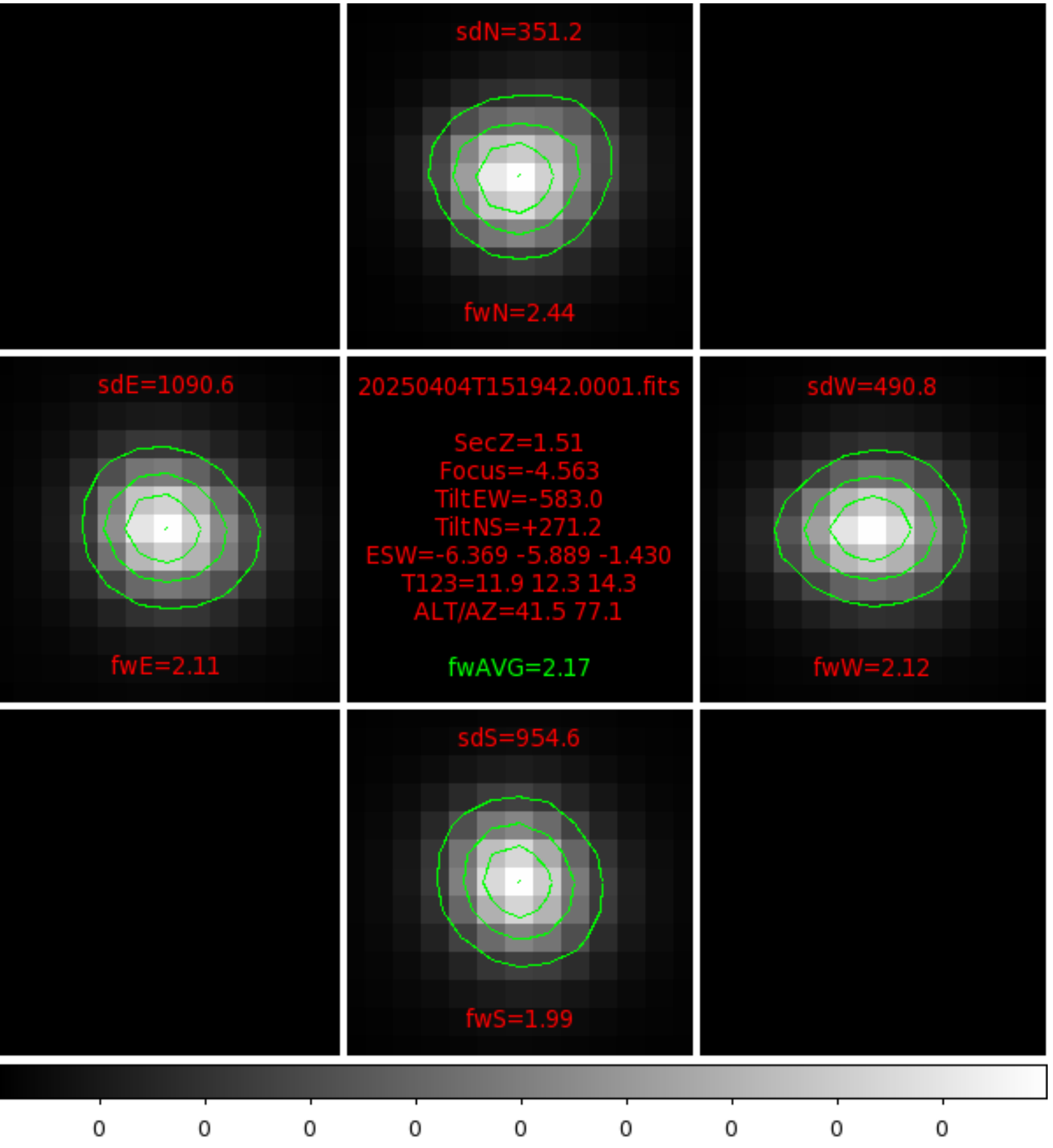
sdN=351.2
fwN=2.44
sdE=1090.6
fwE=2.11
20250404T151942.0001.fits
SecZ=1.51
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.9 12.3 14.3
ALT/AZ=41.5 77.1
fwAVG=2.17
sdW=490.8
fwW=2.12
sdS=954.6
fwS=1.99
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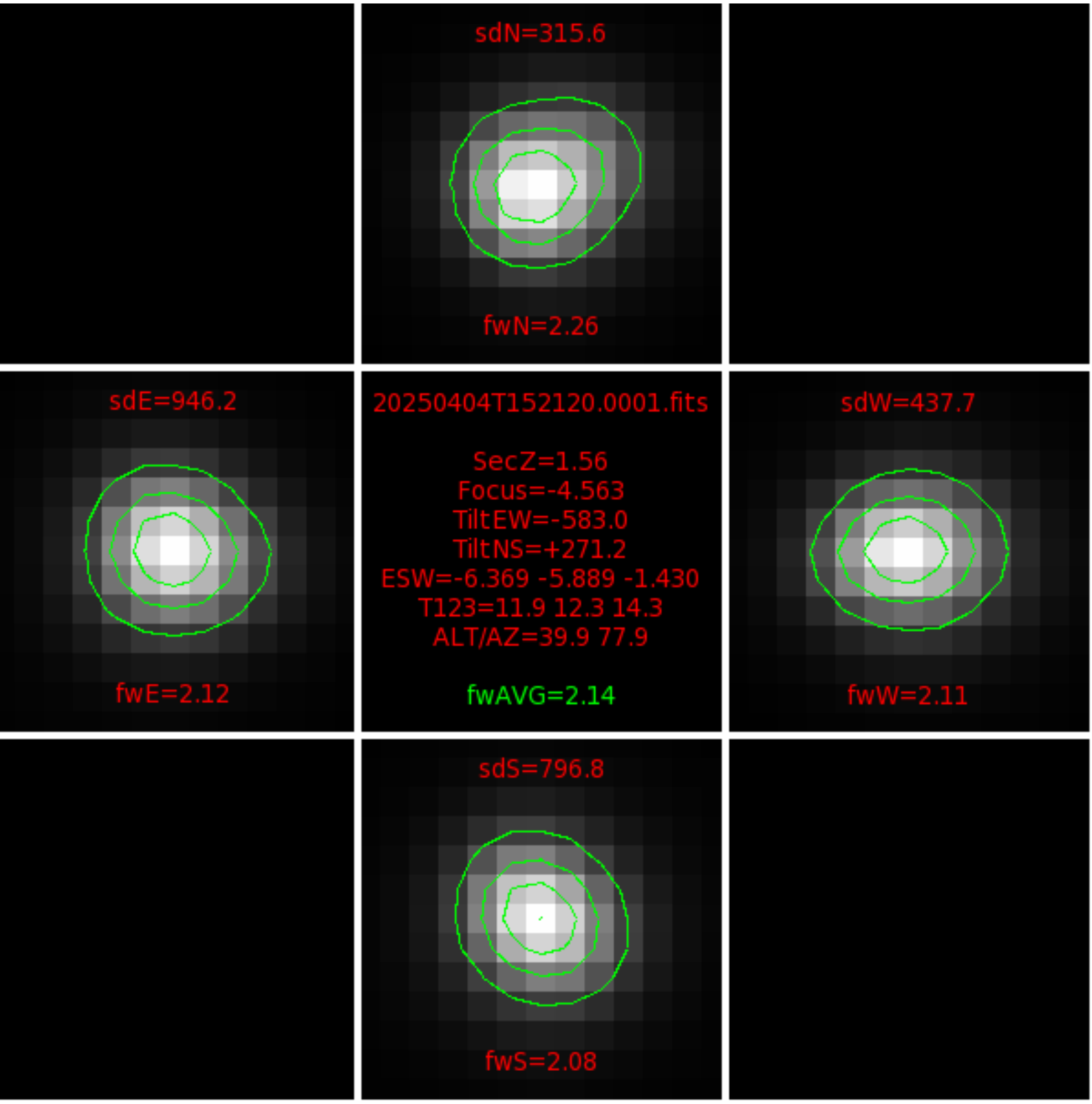
sdN=315.6
fwN=2.26
sdE=946.2
fwE=2.12
20250404T152120.0001.fits
SecZ=1.56
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.9 12.3 14.3
ALT/AZ=39.9 77.9
fwAVG=2.14
sdW=437.7
fwW=2.11
sdS=796.8
fwS=2.08
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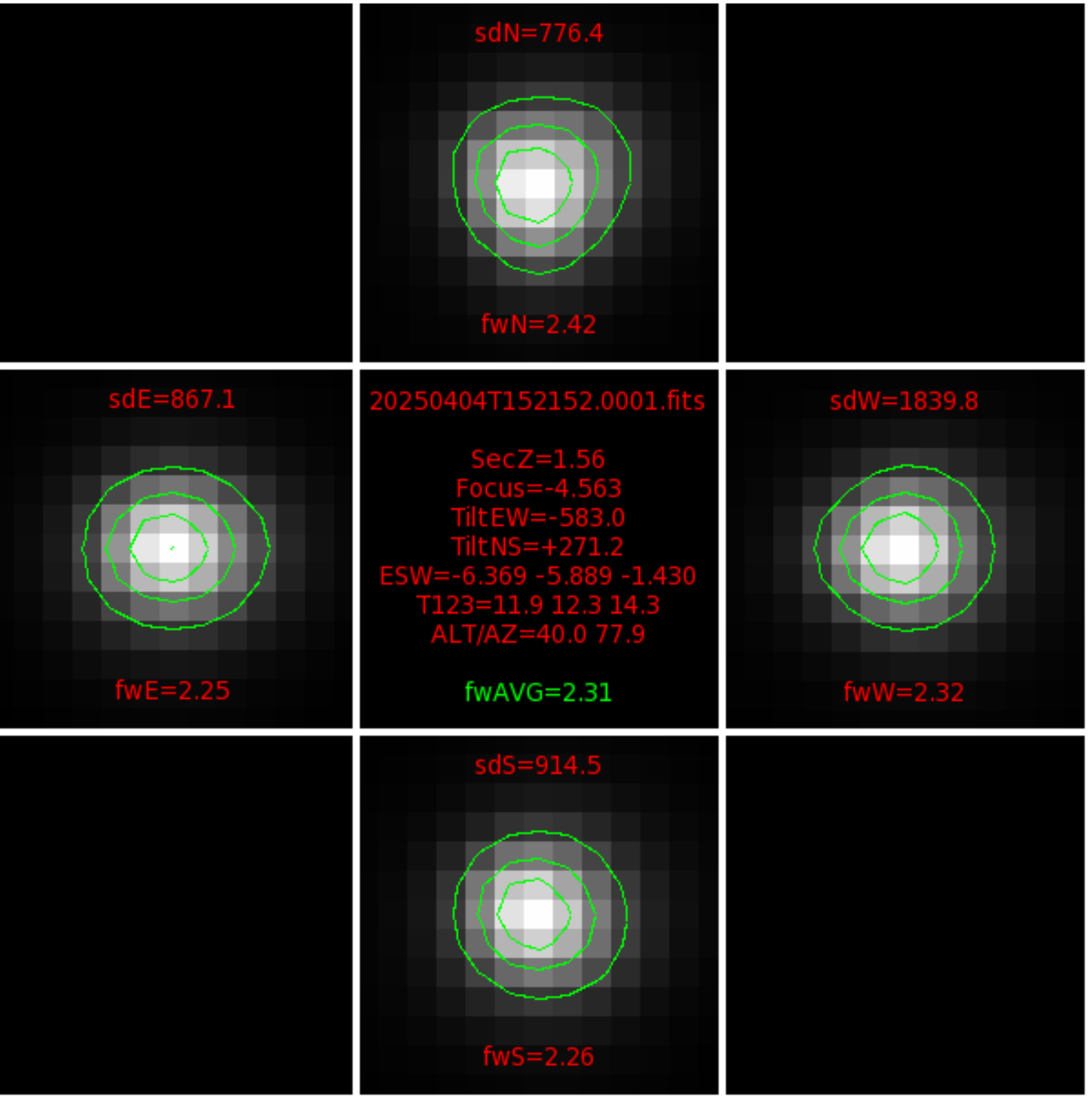
sdN=776.4
fwN=2.42
sdE=867.1
fwE=2.25
20250404T152152.0001.fits
SecZ=1.56
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.9 12.3 14.3
ALT/AZ=40.0 77.9
fwAVG=2.31
sdW=1839.8
fwW=2.32
sdS=914.5
fwS=2.26
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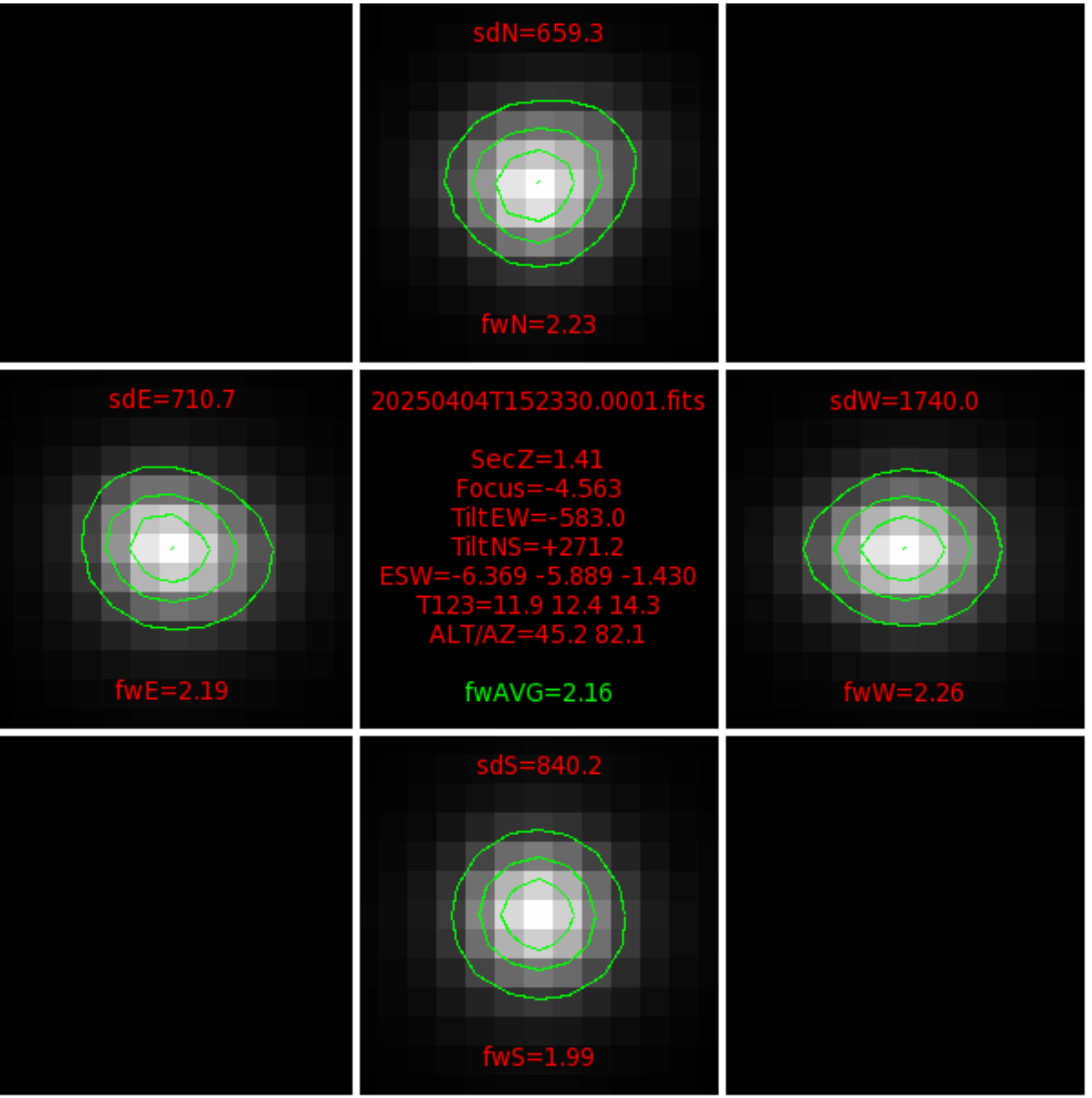
sdN=659.3
fwN=2.23
sdE=710.7
fwE=2.19
20250404T152330.0001.fits
SecZ=1.41
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.9 12.4 14.3
ALT/AZ=45.2 82.1
fwAVG=2.16
sdW=1740.0
fwW=2.26
sdS=840.2
fwS=1.99
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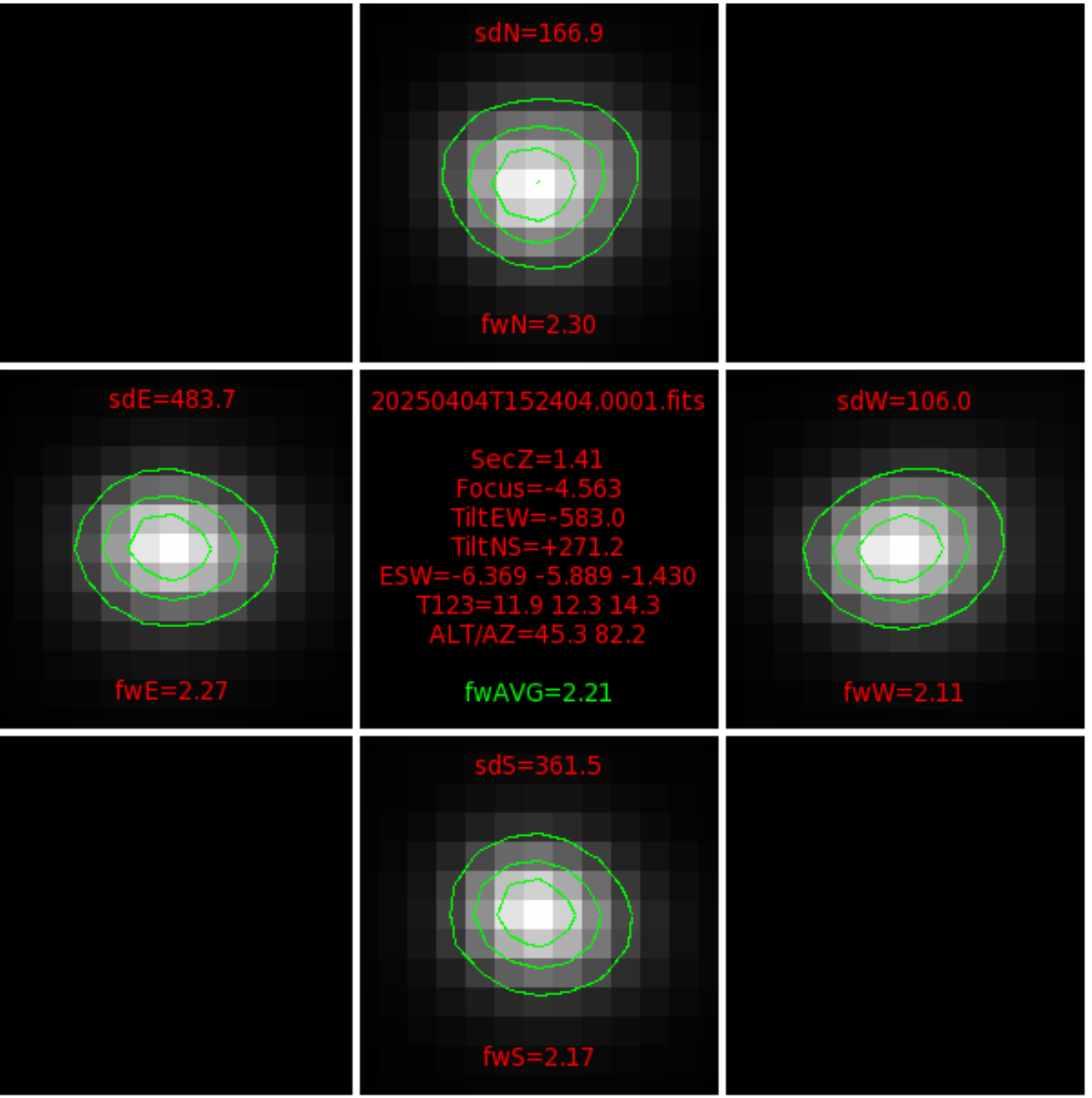
sdN=166.9
fwN=2.30
sdE=483.7
fwE=2.27
20250404T152404.0001.fits
SecZ=1.41
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.9 12.3 14.3
ALT/AZ=45.3 82.2
fwAVG=2.21
sdW=106.0
fwW=2.11
sdS=361.5
fwS=2.17
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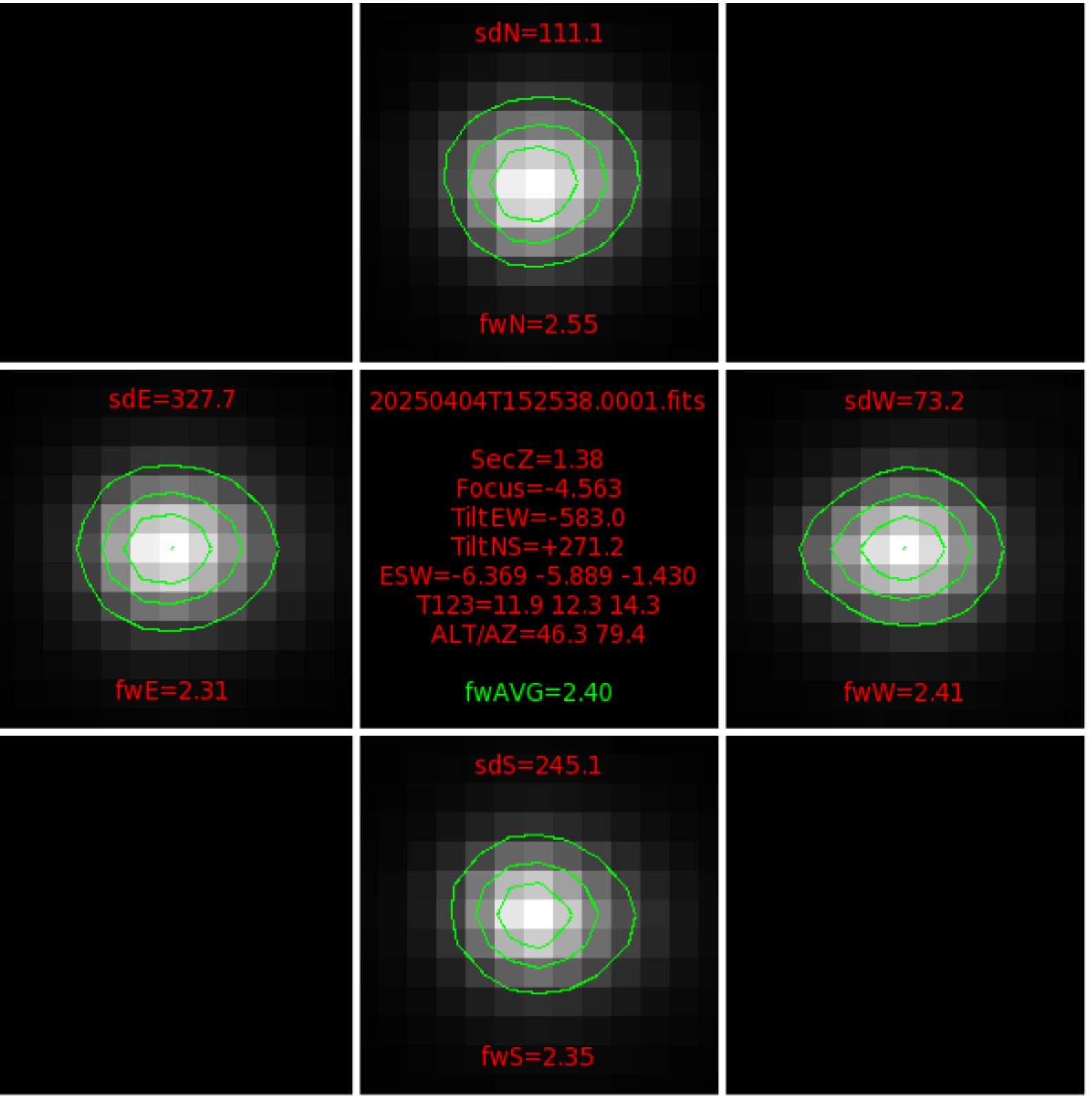
sdN=111.1
fwN=2.55
sdE=327.7
fwE=2.31
20250404T152538.0001.fits
SecZ=1.38
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.9 12.3 14.3
ALT/AZ=46.3 79.4
fwAVG=2.40
sdW=73.2
fwW=2.41
sdS=245.1
fwS=2.35
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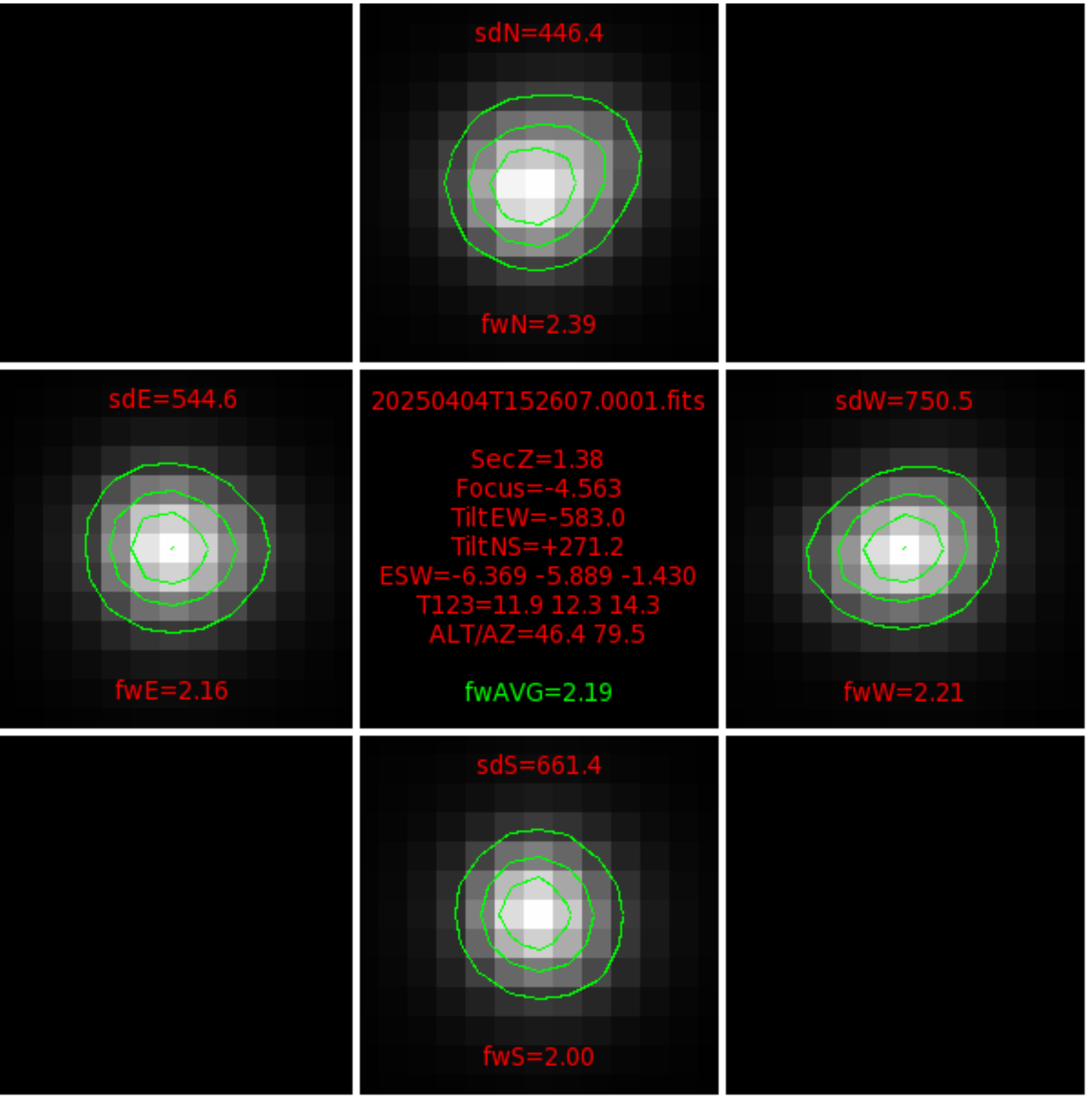
sdN=446.4
fwN=2.39
sdE=544.6
fwE=2.16
20250404T152607.0001.fits
SecZ=1.38
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.9 12.3 14.3
ALT/AZ=46.4 79.5
fwAVG=2.19
sdW=750.5
fwW=2.21
sdS=661.4
fwS=2.00
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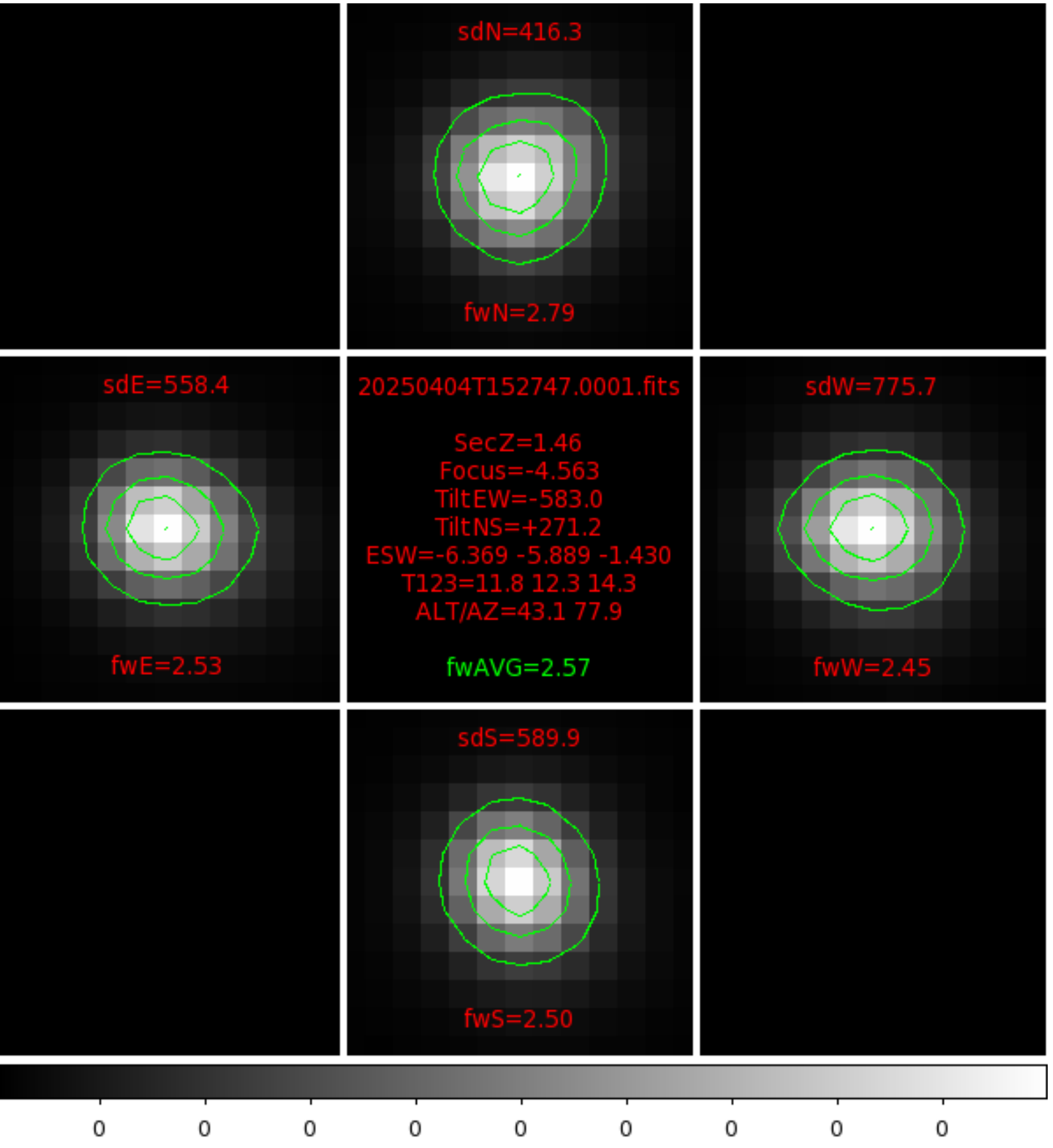
sdN=416.3
fwN=2.79
sdE=558.4
fwE=2.53
20250404T152747.0001.fits
SecZ=1.46
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.8 12.3 14.3
ALT/AZ=43.1 77.9
fwAVG=2.57
sdW=775.7
fwW=2.45
sdS=589.9
fwS=2.50
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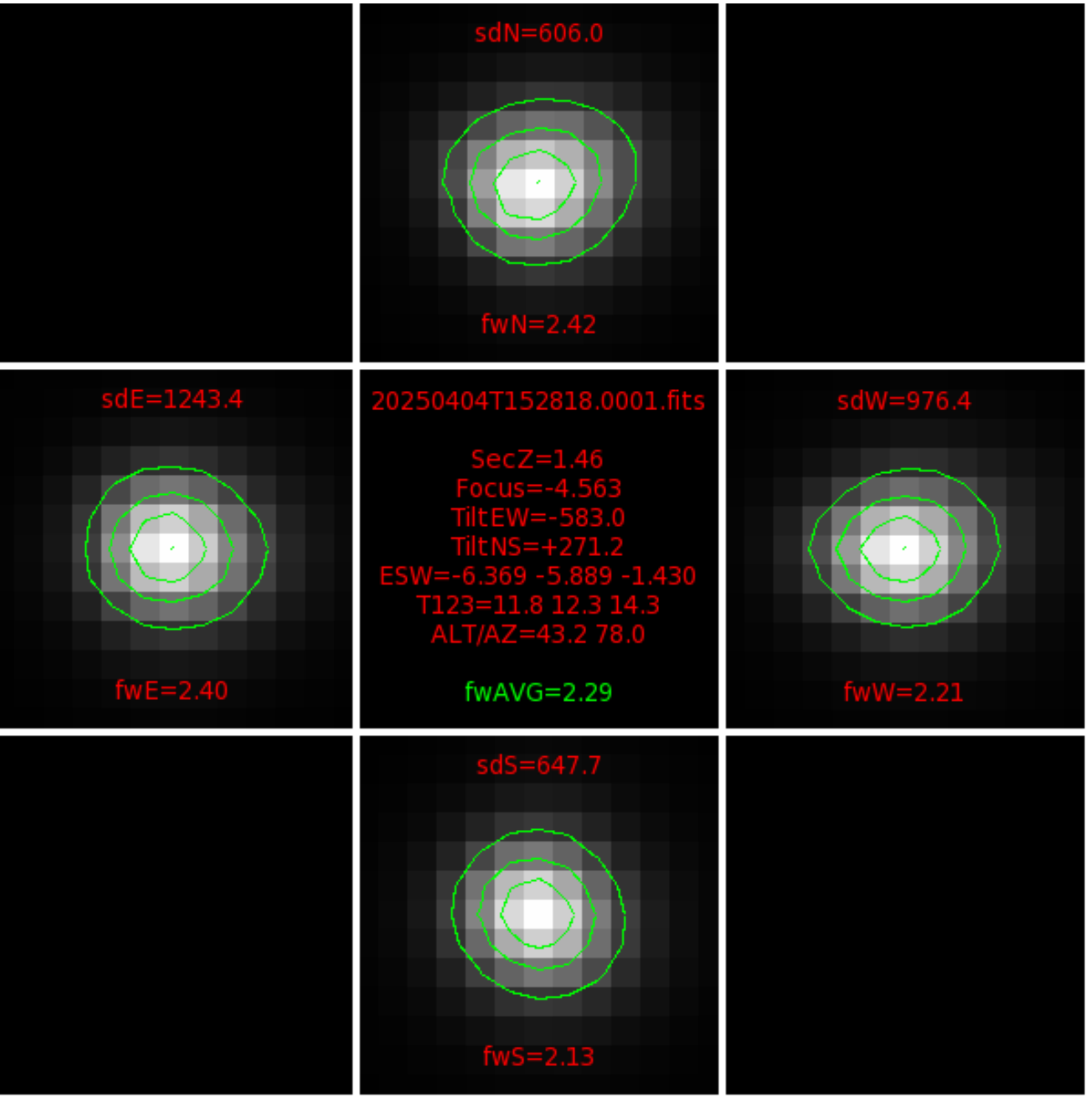
sdN=606.0
fwN=2.42
sdE=1243.4
fwE=2.40
20250404T152818.0001.fits
SecZ=1.46
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.8 12.3 14.3
ALT/AZ=43.2 78.0
fwAVG=2.29
sdW=976.4
fwW=2.21
sdS=647.7
fwS=2.13
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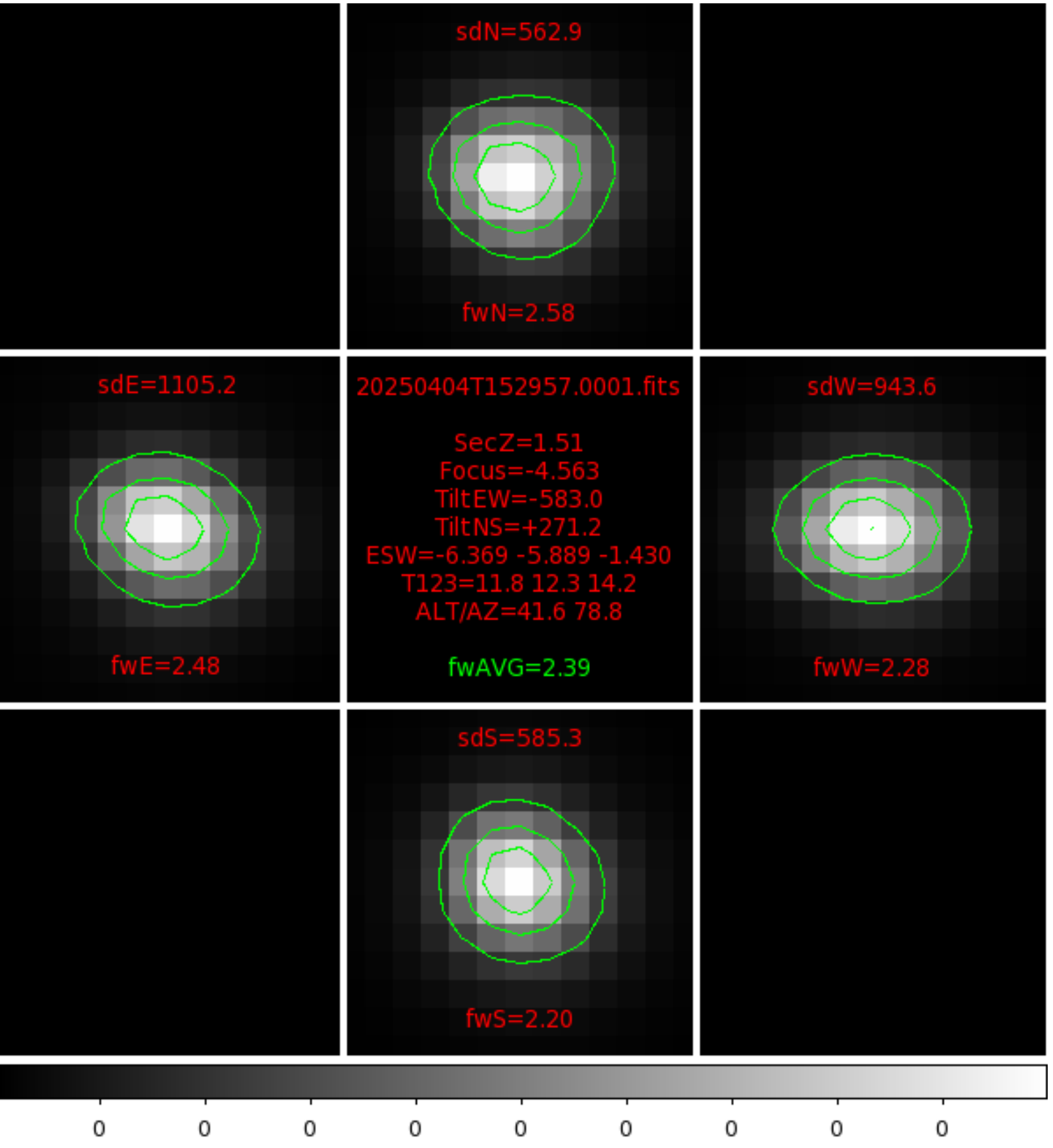
sdN=562.9
fwN=2.58
sdE=1105.2
fwE=2.48
20250404T152957.0001.fits
SecZ=1.51
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.8 12.3 14.2
ALT/AZ=41.6 78.8
fwAVG=2.39
sdW=943.6
fwW=2.28
sdS=585.3
fwS=2.20
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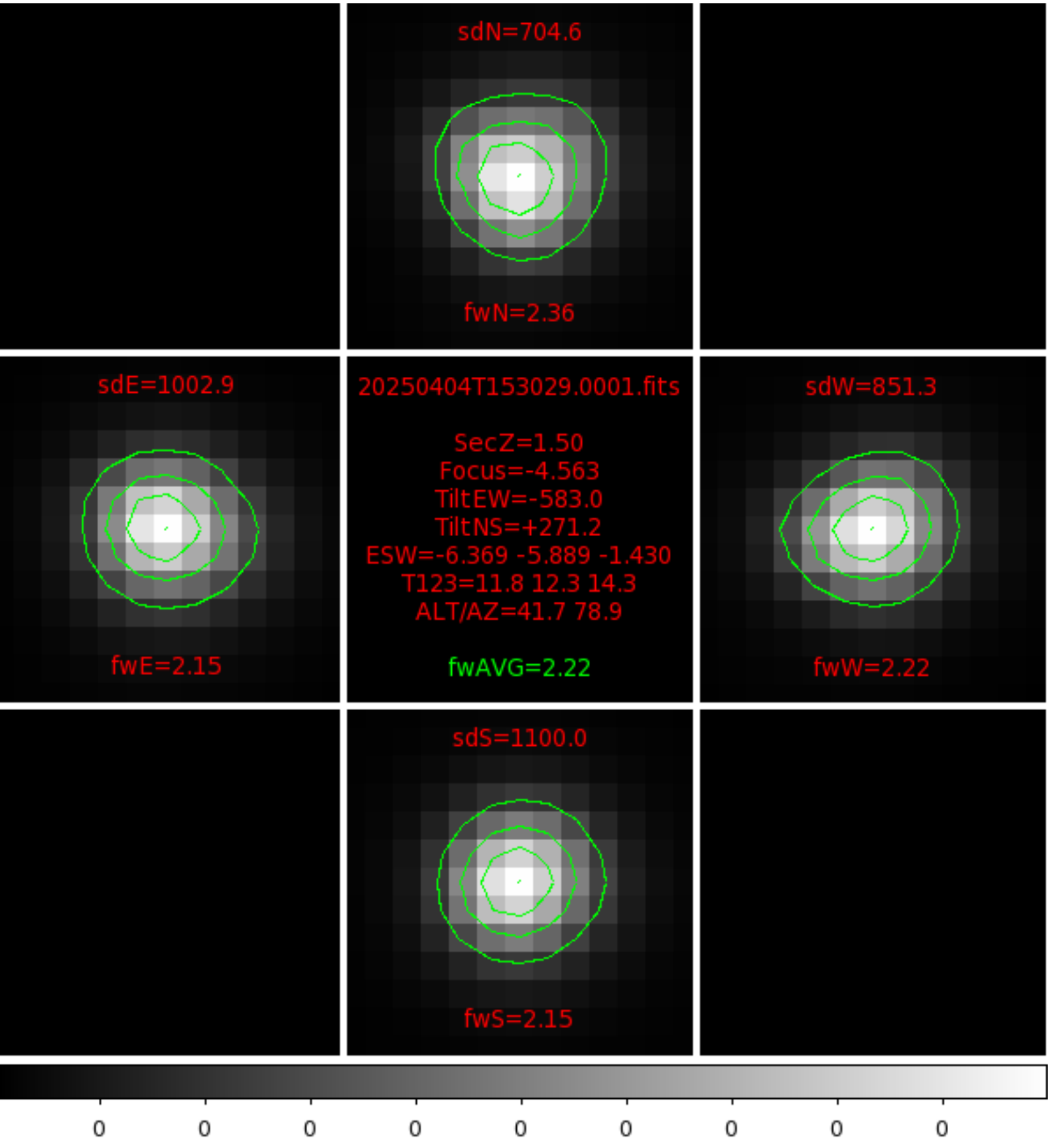
sdN=704.6
fwN=2.36
sdE=1002.9
fwE=2.15
20250404T153029.0001.fits
SecZ=1.50
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.8 12.3 14.3
ALT/AZ=41.7 78.9
fwAVG=2.22
sdW=851.3
fwW=2.22
sdS=1100.0
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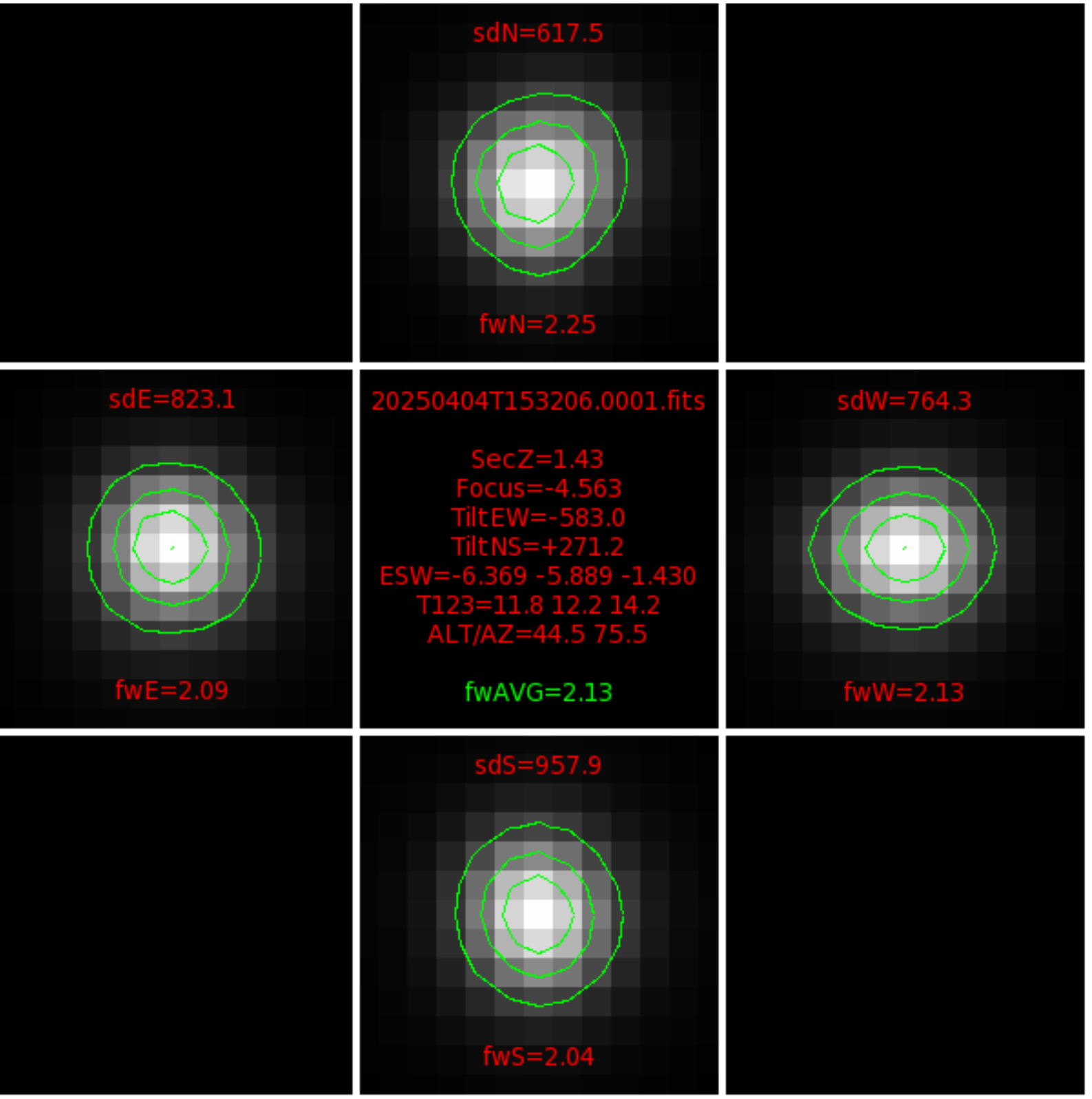
sdN=617.5
fwN=2.25
sdE=823.1
fwE=2.09
20250404T153206.0001.fits
SecZ=1.43
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.8 12.2 14.2
ALT/AZ=44.5 75.5
fwAVG=2.13
sdW=764.3
fwW=2.13
sdS=957.9
fwS=2.04
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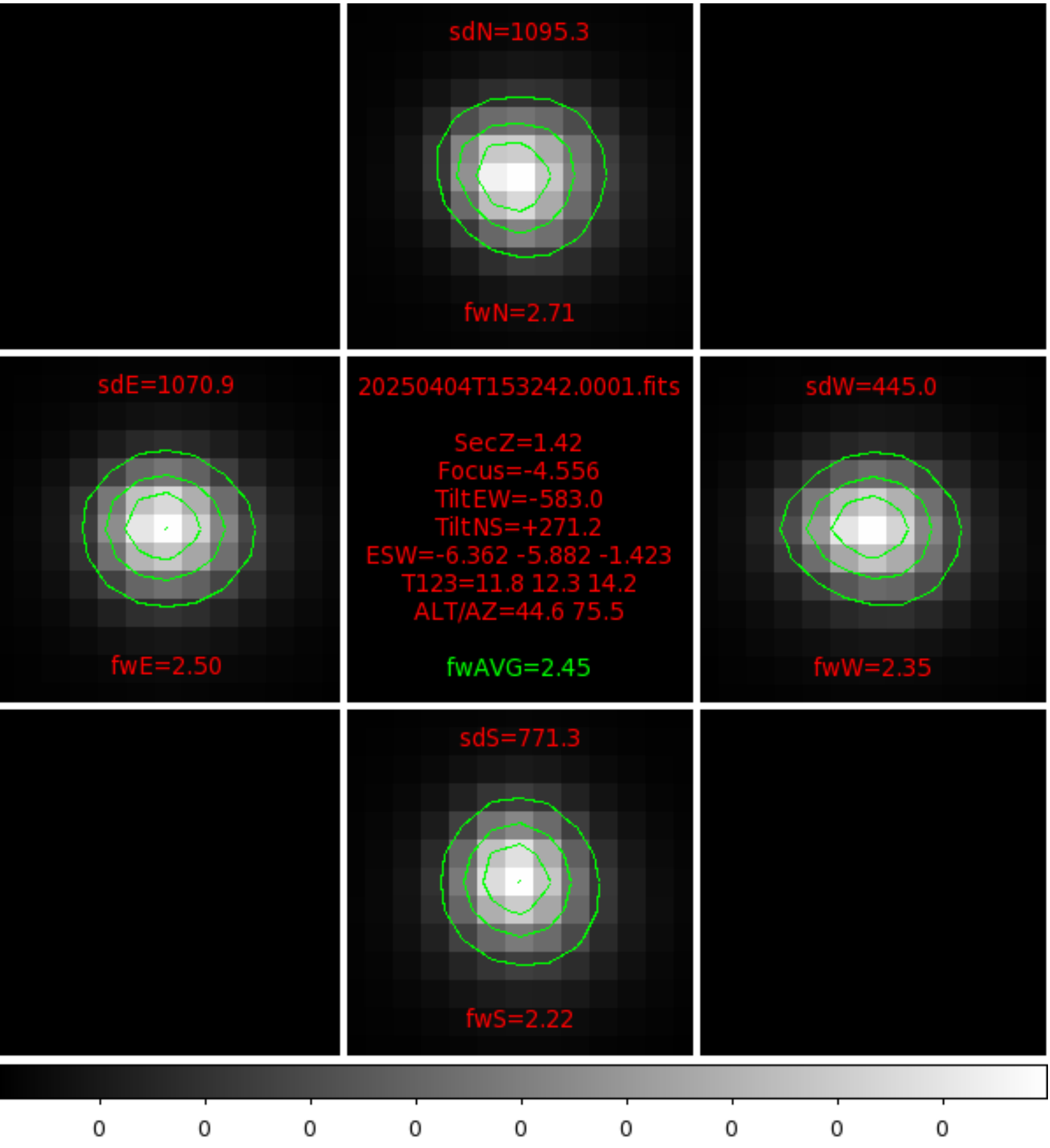
sdN=1095.3
fwN=2.71
sdE=1070.9
fwE=2.50
20250404T153242.0001.fits
SecZ=1.42
Focus=-4.556
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.362 -5.882 -1.423
T123=11.8 12.3 14.2
ALT/AZ=44.6 75.5
fwAVG=2.45
sdW=445.0
fwW=2.35
sdS=771.3
fwS=2.22
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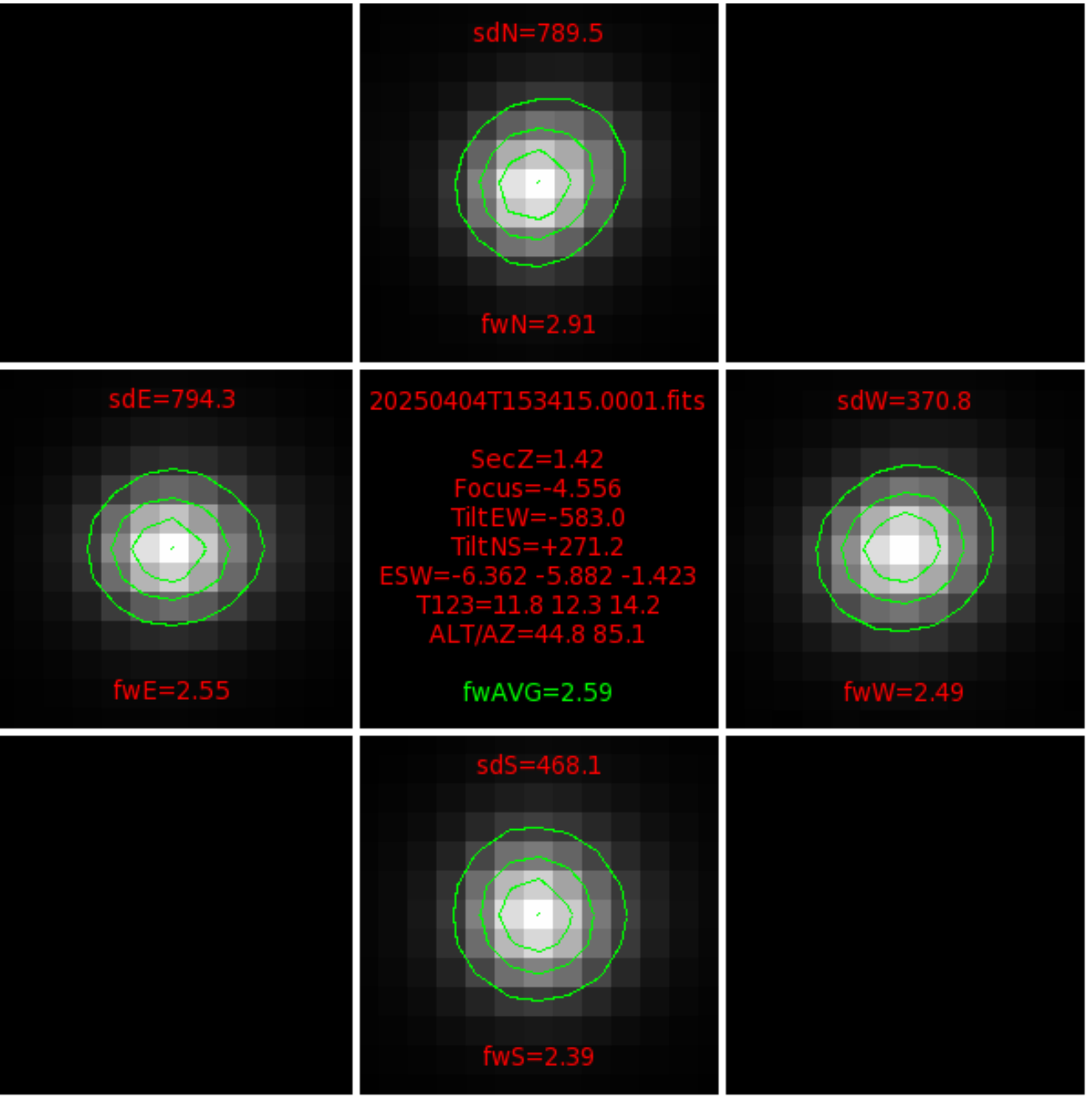
sdN=789.5
fwN=2.91
sdE=794.3
fwE=2.55
20250404T153415.0001.fits
SecZ=1.42
Focus=-4.556
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.362 -5.882 -1.423
T123=11.8 12.3 14.2
ALT/AZ=44.8 85.1
fwAVG=2.59
sdW=370.8
fwW=2.49
sdS=468.1
fwS=2.39
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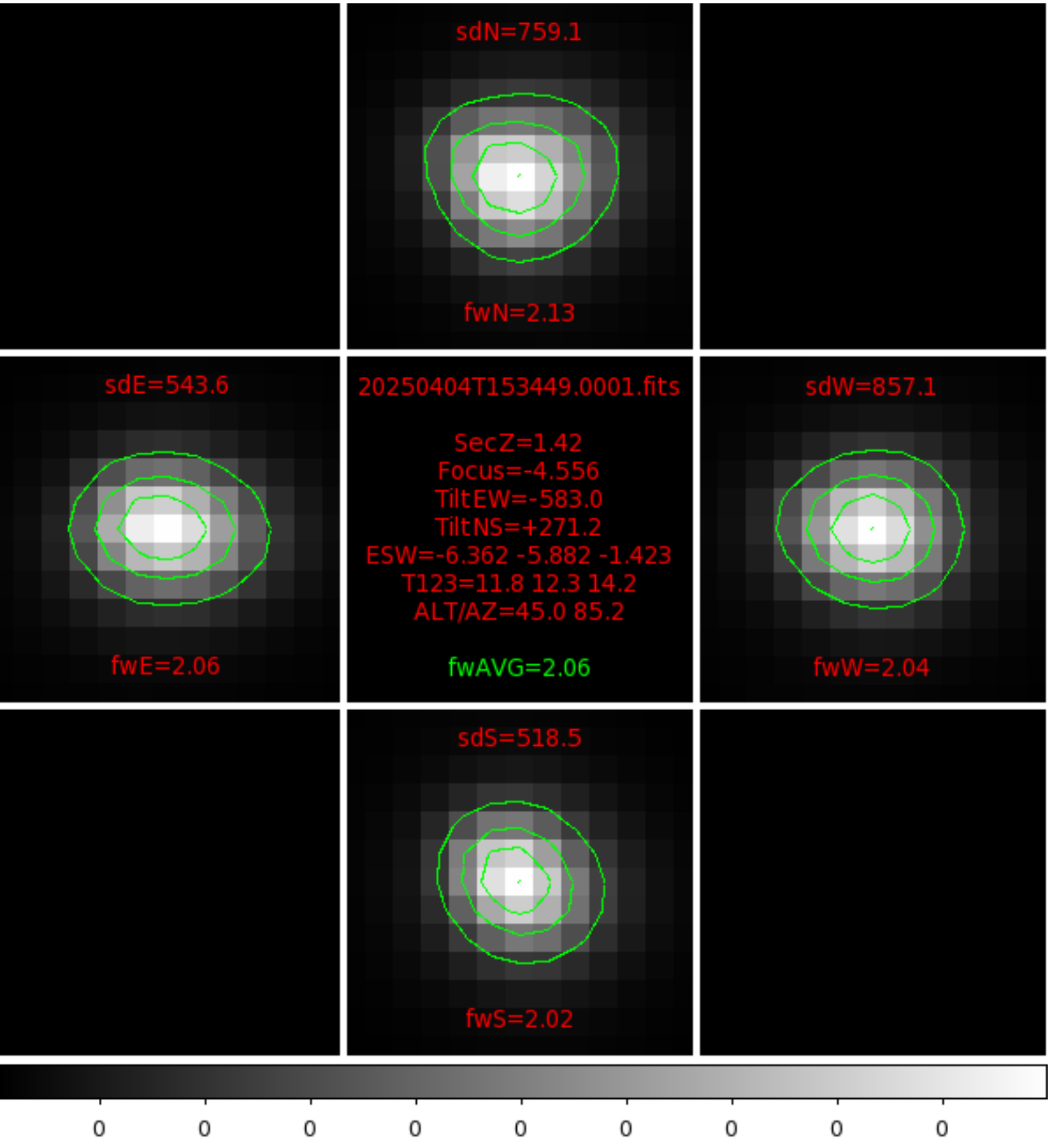
sdN=759.1
fwN=2.13
sdE=543.6
fwE=2.06
20250404T153449.0001.fits
SecZ=1.42
Focus=-4.556
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.362 -5.882 -1.423
T123=11.8 12.3 14.2
ALT/AZ=45.0 85.2
fwAVG=2.06
sdW=857.1
fwW=2.04
sdS=518.5
fwS=2.02
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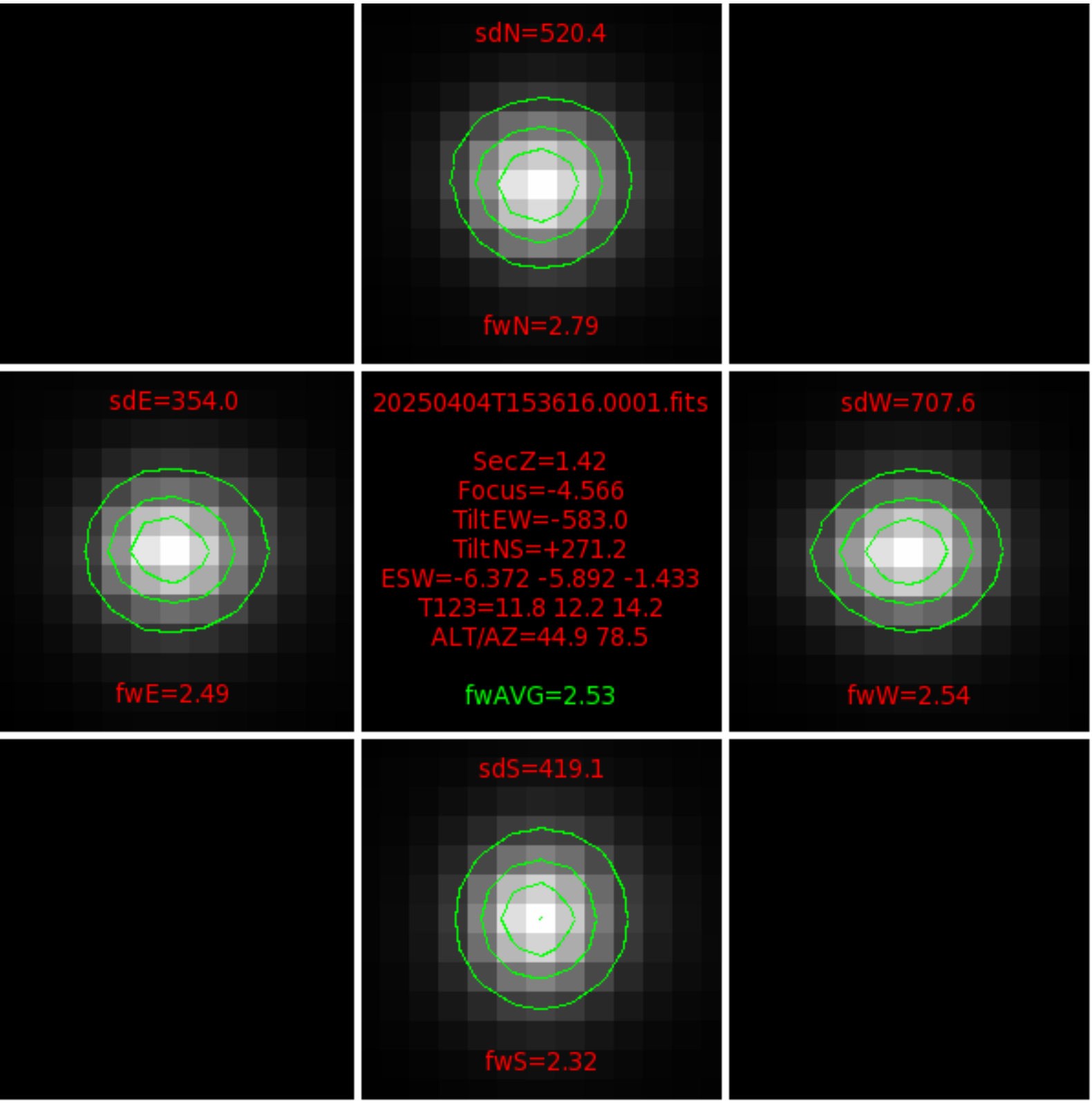
sdN=520.4
fwN=2.79
sdE=354.0
fwE=2.49
20250404T153616.0001.fits
SecZ=1.42
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.8 12.2 14.2
ALT/AZ=44.9 78.5
fwAVG=2.53
sdW=707.6
fwW=2.54
sdS=419.1
fwS=2.32
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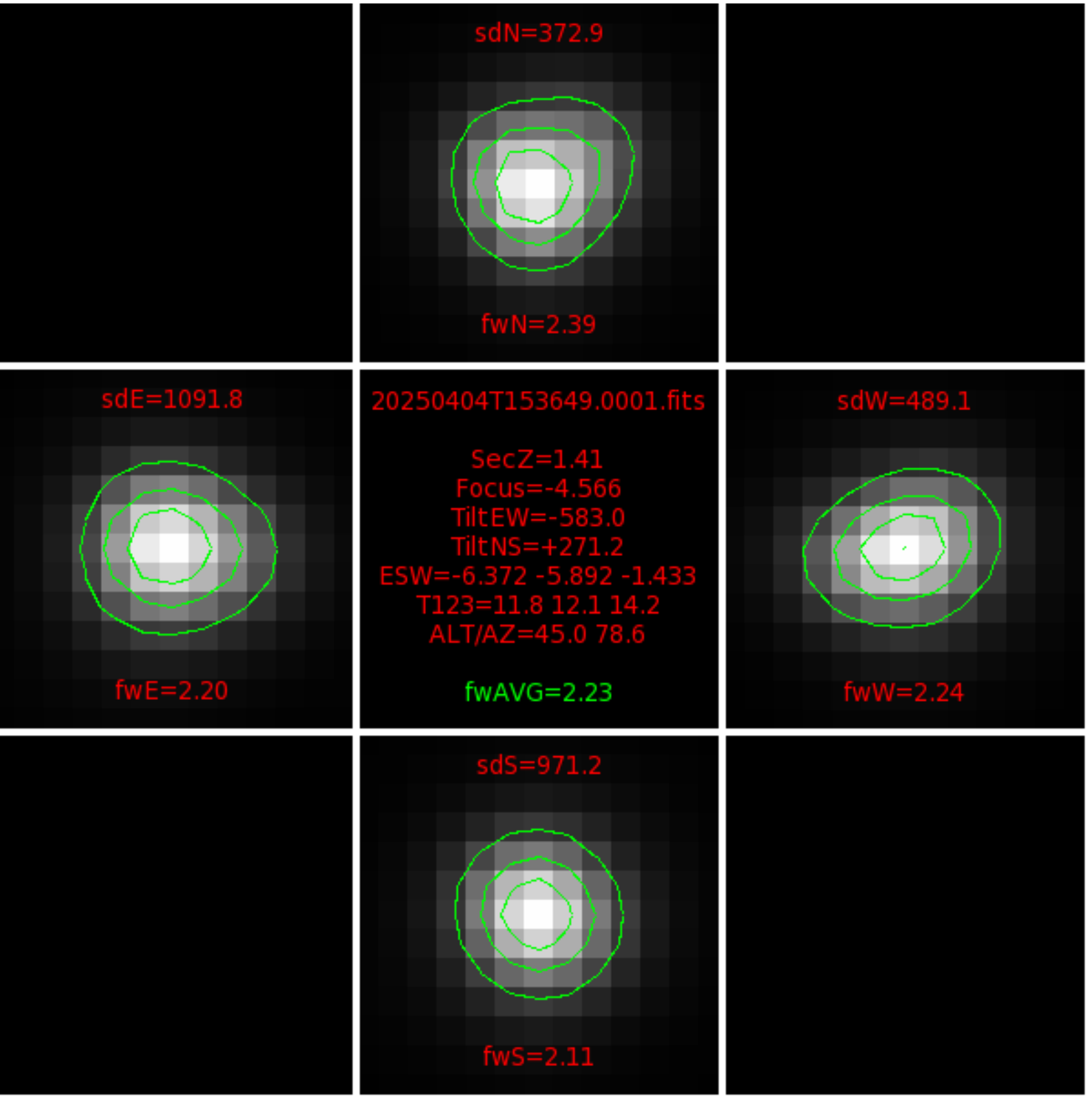
sdN=372.9
fwN=2.39
sdE=1091.8
fwE=2.20
20250404T153649.0001.fits
SecZ=1.41
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.8 12.1 14.2
ALT/AZ=45.0 78.6
fwAVG=2.23
sdW=489.1
fwW=2.24
sdS=971.2
fwS=2.11
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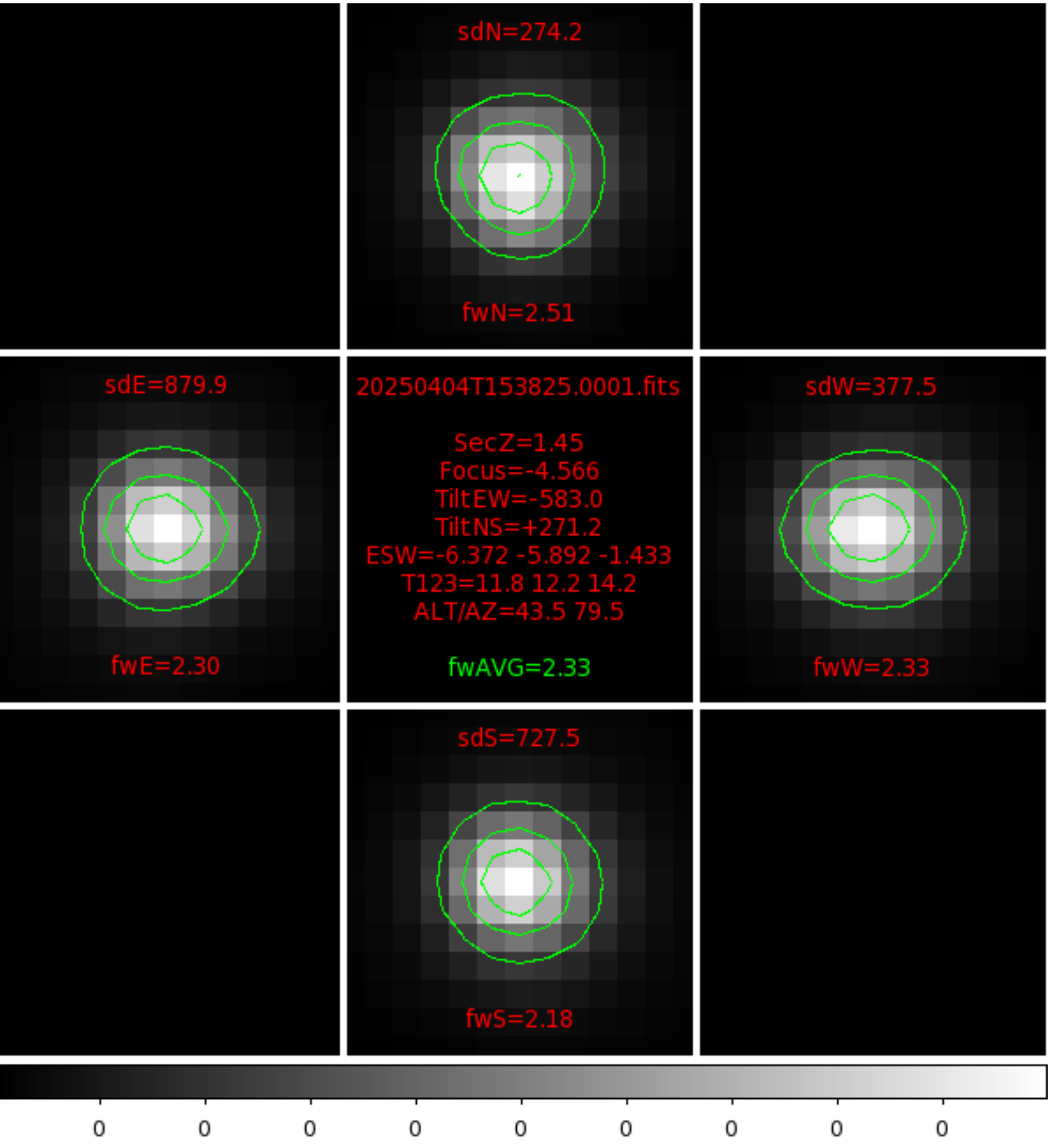
sdN=274.2
fwN=2.51
sdE=879.9
fwE=2.30
20250404T153825.0001.fits
SecZ=1.45
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.8 12.2 14.2
ALT/AZ=43.5 79.5
fwAVG=2.33
sdW=377.5
fwW=2.33
sdS=727.5
fwS=2.18
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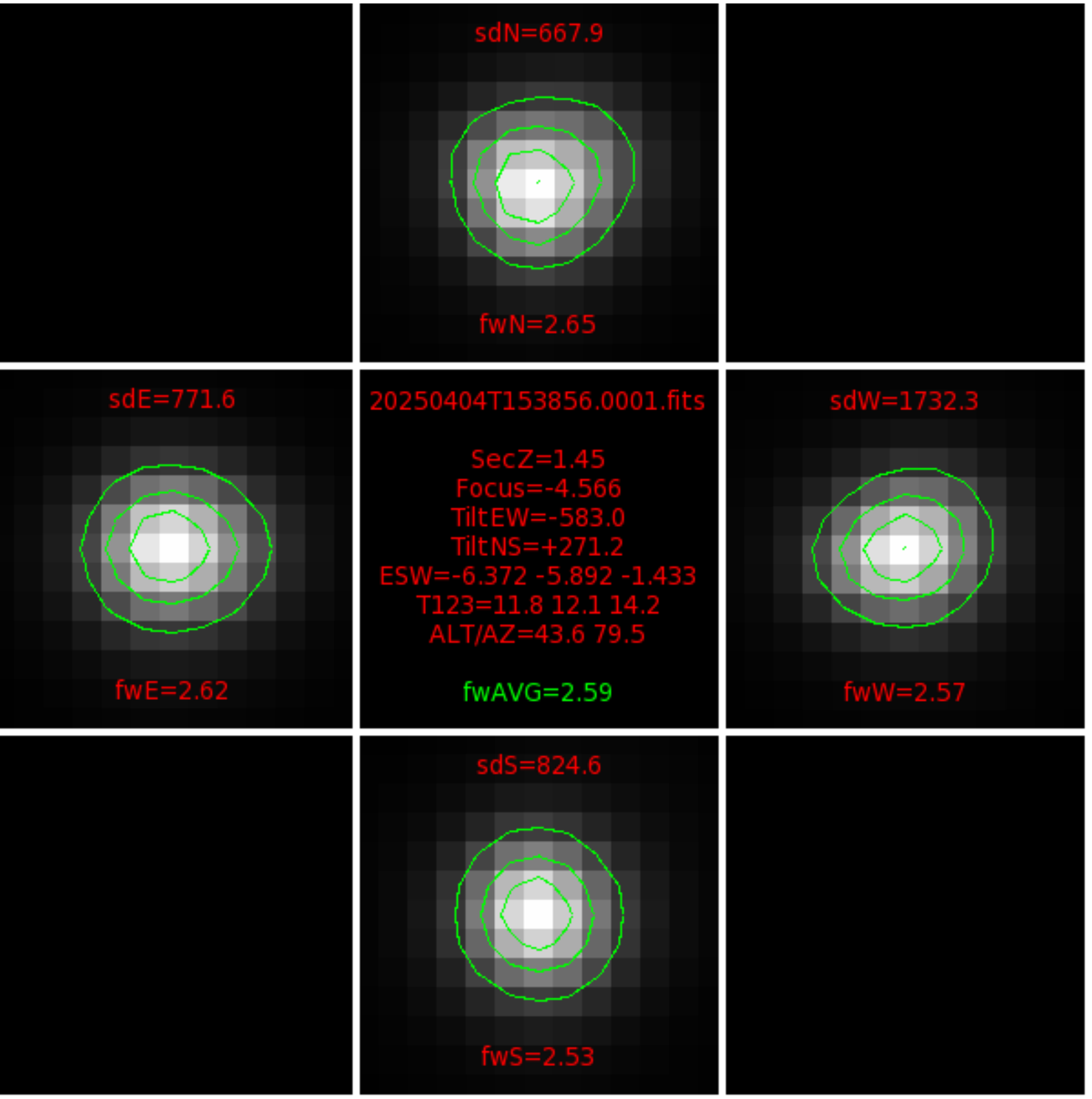
sdN=667.9
fwN=2.65
sdE=771.6
fwE=2.62
20250404T153856.0001.fits
SecZ=1.45
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.8 12.1 14.2
ALT/AZ=43.6 79.5
fwAVG=2.59
sdW=1732.3
fwW=2.57
sdS=824.6
fwS=2.53
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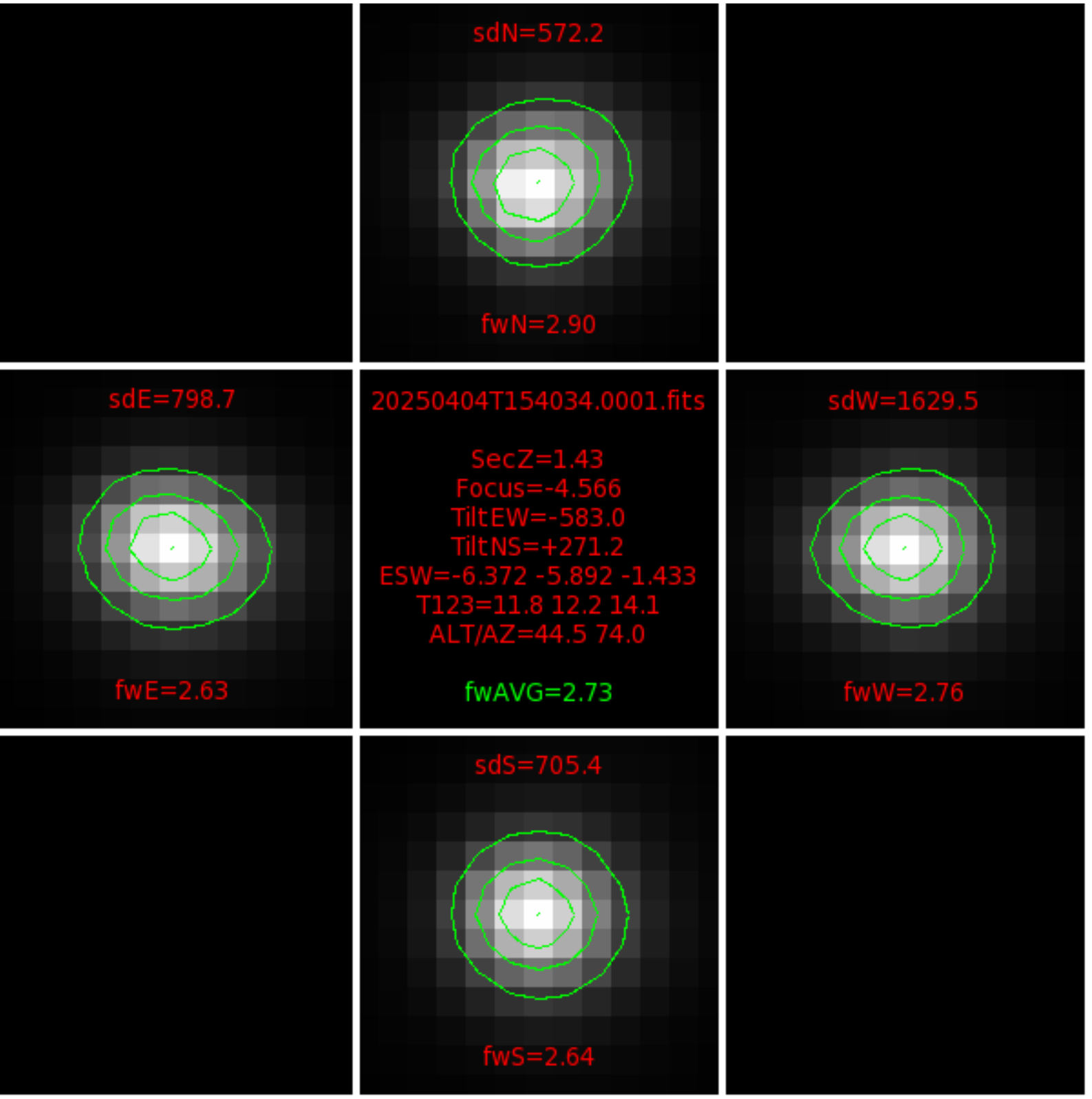
sdN=572.2
fwN=2.90
sdE=798.7
fwE=2.63
20250404T154034.0001.fits
SecZ=1.43
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.8 12.2 14.1
ALT/AZ=44.5 74.0
fwAVG=2.73
sdW=1629.5
fwW=2.76
sdS=705.4
fwS=2.64
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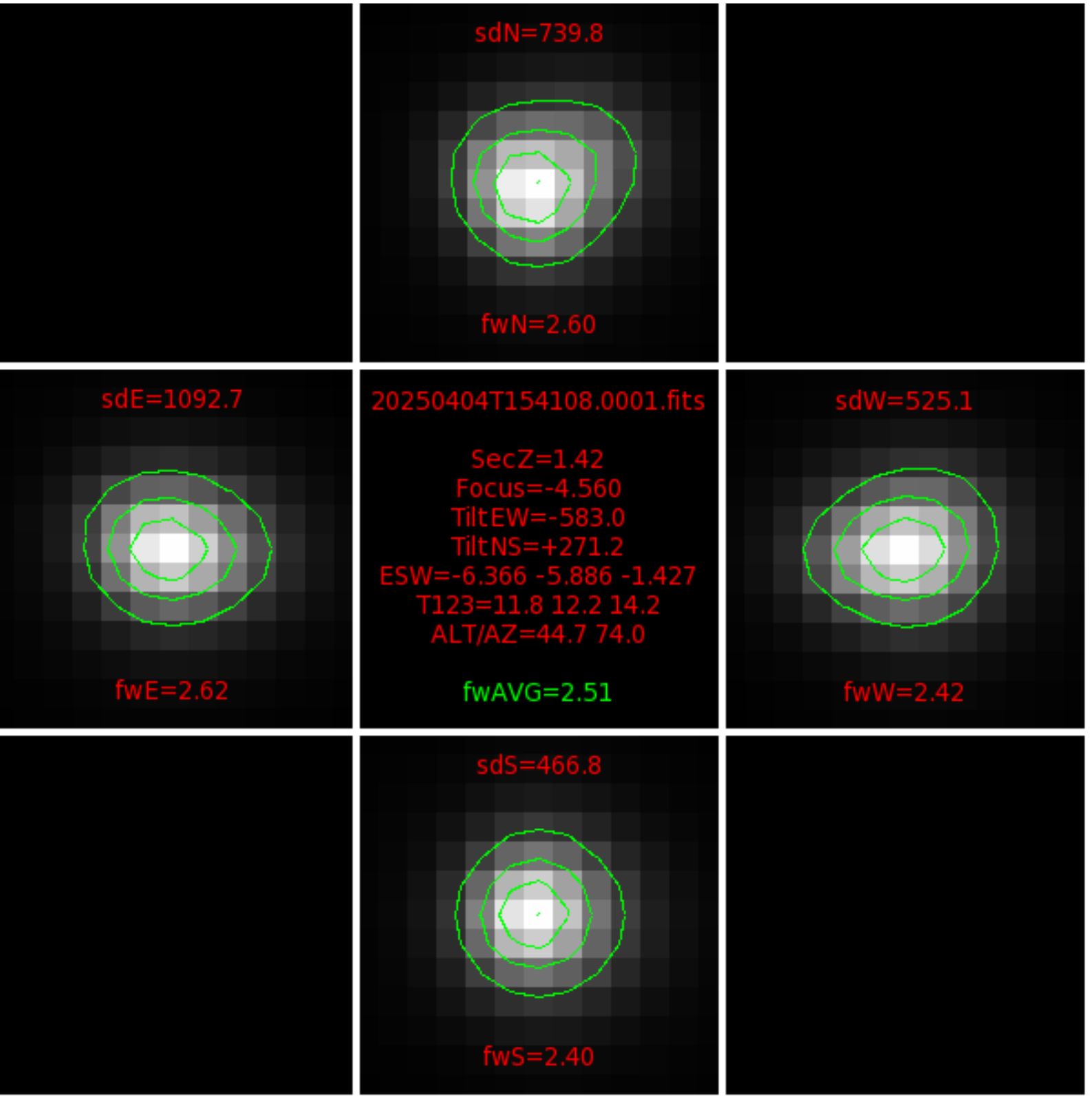
sdN=739.8
fwN=2.60
sdE=1092.7
fwE=2.62
20250404T154108.0001.fits
SecZ=1.42
Focus=-4.560
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.366 -5.886 -1.427
T123=11.8 12.2 14.2
ALT/AZ=44.7 74.0
fwAVG=2.51
sdW=525.1
fwW=2.42
sdS=466.8
fwS=2.40
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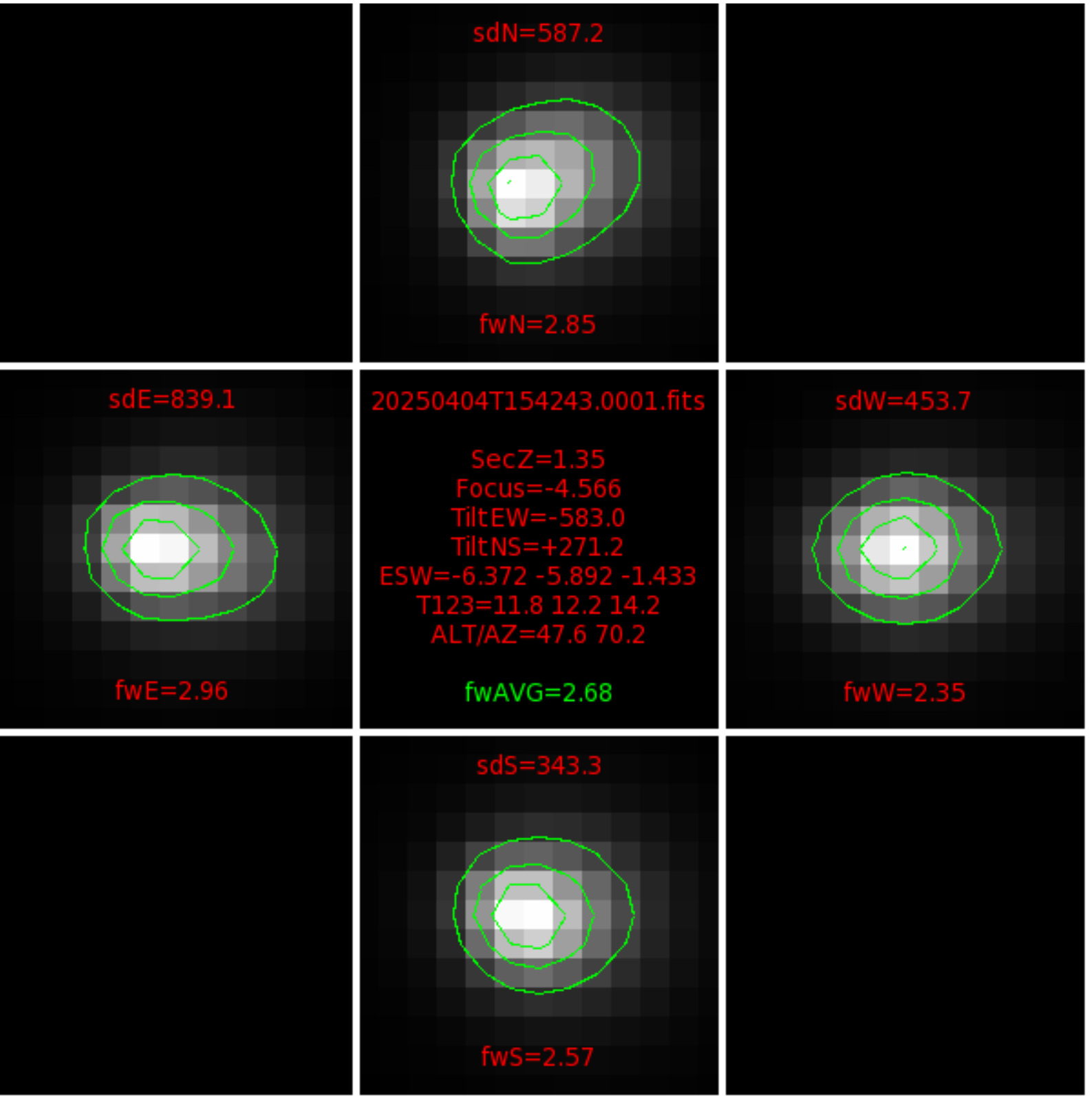
sdN=587.2
fwN=2.85
sdE=839.1
fwE=2.96
20250404T154243.0001.fits
SecZ=1.35
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.8 12.2 14.2
ALT/AZ=47.6 70.2
fwAVG=2.68
sdW=453.7
fwW=2.35
sdS=343.3
fwS=2.57
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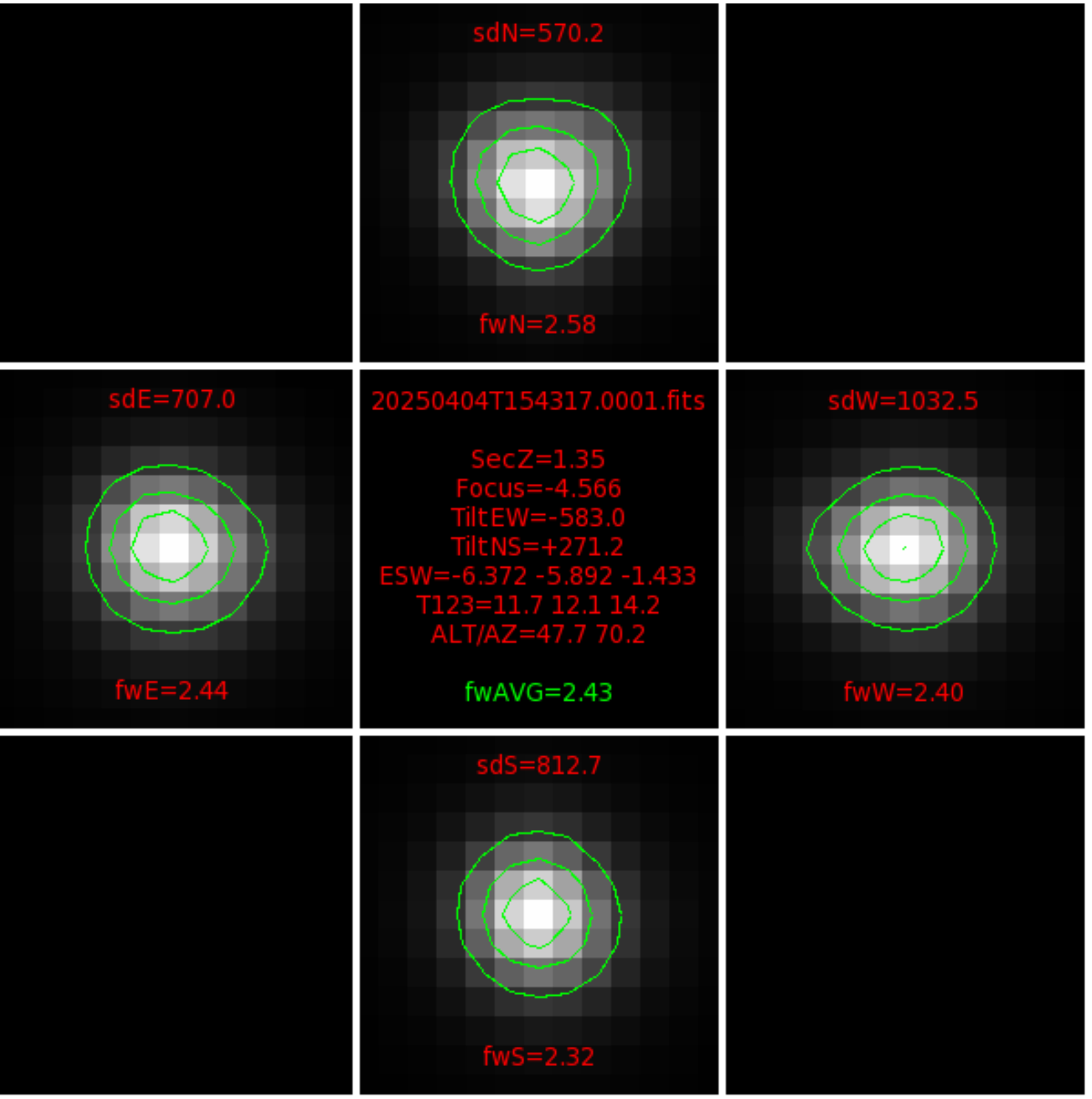
sdN=570.2
fwN=2.58
sdE=707.0
fwE=2.44
20250404T154317.0001.fits
SecZ=1.35
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.7 12.1 14.2
ALT/AZ=47.7 70.2
fwAVG=2.43
sdW=1032.5
fwW=2.40
sdS=812.7
fwS=2.32
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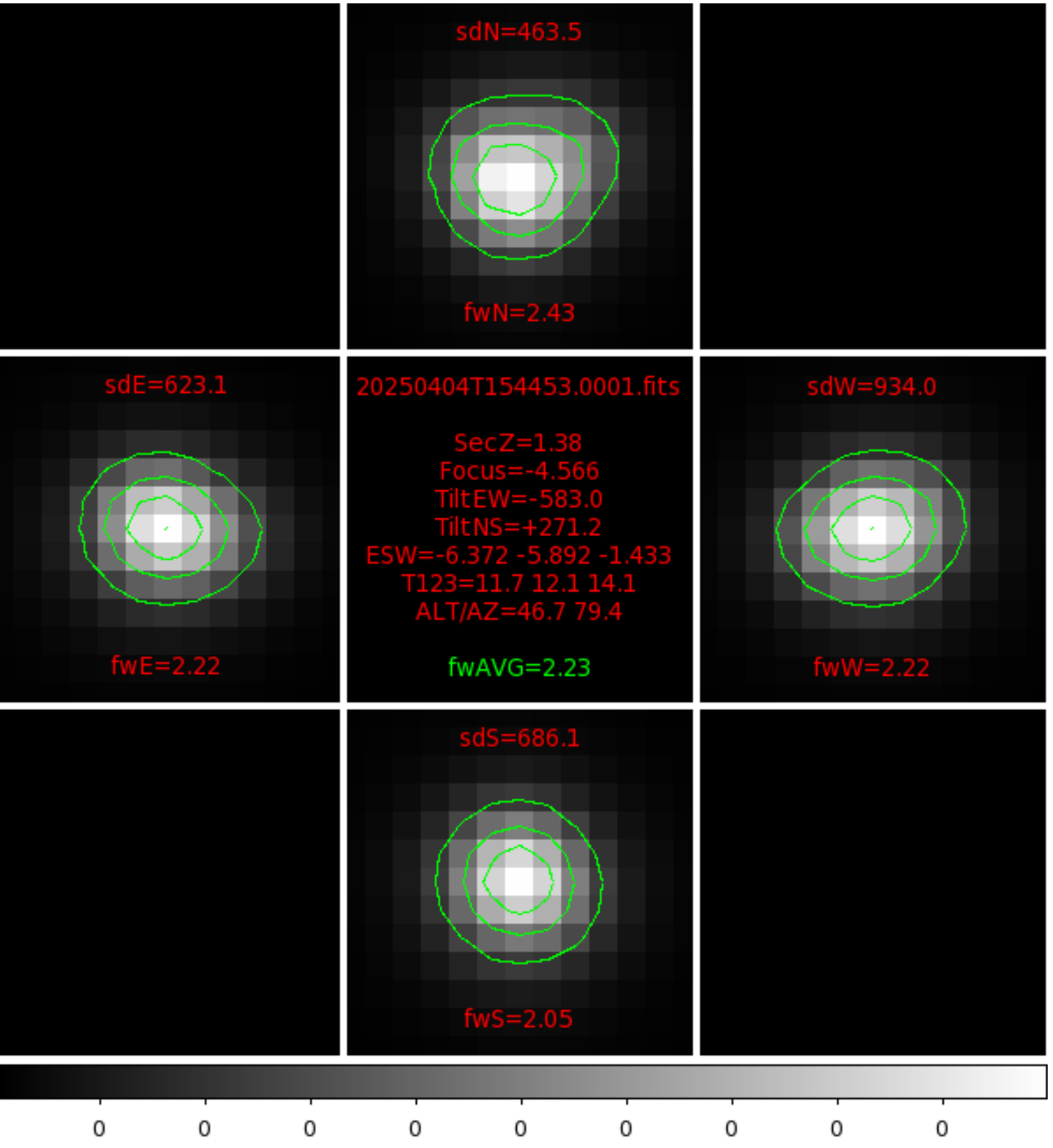
sdN=463.5
fwN=2.43
sdE=623.1
fwE=2.22
20250404T154453.0001.fits
SecZ=1.38
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.7 12.1 14.1
ALT/AZ=46.7 79.4
fwAVG=2.23
sdW=934.0
fwW=2.22
sdS=686.1
fwS=2.05
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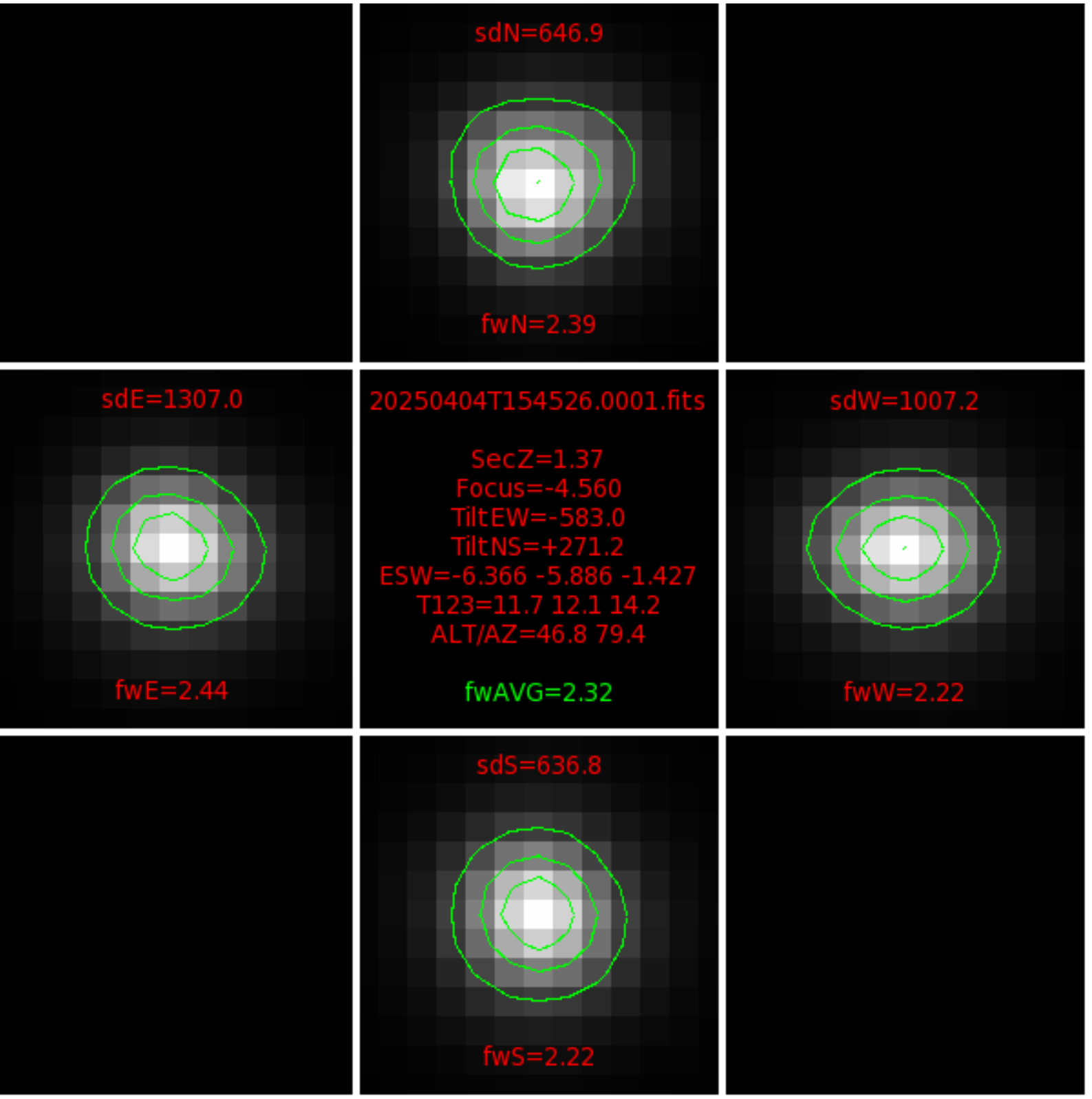
sdN=646.9
fwN=2.39
sdE=1307.0
fwE=2.44
20250404T154526.0001.fits
SecZ=1.37
Focus=-4.560
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.366 -5.886 -1.427
T123=11.7 12.1 14.2
ALT/AZ=46.8 79.4
fwAVG=2.32
sdW=1007.2
fwW=2.22
sdS=636.8
fwS=2.22
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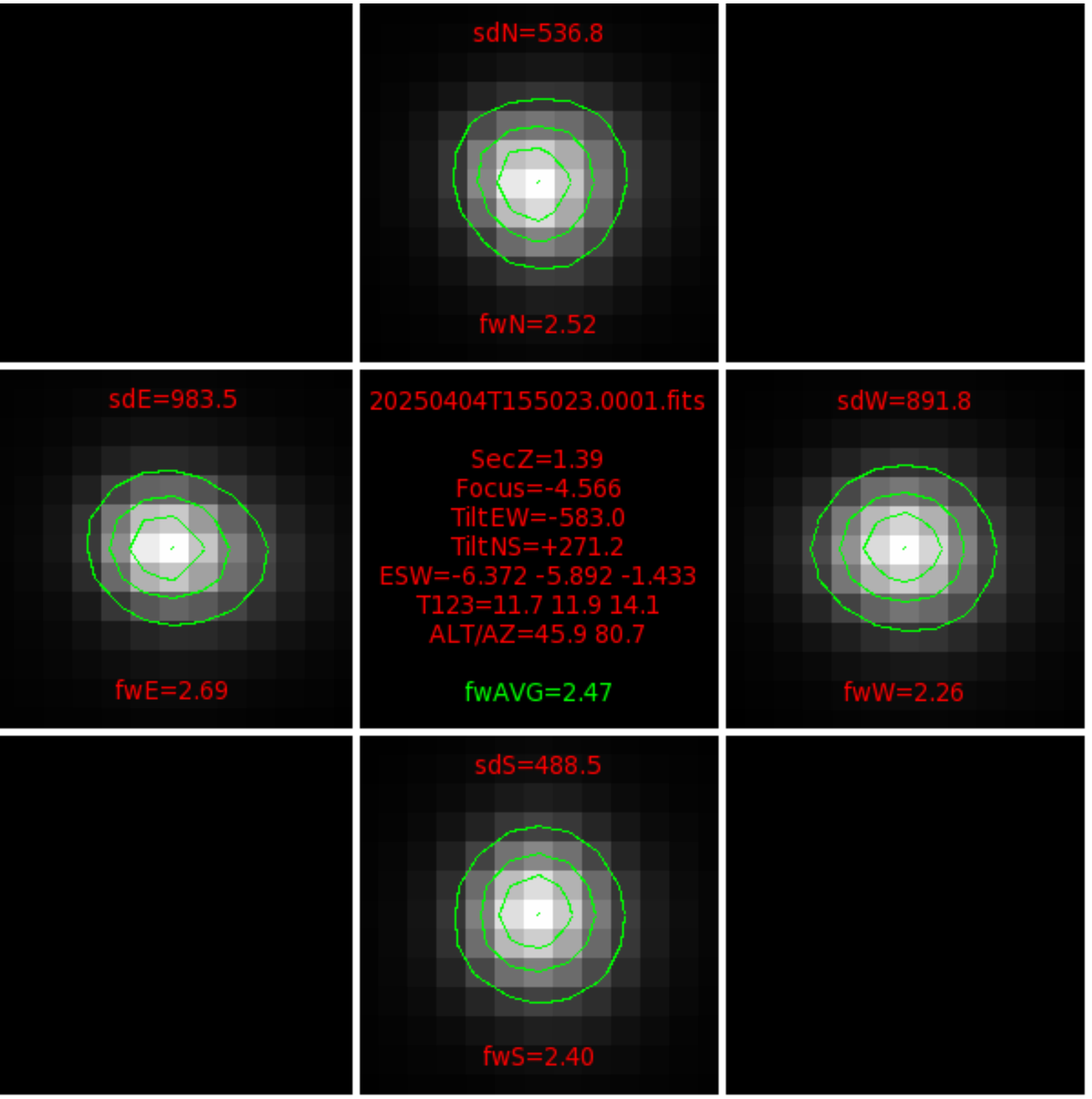
sdN=536.8
fwN=2.52
sdE=983.5
fwE=2.69
20250404T155023.0001.fits
SecZ=1.39
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.7 11.9 14.1
ALT/AZ=45.9 80.7
fwAVG=2.47
sdW=891.8
fwW=2.26
sdS=488.5
fwS=2.40
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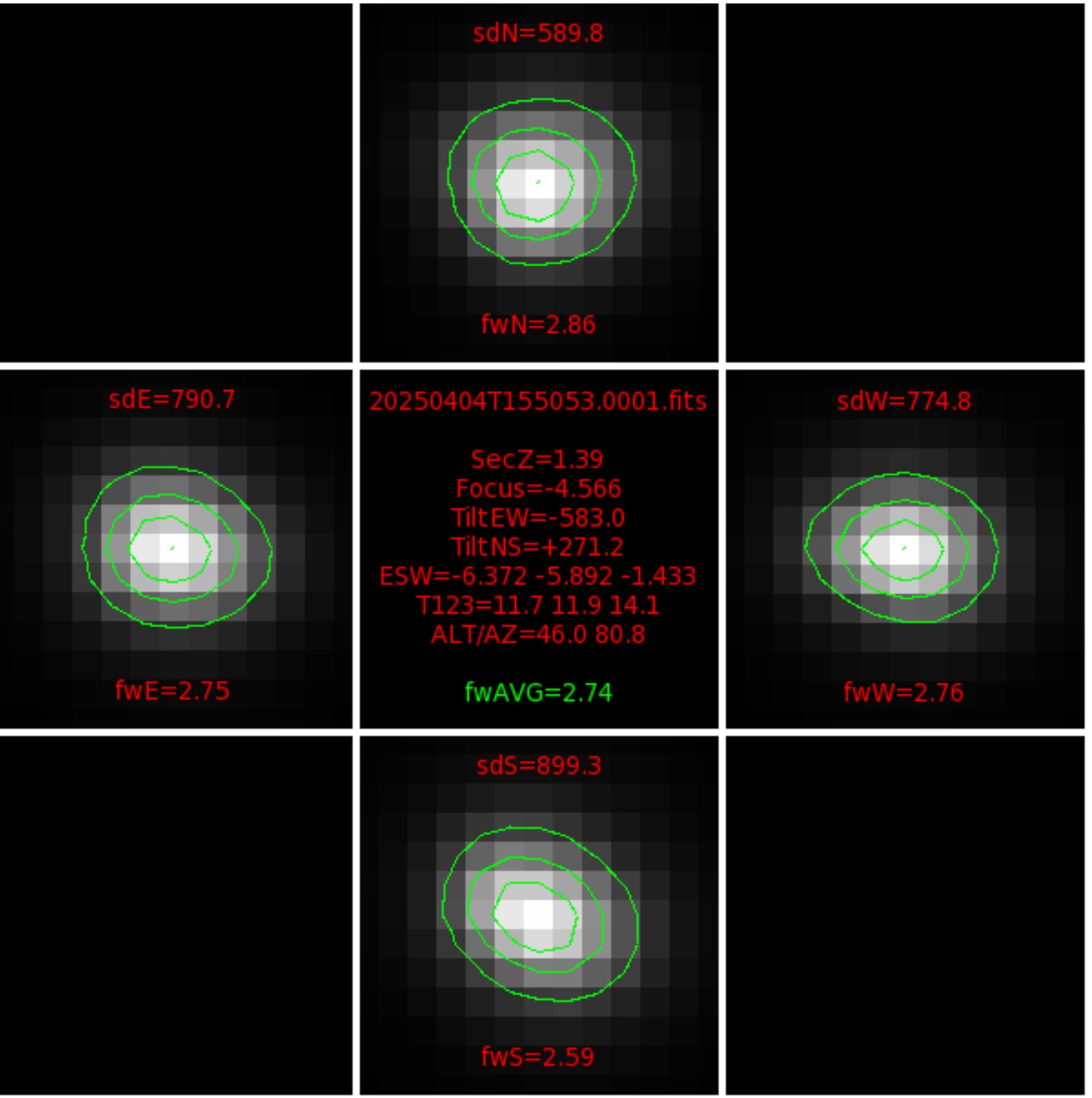
sdN=589.8
fwN=2.86
sdE=790.7
fwE=2.75
20250404T155053.0001.fits
SecZ=1.39
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.7 11.9 14.1
ALT/AZ=46.0 80.8
fwAVG=2.74
sdW=774.8
fwW=2.76
sdS=899.3
fwS=2.59
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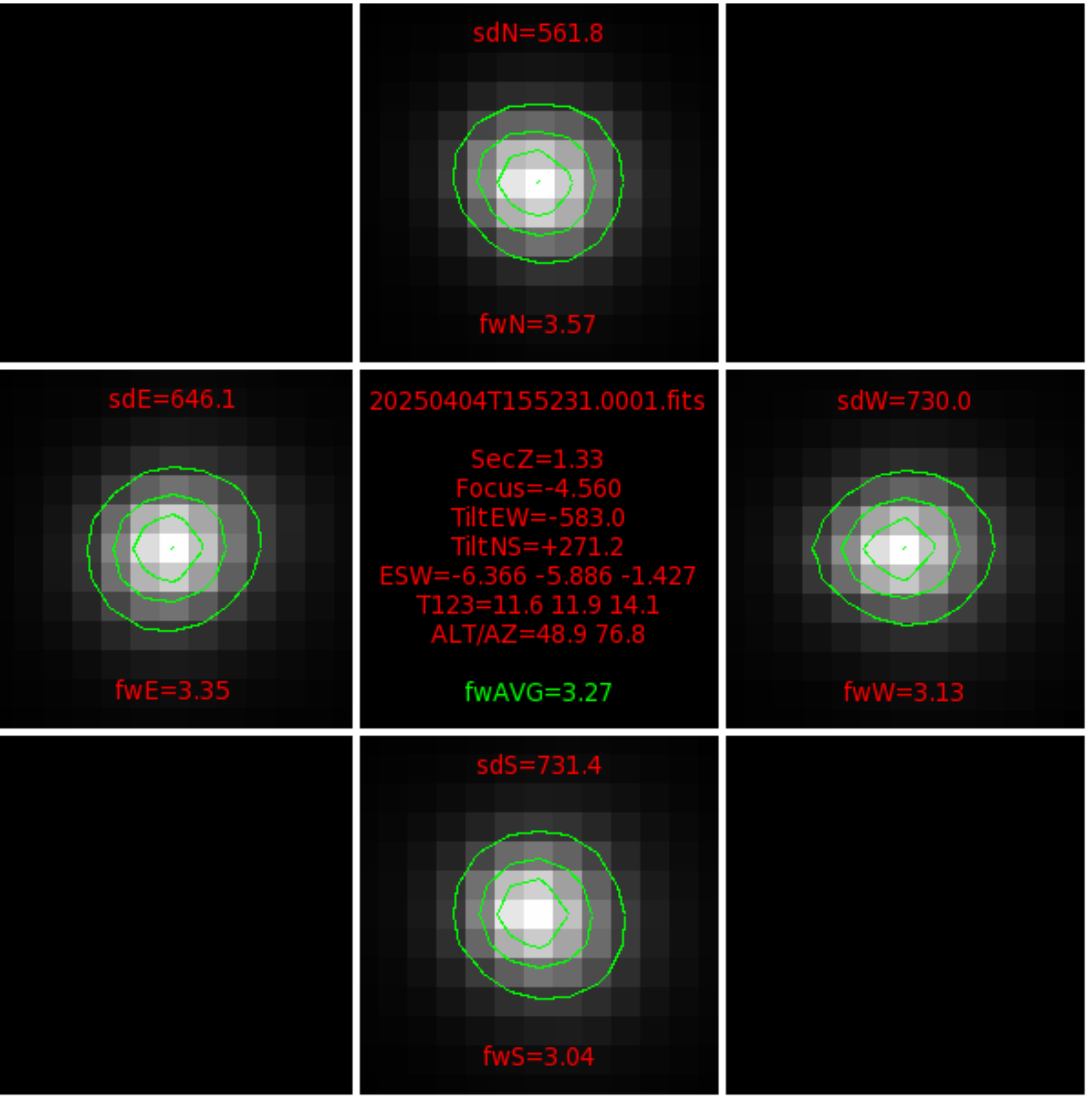
sdN=561.8
fwN=3.57
sdE=646.1
fwE=3.35
20250404T155231.0001.fits
SecZ=1.33
Focus=-4.560
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.366 -5.886 -1.427
T123=11.6 11.9 14.1
ALT/AZ=48.9 76.8
fwAVG=3.27
sdW=730.0
fwW=3.13
sdS=731.4
fwS=3.04
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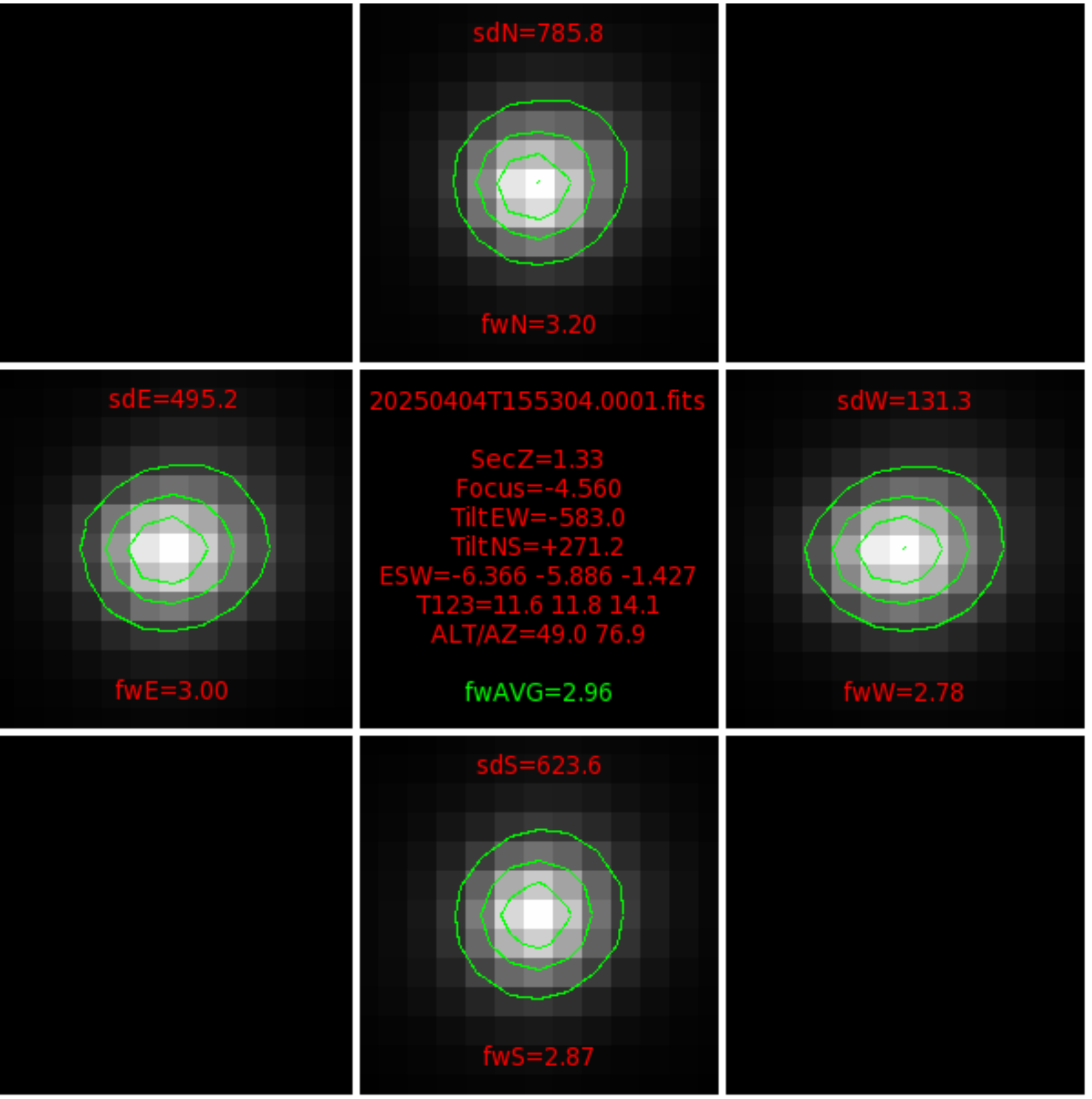
sdN=785.8
fwN=3.20
sdE=495.2
fwE=3.00
20250404T155304.0001.fits
SecZ=1.33
Focus=-4.560
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.366 -5.886 -1.427
T123=11.6 11.8 14.1
ALT/AZ=49.0 76.9
fwAVG=2.96
sdW=131.3
fwW=2.78
sdS=623.6
fwS=2.87
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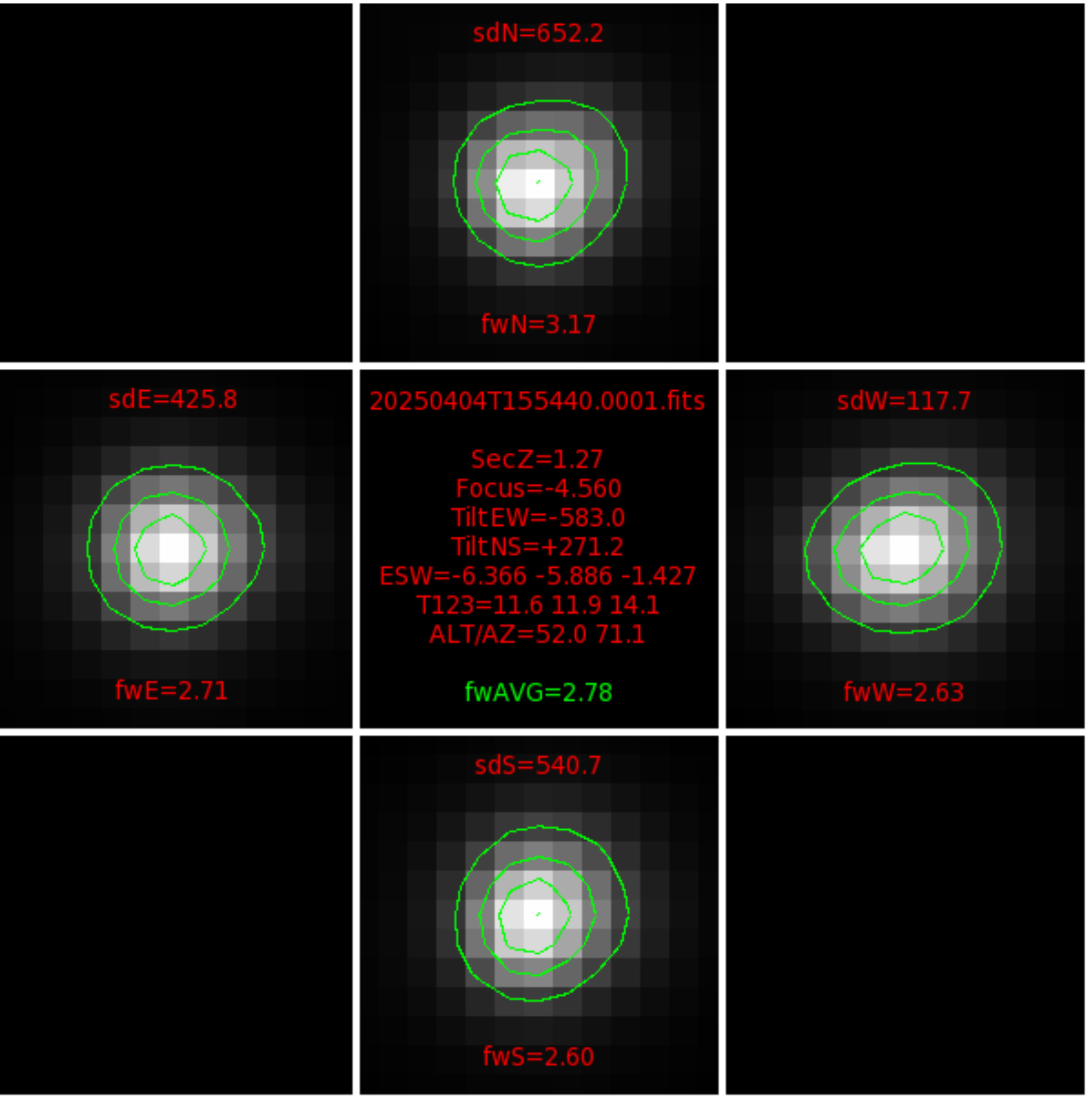
sdN=652.2
fwN=3.17
sdE=425.8
fwE=2.71
20250404T155440.0001.fits
SecZ=1.27
Focus=-4.560
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.366 -5.886 -1.427
T123=11.6 11.9 14.1
ALT/AZ=52.0 71.1
fwAVG=2.78
sdW=117.7
fwW=2.63
sdS=540.7
fwS=2.60
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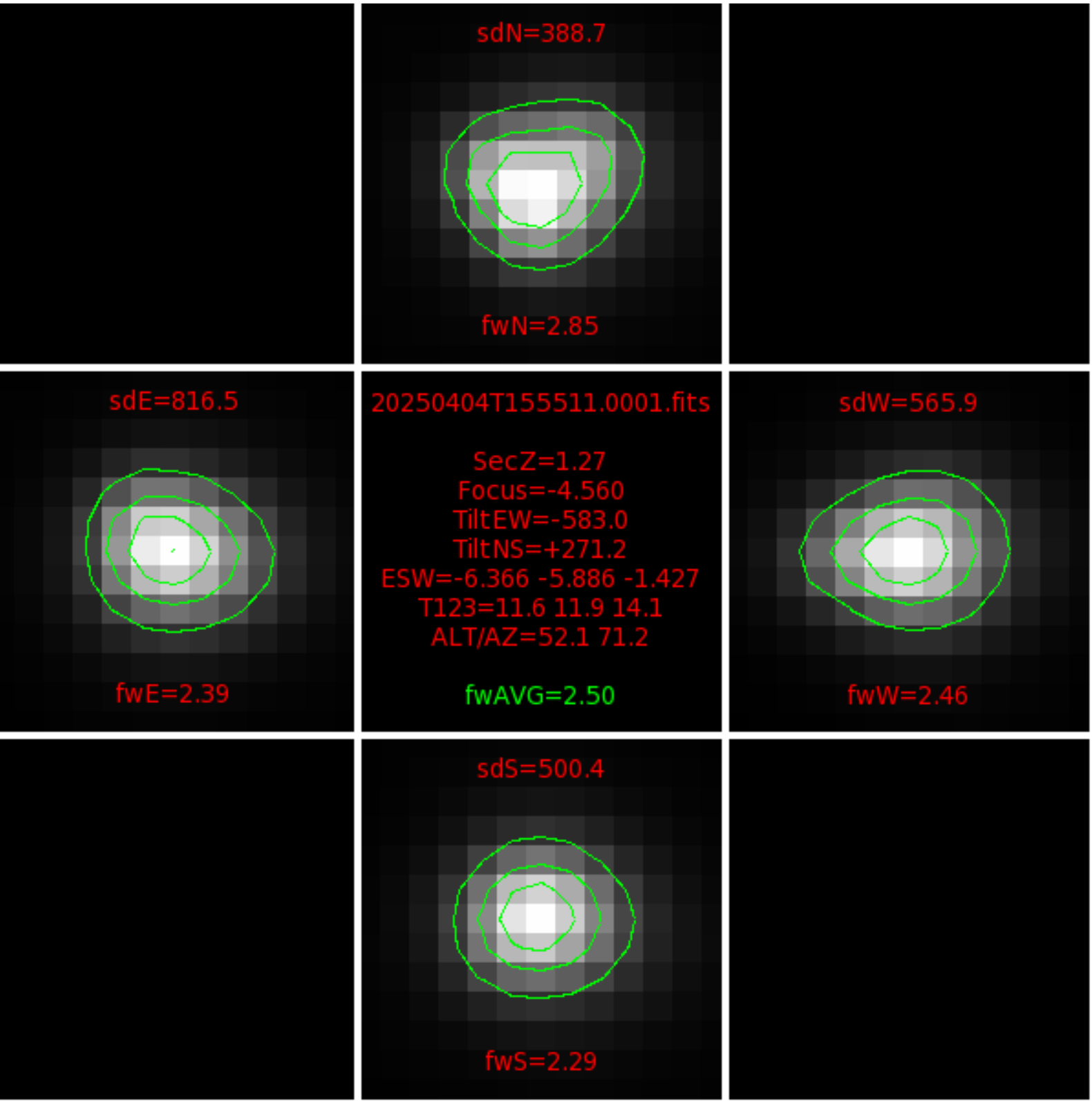
