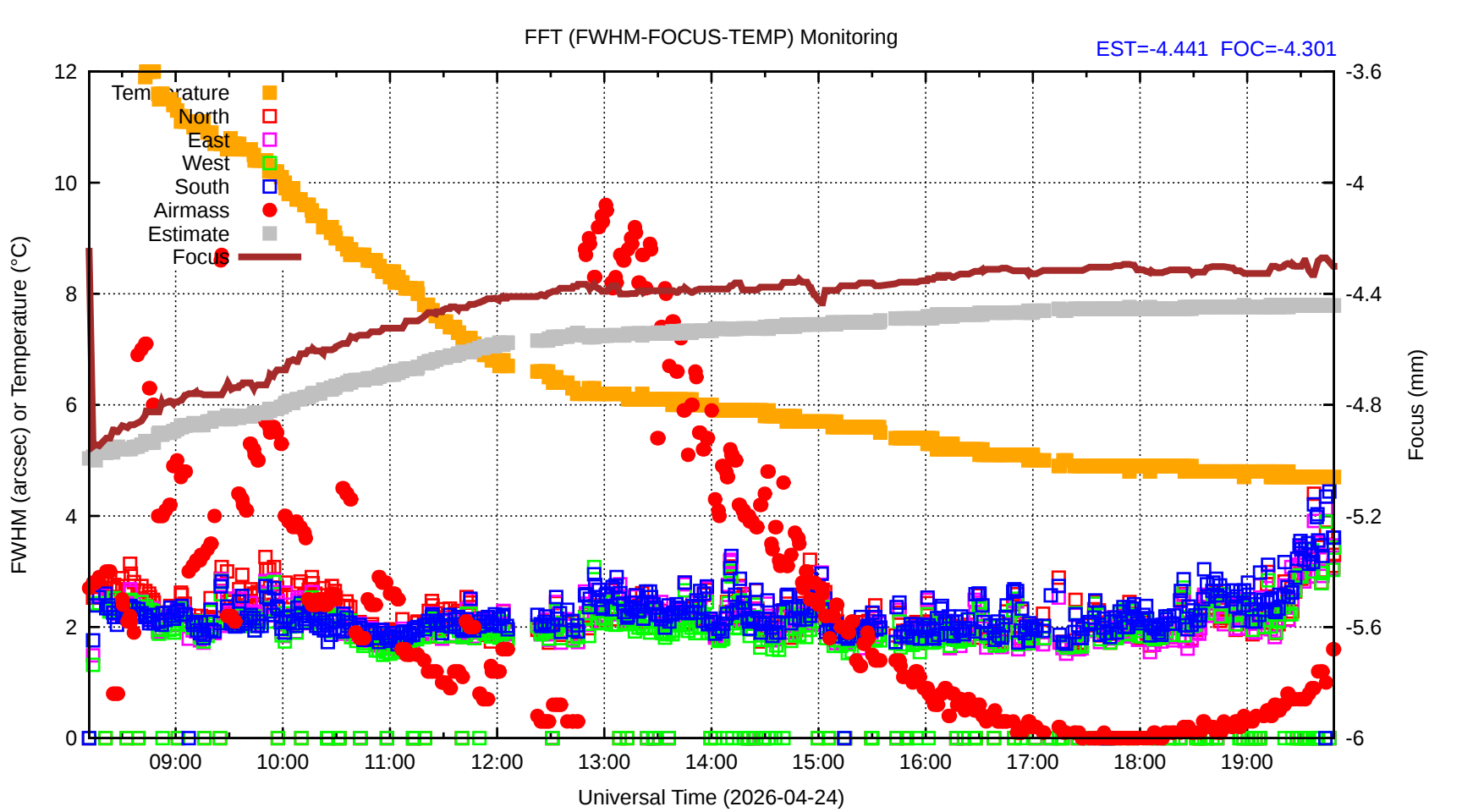
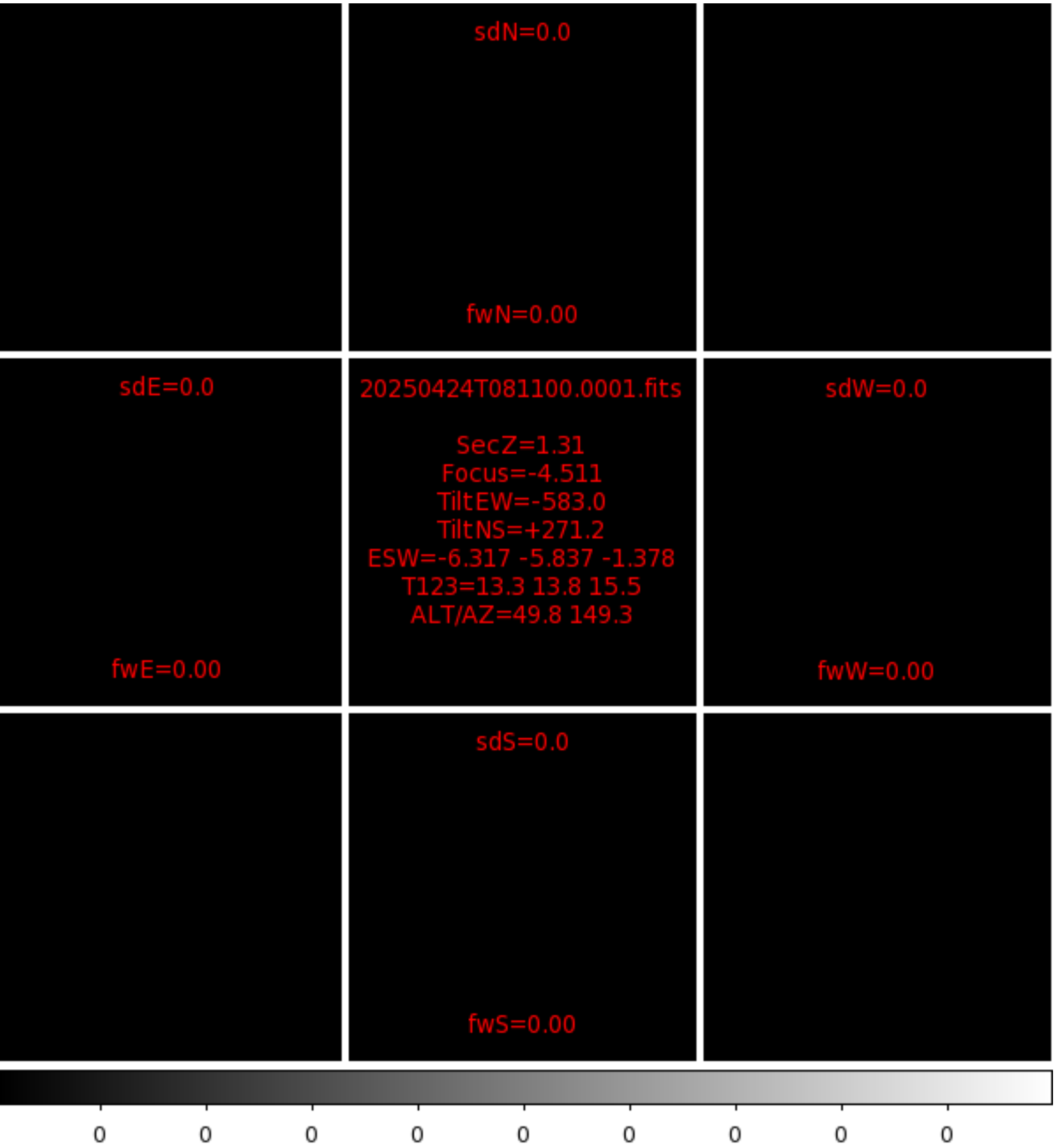

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-4.441 FOC=-4.301
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2026-04-24)
12
10
8
6
4
2
0
-3.6
-4
-4.4
-4.8
-5.2
-5.6
-6
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00


sdN=0.0
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sdE=0.0
fwE=0.00
20250424T081100.0001.fits
SecZ=1.31
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.317 -5.837 -1.378
T123=13.3 13.8 15.5
ALT/AZ=49.8 149.3
sdW=0.0
fwW=0.00
sdS=0.0
fwS=0.00
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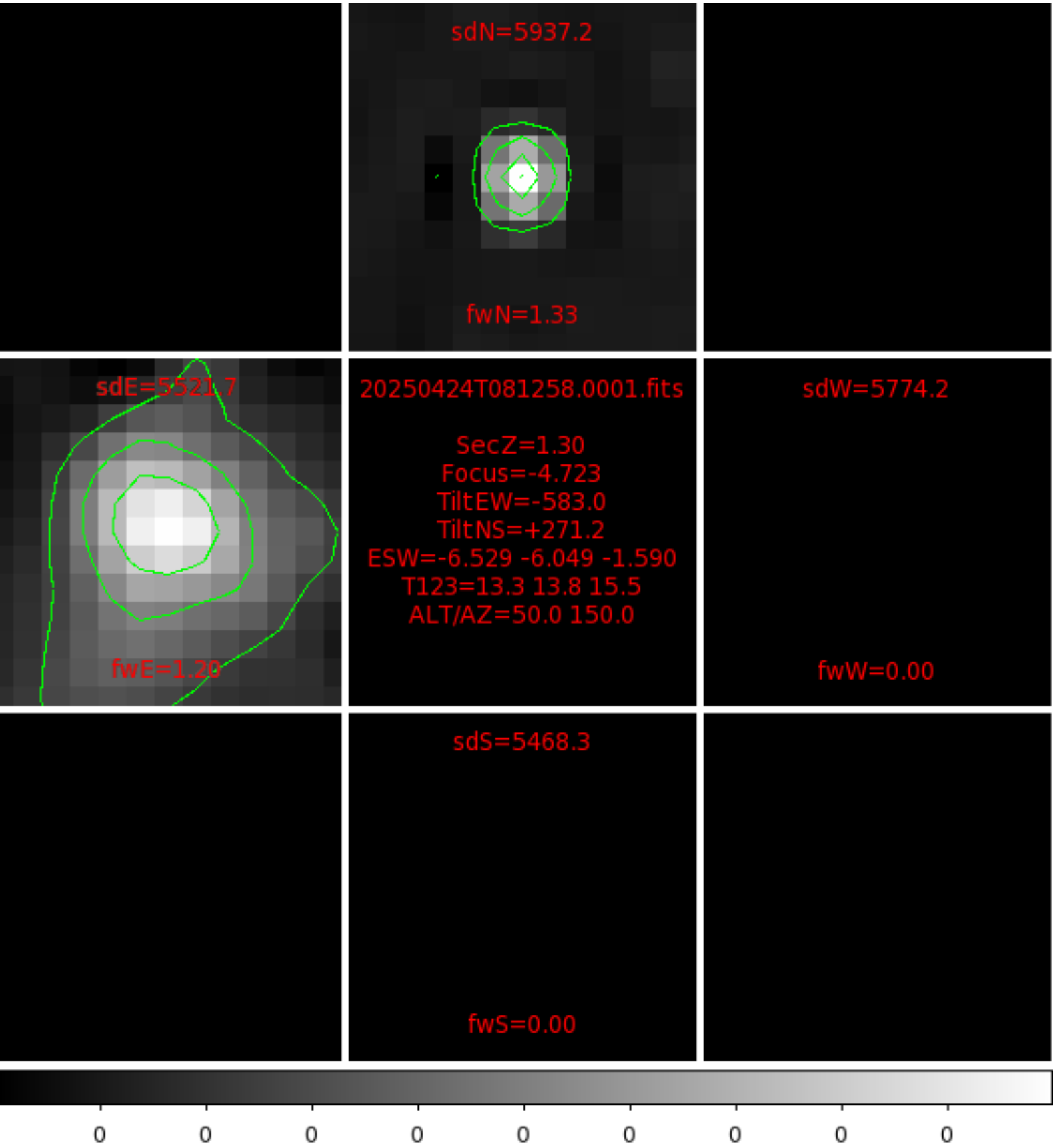
sdN=5937.2
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sdE=5521.7
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20250424T081258.0001.fits
SecZ=1.30
Focus=-4.723
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.529 -6.049 -1.590
T123=13.3 13.8 15.5
ALT/AZ=50.0 150.0
sdW=5774.2
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sdS=5468.3
fwS=0.00
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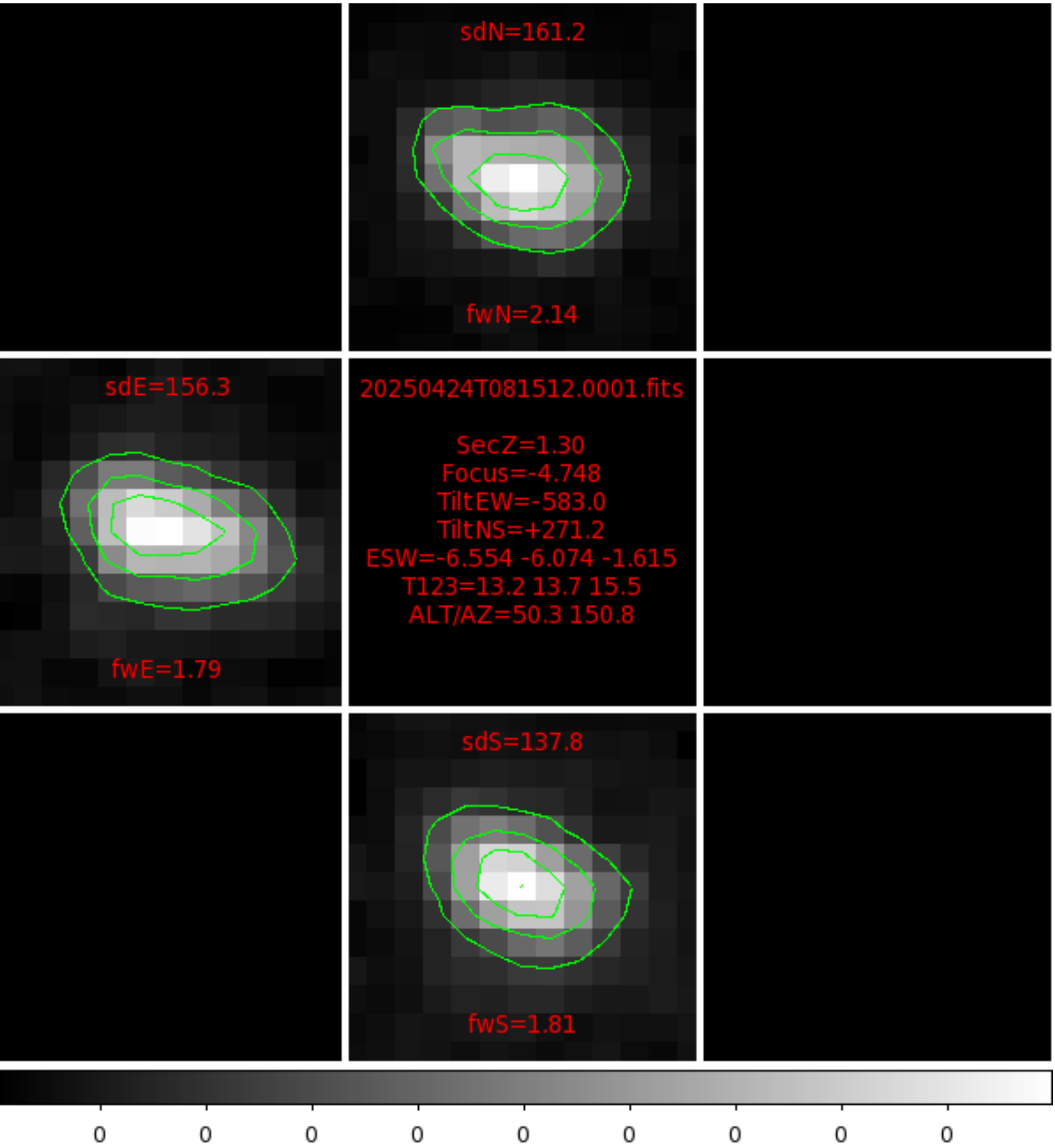
sdN=161.2
fwN=2.14
sdE=156.3
fwE=1.79
20250424T081512.0001.fits
SecZ=1.30
Focus=-4.748
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.554 -6.074 -1.615
T123=13.2 13.7 15.5
ALT/AZ=50.3 150.8
sdS=137.8
fwS=1.81
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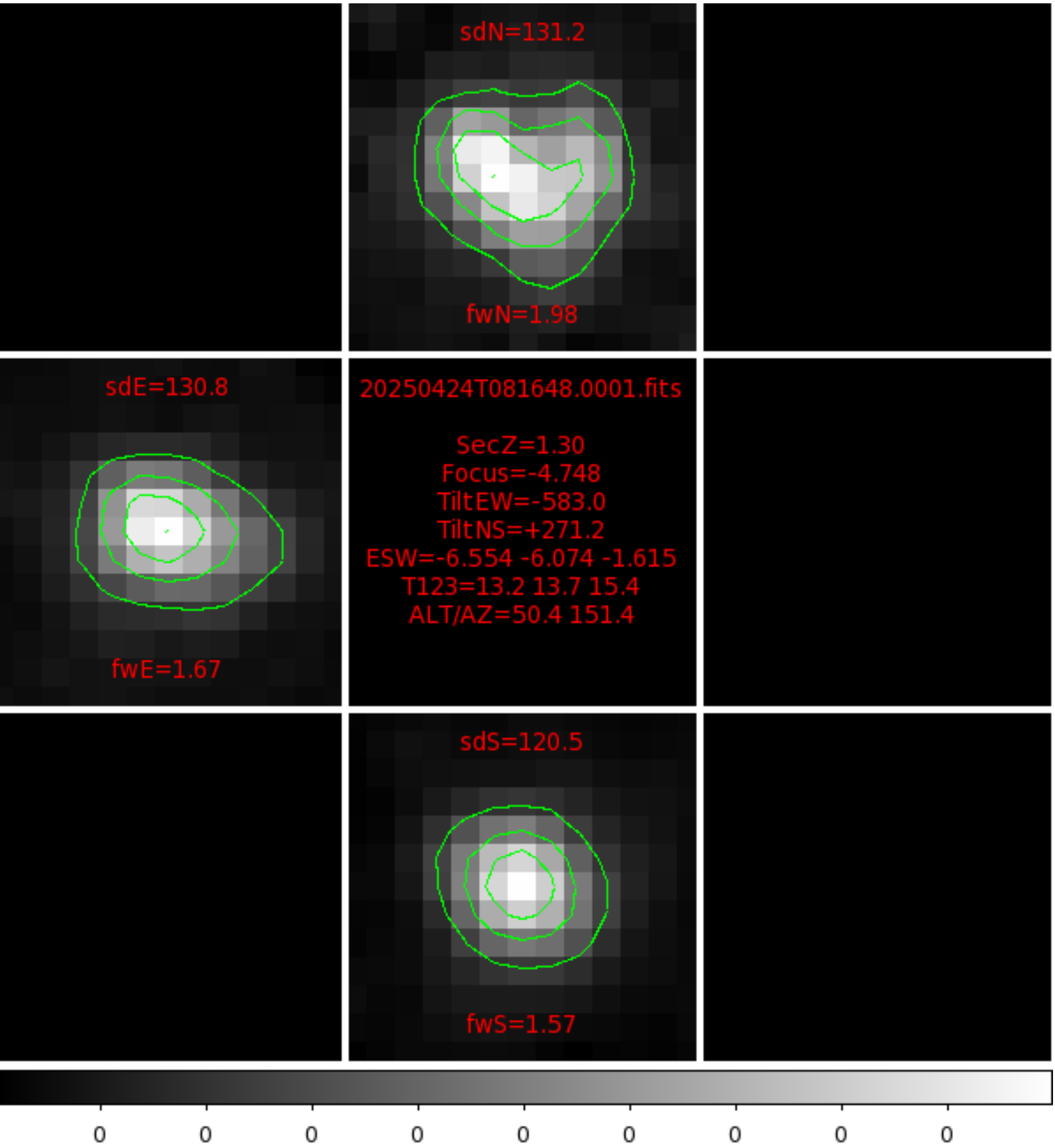
sdN=131.2
fwN=1.98
sdE=130.8
fwE=1.67
20250424T081648.0001.fits
SecZ=1.30
Focus=-4.748
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.554 -6.074 -1.615
T123=13.2 13.7 15.4
ALT/AZ=50.4 151.4
sdS=120.5
fwS=1.57
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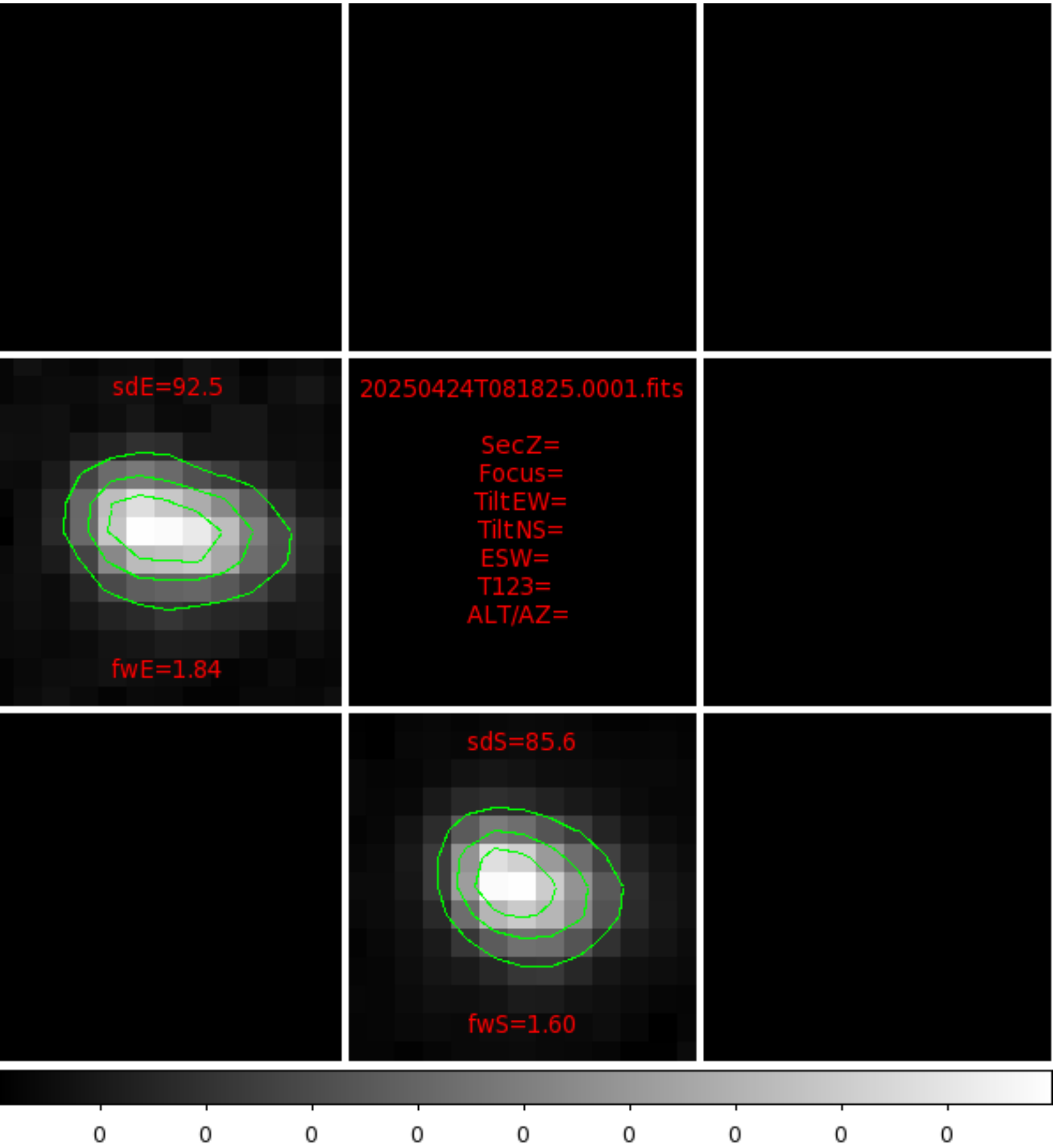
sdE=92.5
fwE=1.84
20250424T081825.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=85.6
fwS=1.60
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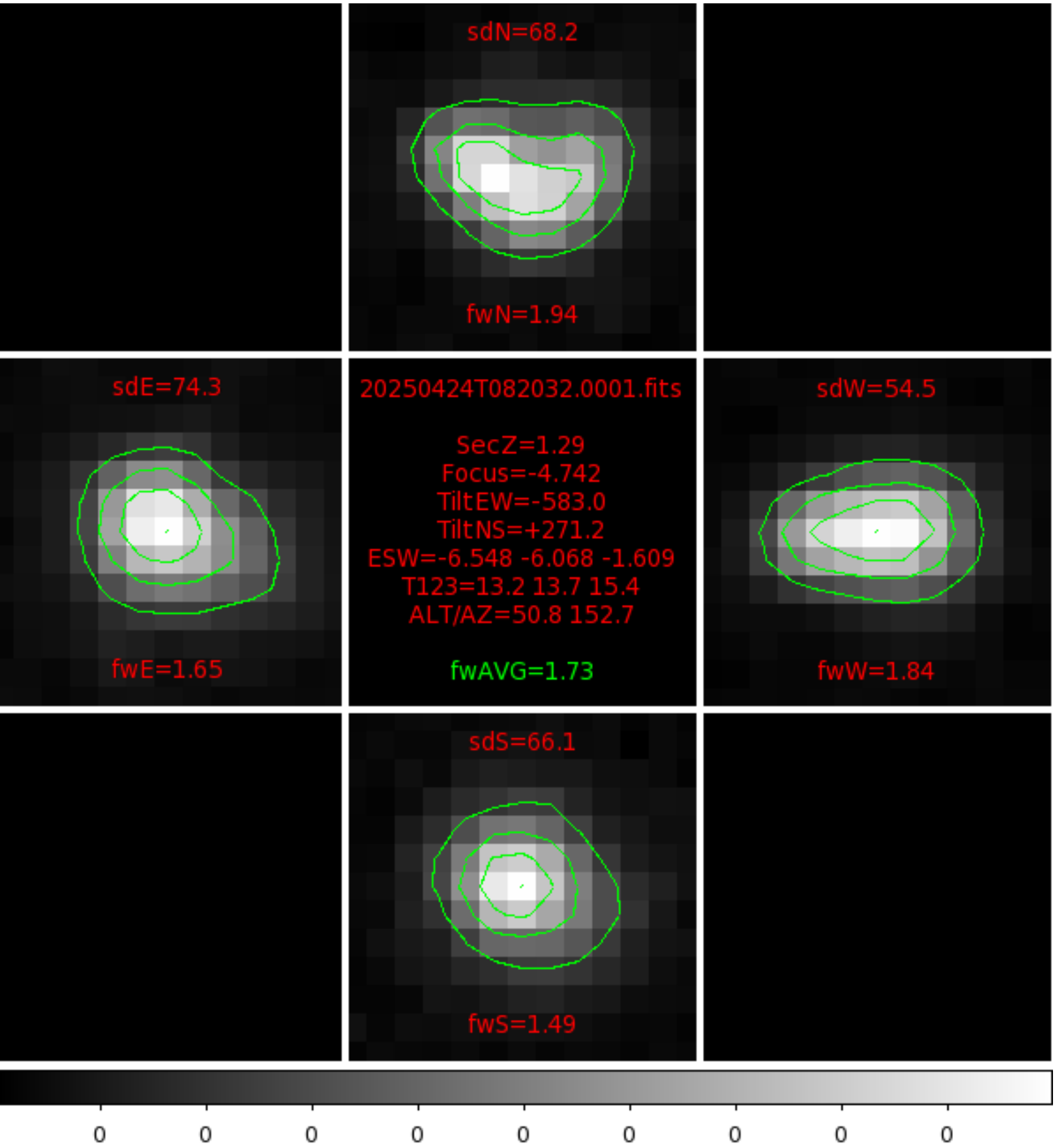
sdN=68.2
fwN=1.94
sdE=74.3
fwE=1.65
20250424T082032.0001.fits
SecZ=1.29
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.2 13.7 15.4
ALT/AZ=50.8 152.7
fwAVG=1.73
sdW=54.5
fwW=1.84
sdS=66.1
fwS=1.49
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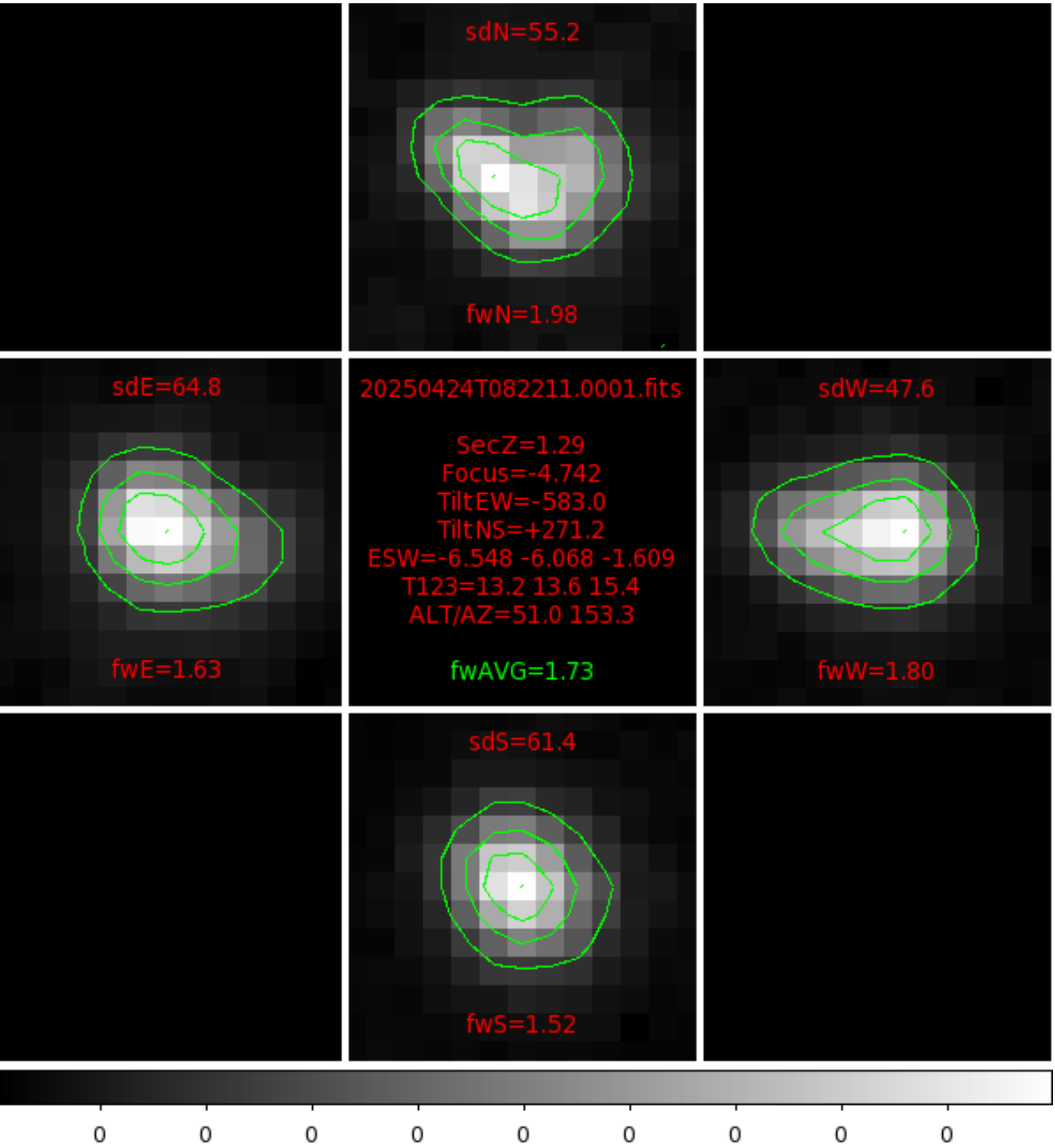
sdN=55.2
fwN=1.98
sdE=64.8
fwE=1.63
20250424T082211.0001.fits
SecZ=1.29
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.2 13.6 15.4
ALT/AZ=51.0 153.3
fwAVG=1.73
sdW=47.6
fwW=1.80
sdS=61.4
fwS=1.52
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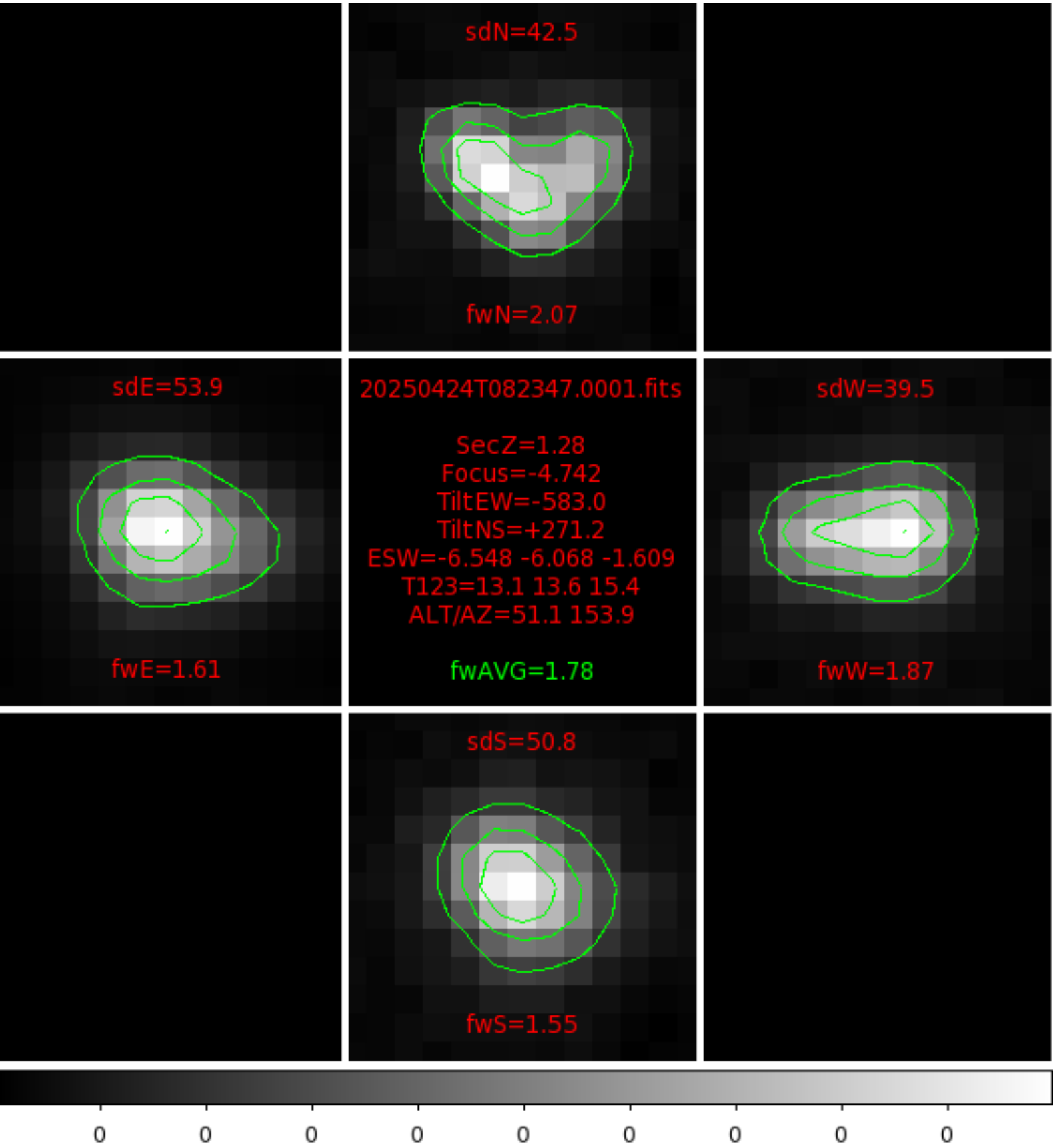
sdN=42.5
fwN=2.07
sdE=53.9
fwE=1.61
20250424T082347.0001.fits
SecZ=1.28
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.1 13.6 15.4
ALT/AZ=51.1 153.9
fwAVG=1.78
sdW=39.5
fwW=1.87
sdS=50.8
fwS=1.55
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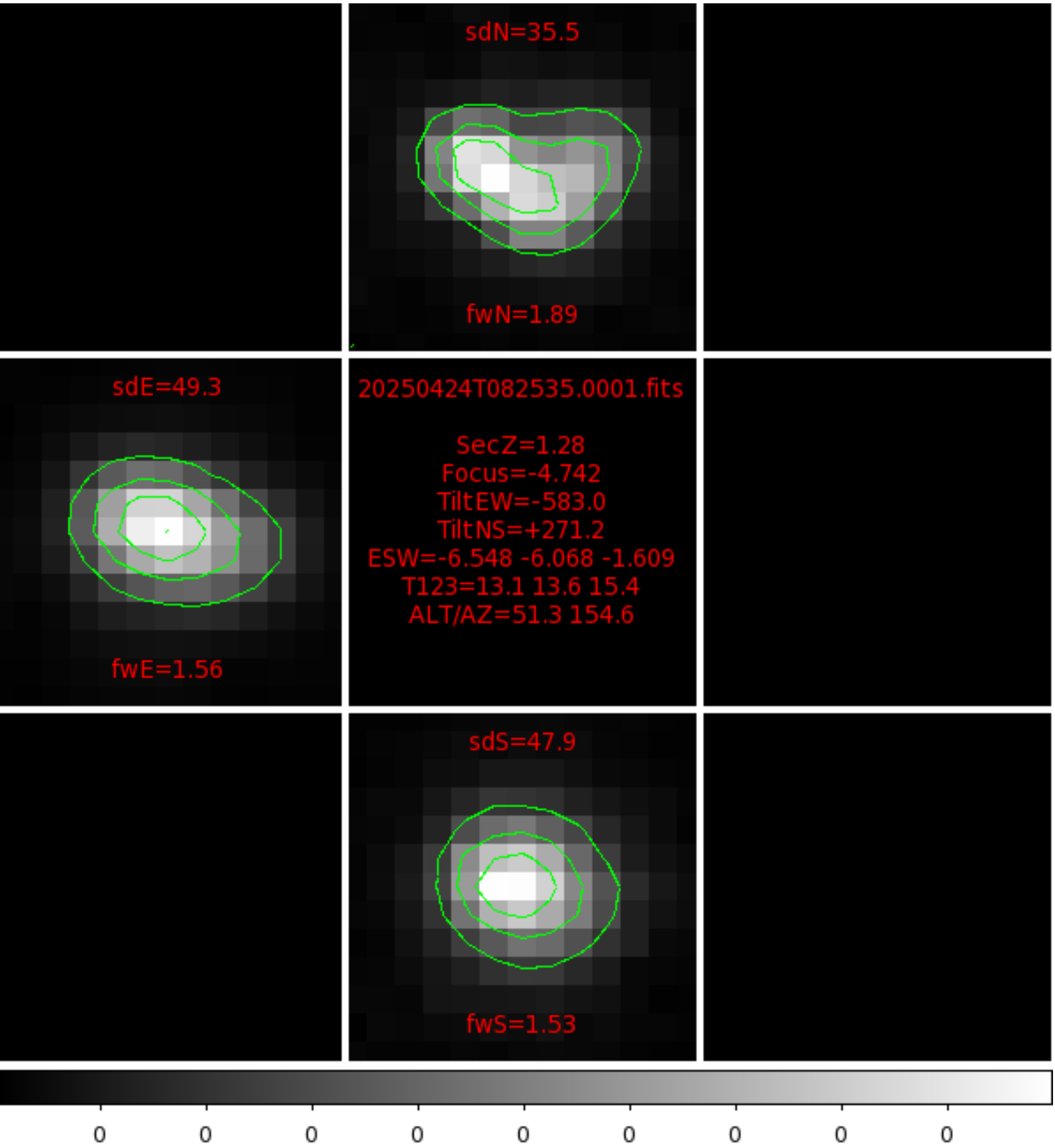
sdN=35.5
fwN=1.89
sdE=49.3
fwE=1.56
20250424T082535.0001.fits
SecZ=1.28
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.1 13.6 15.4
ALT/AZ=51.3 154.6
sdS=47.9
fwS=1.53
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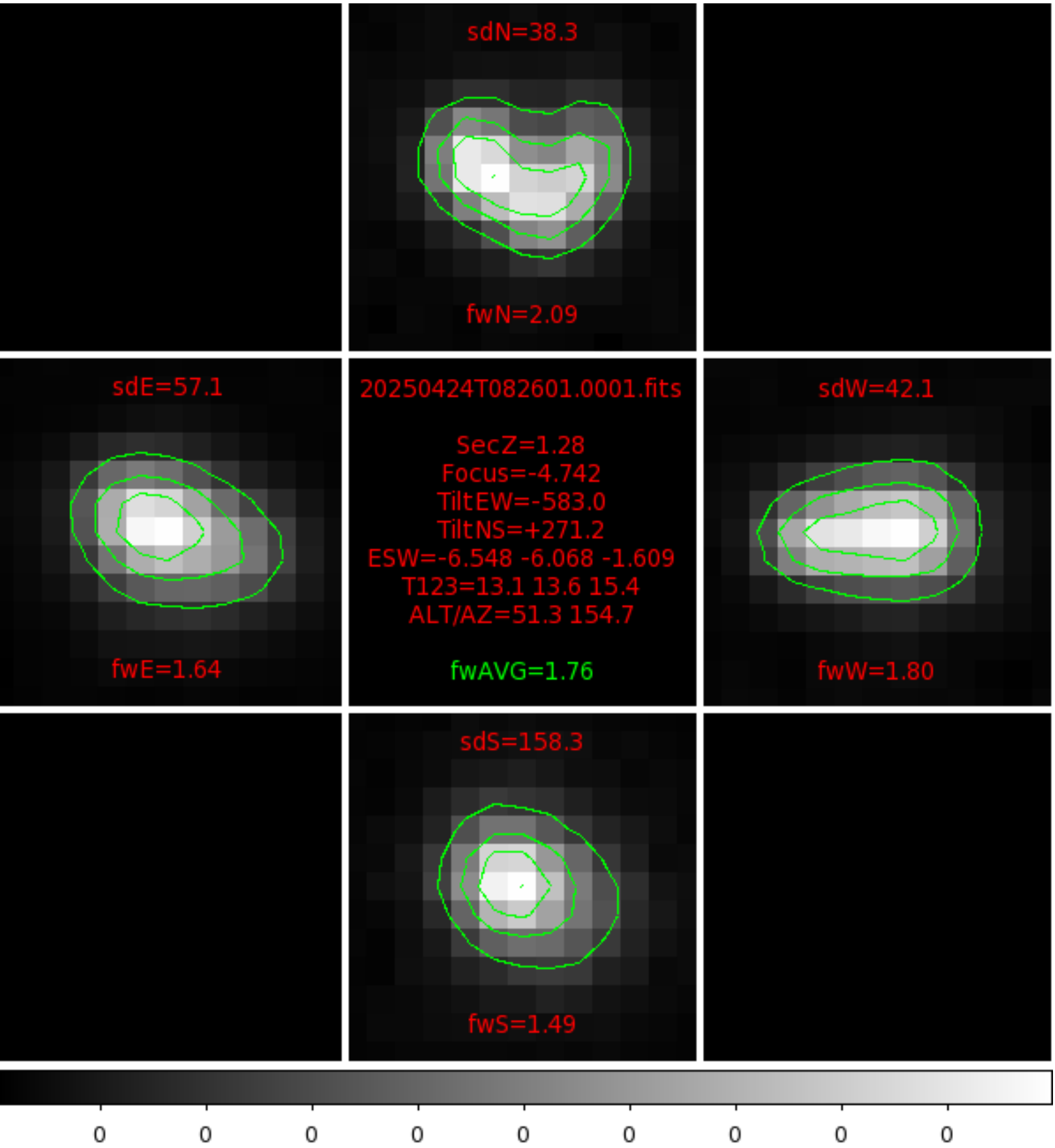
sdN=38.3
fwN=2.09
sdE=57.1
fwE=1.64
20250424T082601.0001.fits
SecZ=1.28
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.1 13.6 15.4
ALT/AZ=51.3 154.7
fwAVG=1.76
sdW=42.1
fwW=1.80
sdS=158.3
fwS=1.49
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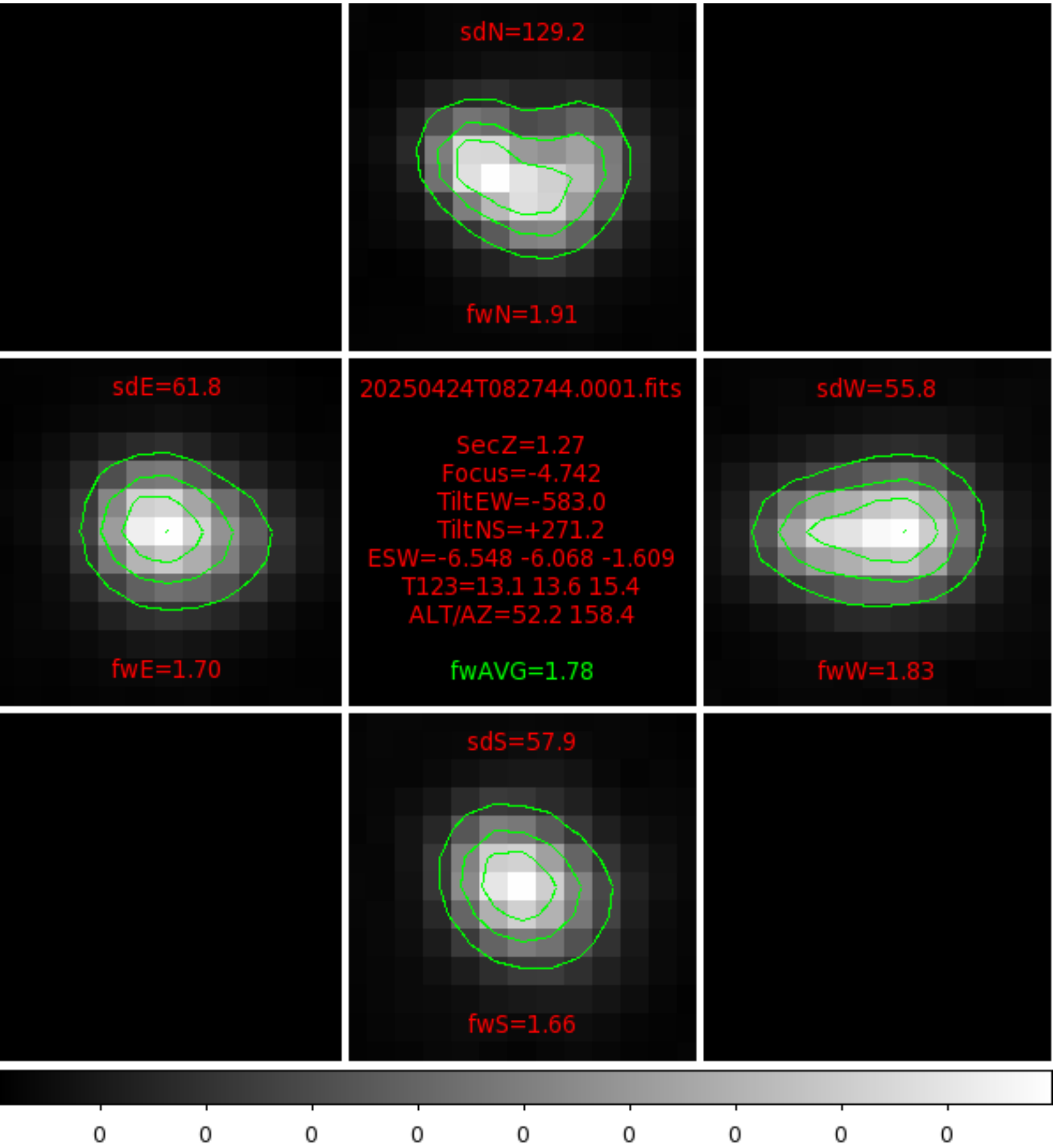
sdN=129.2
fwN=1.91
sdE=61.8
fwE=1.70
20250424T082744.0001.fits
SecZ=1.27
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.1 13.6 15.4
ALT/AZ=52.2 158.4
fwAVG=1.78
sdW=55.8
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sdS=57.9
fwS=1.66
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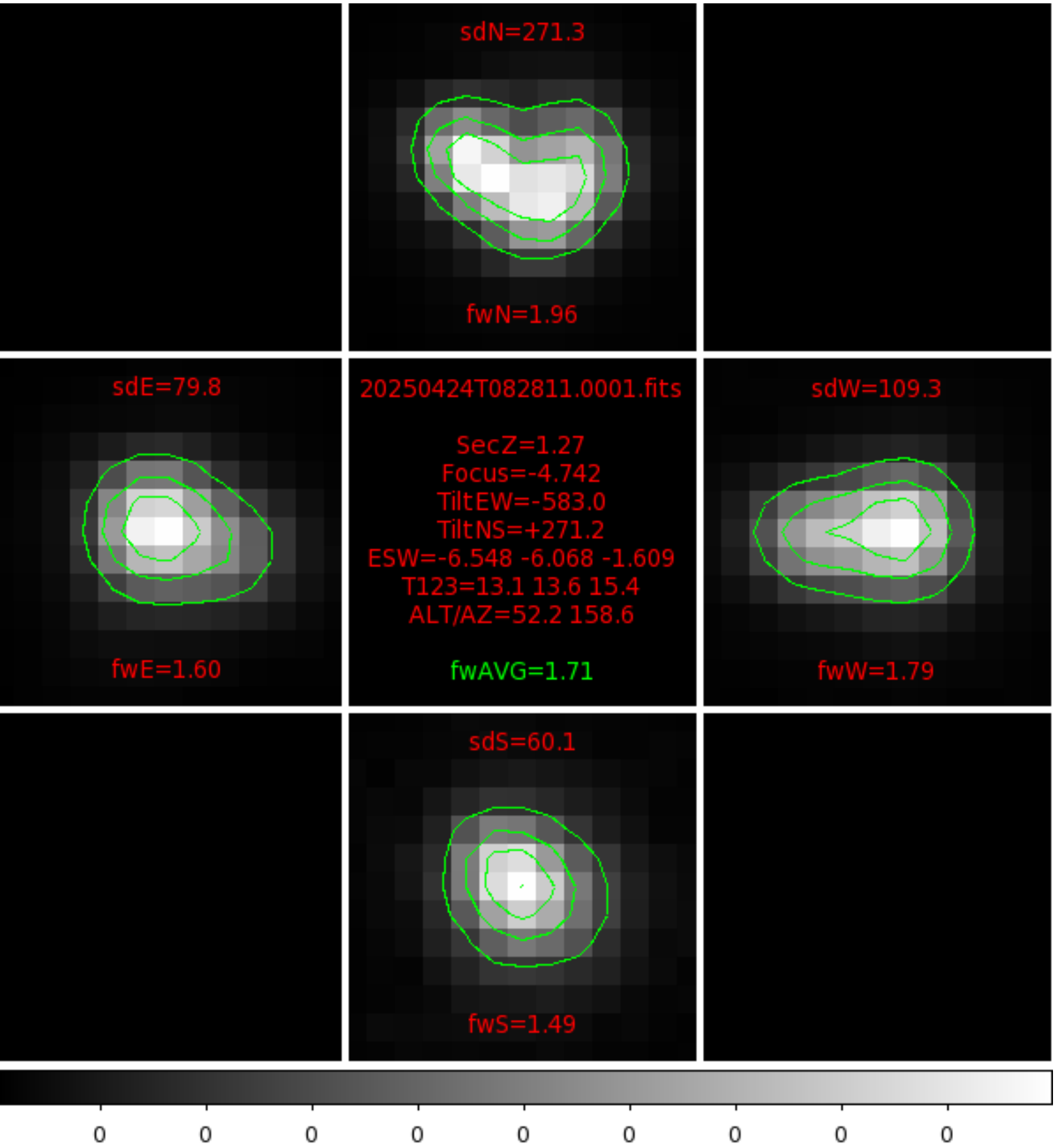
sdN=271.3
fwN=1.96
sdE=79.8
fwE=1.60
20250424T082811.0001.fits
SecZ=1.27
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.1 13.6 15.4
ALT/AZ=52.2 158.6
fwAVG=1.71
sdW=109.3
fwW=1.79
sdS=60.1
fwS=1.49
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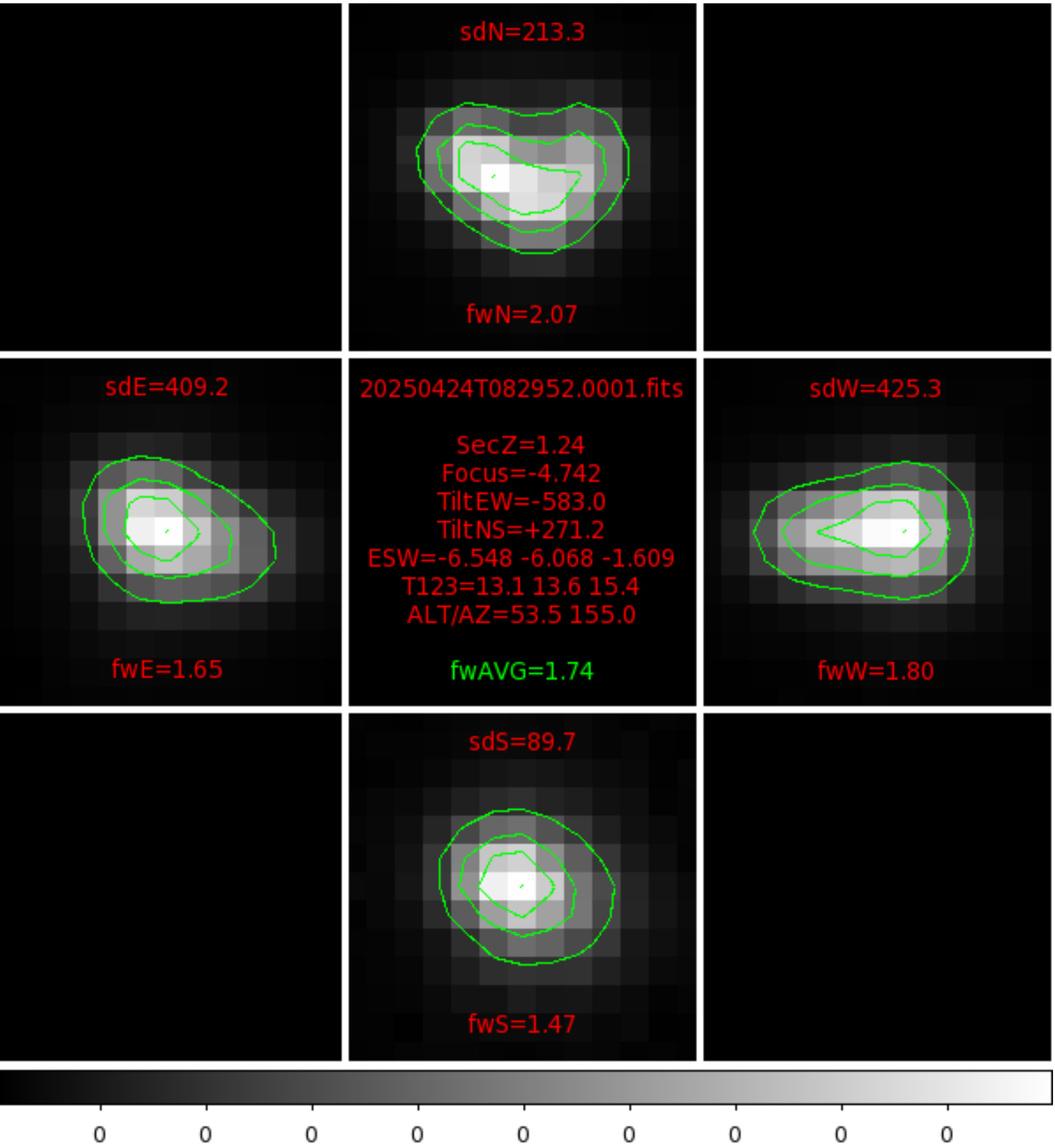
sdN=213.3
fwN=2.07
sdE=409.2
fwE=1.65
20250424T082952.0001.fits
SecZ=1.24
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.1 13.6 15.4
ALT/AZ=53.5 155.0
fwAVG=1.74
sdW=425.3
fwW=1.80
sdS=89.7
fwS=1.47
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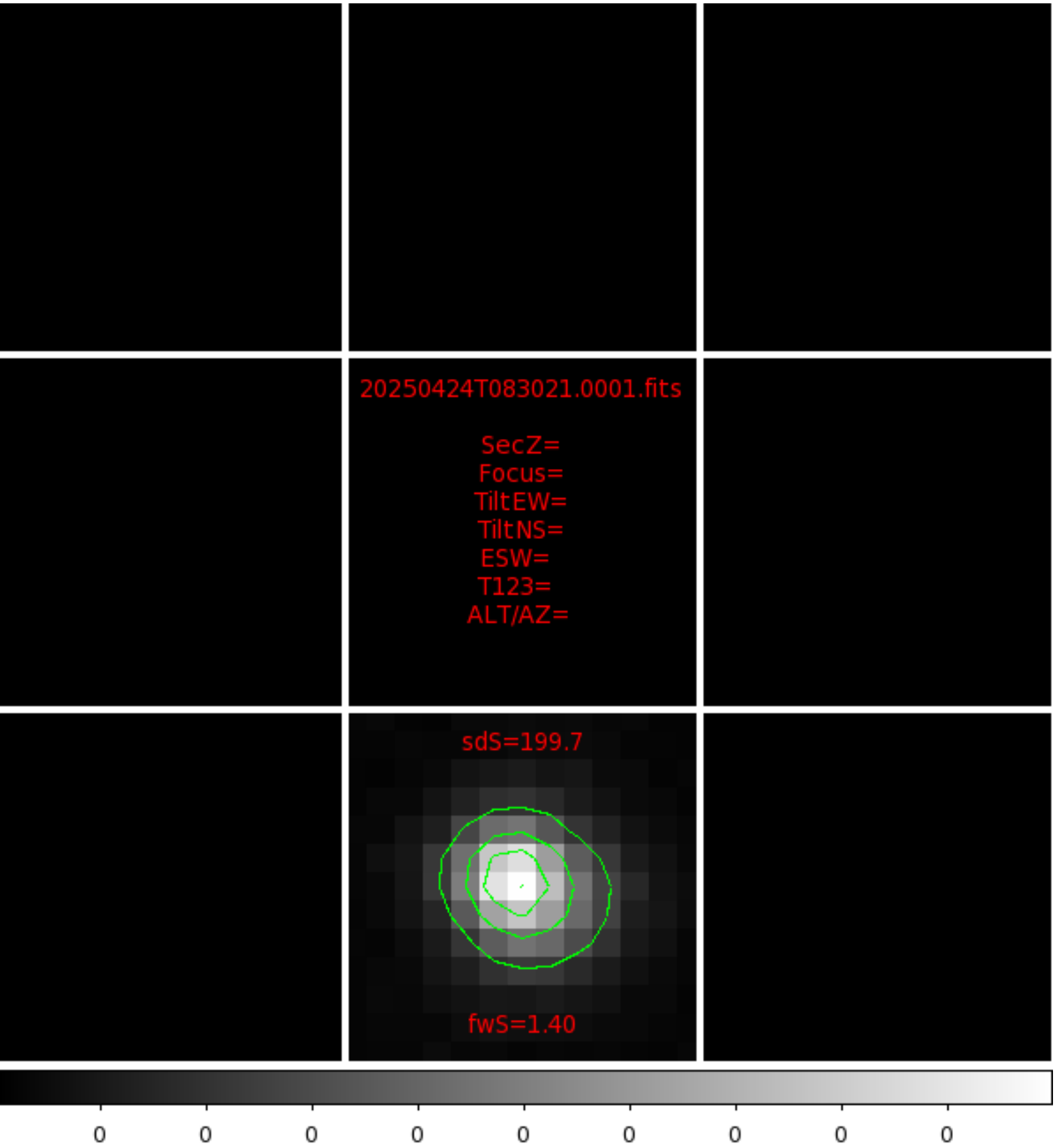
20250424T083021.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=199.7
fwS=1.40
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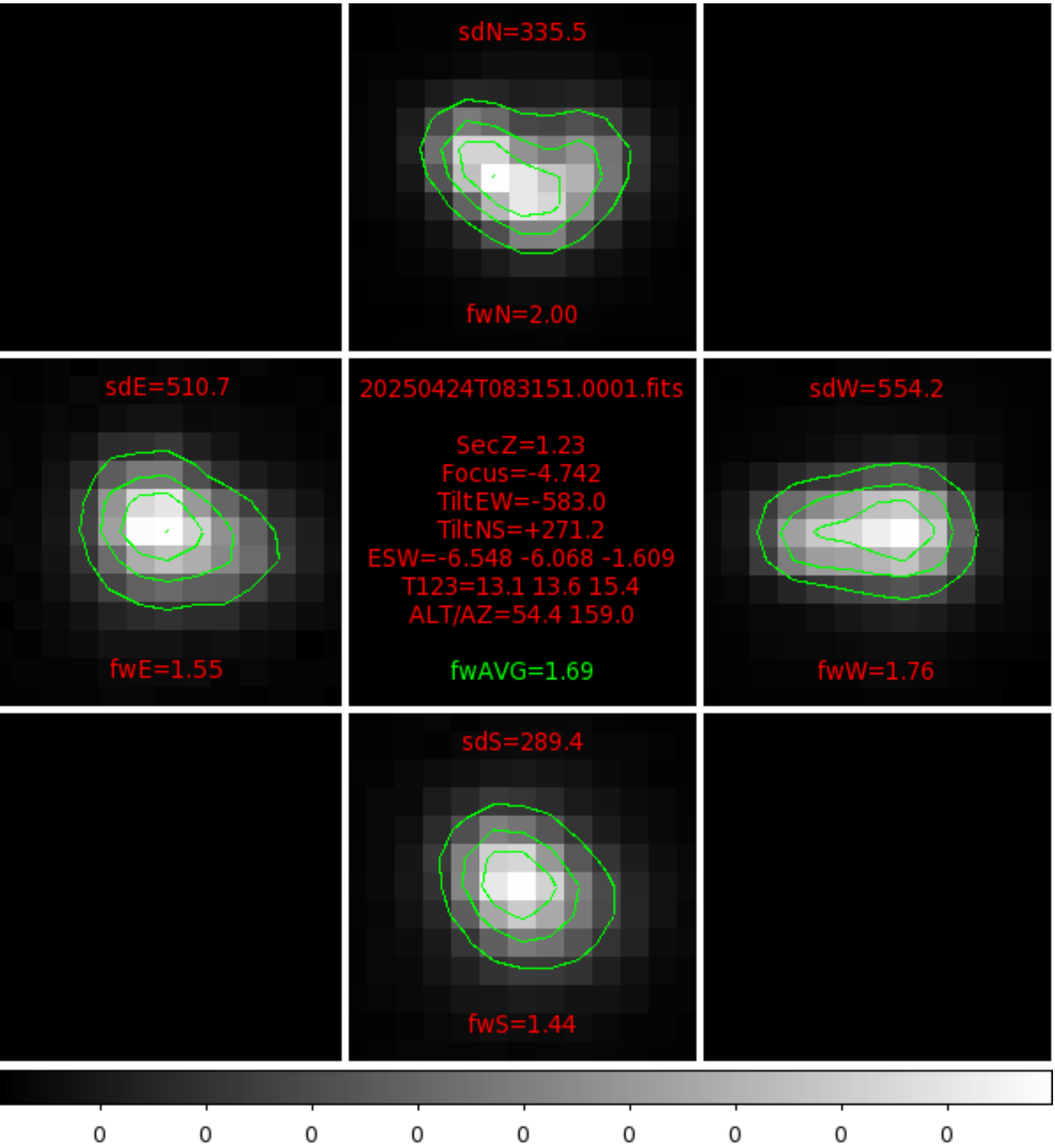
sdN=335.5
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sdE=510.7
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20250424T083151.0001.fits
SecZ=1.23
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.1 13.6 15.4
ALT/AZ=54.4 159.0
fwAVG=1.69
sdW=554.2
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sdS=289.4
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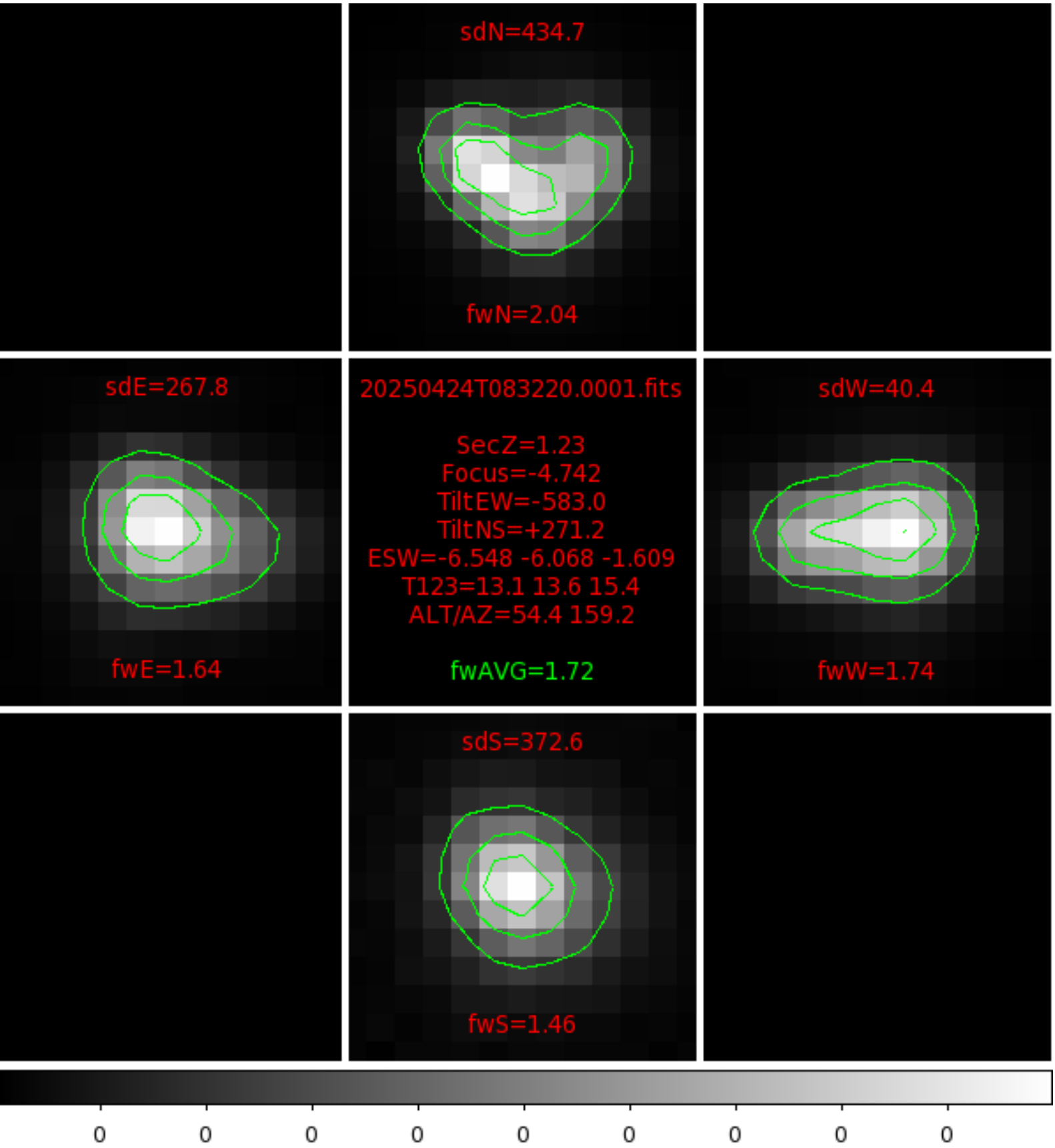
sdN=434.7
fwN=2.04
sdE=267.8
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20250424T083220.0001.fits
SecZ=1.23
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.1 13.6 15.4
ALT/AZ=54.4 159.2
fwAVG=1.72
sdW=40.4
fwW=1.74
sdS=372.6
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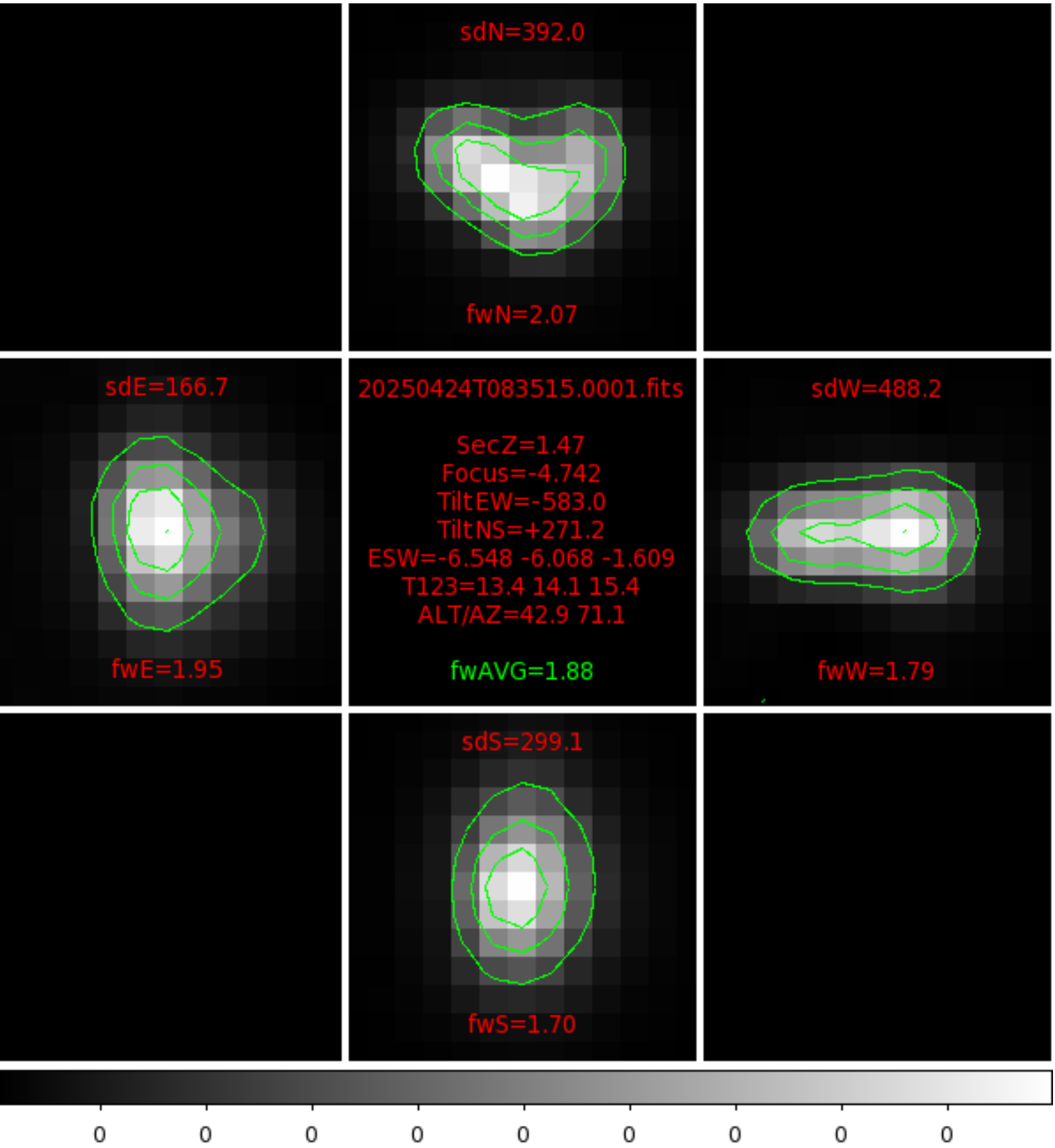
sdN=392.0
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20250424T083515.0001.fits
SecZ=1.47
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.4 14.1 15.4
ALT/AZ=42.9 71.1
fwAVG=1.88
sdW=488.2
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sdS=299.1
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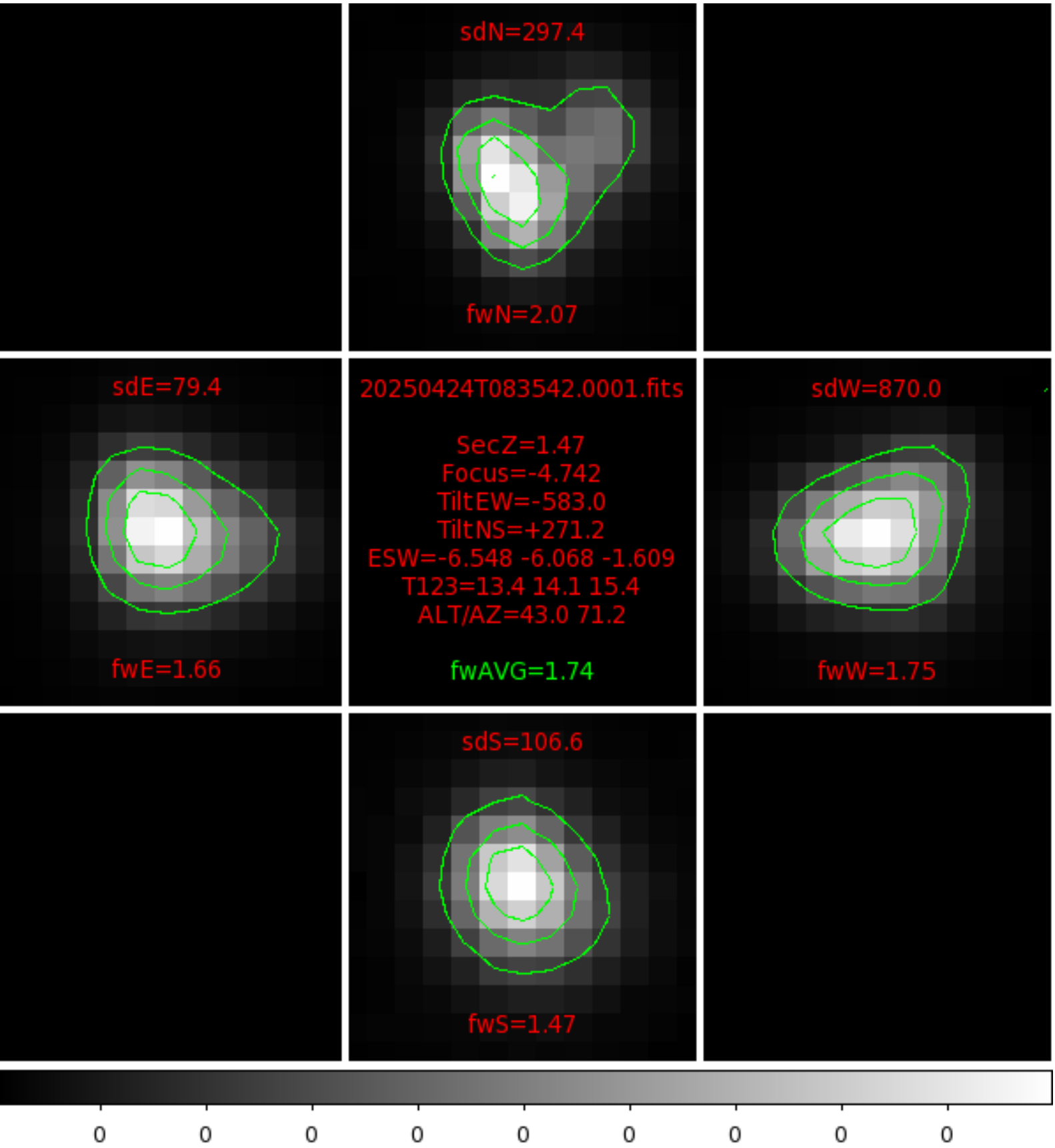
sdN=297.4
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fwE=1.66
20250424T083542.0001.fits
SecZ=1.47
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.4 14.1 15.4
ALT/AZ=43.0 71.2
fwAVG=1.74
sdW=870.0
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sdS=106.6
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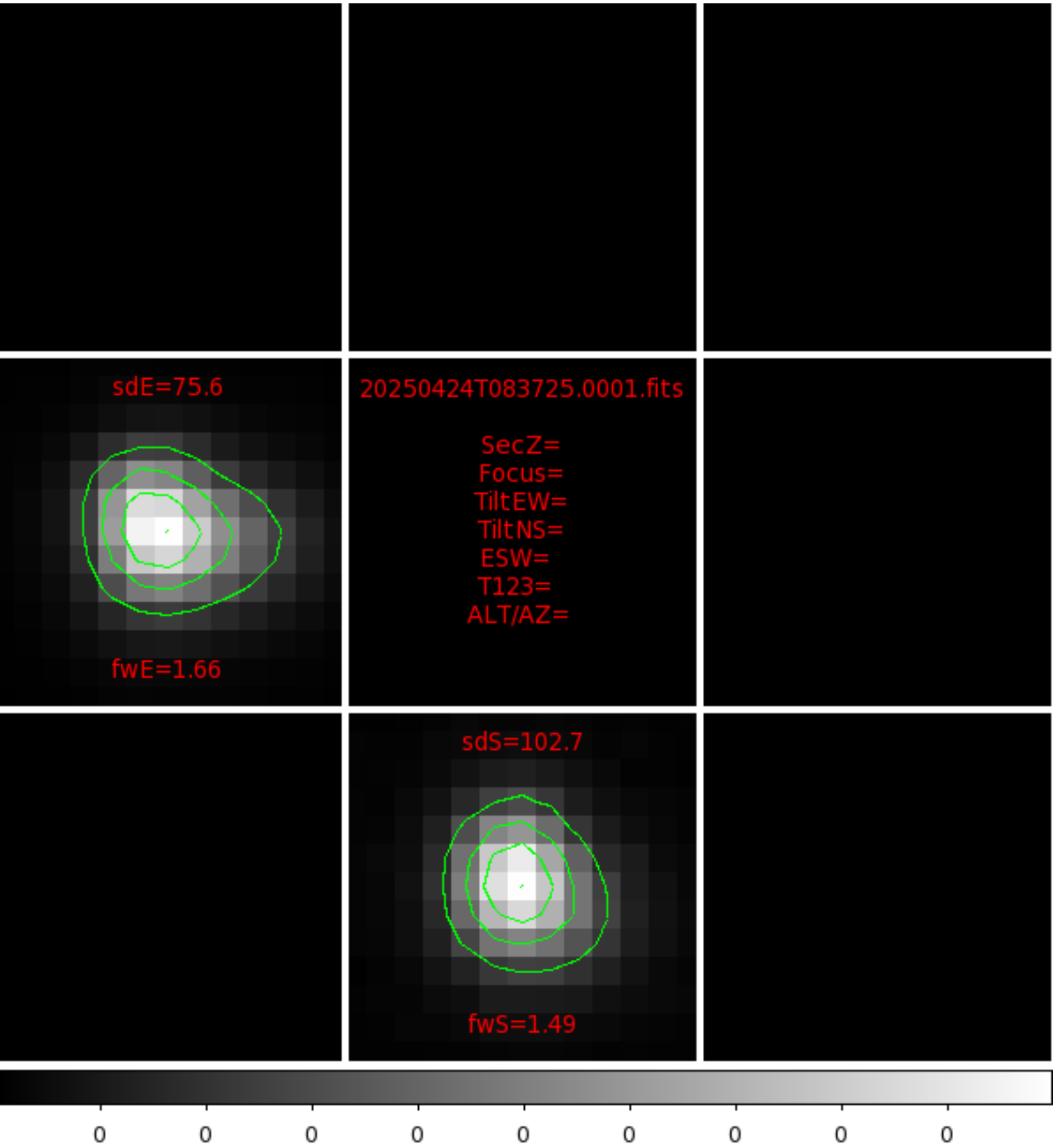
sdE=75.6
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20250424T083725.0001.fits
SecZ=
Focus=
TiltEW=
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T123=
ALT/AZ=
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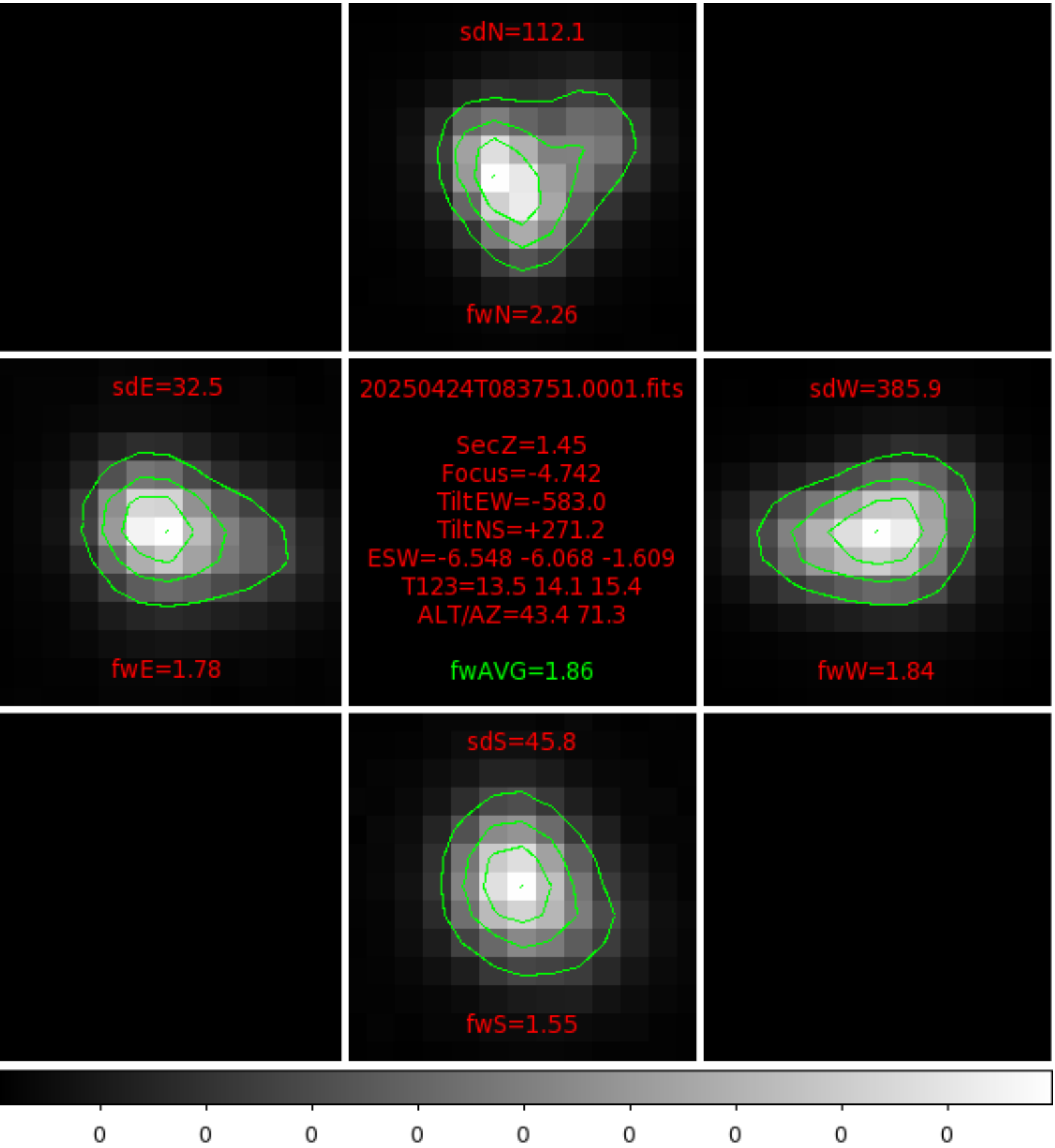
sdN=112.1
fwN=2.26
sdE=32.5
fwE=1.78
20250424T083751.0001.fits
SecZ=1.45
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.5 14.1 15.4
ALT/AZ=43.4 71.3
fwAVG=1.86
sdW=385.9
fwW=1.84
sdS=45.8
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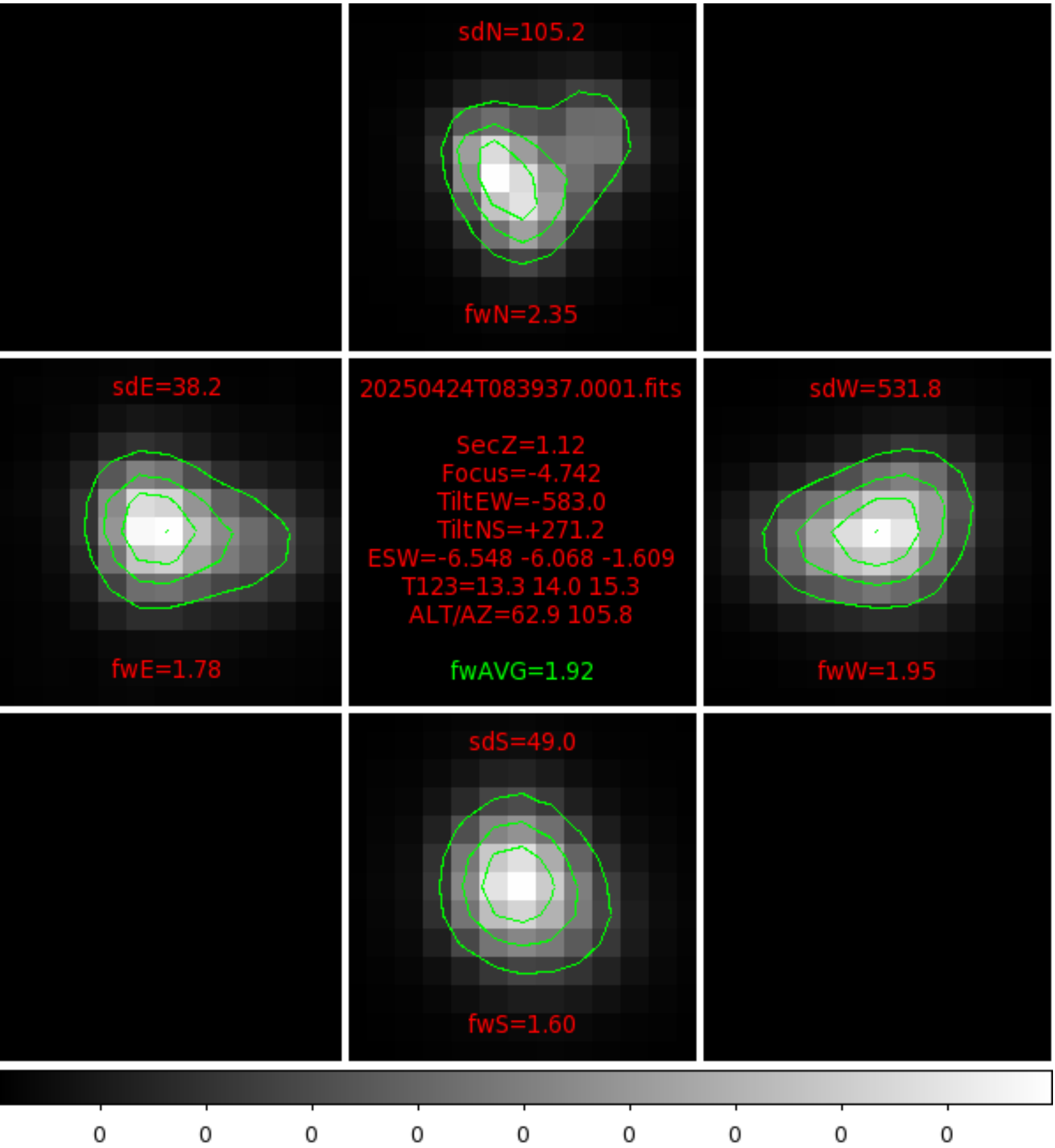
sdN=105.2
fwN=2.35
sdE=38.2
fwE=1.78
20250424T083937.0001.fits
SecZ=1.12
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.3 14.0 15.3
ALT/AZ=62.9 105.8
fwAVG=1.92
sdW=531.8
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sdS=49.0
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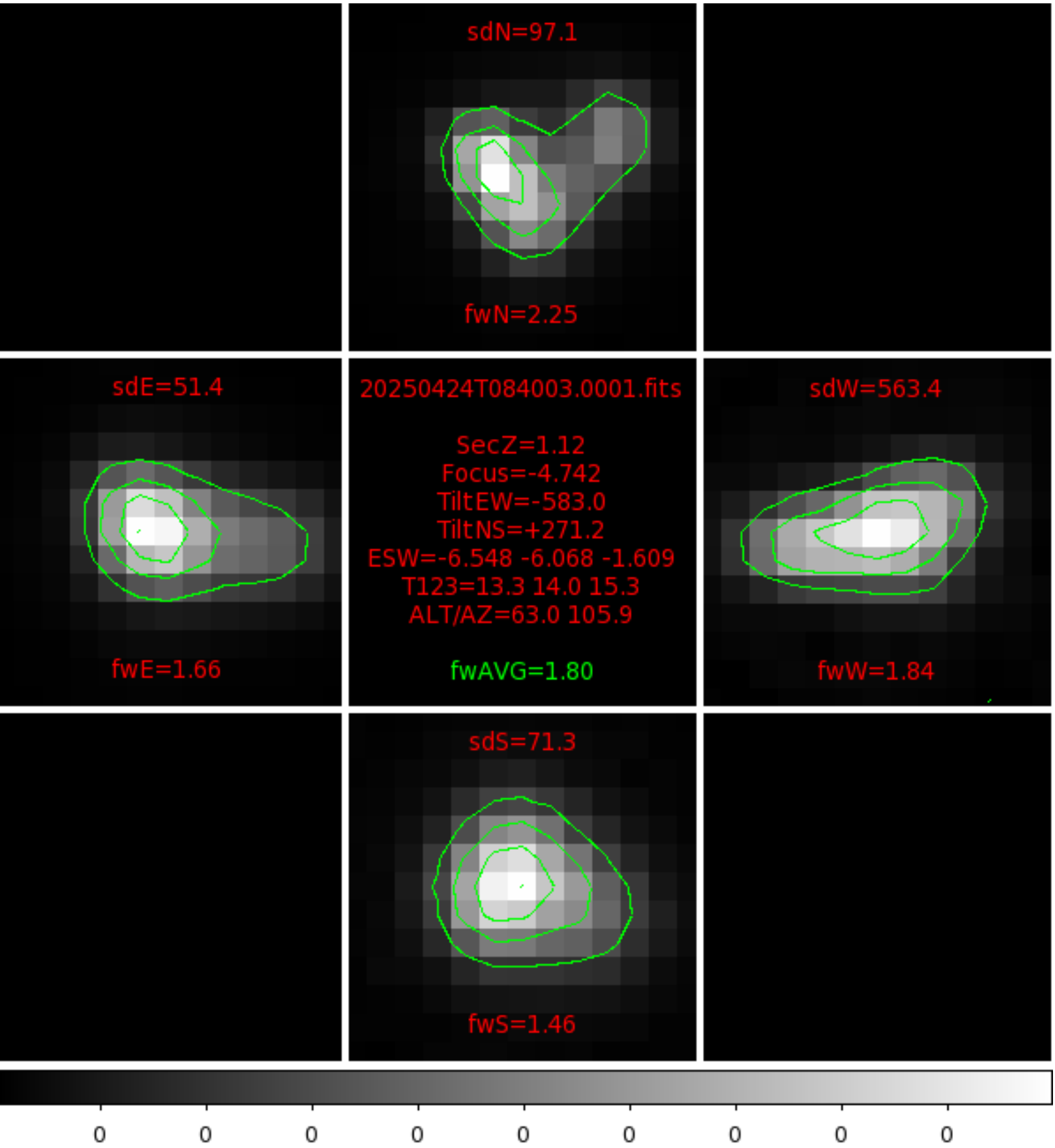
sdN=97.1
fwN=2.25
sdE=51.4
fwE=1.66
20250424T084003.0001.fits
SecZ=1.12
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.3 14.0 15.3
ALT/AZ=63.0 105.9
fwAVG=1.80
sdW=563.4
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sdS=71.3
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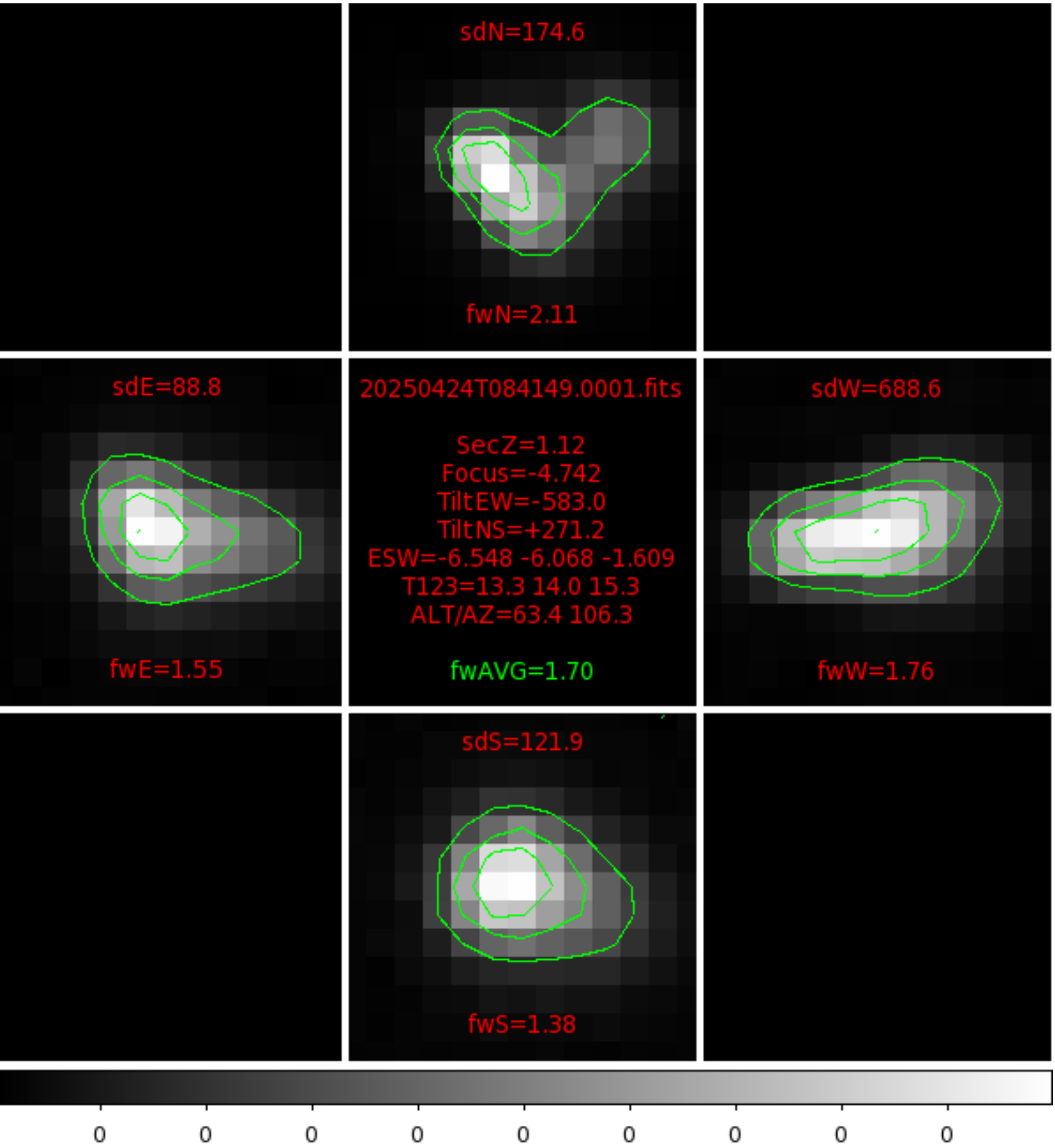
sdN=174.6
fwN=2.11
sdE=88.8
fwE=1.55
20250424T084149.0001.fits
SecZ=1.12
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.3 14.0 15.3
ALT/AZ=63.4 106.3
fwAVG=1.70
sdW=688.6
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sdS=121.9
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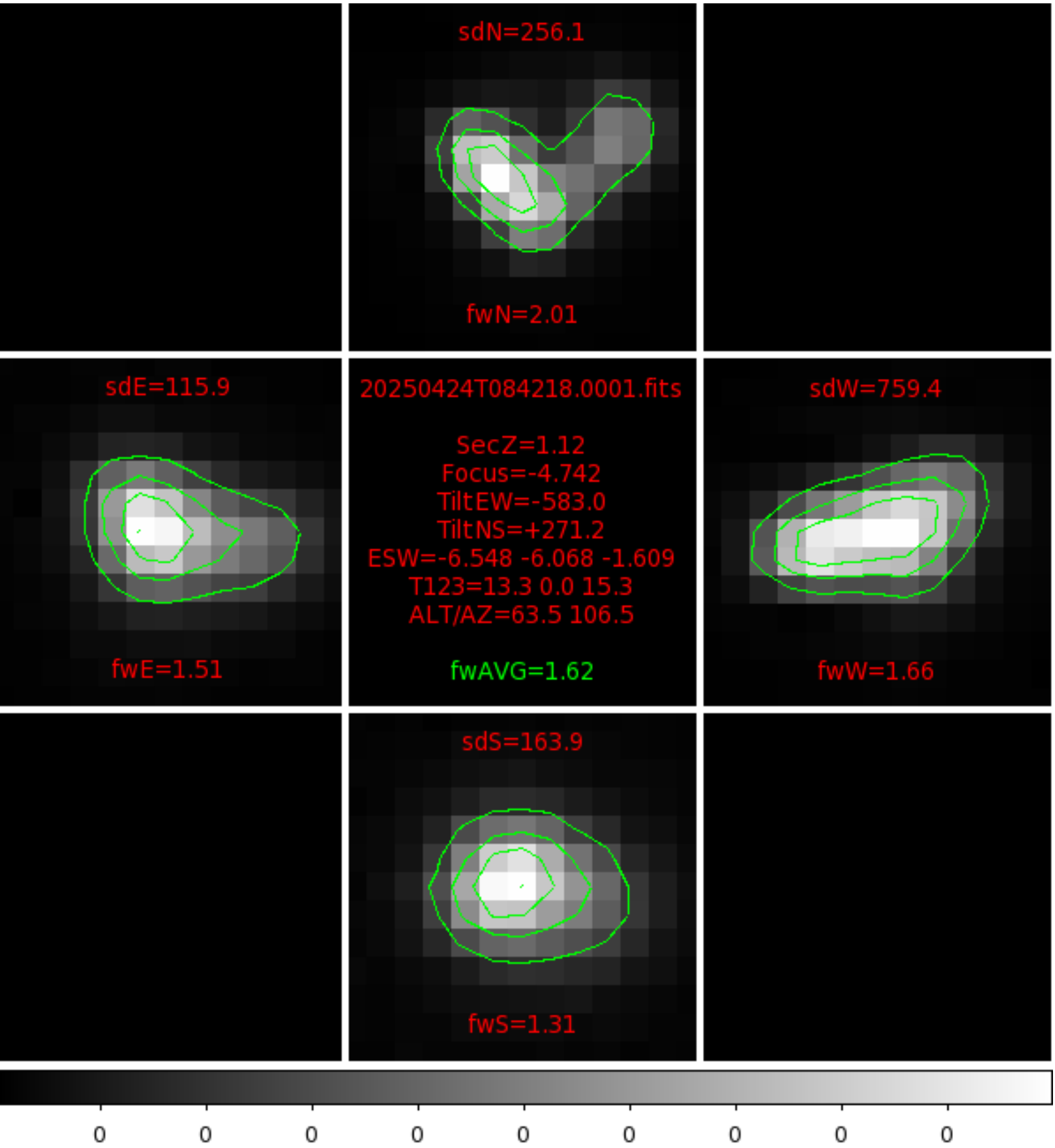
sdN=256.1
fwN=2.01
sdE=115.9
fwE=1.51
20250424T084218.0001.fits
SecZ=1.12
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.3 0.0 15.3
ALT/AZ=63.5 106.5
fwAVG=1.62
sdW=759.4
fwW=1.66
sdS=163.9
fwS=1.31
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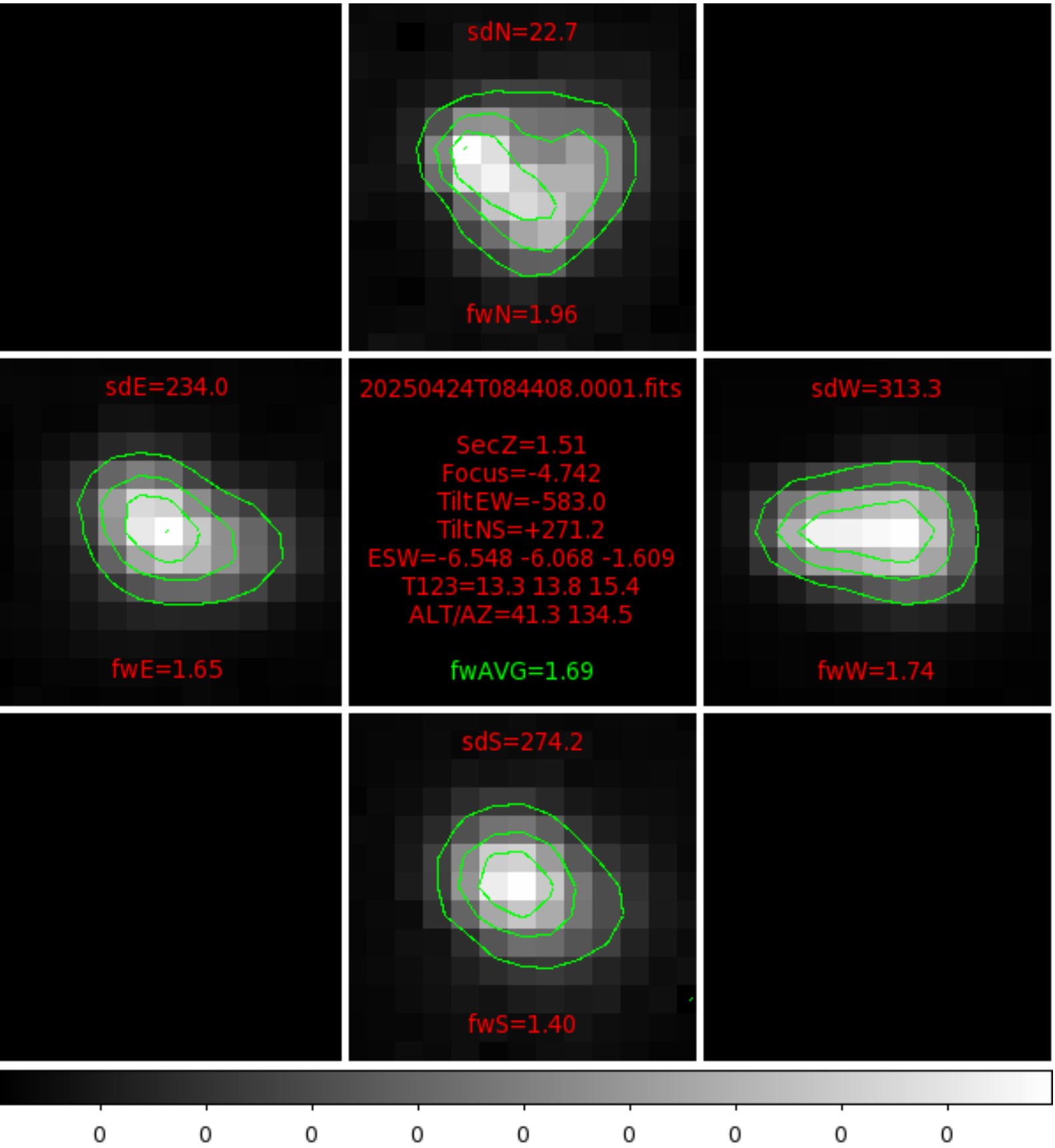
sdN=22.7
fwN=1.96
sdE=234.0
fwE=1.65
20250424T084408.0001.fits
SecZ=1.51
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.3 13.8 15.4
ALT/AZ=41.3 134.5
fwAVG=1.69
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sdS=274.2
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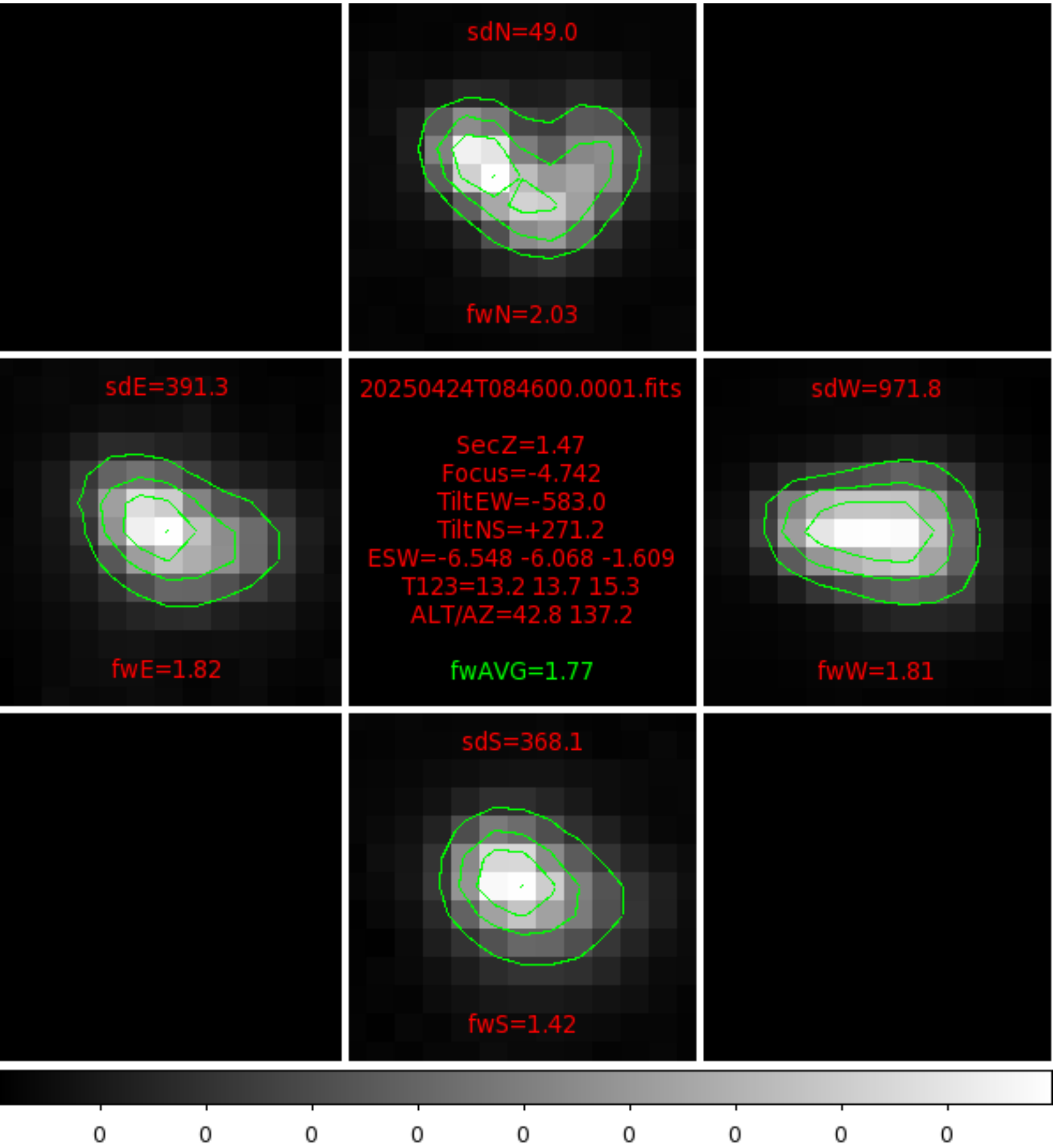
sdN=49.0
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SecZ=1.47
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.2 13.7 15.3
ALT/AZ=42.8 137.2
fwAVG=1.77
sdW=971.8
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sdS=368.1
fwS=1.42
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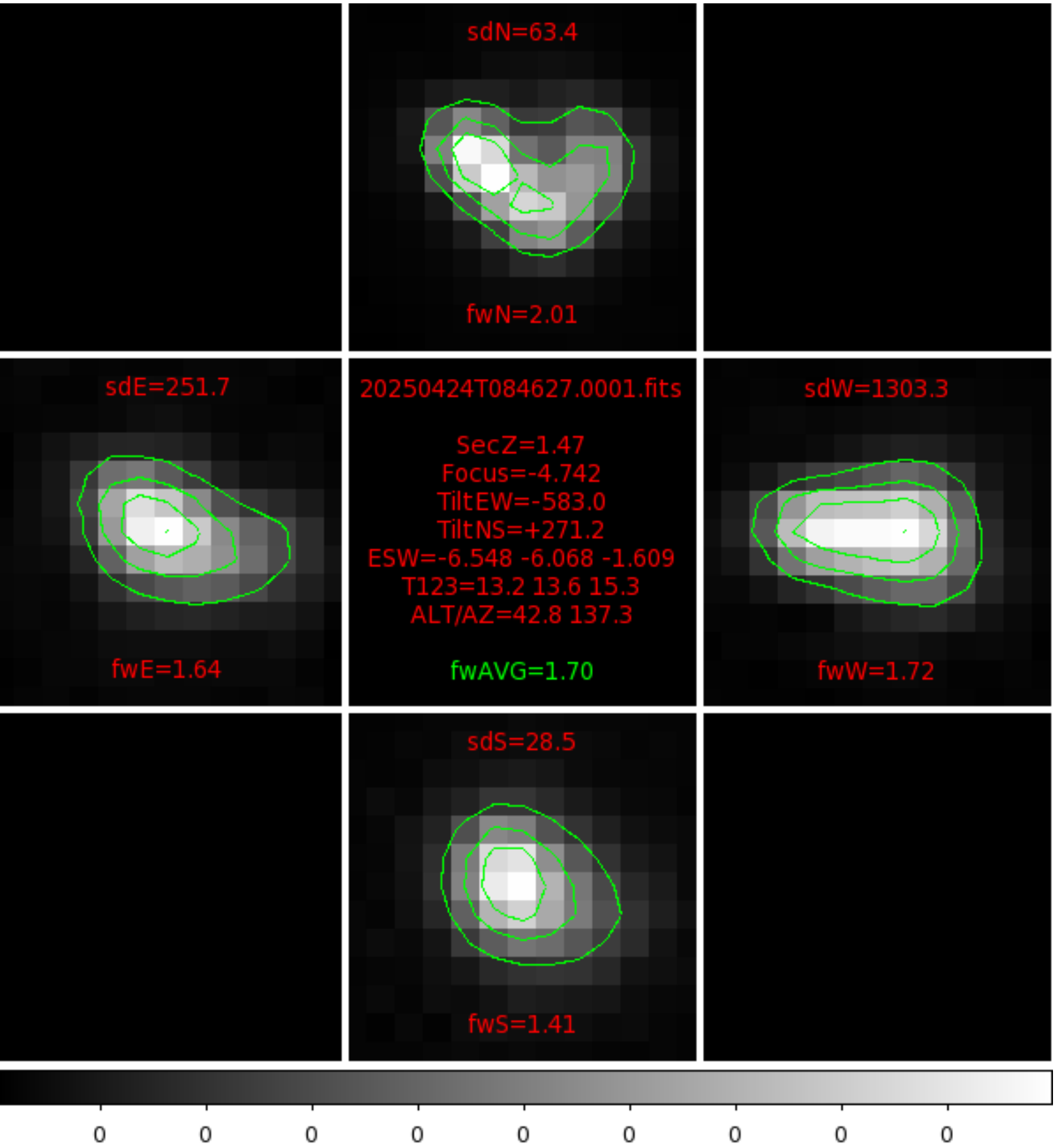
sdN=63.4
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sdE=251.7
fwE=1.64
20250424T084627.0001.fits
SecZ=1.47
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.2 13.6 15.3
ALT/AZ=42.8 137.3
fwAVG=1.70
sdW=1303.3
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sdS=28.5
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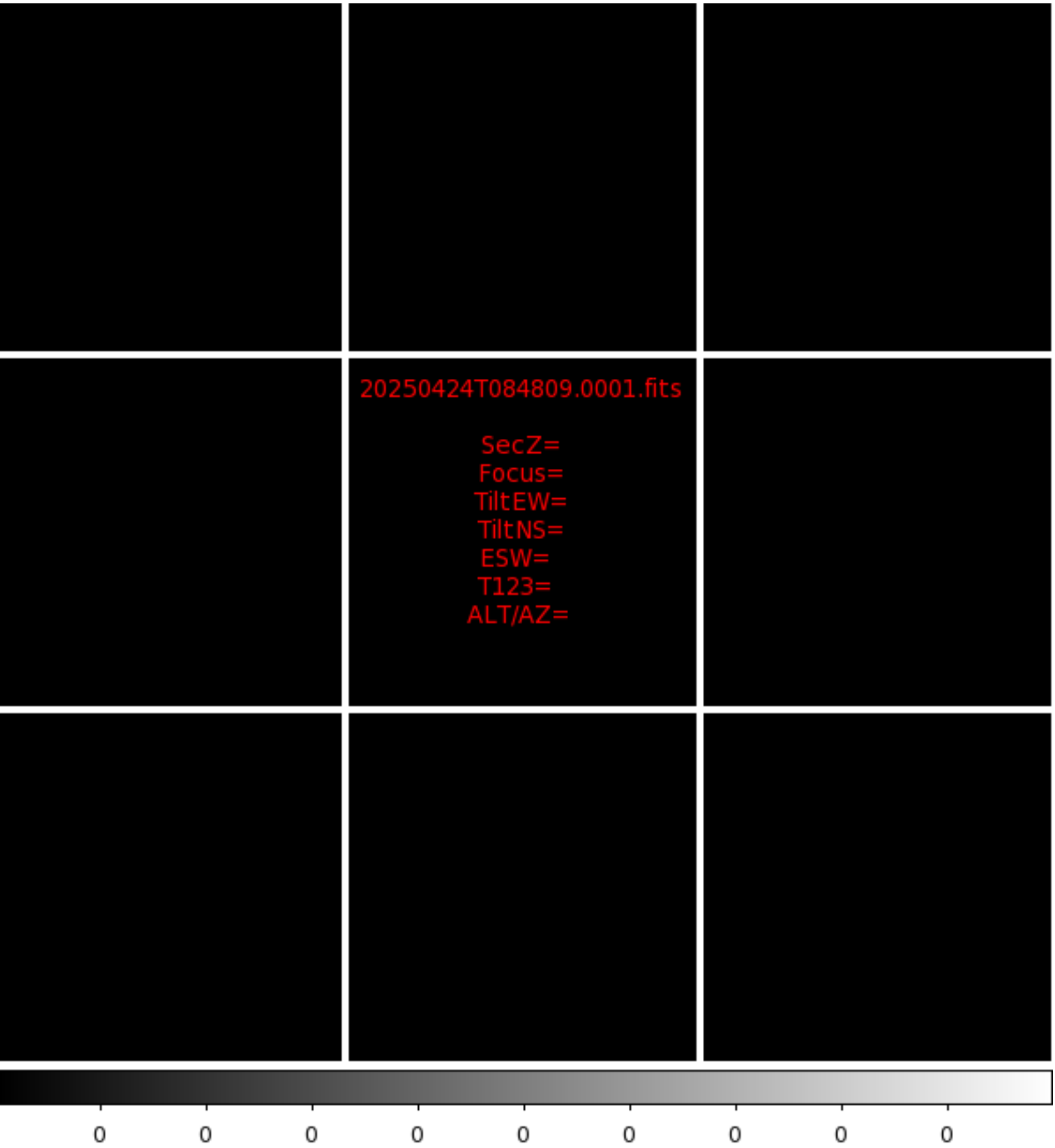
20250424T084809.0001.fits
SecZ=
Focus=
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ALT/AZ=
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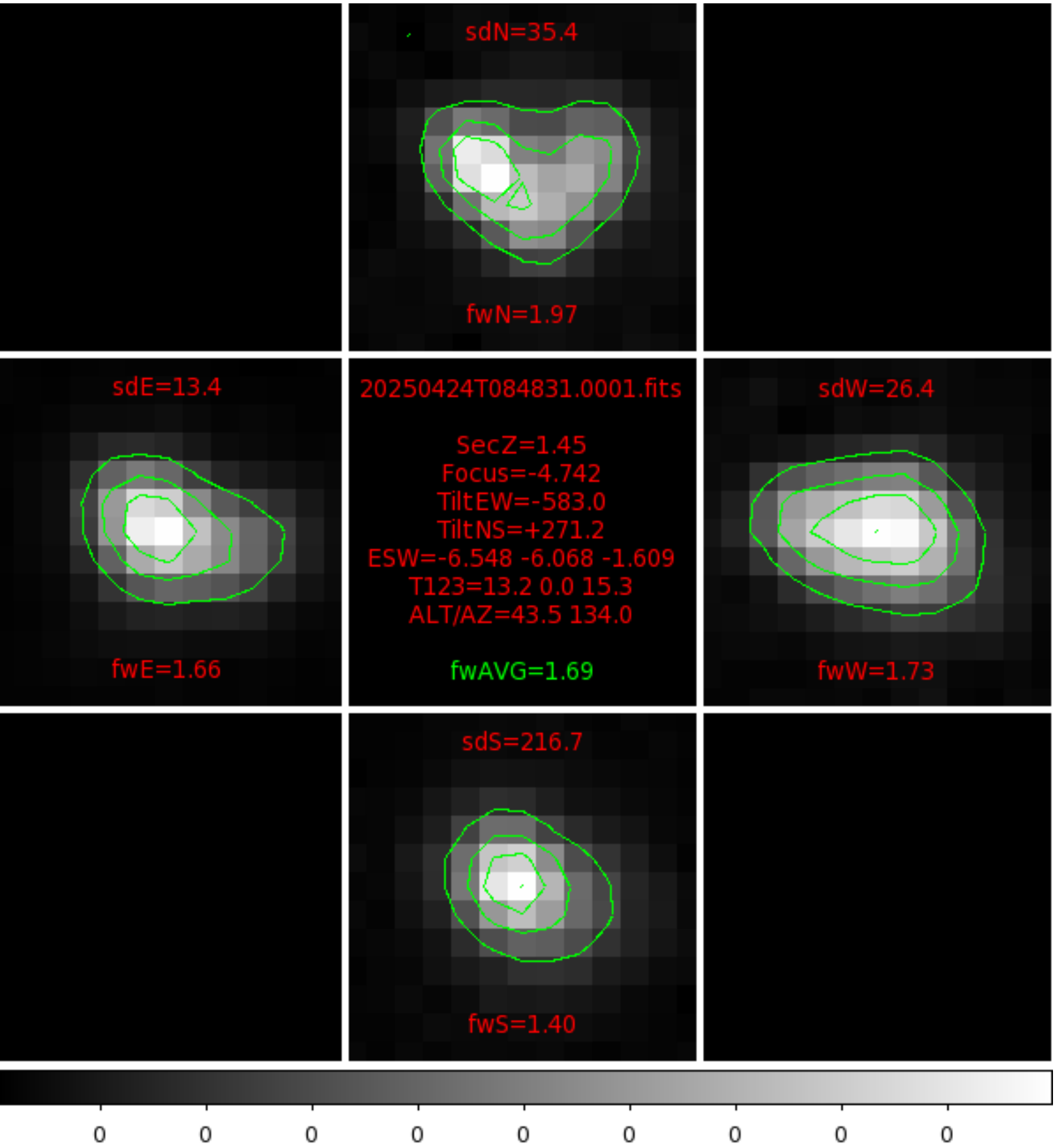
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sdE=13.4
fwE=1.66
20250424T084831.0001.fits
SecZ=1.45
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.2 0.0 15.3
ALT/AZ=43.5 134.0
fwAVG=1.69
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fwW=1.73
sdS=216.7
fwS=1.40
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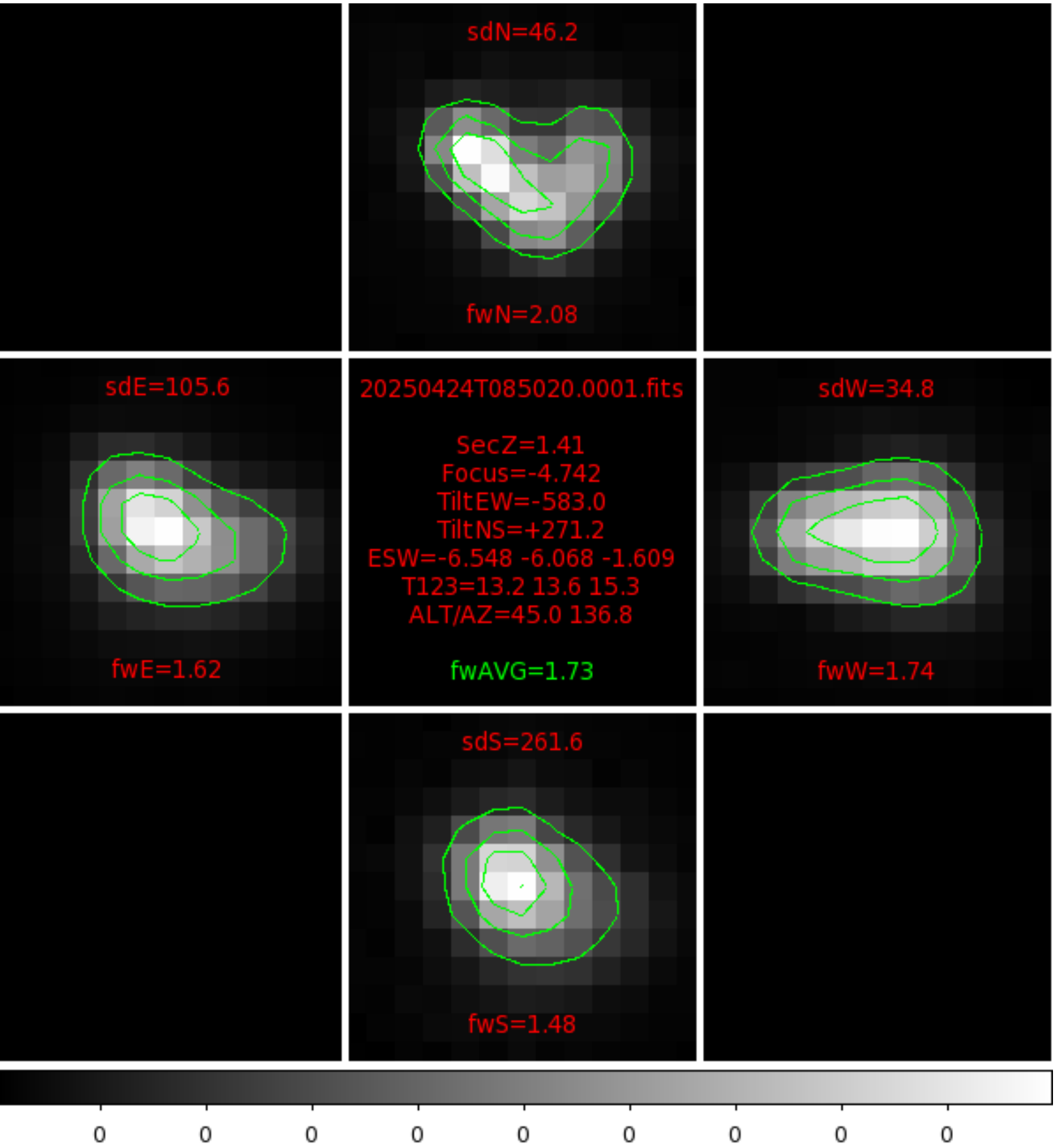
sdN=46.2
fwN=2.08
sdE=105.6
fwE=1.62
20250424T085020.0001.fits
SecZ=1.41
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.2 13.6 15.3
ALT/AZ=45.0 136.8
fwAVG=1.73
sdW=34.8
fwW=1.74
sdS=261.6
fwS=1.48
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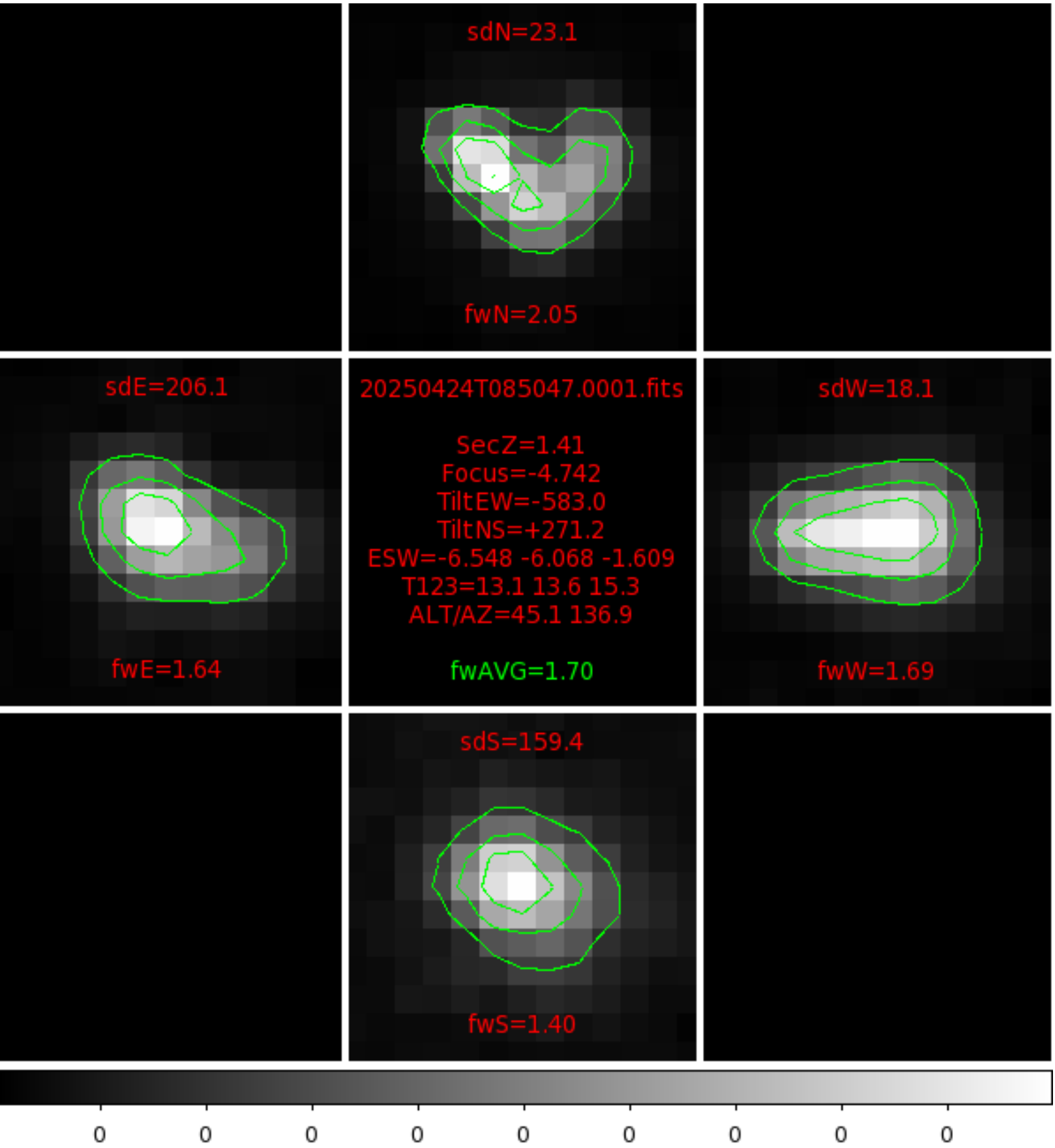
sdN=23.1
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sdE=206.1
fwE=1.64
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SecZ=1.41
Focus=-4.742
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.548 -6.068 -1.609
T123=13.1 13.6 15.3
ALT/AZ=45.1 136.9
fwAVG=1.70
sdW=18.1
fwW=1.69
sdS=159.4
fwS=1.40
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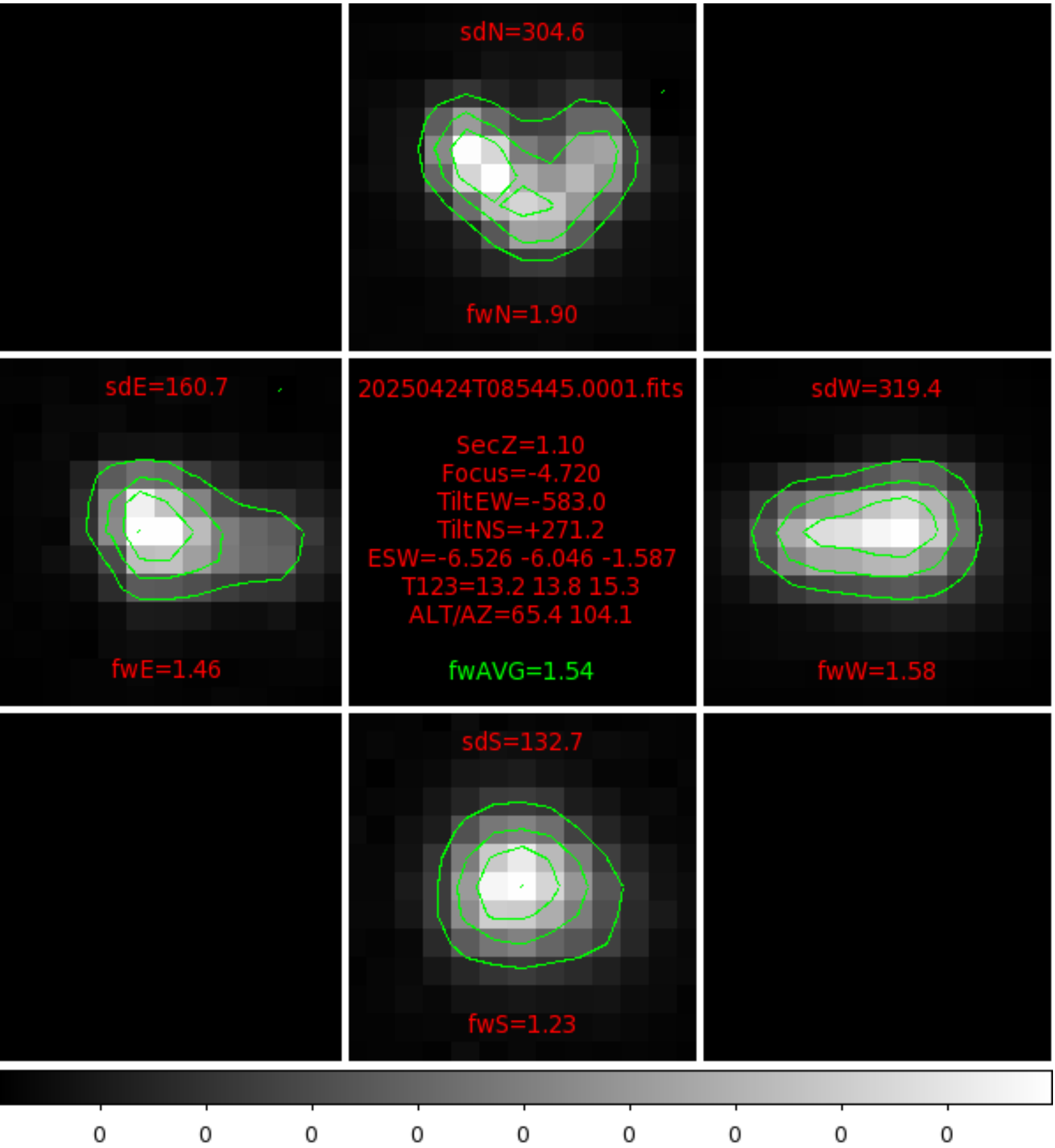
sdN=304.6
fwN=1.90
sdE=160.7
fwE=1.46
20250424T085445.0001.fits
SecZ=1.10
Focus=-4.720
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.526 -6.046 -1.587
T123=13.2 13.8 15.3
ALT/AZ=65.4 104.1
fwAVG=1.54
sdW=319.4
fwW=1.58
sdS=132.7
fwS=1.23
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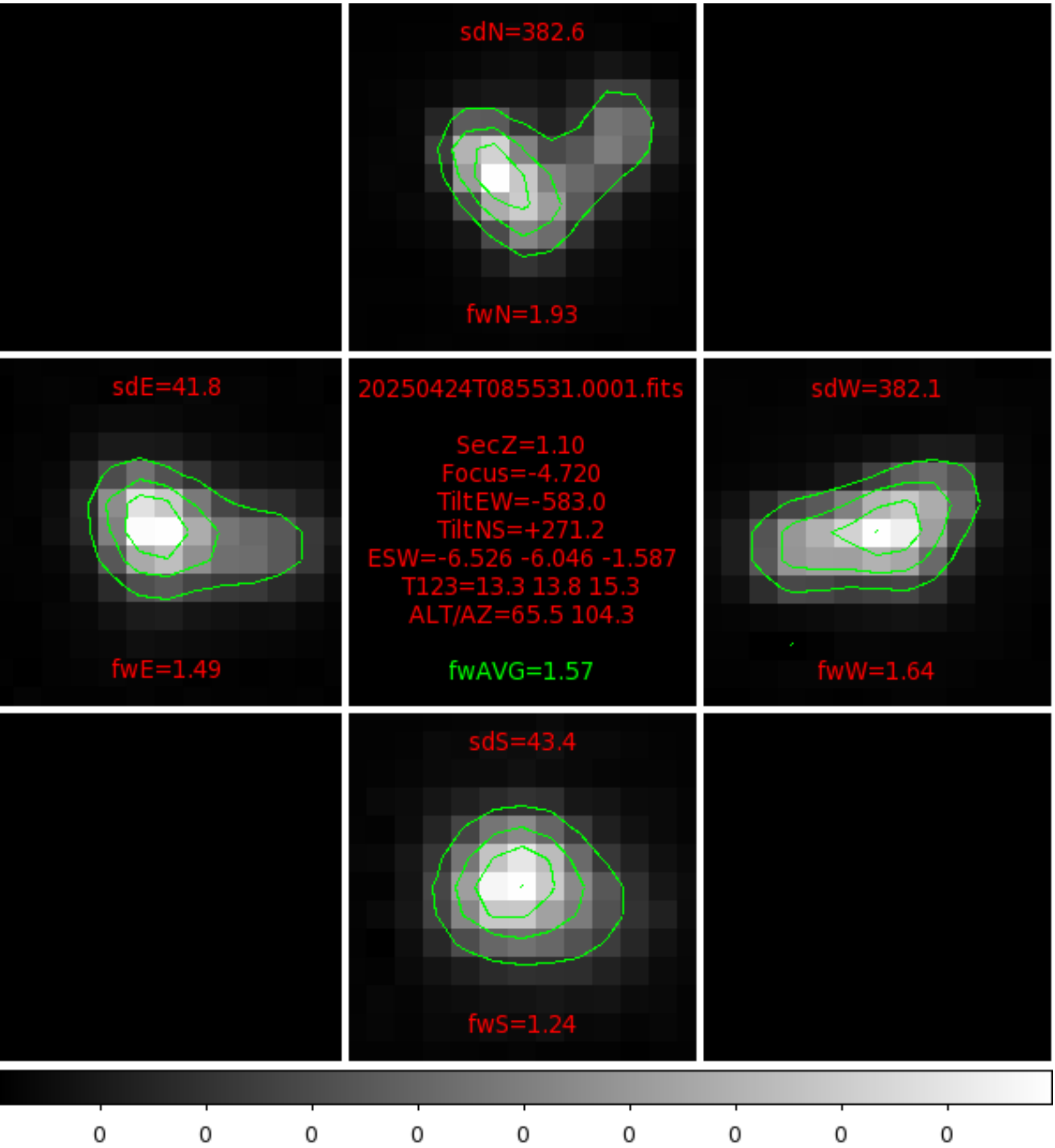
sdN=382.6
fwN=1.93
sdE=41.8
fwE=1.49
20250424T085531.0001.fits
SecZ=1.10
Focus=-4.720
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.526 -6.046 -1.587
T123=13.3 13.8 15.3
ALT/AZ=65.5 104.3
fwAVG=1.57
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sdS=43.4
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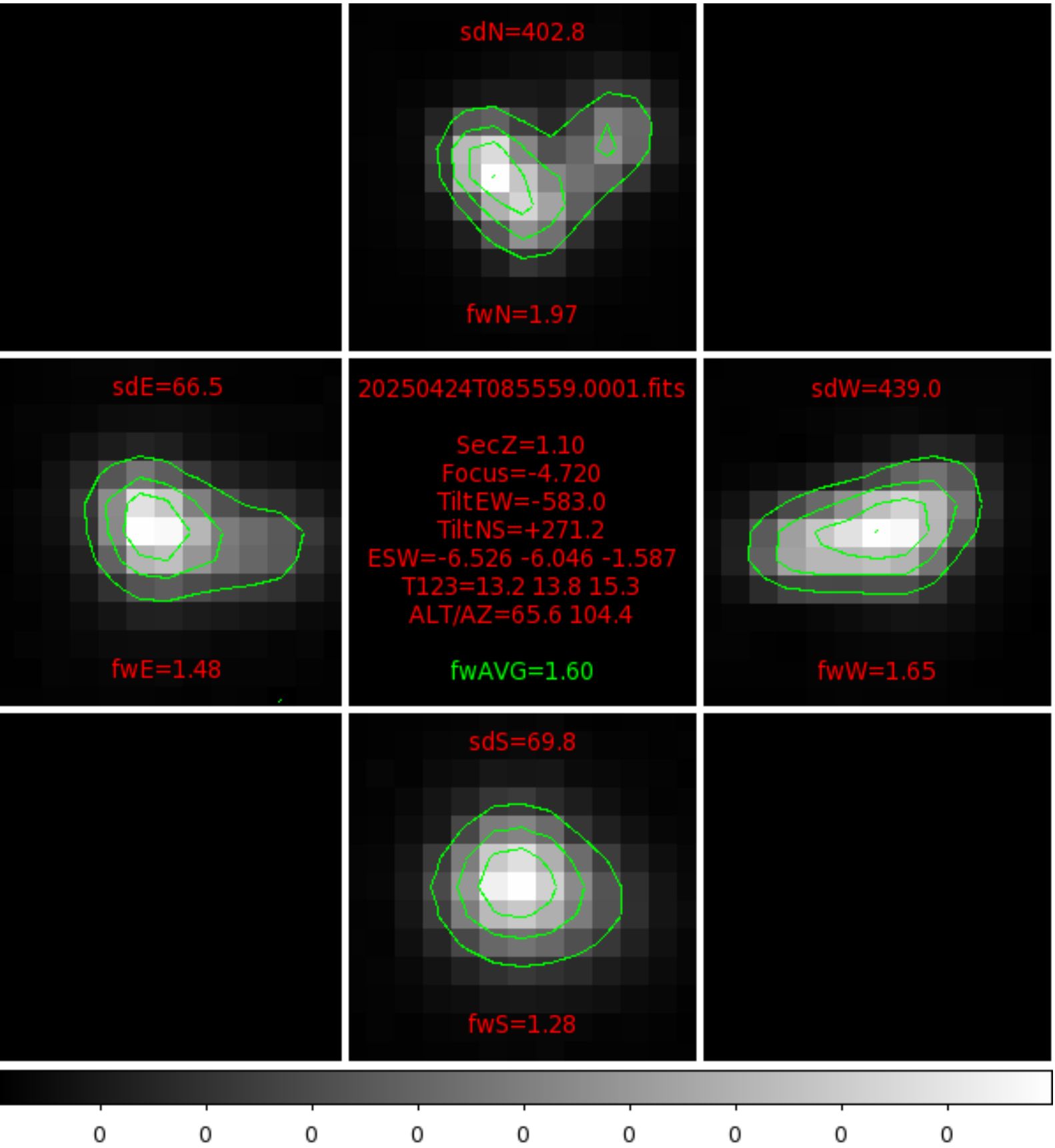
sdN=402.8
fwN=1.97
sdE=66.5
fwE=1.48
20250424T085559.0001.fits
SecZ=1.10
Focus=-4.720
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.526 -6.046 -1.587
T123=13.2 13.8 15.3
ALT/AZ=65.6 104.4
fwAVG=1.60
sdW=439.0
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sdS=69.8
fwS=1.28
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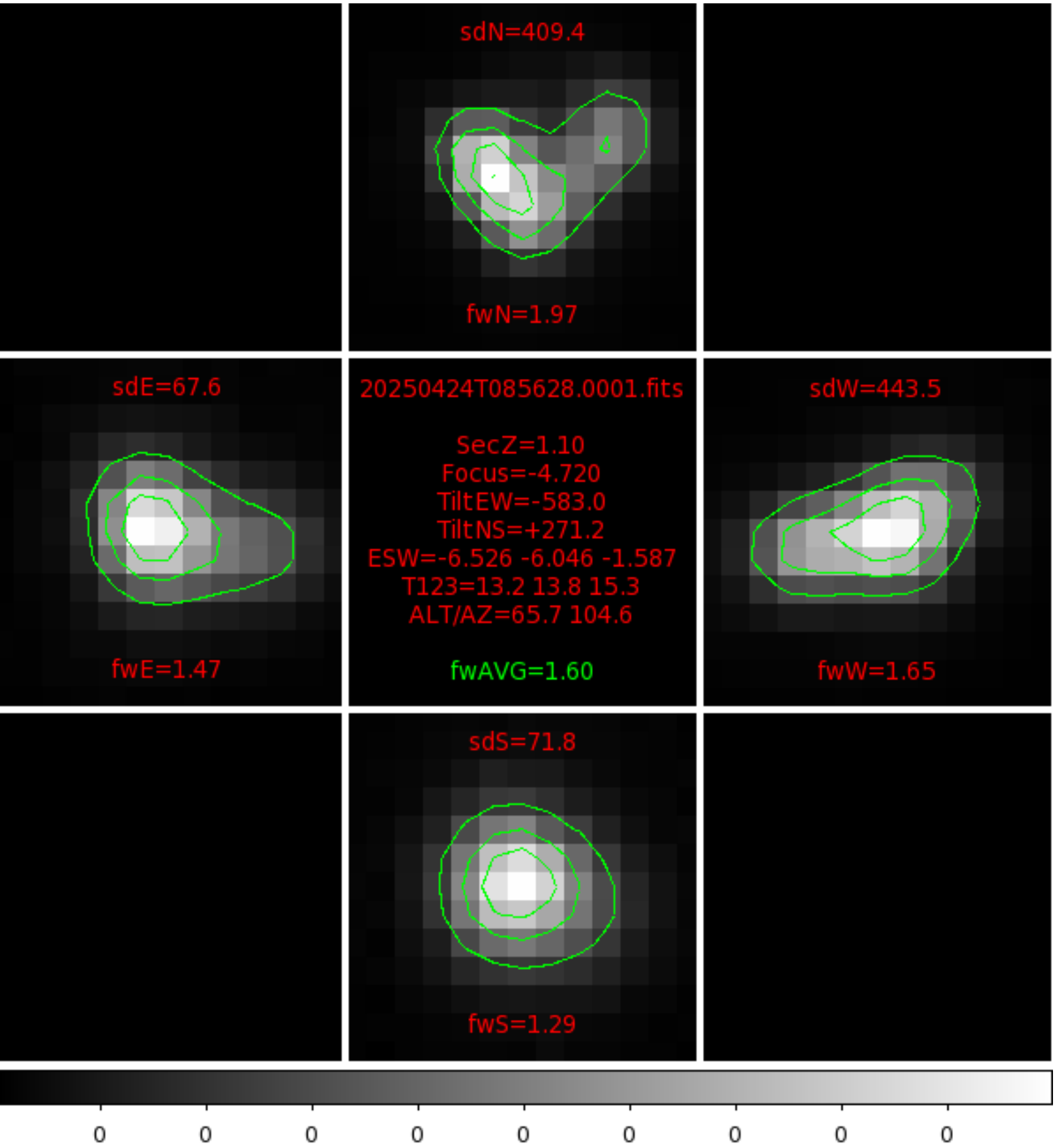
sdN=409.4
fwN=1.97
sdE=67.6
fwE=1.47
20250424T085628.0001.fits
SecZ=1.10
Focus=-4.720
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.526 -6.046 -1.587
T123=13.2 13.8 15.3
ALT/AZ=65.7 104.6
fwAVG=1.60
sdW=443.5
fwW=1.65
sdS=71.8
fwS=1.29
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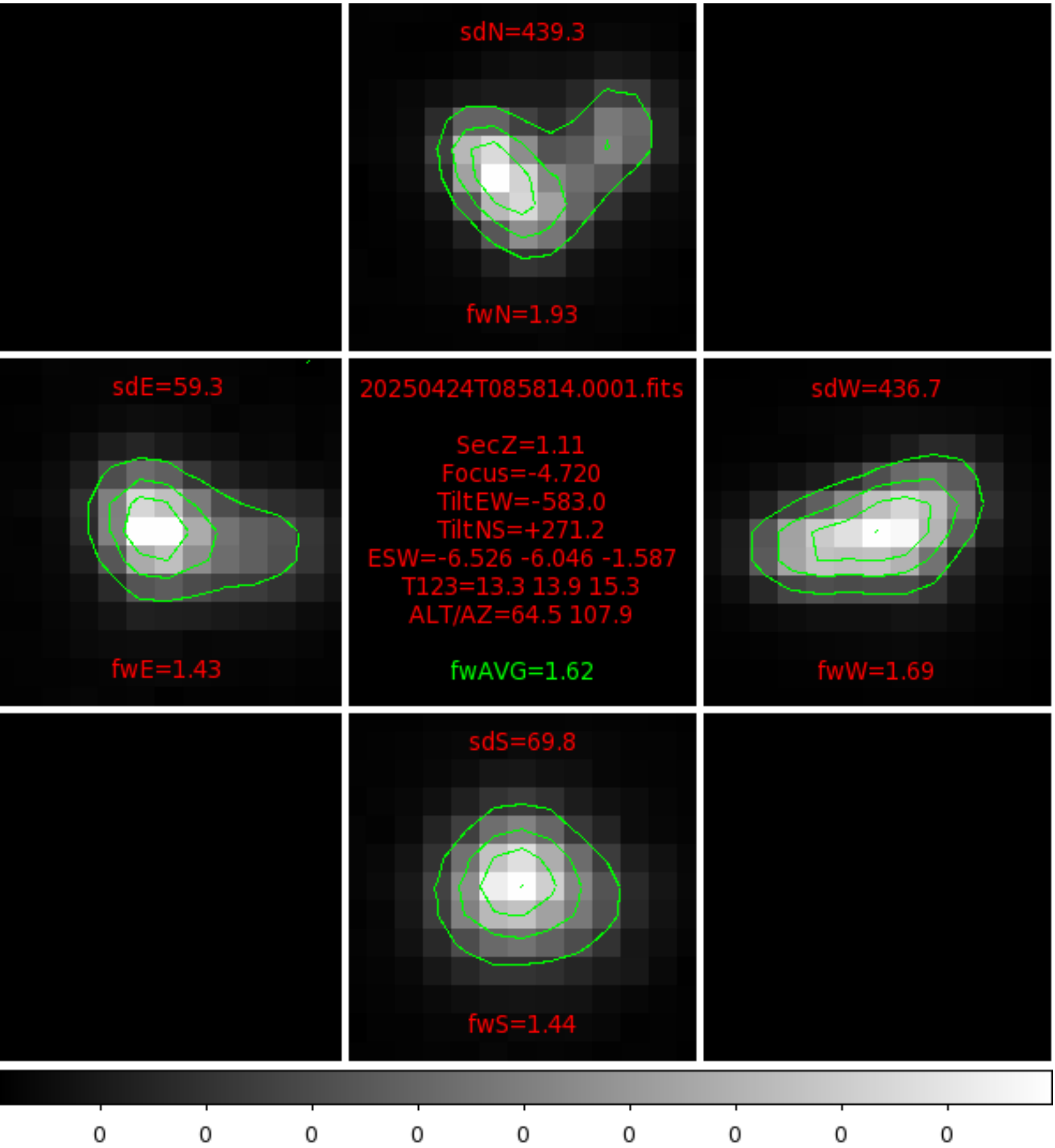
sdN=439.3
fwN=1.93
sdE=59.3
fwE=1.43
20250424T085814.0001.fits
SecZ=1.11
Focus=-4.720
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.526 -6.046 -1.587
T123=13.3 13.9 15.3
ALT/AZ=64.5 107.9
fwAVG=1.62
sdW=436.7
fwW=1.69
sdS=69.8
fwS=1.44
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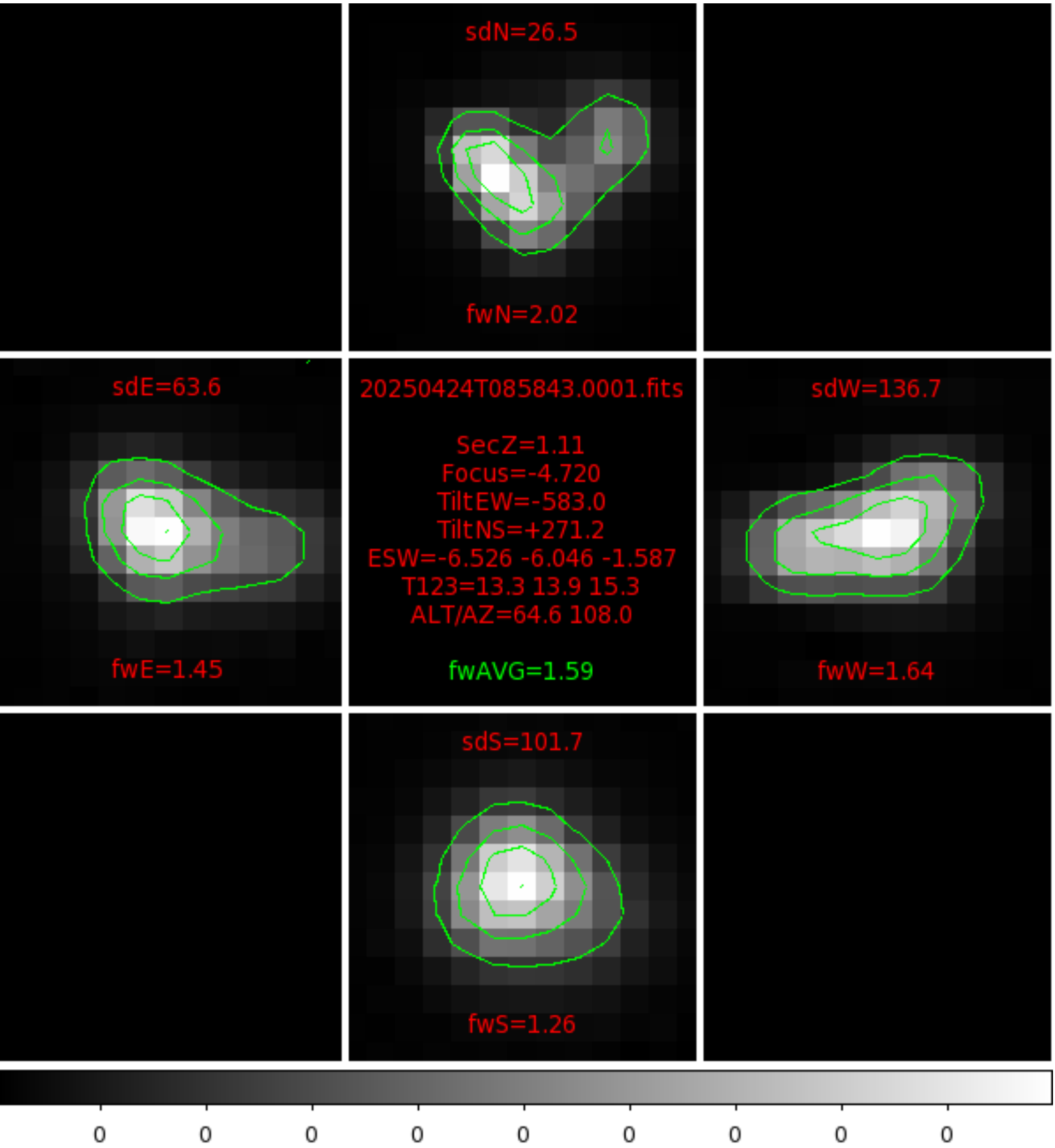
sdN=26.5
fwN=2.02
sdE=63.6
fwE=1.45
20250424T085843.0001.fits
SecZ=1.11
Focus=-4.720
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.526 -6.046 -1.587
T123=13.3 13.9 15.3
ALT/AZ=64.6 108.0
fwAVG=1.59
sdW=136.7
fwW=1.64
sdS=101.7
fwS=1.26
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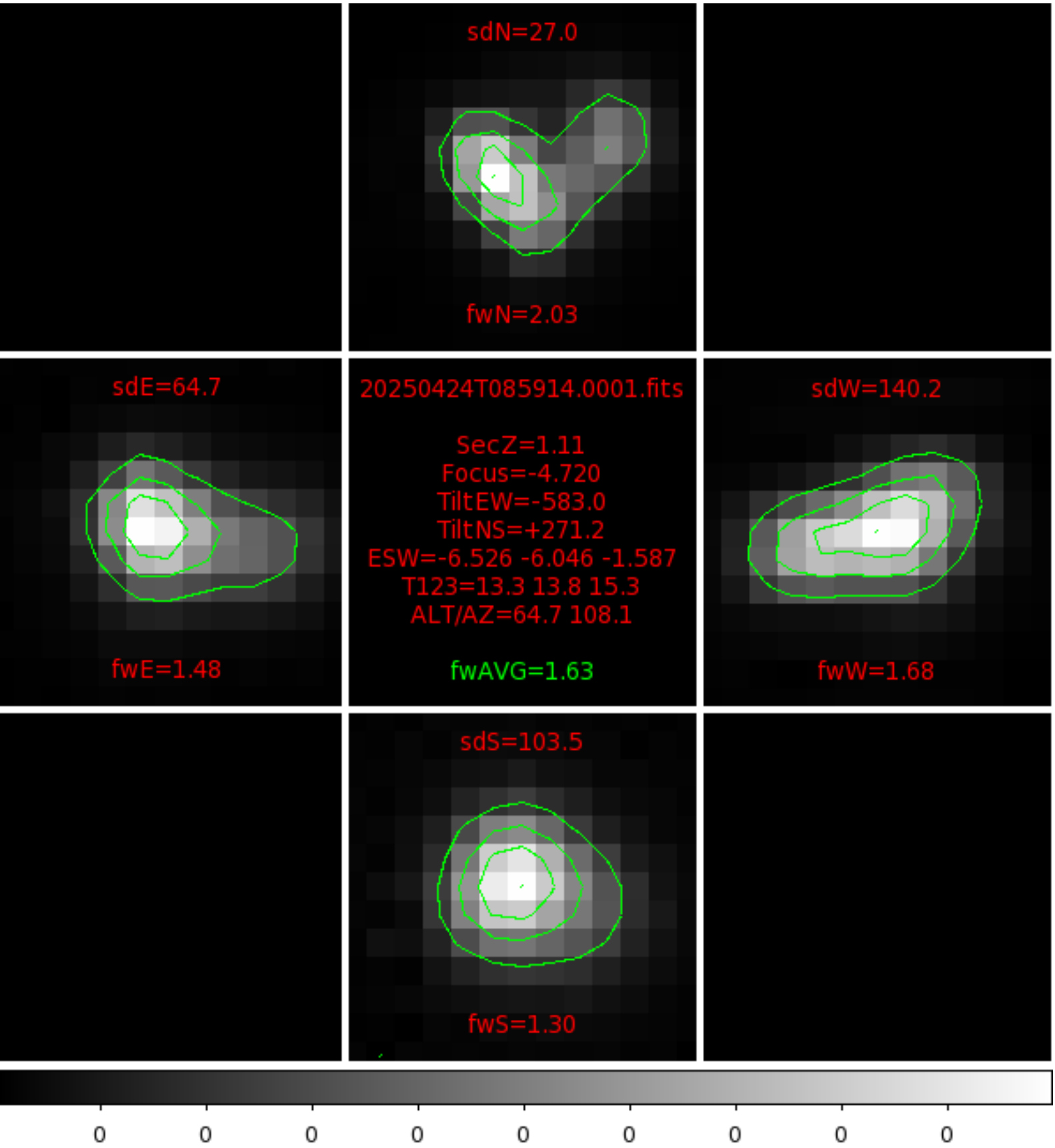
sdN=27.0
fwN=2.03
sdE=64.7
fwE=1.48
20250424T085914.0001.fits
SecZ=1.11
Focus=-4.720
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.526 -6.046 -1.587
T123=13.3 13.8 15.3
ALT/AZ=64.7 108.1
fwAVG=1.63
sdW=140.2
fwW=1.68
sdS=103.5
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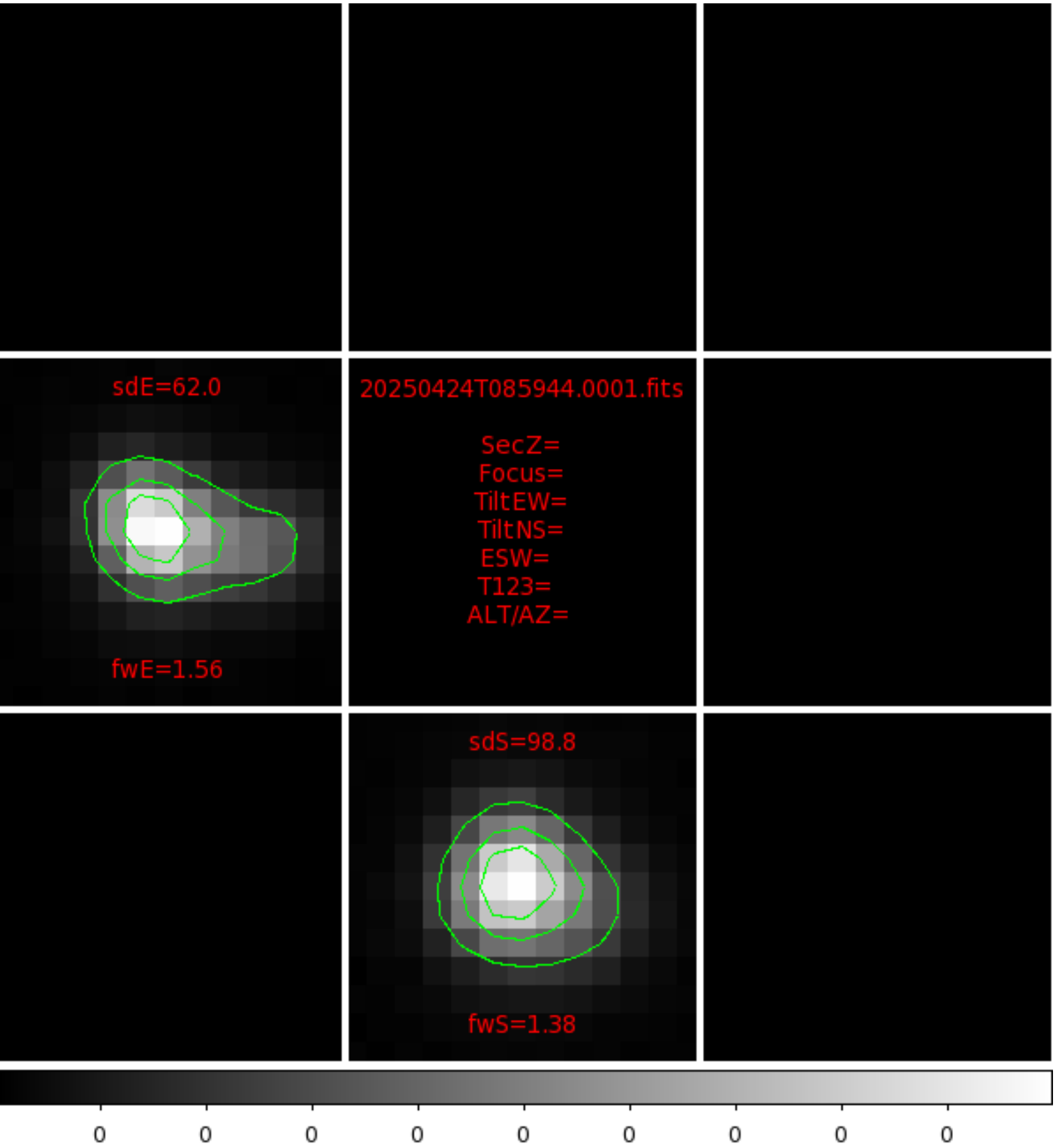
sdE=62.0
fwE=1.56
20250424T085944.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
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ALT/AZ=
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fwS=1.38
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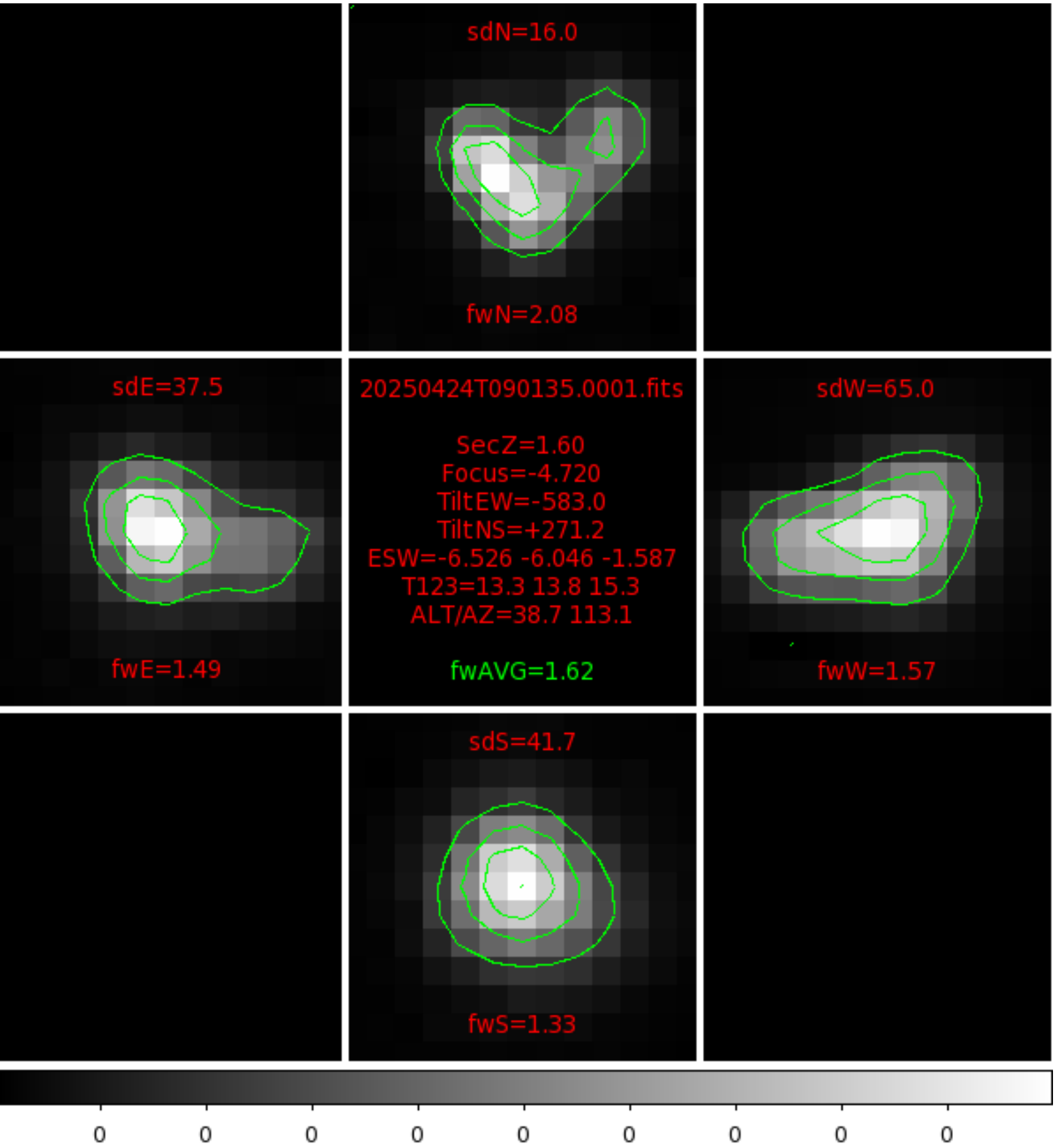
sdN=16.0
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sdE=37.5
fwE=1.49
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SecZ=1.60
Focus=-4.720
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.526 -6.046 -1.587
T123=13.3 13.8 15.3
ALT/AZ=38.7 113.1
fwAVG=1.62
sdW=65.0
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sdS=41.7
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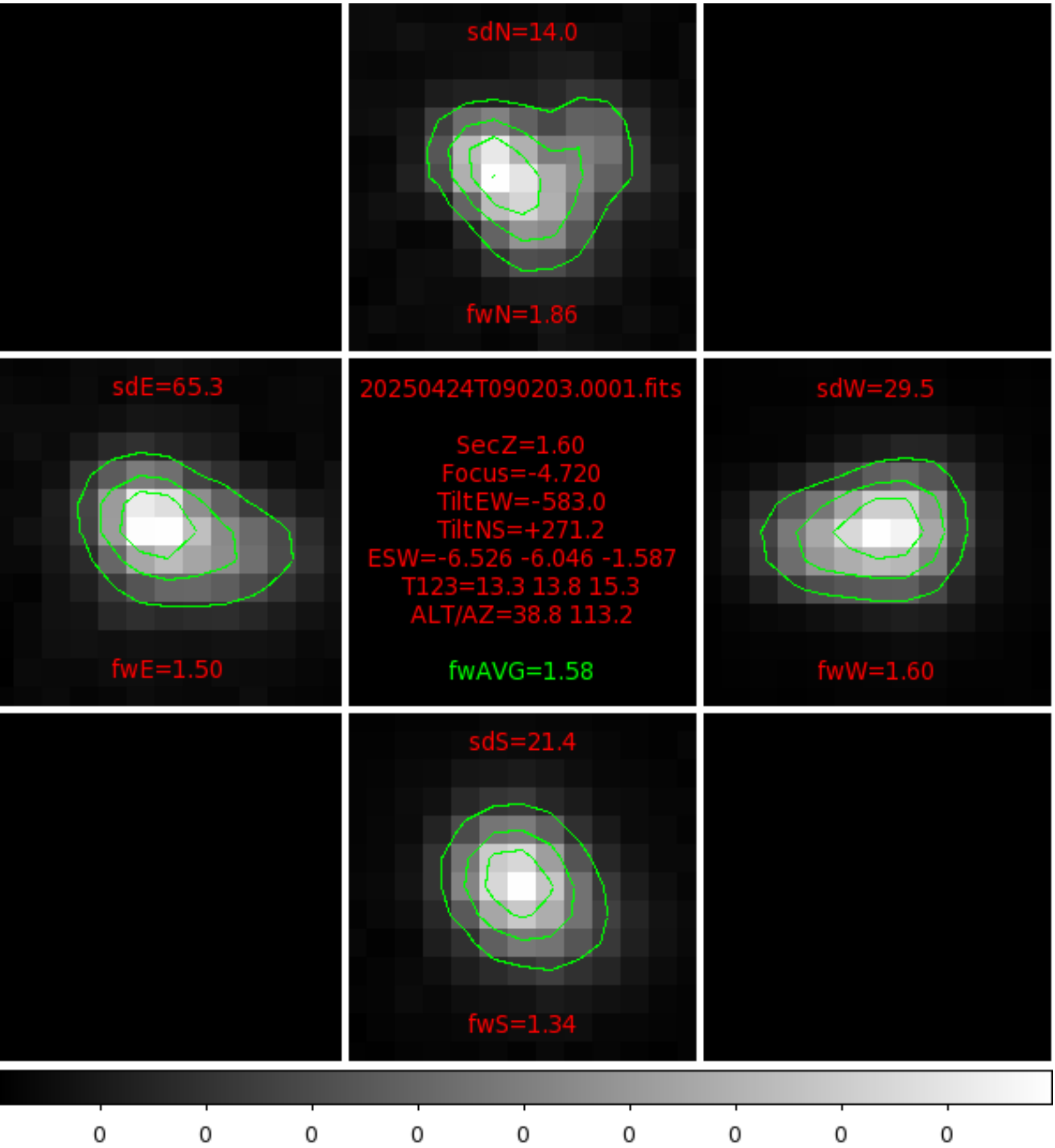
sdN=14.0
fwN=1.86
sdE=65.3
fwE=1.50
20250424T090203.0001.fits
SecZ=1.60
Focus=-4.720
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.526 -6.046 -1.587
T123=13.3 13.8 15.3
ALT/AZ=38.8 113.2
fwAVG=1.58
sdW=29.5
fwW=1.60
sdS=21.4
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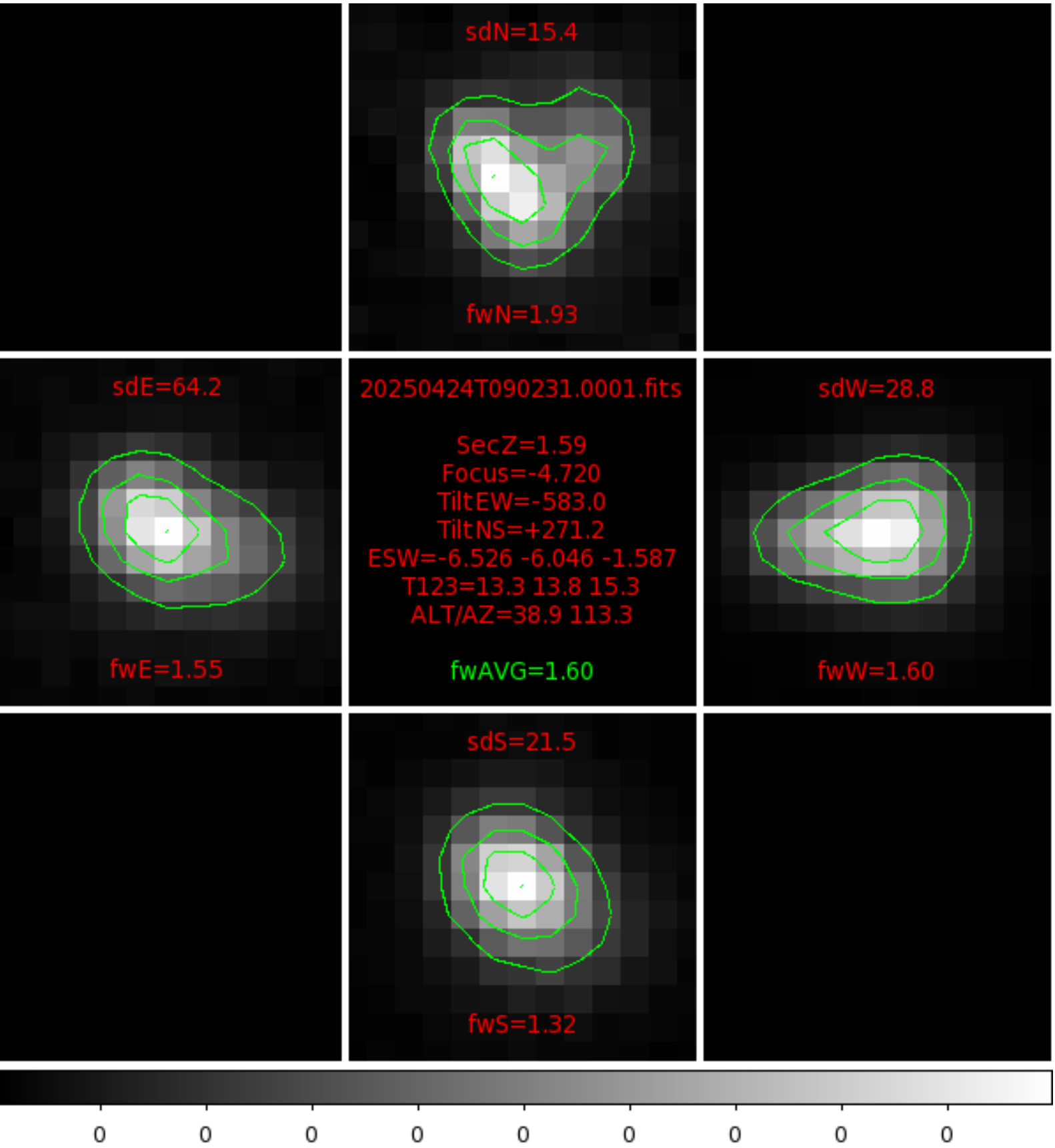
sdN=15.4
fwN=1.93
sdE=64.2
fwE=1.55
20250424T090231.0001.fits
SecZ=1.59
Focus=-4.720
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.526 -6.046 -1.587
T123=13.3 13.8 15.3
ALT/AZ=38.9 113.3
fwAVG=1.60
sdW=28.8
fwW=1.60
sdS=21.5
fwS=1.32
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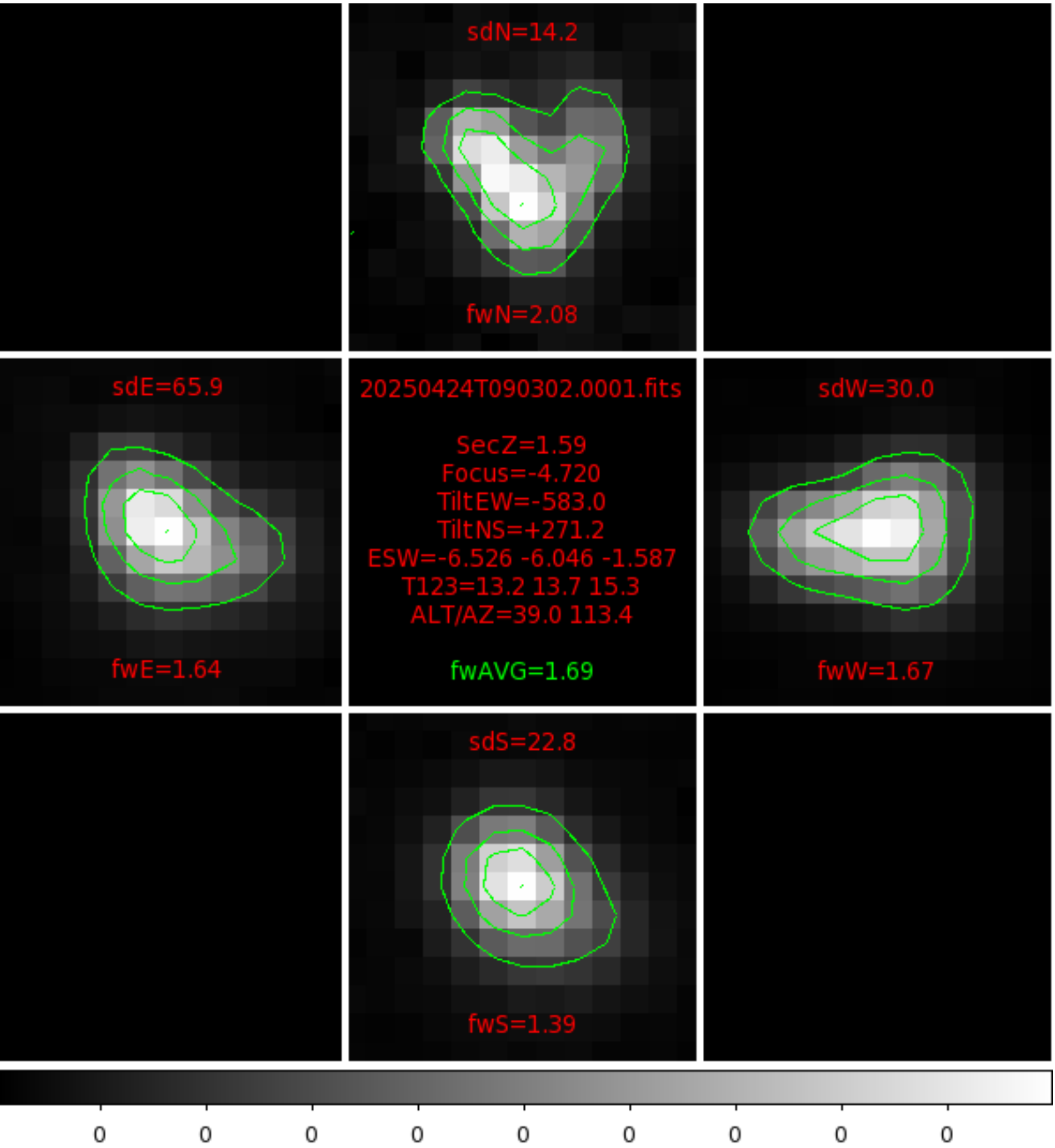
sdN=14.2
fwN=2.08
sdE=65.9
fwE=1.64
20250424T090302.0001.fits
SecZ=1.59
Focus=-4.720
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.526 -6.046 -1.587
T123=13.2 13.7 15.3
ALT/AZ=39.0 113.4
fwAVG=1.69
sdW=30.0
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sdS=22.8
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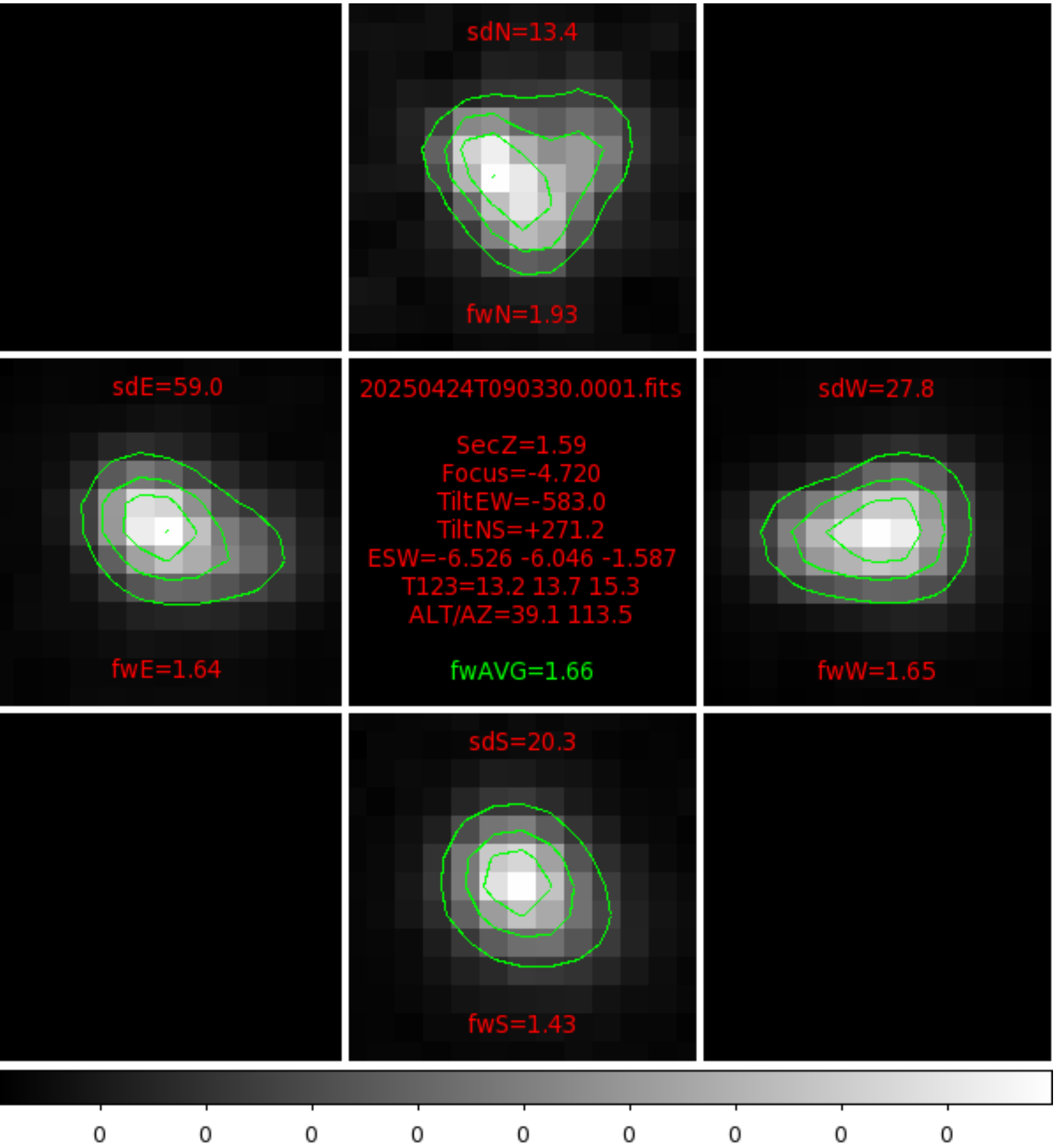
sdN=13.4
fwN=1.93
sdE=59.0
fwE=1.64
20250424T090330.0001.fits
SecZ=1.59
Focus=-4.720
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.526 -6.046 -1.587
T123=13.2 13.7 15.3
ALT/AZ=39.1 113.5
fwAVG=1.66
sdW=27.8
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sdS=20.3
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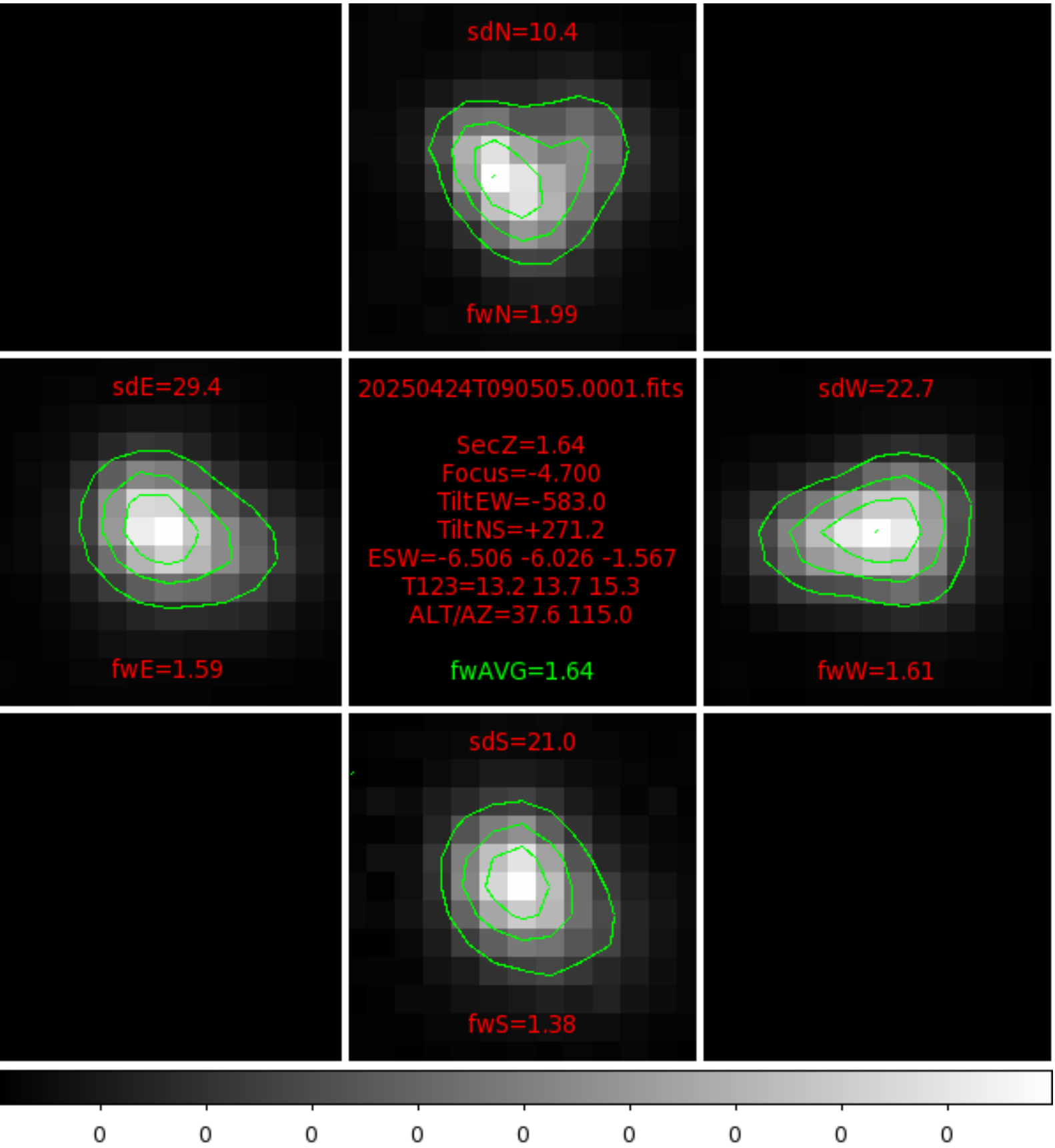
sdN=10.4
fwN=1.99
sdE=29.4
fwE=1.59
20250424T090505.0001.fits
SecZ=1.64
Focus=-4.700
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.506 -6.026 -1.567
T123=13.2 13.7 15.3
ALT/AZ=37.6 115.0
fwAVG=1.64
sdW=22.7
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sdS=21.0
fwS=1.38
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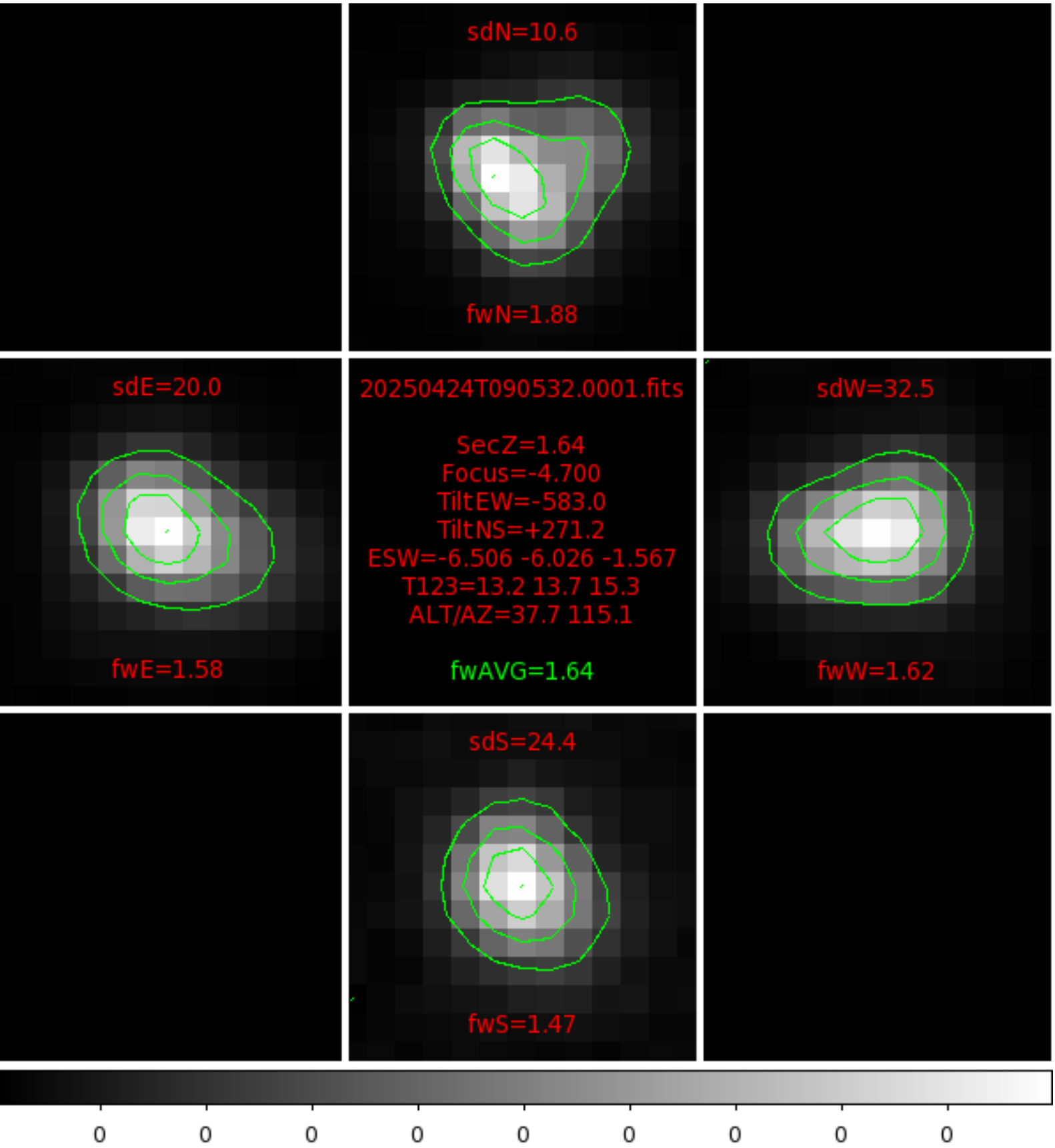
sdN=10.6
fwN=1.88
sdE=20.0
fwE=1.58
20250424T090532.0001.fits
SecZ=1.64
Focus=-4.700
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.506 -6.026 -1.567
T123=13.2 13.7 15.3
ALT/AZ=37.7 115.1
fwAVG=1.64
sdW=32.5
fwW=1.62
sdS=24.4
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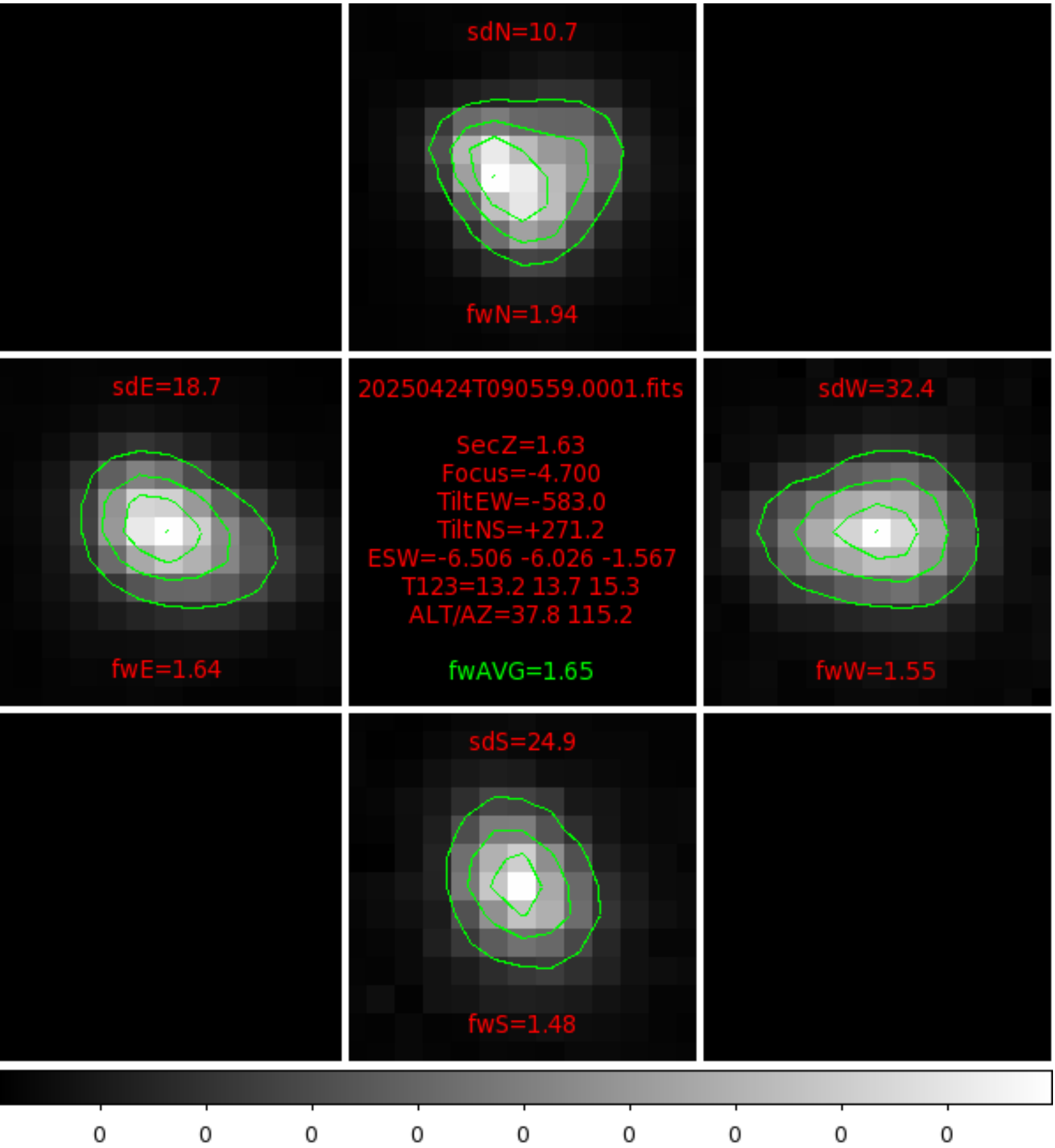
sdN=10.7
fwN=1.94
sdE=18.7
fwE=1.64
20250424T090559.0001.fits
SecZ=1.63
Focus=-4.700
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.506 -6.026 -1.567
T123=13.2 13.7 15.3
ALT/AZ=37.8 115.2
fwAVG=1.65
sdW=32.4
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sdS=24.9
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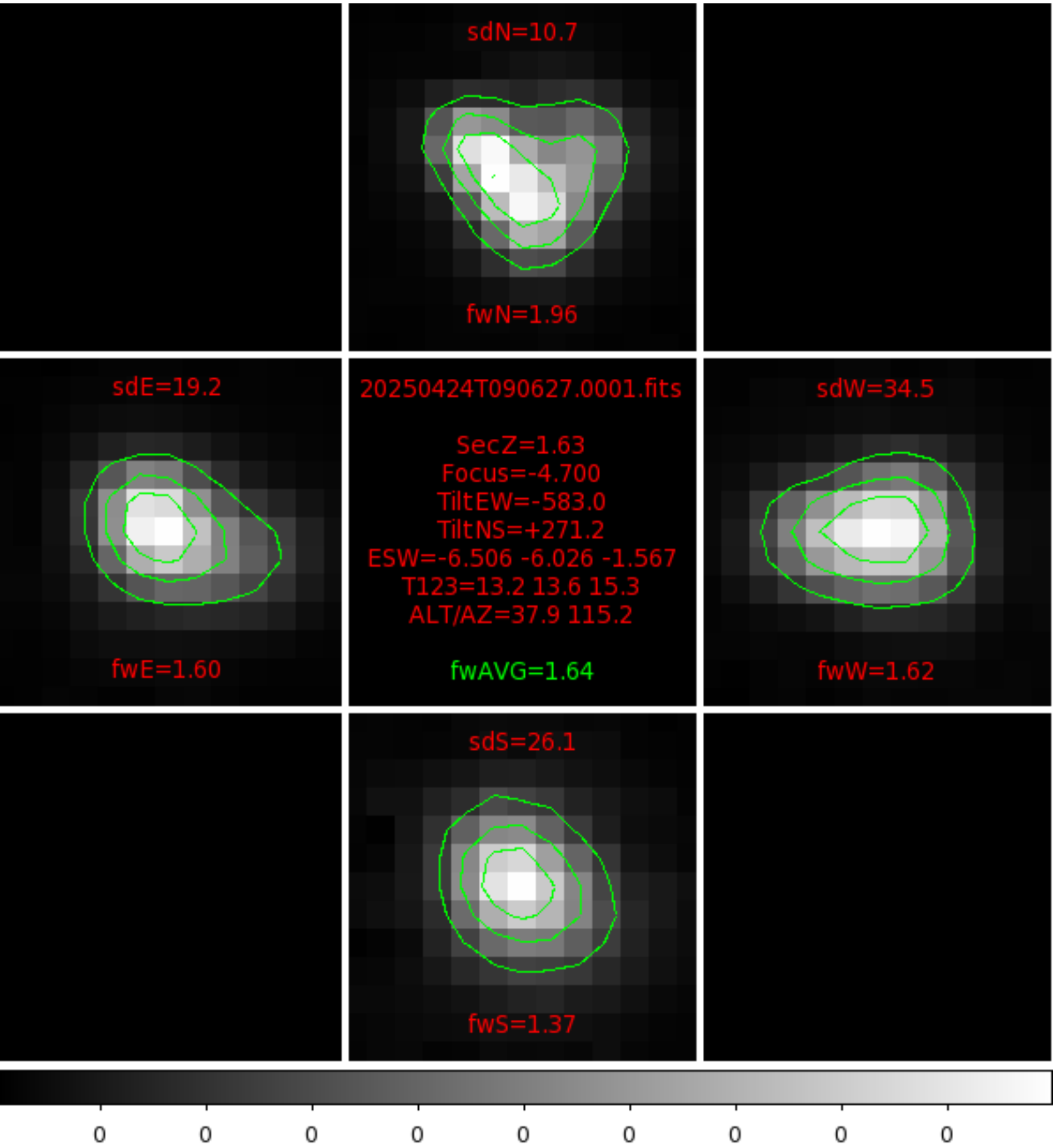
sdN=10.7
fwN=1.96
sdE=19.2
fwE=1.60
20250424T090627.0001.fits
SecZ=1.63
Focus=-4.700
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.506 -6.026 -1.567
T123=13.2 13.6 15.3
ALT/AZ=37.9 115.2
fwAVG=1.64
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sdS=26.1
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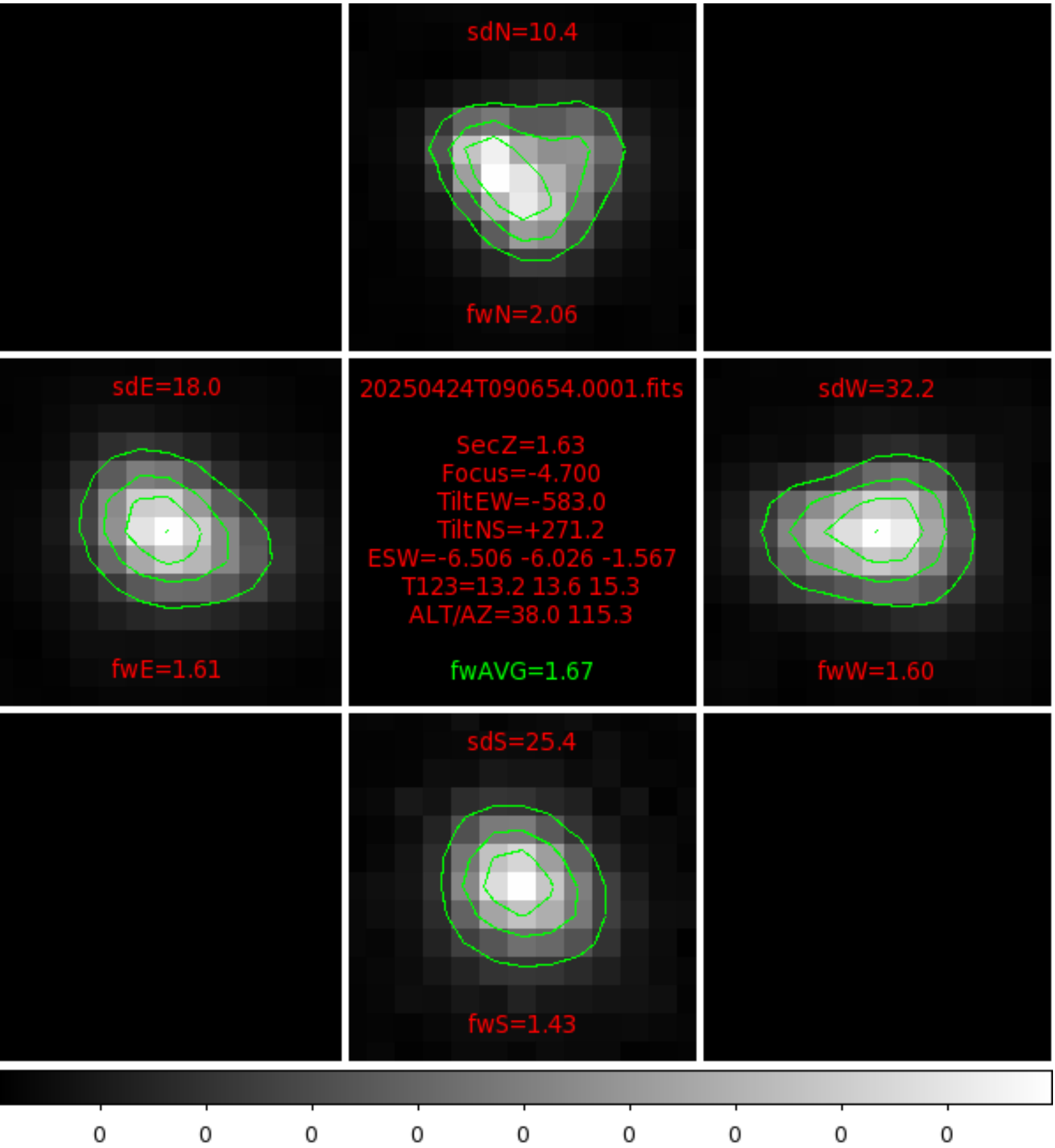
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fwN=2.06
sdE=18.0
fwE=1.61
20250424T090654.0001.fits
SecZ=1.63
Focus=-4.700
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.506 -6.026 -1.567
T123=13.2 13.6 15.3
ALT/AZ=38.0 115.3
fwAVG=1.67
sdW=32.2
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sdS=25.4
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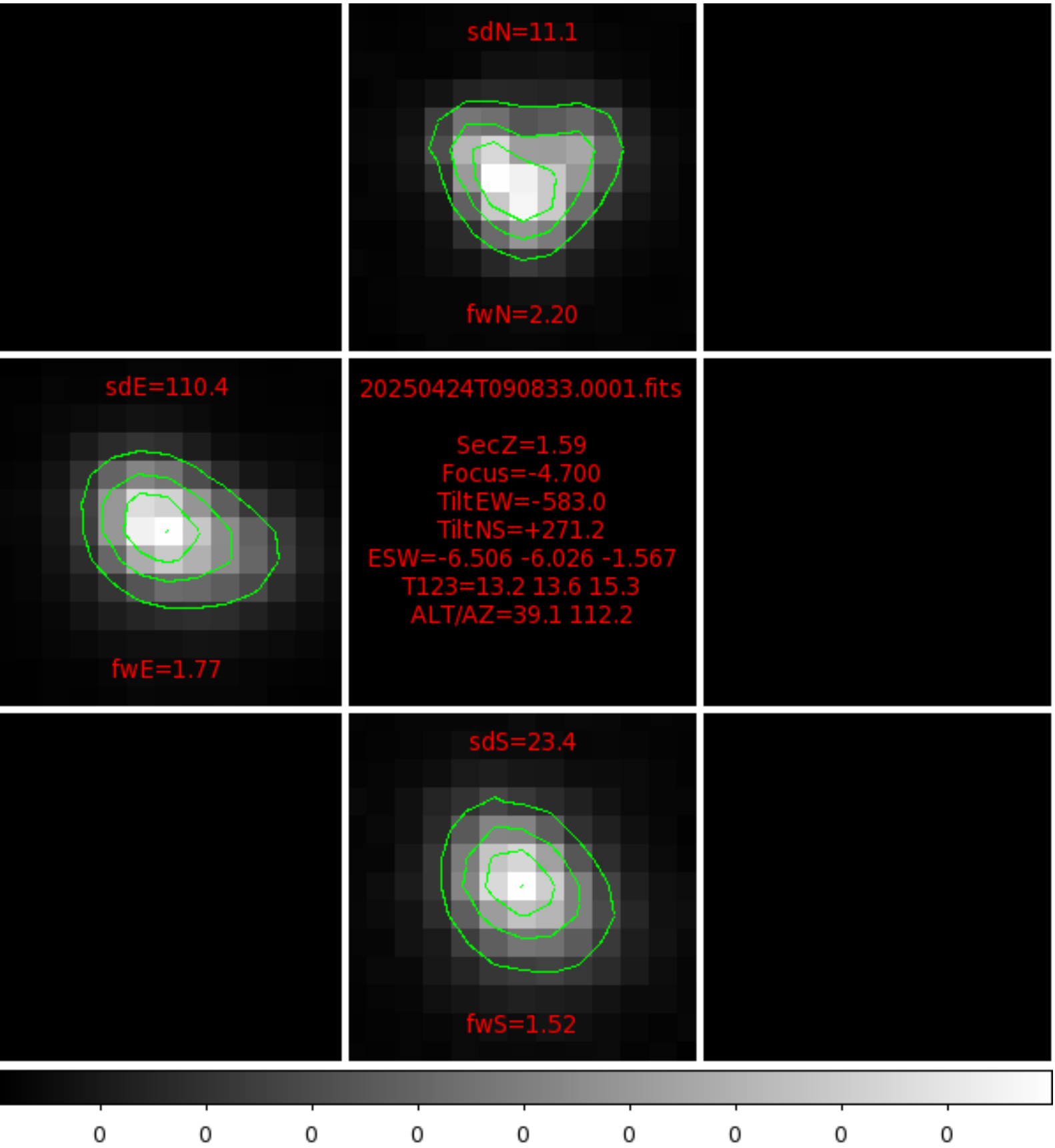
sdN=11.1
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sdE=110.4
fwE=1.77
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SecZ=1.59
Focus=-4.700
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.506 -6.026 -1.567
T123=13.2 13.6 15.3
ALT/AZ=39.1 112.2
sdS=23.4
fwS=1.52
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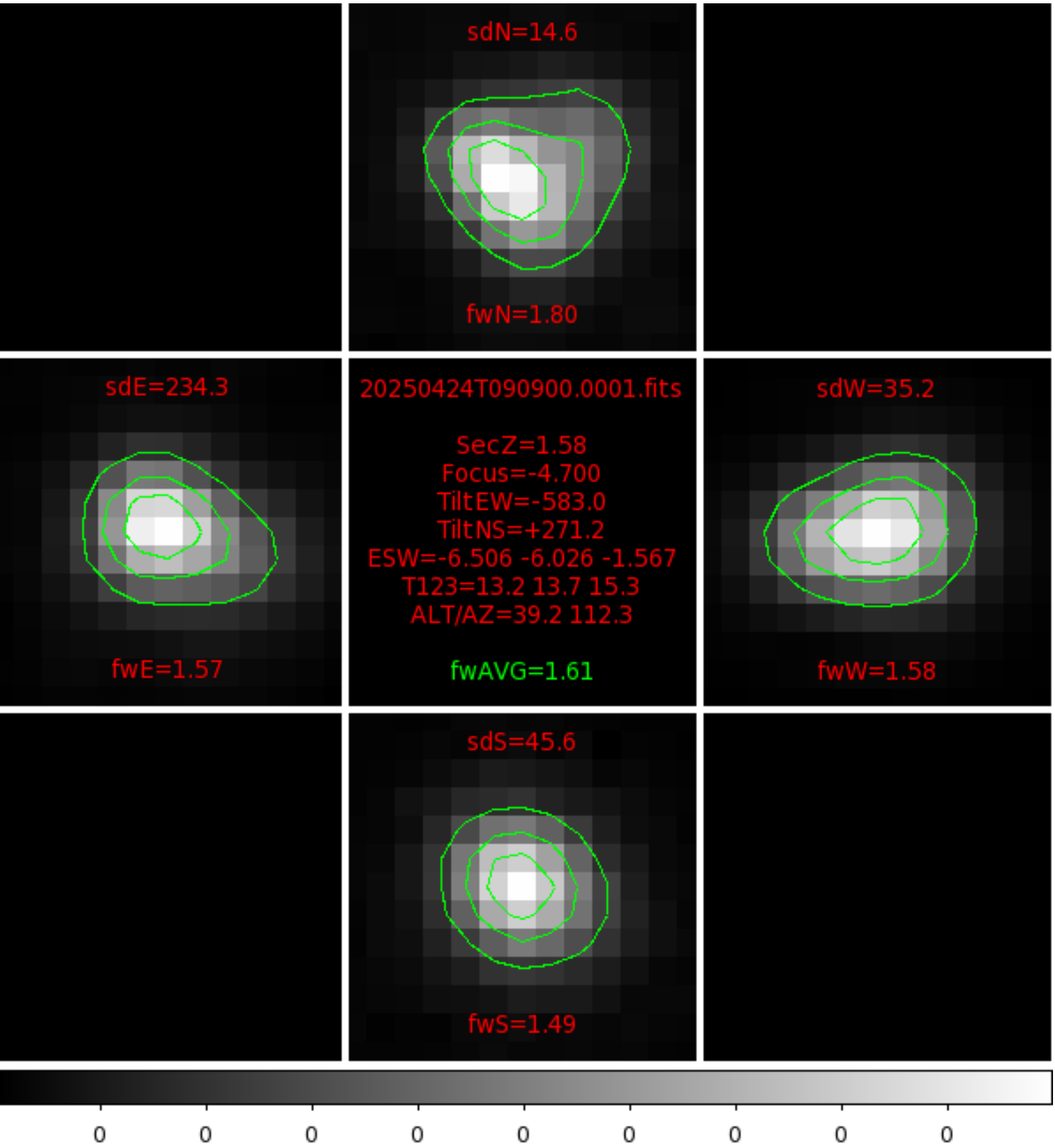
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SecZ=1.58
Focus=-4.700
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.506 -6.026 -1.567
T123=13.2 13.7 15.3
ALT/AZ=39.2 112.3
fwAVG=1.61
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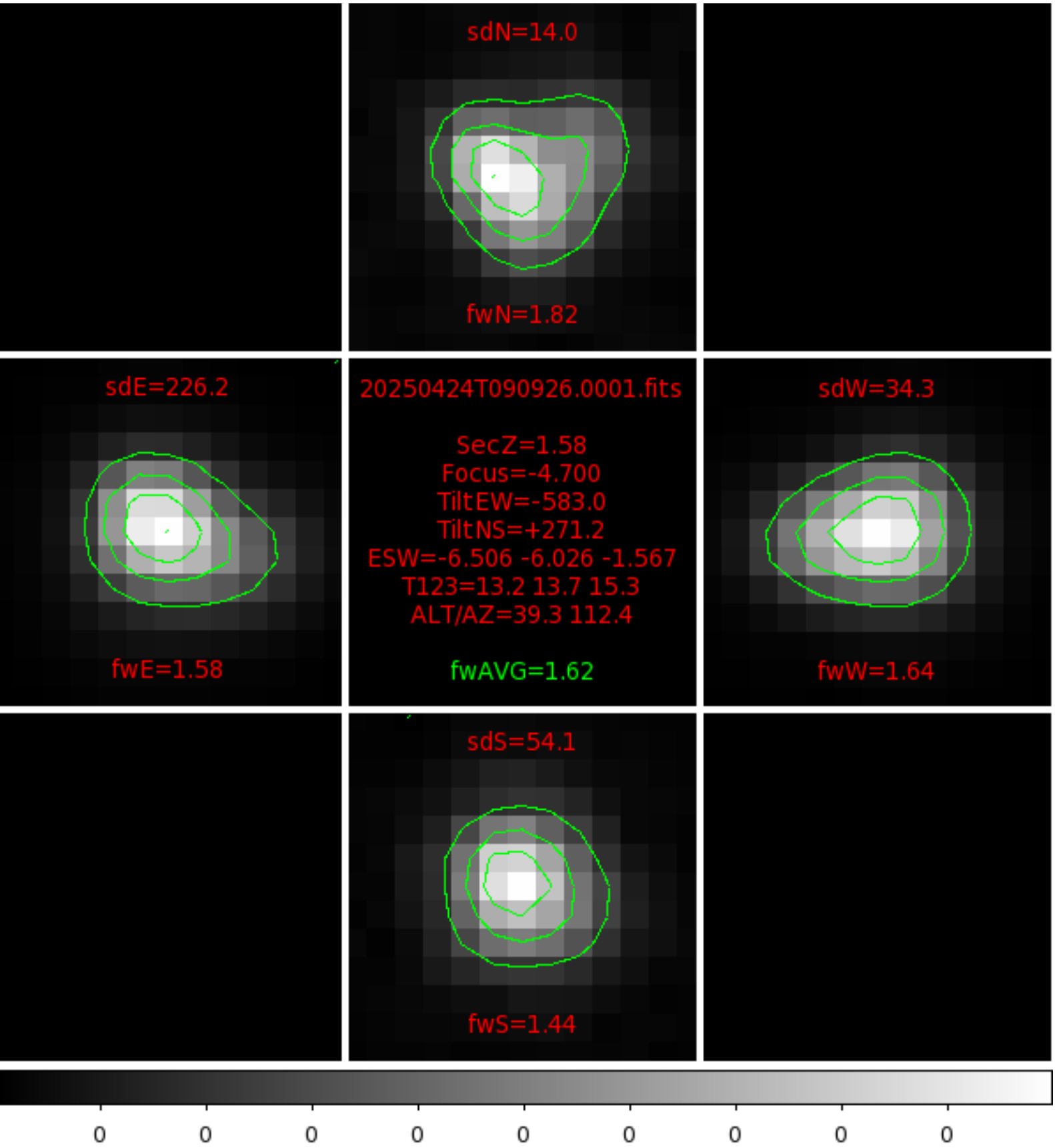
sdN=14.0
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sdE=226.2
fwE=1.58
20250424T090926.0001.fits
SecZ=1.58
Focus=-4.700
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.506 -6.026 -1.567
T123=13.2 13.7 15.3
ALT/AZ=39.3 112.4
fwAVG=1.62
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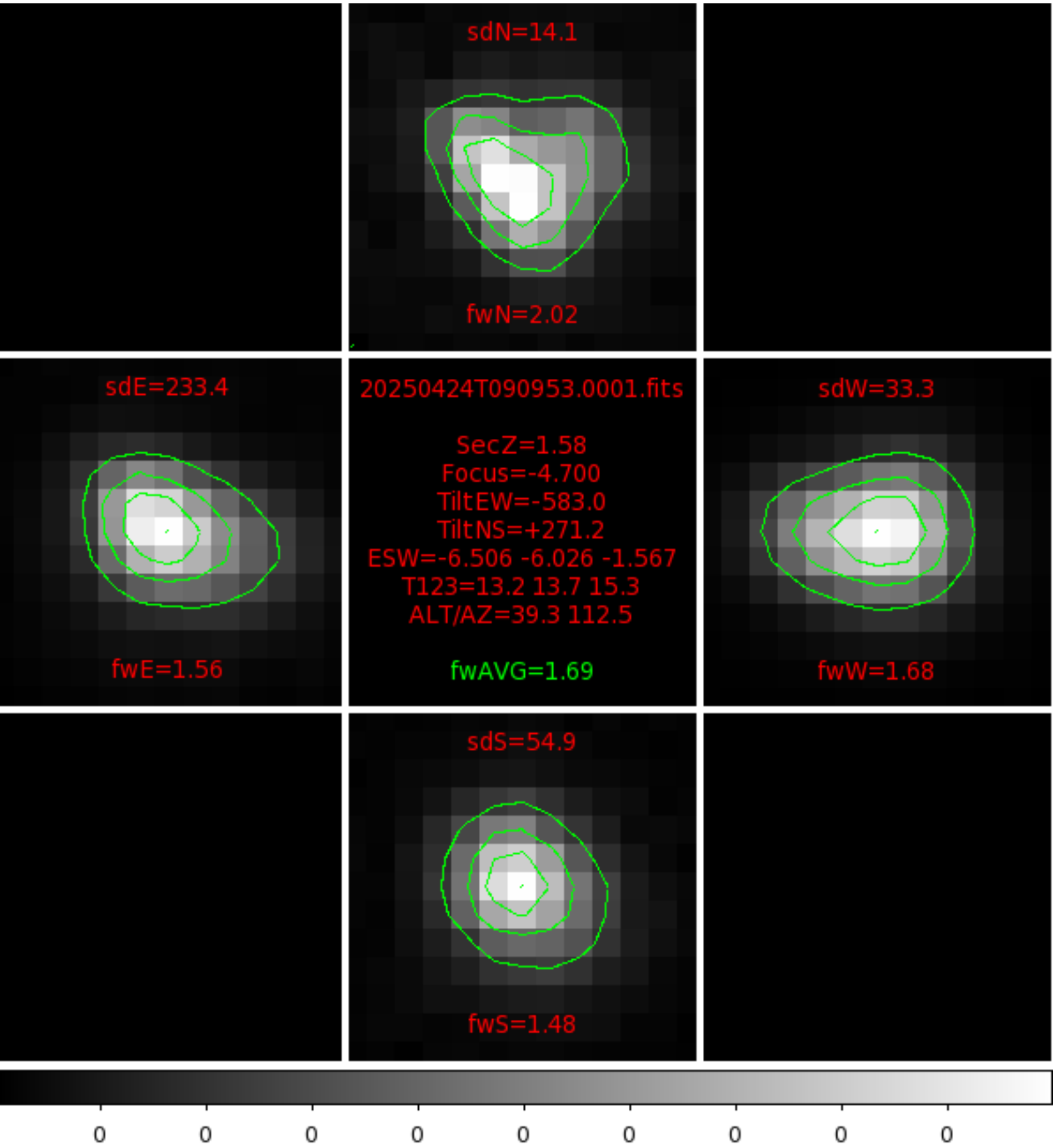
sdN=14.1
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sdE=233.4
fwE=1.56
20250424T090953.0001.fits
SecZ=1.58
Focus=-4.700
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.506 -6.026 -1.567
T123=13.2 13.7 15.3
ALT/AZ=39.3 112.5
fwAVG=1.69
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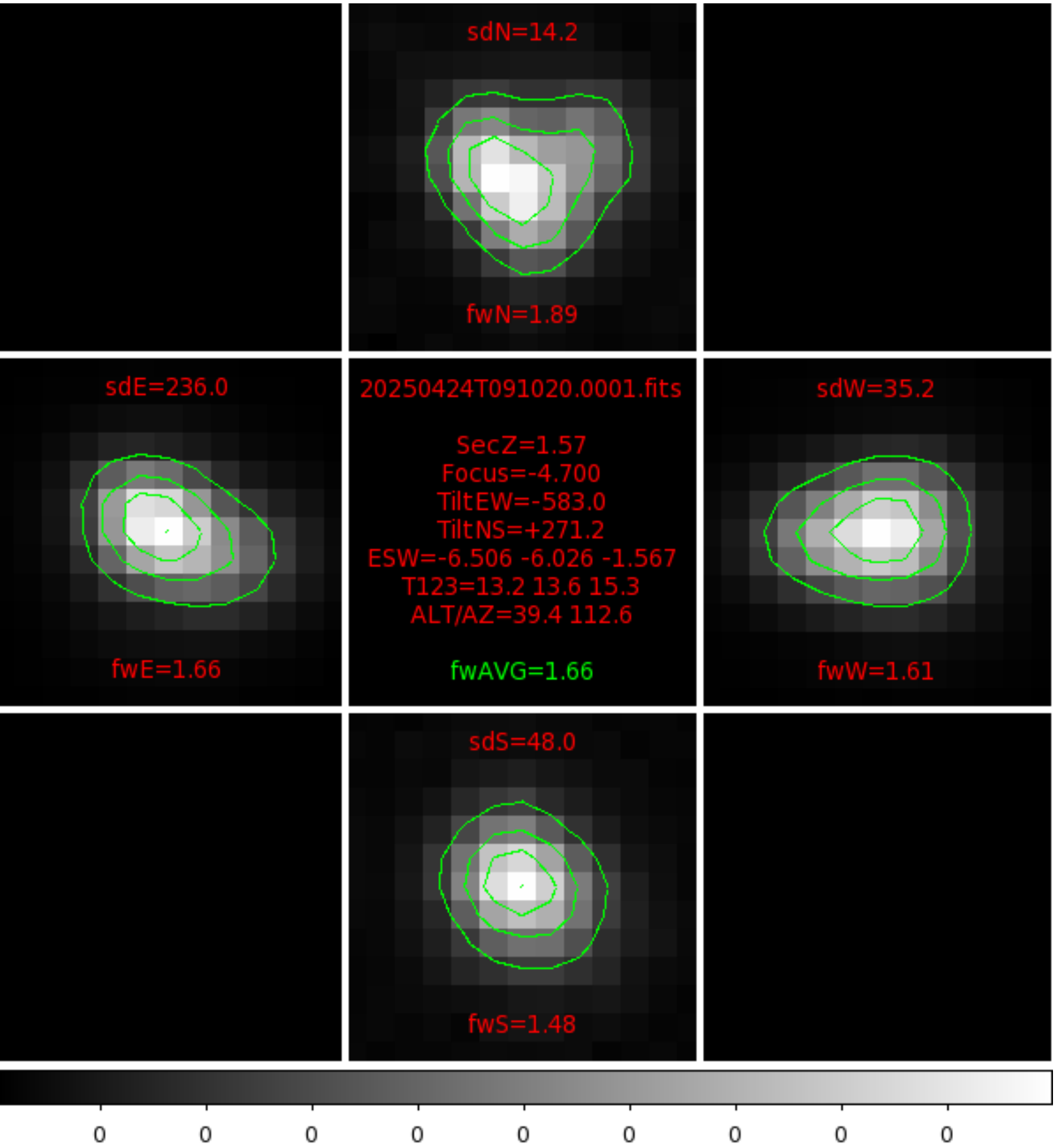
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20250424T091020.0001.fits
SecZ=1.57
Focus=-4.700
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.506 -6.026 -1.567
T123=13.2 13.6 15.3
ALT/AZ=39.4 112.6
fwAVG=1.66
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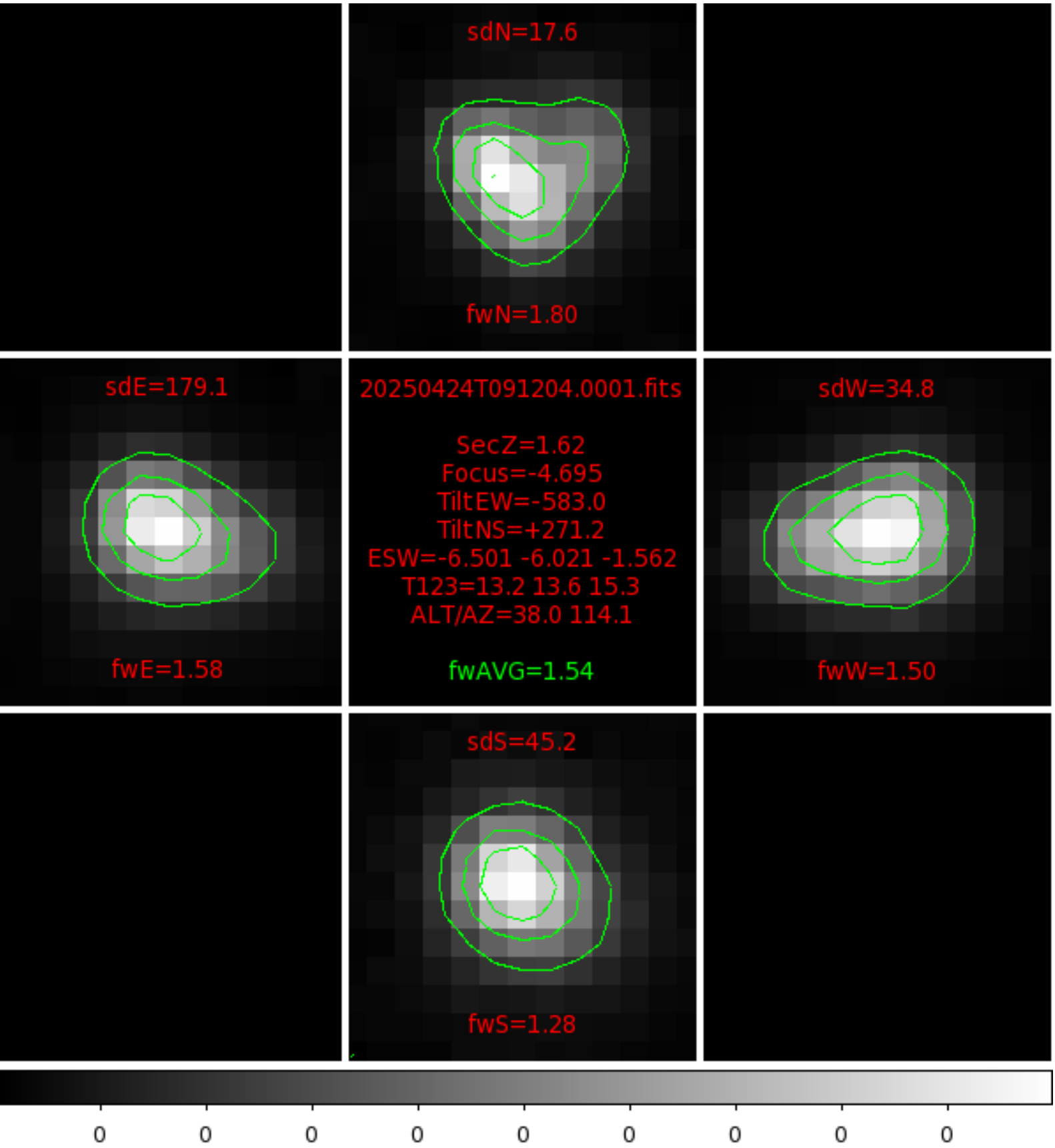
sdN=17.6
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sdE=179.1
fwE=1.58
20250424T091204.0001.fits
SecZ=1.62
Focus=-4.695
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.501 -6.021 -1.562
T123=13.2 13.6 15.3
ALT/AZ=38.0 114.1
fwAVG=1.54
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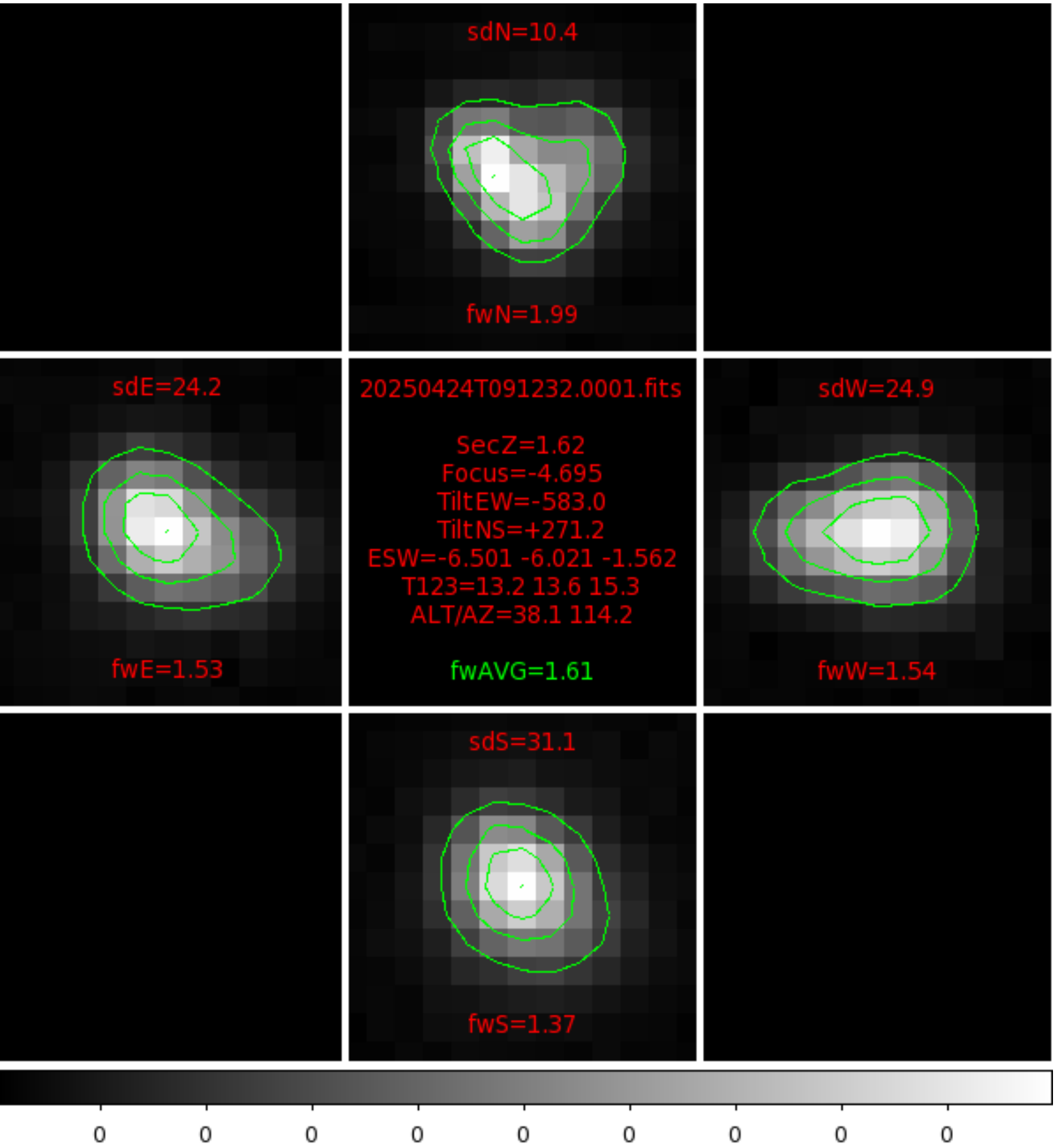
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sdE=24.2
fwE=1.53
20250424T091232.0001.fits
SecZ=1.62
Focus=-4.695
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.501 -6.021 -1.562
T123=13.2 13.6 15.3
ALT/AZ=38.1 114.2
fwAVG=1.61
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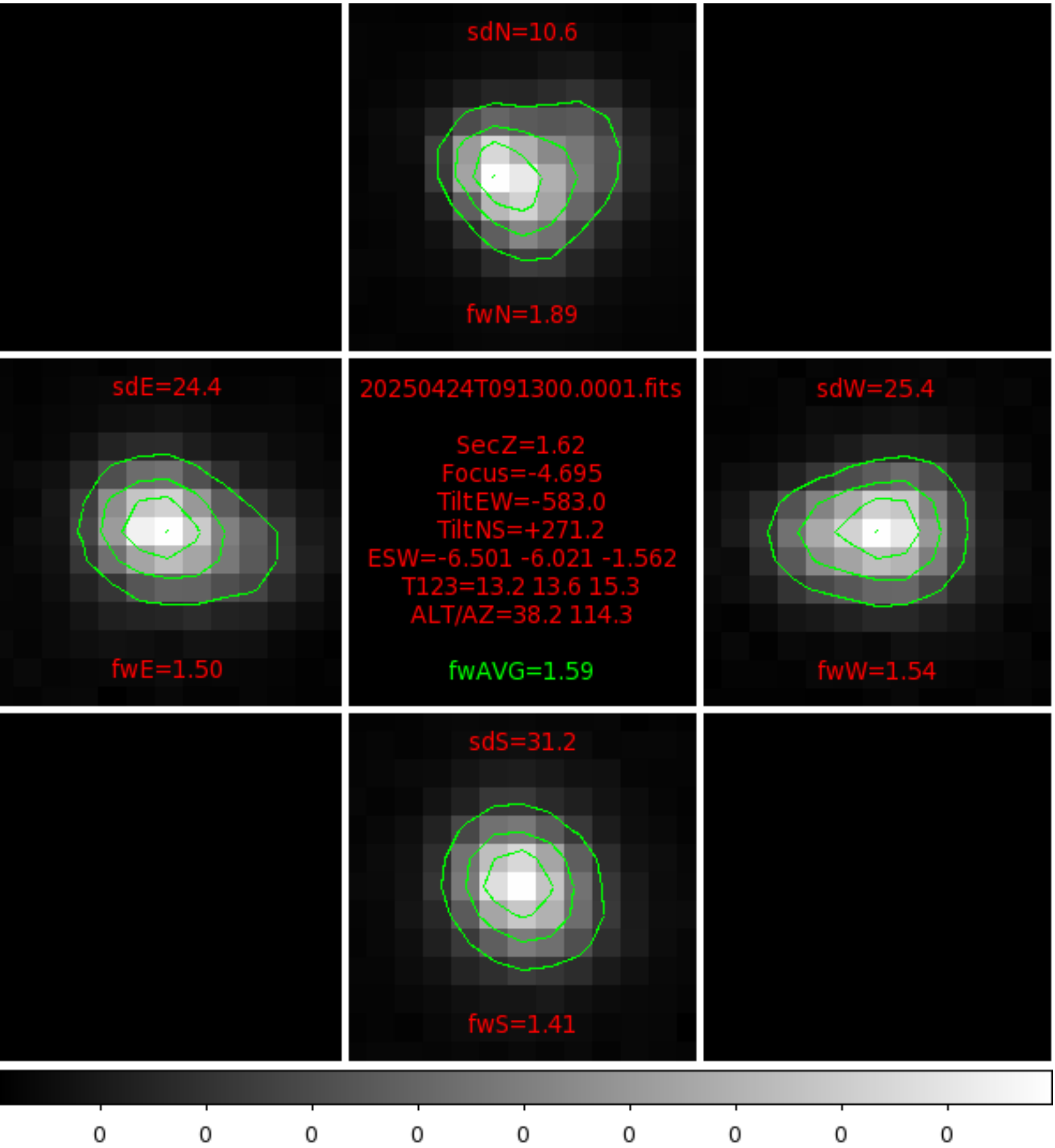
sdN=10.6
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sdE=24.4
fwE=1.50
20250424T091300.0001.fits
SecZ=1.62
Focus=-4.695
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.501 -6.021 -1.562
T123=13.2 13.6 15.3
ALT/AZ=38.2 114.3
fwAVG=1.59
sdW=25.4
fwW=1.54
sdS=31.2
fwS=1.41
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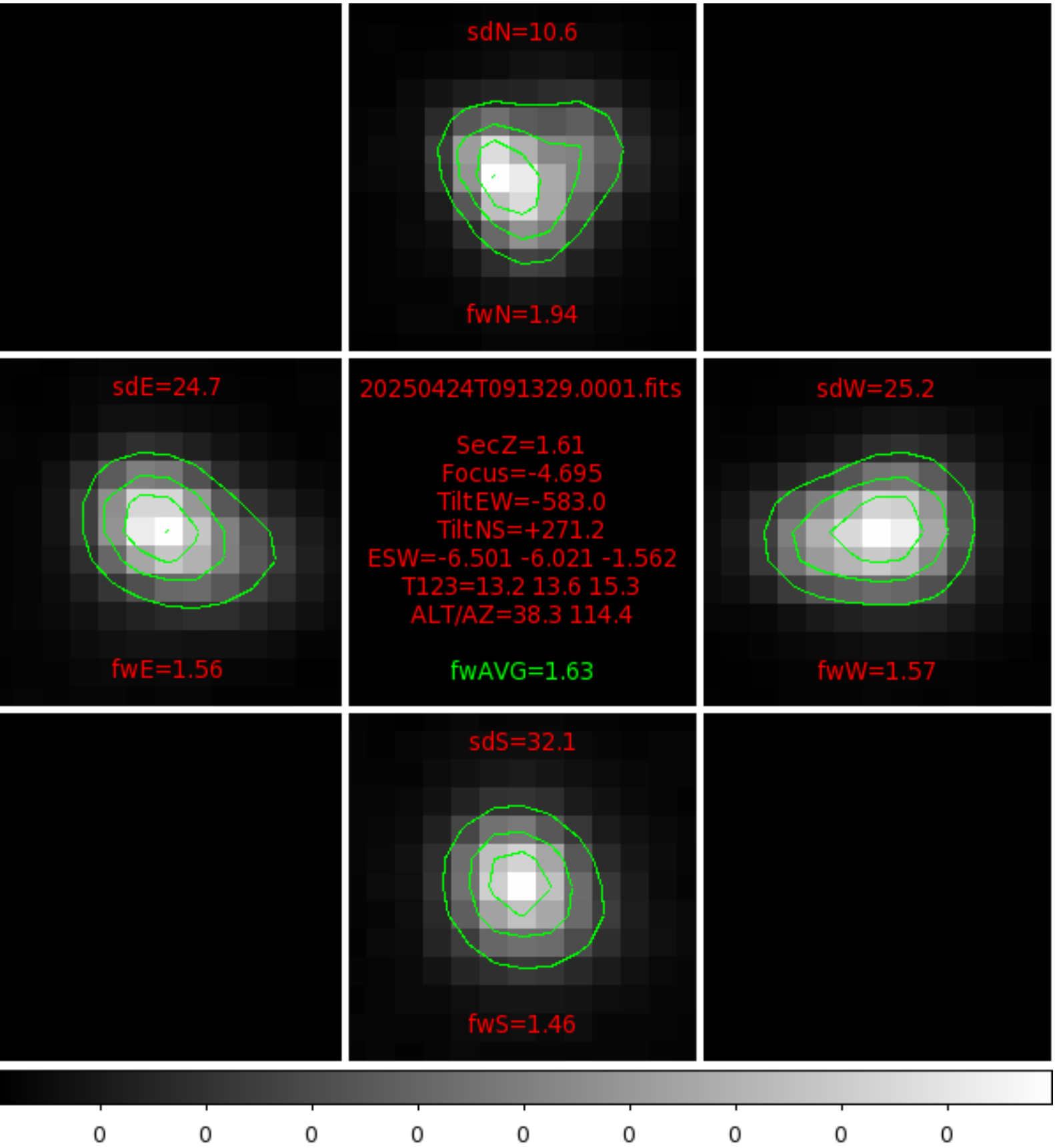
sdN=10.6
fwN=1.94
sdE=24.7
fwE=1.56
20250424T091329.0001.fits
SecZ=1.61
Focus=-4.695
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.501 -6.021 -1.562
T123=13.2 13.6 15.3
ALT/AZ=38.3 114.4
fwAVG=1.63
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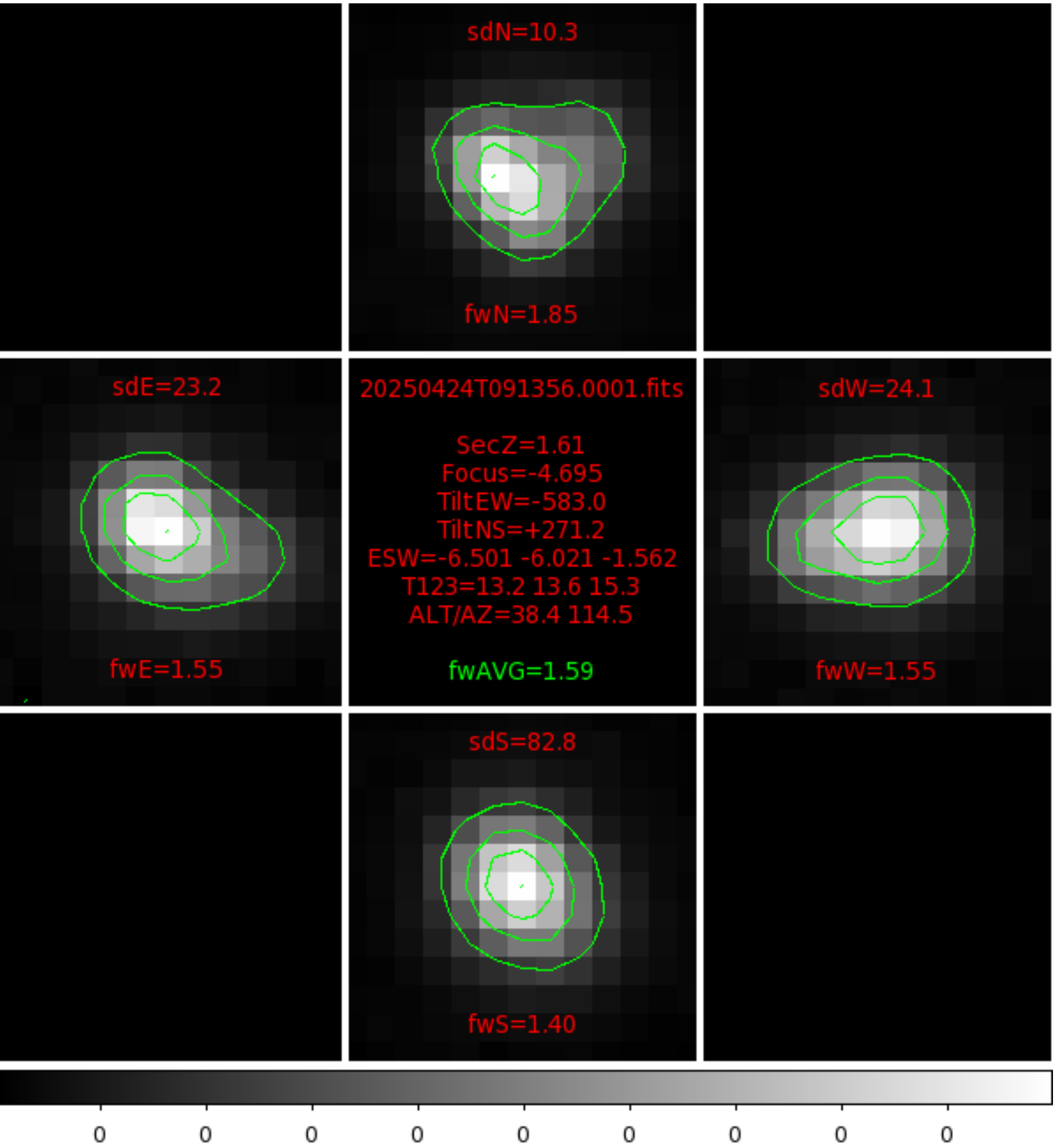
sdN=10.3
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sdE=23.2
fwE=1.55
20250424T091356.0001.fits
SecZ=1.61
Focus=-4.695
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.501 -6.021 -1.562
T123=13.2 13.6 15.3
ALT/AZ=38.4 114.5
fwAVG=1.59
sdW=24.1
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sdS=82.8
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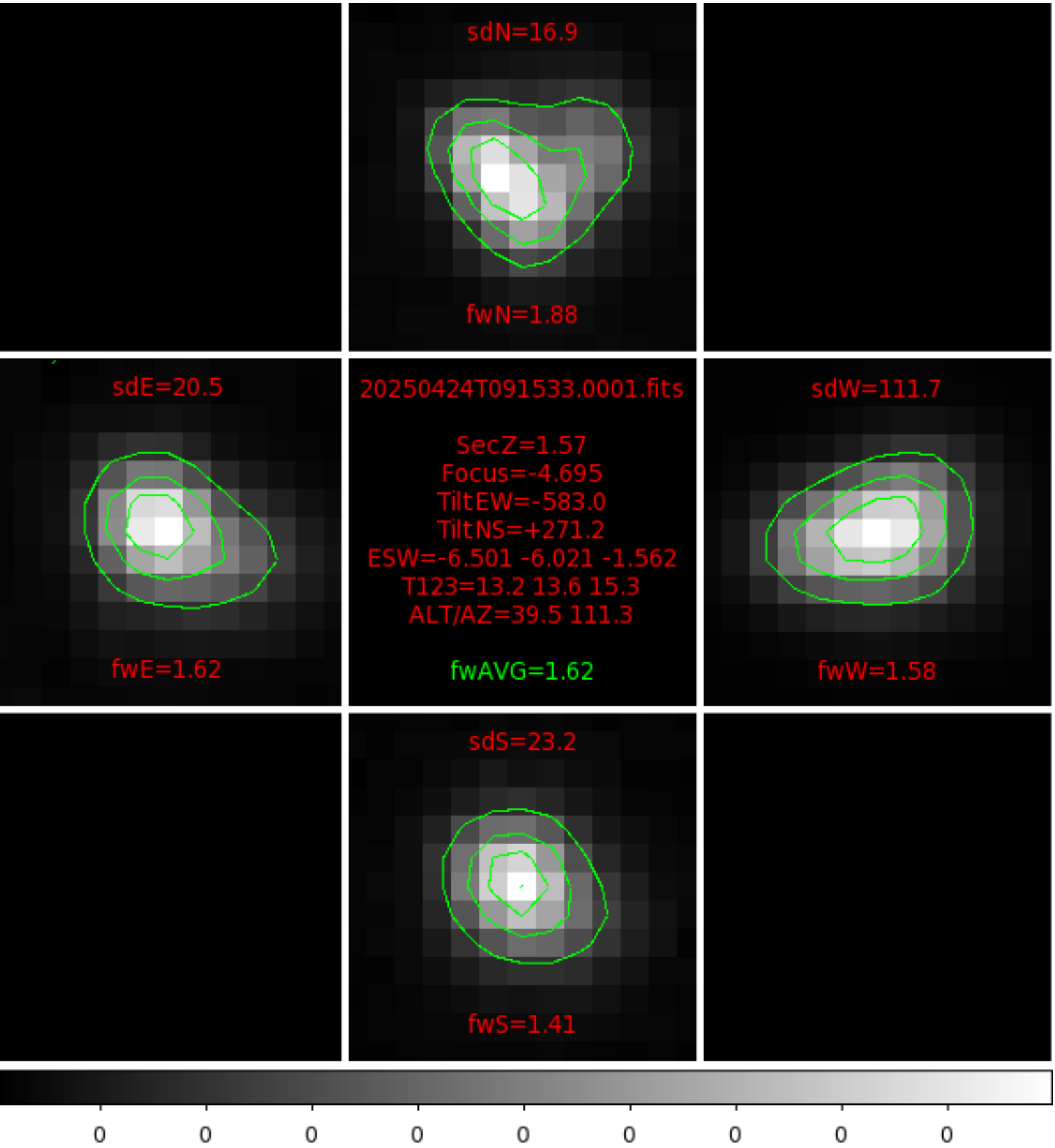
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sdE=20.5
fwE=1.62
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SecZ=1.57
Focus=-4.695
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.501 -6.021 -1.562
T123=13.2 13.6 15.3
ALT/AZ=39.5 111.3
fwAVG=1.62
sdW=111.7
fwW=1.58
sdS=23.2
fwS=1.41
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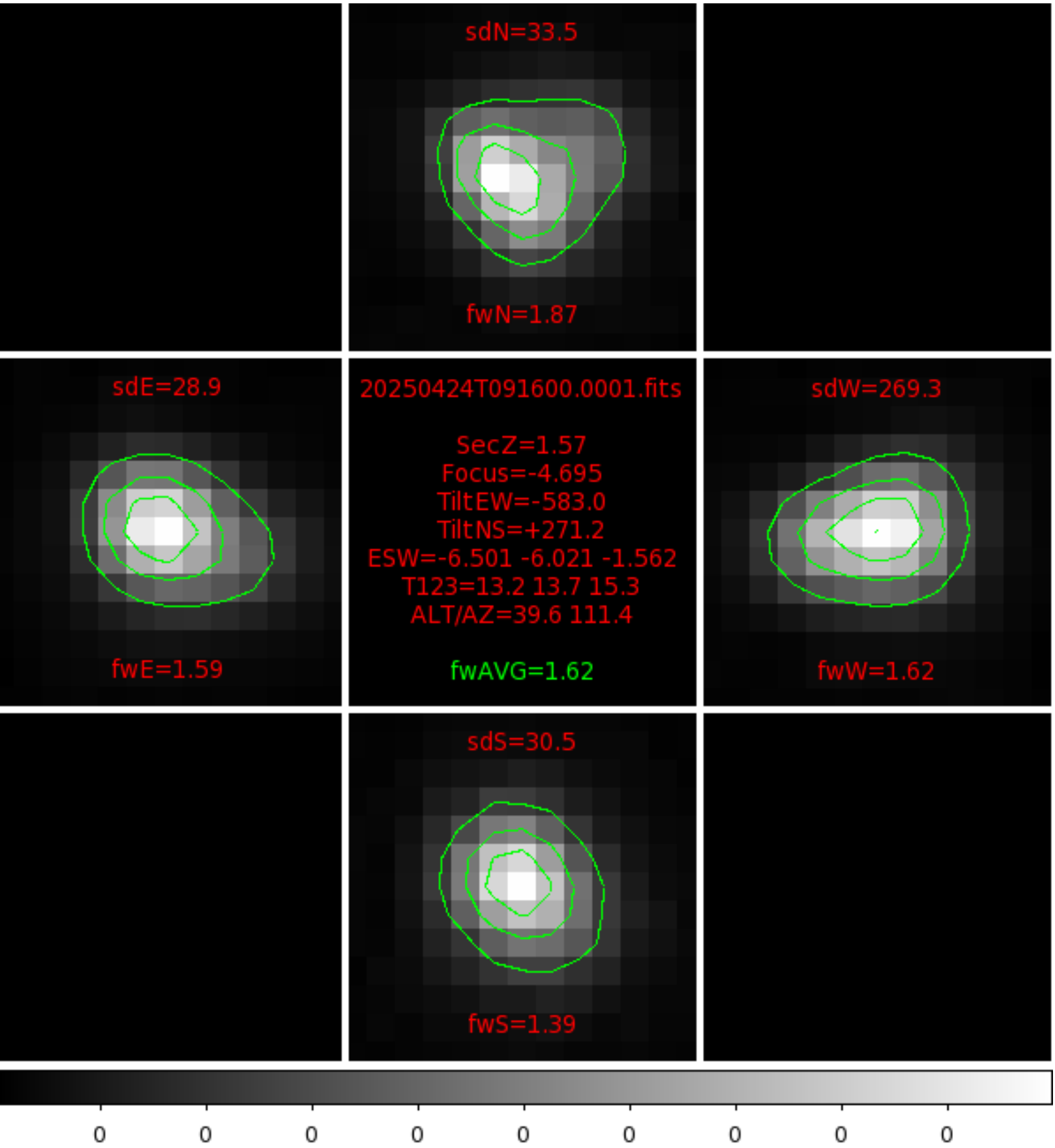
sdN=33.5
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sdE=28.9
fwE=1.59
20250424T091600.0001.fits
SecZ=1.57
Focus=-4.695
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.501 -6.021 -1.562
T123=13.2 13.7 15.3
ALT/AZ=39.6 111.4
fwAVG=1.62
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sdS=30.5
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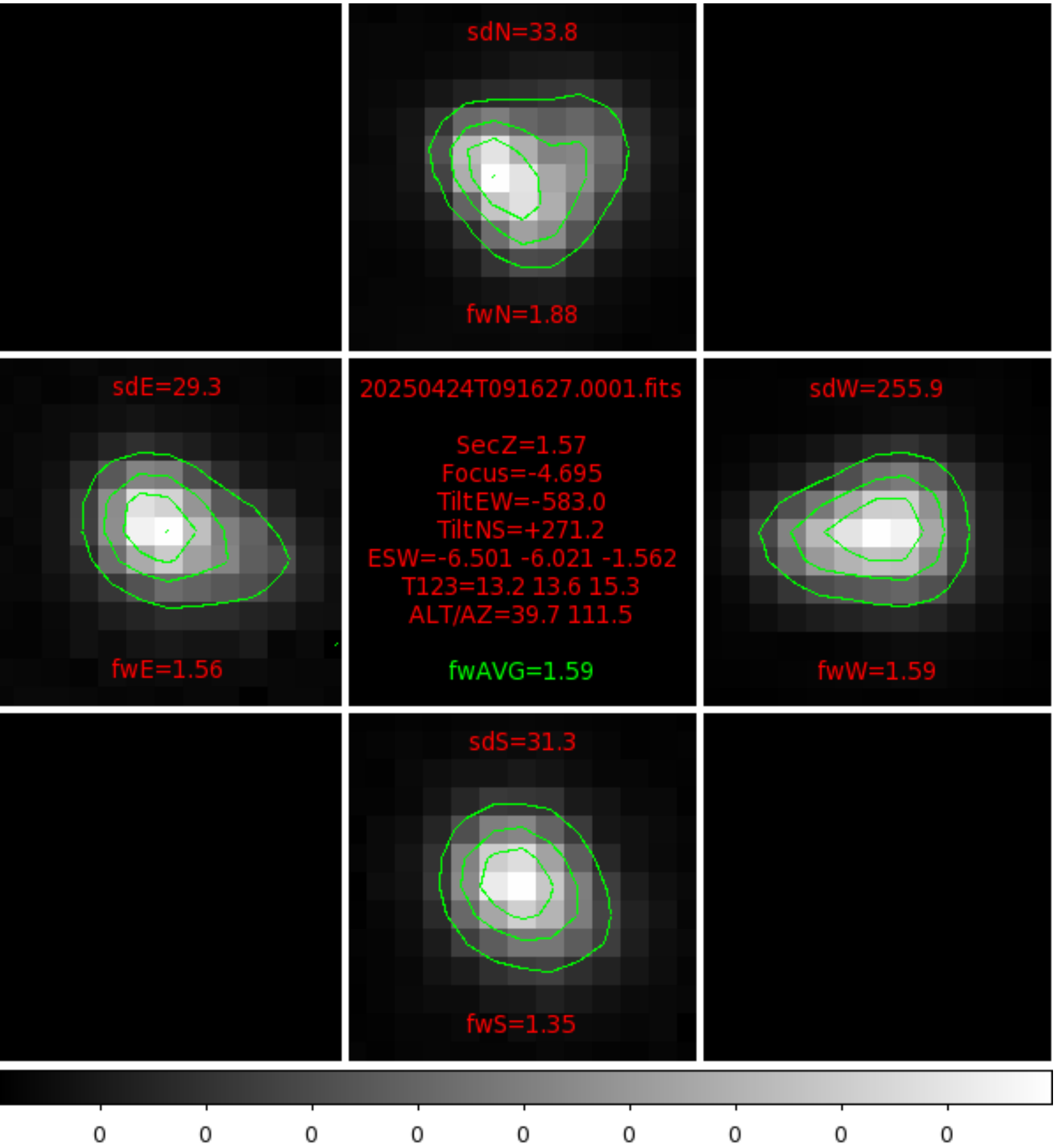
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sdE=29.3
fwE=1.56
20250424T091627.0001.fits
SecZ=1.57
Focus=-4.695
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.501 -6.021 -1.562
T123=13.2 13.6 15.3
ALT/AZ=39.7 111.5
fwAVG=1.59
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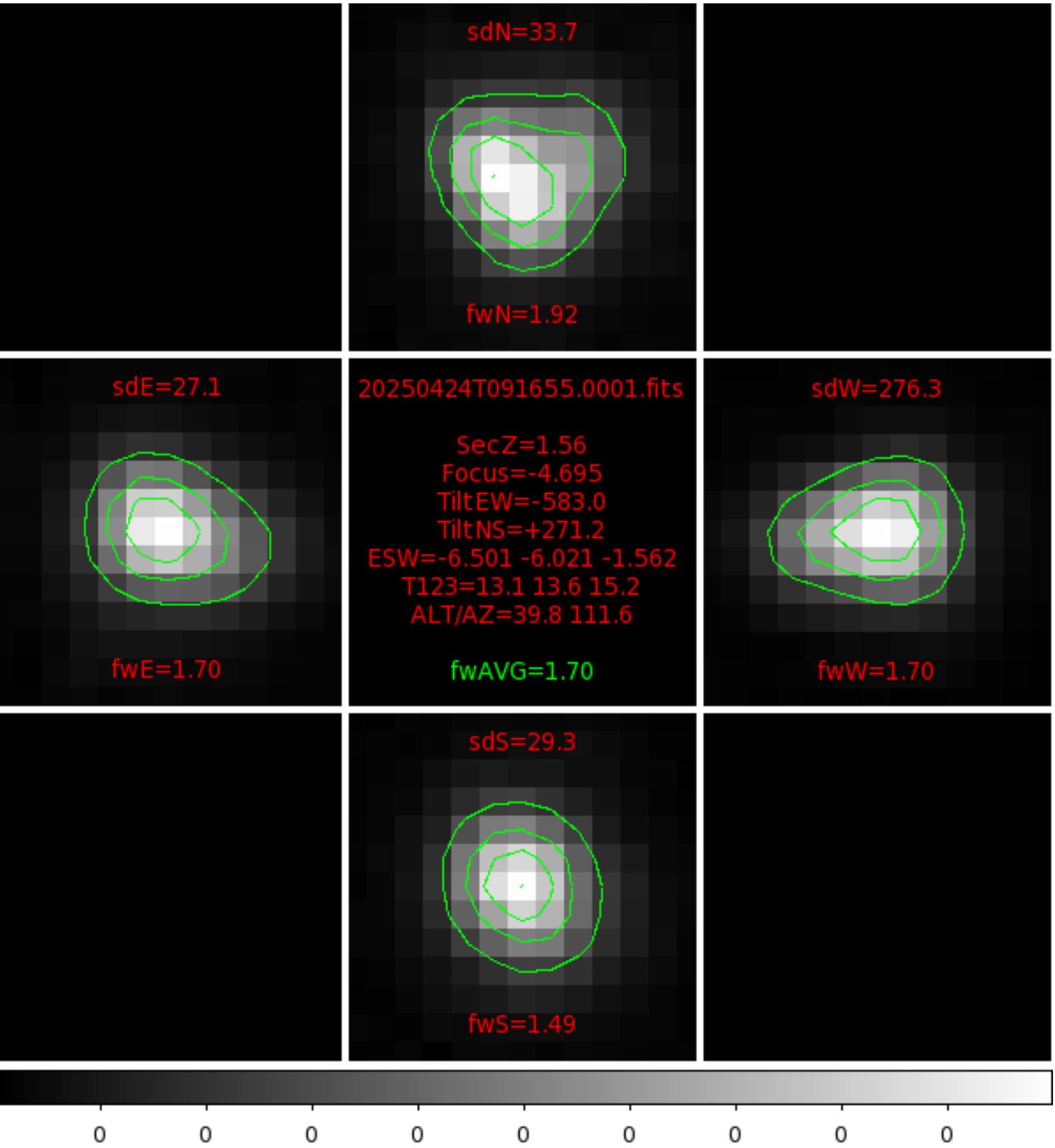
sdN=33.7
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SecZ=1.56
Focus=-4.695
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.501 -6.021 -1.562
T123=13.1 13.6 15.2
ALT/AZ=39.8 111.6
fwAVG=1.70
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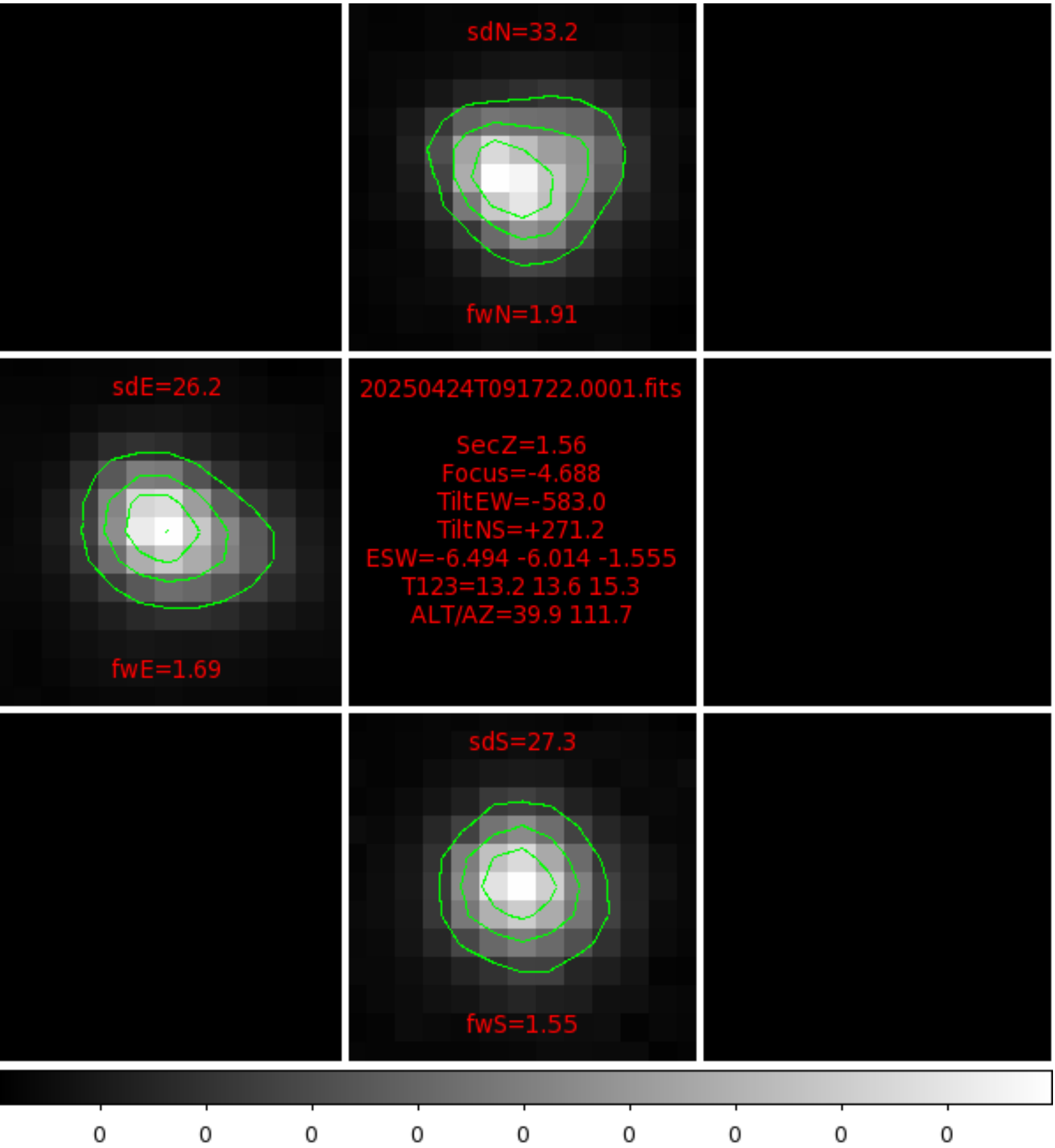
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fwE=1.69
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SecZ=1.56
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.6 15.3
ALT/AZ=39.9 111.7
sdS=27.3
fwS=1.55
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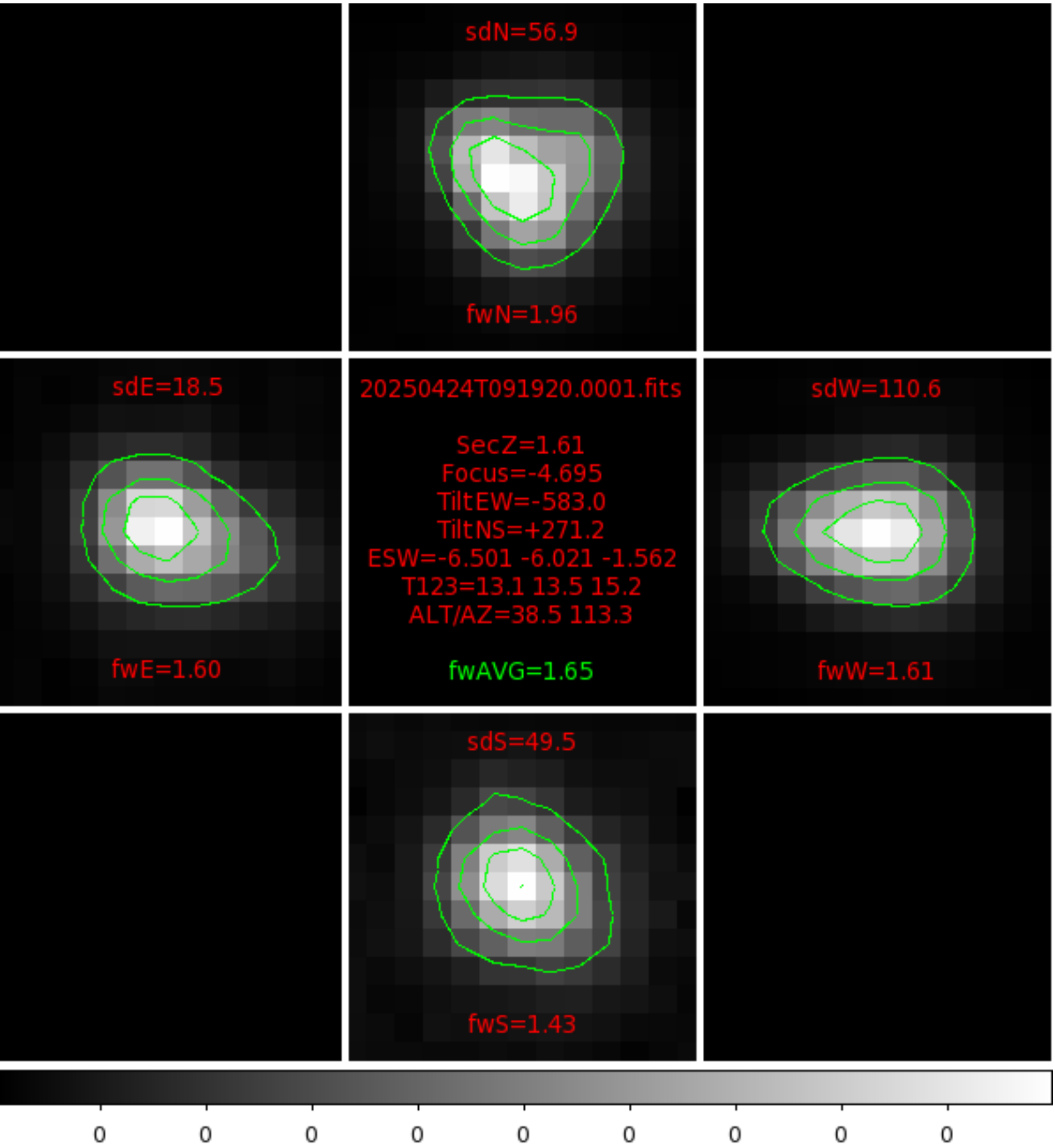
sdN=56.9
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sdE=18.5
fwE=1.60
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SecZ=1.61
Focus=-4.695
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.501 -6.021 -1.562
T123=13.1 13.5 15.2
ALT/AZ=38.5 113.3
fwAVG=1.65
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sdS=49.5
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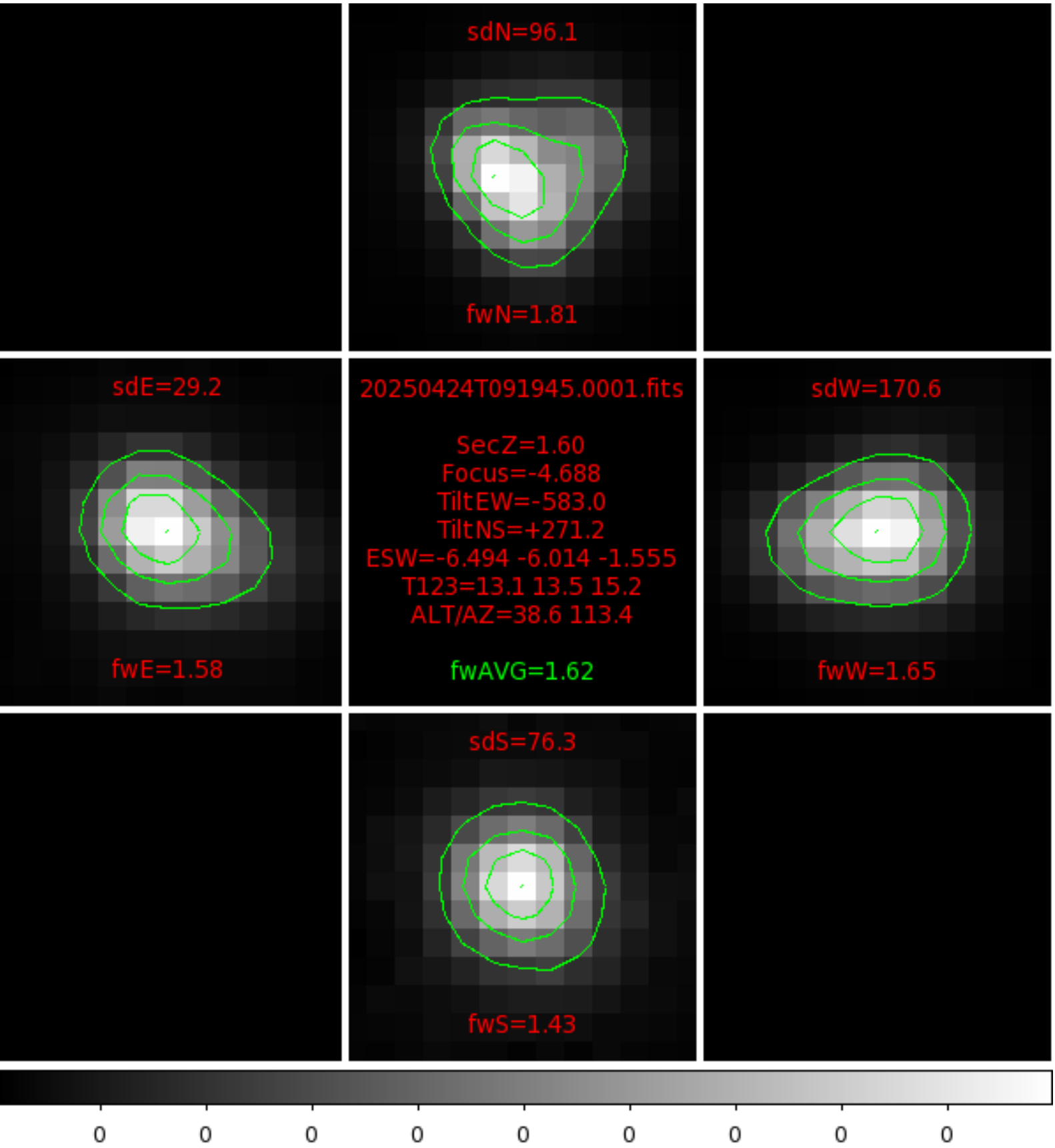
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SecZ=1.60
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.2
ALT/AZ=38.6 113.4
fwAVG=1.62
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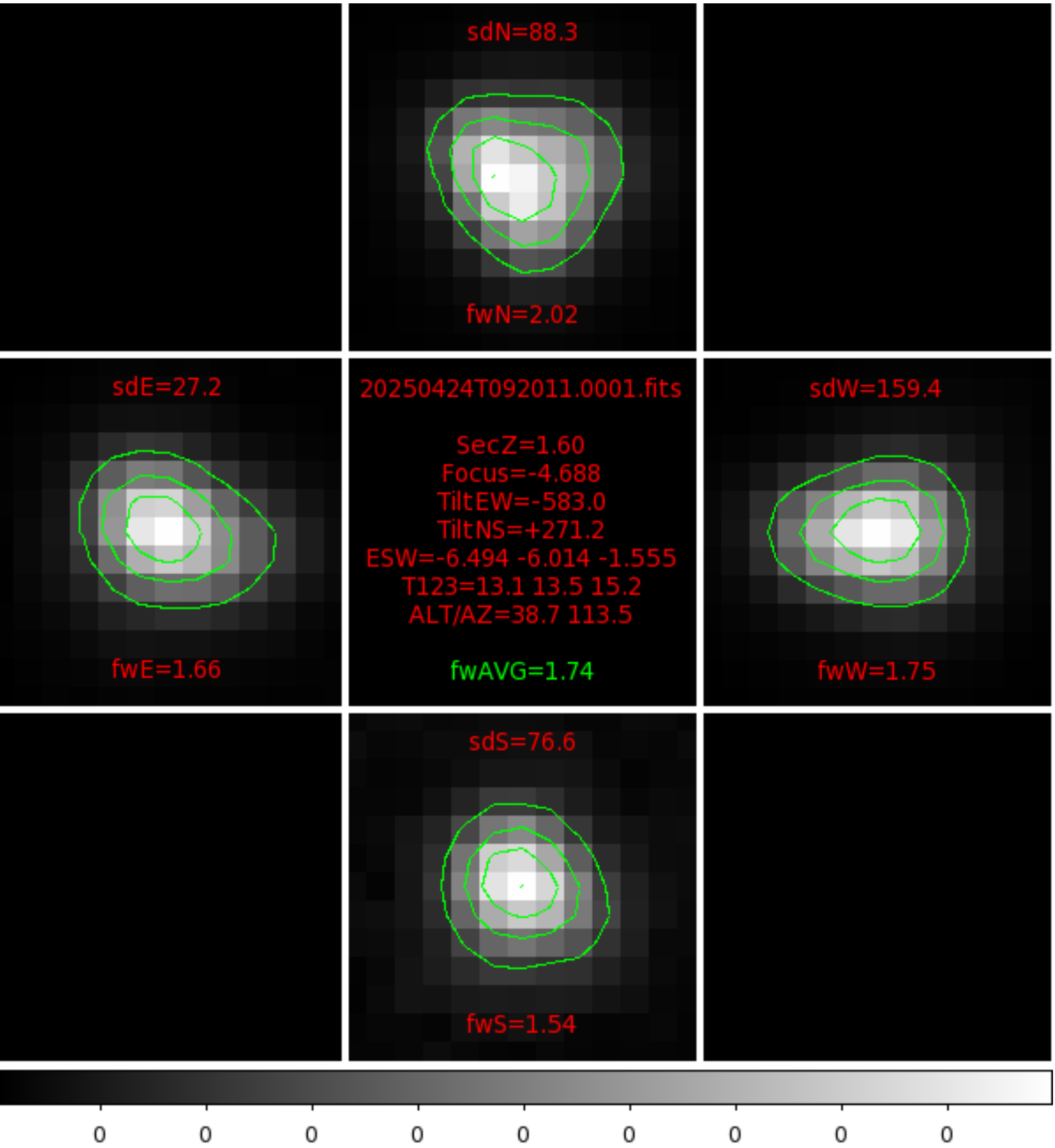
sdN=88.3
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sdE=27.2
fwE=1.66
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SecZ=1.60
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.2
ALT/AZ=38.7 113.5
fwAVG=1.74
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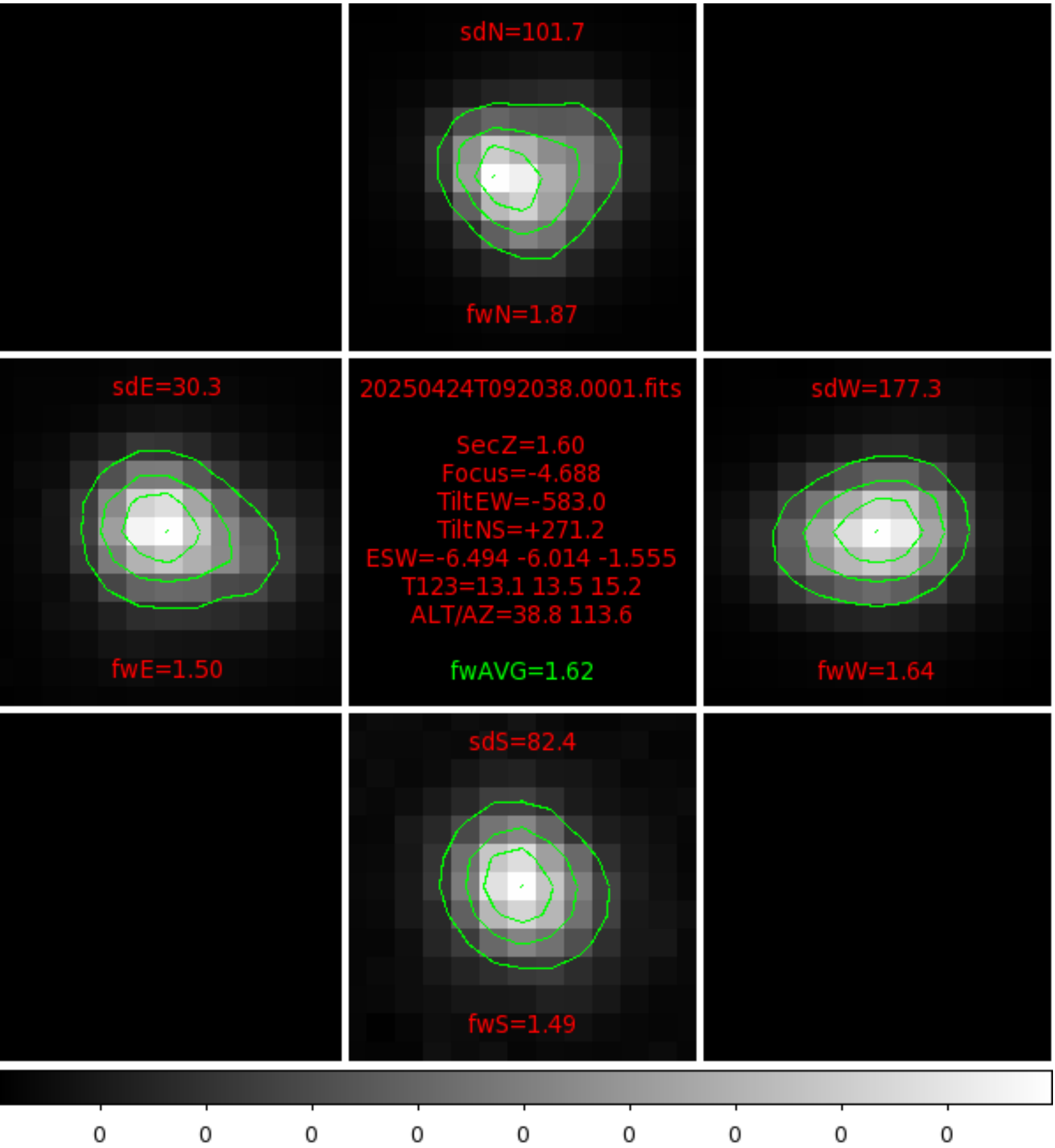
sdN=101.7
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SecZ=1.60
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.2
ALT/AZ=38.8 113.6
fwAVG=1.62
sdW=177.3
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sdS=82.4
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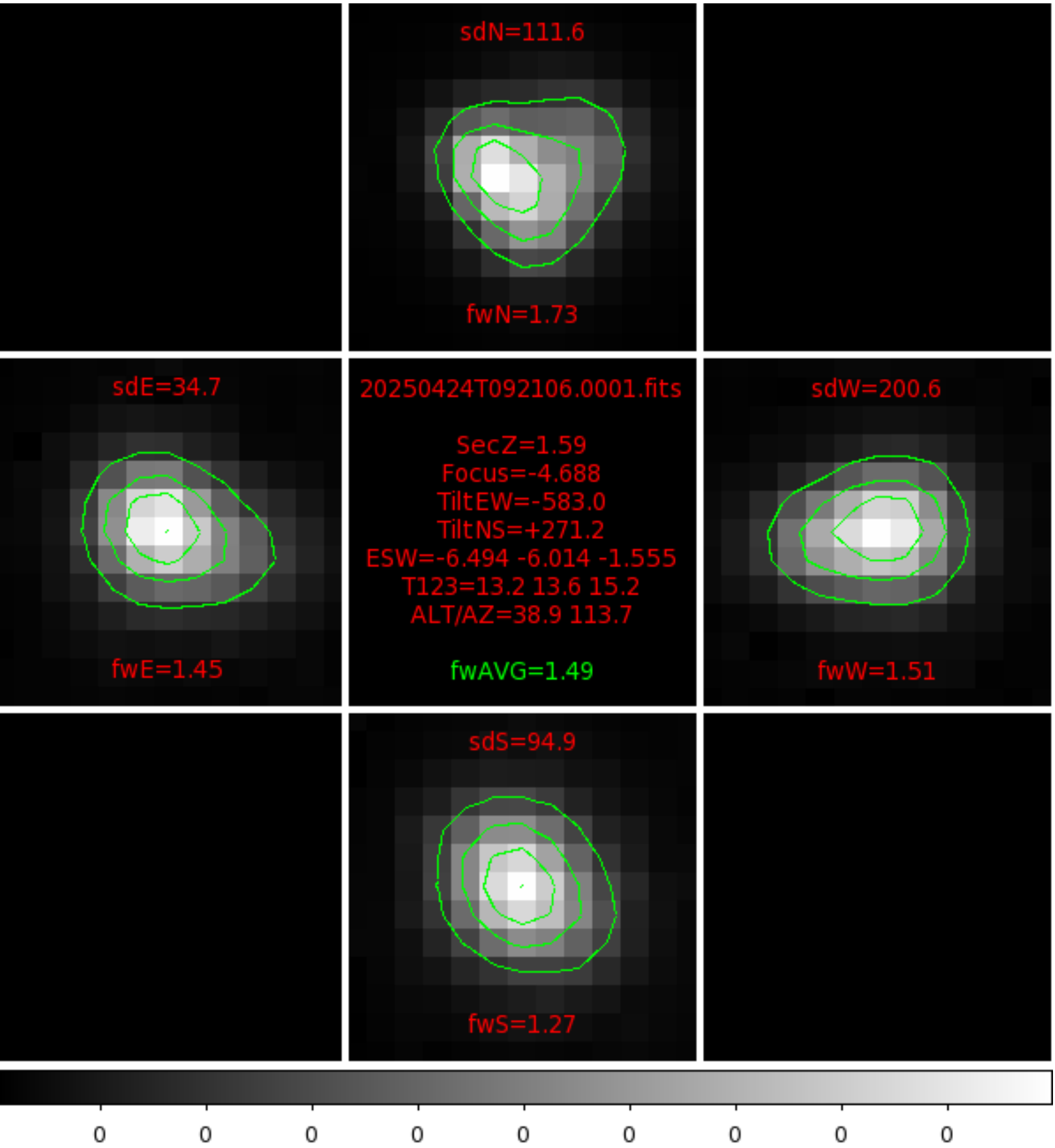
sdN=111.6
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sdE=34.7
fwE=1.45
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SecZ=1.59
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.6 15.2
ALT/AZ=38.9 113.7
fwAVG=1.49
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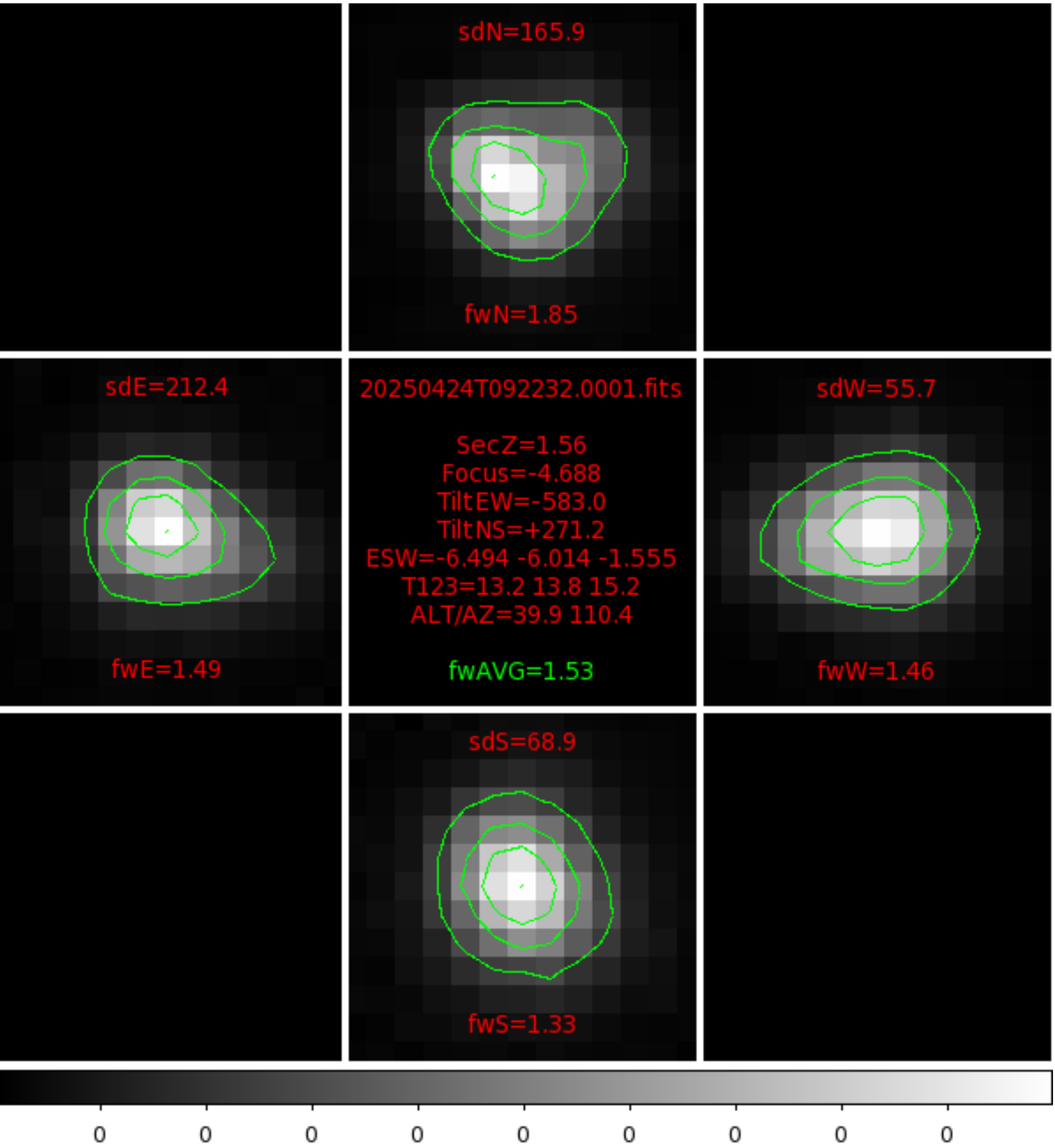