sdN=388.7
fwN=2.85
sdE=816.5
fwE=2.39
20250404T155511.0001.fits
SecZ=1.27
Focus=-4.560
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.366 -5.886 -1.427
T123=11.6 11.9 14.1
ALT/AZ=52.1 71.2
fwAVG=2.50
sdW=565.9
fwW=2.46
sdS=500.4
fwS=2.29
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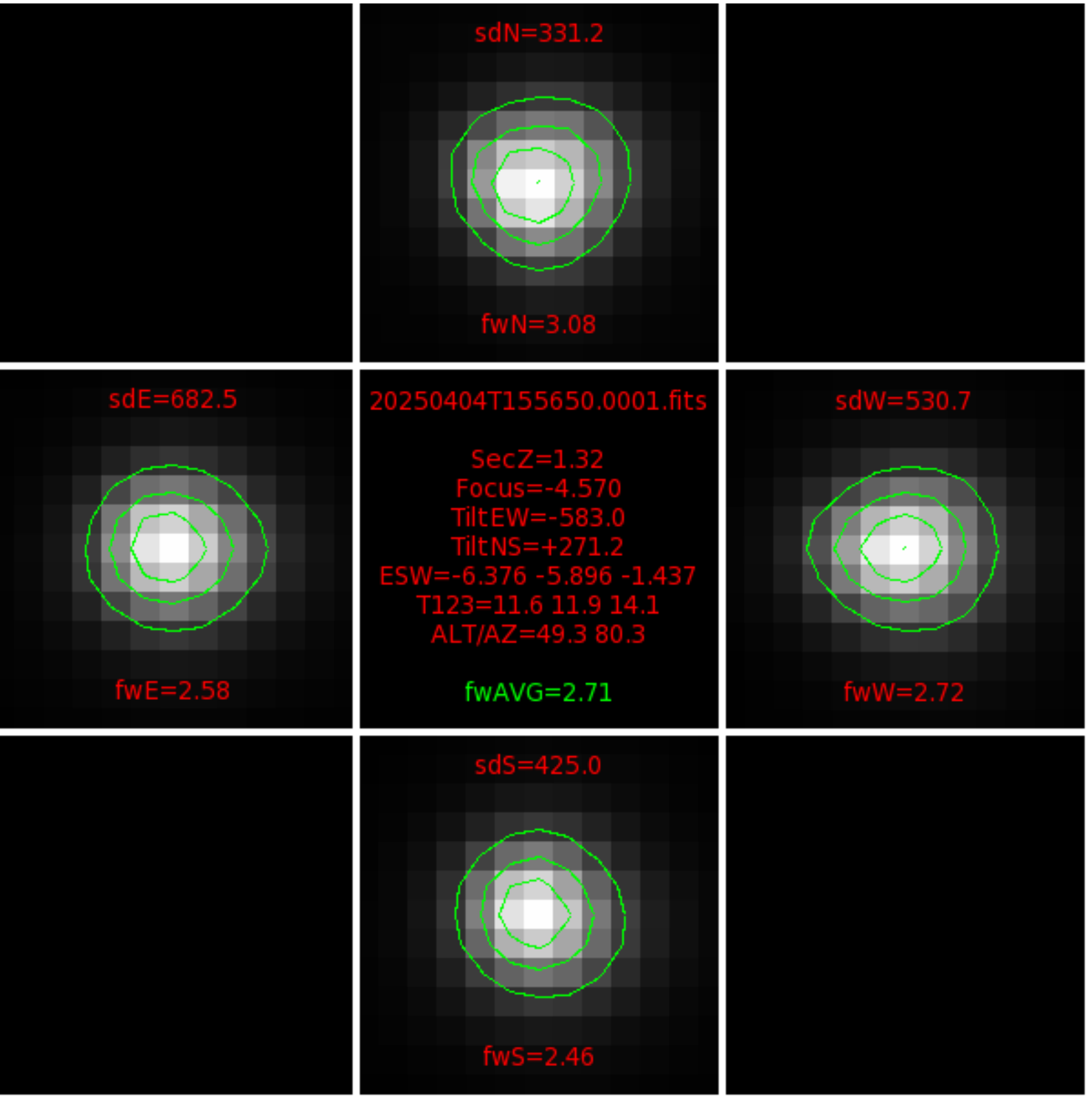
sdN=331.2
fwN=3.08
sdE=682.5
fwE=2.58
20250404T155650.0001.fits
SecZ=1.32
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.6 11.9 14.1
ALT/AZ=49.3 80.3
fwAVG=2.71
sdW=530.7
fwW=2.72
sdS=425.0
fwS=2.46
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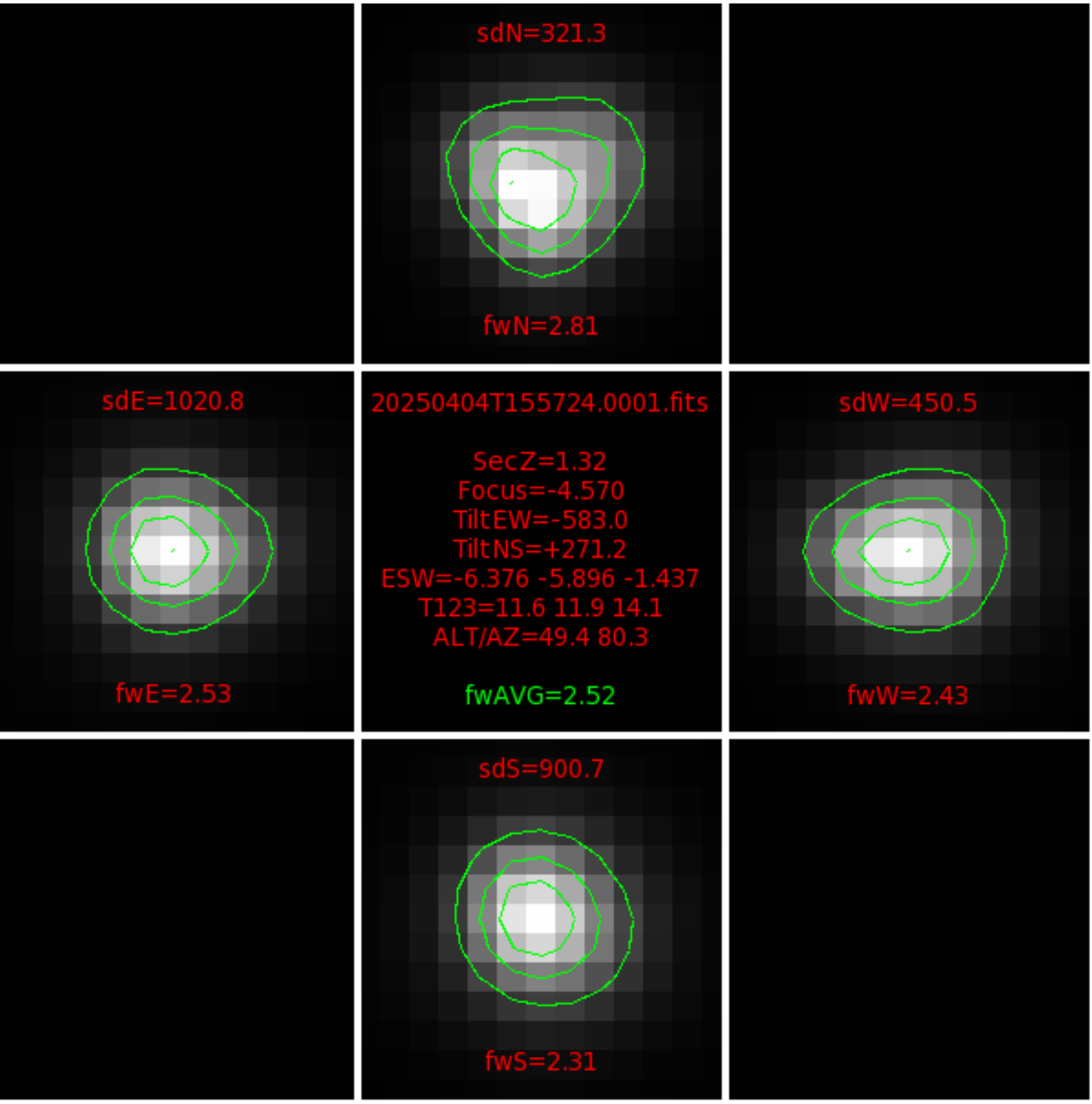
sdN=321.3
fwN=2.81
sdE=1020.8
fwE=2.53
20250404T155724.0001.fits
SecZ=1.32
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.6 11.9 14.1
ALT/AZ=49.4 80.3
fwAVG=2.52
sdW=450.5
fwW=2.43
sdS=900.7
fwS=2.31
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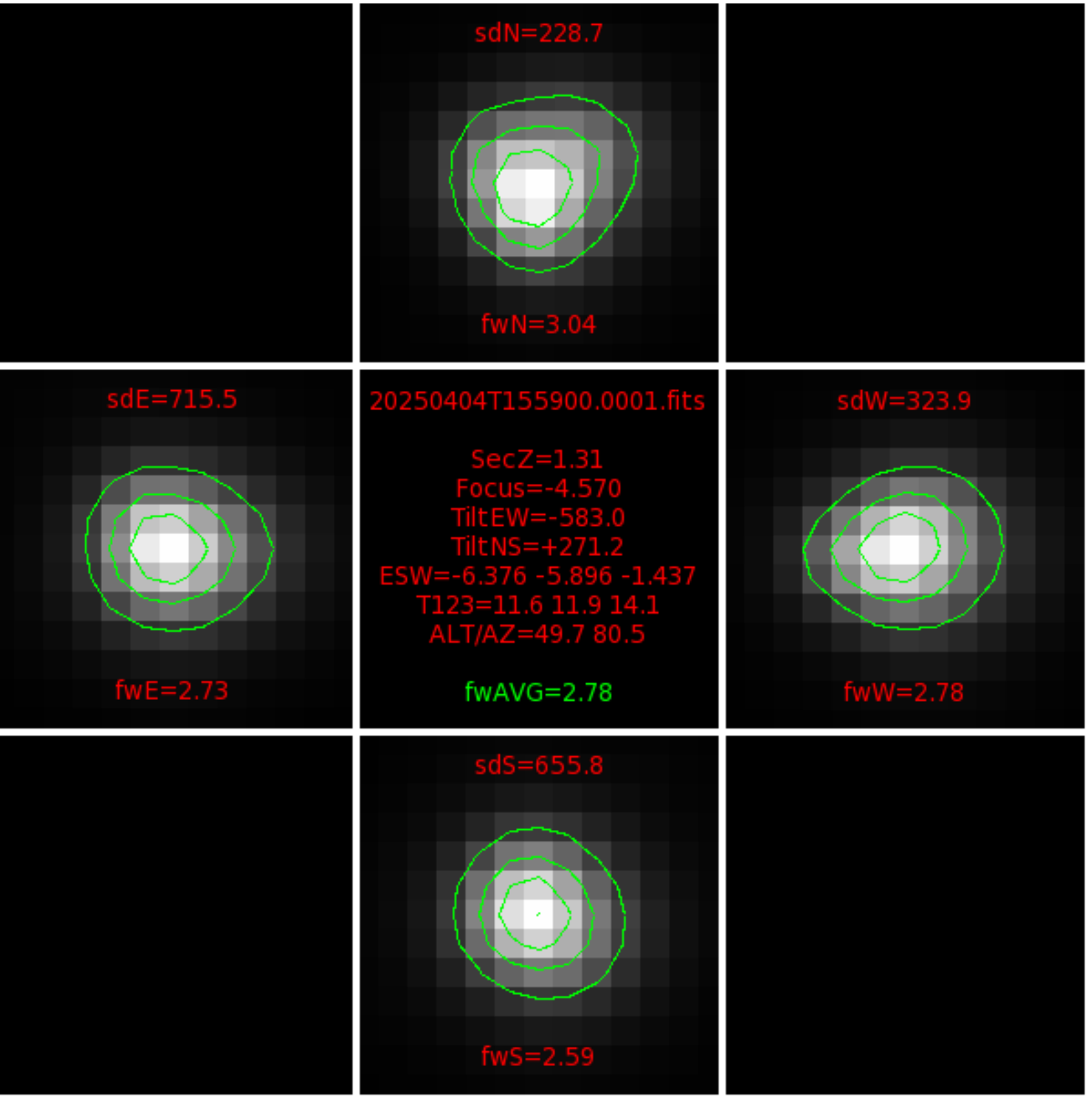
sdN=228.7
fwN=3.04
sdE=715.5
fwE=2.73
20250404T155900.0001.fits
SecZ=1.31
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.6 11.9 14.1
ALT/AZ=49.7 80.5
fwAVG=2.78
sdW=323.9
fwW=2.78
sdS=655.8
fwS=2.59
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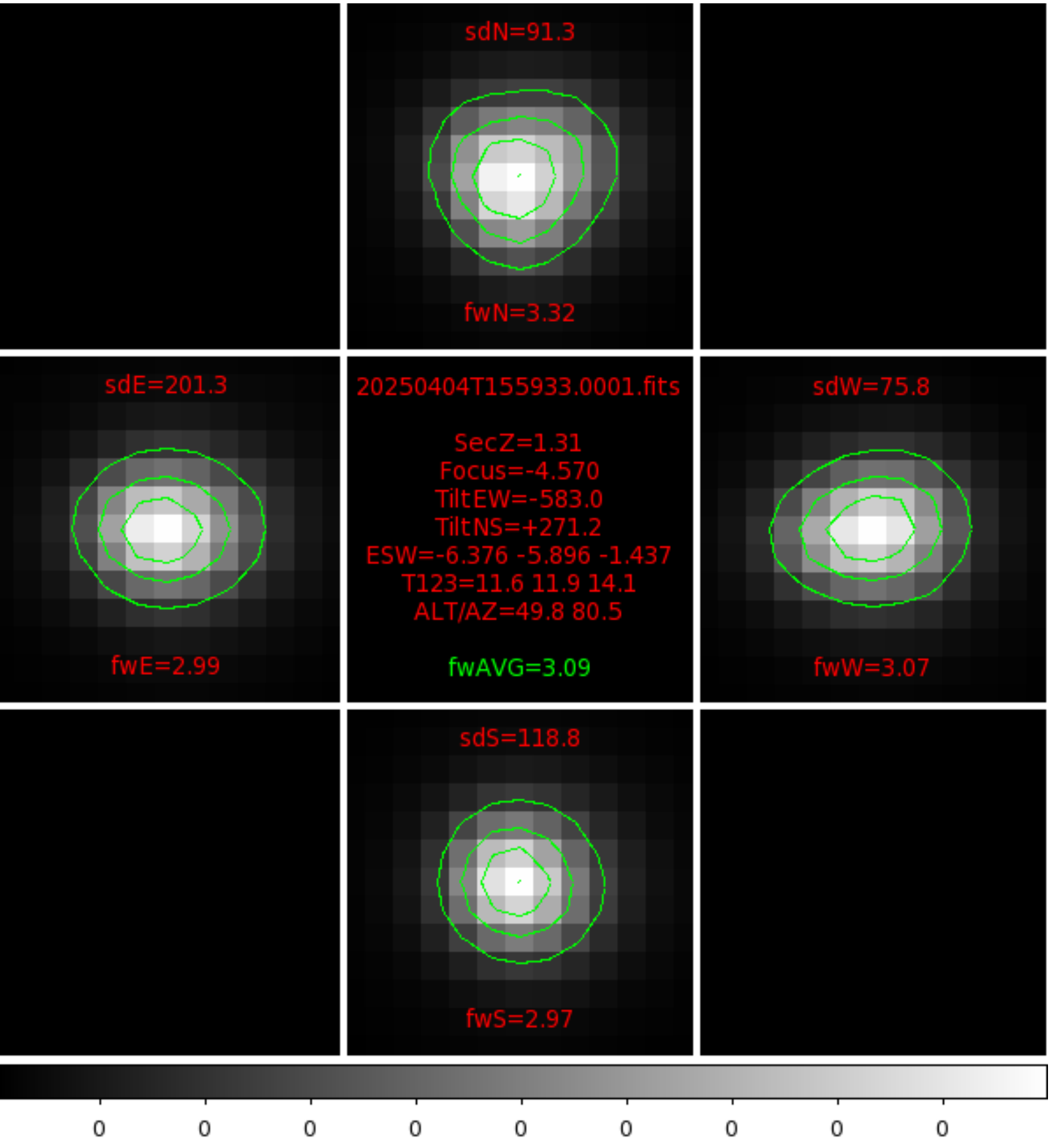
sdN=91.3
fwN=3.32
sdE=201.3
fwE=2.99
20250404T155933.0001.fits
SecZ=1.31
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.6 11.9 14.1
ALT/AZ=49.8 80.5
fwAVG=3.09
sdW=75.8
fwW=3.07
sdS=118.8
fwS=2.97
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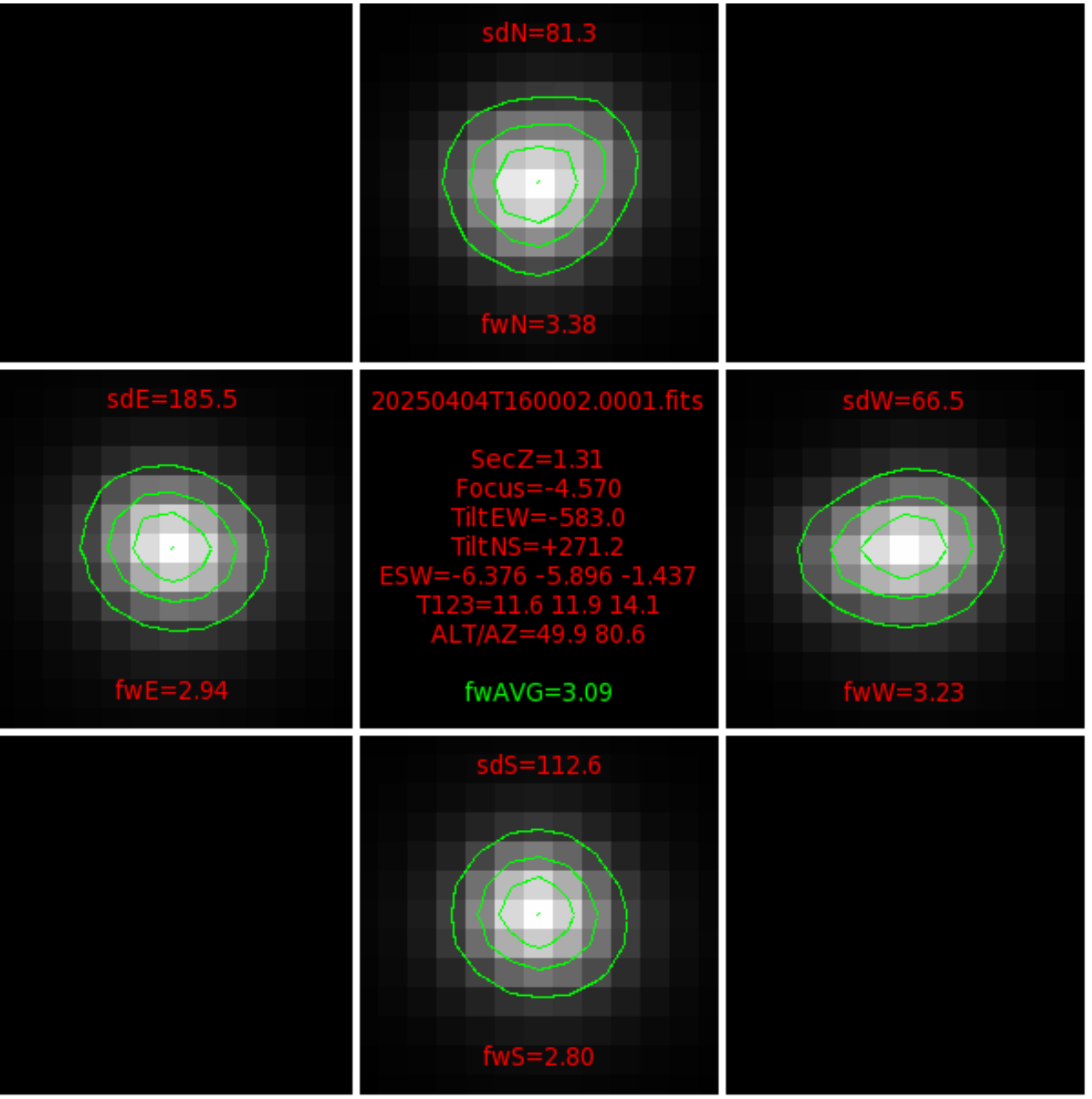
sdN=81.3
fwN=3.38
sdE=185.5
fwE=2.94
20250404T160002.0001.fits
SecZ=1.31
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.6 11.9 14.1
ALT/AZ=49.9 80.6
fwAVG=3.09
sdW=66.5
fwW=3.23
sdS=112.6
fwS=2.80
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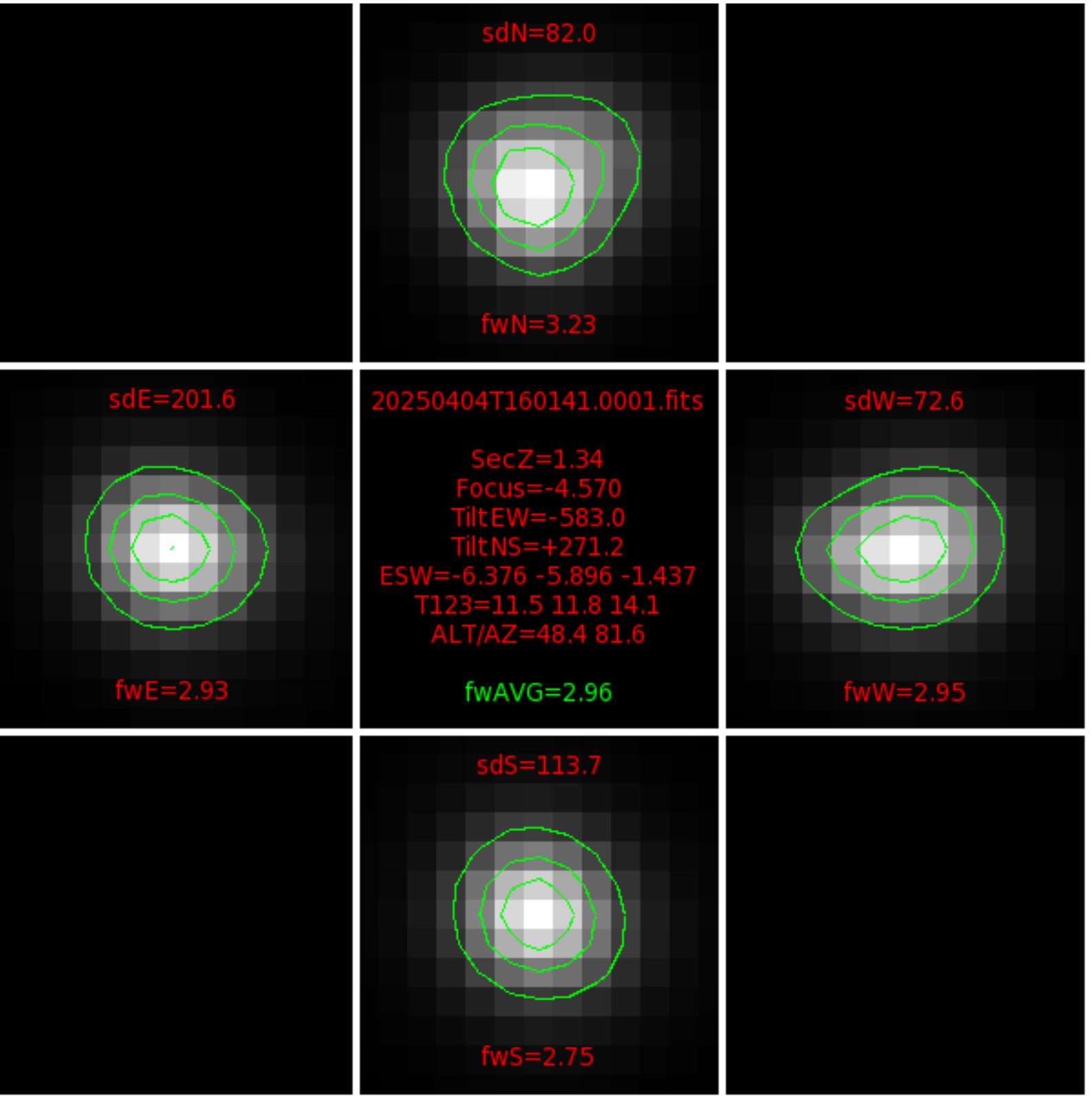
sdN=82.0
fwN=3.23
sdE=201.6
fwE=2.93
20250404T160141.0001.fits
SecZ=1.34
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.5 11.8 14.1
ALT/AZ=48.4 81.6
fwAVG=2.96
sdW=72.6
fwW=2.95
sdS=113.7
fwS=2.75
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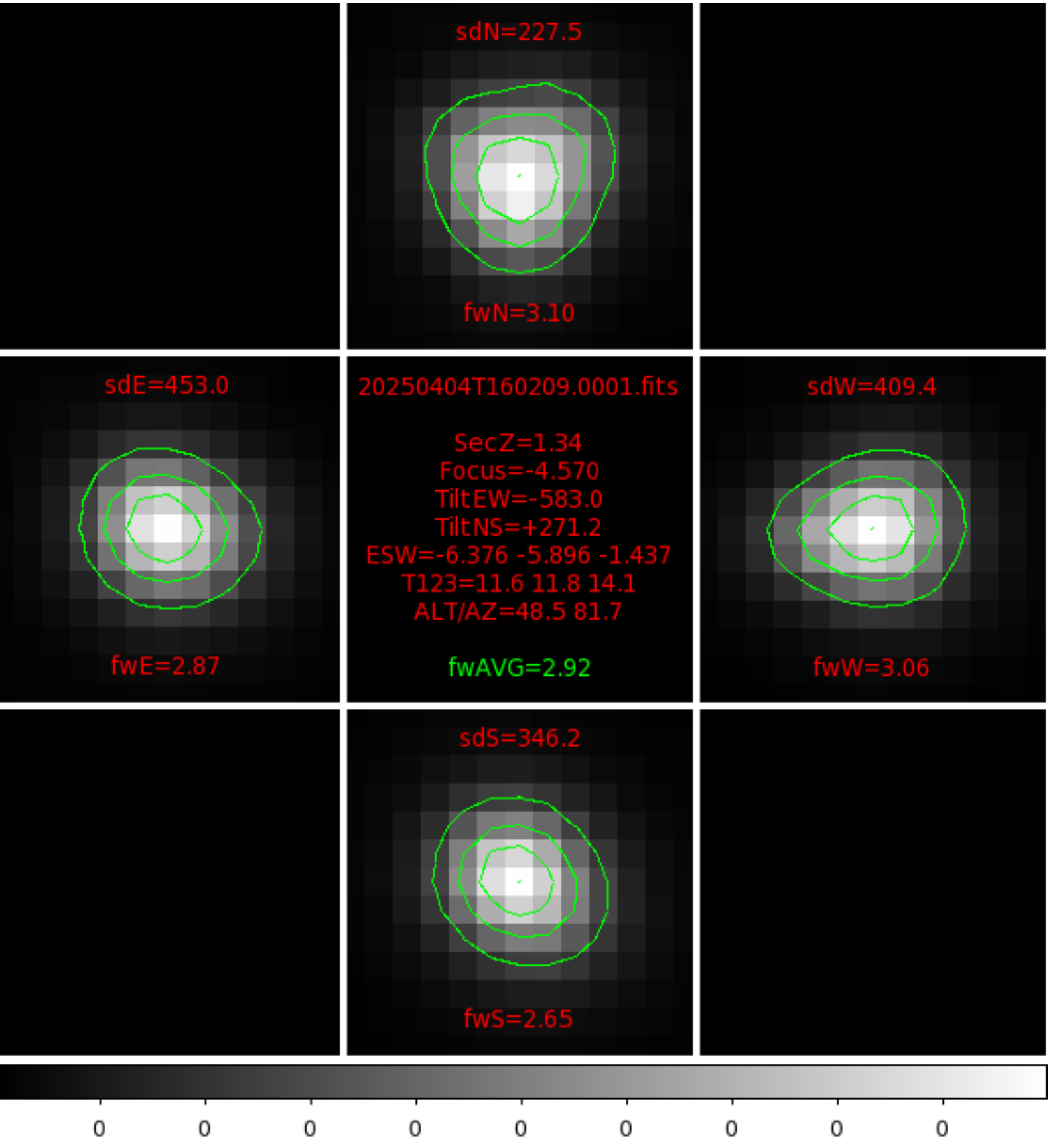
sdN=227.5
fwN=3.10
sdE=453.0
fwE=2.87
20250404T160209.0001.fits
SecZ=1.34
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.6 11.8 14.1
ALT/AZ=48.5 81.7
fwAVG=2.92
sdW=409.4
fwW=3.06
sdS=346.2
fwS=2.65
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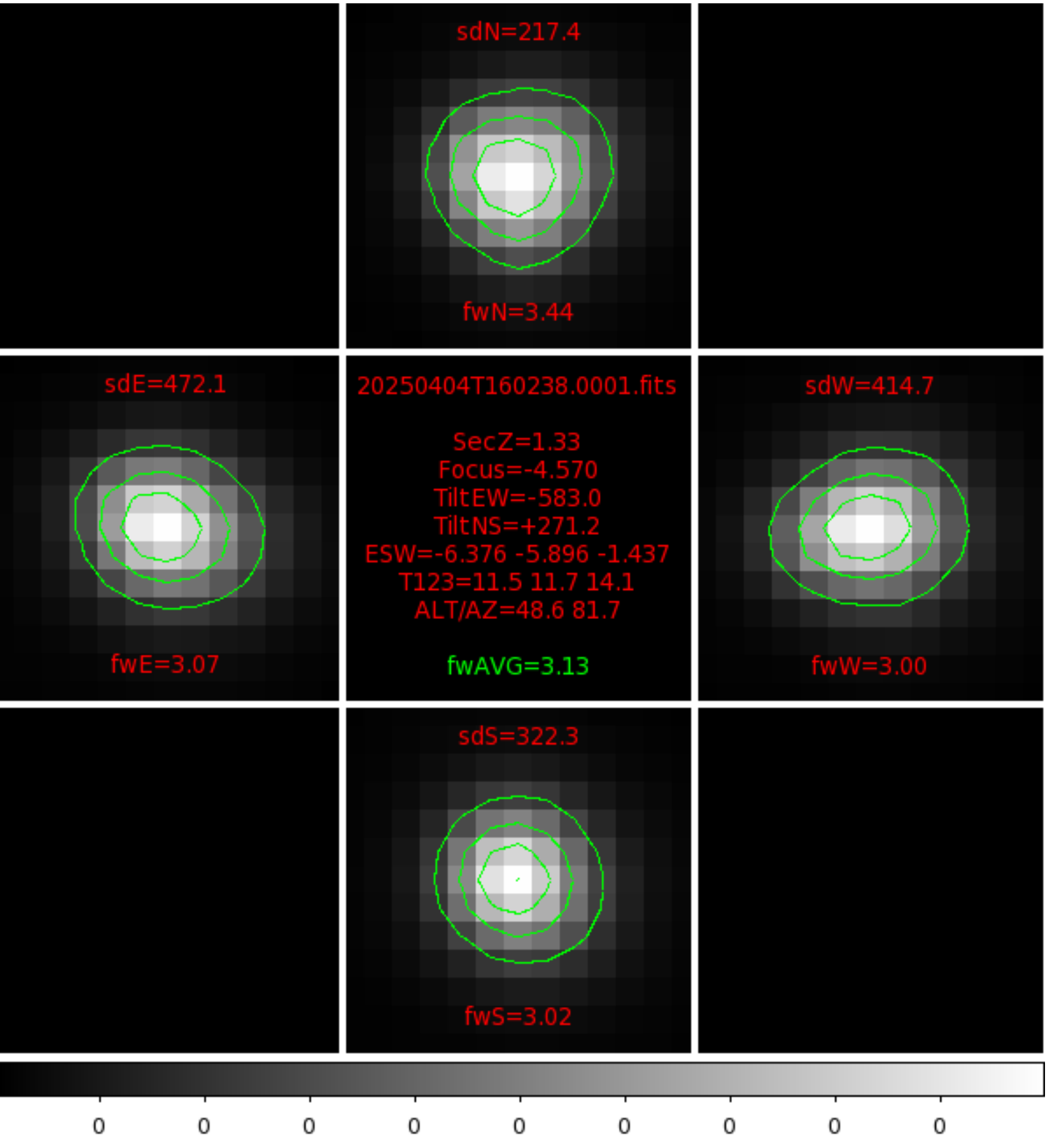
sdN=217.4
fwN=3.44
sdE=472.1
fwE=3.07
20250404T160238.0001.fits
SecZ=1.33
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.5 11.7 14.1
ALT/AZ=48.6 81.7
fwAVG=3.13
sdW=414.7
fwW=3.00
sdS=322.3
fwS=3.02
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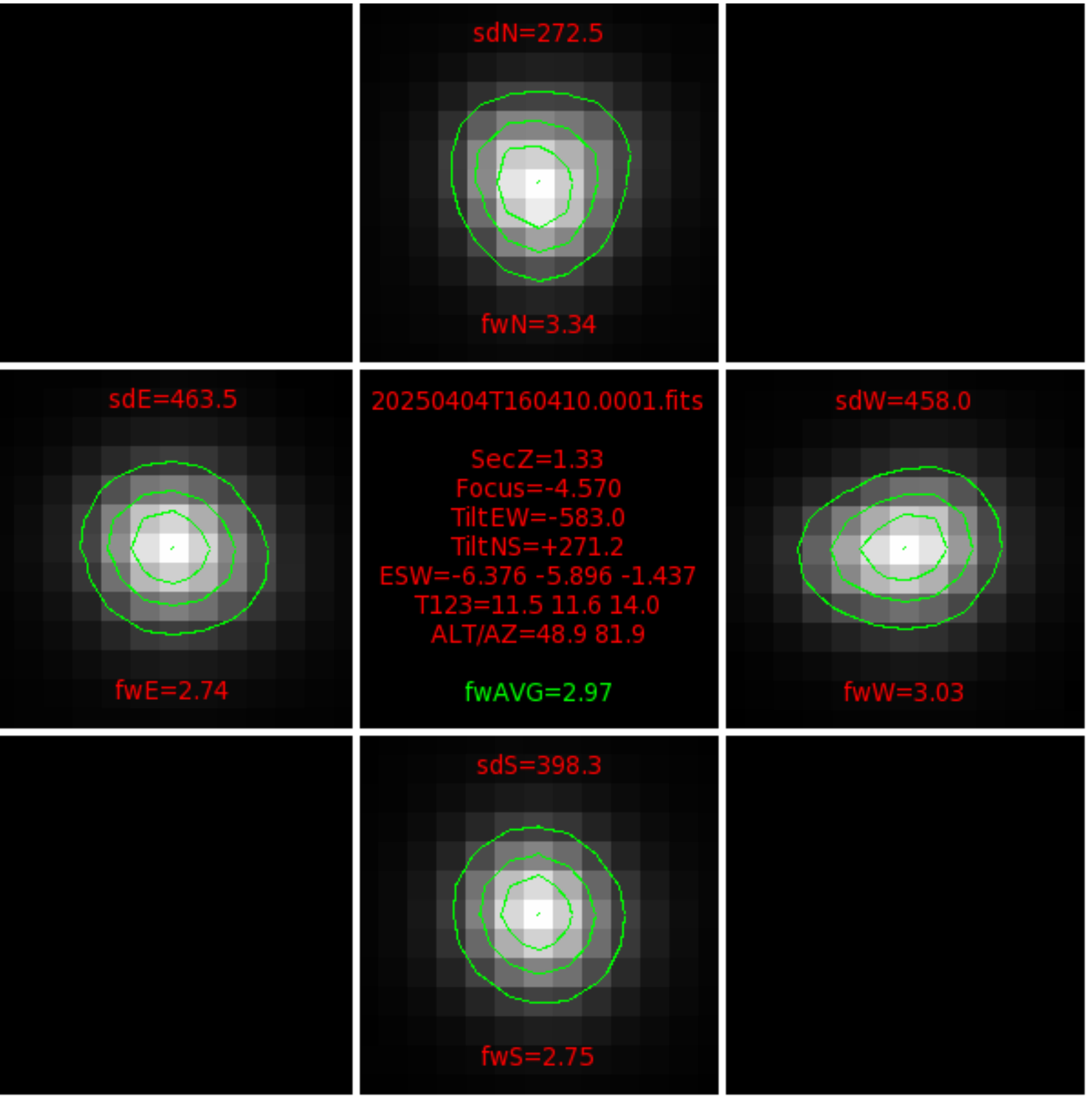
sdN=272.5
fwN=3.34
sdE=463.5
fwE=2.74
20250404T160410.0001.fits
SecZ=1.33
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.5 11.6 14.0
ALT/AZ=48.9 81.9
fwAVG=2.97
sdW=458.0
fwW=3.03
sdS=398.3
fwS=2.75
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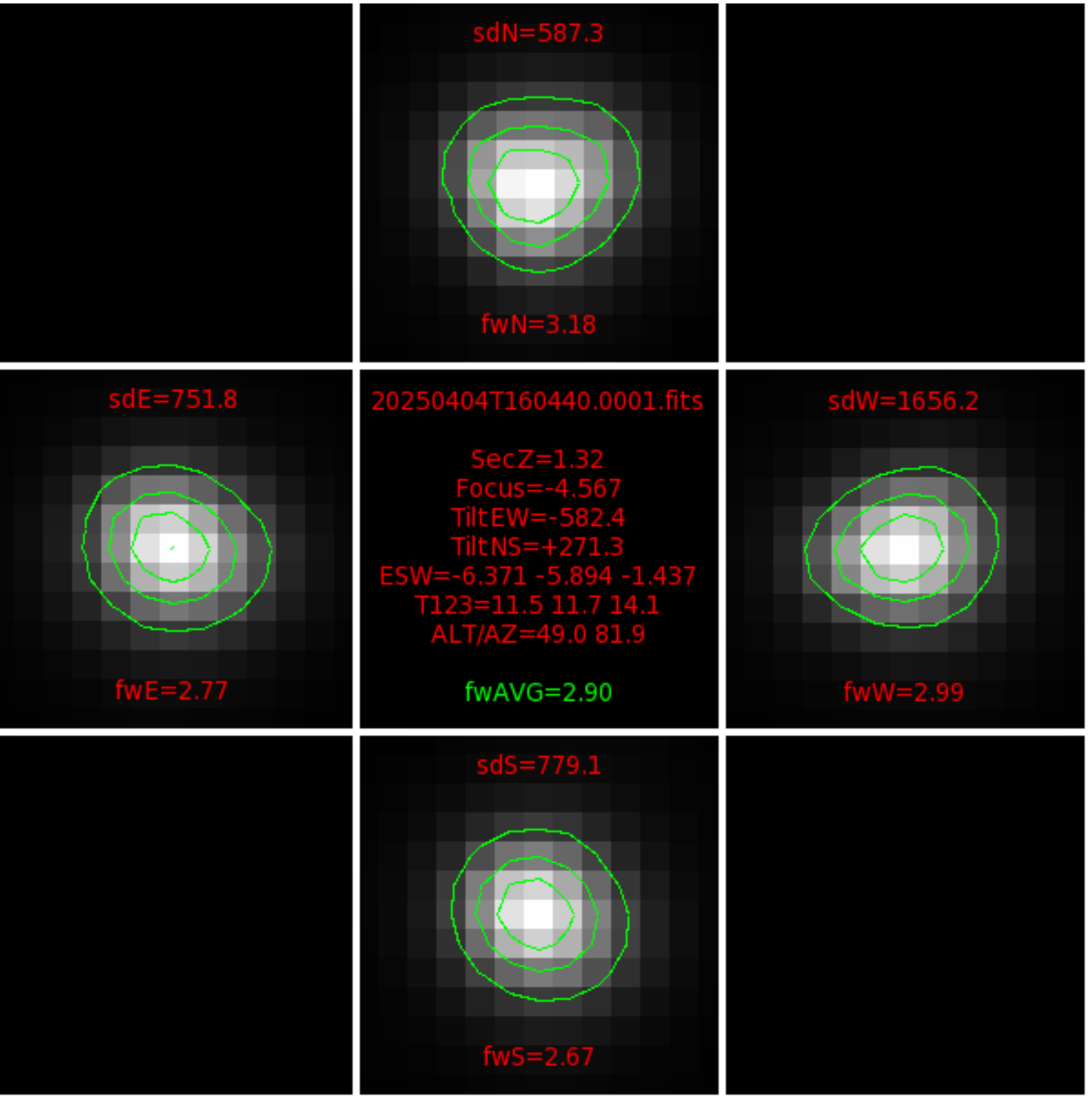
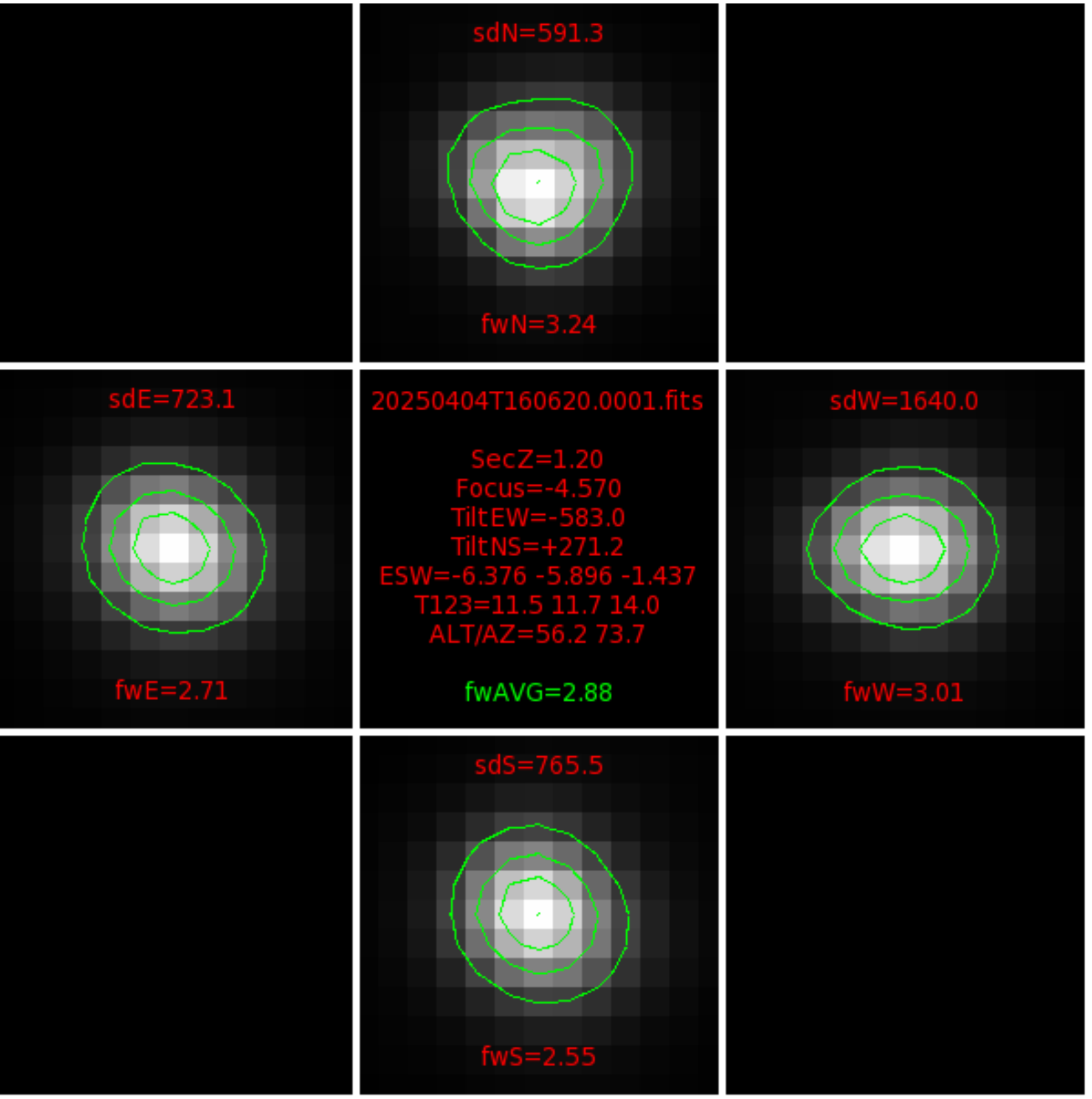

sdN=587.3
fwN=3.18
sdE=751.8
fwE=2.77
20250404T160440.0001.fits
SecZ=1.32
Focus=-4.567
TiltEW=-582.4
TiltNS=+271.3
ESW=-6.371 -5.894 -1.437
T123=11.5 11.7 14.1
ALT/AZ=49.0 81.9
fwAVG=2.90
sdW=1656.2
fwW=2.99
sdS=779.1
fwS=2.67
0 0 0 0 0 0 0 0 0


sdN=591.3
fwN=3.24
sdE=723.1
fwE=2.71
20250404T160620.0001.fits
SecZ=1.20
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.5 11.7 14.0
ALT/AZ=56.2 73.7
fwAVG=2.88
sdW=1640.0
fwW=3.01
sdS=765.5
fwS=2.55
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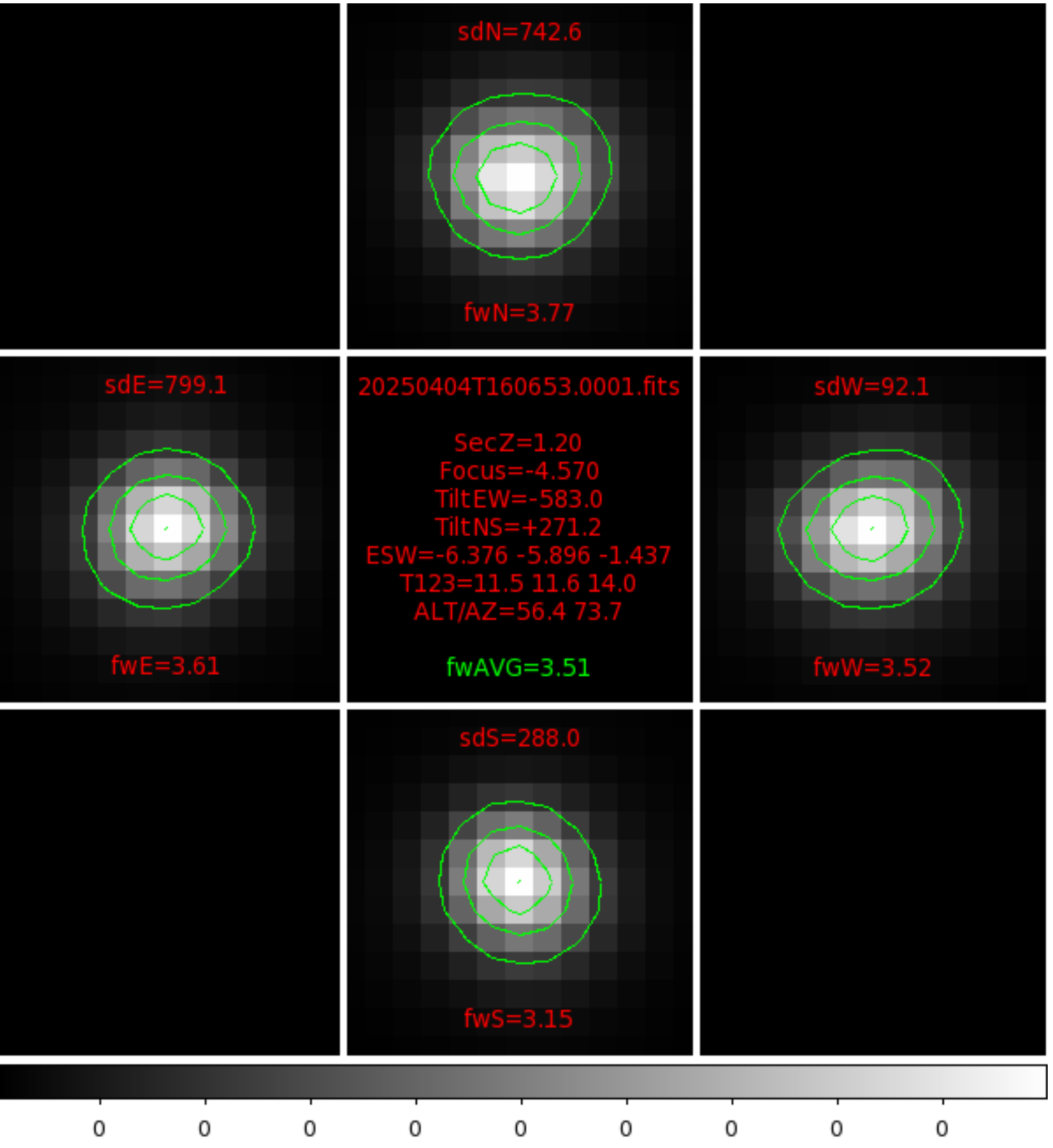
sdN=742.6
fwN=3.77
sdE=799.1
fwE=3.61
20250404T160653.0001.fits
SecZ=1.20
Focus=-4.570
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.376 -5.896 -1.437
T123=11.5 11.6 14.0
ALT/AZ=56.4 73.7
fwAVG=3.51
sdW=92.1
fwW=3.52
sdS=288.0
fwS=3.15
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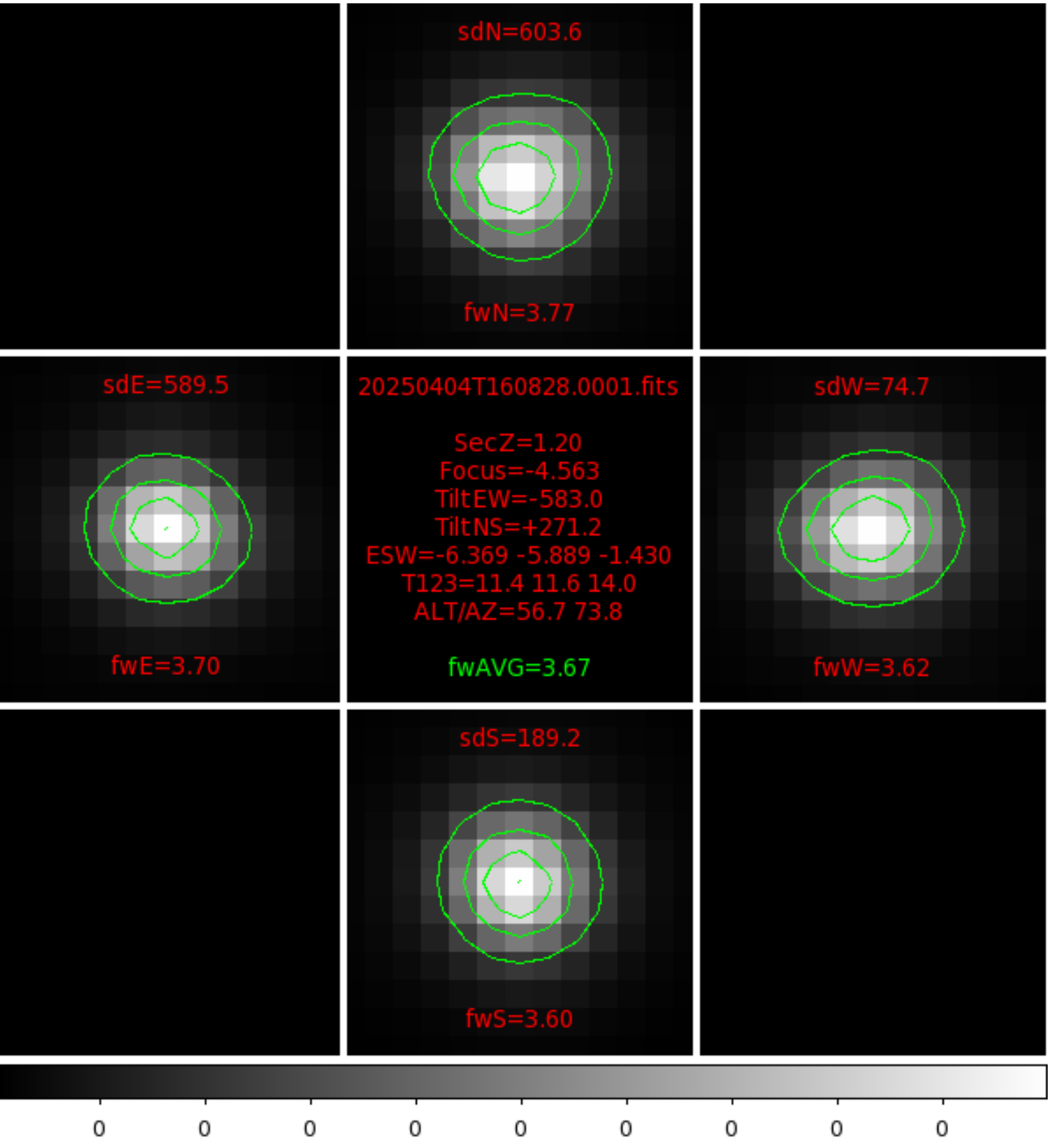
sdN=603.6
fwN=3.77
sdE=589.5
fwE=3.70
20250404T160828.0001.fits
SecZ=1.20
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.4 11.6 14.0
ALT/AZ=56.7 73.8
fwAVG=3.67
sdW=74.7
fwW=3.62
sdS=189.2
fwS=3.60
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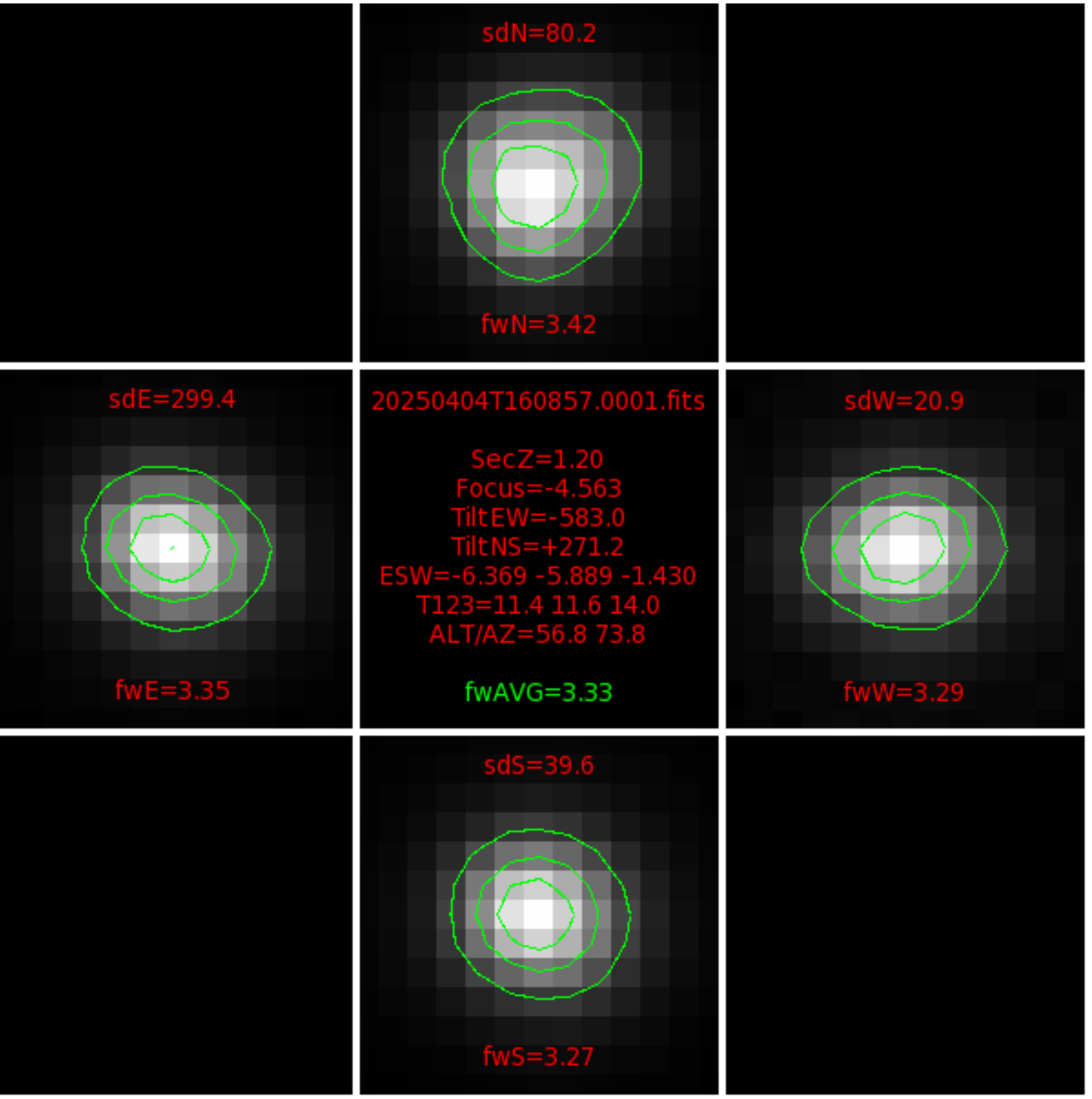
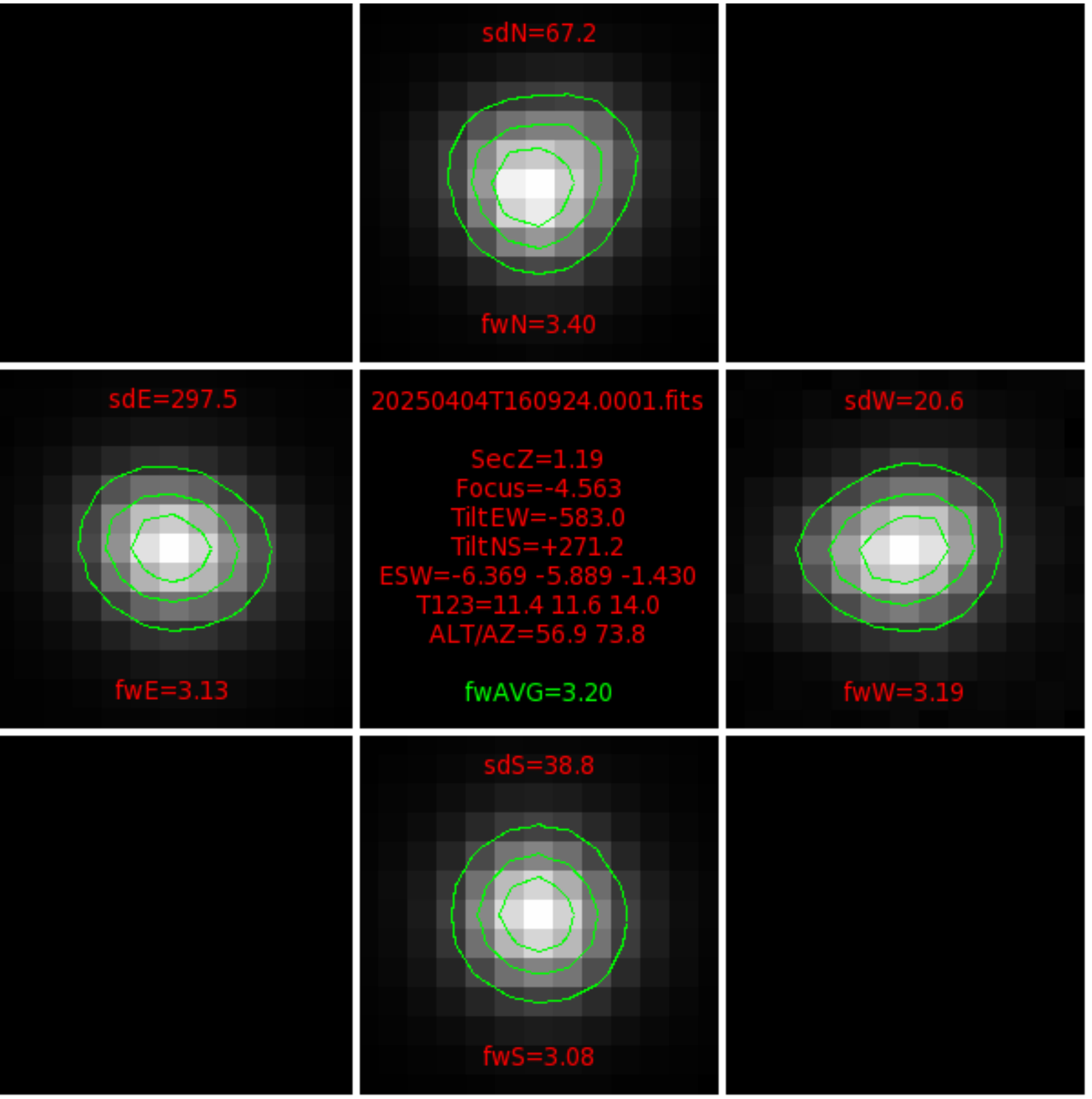
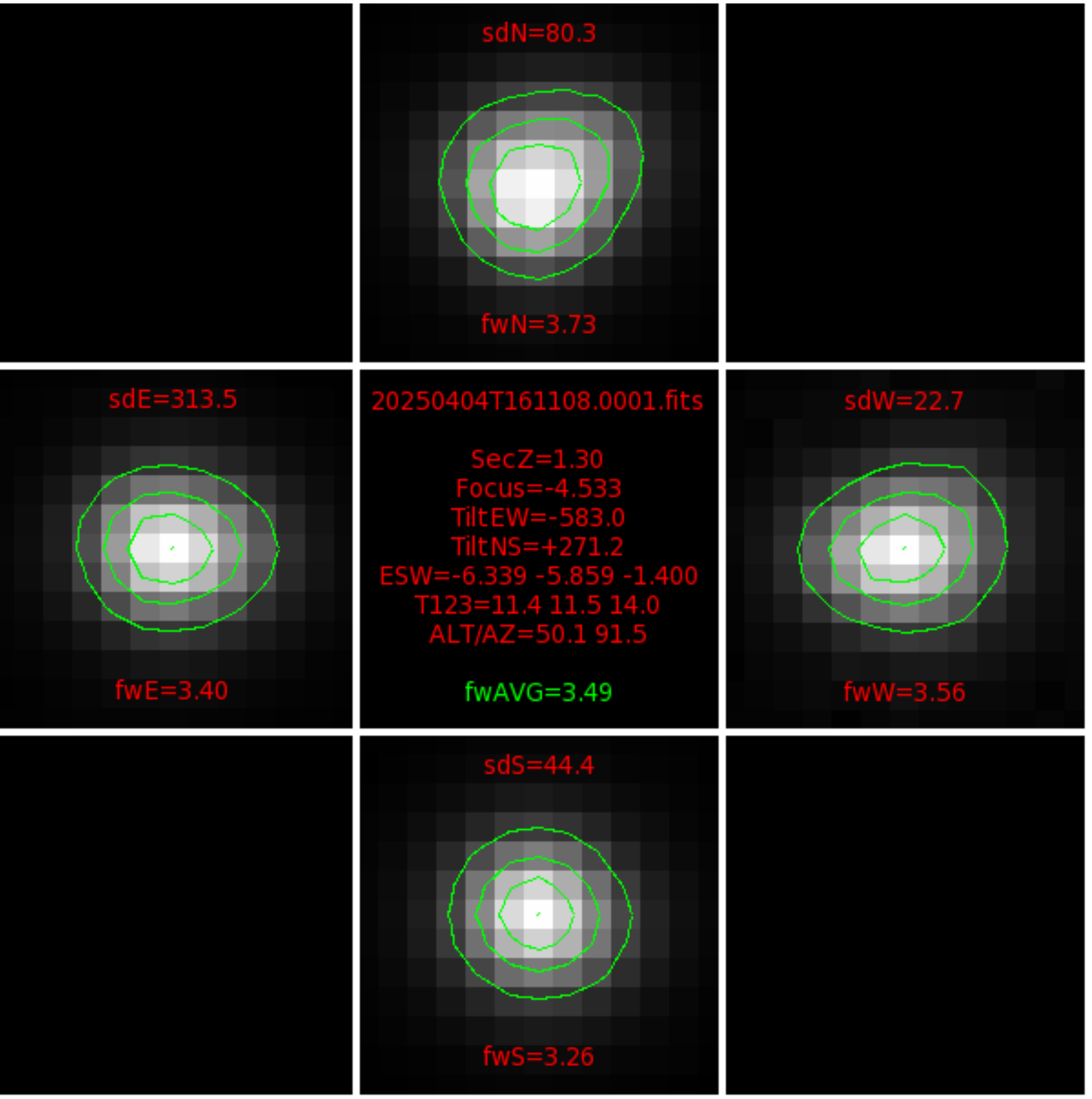

sdN=80.2
fwN=3.42
sdE=299.4
fwE=3.35
20250404T160857.0001.fits
SecZ=1.20
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.4 11.6 14.0
ALT/AZ=56.8 73.8
fwAVG=3.33
sdW=20.9
fwW=3.29
sdS=39.6
fwS=3.27
0 0 0 0 0 0 0 0 0


sdN=67.2
fwN=3.40
sdE=297.5
fwE=3.13
20250404T160924.0001.fits
SecZ=1.19
Focus=-4.563
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.369 -5.889 -1.430
T123=11.4 11.6 14.0
ALT/AZ=56.9 73.8
fwAVG=3.20
sdW=20.6
fwW=3.19
sdS=38.8
fwS=3.08
0 0 0 0 0 0 0 0 0


sdN=80.3
fwN=3.73
sdE=313.5
fwE=3.40
20250404T161108.0001.fits
SecZ=1.30
Focus=-4.533
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.339 -5.859 -1.400
T123=11.4 11.5 14.0
ALT/AZ=50.1 91.5
fwAVG=3.49
sdW=22.7
fwW=3.56
sdS=44.4
fwS=3.26
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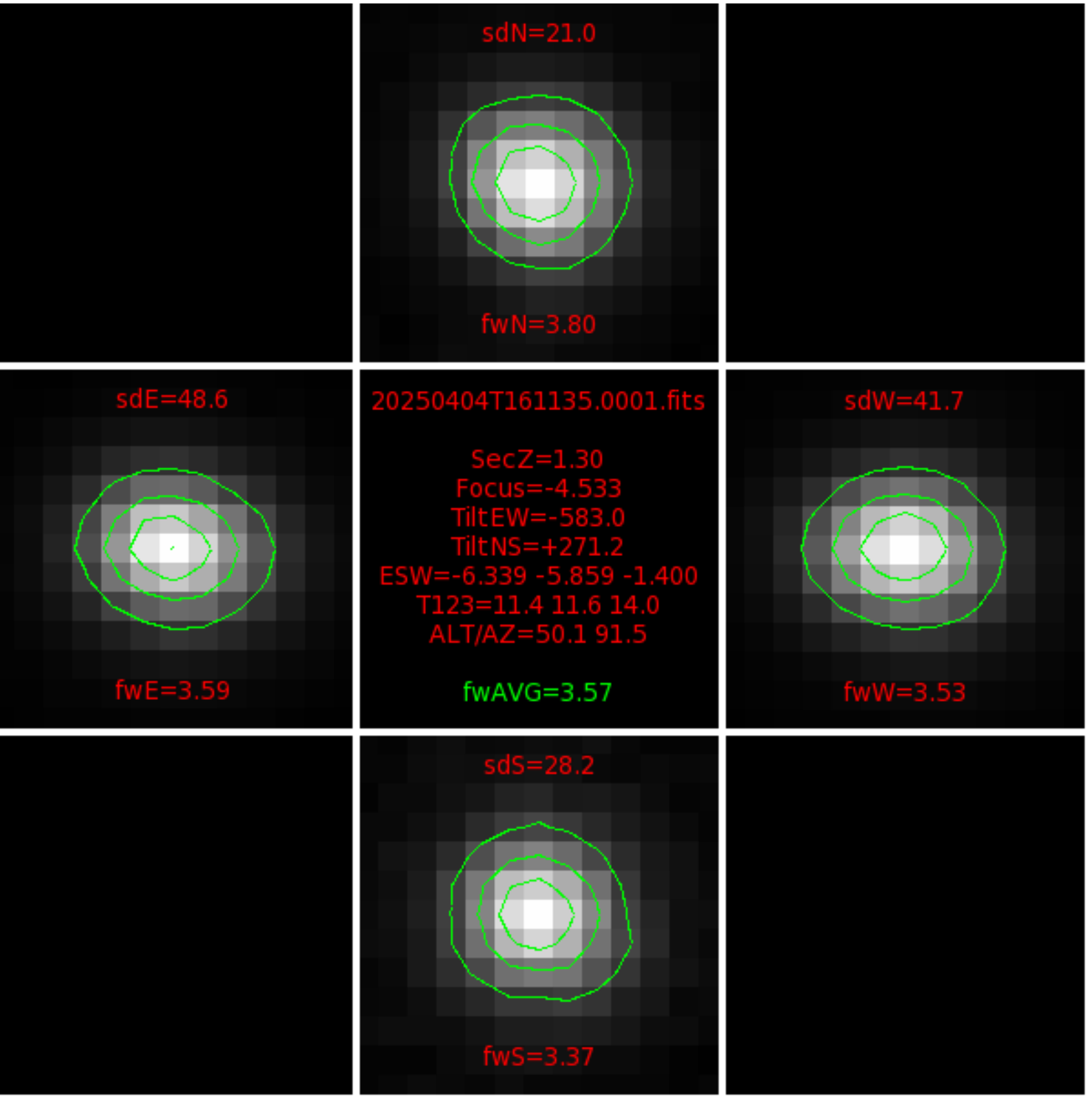
sdN=21.0
fwN=3.80
sdE=48.6
fwE=3.59
20250404T161135.0001.fits
SecZ=1.30
Focus=-4.533
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.339 -5.859 -1.400
T123=11.4 11.6 14.0
ALT/AZ=50.1 91.5
fwAVG=3.57
sdW=41.7
fwW=3.53
sdS=28.2
fwS=3.37
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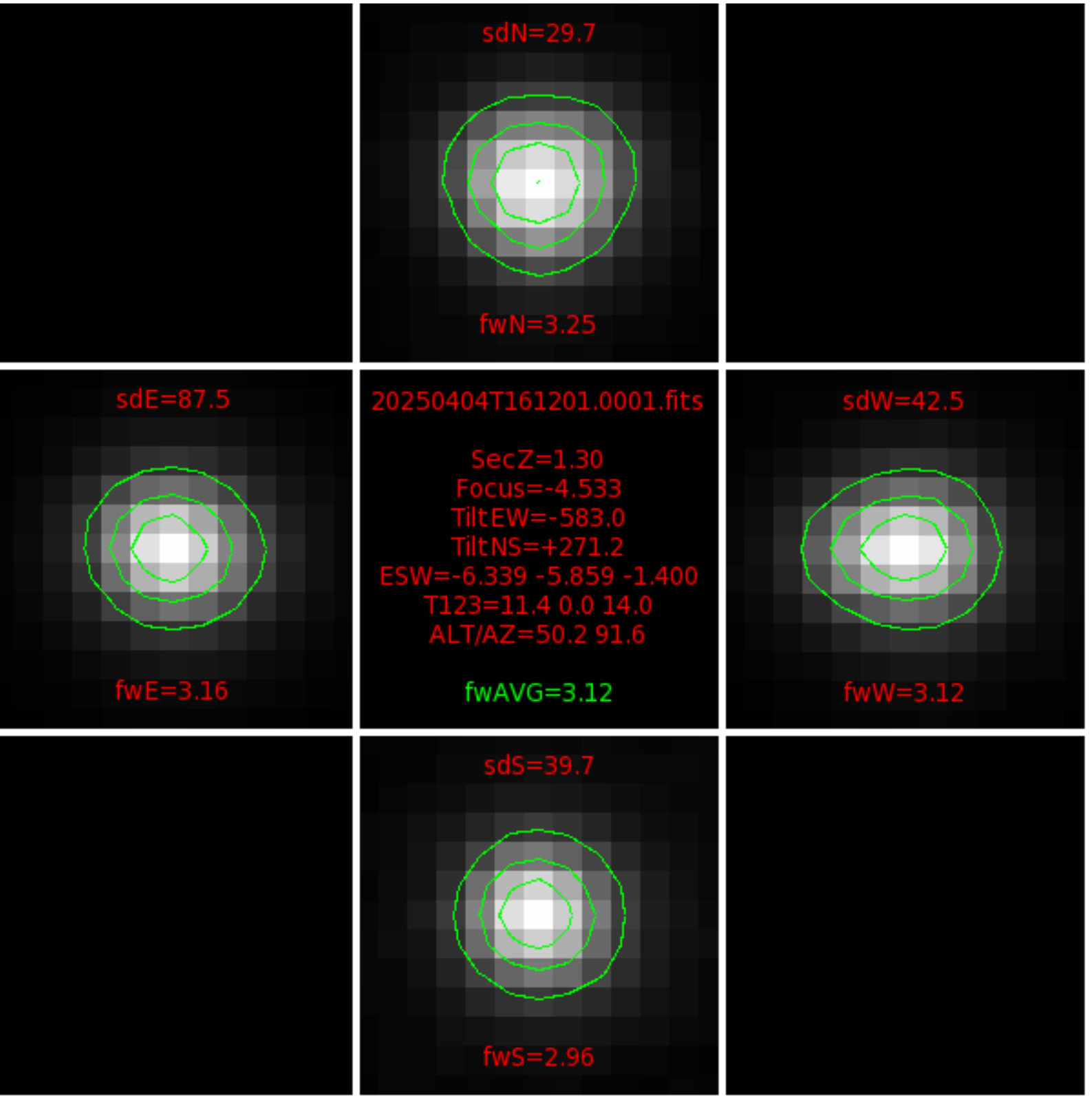
sdN=29.7
fwN=3.25
sdE=87.5
fwE=3.16
20250404T161201.0001.fits
SecZ=1.30
Focus=-4.533
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.339 -5.859 -1.400
T123=11.4 0.0 14.0
ALT/AZ=50.2 91.6
fwAVG=3.12
sdW=42.5
fwW=3.12
sdS=39.7
fwS=2.96
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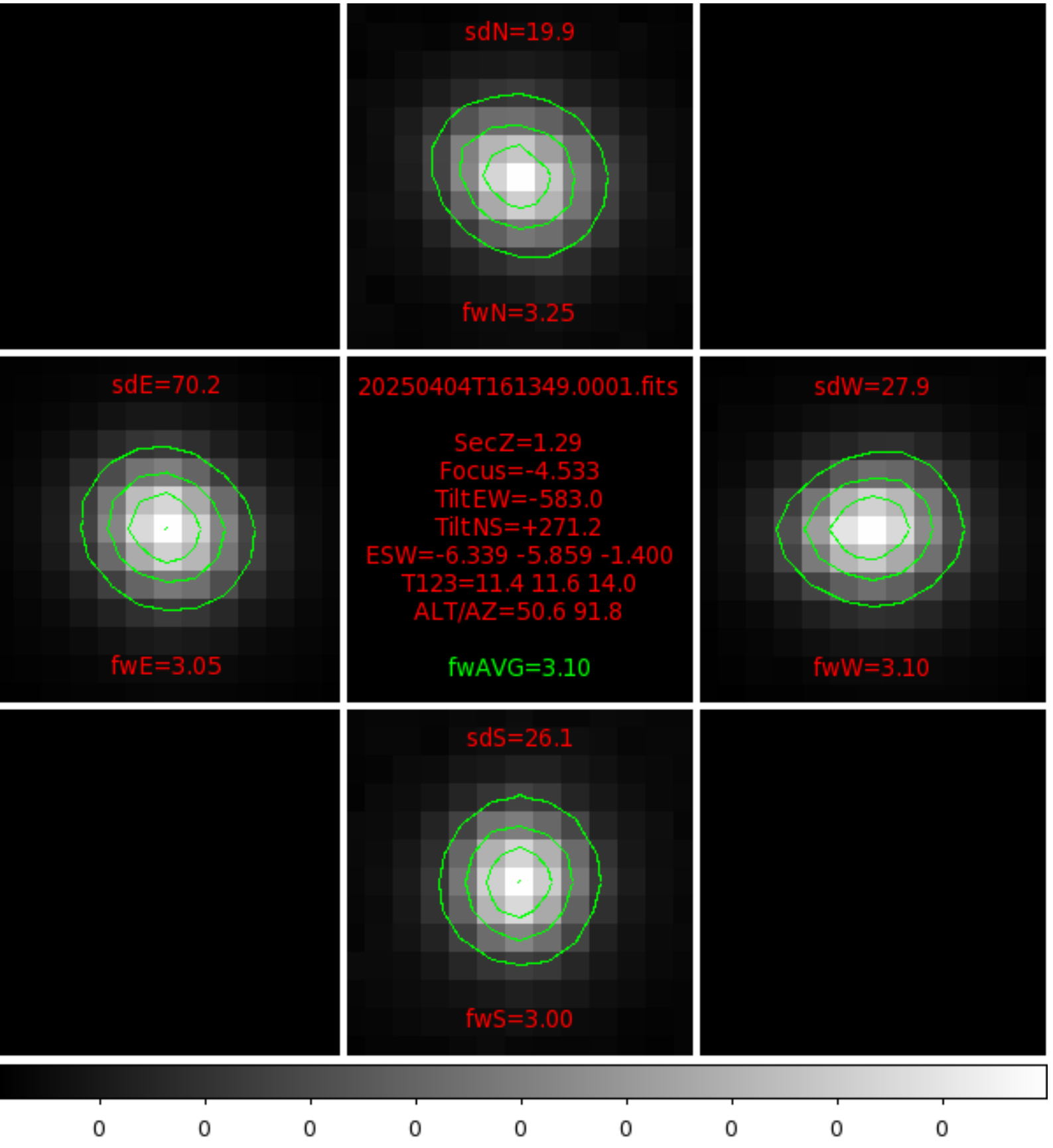
sdN=19.9
fwN=3.25
sdE=70.2
fwE=3.05
20250404T161349.0001.fits
SecZ=1.29
Focus=-4.533
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.339 -5.859 -1.400
T123=11.4 11.6 14.0
ALT/AZ=50.6 91.8
fwAVG=3.10
sdW=27.9
fwW=3.10
sdS=26.1
fwS=3.00
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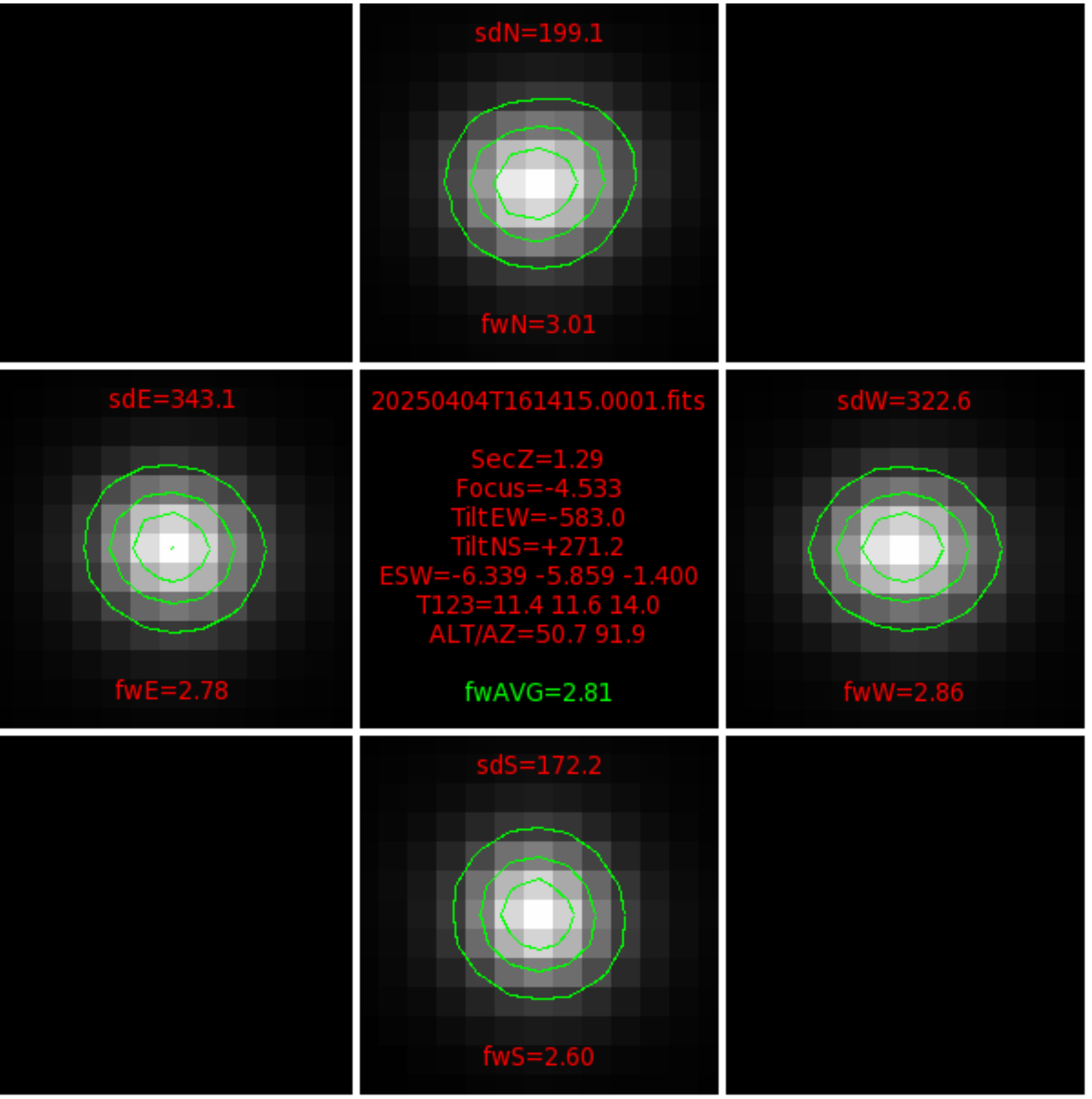
sdN=199.1
fwN=3.01
sdE=343.1
fwE=2.78
20250404T161415.0001.fits
SecZ=1.29
Focus=-4.533
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.339 -5.859 -1.400
T123=11.4 11.6 14.0
ALT/AZ=50.7 91.9
fwAVG=2.81
sdW=322.6
fwW=2.86
sdS=172.2
fwS=2.60
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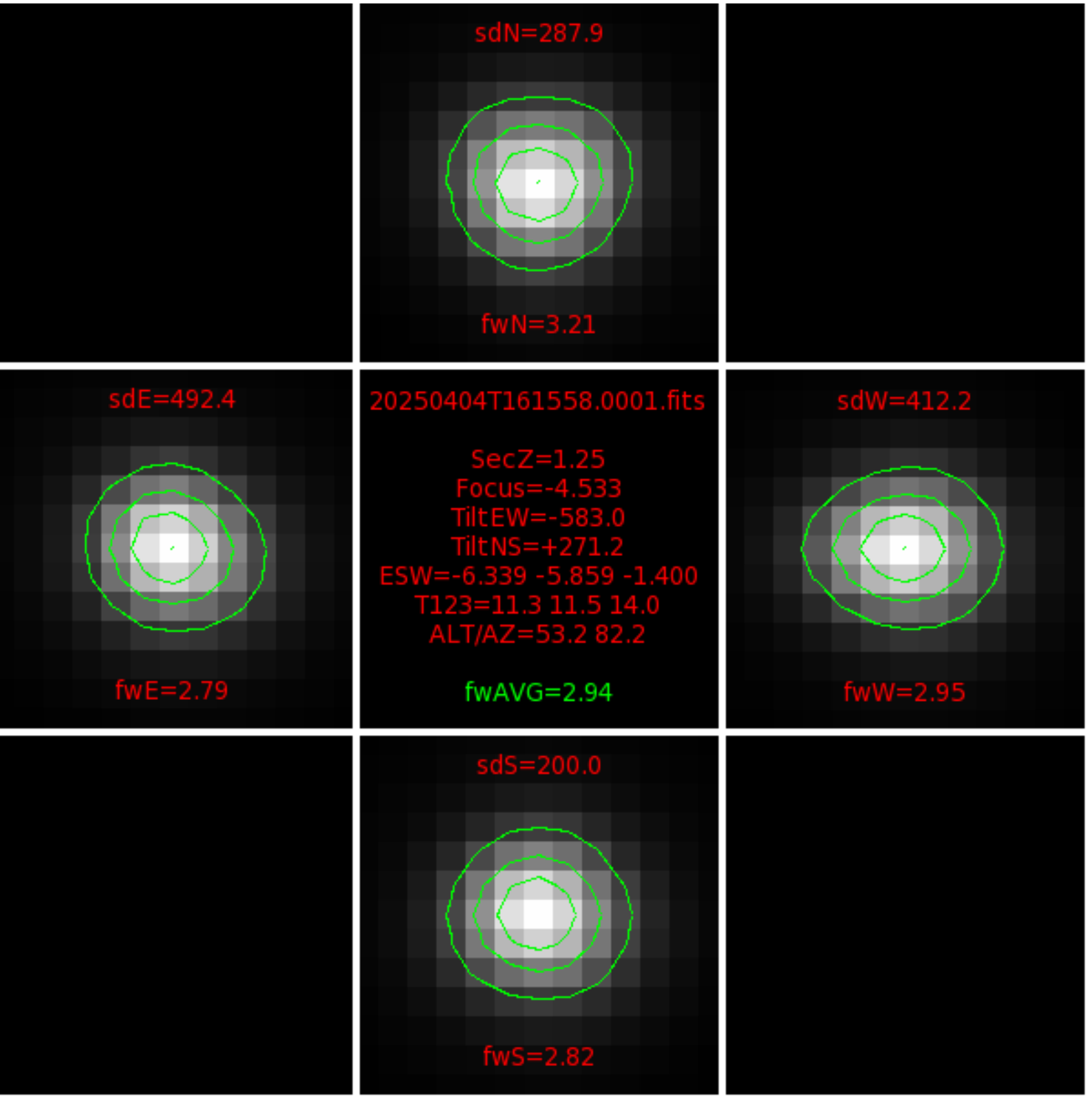
sdN=287.9
fwN=3.21
sdE=492.4
fwE=2.79
20250404T161558.0001.fits
SecZ=1.25
Focus=-4.533
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.339 -5.859 -1.400
T123=11.3 11.5 14.0
ALT/AZ=53.2 82.2
fwAVG=2.94
sdW=412.2
fwW=2.95
sdS=200.0
fwS=2.82
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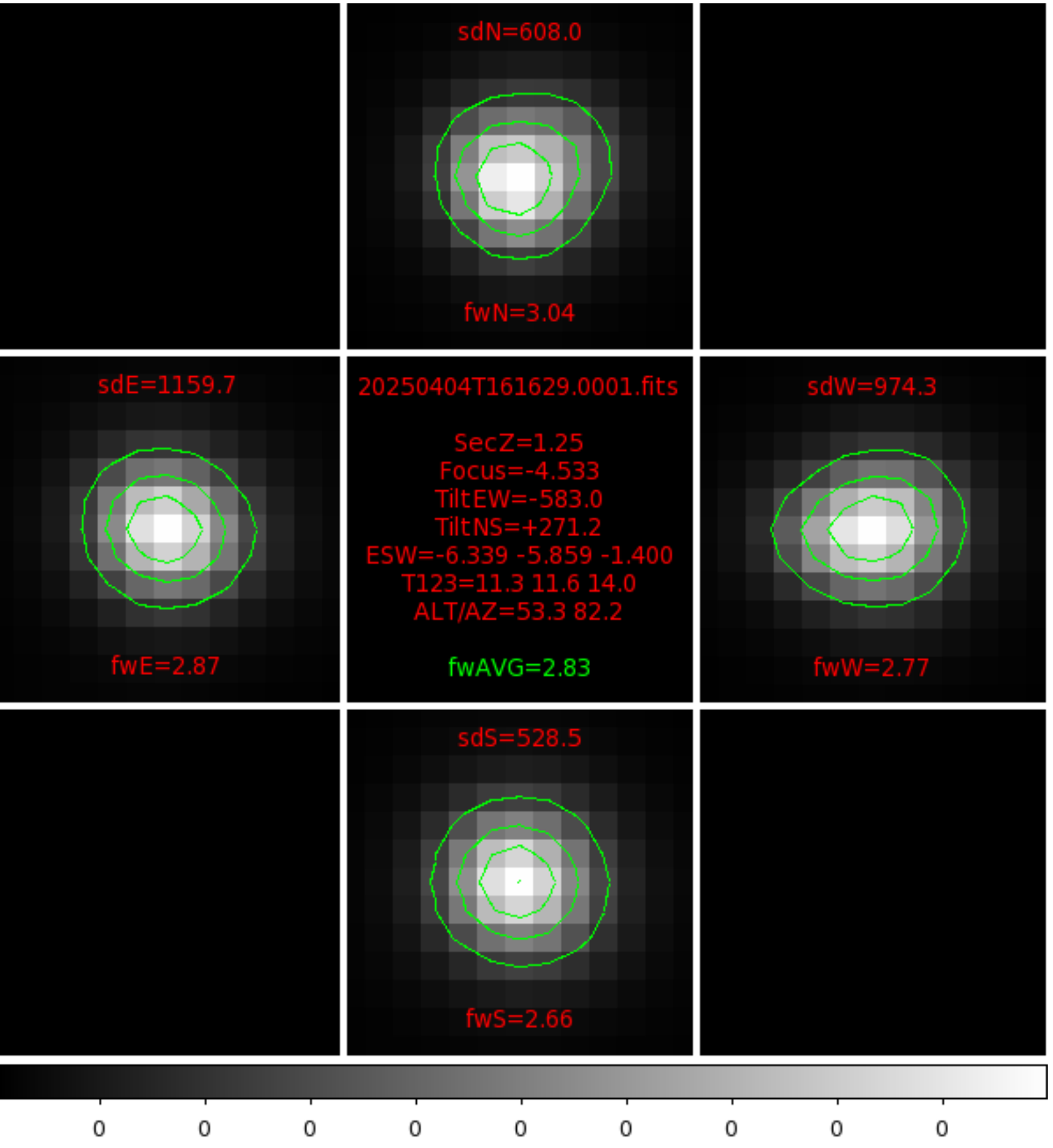
sdN=608.0
fwN=3.04
sdE=1159.7
fwE=2.87
20250404T161629.0001.fits
SecZ=1.25
Focus=-4.533
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.339 -5.859 -1.400
T123=11.3 11.6 14.0
ALT/AZ=53.3 82.2
fwAVG=2.83
sdW=974.3
fwW=2.77
sdS=528.5
fwS=2.66
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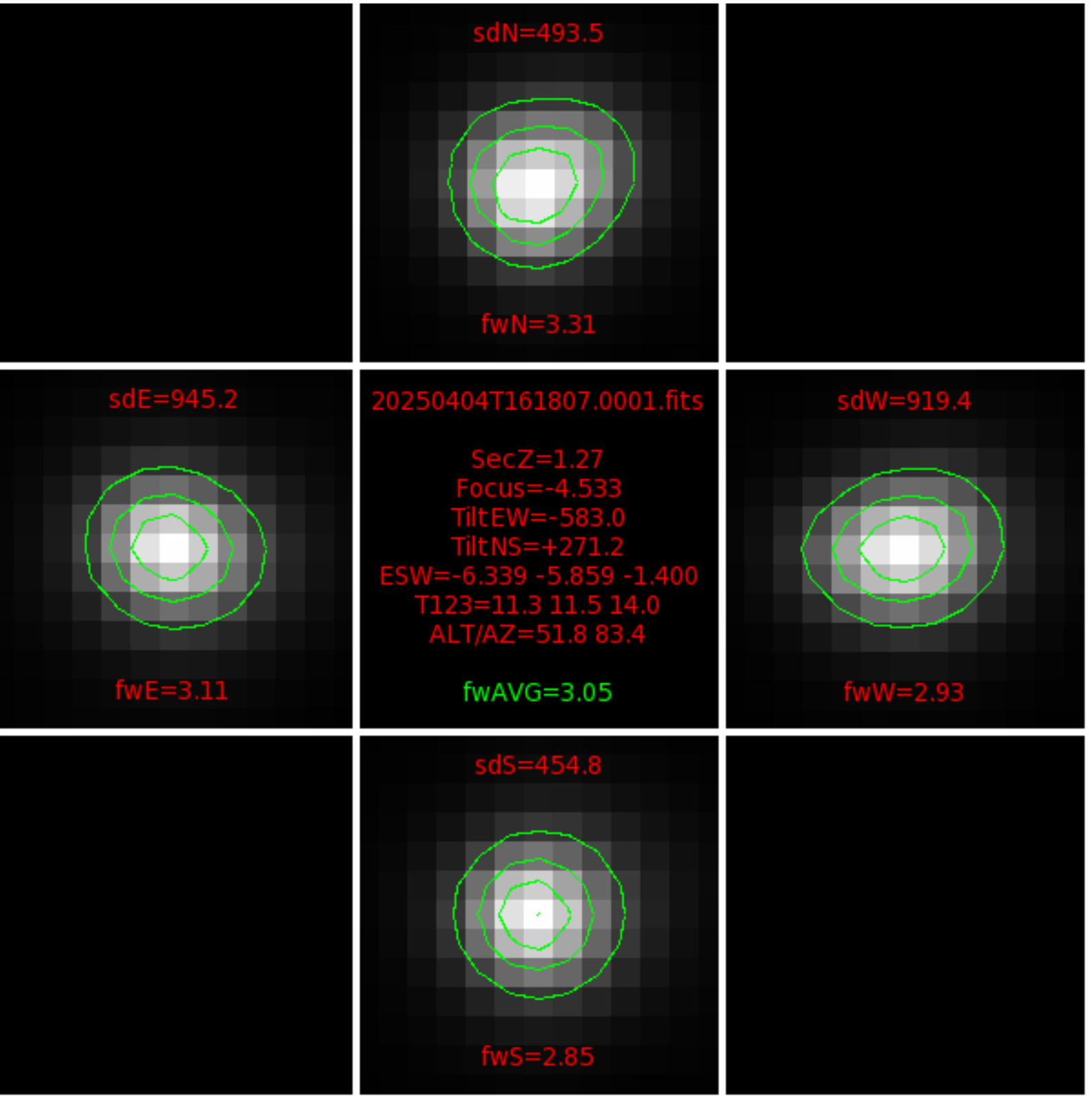
sdN=493.5
fwN=3.31
sdE=945.2
fwE=3.11
20250404T161807.0001.fits
SecZ=1.27
Focus=-4.533
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.339 -5.859 -1.400
T123=11.3 11.5 14.0
ALT/AZ=51.8 83.4
fwAVG=3.05
sdW=919.4
fwW=2.93
sdS=454.8
fwS=2.85
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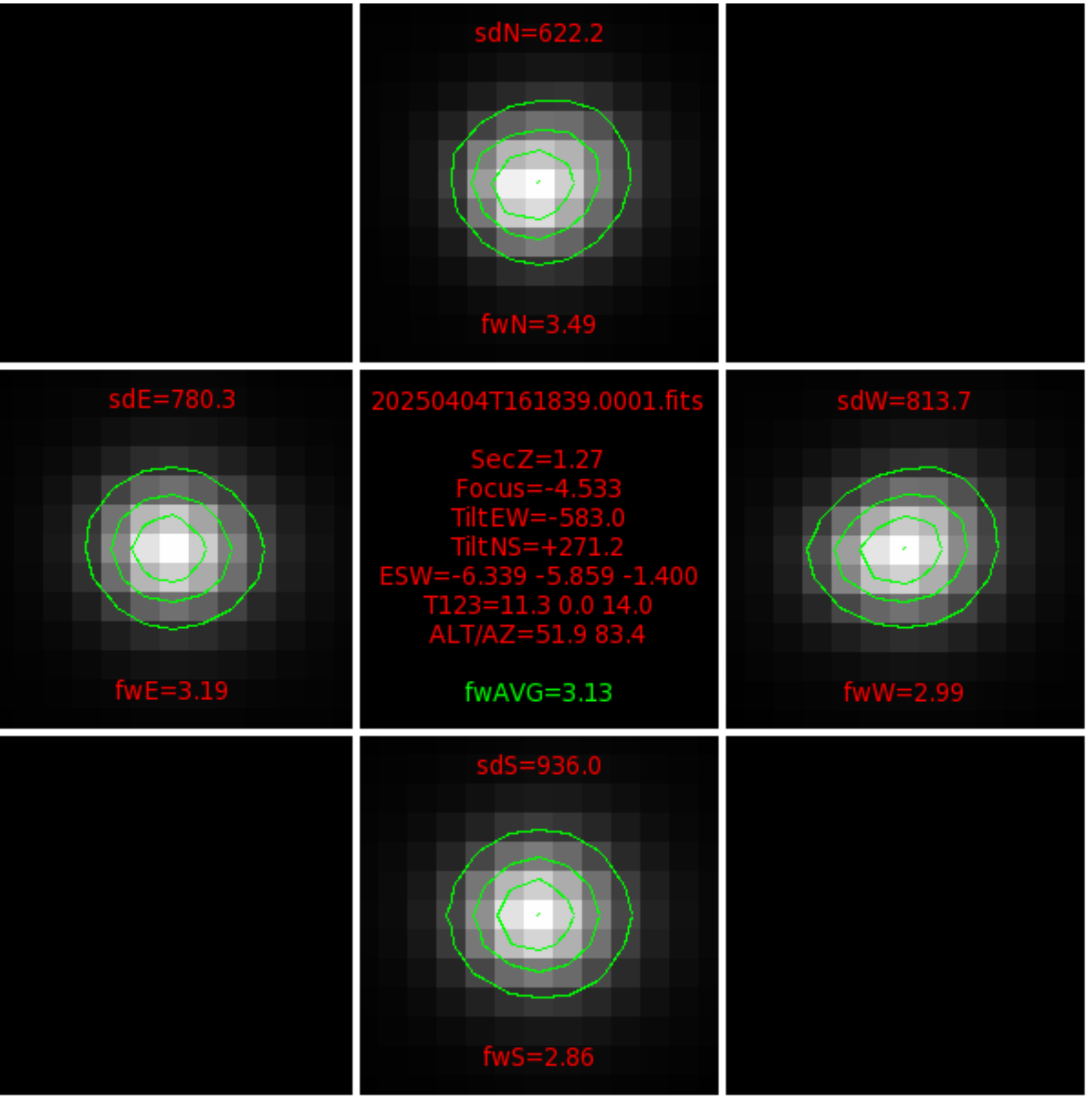
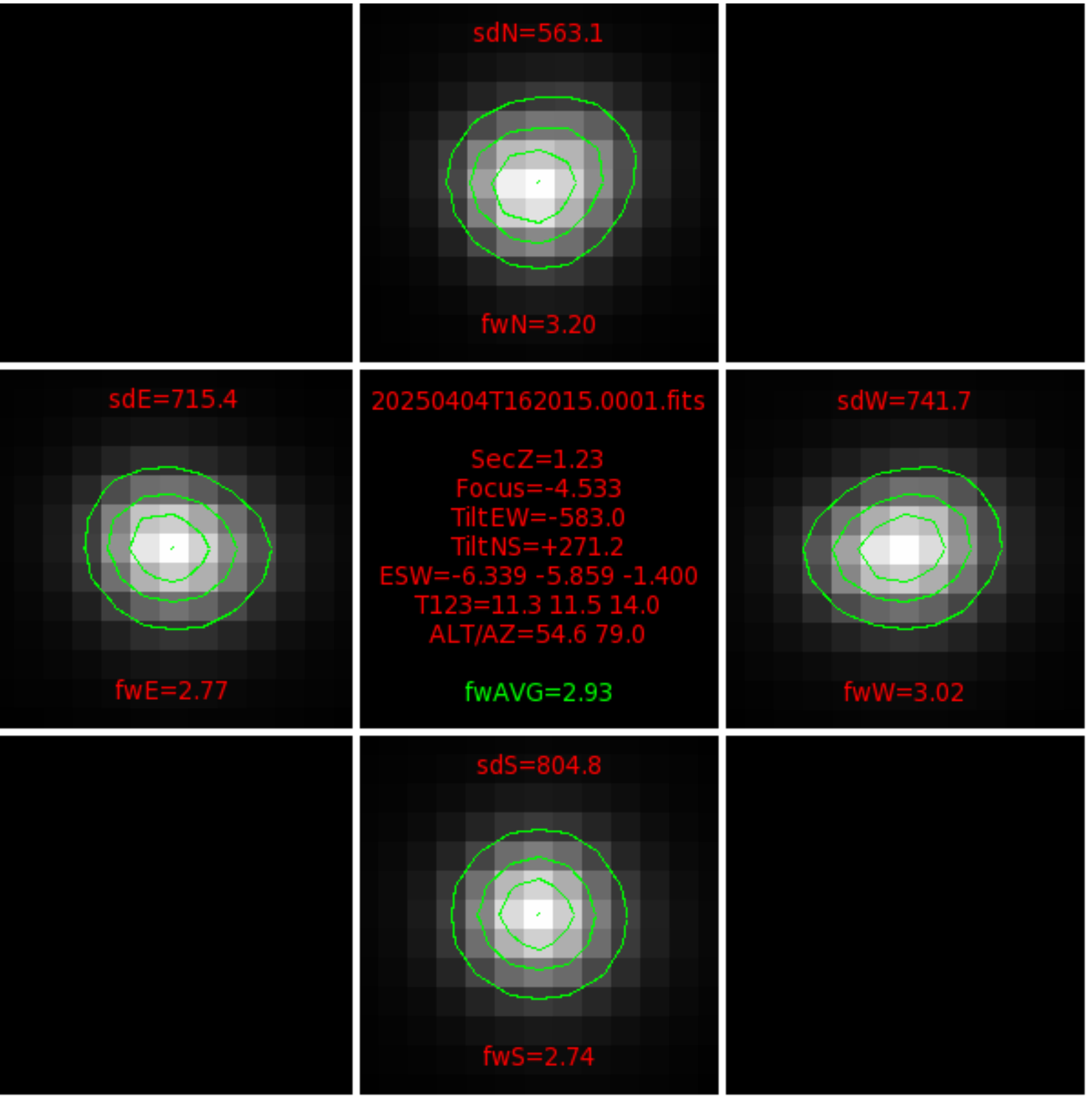

sdN=622.2
fwN=3.49
sdE=780.3
fwE=3.19
20250404T161839.0001.fits
SecZ=1.27
Focus=-4.533
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.339 -5.859 -1.400
T123=11.3 0.0 14.0
ALT/AZ=51.9 83.4
fwAVG=3.13
sdW=813.7
fwW=2.99
sdS=936.0
fwS=2.86
0 0 0 0 0 0 0 0 0


sdN=563.1
fwN=3.20
sdE=715.4
fwE=2.77
20250404T162015.0001.fits
SecZ=1.23
Focus=-4.533
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.339 -5.859 -1.400
T123=11.3 11.5 14.0
ALT/AZ=54.6 79.0
fwAVG=2.93
sdW=741.7
fwW=3.02
sdS=804.8
fwS=2.74
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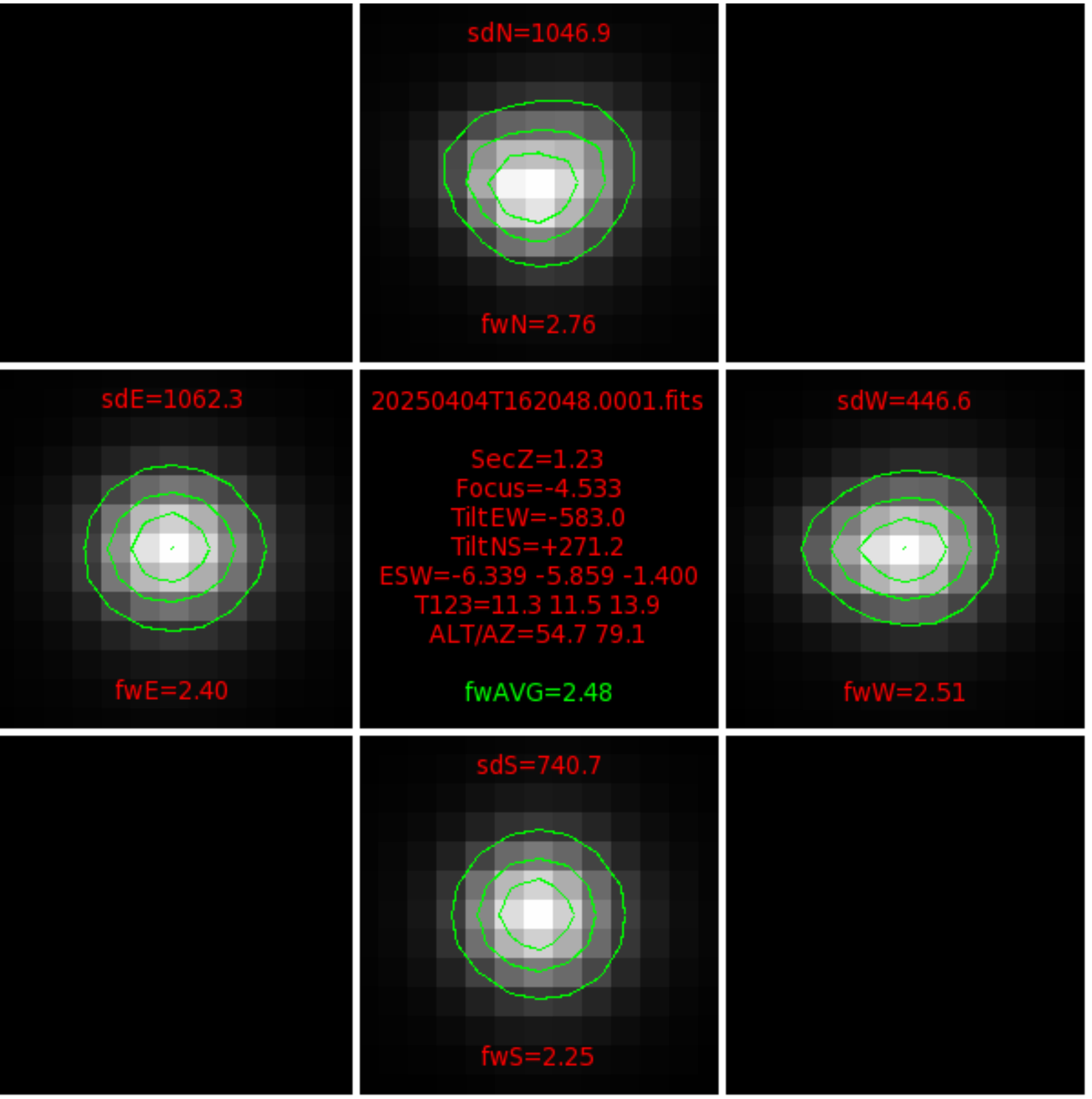
sdN=1046.9
fwN=2.76
sdE=1062.3
fwE=2.40
20250404T162048.0001.fits
SecZ=1.23
Focus=-4.533
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.339 -5.859 -1.400
T123=11.3 11.5 13.9
ALT/AZ=54.7 79.1
fwAVG=2.48
sdW=446.6
fwW=2.51
sdS=740.7
fwS=2.25
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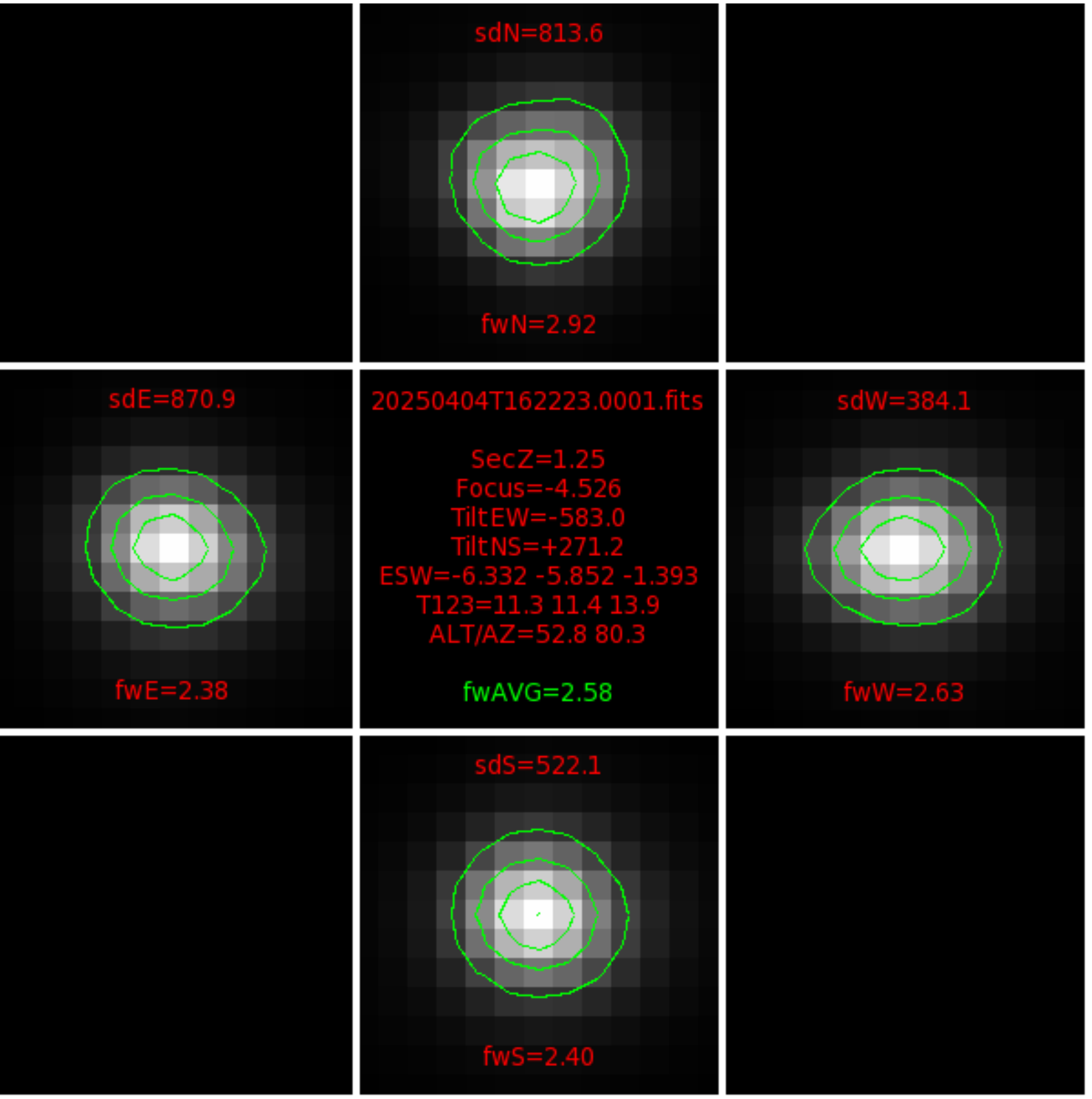
sdN=813.6
fwN=2.92
sdE=870.9
fwE=2.38
20250404T162223.0001.fits
SecZ=1.25
Focus=-4.526
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.332 -5.852 -1.393
T123=11.3 11.4 13.9
ALT/AZ=52.8 80.3
fwAVG=2.58
sdW=384.1
fwW=2.63
sdS=522.1
fwS=2.40
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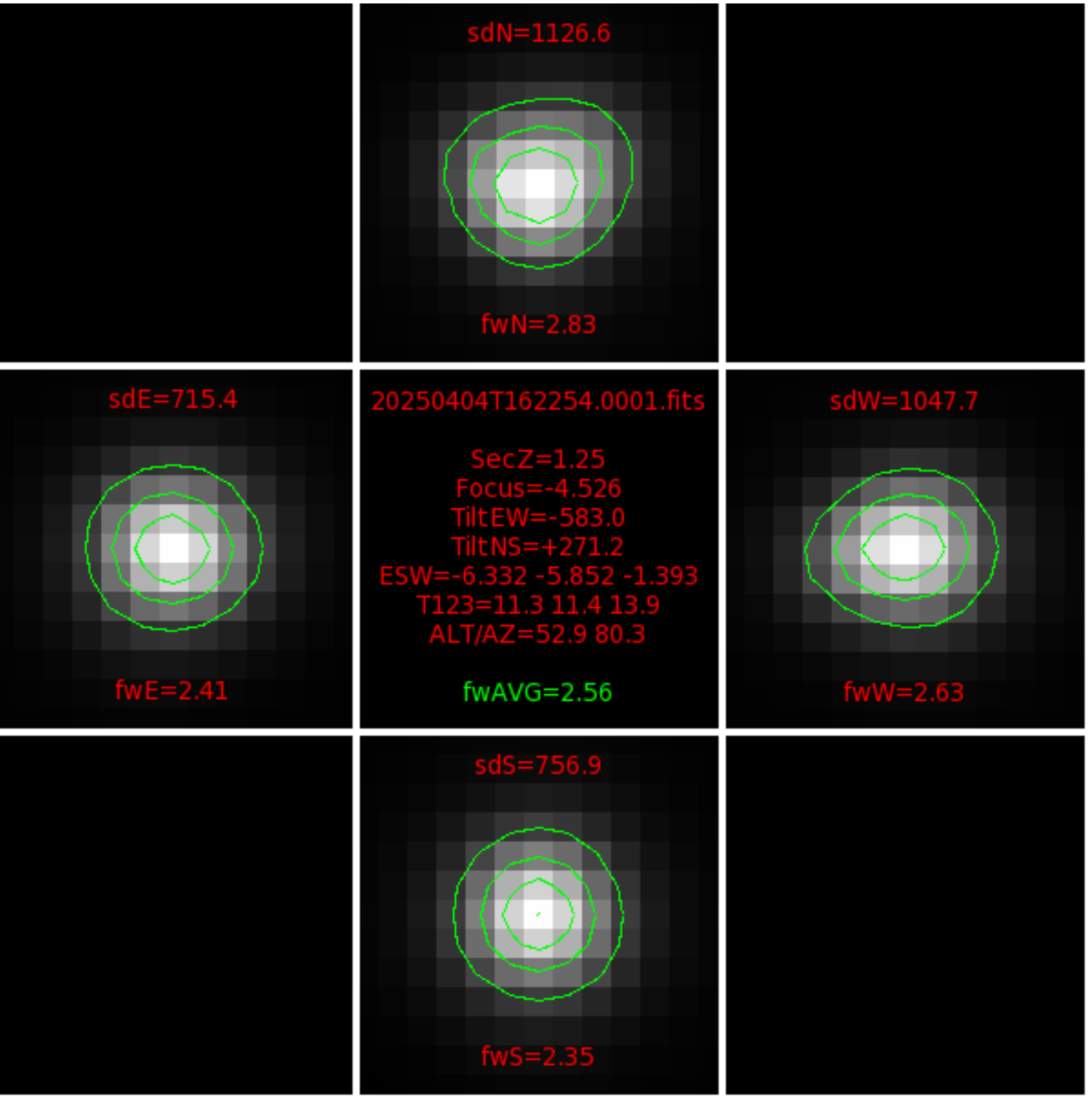
sdN=1126.6
fwN=2.83
sdE=715.4
fwE=2.41
20250404T162254.0001.fits
SecZ=1.25
Focus=-4.526
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.332 -5.852 -1.393
T123=11.3 11.4 13.9
ALT/AZ=52.9 80.3
fwAVG=2.56
sdW=1047.7
fwW=2.63
sdS=756.9
fwS=2.35
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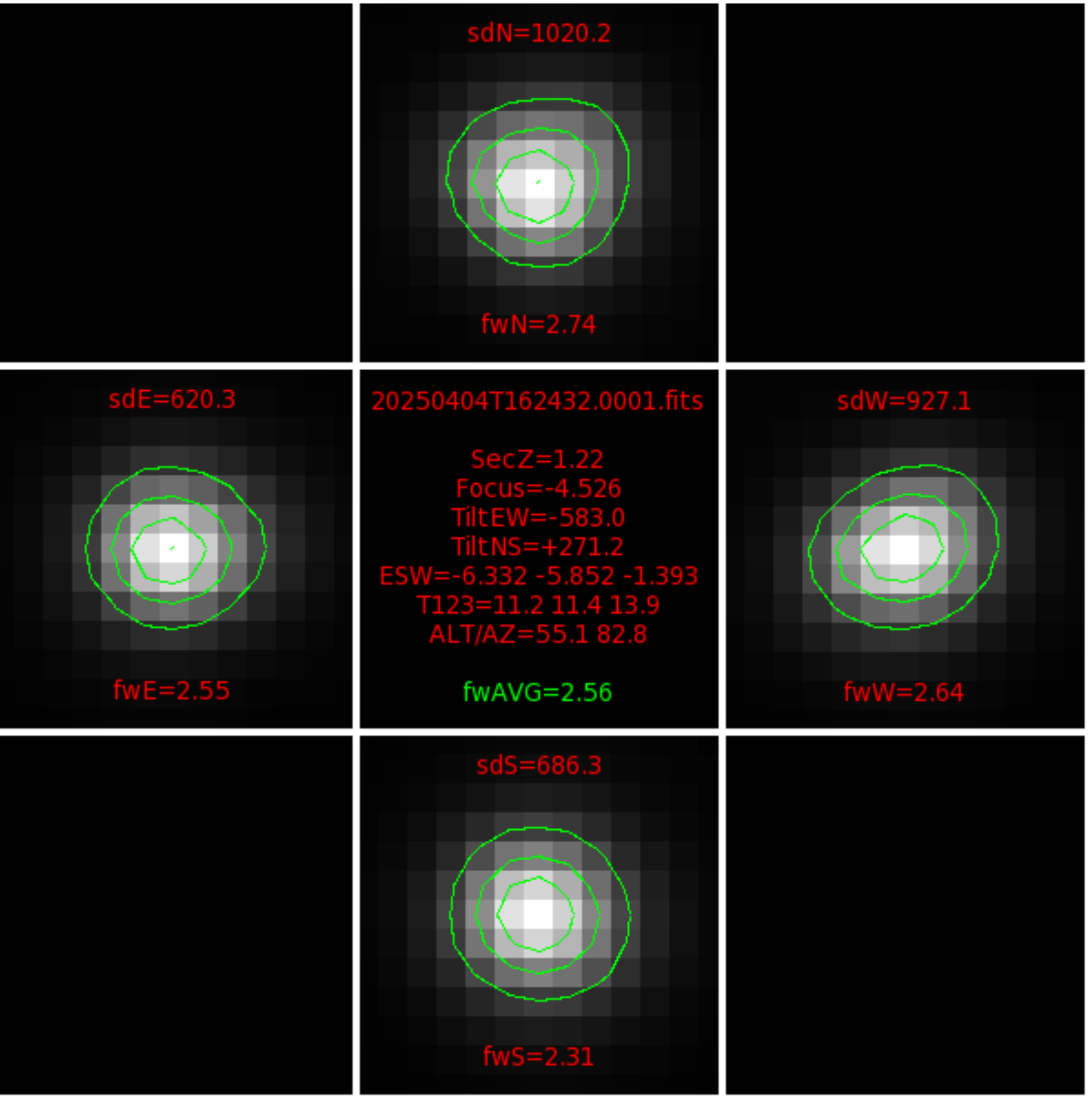
sdN=1020.2
fwN=2.74
sdE=620.3
fwE=2.55
20250404T162432.0001.fits
SecZ=1.22
Focus=-4.526
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.332 -5.852 -1.393