sdN=165.9
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sdE=212.4
fwE=1.49
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SecZ=1.56
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.8 15.2
ALT/AZ=39.9 110.4
fwAVG=1.53
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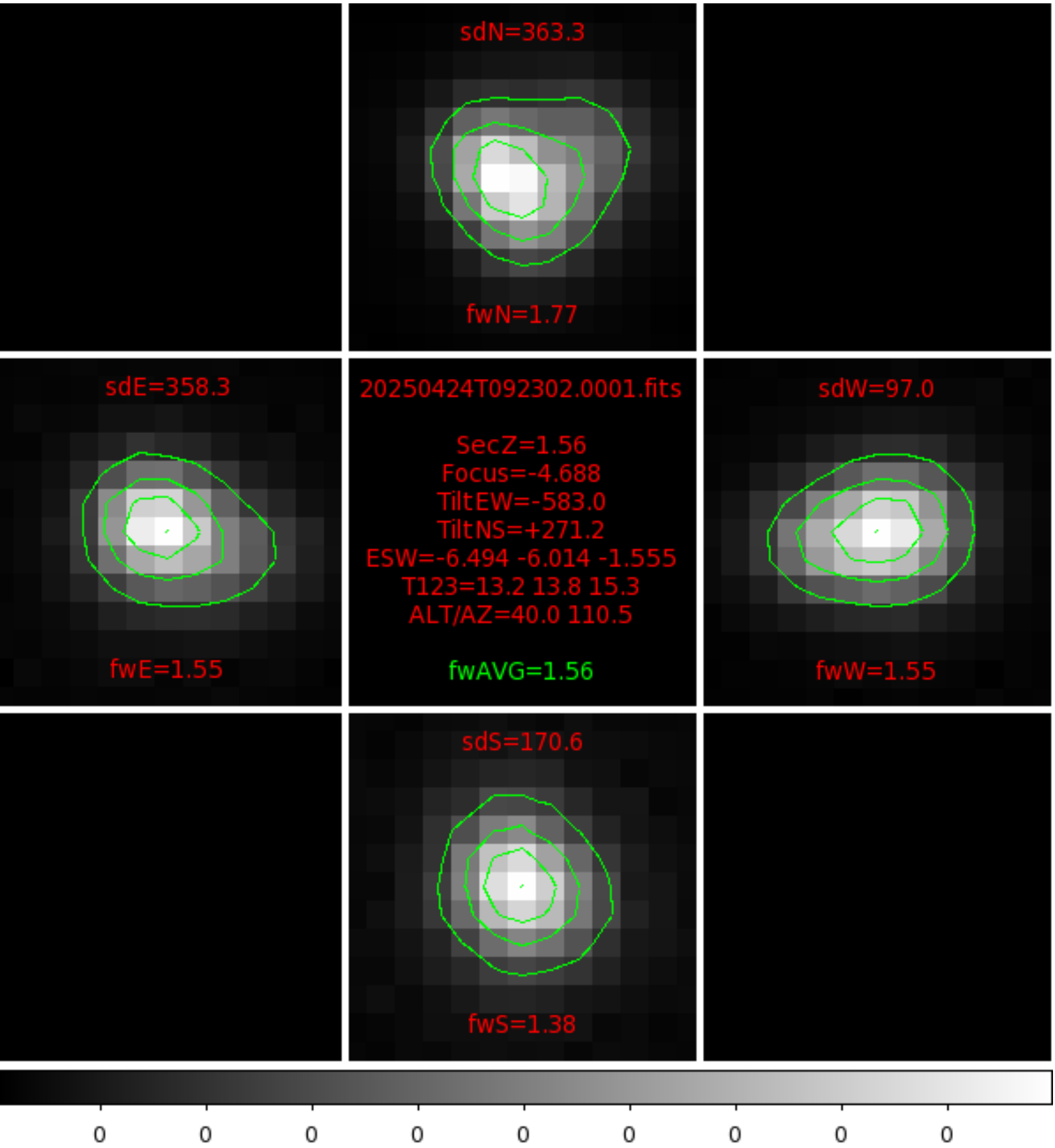
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fwE=1.55
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SecZ=1.56
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.8 15.3
ALT/AZ=40.0 110.5
fwAVG=1.56
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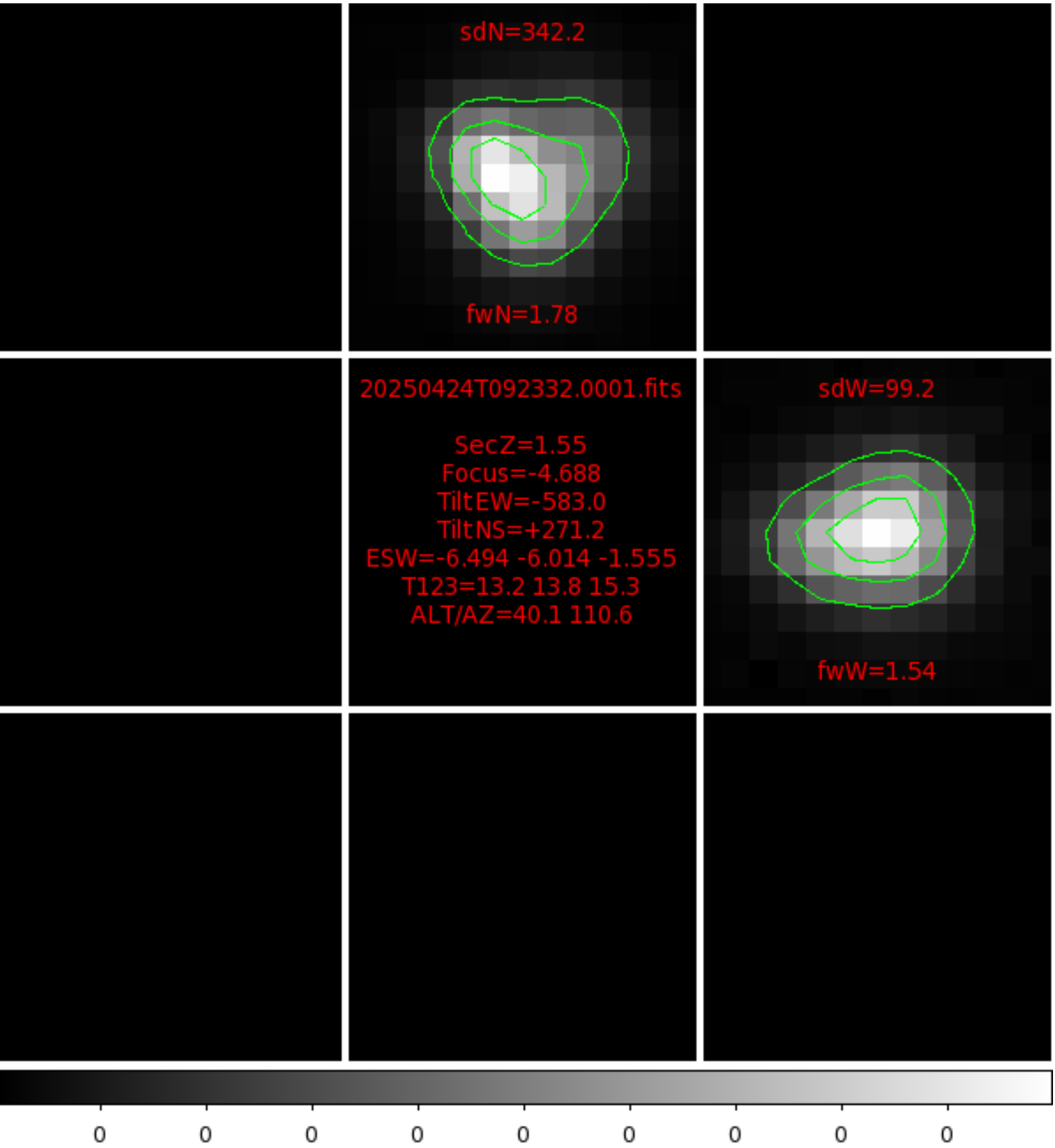
sdN=342.2
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SecZ=1.55
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.8 15.3
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sdW=99.2
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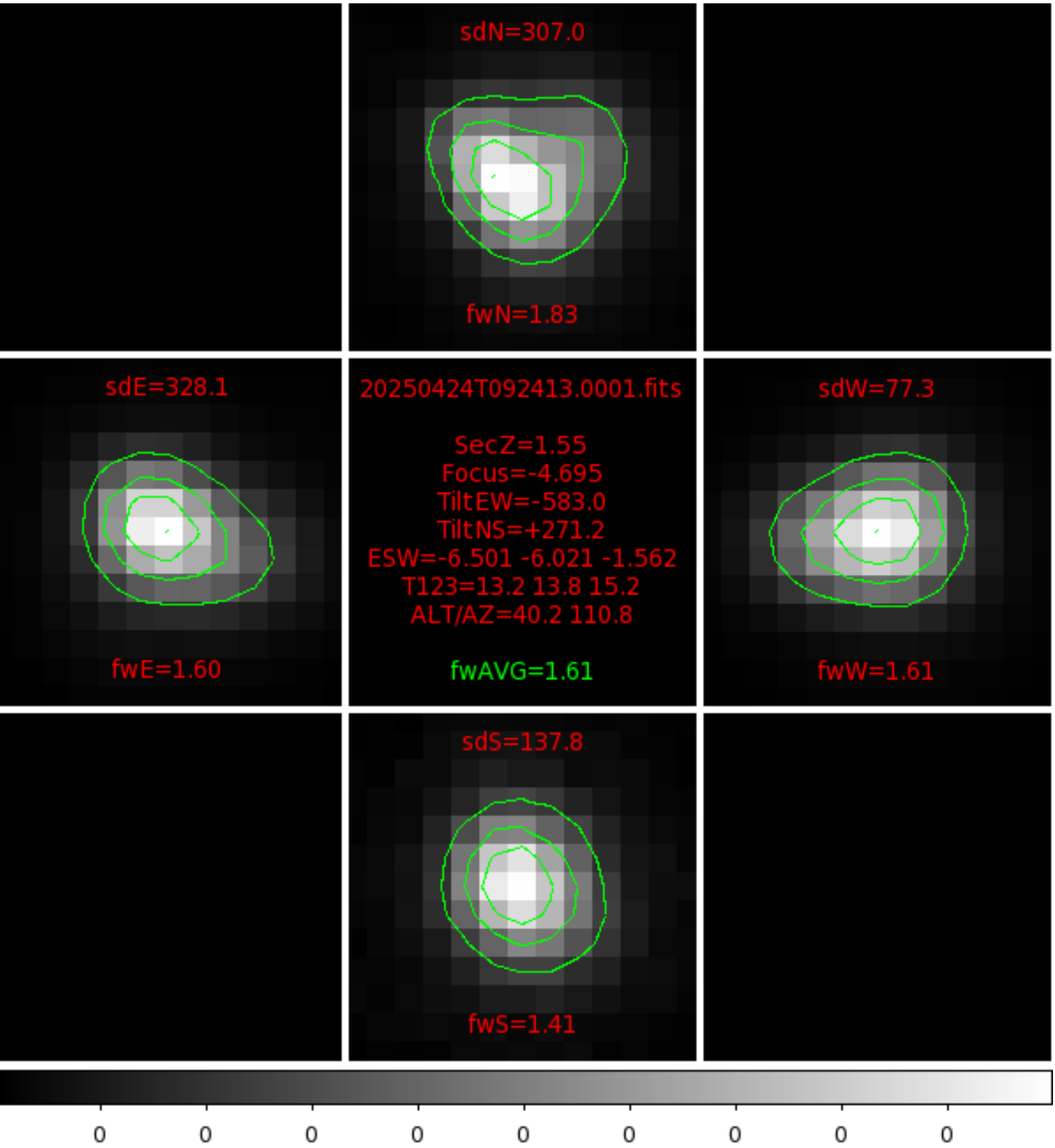
sdN=307.0
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sdE=328.1
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SecZ=1.55
Focus=-4.695
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.501 -6.021 -1.562
T123=13.2 13.8 15.2
ALT/AZ=40.2 110.8
fwAVG=1.61
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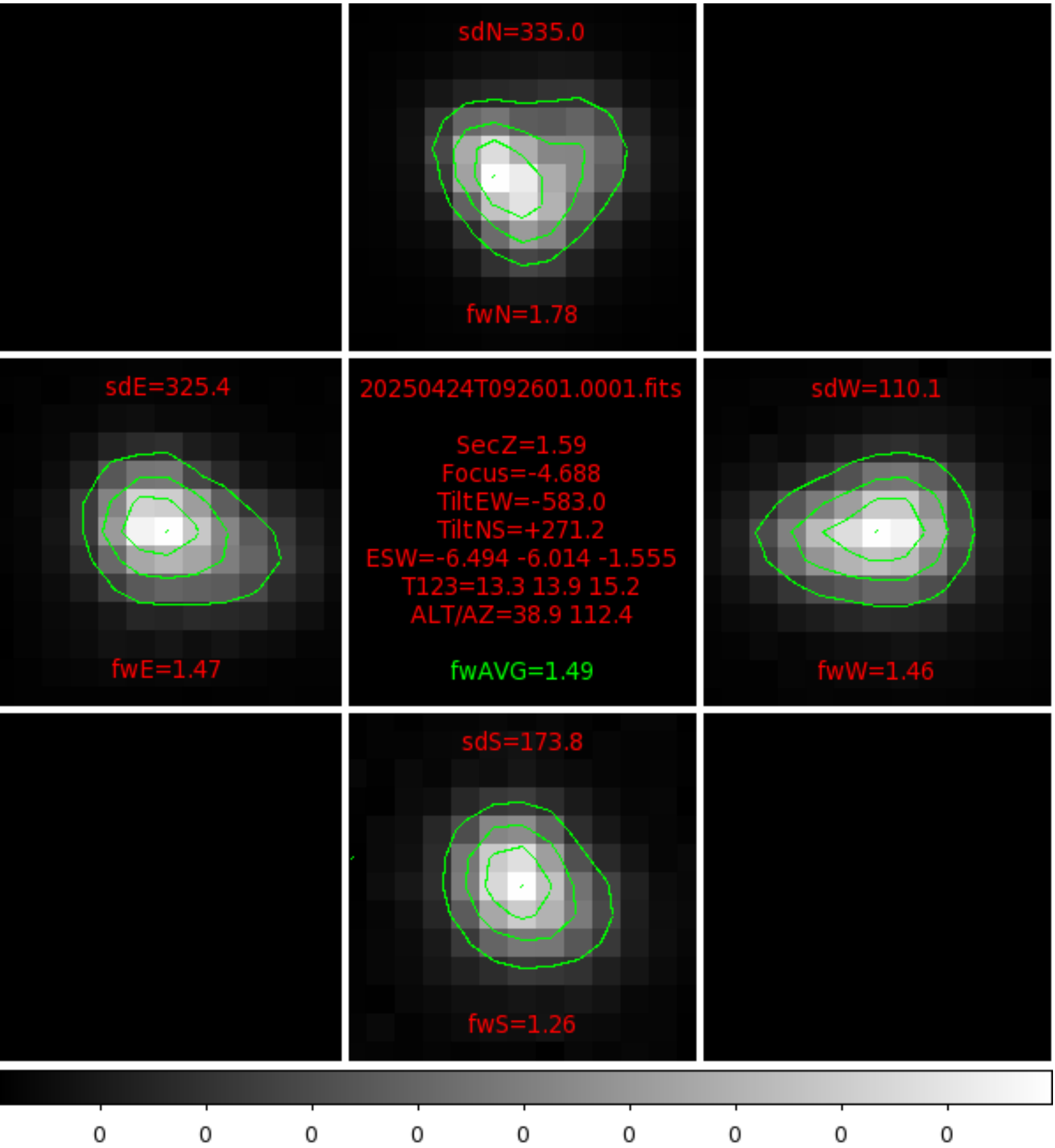
sdN=335.0
fwN=1.78
sdE=325.4
fwE=1.47
20250424T092601.0001.fits
SecZ=1.59
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.3 13.9 15.2
ALT/AZ=38.9 112.4
fwAVG=1.49
sdW=110.1
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sdS=173.8
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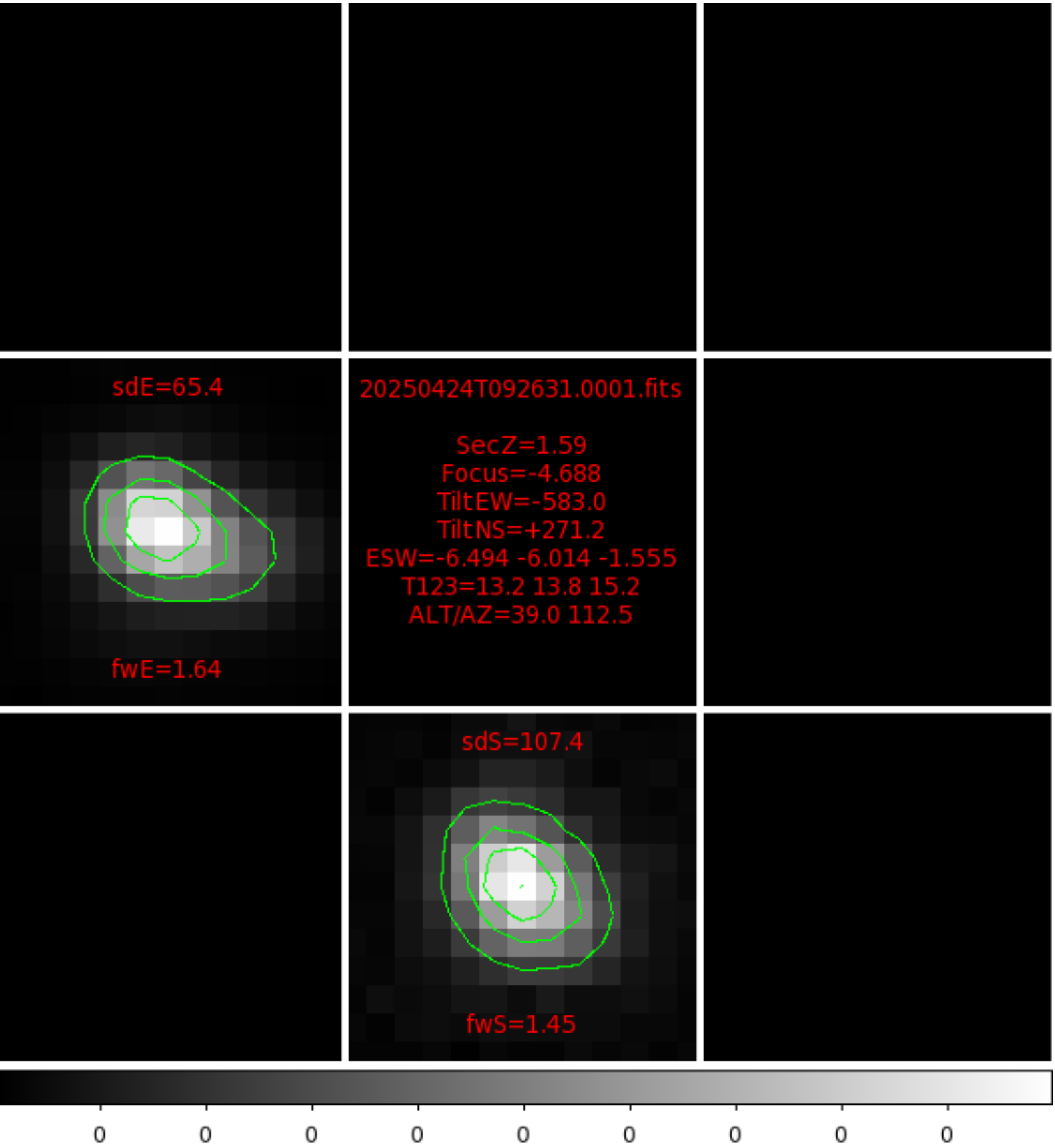
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SecZ=1.59
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.8 15.2
ALT/AZ=39.0 112.5
sdS=107.4
fwS=1.45
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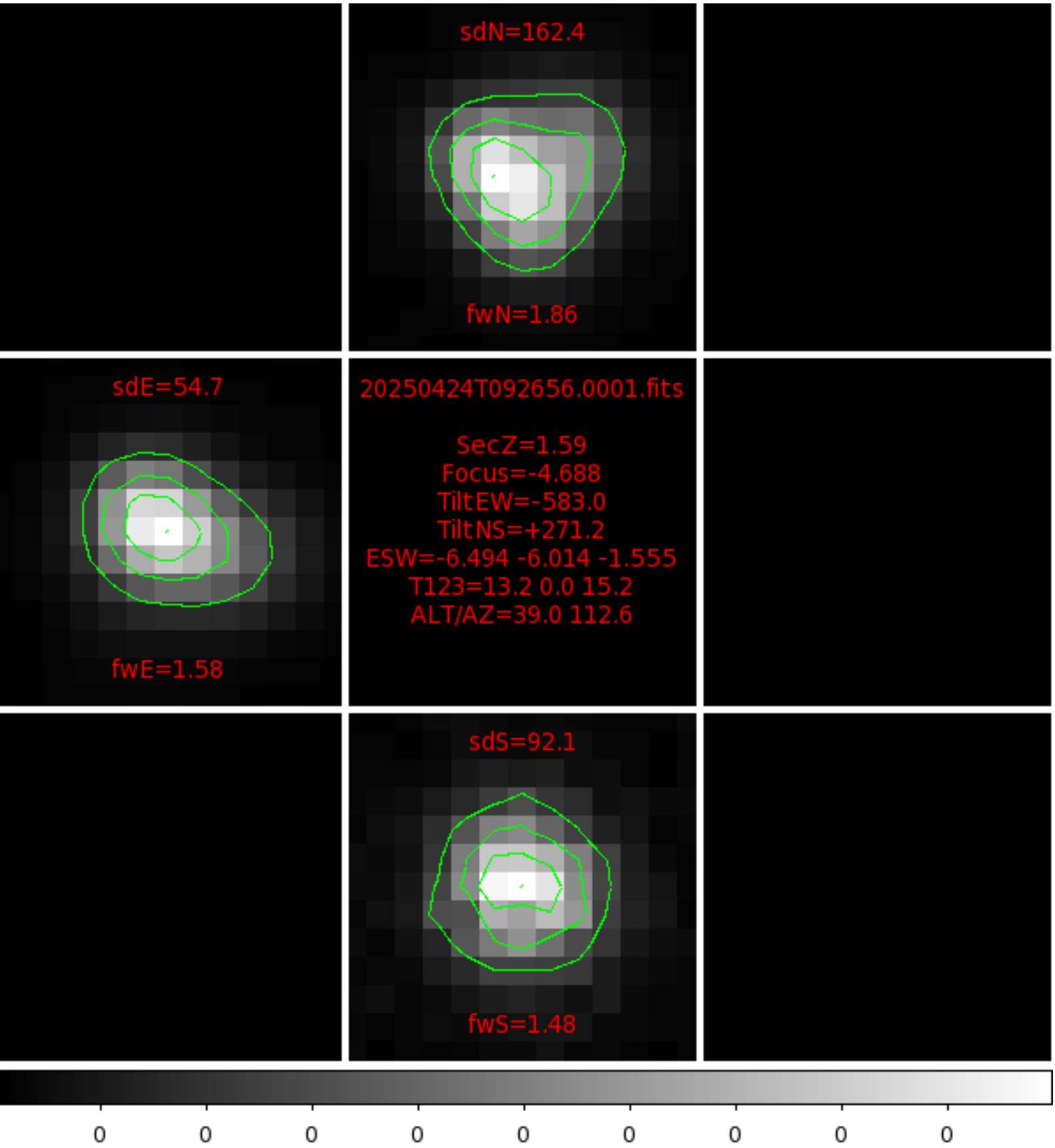
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SecZ=1.59
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TiltEW=-583.0
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ESW=-6.494 -6.014 -1.555
T123=13.2 0.0 15.2
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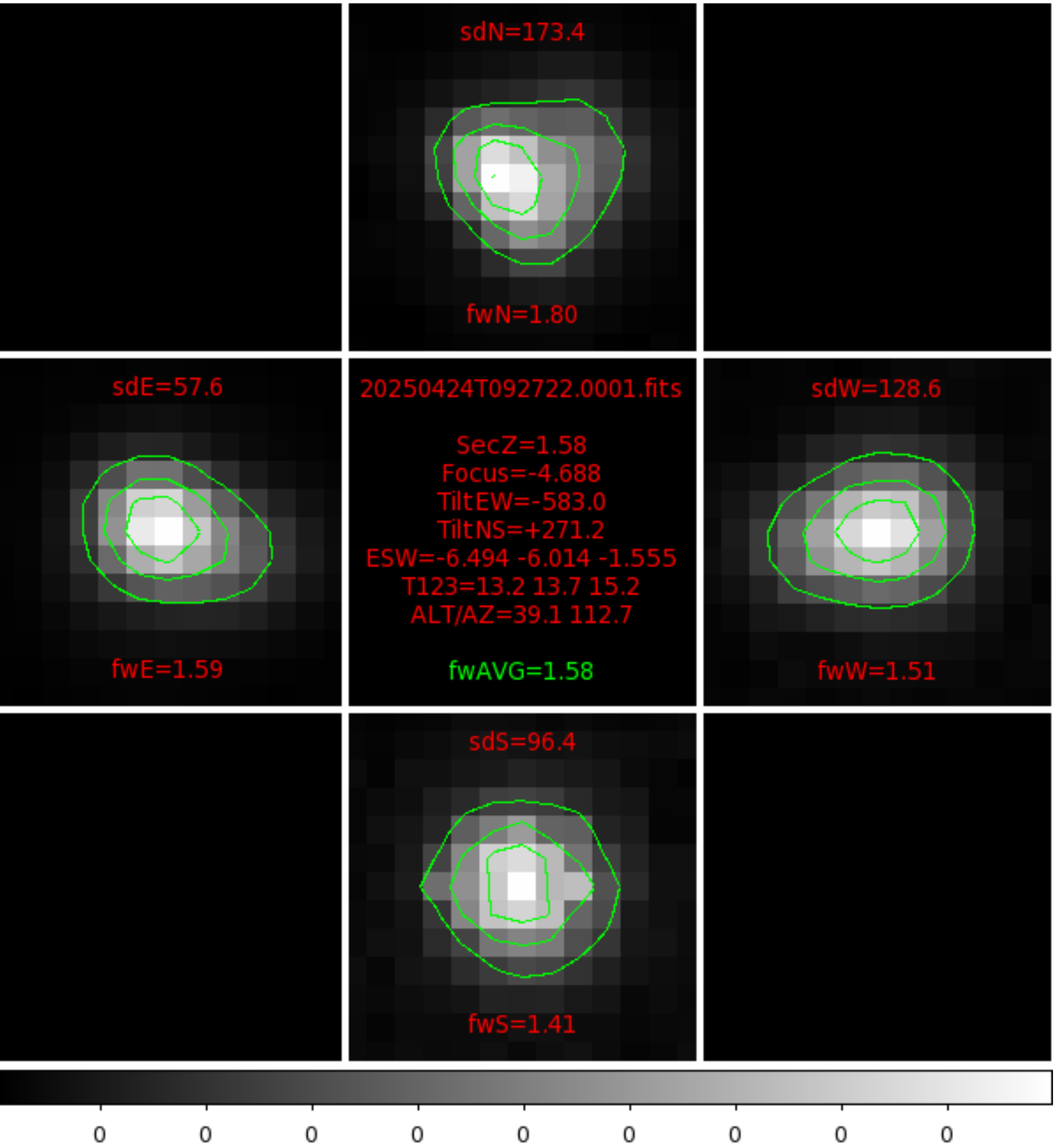
sdN=173.4
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sdE=57.6
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20250424T092722.0001.fits
SecZ=1.58
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.7 15.2
ALT/AZ=39.1 112.7
fwAVG=1.58
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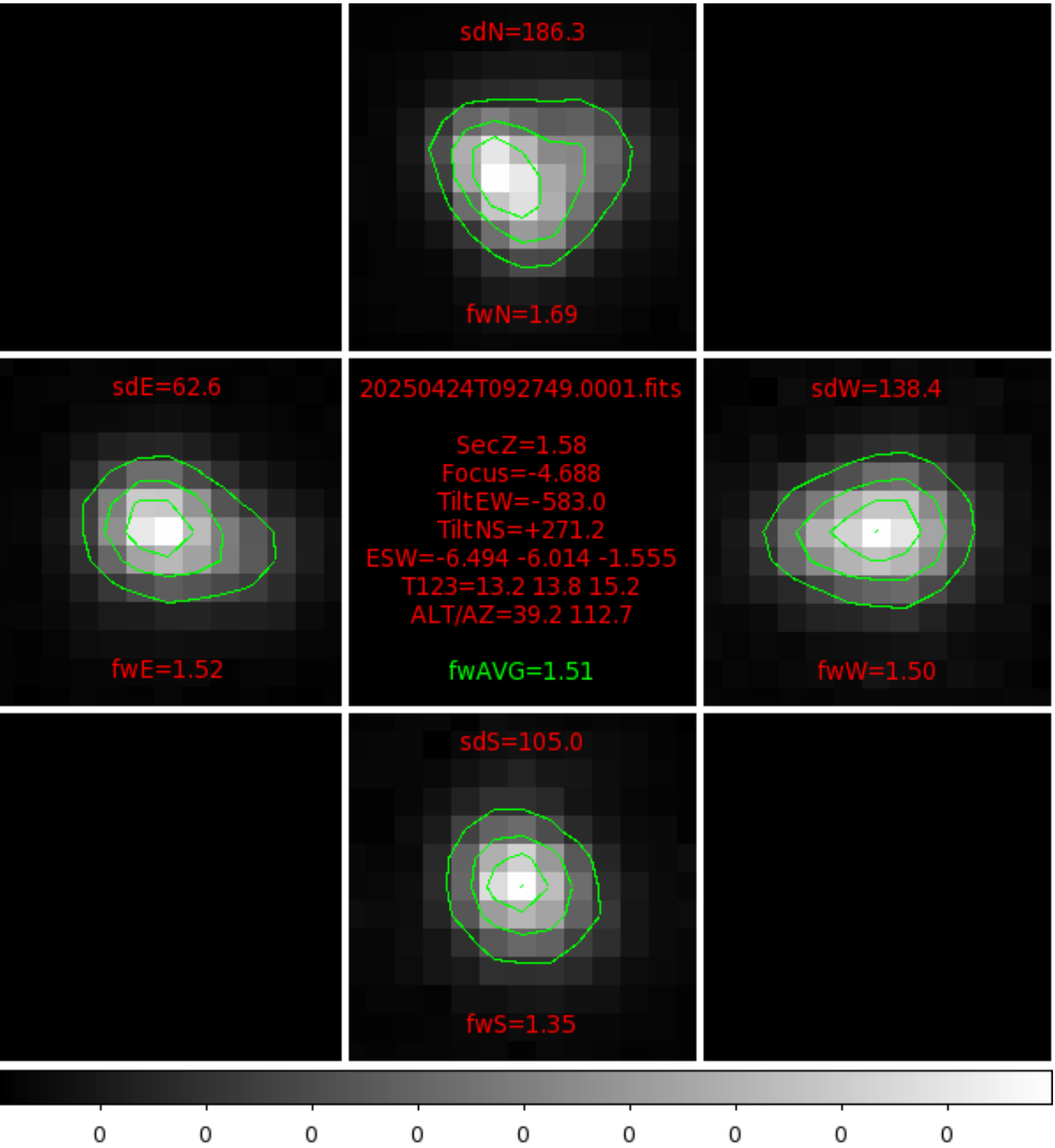
sdN=186.3
fwN=1.69
sdE=62.6
fwE=1.52
20250424T092749.0001.fits
SecZ=1.58
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.8 15.2
ALT/AZ=39.2 112.7
fwAVG=1.51
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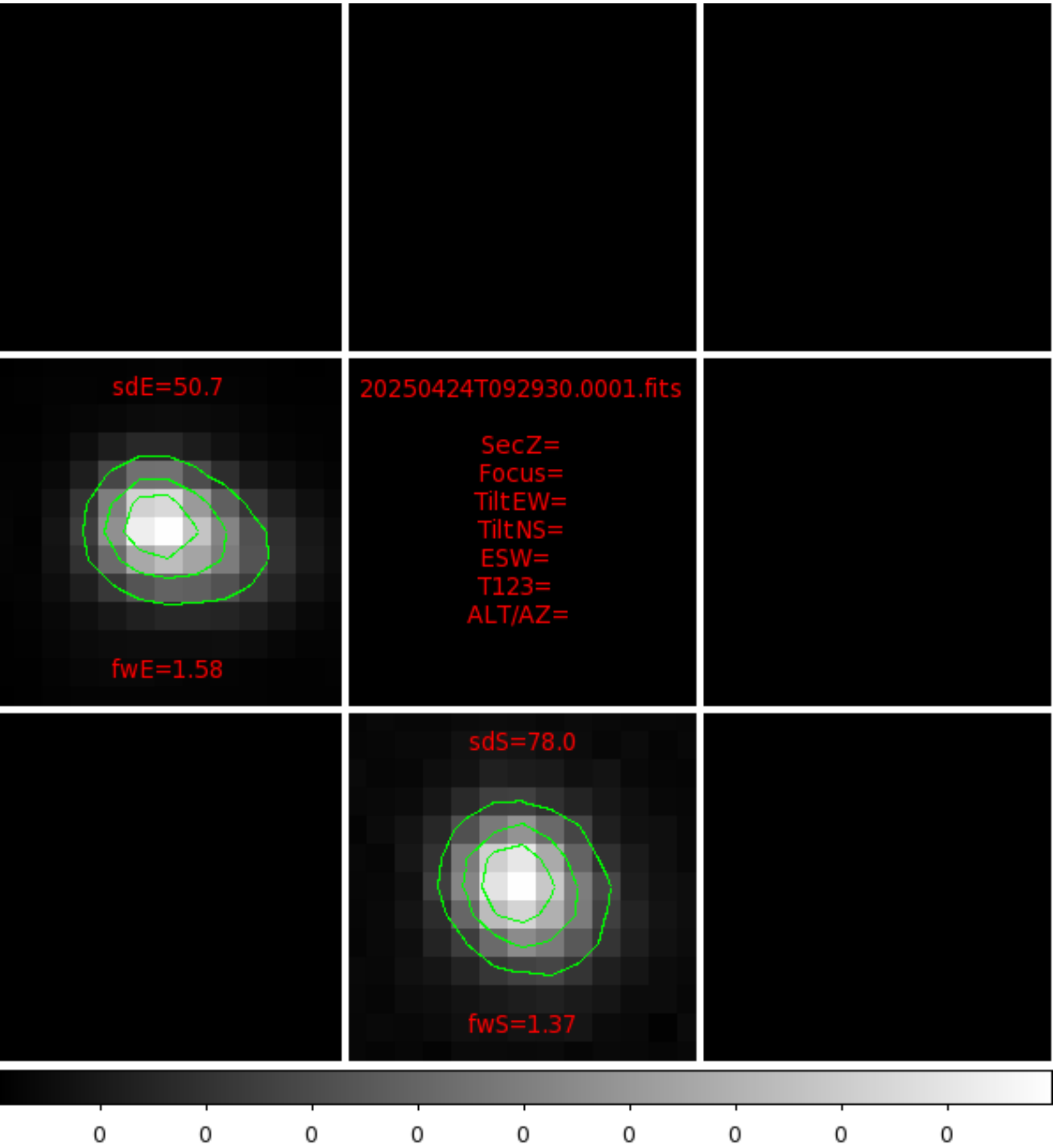
sdE=50.7
fwE=1.58
20250424T092930.0001.fits
SecZ=
Focus=
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TiltNS=
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ALT/AZ=
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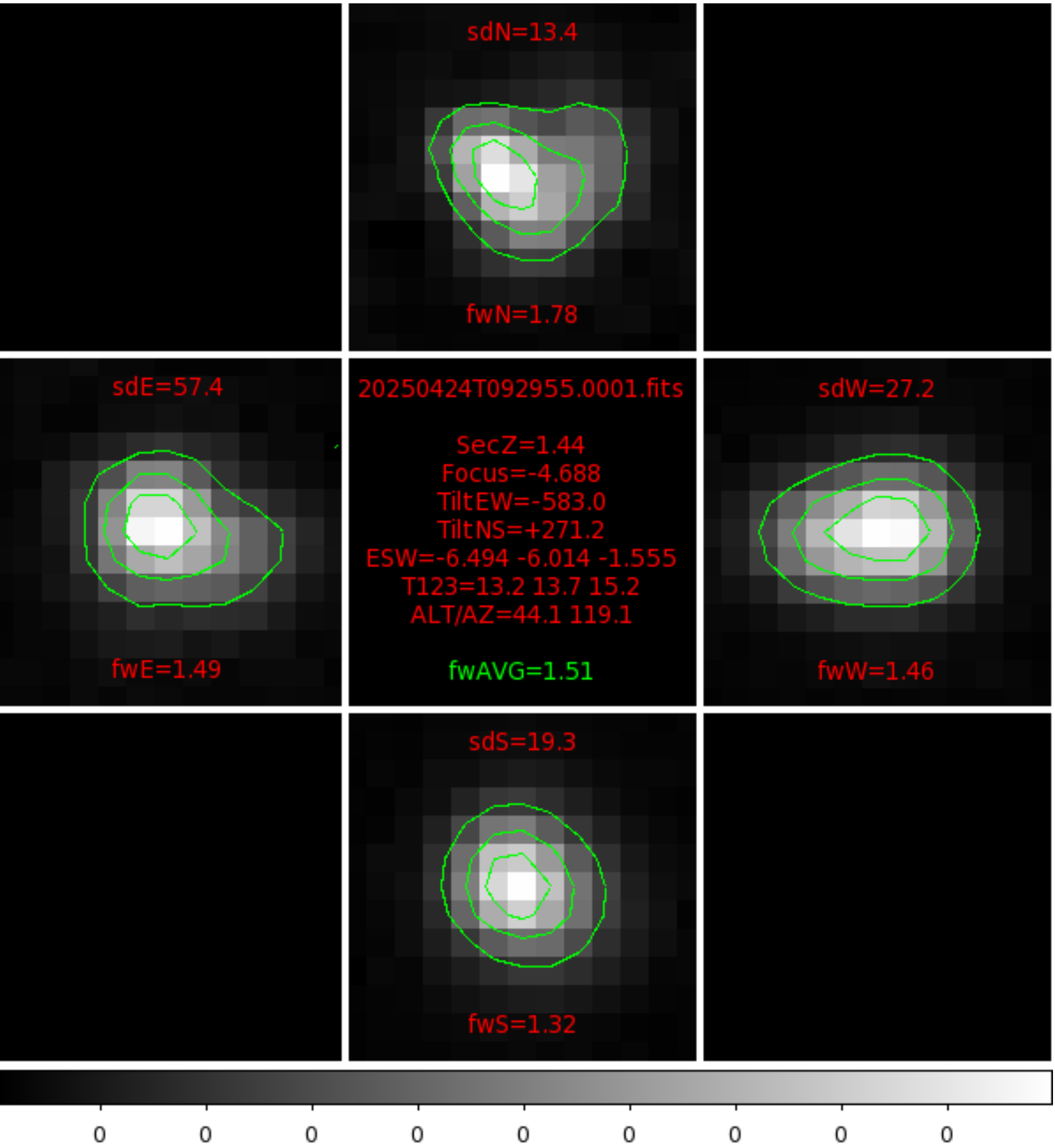
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sdE=57.4
fwE=1.49
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SecZ=1.44
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.7 15.2
ALT/AZ=44.1 119.1
fwAVG=1.51
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fwW=1.46
sdS=19.3
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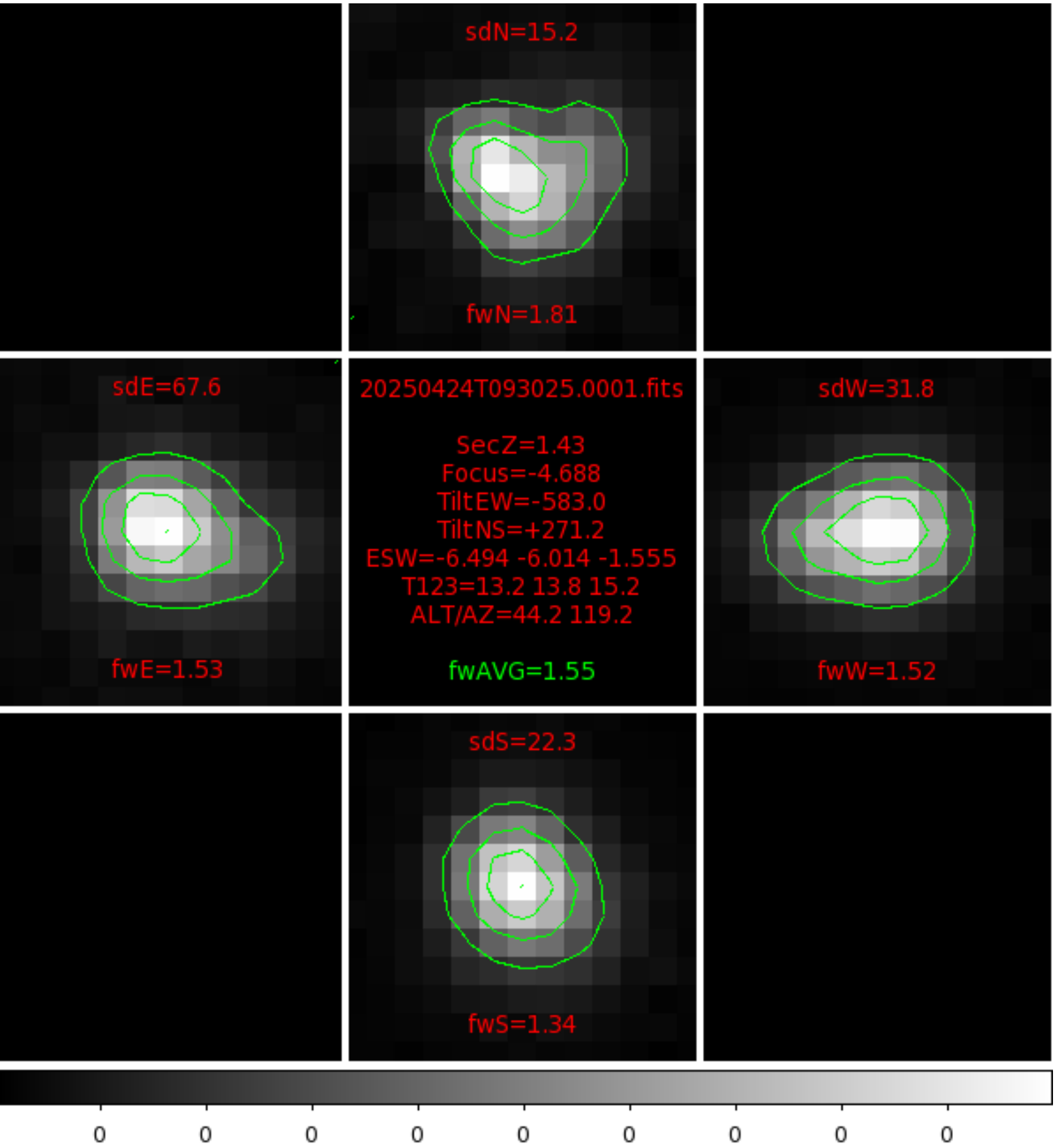
sdN=15.2
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20250424T093025.0001.fits
SecZ=1.43
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.8 15.2
ALT/AZ=44.2 119.2
fwAVG=1.55
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sdS=22.3
fwS=1.34
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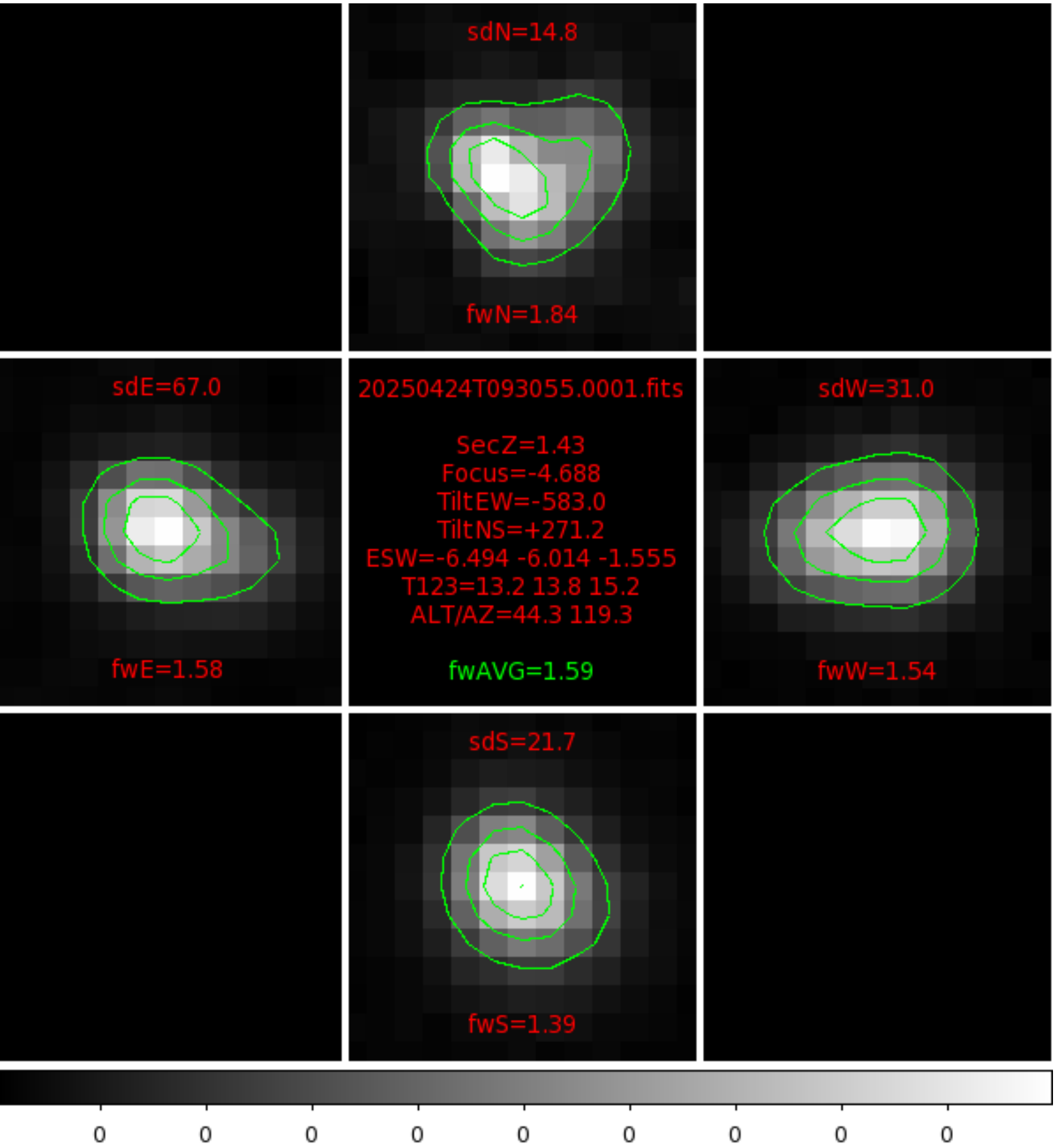
sdN=14.8
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fwE=1.58
20250424T093055.0001.fits
SecZ=1.43
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.8 15.2
ALT/AZ=44.3 119.3
fwAVG=1.59
sdW=31.0
fwW=1.54
sdS=21.7
fwS=1.39
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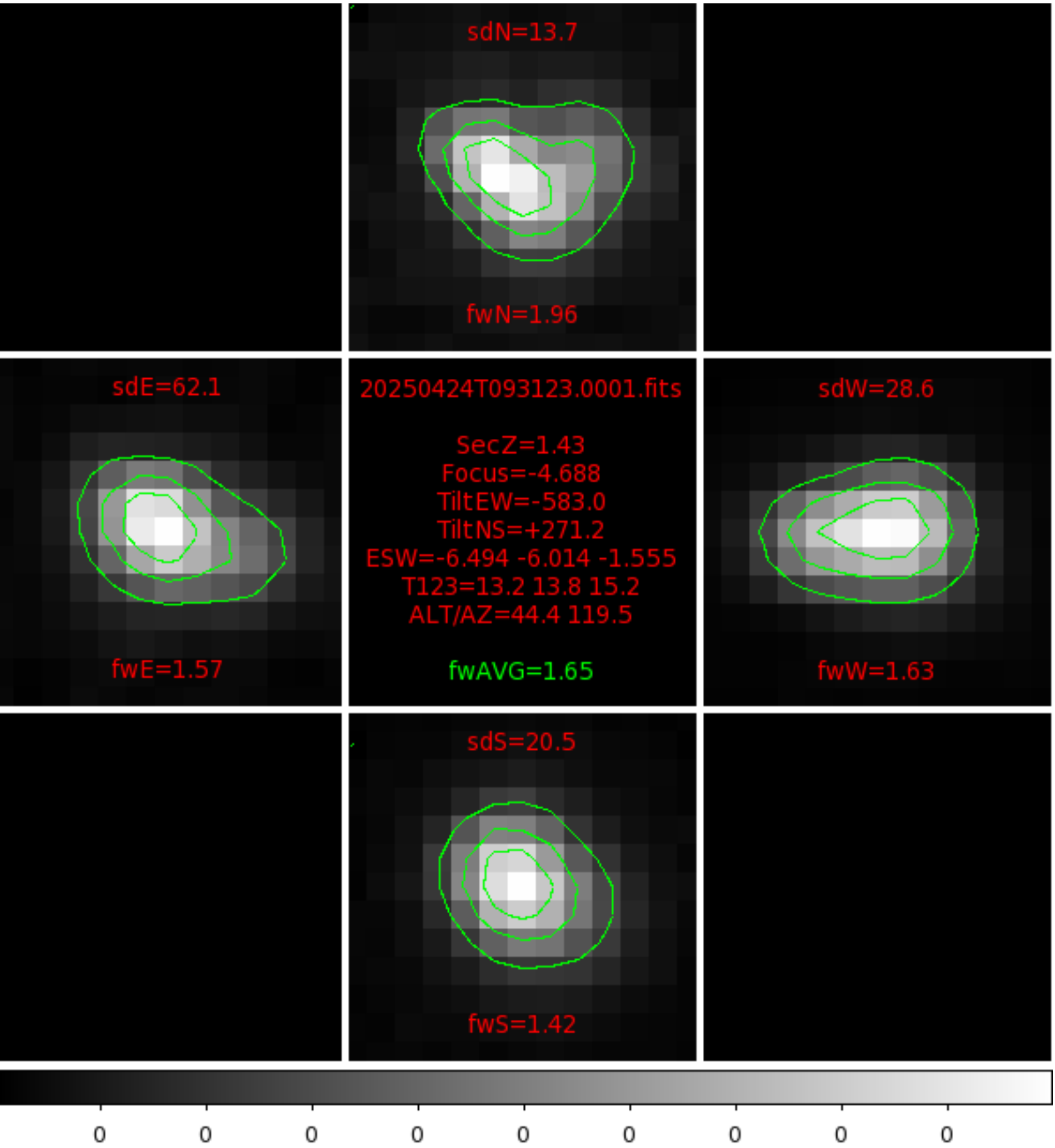
sdN=13.7
fwN=1.96
sdE=62.1
fwE=1.57
20250424T093123.0001.fits
SecZ=1.43
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.8 15.2
ALT/AZ=44.4 119.5
fwAVG=1.65
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fwW=1.63
sdS=20.5
fwS=1.42
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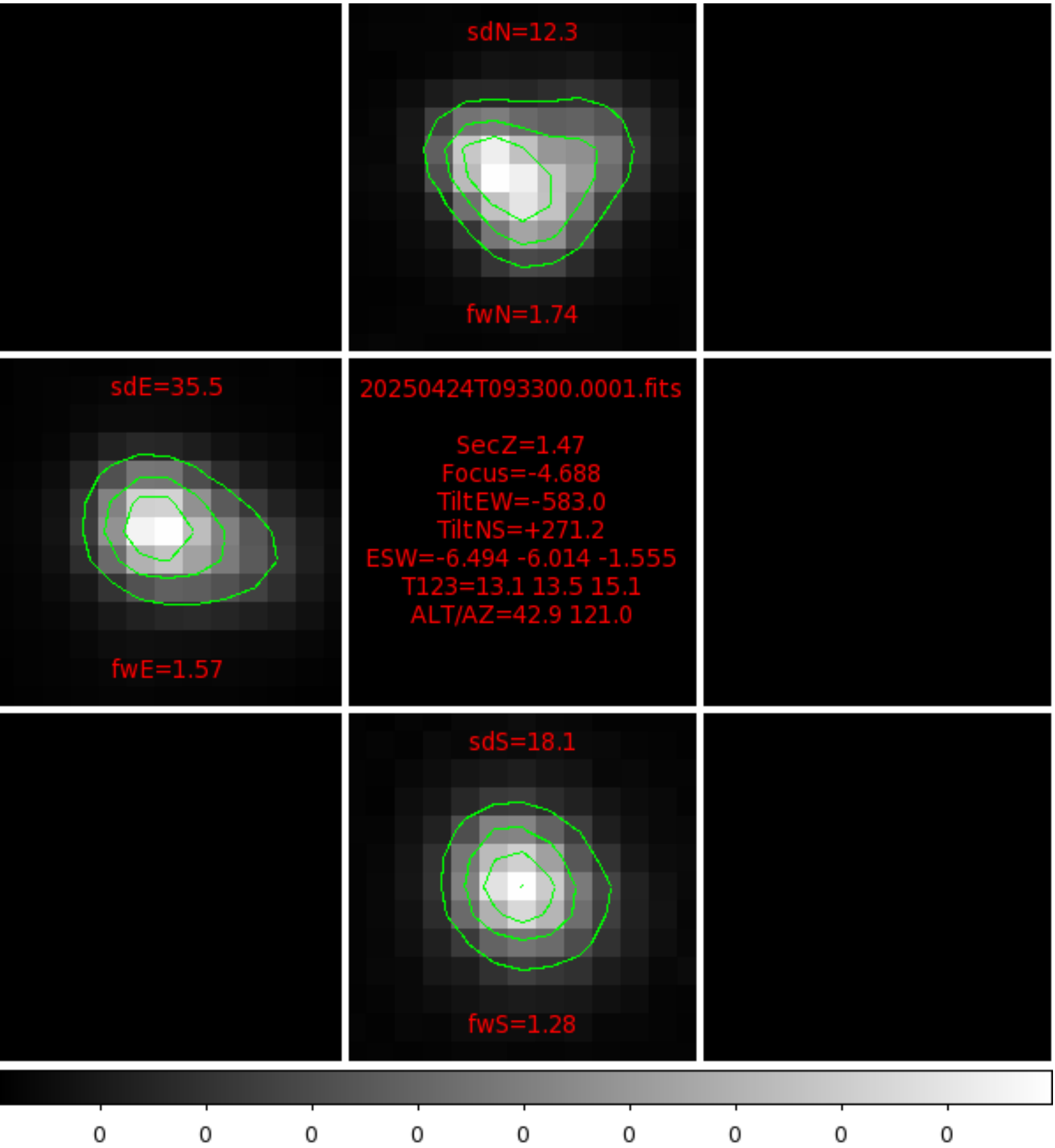
sdN=12.3
fwN=1.74
sdE=35.5
fwE=1.57
20250424T093300.0001.fits
SecZ=1.47
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.1
ALT/AZ=42.9 121.0
sdS=18.1
fwS=1.28
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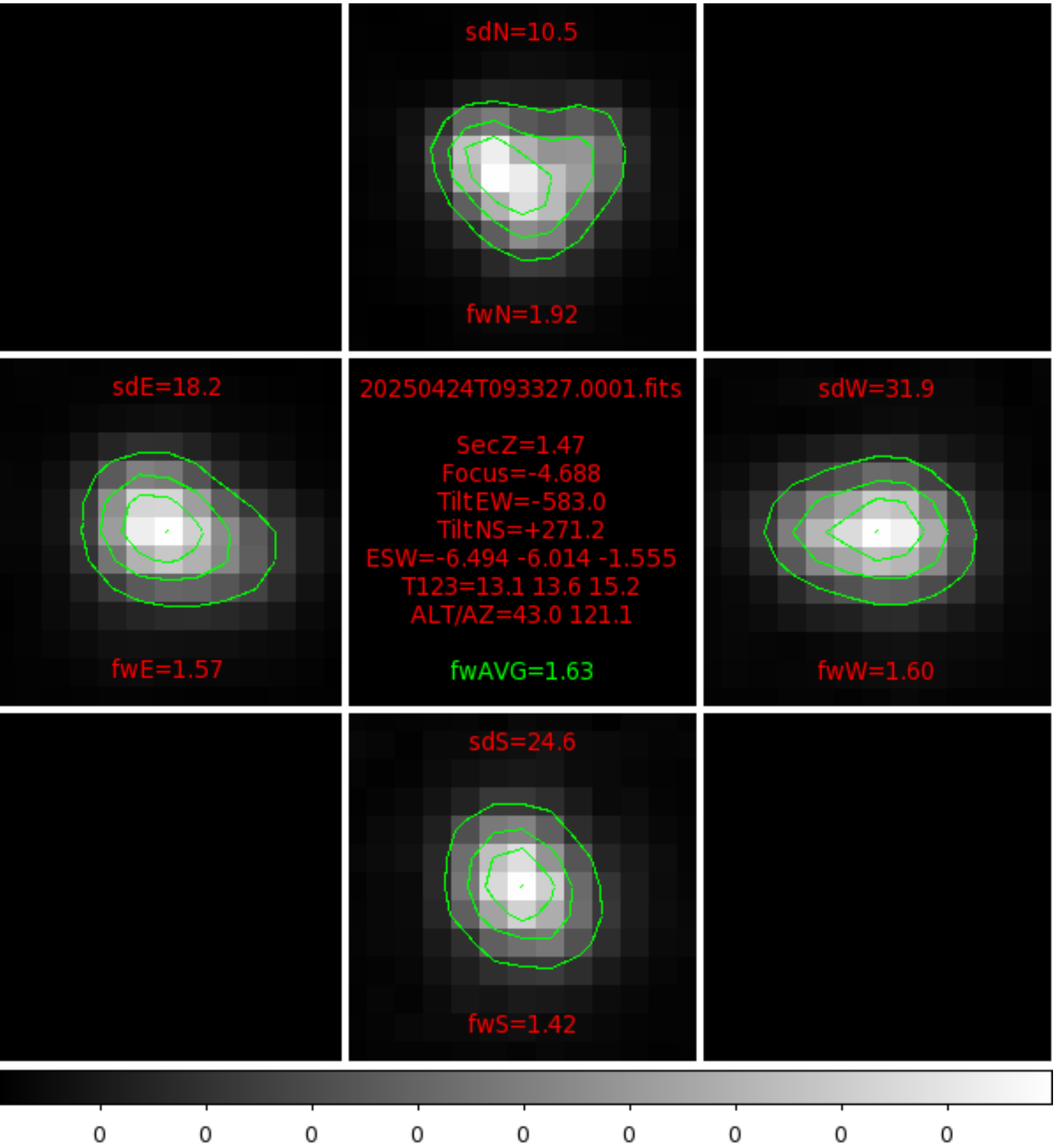
sdN=10.5
fwN=1.92
sdE=18.2
fwE=1.57
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SecZ=1.47
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.6 15.2
ALT/AZ=43.0 121.1
fwAVG=1.63
sdW=31.9
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sdS=24.6
fwS=1.42
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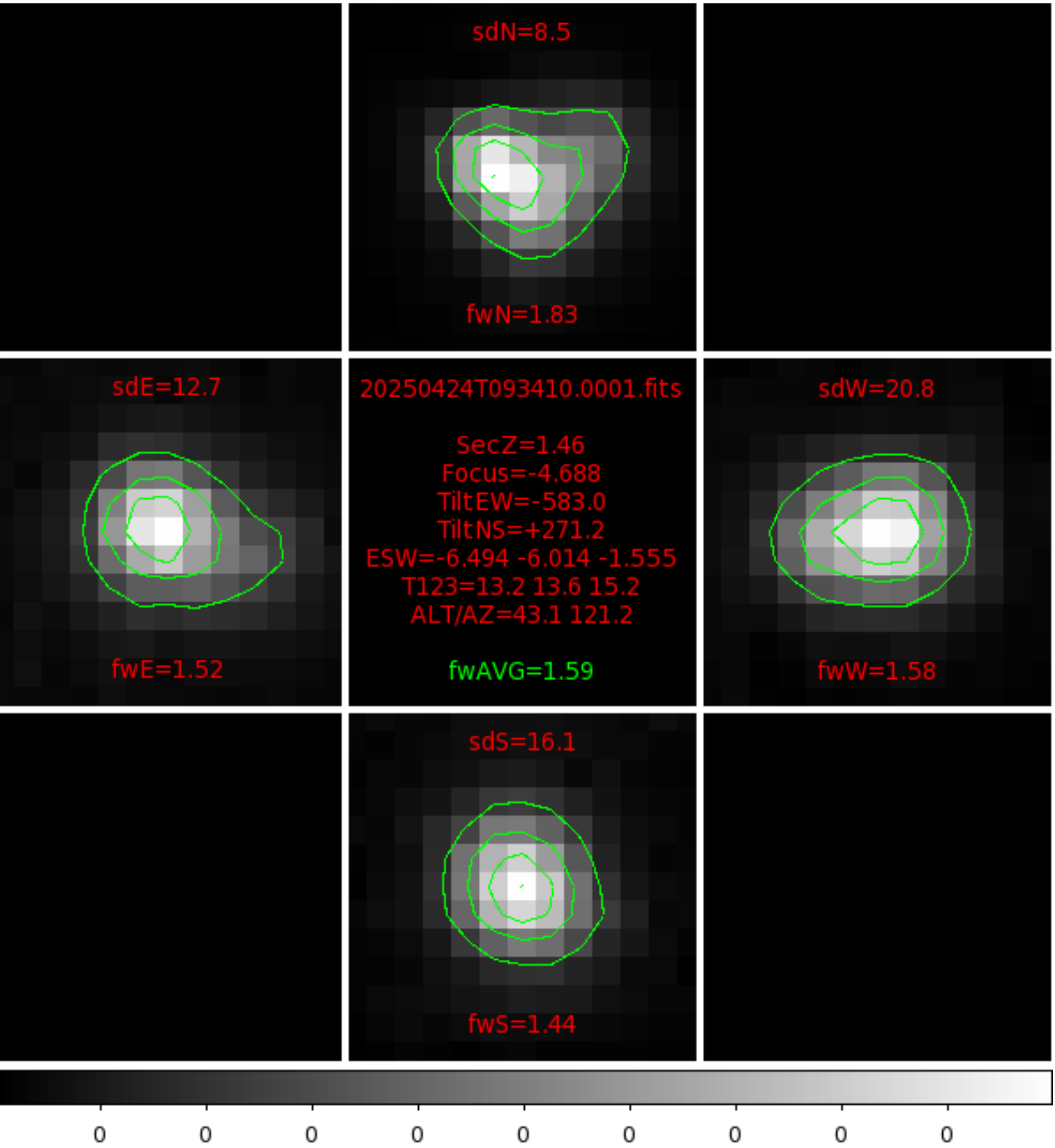
sdN=8.5
fwN=1.83
sdE=12.7
fwE=1.52
20250424T093410.0001.fits
SecZ=1.46
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.6 15.2
ALT/AZ=43.1 121.2
fwAVG=1.59
sdW=20.8
fwW=1.58
sdS=16.1
fwS=1.44
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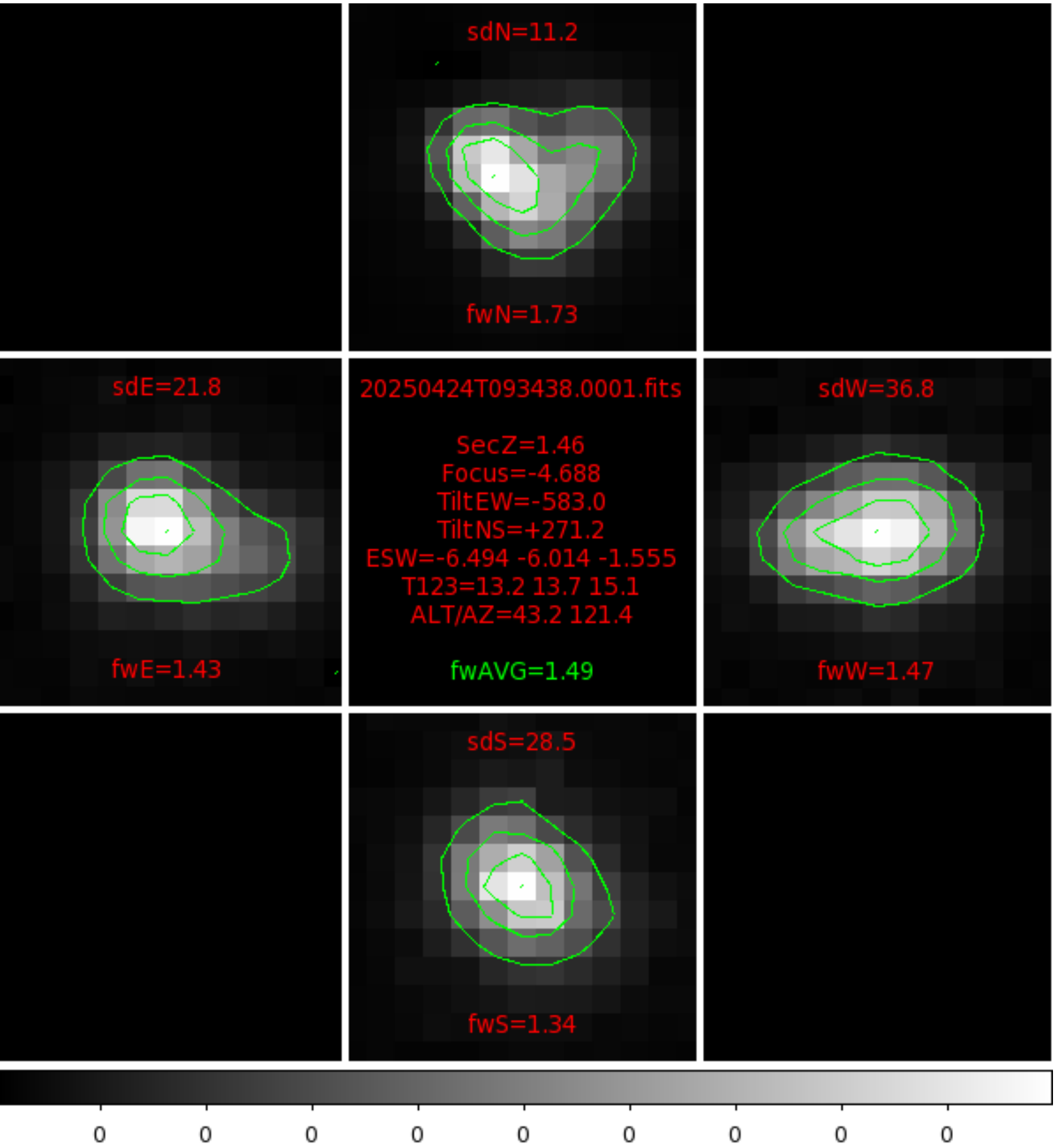
sdN=11.2
fwN=1.73
sdE=21.8
fwE=1.43
20250424T093438.0001.fits
SecZ=1.46
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.7 15.1
ALT/AZ=43.2 121.4
fwAVG=1.49
sdW=36.8
fwW=1.47
sdS=28.5
fwS=1.34
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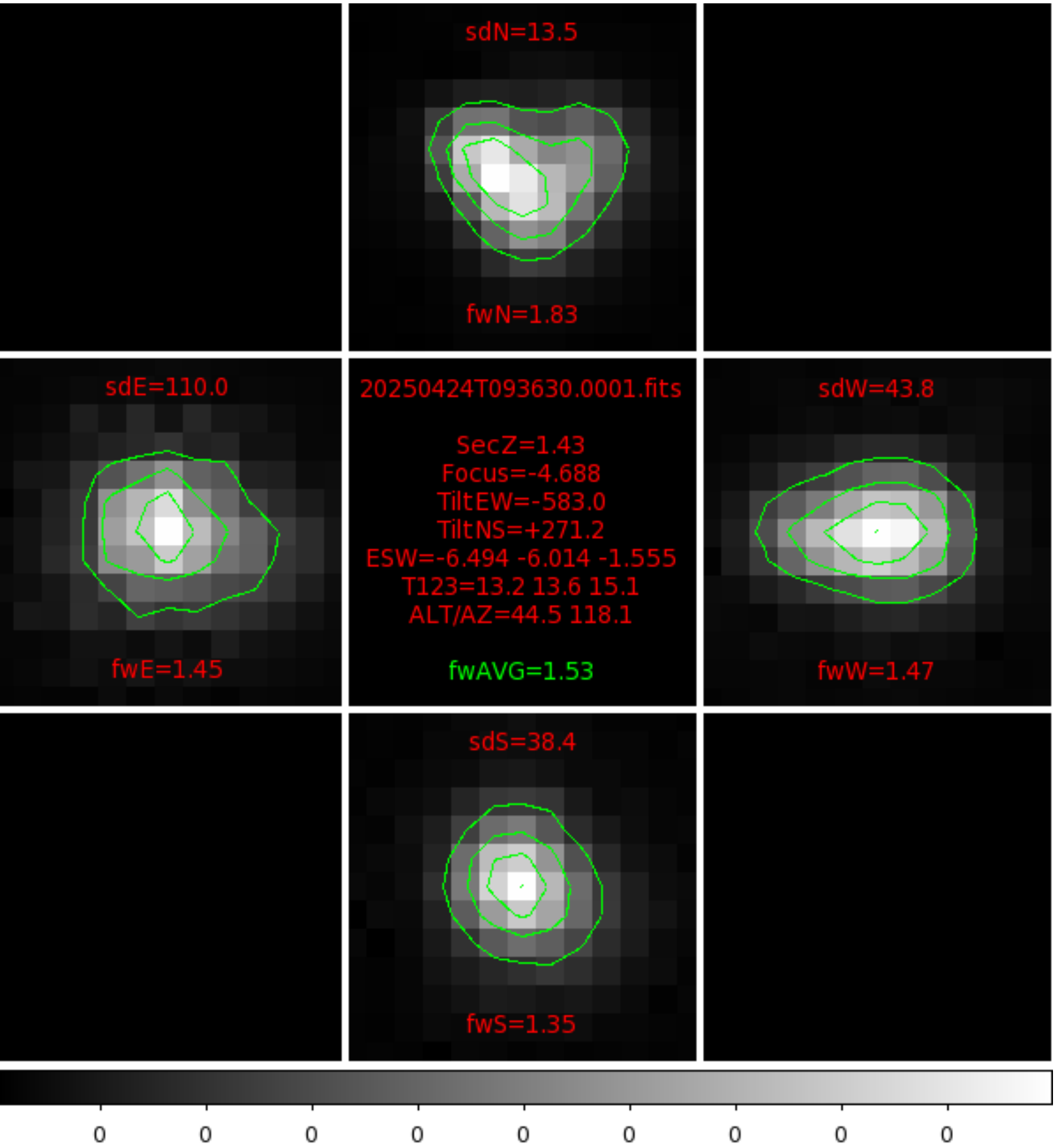
sdN=13.5
fwN=1.83
sdE=110.0
fwE=1.45
20250424T093630.0001.fits
SecZ=1.43
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.6 15.1
ALT/AZ=44.5 118.1
fwAVG=1.53
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fwW=1.47
sdS=38.4
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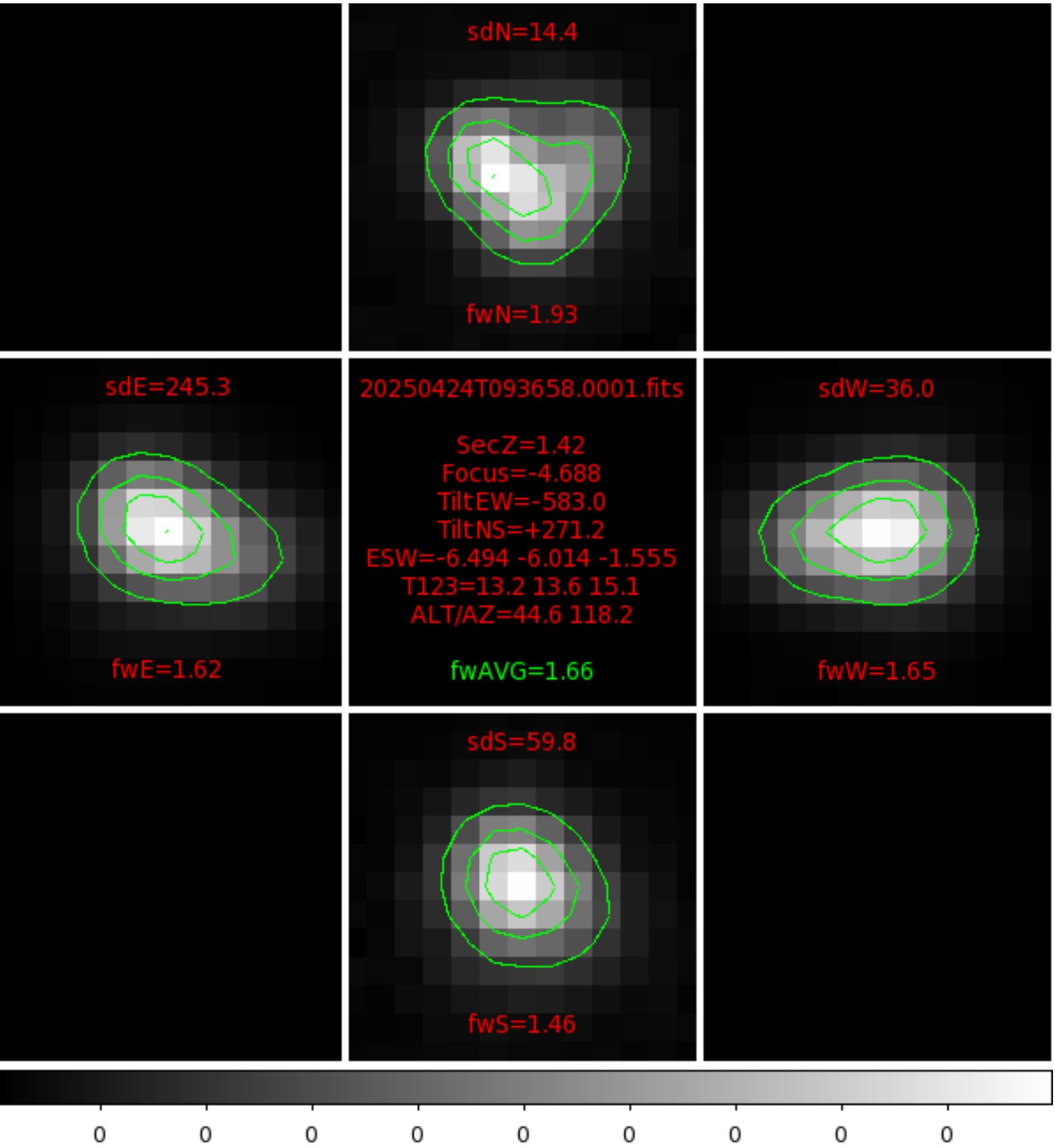
sdN=14.4
fwN=1.93
sdE=245.3
fwE=1.62
20250424T093658.0001.fits
SecZ=1.42
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.6 15.1
ALT/AZ=44.6 118.2
fwAVG=1.66
sdW=36.0
fwW=1.65
sdS=59.8
fwS=1.46
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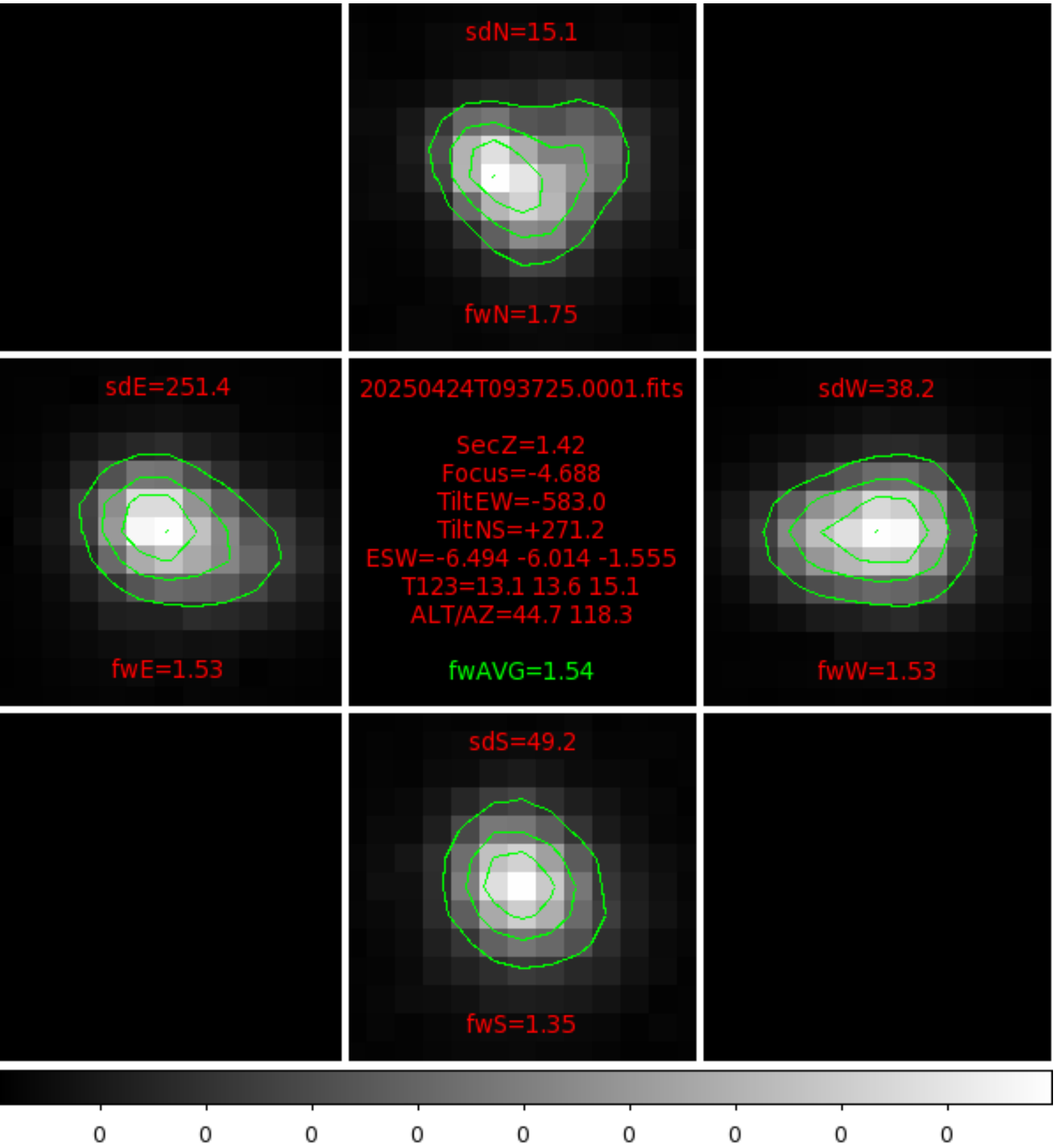
sdN=15.1
fwN=1.75
sdE=251.4
fwE=1.53
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SecZ=1.42
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.6 15.1
ALT/AZ=44.7 118.3
fwAVG=1.54
sdW=38.2
fwW=1.53
sdS=49.2
fwS=1.35
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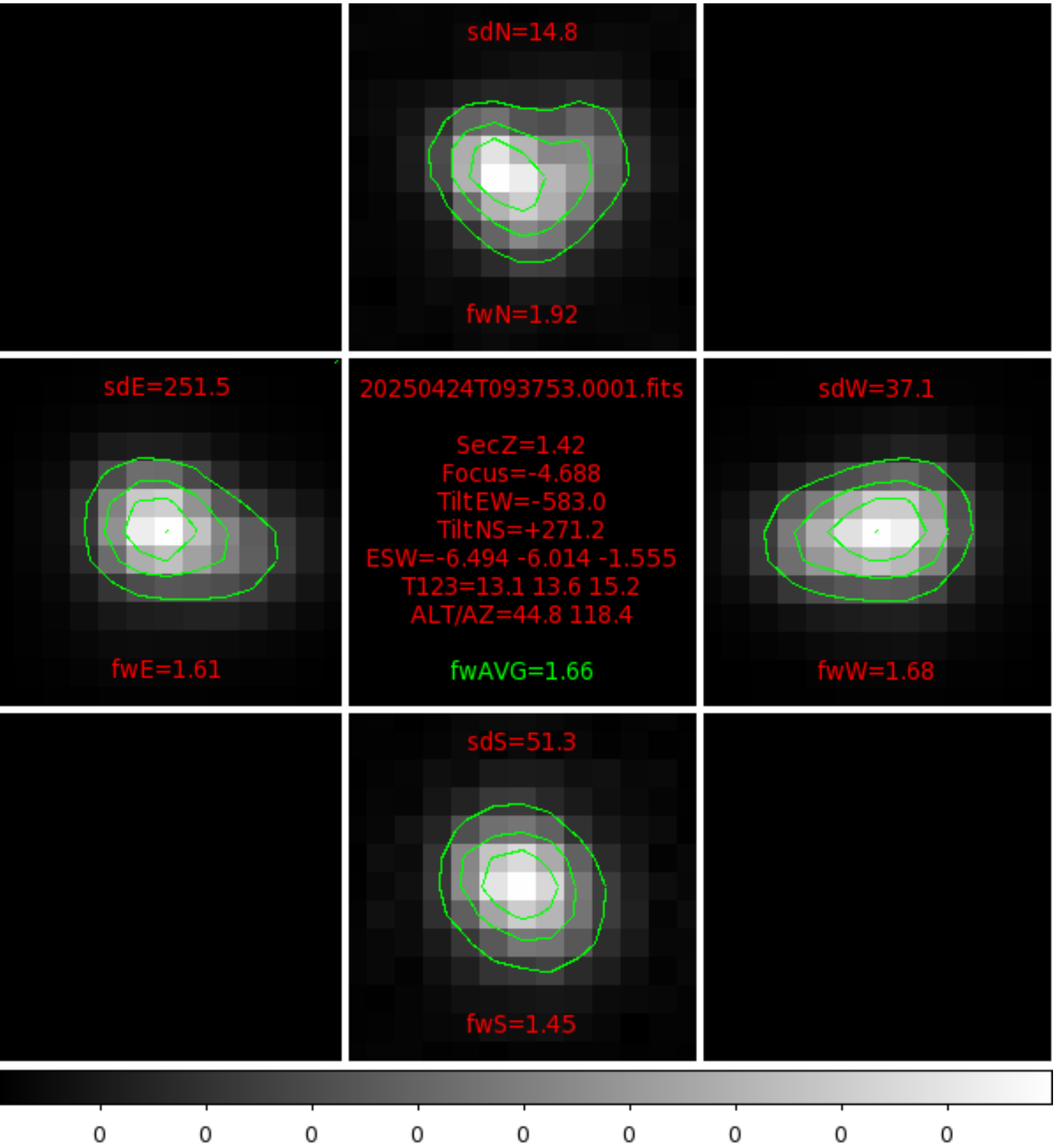
sdN=14.8
fwN=1.92
sdE=251.5
fwE=1.61
20250424T093753.0001.fits
SecZ=1.42
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.6 15.2
ALT/AZ=44.8 118.4
fwAVG=1.66
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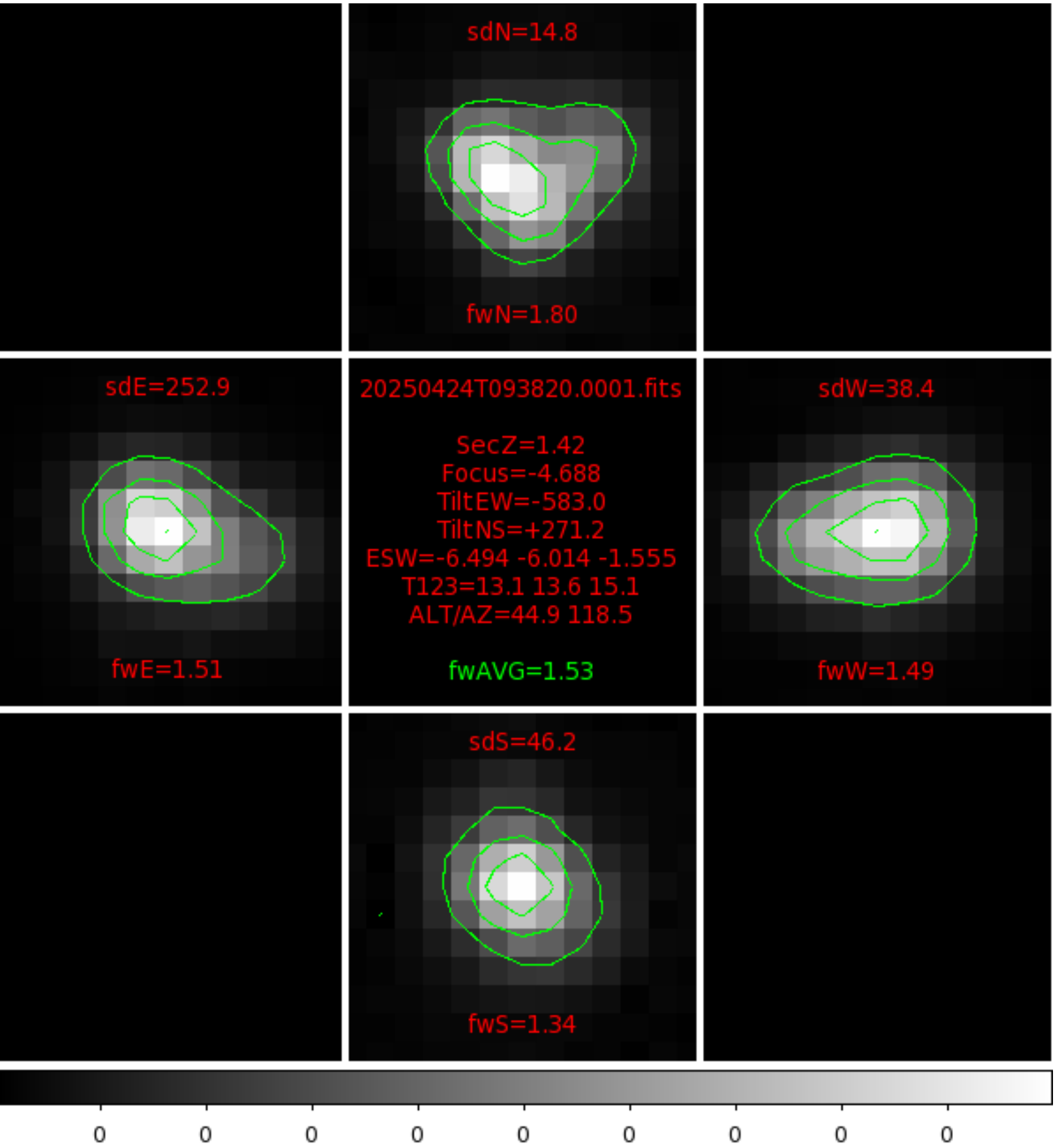
sdN=14.8
fwN=1.80
sdE=252.9
fwE=1.51
20250424T093820.0001.fits
SecZ=1.42
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.6 15.1
ALT/AZ=44.9 118.5
fwAVG=1.53
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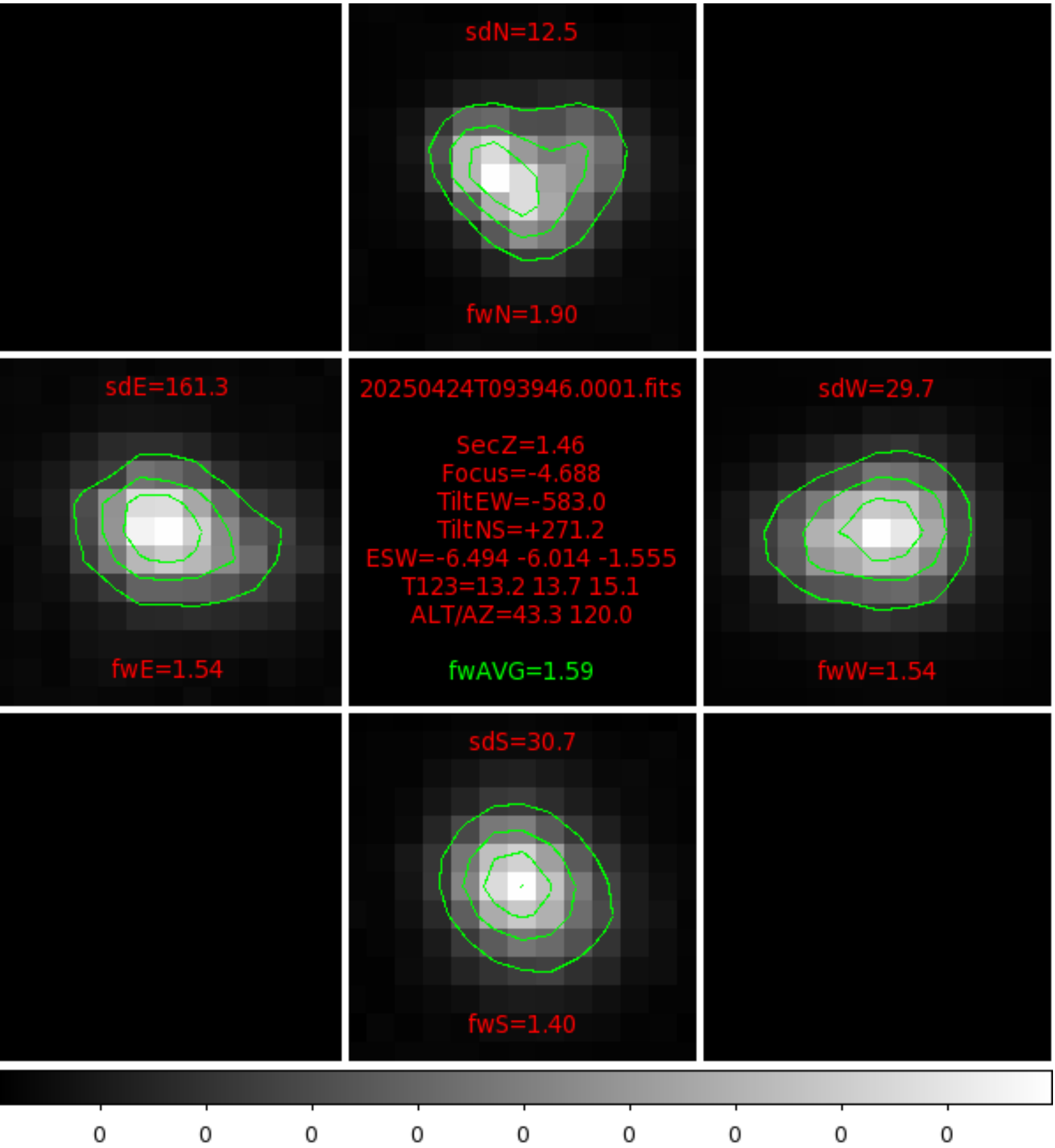
sdN=12.5
fwN=1.90
sdE=161.3
fwE=1.54
20250424T093946.0001.fits
SecZ=1.46
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.7 15.1
ALT/AZ=43.3 120.0
fwAVG=1.59
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fwW=1.54
sdS=30.7
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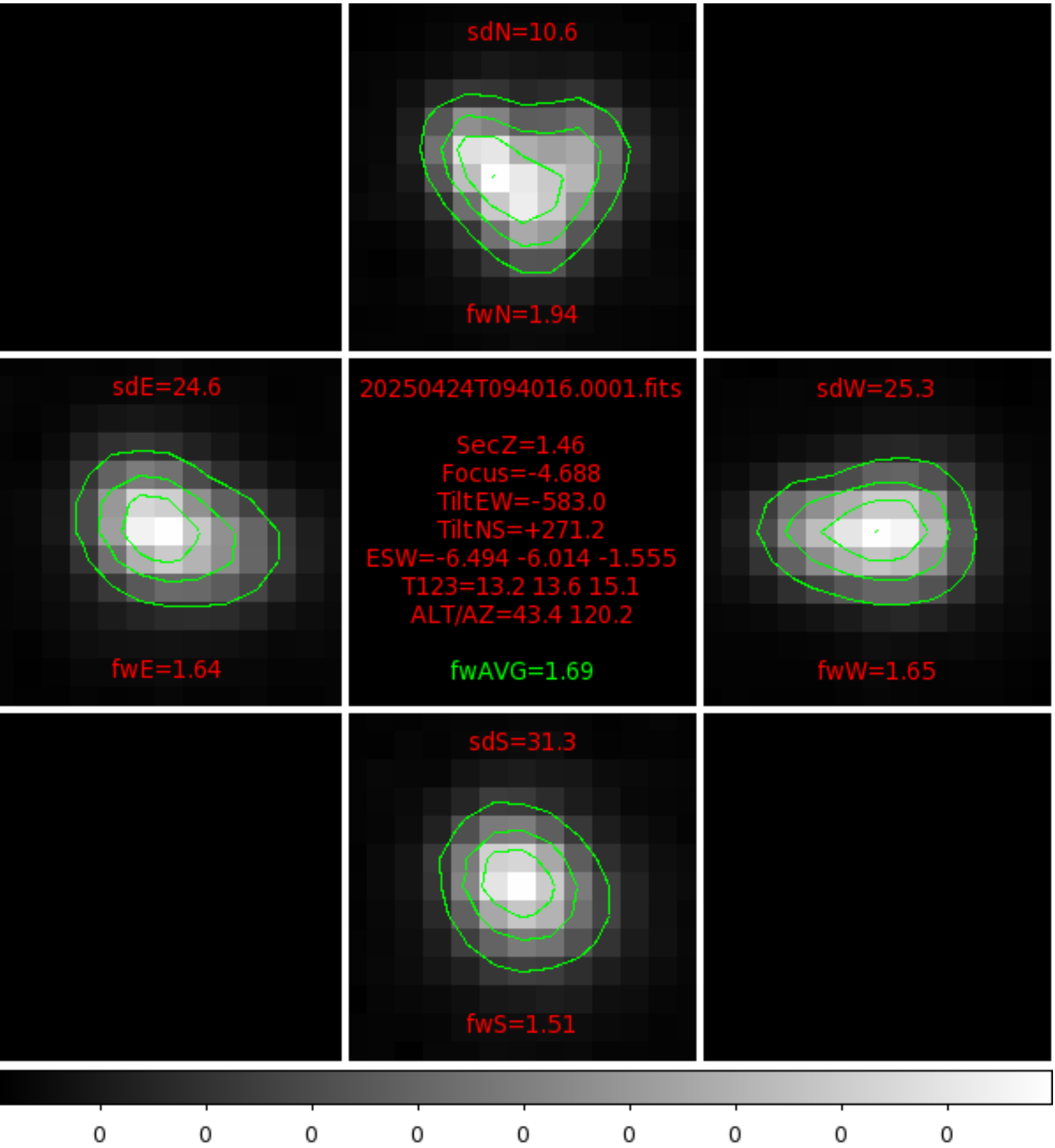
sdN=10.6
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sdE=24.6
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20250424T094016.0001.fits
SecZ=1.46
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.2 13.6 15.1
ALT/AZ=43.4 120.2
fwAVG=1.69
sdW=25.3
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sdS=31.3
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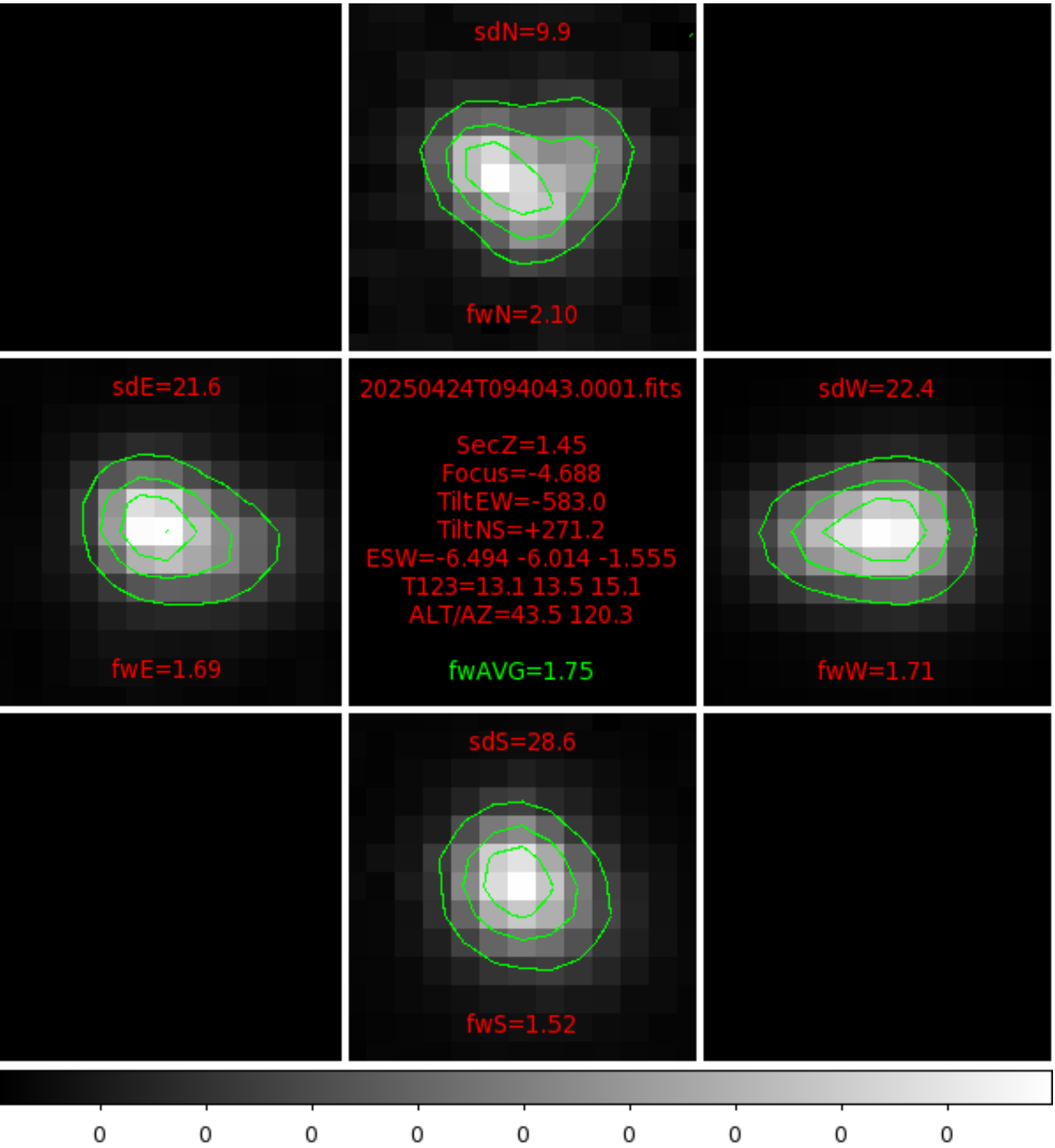
sdN=9.9
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sdE=21.6
fwE=1.69
20250424T094043.0001.fits
SecZ=1.45
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.1
ALT/AZ=43.5 120.3
fwAVG=1.75
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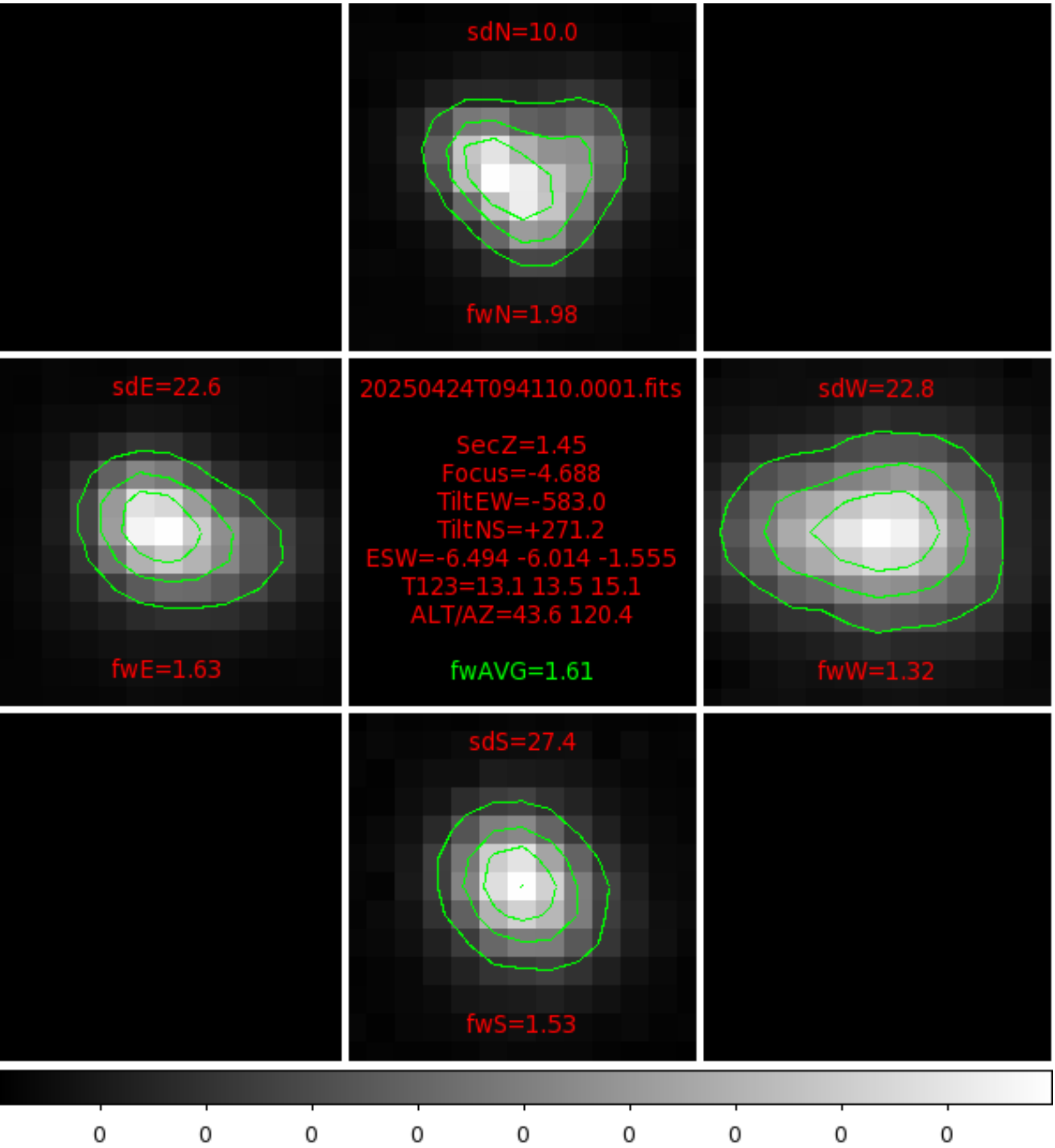
sdN=10.0
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sdE=22.6
fwE=1.63
20250424T094110.0001.fits
SecZ=1.45
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.1
ALT/AZ=43.6 120.4
fwAVG=1.61
sdW=22.8
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sdS=27.4
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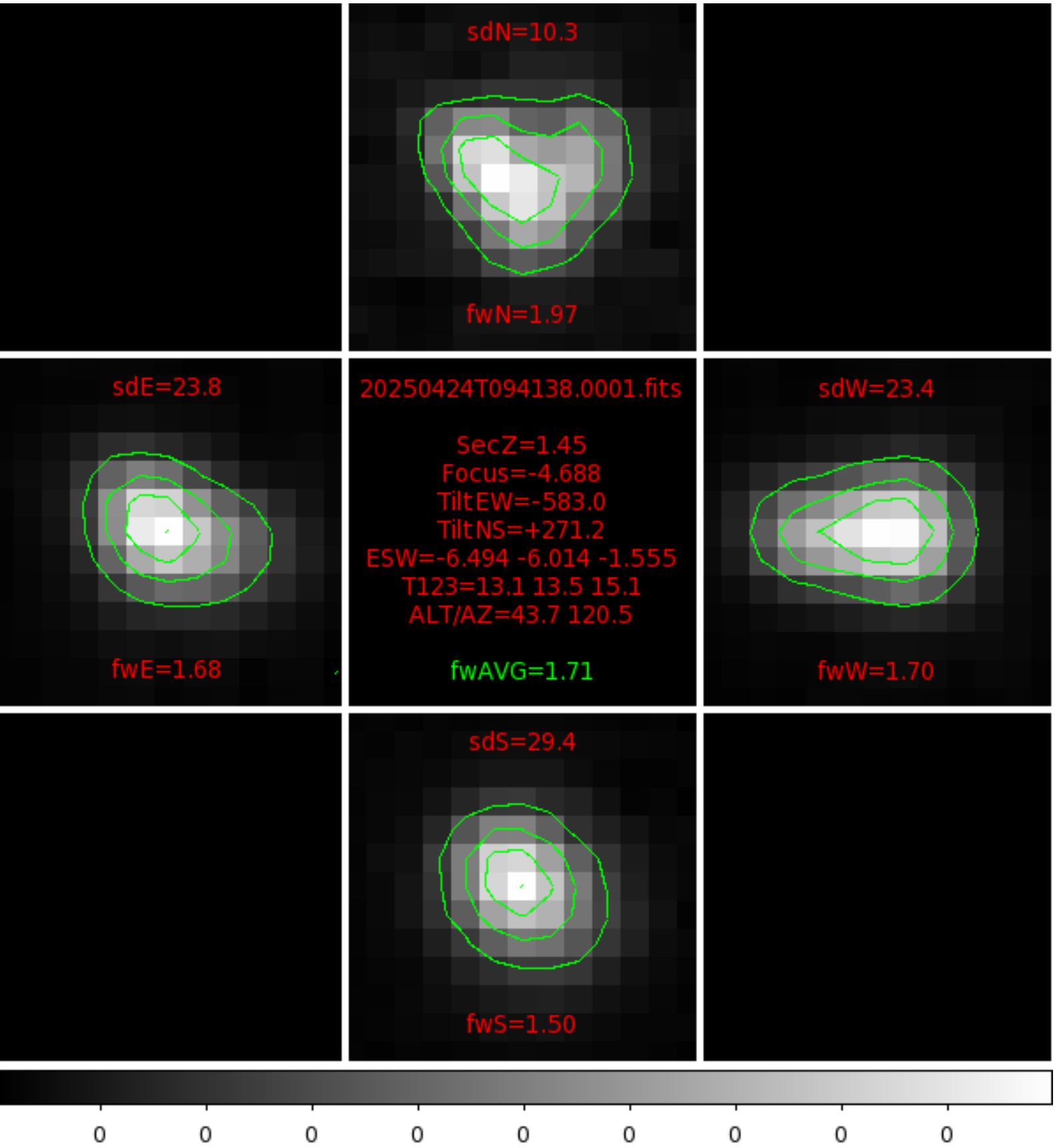
sdN=10.3
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sdE=23.8
fwE=1.68
20250424T094138.0001.fits
SecZ=1.45
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.1
ALT/AZ=43.7 120.5
fwAVG=1.71
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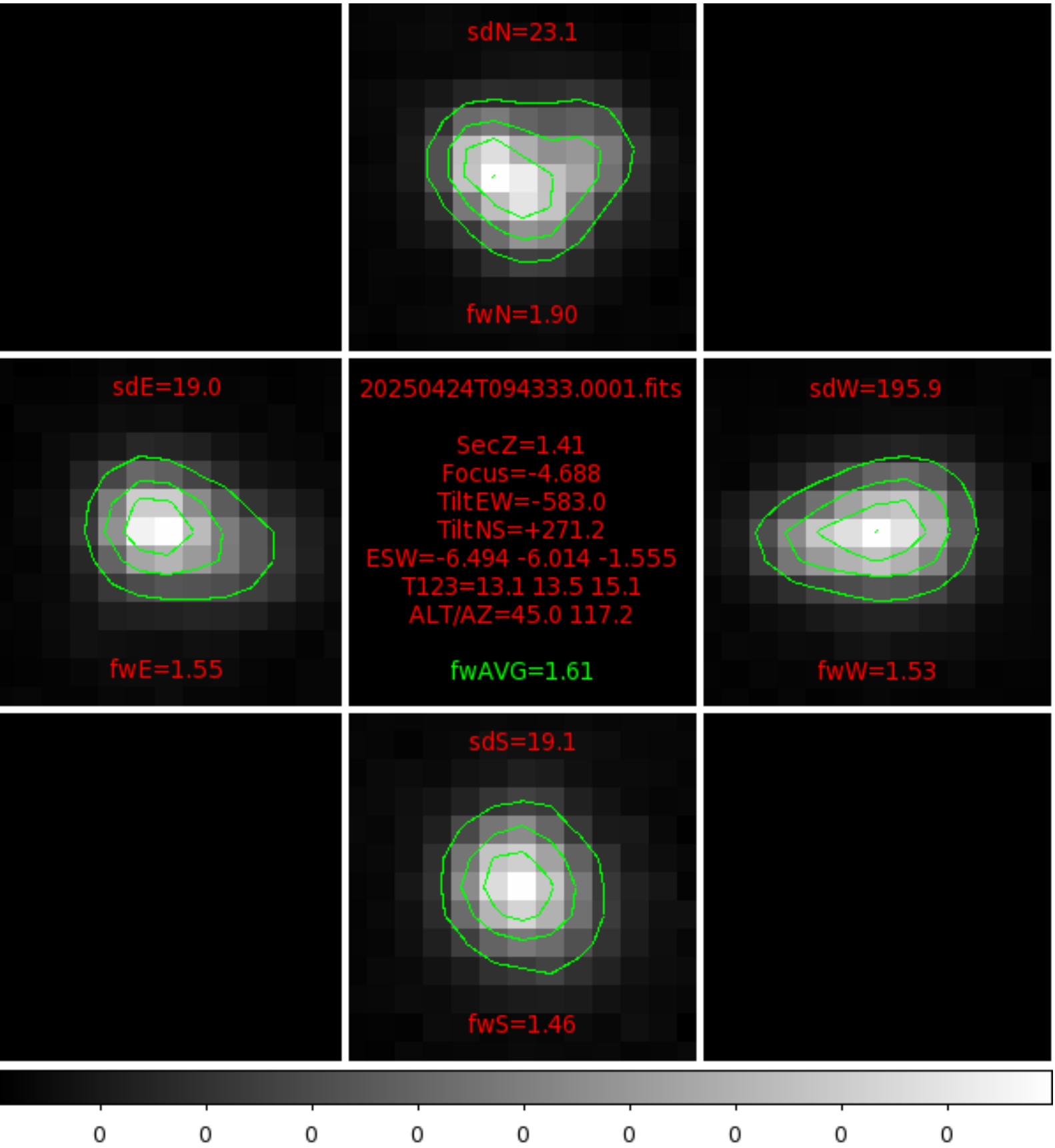
sdN=23.1
fwN=1.90
sdE=19.0
fwE=1.55
20250424T094333.0001.fits
SecZ=1.41
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.1
ALT/AZ=45.0 117.2
fwAVG=1.61
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sdS=19.1
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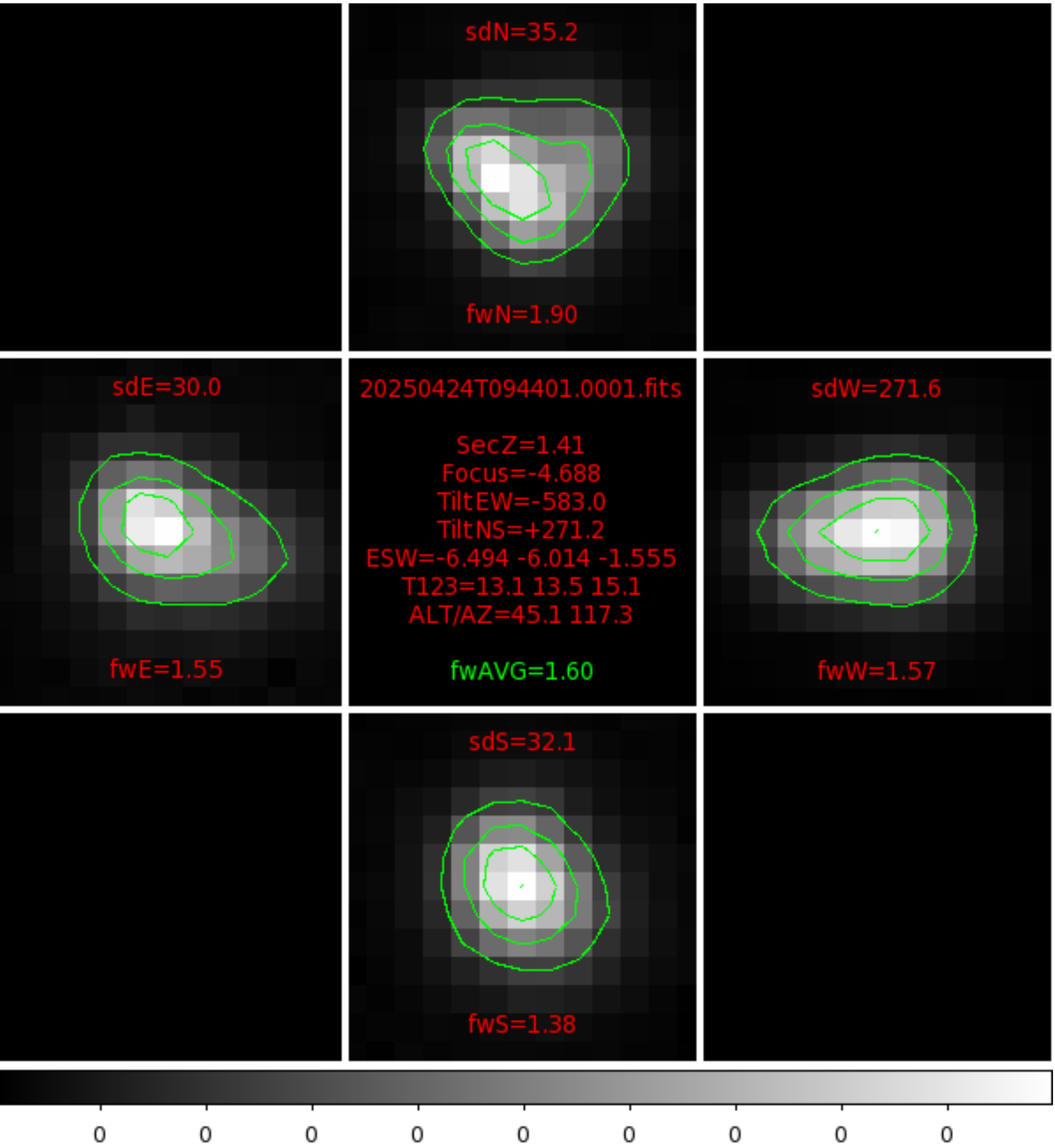
sdN=35.2
fwN=1.90
sdE=30.0
fwE=1.55
20250424T094401.0001.fits
SecZ=1.41
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.1
ALT/AZ=45.1 117.3
fwAVG=1.60
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sdS=32.1
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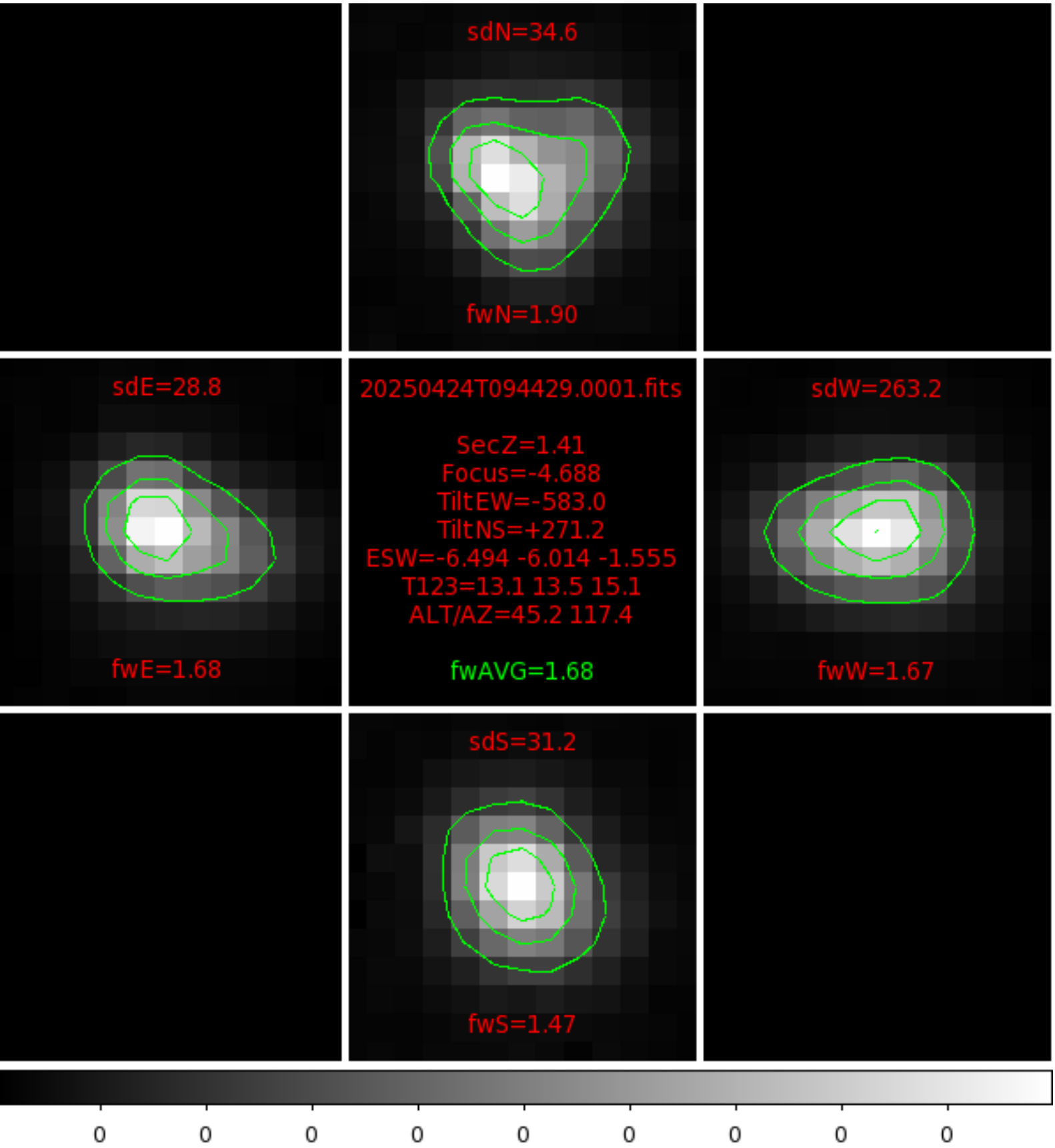
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sdE=28.8
fwE=1.68
20250424T094429.0001.fits
SecZ=1.41
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.1
ALT/AZ=45.2 117.4
fwAVG=1.68
sdW=263.2
fwW=1.67
sdS=31.2
fwS=1.47
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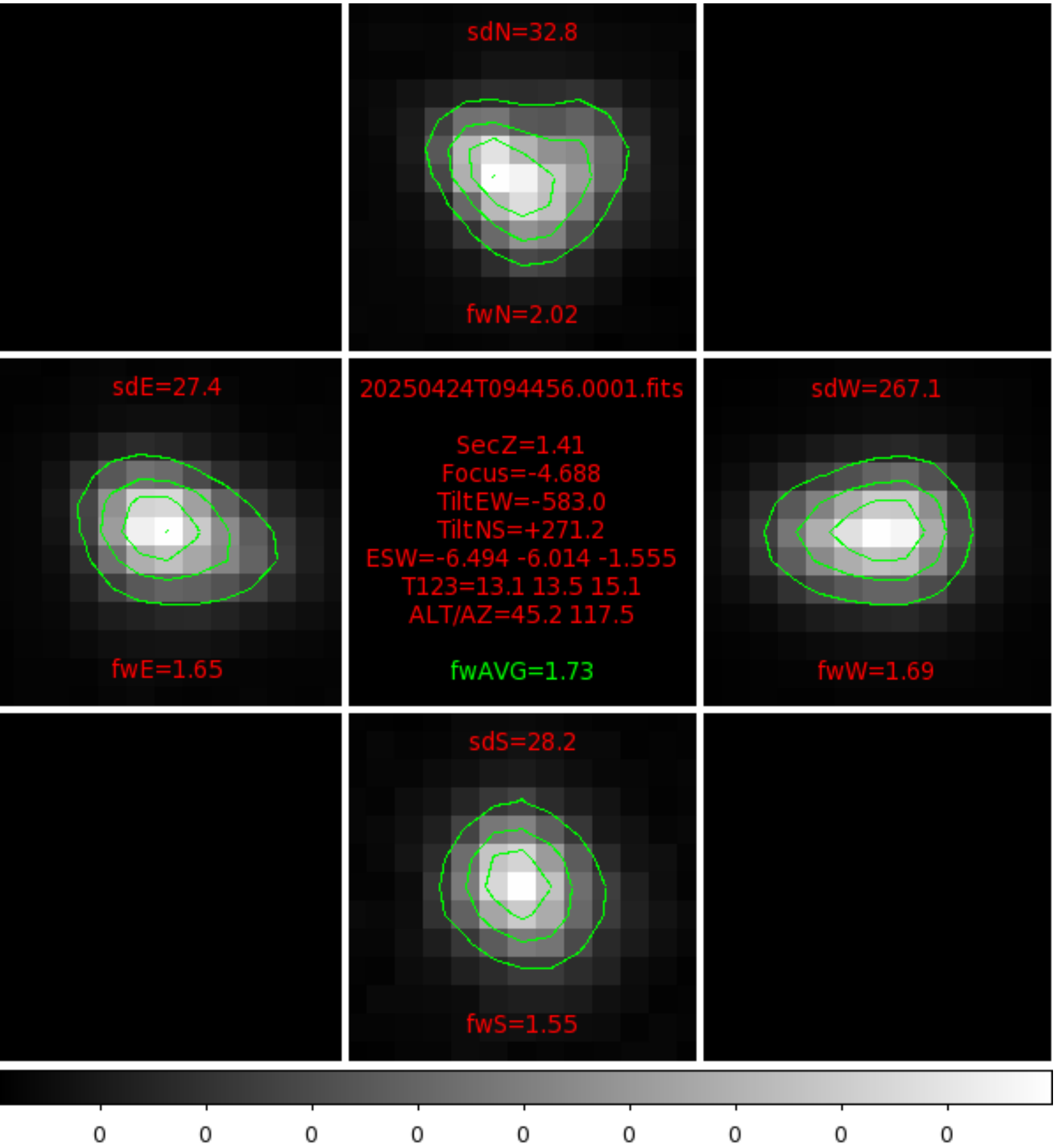
sdN=32.8
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sdE=27.4
fwE=1.65
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SecZ=1.41
Focus=-4.688
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TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.1
ALT/AZ=45.2 117.5
fwAVG=1.73
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sdS=28.2
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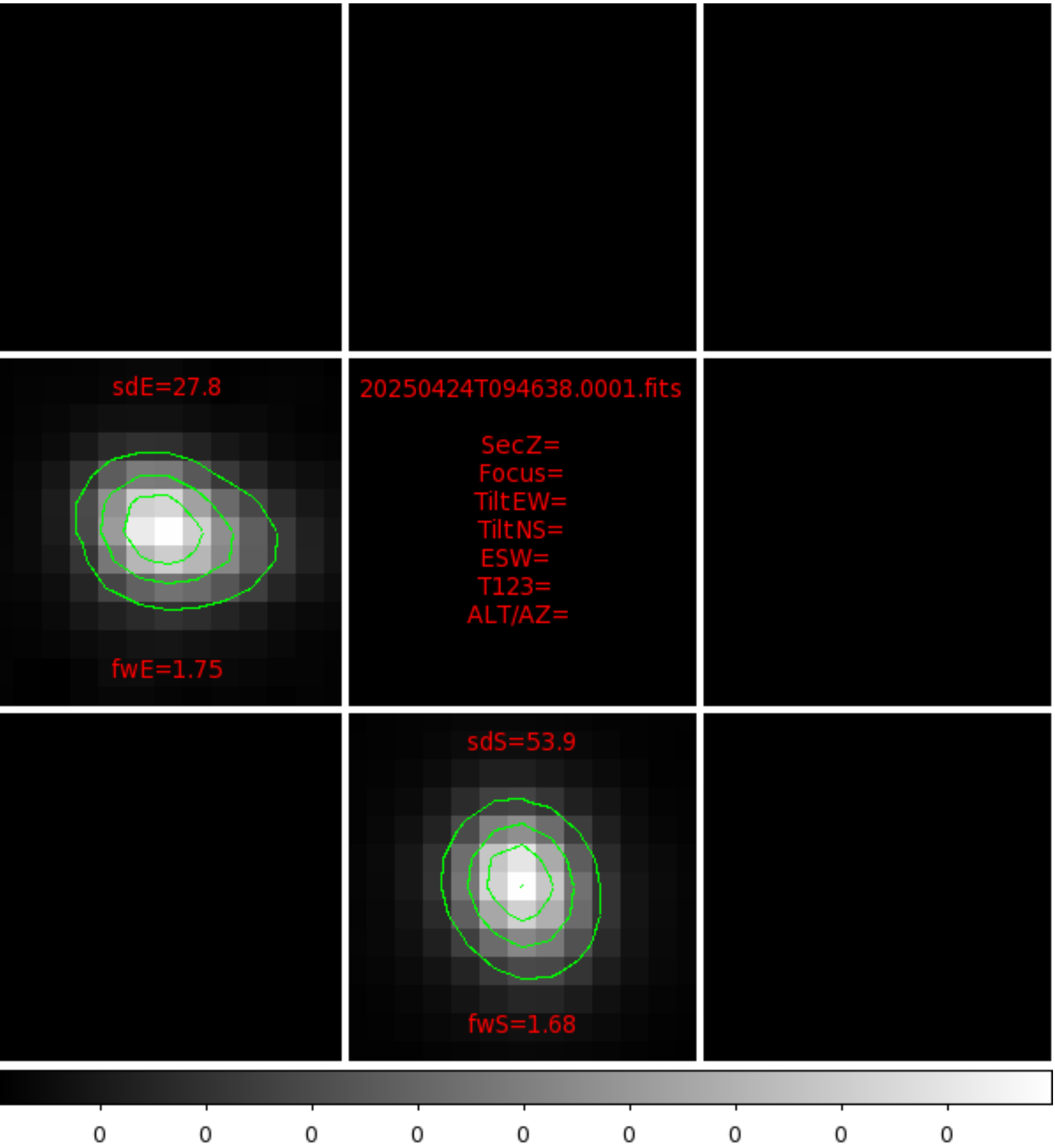
sdE=27.8
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20250424T094638.0001.fits
SecZ=
Focus=
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ESW=
T123=
ALT/AZ=
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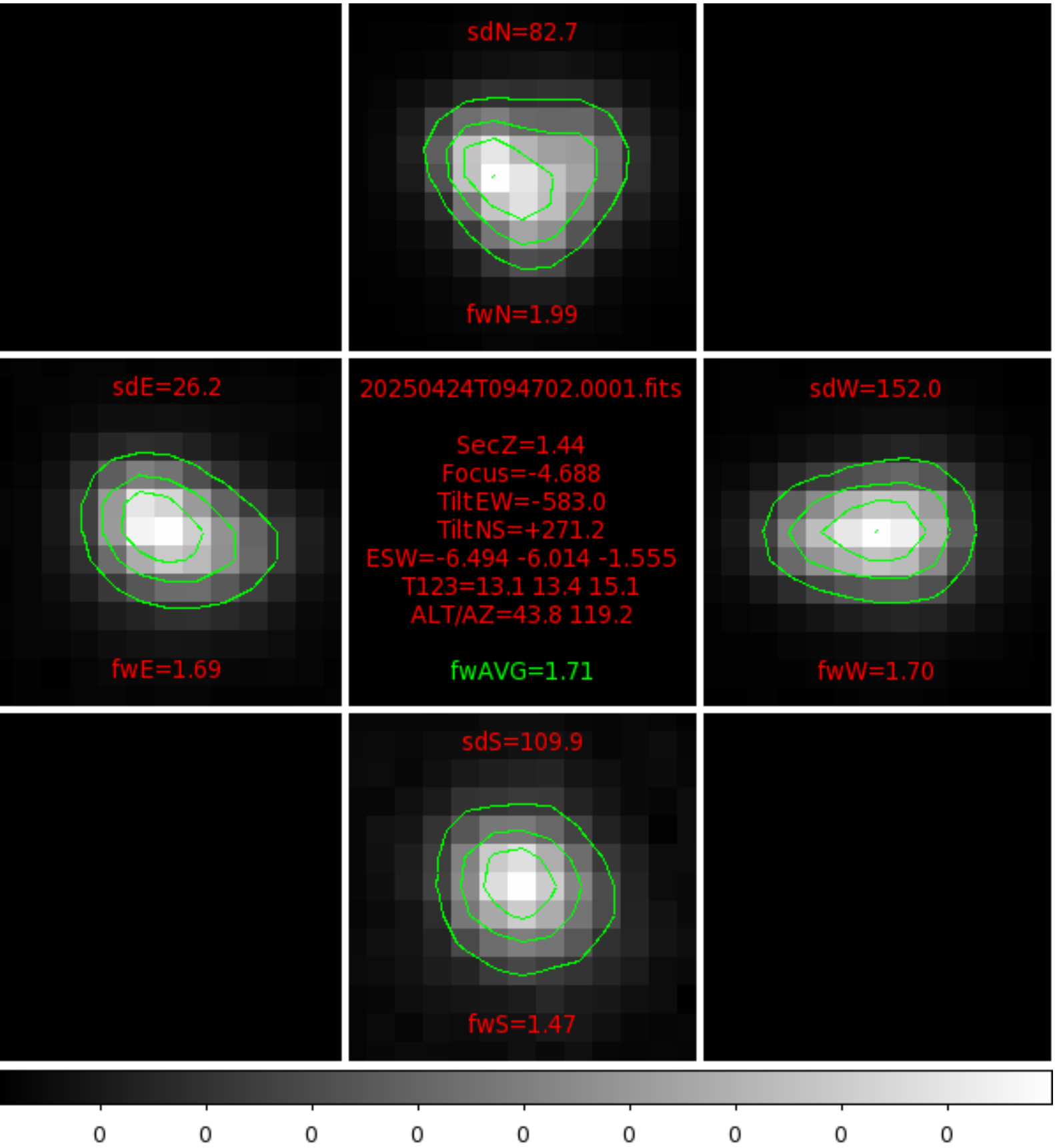
sdN=82.7
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sdE=26.2
fwE=1.69
20250424T094702.0001.fits
SecZ=1.44
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.4 15.1
ALT/AZ=43.8 119.2
fwAVG=1.71
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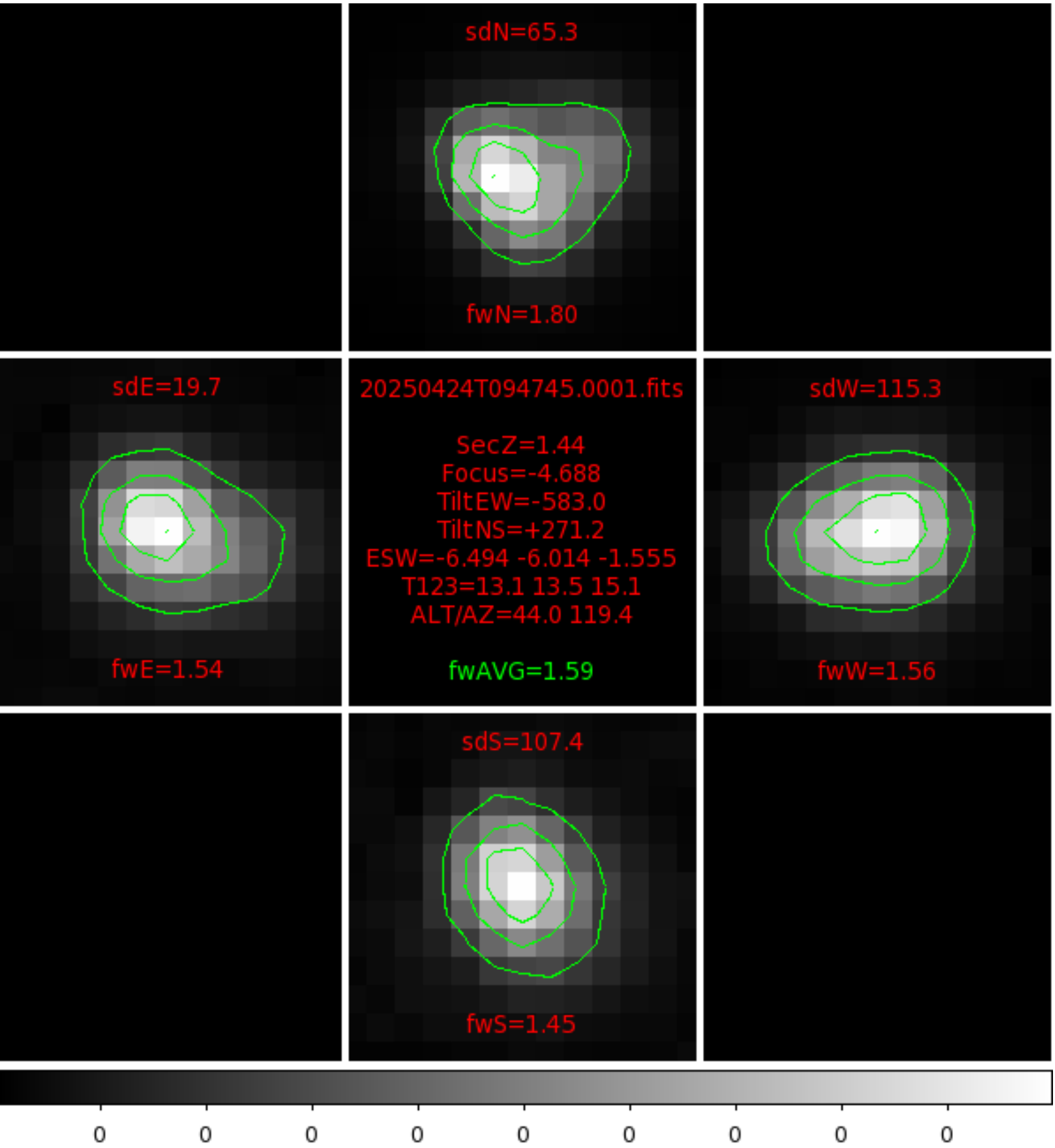
sdN=65.3
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sdE=19.7
fwE=1.54
20250424T094745.0001.fits
SecZ=1.44
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.1
ALT/AZ=44.0 119.4
fwAVG=1.59
sdW=115.3
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sdS=107.4
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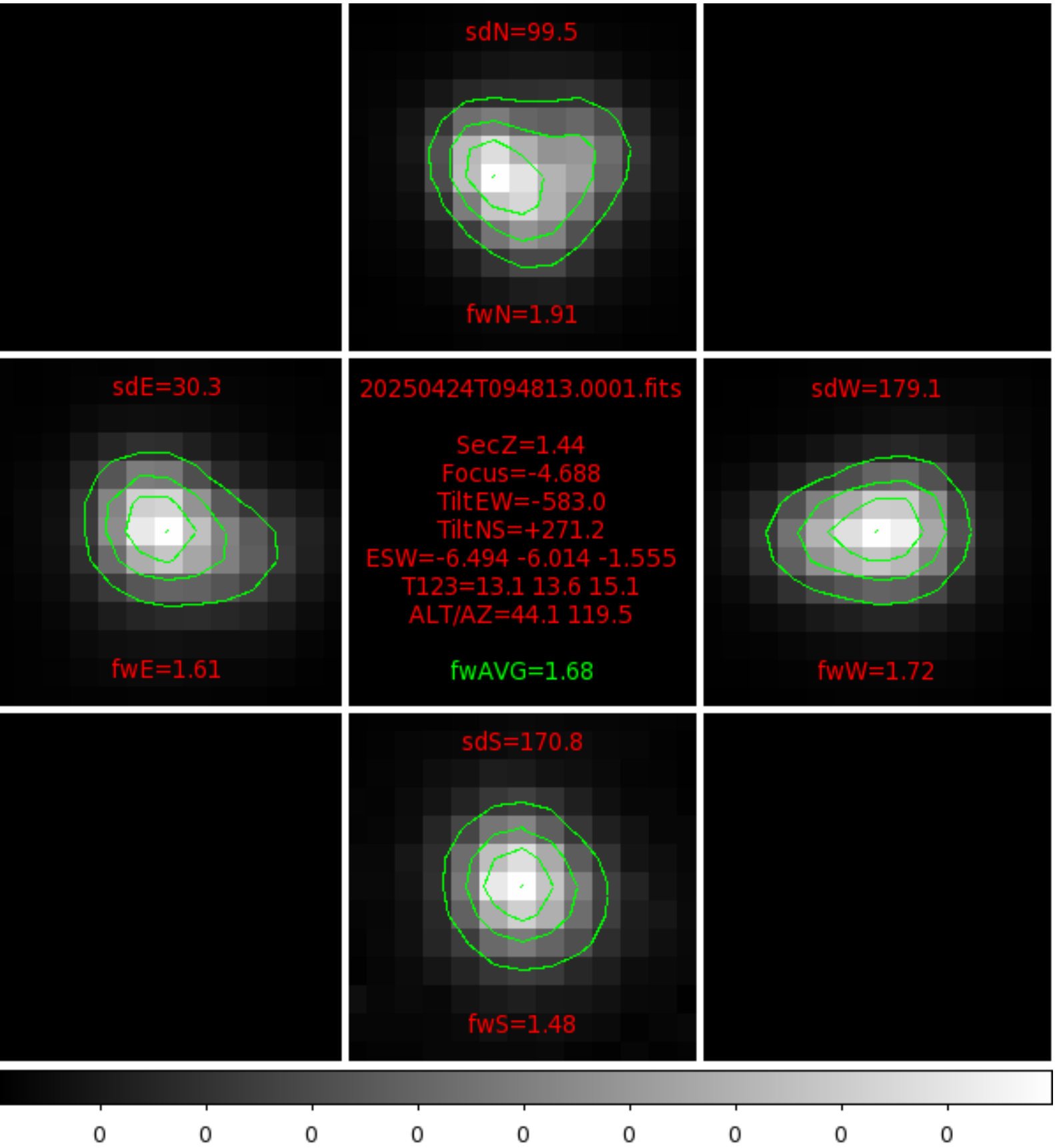
sdN=99.5
fwN=1.91
sdE=30.3
fwE=1.61
20250424T094813.0001.fits
SecZ=1.44
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.6 15.1
ALT/AZ=44.1 119.5
fwAVG=1.68
sdW=179.1
fwW=1.72
sdS=170.8
fwS=1.48
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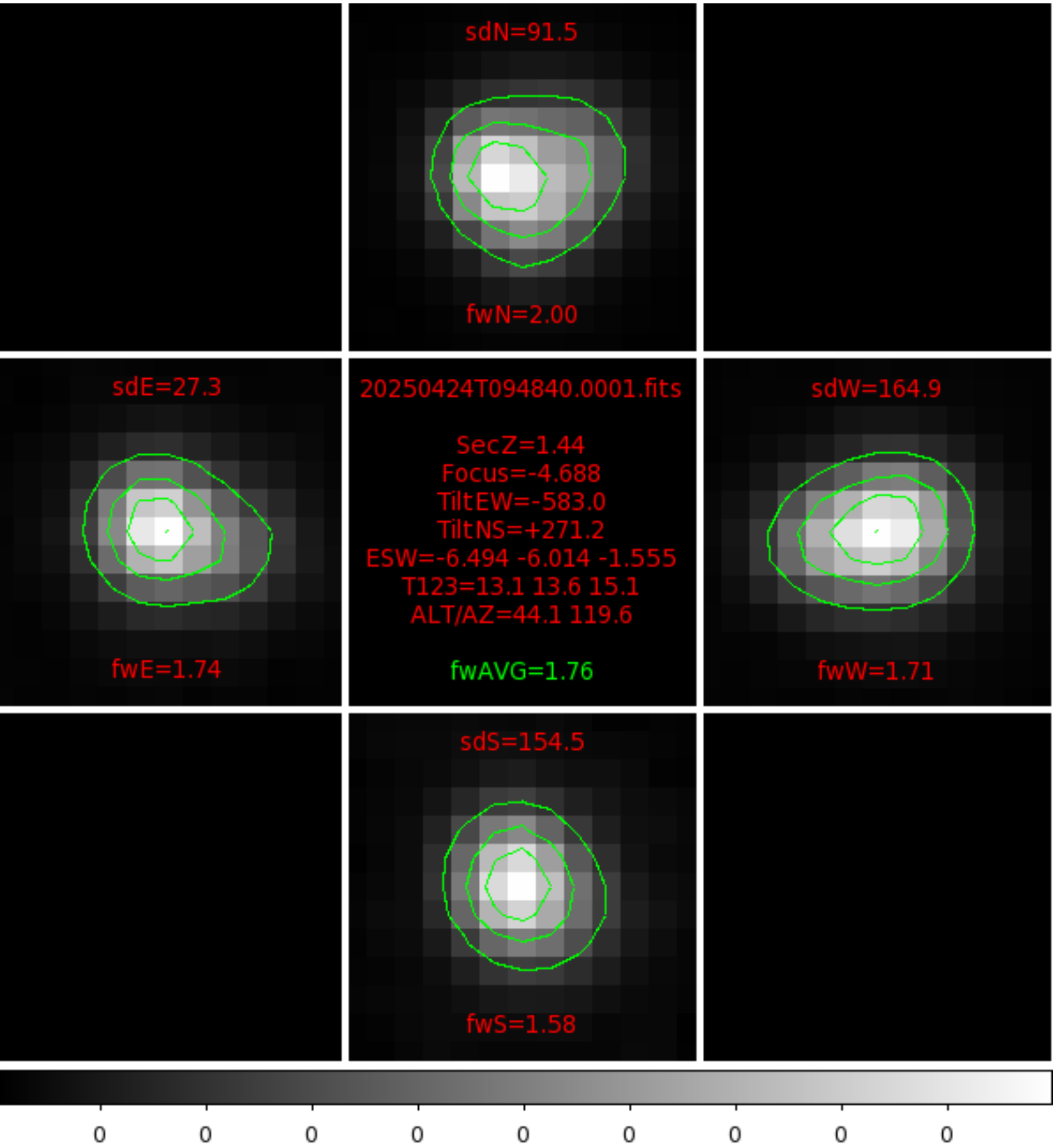
sdN=91.5
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sdE=27.3
fwE=1.74
20250424T094840.0001.fits
SecZ=1.44
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.6 15.1
ALT/AZ=44.1 119.6
fwAVG=1.76
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sdS=154.5
fwS=1.58
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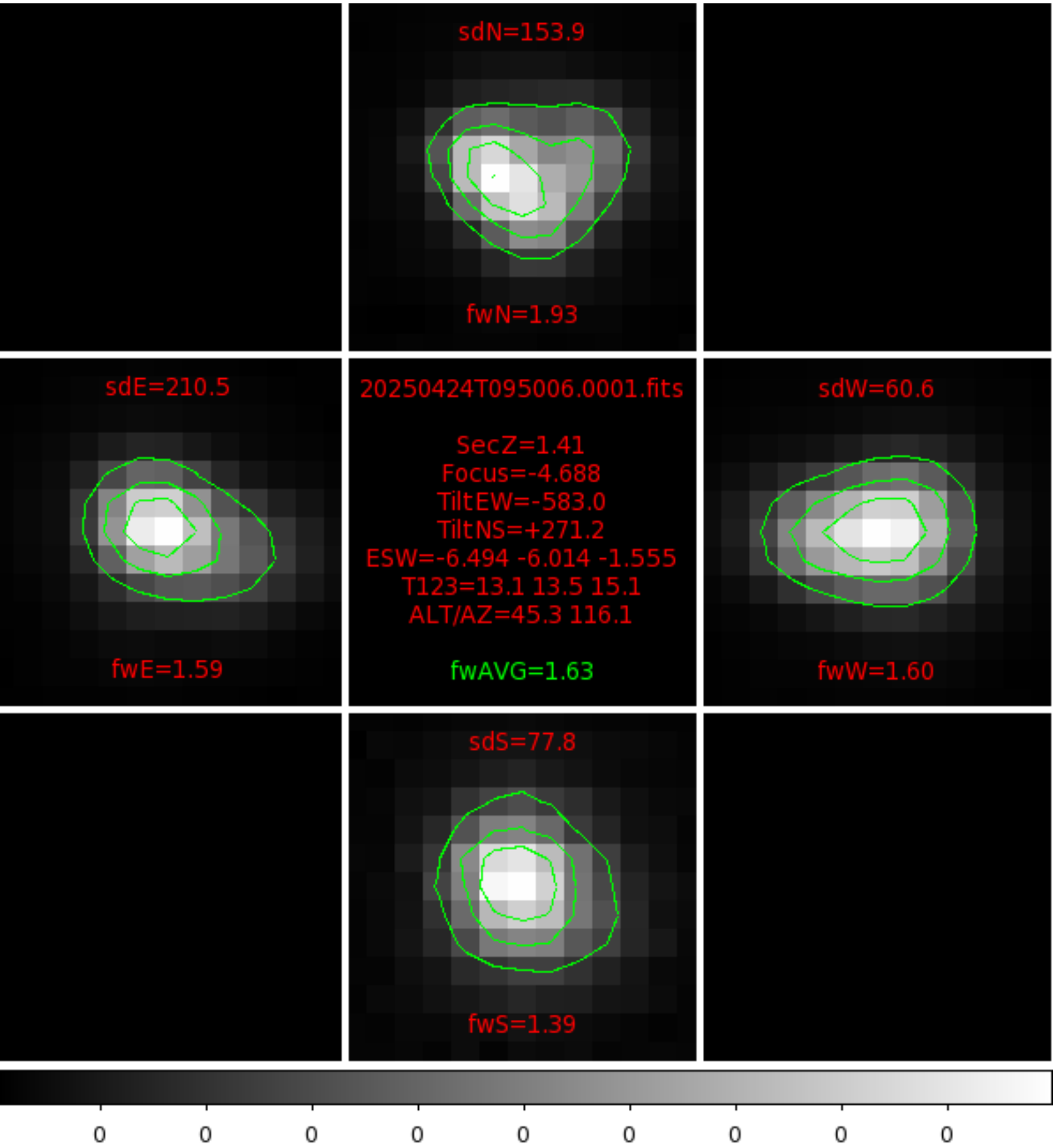
sdN=153.9
fwN=1.93
sdE=210.5
fwE=1.59
20250424T095006.0001.fits
SecZ=1.41
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.1
ALT/AZ=45.3 116.1
fwAVG=1.63
sdW=60.6
fwW=1.60
sdS=77.8
fwS=1.39
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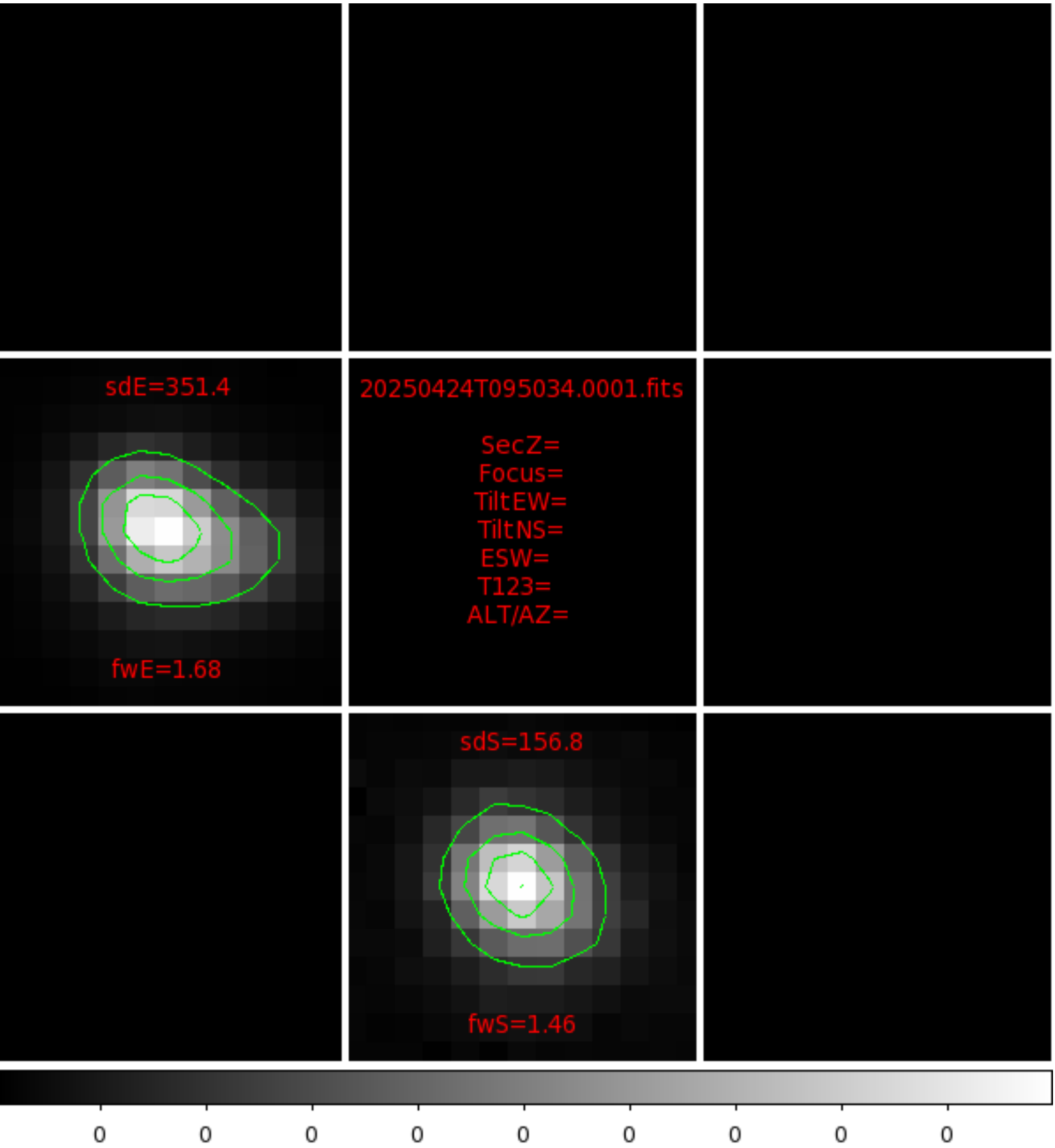
sdE=351.4
fwE=1.68
20250424T095034.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=156.8
fwS=1.46
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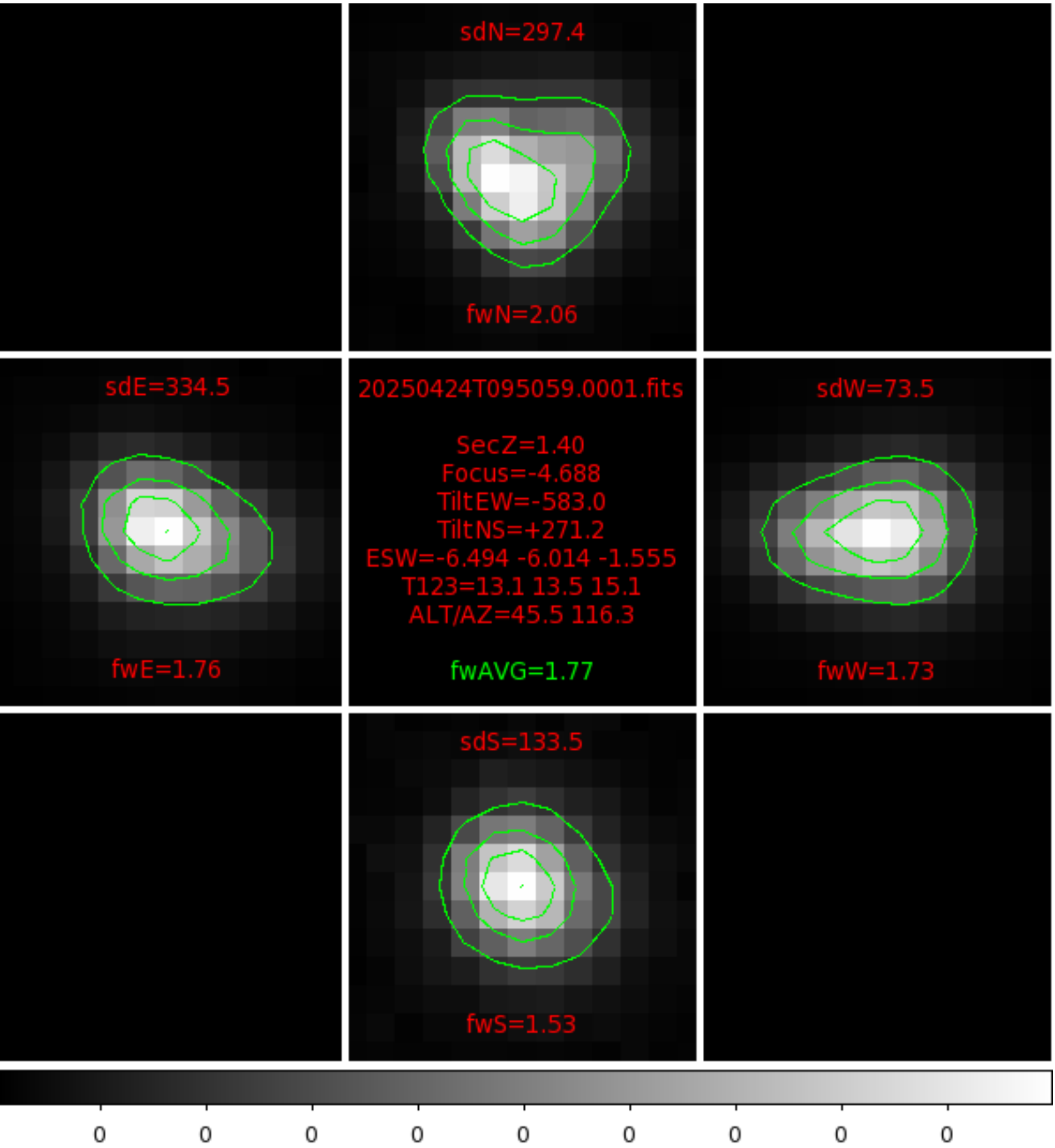
sdN=297.4
fwN=2.06
sdE=334.5
fwE=1.76
20250424T095059.0001.fits
SecZ=1.40
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.1
ALT/AZ=45.5 116.3
fwAVG=1.77
sdW=73.5
fwW=1.73
sdS=133.5
fwS=1.53
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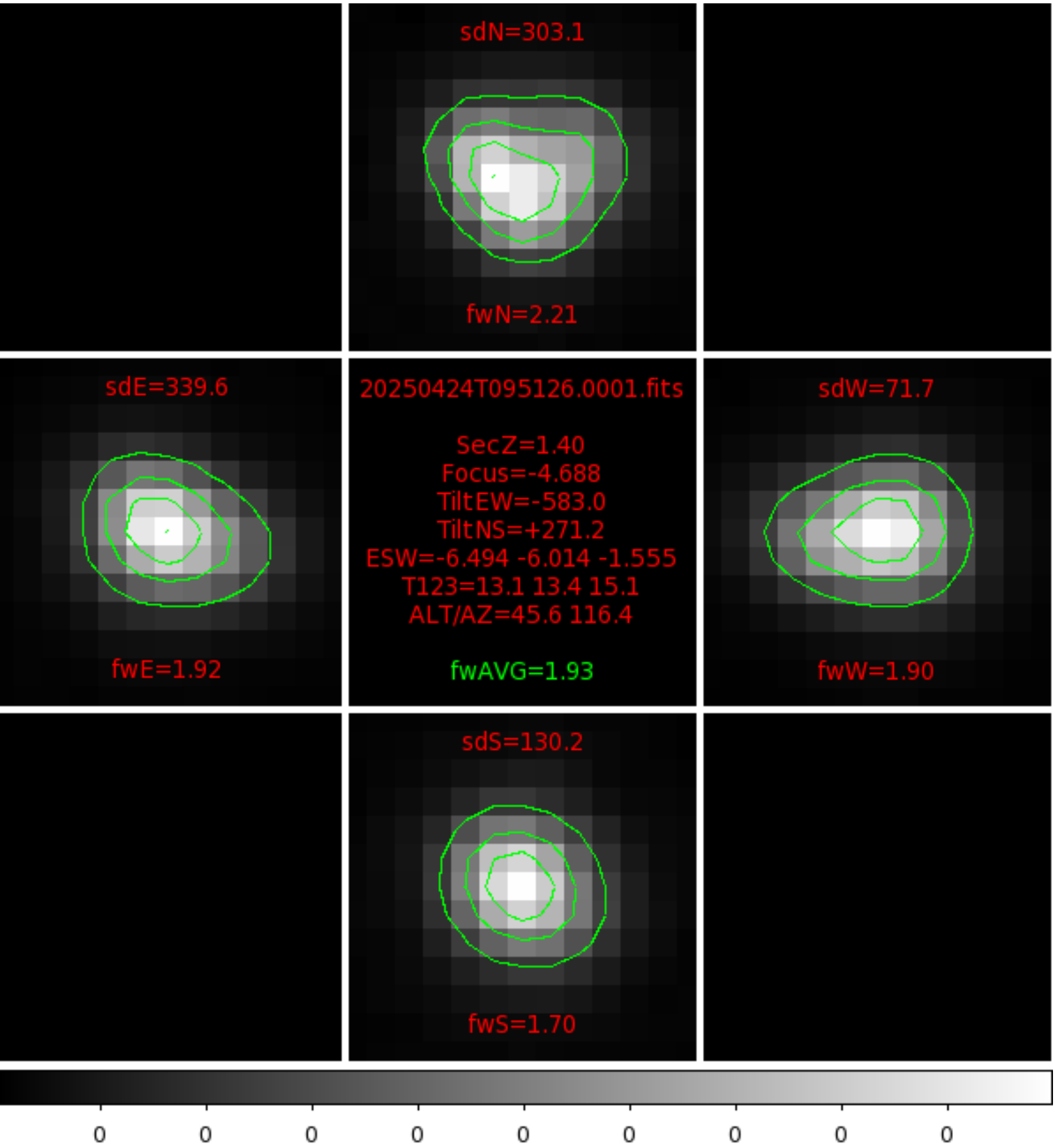
sdN=303.1
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sdE=339.6
fwE=1.92
20250424T095126.0001.fits
SecZ=1.40
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.4 15.1
ALT/AZ=45.6 116.4
fwAVG=1.93
sdW=71.7
fwW=1.90
sdS=130.2
fwS=1.70
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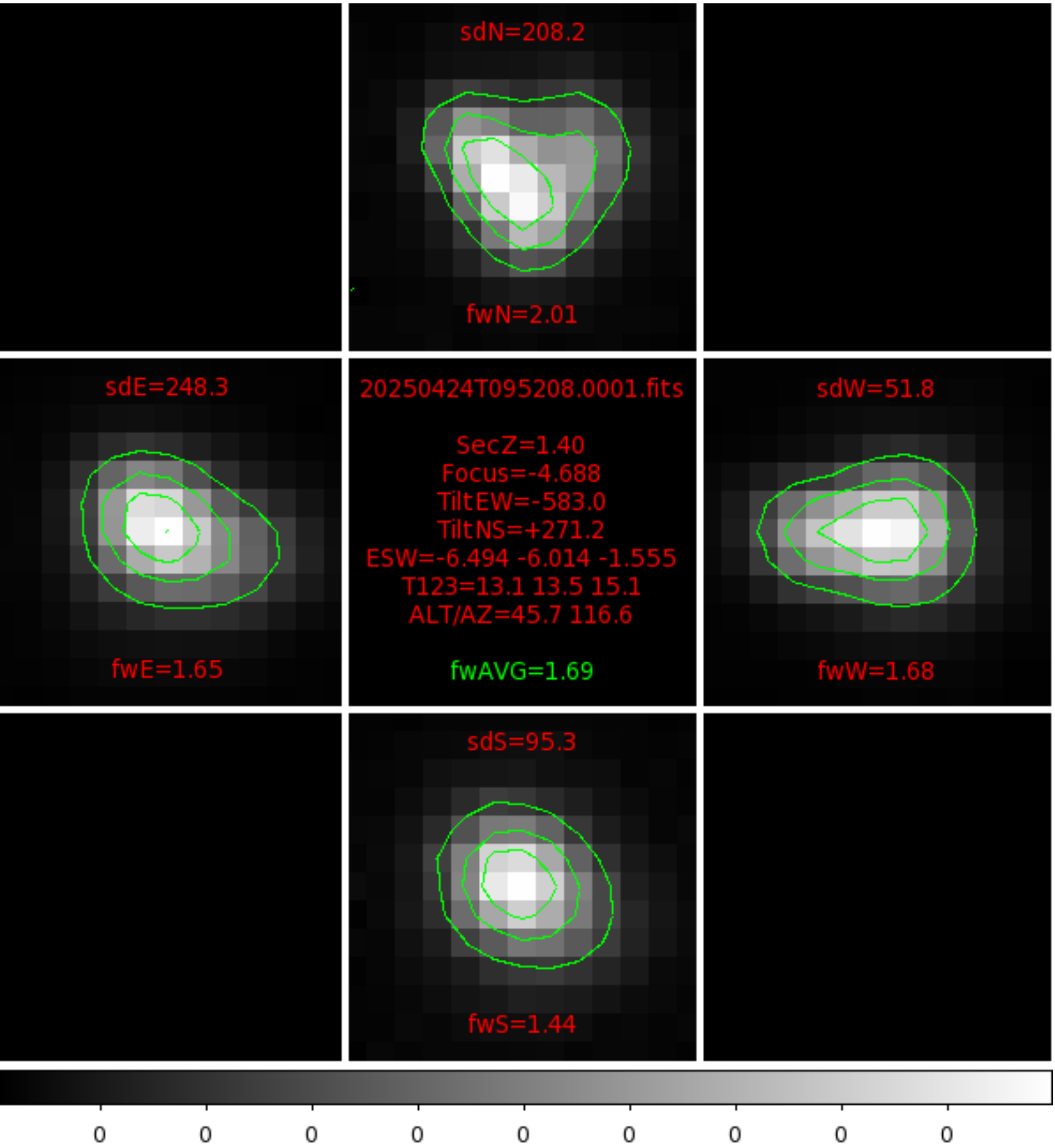
sdN=208.2
fwN=2.01
sdE=248.3
fwE=1.65
20250424T095208.0001.fits
SecZ=1.40
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.5 15.1
ALT/AZ=45.7 116.6
fwAVG=1.69
sdW=51.8
fwW=1.68
sdS=95.3
fwS=1.44
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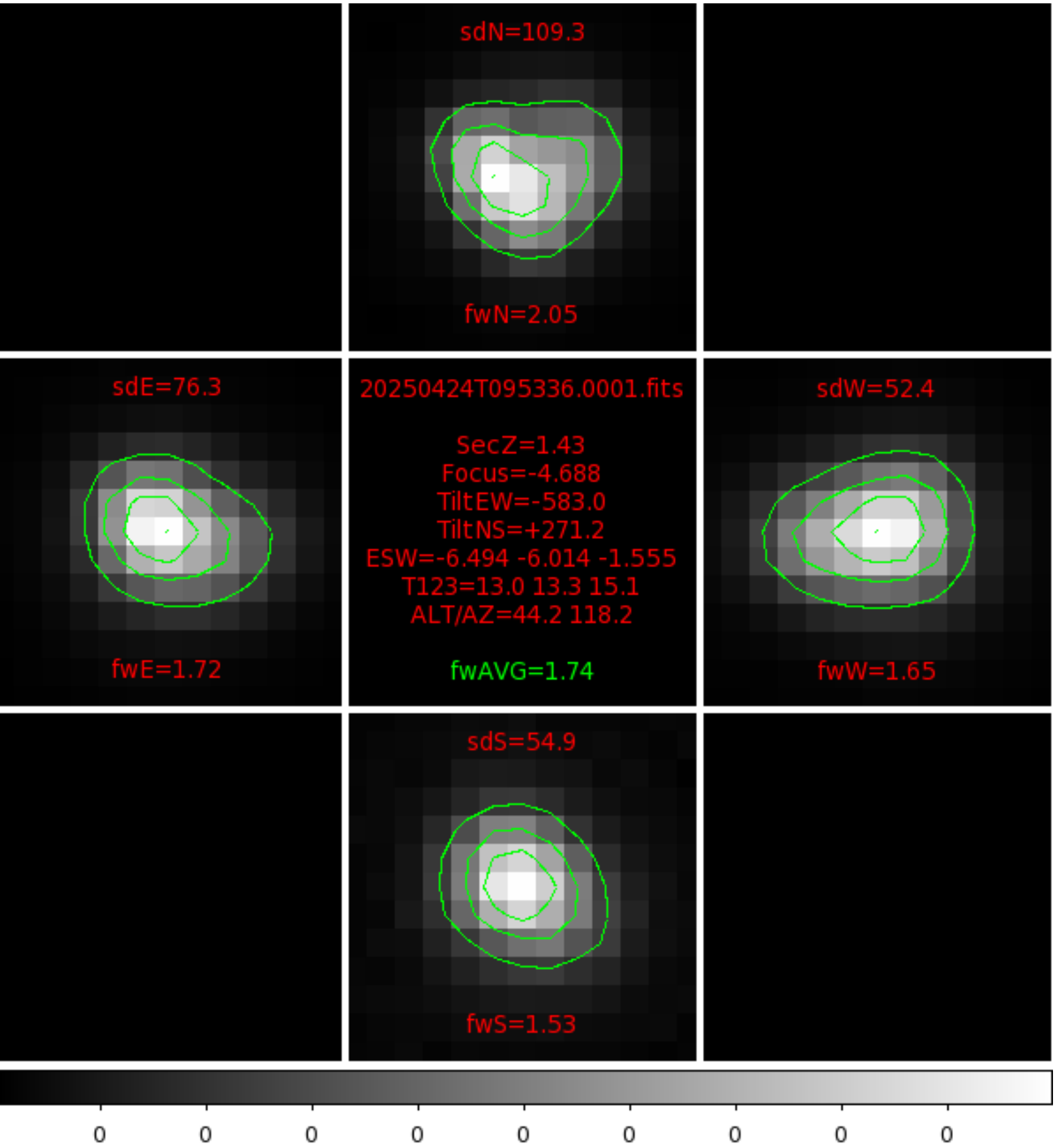
sdN=109.3
fwN=2.05
sdE=76.3
fwE=1.72
20250424T095336.0001.fits
SecZ=1.43
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.1
ALT/AZ=44.2 118.2
fwAVG=1.74
sdW=52.4
fwW=1.65
sdS=54.9
fwS=1.53
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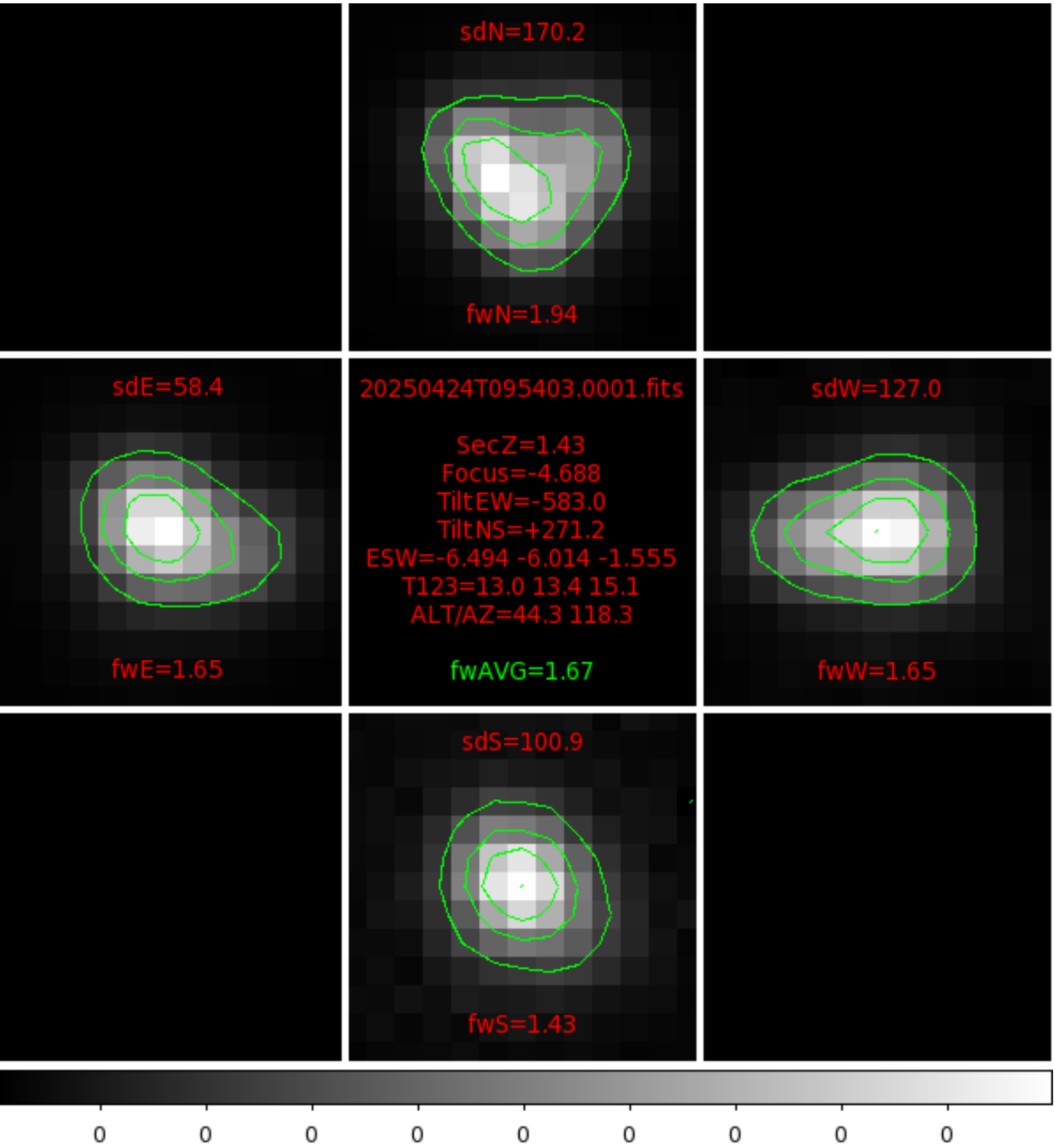
sdN=170.2
fwN=1.94
sdE=58.4
fwE=1.65
20250424T095403.0001.fits
SecZ=1.43
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.4 15.1
ALT/AZ=44.3 118.3
fwAVG=1.67
sdW=127.0
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sdS=100.9
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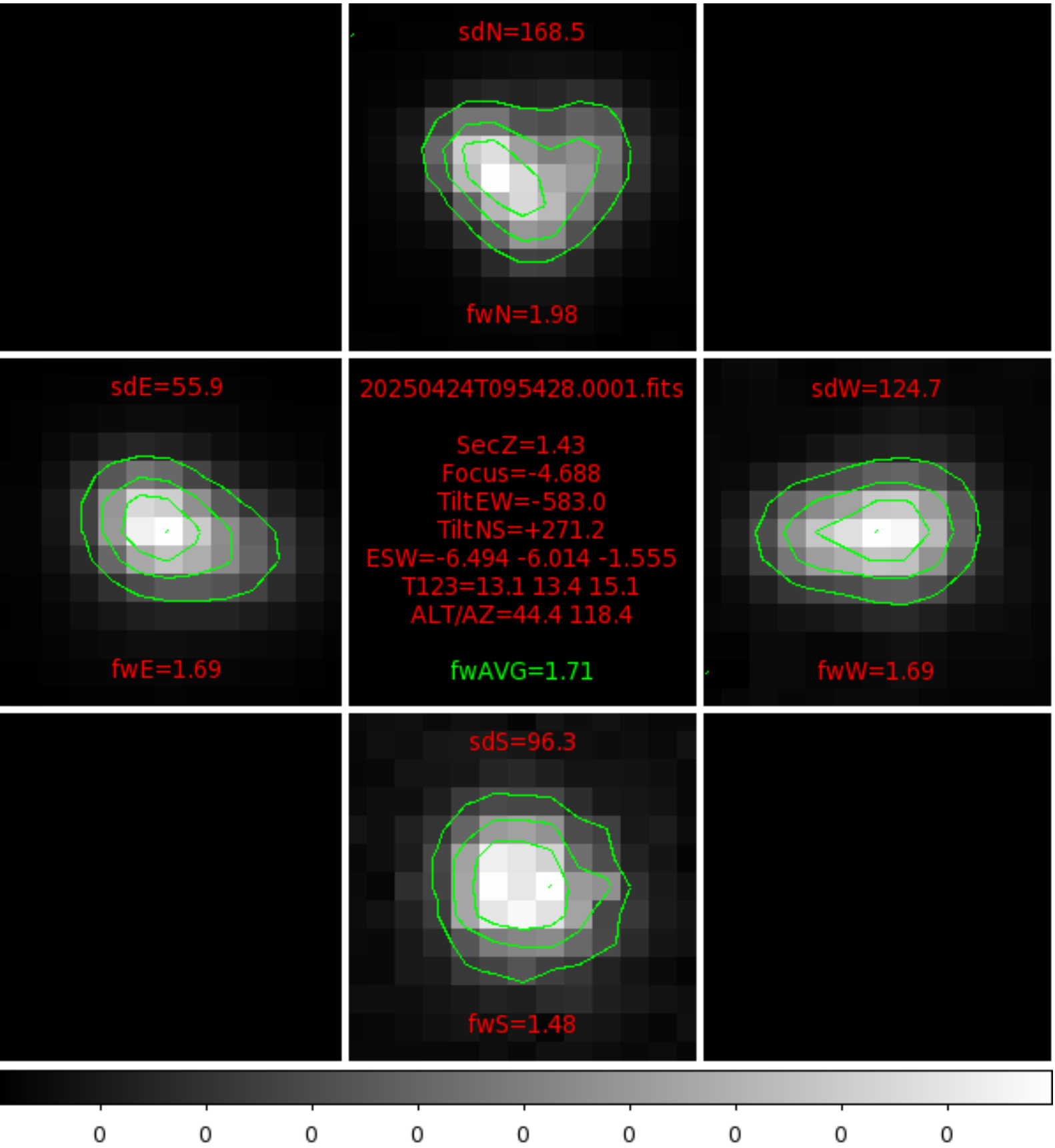
sdN=168.5
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sdE=55.9
fwE=1.69
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SecZ=1.43
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.1 13.4 15.1
ALT/AZ=44.4 118.4
fwAVG=1.71
sdW=124.7
fwW=1.69
sdS=96.3
fwS=1.48
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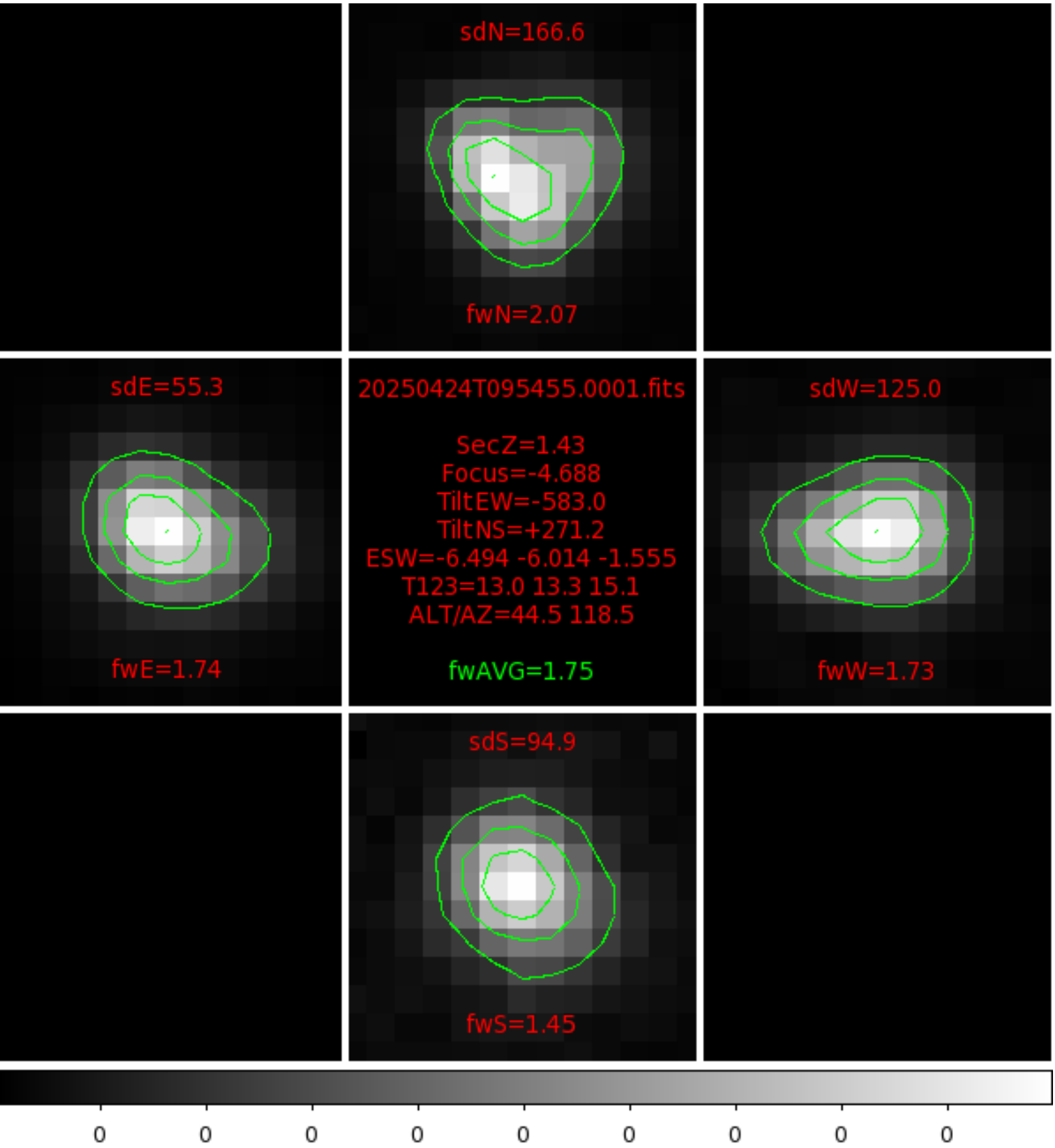
sdN=166.6
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sdE=55.3
fwE=1.74
20250424T095455.0001.fits
SecZ=1.43
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.1
ALT/AZ=44.5 118.5
fwAVG=1.75
sdW=125.0
fwW=1.73
sdS=94.9
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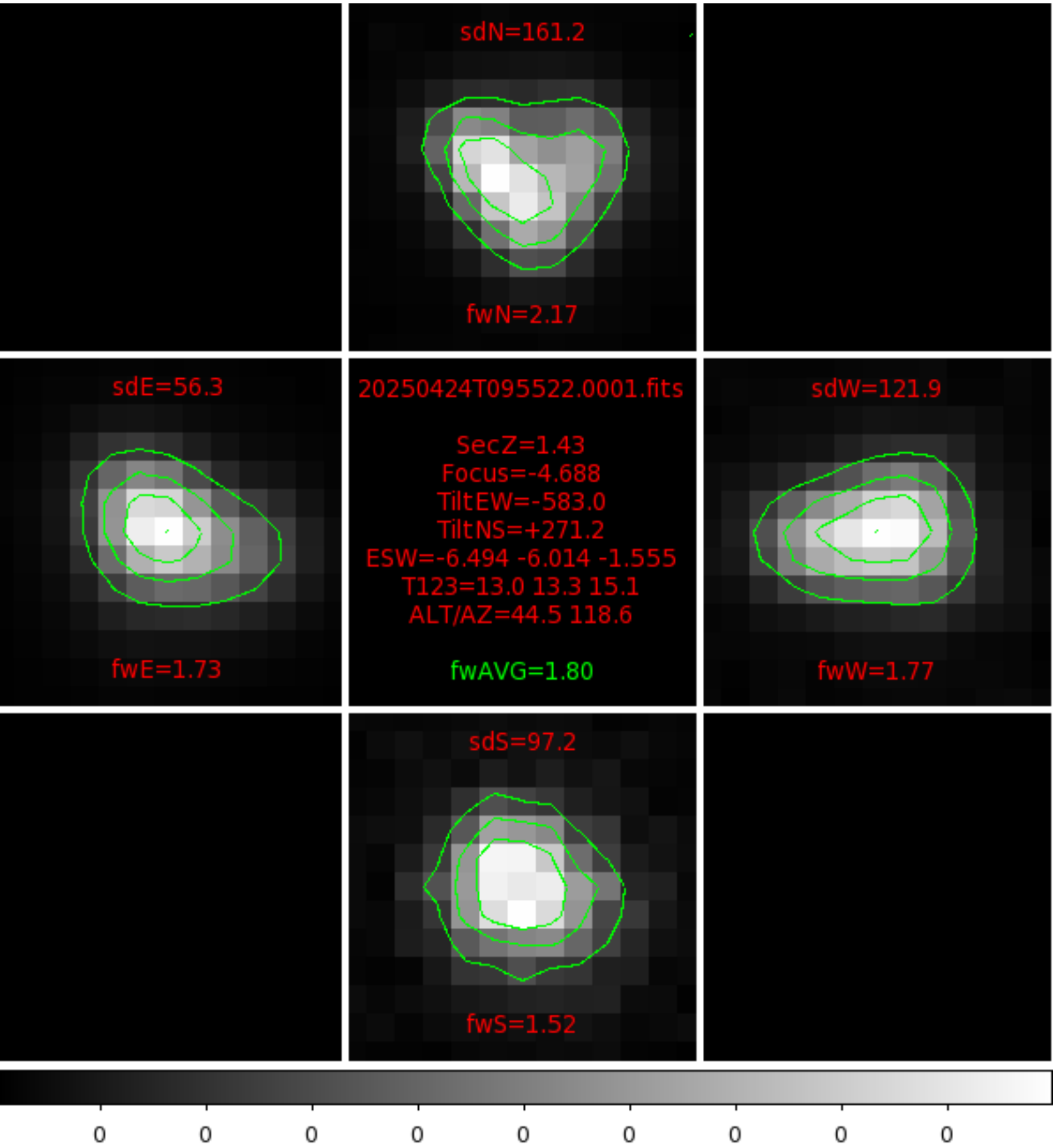
sdN=161.2
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sdE=56.3
fwE=1.73
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SecZ=1.43
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.1
ALT/AZ=44.5 118.6
fwAVG=1.80
sdW=121.9
fwW=1.77
sdS=97.2
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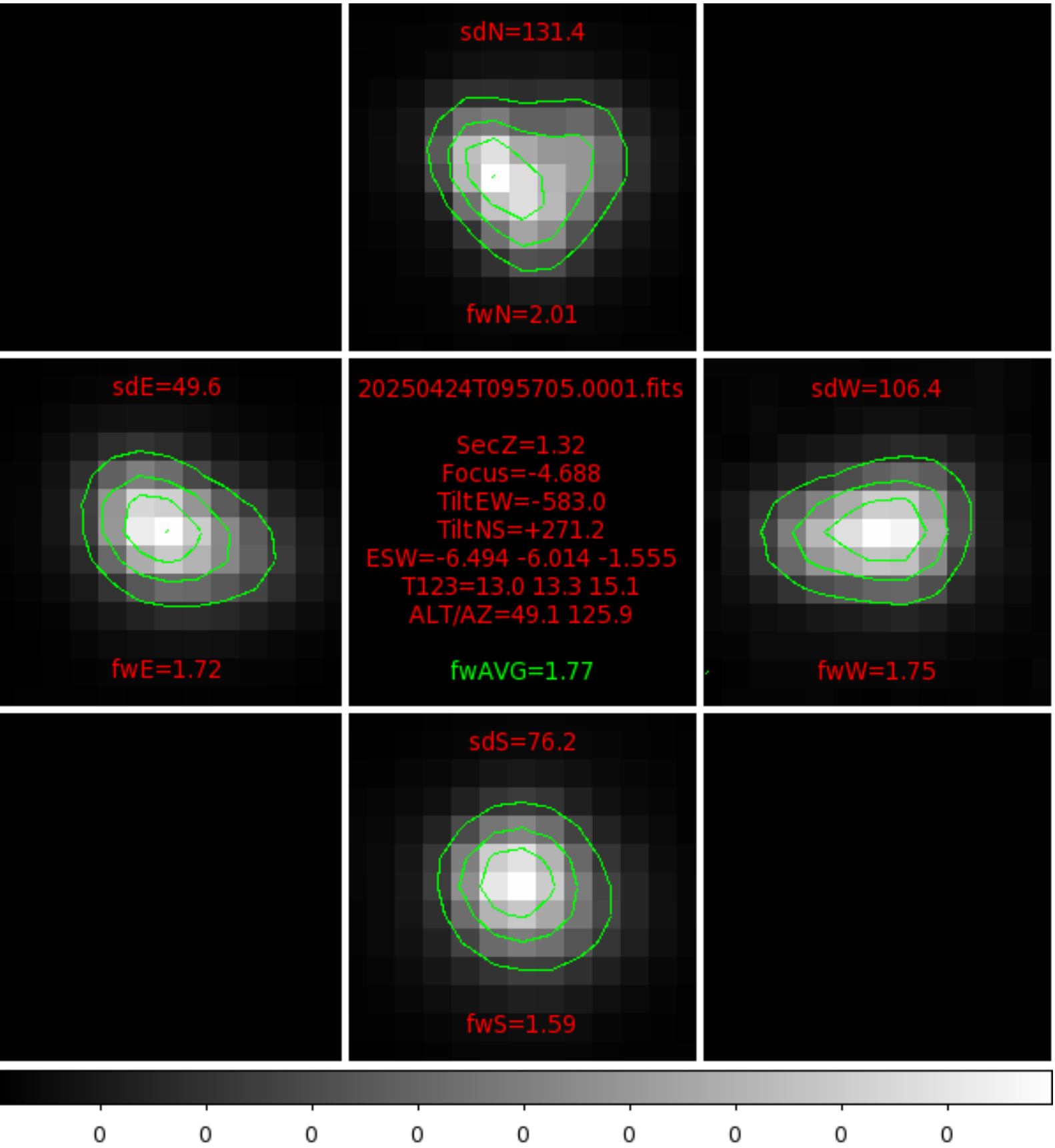
sdN=131.4
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sdE=49.6
fwE=1.72
20250424T095705.0001.fits
SecZ=1.32
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.1
ALT/AZ=49.1 125.9
fwAVG=1.77
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fwW=1.75
sdS=76.2
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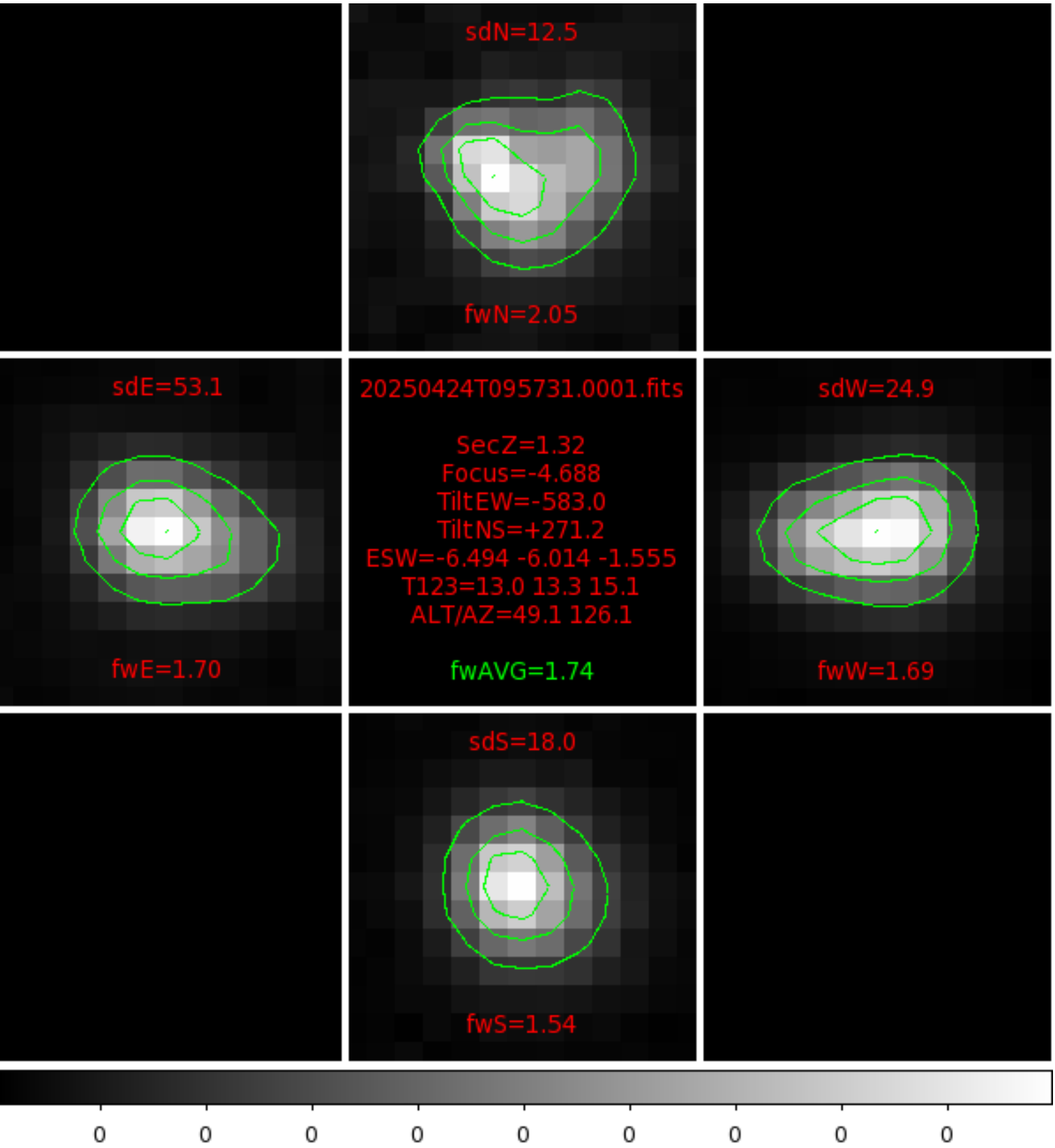
sdN=12.5
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sdE=53.1
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SecZ=1.32
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.1
ALT/AZ=49.1 126.1
fwAVG=1.74
sdW=24.9
fwW=1.69
sdS=18.0
fwS=1.54
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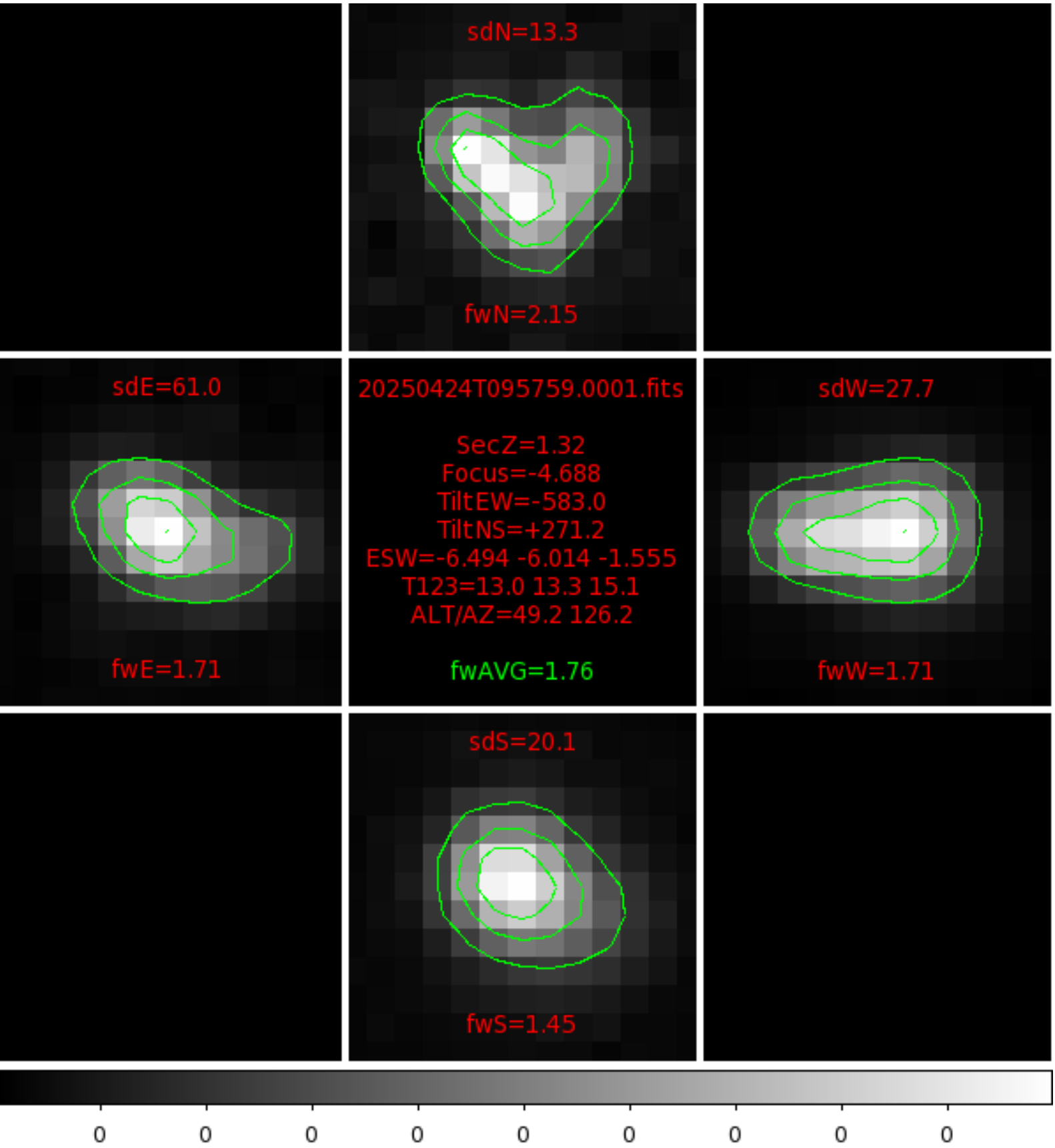
sdN=13.3
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sdE=61.0
fwE=1.71
20250424T095759.0001.fits
SecZ=1.32
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.1
ALT/AZ=49.2 126.2
fwAVG=1.76
sdW=27.7
fwW=1.71
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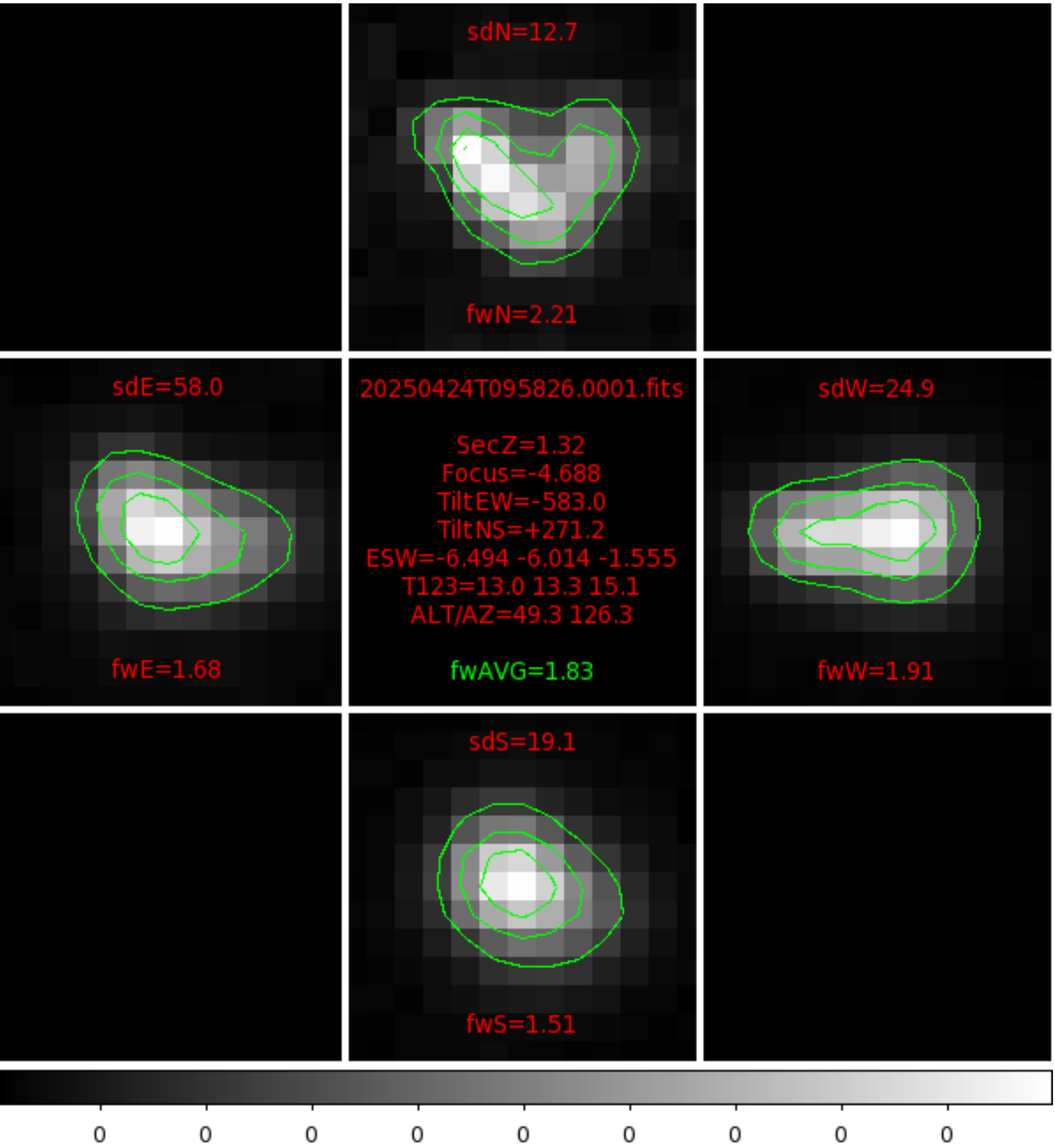
sdN=12.7
fwN=2.21
sdE=58.0
fwE=1.68
20250424T095826.0001.fits
SecZ=1.32
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.1
ALT/AZ=49.3 126.3
fwAVG=1.83
sdW=24.9
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sdS=19.1
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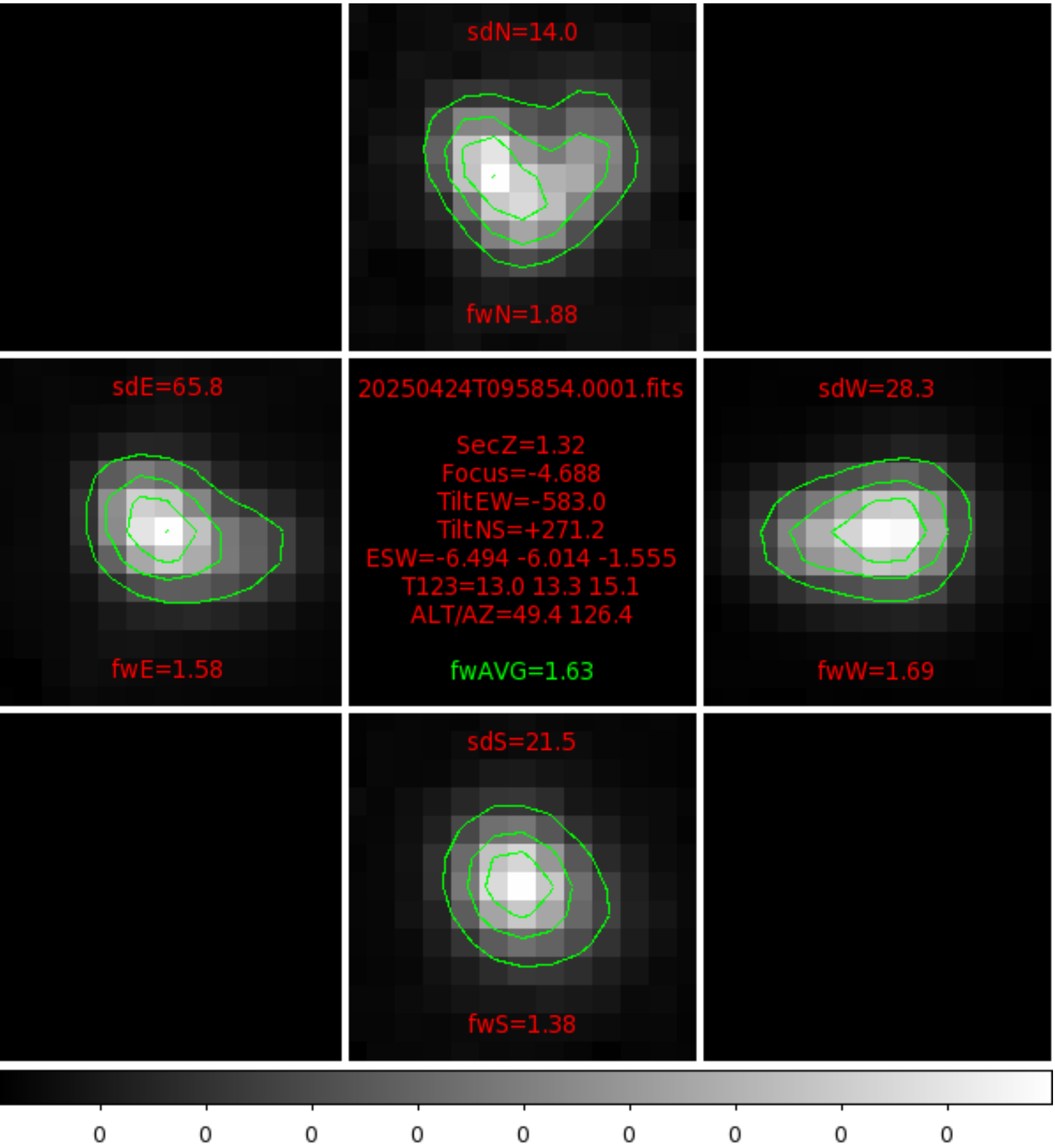
sdN=14.0
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sdE=65.8
fwE=1.58
20250424T095854.0001.fits
SecZ=1.32
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.1
ALT/AZ=49.4 126.4
fwAVG=1.63
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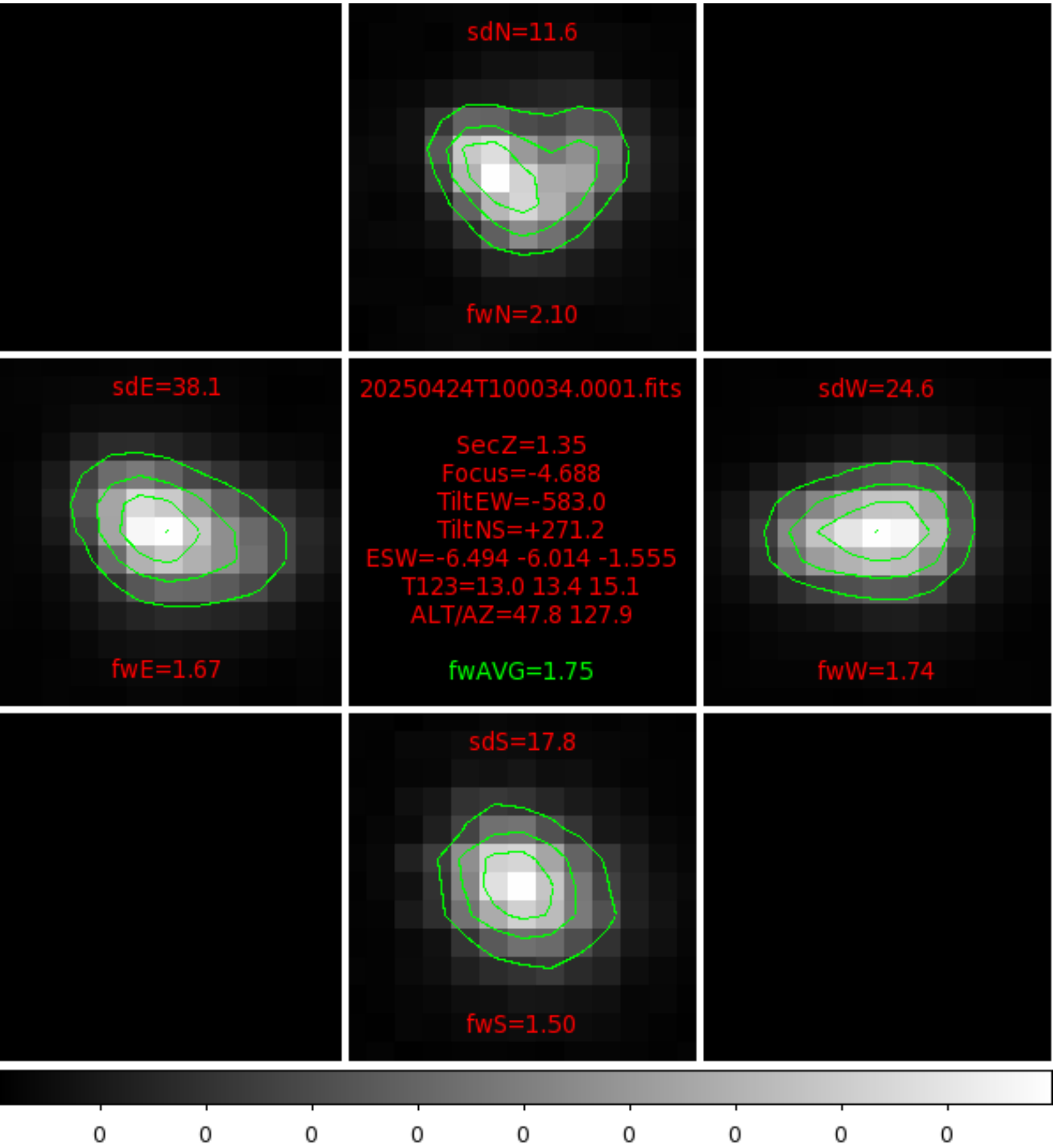
sdN=11.6
fwN=2.10
sdE=38.1
fwE=1.67
20250424T100034.0001.fits
SecZ=1.35
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.4 15.1
ALT/AZ=47.8 127.9
fwAVG=1.75
sdW=24.6
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sdS=17.8
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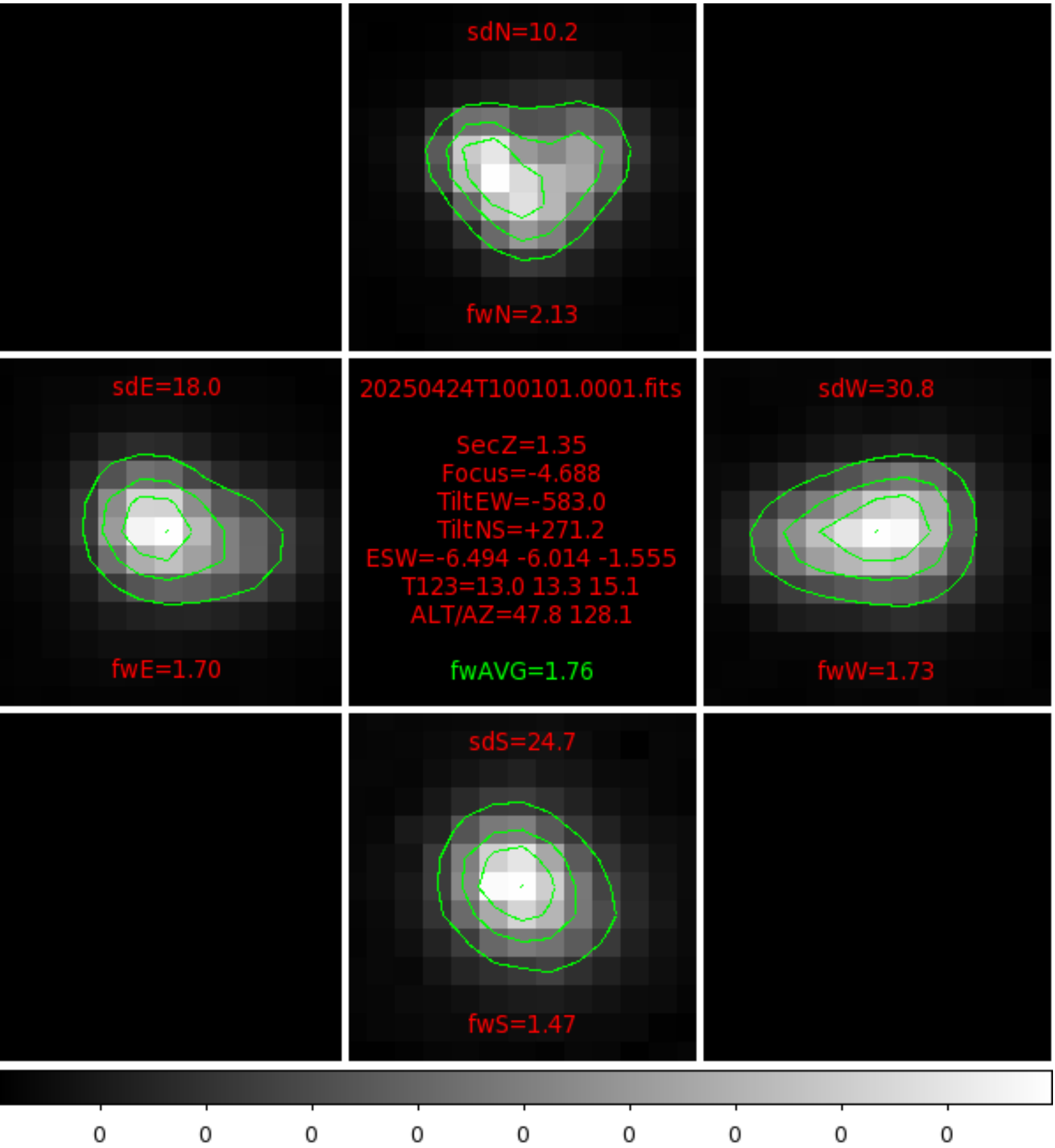
sdN=10.2
fwN=2.13
sdE=18.0
fwE=1.70
20250424T100101.0001.fits
SecZ=1.35
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.1
ALT/AZ=47.8 128.1
fwAVG=1.76
sdW=30.8
fwW=1.73
sdS=24.7
fwS=1.47
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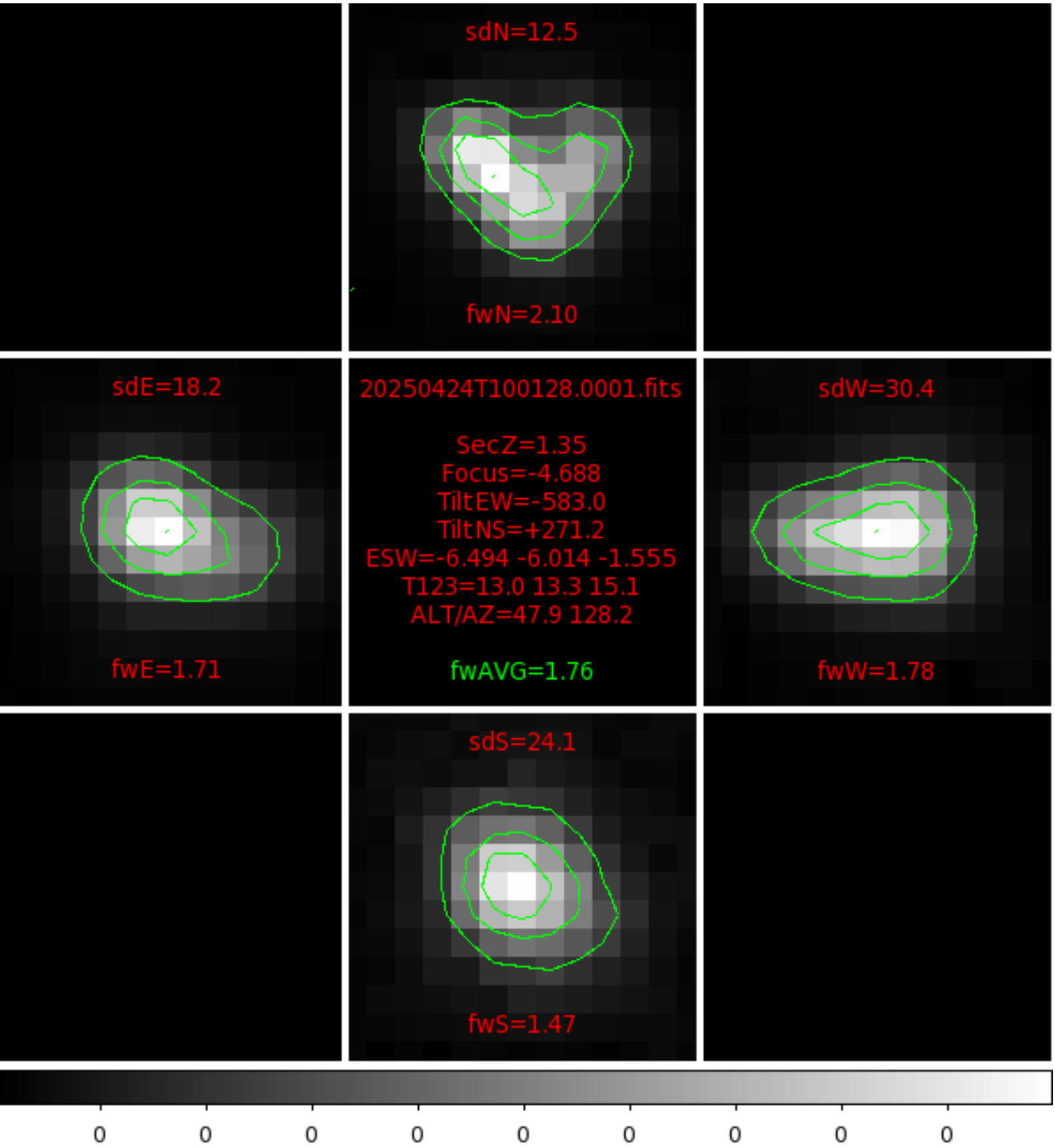
sdN=12.5
fwN=2.10
sdE=18.2
fwE=1.71
20250424T100128.0001.fits
SecZ=1.35
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.1
ALT/AZ=47.9 128.2
fwAVG=1.76
sdW=30.4
fwW=1.78
sdS=24.1
fwS=1.47
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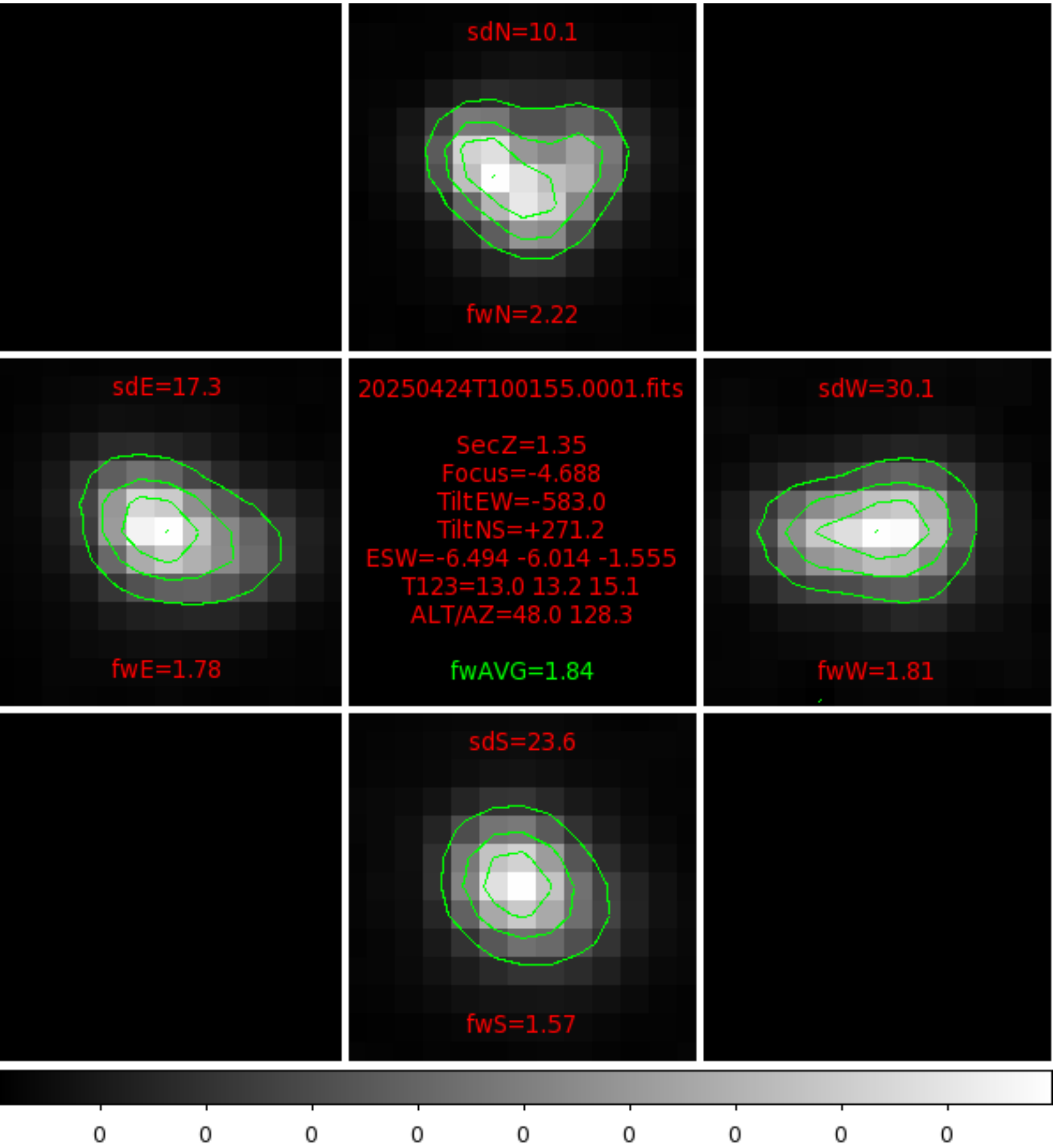
sdN=10.1
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sdE=17.3
fwE=1.78
20250424T100155.0001.fits
SecZ=1.35
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.2 15.1
ALT/AZ=48.0 128.3
fwAVG=1.84
sdW=30.1
fwW=1.81
sdS=23.6
fwS=1.57
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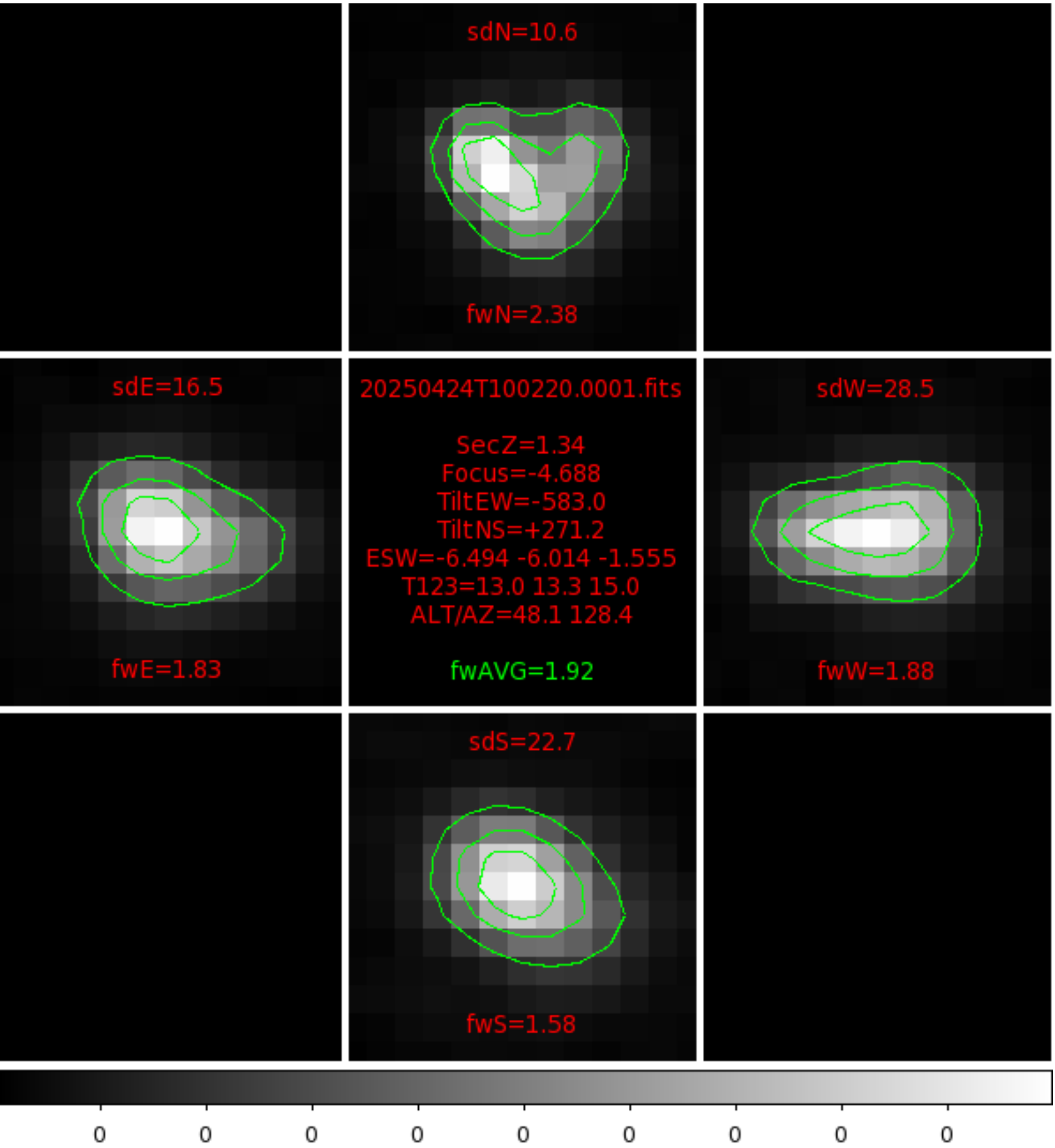
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SecZ=1.34
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TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.0
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fwAVG=1.92
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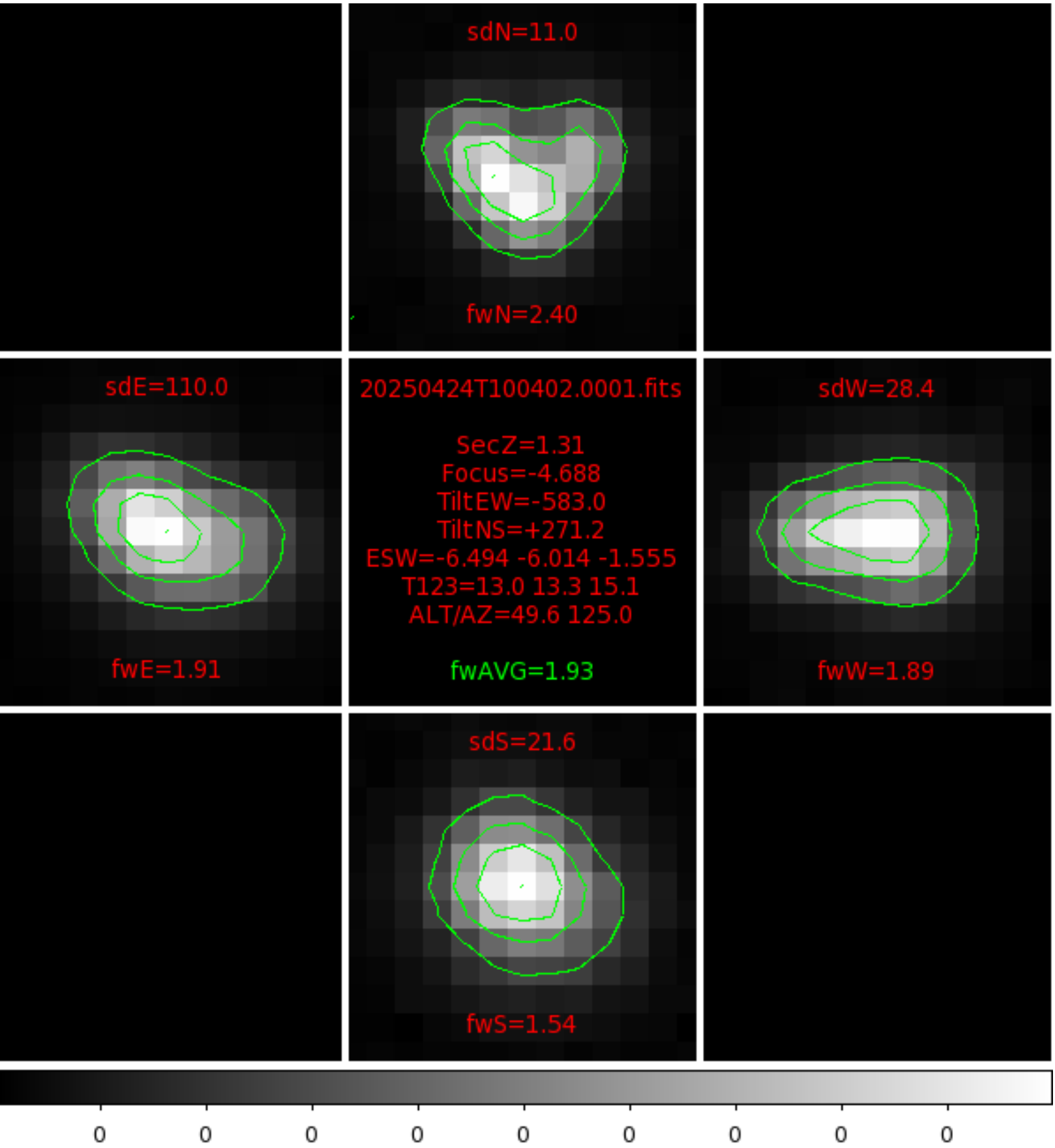
sdN=11.0
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20250424T100402.0001.fits
SecZ=1.31
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.1
ALT/AZ=49.6 125.0
fwAVG=1.93
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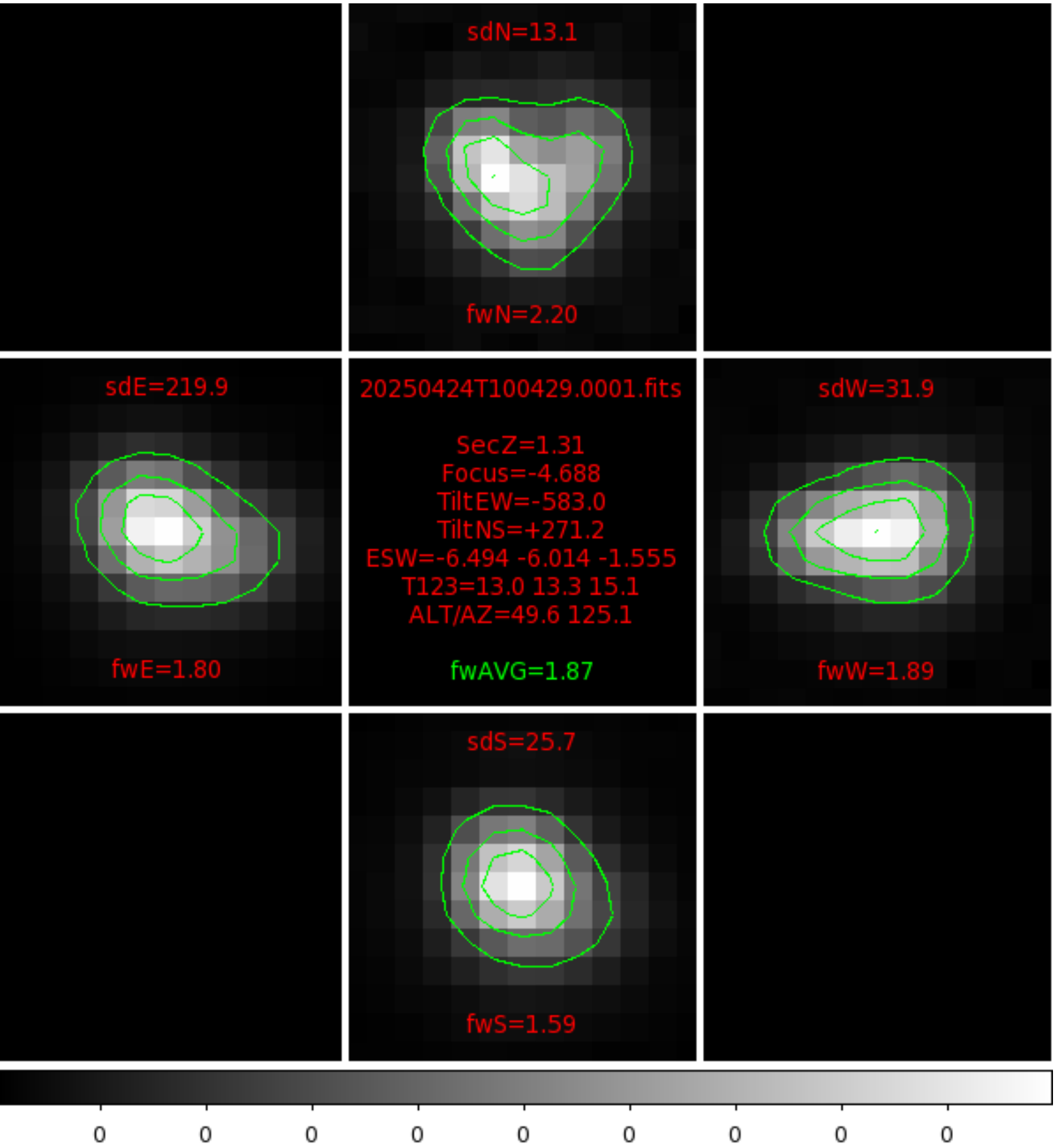
sdN=13.1
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Focus=-4.688
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TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.1
ALT/AZ=49.6 125.1
fwAVG=1.87
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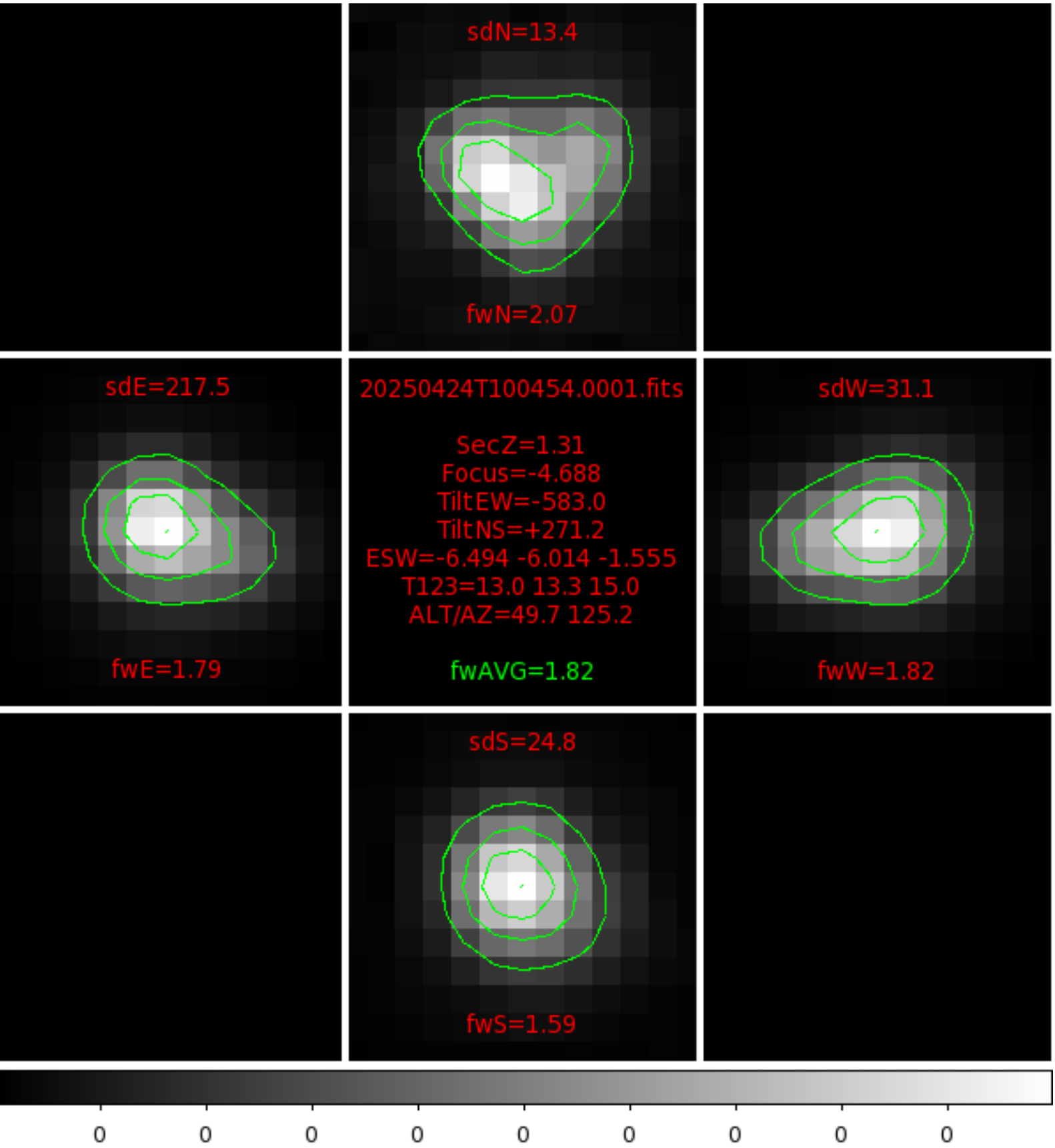
sdN=13.4
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fwE=1.79
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SecZ=1.31
Focus=-4.688
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TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.0
ALT/AZ=49.7 125.2
fwAVG=1.82
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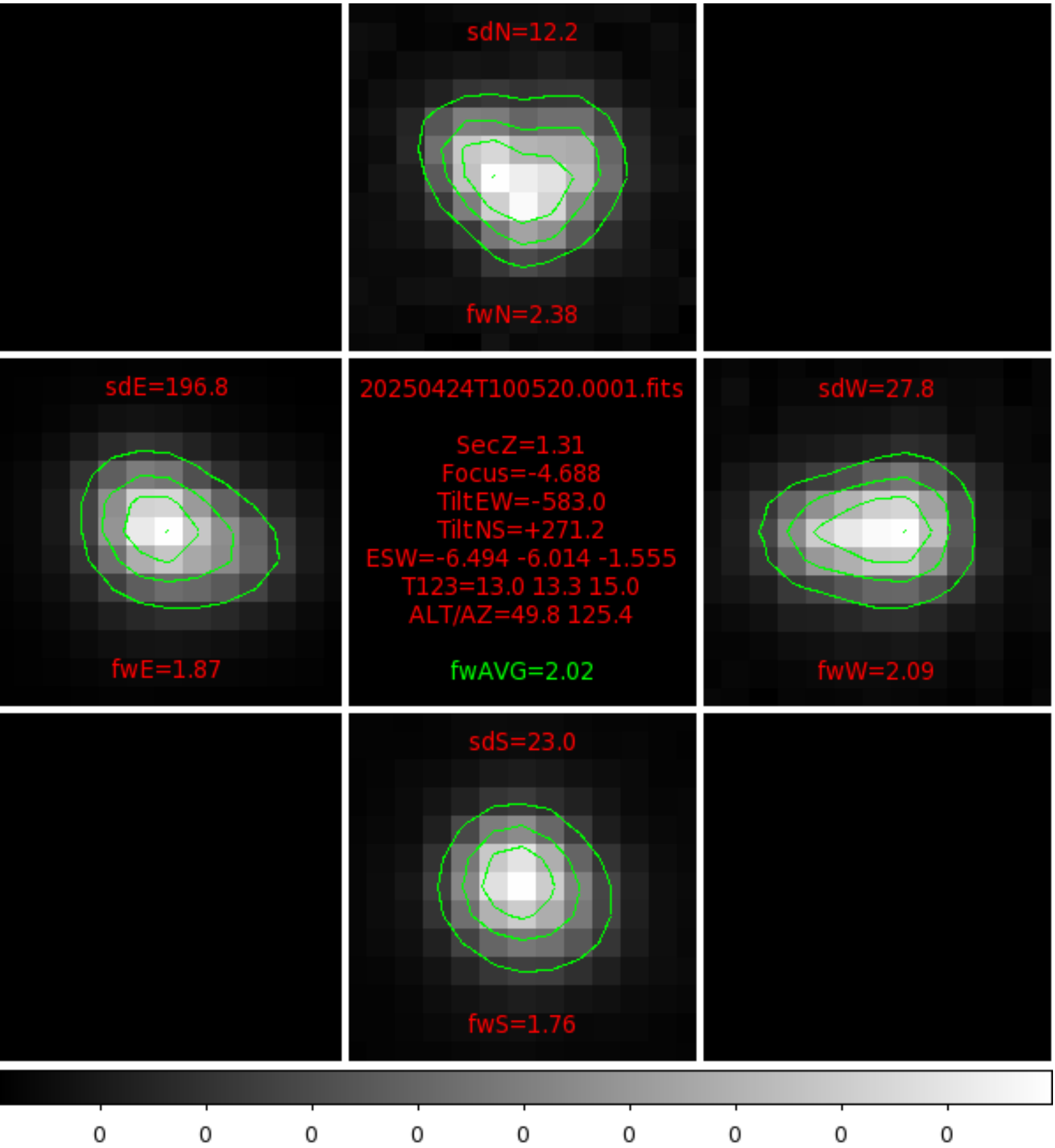
sdN=12.2
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fwE=1.87
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SecZ=1.31
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=13.0 13.3 15.0
ALT/AZ=49.8 125.4
fwAVG=2.02
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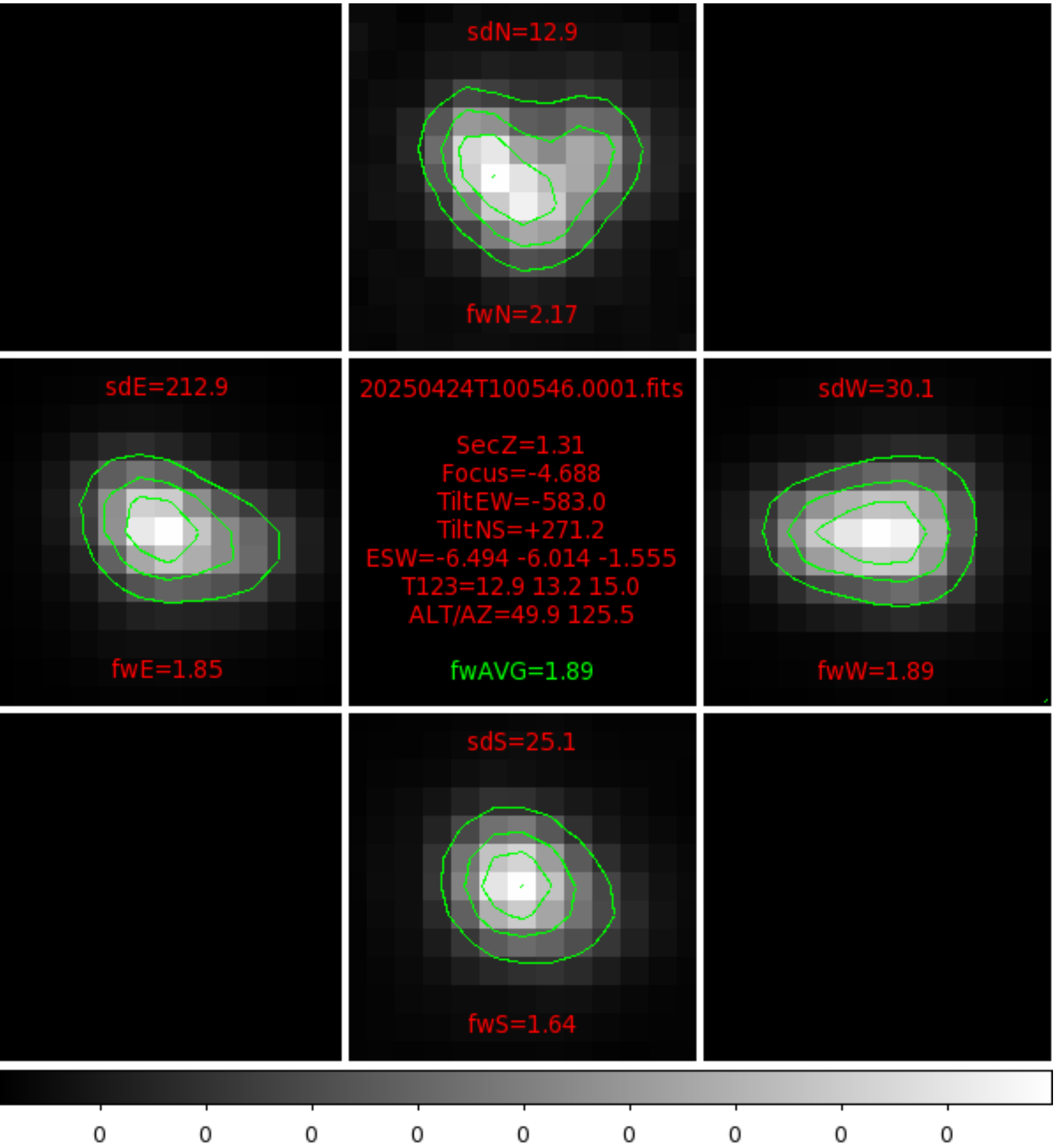
sdN=12.9
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sdE=212.9
fwE=1.85
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SecZ=1.31
Focus=-4.688
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.494 -6.014 -1.555
T123=12.9 13.2 15.0
ALT/AZ=49.9 125.5
fwAVG=1.89
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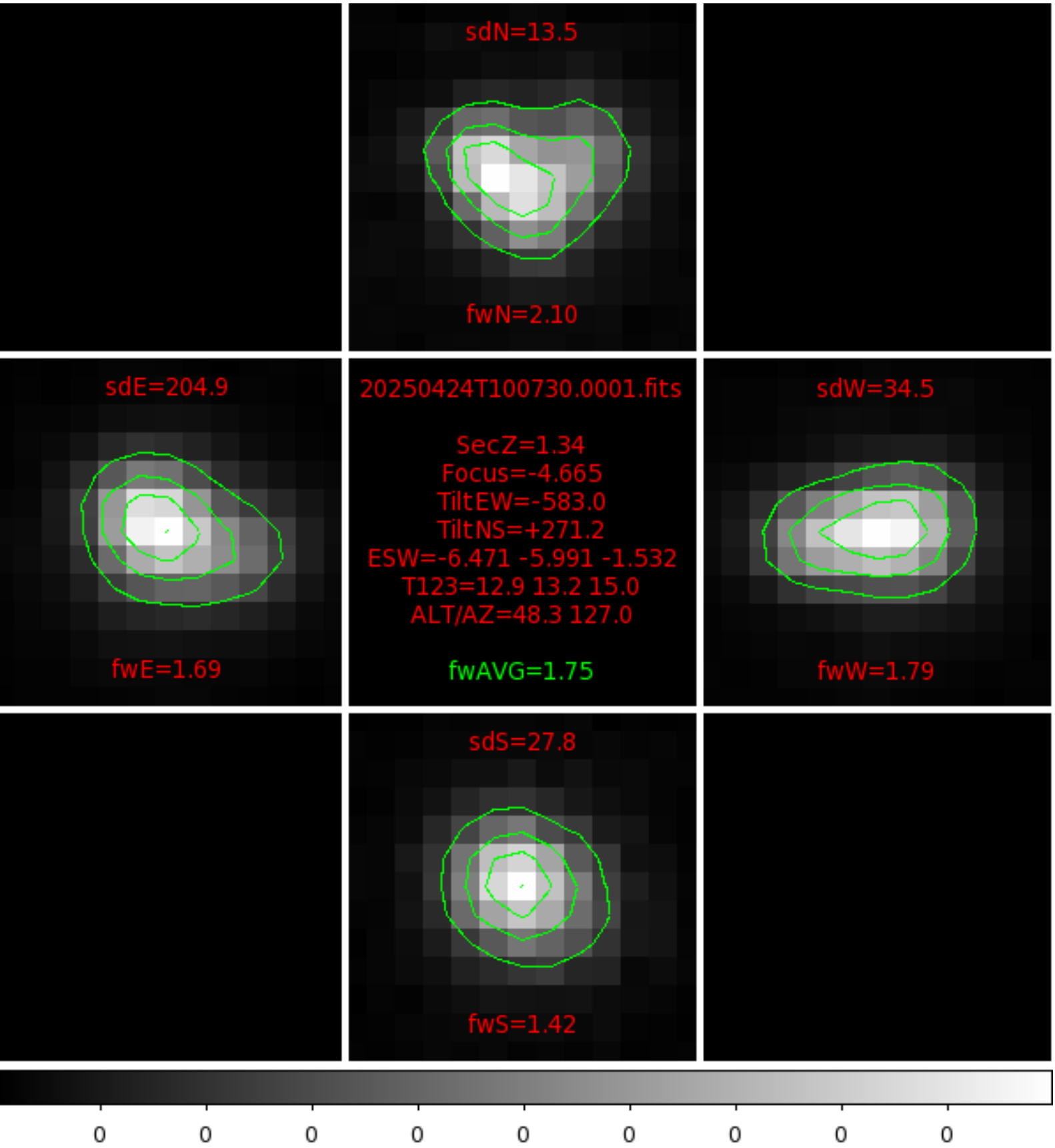
sdN=13.5
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sdE=204.9
fwE=1.69
20250424T100730.0001.fits
SecZ=1.34
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.2 15.0
ALT/AZ=48.3 127.0
fwAVG=1.75
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sdS=27.8
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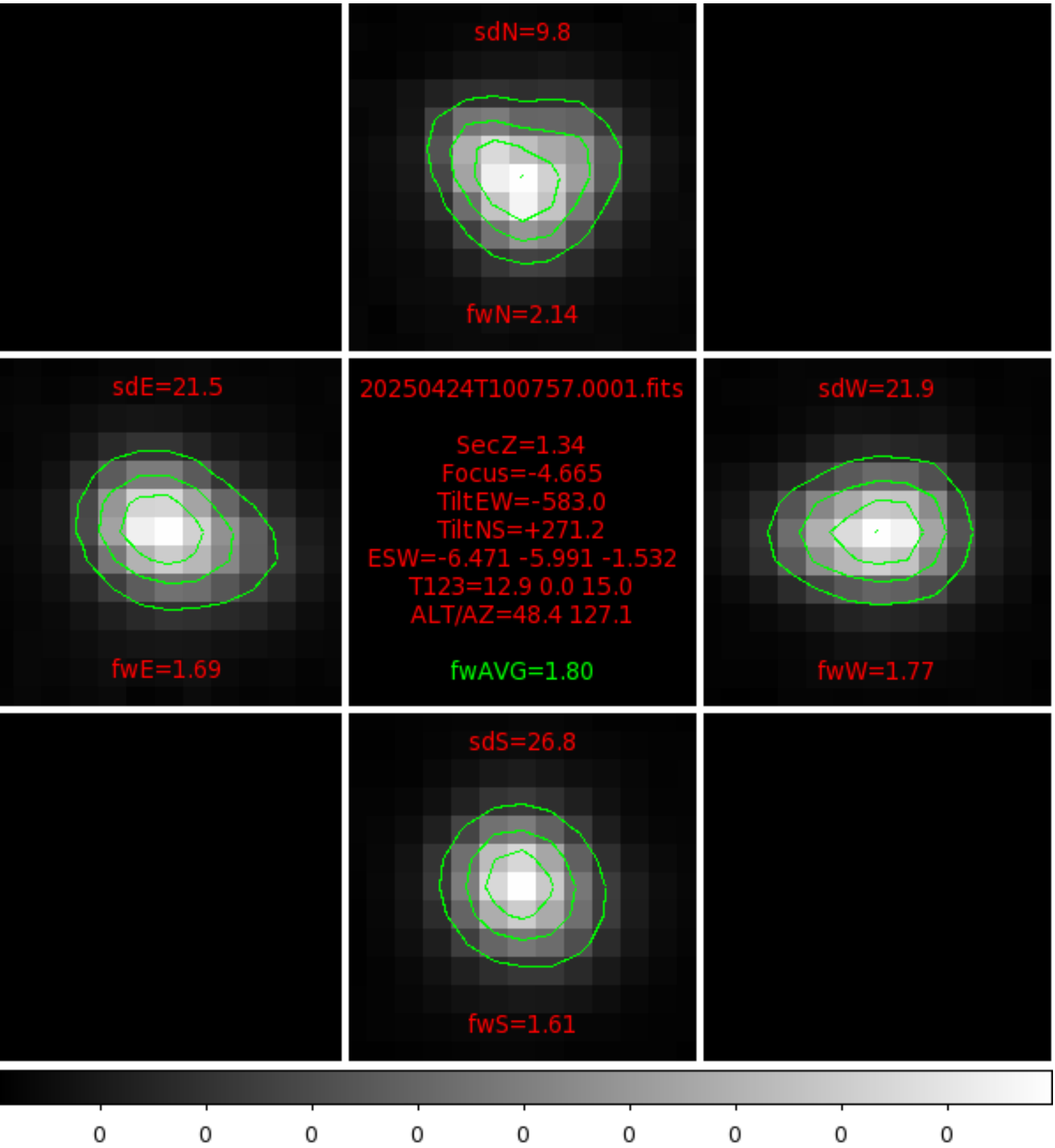
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fwE=1.69
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SecZ=1.34
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 0.0 15.0
ALT/AZ=48.4 127.1
fwAVG=1.80
sdW=21.9
fwW=1.77
sdS=26.8
fwS=1.61
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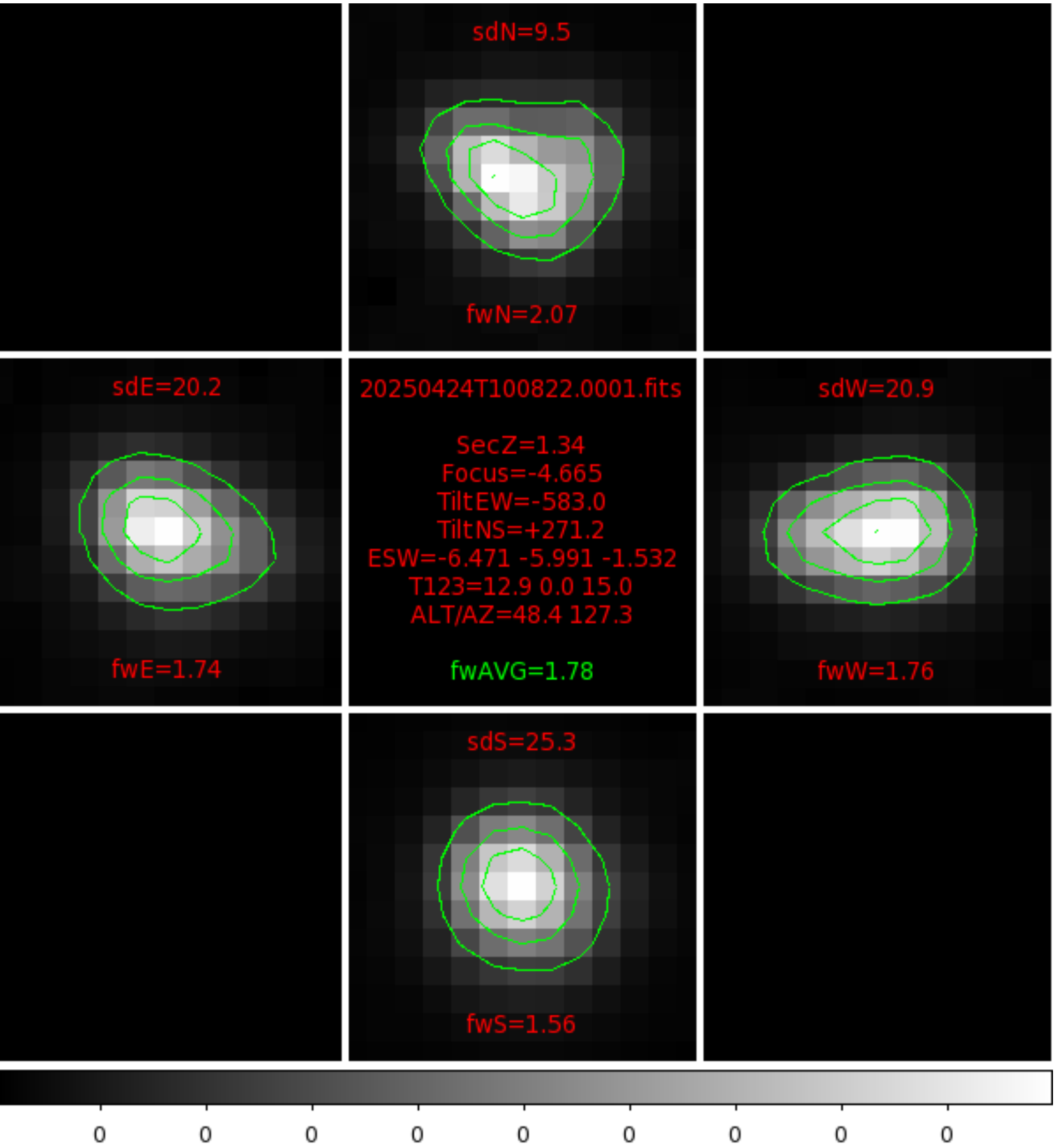
sdN=9.5
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sdE=20.2
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SecZ=1.34
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 0.0 15.0
ALT/AZ=48.4 127.3
fwAVG=1.78
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sdS=25.3
fwS=1.56
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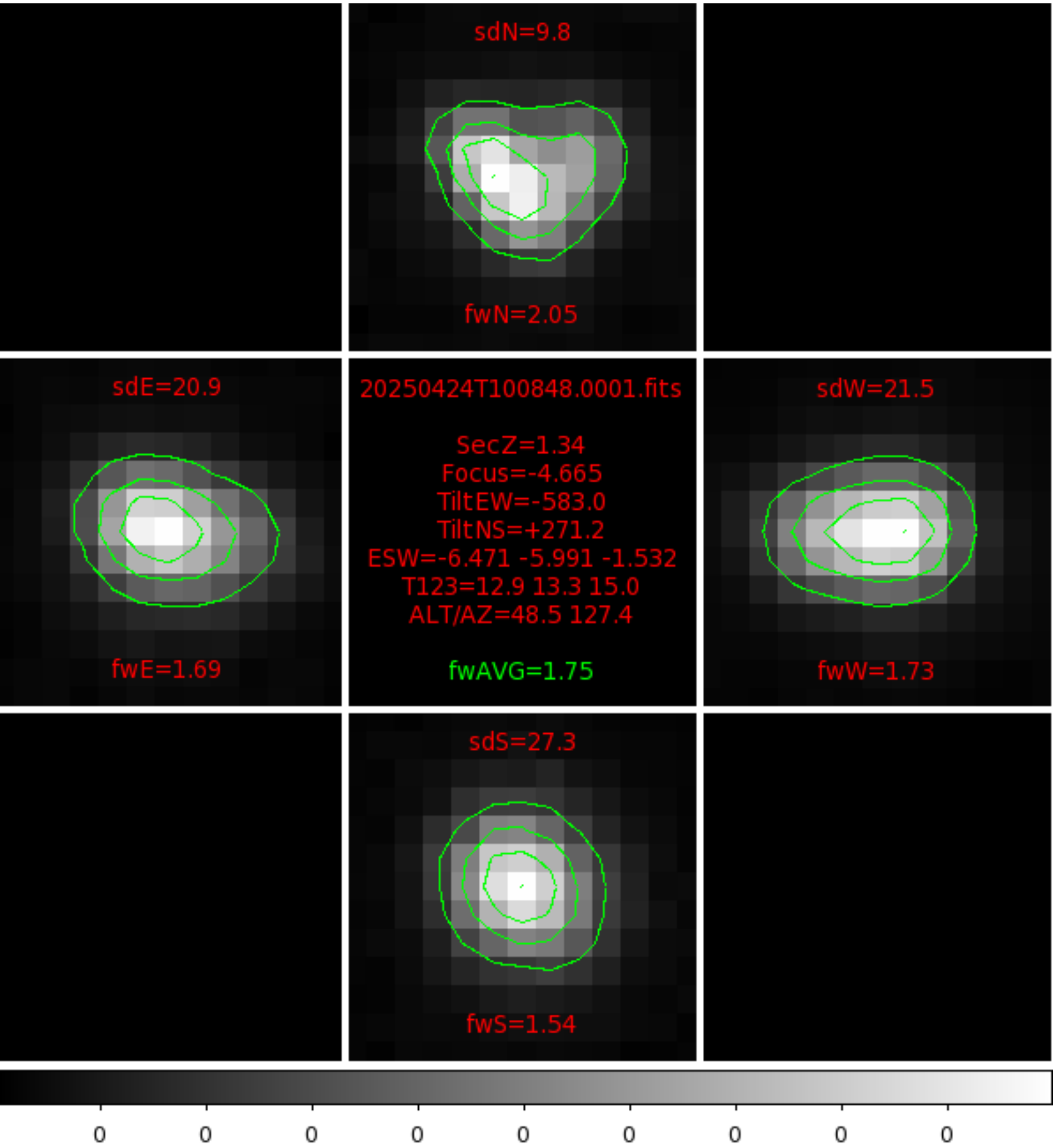
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sdE=20.9
fwE=1.69
20250424T100848.0001.fits
SecZ=1.34
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.3 15.0
ALT/AZ=48.5 127.4
fwAVG=1.75
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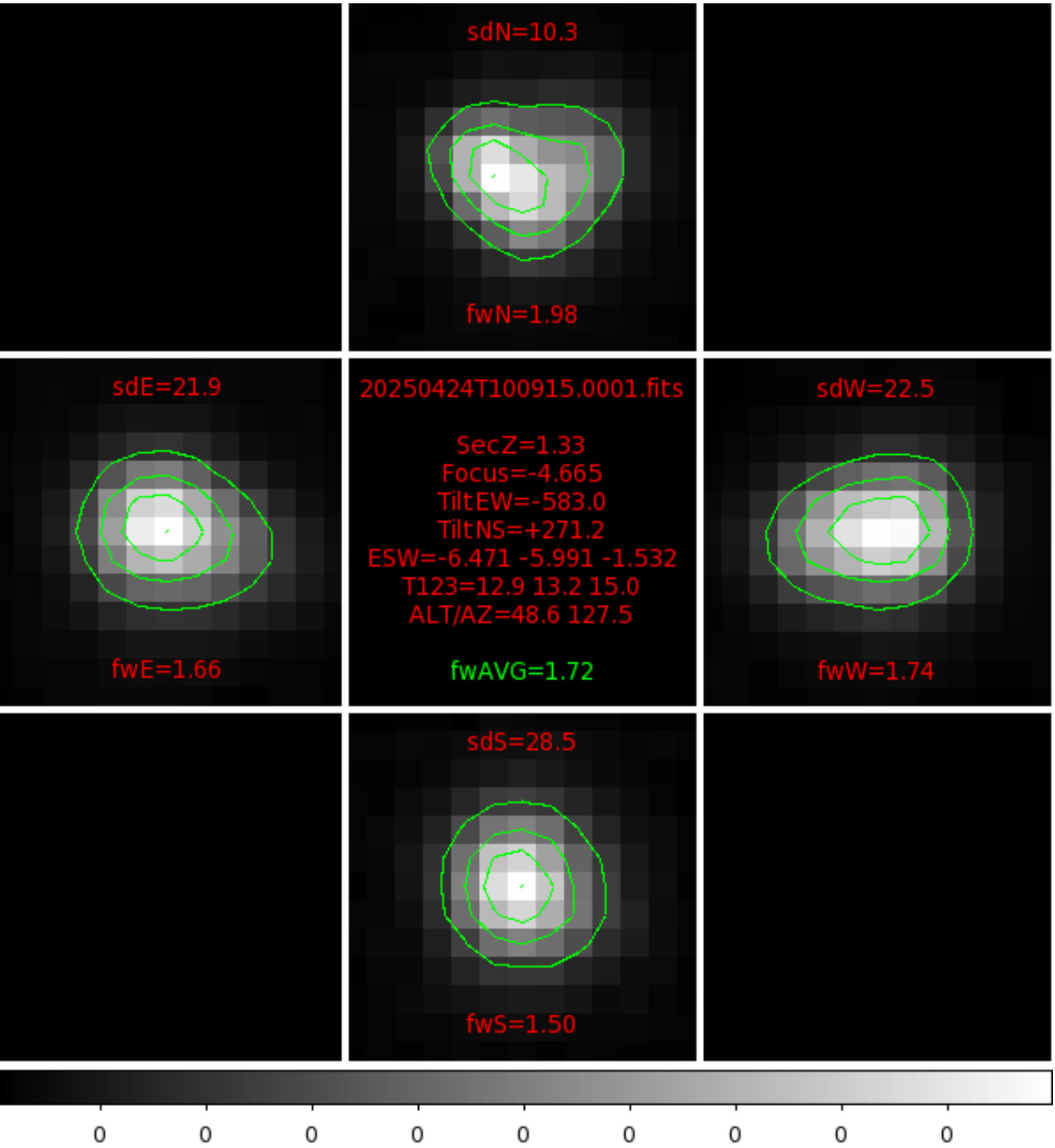
sdN=10.3
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sdE=21.9
fwE=1.66
20250424T100915.0001.fits
SecZ=1.33
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.2 15.0
ALT/AZ=48.6 127.5
fwAVG=1.72
sdW=22.5
fwW=1.74
sdS=28.5
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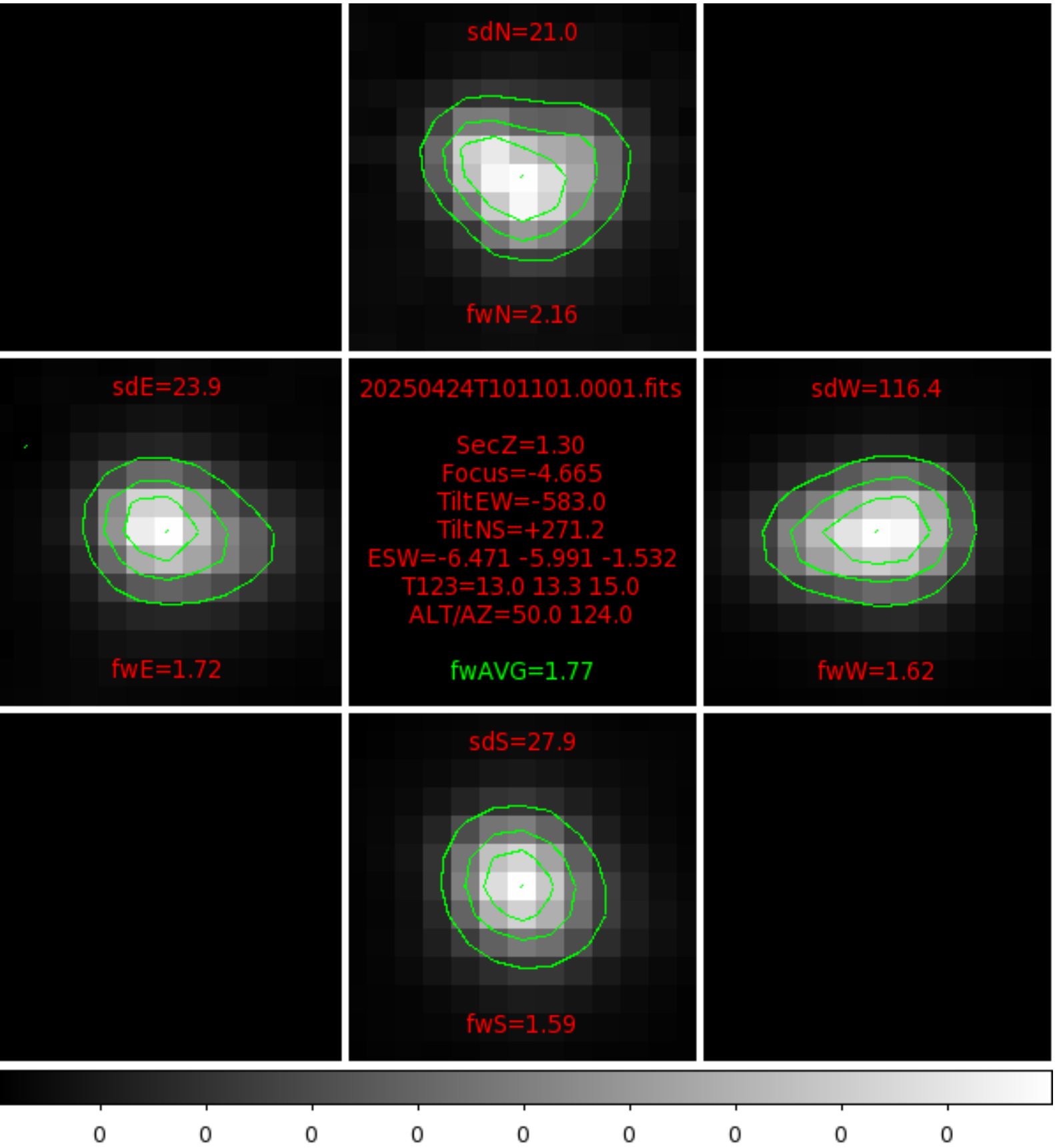
sdN=21.0
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sdE=23.9
fwE=1.72
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SecZ=1.30
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=13.0 13.3 15.0
ALT/AZ=50.0 124.0
fwAVG=1.77
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sdS=27.9
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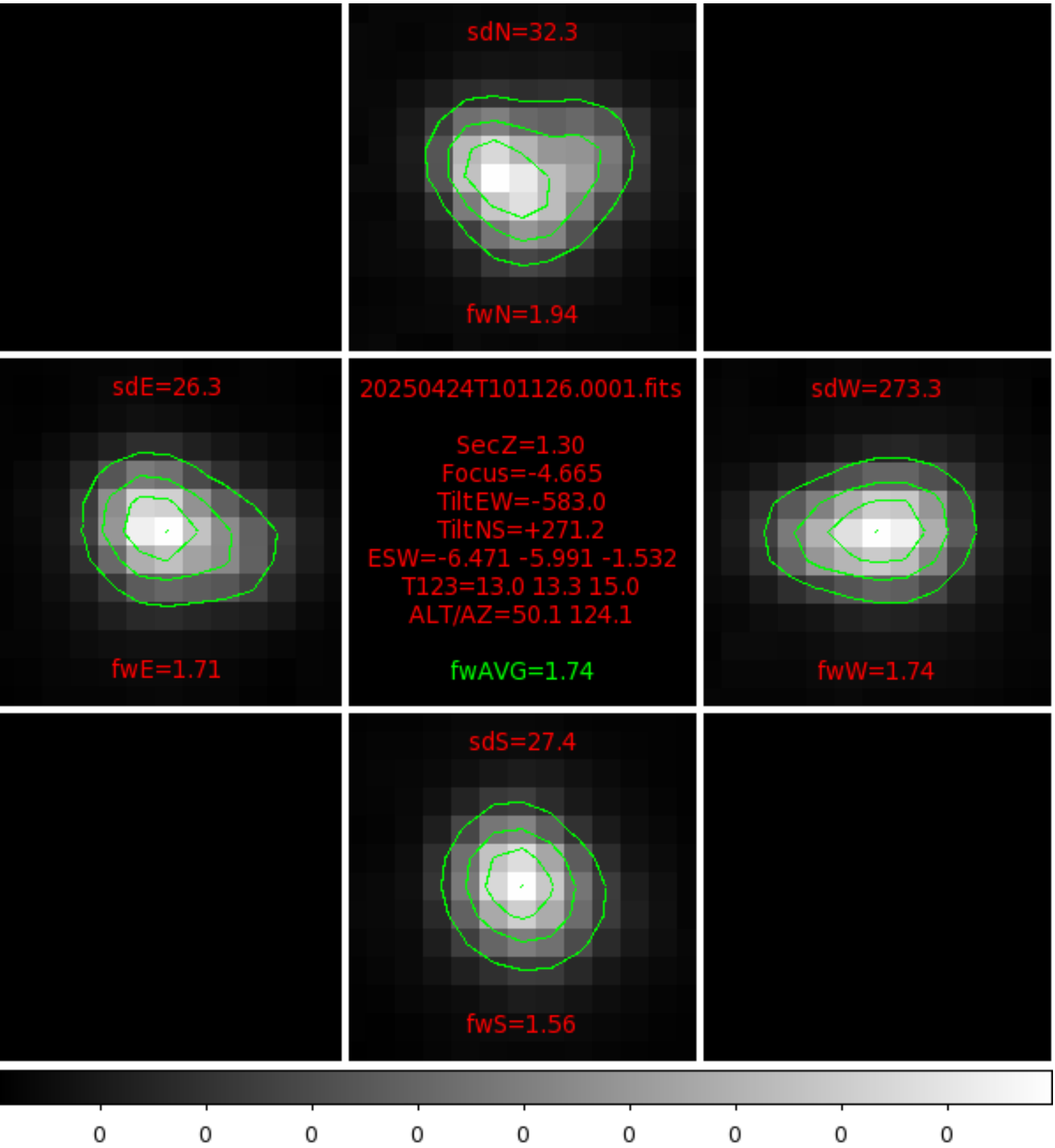
sdN=32.3
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fwE=1.71
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SecZ=1.30
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=13.0 13.3 15.0
ALT/AZ=50.1 124.1
fwAVG=1.74
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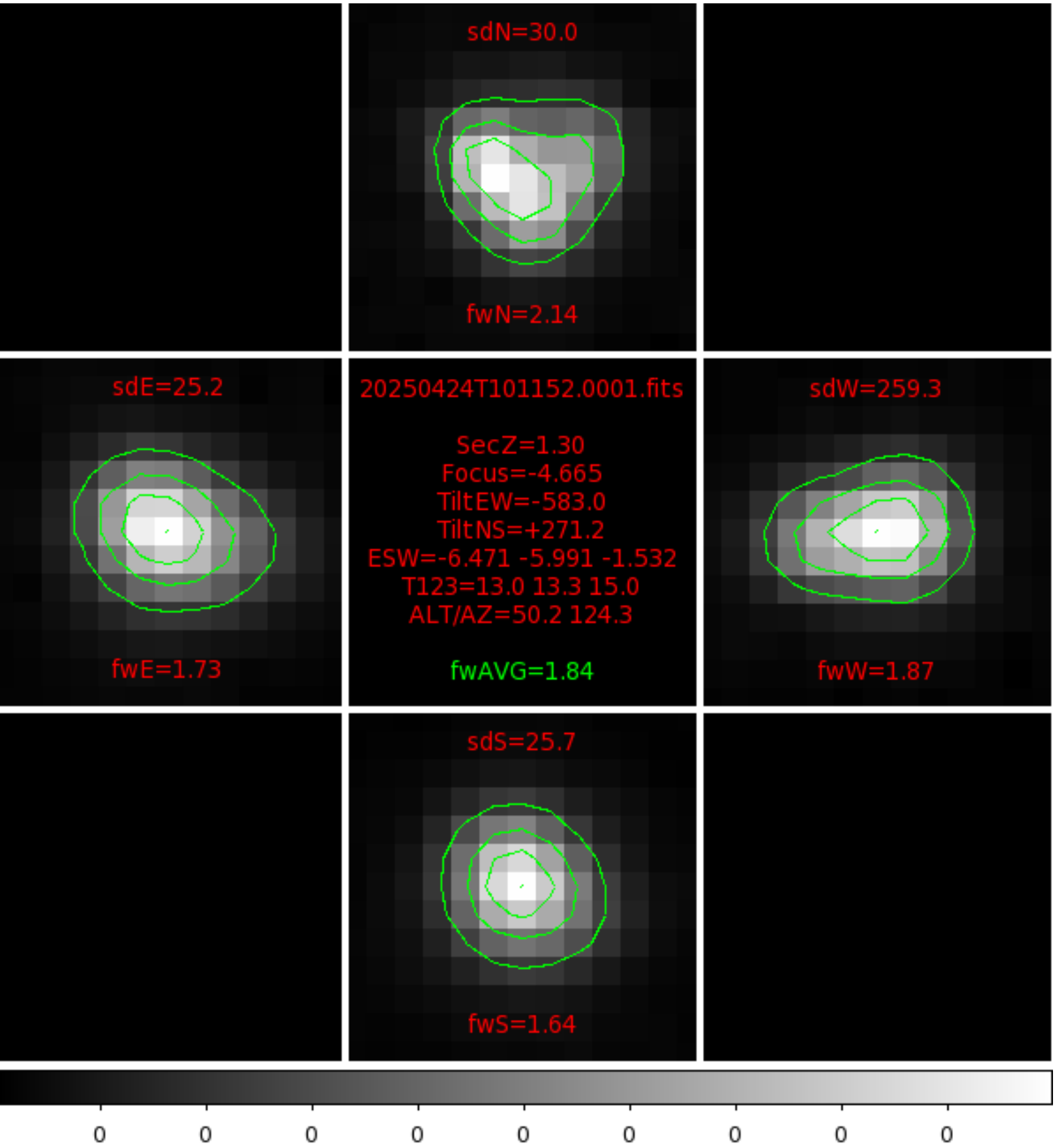
sdN=30.0
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sdE=25.2
fwE=1.73
20250424T101152.0001.fits
SecZ=1.30
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=13.0 13.3 15.0
ALT/AZ=50.2 124.3
fwAVG=1.84
sdW=259.3
fwW=1.87
sdS=25.7
fwS=1.64
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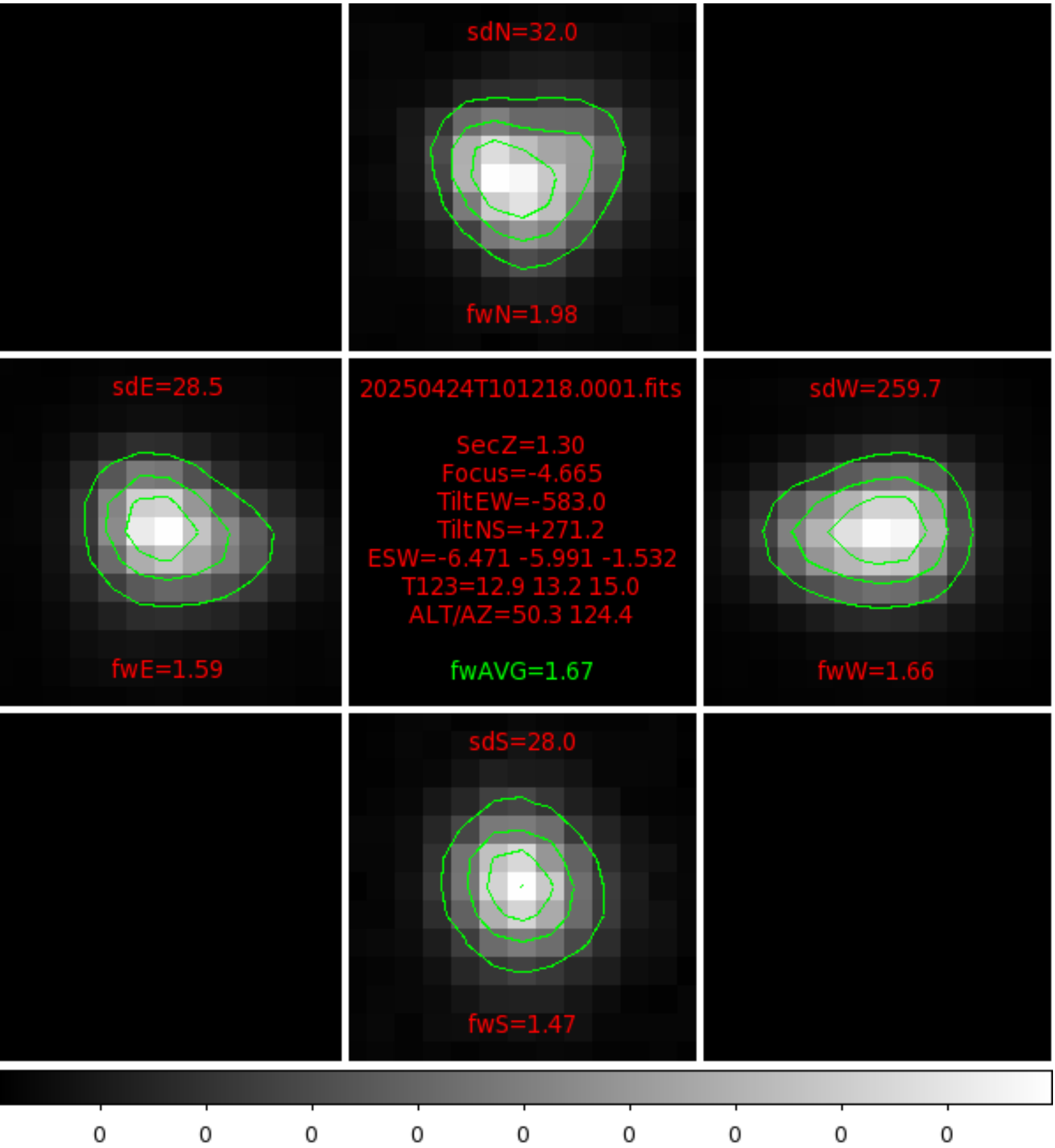
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fwN=1.98
sdE=28.5
fwE=1.59
20250424T101218.0001.fits
SecZ=1.30
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.2 15.0
ALT/AZ=50.3 124.4
fwAVG=1.67
sdW=259.7
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sdS=28.0
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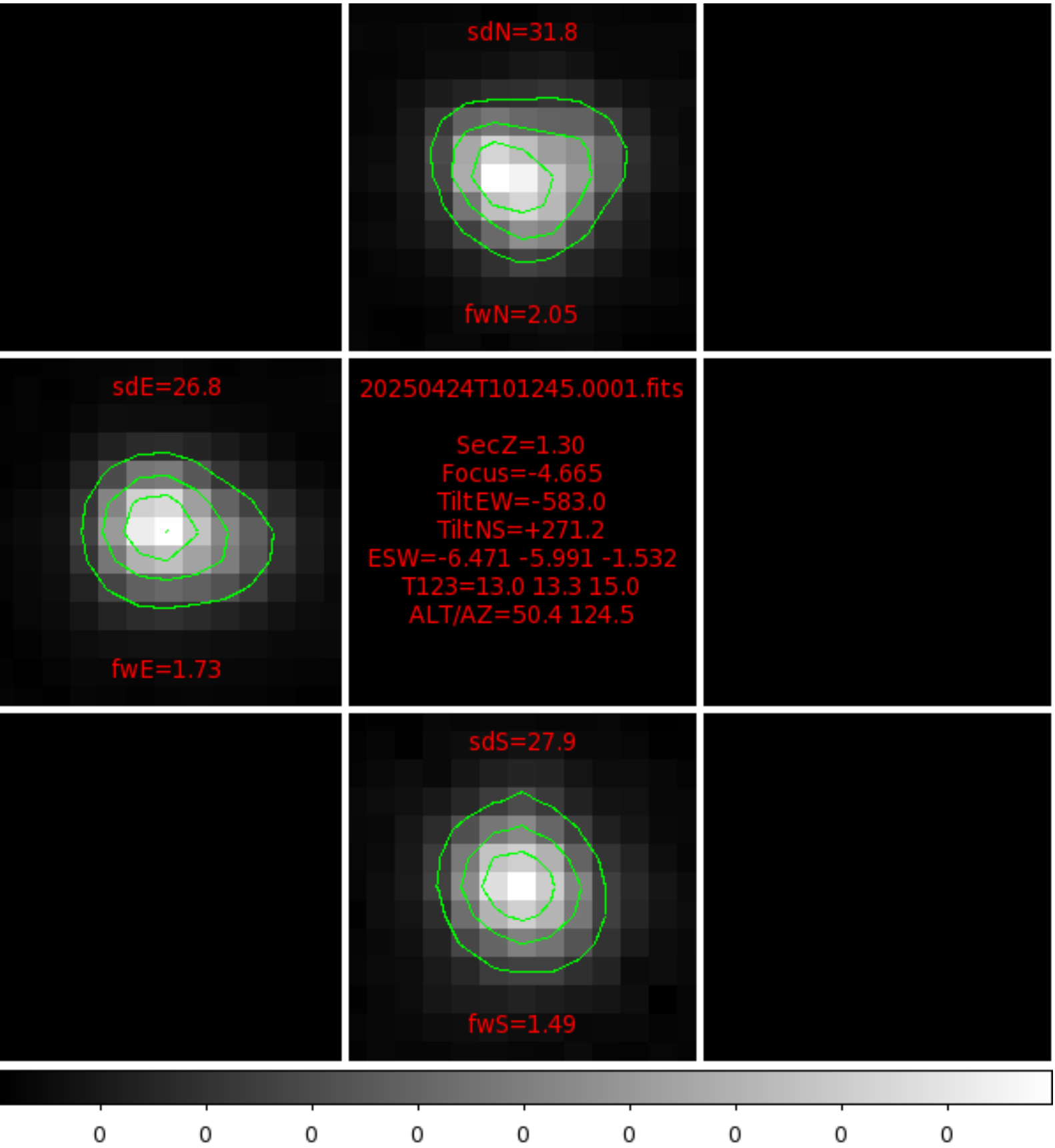
sdN=31.8
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sdE=26.8
fwE=1.73
20250424T101245.0001.fits
SecZ=1.30
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=13.0 13.3 15.0
ALT/AZ=50.4 124.5
sdS=27.9
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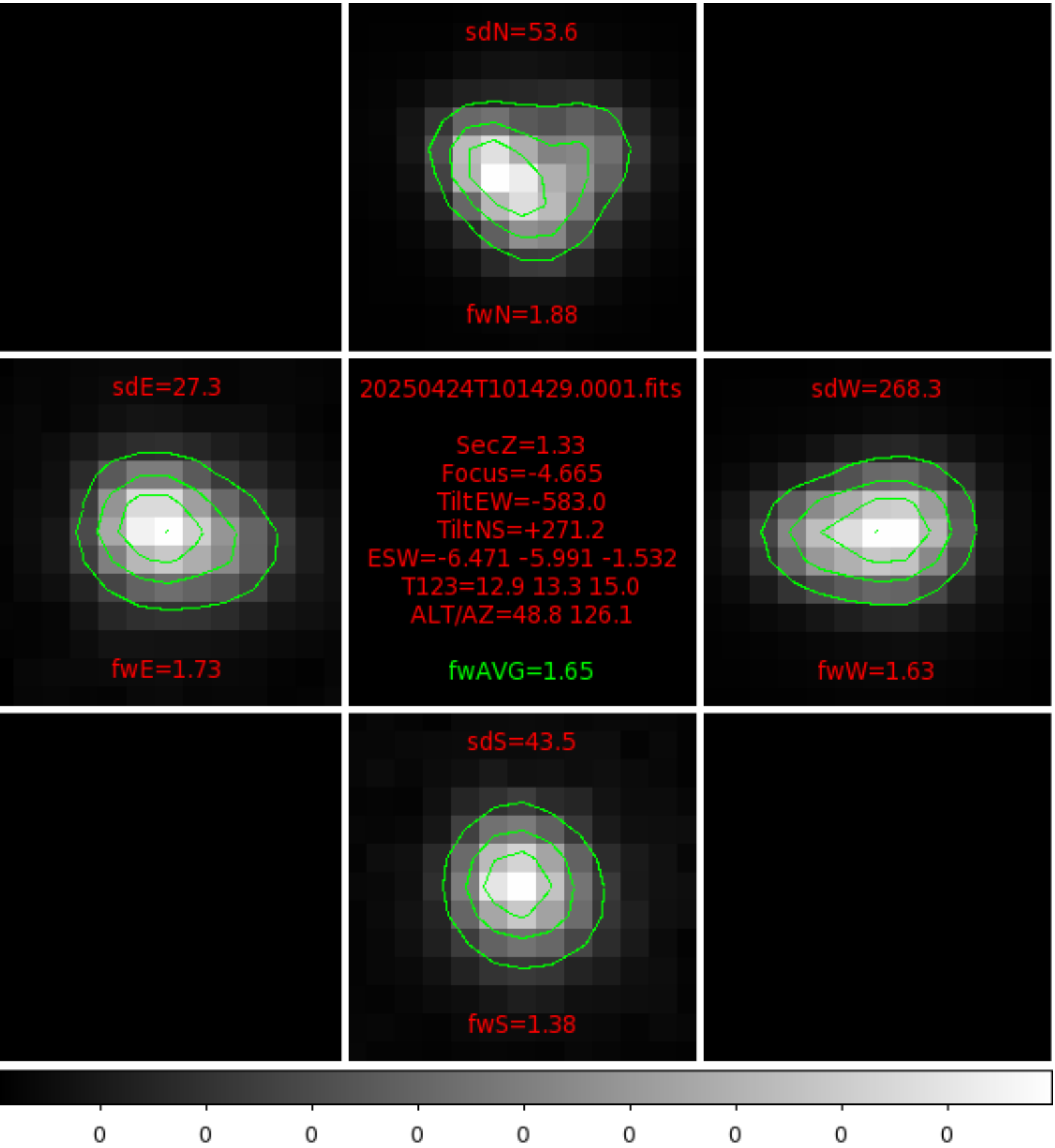
sdN=53.6
fwN=1.88
sdE=27.3
fwE=1.73
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SecZ=1.33
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.3 15.0
ALT/AZ=48.8 126.1
fwAVG=1.65