T123=11.2 11.4 13.9
ALT/AZ=55.1 82.8
fwAVG=2.56
sdW=927.1
fwW=2.64
sdS=686.3
fwS=2.31
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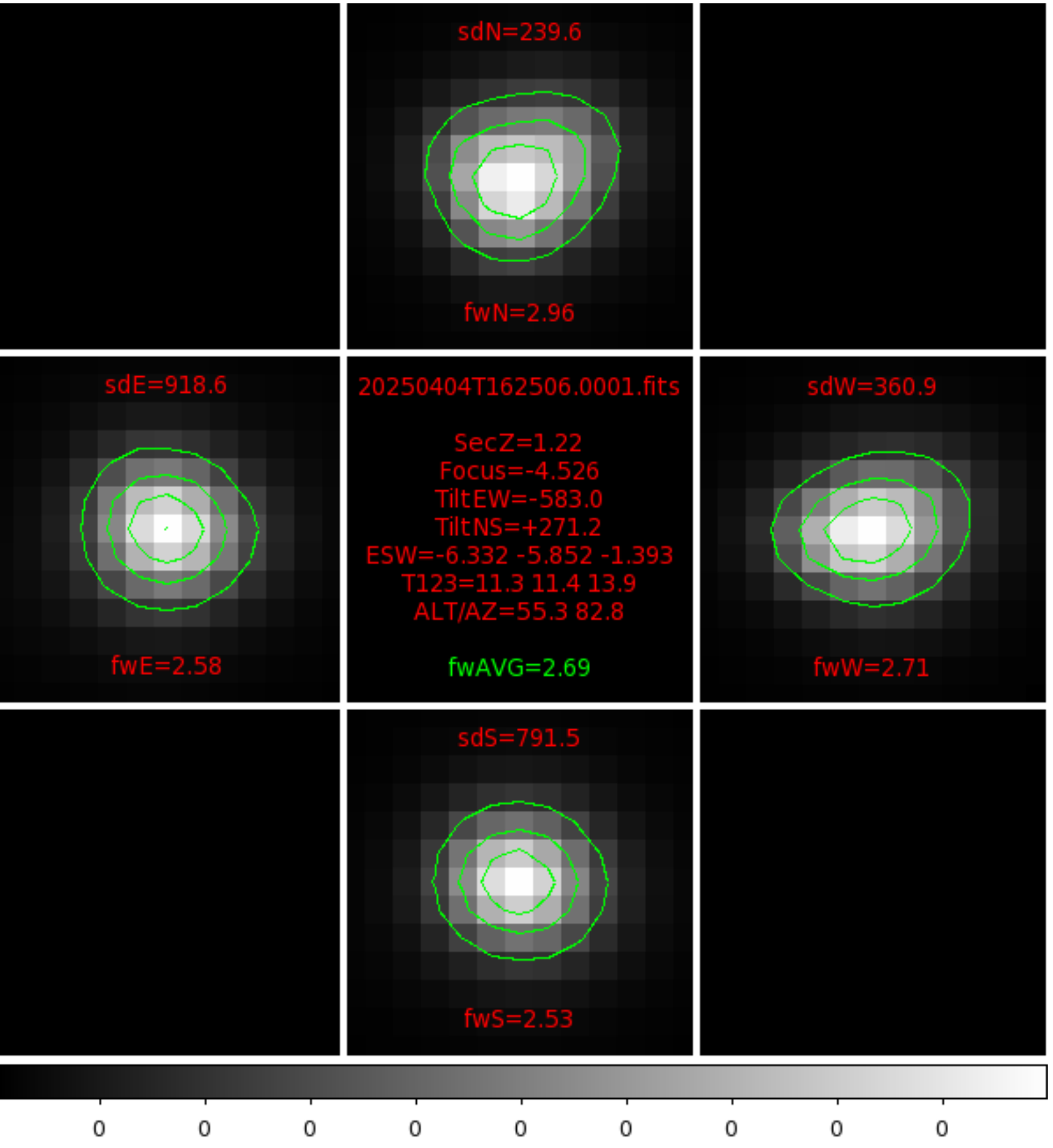
sdN=239.6
fwN=2.96
sdE=918.6
fwE=2.58
20250404T162506.0001.fits
SecZ=1.22
Focus=-4.526
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.332 -5.852 -1.393
T123=11.3 11.4 13.9
ALT/AZ=55.3 82.8
fwAVG=2.69
sdW=360.9
fwW=2.71
sdS=791.5
fwS=2.53
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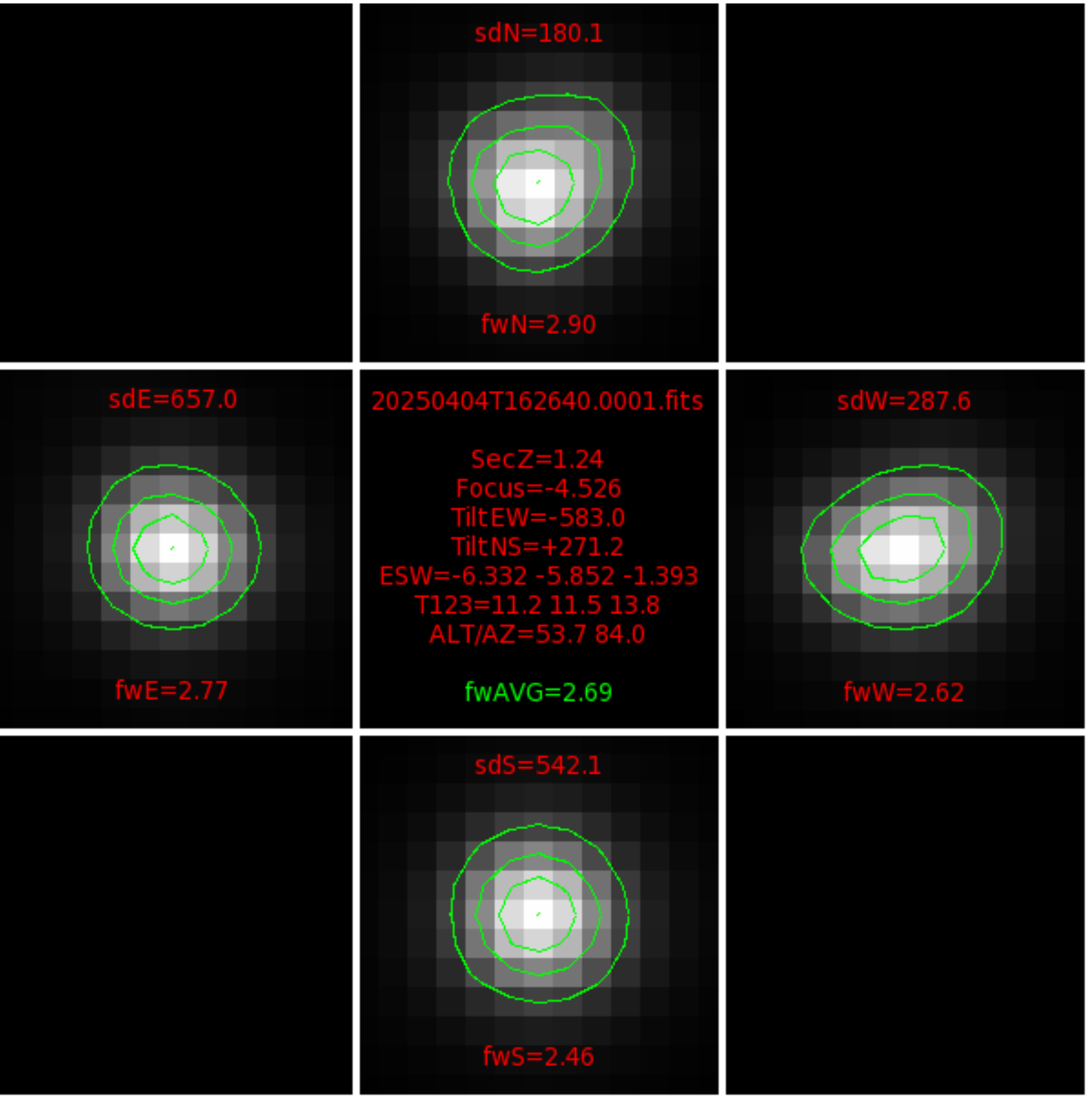
sdN=180.1
fwN=2.90
sdE=657.0
fwE=2.77
20250404T162640.0001.fits
SecZ=1.24
Focus=-4.526
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.332 -5.852 -1.393
T123=11.2 11.5 13.8
ALT/AZ=53.7 84.0
fwAVG=2.69
sdW=287.6
fwW=2.62
sdS=542.1
fwS=2.46
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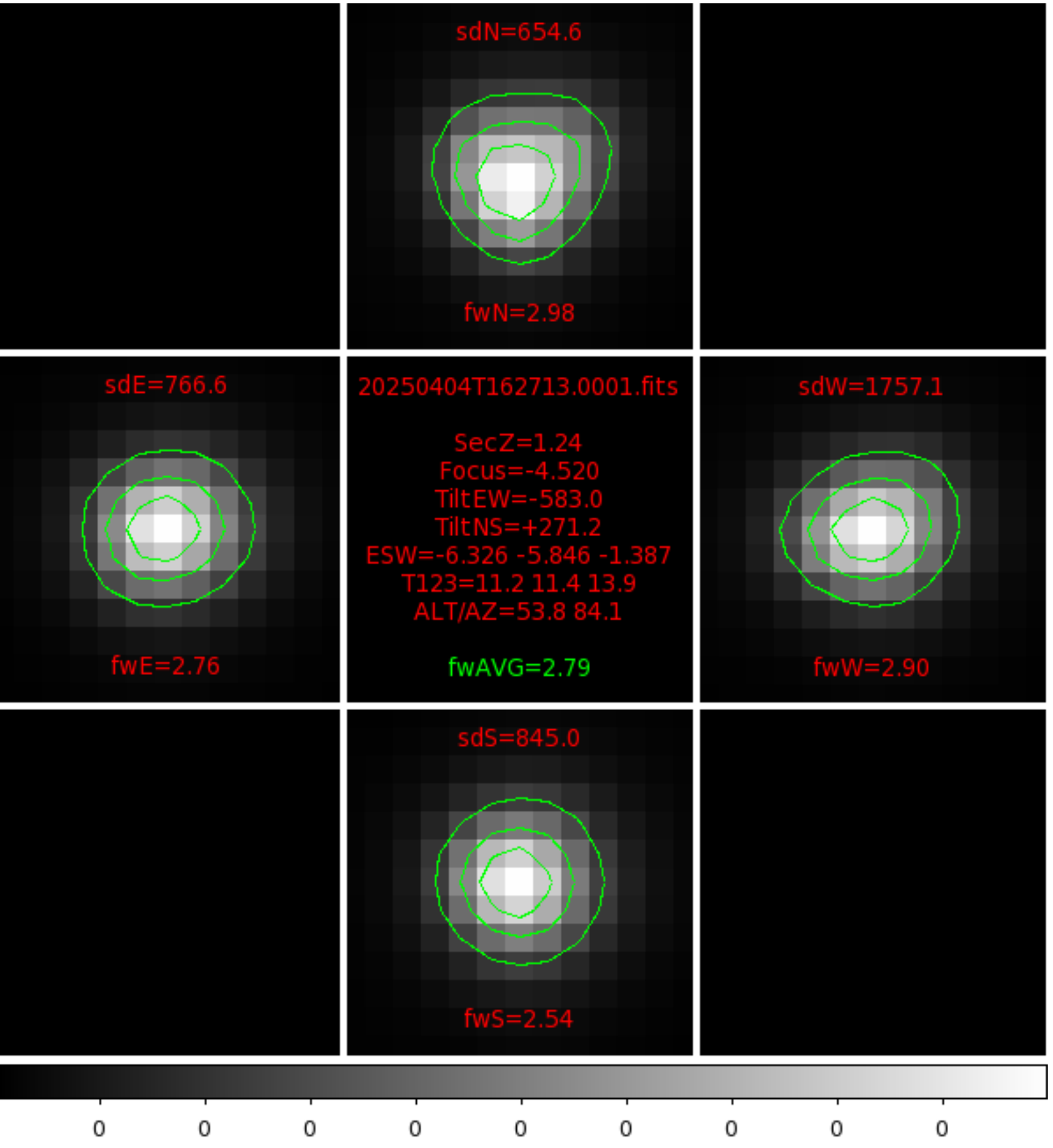
sdN=654.6
fwN=2.98
sdE=766.6
fwE=2.76
20250404T162713.0001.fits
SecZ=1.24
Focus=-4.520
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.326 -5.846 -1.387
T123=11.2 11.4 13.9
ALT/AZ=53.8 84.1
fwAVG=2.79
sdW=1757.1
fwW=2.90
sdS=845.0
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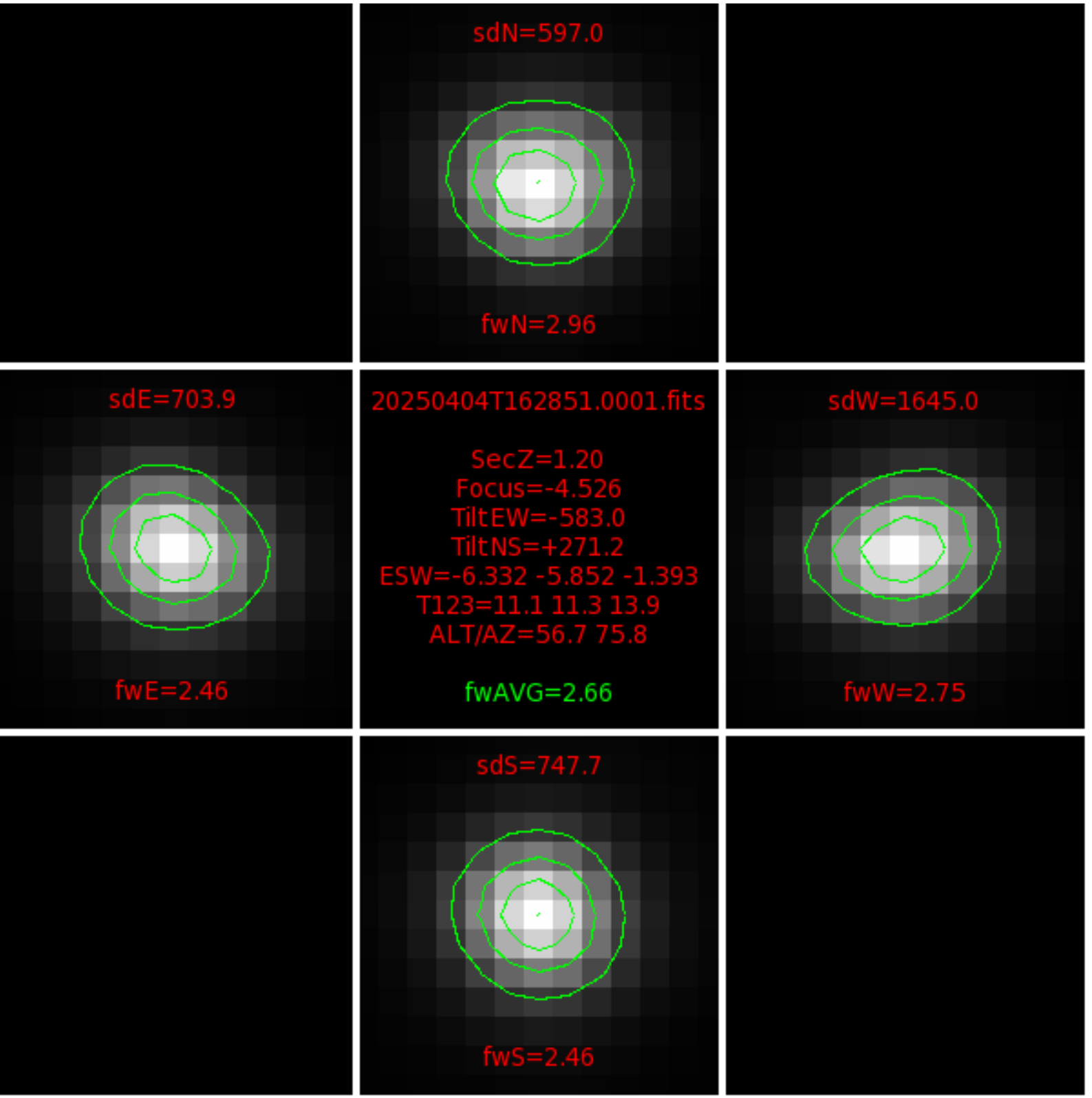
sdN=597.0
fwN=2.96
sdE=703.9
fwE=2.46
20250404T162851.0001.fits
SecZ=1.20
Focus=-4.526
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.332 -5.852 -1.393
T123=11.1 11.3 13.9
ALT/AZ=56.7 75.8
fwAVG=2.66
sdW=1645.0
fwW=2.75
sdS=747.7
fwS=2.46
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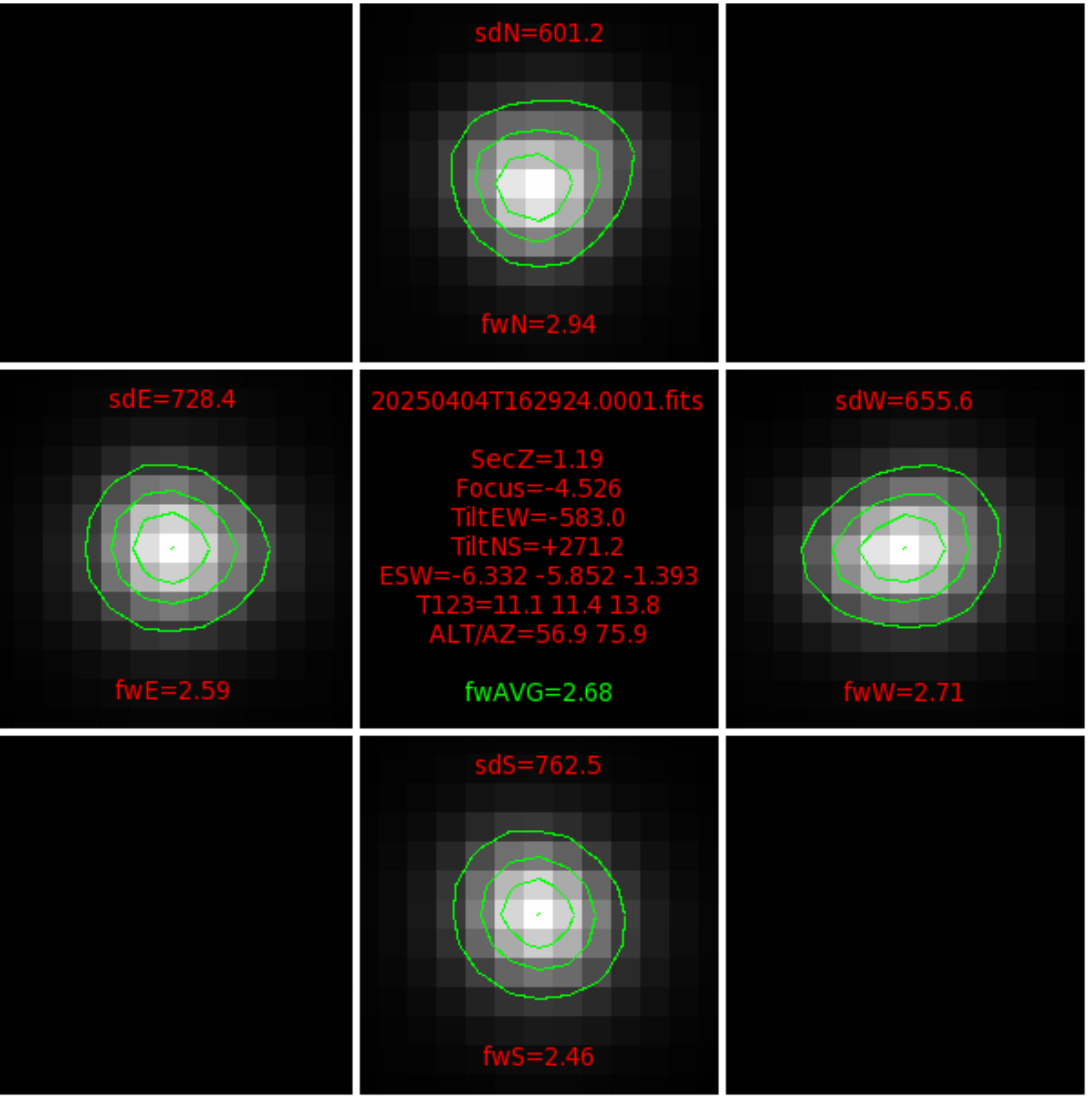
sdN=601.2
fwN=2.94
sdE=728.4
fwE=2.59
20250404T162924.0001.fits
SecZ=1.19
Focus=-4.526
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.332 -5.852 -1.393
T123=11.1 11.4 13.8
ALT/AZ=56.9 75.9
fwAVG=2.68
sdW=655.6
fwW=2.71
sdS=762.5
fwS=2.46
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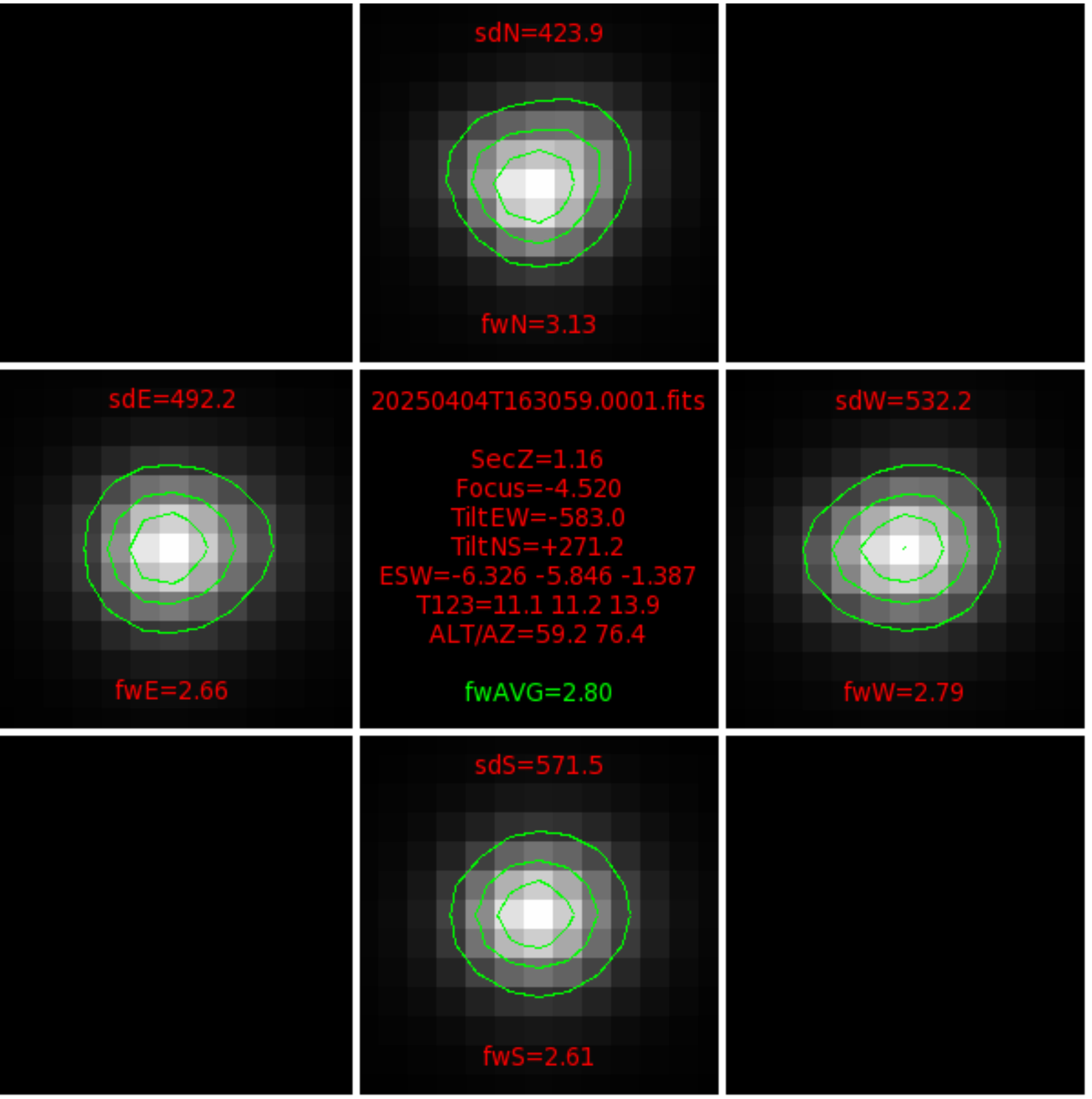
sdN=423.9
fwN=3.13
sdE=492.2
fwE=2.66
20250404T163059.0001.fits
SecZ=1.16
Focus=-4.520
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.326 -5.846 -1.387
T123=11.1 11.2 13.9
ALT/AZ=59.2 76.4
fwAVG=2.80
sdW=532.2
fwW=2.79
sdS=571.5
fwS=2.61
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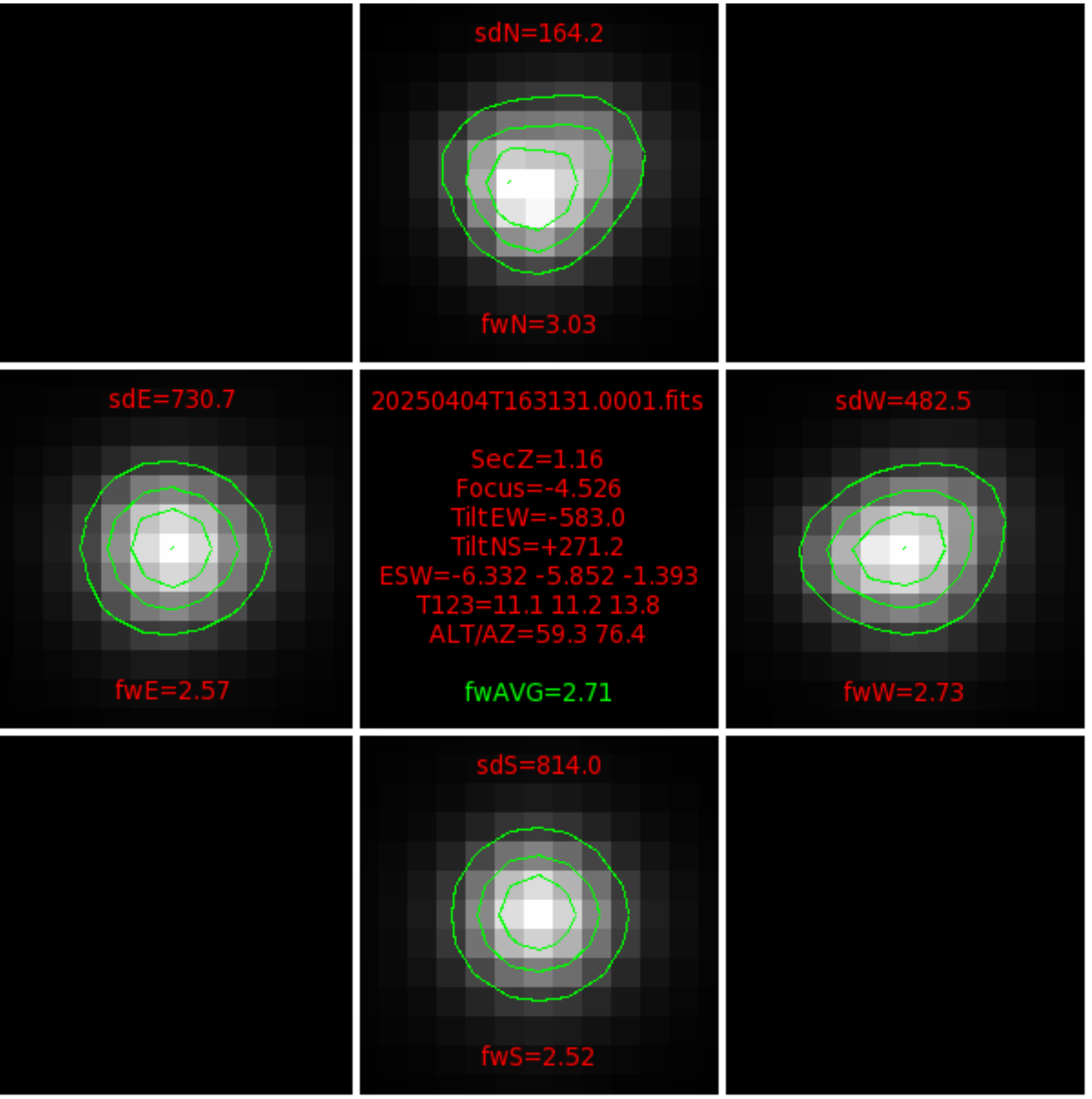
sdN=164.2
fwN=3.03
sdE=730.7
fwE=2.57
20250404T163131.0001.fits
SecZ=1.16
Focus=-4.526
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.332 -5.852 -1.393
T123=11.1 11.2 13.8
ALT/AZ=59.3 76.4
fwAVG=2.71
sdW=482.5
fwW=2.73
sdS=814.0
fwS=2.52
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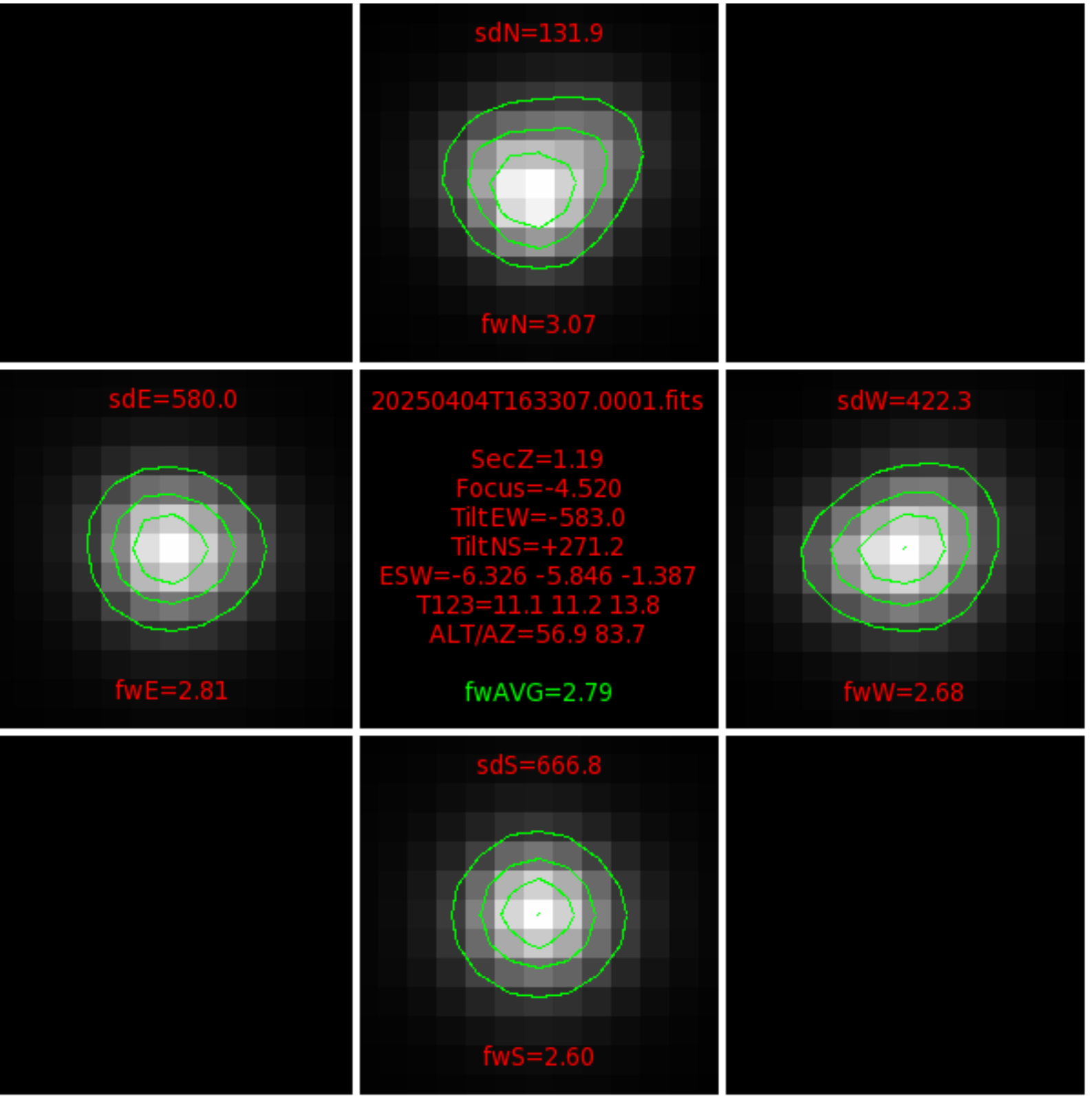
sdN=131.9
fwN=3.07
sdE=580.0
fwE=2.81
20250404T163307.0001.fits
SecZ=1.19
Focus=-4.520
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.326 -5.846 -1.387
T123=11.1 11.2 13.8
ALT/AZ=56.9 83.7
fwAVG=2.79
sdW=422.3
fwW=2.68
sdS=666.8
fwS=2.60
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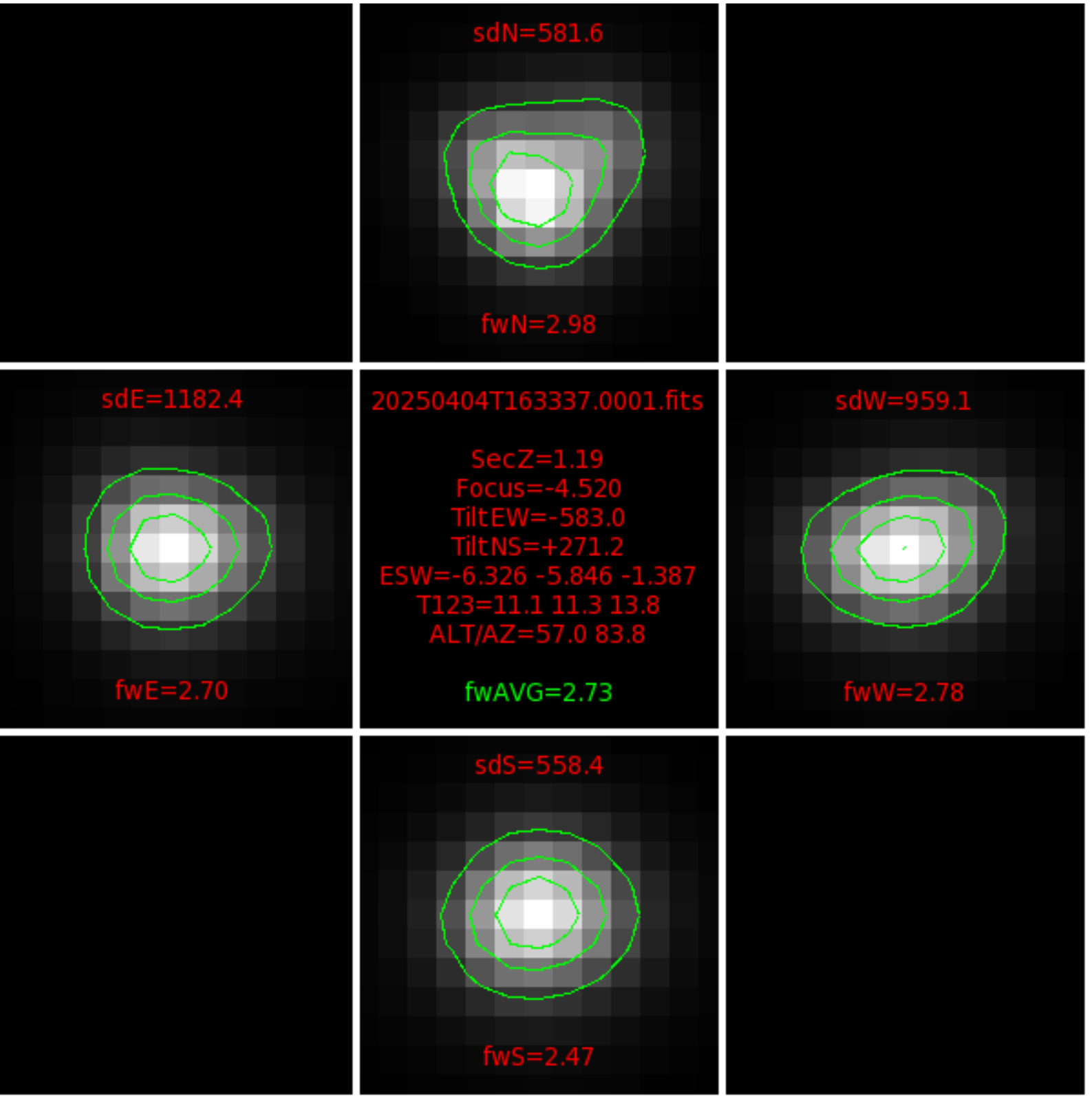
sdN=581.6
fwN=2.98
sdE=1182.4
fwE=2.70
20250404T163337.0001.fits
SecZ=1.19
Focus=-4.520
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.326 -5.846 -1.387
T123=11.1 11.3 13.8
ALT/AZ=57.0 83.8
fwAVG=2.73
sdW=959.1
fwW=2.78
sdS=558.4
fwS=2.47
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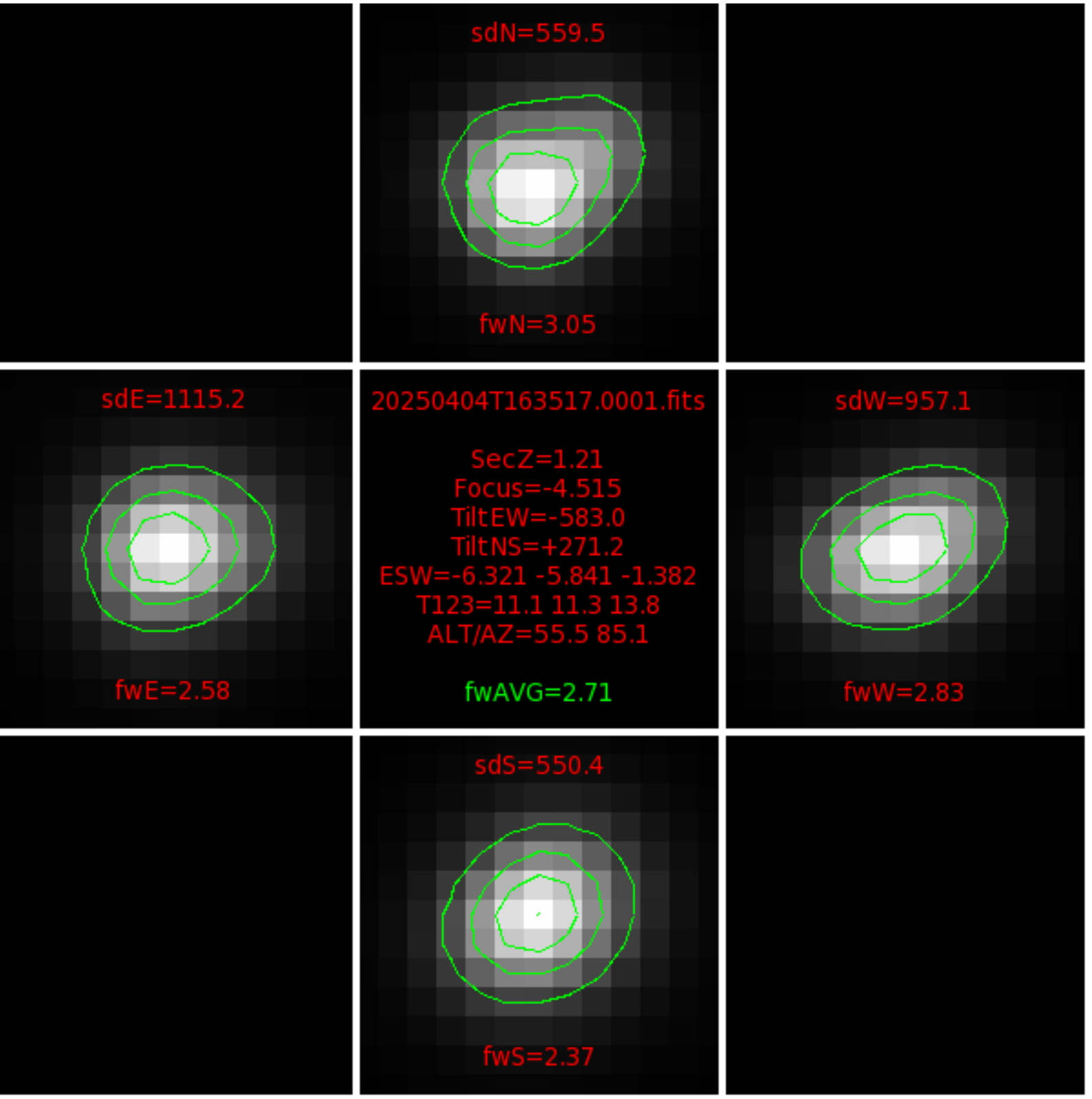
sdN=559.5
fwN=3.05
sdE=1115.2
fwE=2.58
20250404T163517.0001.fits
SecZ=1.21
Focus=-4.515
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.321 -5.841 -1.382
T123=11.1 11.3 13.8
ALT/AZ=55.5 85.1
fwAVG=2.71
sdW=957.1
fwW=2.83
sdS=550.4
fwS=2.37
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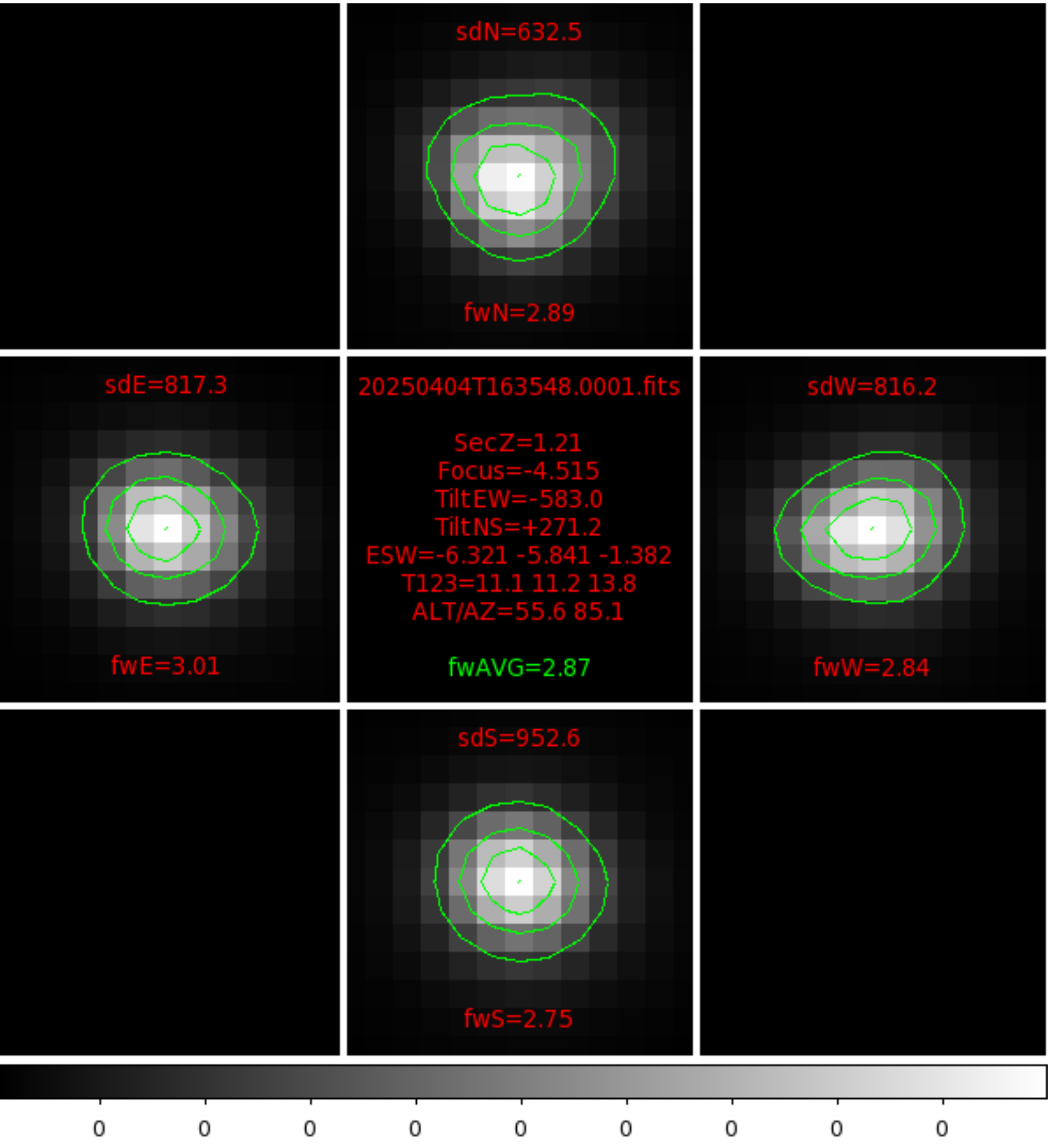
sdN=632.5
fwN=2.89
sdE=817.3
fwE=3.01
20250404T163548.0001.fits
SecZ=1.21
Focus=-4.515
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.321 -5.841 -1.382
T123=11.1 11.2 13.8
ALT/AZ=55.6 85.1
fwAVG=2.87
sdW=816.2
fwW=2.84
sdS=952.6
fwS=2.75
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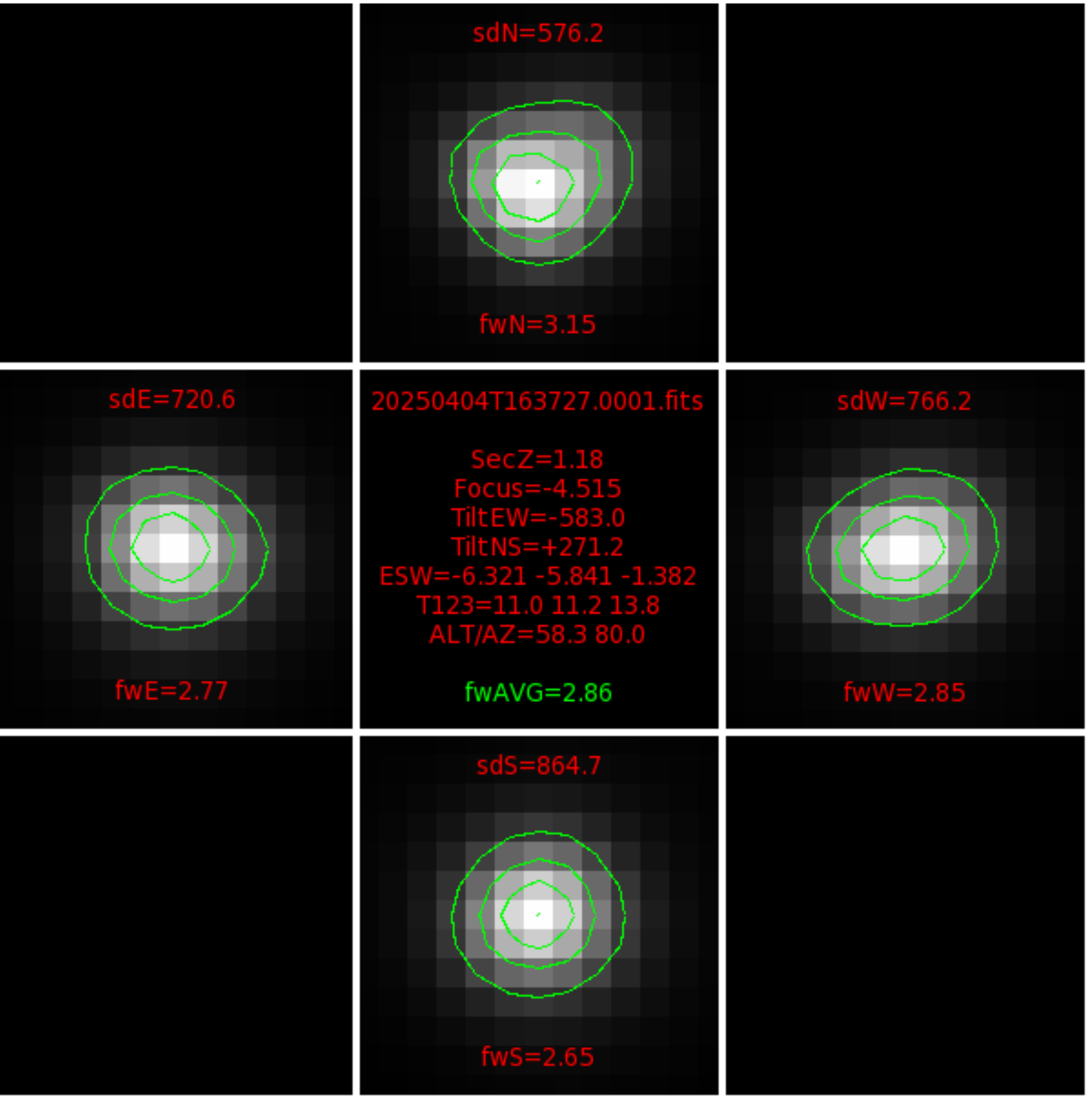
sdN=576.2
fwN=3.15
sdE=720.6
fwE=2.77
20250404T163727.0001.fits
SecZ=1.18
Focus=-4.515
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.321 -5.841 -1.382
T123=11.0 11.2 13.8
ALT/AZ=58.3 80.0
fwAVG=2.86
sdW=766.2
fwW=2.85
sdS=864.7
fwS=2.65
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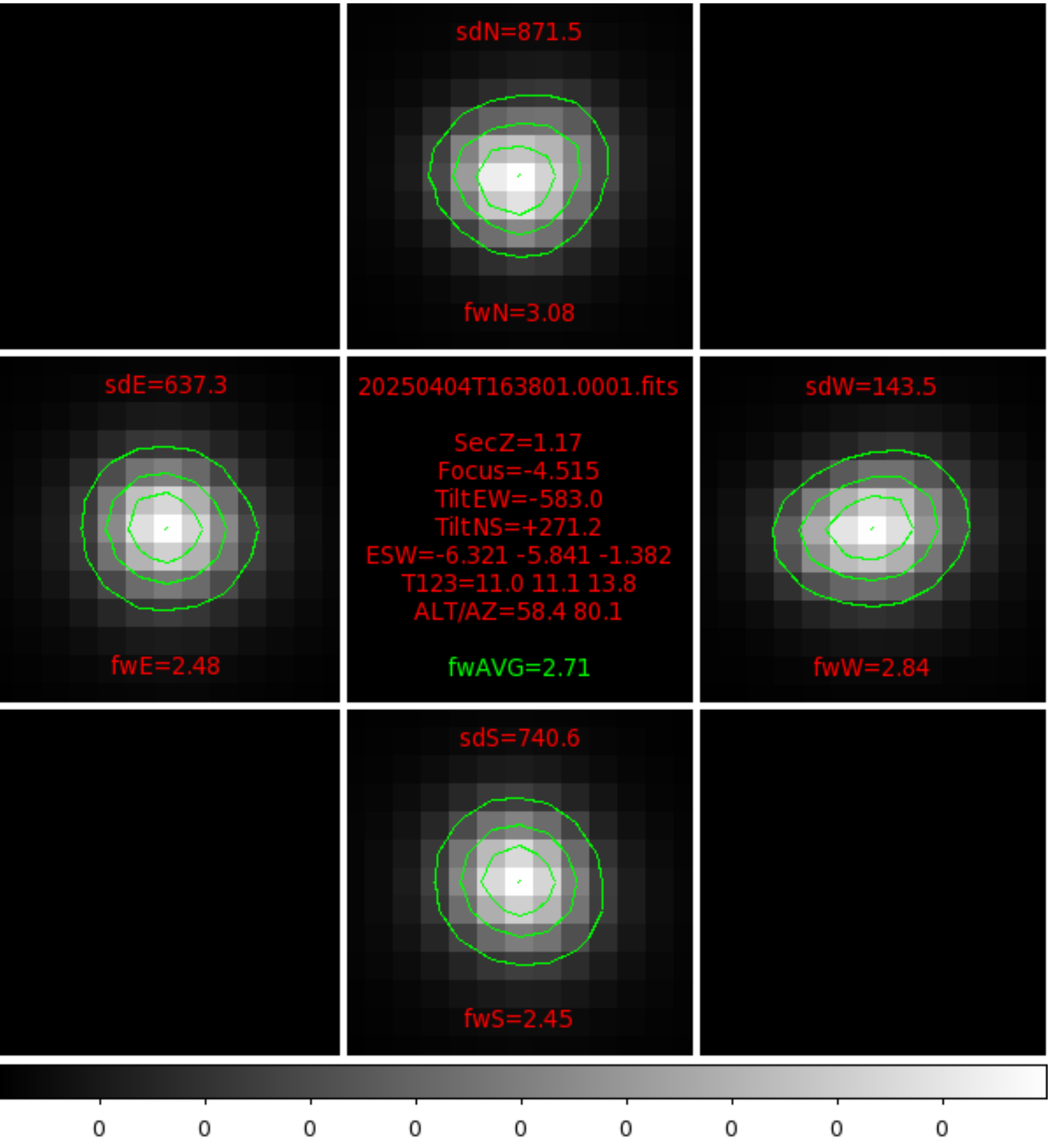
sdN=871.5
fwN=3.08
sdE=637.3
fwE=2.48
20250404T163801.0001.fits
SecZ=1.17
Focus=-4.515
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.321 -5.841 -1.382
T123=11.0 11.1 13.8
ALT/AZ=58.4 80.1
fwAVG=2.71
sdW=143.5
fwW=2.84
sdS=740.6
fwS=2.45
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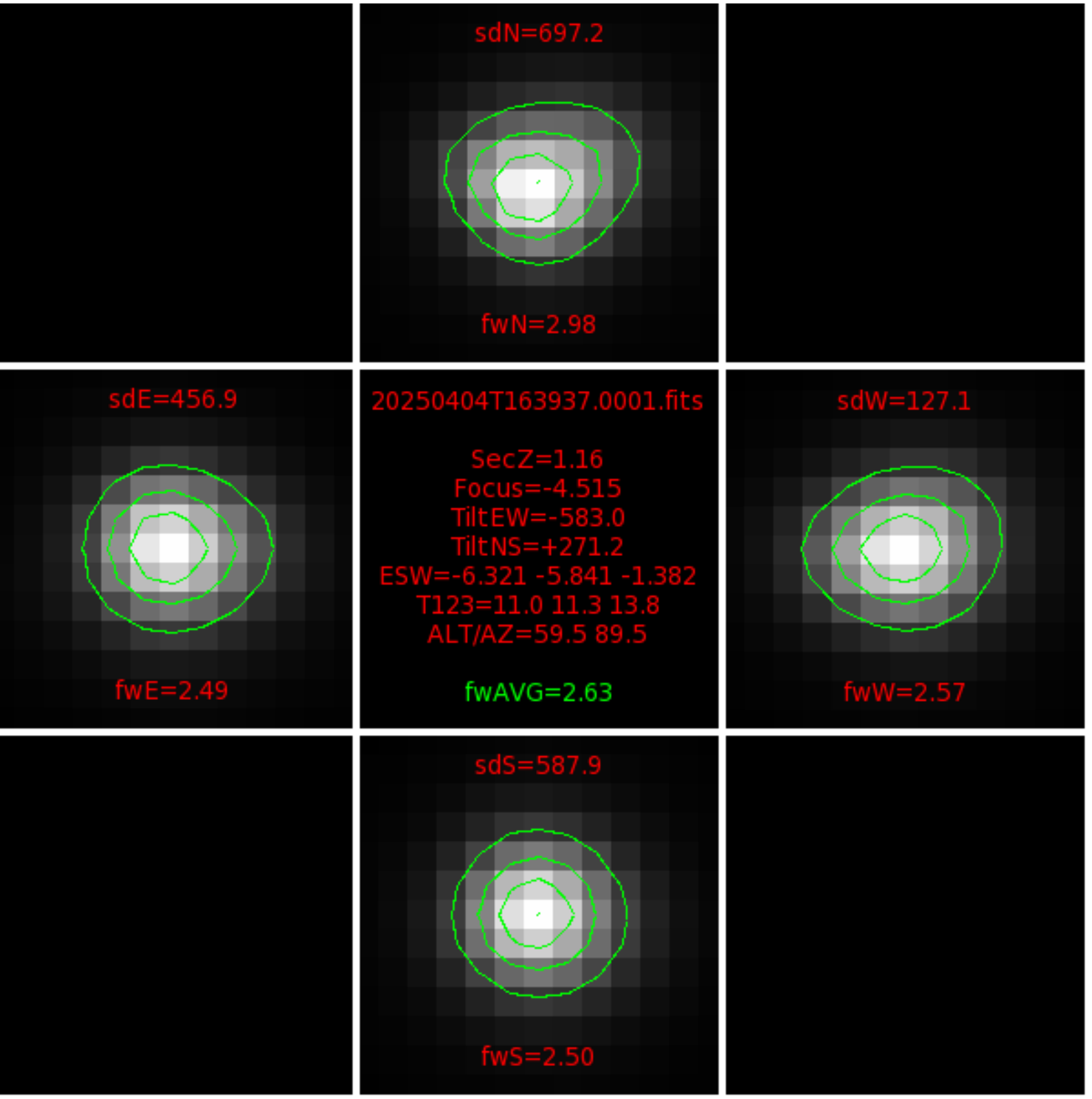
sdN=697.2
fwN=2.98
sdE=456.9
fwE=2.49
20250404T163937.0001.fits
SecZ=1.16
Focus=-4.515
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.321 -5.841 -1.382
T123=11.0 11.3 13.8
ALT/AZ=59.5 89.5
fwAVG=2.63
sdW=127.1
fwW=2.57
sdS=587.9
fwS=2.50
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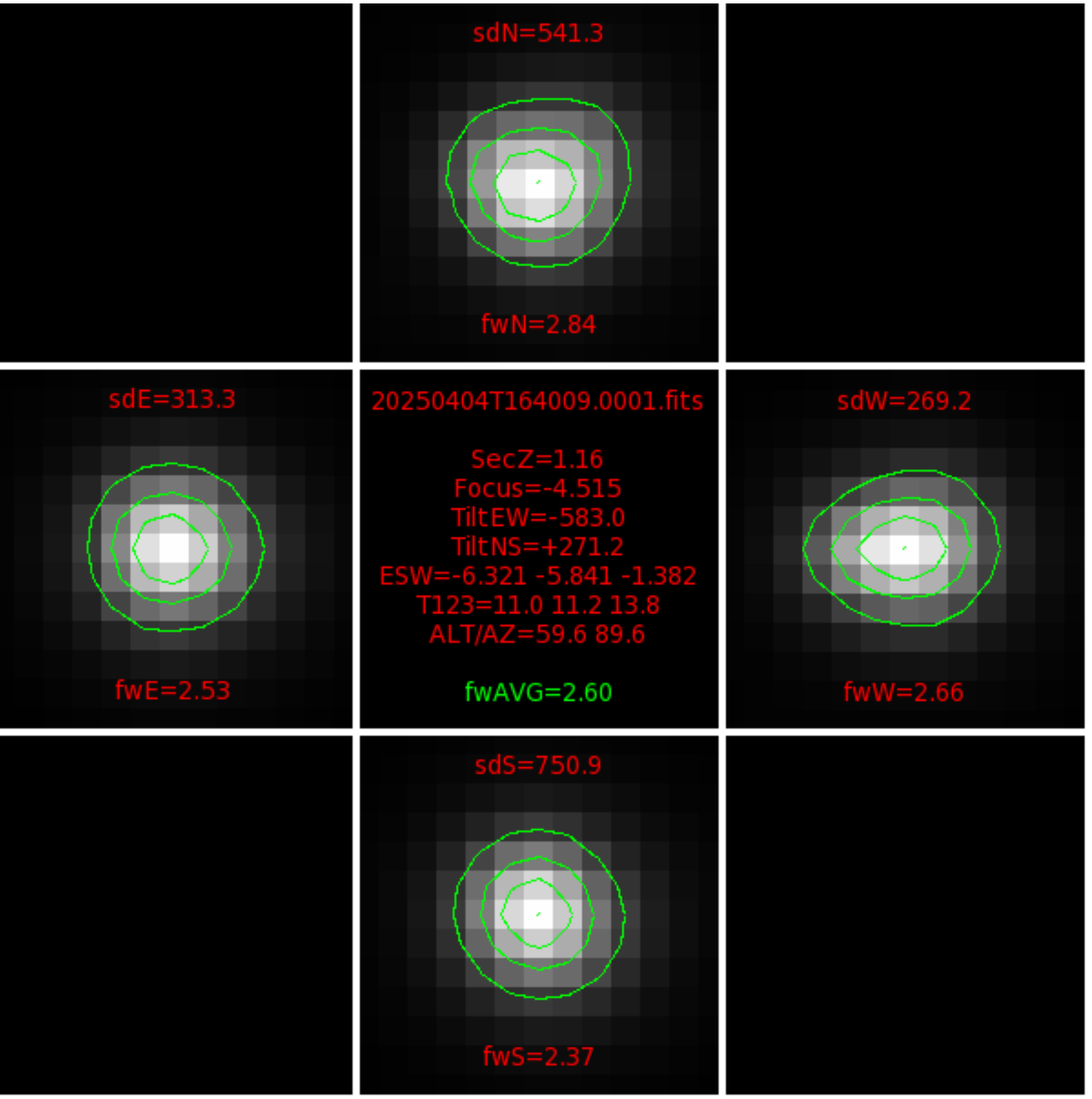
sdN=541.3
fwN=2.84
sdE=313.3
fwE=2.53
20250404T164009.0001.fits
SecZ=1.16
Focus=-4.515
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.321 -5.841 -1.382
T123=11.0 11.2 13.8
ALT/AZ=59.6 89.6
fwAVG=2.60
sdW=269.2
fwW=2.66
sdS=750.9
fwS=2.37
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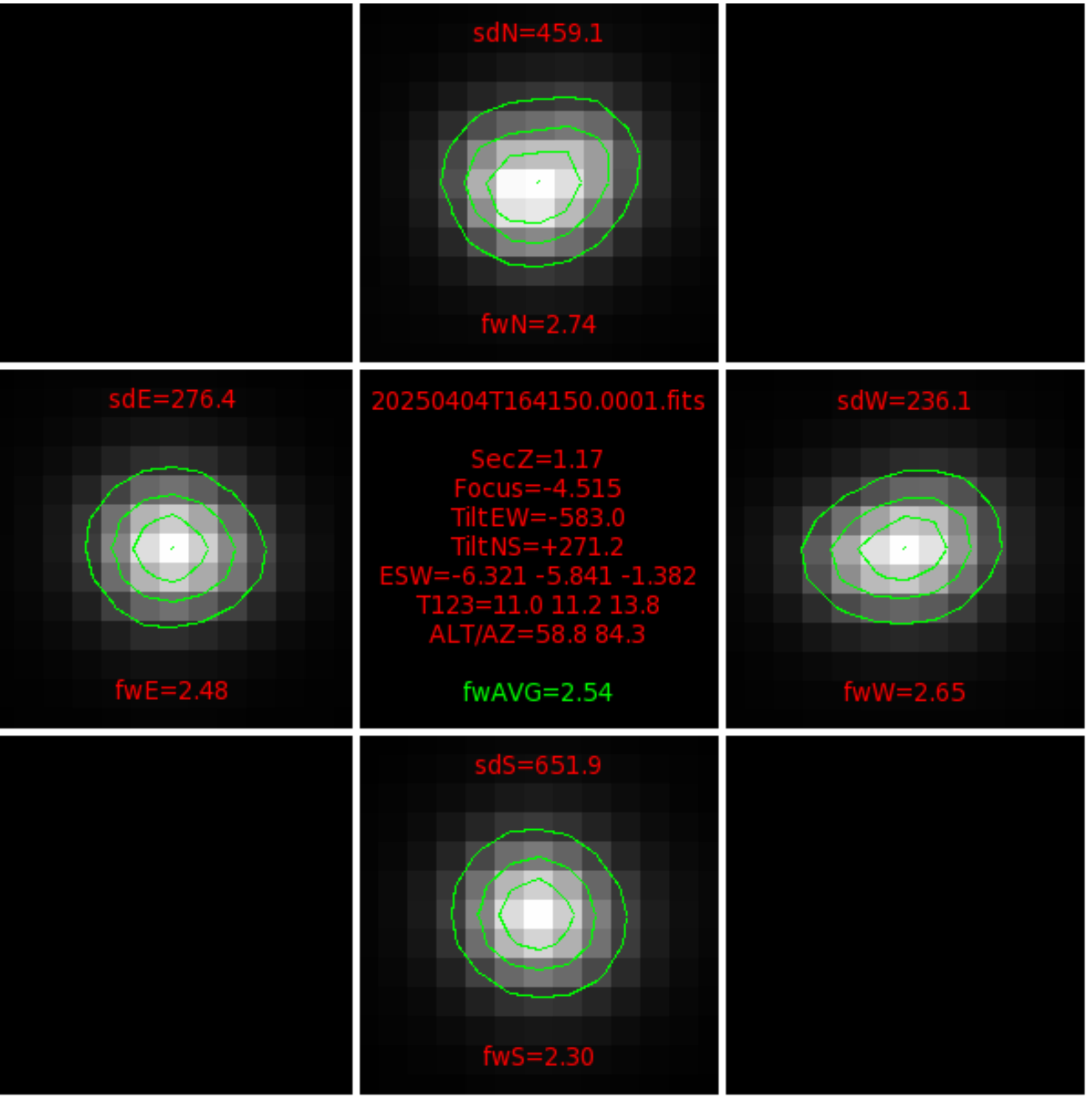
sdN=459.1
fwN=2.74
sdE=276.4
fwE=2.48
20250404T164150.0001.fits
SecZ=1.17
Focus=-4.515
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.321 -5.841 -1.382
T123=11.0 11.2 13.8
ALT/AZ=58.8 84.3
fwAVG=2.54
sdW=236.1
fwW=2.65
sdS=651.9
fwS=2.30
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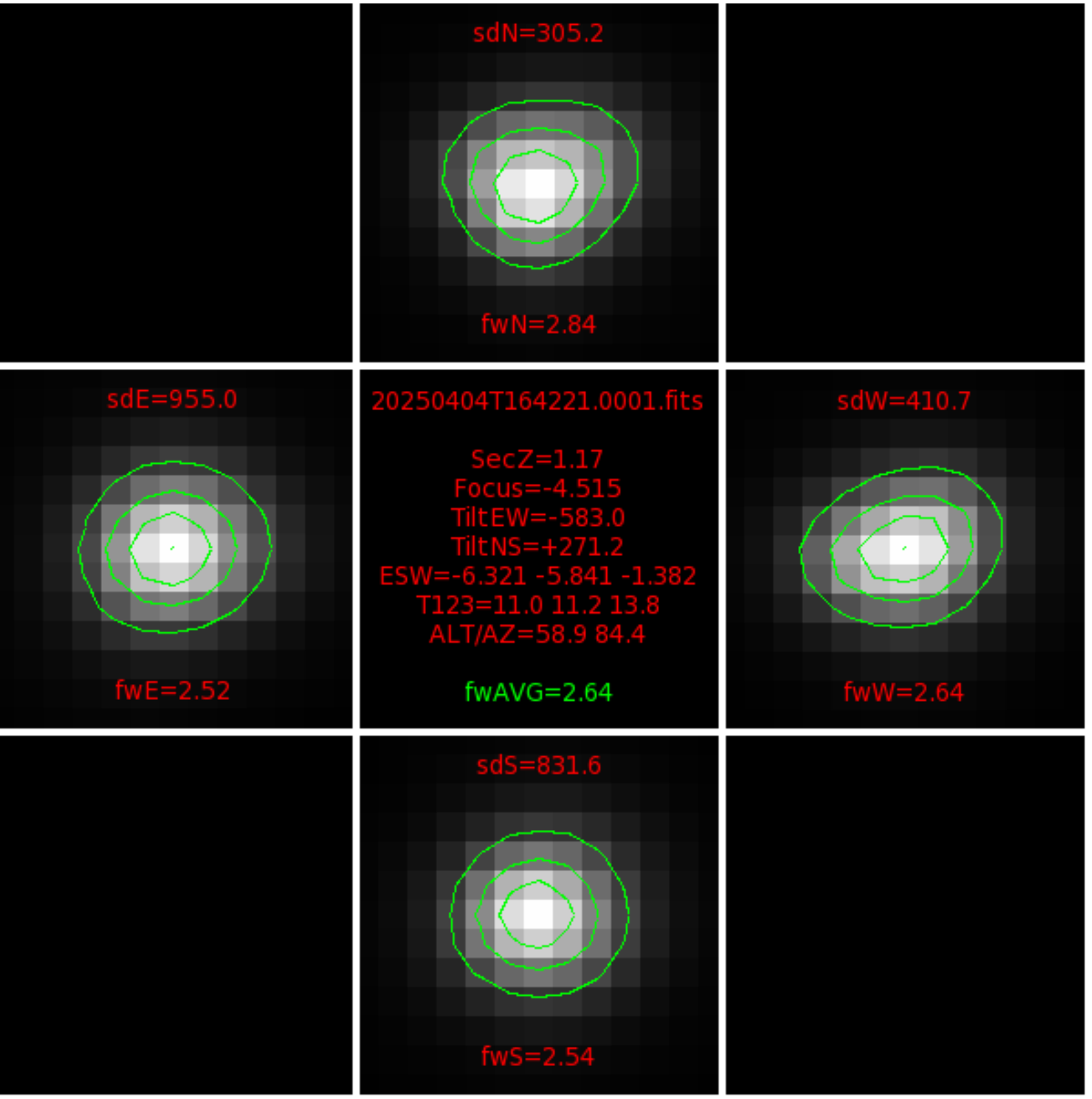
sdN=305.2
fwN=2.84
sdE=955.0
fwE=2.52
20250404T164221.0001.fits
SecZ=1.17
Focus=-4.515
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.321 -5.841 -1.382
T123=11.0 11.2 13.8
ALT/AZ=58.9 84.4
fwAVG=2.64
sdW=410.7
fwW=2.64
sdS=831.6
fwS=2.54
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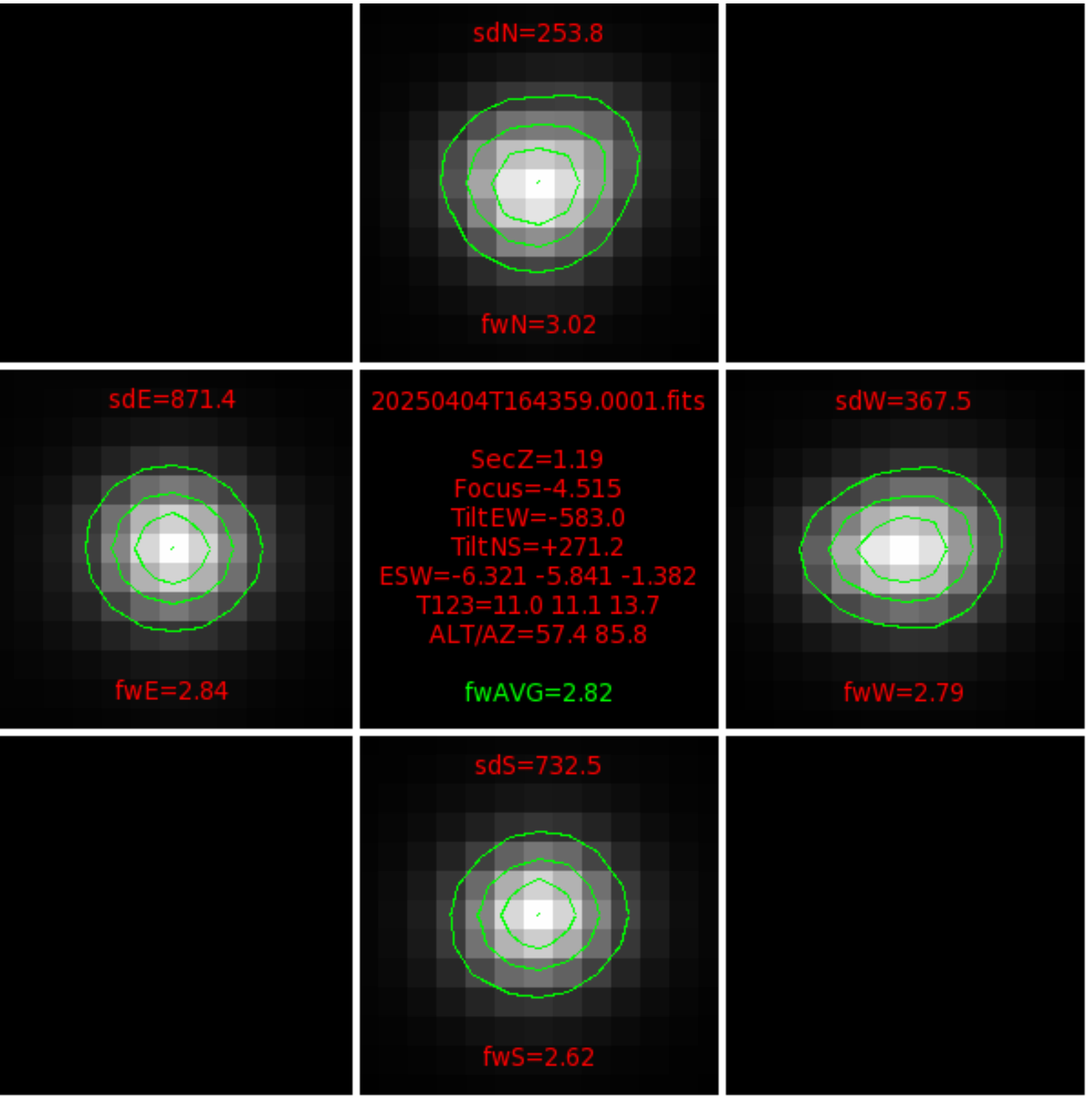
sdN=253.8
fwN=3.02
sdE=871.4
fwE=2.84
20250404T164359.0001.fits
SecZ=1.19
Focus=-4.515
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.321 -5.841 -1.382
T123=11.0 11.1 13.7
ALT/AZ=57.4 85.8
fwAVG=2.82
sdW=367.5
fwW=2.79
sdS=732.5
fwS=2.62
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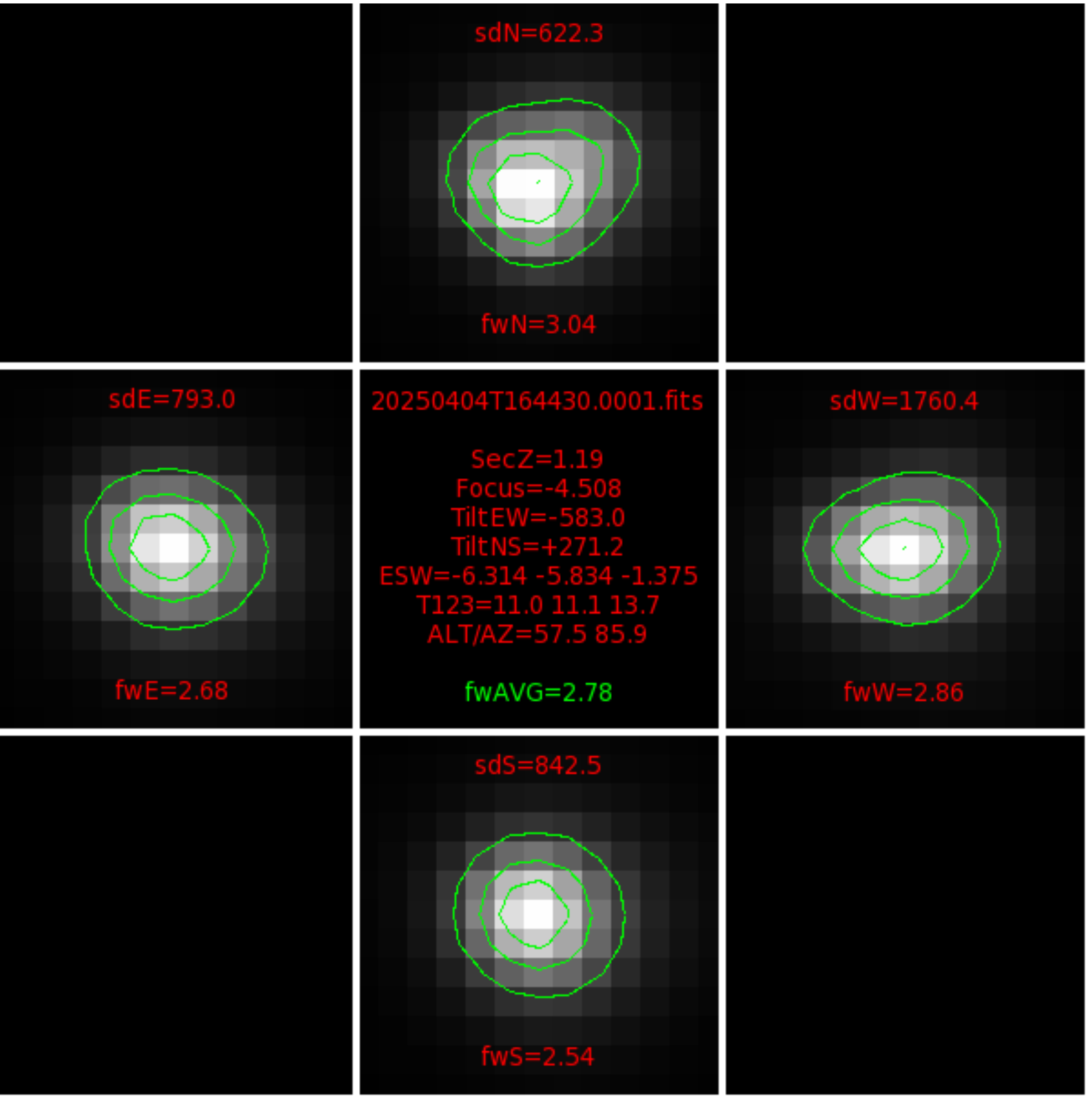
sdN=622.3
fwN=3.04
sdE=793.0
fwE=2.68
20250404T164430.0001.fits
SecZ=1.19
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=11.0 11.1 13.7
ALT/AZ=57.5 85.9
fwAVG=2.78
sdW=1760.4
fwW=2.86
sdS=842.5
fwS=2.54
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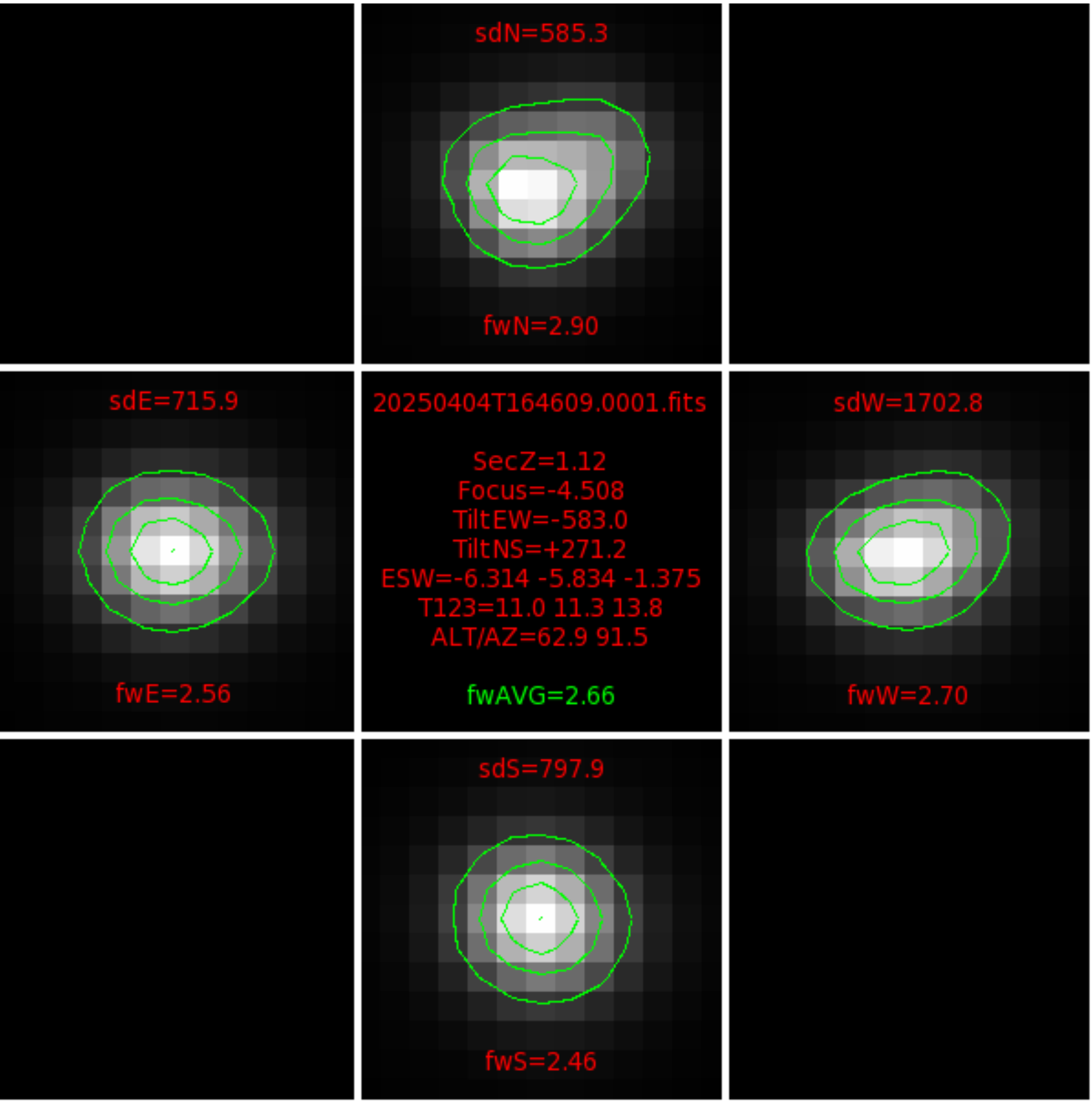
sdN=585.3
fwN=2.90
sdE=715.9
fwE=2.56
20250404T164609.0001.fits
SecZ=1.12
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=11.0 11.3 13.8
ALT/AZ=62.9 91.5
fwAVG=2.66
sdW=1702.8
fwW=2.70
sdS=797.9
fwS=2.46
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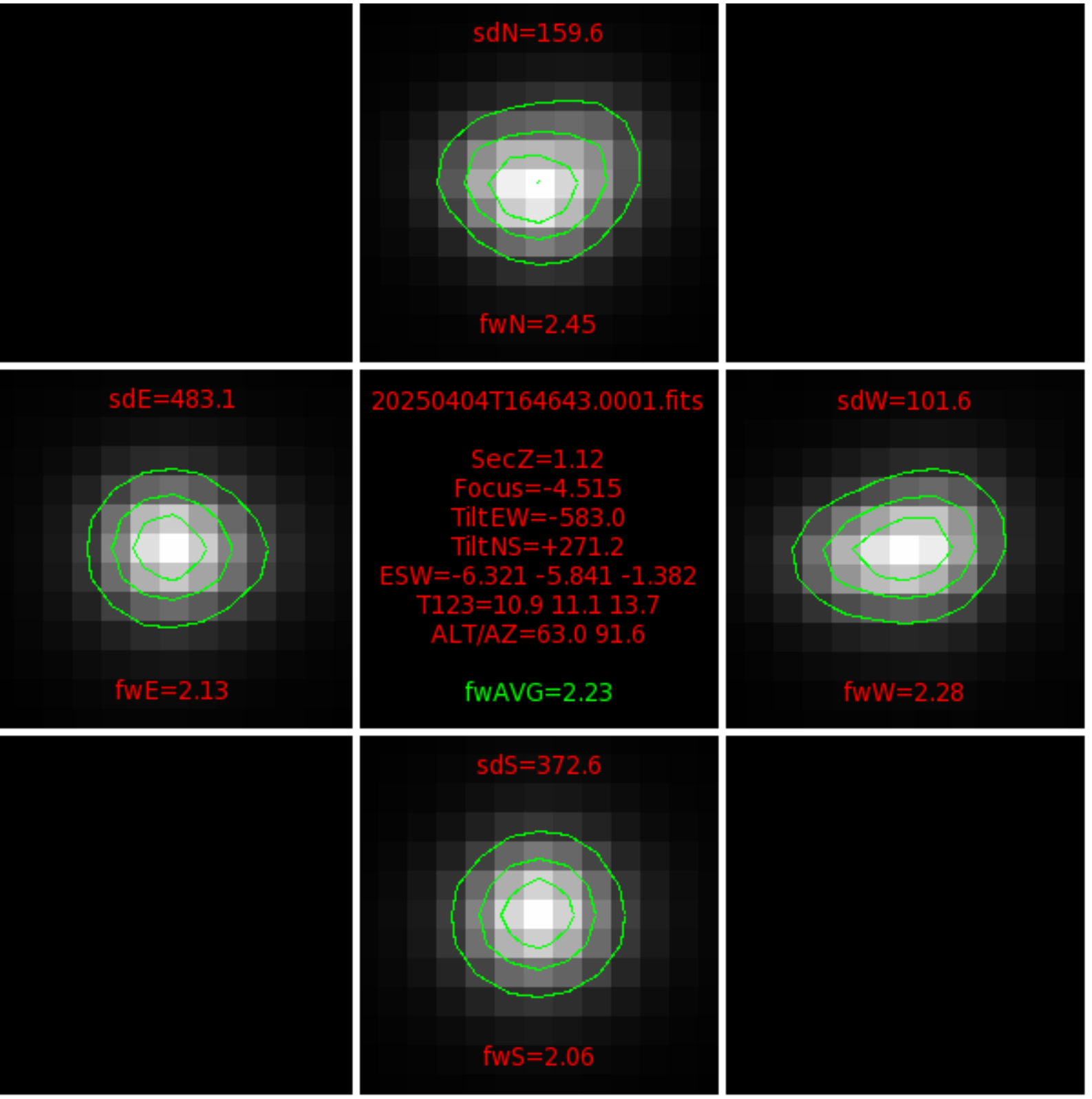
sdN=159.6
fwN=2.45
sdE=483.1
fwE=2.13
20250404T164643.0001.fits
SecZ=1.12
Focus=-4.515
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.321 -5.841 -1.382
T123=10.9 11.1 13.7
ALT/AZ=63.0 91.6
fwAVG=2.23
sdW=101.6
fwW=2.28
sdS=372.6
fwS=2.06
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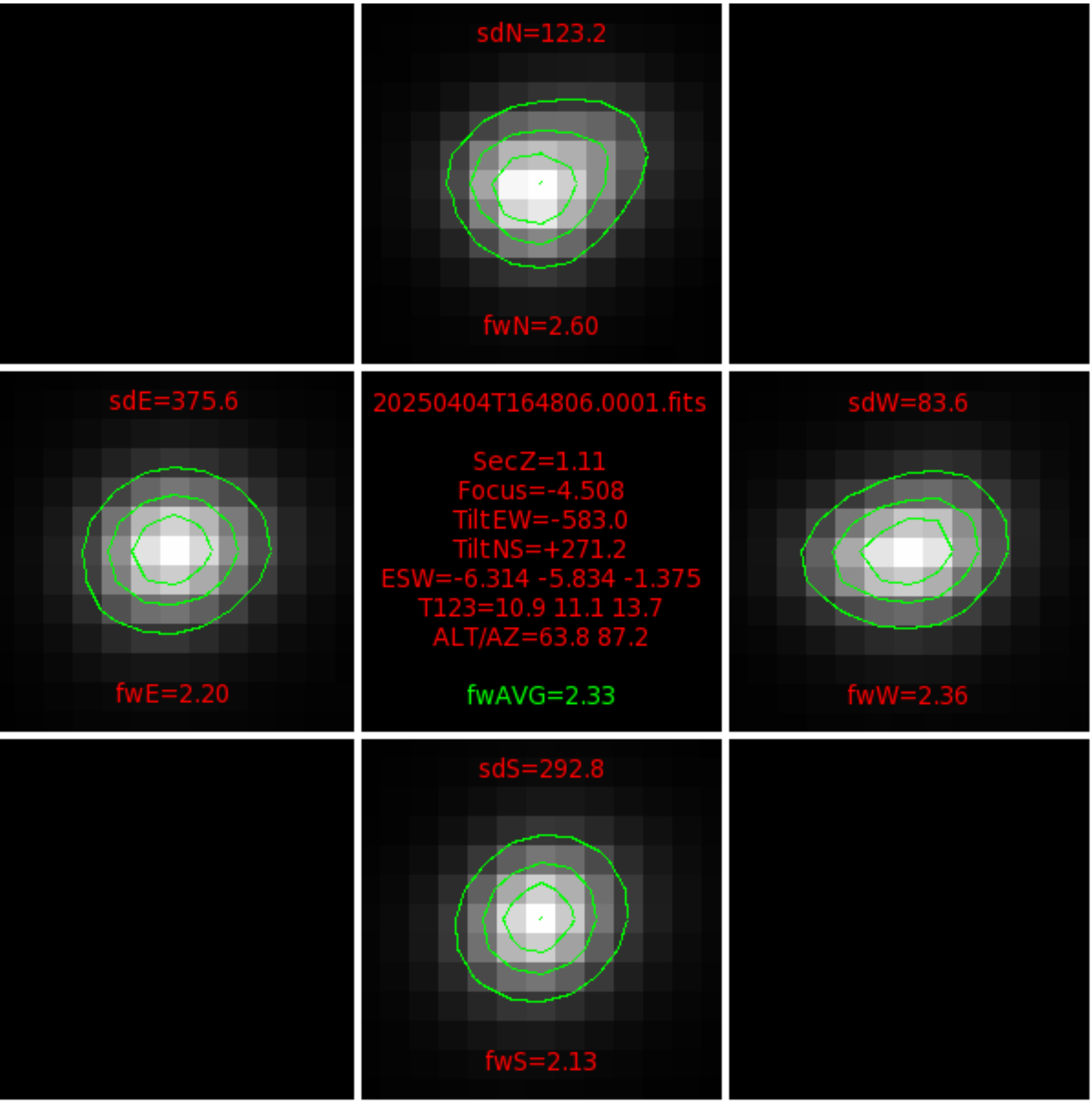
sdN=123.2
fwN=2.60
sdE=375.6
fwE=2.20
20250404T164806.0001.fits
SecZ=1.11
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.9 11.1 13.7
ALT/AZ=63.8 87.2
fwAVG=2.33
sdW=83.6
fwW=2.36
sdS=292.8
fwS=2.13
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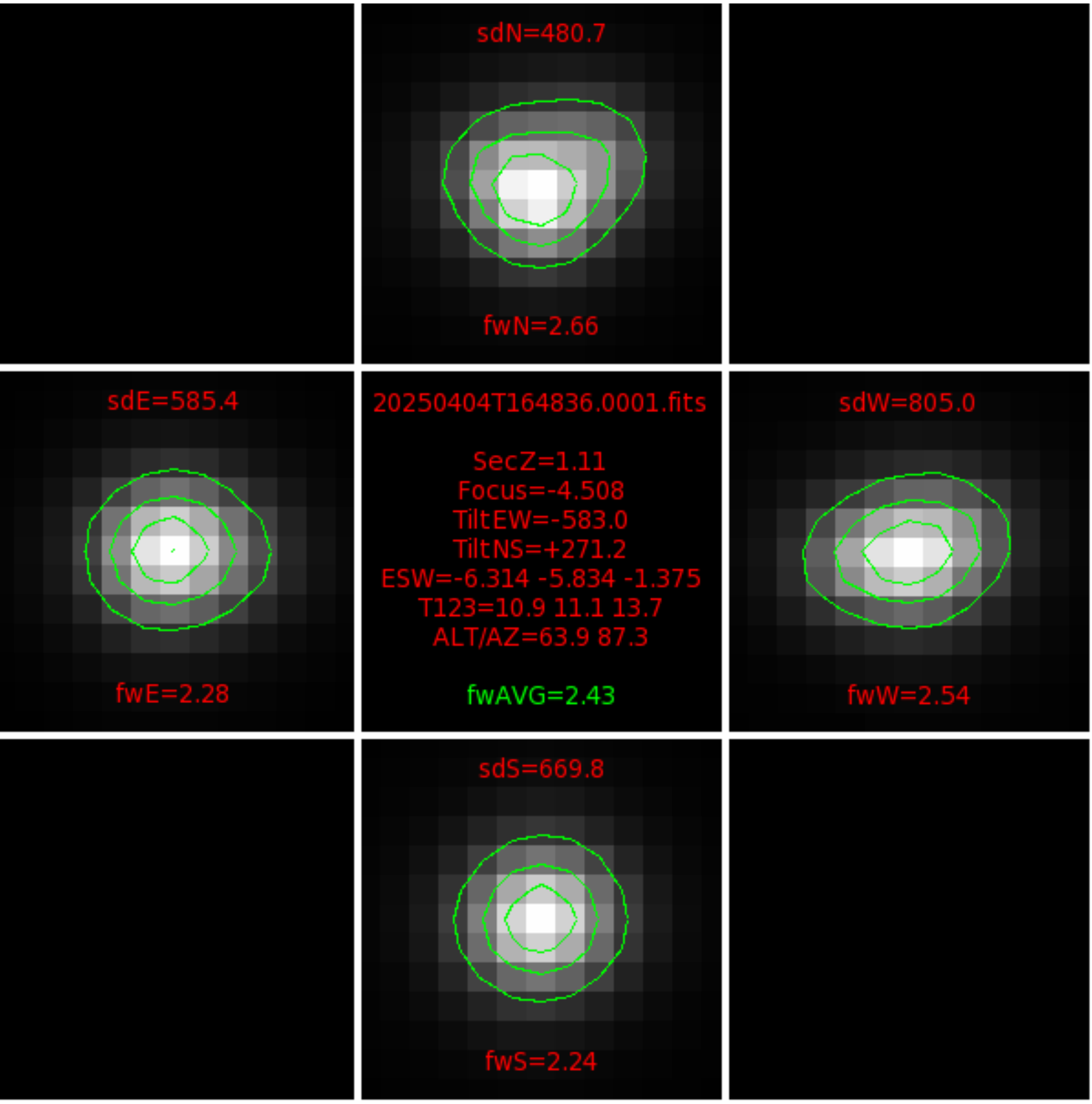
sdN=480.7
fwN=2.66
sdE=585.4
fwE=2.28
20250404T164836.0001.fits
SecZ=1.11
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.9 11.1 13.7
ALT/AZ=63.9 87.3
fwAVG=2.43
sdW=805.0
fwW=2.54
sdS=669.8
fwS=2.24
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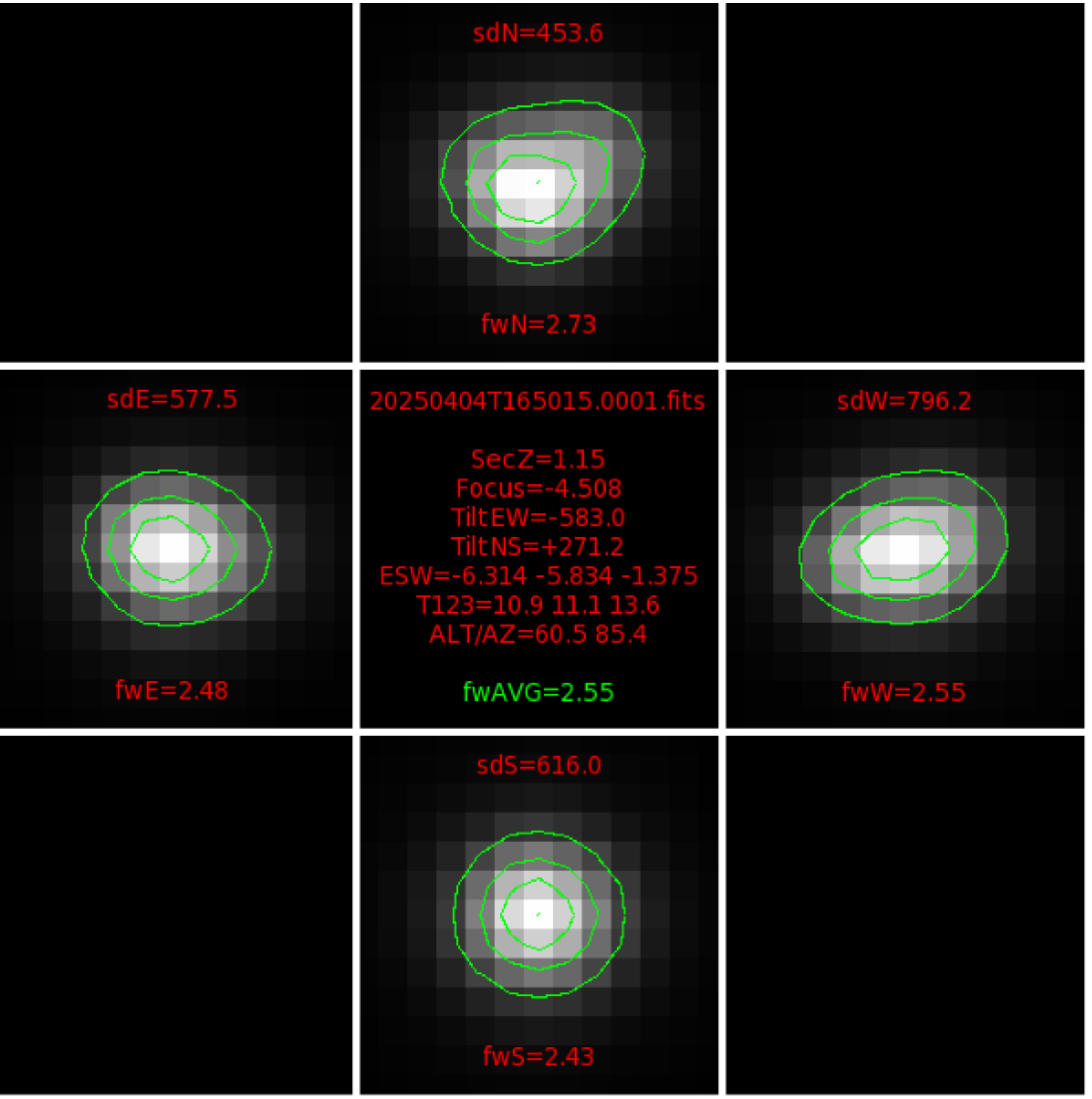
sdN=453.6
fwN=2.73
sdE=577.5
fwE=2.48
20250404T165015.0001.fits
SecZ=1.15
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.9 11.1 13.6
ALT/AZ=60.5 85.4
fwAVG=2.55
sdW=796.2
fwW=2.55
sdS=616.0
fwS=2.43
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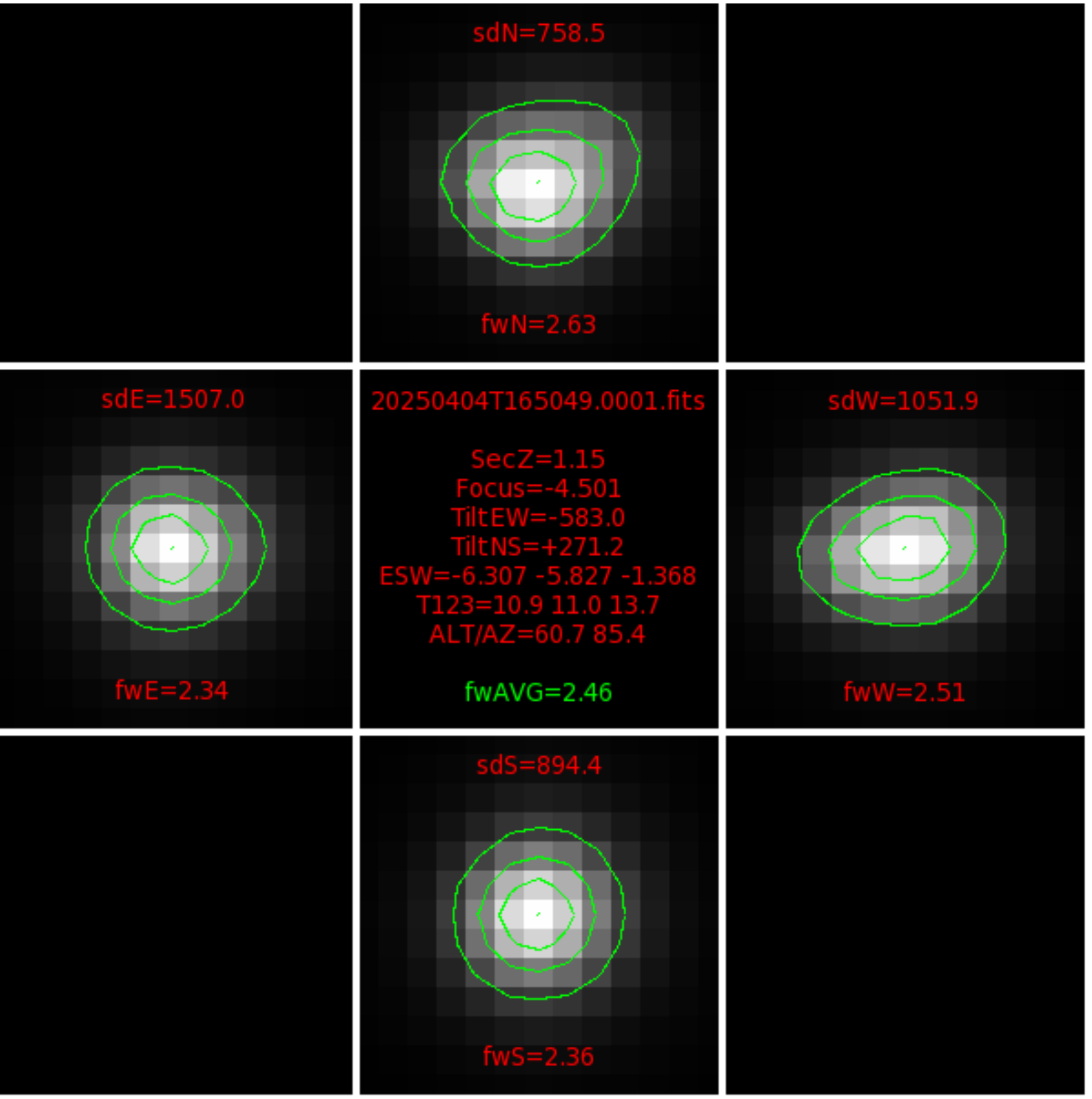
sdN=758.5
fwN=2.63
sdE=1507.0
fwE=2.34
20250404T165049.0001.fits
SecZ=1.15
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.9 11.0 13.7
ALT/AZ=60.7 85.4
fwAVG=2.46
sdW=1051.9
fwW=2.51
sdS=894.4
fwS=2.36
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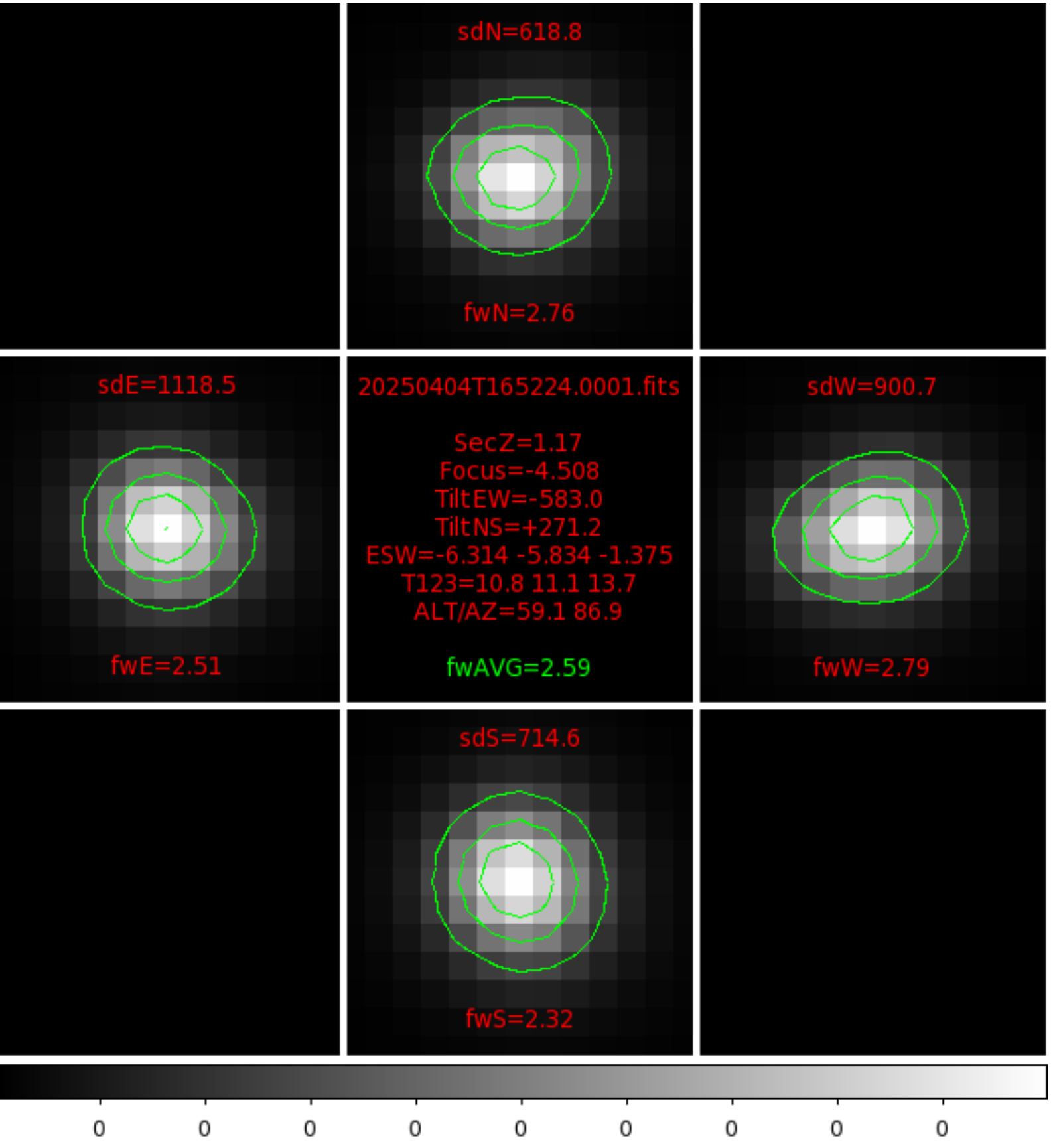
sdN=618.8
fwN=2.76
sdE=1118.5
fwE=2.51
20250404T165224.0001.fits
SecZ=1.17
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.8 11.1 13.7
ALT/AZ=59.1 86.9
fwAVG=2.59
sdW=900.7
fwW=2.79
sdS=714.6
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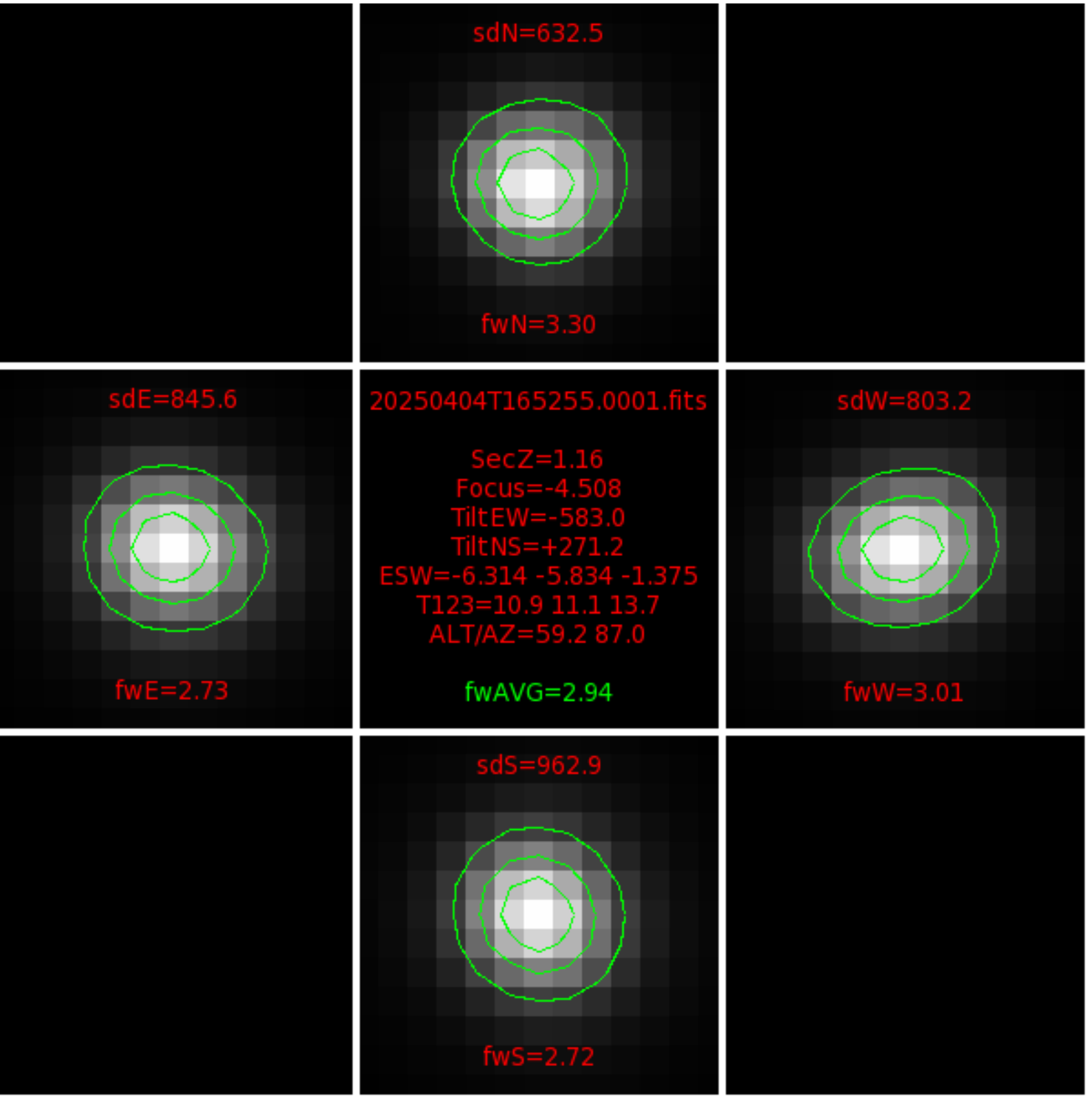
sdN=632.5
fwN=3.30
sdE=845.6
fwE=2.73
20250404T165255.0001.fits
SecZ=1.16
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.9 11.1 13.7
ALT/AZ=59.2 87.0
fwAVG=2.94
sdW=803.2
fwW=3.01
sdS=962.9
fwS=2.72
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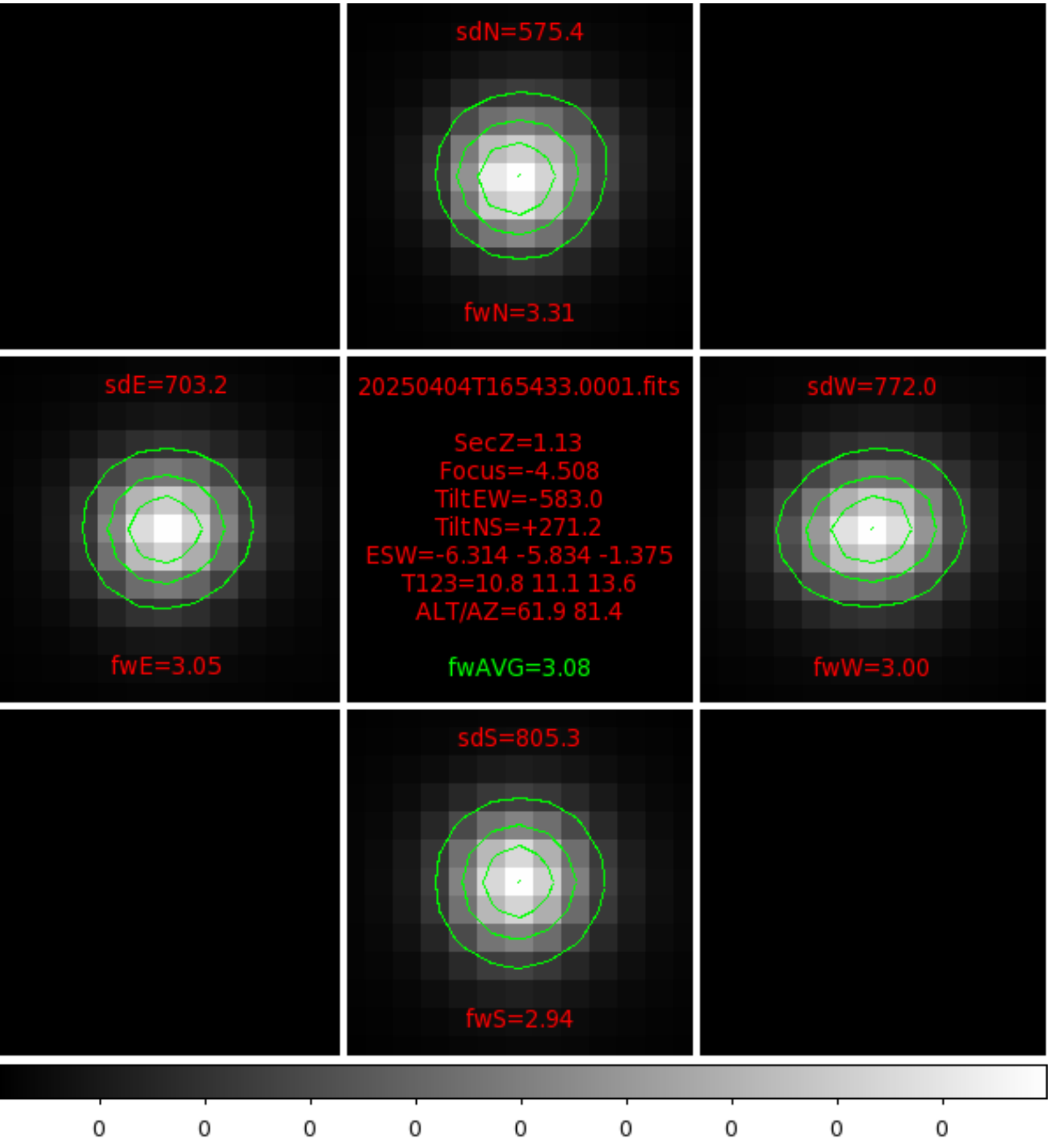
sdN=575.4
fwN=3.31
sdE=703.2
fwE=3.05
20250404T165433.0001.fits
SecZ=1.13
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.8 11.1 13.6
ALT/AZ=61.9 81.4
fwAVG=3.08
sdW=772.0
fwW=3.00
sdS=805.3
fwS=2.94
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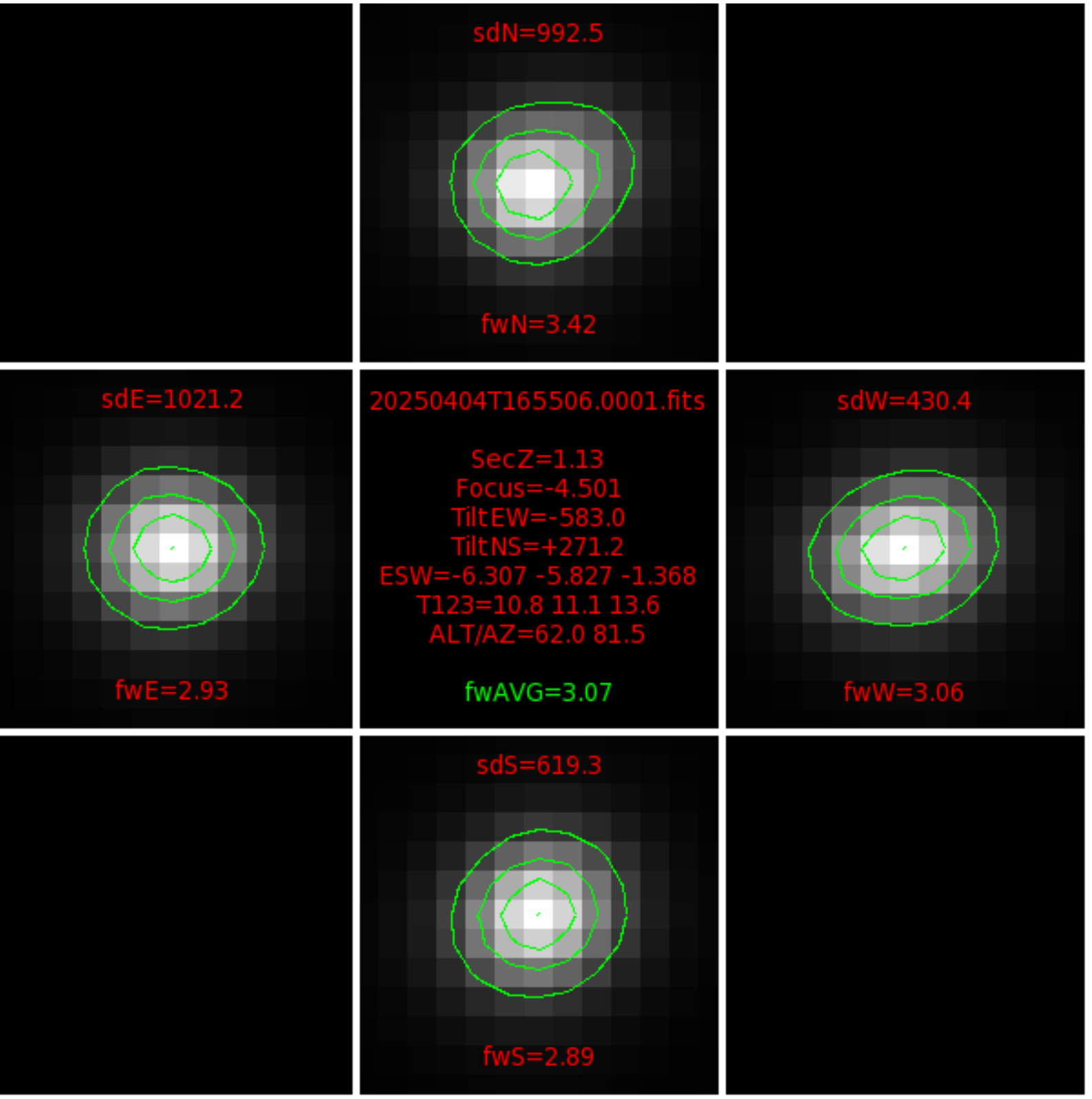
sdN=992.5
fwN=3.42
sdE=1021.2
fwE=2.93
20250404T165506.0001.fits
SecZ=1.13
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.8 11.1 13.6
ALT/AZ=62.0 81.5
fwAVG=3.07
sdW=430.4
fwW=3.06
sdS=619.3
fwS=2.89
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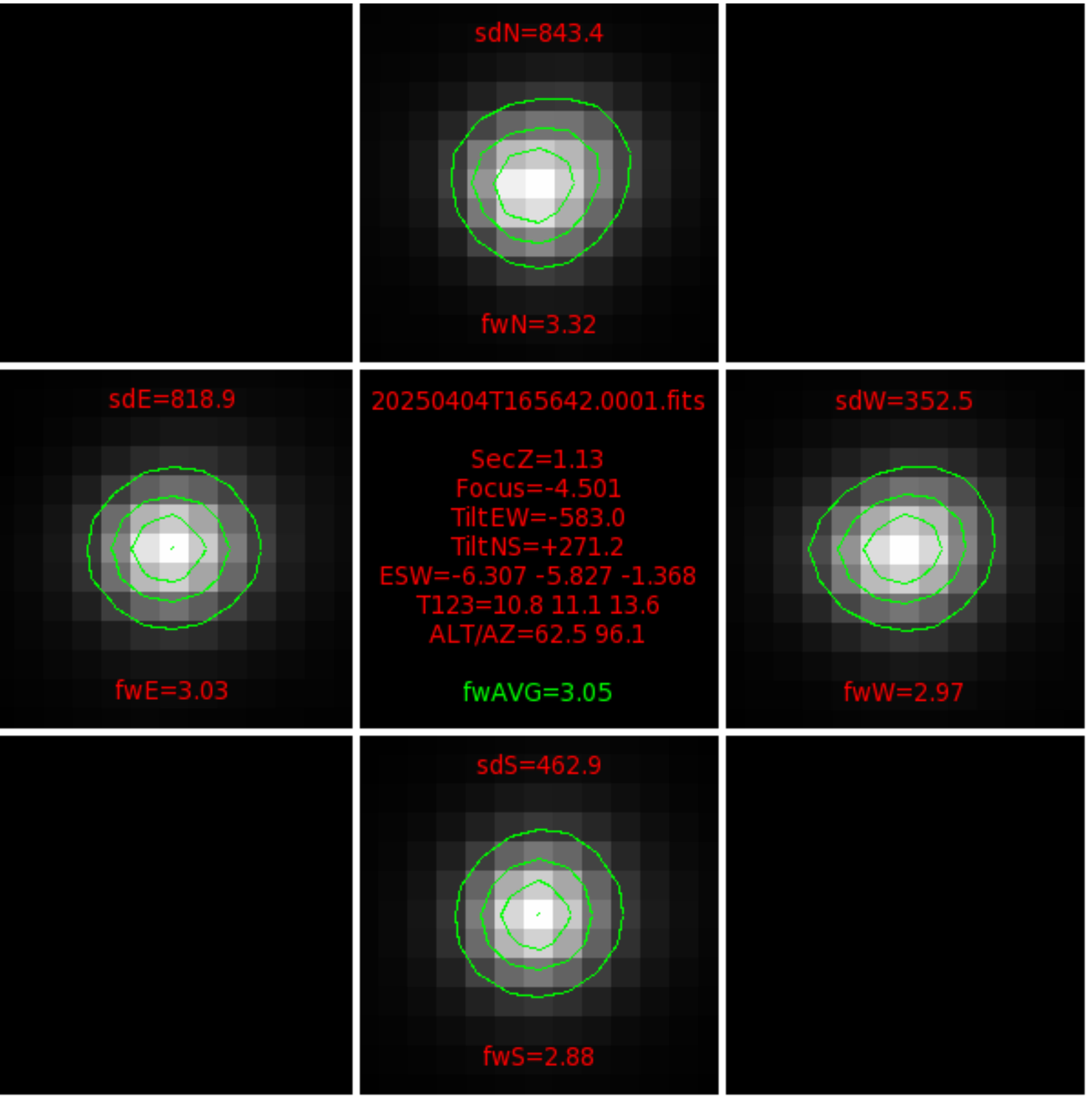
sdN=843.4
fwN=3.32
sdE=818.9
fwE=3.03
20250404T165642.0001.fits
SecZ=1.13
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.8 11.1 13.6
ALT/AZ=62.5 96.1
fwAVG=3.05
sdW=352.5
fwW=2.97
sdS=462.9
fwS=2.88
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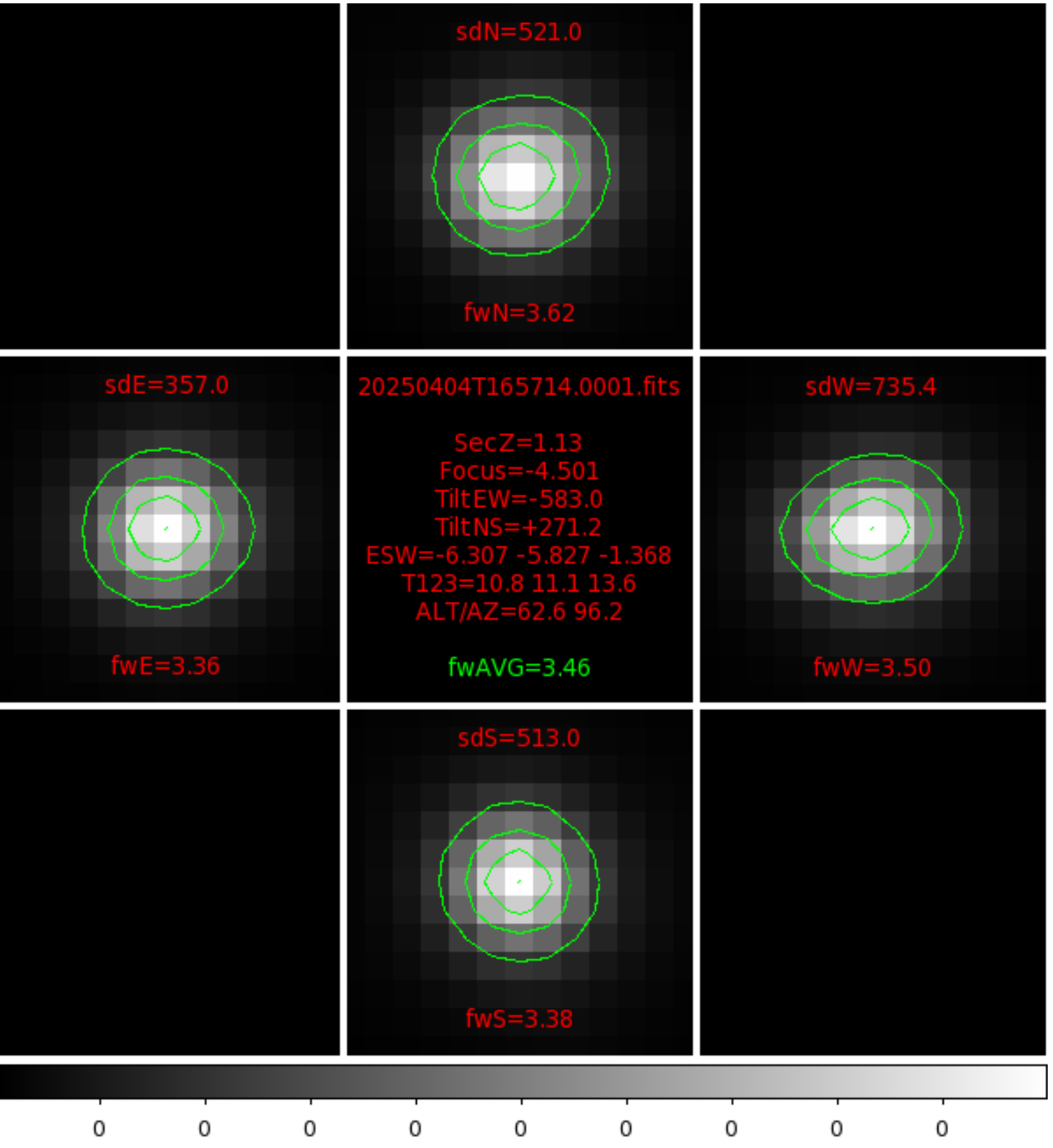
sdN=521.0
fwN=3.62
sdE=357.0
fwE=3.36
20250404T165714.0001.fits
SecZ=1.13
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.8 11.1 13.6
ALT/AZ=62.6 96.2
fwAVG=3.46
sdW=735.4
fwW=3.50
sdS=513.0
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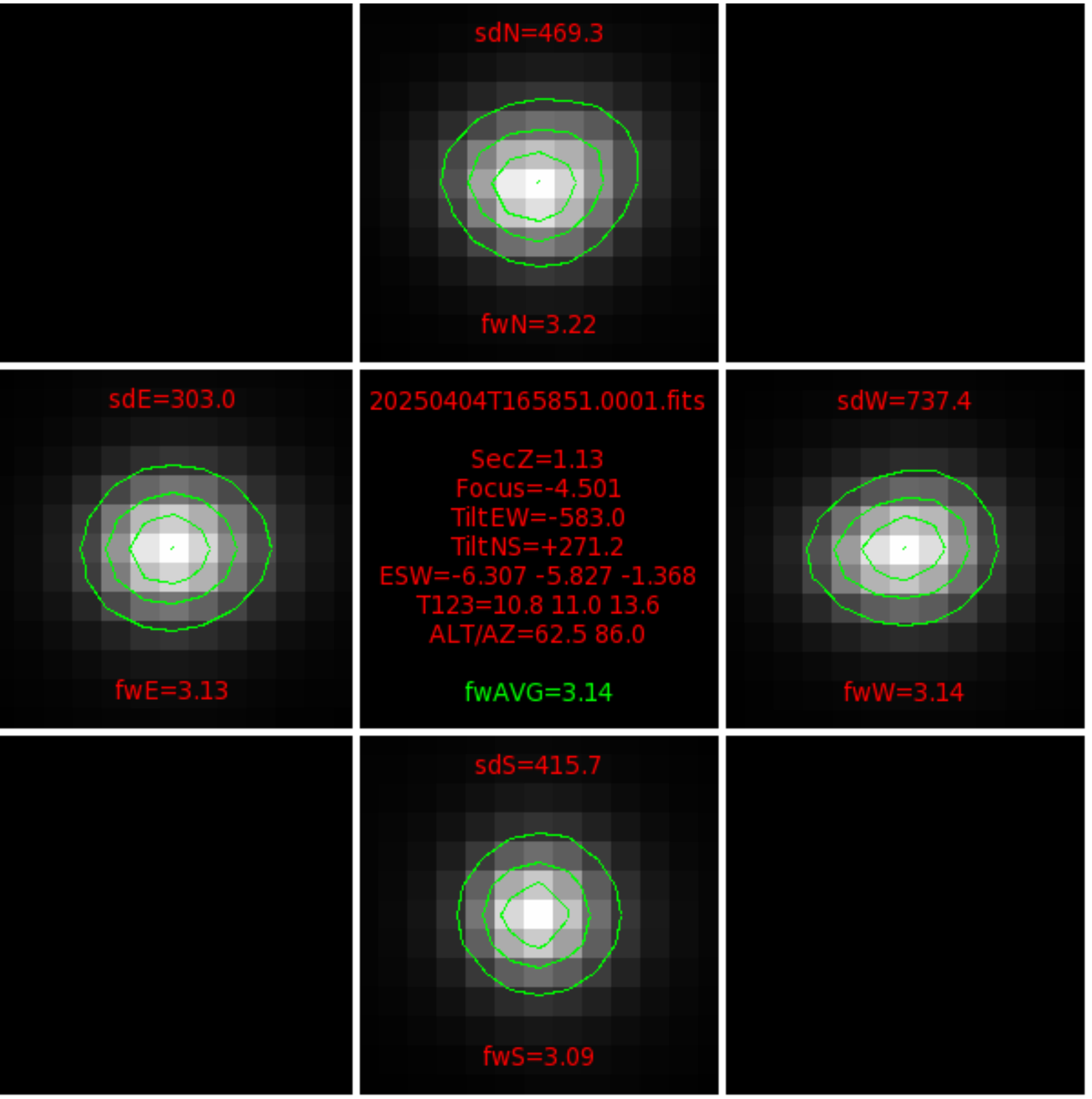
sdN=469.3
fwN=3.22
sdE=303.0
fwE=3.13
20250404T165851.0001.fits
SecZ=1.13
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.8 11.0 13.6
ALT/AZ=62.5 86.0
fwAVG=3.14
sdW=737.4
fwW=3.14
sdS=415.7
fwS=3.09
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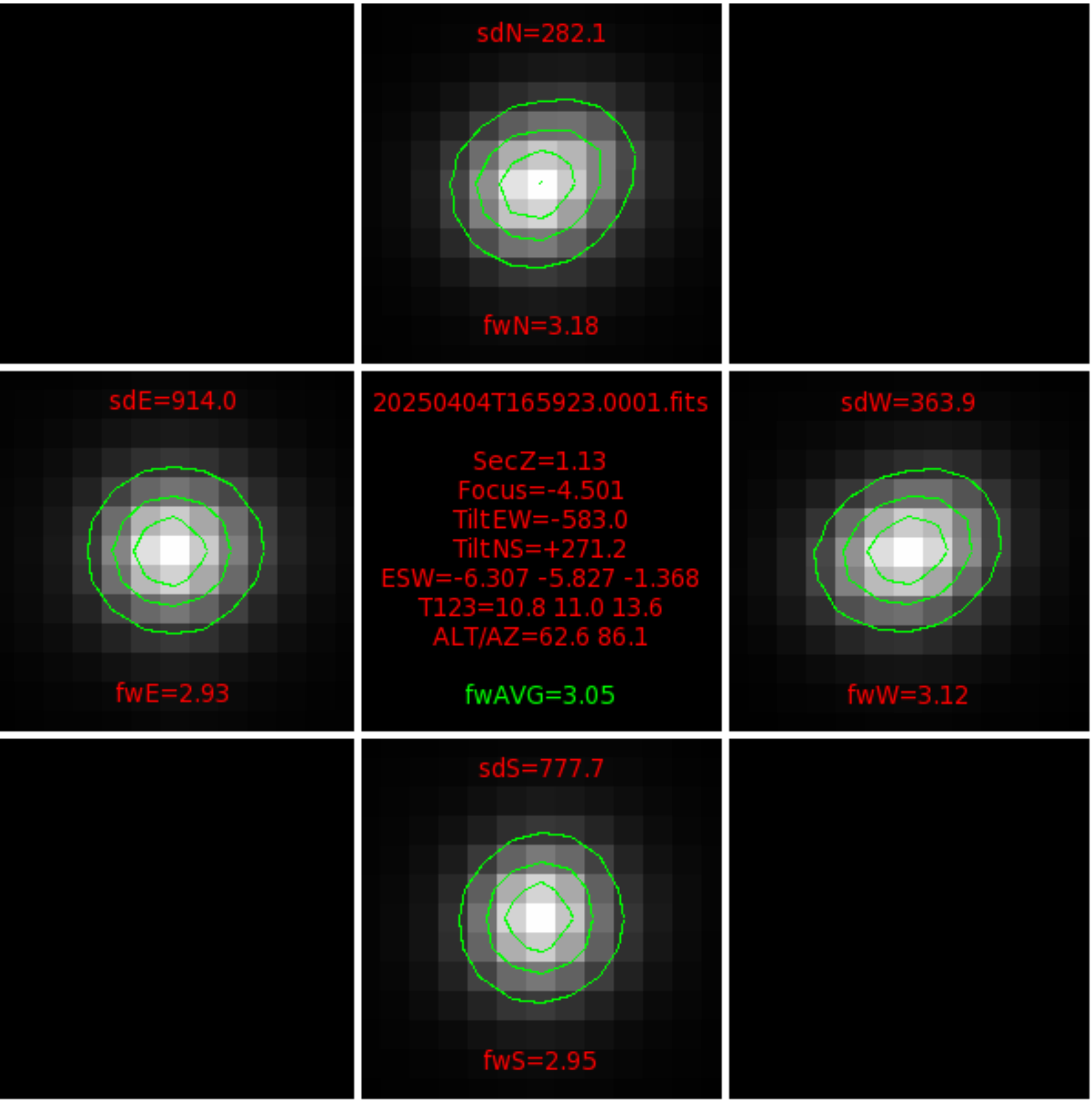
sdN=282.1
fwN=3.18
sdE=914.0
fwE=2.93
20250404T165923.0001.fits
SecZ=1.13
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.8 11.0 13.6
ALT/AZ=62.6 86.1
fwAVG=3.05
sdW=363.9
fwW=3.12
sdS=777.7
fwS=2.95
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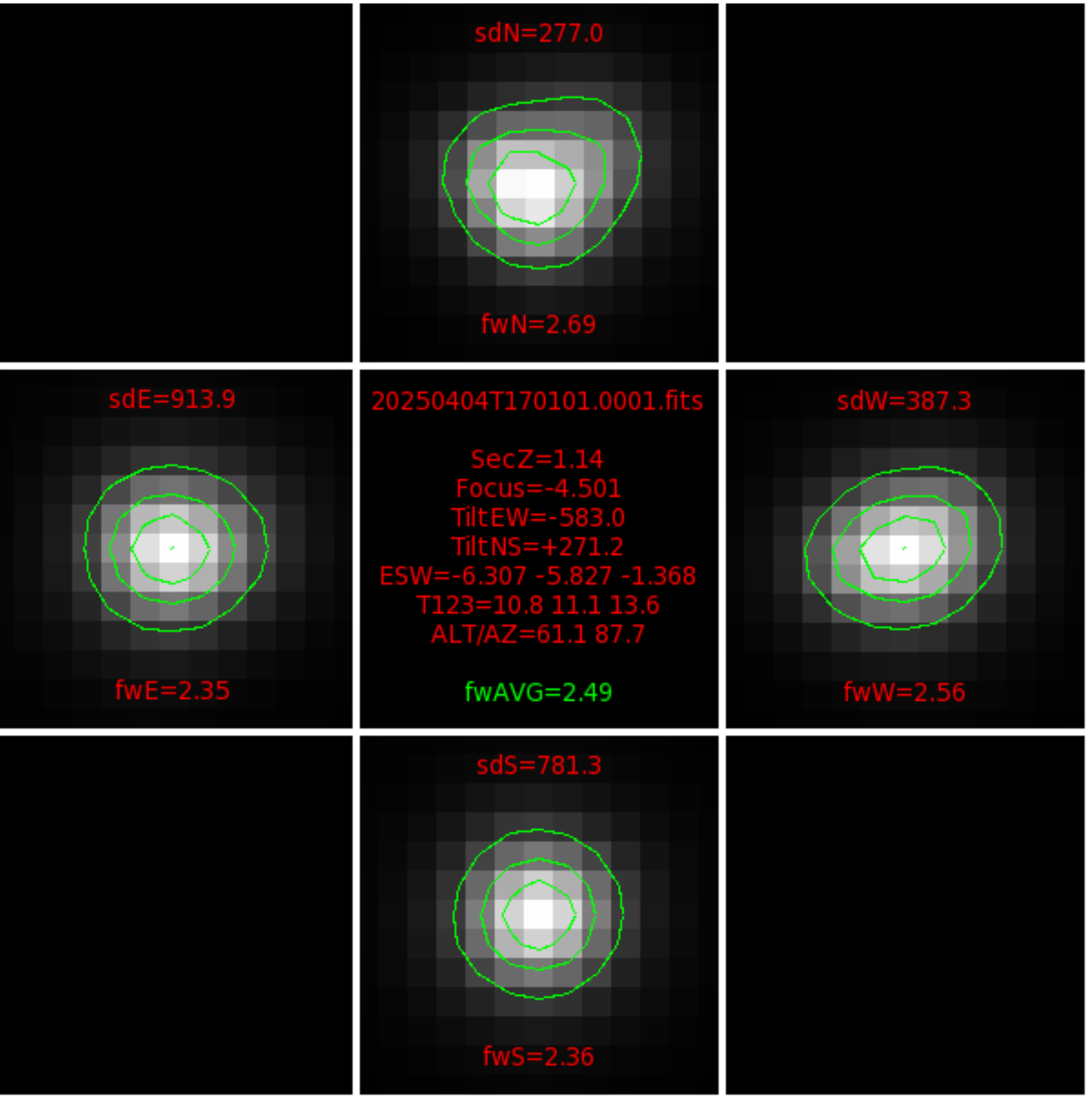
sdN=277.0
fwN=2.69
sdE=913.9
fwE=2.35
20250404T170101.0001.fits
SecZ=1.14
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.8 11.1 13.6
ALT/AZ=61.1 87.7
fwAVG=2.49
sdW=387.3
fwW=2.56
sdS=781.3
fwS=2.36
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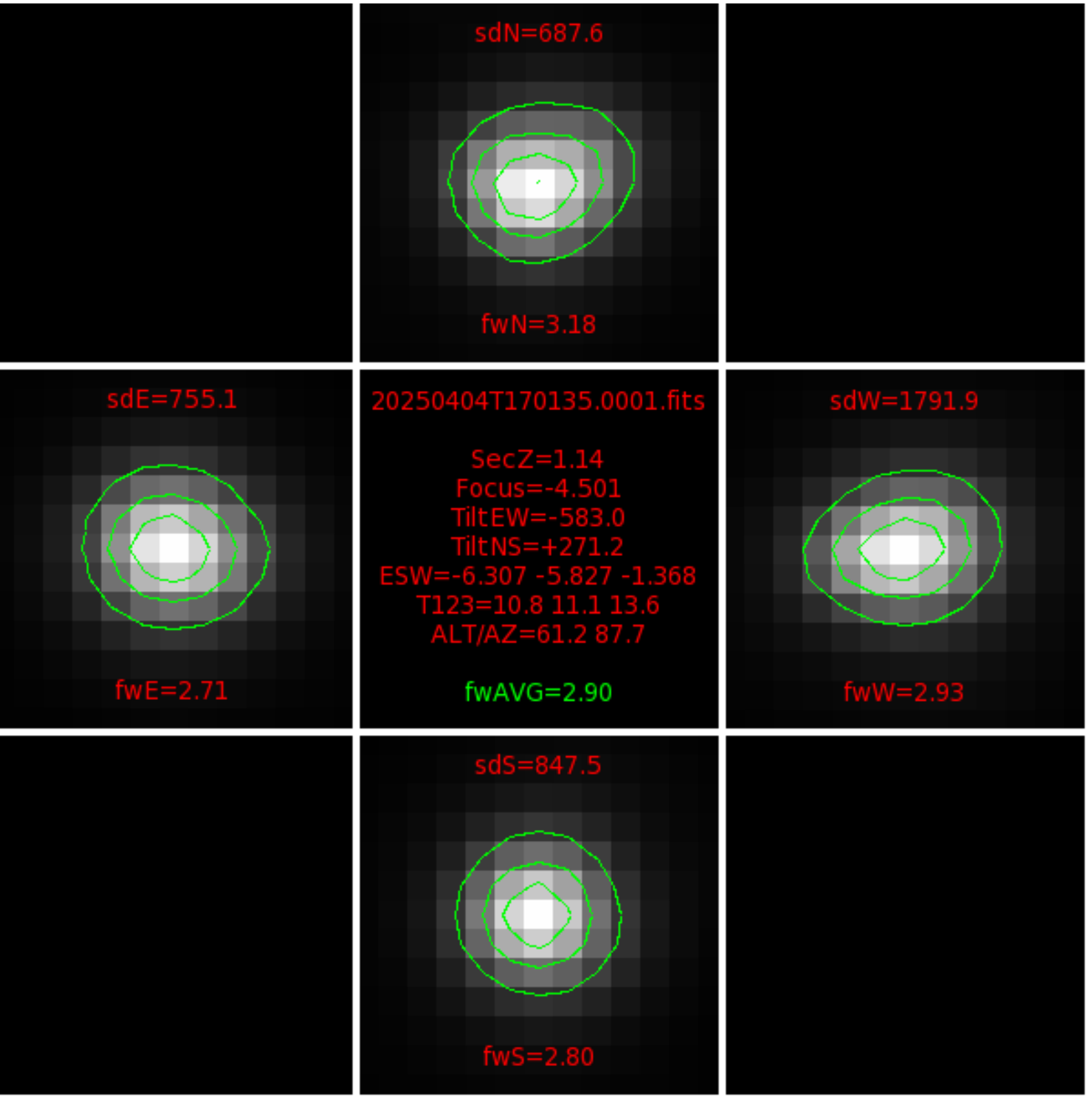
sdN=687.6
fwN=3.18
sdE=755.1
fwE=2.71
20250404T170135.0001.fits
SecZ=1.14
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.8 11.1 13.6
ALT/AZ=61.2 87.7
fwAVG=2.90
sdW=1791.9
fwW=2.93
sdS=847.5
fwS=2.80
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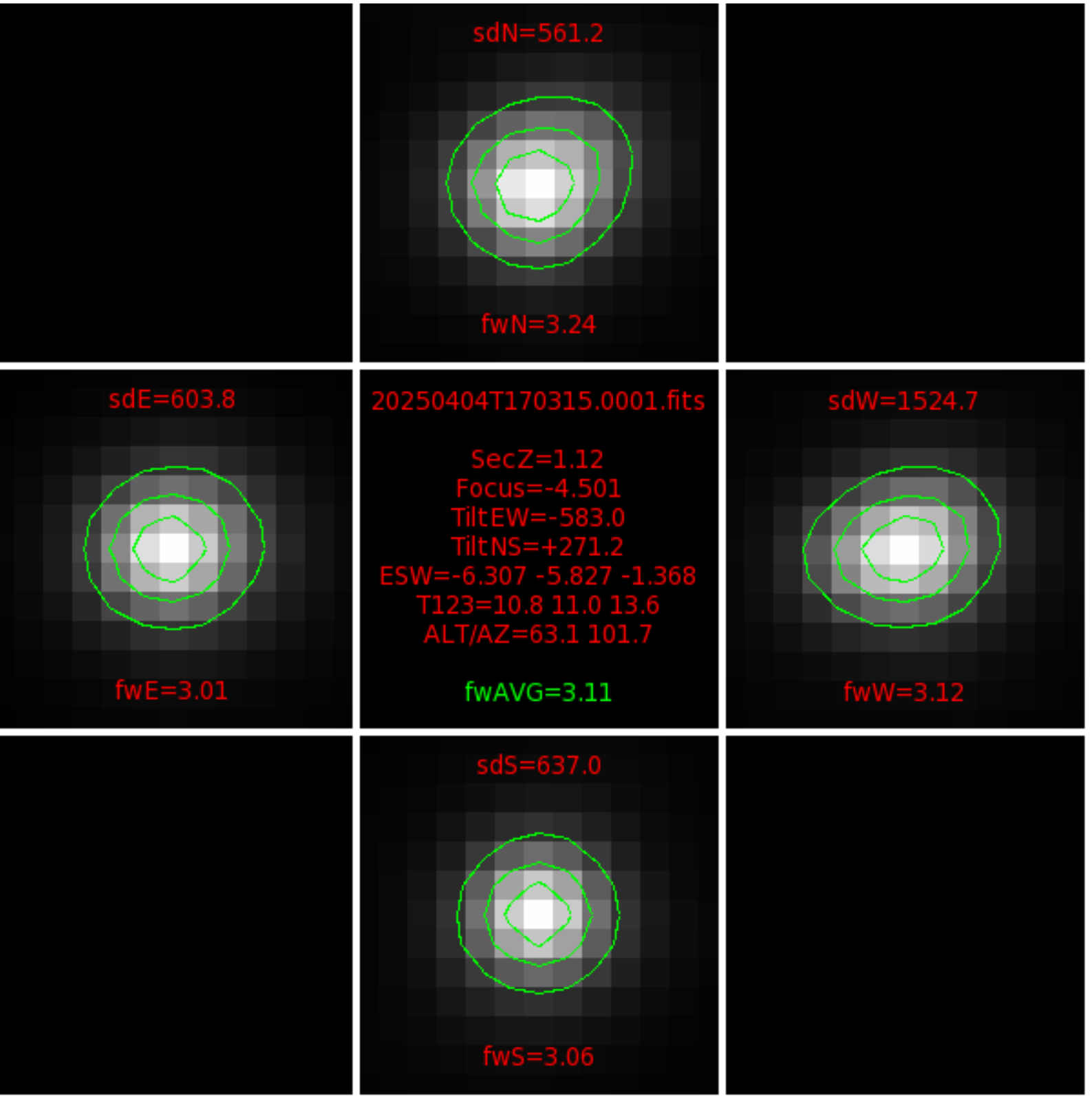
sdN=561.2
fwN=3.24
sdE=603.8
fwE=3.01
20250404T170315.0001.fits
SecZ=1.12
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.8 11.0 13.6
ALT/AZ=63.1 101.7
fwAVG=3.11
sdW=1524.7
fwW=3.12
sdS=637.0
fwS=3.06
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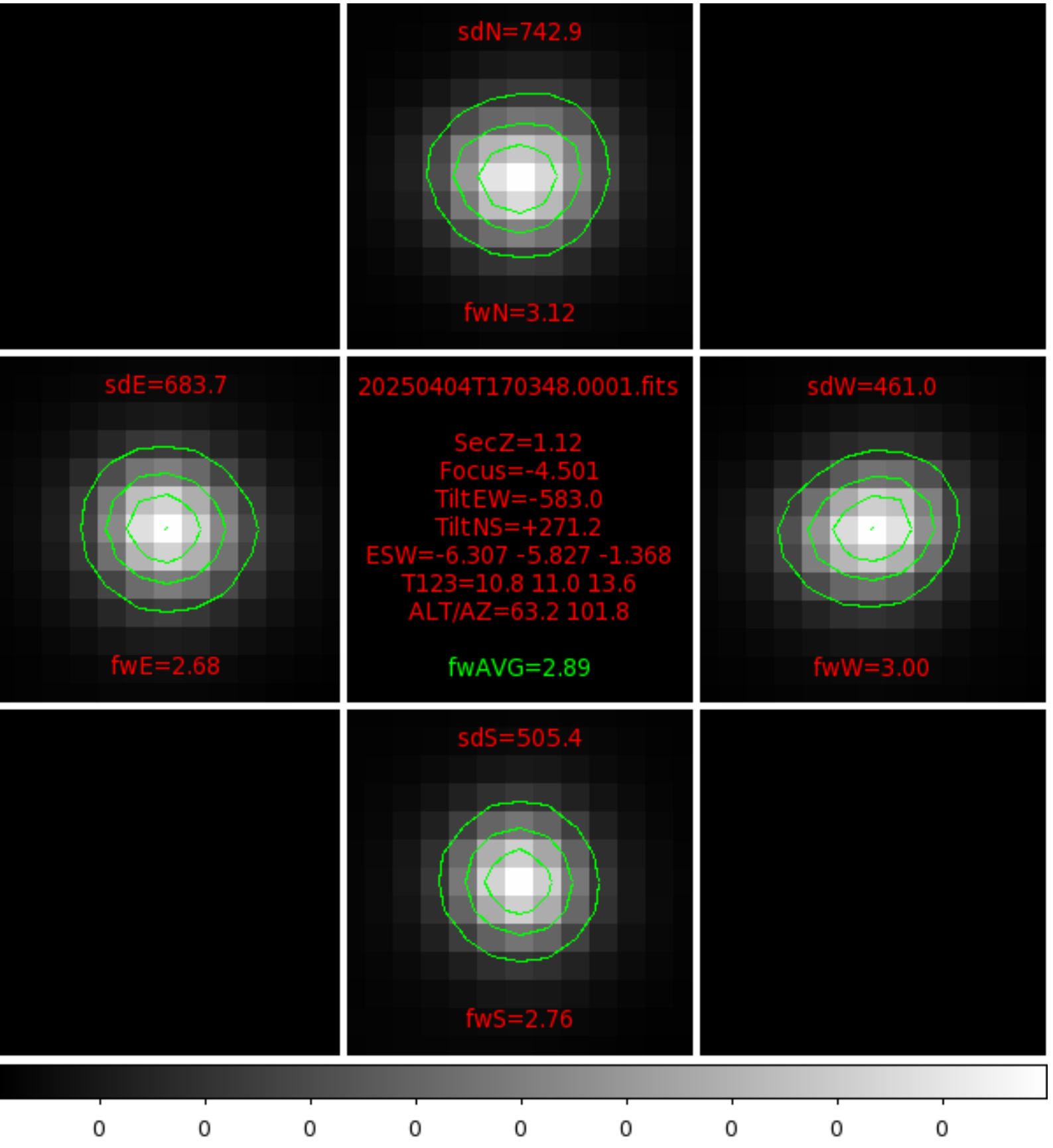
sdN=742.9
fwN=3.12
sdE=683.7
fwE=2.68
20250404T170348.0001.fits
SecZ=1.12
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.8 11.0 13.6
ALT/AZ=63.2 101.8
fwAVG=2.89
sdW=461.0
fwW=3.00
sdS=505.4
fwS=2.76
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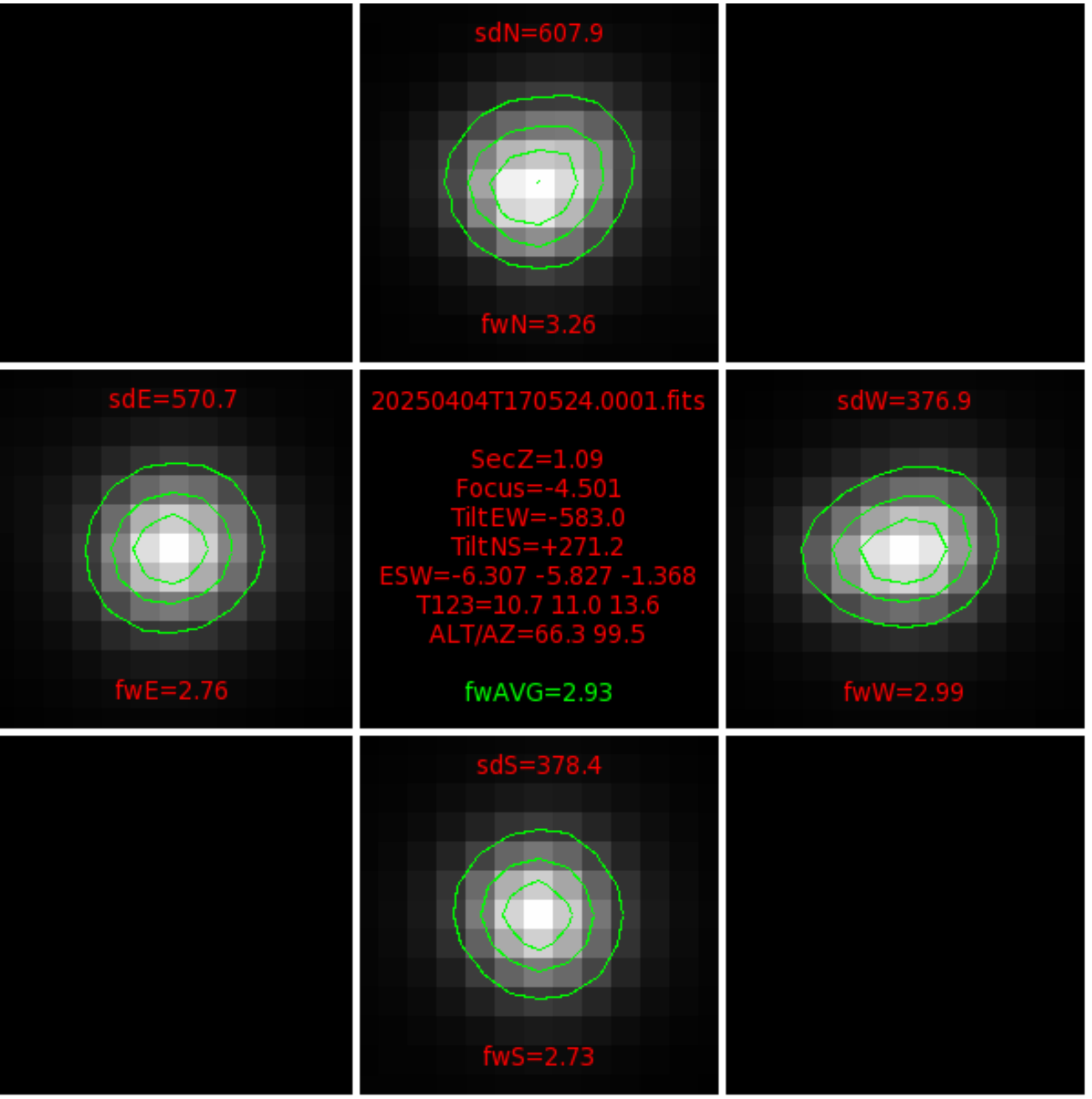
sdN=607.9
fwN=3.26
sdE=570.7
fwE=2.76
20250404T170524.0001.fits
SecZ=1.09
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.7 11.0 13.6
ALT/AZ=66.3 99.5
fwAVG=2.93
sdW=376.9
fwW=2.99
sdS=378.4
fwS=2.73
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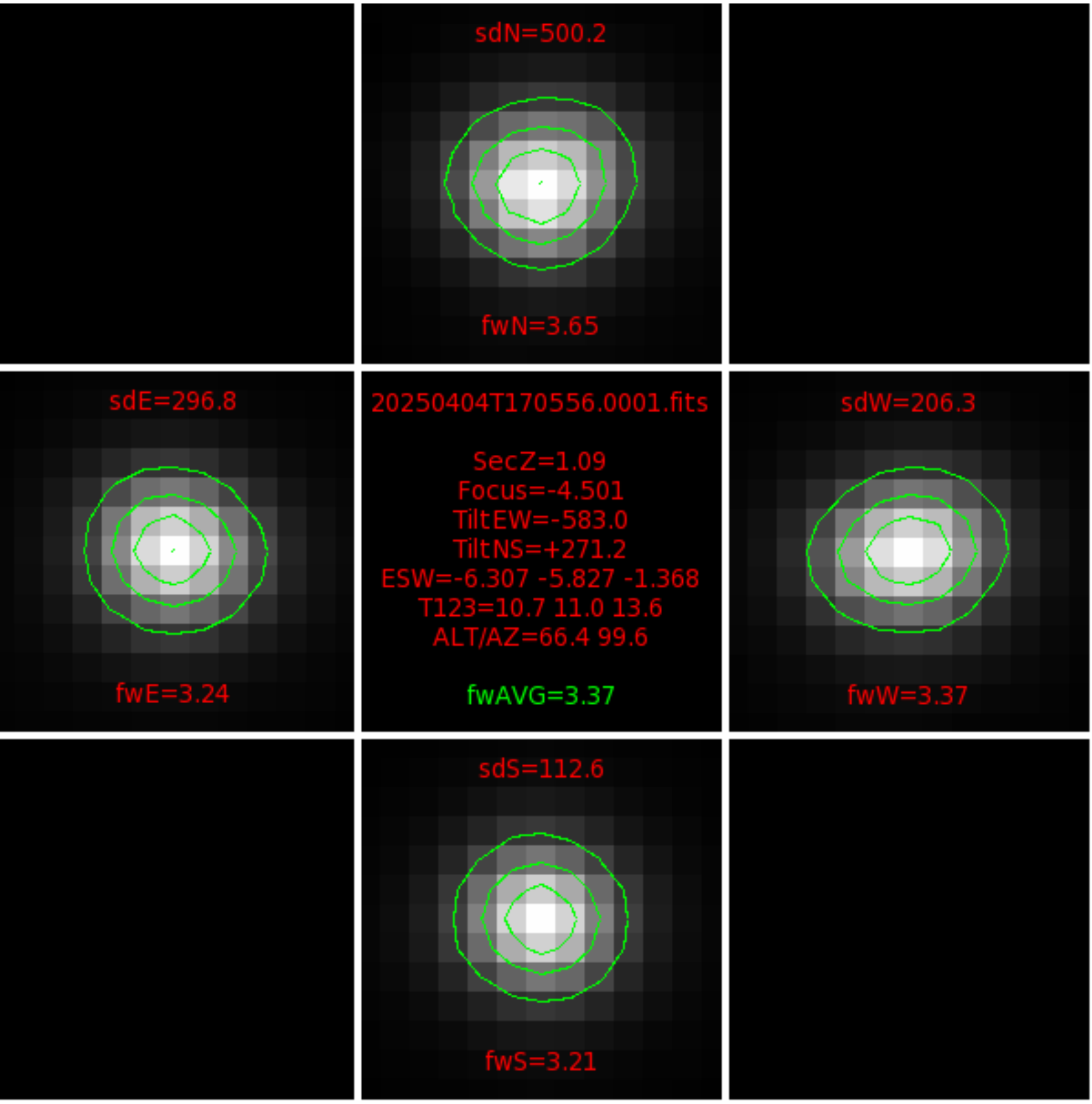
sdN=500.2
fwN=3.65
sdE=296.8
fwE=3.24
20250404T170556.0001.fits
SecZ=1.09
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.7 11.0 13.6
ALT/AZ=66.4 99.6
fwAVG=3.37
sdW=206.3
fwW=3.37
sdS=112.6
fwS=3.21
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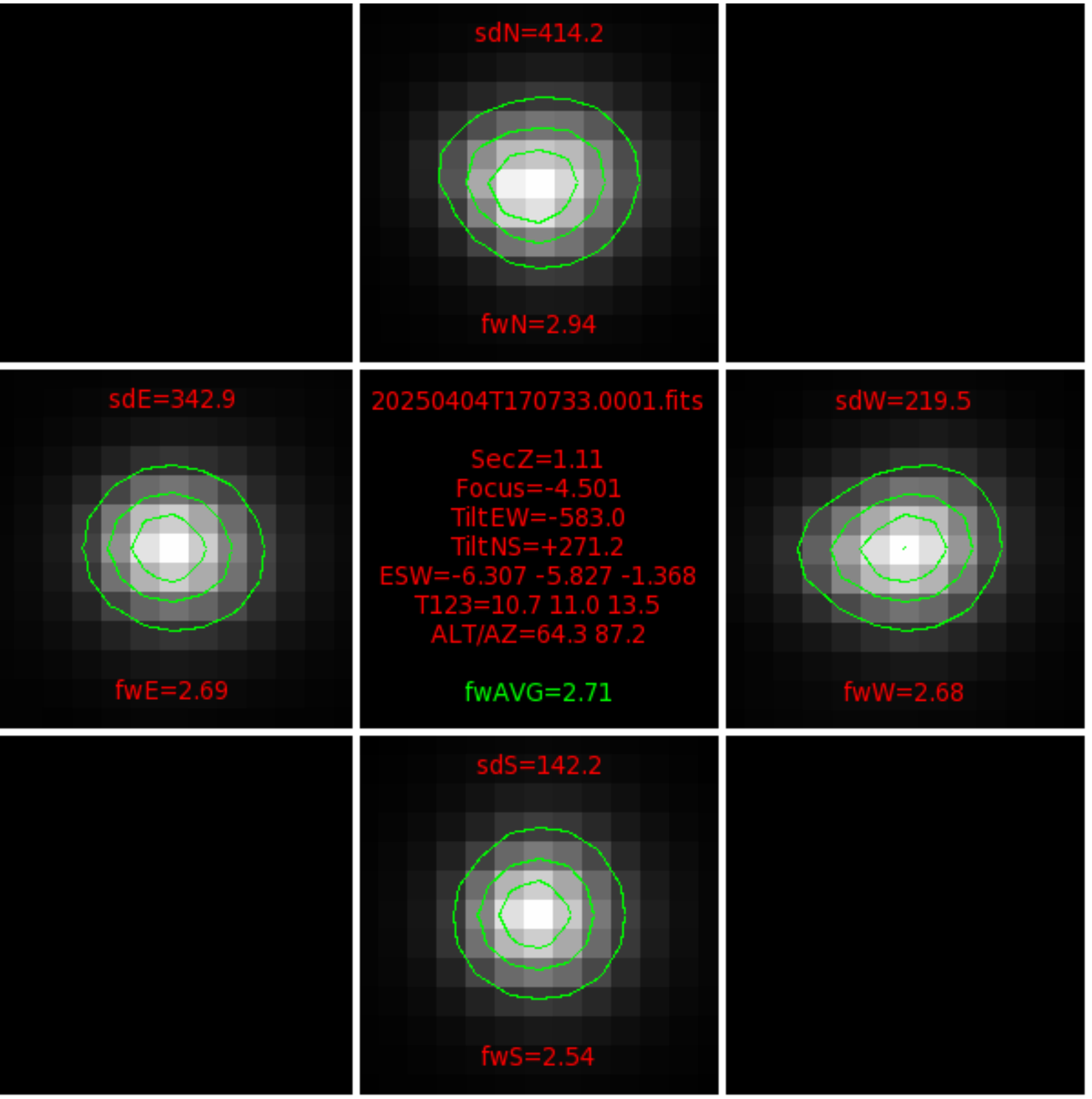
sdN=414.2
fwN=2.94
sdE=342.9
fwE=2.69
20250404T170733.0001.fits
SecZ=1.11
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.7 11.0 13.5
ALT/AZ=64.3 87.2
fwAVG=2.71
sdW=219.5
fwW=2.68
sdS=142.2
fwS=2.54
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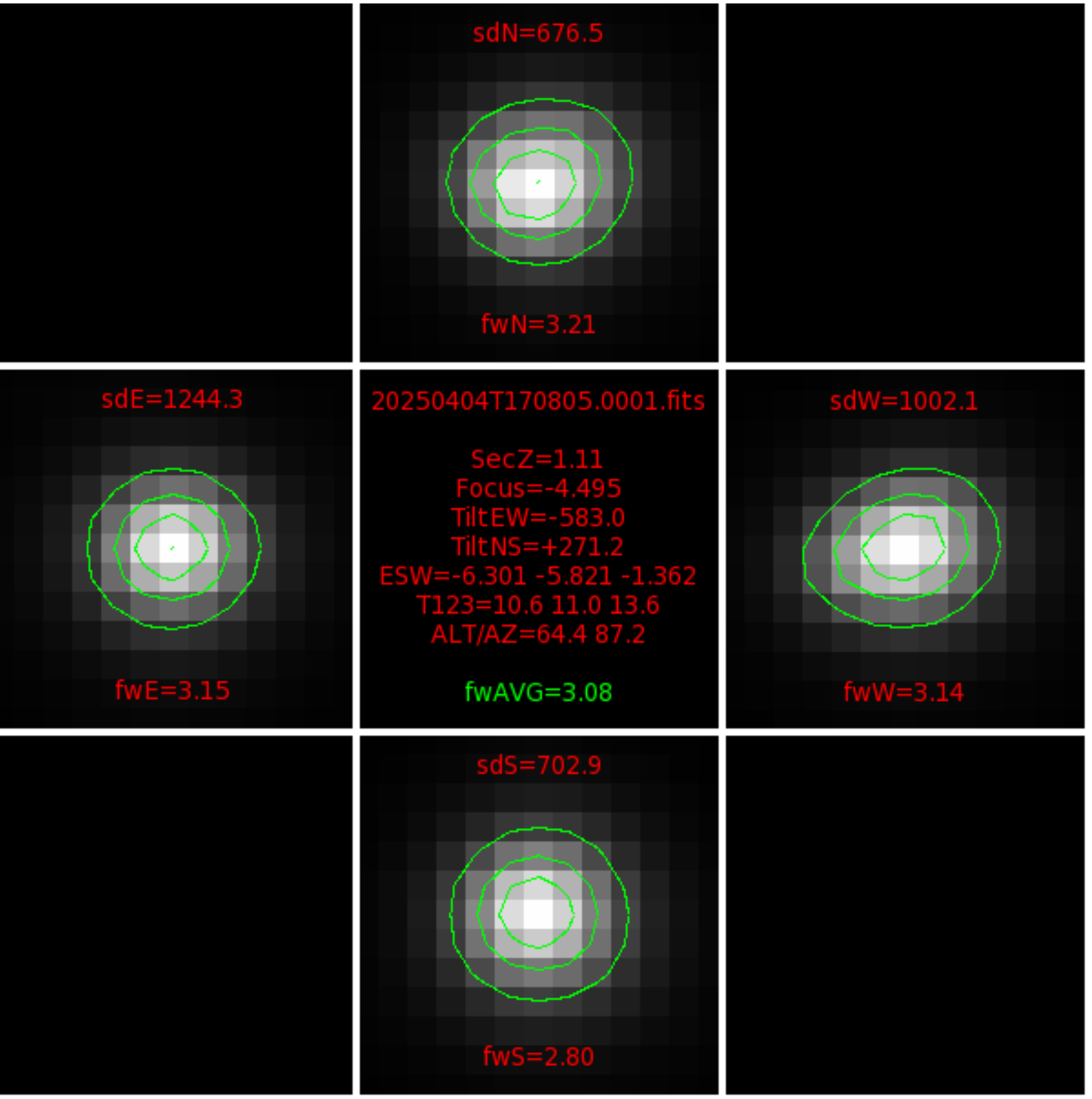
sdN=676.5
fwN=3.21
sdE=1244.3
fwE=3.15
20250404T170805.0001.fits
SecZ=1.11
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 11.0 13.6
ALT/AZ=64.4 87.2
fwAVG=3.08
sdW=1002.1
fwW=3.14
sdS=702.9
fwS=2.80
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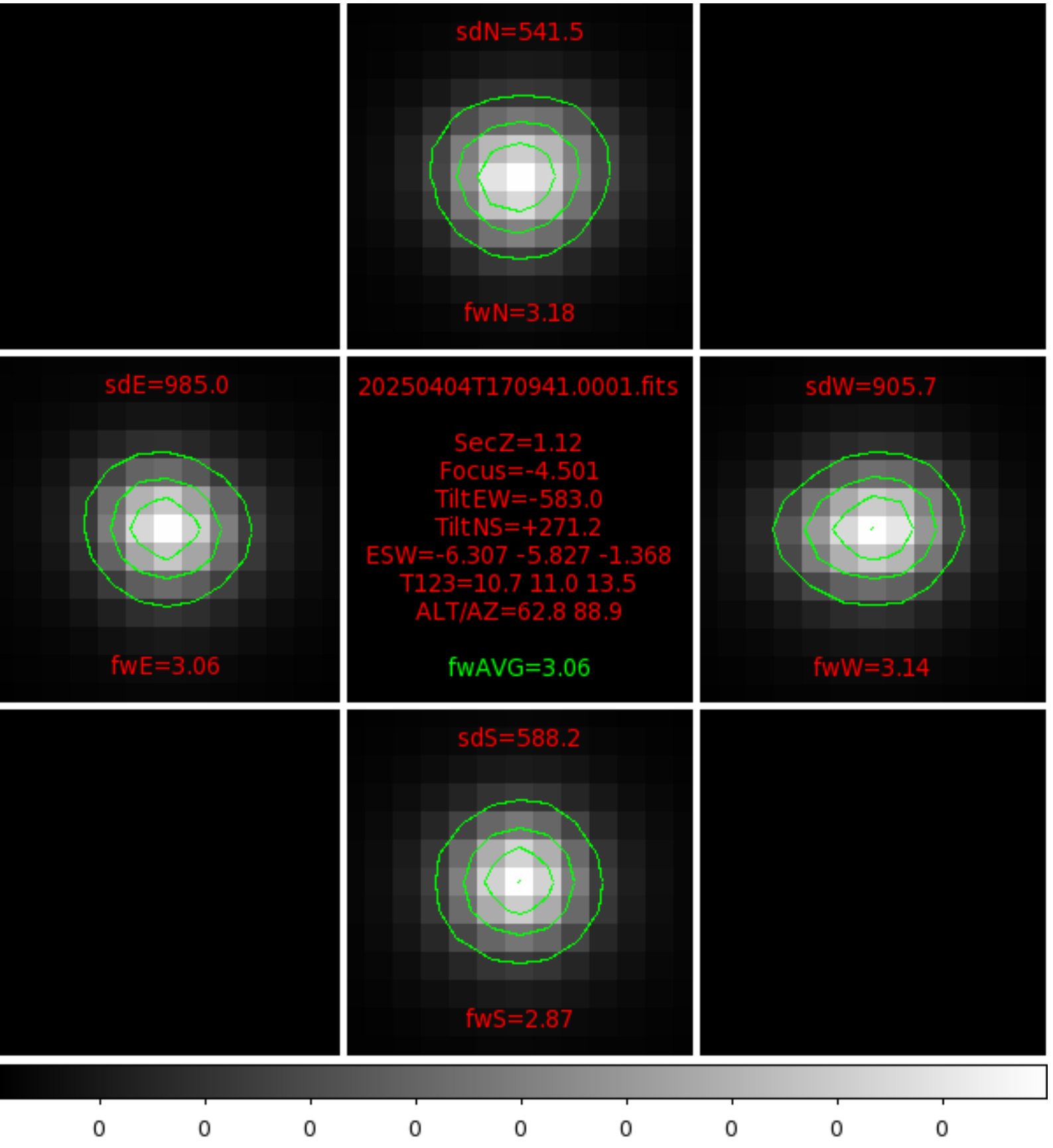
sdN=541.5
fwN=3.18
sdE=985.0
fwE=3.06
20250404T170941.0001.fits
SecZ=1.12
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.7 11.0 13.5
ALT/AZ=62.8 88.9
fwAVG=3.06
sdW=905.7
fwW=3.14
sdS=588.2
fwS=2.87
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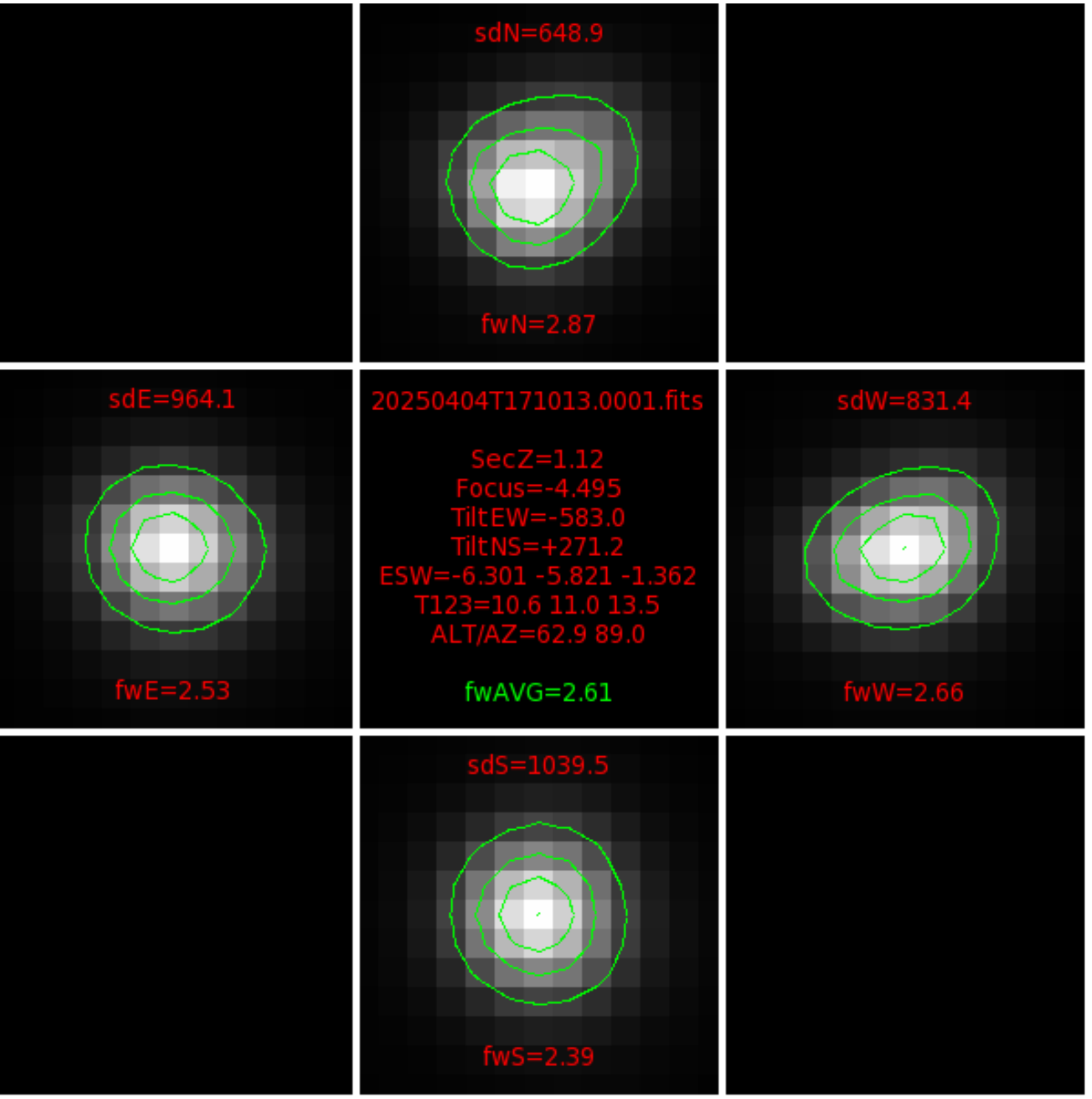
sdN=648.9
fwN=2.87
sdE=964.1
fwE=2.53
20250404T171013.0001.fits
SecZ=1.12
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 11.0 13.5
ALT/AZ=62.9 89.0
fwAVG=2.61
sdW=831.4
fwW=2.66
sdS=1039.5
fwS=2.39
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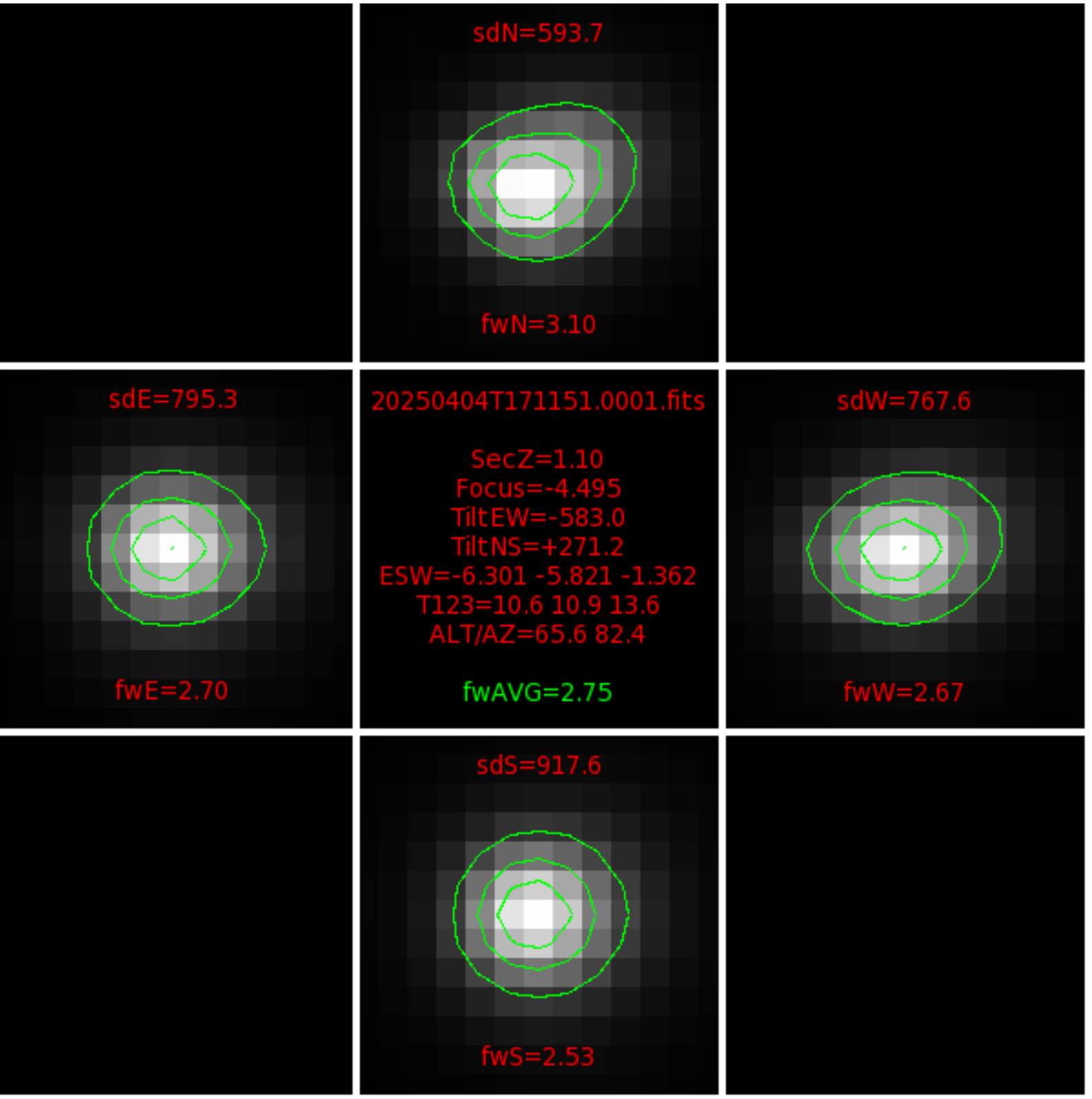
sdN=593.7
fwN=3.10
sdE=795.3
fwE=2.70
20250404T171151.0001.fits
SecZ=1.10
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 10.9 13.6
ALT/AZ=65.6 82.4
fwAVG=2.75
sdW=767.6
fwW=2.67
sdS=917.6
fwS=2.53
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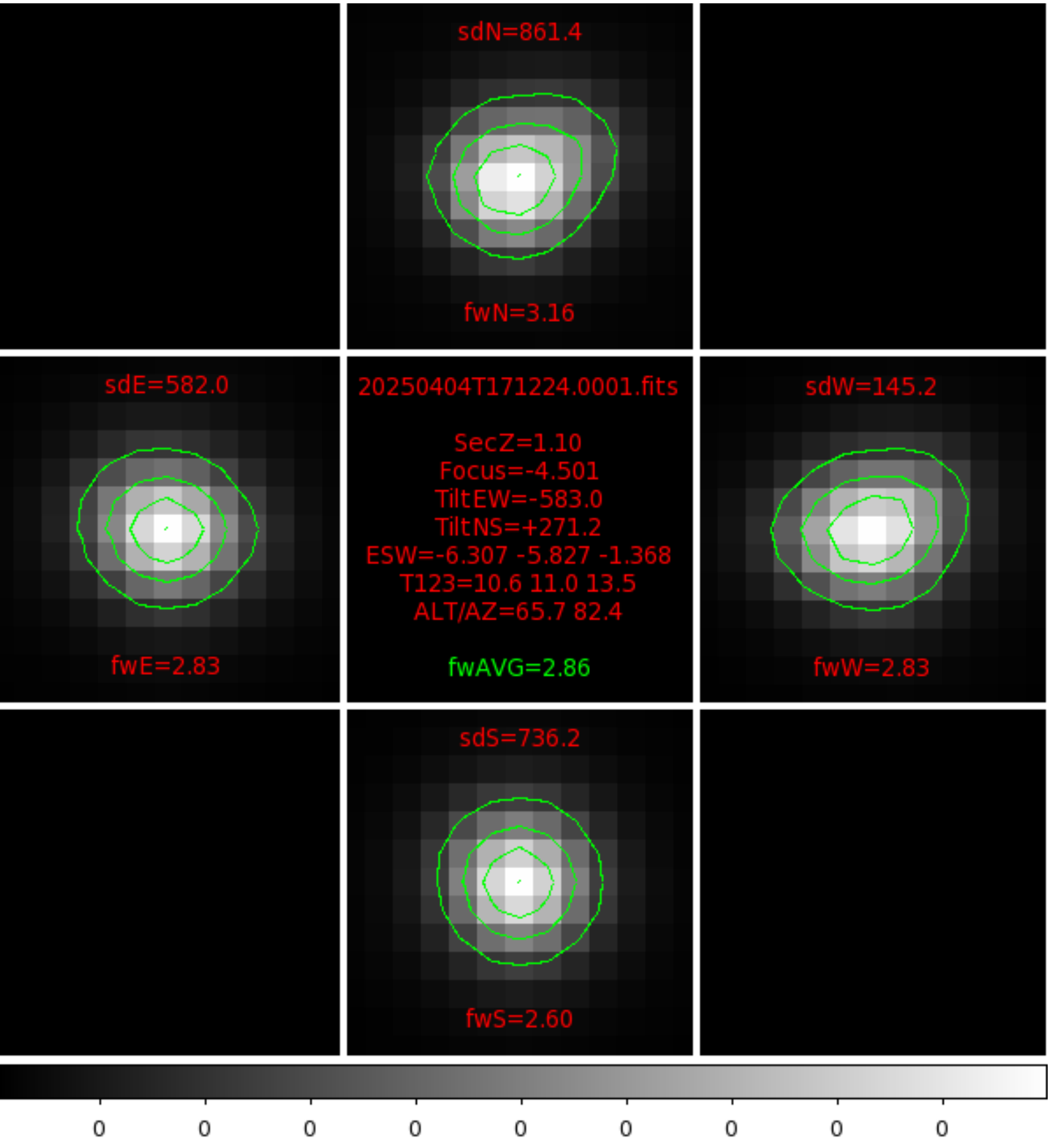
sdN=861.4
fwN=3.16
sdE=582.0
fwE=2.83
20250404T171224.0001.fits
SecZ=1.10
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.6 11.0 13.5
ALT/AZ=65.7 82.4
fwAVG=2.86
sdW=145.2
fwW=2.83
sdS=736.2
fwS=2.60
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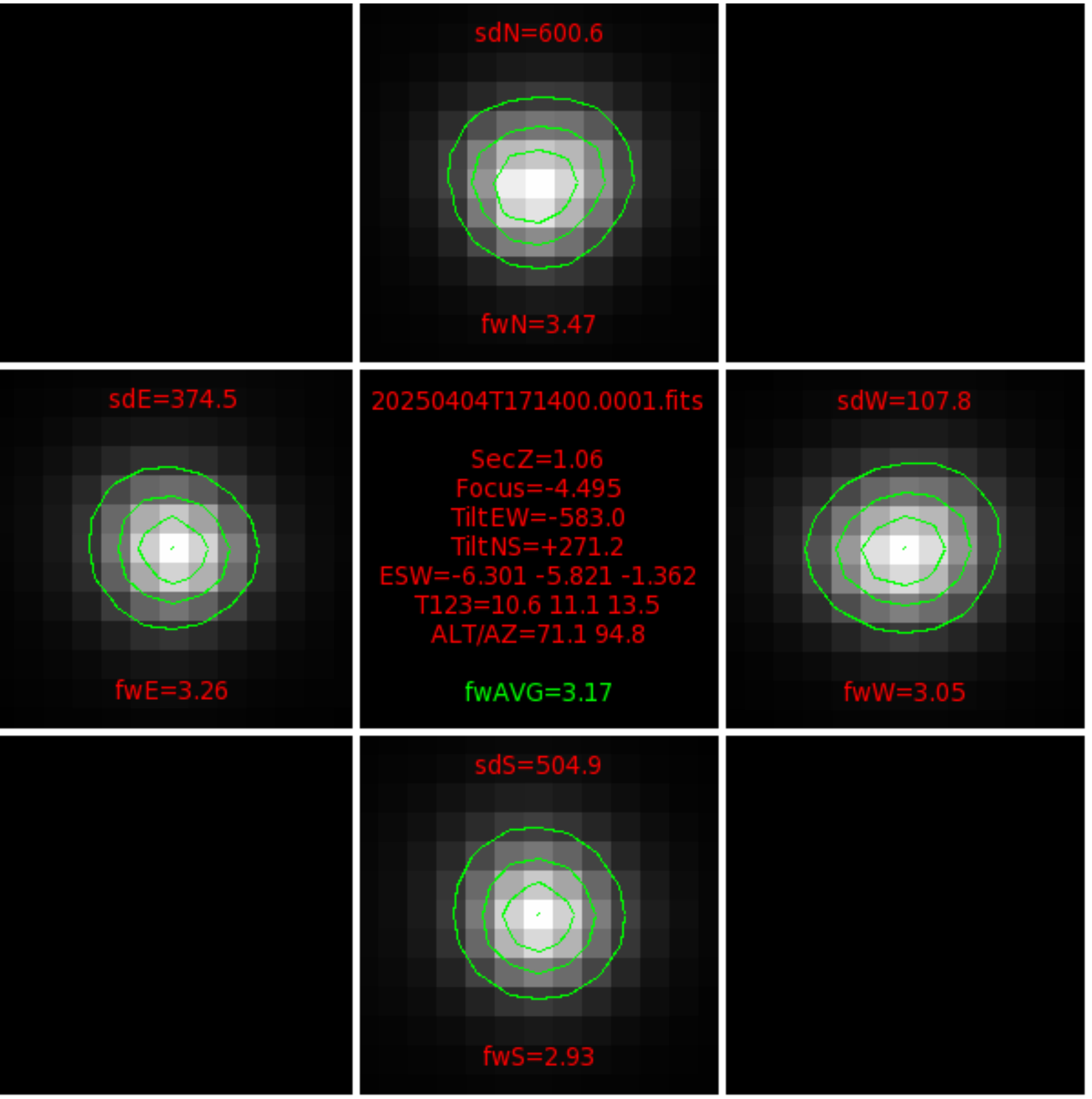
sdN=600.6
fwN=3.47
sdE=374.5
fwE=3.26
20250404T171400.0001.fits
SecZ=1.06
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 11.1 13.5
ALT/AZ=71.1 94.8
fwAVG=3.17
sdW=107.8
fwW=3.05
sdS=504.9
fwS=2.93
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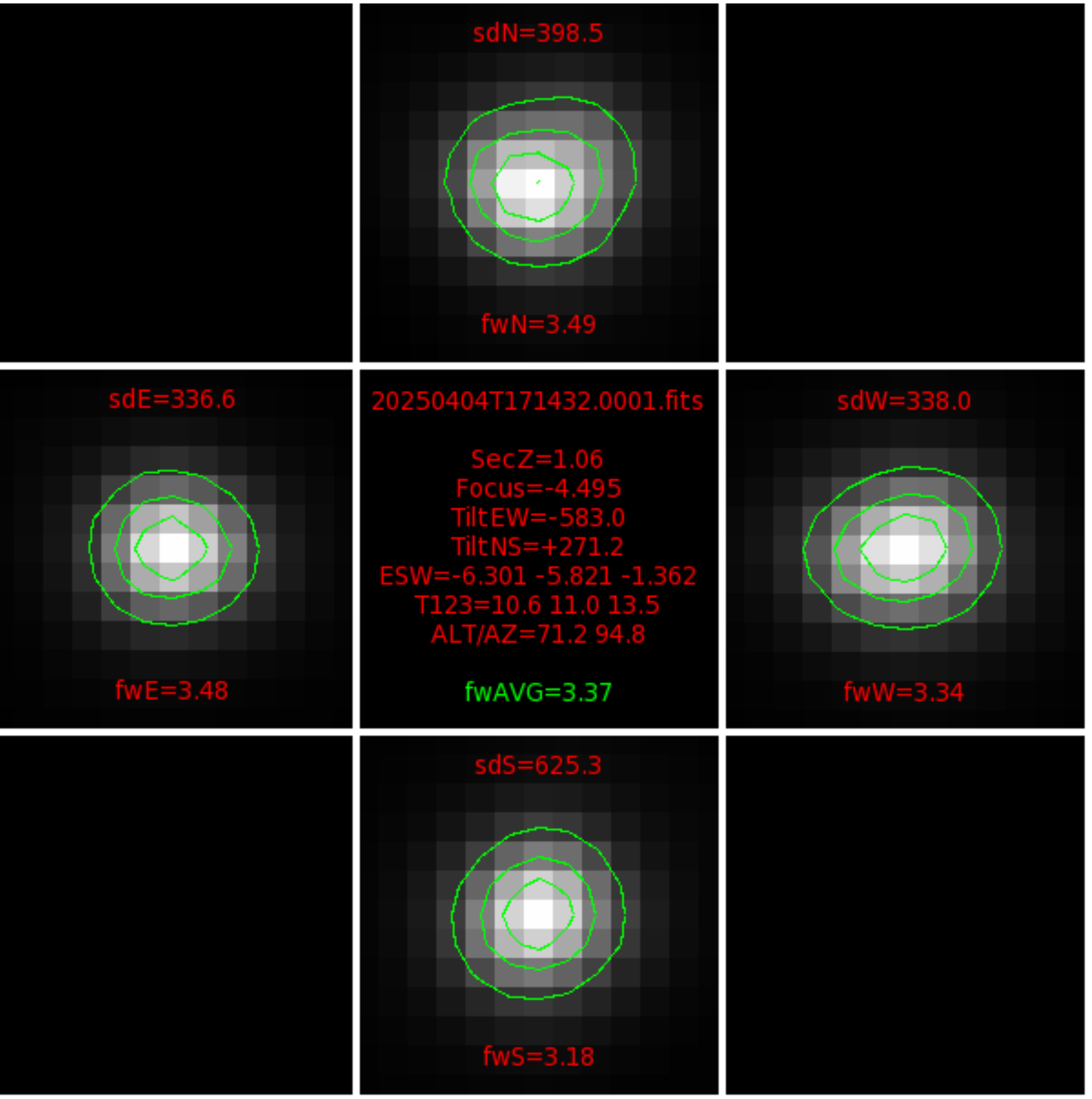
sdN=398.5
fwN=3.49
sdE=336.6
fwE=3.48
20250404T171432.0001.fits
SecZ=1.06
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 11.0 13.5
ALT/AZ=71.2 94.8
fwAVG=3.37
sdW=338.0
fwW=3.34
sdS=625.3
fwS=3.18
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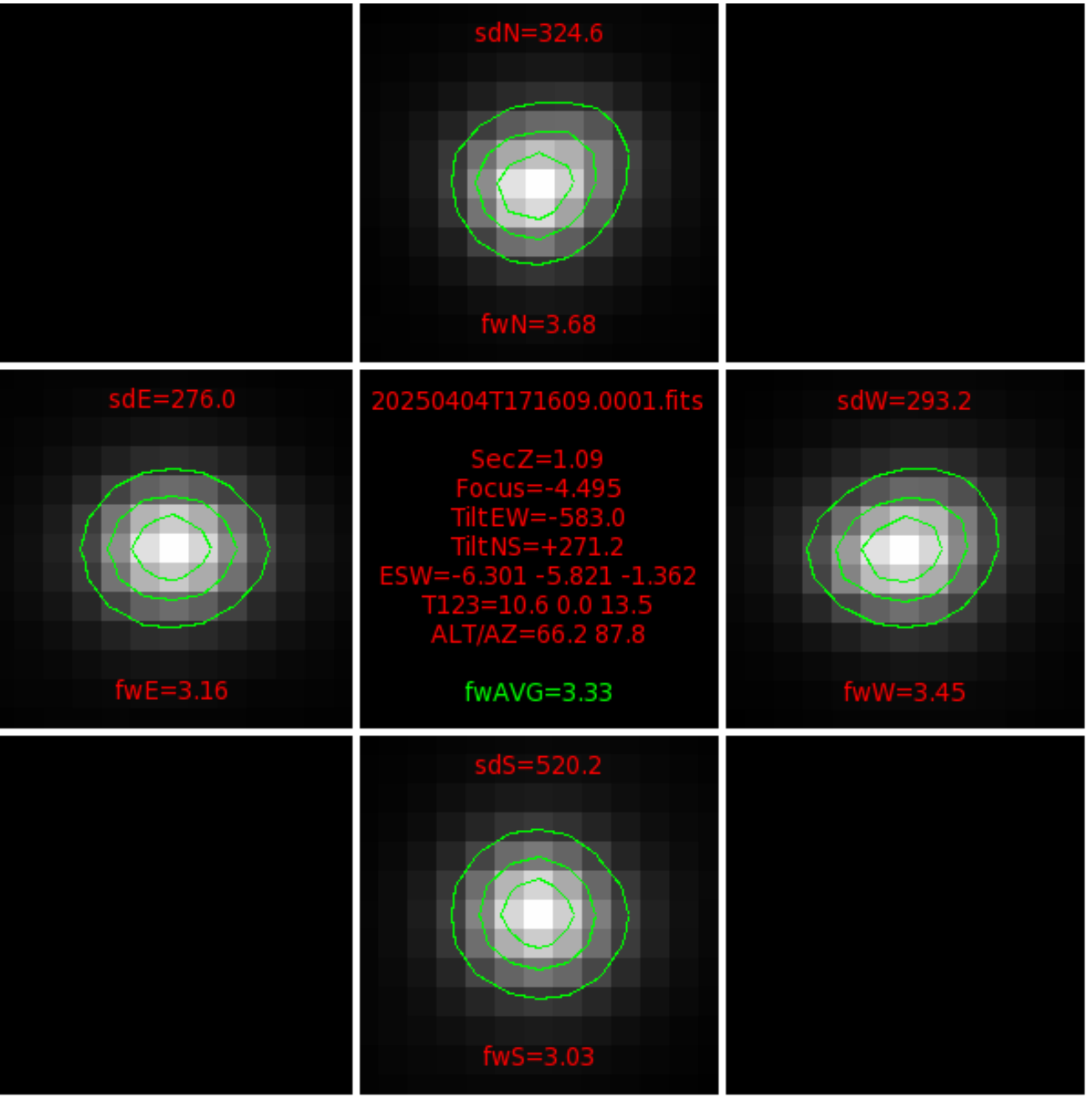
sdN=324.6
fwN=3.68
sdE=276.0
fwE=3.16
20250404T171609.0001.fits
SecZ=1.09
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 0.0 13.5
ALT/AZ=66.2 87.8
fwAVG=3.33
sdW=293.2
fwW=3.45
sdS=520.2
fwS=3.03
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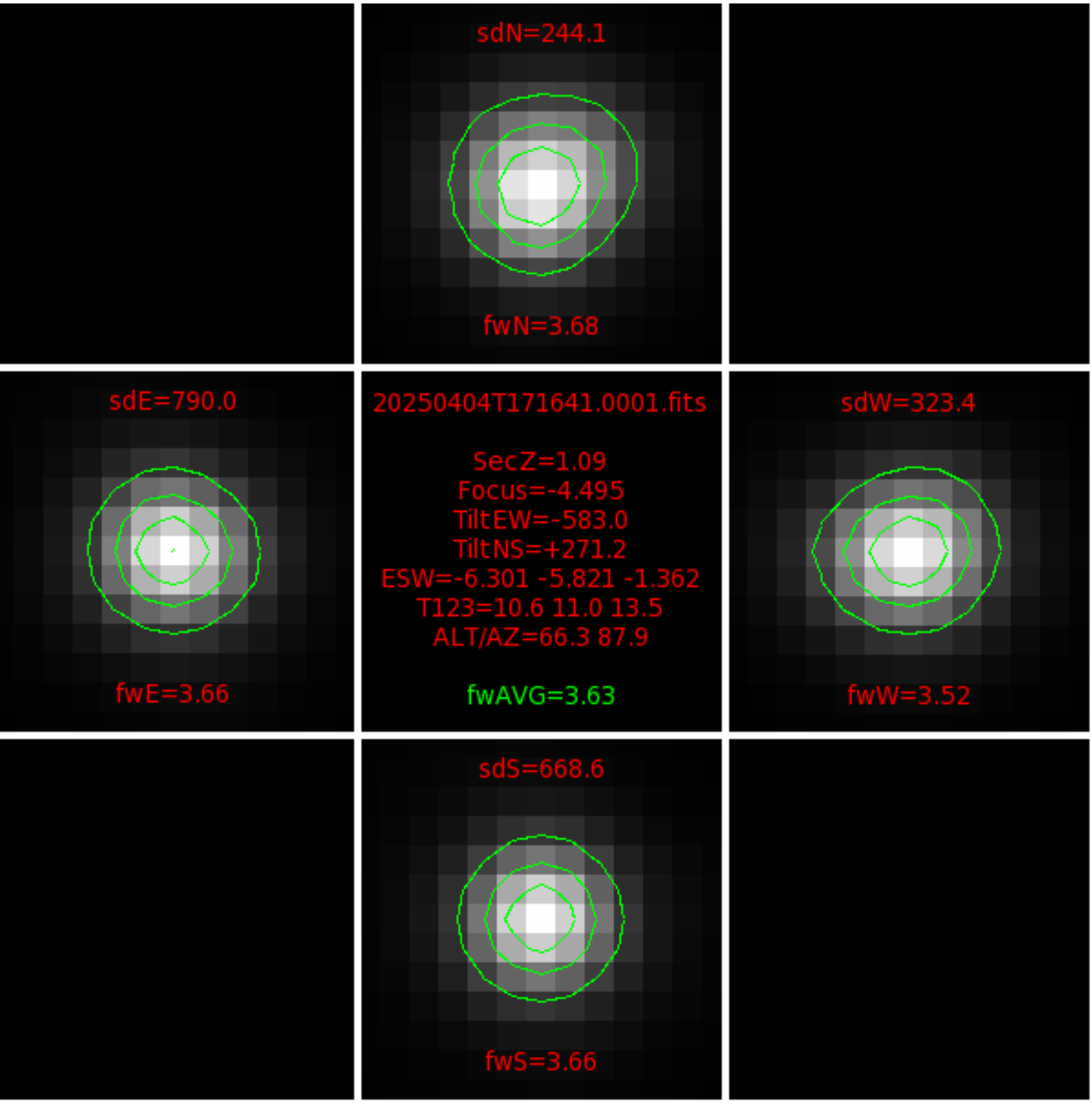
sdN=244.1
fwN=3.68
sdE=790.0
fwE=3.66
20250404T171641.0001.fits
SecZ=1.09
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 11.0 13.5
ALT/AZ=66.3 87.9
fwAVG=3.63
sdW=323.4
fwW=3.52
sdS=668.6
fwS=3.66
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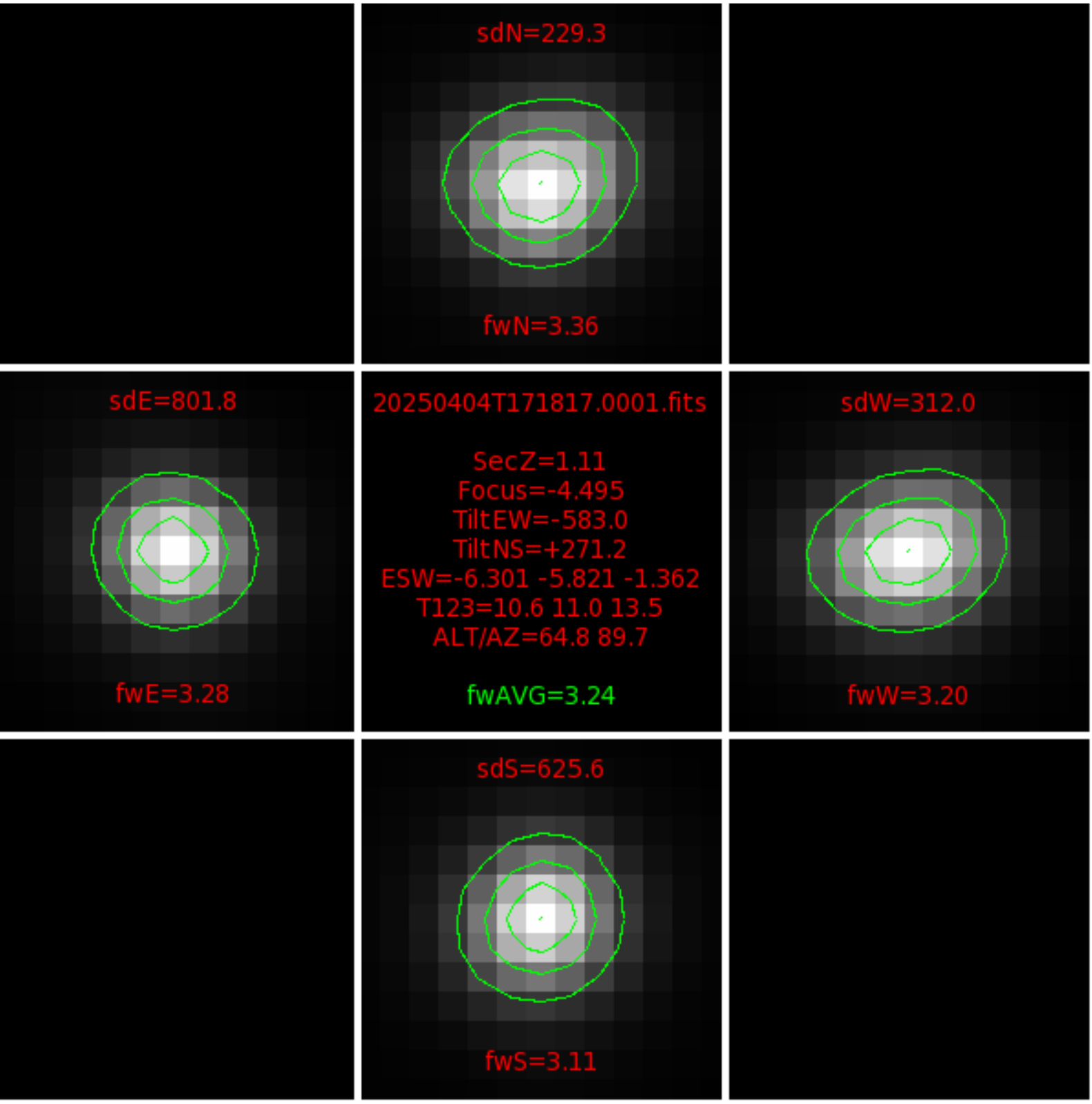
sdN=229.3
fwN=3.36
sdE=801.8
fwE=3.28
20250404T171817.0001.fits
SecZ=1.11
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 11.0 13.5
ALT/AZ=64.8 89.7
fwAVG=3.24
sdW=312.0
fwW=3.20
sdS=625.6
fwS=3.11
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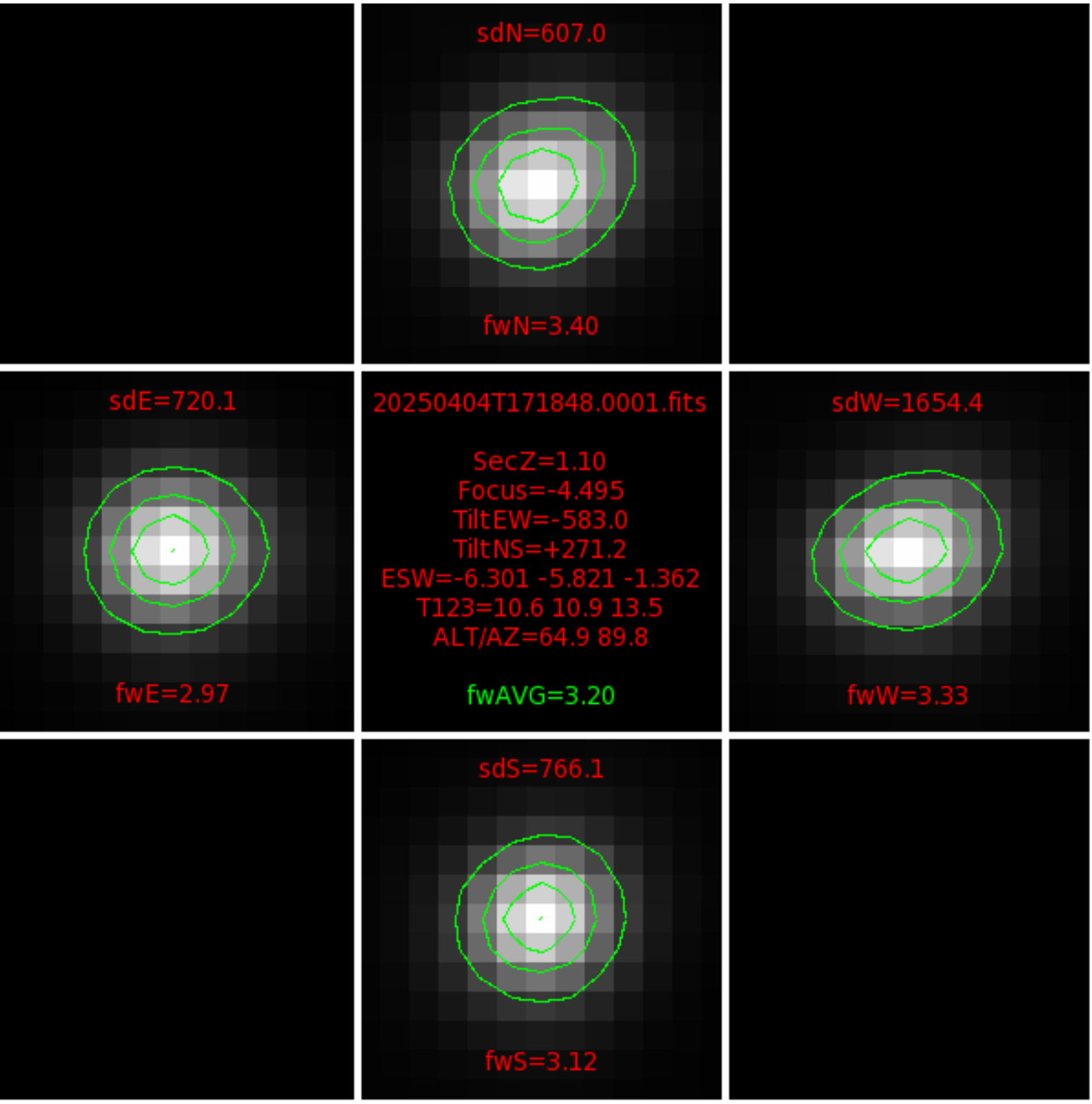
sdN=607.0
fwN=3.40
sdE=720.1
fwE=2.97
20250404T171848.0001.fits
SecZ=1.10
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 10.9 13.5
ALT/AZ=64.9 89.8
fwAVG=3.20
sdW=1654.4
fwW=3.33
sdS=766.1
fwS=3.12
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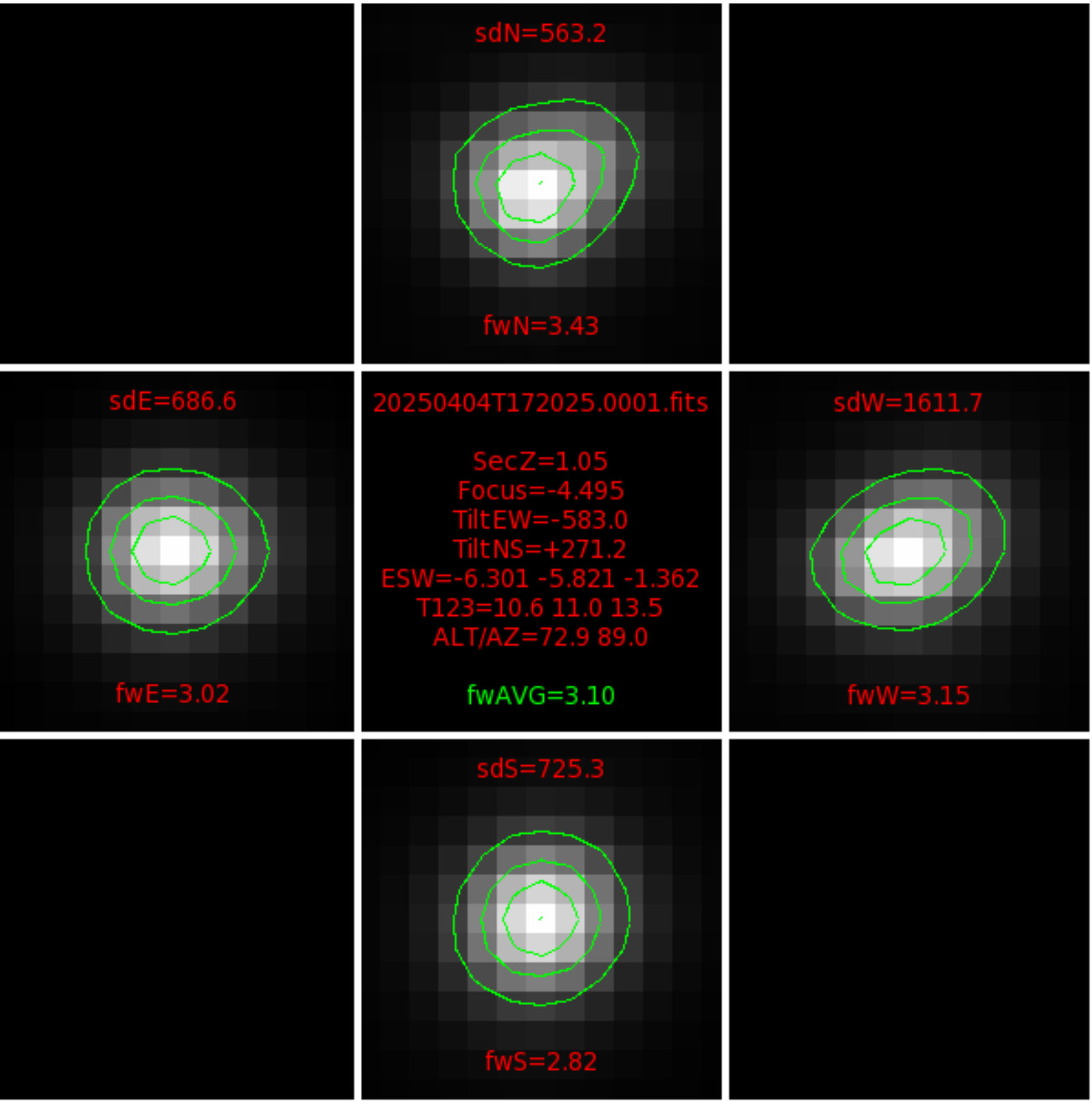
sdN=563.2
fwN=3.43
sdE=686.6
fwE=3.02
20250404T172025.0001.fits
SecZ=1.05
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 11.0 13.5
ALT/AZ=72.9 89.0
fwAVG=3.10
sdW=1611.7
fwW=3.15
sdS=725.3
fwS=2.82
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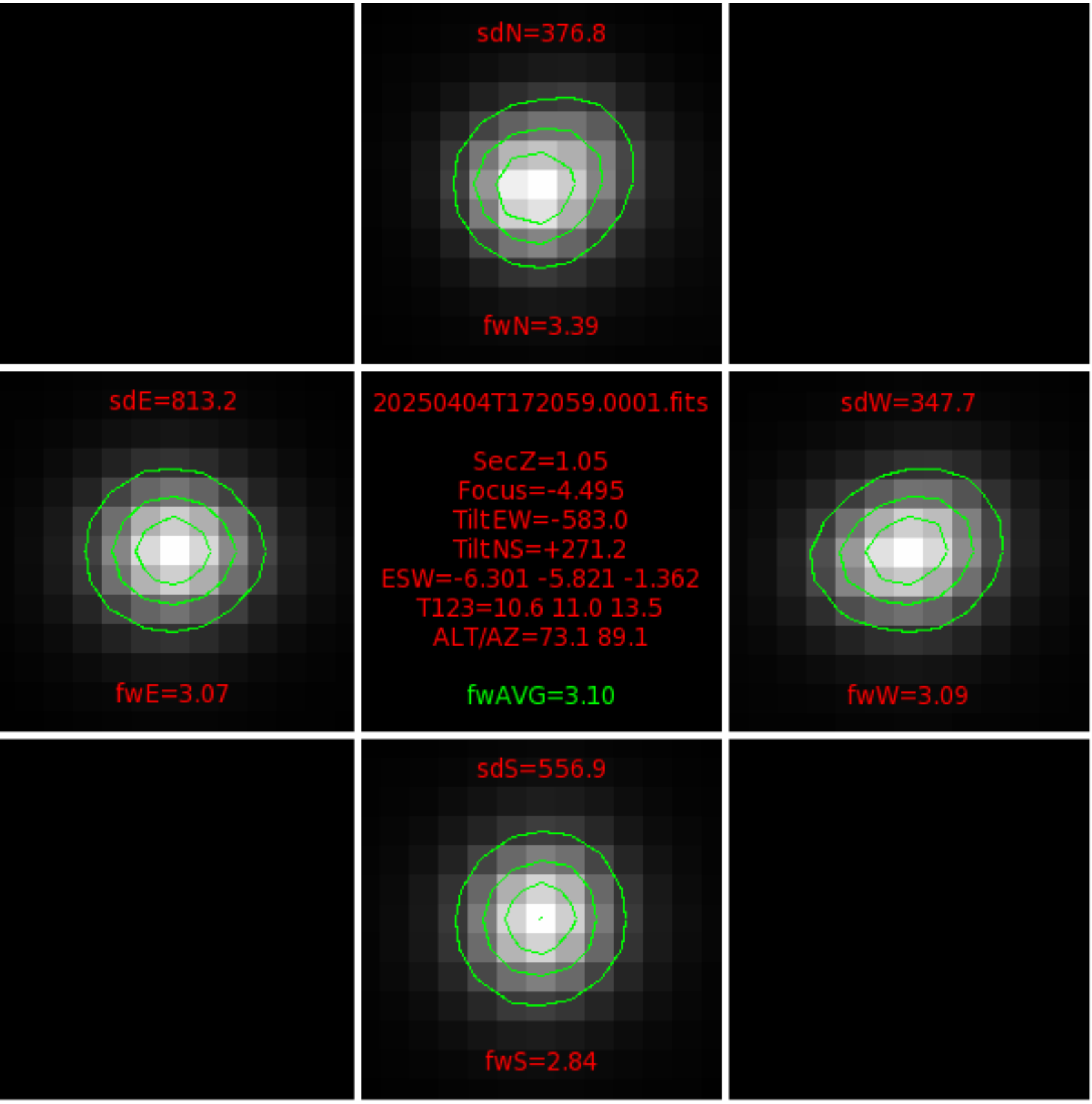
sdN=376.8
fwN=3.39
sdE=813.2
fwE=3.07
20250404T172059.0001.fits
SecZ=1.05
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 11.0 13.5
ALT/AZ=73.1 89.1
fwAVG=3.10
sdW=347.7
fwW=3.09
sdS=556.9
fwS=2.84
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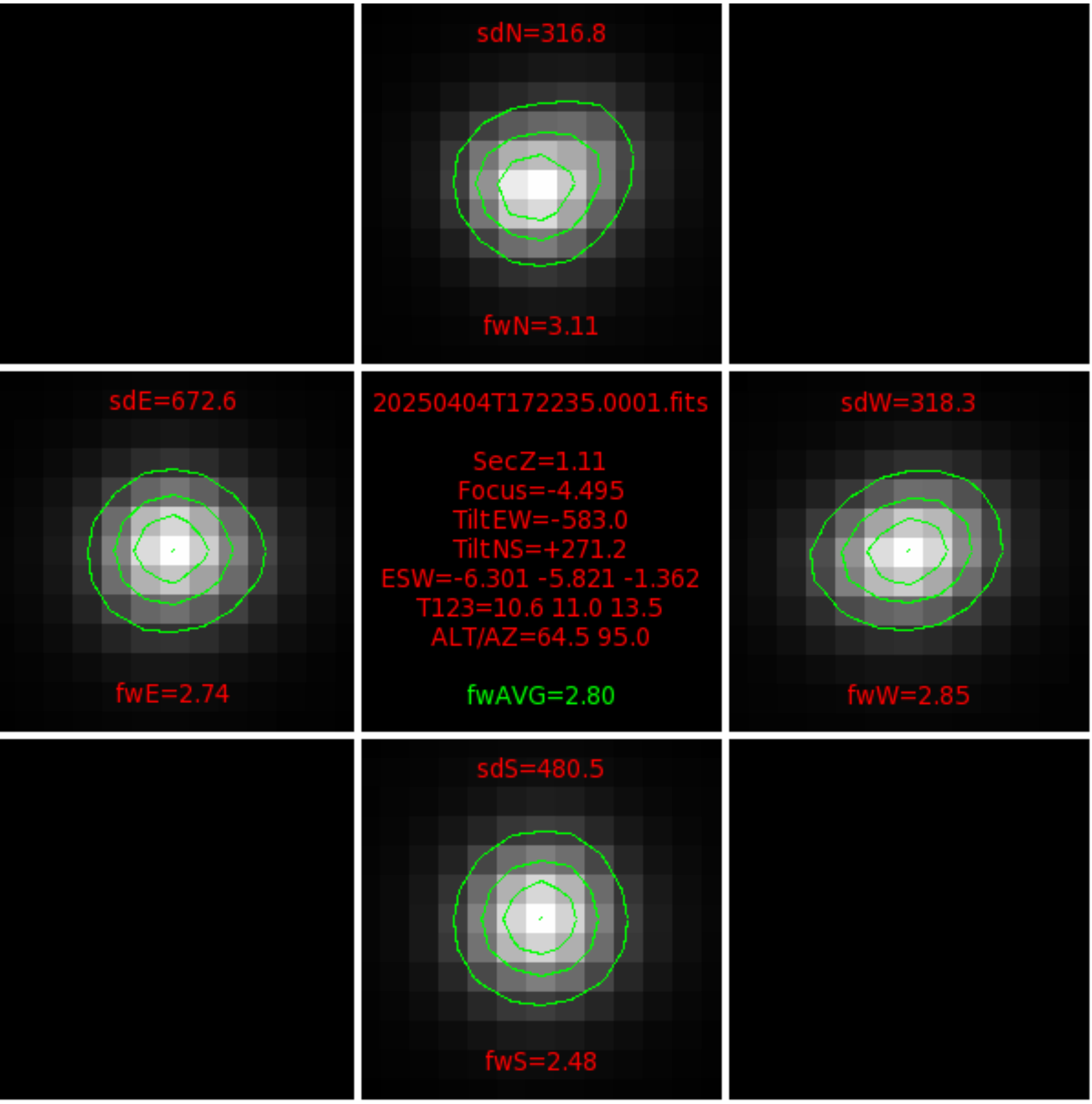
sdN=316.8
fwN=3.11
sdE=672.6
fwE=2.74
20250404T172235.0001.fits
SecZ=1.11
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 11.0 13.5
ALT/AZ=64.5 95.0
fwAVG=2.80
sdW=318.3
fwW=2.85
sdS=480.5
fwS=2.48
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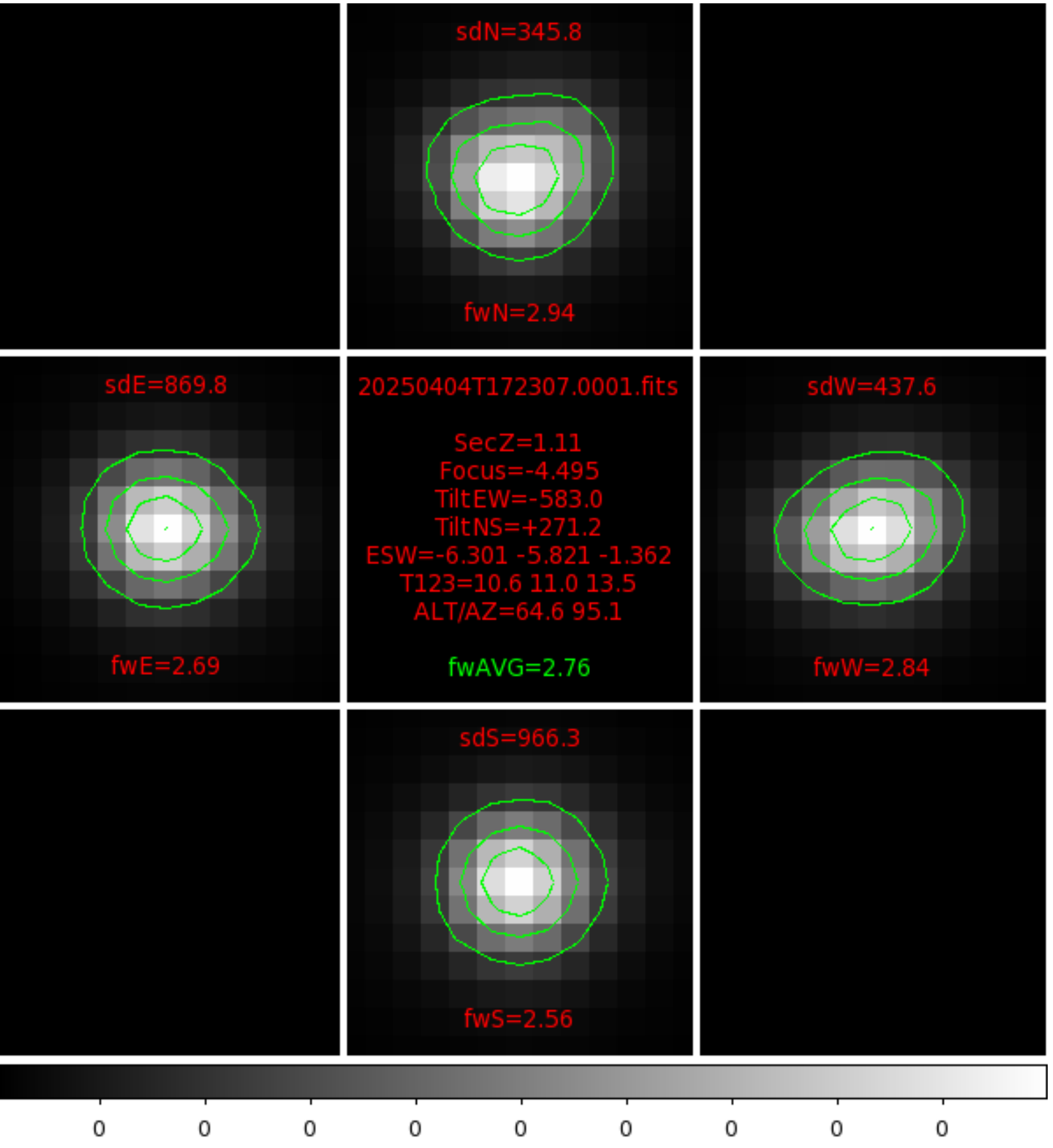
sdN=345.8
fwN=2.94
sdE=869.8
fwE=2.69
20250404T172307.0001.fits
SecZ=1.11
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.6 11.0 13.5
ALT/AZ=64.6 95.1
fwAVG=2.76
sdW=437.6
fwW=2.84
sdS=966.3
fwS=2.56
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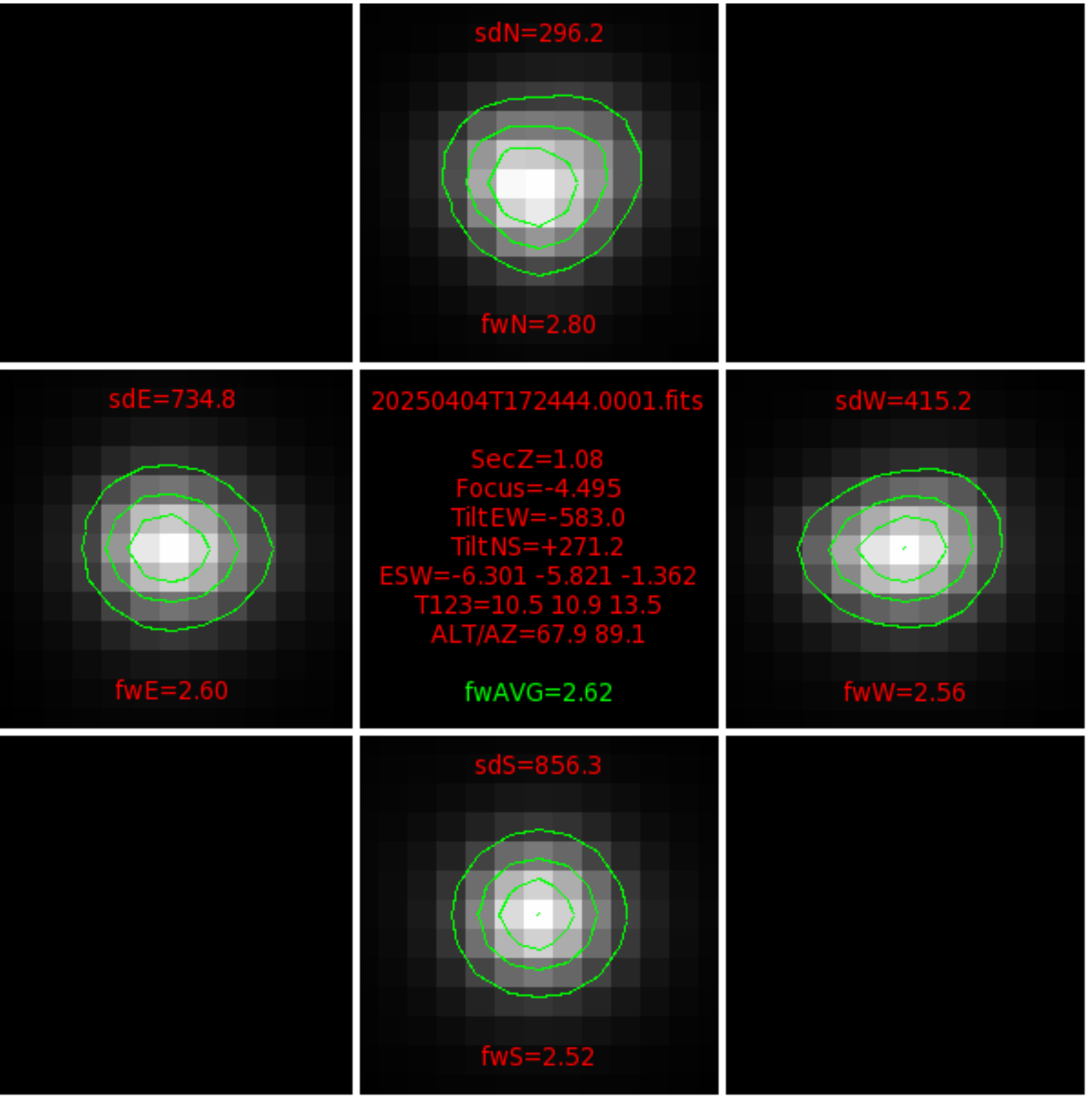
sdN=296.2
fwN=2.80
sdE=734.8
fwE=2.60
20250404T172444.0001.fits
SecZ=1.08
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.5 10.9 13.5
ALT/AZ=67.9 89.1
fwAVG=2.62
sdW=415.2
fwW=2.56
sdS=856.3
fwS=2.52
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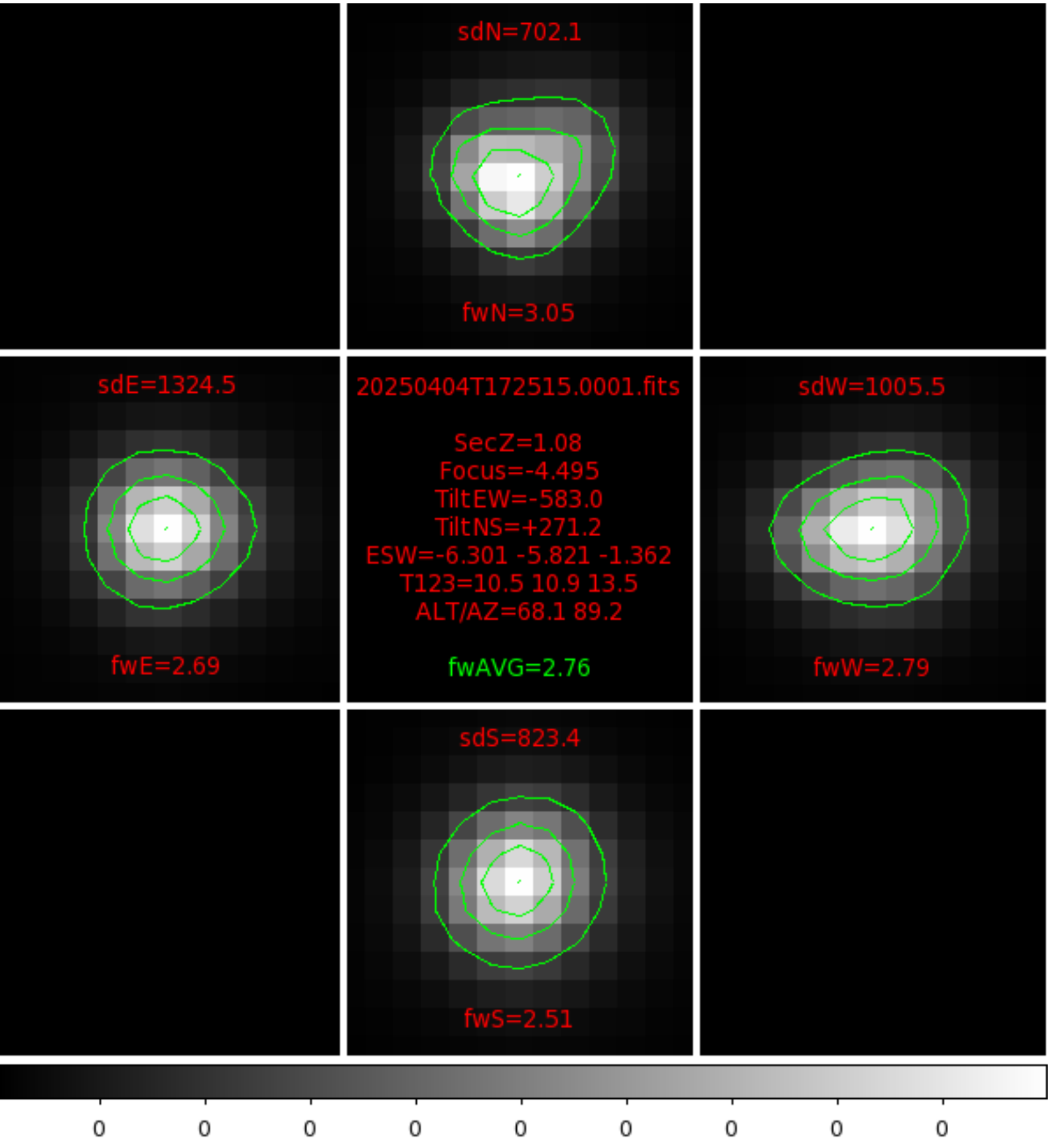
sdN=702.1
fwN=3.05
sdE=1324.5
fwE=2.69
20250404T172515.0001.fits
SecZ=1.08
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.5 10.9 13.5
ALT/AZ=68.1 89.2
fwAVG=2.76
sdW=1005.5
fwW=2.79
sdS=823.4
fwS=2.51
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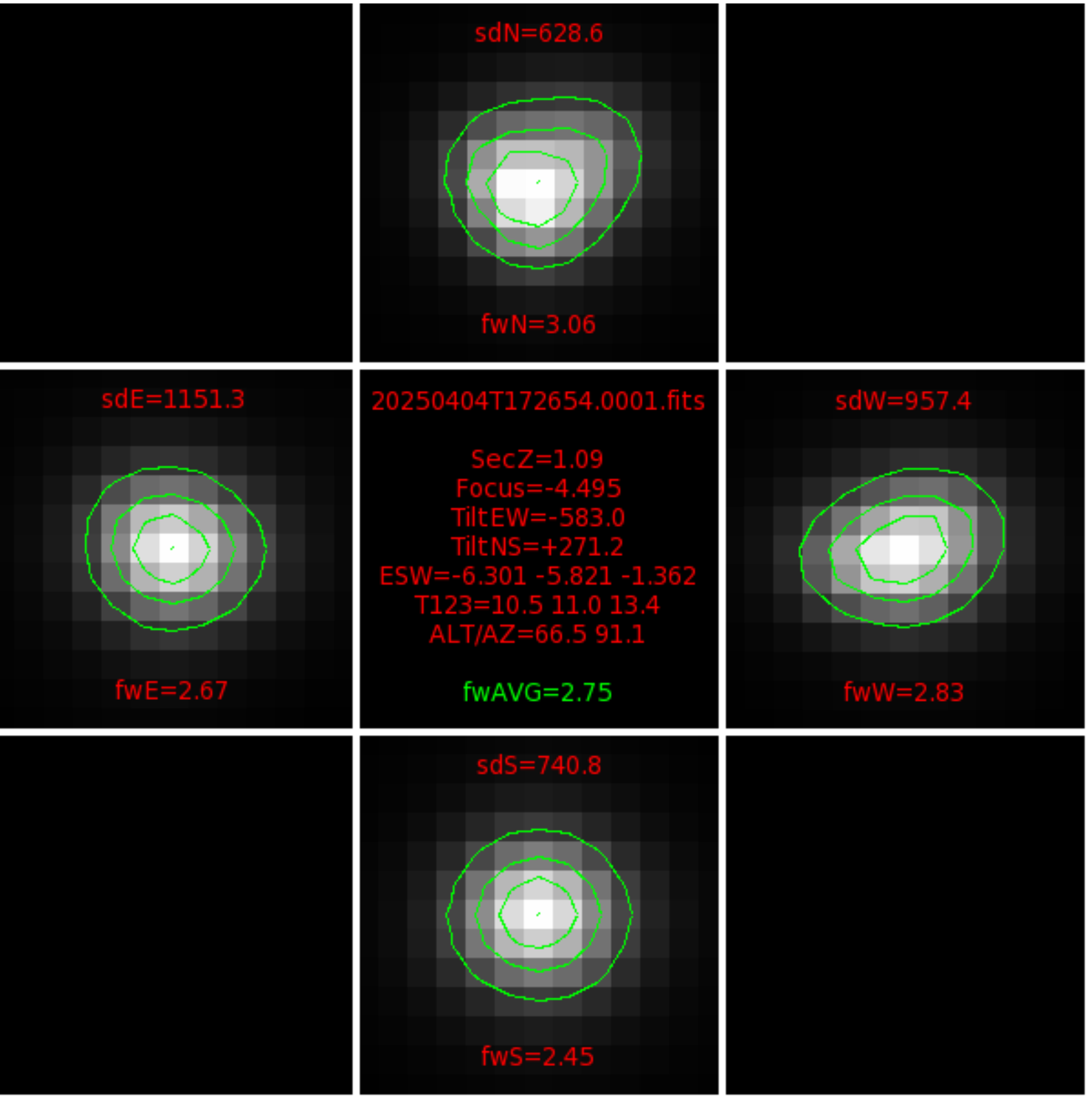
sdN=628.6
fwN=3.06
sdE=1151.3
fwE=2.67
20250404T172654.0001.fits
SecZ=1.09
Focus=-4.495
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.301 -5.821 -1.362
T123=10.5 11.0 13.4
ALT/AZ=66.5 91.1
fwAVG=2.75
sdW=957.4
fwW=2.83
sdS=740.8
fwS=2.45
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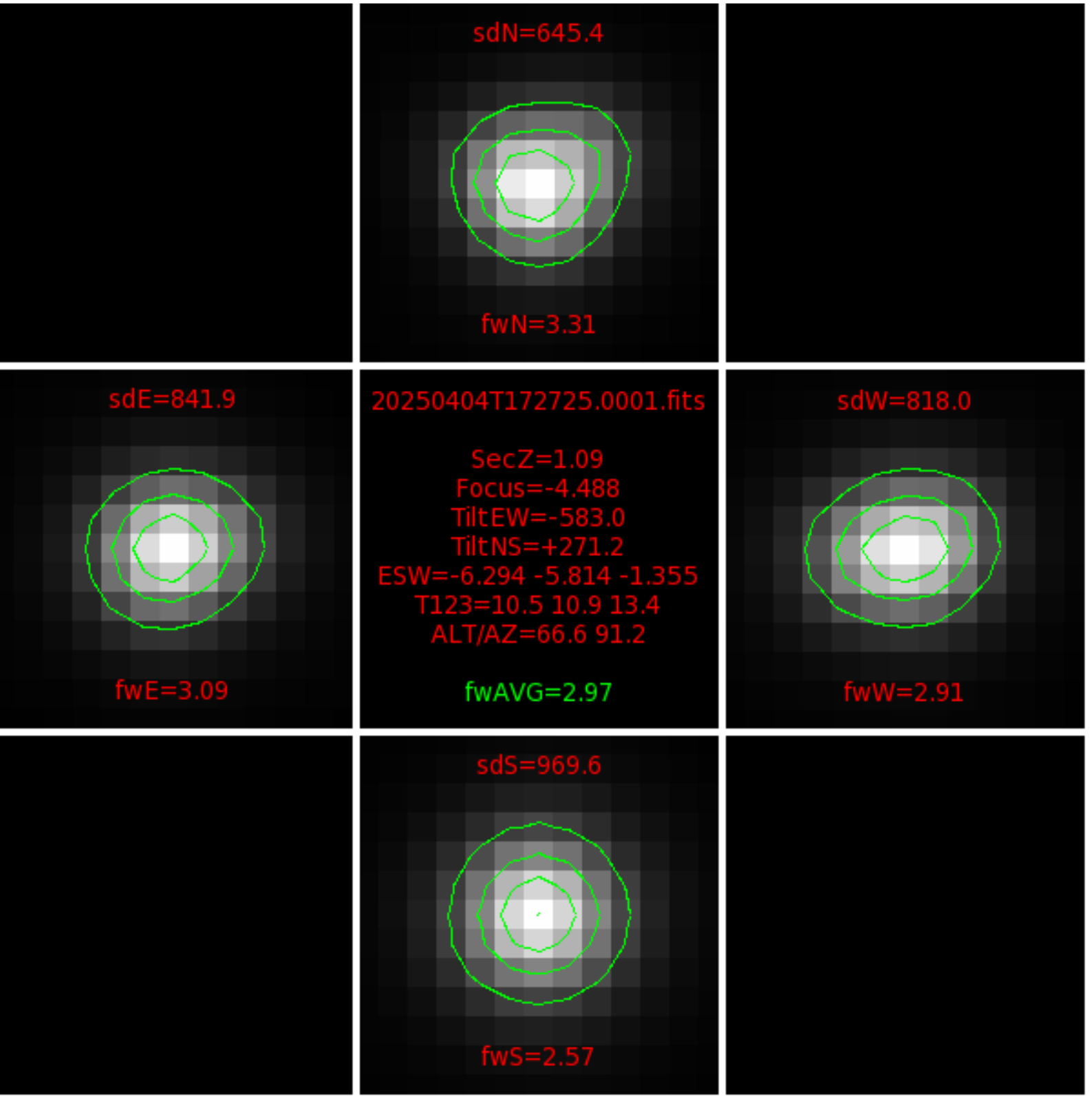
sdN=645.4
fwN=3.31
sdE=841.9
fwE=3.09
20250404T172725.0001.fits
SecZ=1.09
Focus=-4.488
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.294 -5.814 -1.355
T123=10.5 10.9 13.4
ALT/AZ=66.6 91.2
fwAVG=2.97
sdW=818.0
fwW=2.91
sdS=969.6
fwS=2.57
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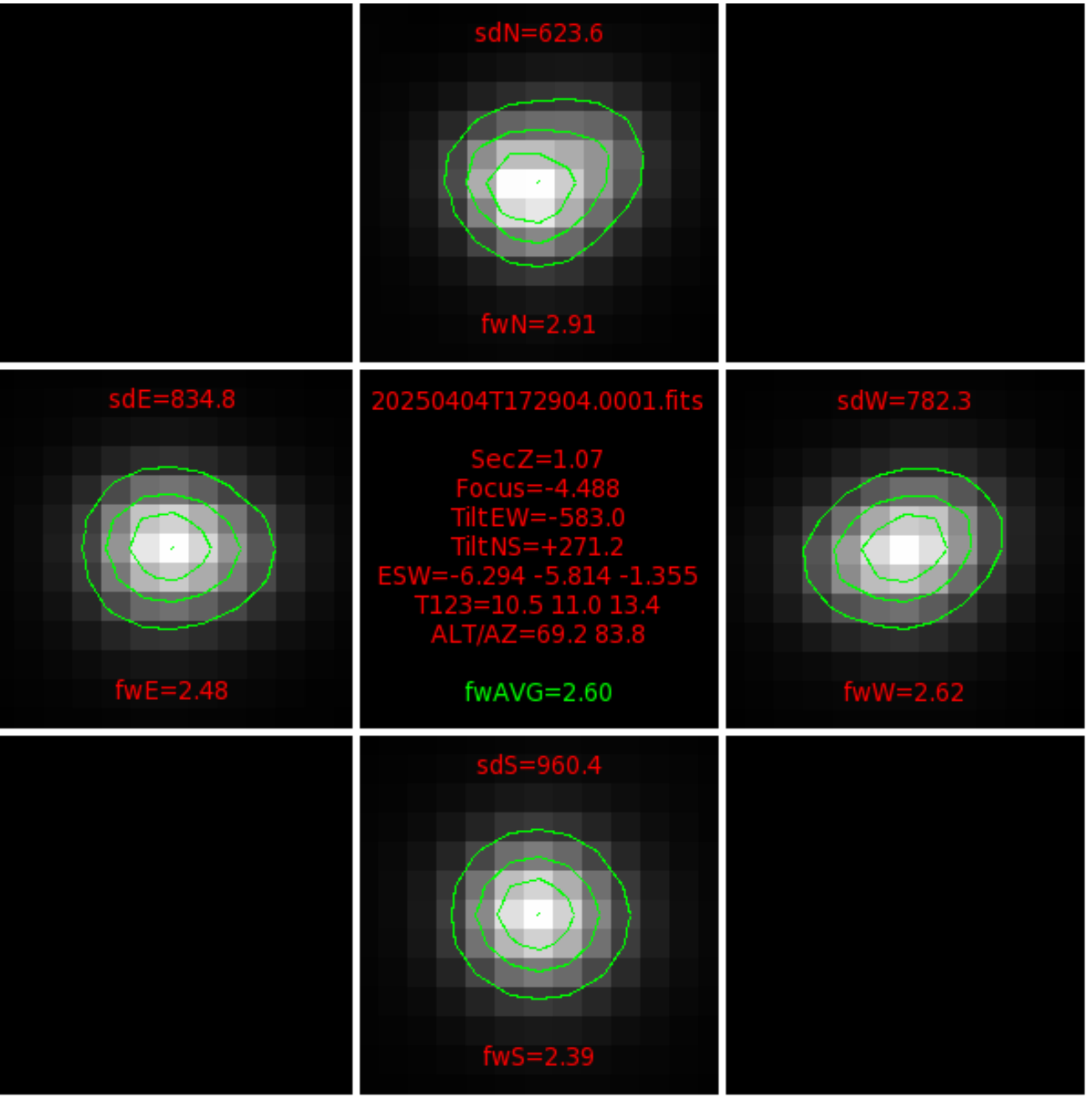