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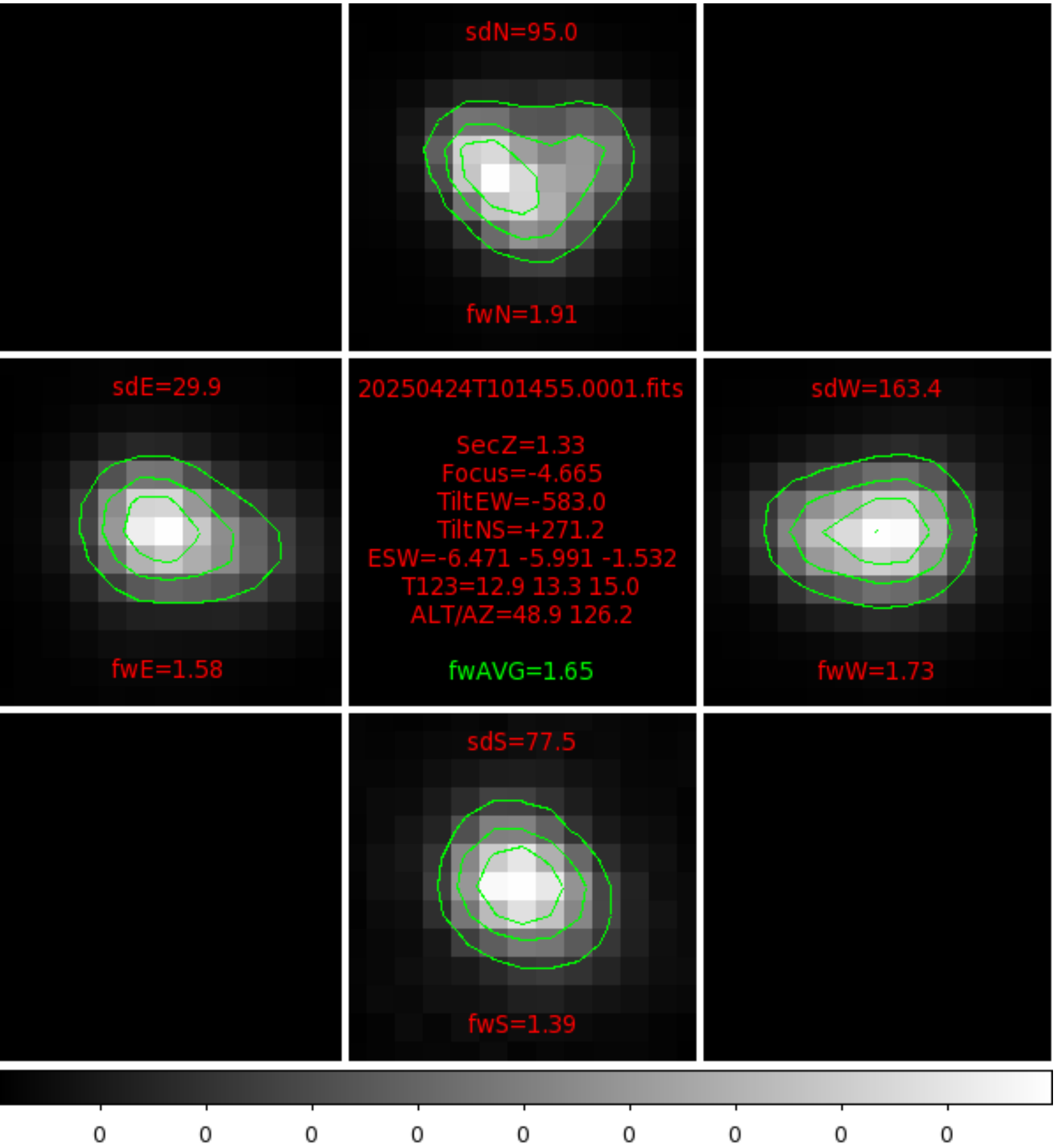
sdN=95.0
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sdE=29.9
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SecZ=1.33
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.3 15.0
ALT/AZ=48.9 126.2
fwAVG=1.65
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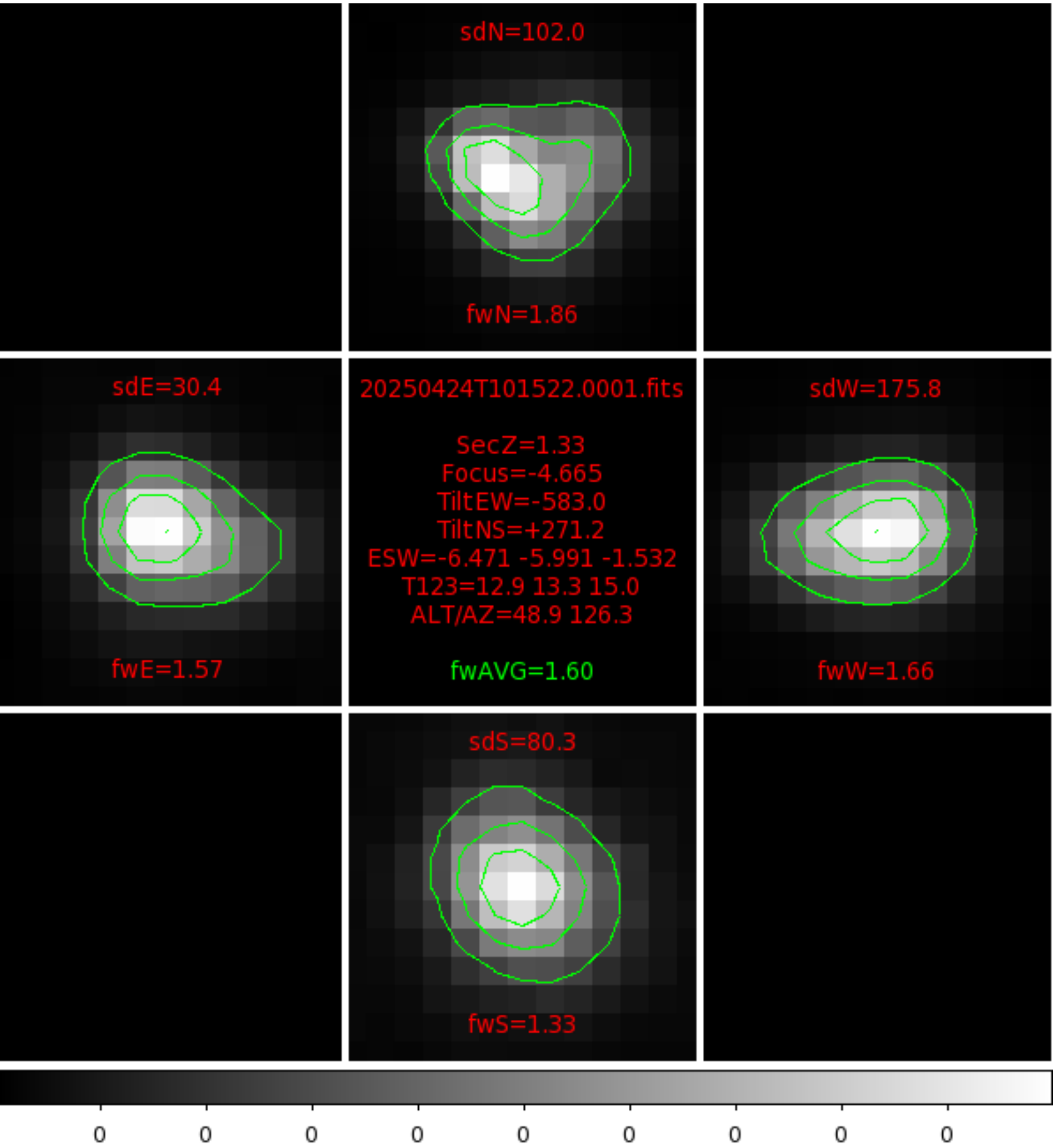
sdN=102.0
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sdE=30.4
fwE=1.57
20250424T101522.0001.fits
SecZ=1.33
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.3 15.0
ALT/AZ=48.9 126.3
fwAVG=1.60
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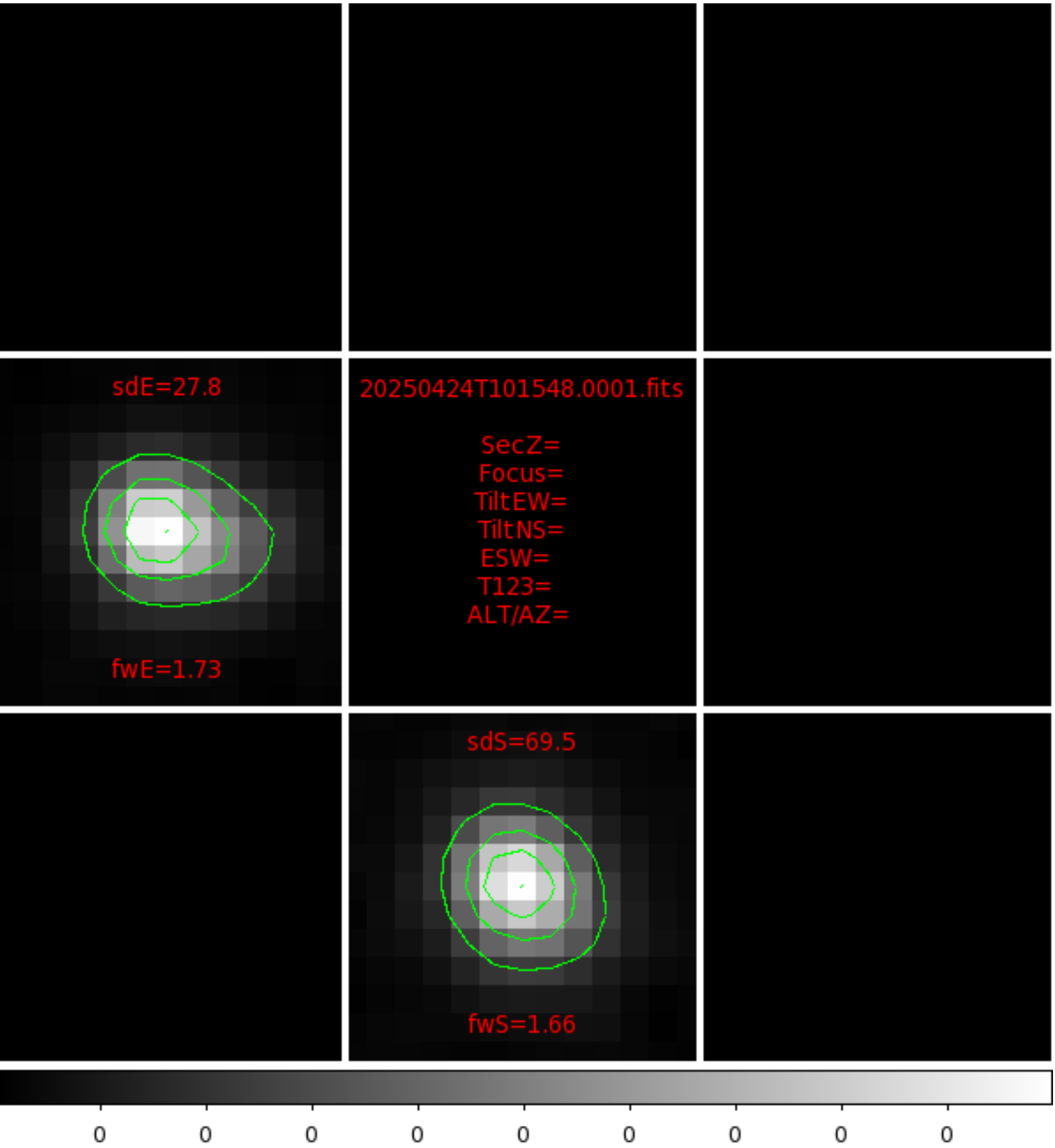
sdE=27.8
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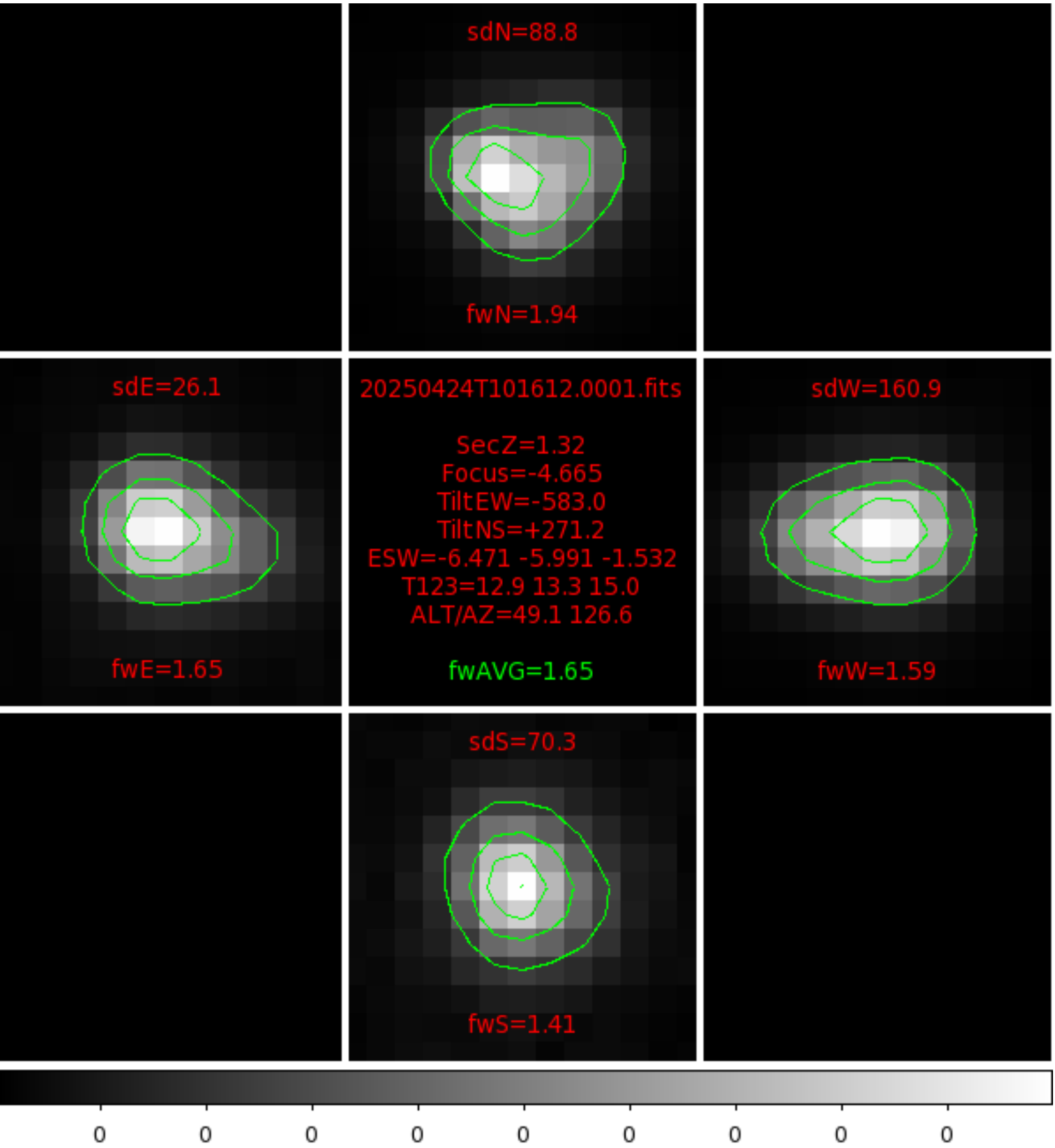
sdN=88.8
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fwE=1.65
20250424T101612.0001.fits
SecZ=1.32
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.3 15.0
ALT/AZ=49.1 126.6
fwAVG=1.65
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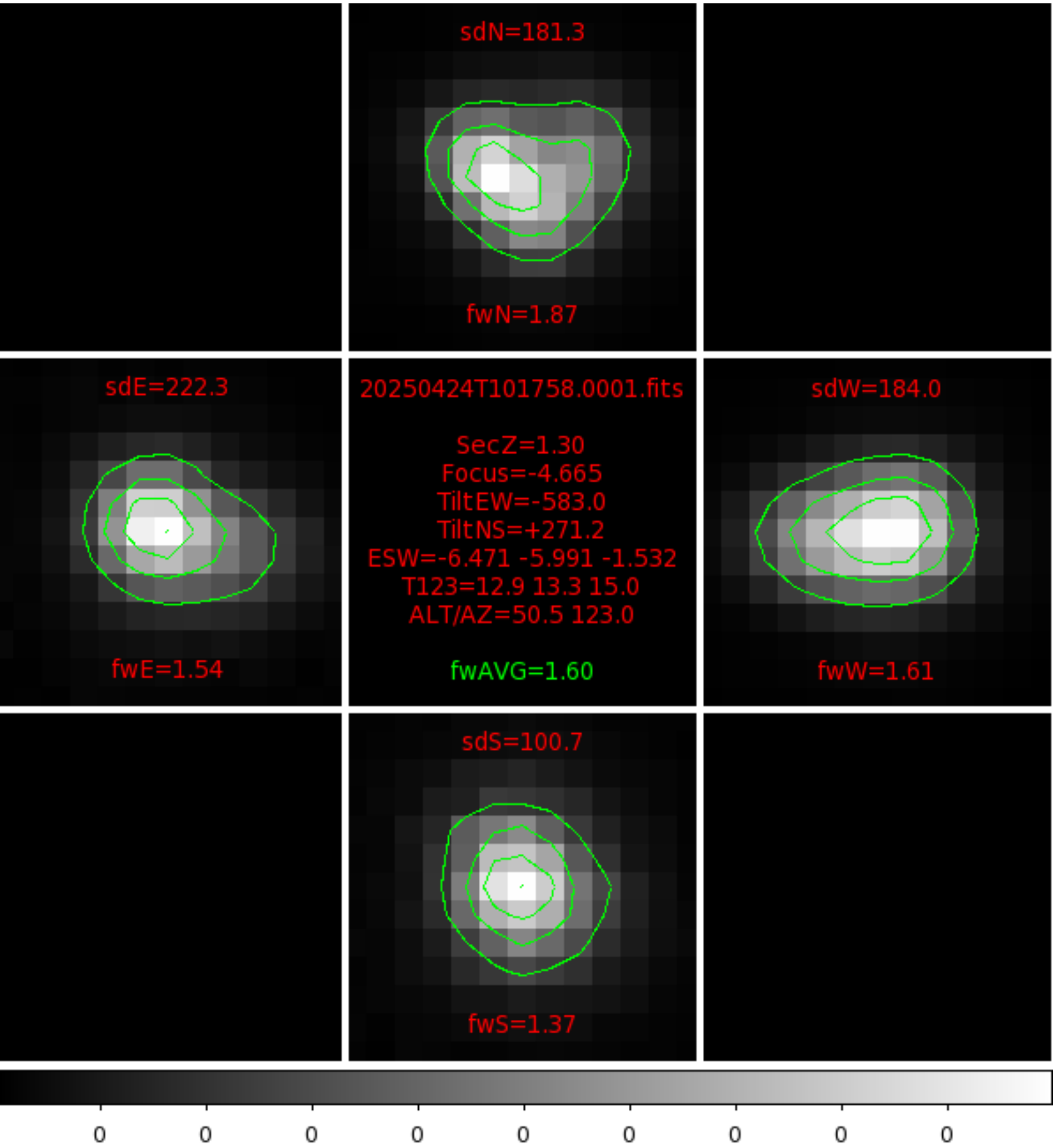
sdN=181.3
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sdE=222.3
fwE=1.54
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SecZ=1.30
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.3 15.0
ALT/AZ=50.5 123.0
fwAVG=1.60
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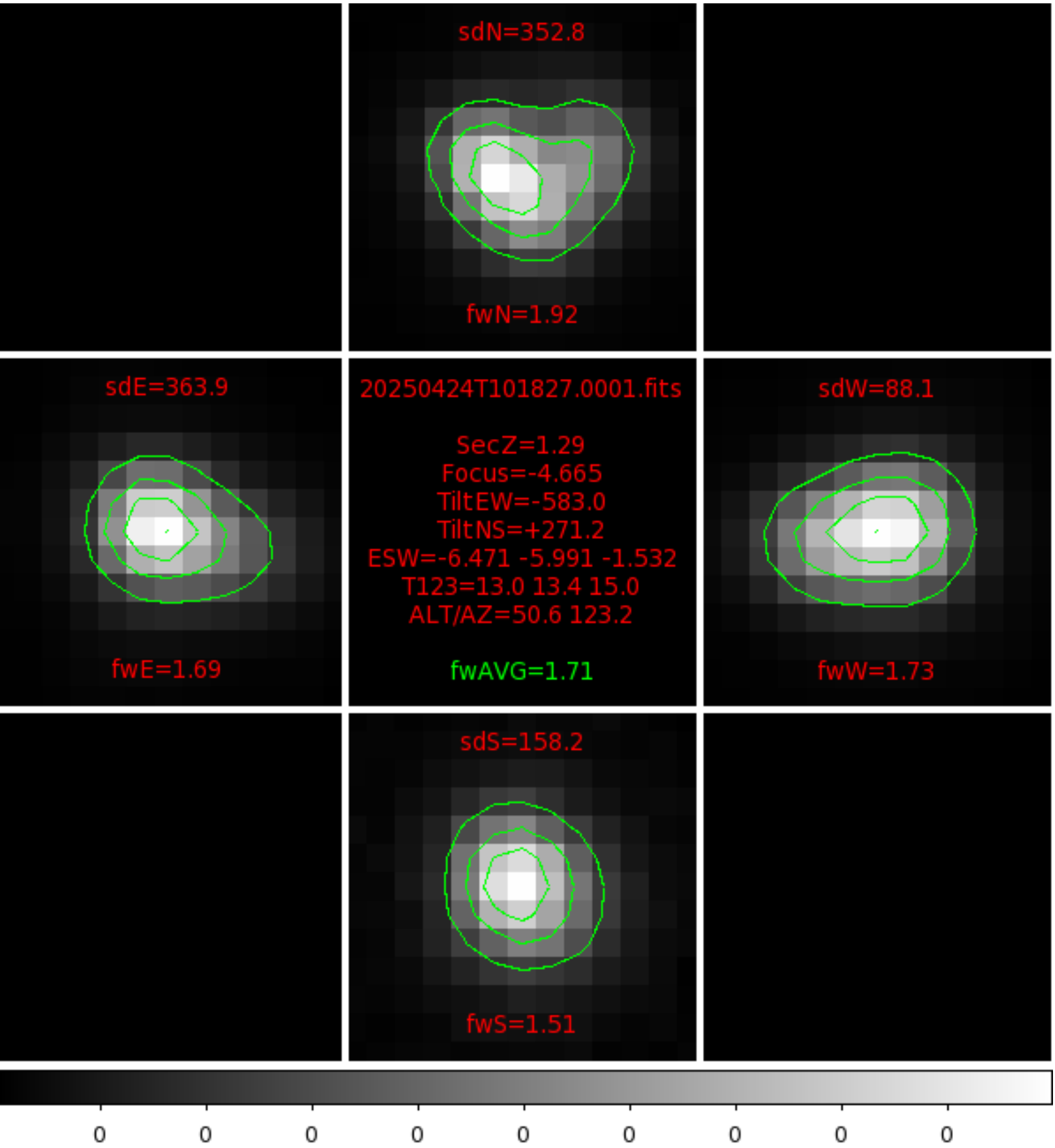
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sdE=363.9
fwE=1.69
20250424T101827.0001.fits
SecZ=1.29
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=13.0 13.4 15.0
ALT/AZ=50.6 123.2
fwAVG=1.71
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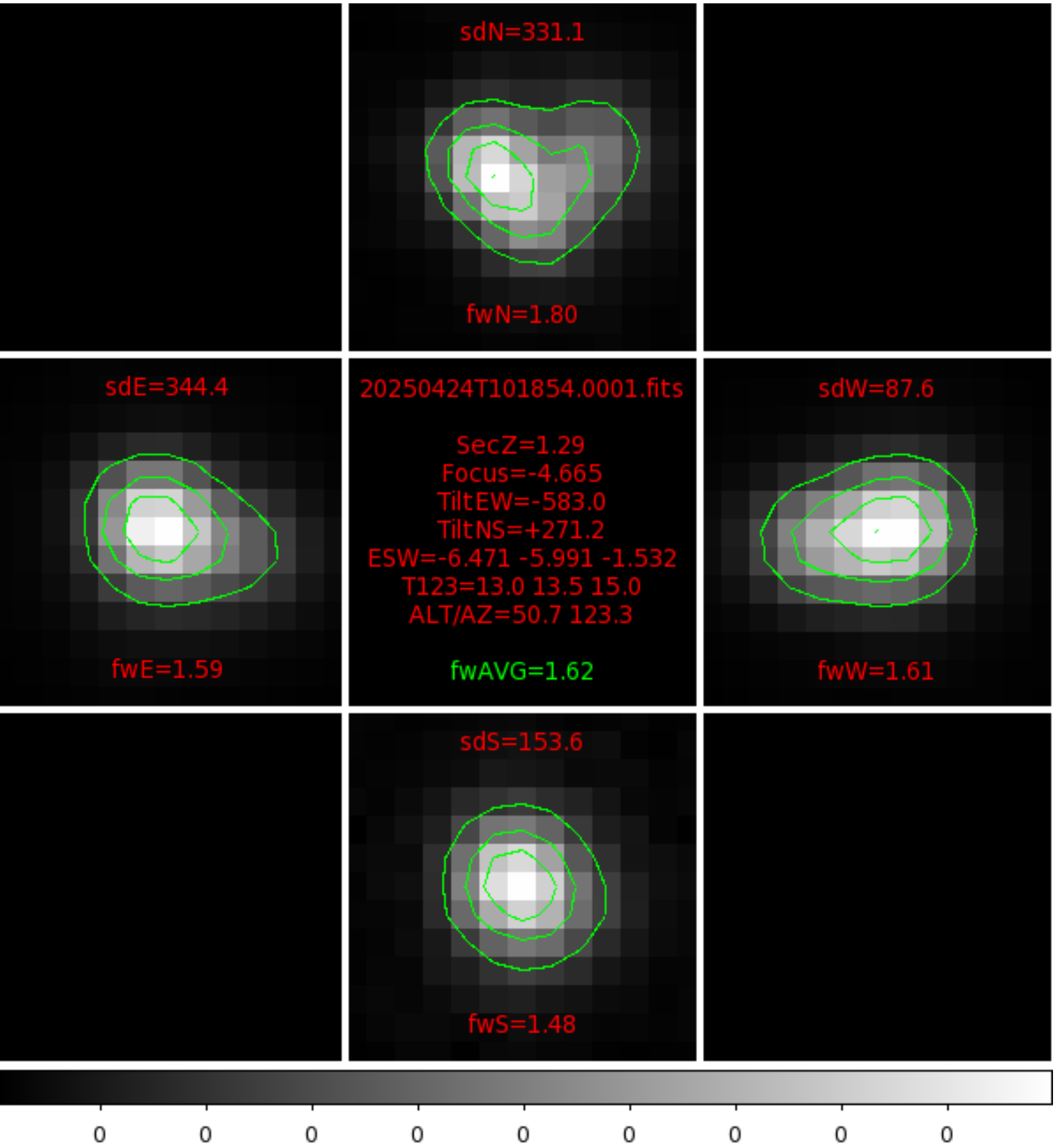
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sdE=344.4
fwE=1.59
20250424T101854.0001.fits
SecZ=1.29
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=13.0 13.5 15.0
ALT/AZ=50.7 123.3
fwAVG=1.62
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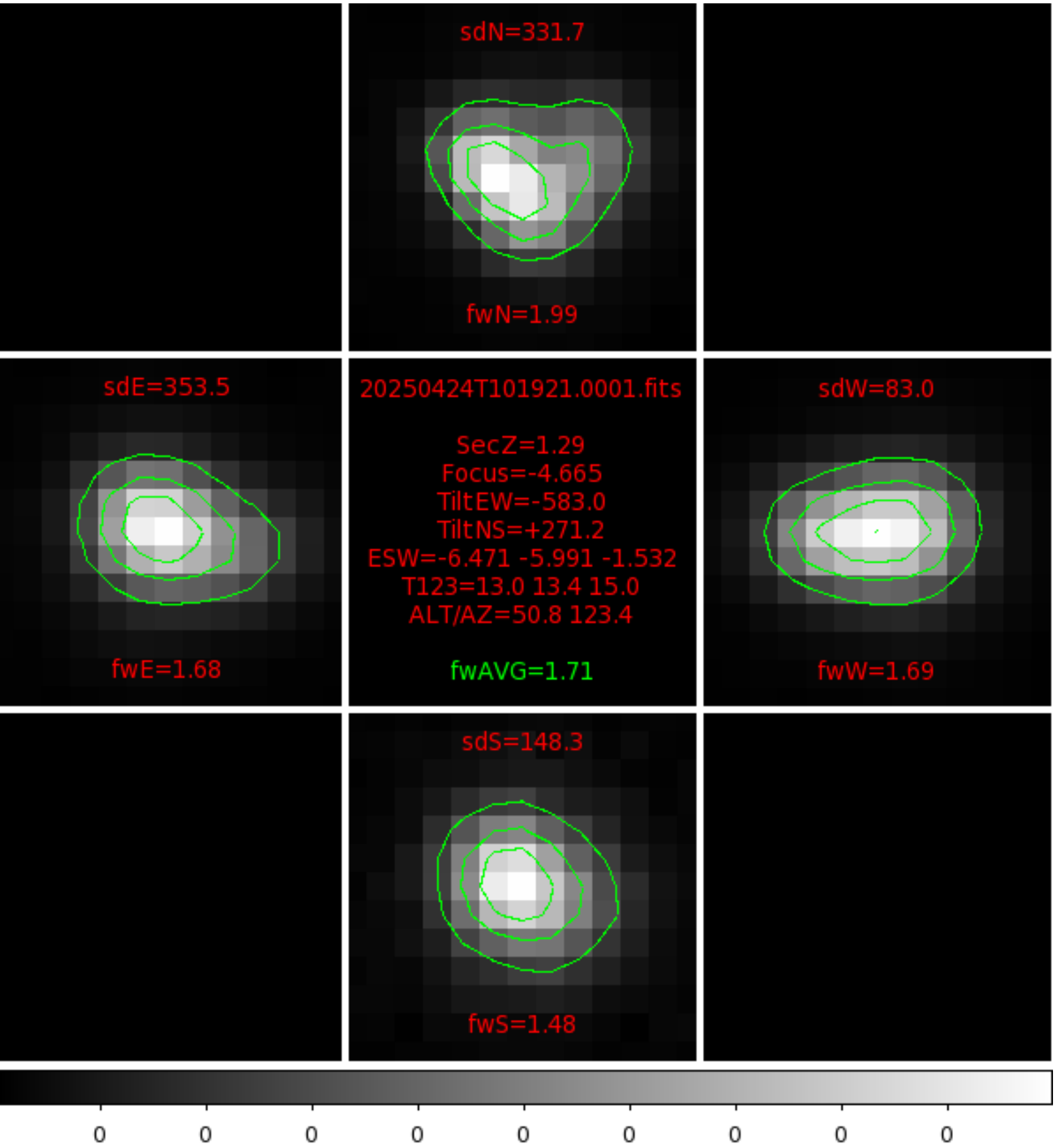
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fwN=1.99
sdE=353.5
fwE=1.68
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SecZ=1.29
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=13.0 13.4 15.0
ALT/AZ=50.8 123.4
fwAVG=1.71
sdW=83.0
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sdS=148.3
fwS=1.48
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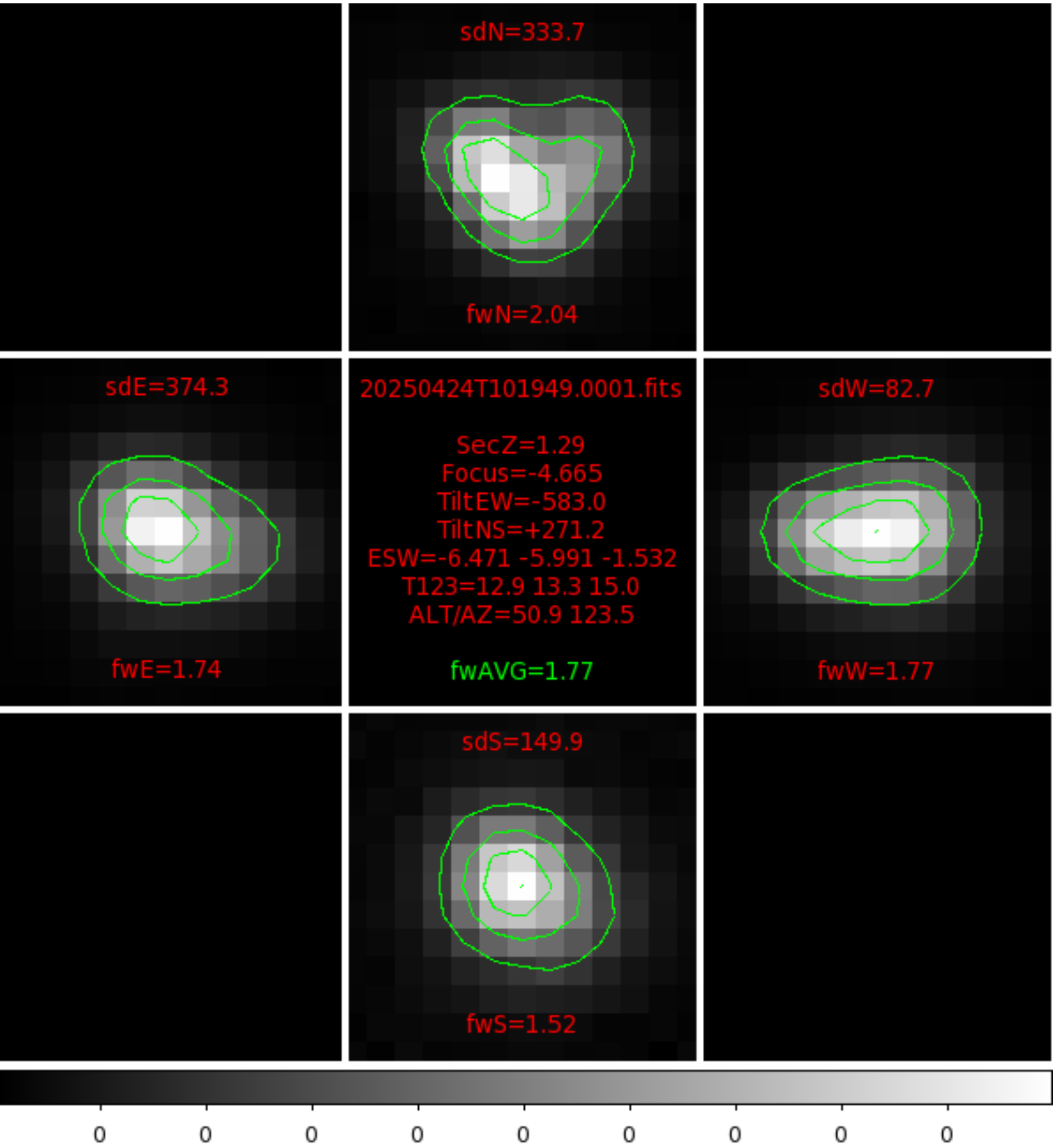
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SecZ=1.29
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.3 15.0
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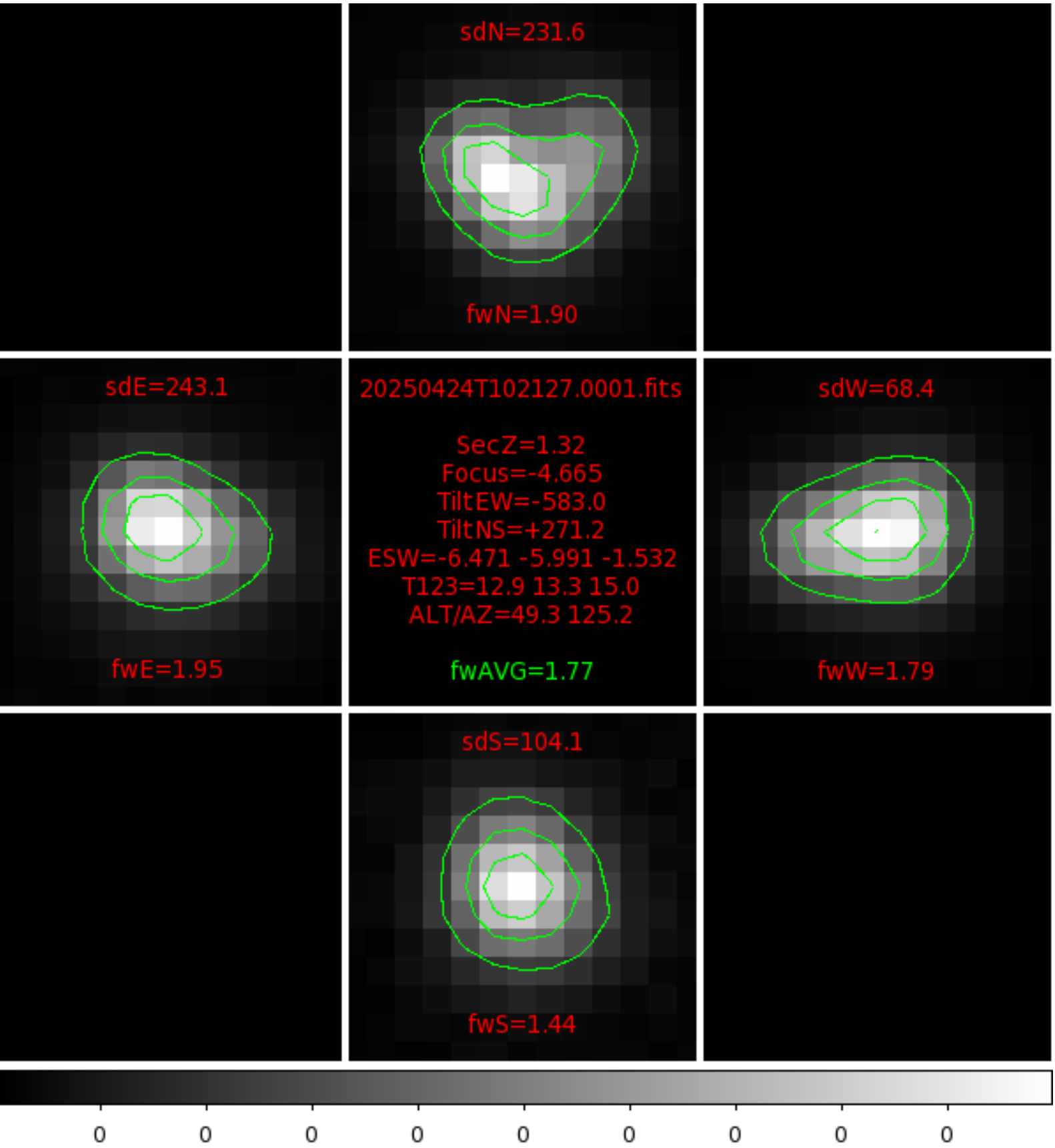
sdN=231.6
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sdE=243.1
fwE=1.95
20250424T102127.0001.fits
SecZ=1.32
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.3 15.0
ALT/AZ=49.3 125.2
fwAVG=1.77
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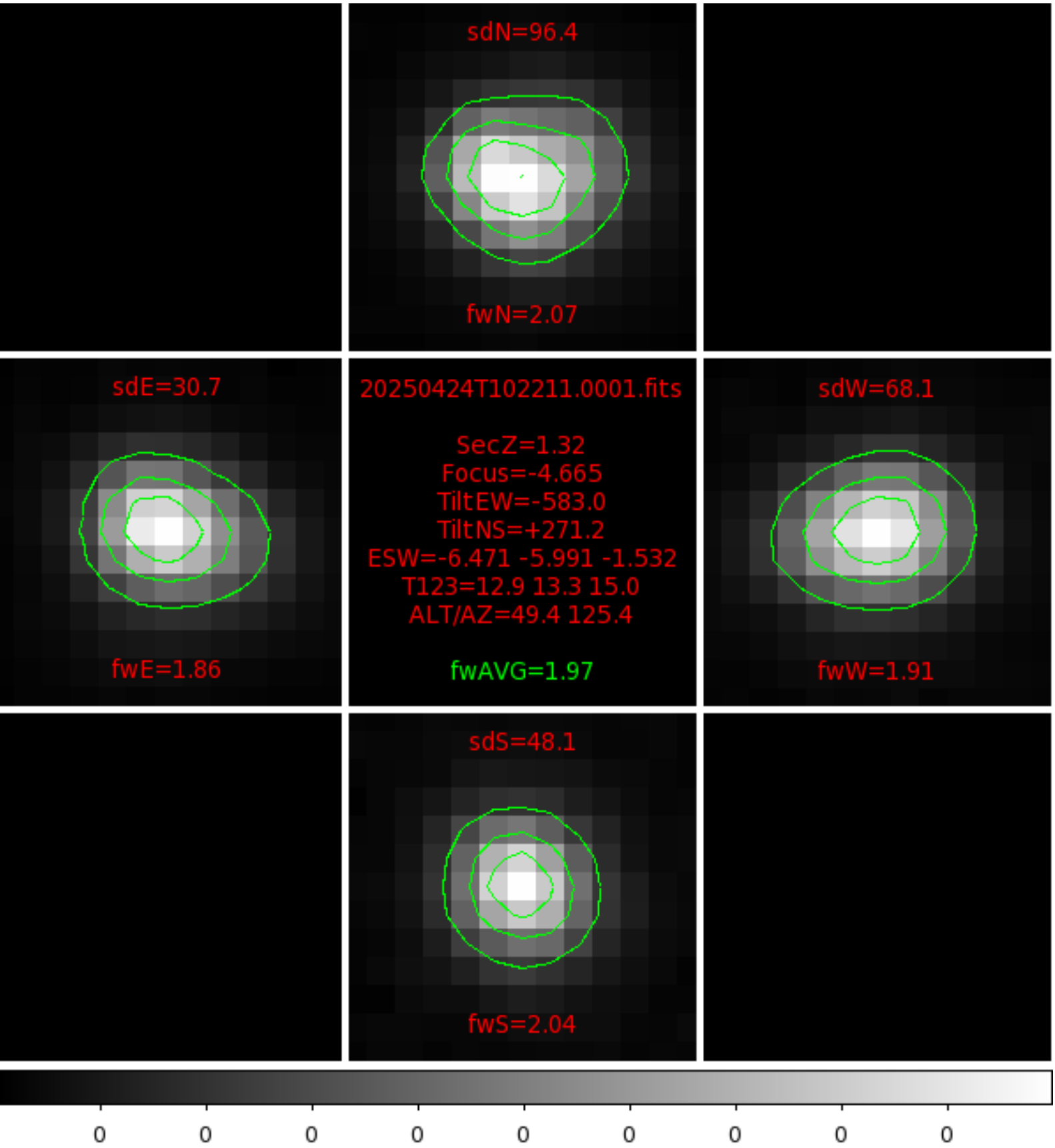
sdN=96.4
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20250424T102211.0001.fits
SecZ=1.32
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.3 15.0
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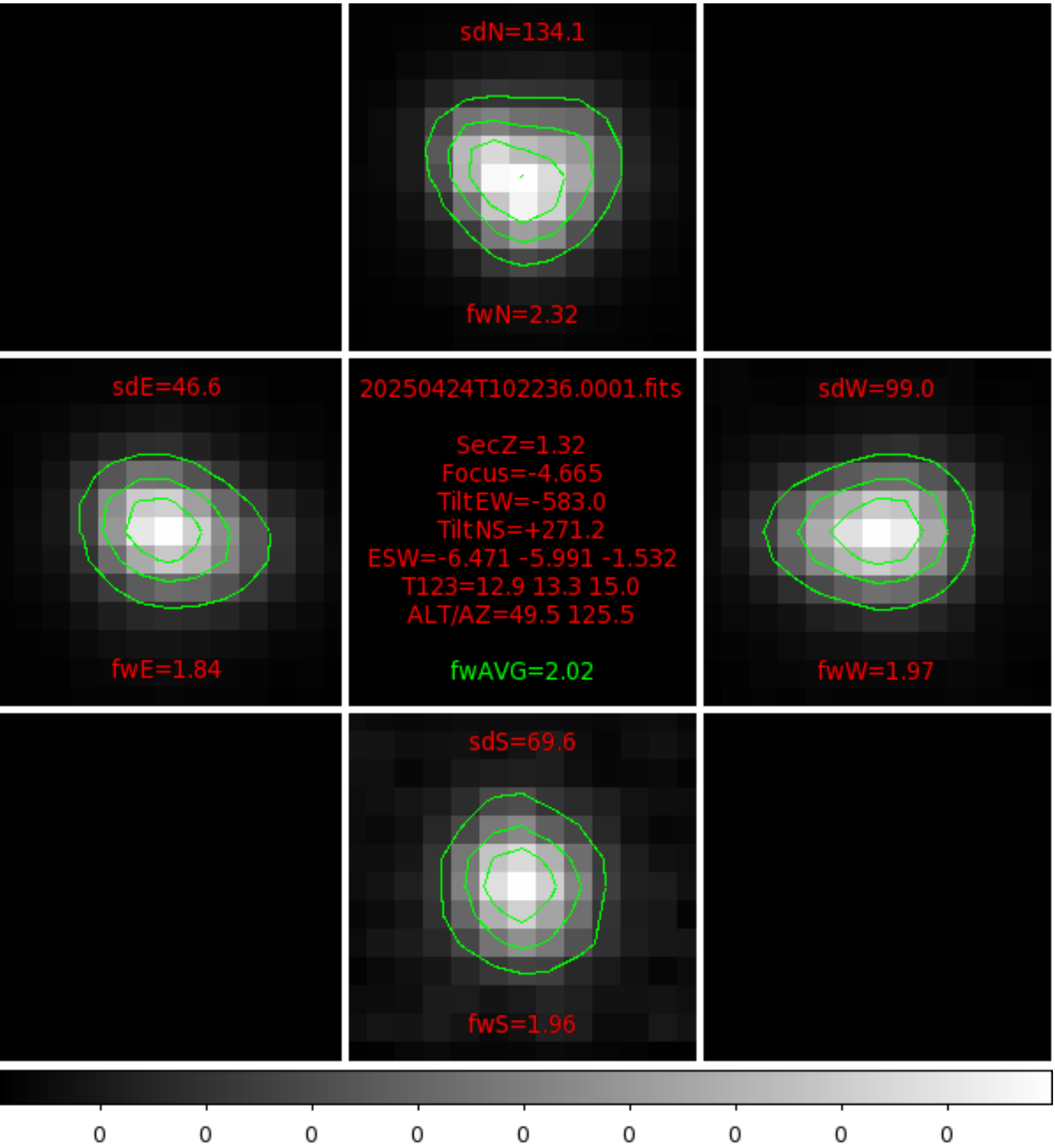
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20250424T102236.0001.fits
SecZ=1.32
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.3 15.0
ALT/AZ=49.5 125.5
fwAVG=2.02
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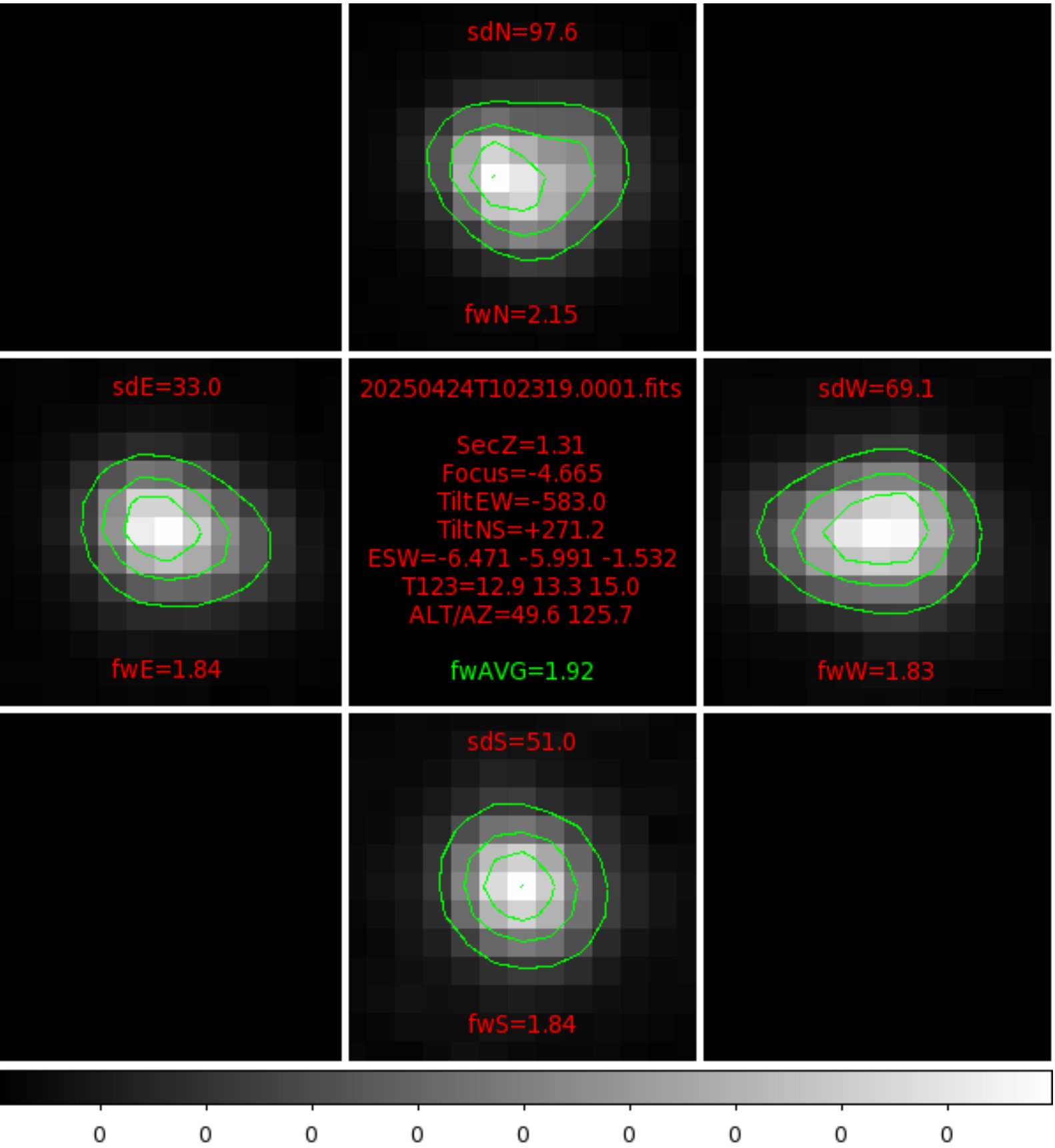
sdN=97.6
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sdE=33.0
fwE=1.84
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SecZ=1.31
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.9 13.3 15.0
ALT/AZ=49.6 125.7
fwAVG=1.92
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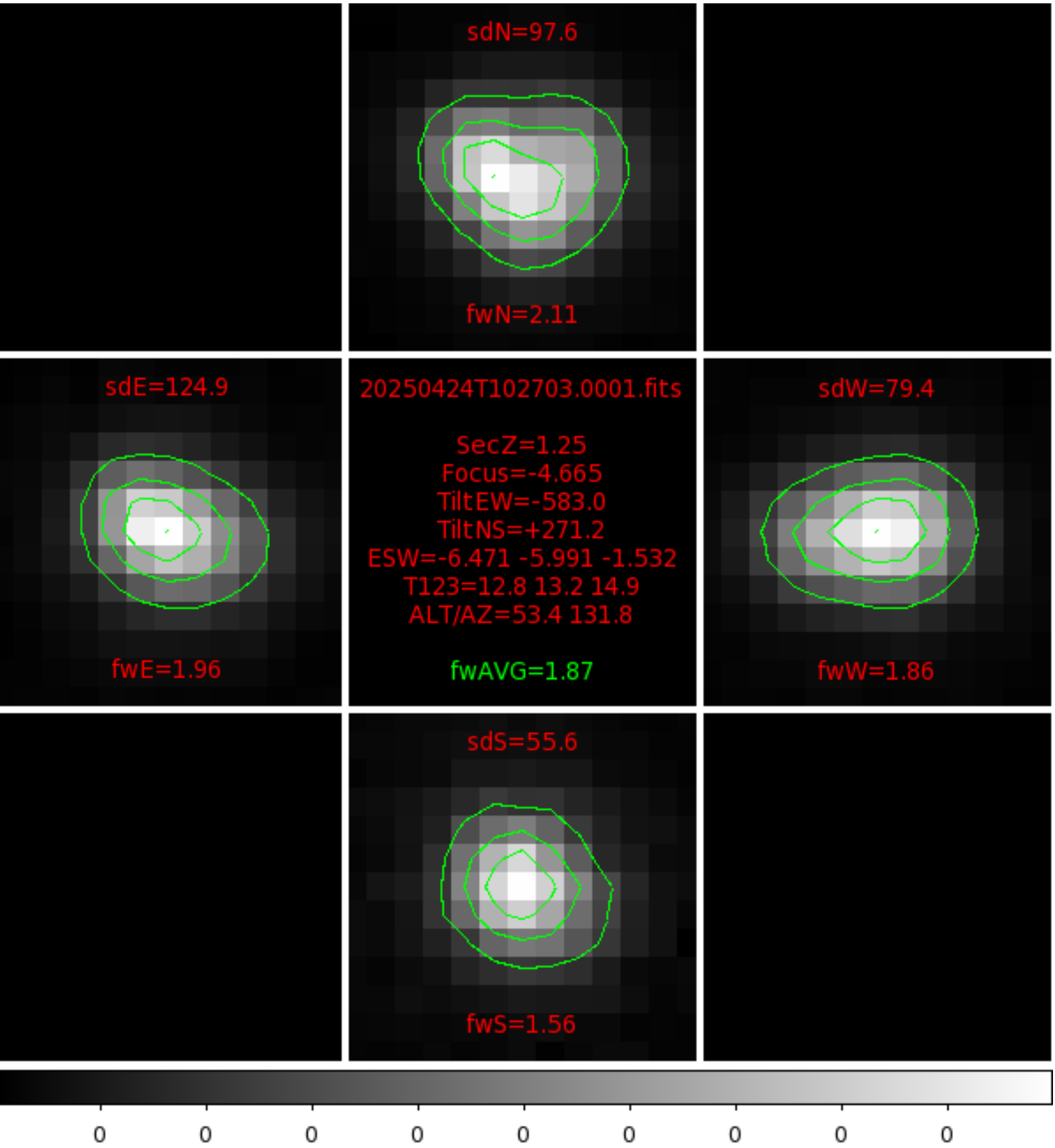
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sdE=124.9
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SecZ=1.25
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.8 13.2 14.9
ALT/AZ=53.4 131.8
fwAVG=1.87
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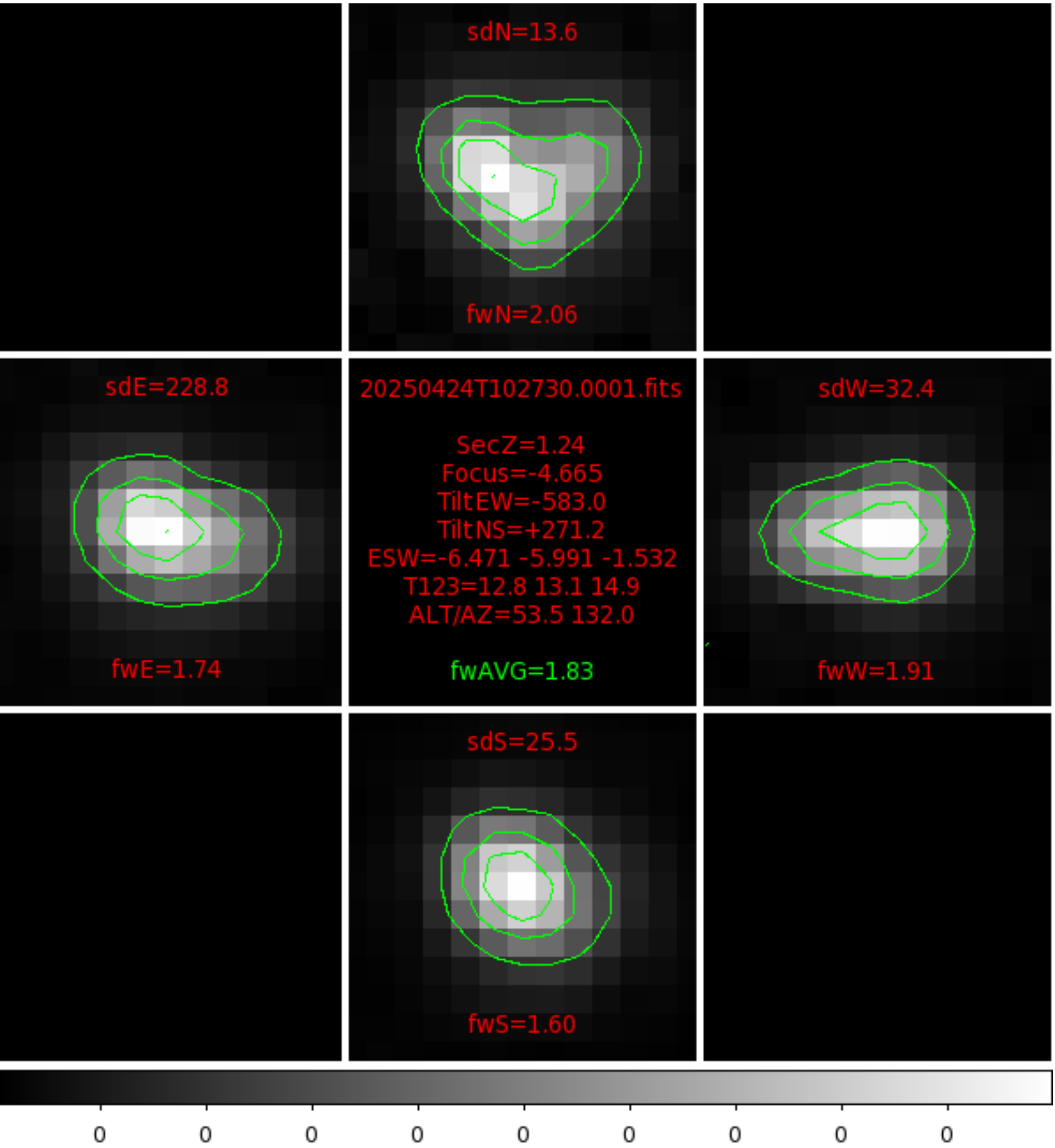
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sdE=228.8
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20250424T102730.0001.fits
SecZ=1.24
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.8 13.1 14.9
ALT/AZ=53.5 132.0
fwAVG=1.83
sdW=32.4
fwW=1.91
sdS=25.5
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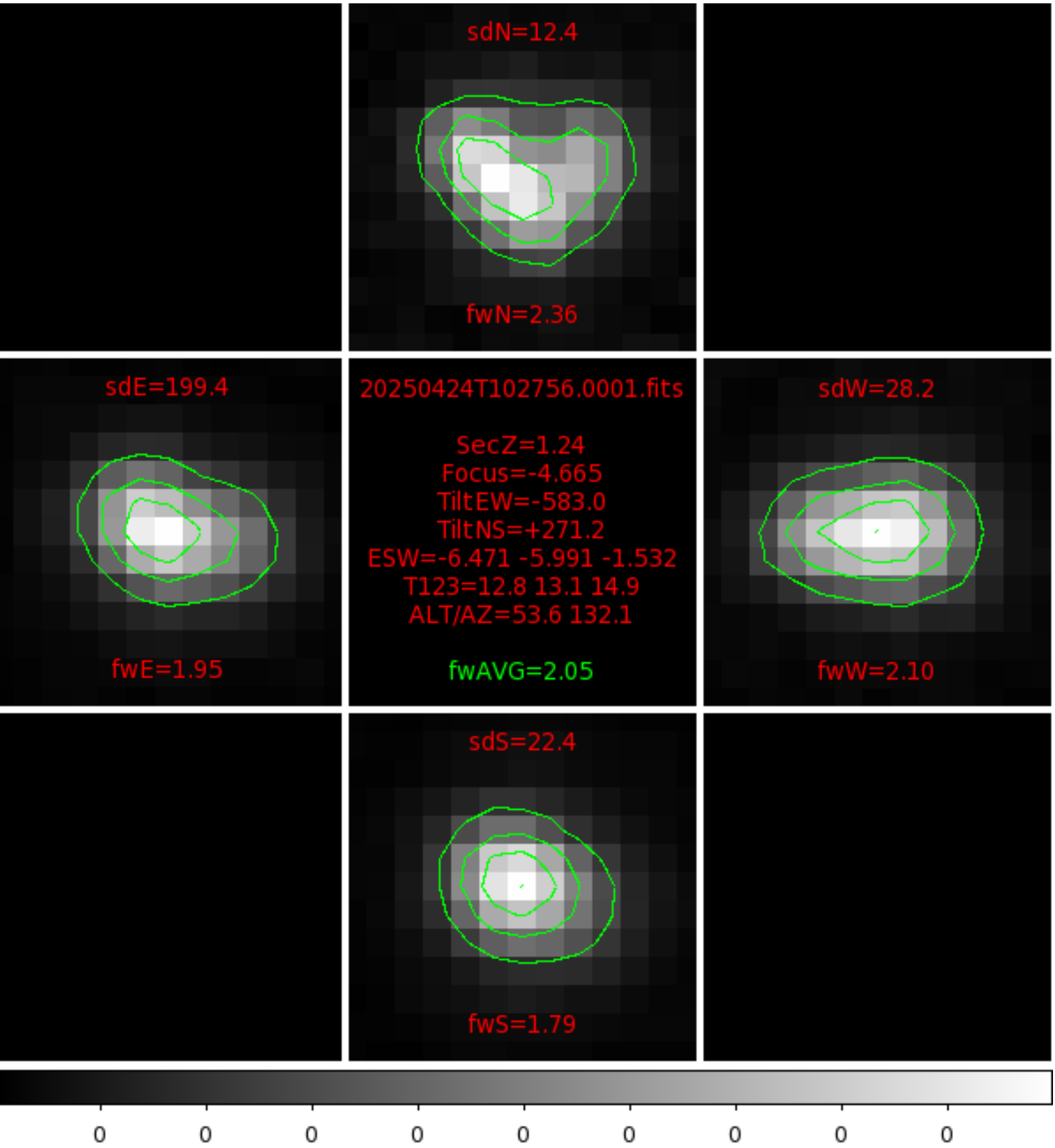
sdN=12.4
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20250424T102756.0001.fits
SecZ=1.24
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.8 13.1 14.9
ALT/AZ=53.6 132.1
fwAVG=2.05
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sdS=22.4
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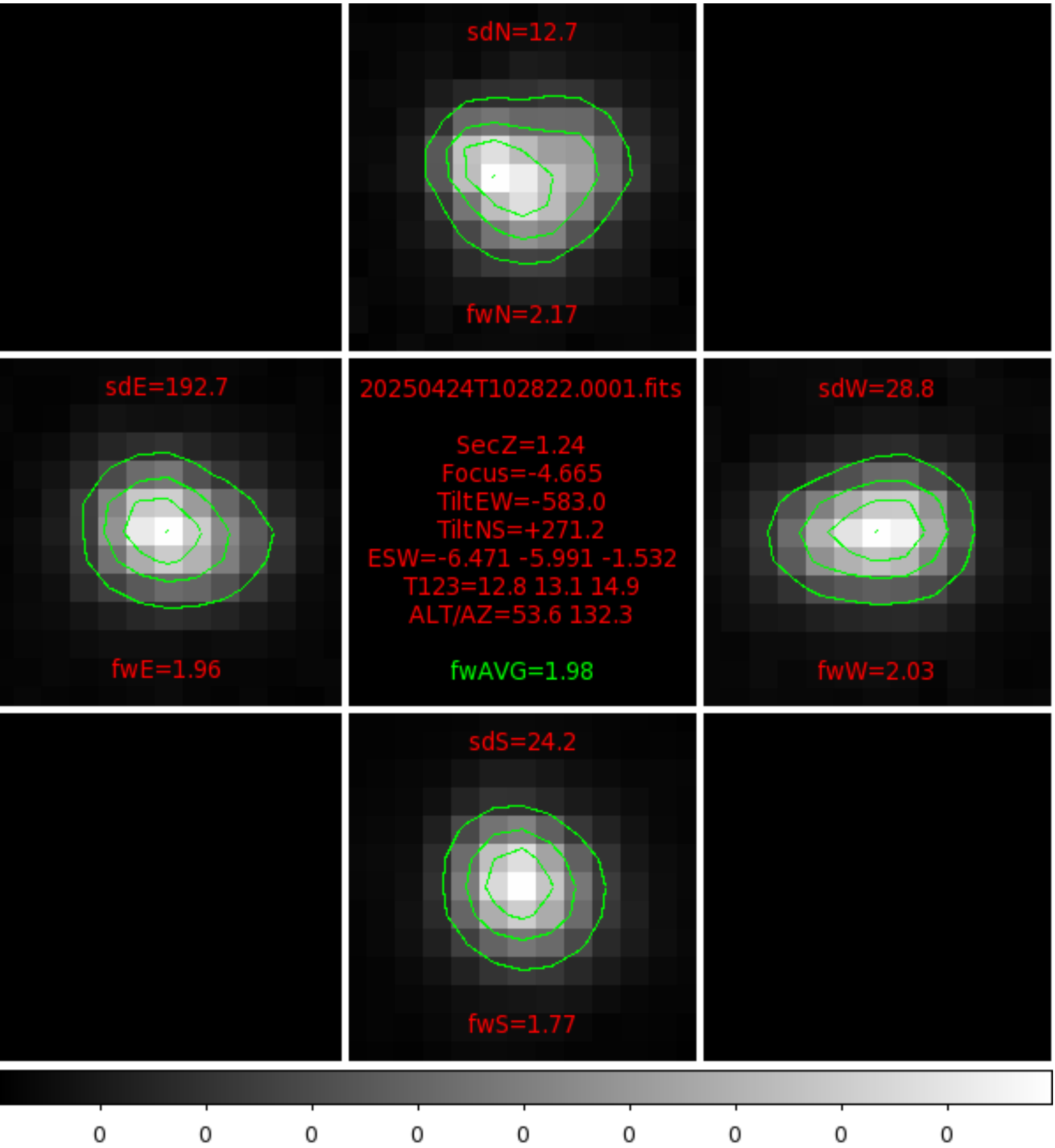
sdN=12.7
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fwE=1.96
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SecZ=1.24
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.8 13.1 14.9
ALT/AZ=53.6 132.3
fwAVG=1.98
sdW=28.8
fwW=2.03
sdS=24.2
fwS=1.77
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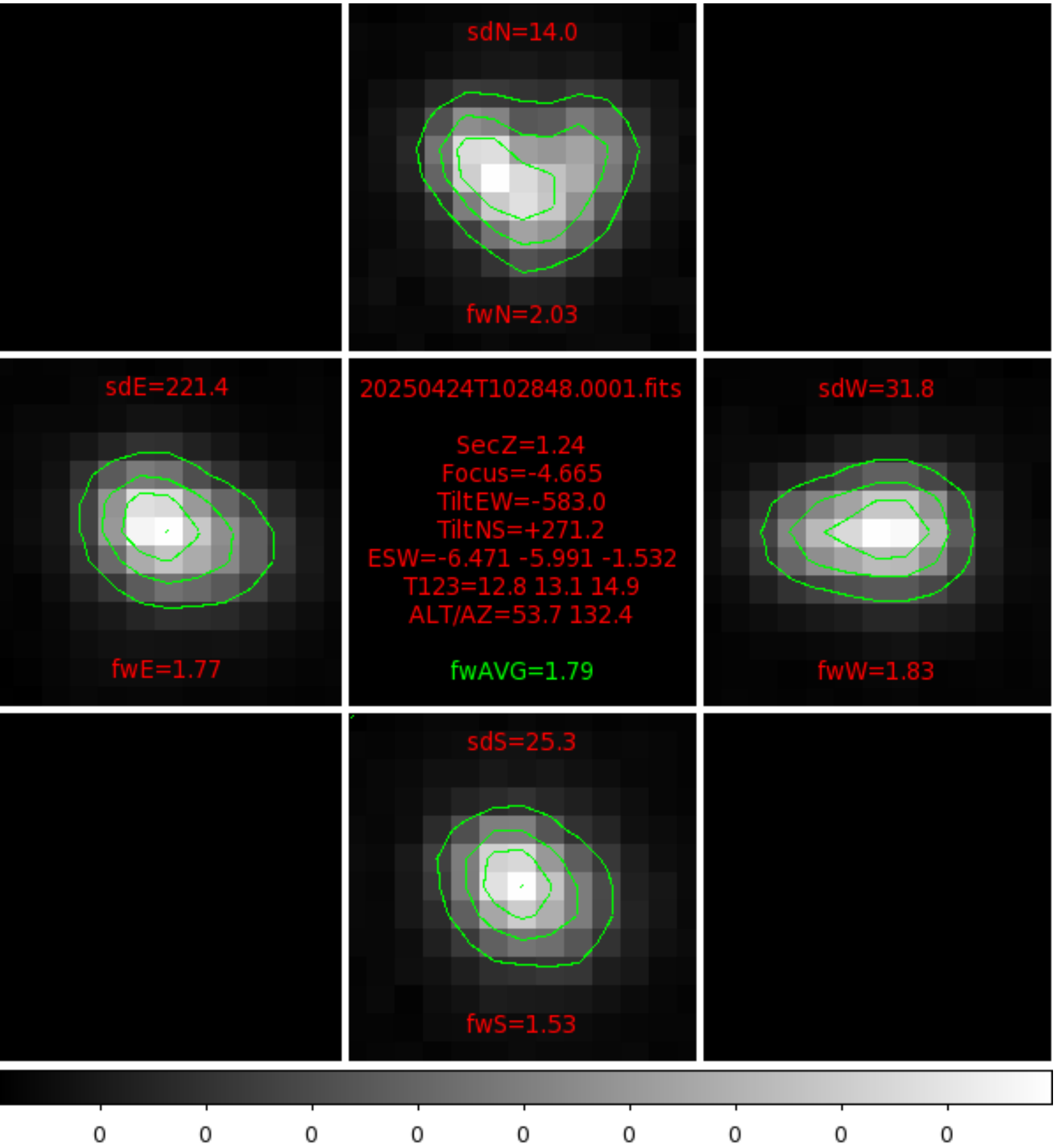
sdN=14.0
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sdE=221.4
fwE=1.77
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SecZ=1.24
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.8 13.1 14.9
ALT/AZ=53.7 132.4
fwAVG=1.79
sdW=31.8
fwW=1.83
sdS=25.3
fwS=1.53
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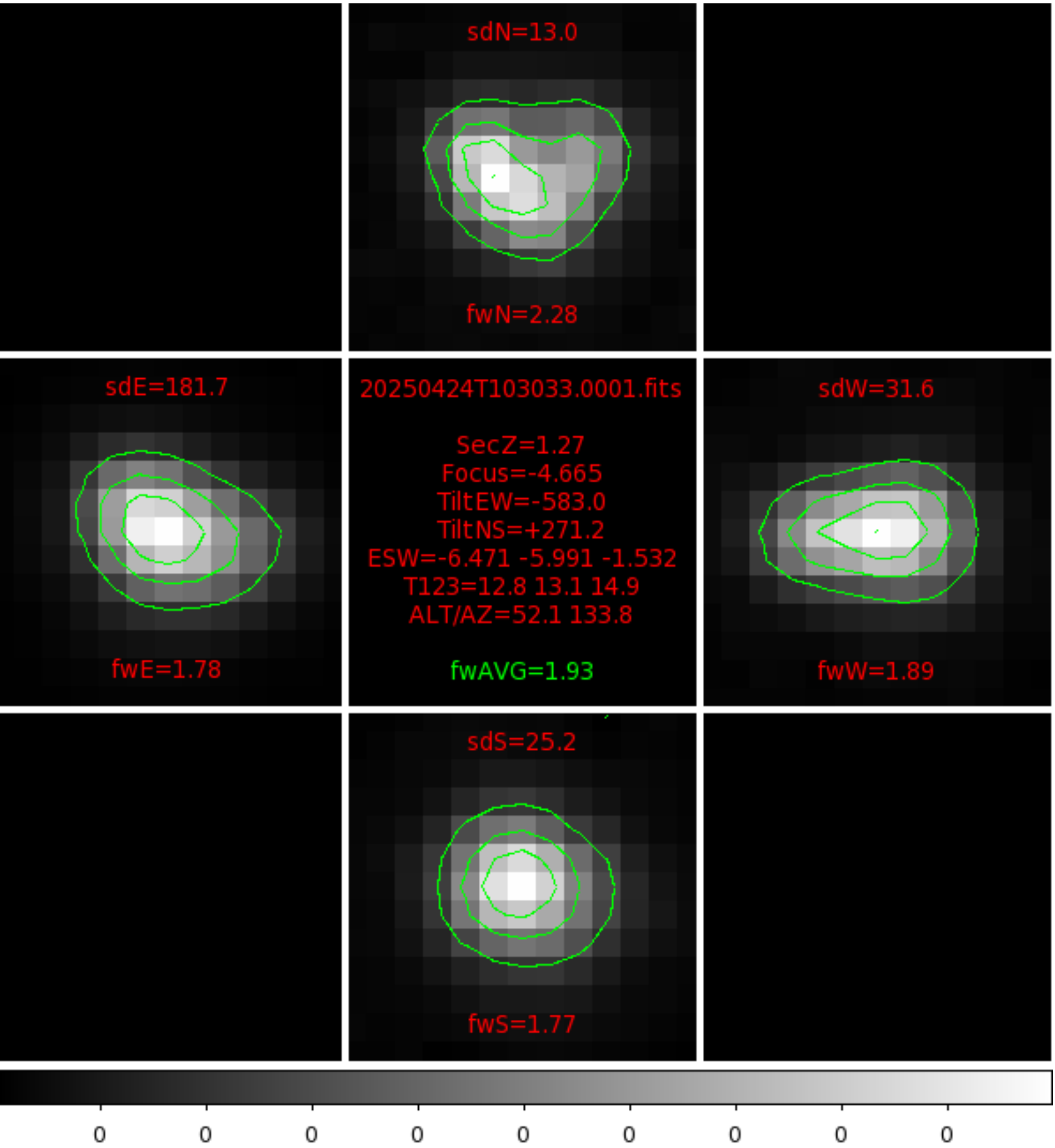
sdN=13.0
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20250424T103033.0001.fits
SecZ=1.27
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.8 13.1 14.9
ALT/AZ=52.1 133.8
fwAVG=1.93
sdW=31.6
fwW=1.89
sdS=25.2
fwS=1.77
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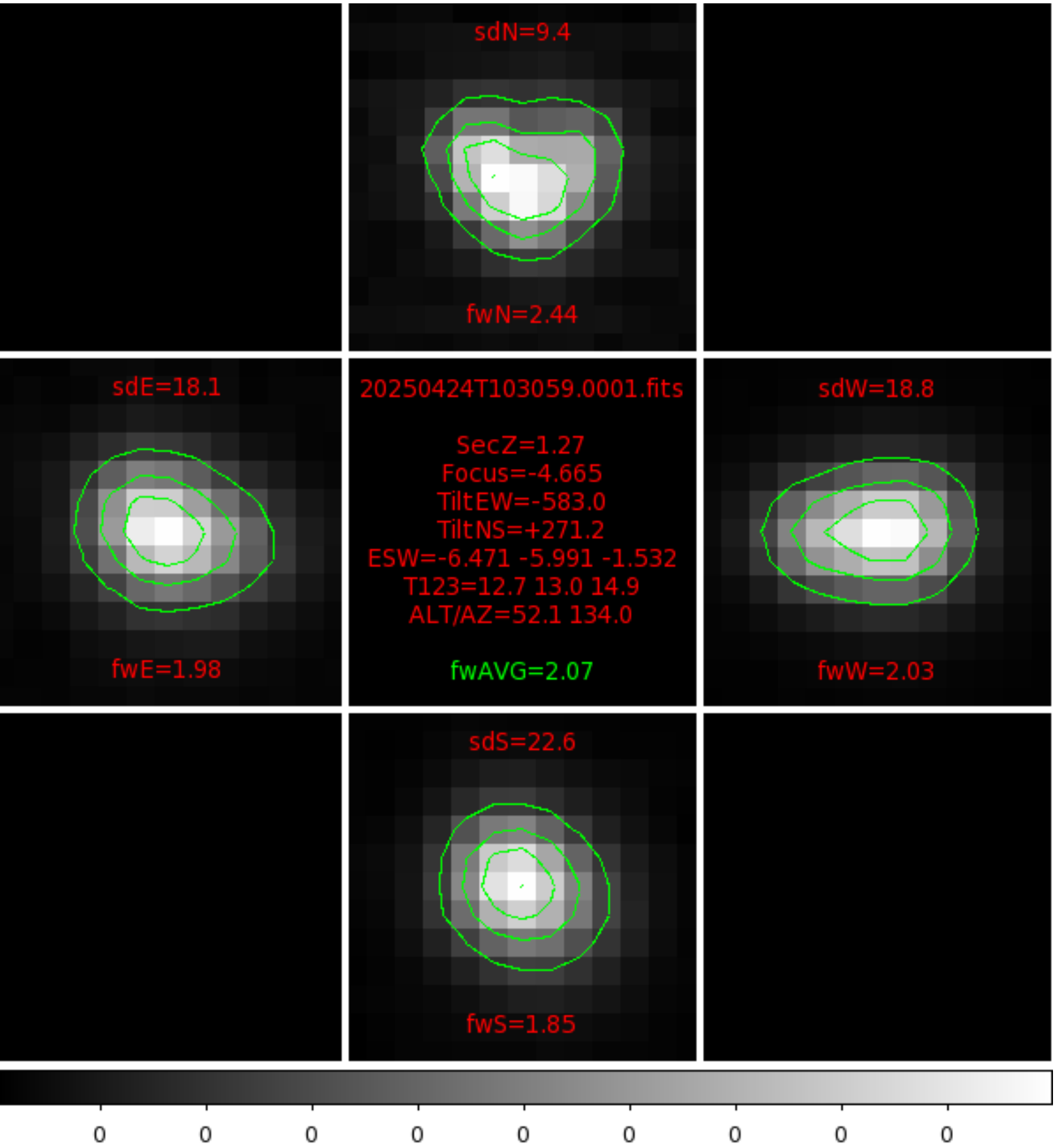
sdN=9.4
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sdE=18.1
fwE=1.98
20250424T103059.0001.fits
SecZ=1.27
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.7 13.0 14.9
ALT/AZ=52.1 134.0
fwAVG=2.07
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sdS=22.6
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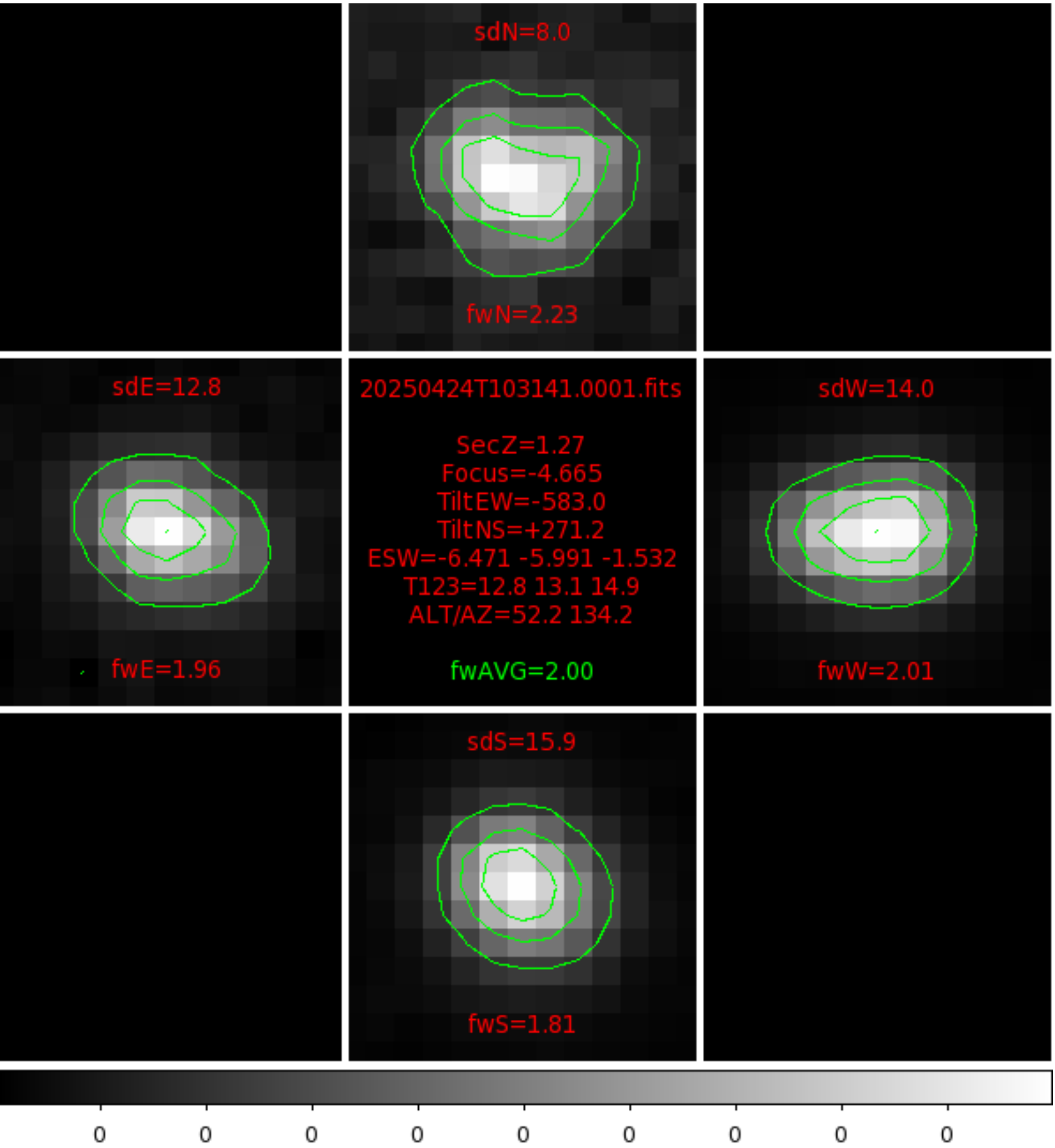
sdN=8.0
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sdE=12.8
fwE=1.96
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SecZ=1.27
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.8 13.1 14.9
ALT/AZ=52.2 134.2
fwAVG=2.00
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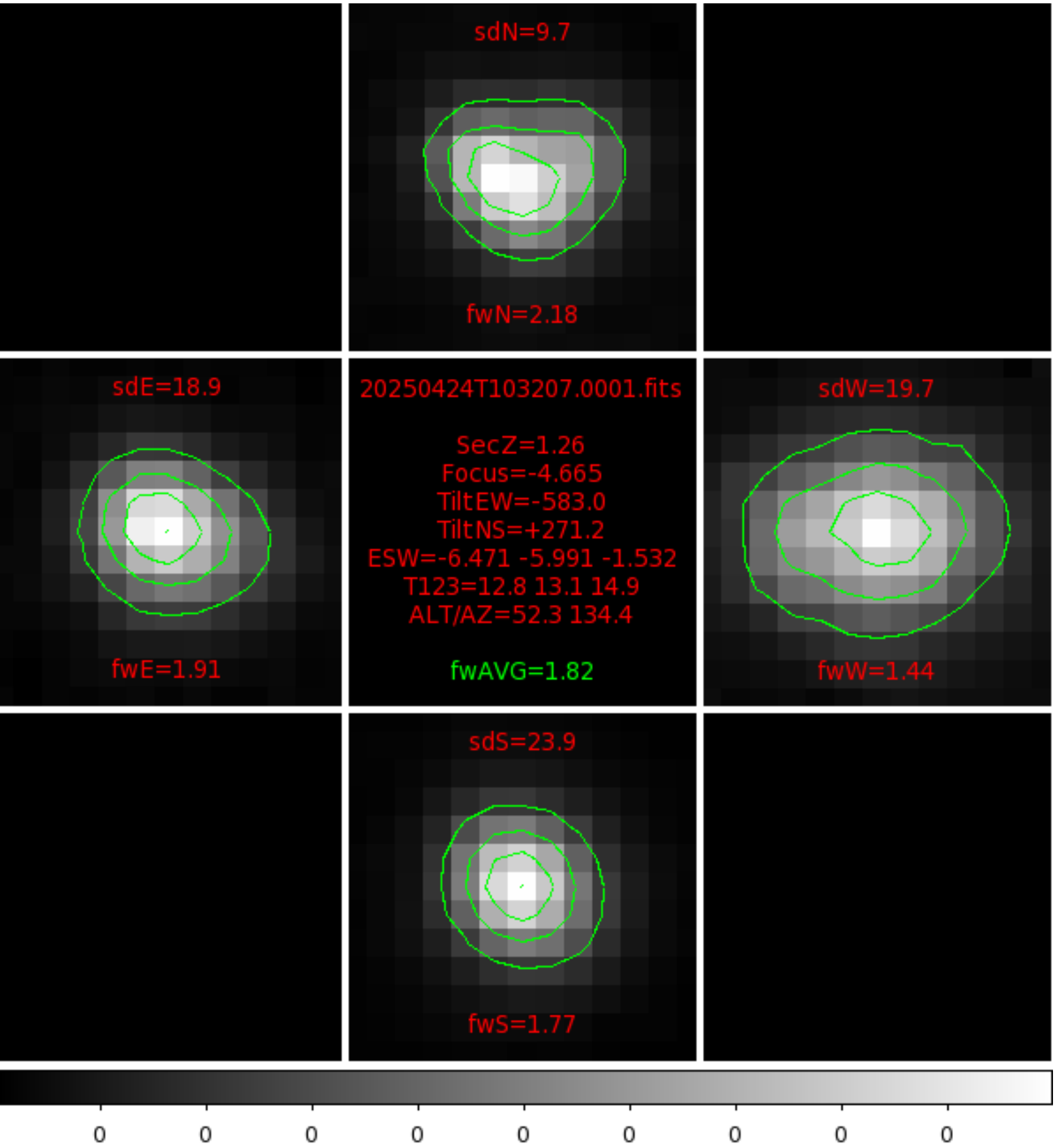
sdN=9.7
fwN=2.18
sdE=18.9
fwE=1.91
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SecZ=1.26
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.8 13.1 14.9
ALT/AZ=52.3 134.4
fwAVG=1.82
sdW=19.7
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sdS=23.9
fwS=1.77
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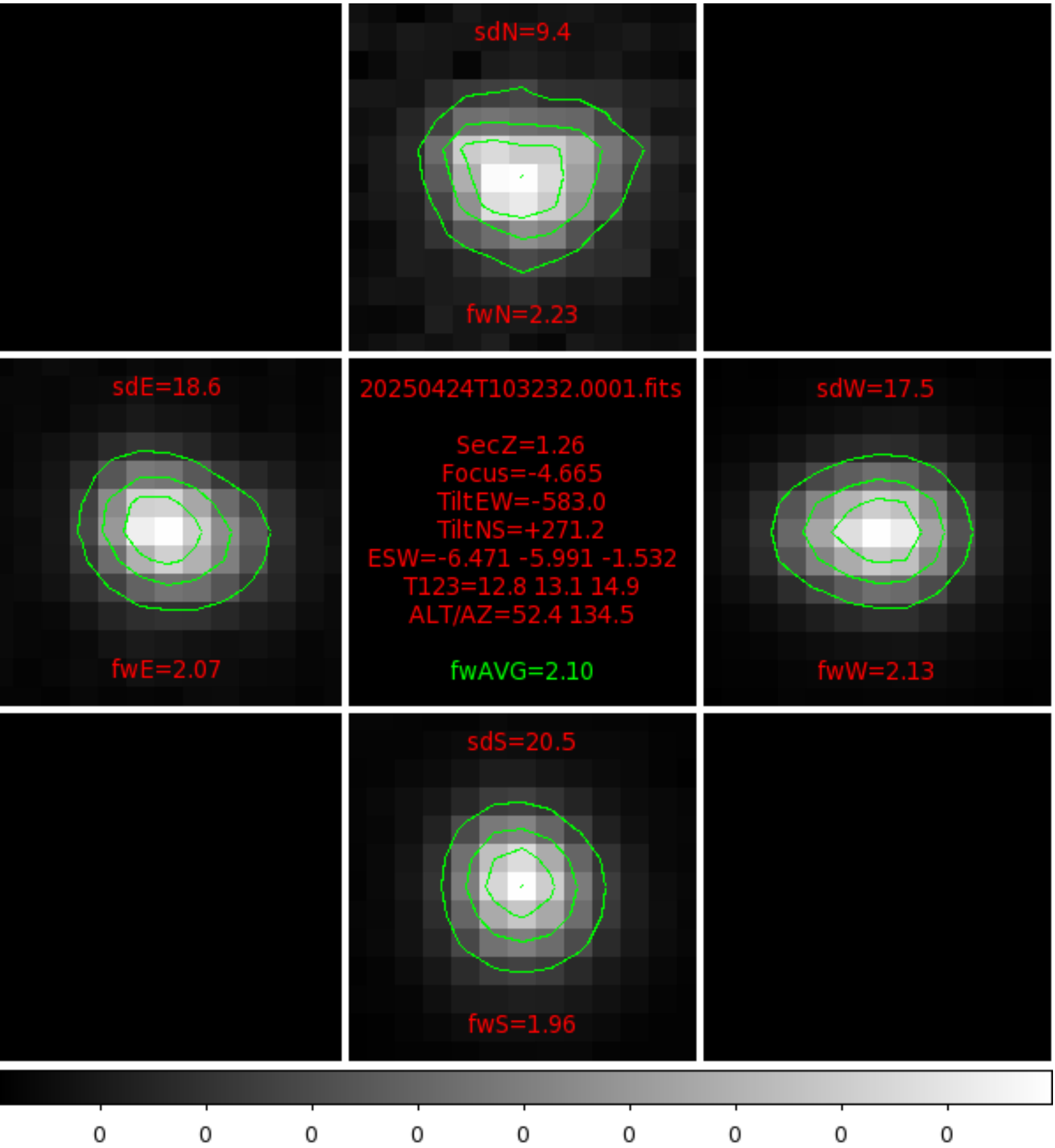
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fwN=2.23
sdE=18.6
fwE=2.07
20250424T103232.0001.fits
SecZ=1.26
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.8 13.1 14.9
ALT/AZ=52.4 134.5
fwAVG=2.10
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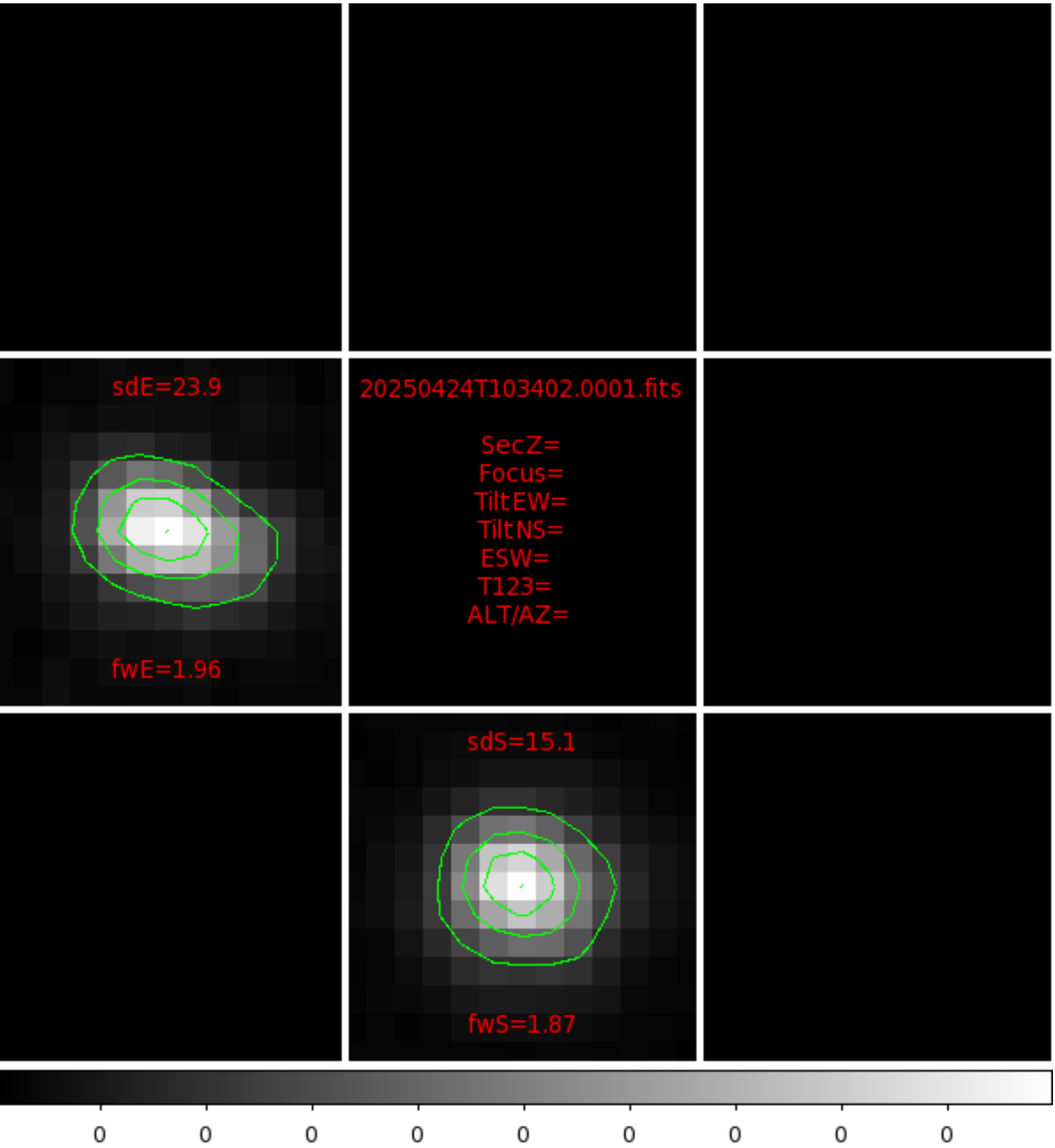
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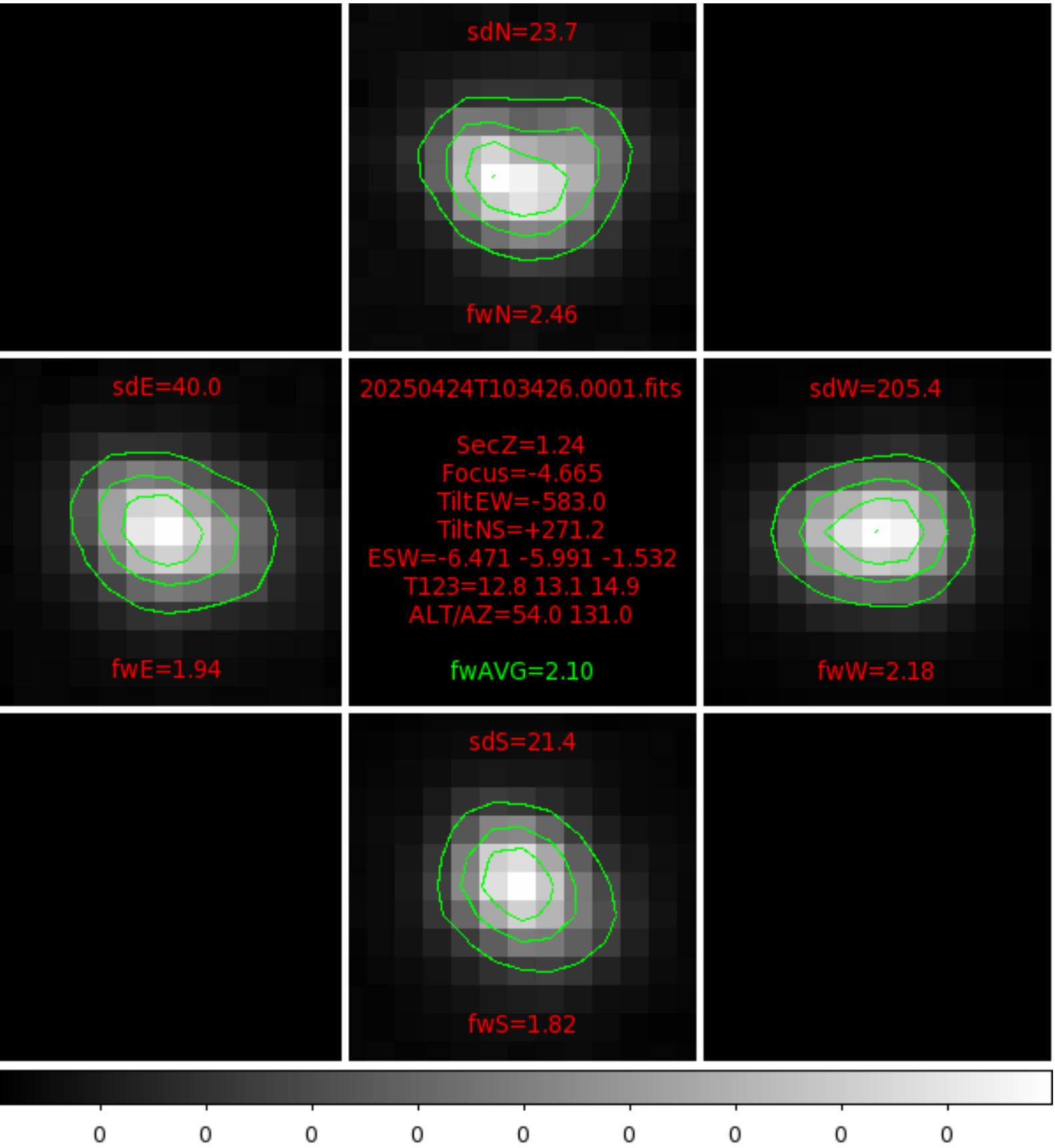
sdN=23.7
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sdE=40.0
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20250424T103426.0001.fits
SecZ=1.24
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.8 13.1 14.9
ALT/AZ=54.0 131.0
fwAVG=2.10
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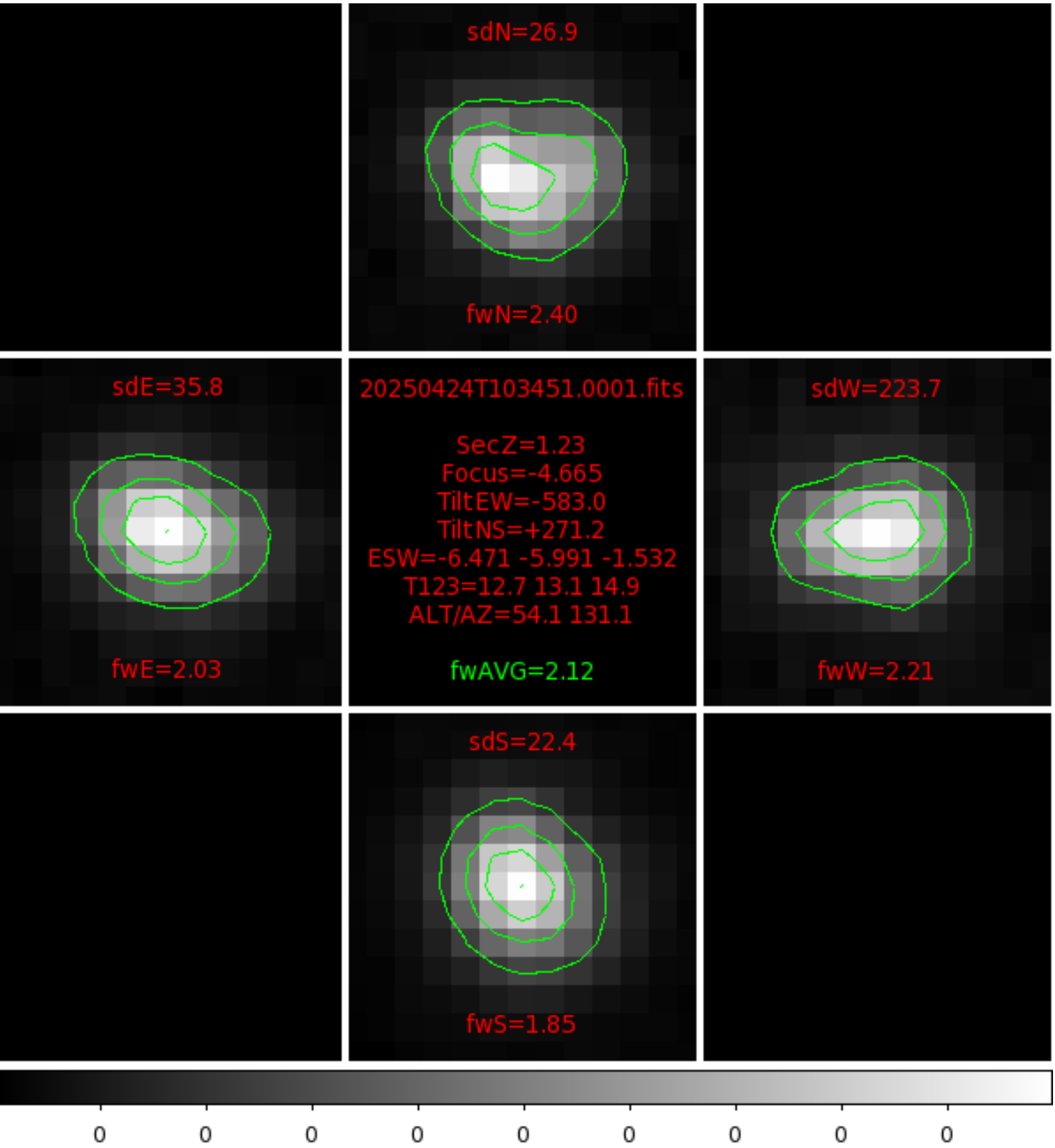
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SecZ=1.23
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.7 13.1 14.9
ALT/AZ=54.1 131.1
fwAVG=2.12
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sdS=22.4
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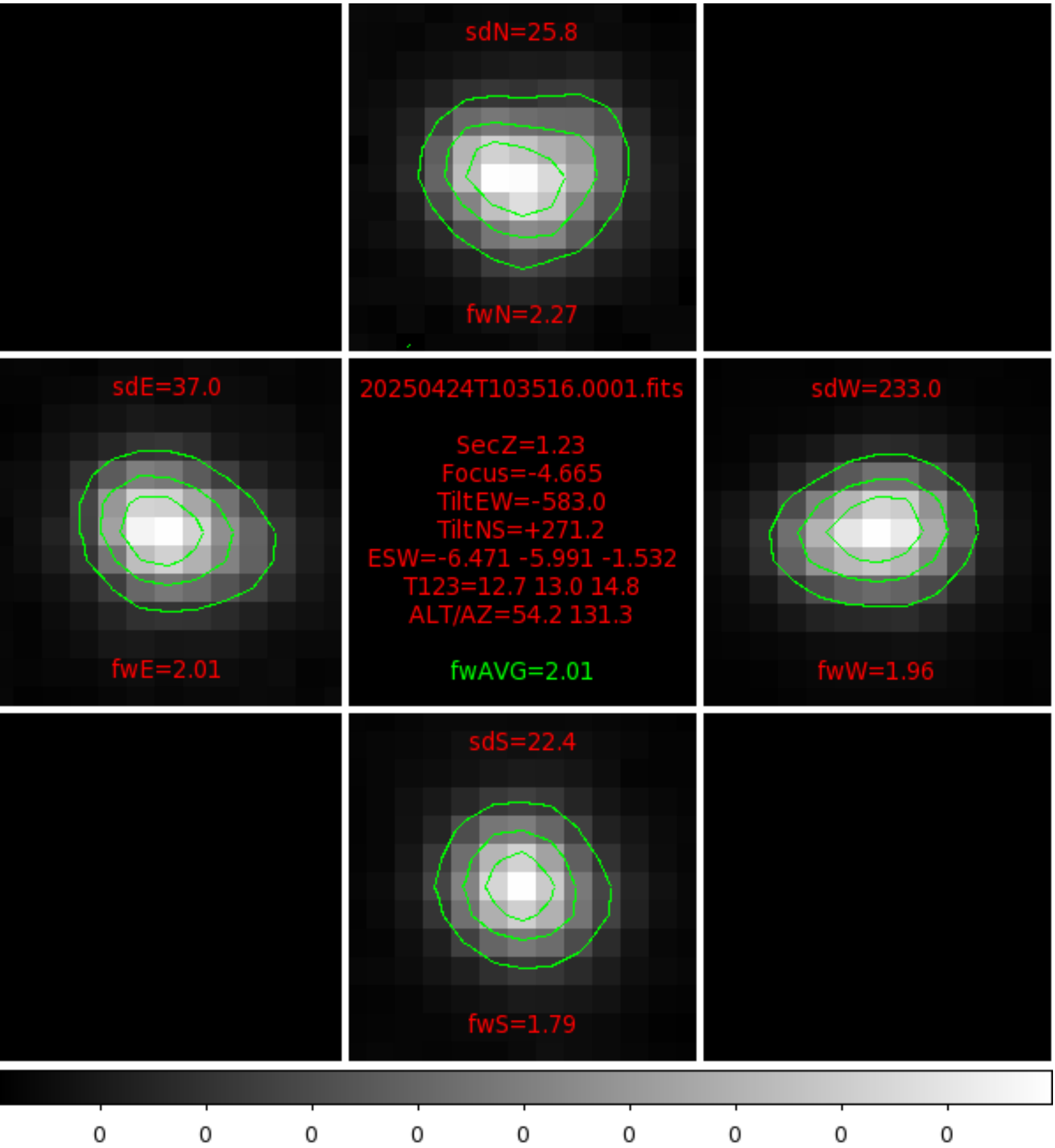
sdN=25.8
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sdE=37.0
fwE=2.01
20250424T103516.0001.fits
SecZ=1.23
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.7 13.0 14.8
ALT/AZ=54.2 131.3
fwAVG=2.01
sdW=233.0
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sdS=22.4
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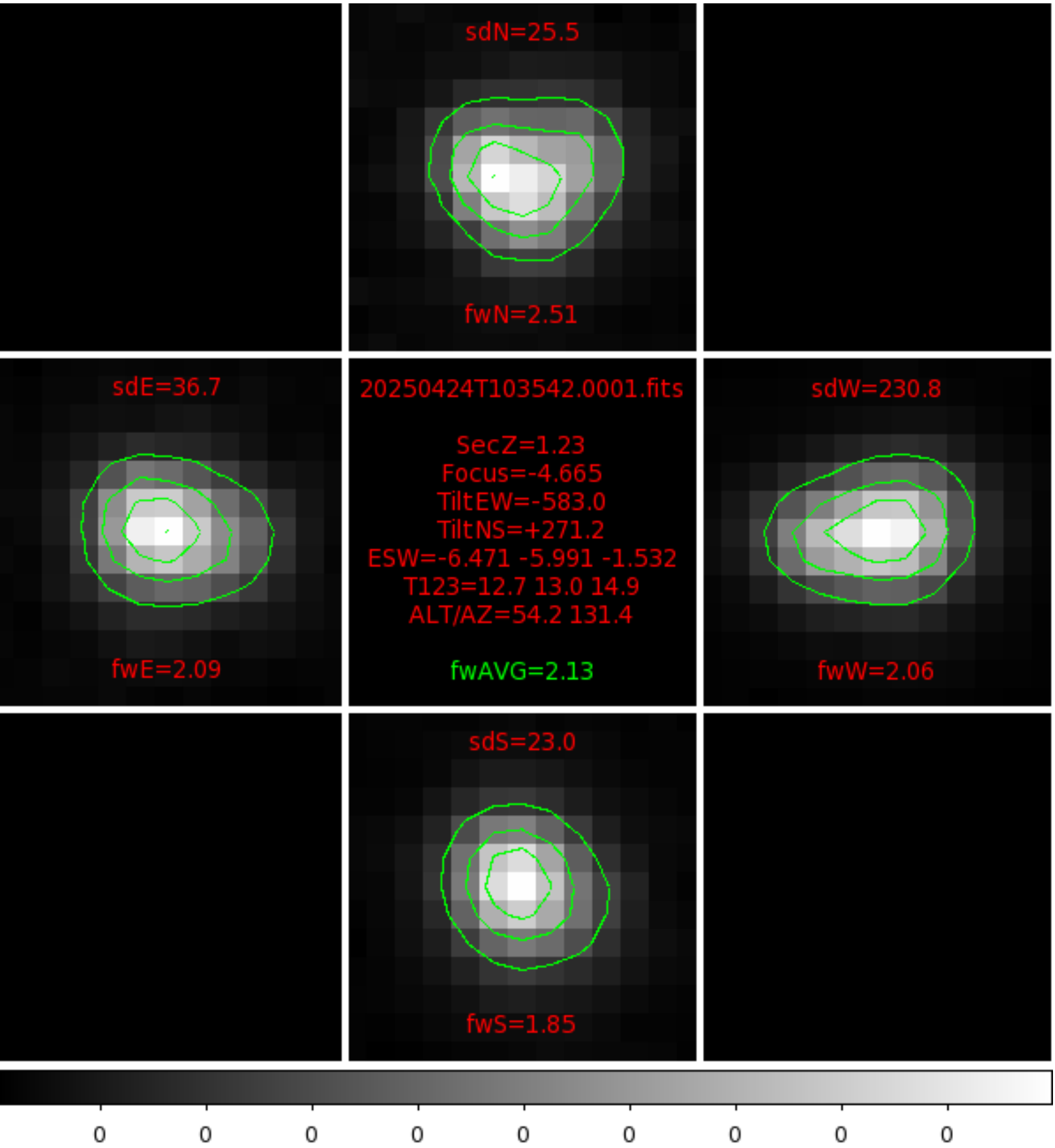
sdN=25.5
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sdE=36.7
fwE=2.09
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SecZ=1.23
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.7 13.0 14.9
ALT/AZ=54.2 131.4
fwAVG=2.13
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sdS=23.0
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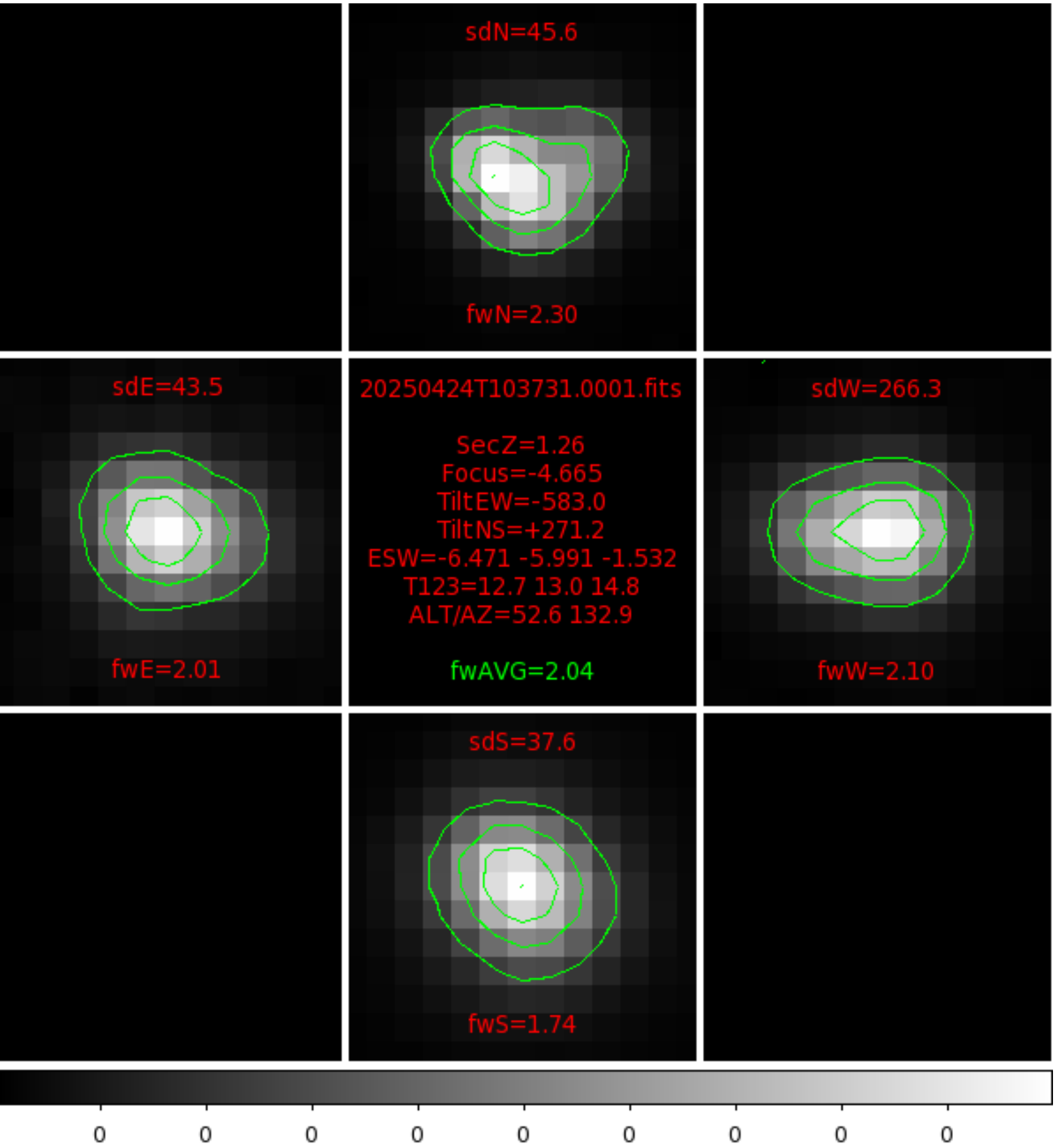
sdN=45.6
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20250424T103731.0001.fits
SecZ=1.26
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.7 13.0 14.8
ALT/AZ=52.6 132.9
fwAVG=2.04
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sdS=37.6
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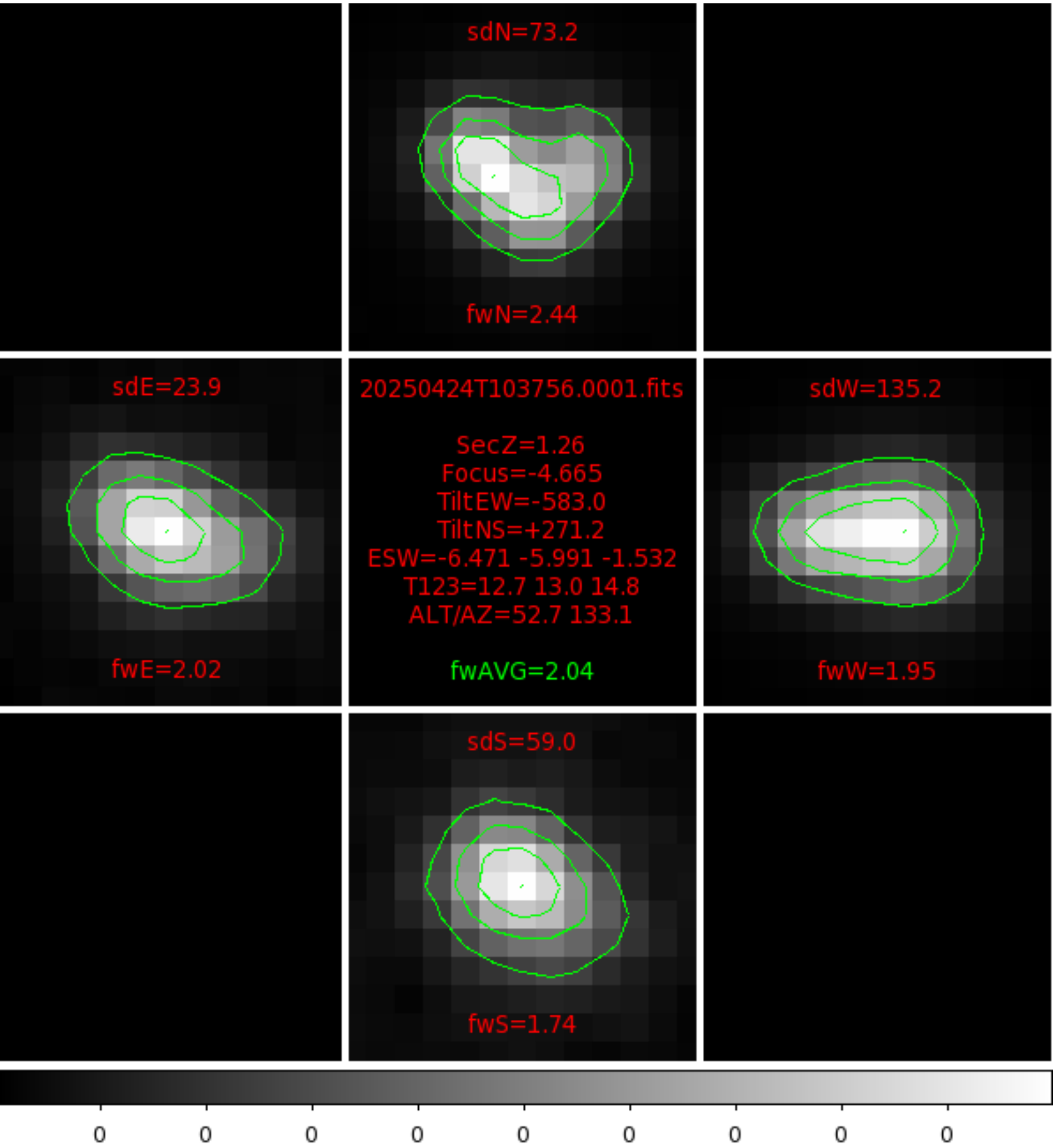
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sdE=23.9
fwE=2.02
20250424T103756.0001.fits
SecZ=1.26
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.7 13.0 14.8
ALT/AZ=52.7 133.1
fwAVG=2.04
sdW=135.2
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sdS=59.0
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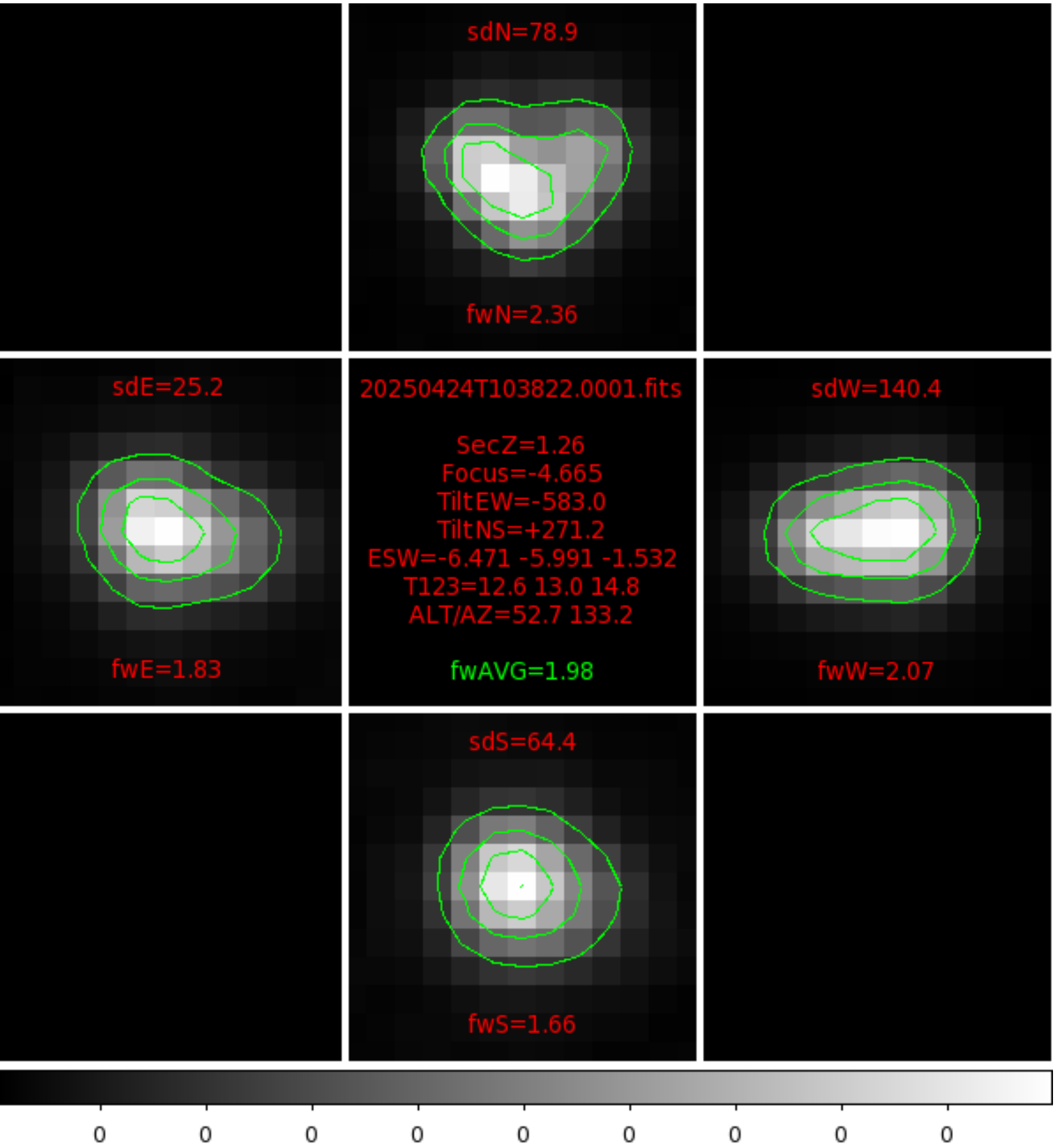
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fwN=2.36
sdE=25.2
fwE=1.83
20250424T103822.0001.fits
SecZ=1.26
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 13.0 14.8
ALT/AZ=52.7 133.2
fwAVG=1.98
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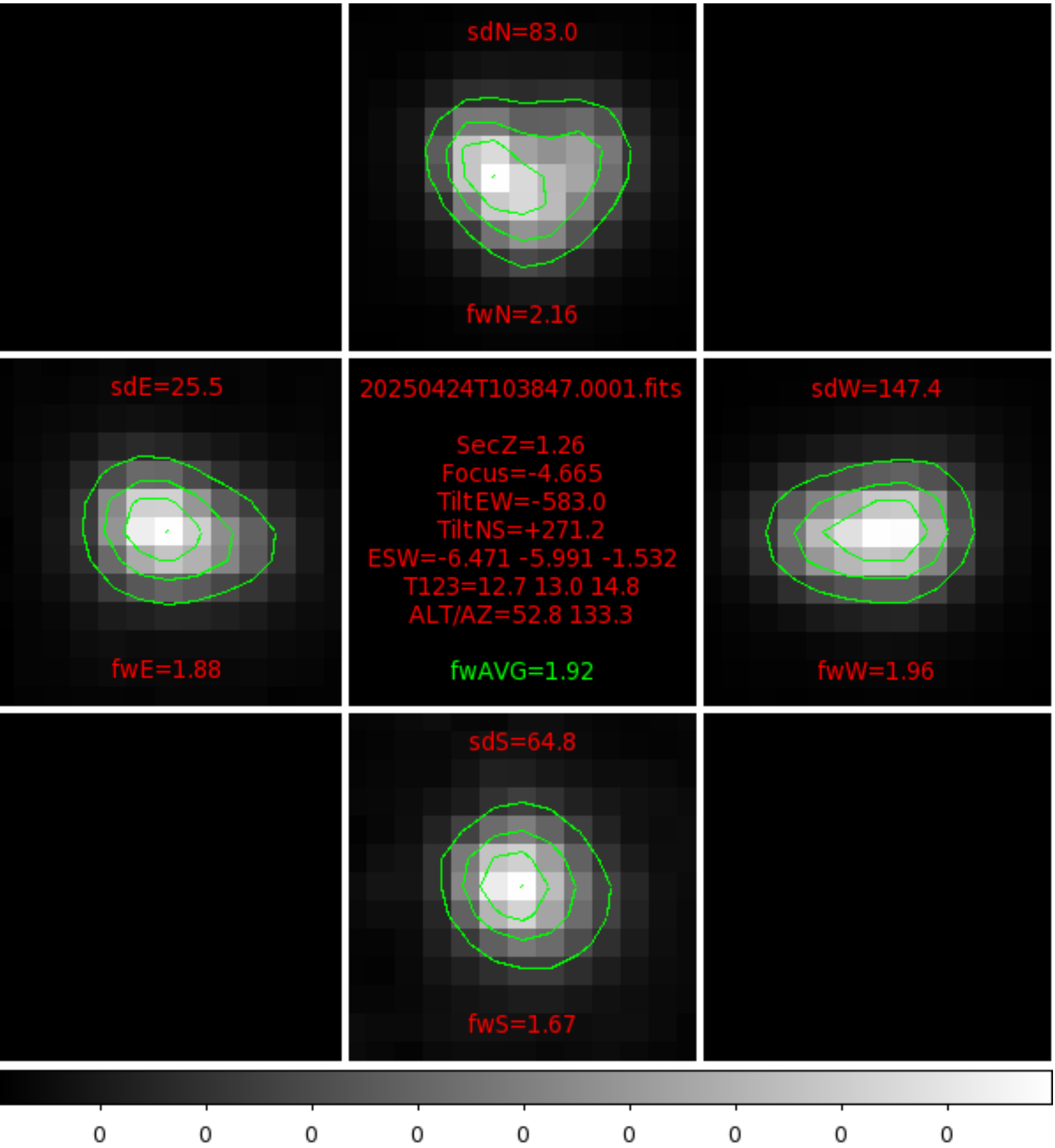
sdN=83.0
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sdE=25.5
fwE=1.88
20250424T103847.0001.fits
SecZ=1.26
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.7 13.0 14.8
ALT/AZ=52.8 133.3
fwAVG=1.92
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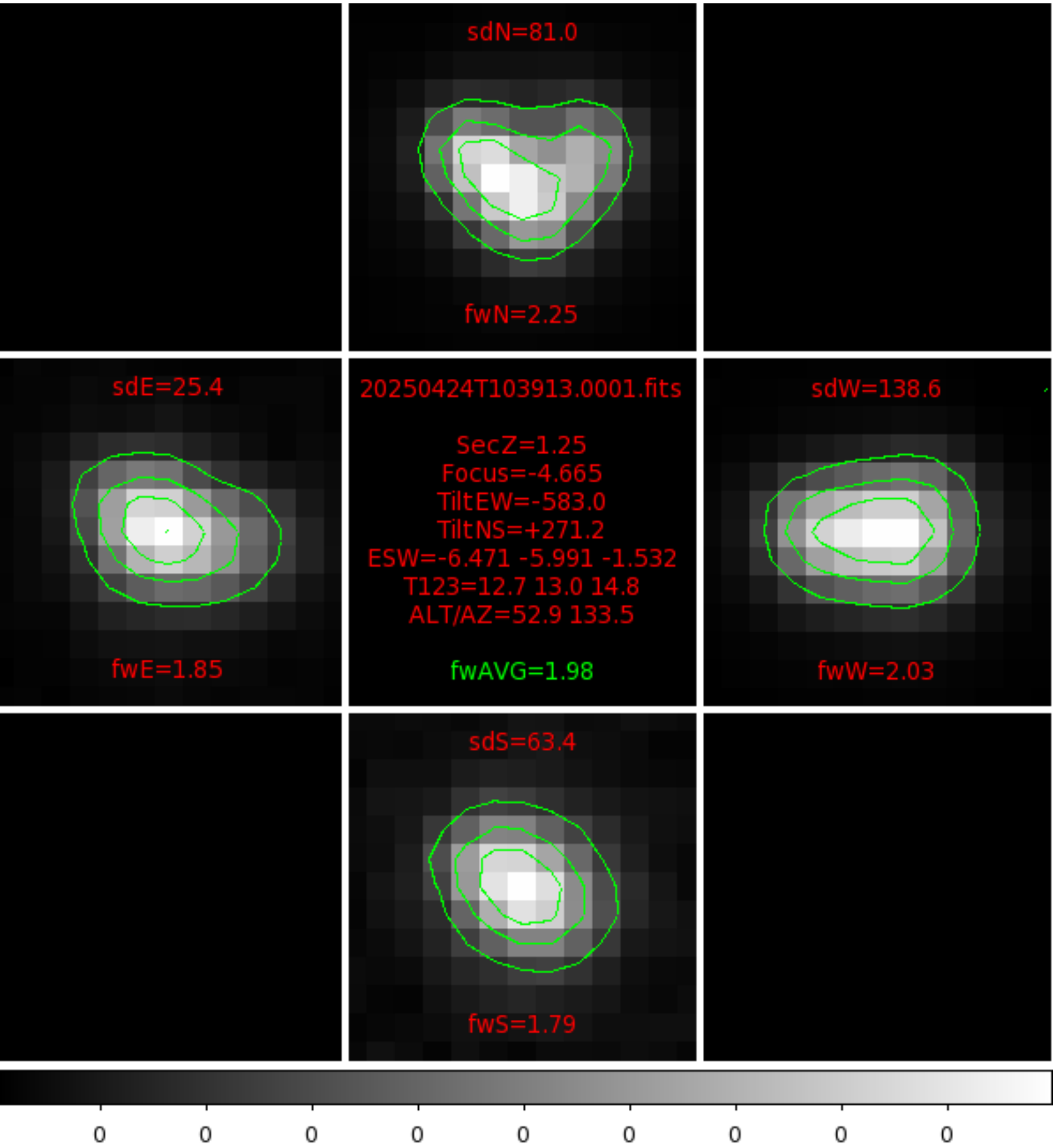
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sdE=25.4
fwE=1.85
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SecZ=1.25
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.7 13.0 14.8
ALT/AZ=52.9 133.5
fwAVG=1.98
sdW=138.6
fwW=2.03
sdS=63.4
fwS=1.79
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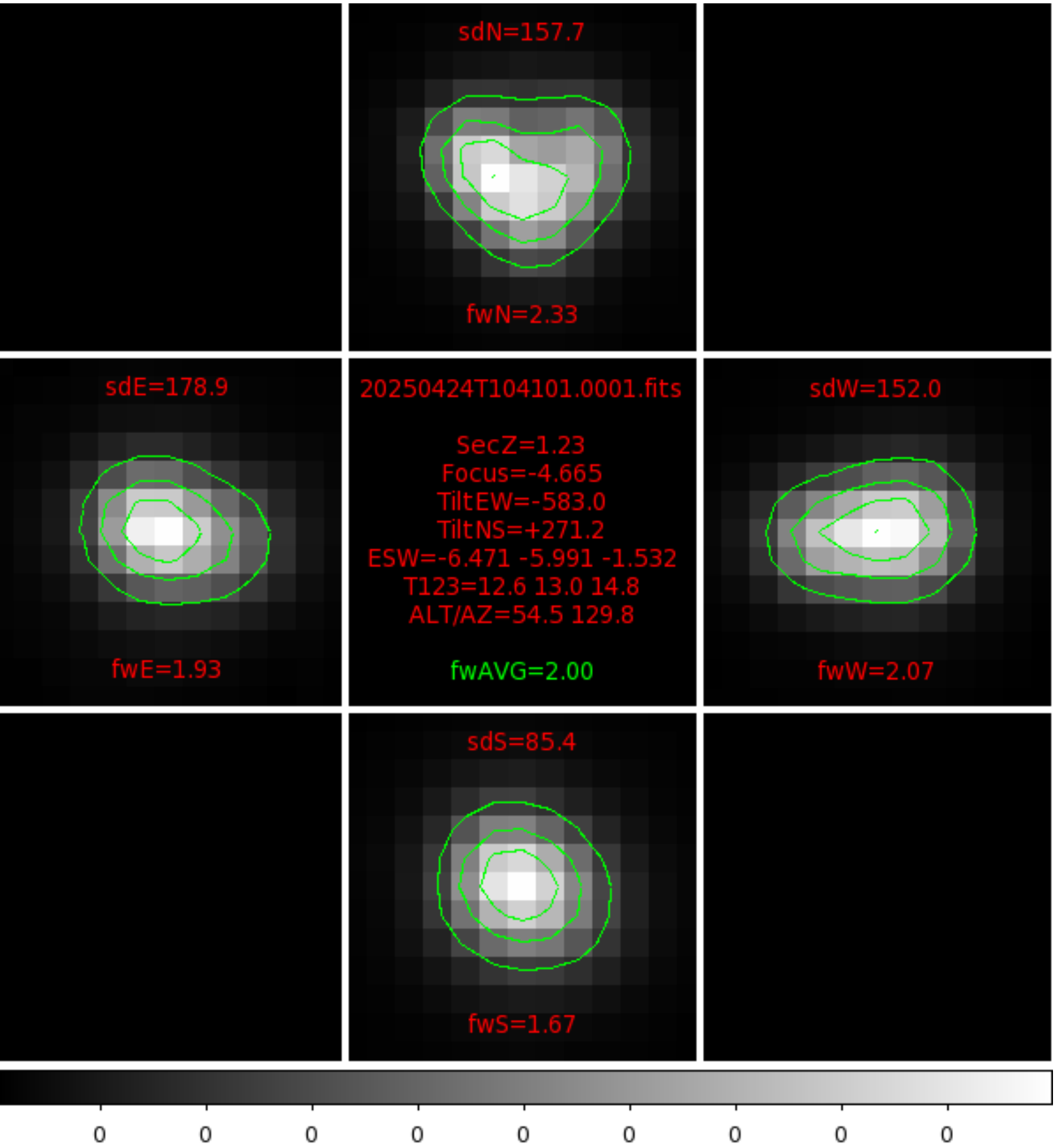
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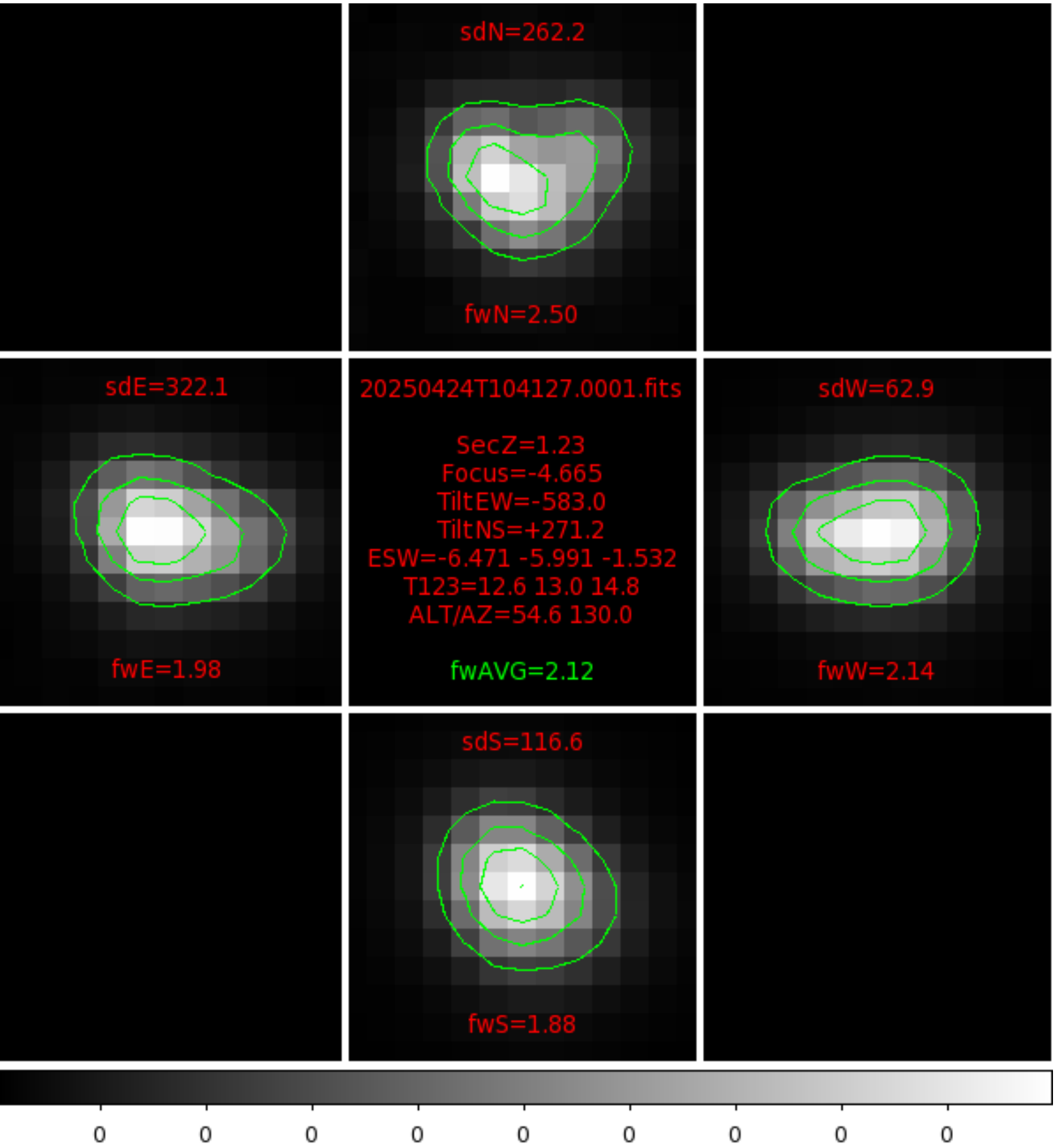
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SecZ=1.23
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T123=12.6 13.0 14.8
ALT/AZ=54.6 130.0
fwAVG=2.12
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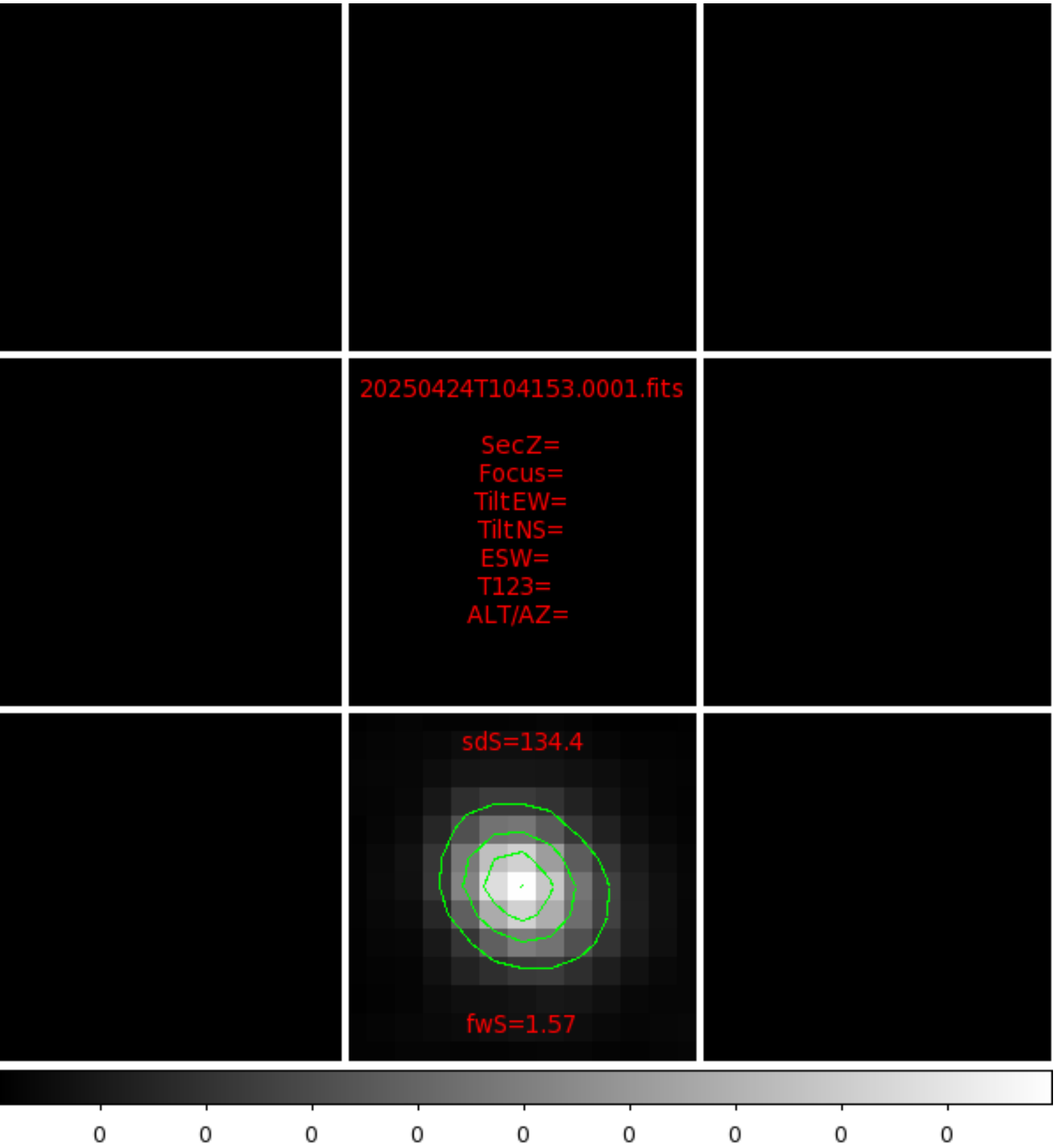
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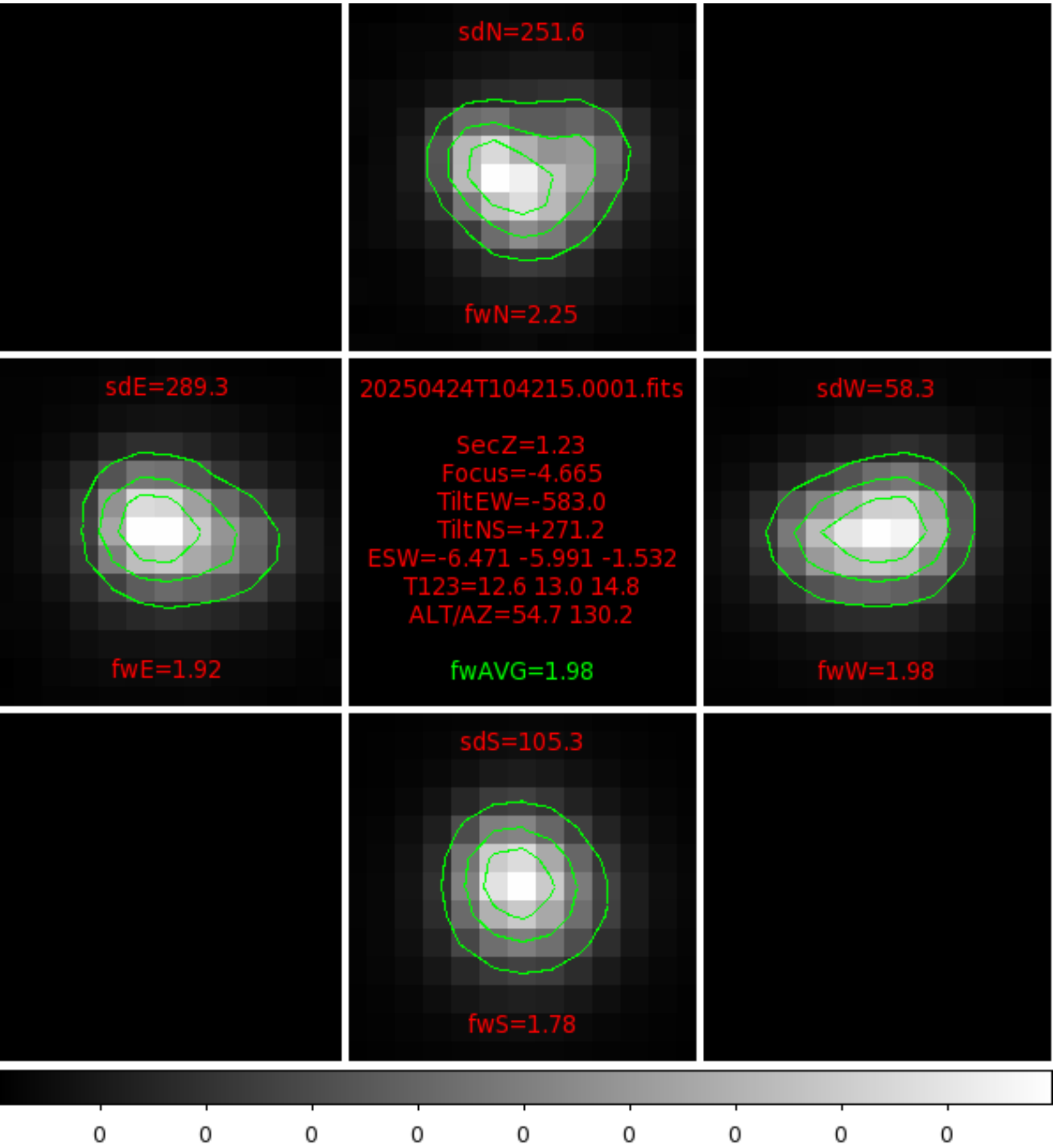
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SecZ=1.23
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TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 13.0 14.8
ALT/AZ=54.7 130.2
fwAVG=1.98
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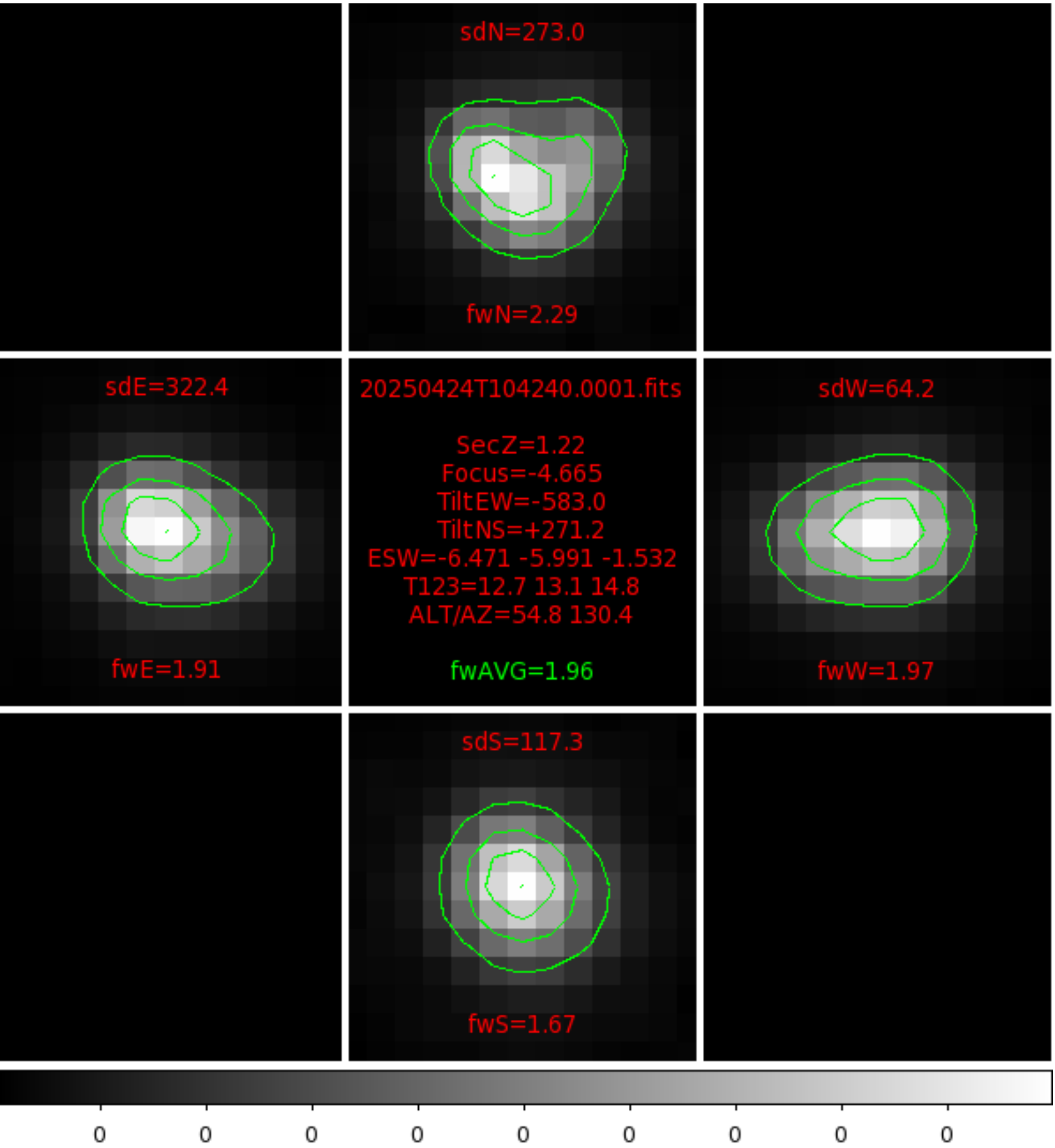
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sdE=322.4
fwE=1.91
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SecZ=1.22
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.7 13.1 14.8
ALT/AZ=54.8 130.4
fwAVG=1.96
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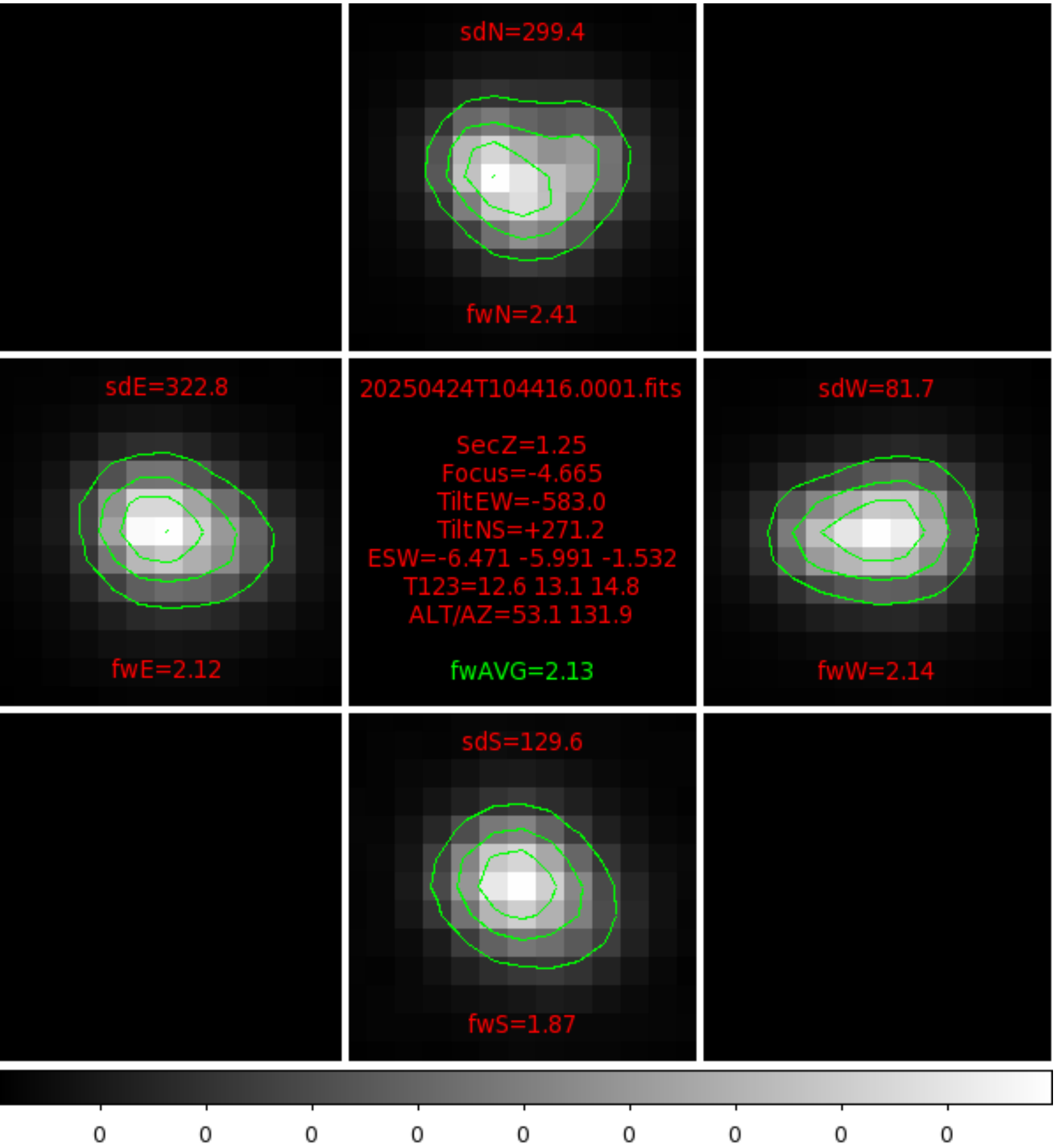
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SecZ=1.25
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 13.1 14.8
ALT/AZ=53.1 131.9
fwAVG=2.13
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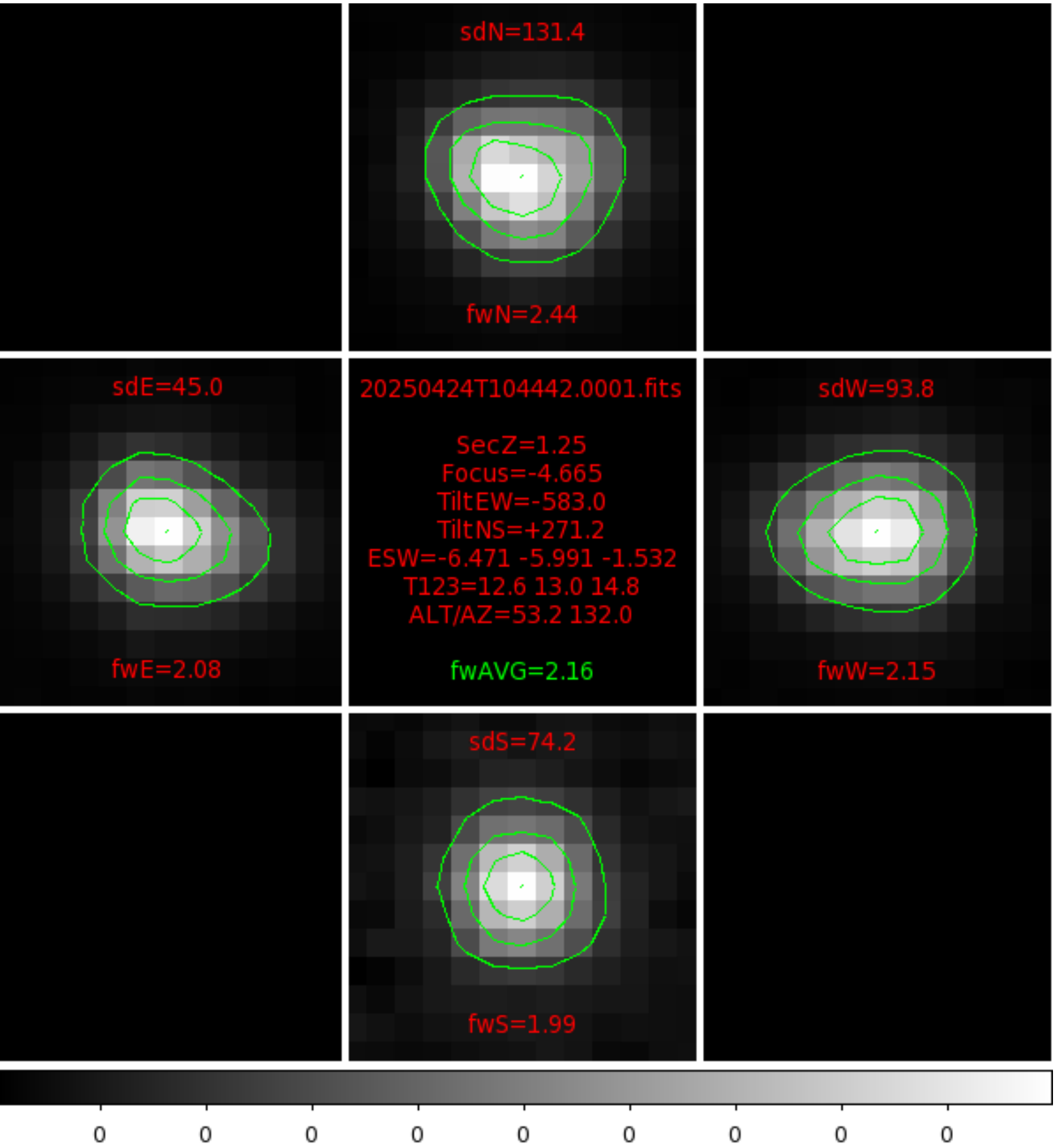
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20250424T104442.0001.fits
SecZ=1.25
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 13.0 14.8
ALT/AZ=53.2 132.0
fwAVG=2.16
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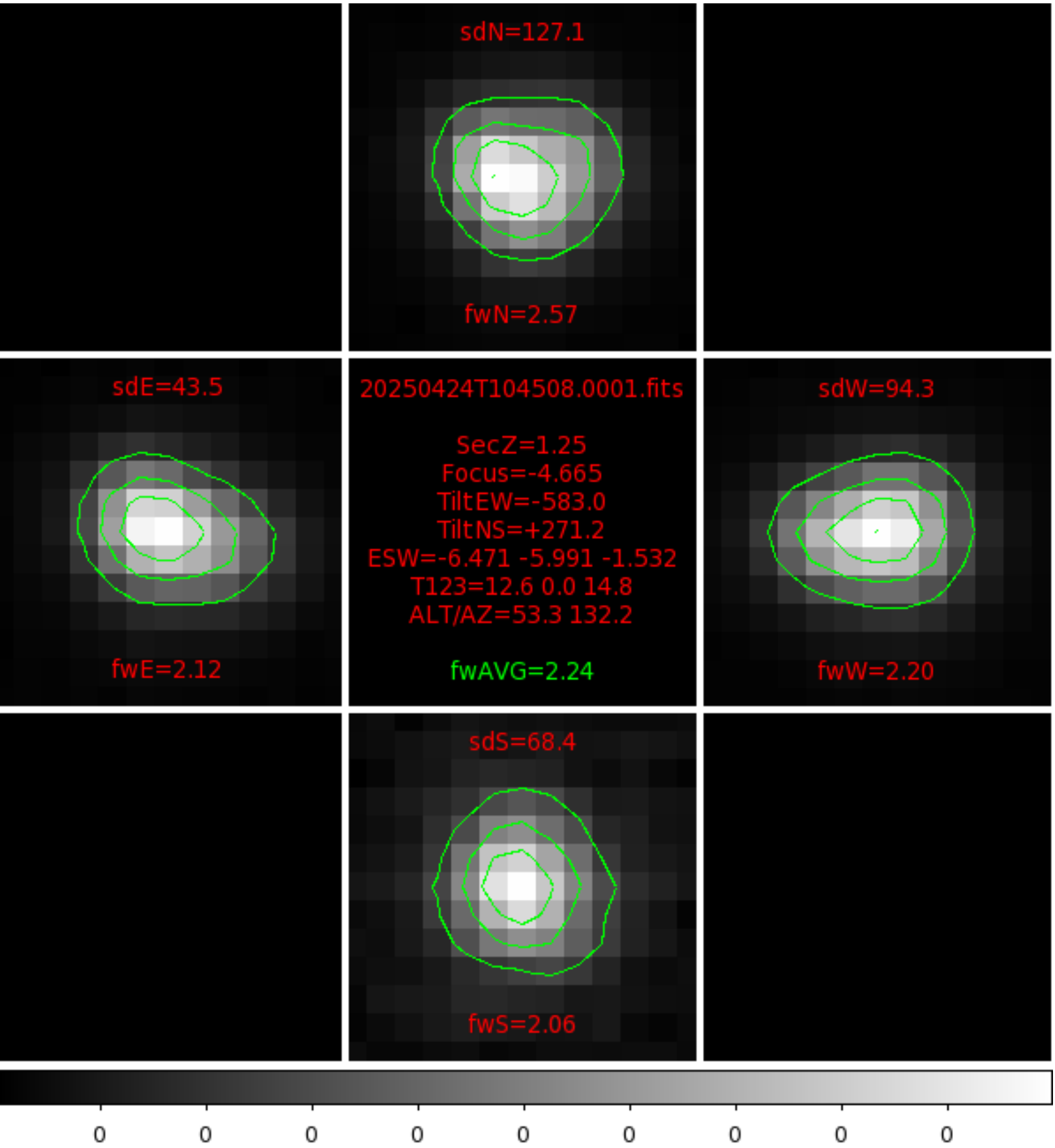
sdN=127.1
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fwE=2.12
20250424T104508.0001.fits
SecZ=1.25
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 0.0 14.8
ALT/AZ=53.3 132.2
fwAVG=2.24
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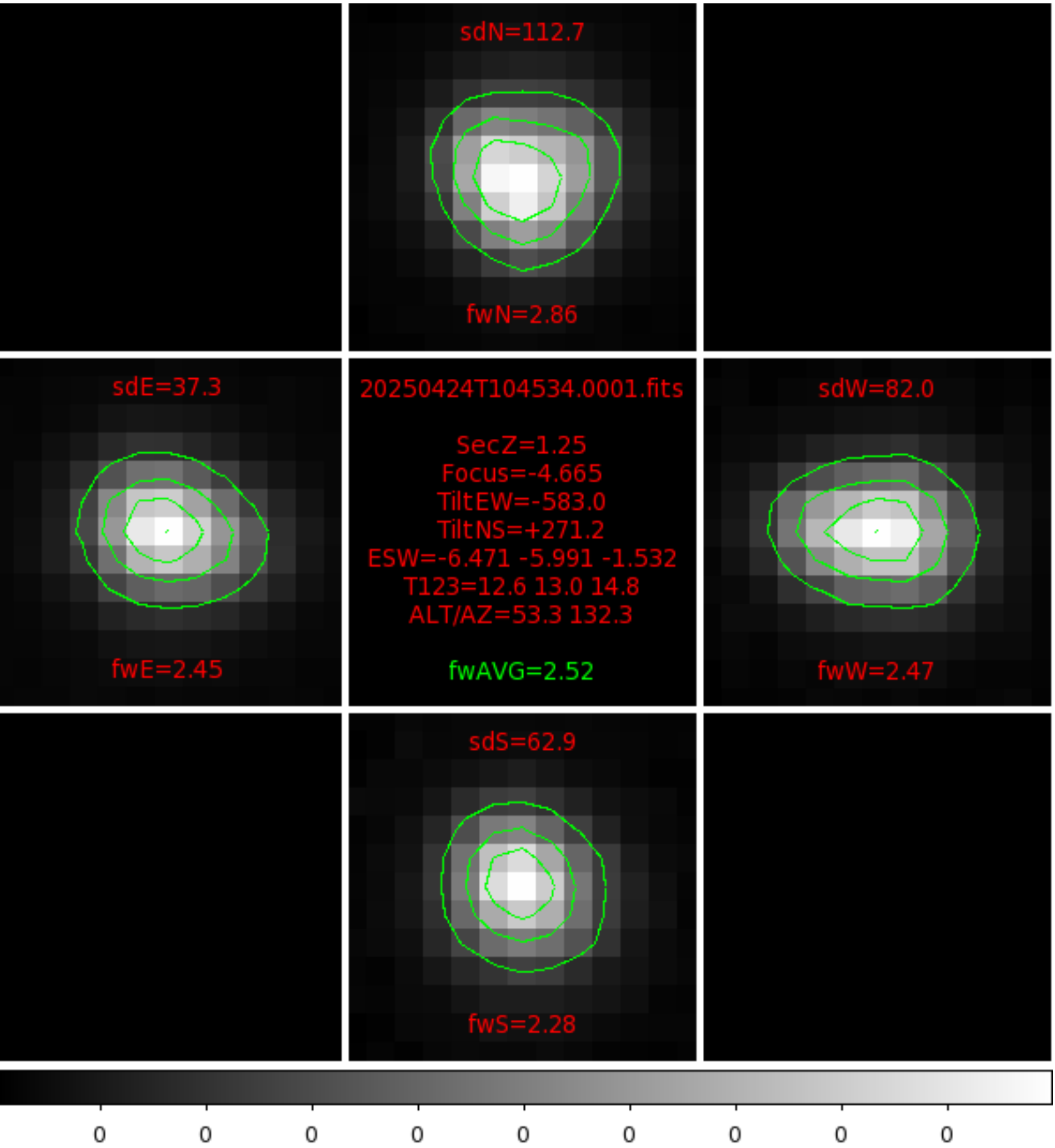
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SecZ=1.25
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 13.0 14.8
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fwAVG=2.52
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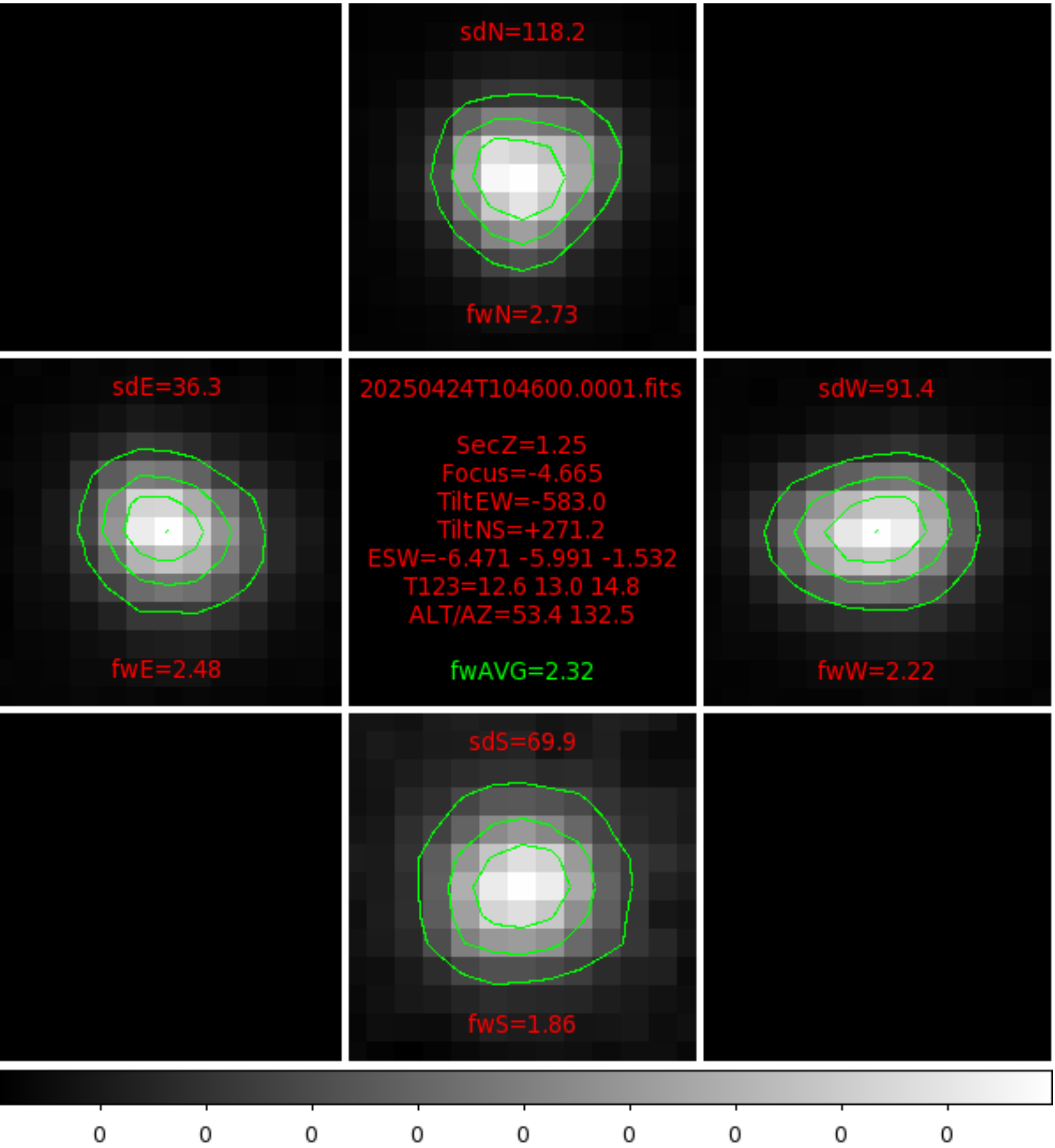
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SecZ=1.25
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 13.0 14.8
ALT/AZ=53.4 132.5
fwAVG=2.32
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sdS=69.9
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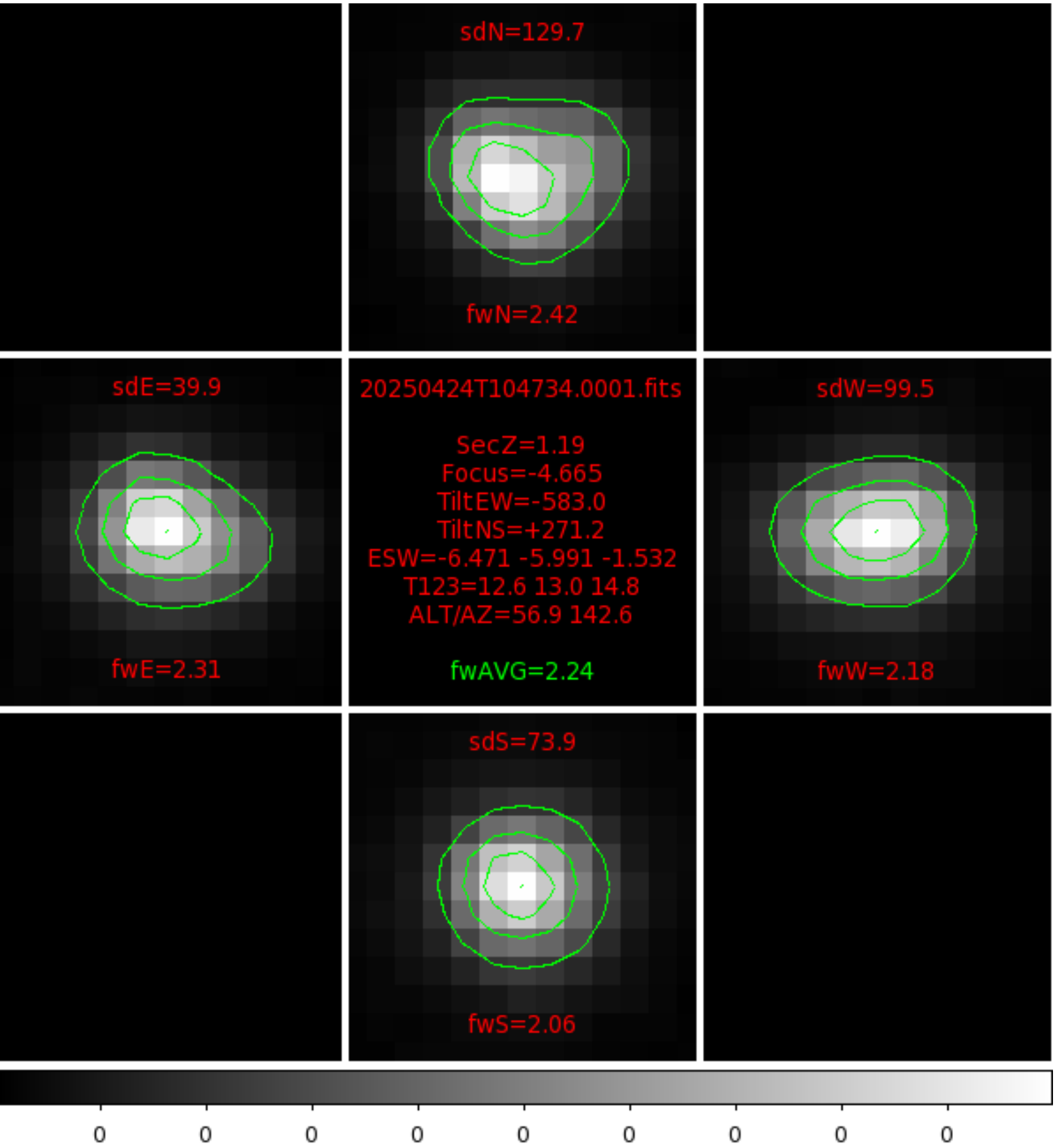
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fwE=2.31
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SecZ=1.19
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 13.0 14.8
ALT/AZ=56.9 142.6
fwAVG=2.24
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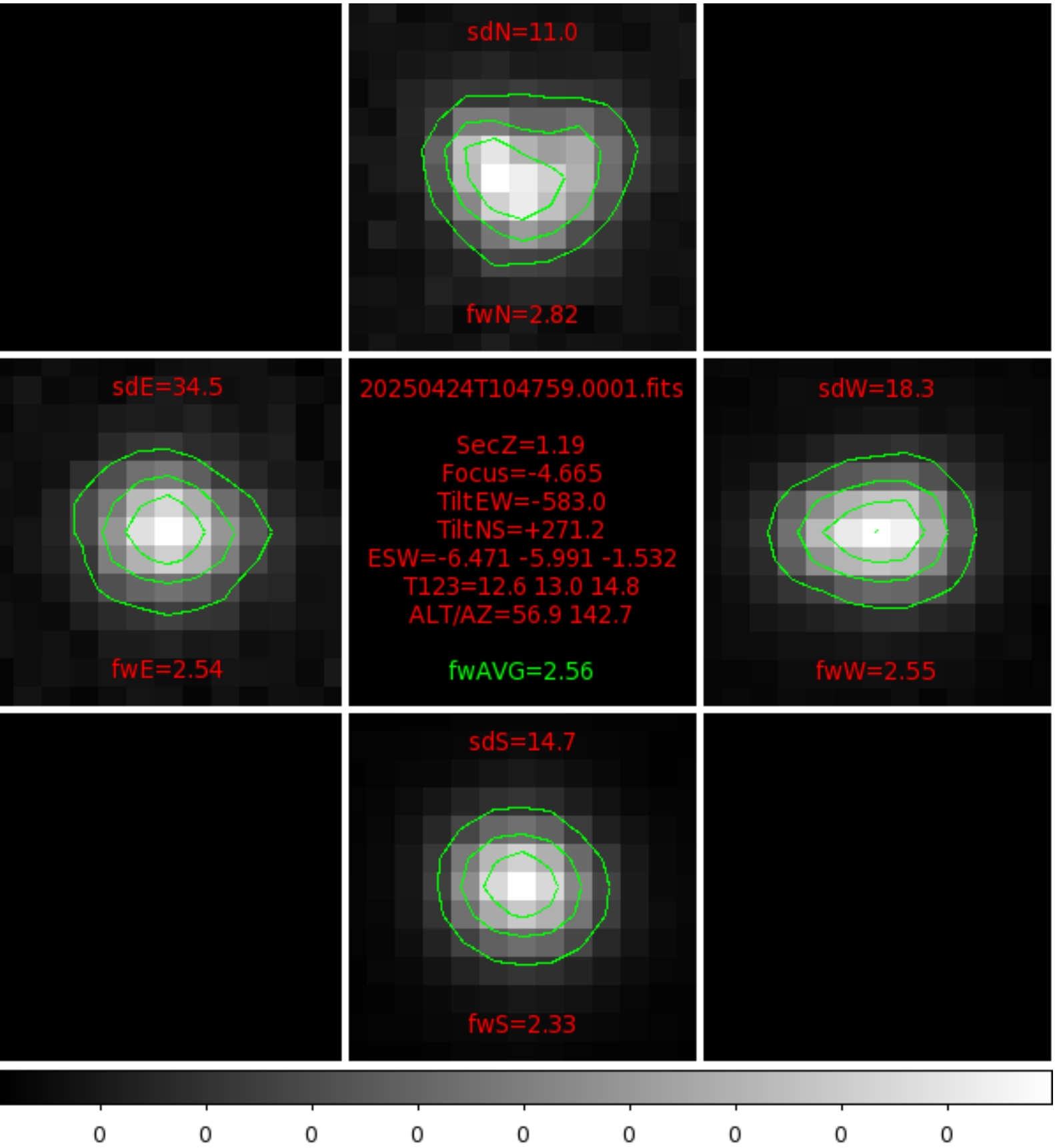
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fwE=2.54
20250424T104759.0001.fits
SecZ=1.19
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 13.0 14.8
ALT/AZ=56.9 142.7
fwAVG=2.56
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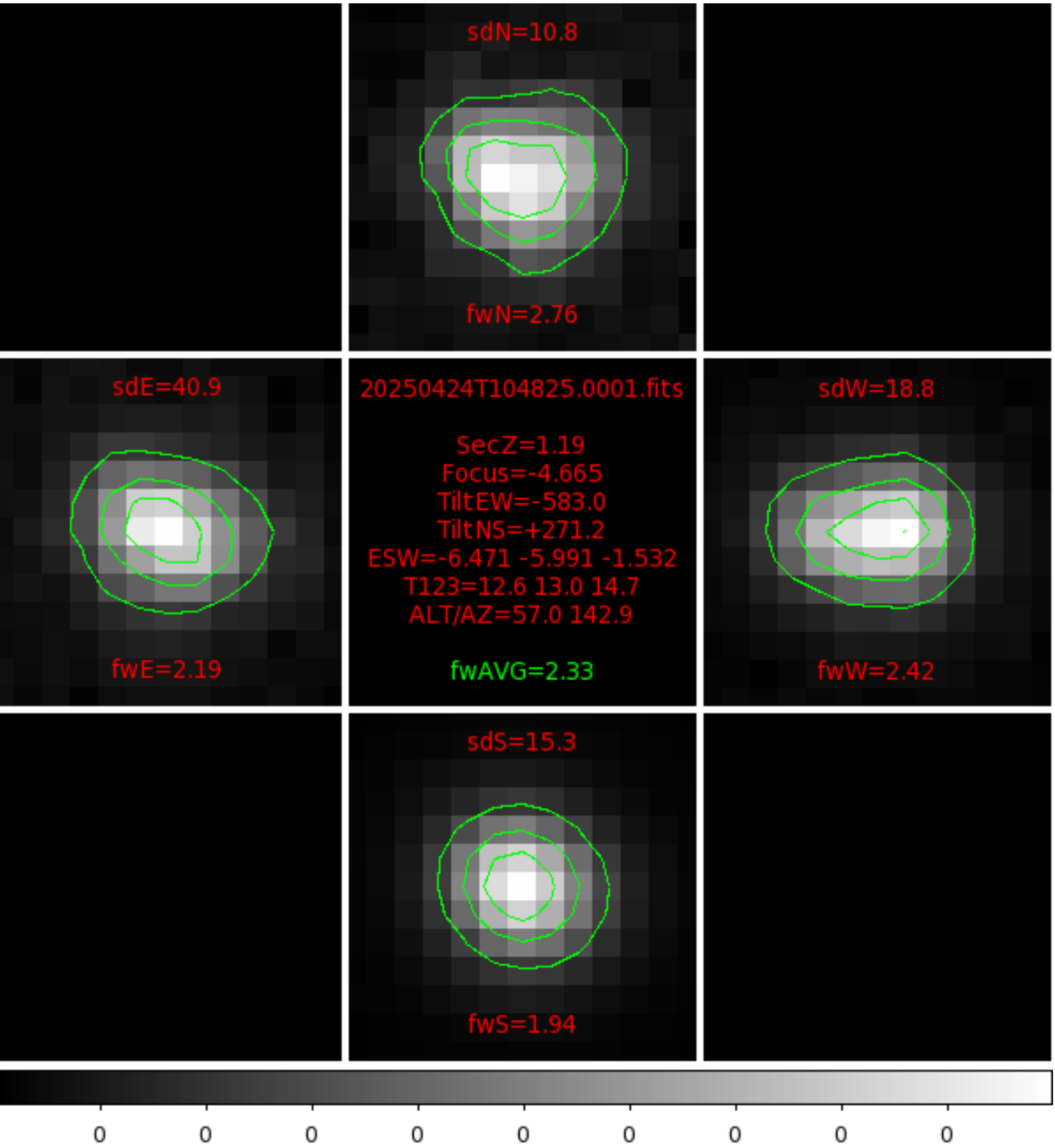
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fwE=2.19
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SecZ=1.19
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 13.0 14.7
ALT/AZ=57.0 142.9
fwAVG=2.33
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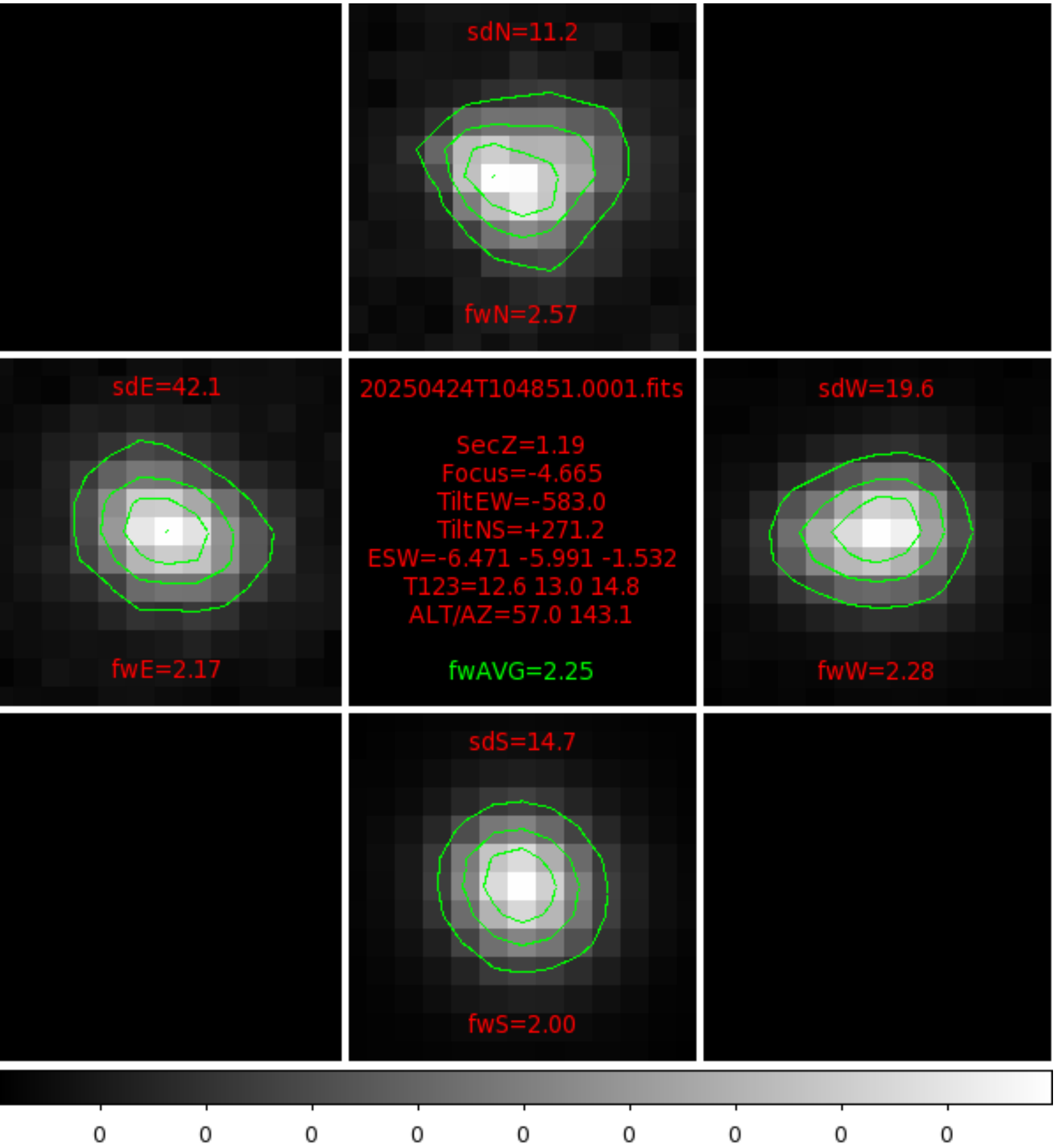
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SecZ=1.19
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 13.0 14.8
ALT/AZ=57.0 143.1
fwAVG=2.25
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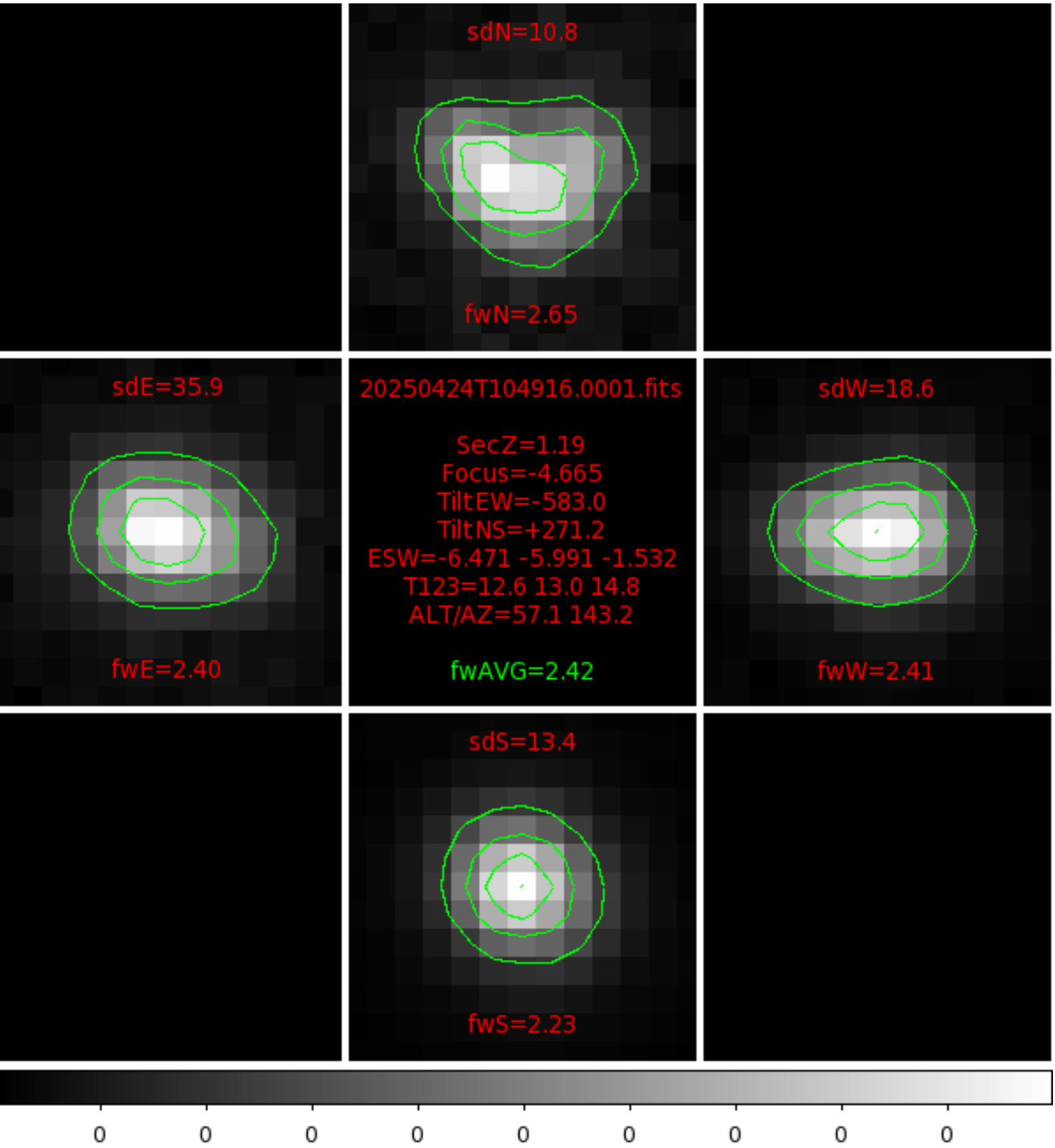
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fwN=2.65
sdE=35.9
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SecZ=1.19
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 13.0 14.8
ALT/AZ=57.1 143.2
fwAVG=2.42
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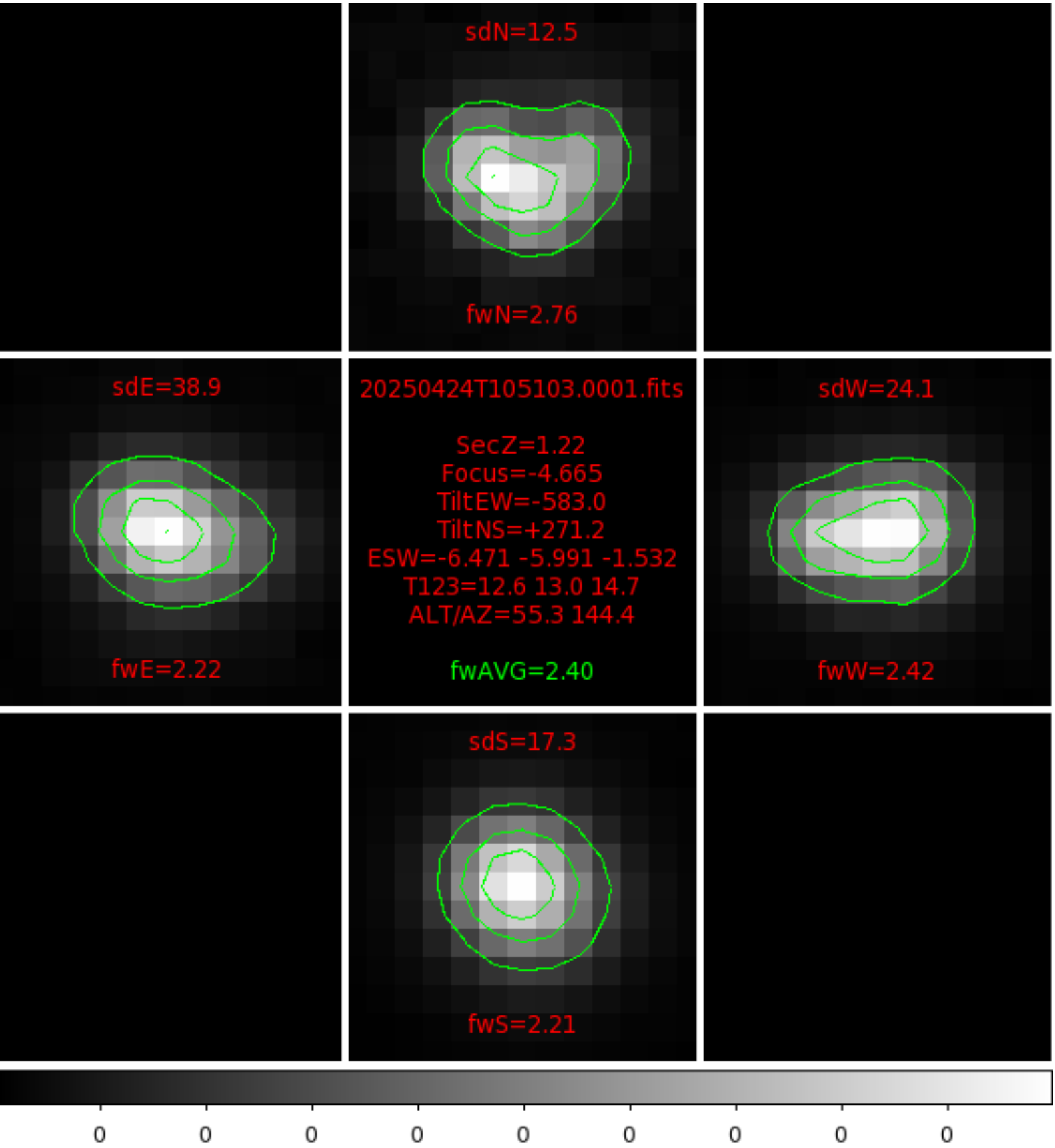
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TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 13.0 14.7
ALT/AZ=55.3 144.4
fwAVG=2.40
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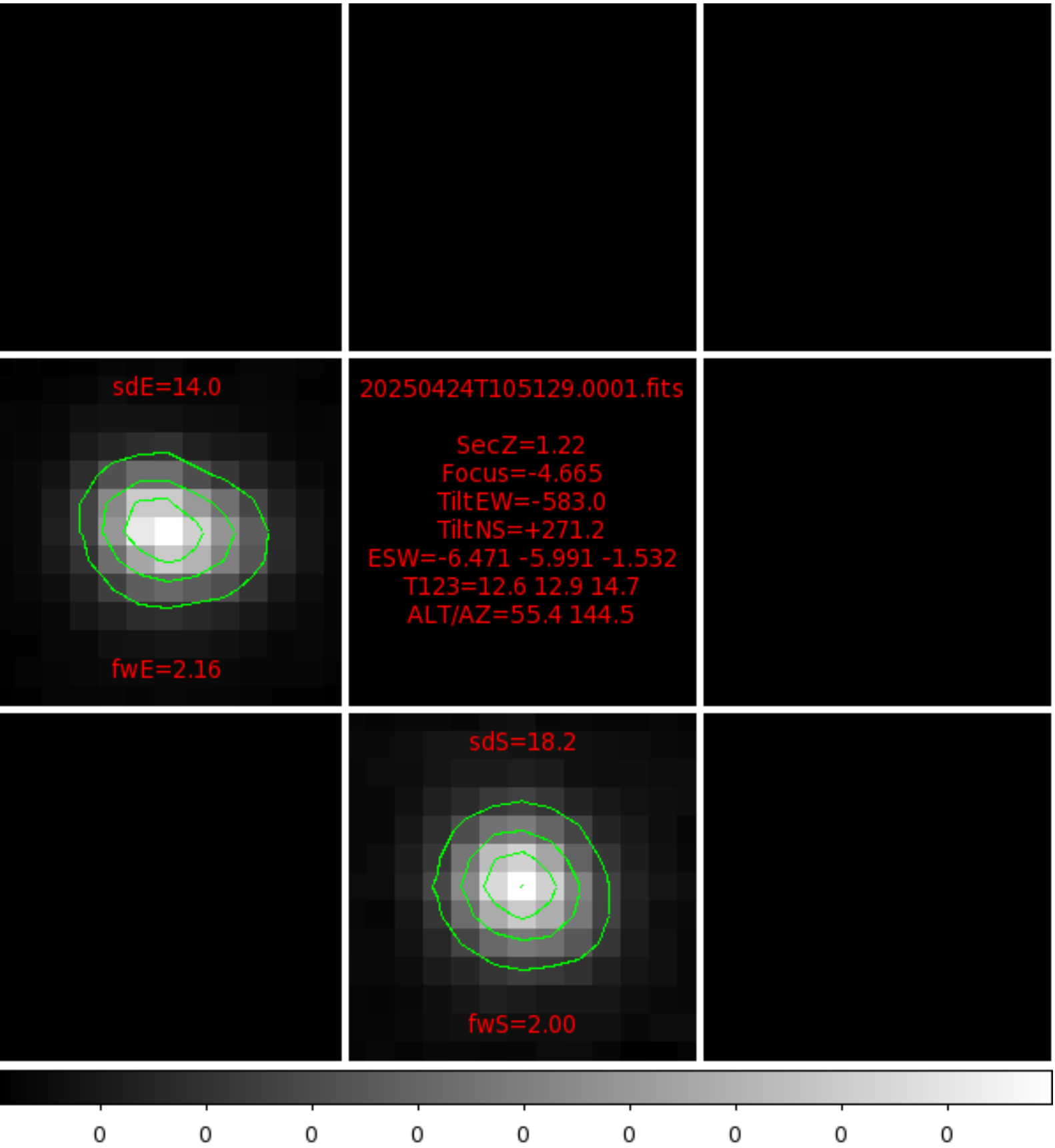
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SecZ=1.22
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.6 12.9 14.7
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sdS=18.2
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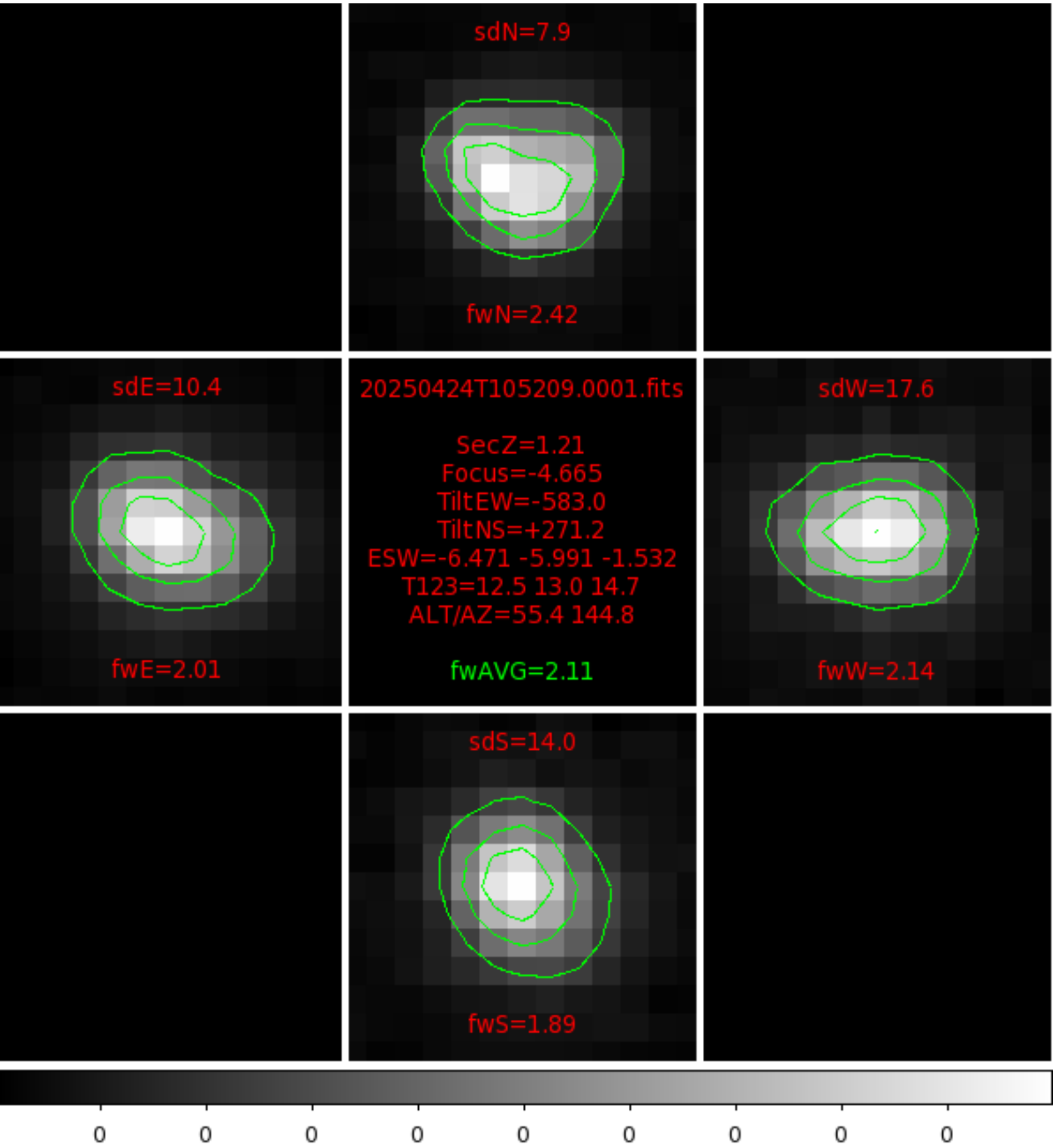
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20250424T105209.0001.fits
SecZ=1.21
Focus=-4.665
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.471 -5.991 -1.532
T123=12.5 13.0 14.7
ALT/AZ=55.4 144.8
fwAVG=2.11
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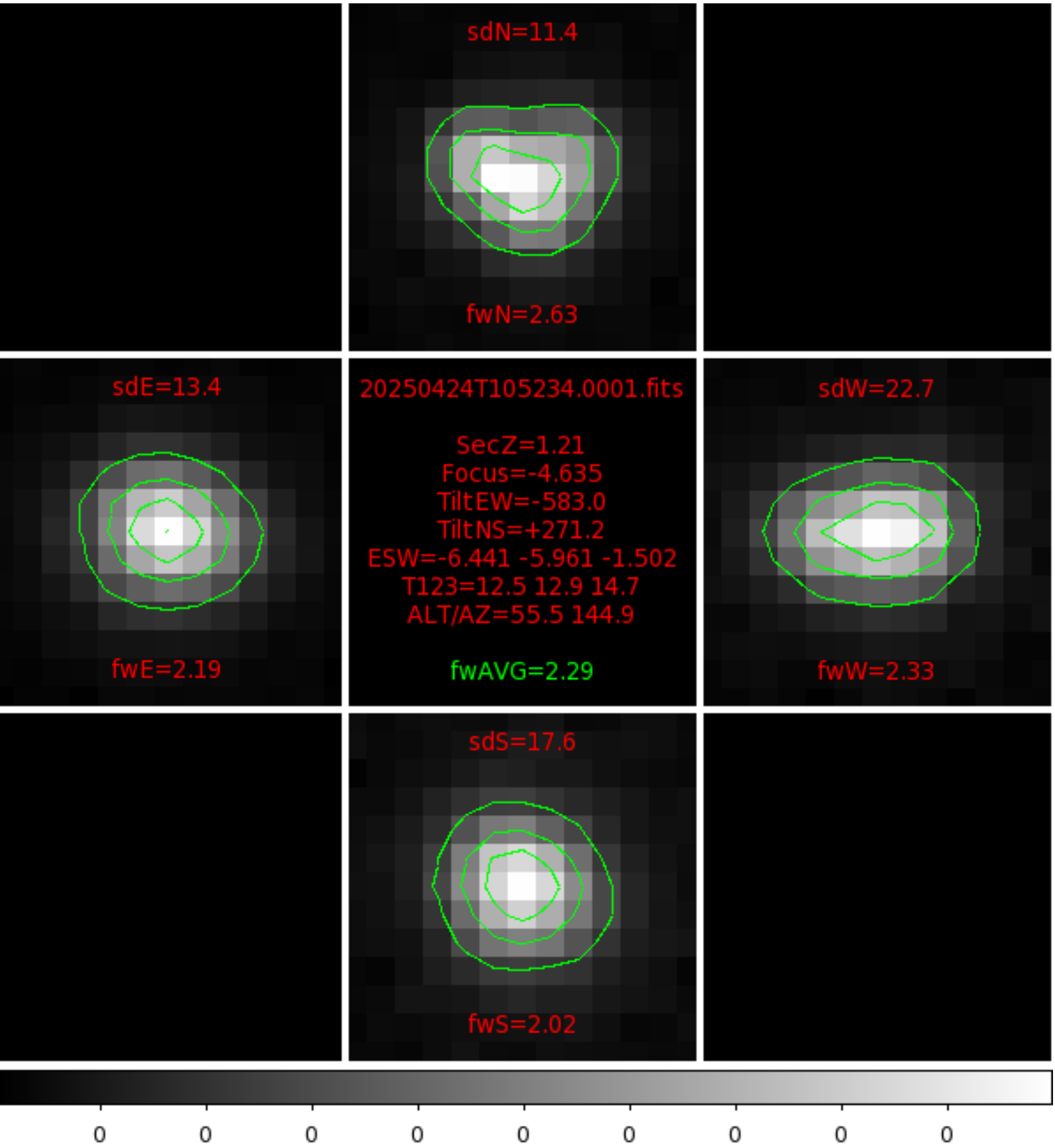
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sdE=13.4
fwE=2.19
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SecZ=1.21
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.5 12.9 14.7
ALT/AZ=55.5 144.9
fwAVG=2.29
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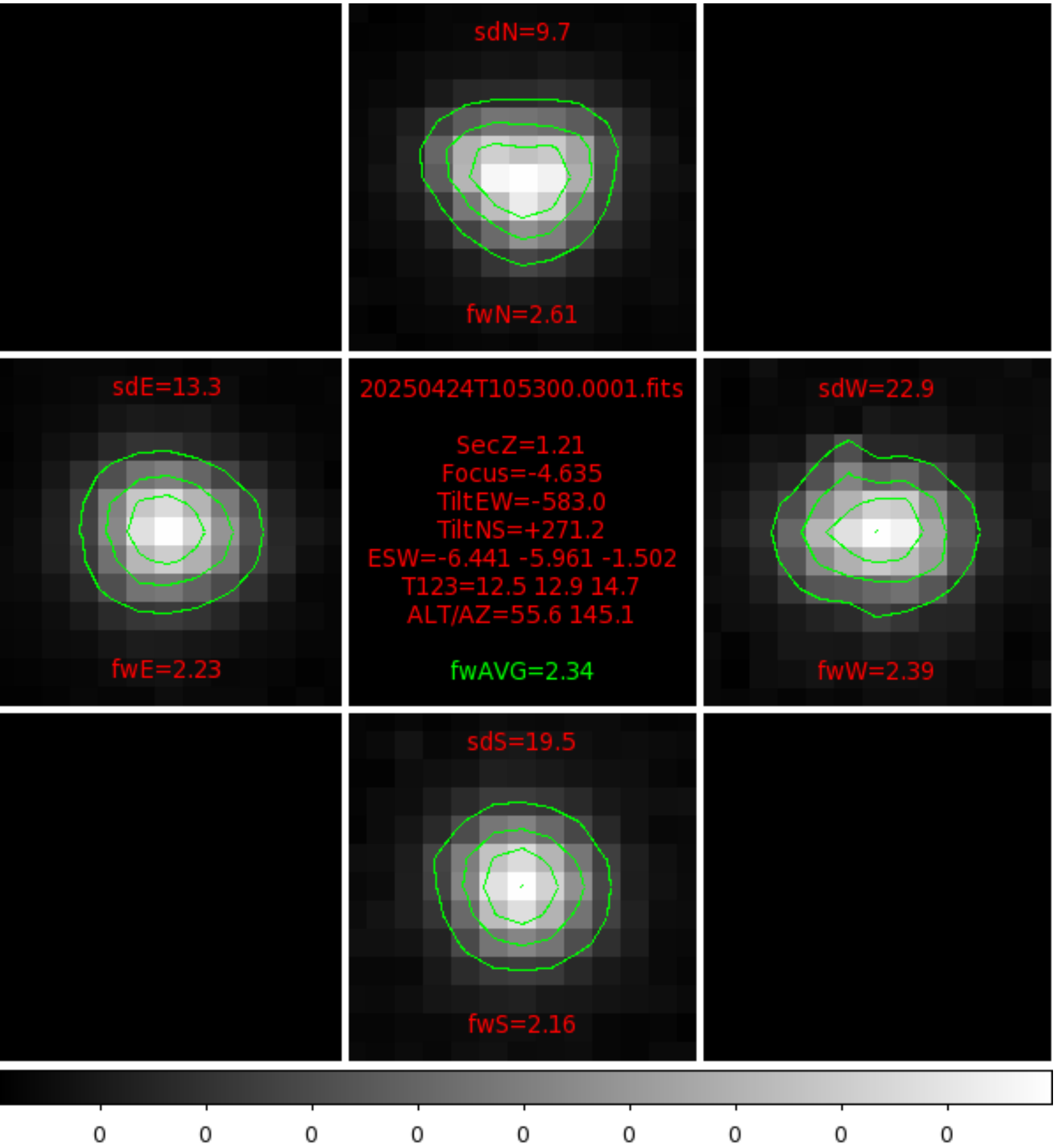
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sdE=13.3
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20250424T105300.0001.fits
SecZ=1.21
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.5 12.9 14.7
ALT/AZ=55.6 145.1
fwAVG=2.34
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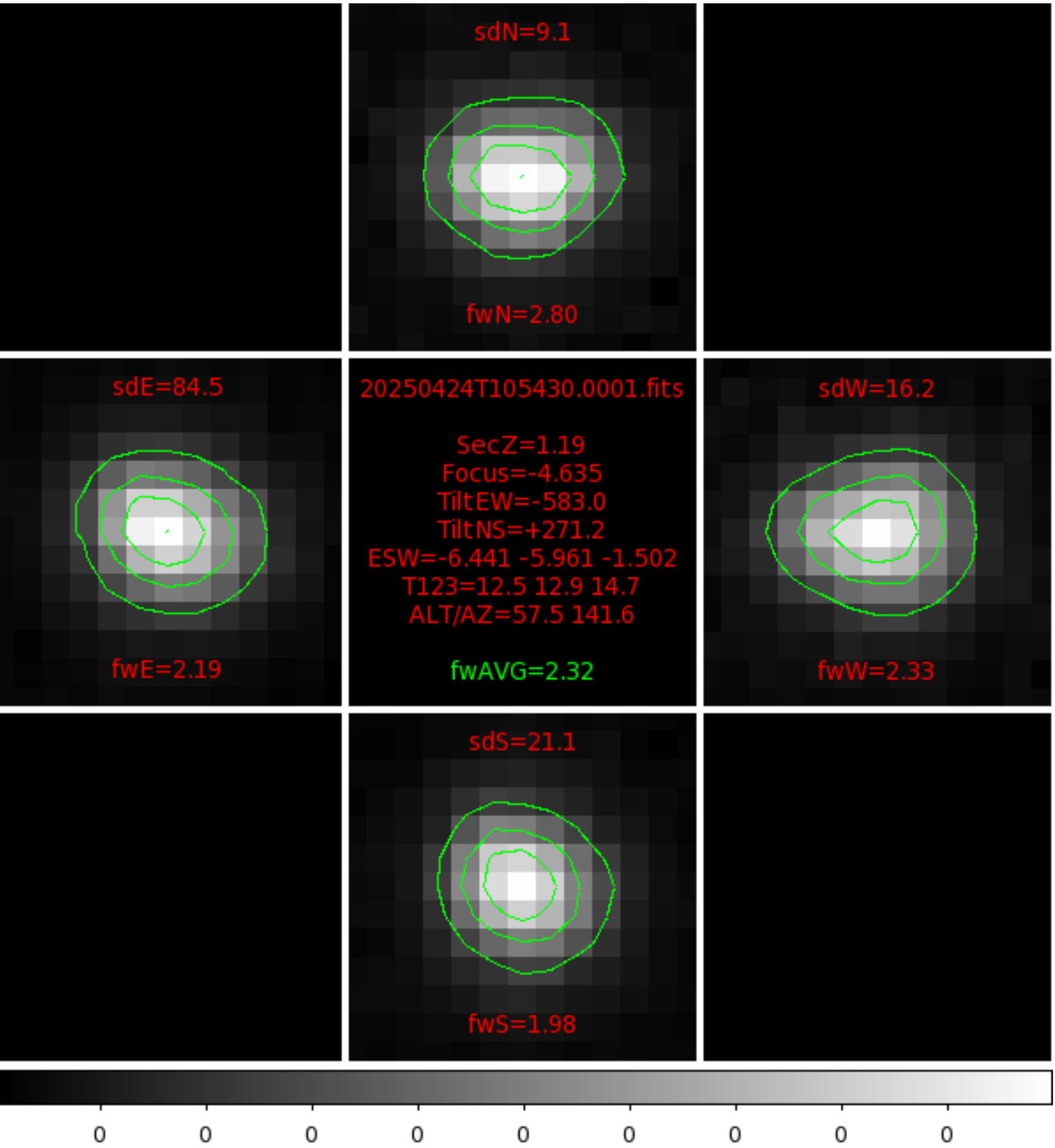
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SecZ=1.19
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.5 12.9 14.7
ALT/AZ=57.5 141.6
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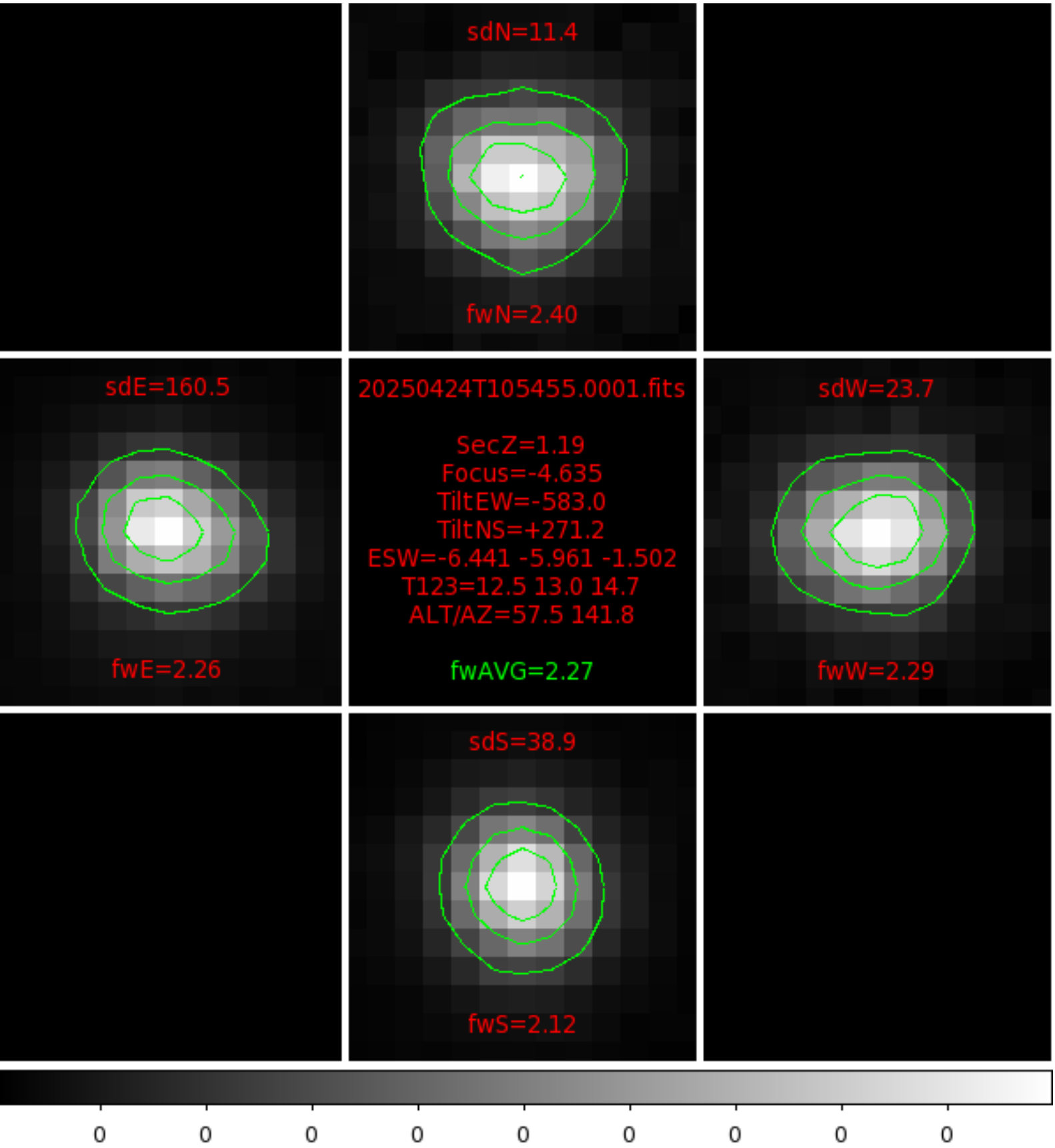
sdN=11.4
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sdE=160.5
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SecZ=1.19
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.5 13.0 14.7
ALT/AZ=57.5 141.8
fwAVG=2.27
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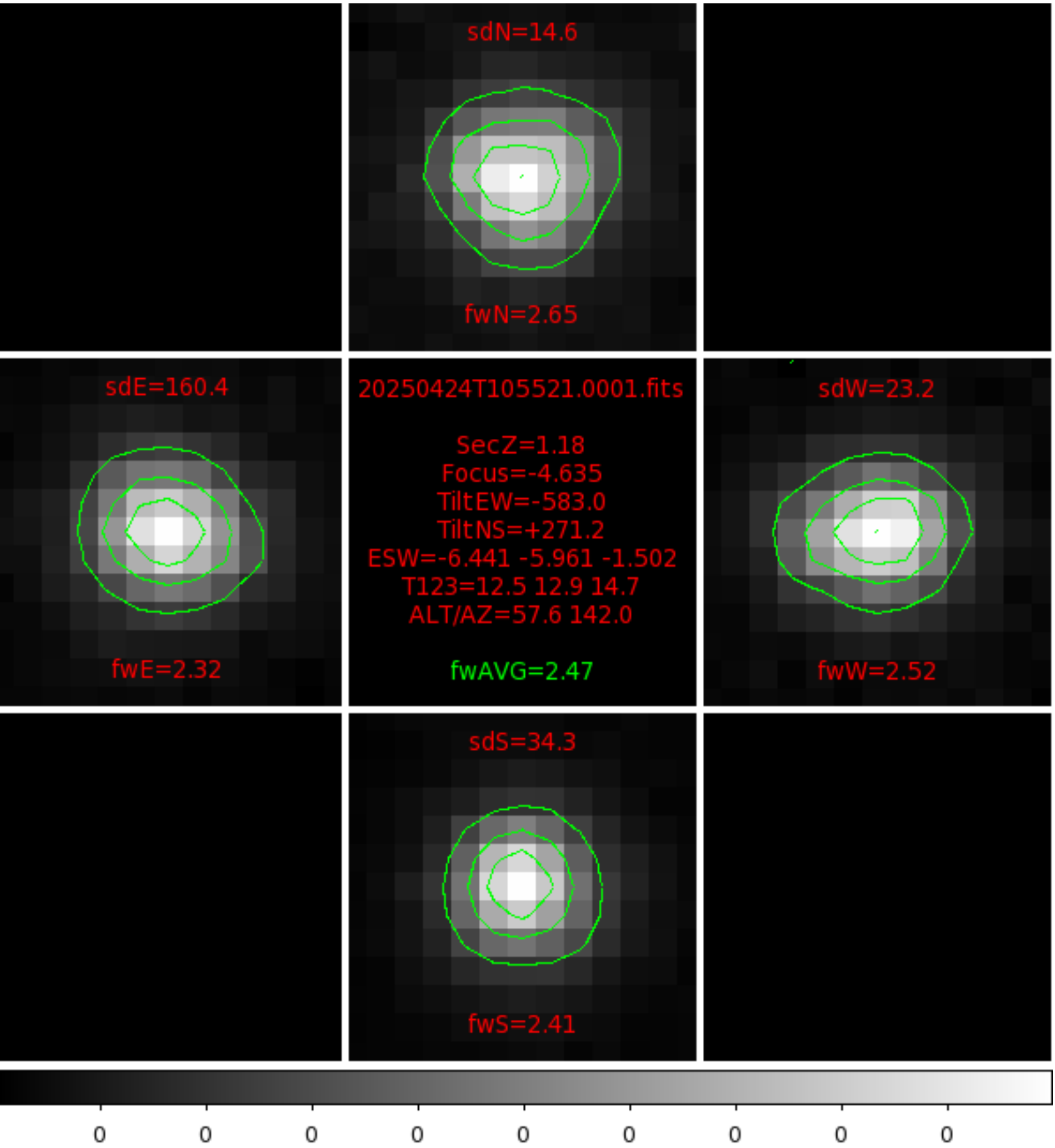
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sdE=160.4
fwE=2.32
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SecZ=1.18
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.5 12.9 14.7
ALT/AZ=57.6 142.0
fwAVG=2.47
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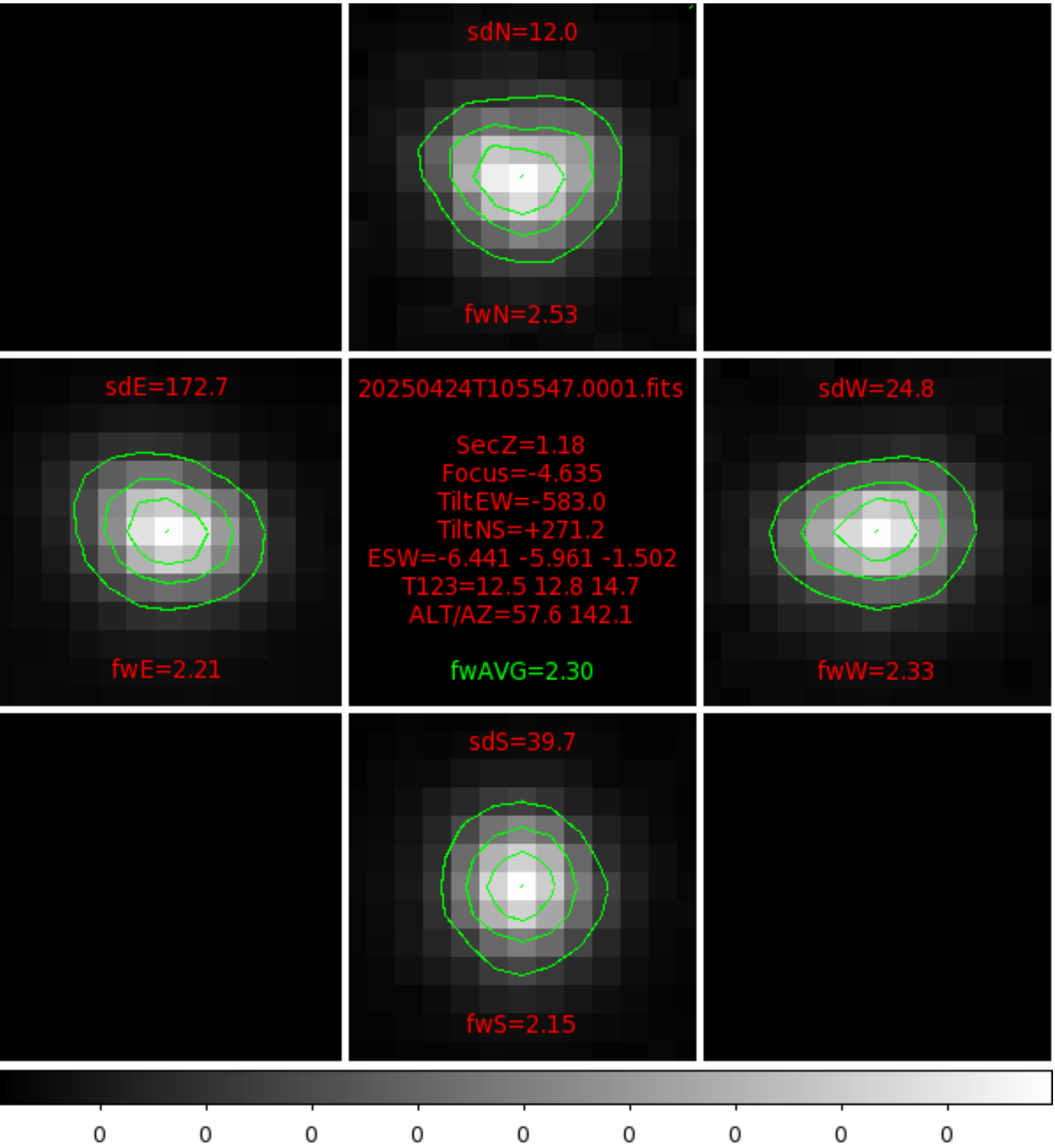
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SecZ=1.18
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.5 12.8 14.7
ALT/AZ=57.6 142.1
fwAVG=2.30
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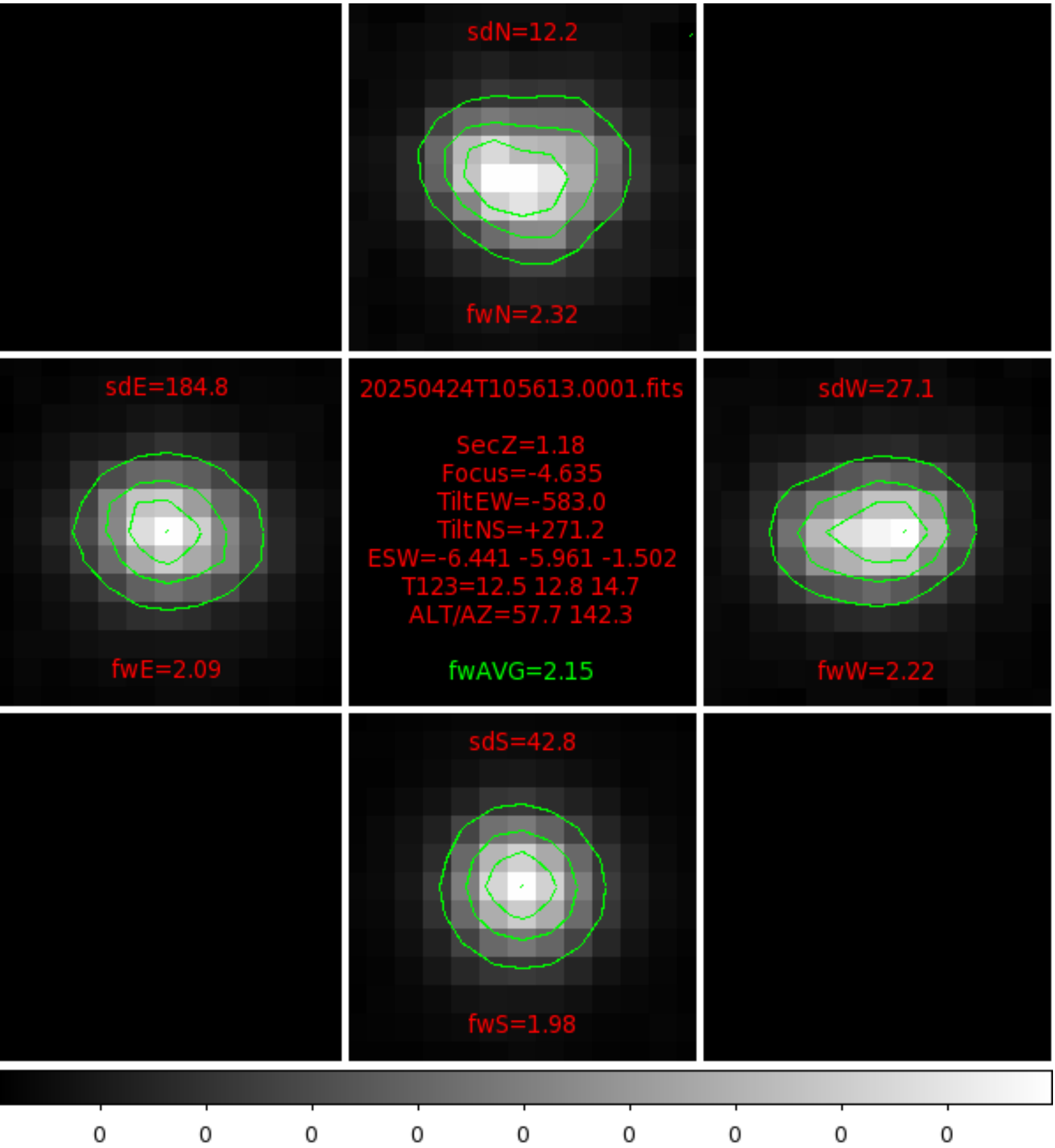
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sdE=184.8
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SecZ=1.18
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.5 12.8 14.7
ALT/AZ=57.7 142.3
fwAVG=2.15
sdW=27.1
fwW=2.22
sdS=42.8
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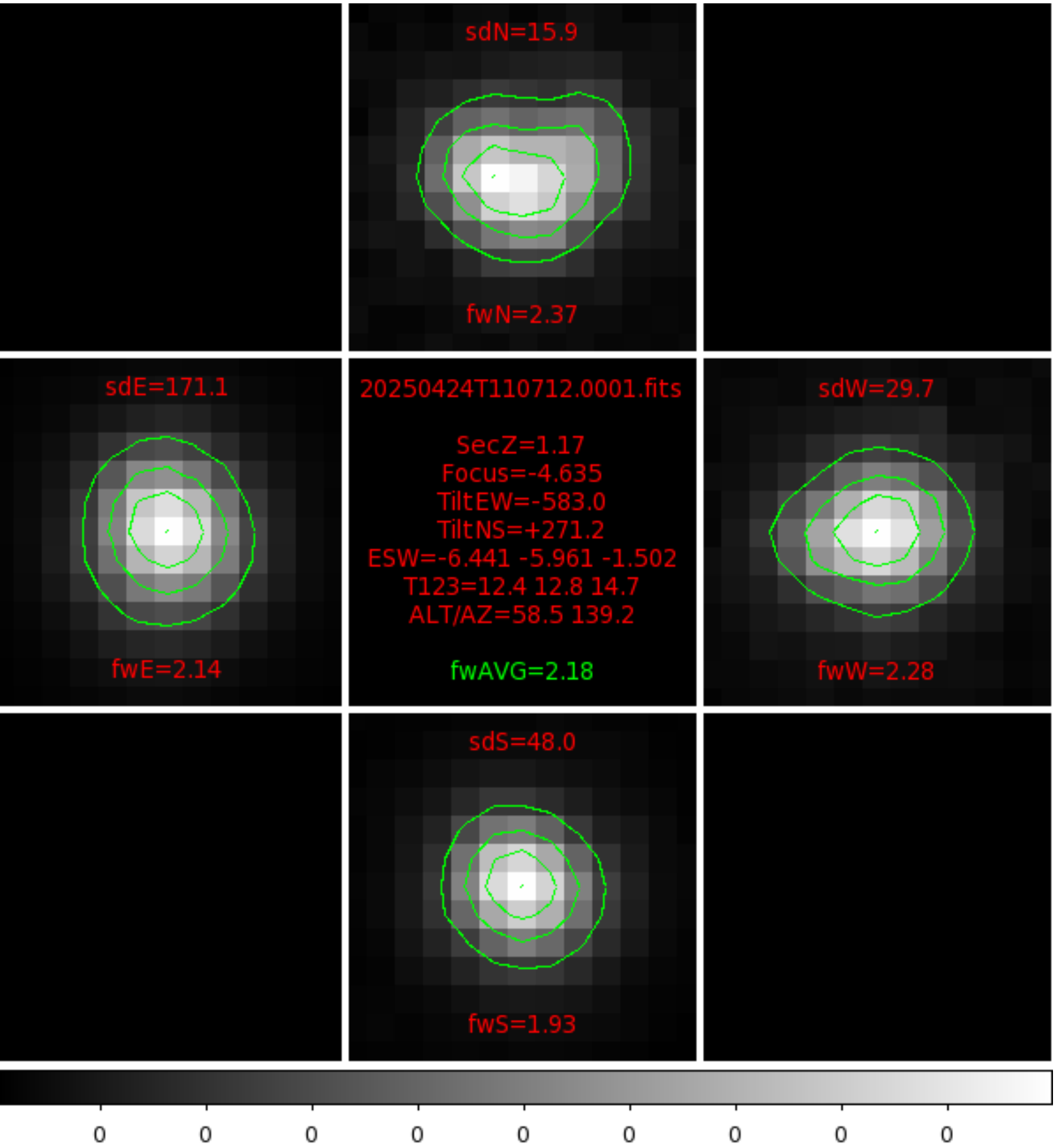
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TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.4 12.8 14.7
ALT/AZ=58.5 139.2
fwAVG=2.18
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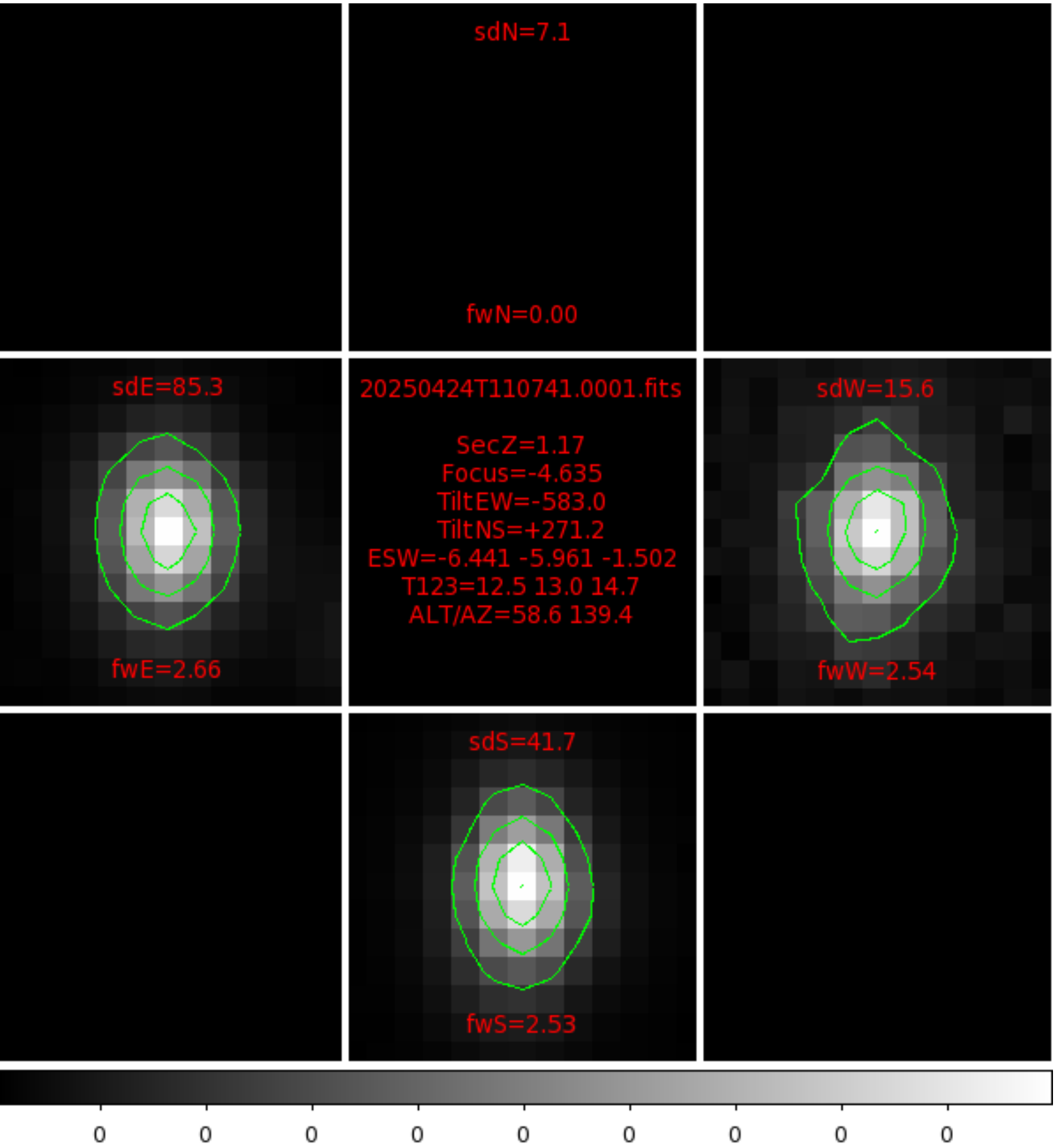
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TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
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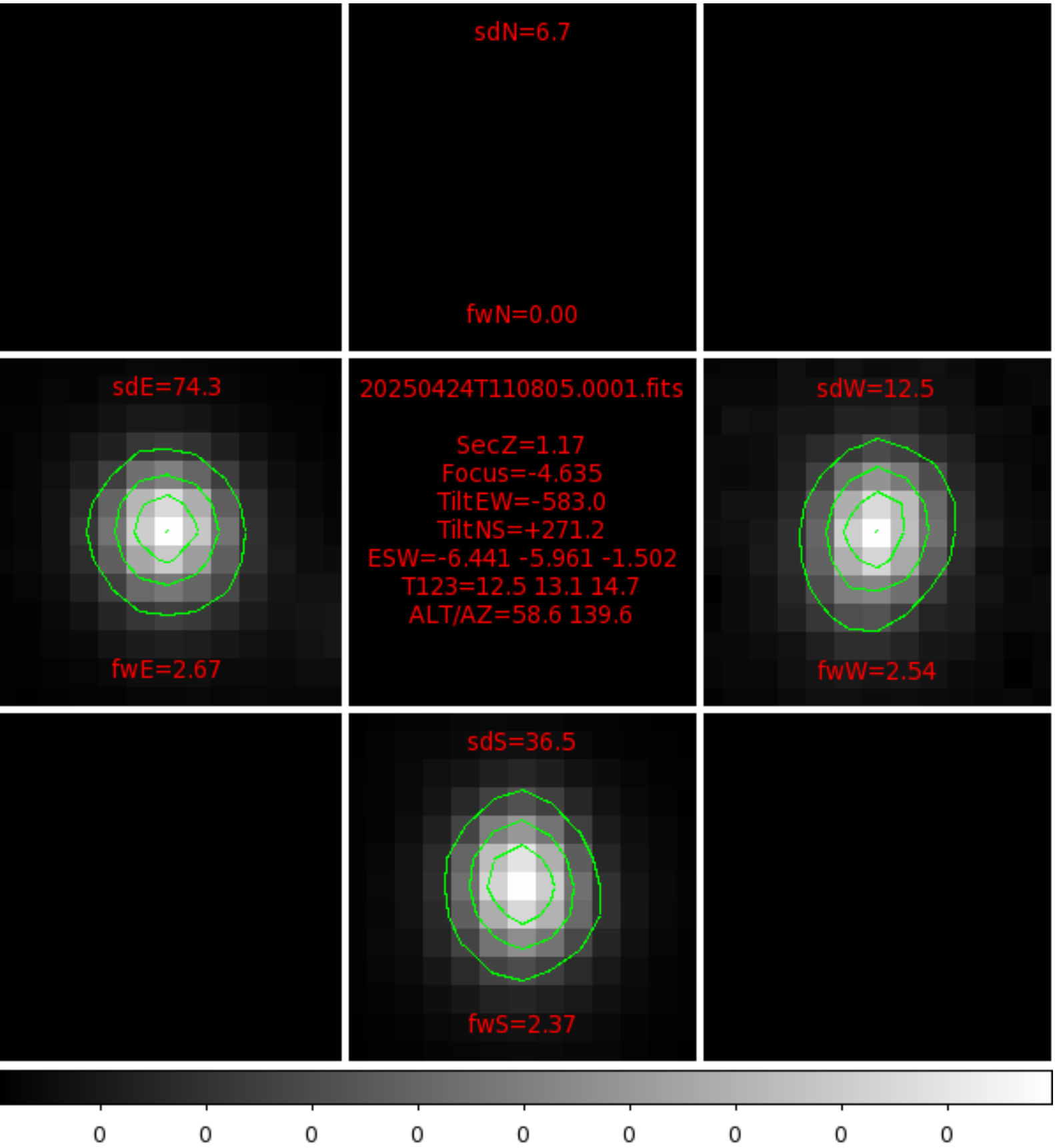
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TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.5 13.1 14.7
ALT/AZ=58.6 139.6
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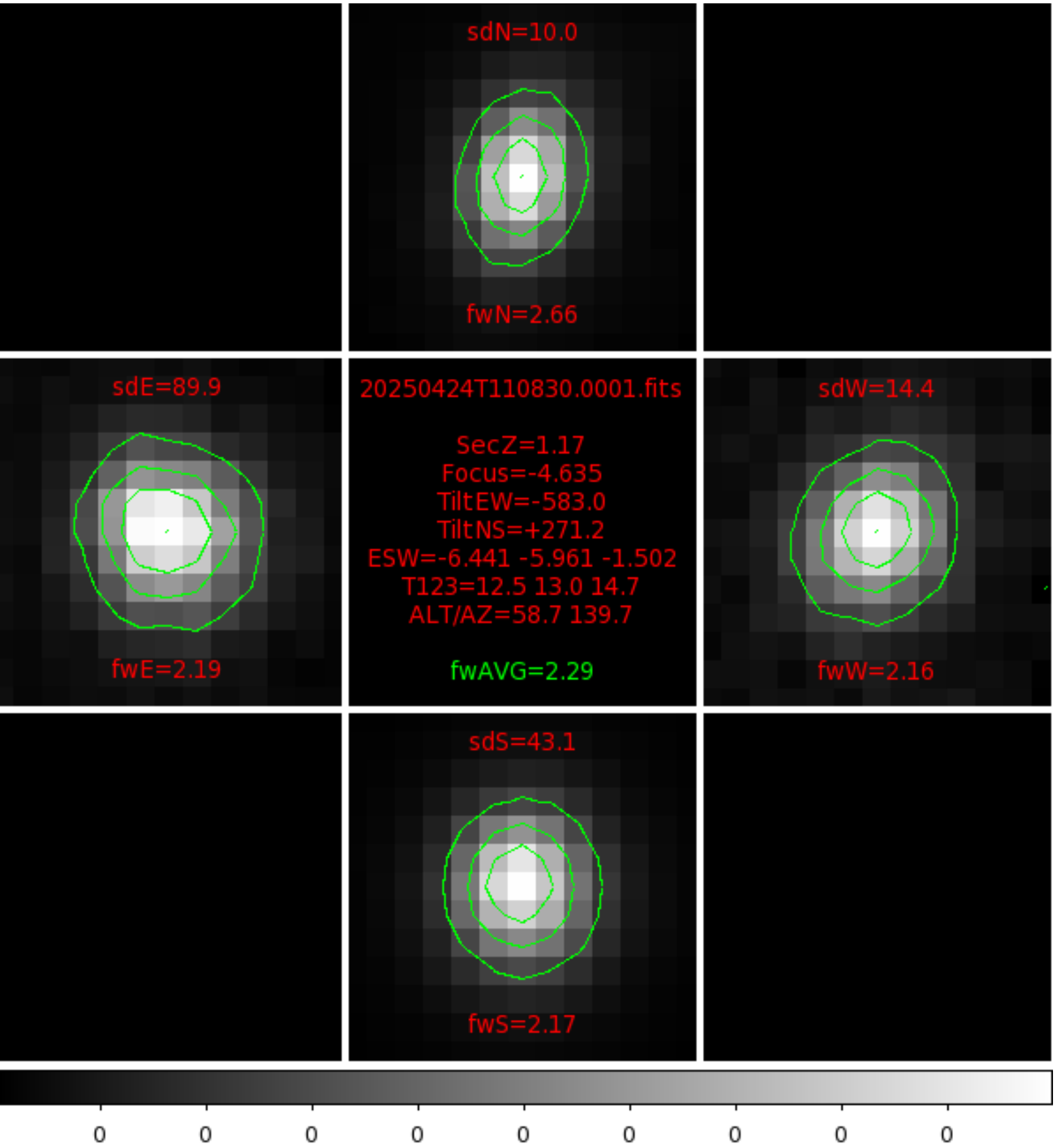
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SecZ=1.17
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.5 13.0 14.7
ALT/AZ=58.7 139.7
fwAVG=2.29
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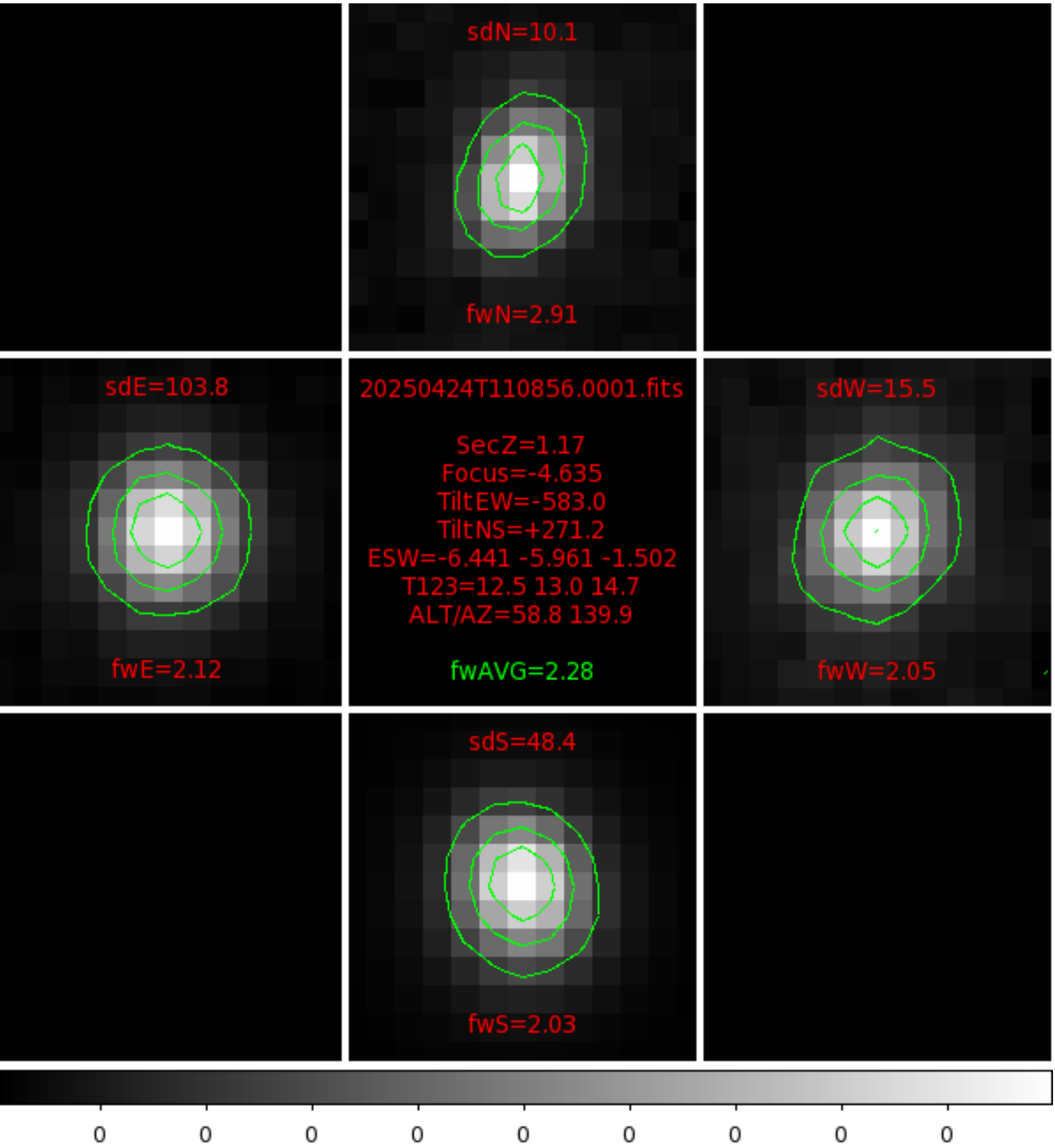
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TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.5 13.0 14.7
ALT/AZ=58.8 139.9
fwAVG=2.28
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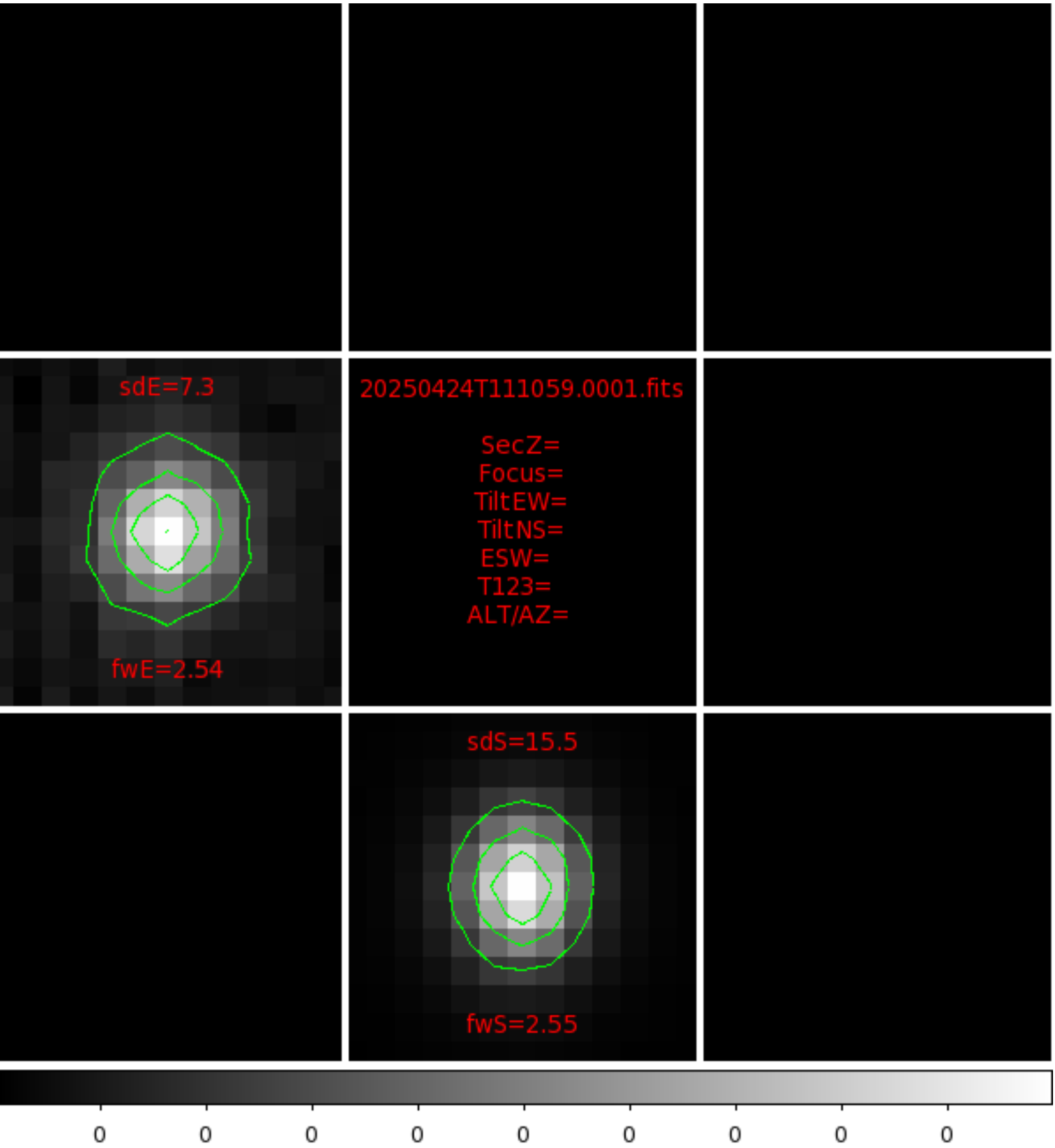
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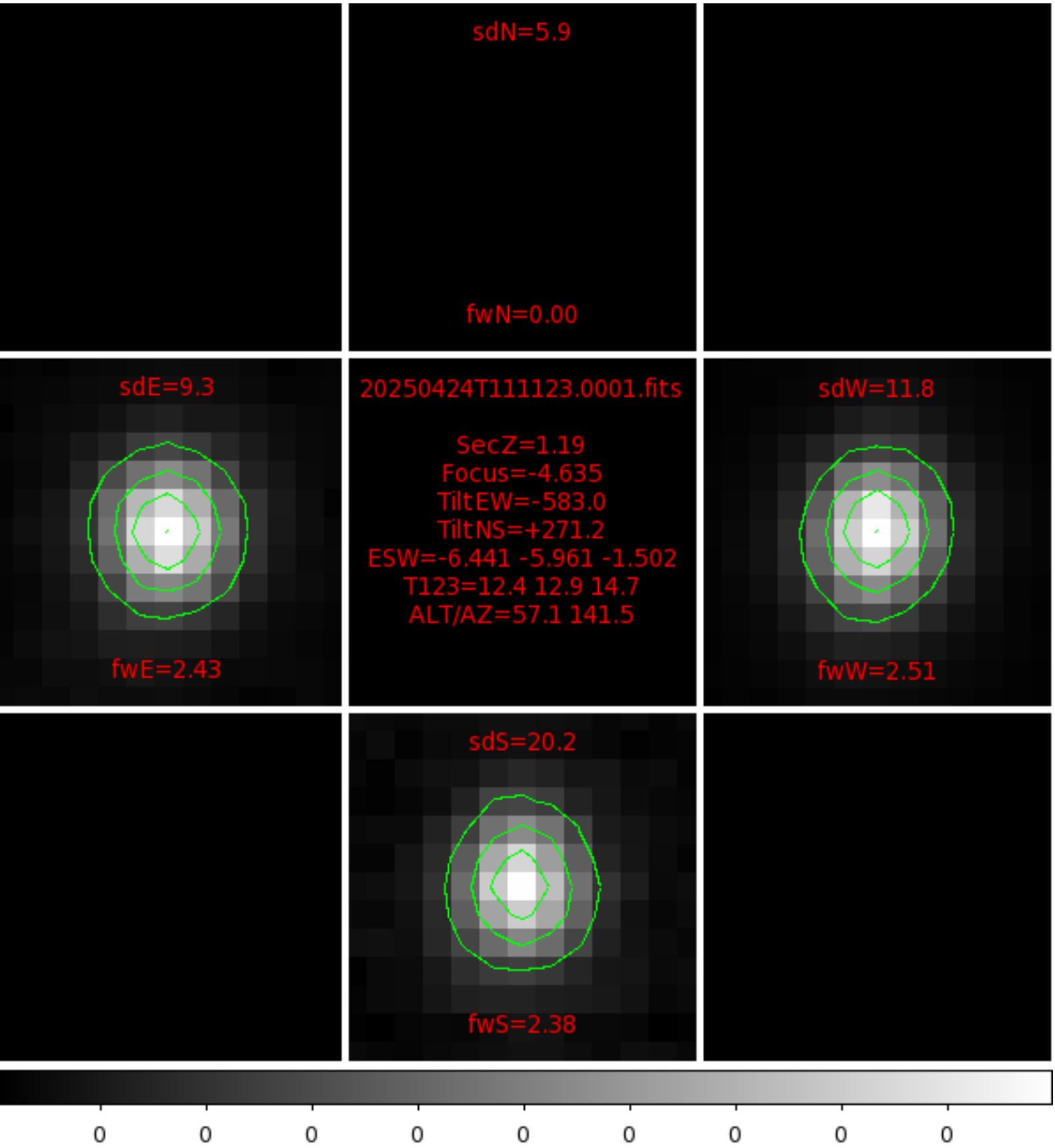
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SecZ=1.19
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.4 12.9 14.7
ALT/AZ=57.1 141.5
sdW=11.8
fwW=2.51
sdS=20.2
fwS=2.38
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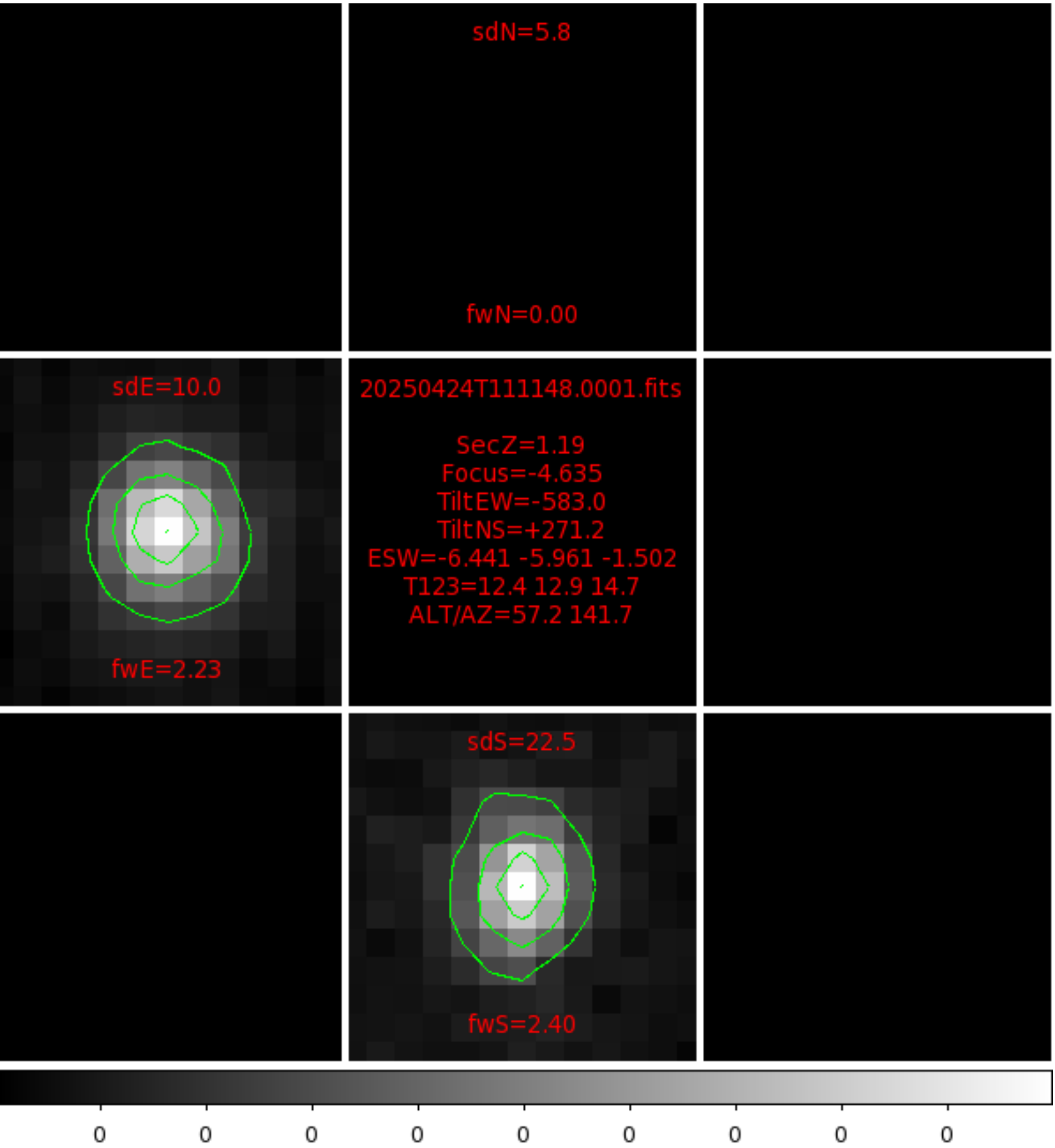
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fwE=2.23
20250424T111148.0001.fits
SecZ=1.19
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.4 12.9 14.7
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fwS=2.40
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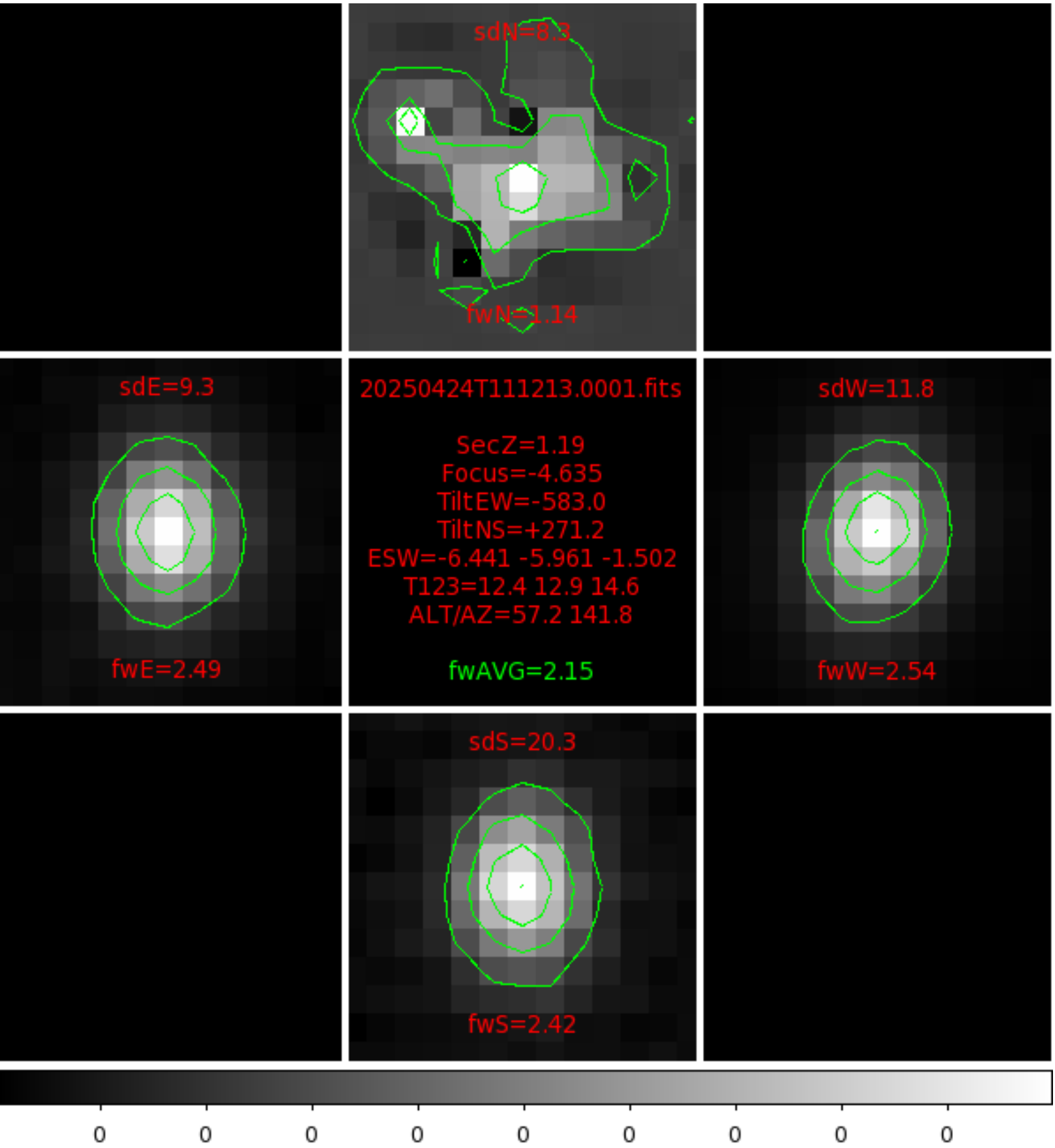
sdN=8.3
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sdE=9.3
fwE=2.49
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SecZ=1.19
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.4 12.9 14.6
ALT/AZ=57.2 141.8
fwAVG=2.15
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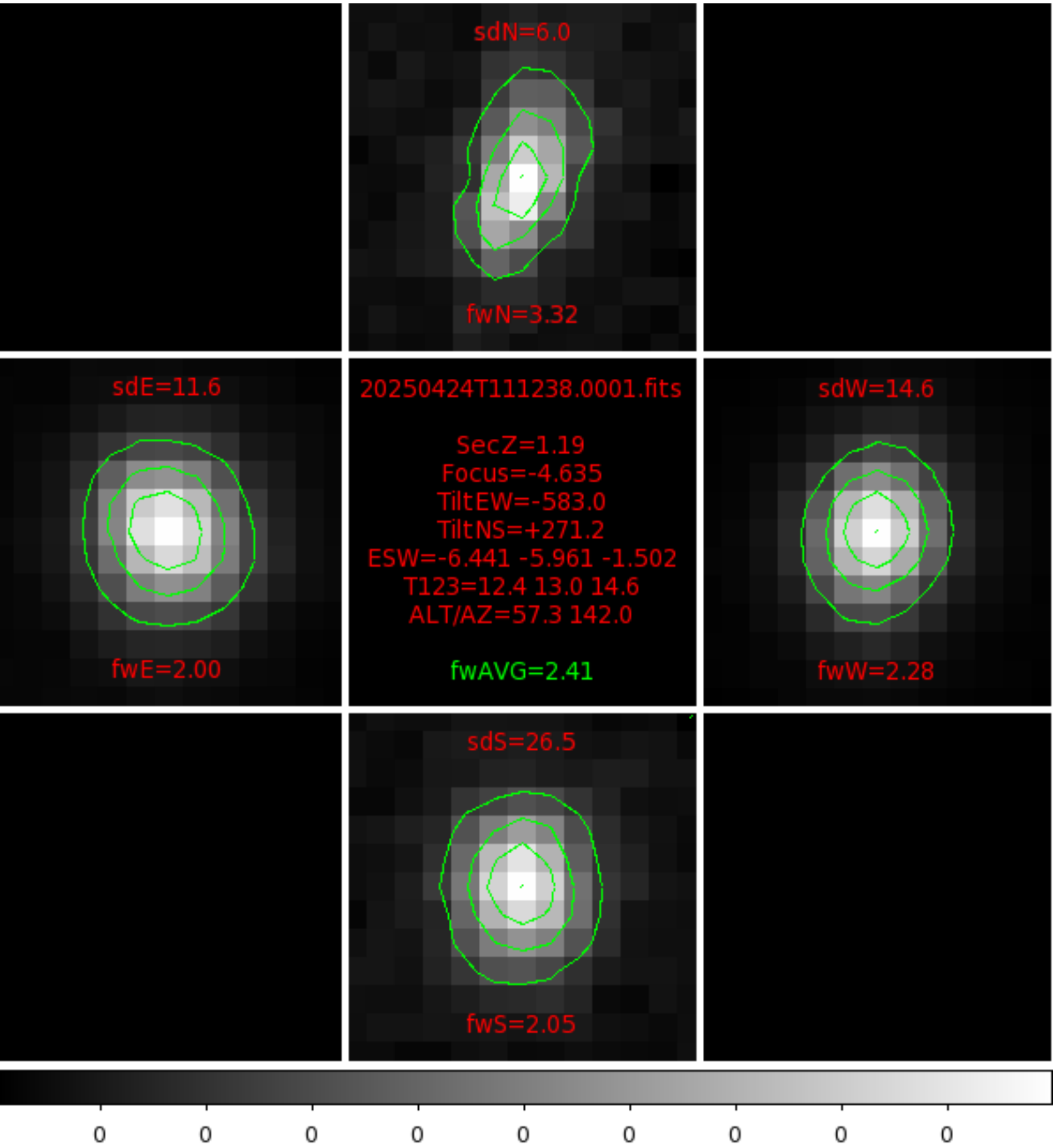
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fwE=2.00
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SecZ=1.19
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.4 13.0 14.6
ALT/AZ=57.3 142.0
fwAVG=2.41
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sdS=26.5
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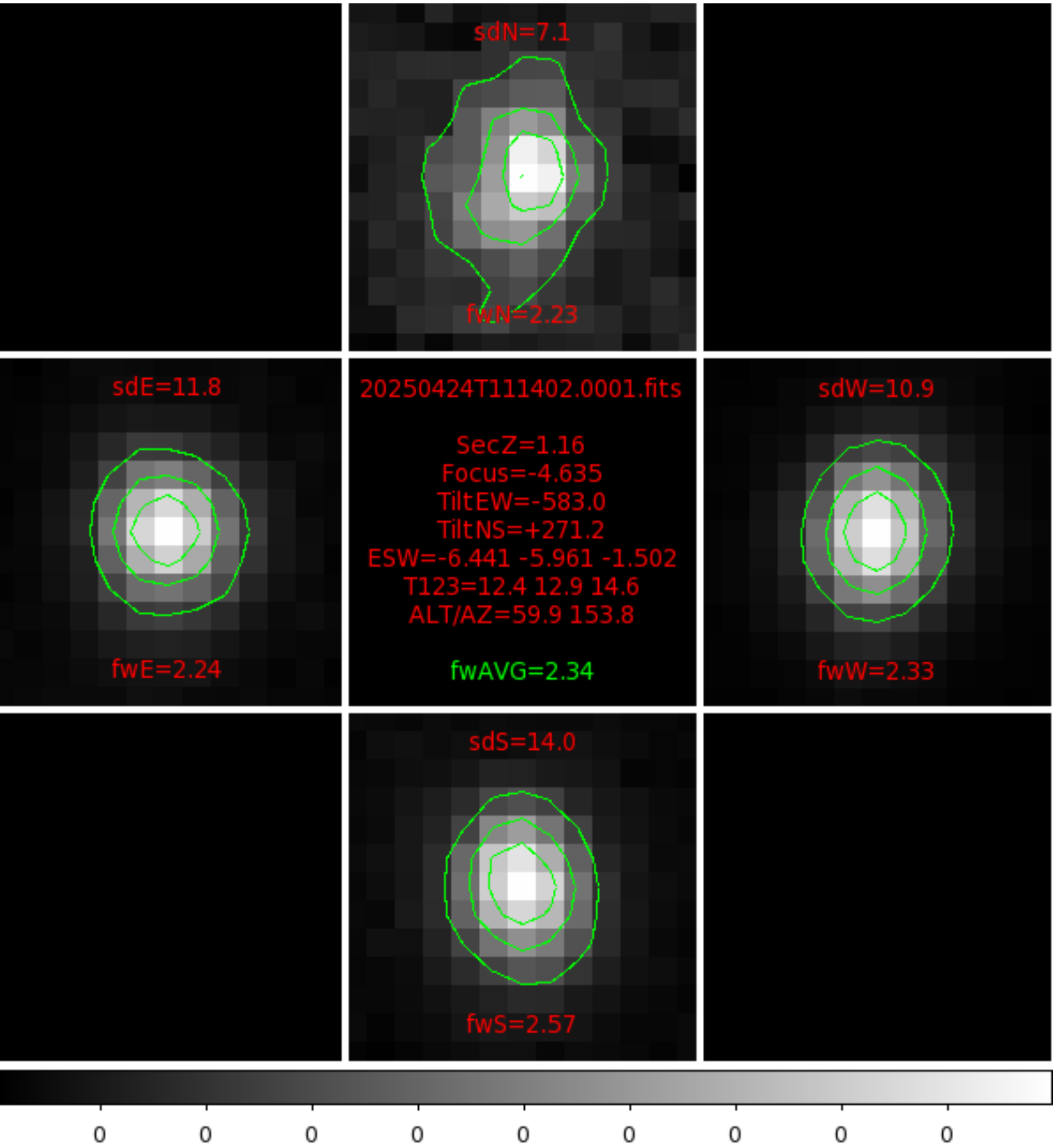
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fwE=2.24
20250424T111402.0001.fits
SecZ=1.16
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.4 12.9 14.6
ALT/AZ=59.9 153.8
fwAVG=2.34
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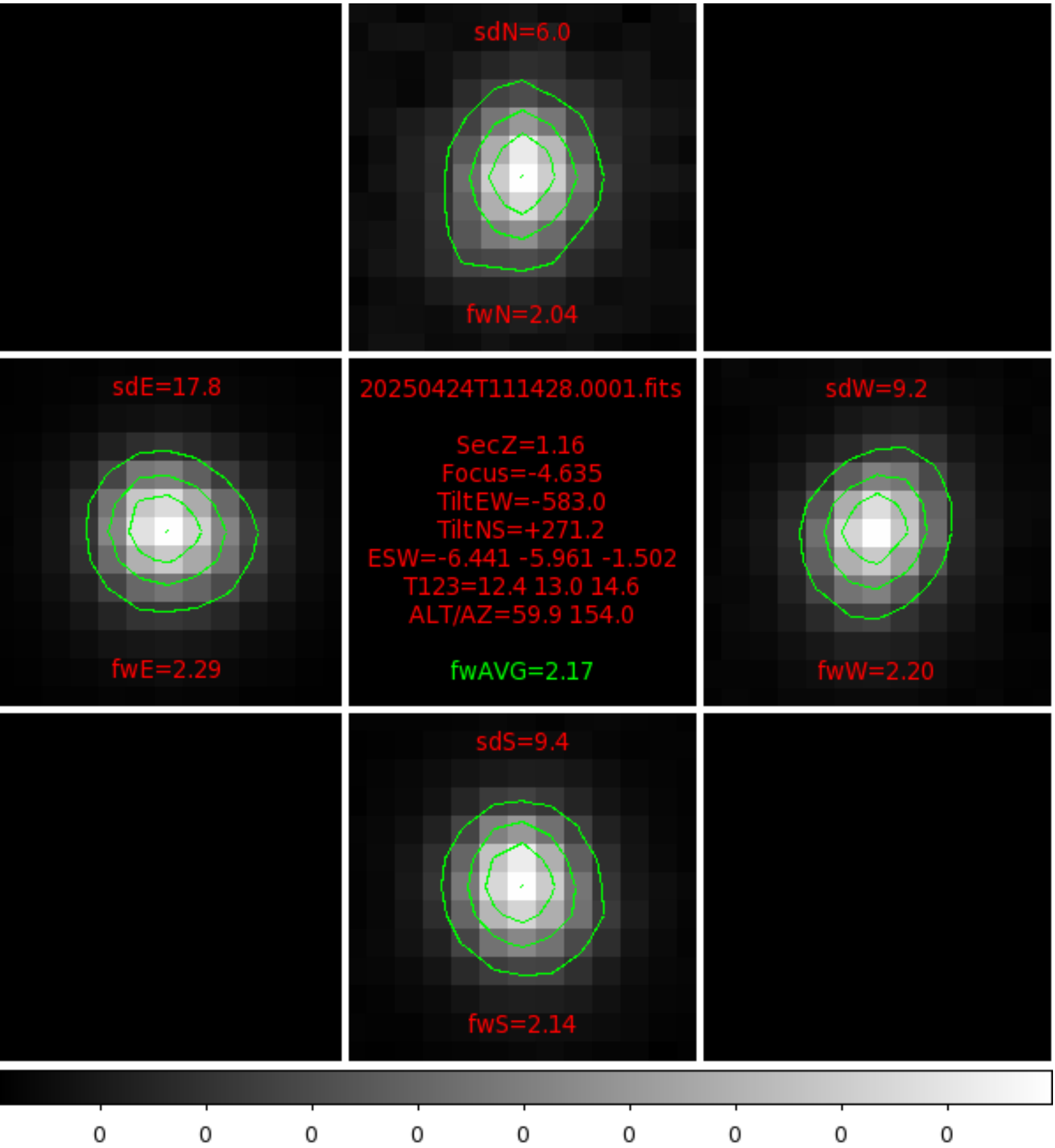
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sdE=17.8
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SecZ=1.16
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.4 13.0 14.6
ALT/AZ=59.9 154.0
fwAVG=2.17
sdW=9.2
fwW=2.20
sdS=9.4
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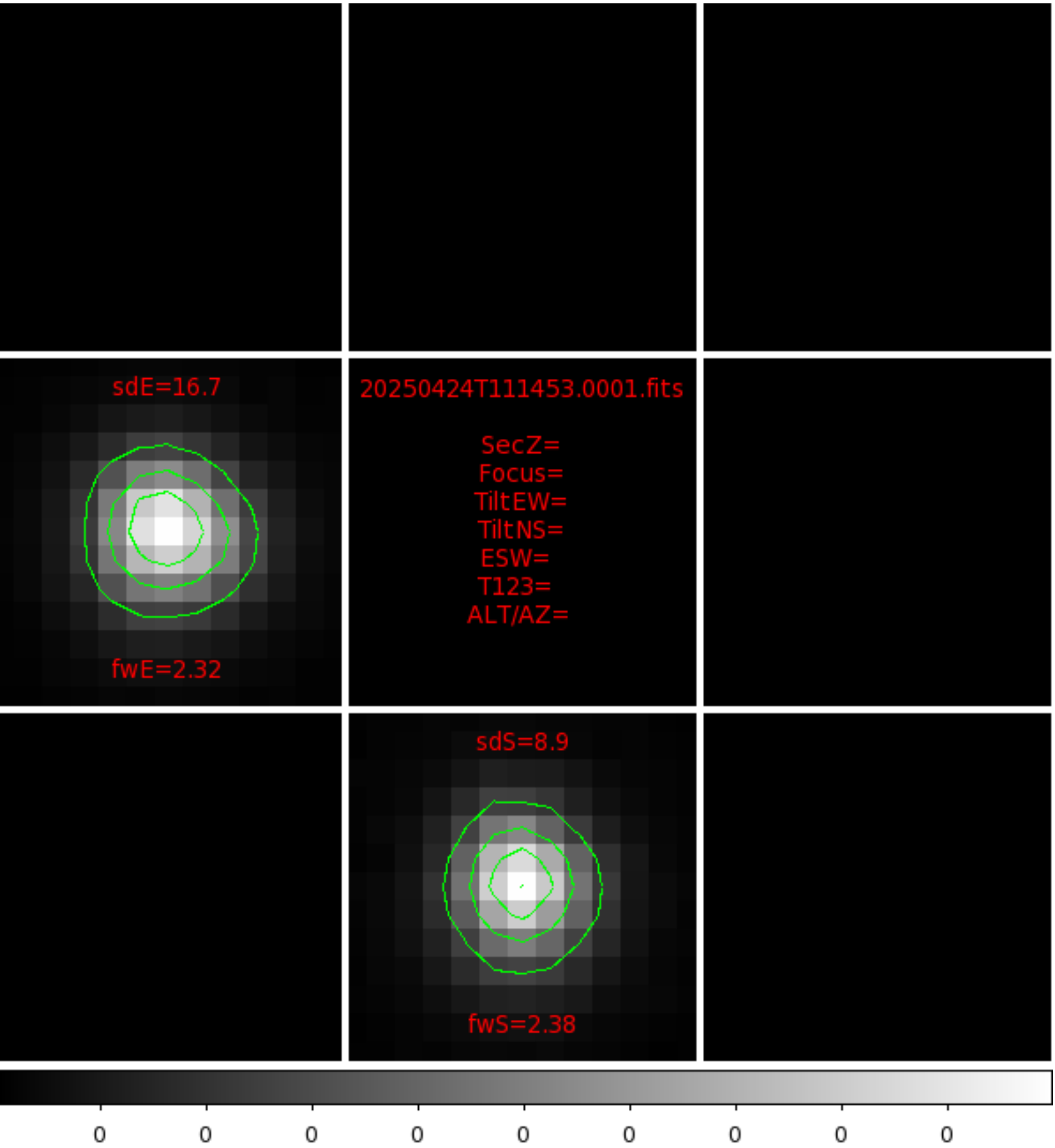
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Focus=
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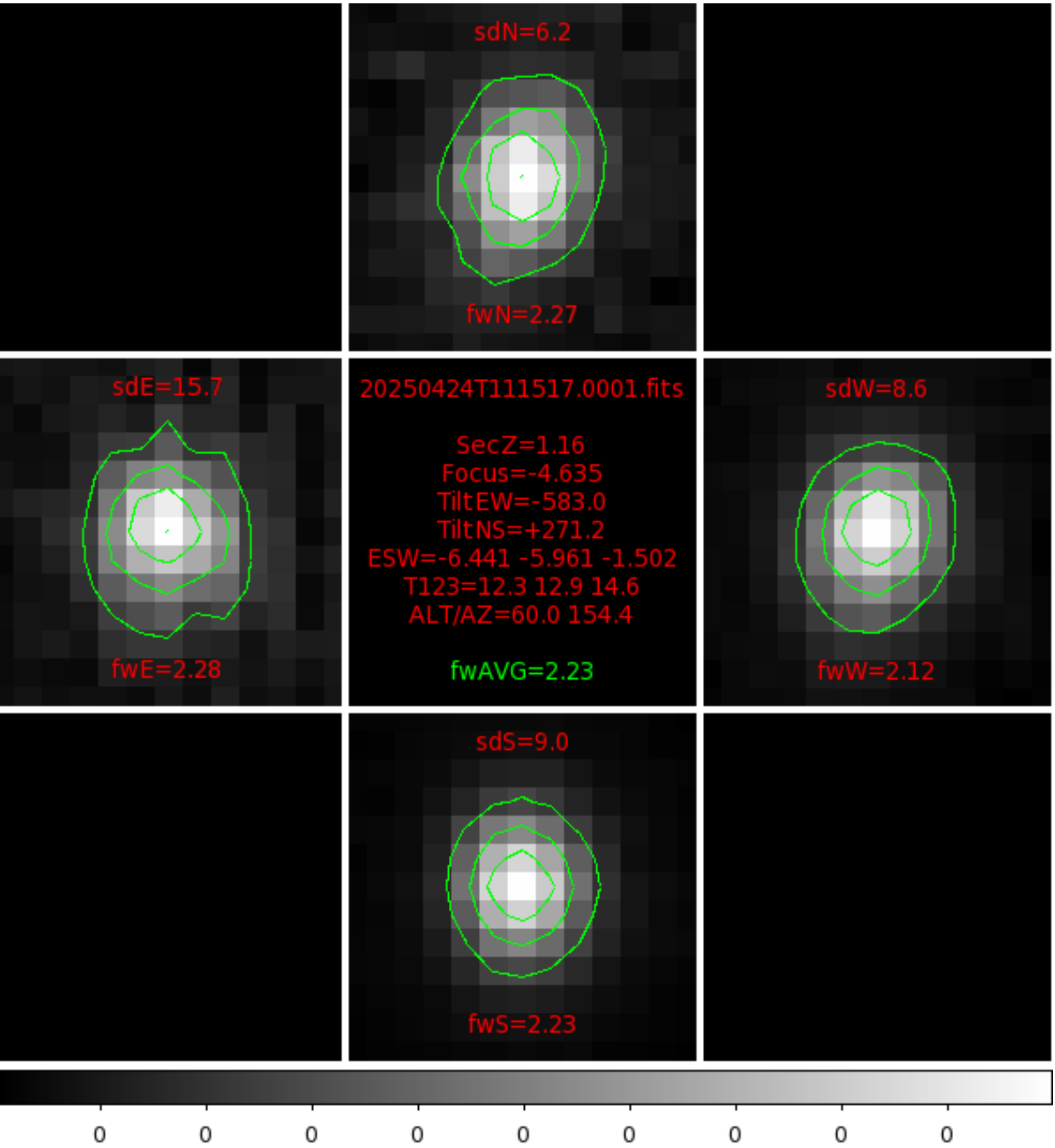
sdN=6.2
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sdE=15.7
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20250424T111517.0001.fits
SecZ=1.16
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.3 12.9 14.6
ALT/AZ=60.0 154.4
fwAVG=2.23
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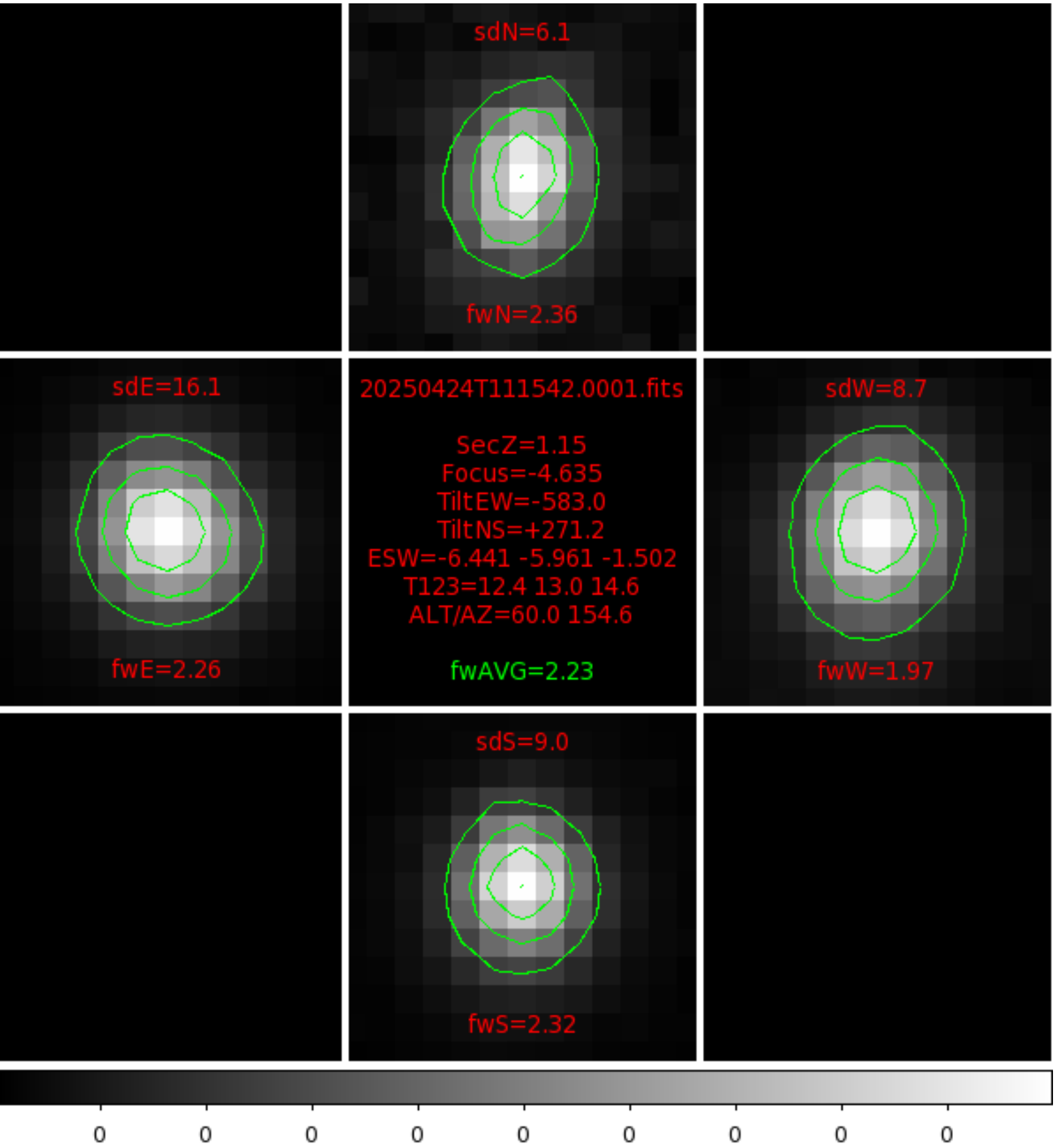
sdN=6.1
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SecZ=1.15
Focus=-4.635
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.441 -5.961 -1.502
T123=12.4 13.0 14.6
ALT/AZ=60.0 154.6
fwAVG=2.23
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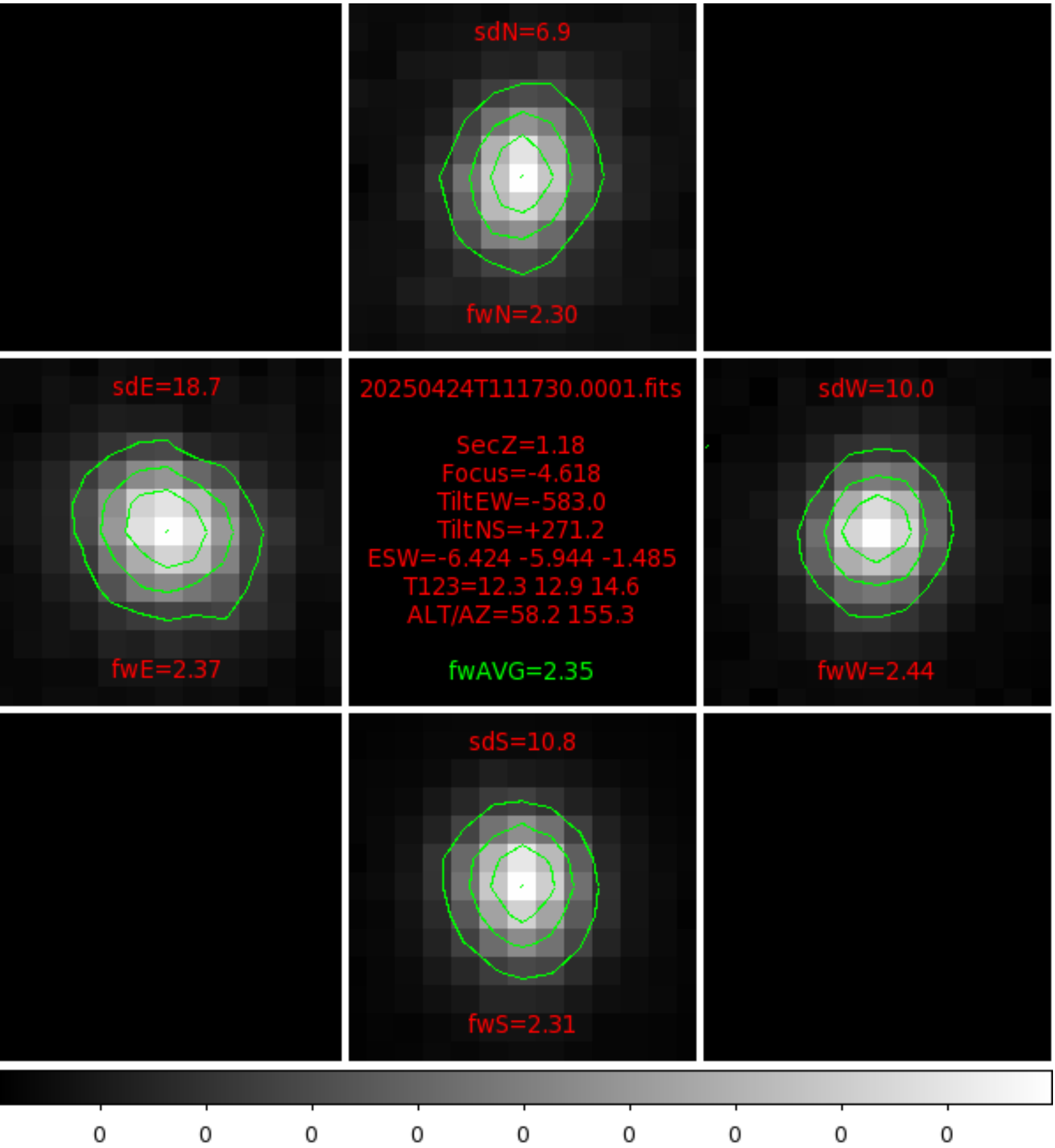
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SecZ=1.18
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.3 12.9 14.6
ALT/AZ=58.2 155.3
fwAVG=2.35
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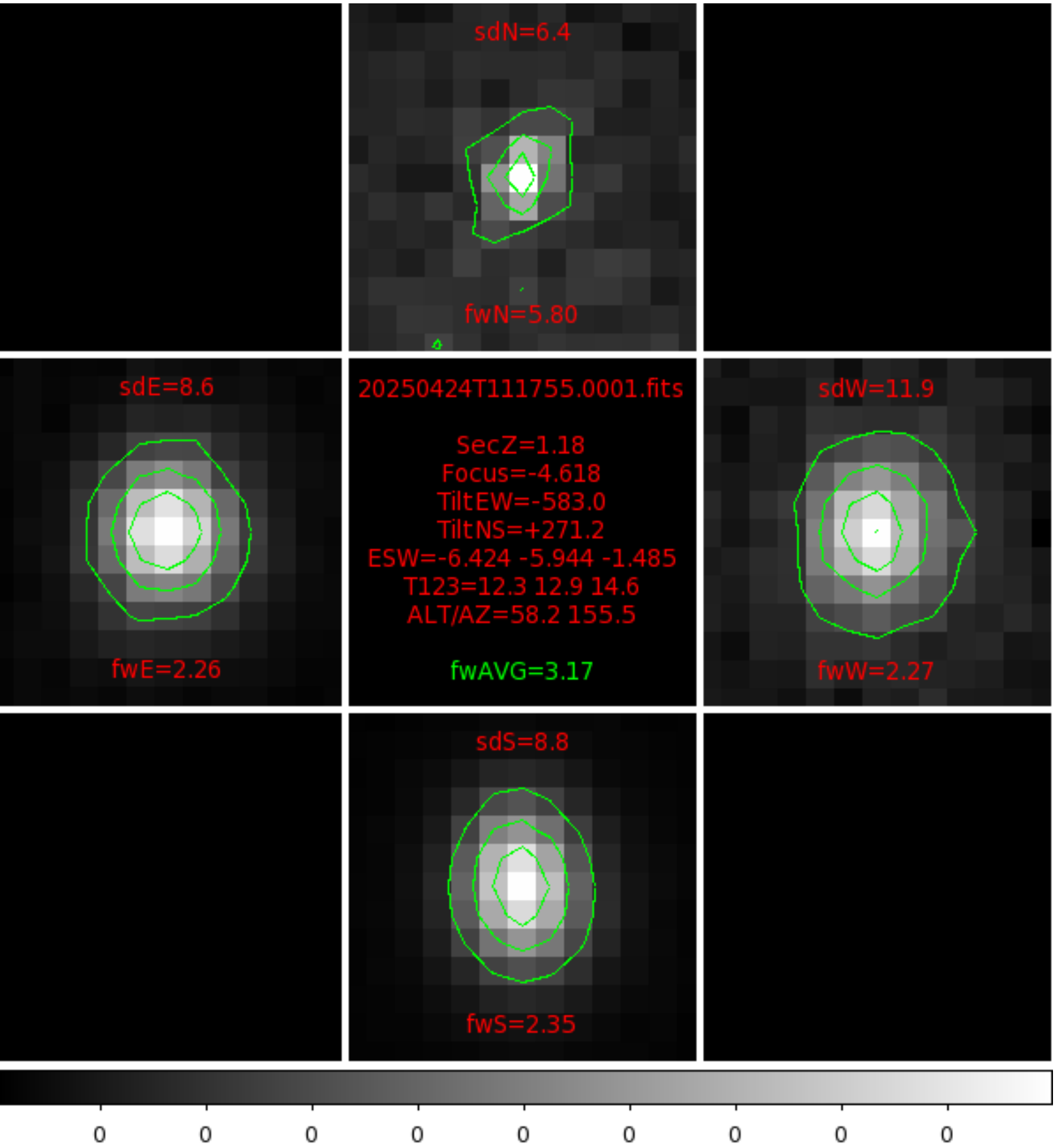
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fwN=5.80
sdE=8.6
fwE=2.26
20250424T111755.0001.fits
SecZ=1.18
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.3 12.9 14.6
ALT/AZ=58.2 155.5
fwAVG=3.17
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sdS=8.8
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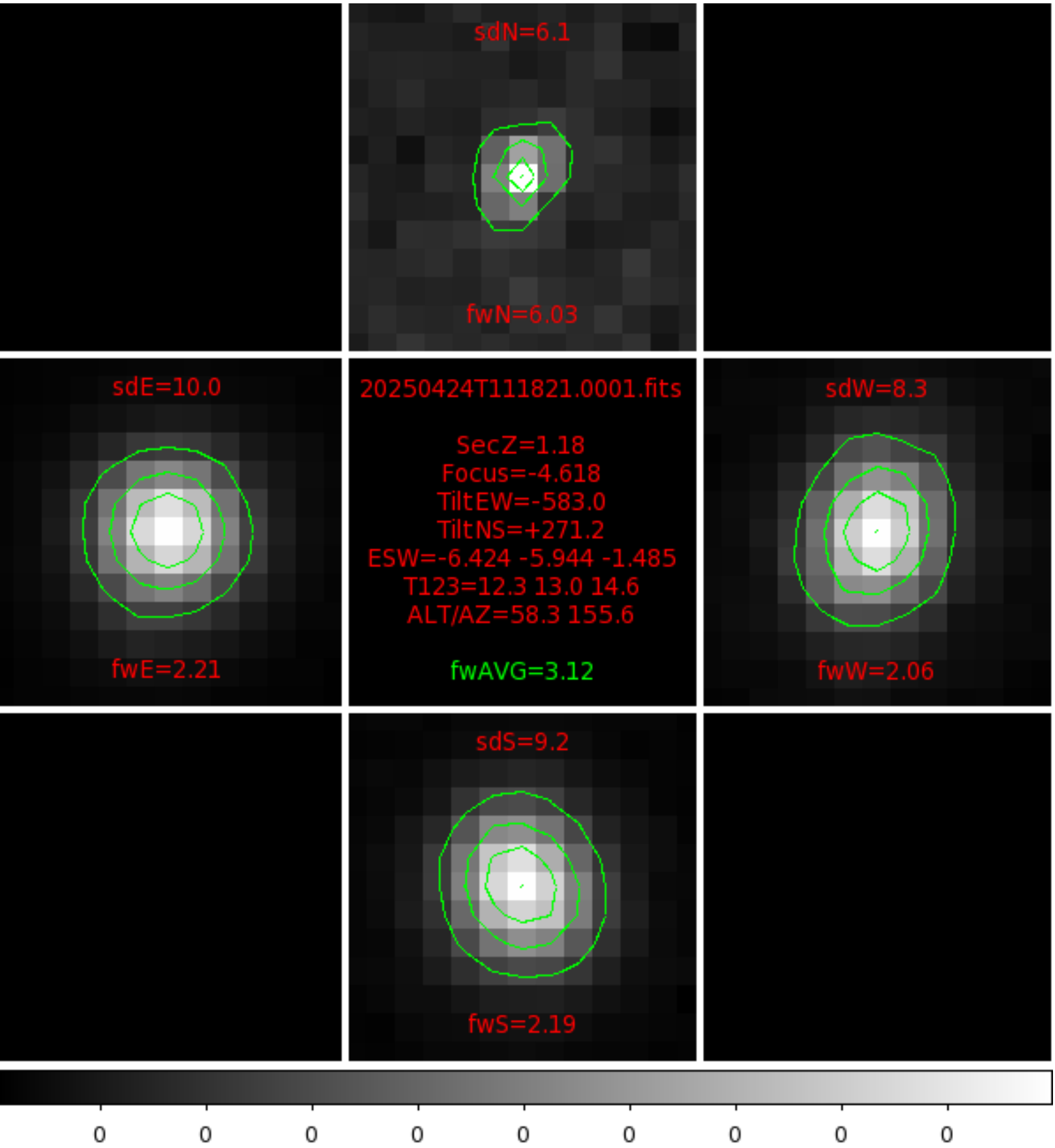
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sdE=10.0
fwE=2.21
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SecZ=1.18
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.3 13.0 14.6
ALT/AZ=58.3 155.6
fwAVG=3.12
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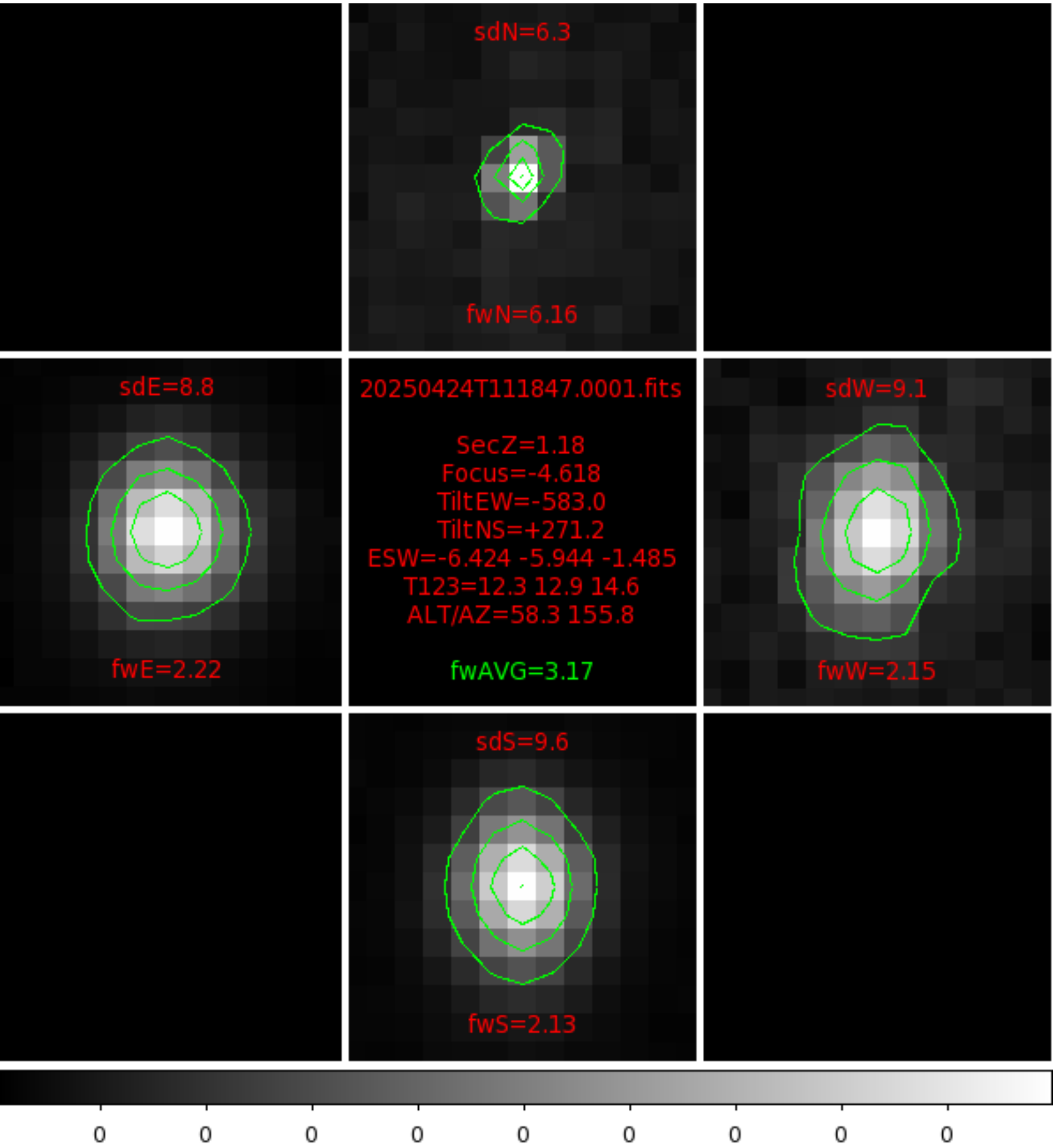
sdN=6.3
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sdE=8.8
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20250424T111847.0001.fits
SecZ=1.18
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.3 12.9 14.6
ALT/AZ=58.3 155.8
fwAVG=3.17
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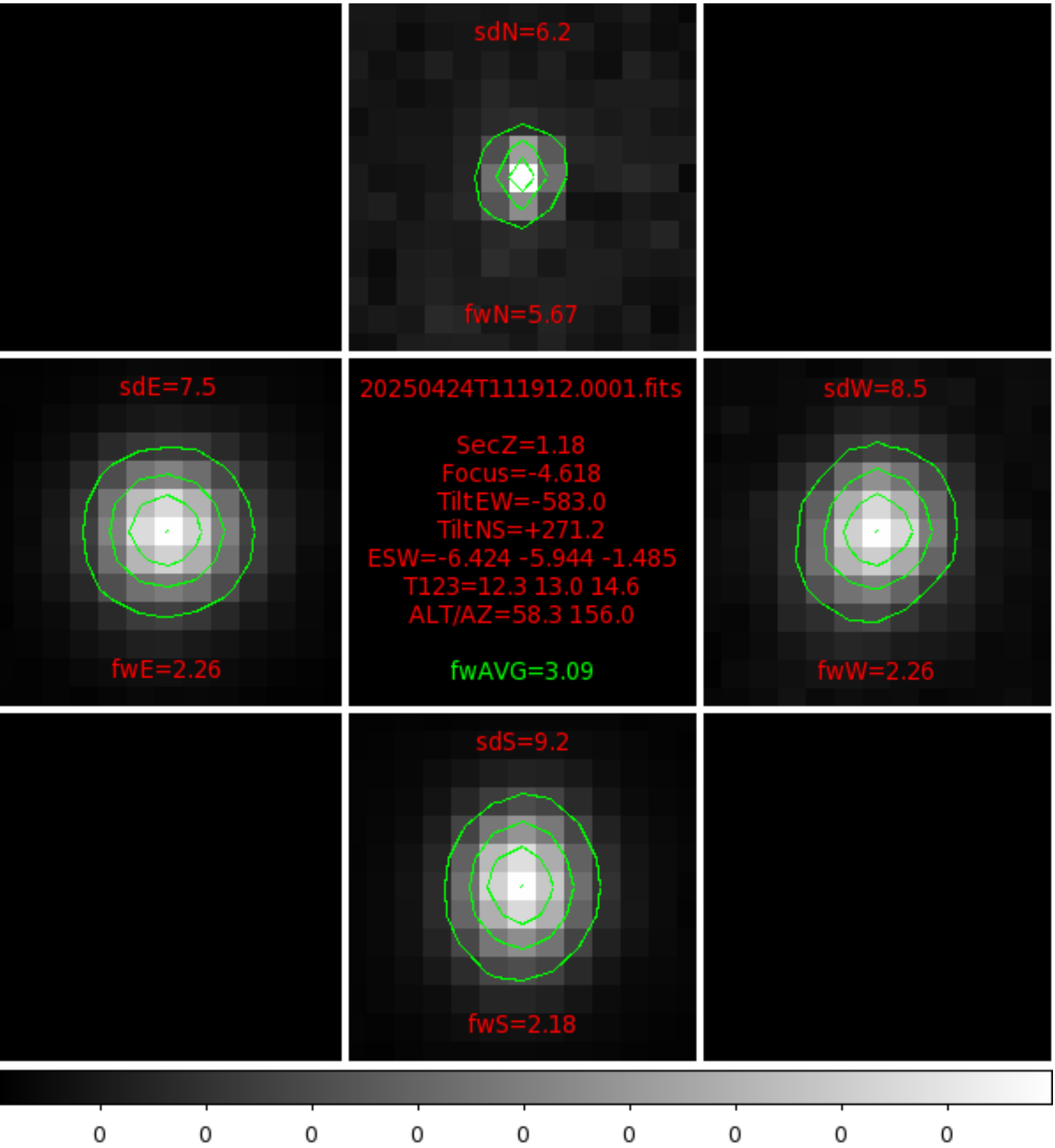
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20250424T111912.0001.fits
SecZ=1.18
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.3 13.0 14.6
ALT/AZ=58.3 156.0
fwAVG=3.09
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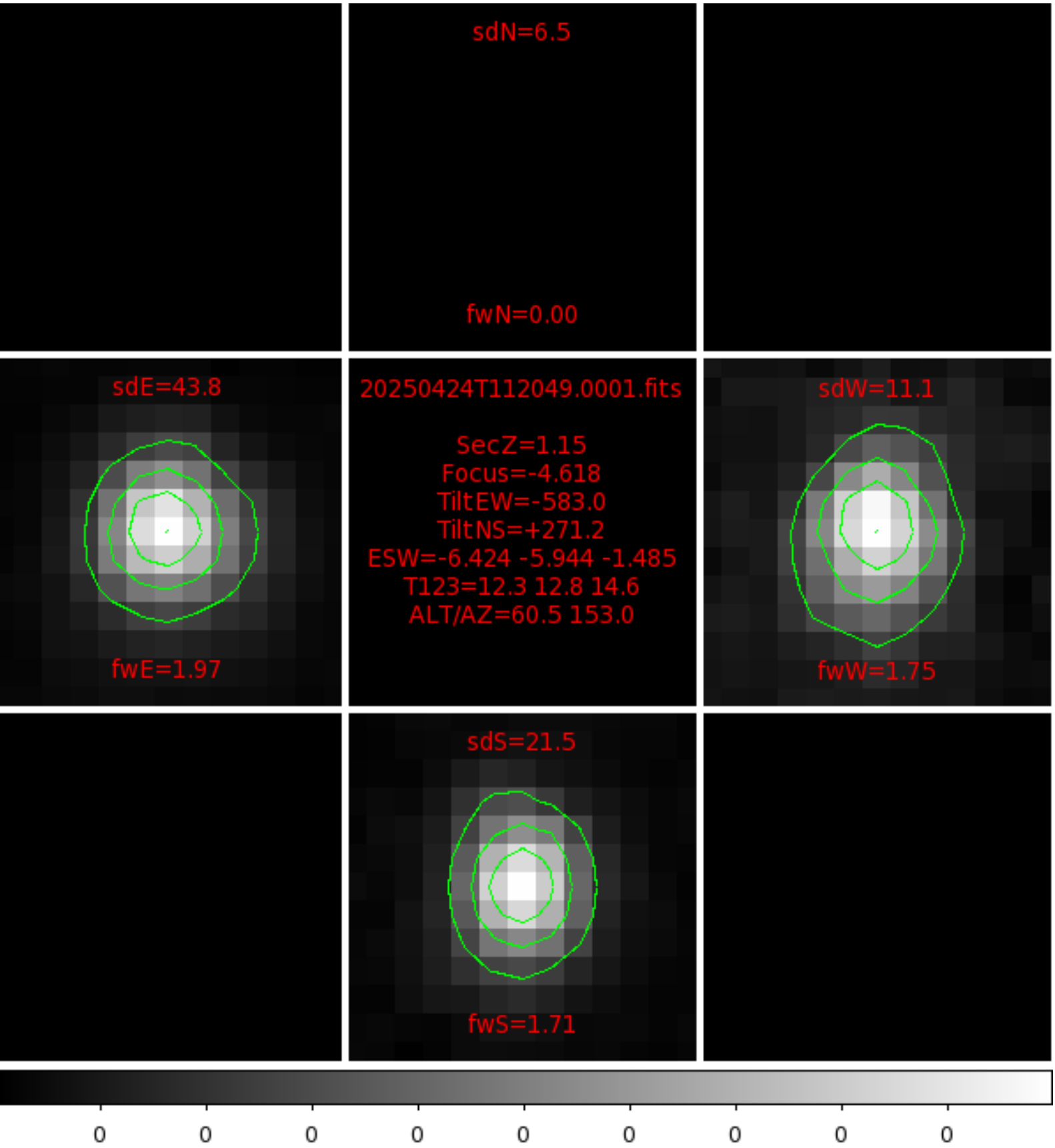
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SecZ=1.15
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.3 12.8 14.6
ALT/AZ=60.5 153.0
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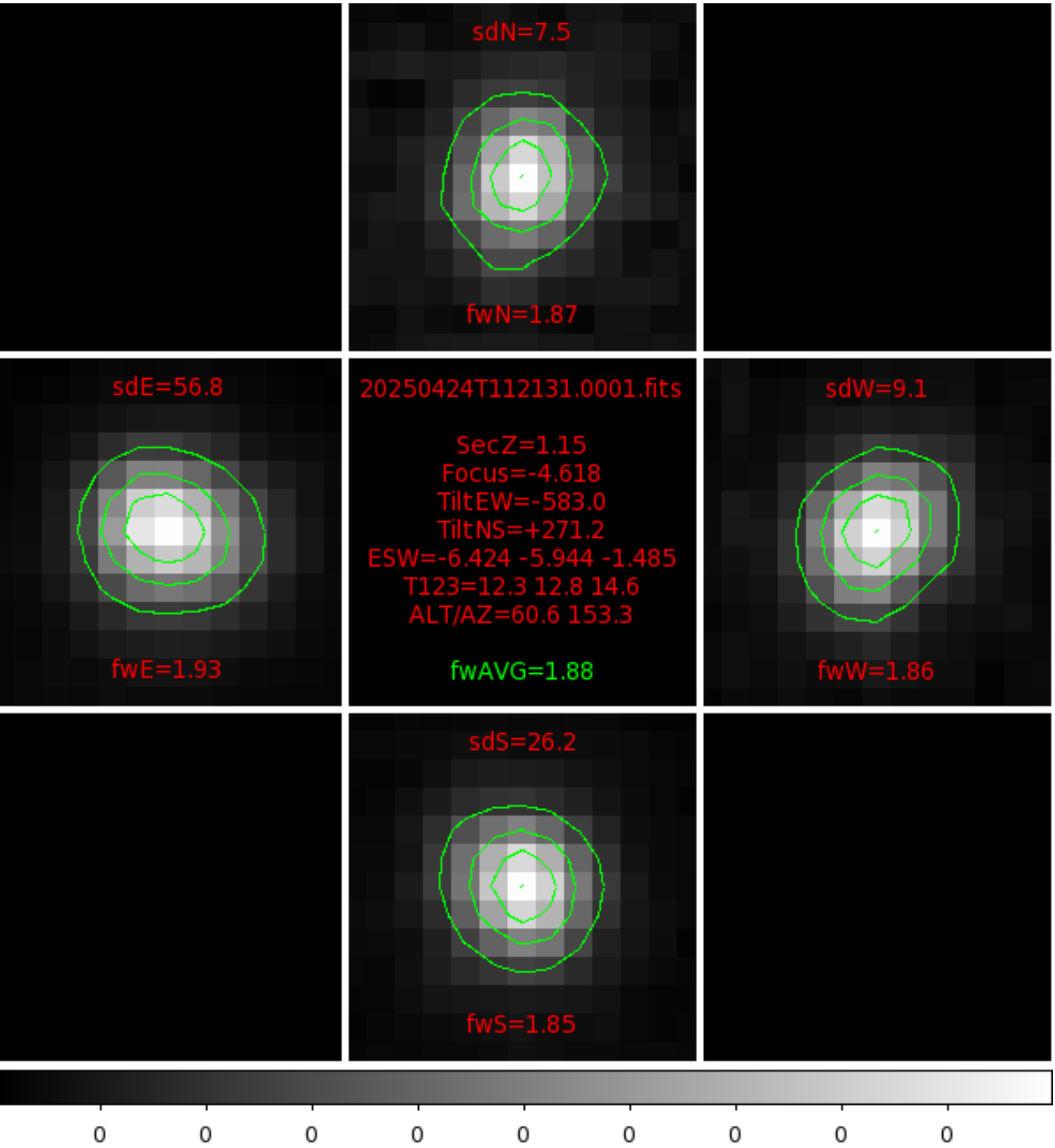
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sdE=56.8
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SecZ=1.15
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.3 12.8 14.6
ALT/AZ=60.6 153.3
fwAVG=1.88