sdN=623.6
fwN=2.91
sdE=834.8
fwE=2.48
20250404T172904.0001.fits
SecZ=1.07
Focus=-4.488
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.294 -5.814 -1.355
T123=10.5 11.0 13.4
ALT/AZ=69.2 83.8
fwAVG=2.60
sdW=782.3
fwW=2.62
sdS=960.4
fwS=2.39
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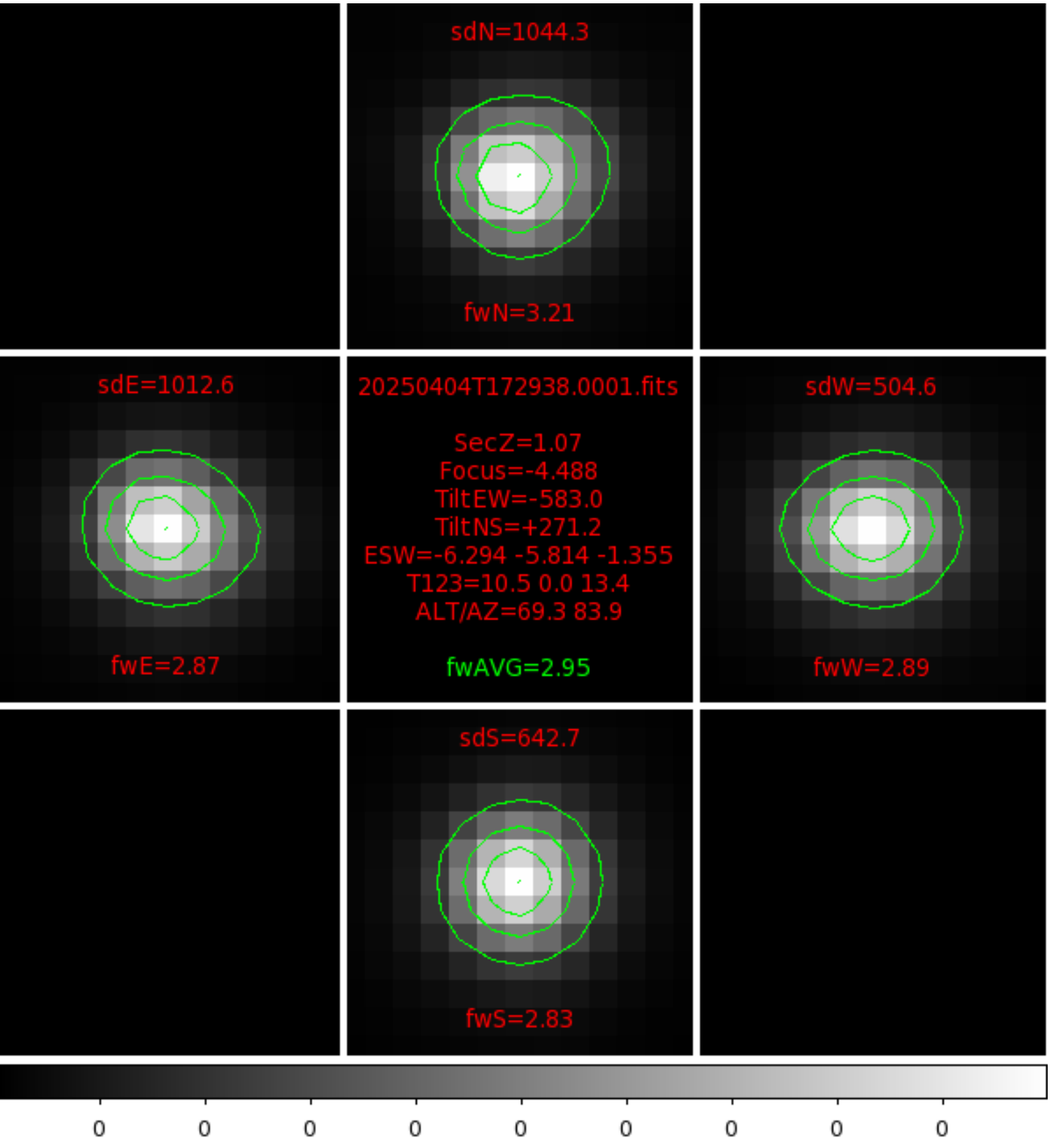
sdN=1044.3
fwN=3.21
sdE=1012.6
fwE=2.87
20250404T172938.0001.fits
SecZ=1.07
Focus=-4.488
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.294 -5.814 -1.355
T123=10.5 0.0 13.4
ALT/AZ=69.3 83.9
fwAVG=2.95
sdW=504.6
fwW=2.89
sdS=642.7
fwS=2.83
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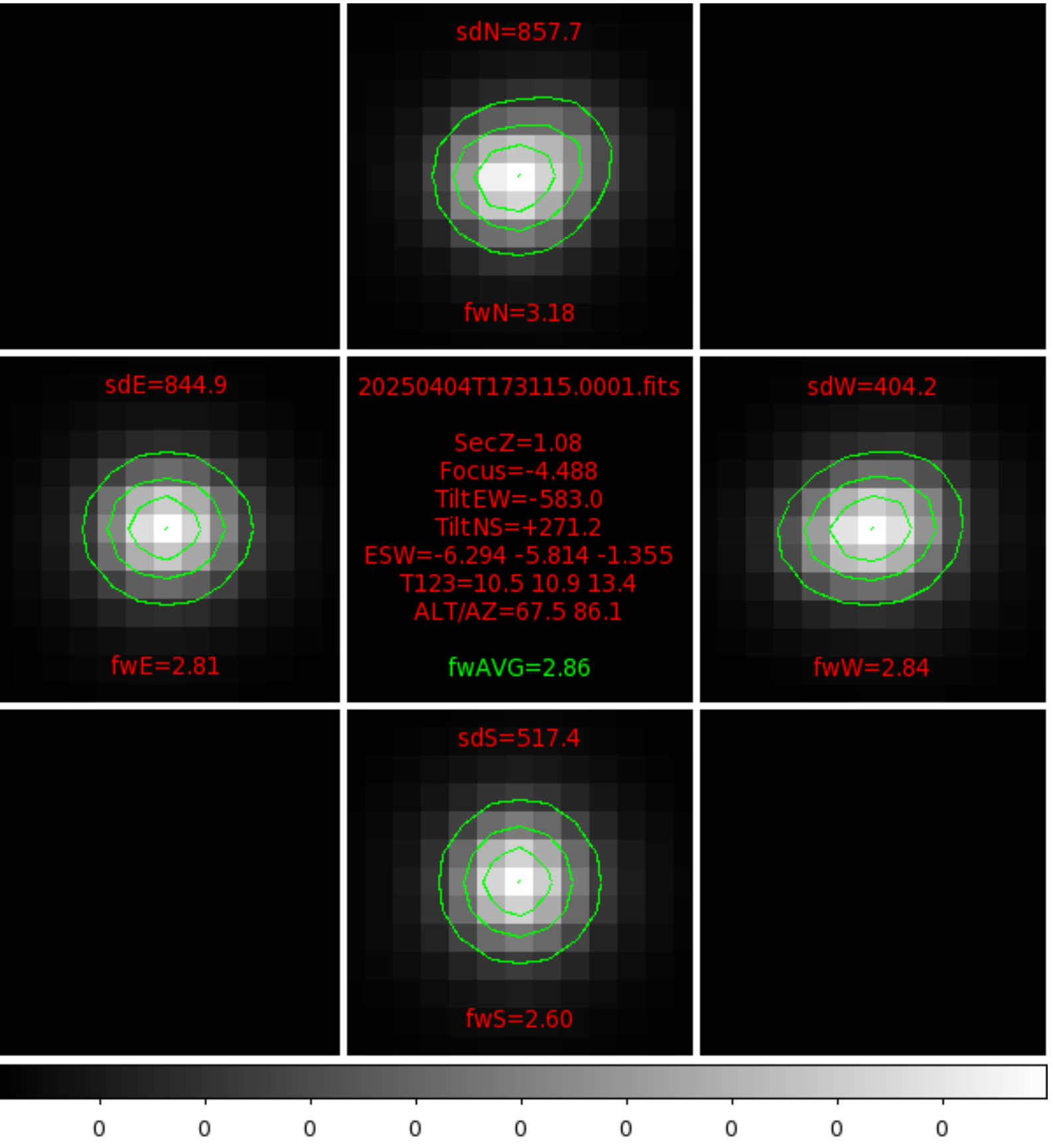
sdN=857.7
fwN=3.18
sdE=844.9
fwE=2.81
20250404T173115.0001.fits
SecZ=1.08
Focus=-4.488
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.294 -5.814 -1.355
T123=10.5 10.9 13.4
ALT/AZ=67.5 86.1
fwAVG=2.86
sdW=404.2
fwW=2.84
sdS=517.4
fwS=2.60
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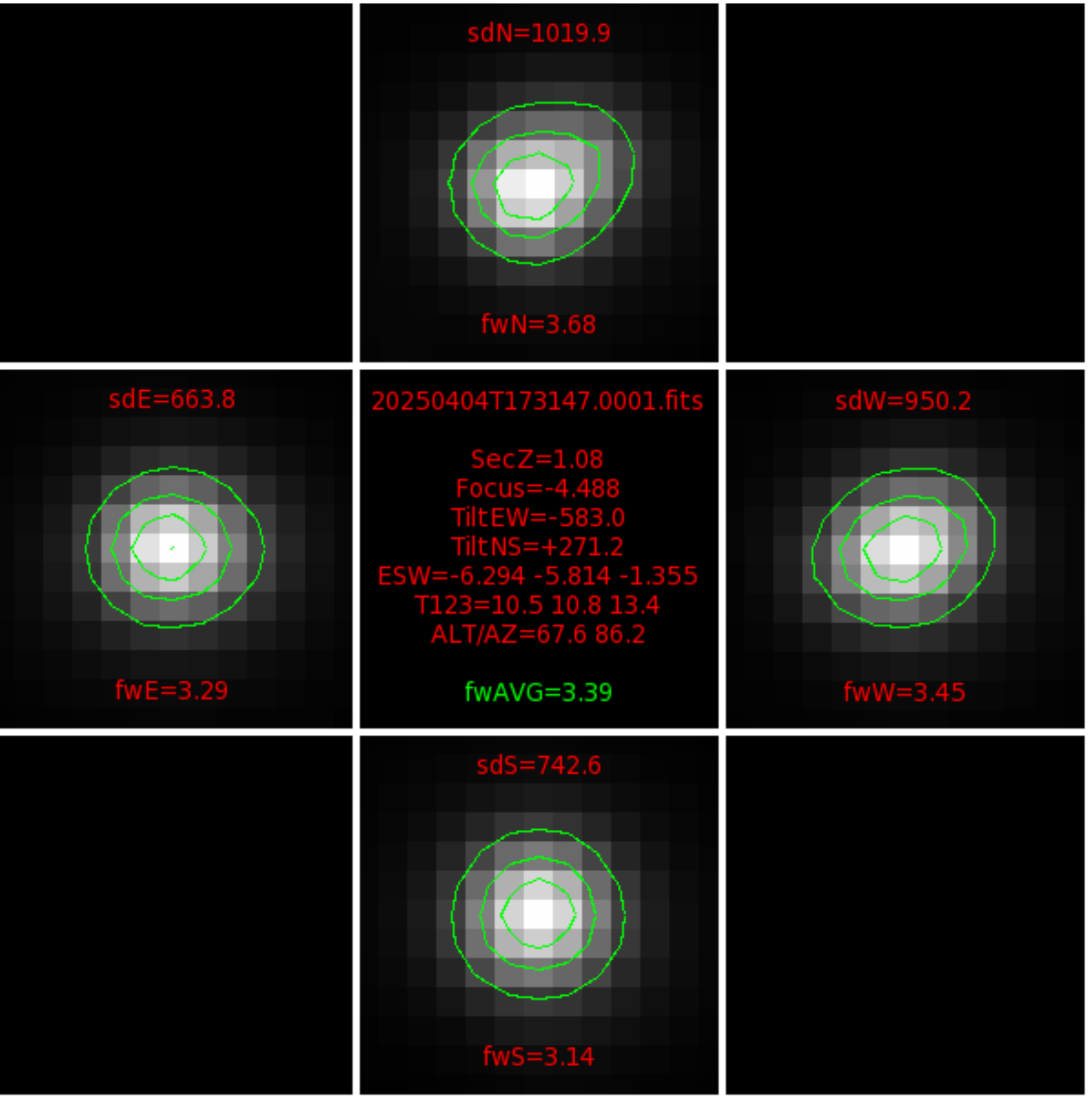
sdN=1019.9
fwN=3.68
sdE=663.8
fwE=3.29
20250404T173147.0001.fits
SecZ=1.08
Focus=-4.488
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.294 -5.814 -1.355
T123=10.5 10.8 13.4
ALT/AZ=67.6 86.2
fwAVG=3.39
sdW=950.2
fwW=3.45
sdS=742.6
fwS=3.14
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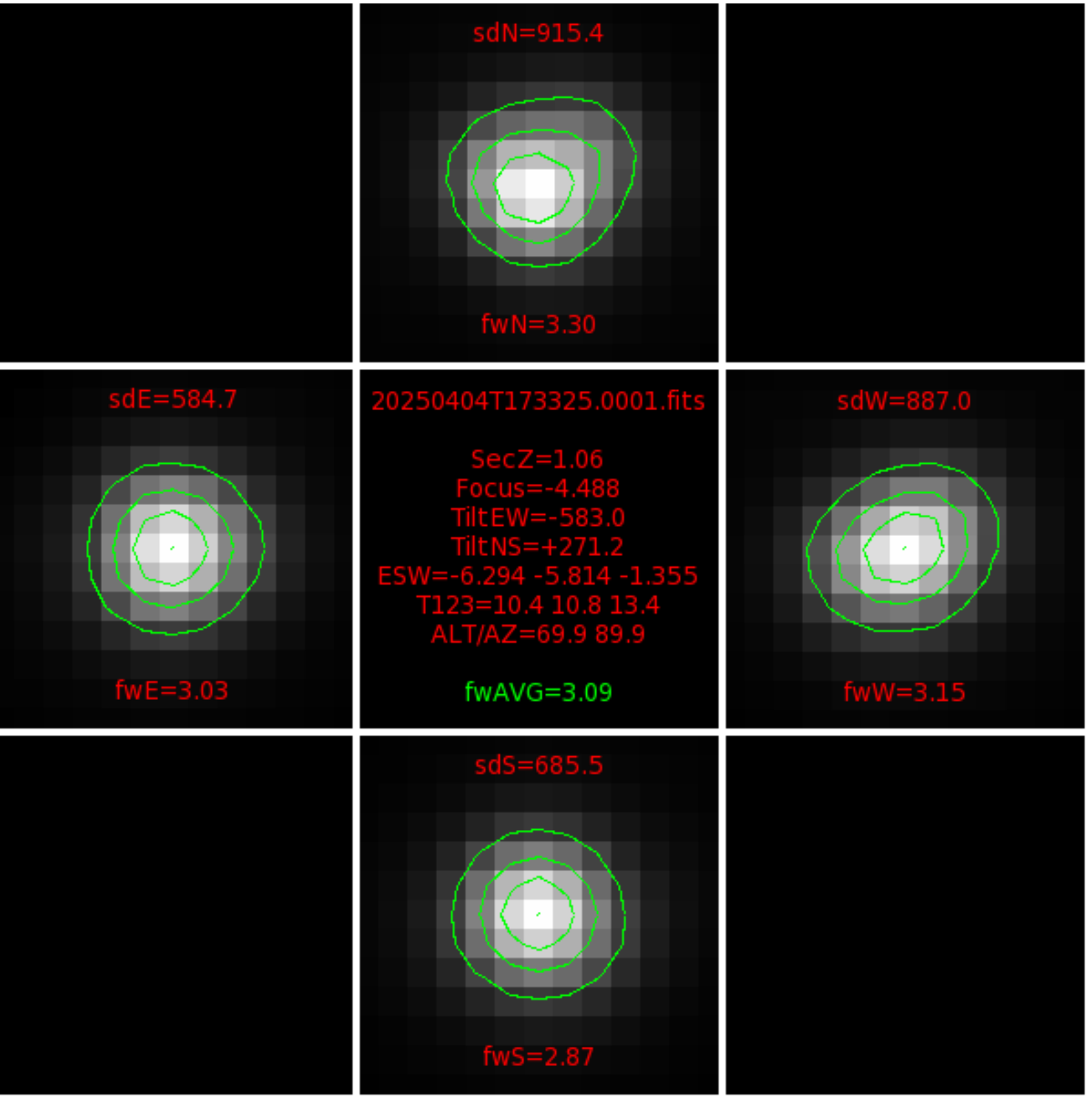
sdN=915.4
fwN=3.30
sdE=584.7
fwE=3.03
20250404T173325.0001.fits
SecZ=1.06
Focus=-4.488
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.294 -5.814 -1.355
T123=10.4 10.8 13.4
ALT/AZ=69.9 89.9
fwAVG=3.09
sdW=887.0
fwW=3.15
sdS=685.5
fwS=2.87
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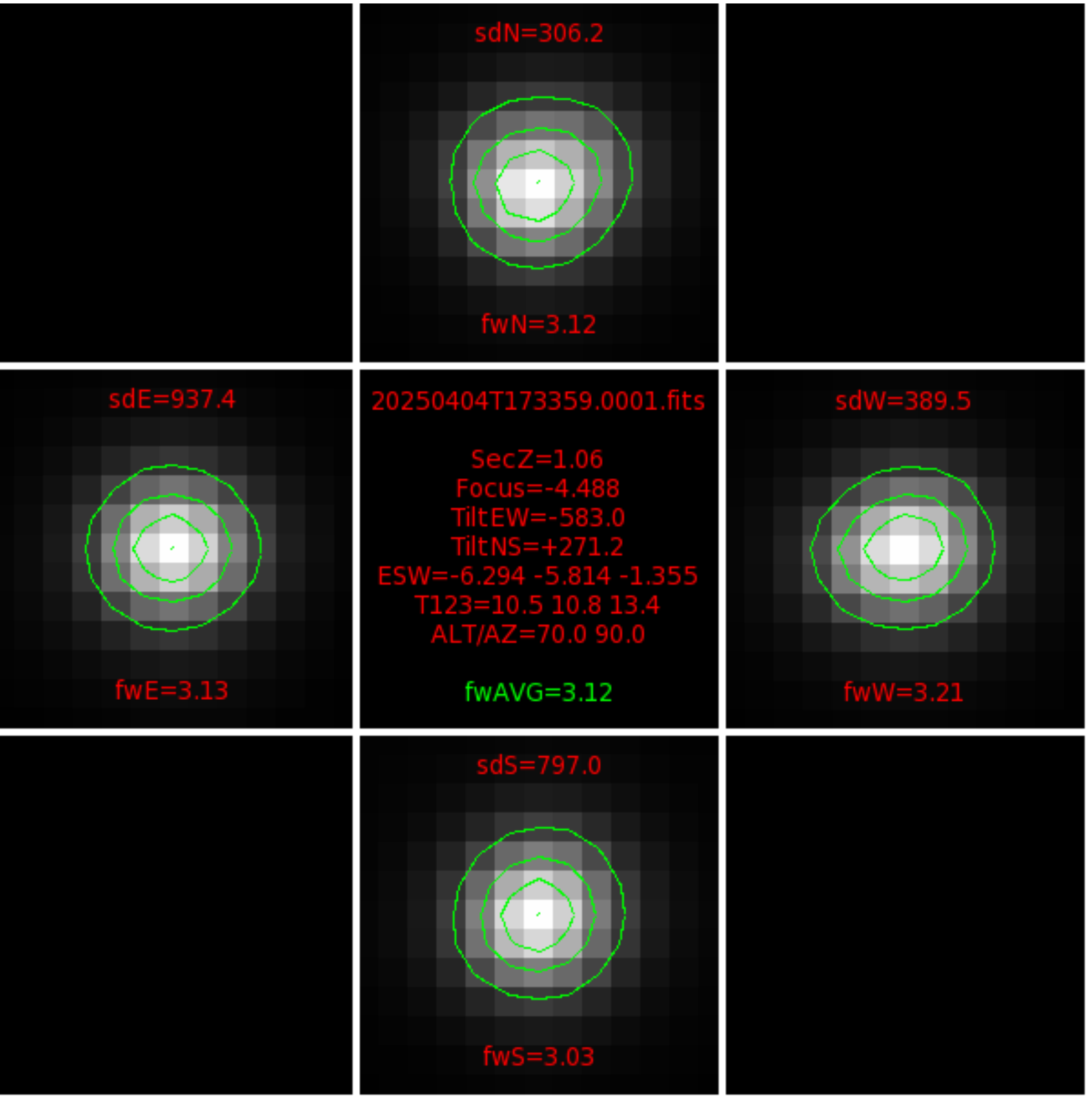
sdN=306.2
fwN=3.12
sdE=937.4
fwE=3.13
20250404T173359.0001.fits
SecZ=1.06
Focus=-4.488
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.294 -5.814 -1.355
T123=10.5 10.8 13.4
ALT/AZ=70.0 90.0
fwAVG=3.12
sdW=389.5
fwW=3.21
sdS=797.0
fwS=3.03
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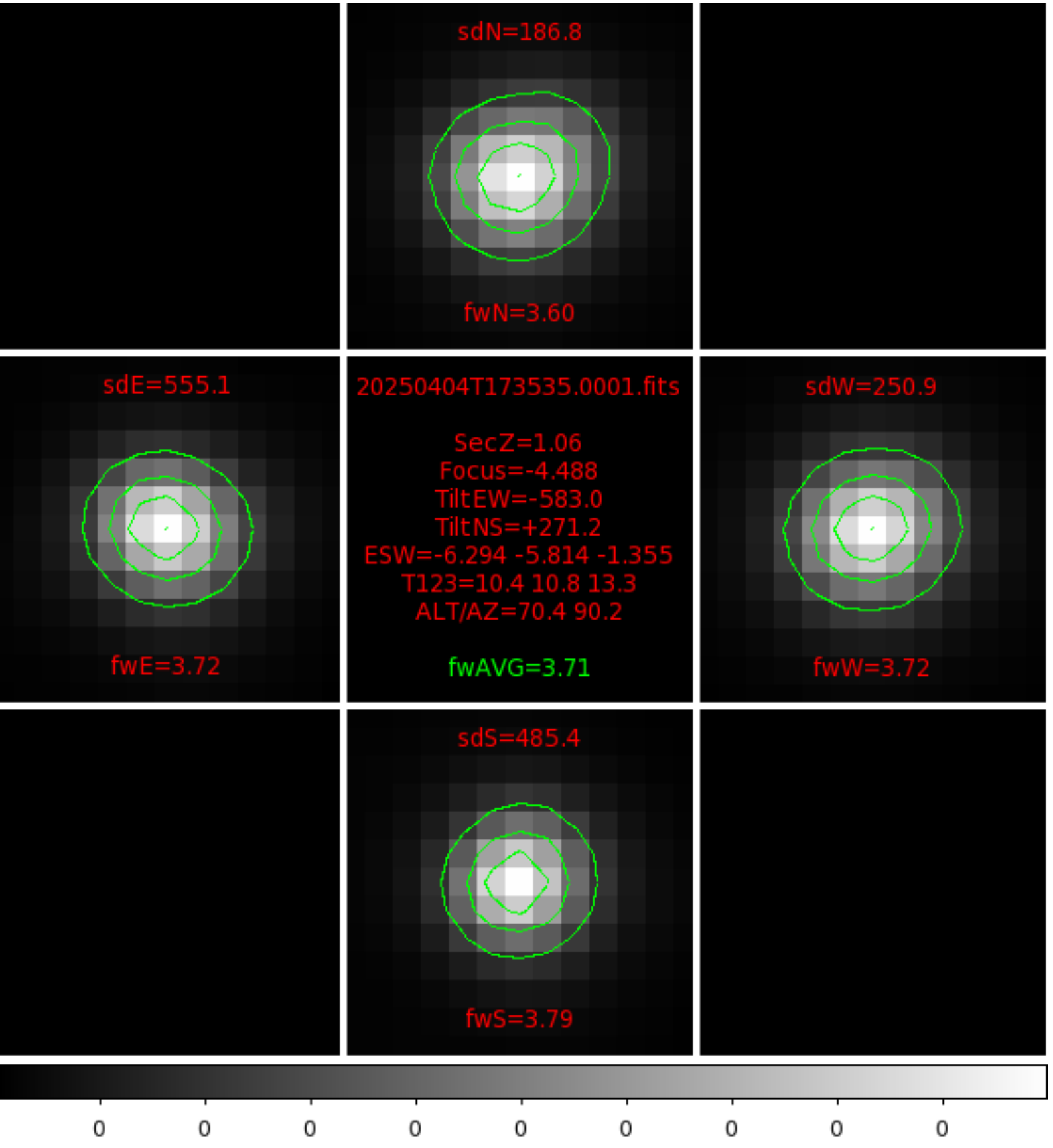
sdN=186.8
fwN=3.60
sdE=555.1
fwE=3.72
20250404T173535.0001.fits
SecZ=1.06
Focus=-4.488
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.294 -5.814 -1.355
T123=10.4 10.8 13.3
ALT/AZ=70.4 90.2
fwAVG=3.71
sdW=250.9
fwW=3.72
sdS=485.4
fwS=3.79
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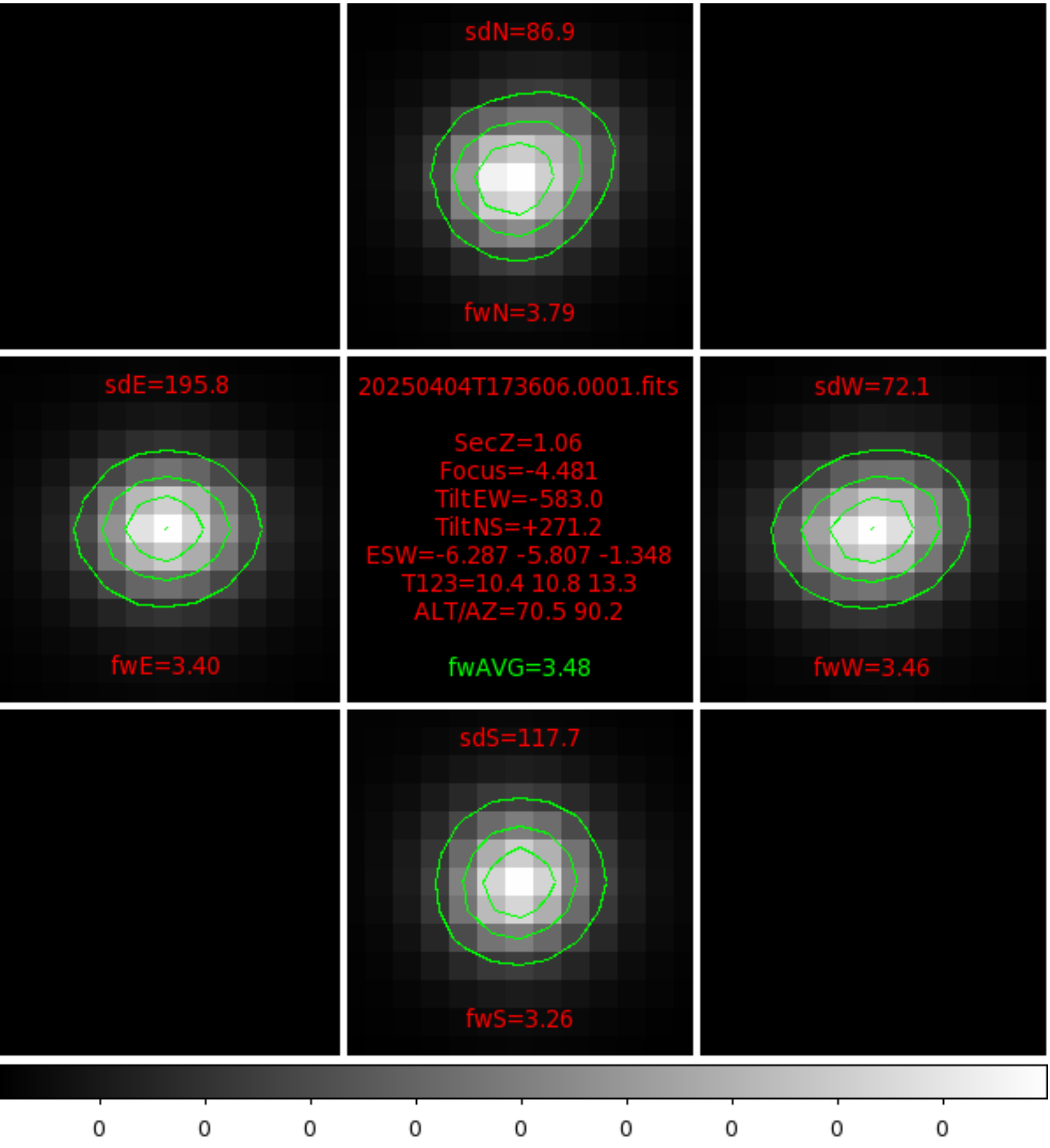
sdN=86.9
fwN=3.79
sdE=195.8
fwE=3.40
20250404T173606.0001.fits
SecZ=1.06
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 10.8 13.3
ALT/AZ=70.5 90.2
fwAVG=3.48
sdW=72.1
fwW=3.46
sdS=117.7
fwS=3.26
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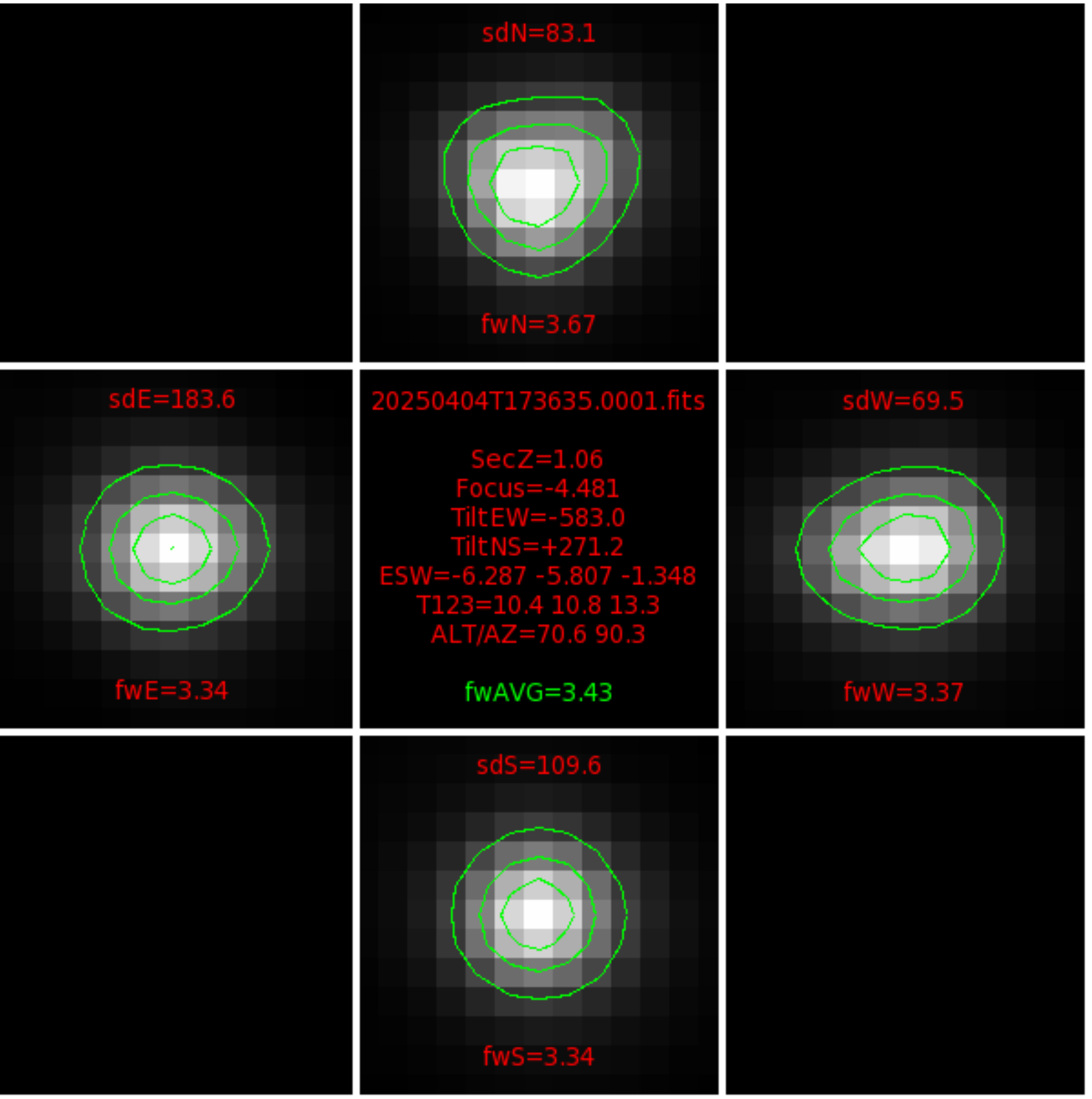
sdN=83.1
fwN=3.67
sdE=183.6
fwE=3.34
20250404T173635.0001.fits
SecZ=1.06
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 10.8 13.3
ALT/AZ=70.6 90.3
fwAVG=3.43
sdW=69.5
fwW=3.37
sdS=109.6
fwS=3.34
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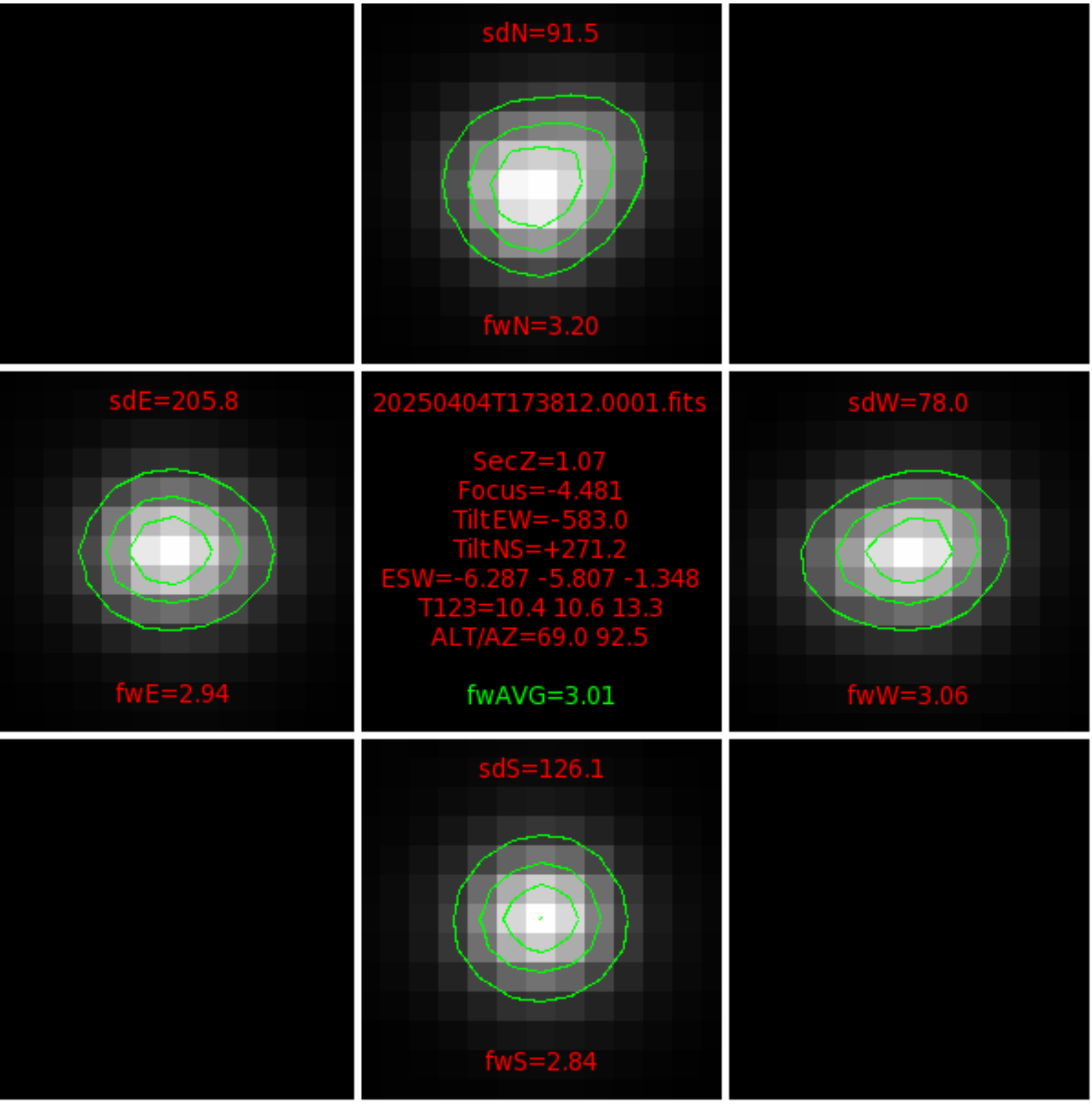
sdN=91.5
fwN=3.20
sdE=205.8
fwE=2.94
20250404T173812.0001.fits
SecZ=1.07
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 10.6 13.3
ALT/AZ=69.0 92.5
fwAVG=3.01
sdW=78.0
fwW=3.06
sdS=126.1
fwS=2.84
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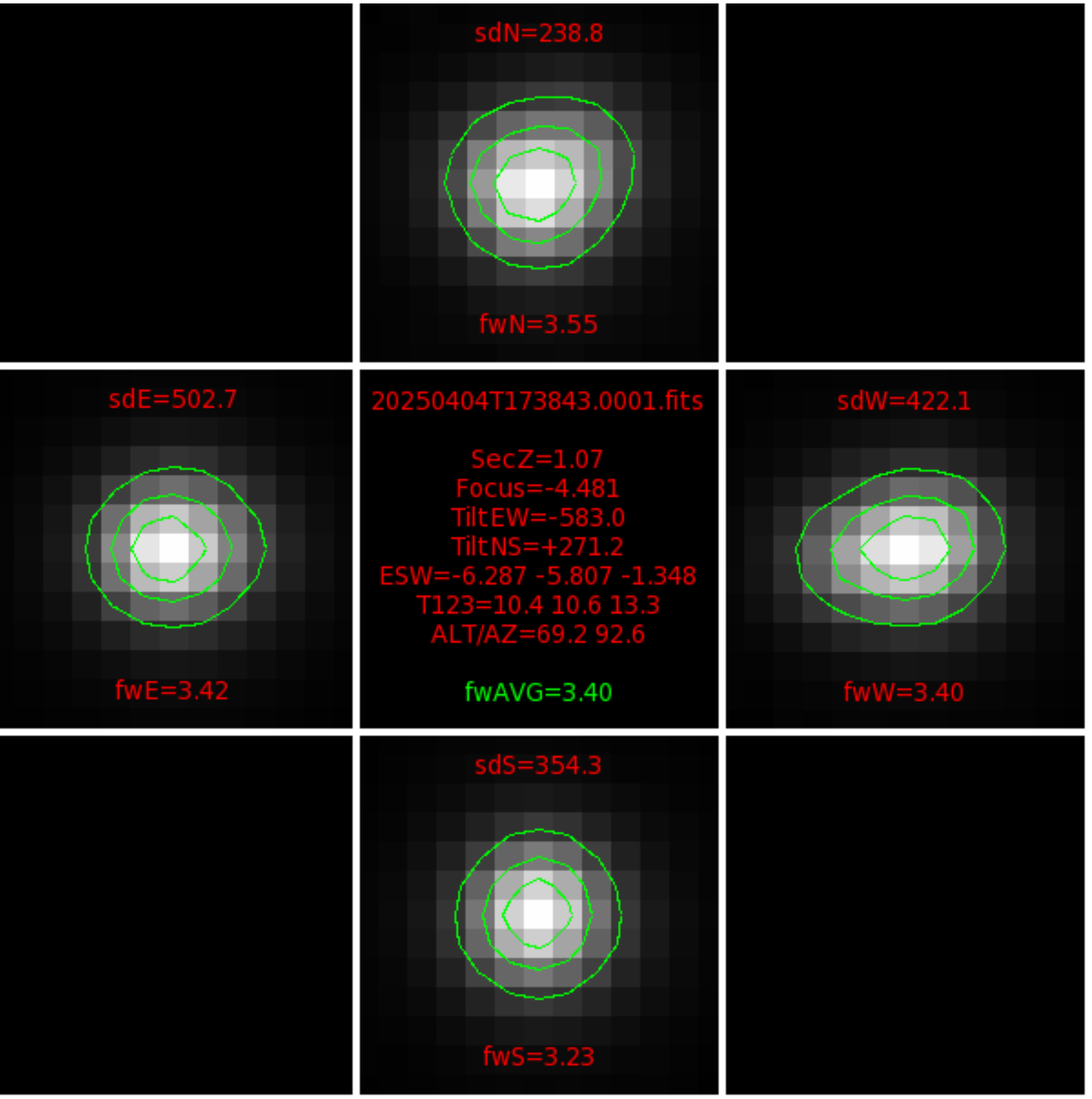
sdN=238.8
fwN=3.55
sdE=502.7
fwE=3.42
20250404T173843.0001.fits
SecZ=1.07
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 10.6 13.3
ALT/AZ=69.2 92.6
fwAVG=3.40
sdW=422.1
fwW=3.40
sdS=354.3
fwS=3.23
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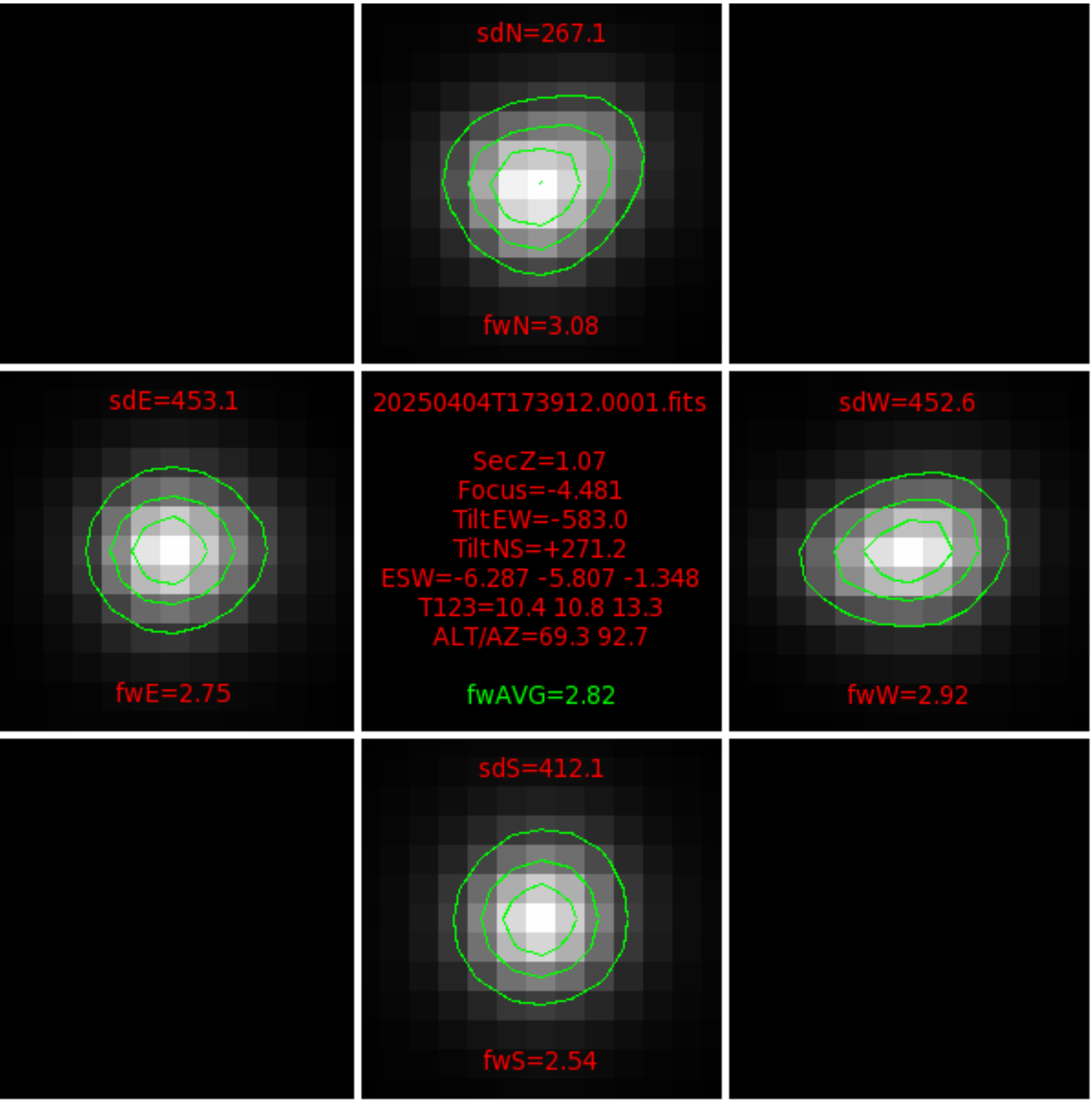
sdN=267.1
fwN=3.08
sdE=453.1
fwE=2.75
20250404T173912.0001.fits
SecZ=1.07
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 10.8 13.3
ALT/AZ=69.3 92.7
fwAVG=2.82
sdW=452.6
fwW=2.92
sdS=412.1
fwS=2.54
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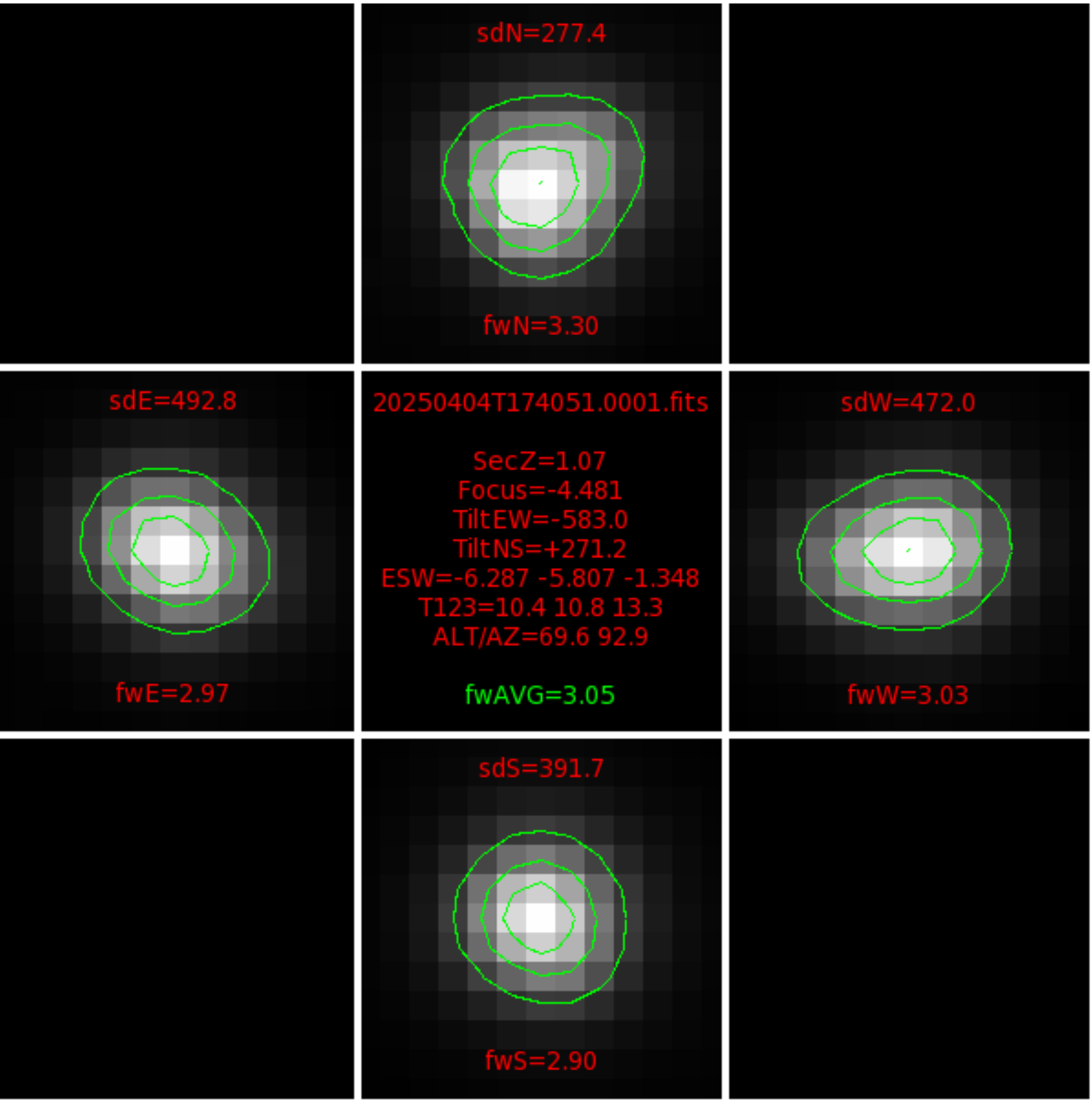
sdN=277.4
fwN=3.30
sdE=492.8
fwE=2.97
20250404T174051.0001.fits
SecZ=1.07
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 10.8 13.3
ALT/AZ=69.6 92.9
fwAVG=3.05
sdW=472.0
fwW=3.03
sdS=391.7
fwS=2.90
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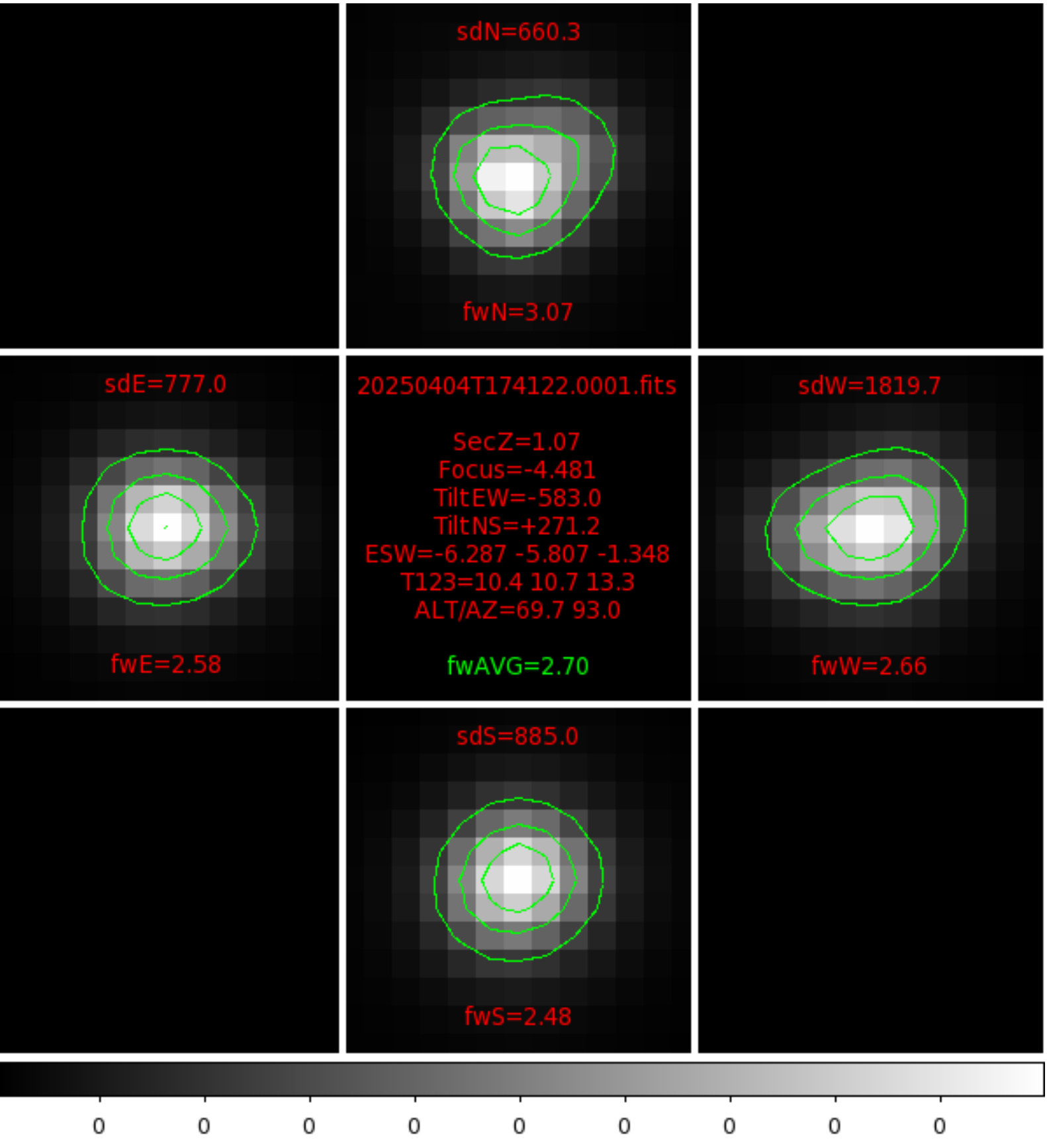
sdN=660.3
fwN=3.07
sdE=777.0
fwE=2.58
20250404T174122.0001.fits
SecZ=1.07
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 10.7 13.3
ALT/AZ=69.7 93.0
fwAVG=2.70
sdW=1819.7
fwW=2.66
sdS=885.0
fwS=2.48
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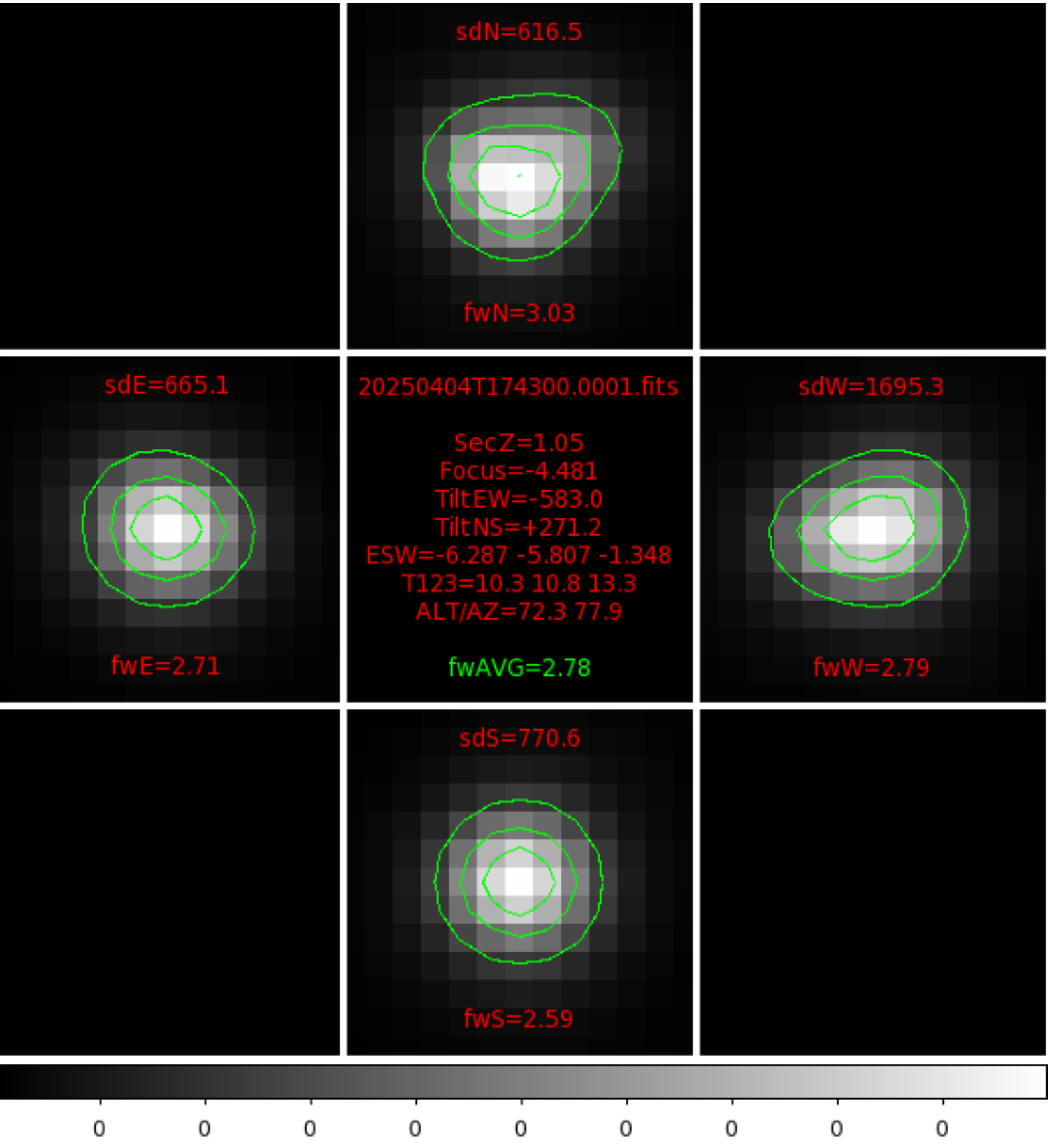
sdN=616.5
fwN=3.03
sdE=665.1
fwE=2.71
20250404T174300.0001.fits
SecZ=1.05
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.3 10.8 13.3
ALT/AZ=72.3 77.9
fwAVG=2.78
sdW=1695.3
fwW=2.79
sdS=770.6
fwS=2.59
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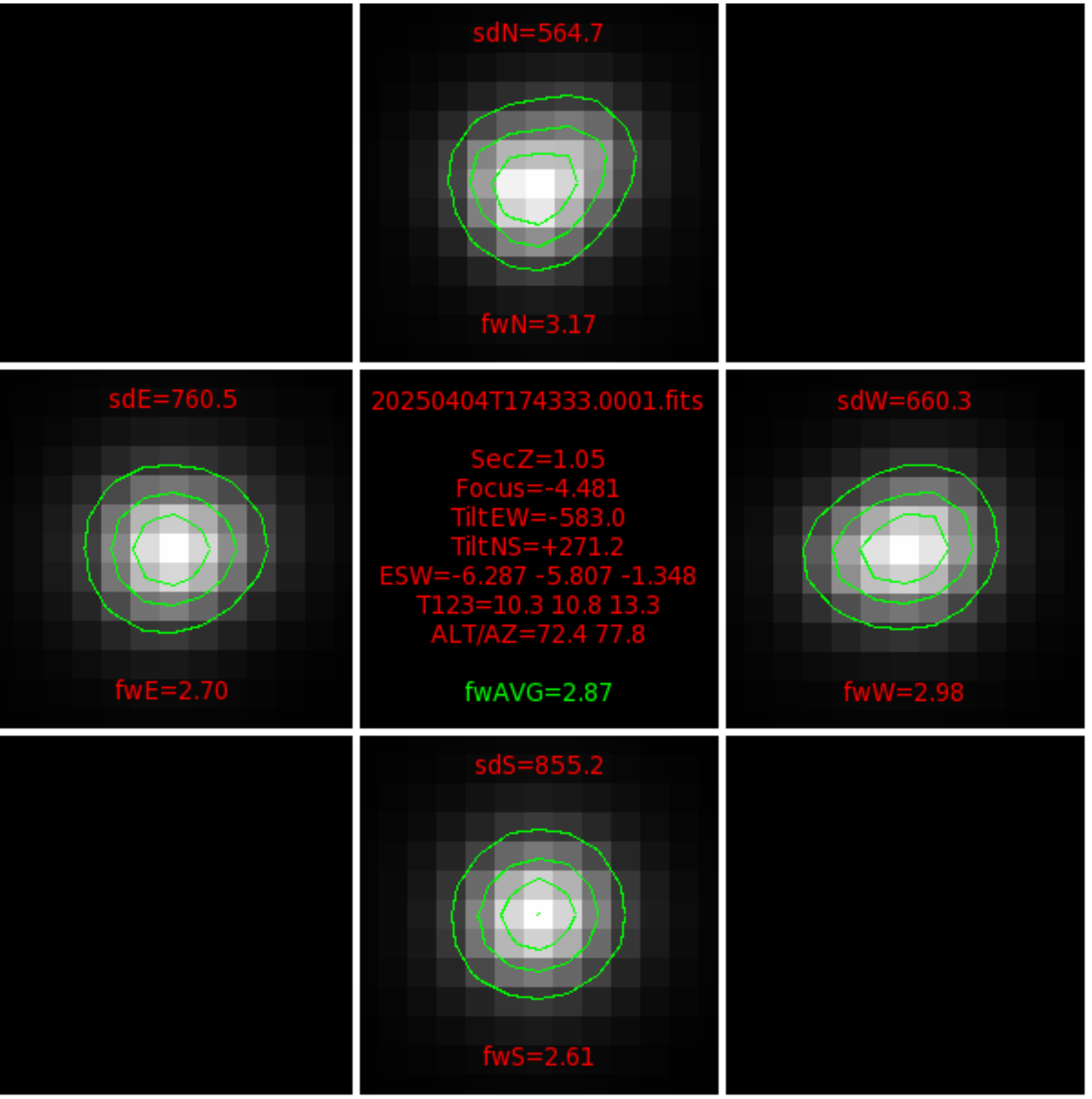
sdN=564.7
fwN=3.17
sdE=760.5
fwE=2.70
20250404T174333.0001.fits
SecZ=1.05
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.3 10.8 13.3
ALT/AZ=72.4 77.8
fwAVG=2.87
sdW=660.3
fwW=2.98
sdS=855.2
fwS=2.61
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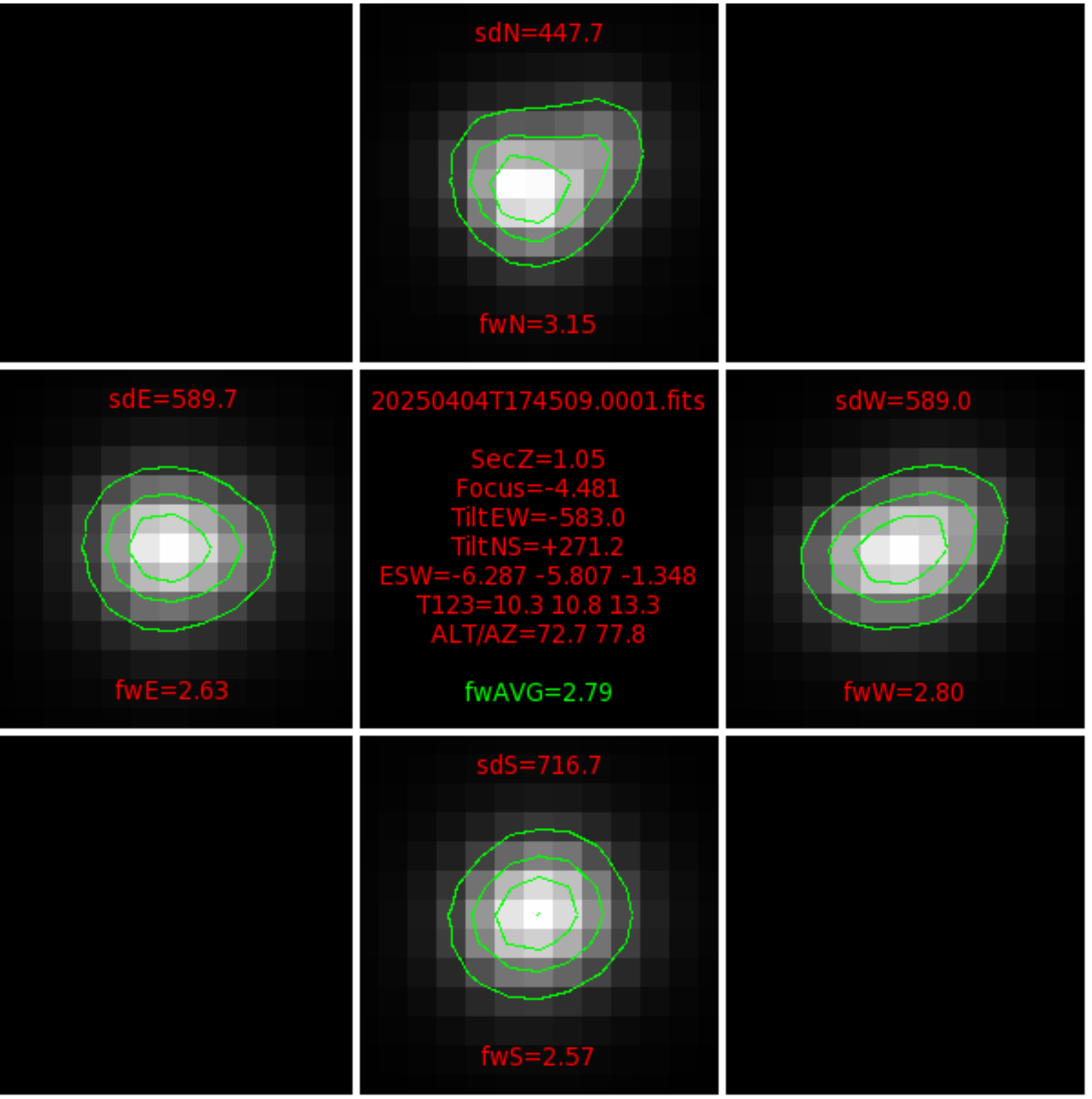
sdN=447.7
fwN=3.15
sdE=589.7
fwE=2.63
20250404T174509.0001.fits
SecZ=1.05
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.3 10.8 13.3
ALT/AZ=72.7 77.8
fwAVG=2.79
sdW=589.0
fwW=2.80
sdS=716.7
fwS=2.57
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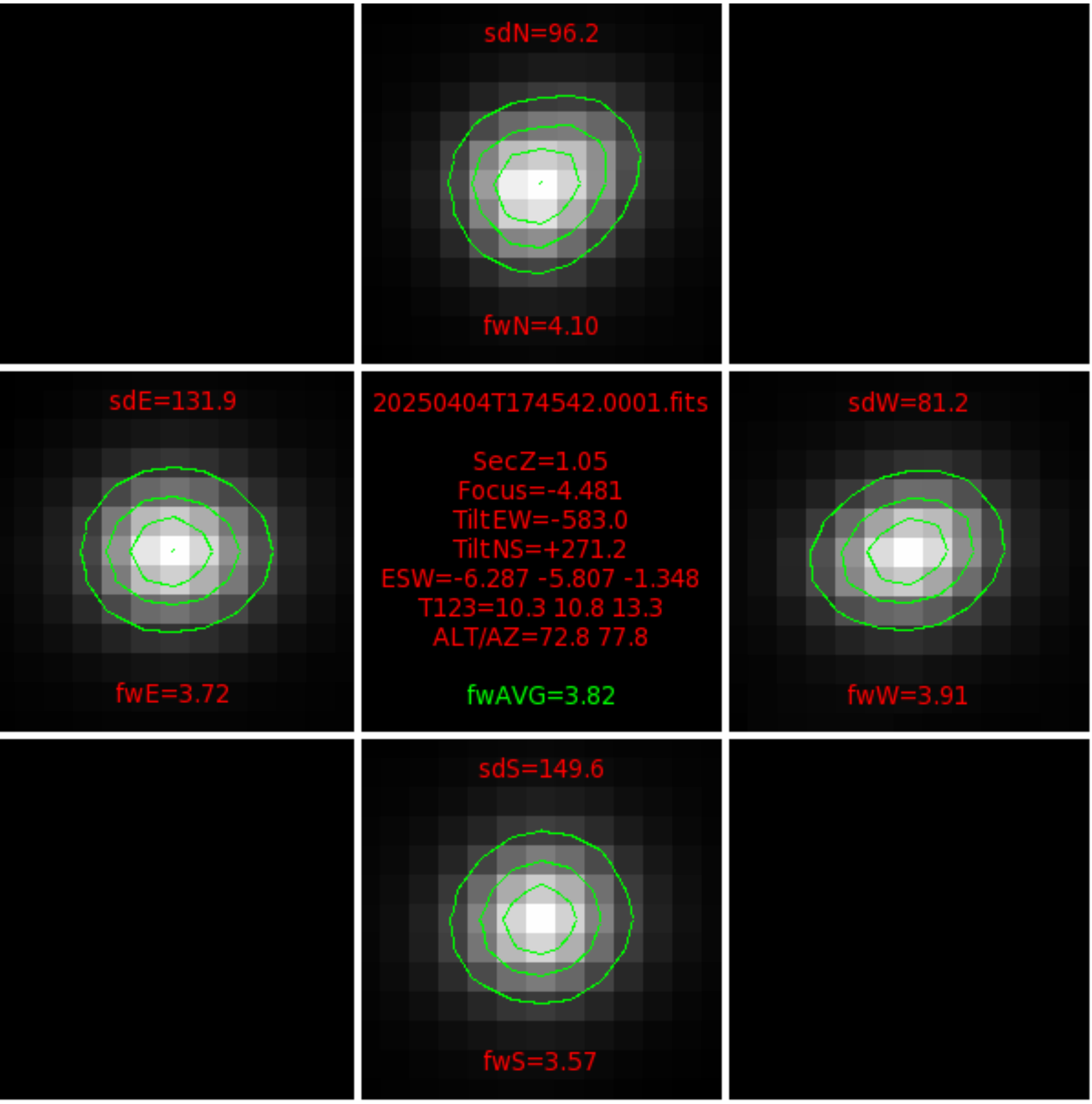
sdN=96.2
fwN=4.10
sdE=131.9
fwE=3.72
20250404T174542.0001.fits
SecZ=1.05
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.3 10.8 13.3
ALT/AZ=72.8 77.8
fwAVG=3.82
sdW=81.2
fwW=3.91
sdS=149.6
fwS=3.57
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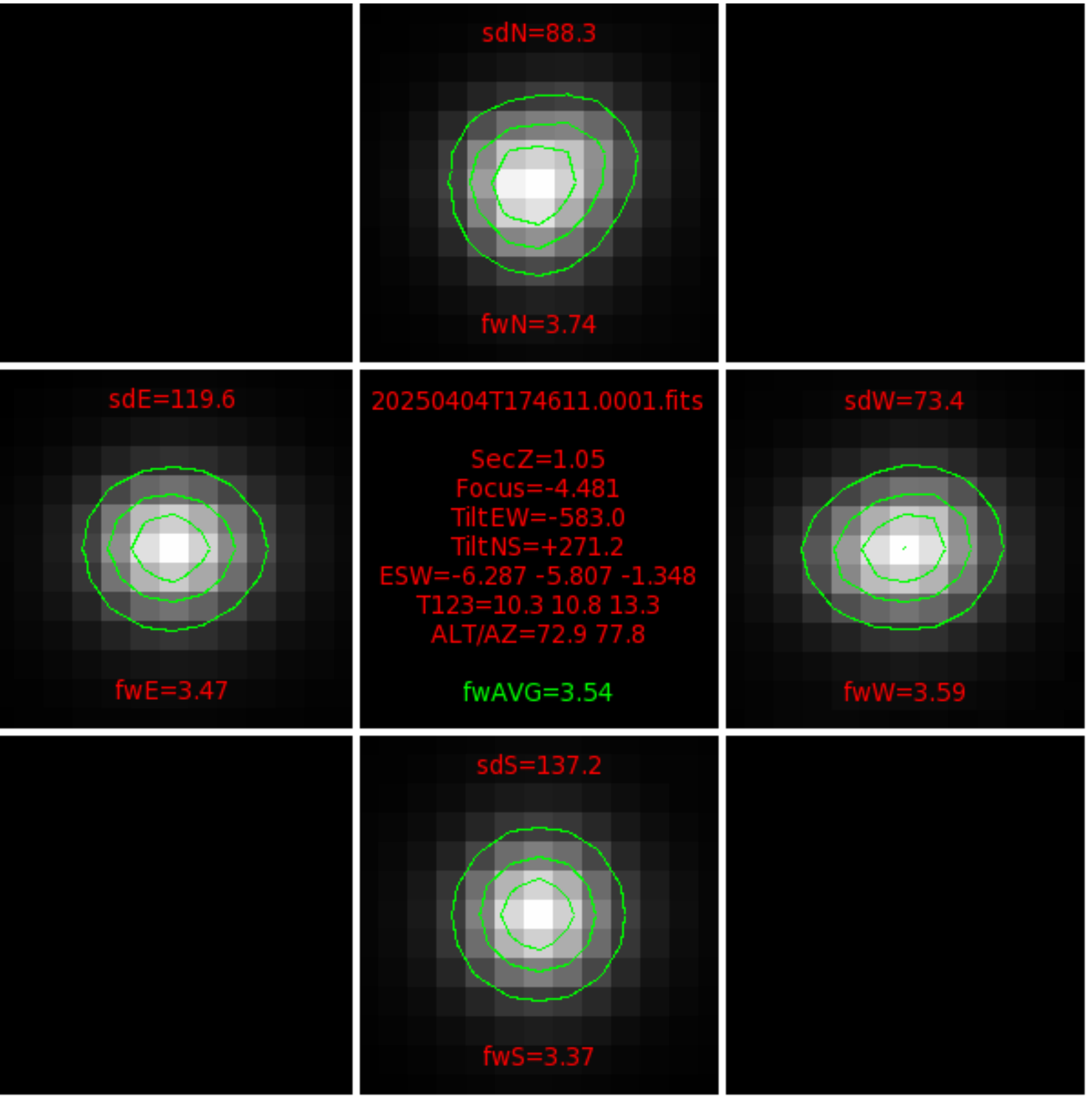
sdN=88.3
fwN=3.74
sdE=119.6
fwE=3.47
20250404T174611.0001.fits
SecZ=1.05
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.3 10.8 13.3
ALT/AZ=72.9 77.8
fwAVG=3.54
sdW=73.4
fwW=3.59
sdS=137.2
fwS=3.37
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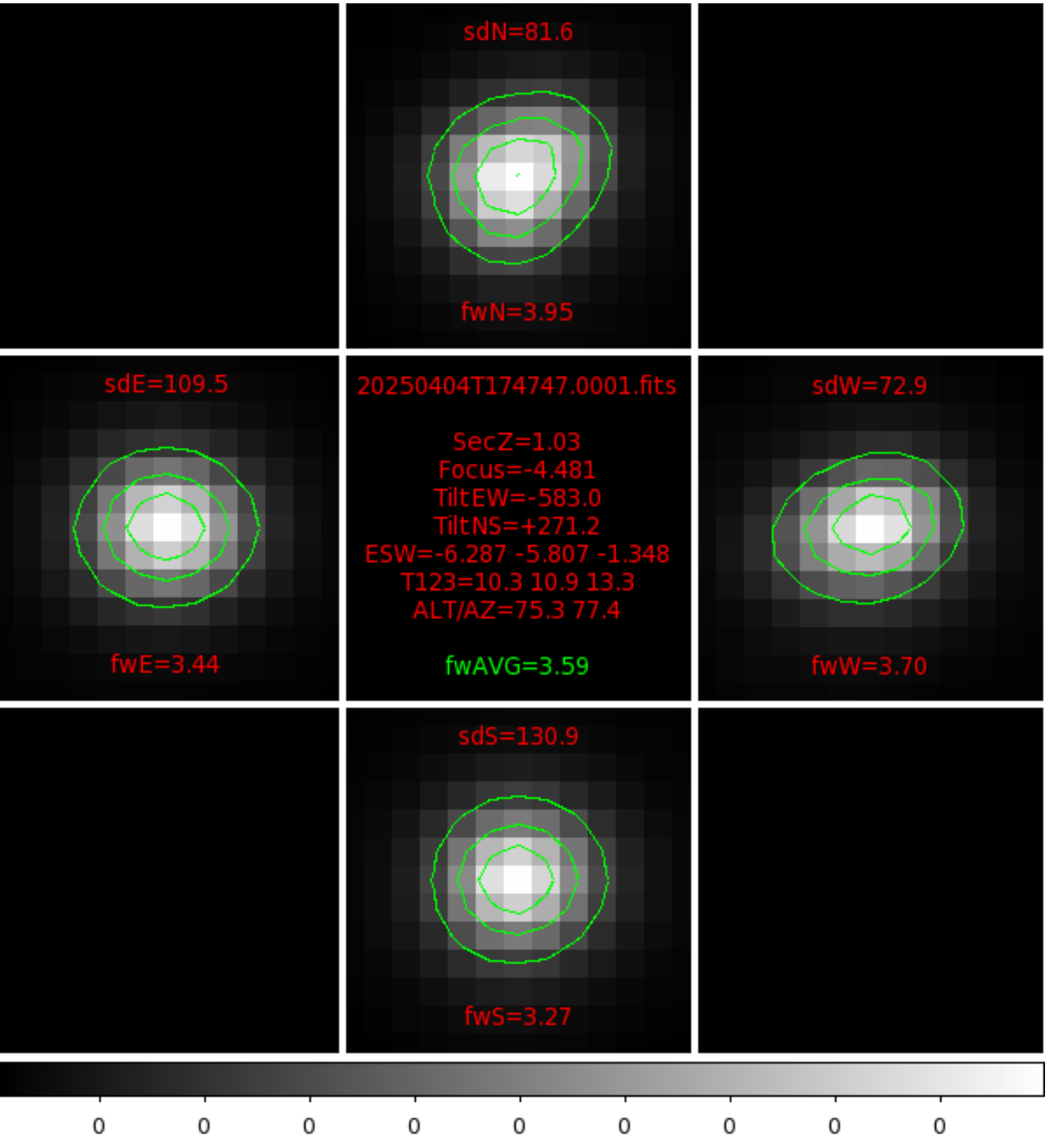
sdN=81.6
fwN=3.95
sdE=109.5
fwE=3.44
20250404T174747.0001.fits
SecZ=1.03
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.3 10.9 13.3
ALT/AZ=75.3 77.4
fwAVG=3.59
sdW=72.9
fwW=3.70
sdS=130.9
fwS=3.27
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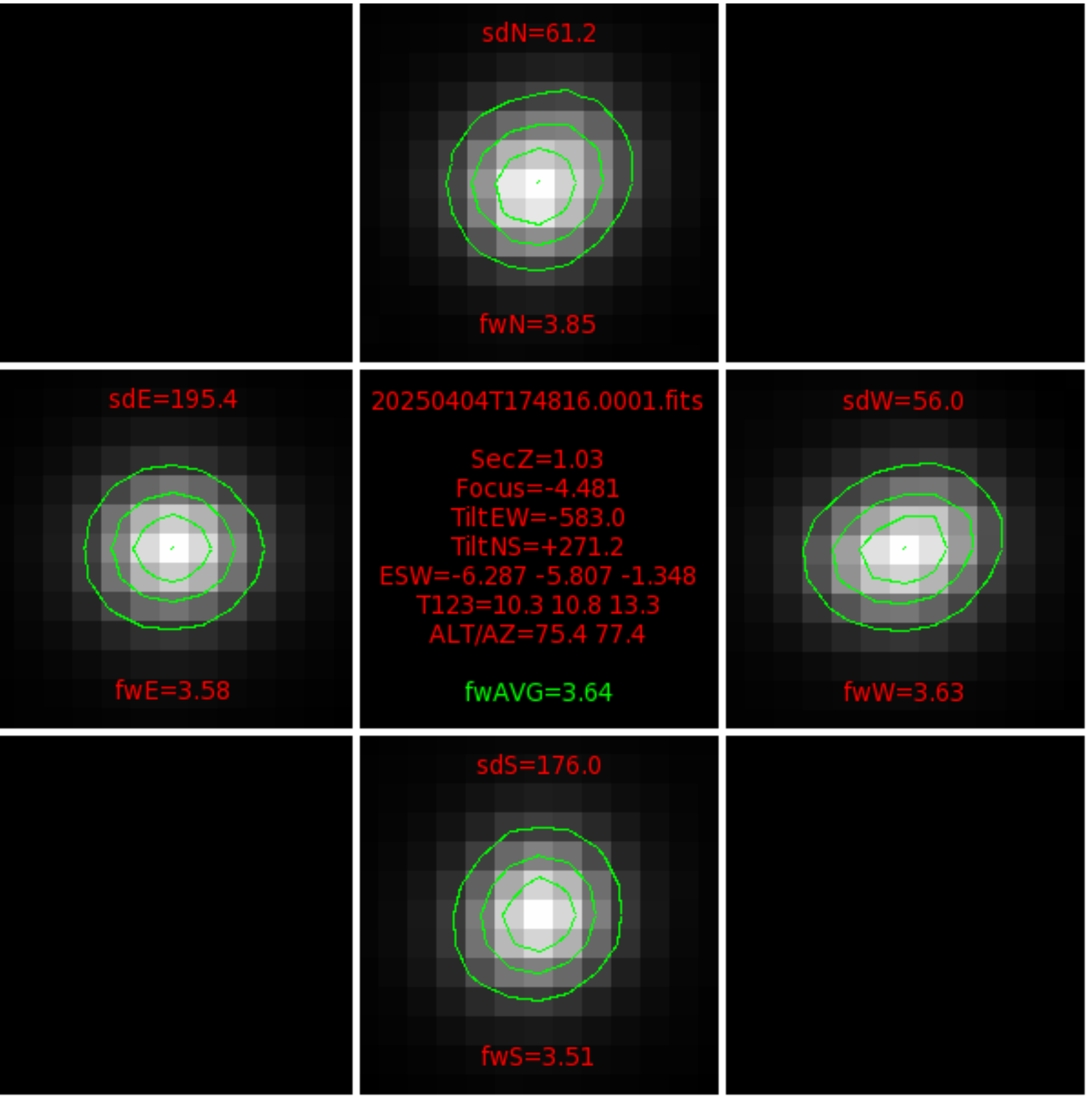
sdN=61.2
fwN=3.85
sdE=195.4
fwE=3.58
20250404T174816.0001.fits
SecZ=1.03
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.3 10.8 13.3
ALT/AZ=75.4 77.4
fwAVG=3.64
sdW=56.0
fwW=3.63
sdS=176.0
fwS=3.51
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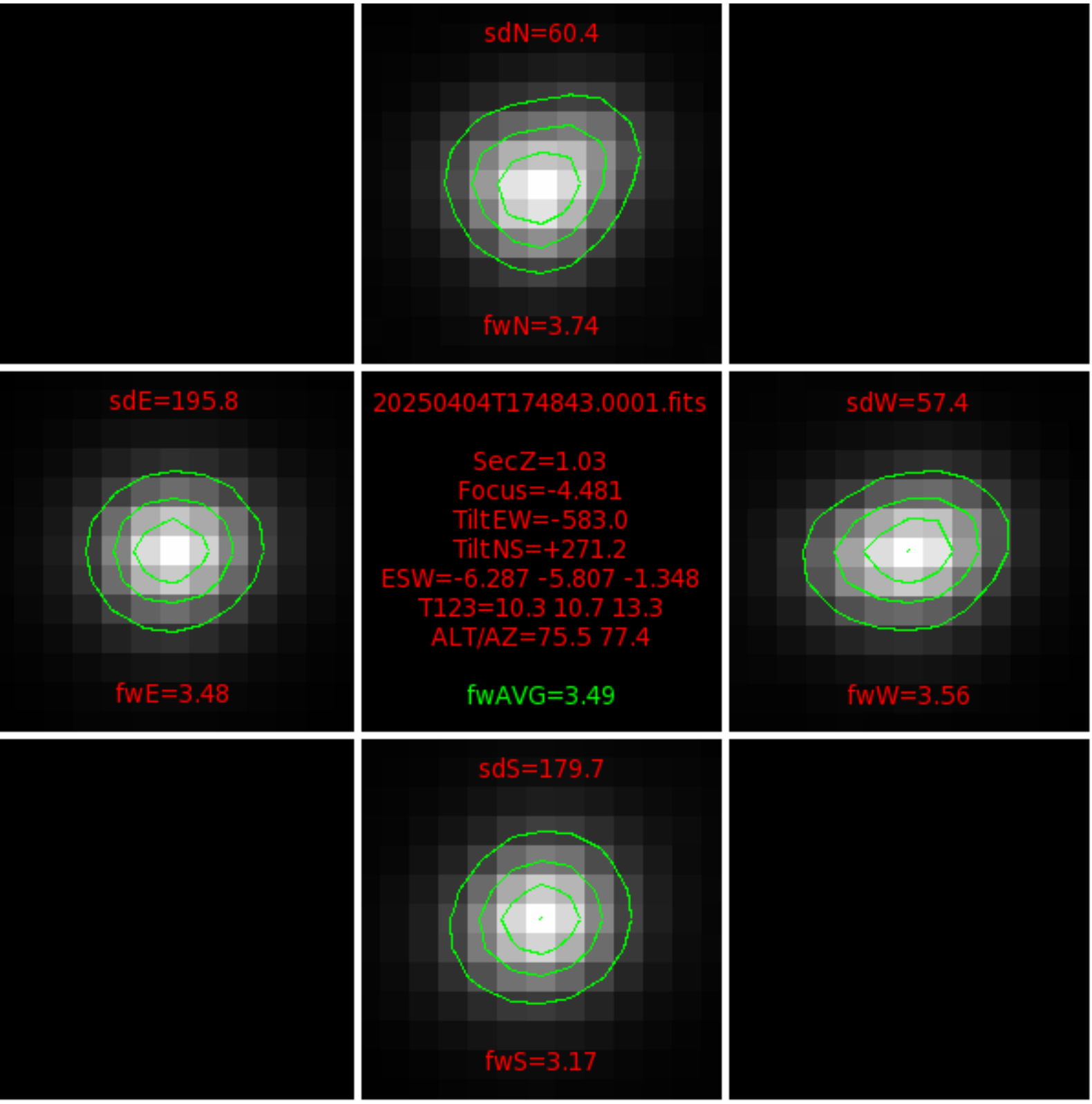
sdN=60.4
fwN=3.74
sdE=195.8
fwE=3.48
20250404T174843.0001.fits
SecZ=1.03
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.3 10.7 13.3
ALT/AZ=75.5 77.4
fwAVG=3.49
sdW=57.4
fwW=3.56
sdS=179.7
fwS=3.17
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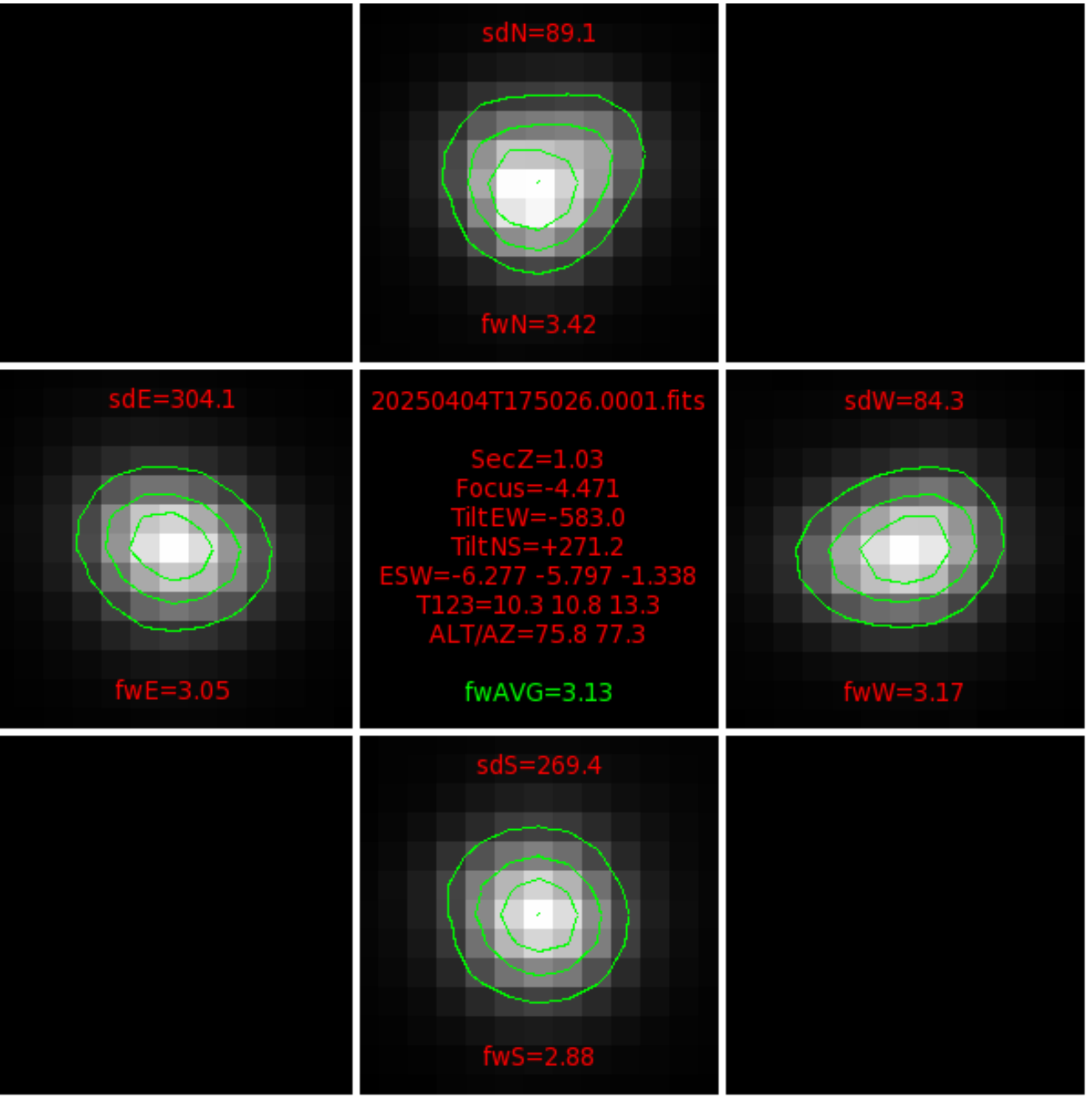
sdN=89.1
fwN=3.42
sdE=304.1
fwE=3.05
20250404T175026.0001.fits
SecZ=1.03
Focus=-4.471
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.277 -5.797 -1.338
T123=10.3 10.8 13.3
ALT/AZ=75.8 77.3
fwAVG=3.13
sdW=84.3
fwW=3.17
sdS=269.4
fwS=2.88
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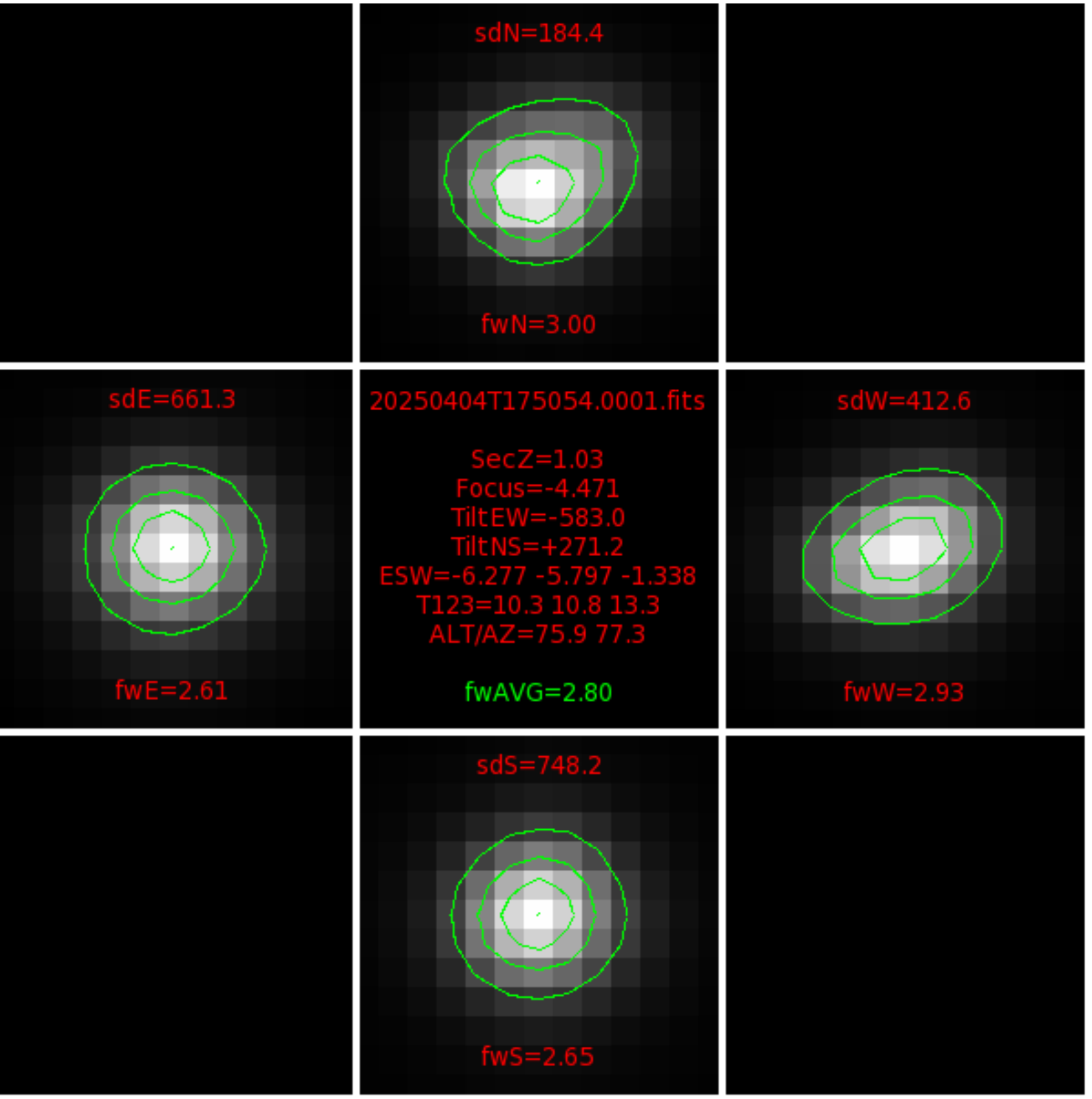
sdN=184.4
fwN=3.00
sdE=661.3
fwE=2.61
20250404T175054.0001.fits
SecZ=1.03
Focus=-4.471
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.277 -5.797 -1.338
T123=10.3 10.8 13.3
ALT/AZ=75.9 77.3
fwAVG=2.80
sdW=412.6
fwW=2.93
sdS=748.2
fwS=2.65
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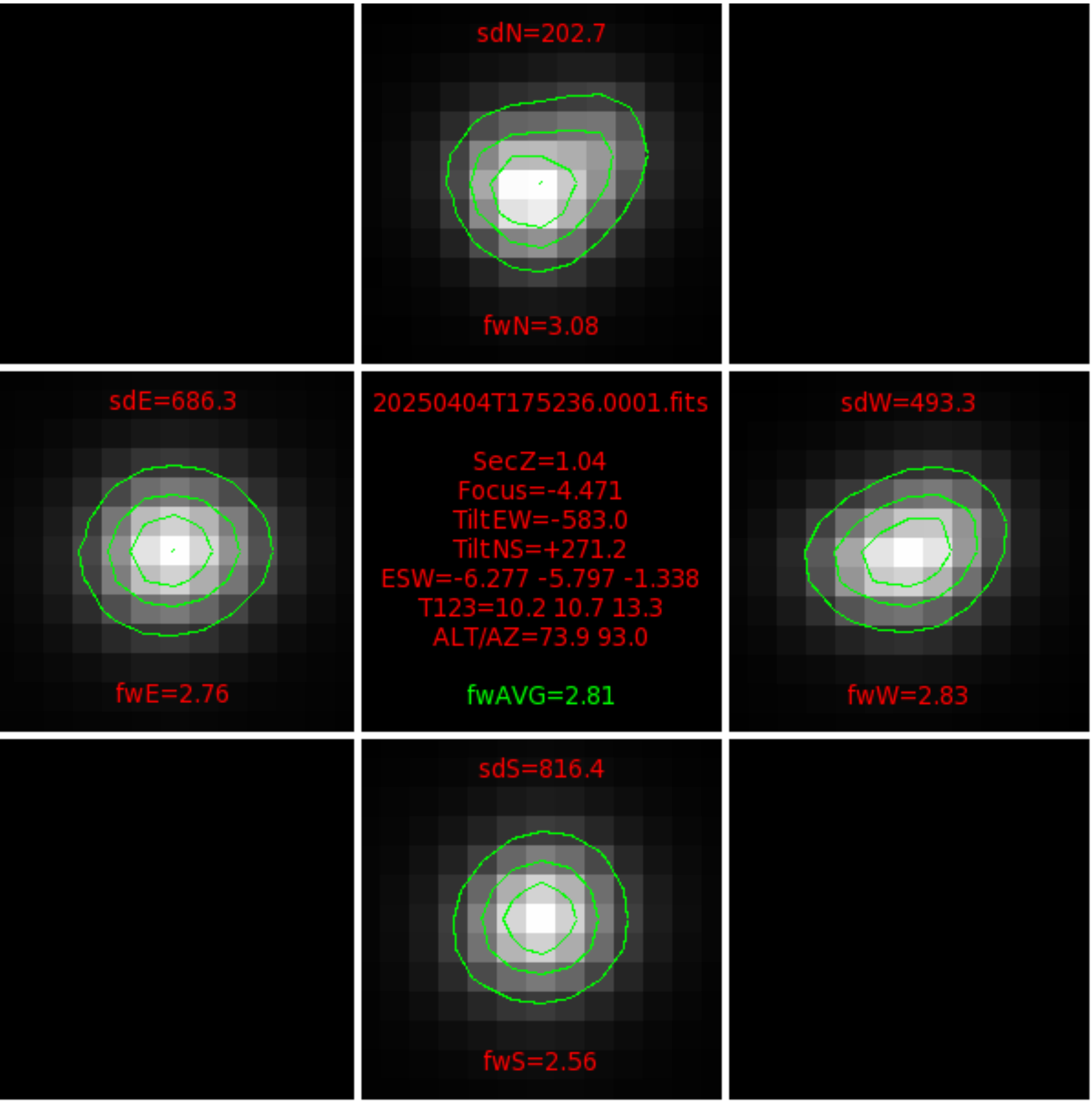
sdN=202.7
fwN=3.08
sdE=686.3
fwE=2.76
20250404T175236.0001.fits
SecZ=1.04
Focus=-4.471
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.277 -5.797 -1.338
T123=10.2 10.7 13.3
ALT/AZ=73.9 93.0
fwAVG=2.81
sdW=493.3
fwW=2.83
sdS=816.4
fwS=2.56
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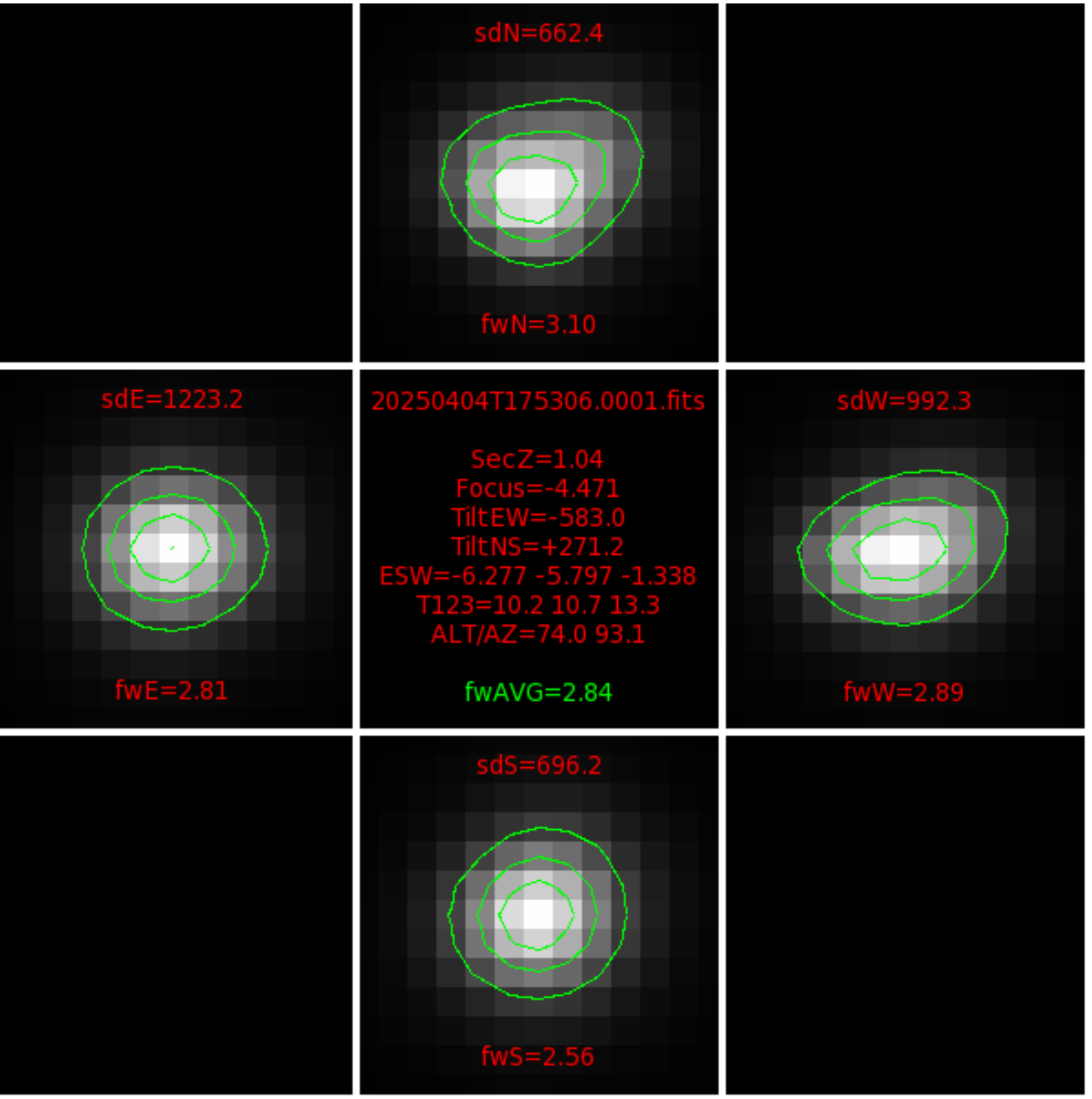
sdN=662.4
fwN=3.10
sdE=1223.2
fwE=2.81
20250404T175306.0001.fits
SecZ=1.04
Focus=-4.471
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.277 -5.797 -1.338
T123=10.2 10.7 13.3
ALT/AZ=74.0 93.1
fwAVG=2.84
sdW=992.3
fwW=2.89
sdS=696.2
fwS=2.56
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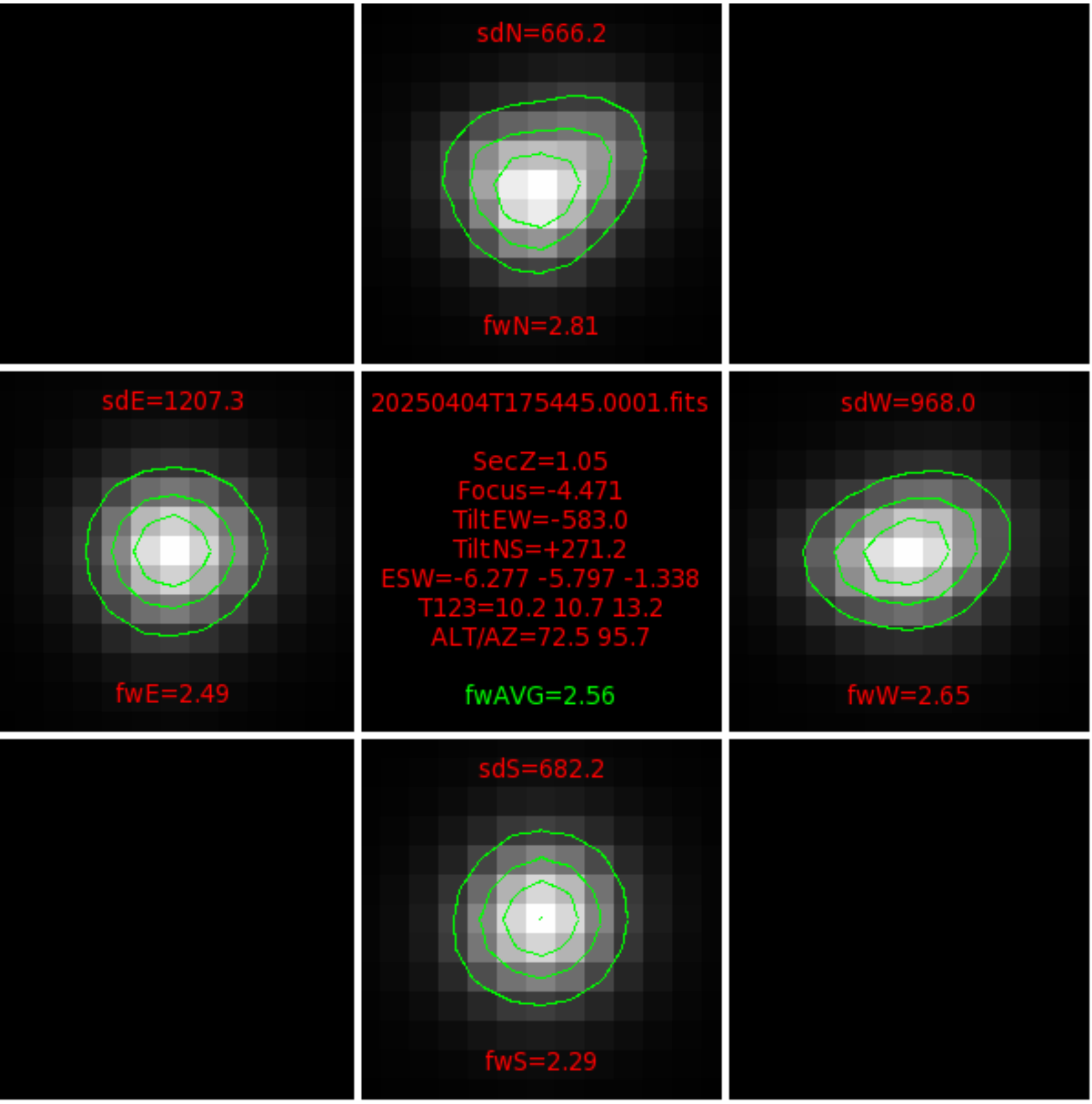
sdN=666.2
fwN=2.81
sdE=1207.3
fwE=2.49
20250404T175445.0001.fits
SecZ=1.05
Focus=-4.471
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.277 -5.797 -1.338
T123=10.2 10.7 13.2
ALT/AZ=72.5 95.7
fwAVG=2.56
sdW=968.0
fwW=2.65
sdS=682.2
fwS=2.29
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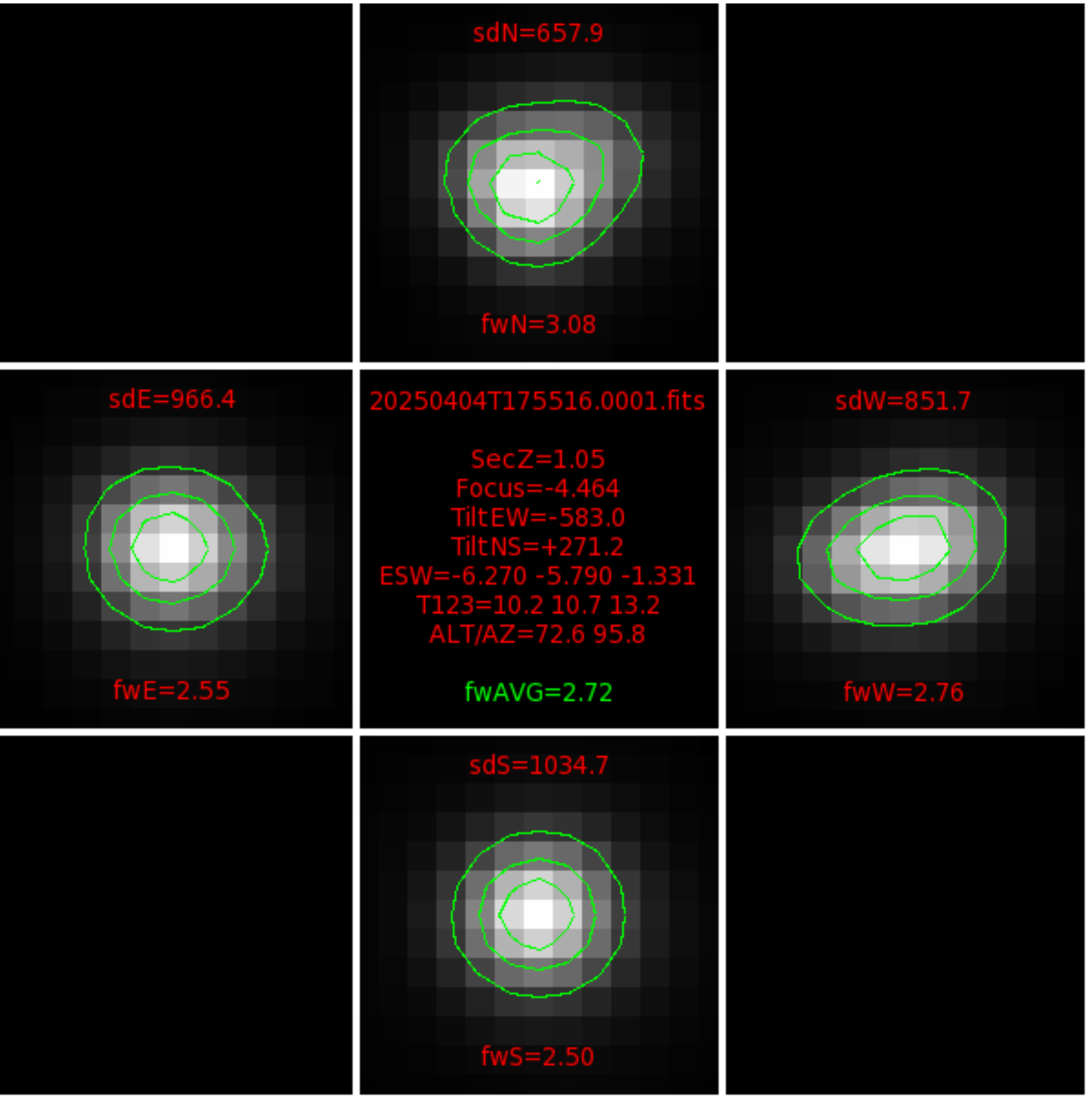
sdN=657.9
fwN=3.08
sdE=966.4
fwE=2.55
20250404T175516.0001.fits
SecZ=1.05
Focus=-4.464
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.270 -5.790 -1.331
T123=10.2 10.7 13.2
ALT/AZ=72.6 95.8
fwAVG=2.72
sdW=851.7
fwW=2.76
sdS=1034.7
fwS=2.50
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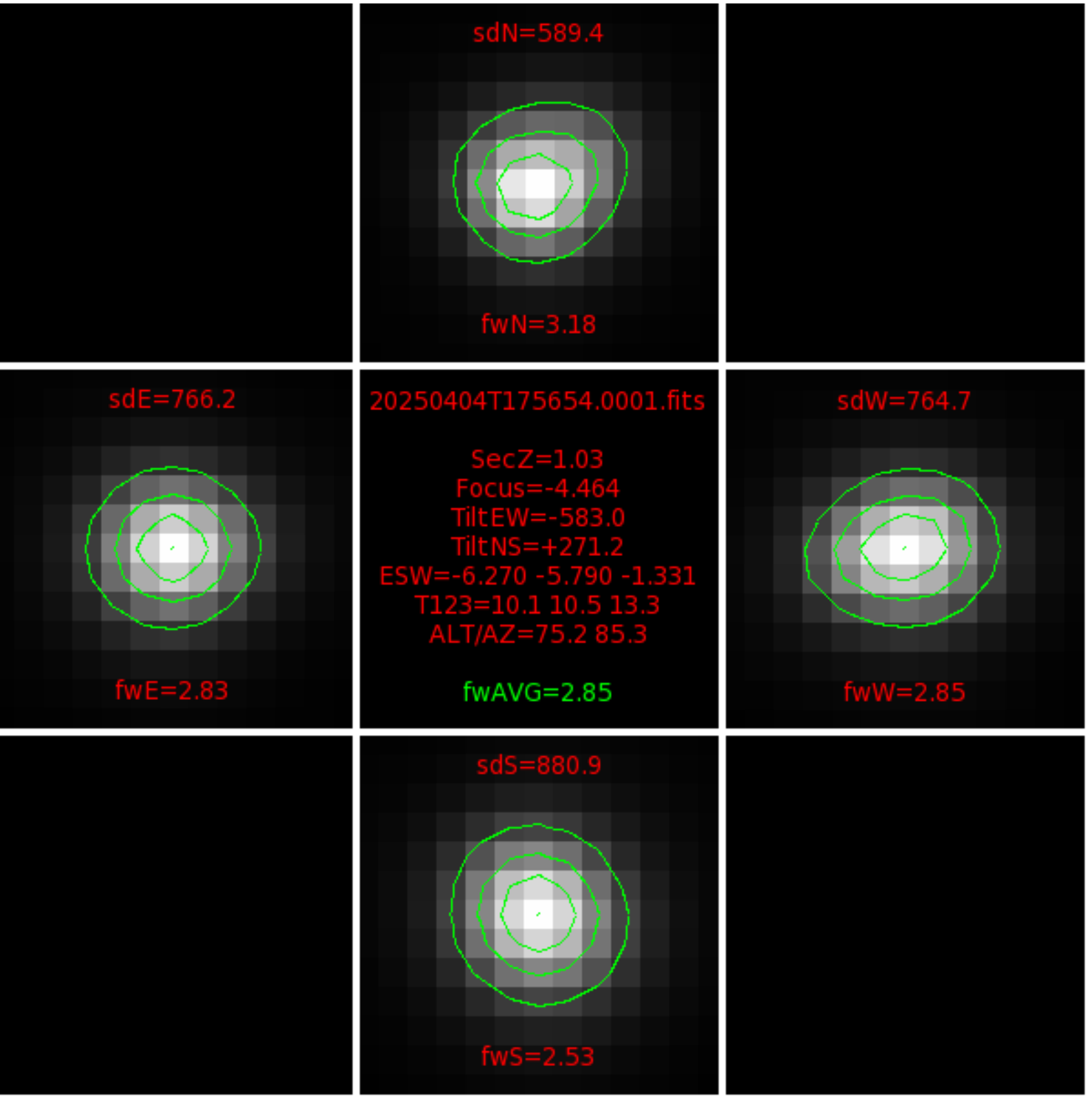
sdN=589.4
fwN=3.18
sdE=766.2
fwE=2.83
20250404T175654.0001.fits
SecZ=1.03
Focus=-4.464
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.270 -5.790 -1.331
T123=10.1 10.5 13.3
ALT/AZ=75.2 85.3
fwAVG=2.85
sdW=764.7
fwW=2.85
sdS=880.9
fwS=2.53
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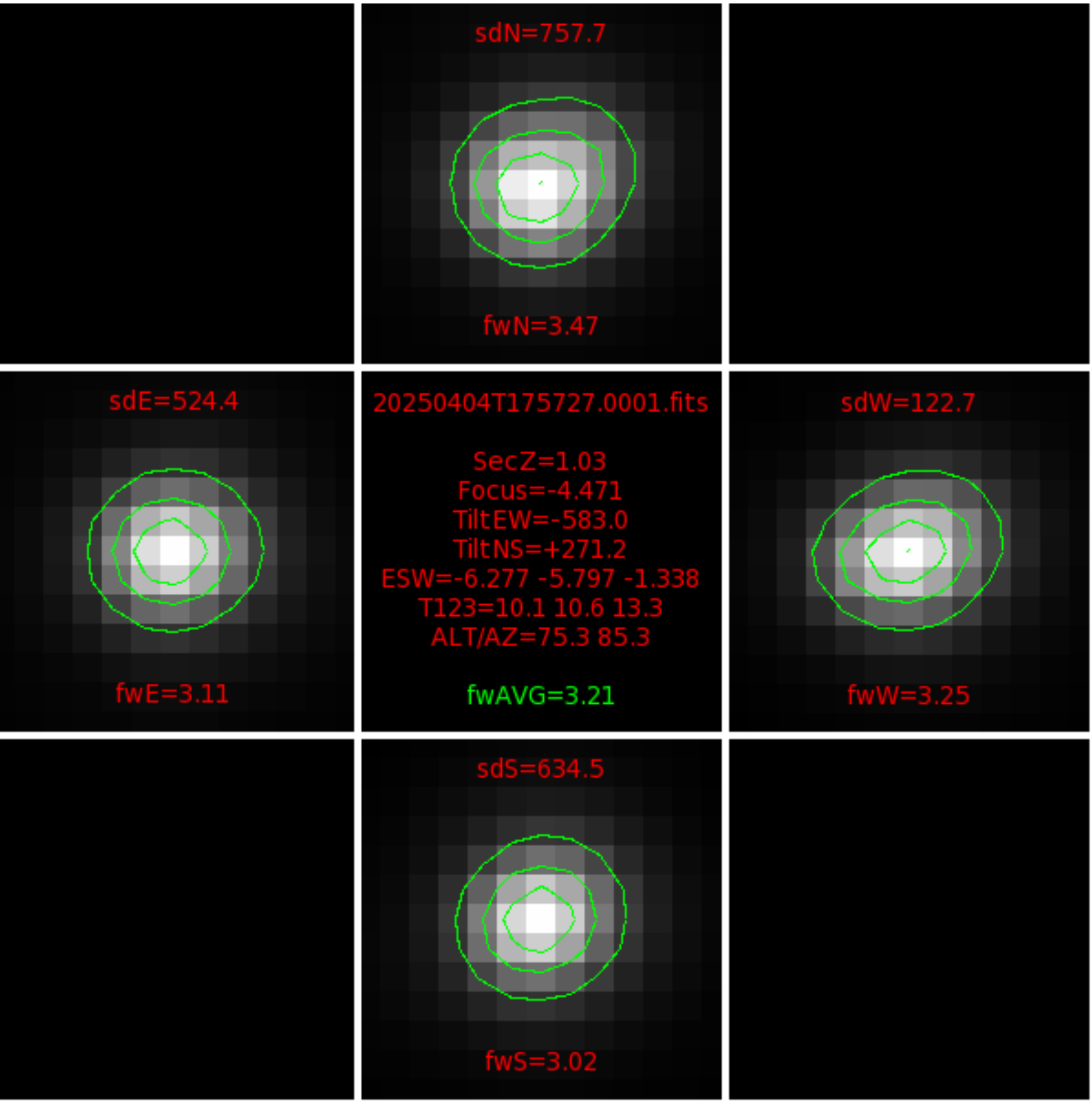
sdN=757.7
fwN=3.47
sdE=524.4
fwE=3.11
20250404T175727.0001.fits
SecZ=1.03
Focus=-4.471
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.277 -5.797 -1.338
T123=10.1 10.6 13.3
ALT/AZ=75.3 85.3
fwAVG=3.21
sdW=122.7
fwW=3.25
sdS=634.5
fwS=3.02
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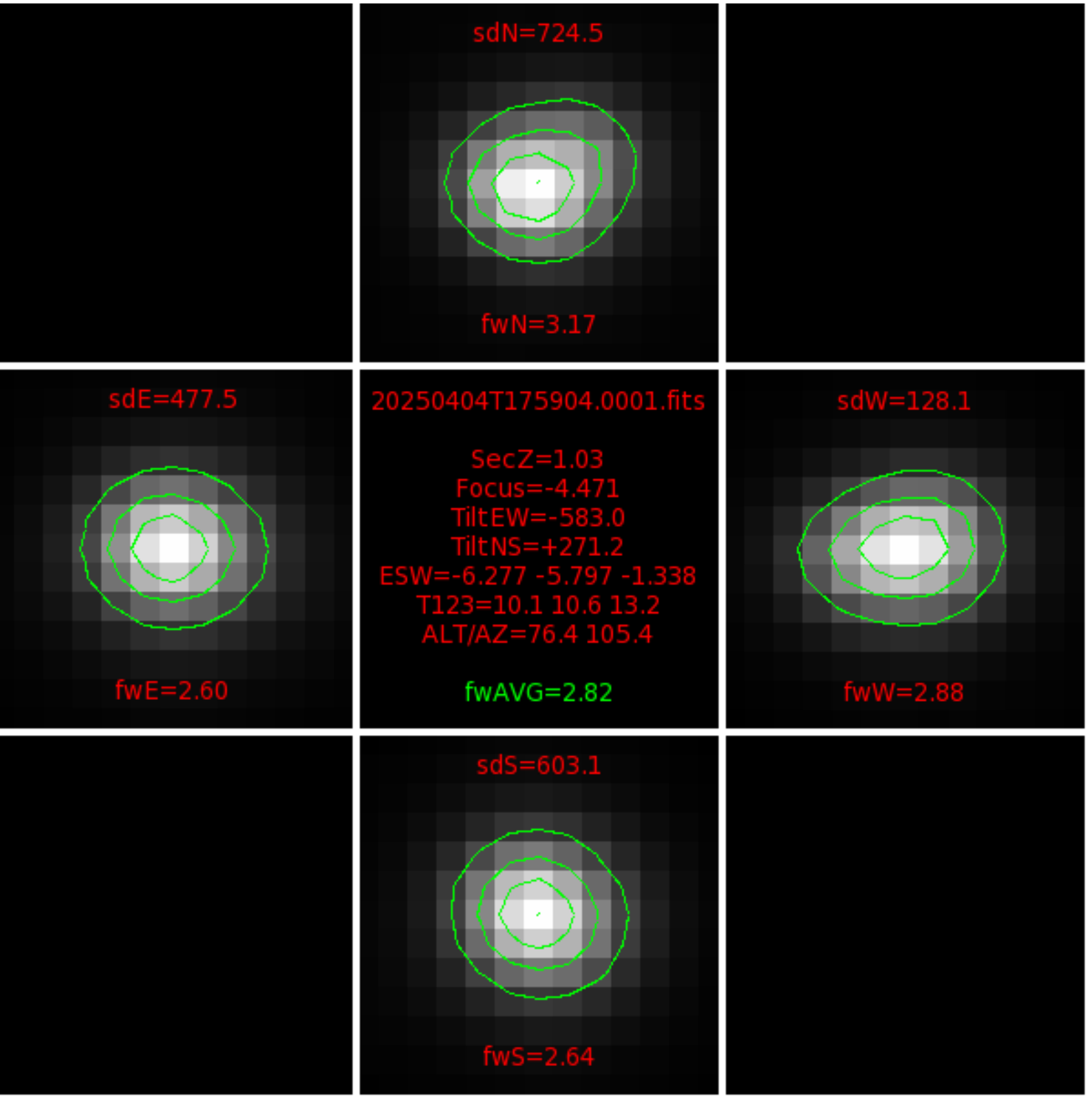
sdN=724.5
fwN=3.17
sdE=477.5
fwE=2.60
20250404T175904.0001.fits
SecZ=1.03
Focus=-4.471
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.277 -5.797 -1.338
T123=10.1 10.6 13.2
ALT/AZ=76.4 105.4
fwAVG=2.82
sdW=128.1
fwW=2.88
sdS=603.1
fwS=2.64
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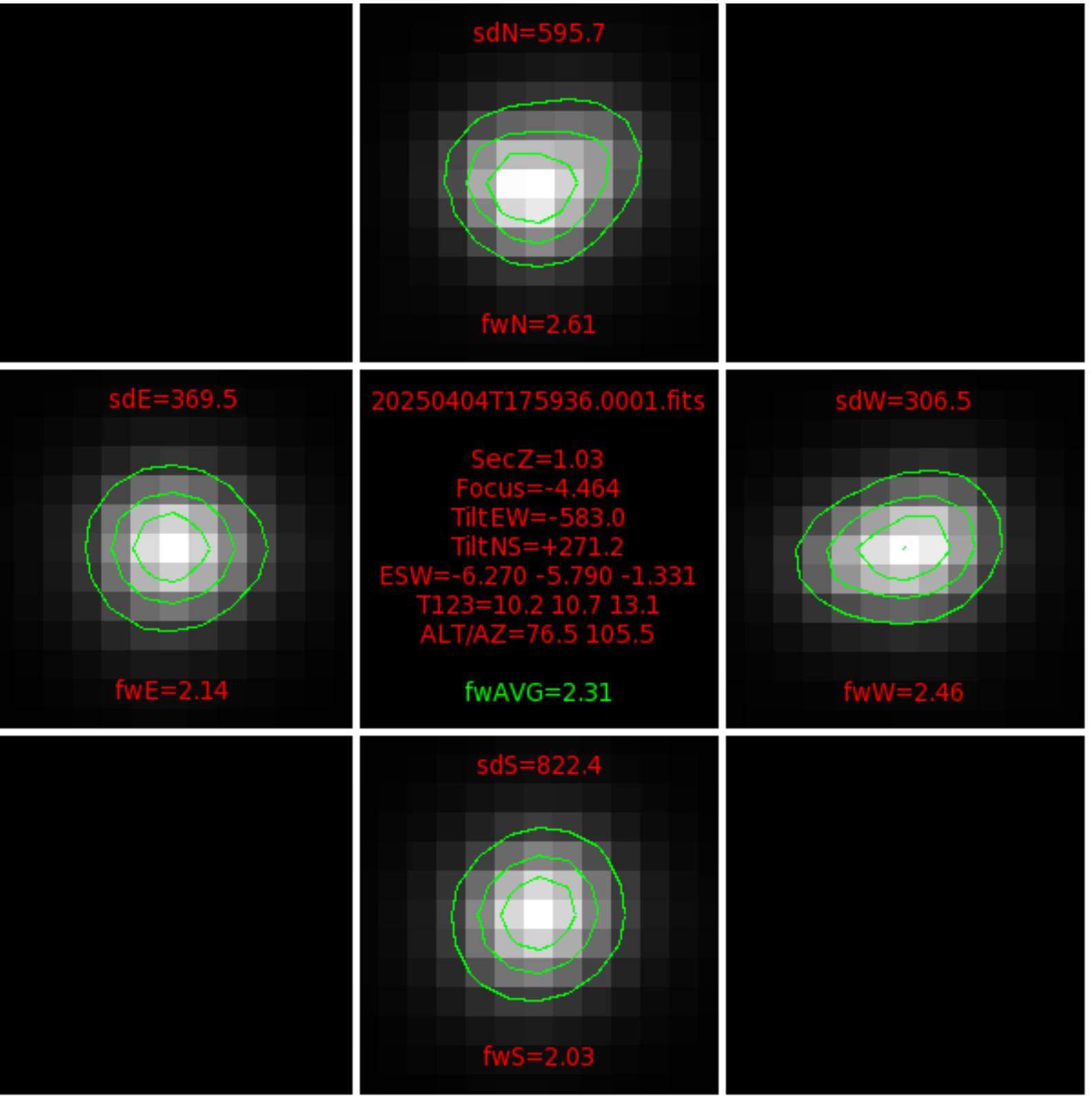
sdN=595.7
fwN=2.61
sdE=369.5
fwE=2.14
20250404T175936.0001.fits
SecZ=1.03
Focus=-4.464
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.270 -5.790 -1.331
T123=10.2 10.7 13.1
ALT/AZ=76.5 105.5
fwAVG=2.31
sdW=306.5
fwW=2.46
sdS=822.4
fwS=2.03
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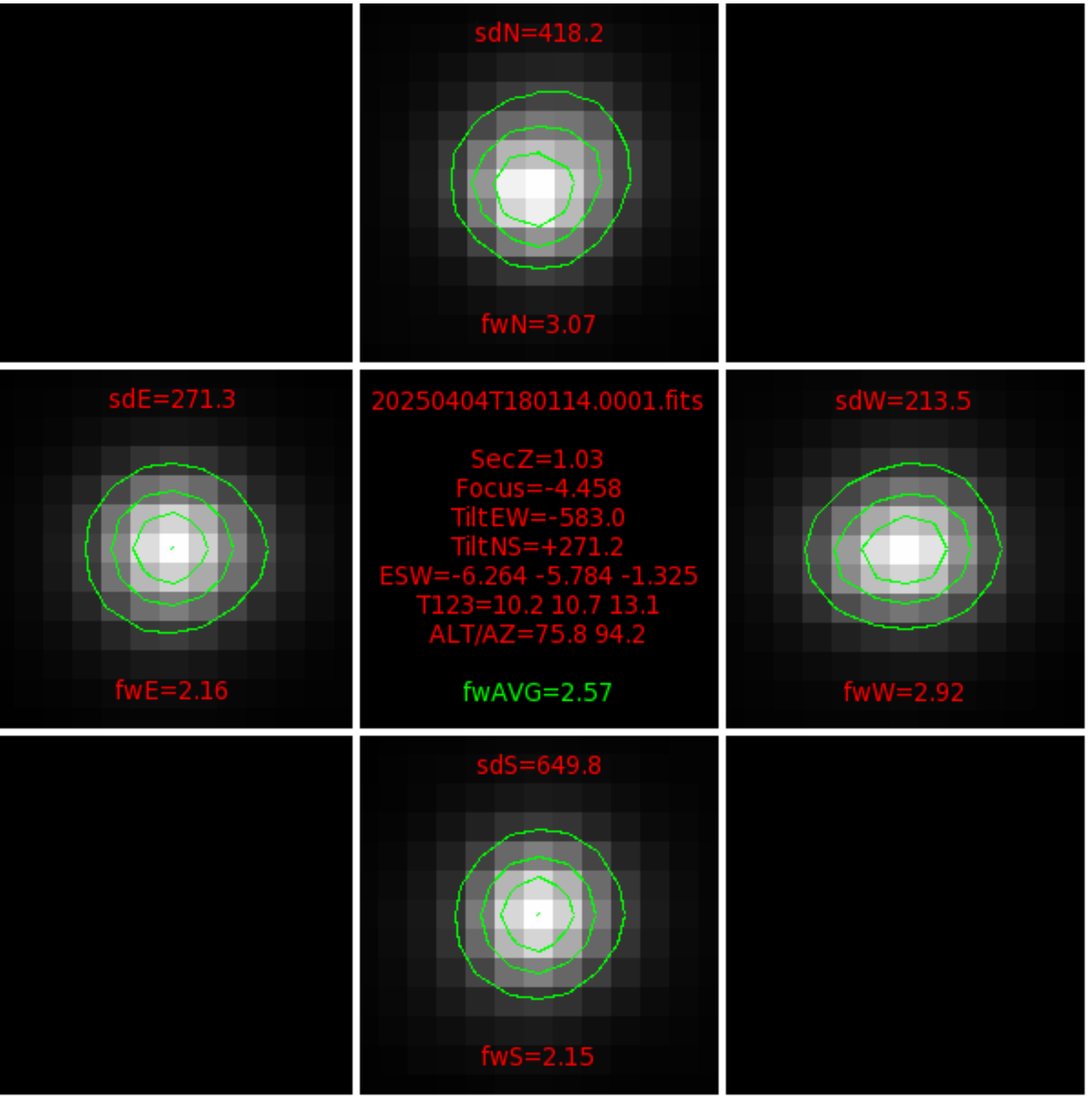
sdN=418.2
fwN=3.07
sdE=271.3
fwE=2.16
20250404T180114.0001.fits
SecZ=1.03
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.2 10.7 13.1
ALT/AZ=75.8 94.2
fwAVG=2.57
sdW=213.5
fwW=2.92
sdS=649.8
fwS=2.15
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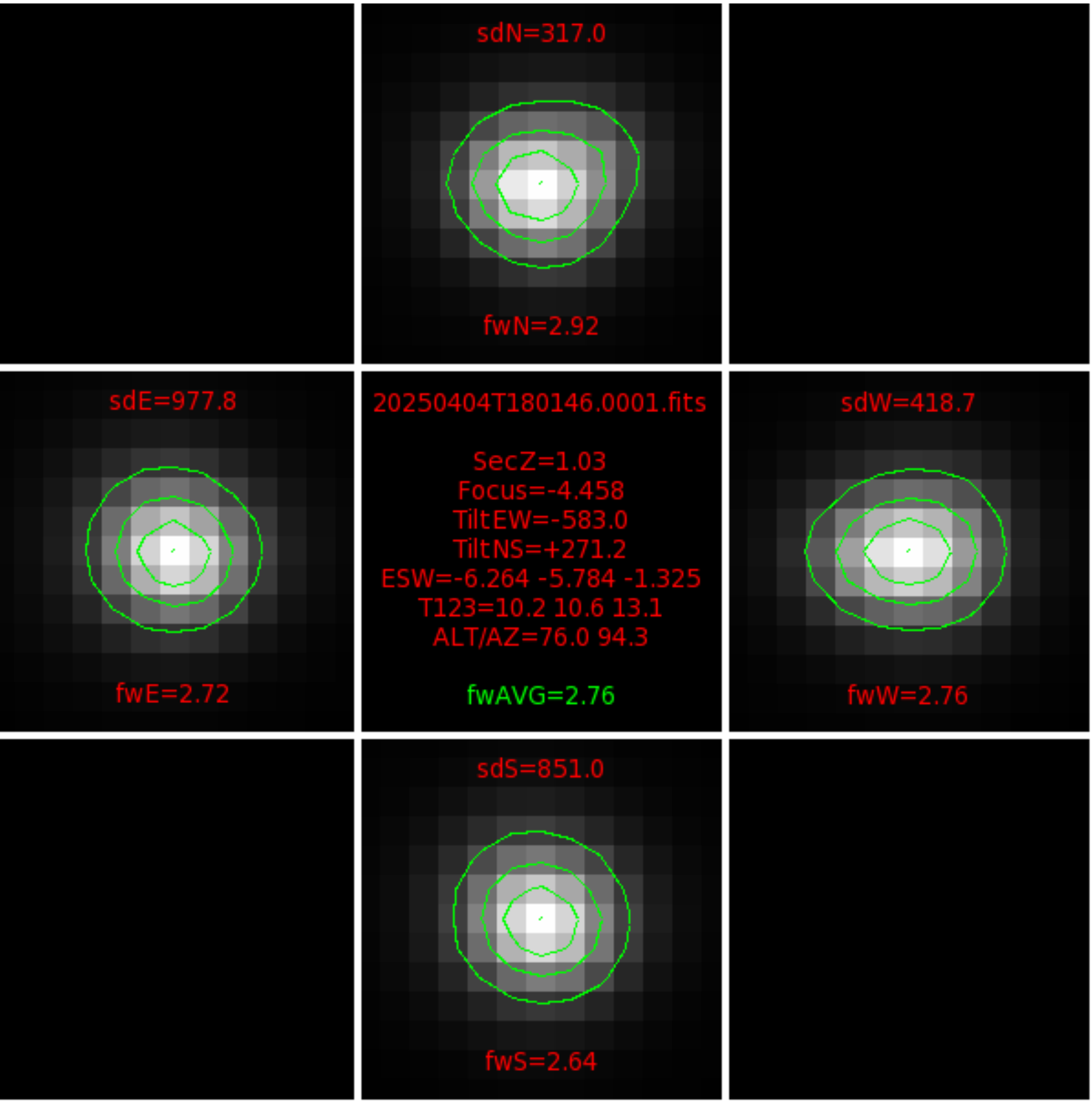
sdN=317.0
fwN=2.92
sdE=977.8
fwE=2.72
20250404T180146.0001.fits
SecZ=1.03
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.2 10.6 13.1
ALT/AZ=76.0 94.3
fwAVG=2.76
sdW=418.7
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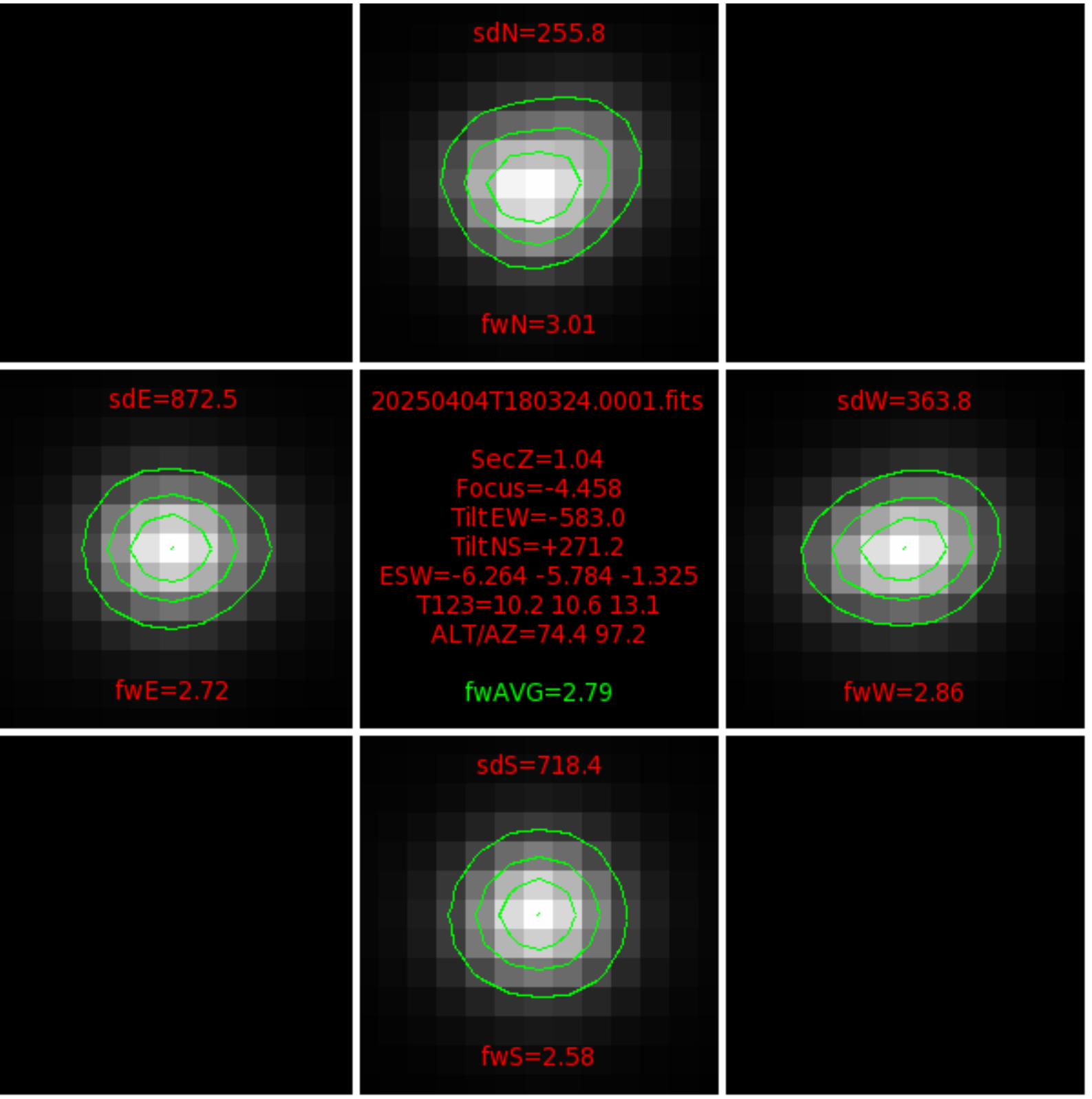
sdN=255.8
fwN=3.01
sdE=872.5
fwE=2.72
20250404T180324.0001.fits
SecZ=1.04
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.2 10.6 13.1
ALT/AZ=74.4 97.2
fwAVG=2.79
sdW=363.8
fwW=2.86
sdS=718.4
fwS=2.58
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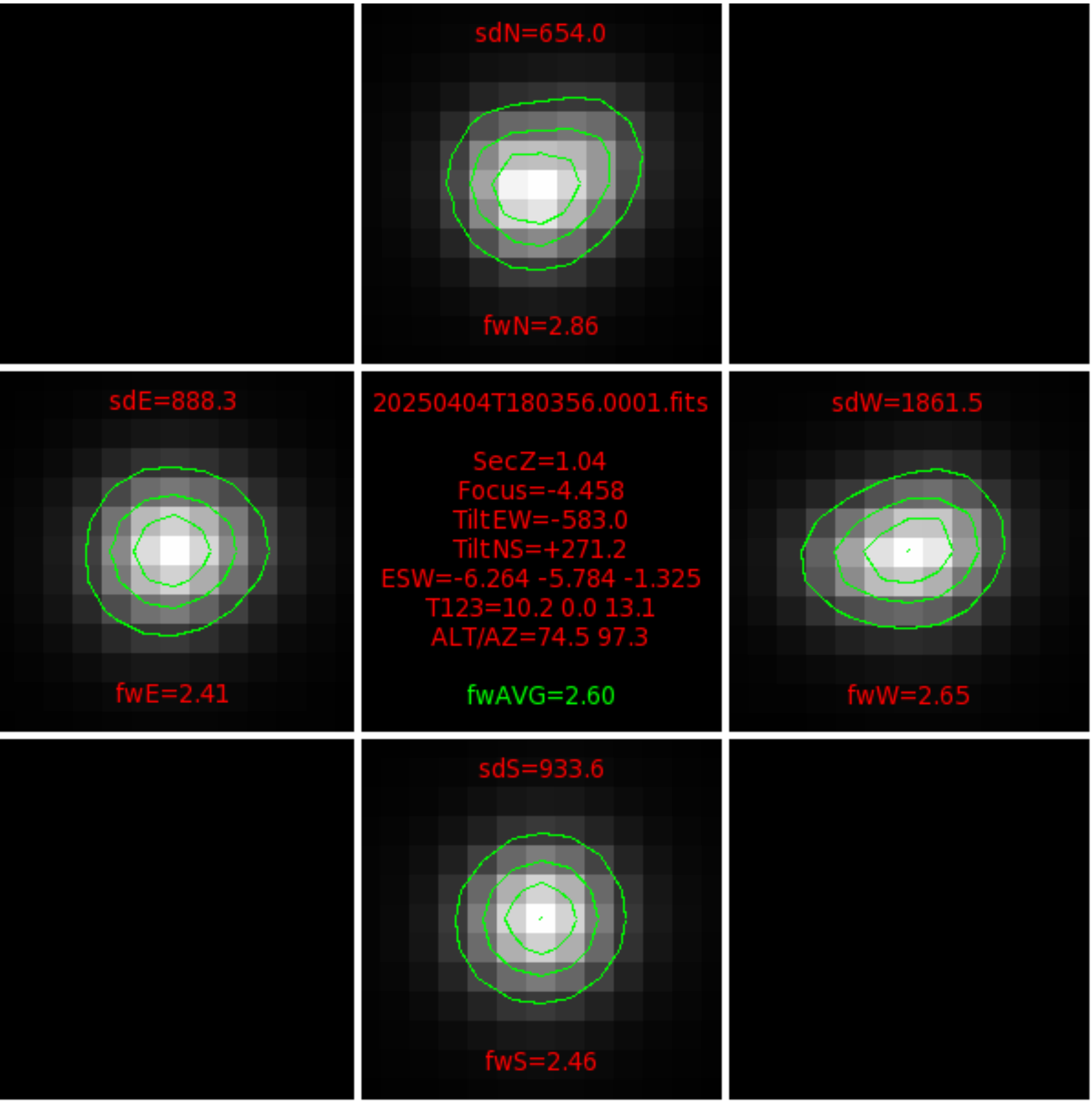
sdN=654.0
fwN=2.86
sdE=888.3
fwE=2.41
20250404T180356.0001.fits
SecZ=1.04
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.2 0.0 13.1
ALT/AZ=74.5 97.3
fwAVG=2.60
sdW=1861.5
fwW=2.65
sdS=933.6
fwS=2.46
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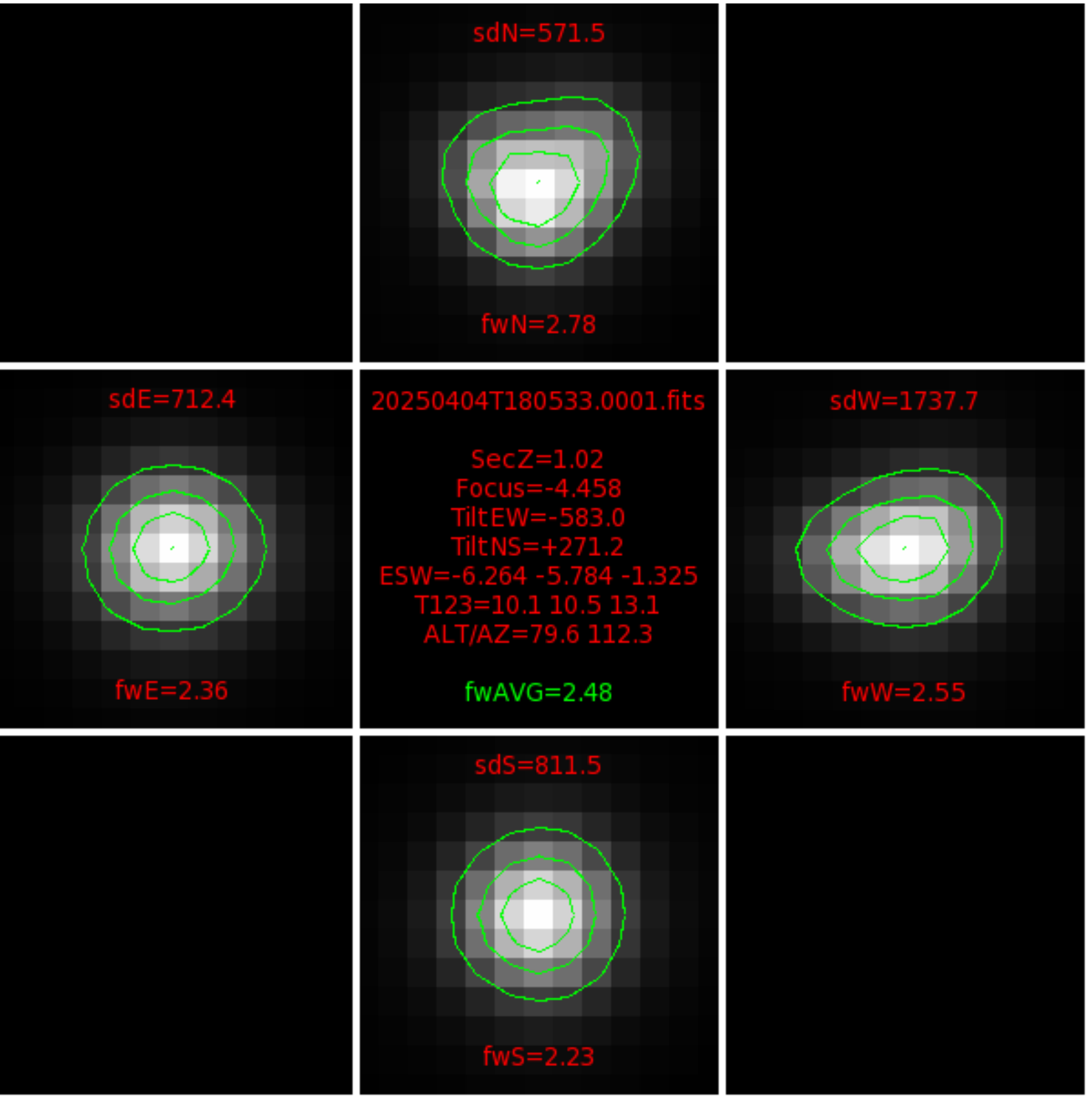
sdN=571.5
fwN=2.78
sdE=712.4
fwE=2.36
20250404T180533.0001.fits
SecZ=1.02
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.1 10.5 13.1
ALT/AZ=79.6 112.3
fwAVG=2.48
sdW=1737.7
fwW=2.55
sdS=811.5
fwS=2.23
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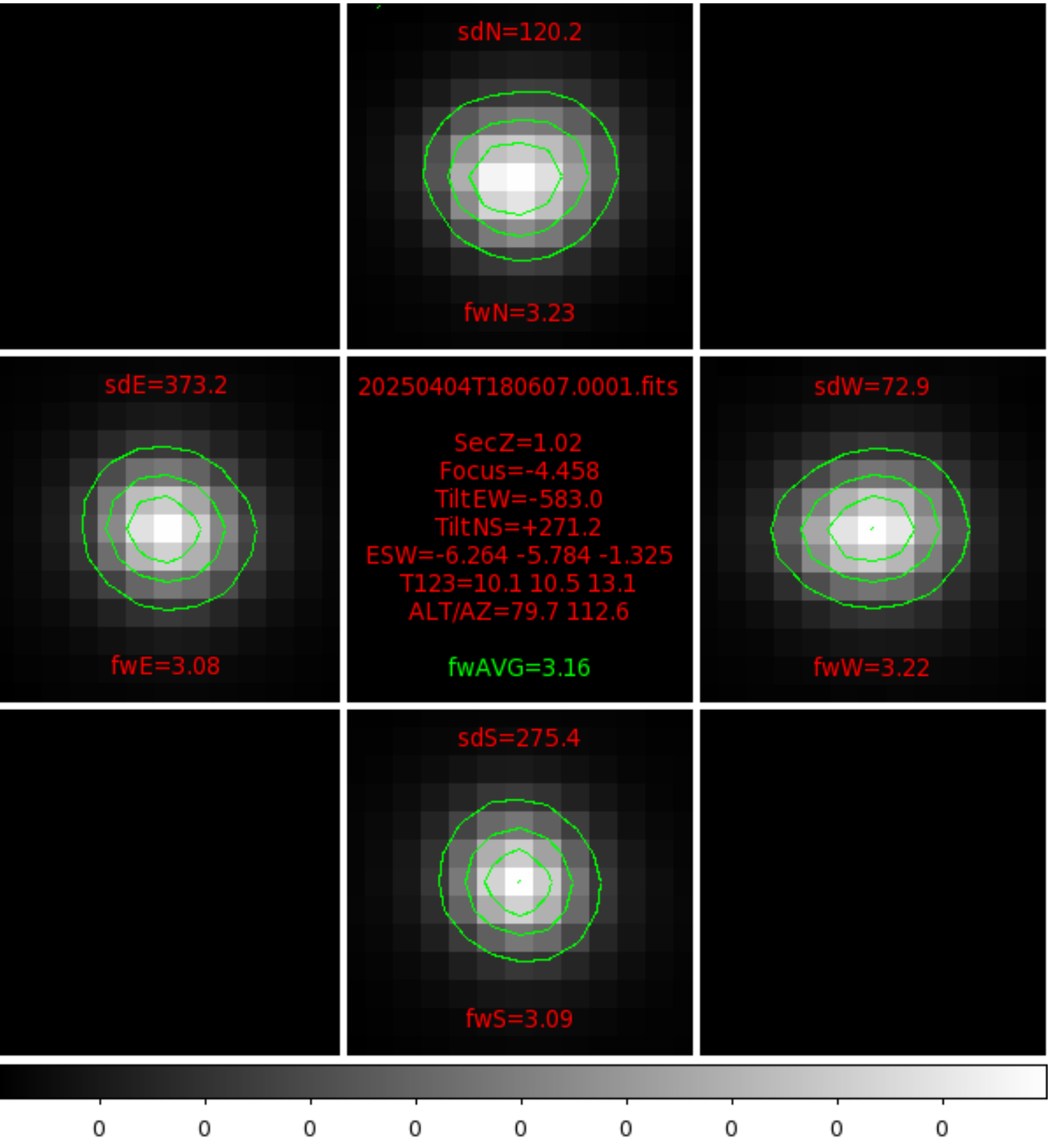
sdN=120.2
fwN=3.23
sdE=373.2
fwE=3.08
20250404T180607.0001.fits
SecZ=1.02
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.1 10.5 13.1
ALT/AZ=79.7 112.6
fwAVG=3.16
sdW=72.9
fwW=3.22
sdS=275.4
fwS=3.09
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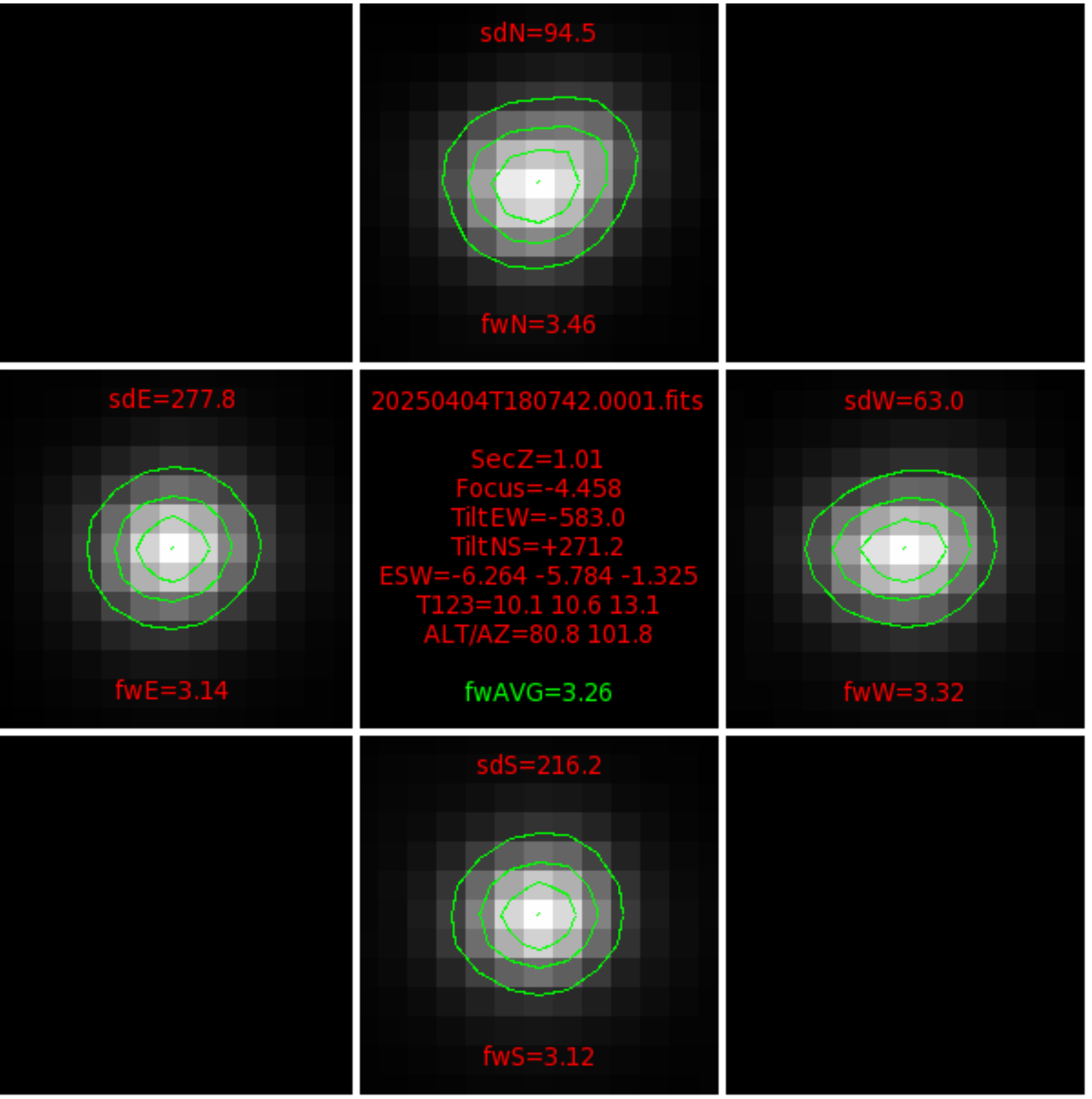
sdN=94.5
fwN=3.46
sdE=277.8
fwE=3.14
20250404T180742.0001.fits
SecZ=1.01
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.1 10.6 13.1
ALT/AZ=80.8 101.8
fwAVG=3.26
sdW=63.0
fwW=3.32
sdS=216.2
fwS=3.12
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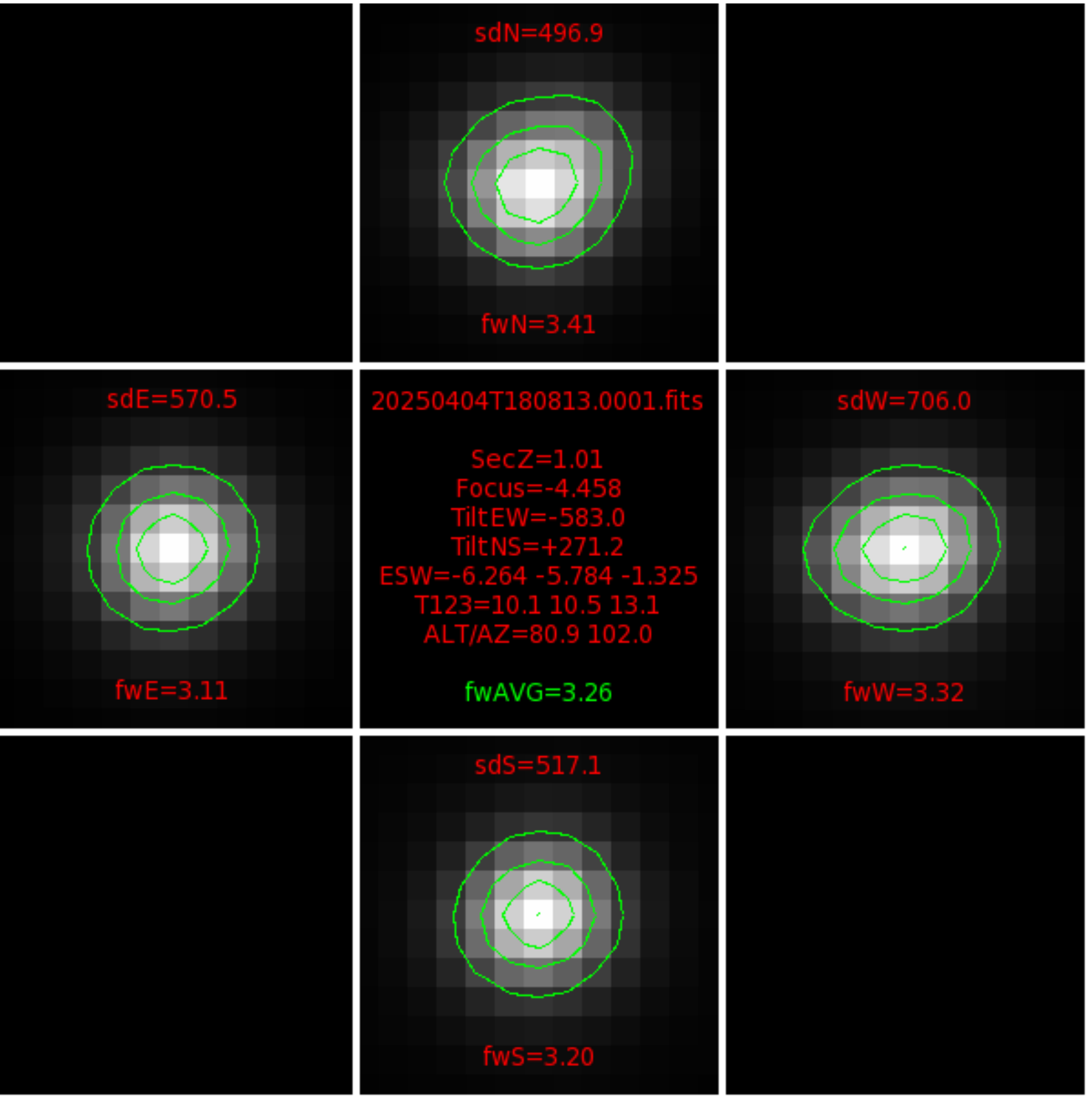
sdN=496.9
fwN=3.41
sdE=570.5
fwE=3.11
20250404T180813.0001.fits
SecZ=1.01
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.1 10.5 13.1
ALT/AZ=80.9 102.0
fwAVG=3.26
sdW=706.0
fwW=3.32
sdS=517.1
fwS=3.20
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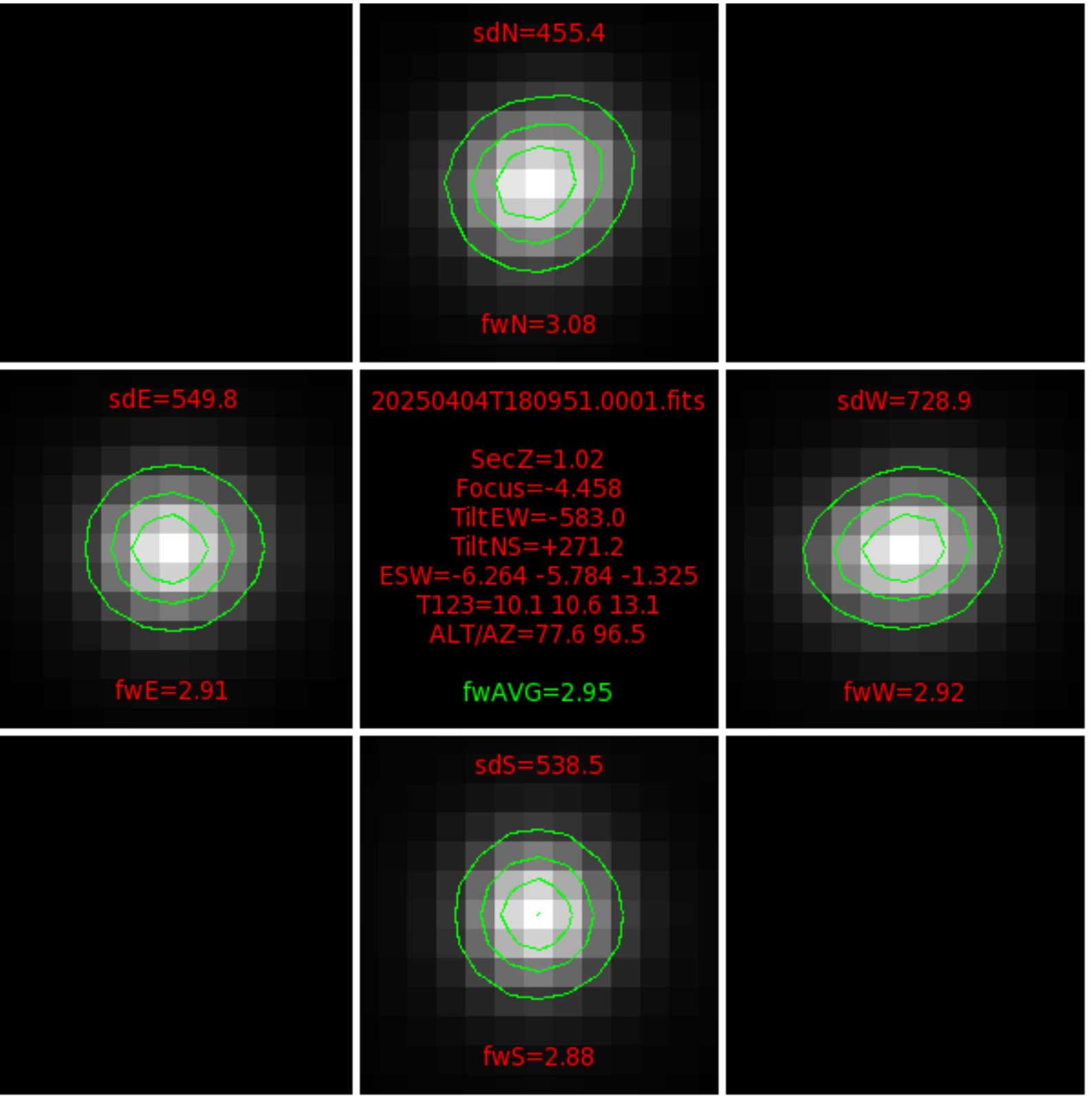
sdN=455.4
fwN=3.08
sdE=549.8
fwE=2.91
20250404T180951.0001.fits
SecZ=1.02
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.1 10.6 13.1
ALT/AZ=77.6 96.5
fwAVG=2.95
sdW=728.9
fwW=2.92
sdS=538.5
fwS=2.88
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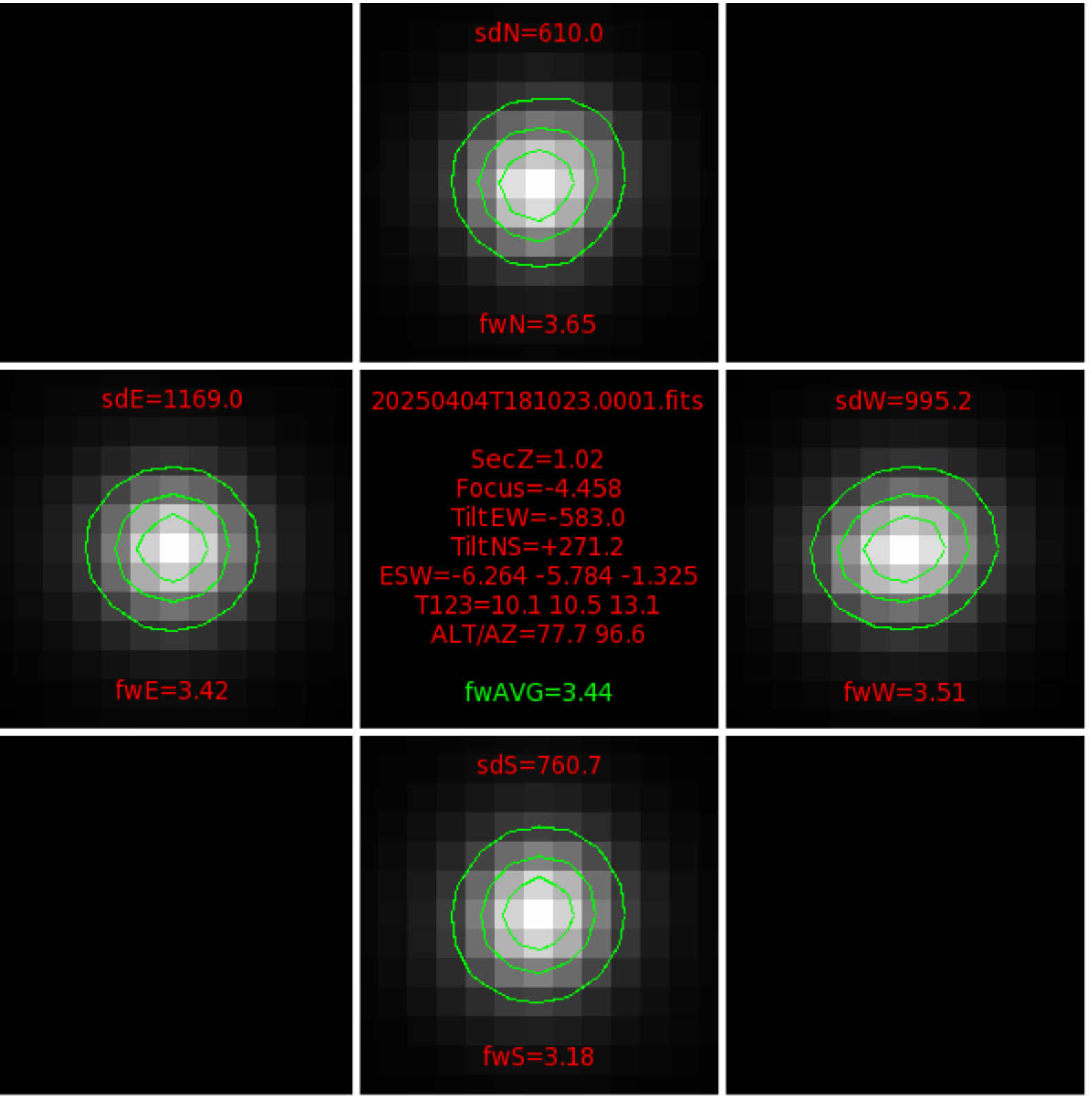
sdN=610.0
fwN=3.65
sdE=1169.0
fwE=3.42
20250404T181023.0001.fits
SecZ=1.02
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.1 10.5 13.1
ALT/AZ=77.7 96.6
fwAVG=3.44
sdW=995.2
fwW=3.51
sdS=760.7
fwS=3.18
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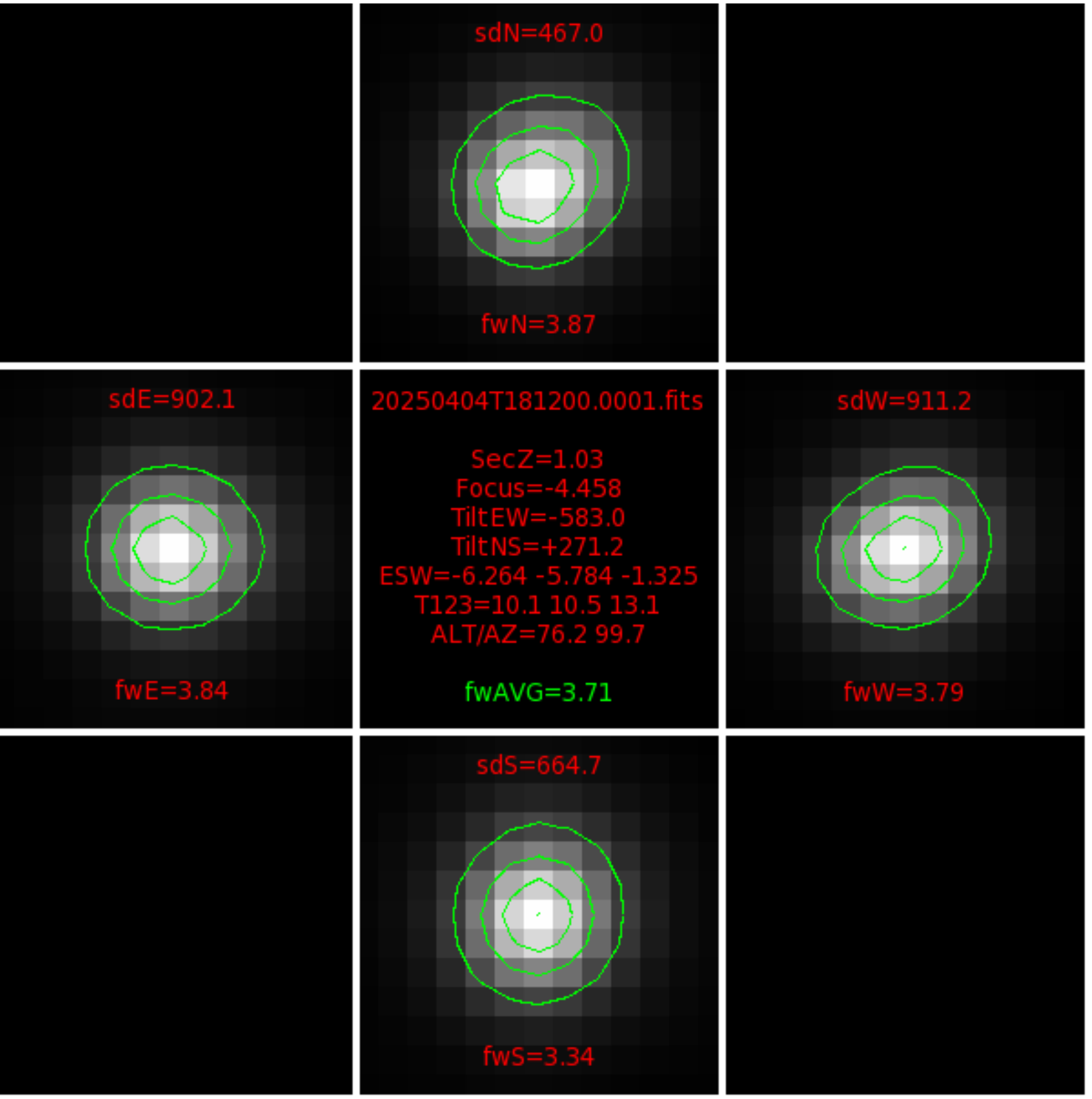
sdN=467.0
fwN=3.87
sdE=902.1
fwE=3.84
20250404T181200.0001.fits
SecZ=1.03
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.1 10.5 13.1
ALT/AZ=76.2 99.7
fwAVG=3.71
sdW=911.2
fwW=3.79
sdS=664.7
fwS=3.34
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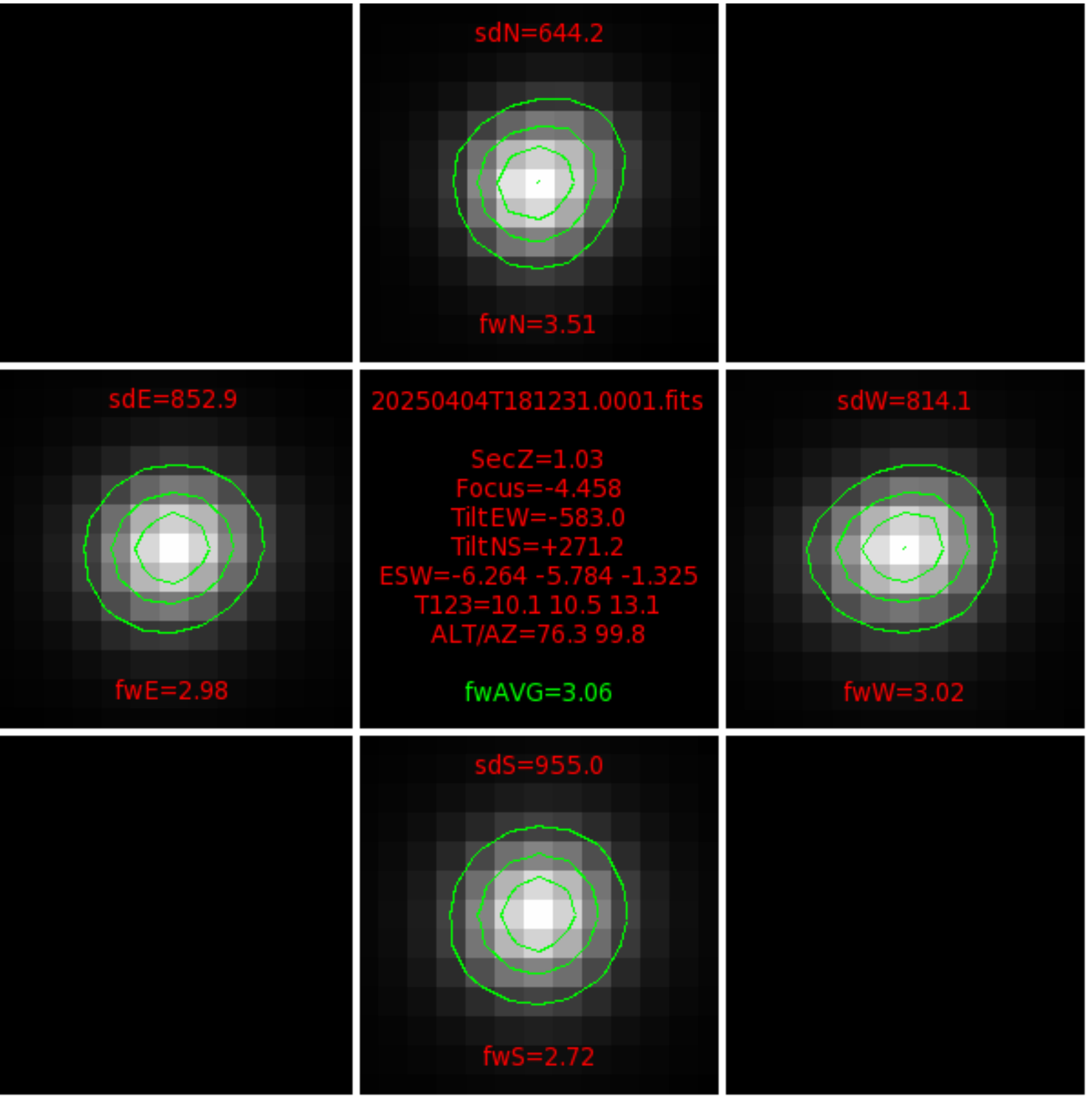
sdN=644.2
fwN=3.51
sdE=852.9
fwE=2.98
20250404T181231.0001.fits
SecZ=1.03
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.1 10.5 13.1
ALT/AZ=76.3 99.8
fwAVG=3.06
sdW=814.1
fwW=3.02
sdS=955.0
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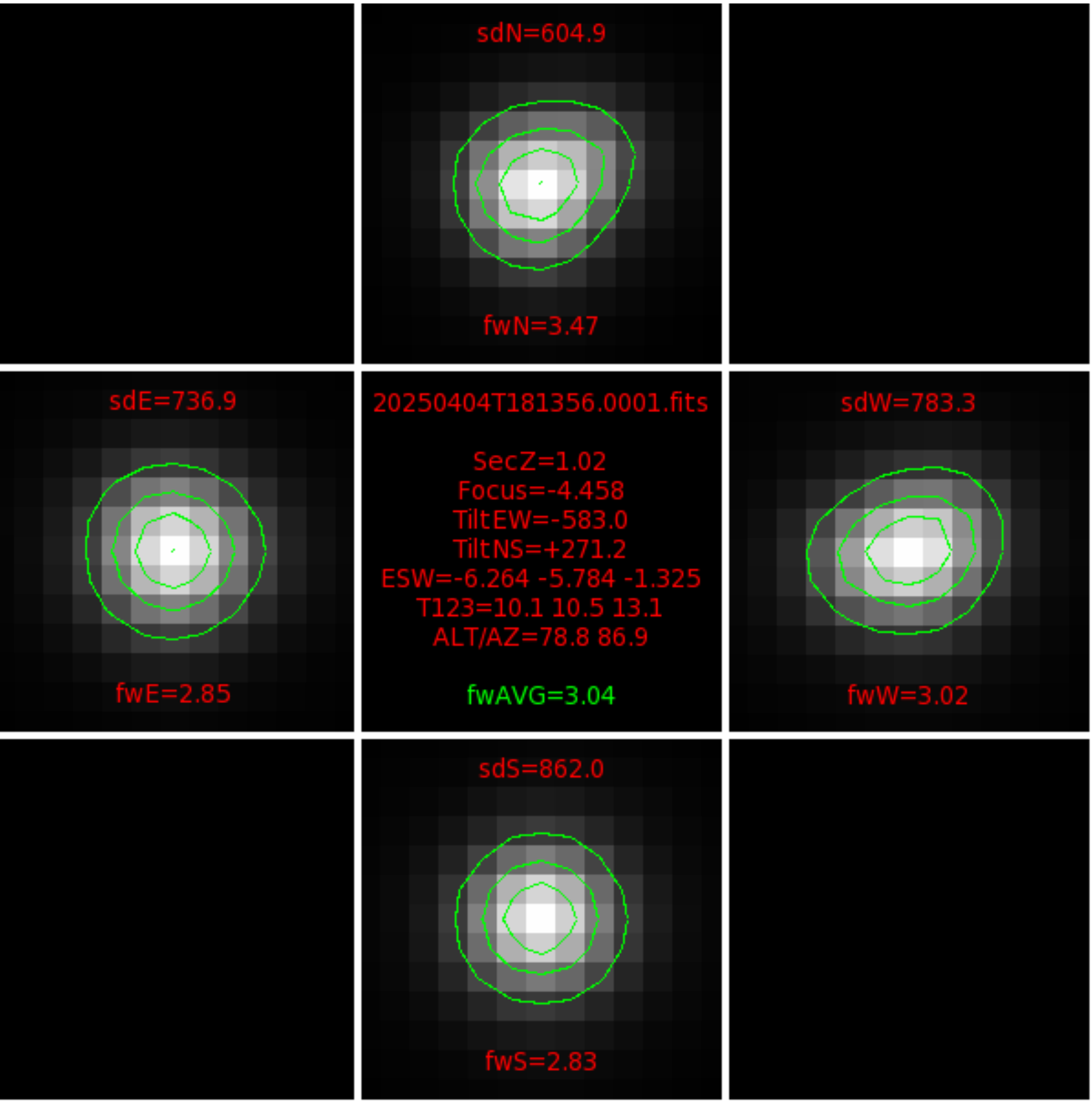
sdN=604.9
fwN=3.47
sdE=736.9
fwE=2.85
20250404T181356.0001.fits
SecZ=1.02
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.1 10.5 13.1
ALT/AZ=78.8 86.9
fwAVG=3.04
sdW=783.3
fwW=3.02
sdS=862.0
fwS=2.83
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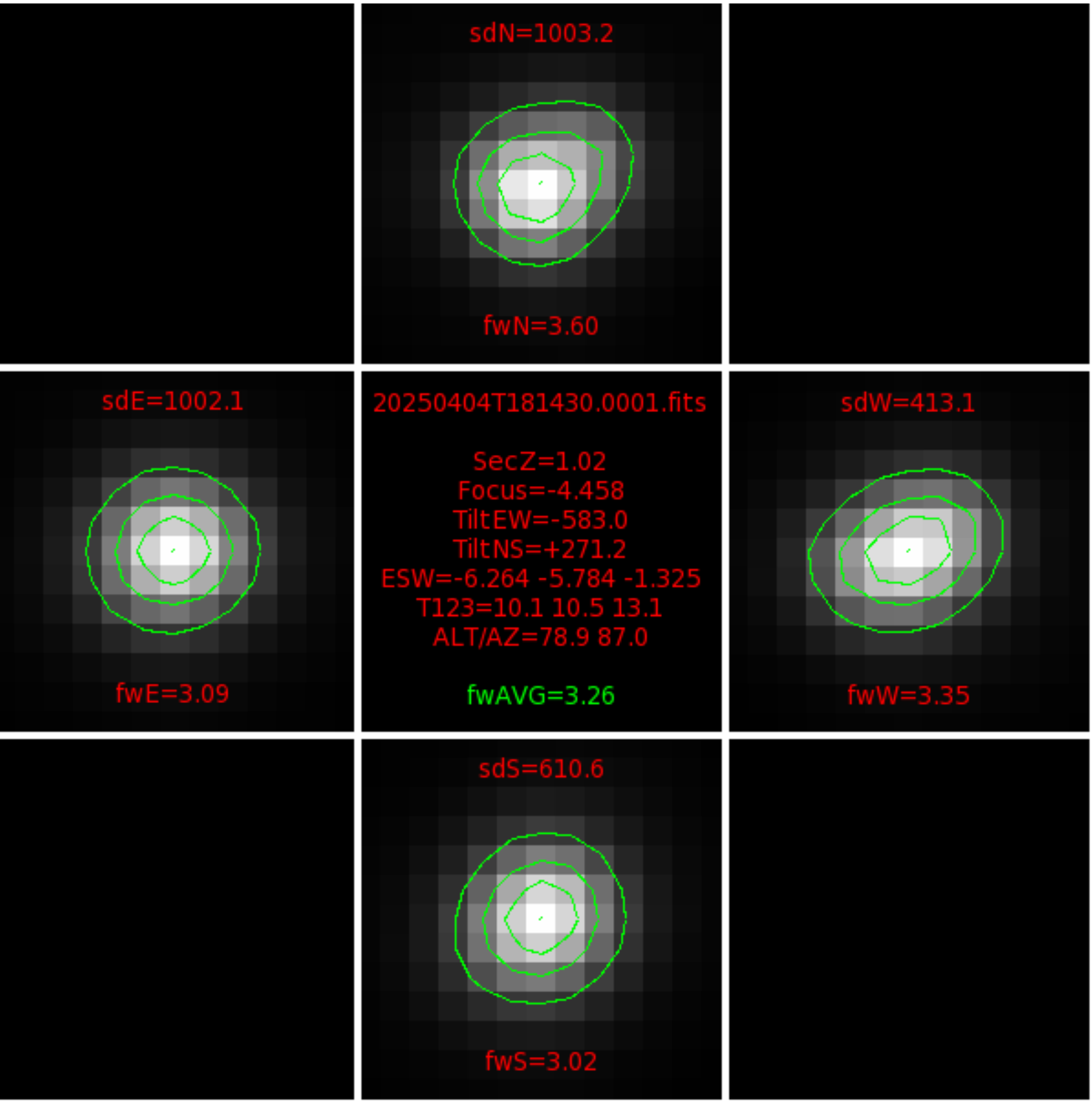
sdN=1003.2
fwN=3.60
sdE=1002.1
fwE=3.09
20250404T181430.0001.fits
SecZ=1.02
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.1 10.5 13.1
ALT/AZ=78.9 87.0
fwAVG=3.26
sdW=413.1
fwW=3.35
sdS=610.6
fwS=3.02
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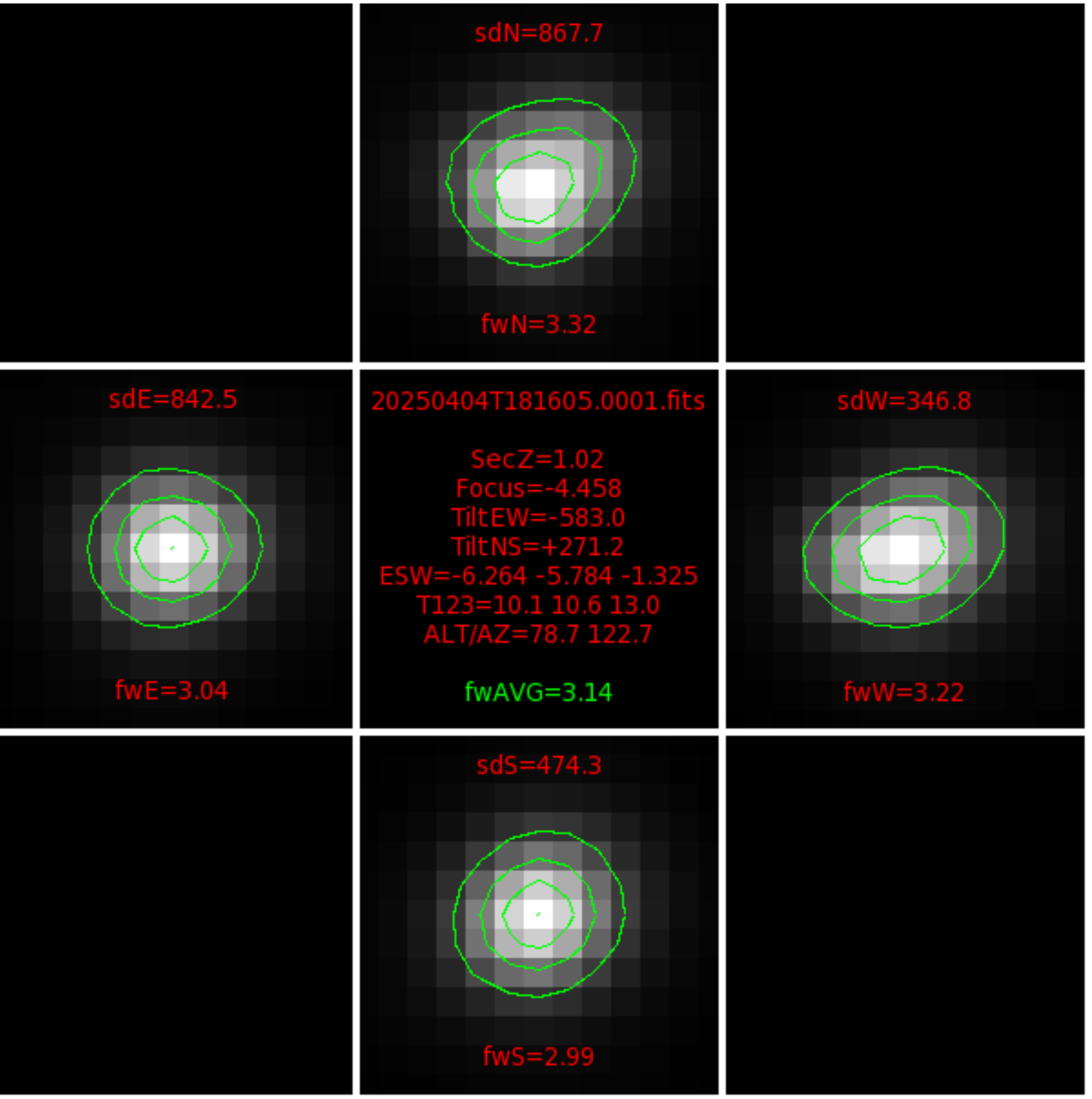
sdN=867.7
fwN=3.32
sdE=842.5
fwE=3.04
20250404T181605.0001.fits
SecZ=1.02
Focus=-4.458
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.264 -5.784 -1.325
T123=10.1 10.6 13.0
ALT/AZ=78.7 122.7
fwAVG=3.14
sdW=346.8
fwW=3.22
sdS=474.3
fwS=2.99
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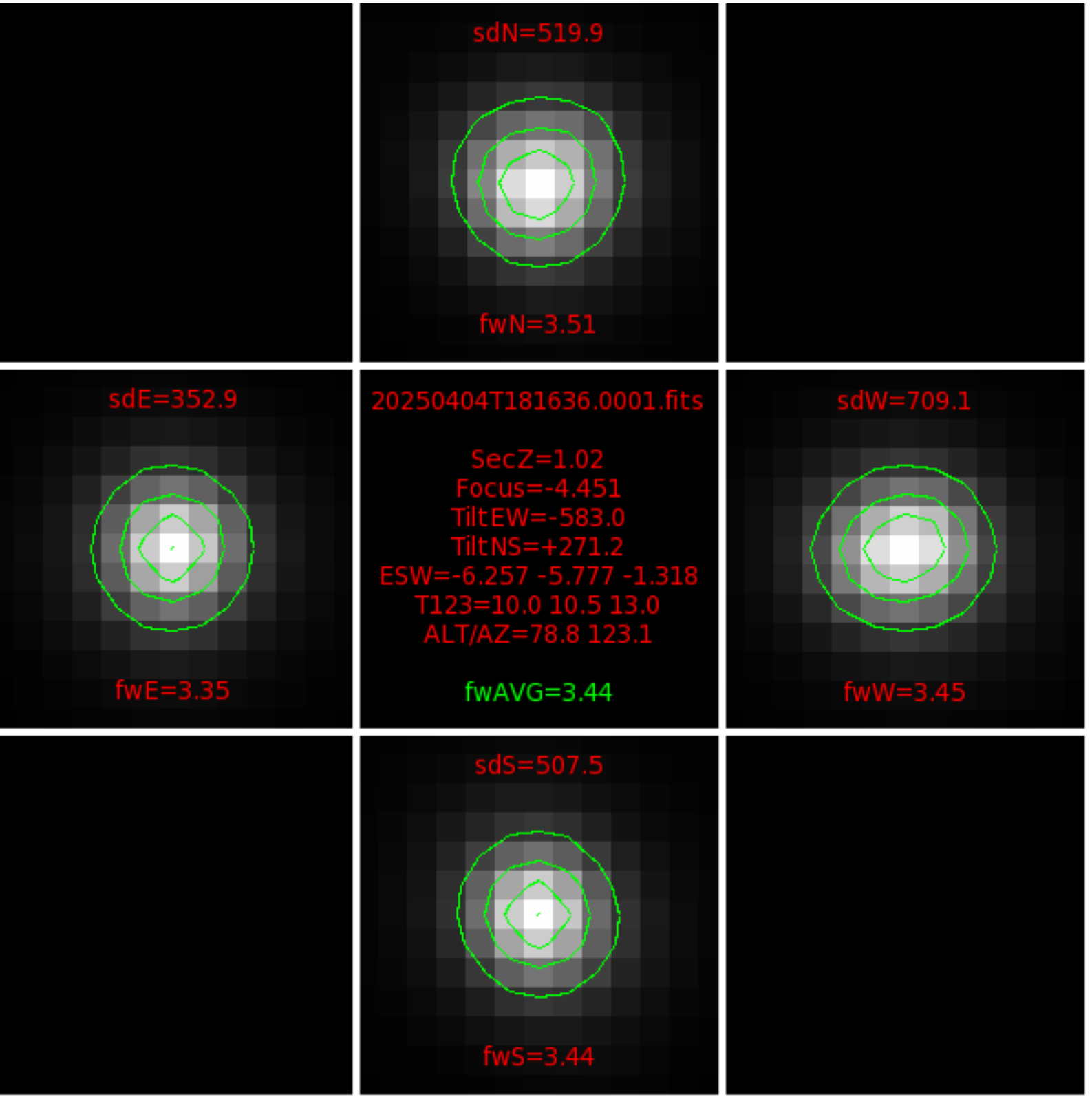
sdN=519.9
fwN=3.51
sdE=352.9
fwE=3.35
20250404T181636.0001.fits
SecZ=1.02
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.5 13.0
ALT/AZ=78.8 123.1
fwAVG=3.44
sdW=709.1
fwW=3.45
sdS=507.5
fwS=3.44
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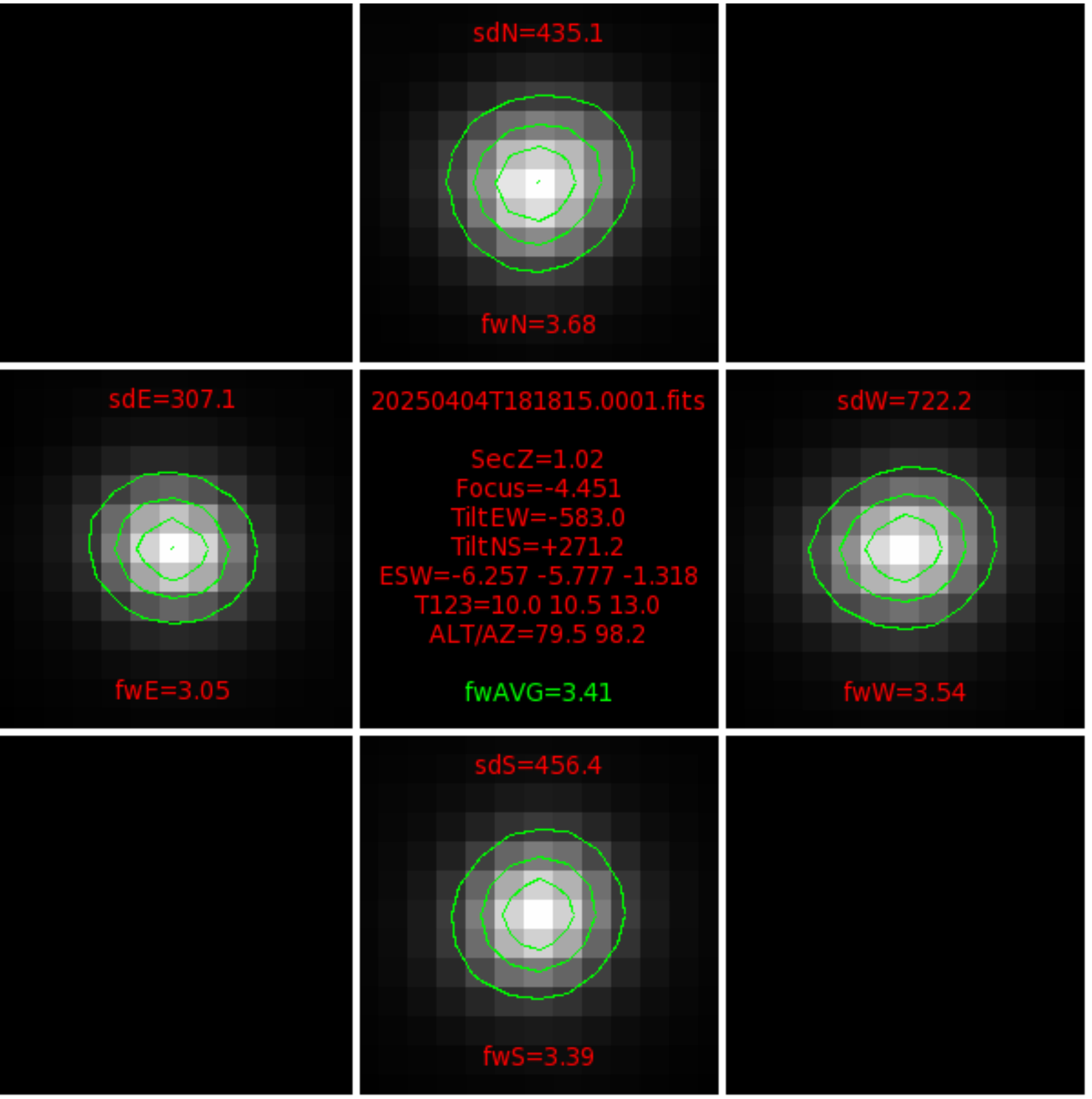
sdN=435.1
fwN=3.68
sdE=307.1
fwE=3.05
20250404T181815.0001.fits
SecZ=1.02
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.5 13.0
ALT/AZ=79.5 98.2
fwAVG=3.41
sdW=722.2
fwW=3.54
sdS=456.4
fwS=3.39
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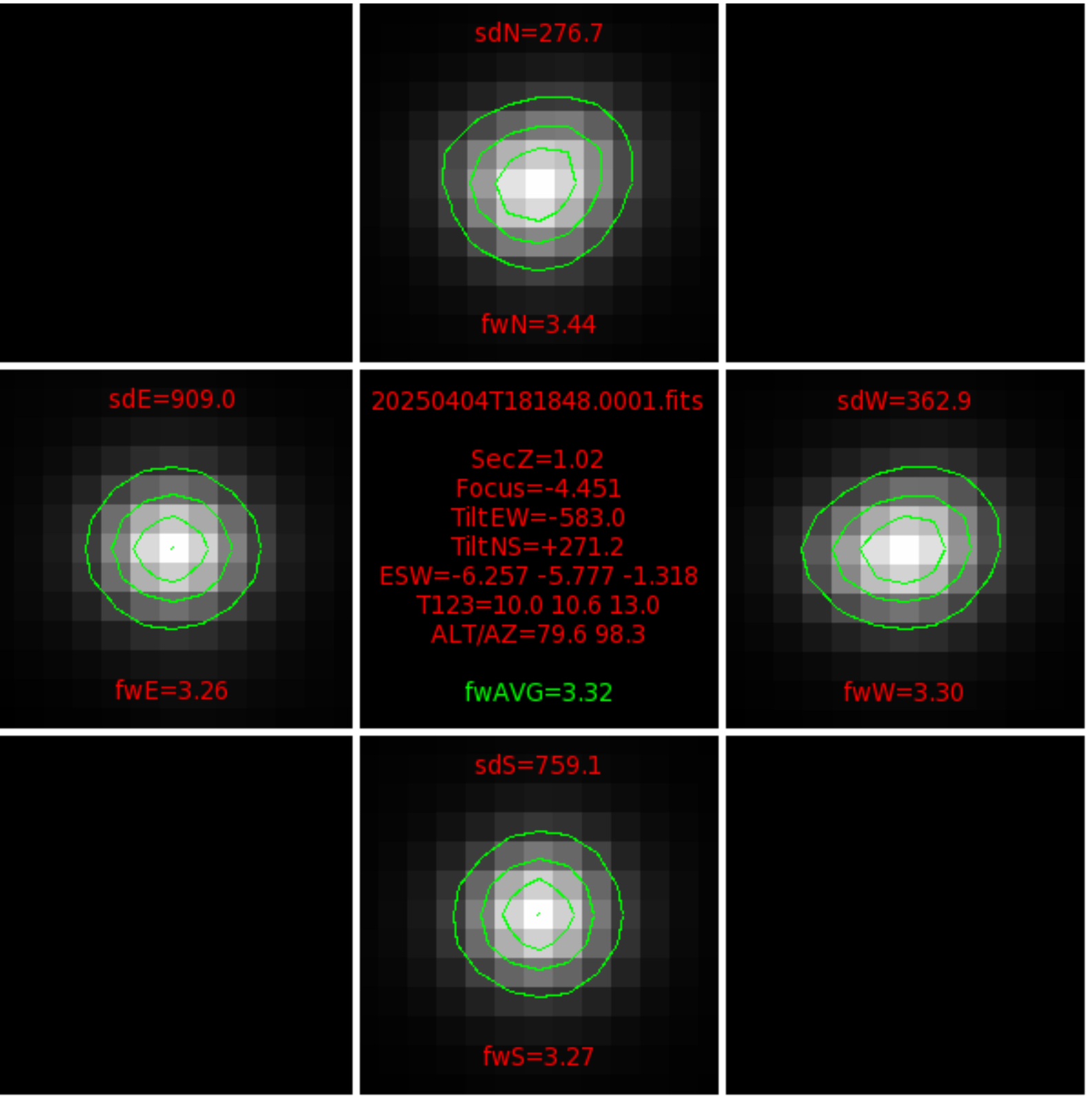
sdN=276.7
fwN=3.44
sdE=909.0
fwE=3.26
20250404T181848.0001.fits
SecZ=1.02
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.6 13.0
ALT/AZ=79.6 98.3
fwAVG=3.32
sdW=362.9
fwW=3.30
sdS=759.1
fwS=3.27
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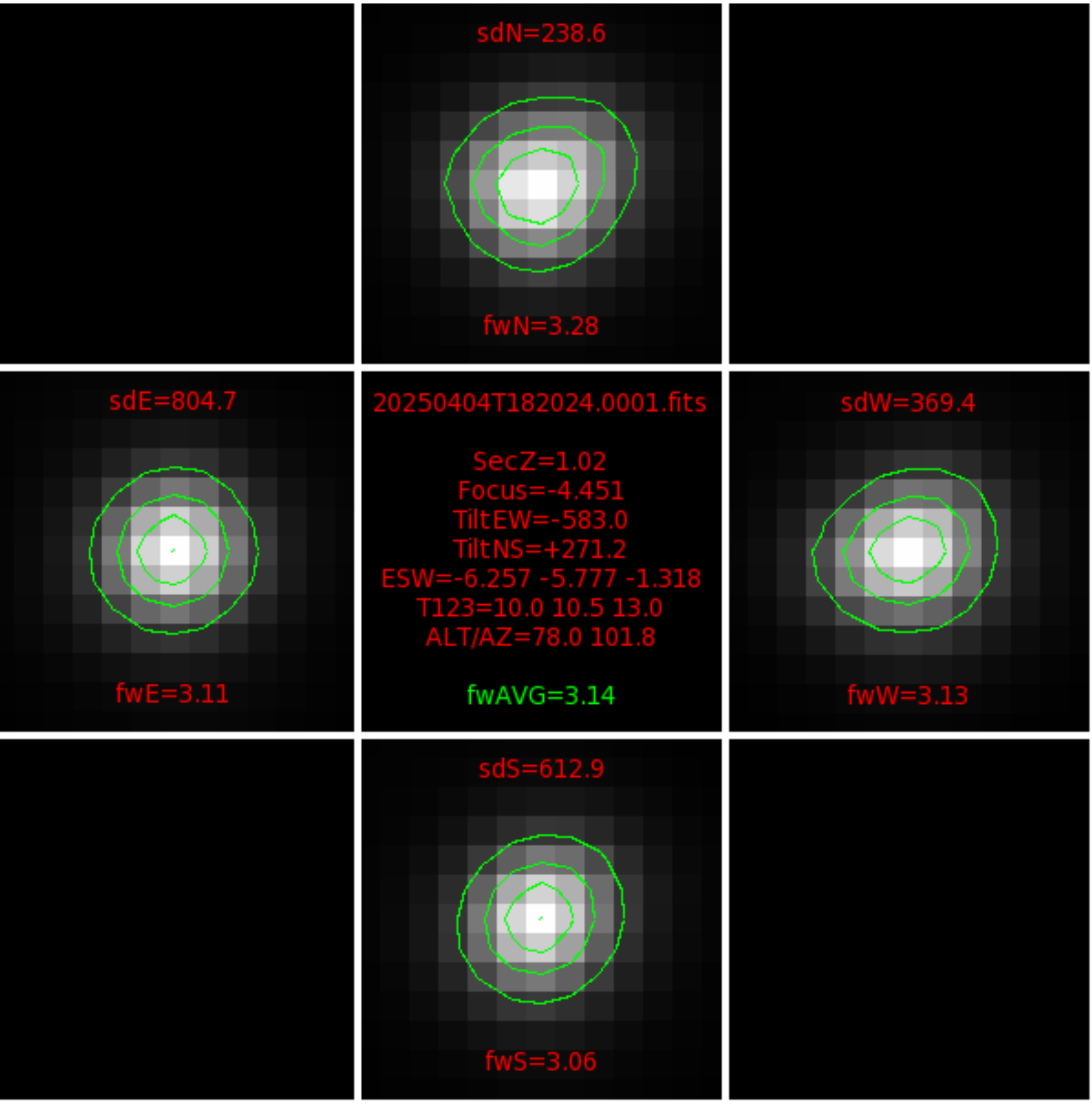
sdN=238.6
fwN=3.28
sdE=804.7
fwE=3.11
20250404T182024.0001.fits
SecZ=1.02
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.5 13.0
ALT/AZ=78.0 101.8
fwAVG=3.14
sdW=369.4
fwW=3.13
sdS=612.9
fwS=3.06
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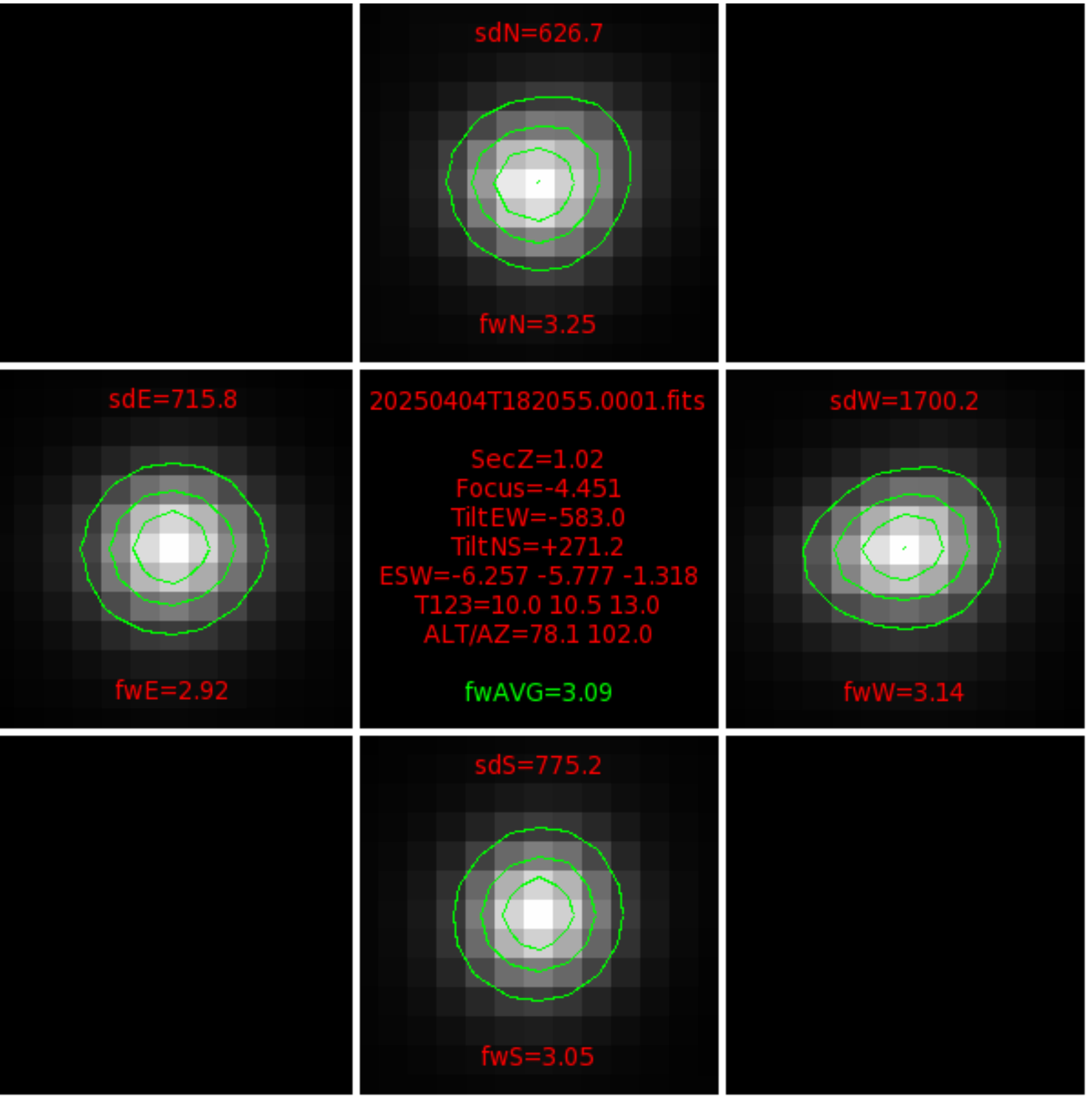
sdN=626.7
fwN=3.25
sdE=715.8
fwE=2.92
20250404T182055.0001.fits
SecZ=1.02
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.5 13.0
ALT/AZ=78.1 102.0
fwAVG=3.09
sdW=1700.2
fwW=3.14
sdS=775.2
fwS=3.05
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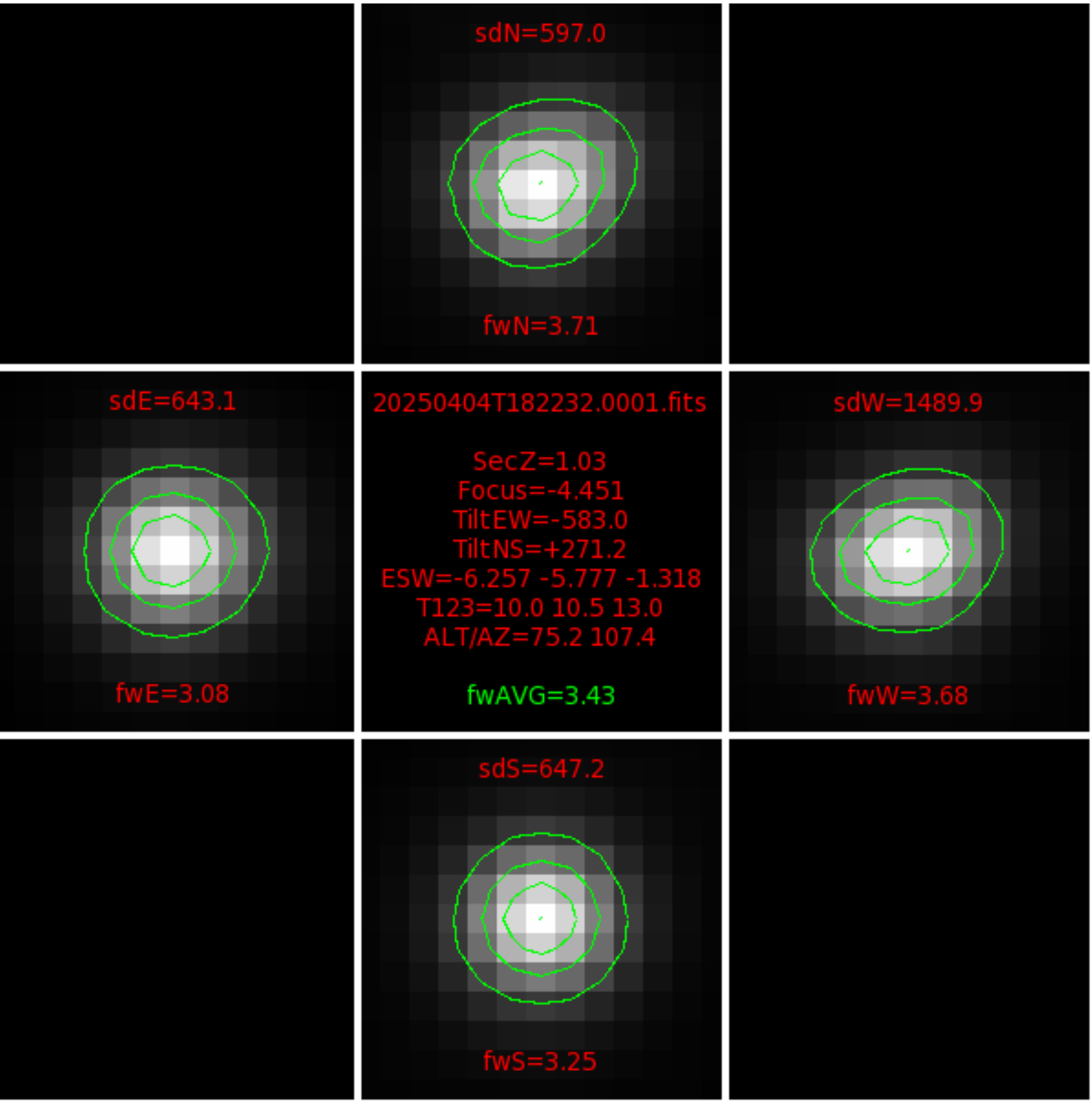
sdN=597.0
fwN=3.71
sdE=643.1
fwE=3.08
20250404T182232.0001.fits
SecZ=1.03
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.5 13.0
ALT/AZ=75.2 107.4
fwAVG=3.43
sdW=1489.9
fwW=3.68
sdS=647.2
fwS=3.25
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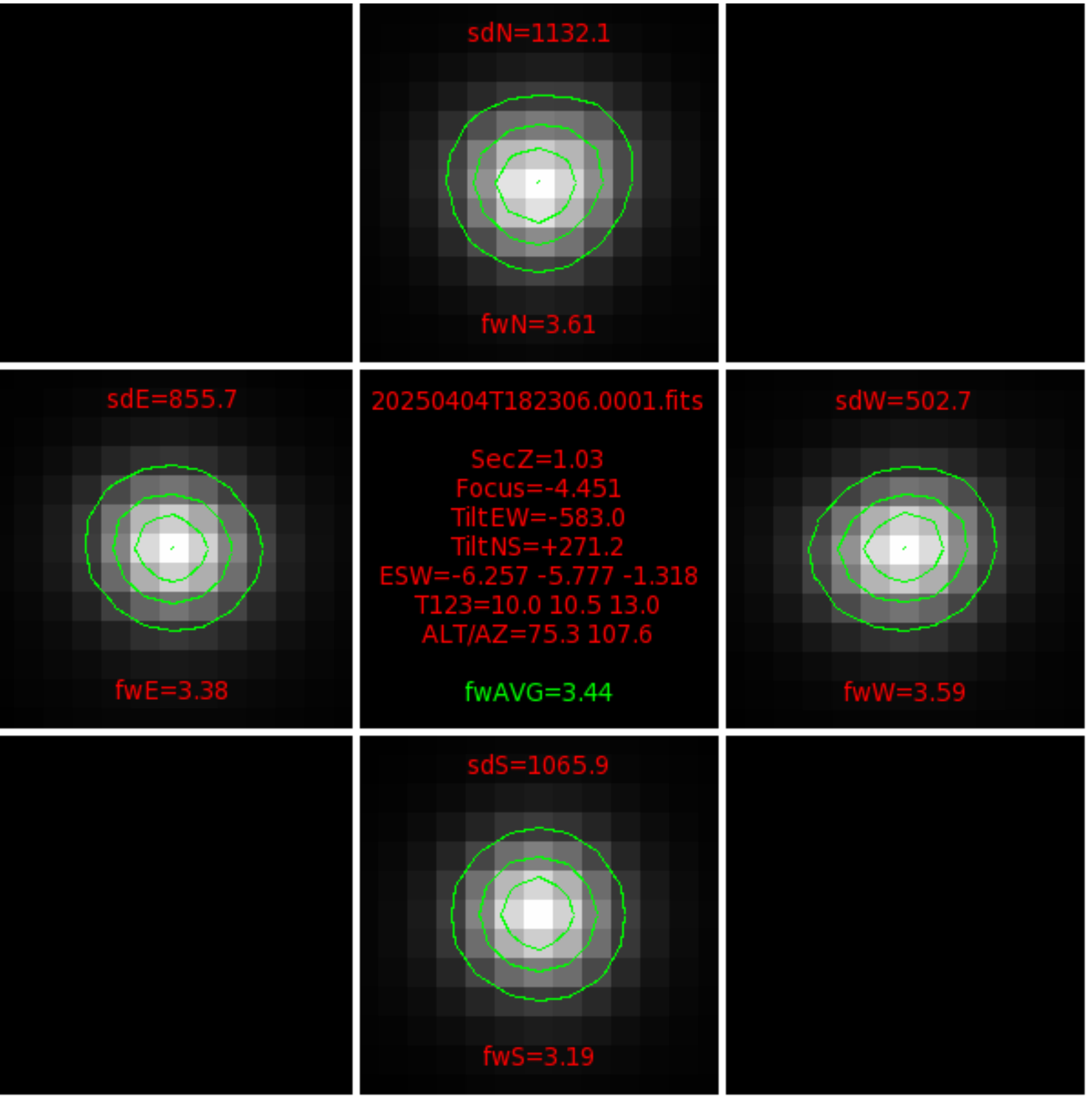
sdN=1132.1
fwN=3.61
sdE=855.7
fwE=3.38
20250404T182306.0001.fits
SecZ=1.03
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.5 13.0
ALT/AZ=75.3 107.6
fwAVG=3.44
sdW=502.7
fwW=3.59
sdS=1065.9
fwS=3.19
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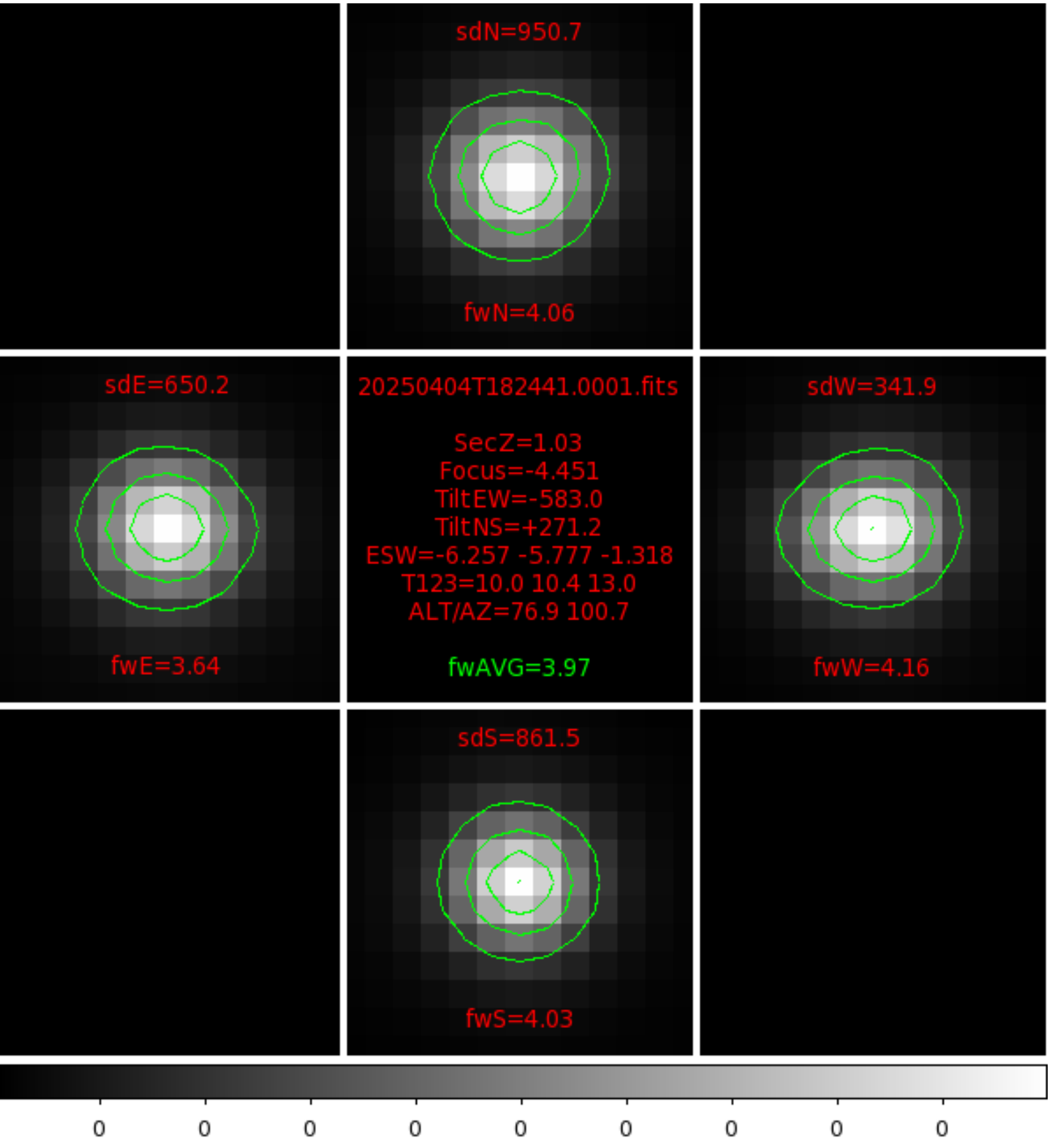
sdN=950.7
fwN=4.06
sdE=650.2
fwE=3.64
20250404T182441.0001.fits
SecZ=1.03
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.4 13.0
ALT/AZ=76.9 100.7
fwAVG=3.97
sdW=341.9
fwW=4.16
sdS=861.5
fwS=4.03
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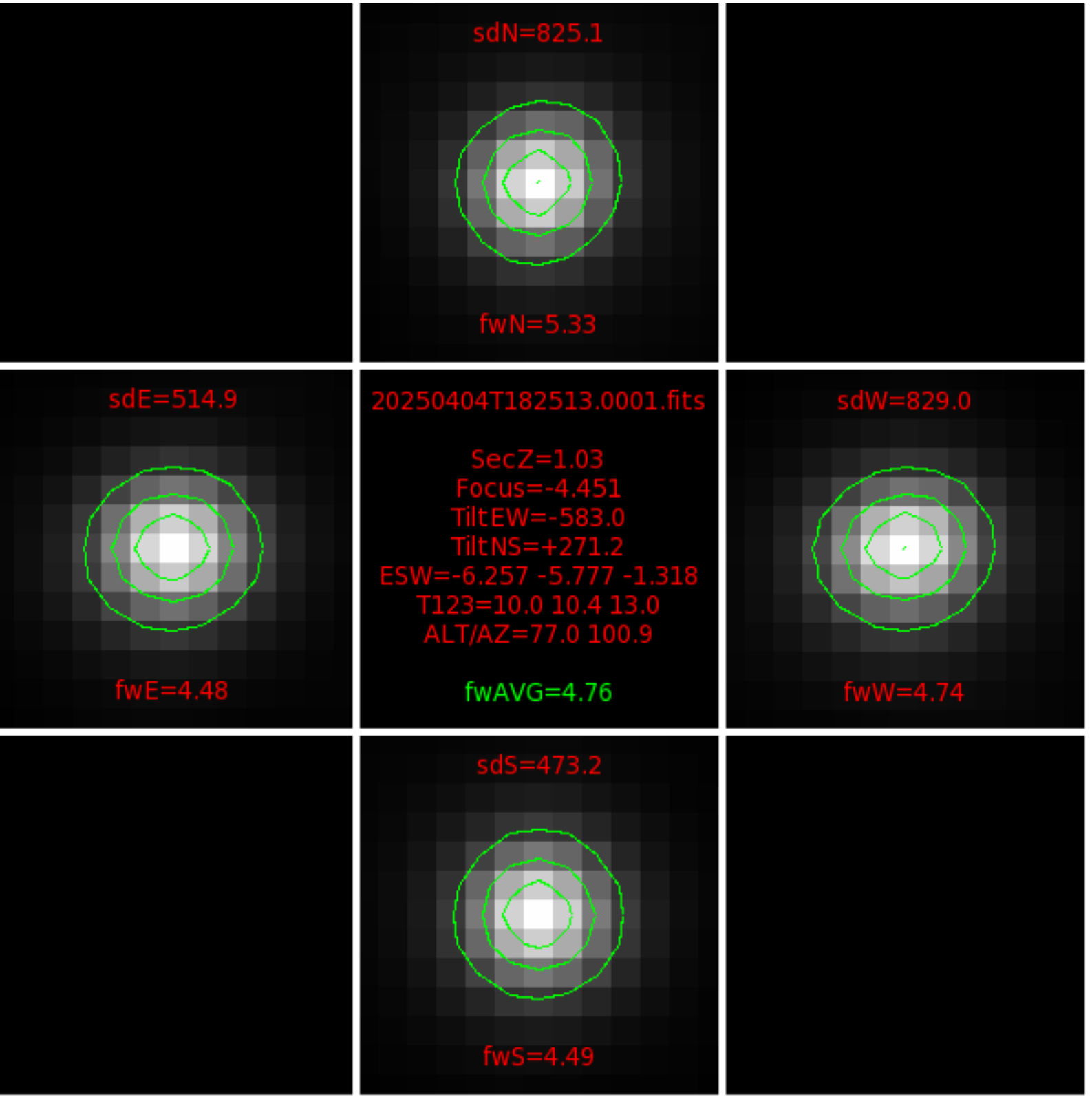
sdN=825.1
fwN=5.33
sdE=514.9
fwE=4.48
20250404T182513.0001.fits
SecZ=1.03
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.4 13.0
ALT/AZ=77.0 100.9
fwAVG=4.76
sdW=829.0
fwW=4.74
sdS=473.2
fwS=4.49
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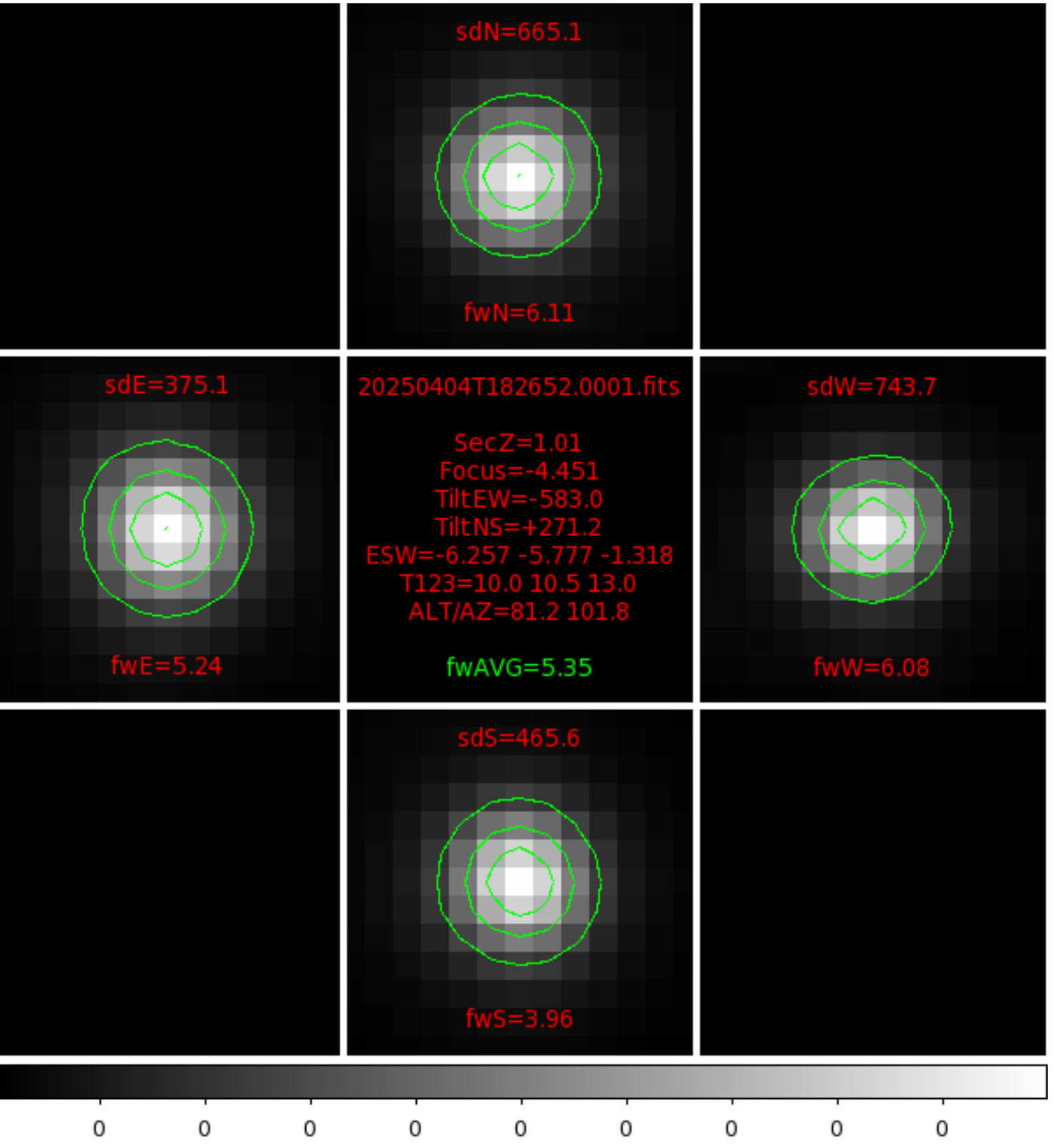
sdN=665.1
fwN=6.11
sdE=375.1
fwE=5.24
20250404T182652.0001.fits
SecZ=1.01
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.5 13.0
ALT/AZ=81.2 101.8
fwAVG=5.35
sdW=743.7
fwW=6.08
sdS=465.6
fwS=3.96
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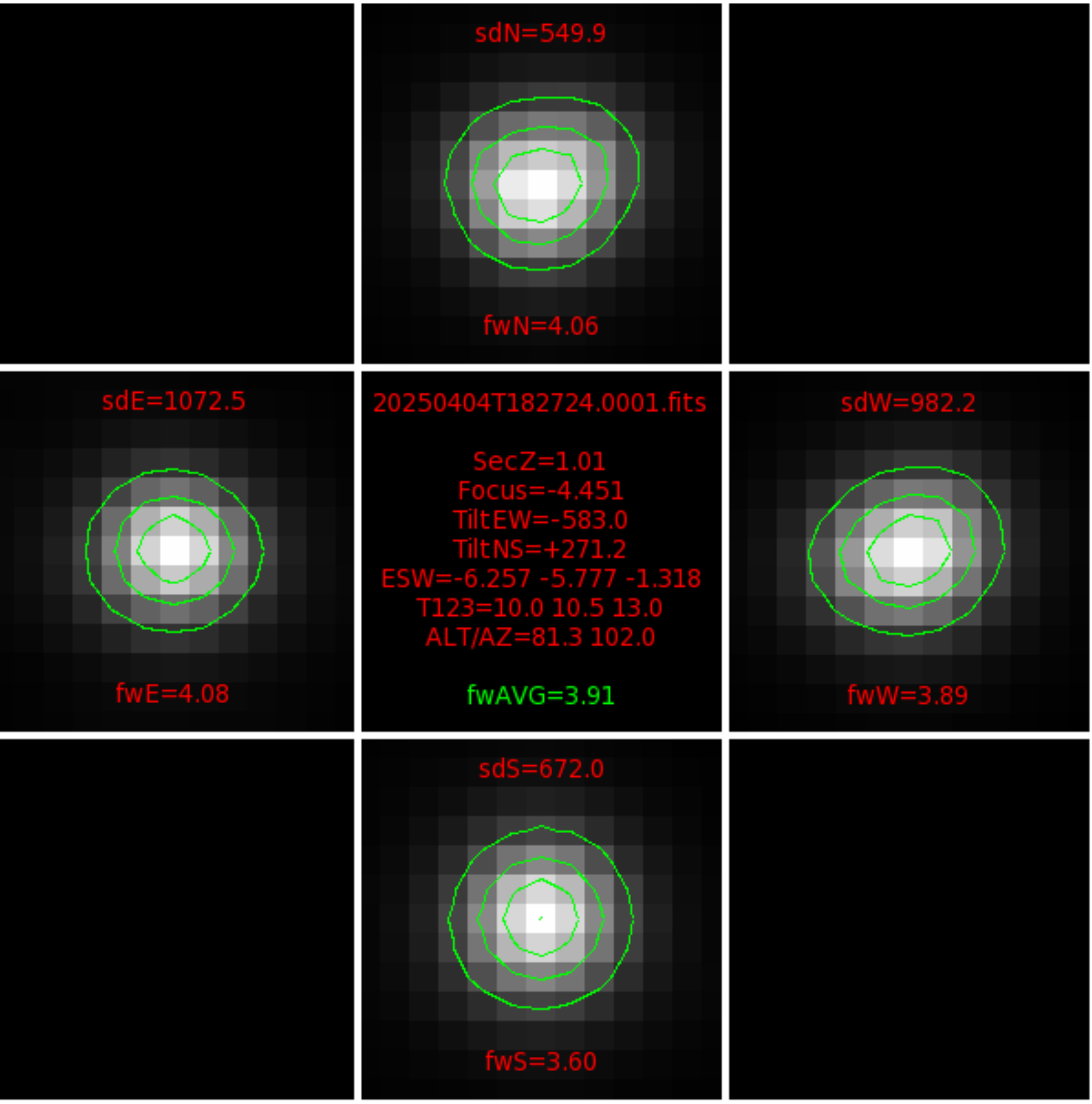
sdN=549.9
fwN=4.06
sdE=1072.5
fwE=4.08
20250404T182724.0001.fits
SecZ=1.01
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.5 13.0
ALT/AZ=81.3 102.0
fwAVG=3.91
sdW=982.2
fwW=3.89
sdS=672.0
fwS=3.60
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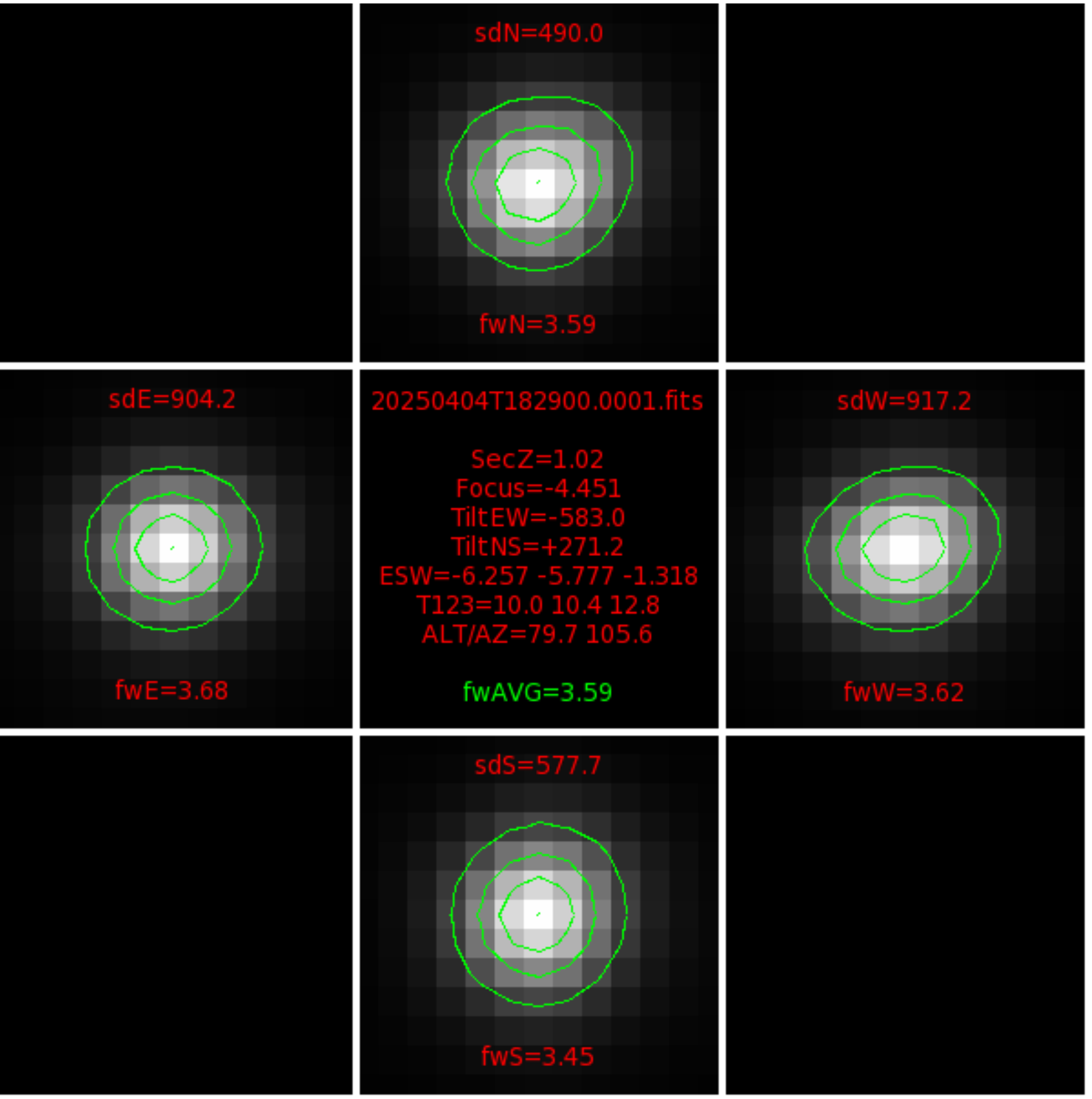
sdN=490.0
fwN=3.59
sdE=904.2
fwE=3.68
20250404T182900.0001.fits
SecZ=1.02
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.4 12.8
ALT/AZ=79.7 105.6
fwAVG=3.59
sdW=917.2
fwW=3.62
sdS=577.7
fwS=3.45
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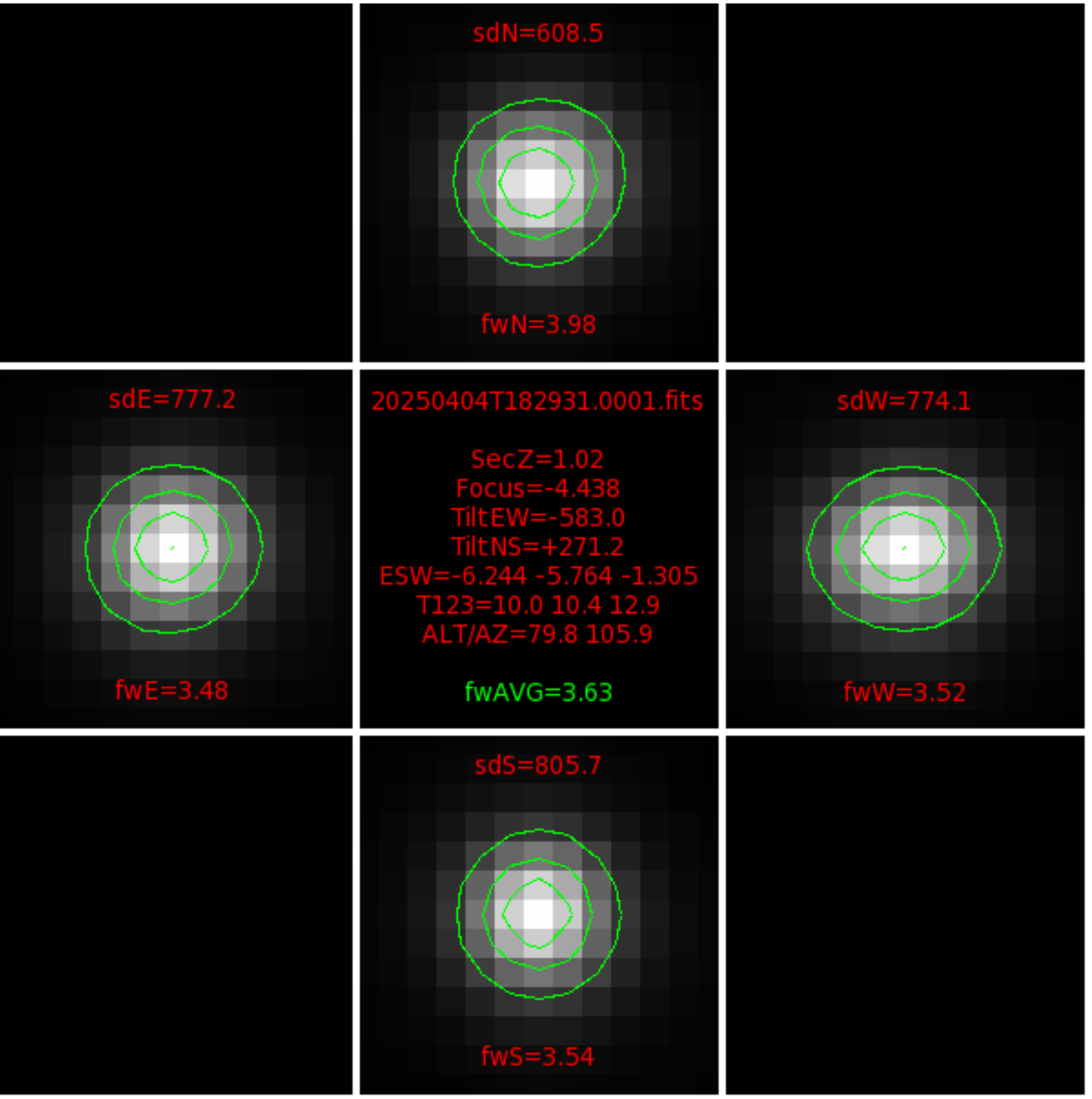
sdN=608.5
fwN=3.98
sdE=777.2
fwE=3.48
20250404T182931.0001.fits
SecZ=1.02
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=10.0 10.4 12.9
ALT/AZ=79.8 105.9
fwAVG=3.63
sdW=774.1
fwW=3.52
sdS=805.7
fwS=3.54
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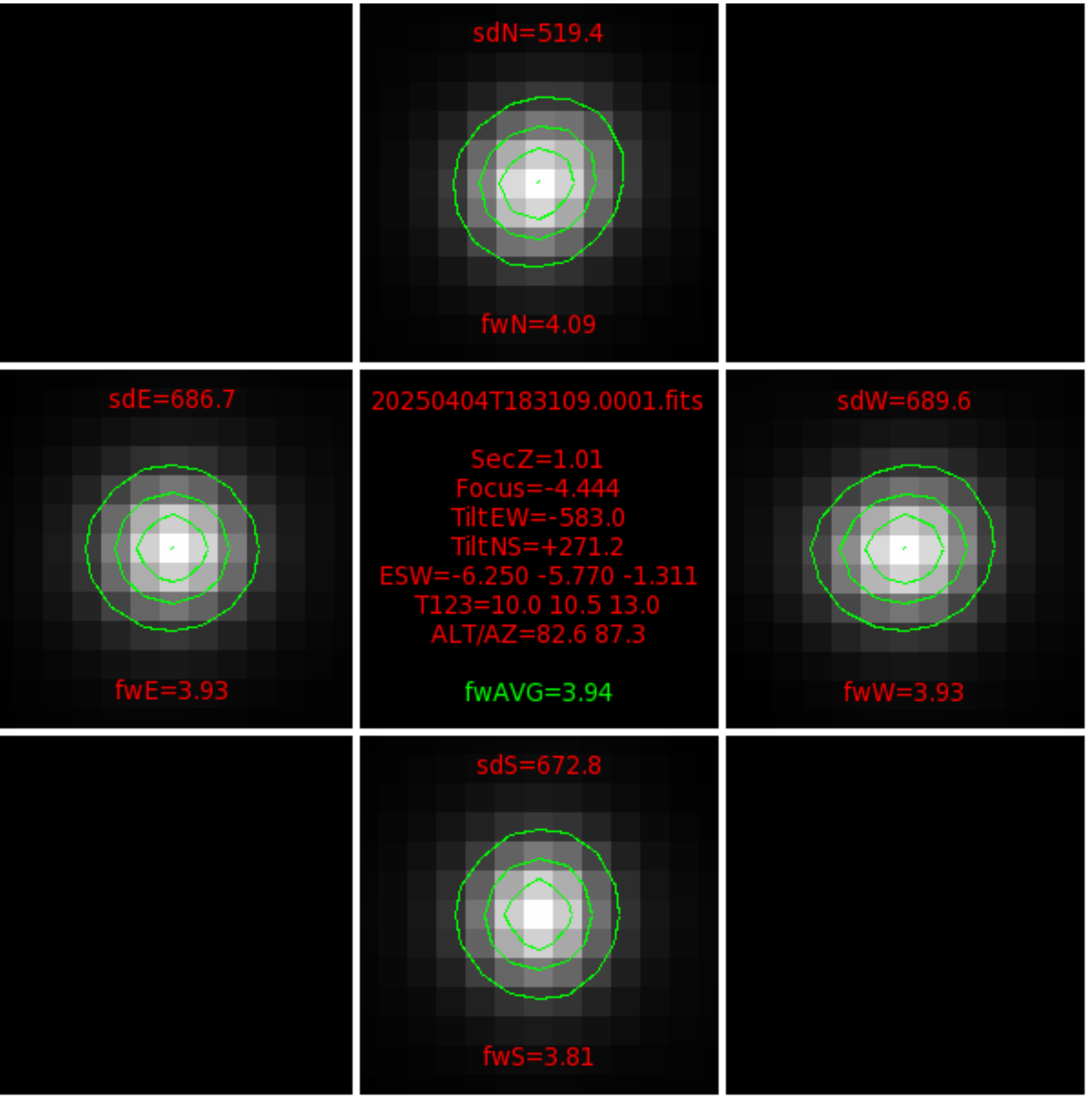
sdN=519.4
fwN=4.09
sdE=686.7
fwE=3.93
20250404T183109.0001.fits
SecZ=1.01
Focus=-4.444