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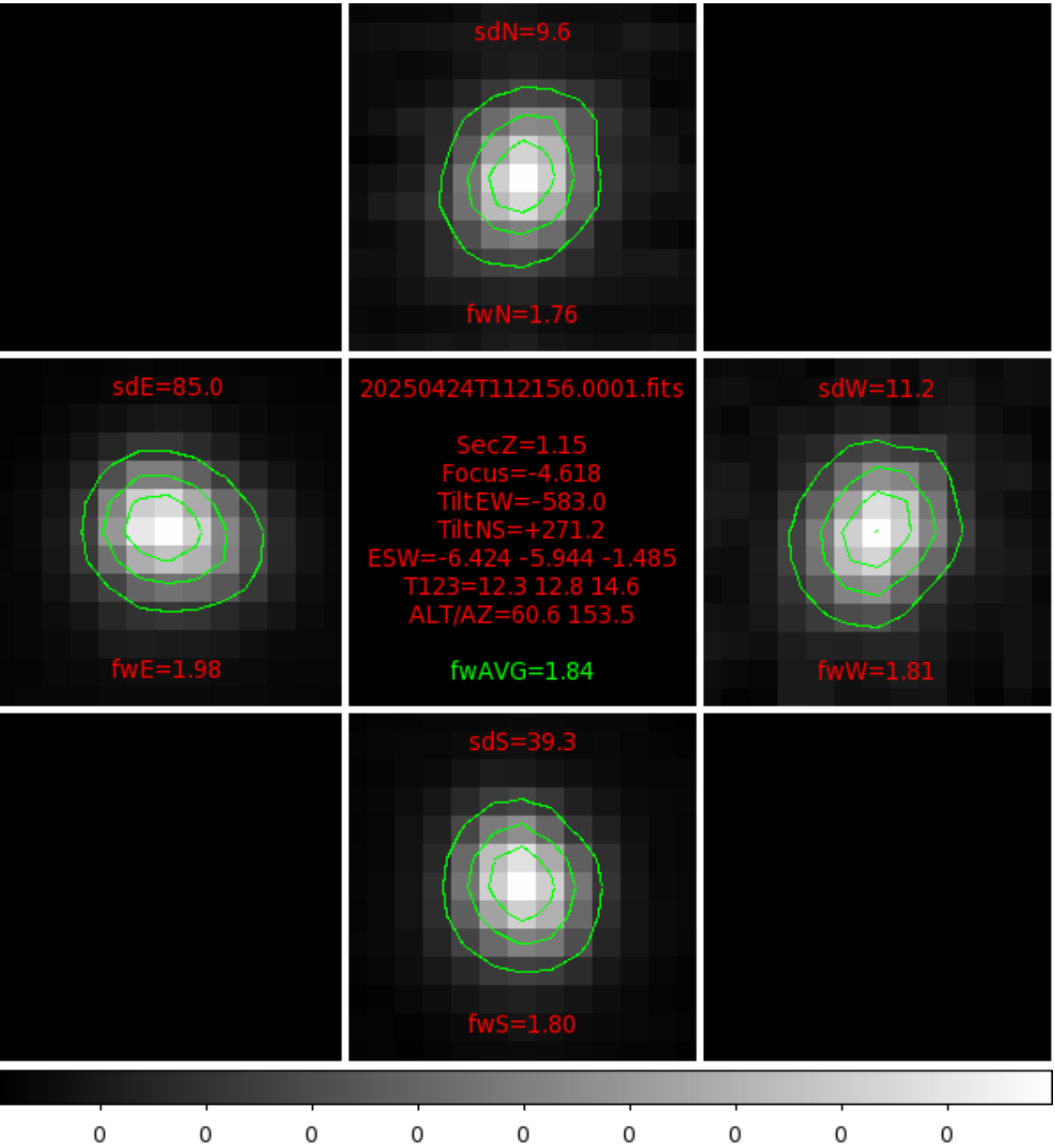
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sdE=85.0
fwE=1.98
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SecZ=1.15
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.3 12.8 14.6
ALT/AZ=60.6 153.5
fwAVG=1.84
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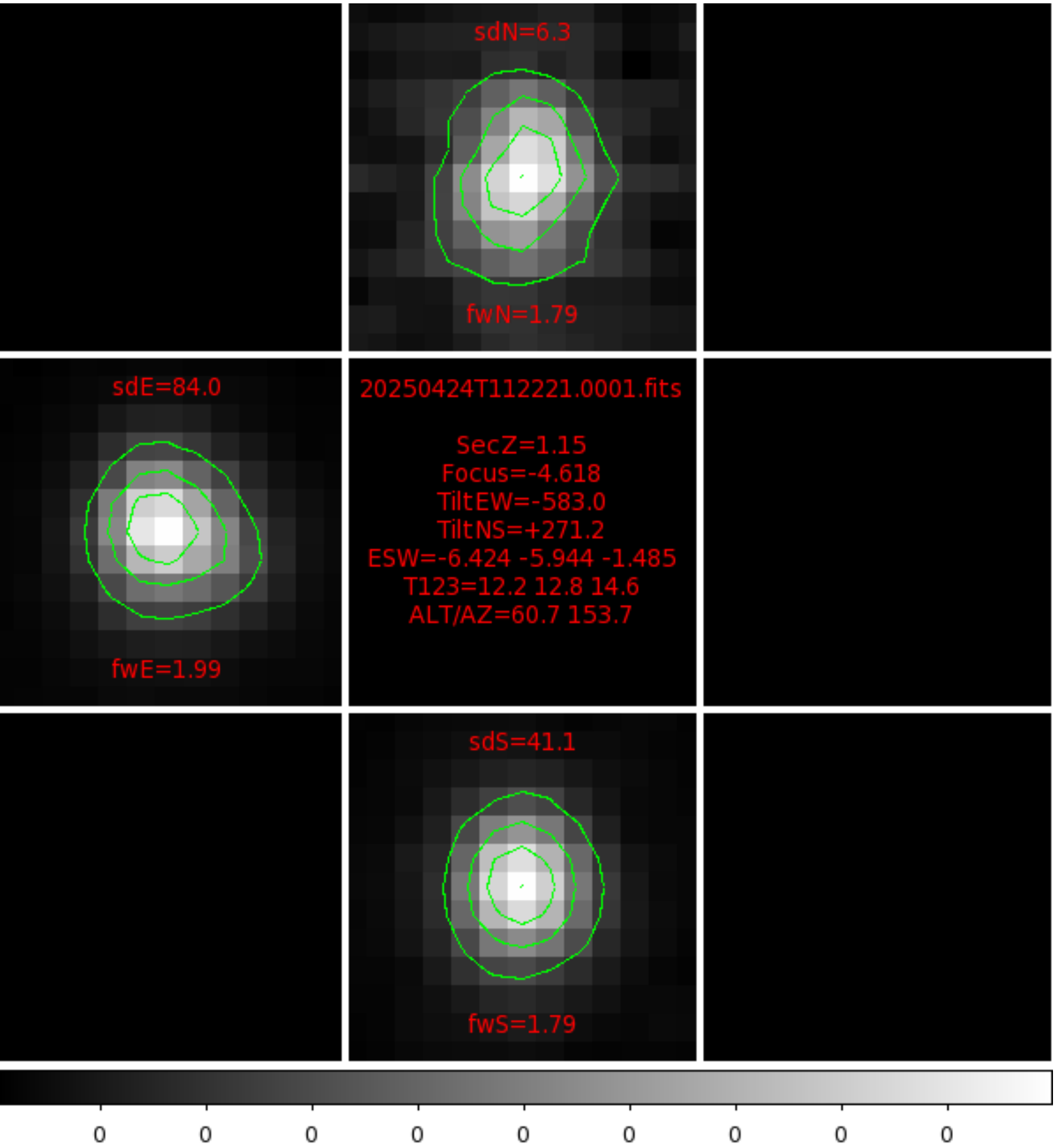
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sdE=84.0
fwE=1.99
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SecZ=1.15
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.2 12.8 14.6
ALT/AZ=60.7 153.7
sdS=41.1
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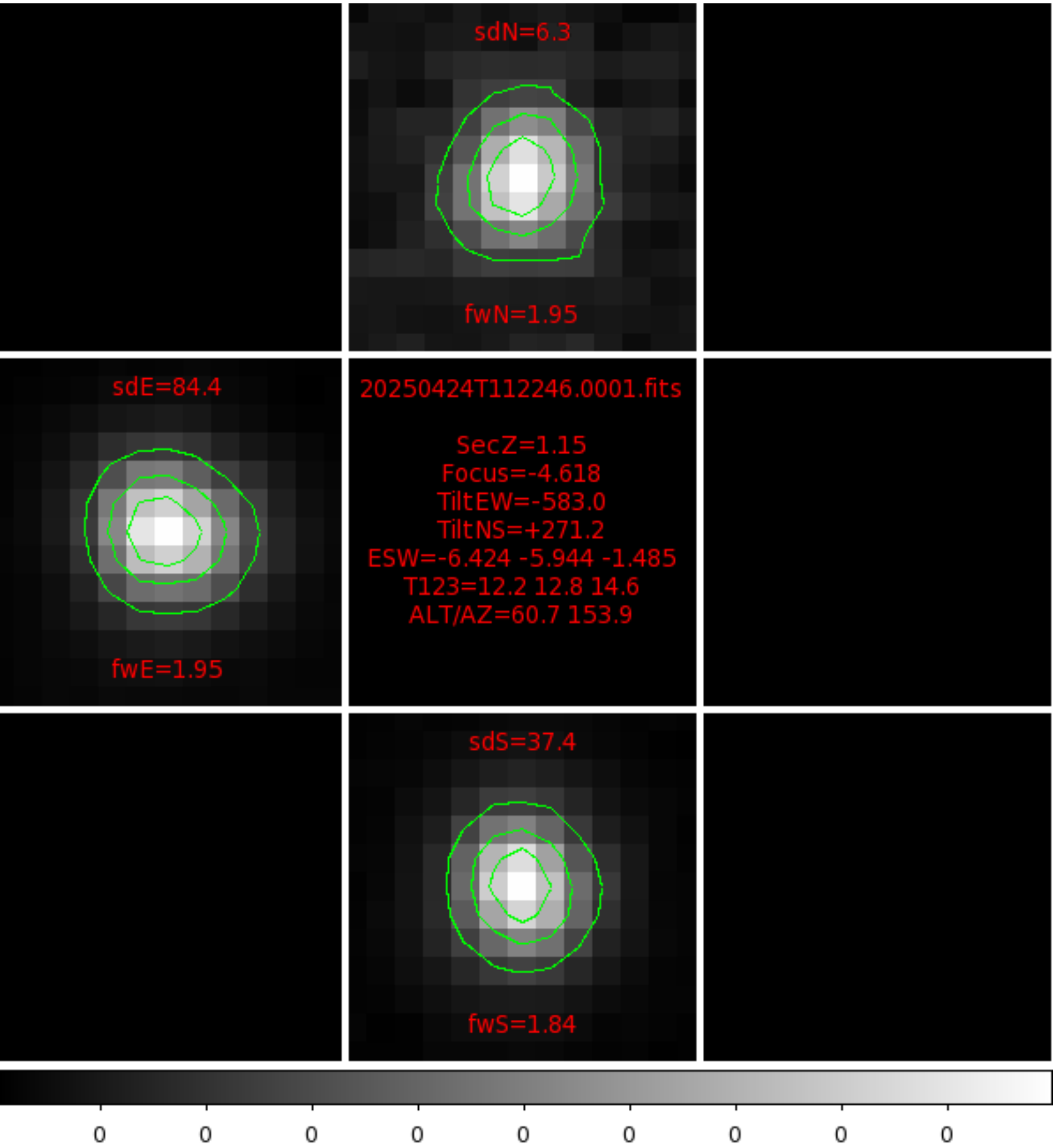
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SecZ=1.15
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.2 12.8 14.6
ALT/AZ=60.7 153.9
sdS=37.4
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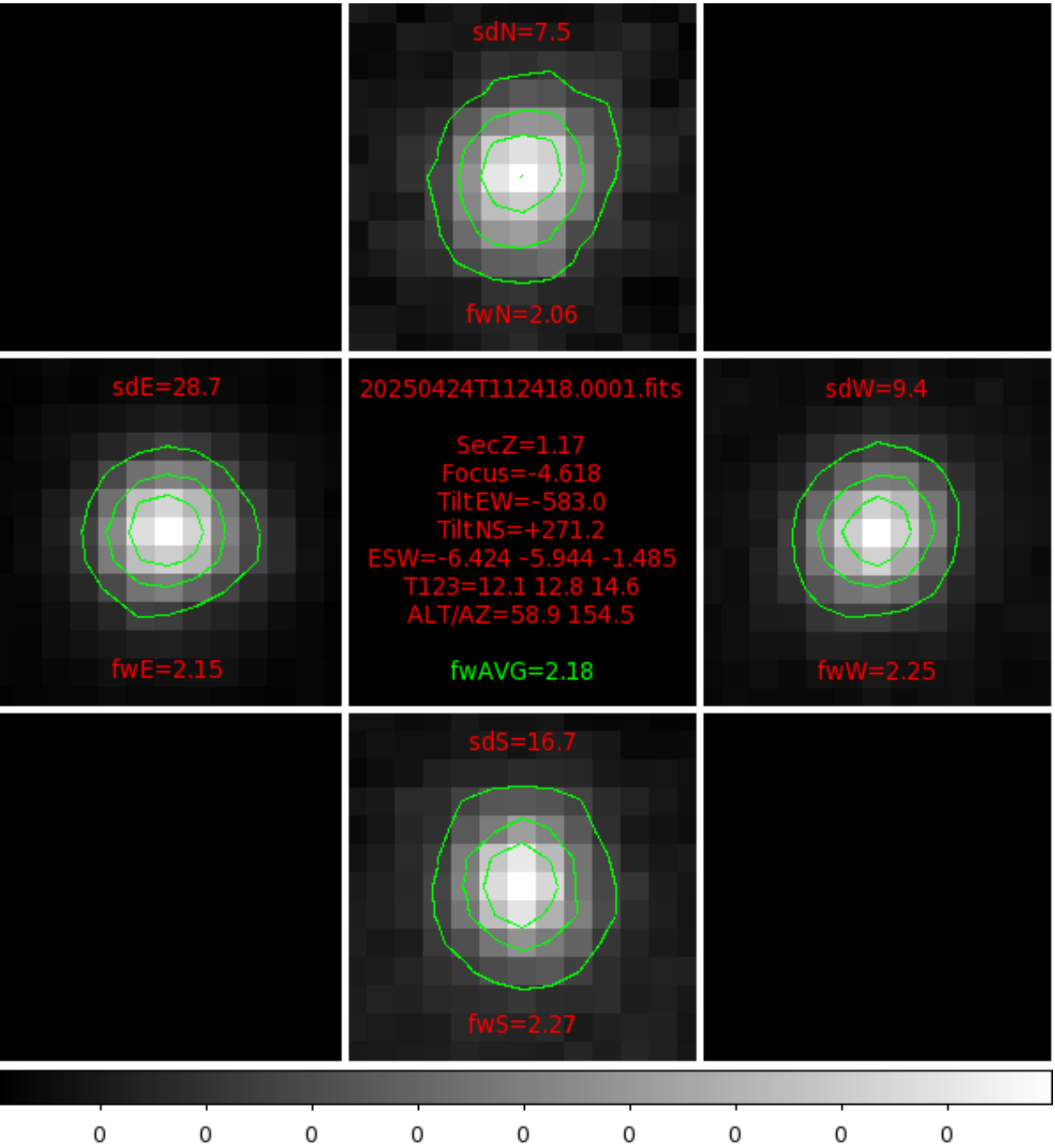
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sdE=28.7
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20250424T112418.0001.fits
SecZ=1.17
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.1 12.8 14.6
ALT/AZ=58.9 154.5
fwAVG=2.18
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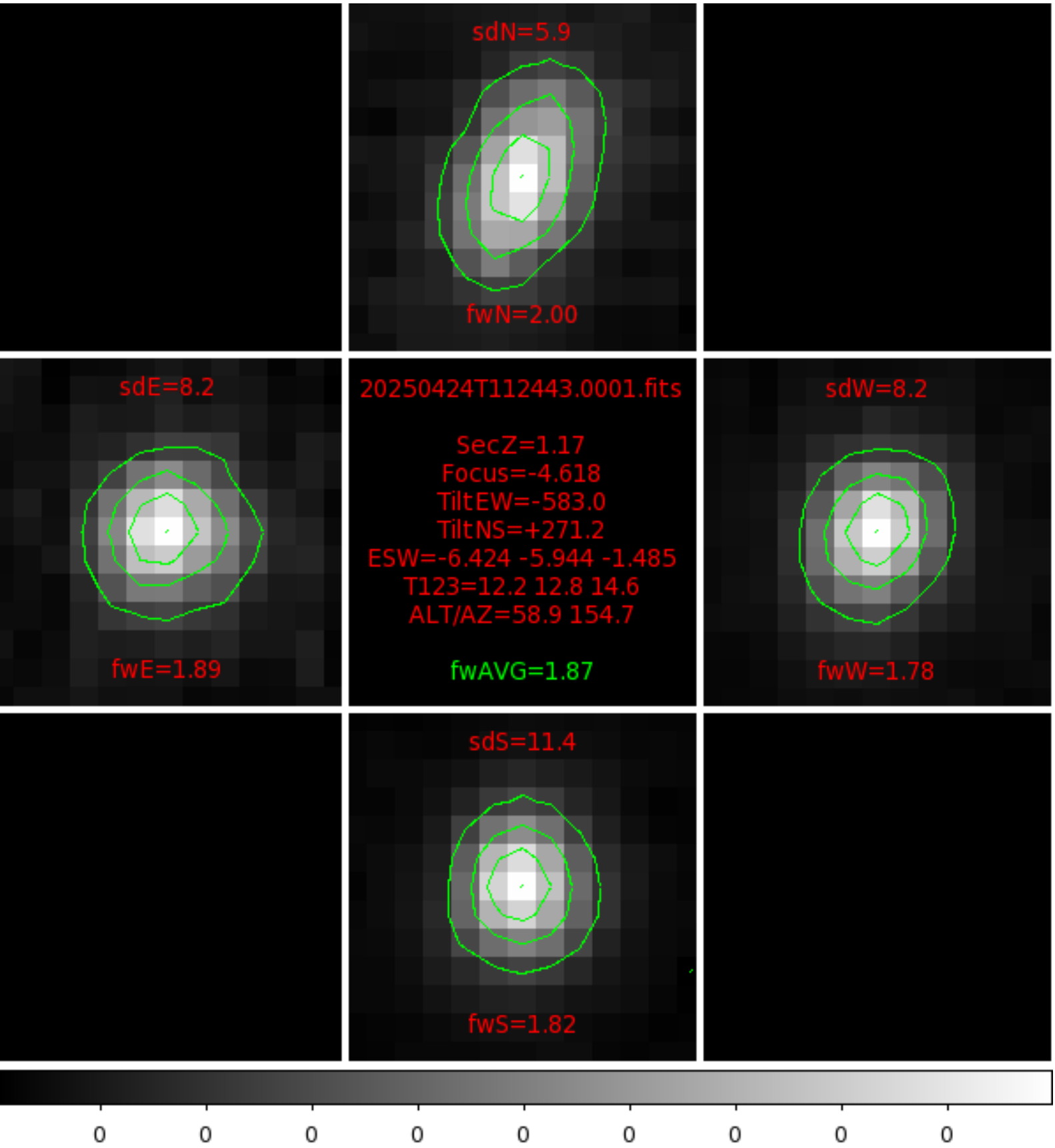
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SecZ=1.17
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ESW=-6.424 -5.944 -1.485
T123=12.2 12.8 14.6
ALT/AZ=58.9 154.7
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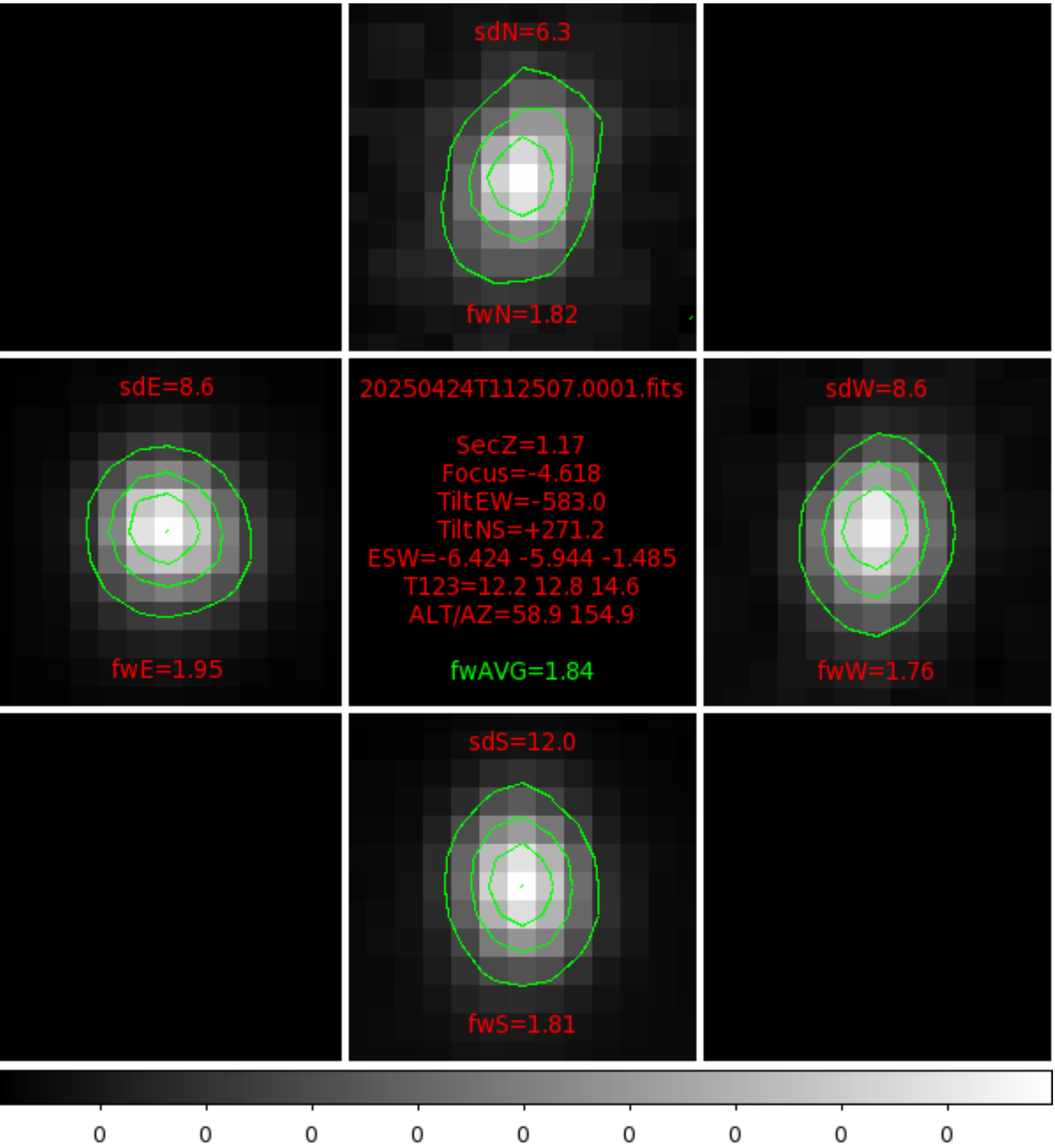
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SecZ=1.17
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TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.2 12.8 14.6
ALT/AZ=58.9 154.9
fwAVG=1.84
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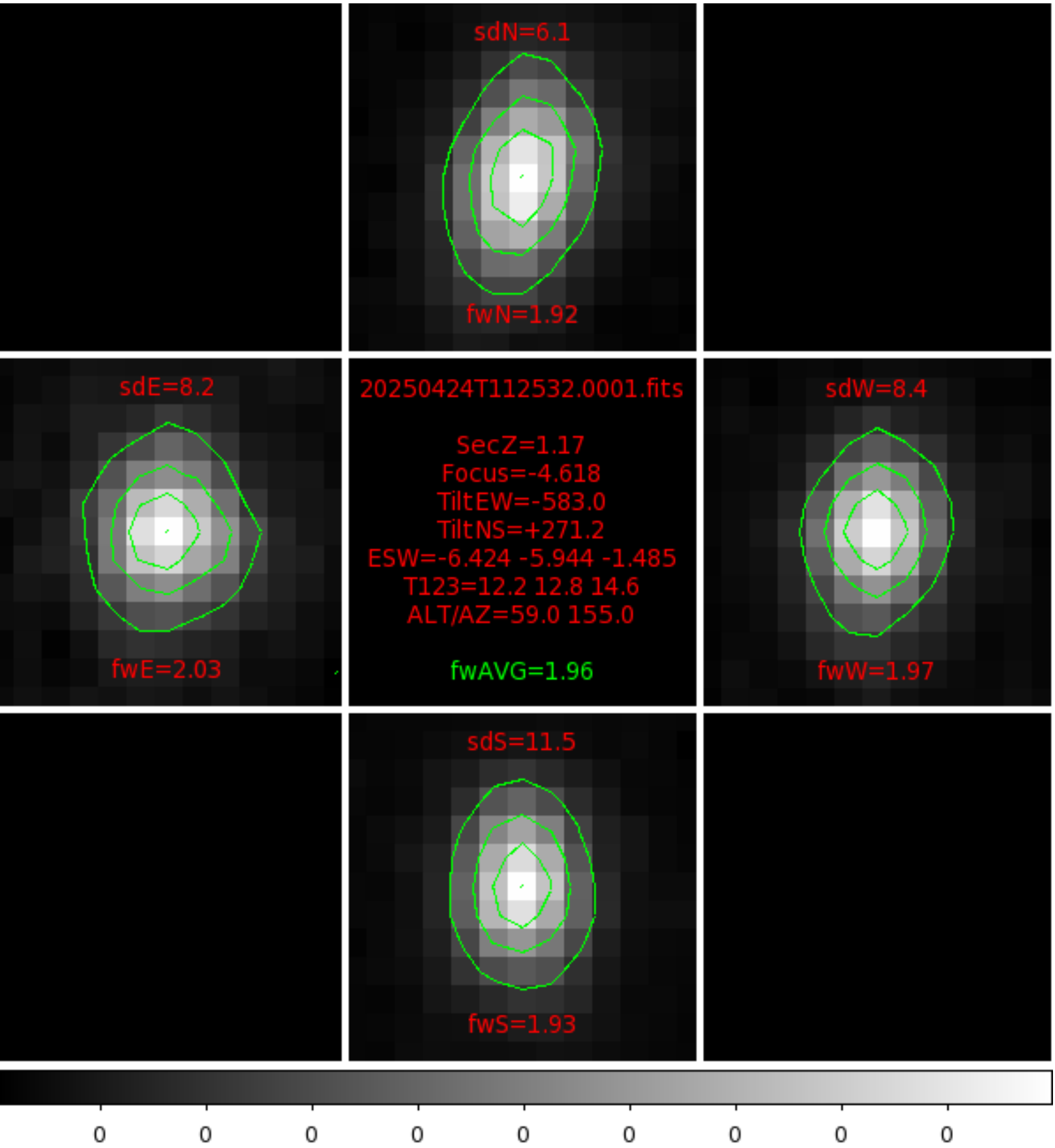
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fwE=2.03
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SecZ=1.17
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.2 12.8 14.6
ALT/AZ=59.0 155.0
fwAVG=1.96
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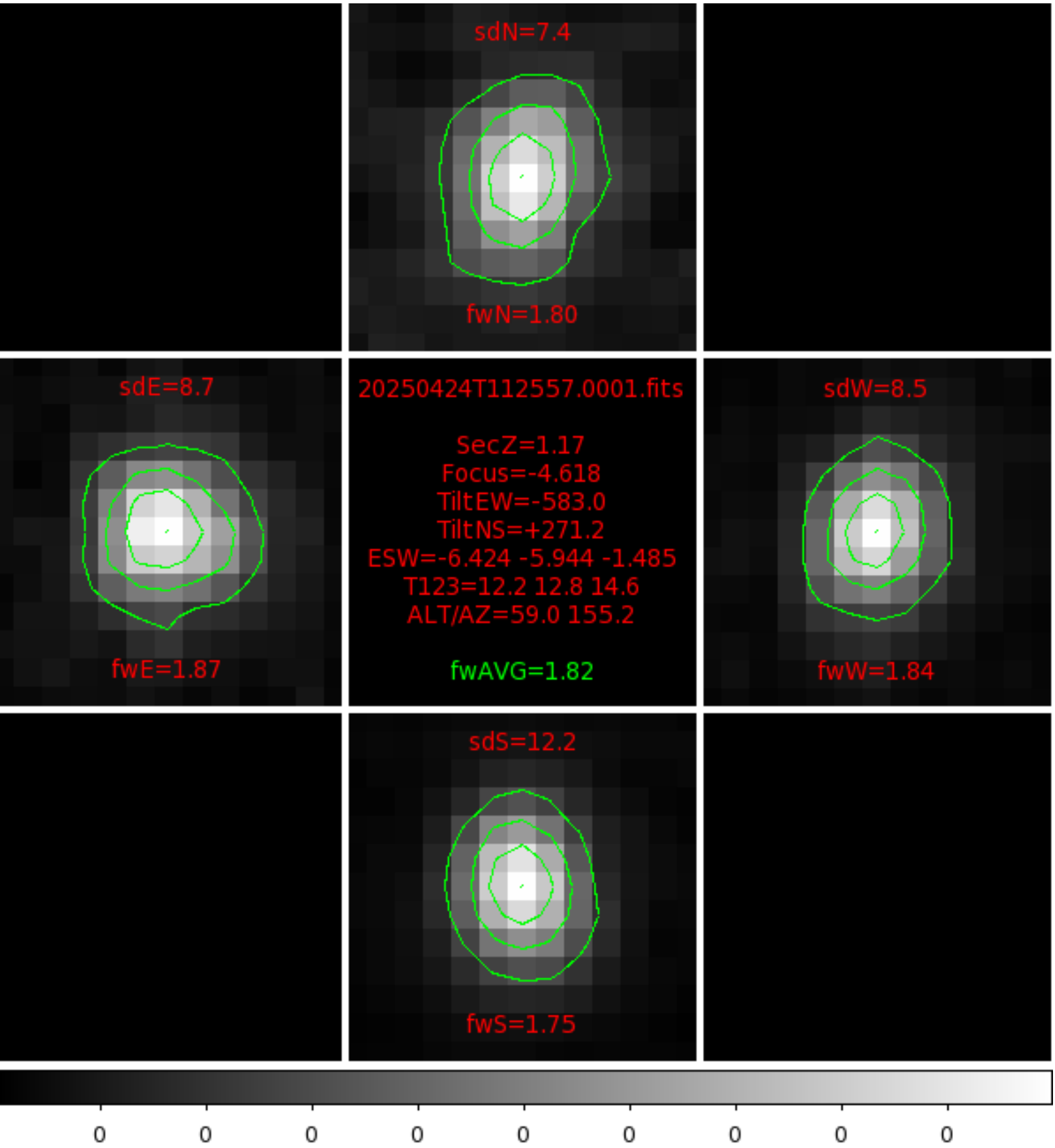
sdN=7.4
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sdE=8.7
fwE=1.87
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SecZ=1.17
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.2 12.8 14.6
ALT/AZ=59.0 155.2
fwAVG=1.82
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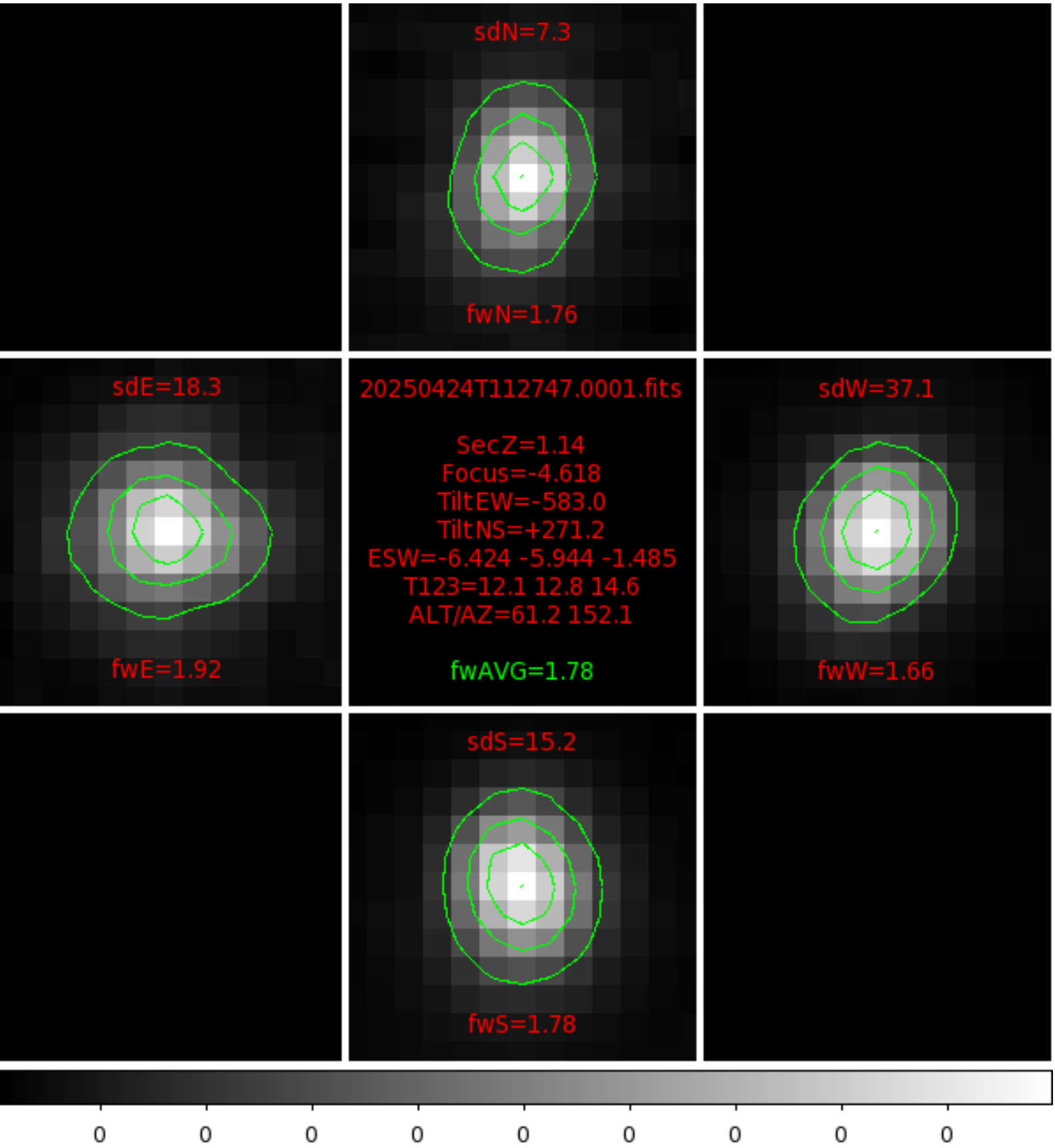
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SecZ=1.14
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.1 12.8 14.6
ALT/AZ=61.2 152.1
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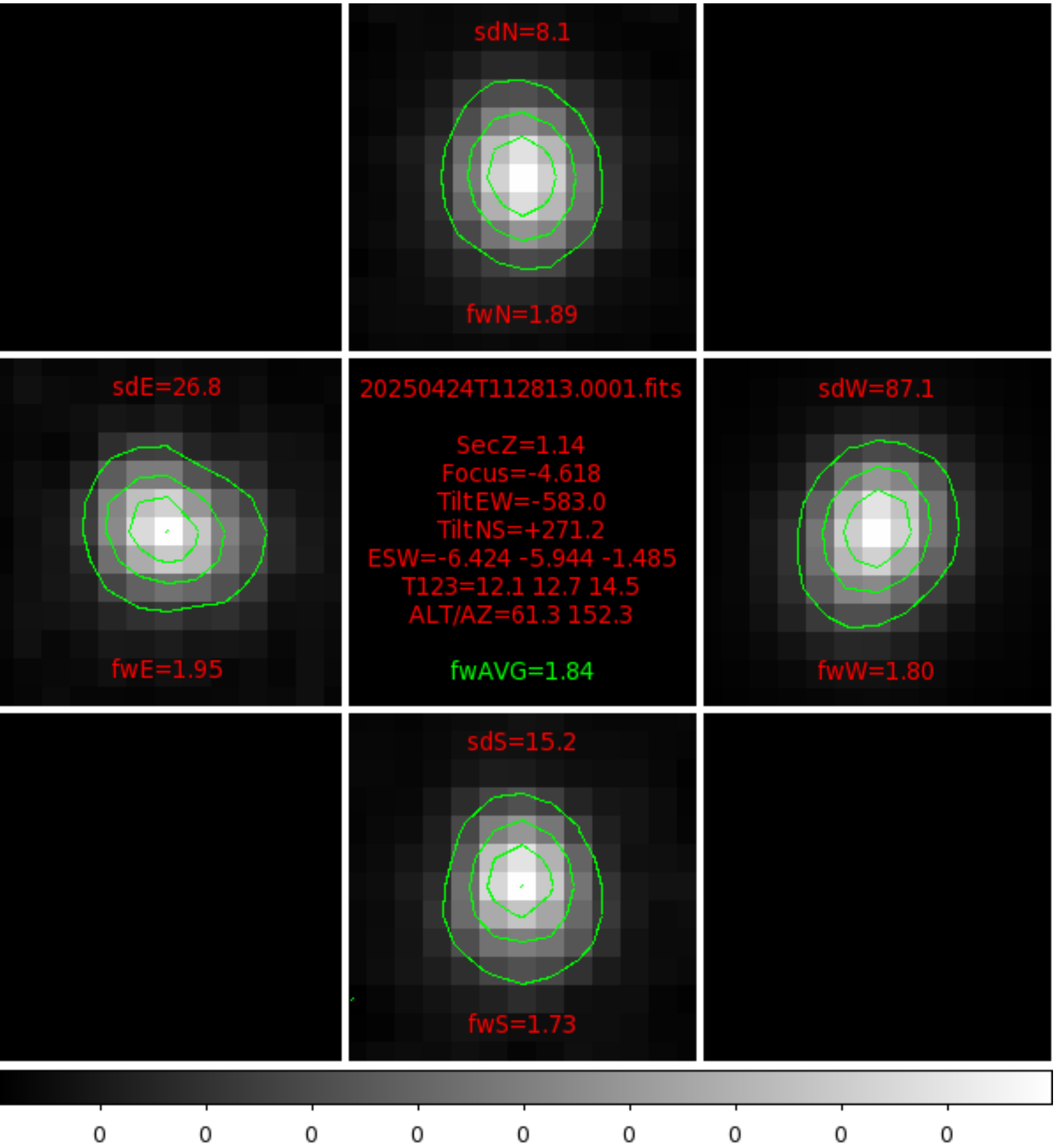
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SecZ=1.14
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.1 12.7 14.5
ALT/AZ=61.3 152.3
fwAVG=1.84
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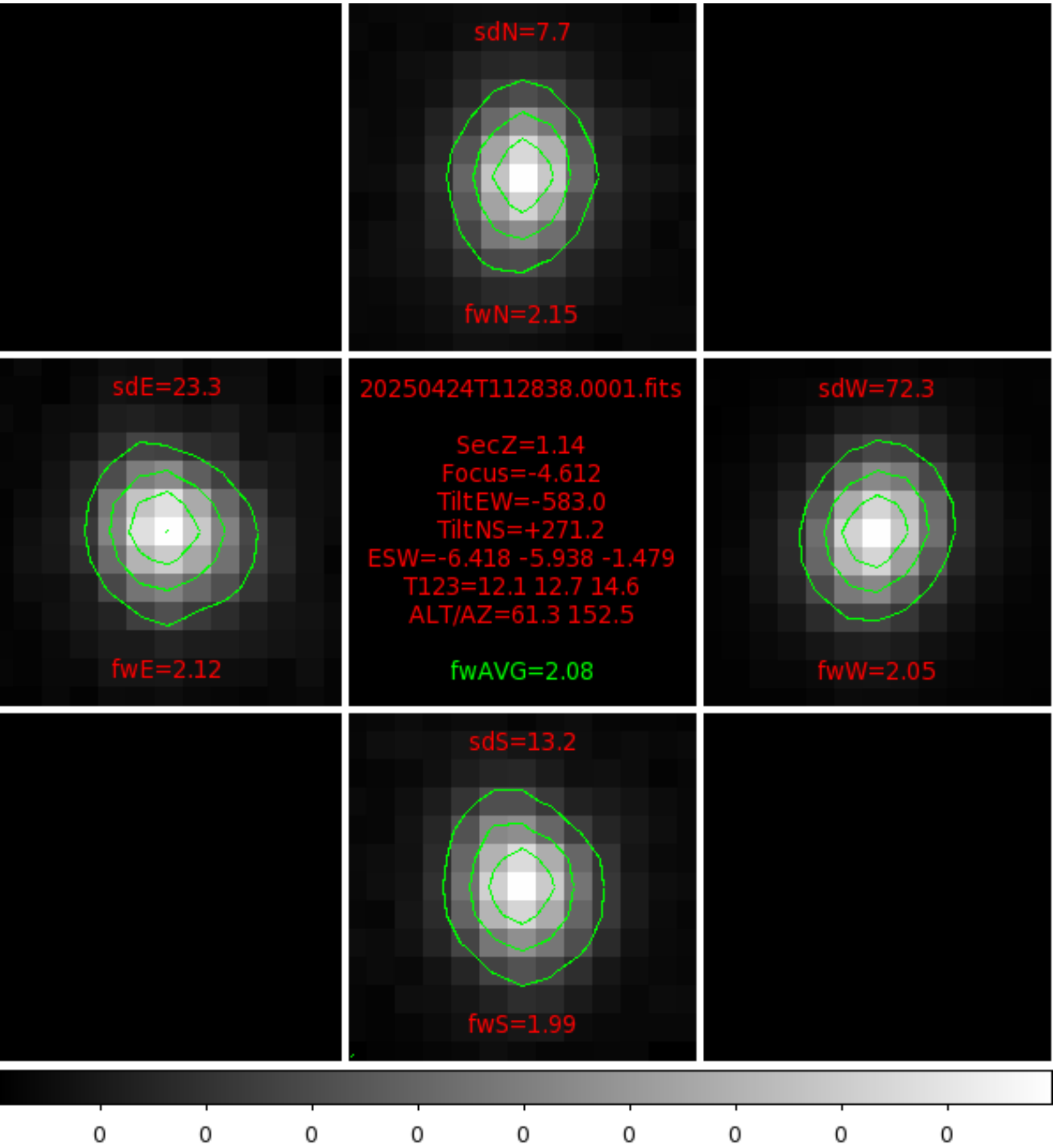
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20250424T112838.0001.fits
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Focus=-4.612
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TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.1 12.7 14.6
ALT/AZ=61.3 152.5
fwAVG=2.08
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sdS=13.2
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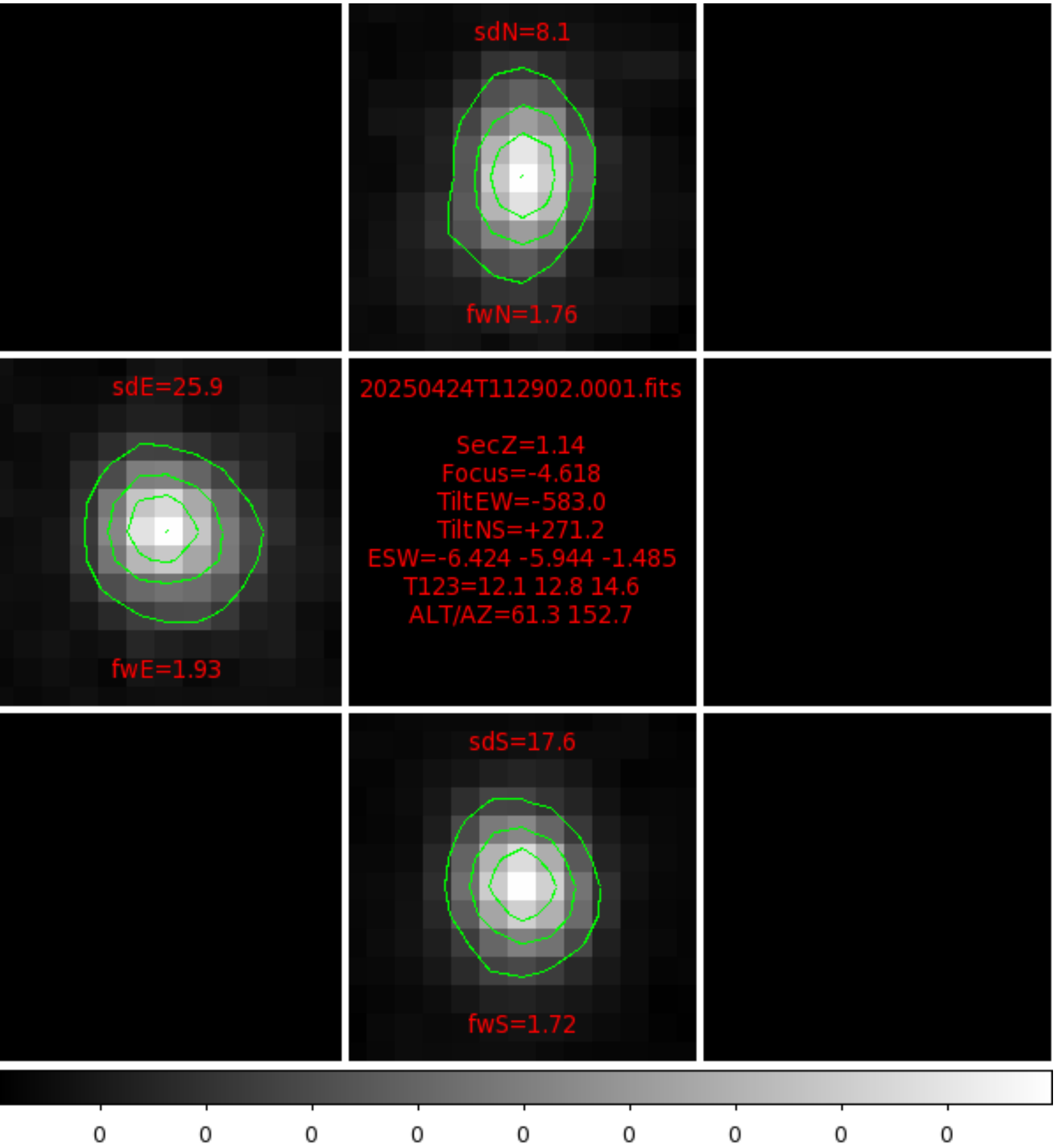
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20250424T112902.0001.fits
SecZ=1.14
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.1 12.8 14.6
ALT/AZ=61.3 152.7
sdS=17.6
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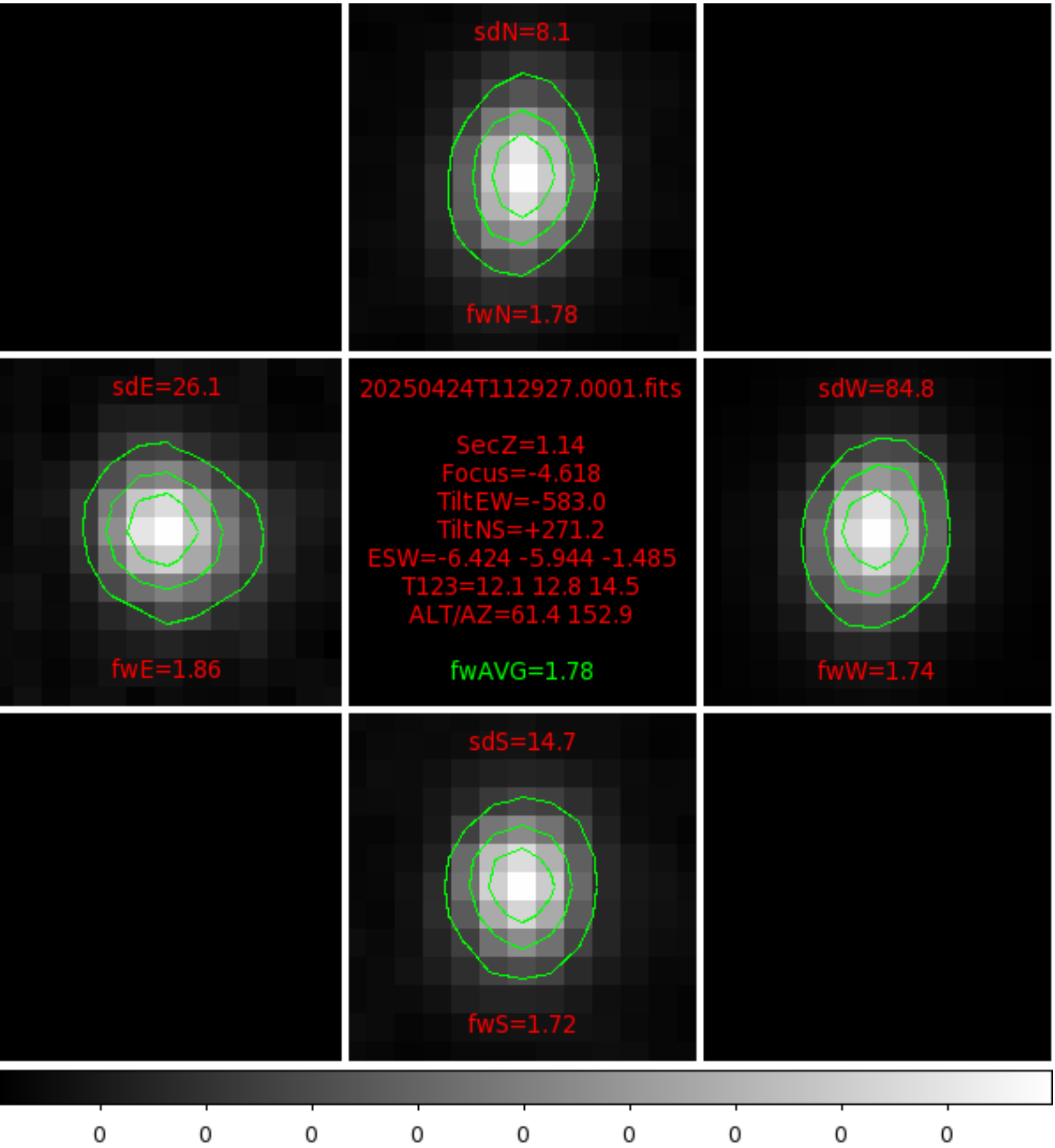
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SecZ=1.14
Focus=-4.618
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.424 -5.944 -1.485
T123=12.1 12.8 14.5
ALT/AZ=61.4 152.9
fwAVG=1.78
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sdS=14.7
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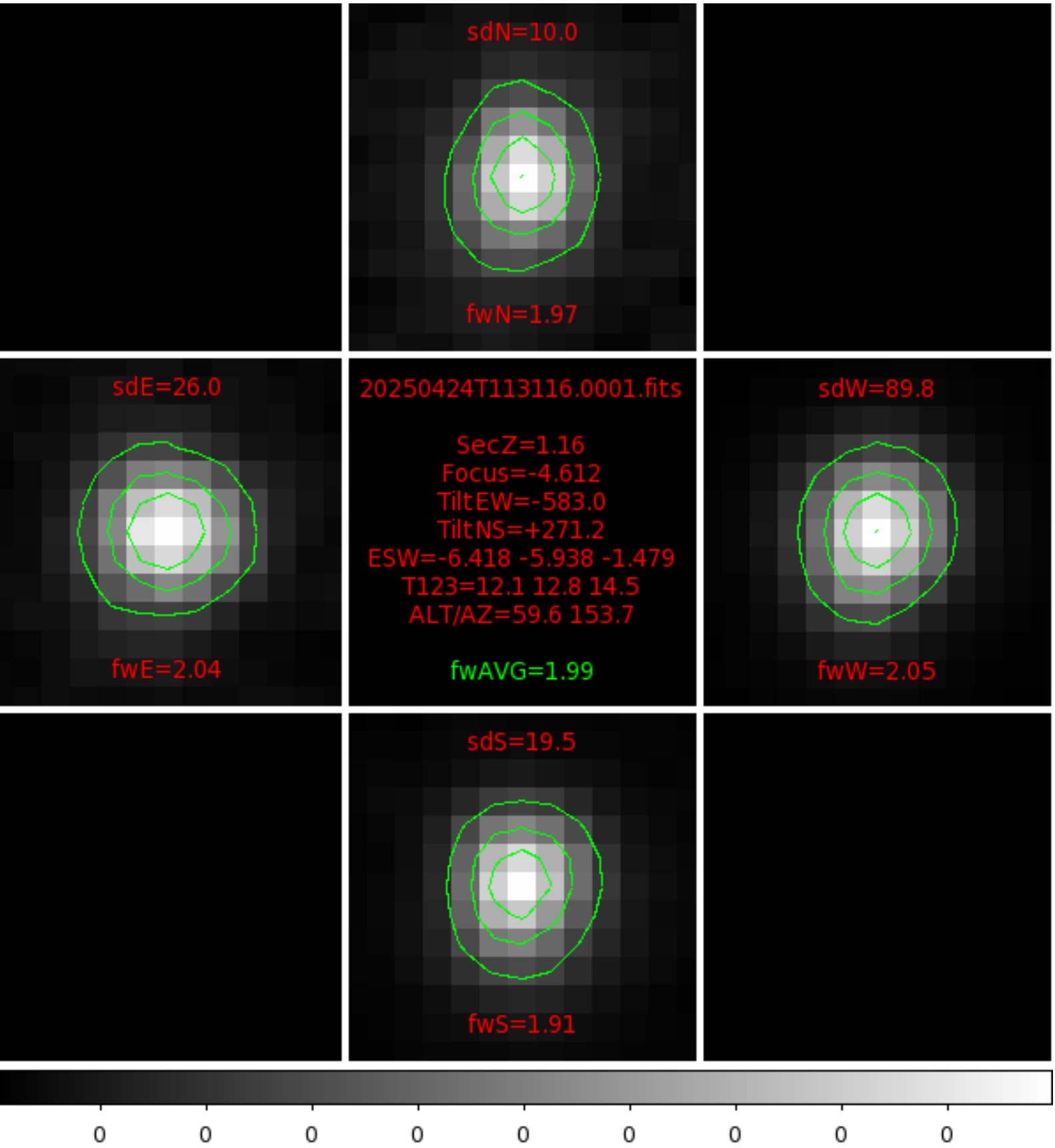
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fwN=1.97
sdE=26.0
fwE=2.04
20250424T113116.0001.fits
SecZ=1.16
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.1 12.8 14.5
ALT/AZ=59.6 153.7
fwAVG=1.99
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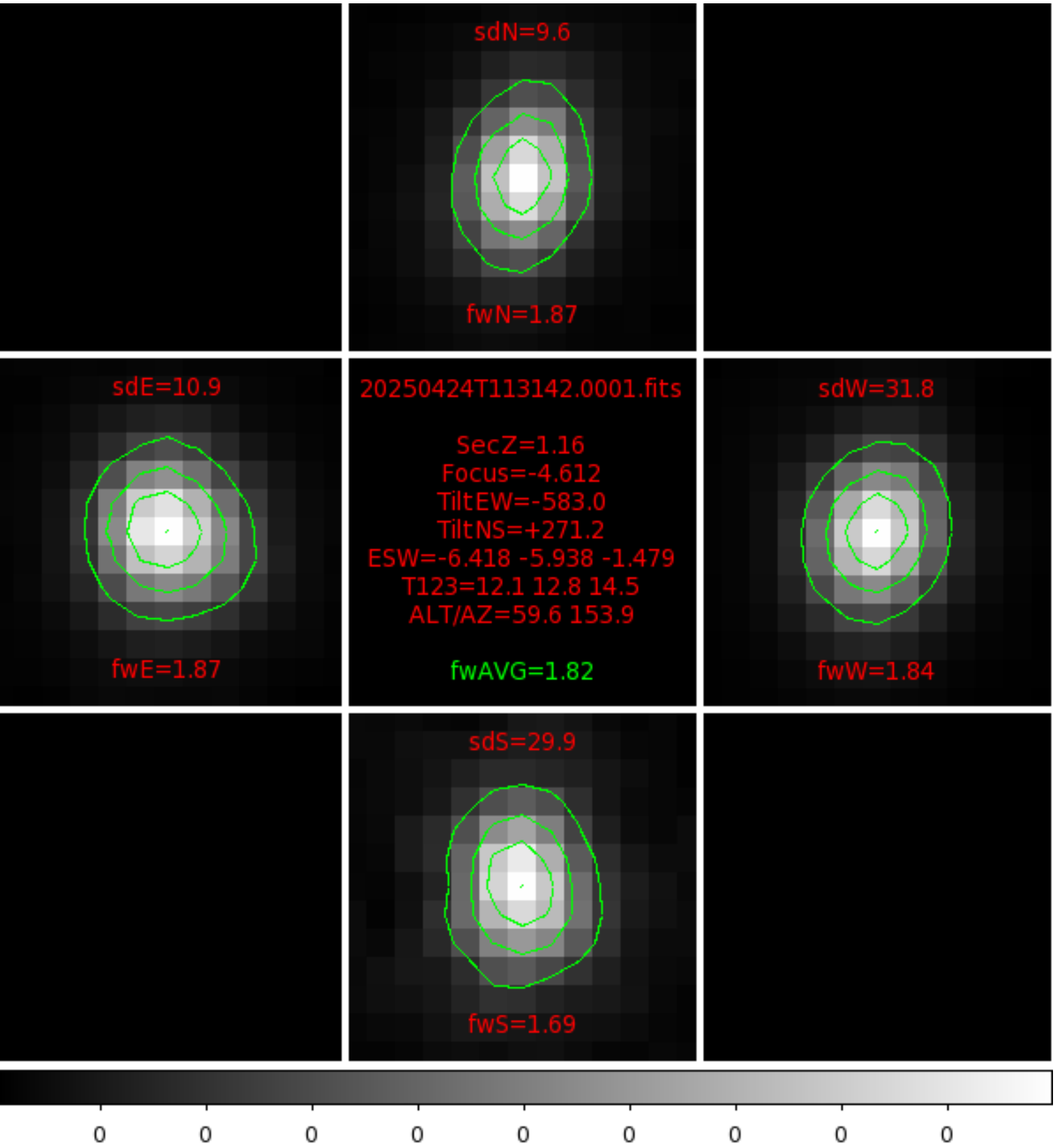
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fwE=1.87
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SecZ=1.16
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.1 12.8 14.5
ALT/AZ=59.6 153.9
fwAVG=1.82
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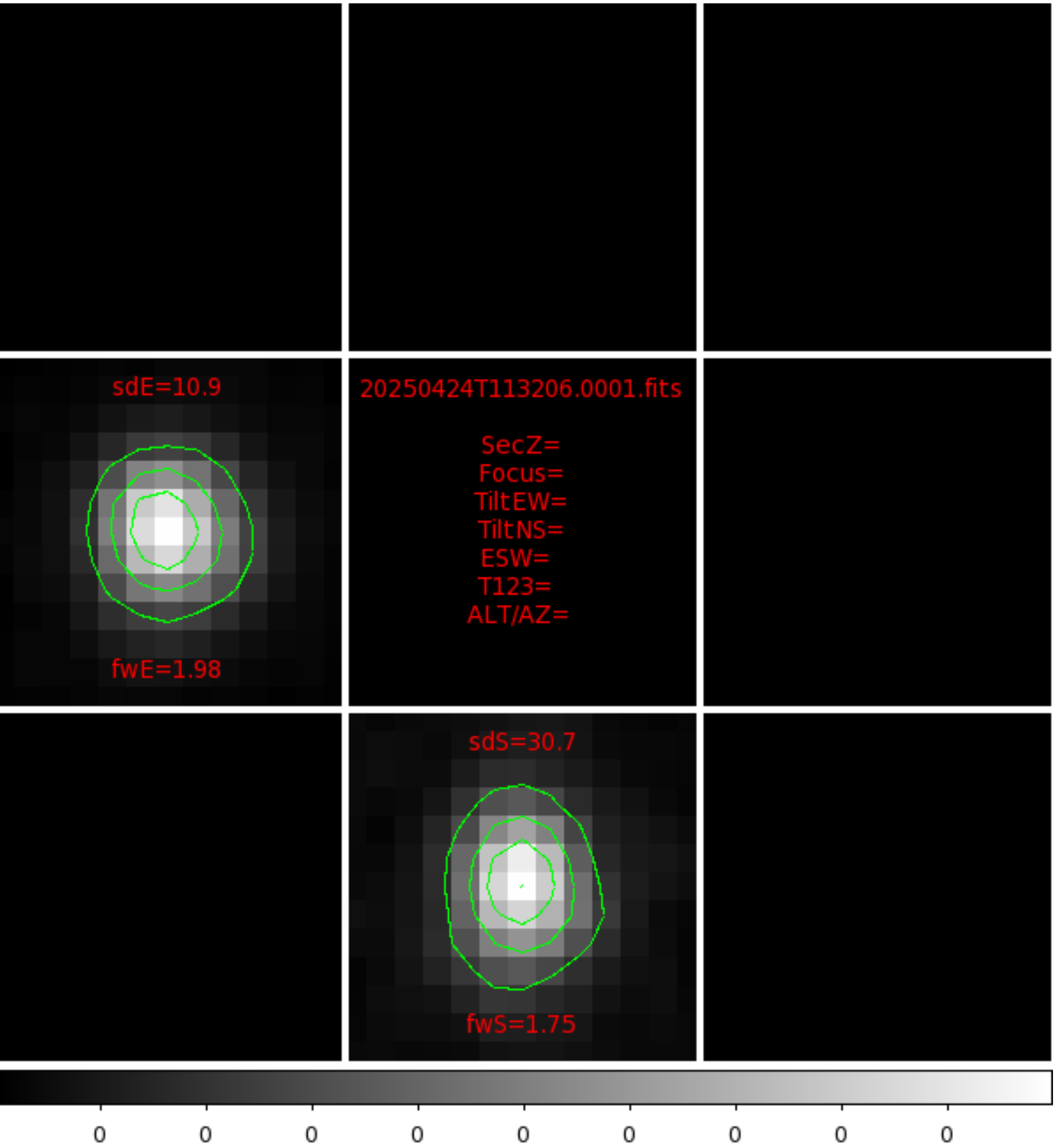
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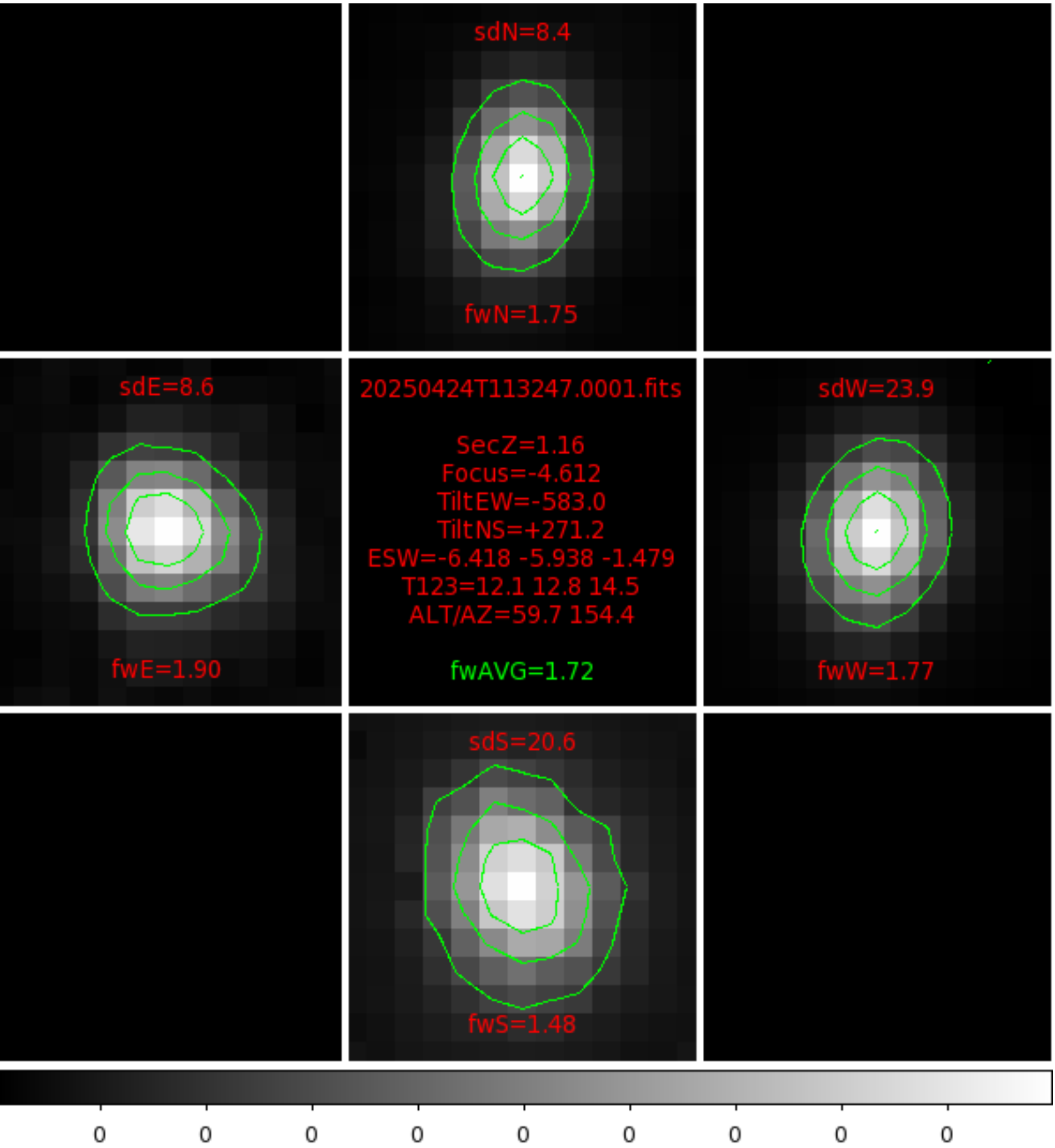
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SecZ=1.16
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.1 12.8 14.5
ALT/AZ=59.7 154.4
fwAVG=1.72
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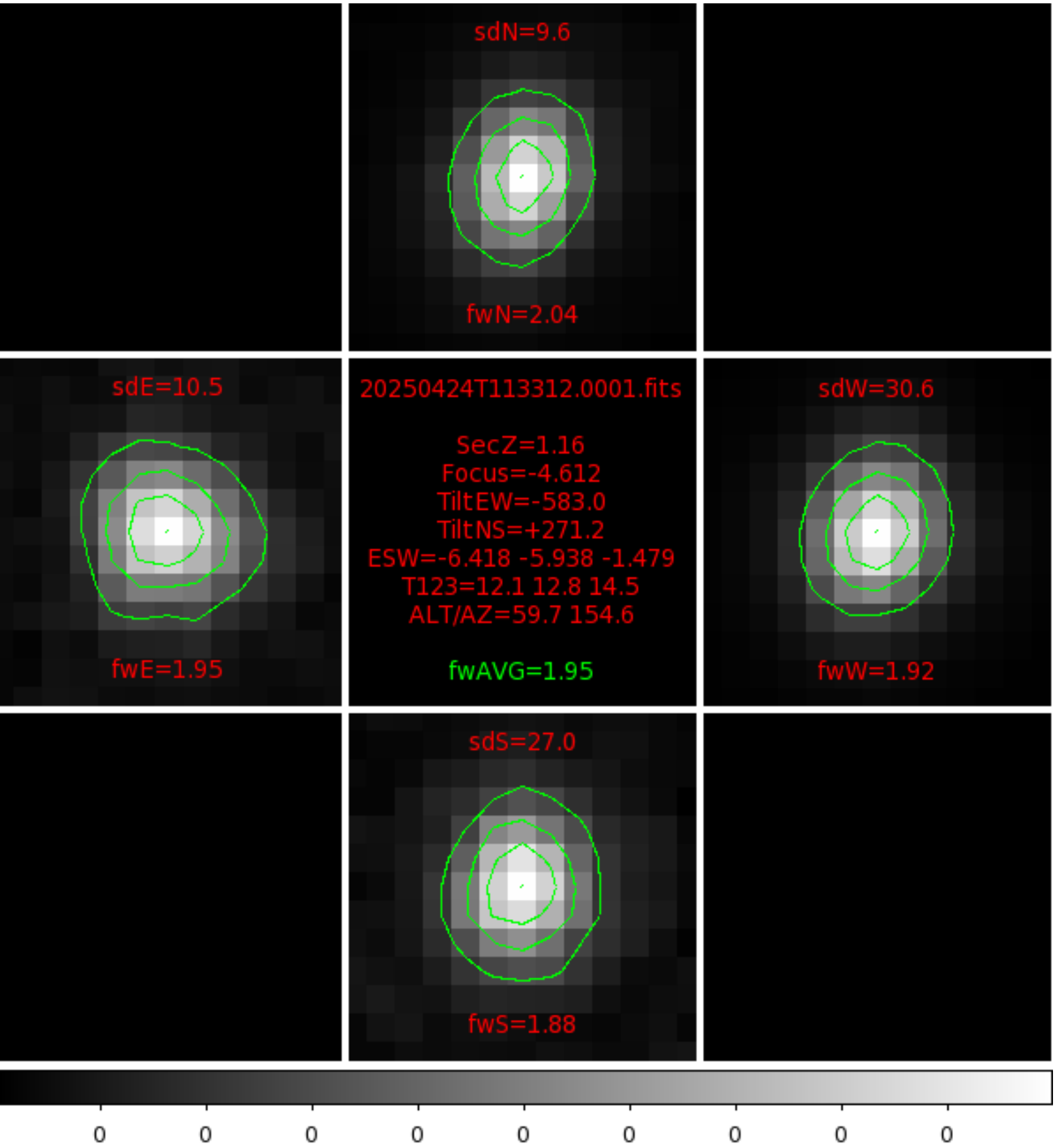
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SecZ=1.16
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.1 12.8 14.5
ALT/AZ=59.7 154.6
fwAVG=1.95
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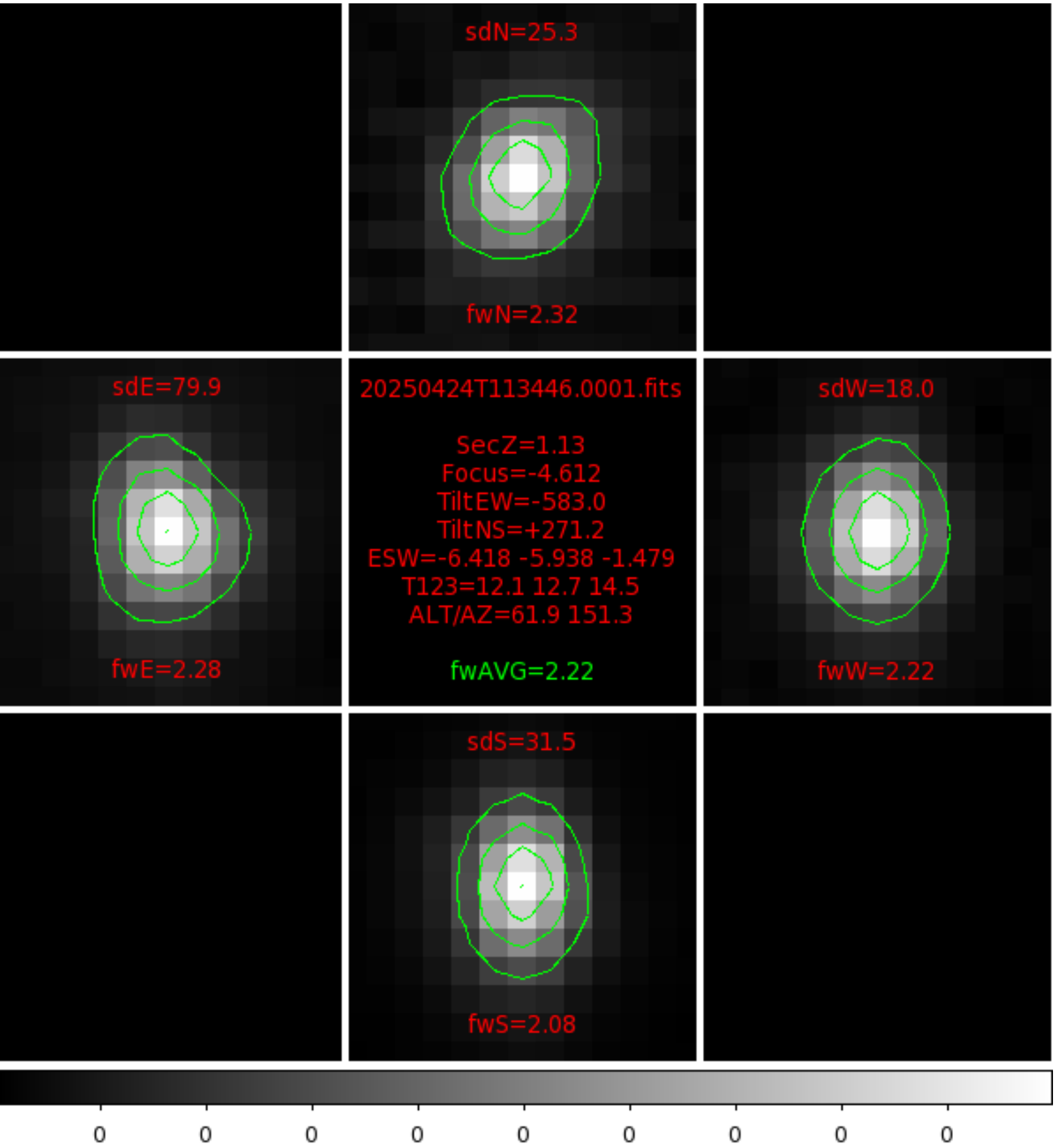
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SecZ=1.13
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.1 12.7 14.5
ALT/AZ=61.9 151.3
fwAVG=2.22
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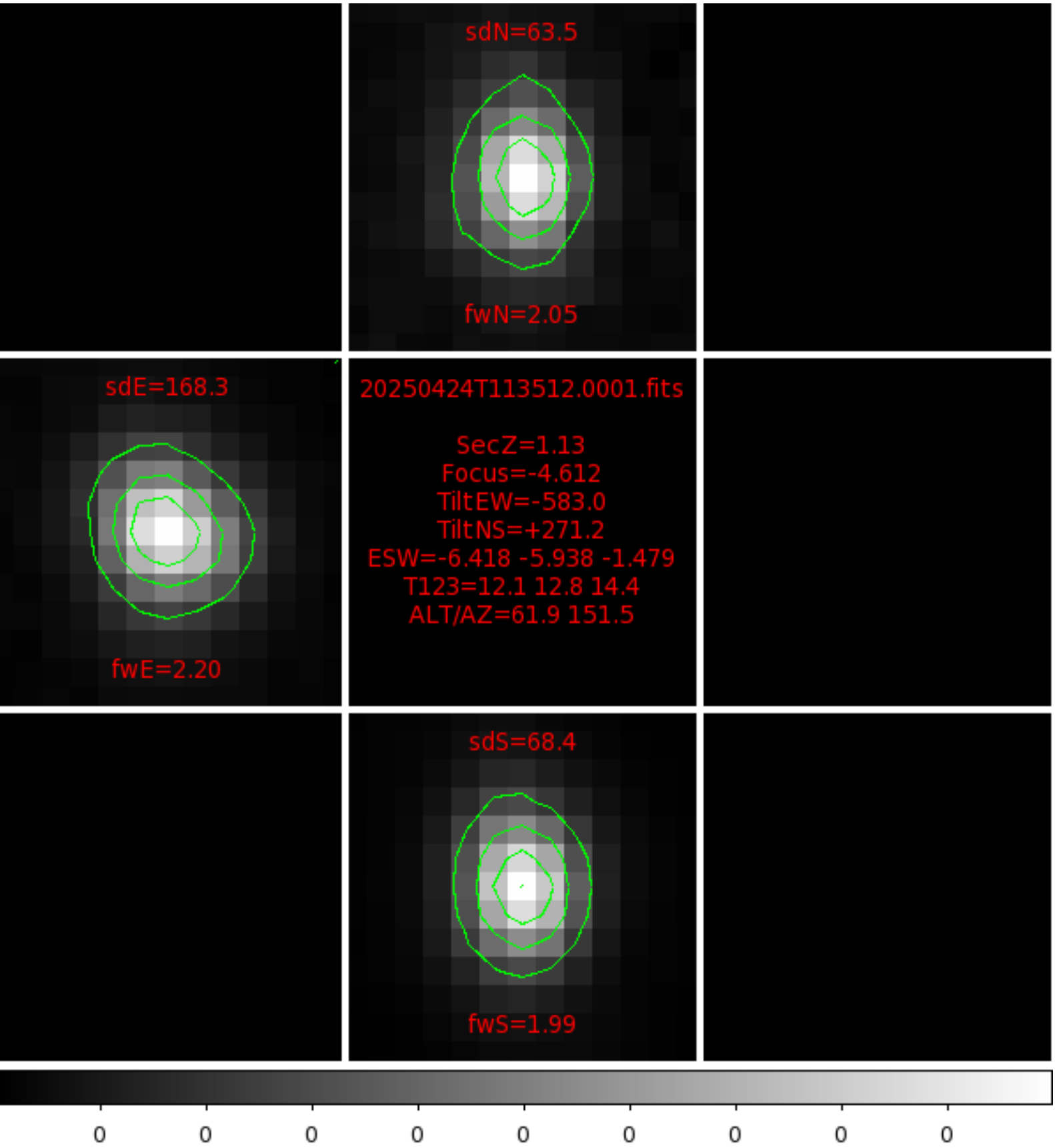
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SecZ=1.13
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.1 12.8 14.4
ALT/AZ=61.9 151.5
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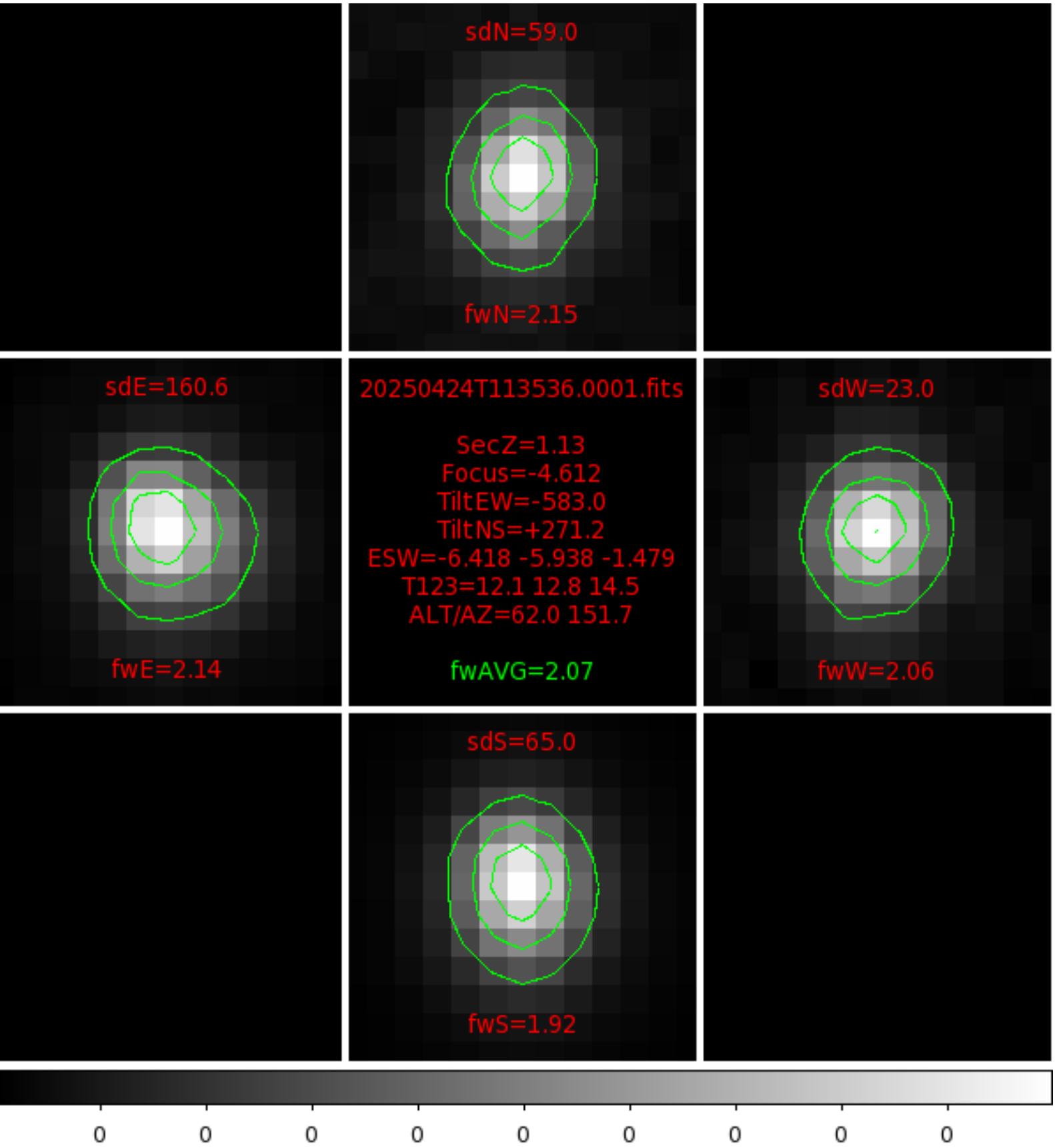
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SecZ=1.13
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.1 12.8 14.5
ALT/AZ=62.0 151.7
fwAVG=2.07
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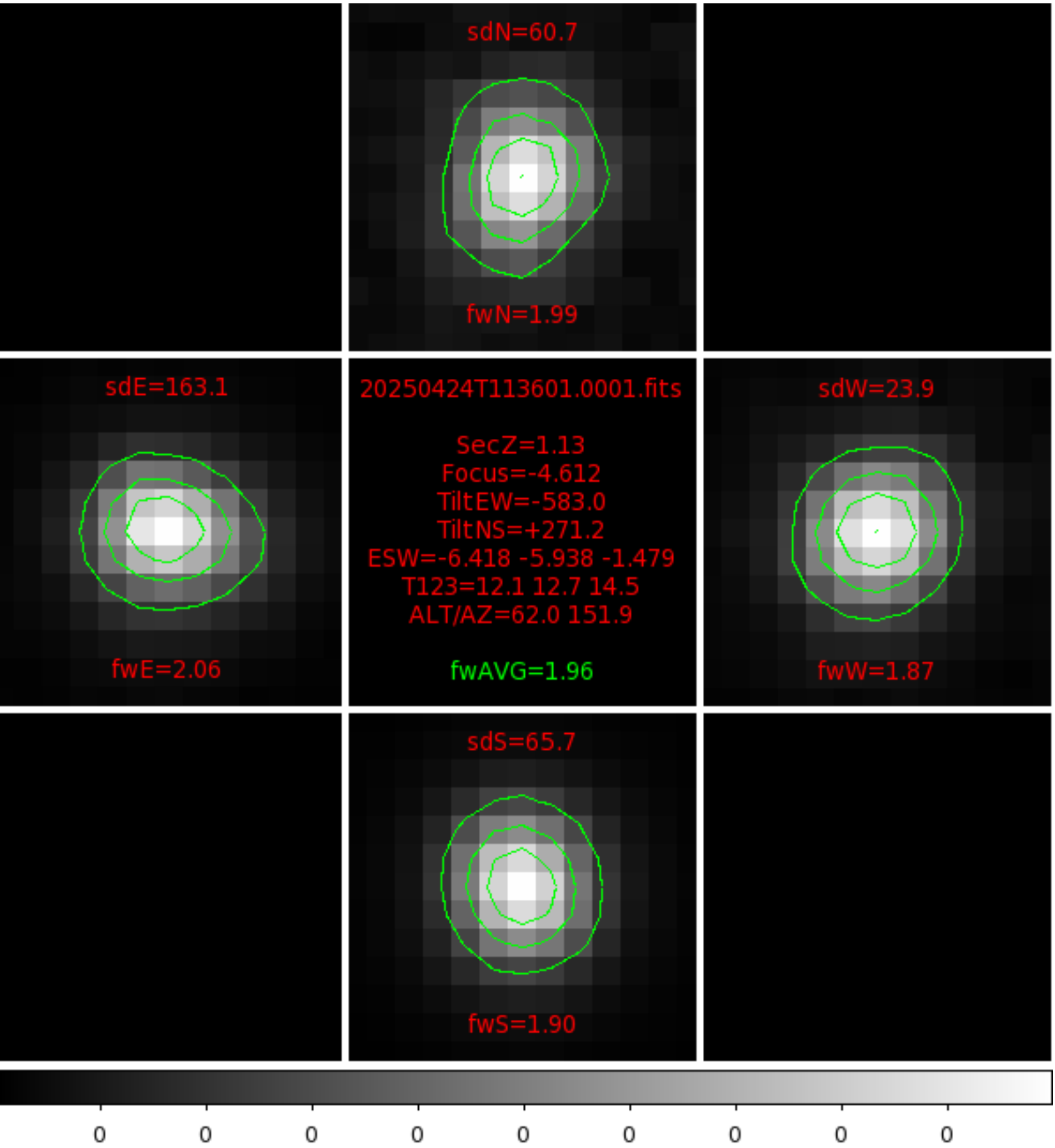
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sdE=163.1
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SecZ=1.13
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.1 12.7 14.5
ALT/AZ=62.0 151.9
fwAVG=1.96
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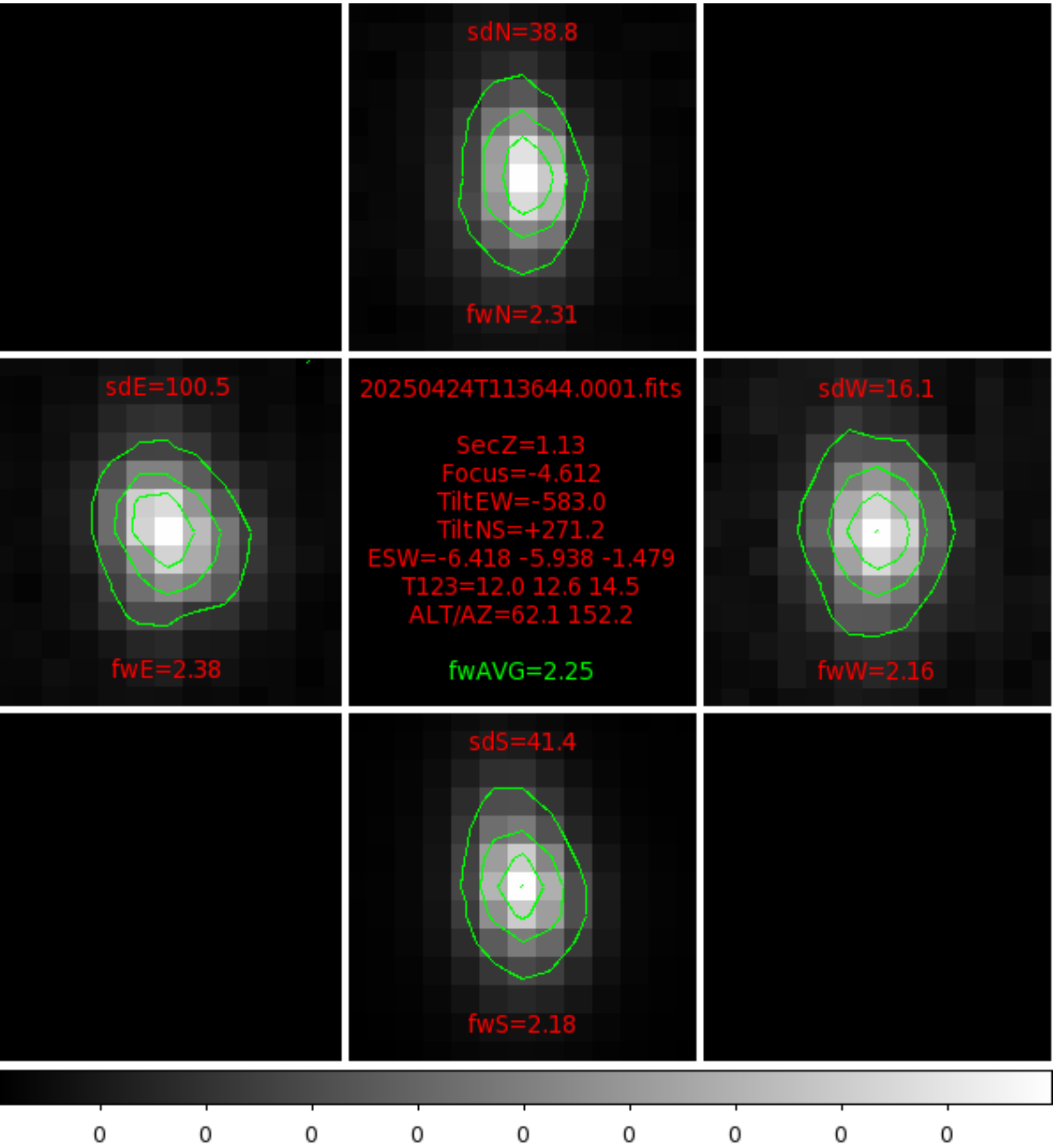
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SecZ=1.13
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.0 12.6 14.5
ALT/AZ=62.1 152.2
fwAVG=2.25
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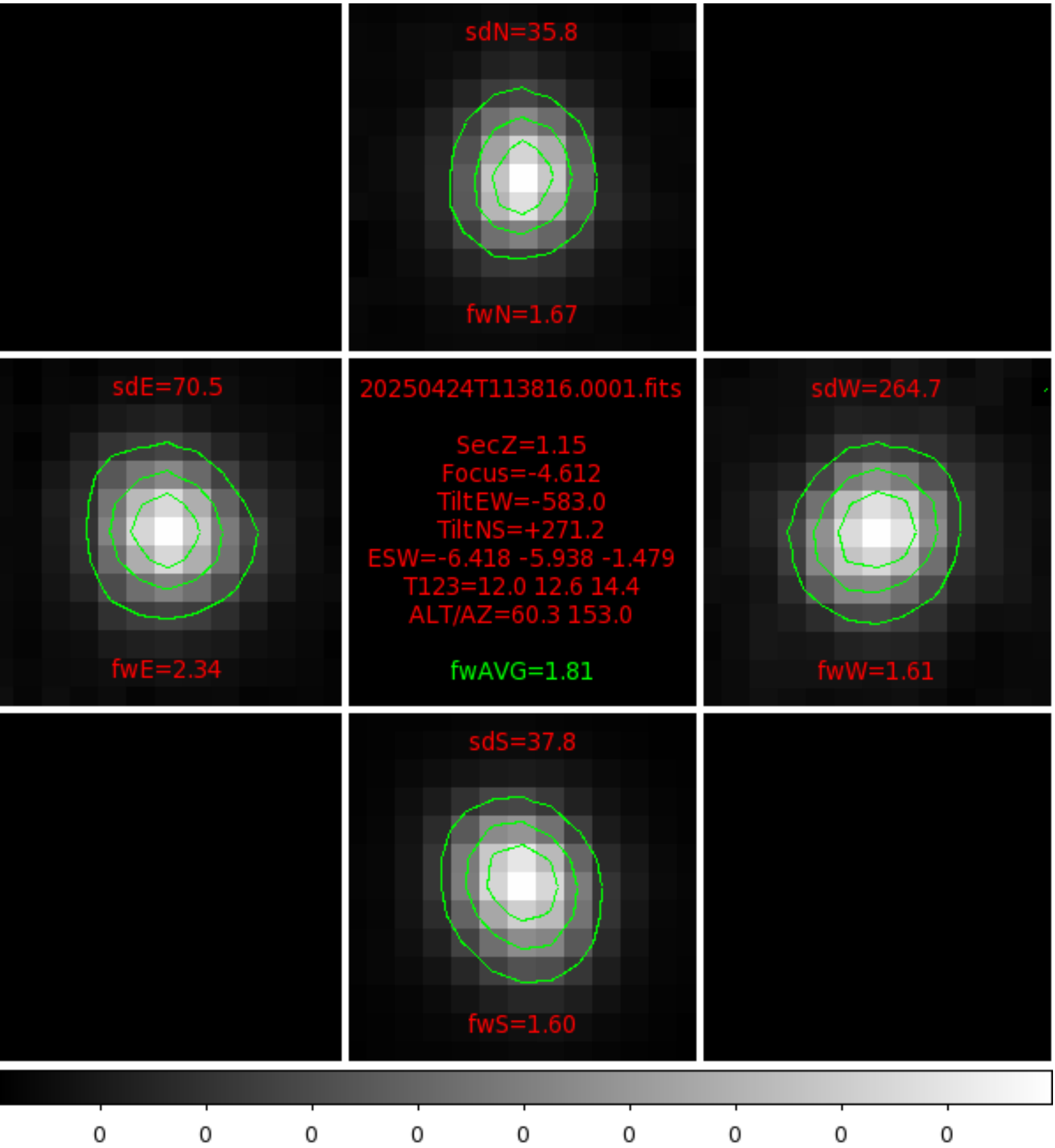
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SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.0 12.6 14.4
ALT/AZ=60.3 153.0
fwAVG=1.81
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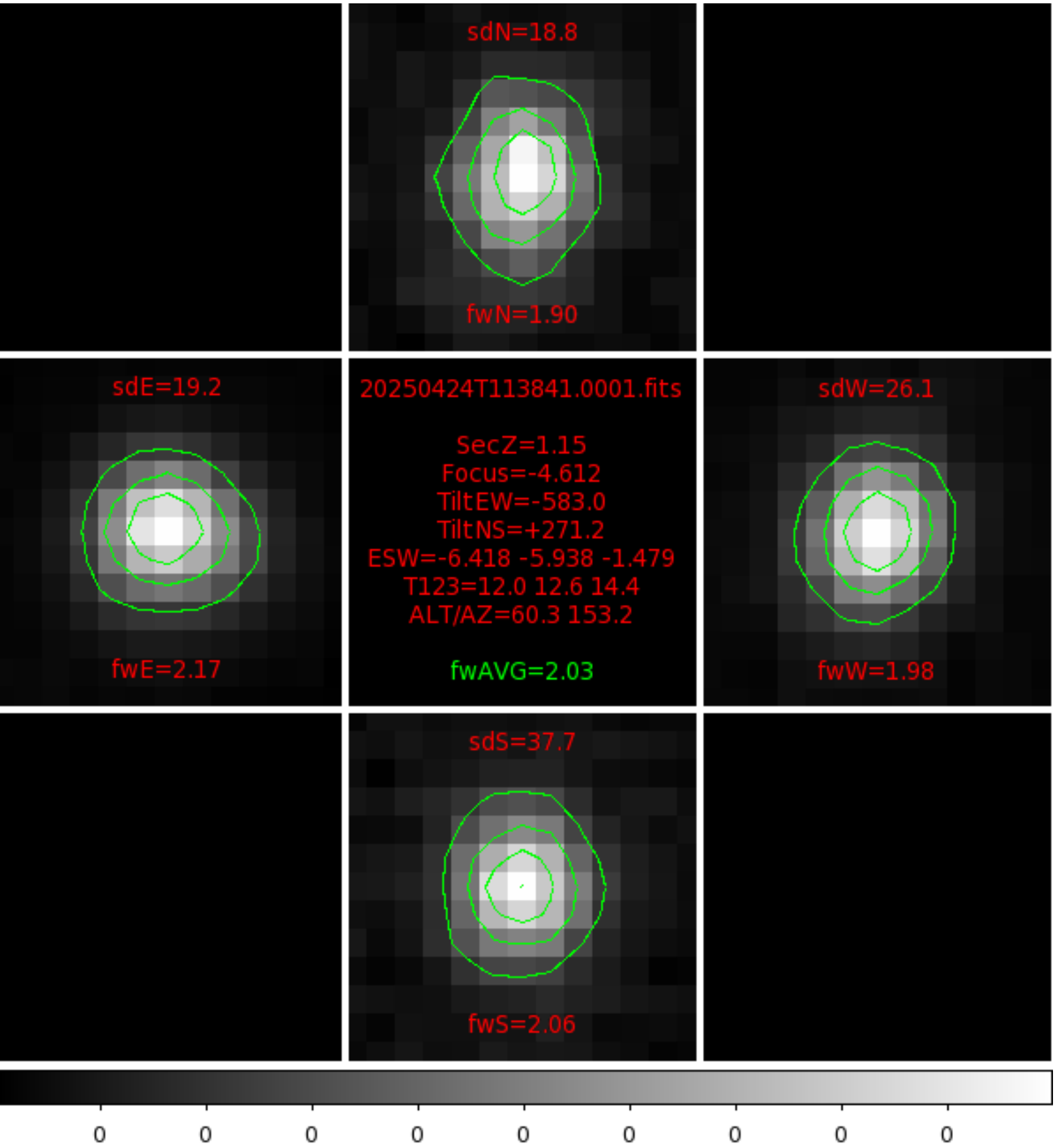
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fwE=2.17
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SecZ=1.15
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.0 12.6 14.4
ALT/AZ=60.3 153.2
fwAVG=2.03
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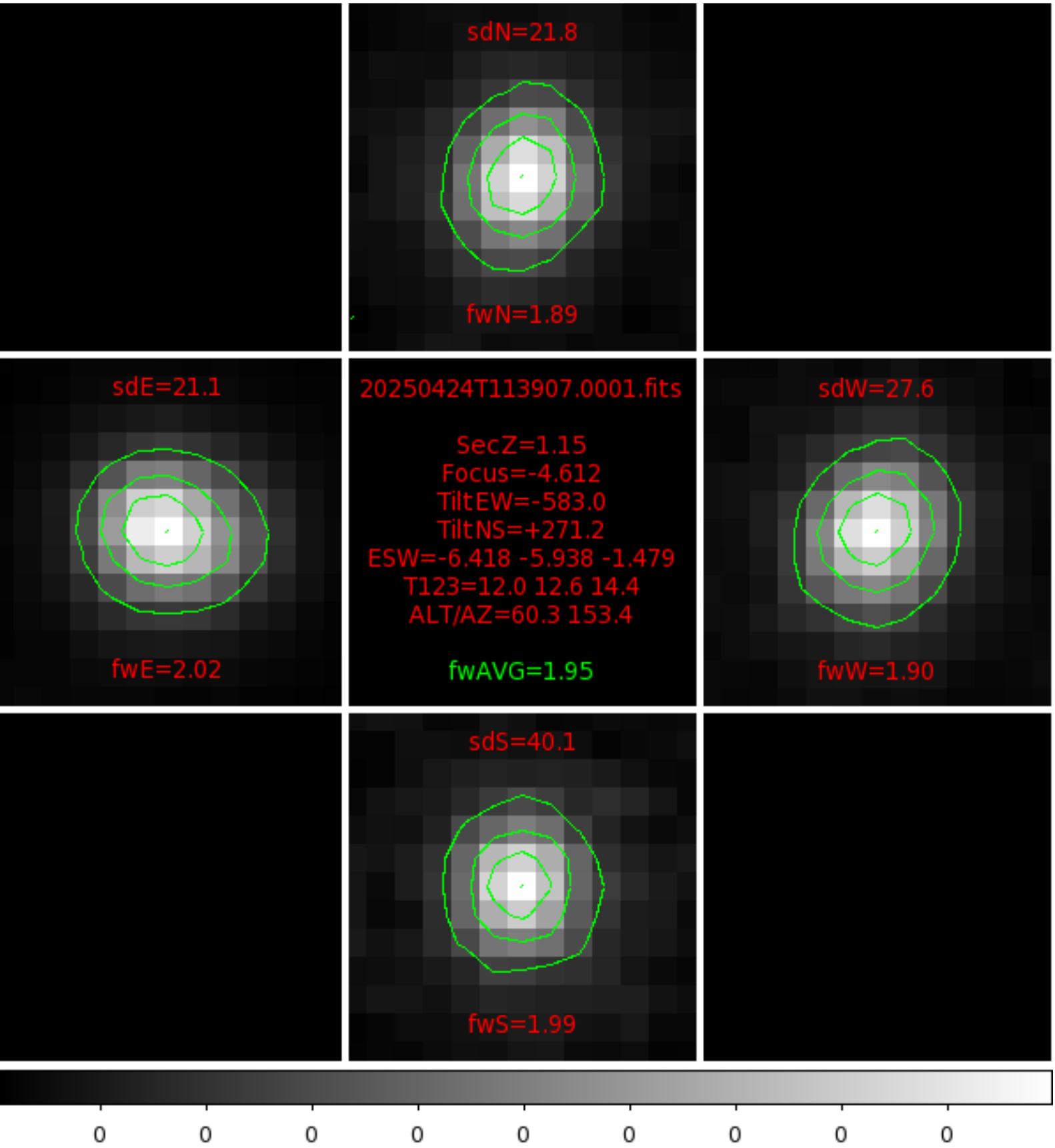
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SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.0 12.6 14.4
ALT/AZ=60.3 153.4
fwAVG=1.95
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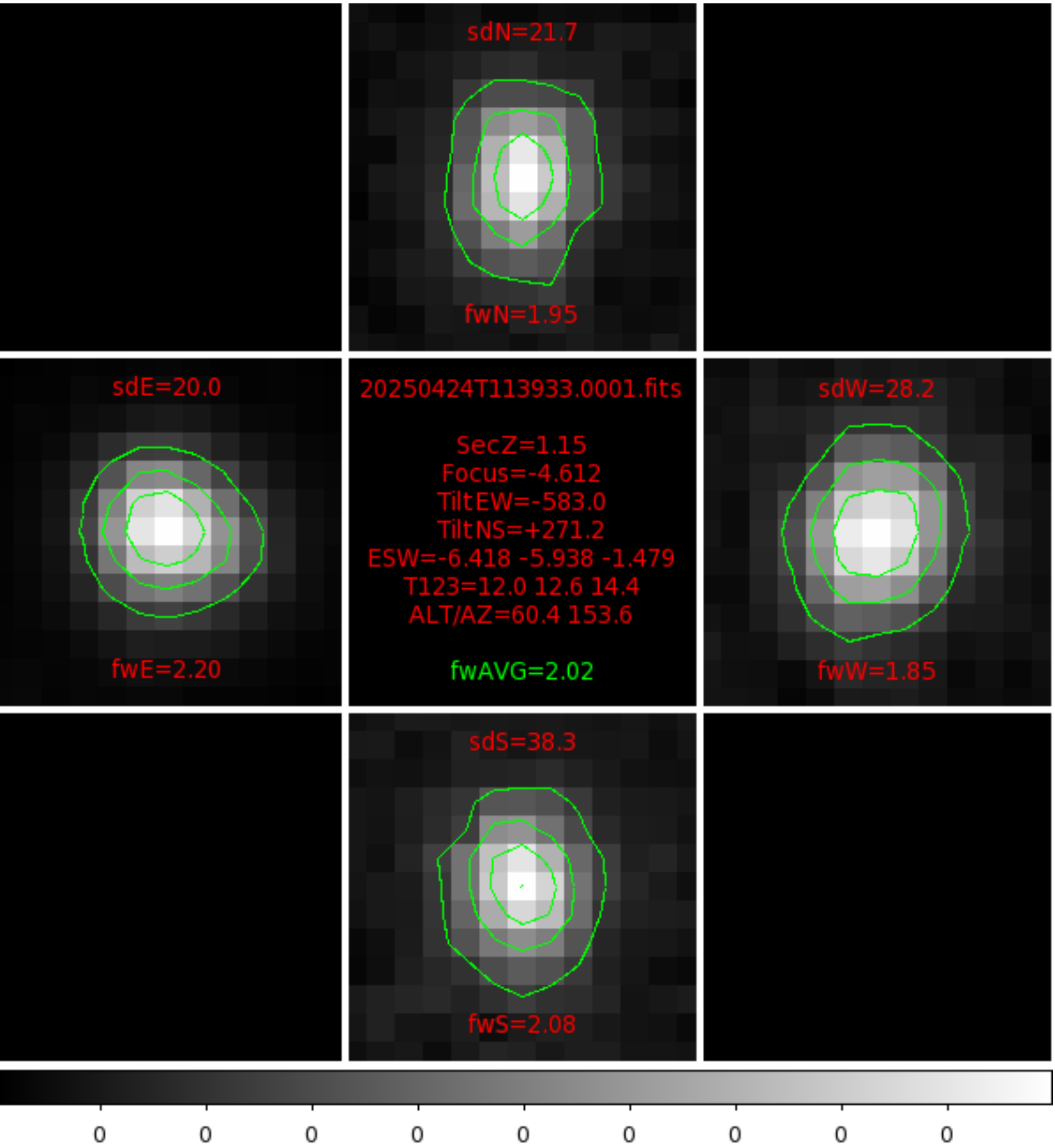
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SecZ=1.15
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.0 12.6 14.4
ALT/AZ=60.4 153.6
fwAVG=2.02
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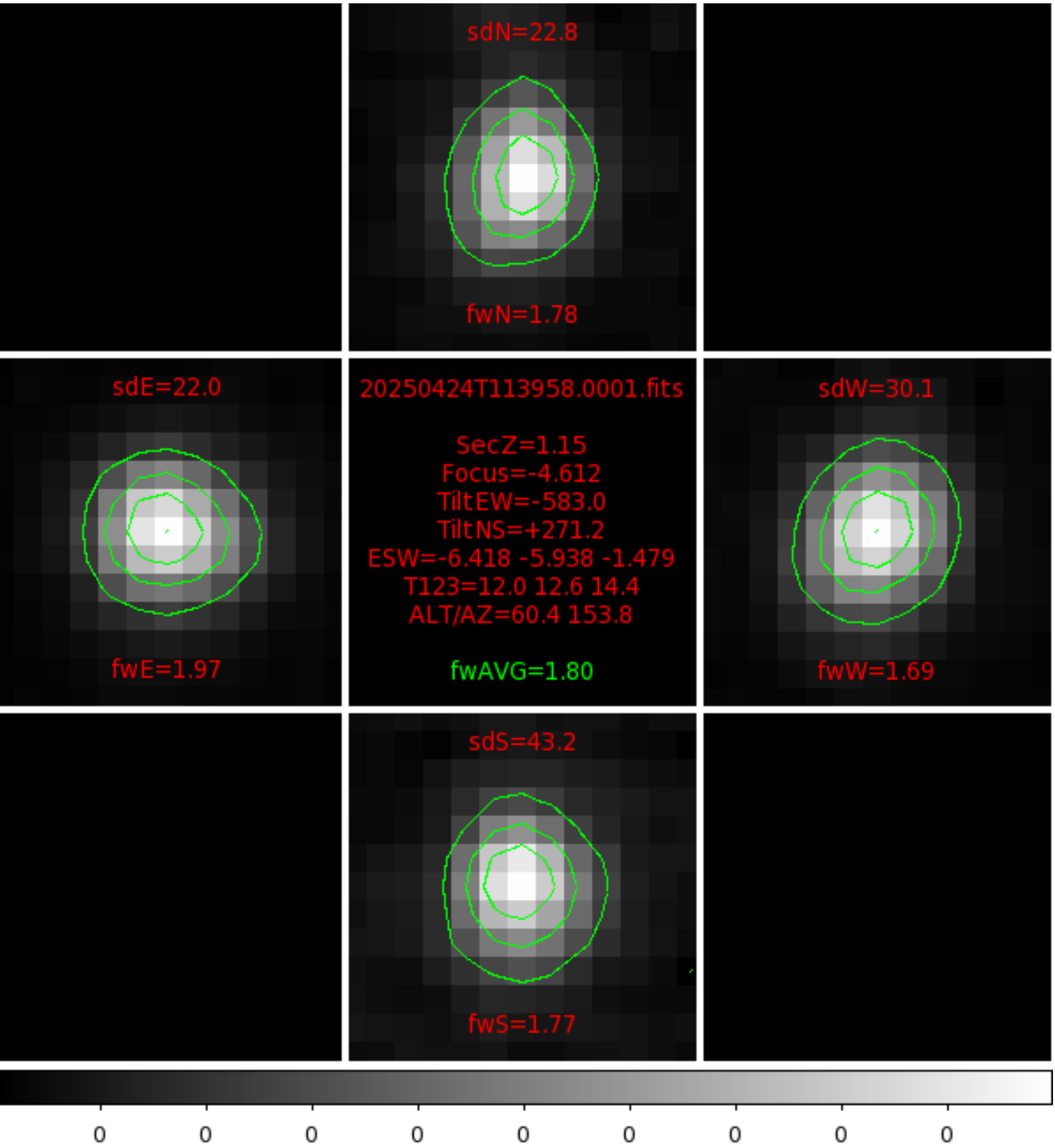
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sdE=22.0
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SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=12.0 12.6 14.4
ALT/AZ=60.4 153.8
fwAVG=1.80
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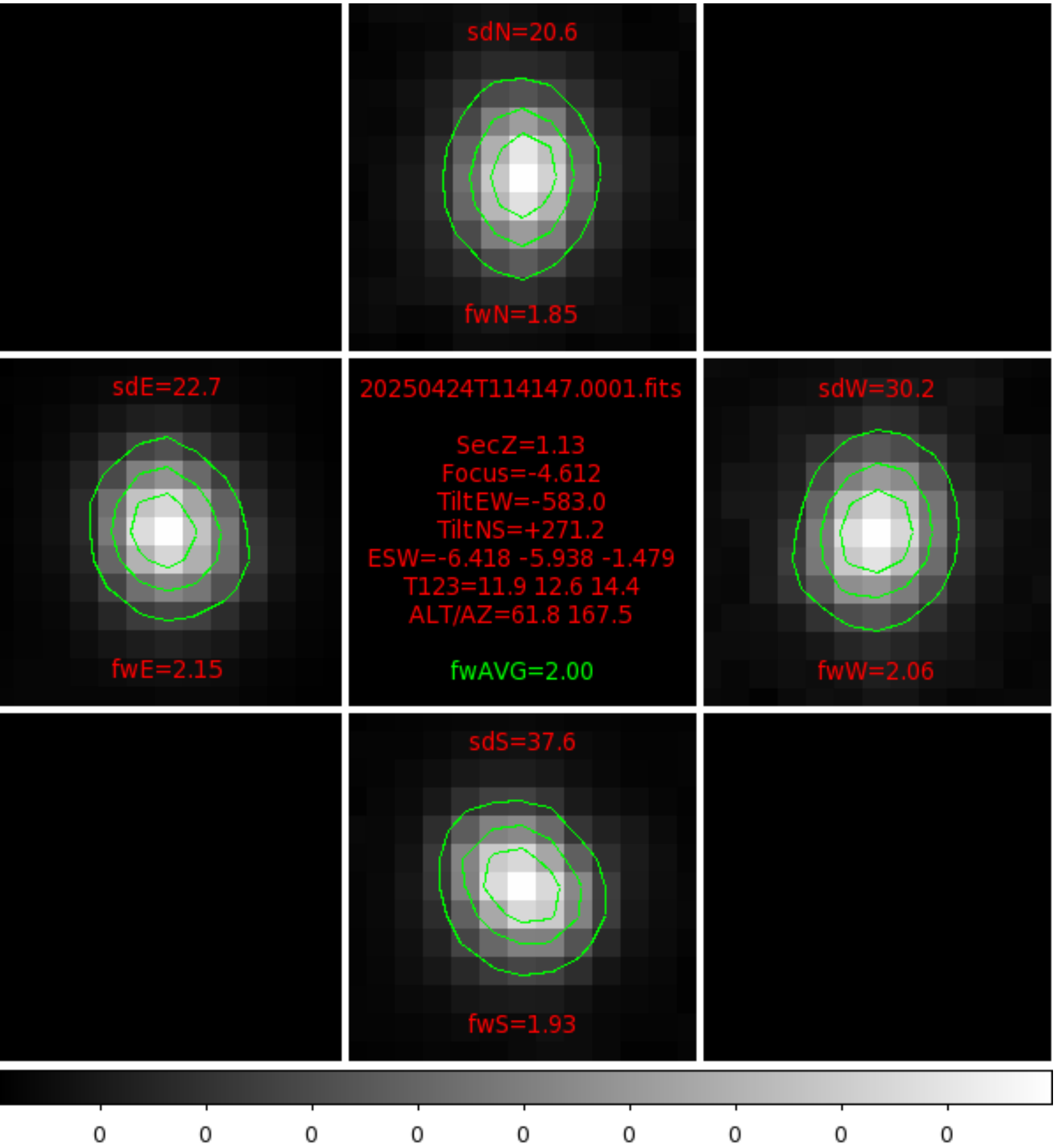
sdN=20.6
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fwE=2.15
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SecZ=1.13
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.9 12.6 14.4
ALT/AZ=61.8 167.5
fwAVG=2.00
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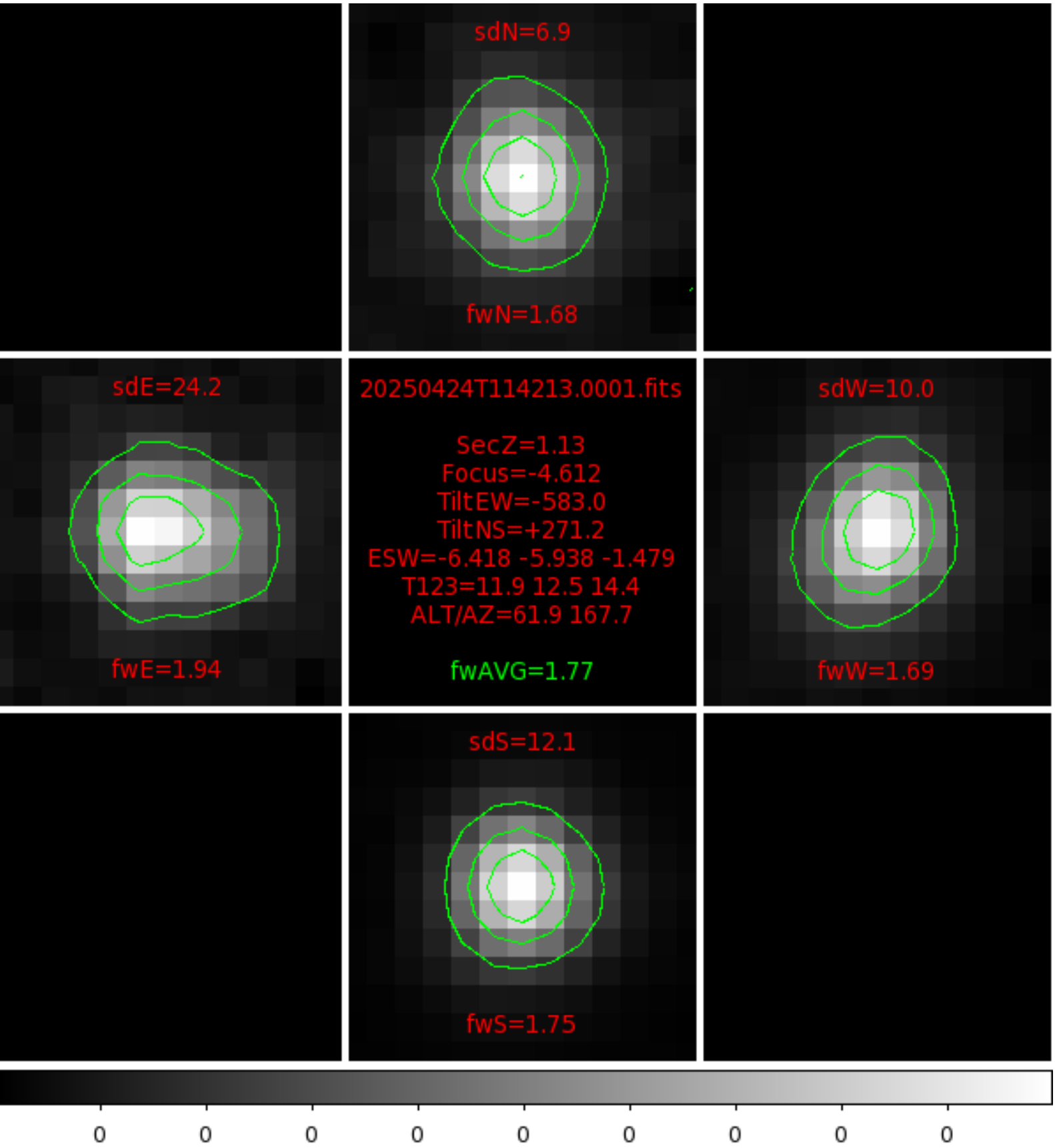
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SecZ=1.13
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TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.9 12.5 14.4
ALT/AZ=61.9 167.7
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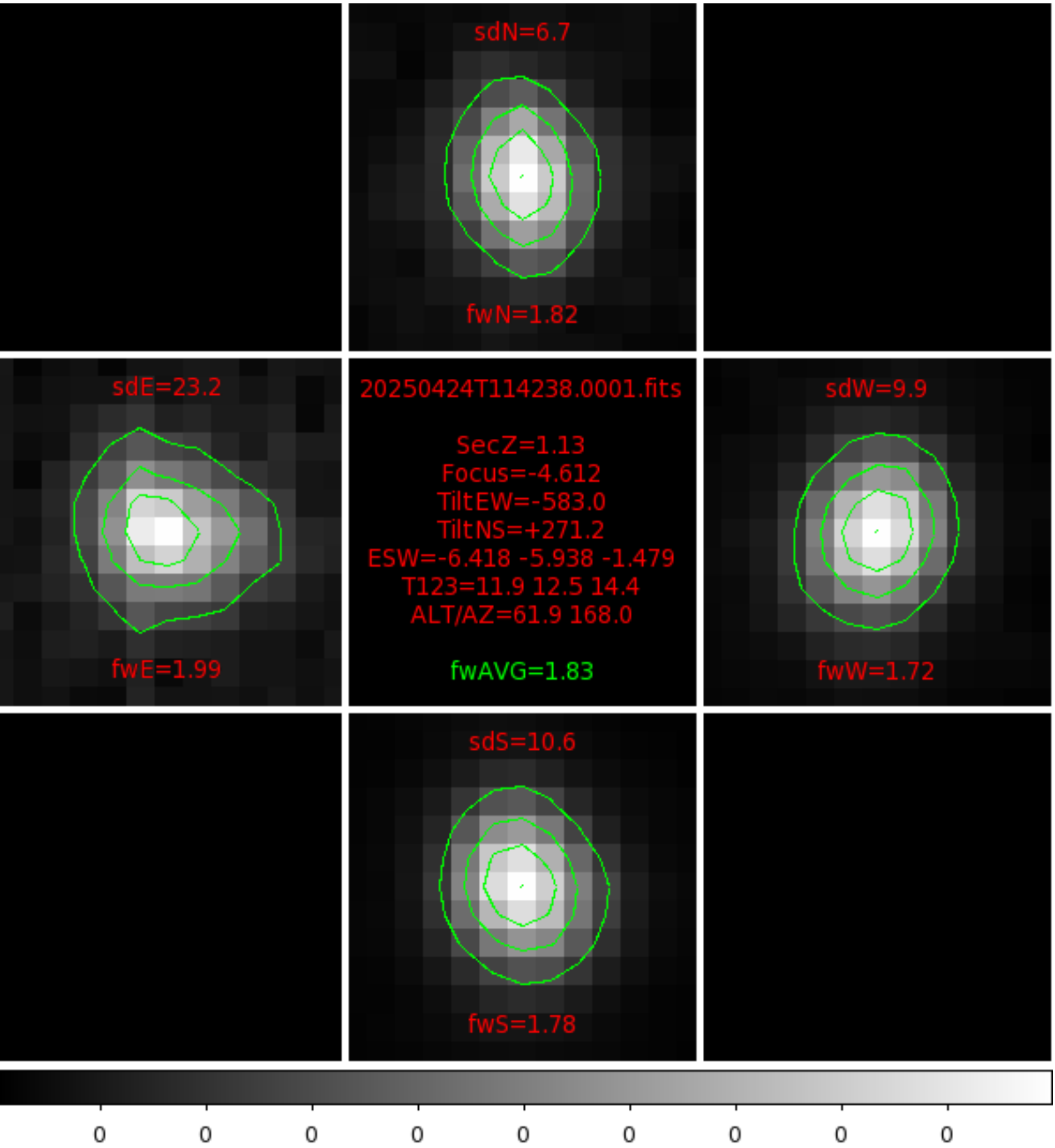
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SecZ=1.13
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.9 12.5 14.4
ALT/AZ=61.9 168.0
fwAVG=1.83
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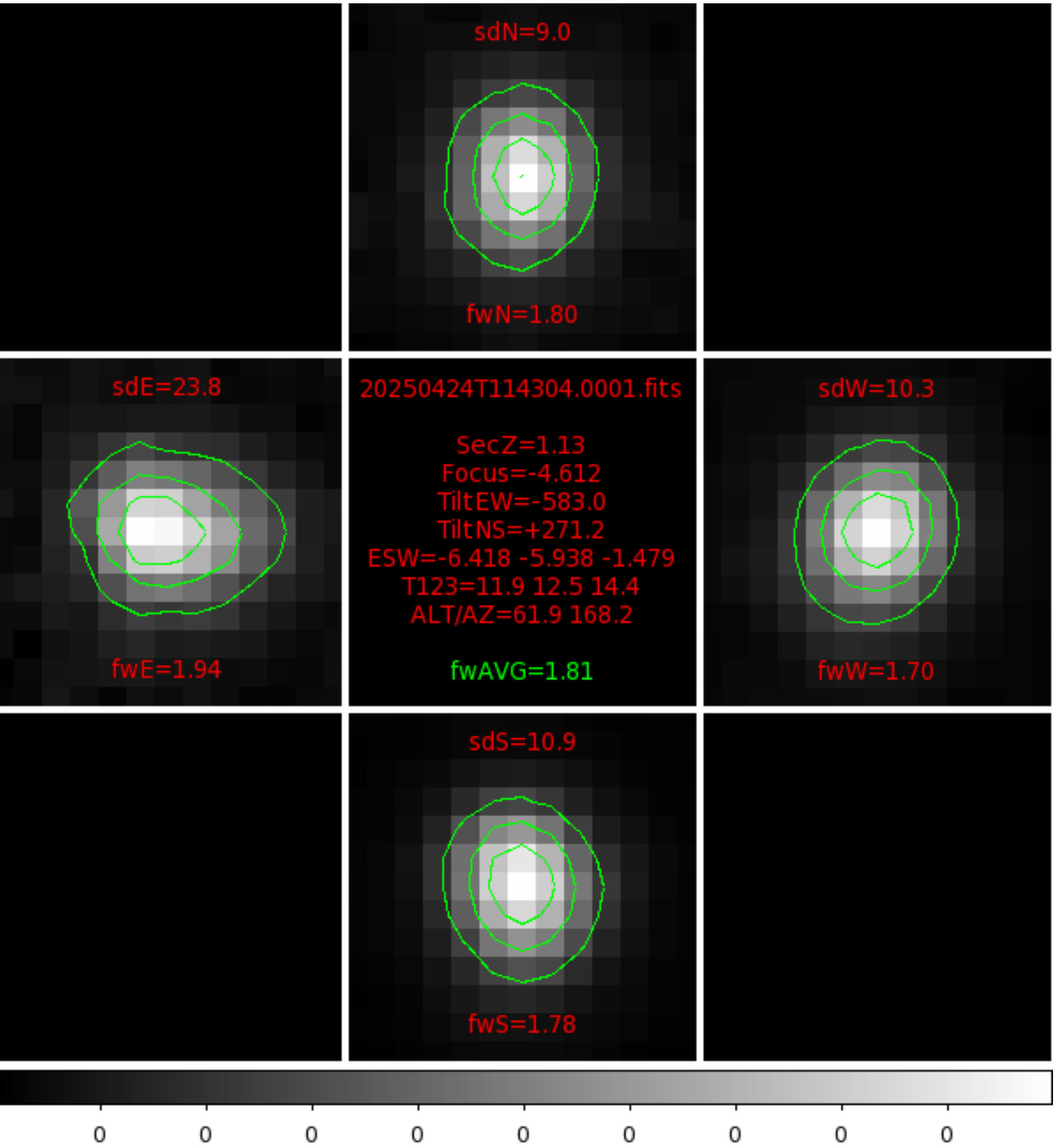
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20250424T114304.0001.fits
SecZ=1.13
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.9 12.5 14.4
ALT/AZ=61.9 168.2
fwAVG=1.81
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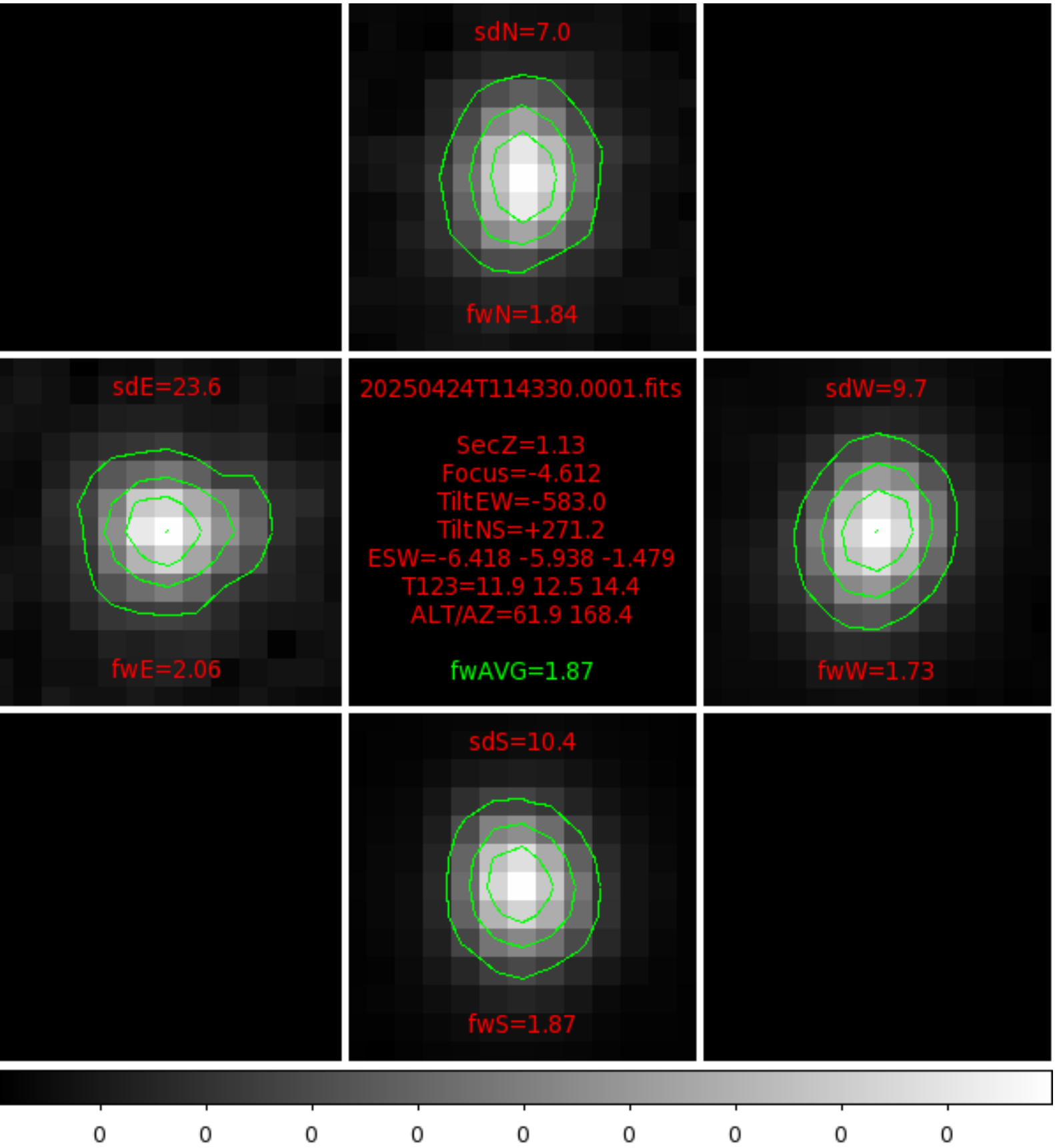
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SecZ=1.13
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.9 12.5 14.4
ALT/AZ=61.9 168.4
fwAVG=1.87
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sdS=10.4
fwS=1.87
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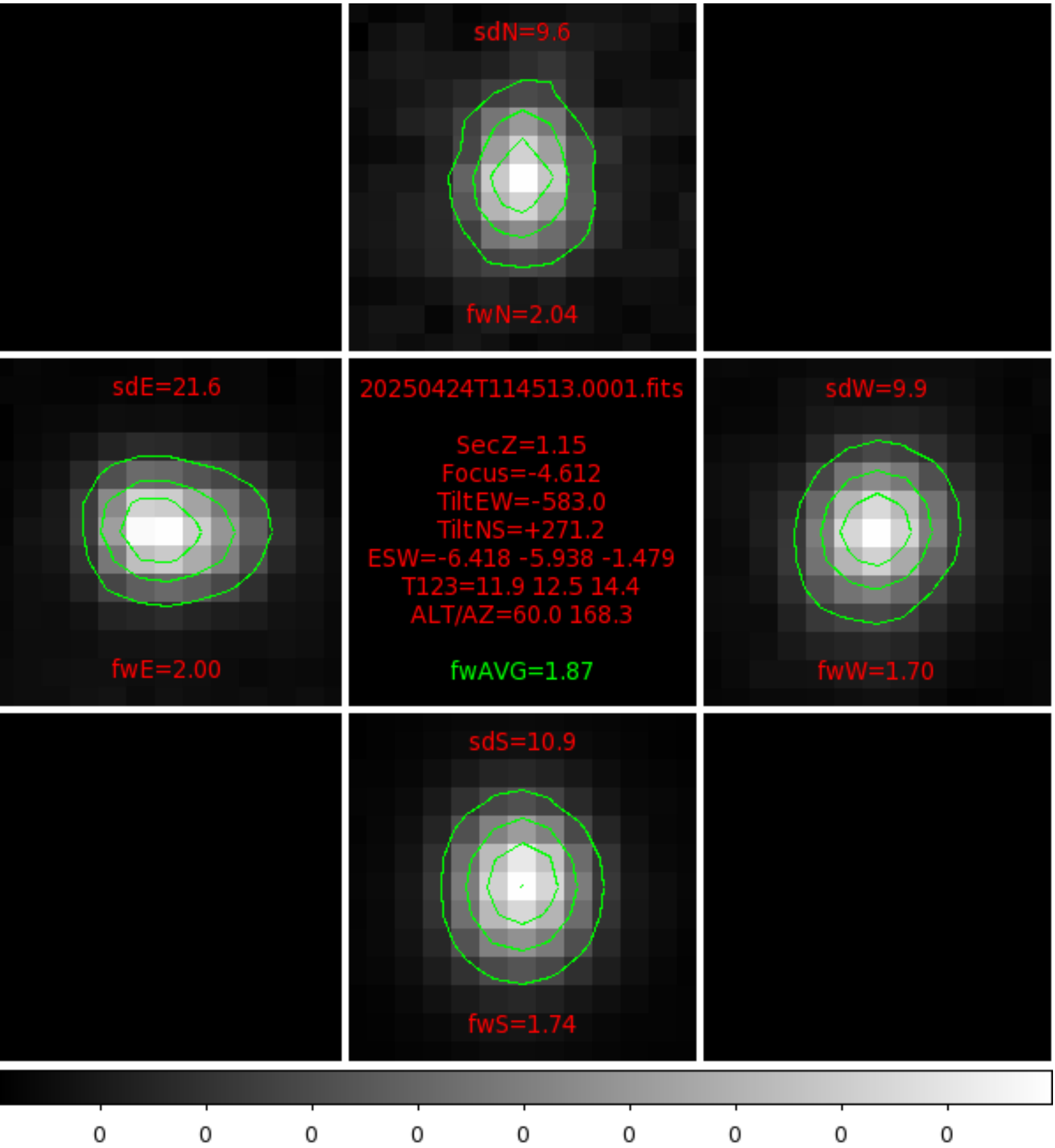
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SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.9 12.5 14.4
ALT/AZ=60.0 168.3
fwAVG=1.87
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fwW=1.70
sdS=10.9
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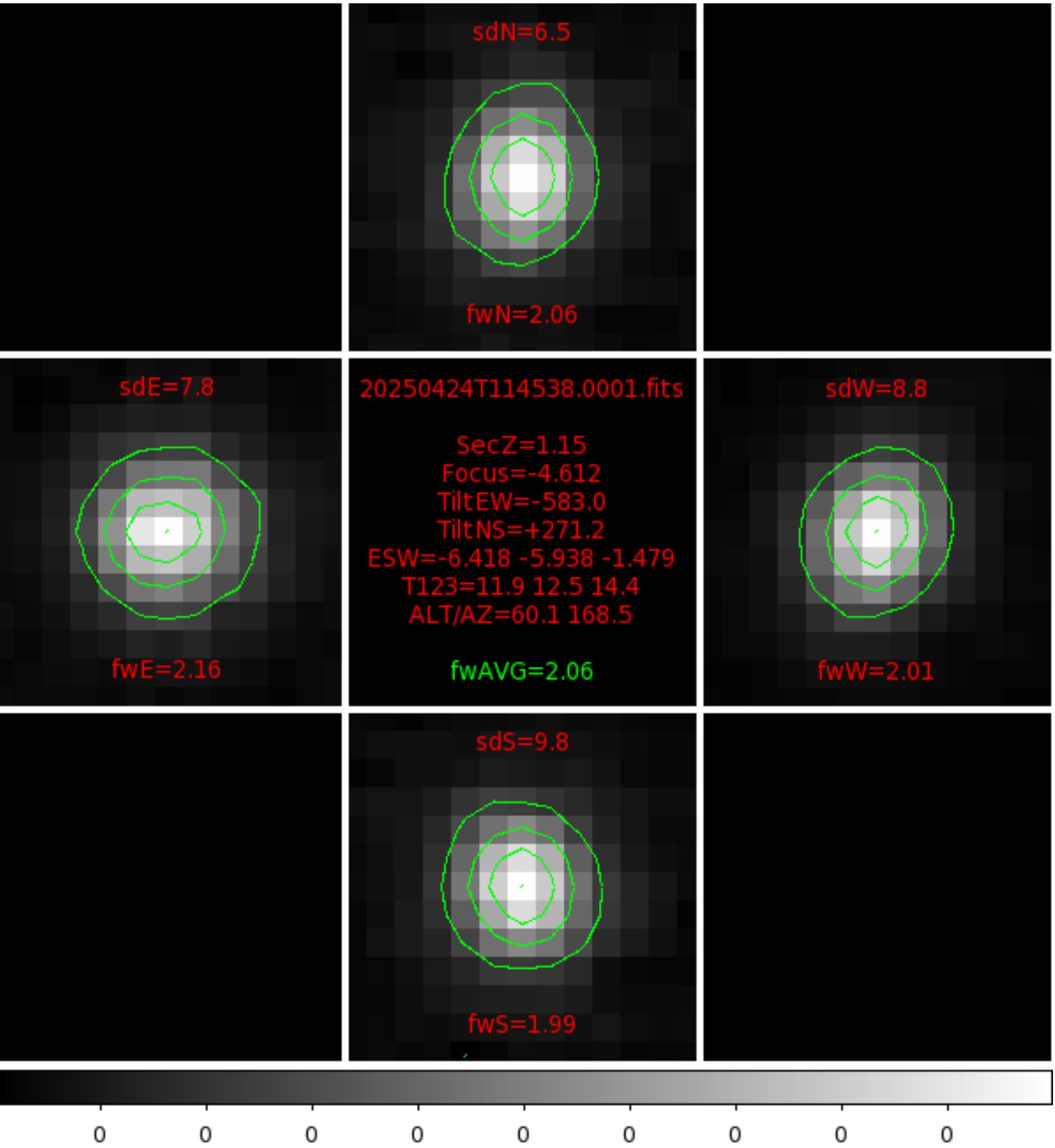
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sdE=7.8
fwE=2.16
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SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.9 12.5 14.4
ALT/AZ=60.1 168.5
fwAVG=2.06
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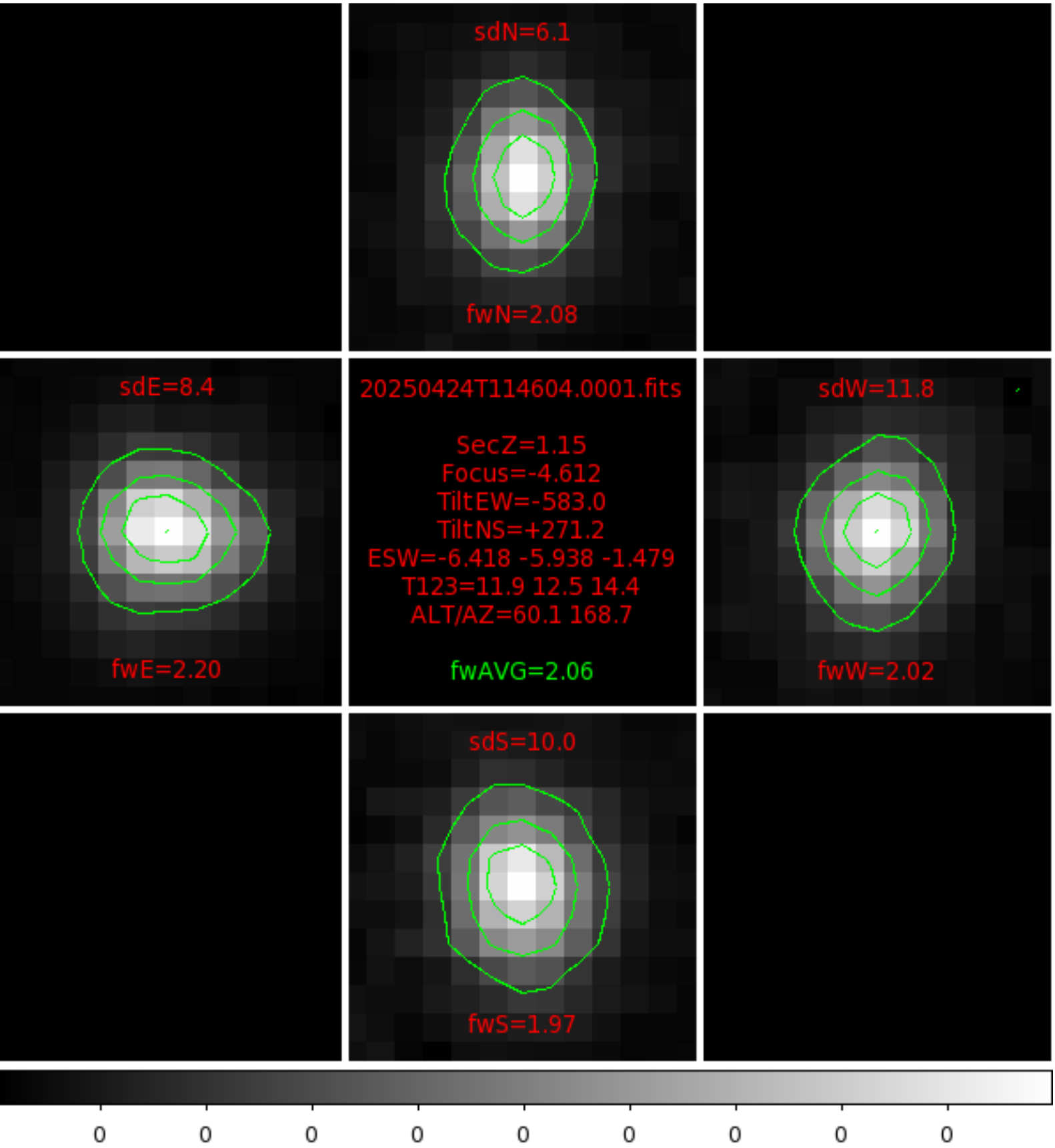
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fwE=2.20
20250424T114604.0001.fits
SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.9 12.5 14.4
ALT/AZ=60.1 168.7
fwAVG=2.06
sdW=11.8
fwW=2.02
sdS=10.0
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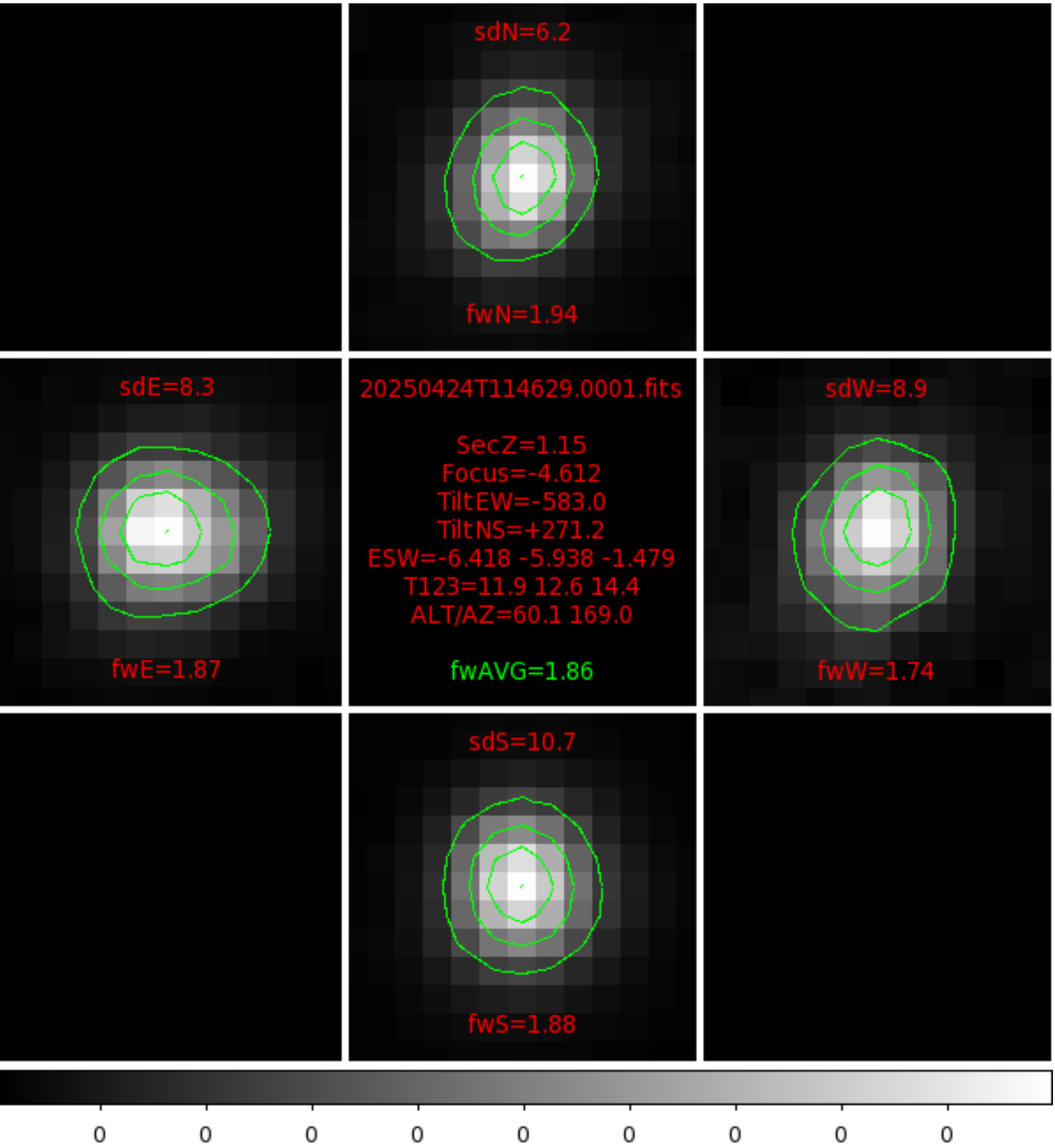
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fwE=1.87
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SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.9 12.6 14.4
ALT/AZ=60.1 169.0
fwAVG=1.86
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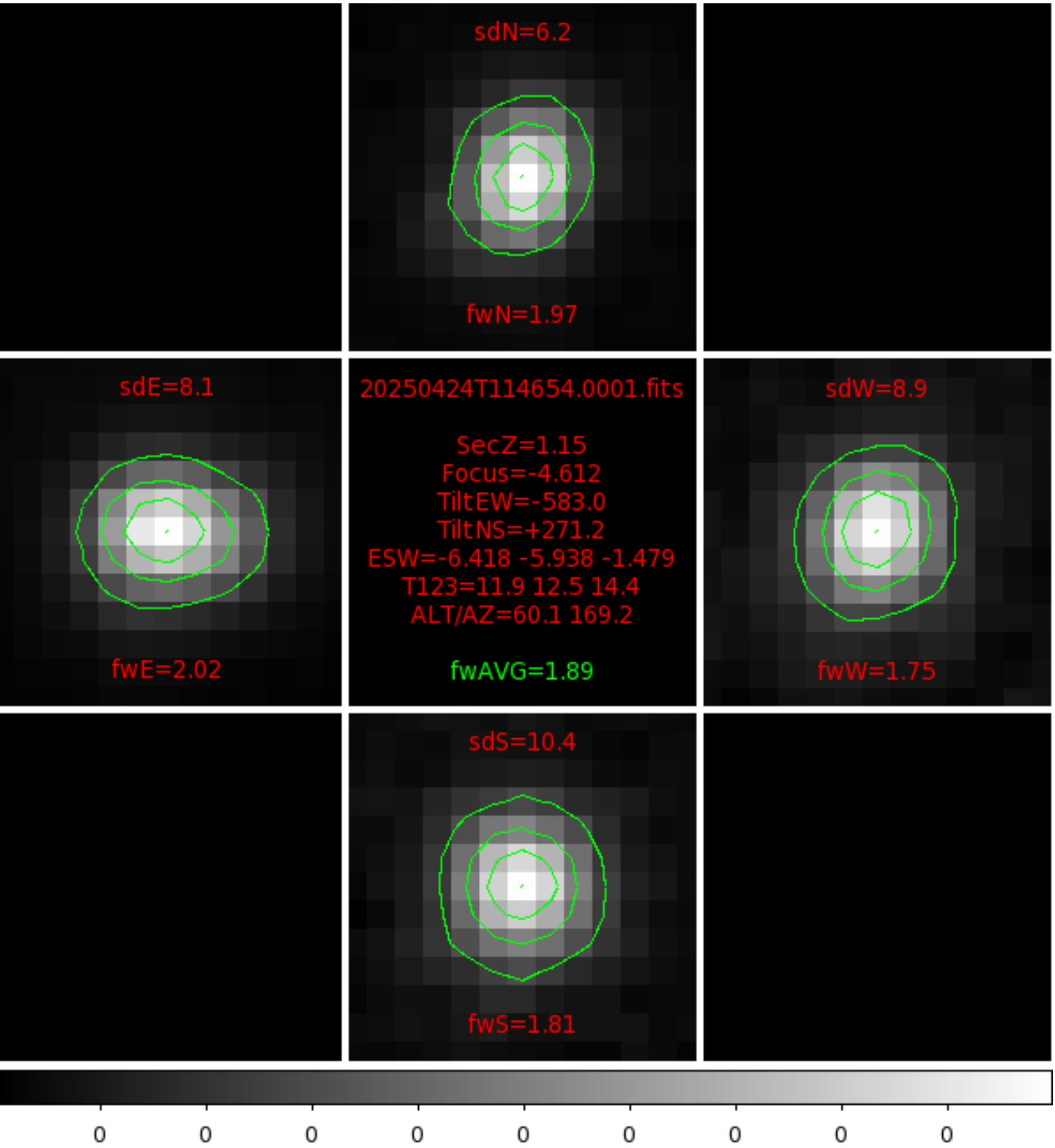
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20250424T114654.0001.fits
SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.9 12.5 14.4
ALT/AZ=60.1 169.2
fwAVG=1.89
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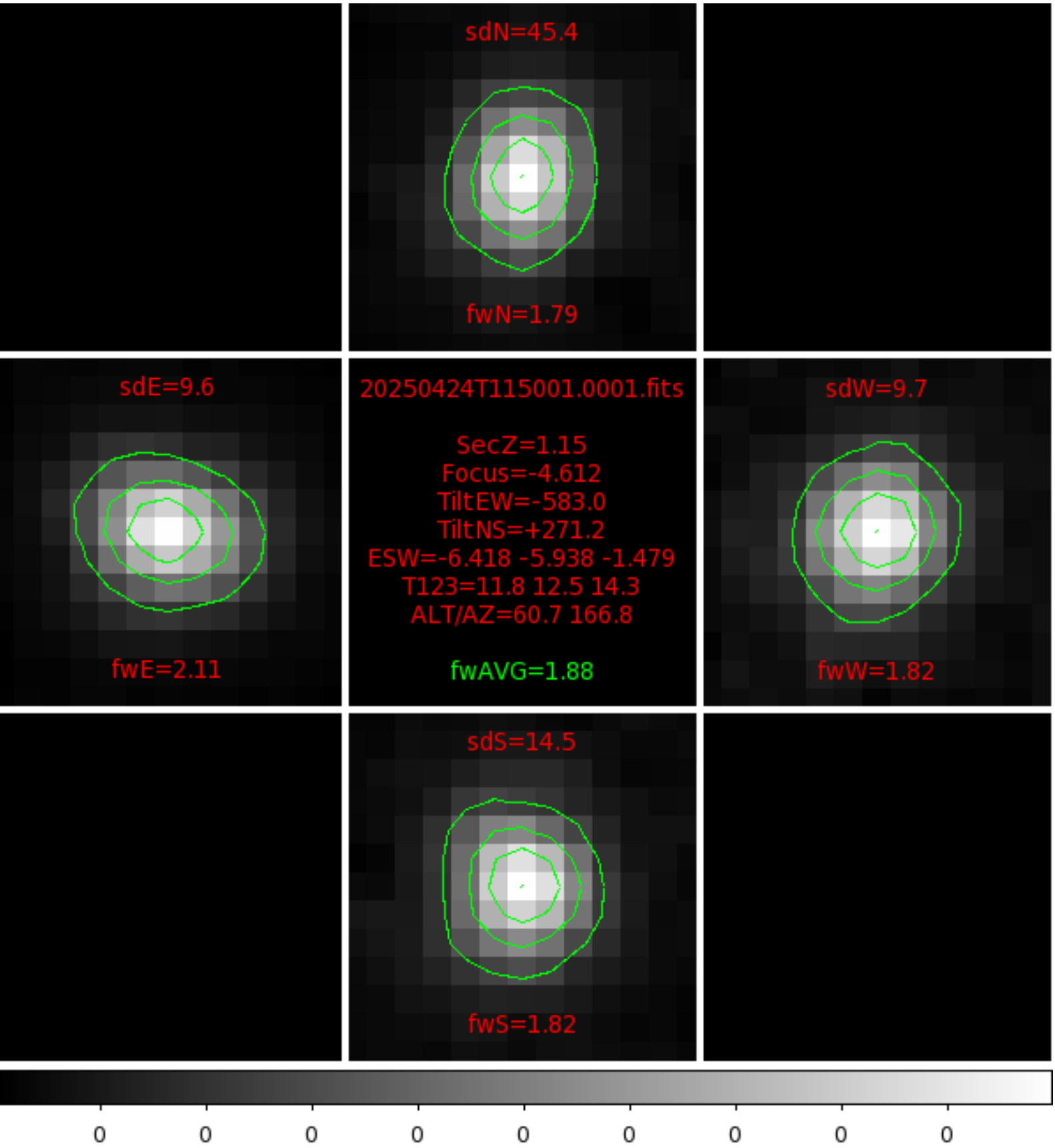
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SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.8 12.5 14.3
ALT/AZ=60.7 166.8
fwAVG=1.88
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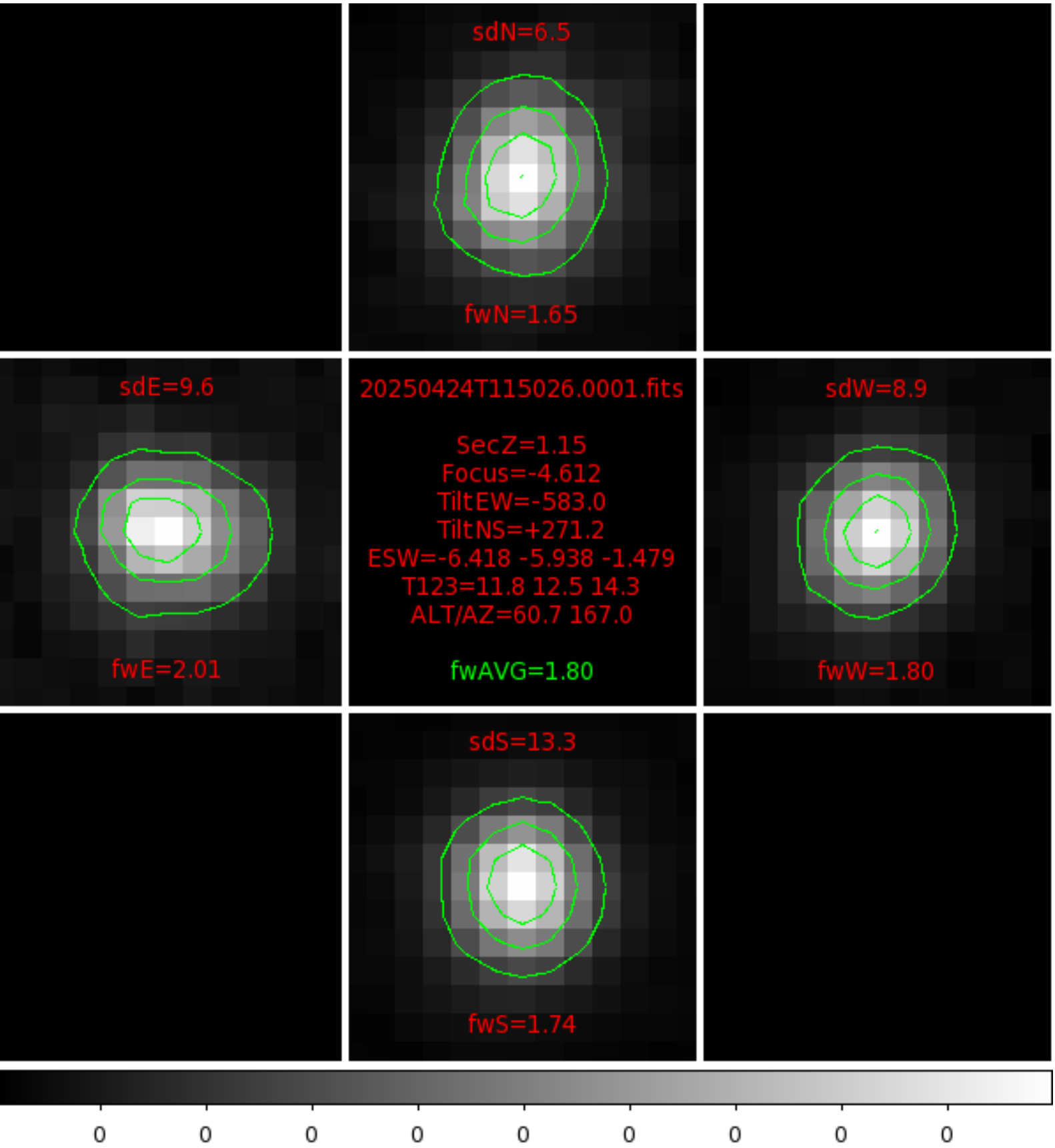
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sdE=9.6
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20250424T115026.0001.fits
SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.8 12.5 14.3
ALT/AZ=60.7 167.0
fwAVG=1.80
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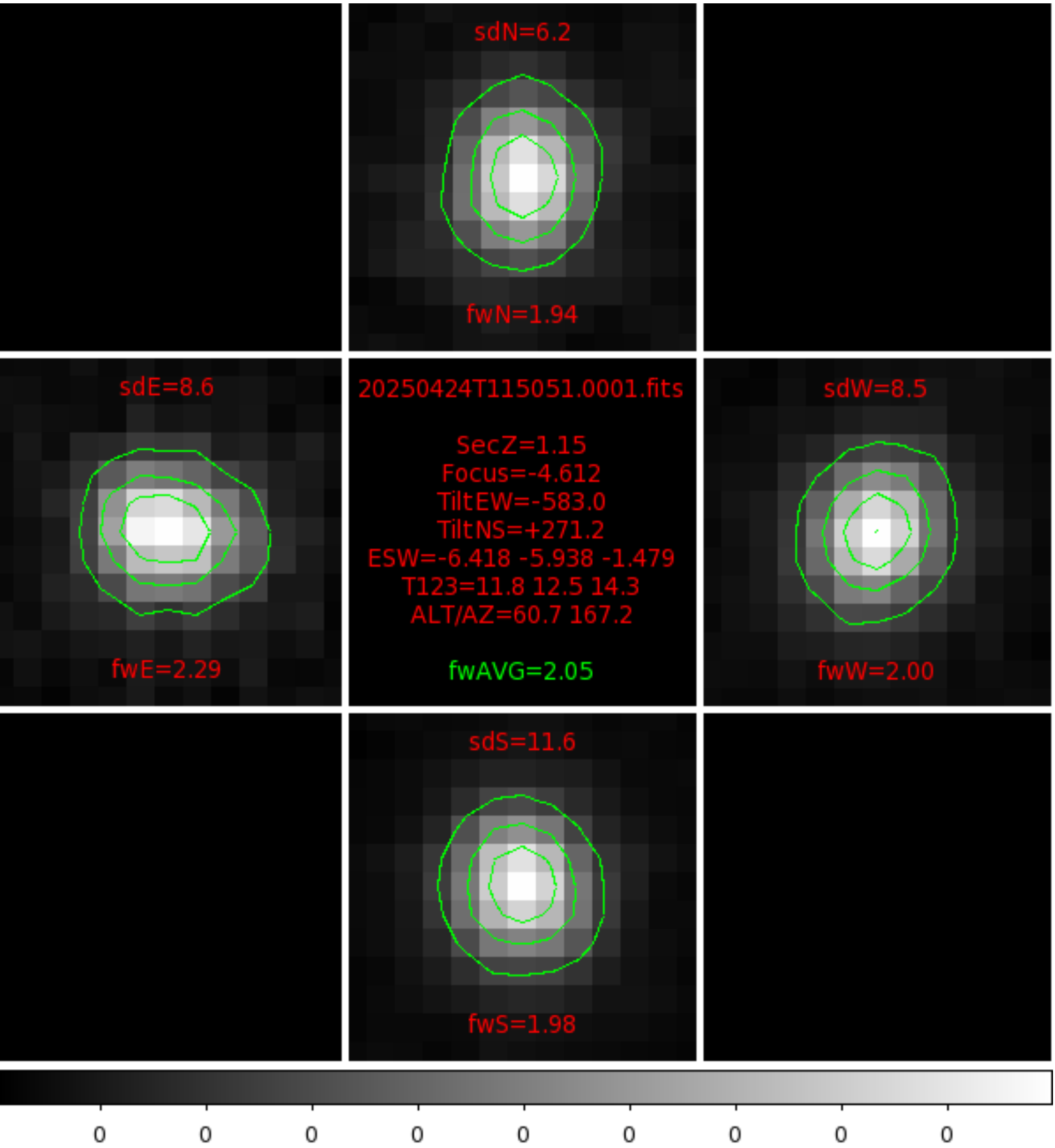
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fwE=2.29
20250424T115051.0001.fits
SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.8 12.5 14.3
ALT/AZ=60.7 167.2
fwAVG=2.05
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sdS=11.6
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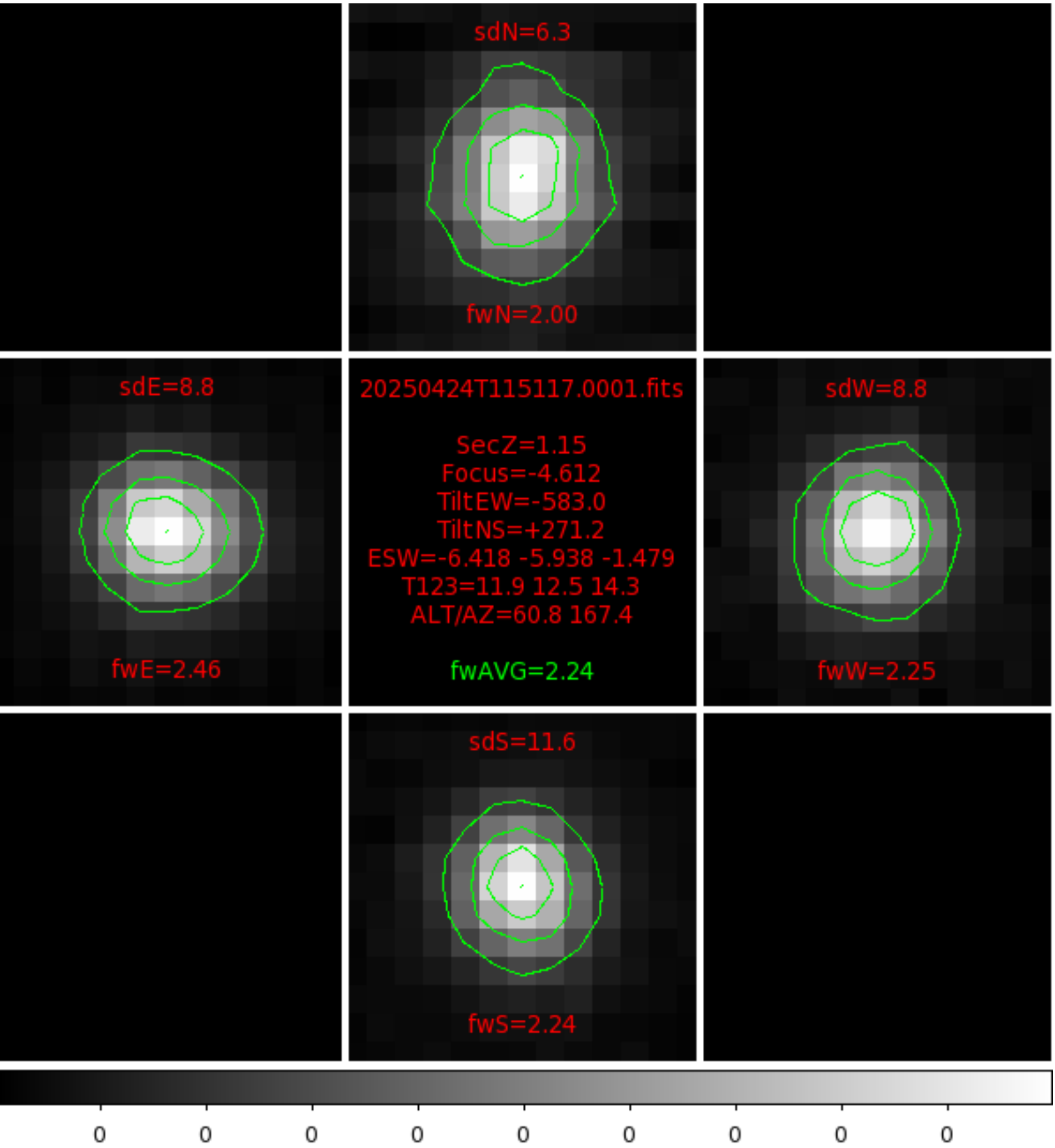
sdN=6.3
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sdE=8.8
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20250424T115117.0001.fits
SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.9 12.5 14.3
ALT/AZ=60.8 167.4
fwAVG=2.24
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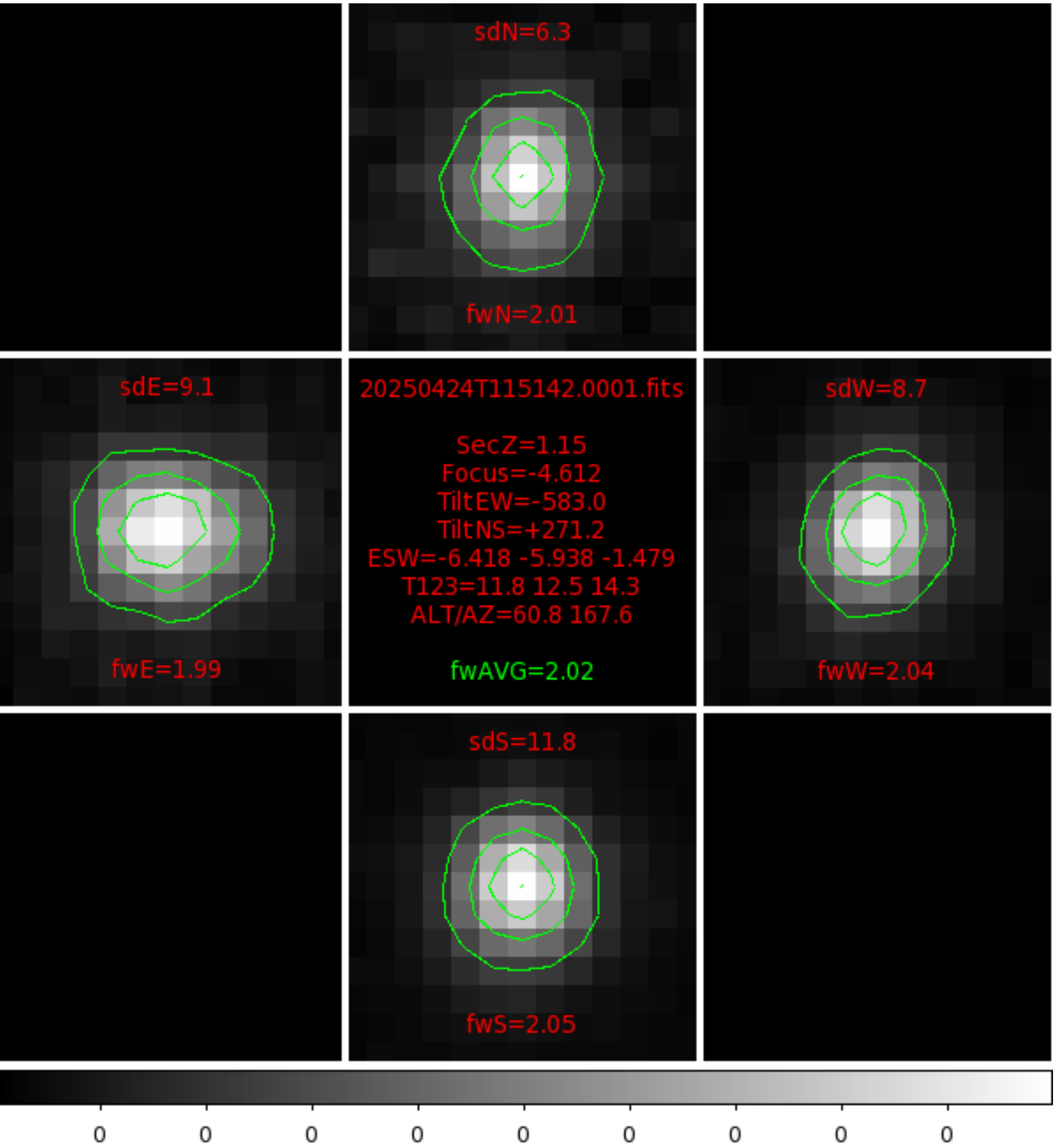
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fwE=1.99
20250424T115142.0001.fits
SecZ=1.15
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.8 12.5 14.3
ALT/AZ=60.8 167.6
fwAVG=2.02
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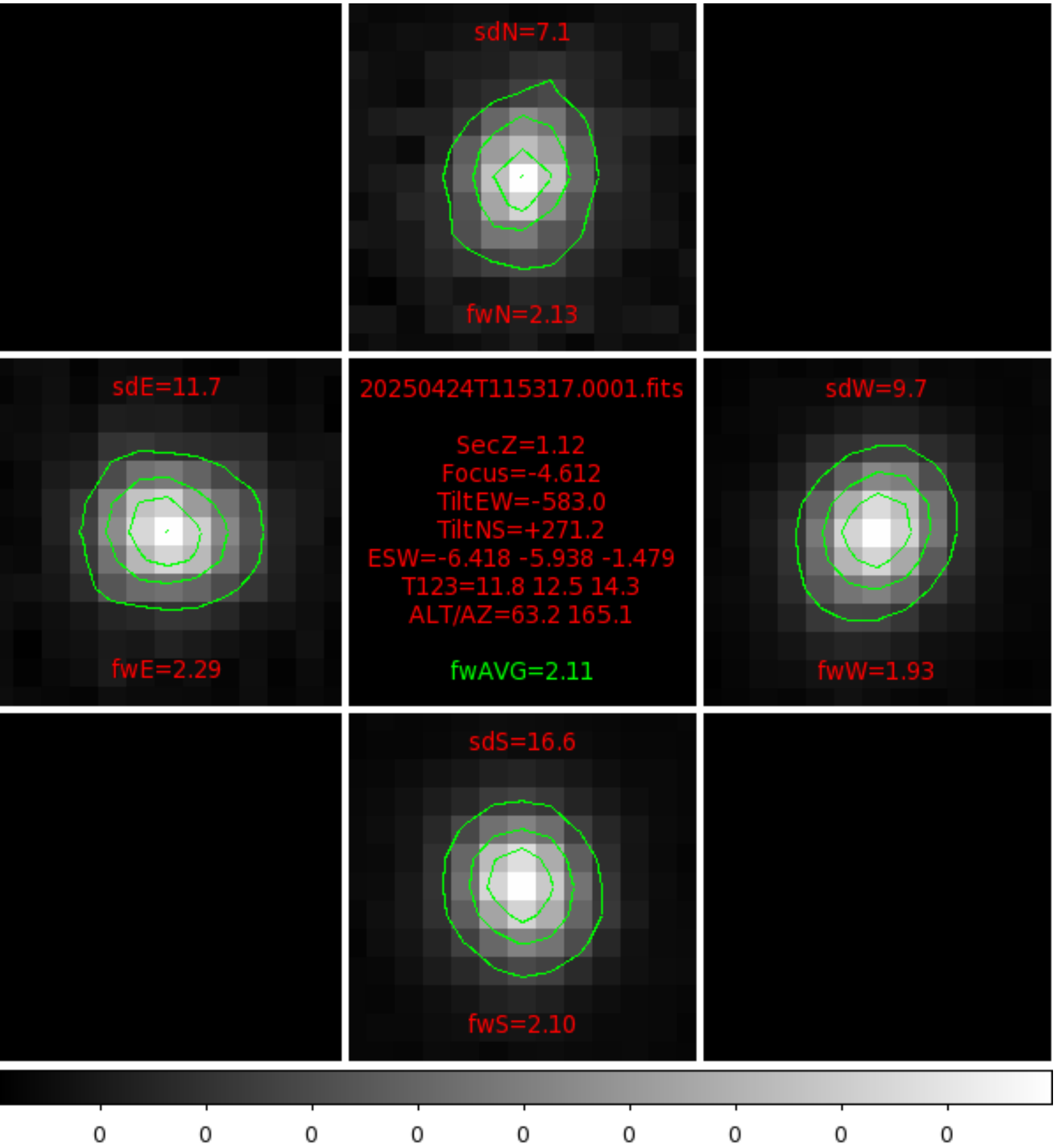
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sdE=11.7
fwE=2.29
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SecZ=1.12
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.8 12.5 14.3
ALT/AZ=63.2 165.1
fwAVG=2.11
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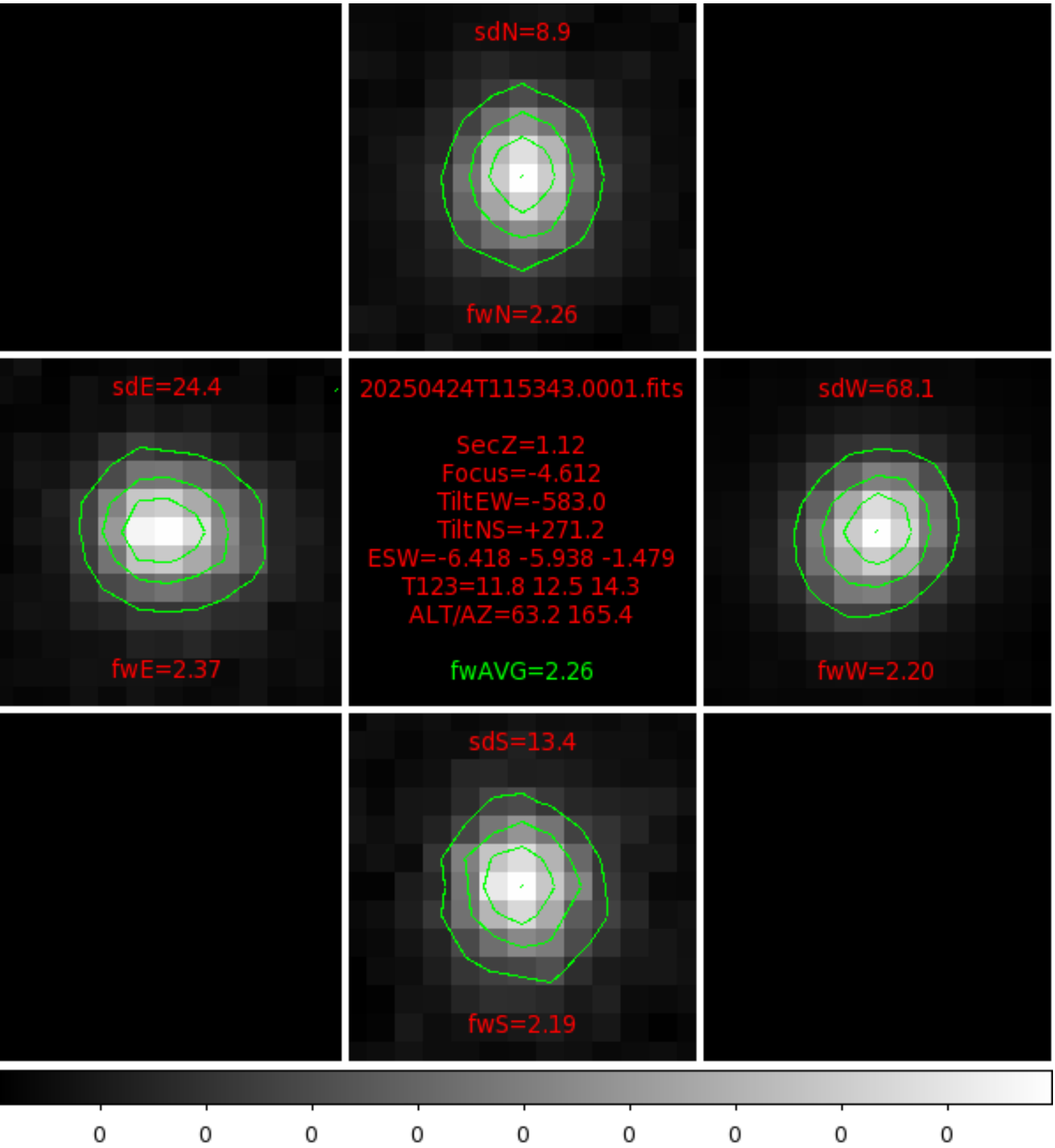
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sdE=24.4
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SecZ=1.12
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.8 12.5 14.3
ALT/AZ=63.2 165.4
fwAVG=2.26
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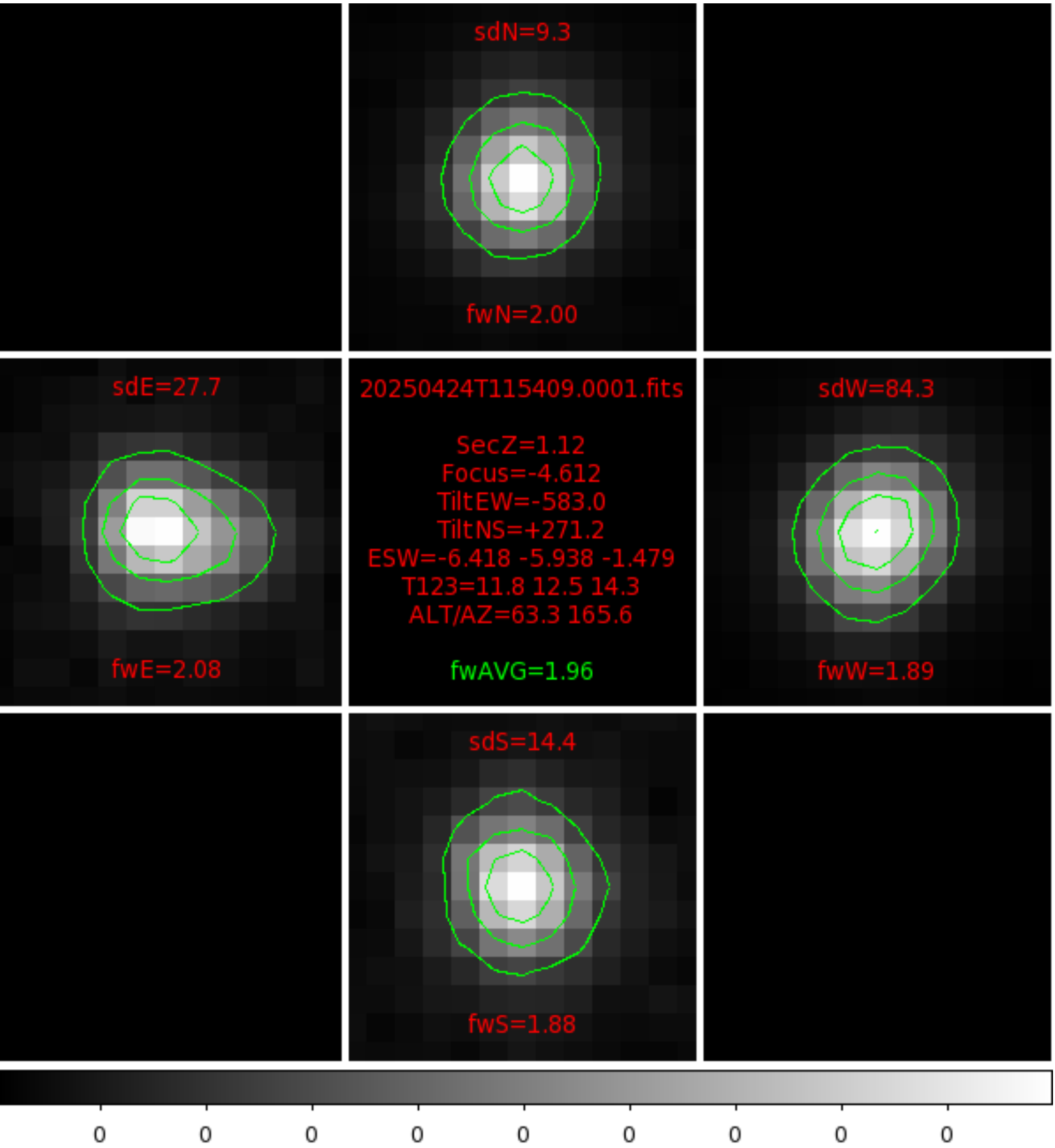
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SecZ=1.12
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.8 12.5 14.3
ALT/AZ=63.3 165.6
fwAVG=1.96
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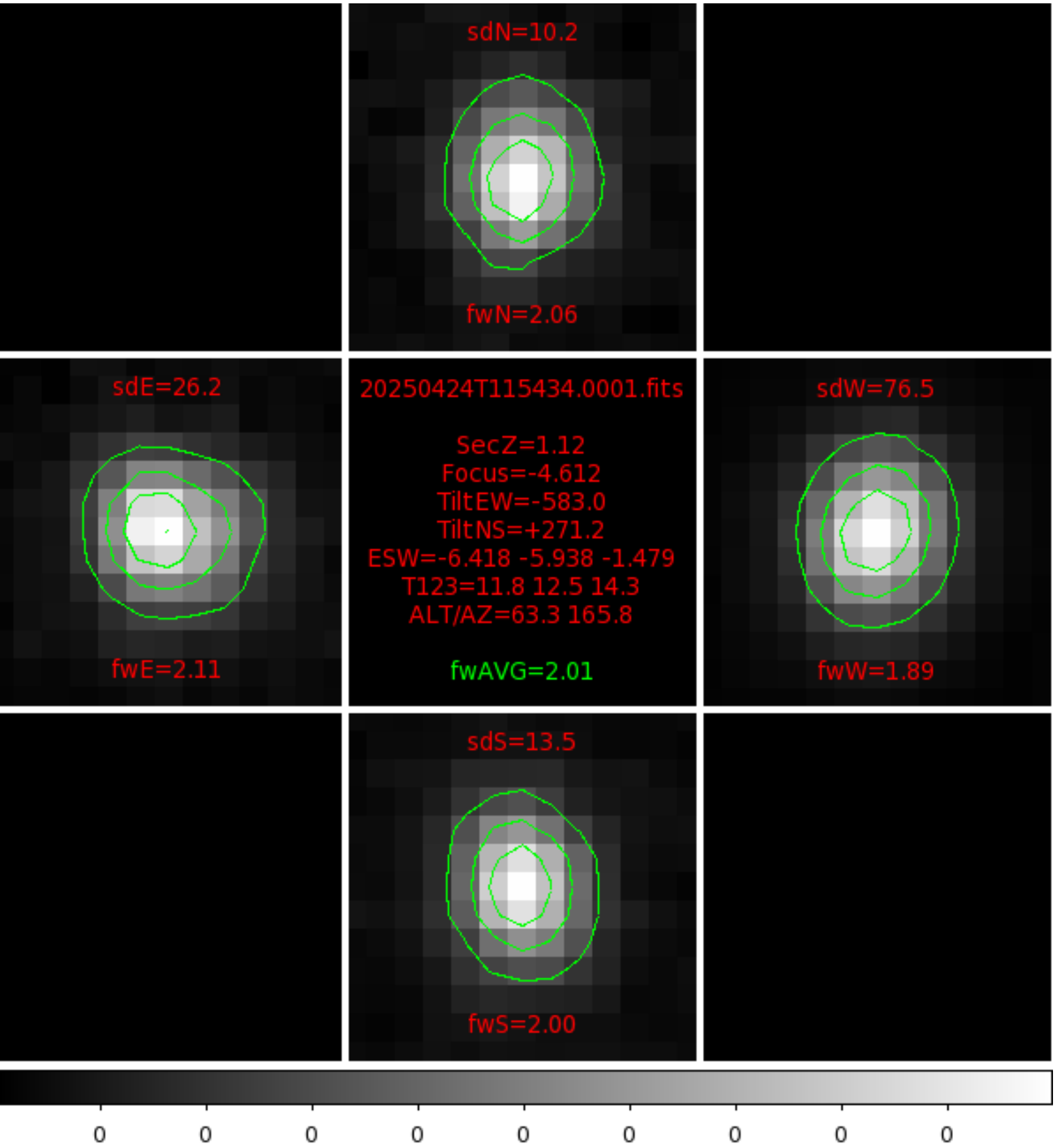
sdN=10.2
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sdE=26.2
fwE=2.11
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SecZ=1.12
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.8 12.5 14.3
ALT/AZ=63.3 165.8
fwAVG=2.01
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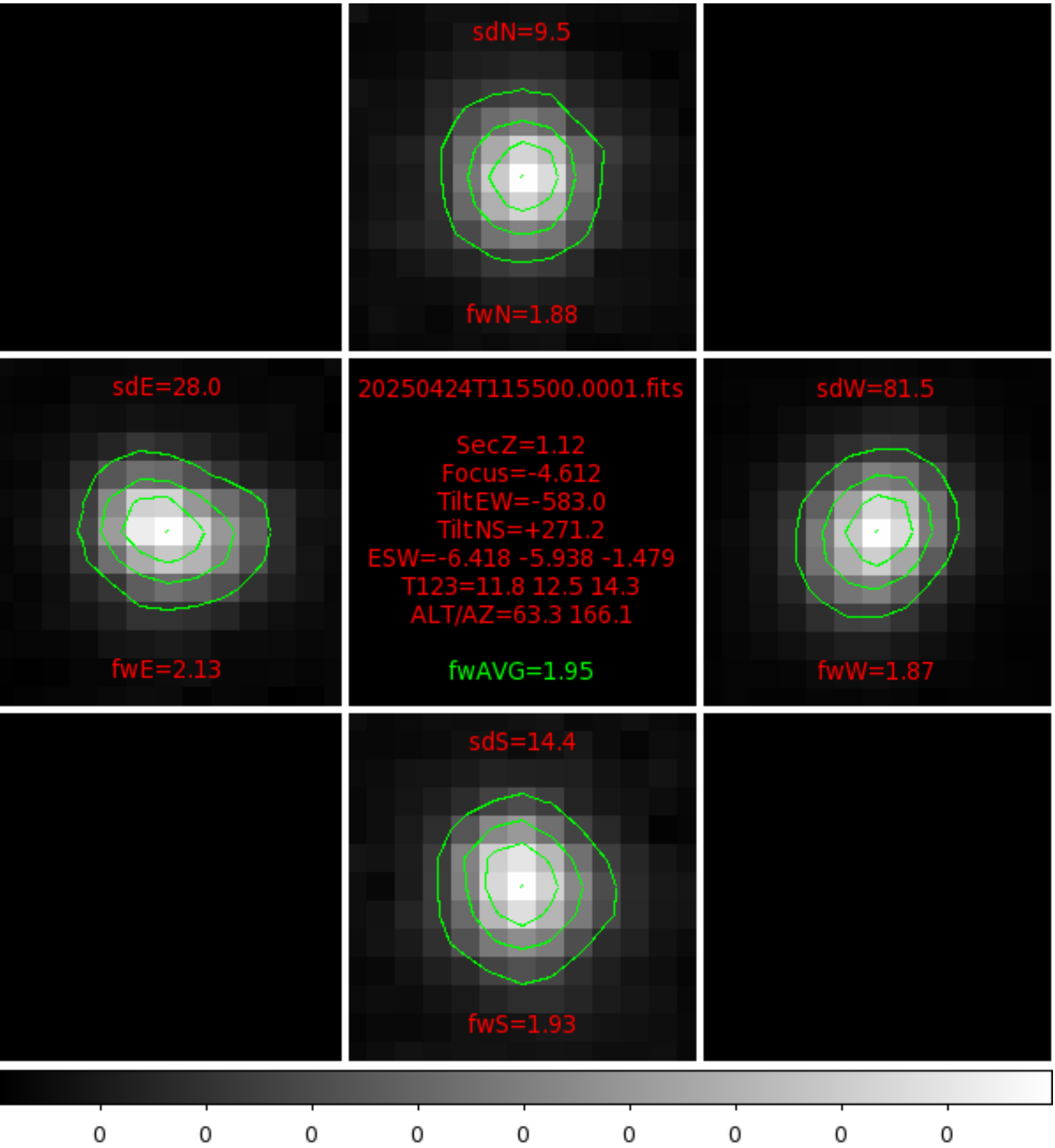
sdN=9.5
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sdE=28.0
fwE=2.13
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SecZ=1.12
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.8 12.5 14.3
ALT/AZ=63.3 166.1
fwAVG=1.95
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sdS=14.4
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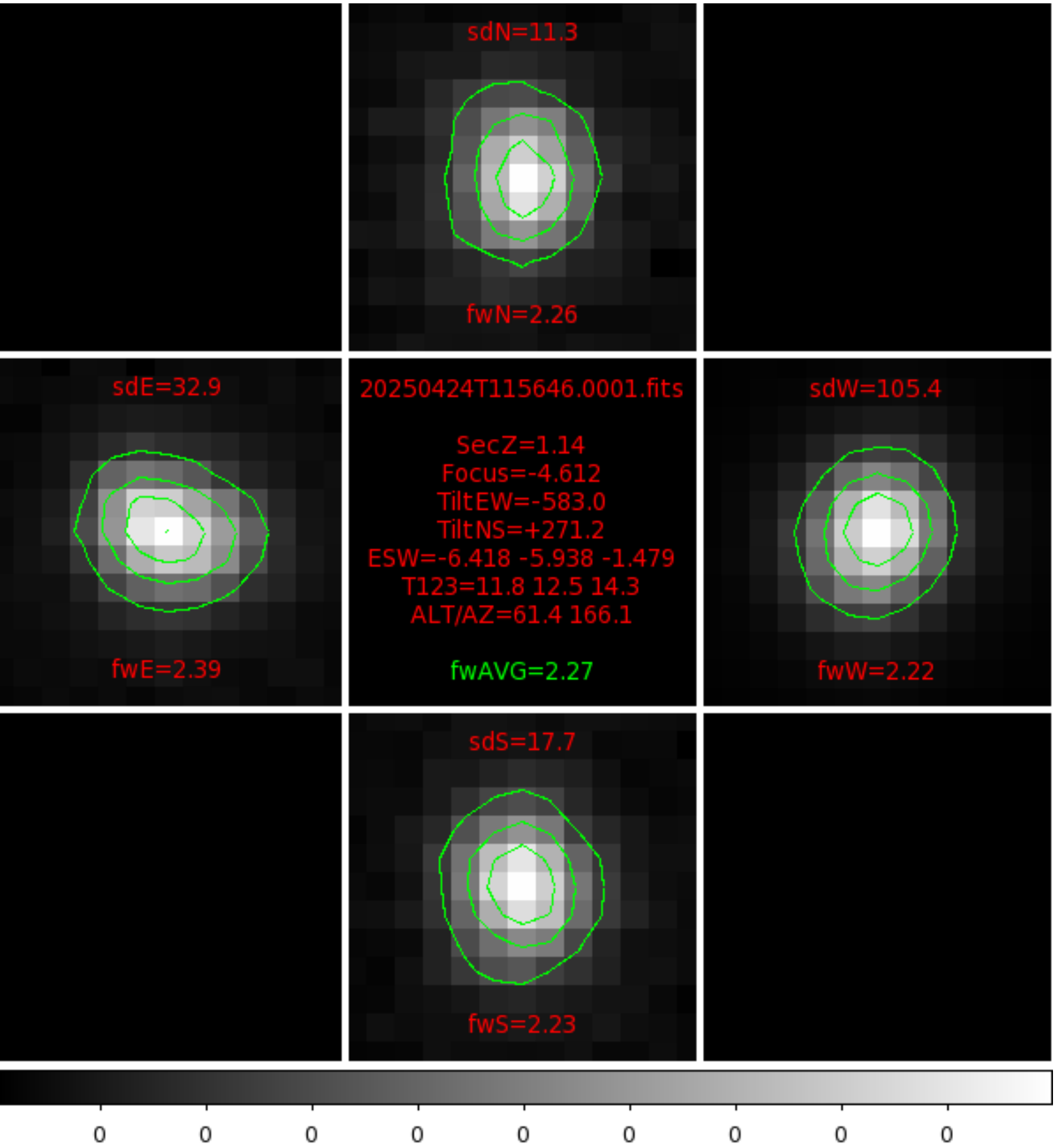
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sdE=32.9
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SecZ=1.14
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.8 12.5 14.3
ALT/AZ=61.4 166.1
fwAVG=2.27
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sdS=17.7
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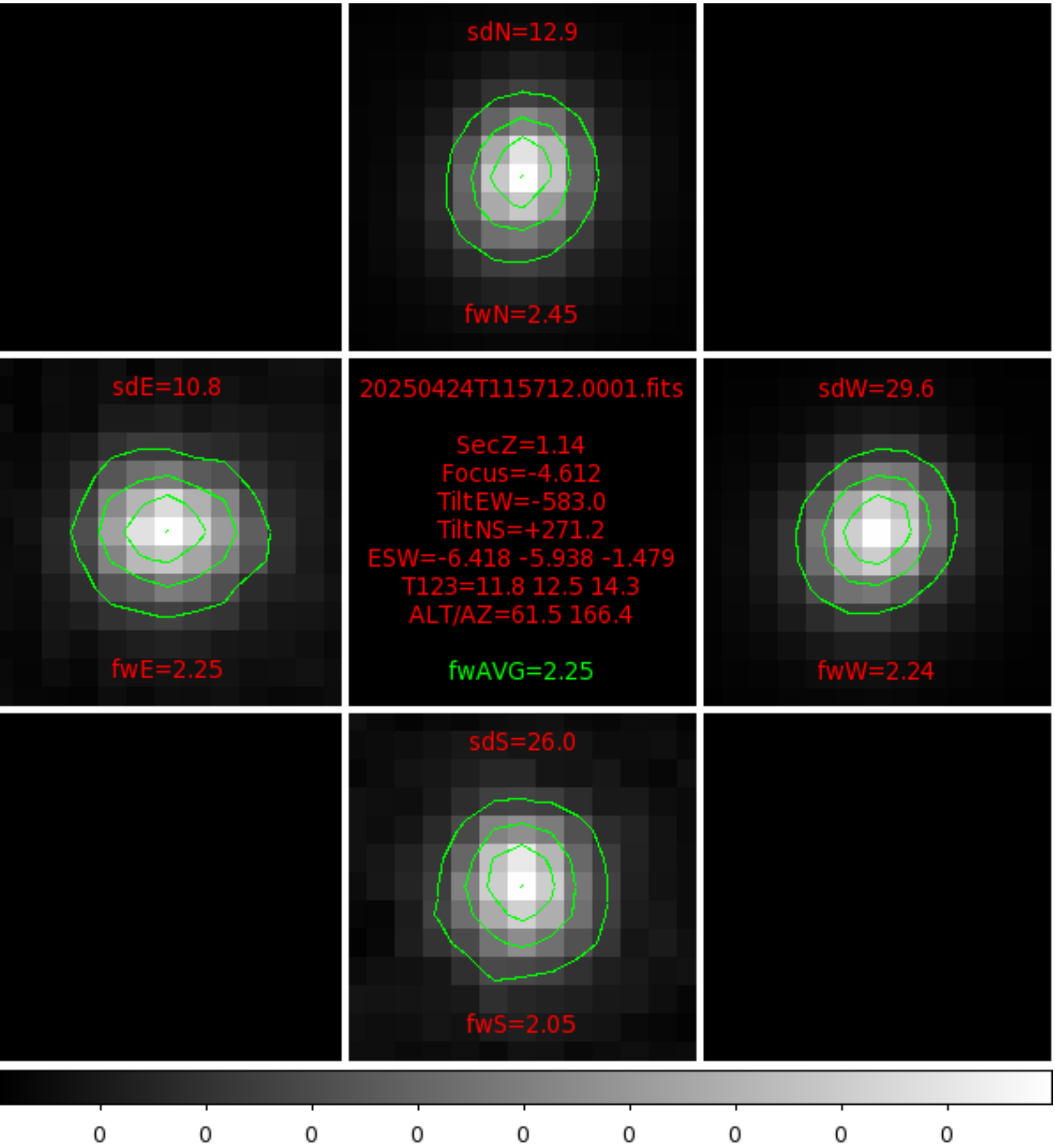
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SecZ=1.14
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.8 12.5 14.3
ALT/AZ=61.5 166.4
fwAVG=2.25
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sdS=26.0
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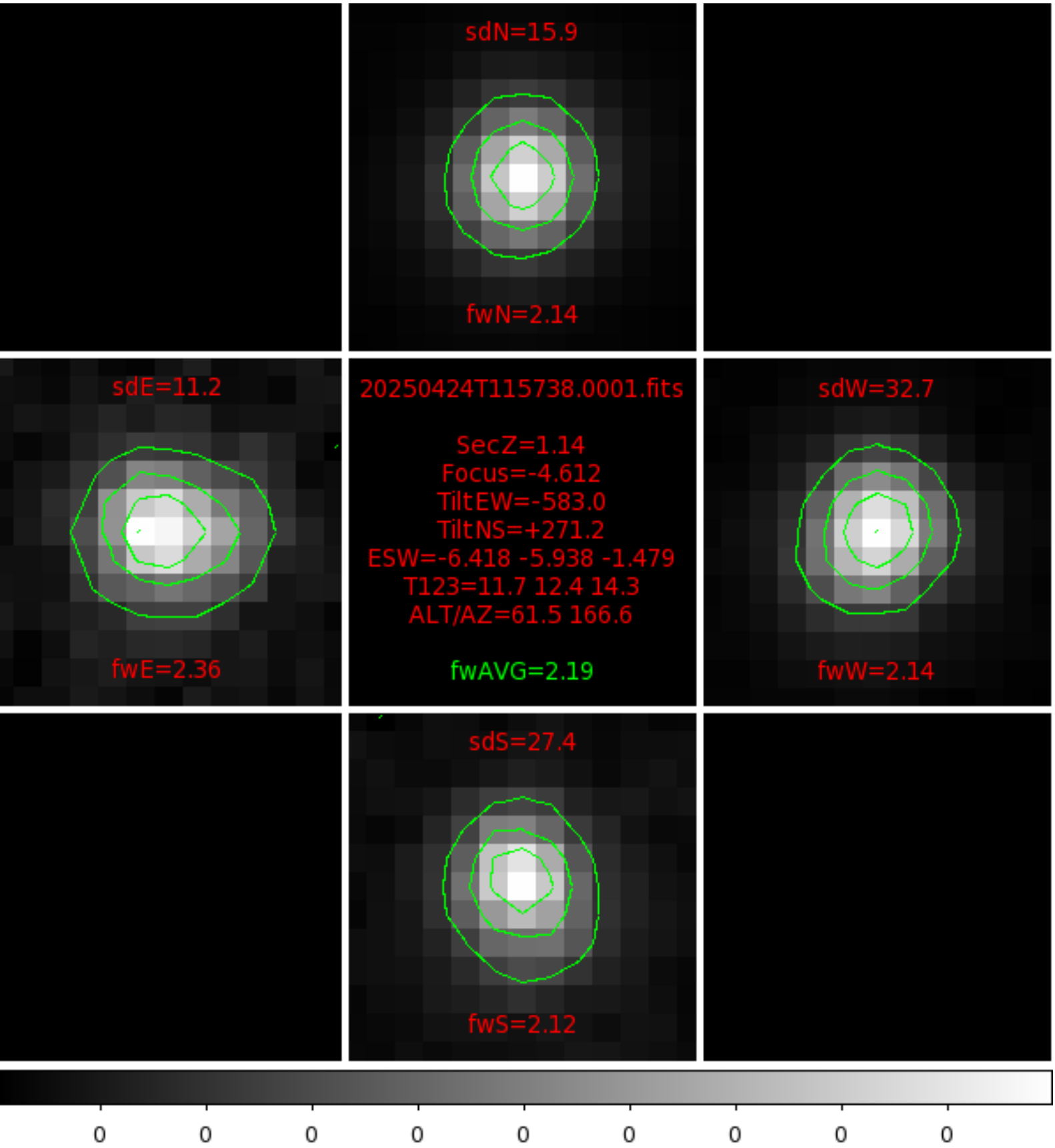
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sdE=11.2
fwE=2.36
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SecZ=1.14
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.7 12.4 14.3
ALT/AZ=61.5 166.6
fwAVG=2.19
sdW=32.7
fwW=2.14
sdS=27.4
fwS=2.12
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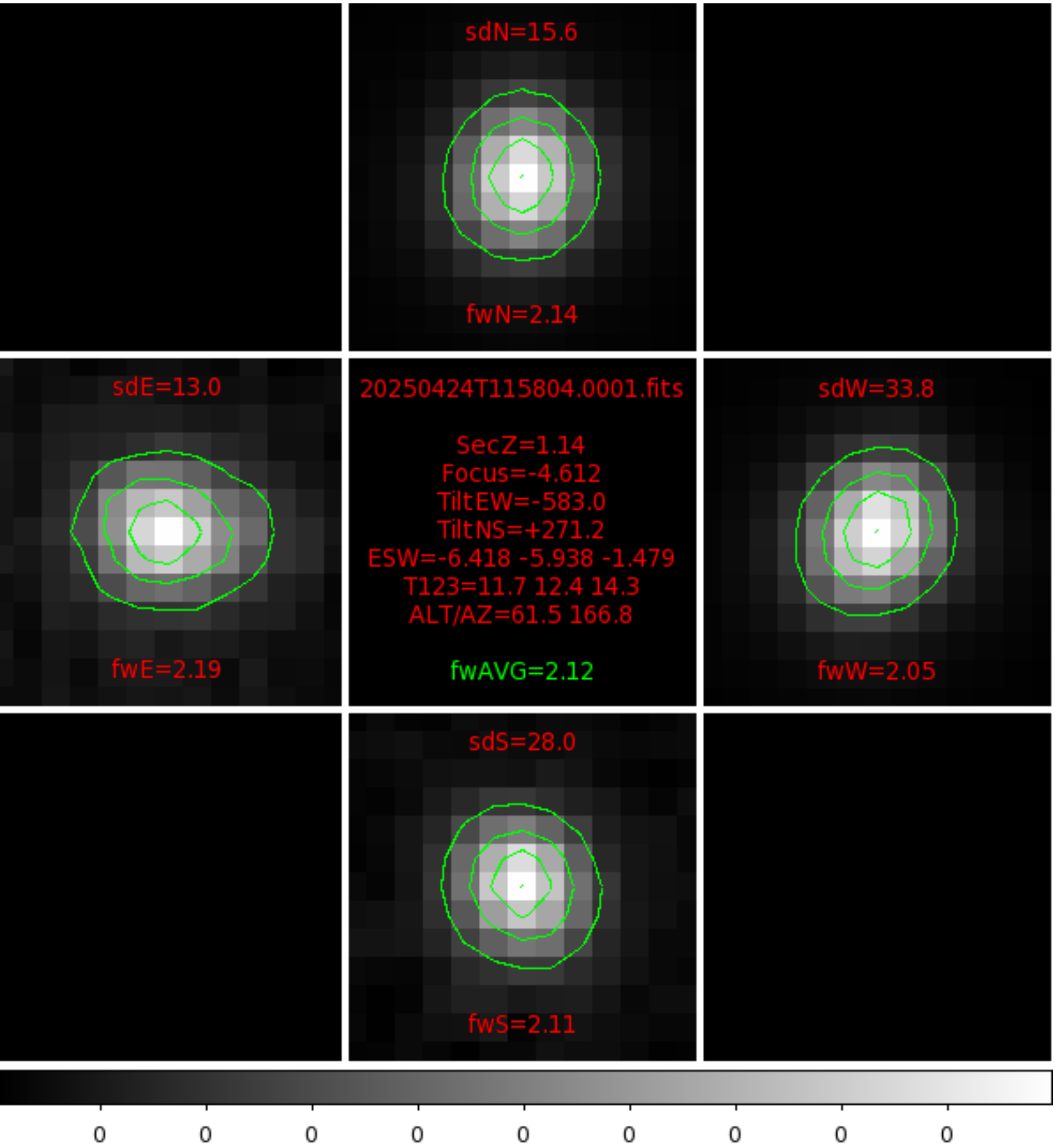
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fwE=2.19
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SecZ=1.14
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.7 12.4 14.3
ALT/AZ=61.5 166.8
fwAVG=2.12
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sdS=28.0
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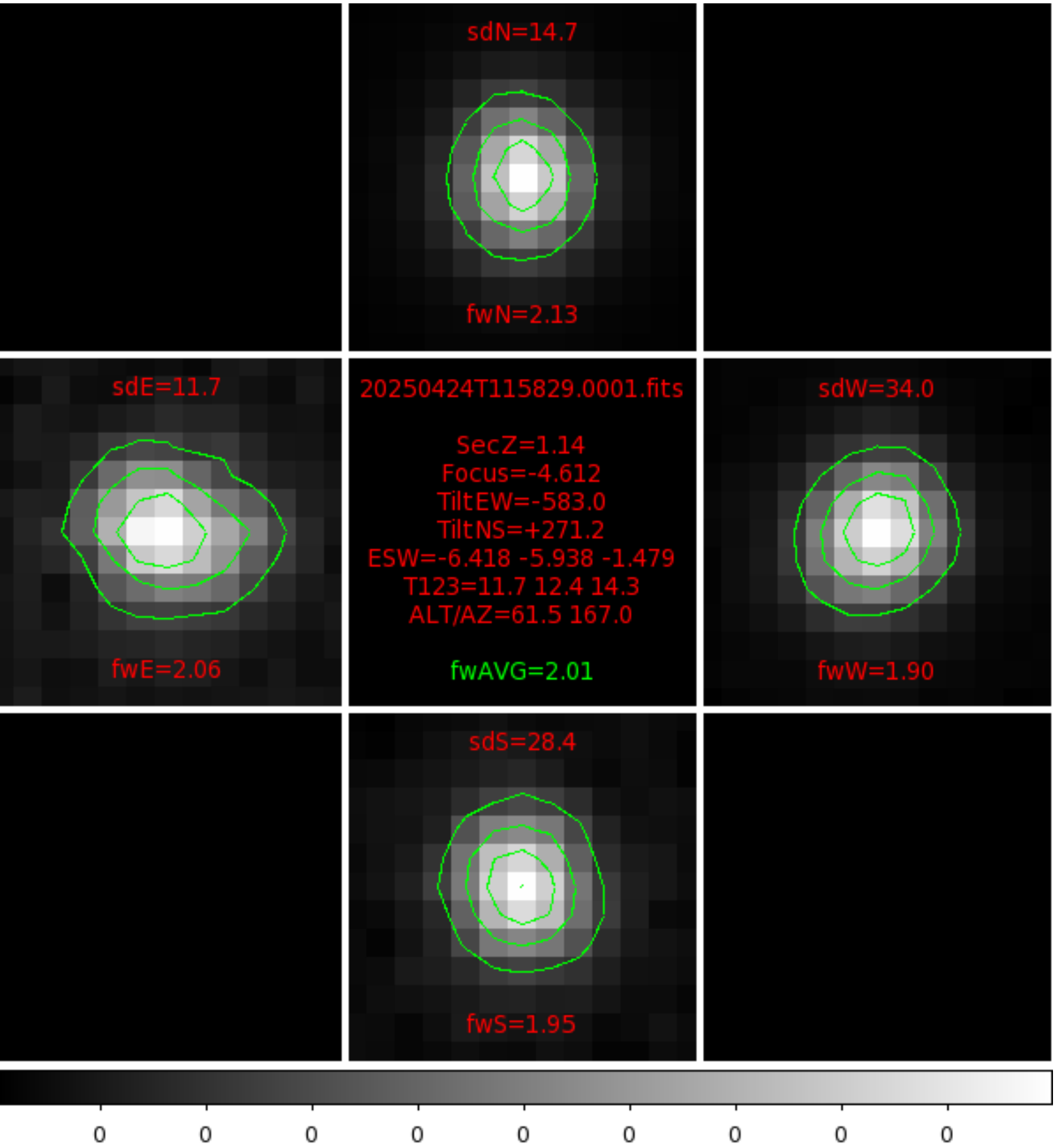
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sdE=11.7
fwE=2.06
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SecZ=1.14
Focus=-4.612
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.418 -5.938 -1.479
T123=11.7 12.4 14.3
ALT/AZ=61.5 167.0
fwAVG=2.01
sdW=34.0
fwW=1.90
sdS=28.4
fwS=1.95
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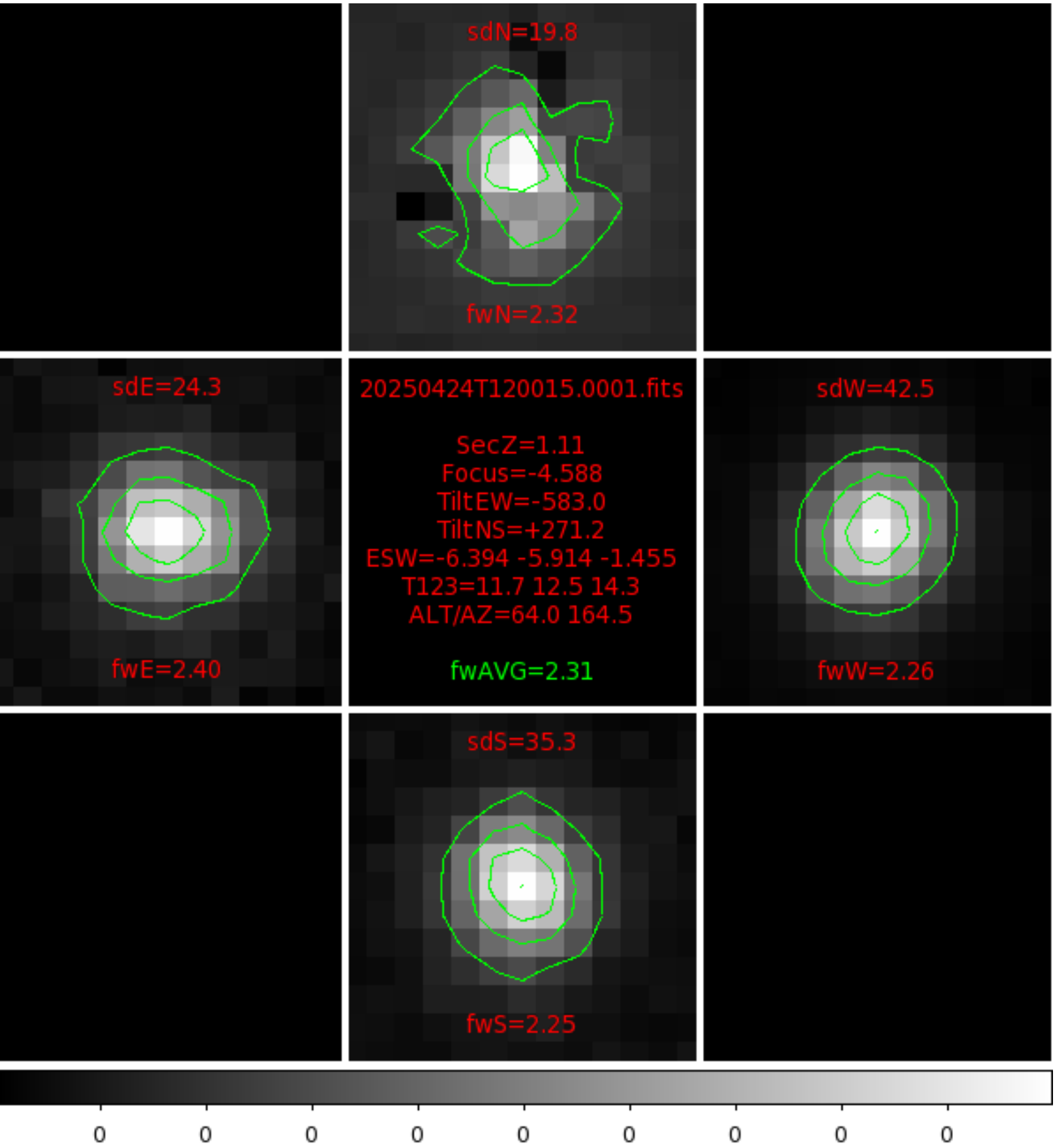
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.394 -5.914 -1.455
T123=11.7 12.5 14.3
ALT/AZ=64.0 164.5
fwAVG=2.31
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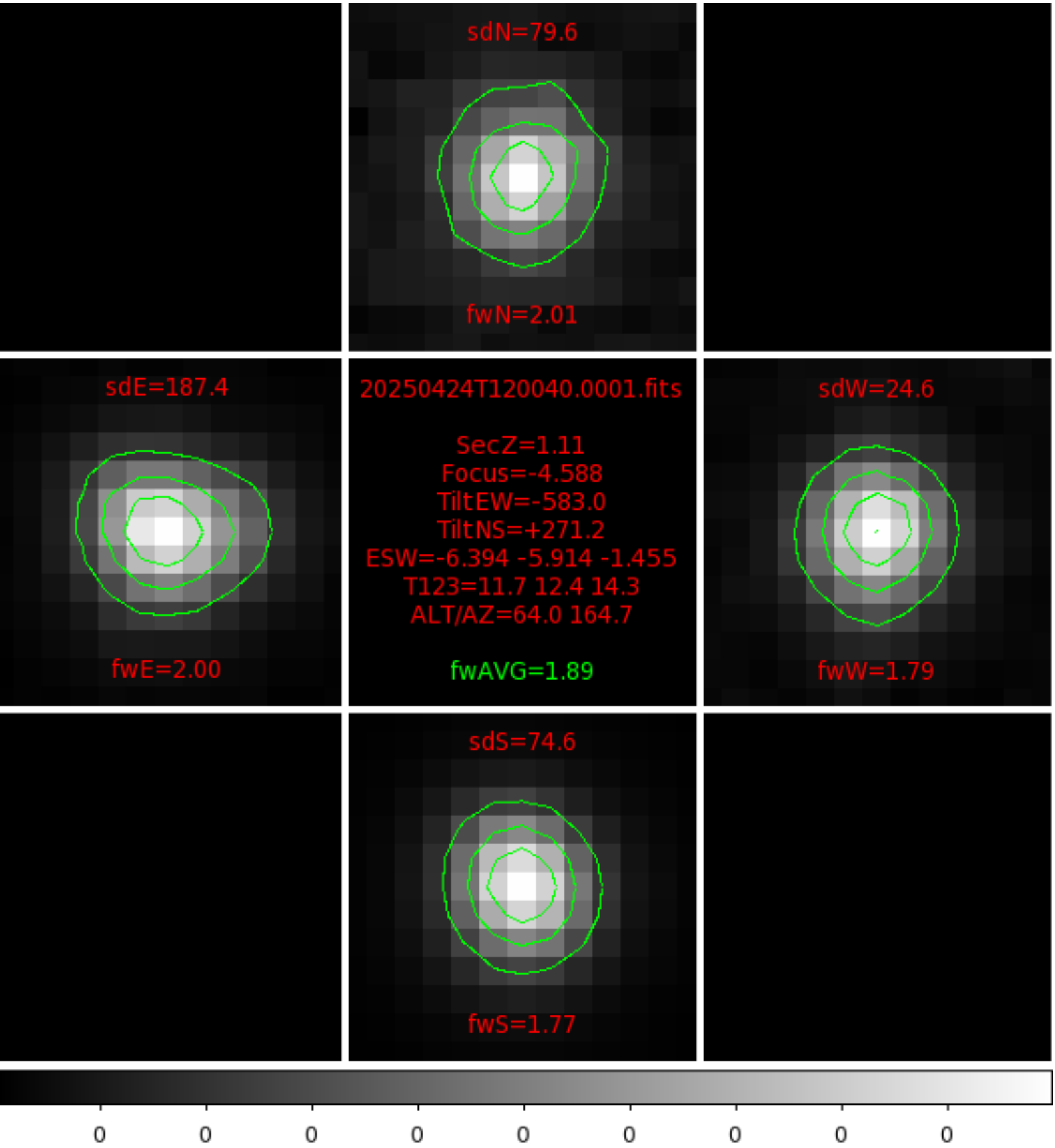
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SecZ=1.11
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TiltEW=-583.0
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ESW=-6.394 -5.914 -1.455
T123=11.7 12.4 14.3
ALT/AZ=64.0 164.7
fwAVG=1.89
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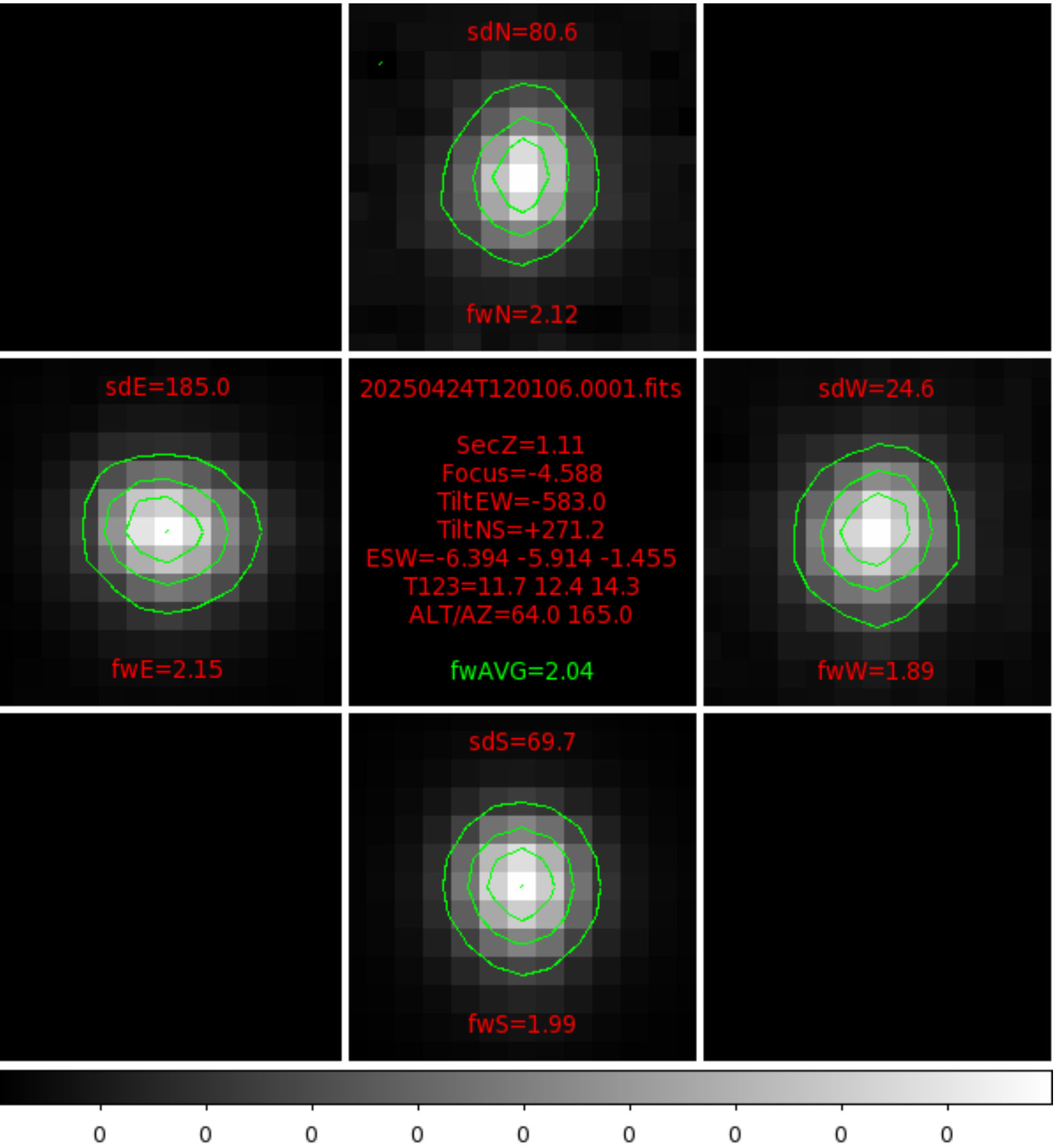
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SecZ=1.11
Focus=-4.588
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.394 -5.914 -1.455
T123=11.7 12.4 14.3
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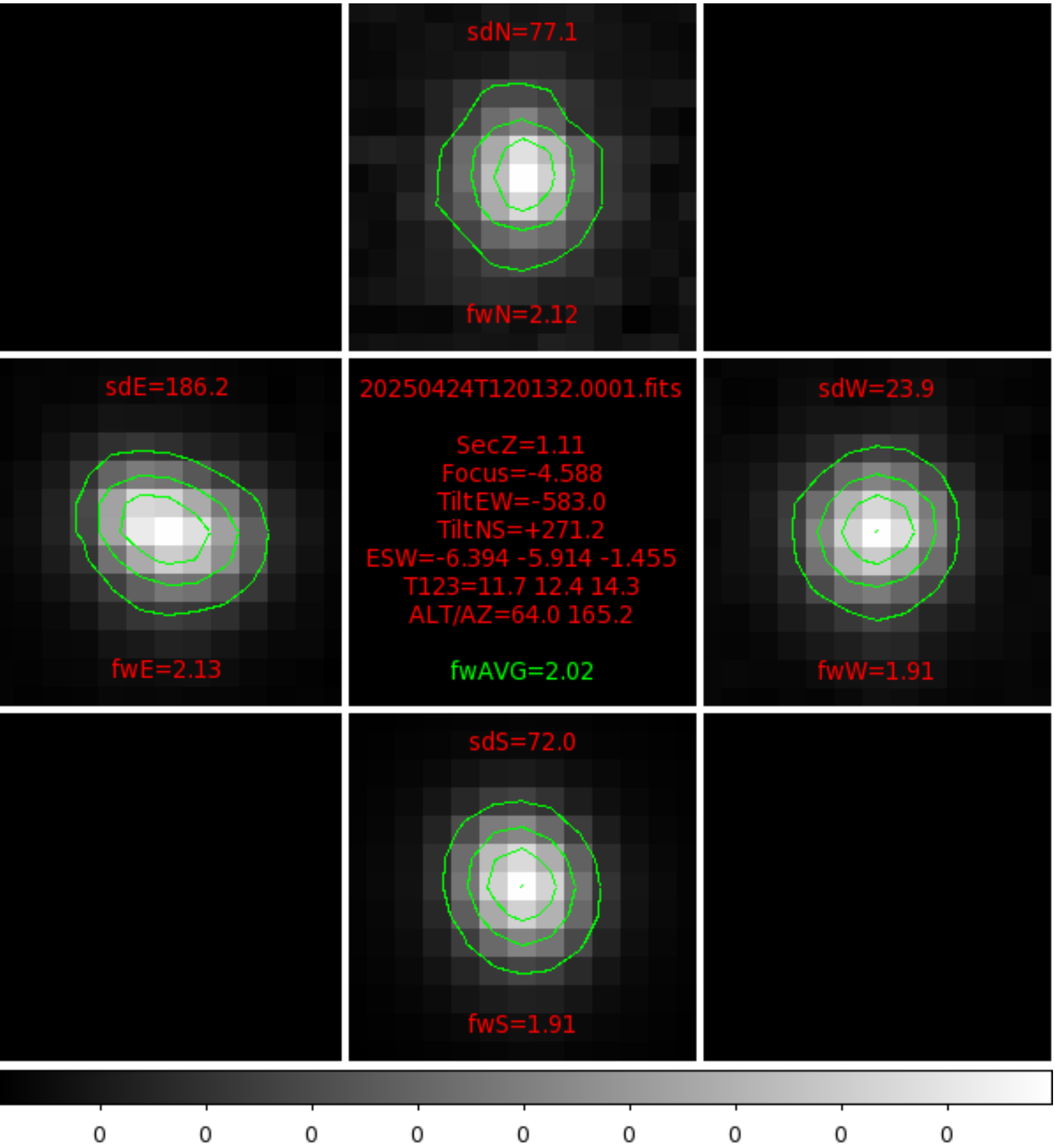
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SecZ=1.11
Focus=-4.588
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.394 -5.914 -1.455
T123=11.7 12.4 14.3
ALT/AZ=64.0 165.2
fwAVG=2.02
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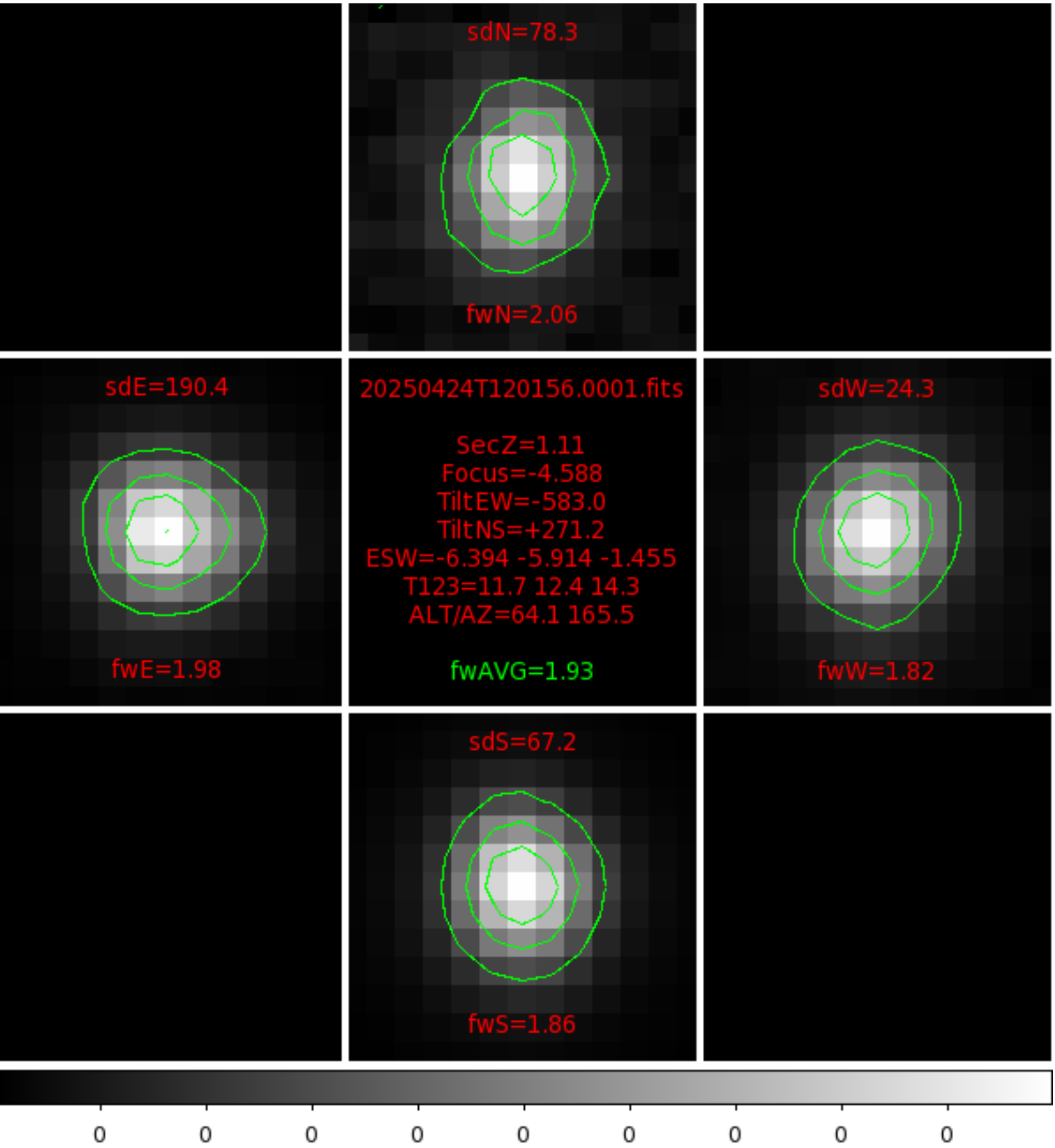
sdN=78.3
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sdE=190.4
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SecZ=1.11
Focus=-4.588
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.394 -5.914 -1.455
T123=11.7 12.4 14.3
ALT/AZ=64.1 165.5
fwAVG=1.93
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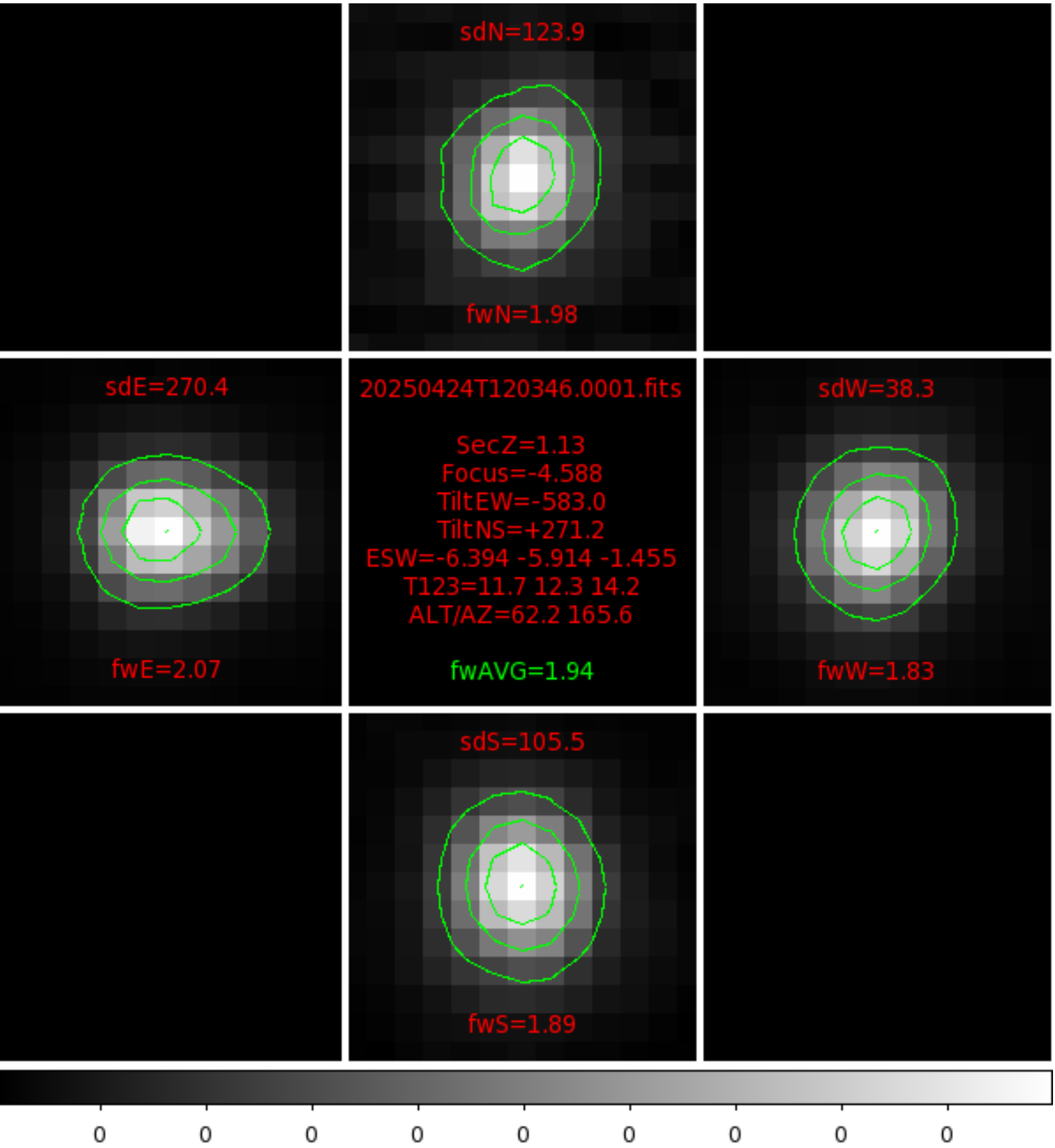
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SecZ=1.13
Focus=-4.588
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.394 -5.914 -1.455
T123=11.7 12.3 14.2
ALT/AZ=62.2 165.6
fwAVG=1.94
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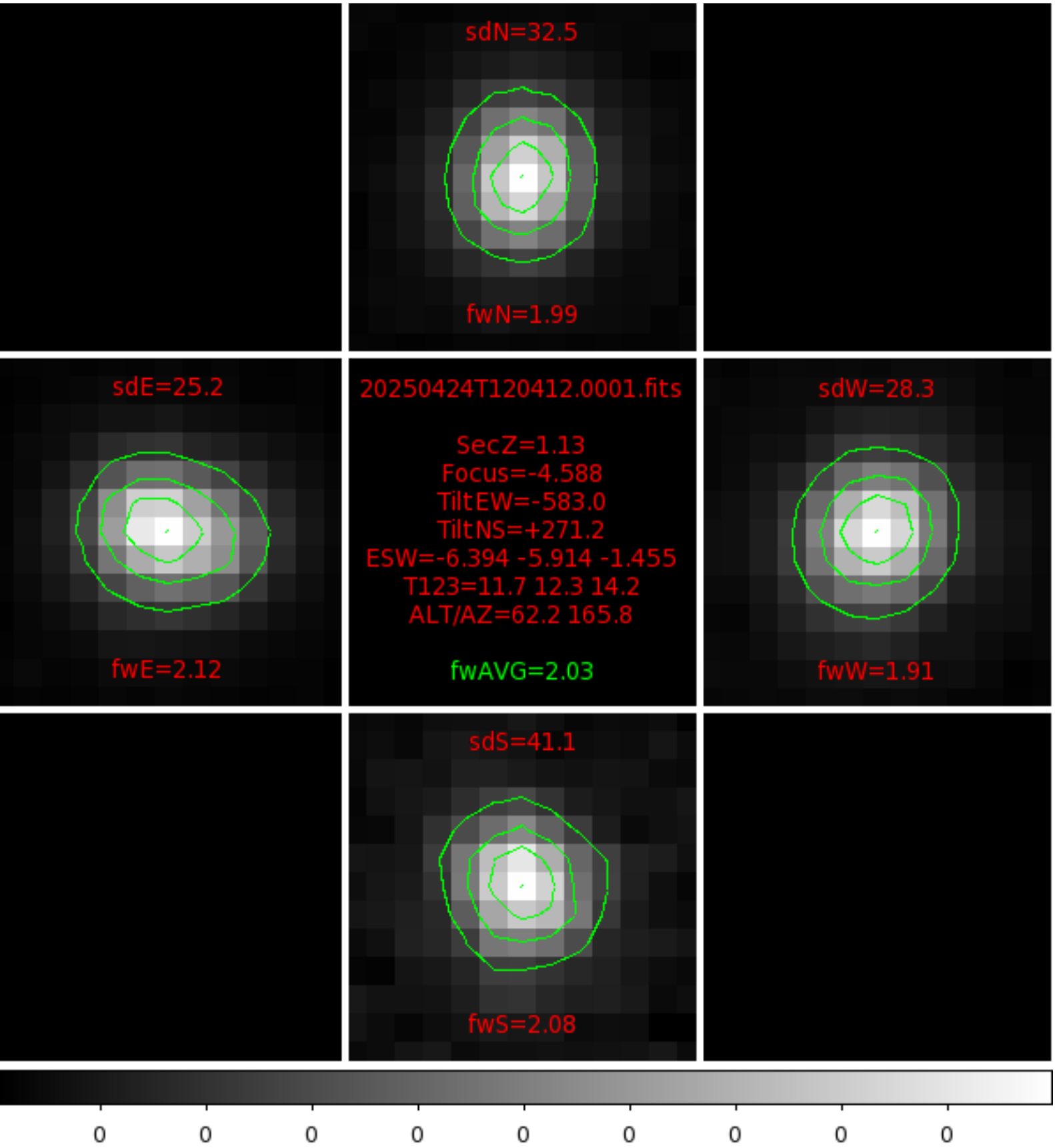
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SecZ=1.13
Focus=-4.588
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.394 -5.914 -1.455
T123=11.7 12.3 14.2
ALT/AZ=62.2 165.8
fwAVG=2.03
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sdS=41.1
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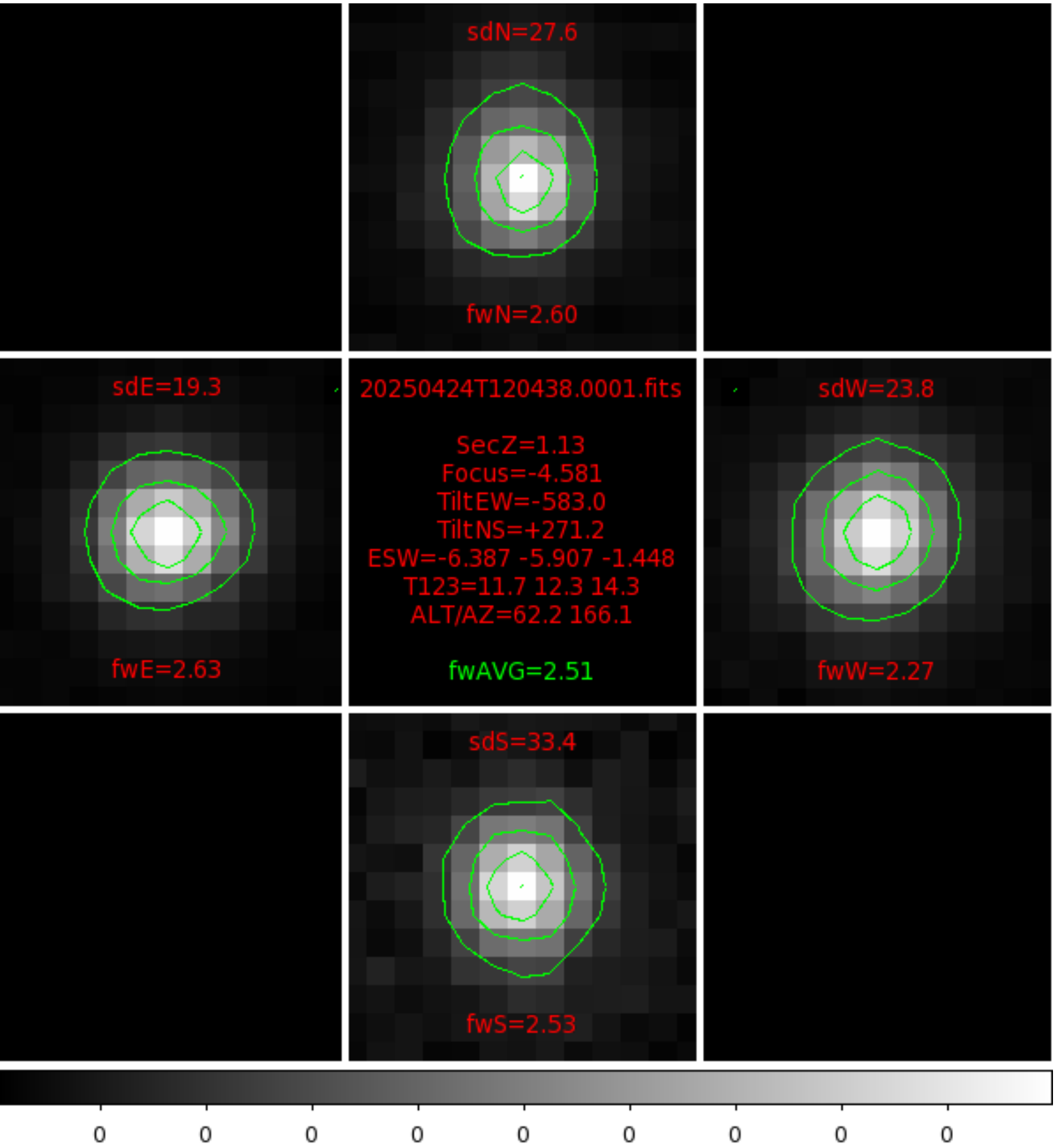
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SecZ=1.13
Focus=-4.581
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TiltNS=+271.2
ESW=-6.387 -5.907 -1.448
T123=11.7 12.3 14.3
ALT/AZ=62.2 166.1
fwAVG=2.51
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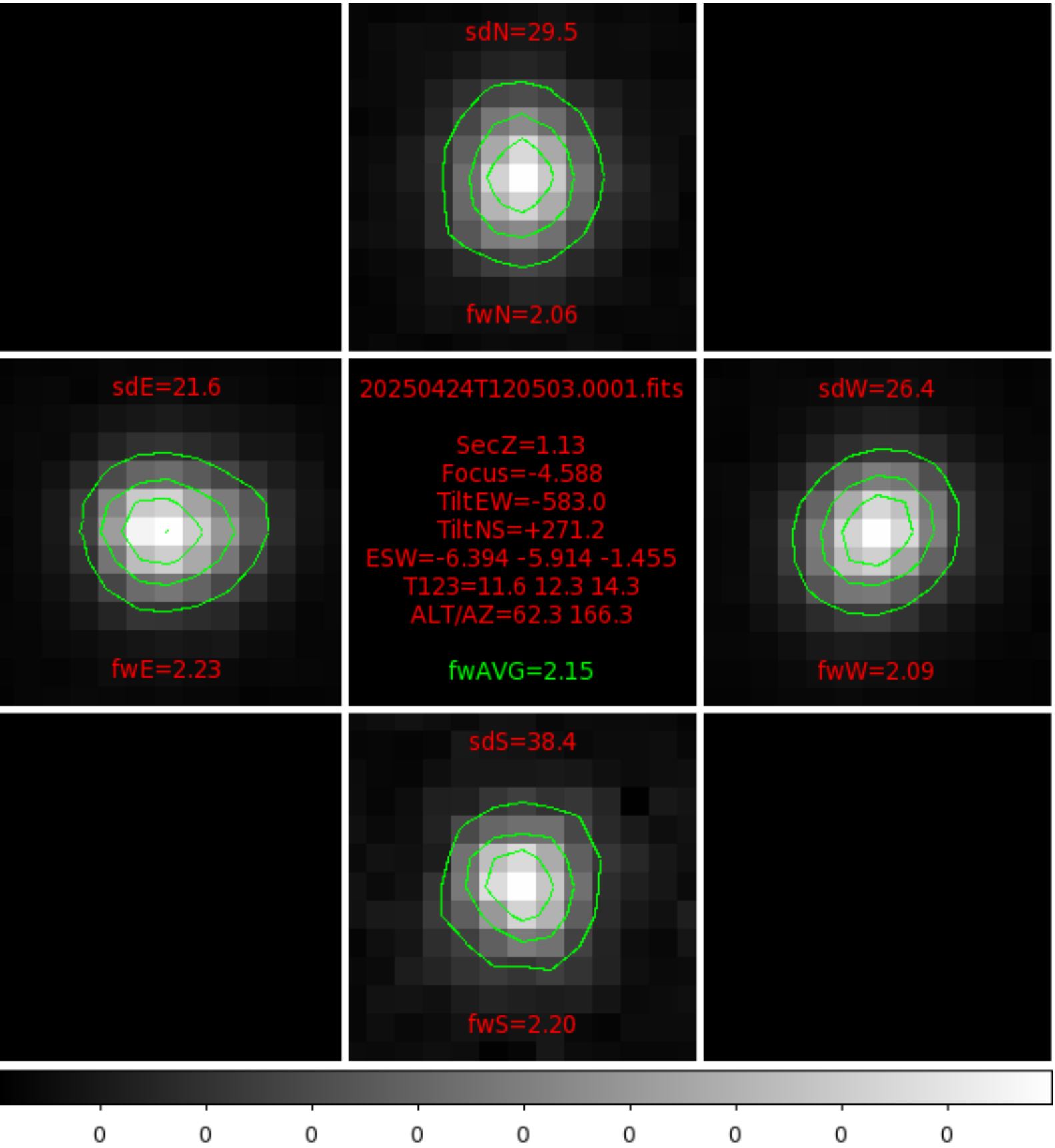
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SecZ=1.13
Focus=-4.588
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.394 -5.914 -1.455
T123=11.6 12.3 14.3
ALT/AZ=62.3 166.3
fwAVG=2.15
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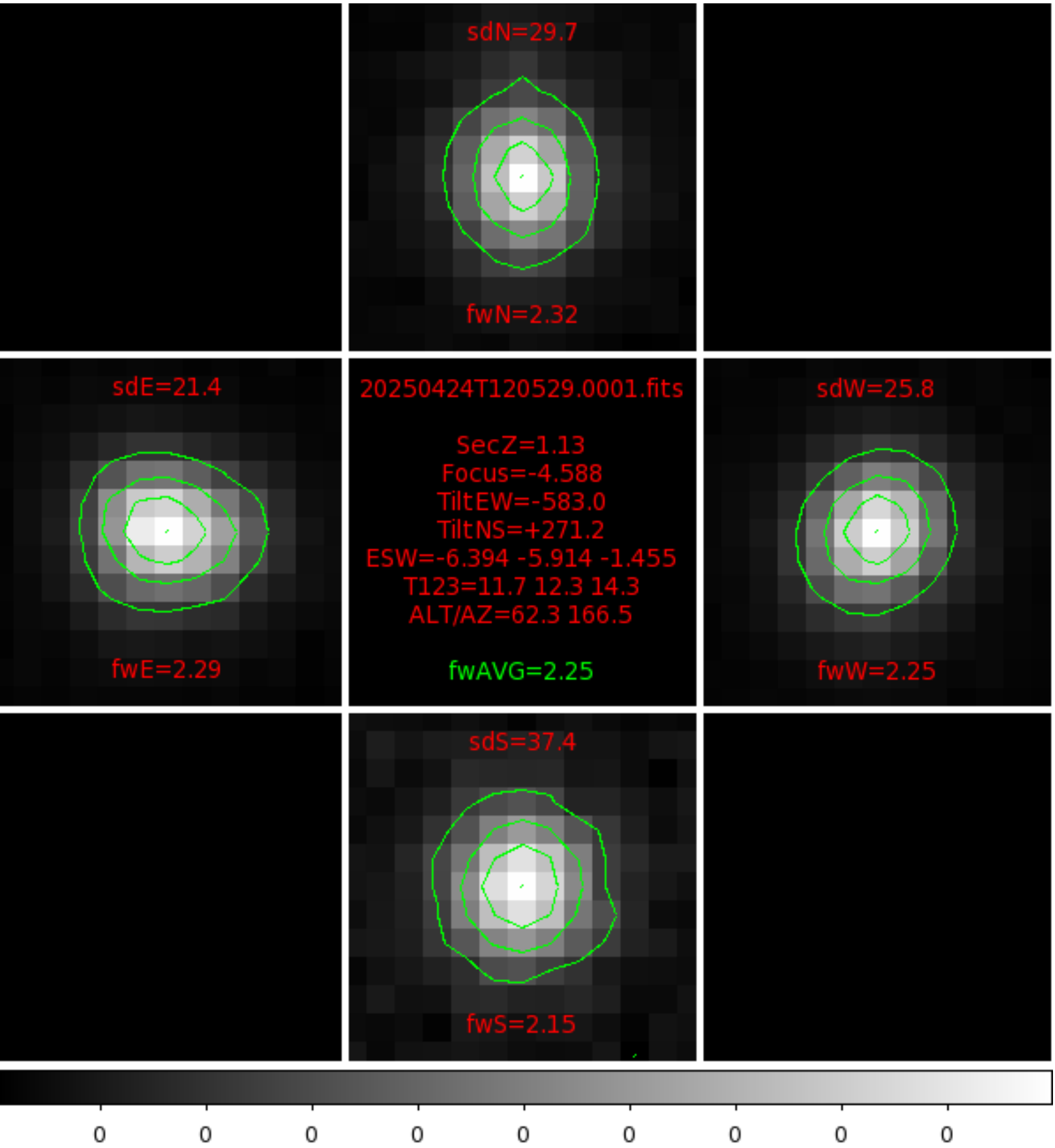
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sdE=21.4
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SecZ=1.13
Focus=-4.588
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.394 -5.914 -1.455
T123=11.7 12.3 14.3
ALT/AZ=62.3 166.5
fwAVG=2.25
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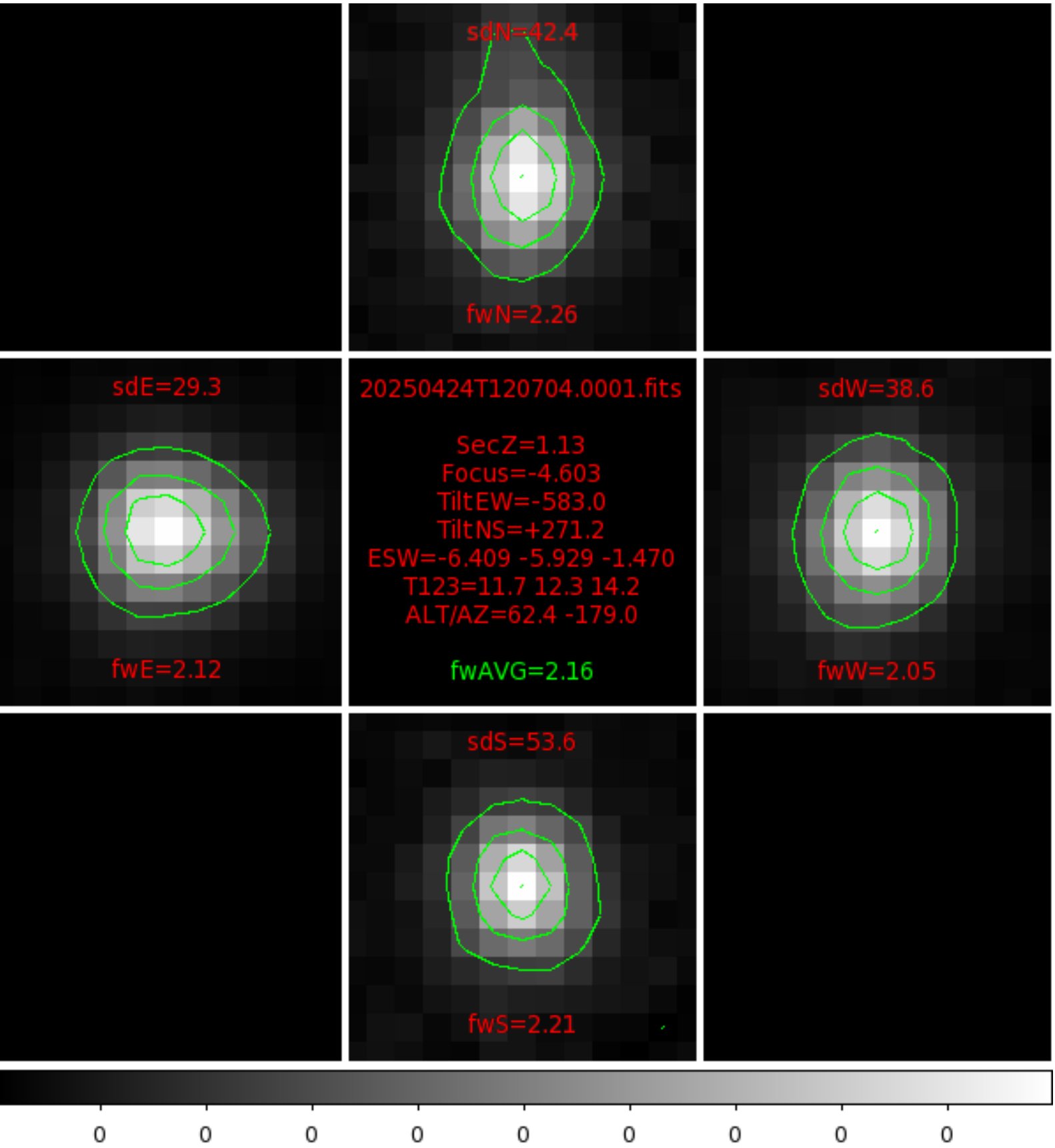
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sdE=29.3
fwE=2.12
20250424T120704.0001.fits
SecZ=1.13
Focus=-4.603
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.409 -5.929 -1.470
T123=11.7 12.3 14.2
ALT/AZ=62.4 -179.0
fwAVG=2.16
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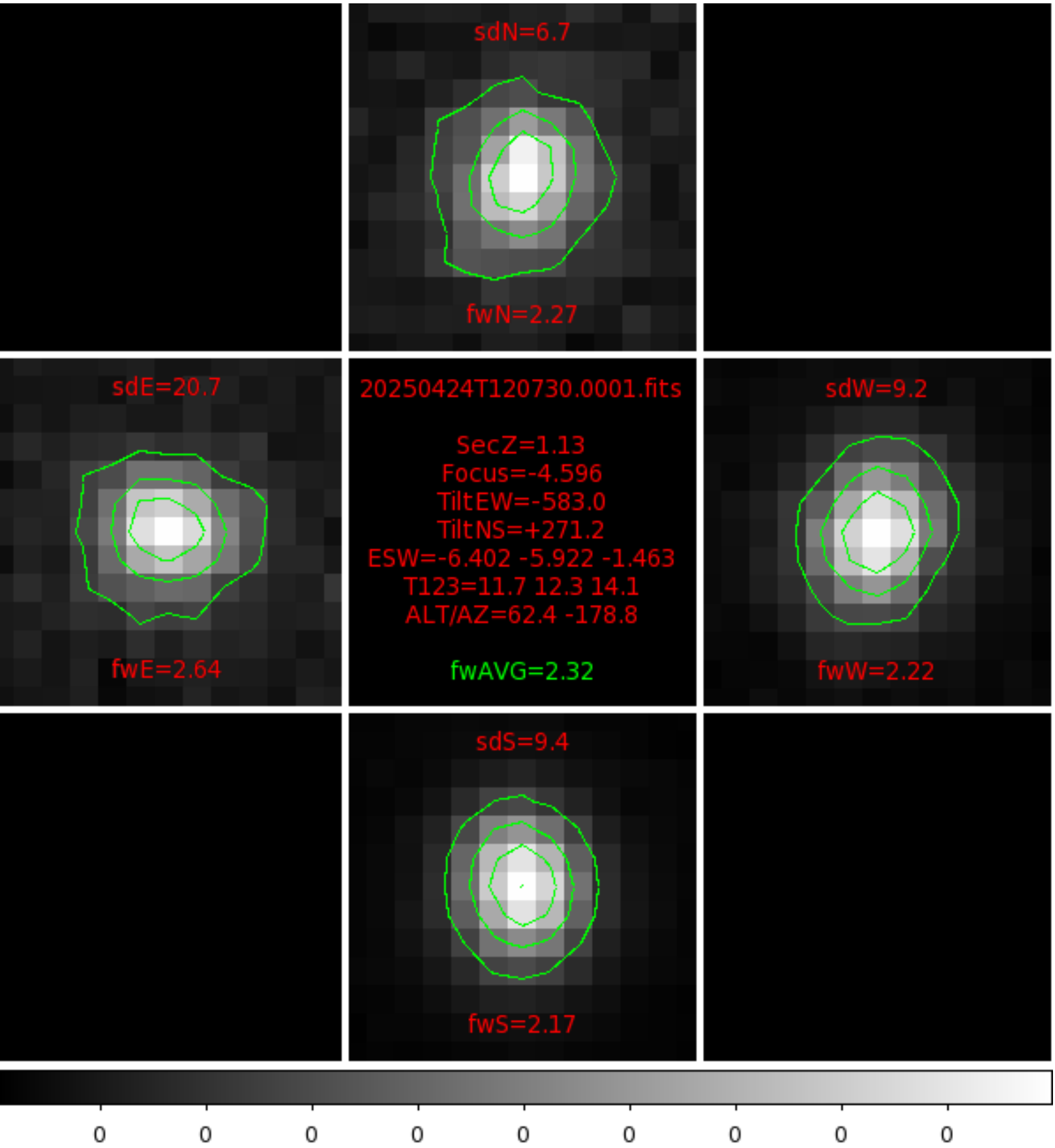
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SecZ=1.13
Focus=-4.596
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.402 -5.922 -1.463
T123=11.7 12.3 14.1
ALT/AZ=62.4 -178.8
fwAVG=2.32
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fwS=2.17
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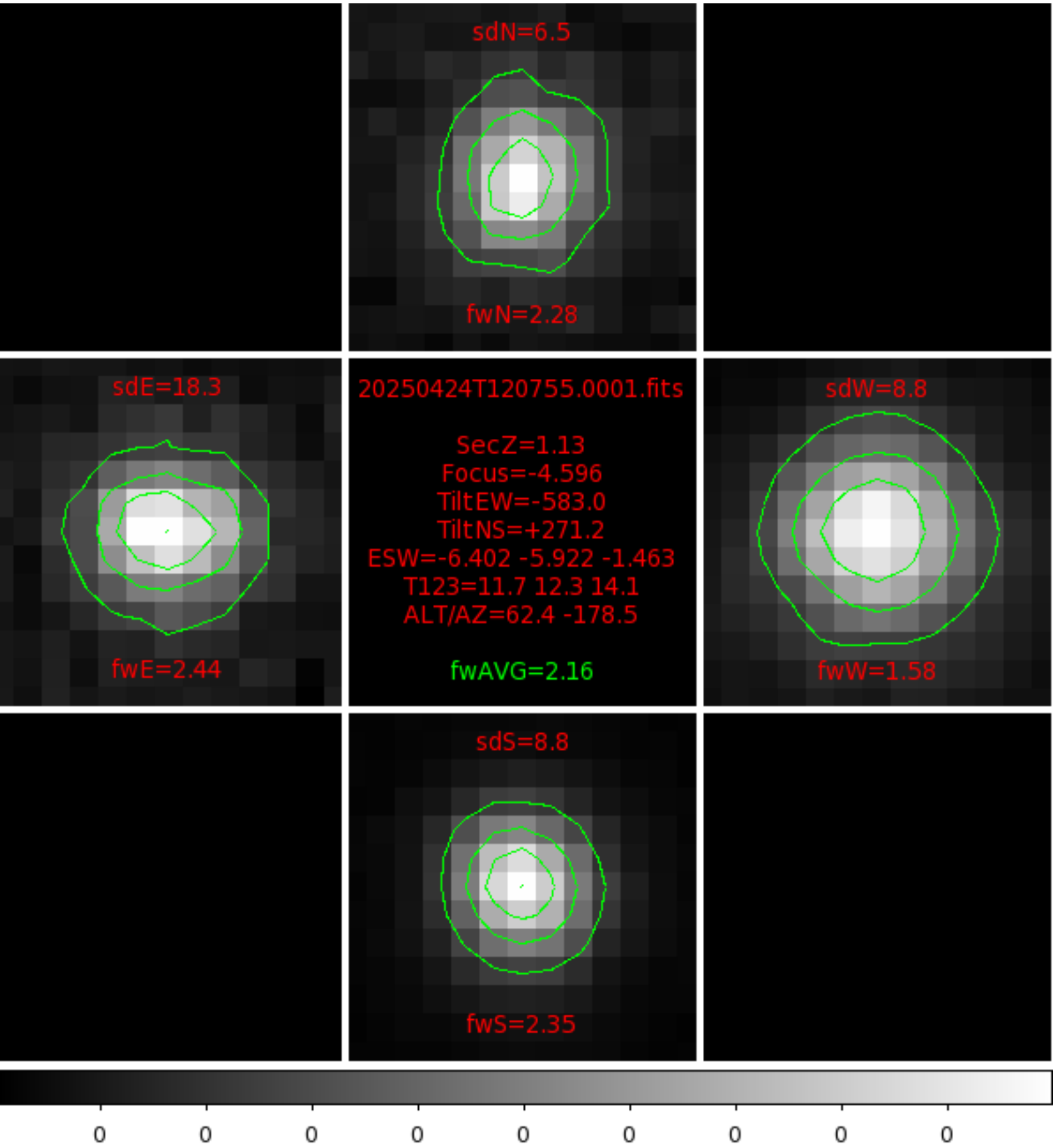
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sdE=18.3
fwE=2.44
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SecZ=1.13
Focus=-4.596
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.402 -5.922 -1.463
T123=11.7 12.3 14.1
ALT/AZ=62.4 -178.5
fwAVG=2.16
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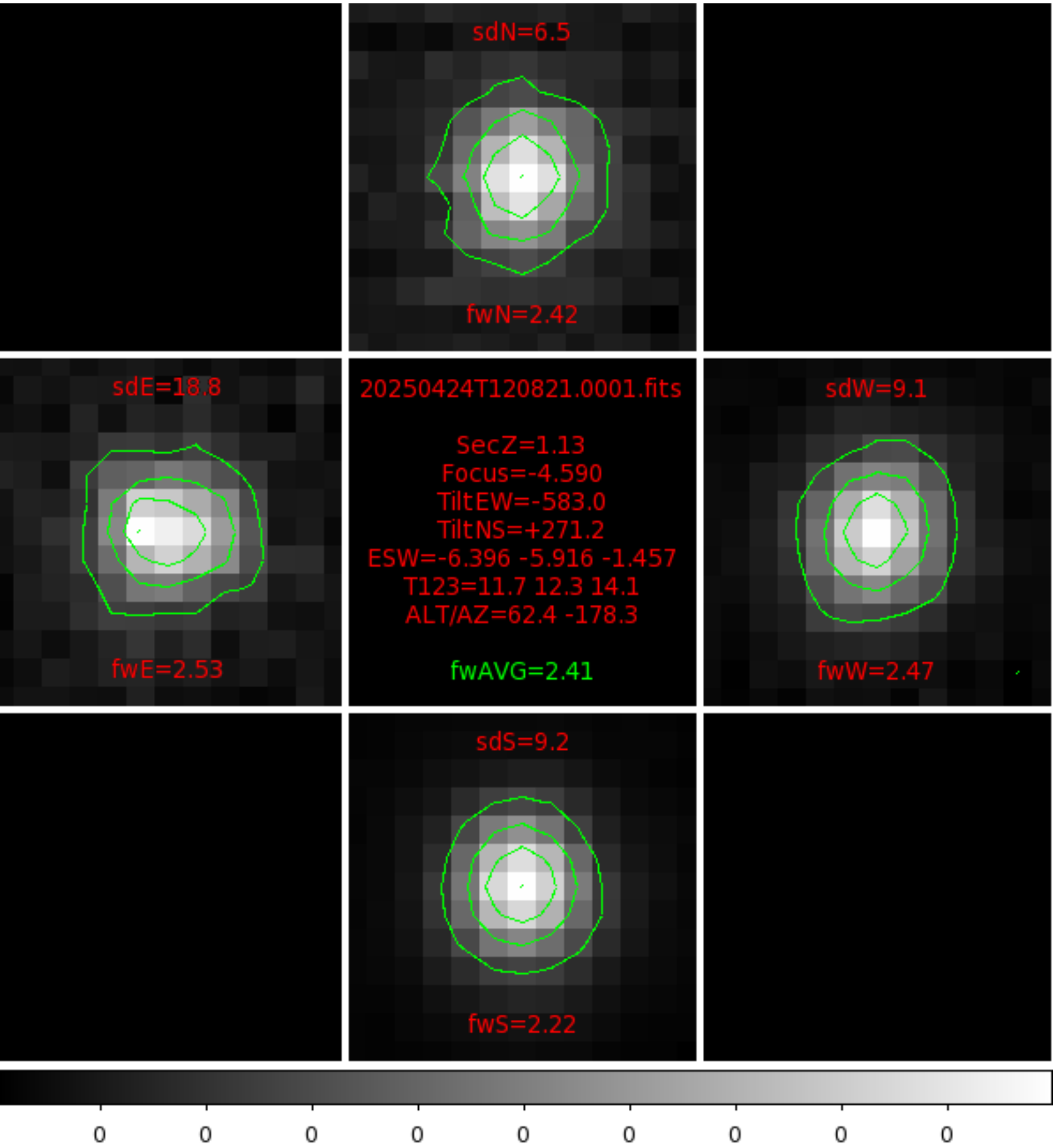
sdN=6.5
fwN=2.42
sdE=18.8
fwE=2.53
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SecZ=1.13
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.7 12.3 14.1
ALT/AZ=62.4 -178.3
fwAVG=2.41
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fwW=2.47
sdS=9.2
fwS=2.22
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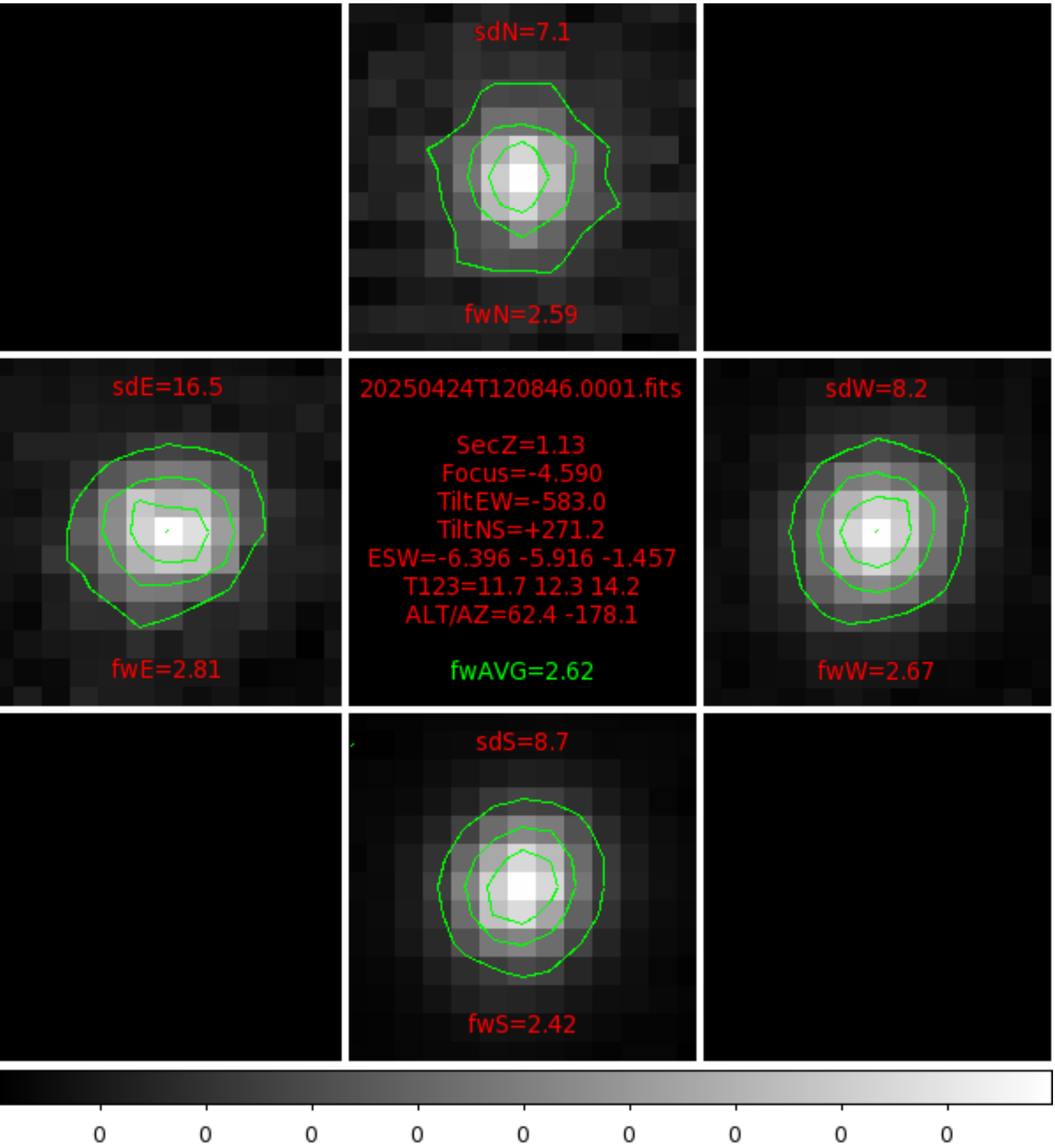
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SecZ=1.13
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.7 12.3 14.2
ALT/AZ=62.4 -178.1
fwAVG=2.62
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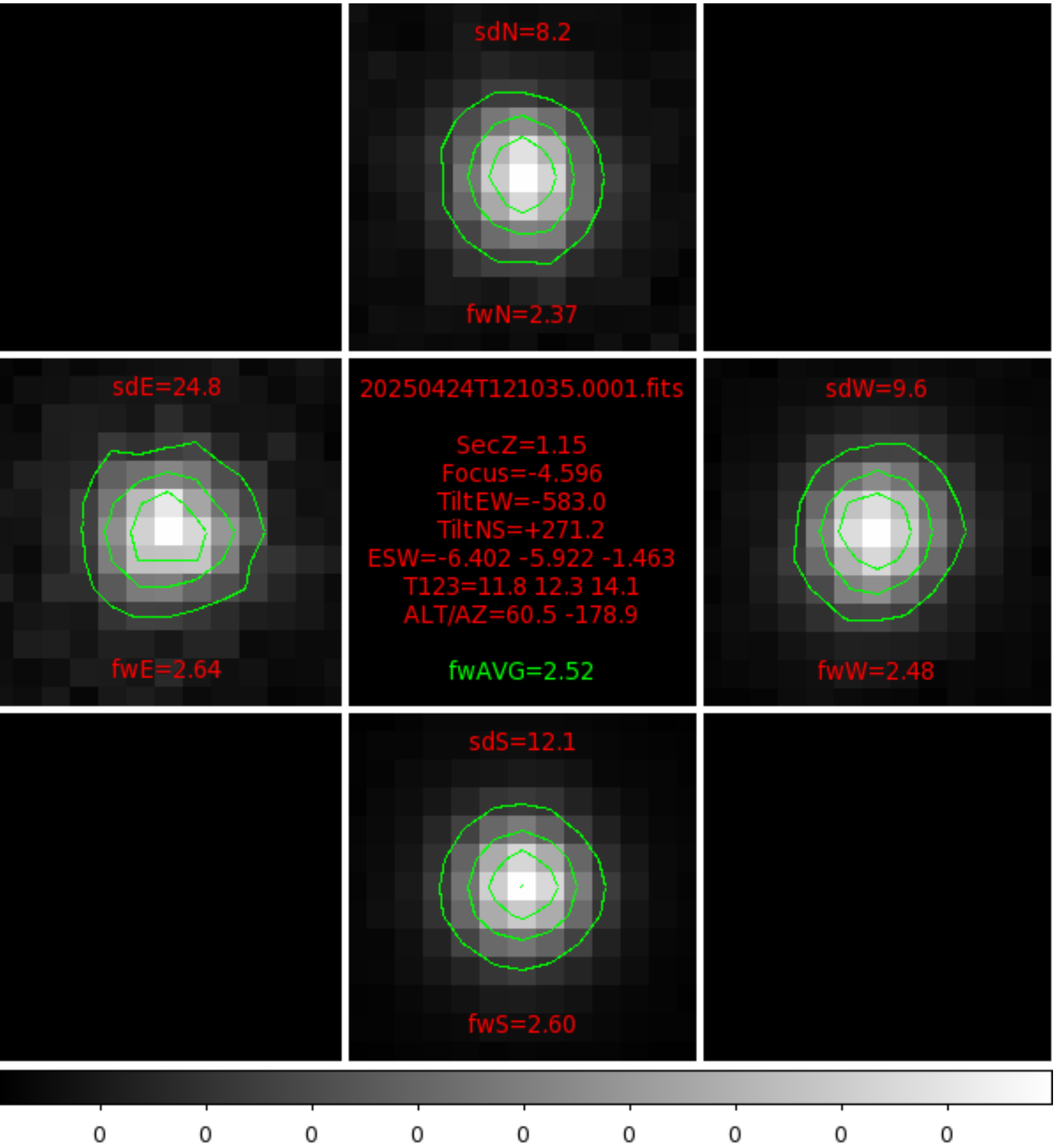
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SecZ=1.15
Focus=-4.596
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.402 -5.922 -1.463
T123=11.8 12.3 14.1
ALT/AZ=60.5 -178.9
fwAVG=2.52
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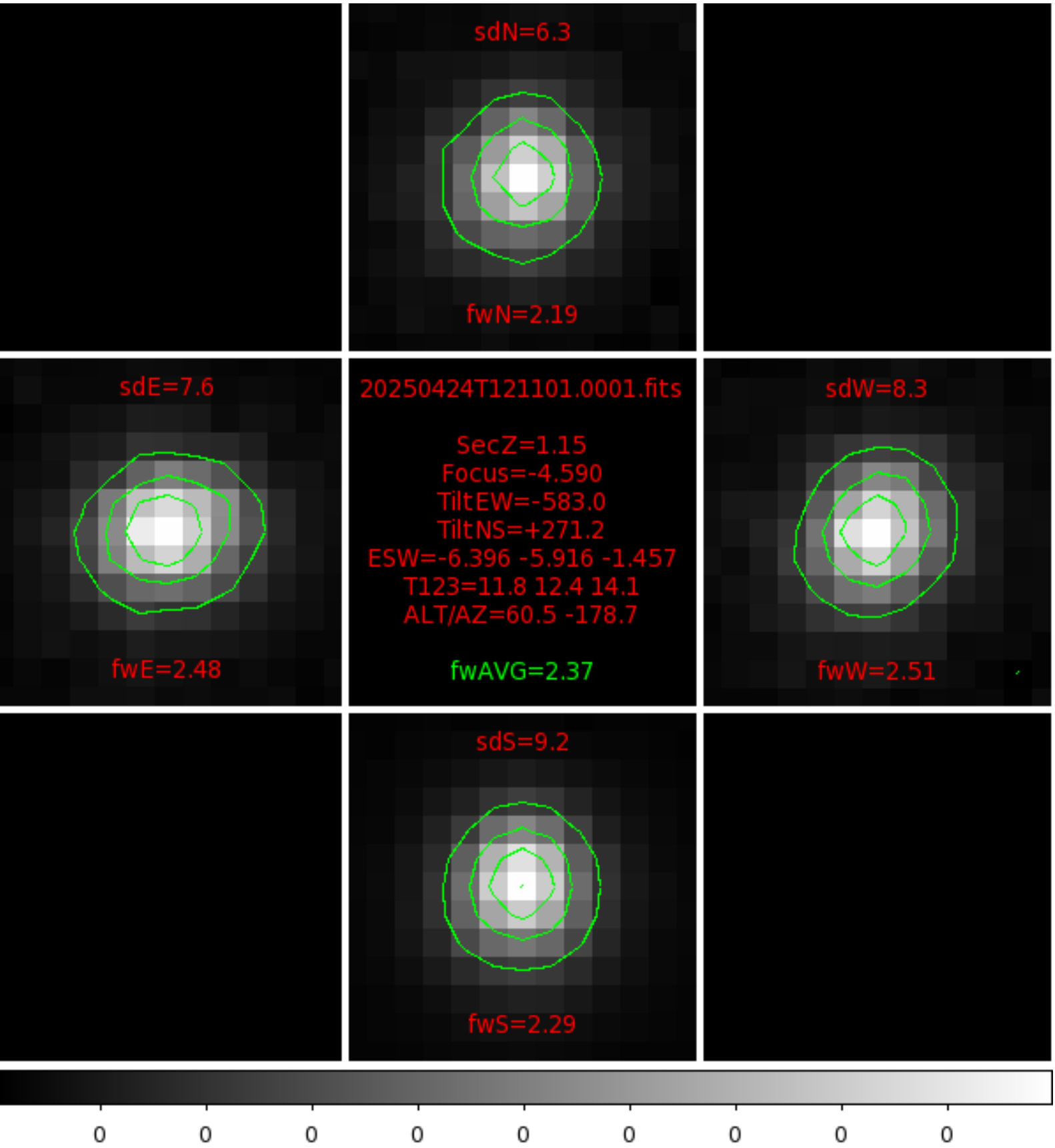
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SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.8 12.4 14.1
ALT/AZ=60.5 -178.7
fwAVG=2.37
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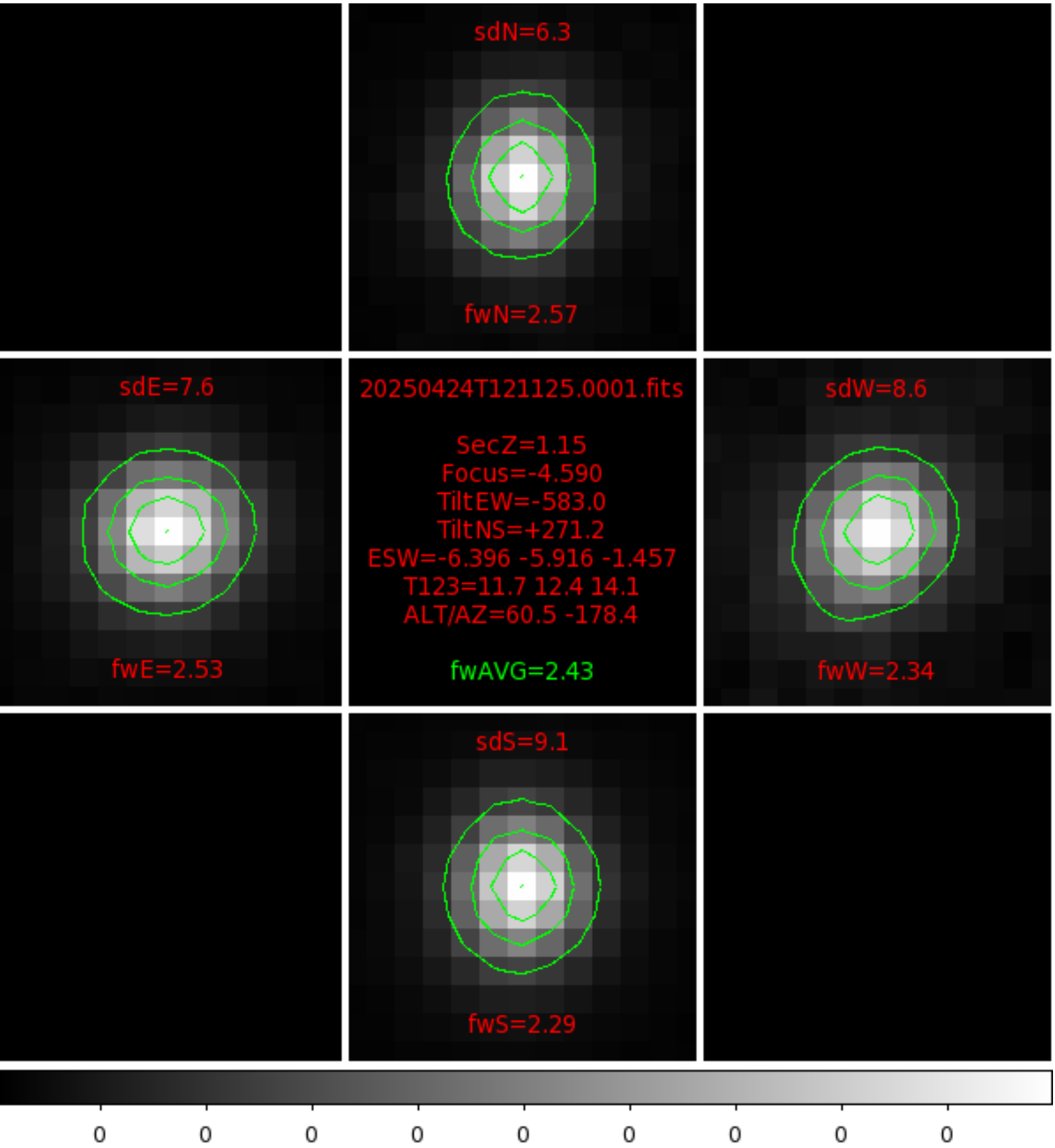
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SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.7 12.4 14.1
ALT/AZ=60.5 -178.4
fwAVG=2.43
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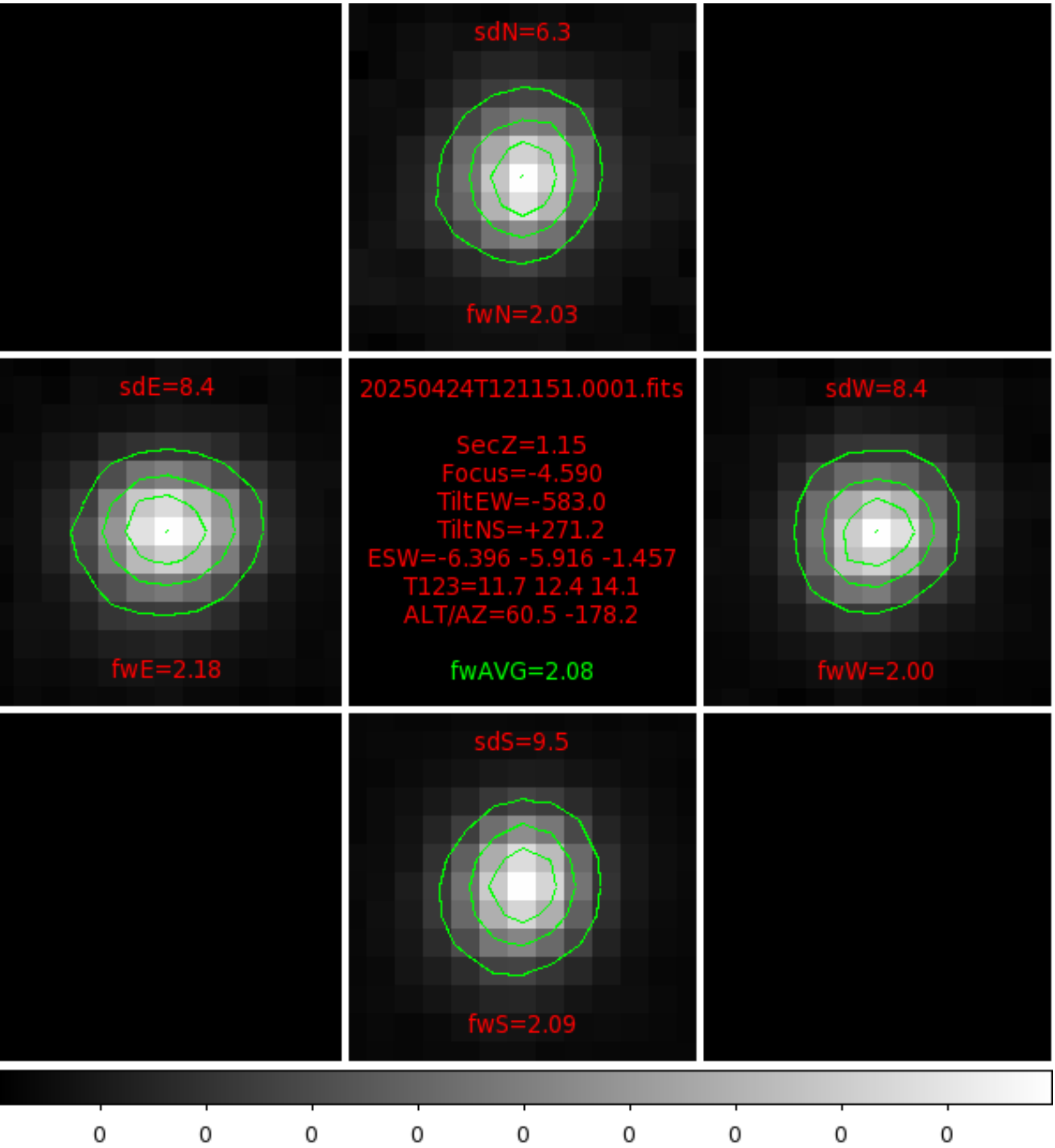
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sdE=8.4
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SecZ=1.15
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.7 12.4 14.1
ALT/AZ=60.5 -178.2
fwAVG=2.08
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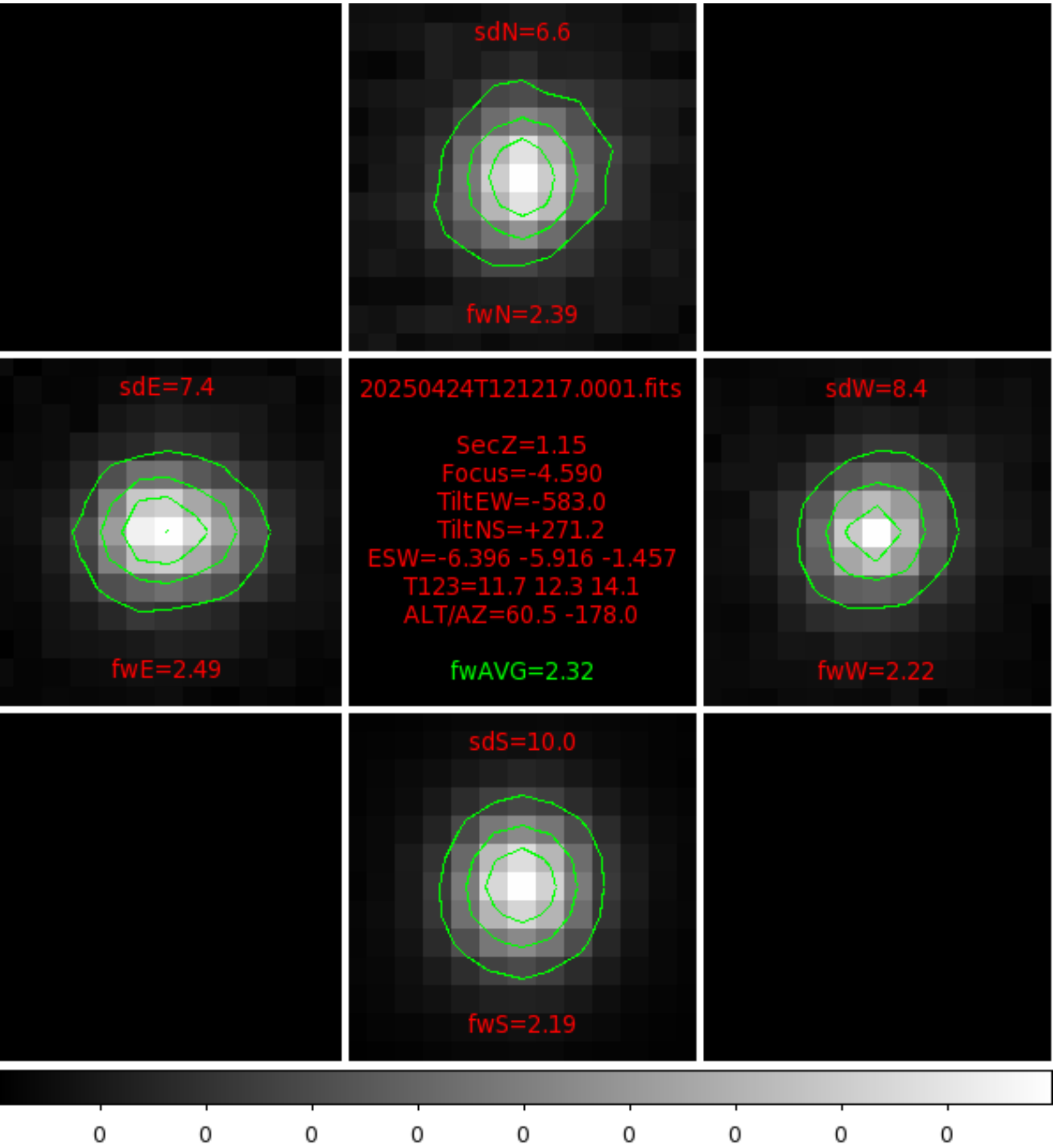
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SecZ=1.15
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.7 12.3 14.1
ALT/AZ=60.5 -178.0
fwAVG=2.32
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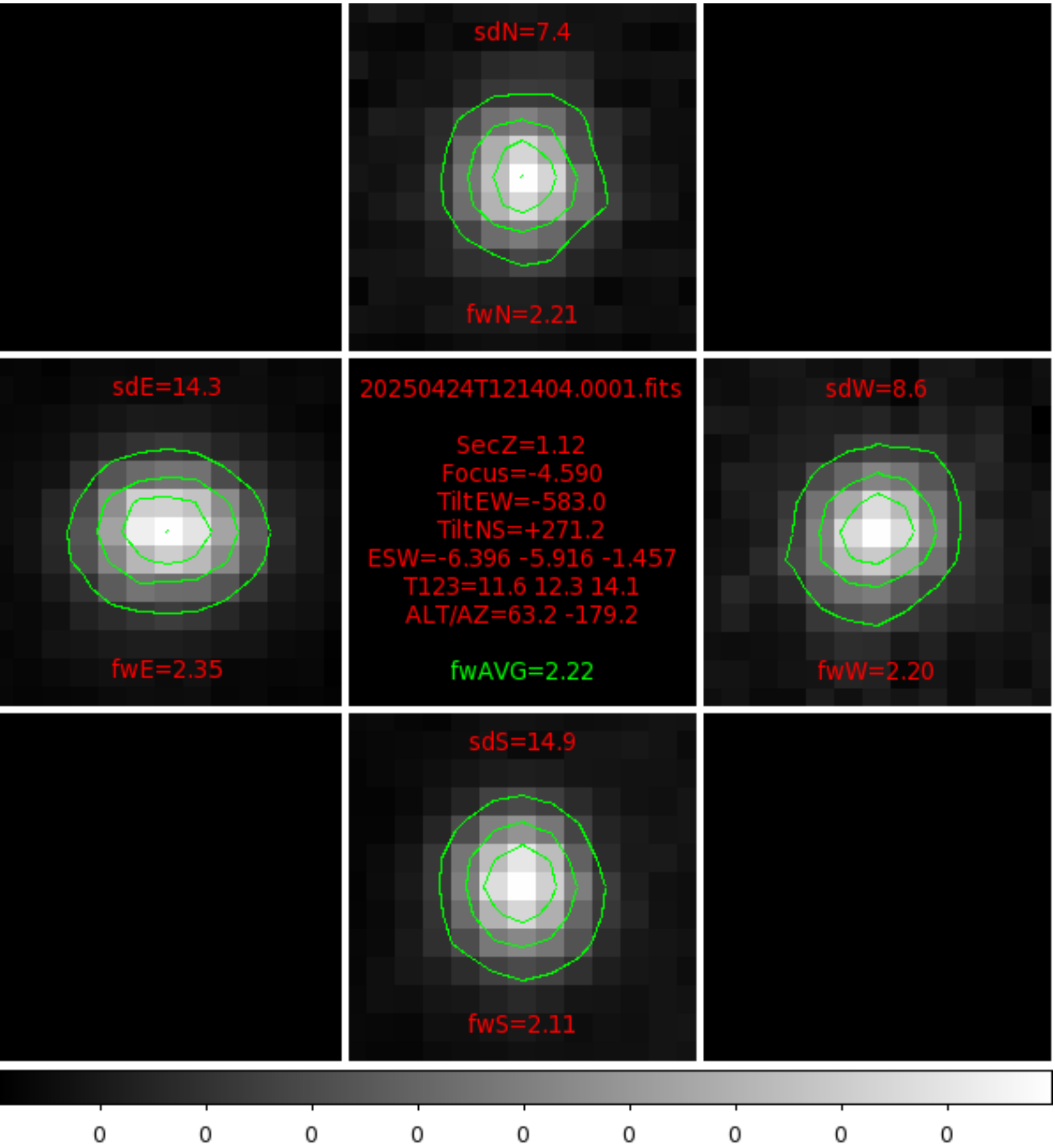
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sdE=14.3
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SecZ=1.12
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.3 14.1
ALT/AZ=63.2 -179.2
fwAVG=2.22
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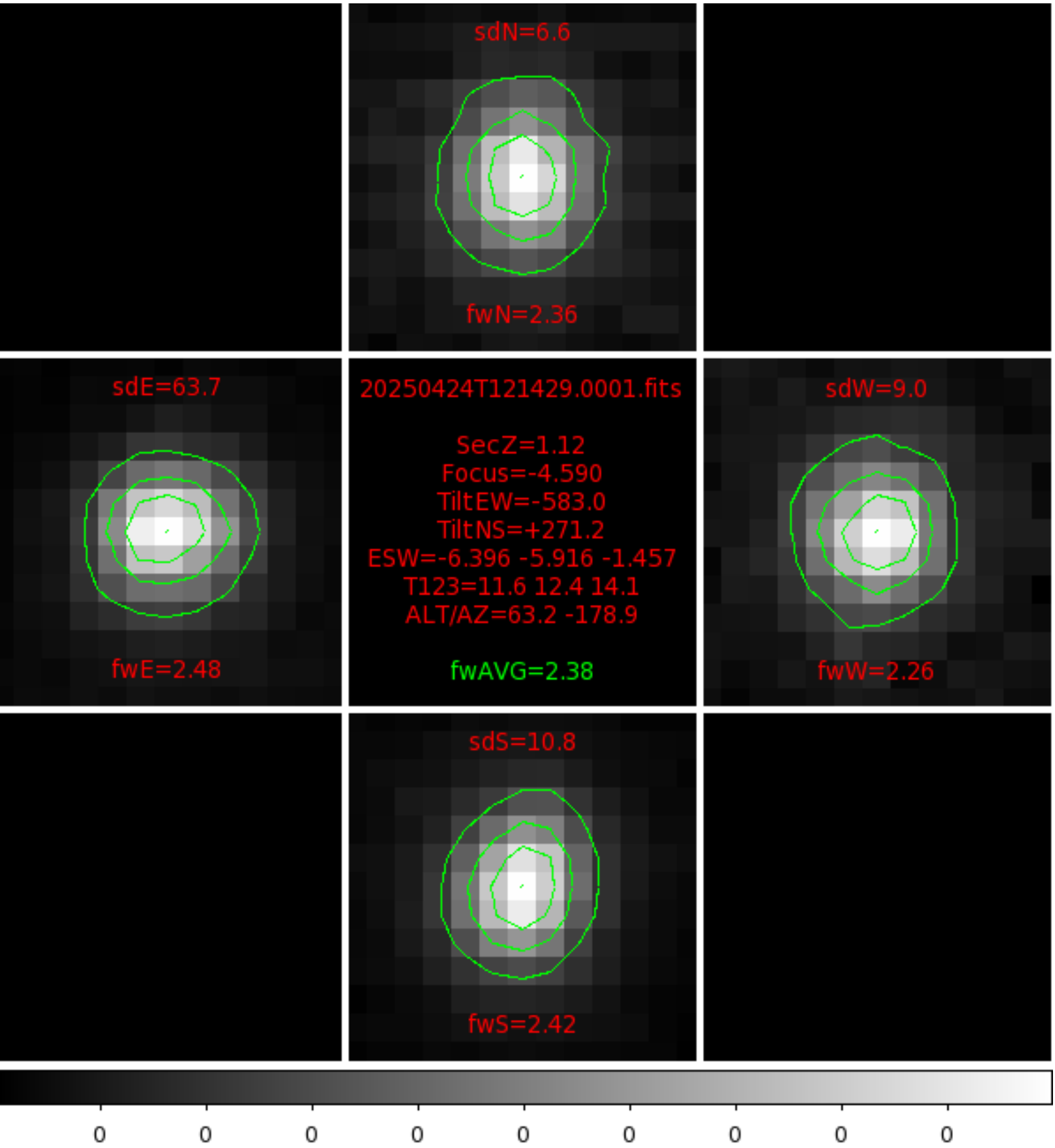
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sdE=63.7
fwE=2.48
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SecZ=1.12
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.4 14.1
ALT/AZ=63.2 -178.9
fwAVG=2.38
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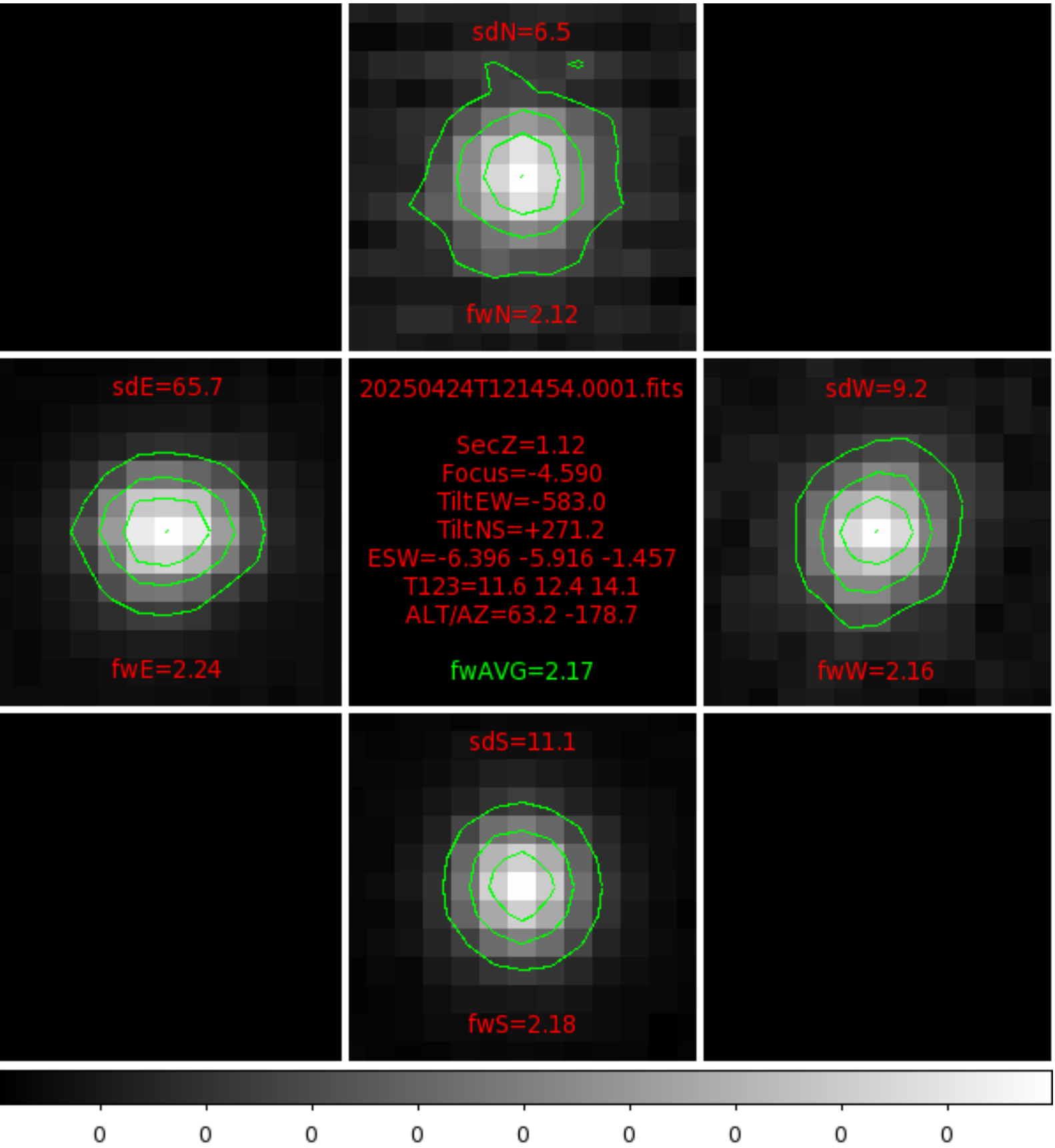
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SecZ=1.12
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.4 14.1
ALT/AZ=63.2 -178.7
fwAVG=2.17
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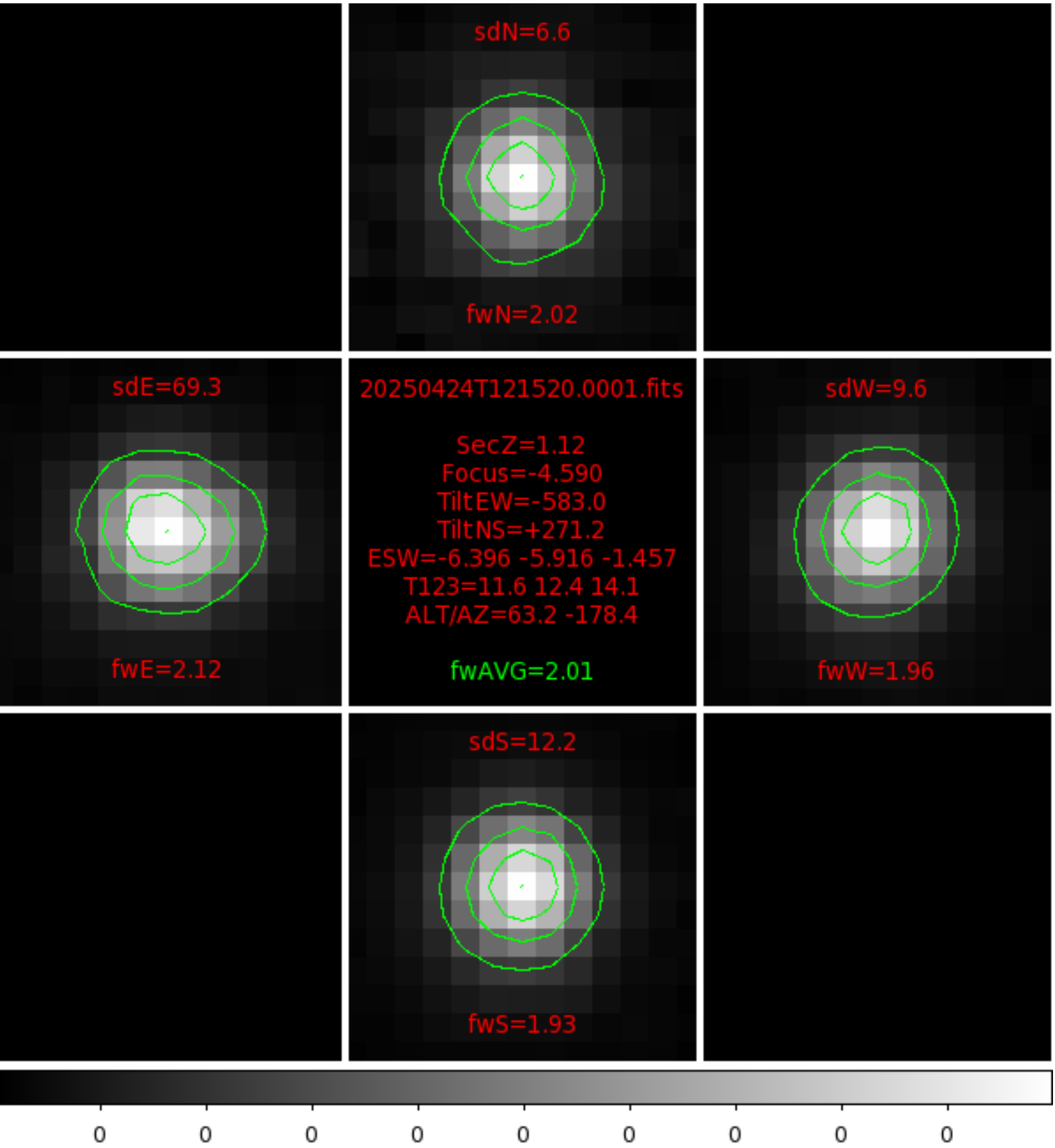
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sdE=69.3
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SecZ=1.12
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.4 14.1
ALT/AZ=63.2 -178.4
fwAVG=2.01
sdW=9.6
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sdS=12.2
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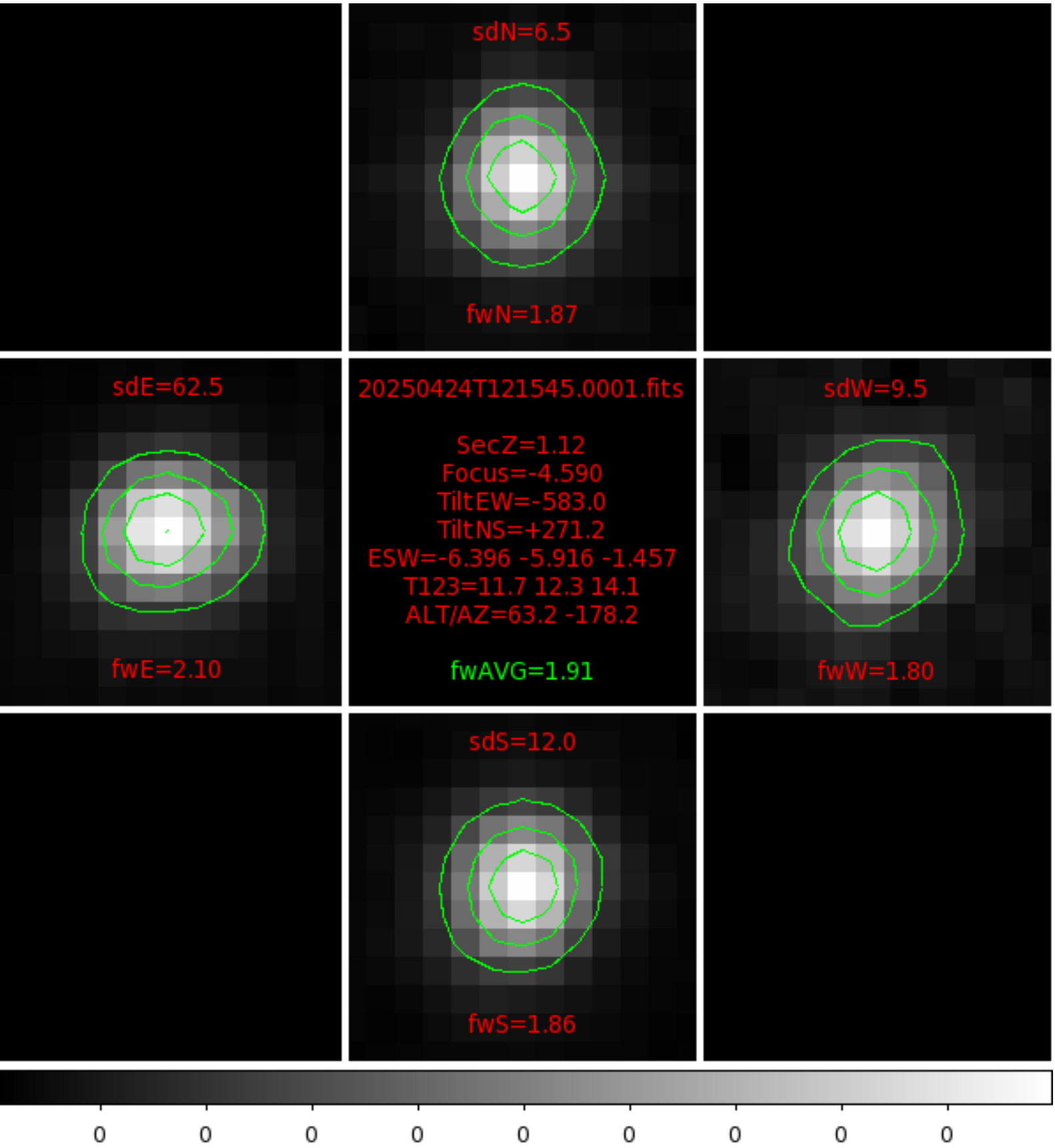
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sdE=62.5
fwE=2.10
20250424T121545.0001.fits
SecZ=1.12
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.7 12.3 14.1