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.250 -5.770 -1.311
T123=10.0 10.5 13.0
ALT/AZ=82.6 87.3
fwAVG=3.94
sdW=689.6
fwW=3.93
sdS=672.8
fwS=3.81
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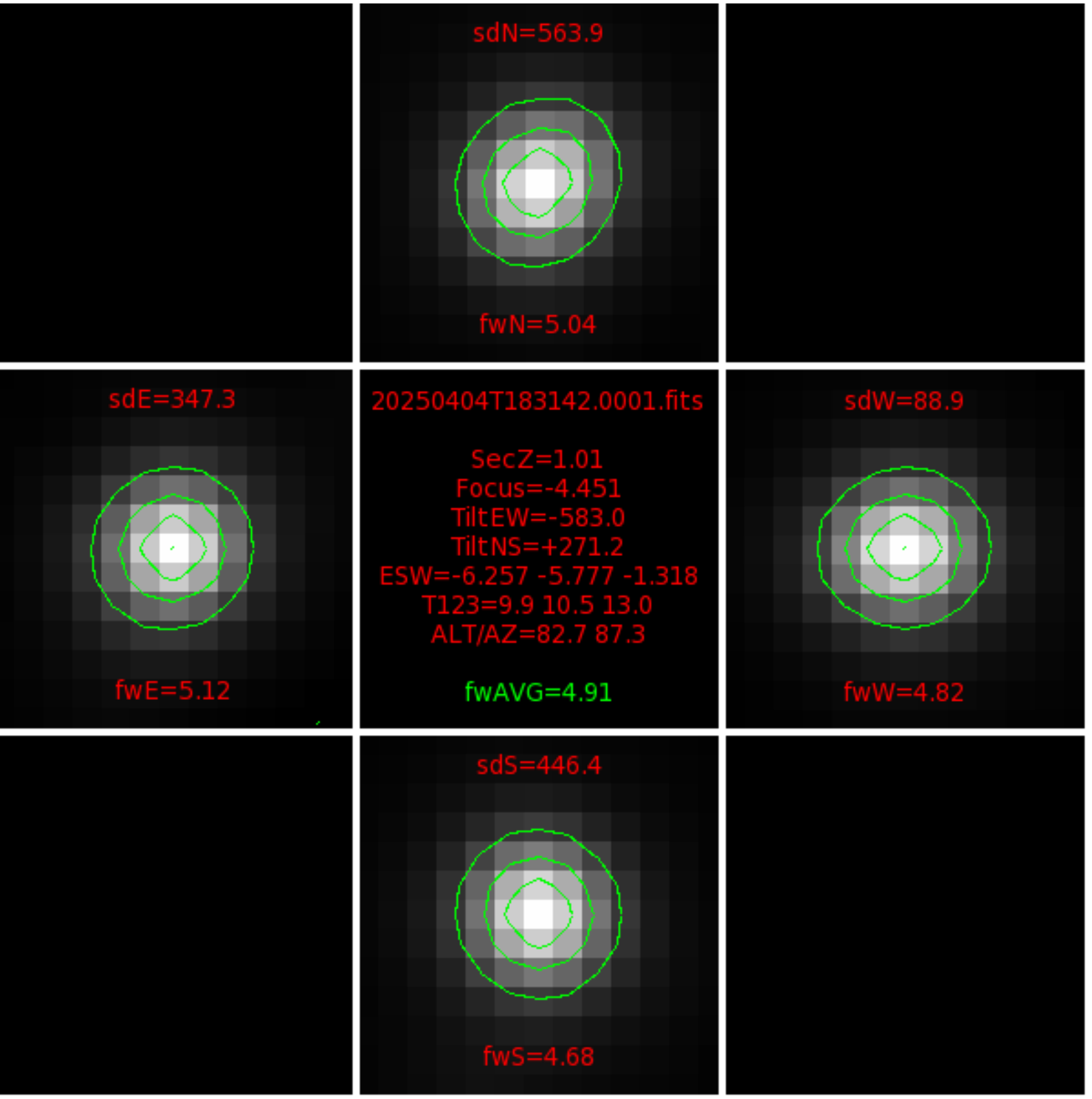
sdN=563.9
fwN=5.04
sdE=347.3
fwE=5.12
20250404T183142.0001.fits
SecZ=1.01
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=9.9 10.5 13.0
ALT/AZ=82.7 87.3
fwAVG=4.91
sdW=88.9
fwW=4.82
sdS=446.4
fwS=4.68
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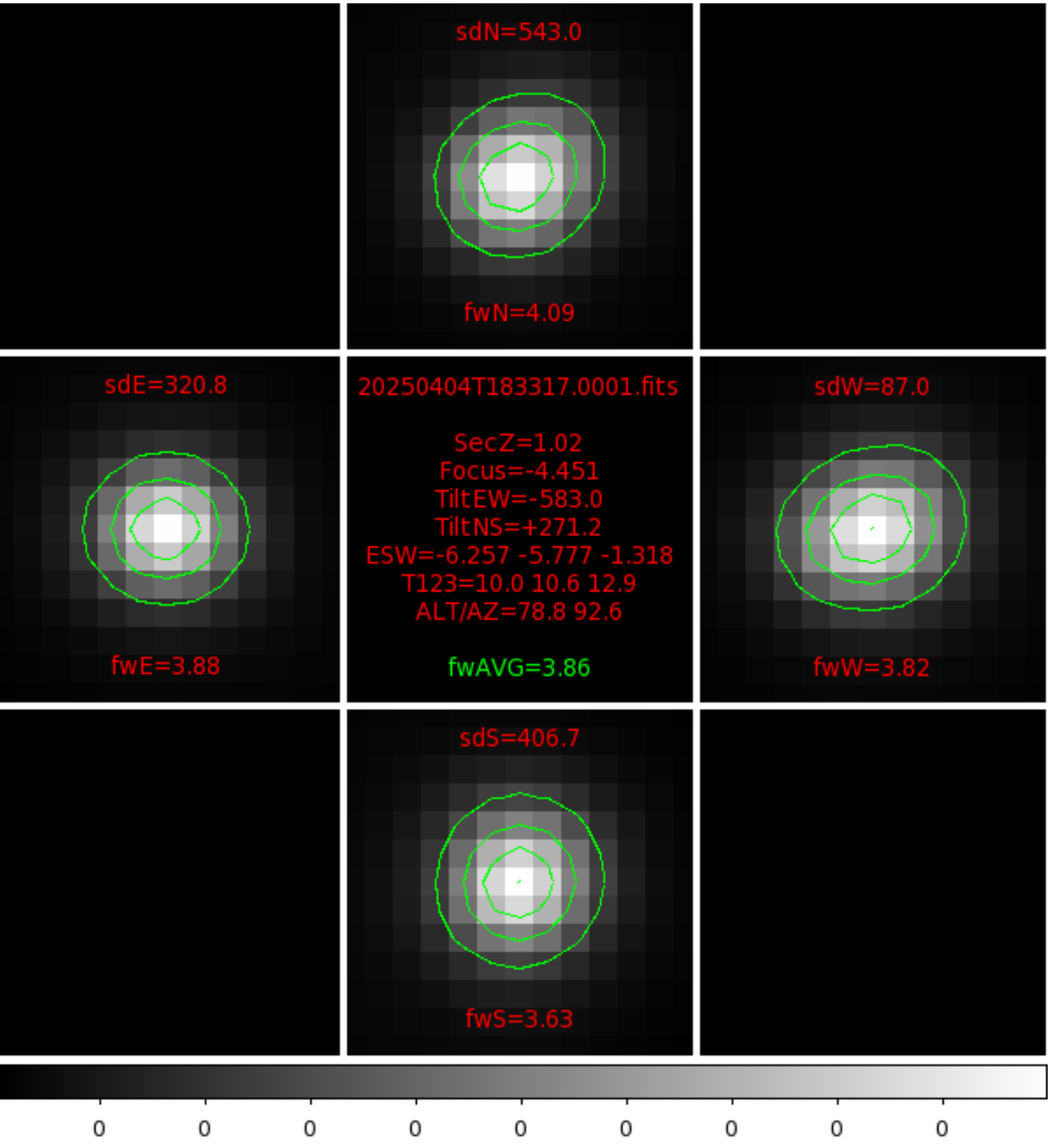
sdN=543.0
fwN=4.09
sdE=320.8
fwE=3.88
20250404T183317.0001.fits
SecZ=1.02
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.6 12.9
ALT/AZ=78.8 92.6
fwAVG=3.86
sdW=87.0
fwW=3.82
sdS=406.7
fwS=3.63
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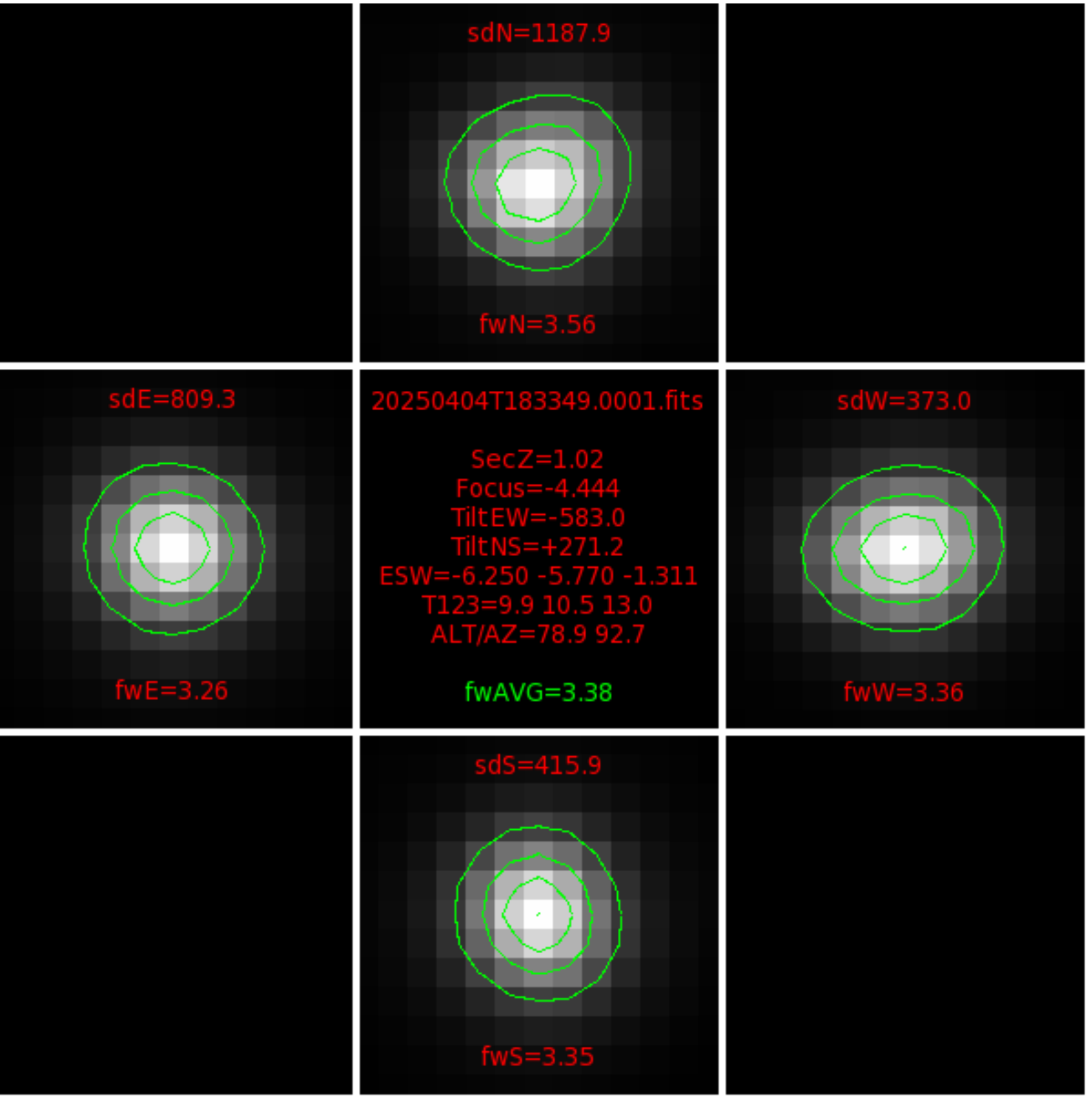
sdN=1187.9
fwN=3.56
sdE=809.3
fwE=3.26
20250404T183349.0001.fits
SecZ=1.02
Focus=-4.444
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.250 -5.770 -1.311
T123=9.9 10.5 13.0
ALT/AZ=78.9 92.7
fwAVG=3.38
sdW=373.0
fwW=3.36
sdS=415.9
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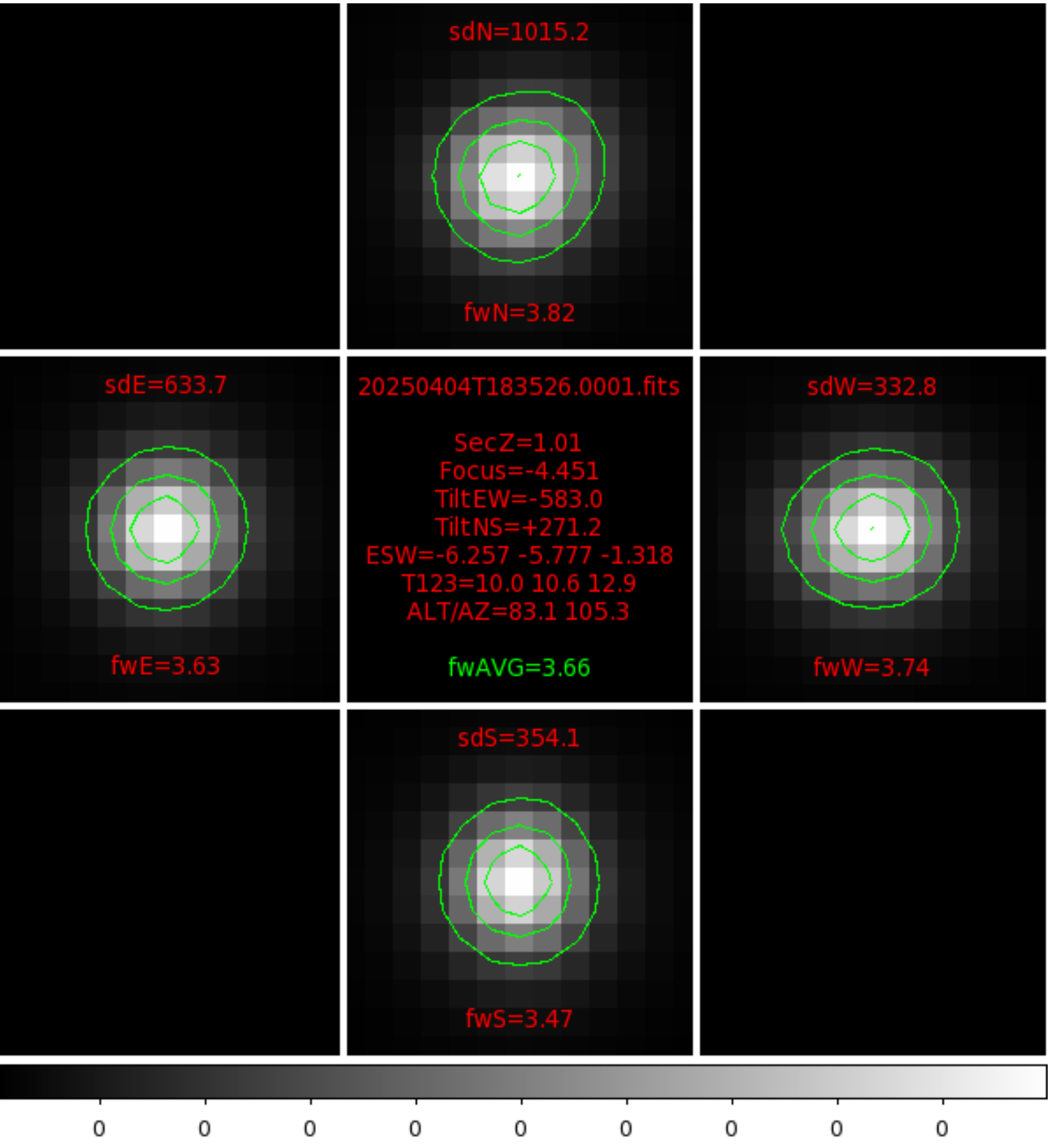
sdN=1015.2
fwN=3.82
sdE=633.7
fwE=3.63
20250404T183526.0001.fits
SecZ=1.01
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.6 12.9
ALT/AZ=83.1 105.3
fwAVG=3.66
sdW=332.8
fwW=3.74
sdS=354.1
fwS=3.47
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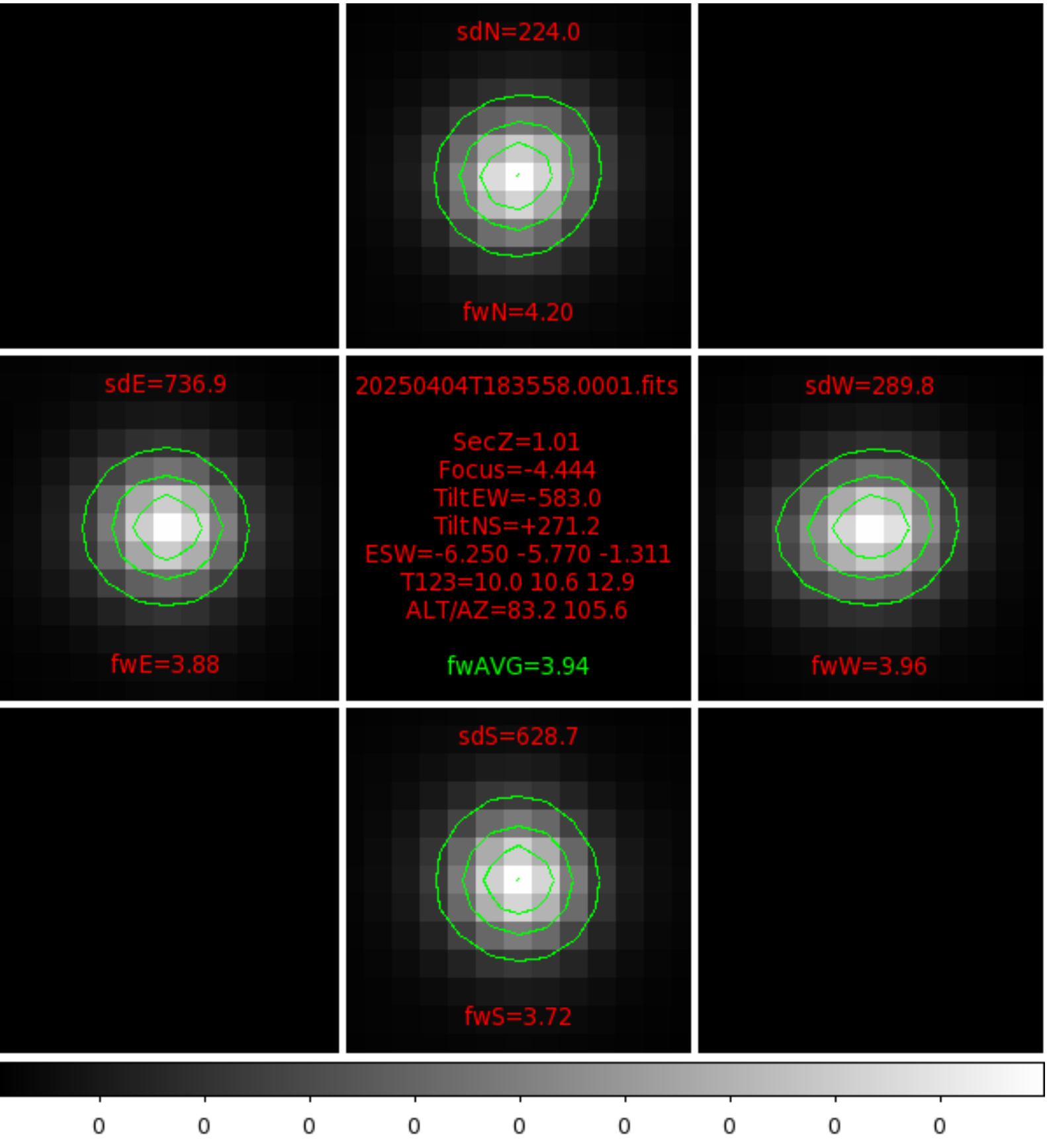
sdN=224.0
fwN=4.20
sdE=736.9
fwE=3.88
20250404T183558.0001.fits
SecZ=1.01
Focus=-4.444
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.250 -5.770 -1.311
T123=10.0 10.6 12.9
ALT/AZ=83.2 105.6
fwAVG=3.94
sdW=289.8
fwW=3.96
sdS=628.7
fwS=3.72
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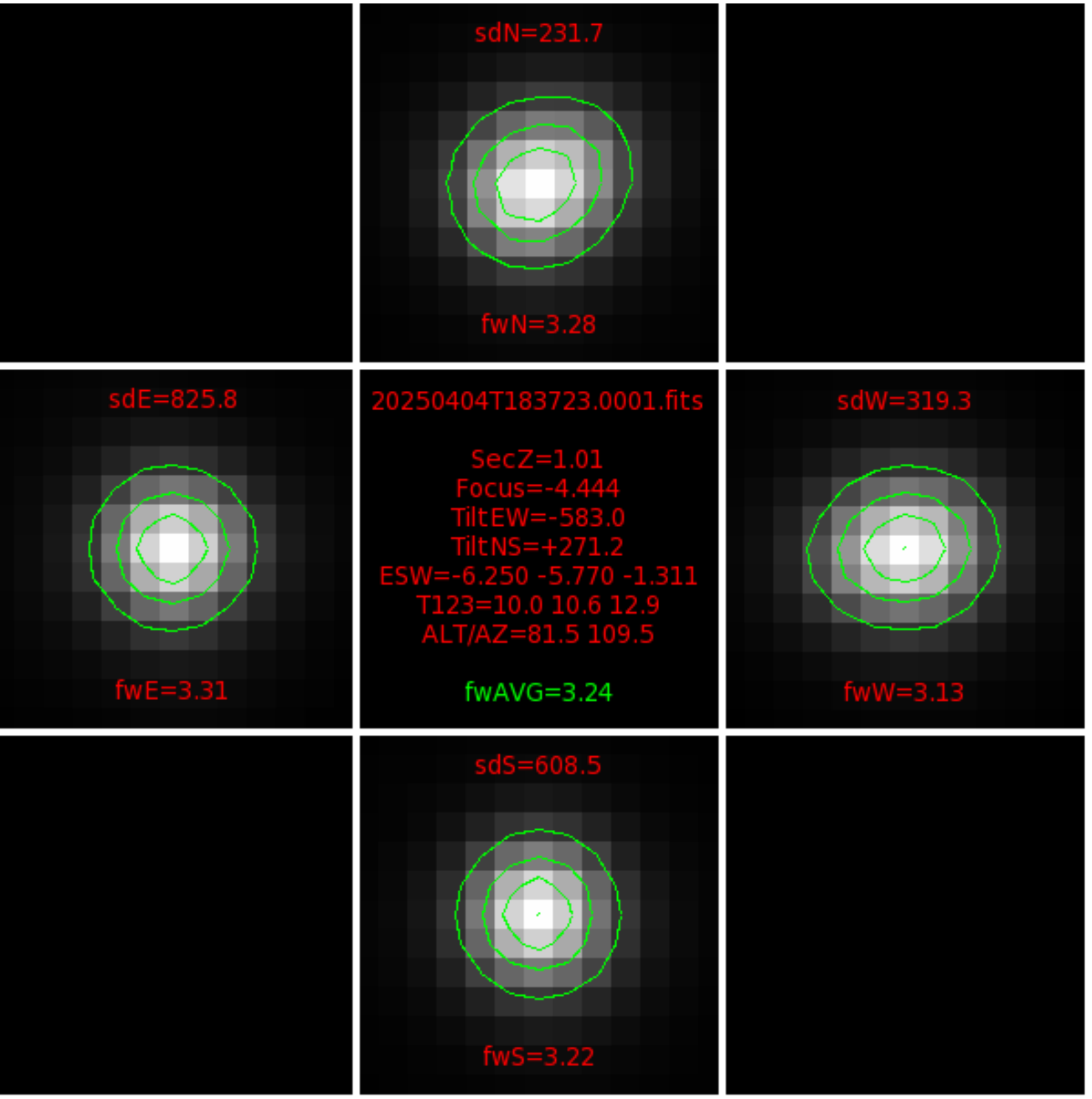
sdN=231.7
fwN=3.28
sdE=825.8
fwE=3.31
20250404T183723.0001.fits
SecZ=1.01
Focus=-4.444
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.250 -5.770 -1.311
T123=10.0 10.6 12.9
ALT/AZ=81.5 109.5
fwAVG=3.24
sdW=319.3
fwW=3.13
sdS=608.5
fwS=3.22
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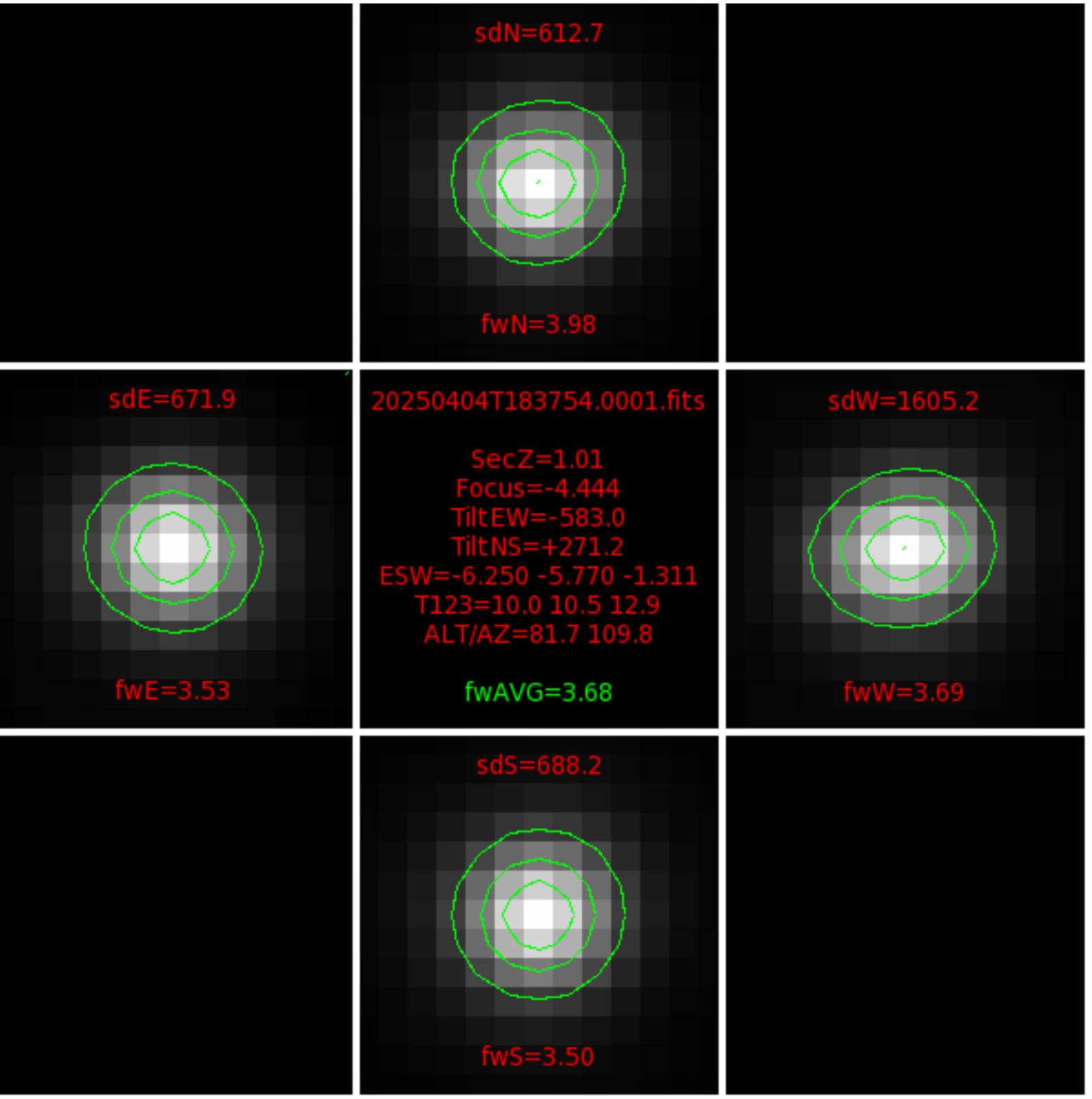
sdN=612.7
fwN=3.98
sdE=671.9
fwE=3.53
20250404T183754.0001.fits
SecZ=1.01
Focus=-4.444
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.250 -5.770 -1.311
T123=10.0 10.5 12.9
ALT/AZ=81.7 109.8
fwAVG=3.68
sdW=1605.2
fwW=3.69
sdS=688.2
fwS=3.50
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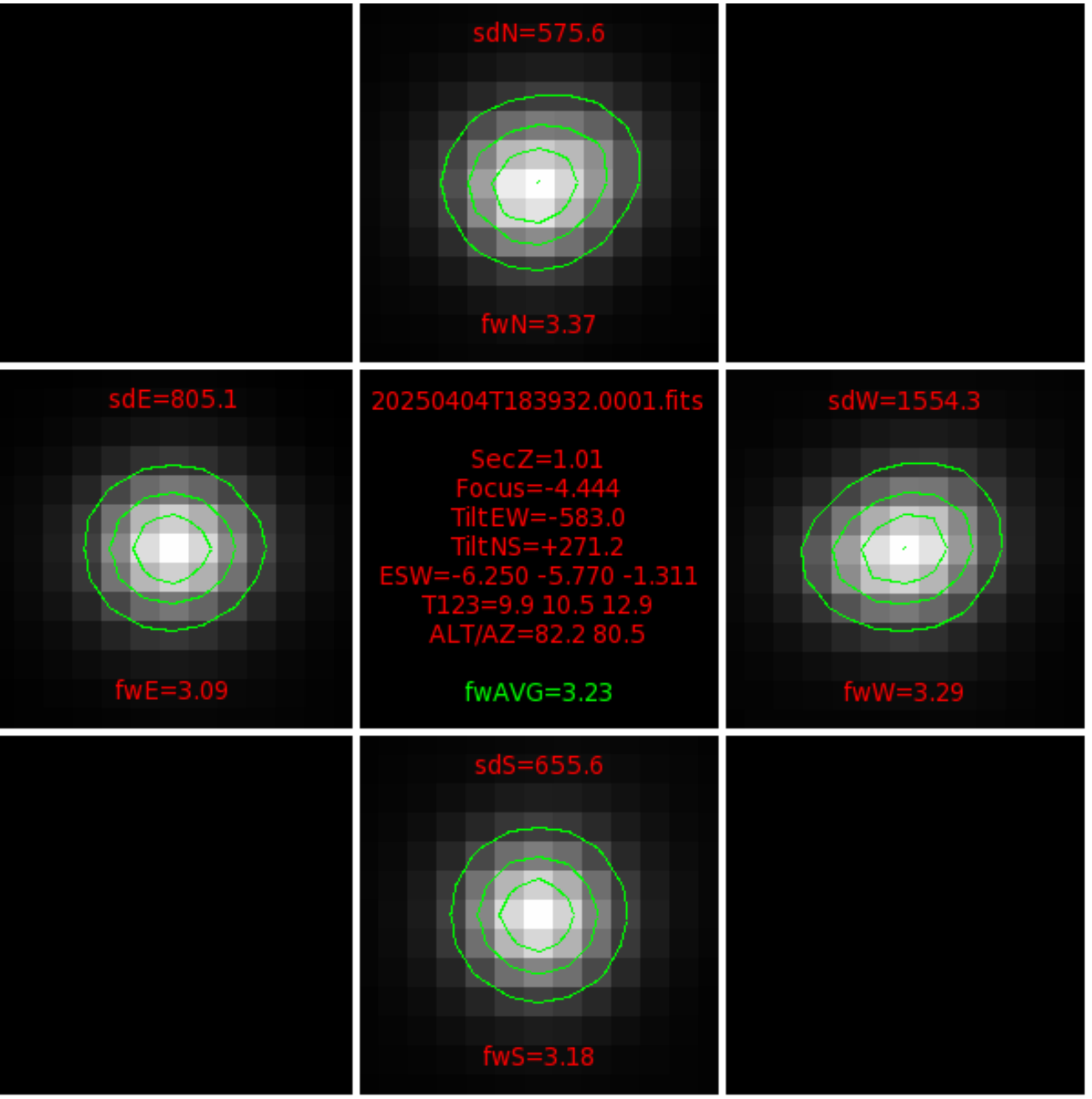
sdN=575.6
fwN=3.37
sdE=805.1
fwE=3.09
20250404T183932.0001.fits
SecZ=1.01
Focus=-4.444
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.250 -5.770 -1.311
T123=9.9 10.5 12.9
ALT/AZ=82.2 80.5
fwAVG=3.23
sdW=1554.3
fwW=3.29
sdS=655.6
fwS=3.18
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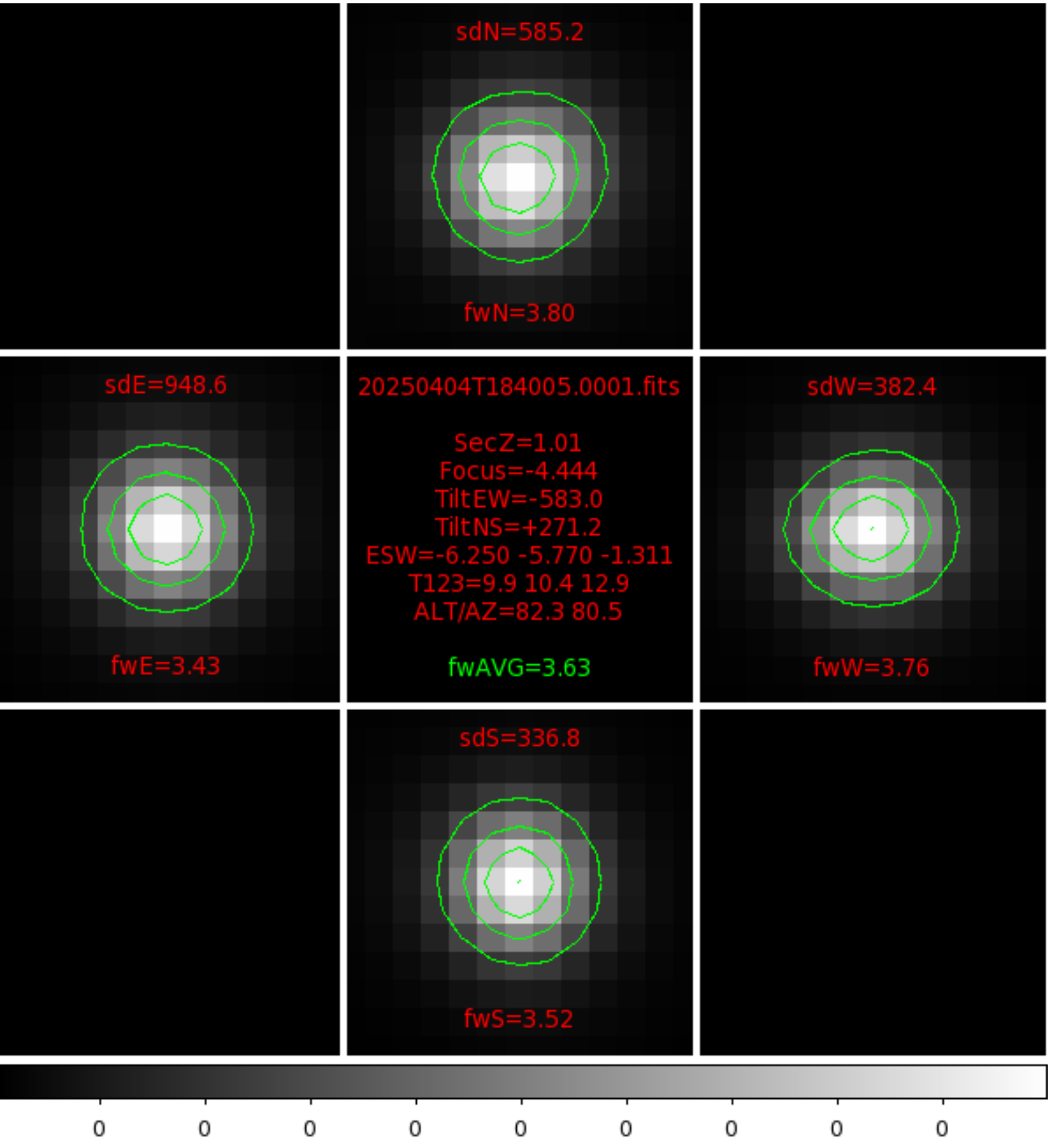
sdN=585.2
fwN=3.80
sdE=948.6
fwE=3.43
20250404T184005.0001.fits
SecZ=1.01
Focus=-4.444
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.250 -5.770 -1.311
T123=9.9 10.4 12.9
ALT/AZ=82.3 80.5
fwAVG=3.63
sdW=382.4
fwW=3.76
sdS=336.8
fwS=3.52
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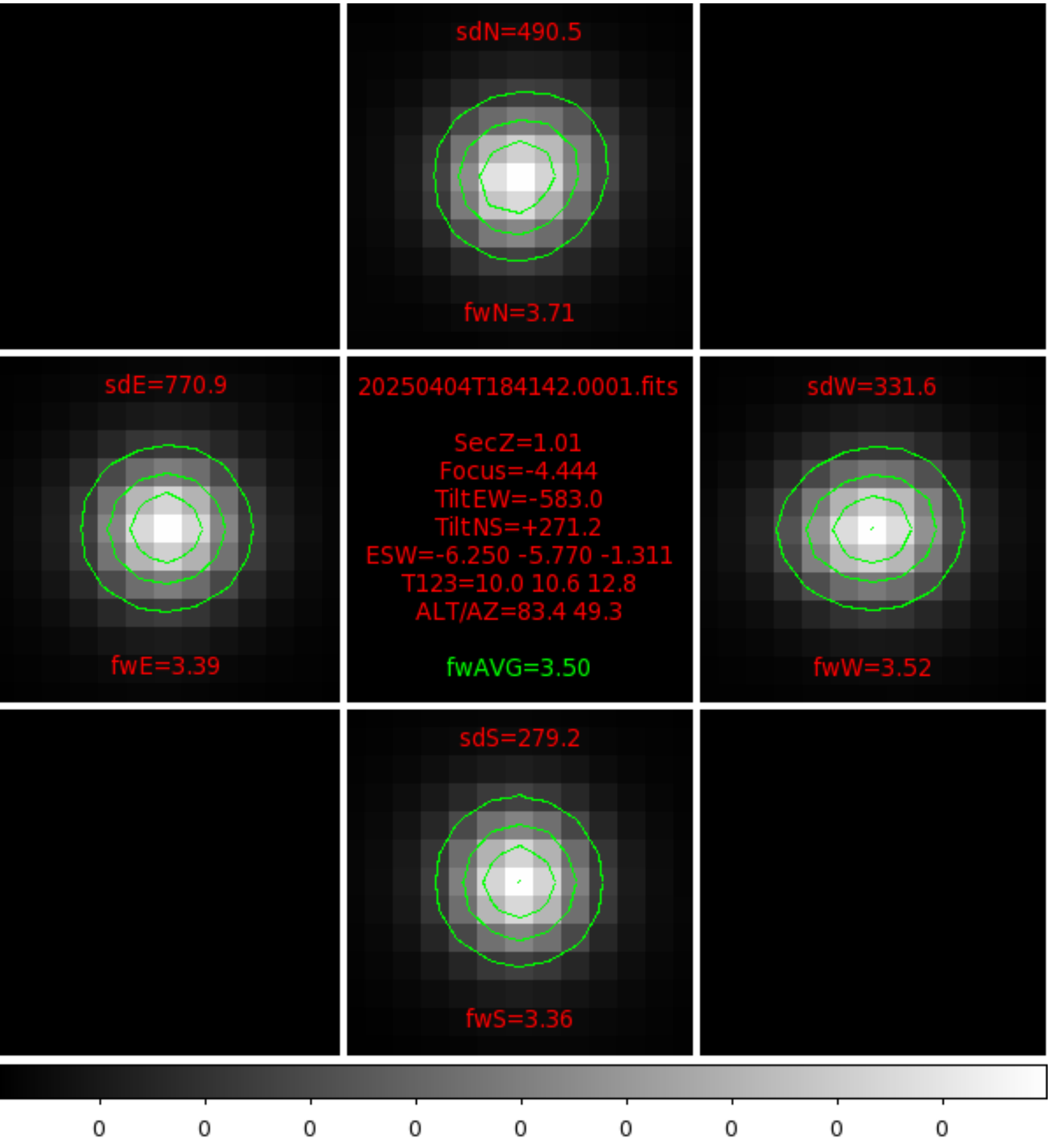
sdN=490.5
fwN=3.71
sdE=770.9
fwE=3.39
20250404T184142.0001.fits
SecZ=1.01
Focus=-4.444
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.250 -5.770 -1.311
T123=10.0 10.6 12.8
ALT/AZ=83.4 49.3
fwAVG=3.50
sdW=331.6
fwW=3.52
sdS=279.2
fwS=3.36
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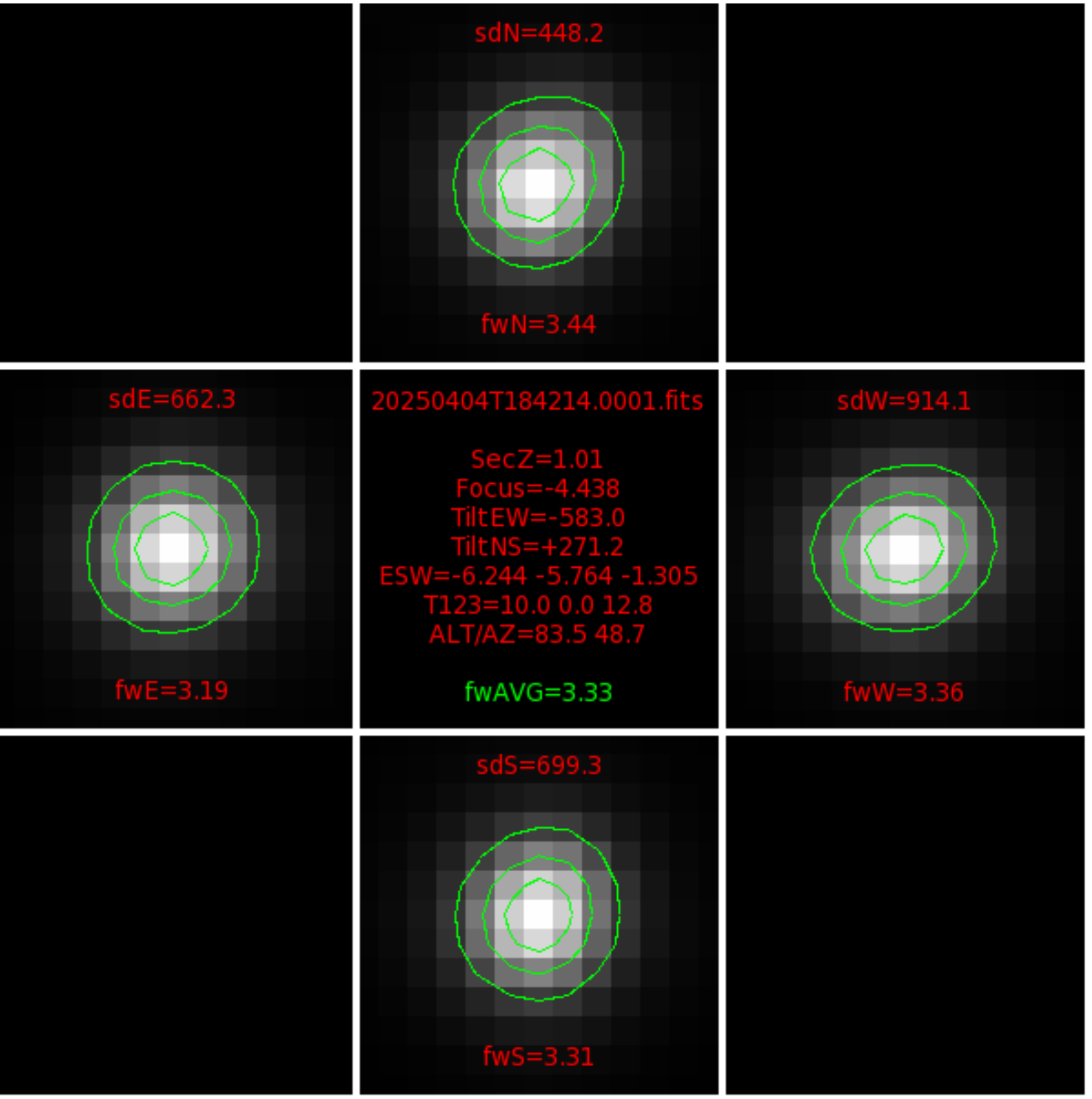
sdN=448.2
fwN=3.44
sdE=662.3
fwE=3.19
20250404T184214.0001.fits
SecZ=1.01
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=10.0 0.0 12.8
ALT/AZ=83.5 48.7
fwAVG=3.33
sdW=914.1
fwW=3.36
sdS=699.3
fwS=3.31
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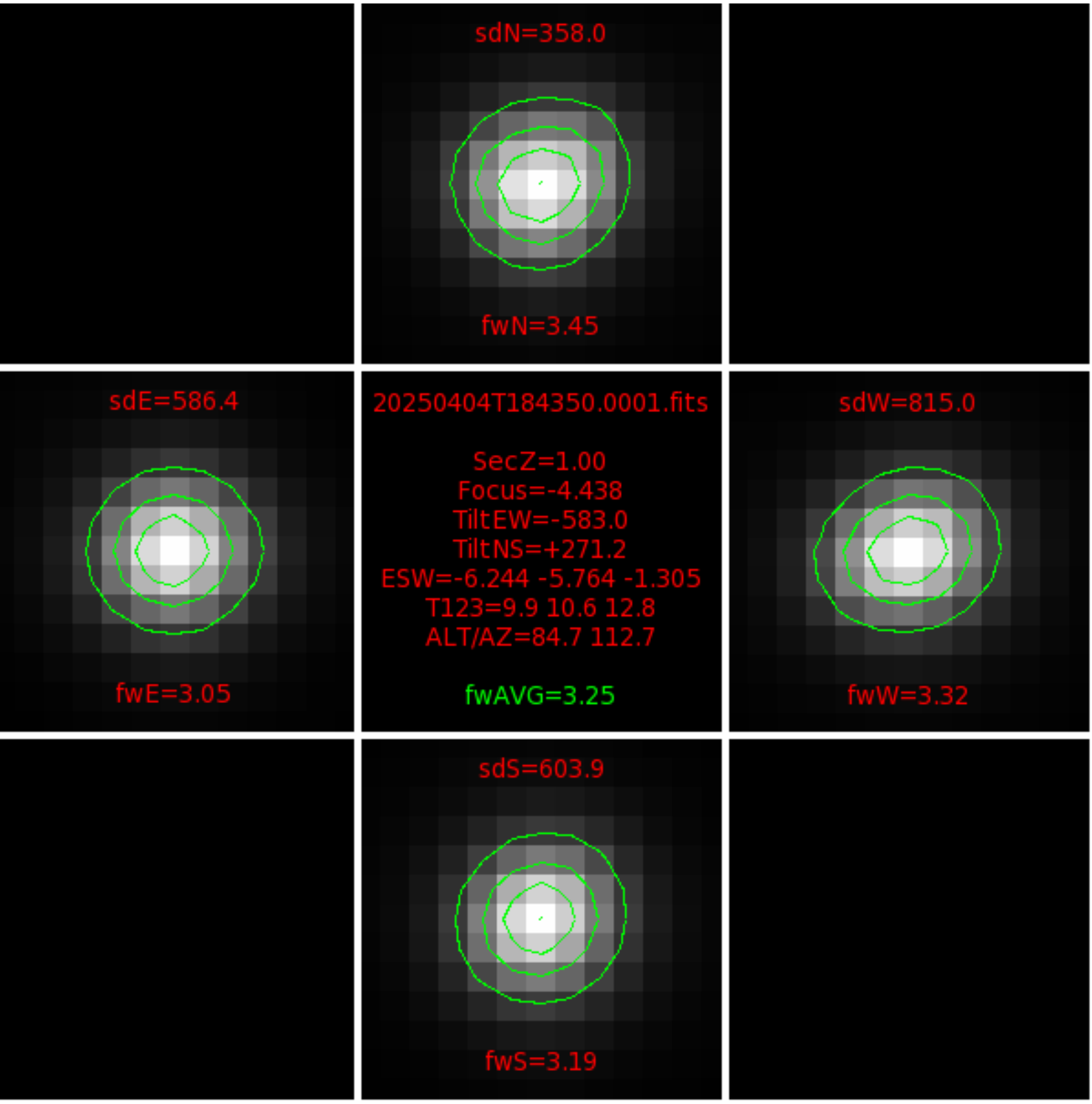
sdN=358.0
fwN=3.45
sdE=586.4
fwE=3.05
20250404T184350.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.9 10.6 12.8
ALT/AZ=84.7 112.7
fwAVG=3.25
sdW=815.0
fwW=3.32
sdS=603.9
fwS=3.19
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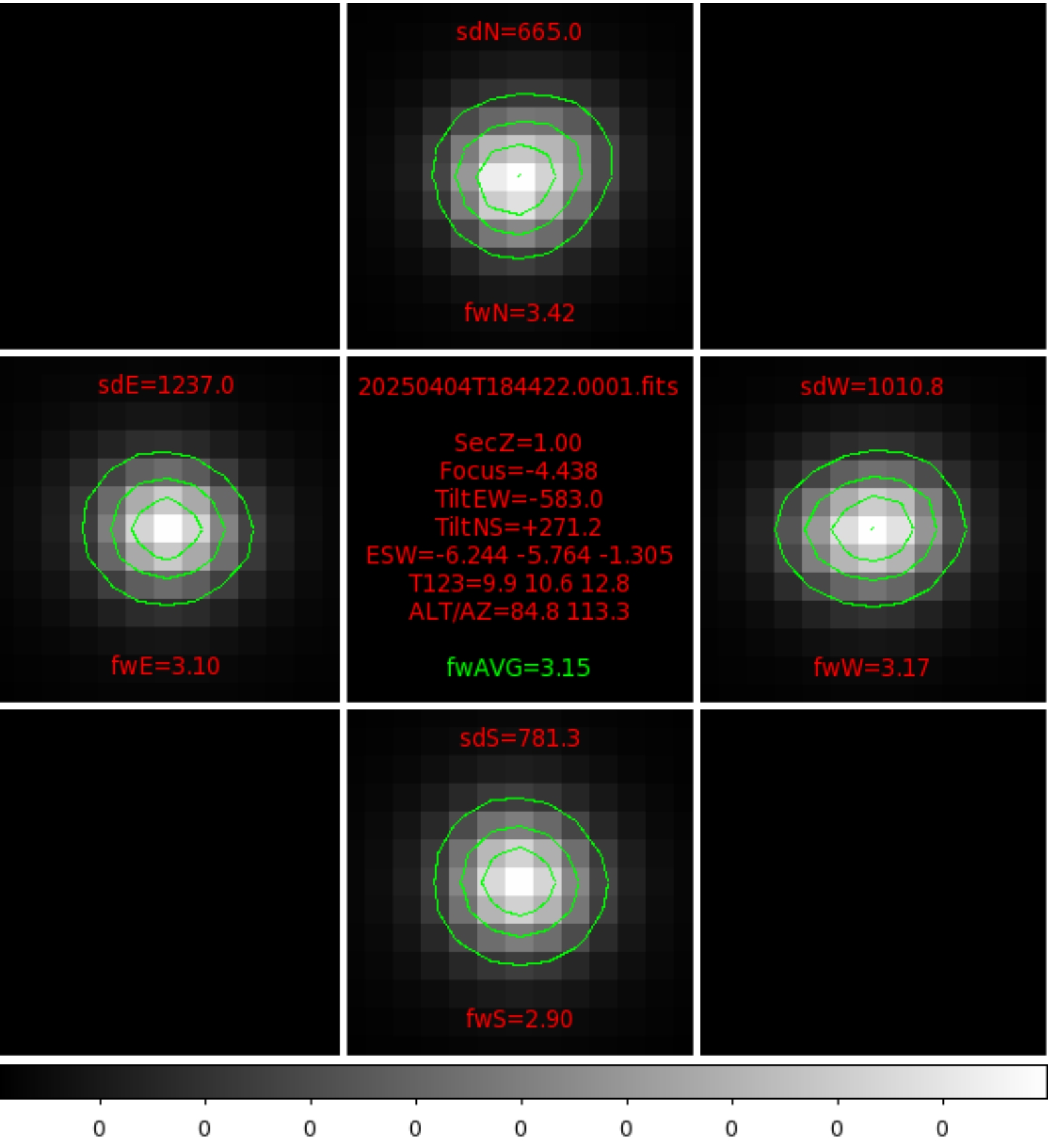
sdN=665.0
fwN=3.42
sdE=1237.0
fwE=3.10
20250404T184422.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.9 10.6 12.8
ALT/AZ=84.8 113.3
fwAVG=3.15
sdW=1010.8
fwW=3.17
sdS=781.3
fwS=2.90
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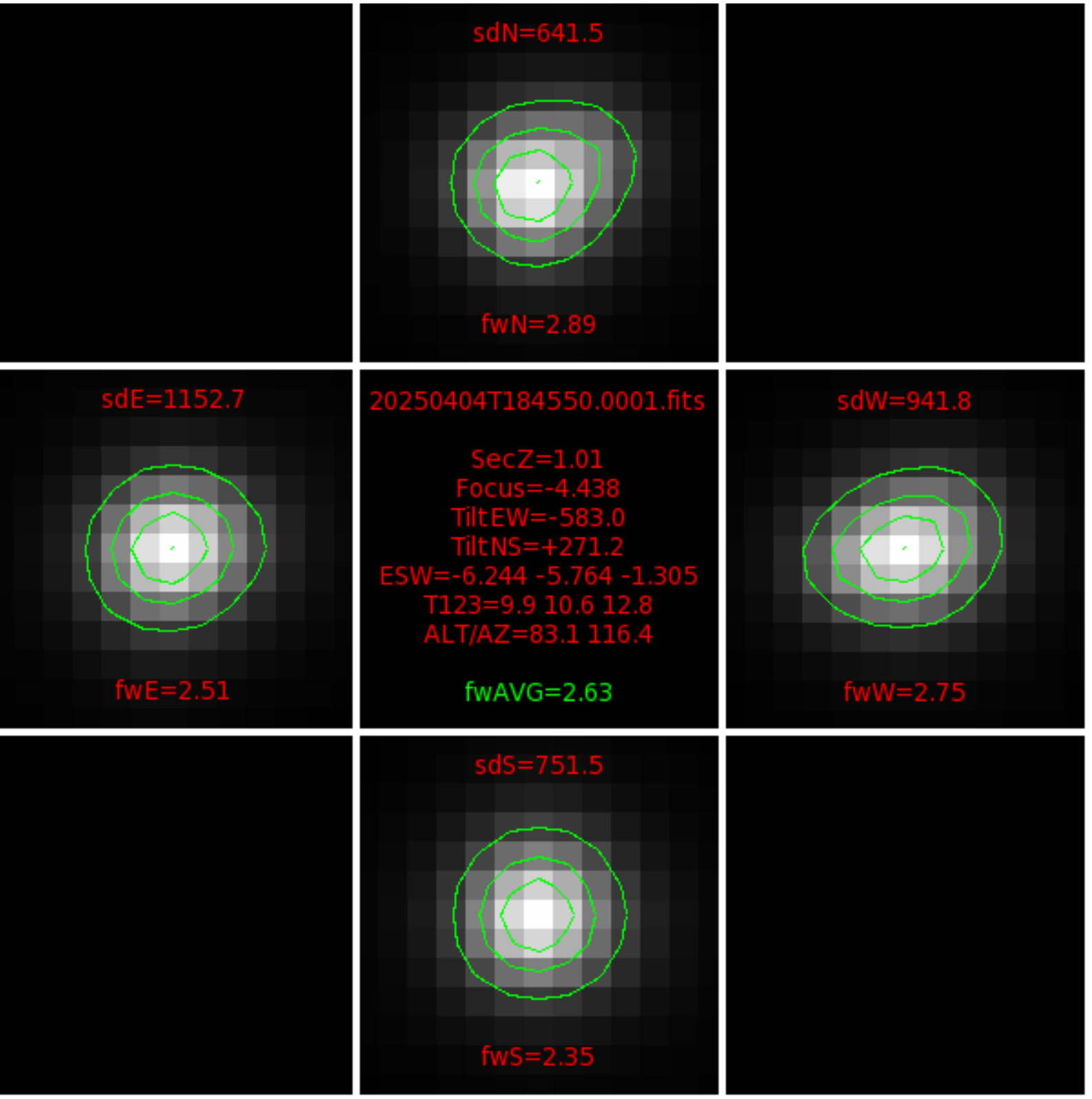
sdN=641.5
fwN=2.89
sdE=1152.7
fwE=2.51
20250404T184550.0001.fits
SecZ=1.01
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.9 10.6 12.8
ALT/AZ=83.1 116.4
fwAVG=2.63
sdW=941.8
fwW=2.75
sdS=751.5
fwS=2.35
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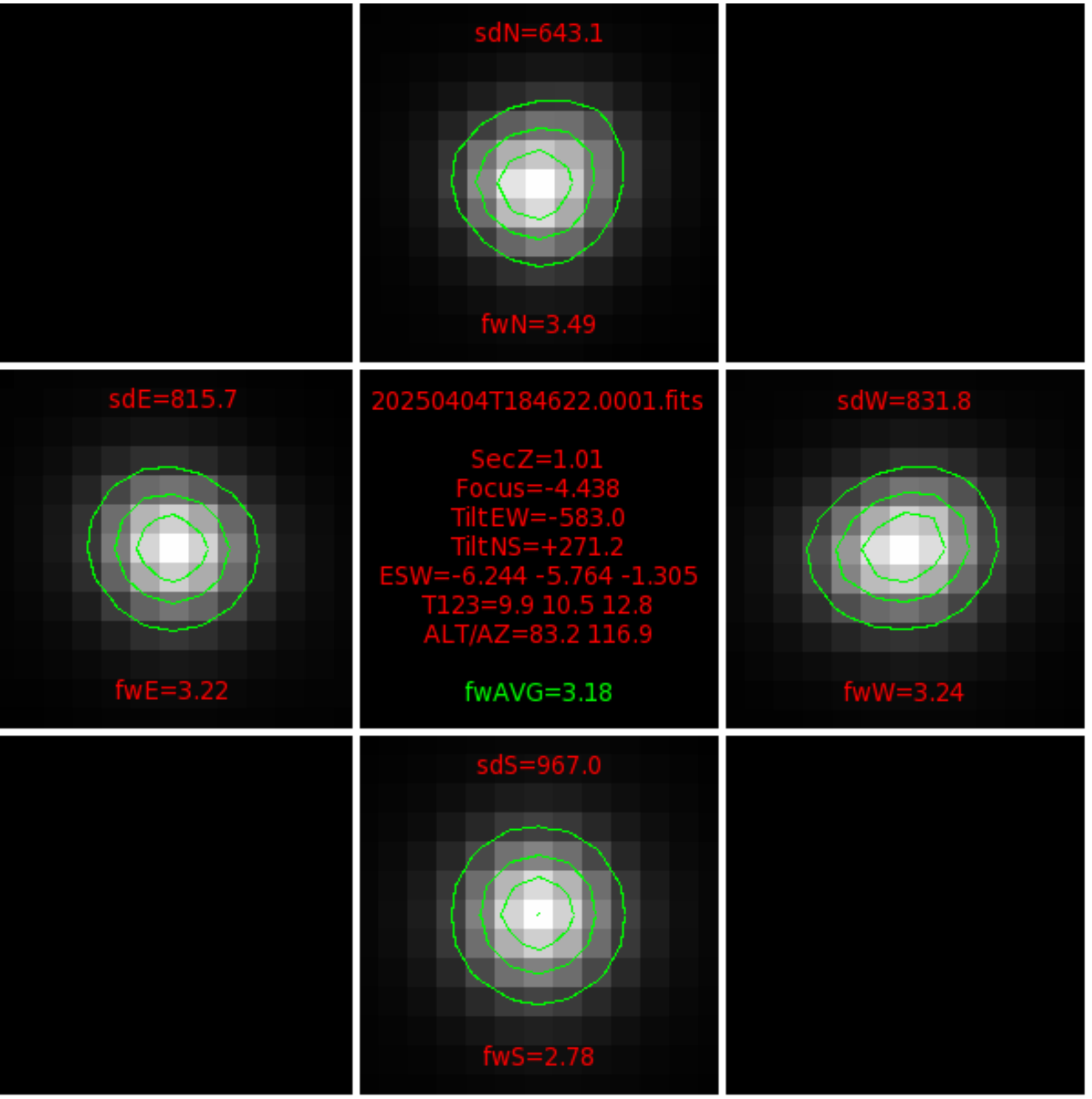
sdN=643.1
fwN=3.49
sdE=815.7
fwE=3.22
20250404T184622.0001.fits
SecZ=1.01
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.9 10.5 12.8
ALT/AZ=83.2 116.9
fwAVG=3.18
sdW=831.8
fwW=3.24
sdS=967.0
fwS=2.78
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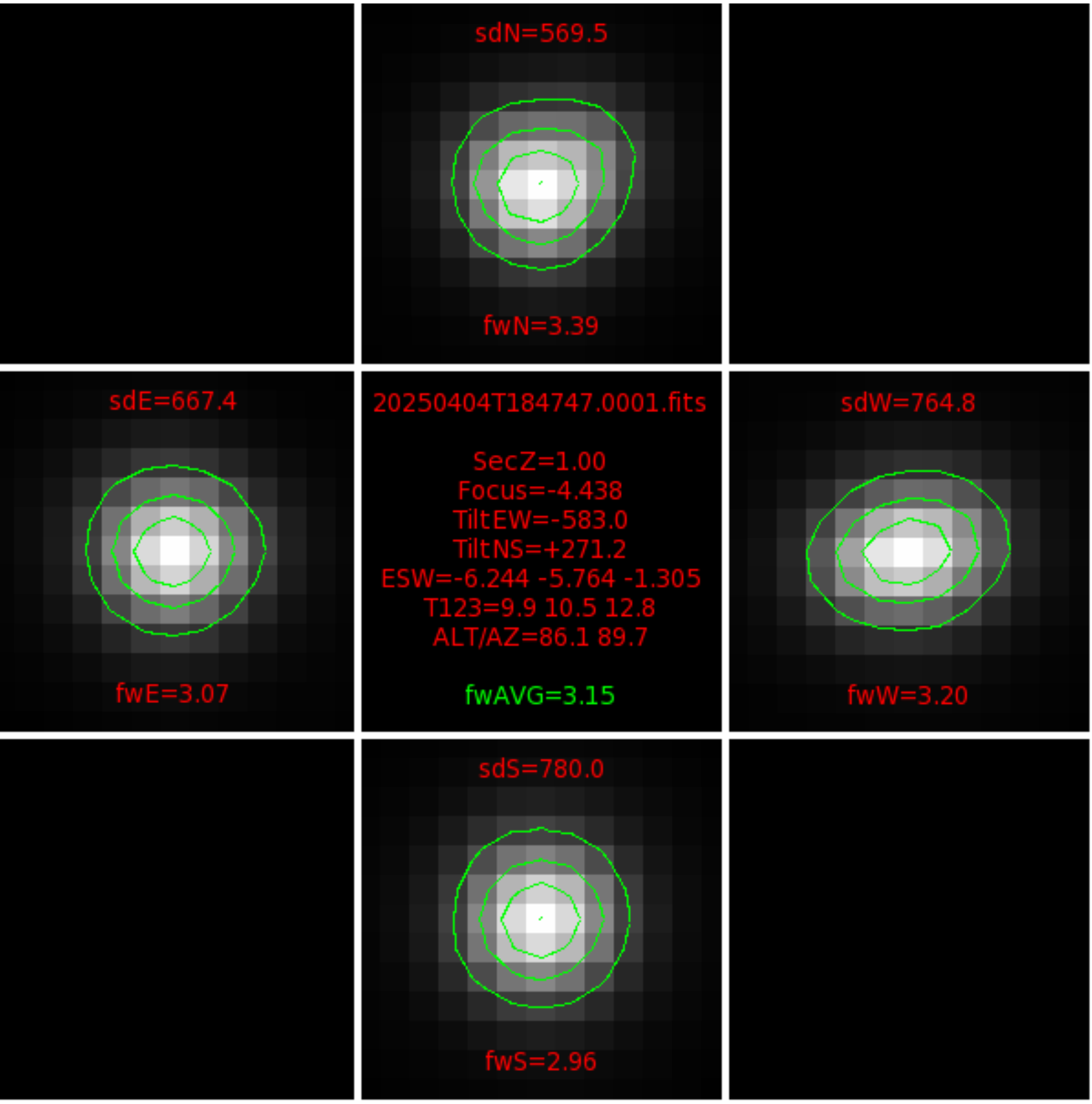
sdN=569.5
fwN=3.39
sdE=667.4
fwE=3.07
20250404T184747.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.9 10.5 12.8
ALT/AZ=86.1 89.7
fwAVG=3.15
sdW=764.8
fwW=3.20
sdS=780.0
fwS=2.96
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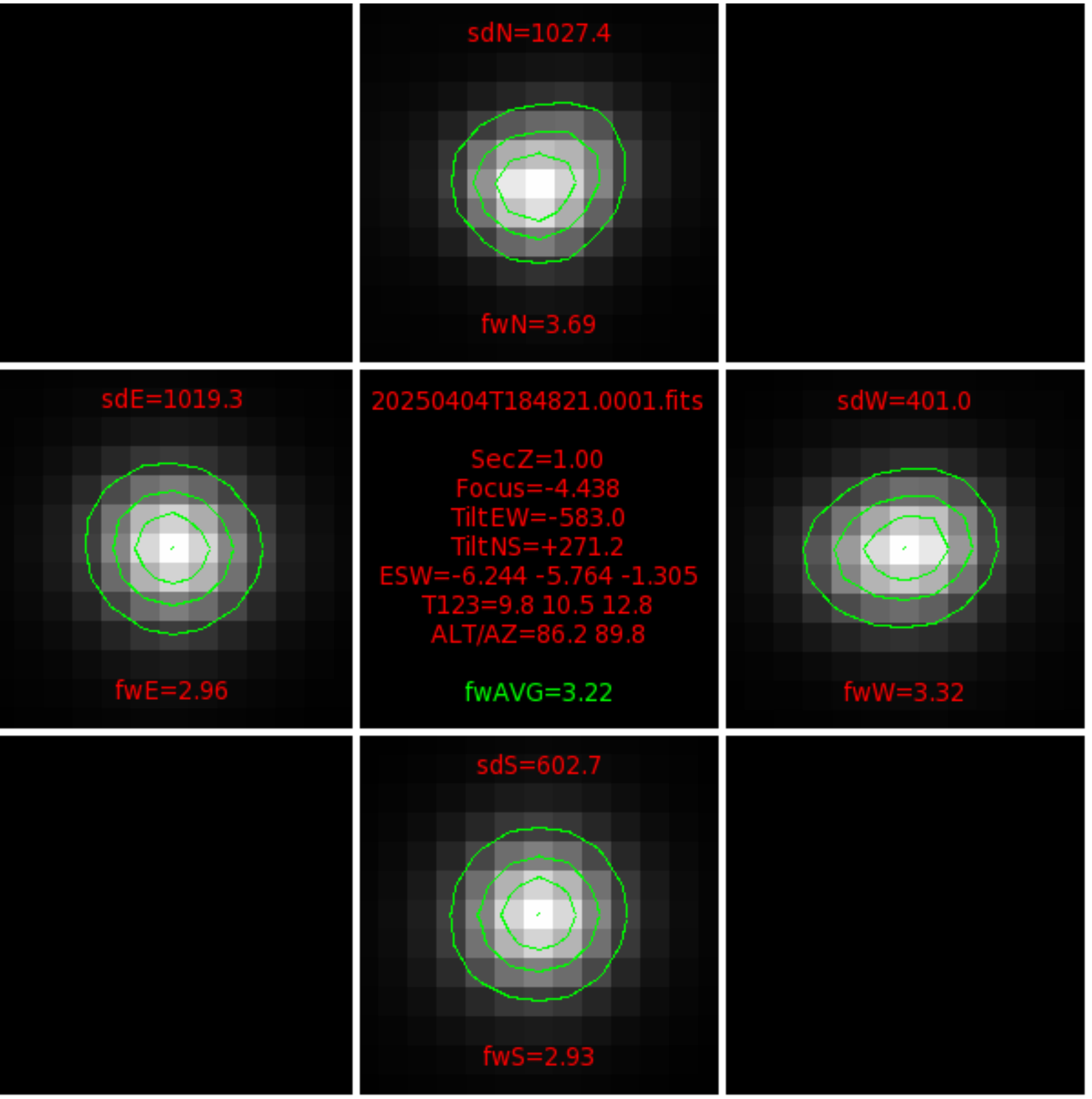
sdN=1027.4
fwN=3.69
sdE=1019.3
fwE=2.96
20250404T184821.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.8 10.5 12.8
ALT/AZ=86.2 89.8
fwAVG=3.22
sdW=401.0
fwW=3.32
sdS=602.7
fwS=2.93
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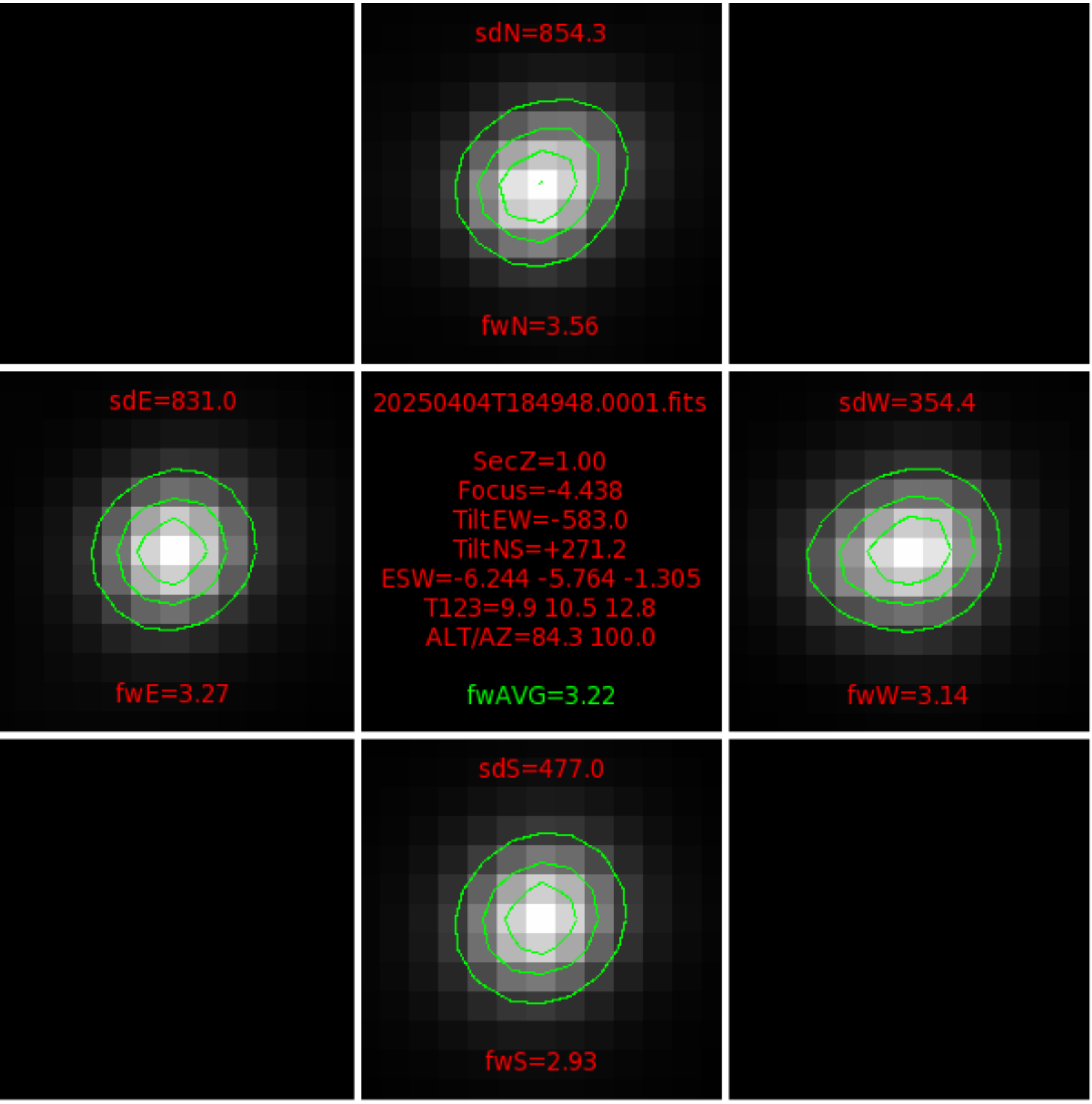
sdN=854.3
fwN=3.56
sdE=831.0
fwE=3.27
20250404T184948.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.9 10.5 12.8
ALT/AZ=84.3 100.0
fwAVG=3.22
sdW=354.4
fwW=3.14
sdS=477.0
fwS=2.93
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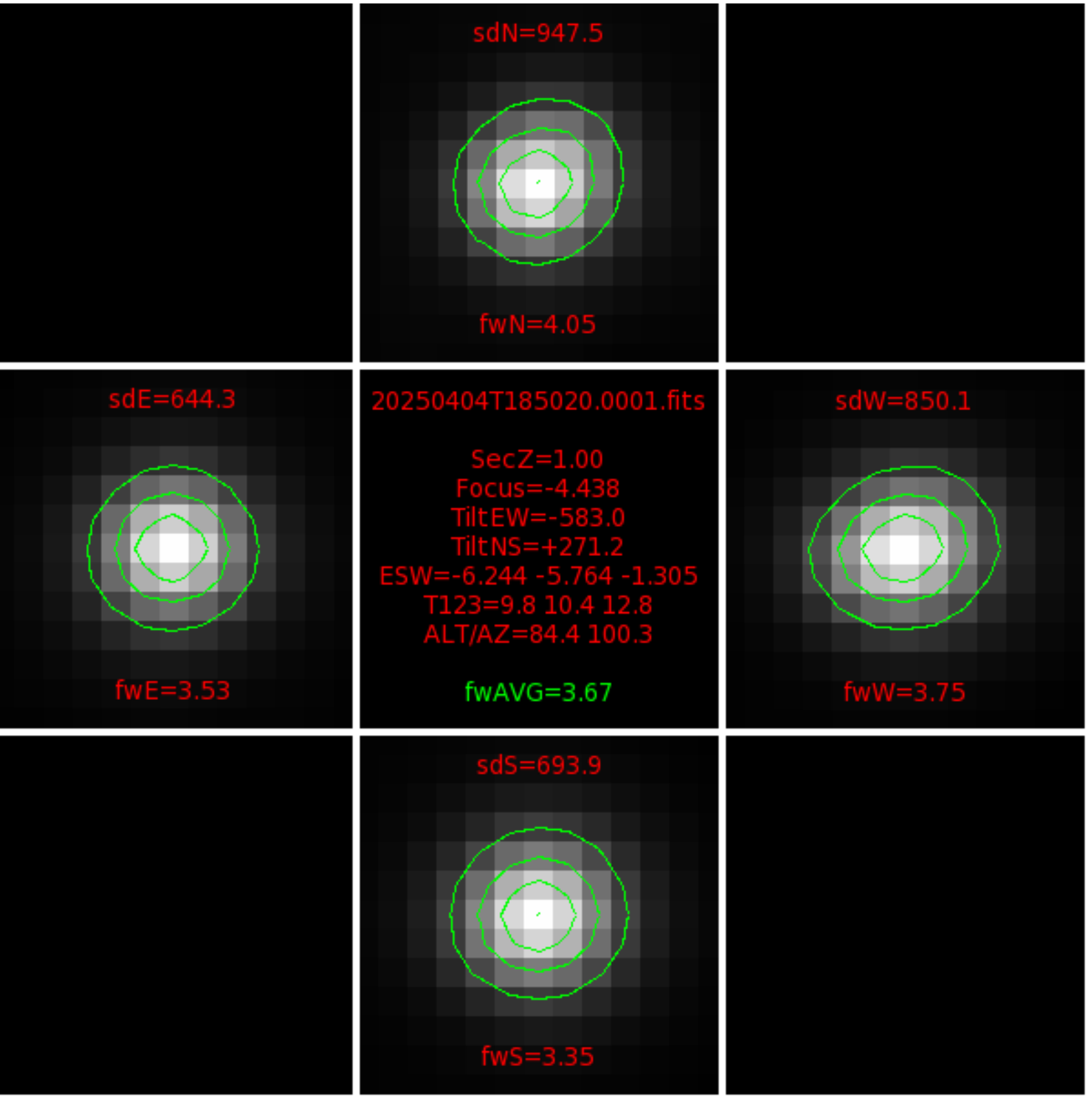
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fwN=4.05
sdE=644.3
fwE=3.53
20250404T185020.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.8 10.4 12.8
ALT/AZ=84.4 100.3
fwAVG=3.67
sdW=850.1
fwW=3.75
sdS=693.9
fwS=3.35
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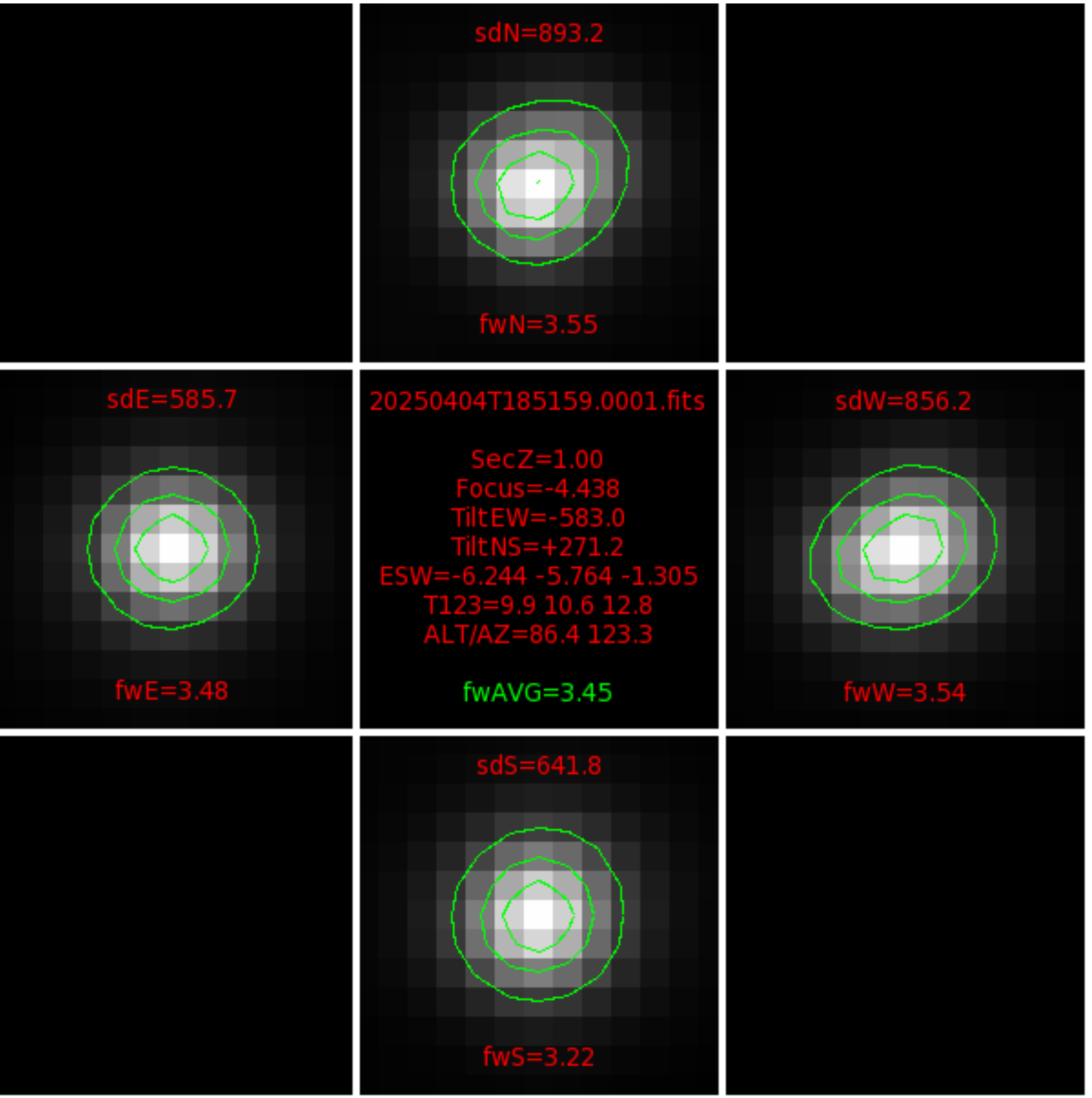
sdN=893.2
fwN=3.55
sdE=585.7
fwE=3.48
20250404T185159.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.9 10.6 12.8
ALT/AZ=86.4 123.3
fwAVG=3.45
sdW=856.2
fwW=3.54
sdS=641.8
fwS=3.22
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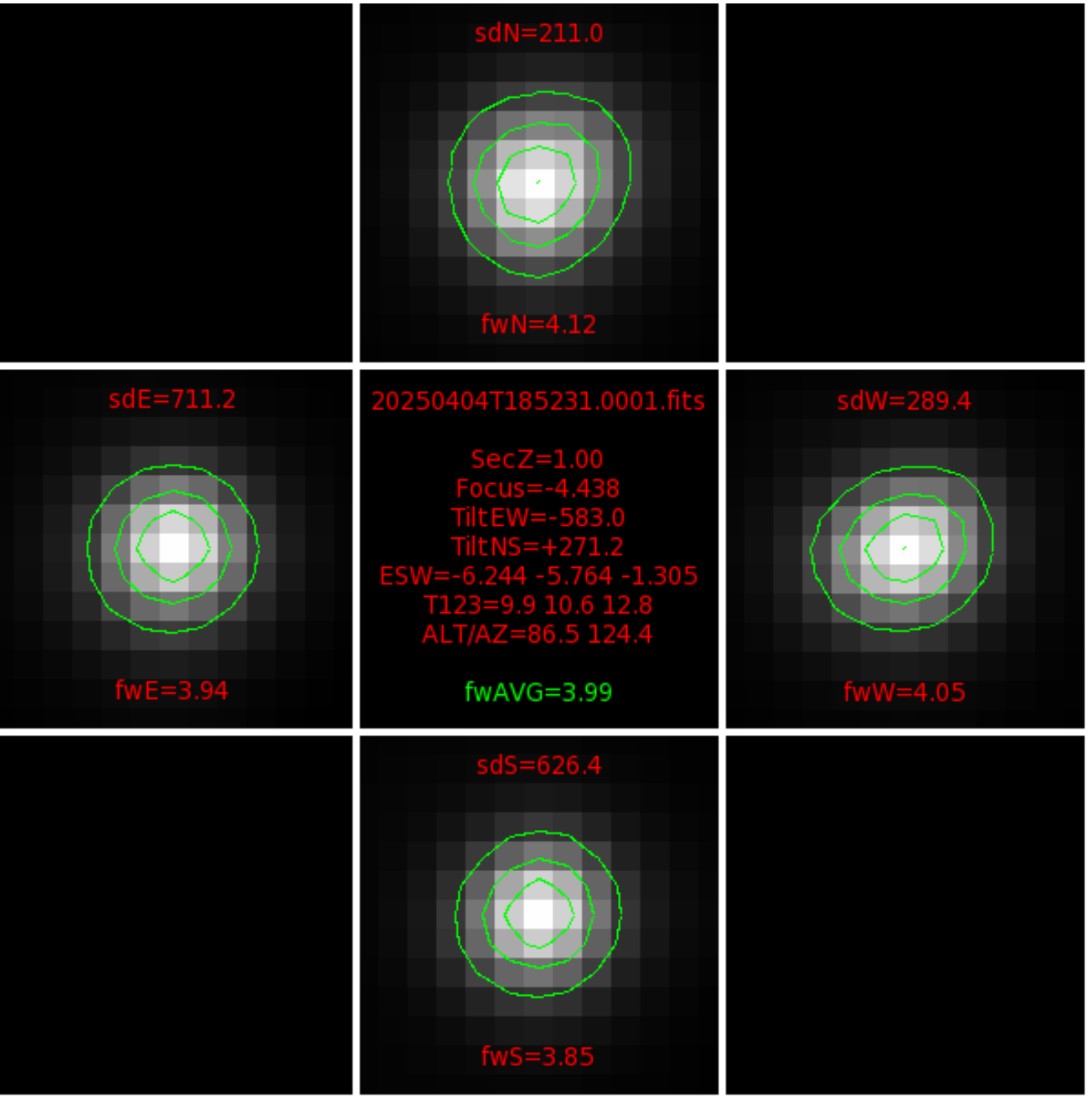
sdN=211.0
fwN=4.12
sdE=711.2
fwE=3.94
20250404T185231.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.9 10.6 12.8
ALT/AZ=86.5 124.4
fwAVG=3.99
sdW=289.4
fwW=4.05
sdS=626.4
fwS=3.85
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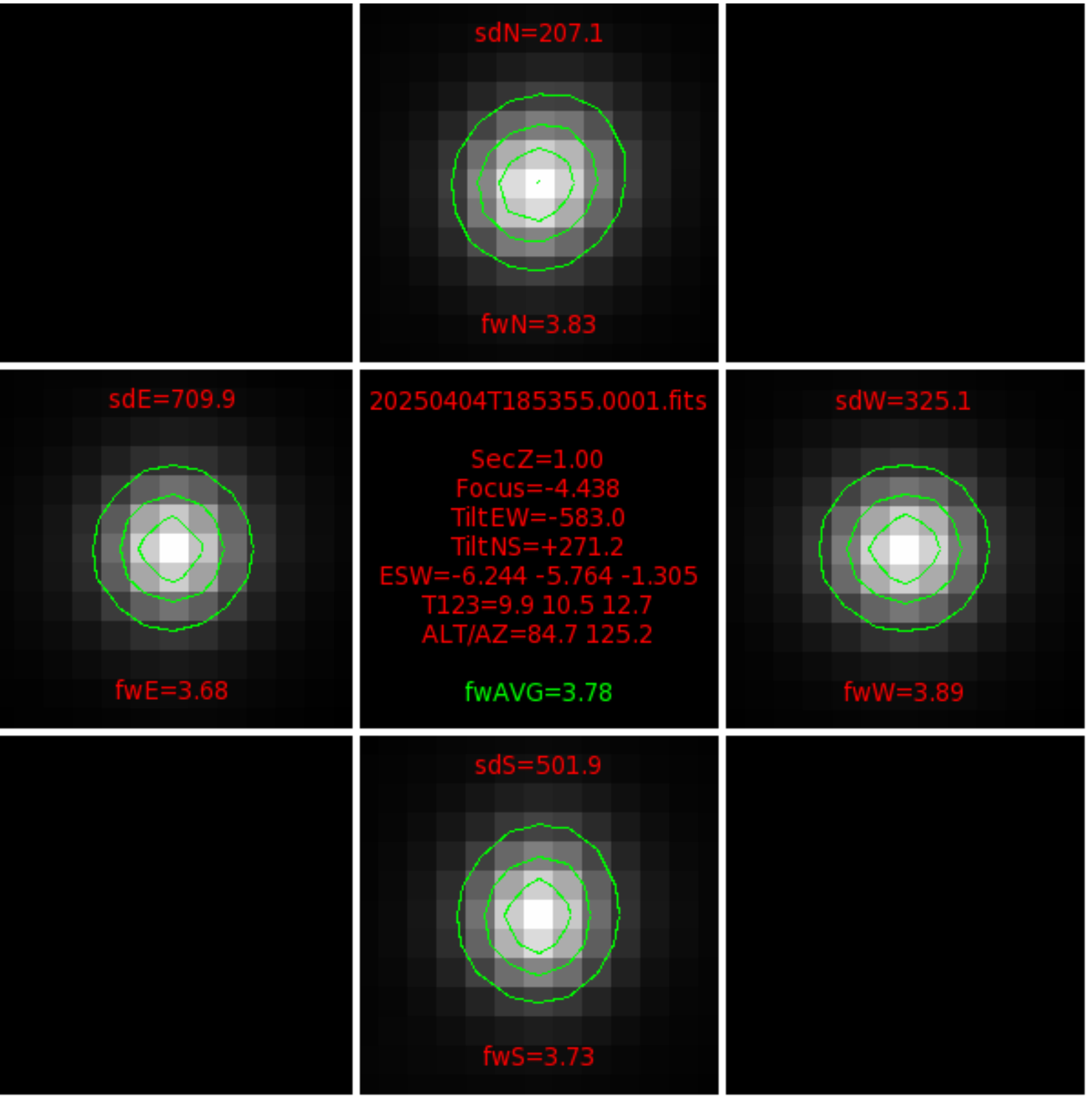
sdN=207.1
fwN=3.83
sdE=709.9
fwE=3.68
20250404T185355.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.9 10.5 12.7
ALT/AZ=84.7 125.2
fwAVG=3.78
sdW=325.1
fwW=3.89
sdS=501.9
fwS=3.73
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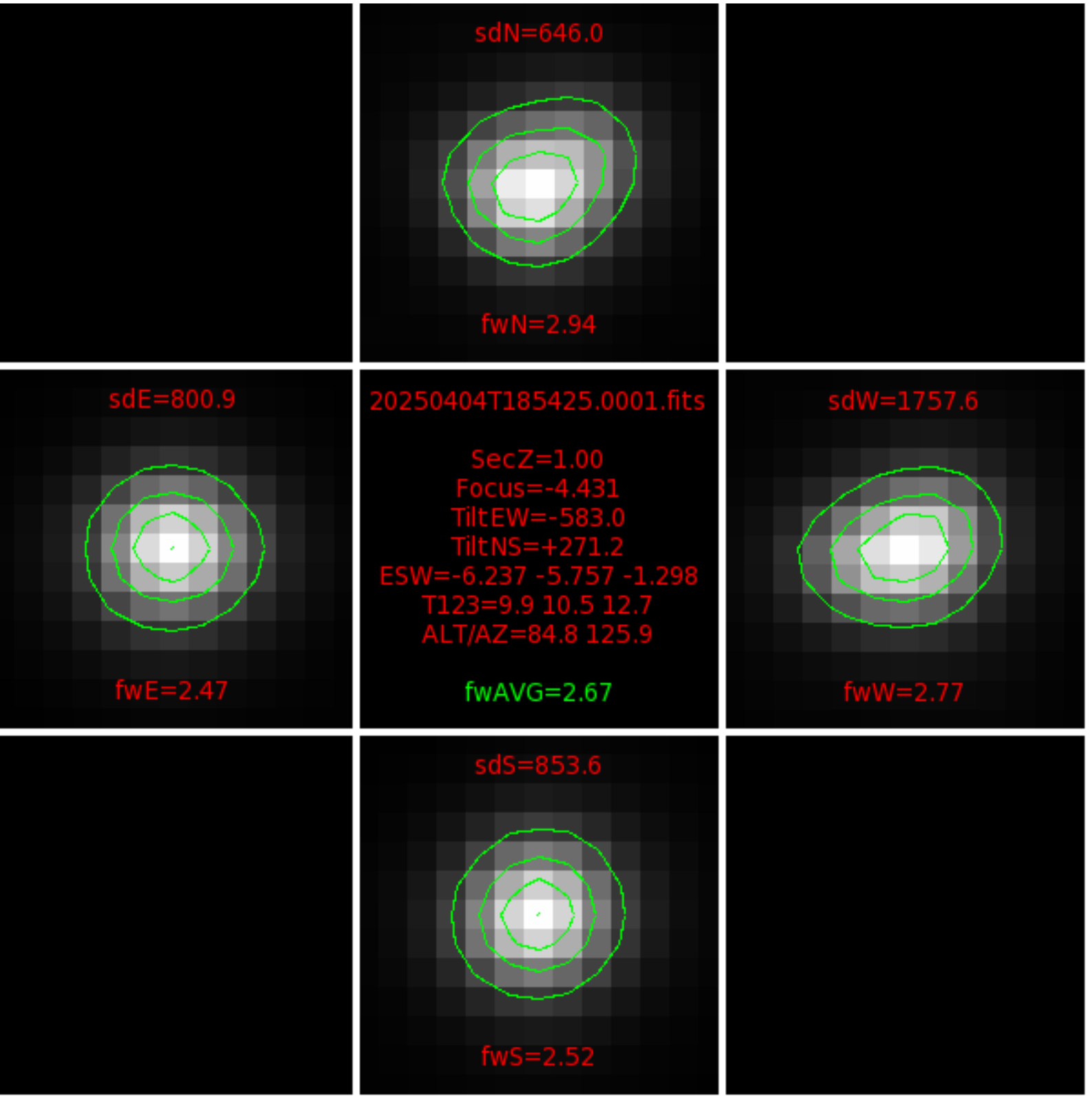
sdN=646.0
fwN=2.94
sdE=800.9
fwE=2.47
20250404T185425.0001.fits
SecZ=1.00
Focus=-4.431
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.237 -5.757 -1.298
T123=9.9 10.5 12.7
ALT/AZ=84.8 125.9
fwAVG=2.67
sdW=1757.6
fwW=2.77
sdS=853.6
fwS=2.52
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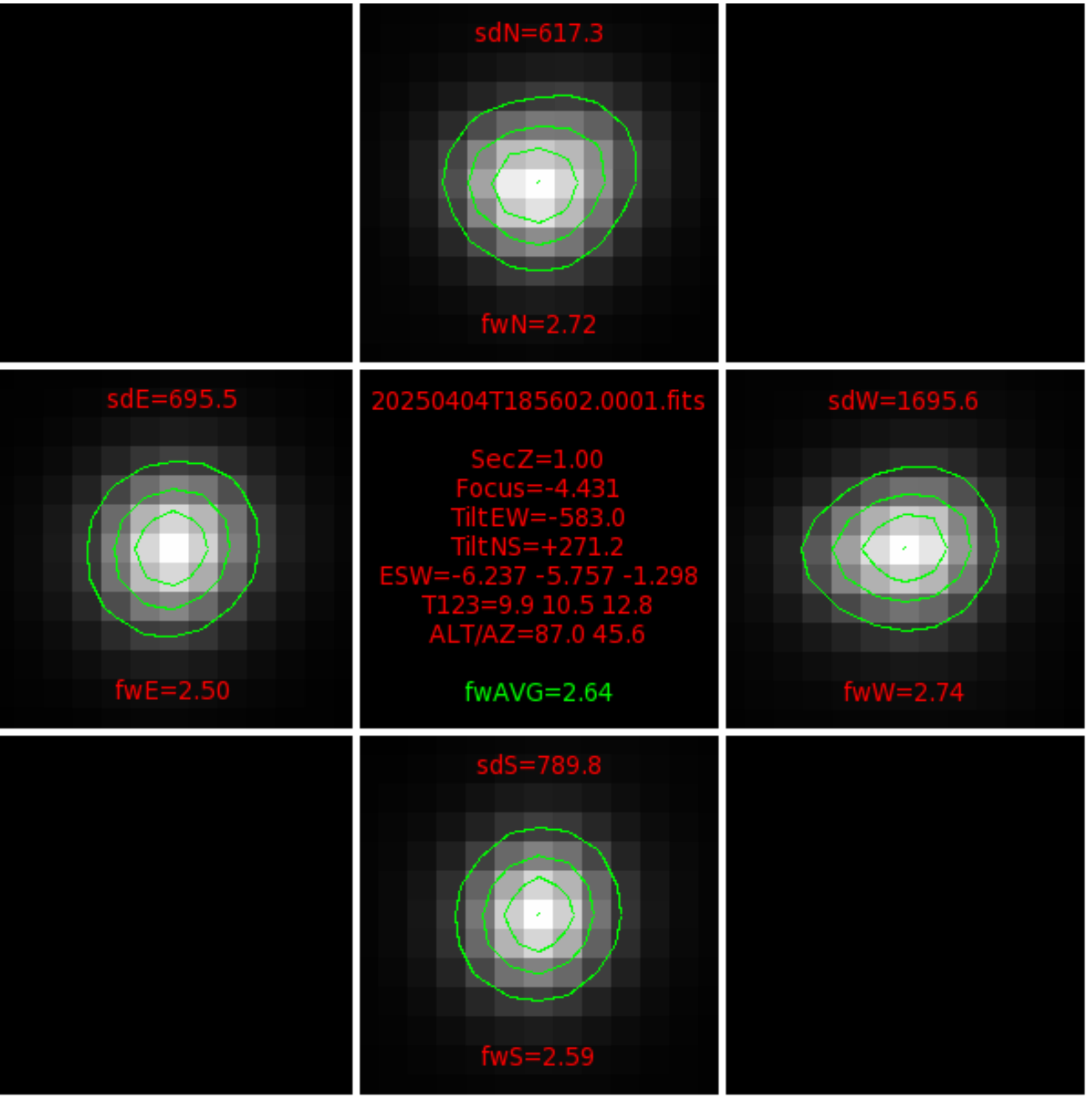
sdN=617.3
fwN=2.72
sdE=695.5
fwE=2.50
20250404T185602.0001.fits
SecZ=1.00
Focus=-4.431
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.237 -5.757 -1.298
T123=9.9 10.5 12.8
ALT/AZ=87.0 45.6
fwAVG=2.64
sdW=1695.6
fwW=2.74
sdS=789.8
fwS=2.59
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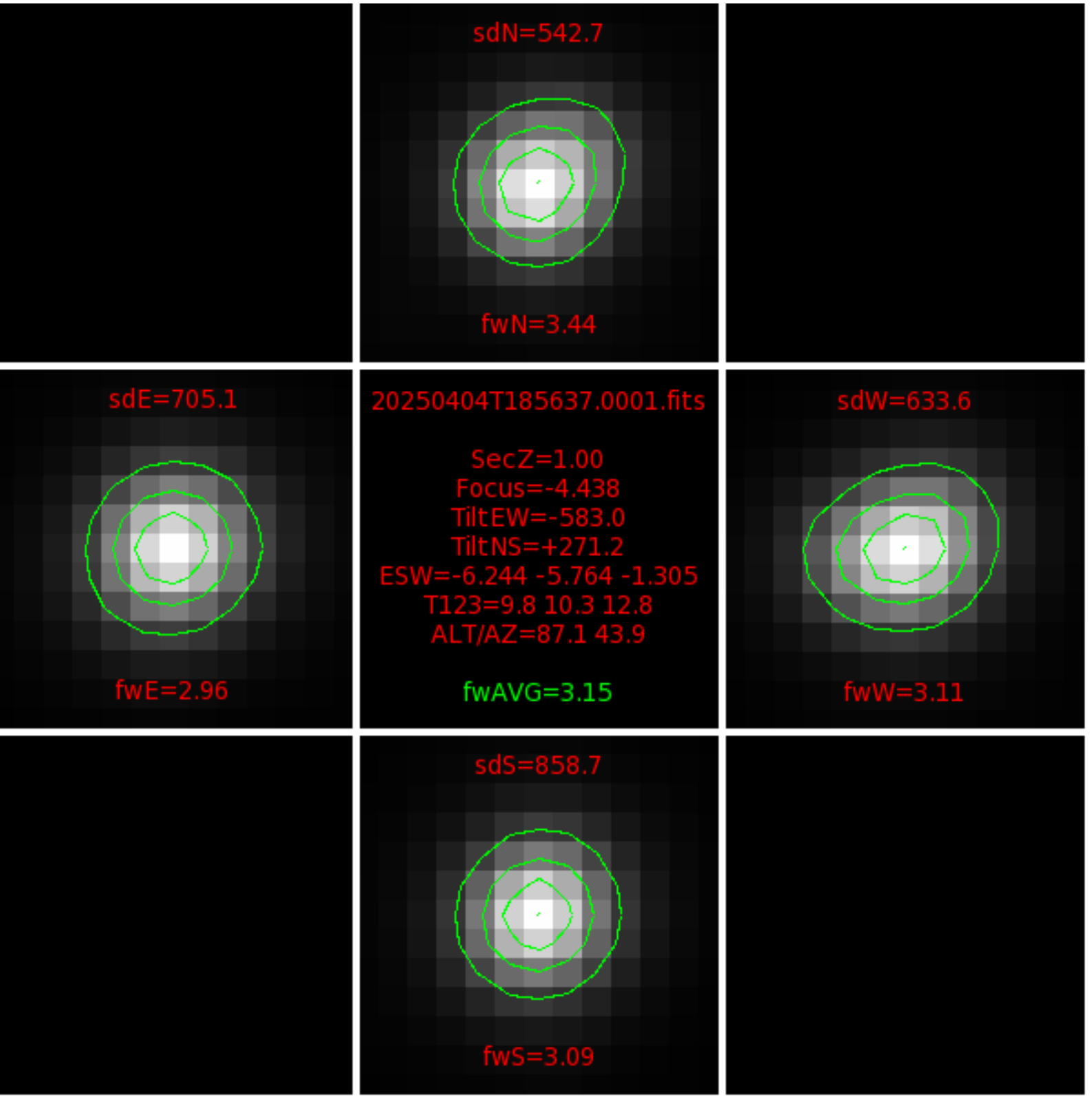
sdN=542.7
fwN=3.44
sdE=705.1
fwE=2.96
20250404T185637.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.8 10.3 12.8
ALT/AZ=87.1 43.9
fwAVG=3.15
sdW=633.6
fwW=3.11
sdS=858.7
fwS=3.09
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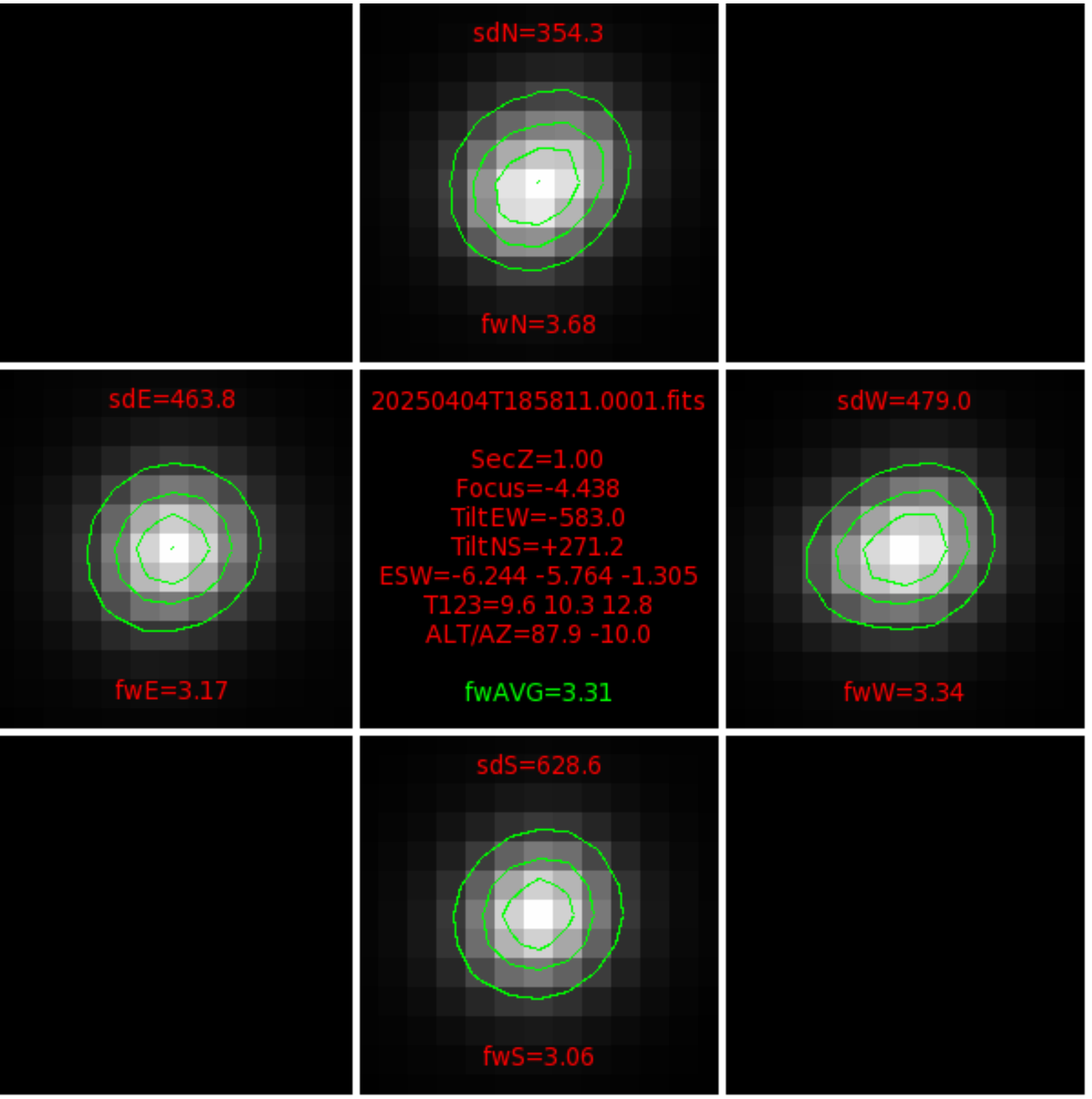
sdN=354.3
fwN=3.68
sdE=463.8
fwE=3.17
20250404T185811.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.6 10.3 12.8
ALT/AZ=87.9 -10.0
fwAVG=3.31
sdW=479.0
fwW=3.34
sdS=628.6
fwS=3.06
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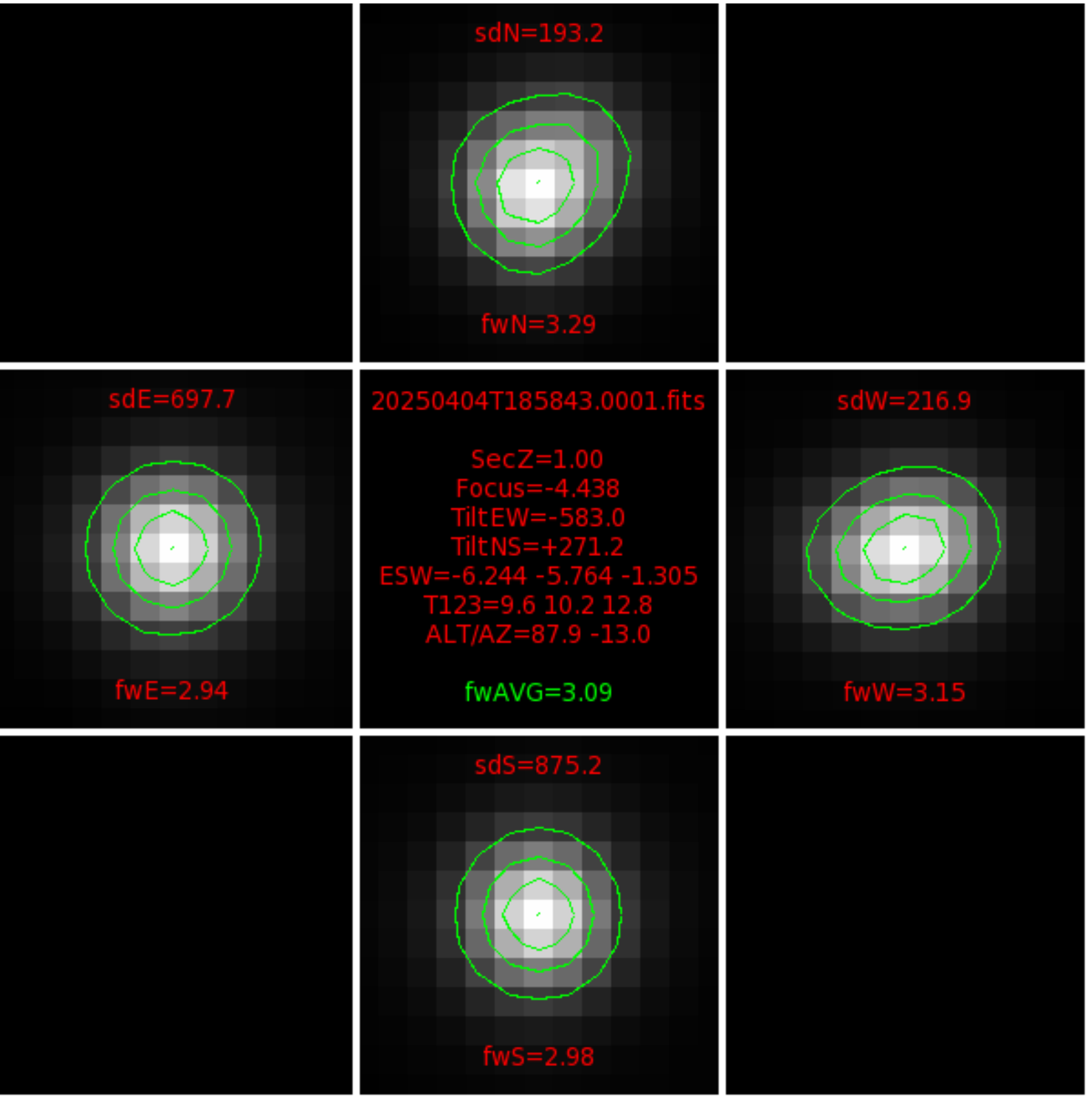
sdN=193.2
fwN=3.29
sdE=697.7
fwE=2.94
20250404T185843.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.6 10.2 12.8
ALT/AZ=87.9 -13.0
fwAVG=3.09
sdW=216.9
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sdS=875.2
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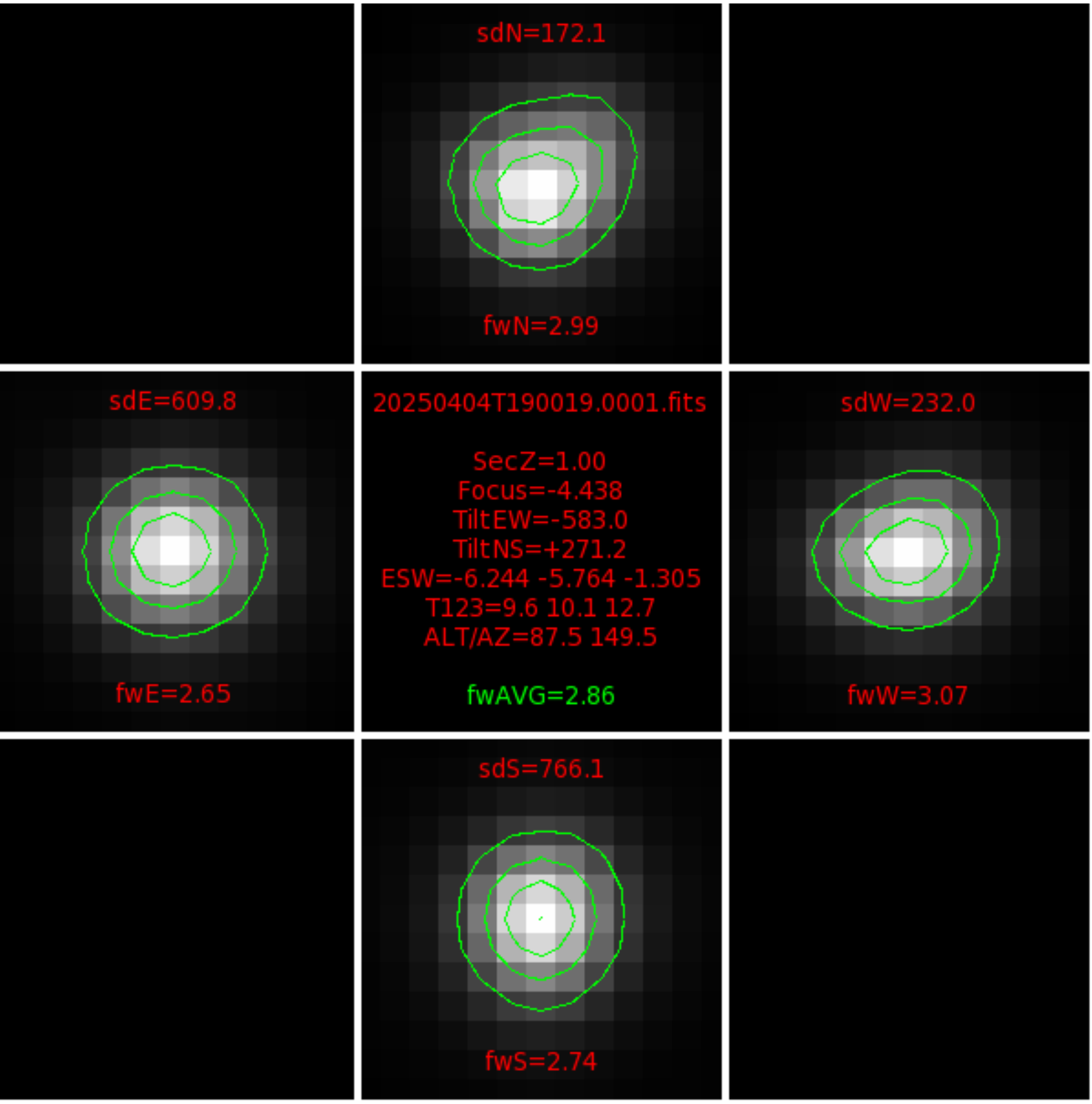
sdN=172.1
fwN=2.99
sdE=609.8
fwE=2.65
20250404T190019.0001.fits
SecZ=1.00
Focus=-4.438
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.244 -5.764 -1.305
T123=9.6 10.1 12.7
ALT/AZ=87.5 149.5
fwAVG=2.86
sdW=232.0
fwW=3.07
sdS=766.1
fwS=2.74
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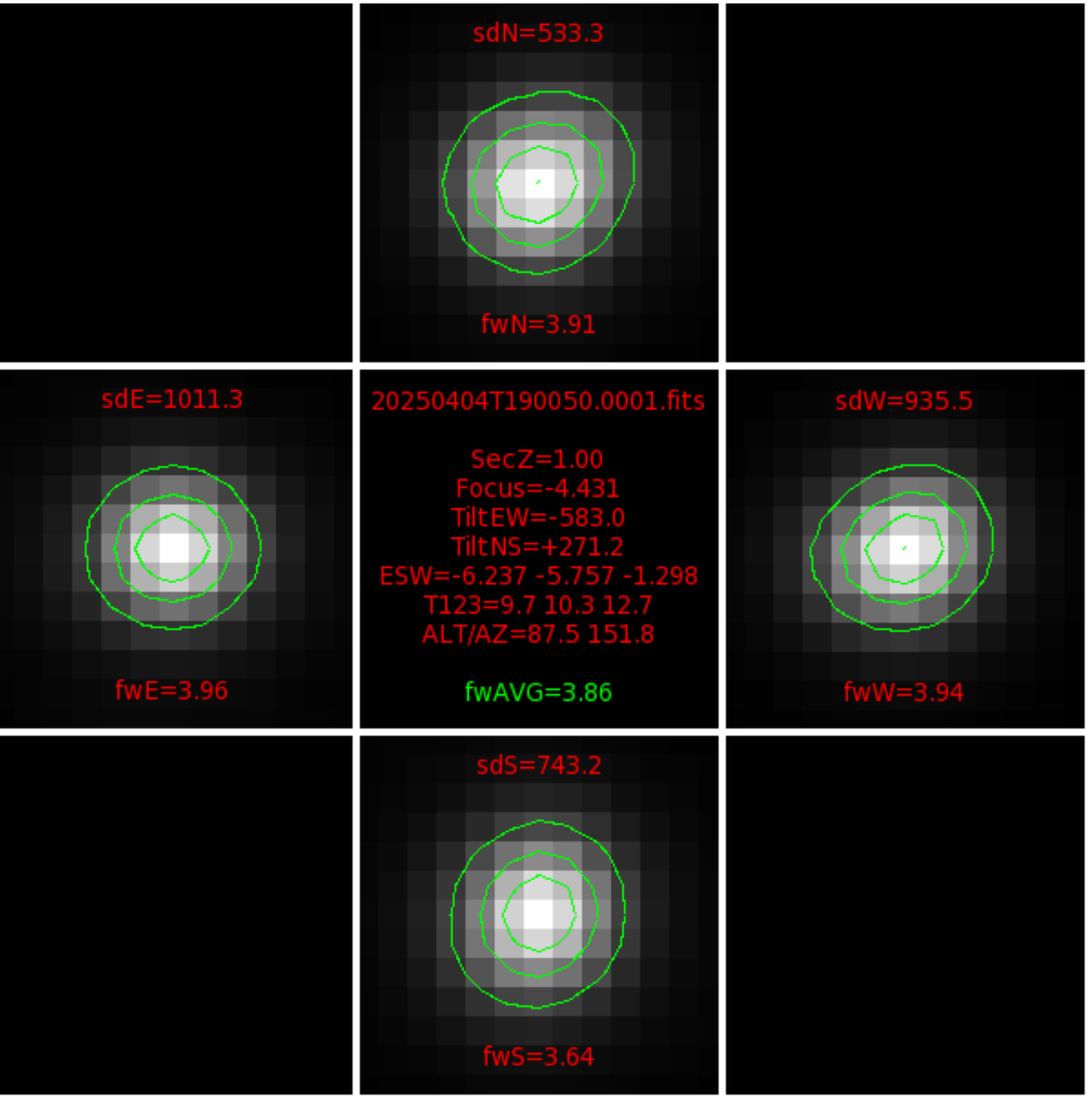
sdN=533.3
fwN=3.91
sdE=1011.3
fwE=3.96
20250404T190050.0001.fits
SecZ=1.00
Focus=-4.431
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.237 -5.757 -1.298
T123=9.7 10.3 12.7
ALT/AZ=87.5 151.8
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sdW=935.5
fwW=3.94
sdS=743.2
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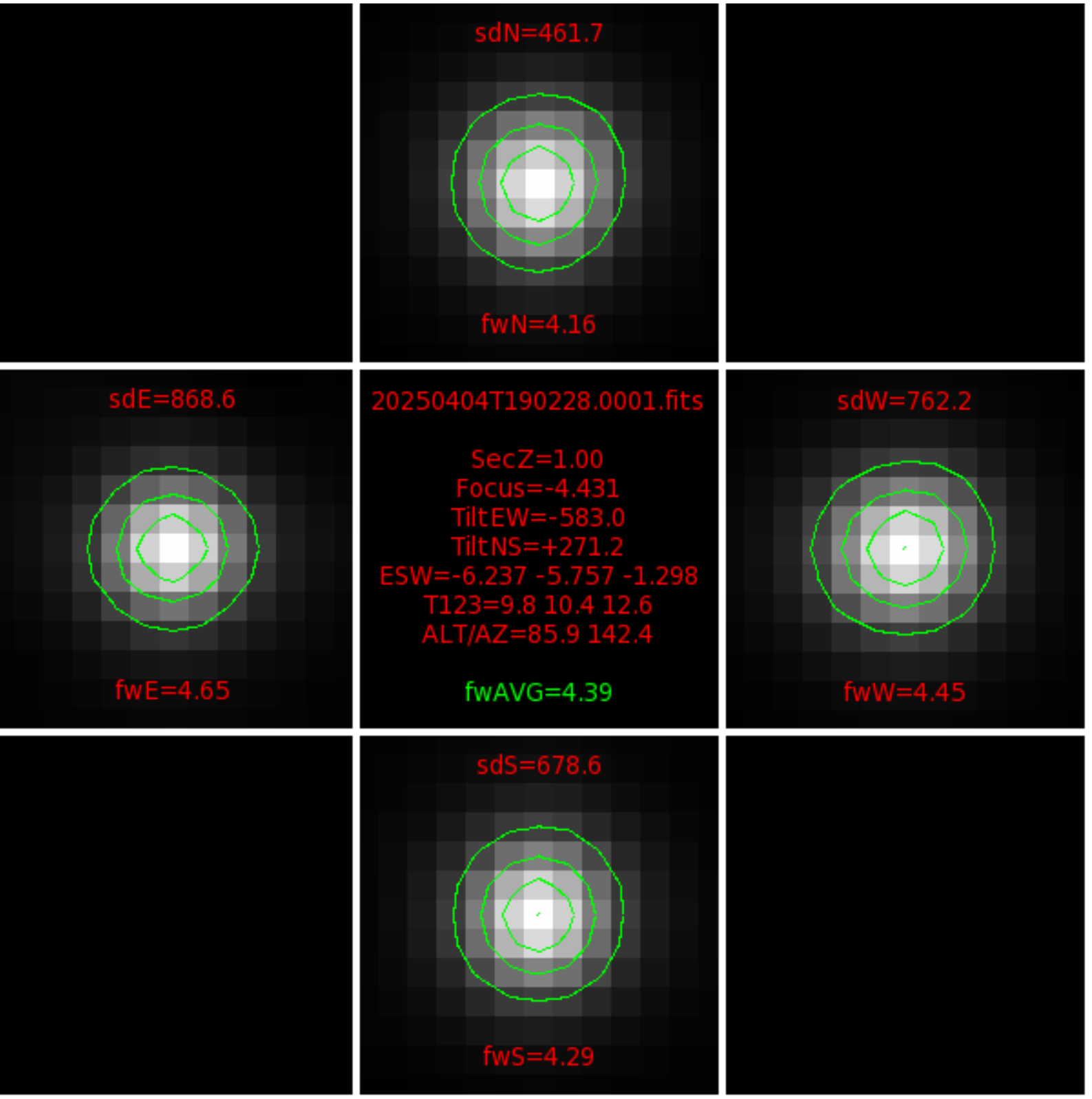
sdN=461.7
fwN=4.16
sdE=868.6
fwE=4.65
20250404T190228.0001.fits
SecZ=1.00
Focus=-4.431