ALT/AZ=63.2 -178.2
fwAVG=1.91
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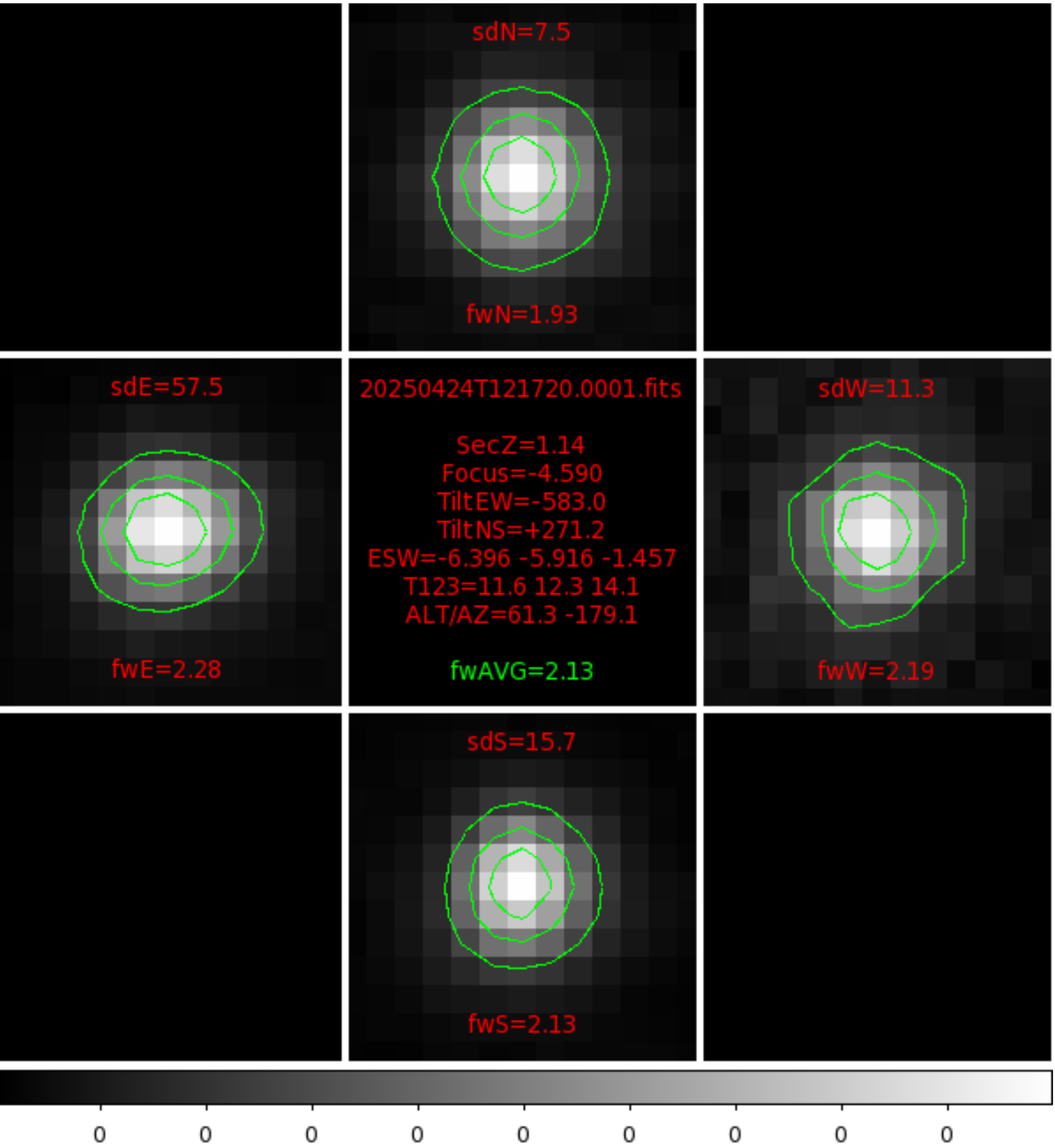
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.3 14.1
ALT/AZ=61.3 -179.1
fwAVG=2.13
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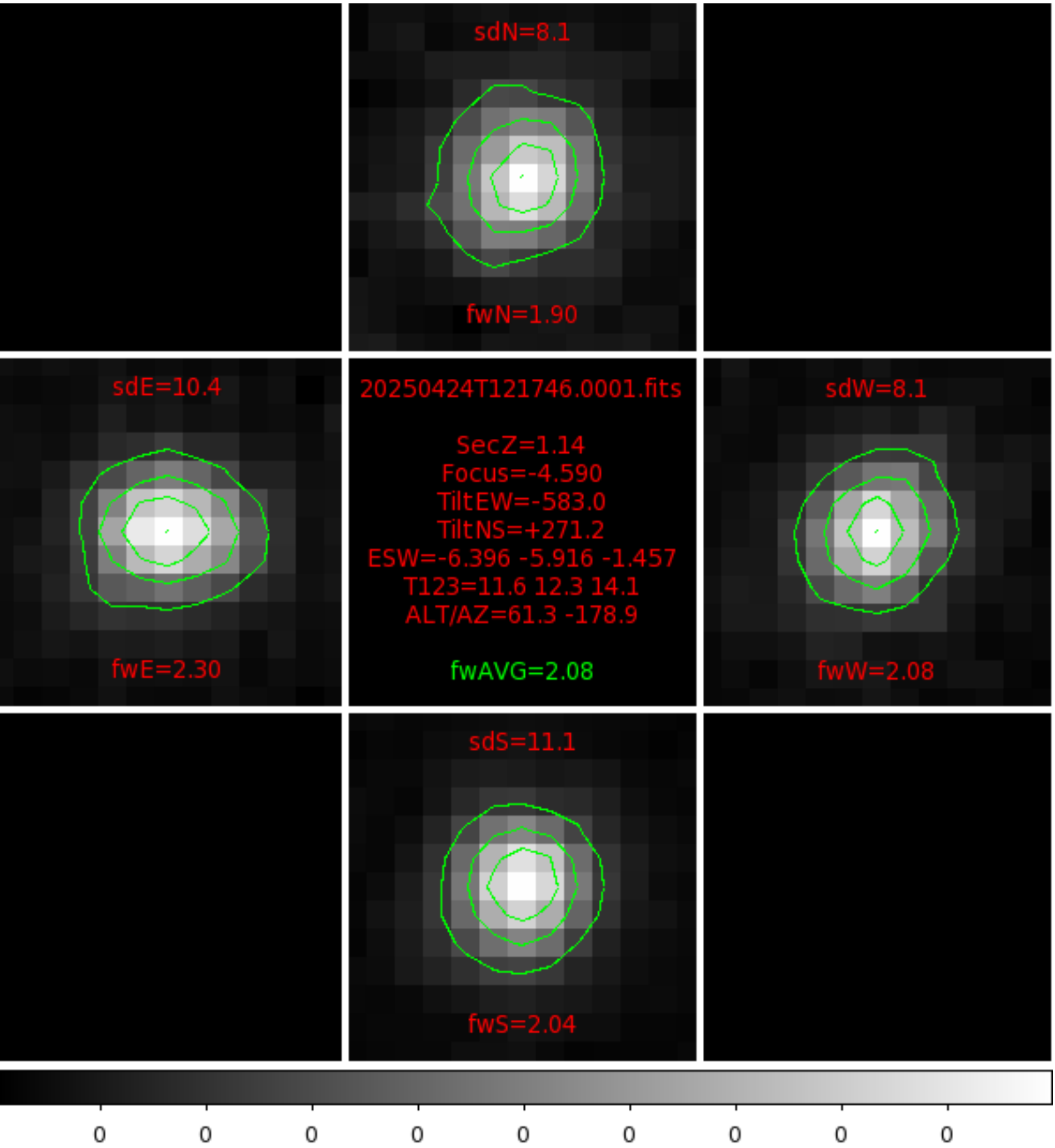
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20250424T121746.0001.fits
SecZ=1.14
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.3 14.1
ALT/AZ=61.3 -178.9
fwAVG=2.08
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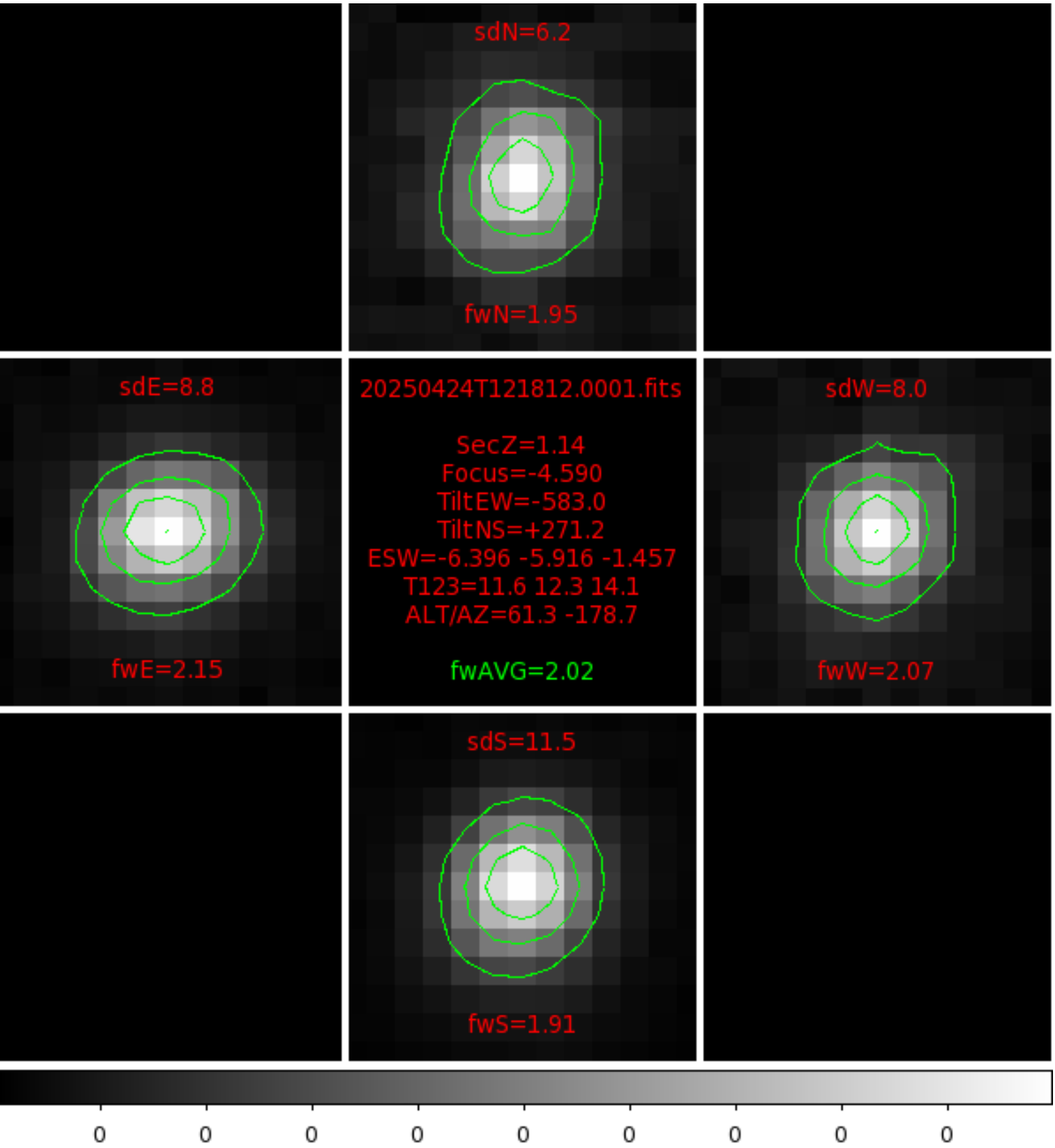
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fwE=2.15
20250424T121812.0001.fits
SecZ=1.14
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.3 14.1
ALT/AZ=61.3 -178.7
fwAVG=2.02
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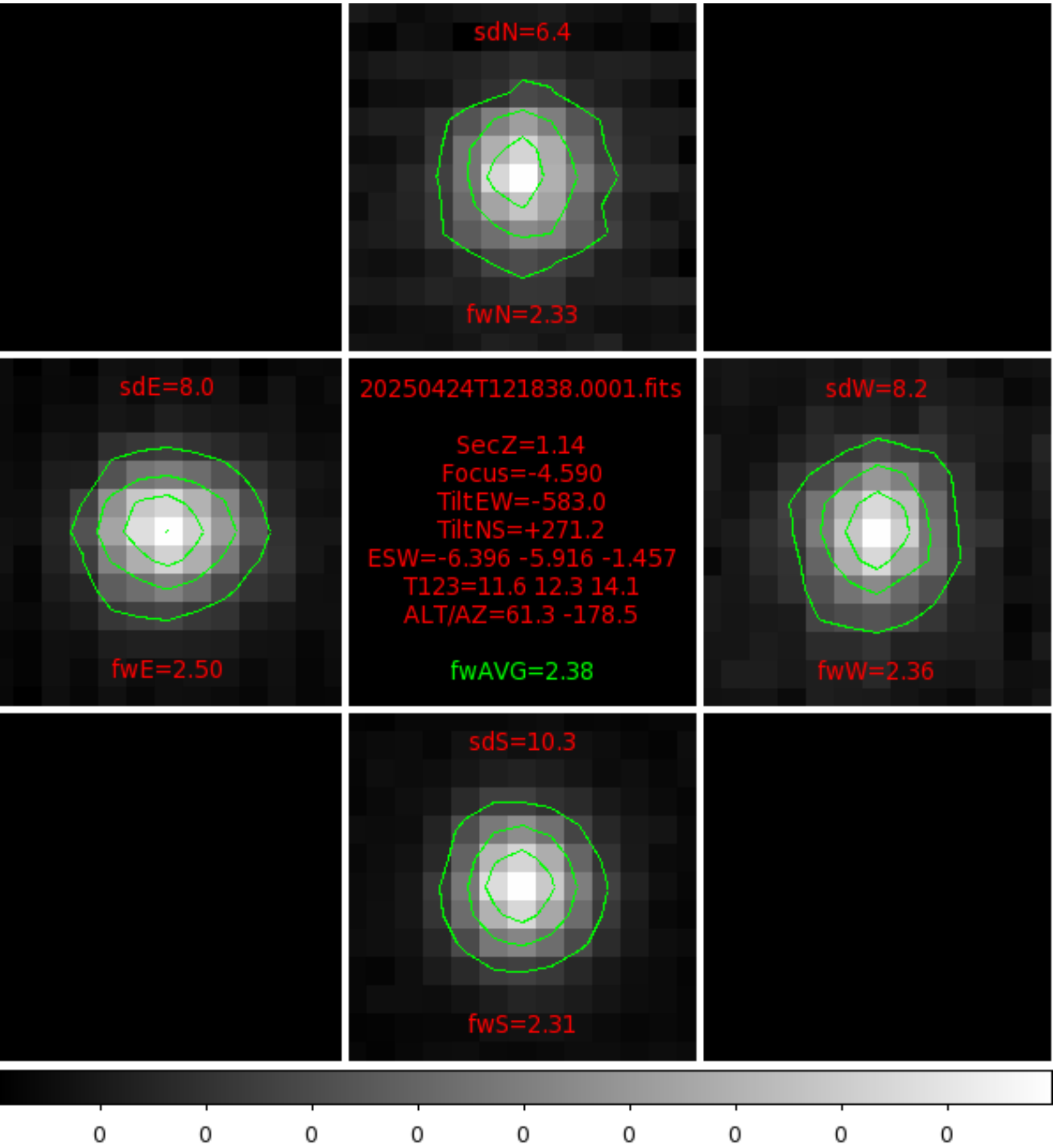
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SecZ=1.14
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.3 14.1
ALT/AZ=61.3 -178.5
fwAVG=2.38
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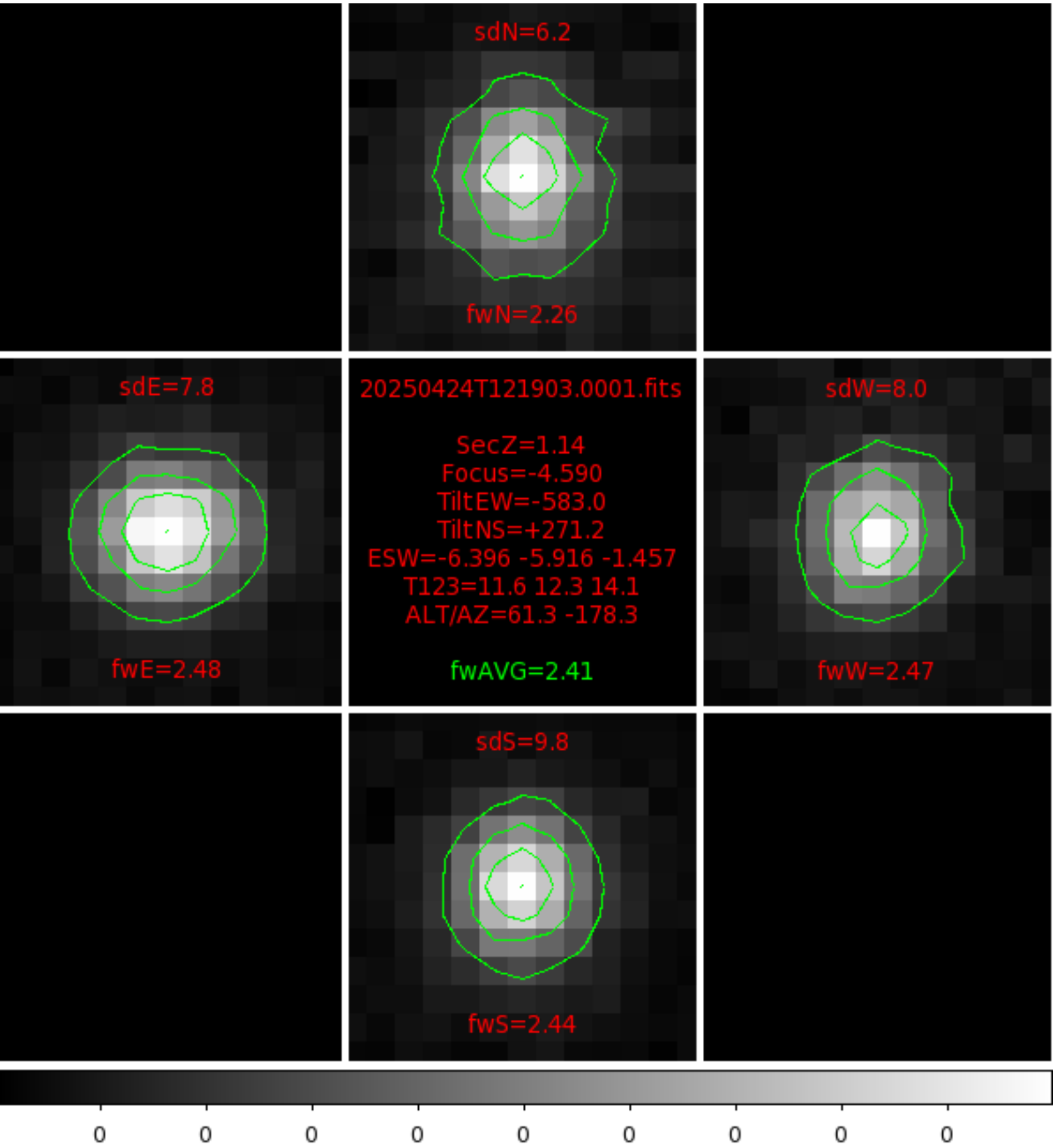
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fwN=2.26
sdE=7.8
fwE=2.48
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SecZ=1.14
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.3 14.1
ALT/AZ=61.3 -178.3
fwAVG=2.41
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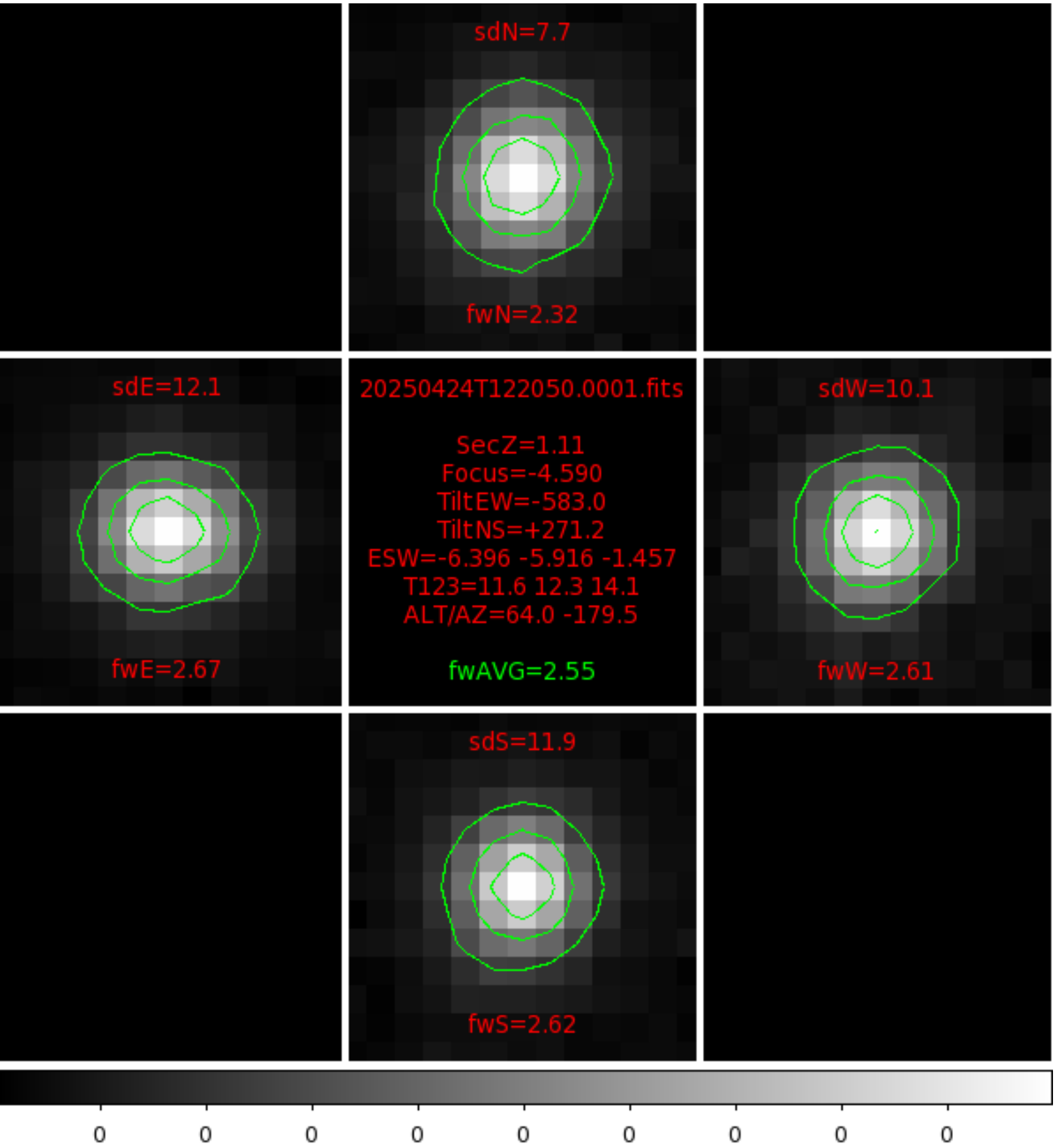
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fwE=2.67
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SecZ=1.11
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.3 14.1
ALT/AZ=64.0 -179.5
fwAVG=2.55
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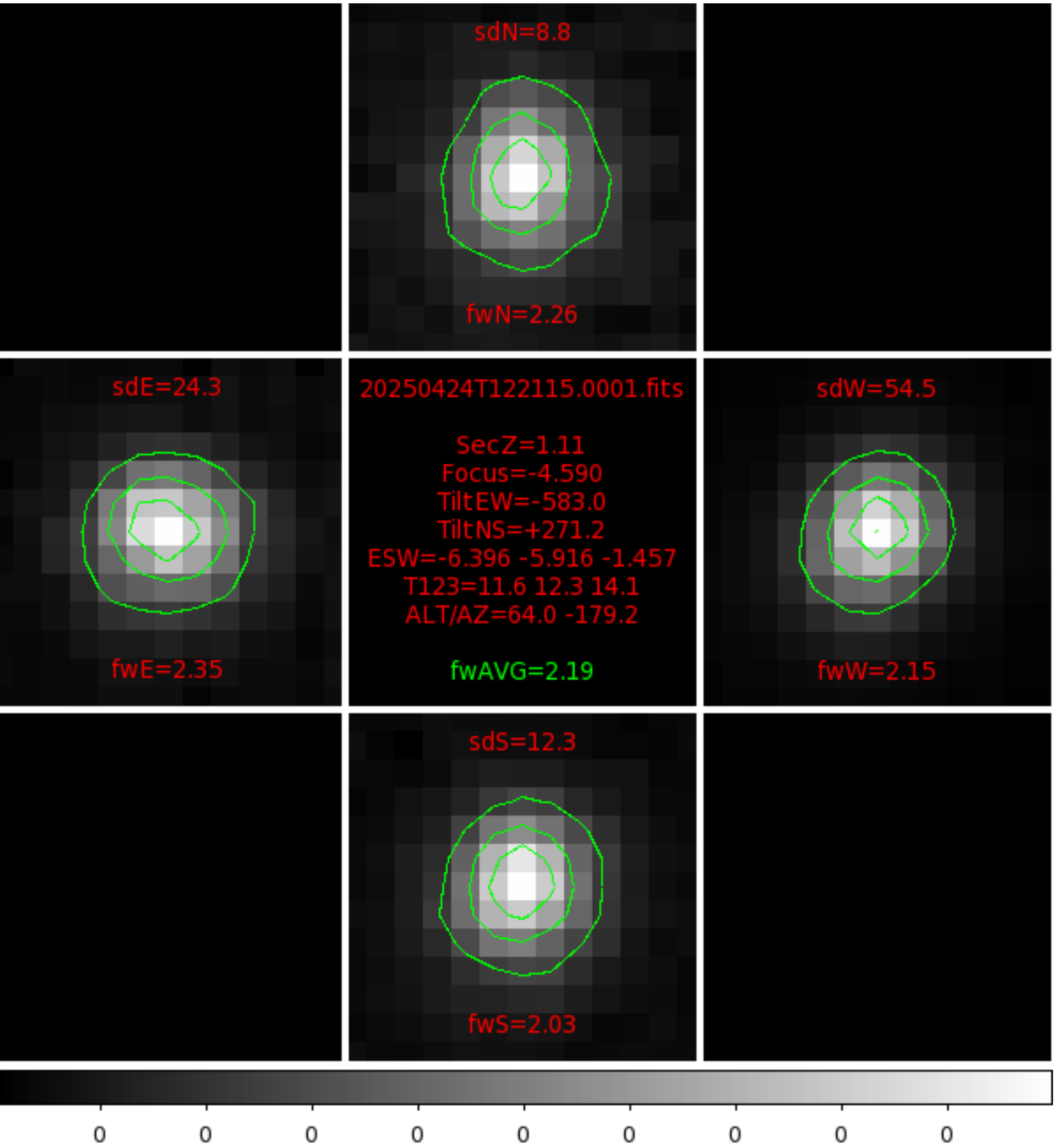
sdN=8.8
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sdE=24.3
fwE=2.35
20250424T122115.0001.fits
SecZ=1.11
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.3 14.1
ALT/AZ=64.0 -179.2
fwAVG=2.19
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sdS=12.3
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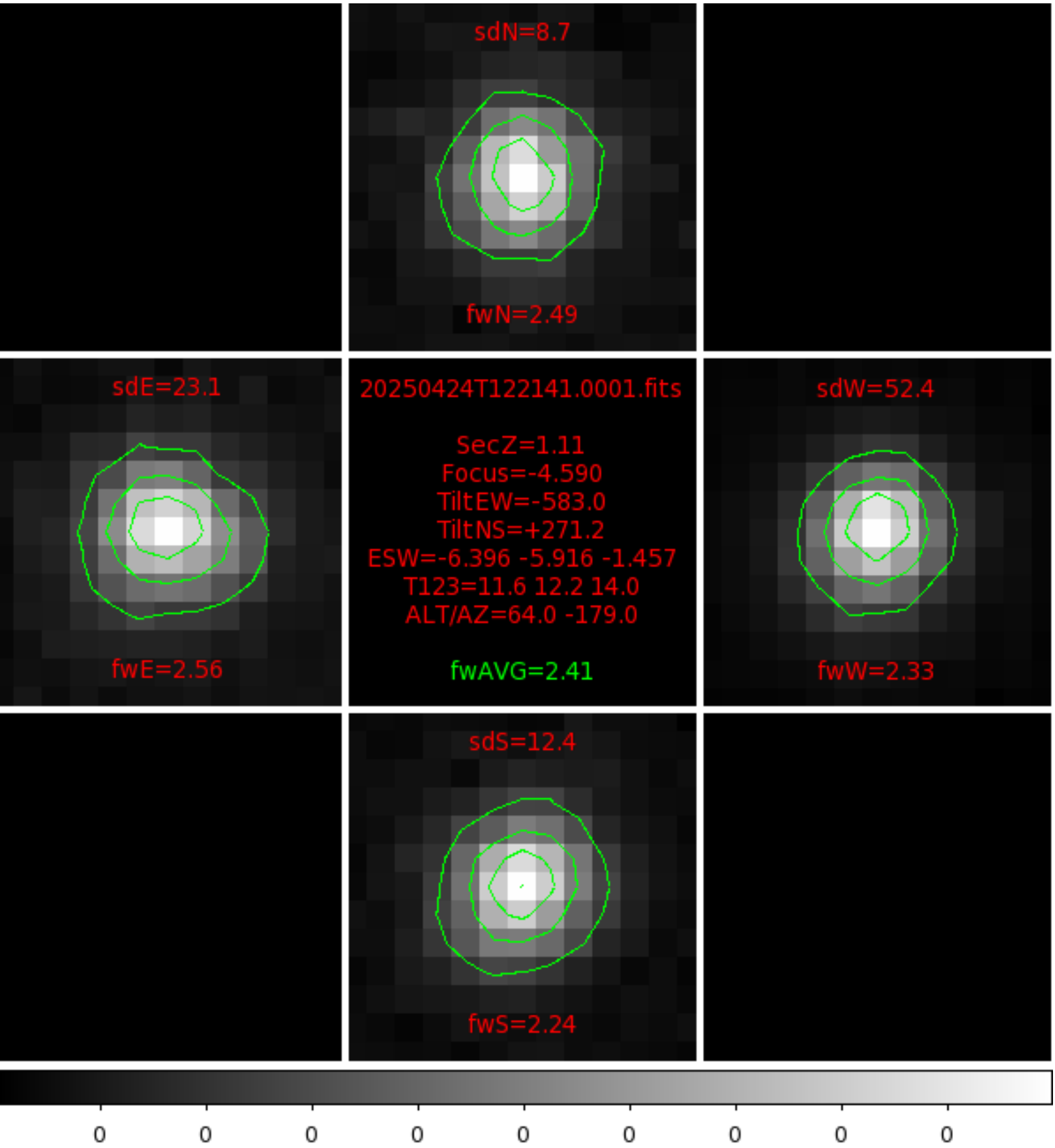
sdN=8.7
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fwE=2.56
20250424T122141.0001.fits
SecZ=1.11
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.2 14.0
ALT/AZ=64.0 -179.0
fwAVG=2.41
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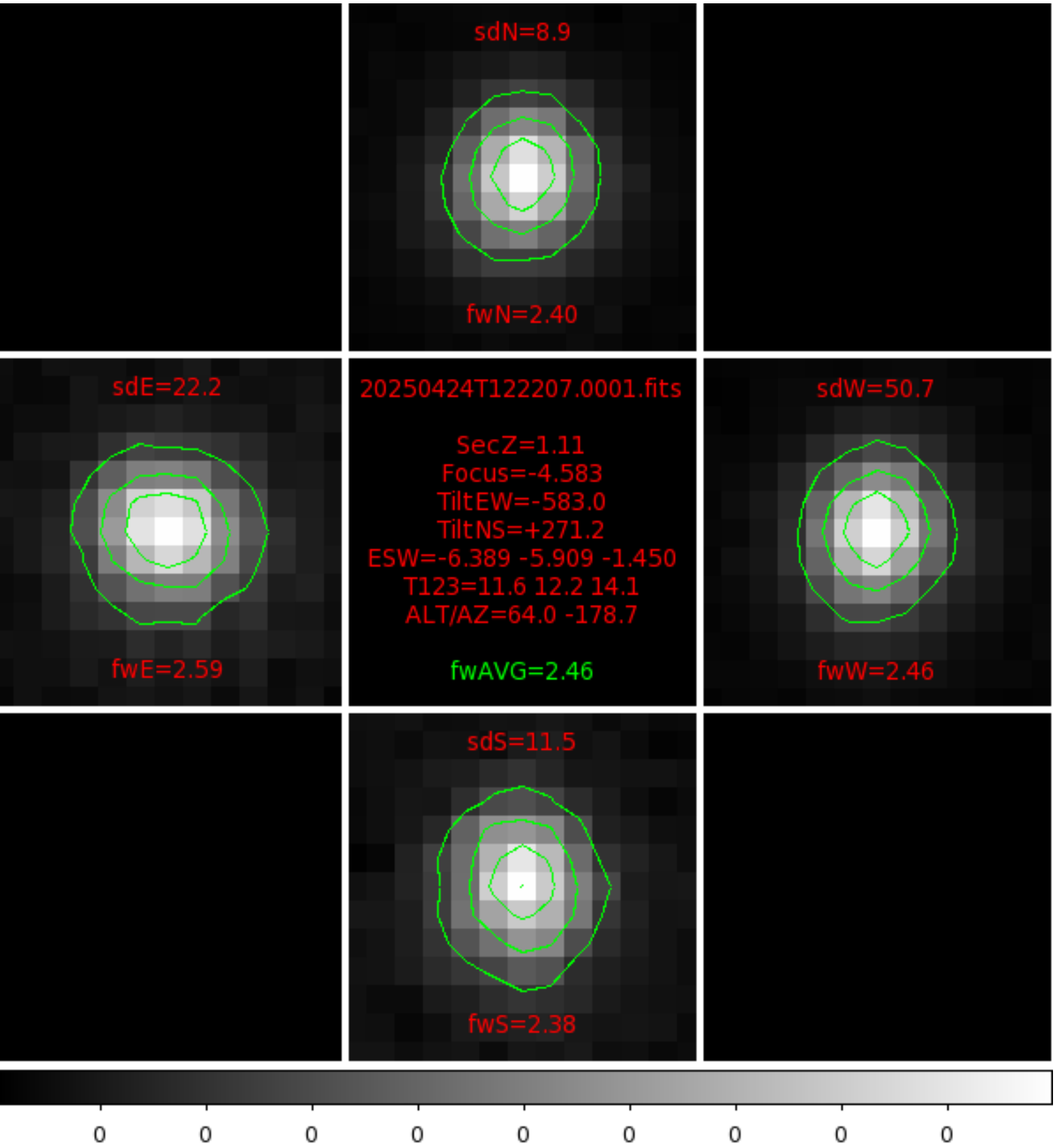
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SecZ=1.11
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.6 12.2 14.1
ALT/AZ=64.0 -178.7
fwAVG=2.46
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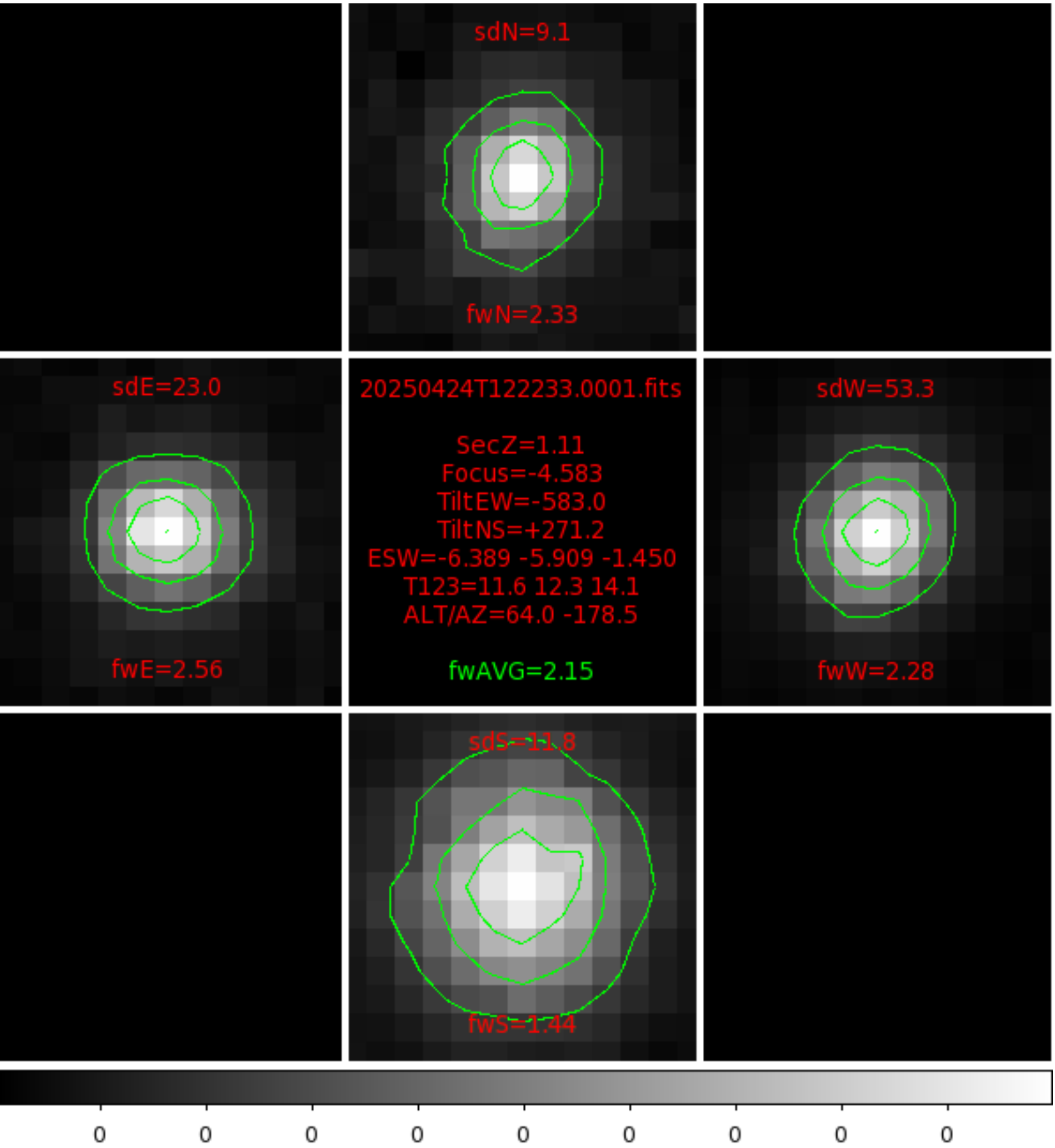
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sdE=23.0
fwE=2.56
20250424T122233.0001.fits
SecZ=1.11
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.6 12.3 14.1
ALT/AZ=64.0 -178.5
fwAVG=2.15
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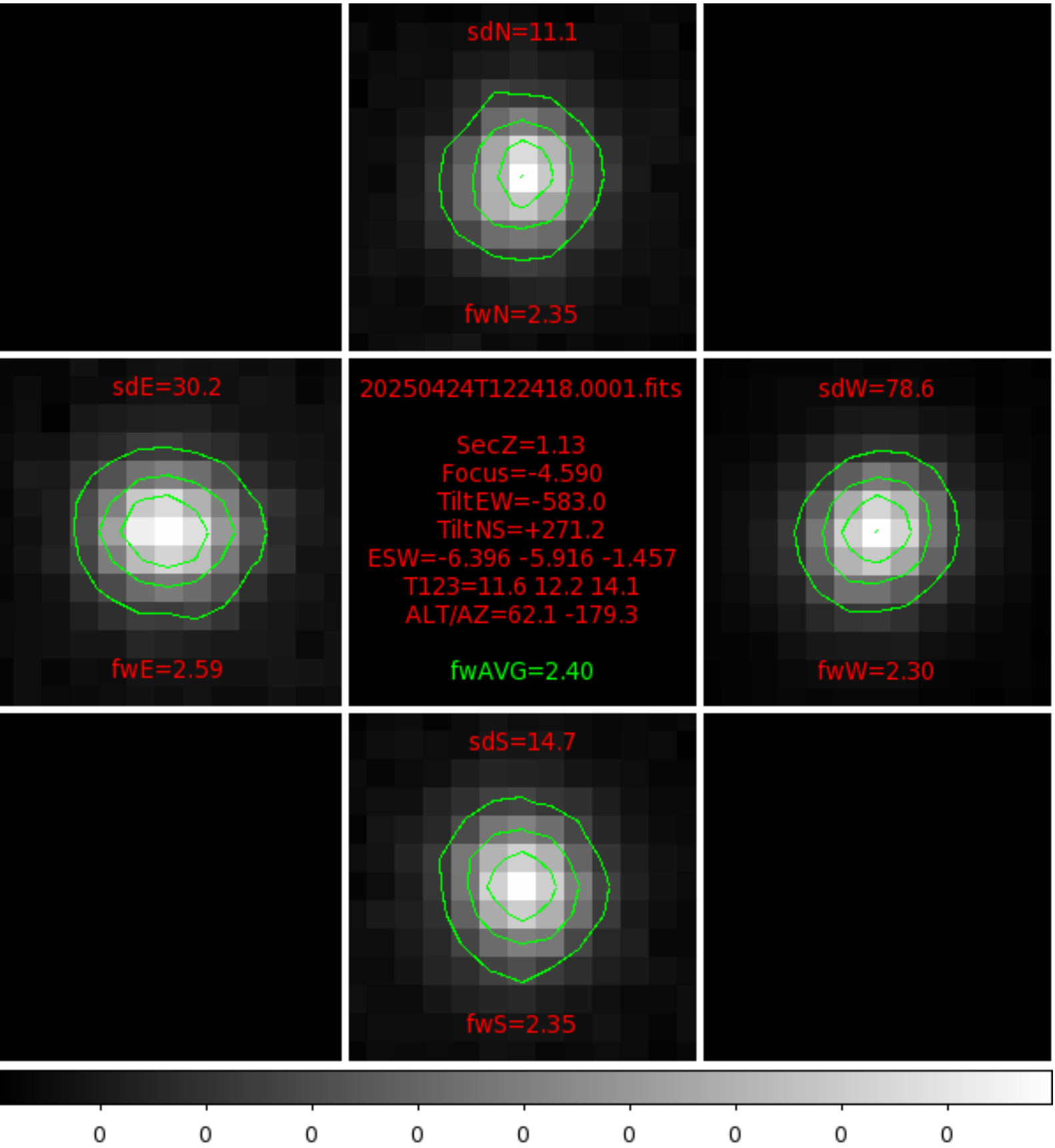
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fwE=2.59
20250424T122418.0001.fits
SecZ=1.13
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.2 14.1
ALT/AZ=62.1 -179.3
fwAVG=2.40
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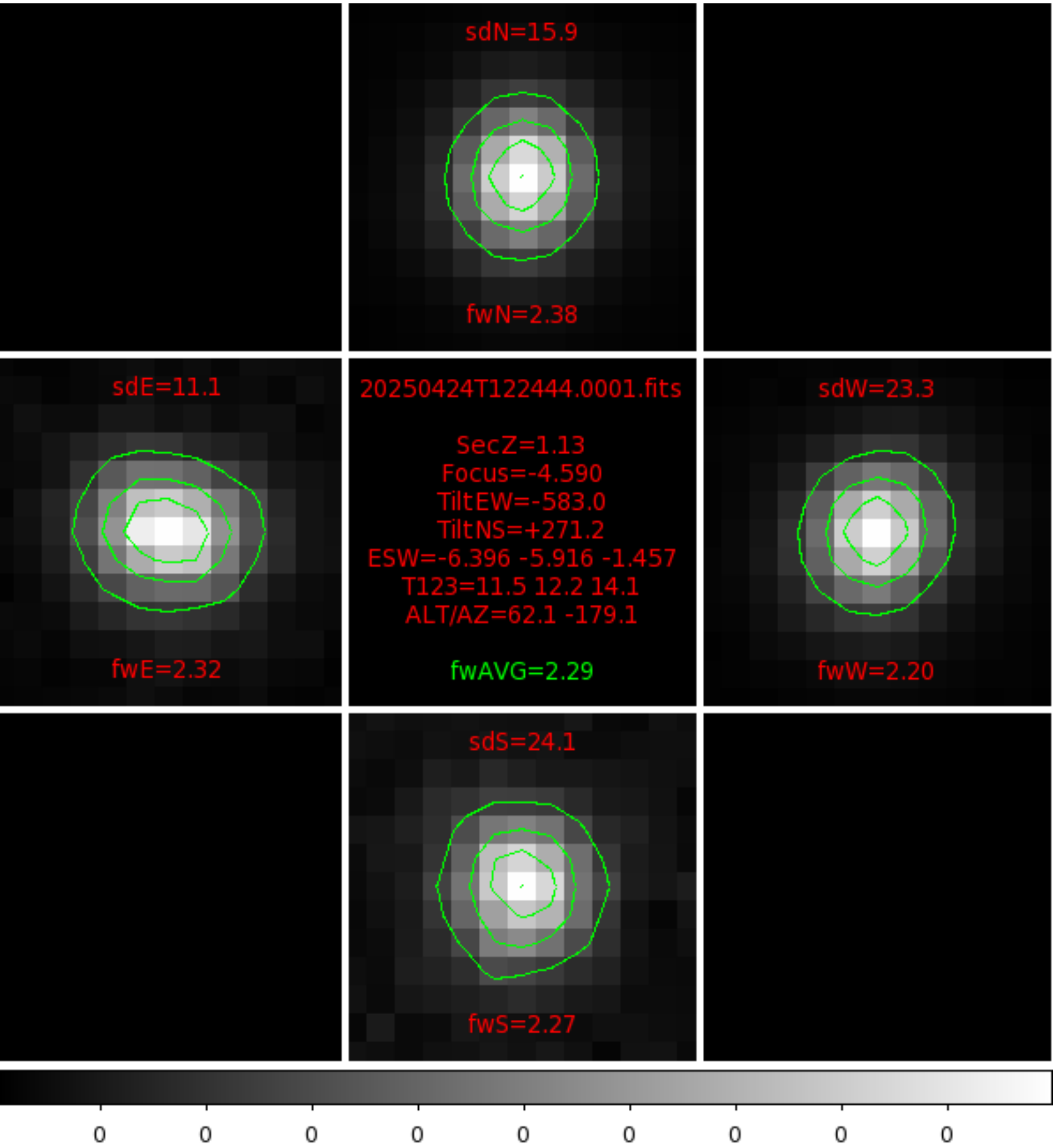
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20250424T122444.0001.fits
SecZ=1.13
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.5 12.2 14.1
ALT/AZ=62.1 -179.1
fwAVG=2.29
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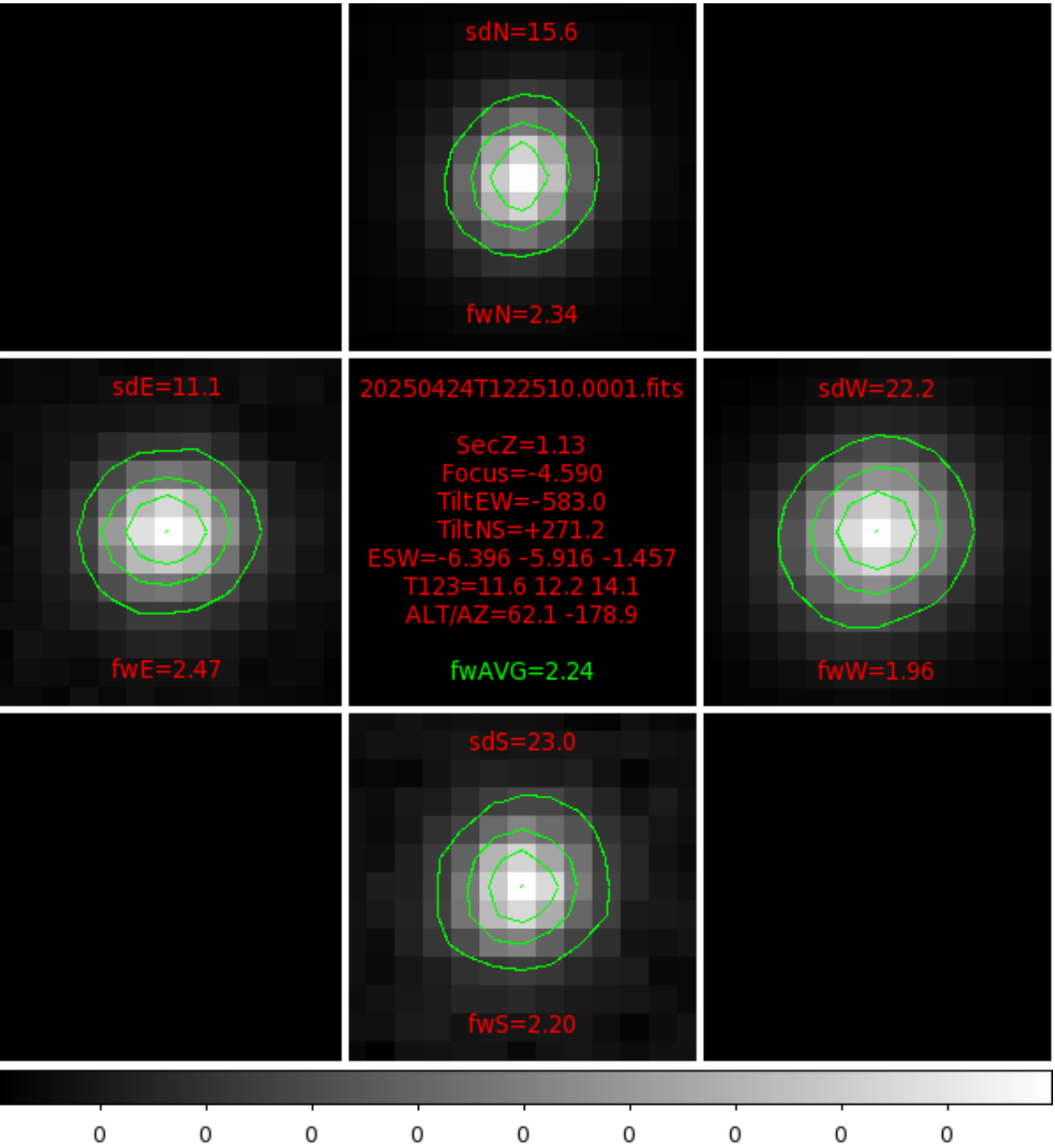
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fwN=2.34
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fwE=2.47
20250424T122510.0001.fits
SecZ=1.13
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.2 14.1
ALT/AZ=62.1 -178.9
fwAVG=2.24
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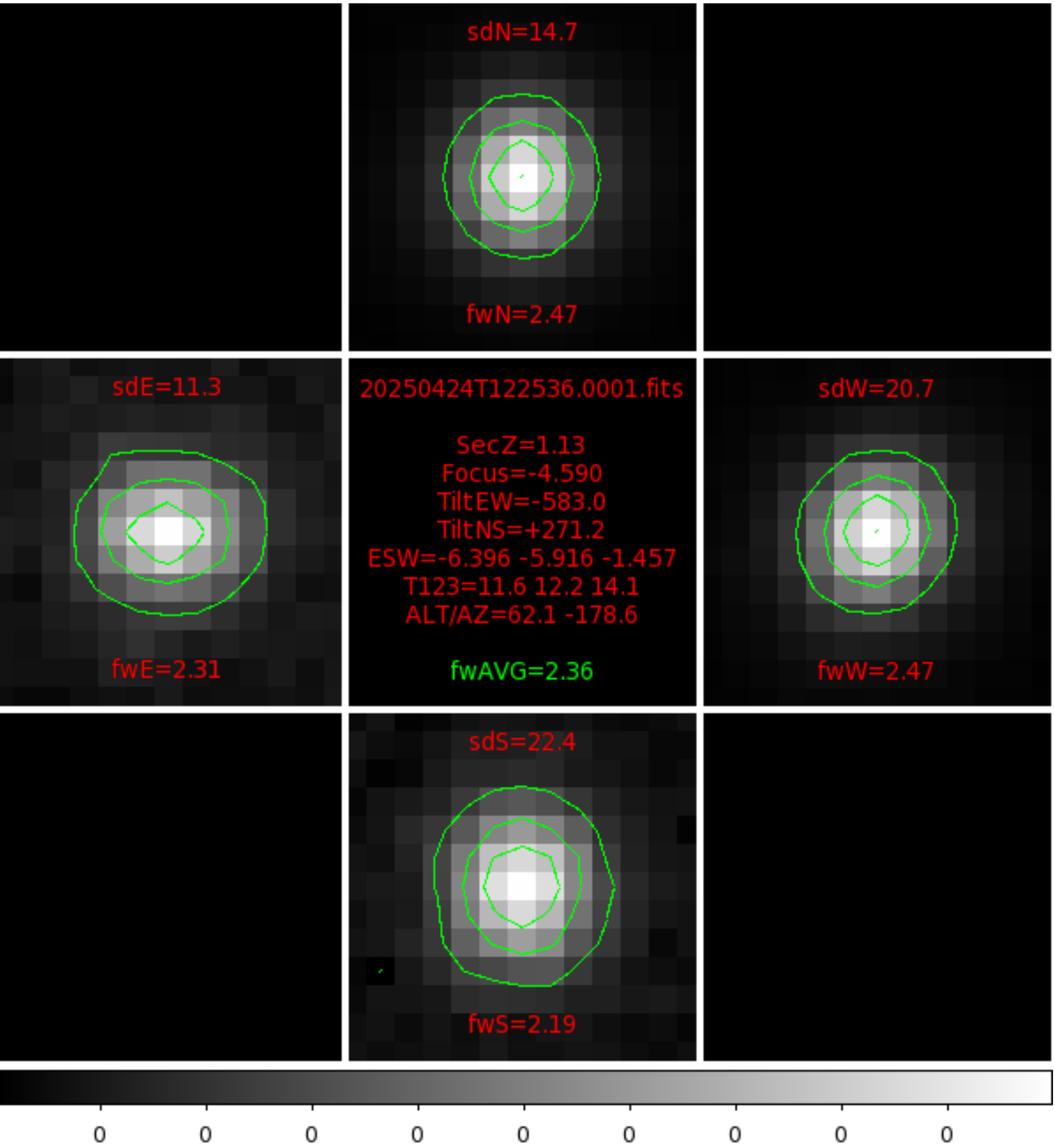
sdN=14.7
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SecZ=1.13
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.6 12.2 14.1
ALT/AZ=62.1 -178.6
fwAVG=2.36
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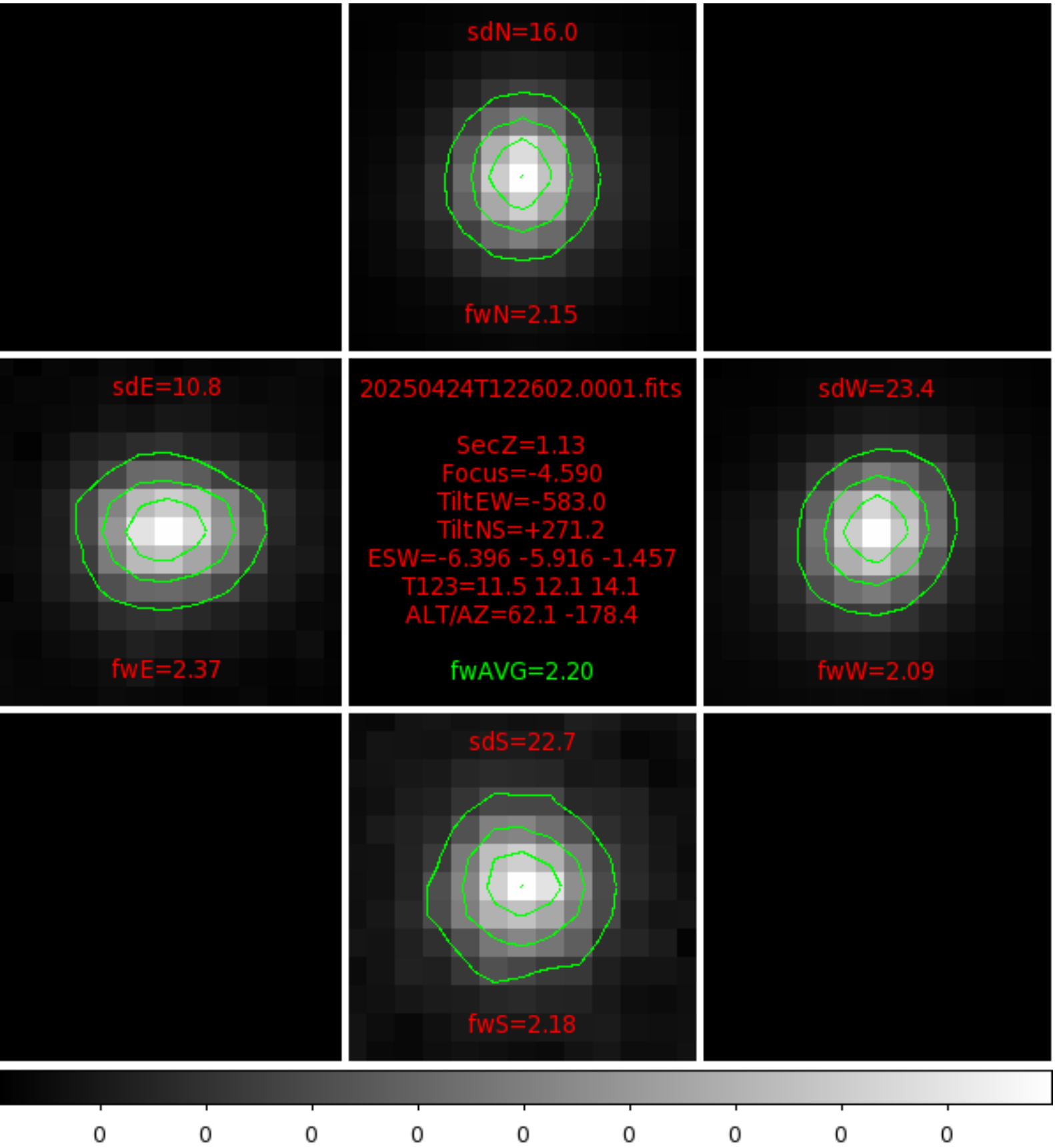
sdN=16.0
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fwE=2.37
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SecZ=1.13
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.5 12.1 14.1
ALT/AZ=62.1 -178.4
fwAVG=2.20
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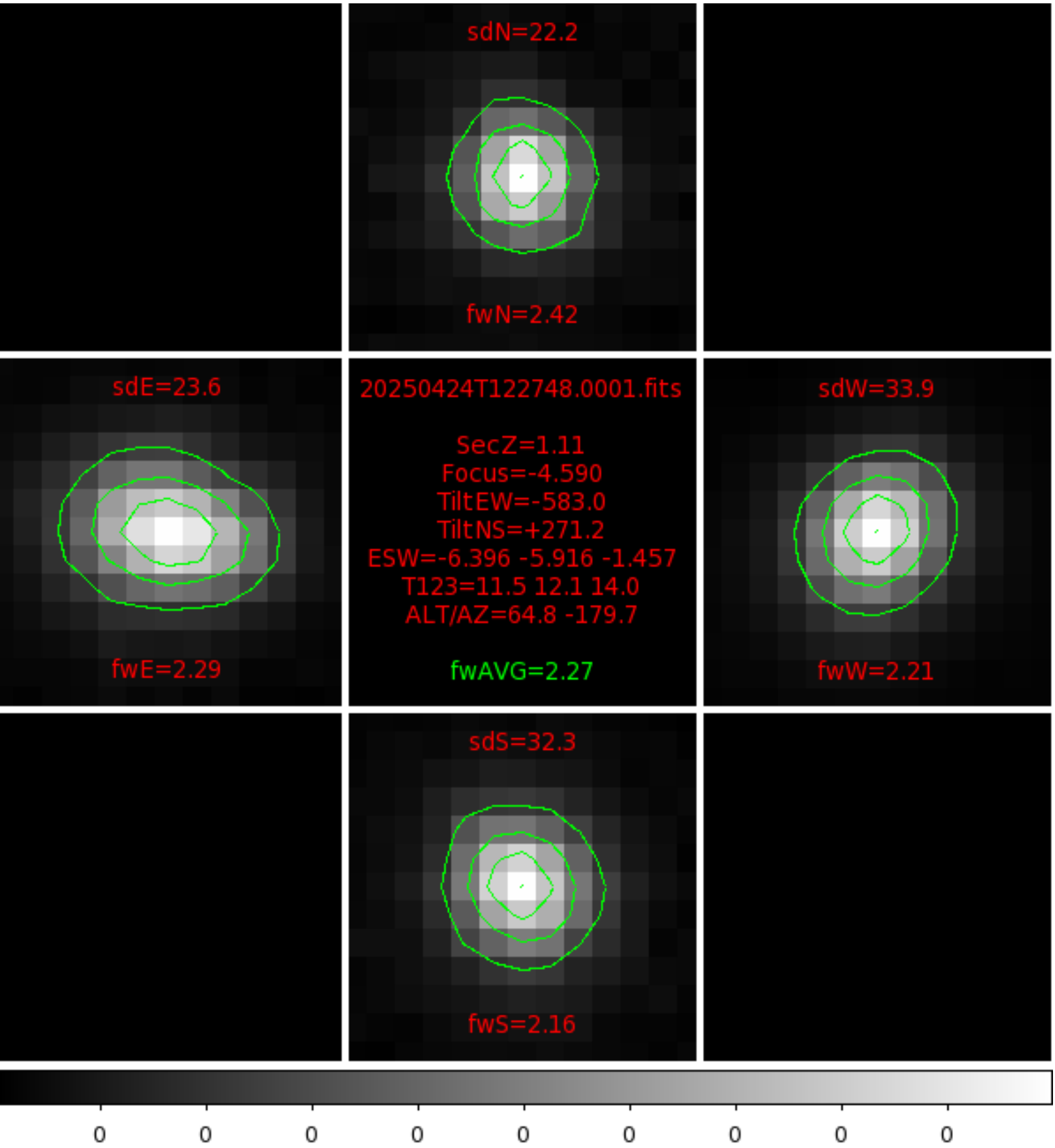
sdN=22.2
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SecZ=1.11
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.5 12.1 14.0
ALT/AZ=64.8 -179.7
fwAVG=2.27
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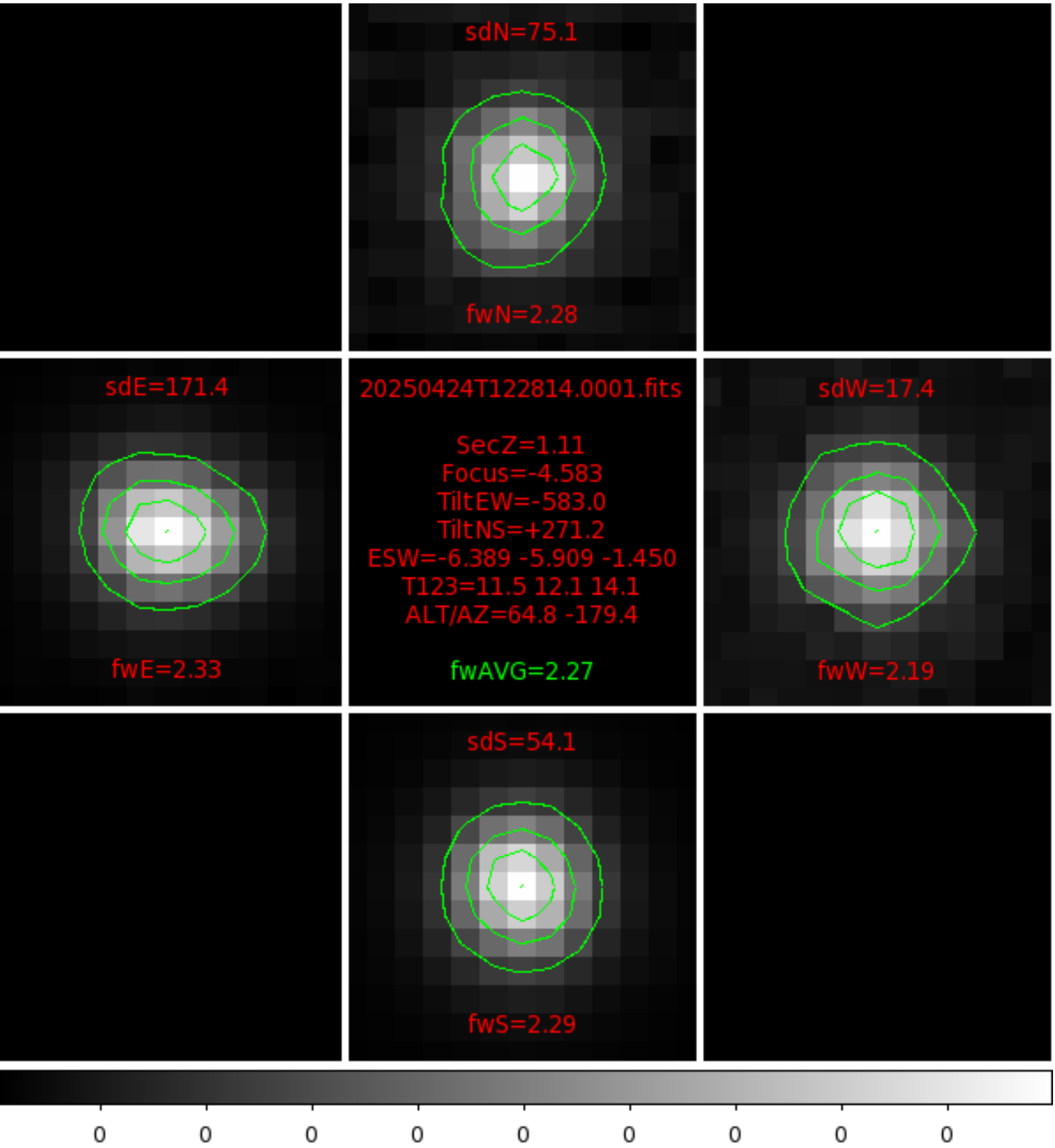
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SecZ=1.11
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.1
ALT/AZ=64.8 -179.4
fwAVG=2.27
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sdS=54.1
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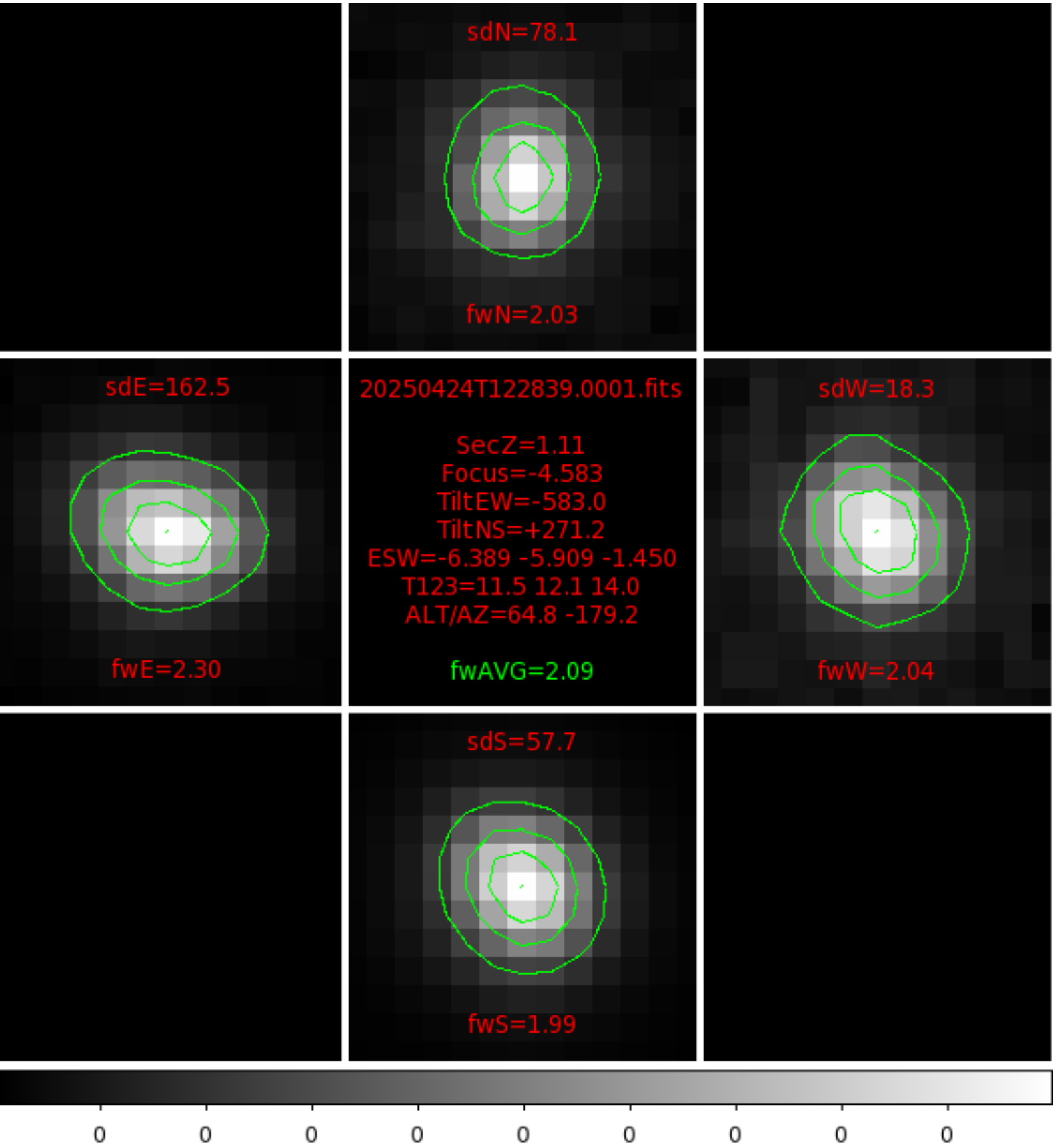
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sdE=162.5
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20250424T122839.0001.fits
SecZ=1.11
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.0
ALT/AZ=64.8 -179.2
fwAVG=2.09
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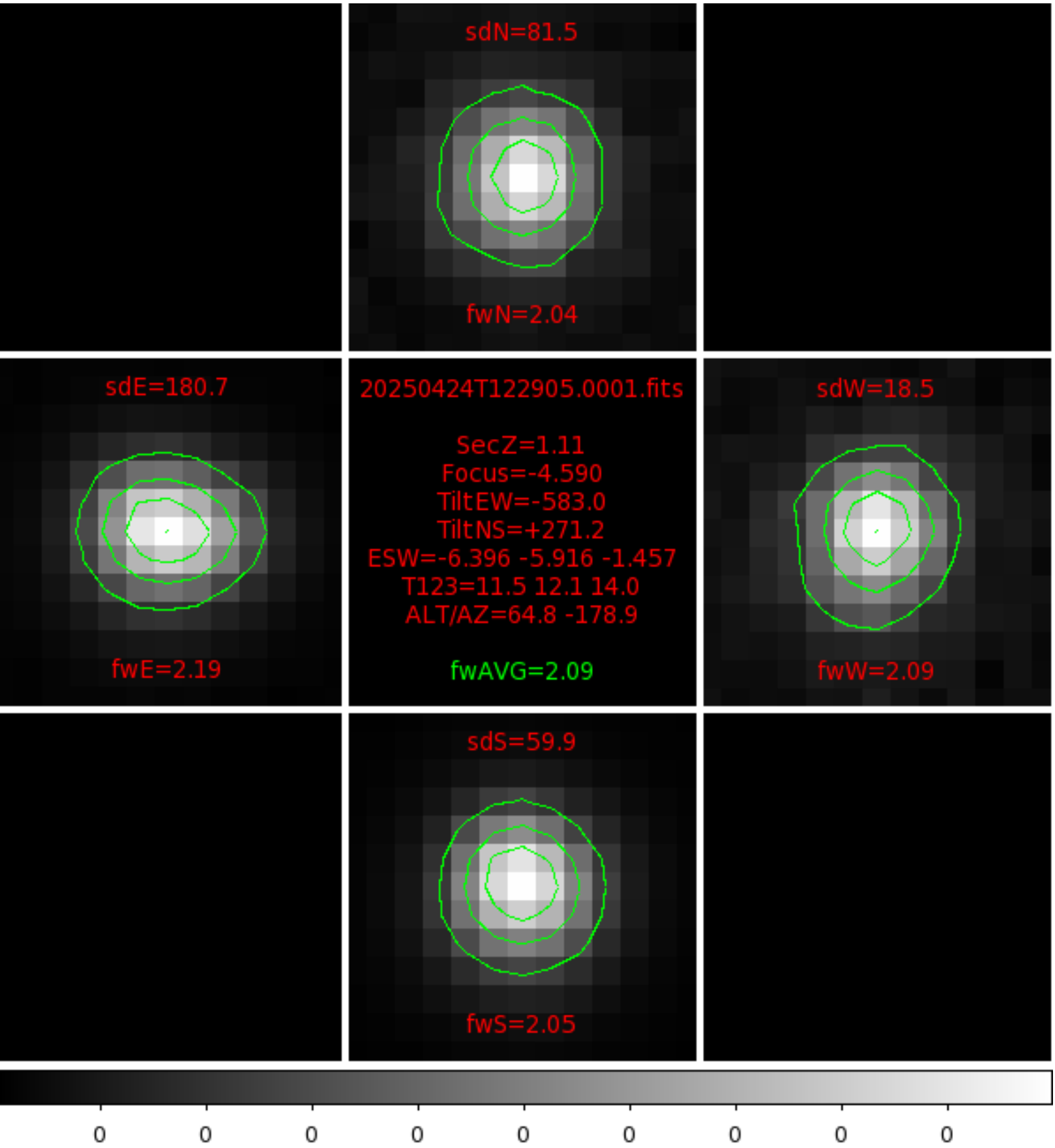
sdN=81.5
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SecZ=1.11
Focus=-4.590
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.396 -5.916 -1.457
T123=11.5 12.1 14.0
ALT/AZ=64.8 -178.9
fwAVG=2.09
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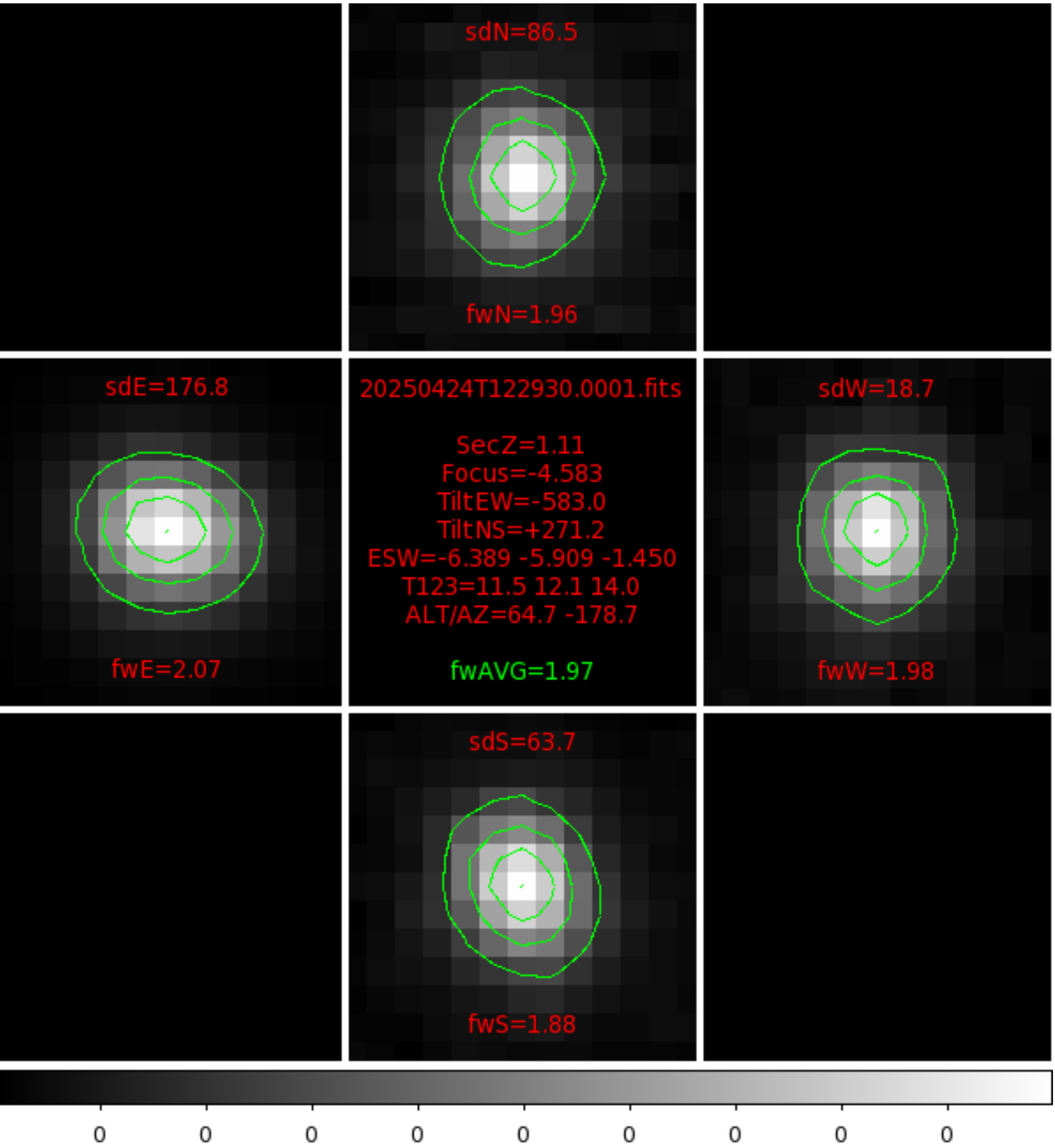
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SecZ=1.11
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.0
ALT/AZ=64.7 -178.7
fwAVG=1.97
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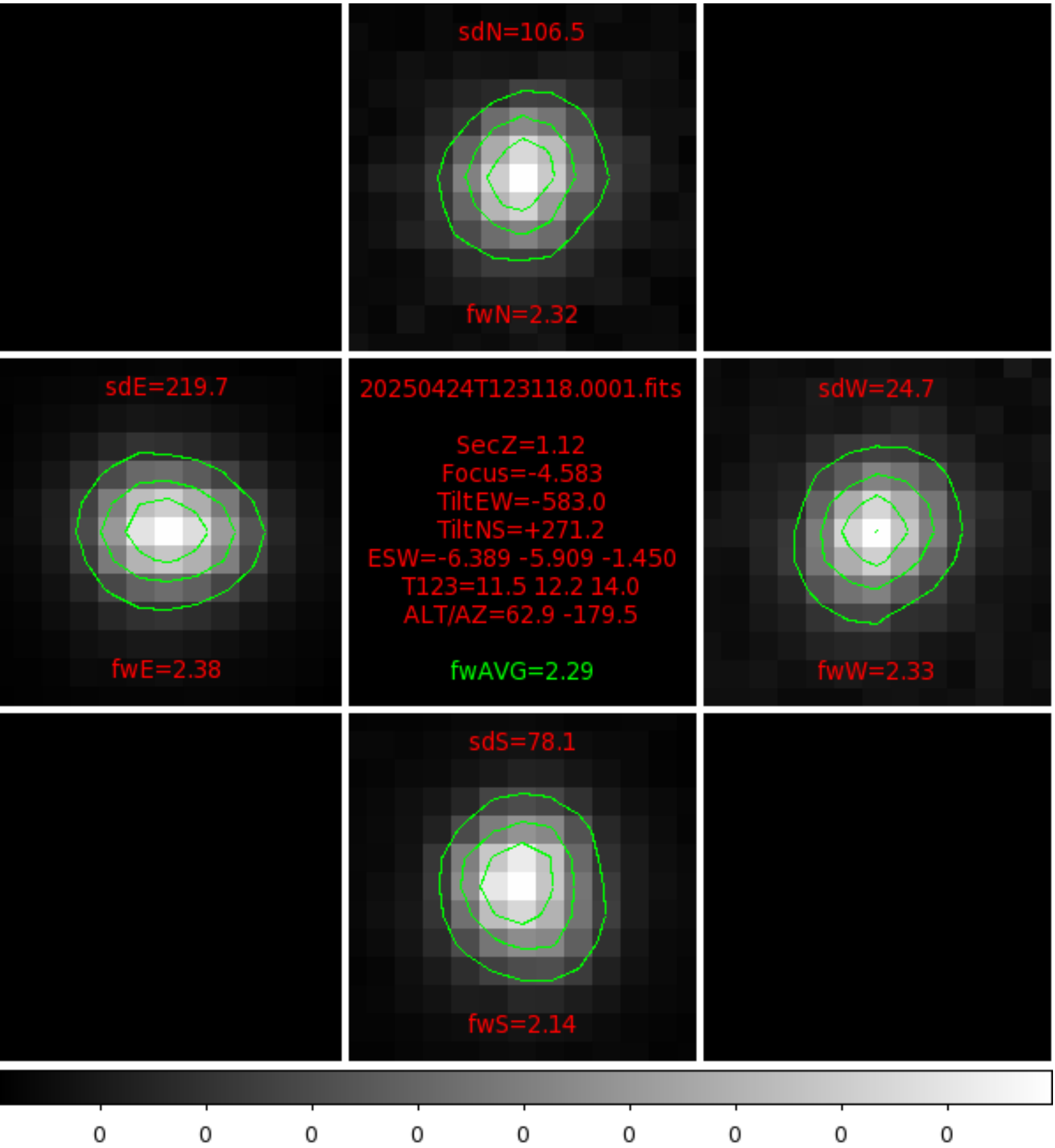
sdN=106.5
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SecZ=1.12
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.2 14.0
ALT/AZ=62.9 -179.5
fwAVG=2.29
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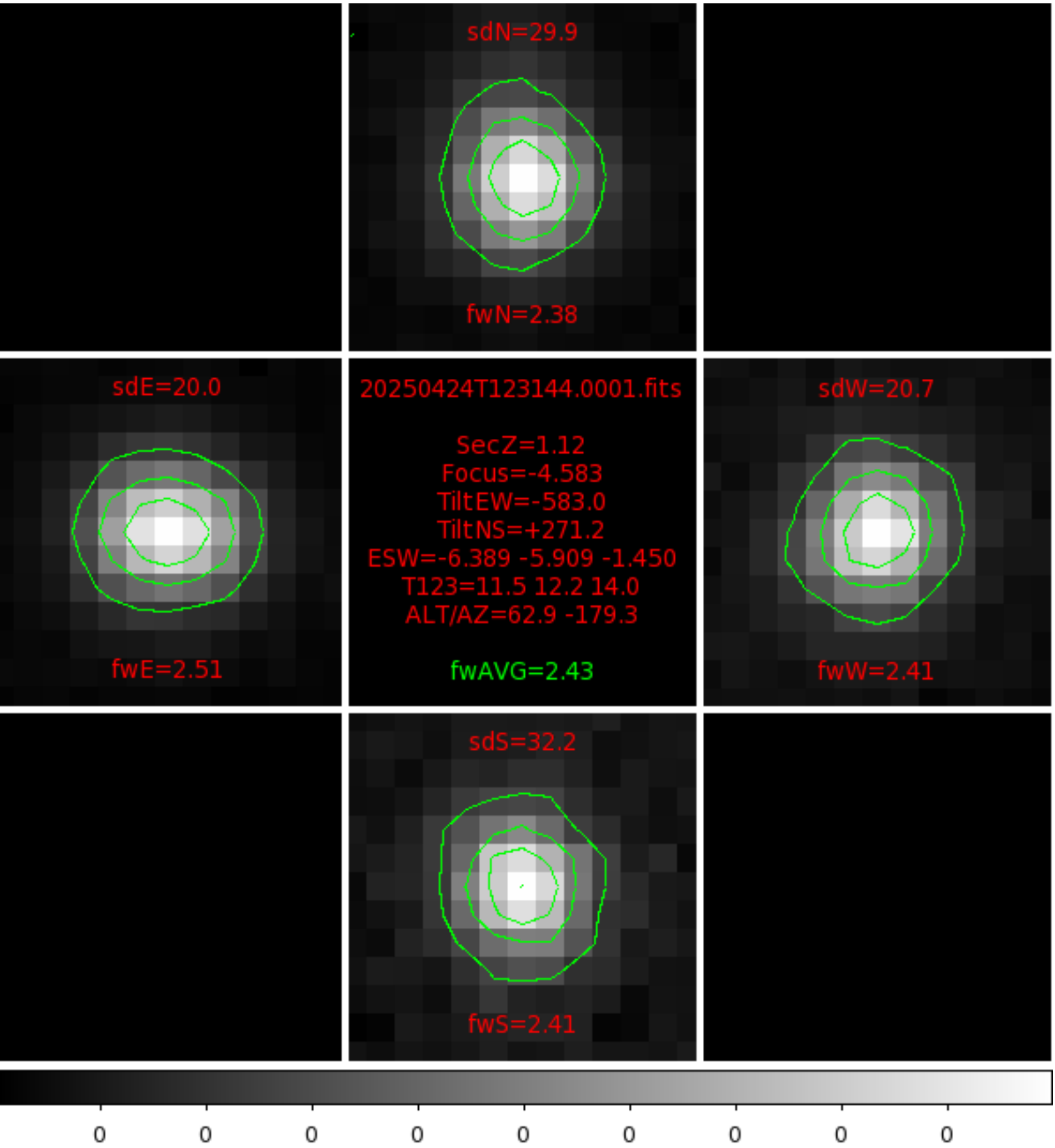
sdN=29.9
fwN=2.38
sdE=20.0
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SecZ=1.12
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.2 14.0
ALT/AZ=62.9 -179.3
fwAVG=2.43
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sdS=32.2
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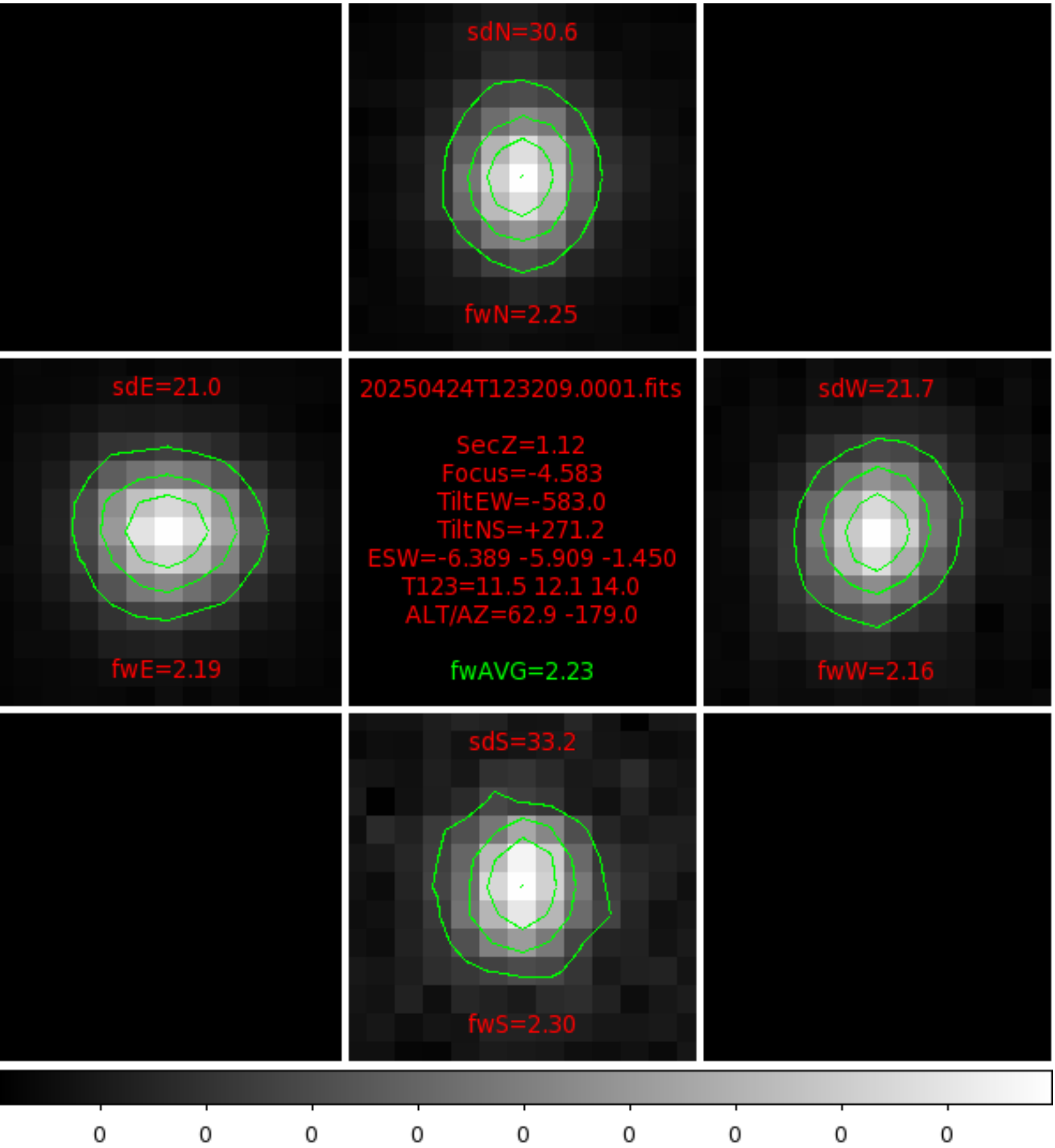
sdN=30.6
fwN=2.25
sdE=21.0
fwE=2.19
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SecZ=1.12
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.0
ALT/AZ=62.9 -179.0
fwAVG=2.23
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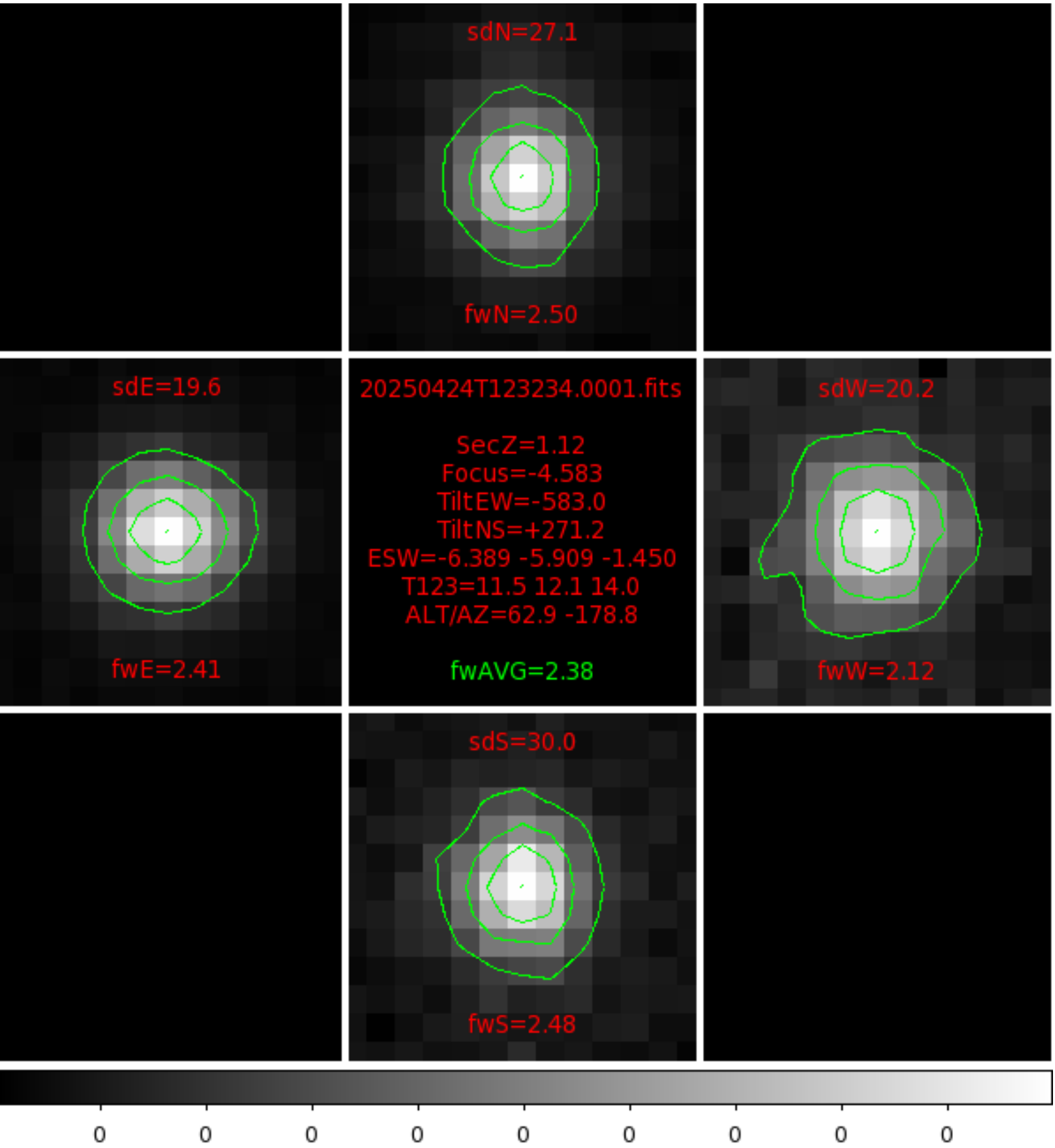
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.0
ALT/AZ=62.9 -178.8
fwAVG=2.38
sdW=20.2
fwW=2.12
sdS=30.0
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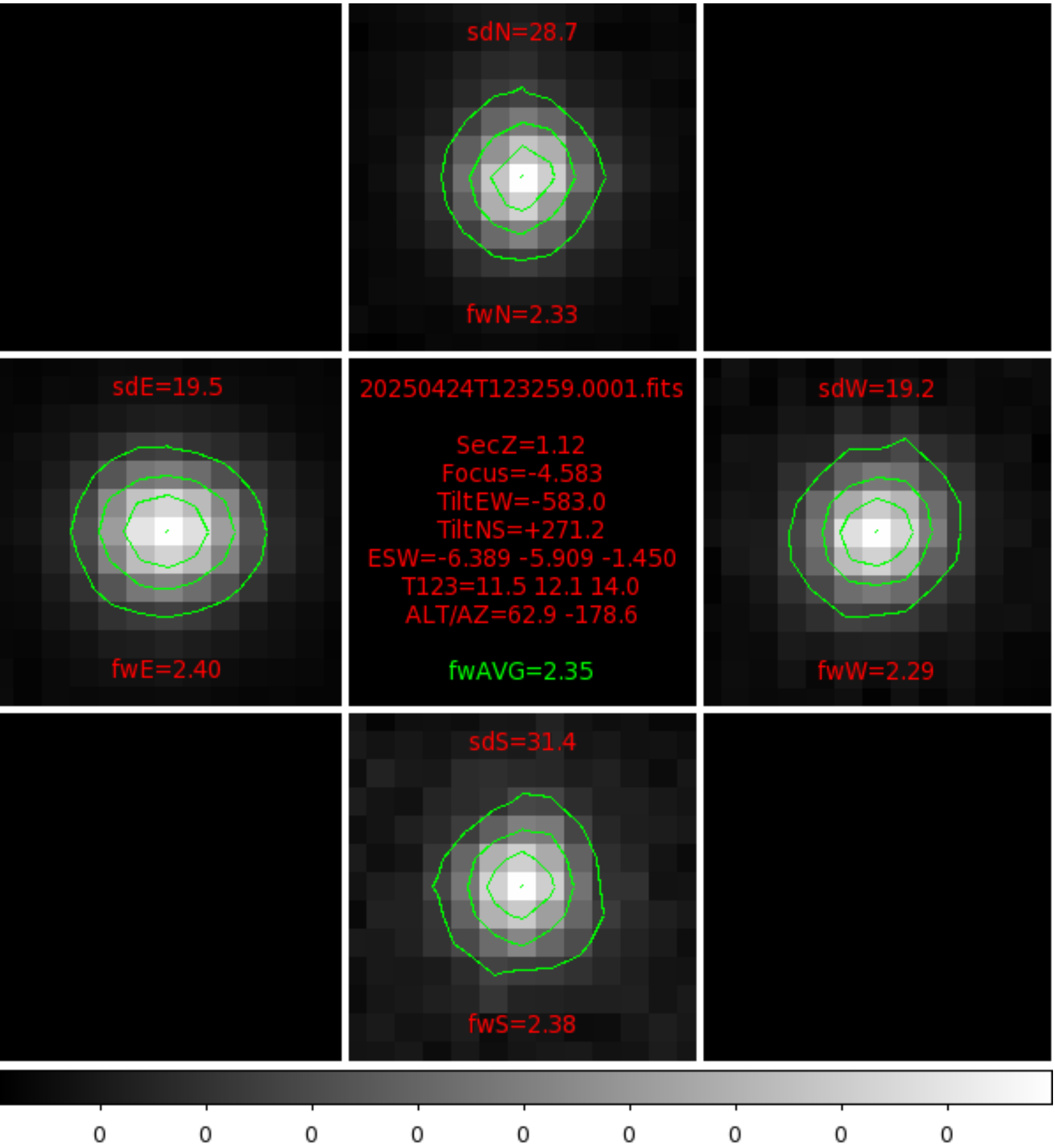
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TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.0
ALT/AZ=62.9 -178.6
fwAVG=2.35
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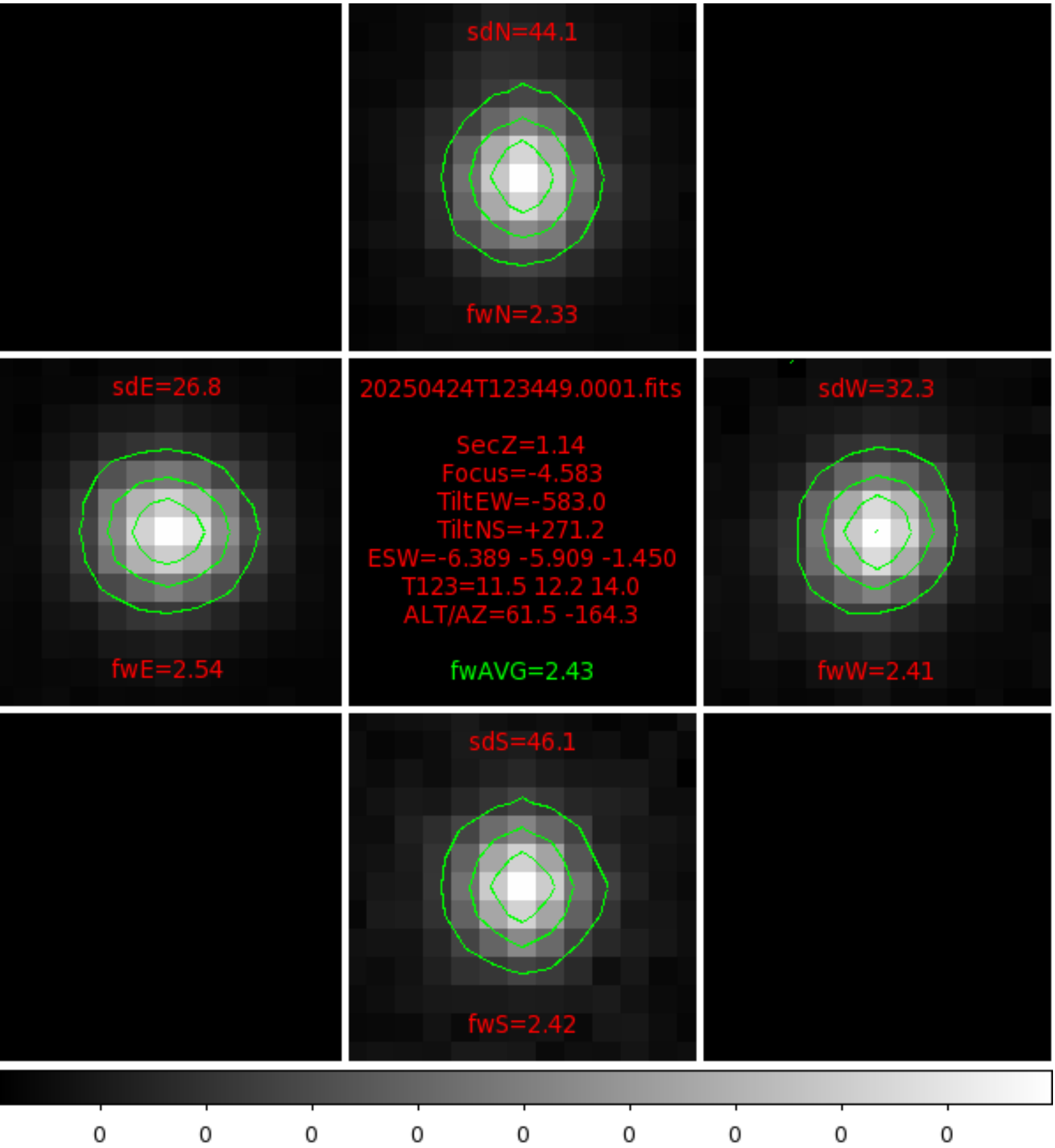
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20250424T123449.0001.fits
SecZ=1.14
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TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.2 14.0
ALT/AZ=61.5 -164.3
fwAVG=2.43
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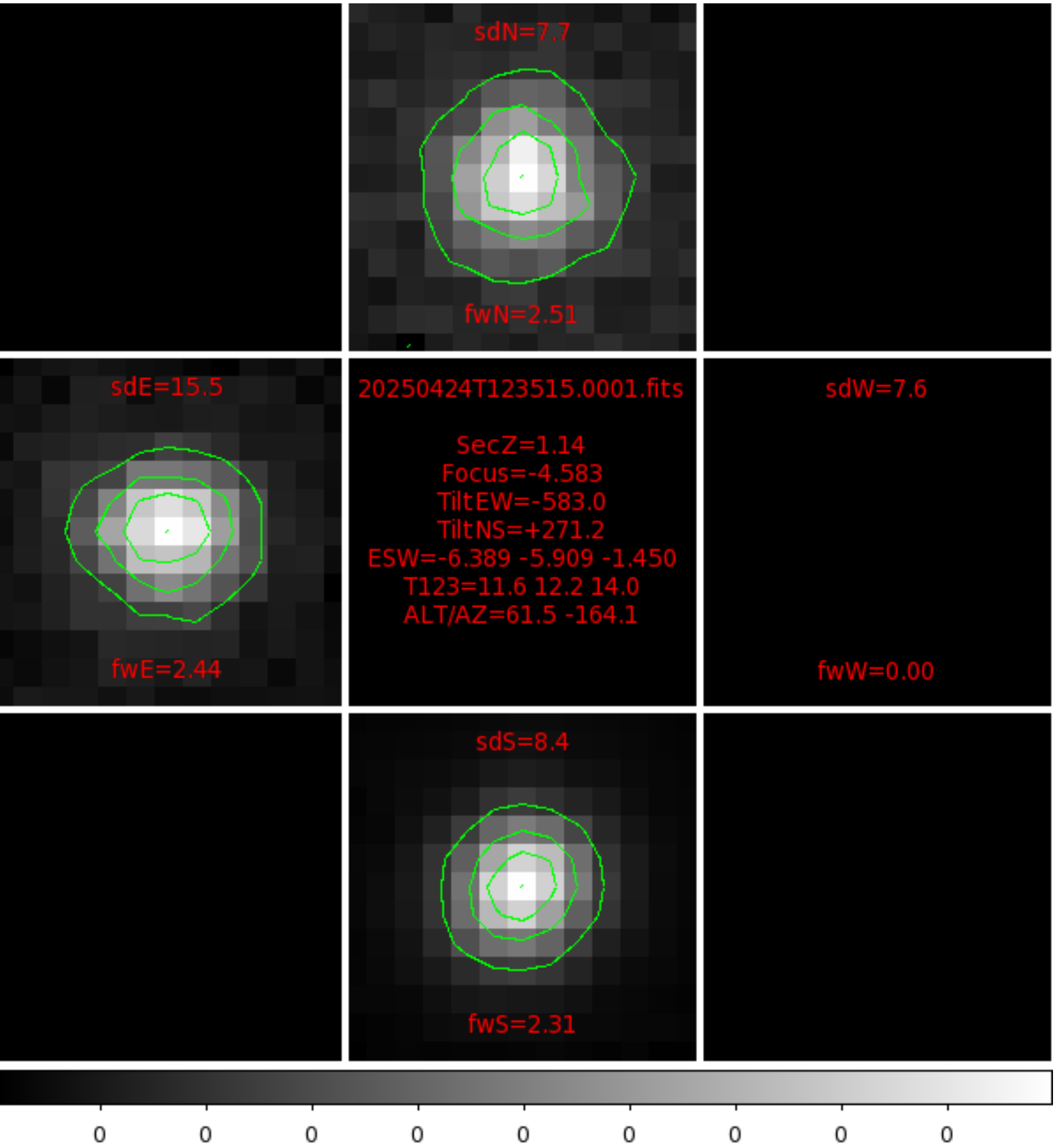
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20250424T123515.0001.fits
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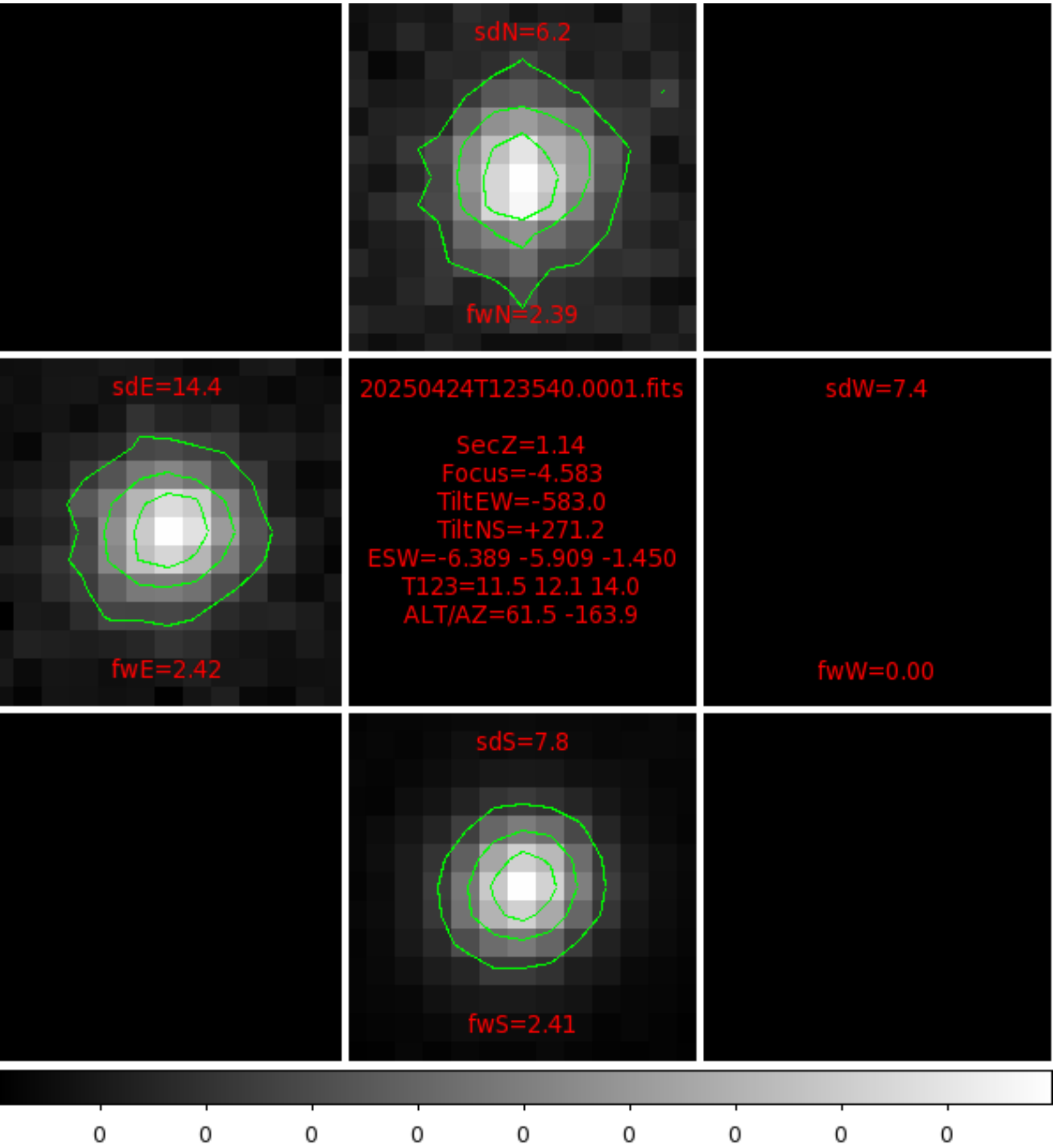
sdN=6.2
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20250424T123540.0001.fits
SecZ=1.14
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.0
ALT/AZ=61.5 -163.9
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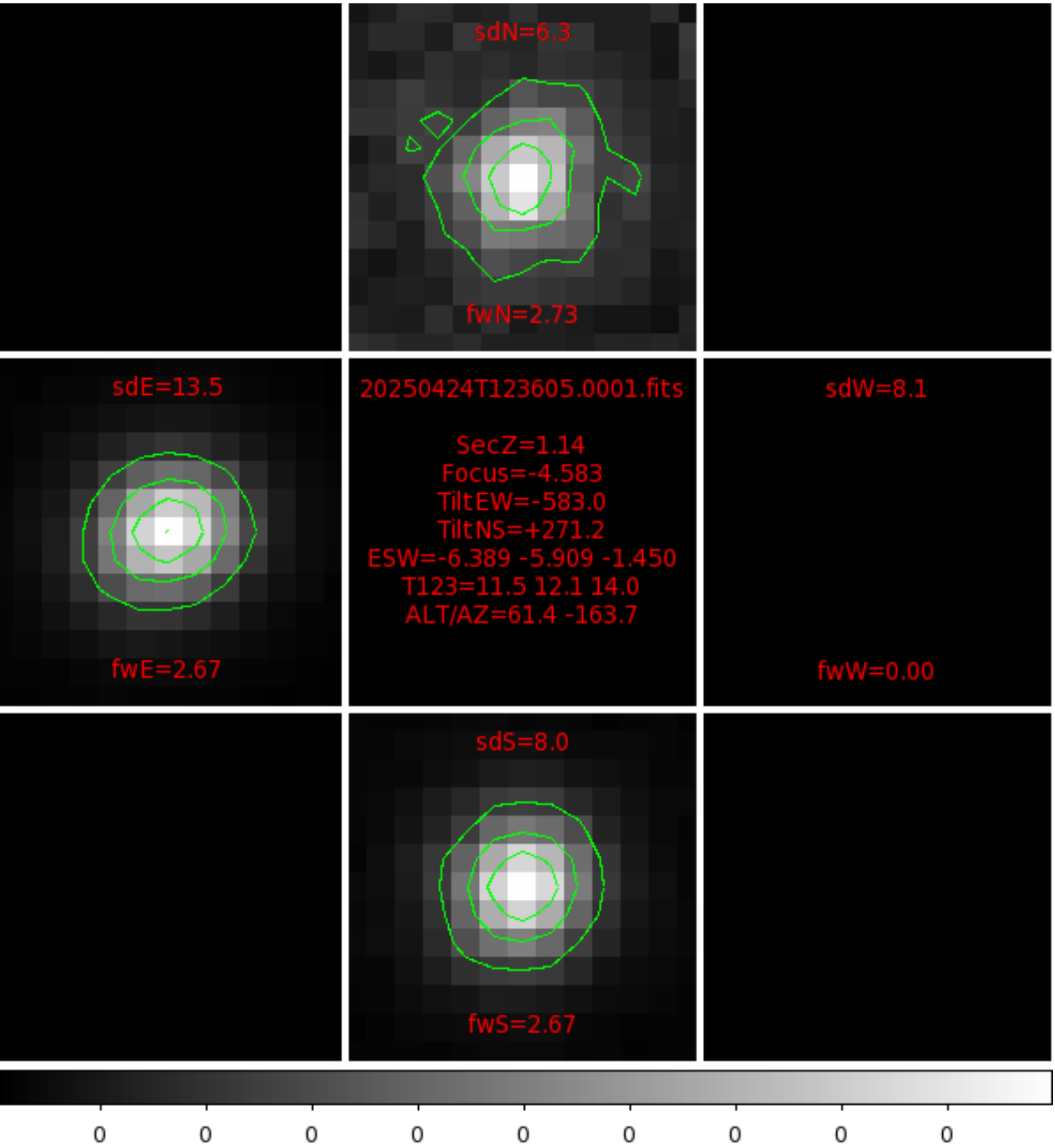
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sdE=13.5
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SecZ=1.14
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.0
ALT/AZ=61.4 -163.7
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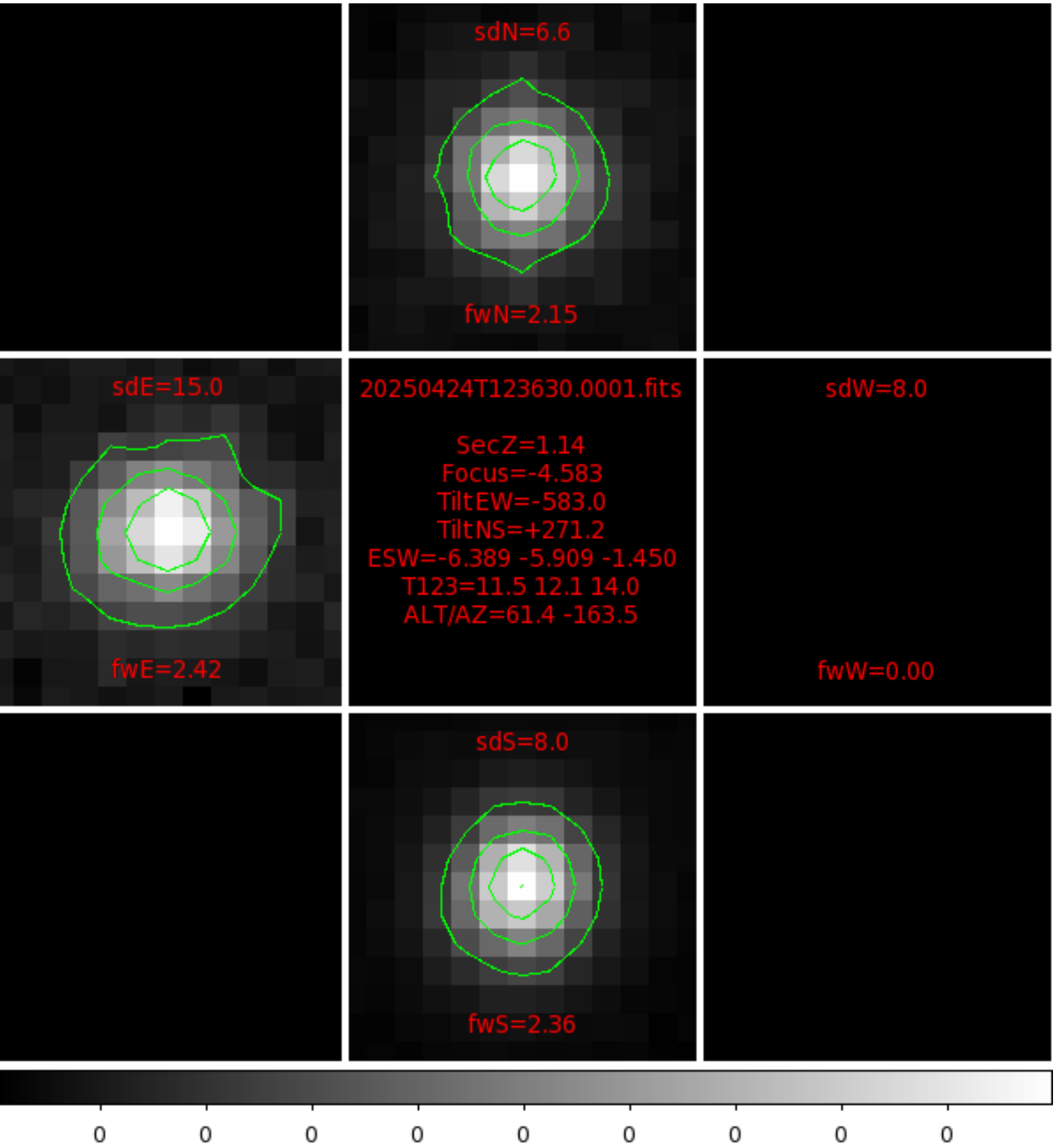
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20250424T123630.0001.fits
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Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.0
ALT/AZ=61.4 -163.5
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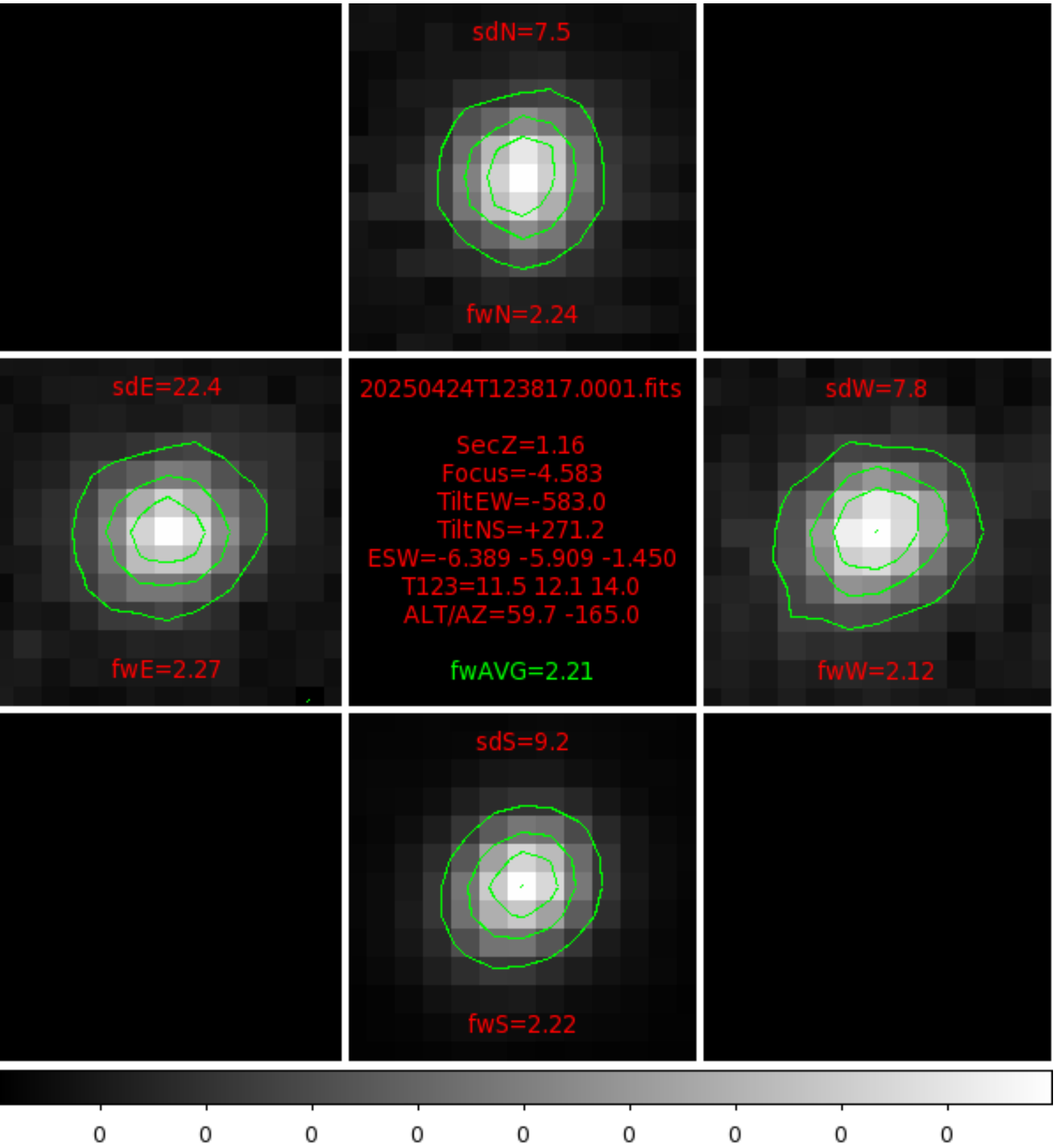
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20250424T123817.0001.fits
SecZ=1.16
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.0
ALT/AZ=59.7 -165.0
fwAVG=2.21
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sdS=9.2
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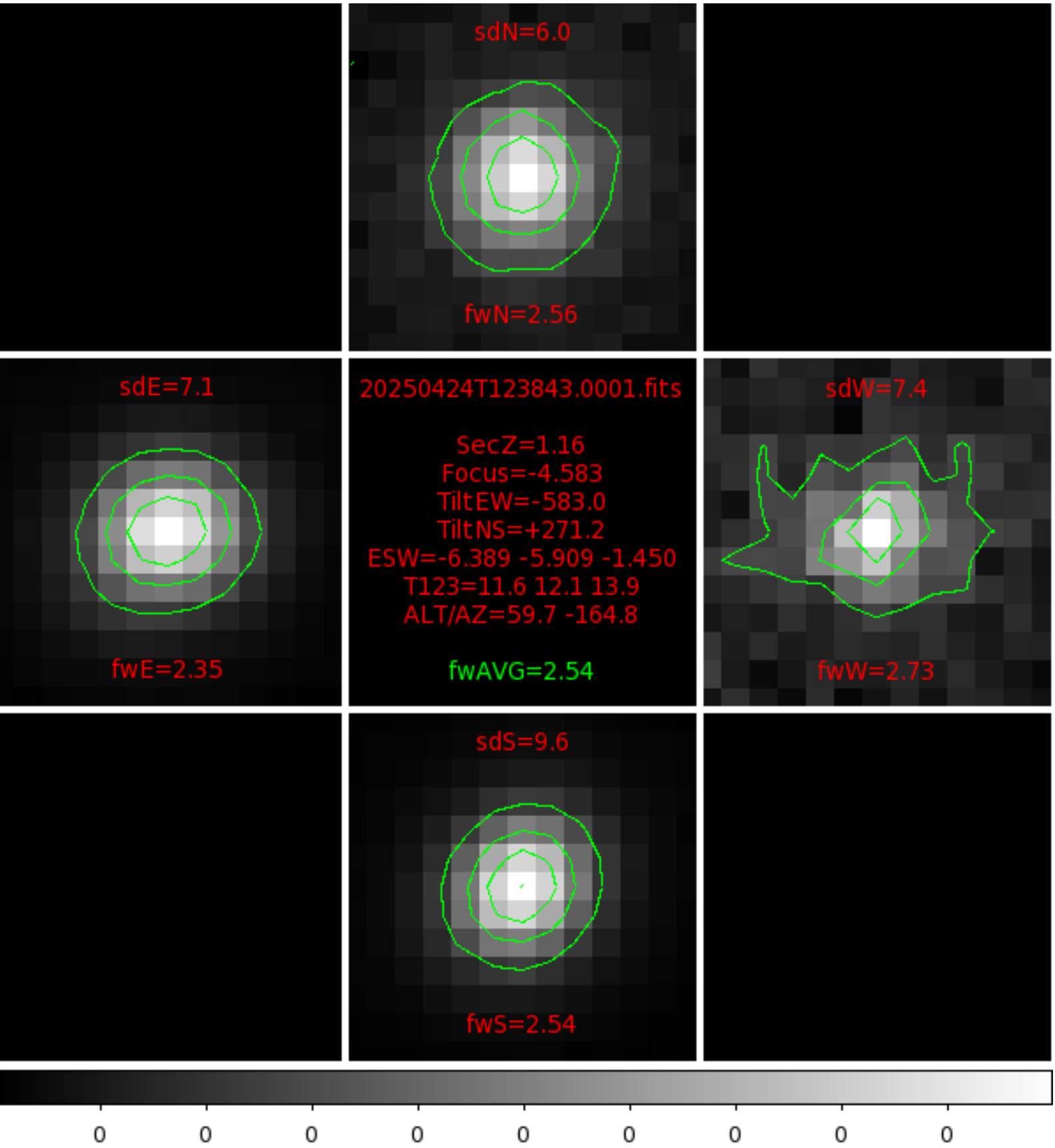
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TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.6 12.1 13.9
ALT/AZ=59.7 -164.8
fwAVG=2.54
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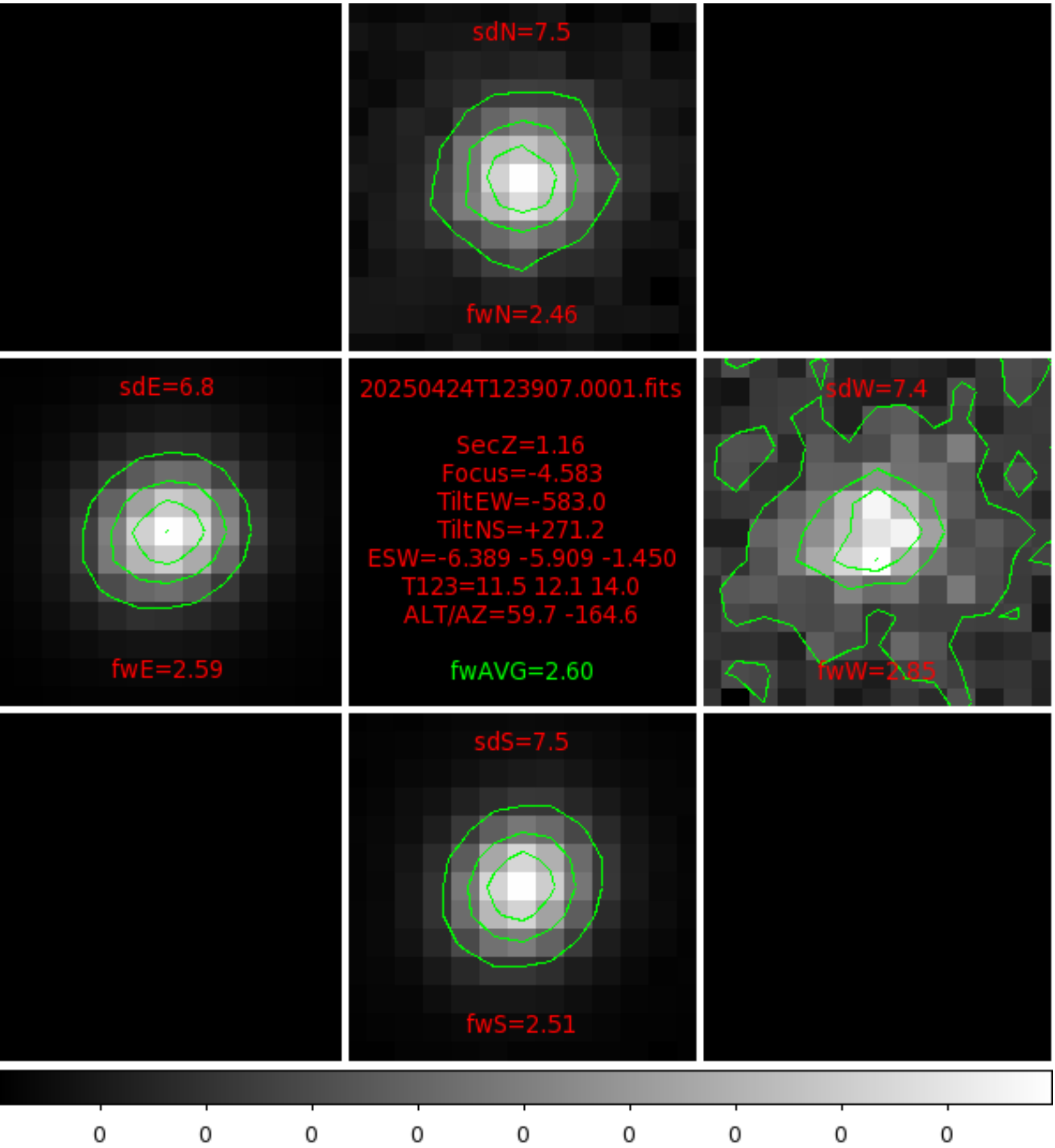
sdN=7.5
fwN=2.46
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20250424T123907.0001.fits
SecZ=1.16
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TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.0
ALT/AZ=59.7 -164.6
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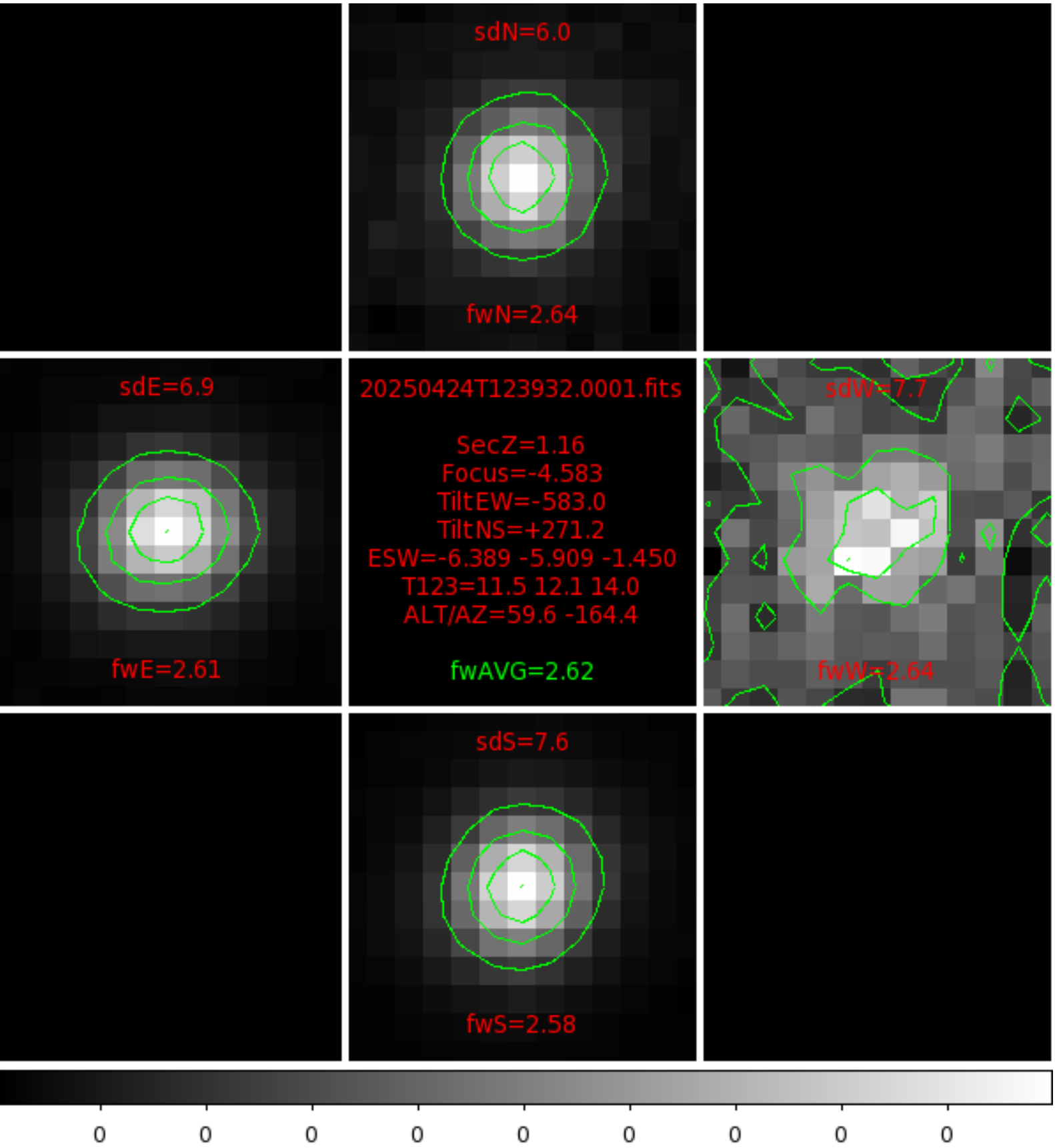
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SecZ=1.16
Focus=-4.583
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TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.0
ALT/AZ=59.6 -164.4
fwAVG=2.62
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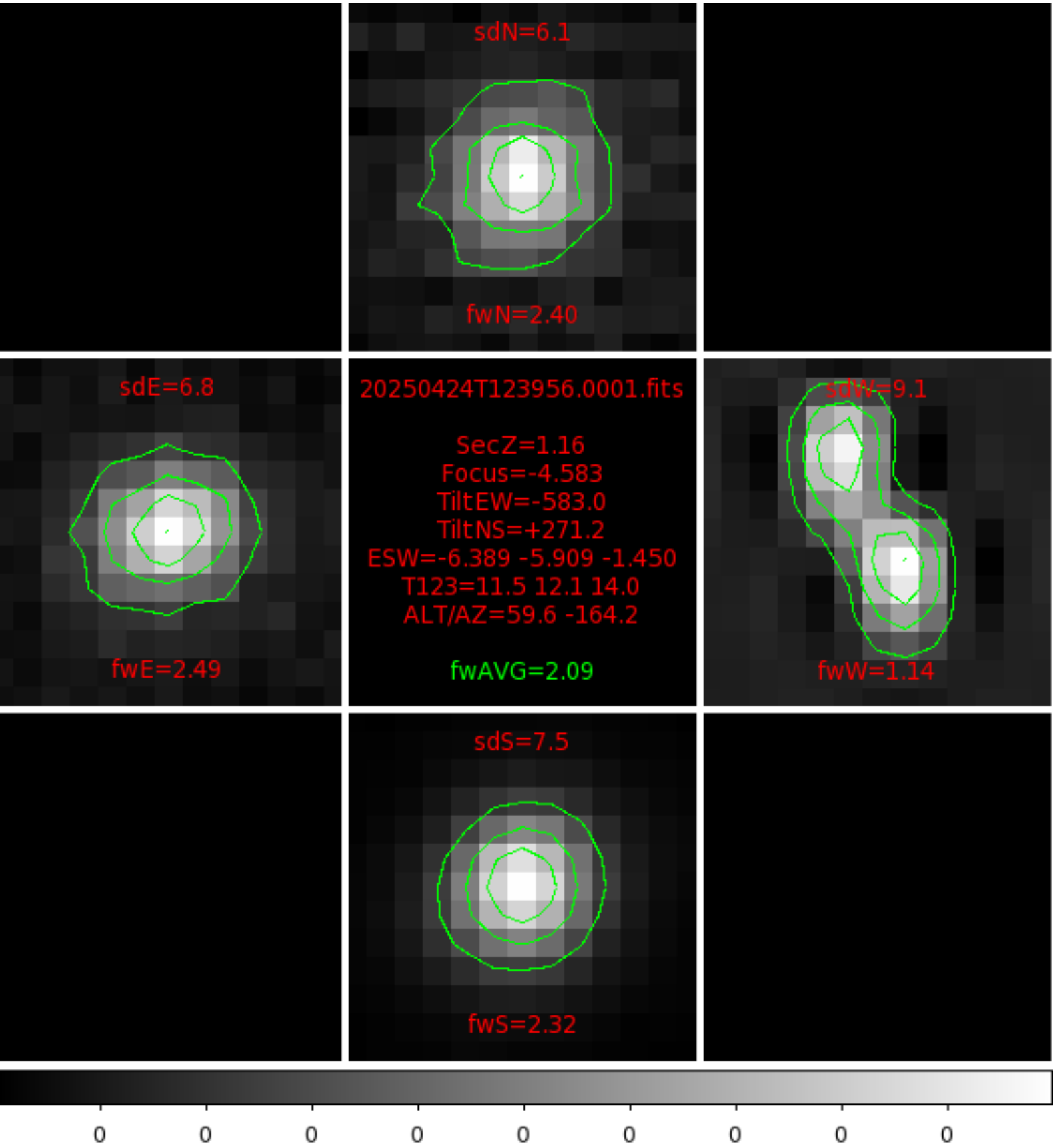
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SecZ=1.16
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 14.0
ALT/AZ=59.6 -164.2
fwAVG=2.09
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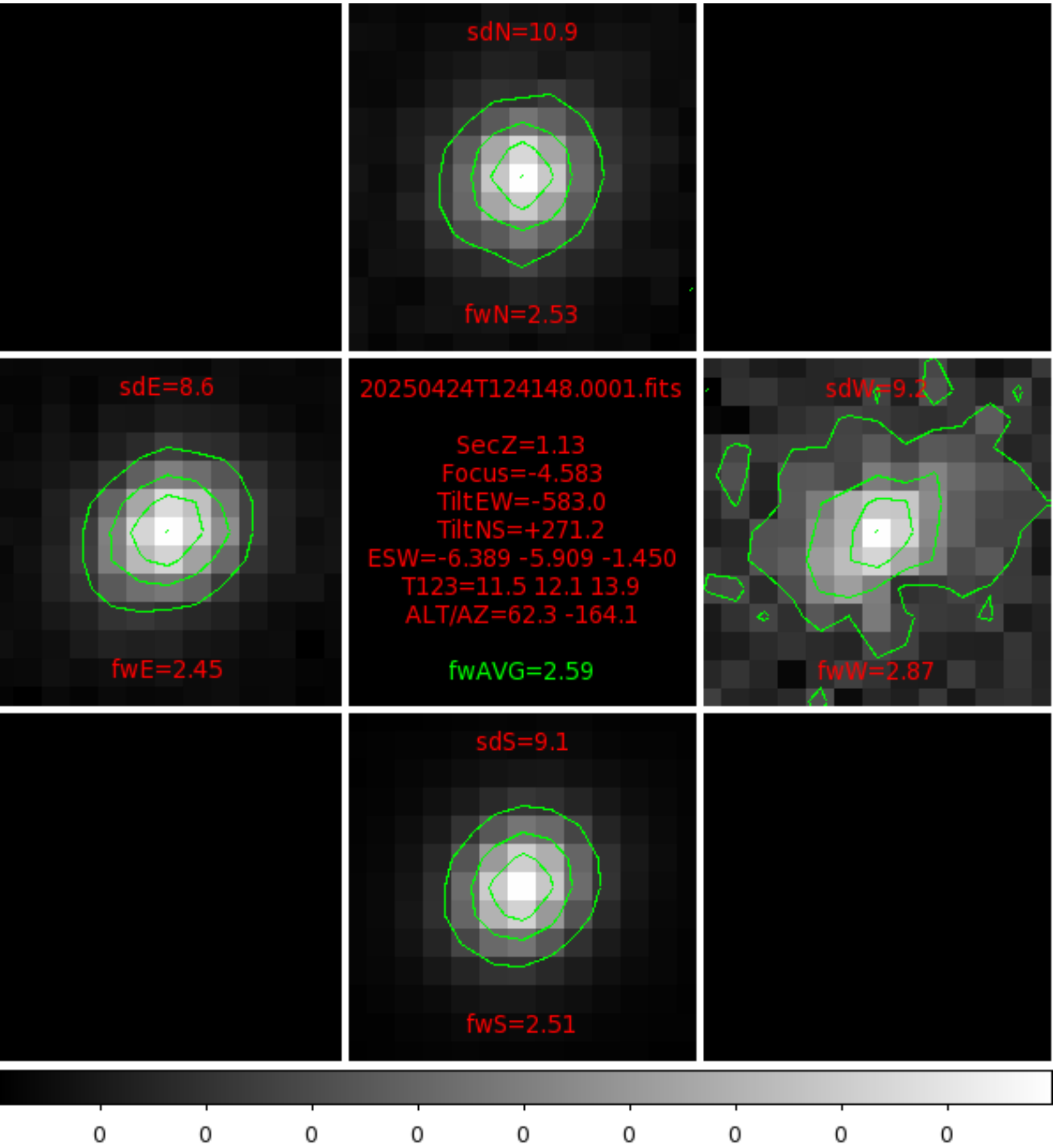
sdN=10.9
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sdE=8.6
fwE=2.45
20250424T124148.0001.fits
SecZ=1.13
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 13.9
ALT/AZ=62.3 -164.1
fwAVG=2.59
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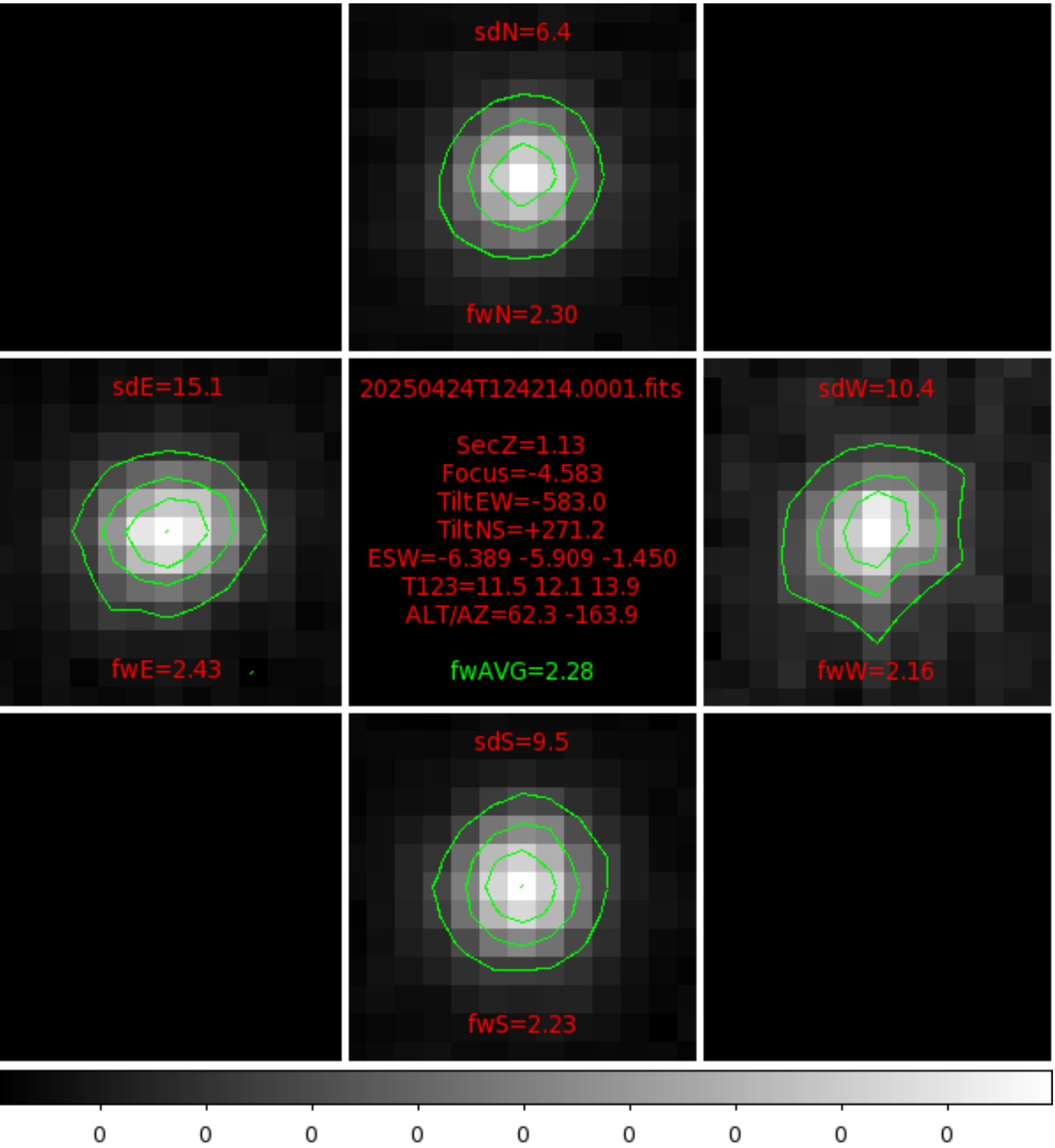
sdN=6.4
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SecZ=1.13
Focus=-4.583
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.389 -5.909 -1.450
T123=11.5 12.1 13.9
ALT/AZ=62.3 -163.9
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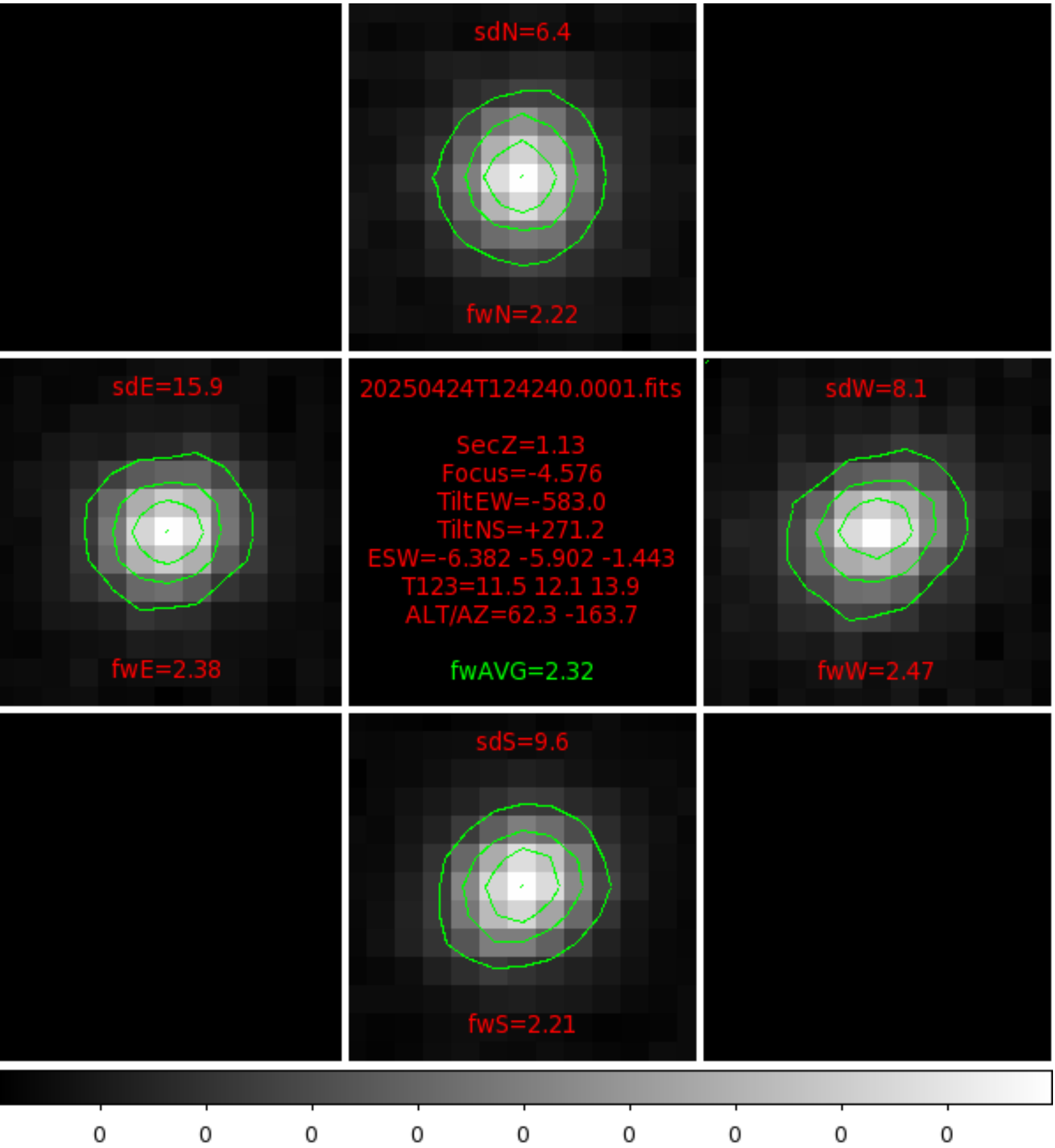
sdN=6.4
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20250424T124240.0001.fits
SecZ=1.13
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.382 -5.902 -1.443
T123=11.5 12.1 13.9
ALT/AZ=62.3 -163.7
fwAVG=2.32
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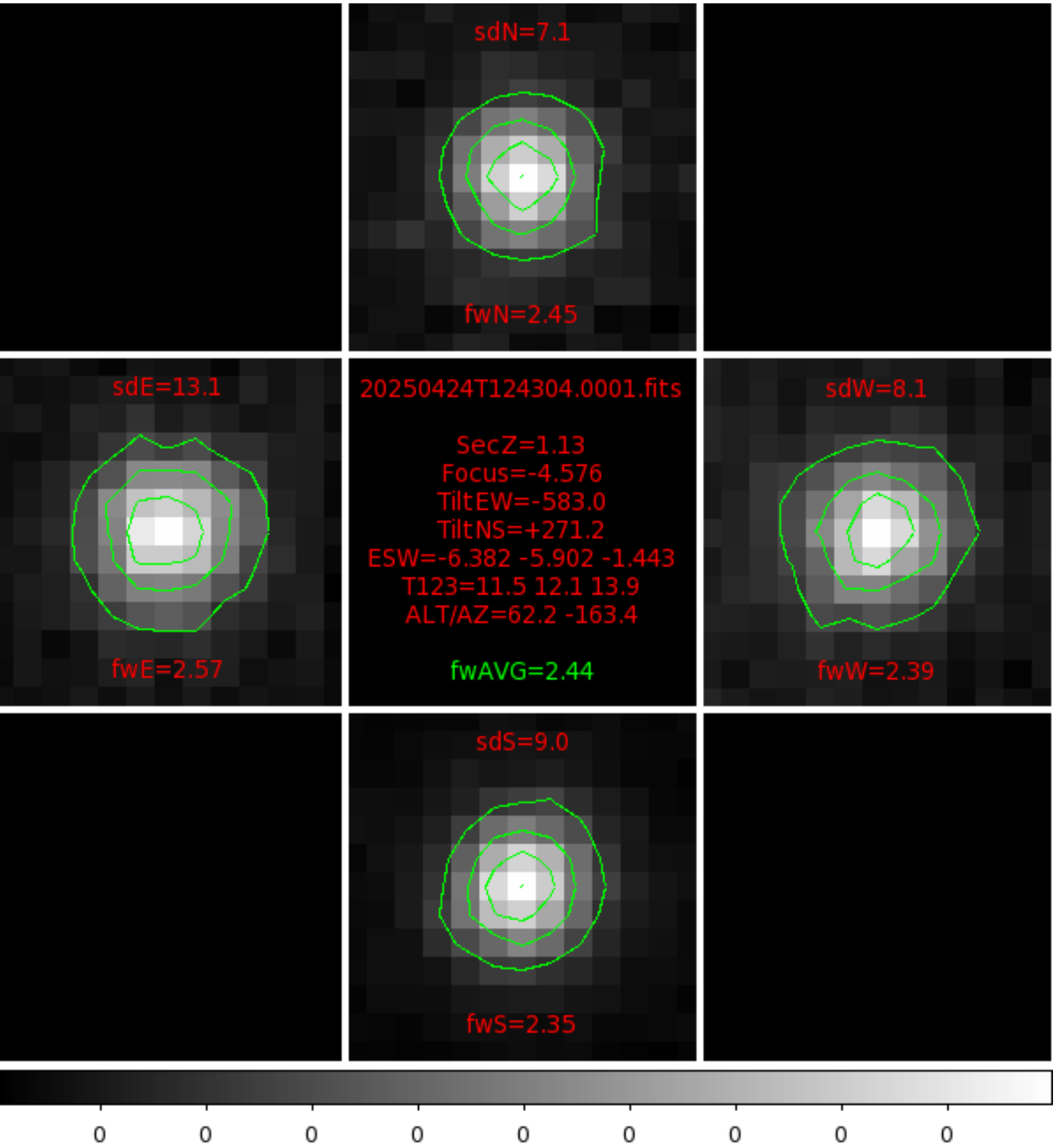
sdN=7.1
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sdE=13.1
fwE=2.57
20250424T124304.0001.fits
SecZ=1.13
Focus=-4.576
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.382 -5.902 -1.443
T123=11.5 12.1 13.9
ALT/AZ=62.2 -163.4
fwAVG=2.44
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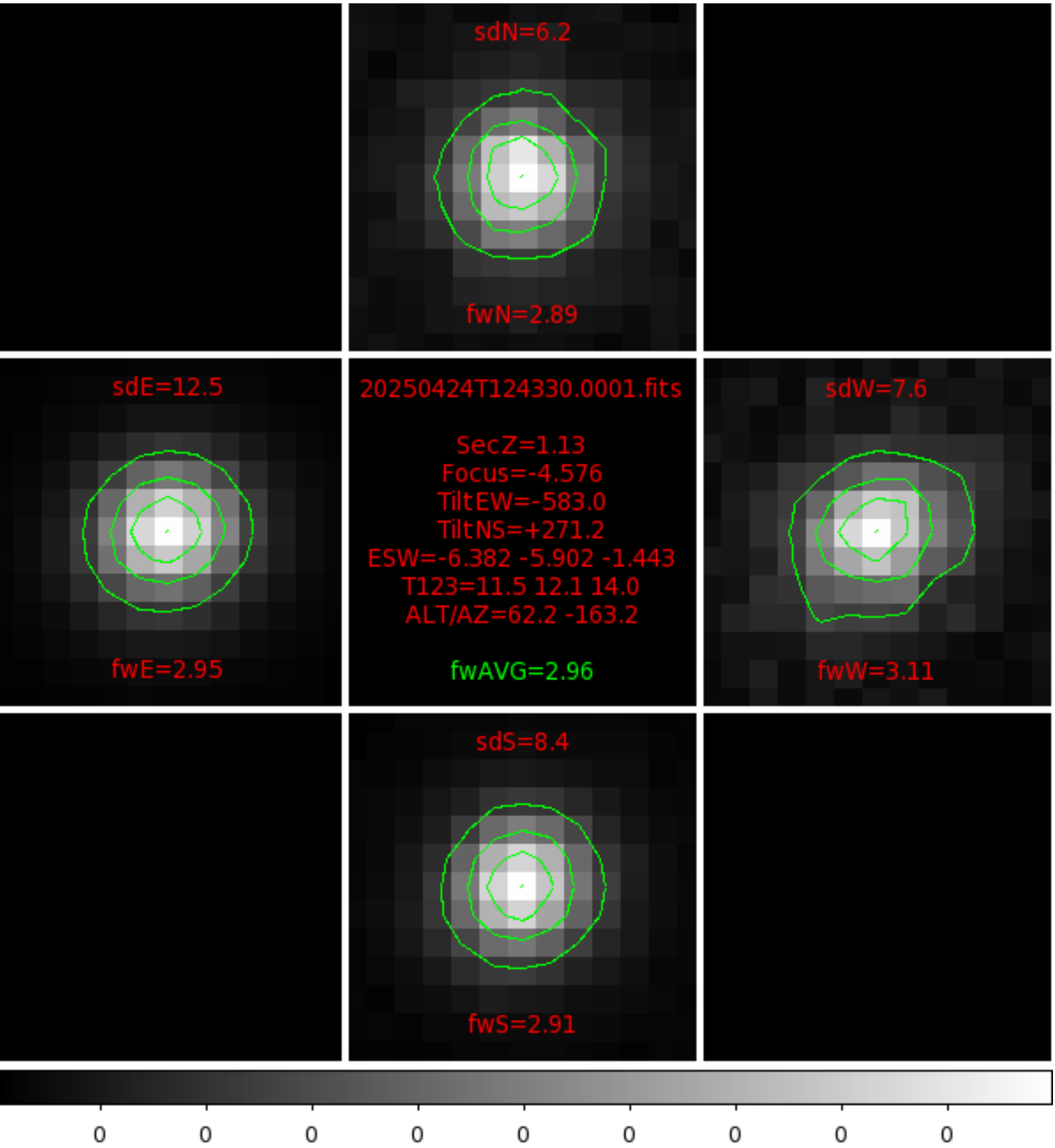
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SecZ=1.13
Focus=-4.576
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.382 -5.902 -1.443
T123=11.5 12.1 14.0
ALT/AZ=62.2 -163.2
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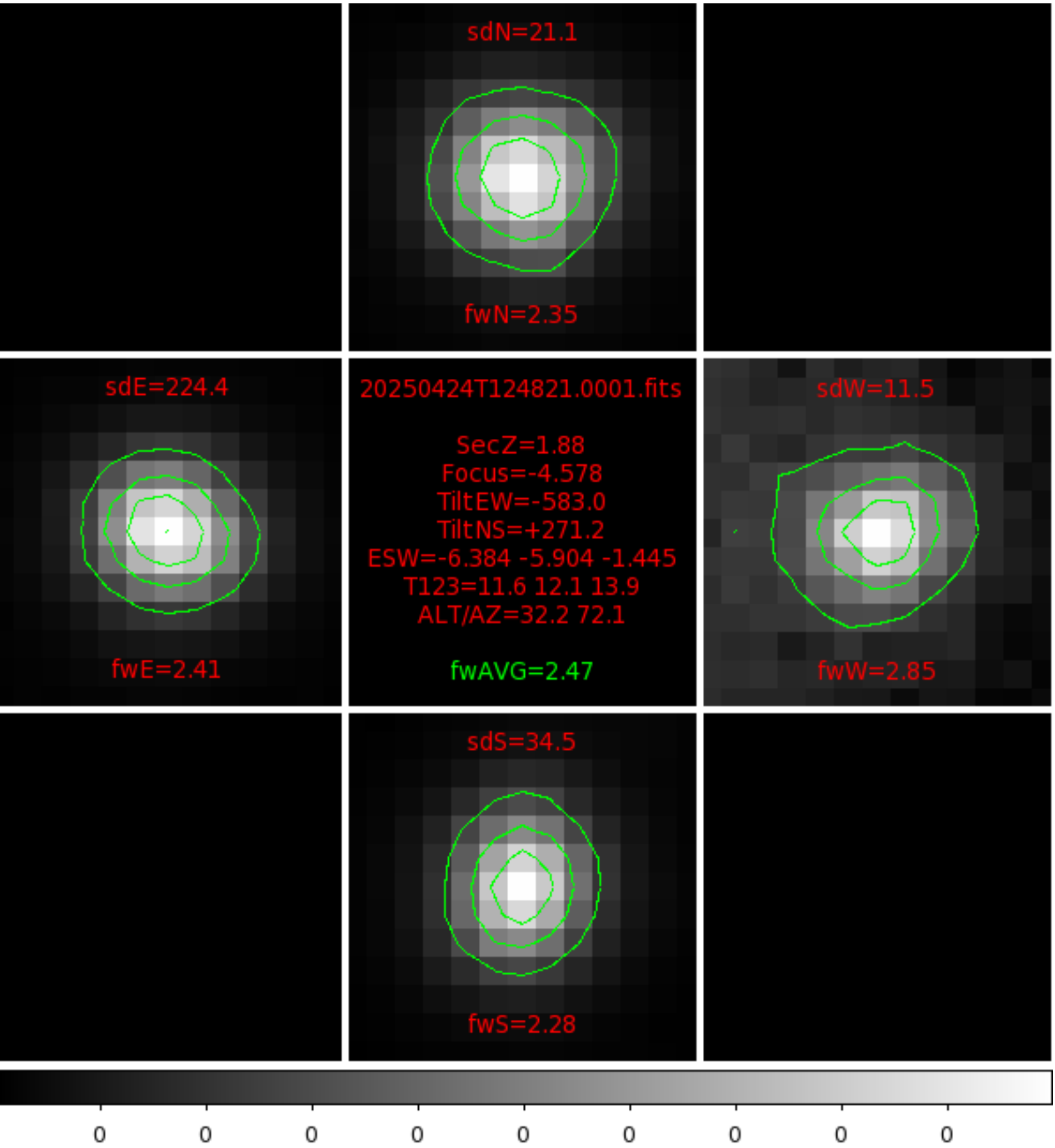
sdN=21.1
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sdE=224.4
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SecZ=1.88
Focus=-4.578
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.384 -5.904 -1.445
T123=11.6 12.1 13.9
ALT/AZ=32.2 72.1
fwAVG=2.47
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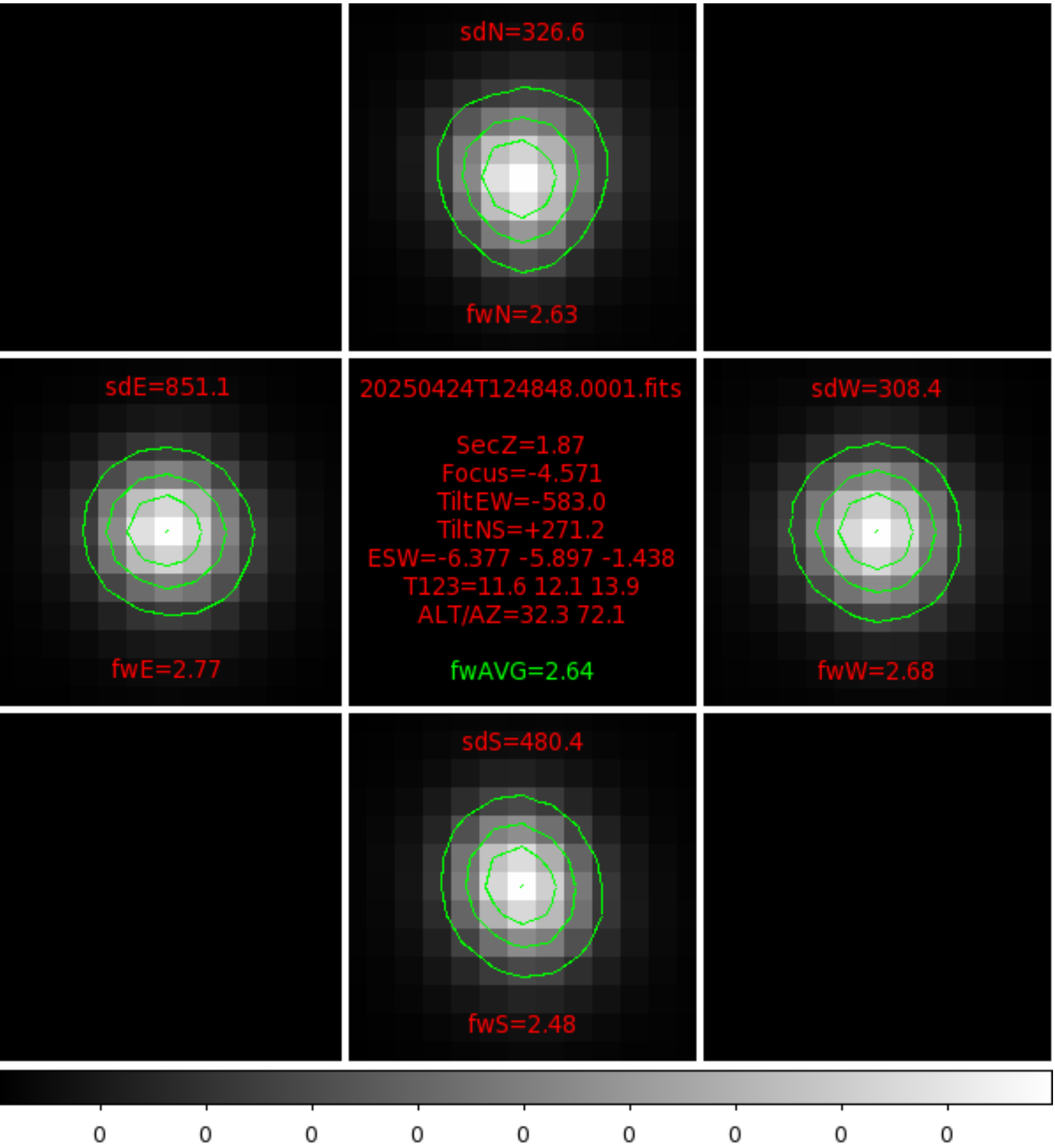
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sdE=851.1
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SecZ=1.87
Focus=-4.571
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.377 -5.897 -1.438
T123=11.6 12.1 13.9
ALT/AZ=32.3 72.1
fwAVG=2.64
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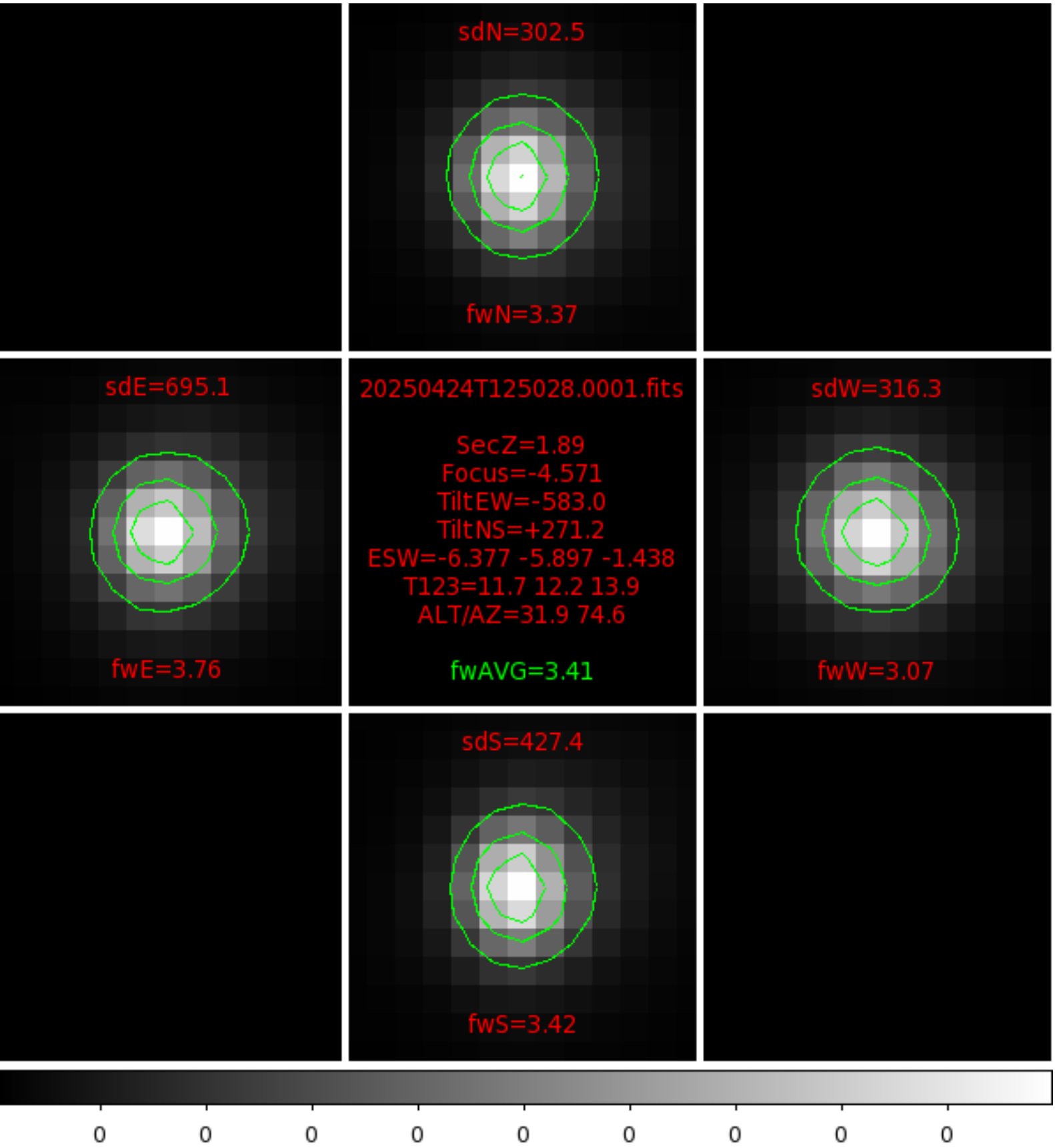
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sdE=695.1
fwE=3.76
20250424T125028.0001.fits
SecZ=1.89
Focus=-4.571
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.377 -5.897 -1.438
T123=11.7 12.2 13.9
ALT/AZ=31.9 74.6
fwAVG=3.41
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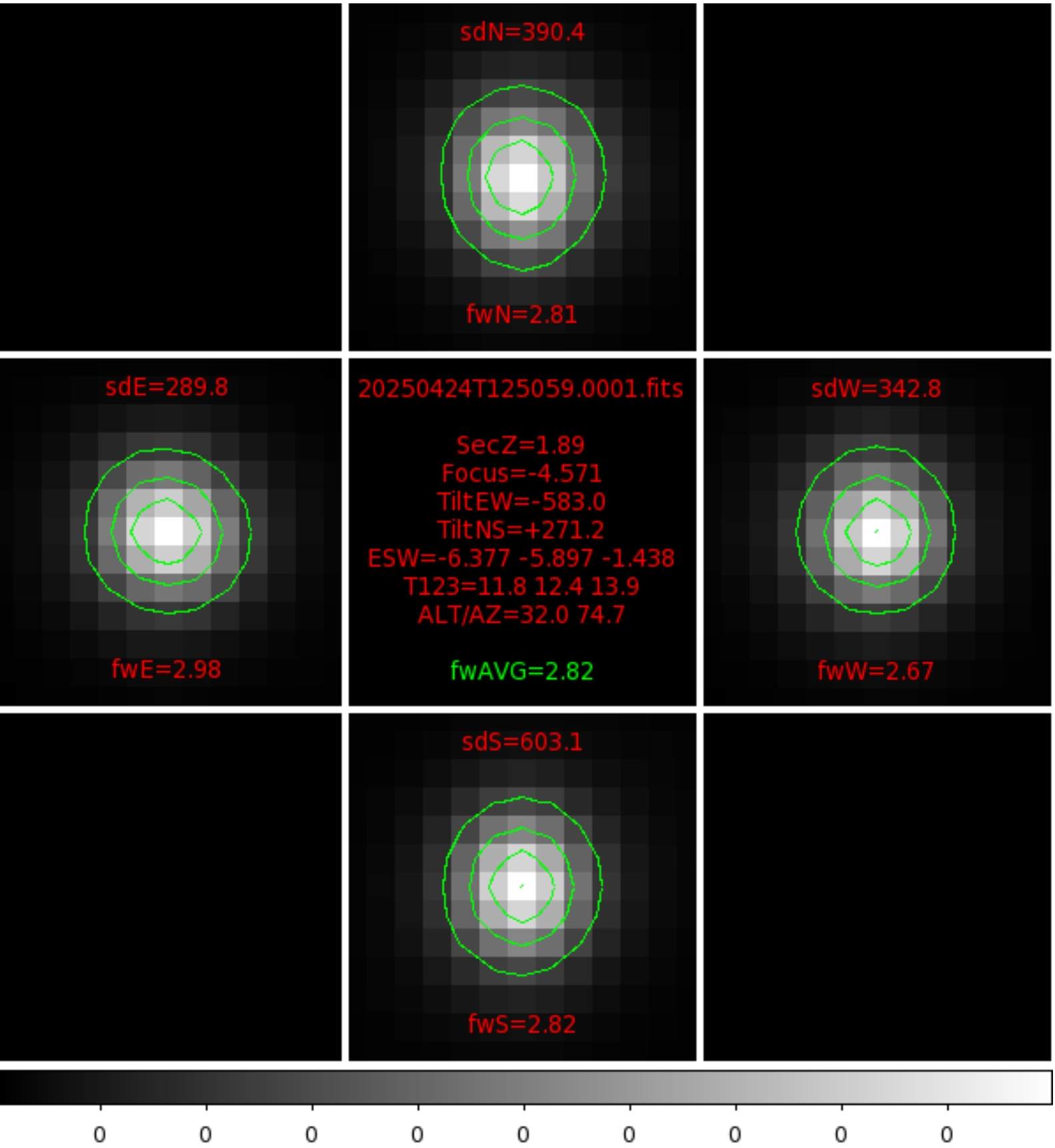
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20250424T125059.0001.fits
SecZ=1.89
Focus=-4.571
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.377 -5.897 -1.438
T123=11.8 12.4 13.9
ALT/AZ=32.0 74.7
fwAVG=2.82
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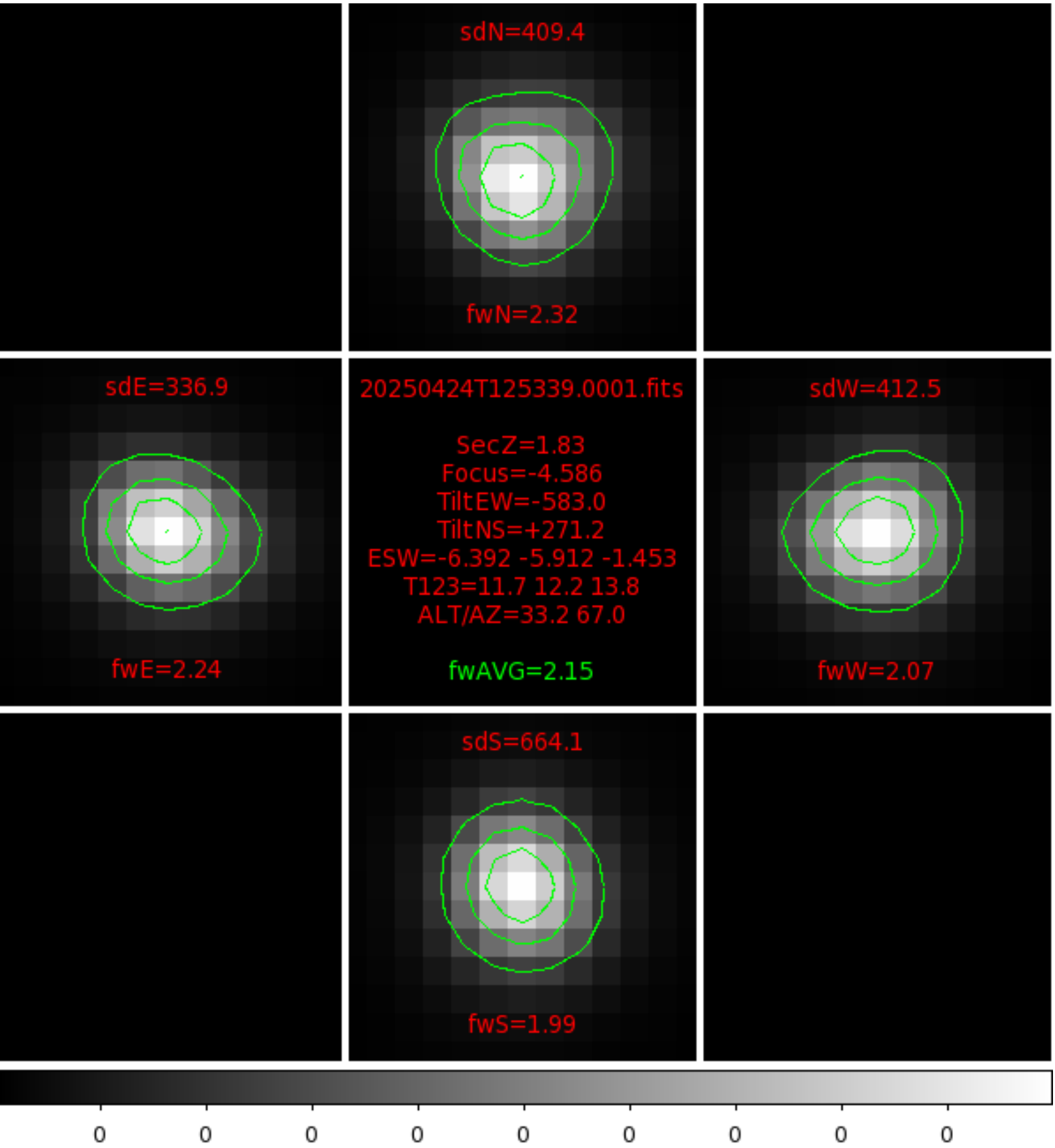
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SecZ=1.83
Focus=-4.586
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.392 -5.912 -1.453
T123=11.7 12.2 13.8
ALT/AZ=33.2 67.0
fwAVG=2.15
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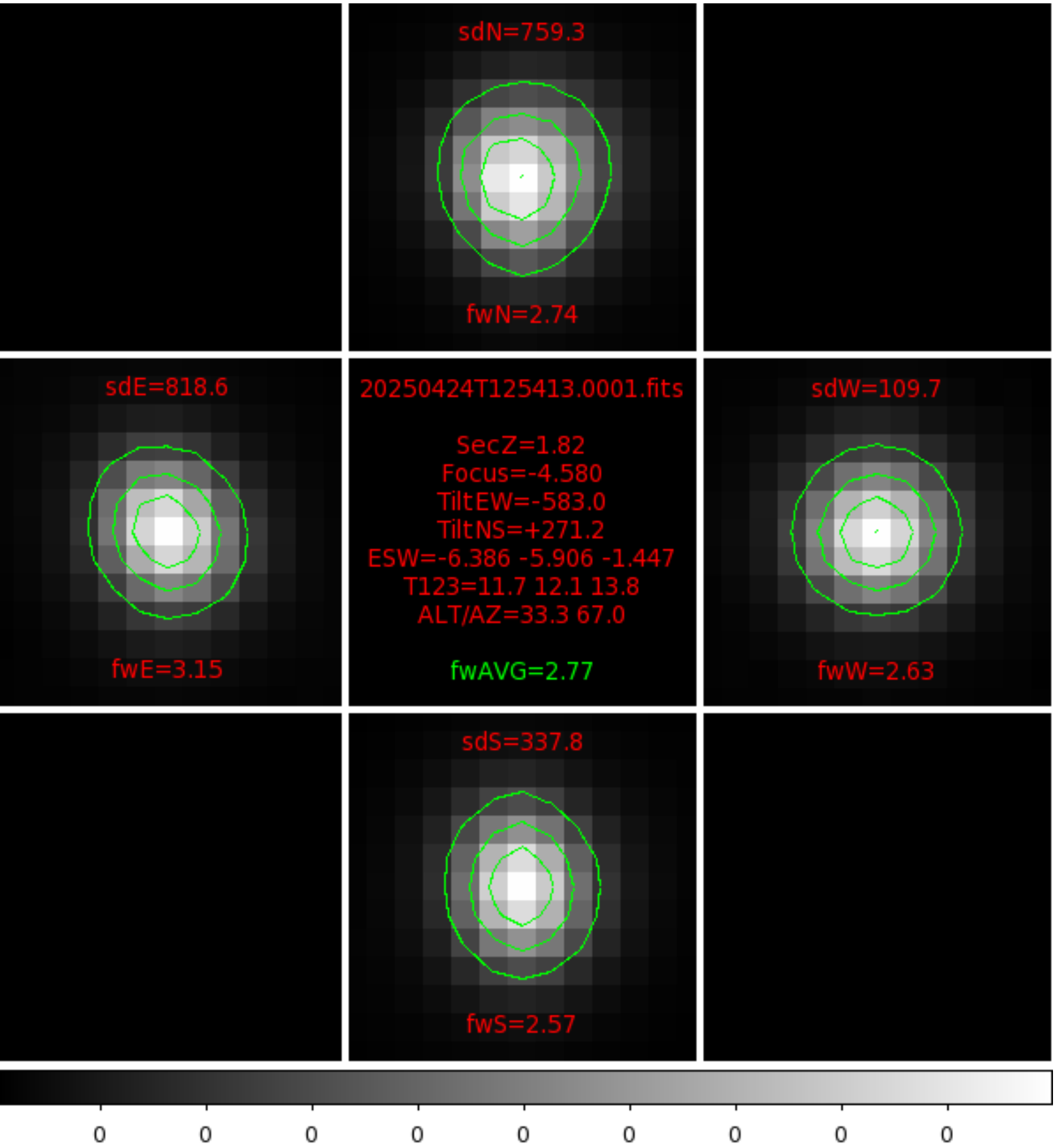
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sdE=818.6
fwE=3.15
20250424T125413.0001.fits
SecZ=1.82
Focus=-4.580
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.386 -5.906 -1.447
T123=11.7 12.1 13.8
ALT/AZ=33.3 67.0
fwAVG=2.77
sdW=109.7
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sdS=337.8
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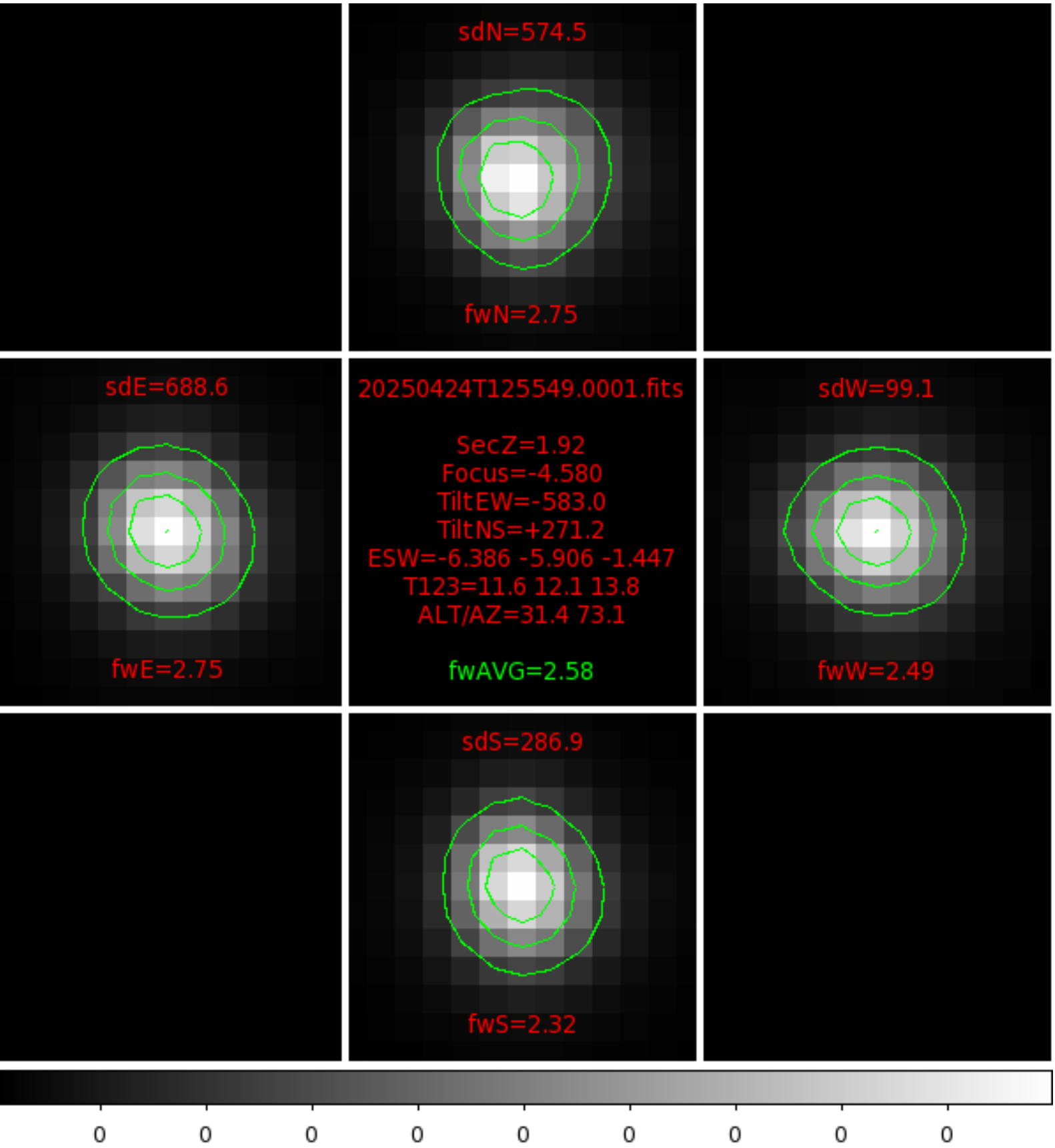
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20250424T125549.0001.fits
SecZ=1.92
Focus=-4.580
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.386 -5.906 -1.447
T123=11.6 12.1 13.8
ALT/AZ=31.4 73.1
fwAVG=2.58
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sdS=286.9
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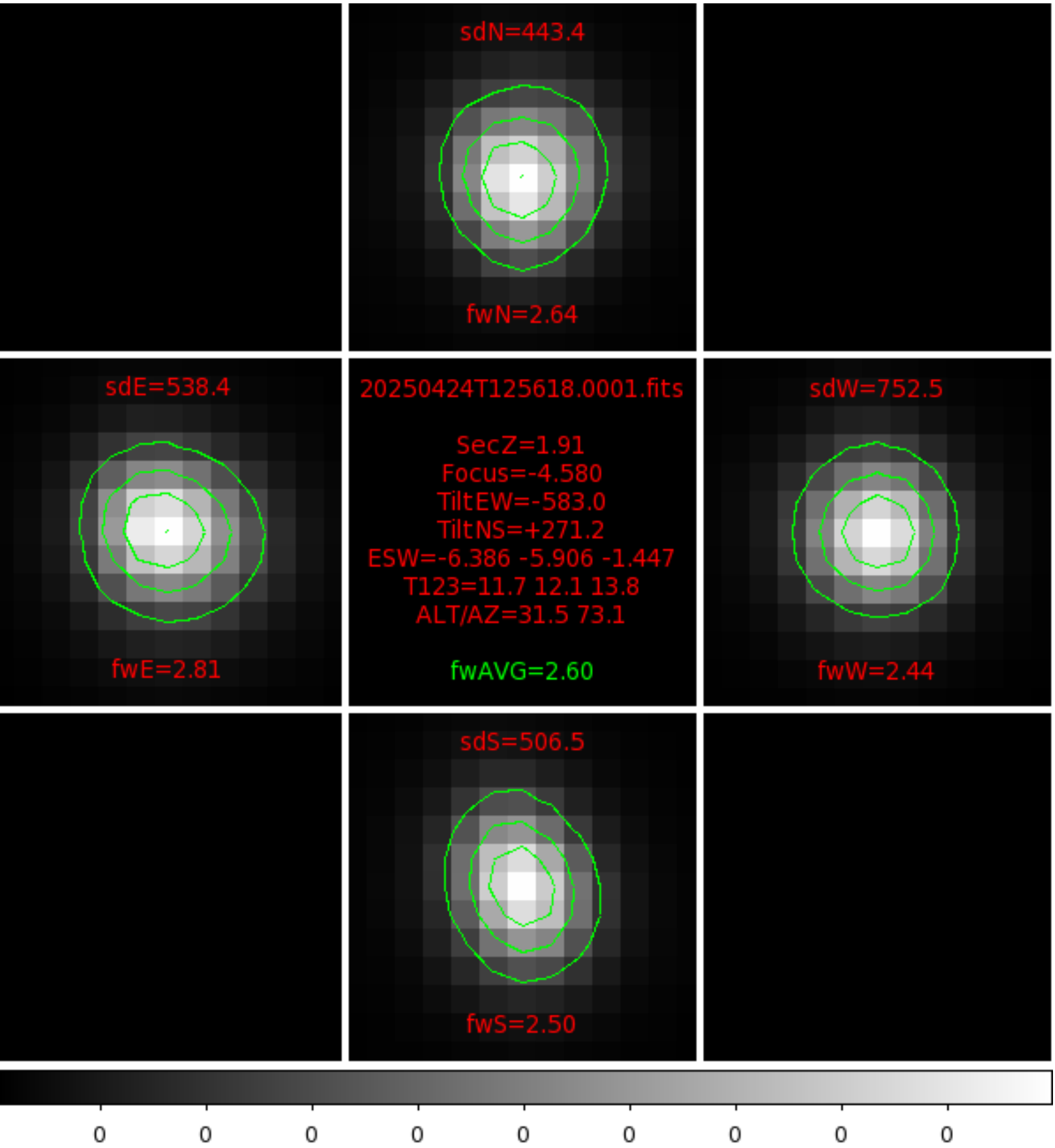
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SecZ=1.91
Focus=-4.580
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.386 -5.906 -1.447
T123=11.7 12.1 13.8
ALT/AZ=31.5 73.1
fwAVG=2.60
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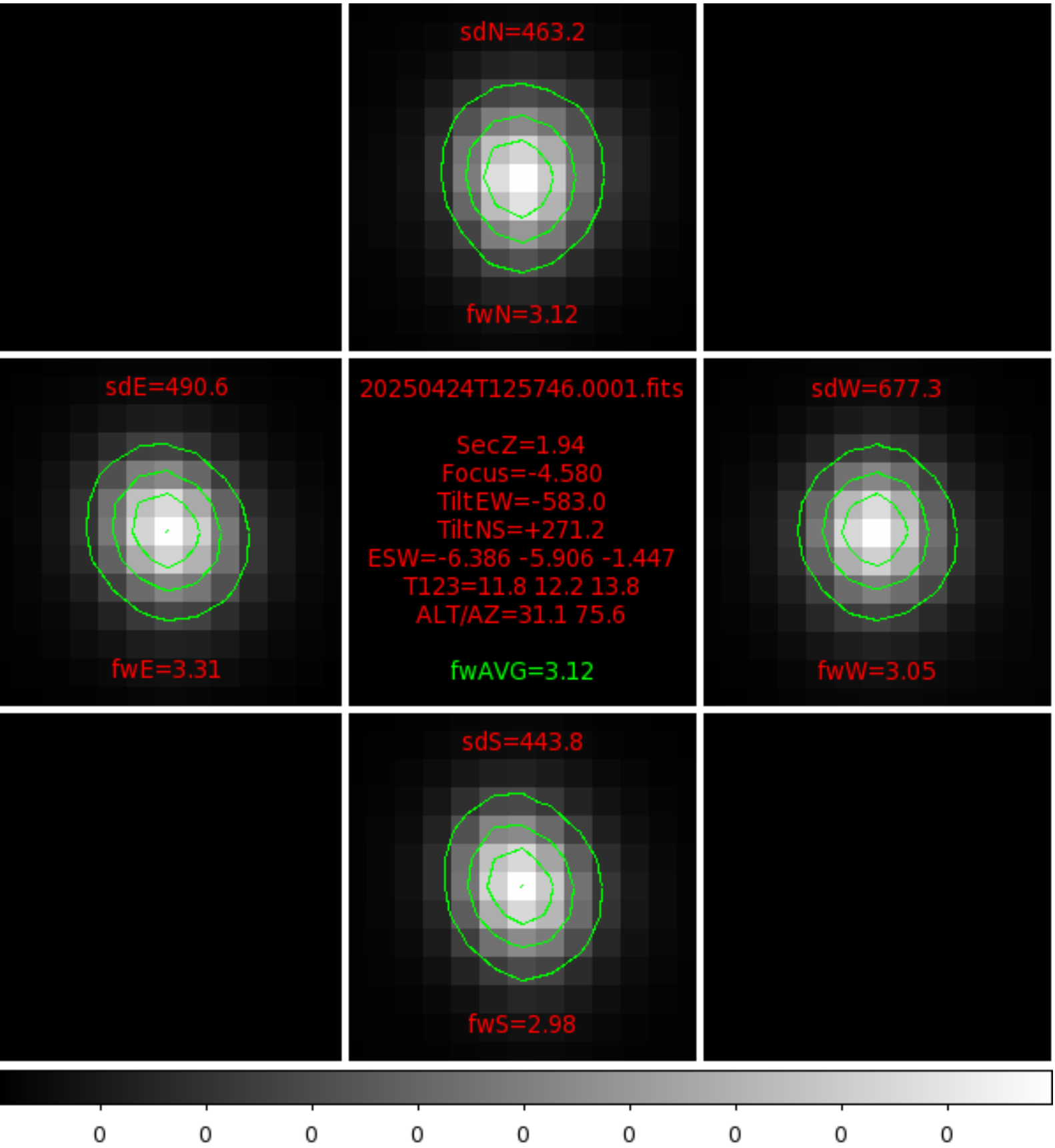
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sdE=490.6
fwE=3.31
20250424T125746.0001.fits
SecZ=1.94
Focus=-4.580
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.386 -5.906 -1.447
T123=11.8 12.2 13.8
ALT/AZ=31.1 75.6
fwAVG=3.12
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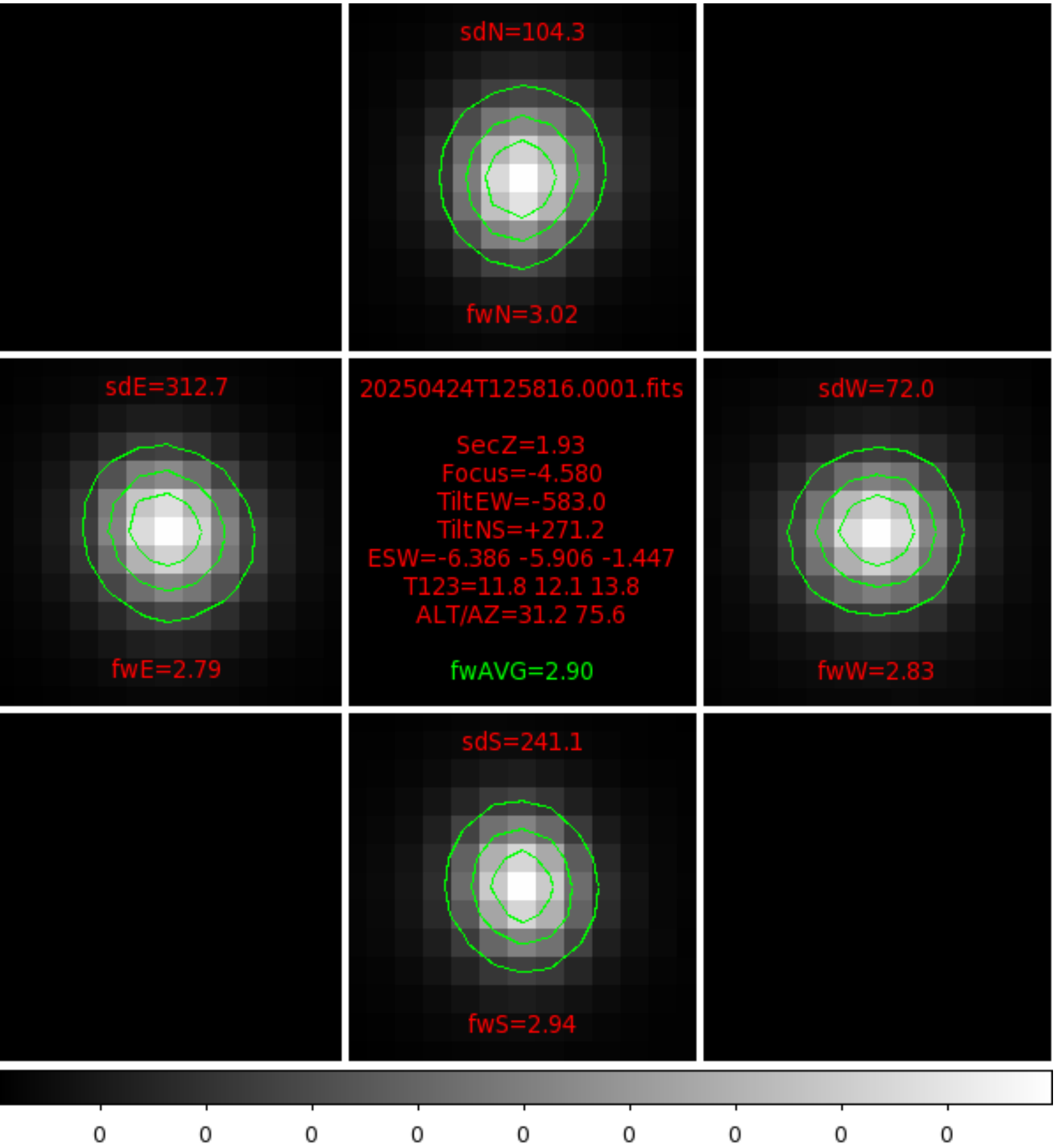
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SecZ=1.93
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.386 -5.906 -1.447
T123=11.8 12.1 13.8
ALT/AZ=31.2 75.6
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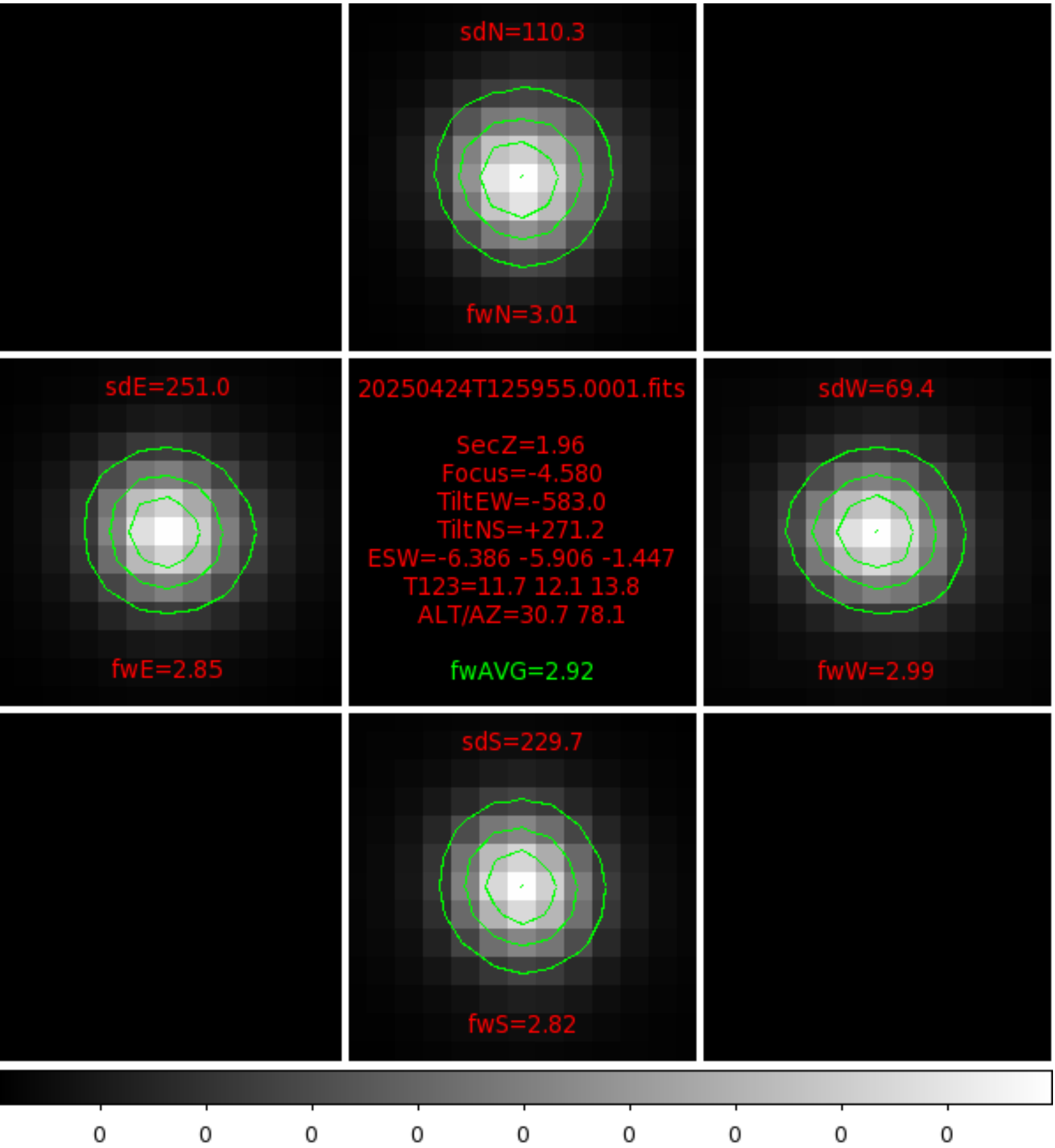
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20250424T125955.0001.fits
SecZ=1.96
Focus=-4.580
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.386 -5.906 -1.447
T123=11.7 12.1 13.8
ALT/AZ=30.7 78.1
fwAVG=2.92
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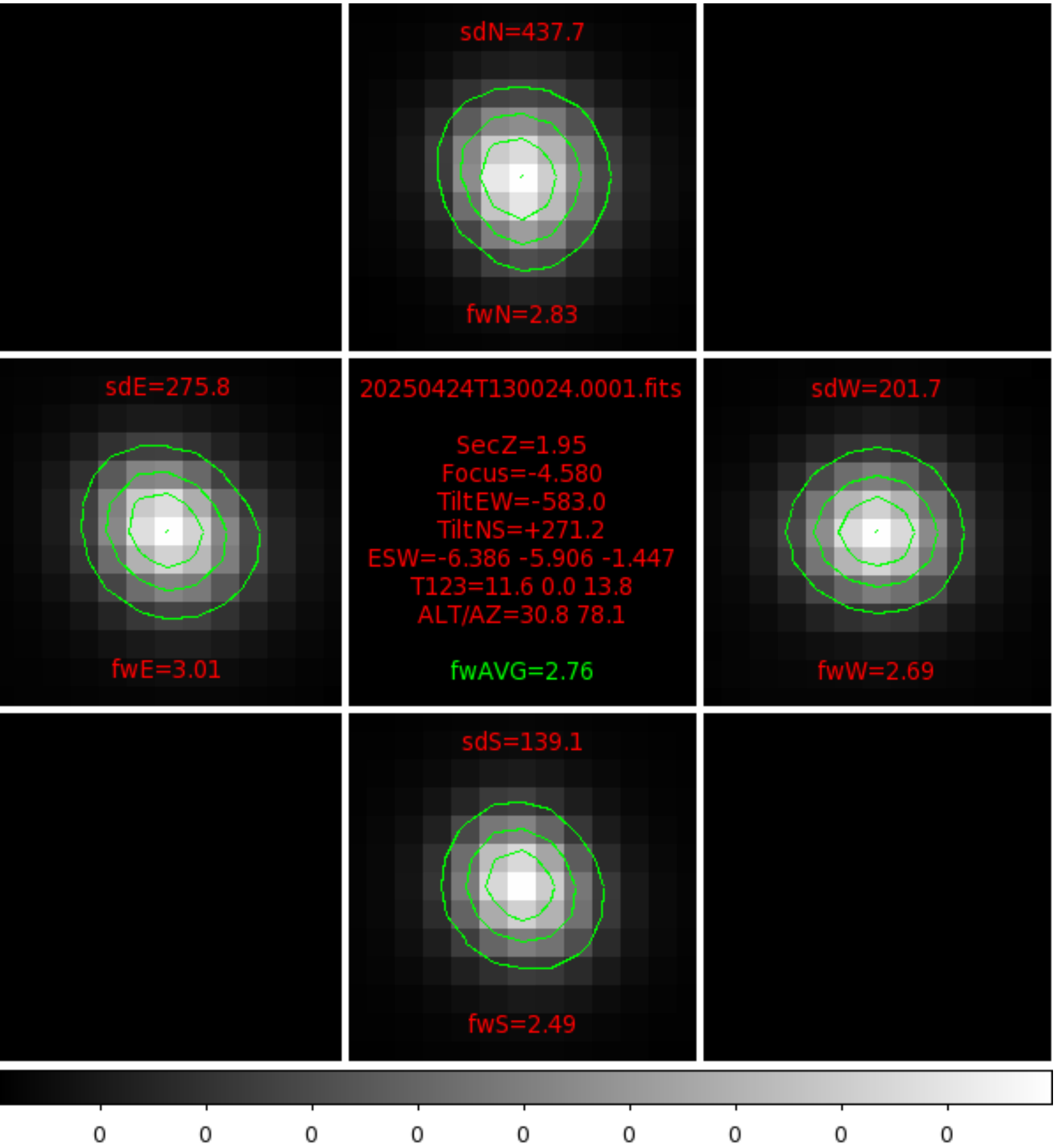
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SecZ=1.95
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.386 -5.906 -1.447
T123=11.6 0.0 13.8
ALT/AZ=30.8 78.1
fwAVG=2.76
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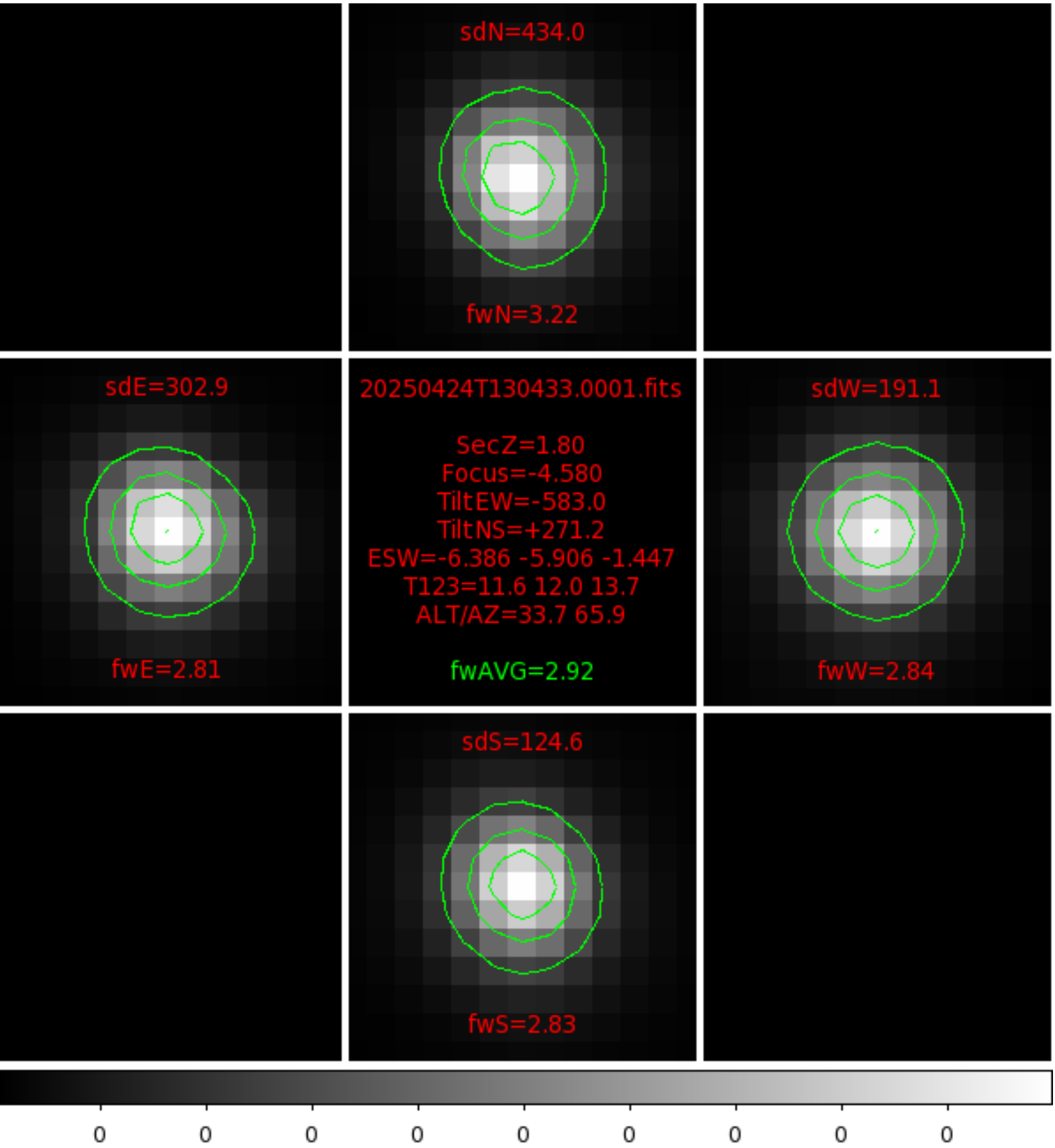
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SecZ=1.80
Focus=-4.580
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.386 -5.906 -1.447
T123=11.6 12.0 13.7
ALT/AZ=33.7 65.9
fwAVG=2.92
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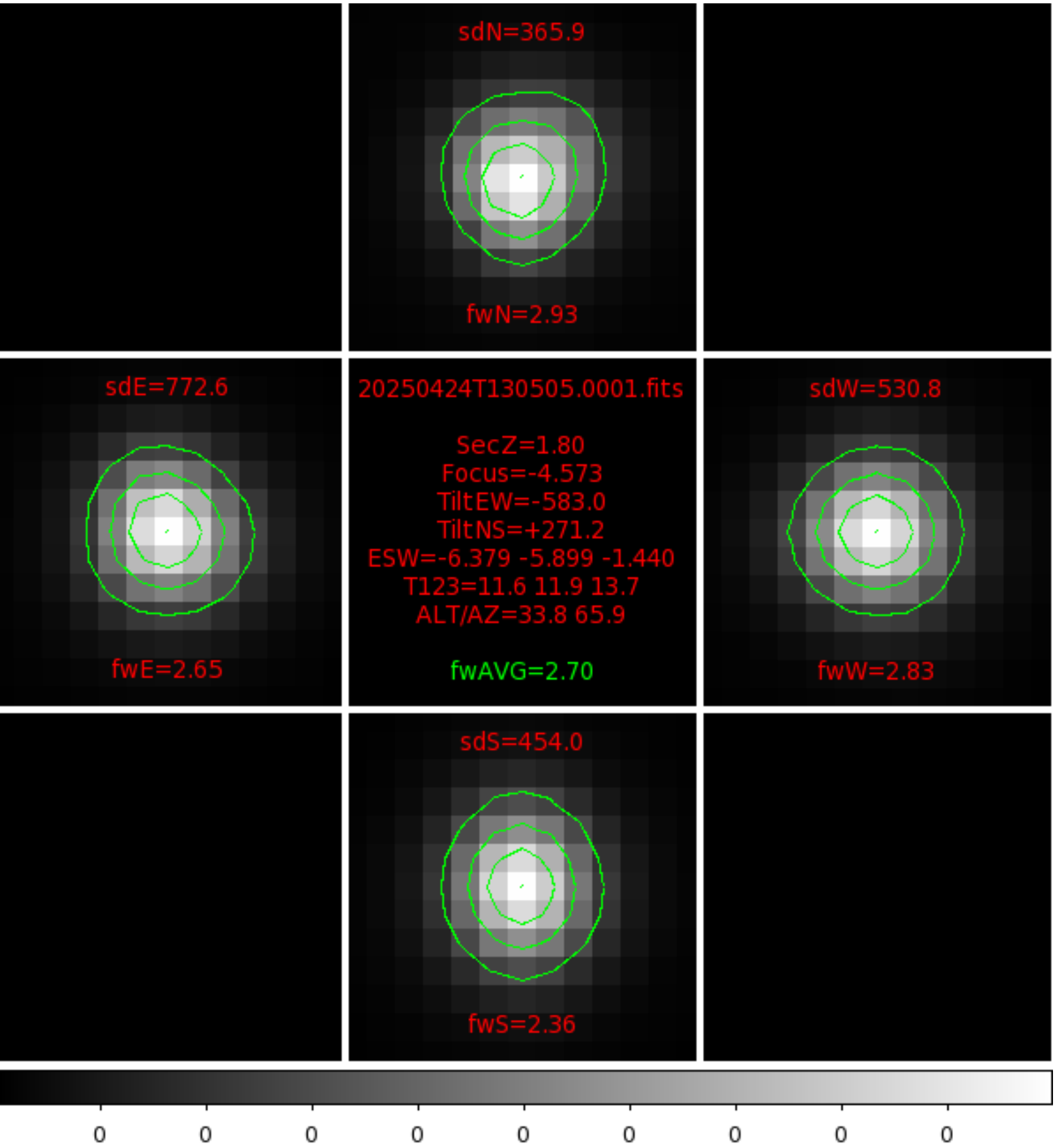
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sdE=772.6
fwE=2.65
20250424T130505.0001.fits
SecZ=1.80
Focus=-4.573
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.379 -5.899 -1.440
T123=11.6 11.9 13.7
ALT/AZ=33.8 65.9
fwAVG=2.70
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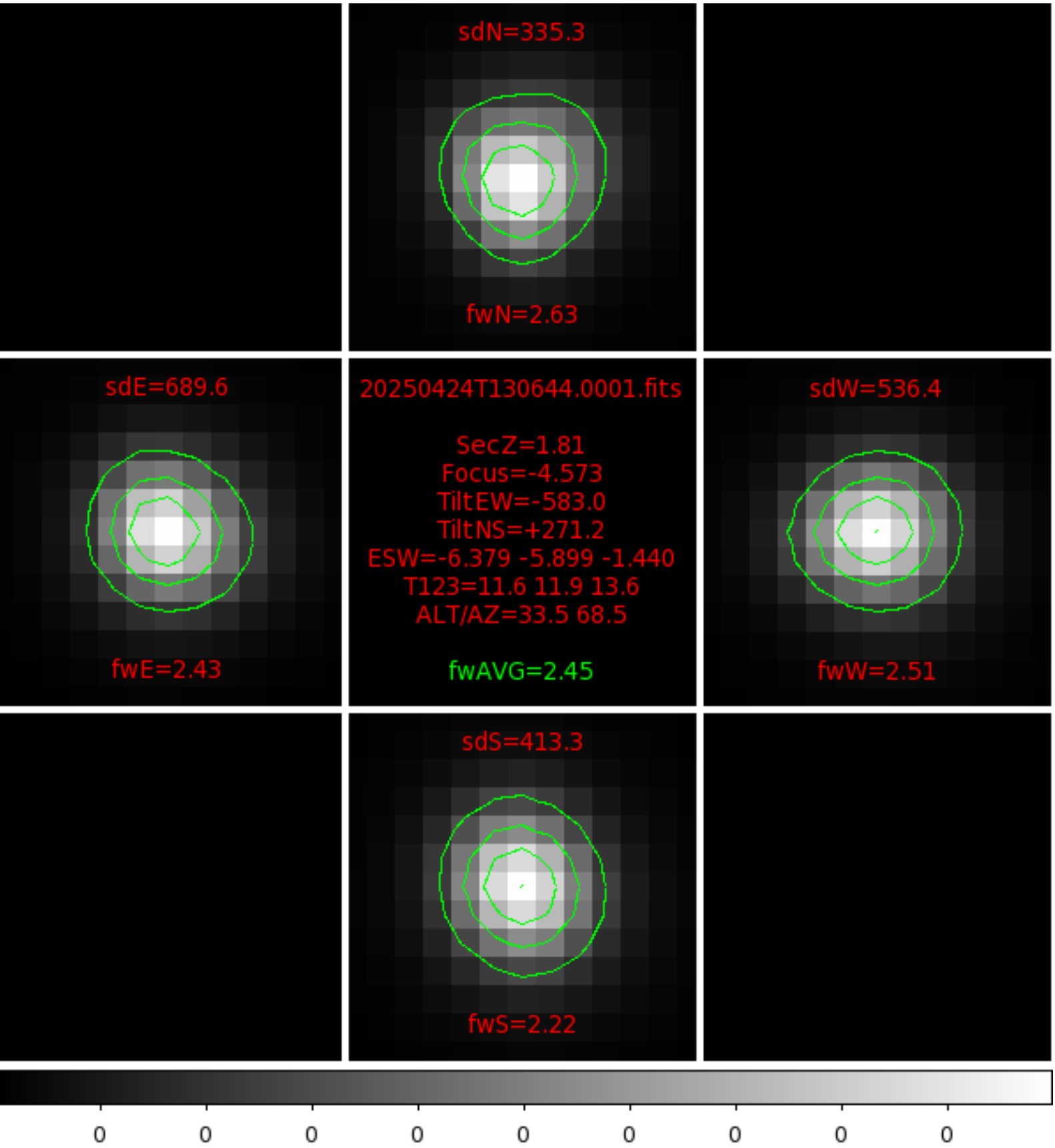
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SecZ=1.81
Focus=-4.573
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.379 -5.899 -1.440
T123=11.6 11.9 13.6
ALT/AZ=33.5 68.5
fwAVG=2.45
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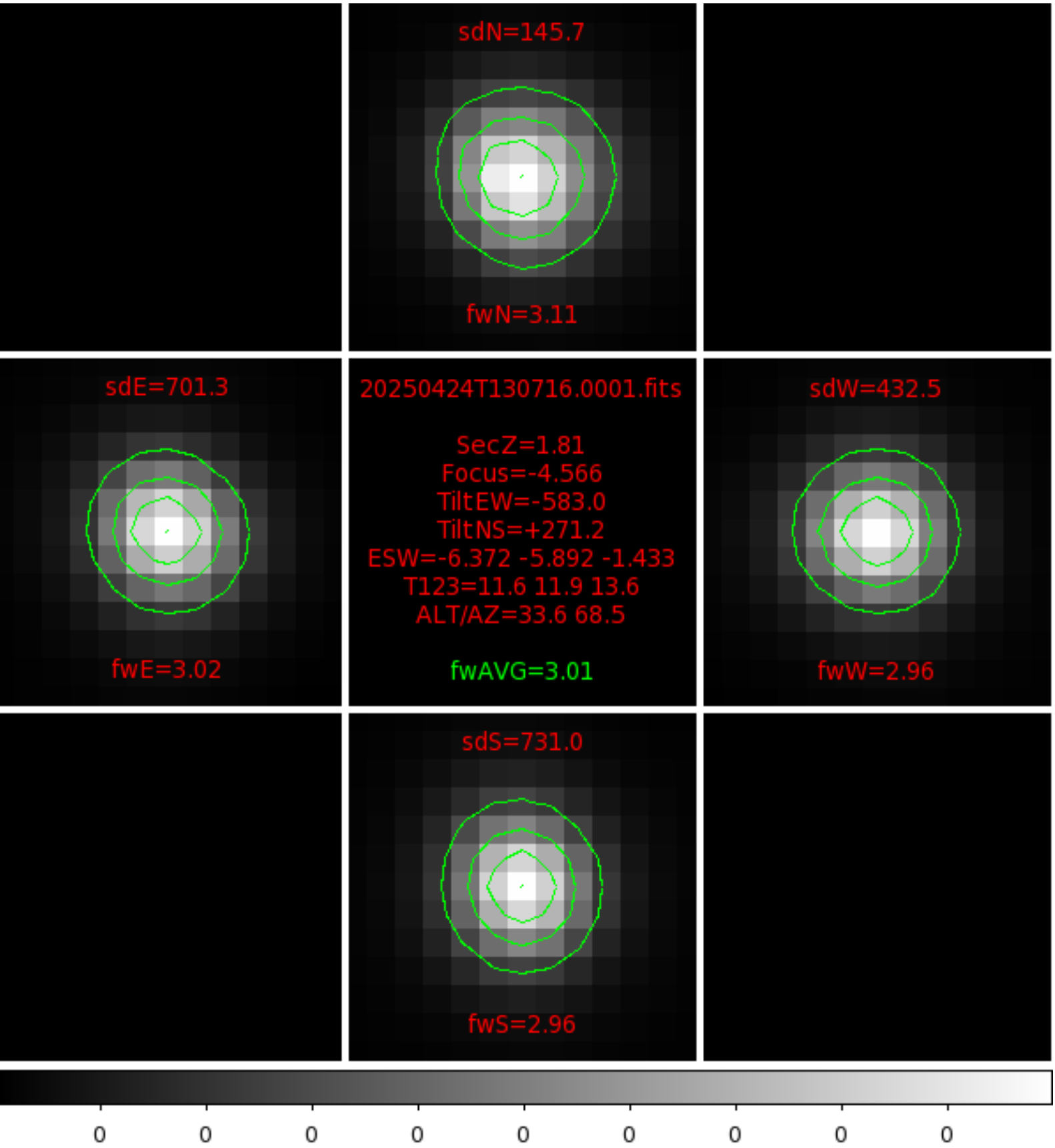
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sdE=701.3
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SecZ=1.81
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.6 11.9 13.6
ALT/AZ=33.6 68.5
fwAVG=3.01
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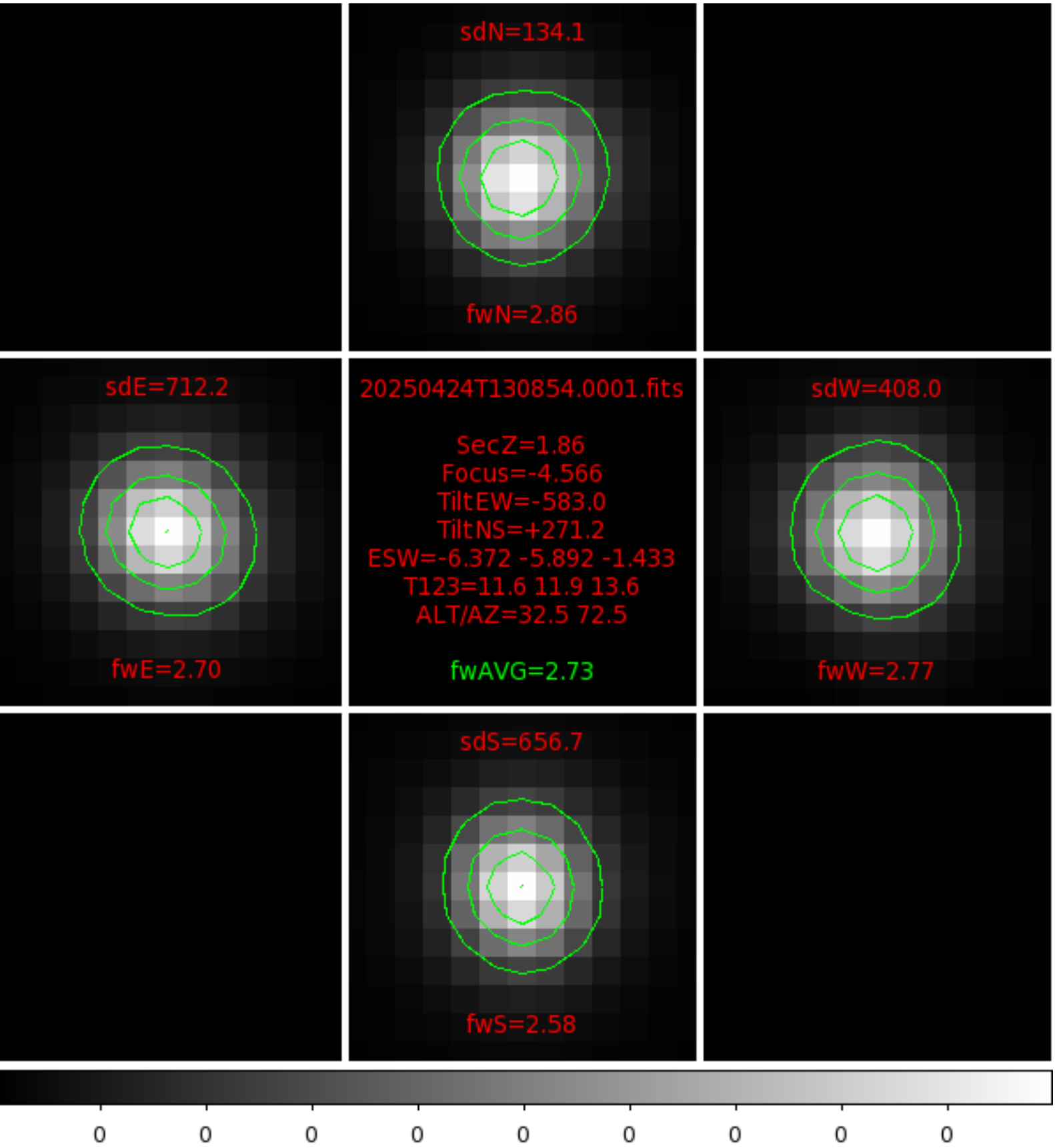
sdN=134.1
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fwE=2.70
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SecZ=1.86
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.6 11.9 13.6
ALT/AZ=32.5 72.5
fwAVG=2.73
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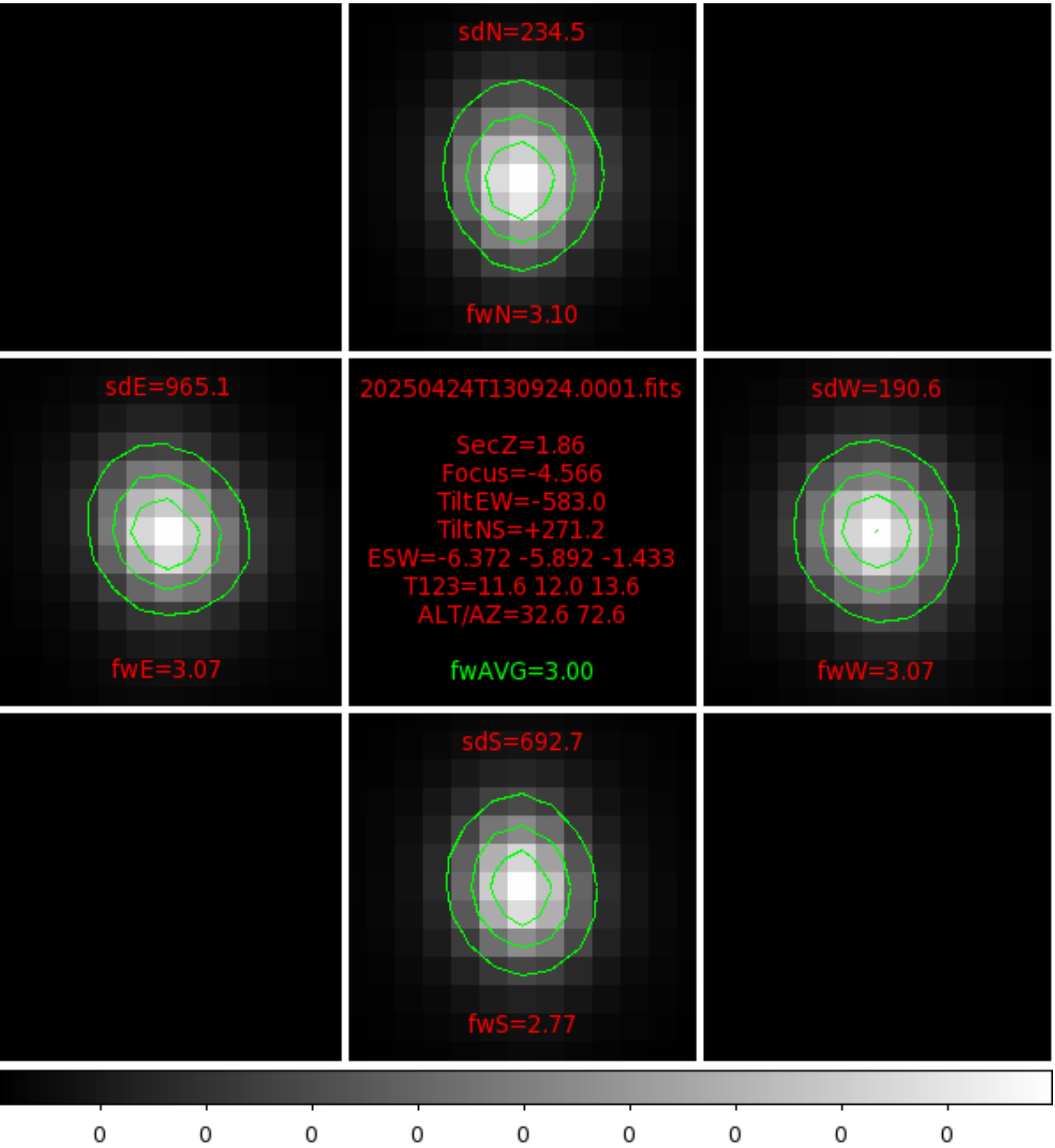
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SecZ=1.86
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.6 12.0 13.6
ALT/AZ=32.6 72.6
fwAVG=3.00
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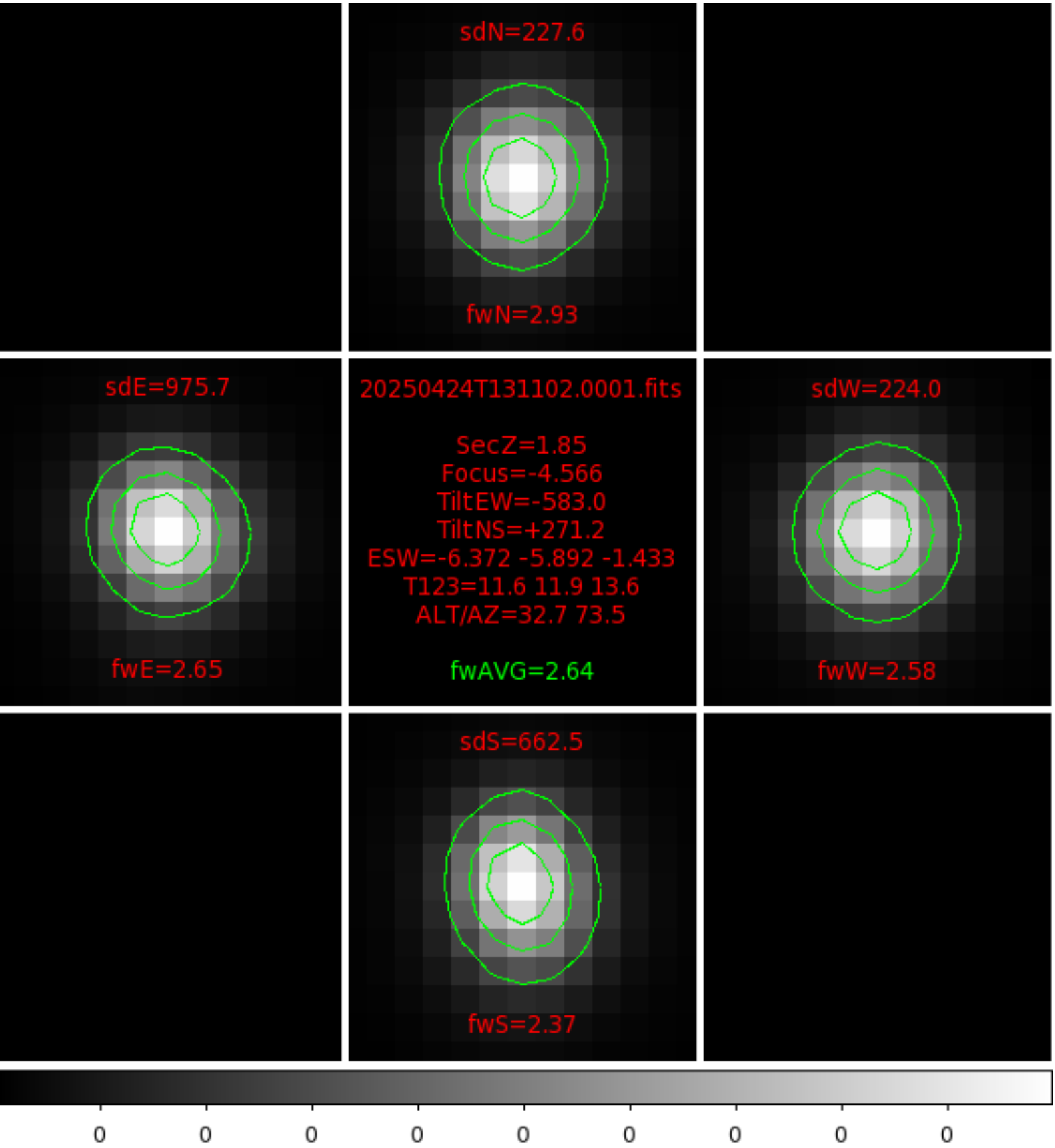
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sdE=975.7
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SecZ=1.85
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.6 11.9 13.6
ALT/AZ=32.7 73.5
fwAVG=2.64
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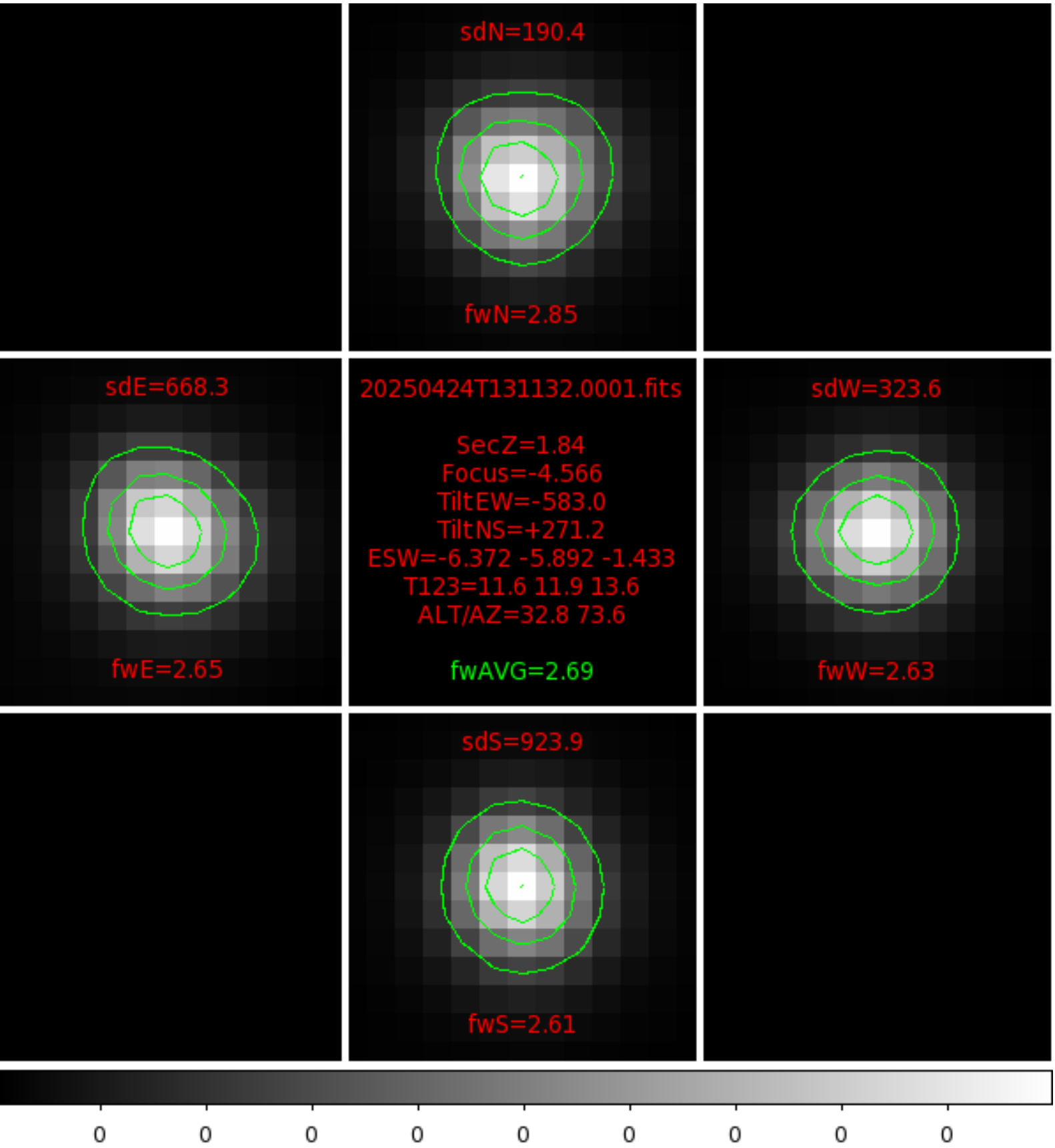
sdN=190.4
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sdE=668.3
fwE=2.65
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SecZ=1.84
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.6 11.9 13.6
ALT/AZ=32.8 73.6
fwAVG=2.69
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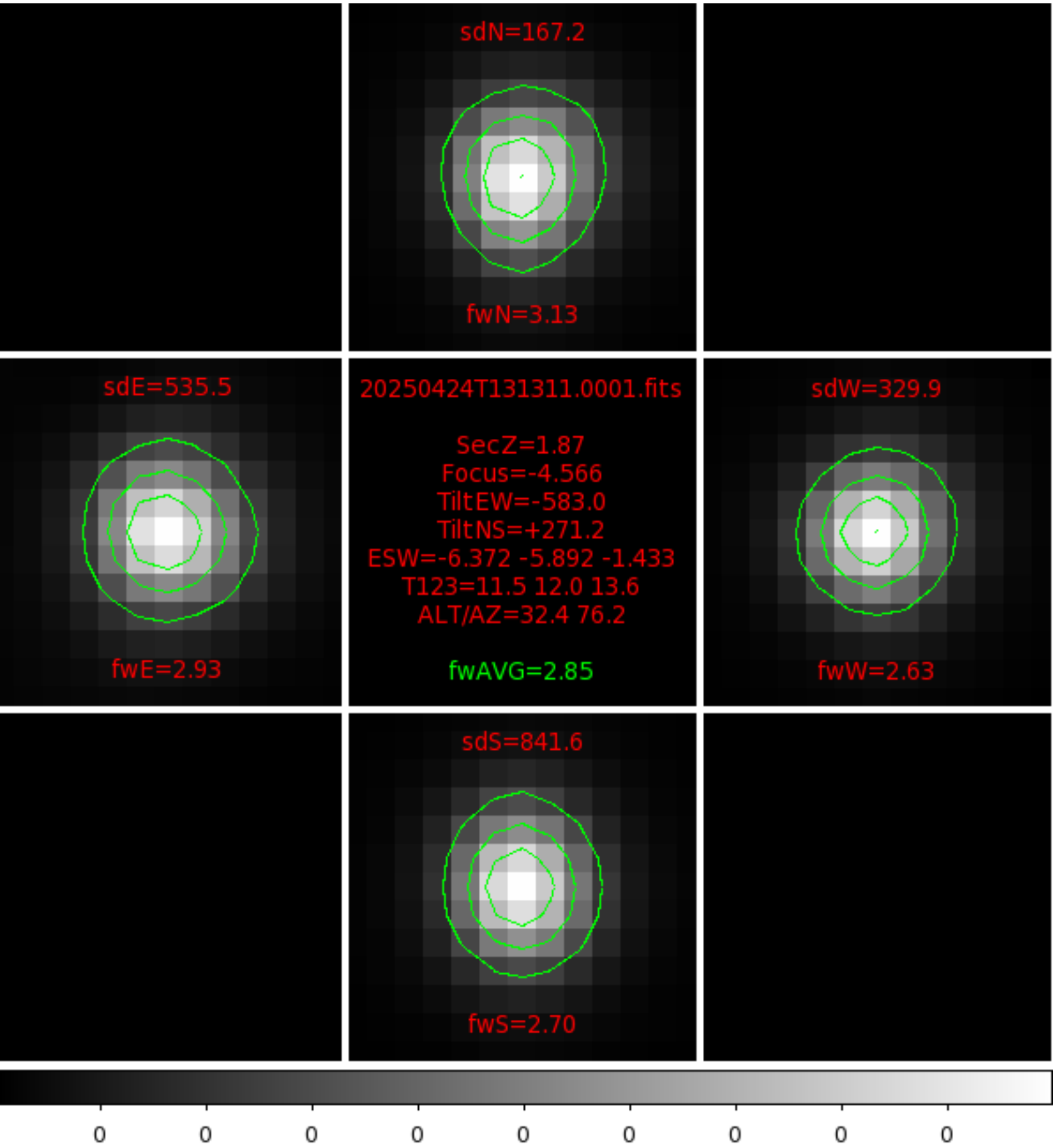
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sdE=535.5
fwE=2.93
20250424T131311.0001.fits
SecZ=1.87
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.5 12.0 13.6
ALT/AZ=32.4 76.2
fwAVG=2.85
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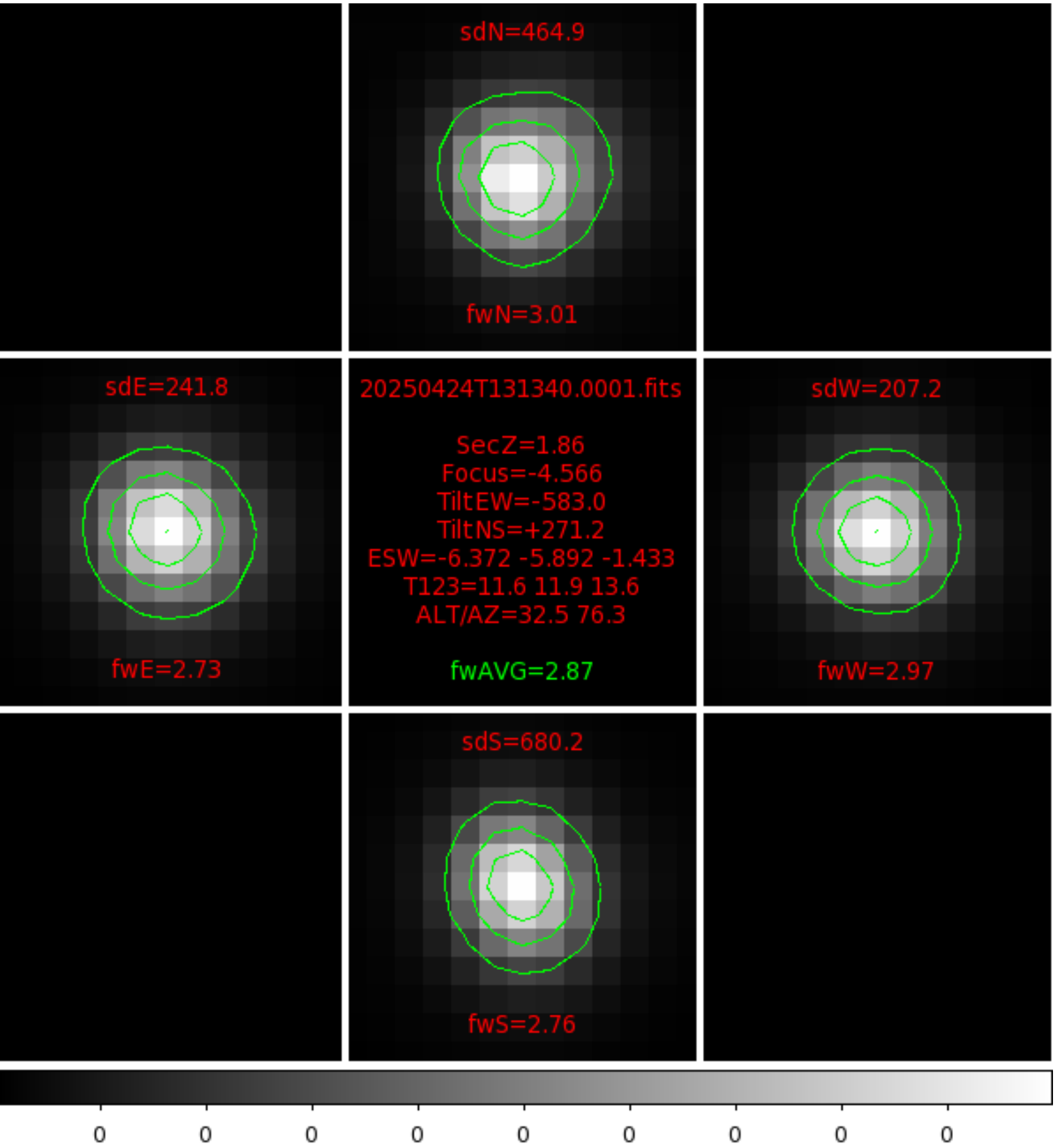
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sdE=241.8
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20250424T131340.0001.fits
SecZ=1.86
Focus=-4.566
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.6 11.9 13.6
ALT/AZ=32.5 76.3
fwAVG=2.87
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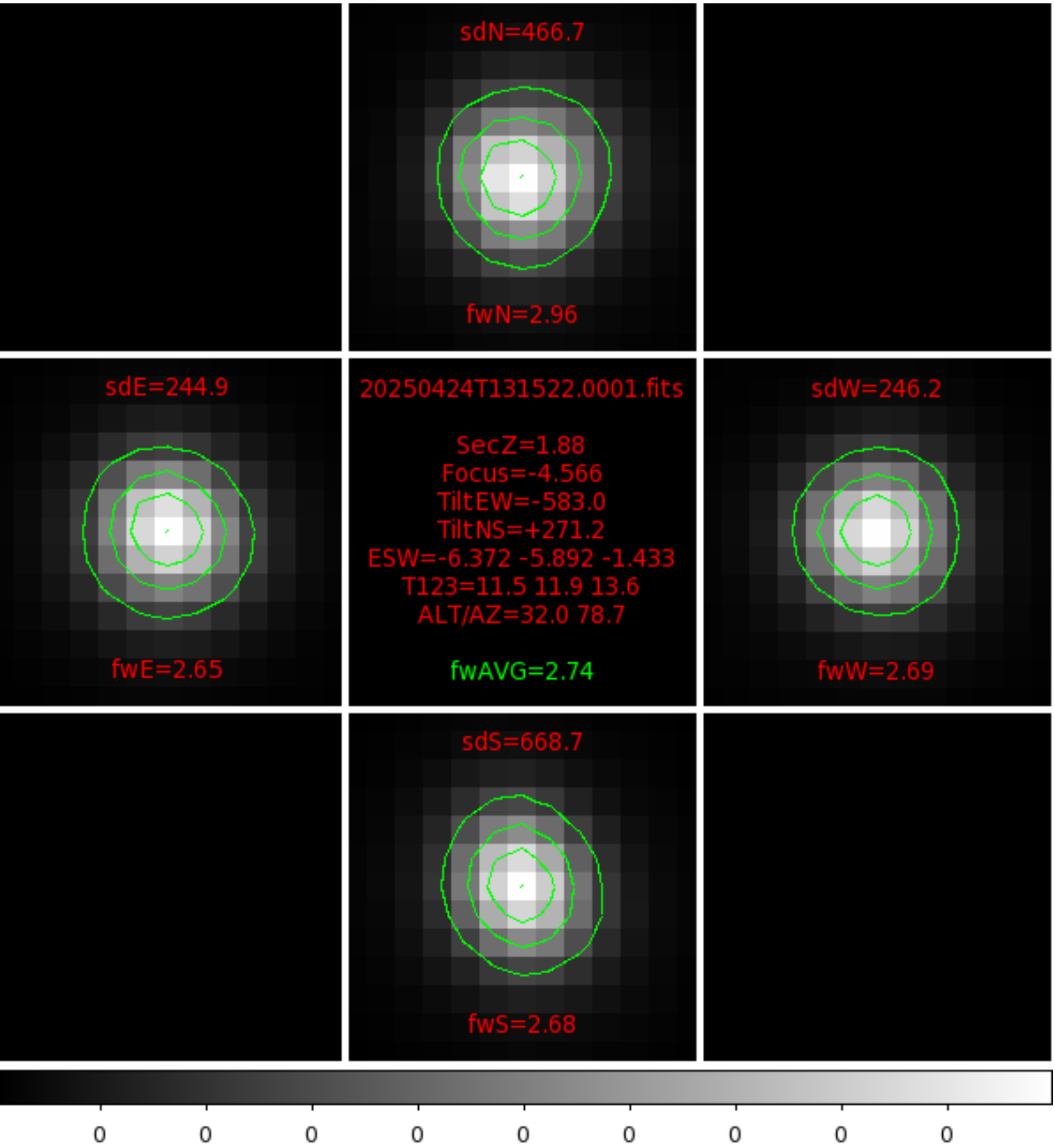
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SecZ=1.88
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.5 11.9 13.6
ALT/AZ=32.0 78.7
fwAVG=2.74
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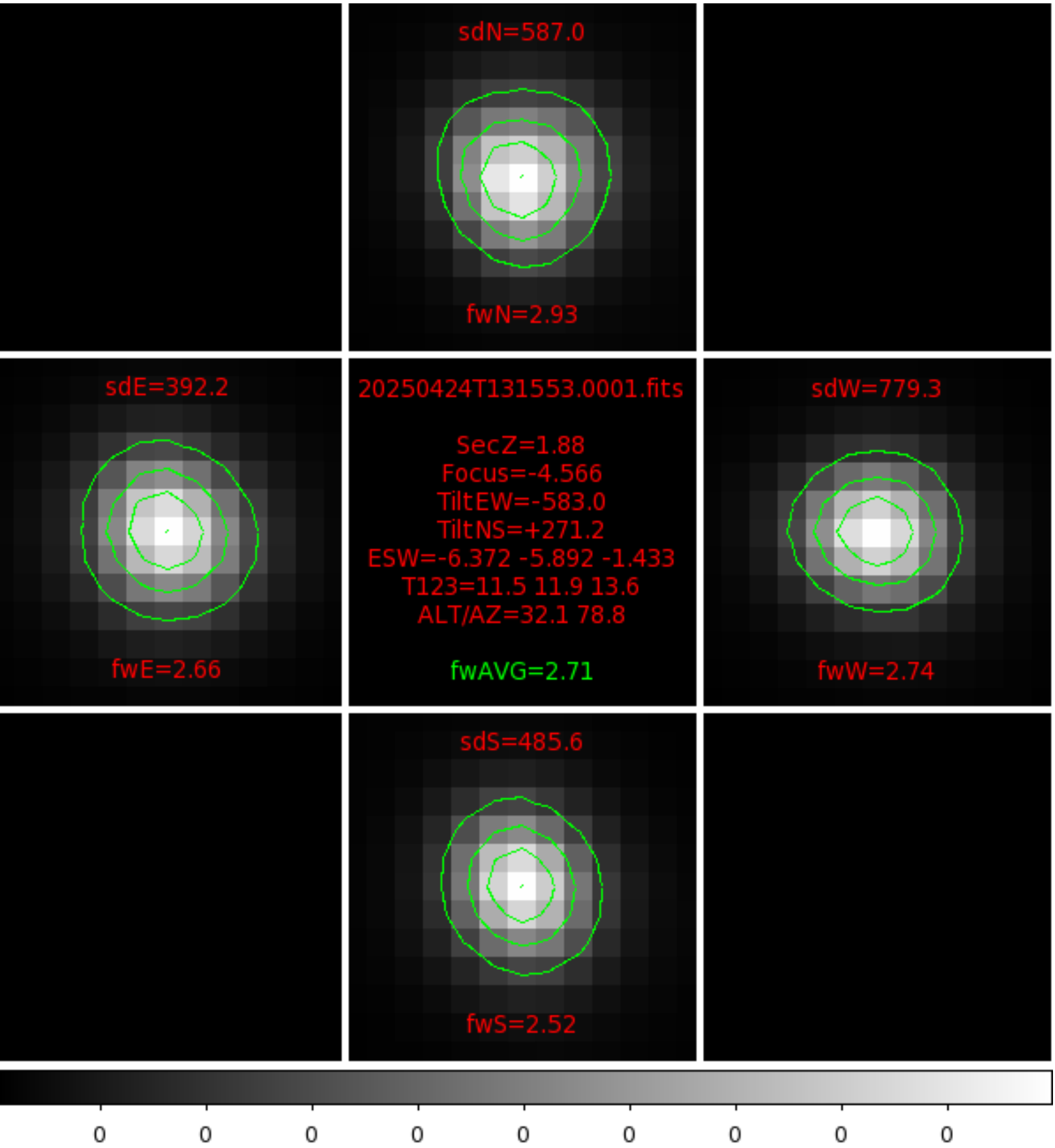
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sdE=392.2
fwE=2.66
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SecZ=1.88
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.5 11.9 13.6
ALT/AZ=32.1 78.8
fwAVG=2.71
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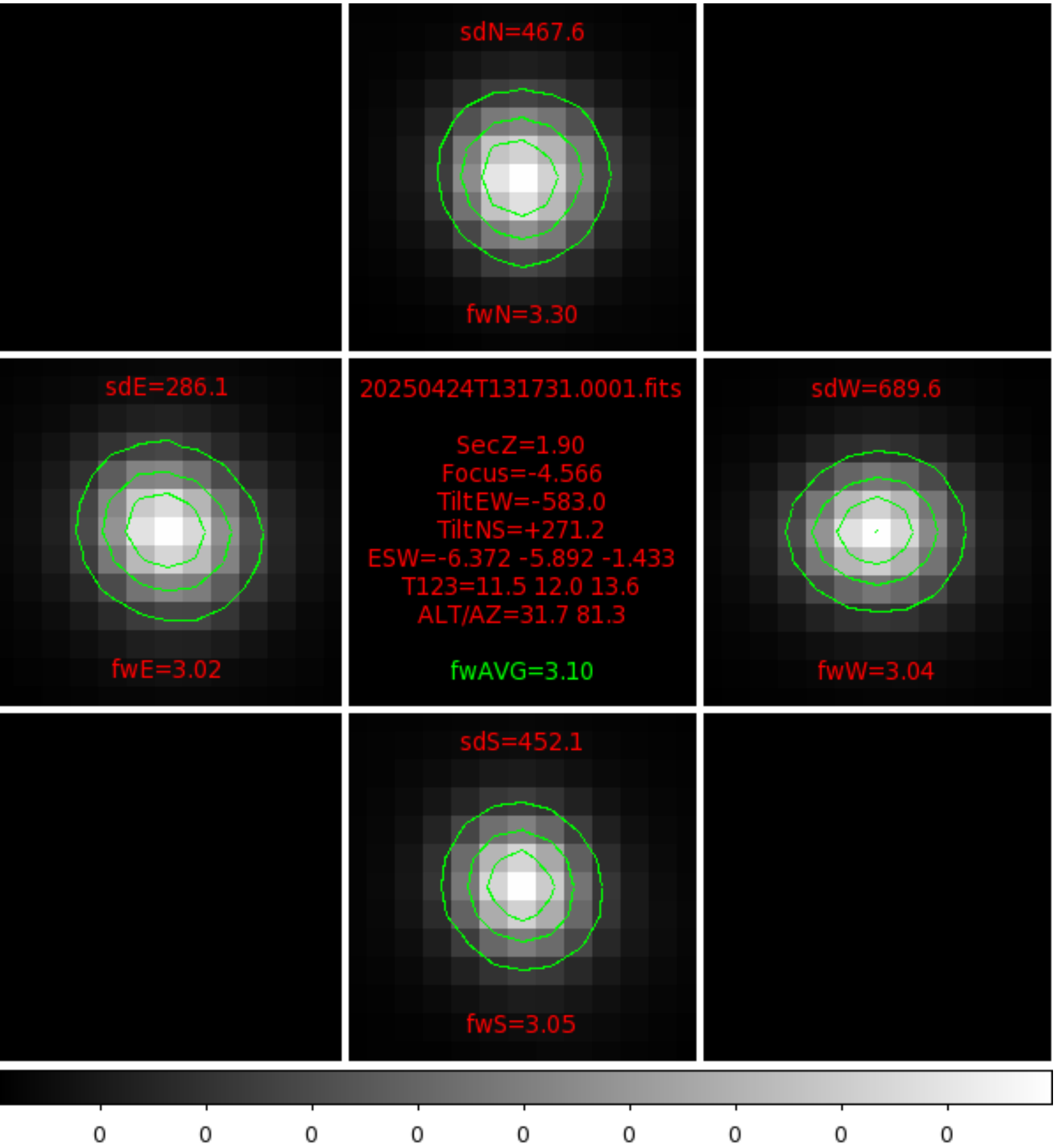
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sdE=286.1
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SecZ=1.90
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TiltEW=-583.0
TiltNS=+271.2
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T123=11.5 12.0 13.6
ALT/AZ=31.7 81.3
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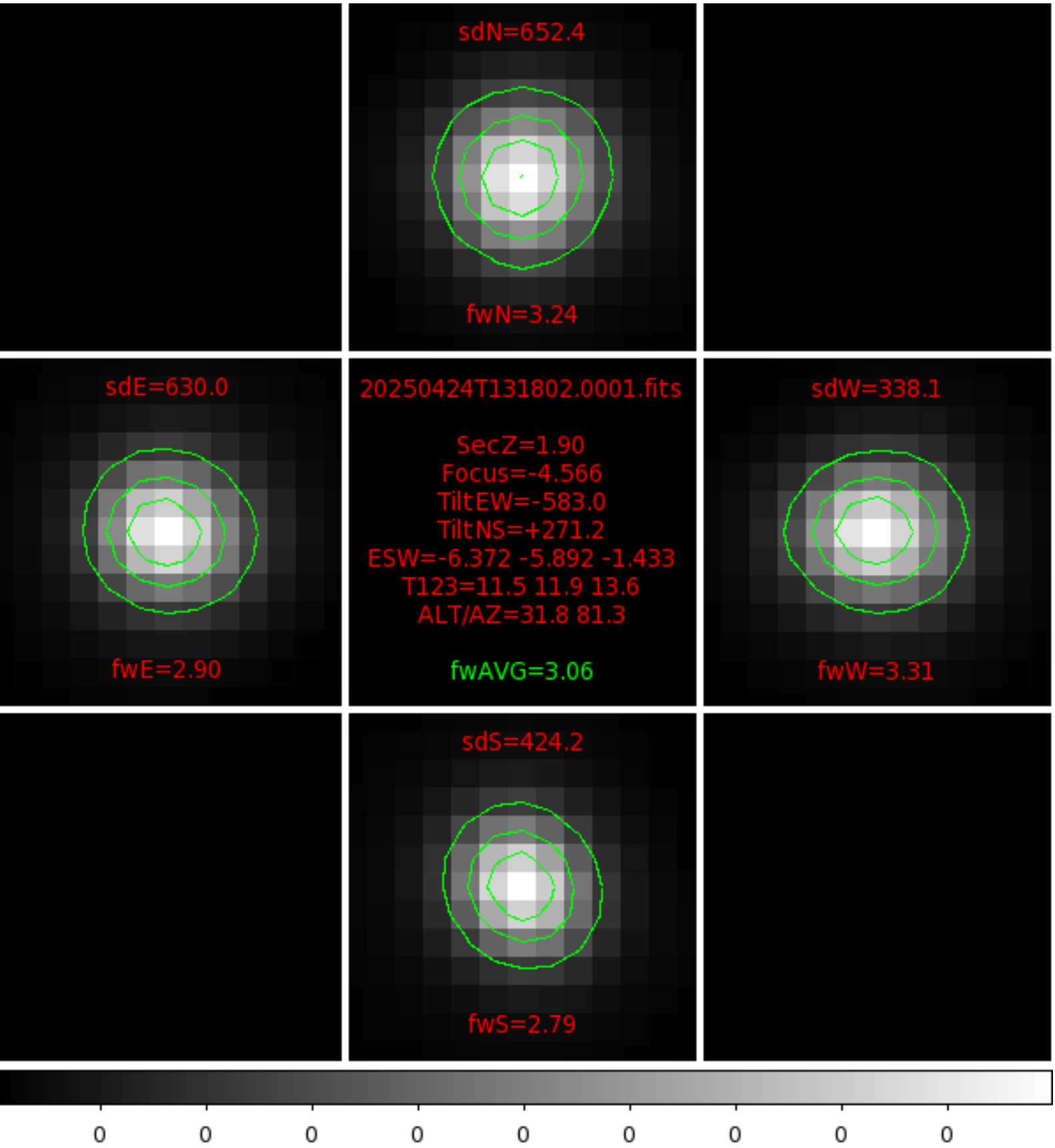
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sdE=630.0
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SecZ=1.90
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TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.5 11.9 13.6
ALT/AZ=31.8 81.3
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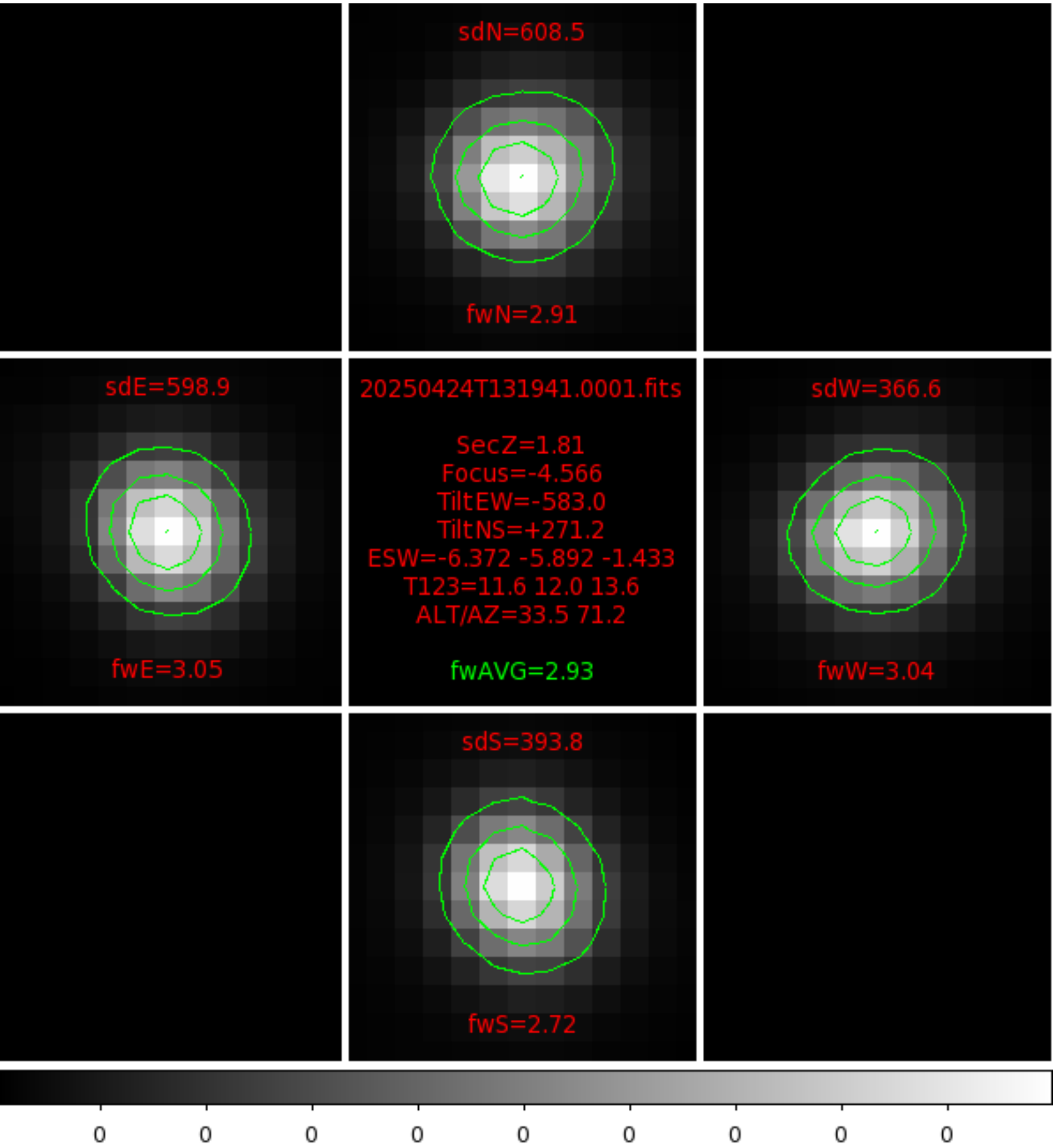
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sdE=598.9
fwE=3.05
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SecZ=1.81
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.6 12.0 13.6
ALT/AZ=33.5 71.2
fwAVG=2.93
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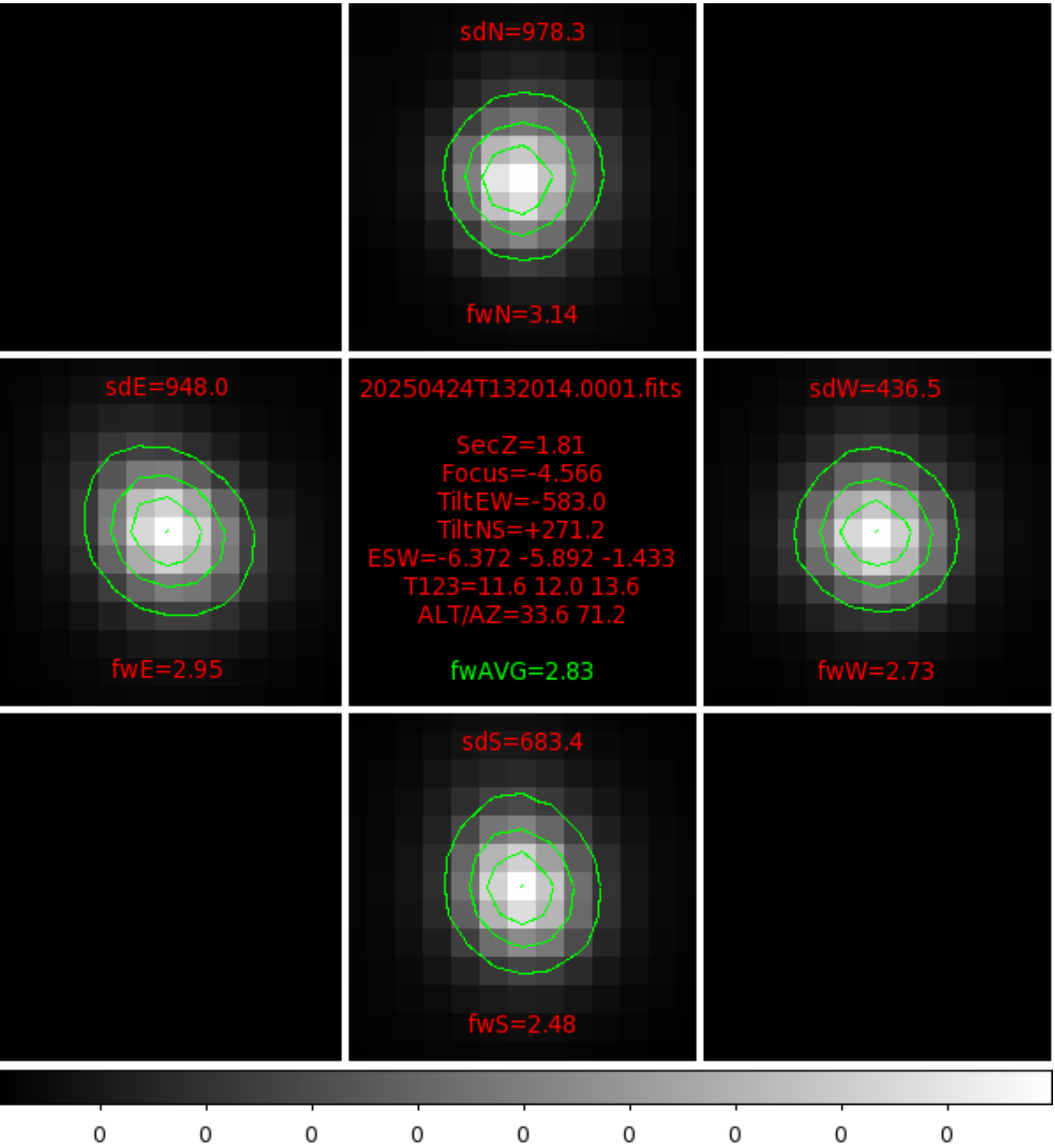
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SecZ=1.81
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.6 12.0 13.6
ALT/AZ=33.6 71.2
fwAVG=2.83
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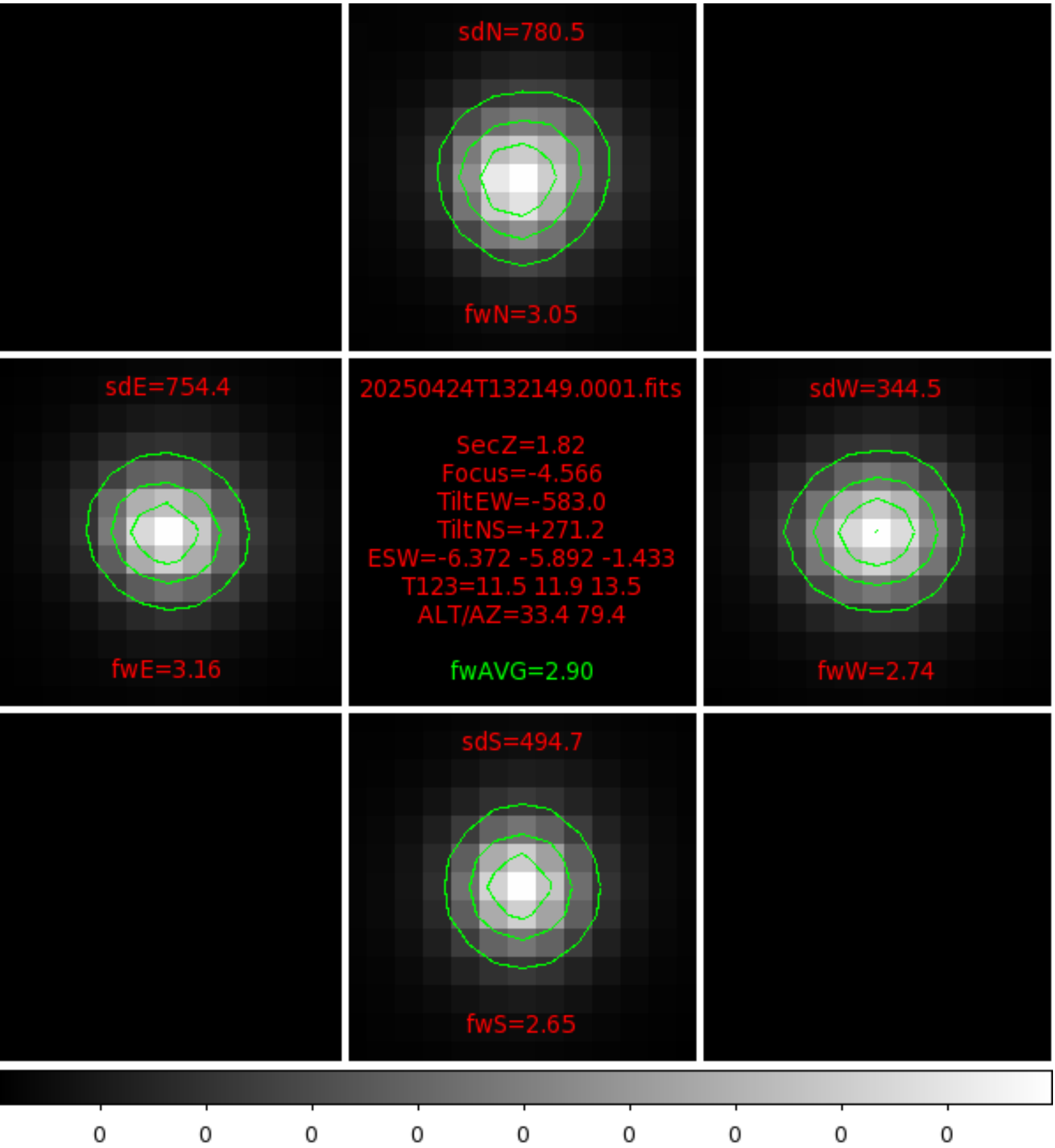
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SecZ=1.82
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TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.5 11.9 13.5
ALT/AZ=33.4 79.4
fwAVG=2.90
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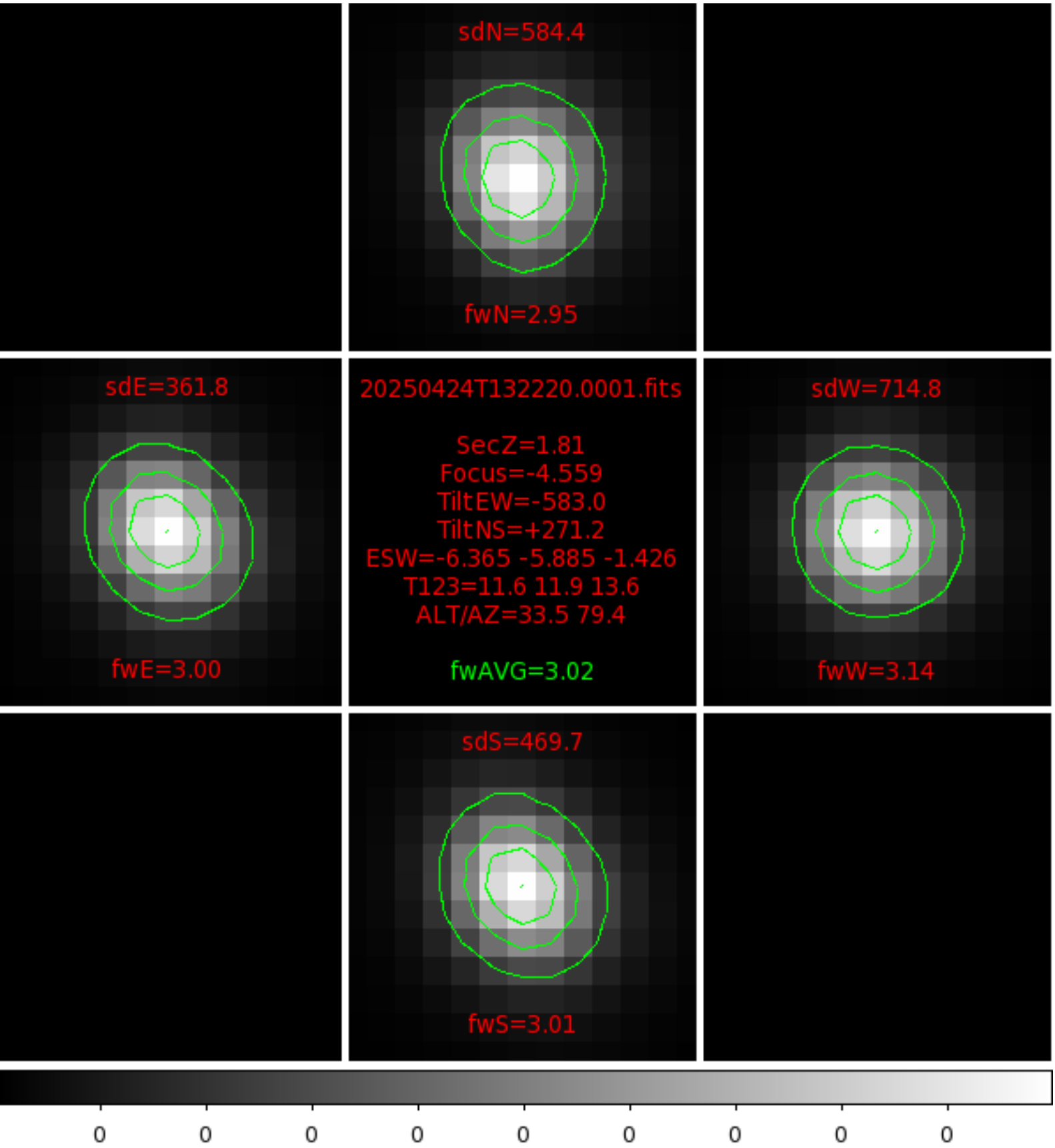
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sdE=361.8
fwE=3.00
20250424T132220.0001.fits
SecZ=1.81
Focus=-4.559
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.6 11.9 13.6
ALT/AZ=33.5 79.4
fwAVG=3.02
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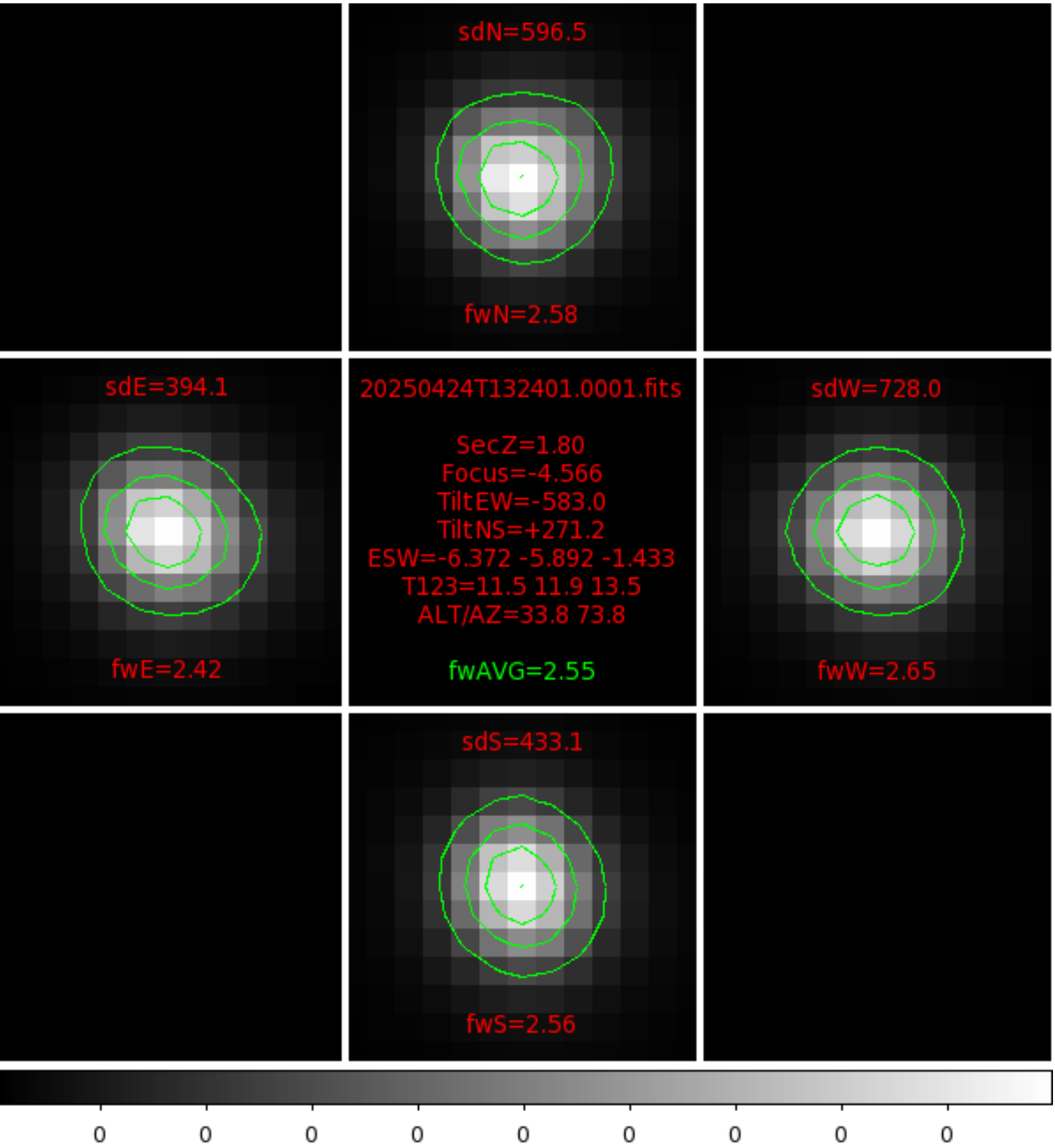
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SecZ=1.80
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.372 -5.892 -1.433
T123=11.5 11.9 13.5
ALT/AZ=33.8 73.8
fwAVG=2.55
sdW=728.0
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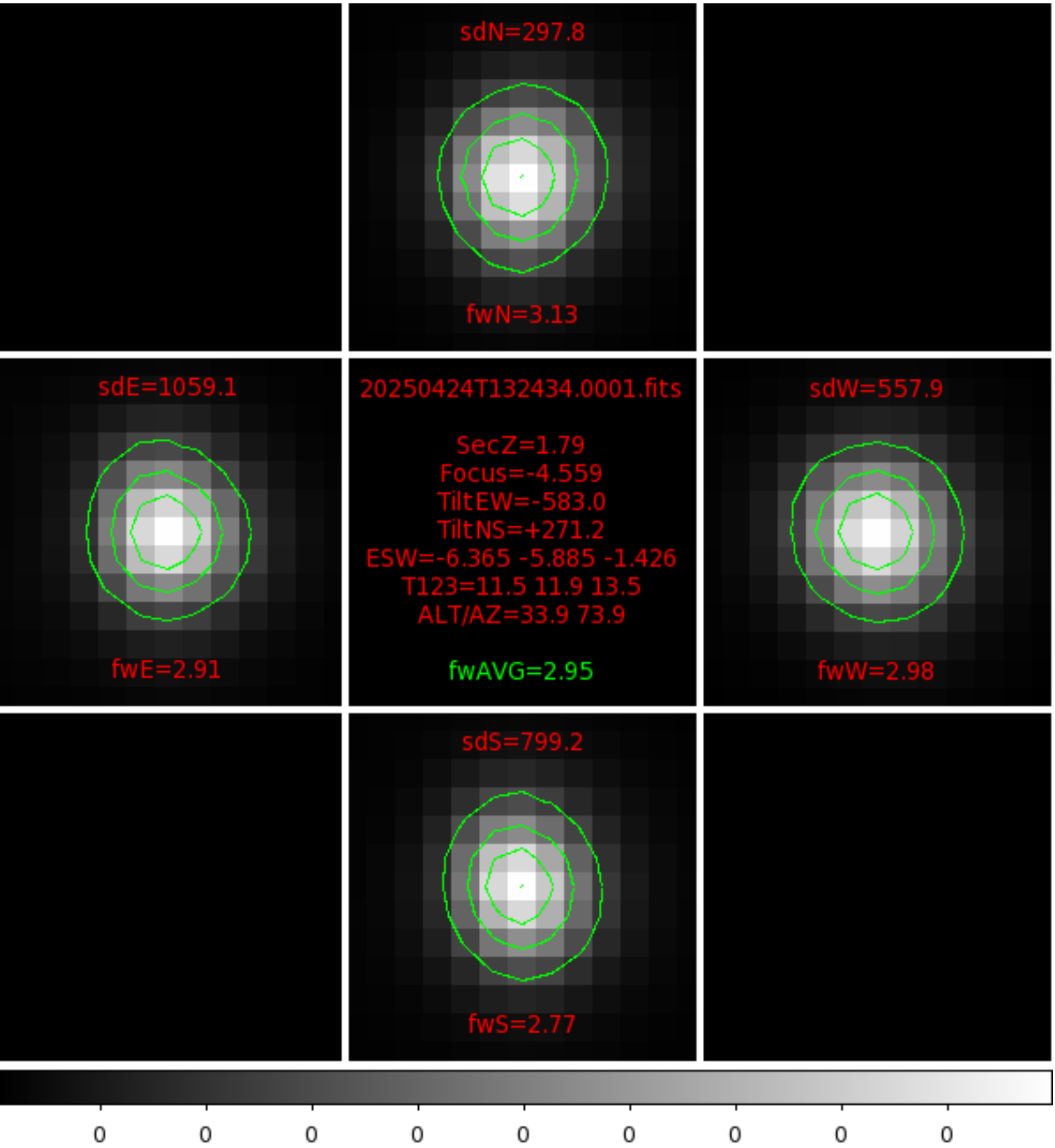
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fwE=2.91
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SecZ=1.79
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.5 11.9 13.5
ALT/AZ=33.9 73.9
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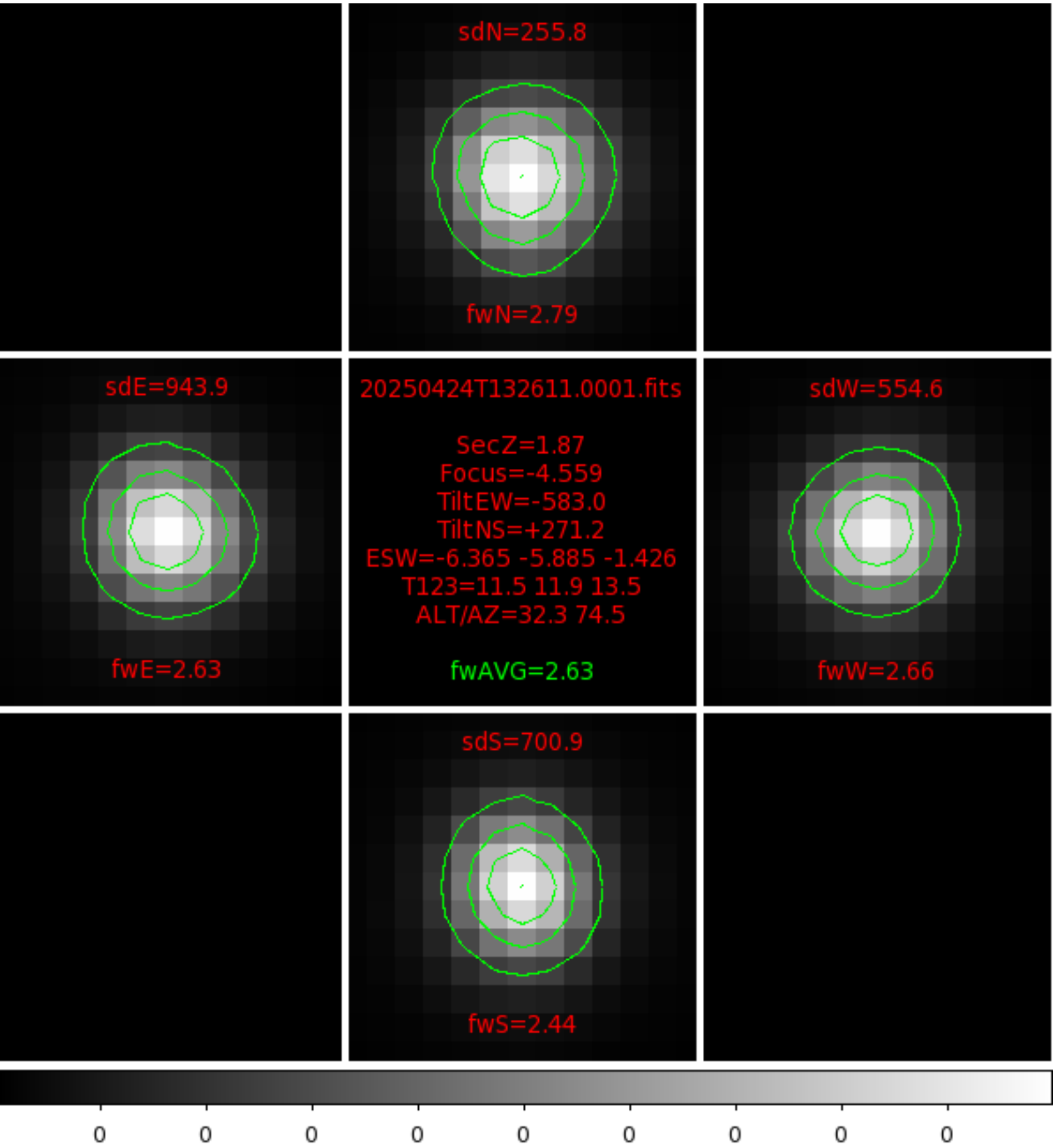
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TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.5 11.9 13.5
ALT/AZ=32.3 74.5
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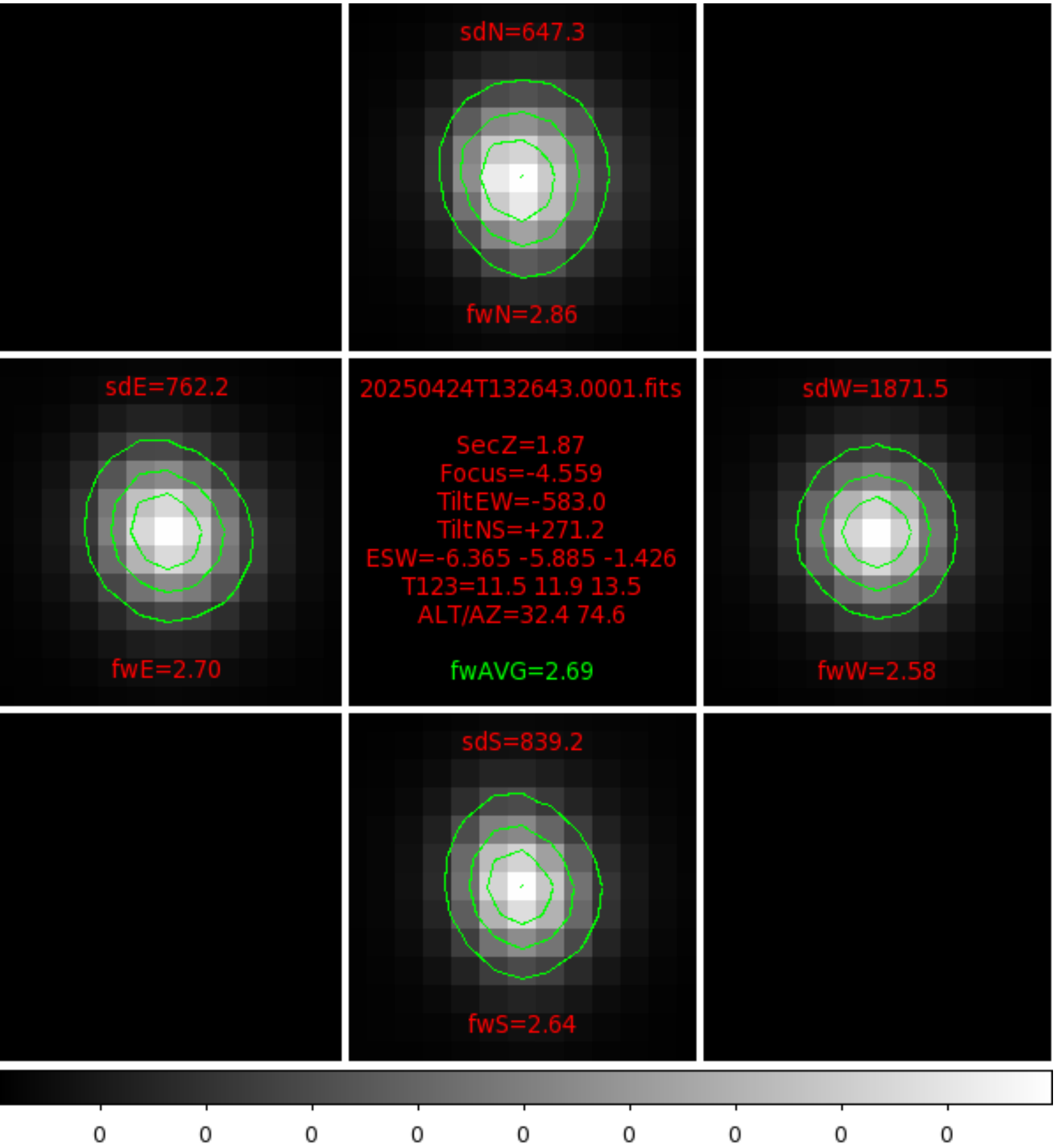
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20250424T132643.0001.fits
SecZ=1.87
Focus=-4.559
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TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.5 11.9 13.5
ALT/AZ=32.4 74.6
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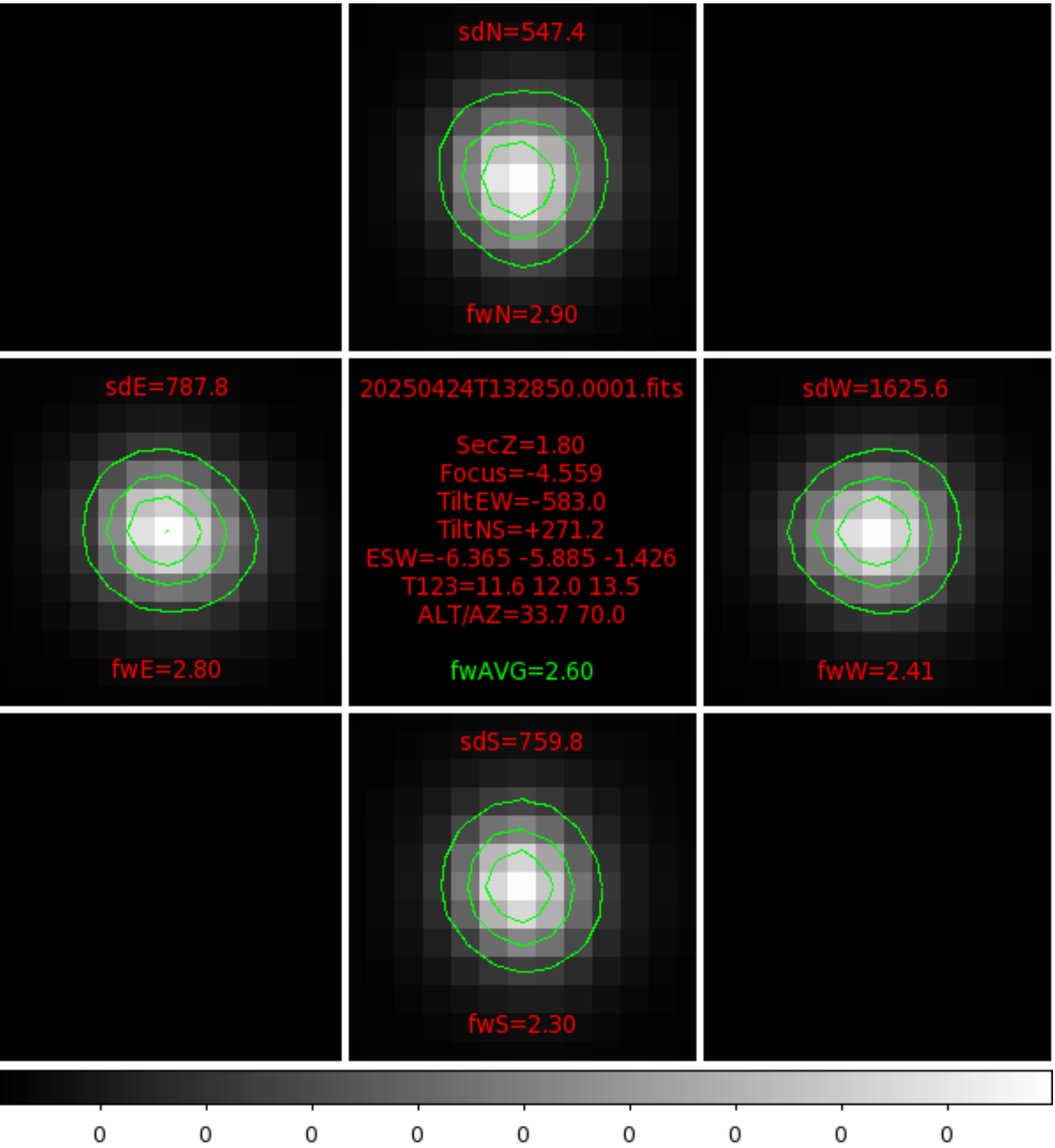
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SecZ=1.80
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ESW=-6.365 -5.885 -1.426
T123=11.6 12.0 13.5
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fwAVG=2.60
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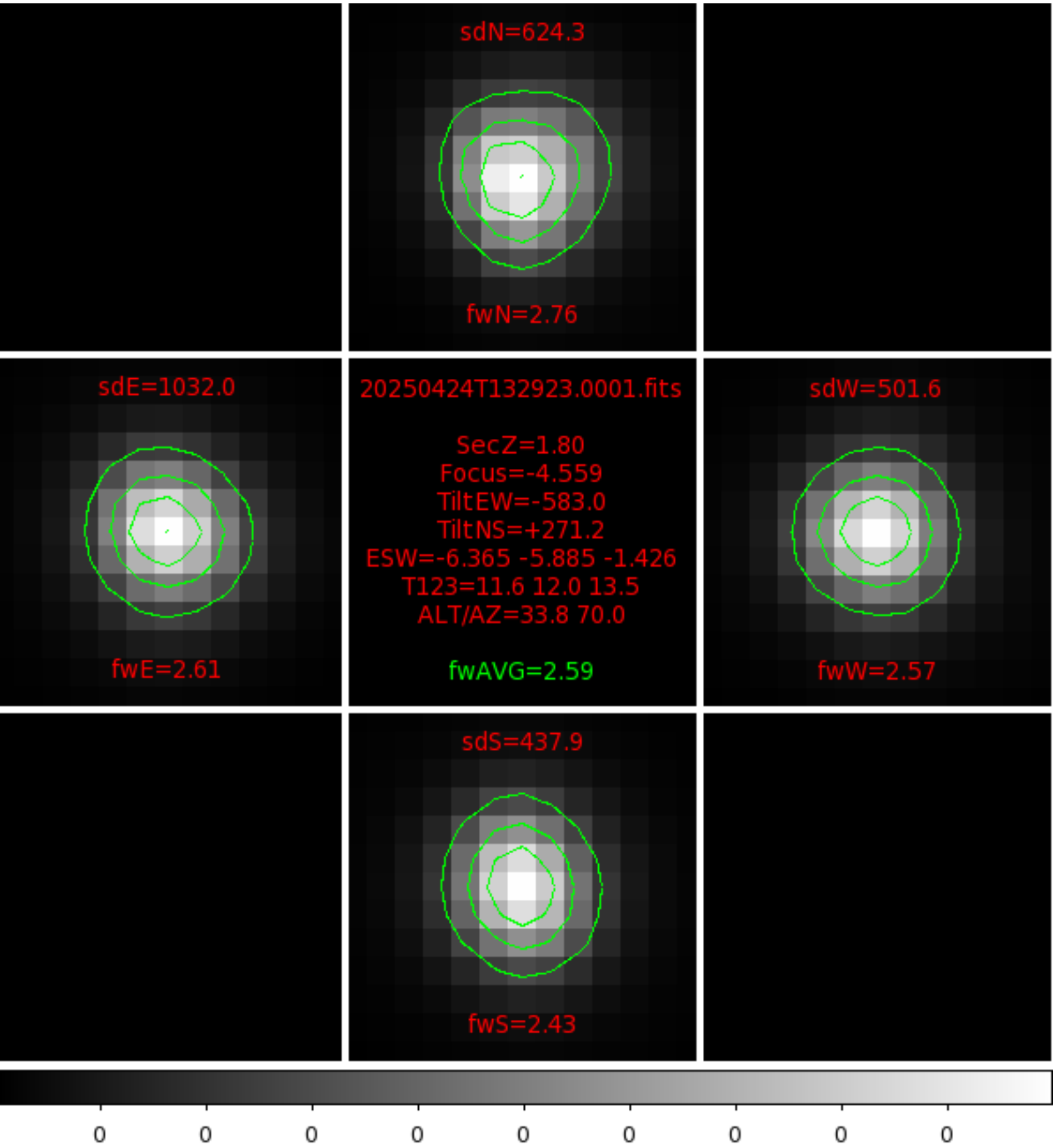
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TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.6 12.0 13.5
ALT/AZ=33.8 70.0
fwAVG=2.59
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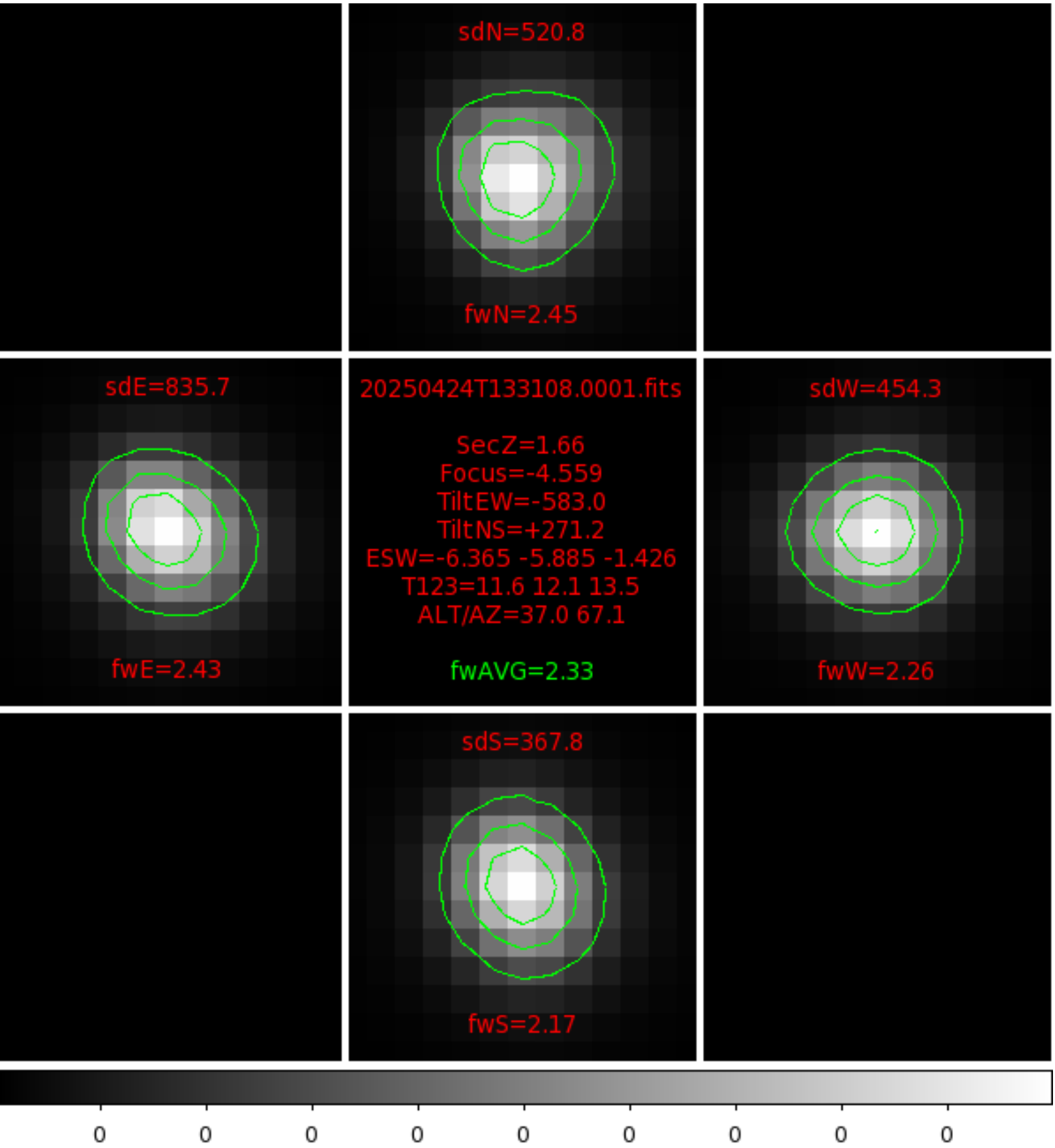
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SecZ=1.66
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TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.6 12.1 13.5
ALT/AZ=37.0 67.1
fwAVG=2.33
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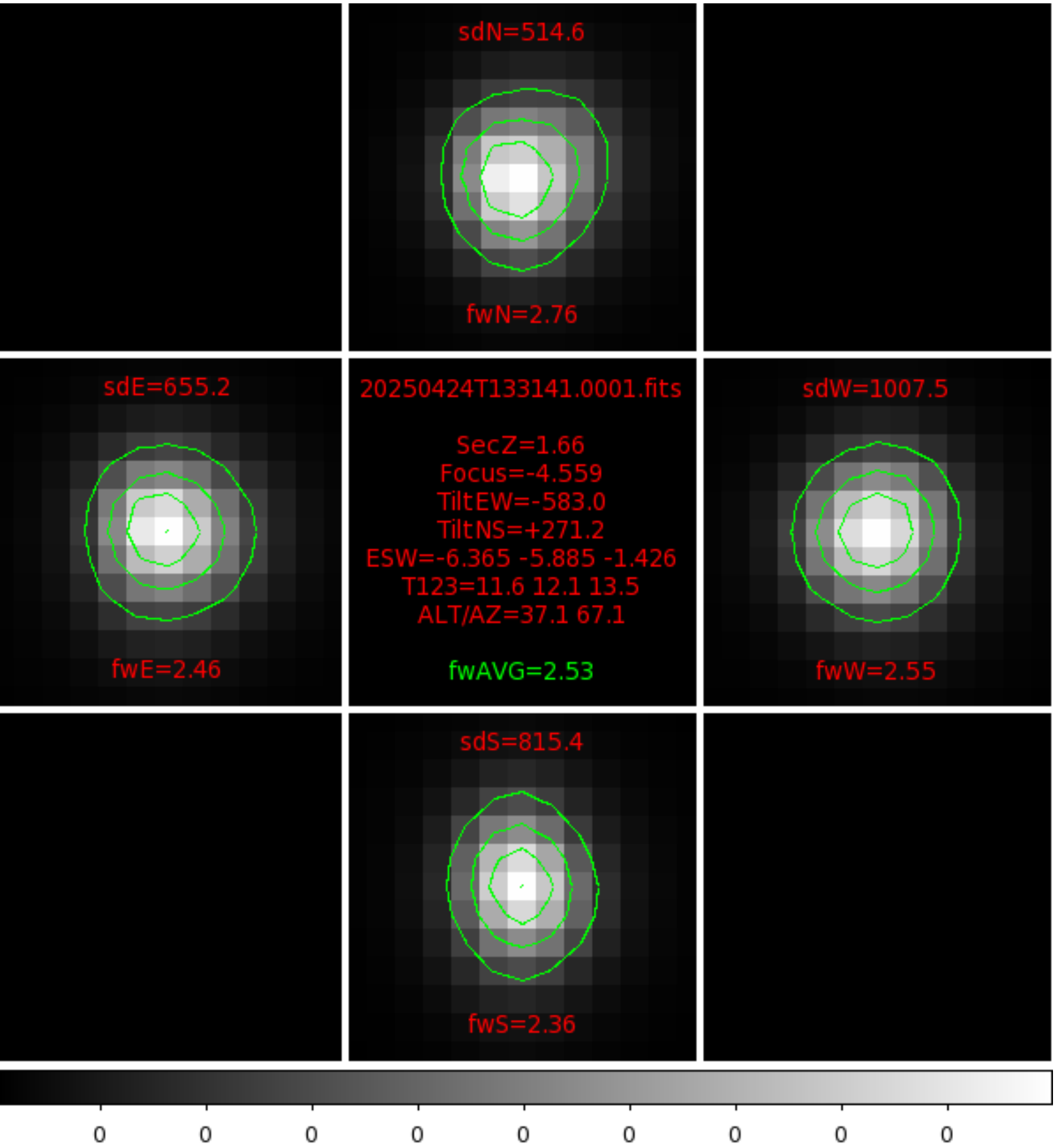
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TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.6 12.1 13.5
ALT/AZ=37.1 67.1
fwAVG=2.53
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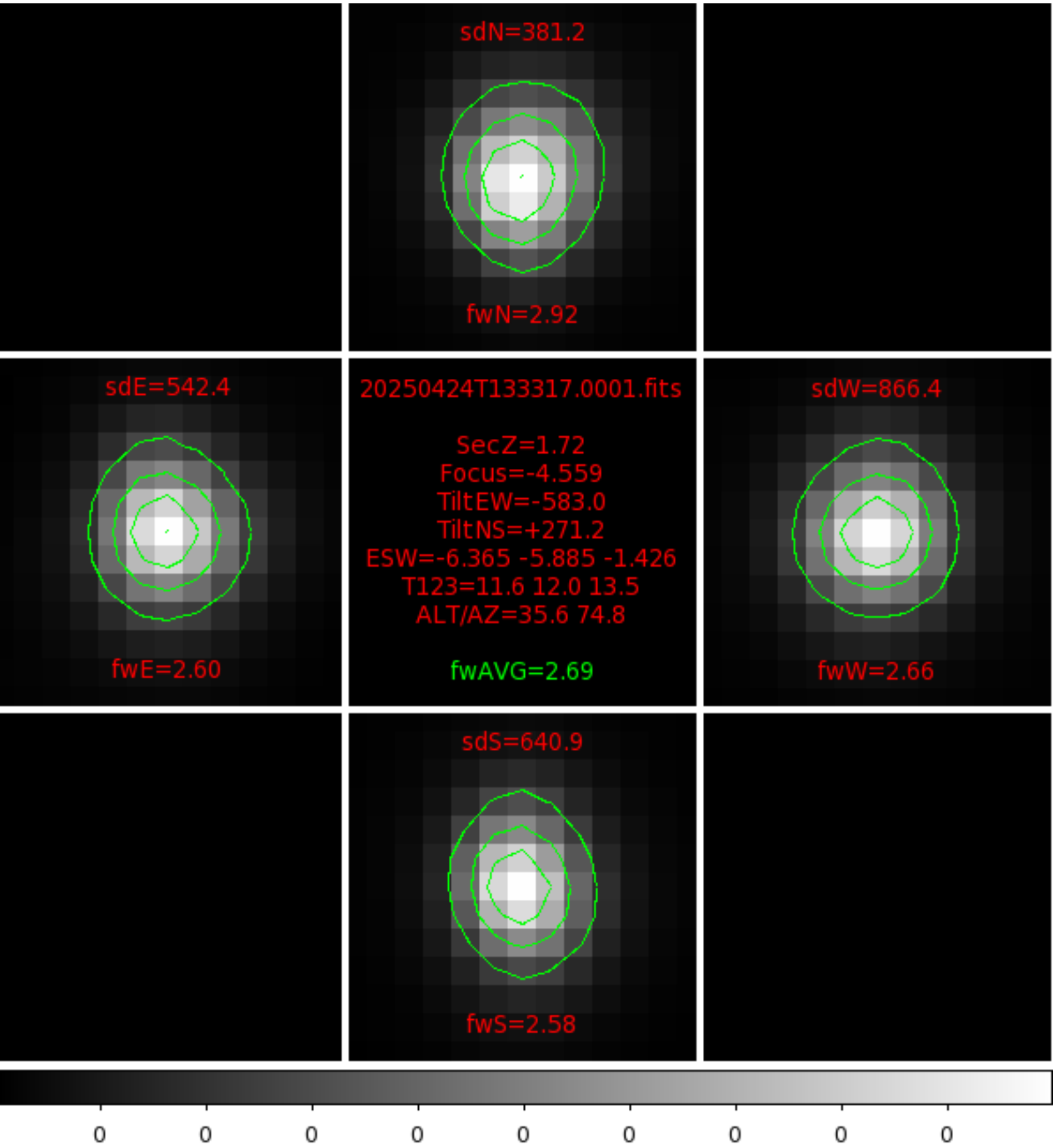
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sdE=542.4
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SecZ=1.72
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.6 12.0 13.5
ALT/AZ=35.6 74.8
fwAVG=2.69
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sdS=640.9
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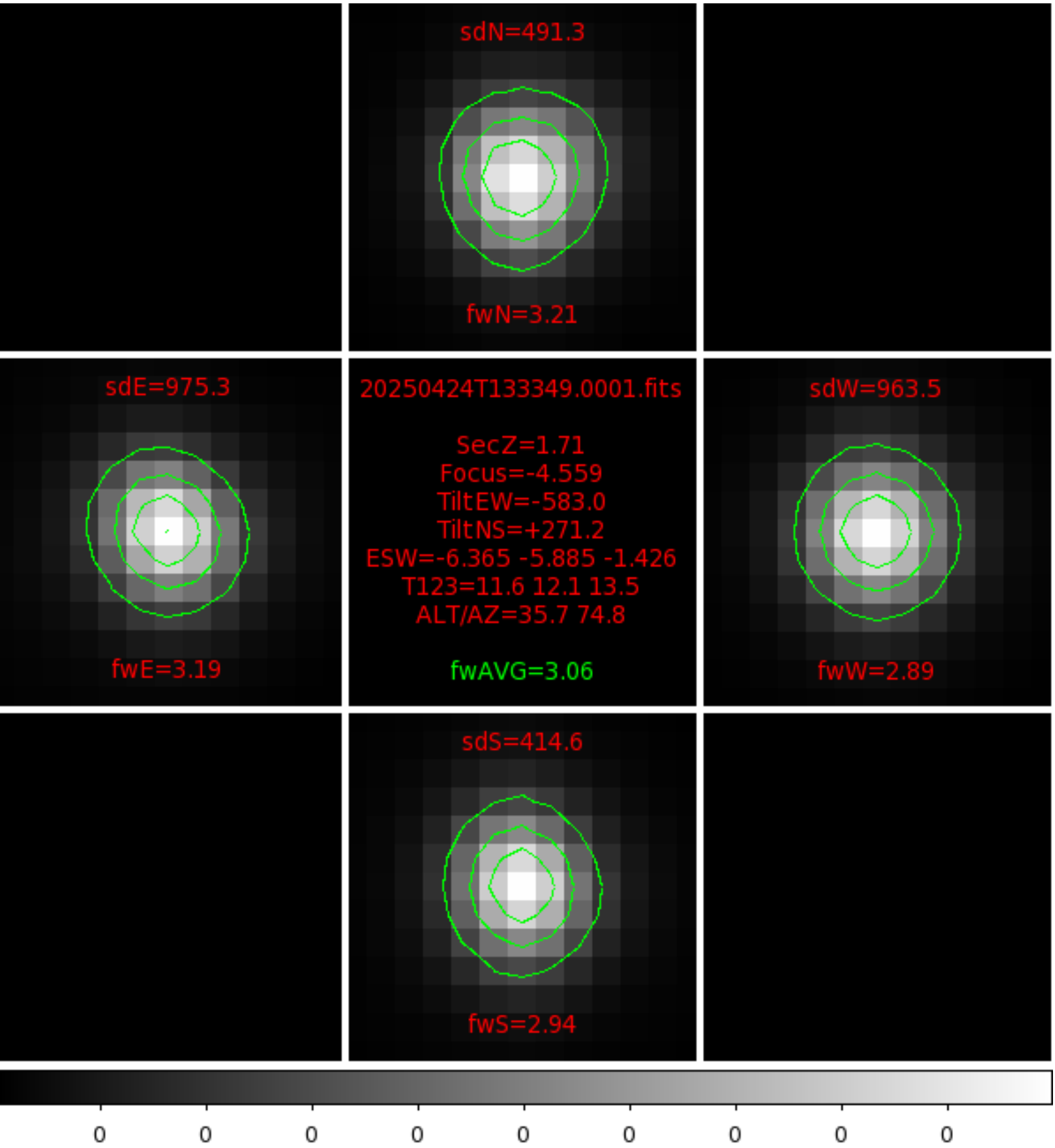
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SecZ=1.71
Focus=-4.559
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.6 12.1 13.5
ALT/AZ=35.7 74.8
fwAVG=3.06
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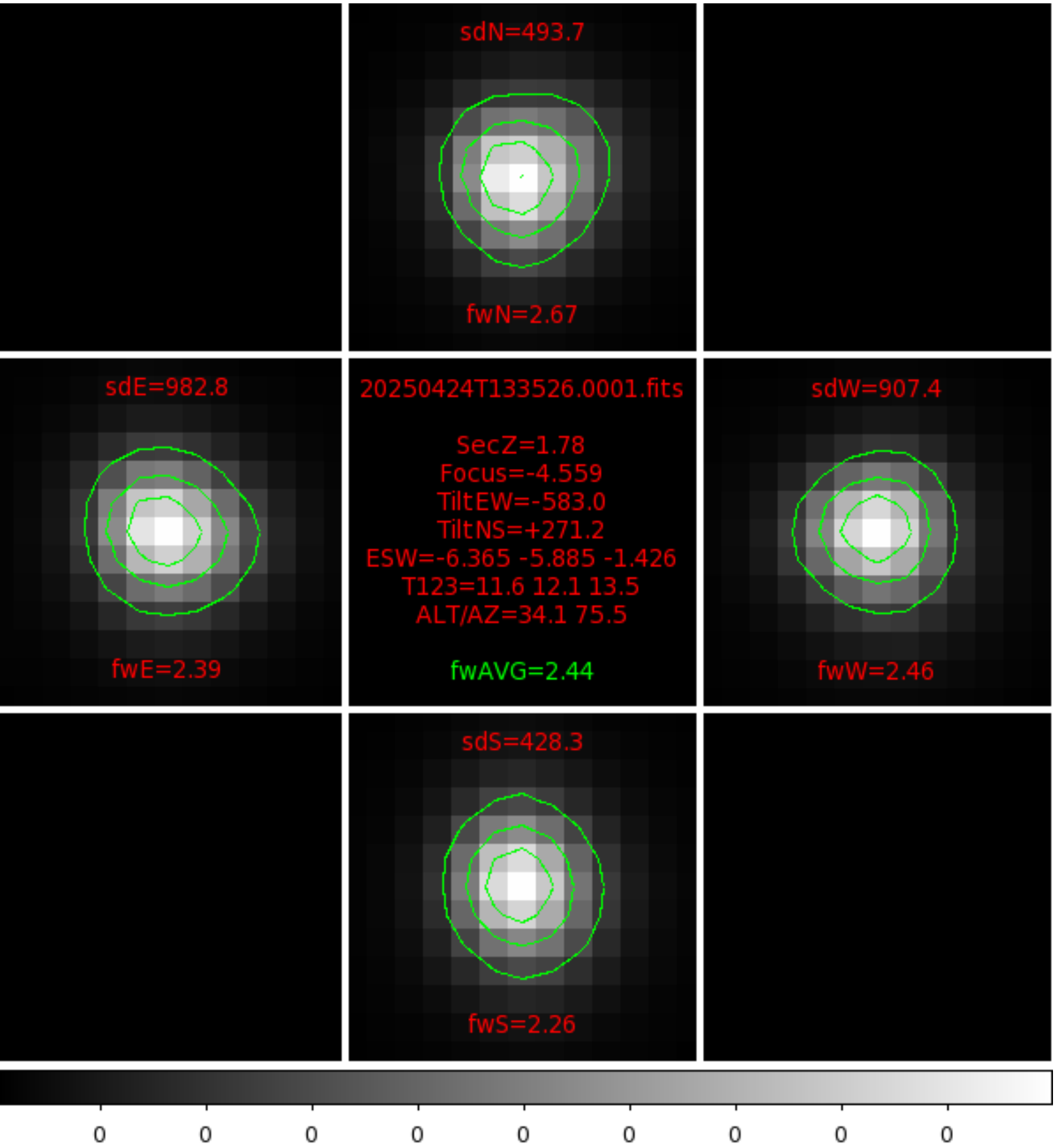
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sdE=982.8
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SecZ=1.78
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.6 12.1 13.5
ALT/AZ=34.1 75.5
fwAVG=2.44
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sdS=428.3
fwS=2.26
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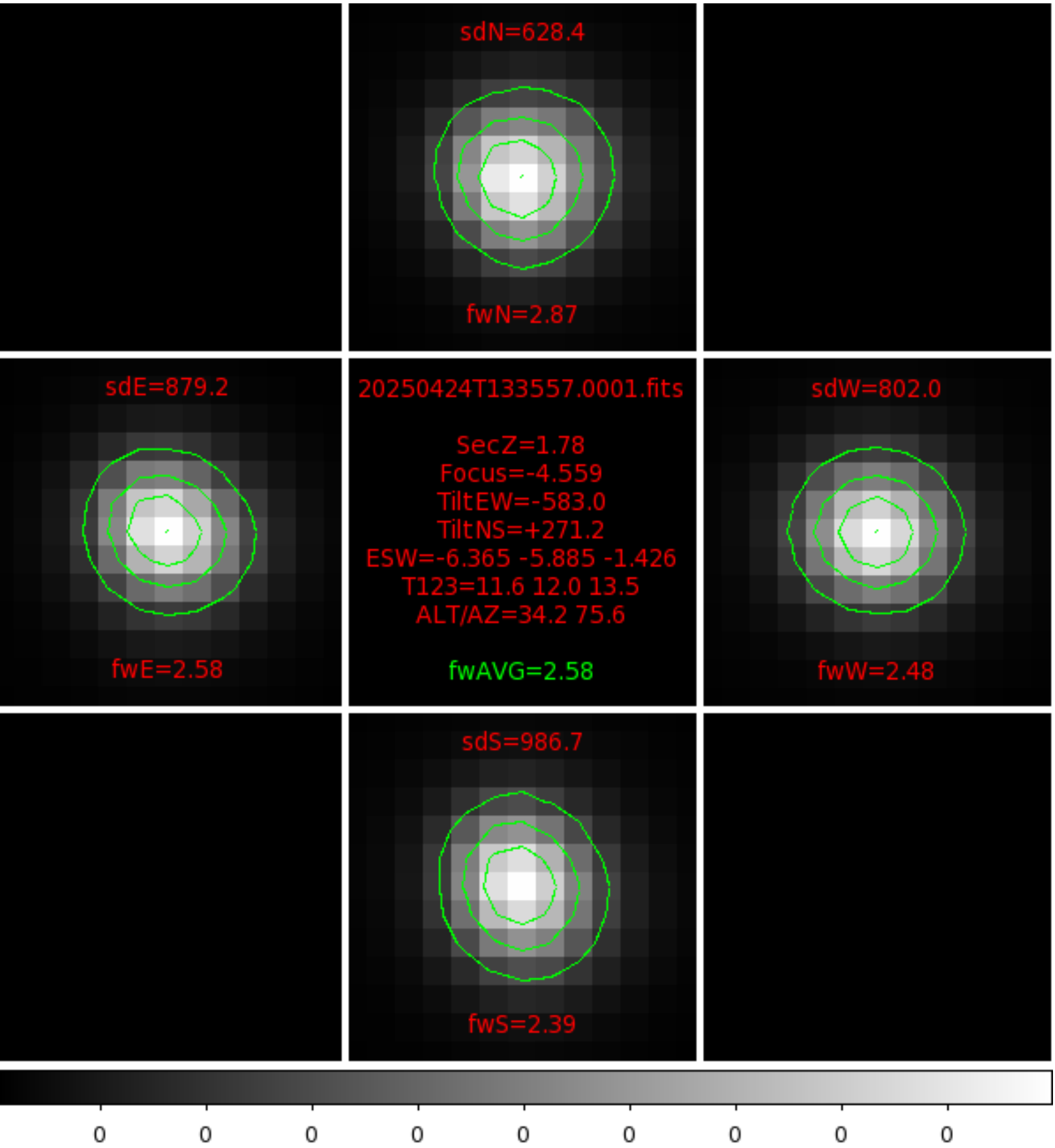
sdN=628.4
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sdE=879.2
fwE=2.58
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SecZ=1.78
Focus=-4.559
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.6 12.0 13.5
ALT/AZ=34.2 75.6
fwAVG=2.58
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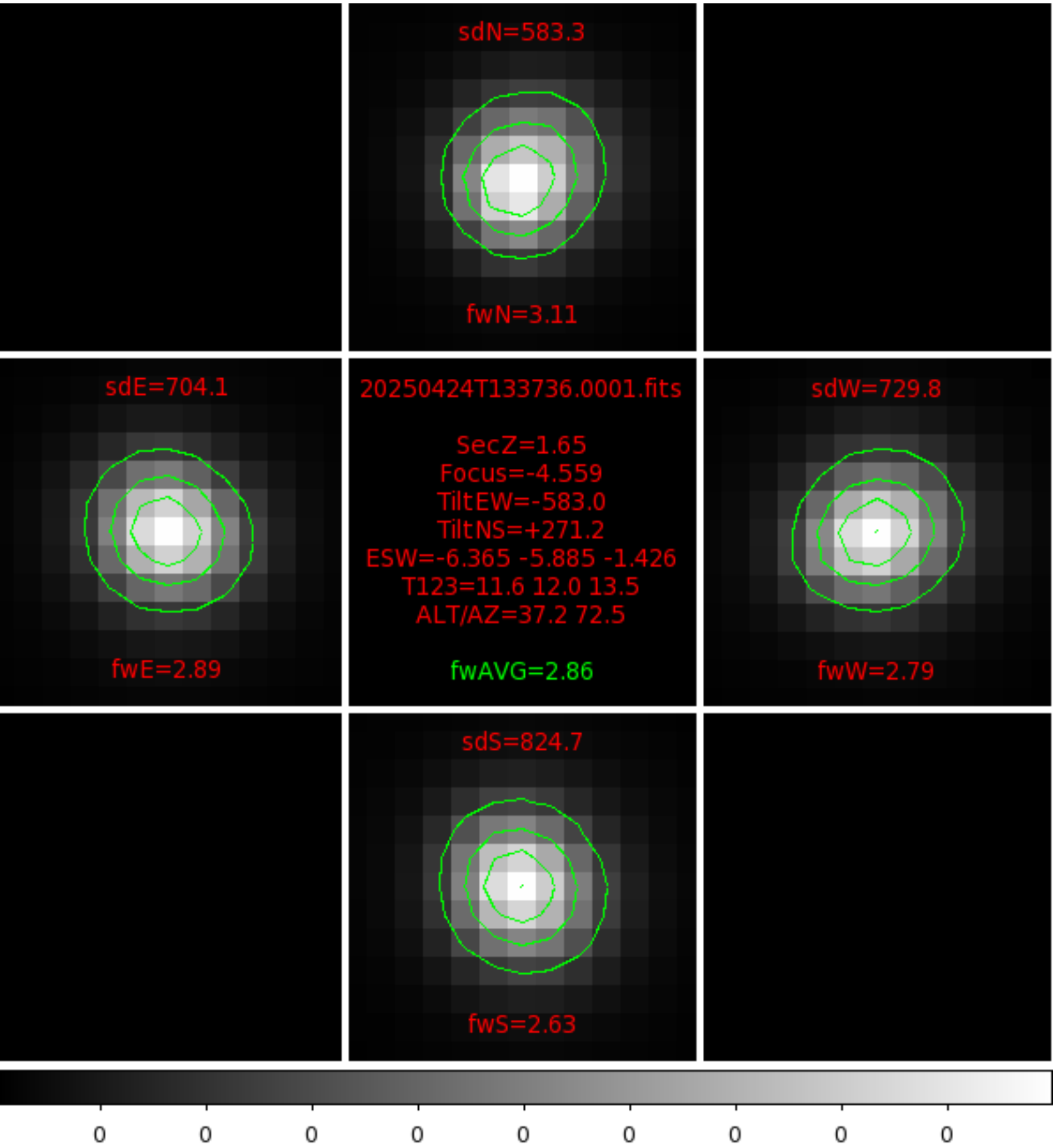
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20250424T133736.0001.fits
SecZ=1.65
Focus=-4.559
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.6 12.0 13.5
ALT/AZ=37.2 72.5
fwAVG=2.86
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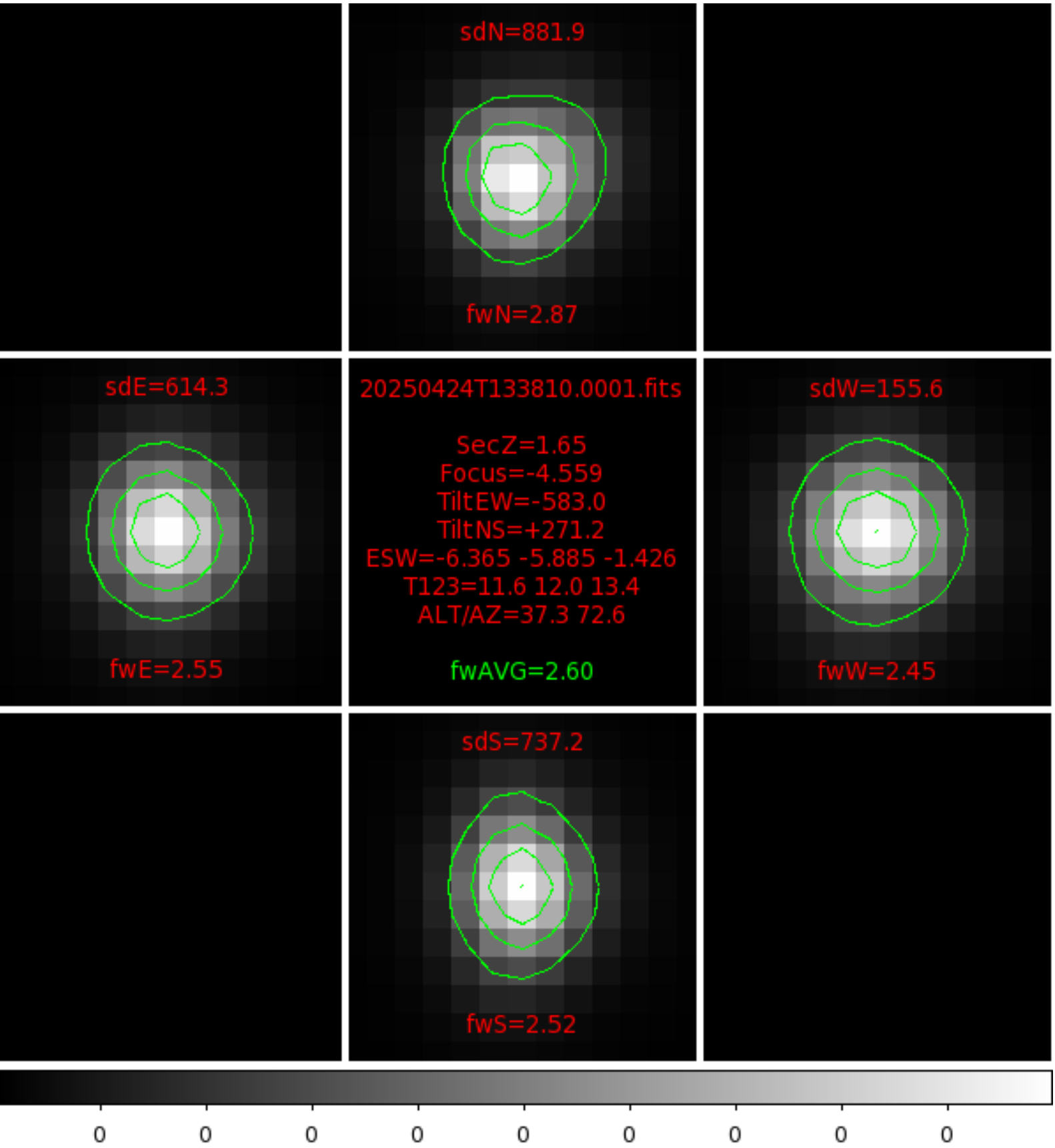
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sdE=614.3
fwE=2.55
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SecZ=1.65
Focus=-4.559
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.365 -5.885 -1.426
T123=11.6 12.0 13.4
ALT/AZ=37.3 72.6
fwAVG=2.60
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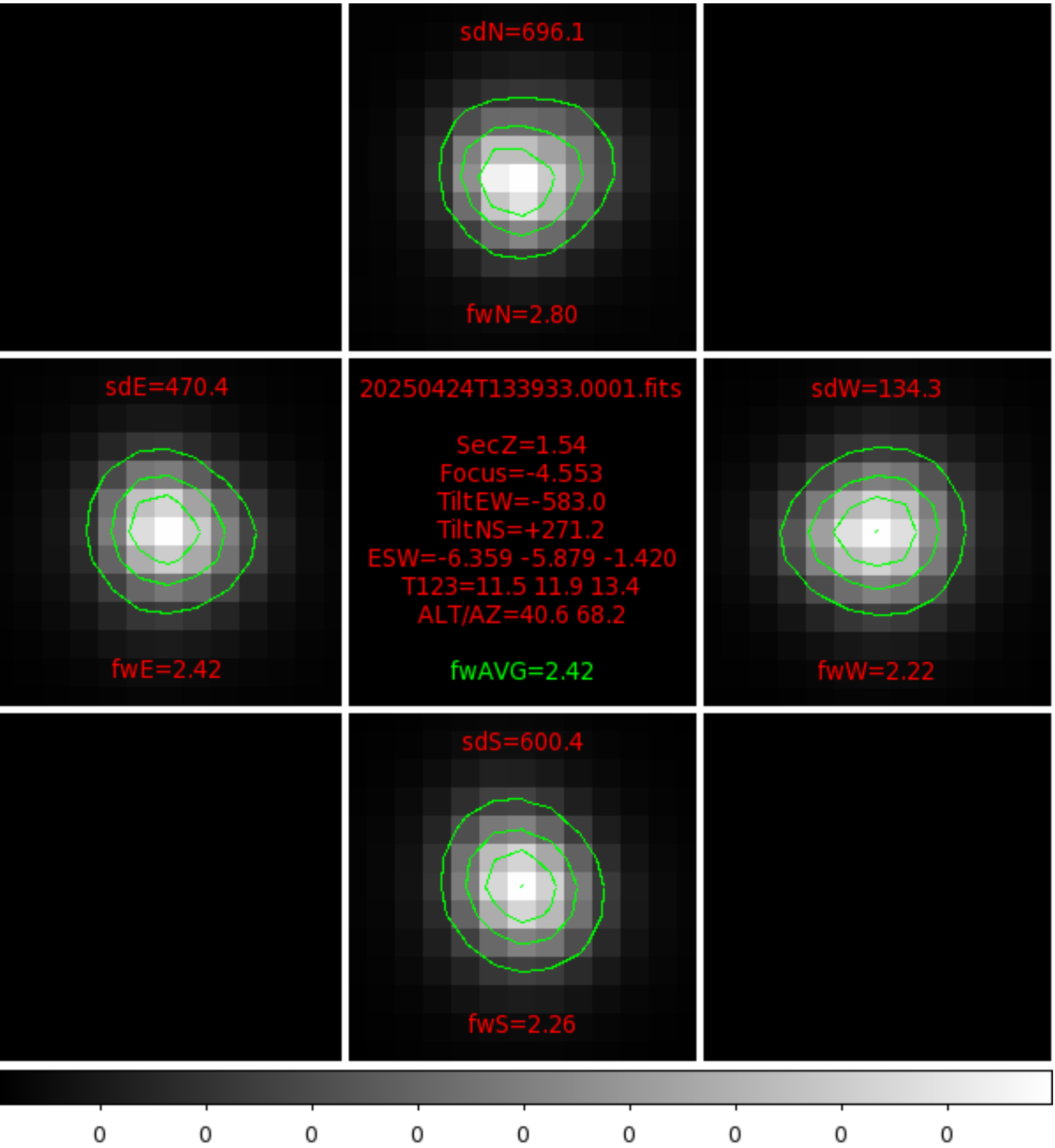
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fwE=2.42
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SecZ=1.54
Focus=-4.553
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.359 -5.879 -1.420
T123=11.5 11.9 13.4
ALT/AZ=40.6 68.2
fwAVG=2.42
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sdS=600.4
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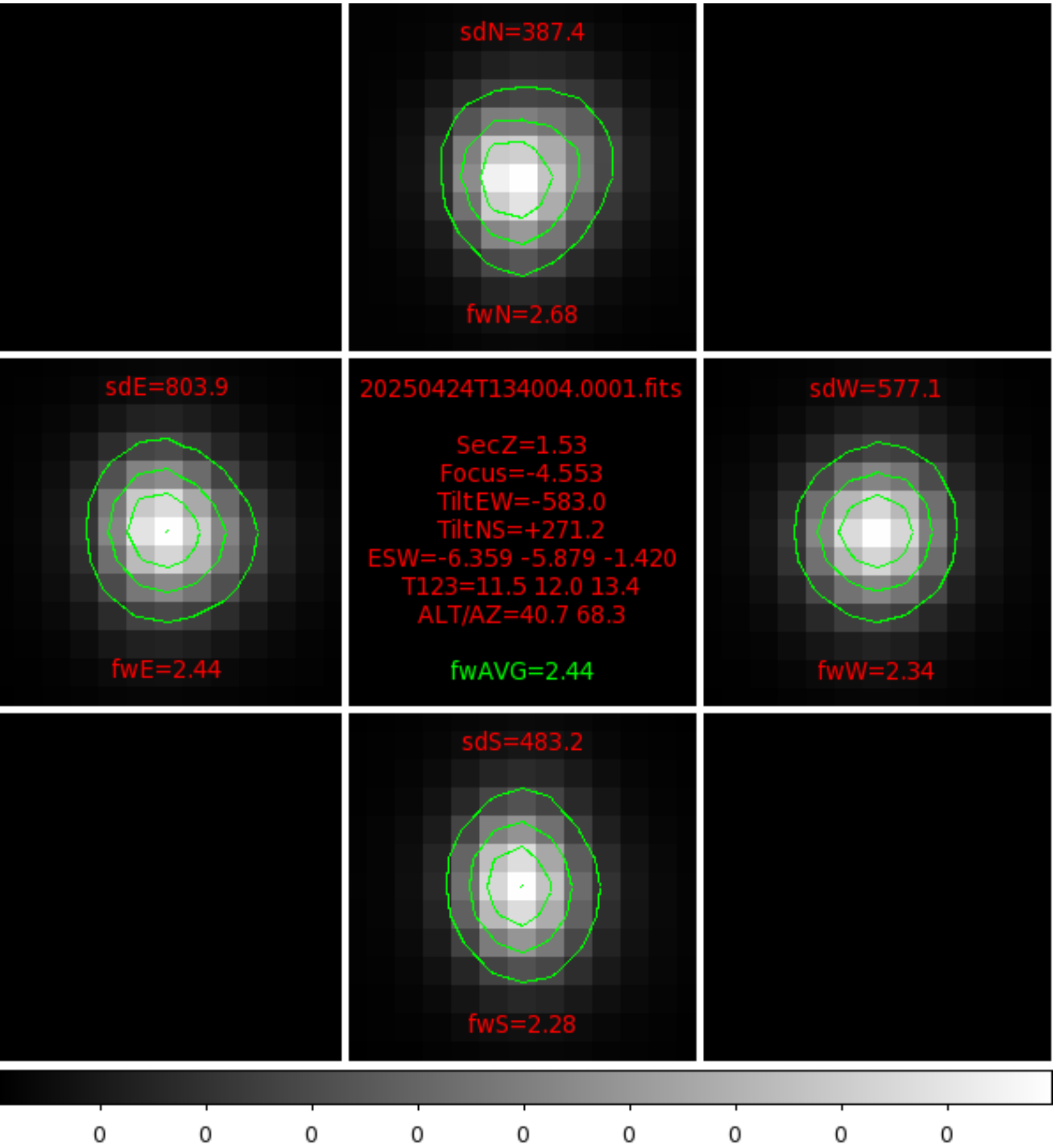
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fwE=2.44
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SecZ=1.53
Focus=-4.553
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.359 -5.879 -1.420
T123=11.5 12.0 13.4
ALT/AZ=40.7 68.3
fwAVG=2.44
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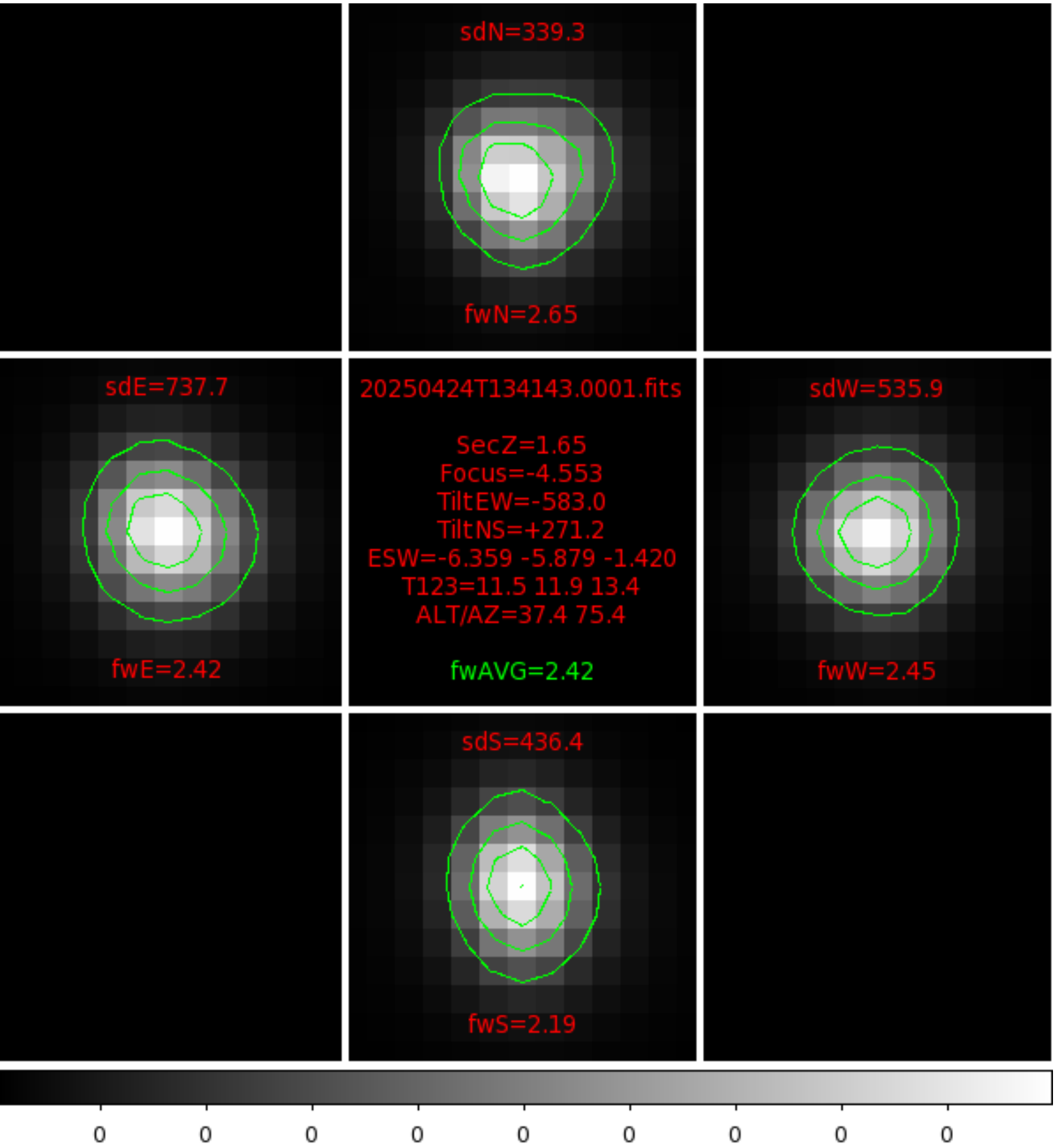
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fwE=2.42
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SecZ=1.65
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.359 -5.879 -1.420
T123=11.5 11.9 13.4
ALT/AZ=37.4 75.4
fwAVG=2.42
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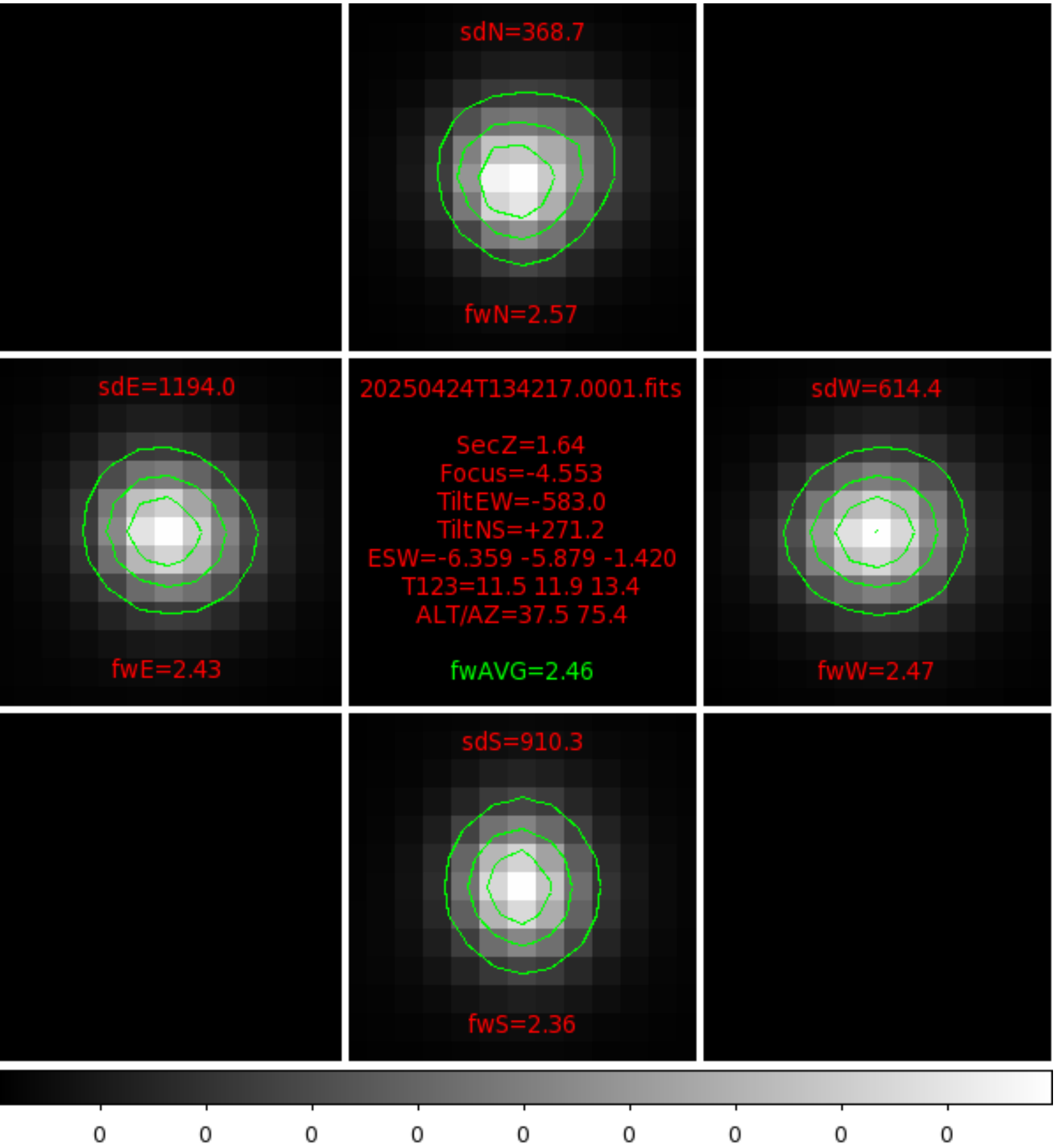
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SecZ=1.64
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TiltNS=+271.2
ESW=-6.359 -5.879 -1.420
T123=11.5 11.9 13.4
ALT/AZ=37.5 75.4
fwAVG=2.46
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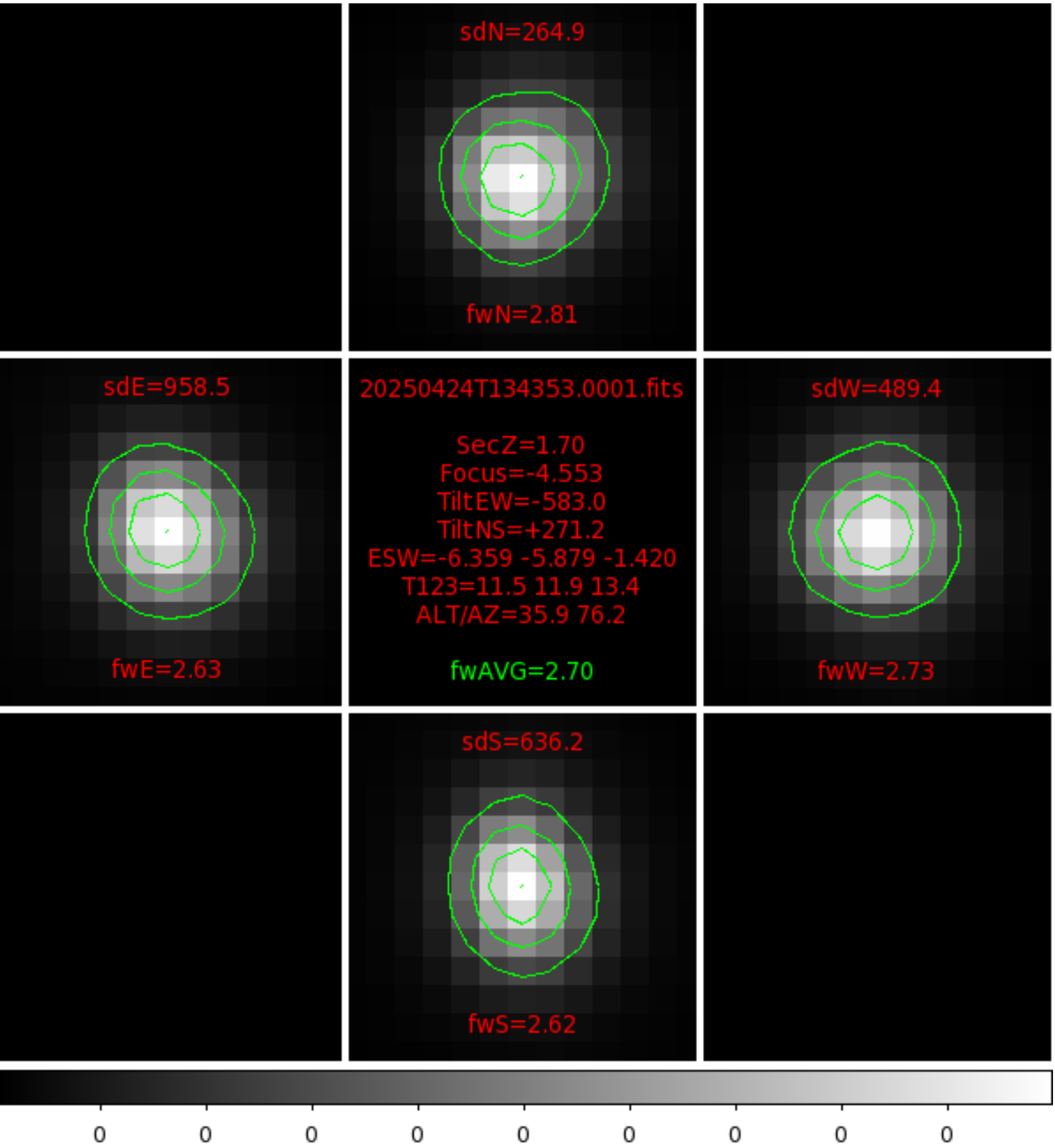
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sdE=958.5
fwE=2.63
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.359 -5.879 -1.420
T123=11.5 11.9 13.4
ALT/AZ=35.9 76.2
fwAVG=2.70
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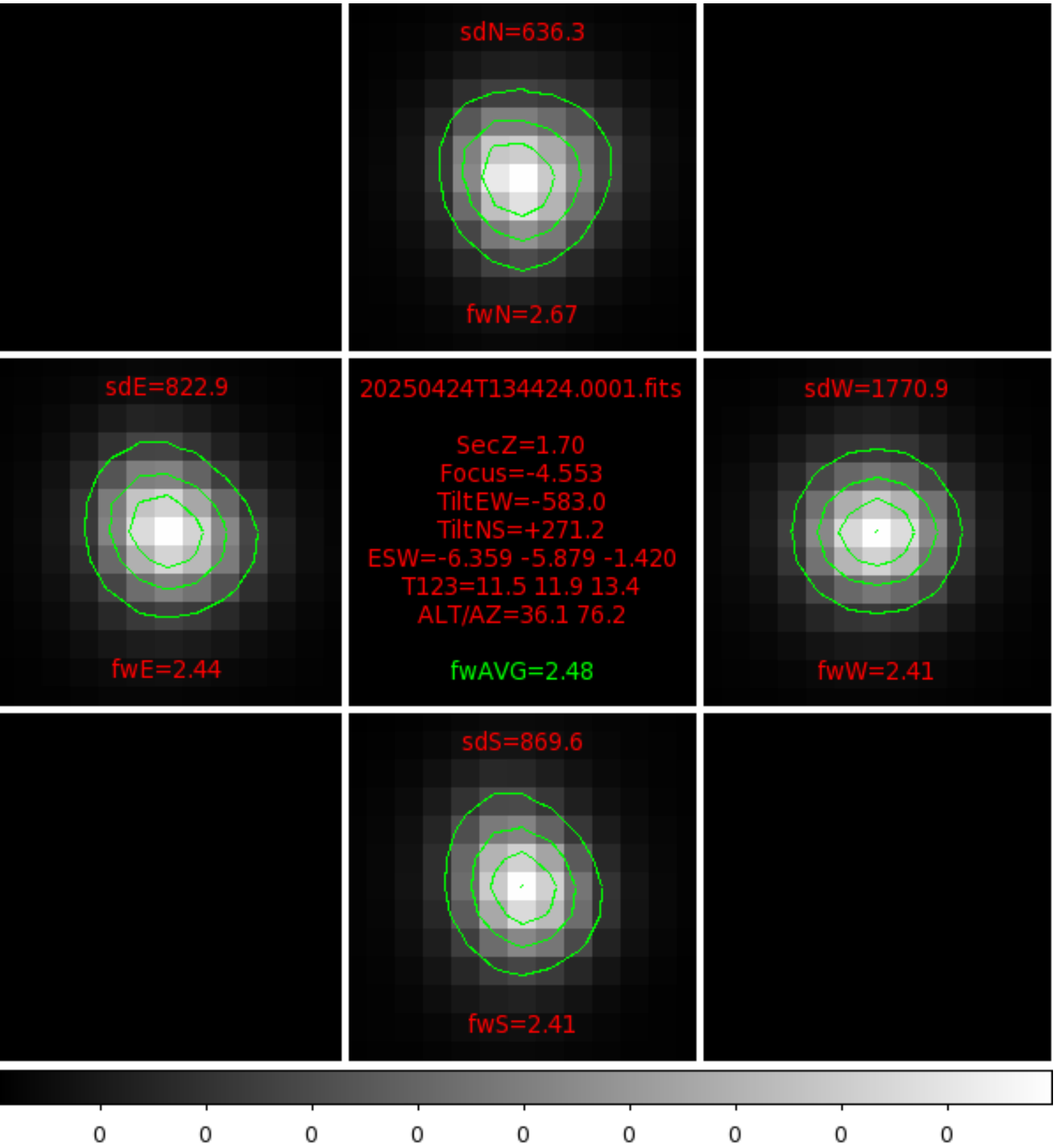
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SecZ=1.70
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ESW=-6.359 -5.879 -1.420
T123=11.5 11.9 13.4
ALT/AZ=36.1 76.2
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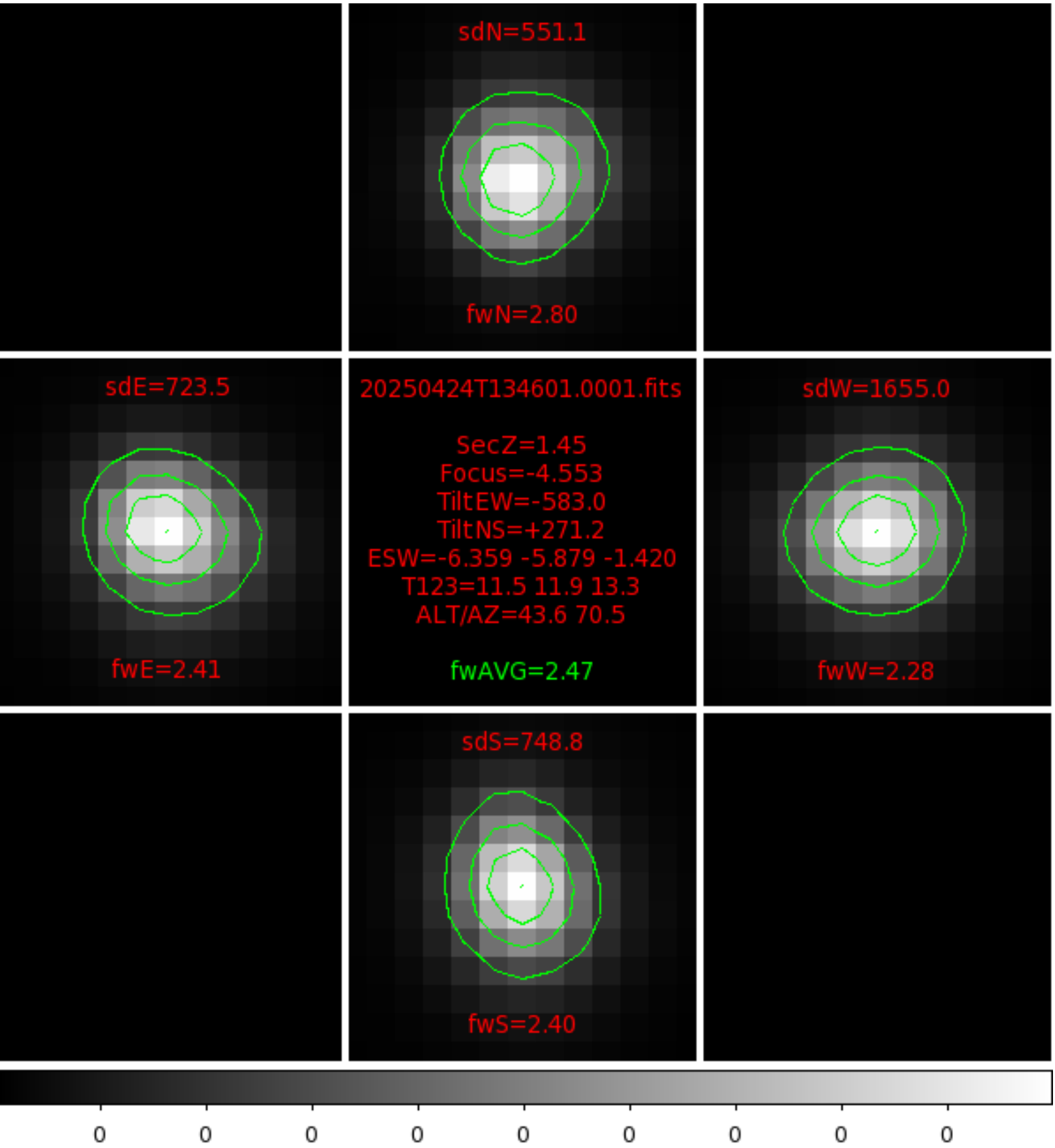
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SecZ=1.45
Focus=-4.553
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ESW=-6.359 -5.879 -1.420
T123=11.5 11.9 13.3
ALT/AZ=43.6 70.5
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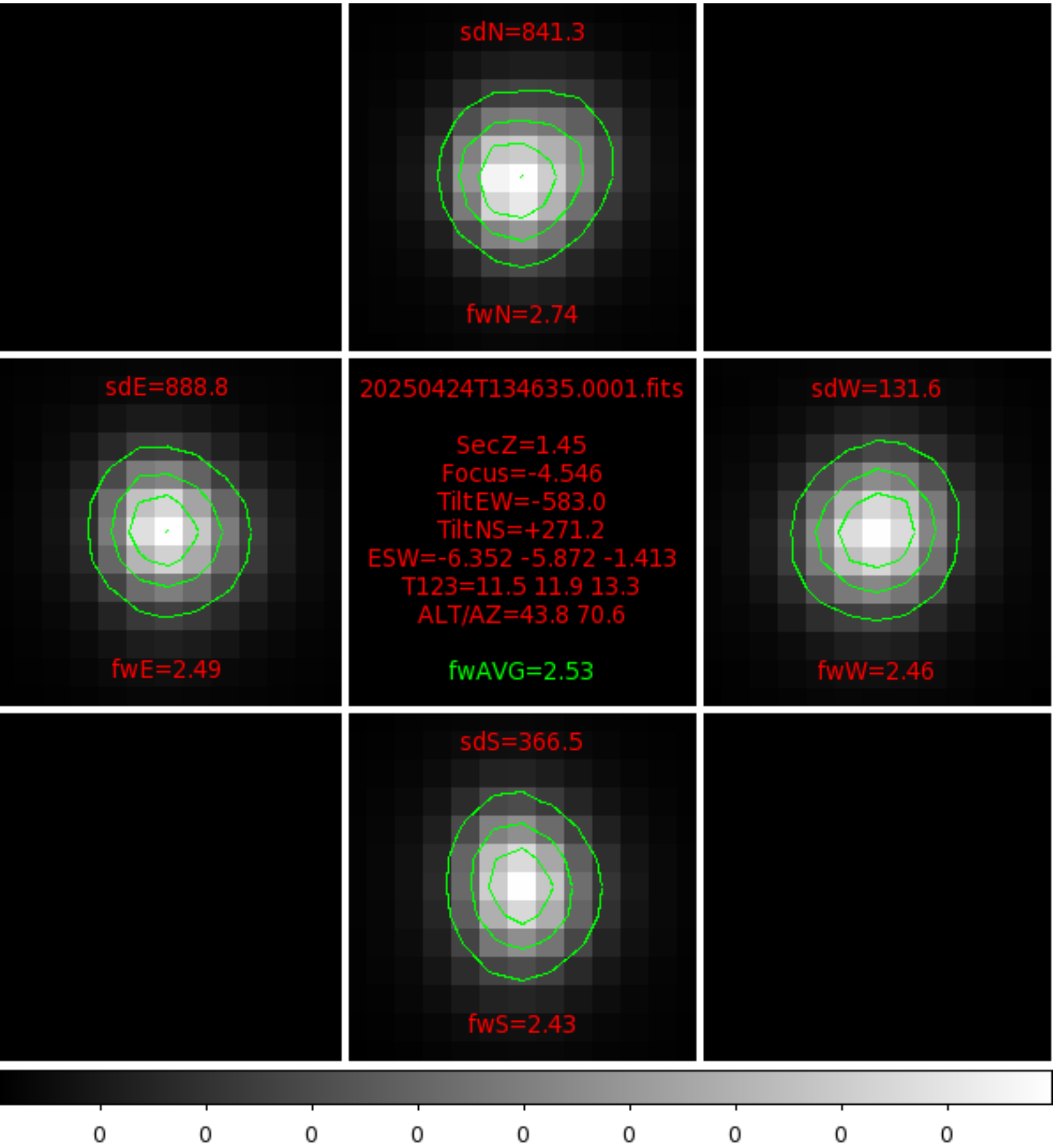
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sdE=888.8
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SecZ=1.45
Focus=-4.546
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.352 -5.872 -1.413
T123=11.5 11.9 13.3
ALT/AZ=43.8 70.6
fwAVG=2.53
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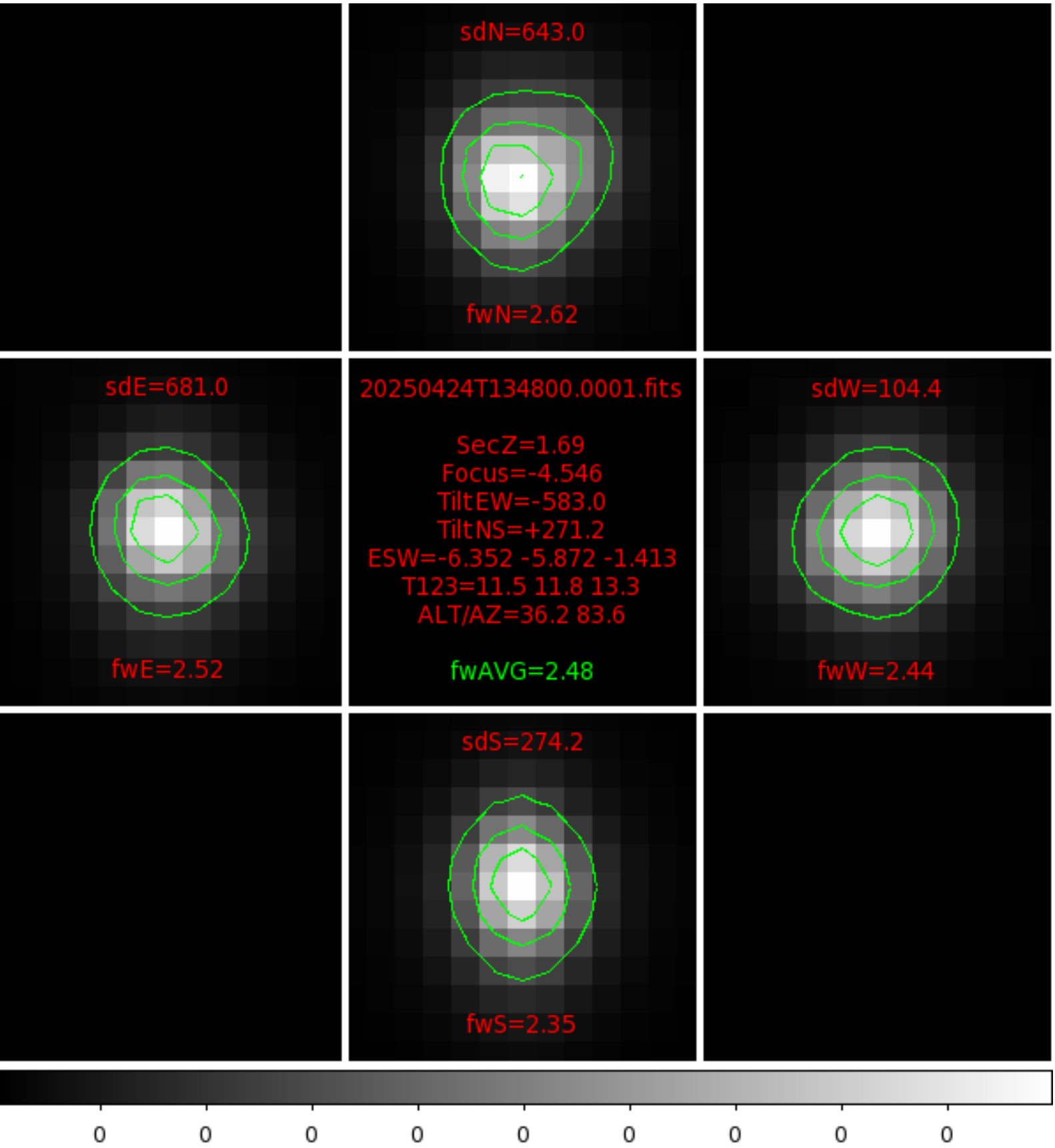
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SecZ=1.69
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.352 -5.872 -1.413
T123=11.5 11.8 13.3
ALT/AZ=36.2 83.6
fwAVG=2.48
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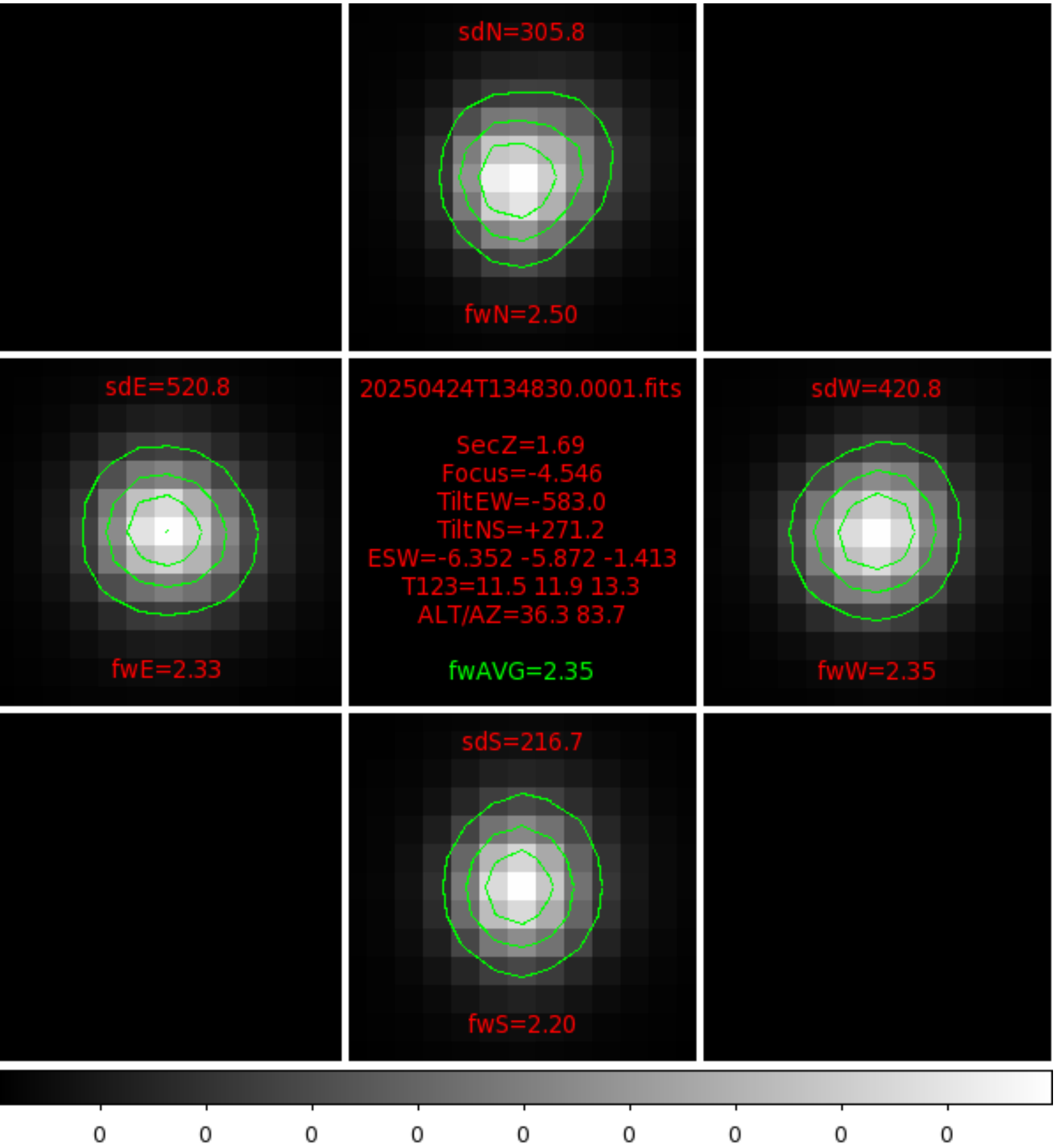
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ESW=-6.352 -5.872 -1.413
T123=11.5 11.9 13.3
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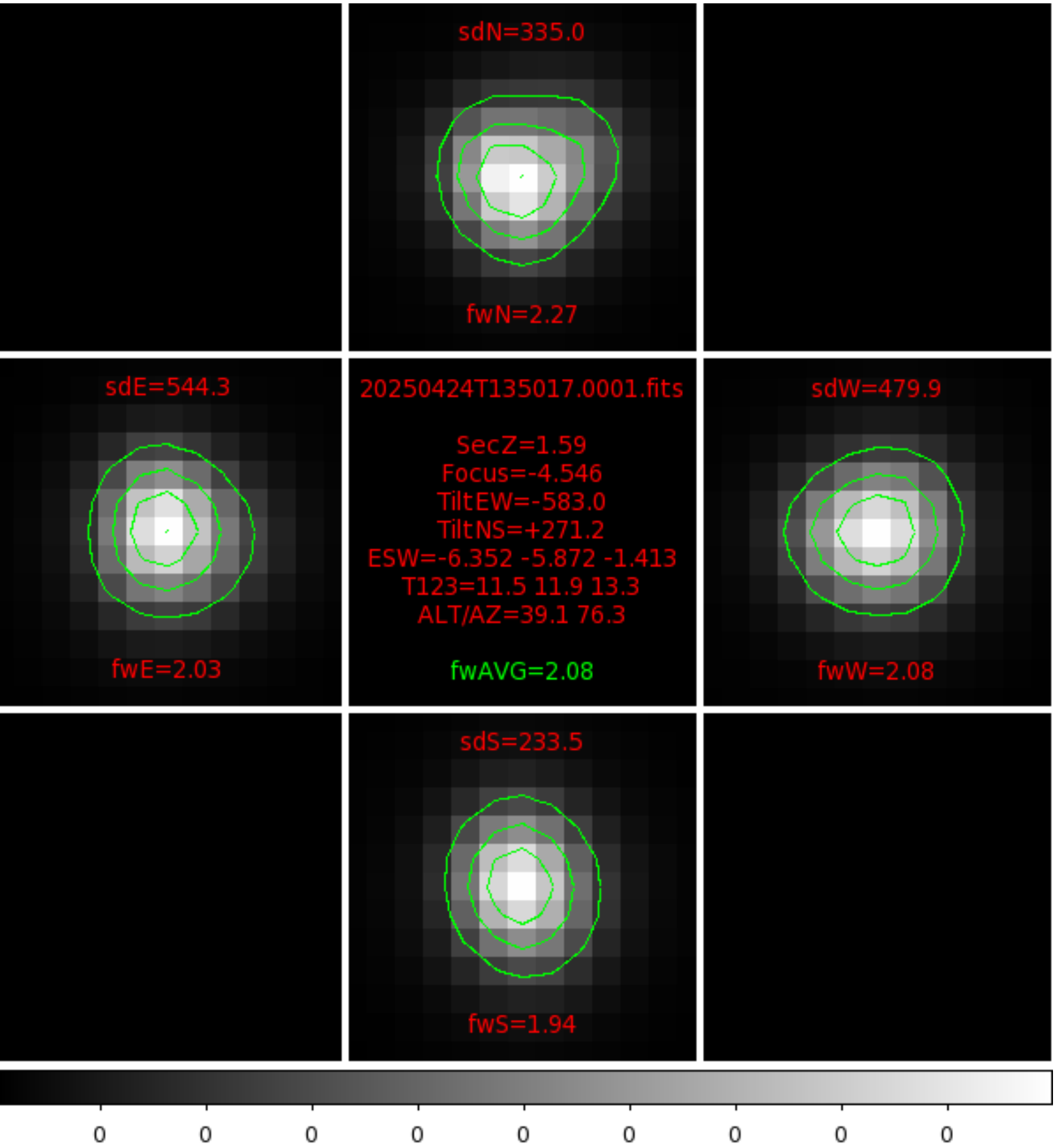
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sdE=544.3
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.352 -5.872 -1.413
T123=11.5 11.9 13.3
ALT/AZ=39.1 76.3
fwAVG=2.08
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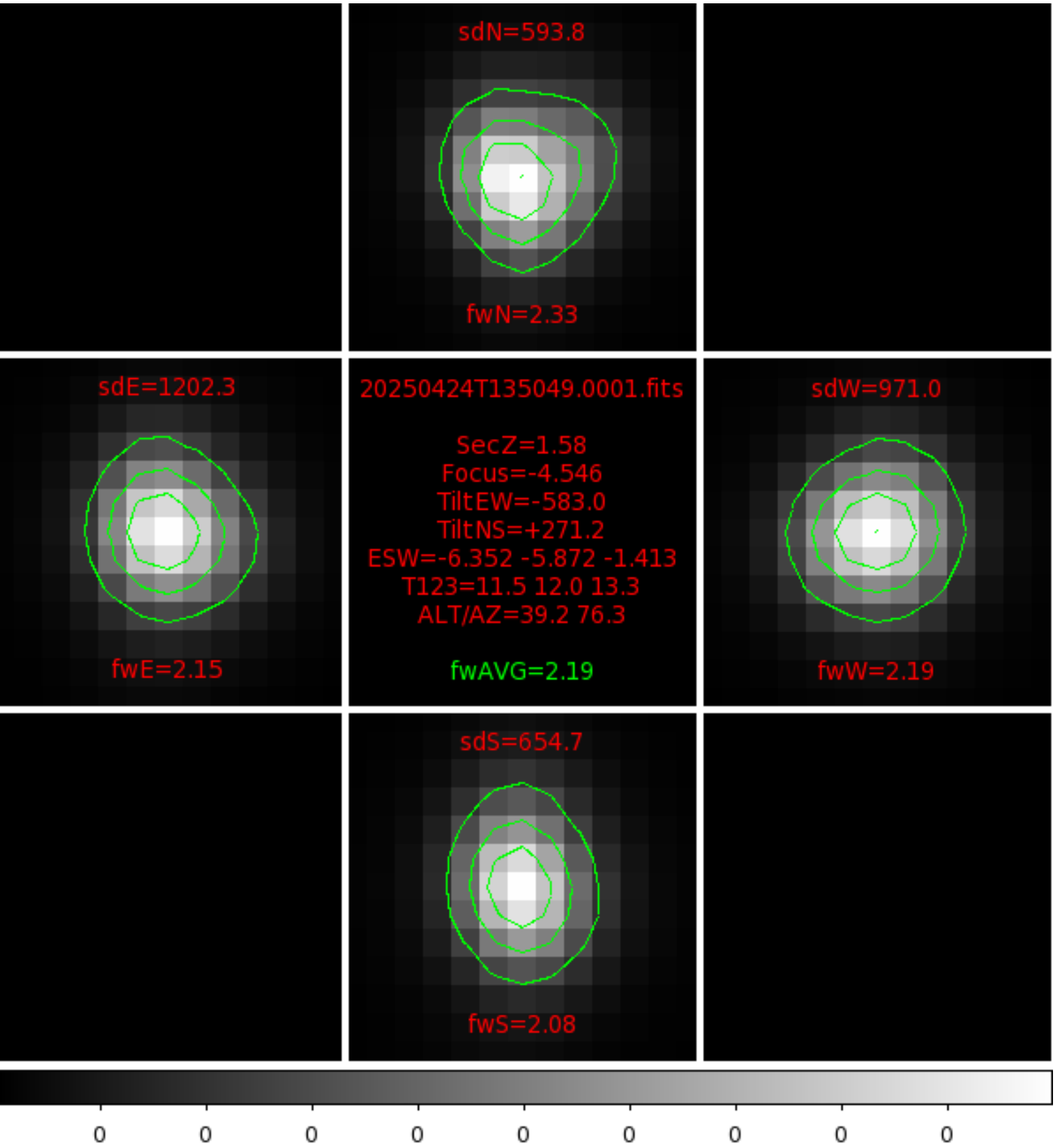
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sdE=1202.3
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SecZ=1.58
Focus=-4.546
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.352 -5.872 -1.413
T123=11.5 12.0 13.3
ALT/AZ=39.2 76.3
fwAVG=2.19
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sdS=654.7
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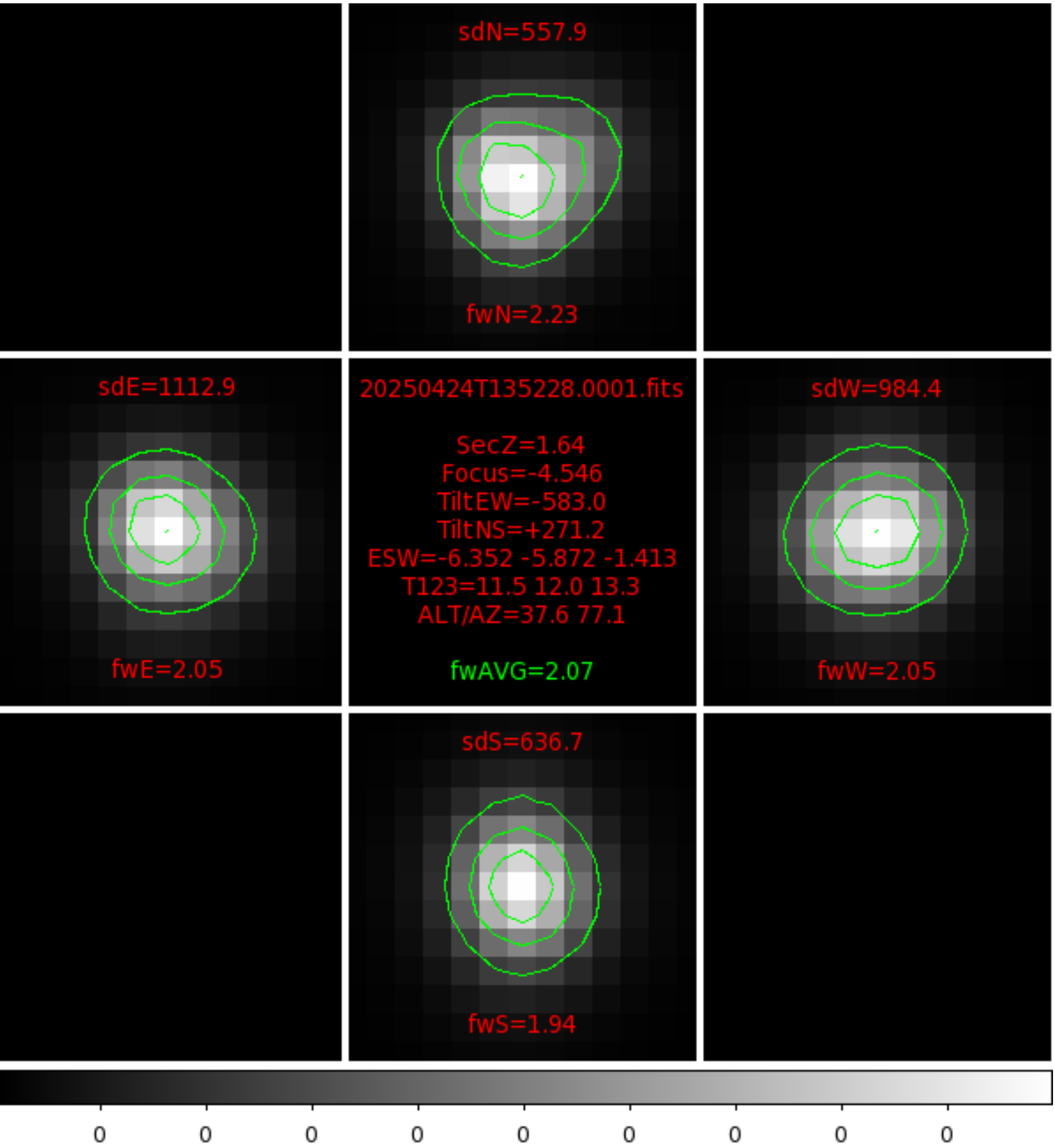
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sdE=1112.9
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SecZ=1.64
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.352 -5.872 -1.413
T123=11.5 12.0 13.3
ALT/AZ=37.6 77.1
fwAVG=2.07
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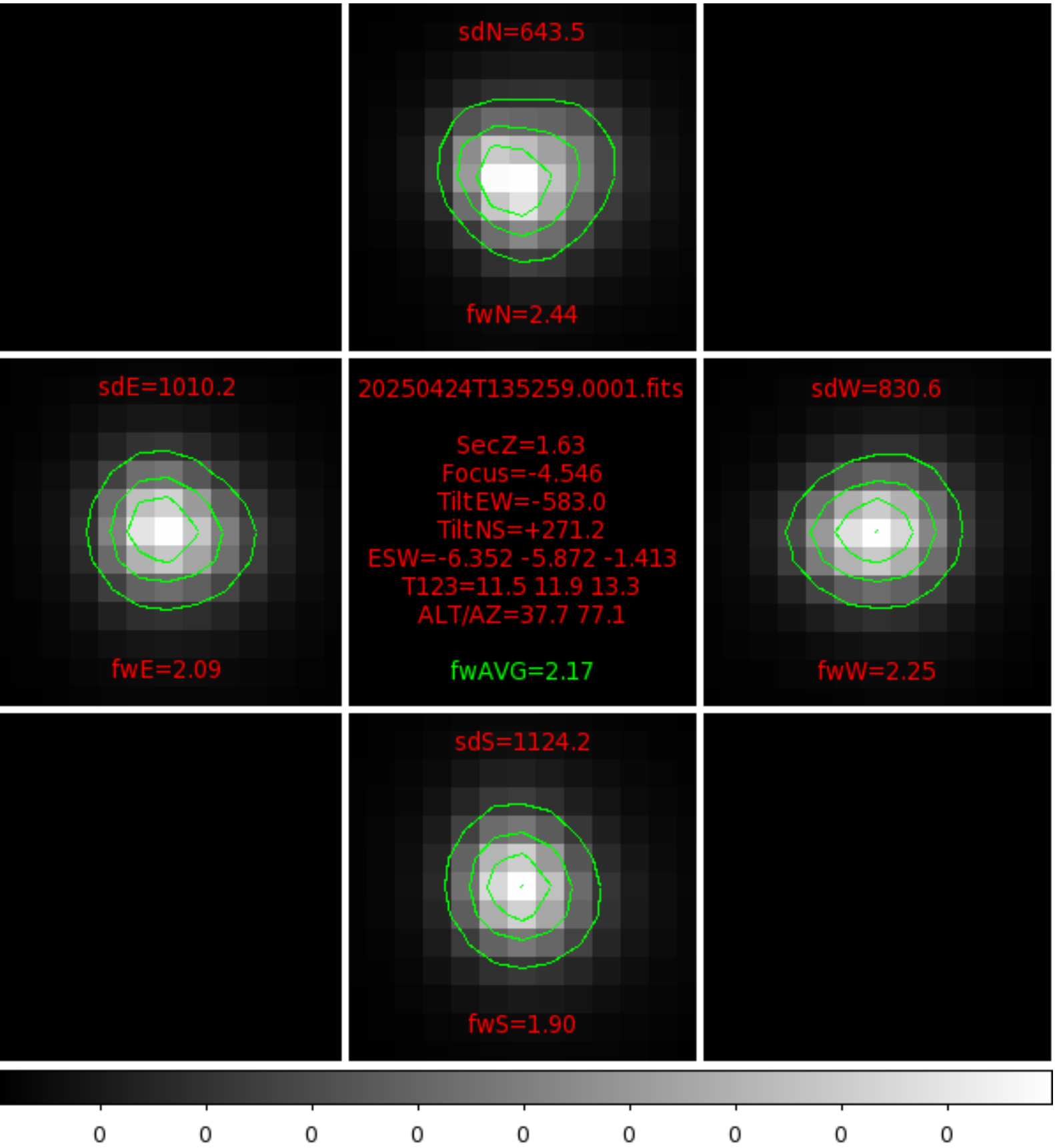
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sdE=1010.2
fwE=2.09
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SecZ=1.63
Focus=-4.546
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.352 -5.872 -1.413
T123=11.5 11.9 13.3
ALT/AZ=37.7 77.1
fwAVG=2.17
sdW=830.6
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sdS=1124.2
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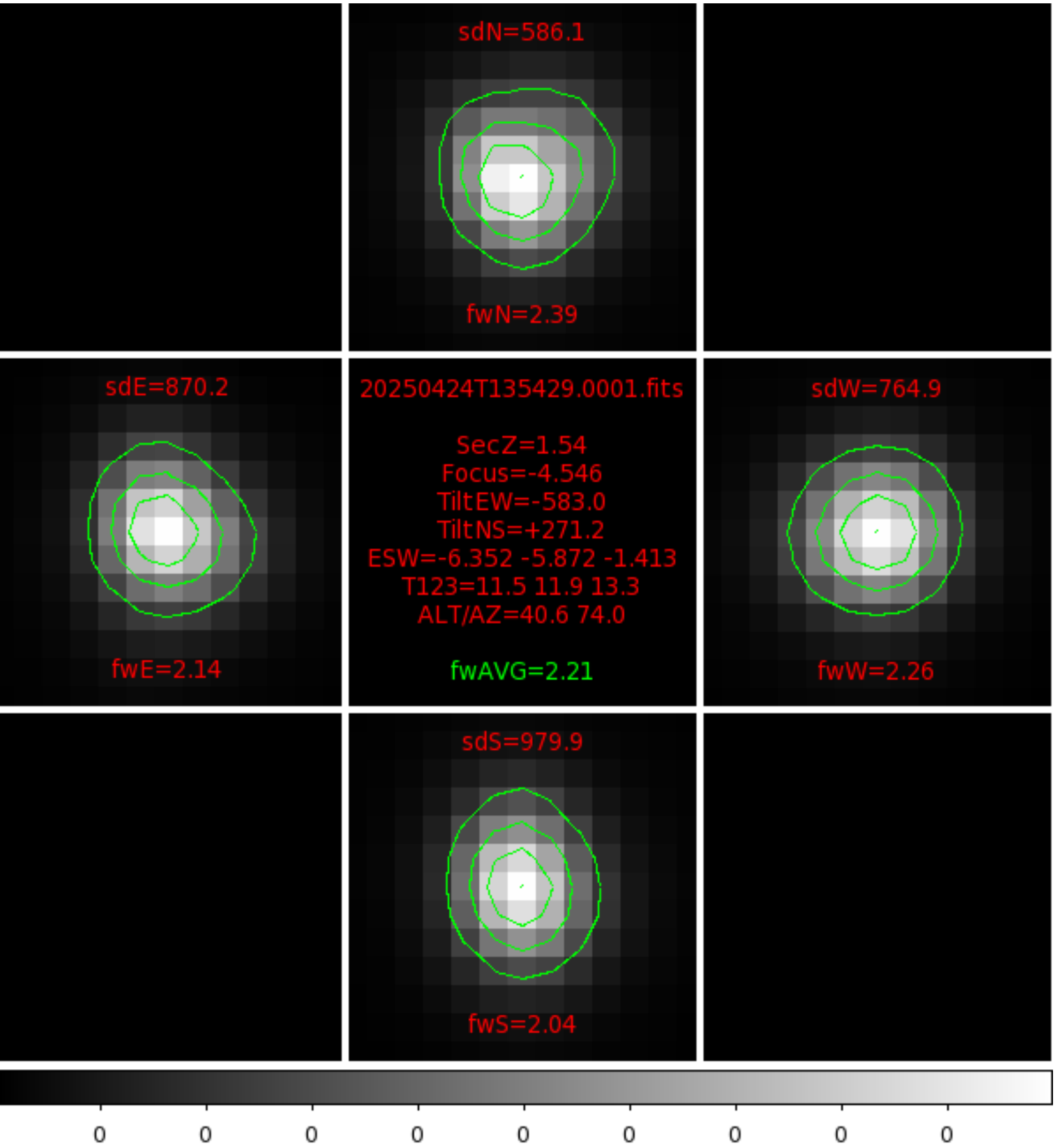
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ESW=-6.352 -5.872 -1.413
T123=11.5 11.9 13.3
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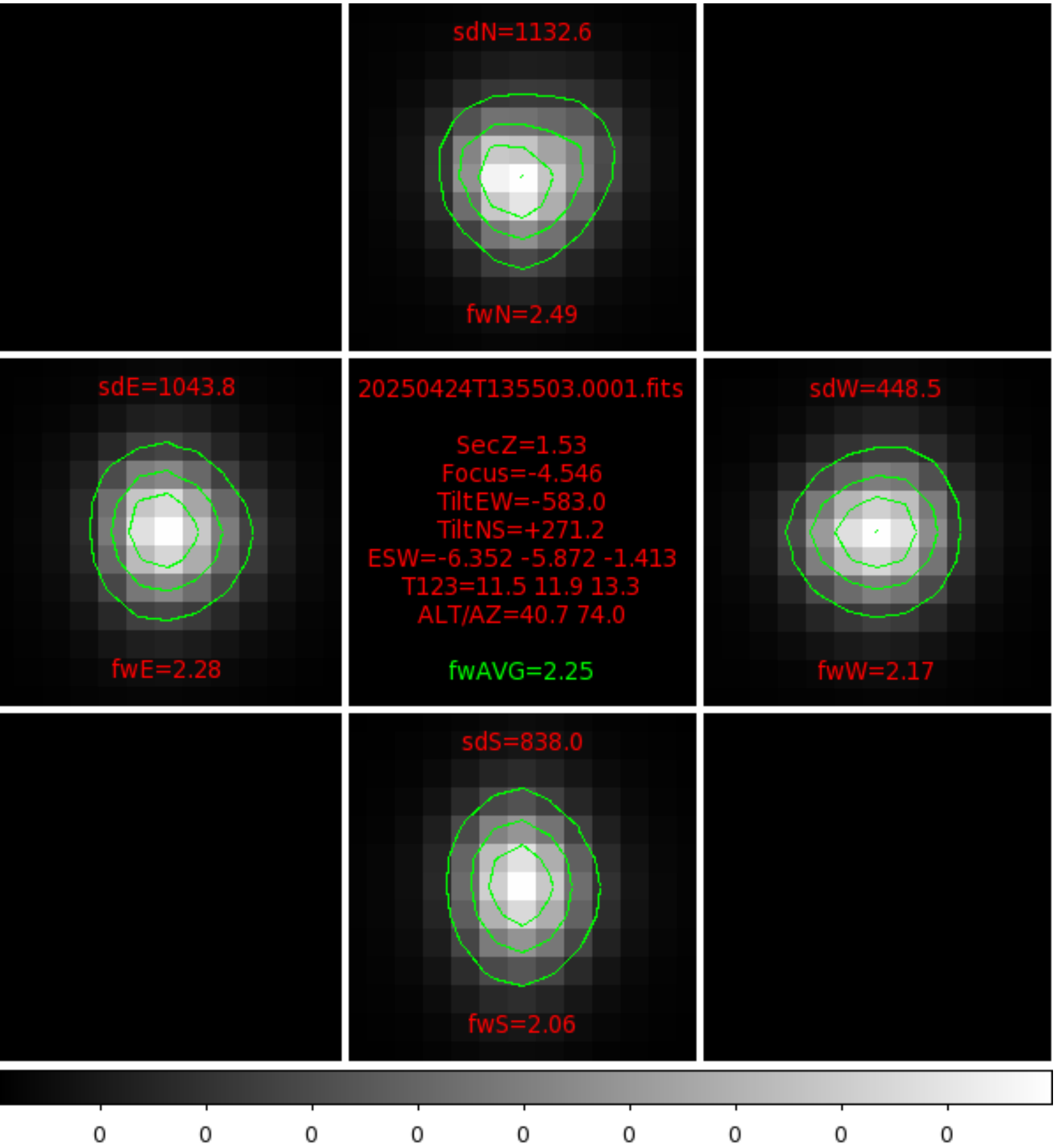
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TiltEW=-583.0
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ESW=-6.352 -5.872 -1.413
T123=11.5 11.9 13.3
ALT/AZ=40.7 74.0
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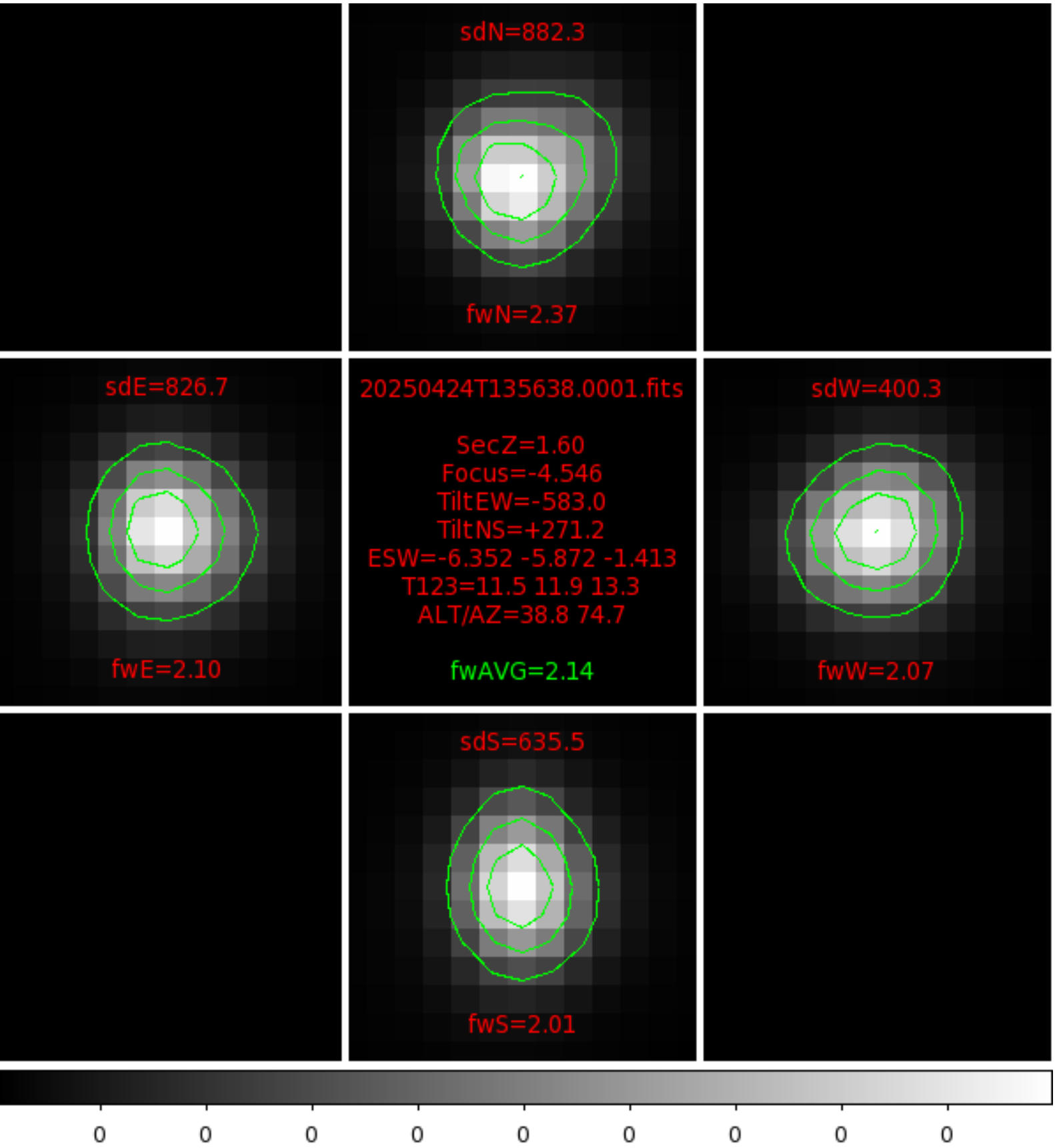
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SecZ=1.60
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T123=11.5 11.9 13.3
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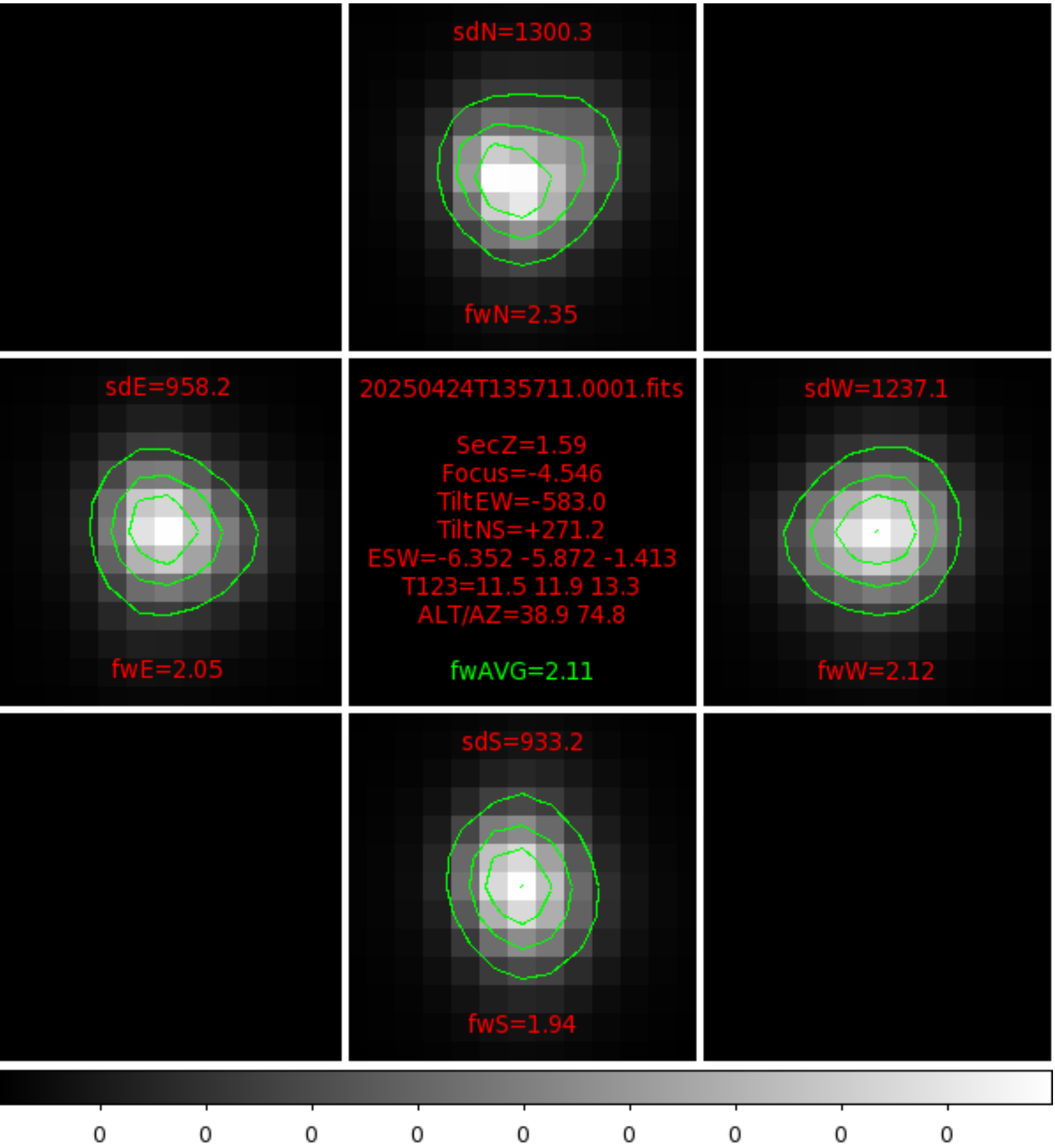
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ESW=-6.352 -5.872 -1.413
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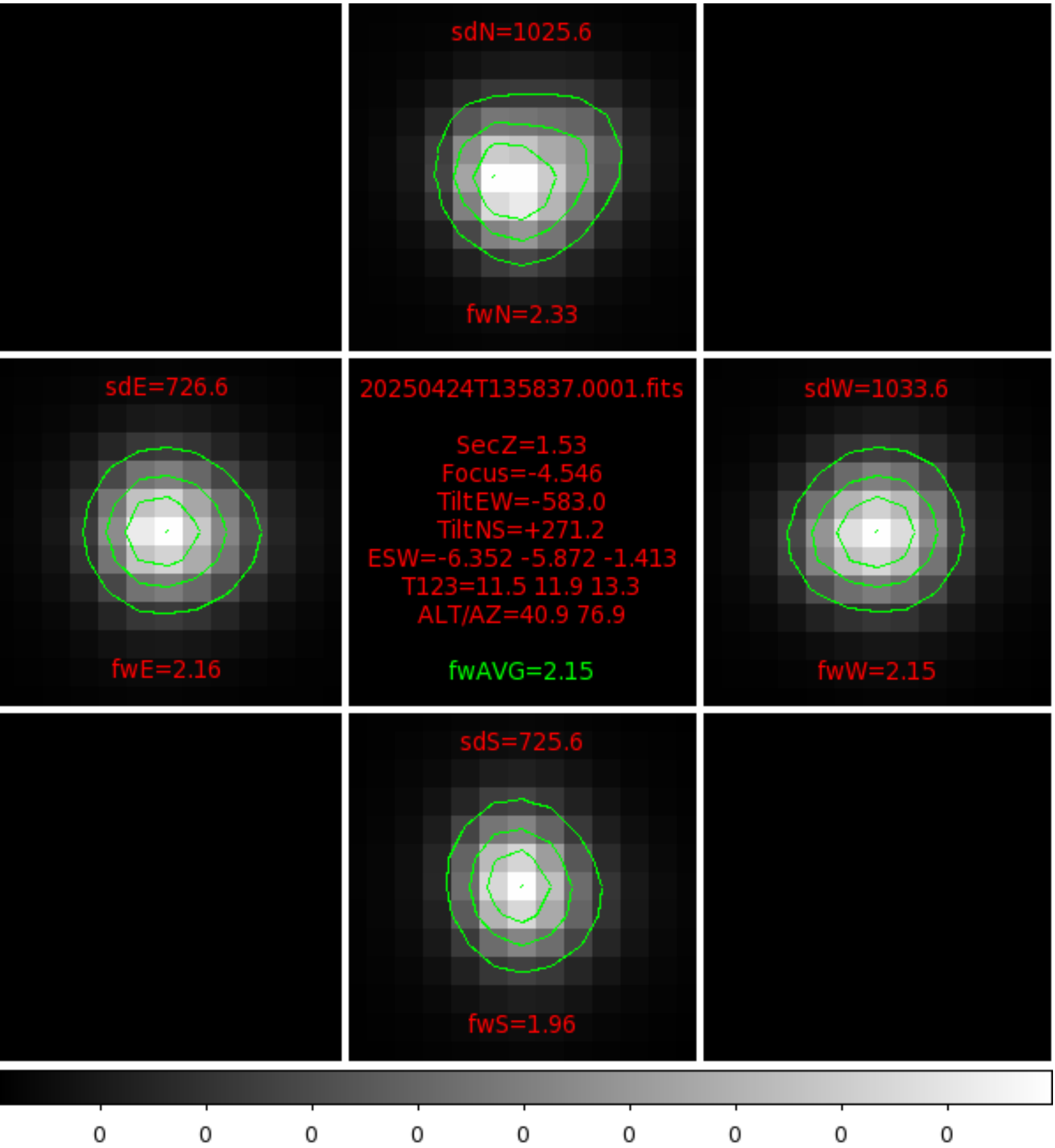
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T123=11.5 11.9 13.3
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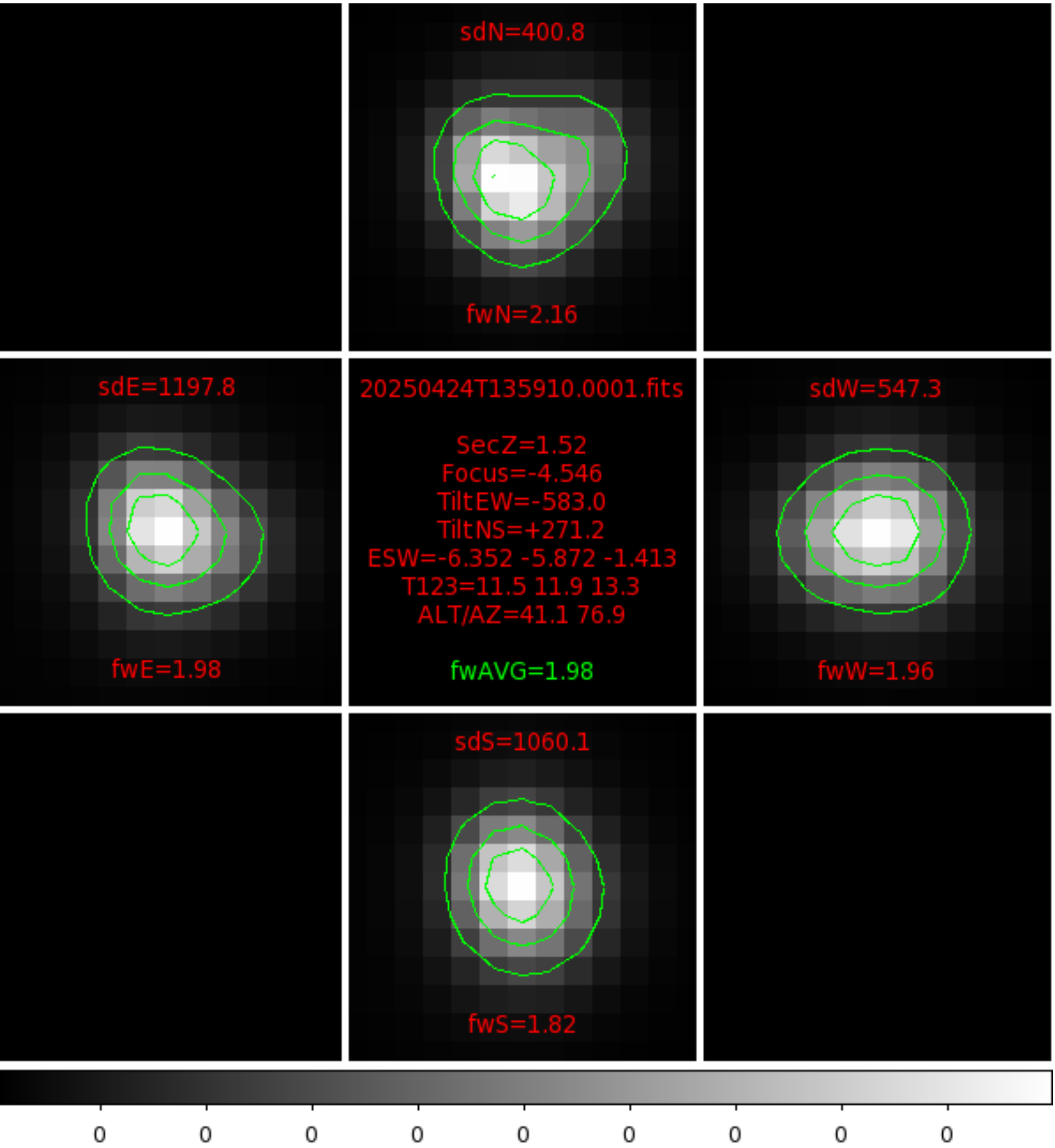
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.352 -5.872 -1.413
T123=11.5 11.9 13.3
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fwAVG=1.98
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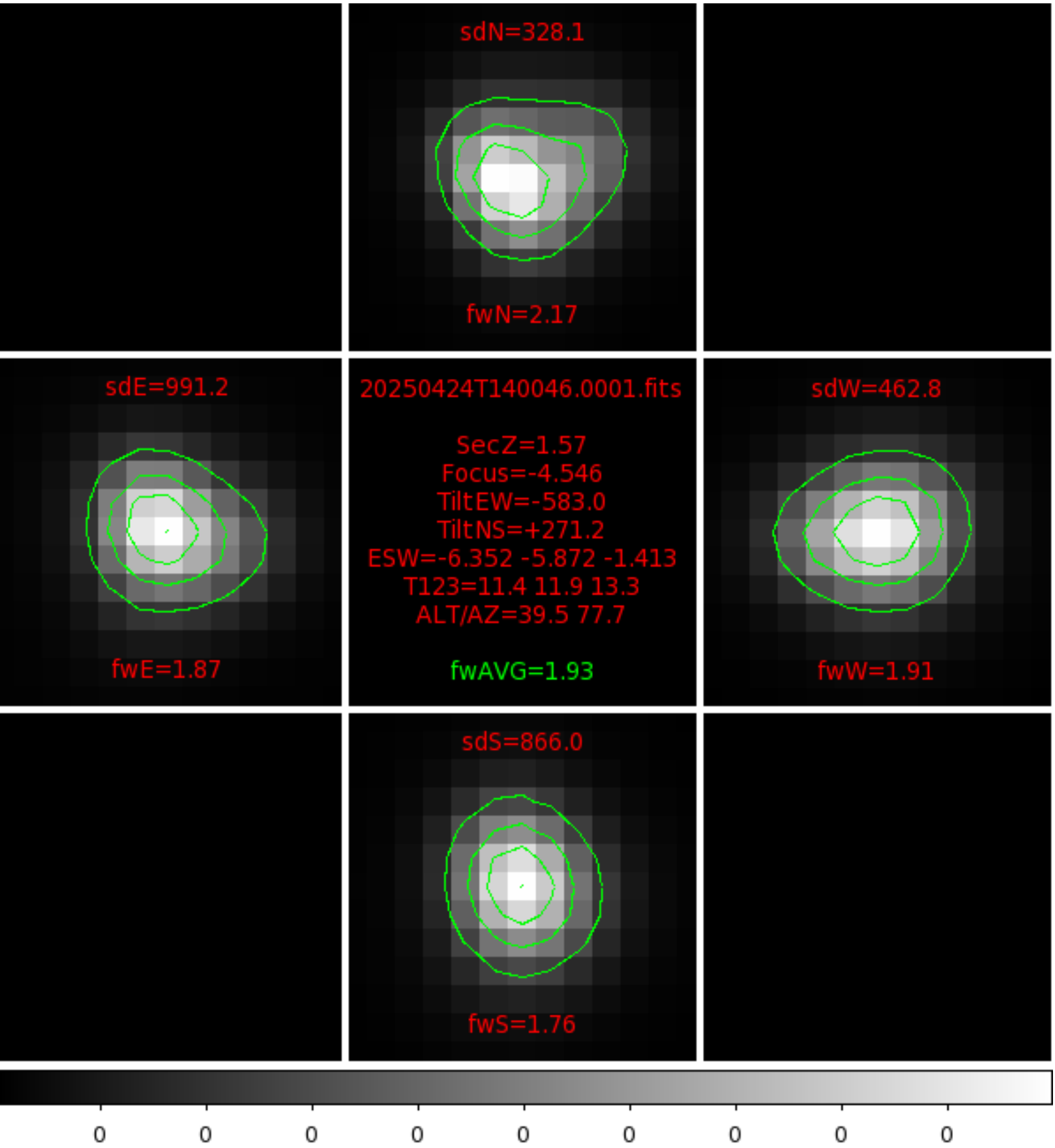
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sdE=991.2
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.352 -5.872 -1.413
T123=11.4 11.9 13.3
ALT/AZ=39.5 77.7
fwAVG=1.93
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sdS=866.0
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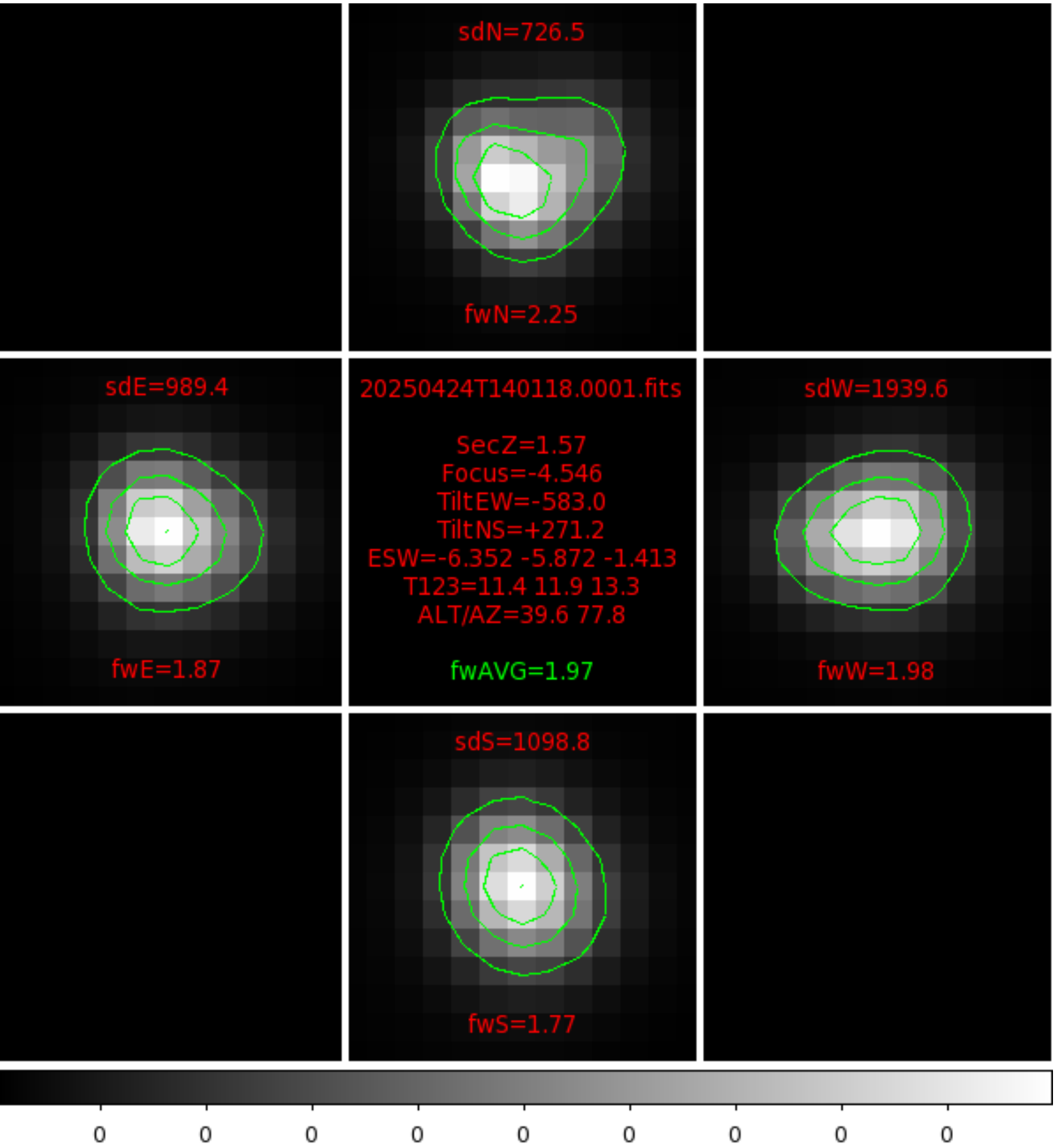
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TiltNS=+271.2
ESW=-6.352 -5.872 -1.413
T123=11.4 11.9 13.3
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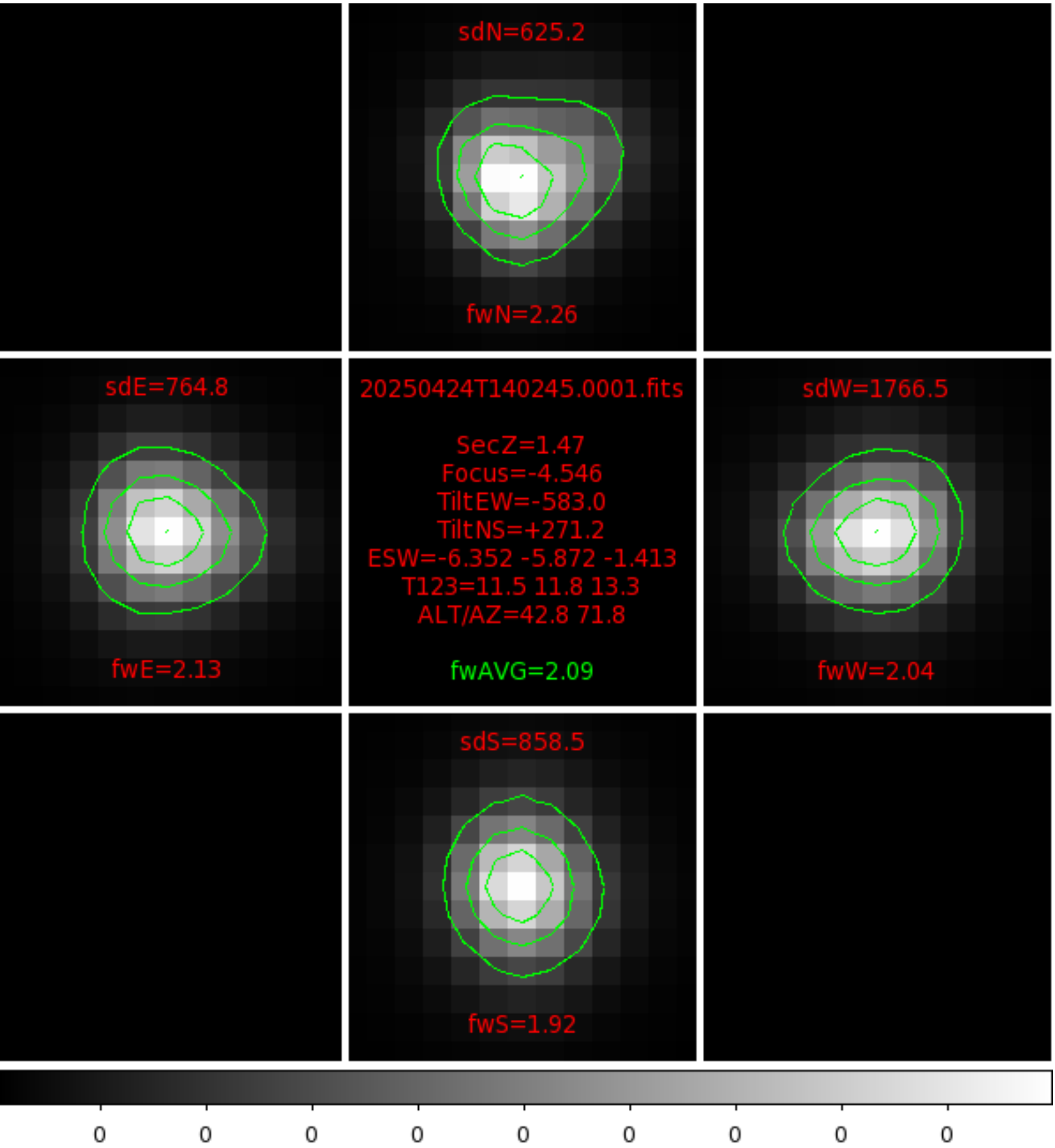
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sdE=764.8
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SecZ=1.47
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.352 -5.872 -1.413
T123=11.5 11.8 13.3
ALT/AZ=42.8 71.8
fwAVG=2.09
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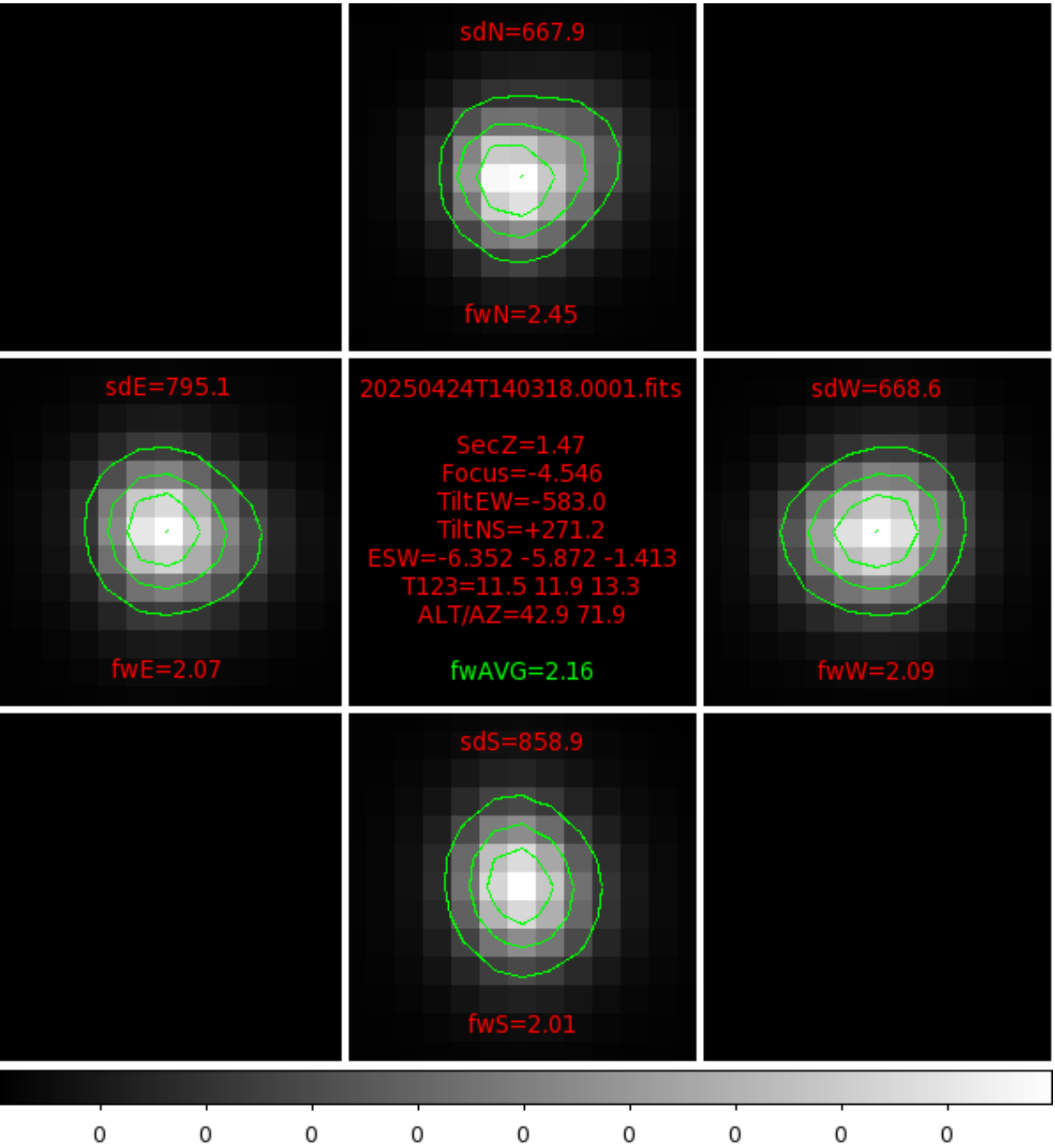
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SecZ=1.47
Focus=-4.546
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.352 -5.872 -1.413
T123=11.5 11.9 13.3
ALT/AZ=42.9 71.9
fwAVG=2.16
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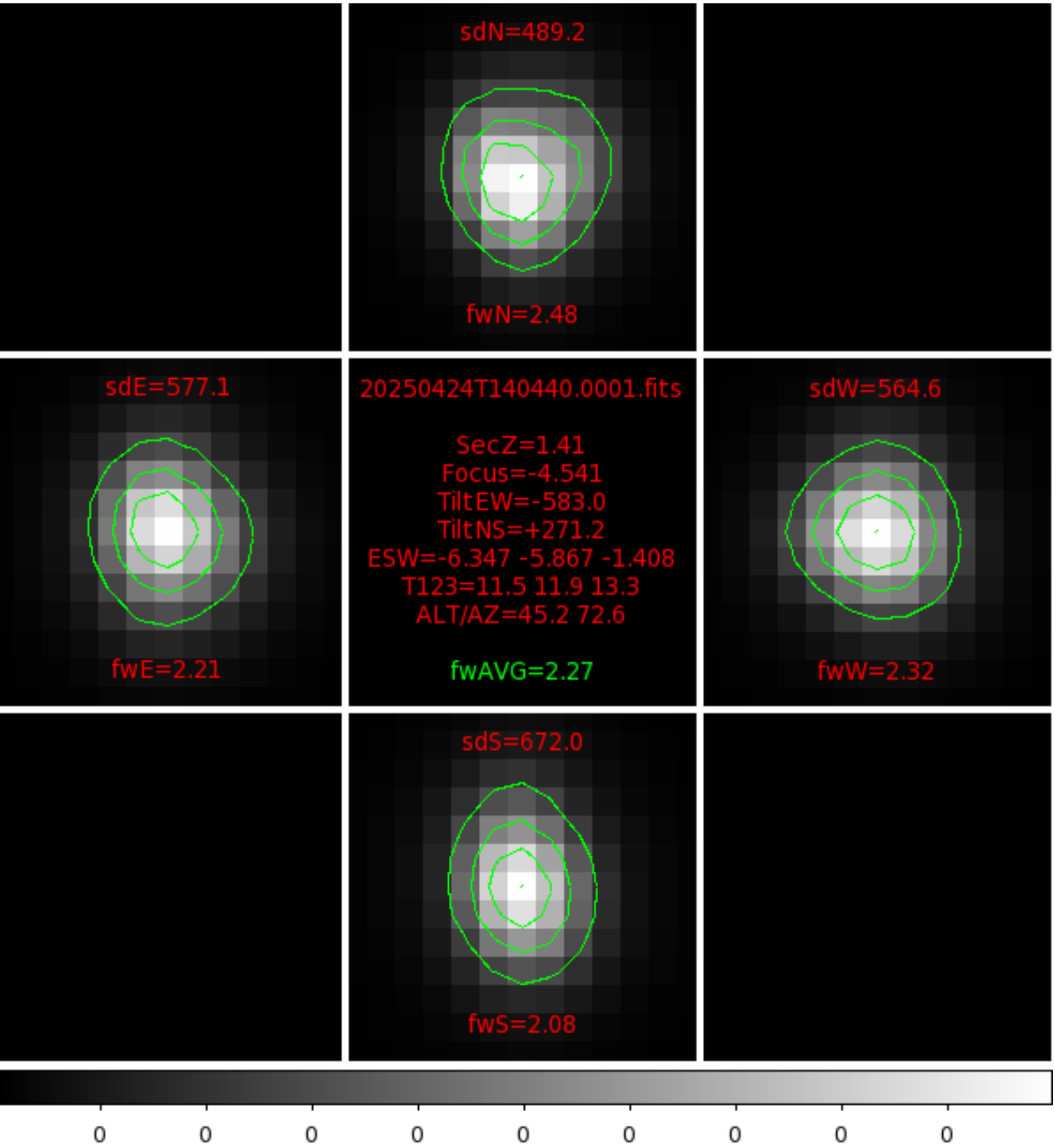
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.347 -5.867 -1.408
T123=11.5 11.9 13.3
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fwAVG=2.27
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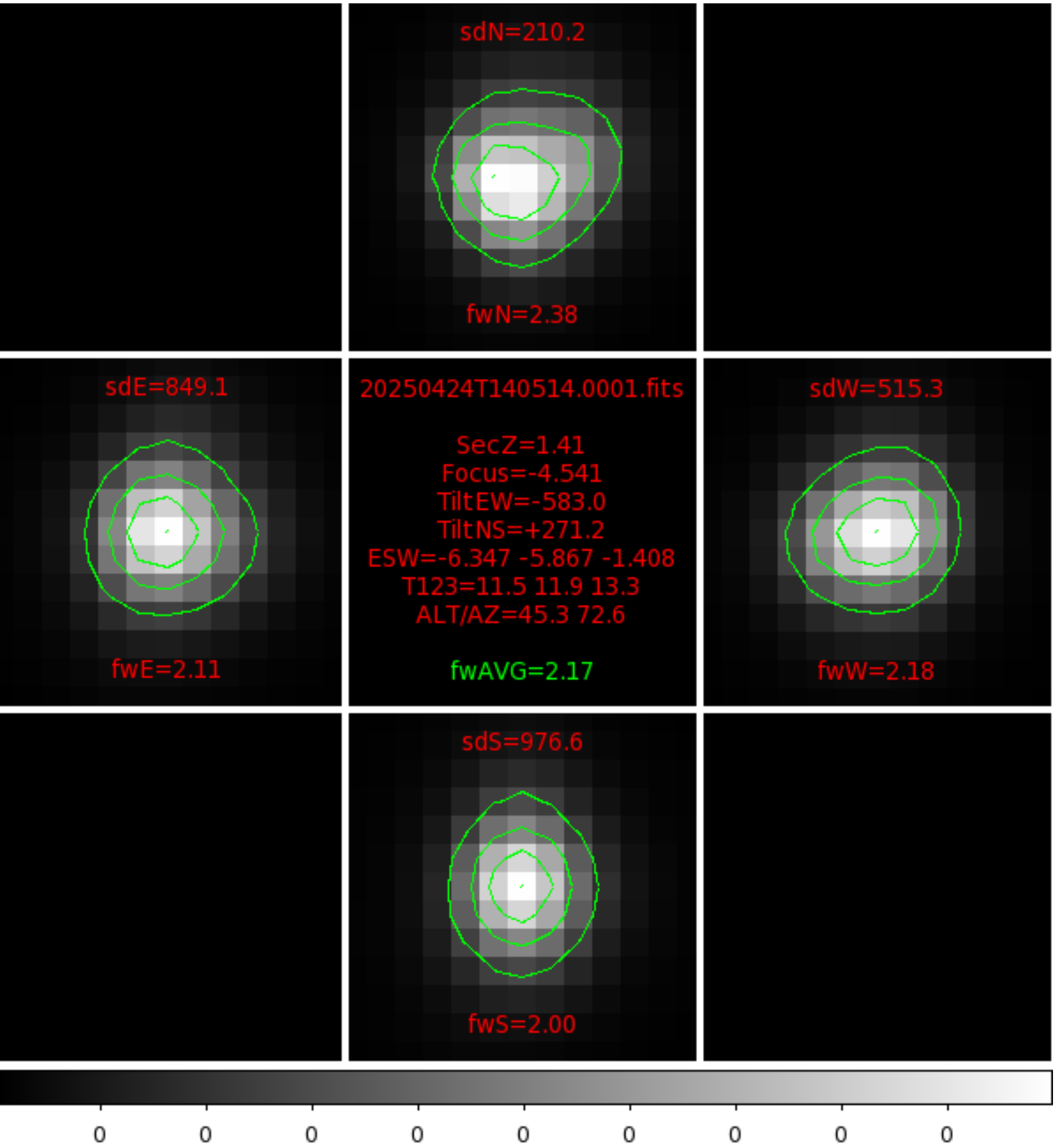
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SecZ=1.41
Focus=-4.541
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.347 -5.867 -1.408
T123=11.5 11.9 13.3
ALT/AZ=45.3 72.6
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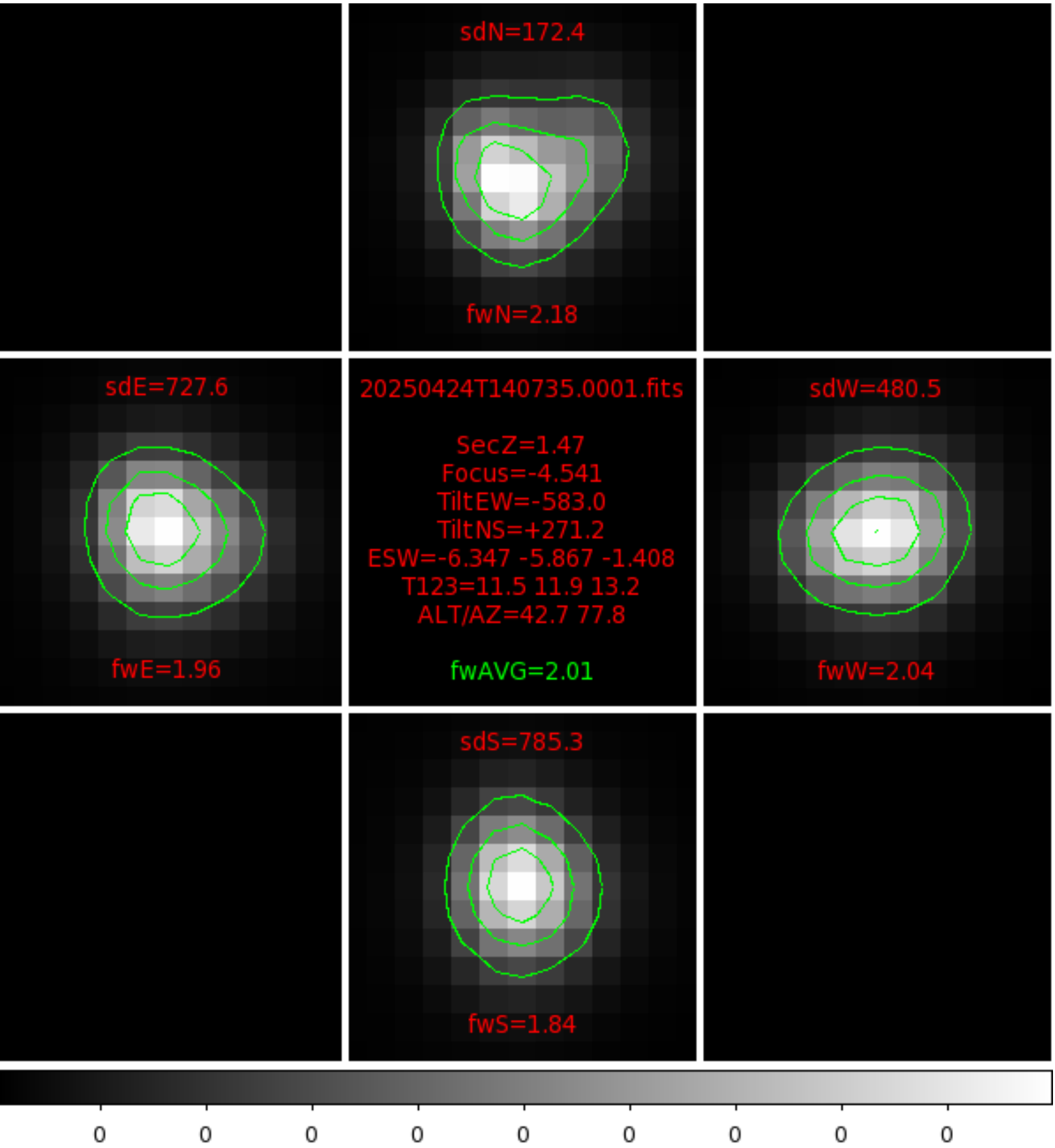
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fwE=1.96
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.347 -5.867 -1.408
T123=11.5 11.9 13.2
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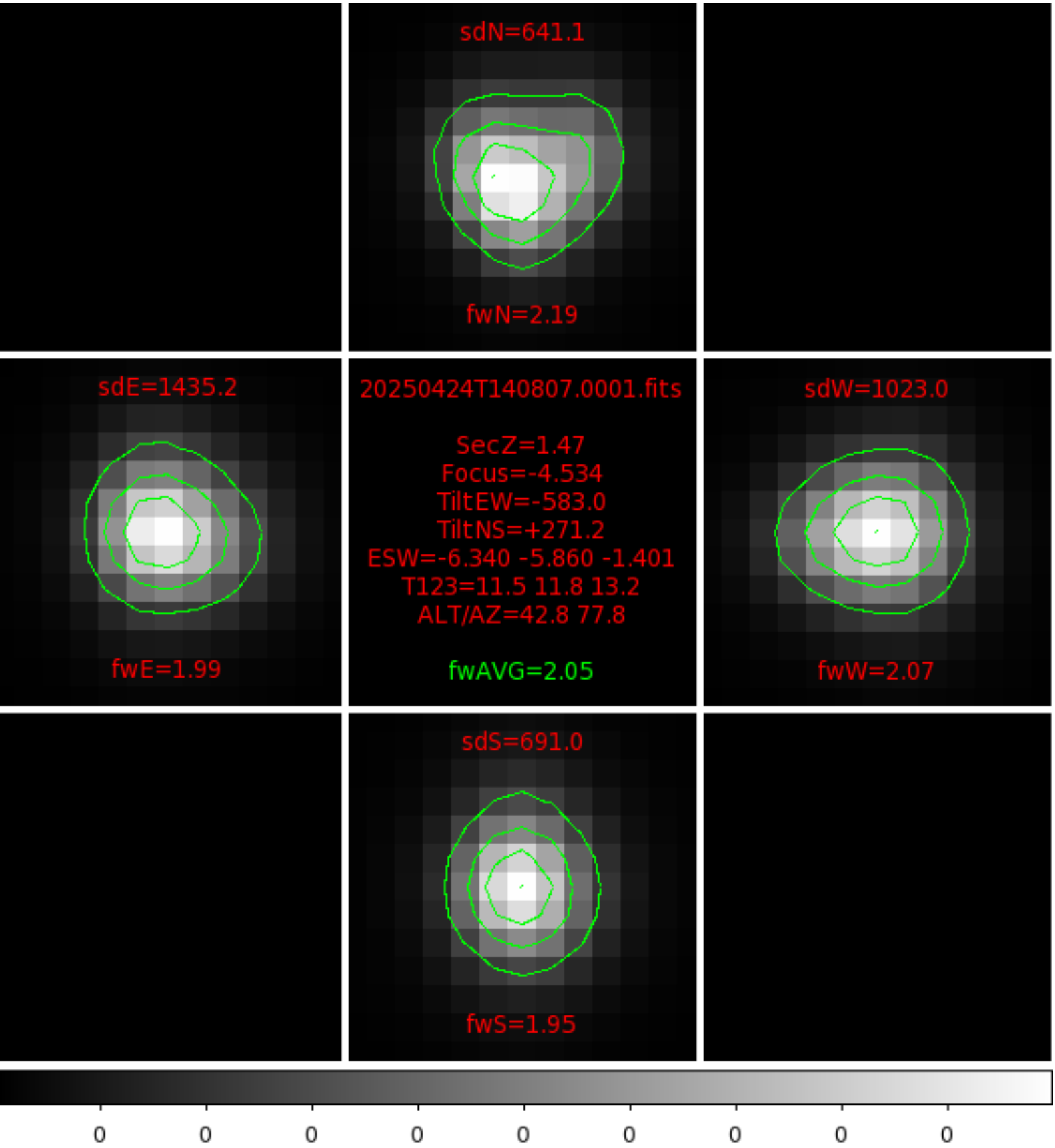
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.340 -5.860 -1.401
T123=11.5 11.8 13.2
ALT/AZ=42.8 77.8
fwAVG=2.05
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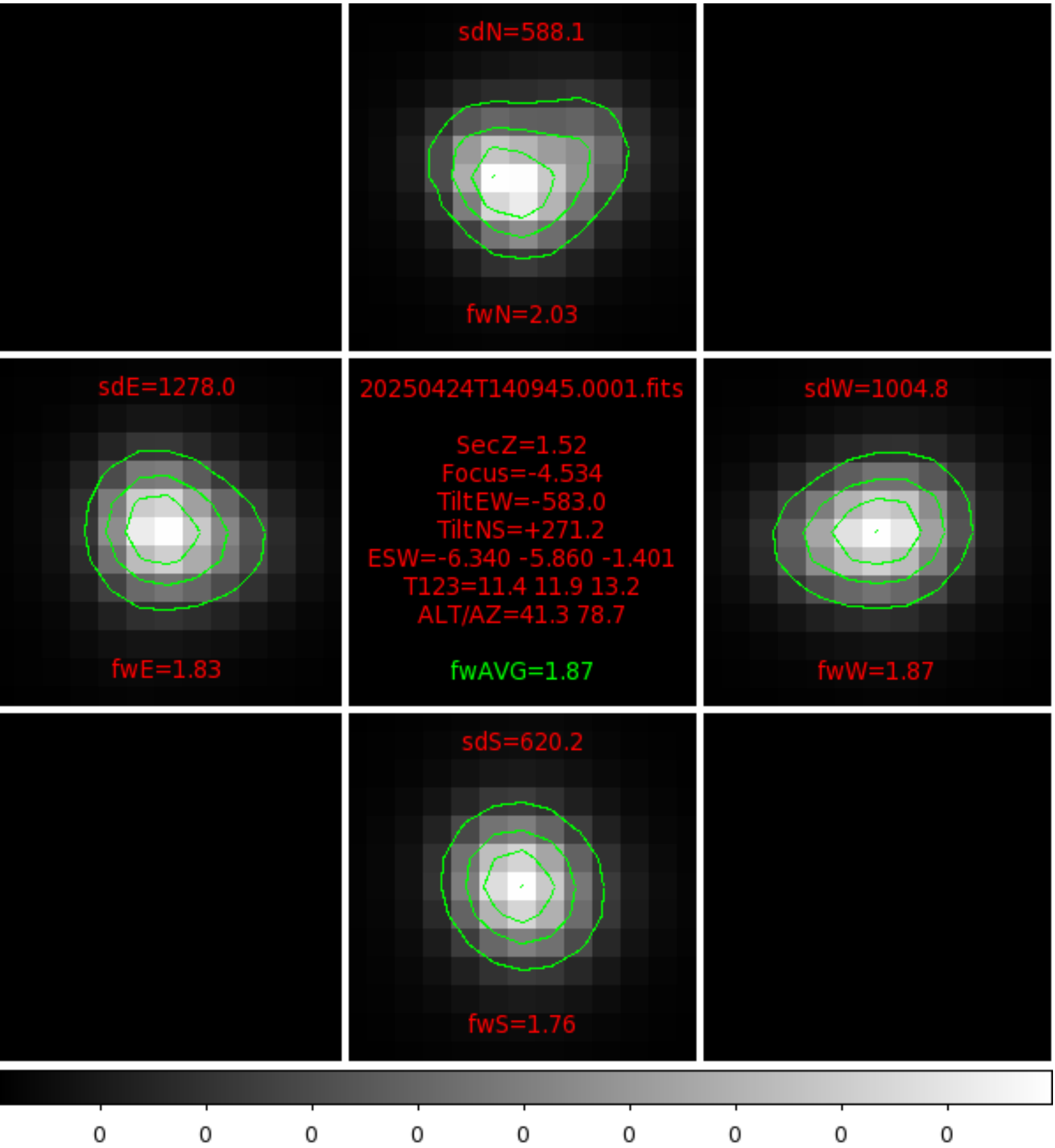
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TiltNS=+271.2
ESW=-6.340 -5.860 -1.401
T123=11.4 11.9 13.2
ALT/AZ=41.3 78.7
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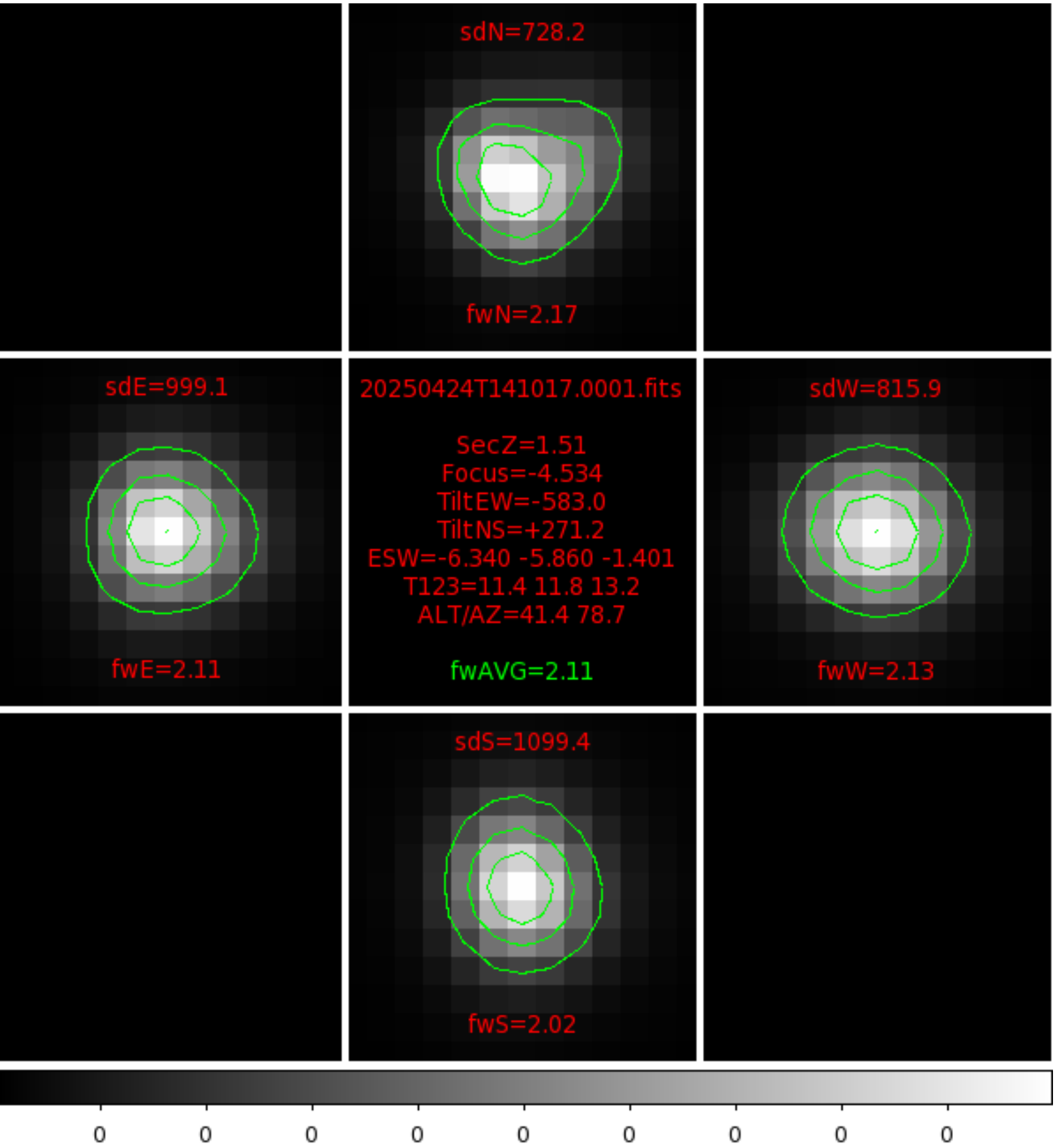
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SecZ=1.51
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TiltNS=+271.2
ESW=-6.340 -5.860 -1.401
T123=11.4 11.8 13.2
ALT/AZ=41.4 78.7
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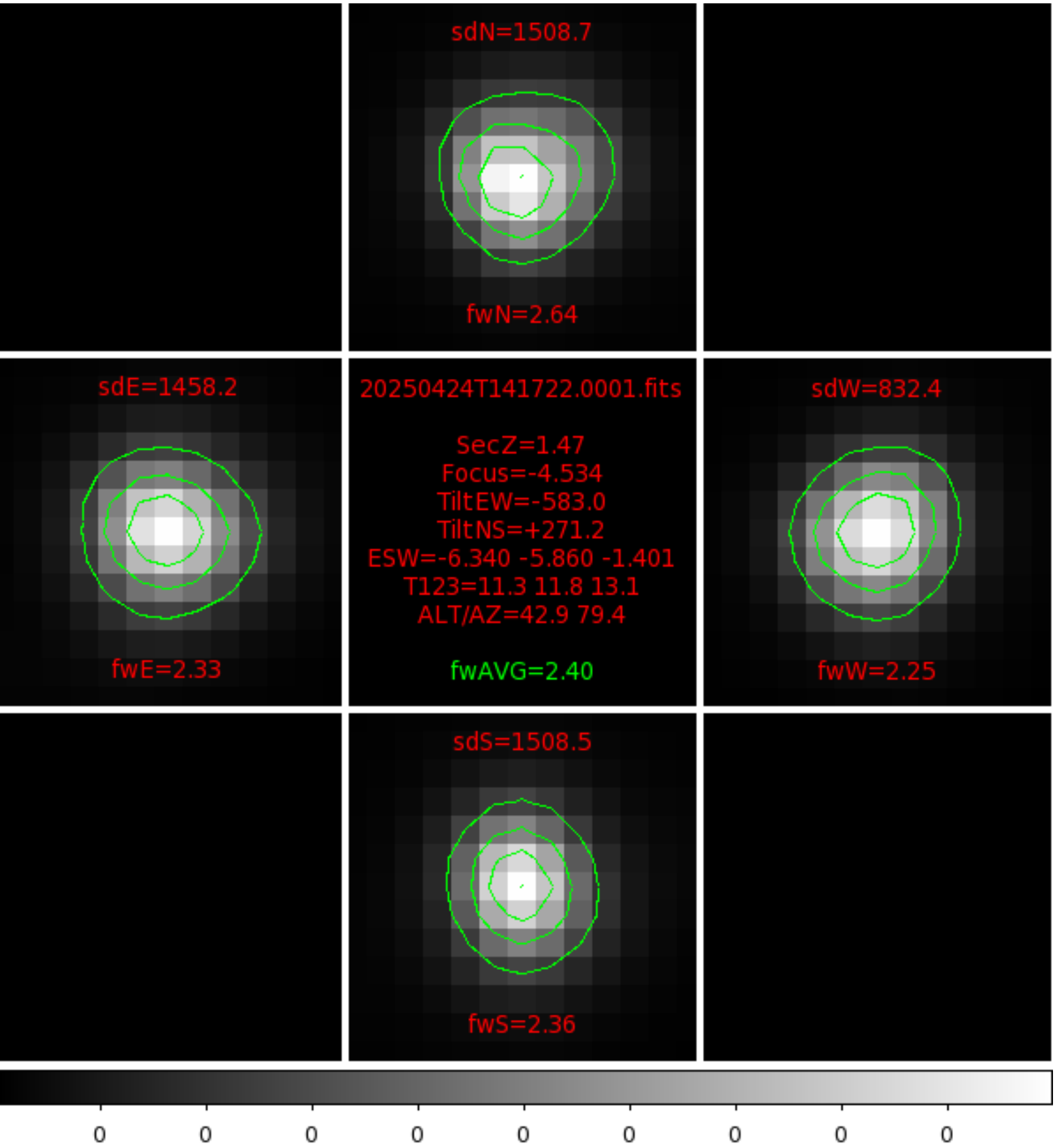
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TiltNS=+271.2
ESW=-6.340 -5.860 -1.401
T123=11.3 11.8 13.1
ALT/AZ=42.9 79.4
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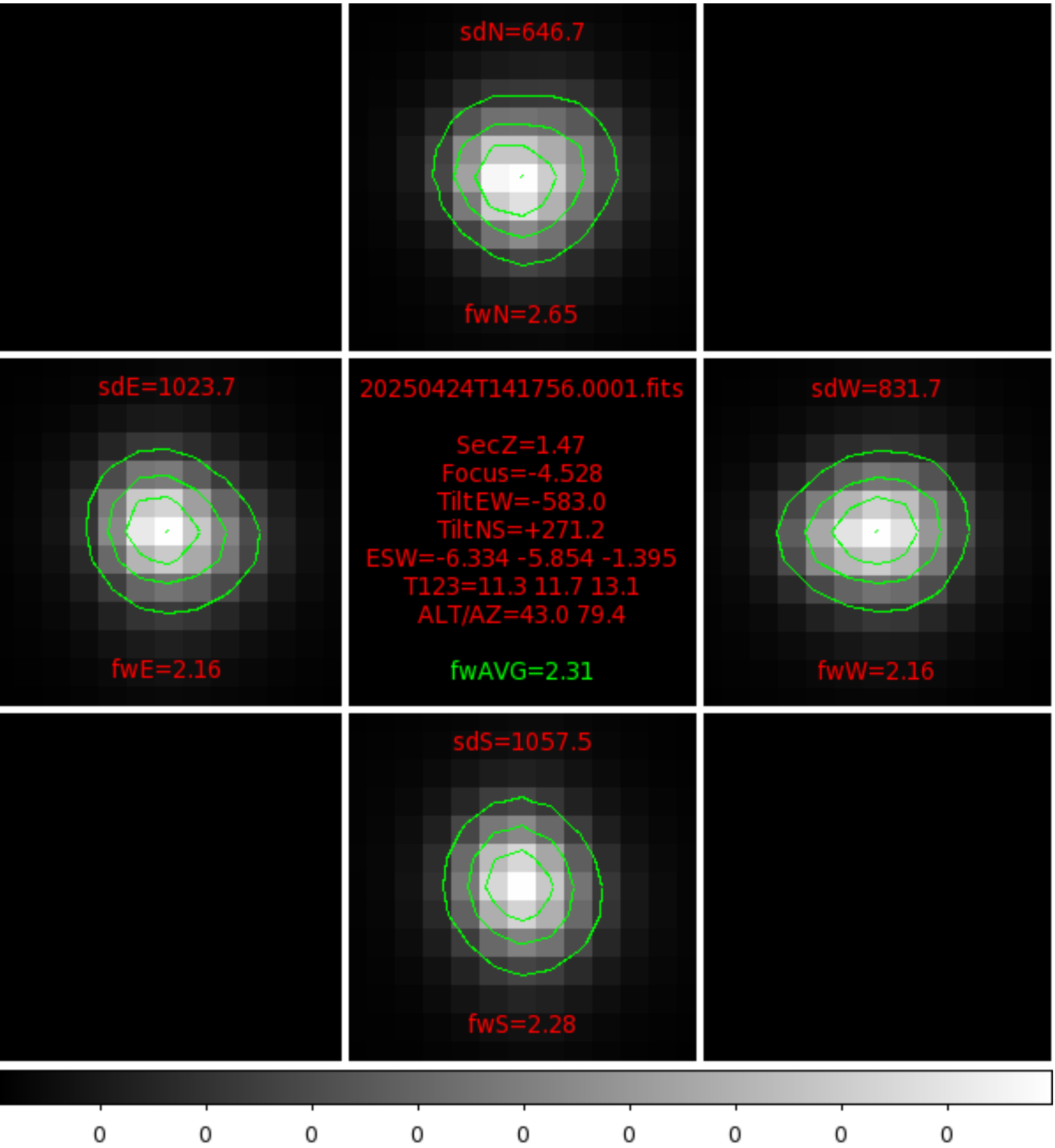
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SecZ=1.47
Focus=-4.528
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.3 11.7 13.1
ALT/AZ=43.0 79.4
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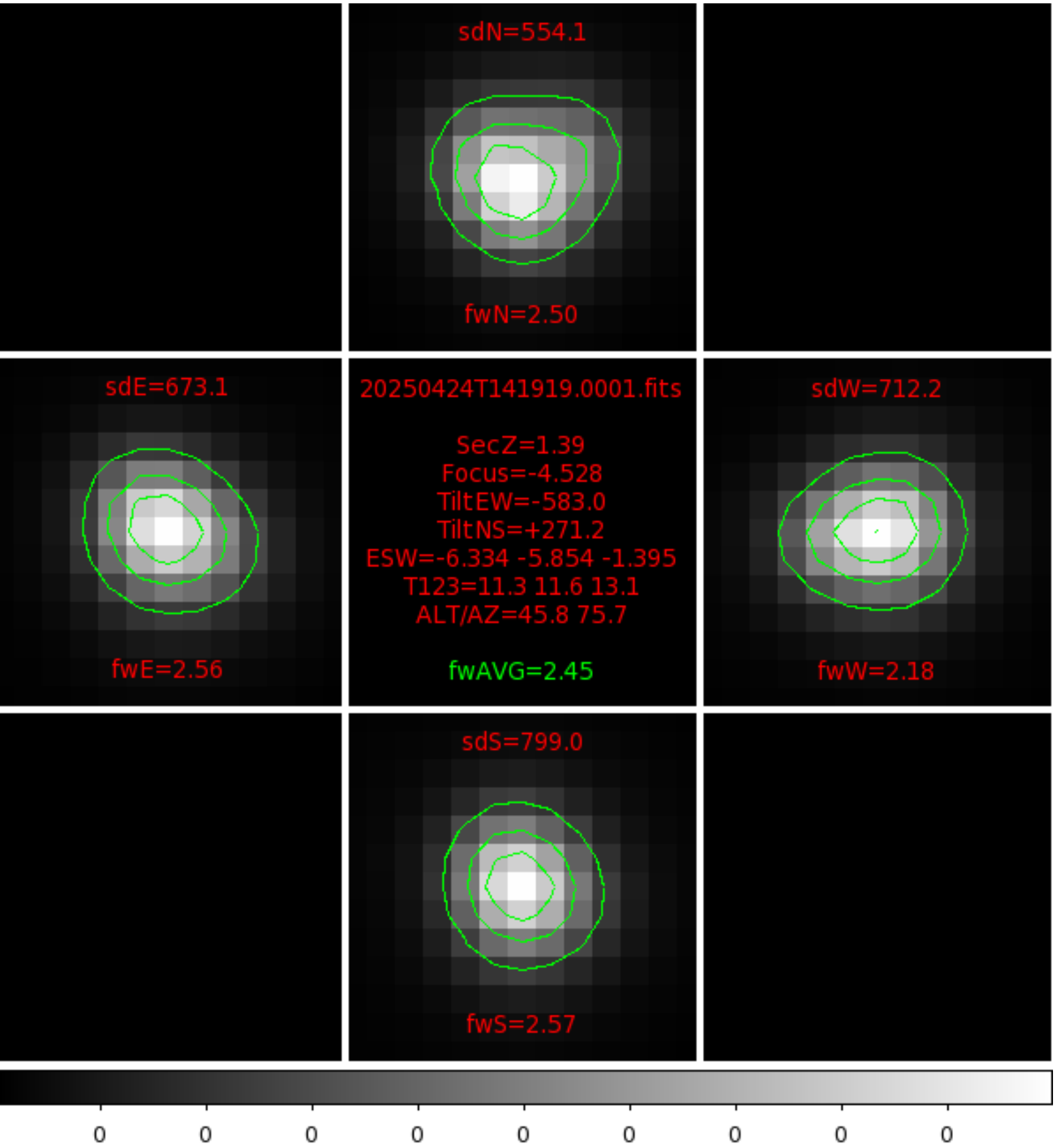
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SecZ=1.39
Focus=-4.528
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.3 11.6 13.1
ALT/AZ=45.8 75.7
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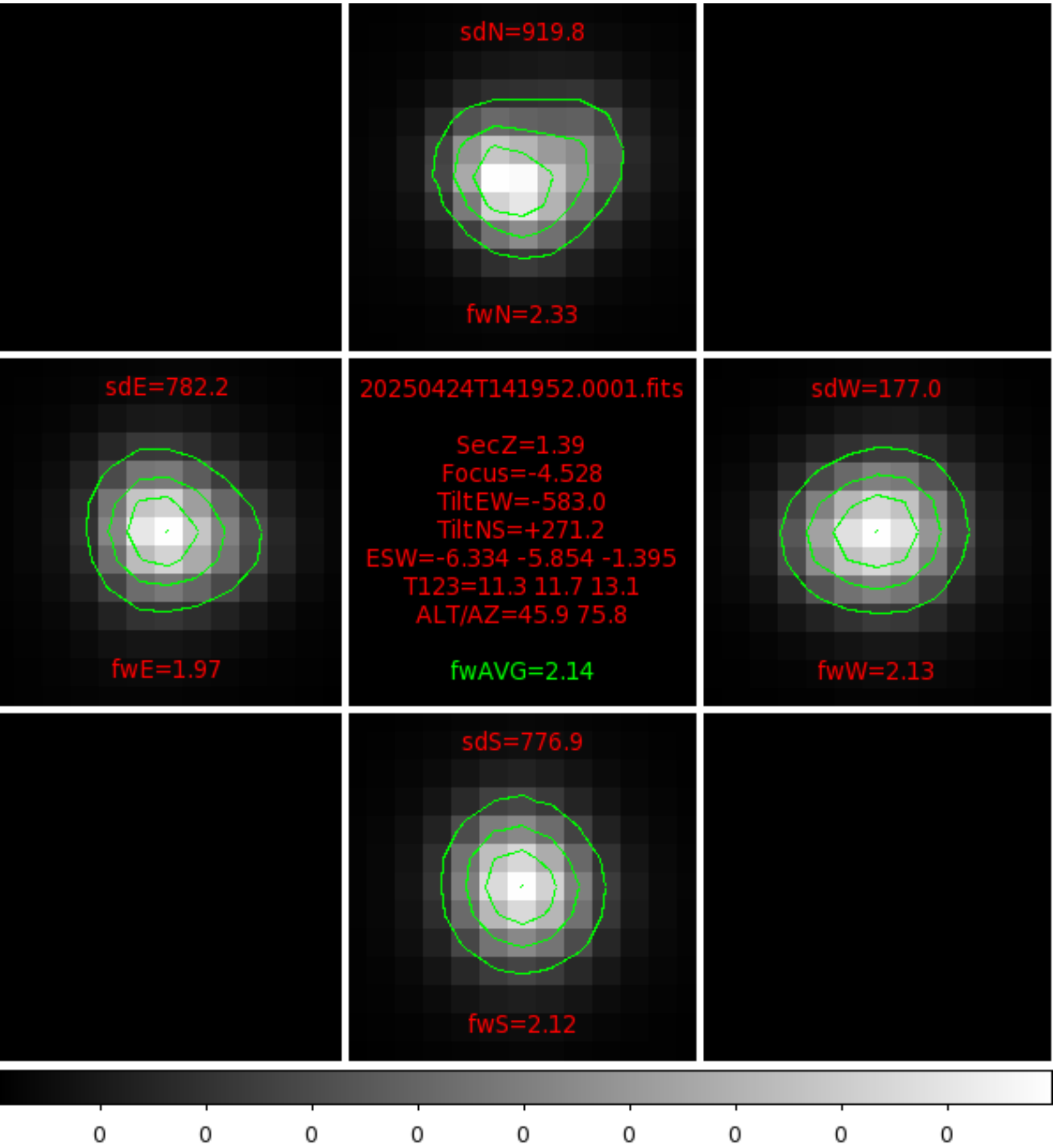
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SecZ=1.39
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.3 11.7 13.1
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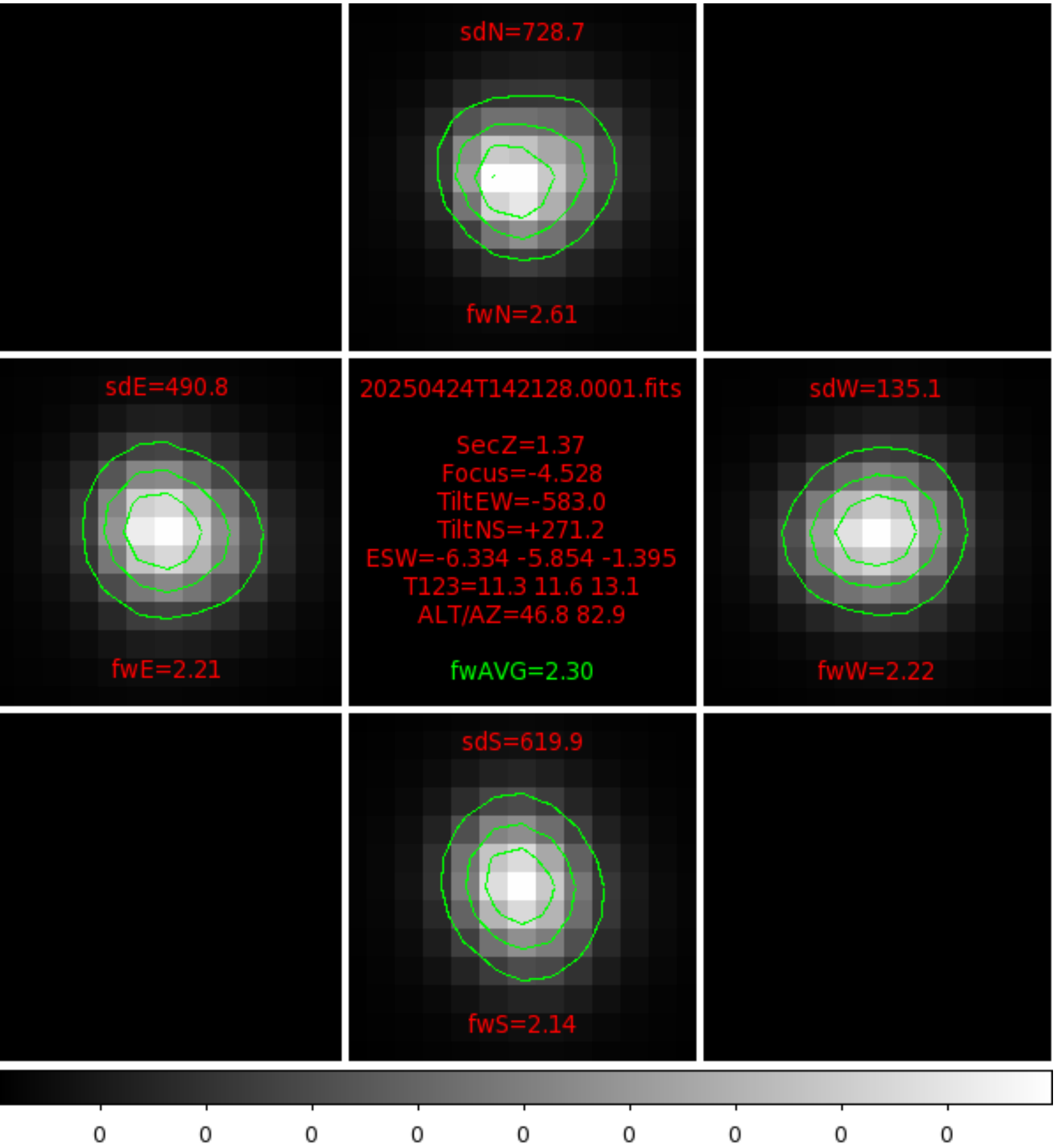
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sdE=490.8
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SecZ=1.37
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.3 11.6 13.1
ALT/AZ=46.8 82.9
fwAVG=2.30
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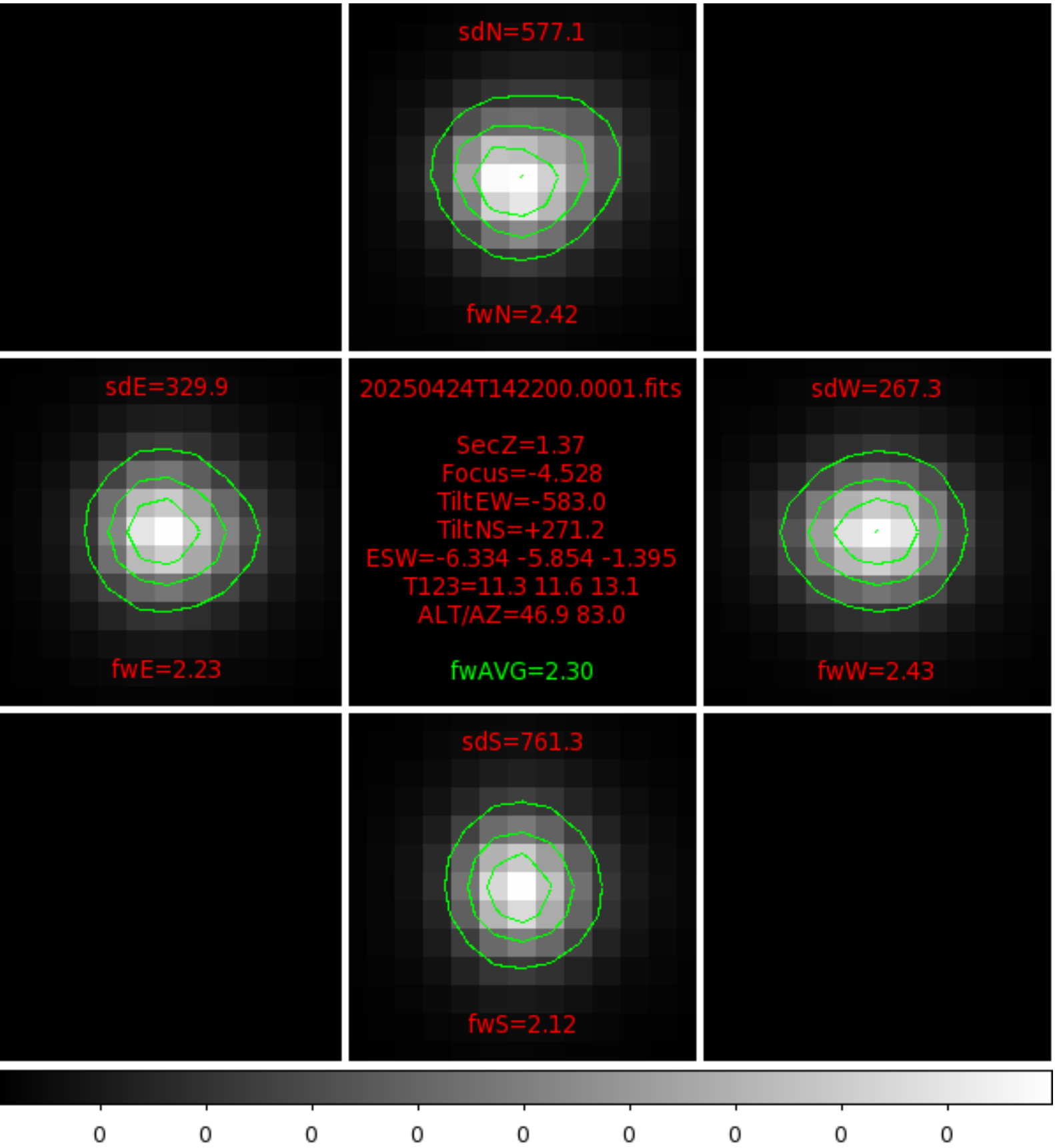
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SecZ=1.37
Focus=-4.528
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TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.3 11.6 13.1
ALT/AZ=46.9 83.0
fwAVG=2.30
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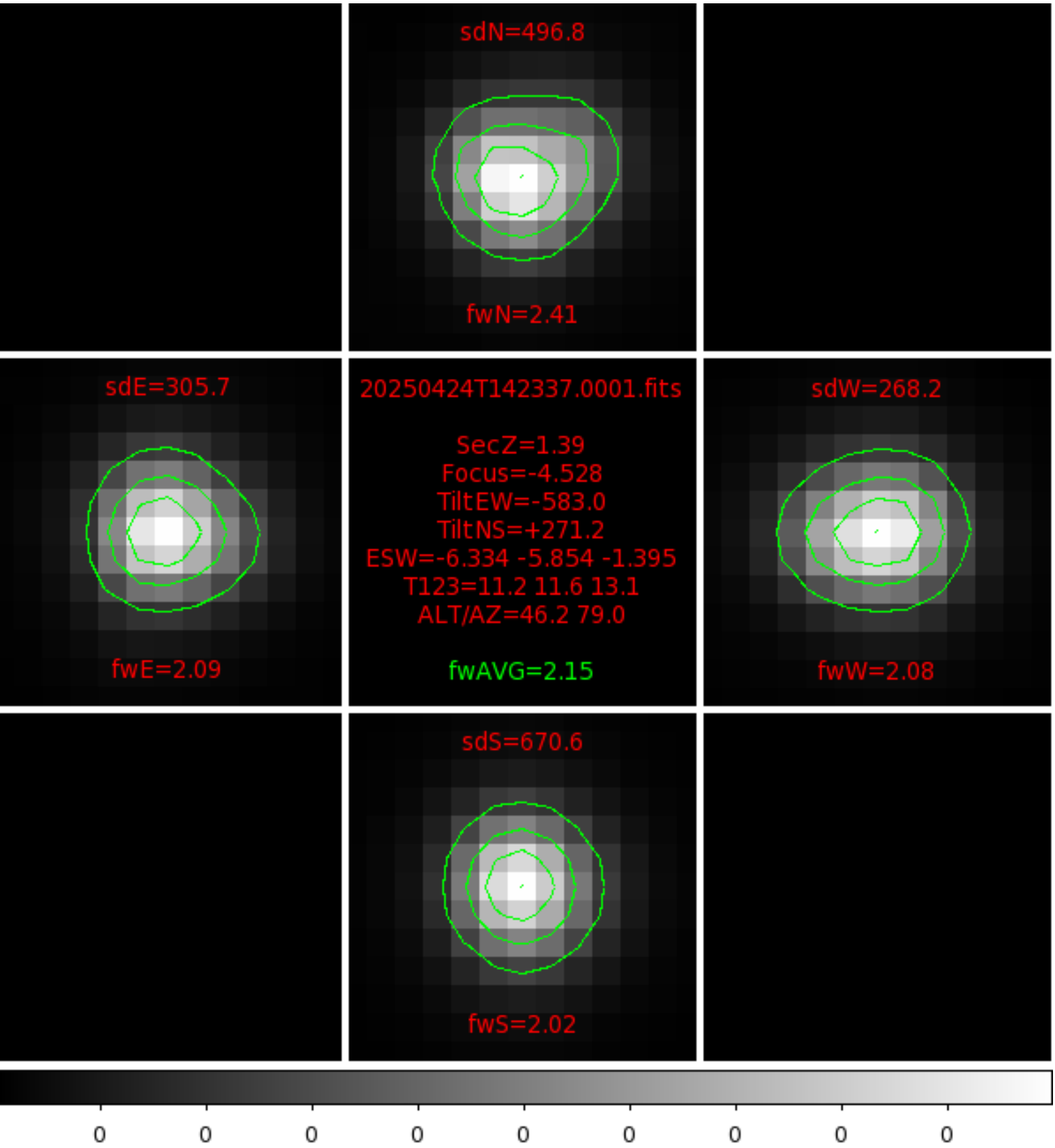
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sdE=305.7
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TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.2 11.6 13.1
ALT/AZ=46.2 79.0
fwAVG=2.15
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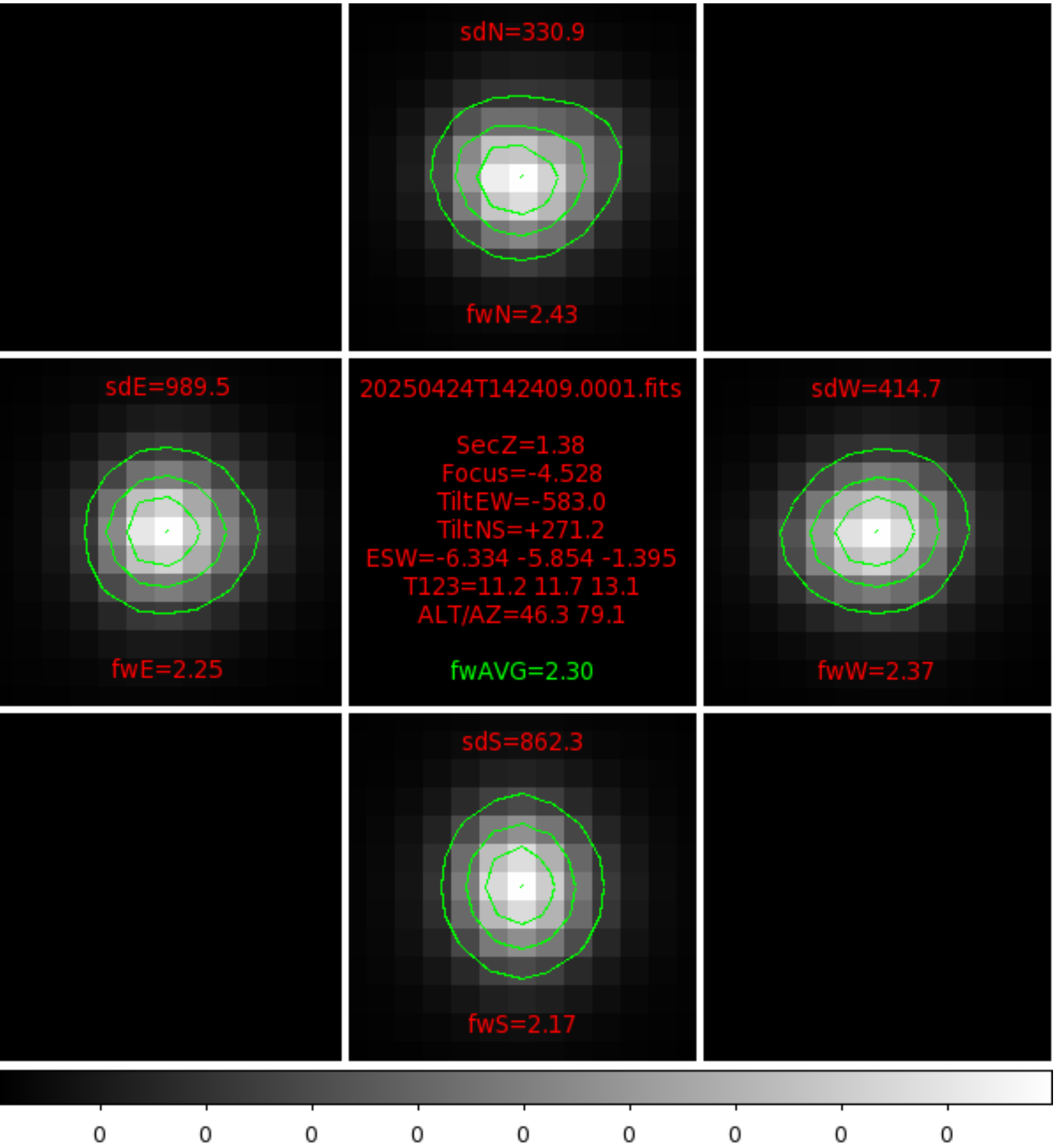
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SecZ=1.38
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ESW=-6.334 -5.854 -1.395
T123=11.2 11.7 13.1
ALT/AZ=46.3 79.1
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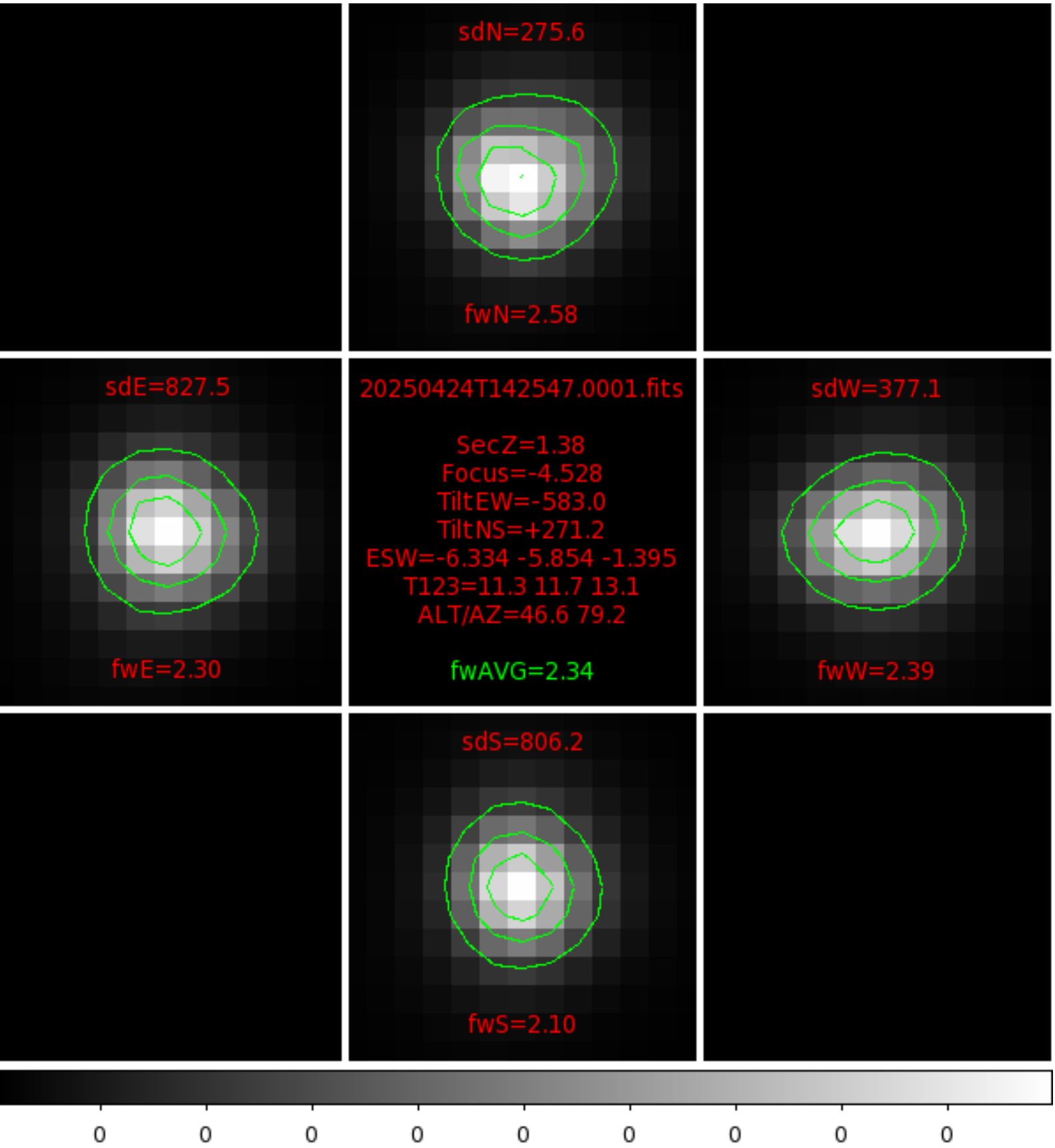
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sdE=827.5
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20250424T142547.0001.fits
SecZ=1.38
Focus=-4.528
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.3 11.7 13.1
ALT/AZ=46.6 79.2
fwAVG=2.34
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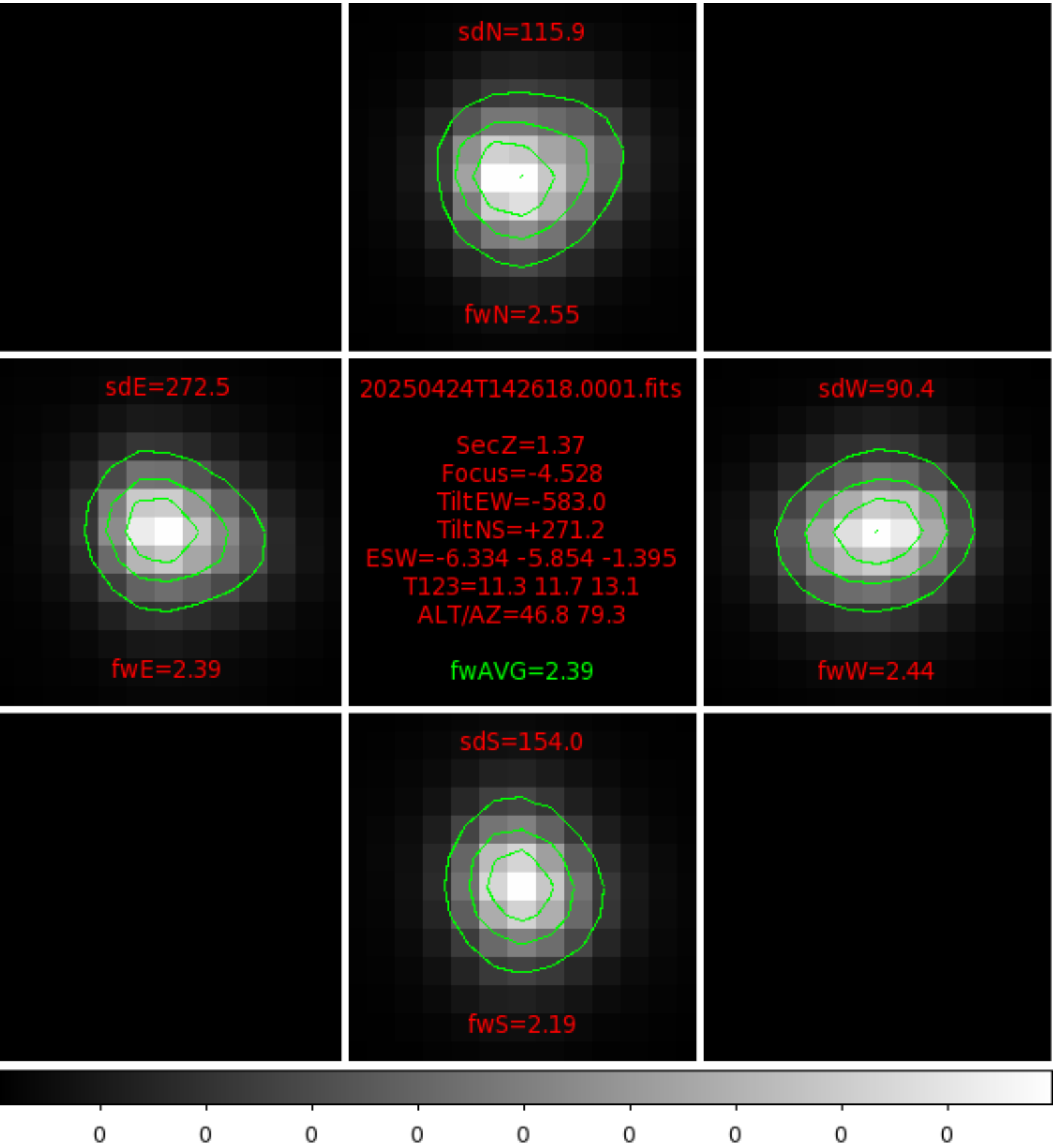
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SecZ=1.37
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ESW=-6.334 -5.854 -1.395
T123=11.3 11.7 13.1
ALT/AZ=46.8 79.3
fwAVG=2.39
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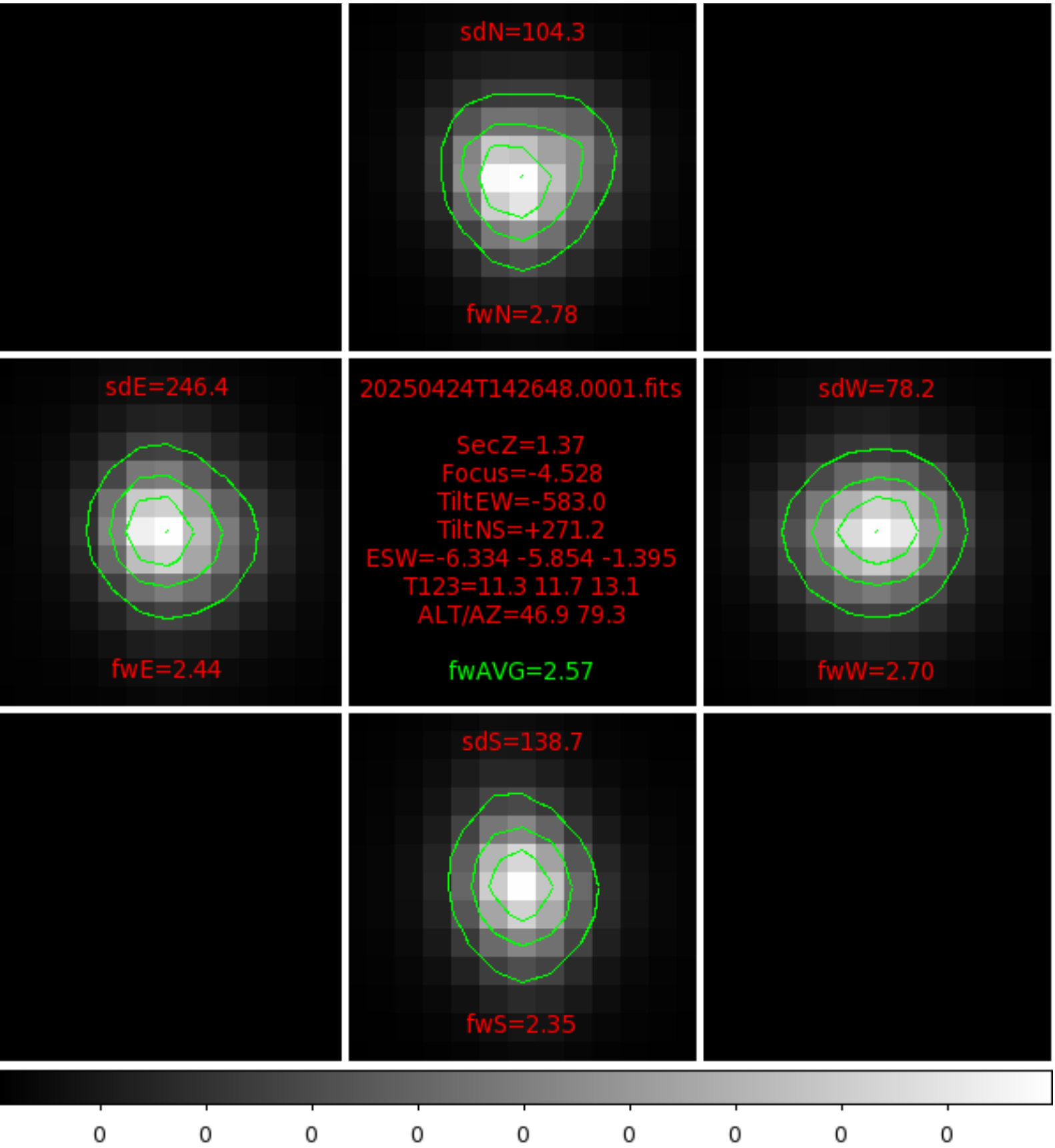
sdN=104.3
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sdE=246.4
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SecZ=1.37
Focus=-4.528
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.3 11.7 13.1
ALT/AZ=46.9 79.3
fwAVG=2.57
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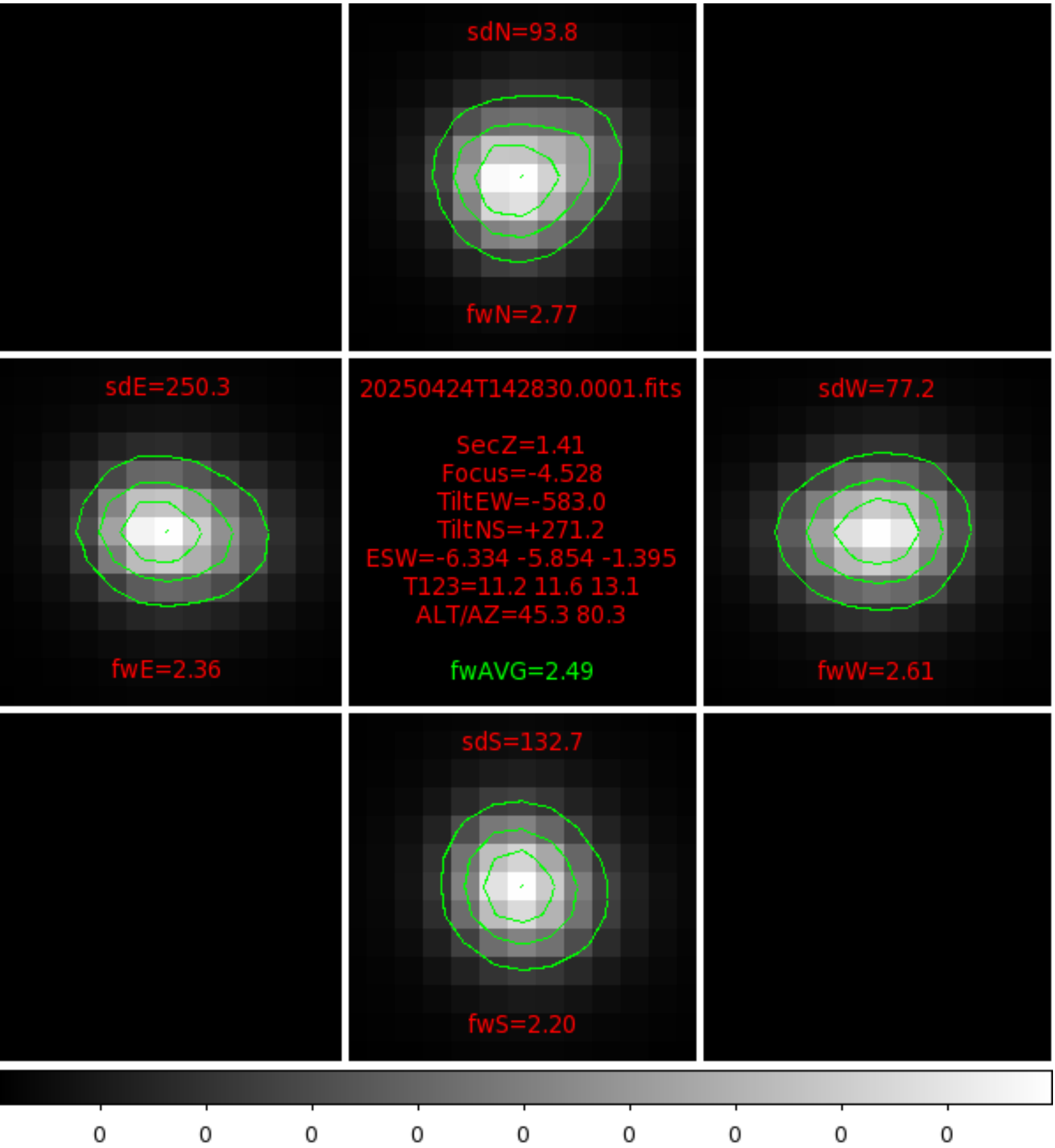
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sdE=250.3
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20250424T142830.0001.fits
SecZ=1.41
Focus=-4.528
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.2 11.6 13.1
ALT/AZ=45.3 80.3
fwAVG=2.49
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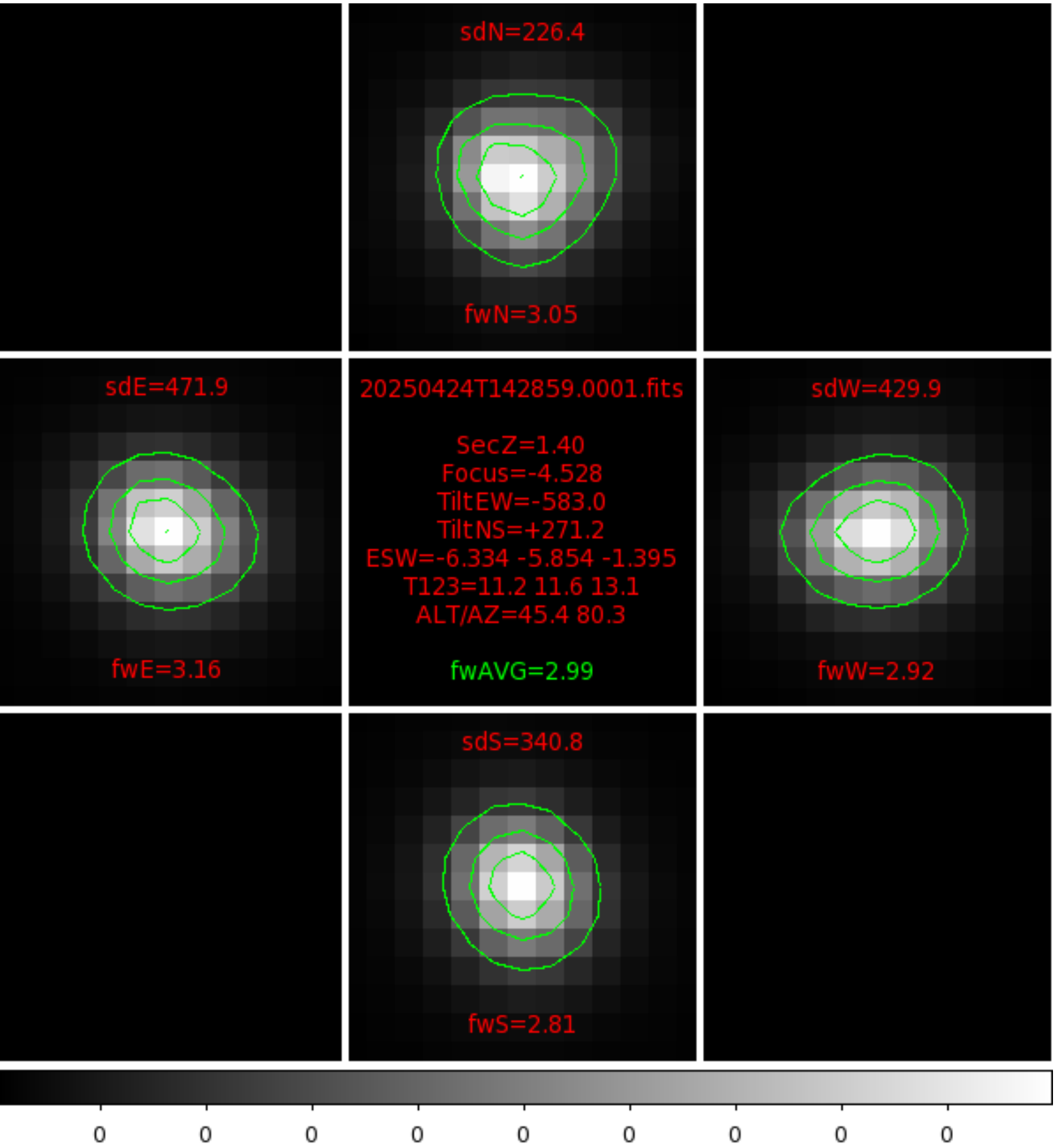
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20250424T142859.0001.fits
SecZ=1.40
Focus=-4.528
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.2 11.6 13.1
ALT/AZ=45.4 80.3
fwAVG=2.99
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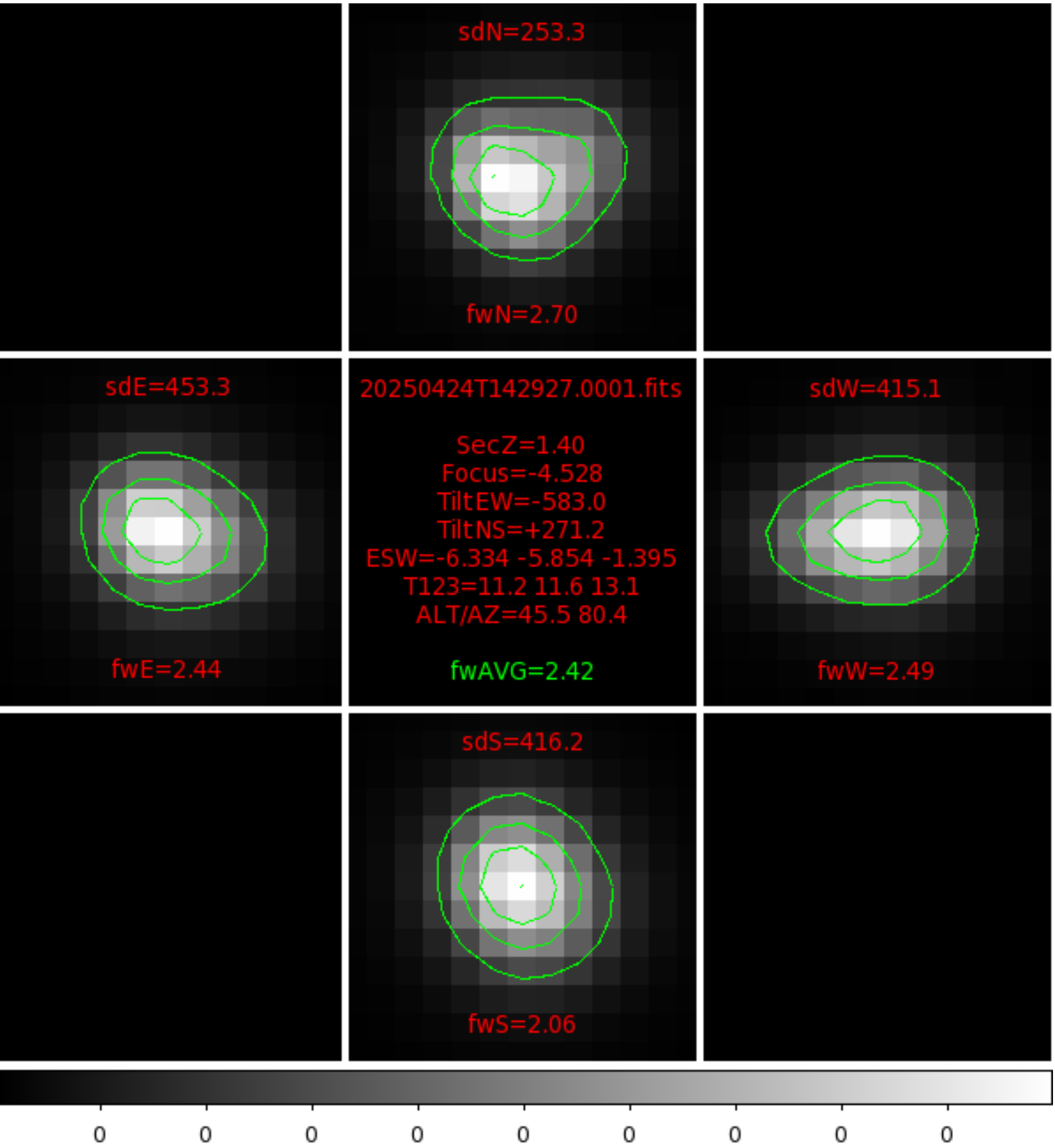
sdN=253.3
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sdE=453.3
fwE=2.44
20250424T142927.0001.fits
SecZ=1.40
Focus=-4.528
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.2 11.6 13.1
ALT/AZ=45.5 80.4
fwAVG=2.42
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sdS=416.2
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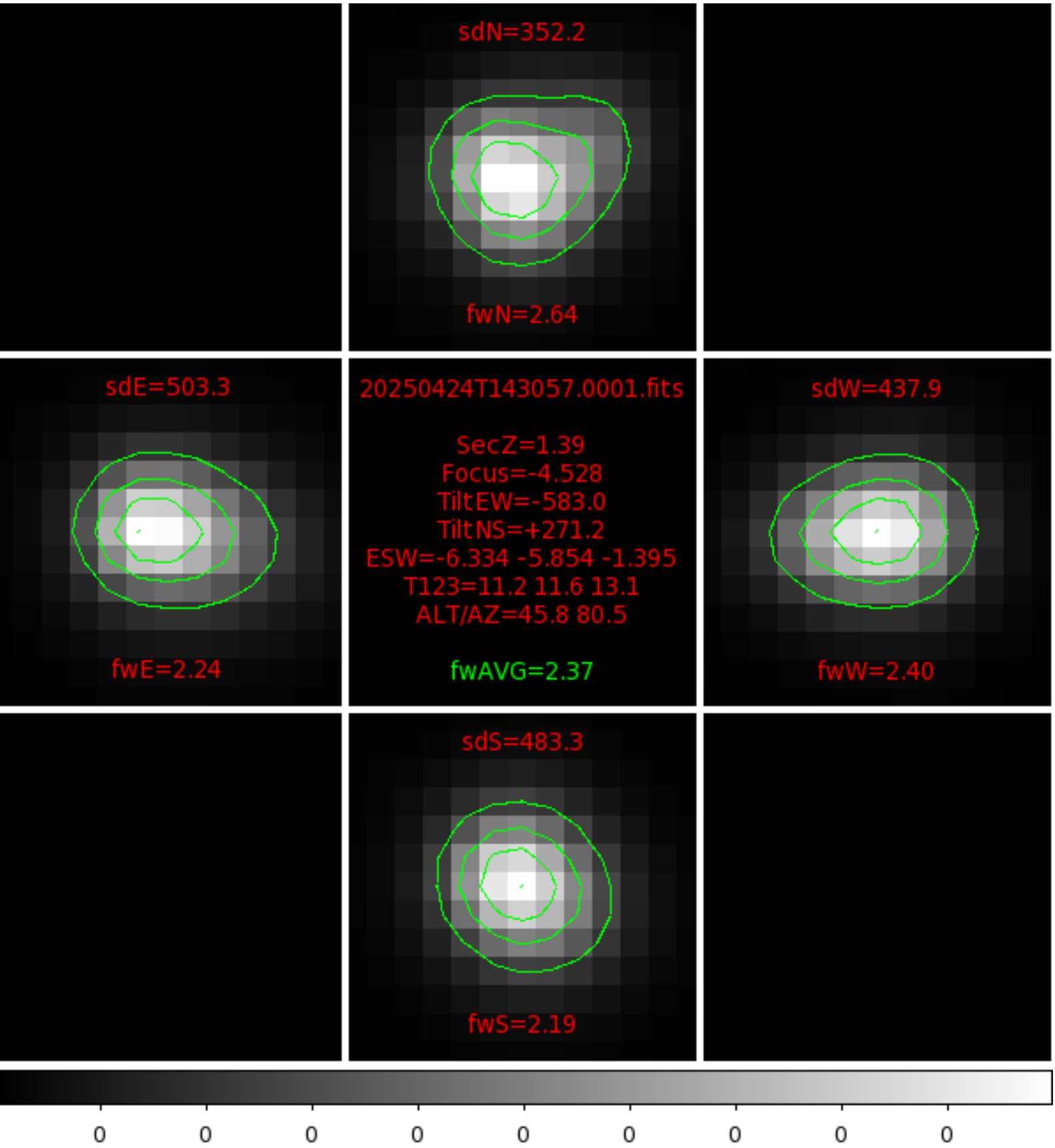
sdN=352.2
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20250424T143057.0001.fits
SecZ=1.39
Focus=-4.528
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.2 11.6 13.1
ALT/AZ=45.8 80.5
fwAVG=2.37
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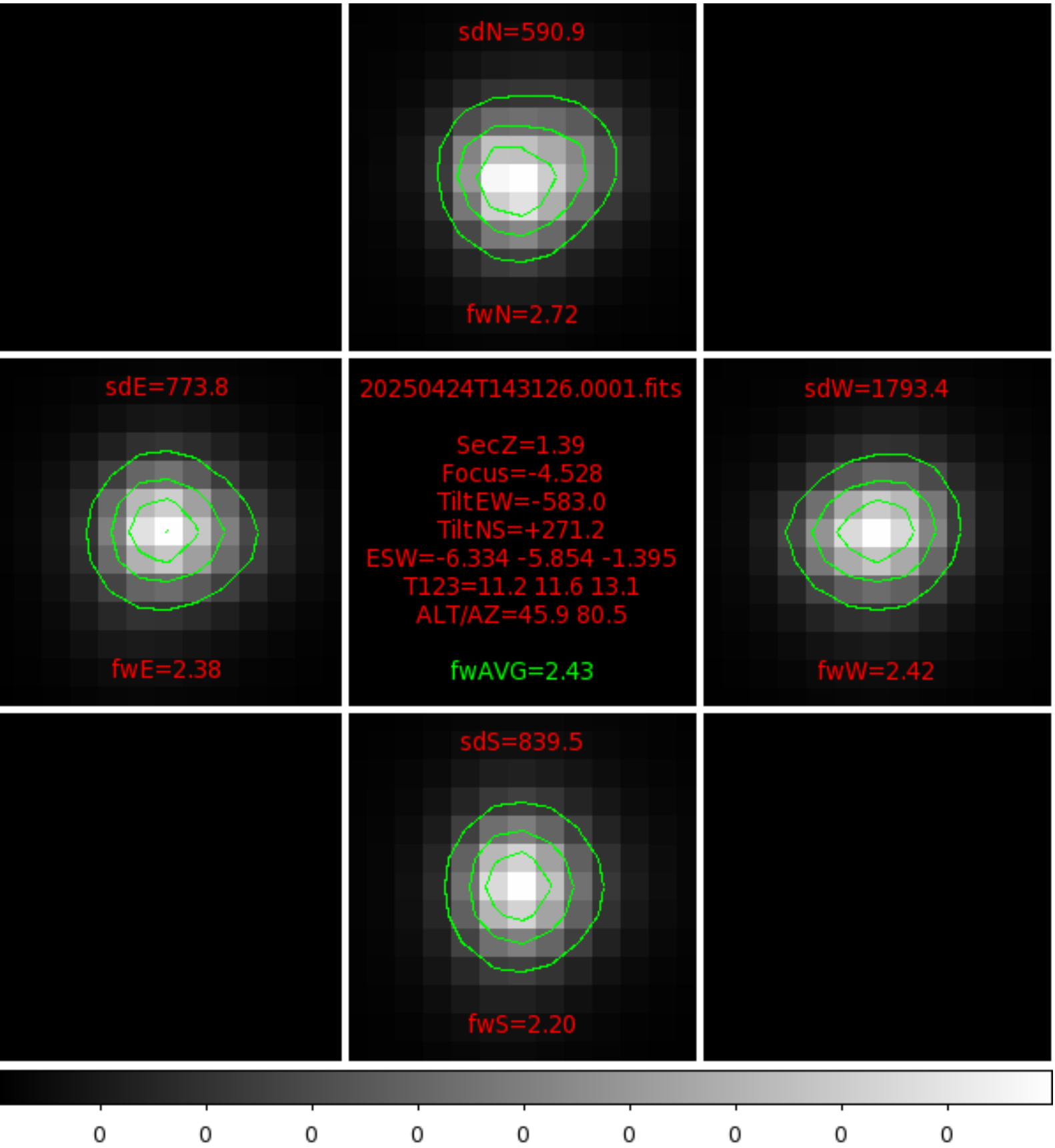
sdN=590.9
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sdE=773.8
fwE=2.38
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SecZ=1.39
Focus=-4.528
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.2 11.6 13.1
ALT/AZ=45.9 80.5
fwAVG=2.43
sdW=1793.4
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sdS=839.5
fwS=2.20
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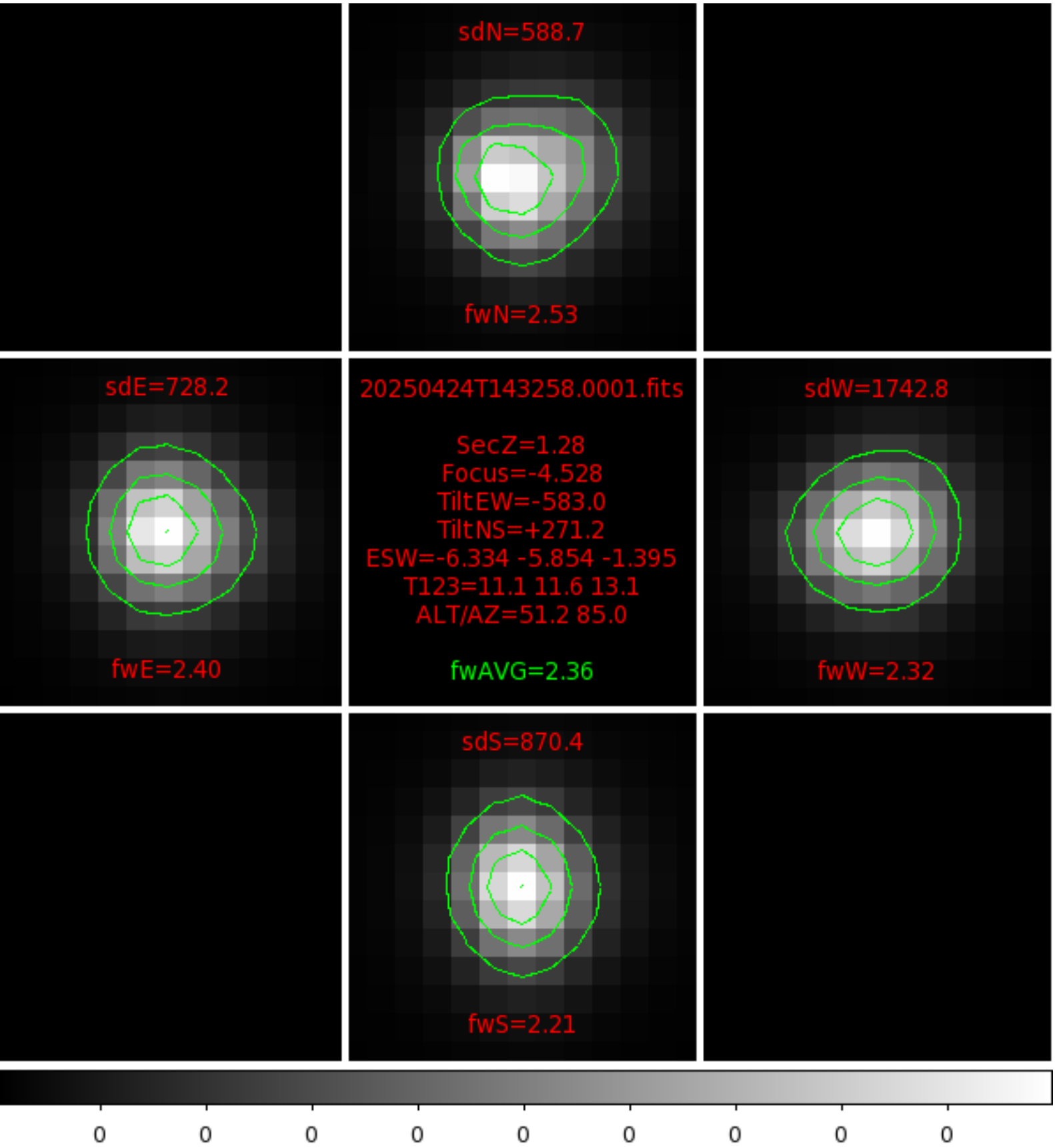
sdN=588.7
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fwE=2.40
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SecZ=1.28
Focus=-4.528
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.1 11.6 13.1
ALT/AZ=51.2 85.0
fwAVG=2.36
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sdS=870.4
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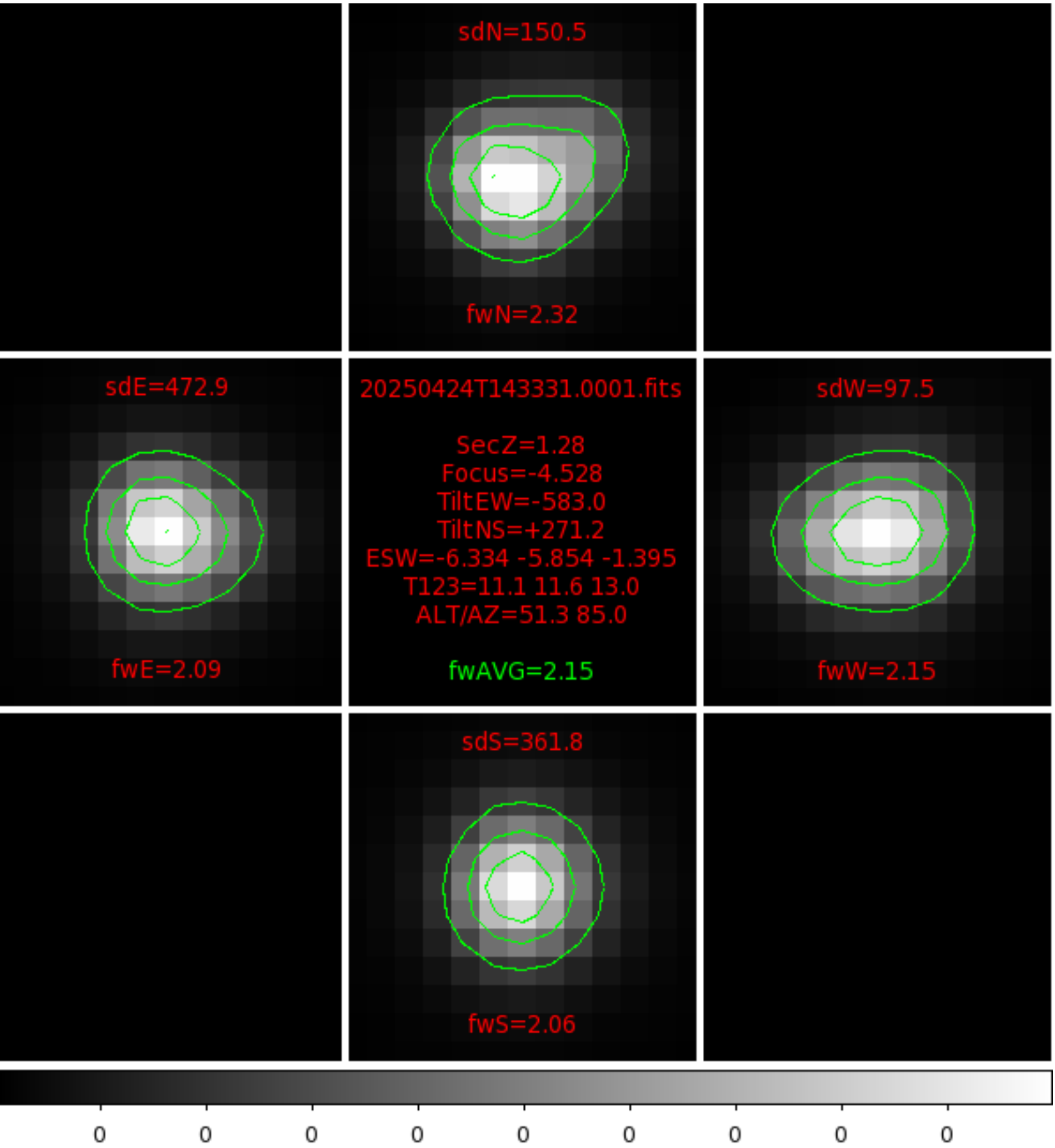
sdN=150.5
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SecZ=1.28
Focus=-4.528
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.1 11.6 13.0
ALT/AZ=51.3 85.0
fwAVG=2.15
sdW=97.5
fwW=2.15
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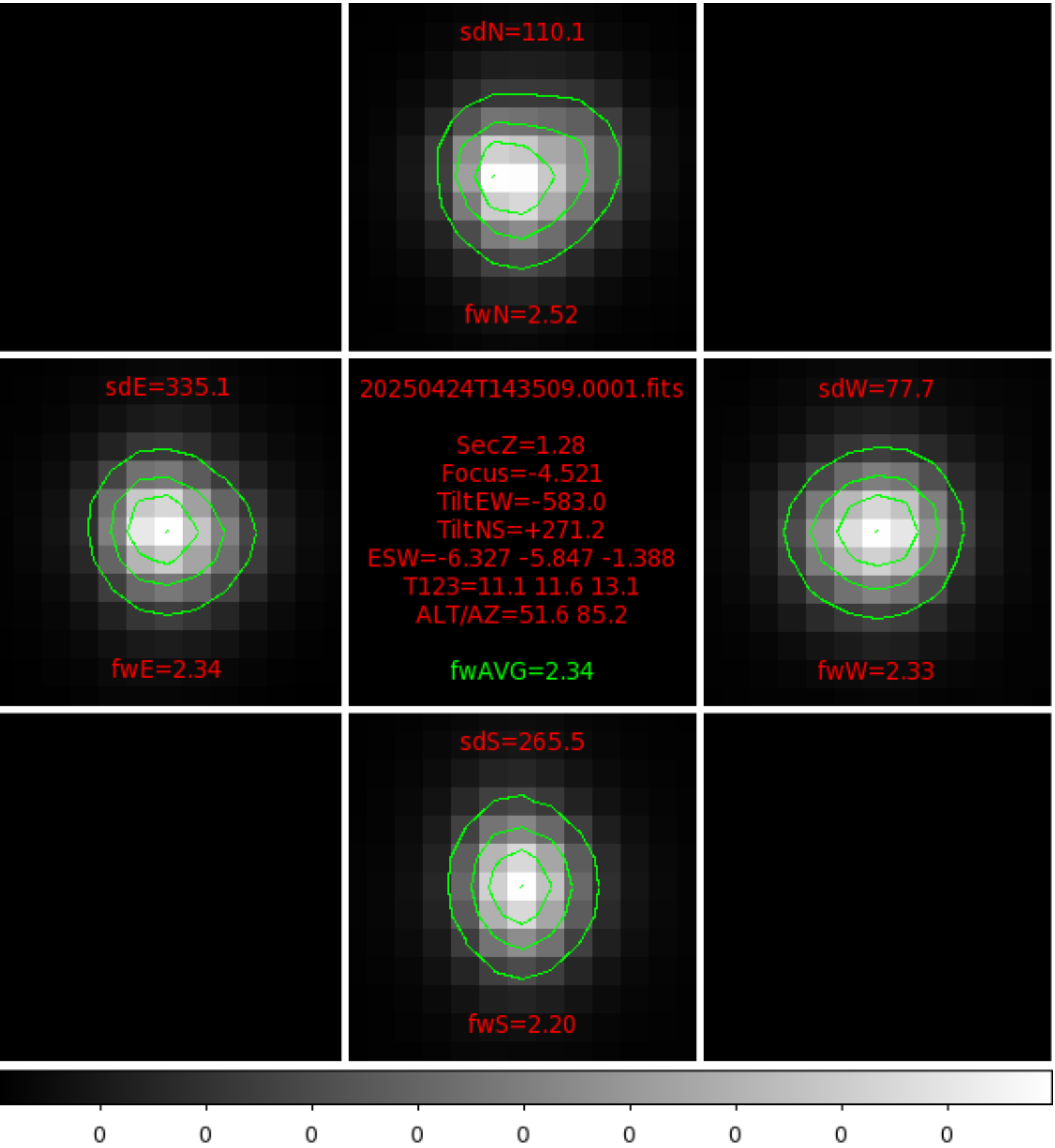
sdN=110.1
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sdE=335.1
fwE=2.34
20250424T143509.0001.fits
SecZ=1.28
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.1 11.6 13.1
ALT/AZ=51.6 85.2
fwAVG=2.34
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sdS=265.5
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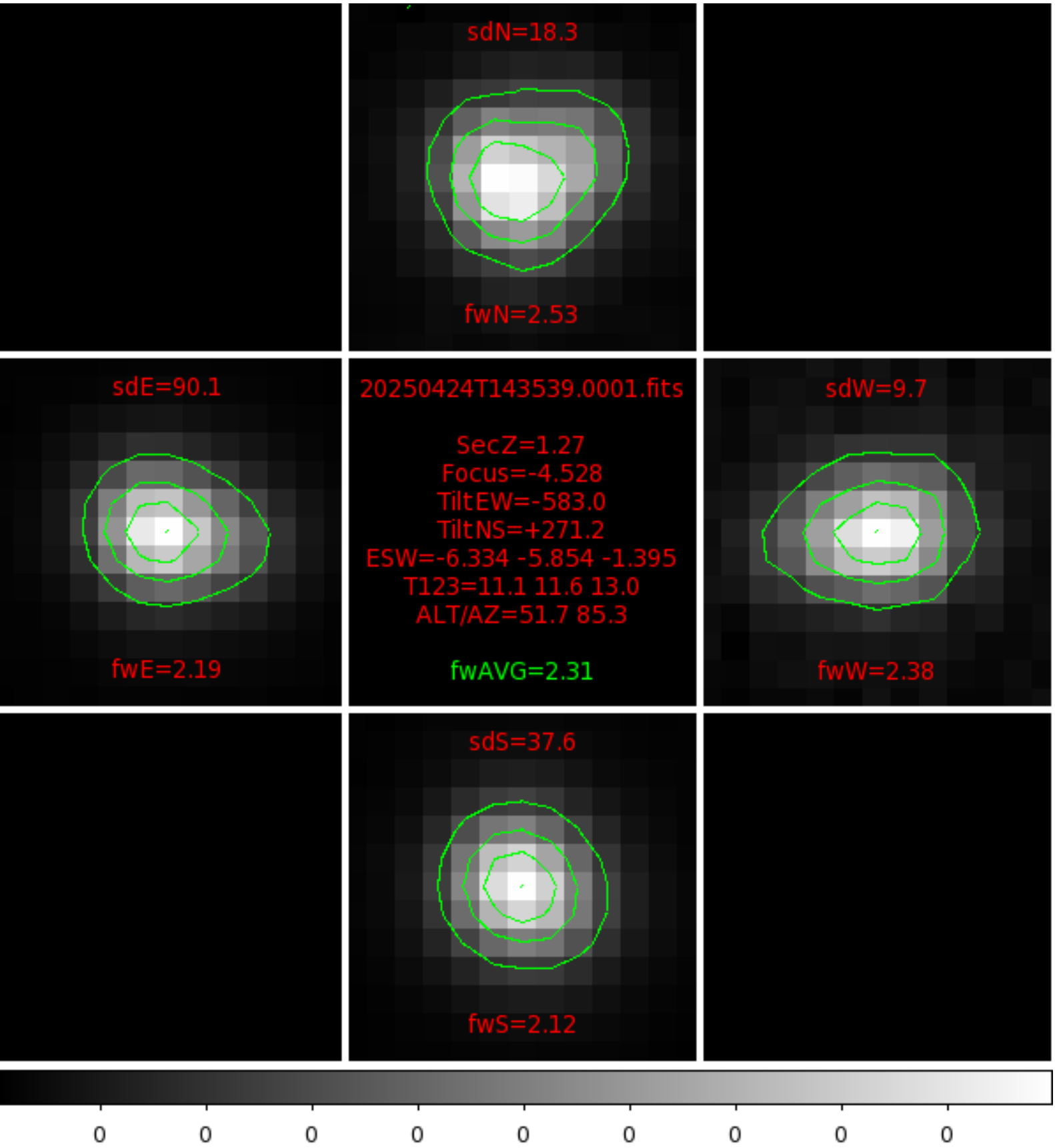
sdN=18.3
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sdE=90.1
fwE=2.19
20250424T143539.0001.fits
SecZ=1.27
Focus=-4.528
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.334 -5.854 -1.395
T123=11.1 11.6 13.0
ALT/AZ=51.7 85.3
fwAVG=2.31
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sdS=37.6
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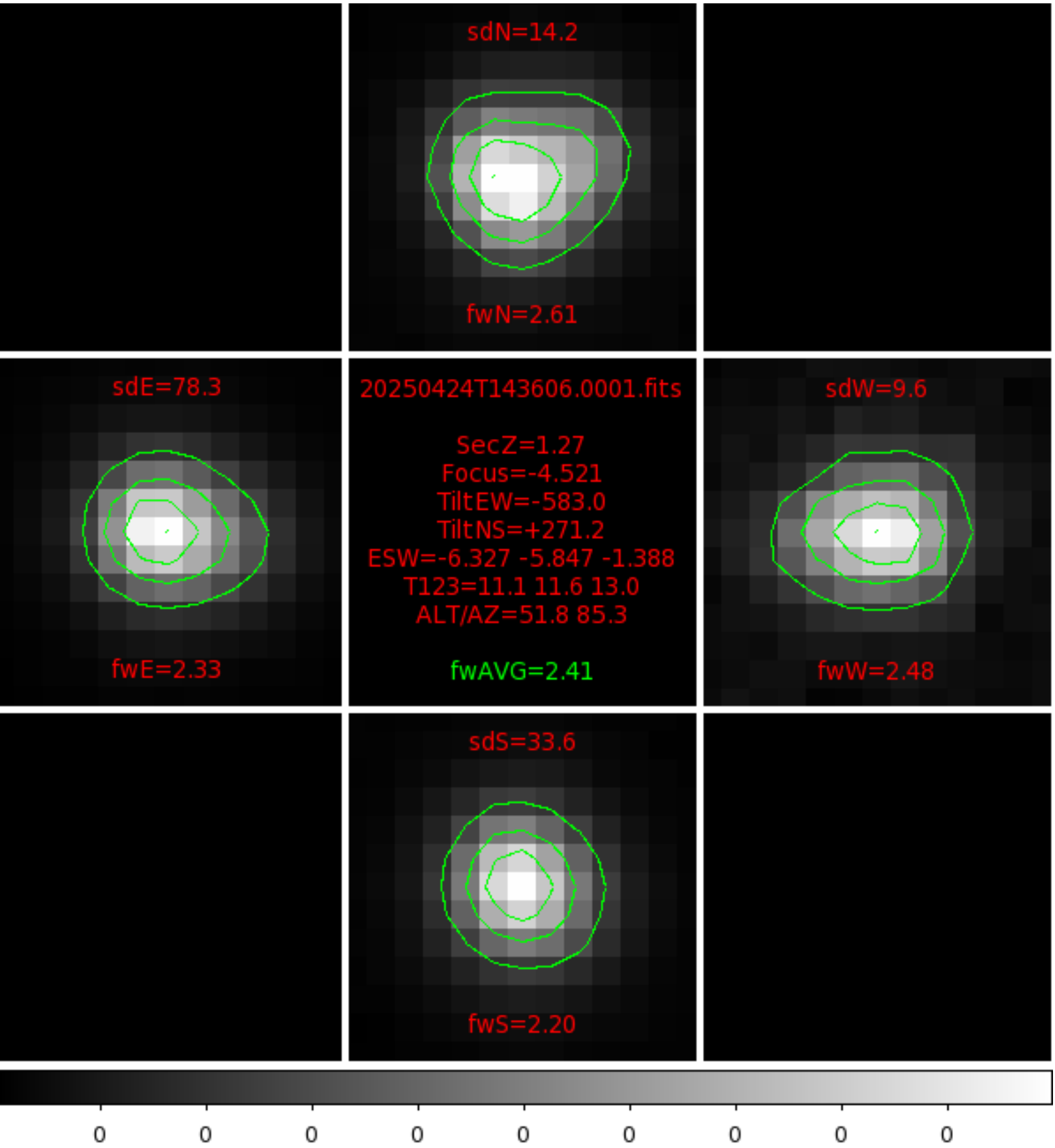
sdN=14.2
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sdE=78.3
fwE=2.33
20250424T143606.0001.fits
SecZ=1.27
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.1 11.6 13.0
ALT/AZ=51.8 85.3
fwAVG=2.41
sdW=9.6
fwW=2.48
sdS=33.6
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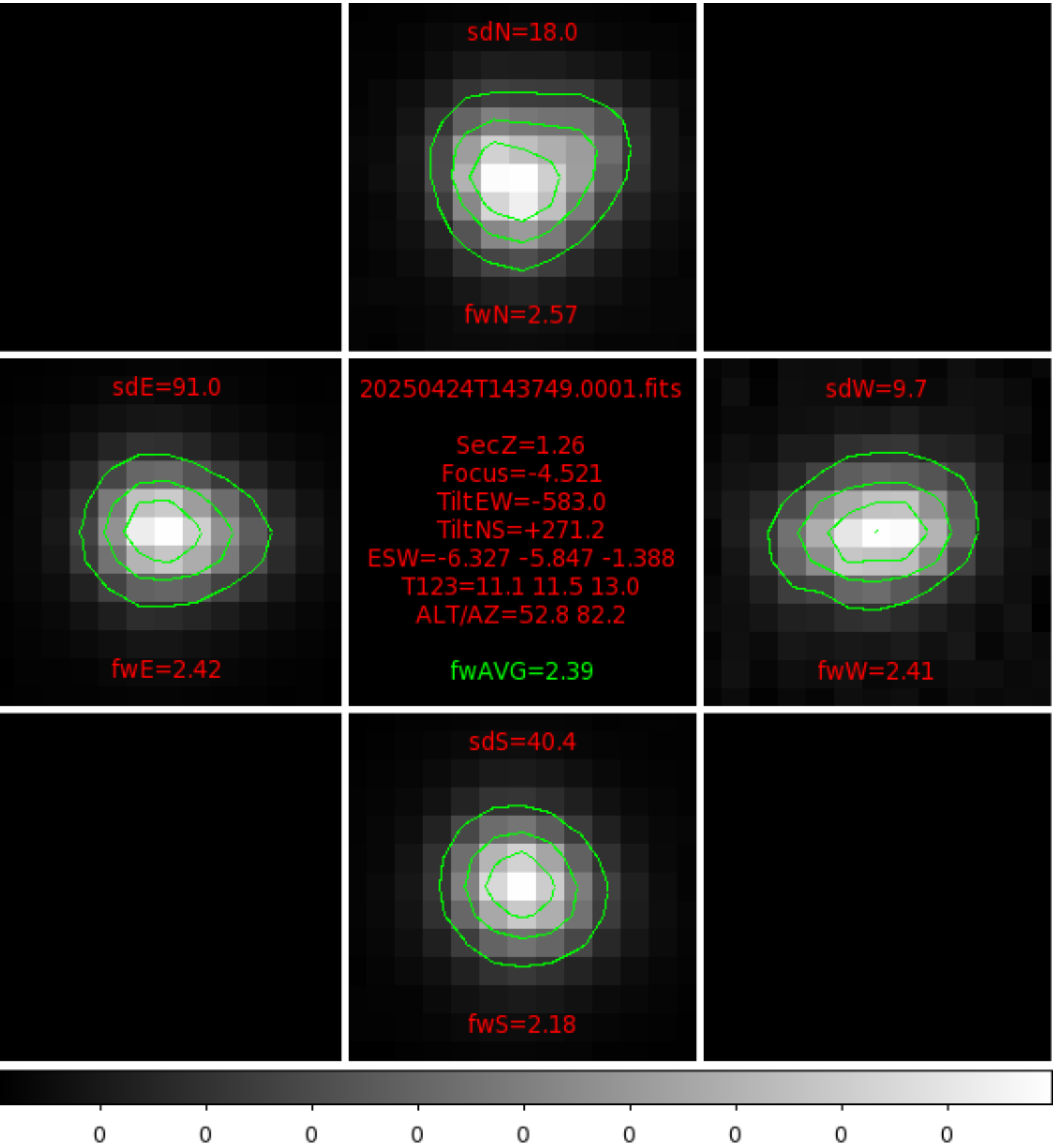
sdN=18.0
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SecZ=1.26
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.1 11.5 13.0
ALT/AZ=52.8 82.2
fwAVG=2.39
sdW=9.7
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sdS=40.4
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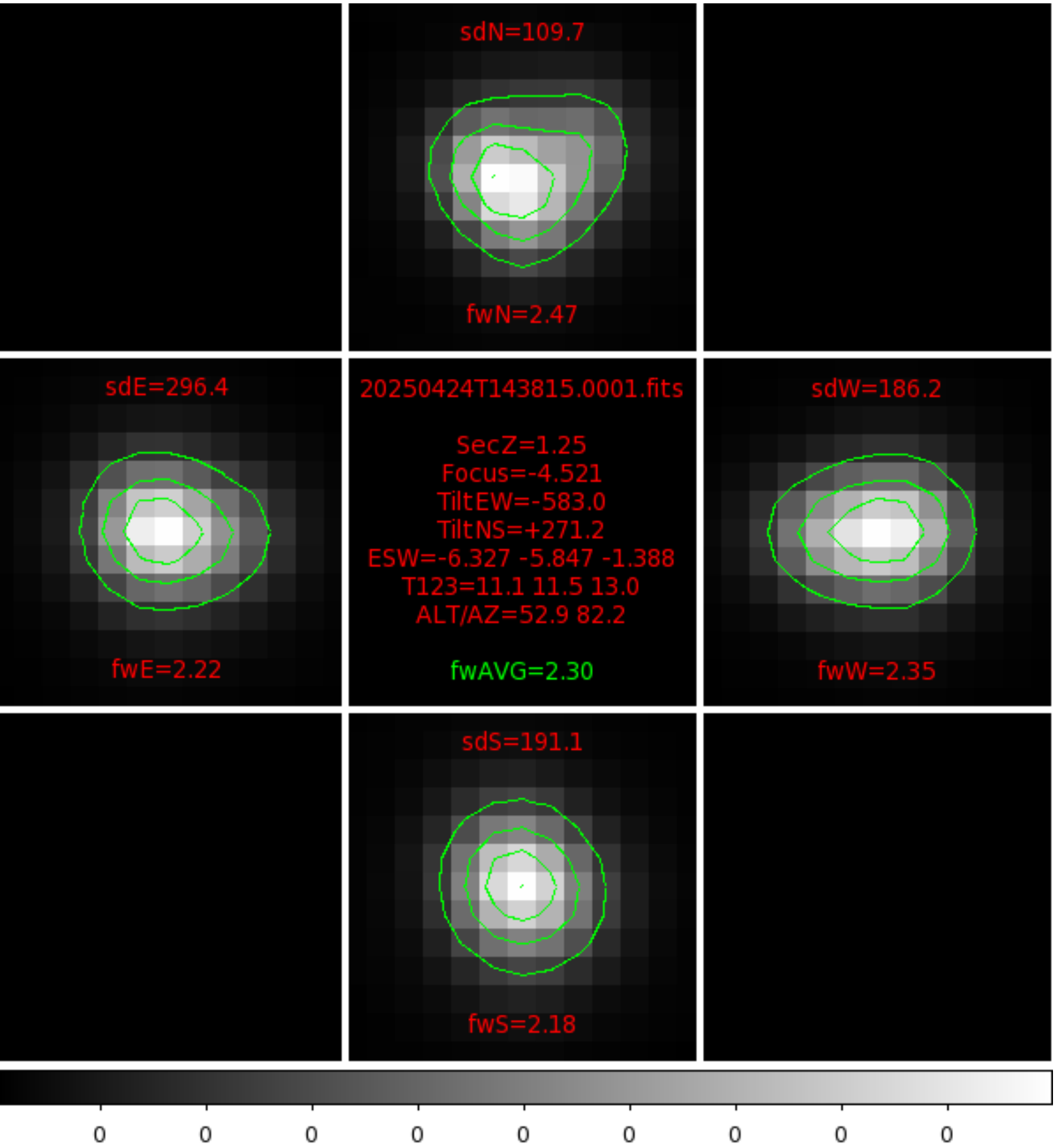
sdN=109.7
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sdE=296.4
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SecZ=1.25
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.1 11.5 13.0
ALT/AZ=52.9 82.2
fwAVG=2.30
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sdS=191.1
fwS=2.18
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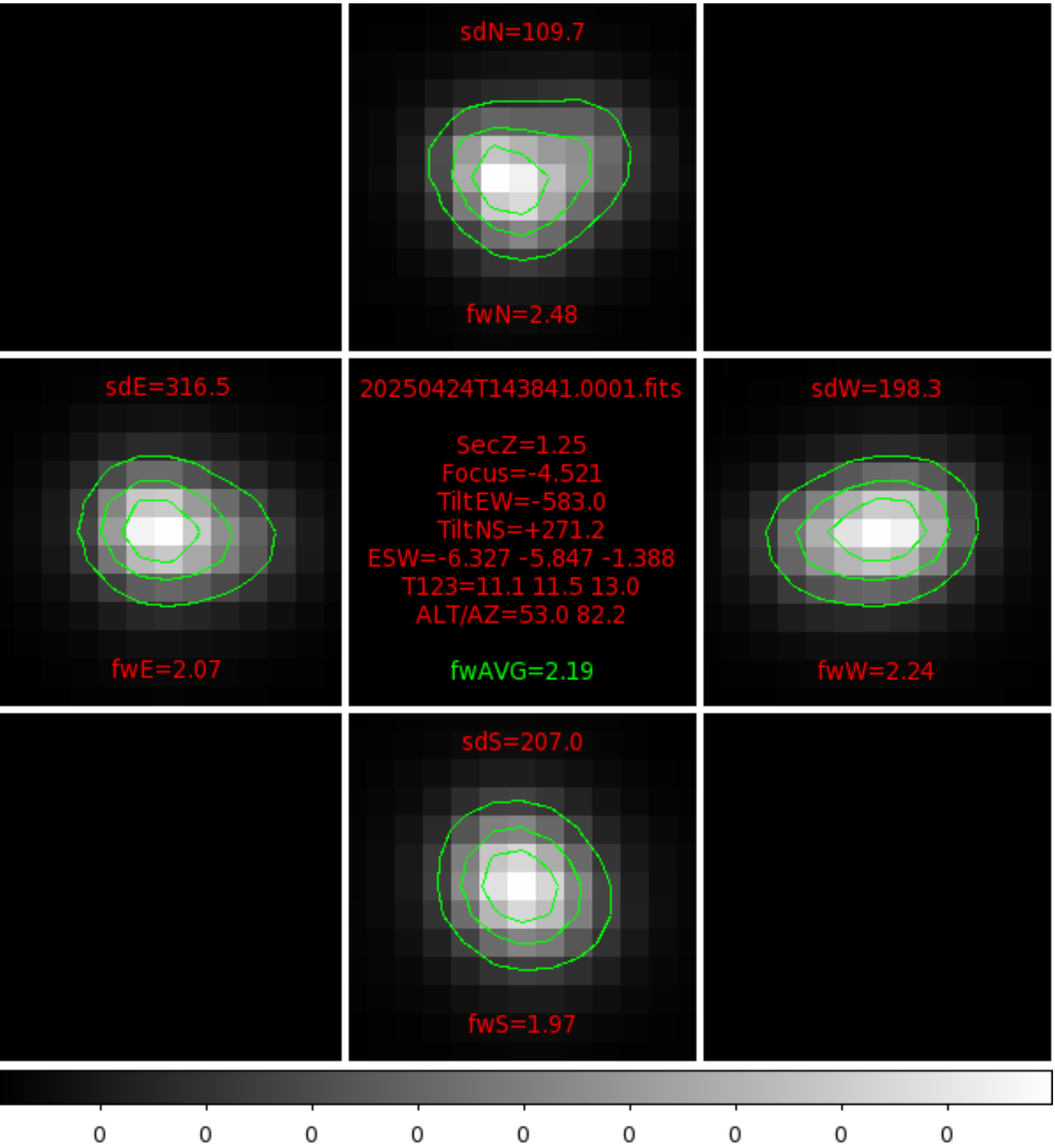
sdN=109.7
fwN=2.48
sdE=316.5
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SecZ=1.25
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.1 11.5 13.0
ALT/AZ=53.0 82.2
fwAVG=2.19
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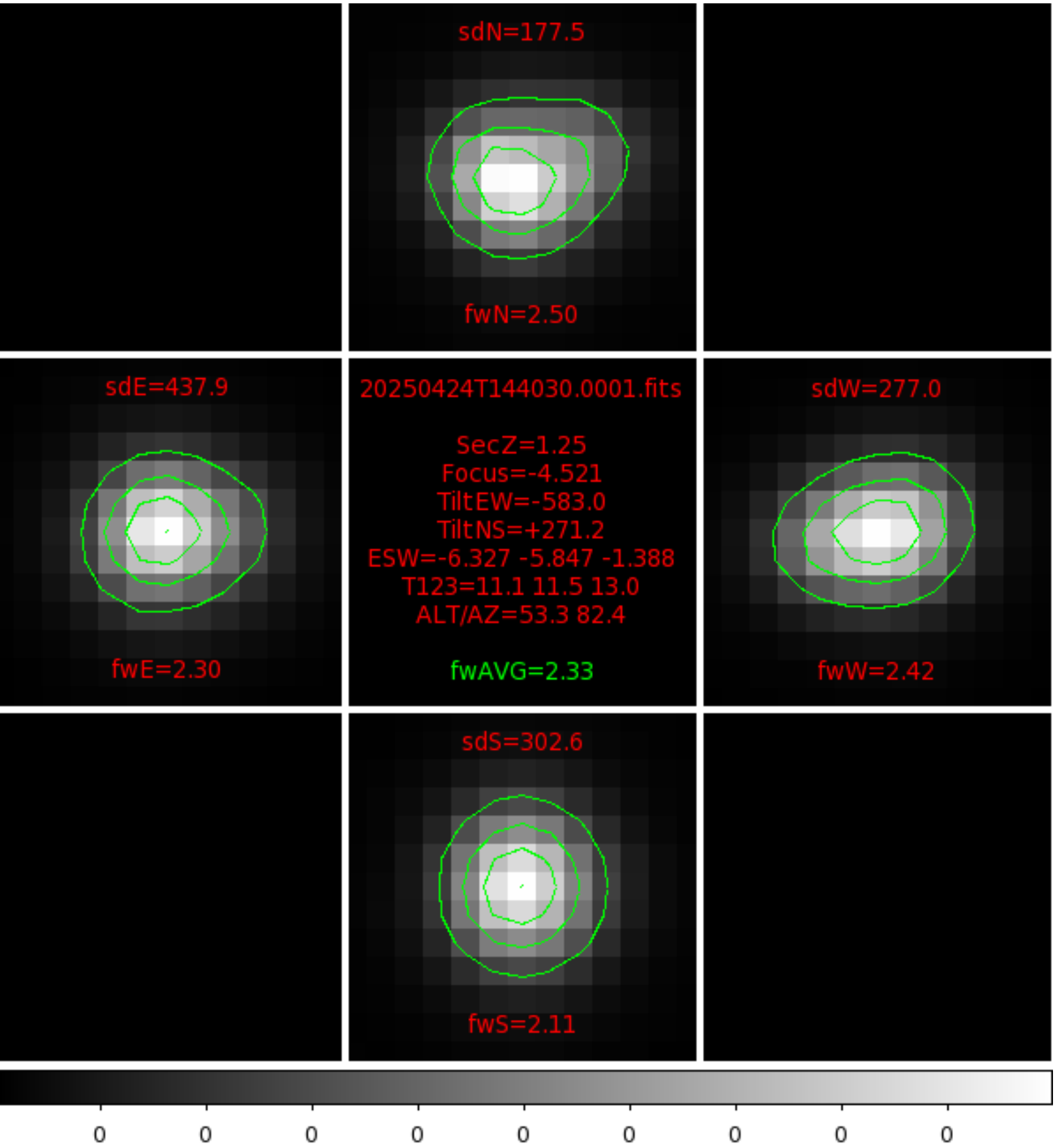
sdN=177.5
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sdE=437.9
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SecZ=1.25
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.1 11.5 13.0
ALT/AZ=53.3 82.4
fwAVG=2.33
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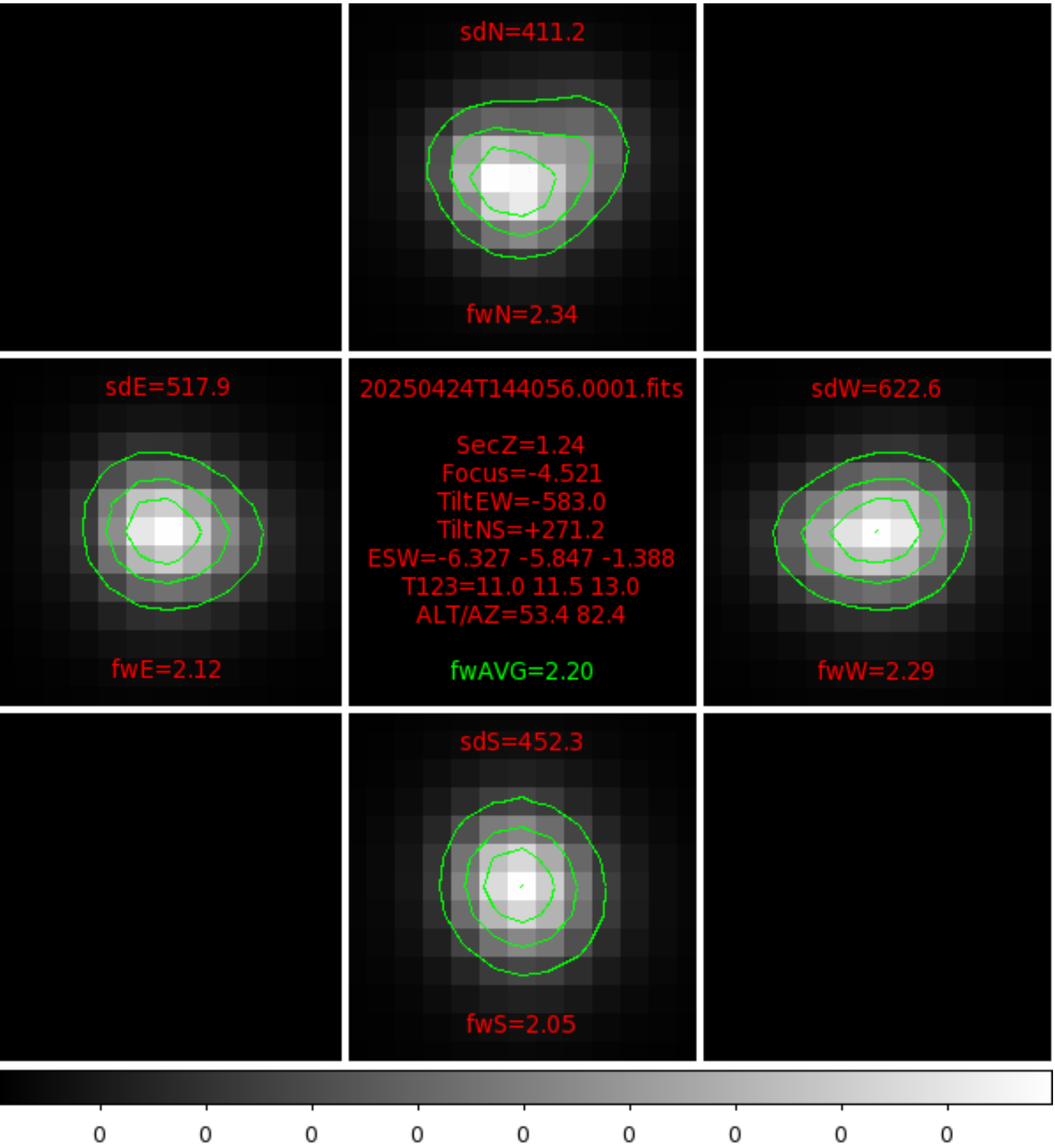
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sdE=517.9
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SecZ=1.24
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.0 11.5 13.0
ALT/AZ=53.4 82.4
fwAVG=2.20
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sdS=452.3
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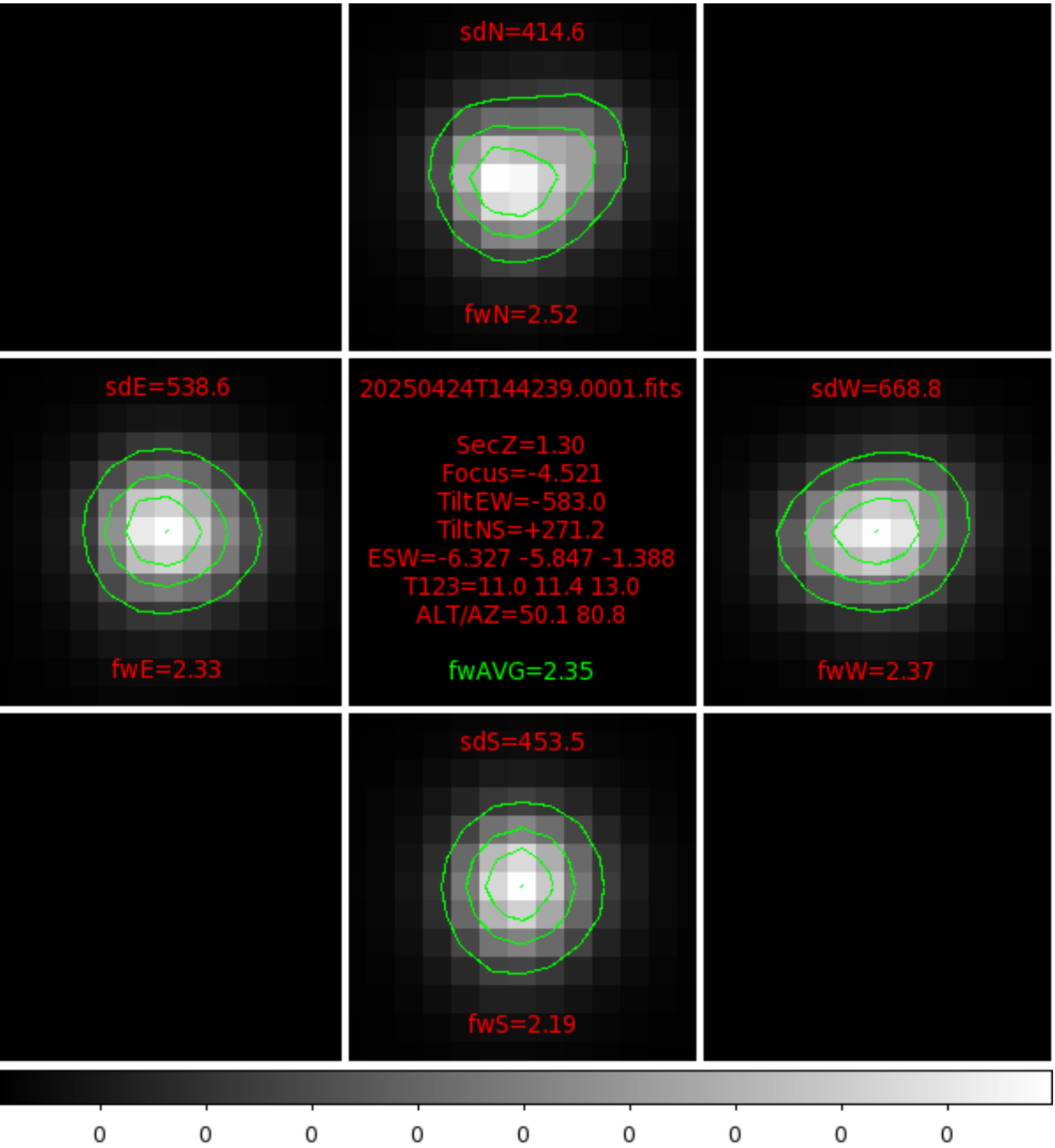
sdN=414.6
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sdE=538.6
fwE=2.33
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SecZ=1.30
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.0 11.4 13.0
ALT/AZ=50.1 80.8
fwAVG=2.35
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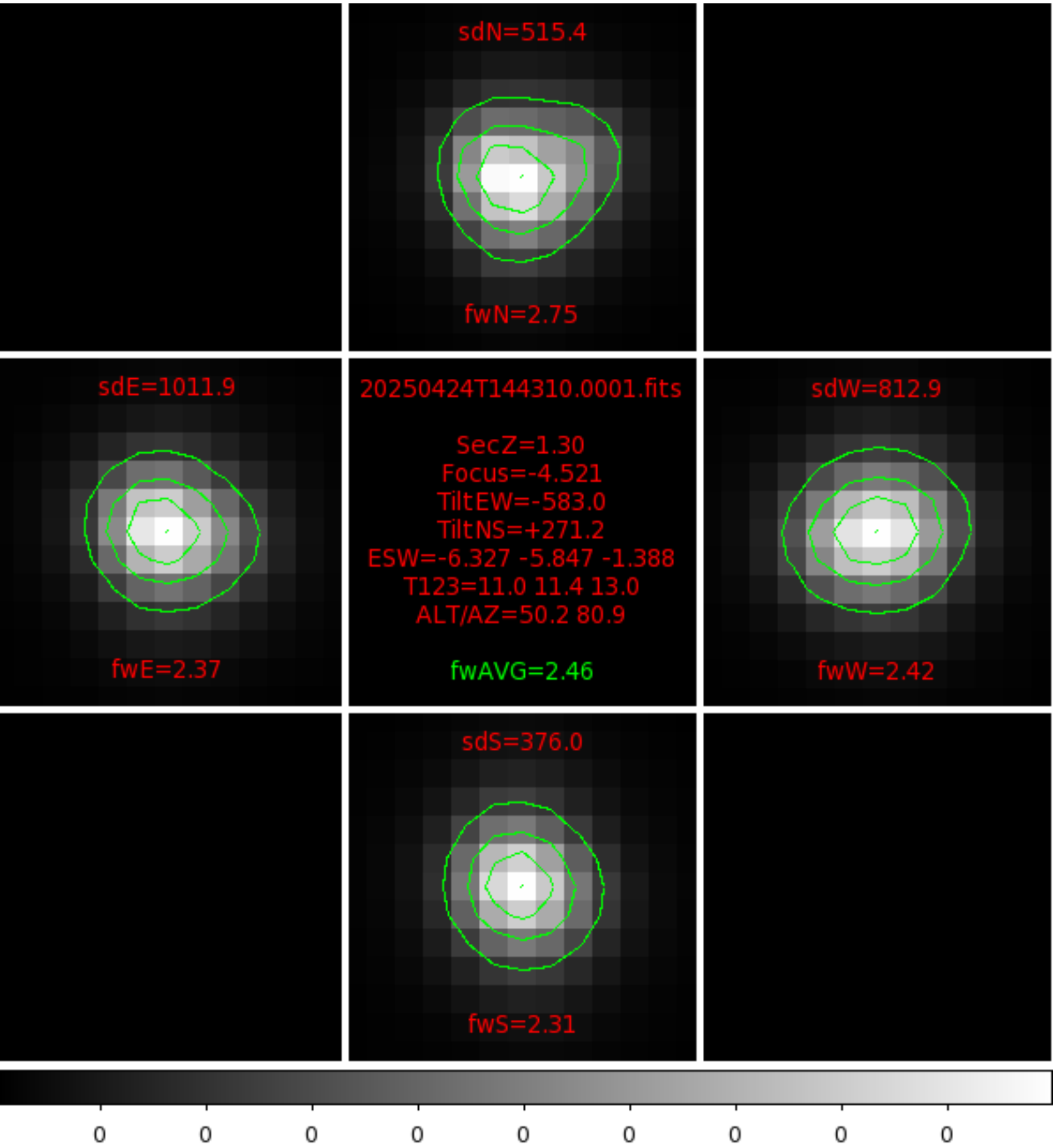
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sdE=1011.9
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SecZ=1.30
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.0 11.4 13.0
ALT/AZ=50.2 80.9
fwAVG=2.46
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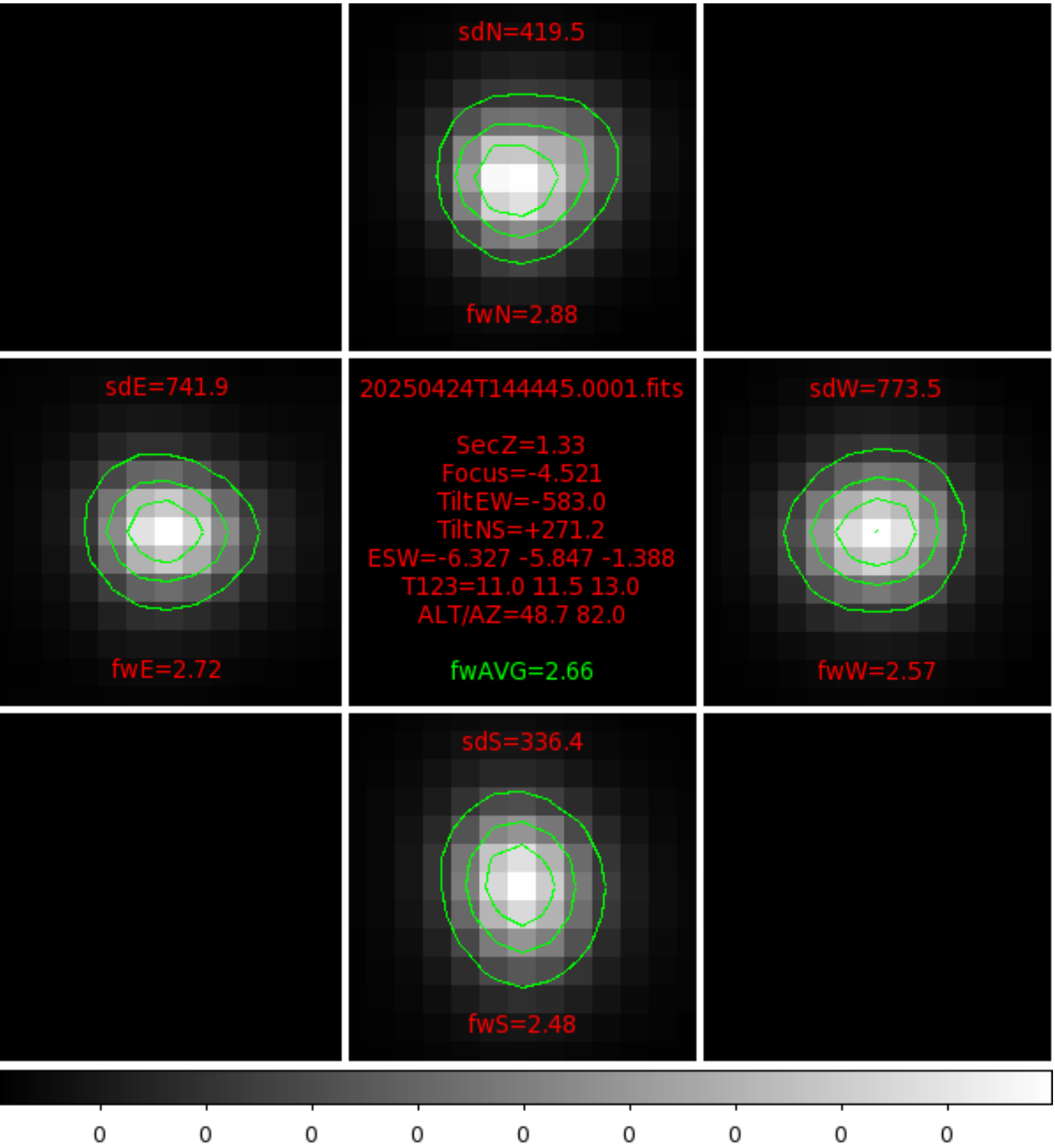
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SecZ=1.33
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.0 11.5 13.0
ALT/AZ=48.7 82.0
fwAVG=2.66
sdW=773.5
fwW=2.57
sdS=336.4
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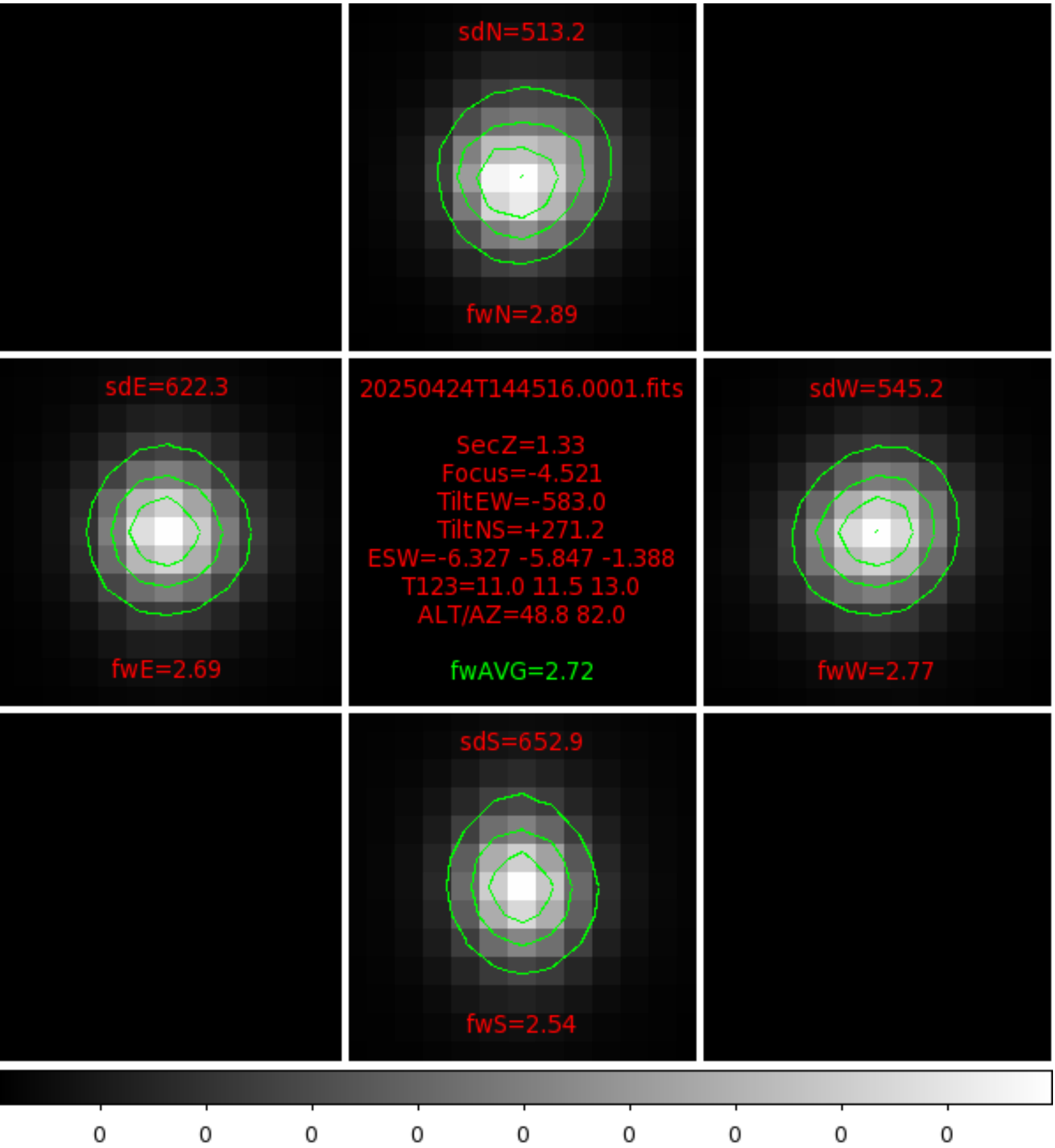
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sdE=622.3
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SecZ=1.33
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.0 11.5 13.0
ALT/AZ=48.8 82.0
fwAVG=2.72
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sdS=652.9
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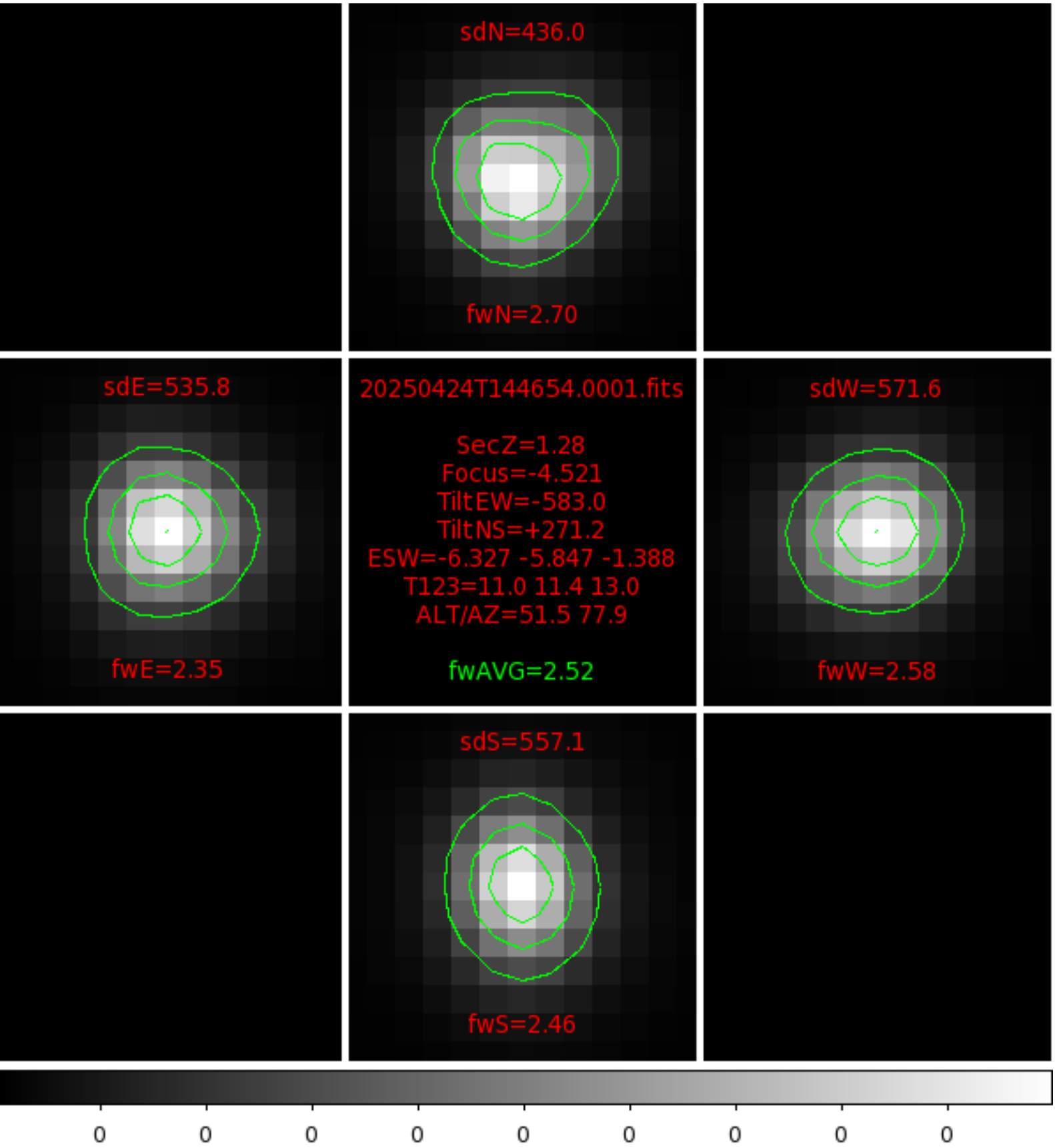
sdN=436.0
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sdE=535.8
fwE=2.35
20250424T144654.0001.fits
SecZ=1.28
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.0 11.4 13.0
ALT/AZ=51.5 77.9
fwAVG=2.52
sdW=571.6
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sdS=557.1
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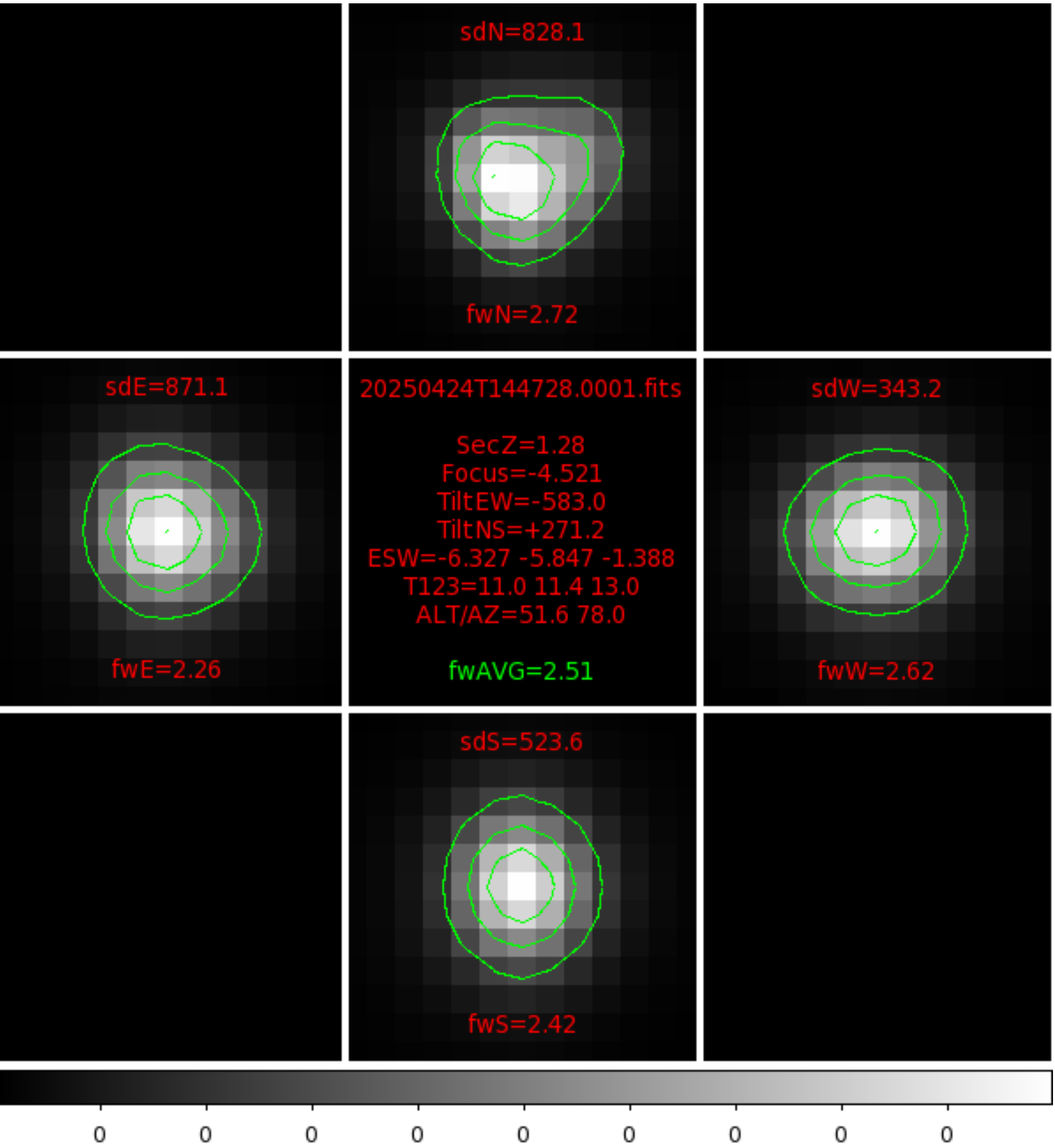
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sdE=871.1
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SecZ=1.28
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=11.0 11.4 13.0
ALT/AZ=51.6 78.0
fwAVG=2.51
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sdS=523.6
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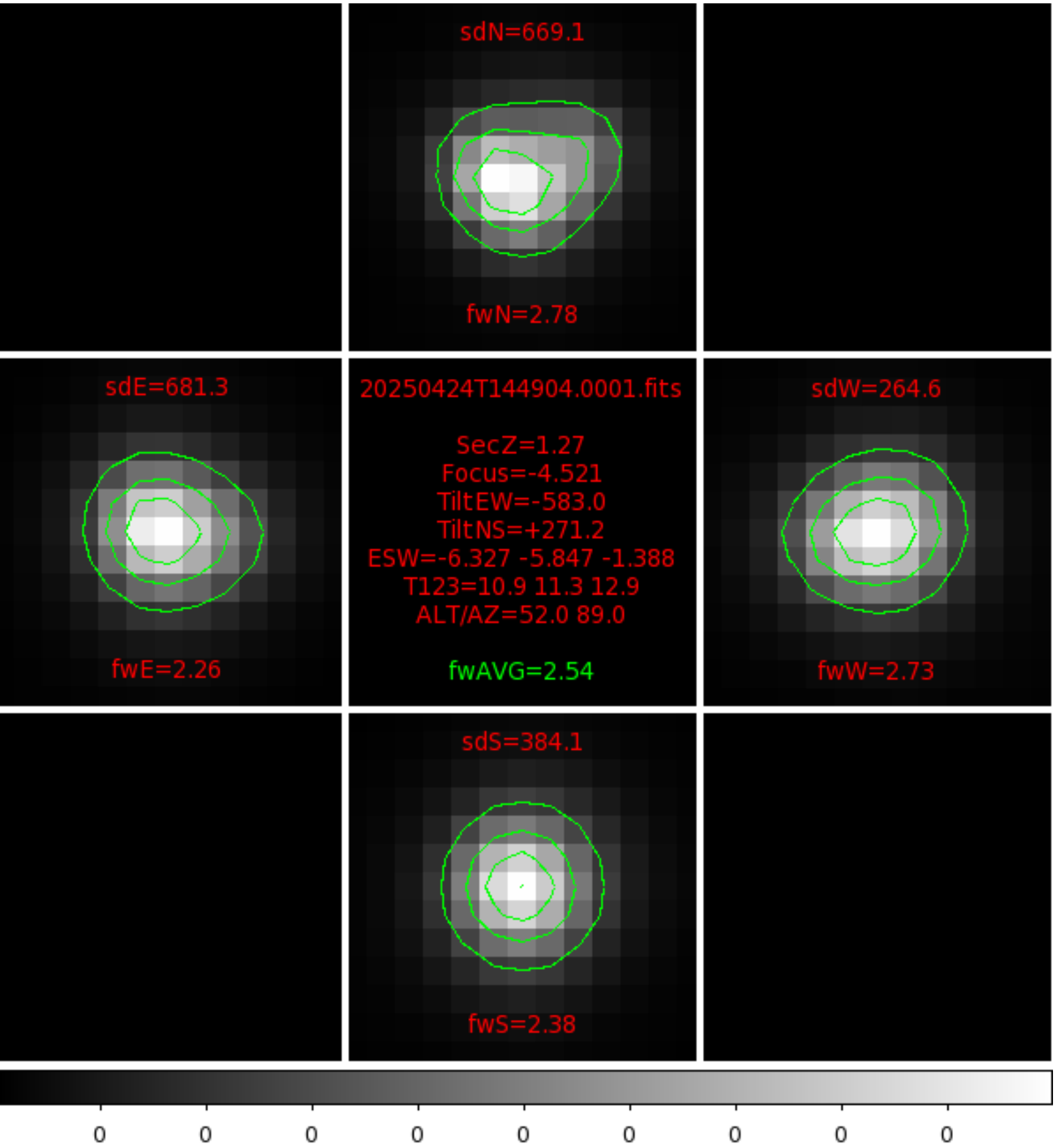
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sdE=681.3
fwE=2.26
20250424T144904.0001.fits
SecZ=1.27
Focus=-4.521
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.327 -5.847 -1.388
T123=10.9 11.3 12.9
ALT/AZ=52.0 89.0
fwAVG=2.54
sdW=264.6
fwW=2.73
sdS=384.1
fwS=2.38
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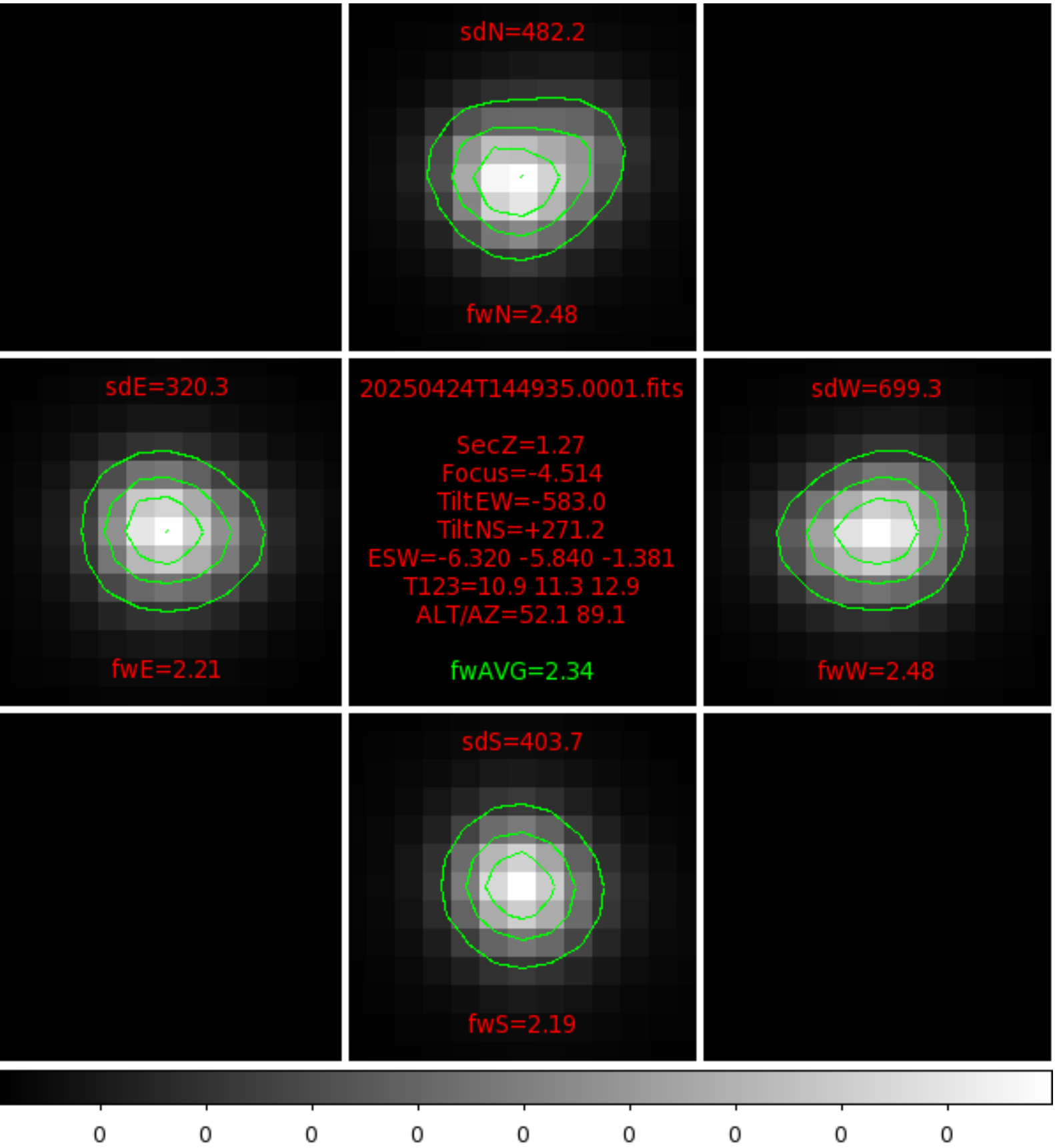
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.320 -5.840 -1.381
T123=10.9 11.3 12.9
ALT/AZ=52.1 89.1
fwAVG=2.34
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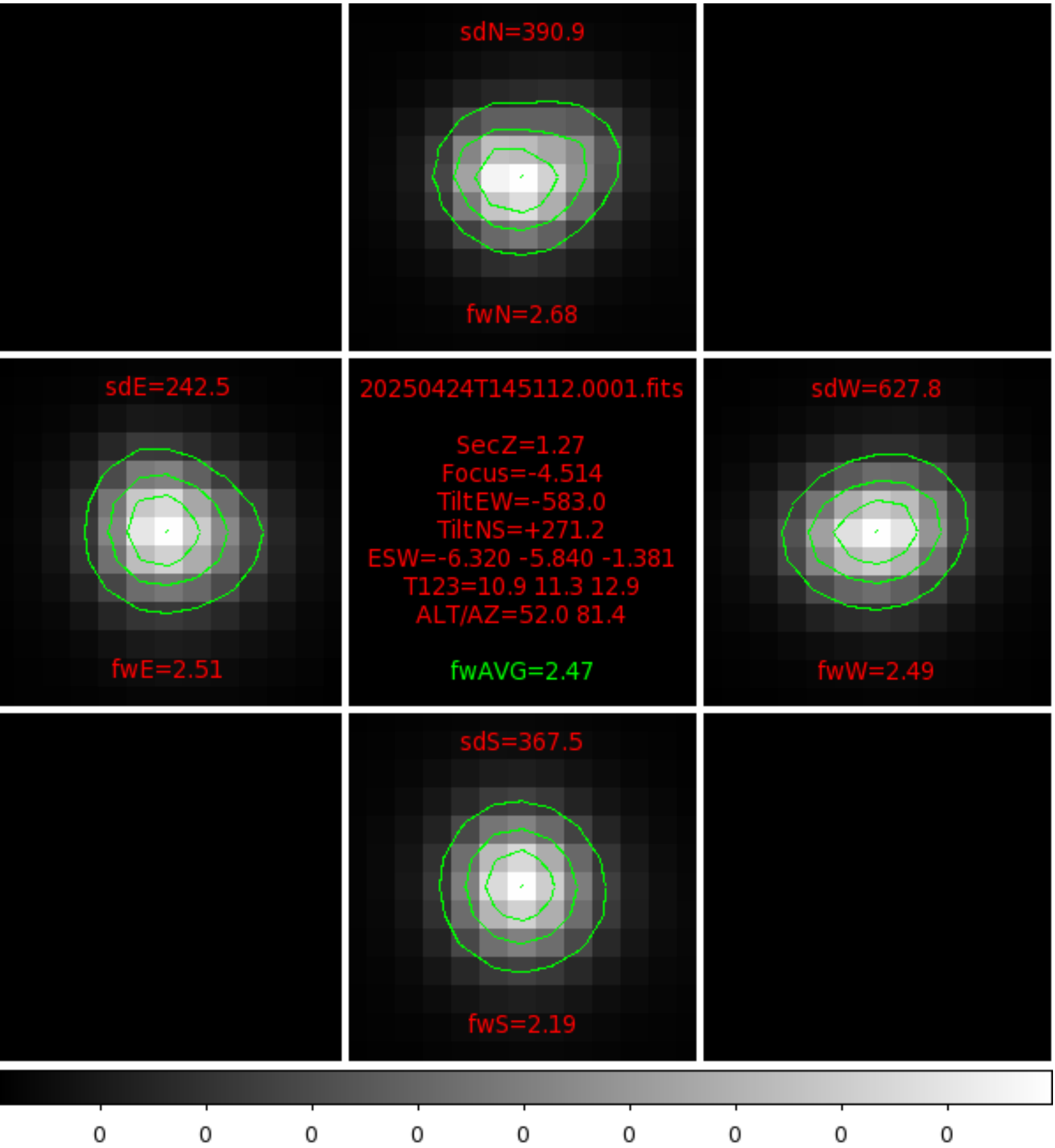
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SecZ=1.27
Focus=-4.514
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.320 -5.840 -1.381
T123=10.9 11.3 12.9
ALT/AZ=52.0 81.4
fwAVG=2.47
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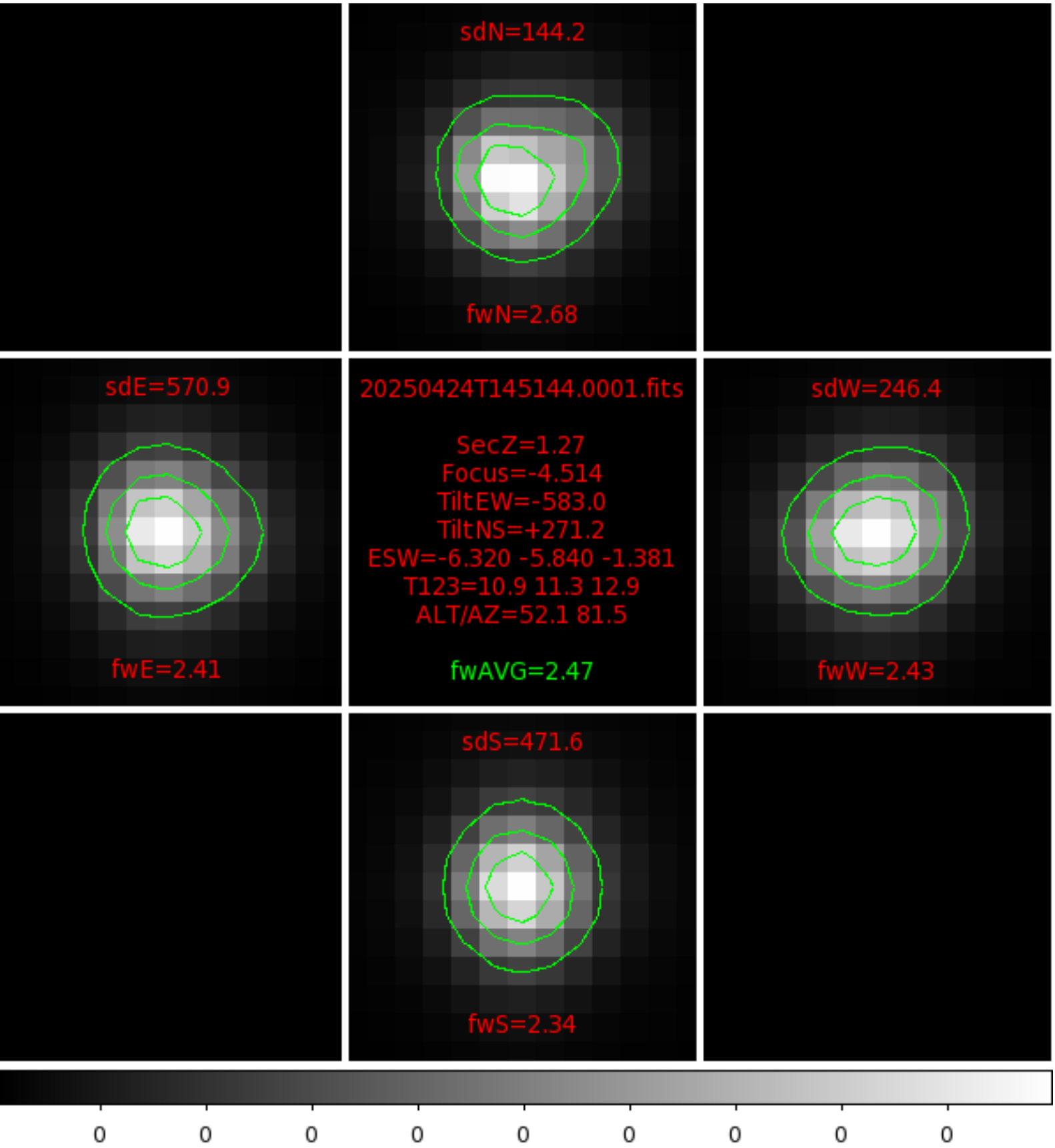
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sdE=570.9
fwE=2.41
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SecZ=1.27
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.320 -5.840 -1.381
T123=10.9 11.3 12.9
ALT/AZ=52.1 81.5
fwAVG=2.47
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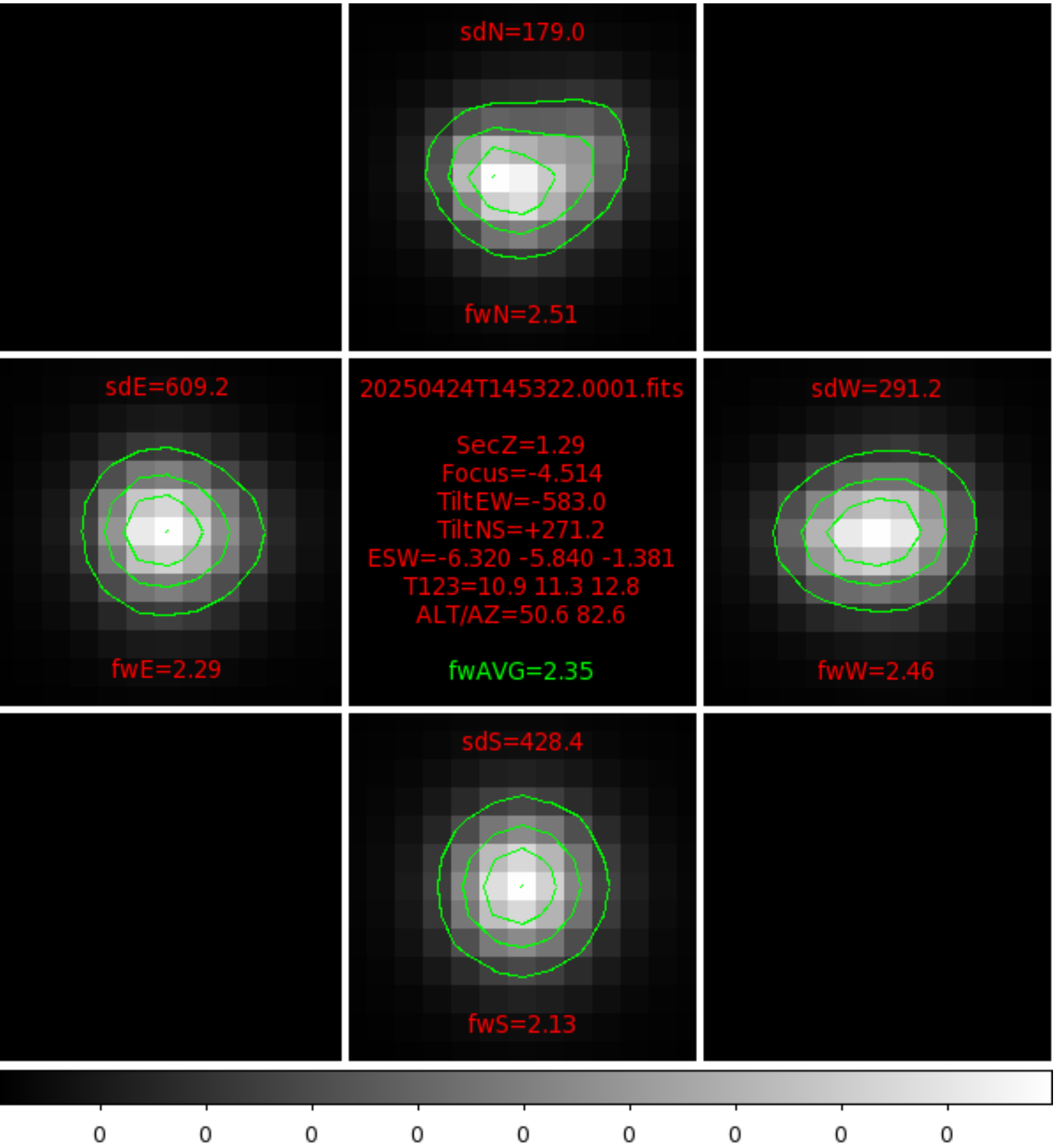
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fwE=2.29
20250424T145322.0001.fits
SecZ=1.29
Focus=-4.514
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.320 -5.840 -1.381
T123=10.9 11.3 12.8
ALT/AZ=50.6 82.6
fwAVG=2.35
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sdS=428.4
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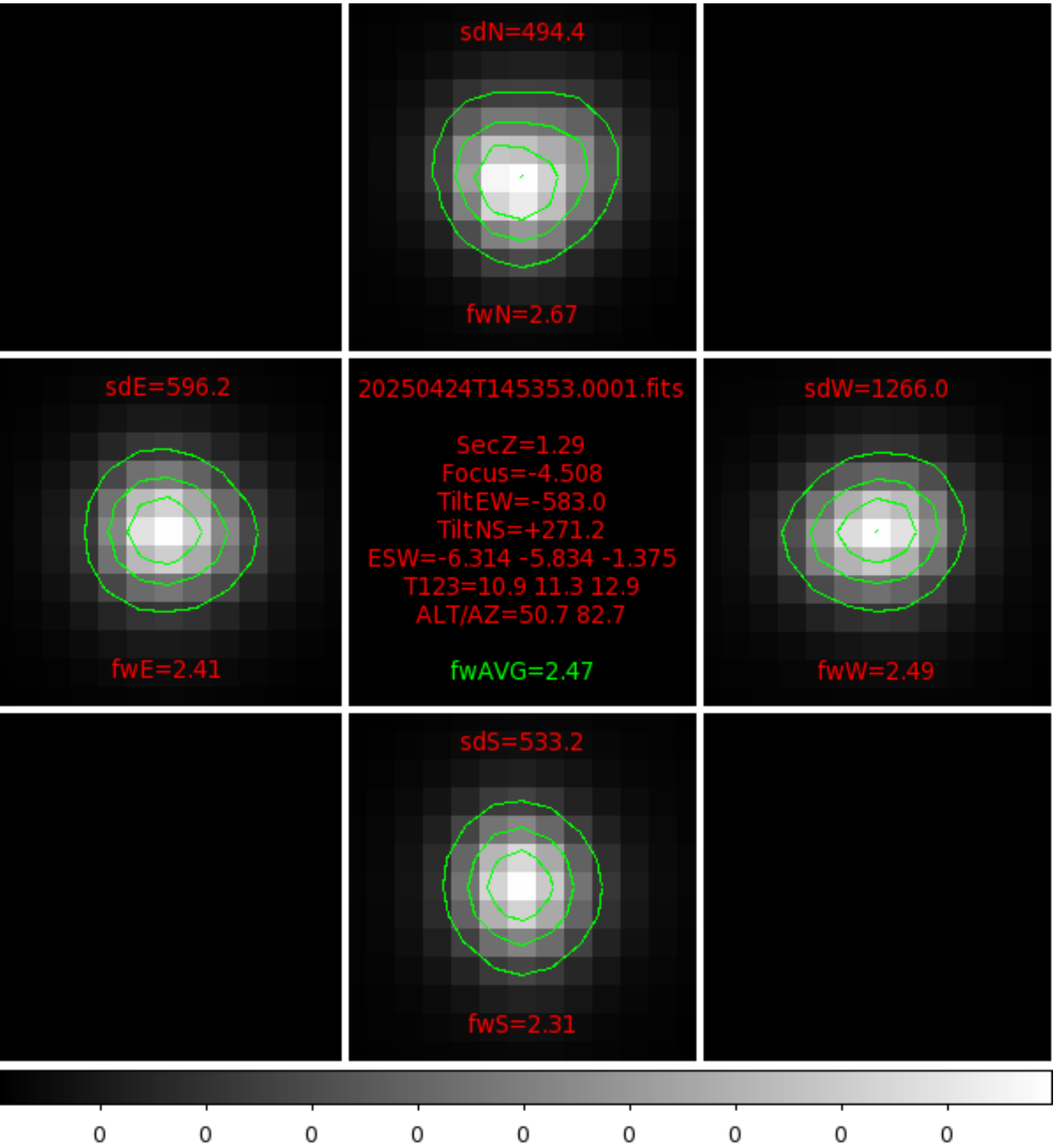
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sdE=596.2
fwE=2.41
20250424T145353.0001.fits
SecZ=1.29
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.9 11.3 12.9
ALT/AZ=50.7 82.7
fwAVG=2.47
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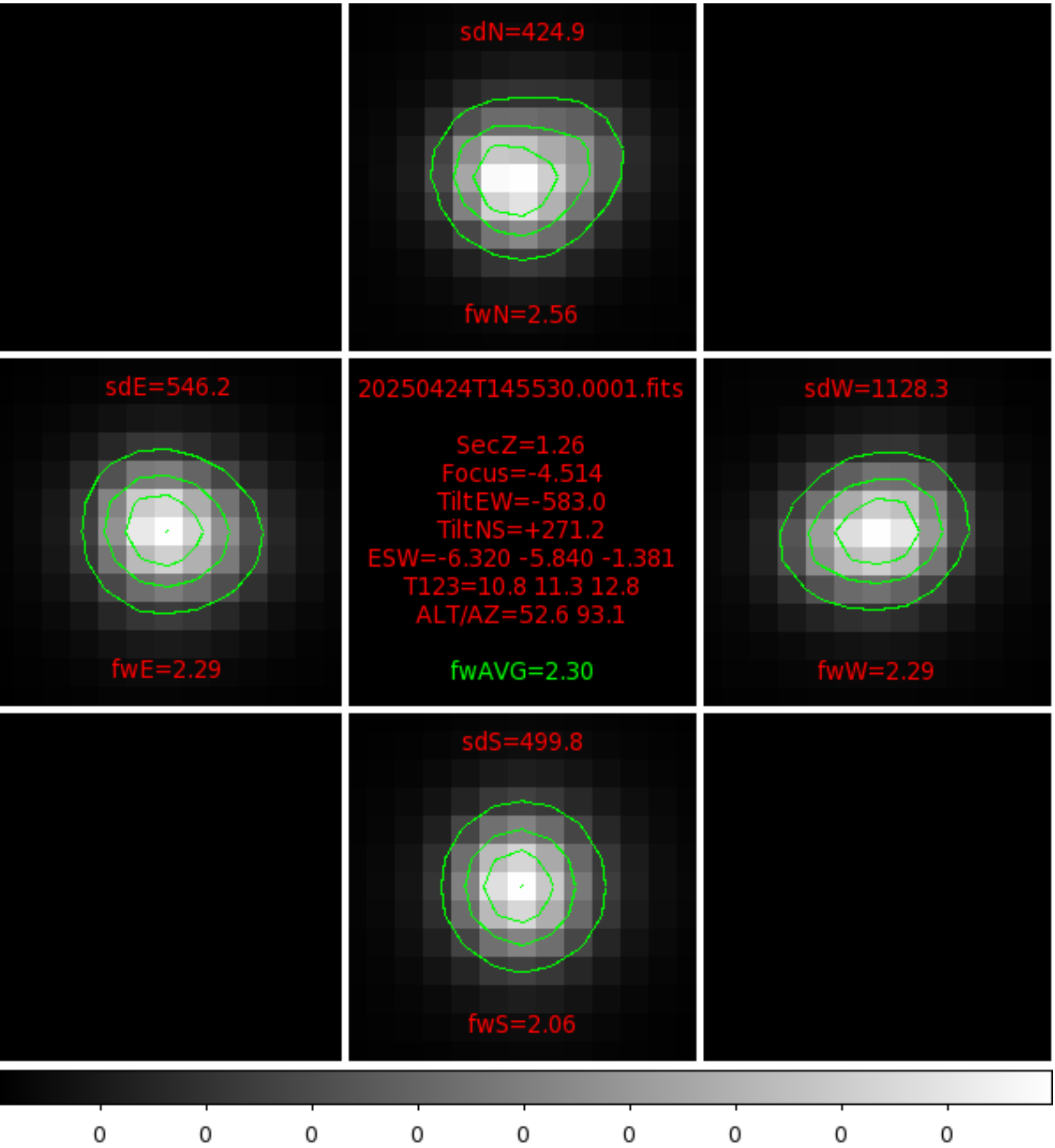
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sdE=546.2
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SecZ=1.26
Focus=-4.514
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.320 -5.840 -1.381
T123=10.8 11.3 12.8
ALT/AZ=52.6 93.1
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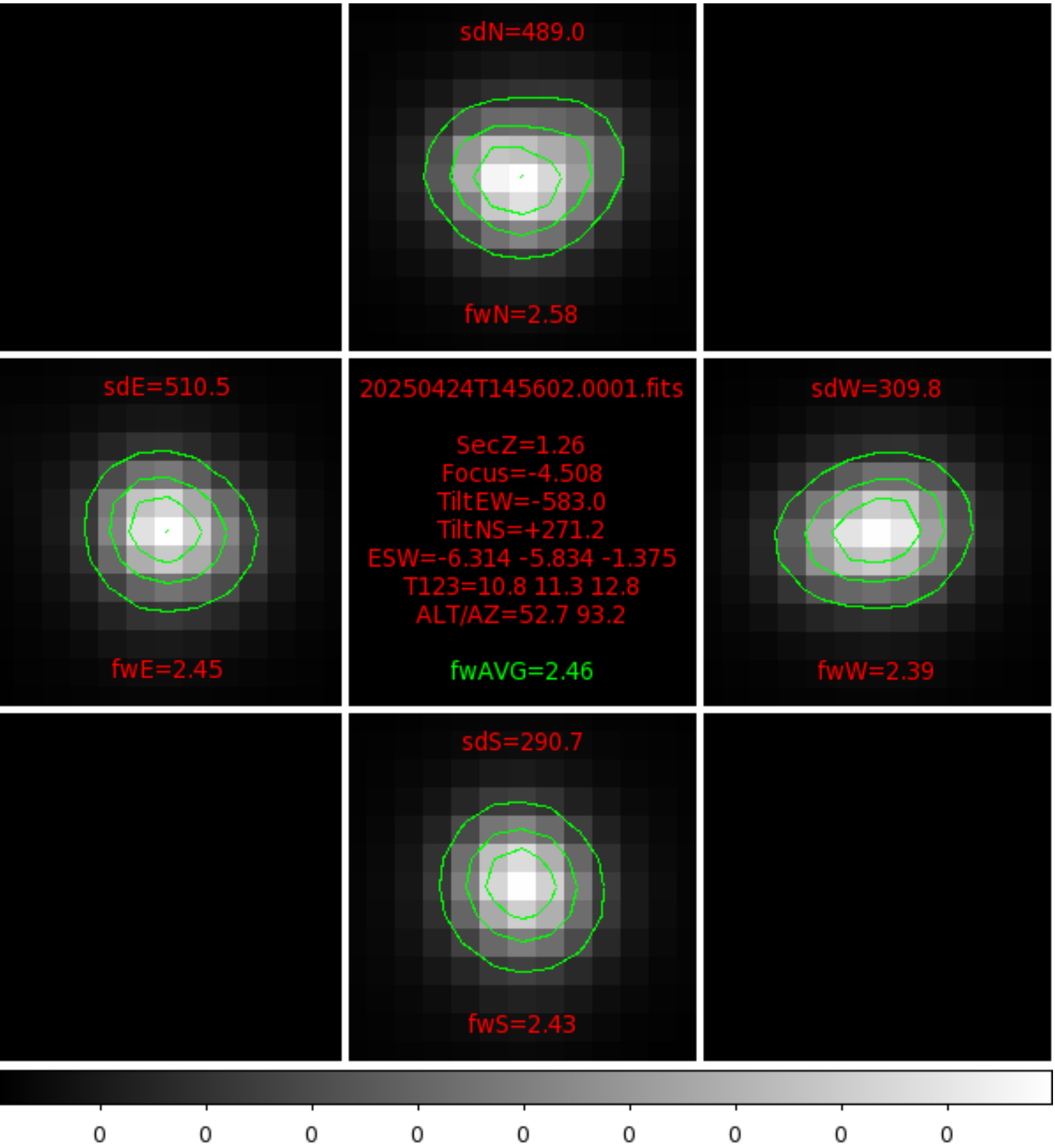
sdN=489.0
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sdE=510.5
fwE=2.45
20250424T145602.0001.fits
SecZ=1.26
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.8 11.3 12.8
ALT/AZ=52.7 93.2
fwAVG=2.46
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sdS=290.7
fwS=2.43
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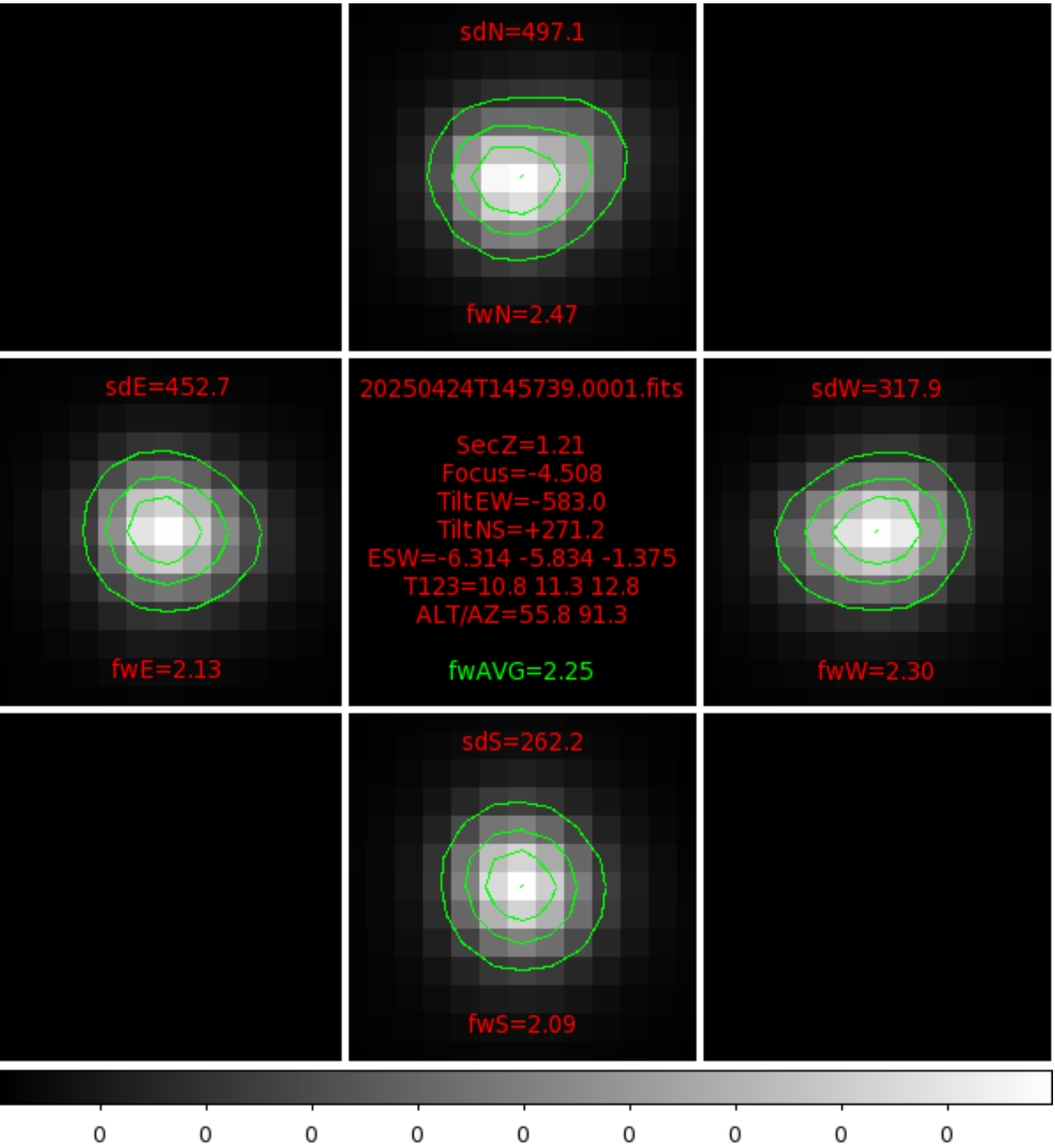