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.237 -5.757 -1.298
T123=9.8 10.4 12.6
ALT/AZ=85.9 142.4
fwAVG=4.39
sdW=762.2
fwW=4.45
sdS=678.6
fwS=4.29
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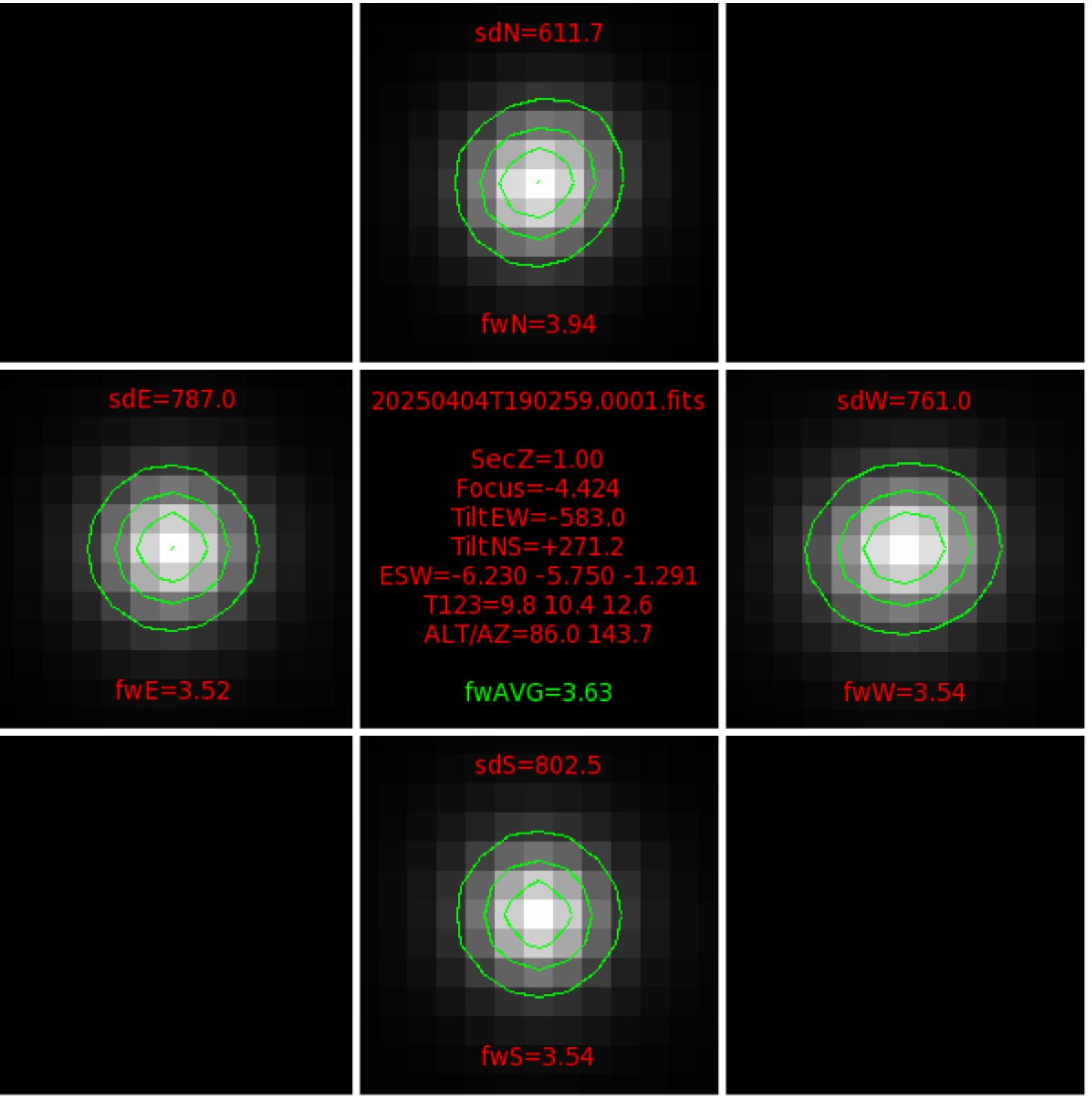
sdN=611.7
fwN=3.94
sdE=787.0
fwE=3.52
20250404T190259.0001.fits
SecZ=1.00
Focus=-4.424
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.230 -5.750 -1.291
T123=9.8 10.4 12.6
ALT/AZ=86.0 143.7
fwAVG=3.63
sdW=761.0
fwW=3.54
sdS=802.5
fwS=3.54
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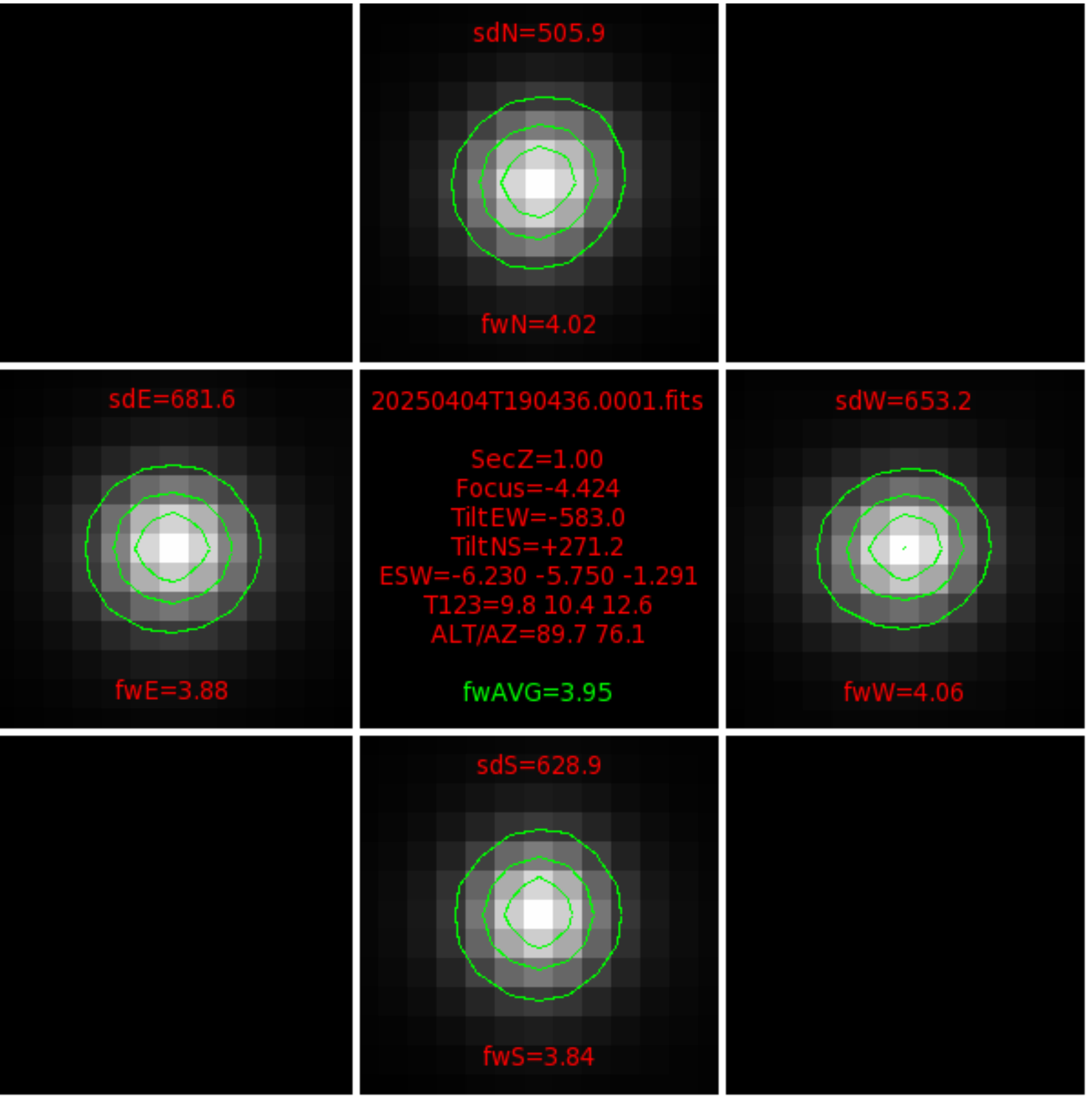
sdN=505.9
fwN=4.02
sdE=681.6
fwE=3.88
20250404T190436.0001.fits
SecZ=1.00
Focus=-4.424
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.230 -5.750 -1.291
T123=9.8 10.4 12.6
ALT/AZ=89.7 76.1
fwAVG=3.95
sdW=653.2
fwW=4.06
sdS=628.9
fwS=3.84
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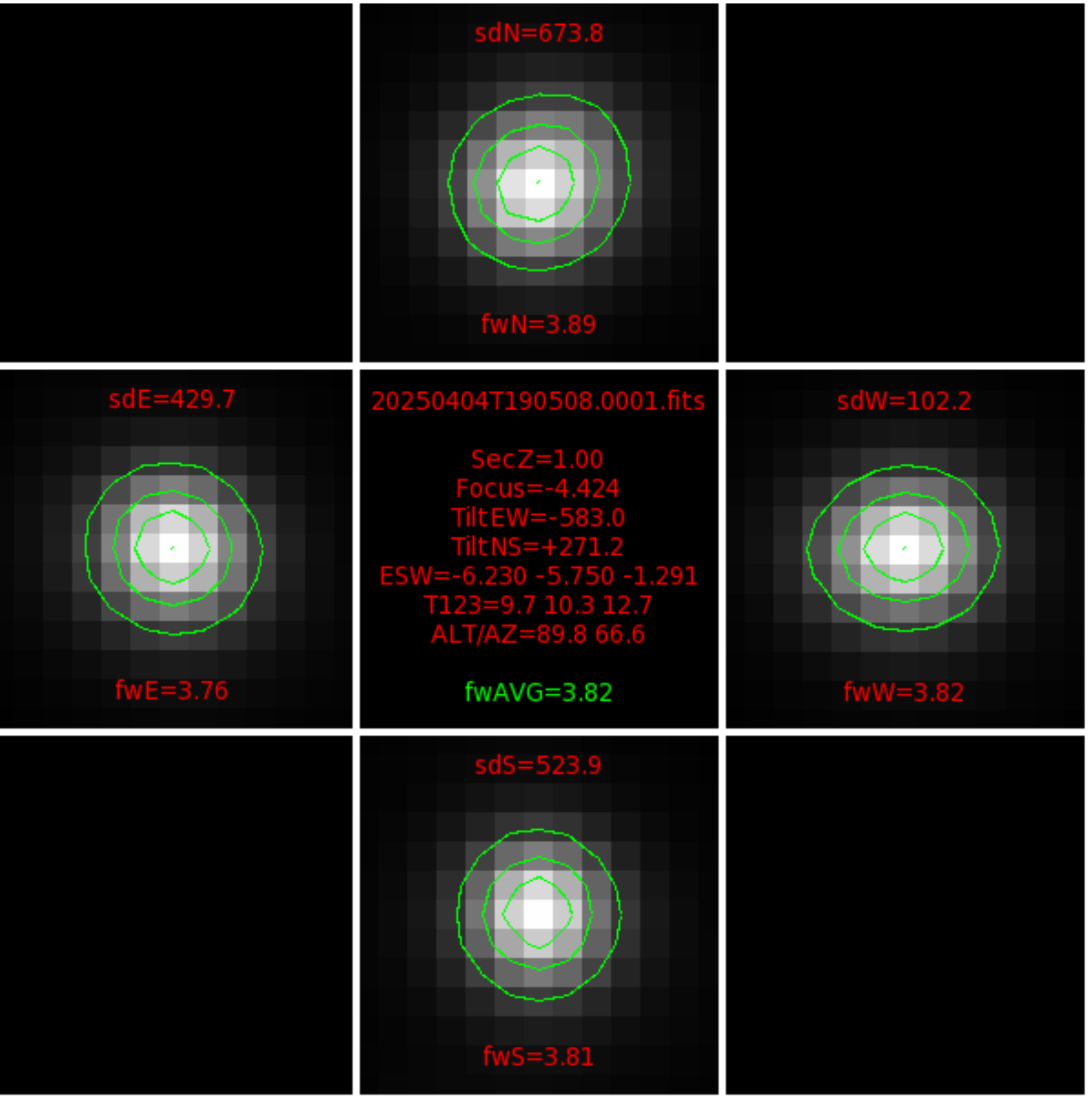
sdN=673.8
fwN=3.89
sdE=429.7
fwE=3.76
20250404T190508.0001.fits
SecZ=1.00
Focus=-4.424
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.230 -5.750 -1.291
T123=9.7 10.3 12.7
ALT/AZ=89.8 66.6
fwAVG=3.82
sdW=102.2
fwW=3.82
sdS=523.9
fwS=3.81
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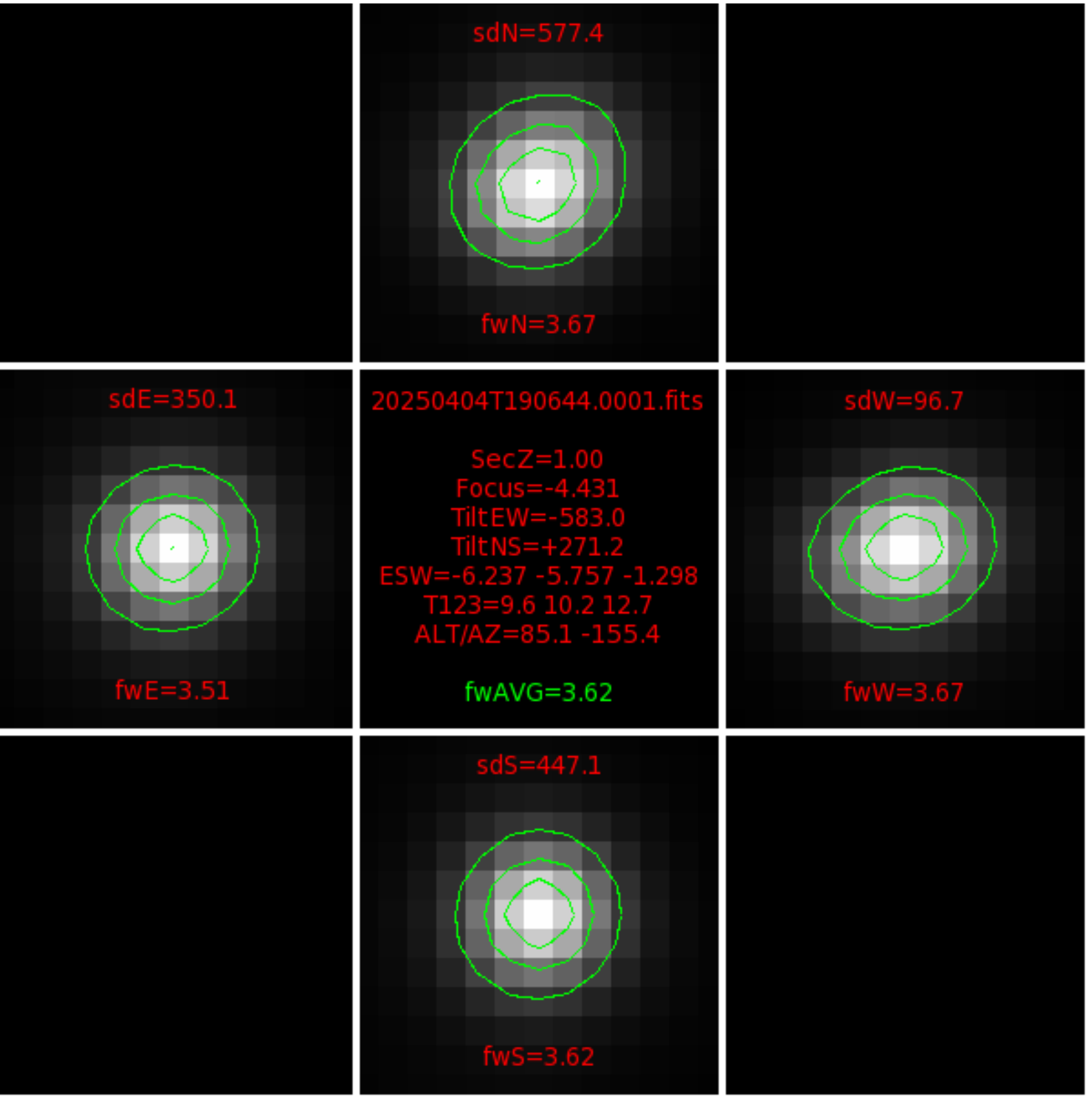
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fwN=3.67
sdE=350.1
fwE=3.51
20250404T190644.0001.fits
SecZ=1.00
Focus=-4.431
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.237 -5.757 -1.298
T123=9.6 10.2 12.7
ALT/AZ=85.1 -155.4
fwAVG=3.62
sdW=96.7
fwW=3.67
sdS=447.1
fwS=3.62
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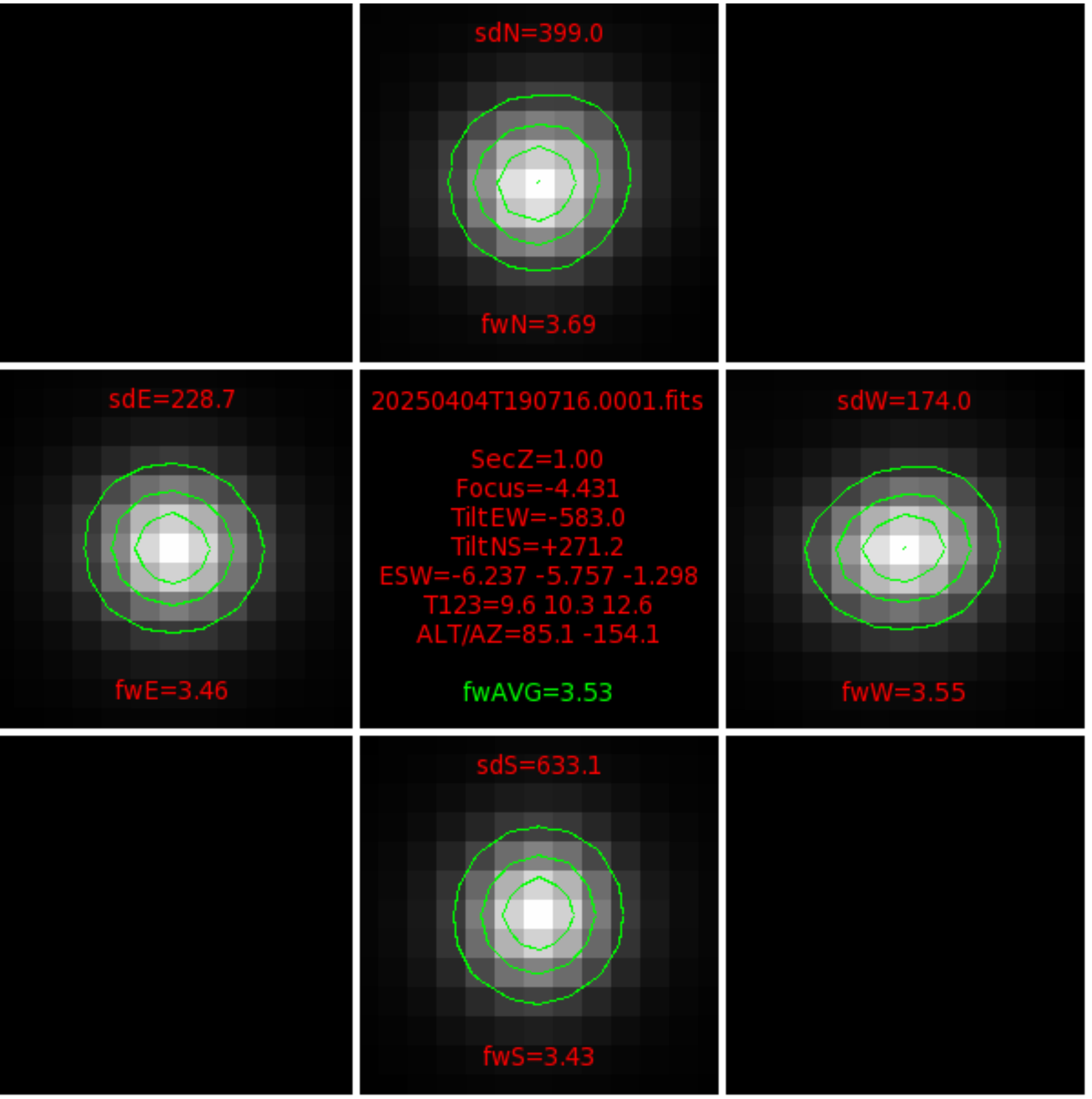
sdN=399.0
fwN=3.69
sdE=228.7
fwE=3.46
20250404T190716.0001.fits
SecZ=1.00
Focus=-4.431
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.237 -5.757 -1.298
T123=9.6 10.3 12.6
ALT/AZ=85.1 -154.1
fwAVG=3.53
sdW=174.0
fwW=3.55
sdS=633.1
fwS=3.43
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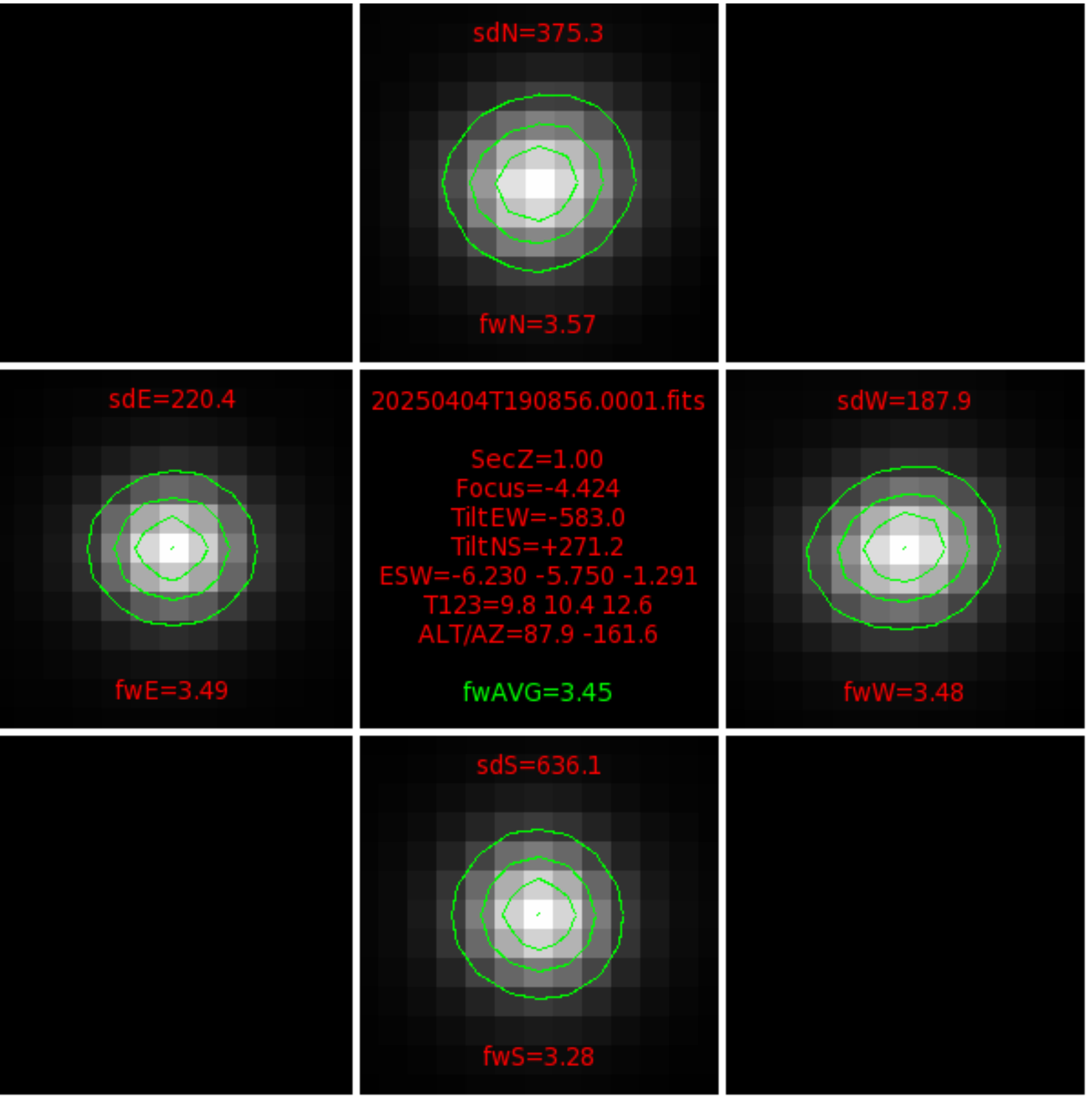
sdN=375.3
fwN=3.57
sdE=220.4
fwE=3.49
20250404T190856.0001.fits
SecZ=1.00
Focus=-4.424
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.230 -5.750 -1.291
T123=9.8 10.4 12.6
ALT/AZ=87.9 -161.6
fwAVG=3.45
sdW=187.9
fwW=3.48
sdS=636.1
fwS=3.28
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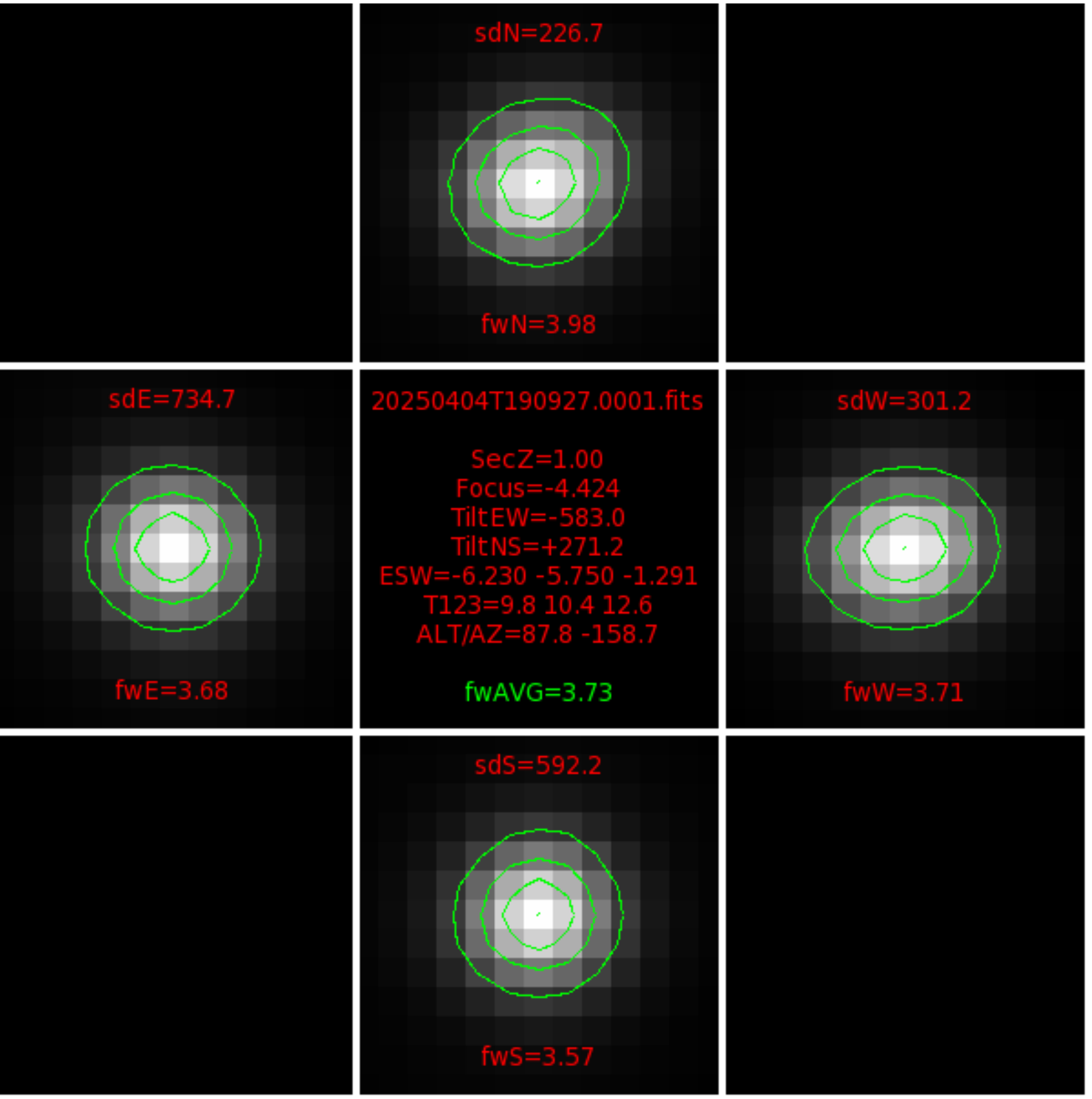
sdN=226.7
fwN=3.98
sdE=734.7
fwE=3.68
20250404T190927.0001.fits
SecZ=1.00
Focus=-4.424
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.230 -5.750 -1.291
T123=9.8 10.4 12.6
ALT/AZ=87.8 -158.7
fwAVG=3.73
sdW=301.2
fwW=3.71
sdS=592.2
fwS=3.57
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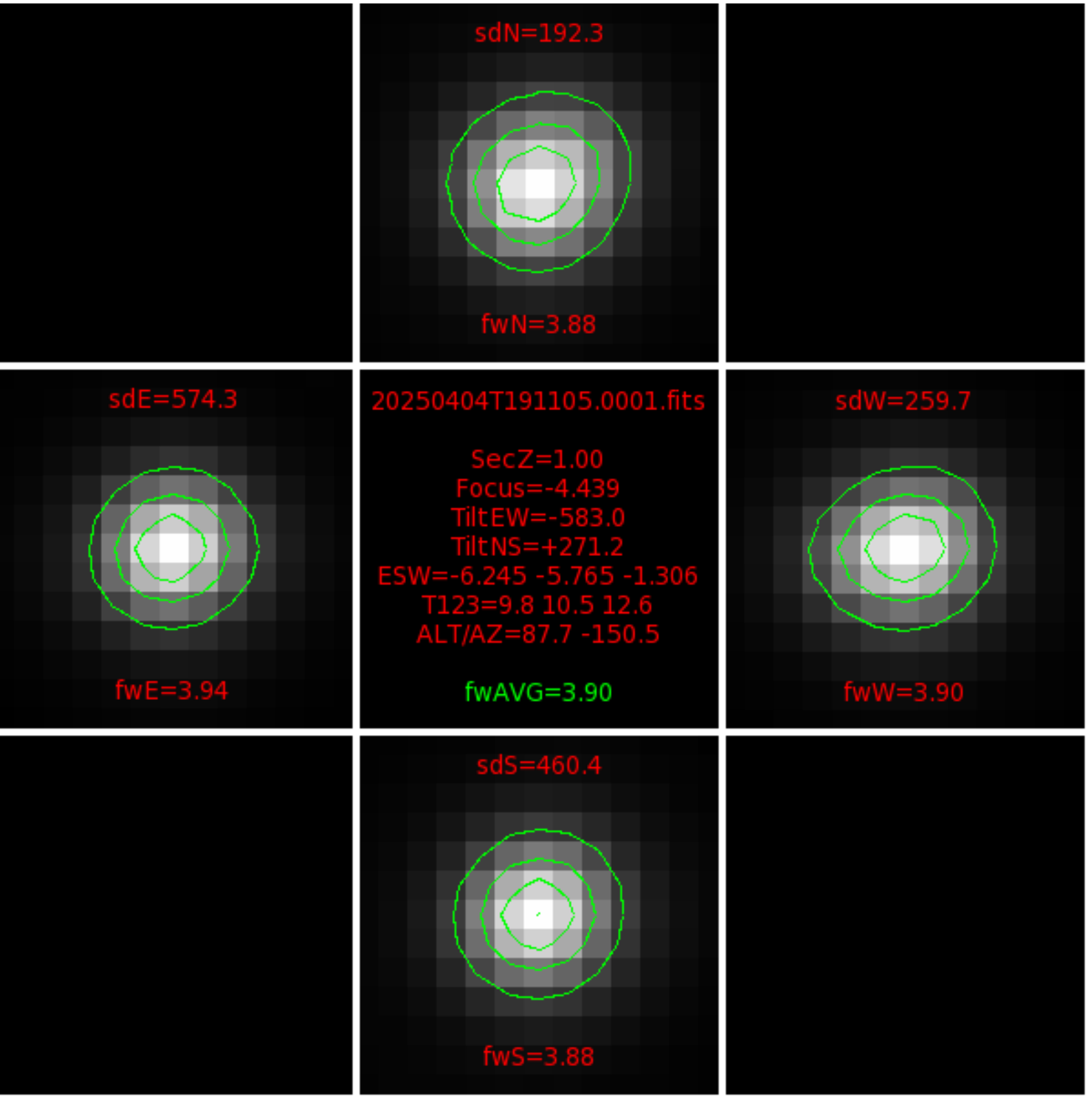
sdN=192.3
fwN=3.88
sdE=574.3
fwE=3.94
20250404T191105.0001.fits
SecZ=1.00
Focus=-4.439
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.245 -5.765 -1.306
T123=9.8 10.5 12.6
ALT/AZ=87.7 -150.5
fwAVG=3.90
sdW=259.7
fwW=3.90
sdS=460.4
fwS=3.88
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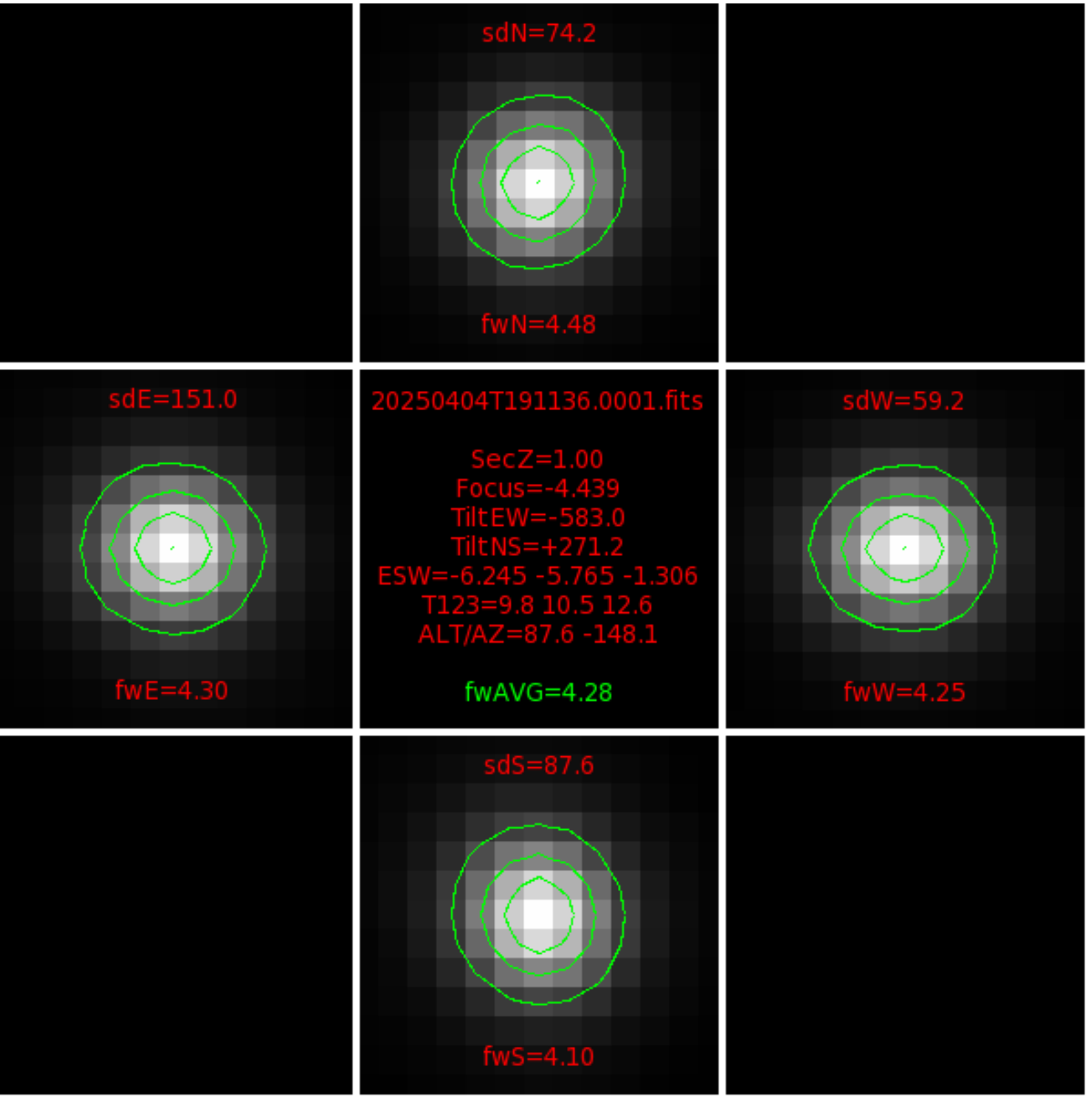
sdN=74.2
fwN=4.48
sdE=151.0
fwE=4.30
20250404T191136.0001.fits
SecZ=1.00
Focus=-4.439
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.245 -5.765 -1.306
T123=9.8 10.5 12.6
ALT/AZ=87.6 -148.1
fwAVG=4.28
sdW=59.2
fwW=4.25
sdS=87.6
fwS=4.10
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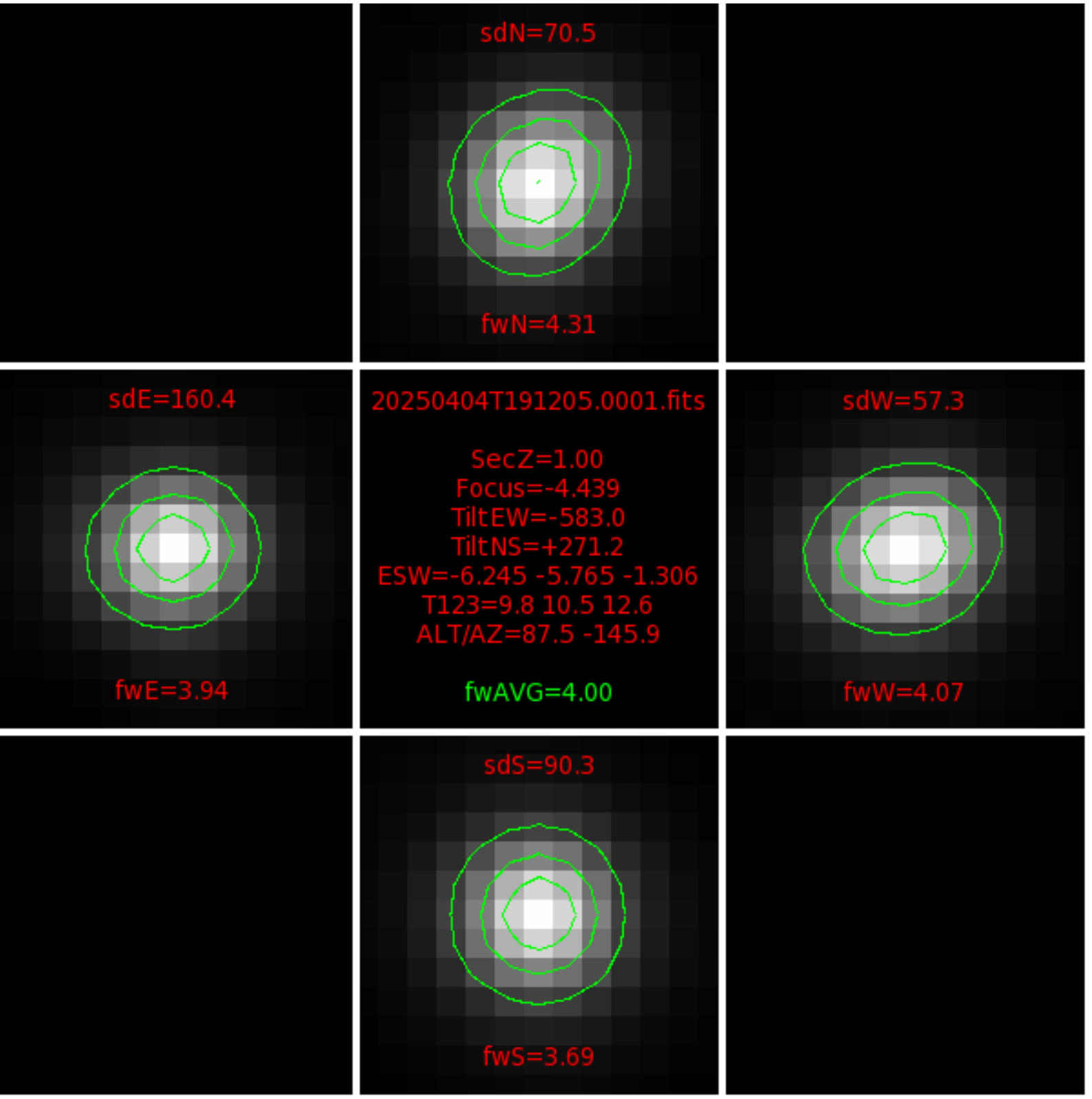
sdN=70.5
fwN=4.31
sdE=160.4
fwE=3.94
20250404T191205.0001.fits
SecZ=1.00
Focus=-4.439
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.245 -5.765 -1.306
T123=9.8 10.5 12.6
ALT/AZ=87.5 -145.9
fwAVG=4.00
sdW=57.3
fwW=4.07
sdS=90.3
fwS=3.69
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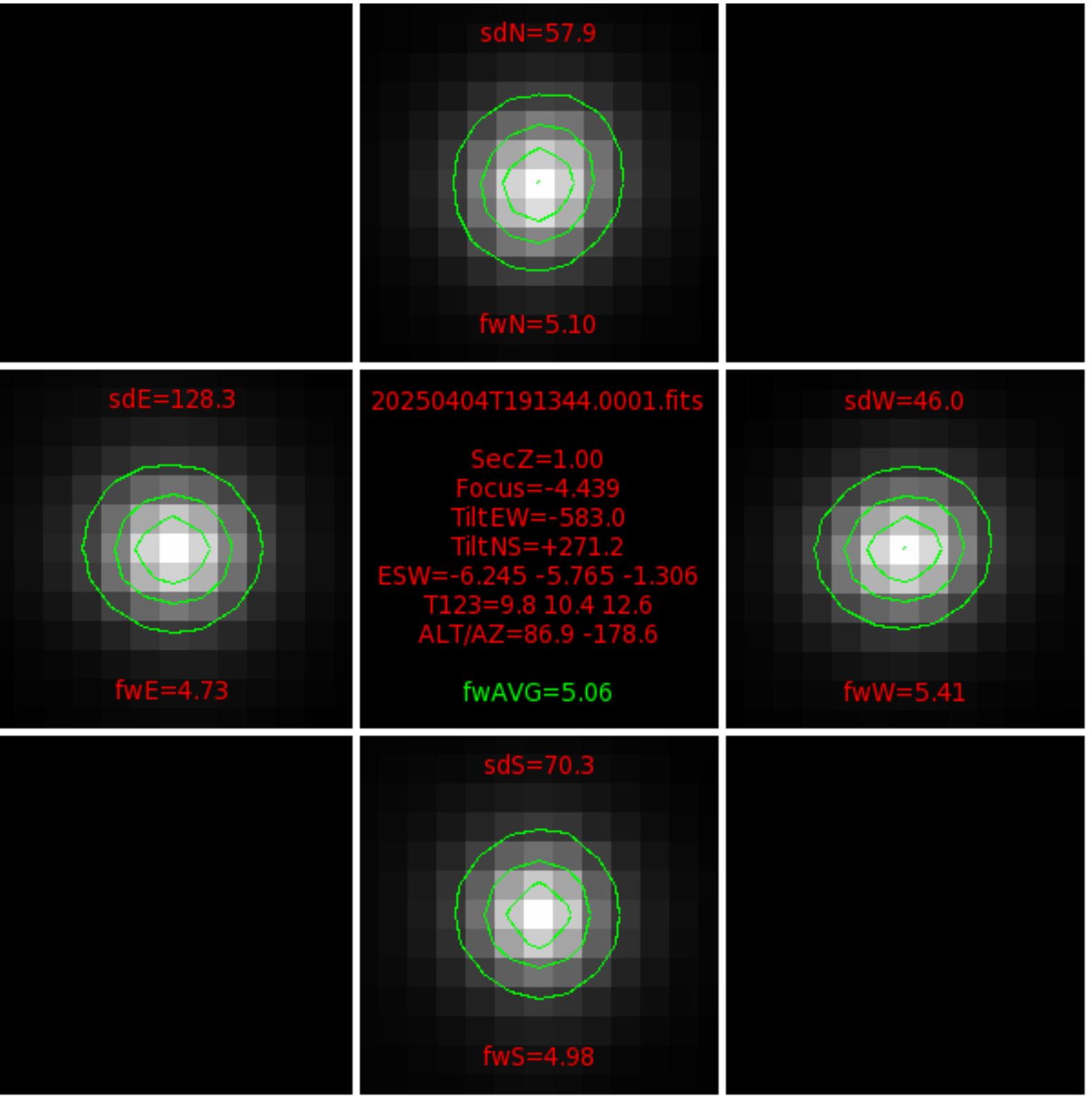
sdN=57.9
fwN=5.10
sdE=128.3
fwE=4.73
20250404T191344.0001.fits
SecZ=1.00
Focus=-4.439
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.245 -5.765 -1.306
T123=9.8 10.4 12.6
ALT/AZ=86.9 -178.6
fwAVG=5.06
sdW=46.0
fwW=5.41
sdS=70.3
fwS=4.98
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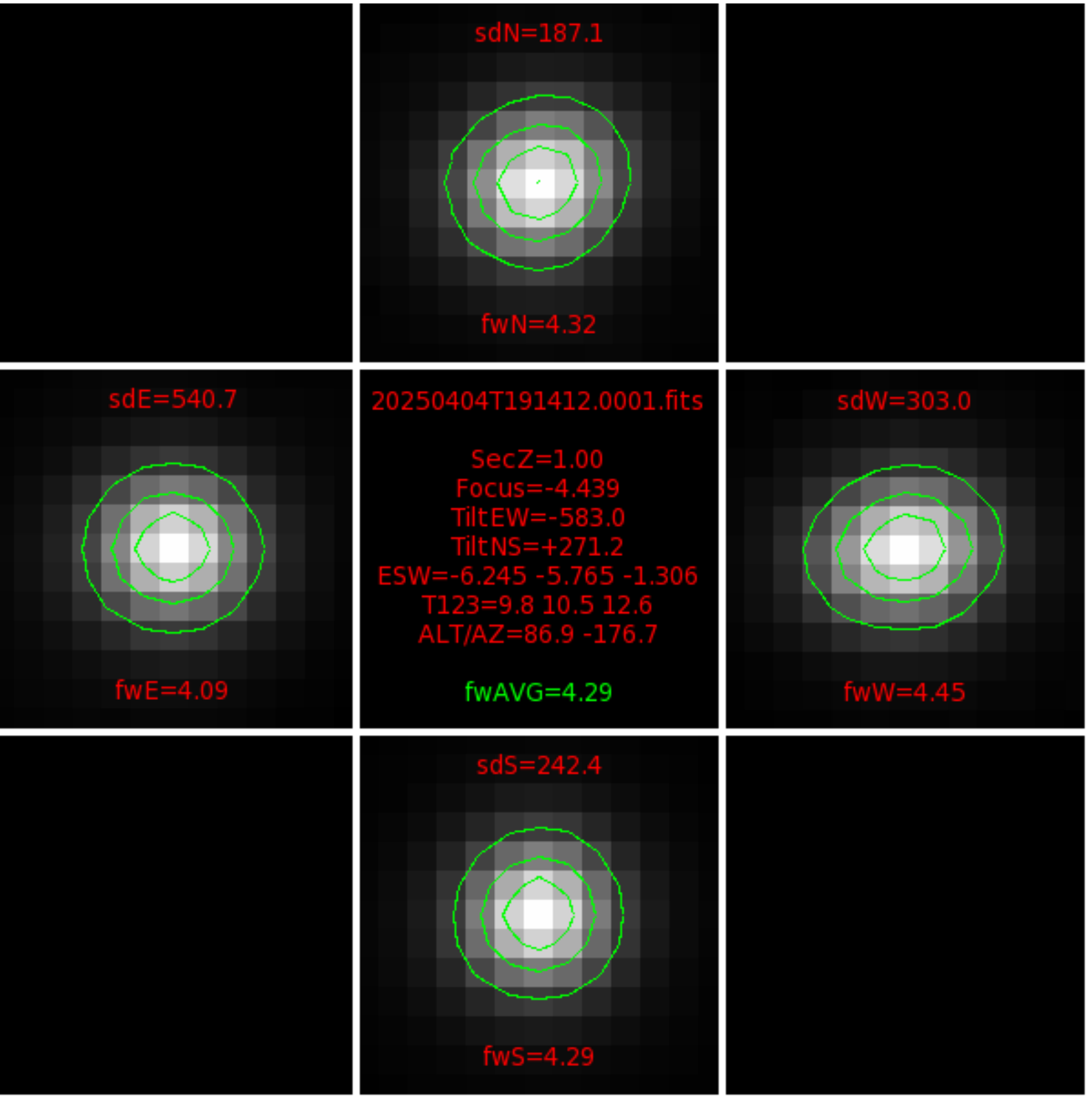
sdN=187.1
fwN=4.32
sdE=540.7
fwE=4.09
20250404T191412.0001.fits
SecZ=1.00
Focus=-4.439
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.245 -5.765 -1.306
T123=9.8 10.5 12.6
ALT/AZ=86.9 -176.7
fwAVG=4.29
sdW=303.0
fwW=4.45
sdS=242.4
fwS=4.29
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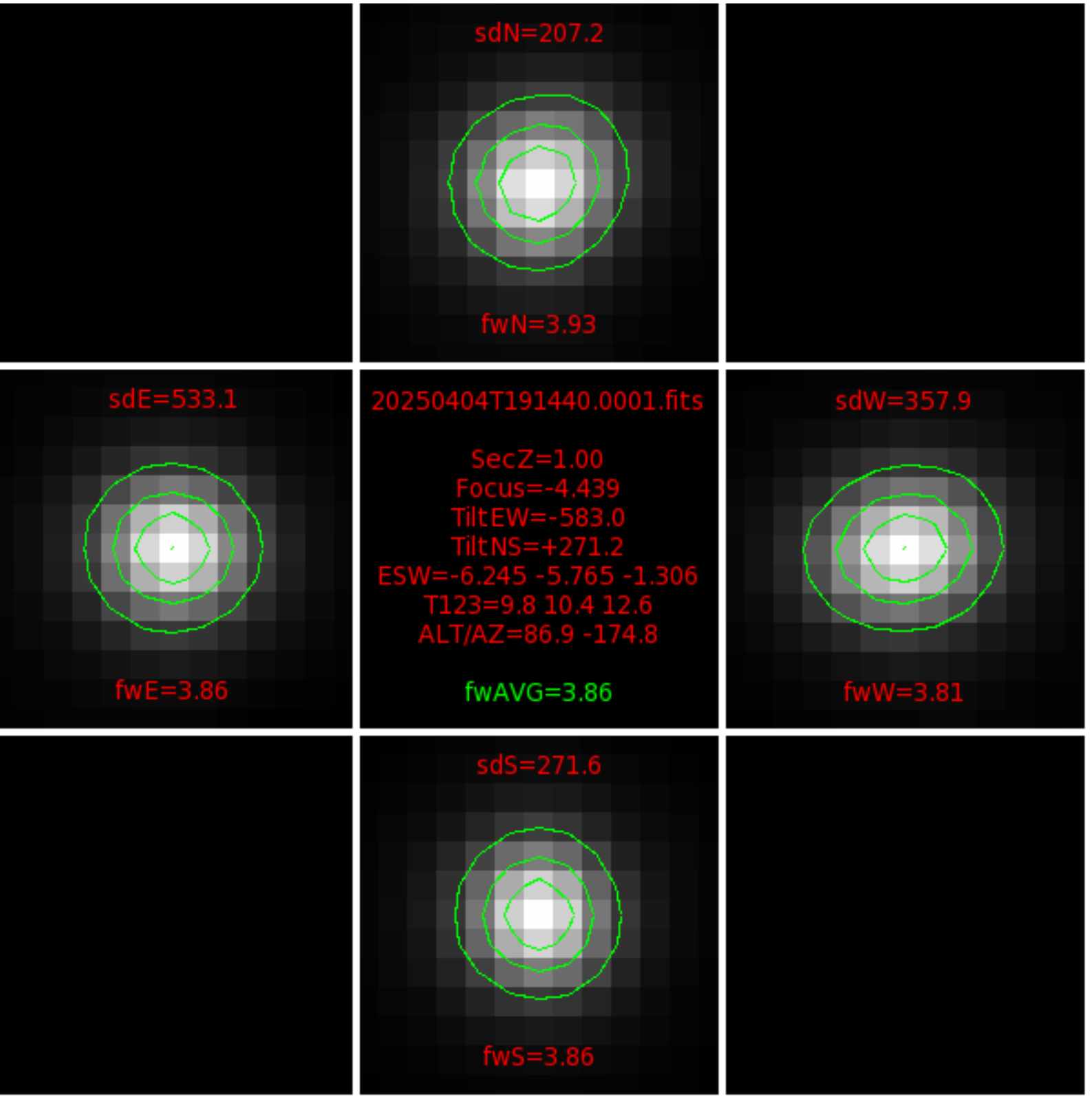
sdN=207.2
fwN=3.93
sdE=533.1
fwE=3.86
20250404T191440.0001.fits
SecZ=1.00
Focus=-4.439
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.245 -5.765 -1.306
T123=9.8 10.4 12.6
ALT/AZ=86.9 -174.8
fwAVG=3.86
sdW=357.9
fwW=3.81
sdS=271.6
fwS=3.86
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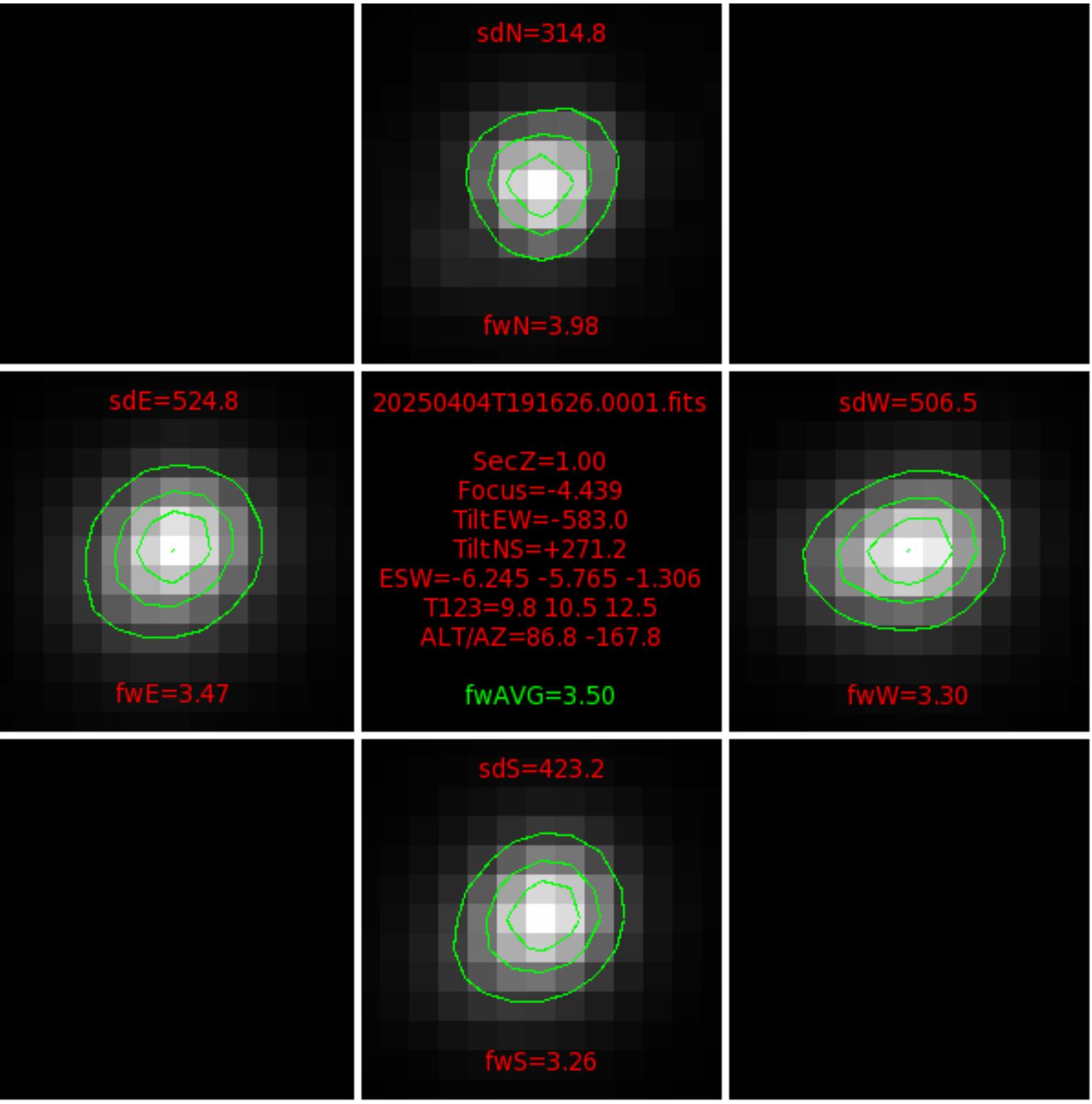
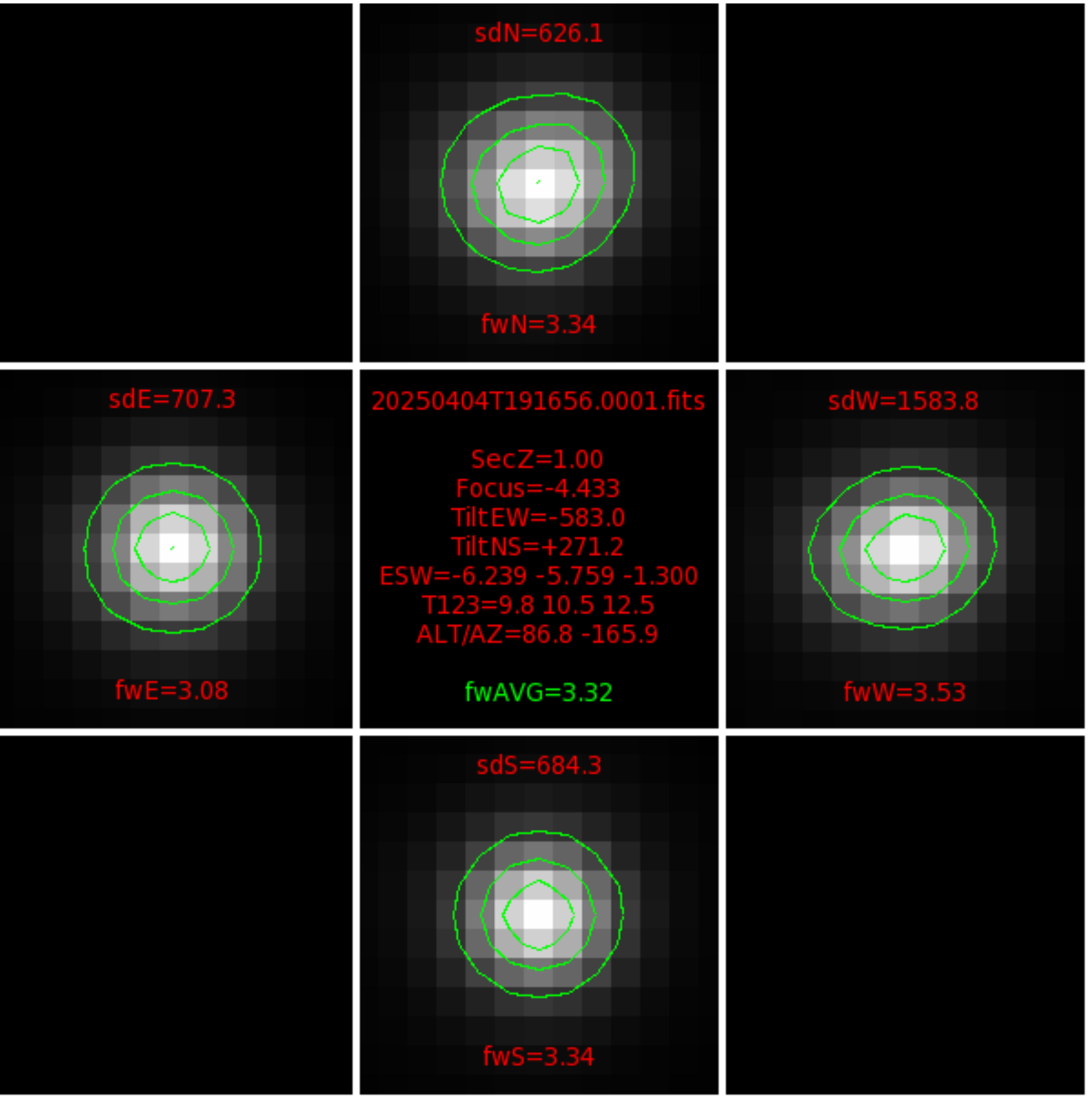

sdN=314.8
fwN=3.98
sdE=524.8
fwE=3.47
20250404T191626.0001.fits
SecZ=1.00
Focus=-4.439
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.245 -5.765 -1.306
T123=9.8 10.5 12.5
ALT/AZ=86.8 -167.8
fwAVG=3.50
sdW=506.5
fwW=3.30
sdS=423.2
fwS=3.26
0 0 0 0 0 0 0 0 0


sdN=626.1
fwN=3.34
sdE=707.3
fwE=3.08
20250404T191656.0001.fits
SecZ=1.00
Focus=-4.433
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.239 -5.759 -1.300
T123=9.8 10.5 12.5
ALT/AZ=86.8 -165.9
fwAVG=3.32
sdW=1583.8
fwW=3.53
sdS=684.3
fwS=3.34
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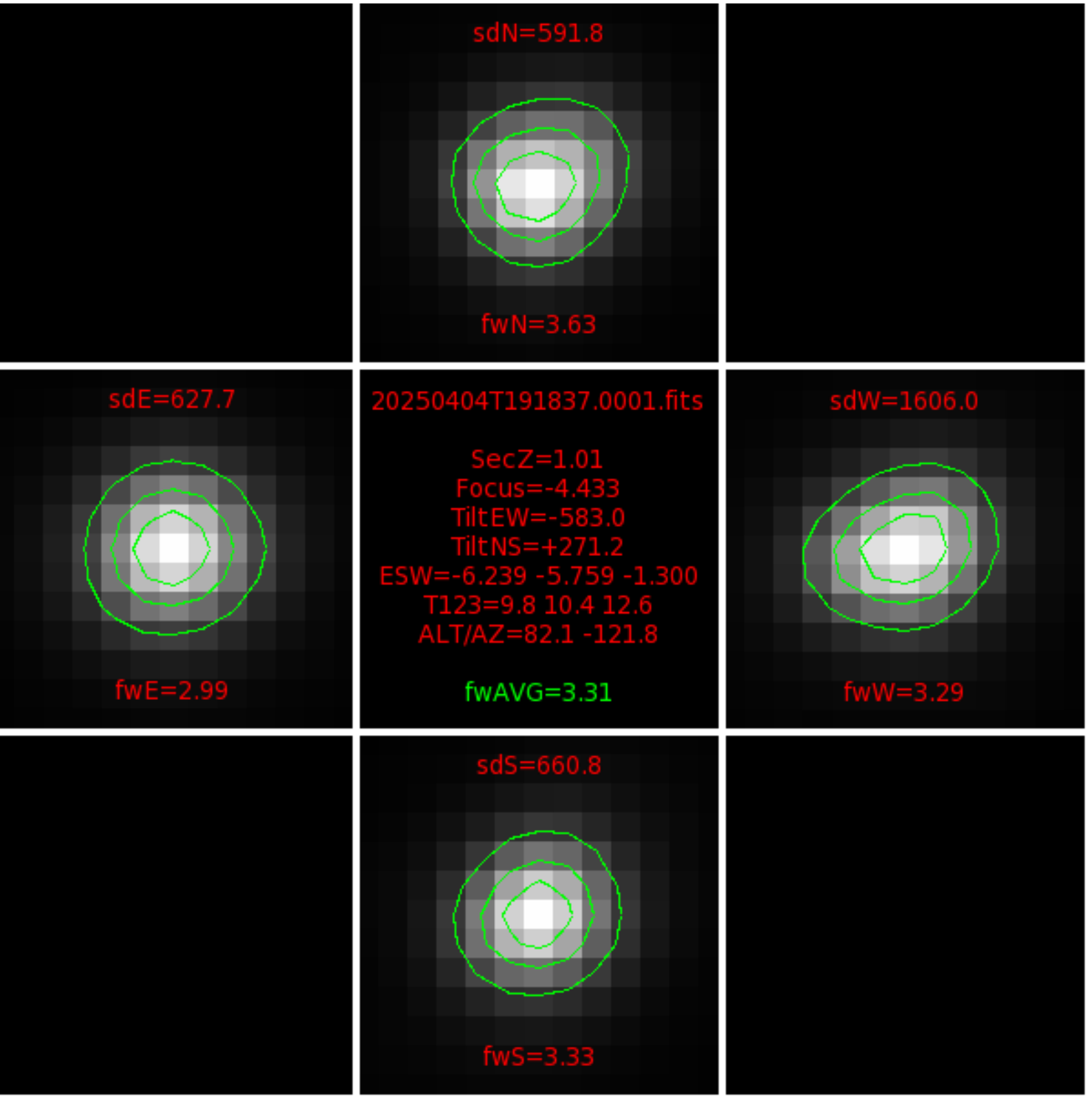
sdN=591.8
fwN=3.63
sdE=627.7
fwE=2.99
20250404T191837.0001.fits
SecZ=1.01
Focus=-4.433
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.239 -5.759 -1.300
T123=9.8 10.4 12.6
ALT/AZ=82.1 -121.8
fwAVG=3.31
sdW=1606.0
fwW=3.29
sdS=660.8
fwS=3.33
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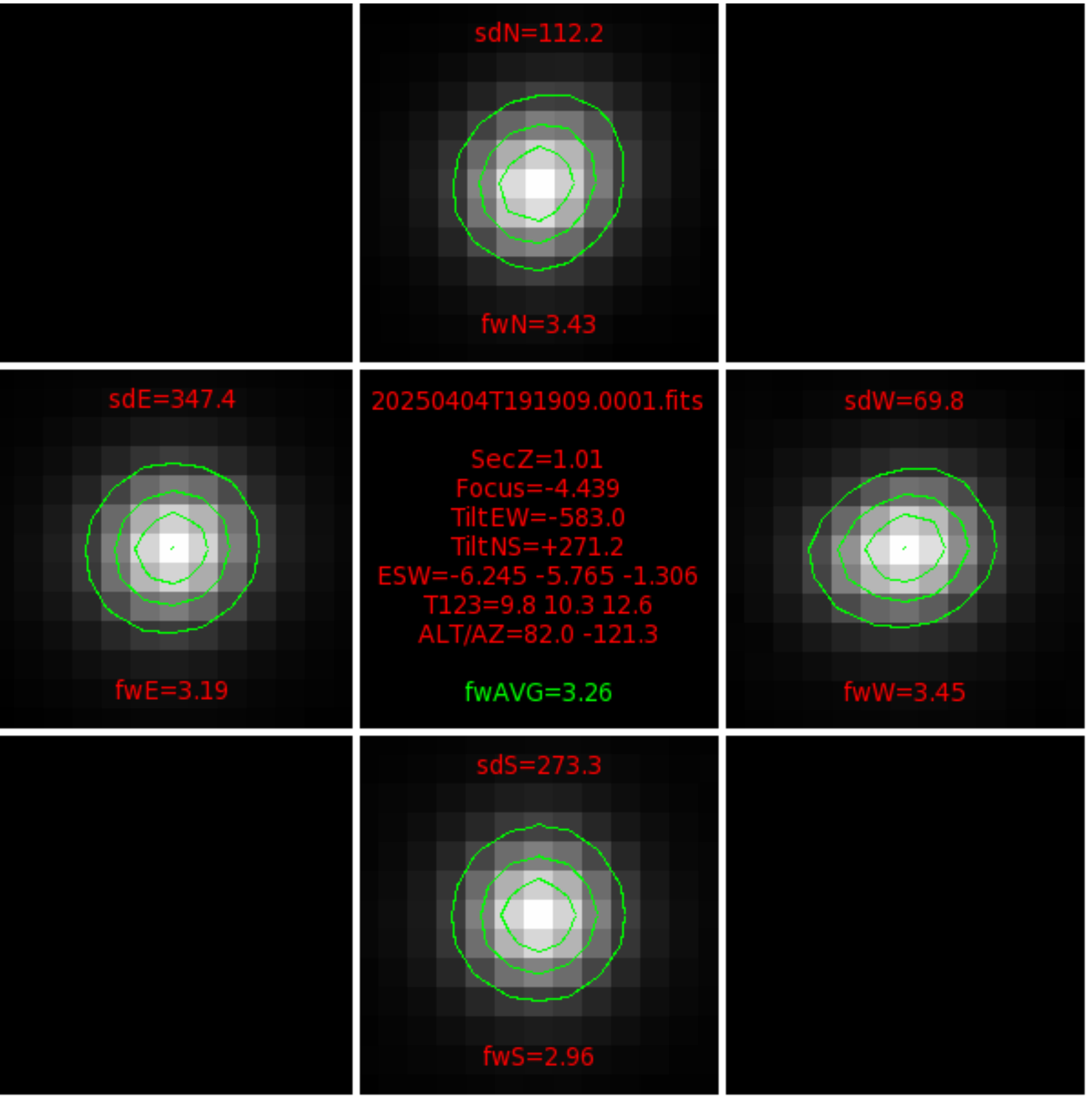
sdN=112.2
fwN=3.43
sdE=347.4
fwE=3.19
20250404T191909.0001.fits
SecZ=1.01
Focus=-4.439
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.245 -5.765 -1.306
T123=9.8 10.3 12.6
ALT/AZ=82.0 -121.3
fwAVG=3.26
sdW=69.8
fwW=3.45
sdS=273.3
fwS=2.96
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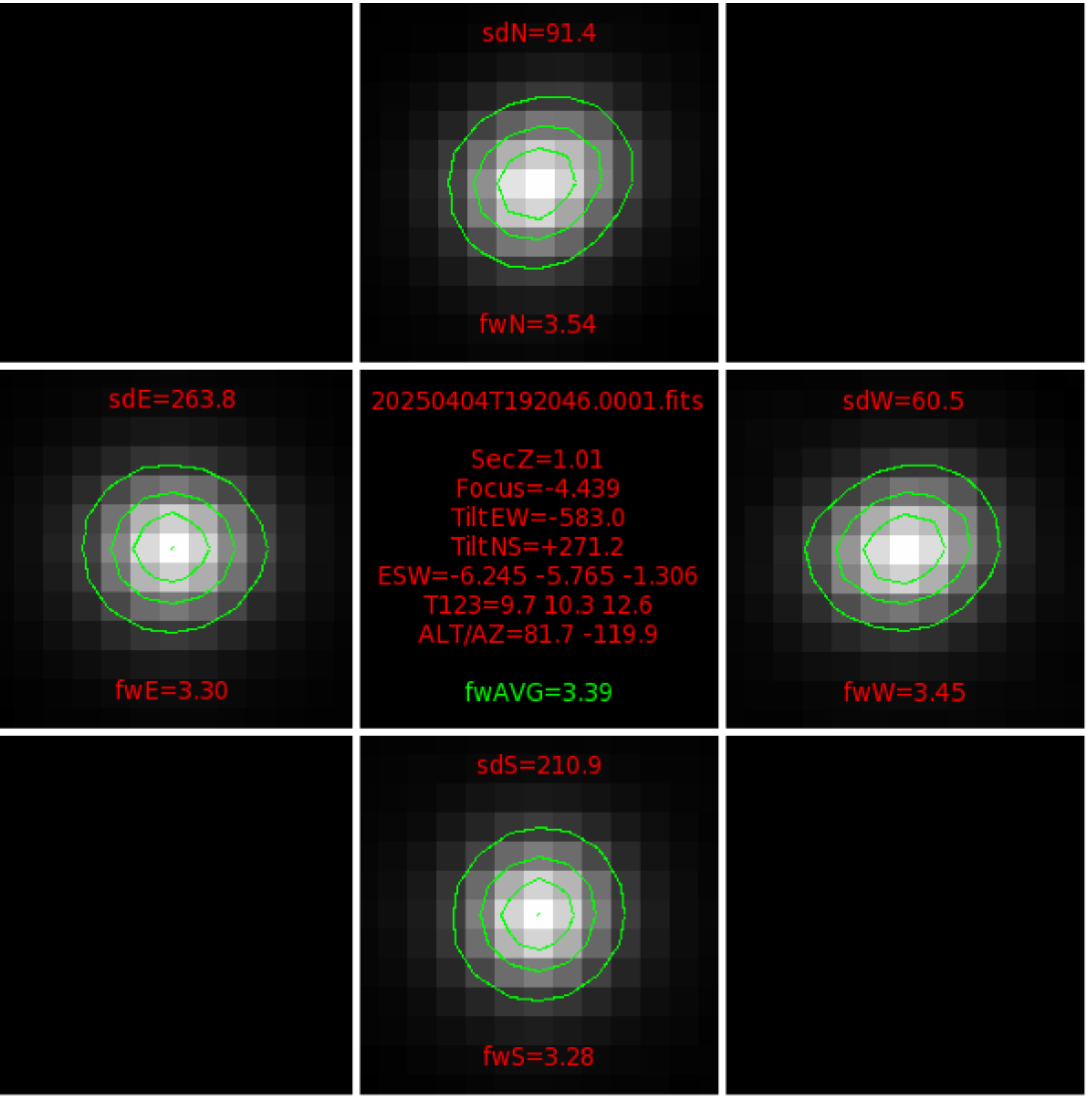
sdN=91.4
fwN=3.54
sdE=263.8
fwE=3.30
20250404T192046.0001.fits
SecZ=1.01
Focus=-4.439
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.245 -5.765 -1.306
T123=9.7 10.3 12.6
ALT/AZ=81.7 -119.9
fwAVG=3.39
sdW=60.5
fwW=3.45
sdS=210.9
fwS=3.28
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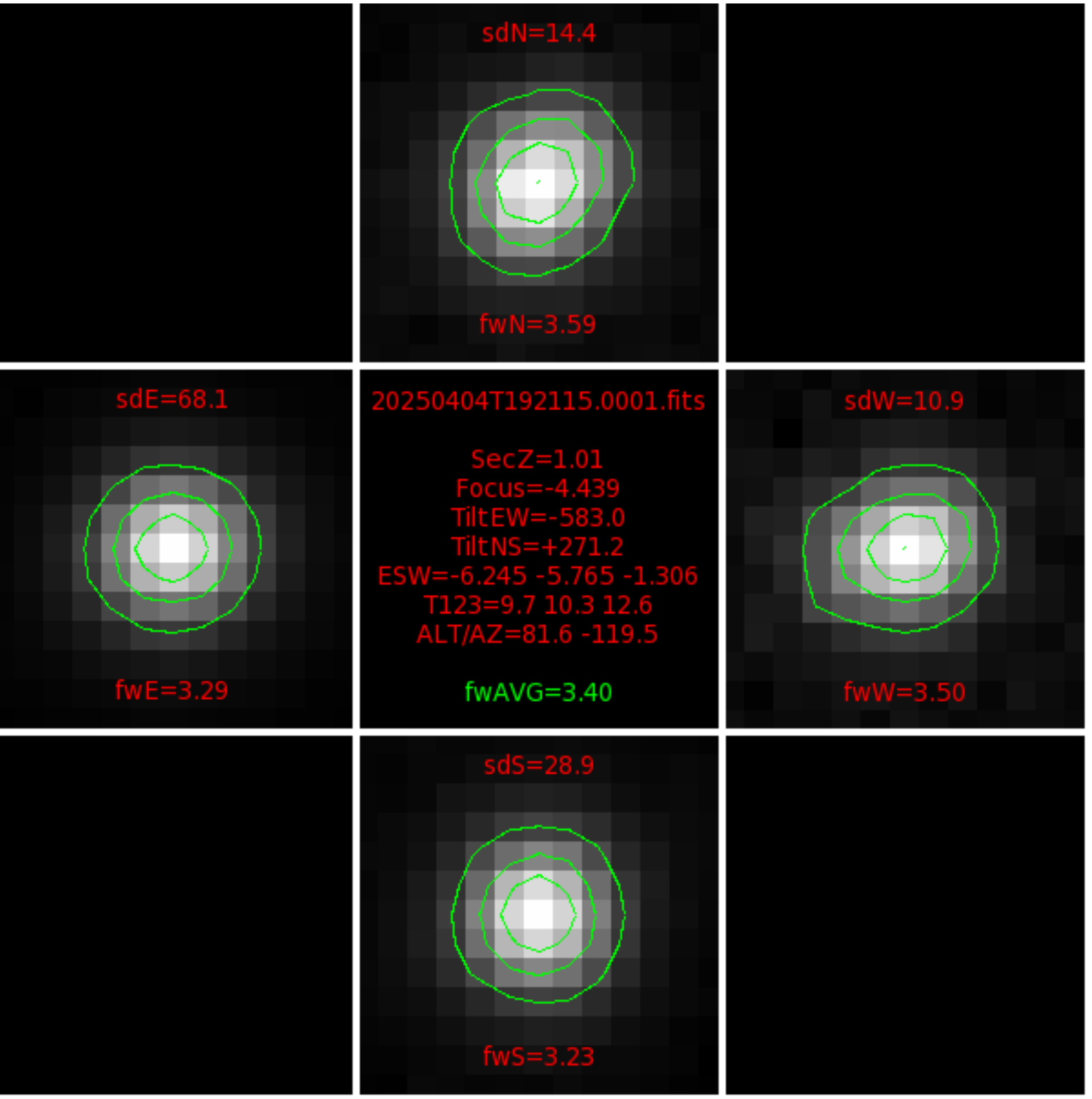
sdN=14.4
fwN=3.59
sdE=68.1
fwE=3.29
20250404T192115.0001.fits
SecZ=1.01
Focus=-4.439
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.245 -5.765 -1.306
T123=9.7 10.3 12.6
ALT/AZ=81.6 -119.5
fwAVG=3.40
sdW=10.9
fwW=3.50
sdS=28.9
fwS=3.23
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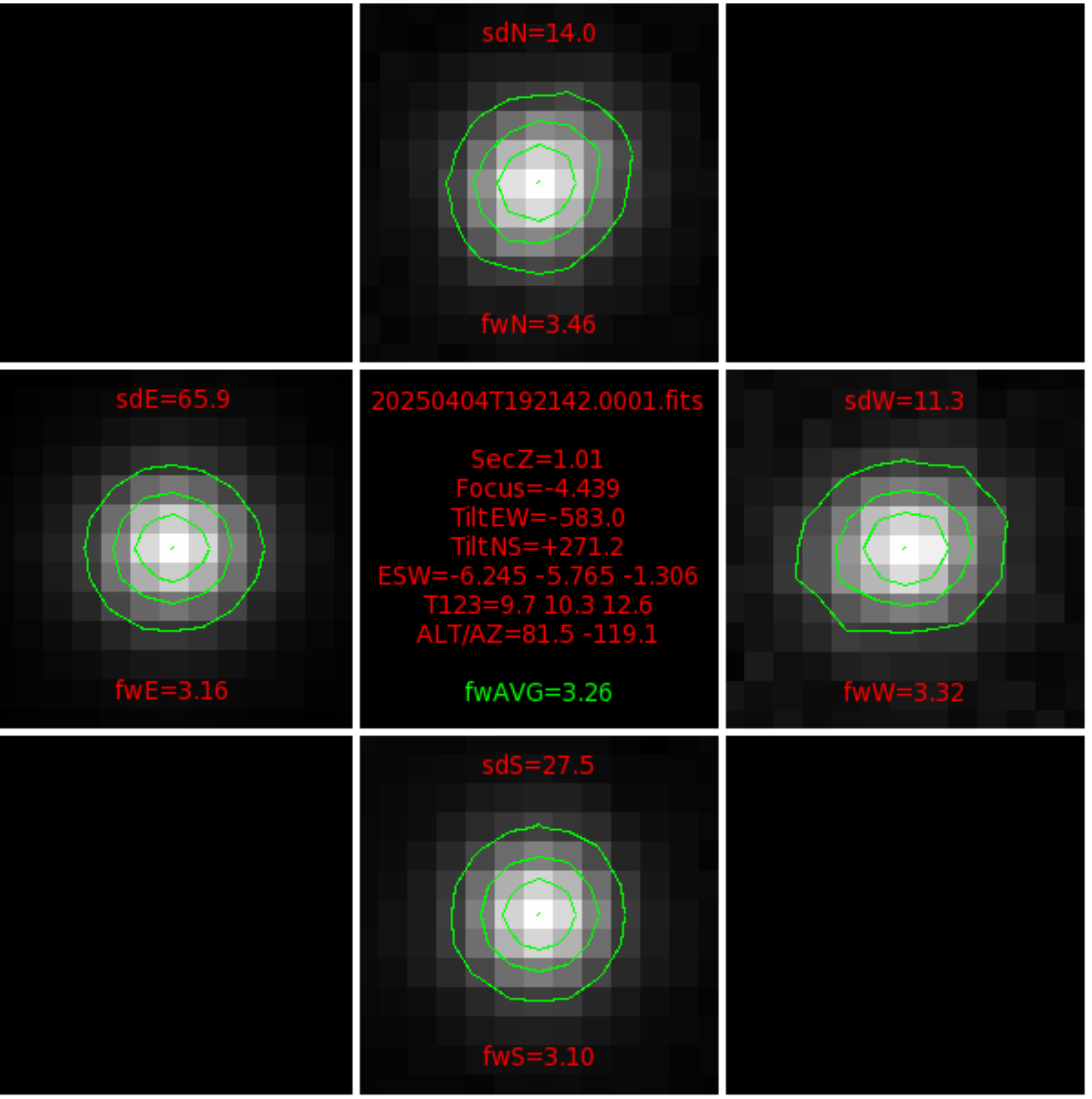
sdN=14.0
fwN=3.46
sdE=65.9
fwE=3.16
20250404T192142.0001.fits
SecZ=1.01
Focus=-4.439
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.245 -5.765 -1.306
T123=9.7 10.3 12.6
ALT/AZ=81.5 -119.1
fwAVG=3.26
sdW=11.3
fwW=3.32
sdS=27.5
fwS=3.10
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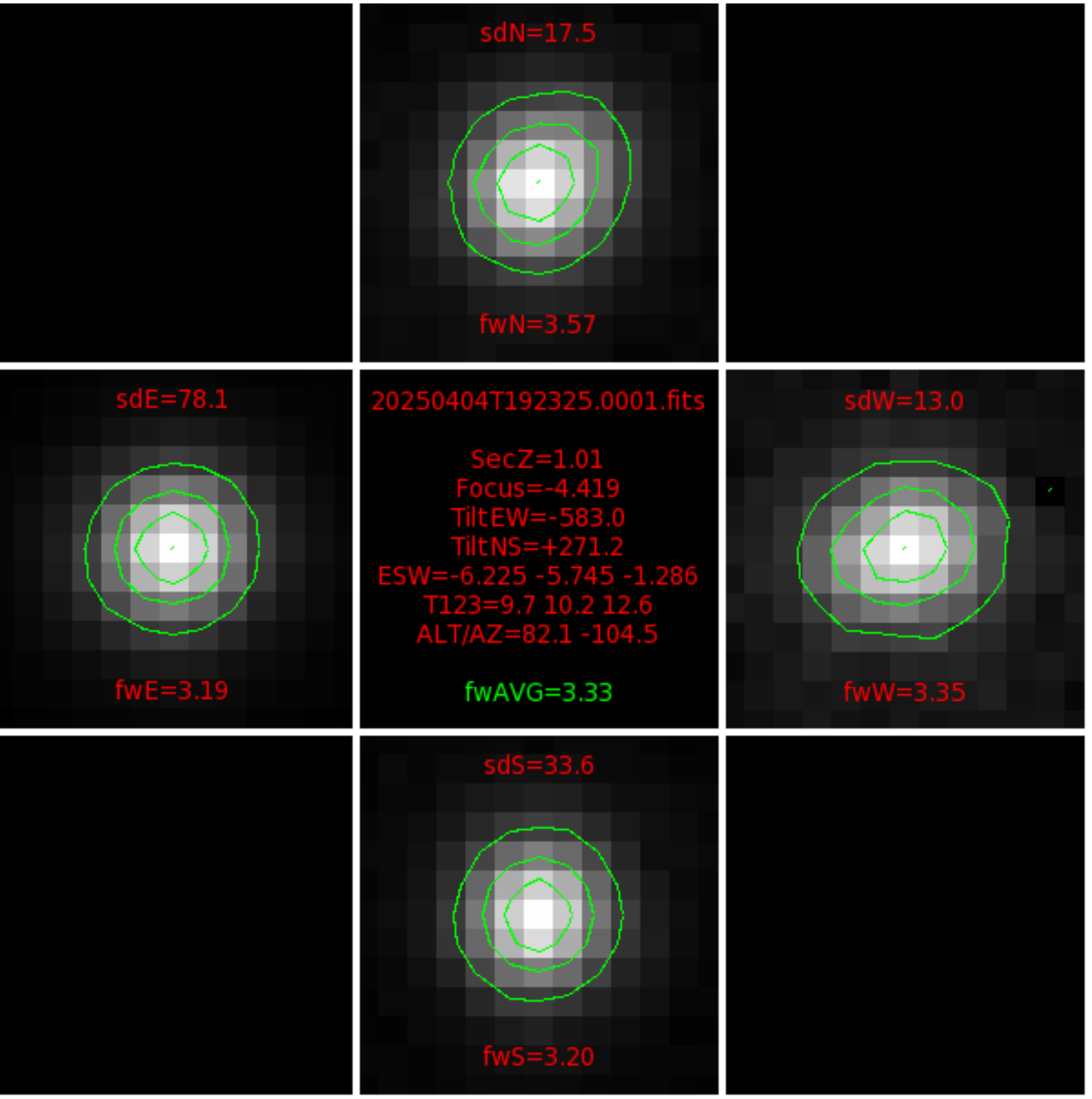
sdN=17.5
fwN=3.57
sdE=78.1
fwE=3.19
20250404T192325.0001.fits
SecZ=1.01
Focus=-4.419
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.225 -5.745 -1.286
T123=9.7 10.2 12.6
ALT/AZ=82.1 -104.5
fwAVG=3.33
sdW=13.0
fwW=3.35
sdS=33.6
fwS=3.20
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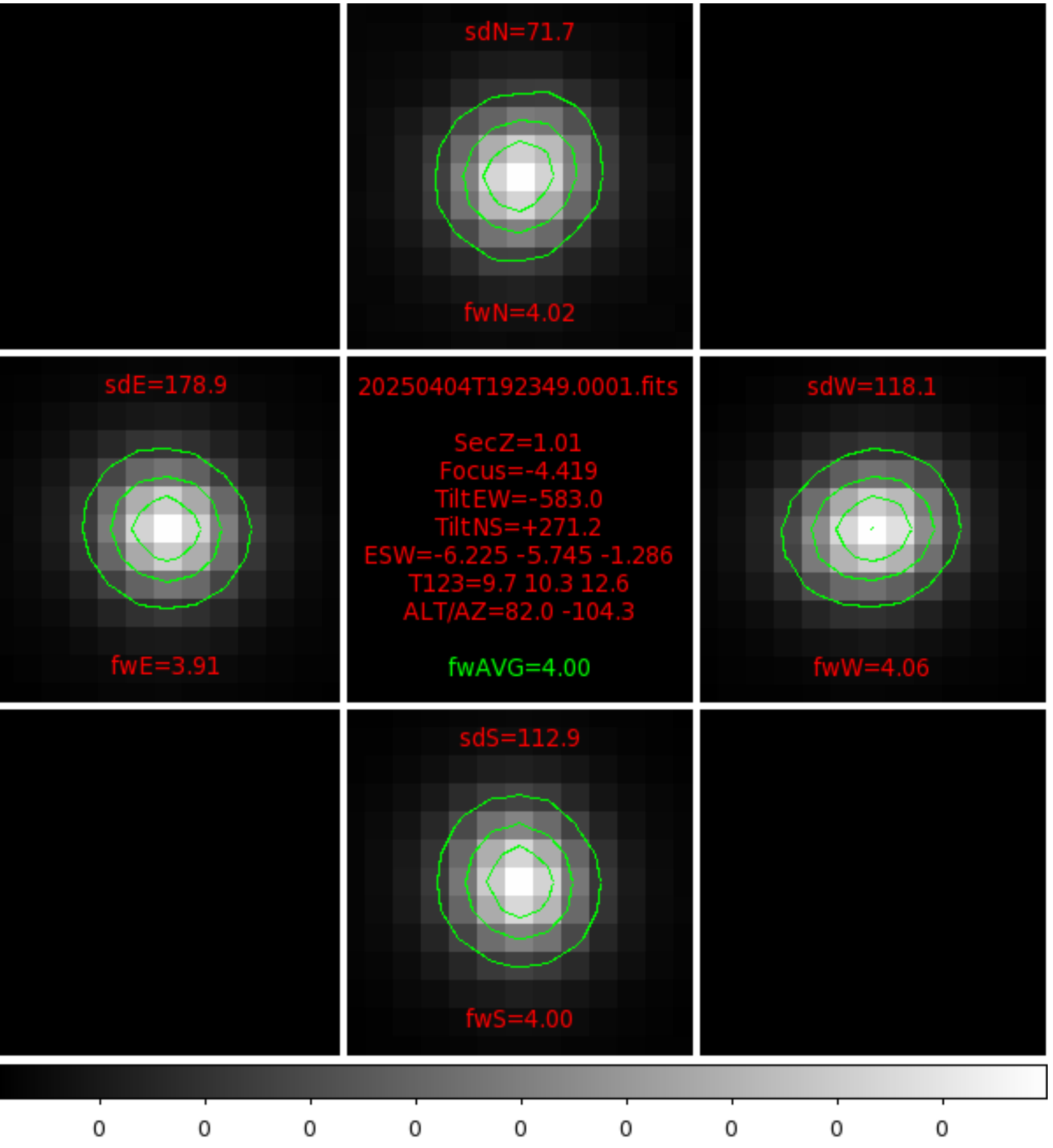
sdN=71.7
fwN=4.02
sdE=178.9
fwE=3.91
20250404T192349.0001.fits
SecZ=1.01
Focus=-4.419
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.225 -5.745 -1.286
T123=9.7 10.3 12.6
ALT/AZ=82.0 -104.3
fwAVG=4.00
sdW=118.1
fwW=4.06
sdS=112.9
fwS=4.00
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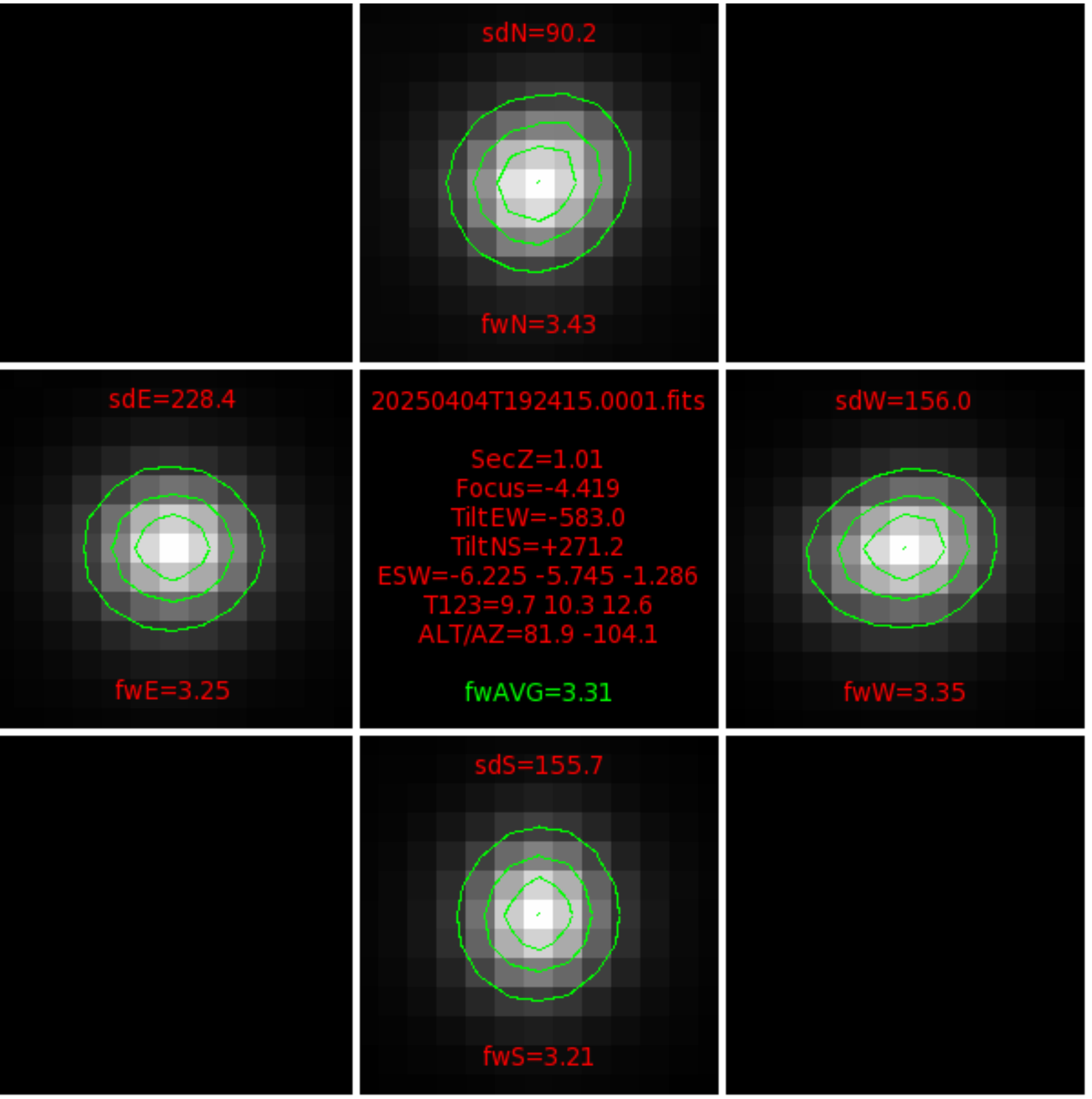
sdN=90.2
fwN=3.43
sdE=228.4
fwE=3.25
20250404T192415.0001.fits
SecZ=1.01
Focus=-4.419
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.225 -5.745 -1.286
T123=9.7 10.3 12.6
ALT/AZ=81.9 -104.1
fwAVG=3.31
sdW=156.0
fwW=3.35
sdS=155.7
fwS=3.21
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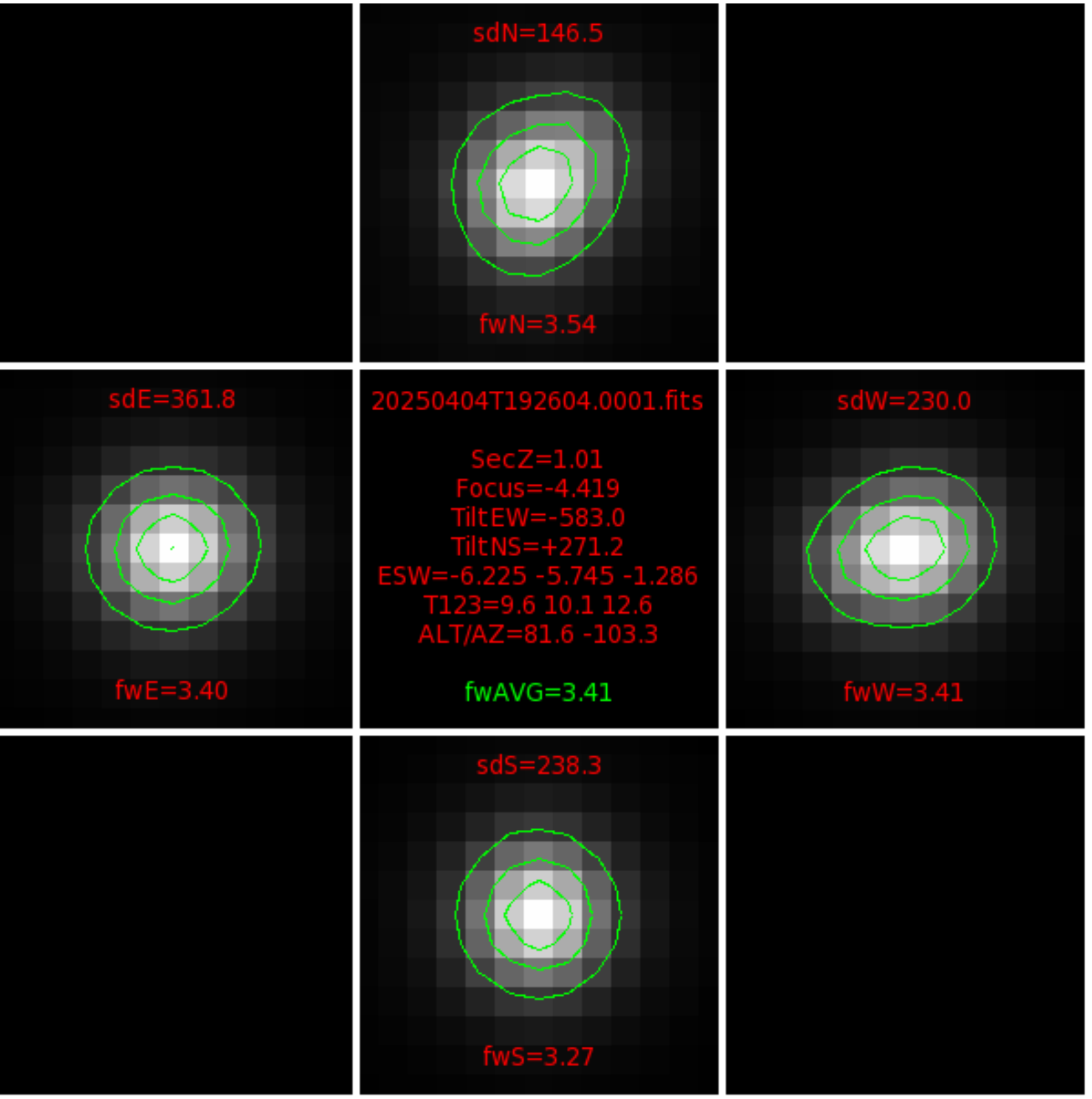
sdN=146.5
fwN=3.54
sdE=361.8
fwE=3.40
20250404T192604.0001.fits
SecZ=1.01
Focus=-4.419
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.225 -5.745 -1.286
T123=9.6 10.1 12.6
ALT/AZ=81.6 -103.3
fwAVG=3.41
sdW=230.0
fwW=3.41
sdS=238.3
fwS=3.27
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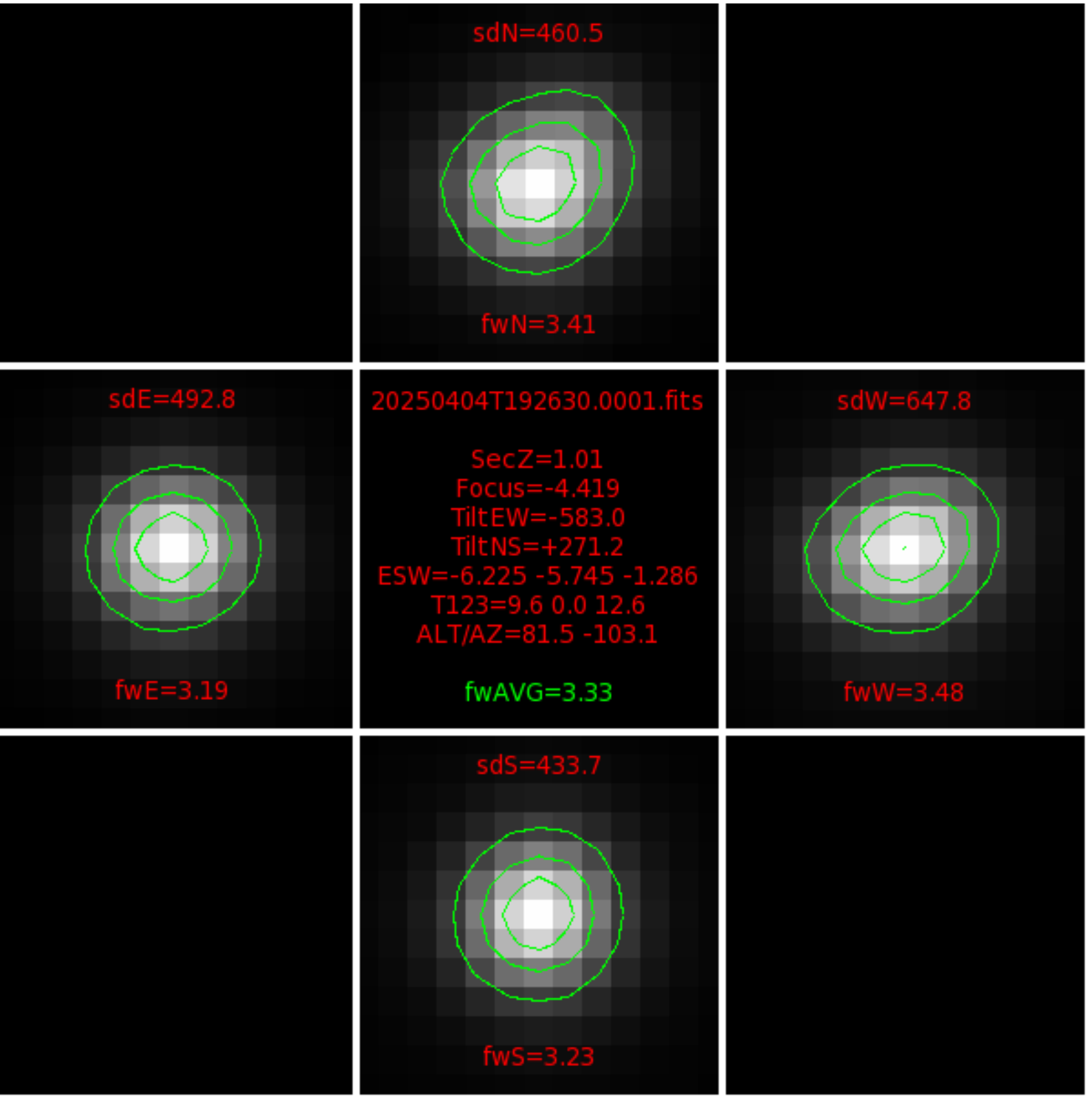
sdN=460.5
fwN=3.41
sdE=492.8
fwE=3.19
20250404T192630.0001.fits
SecZ=1.01
Focus=-4.419
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.225 -5.745 -1.286
T123=9.6 0.0 12.6
ALT/AZ=81.5 -103.1
fwAVG=3.33
sdW=647.8
fwW=3.48
sdS=433.7
fwS=3.23
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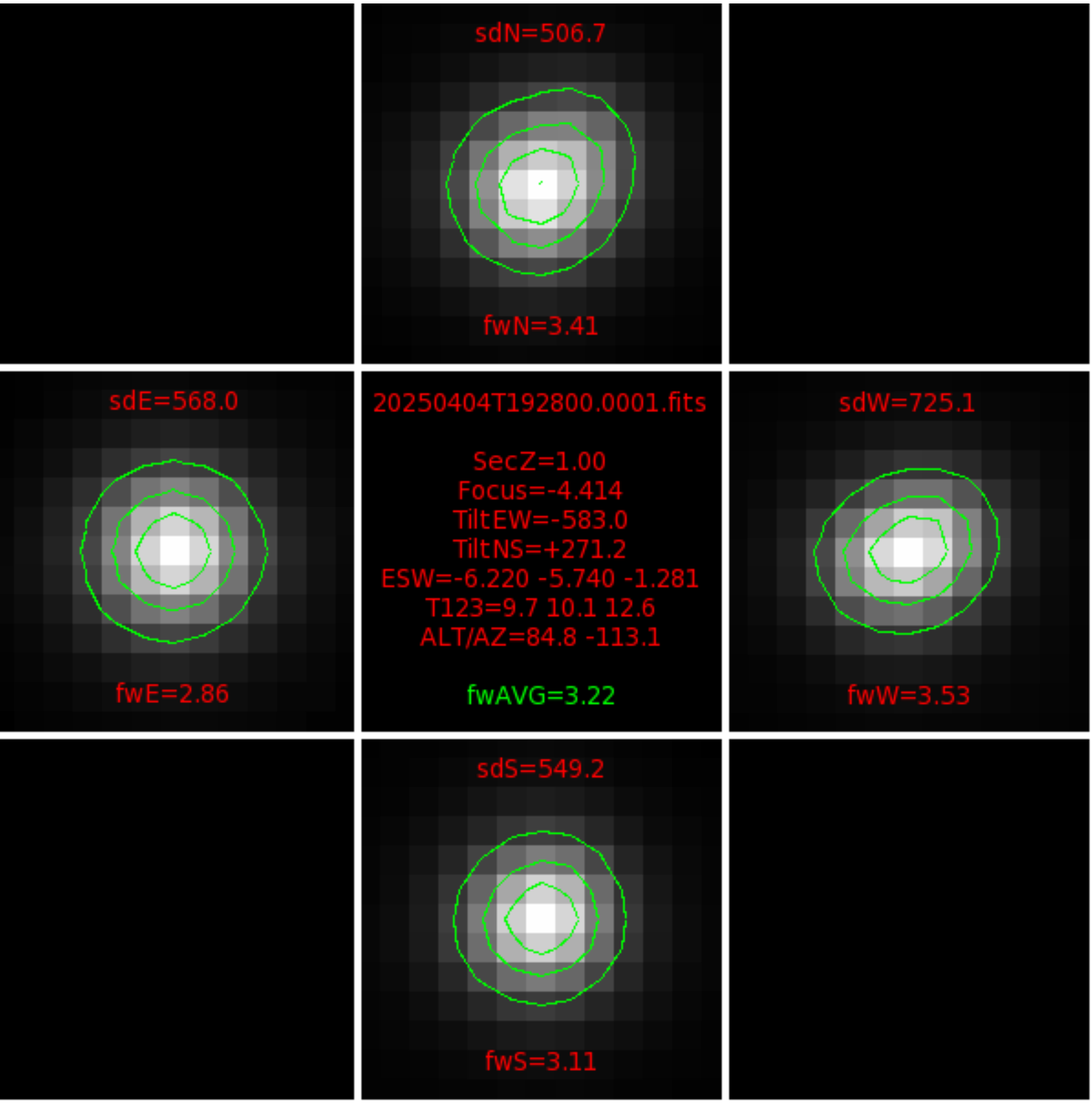
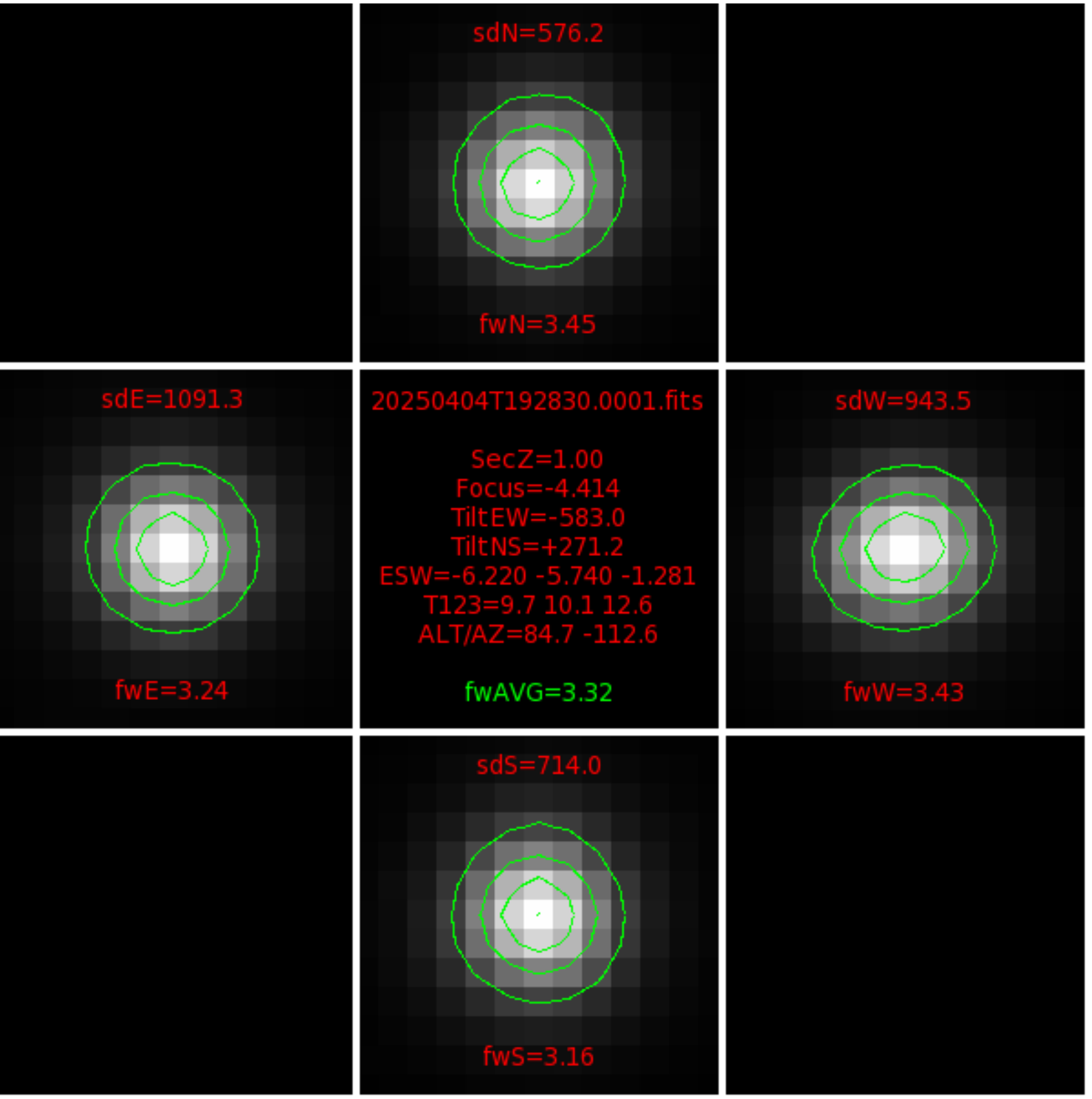

sdN=506.7
fwN=3.41
sdE=568.0
fwE=2.86
20250404T192800.0001.fits
SecZ=1.00
Focus=-4.414
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.220 -5.740 -1.281
T123=9.7 10.1 12.6
ALT/AZ=84.8 -113.1
fwAVG=3.22
sdW=725.1
fwW=3.53
sdS=549.2
fwS=3.11
0 0 0 0 0 0 0 0 0


sdN=576.2
fwN=3.45
sdE=1091.3
fwE=3.24
20250404T192830.0001.fits
SecZ=1.00
Focus=-4.414
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.220 -5.740 -1.281
T123=9.7 10.1 12.6
ALT/AZ=84.7 -112.6
fwAVG=3.32
sdW=943.5
fwW=3.43
sdS=714.0
fwS=3.16
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