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SecZ=1.21
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.8 11.3 12.8
ALT/AZ=55.8 91.3
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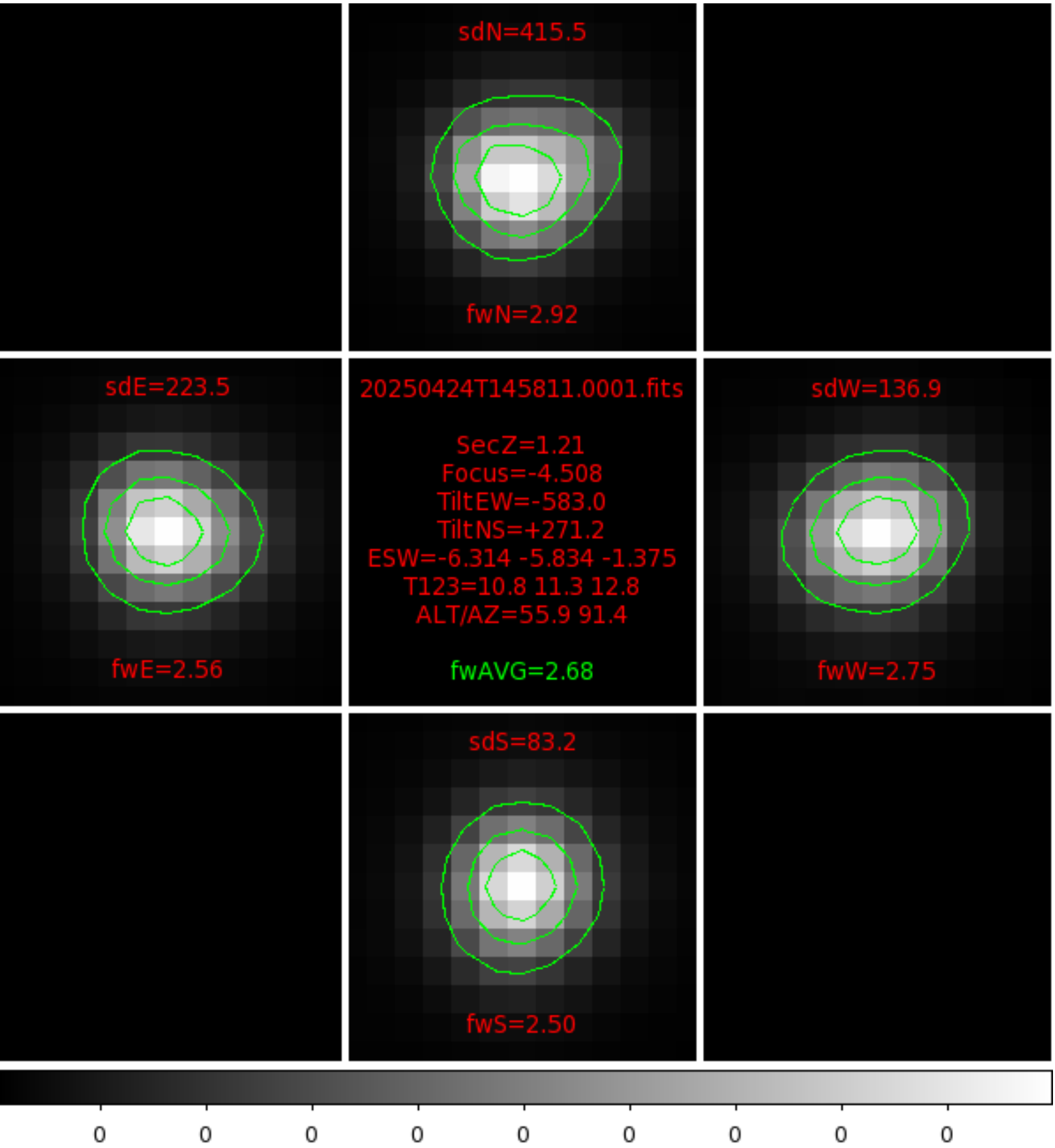
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SecZ=1.21
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.8 11.3 12.8
ALT/AZ=55.9 91.4
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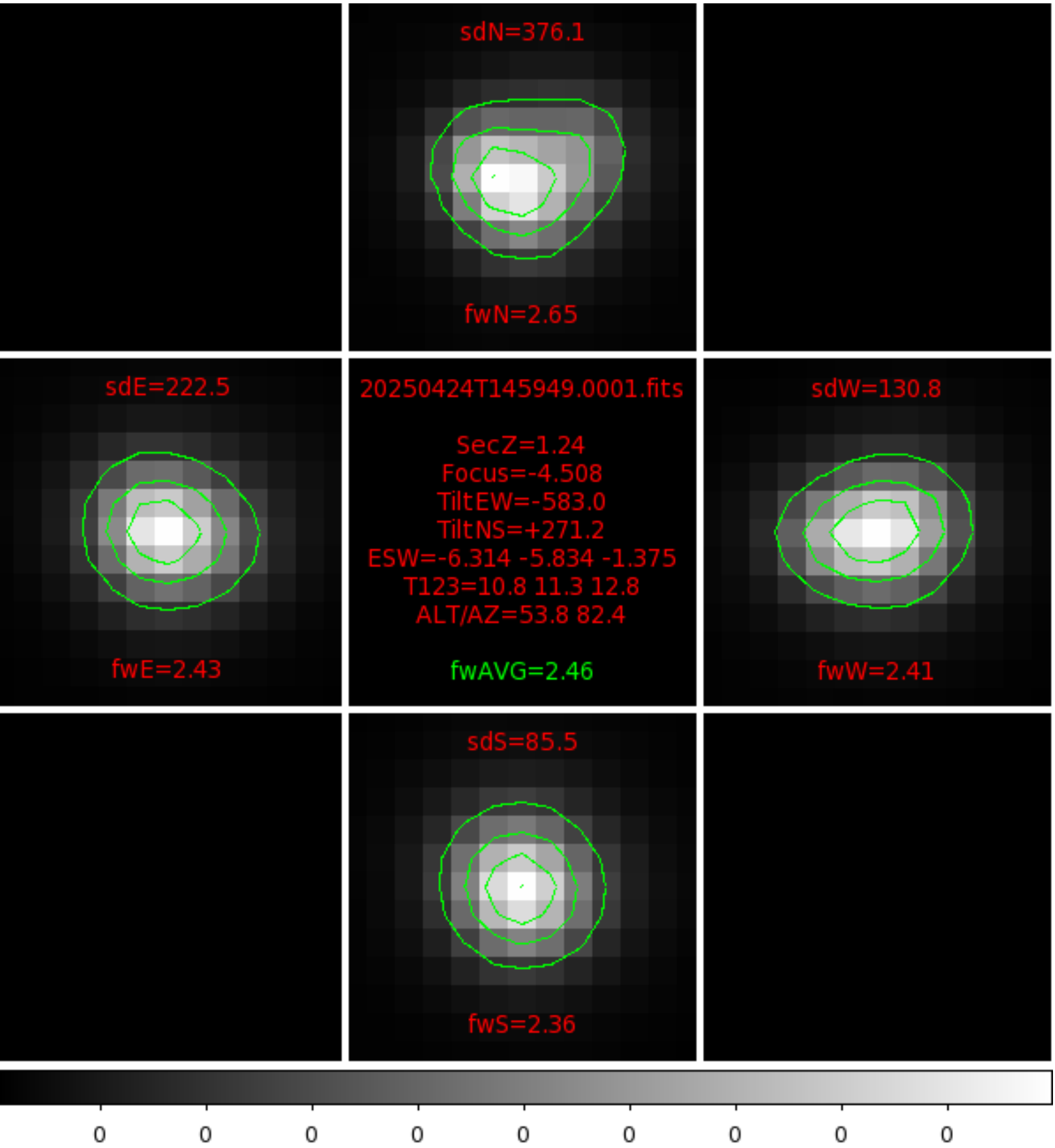
sdN=376.1
fwN=2.65
sdE=222.5
fwE=2.43
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SecZ=1.24
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.8 11.3 12.8
ALT/AZ=53.8 82.4
fwAVG=2.46
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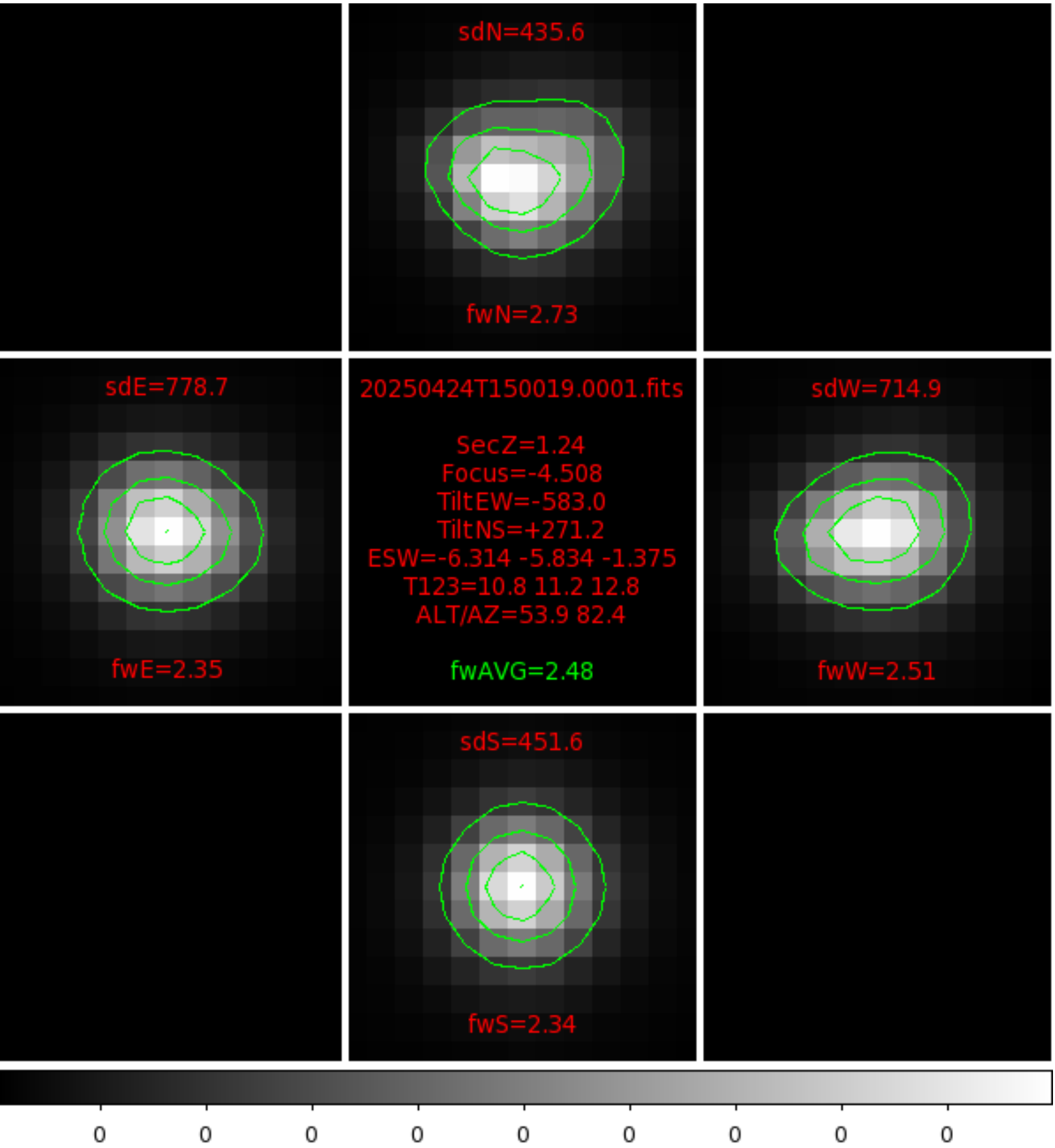
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SecZ=1.24
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.8 11.2 12.8
ALT/AZ=53.9 82.4
fwAVG=2.48
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sdS=451.6
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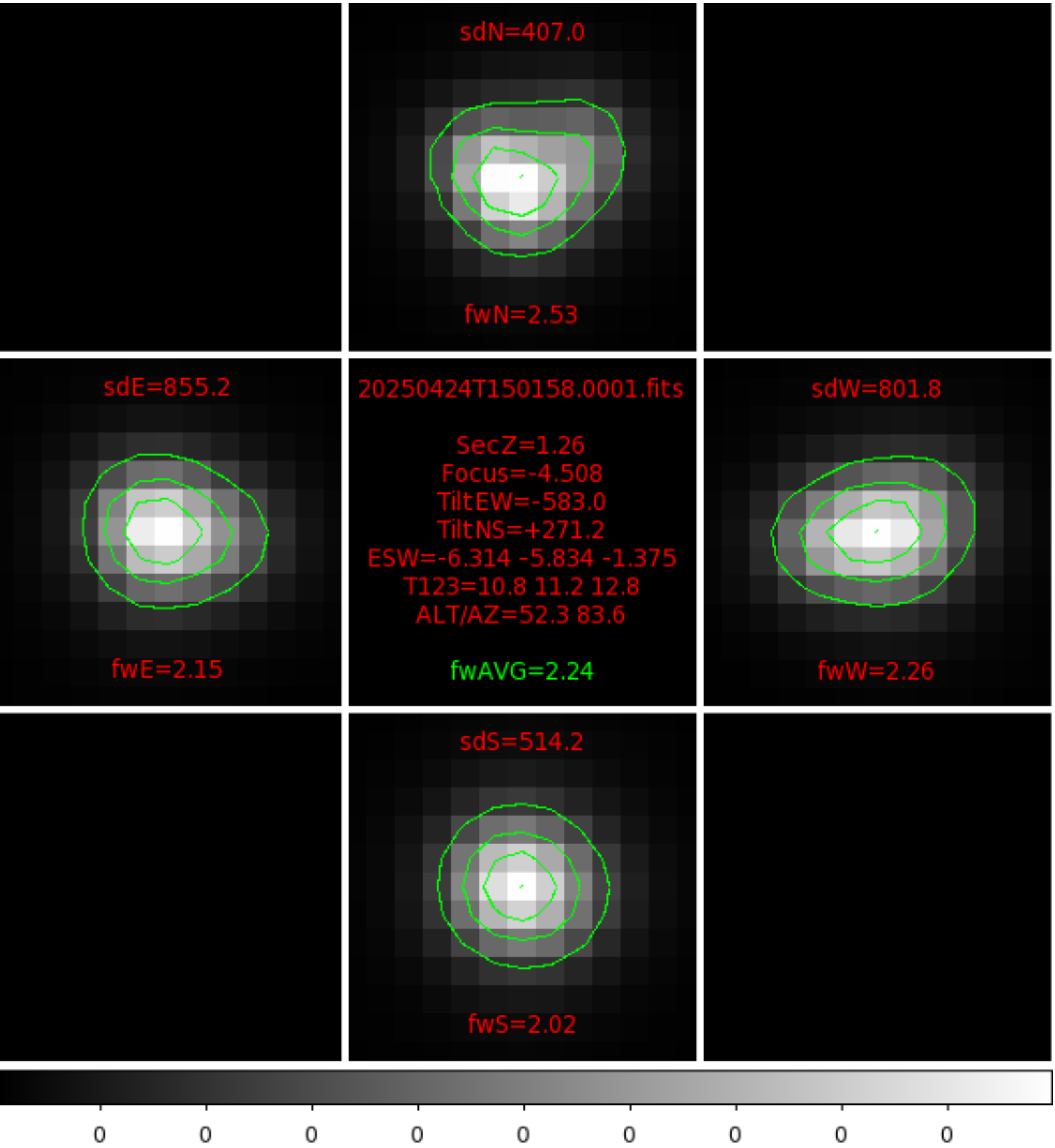
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sdE=855.2
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SecZ=1.26
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.8 11.2 12.8
ALT/AZ=52.3 83.6
fwAVG=2.24
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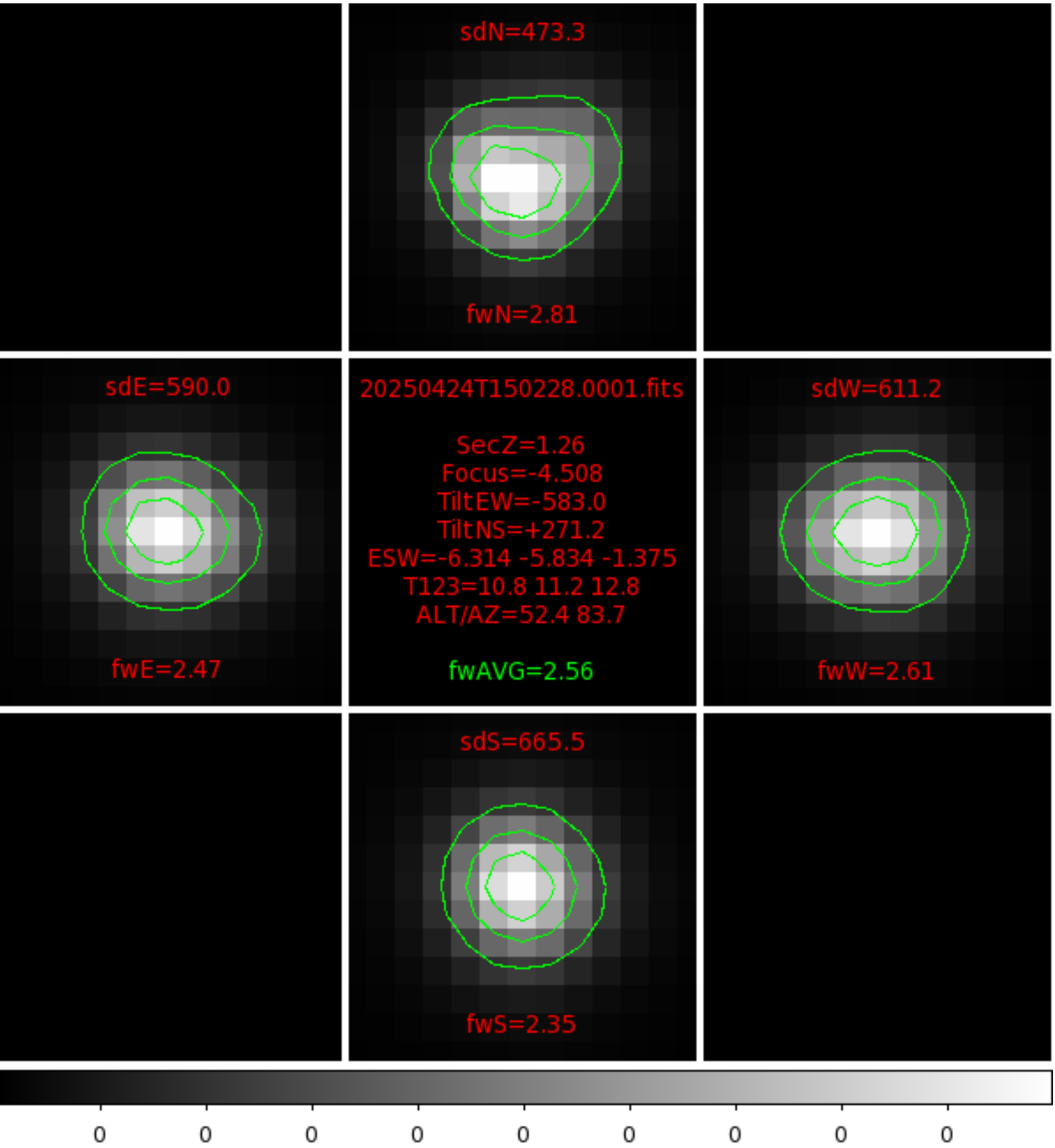
sdN=473.3
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SecZ=1.26
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.8 11.2 12.8
ALT/AZ=52.4 83.7
fwAVG=2.56
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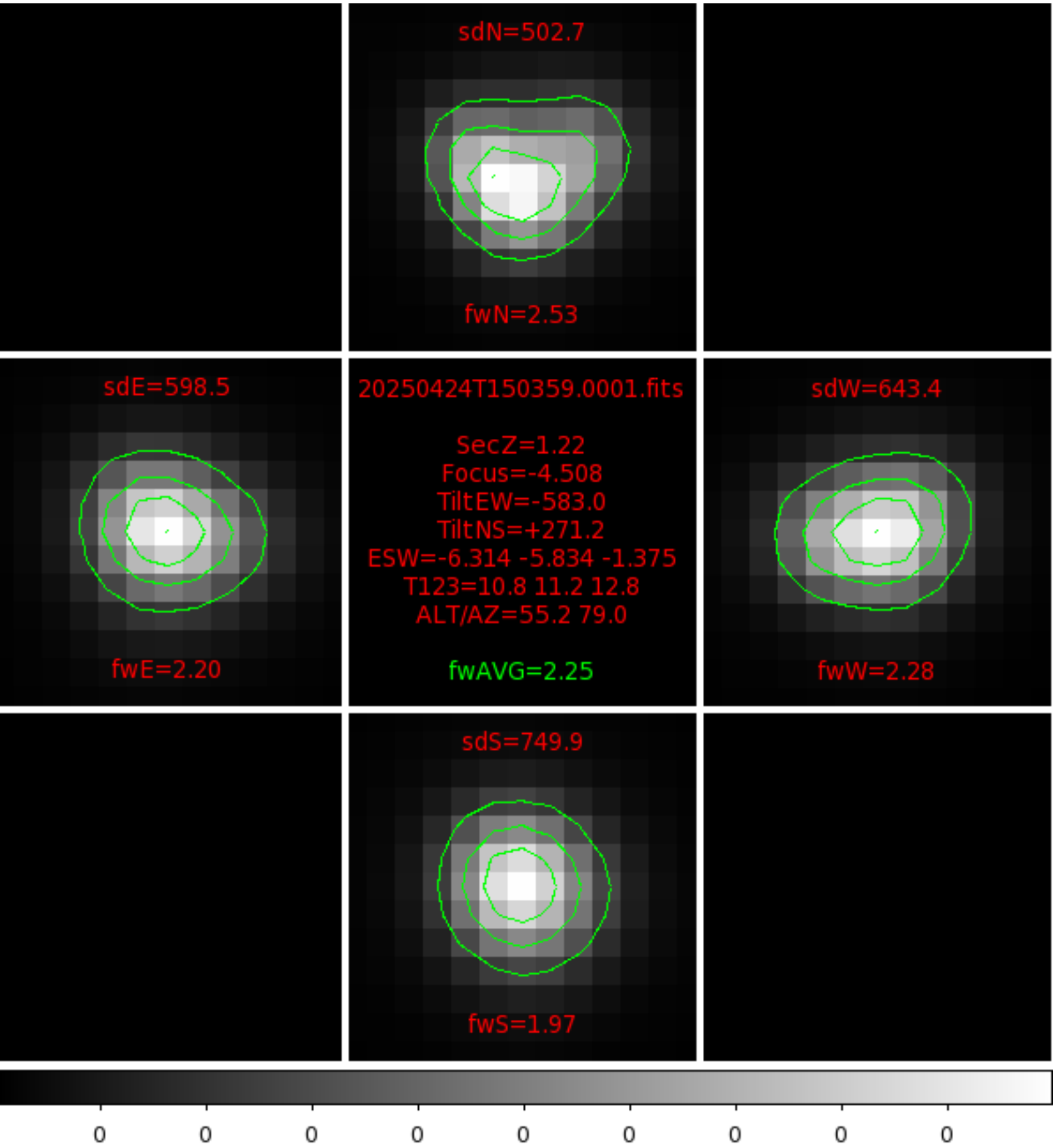
sdN=502.7
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SecZ=1.22
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.8 11.2 12.8
ALT/AZ=55.2 79.0
fwAVG=2.25
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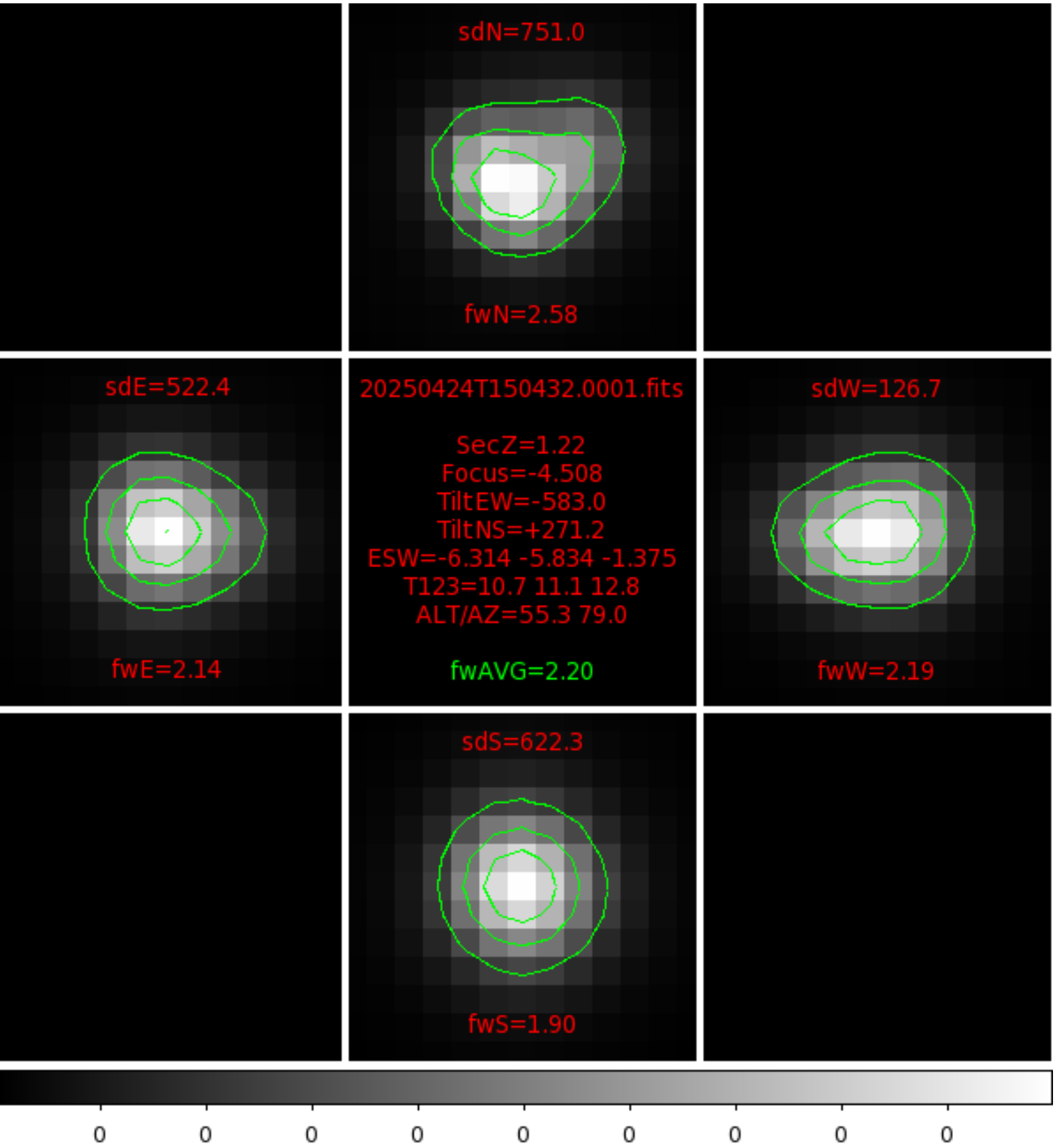
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sdE=522.4
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SecZ=1.22
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.7 11.1 12.8
ALT/AZ=55.3 79.0
fwAVG=2.20
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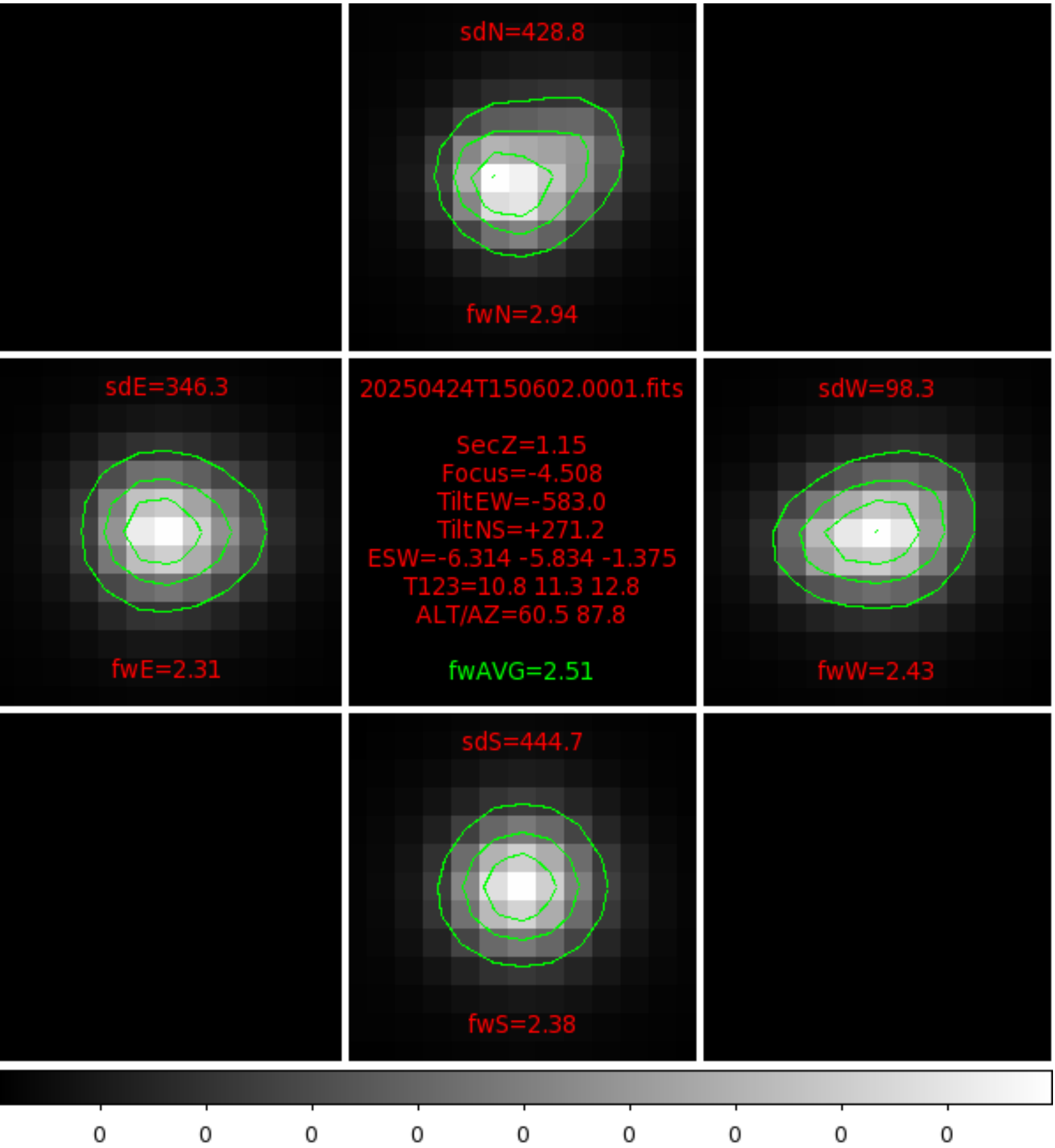
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.8 11.3 12.8
ALT/AZ=60.5 87.8
fwAVG=2.51
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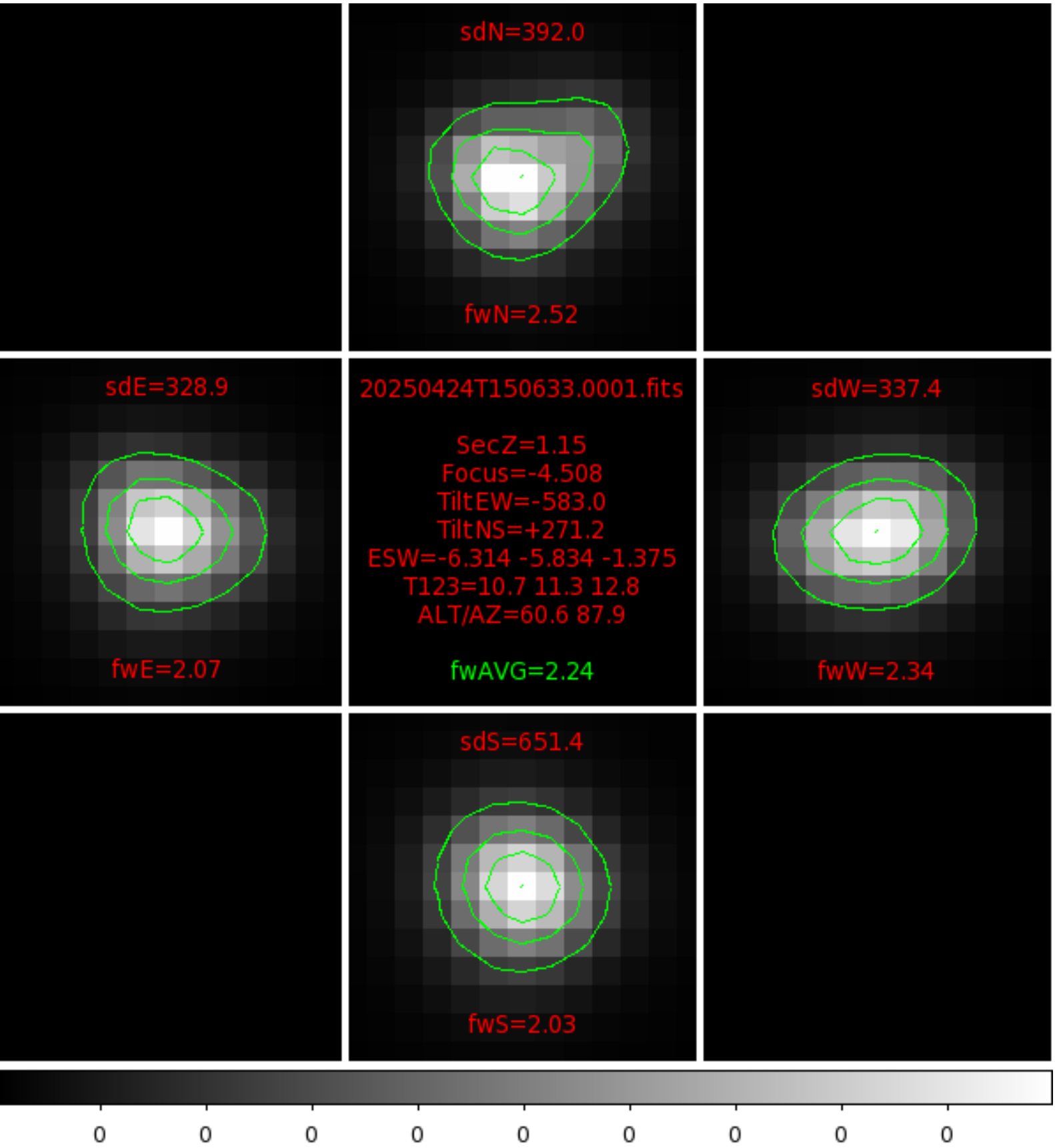
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SecZ=1.15
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.7 11.3 12.8
ALT/AZ=60.6 87.9
fwAVG=2.24
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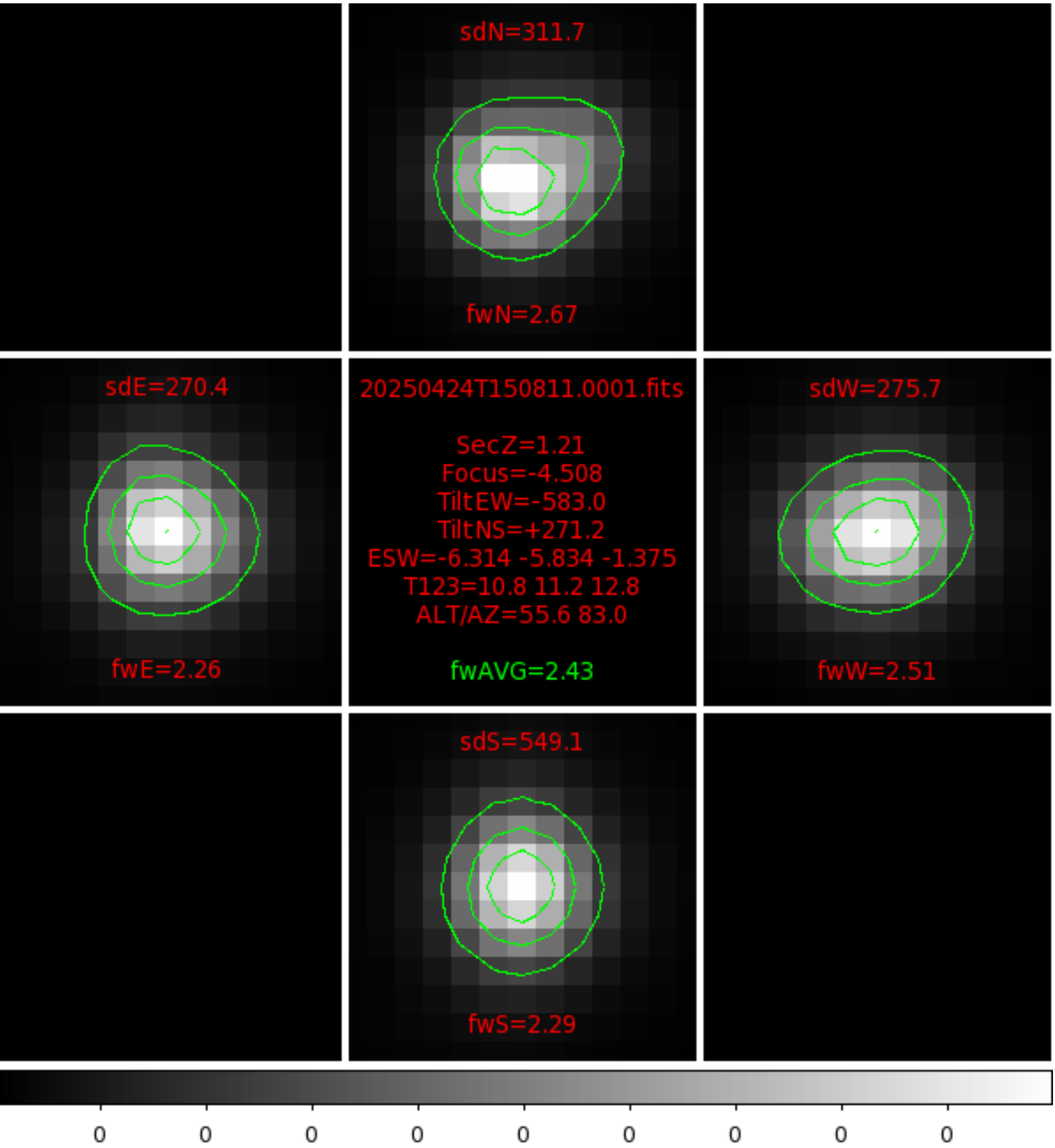
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sdE=270.4
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SecZ=1.21
Focus=-4.508
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TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.8 11.2 12.8
ALT/AZ=55.6 83.0
fwAVG=2.43
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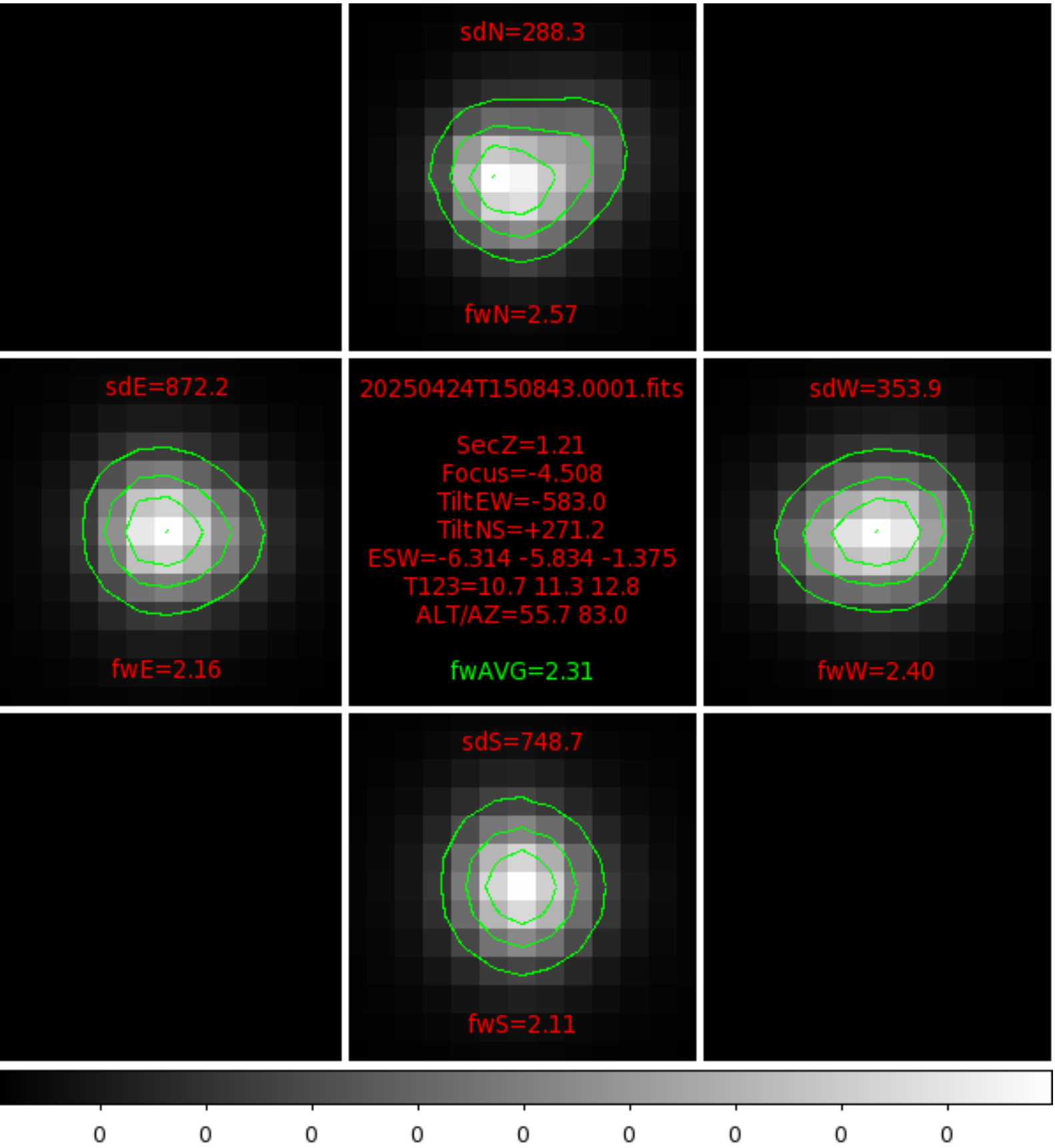
sdN=288.3
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sdE=872.2
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SecZ=1.21
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.7 11.3 12.8
ALT/AZ=55.7 83.0
fwAVG=2.31
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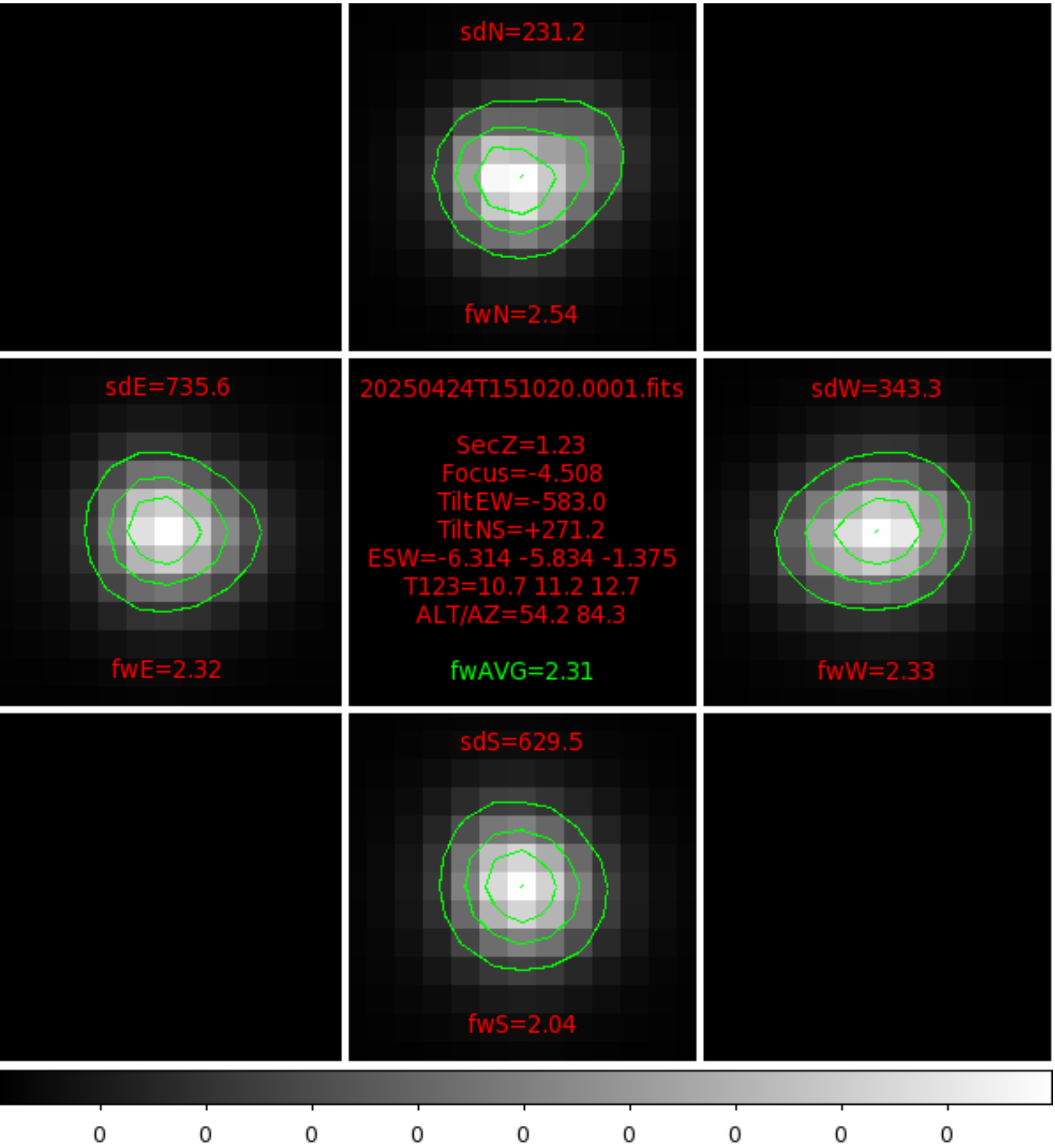
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.7 11.2 12.7
ALT/AZ=54.2 84.3
fwAVG=2.31
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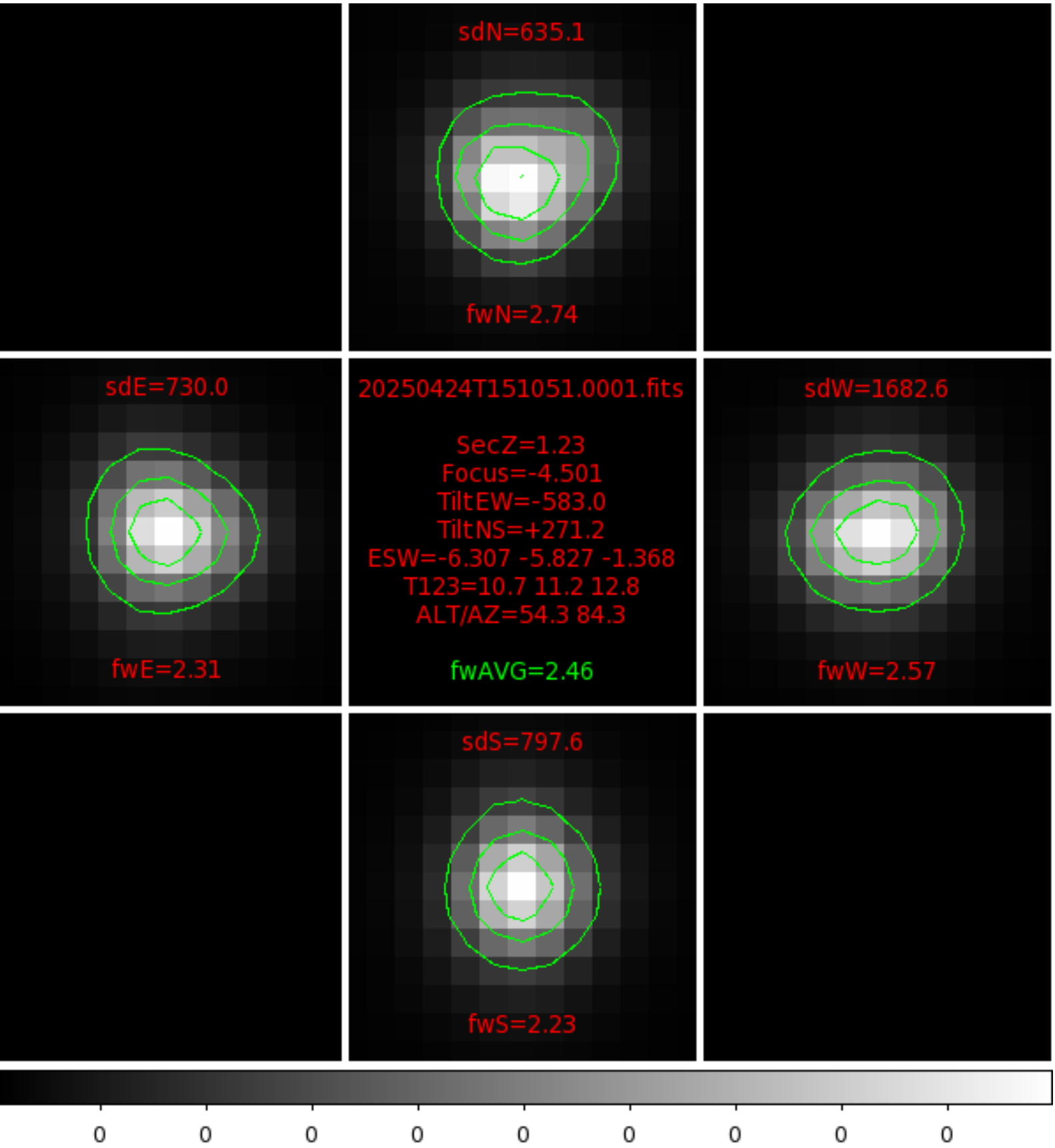
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sdE=730.0
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SecZ=1.23
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.7 11.2 12.8
ALT/AZ=54.3 84.3
fwAVG=2.46
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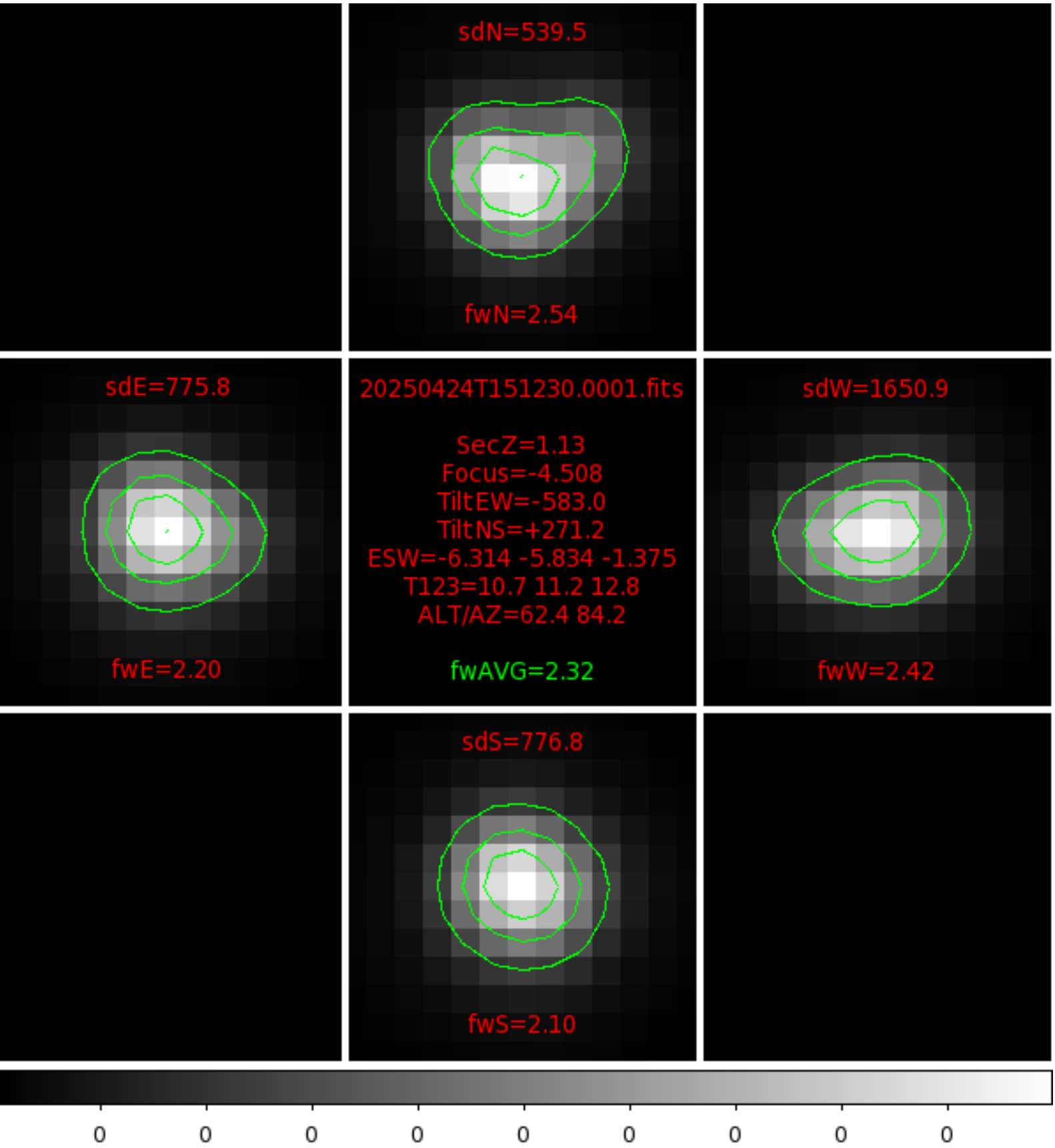
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SecZ=1.13
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.7 11.2 12.8
ALT/AZ=62.4 84.2
fwAVG=2.32
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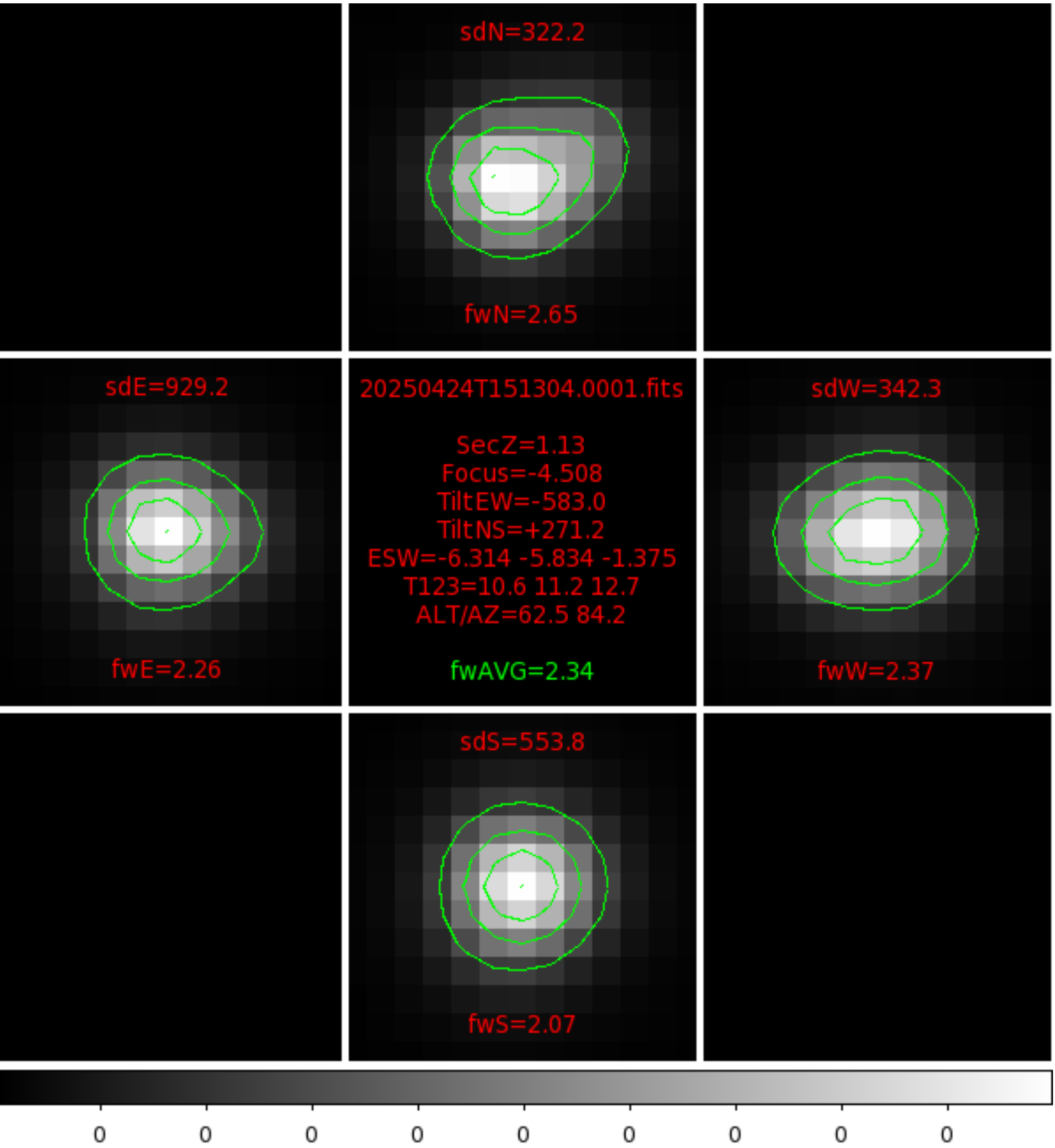
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SecZ=1.13
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.6 11.2 12.7
ALT/AZ=62.5 84.2
fwAVG=2.34
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sdS=553.8
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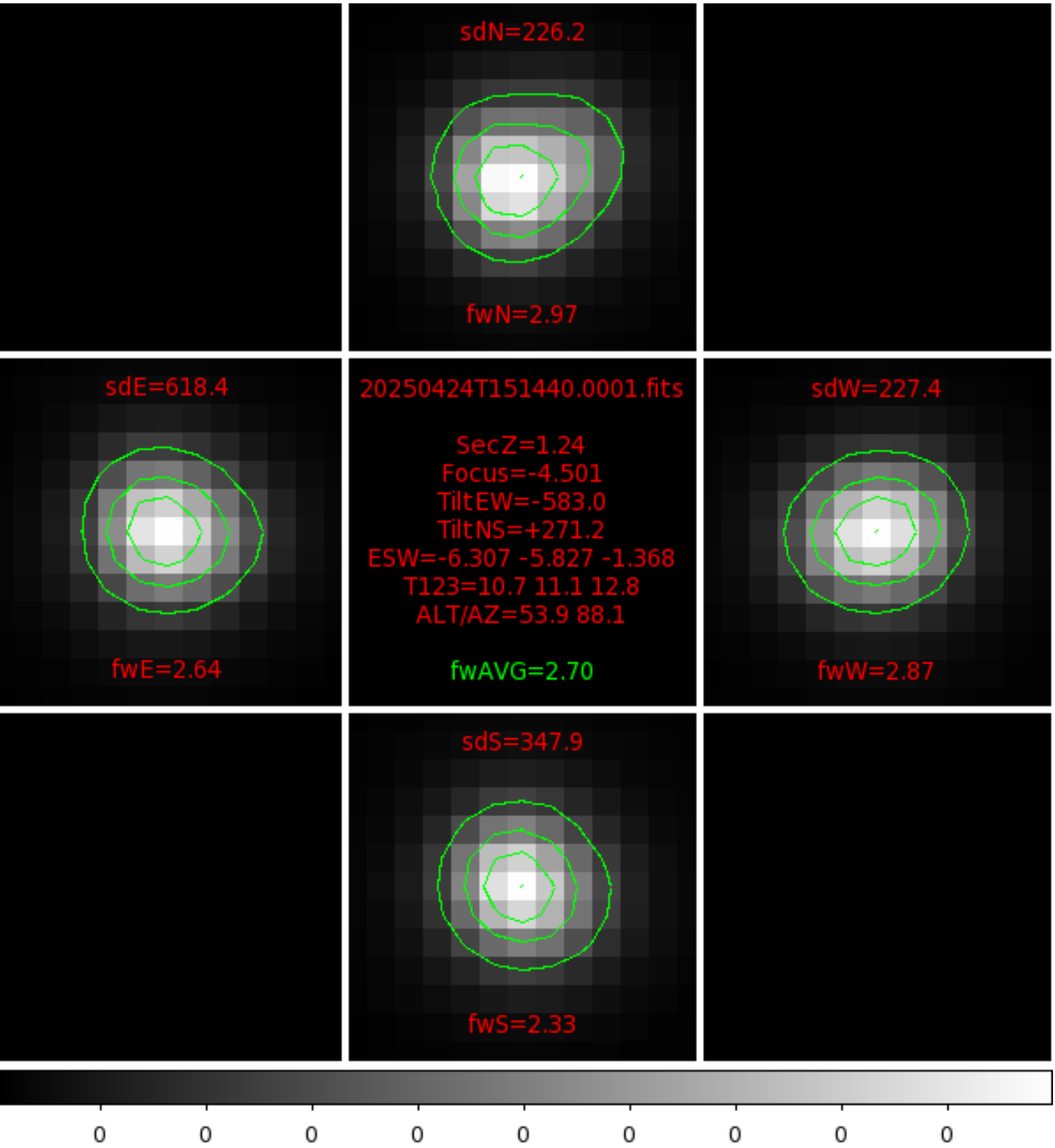
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sdE=618.4
fwE=2.64
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SecZ=1.24
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.7 11.1 12.8
ALT/AZ=53.9 88.1
fwAVG=2.70
sdW=227.4
fwW=2.87
sdS=347.9
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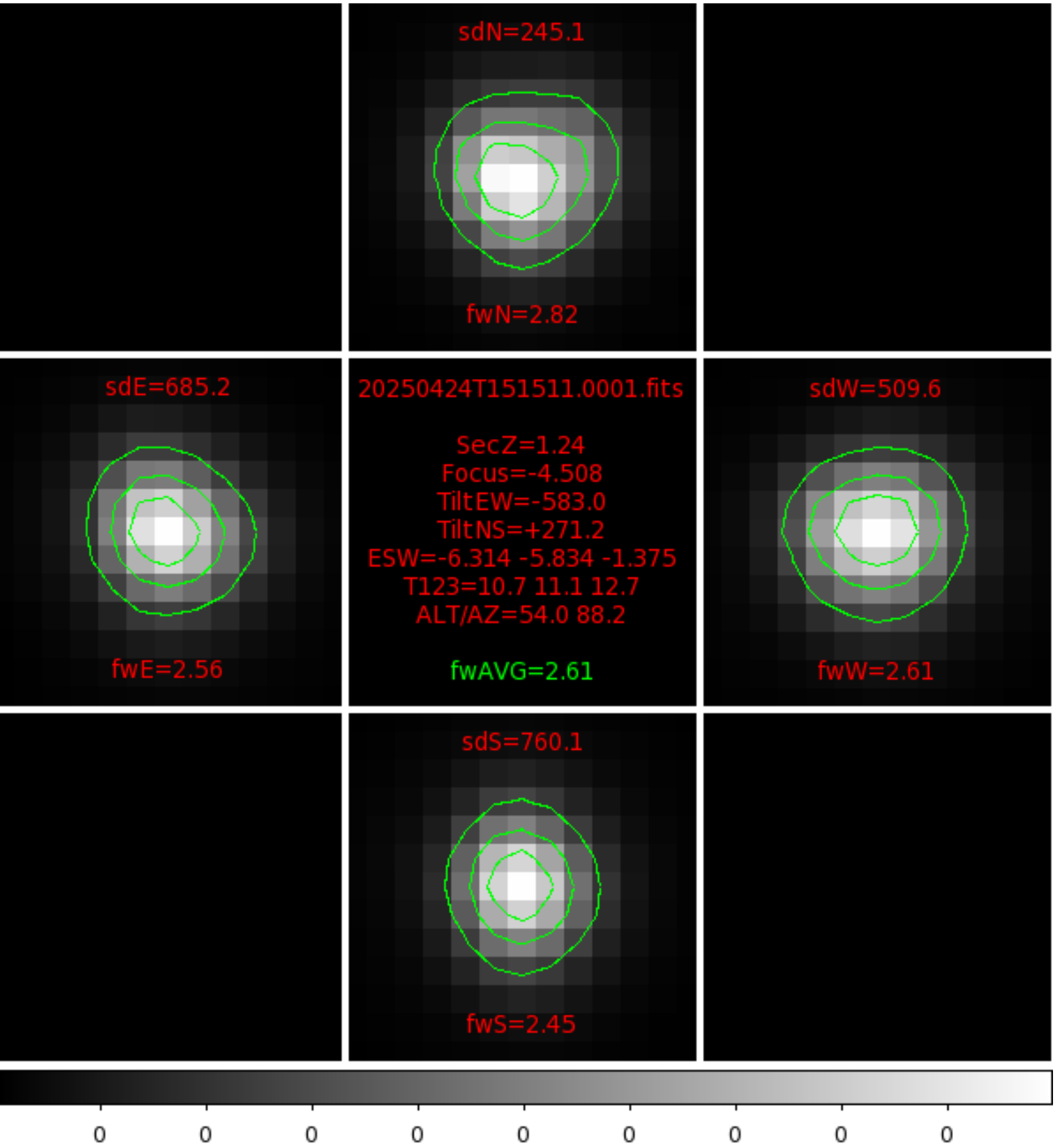
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fwN=2.82
sdE=685.2
fwE=2.56
20250424T151511.0001.fits
SecZ=1.24
Focus=-4.508
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.314 -5.834 -1.375
T123=10.7 11.1 12.7
ALT/AZ=54.0 88.2
fwAVG=2.61
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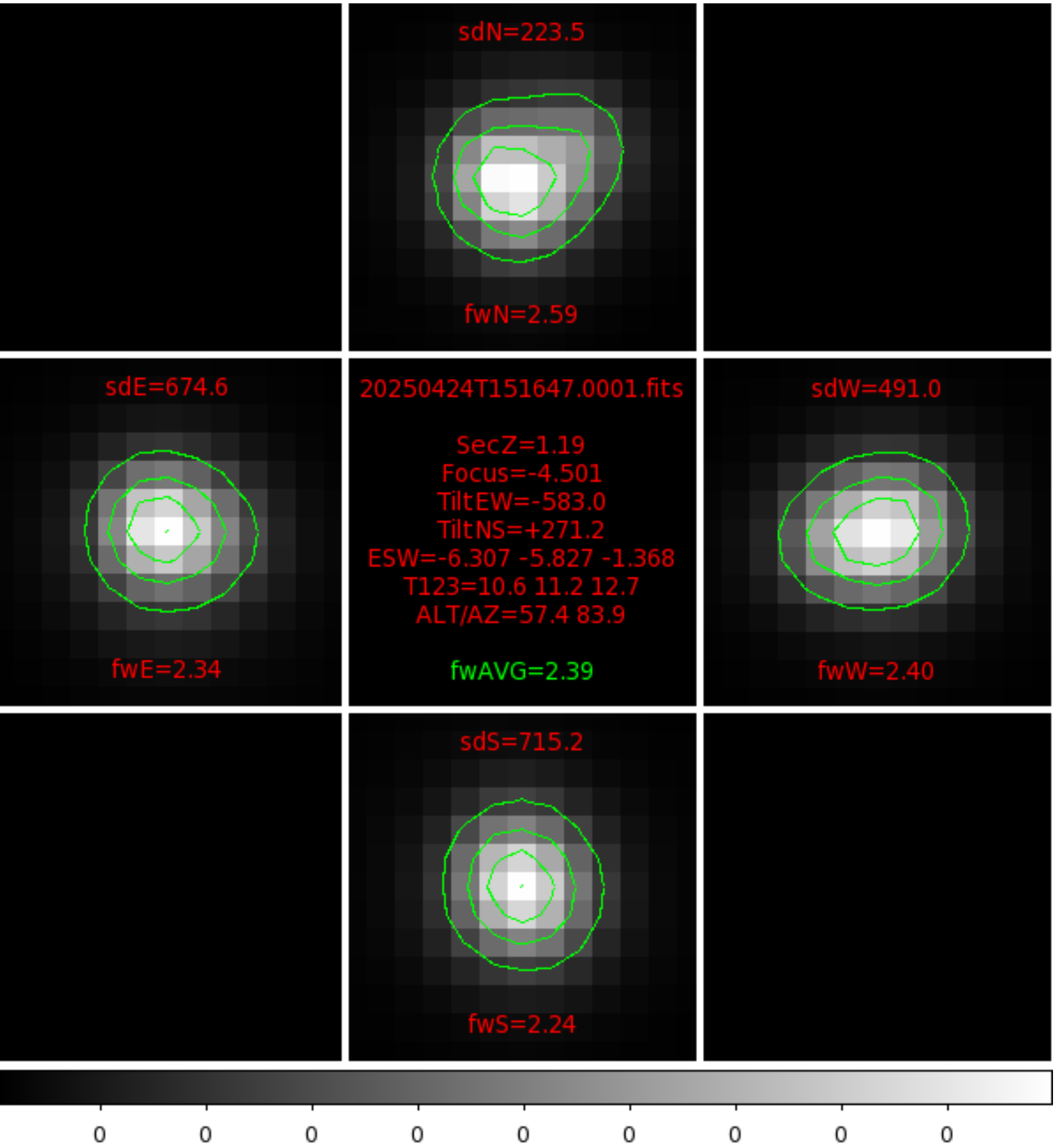
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SecZ=1.19
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.6 11.2 12.7
ALT/AZ=57.4 83.9
fwAVG=2.39
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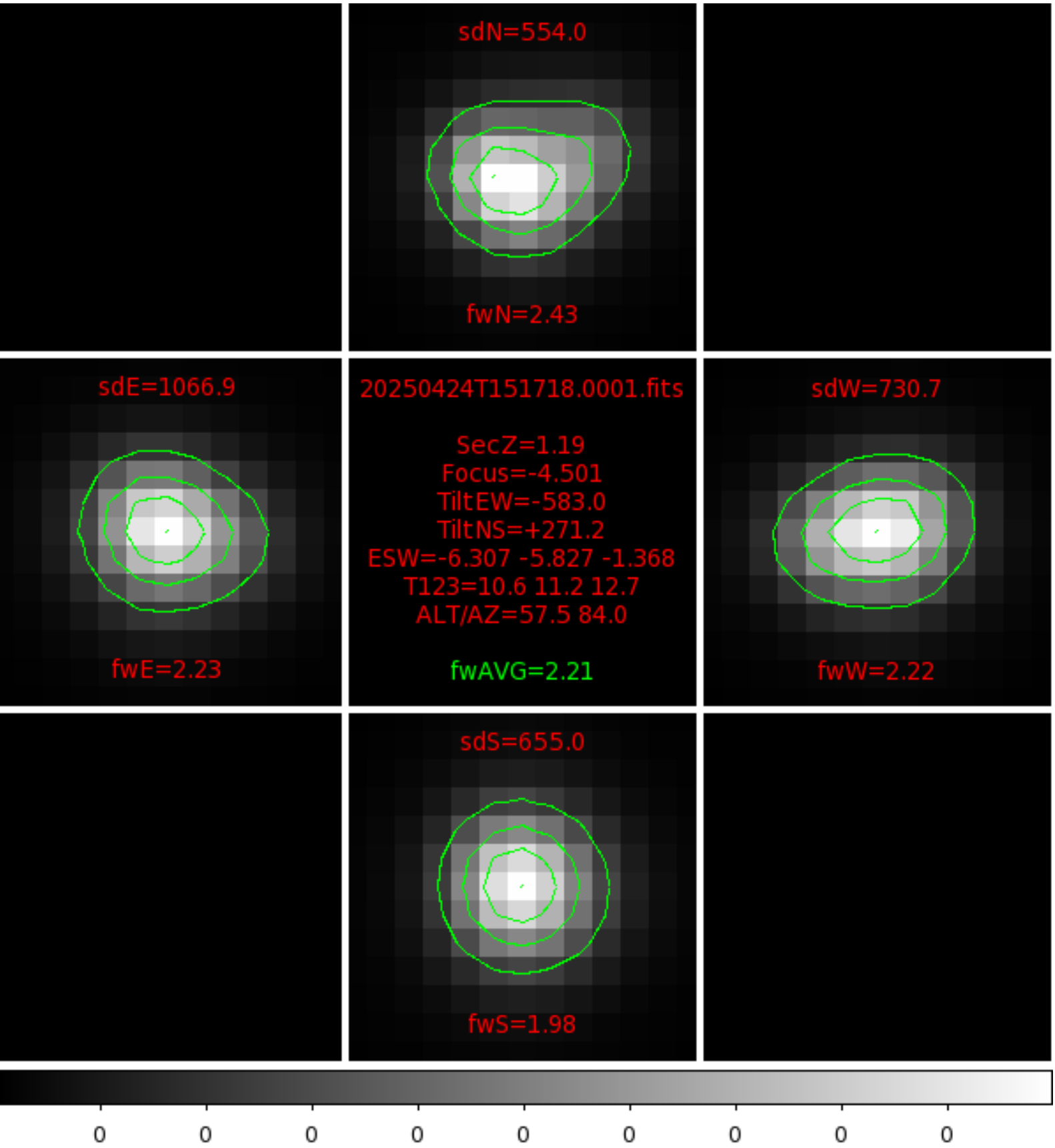
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SecZ=1.19
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.6 11.2 12.7
ALT/AZ=57.5 84.0
fwAVG=2.21
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sdS=655.0
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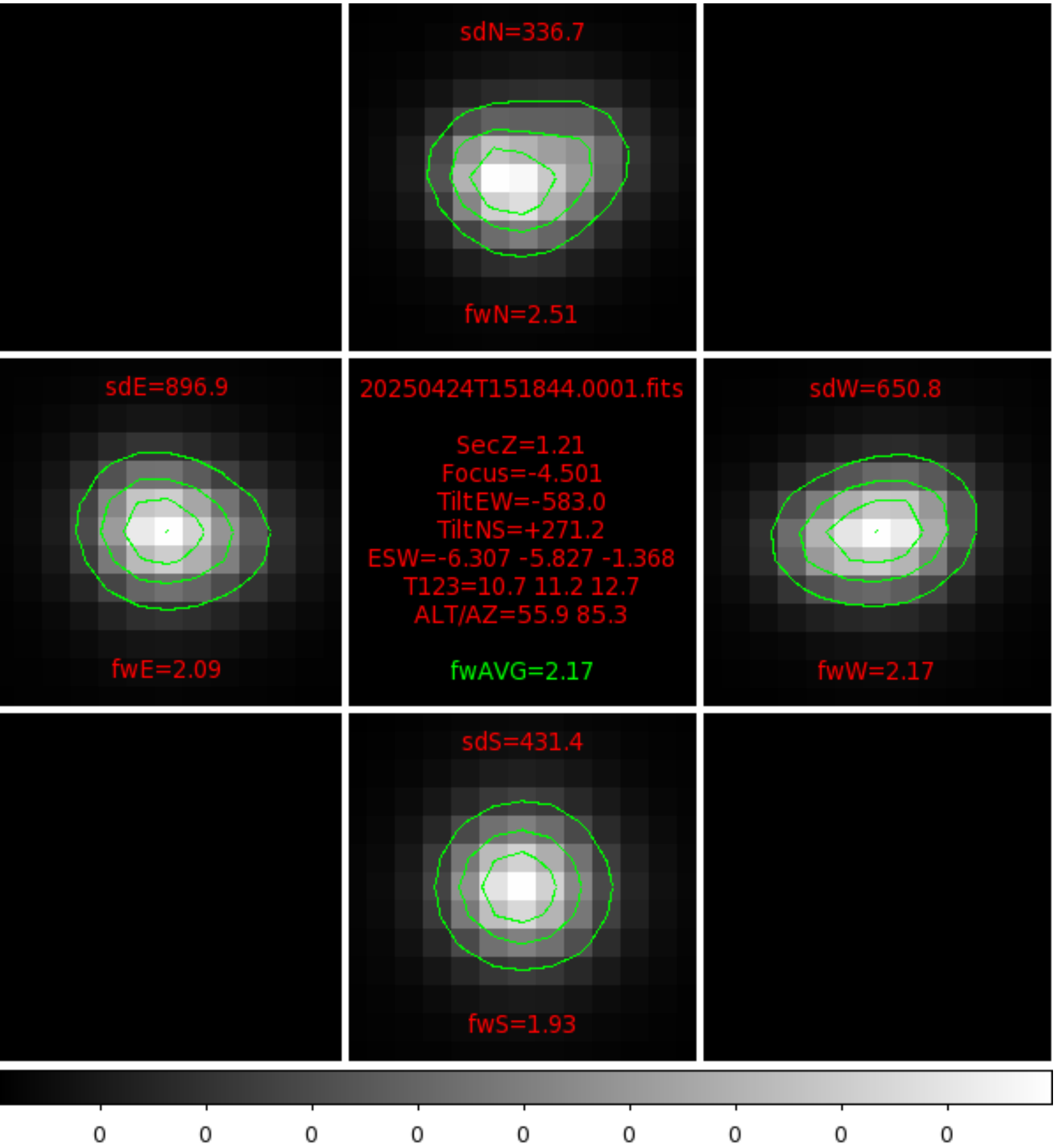
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20250424T151844.0001.fits
SecZ=1.21
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.7 11.2 12.7
ALT/AZ=55.9 85.3
fwAVG=2.17
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sdS=431.4
fwS=1.93
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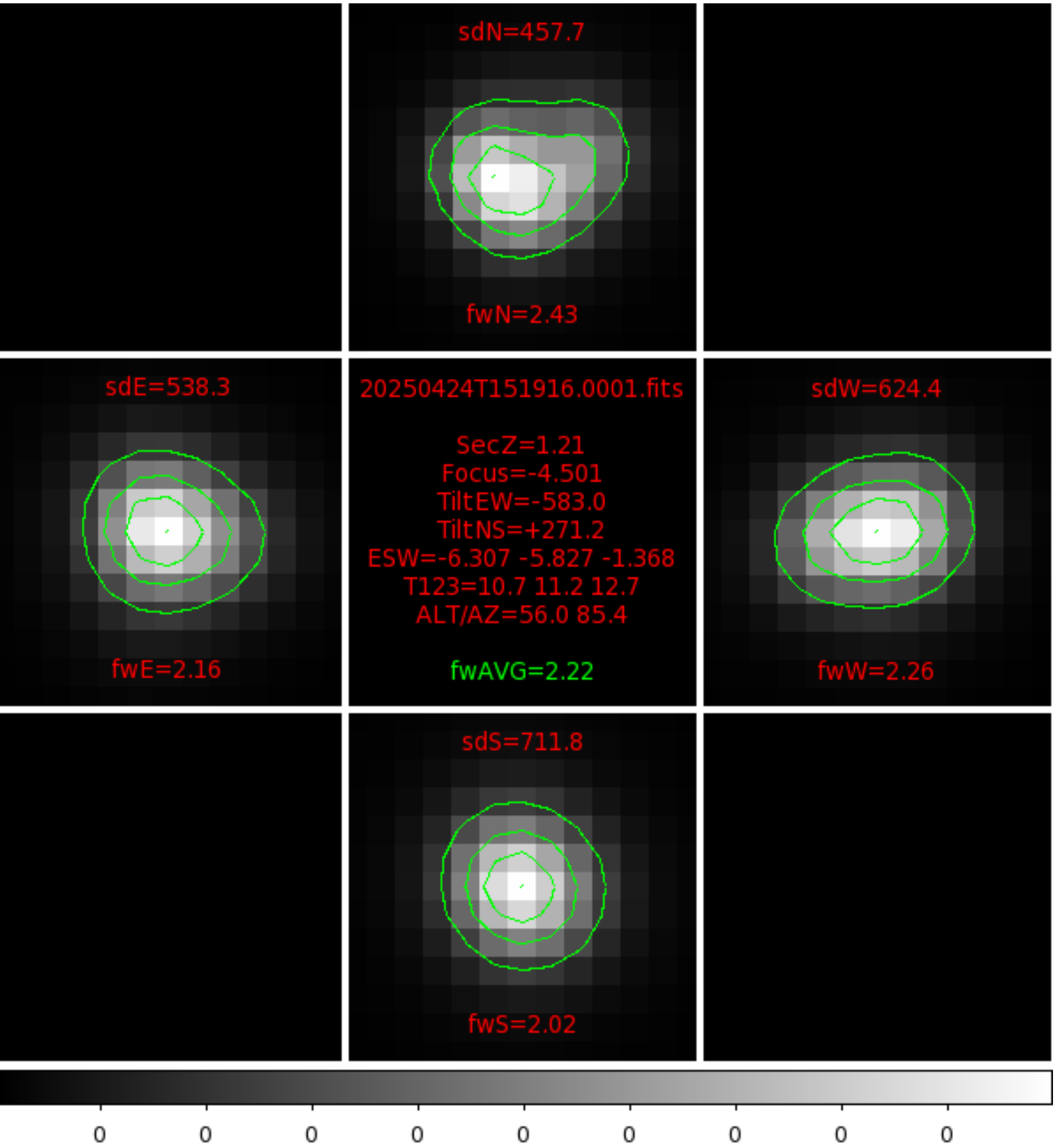
sdN=457.7
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20250424T151916.0001.fits
SecZ=1.21
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.7 11.2 12.7
ALT/AZ=56.0 85.4
fwAVG=2.22
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sdS=711.8
fwS=2.02
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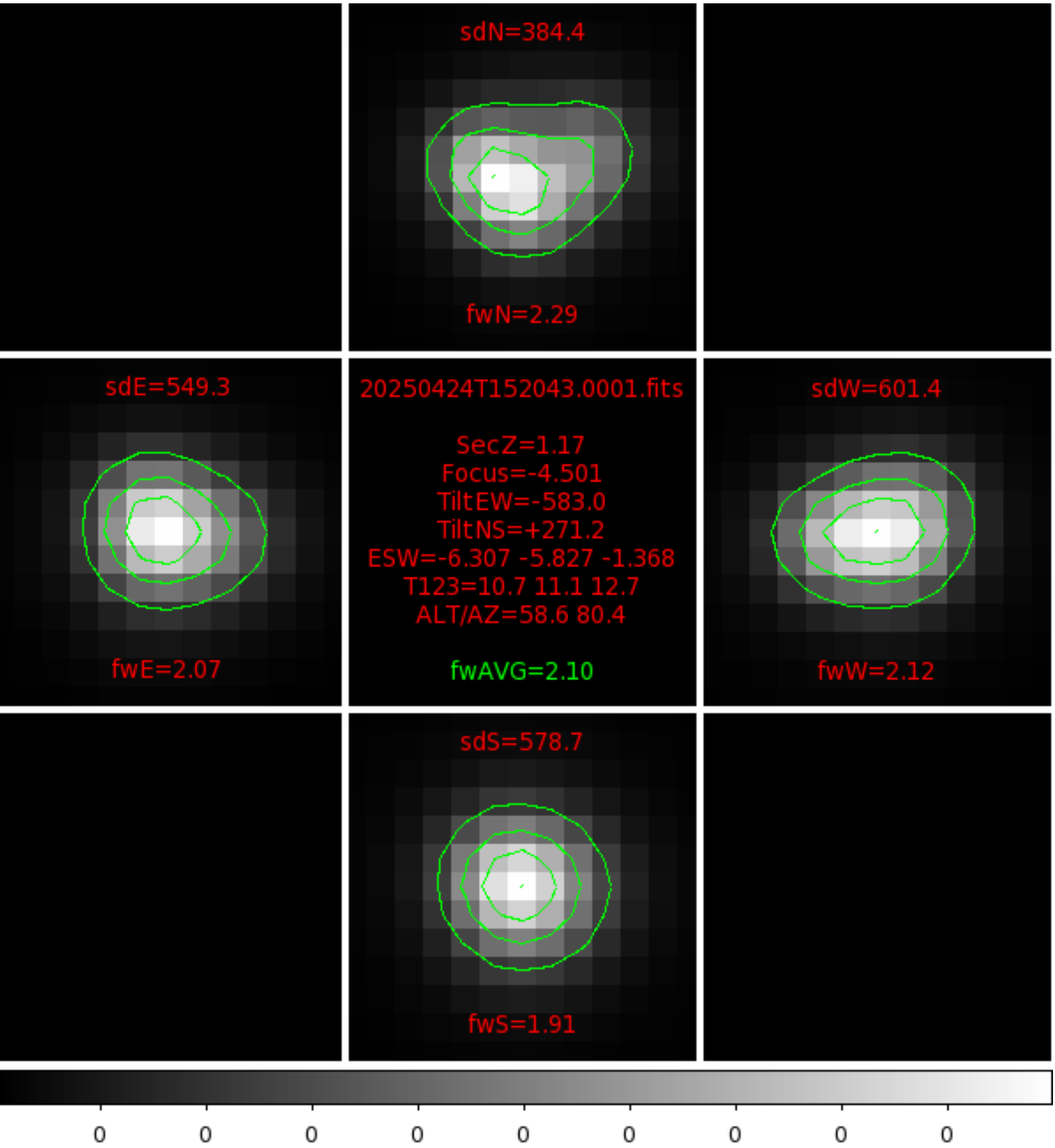
sdN=384.4
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sdE=549.3
fwE=2.07
20250424T152043.0001.fits
SecZ=1.17
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.7 11.1 12.7
ALT/AZ=58.6 80.4
fwAVG=2.10
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sdS=578.7
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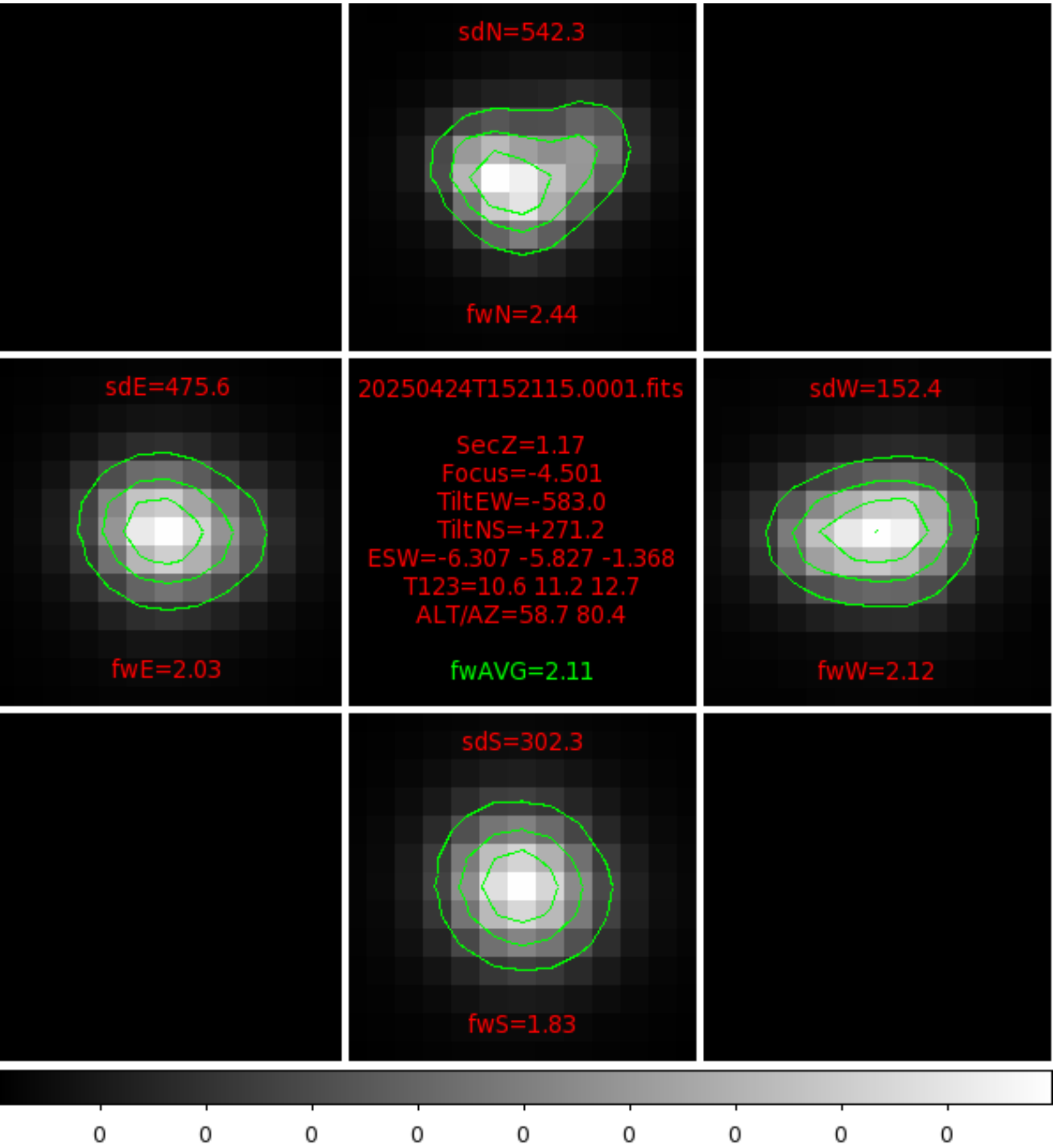
sdN=542.3
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20250424T152115.0001.fits
SecZ=1.17
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.6 11.2 12.7
ALT/AZ=58.7 80.4
fwAVG=2.11
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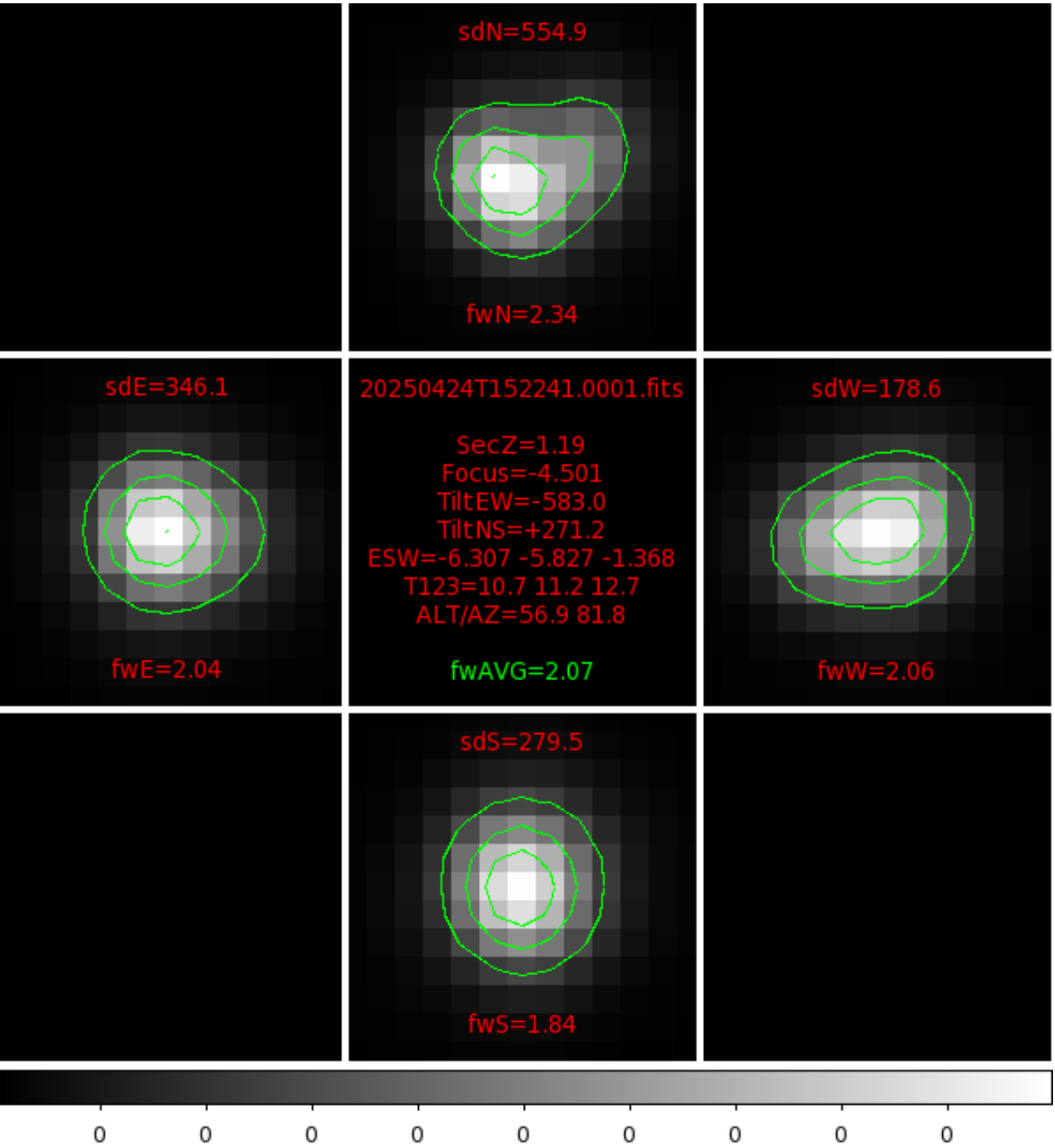
sdN=554.9
fwN=2.34
sdE=346.1
fwE=2.04
20250424T152241.0001.fits
SecZ=1.19
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.7 11.2 12.7
ALT/AZ=56.9 81.8
fwAVG=2.07
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sdS=279.5
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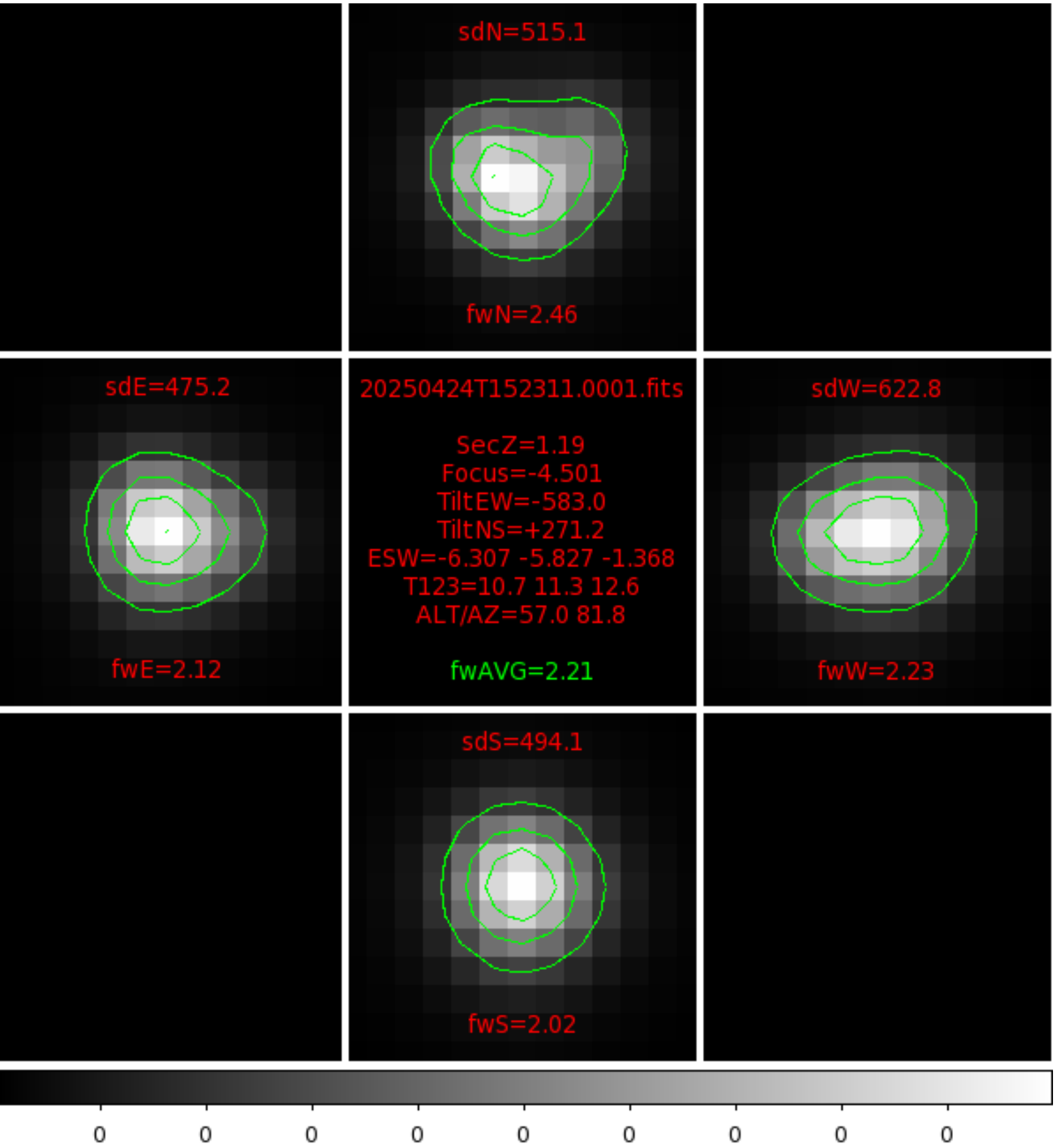
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sdE=475.2
fwE=2.12
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SecZ=1.19
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.7 11.3 12.6
ALT/AZ=57.0 81.8
fwAVG=2.21
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sdS=494.1
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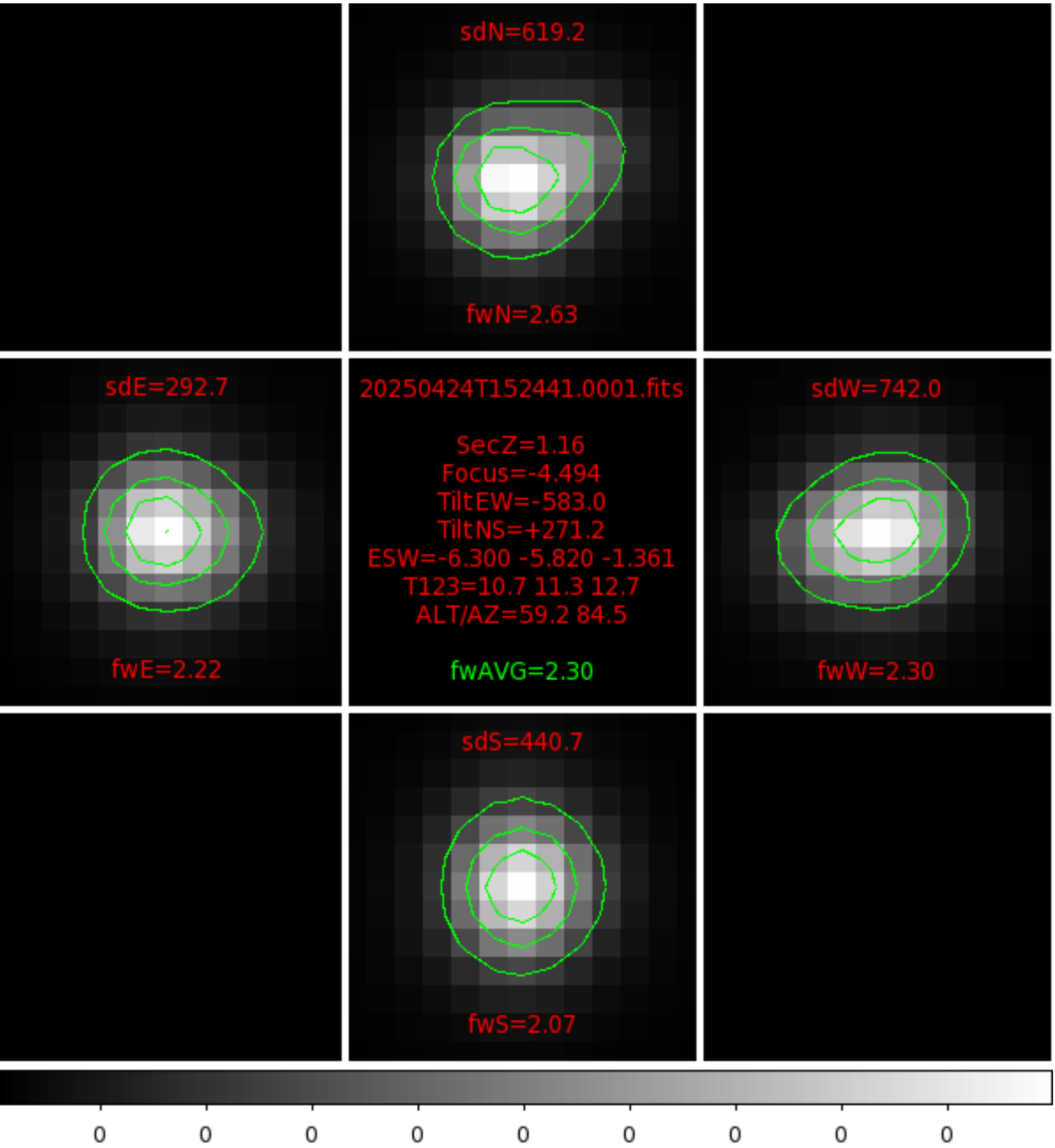
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SecZ=1.16
Focus=-4.494
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.7 11.3 12.7
ALT/AZ=59.2 84.5
fwAVG=2.30
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sdS=440.7
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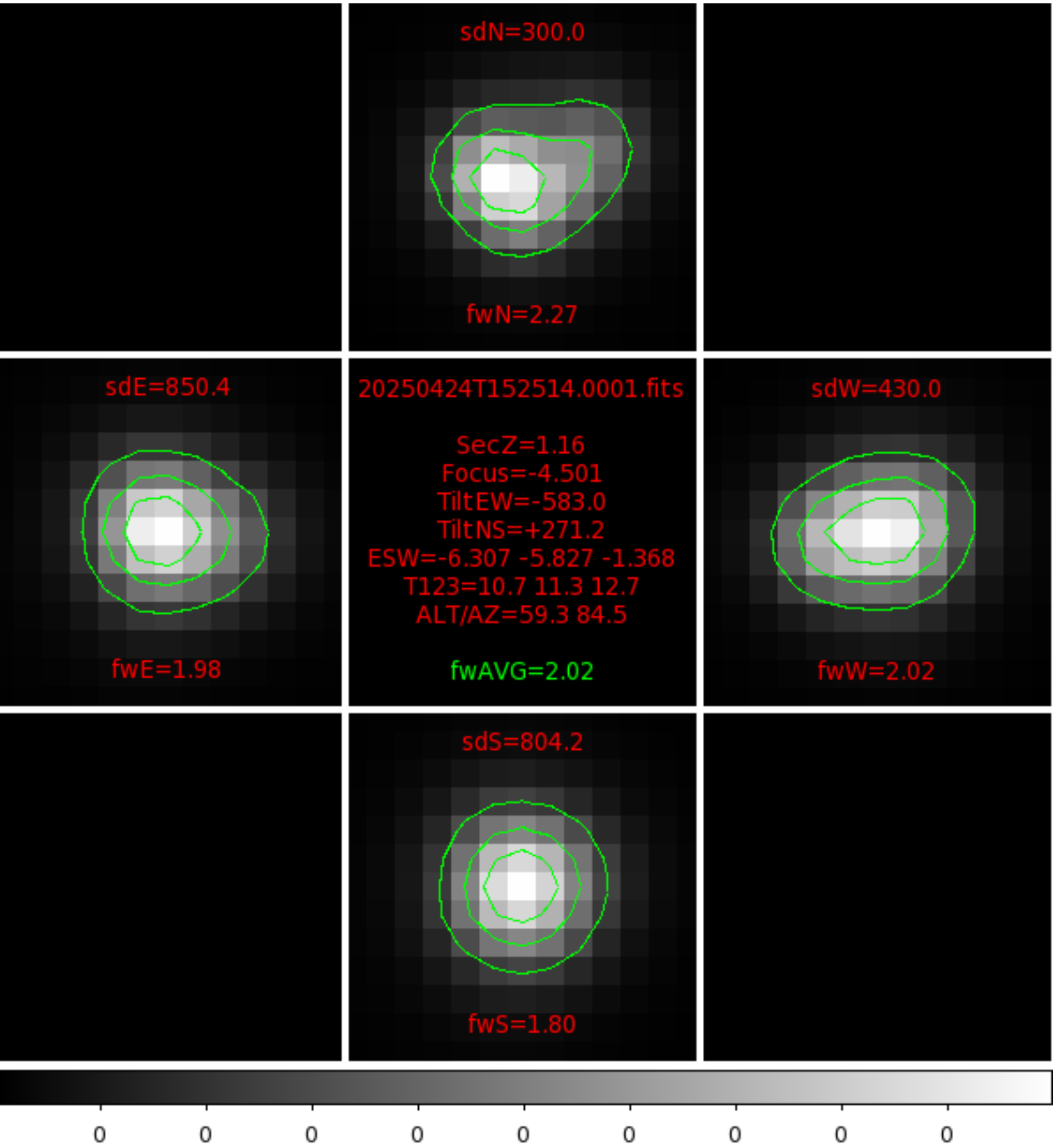
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sdE=850.4
fwE=1.98
20250424T152514.0001.fits
SecZ=1.16
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.7 11.3 12.7
ALT/AZ=59.3 84.5
fwAVG=2.02
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sdS=804.2
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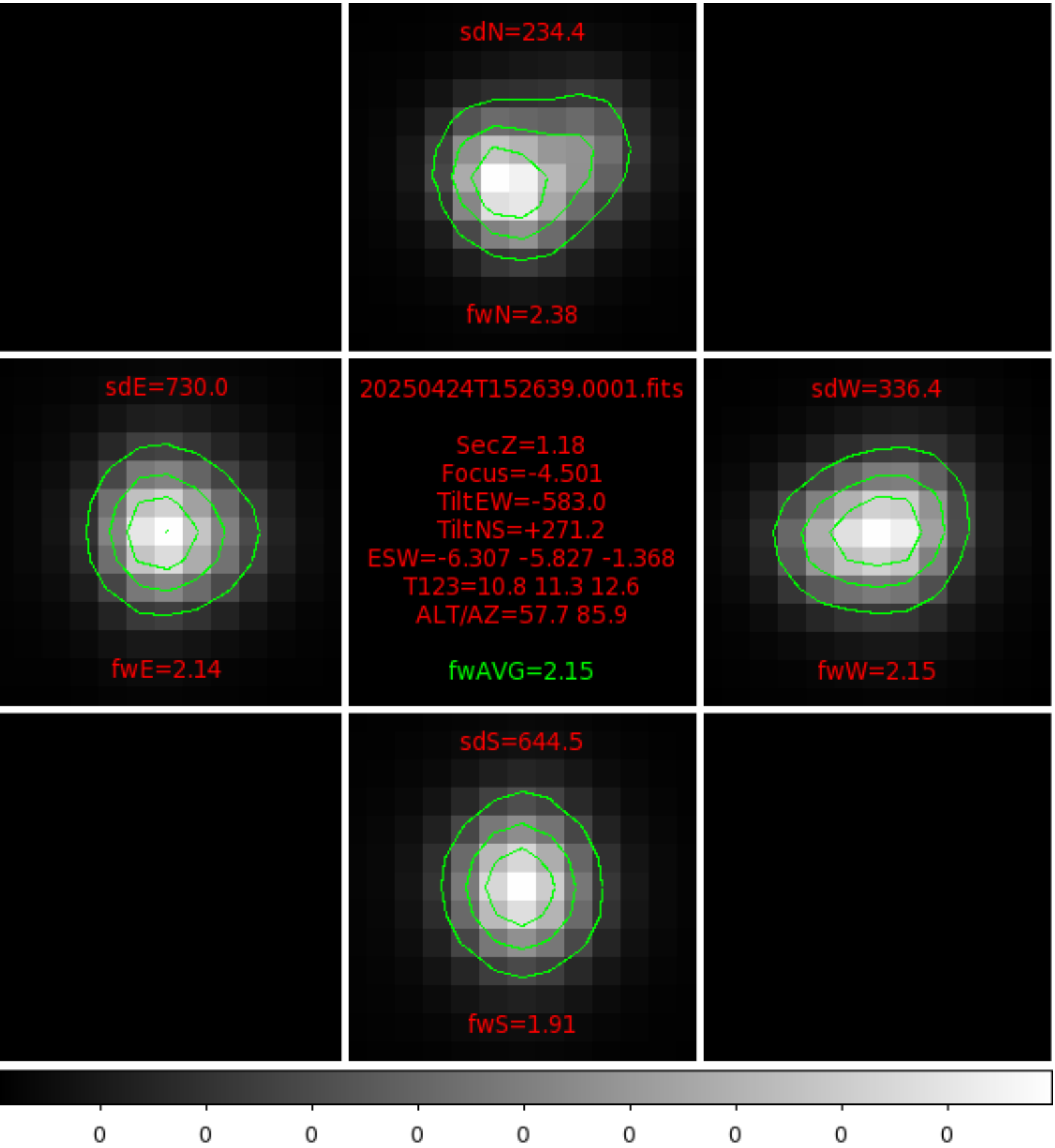
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sdE=730.0
fwE=2.14
20250424T152639.0001.fits
SecZ=1.18
Focus=-4.501
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.307 -5.827 -1.368
T123=10.8 11.3 12.6
ALT/AZ=57.7 85.9
fwAVG=2.15
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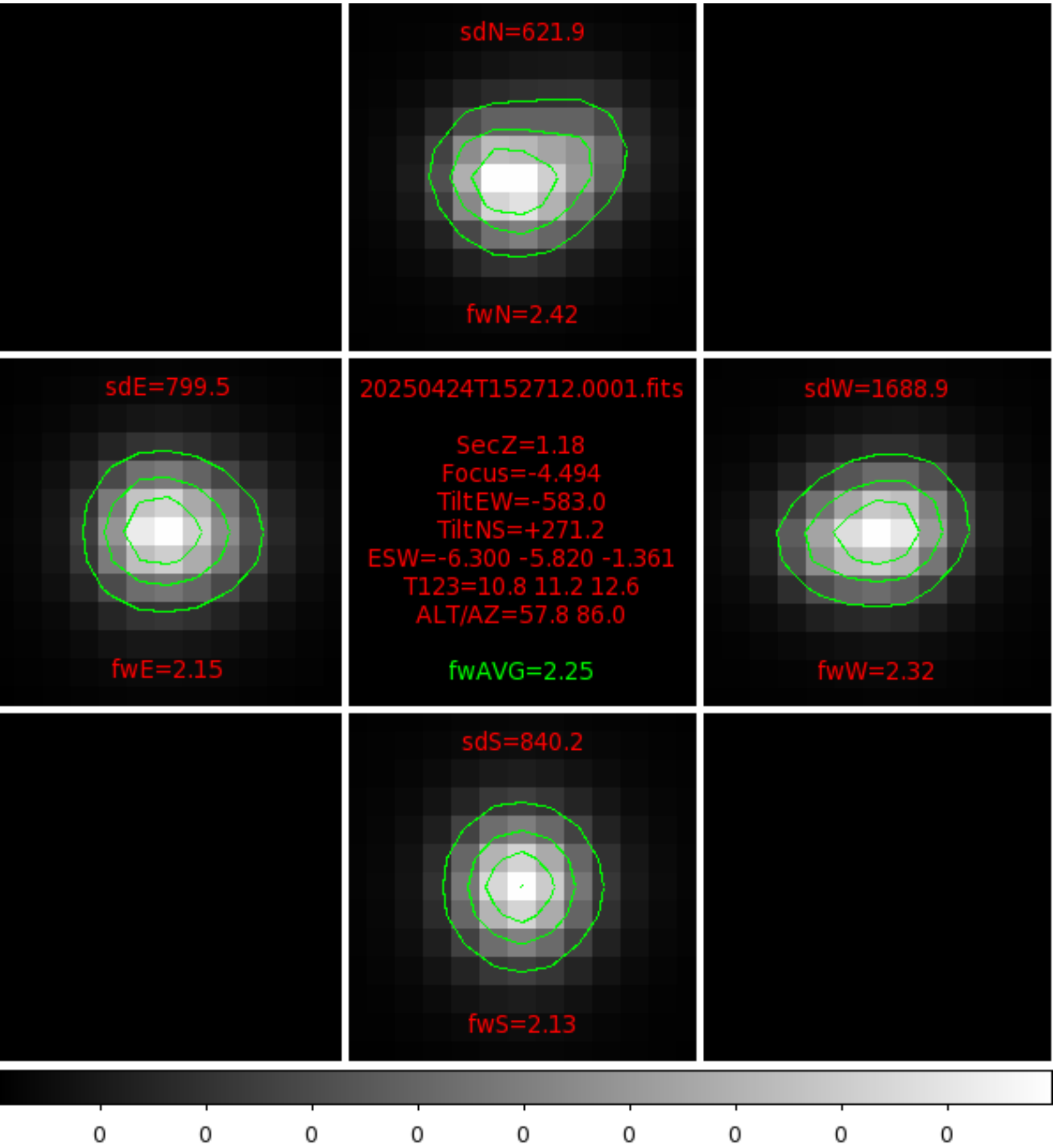
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sdE=799.5
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20250424T152712.0001.fits
SecZ=1.18
Focus=-4.494
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.8 11.2 12.6
ALT/AZ=57.8 86.0
fwAVG=2.25
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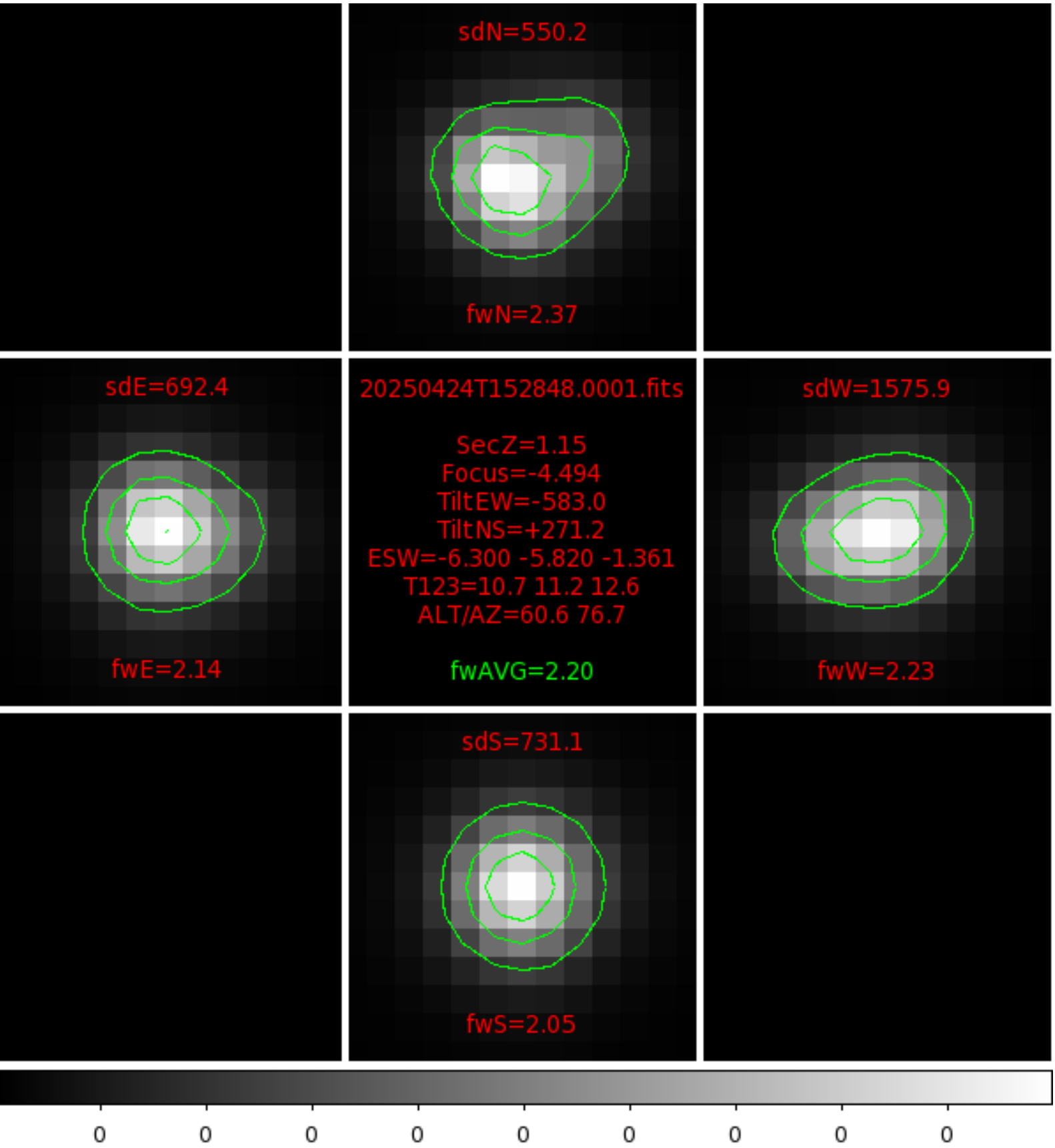
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sdE=692.4
fwE=2.14
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SecZ=1.15
Focus=-4.494
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.7 11.2 12.6
ALT/AZ=60.6 76.7
fwAVG=2.20
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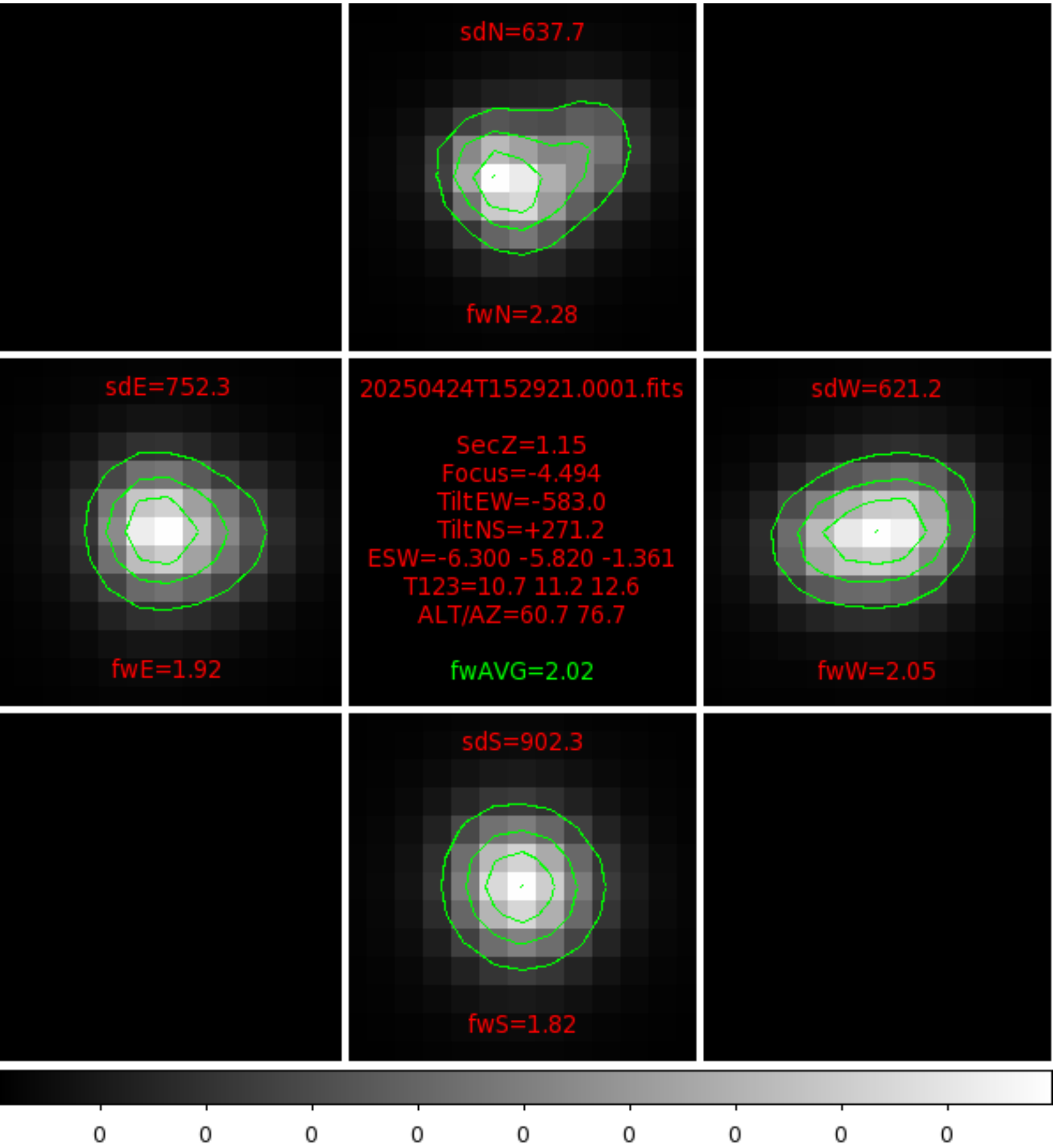
sdN=637.7
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sdE=752.3
fwE=1.92
20250424T152921.0001.fits
SecZ=1.15
Focus=-4.494
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.7 11.2 12.6
ALT/AZ=60.7 76.7
fwAVG=2.02
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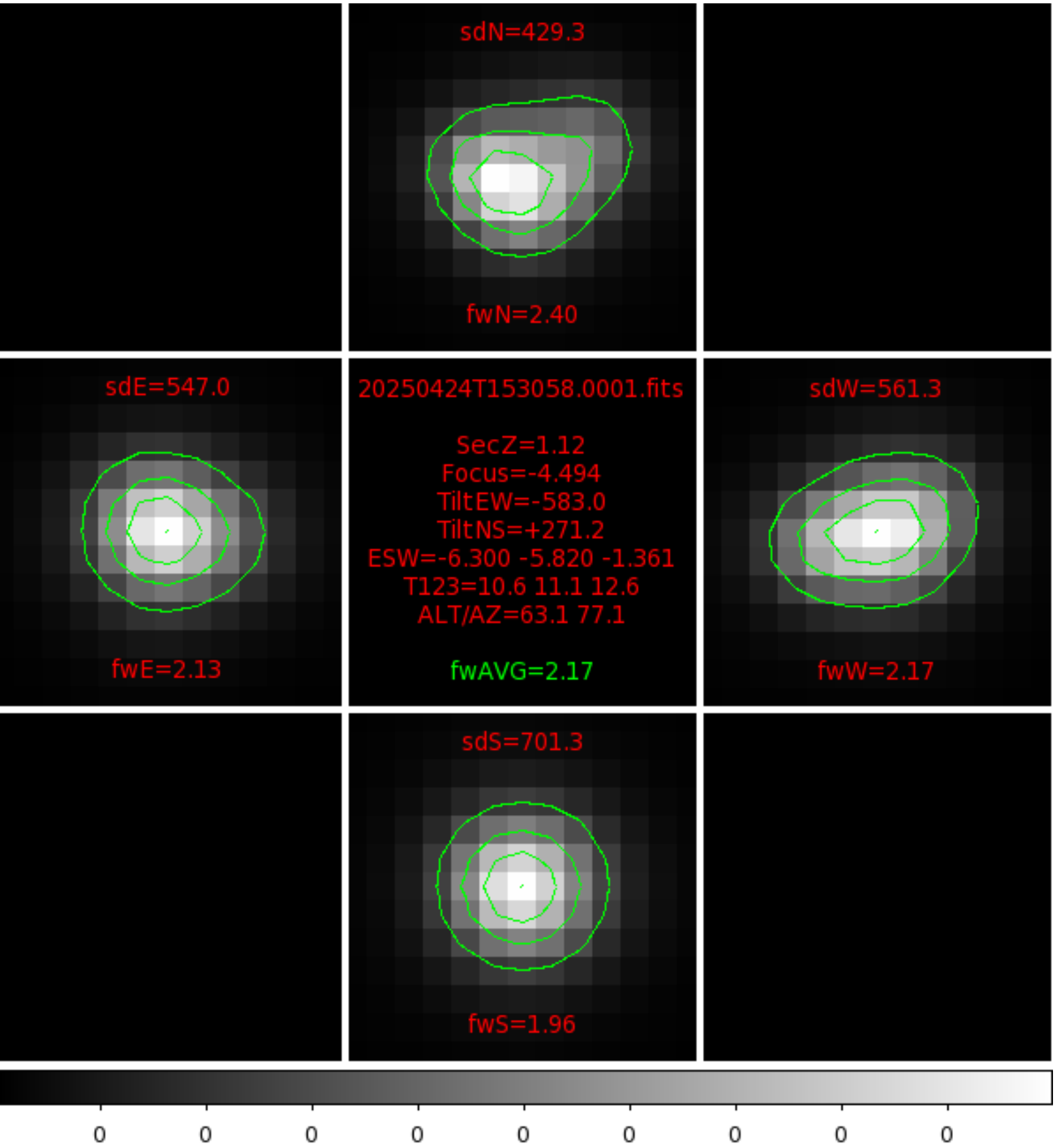
sdN=429.3
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sdE=547.0
fwE=2.13
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SecZ=1.12
Focus=-4.494
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.6 11.1 12.6
ALT/AZ=63.1 77.1
fwAVG=2.17
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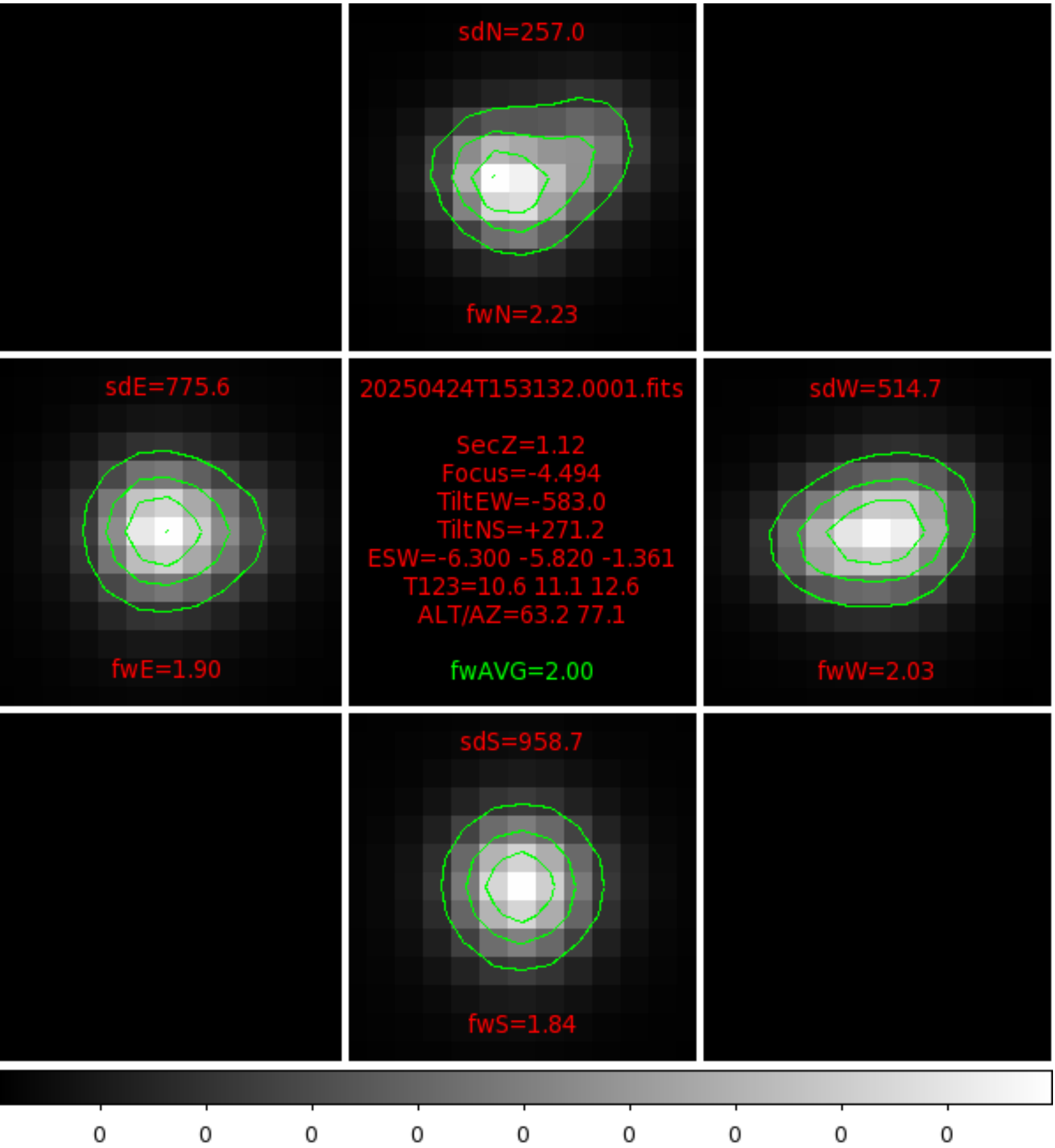
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SecZ=1.12
Focus=-4.494
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TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.6 11.1 12.6
ALT/AZ=63.2 77.1
fwAVG=2.00
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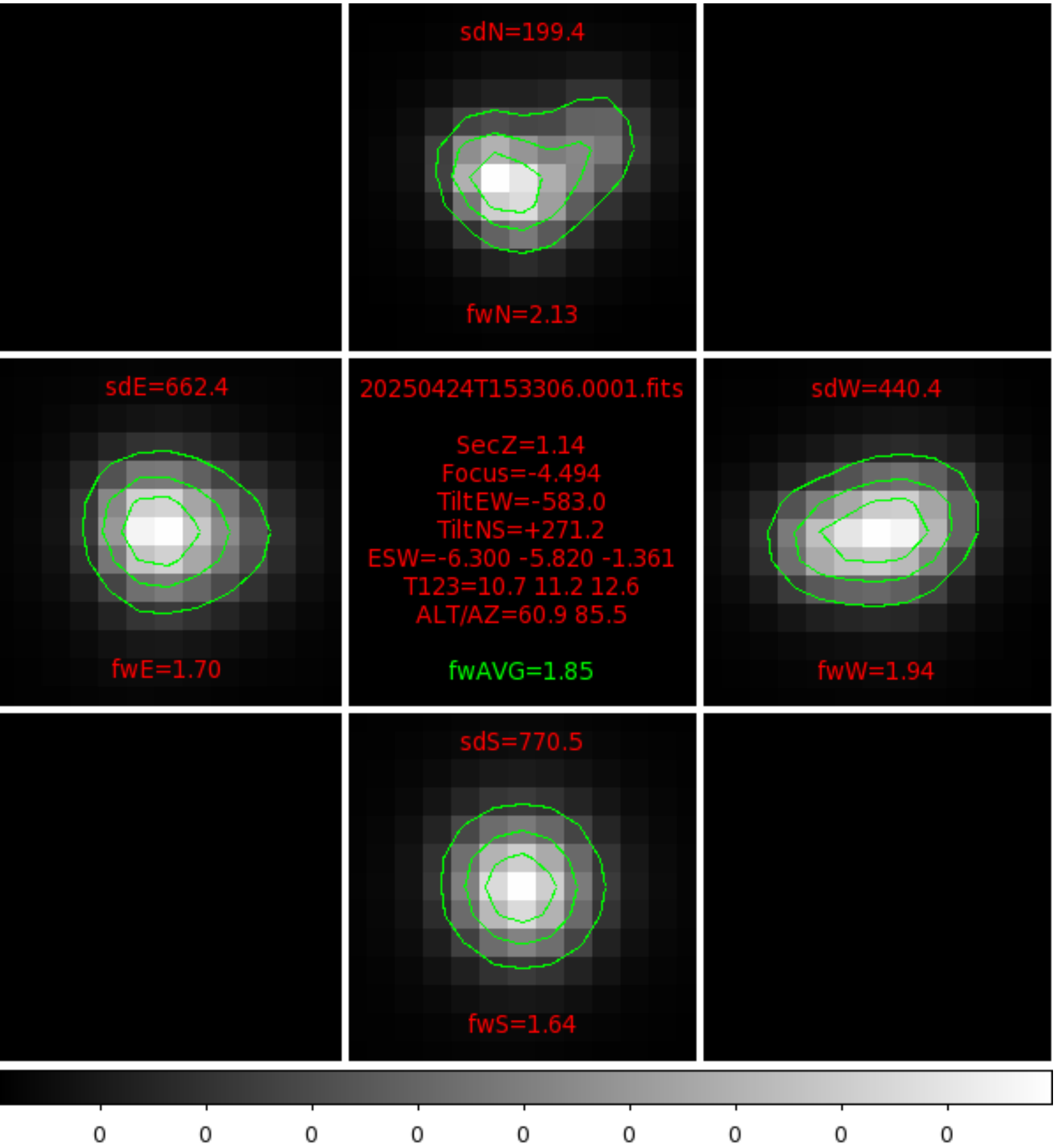
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20250424T153306.0001.fits
SecZ=1.14
Focus=-4.494
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.7 11.2 12.6
ALT/AZ=60.9 85.5
fwAVG=1.85
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sdS=770.5
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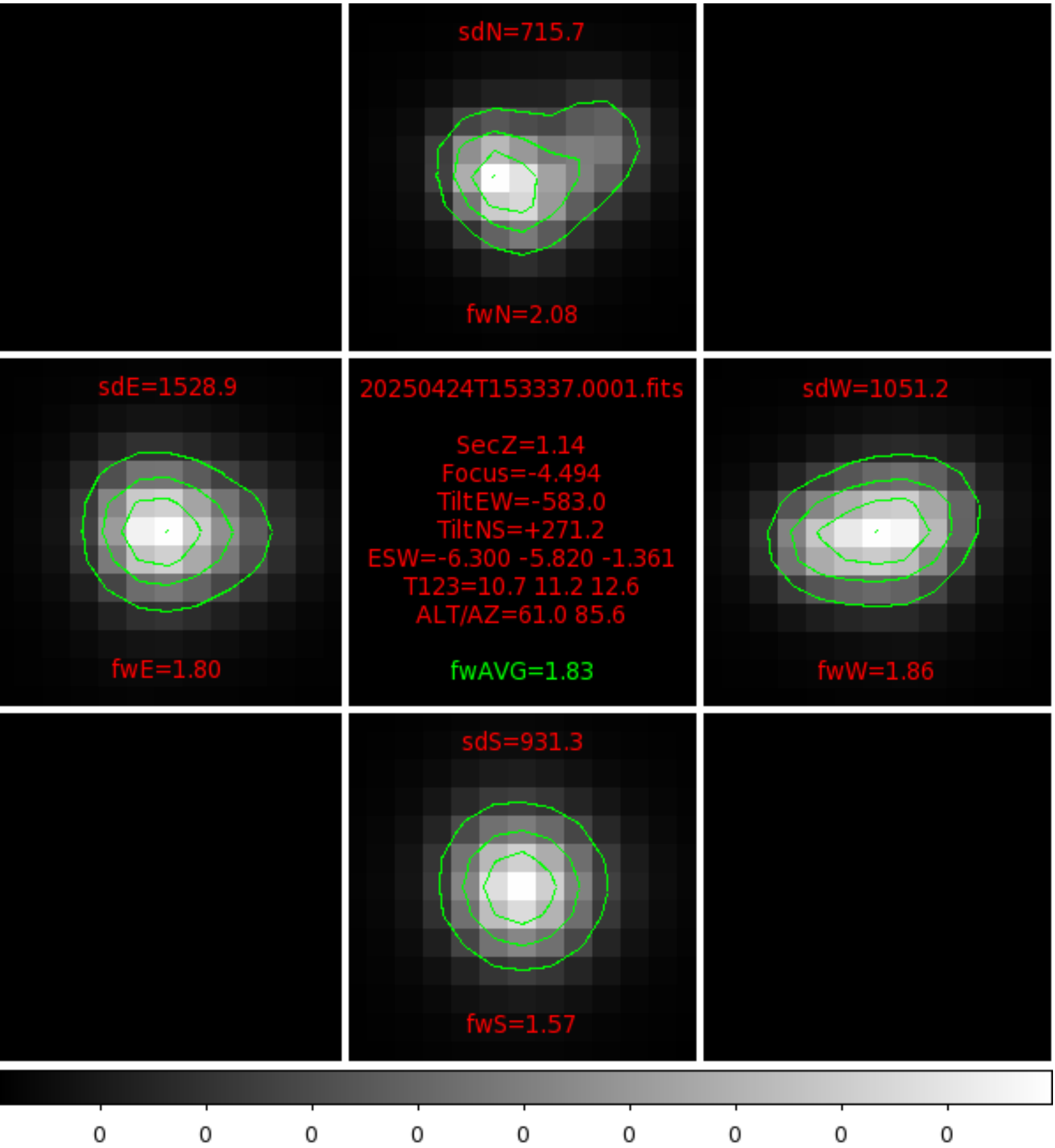
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sdE=1528.9
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20250424T153337.0001.fits
SecZ=1.14
Focus=-4.494
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.7 11.2 12.6
ALT/AZ=61.0 85.6
fwAVG=1.83
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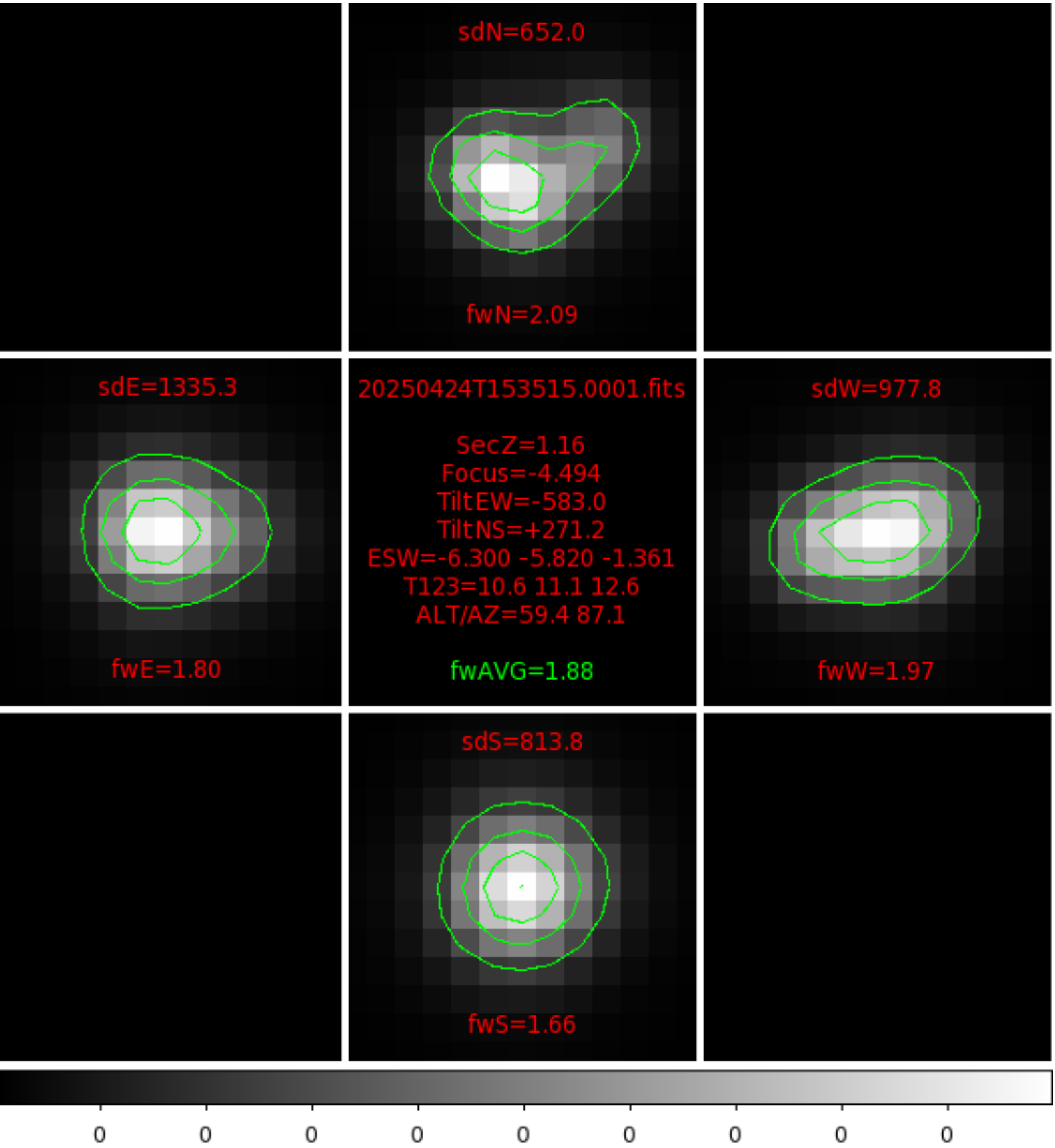
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fwE=1.80
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Focus=-4.494
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.6 11.1 12.6
ALT/AZ=59.4 87.1
fwAVG=1.88
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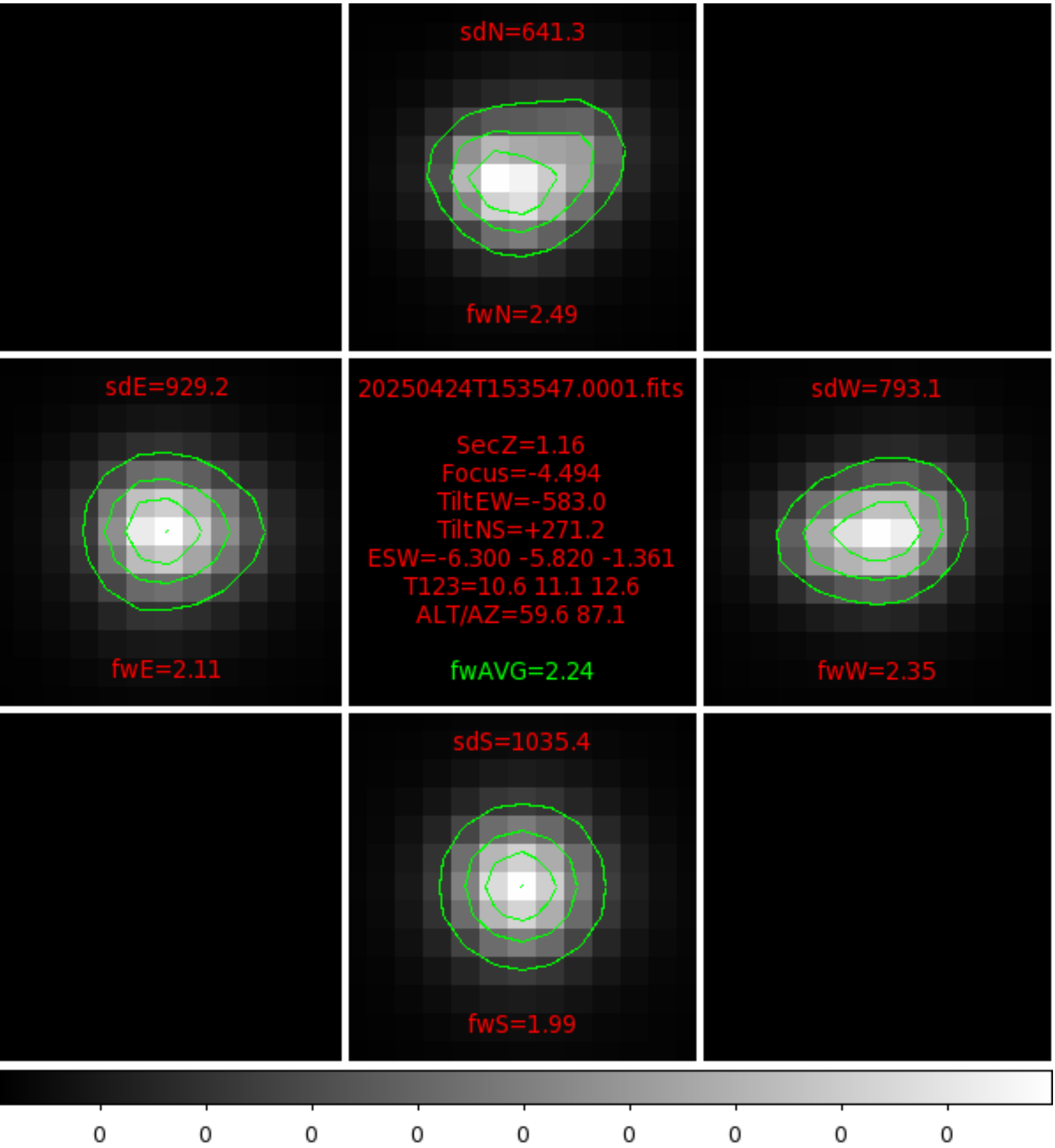
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SecZ=1.16
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.6 11.1 12.6
ALT/AZ=59.6 87.1
fwAVG=2.24
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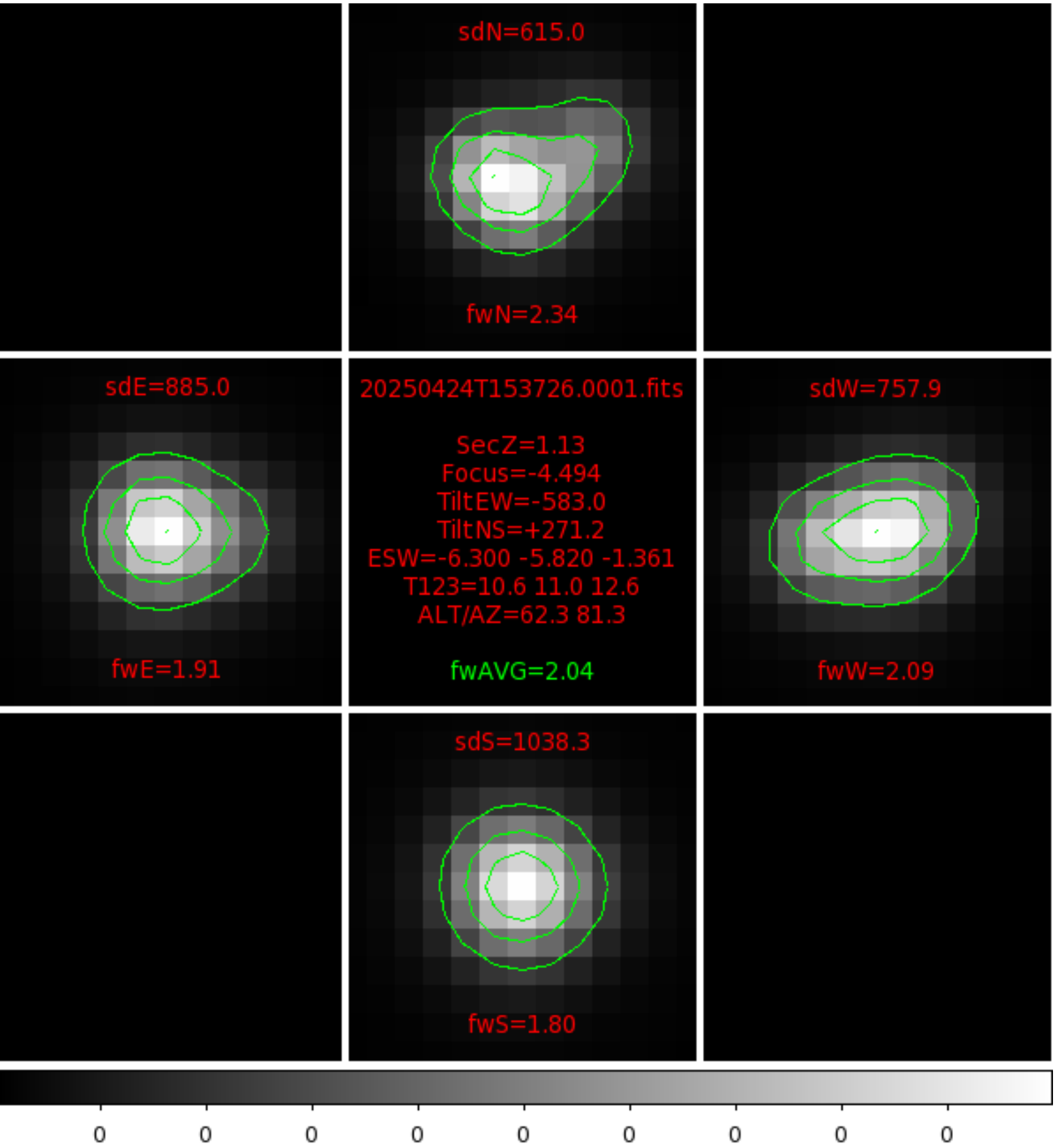
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sdE=885.0
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20250424T153726.0001.fits
SecZ=1.13
Focus=-4.494
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.6 11.0 12.6
ALT/AZ=62.3 81.3
fwAVG=2.04
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sdS=1038.3
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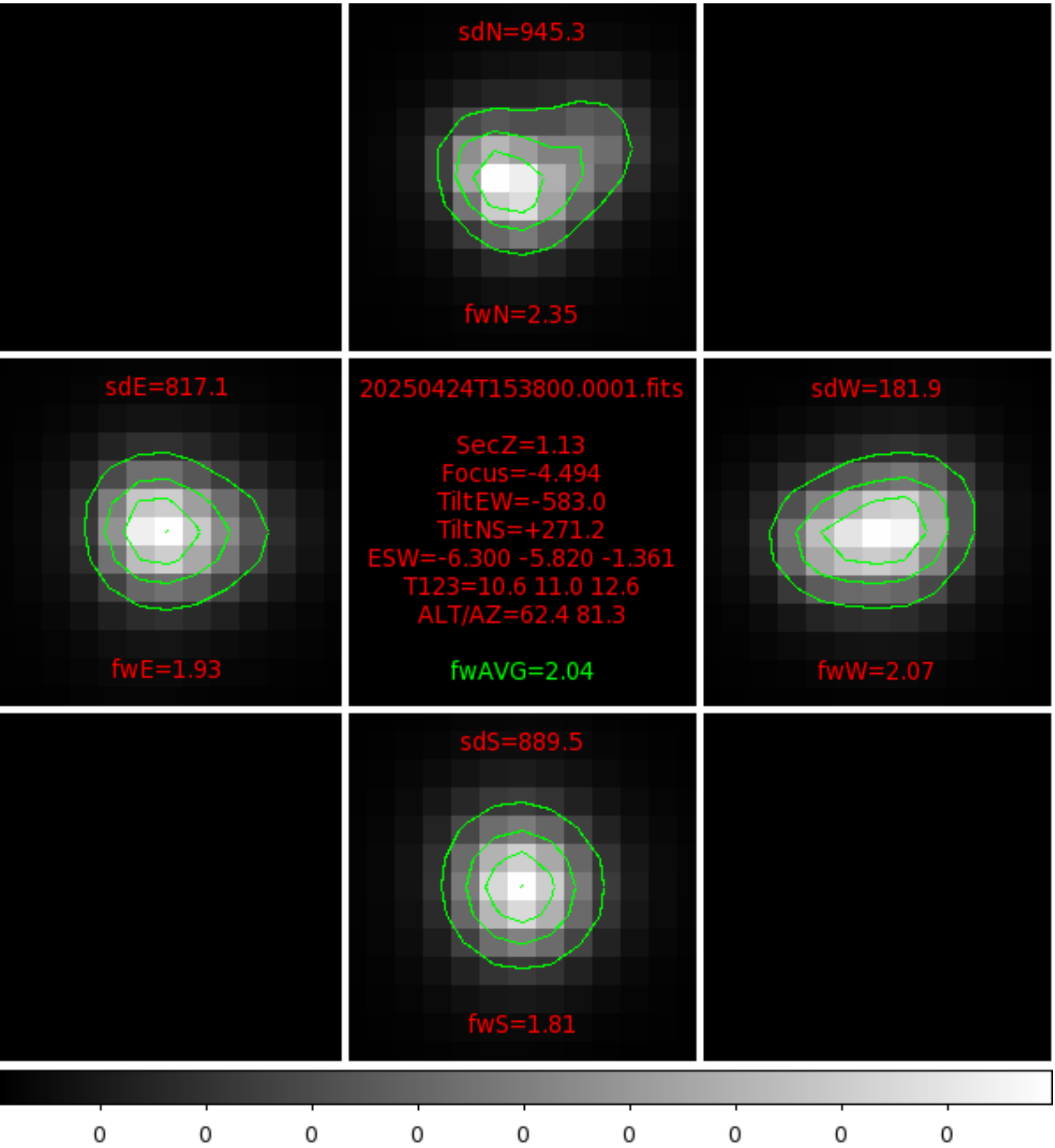
sdN=945.3
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sdE=817.1
fwE=1.93
20250424T153800.0001.fits
SecZ=1.13
Focus=-4.494
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.6 11.0 12.6
ALT/AZ=62.4 81.3
fwAVG=2.04
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sdS=889.5
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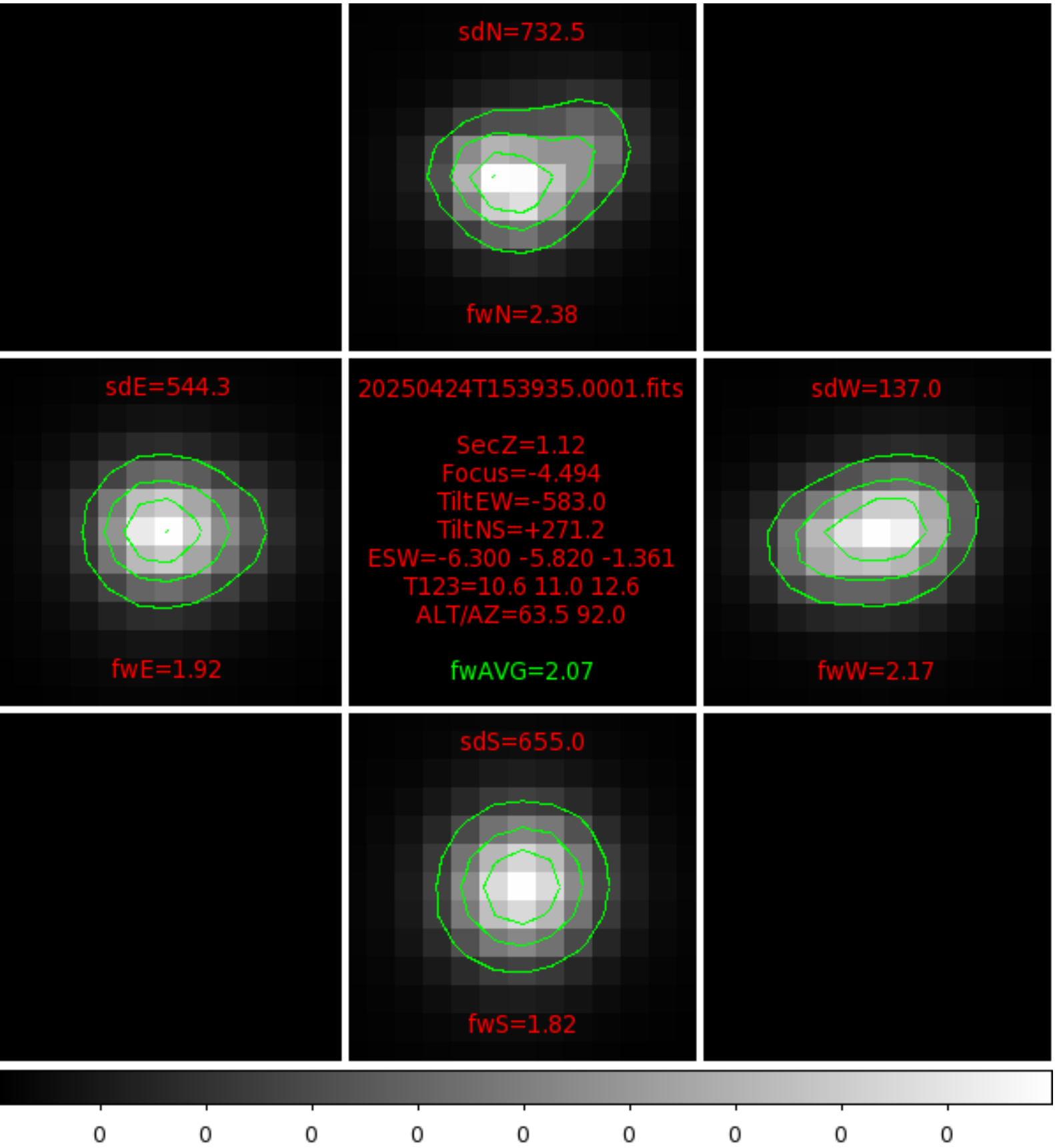
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fwN=2.38
sdE=544.3
fwE=1.92
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SecZ=1.12
Focus=-4.494
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.6 11.0 12.6
ALT/AZ=63.5 92.0
fwAVG=2.07
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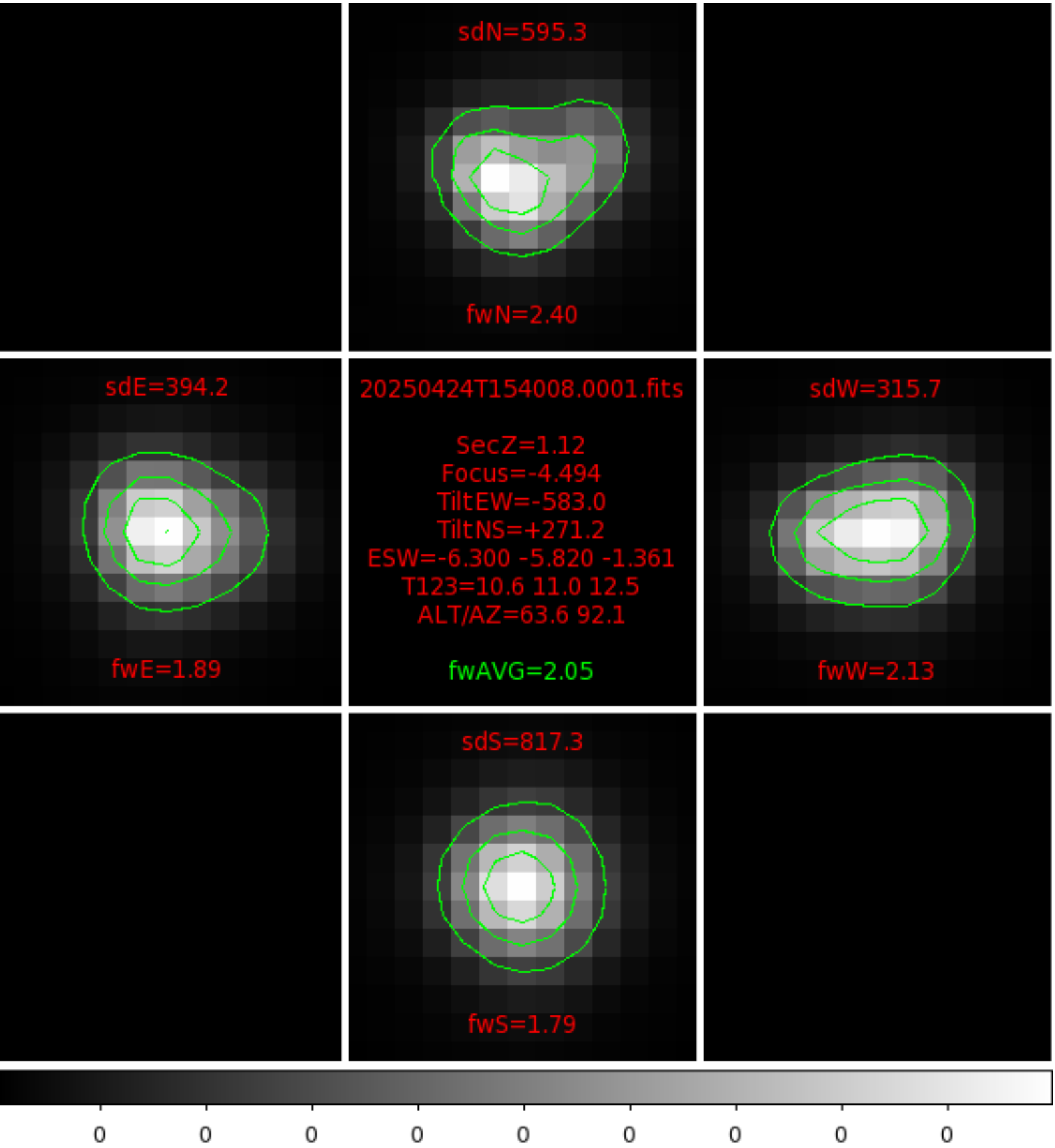
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SecZ=1.12
Focus=-4.494
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.300 -5.820 -1.361
T123=10.6 11.0 12.5
ALT/AZ=63.6 92.1
fwAVG=2.05
sdW=315.7
fwW=2.13
sdS=817.3
fwS=1.79
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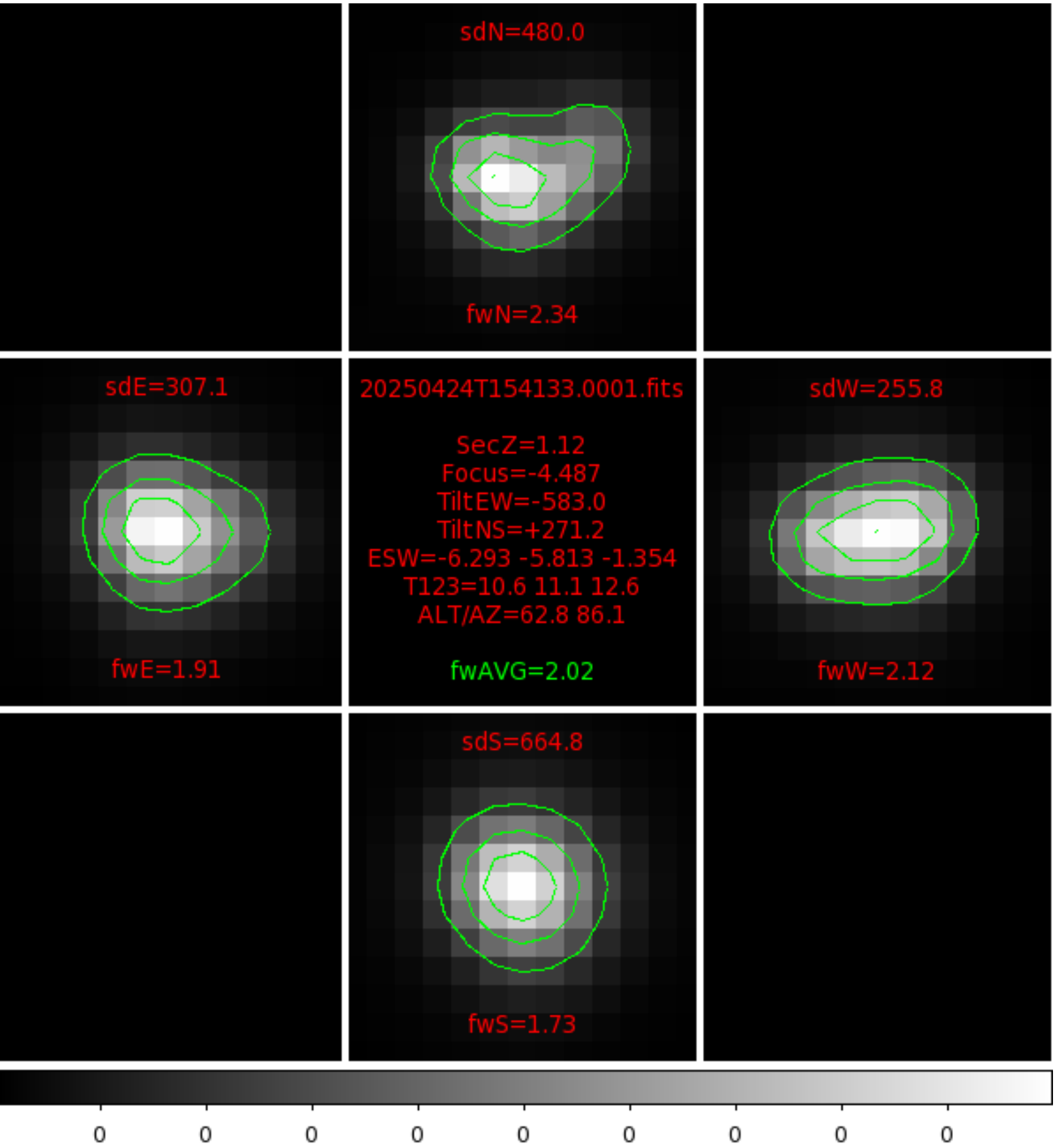
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T123=10.6 11.1 12.6
ALT/AZ=62.8 86.1
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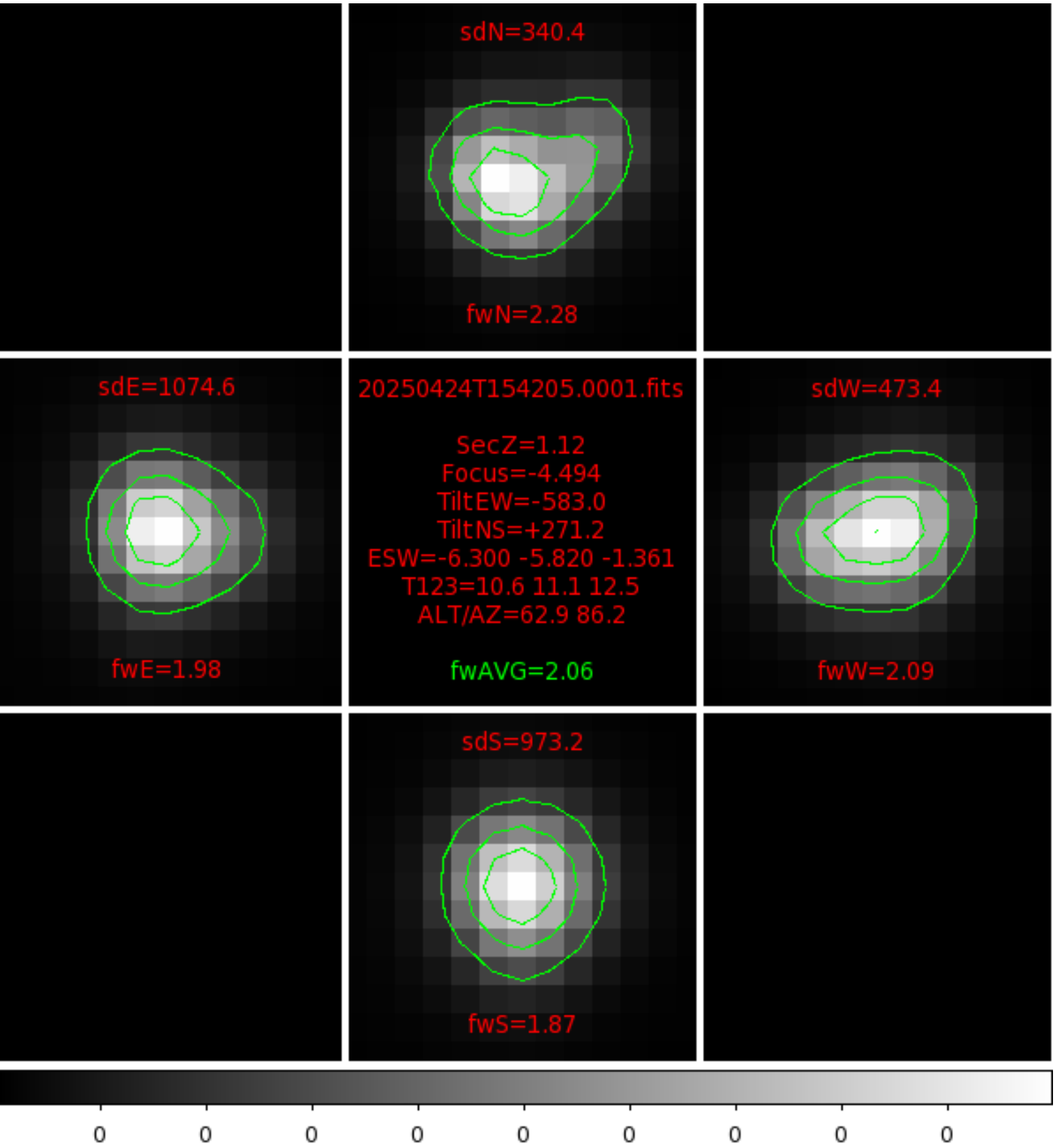
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ESW=-6.300 -5.820 -1.361
T123=10.6 11.1 12.5
ALT/AZ=62.9 86.2
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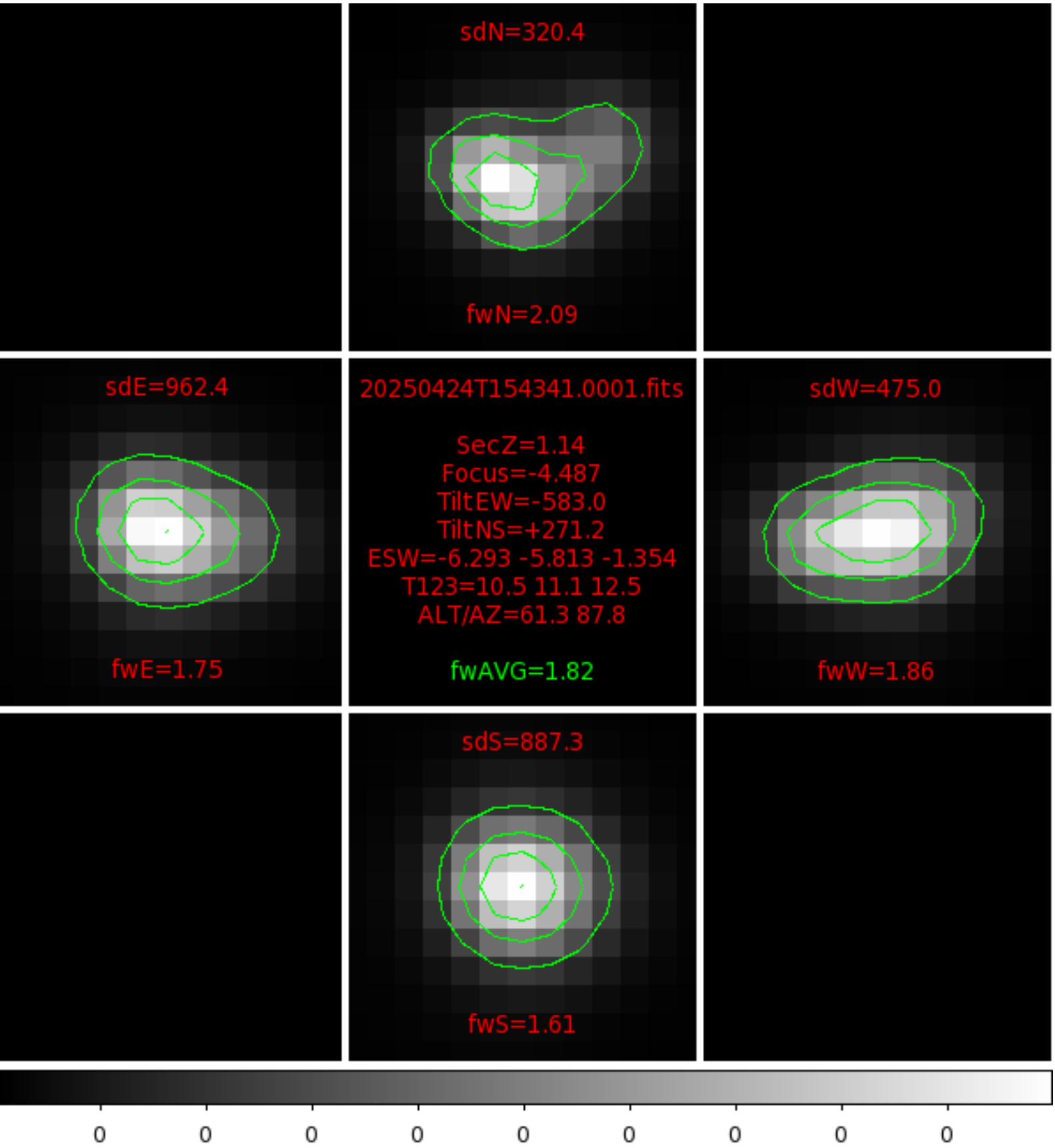
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SecZ=1.14
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ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=61.3 87.8
fwAVG=1.82
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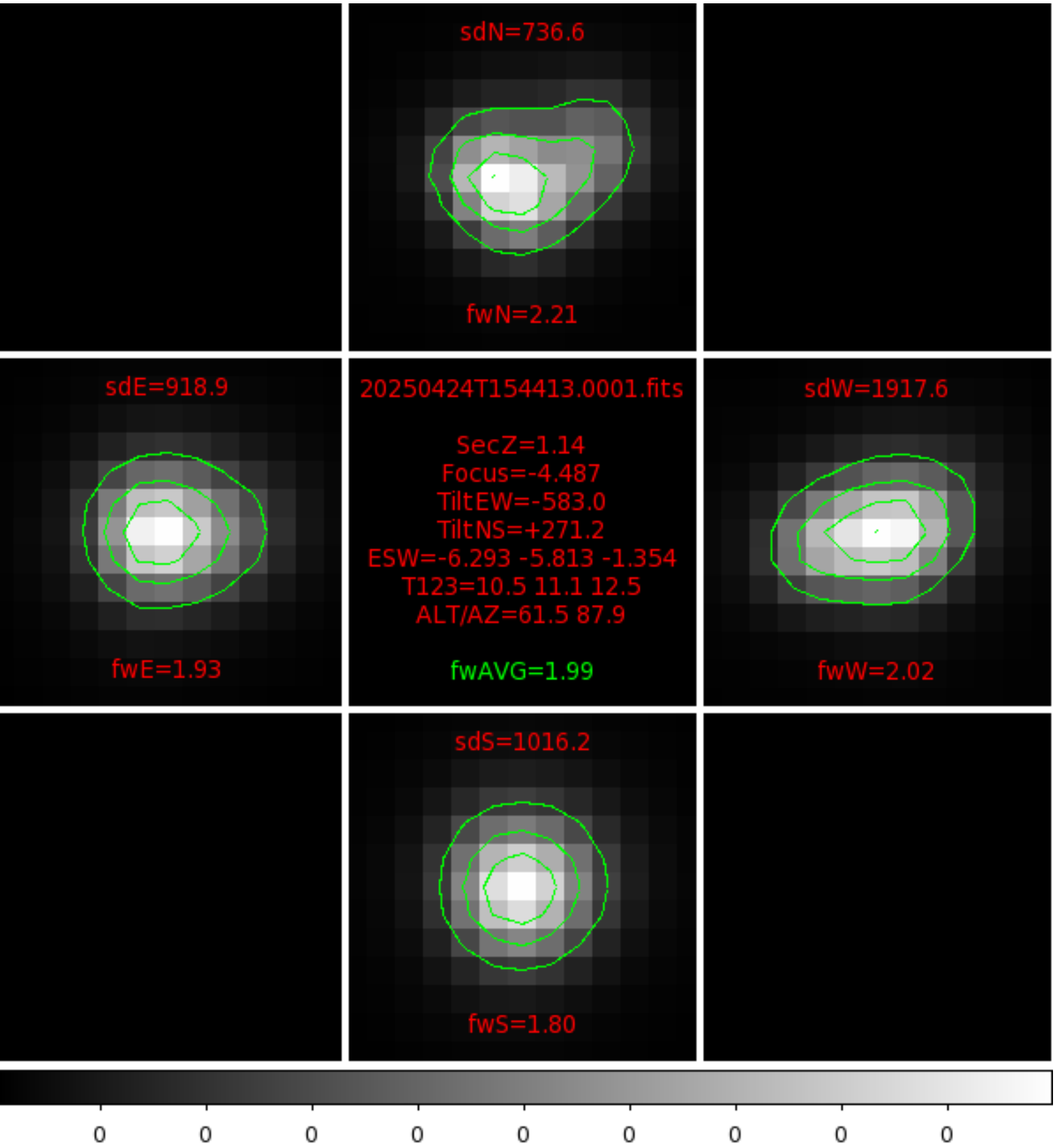
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20250424T154413.0001.fits
SecZ=1.14
Focus=-4.487
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=61.5 87.9
fwAVG=1.99
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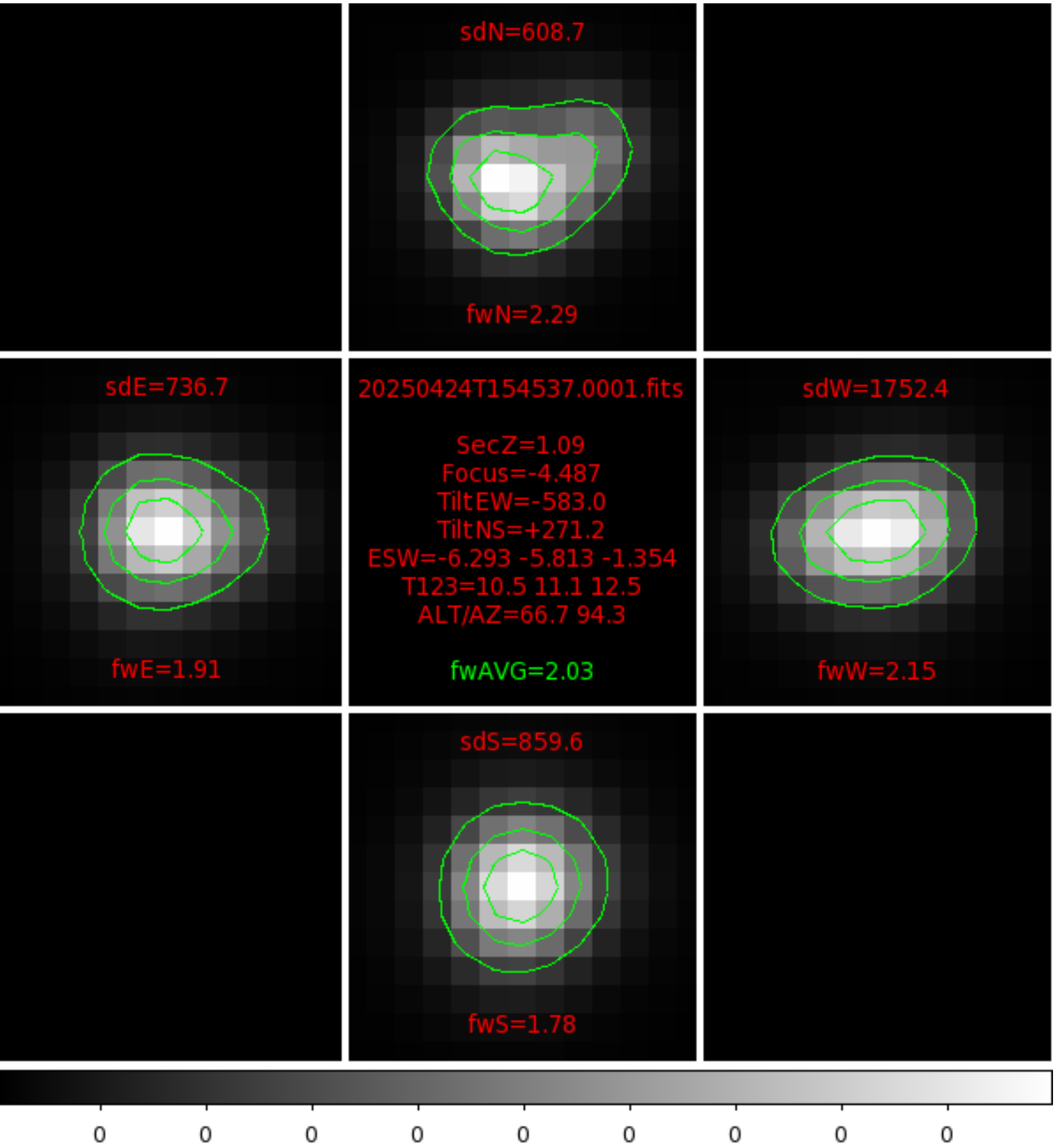
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SecZ=1.09
Focus=-4.487
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=66.7 94.3
fwAVG=2.03
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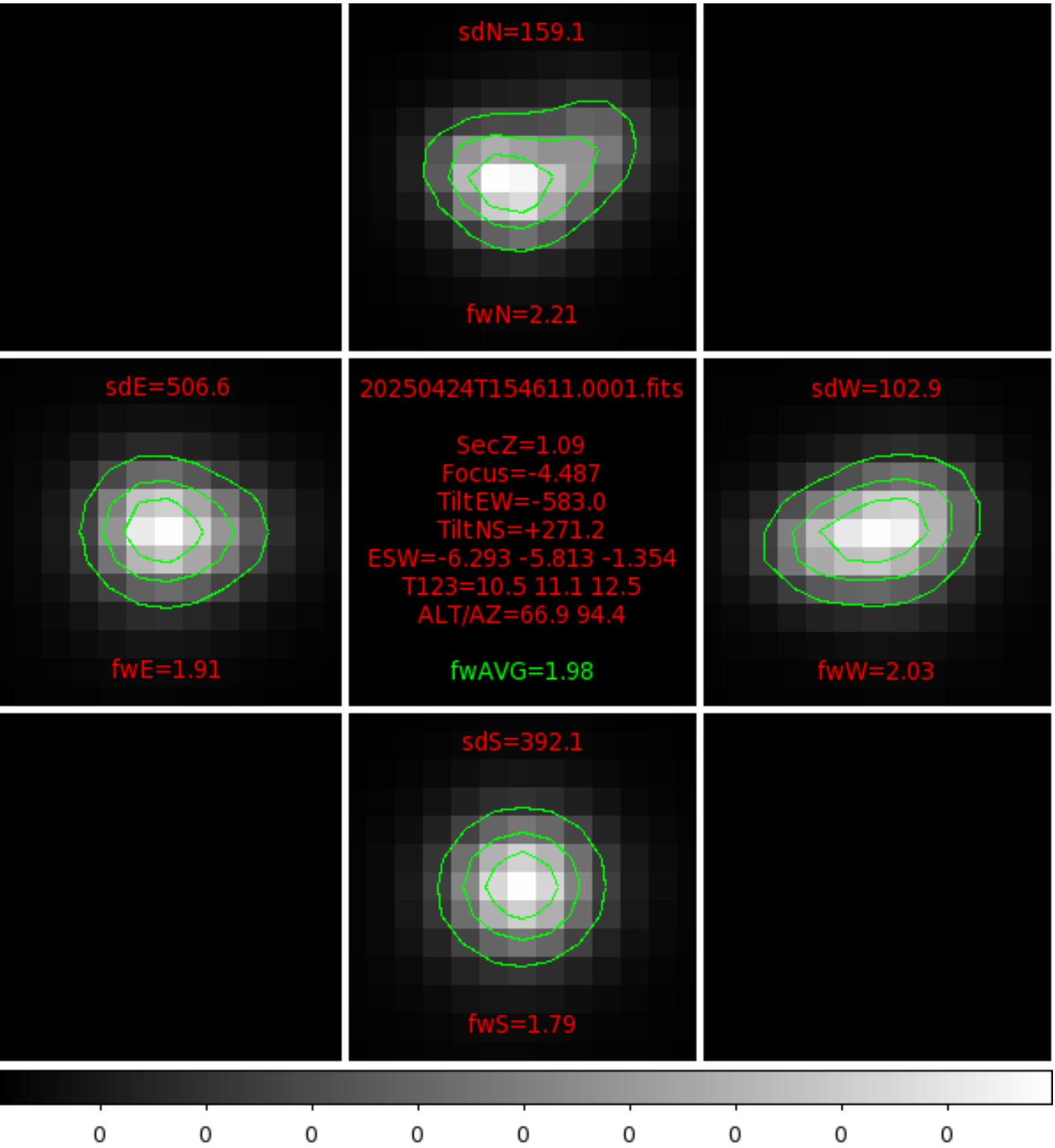
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SecZ=1.09
Focus=-4.487
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=66.9 94.4
fwAVG=1.98
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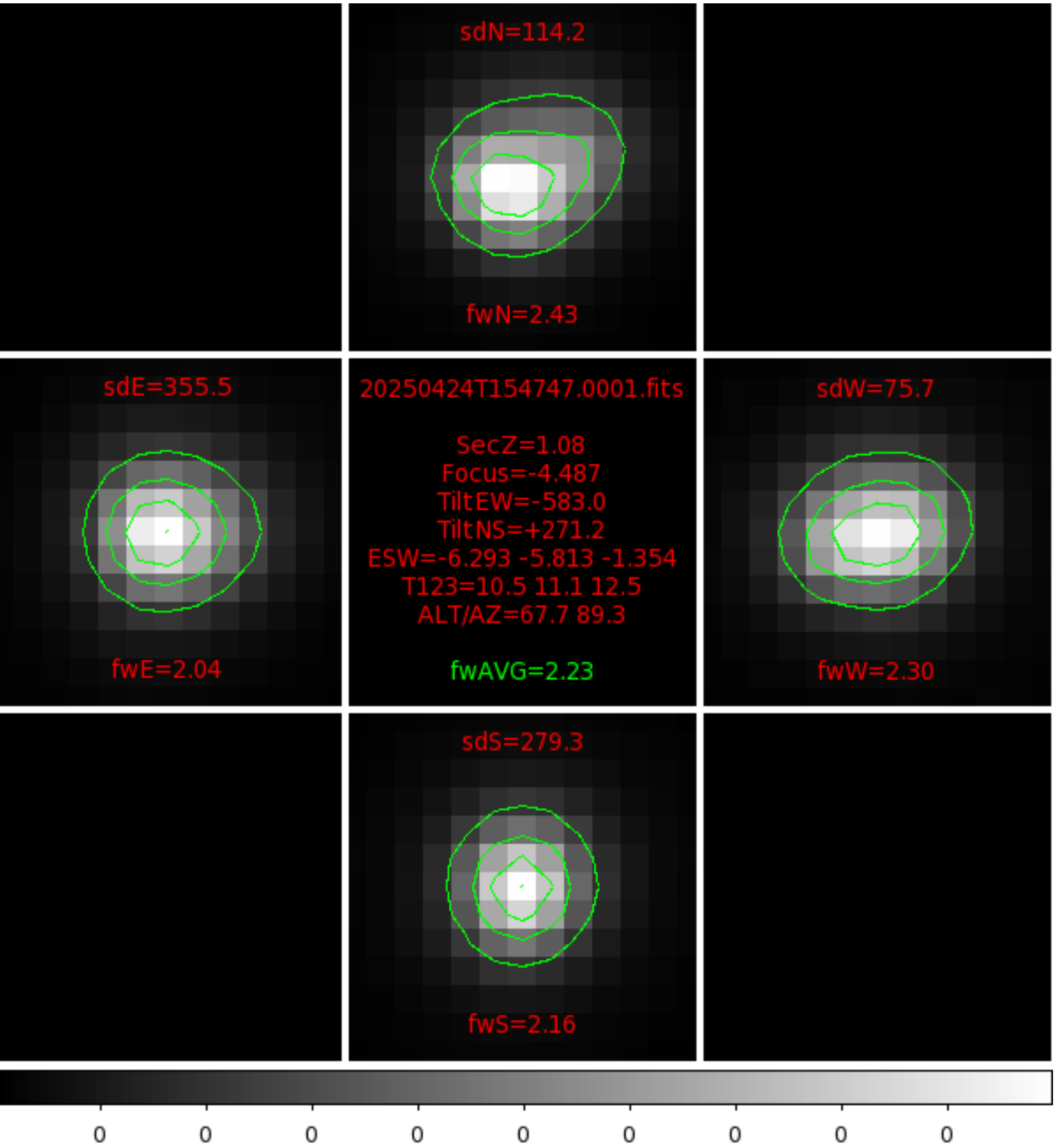
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sdE=355.5
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20250424T154747.0001.fits
SecZ=1.08
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=67.7 89.3
fwAVG=2.23
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sdS=279.3
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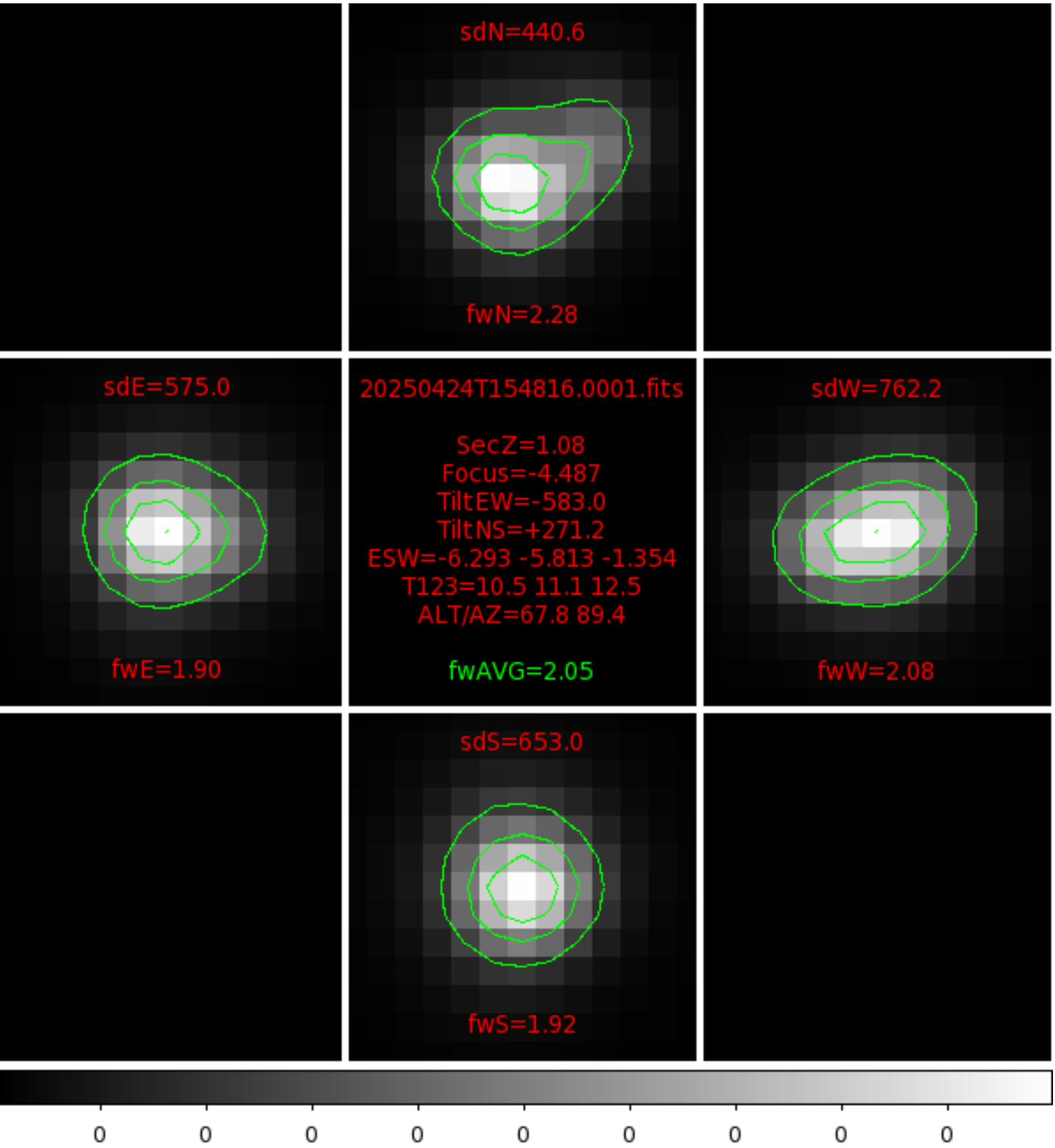
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fwE=1.90
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SecZ=1.08
Focus=-4.487
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=67.8 89.4
fwAVG=2.05
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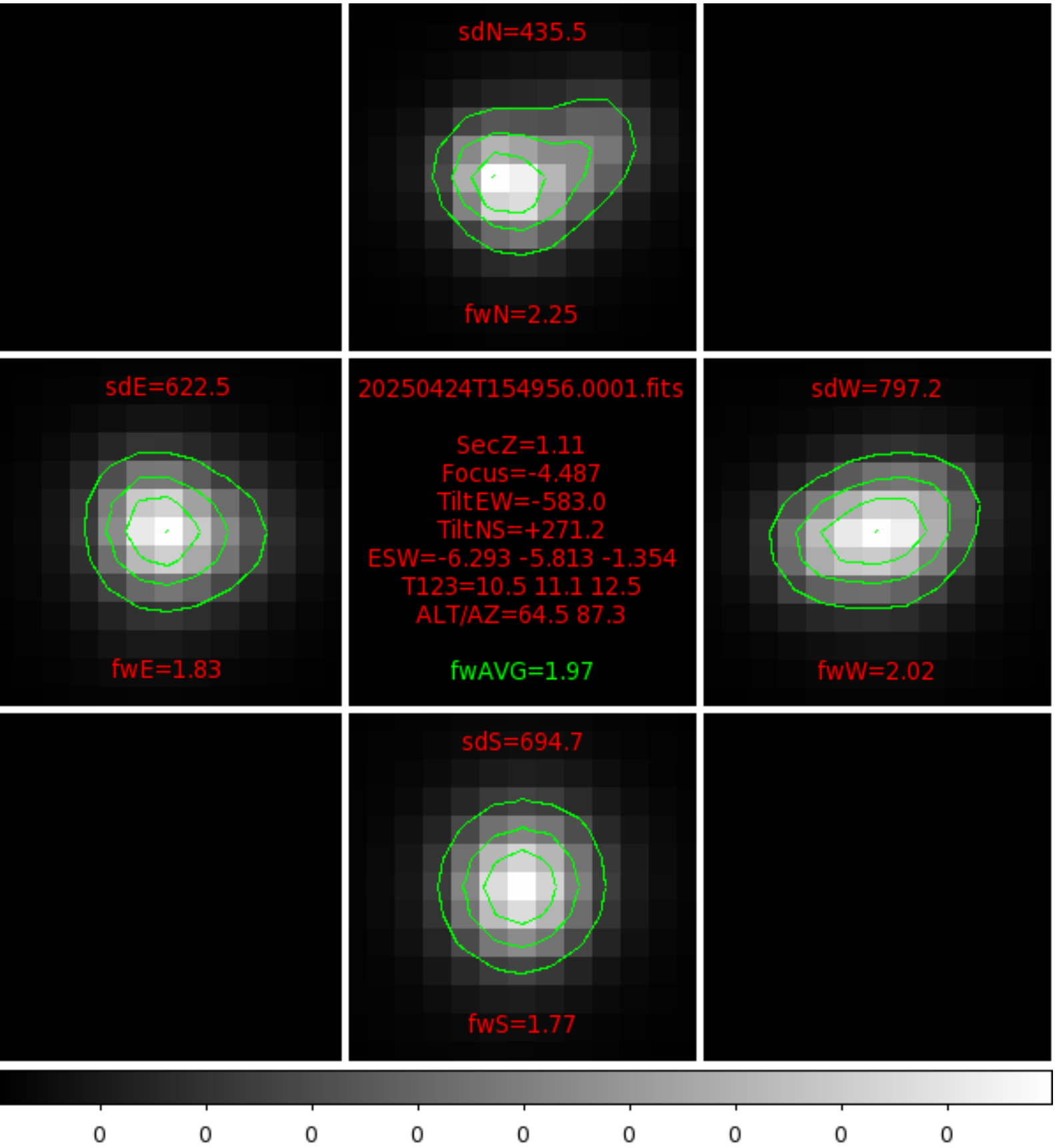
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SecZ=1.11
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=64.5 87.3
fwAVG=1.97
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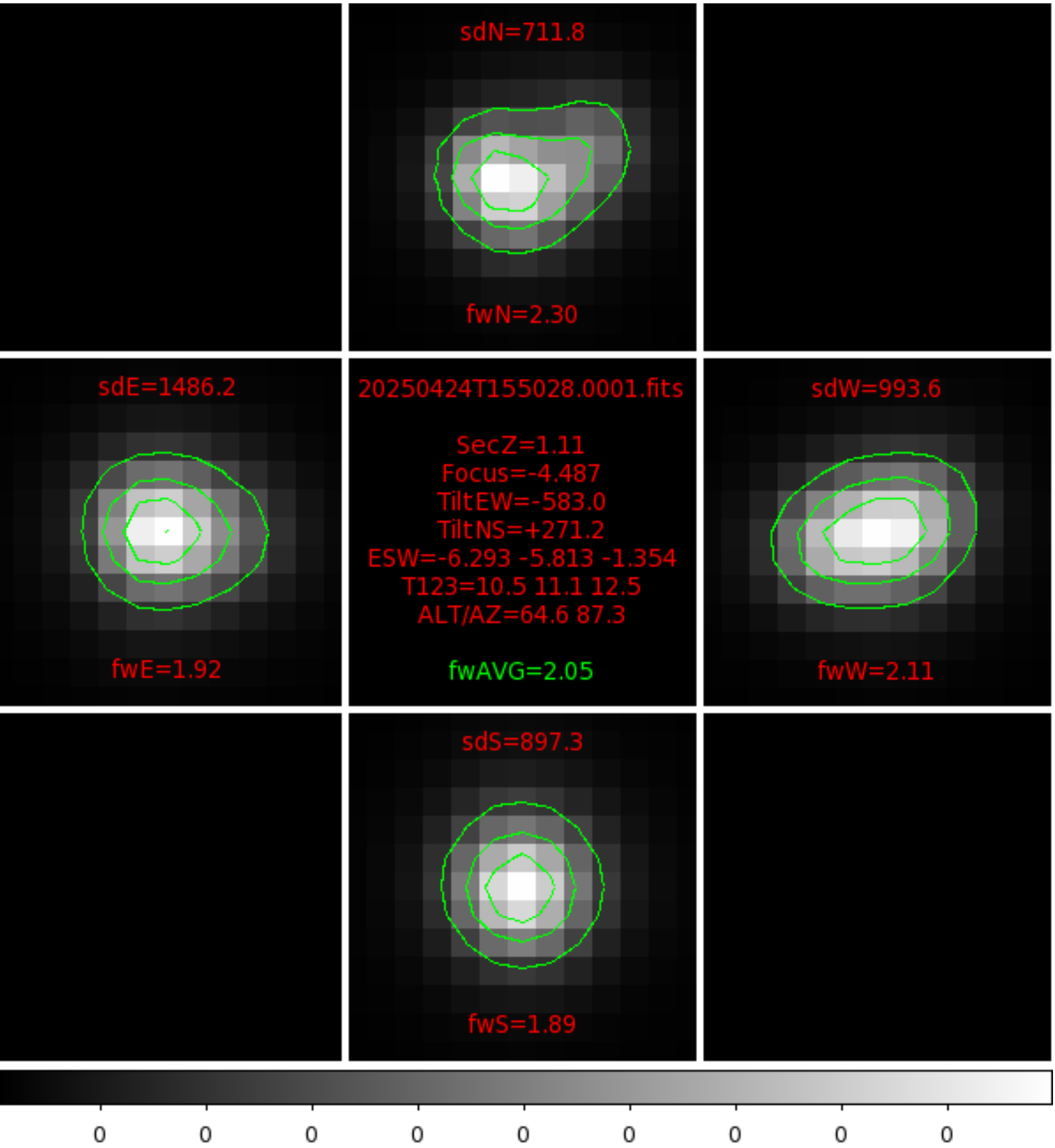
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sdE=1486.2
fwE=1.92
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SecZ=1.11
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=64.6 87.3
fwAVG=2.05
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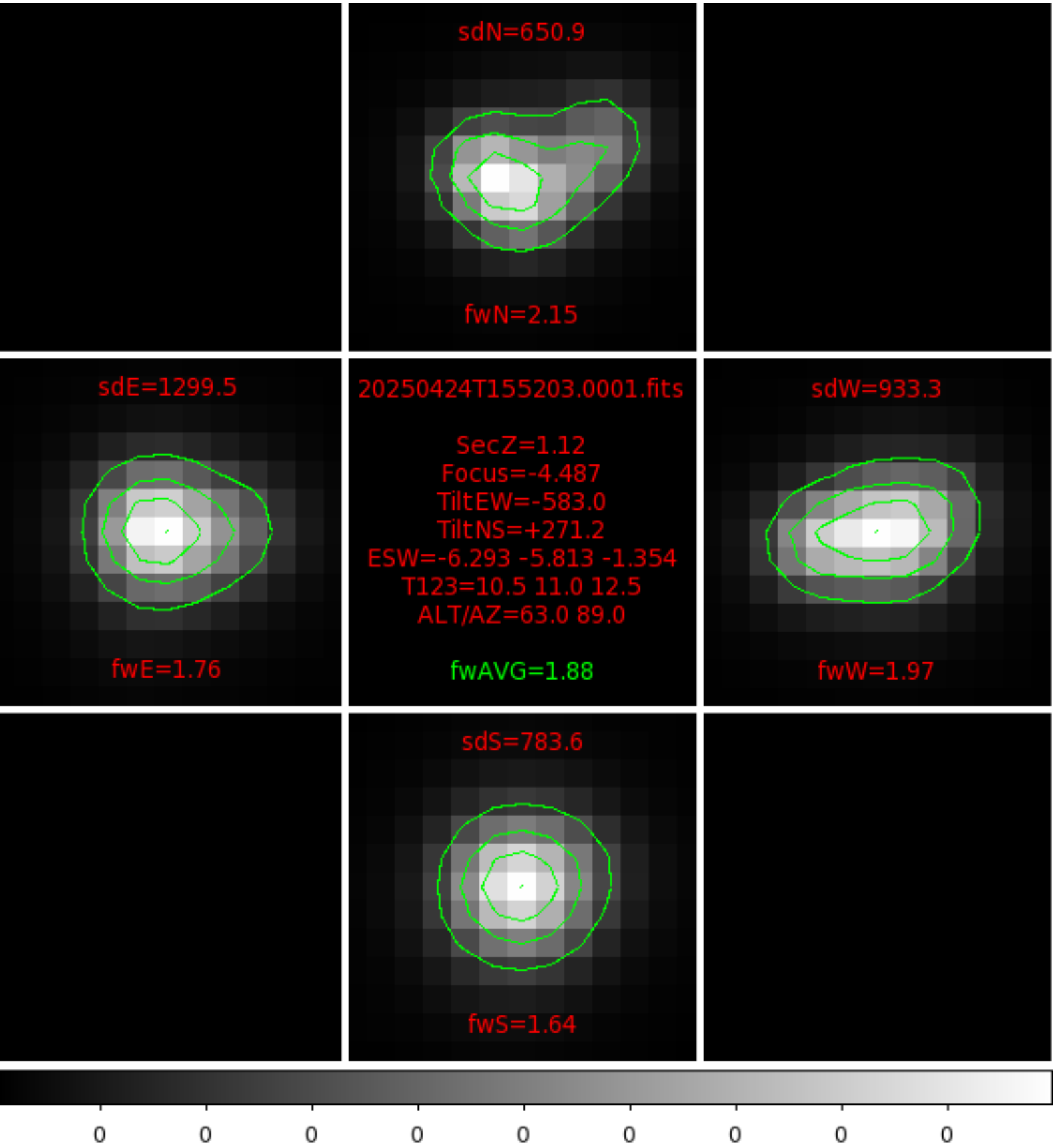
sdN=650.9
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20250424T155203.0001.fits
SecZ=1.12
Focus=-4.487
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.0 12.5
ALT/AZ=63.0 89.0
fwAVG=1.88
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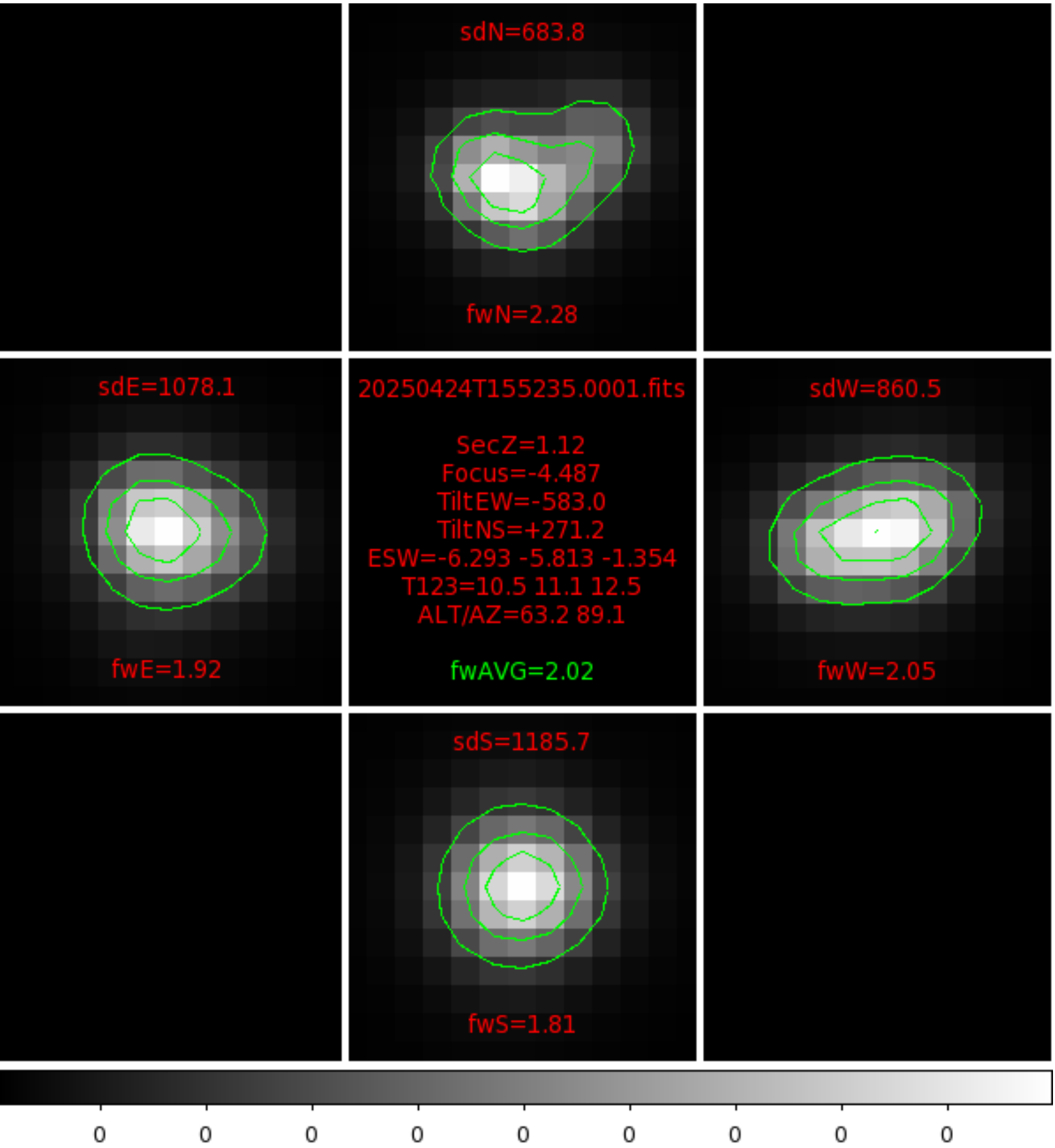
sdN=683.8
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fwE=1.92
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SecZ=1.12
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=63.2 89.1
fwAVG=2.02
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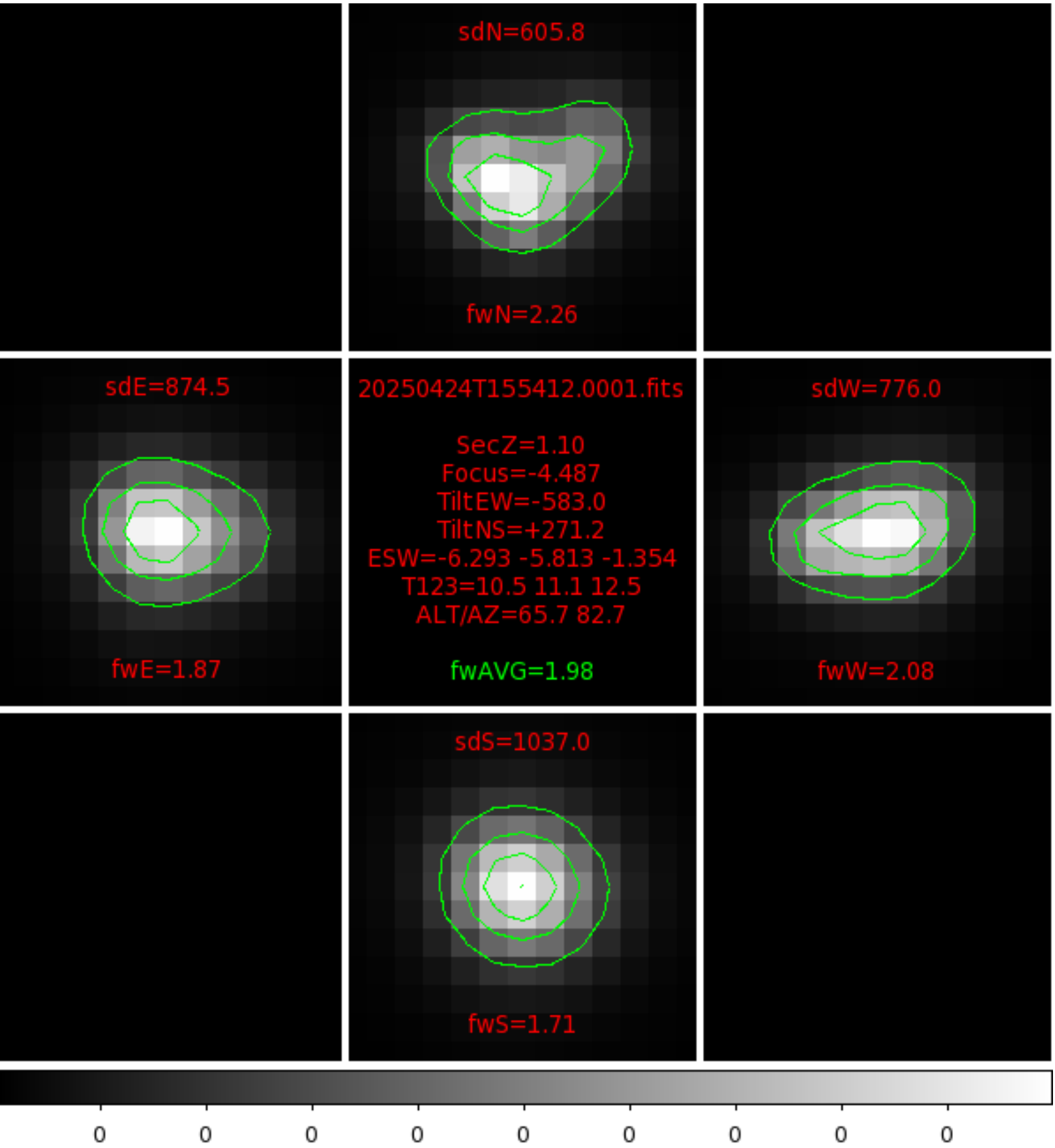
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=65.7 82.7
fwAVG=1.98
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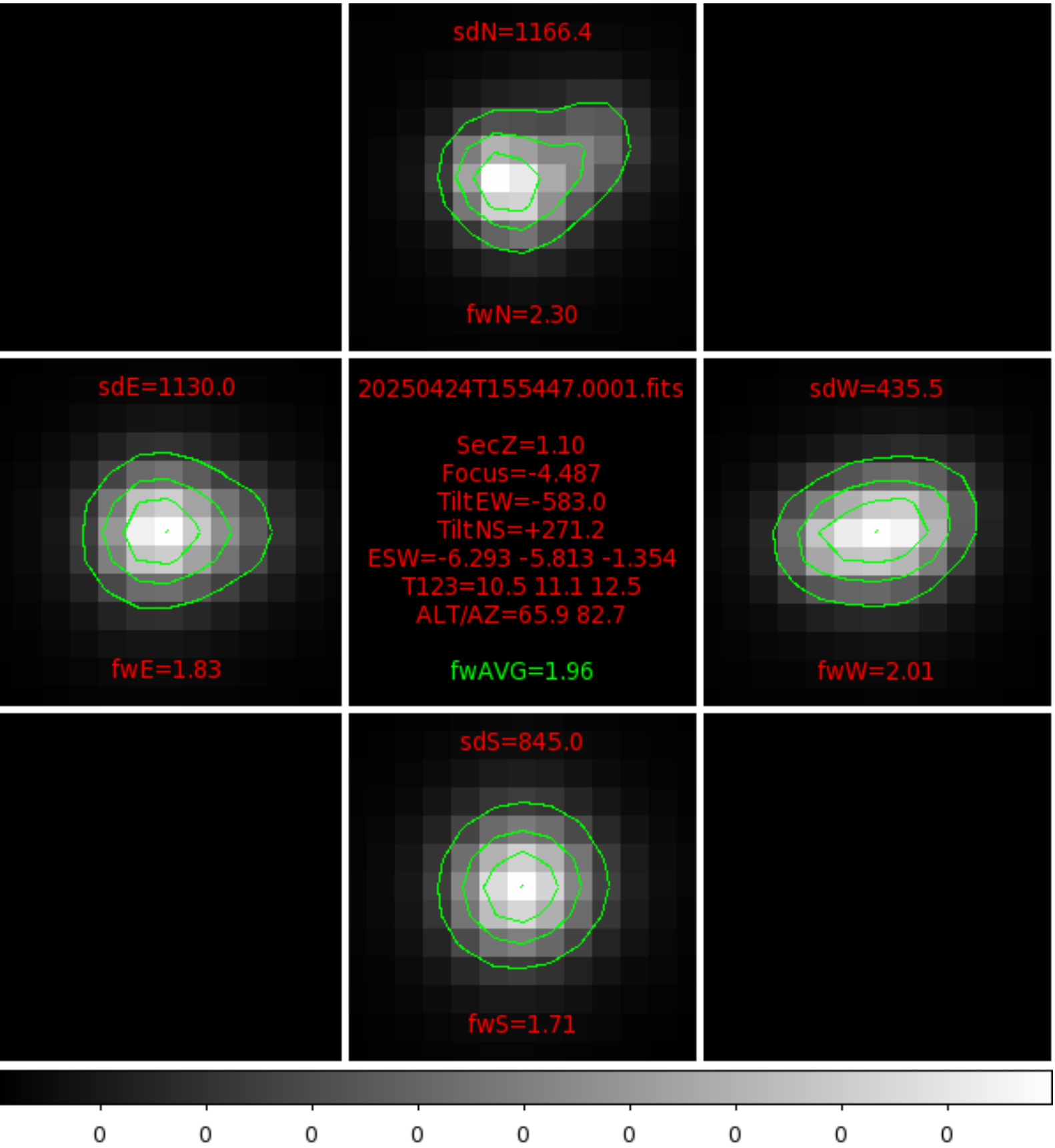
sdN=1166.4
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sdE=1130.0
fwE=1.83
20250424T155447.0001.fits
SecZ=1.10
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=65.9 82.7
fwAVG=1.96
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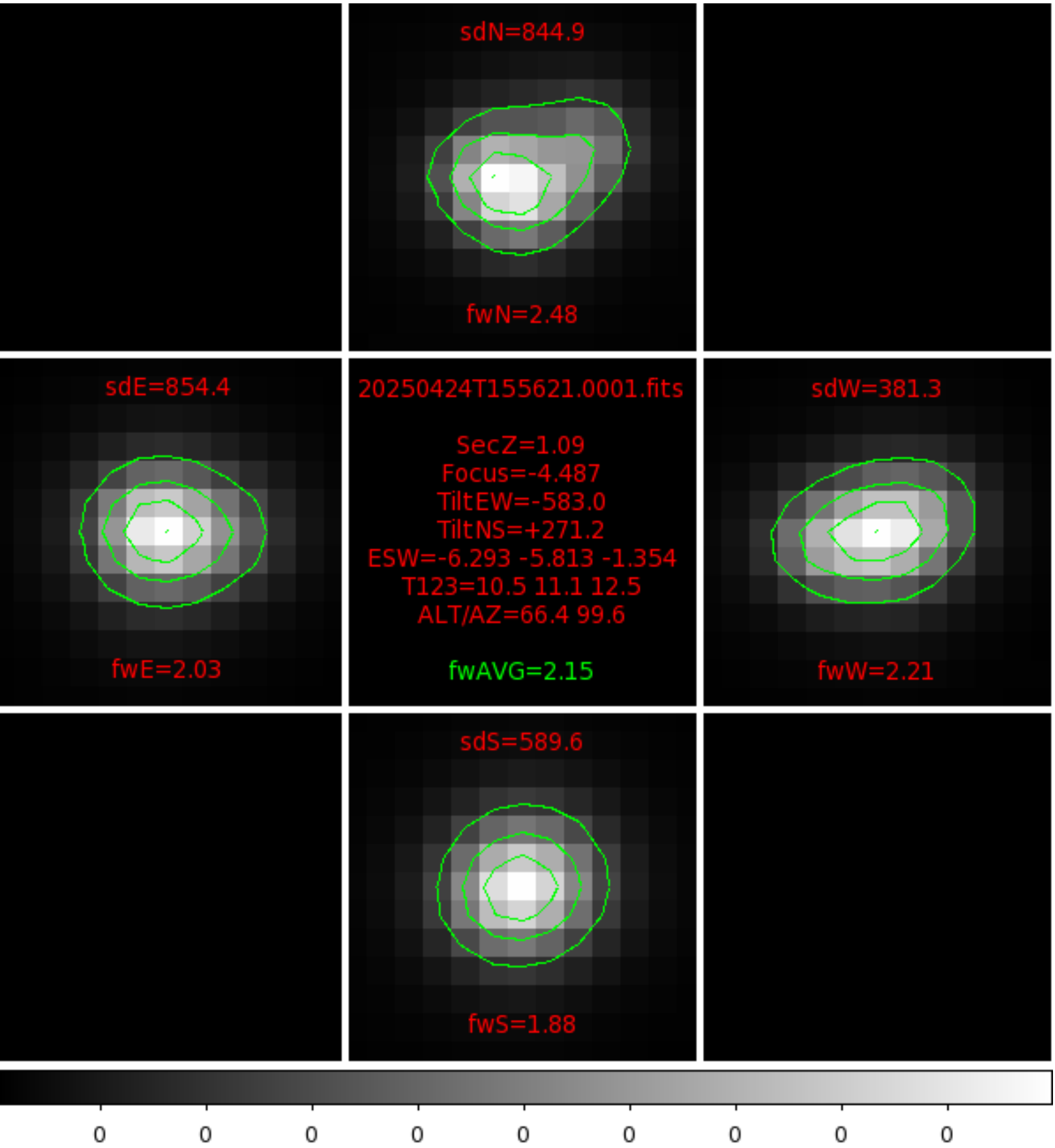
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SecZ=1.09
Focus=-4.487
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=66.4 99.6
fwAVG=2.15
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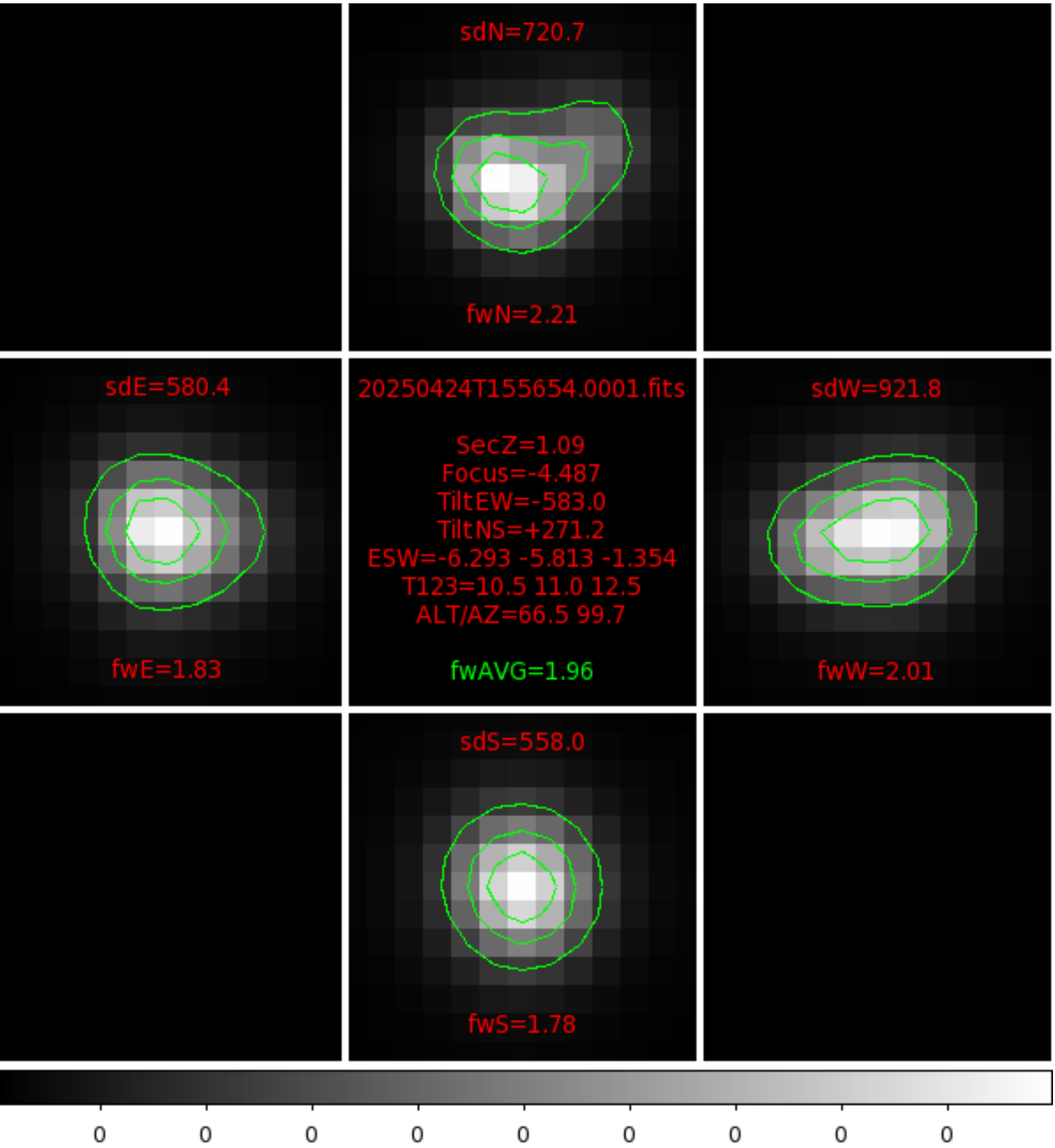
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sdE=580.4
fwE=1.83
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SecZ=1.09
Focus=-4.487
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.0 12.5
ALT/AZ=66.5 99.7
fwAVG=1.96
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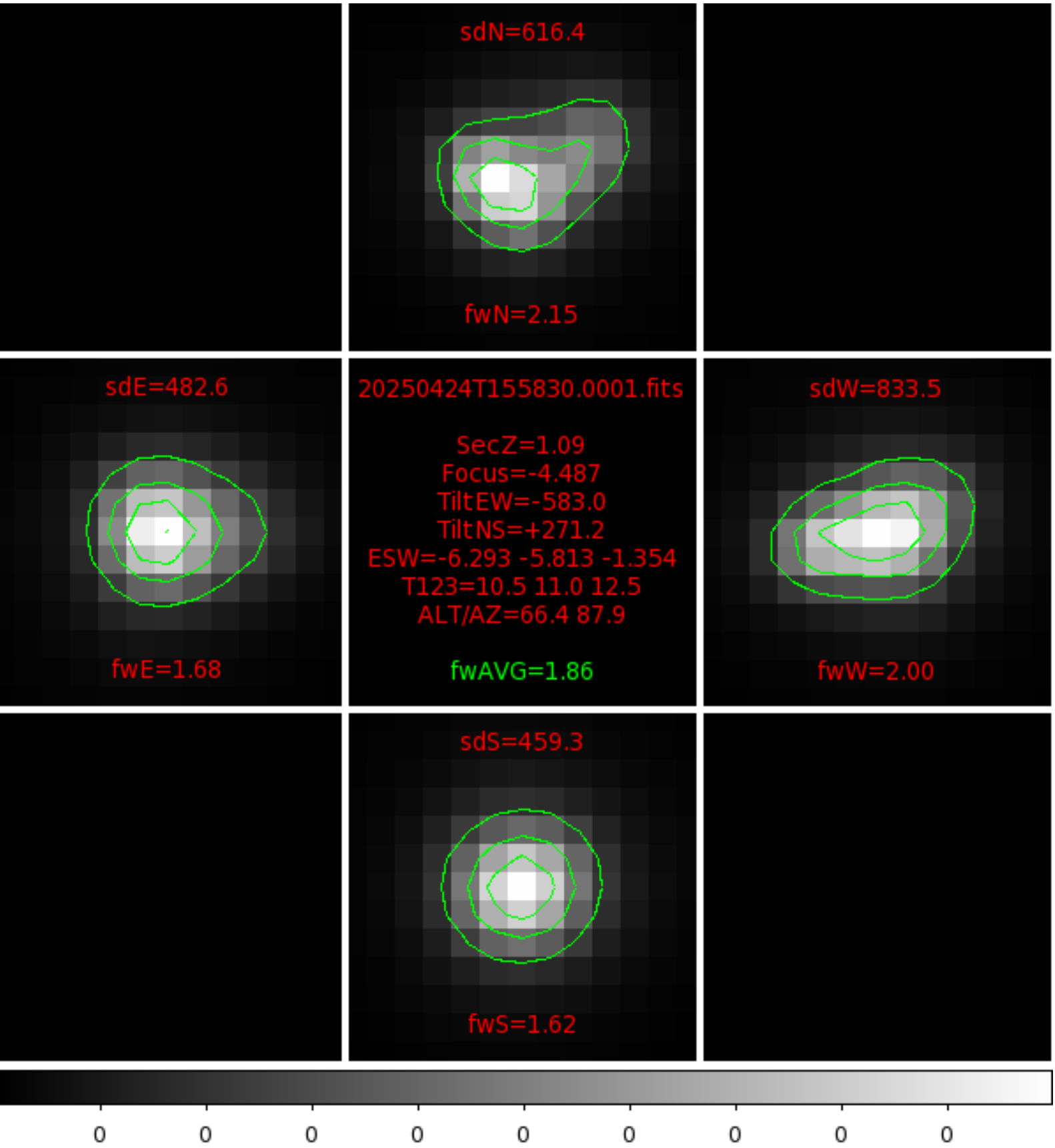
sdN=616.4
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SecZ=1.09
Focus=-4.487
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.0 12.5
ALT/AZ=66.4 87.9
fwAVG=1.86
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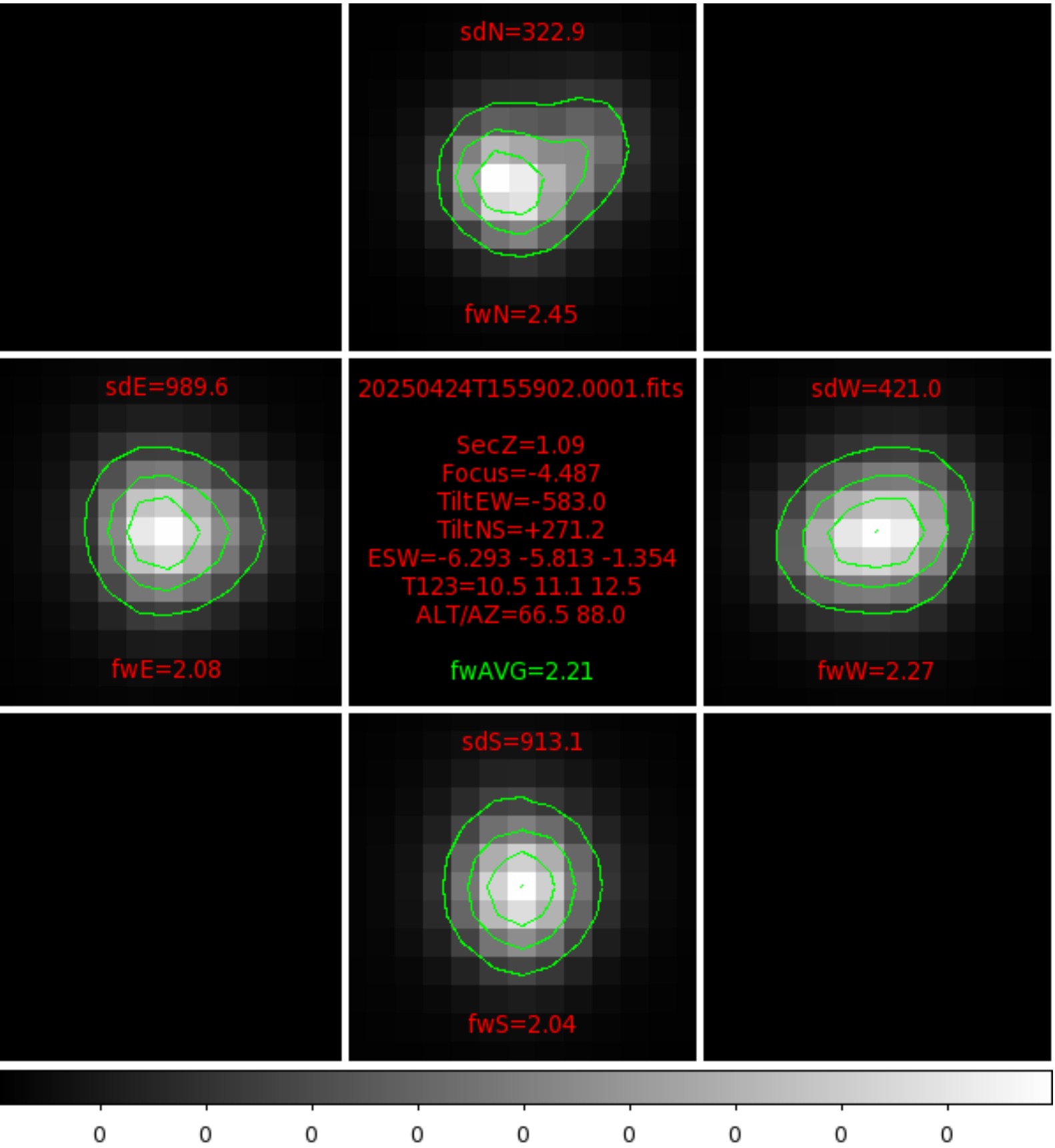
sdN=322.9
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SecZ=1.09
Focus=-4.487
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=66.5 88.0
fwAVG=2.21
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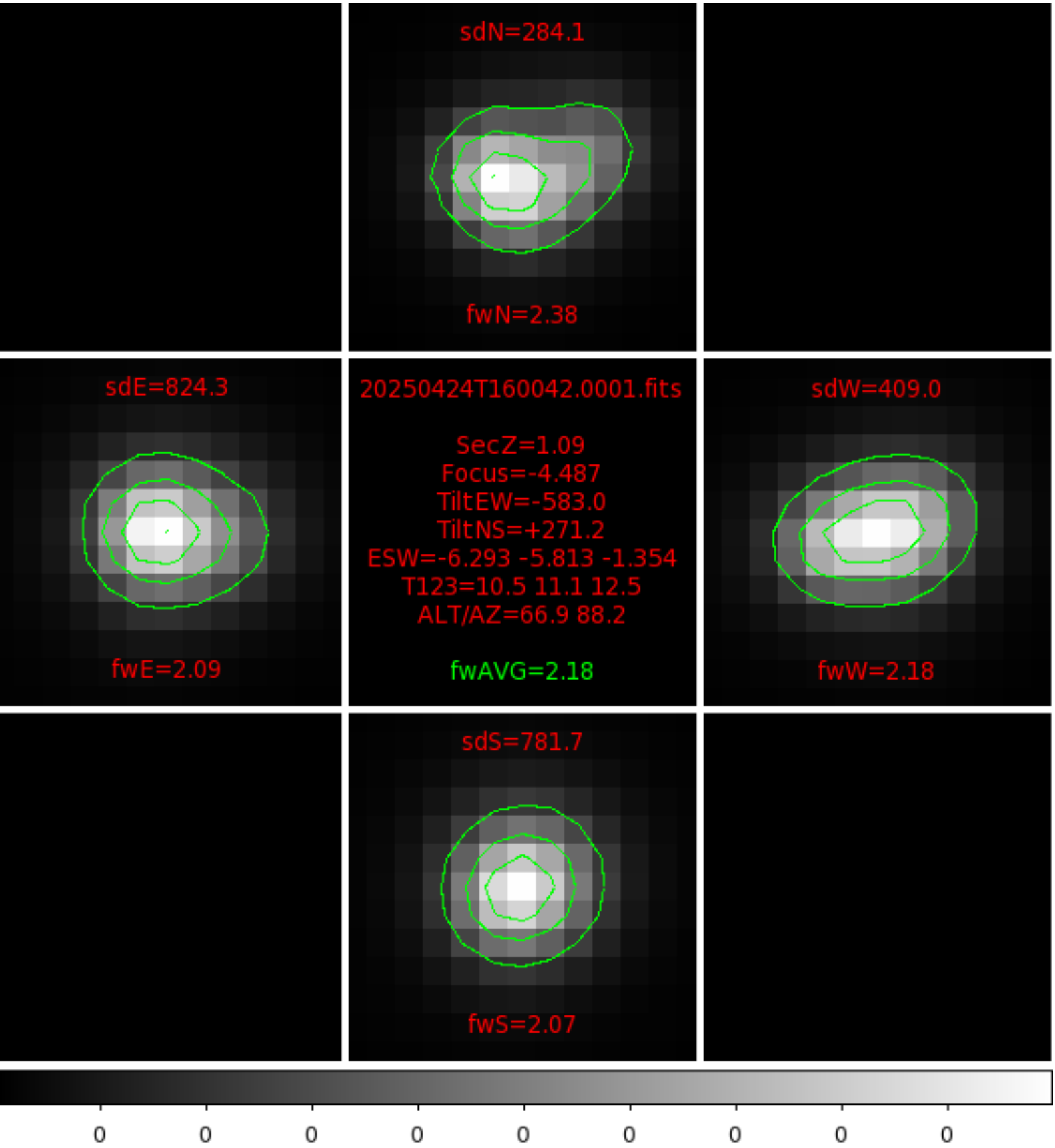
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sdE=824.3
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SecZ=1.09
Focus=-4.487
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.1 12.5
ALT/AZ=66.9 88.2
fwAVG=2.18
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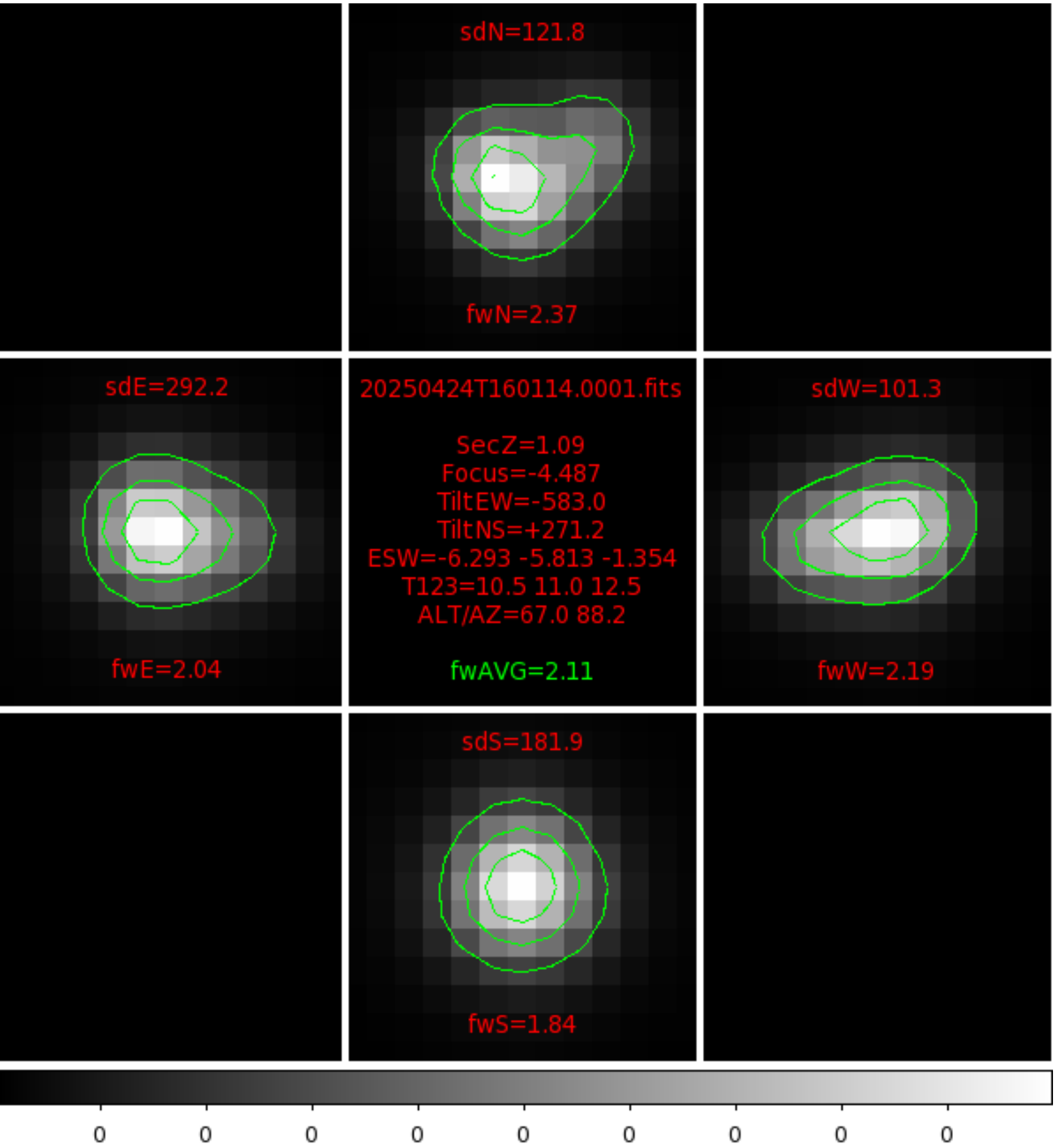
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SecZ=1.09
Focus=-4.487
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.5 11.0 12.5
ALT/AZ=67.0 88.2
fwAVG=2.11
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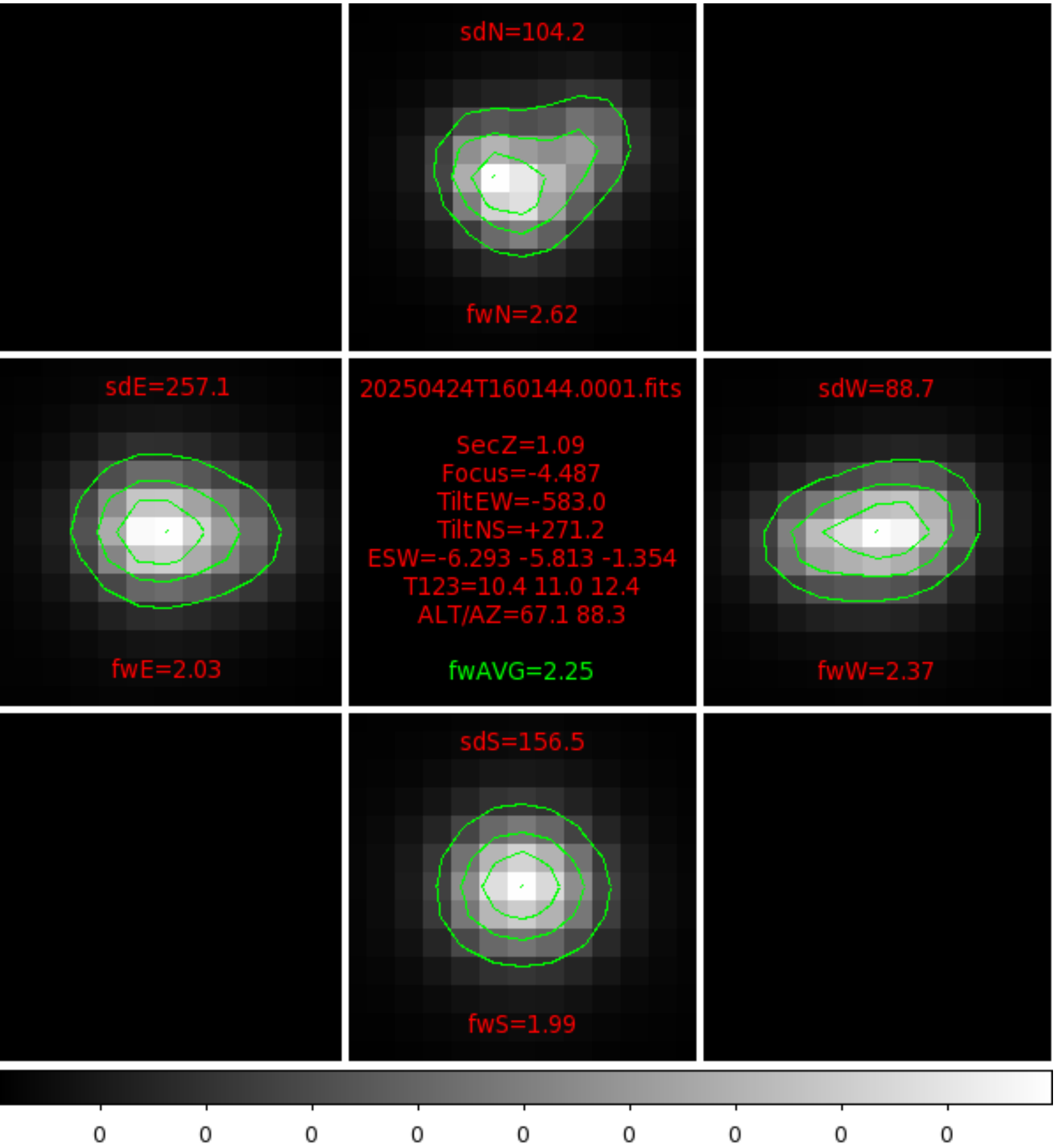
sdN=104.2
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SecZ=1.09
Focus=-4.487
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.4 11.0 12.4
ALT/AZ=67.1 88.3
fwAVG=2.25
sdW=88.7
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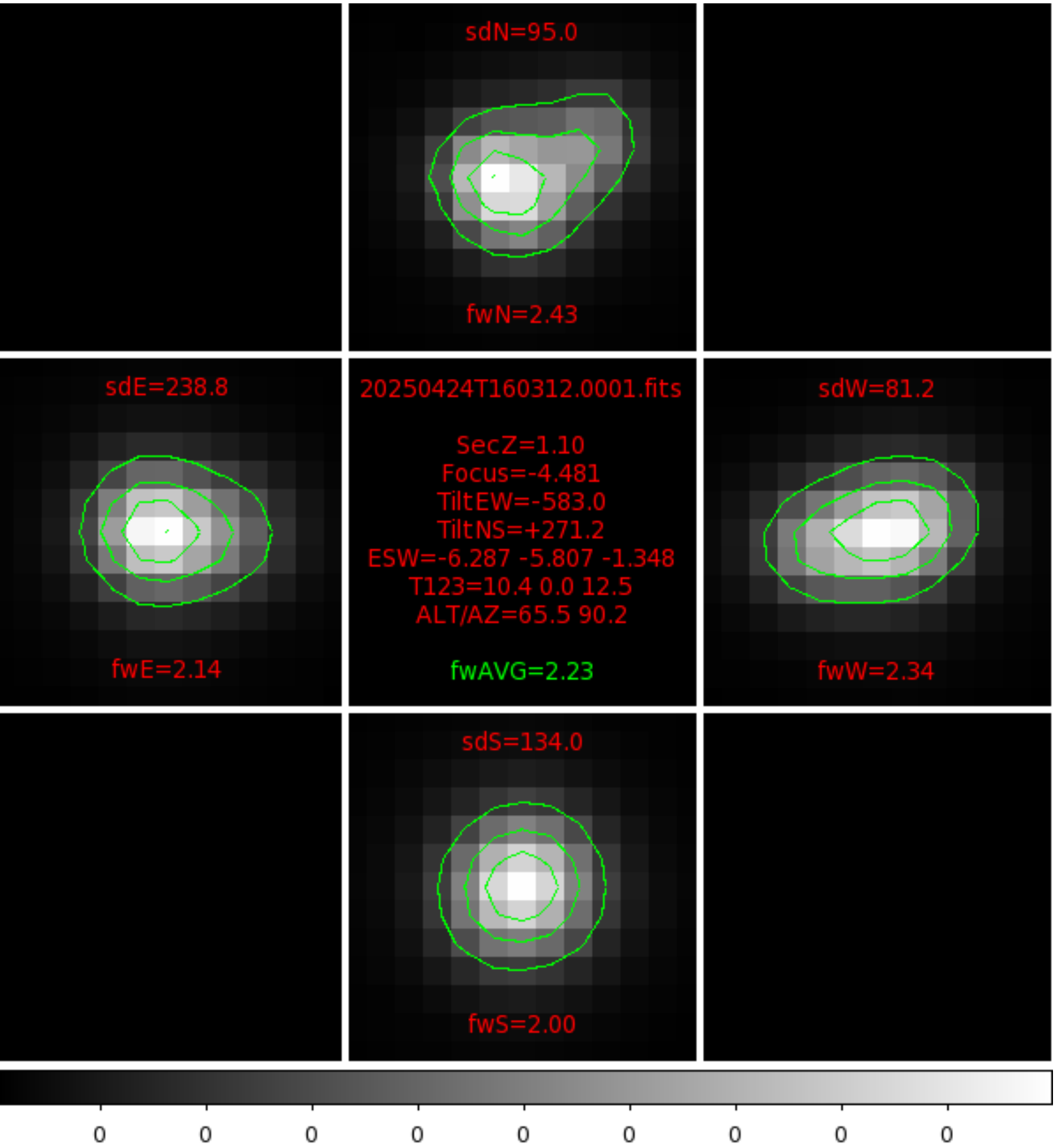
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sdE=238.8
fwE=2.14
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SecZ=1.10
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 0.0 12.5
ALT/AZ=65.5 90.2
fwAVG=2.23
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sdS=134.0
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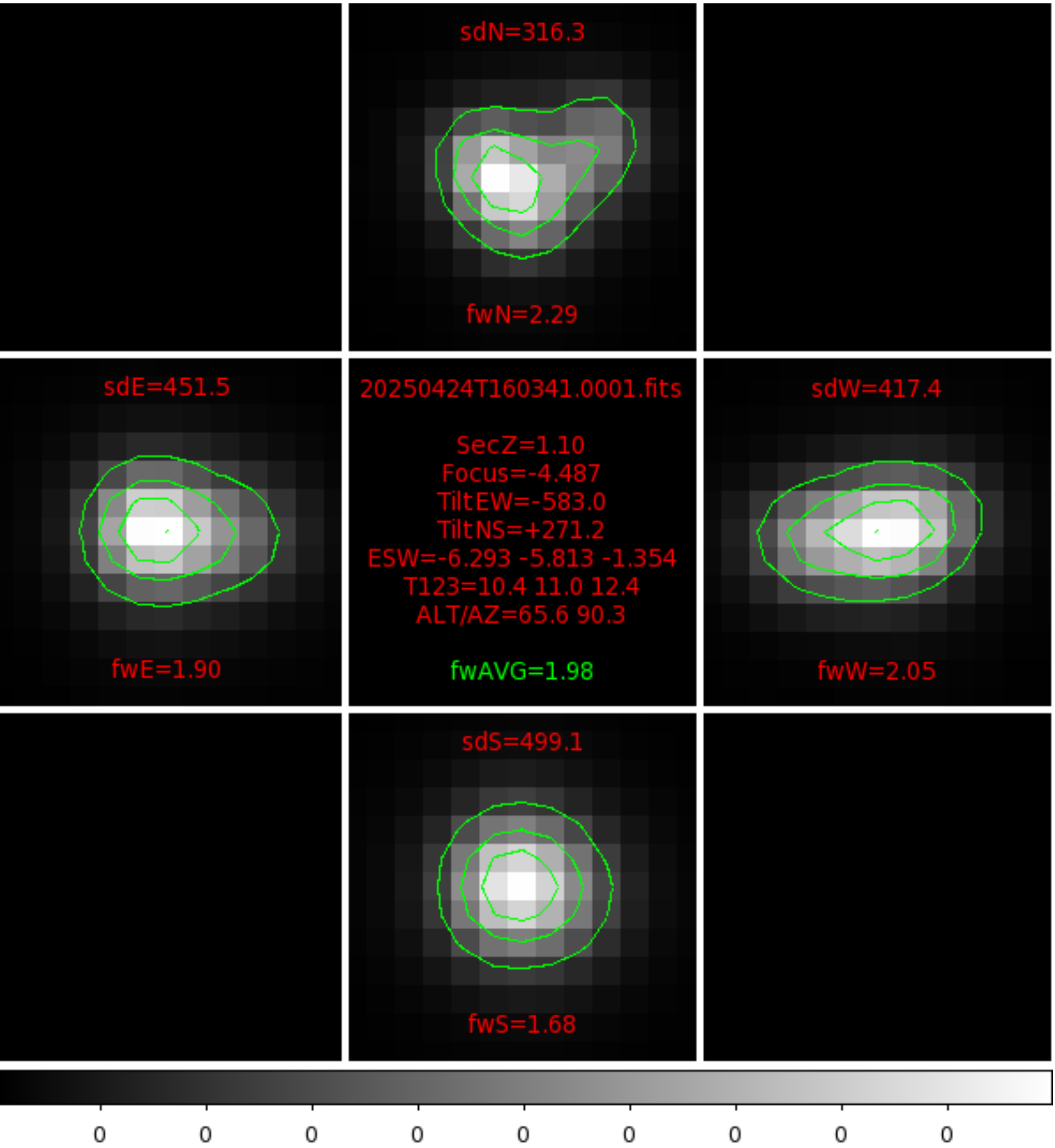
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sdE=451.5
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SecZ=1.10
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TiltNS=+271.2
ESW=-6.293 -5.813 -1.354
T123=10.4 11.0 12.4
ALT/AZ=65.6 90.3
fwAVG=1.98
sdW=417.4
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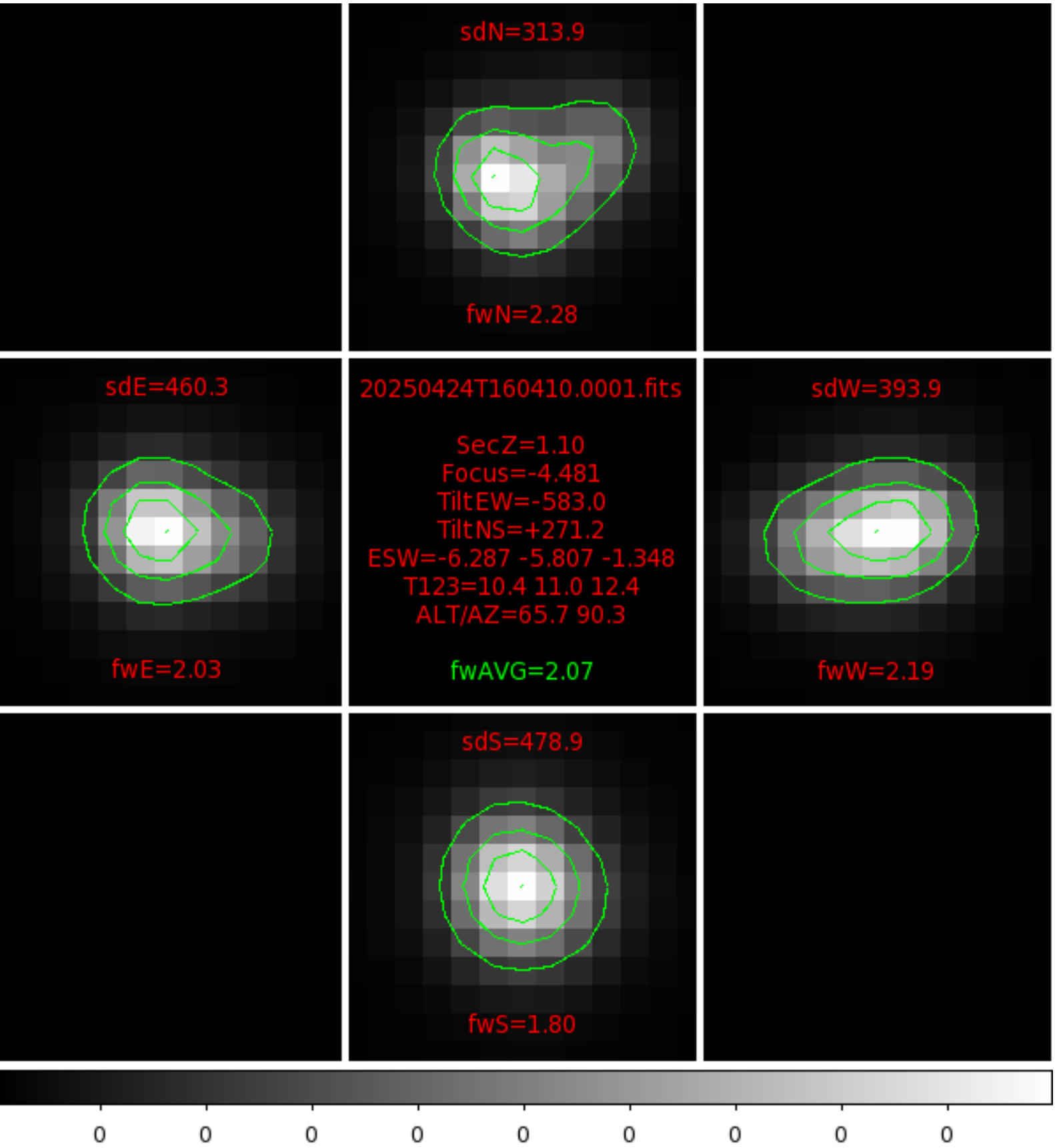
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sdE=460.3
fwE=2.03
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SecZ=1.10
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
ALT/AZ=65.7 90.3
fwAVG=2.07
sdW=393.9
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sdS=478.9
fwS=1.80
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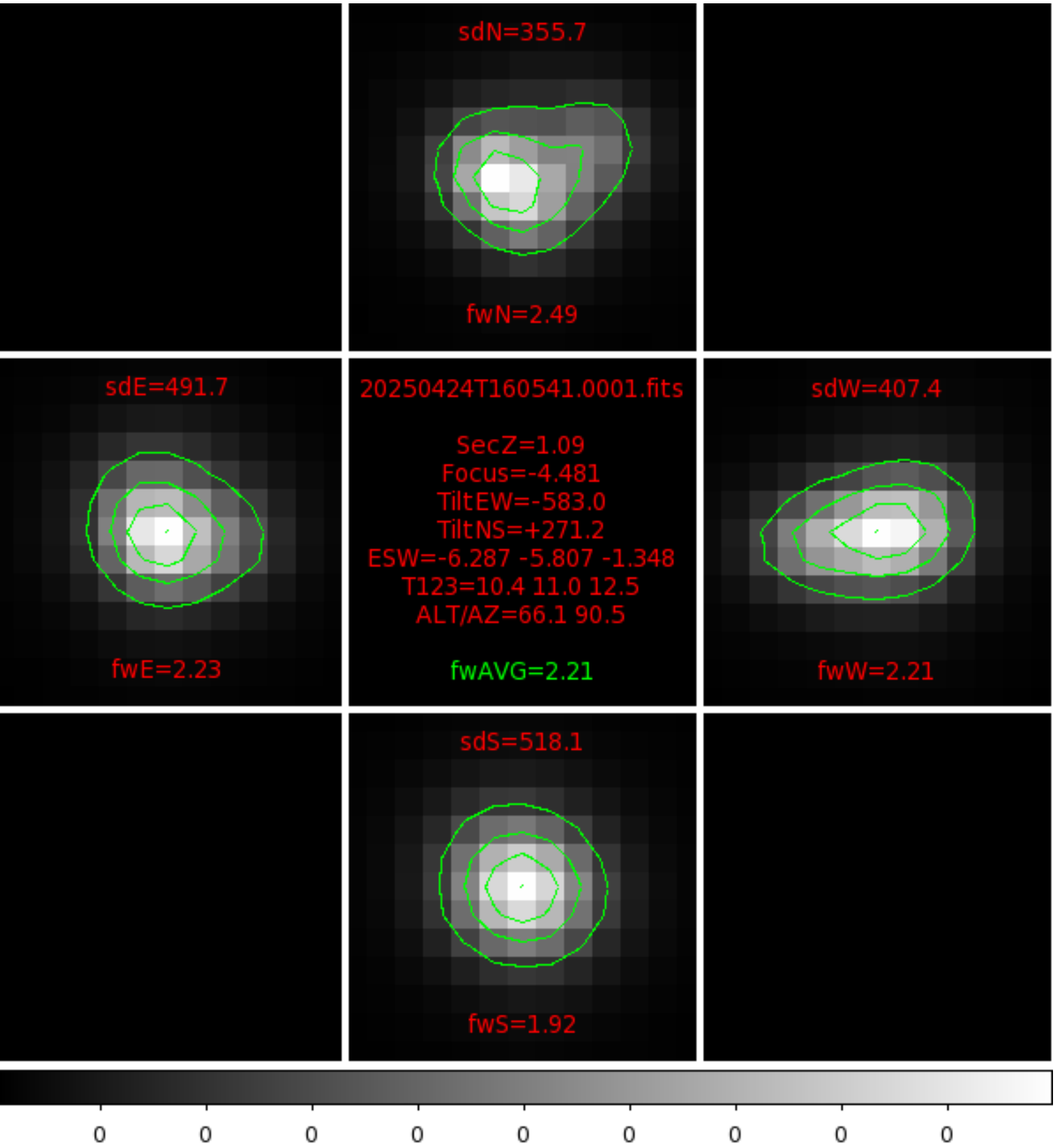
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sdE=491.7
fwE=2.23
20250424T160541.0001.fits
SecZ=1.09
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.5
ALT/AZ=66.1 90.5
fwAVG=2.21
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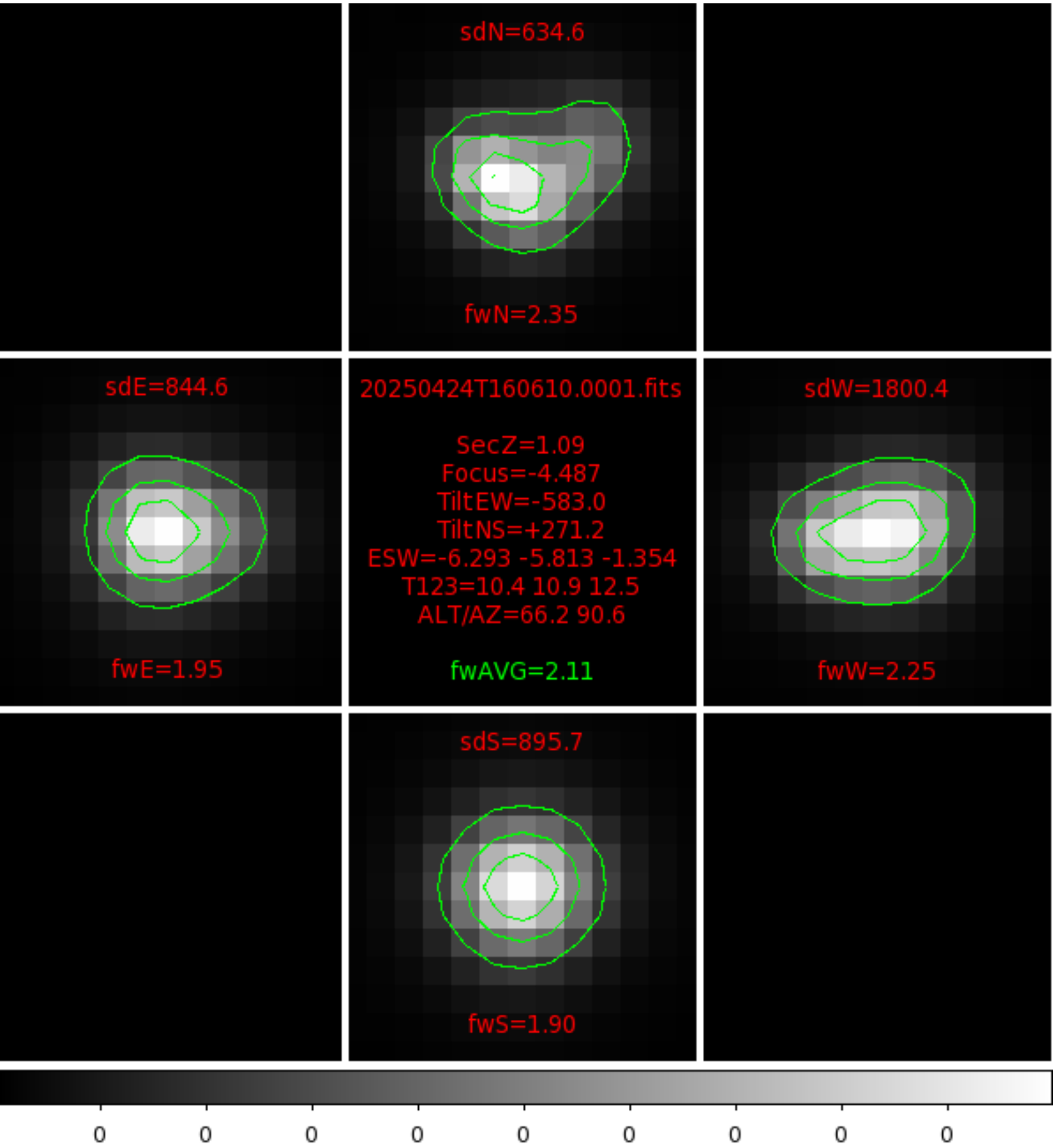
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TiltEW=-583.0
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ESW=-6.293 -5.813 -1.354
T123=10.4 10.9 12.5
ALT/AZ=66.2 90.6
fwAVG=2.11
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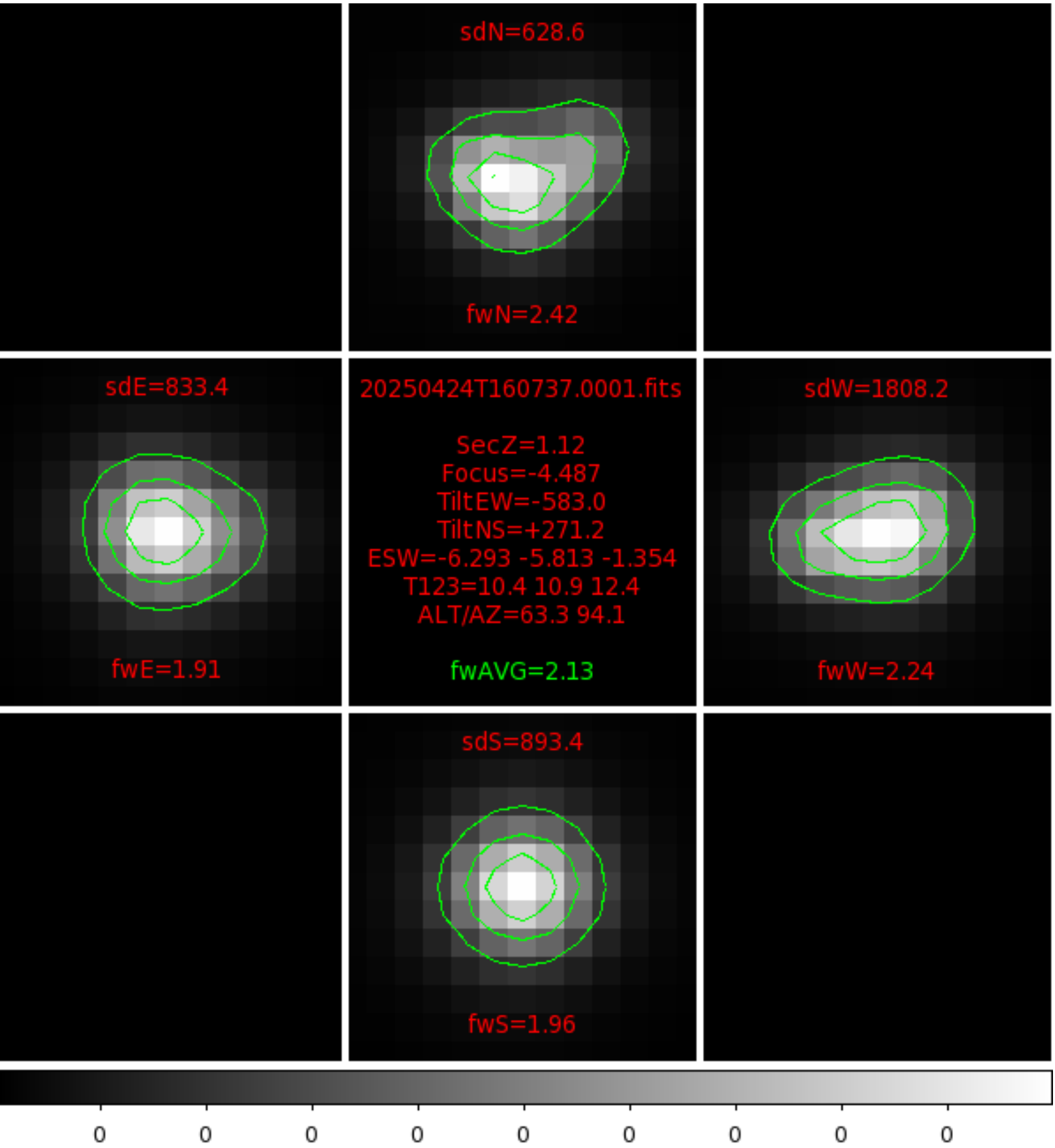
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TiltEW=-583.0
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ESW=-6.293 -5.813 -1.354
T123=10.4 10.9 12.4
ALT/AZ=63.3 94.1
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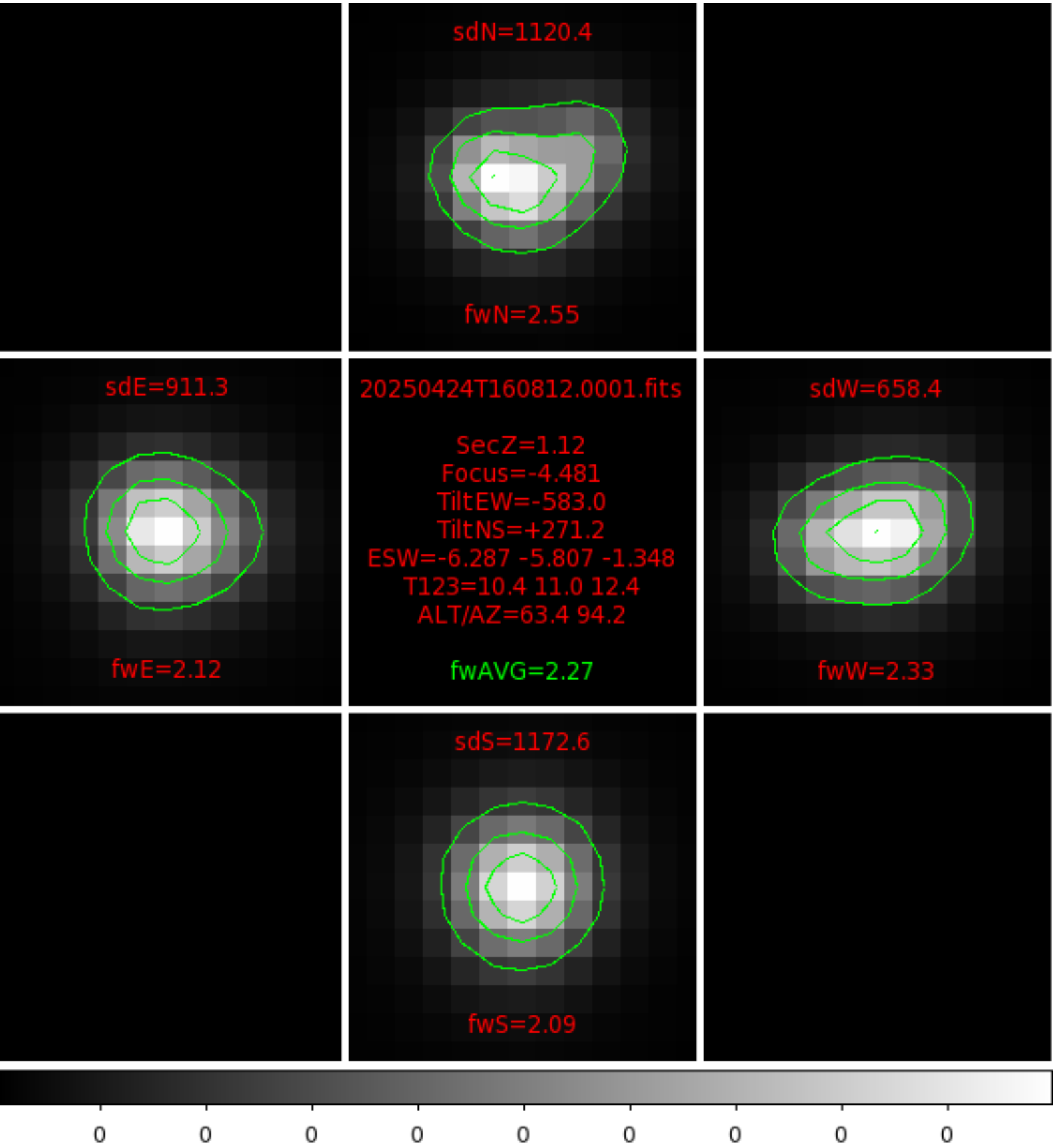
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SecZ=1.12
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
ALT/AZ=63.4 94.2
fwAVG=2.27
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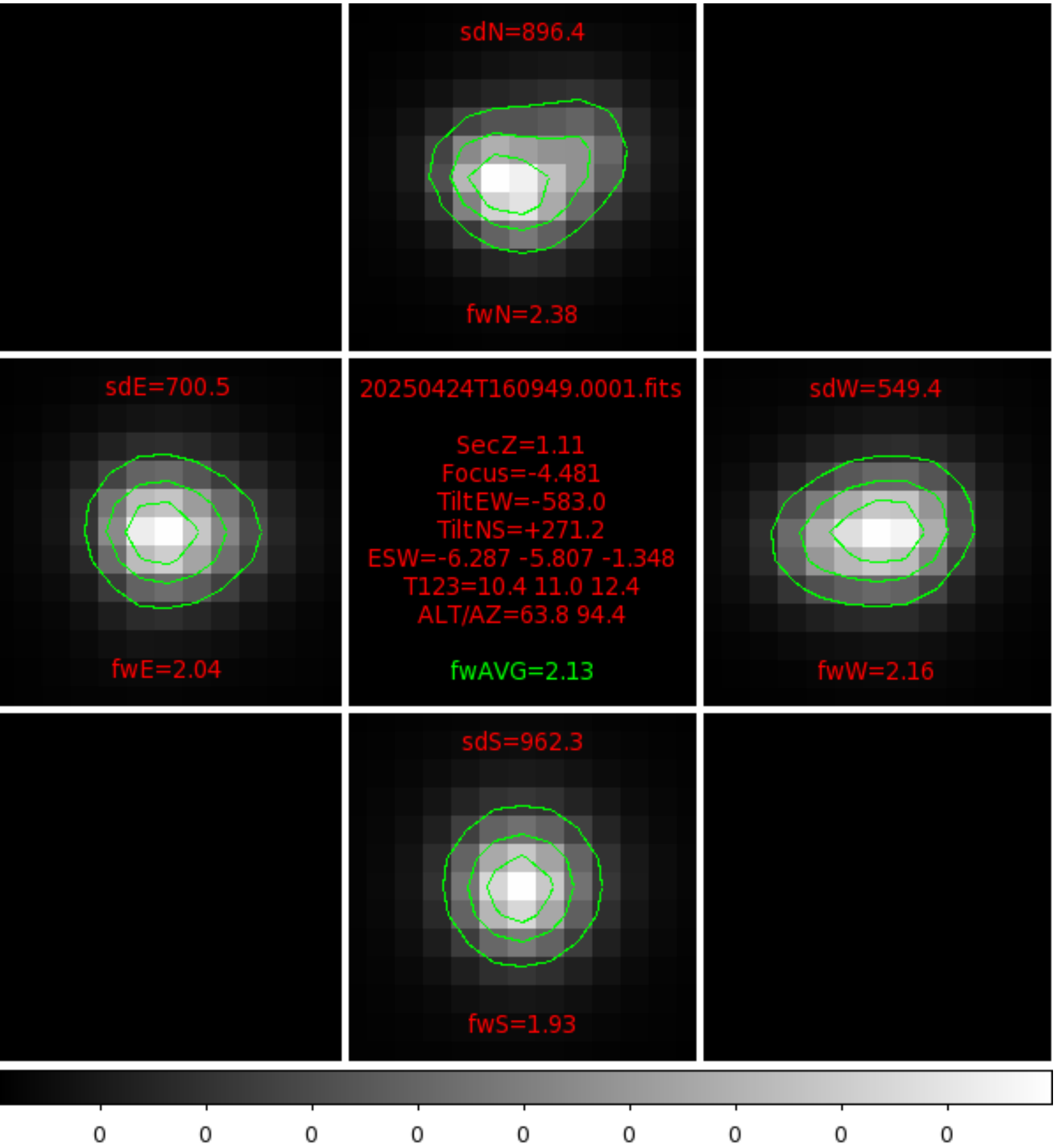
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Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
ALT/AZ=63.8 94.4
fwAVG=2.13
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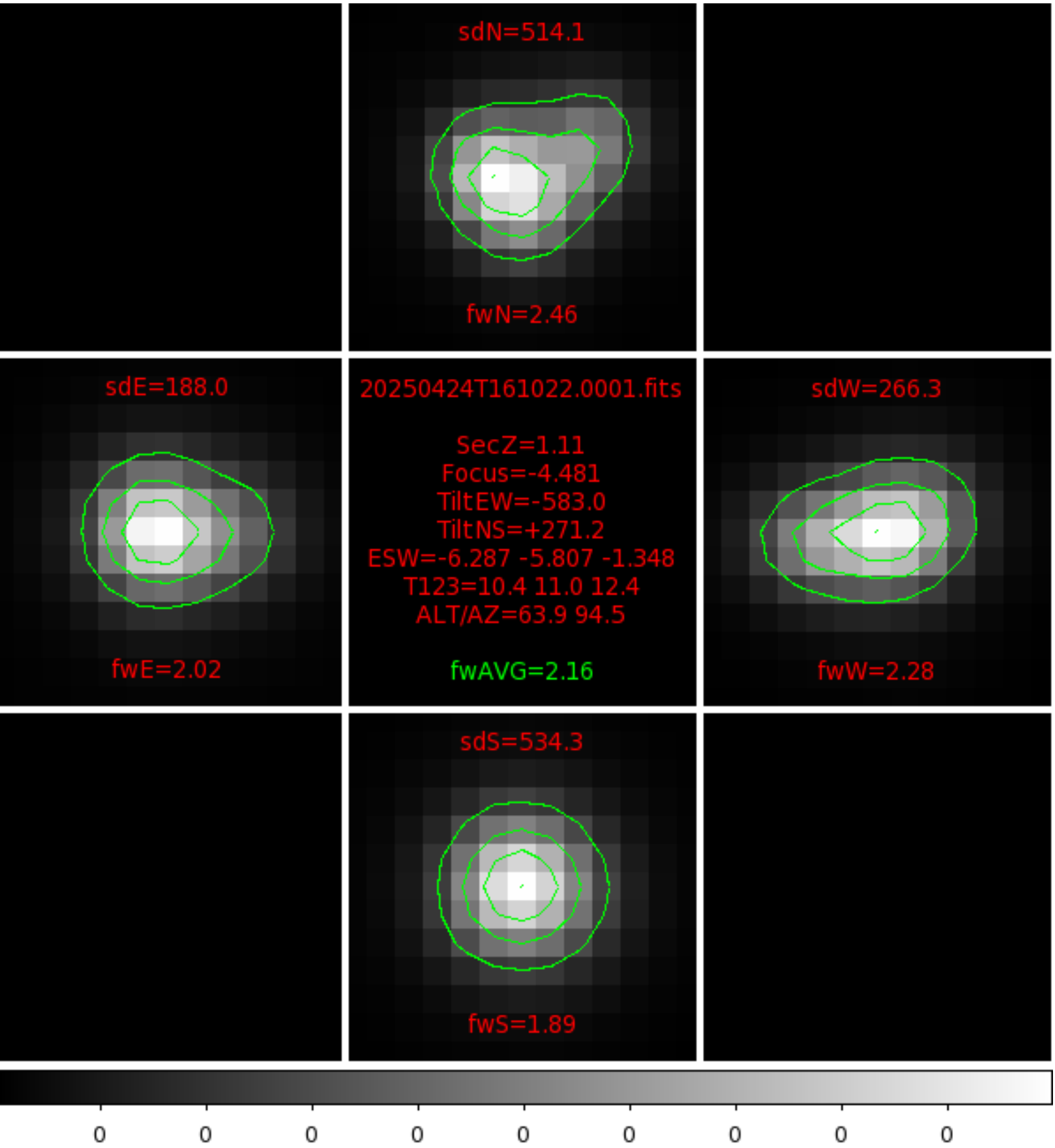
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SecZ=1.11
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
ALT/AZ=63.9 94.5
fwAVG=2.16
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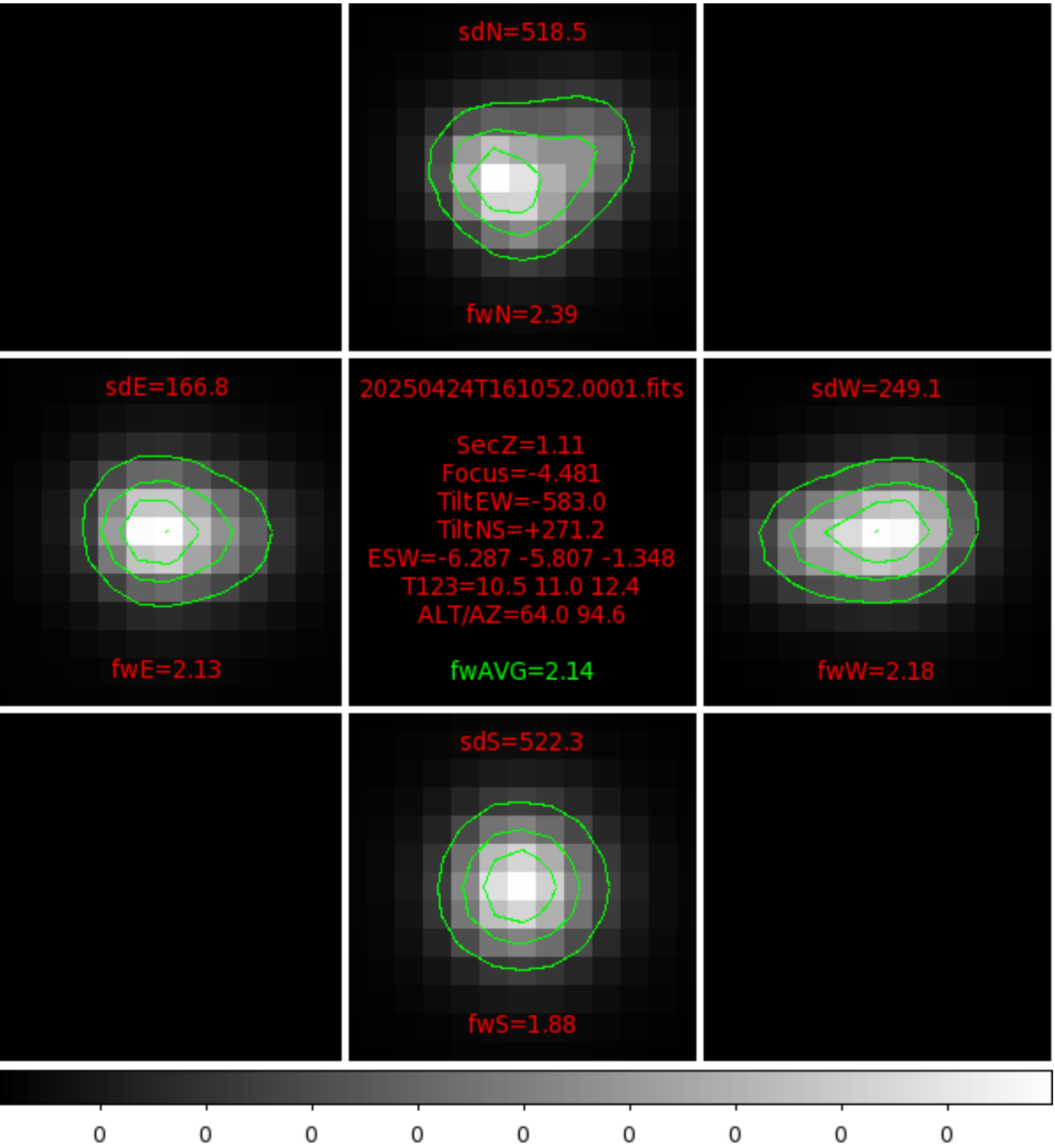
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SecZ=1.11
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.5 11.0 12.4
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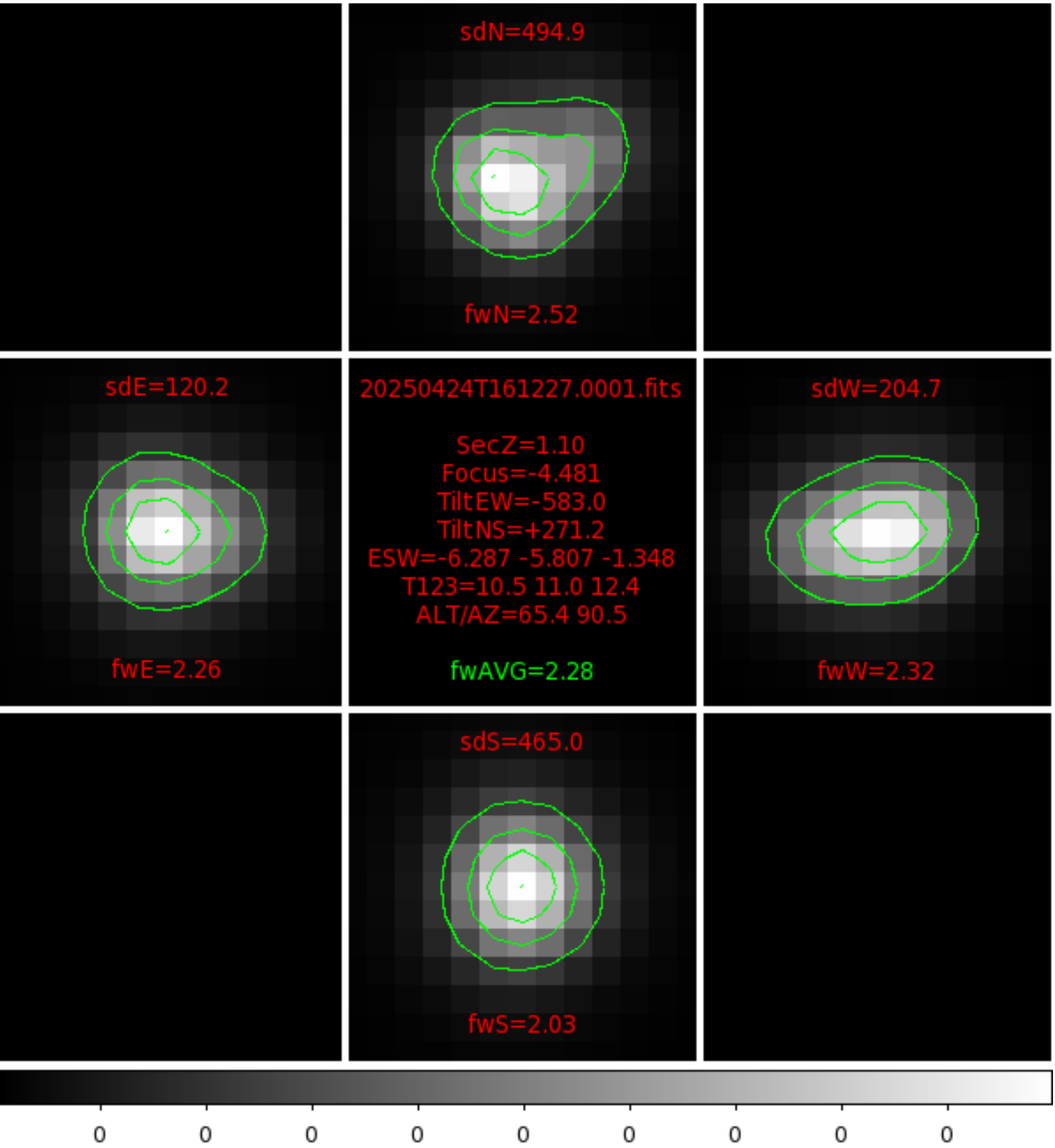
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SecZ=1.10
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.5 11.0 12.4
ALT/AZ=65.4 90.5
fwAVG=2.28
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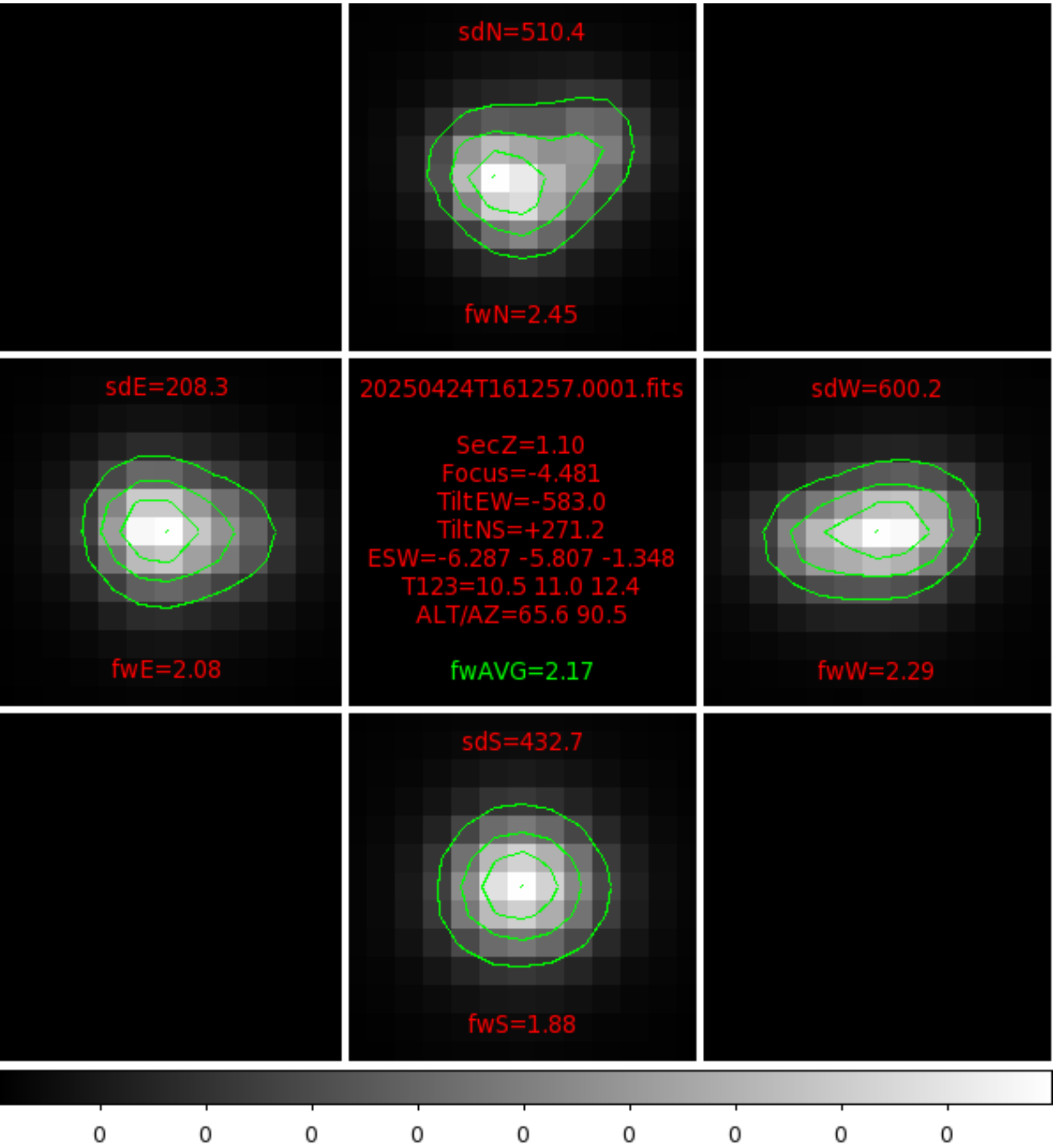
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SecZ=1.10
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.5 11.0 12.4
ALT/AZ=65.6 90.5
fwAVG=2.17
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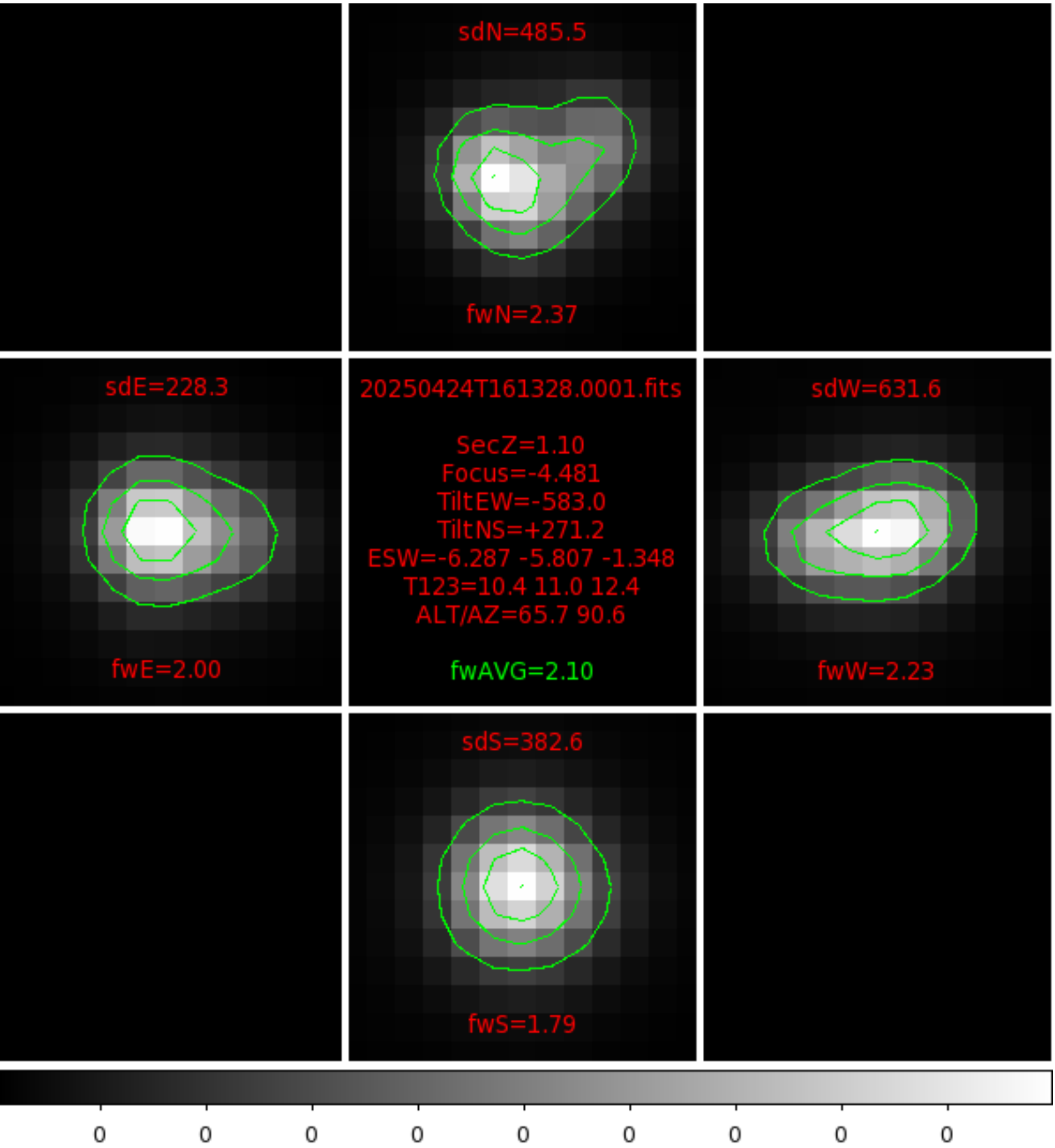
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SecZ=1.10
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
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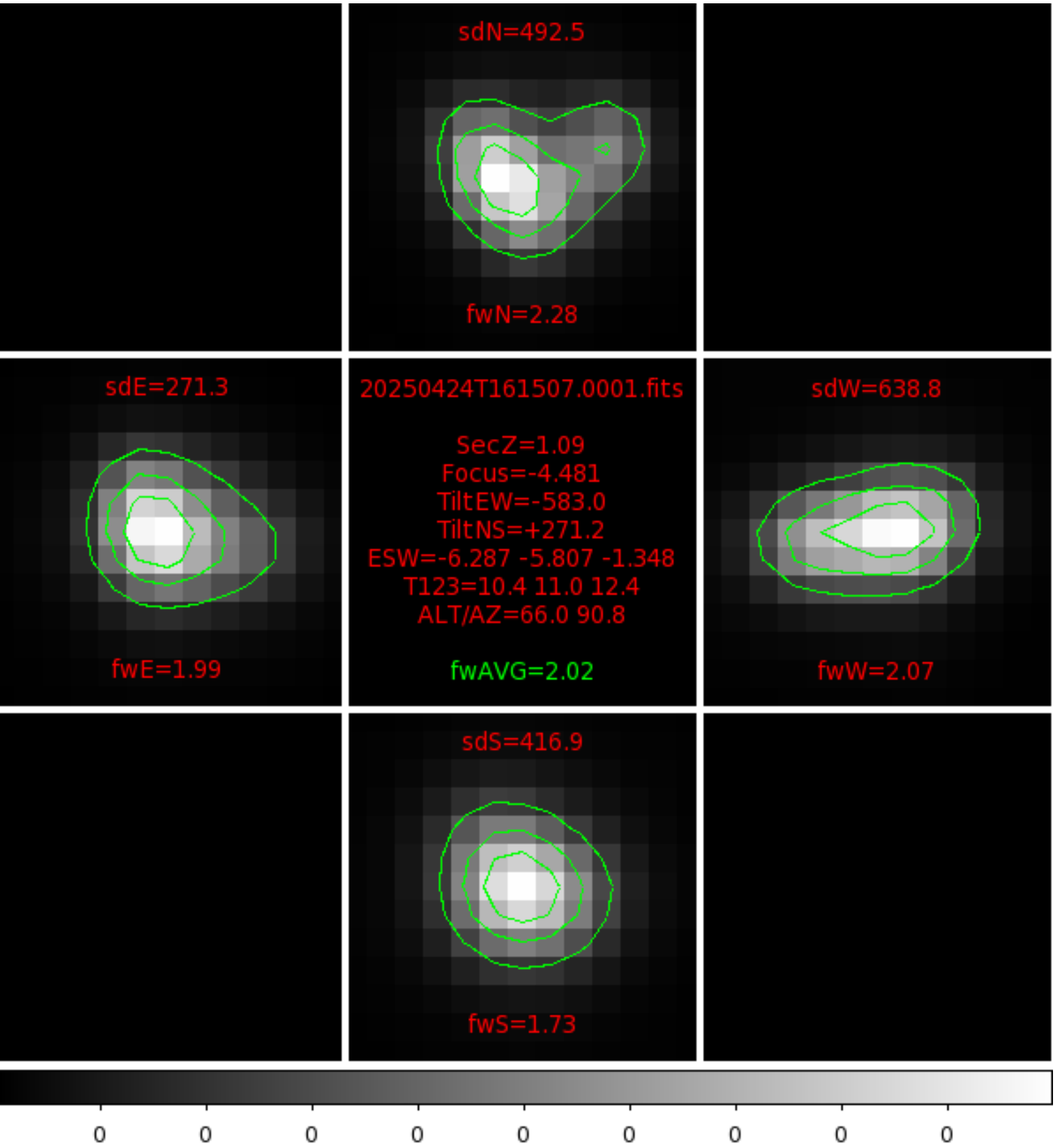
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TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
ALT/AZ=66.0 90.8
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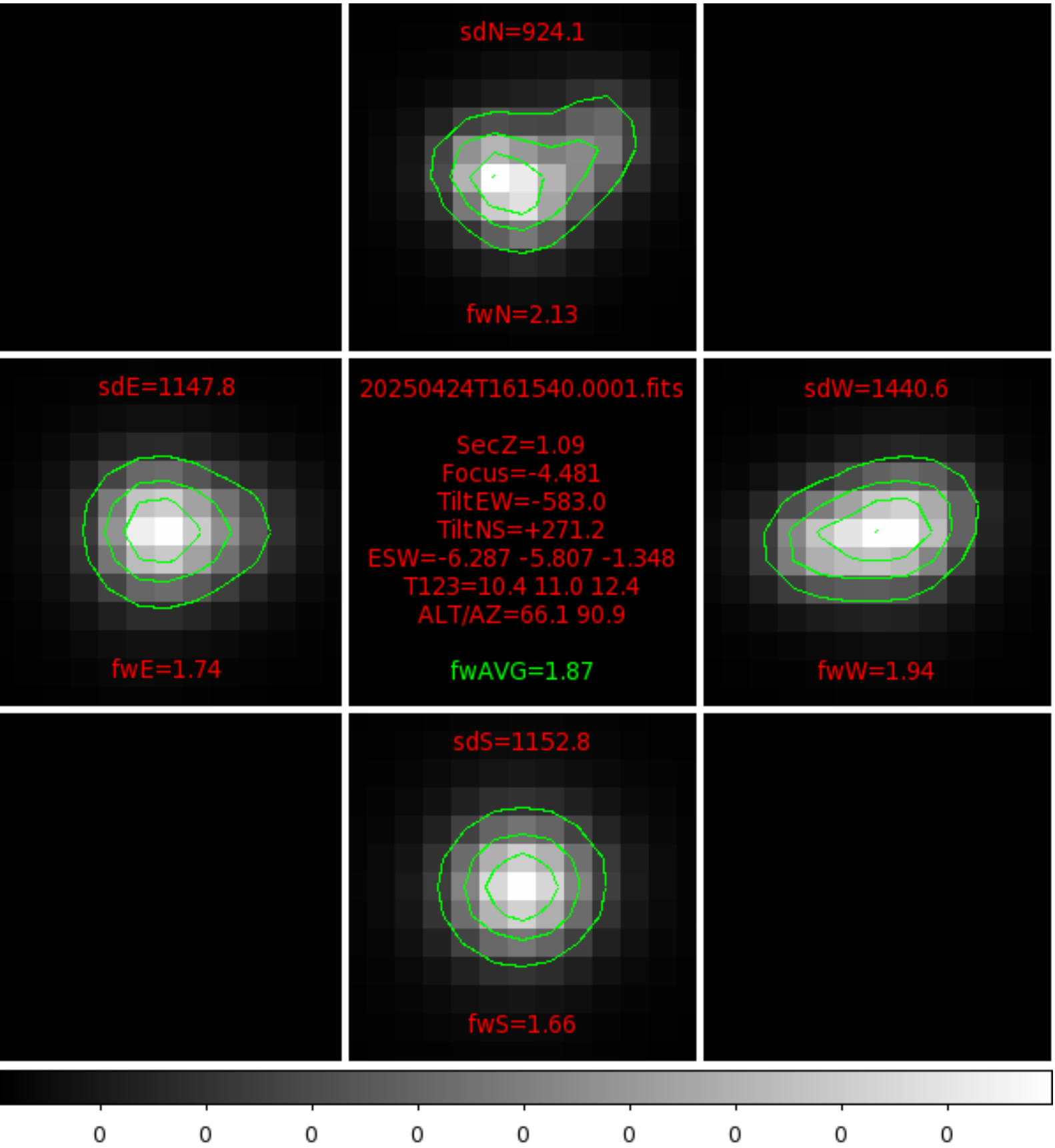
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SecZ=1.09
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
ALT/AZ=66.1 90.9
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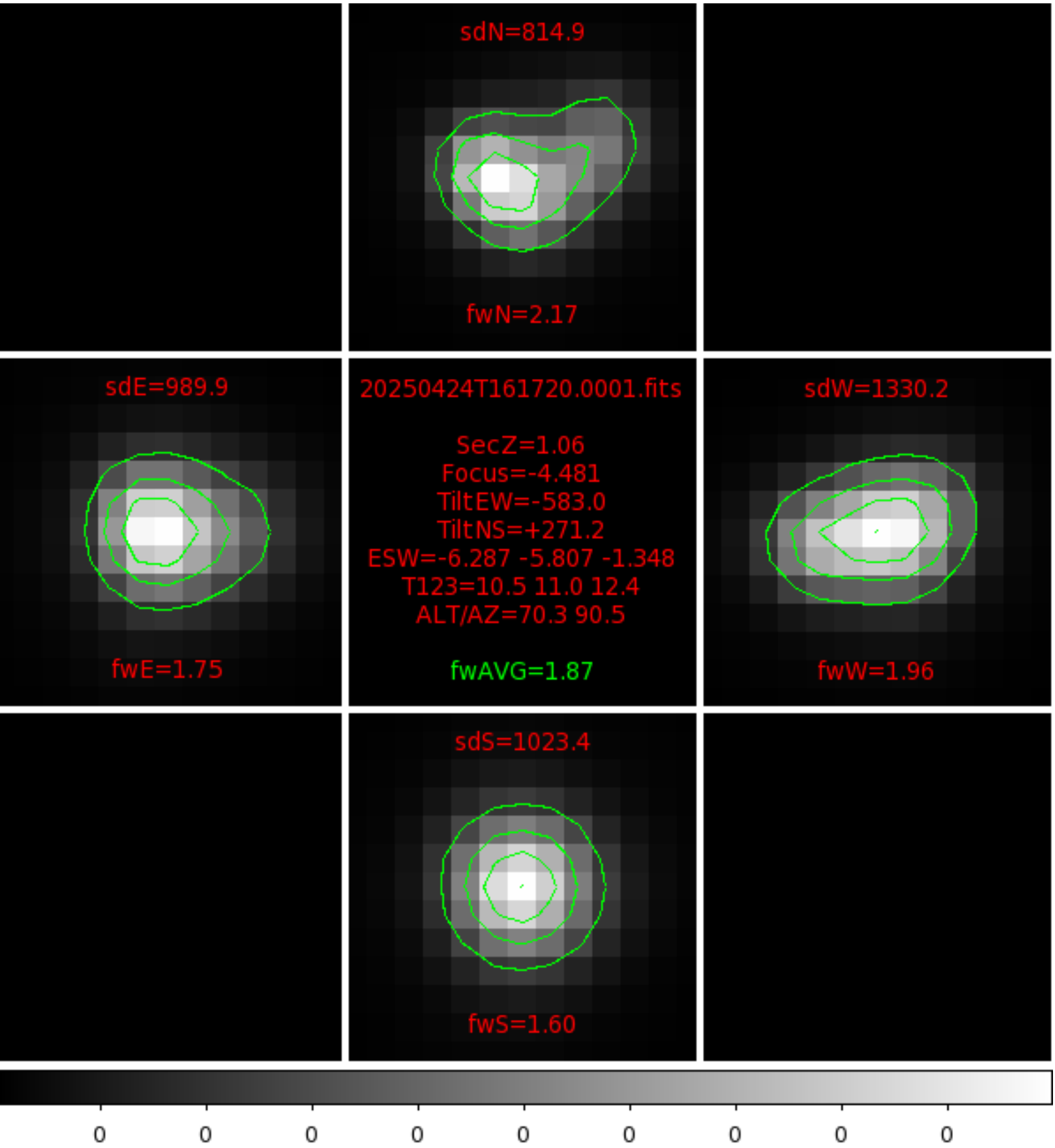
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20250424T161720.0001.fits
SecZ=1.06
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.5 11.0 12.4
ALT/AZ=70.3 90.5
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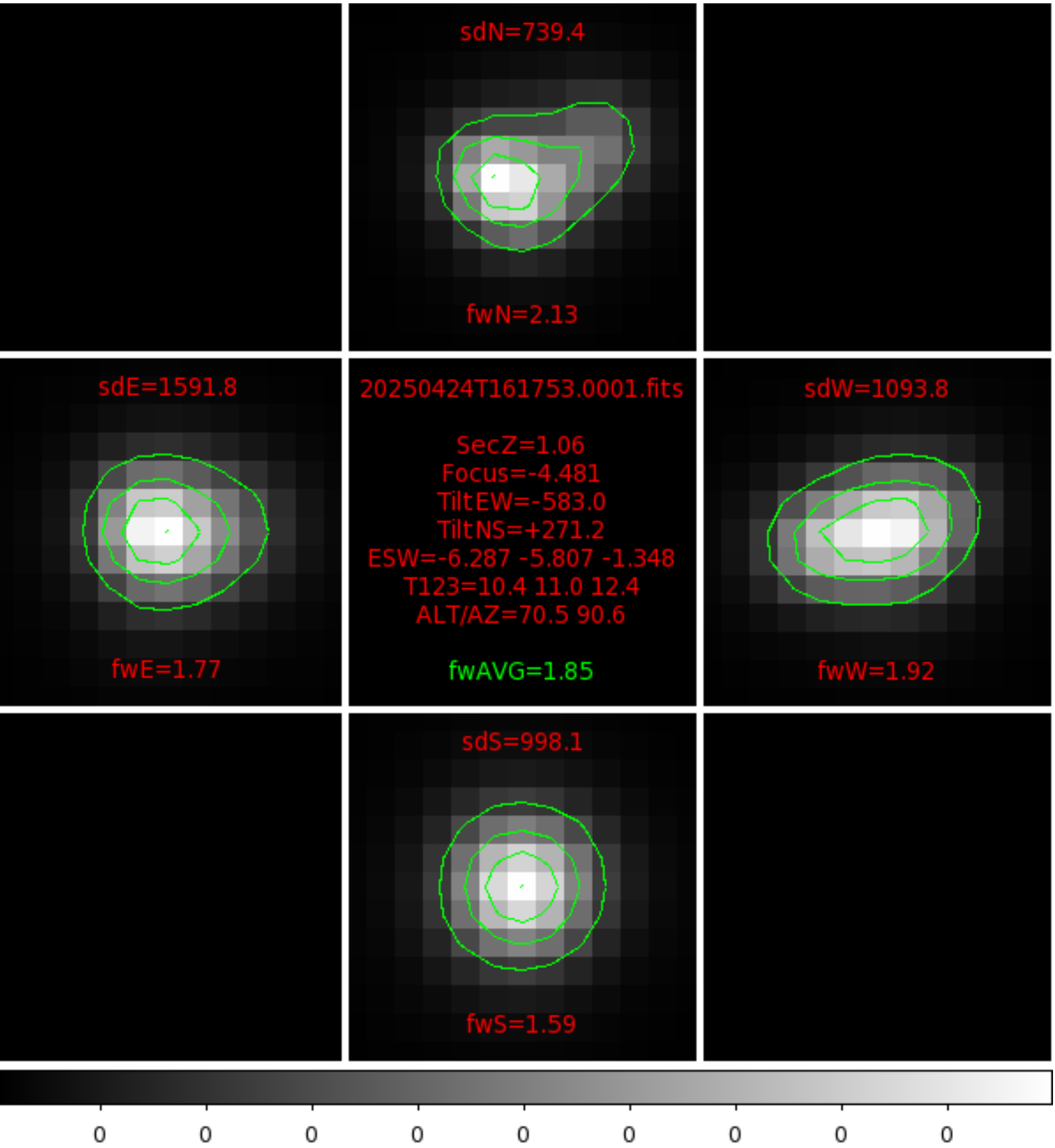
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
ALT/AZ=70.5 90.6
fwAVG=1.85
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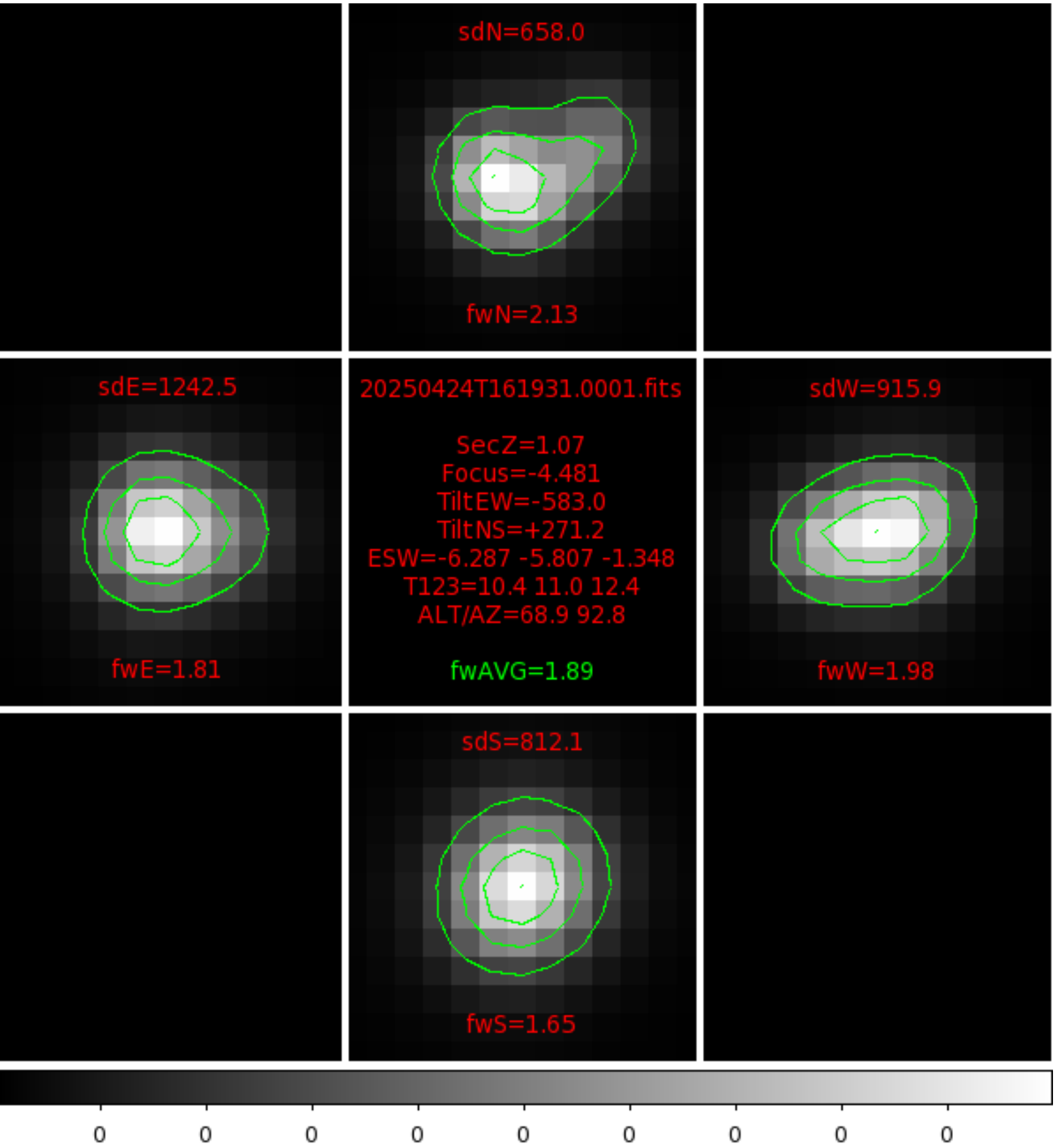
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sdE=1242.5
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SecZ=1.07
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
ALT/AZ=68.9 92.8
fwAVG=1.89
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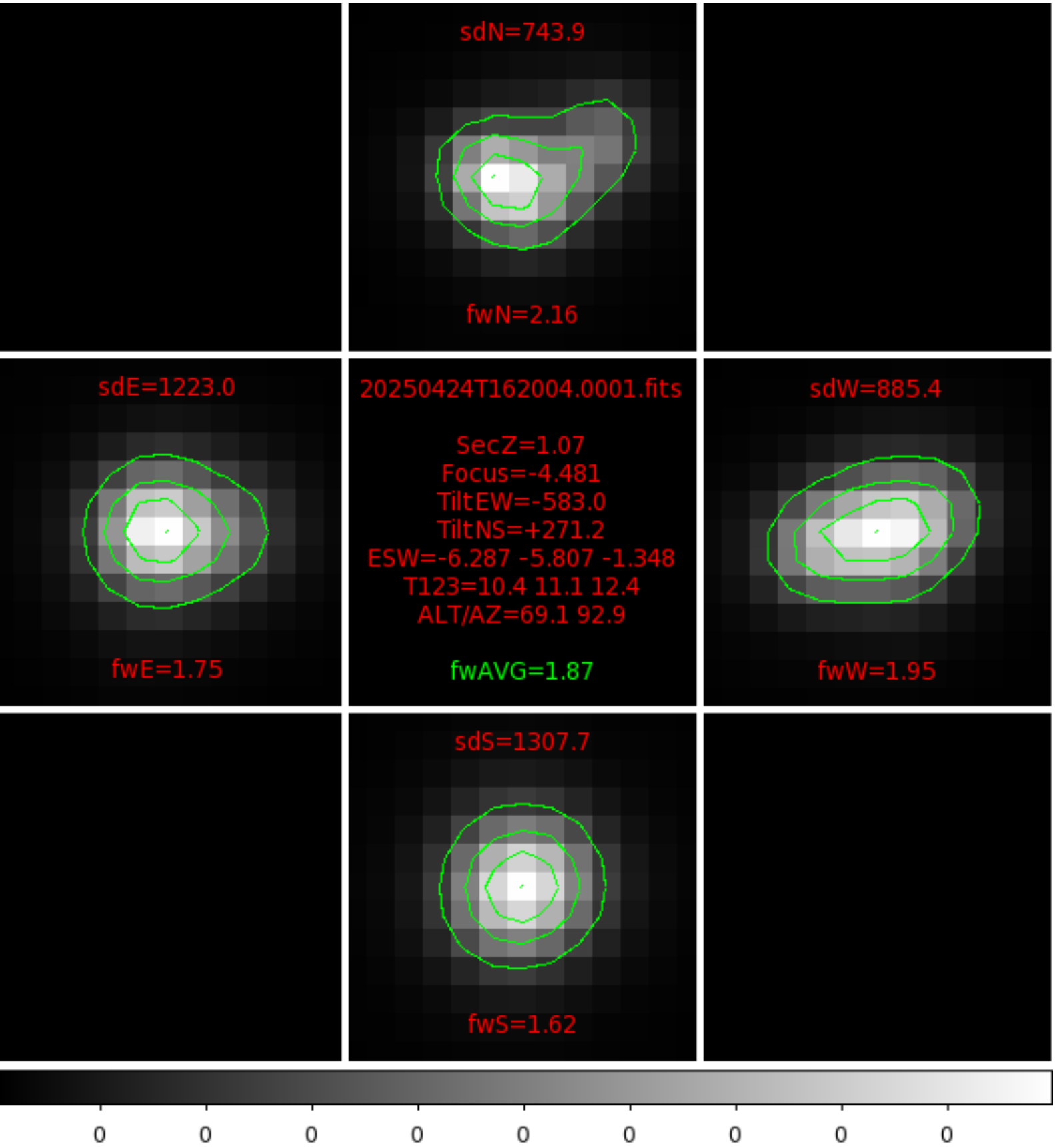
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SecZ=1.07
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.1 12.4
ALT/AZ=69.1 92.9
fwAVG=1.87
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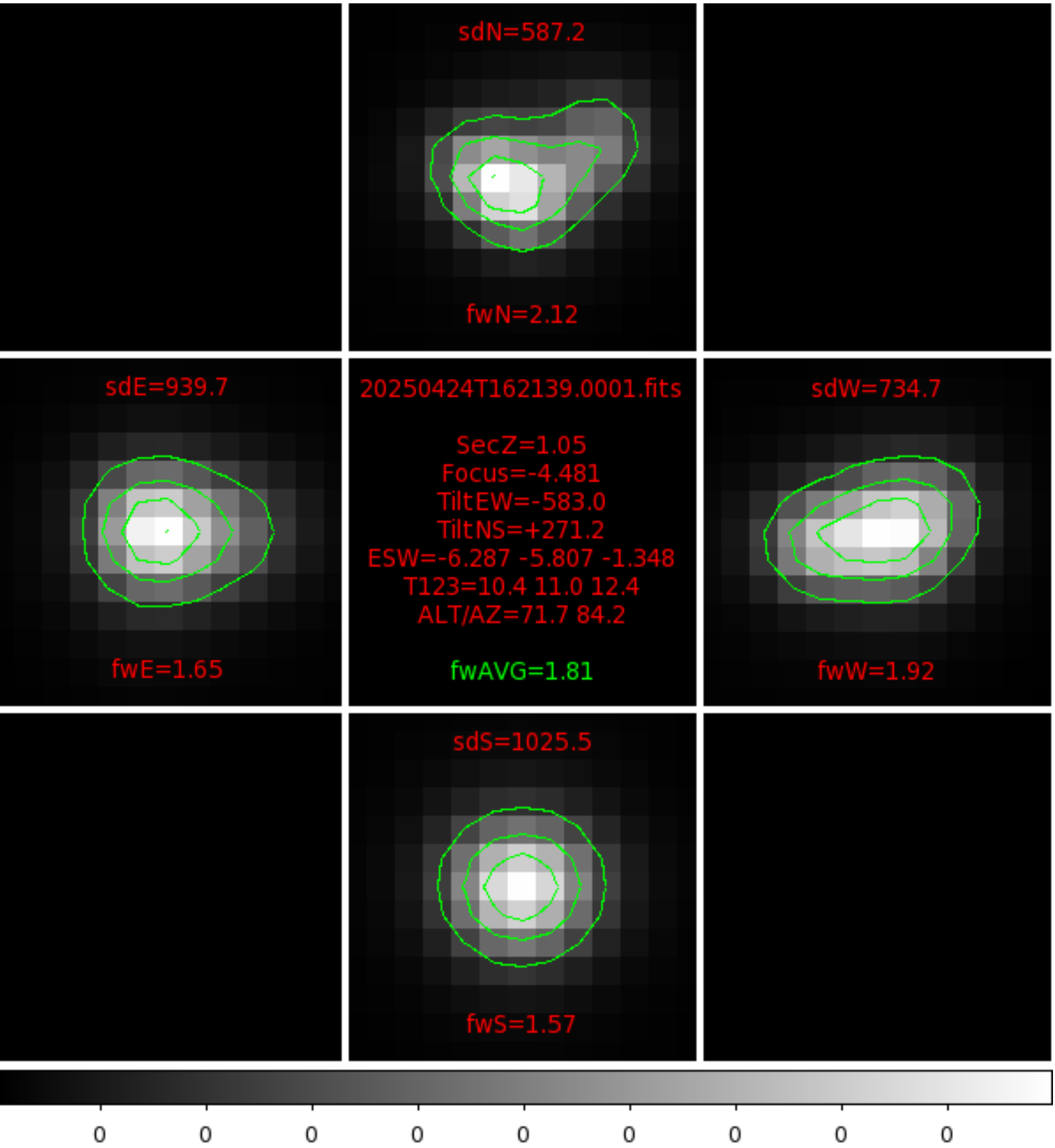
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TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
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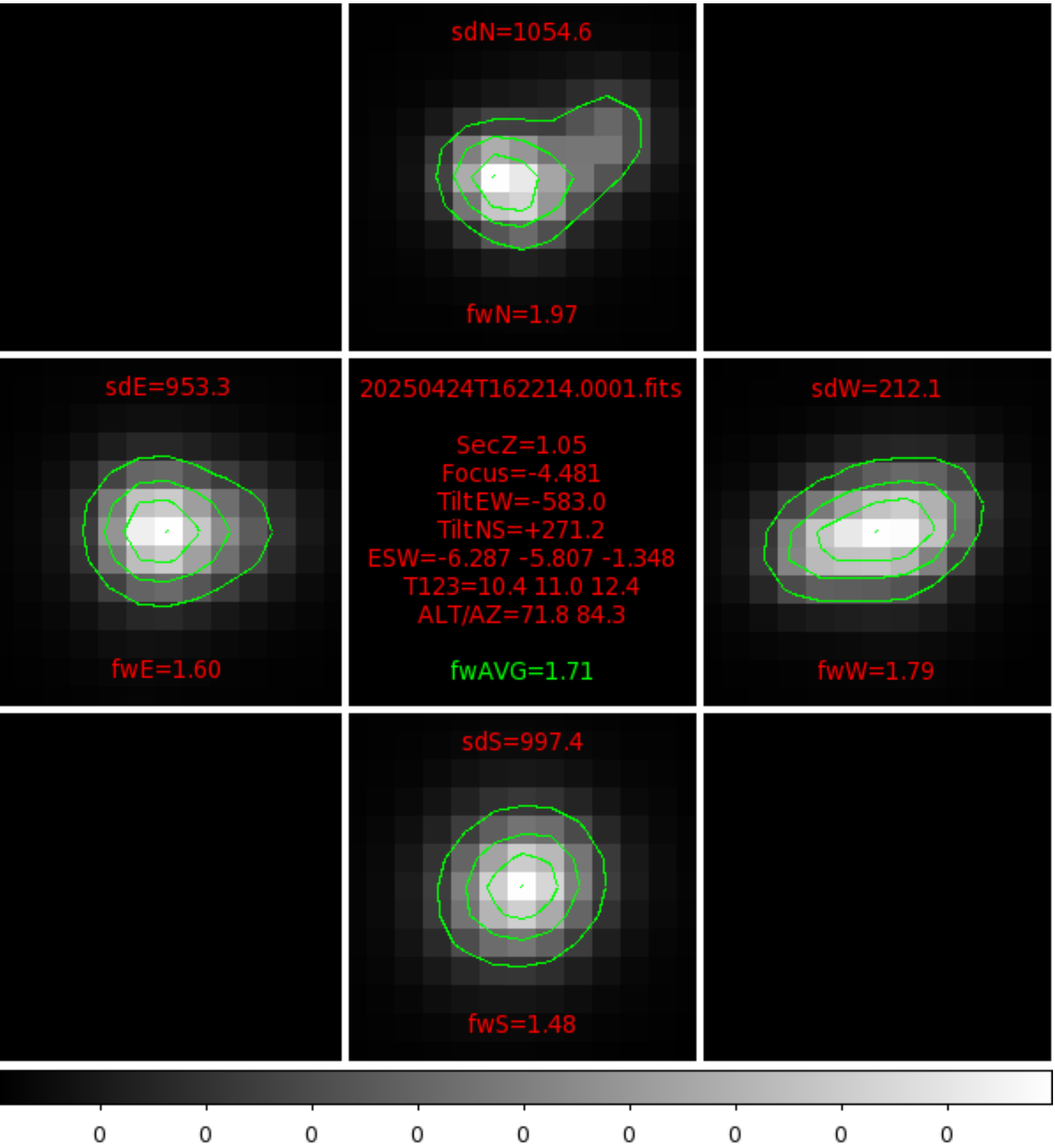
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SecZ=1.05
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ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
ALT/AZ=71.8 84.3
fwAVG=1.71
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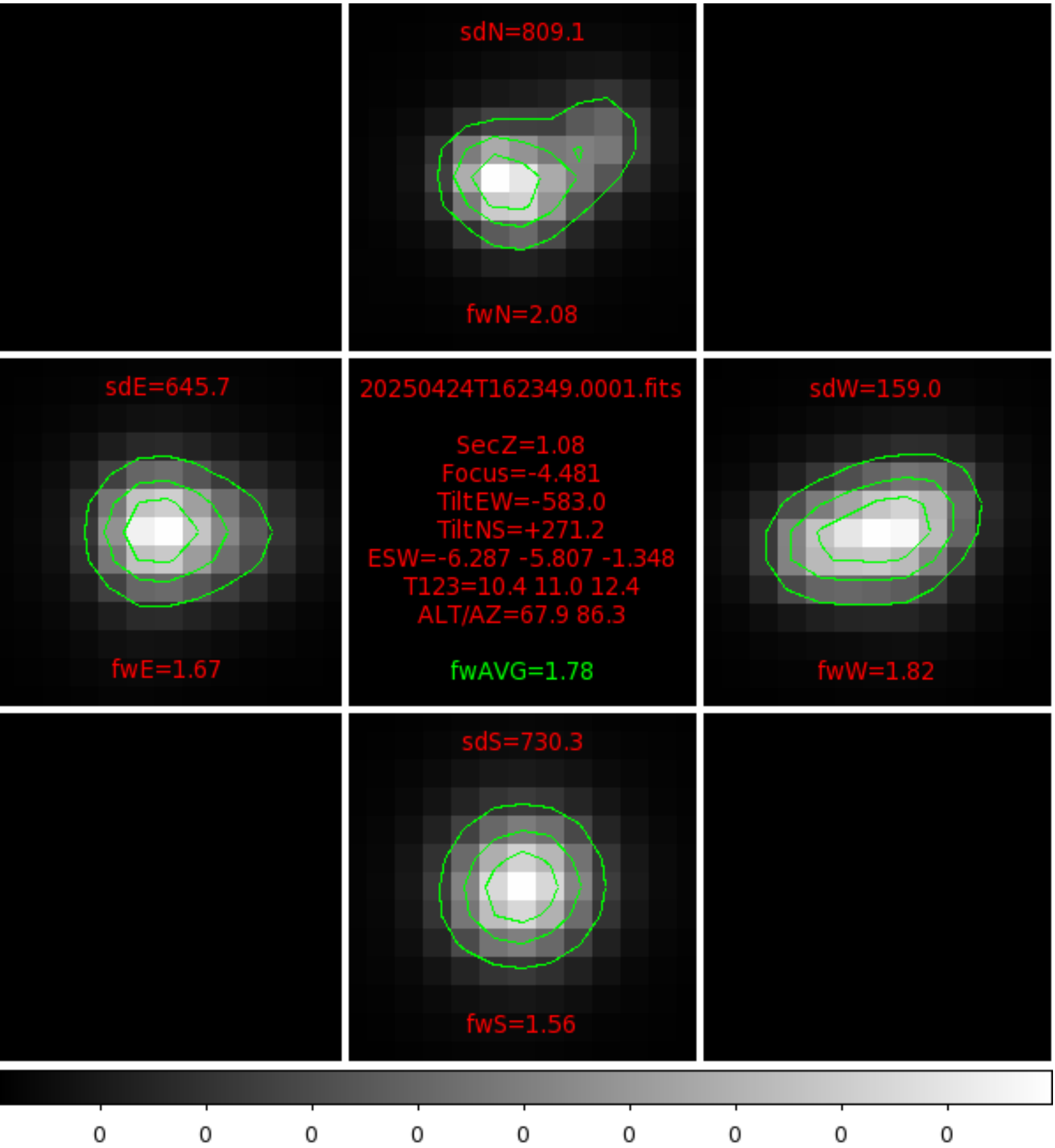
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
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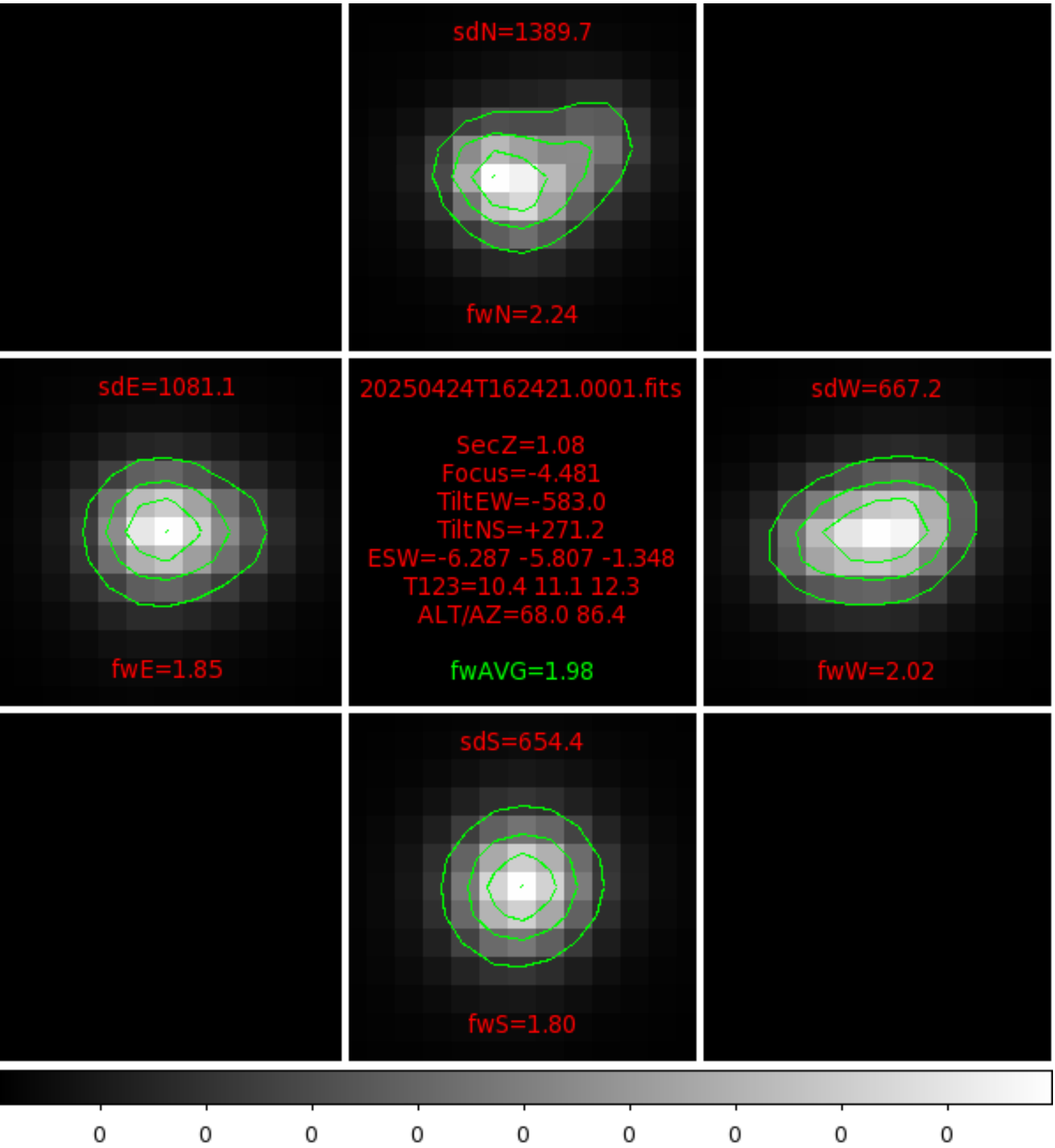
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SecZ=1.08
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.1 12.3
ALT/AZ=68.0 86.4
fwAVG=1.98
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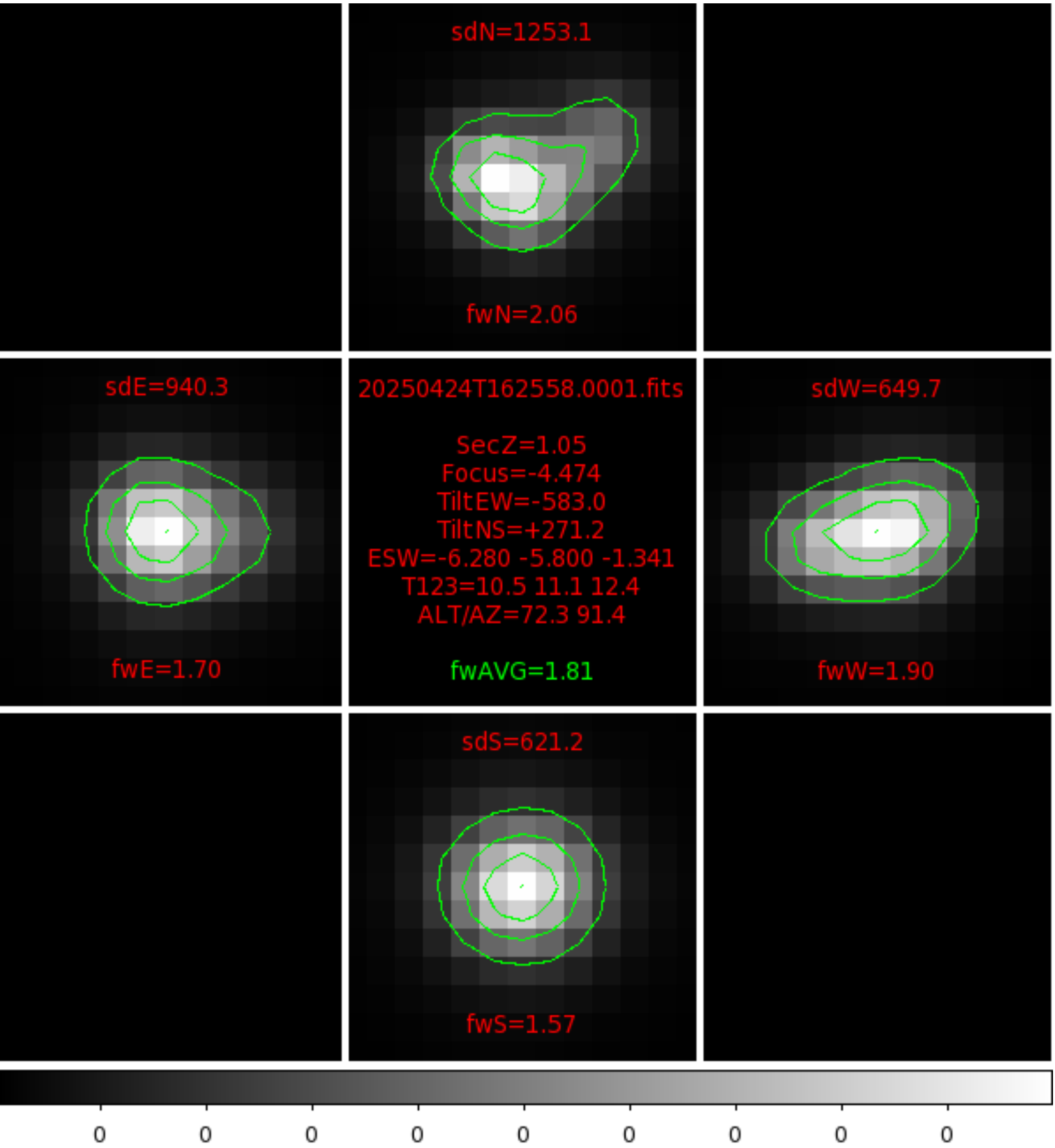
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SecZ=1.05
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.4
ALT/AZ=72.3 91.4
fwAVG=1.81
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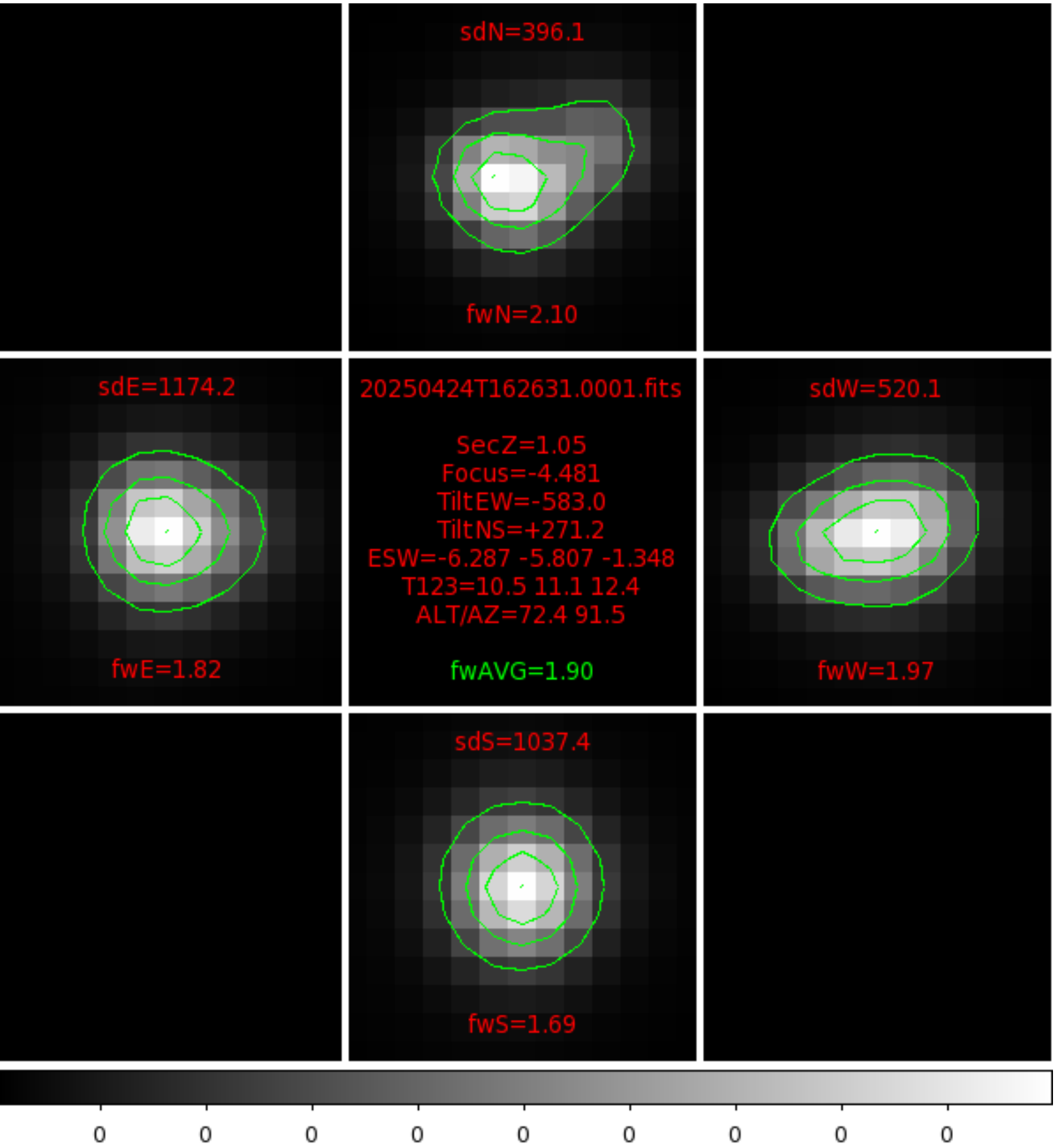
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SecZ=1.05
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.5 11.1 12.4
ALT/AZ=72.4 91.5
fwAVG=1.90
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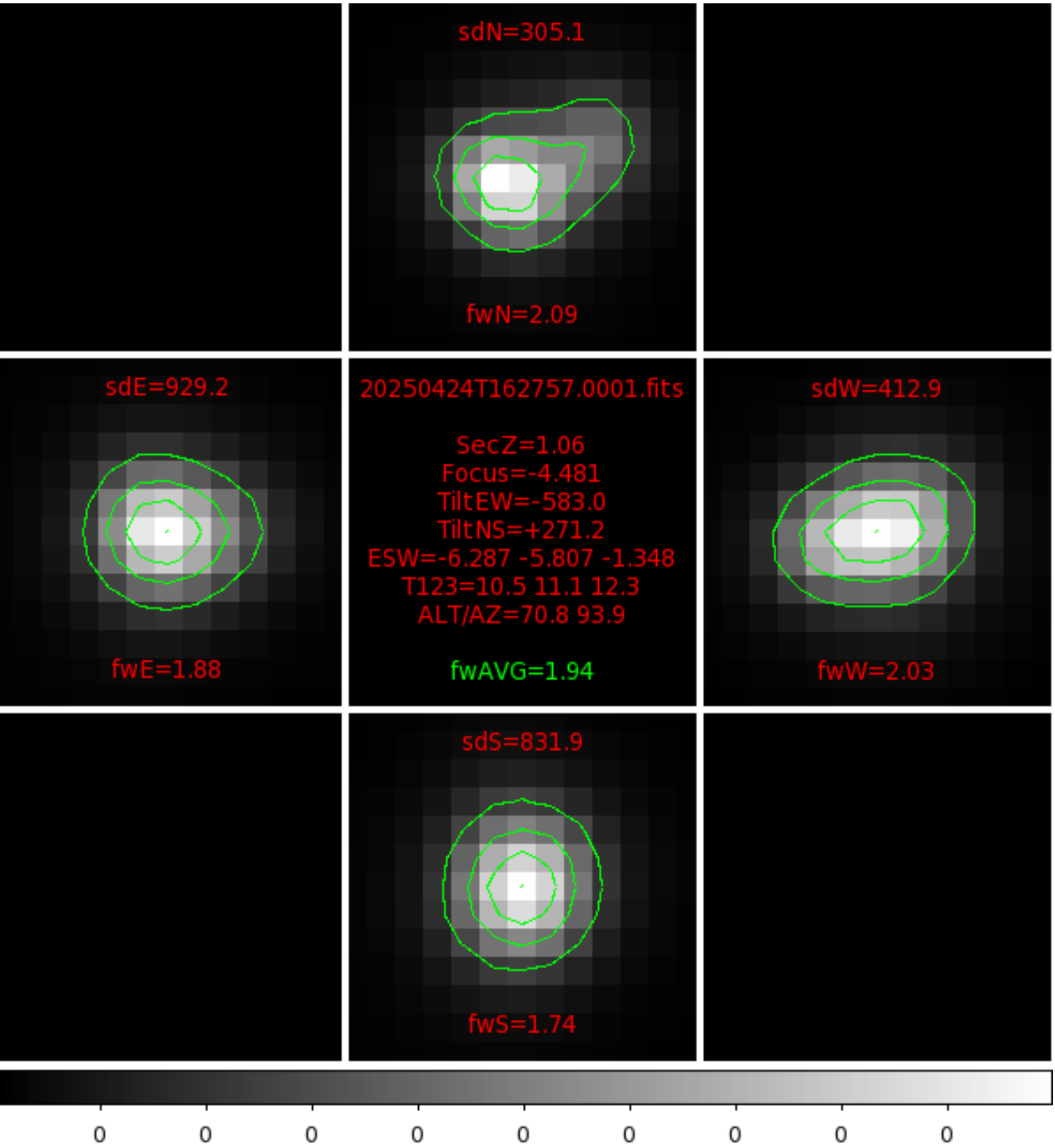
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sdE=929.2
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SecZ=1.06
Focus=-4.481
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.5 11.1 12.3
ALT/AZ=70.8 93.9
fwAVG=1.94
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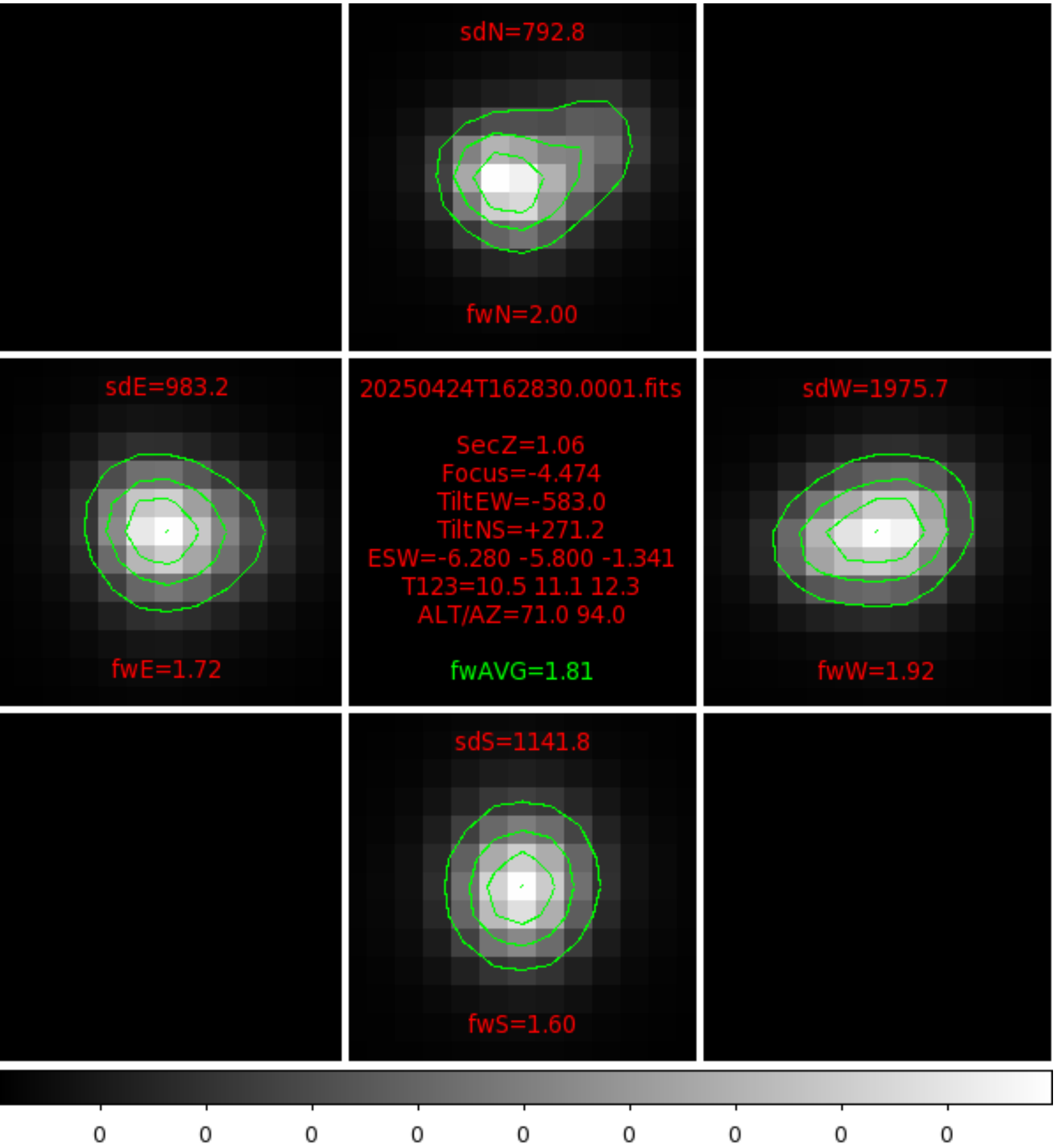
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=71.0 94.0
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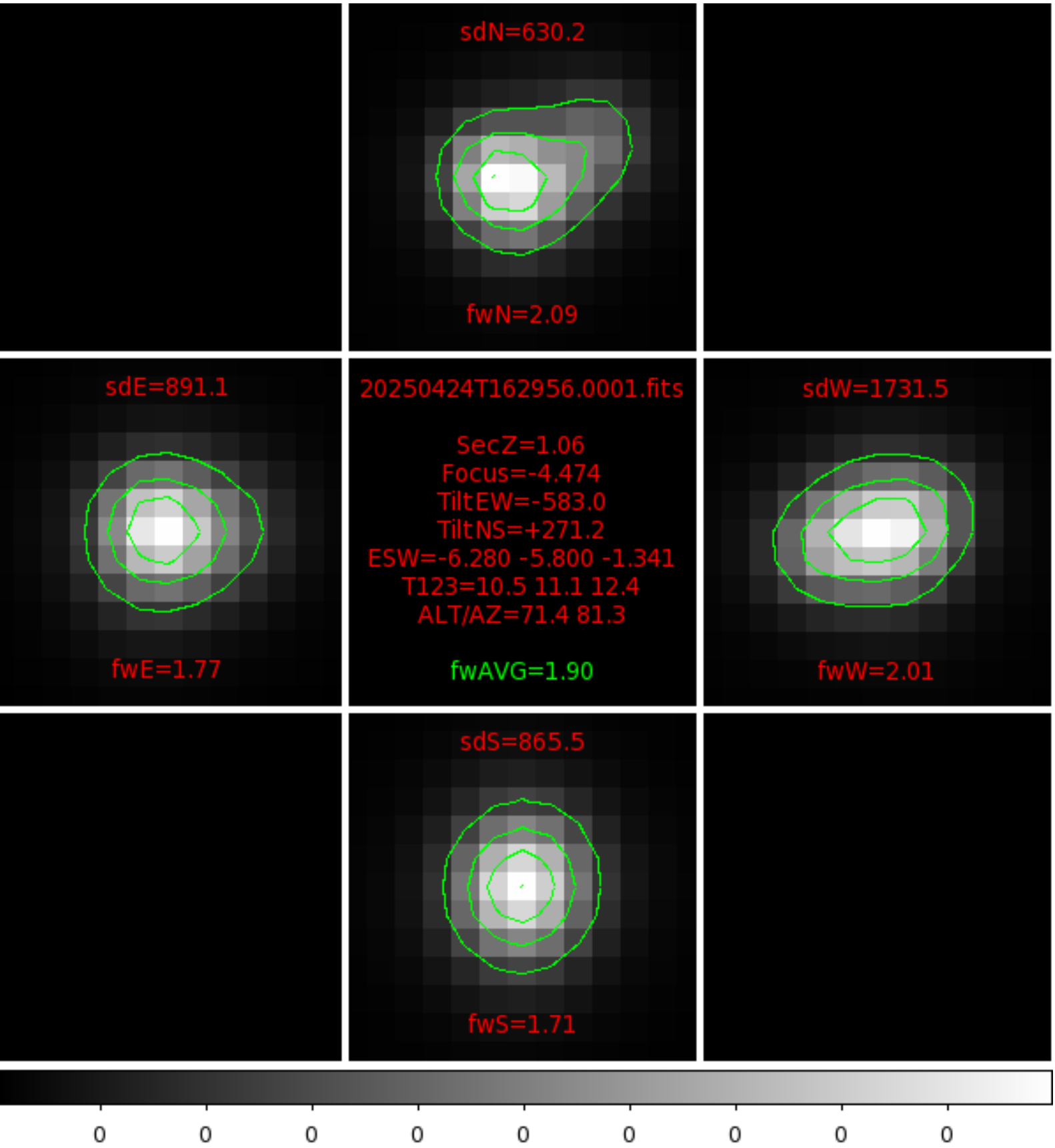
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sdE=891.1
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SecZ=1.06
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.4
ALT/AZ=71.4 81.3
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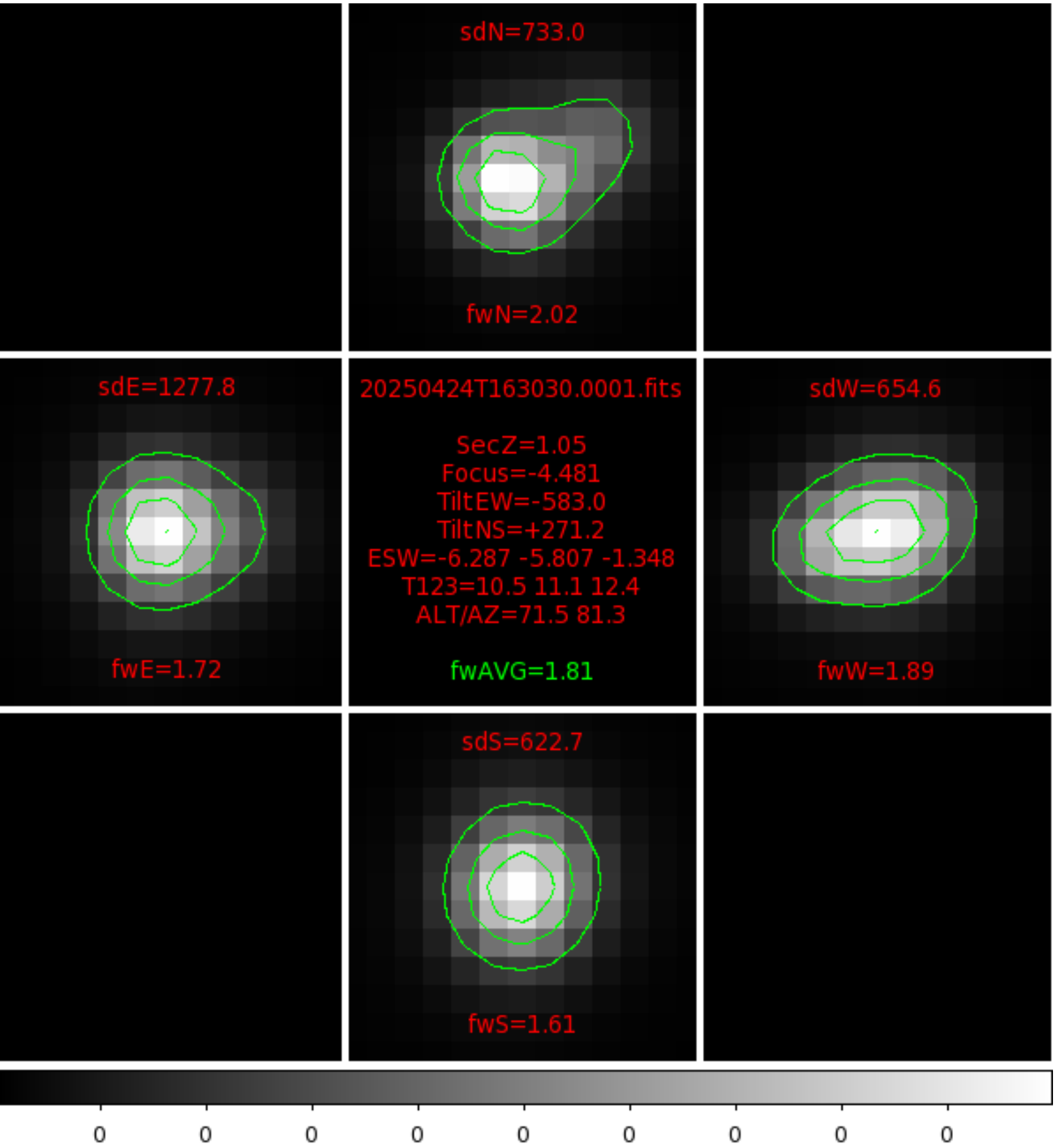
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TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.5 11.1 12.4
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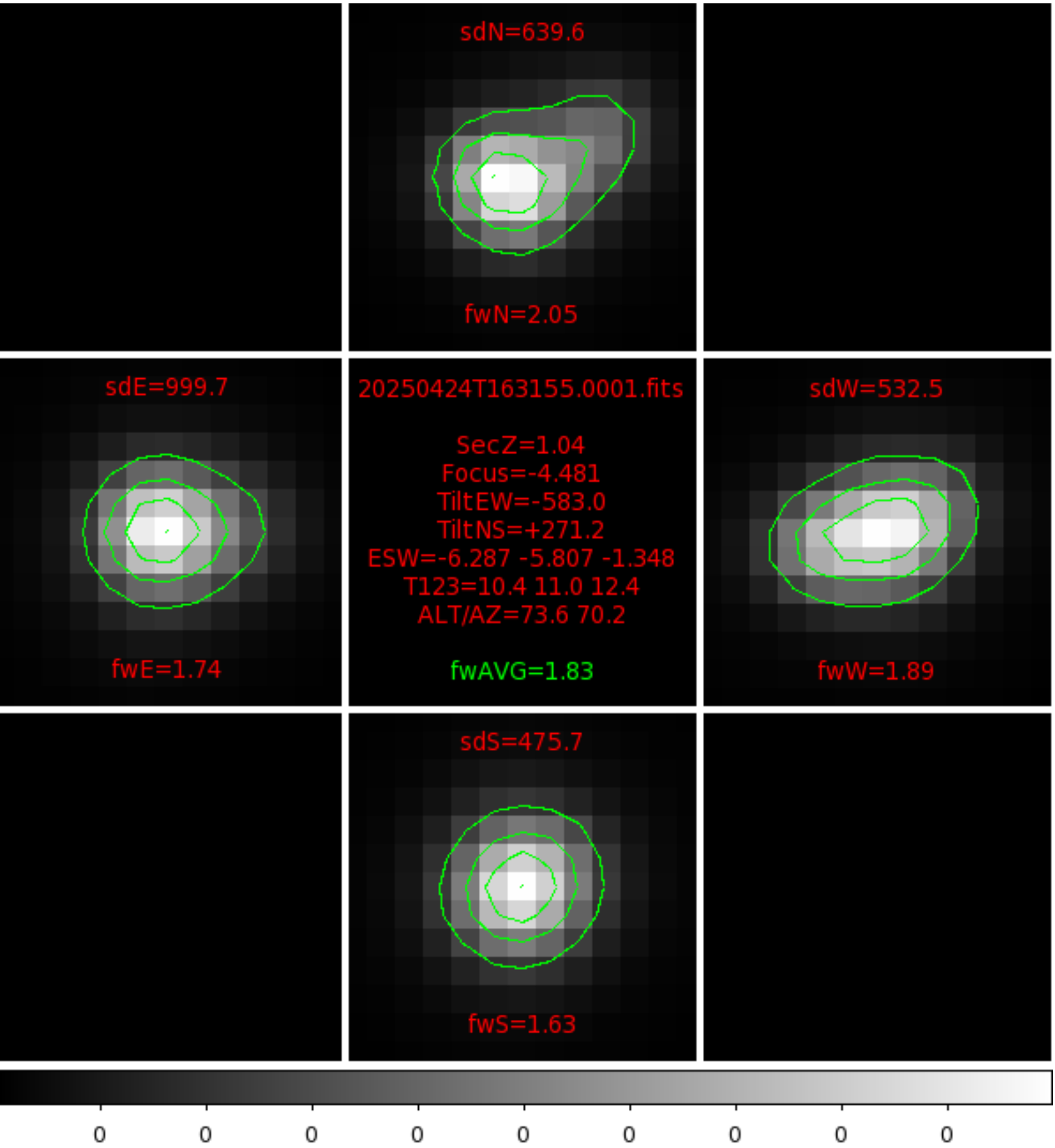
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TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.0 12.4
ALT/AZ=73.6 70.2
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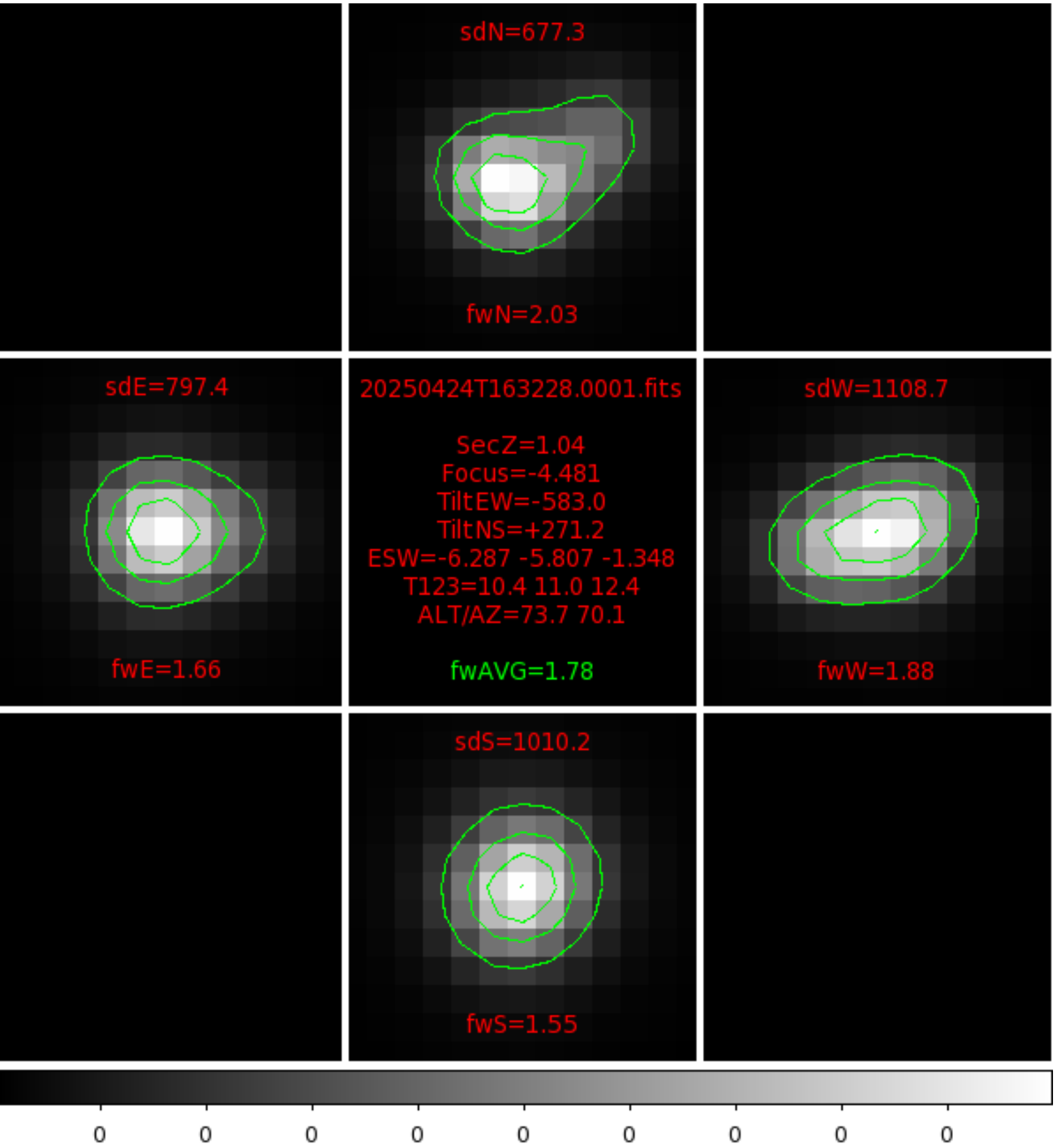
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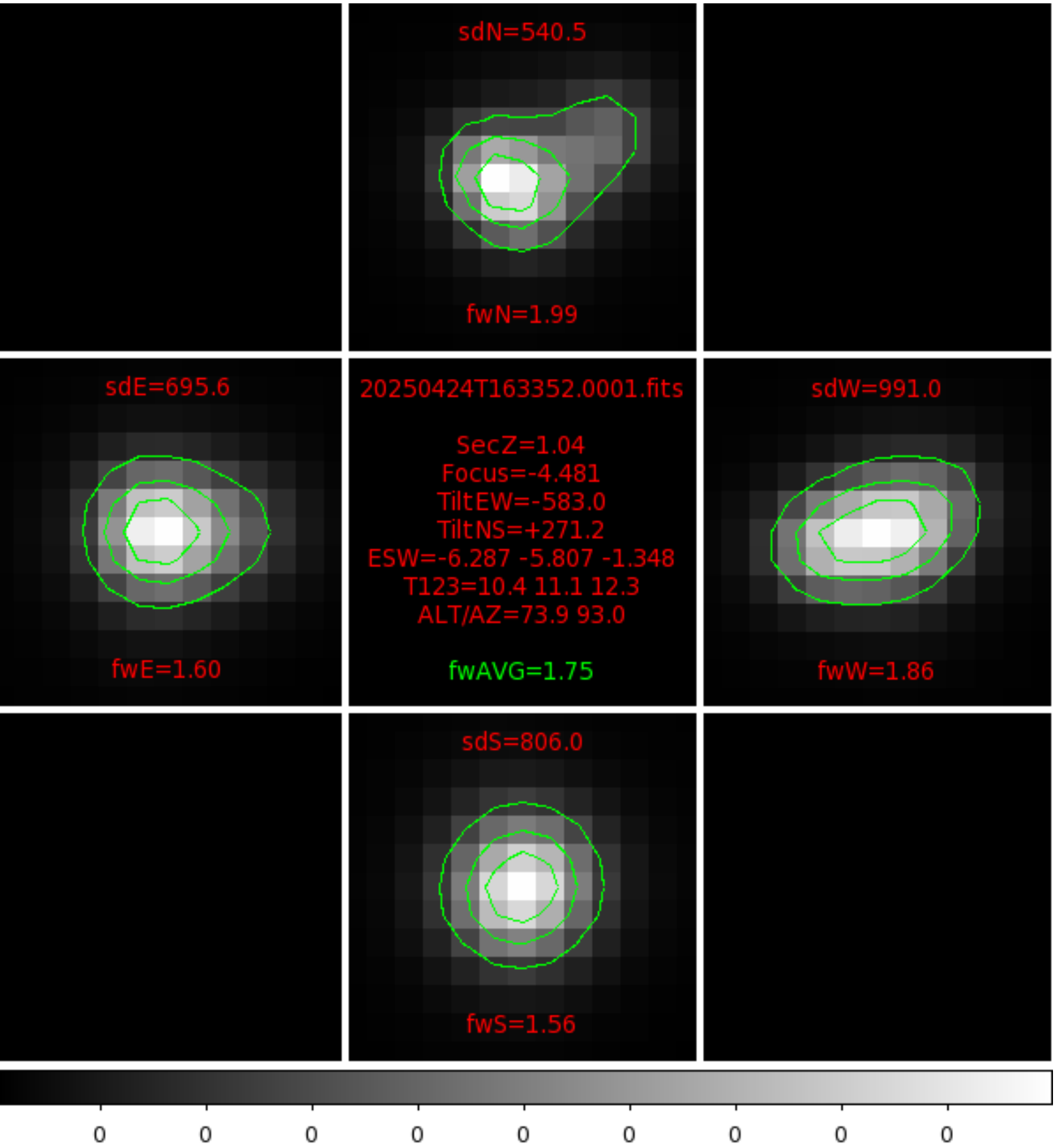
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.287 -5.807 -1.348
T123=10.4 11.1 12.3
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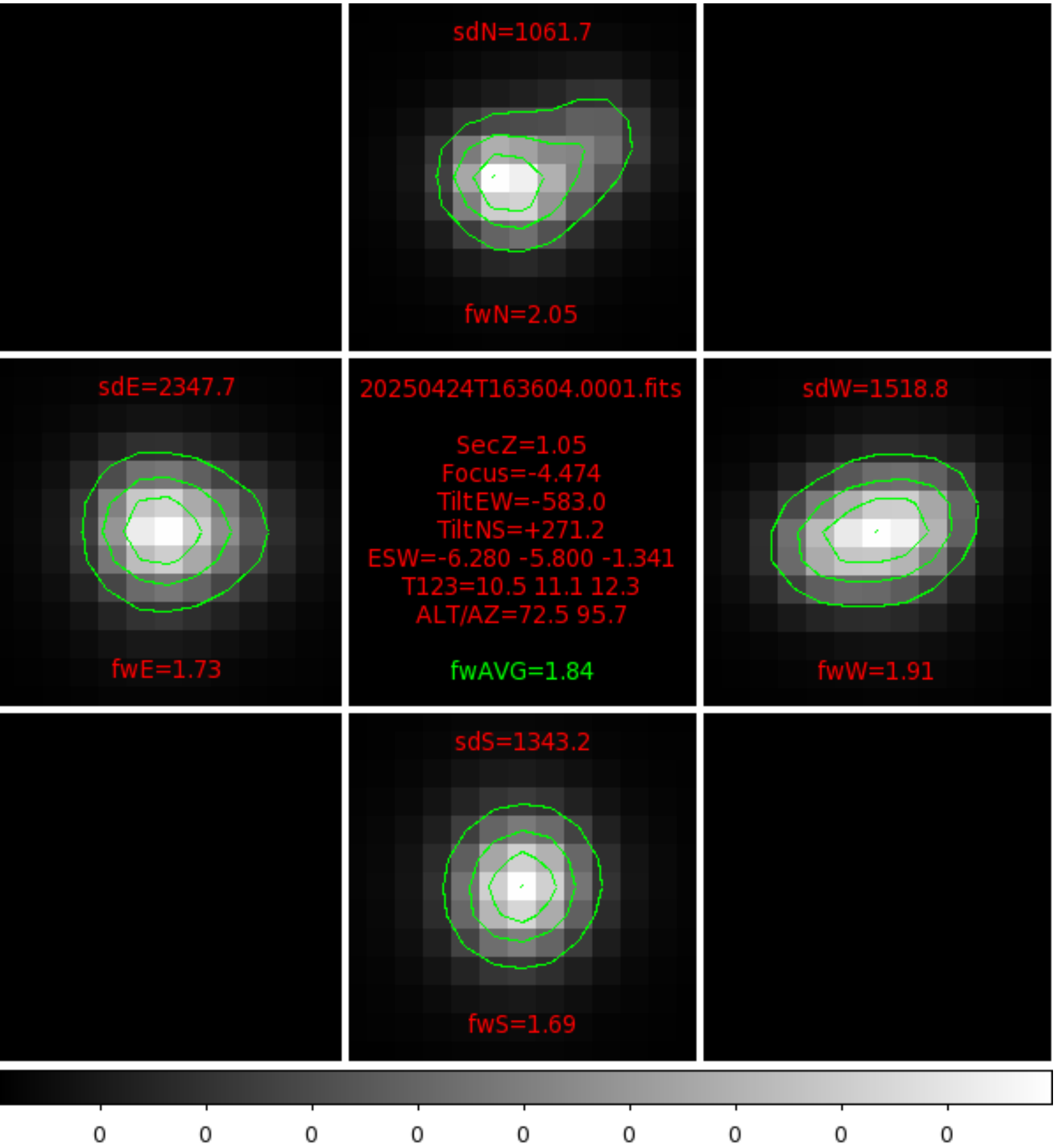
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ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=72.5 95.7
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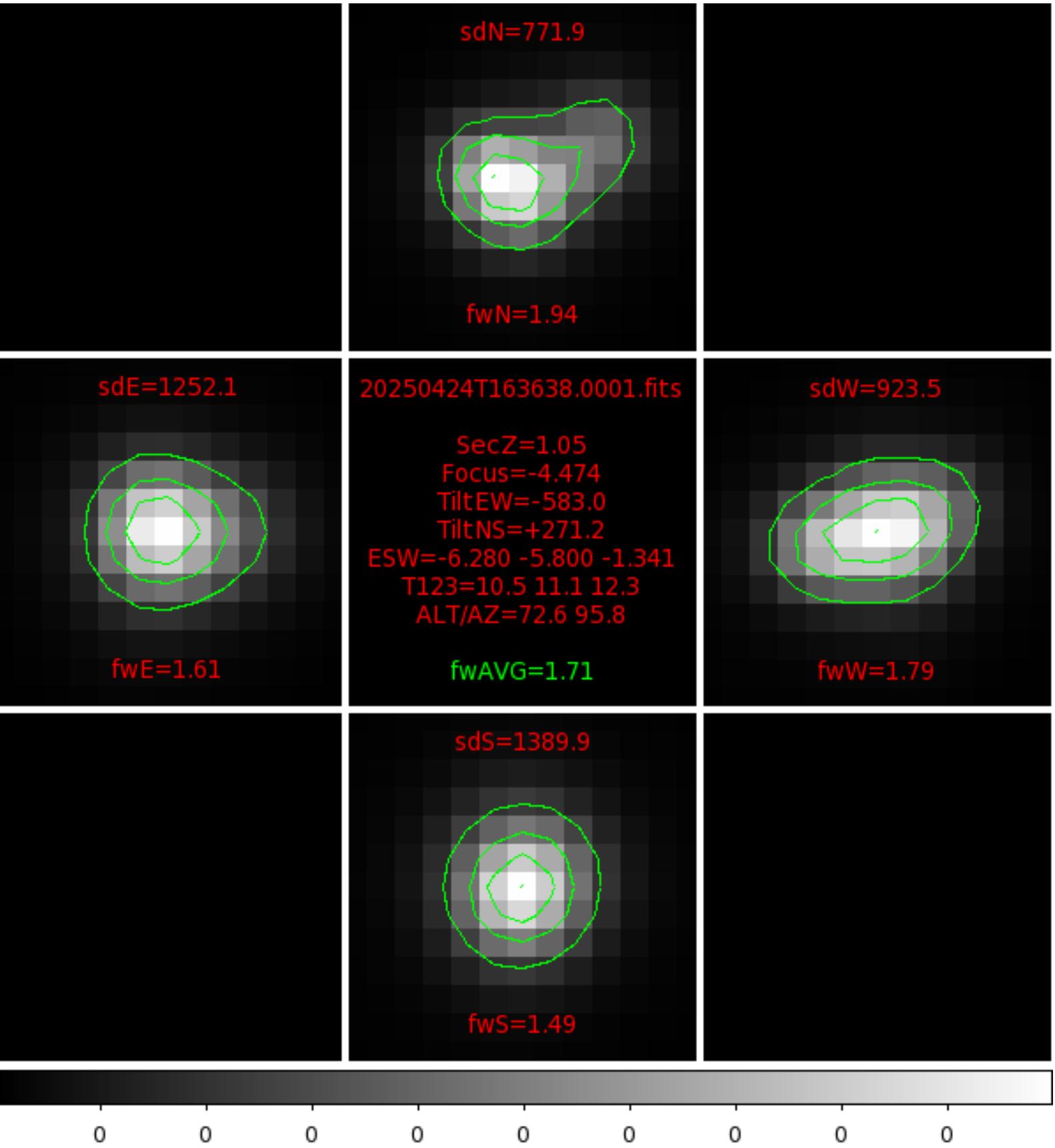
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SecZ=1.05
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
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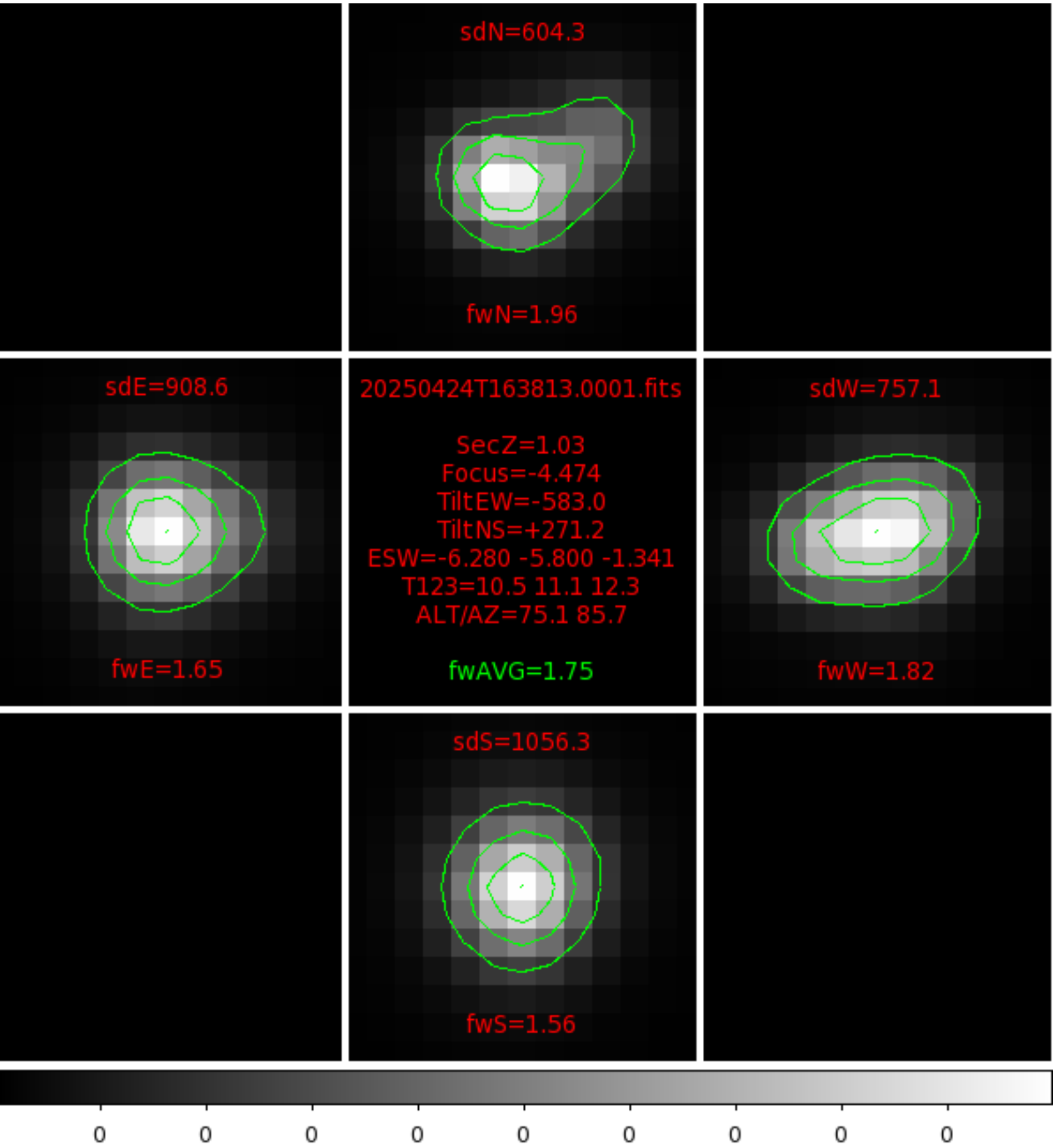
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=75.1 85.7
fwAVG=1.75
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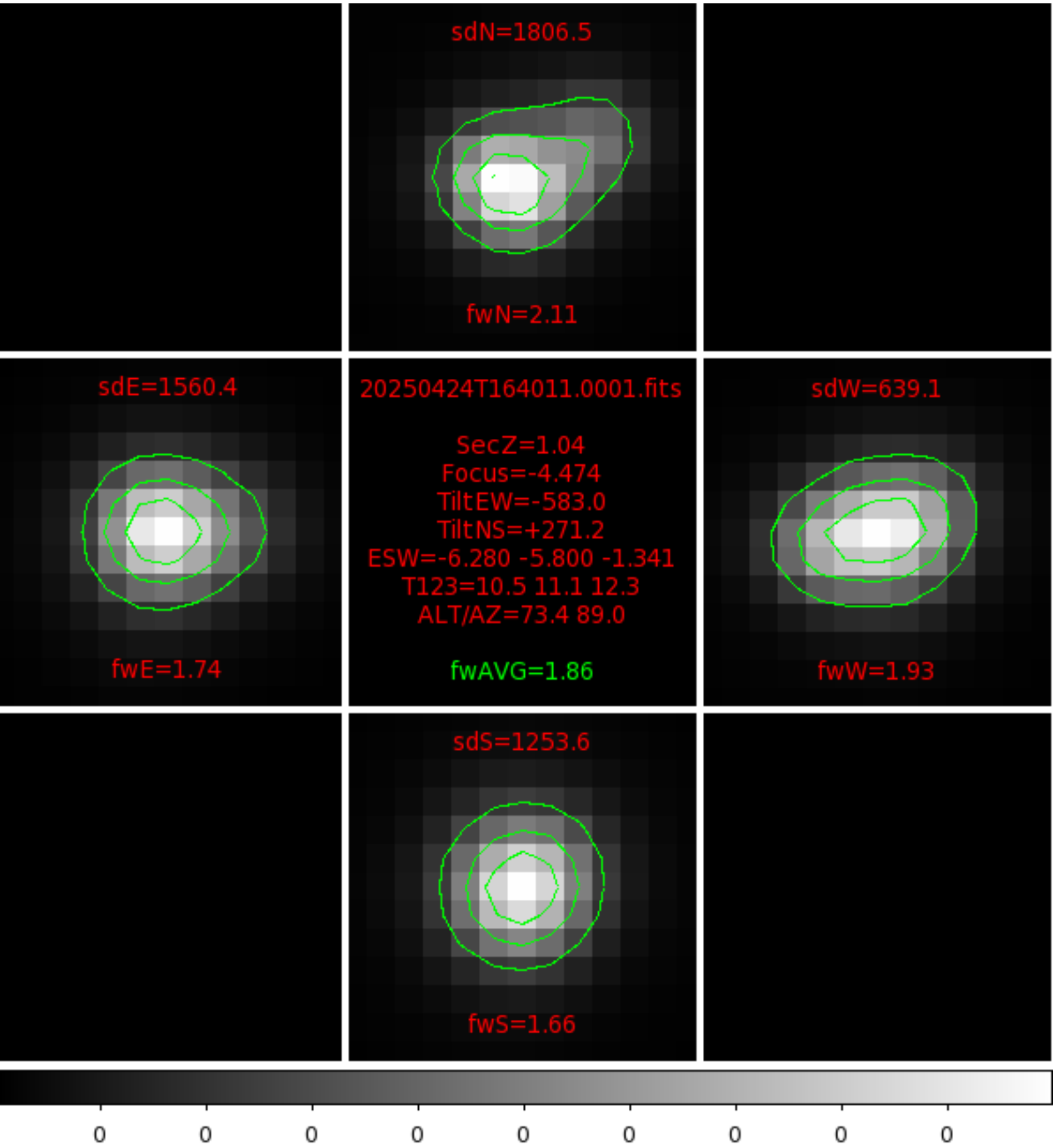
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
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fwAVG=1.86
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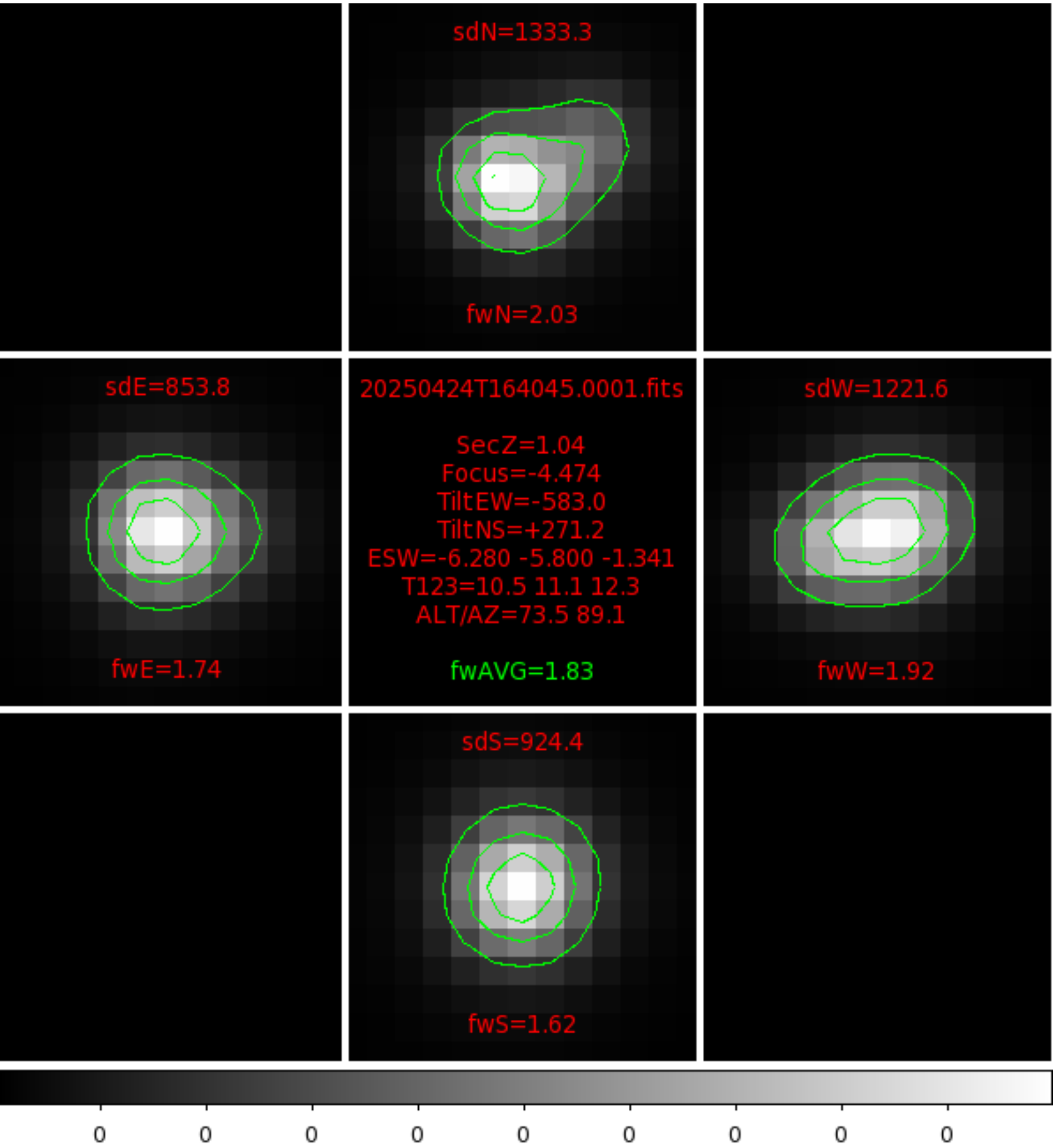
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SecZ=1.04
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
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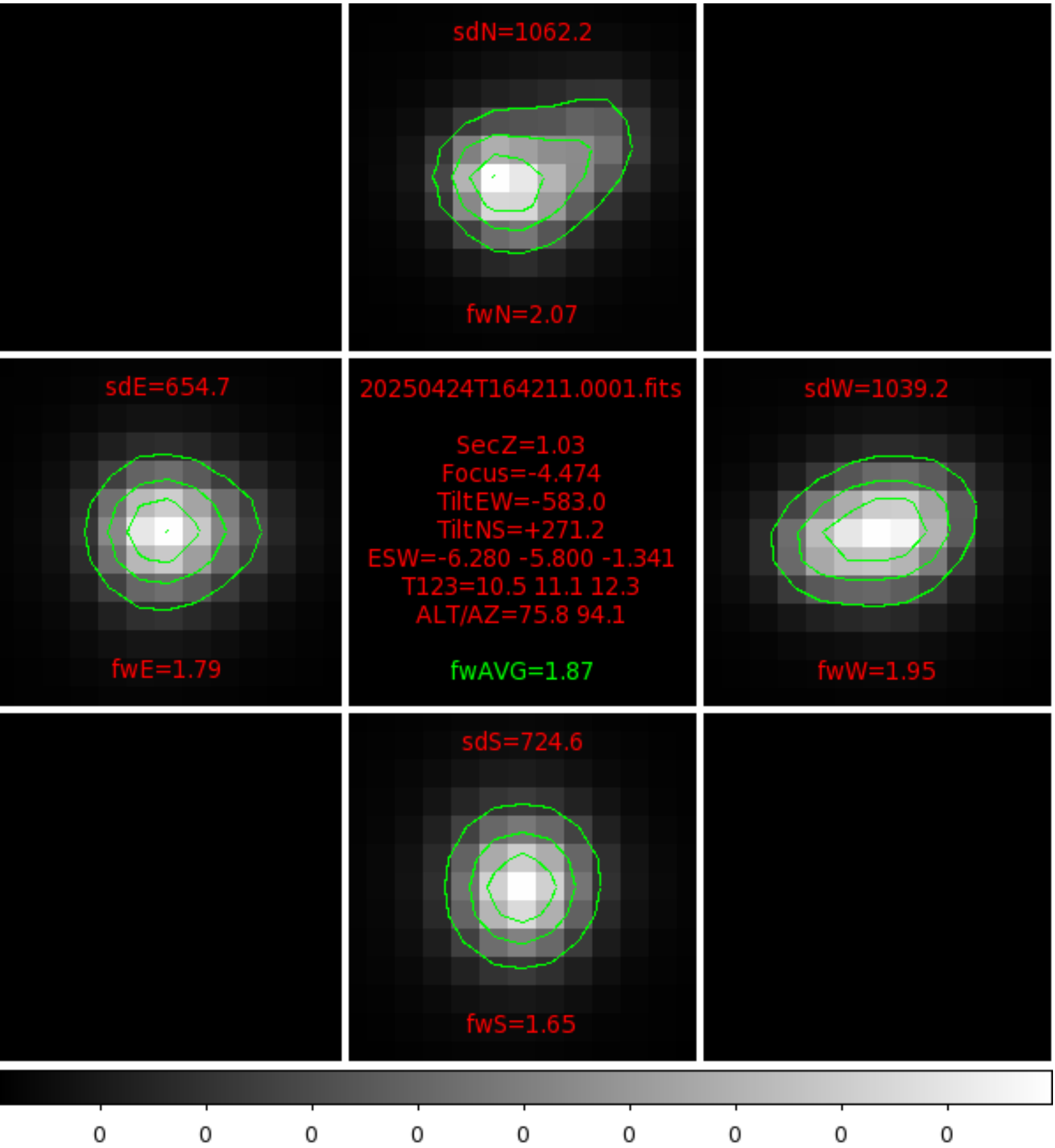
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fwE=1.79
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SecZ=1.03
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=75.8 94.1
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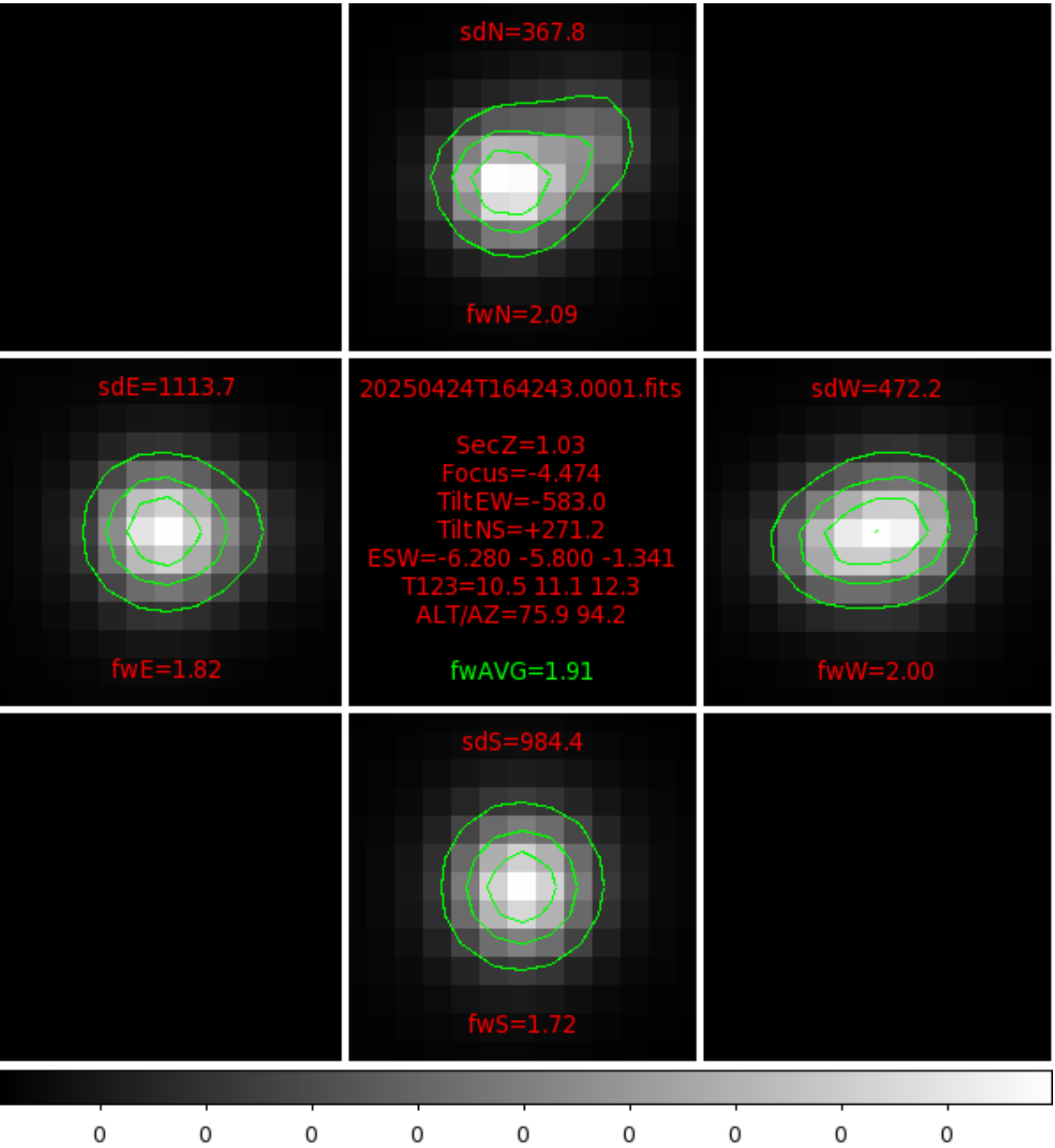
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SecZ=1.03
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=75.9 94.2
fwAVG=1.91
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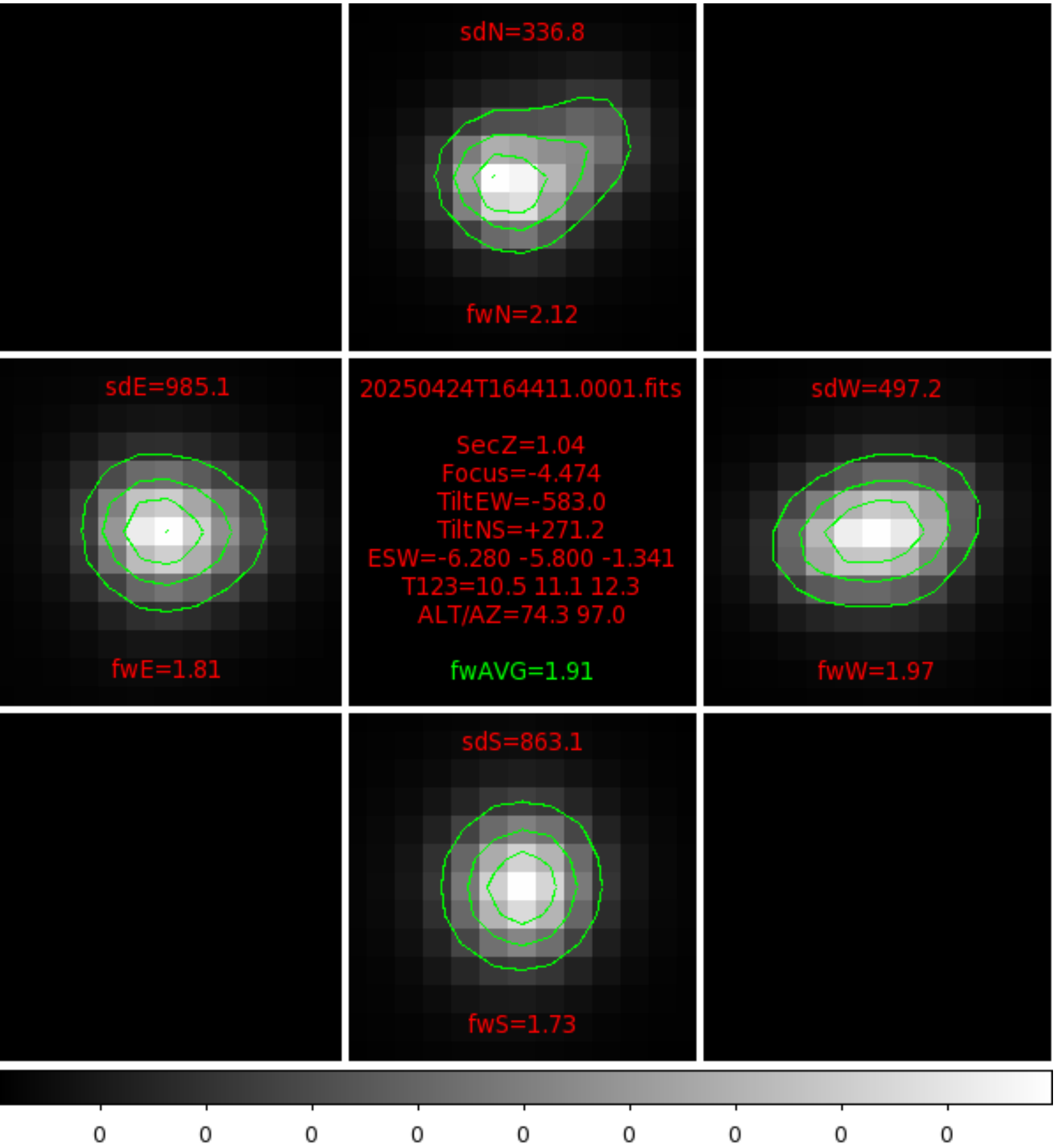
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Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=74.3 97.0
fwAVG=1.91
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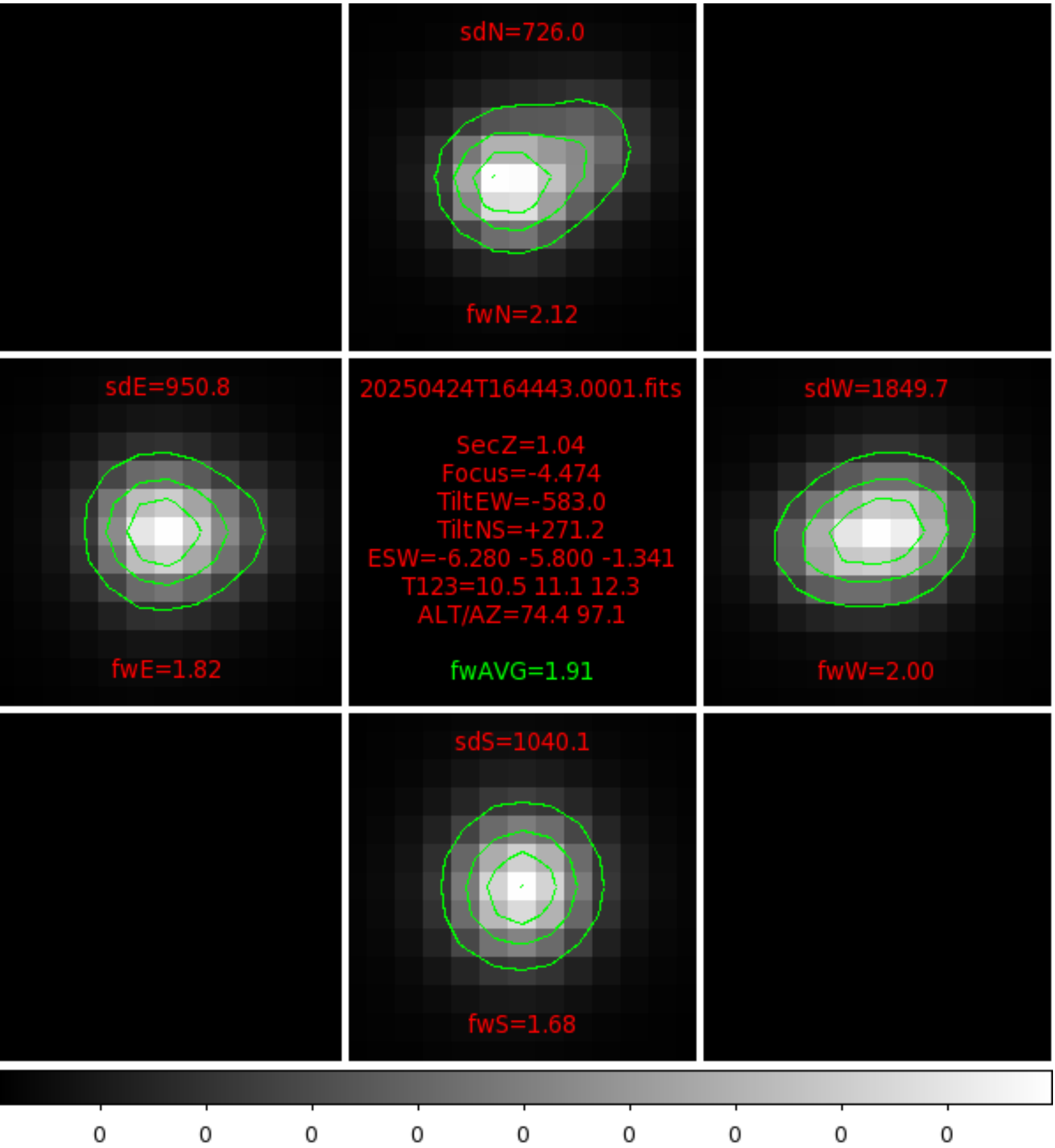
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SecZ=1.04
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=74.4 97.1
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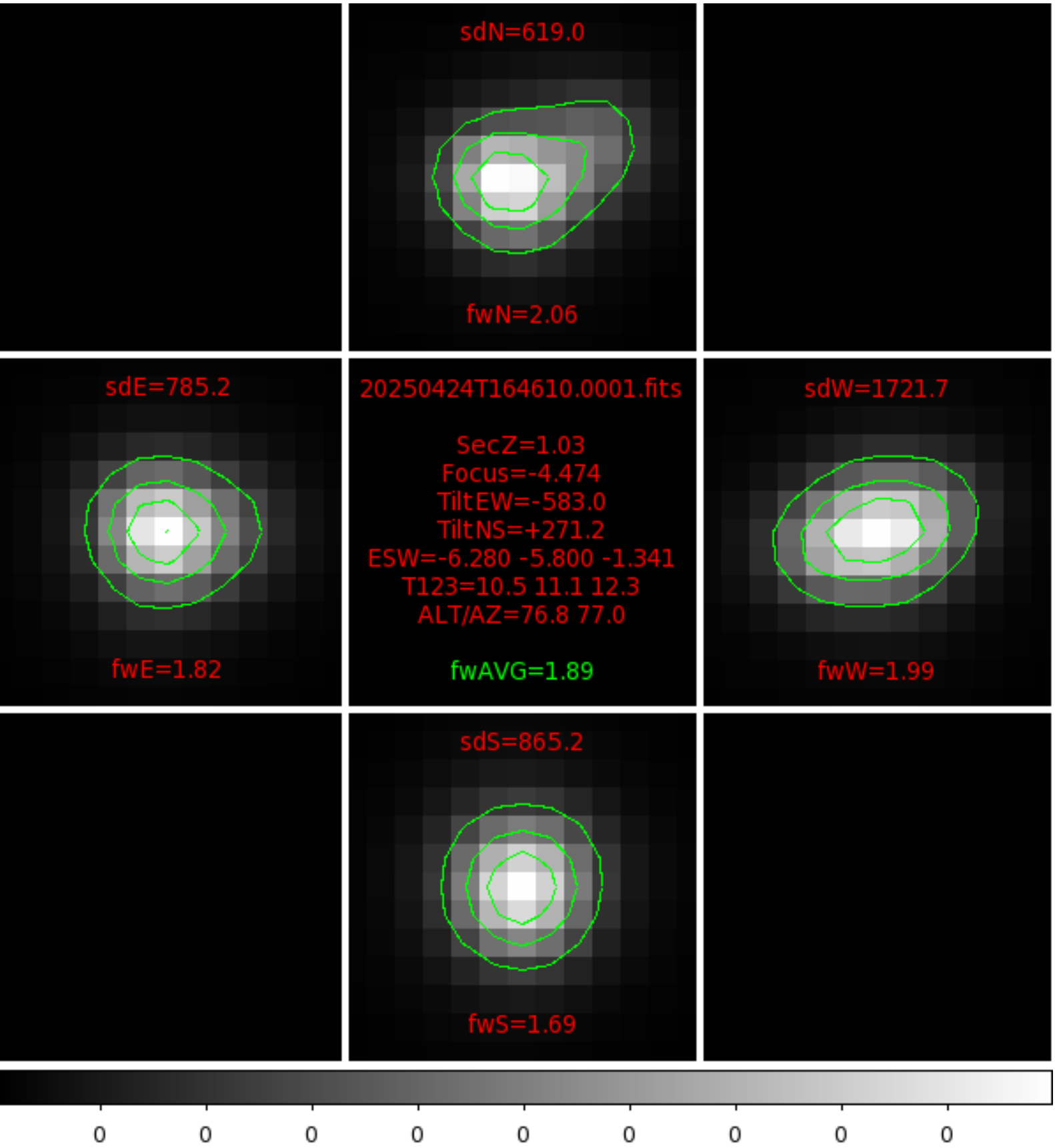
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
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fwAVG=1.89
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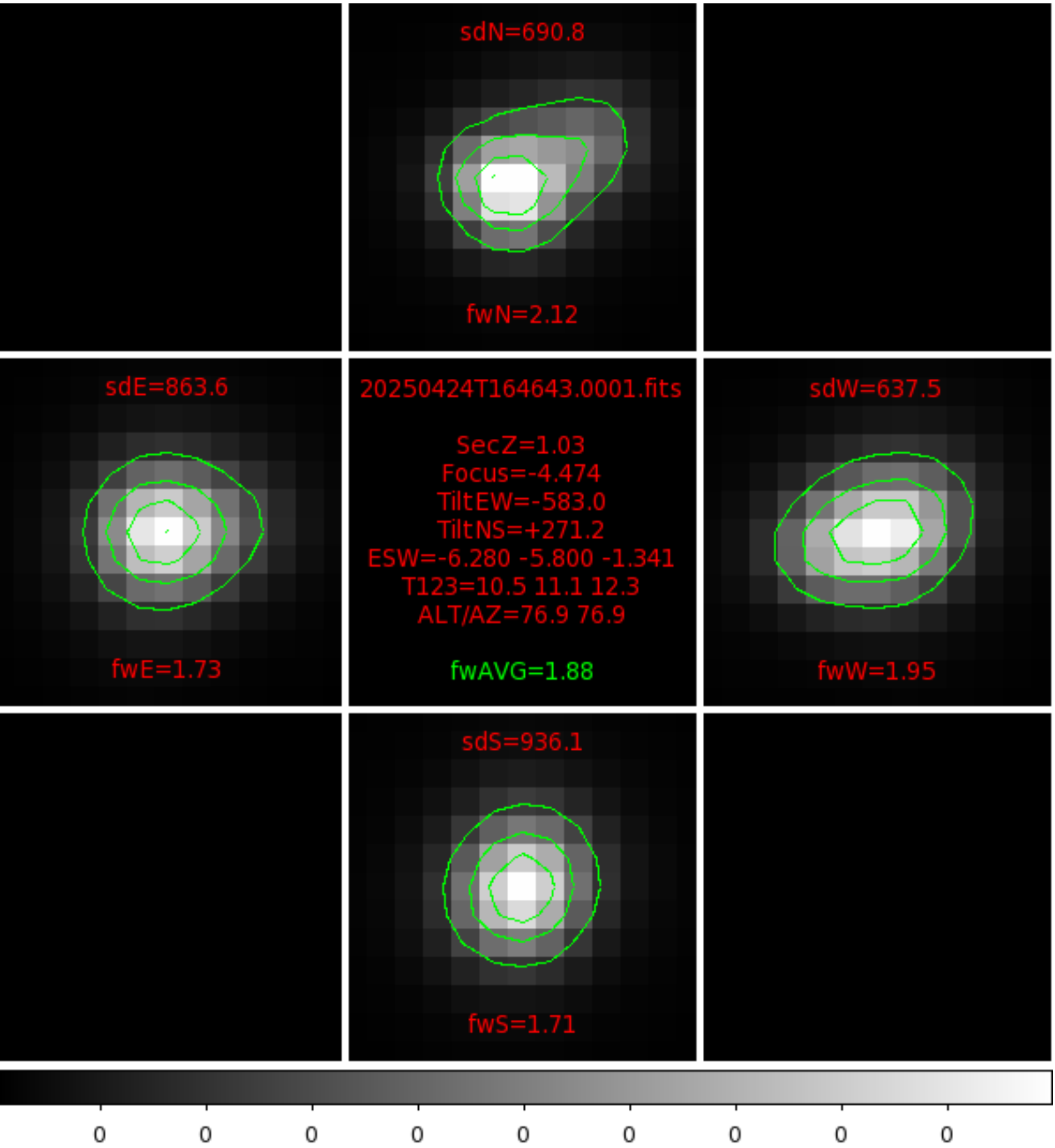
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ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
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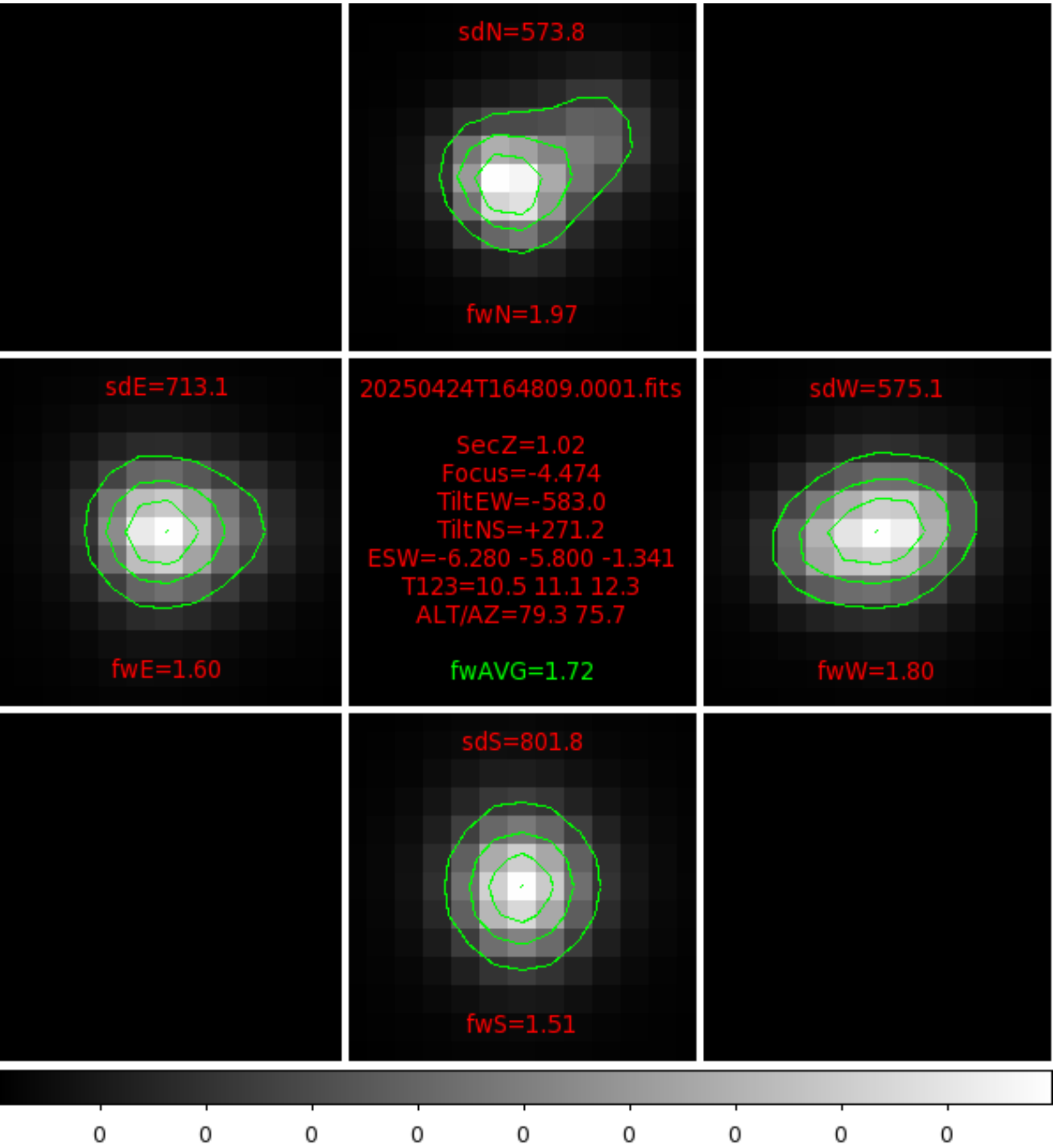
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=79.3 75.7
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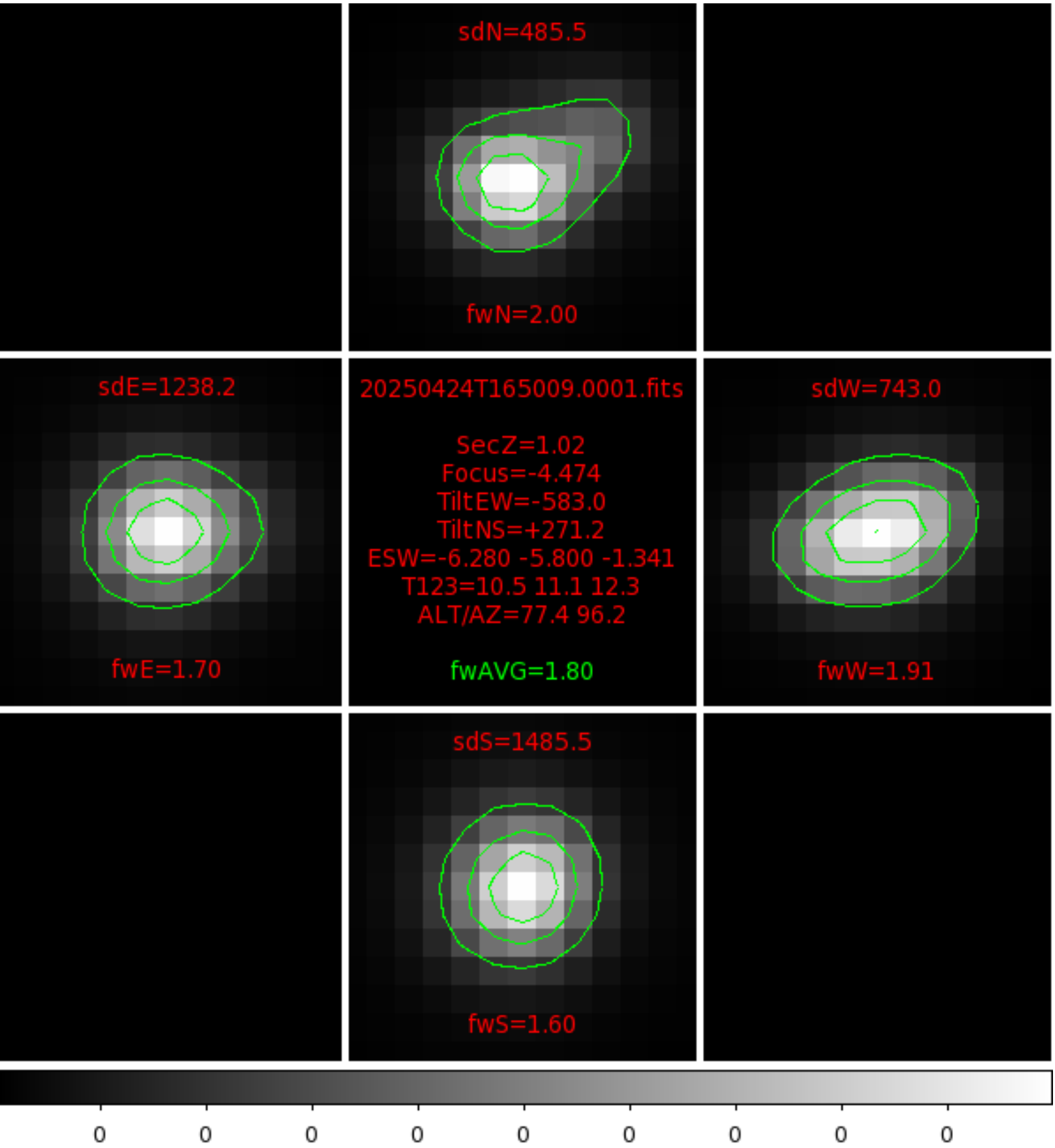
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SecZ=1.02
Focus=-4.474
TiltEW=-583.0
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ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=77.4 96.2
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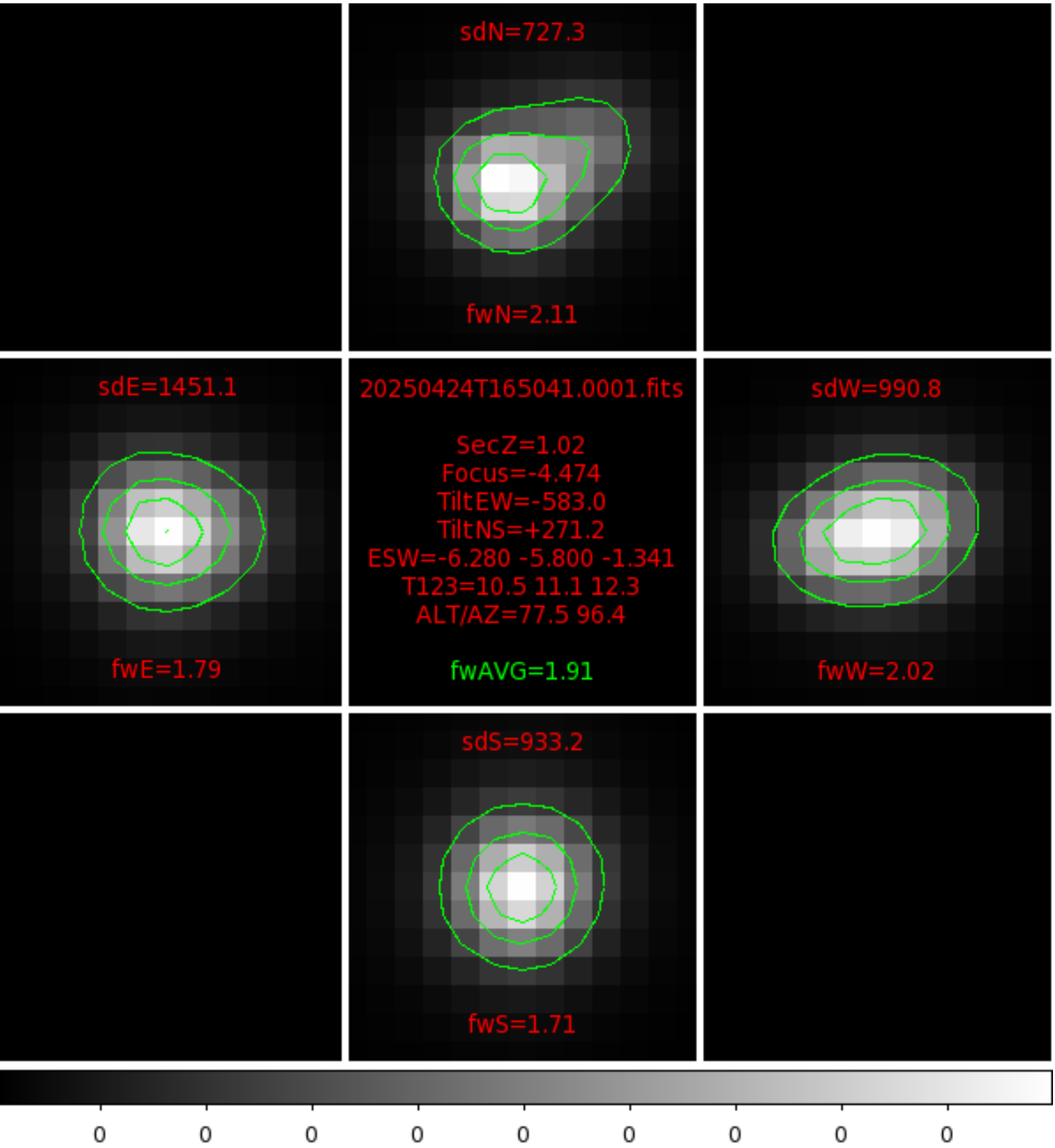
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SecZ=1.02
Focus=-4.474
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=77.5 96.4
fwAVG=1.91
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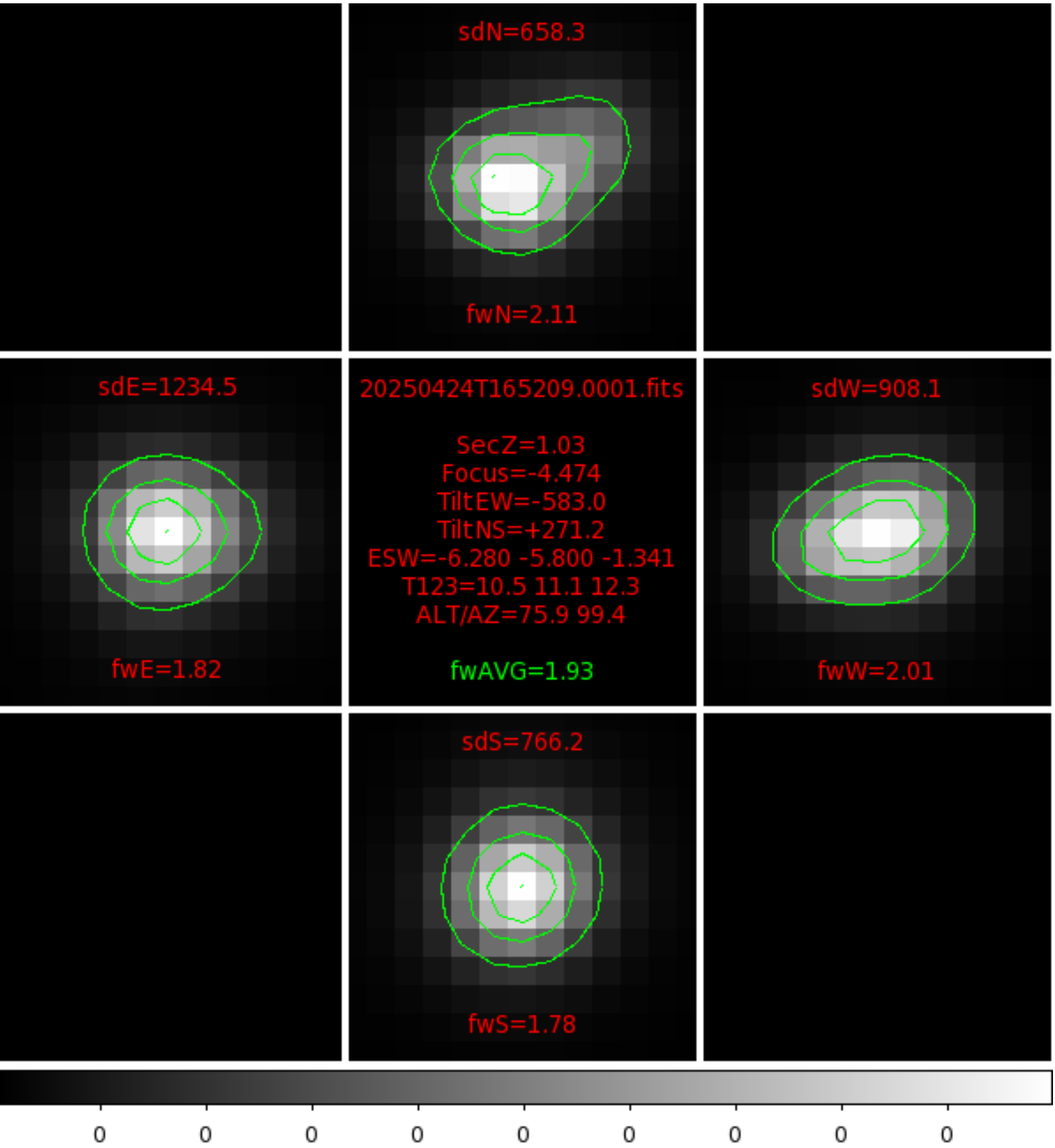
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=75.9 99.4
fwAVG=1.93
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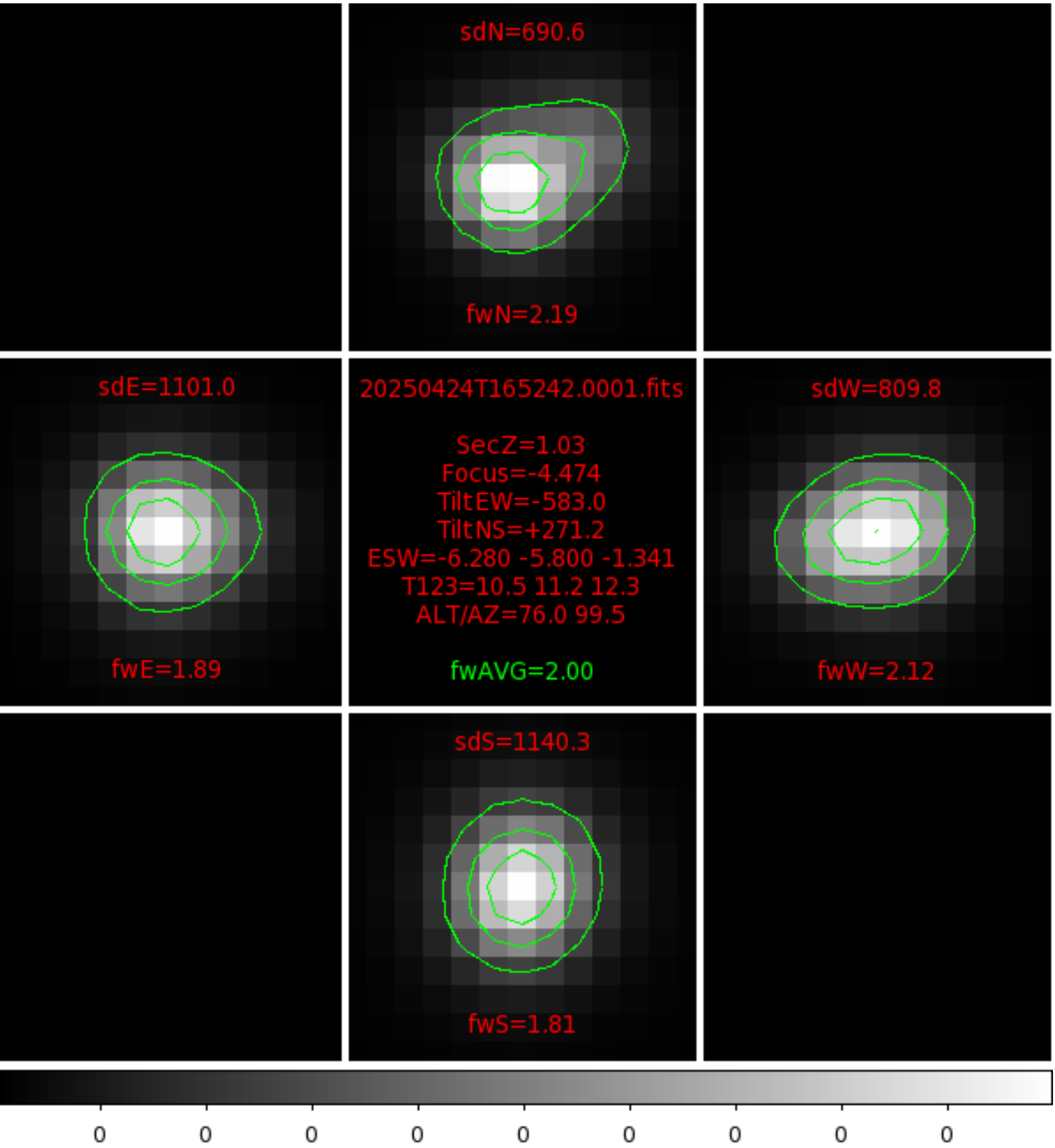
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SecZ=1.03
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.2 12.3
ALT/AZ=76.0 99.5
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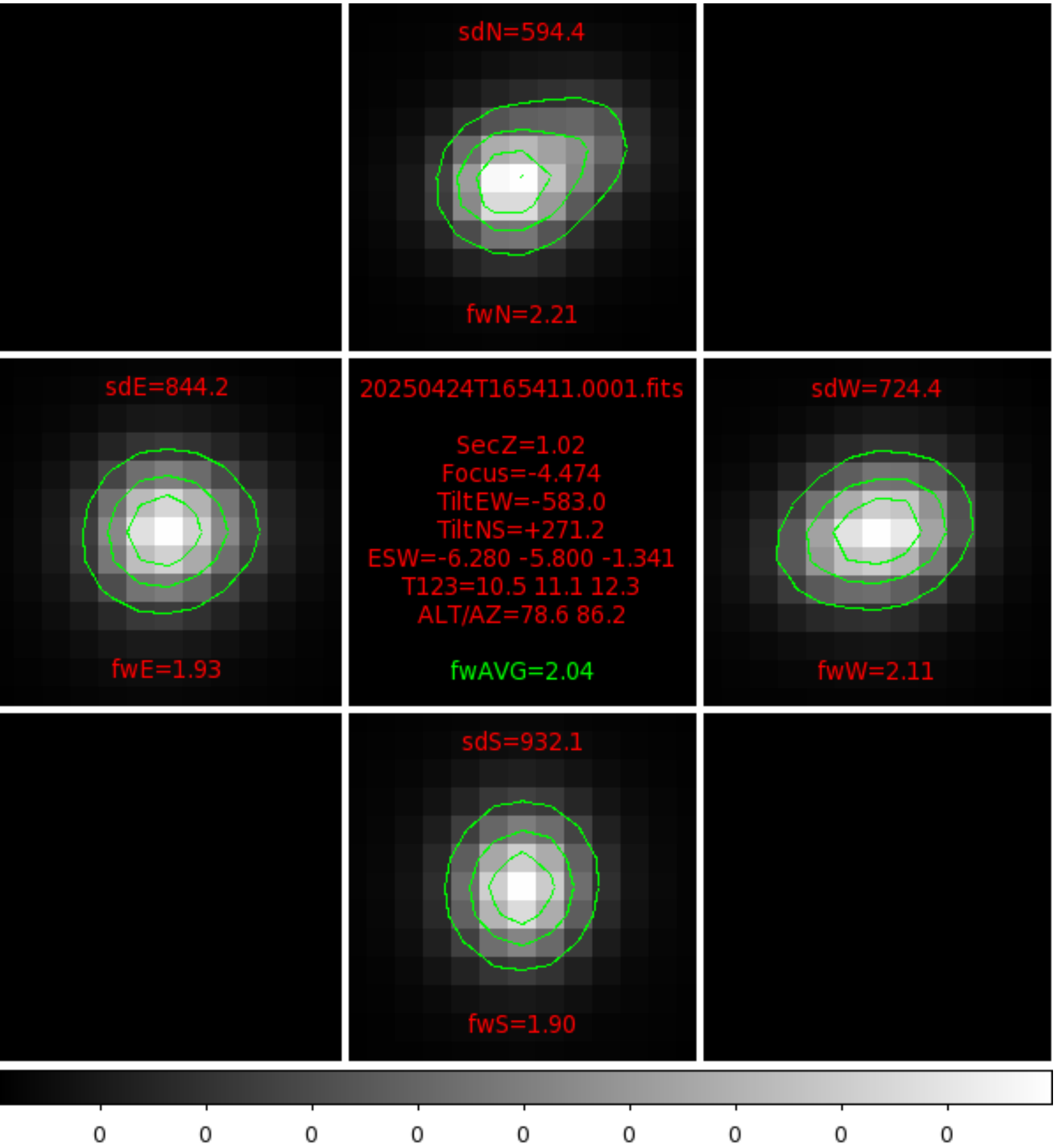
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TiltNS=+271.2
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T123=10.5 11.1 12.3
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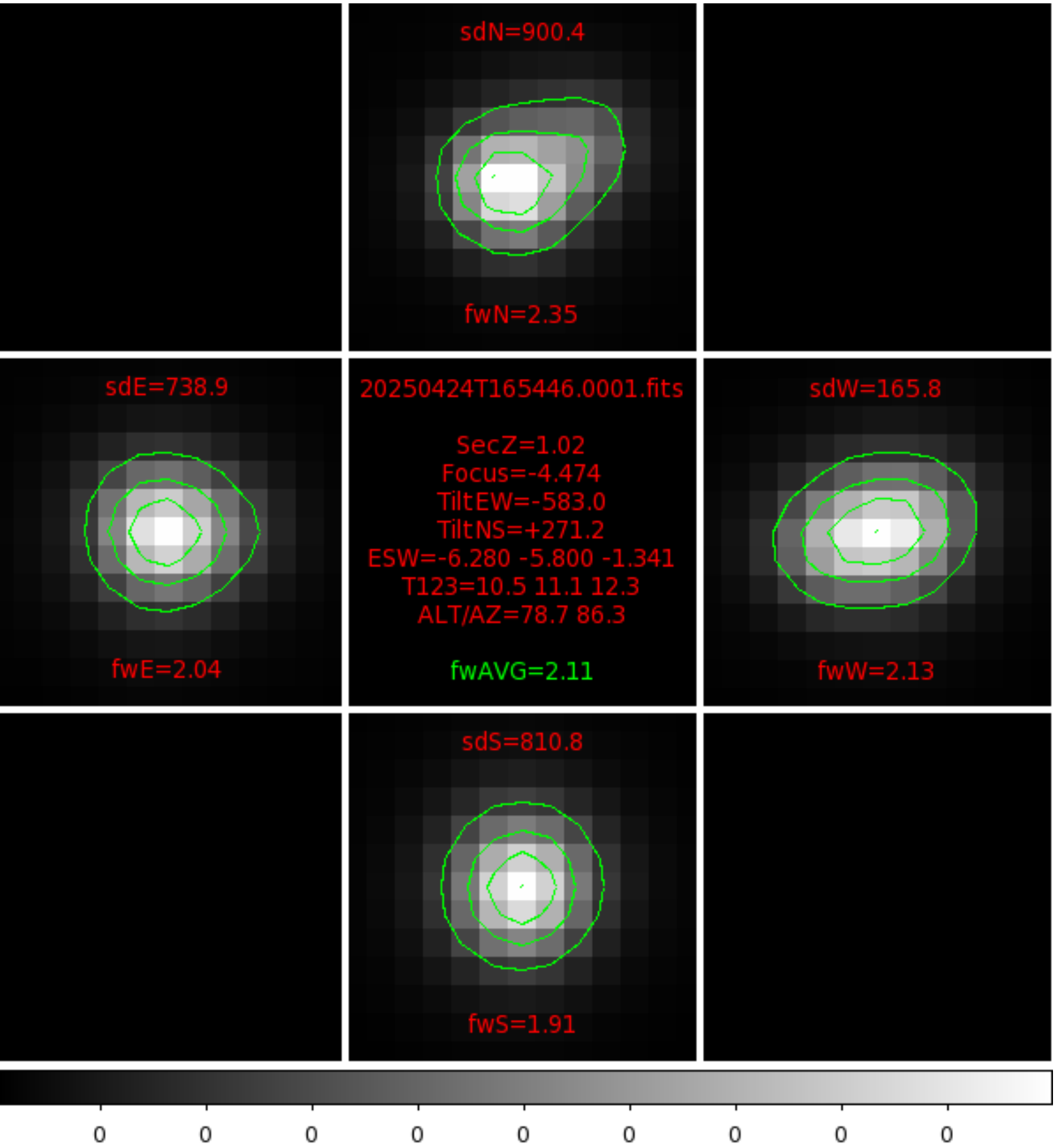
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=78.7 86.3
fwAVG=2.11
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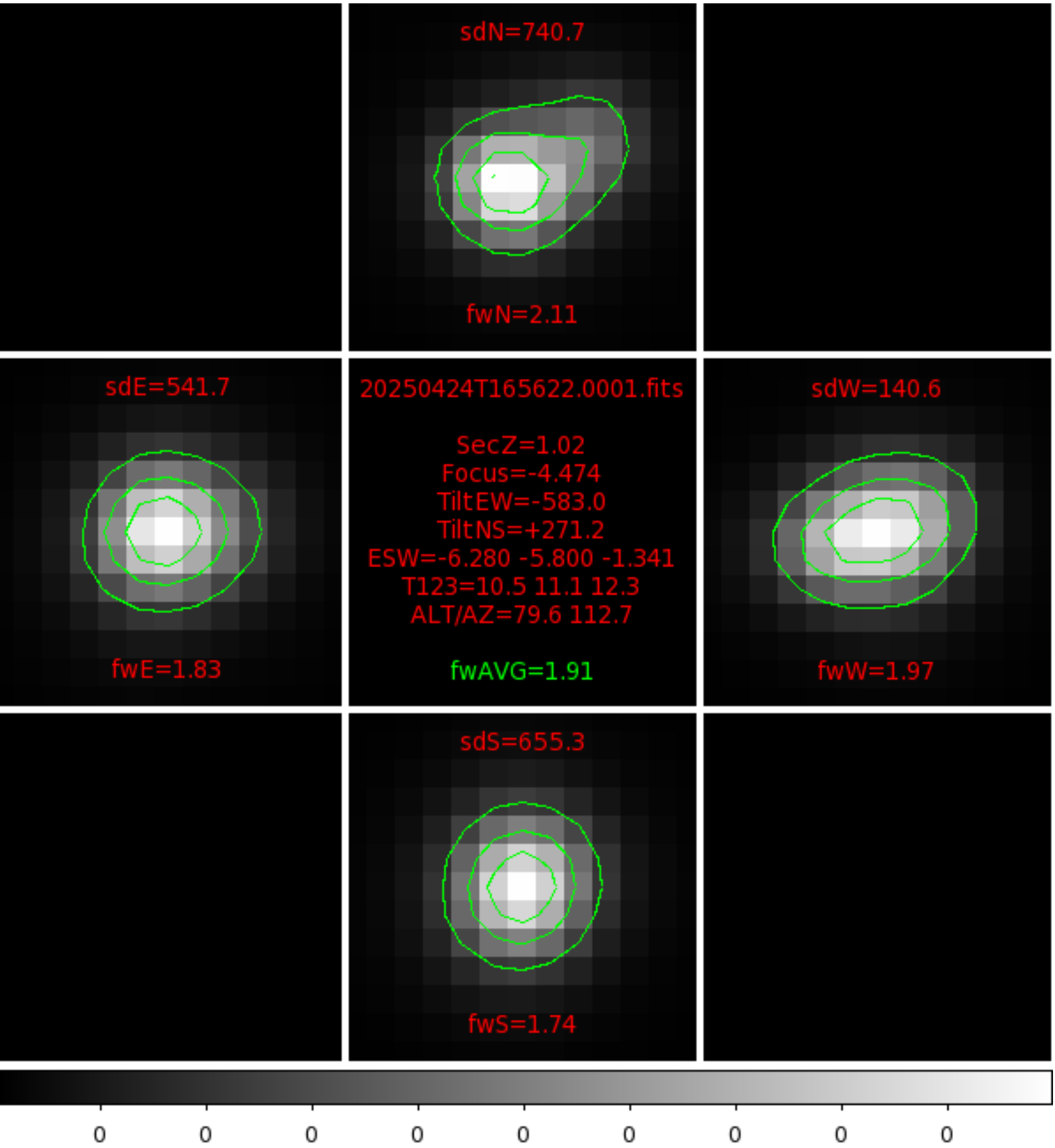
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
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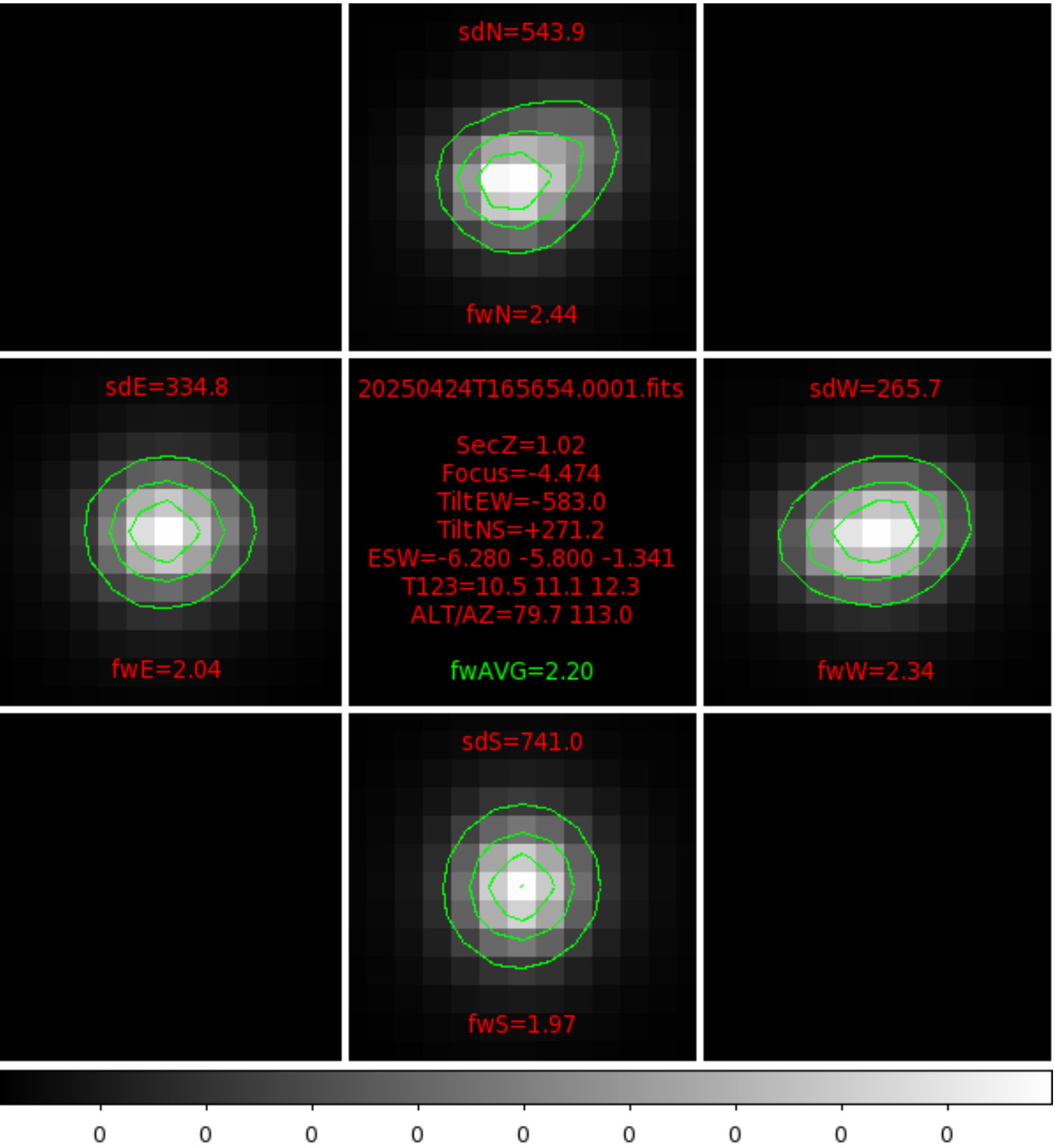
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ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=79.7 113.0
fwAVG=2.20
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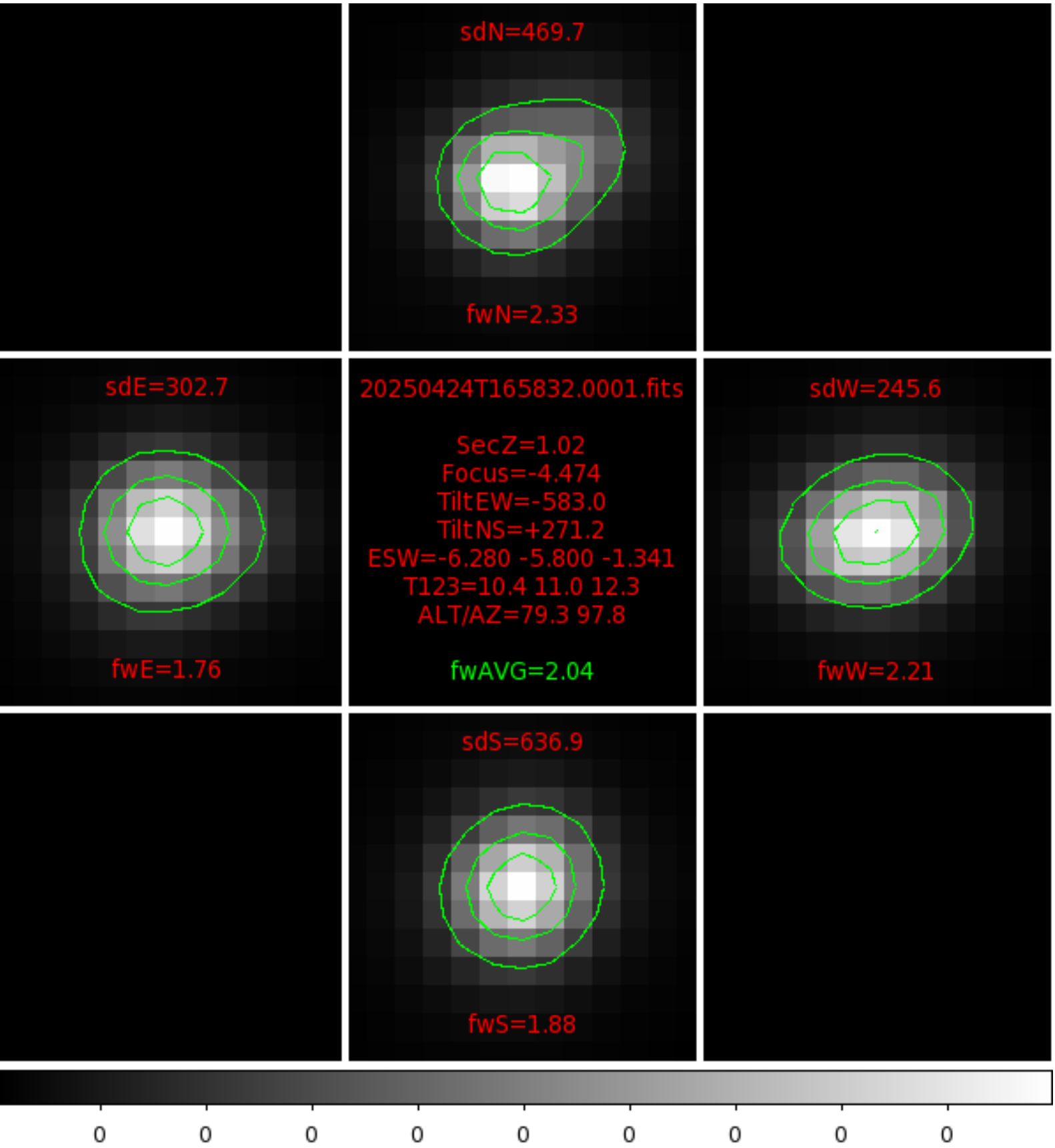
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sdE=302.7
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SecZ=1.02
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.4 11.0 12.3
ALT/AZ=79.3 97.8
fwAVG=2.04
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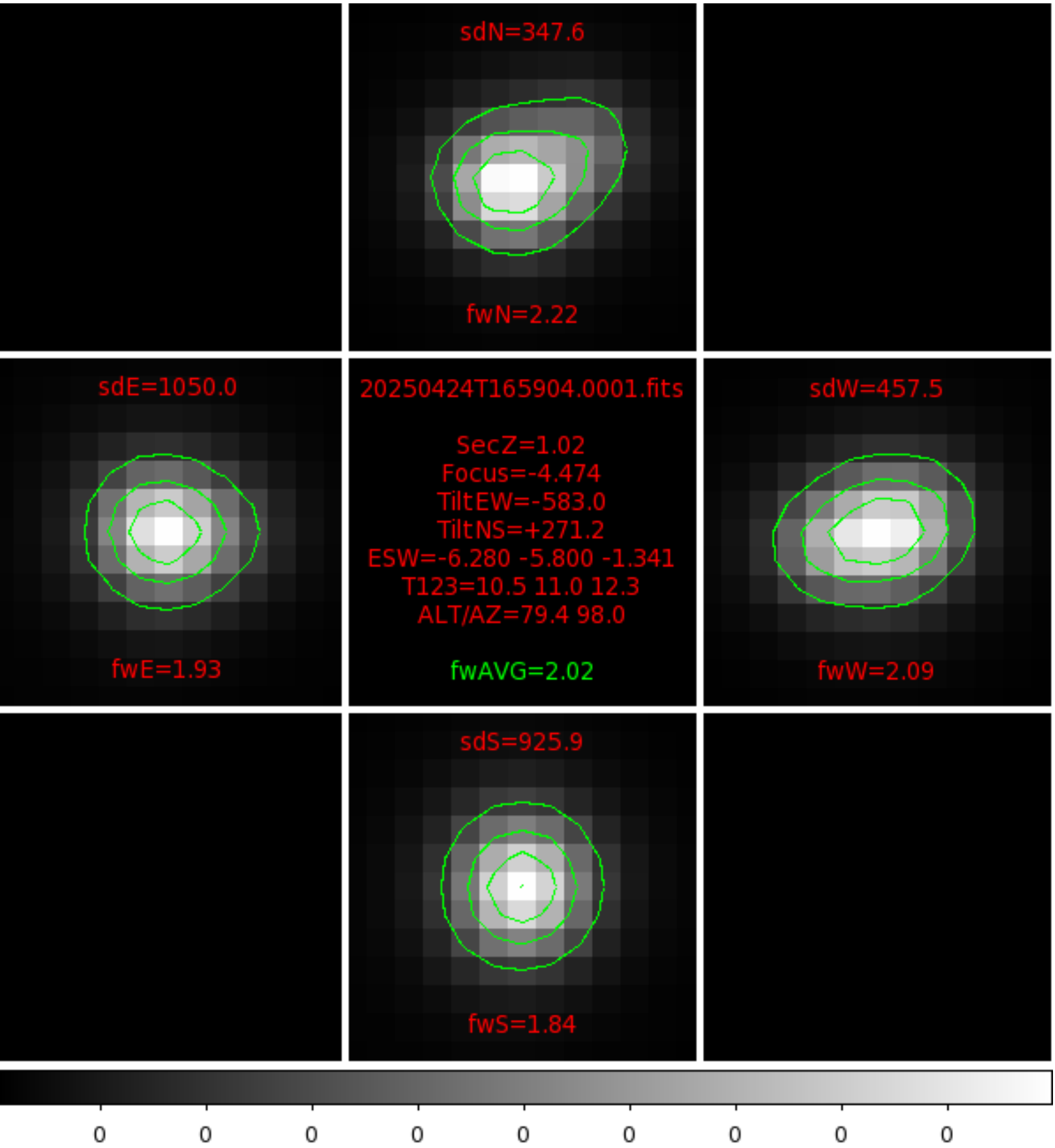
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.0 12.3
ALT/AZ=79.4 98.0
fwAVG=2.02
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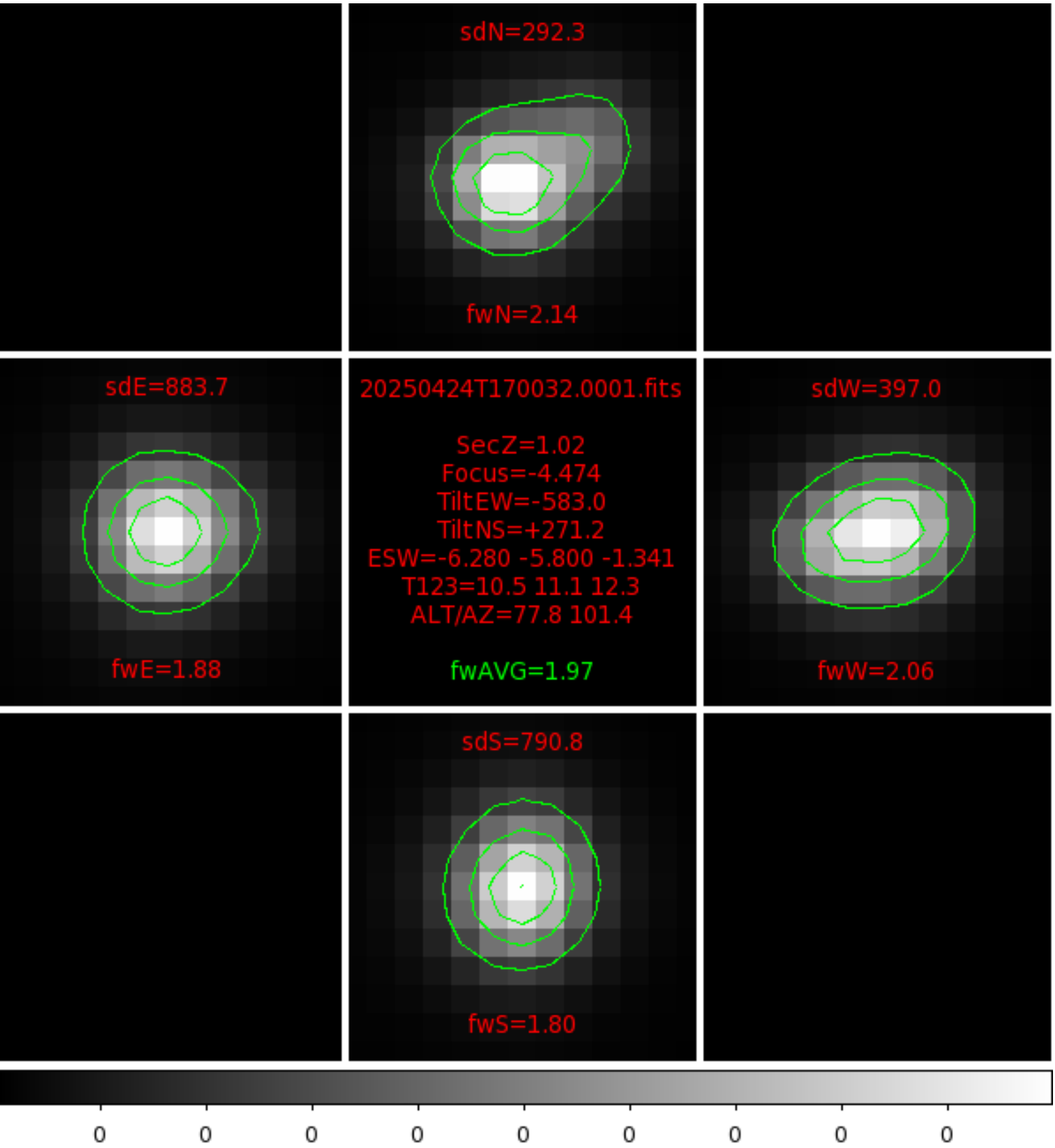
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SecZ=1.02
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=77.8 101.4
fwAVG=1.97
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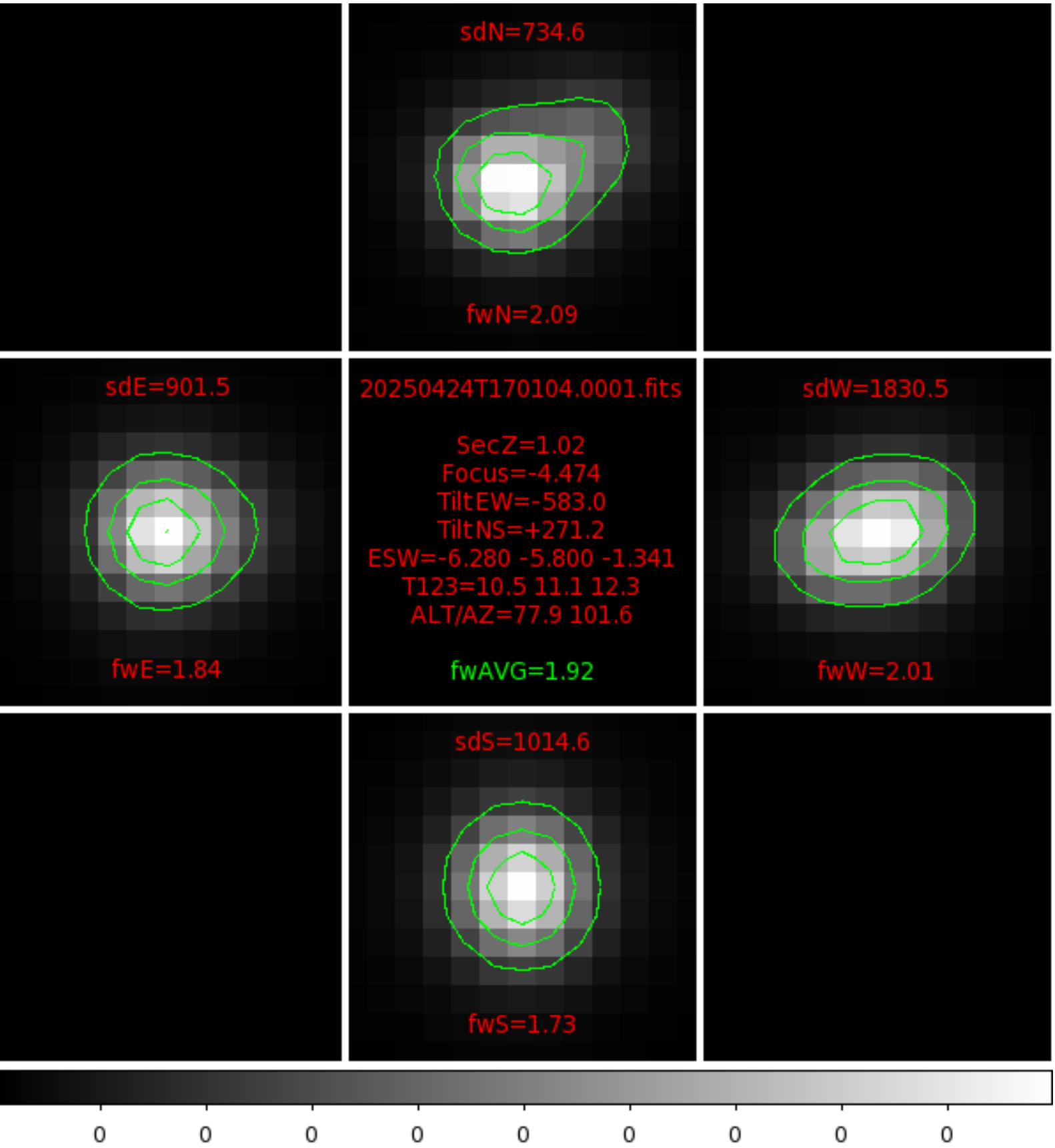
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SecZ=1.02
Focus=-4.474
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=77.9 101.6
fwAVG=1.92
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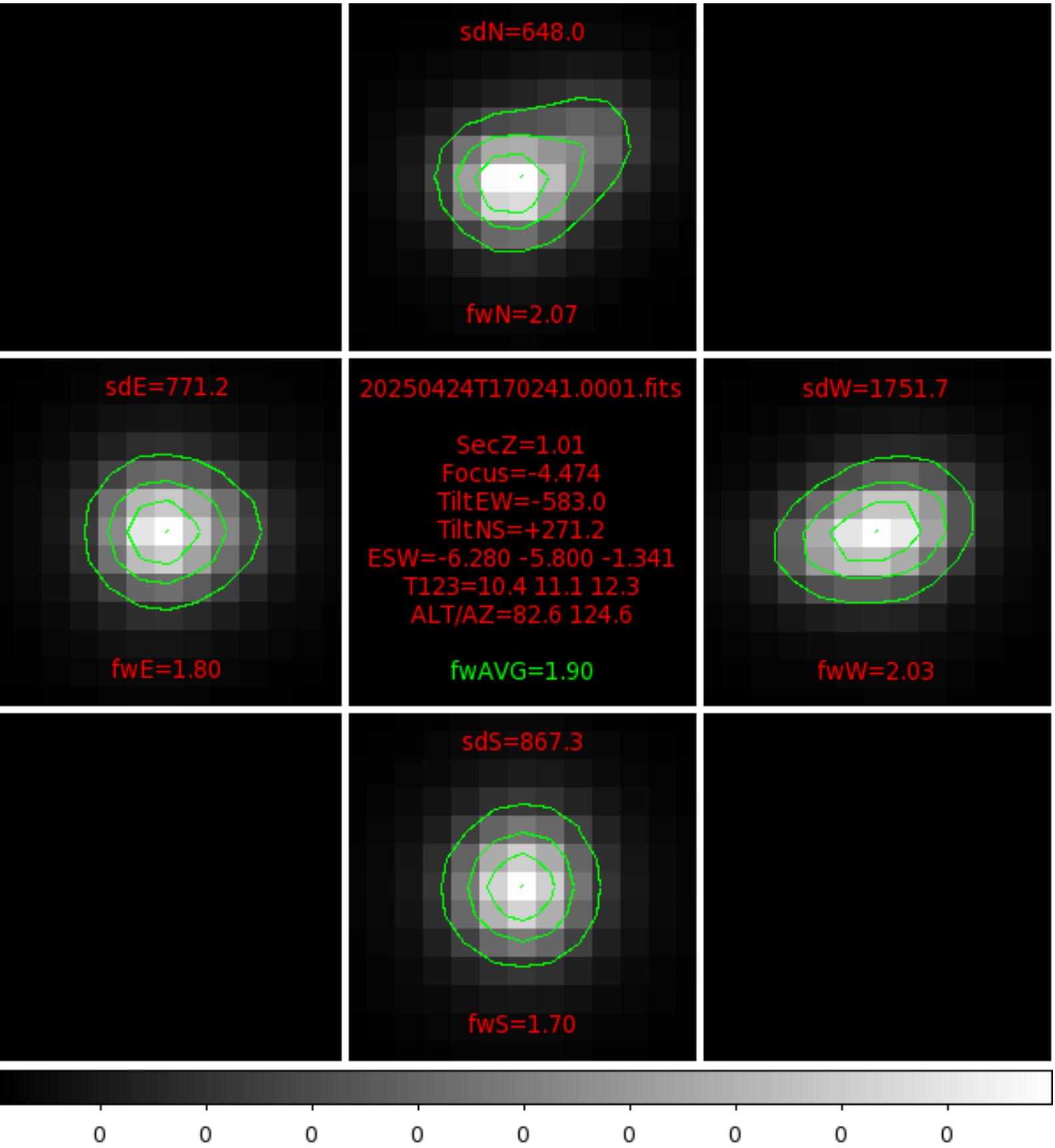
sdN=648.0
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SecZ=1.01
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.4 11.1 12.3
ALT/AZ=82.6 124.6
fwAVG=1.90
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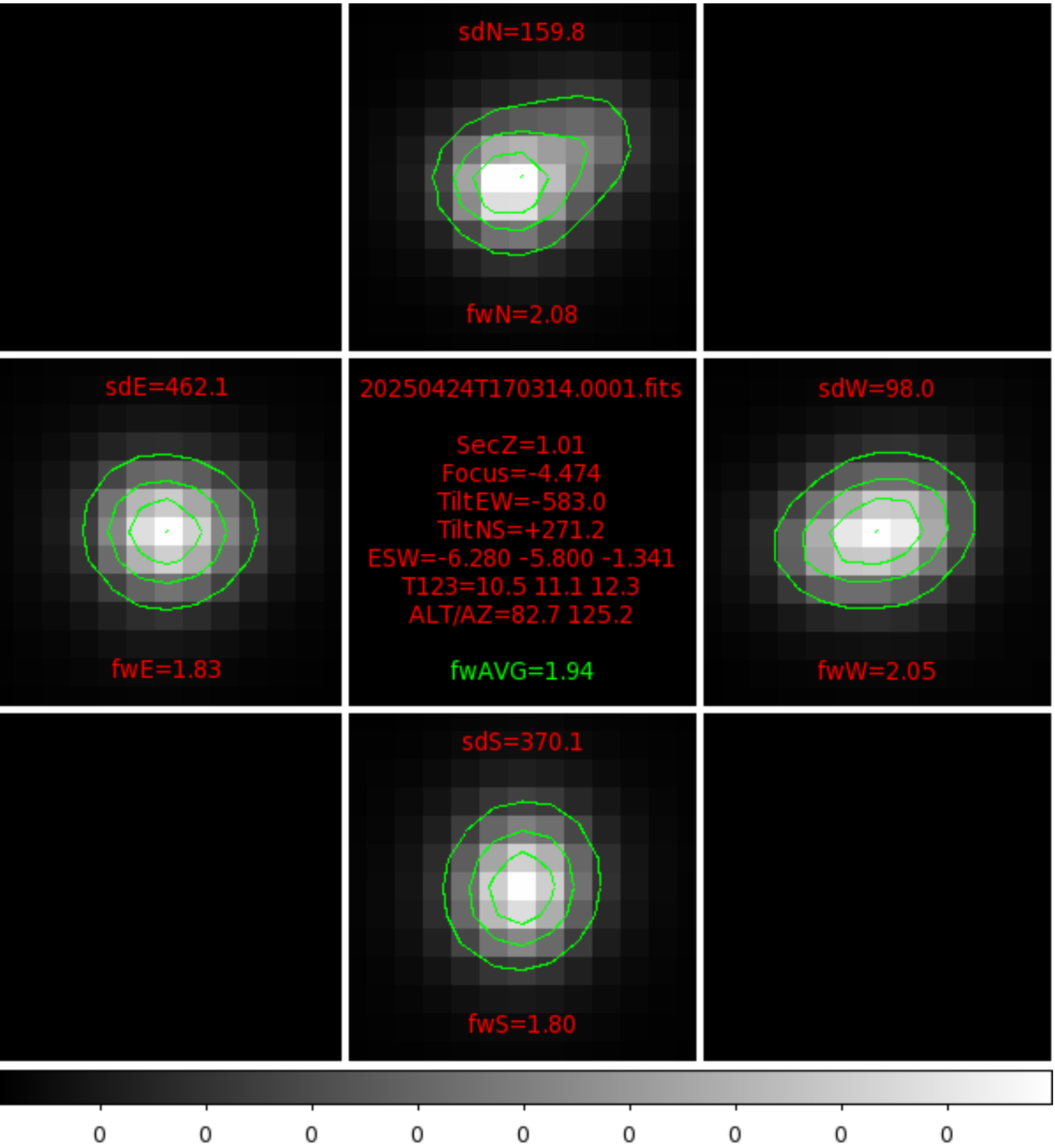
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sdE=462.1
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SecZ=1.01
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=82.7 125.2
fwAVG=1.94
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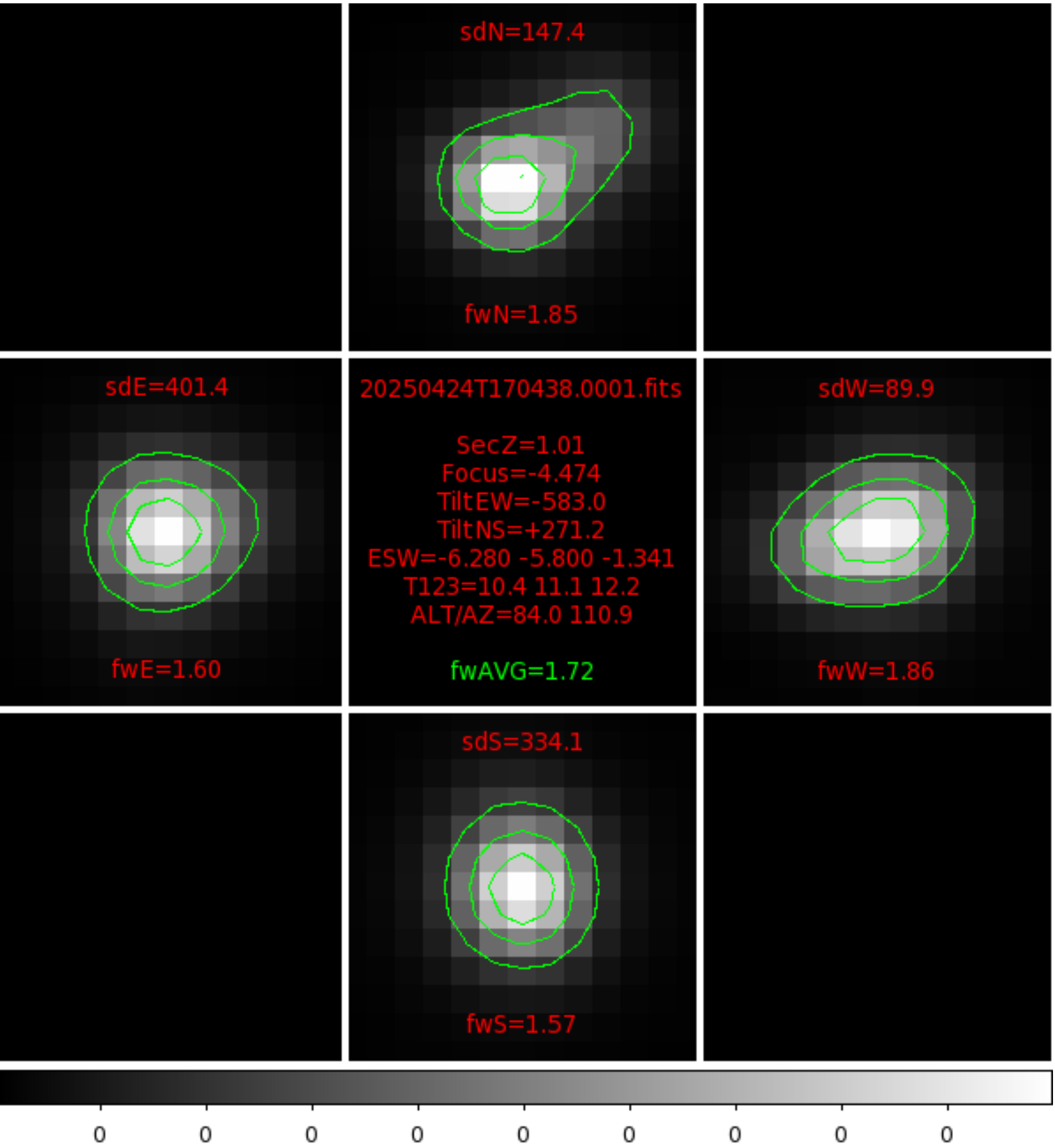
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SecZ=1.01
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.4 11.1 12.2
ALT/AZ=84.0 110.9
fwAVG=1.72
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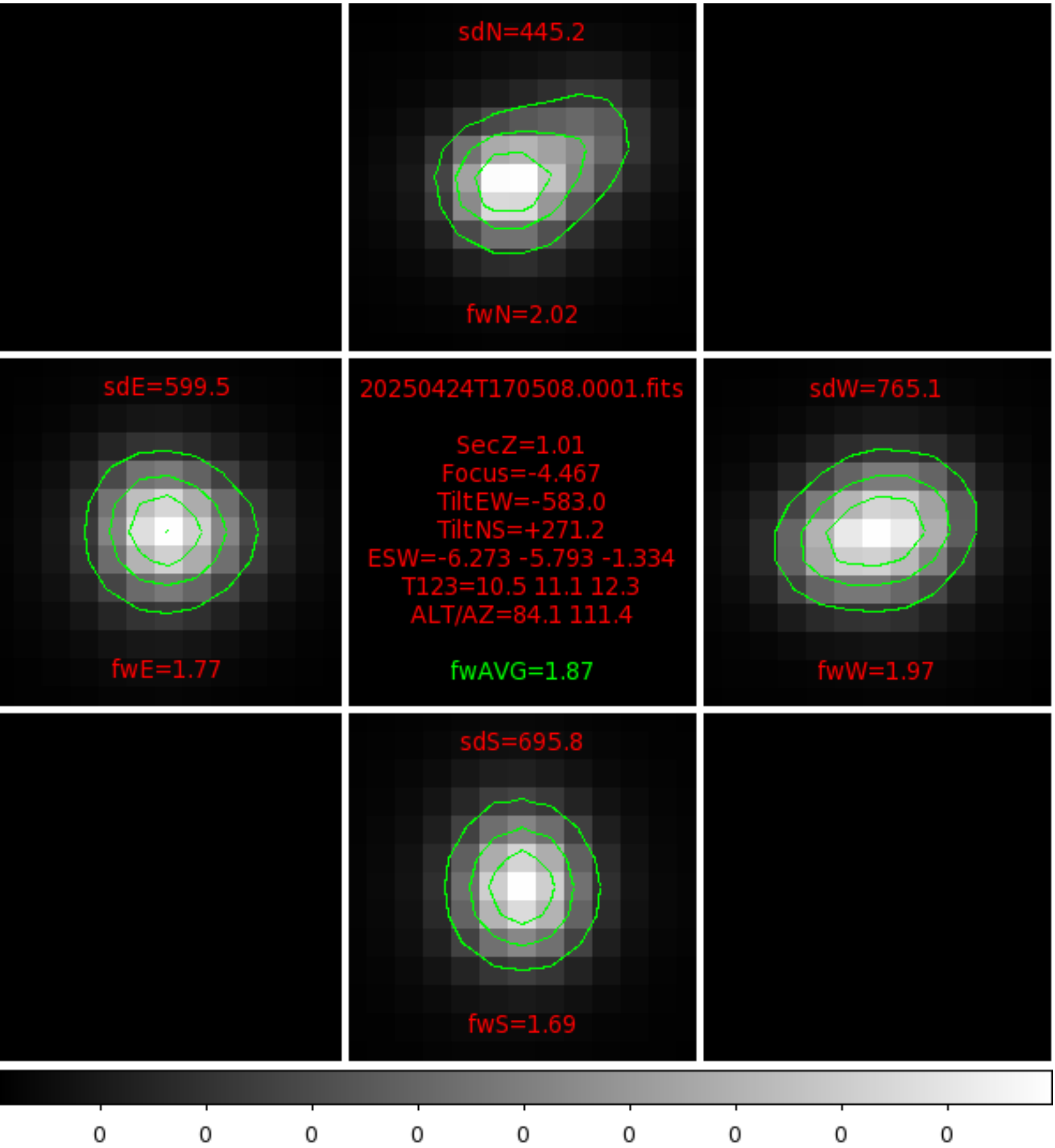
sdN=445.2
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sdE=599.5
fwE=1.77
20250424T170508.0001.fits
SecZ=1.01
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.5 11.1 12.3
ALT/AZ=84.1 111.4
fwAVG=1.87
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sdS=695.8
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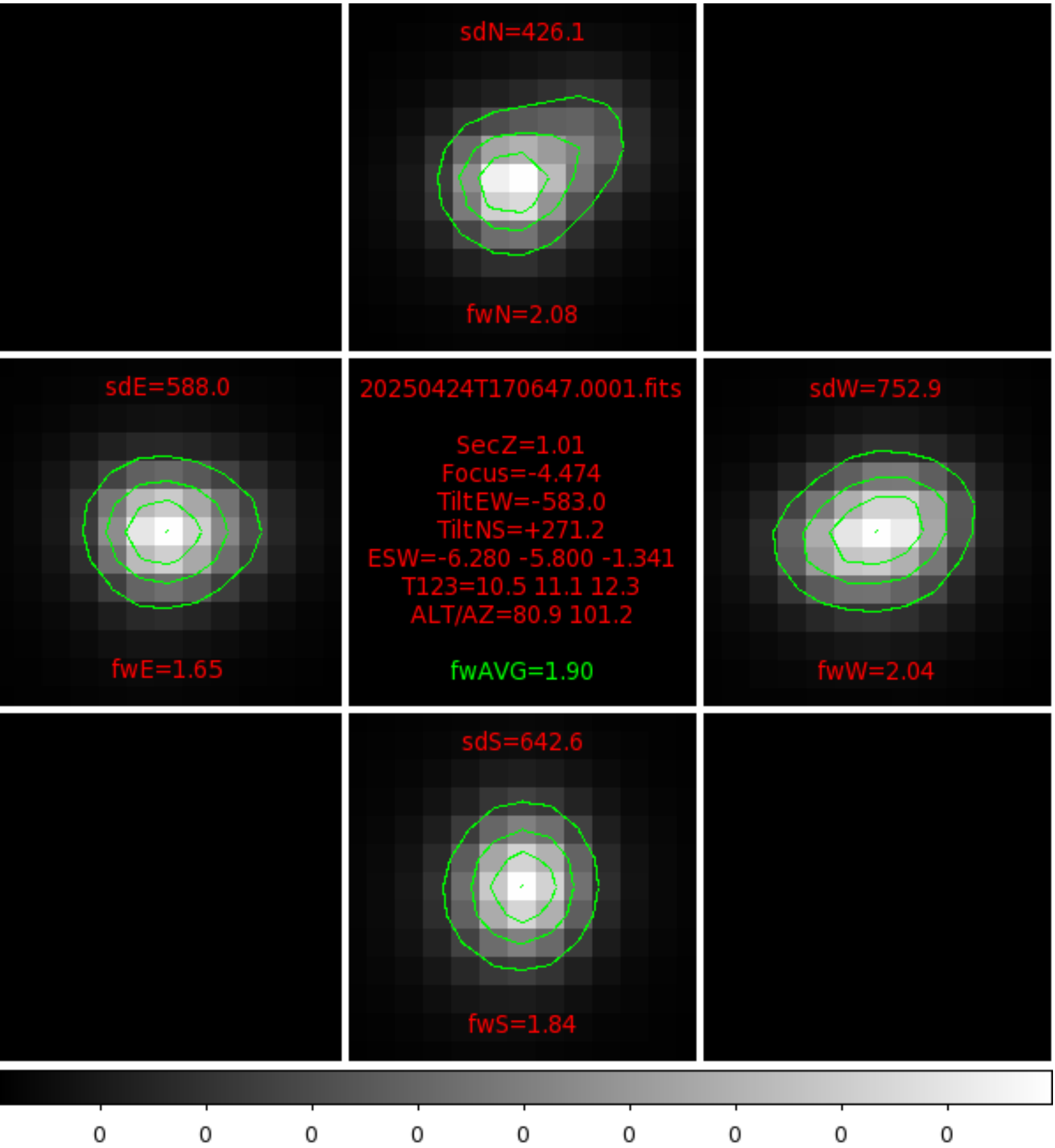
sdN=426.1
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SecZ=1.01
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=80.9 101.2
fwAVG=1.90
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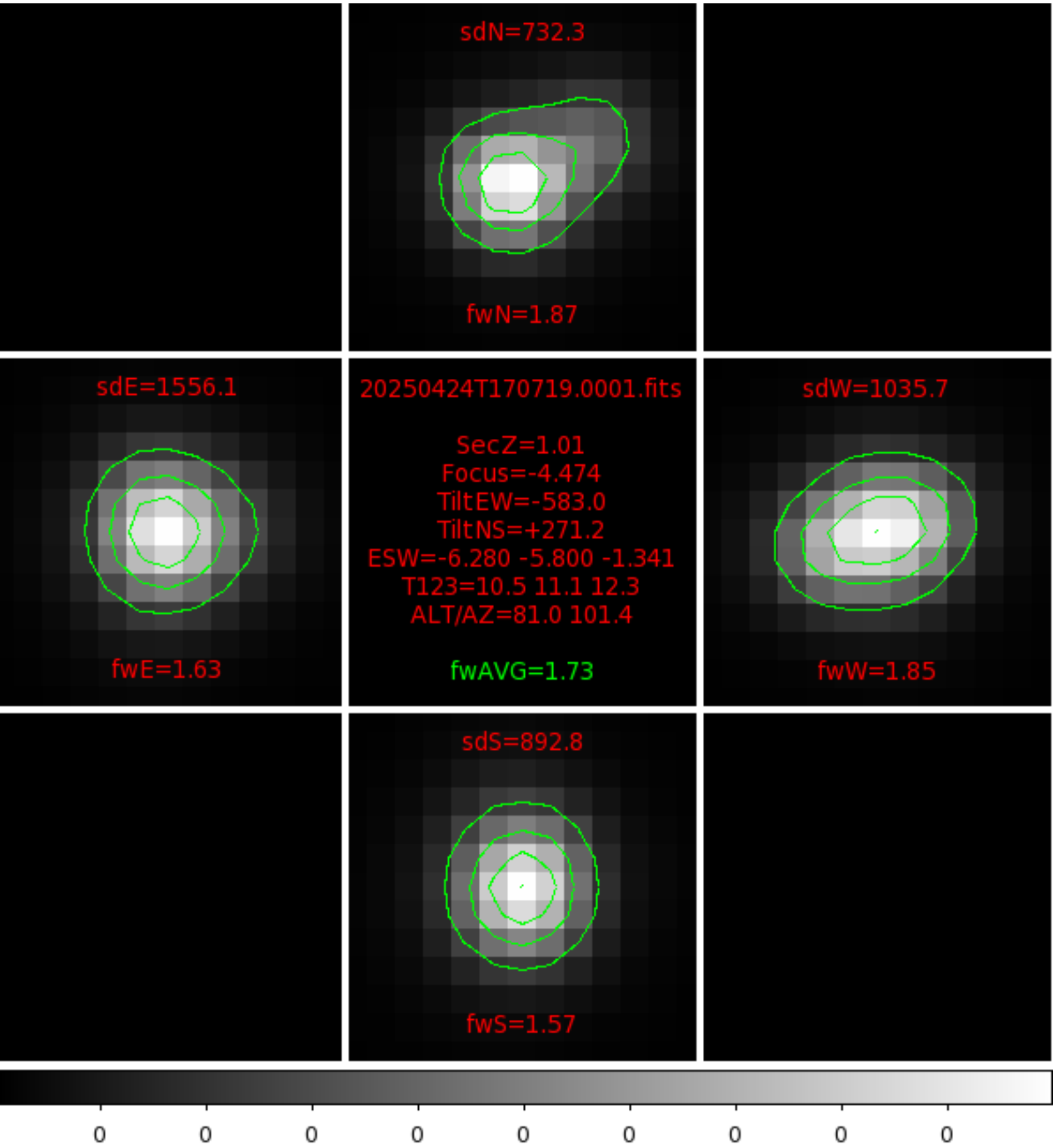
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SecZ=1.01
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.3
ALT/AZ=81.0 101.4
fwAVG=1.73
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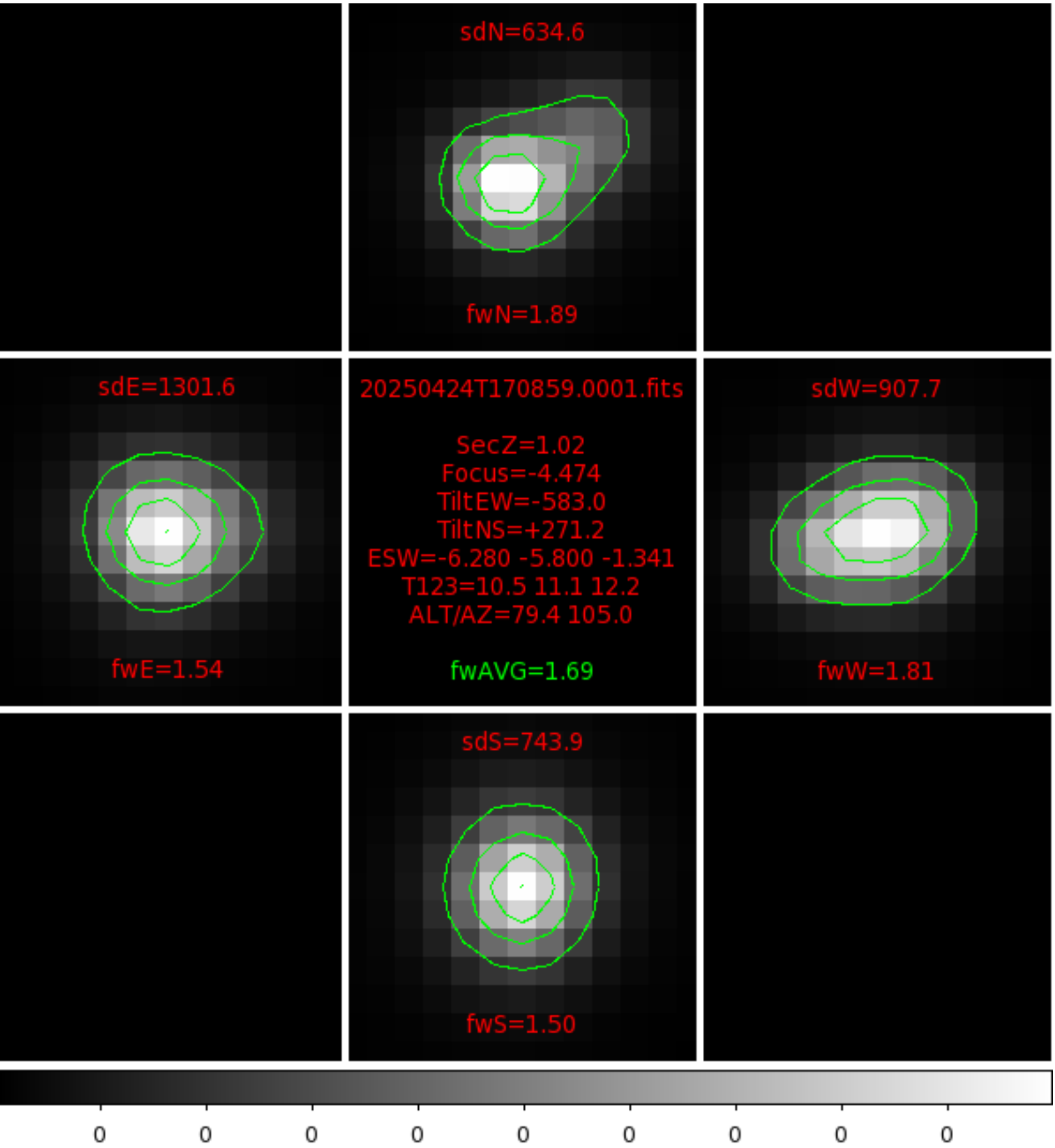
sdN=634.6
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sdE=1301.6
fwE=1.54
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SecZ=1.02
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.5 11.1 12.2
ALT/AZ=79.4 105.0
fwAVG=1.69
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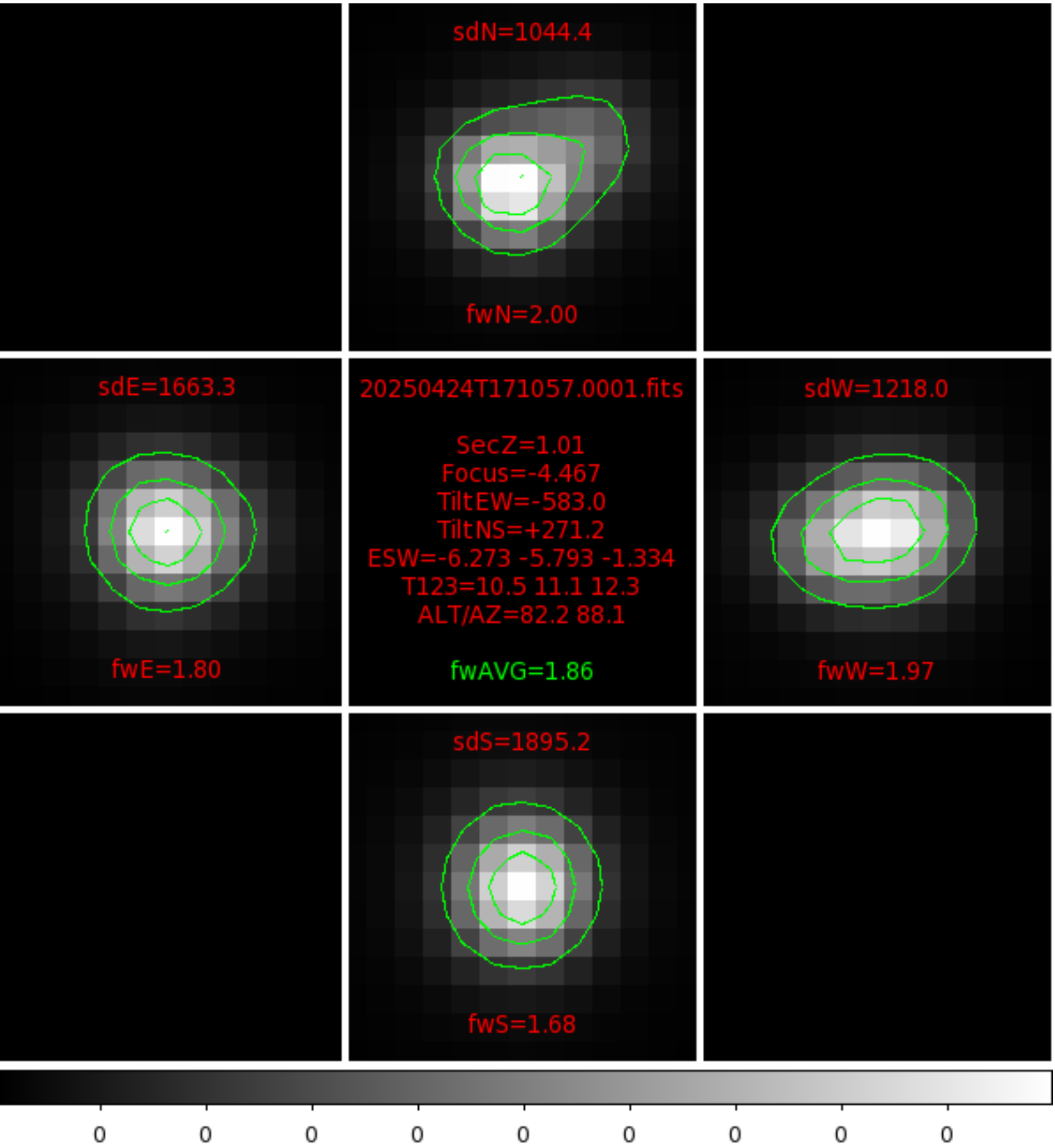
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sdE=1663.3
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SecZ=1.01
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.5 11.1 12.3
ALT/AZ=82.2 88.1
fwAVG=1.86
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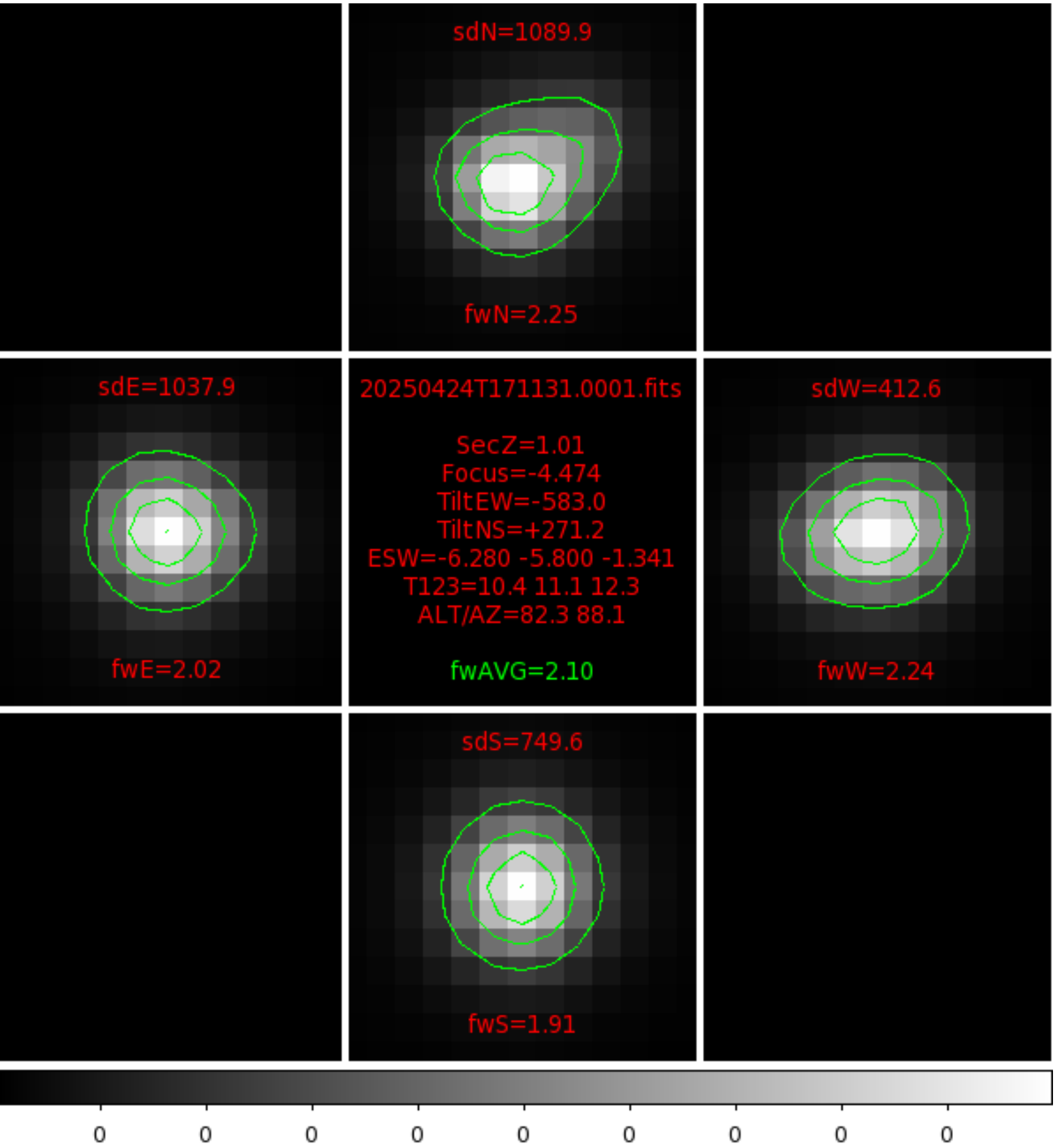
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SecZ=1.01
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.4 11.1 12.3
ALT/AZ=82.3 88.1
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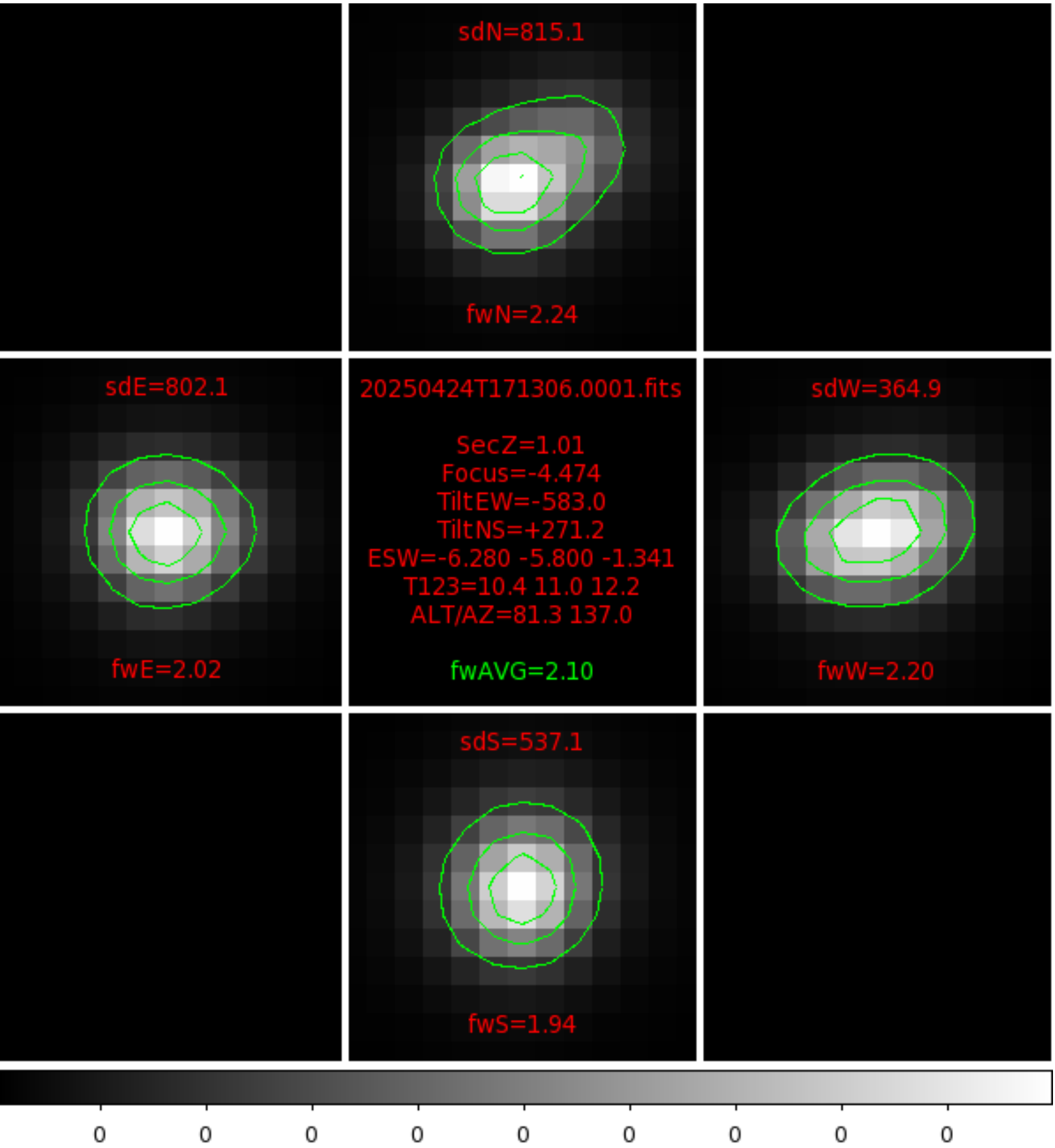
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SecZ=1.01
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.4 11.0 12.2
ALT/AZ=81.3 137.0
fwAVG=2.10
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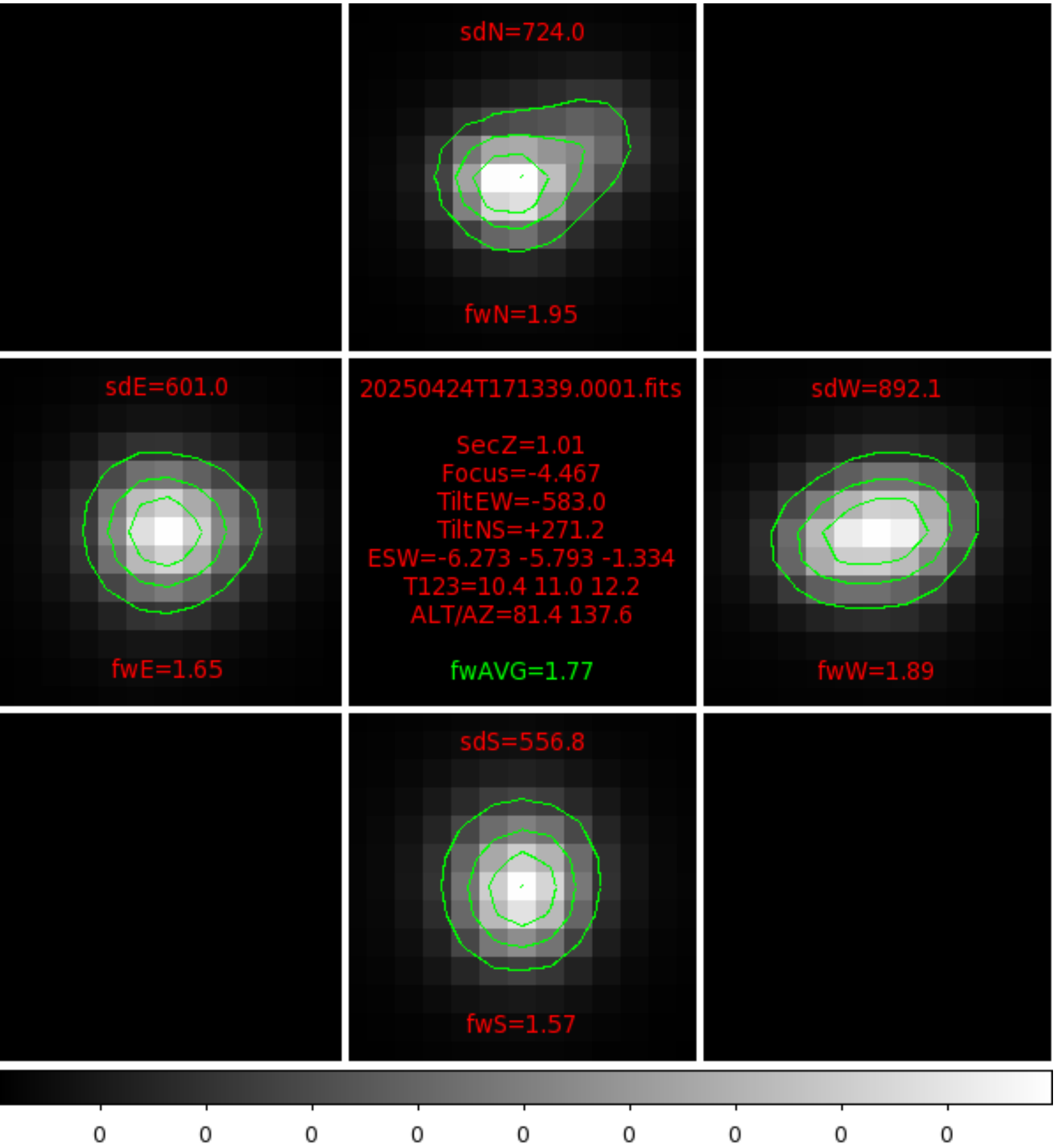
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SecZ=1.01
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.4 11.0 12.2
ALT/AZ=81.4 137.6
fwAVG=1.77
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fwW=1.89
sdS=556.8
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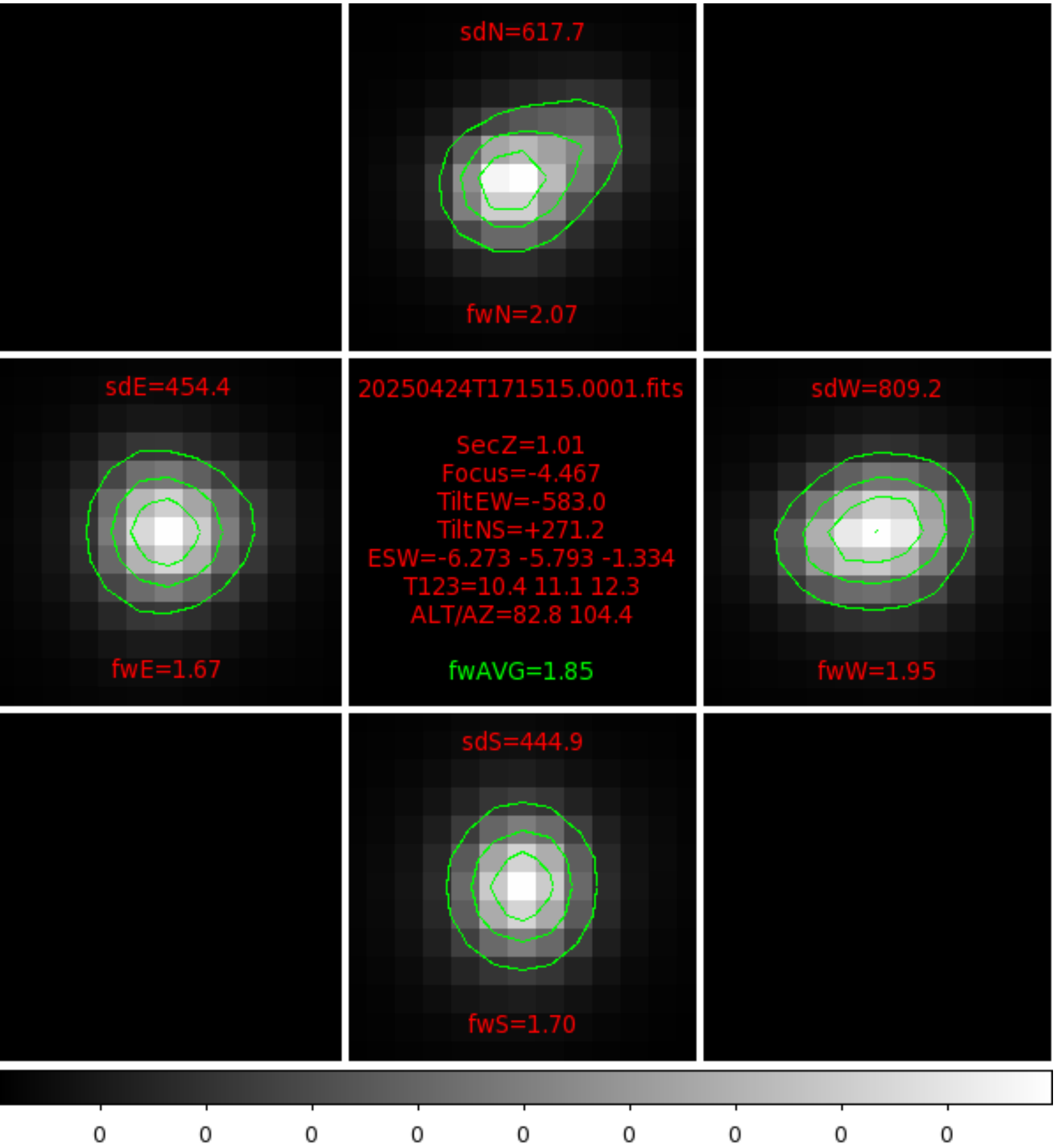
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sdE=454.4
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SecZ=1.01
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.4 11.1 12.3
ALT/AZ=82.8 104.4
fwAVG=1.85
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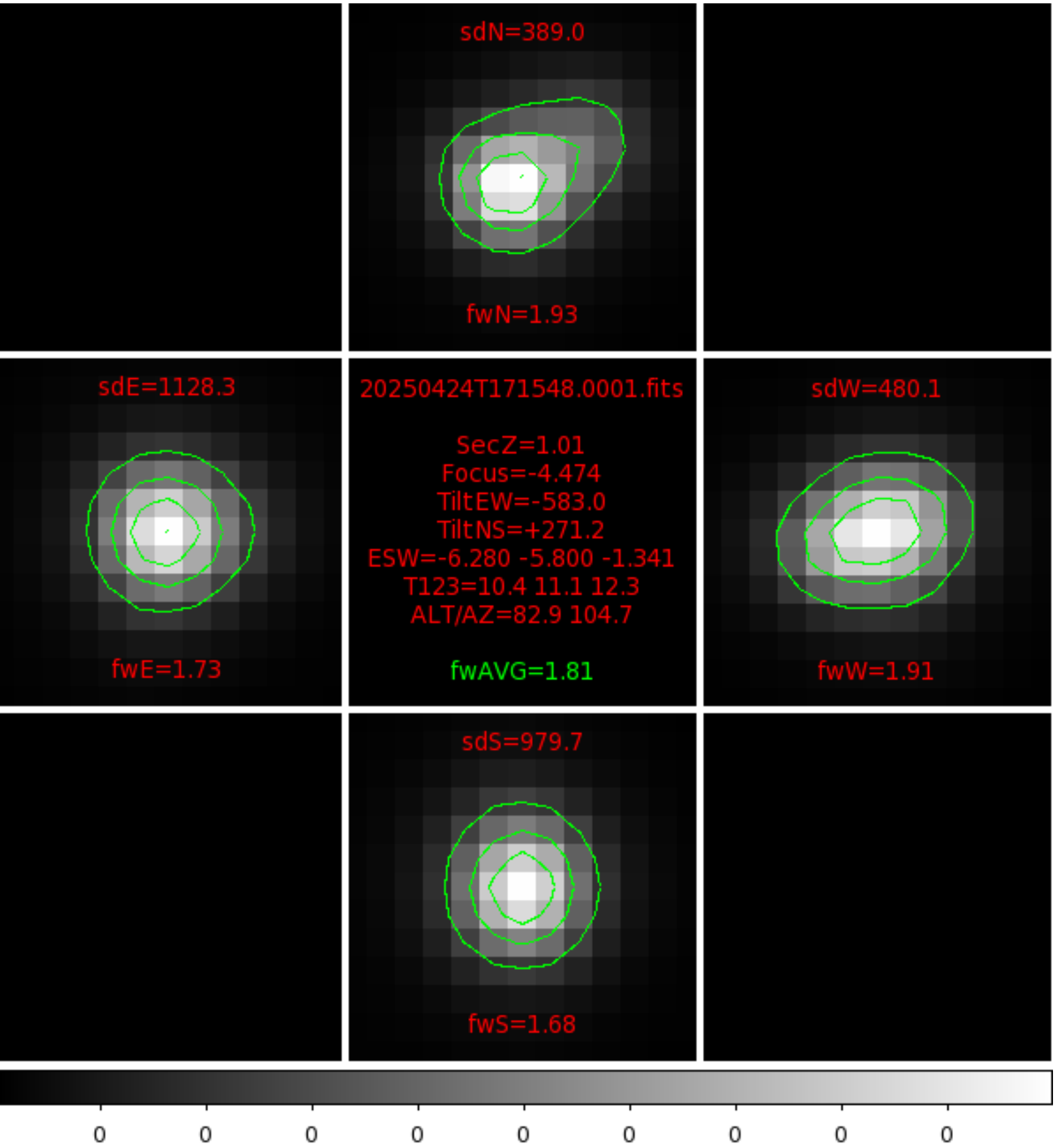
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SecZ=1.01
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.4 11.1 12.3
ALT/AZ=82.9 104.7
fwAVG=1.81
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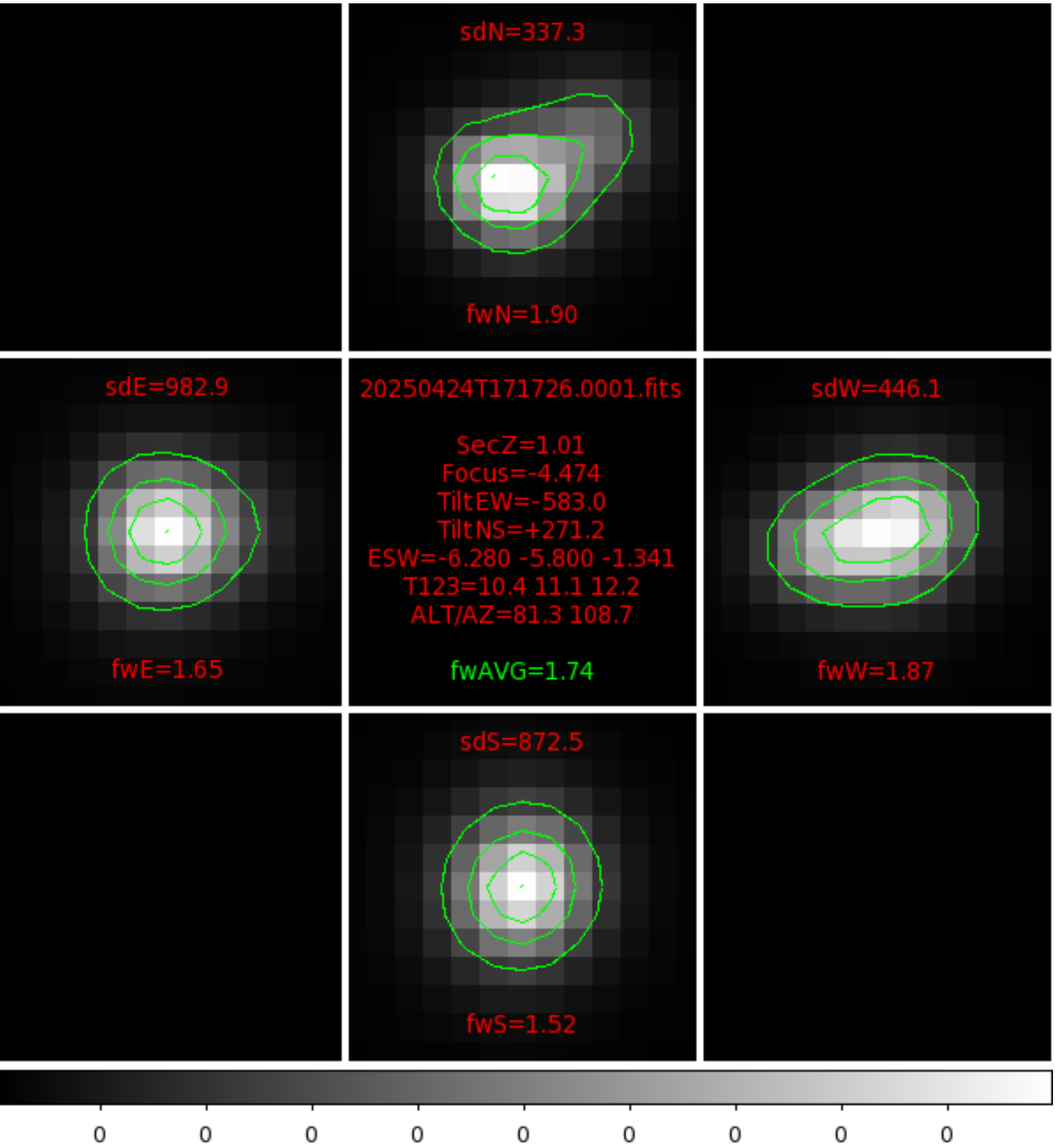
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SecZ=1.01
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.4 11.1 12.2
ALT/AZ=81.3 108.7
fwAVG=1.74
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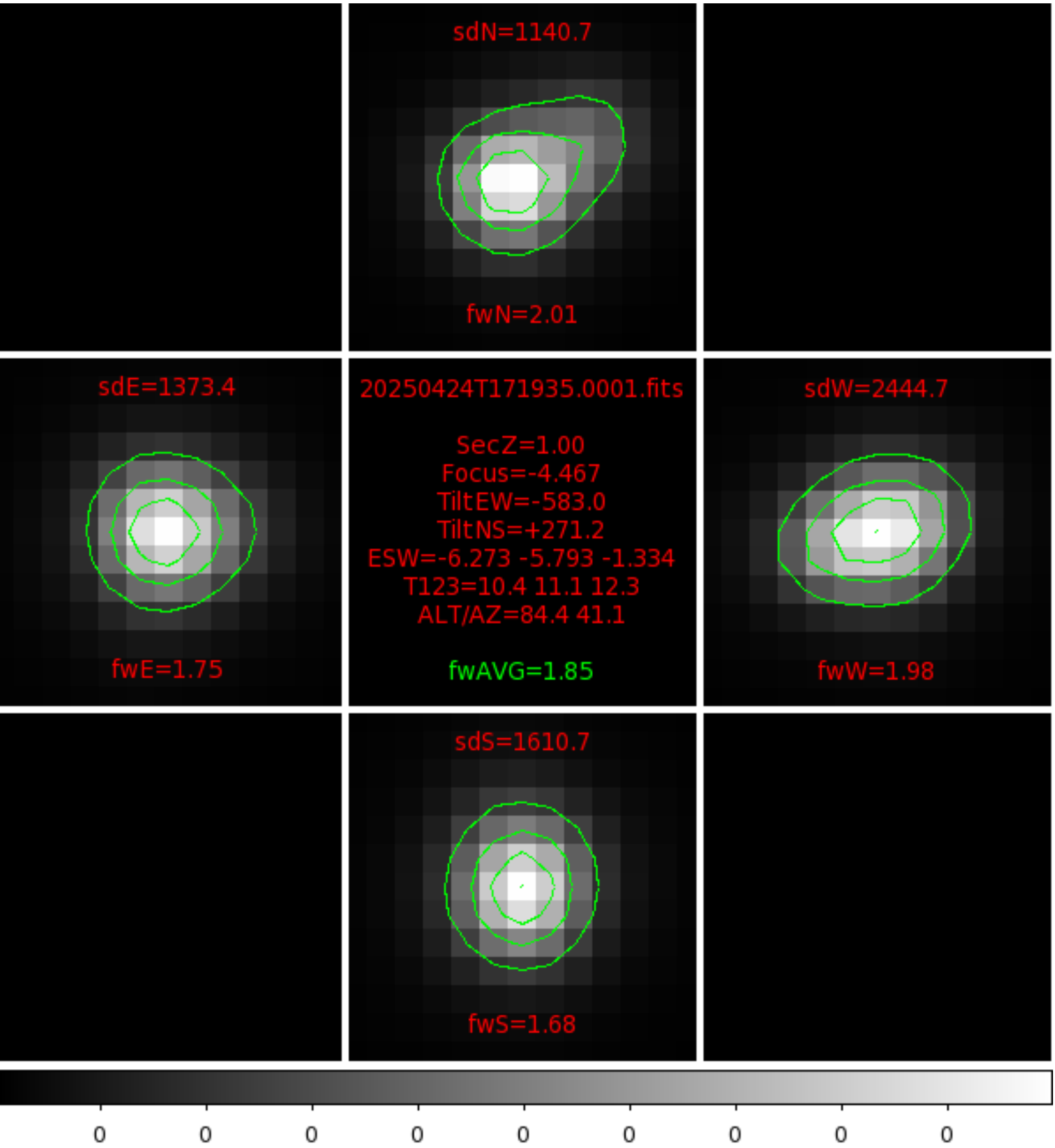
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SecZ=1.00
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.4 11.1 12.3
ALT/AZ=84.4 41.1
fwAVG=1.85
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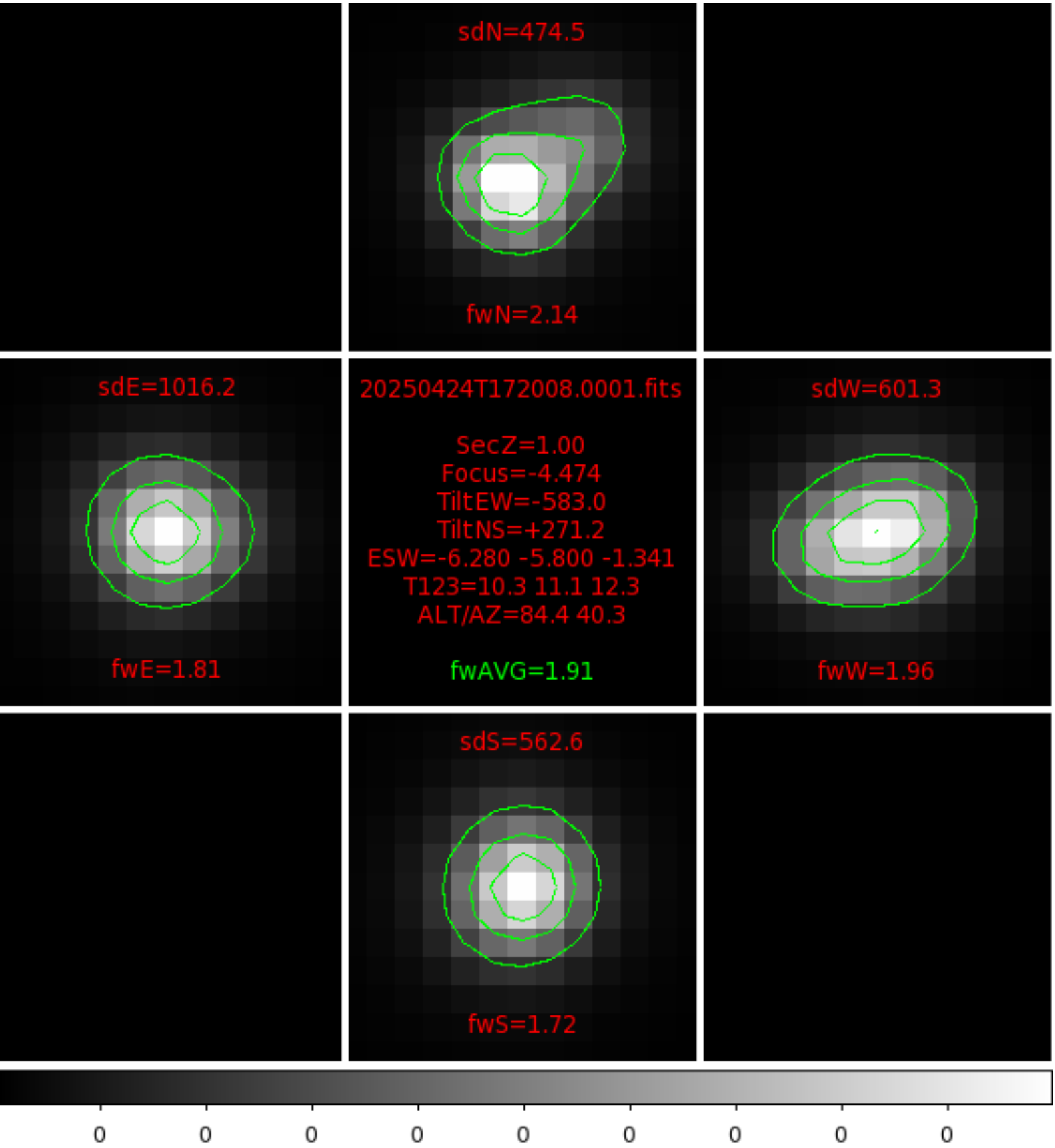
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SecZ=1.00
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.3 11.1 12.3
ALT/AZ=84.4 40.3
fwAVG=1.91
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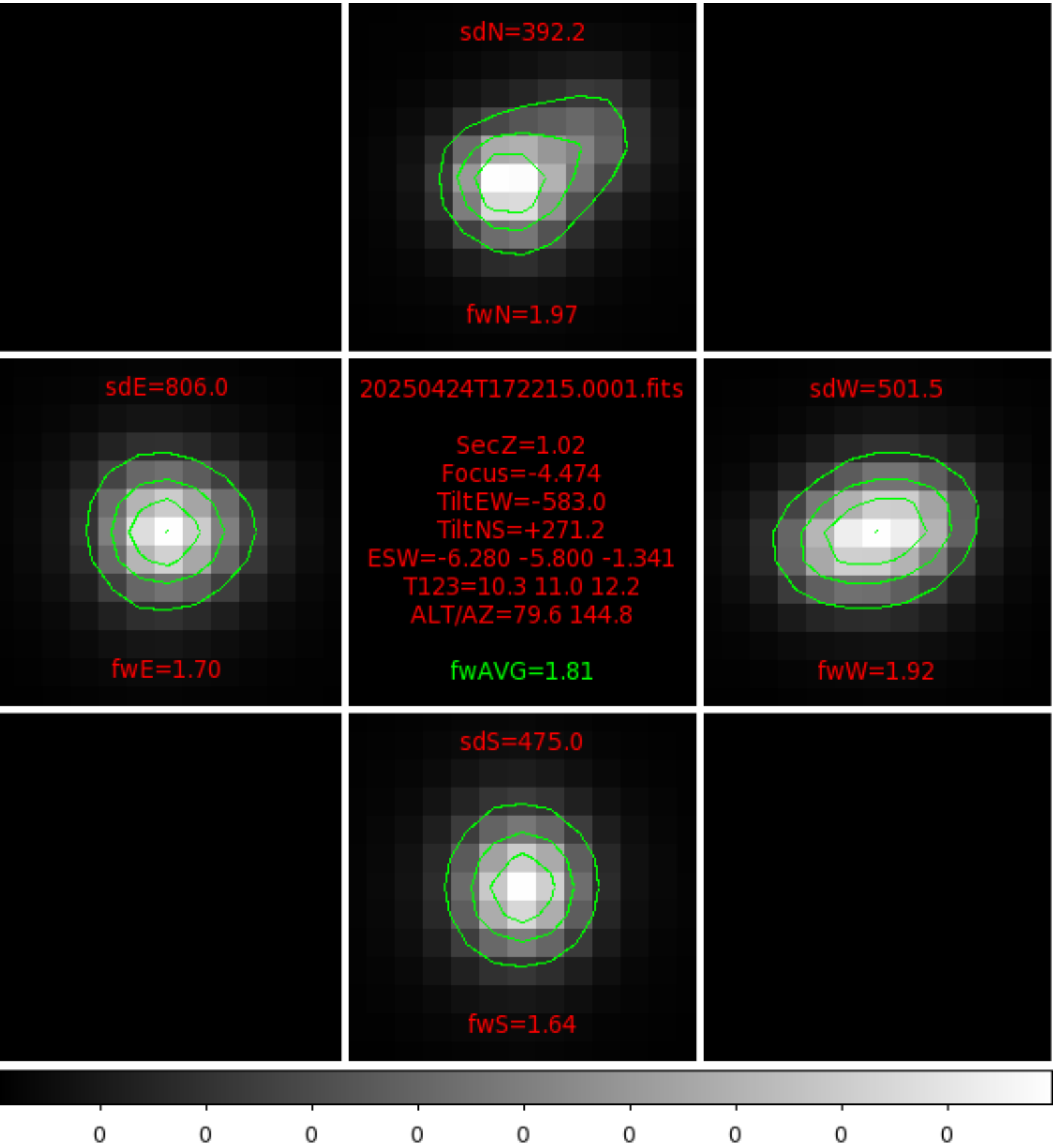
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SecZ=1.02
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TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.3 11.0 12.2
ALT/AZ=79.6 144.8
fwAVG=1.81
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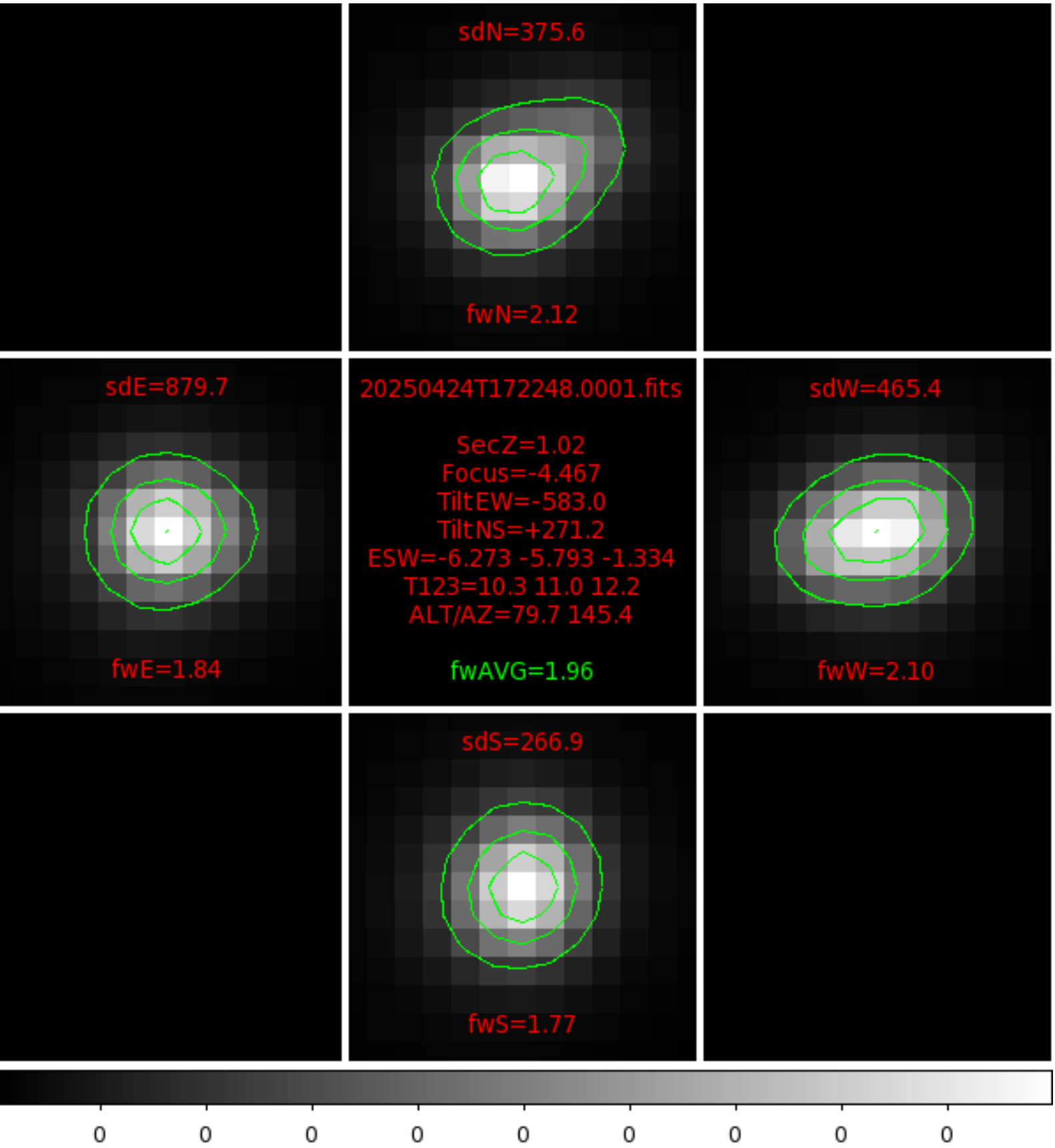
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fwE=1.84
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SecZ=1.02
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.3 11.0 12.2
ALT/AZ=79.7 145.4
fwAVG=1.96
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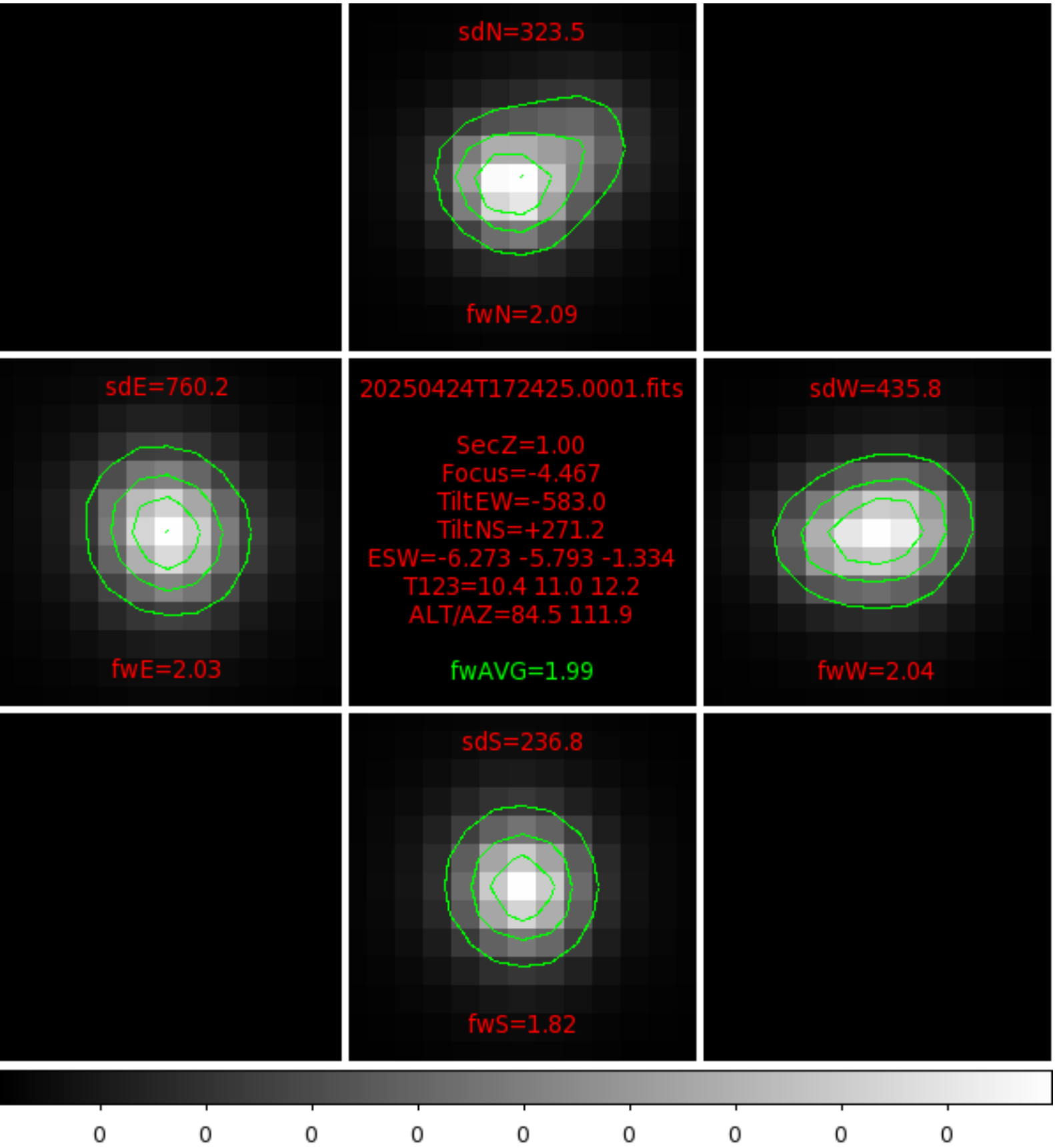
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sdE=760.2
fwE=2.03
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SecZ=1.00
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.4 11.0 12.2
ALT/AZ=84.5 111.9
fwAVG=1.99
sdW=435.8
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sdS=236.8
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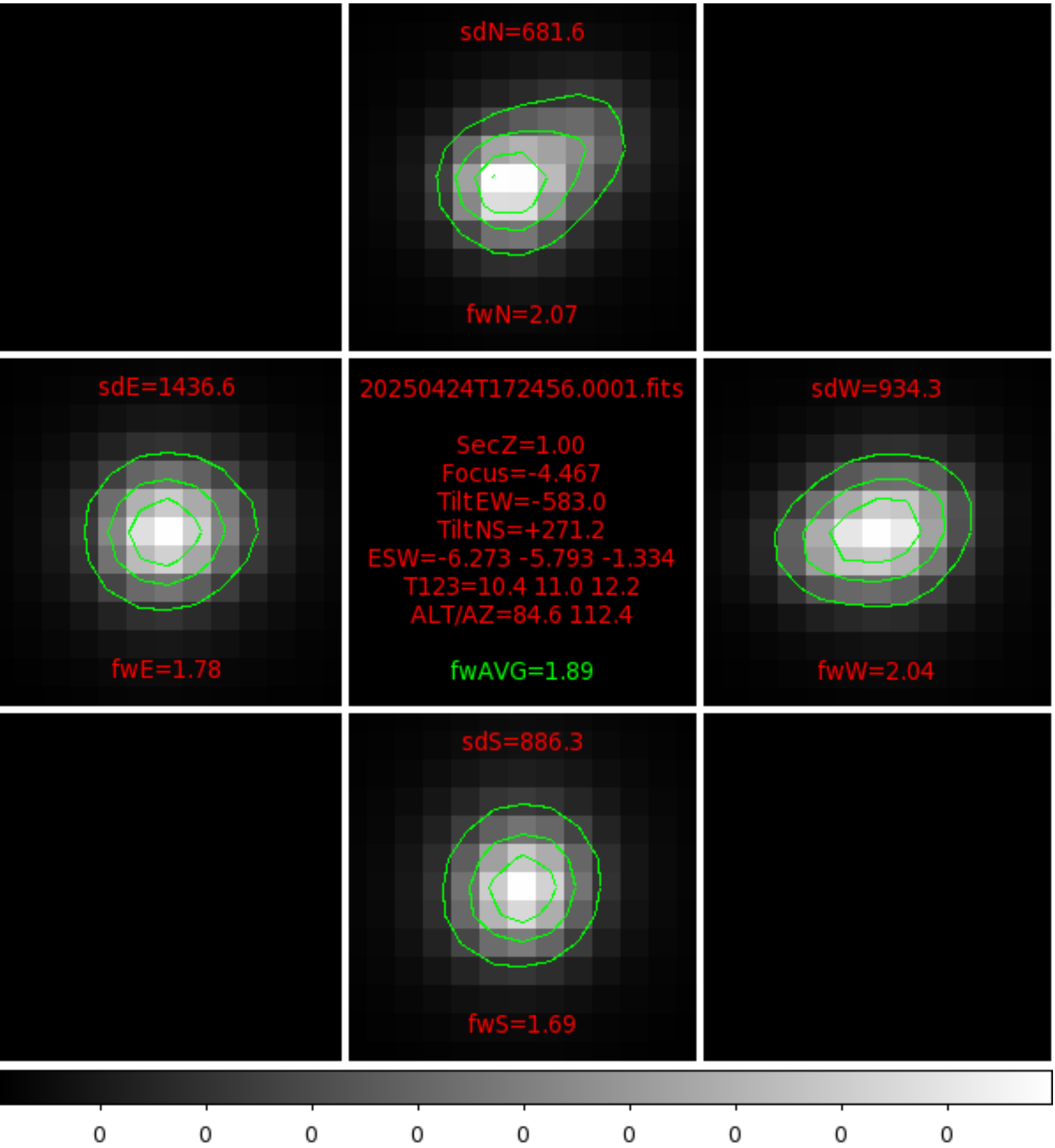
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sdE=1436.6
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SecZ=1.00
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TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.4 11.0 12.2
ALT/AZ=84.6 112.4
fwAVG=1.89
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sdS=886.3
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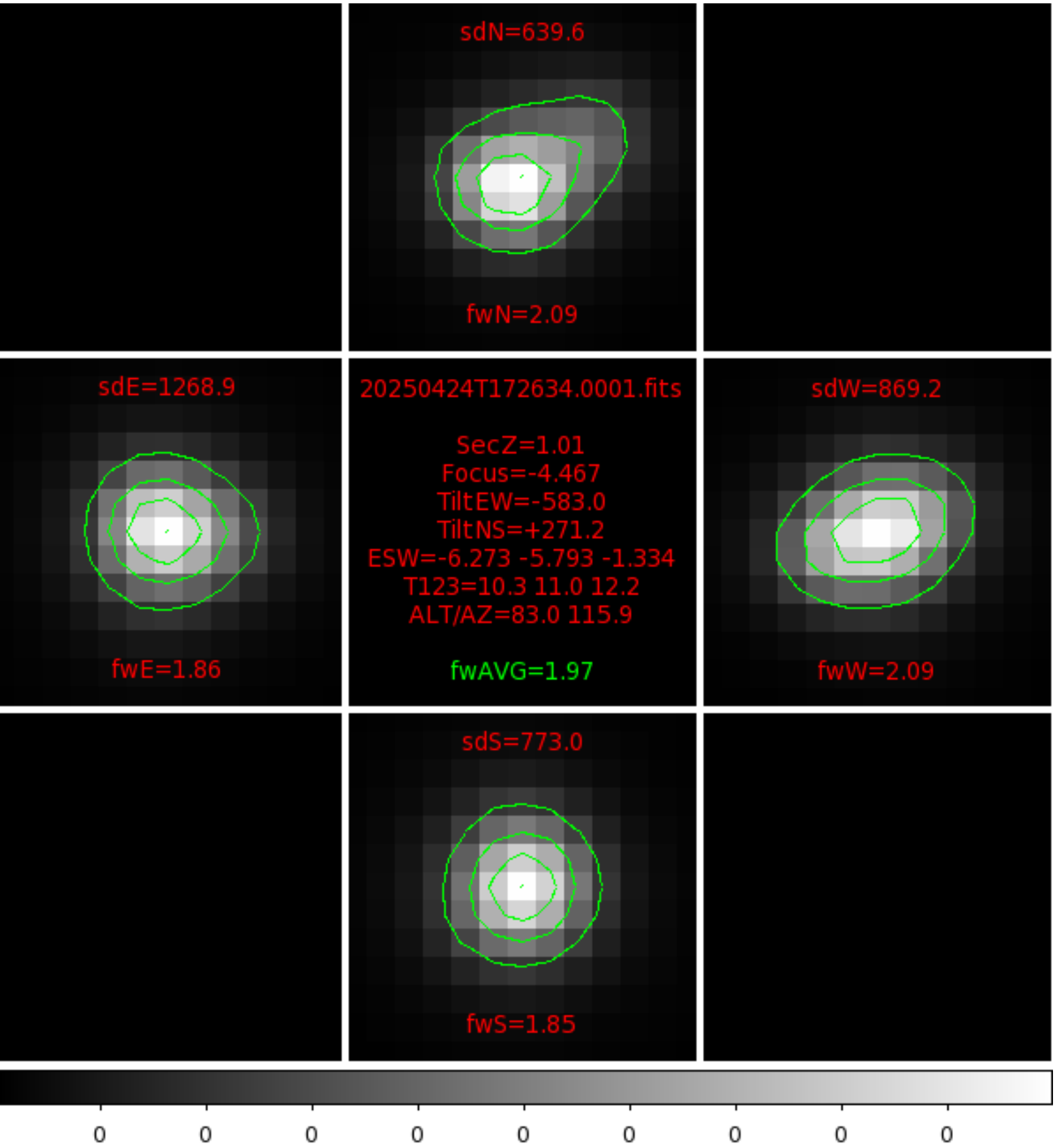
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sdE=1268.9
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SecZ=1.01
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.3 11.0 12.2
ALT/AZ=83.0 115.9
fwAVG=1.97
sdW=869.2
fwW=2.09
sdS=773.0
fwS=1.85
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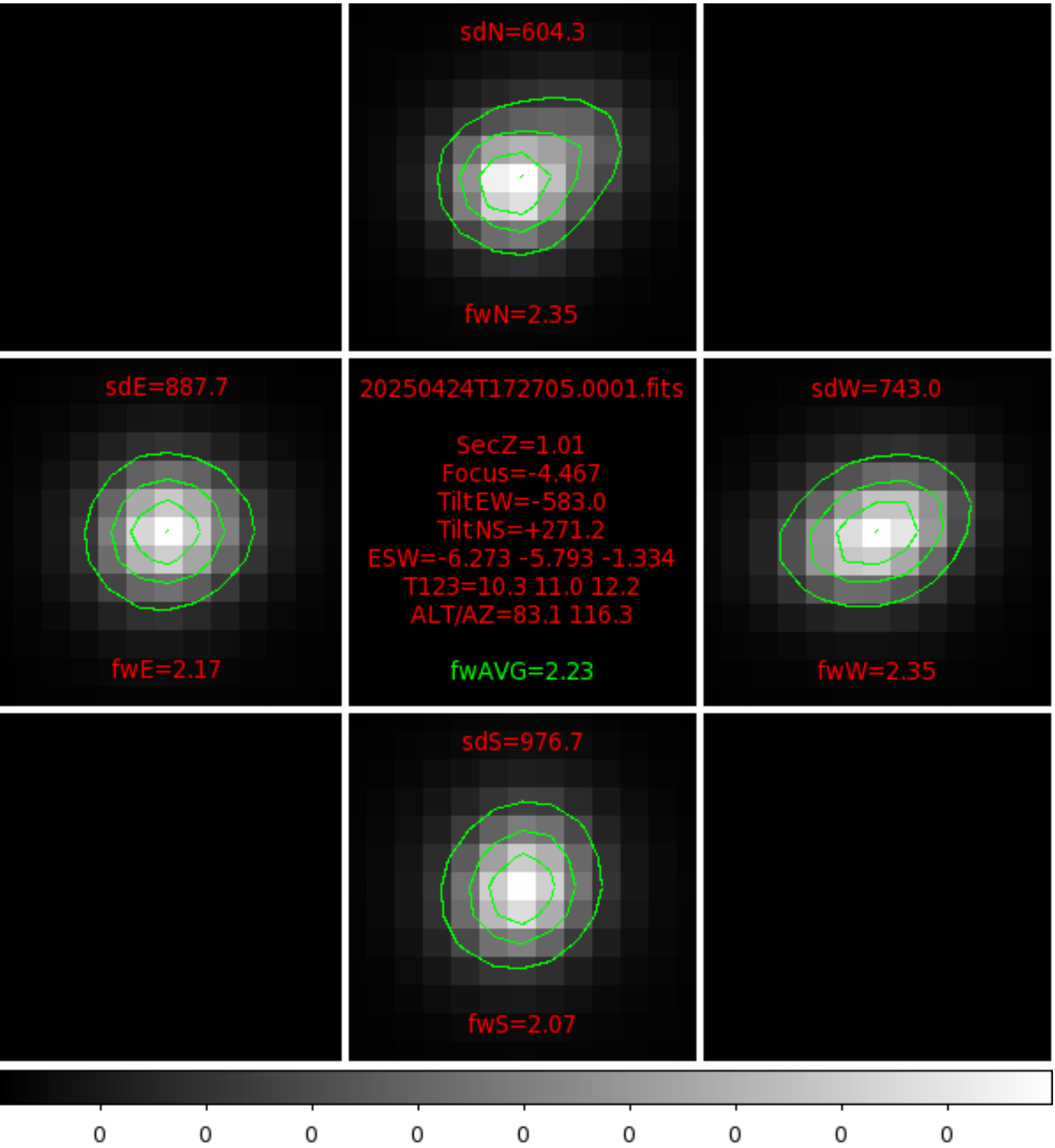
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TiltEW=-583.0
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ESW=-6.273 -5.793 -1.334
T123=10.3 11.0 12.2
ALT/AZ=83.1 116.3
fwAVG=2.23
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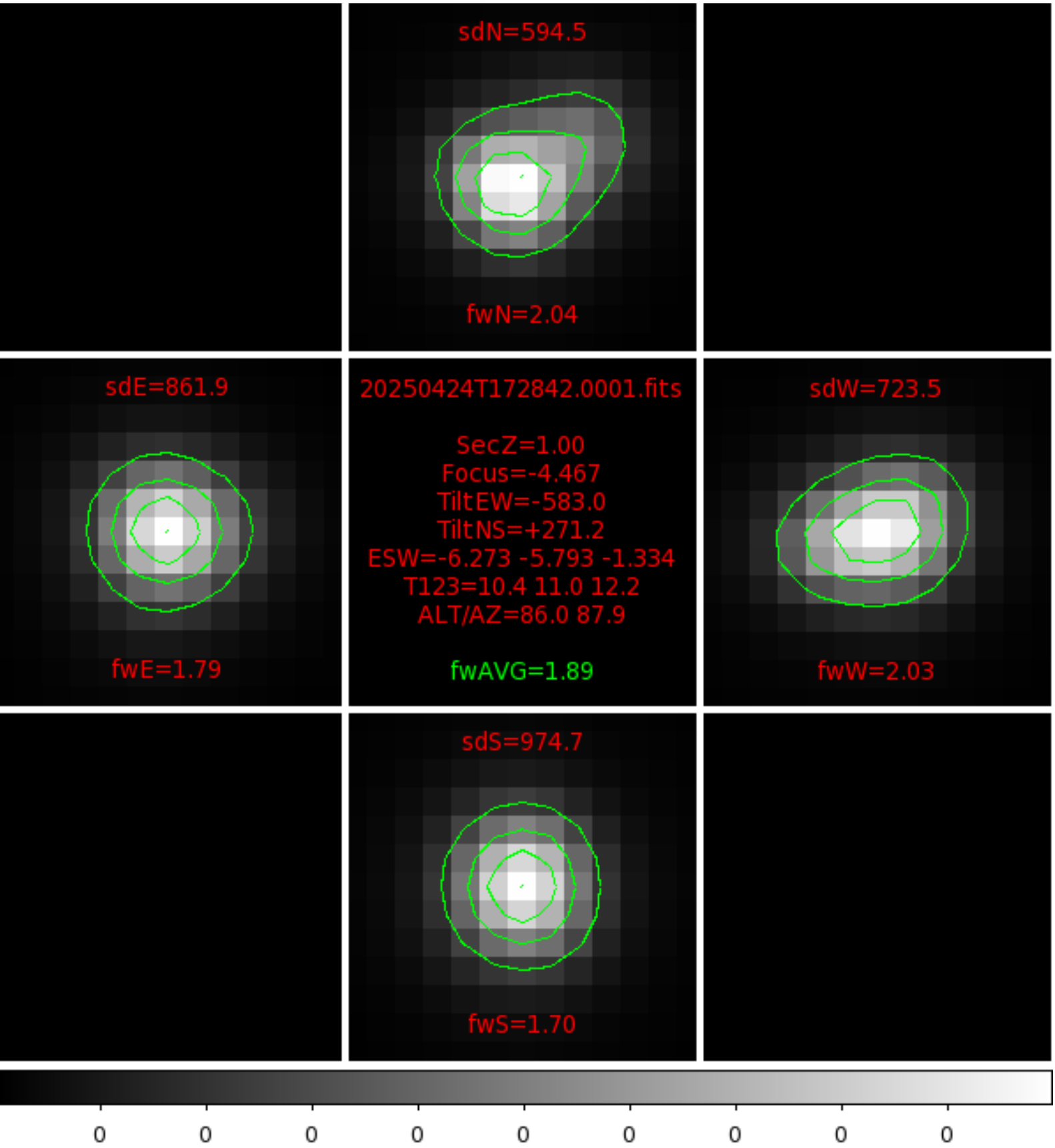
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SecZ=1.00
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.4 11.0 12.2
ALT/AZ=86.0 87.9
fwAVG=1.89
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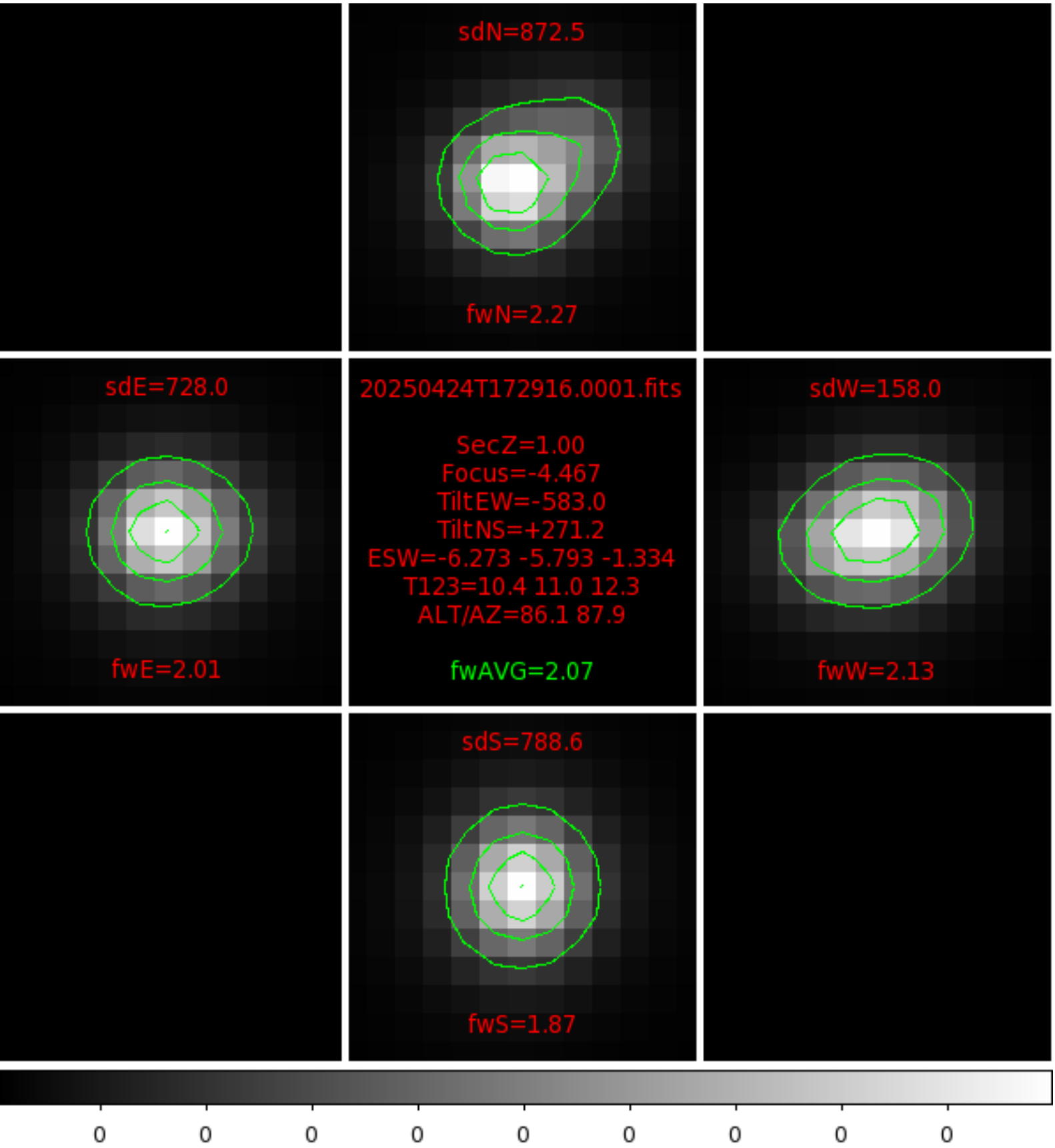
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SecZ=1.00
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.4 11.0 12.3
ALT/AZ=86.1 87.9
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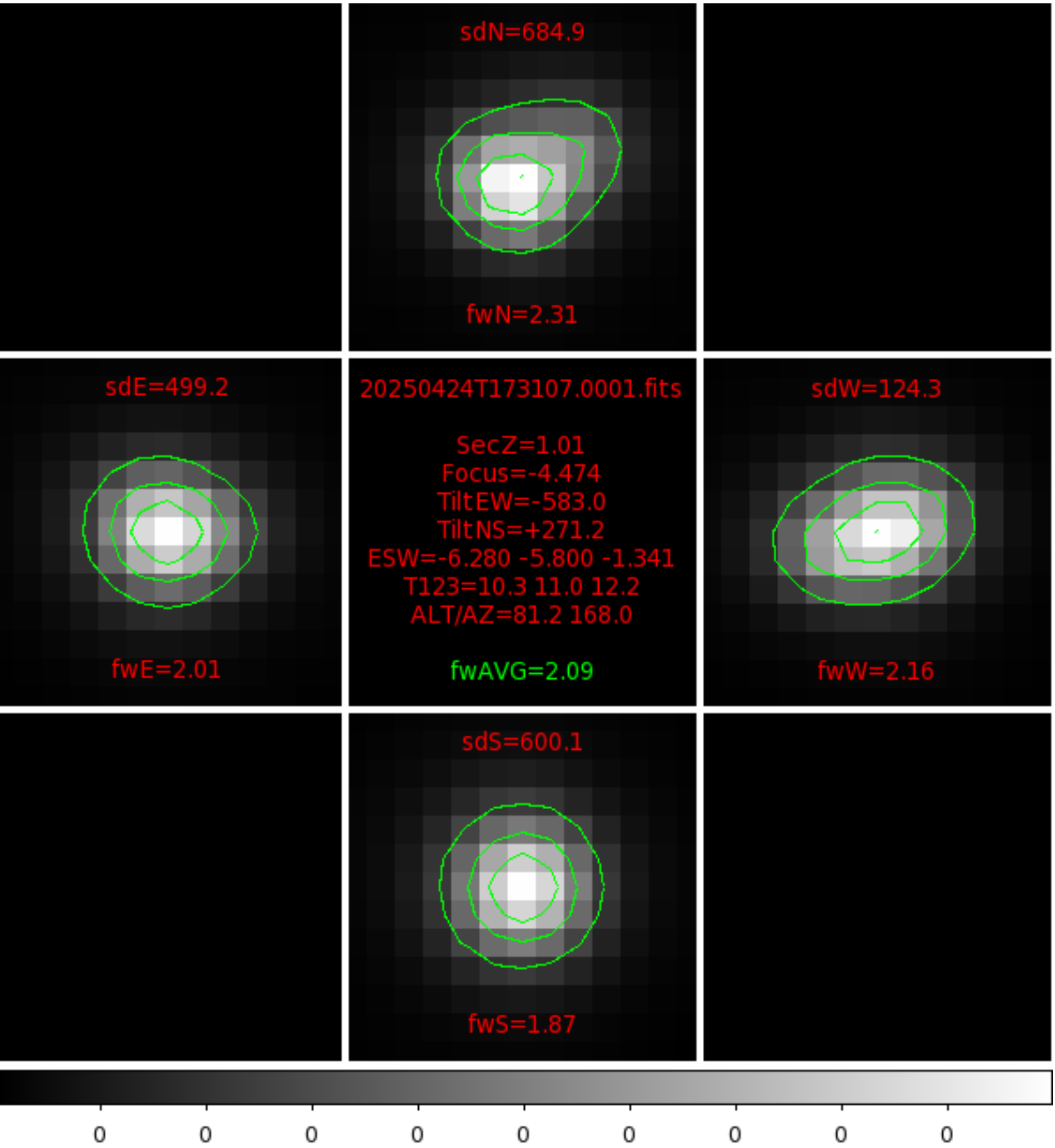
sdN=684.9
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20250424T173107.0001.fits
SecZ=1.01
Focus=-4.474
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.280 -5.800 -1.341
T123=10.3 11.0 12.2
ALT/AZ=81.2 168.0
fwAVG=2.09
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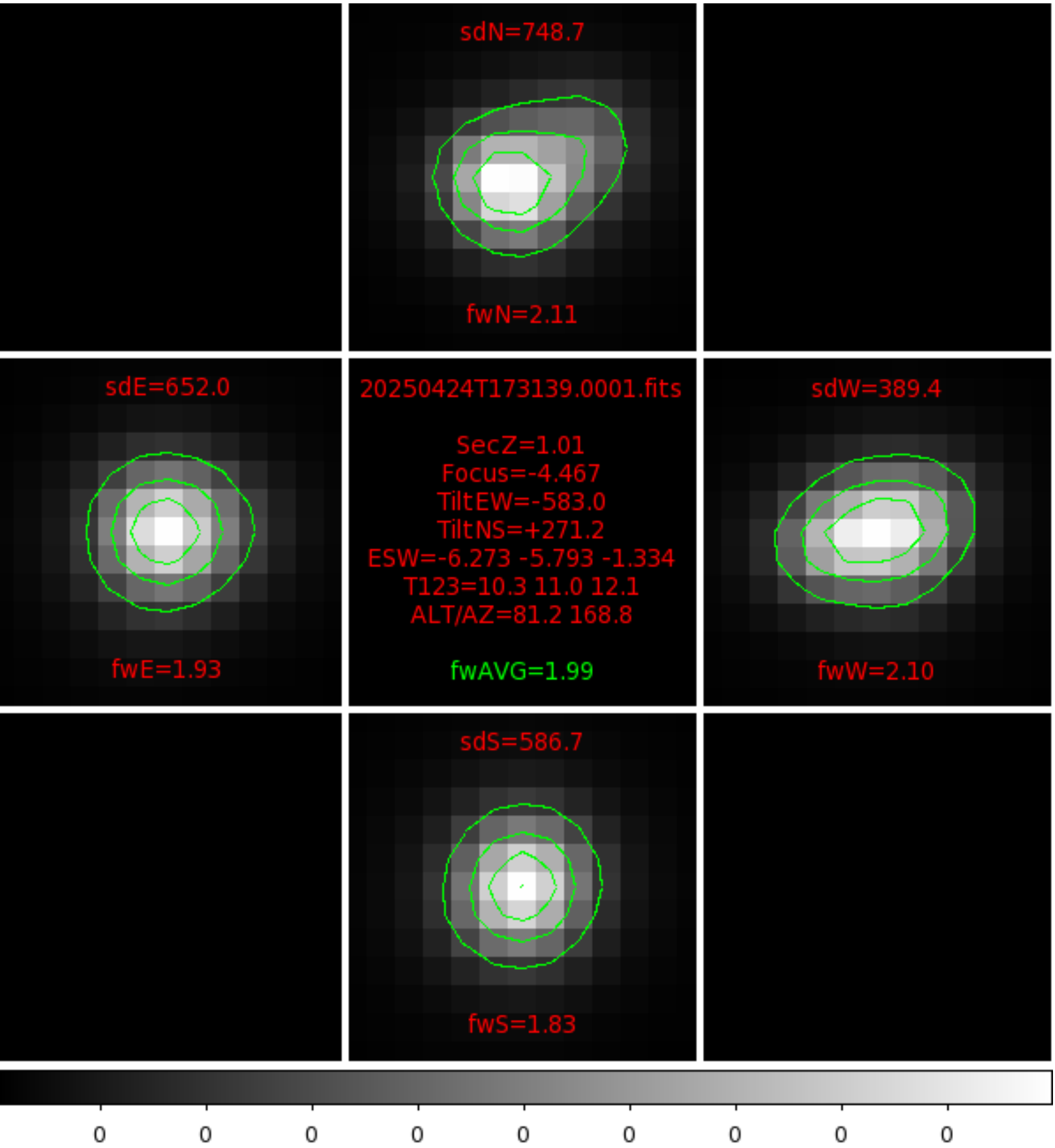
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SecZ=1.01
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.3 11.0 12.1
ALT/AZ=81.2 168.8
fwAVG=1.99
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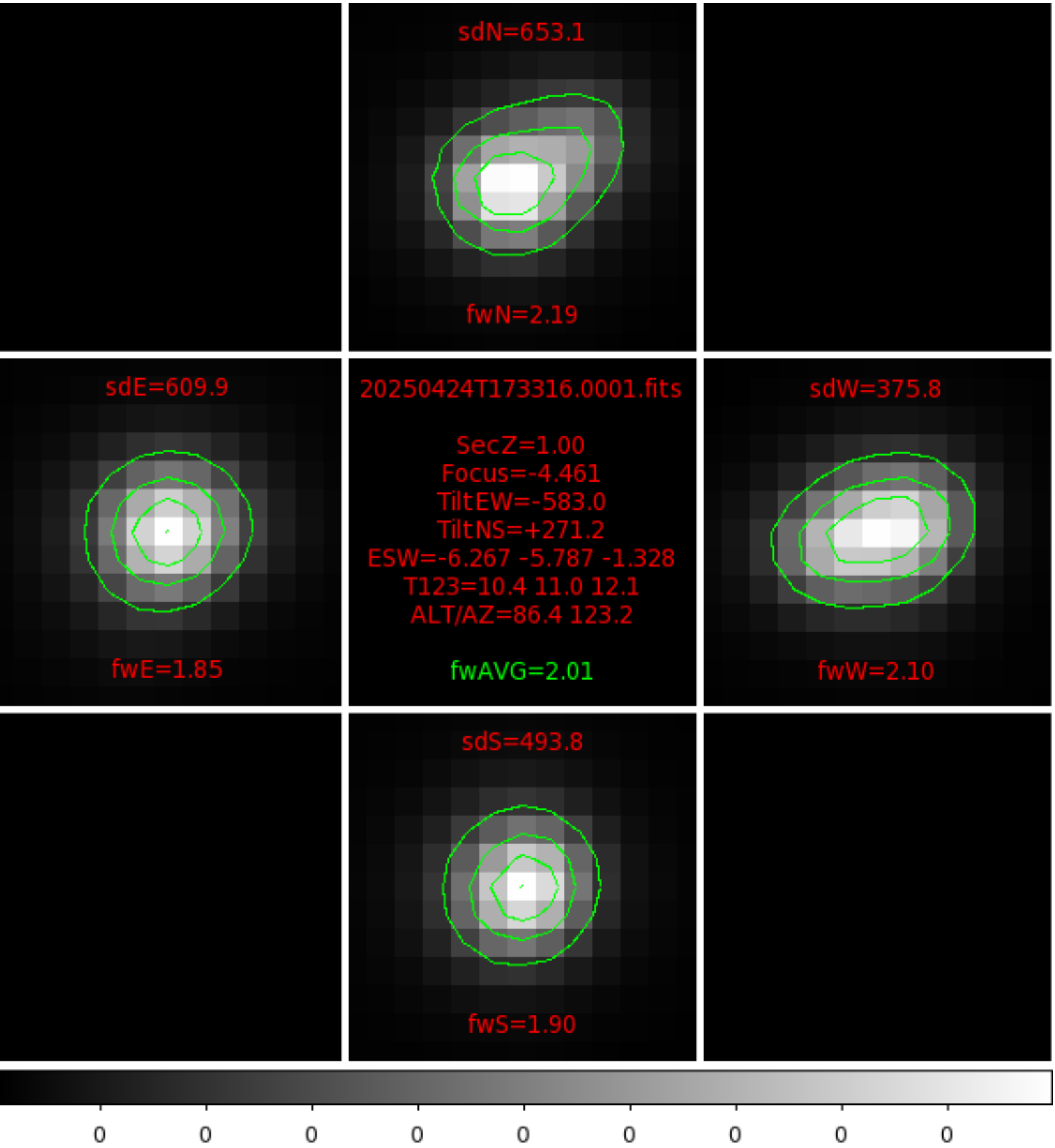
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
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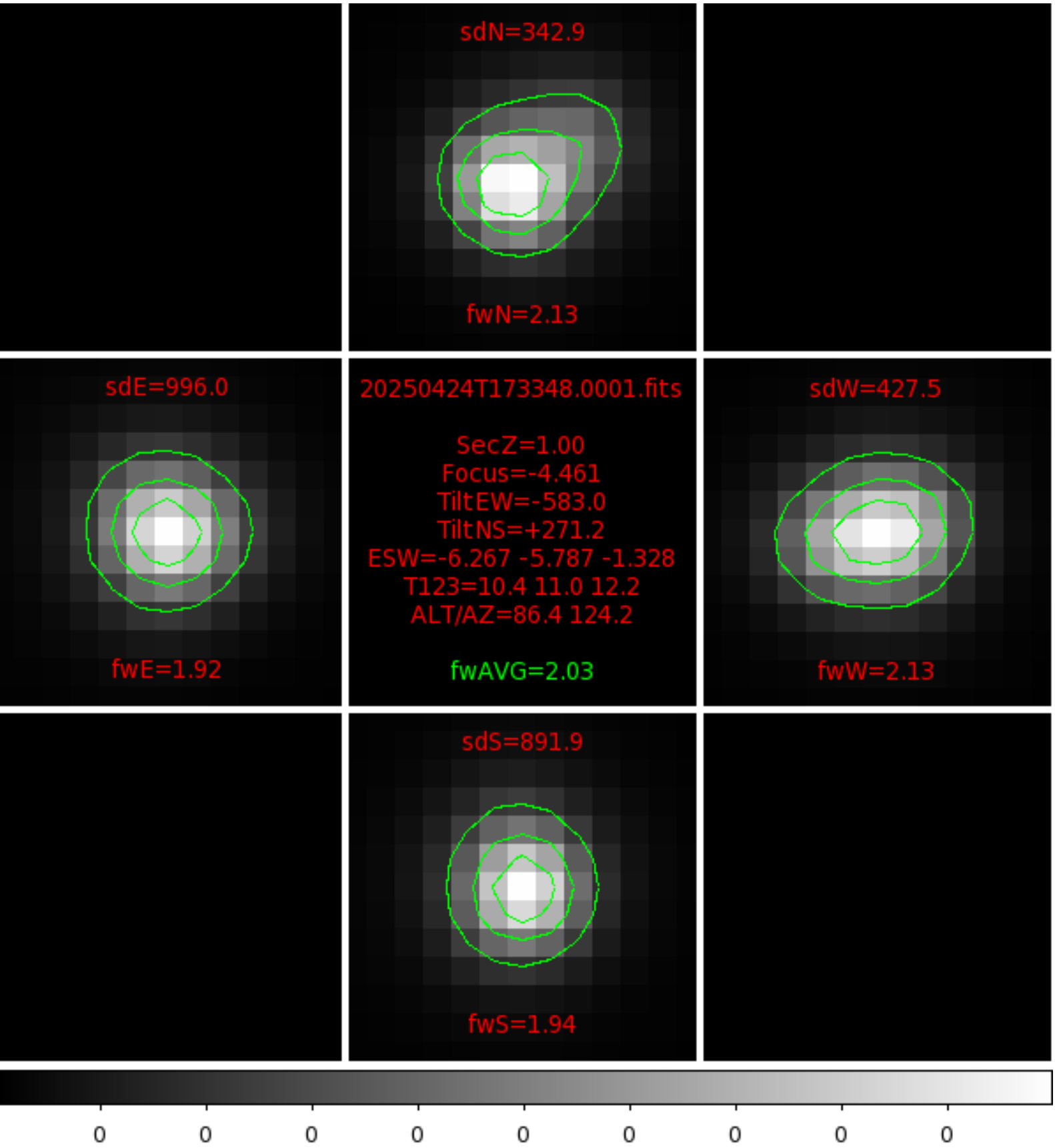
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.2
ALT/AZ=86.4 124.2
fwAVG=2.03
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sdS=891.9
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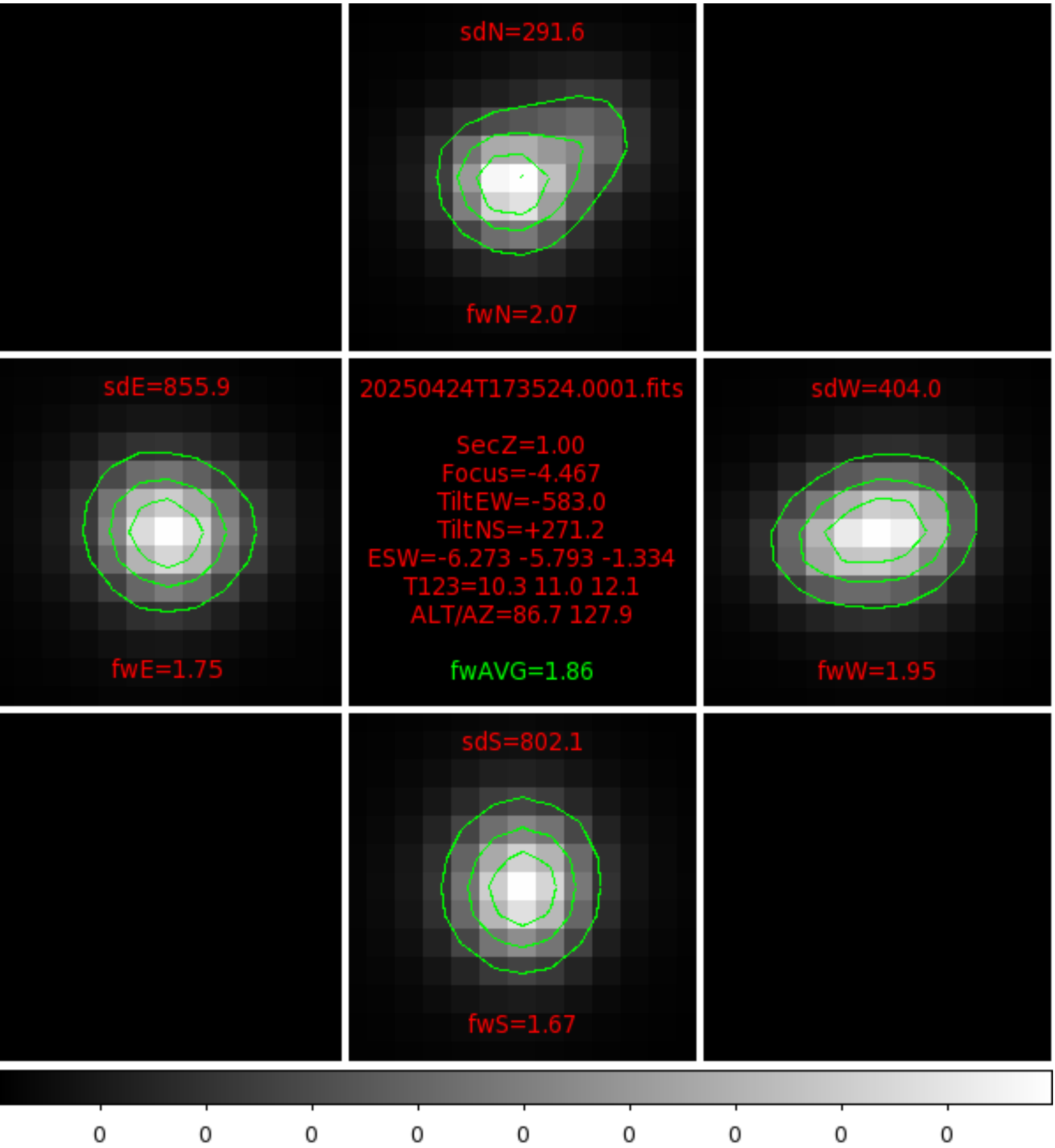
sdN=291.6
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sdE=855.9
fwE=1.75
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SecZ=1.00
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.3 11.0 12.1
ALT/AZ=86.7 127.9
fwAVG=1.86
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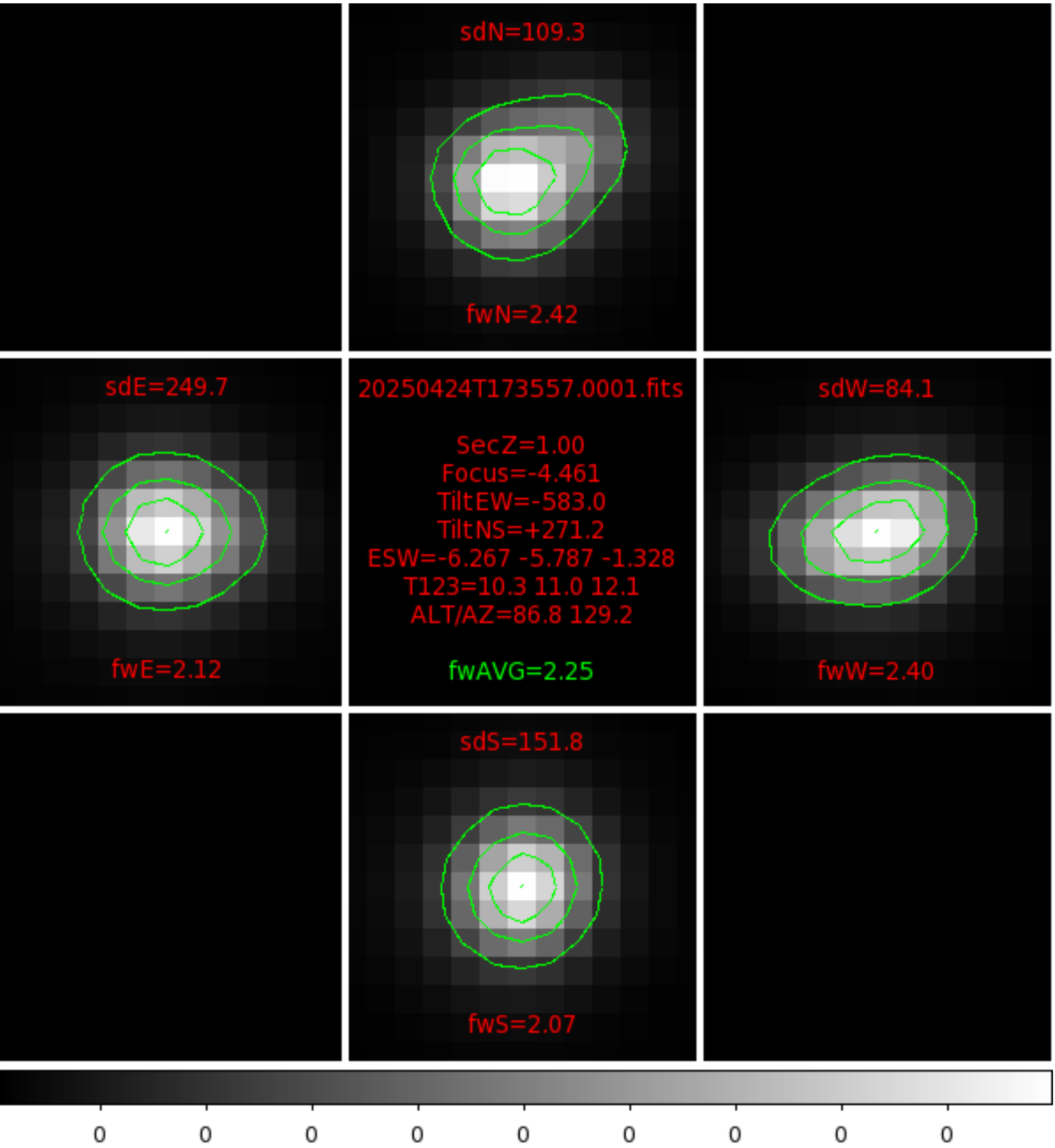
sdN=109.3
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sdE=249.7
fwE=2.12
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 11.0 12.1
ALT/AZ=86.8 129.2
fwAVG=2.25
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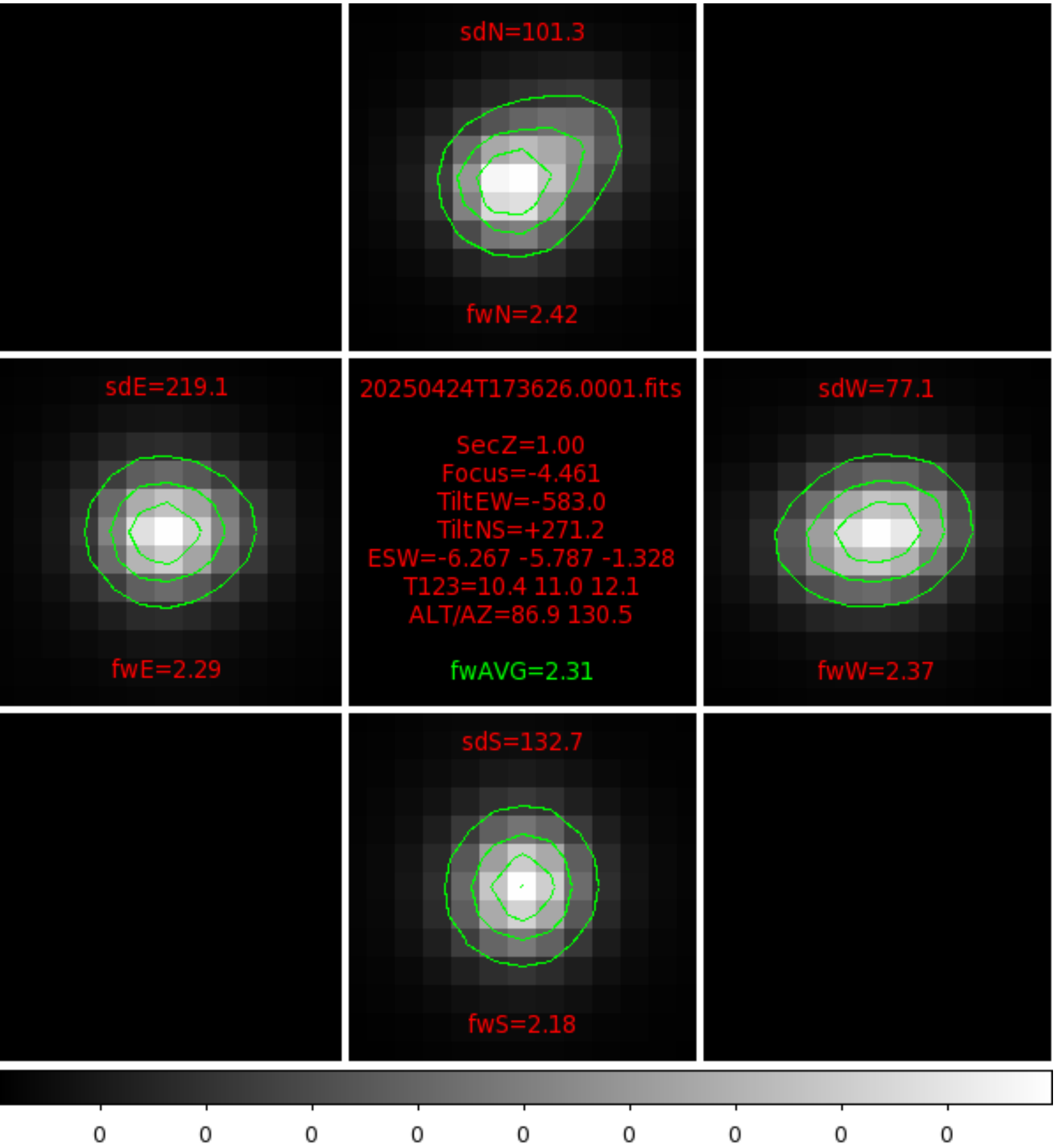
sdN=101.3
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sdE=219.1
fwE=2.29
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=86.9 130.5
fwAVG=2.31
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sdS=132.7
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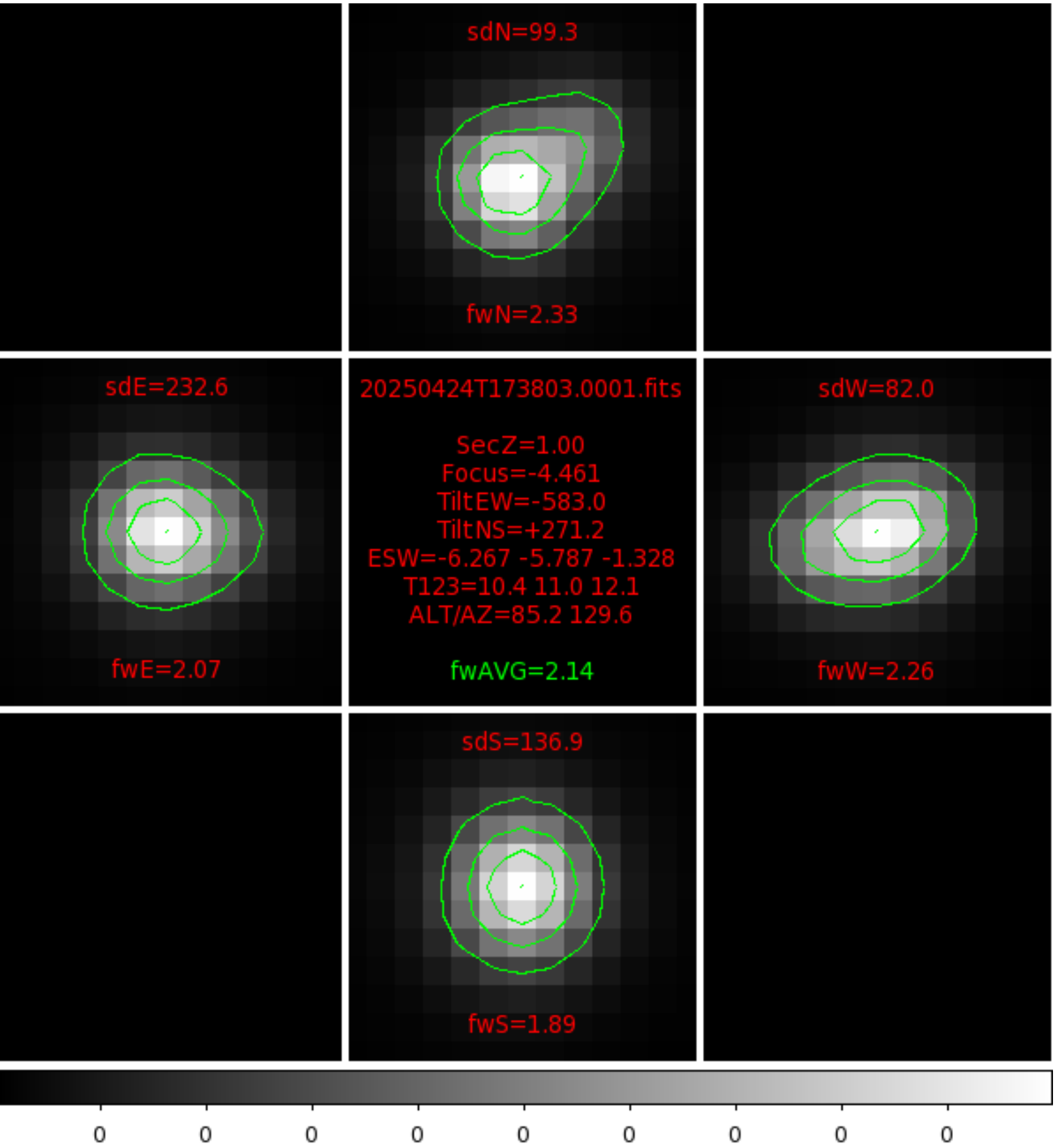
sdN=99.3
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sdE=232.6
fwE=2.07
20250424T173803.0001.fits
SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=85.2 129.6
fwAVG=2.14
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sdS=136.9
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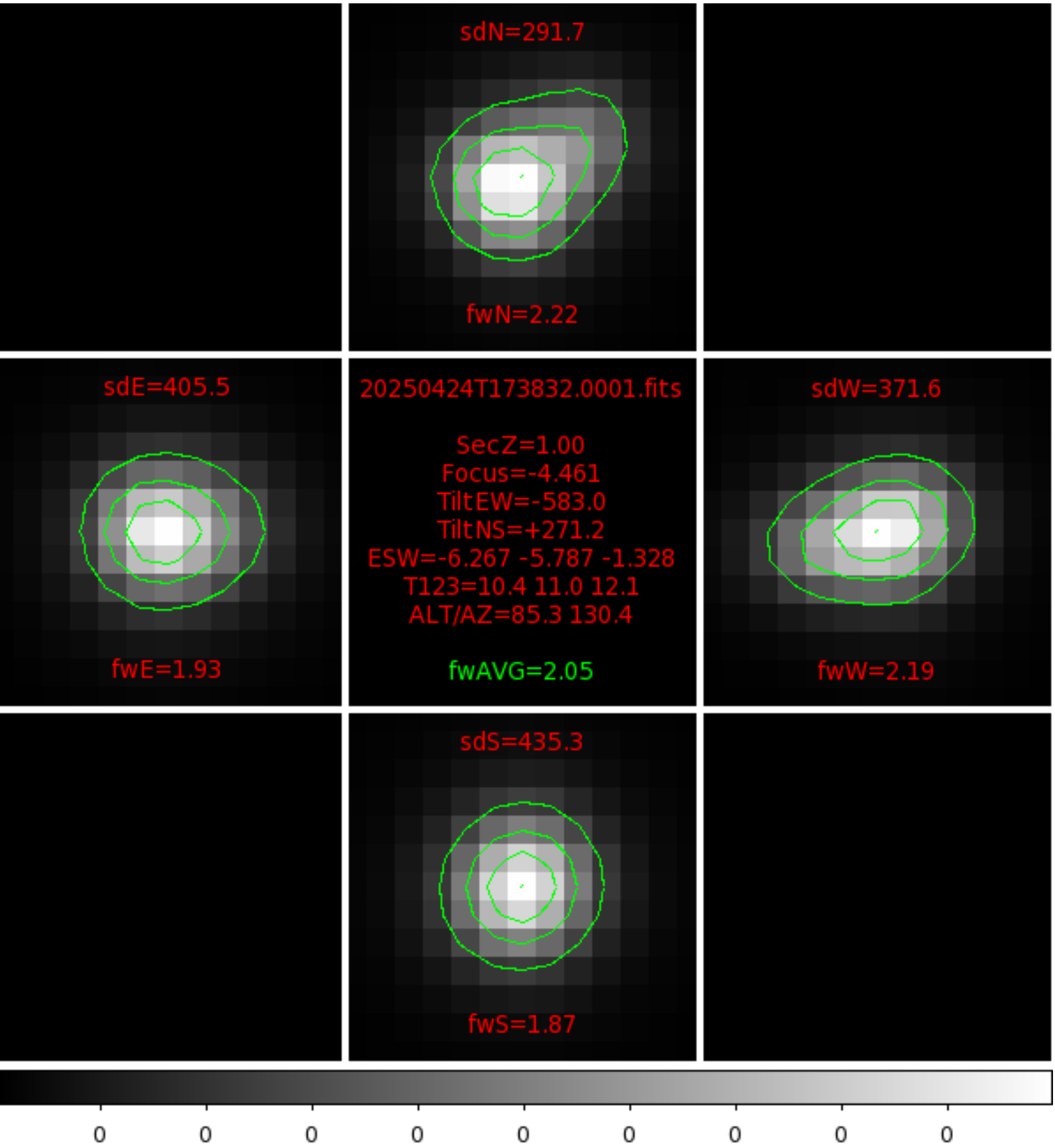
sdN=291.7
fwN=2.22
sdE=405.5
fwE=1.93
20250424T173832.0001.fits
SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=85.3 130.4
fwAVG=2.05
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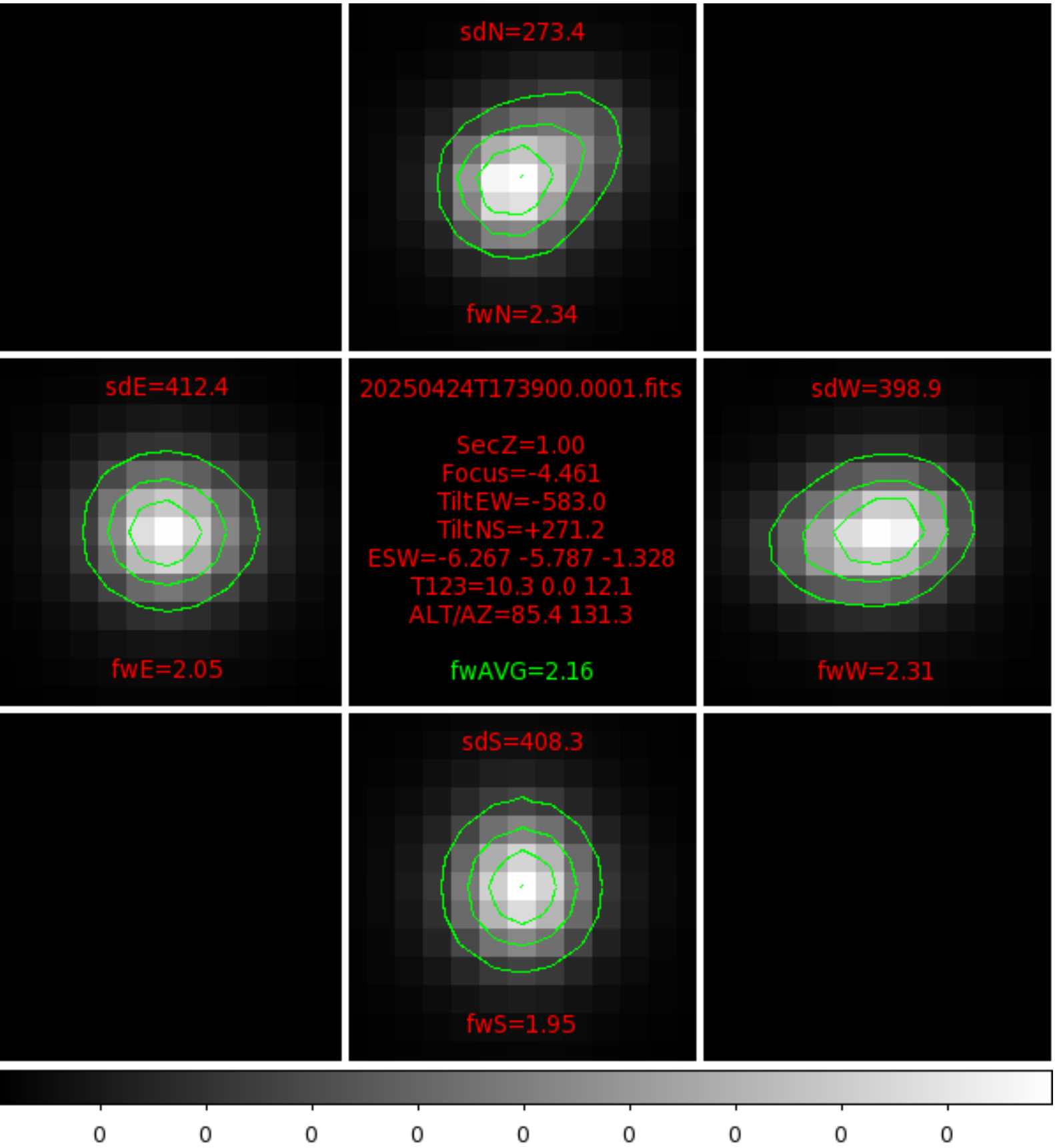
sdN=273.4
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sdE=412.4
fwE=2.05
20250424T173900.0001.fits
SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 0.0 12.1
ALT/AZ=85.4 131.3
fwAVG=2.16
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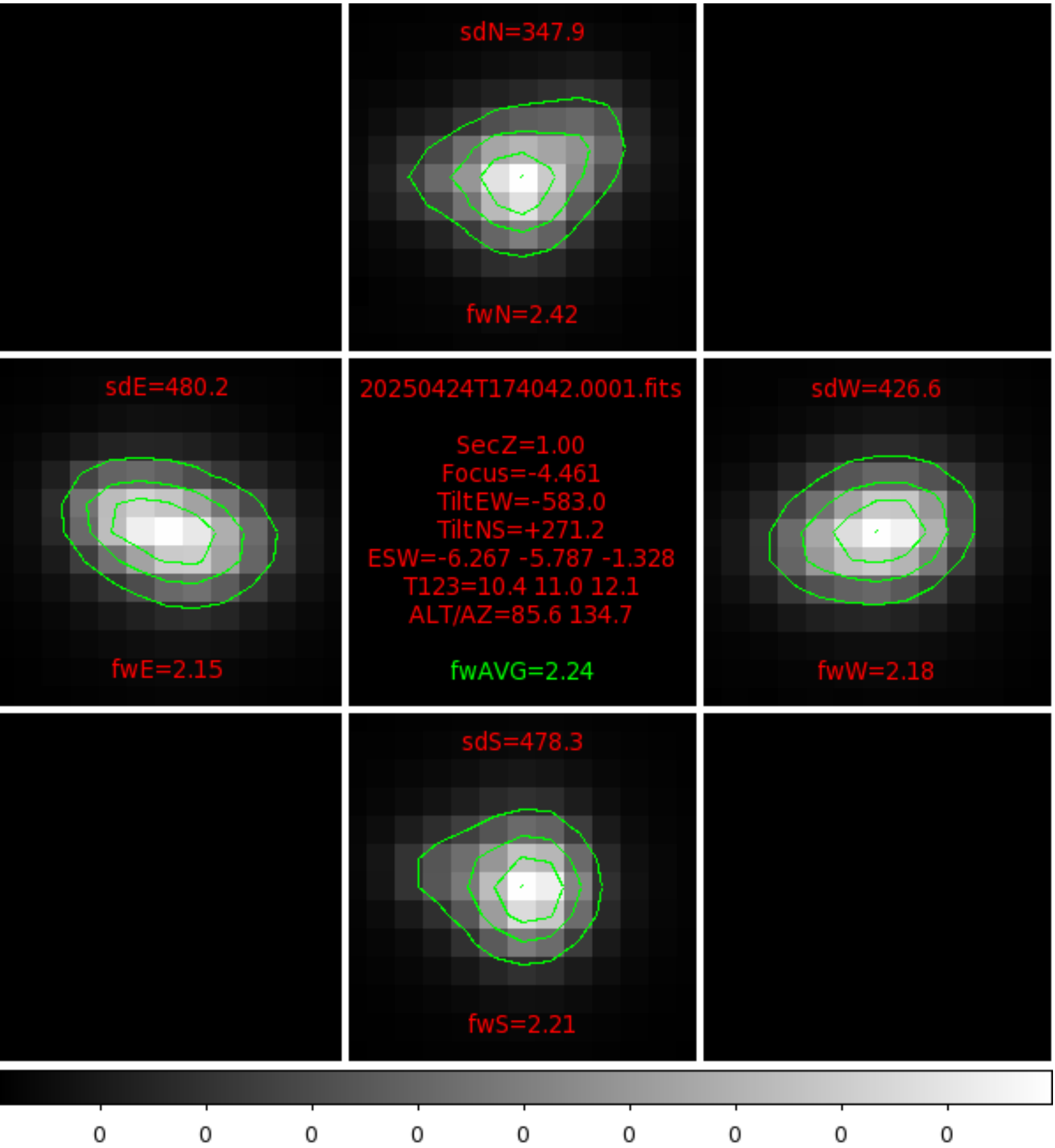
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fwE=2.15
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=85.6 134.7
fwAVG=2.24
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sdS=478.3
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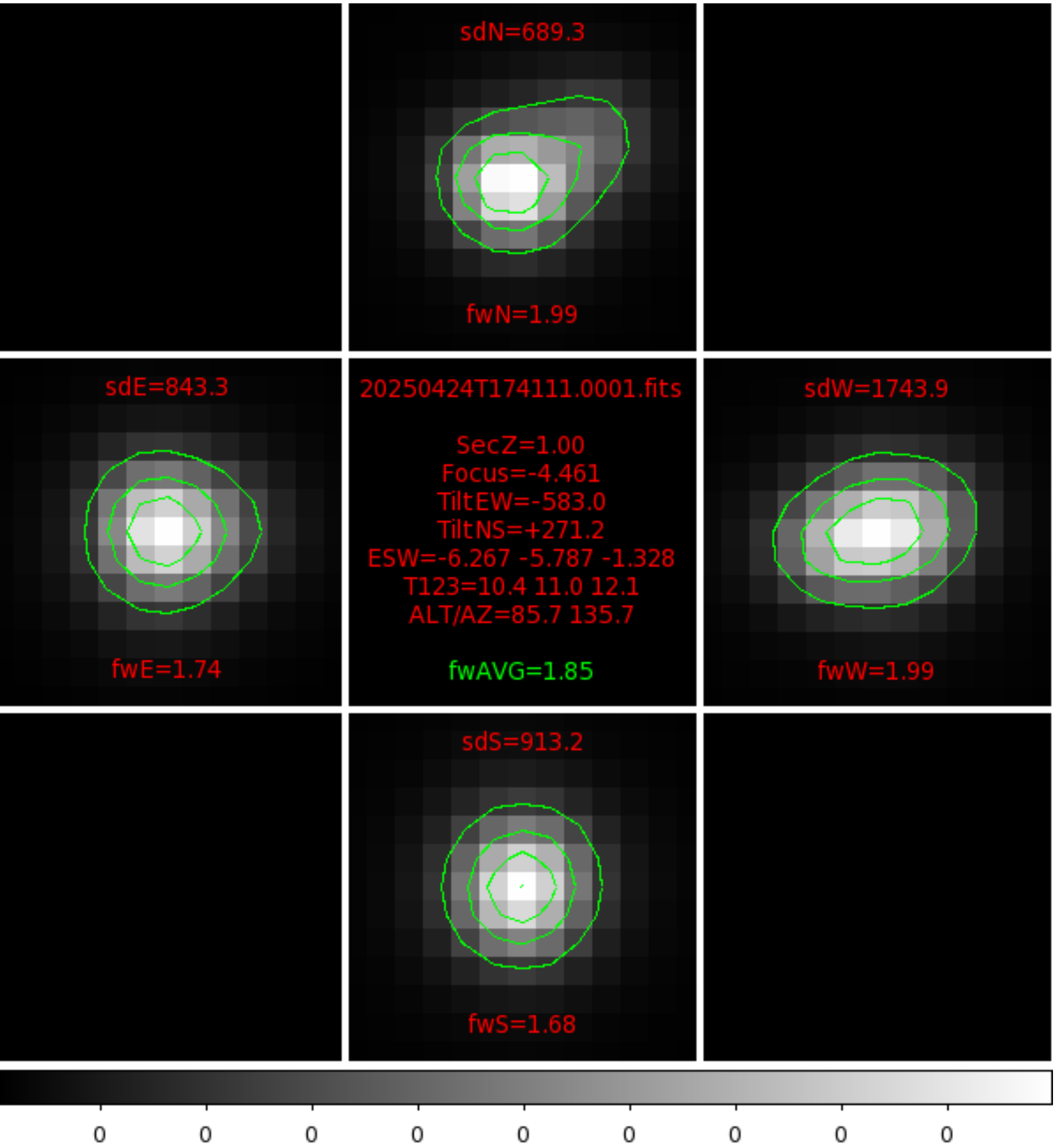
sdN=689.3
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sdE=843.3
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=85.7 135.7
fwAVG=1.85
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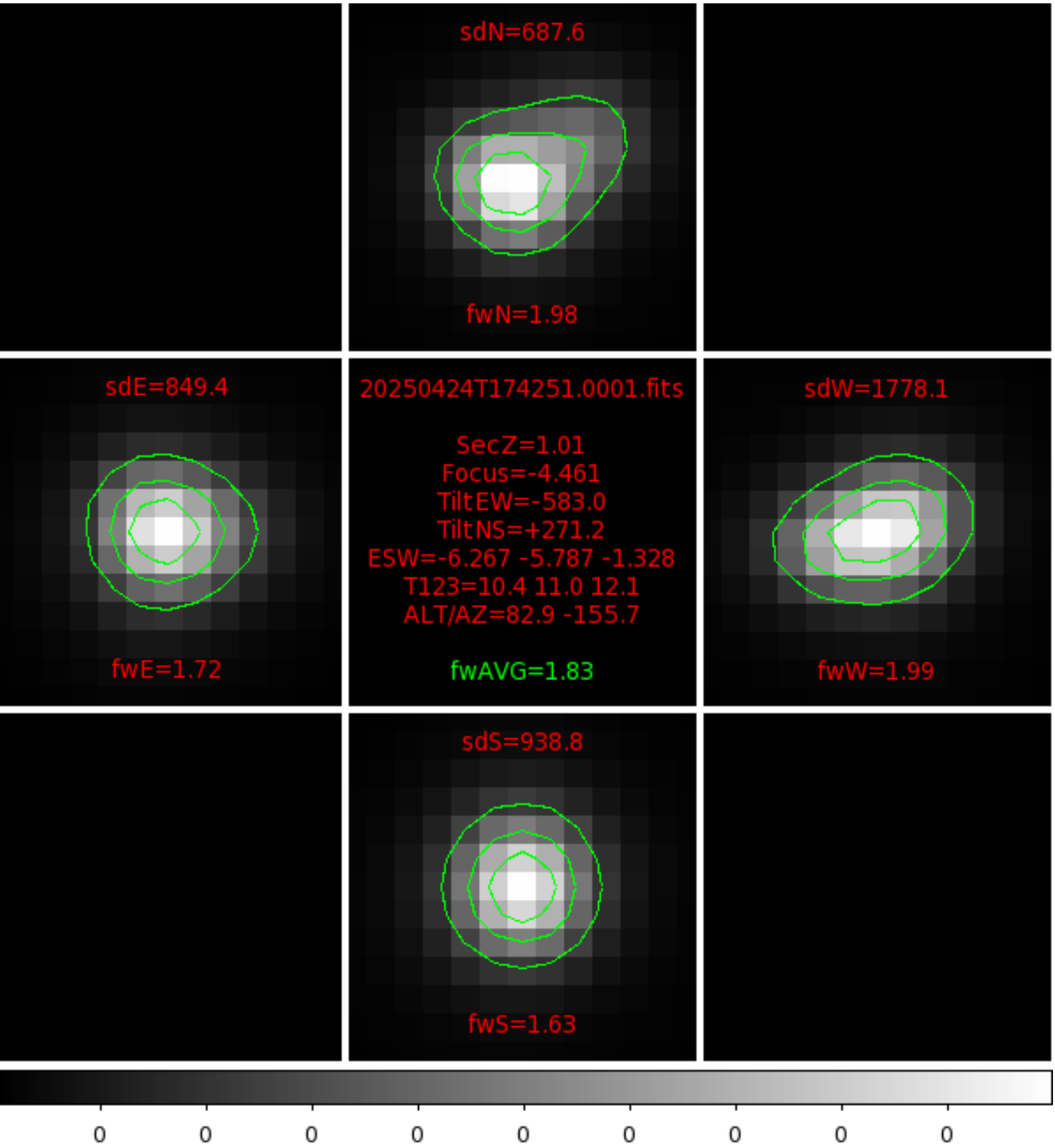
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sdE=849.4
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SecZ=1.01
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=82.9 -155.7
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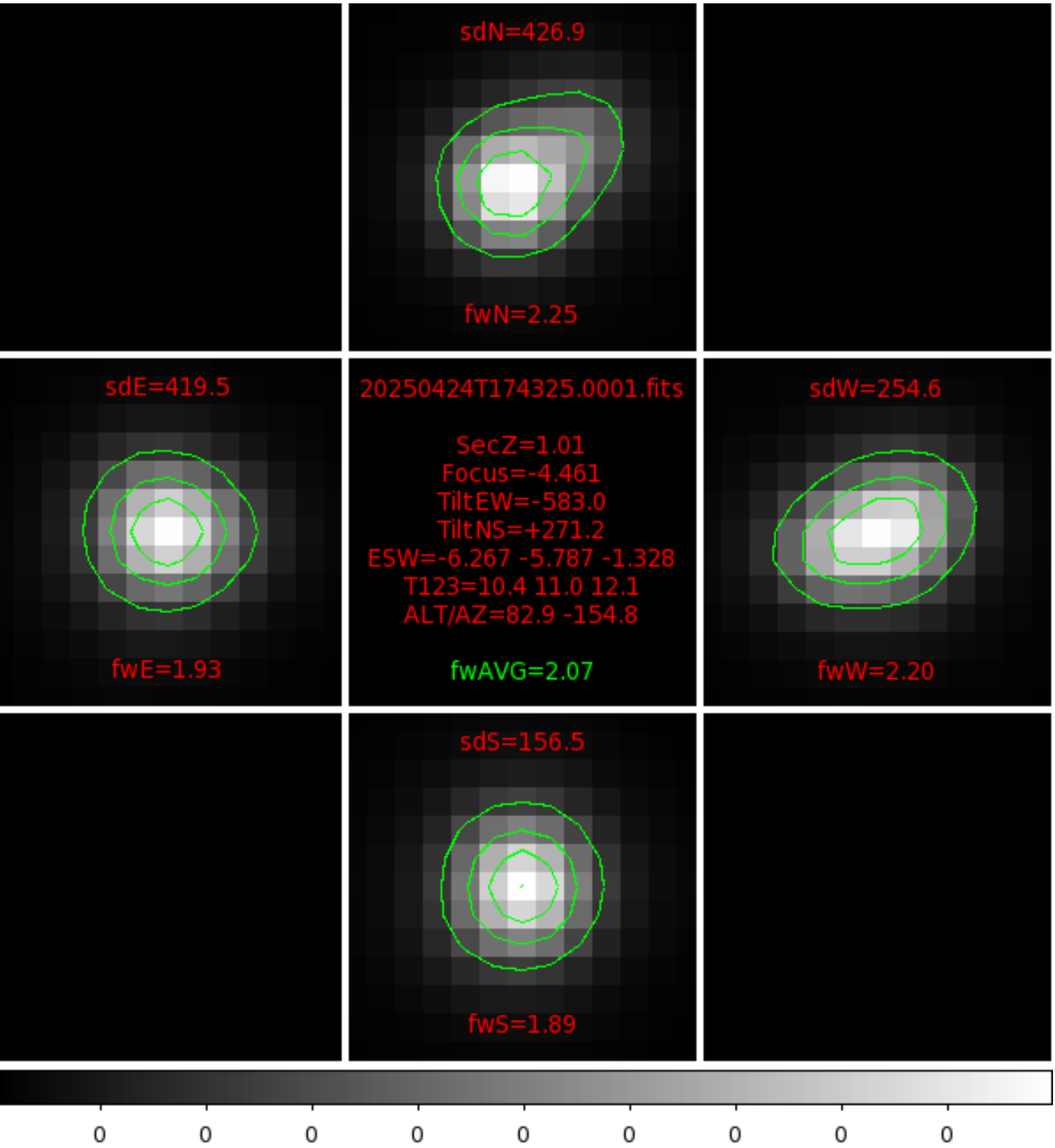
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sdE=419.5
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=82.9 -154.8
fwAVG=2.07
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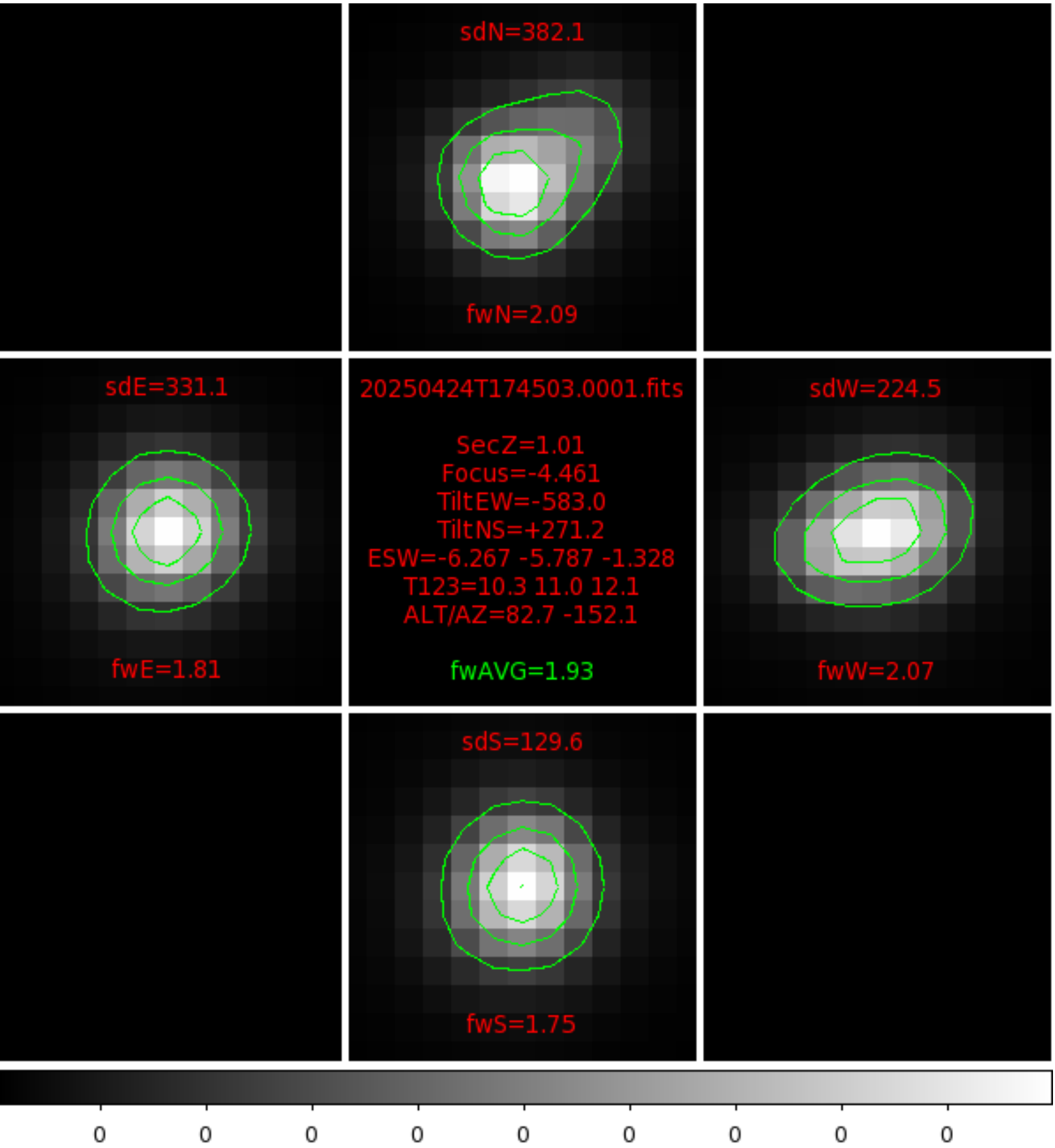
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 11.0 12.1
ALT/AZ=82.7 -152.1
fwAVG=1.93
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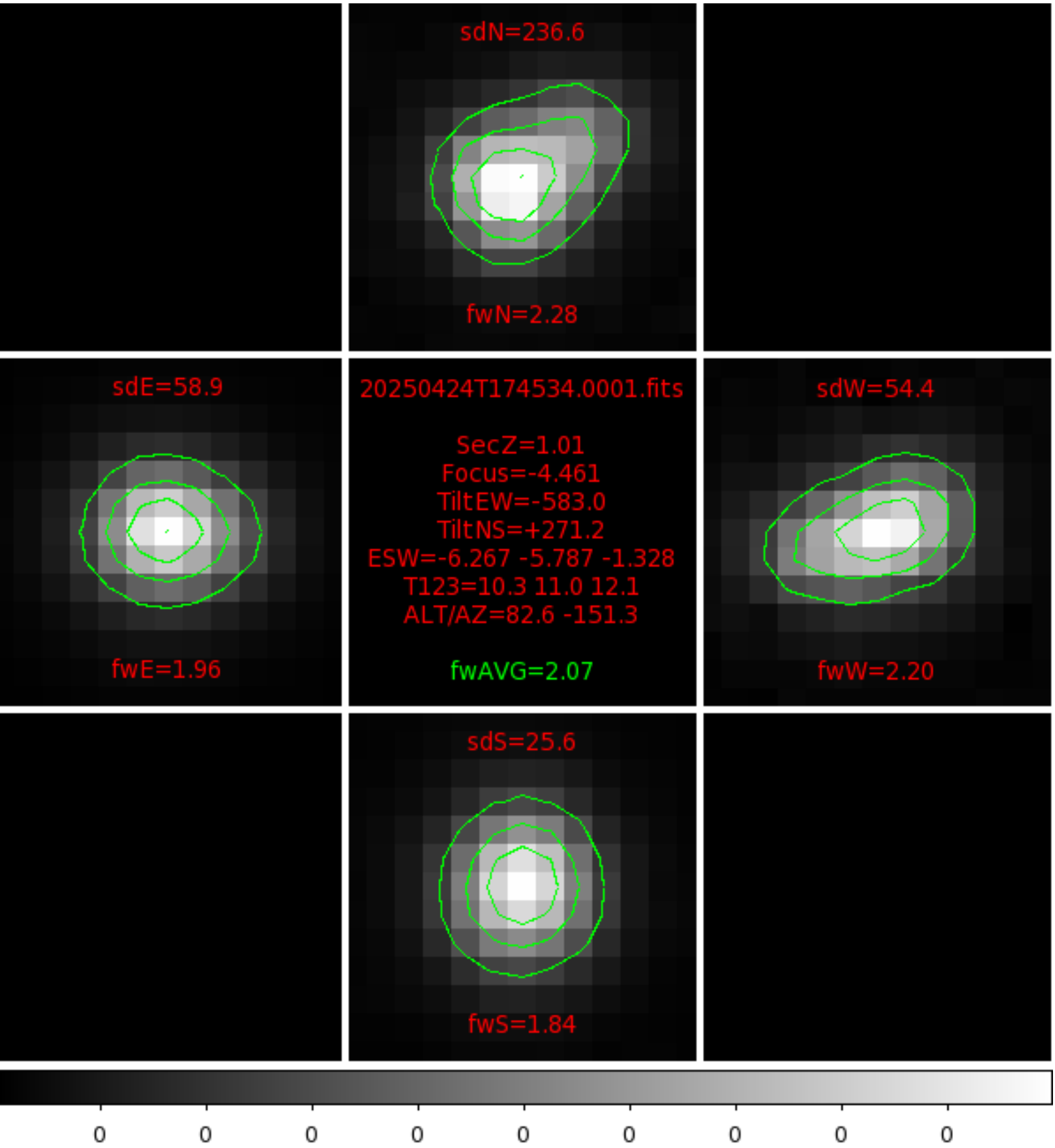
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sdE=58.9
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 11.0 12.1
ALT/AZ=82.6 -151.3
fwAVG=2.07
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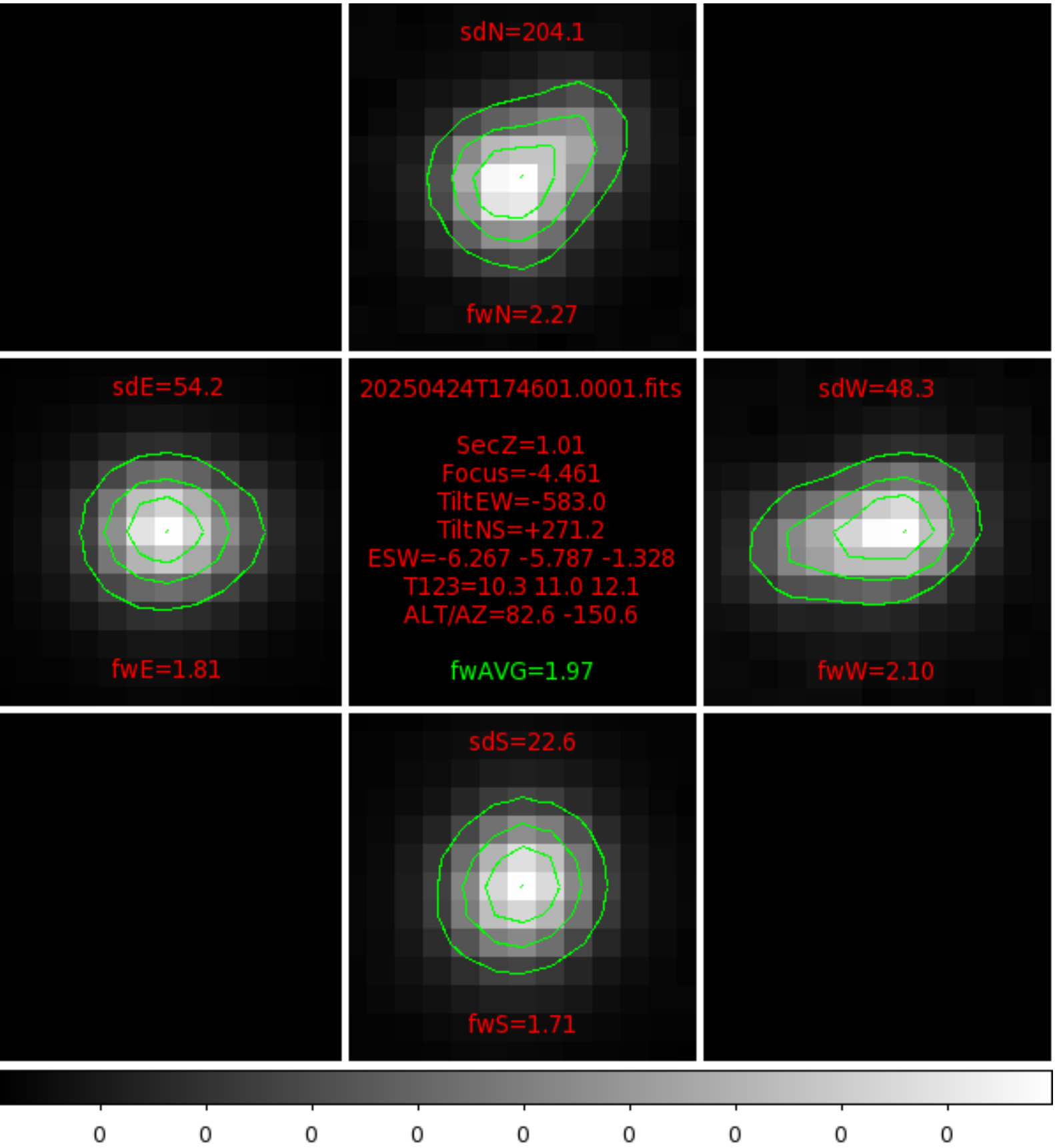
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 11.0 12.1
ALT/AZ=82.6 -150.6
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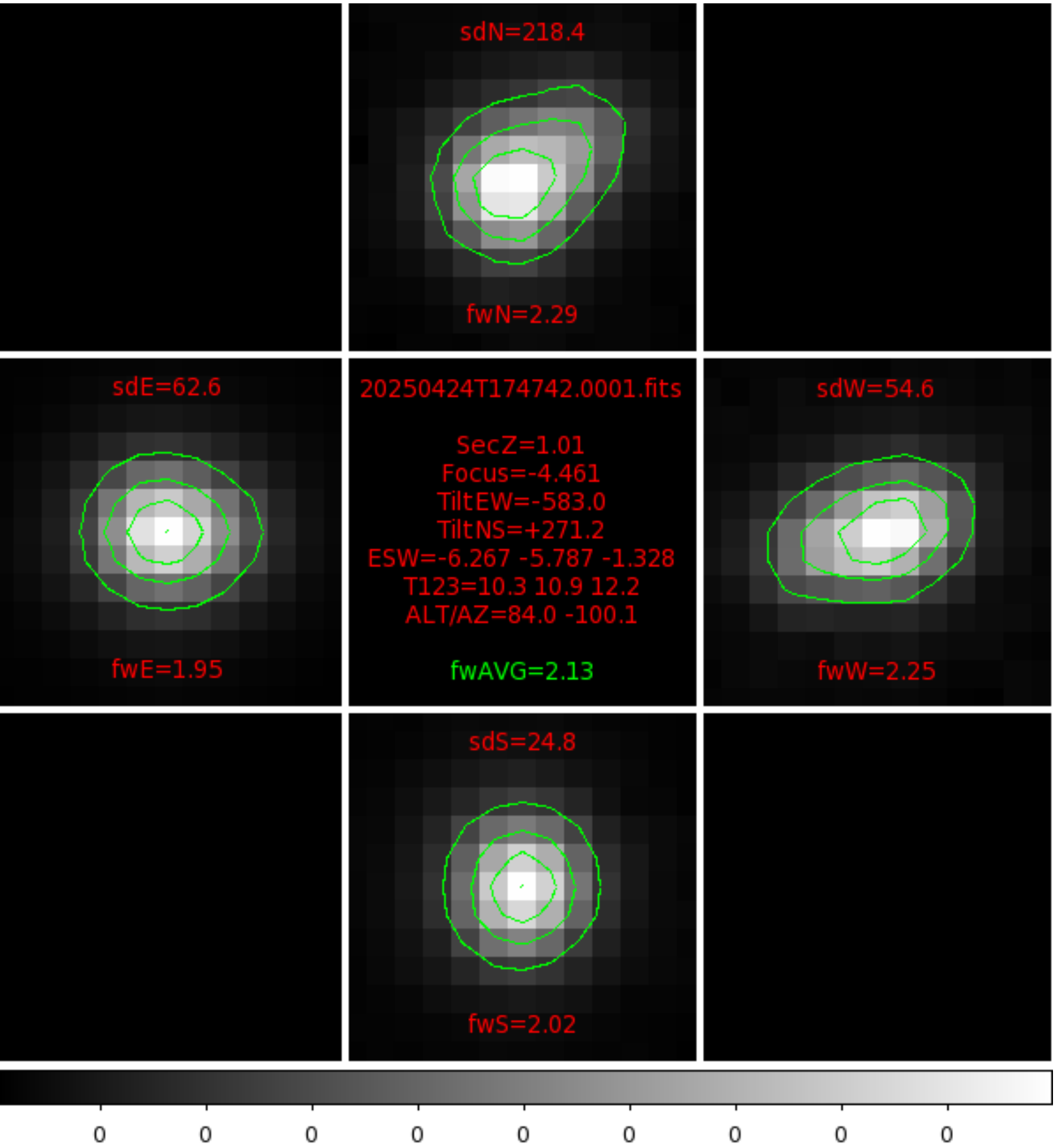
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 10.9 12.2
ALT/AZ=84.0 -100.1
fwAVG=2.13
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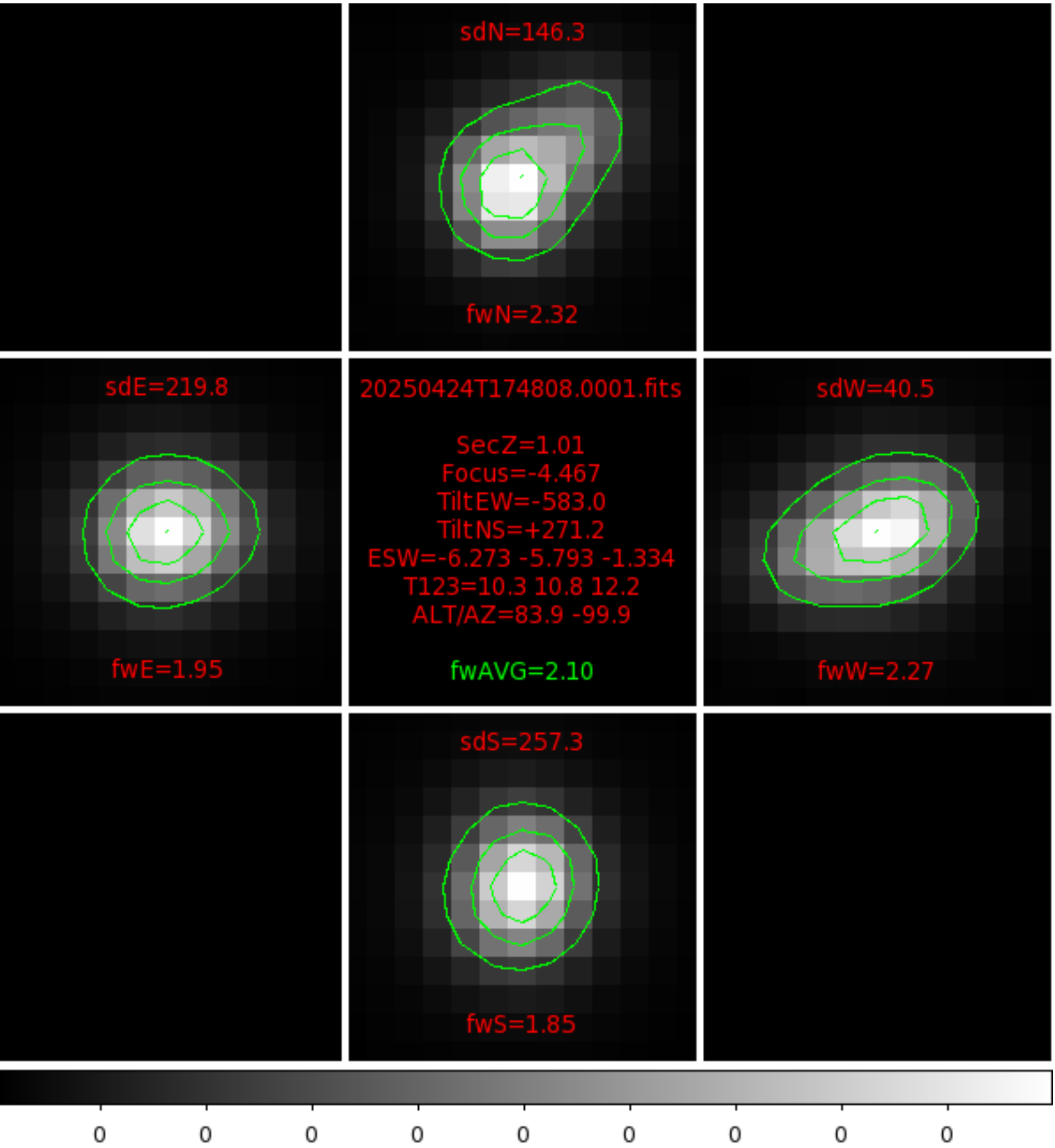
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fwN=2.32
sdE=219.8
fwE=1.95
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SecZ=1.01
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.3 10.8 12.2
ALT/AZ=83.9 -99.9
fwAVG=2.10
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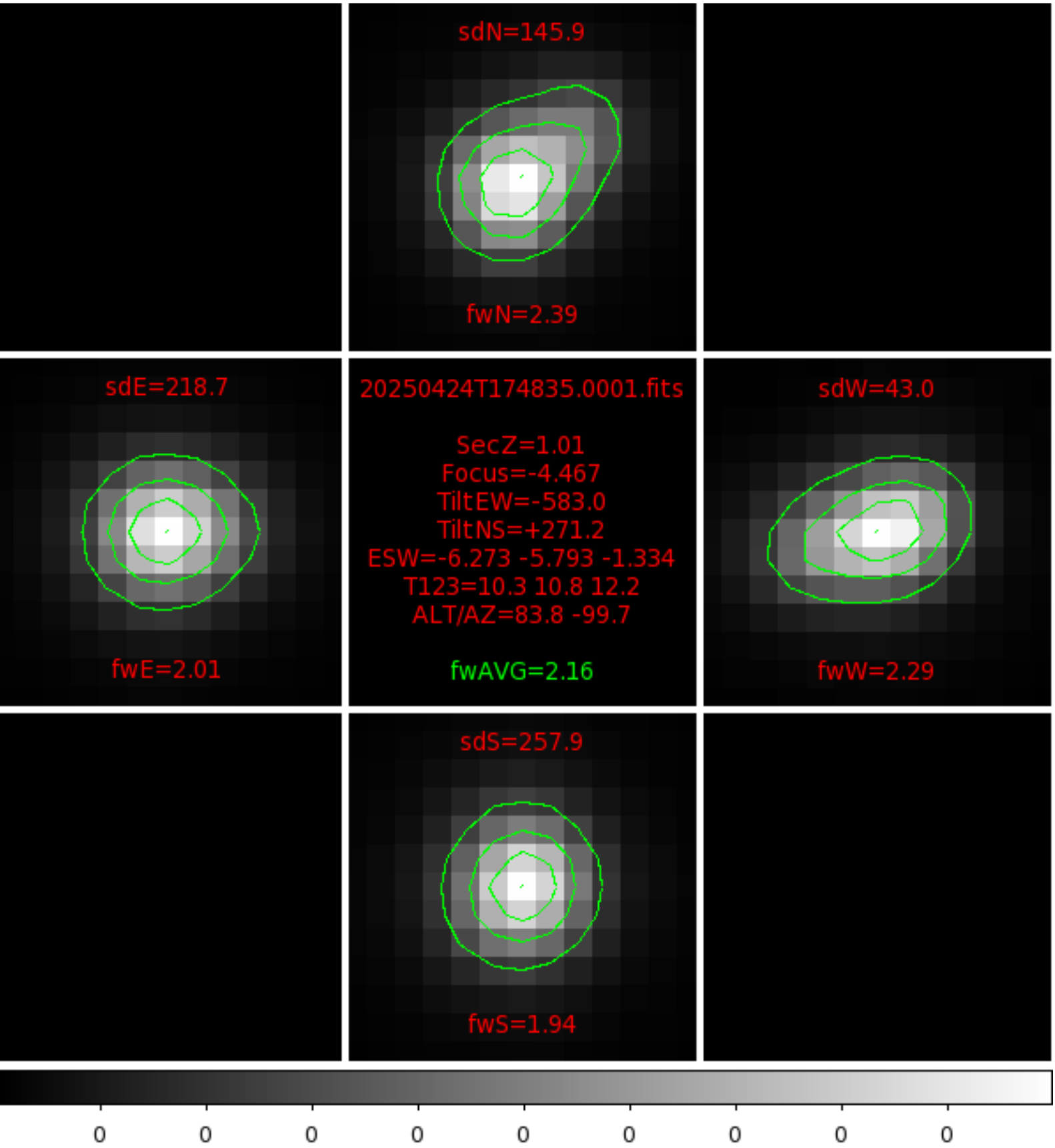
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SecZ=1.01
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.3 10.8 12.2
ALT/AZ=83.8 -99.7
fwAVG=2.16
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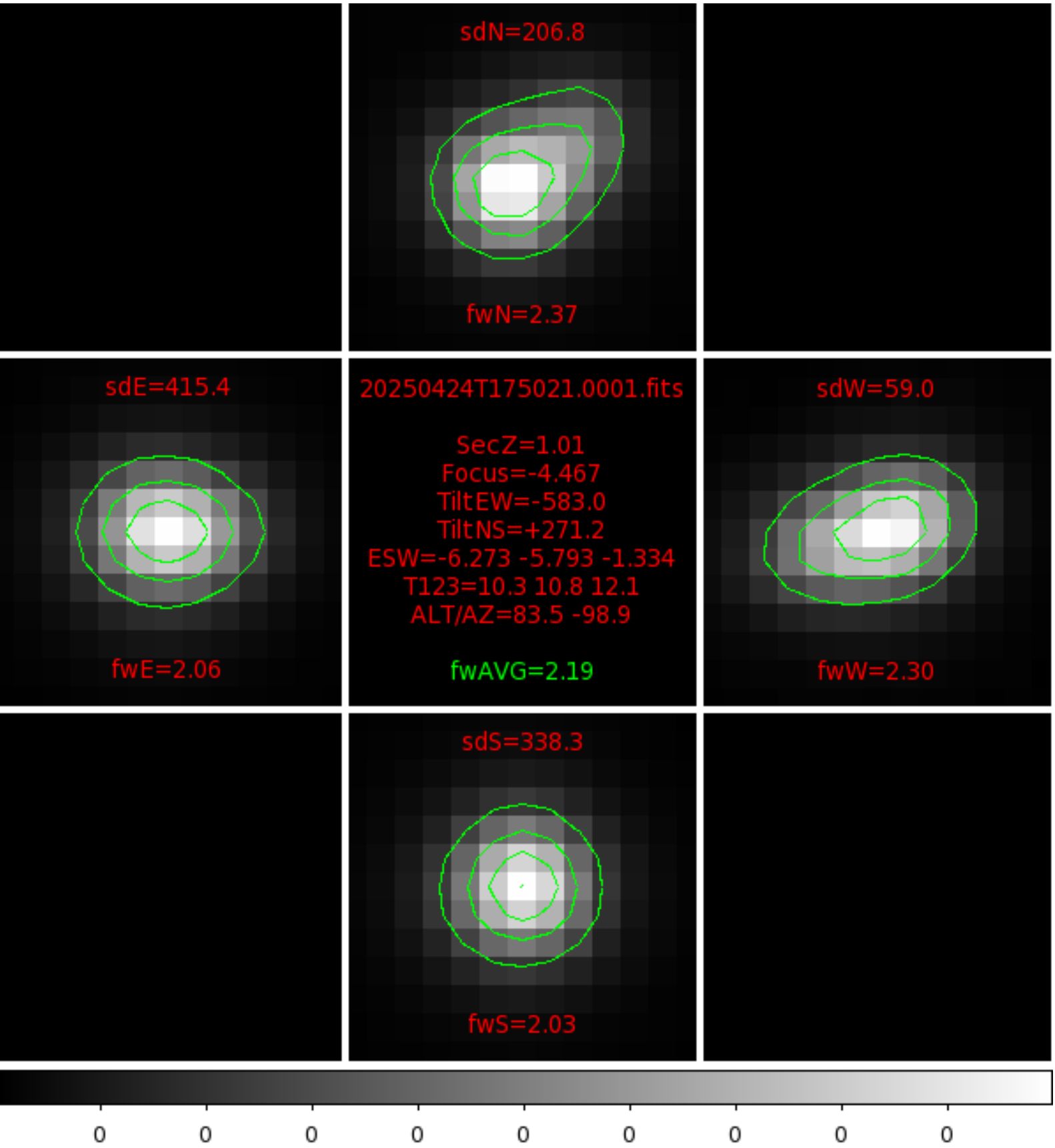
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sdE=415.4
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SecZ=1.01
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.3 10.8 12.1
ALT/AZ=83.5 -98.9
fwAVG=2.19
sdW=59.0
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sdS=338.3
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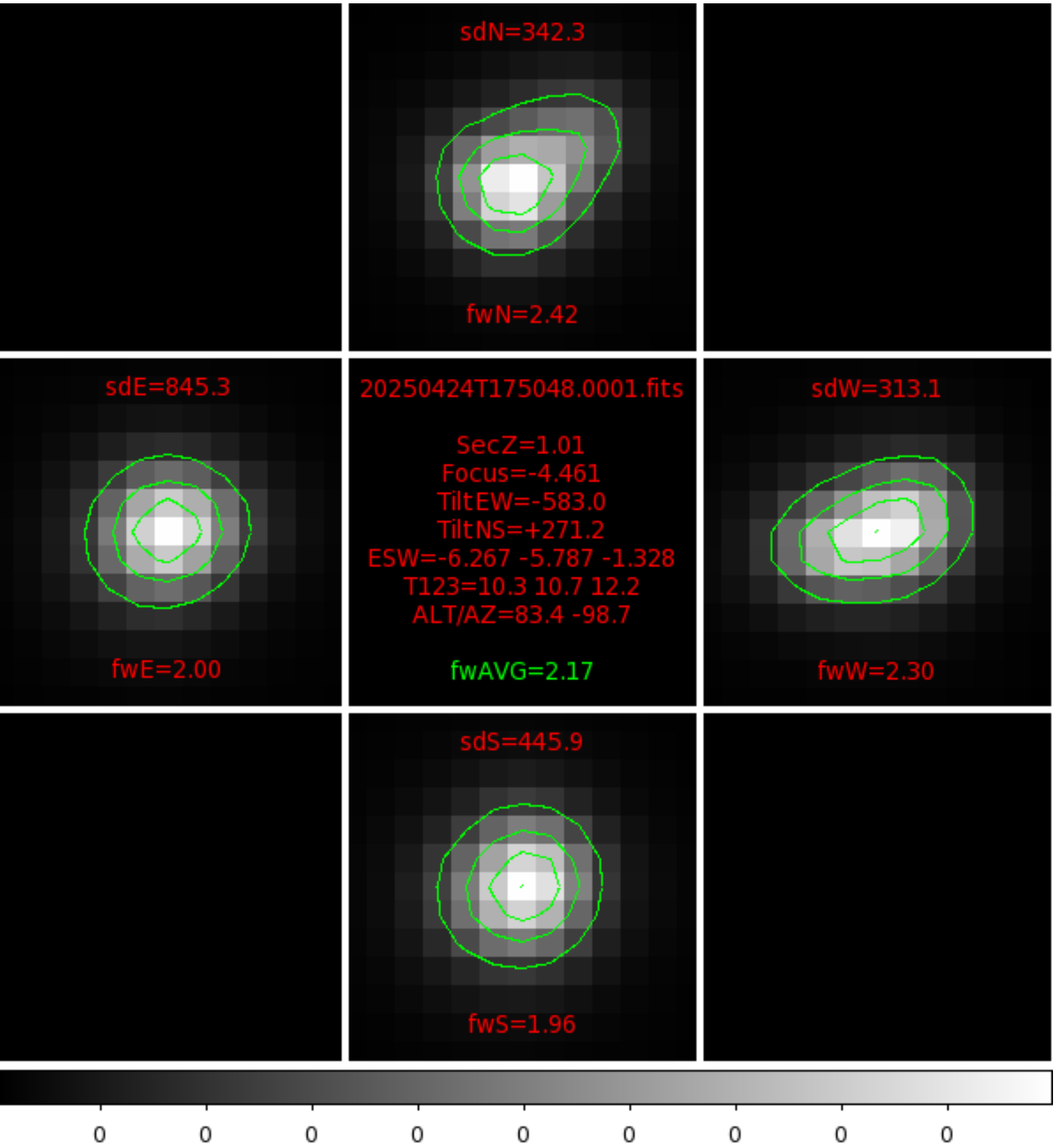
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 10.7 12.2
ALT/AZ=83.4 -98.7
fwAVG=2.17
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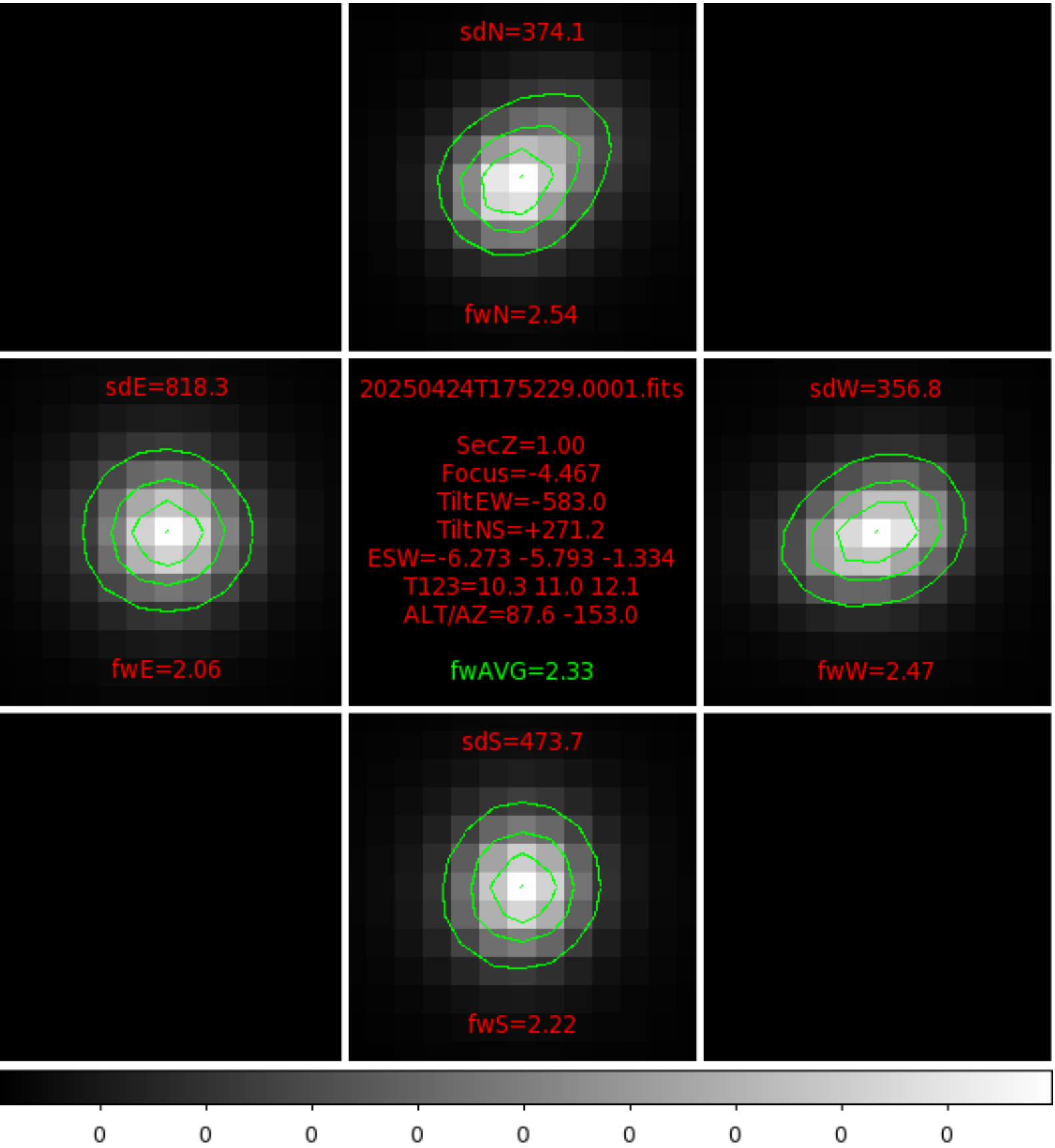
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ESW=-6.273 -5.793 -1.334
T123=10.3 11.0 12.1
ALT/AZ=87.6 -153.0
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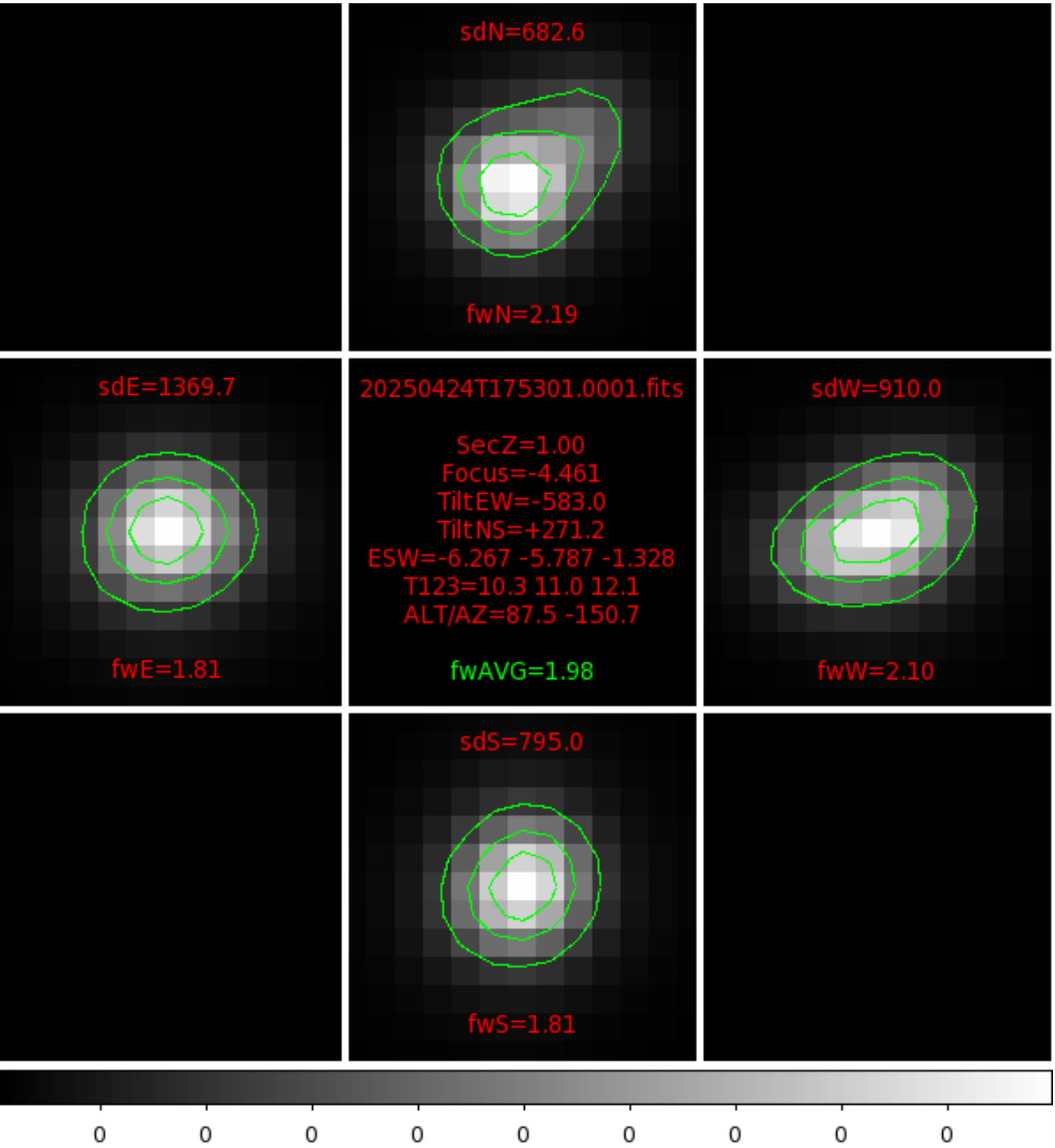
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 11.0 12.1
ALT/AZ=87.5 -150.7
fwAVG=1.98
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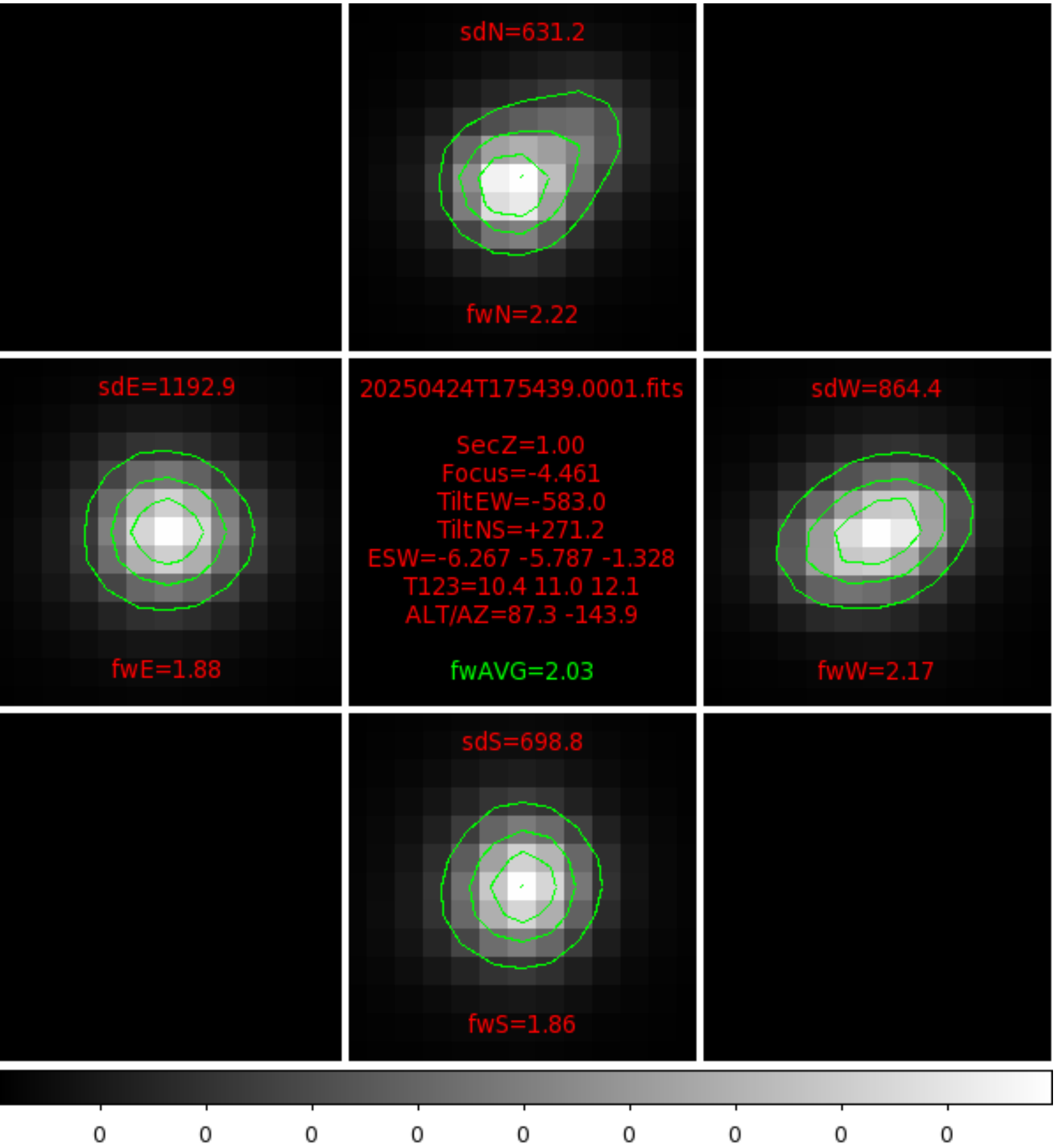
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=87.3 -143.9
fwAVG=2.03
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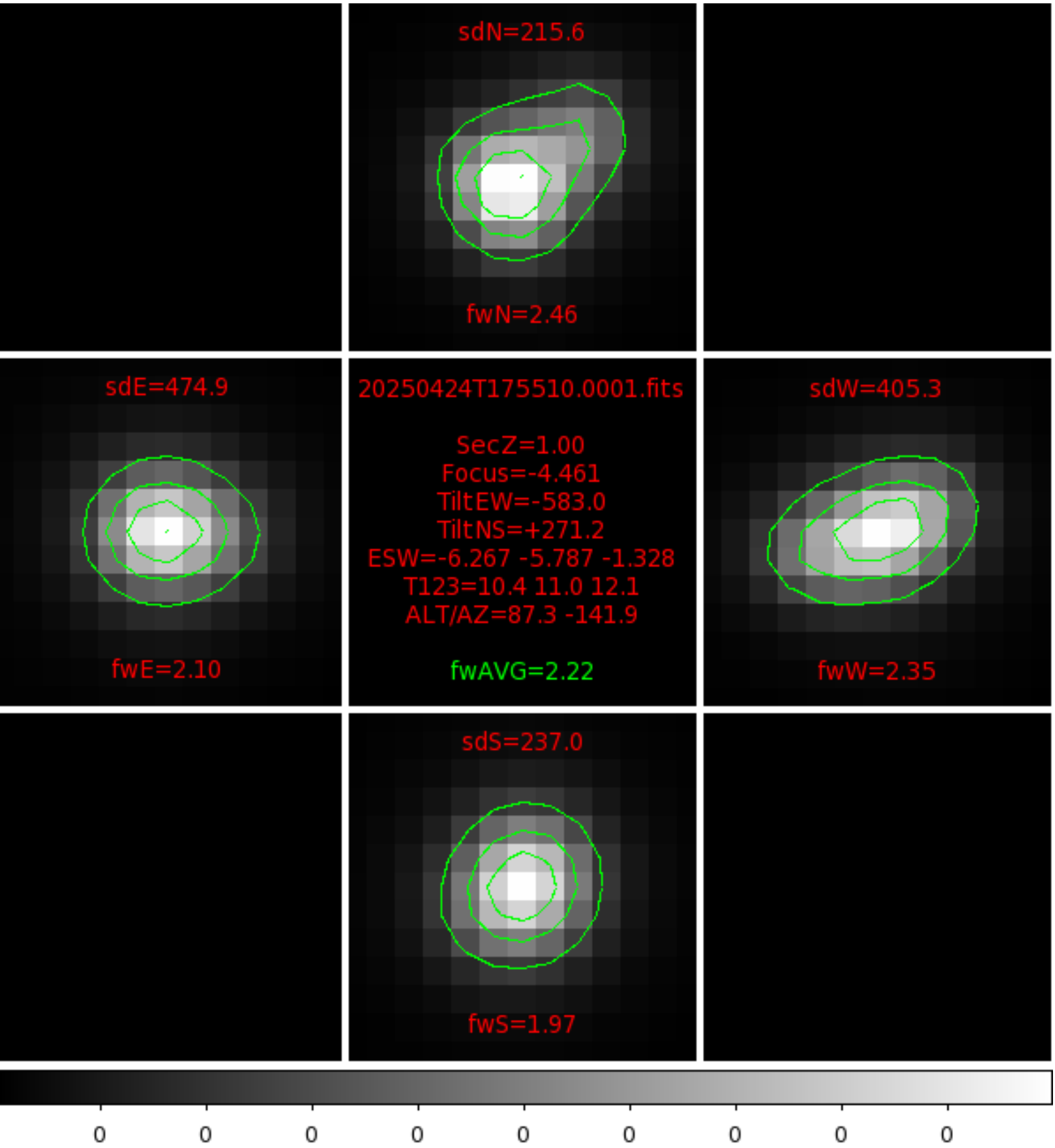
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=87.3 -141.9
fwAVG=2.22
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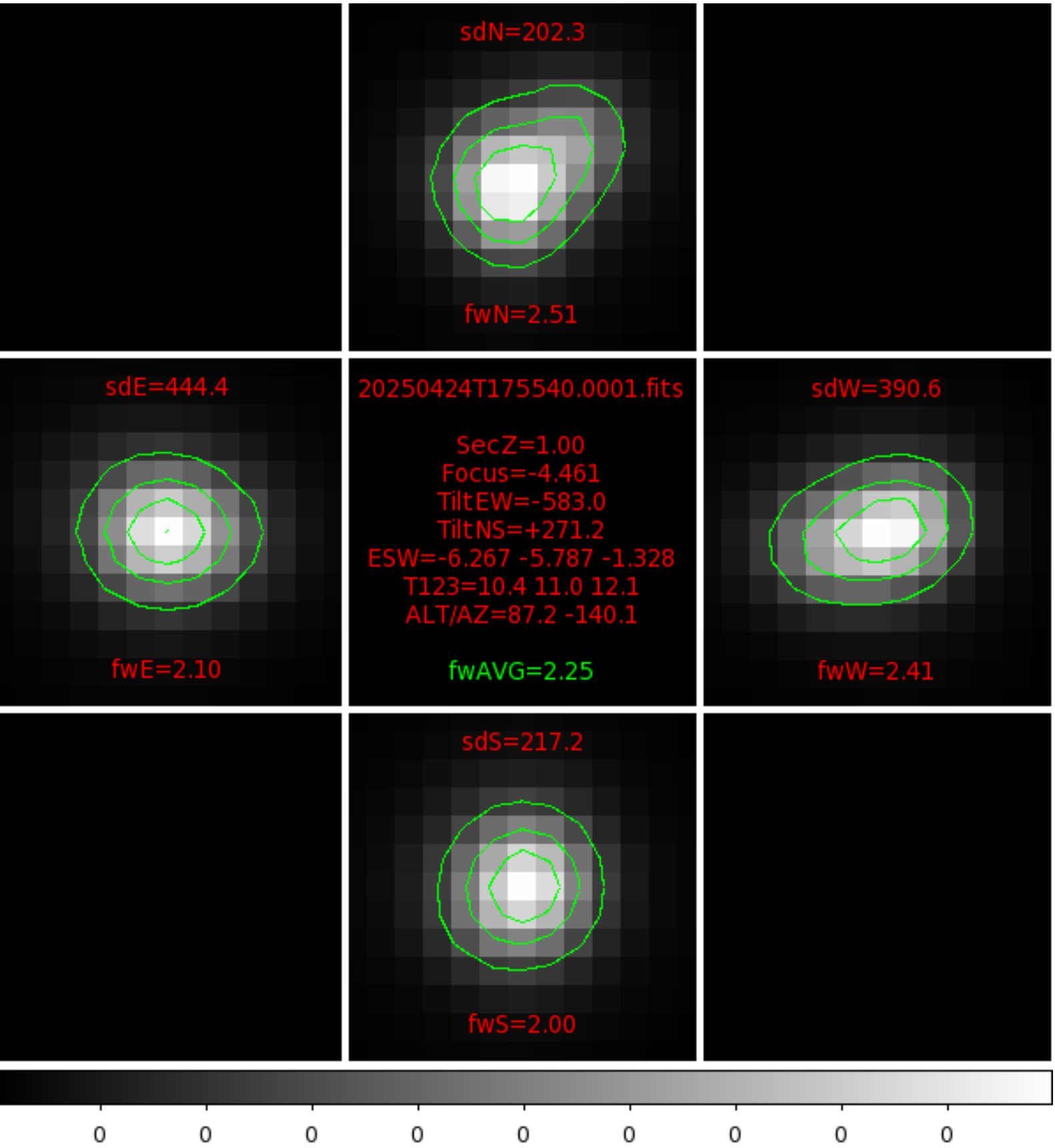
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=87.2 -140.1
fwAVG=2.25
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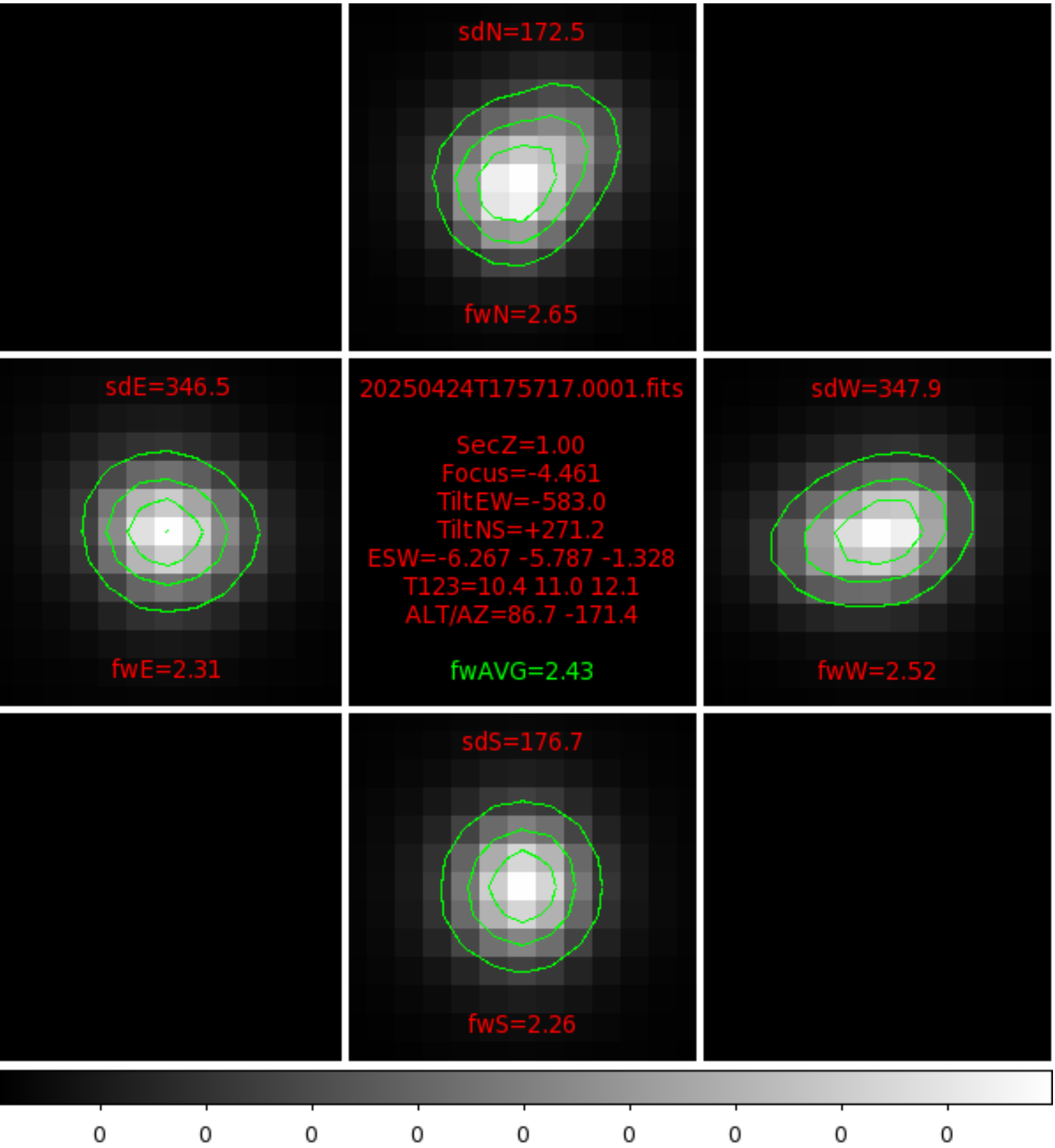
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=86.7 -171.4
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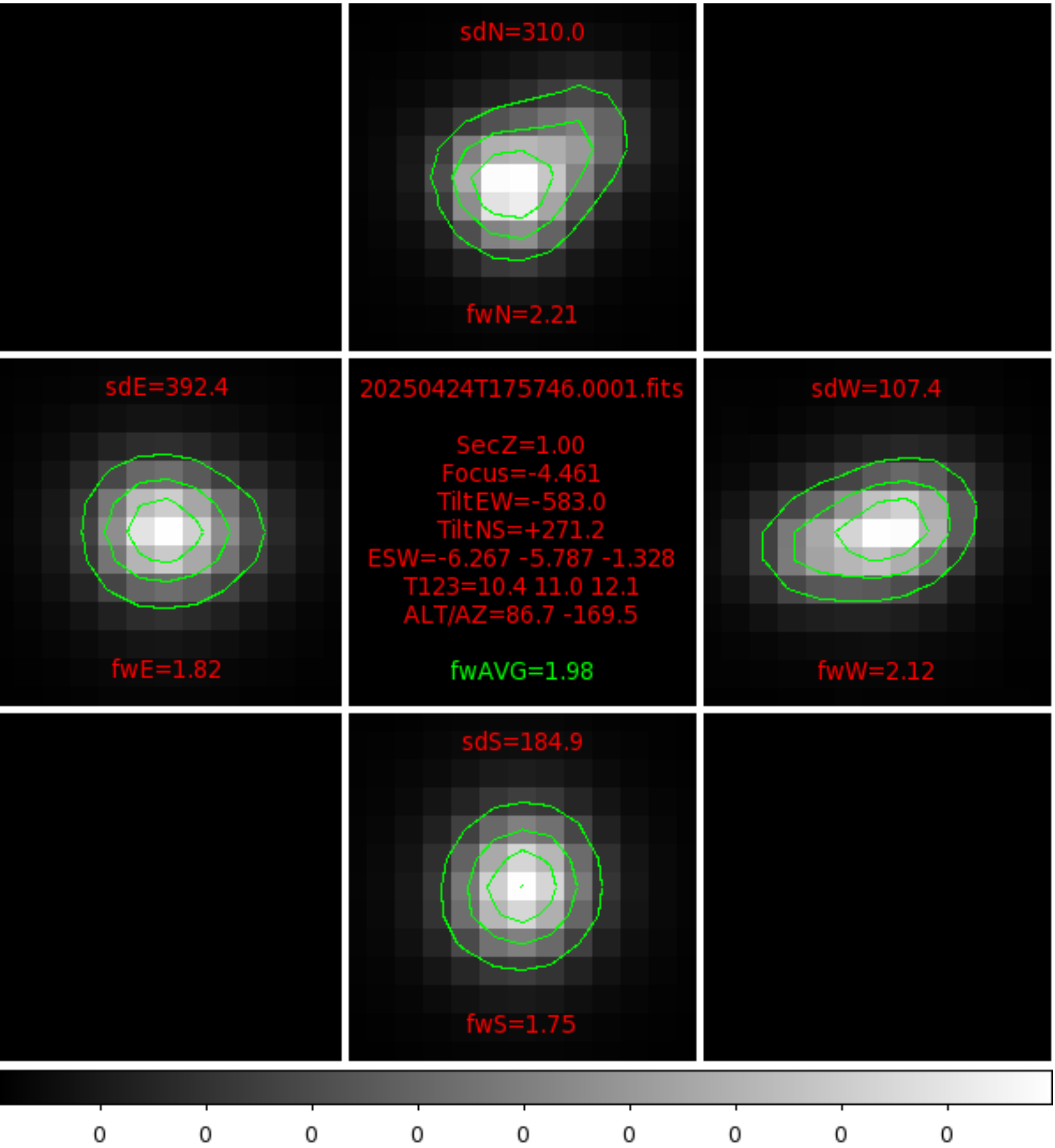
sdN=310.0
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fwE=1.82
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=86.7 -169.5
fwAVG=1.98
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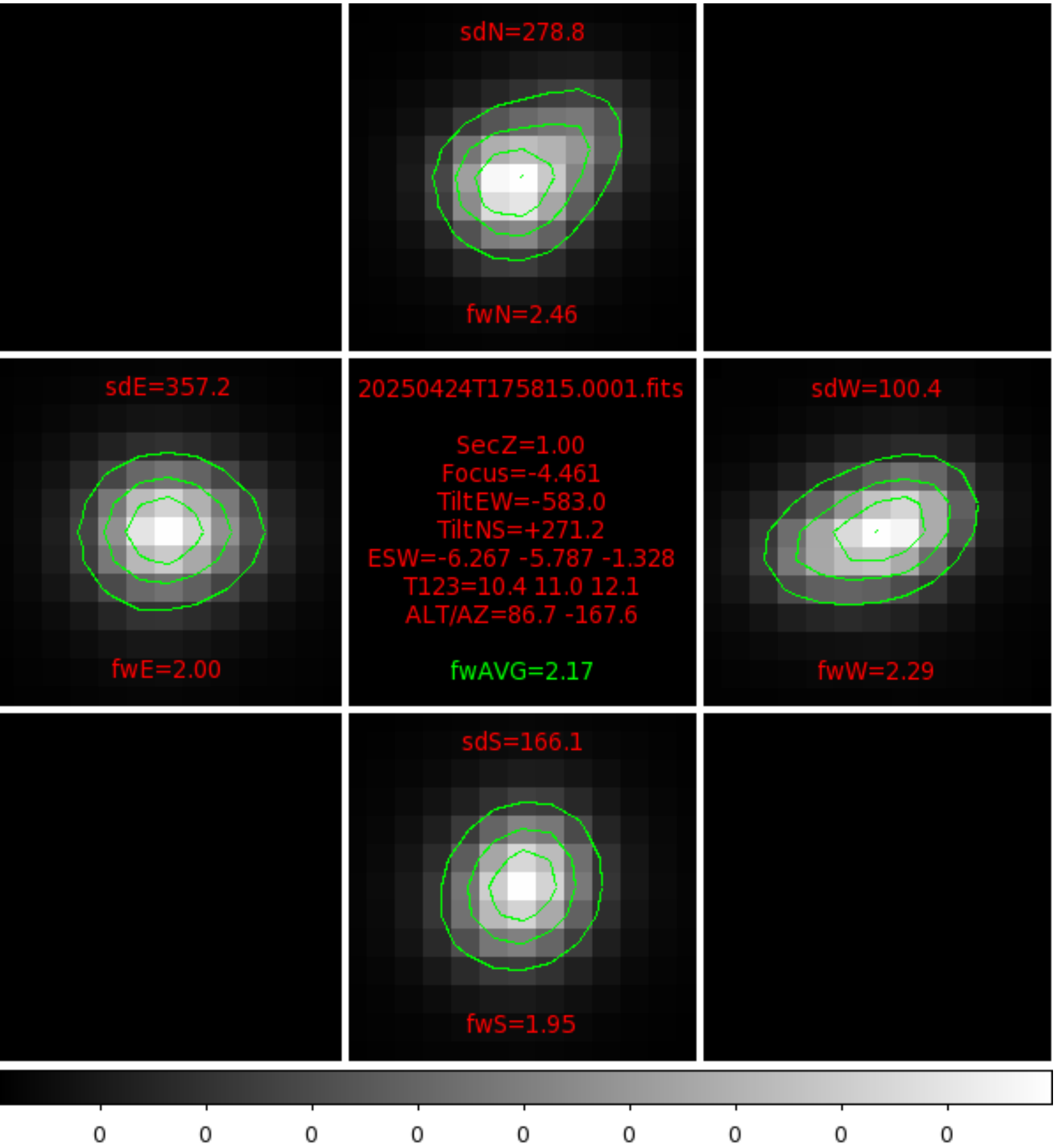
sdN=278.8
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sdE=357.2
fwE=2.00
20250424T175815.0001.fits
SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=86.7 -167.6
fwAVG=2.17
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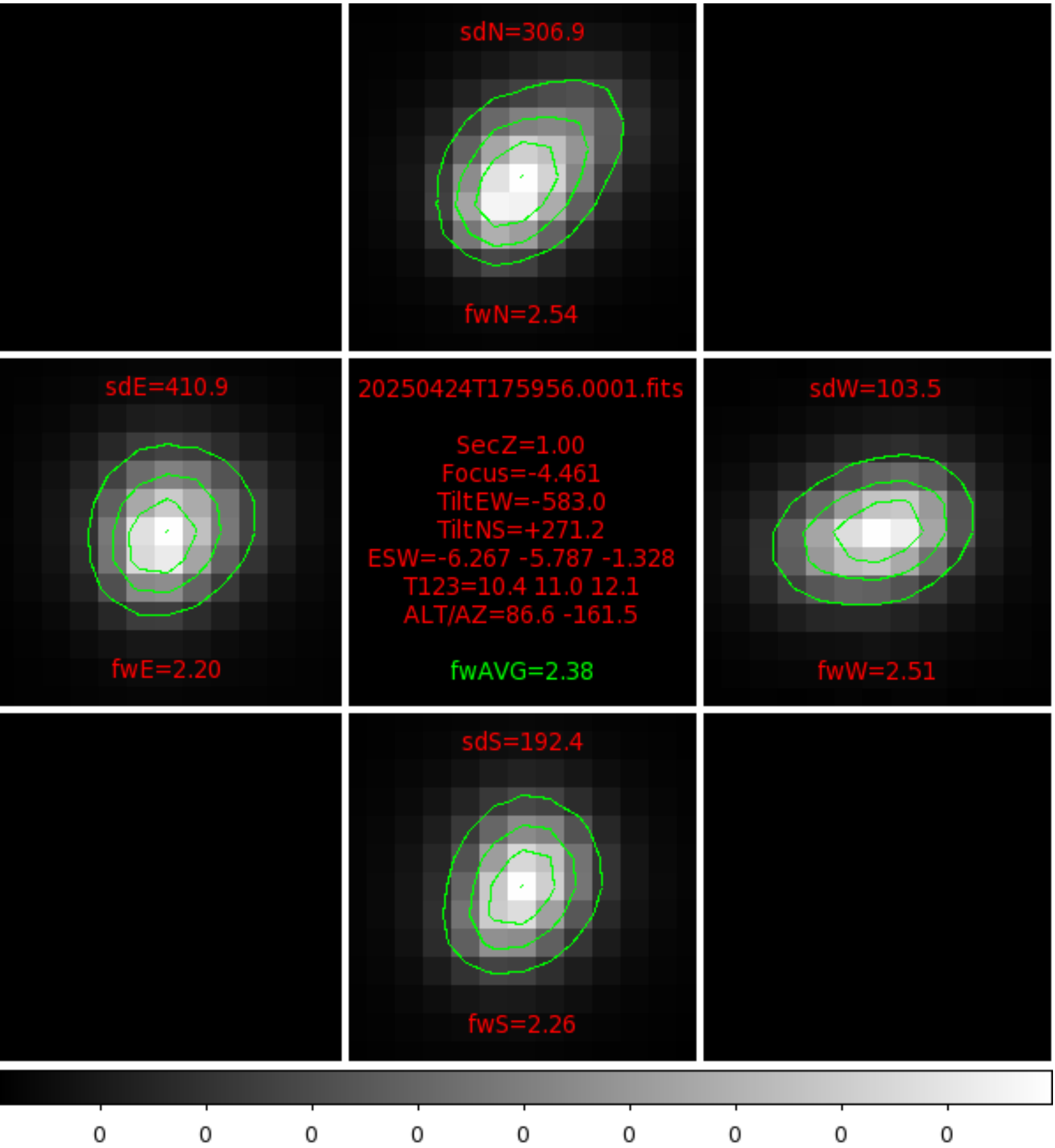
sdN=306.9
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SecZ=1.00
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=86.6 -161.5
fwAVG=2.38
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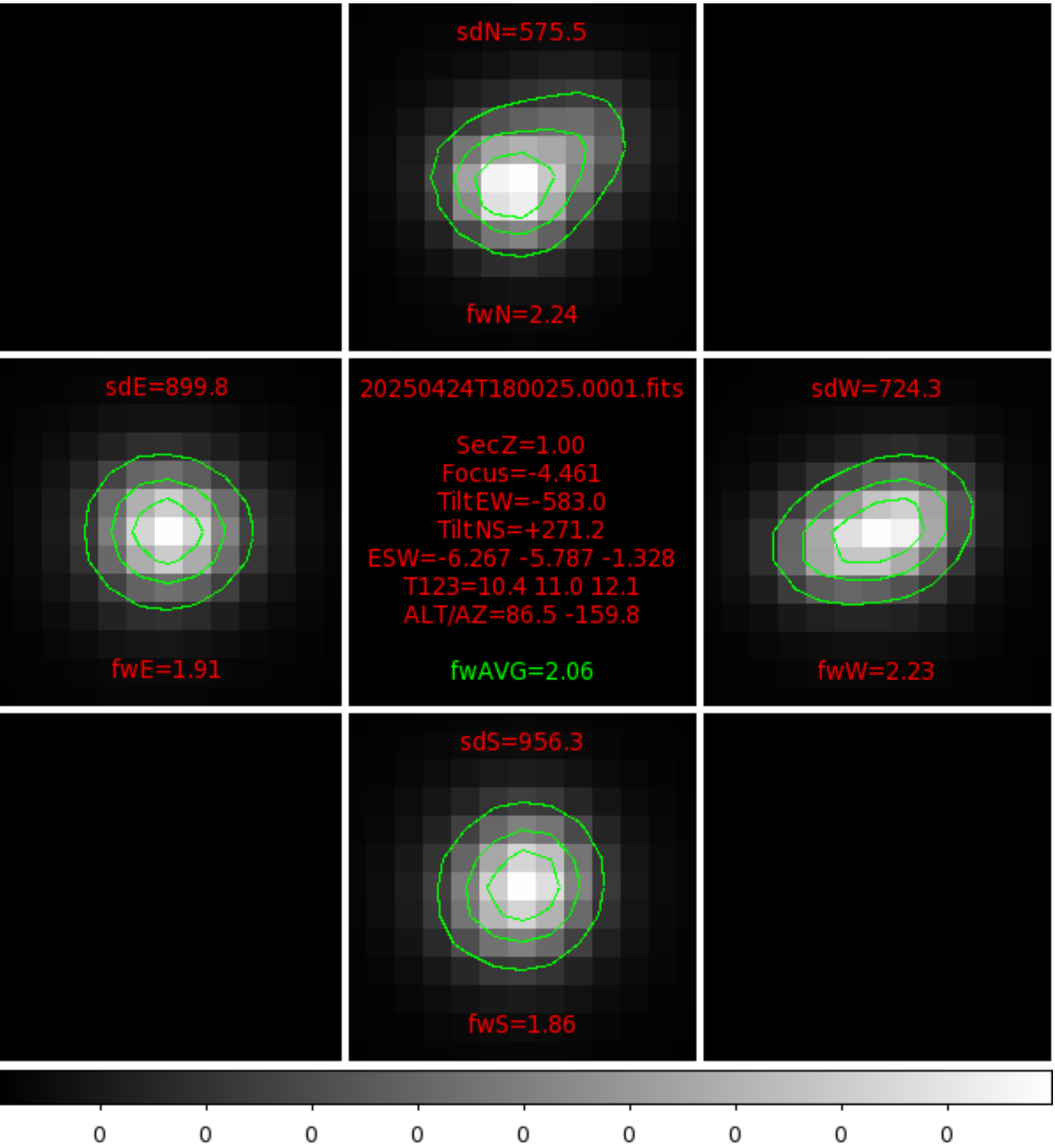
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sdE=899.8
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 11.0 12.1
ALT/AZ=86.5 -159.8
fwAVG=2.06
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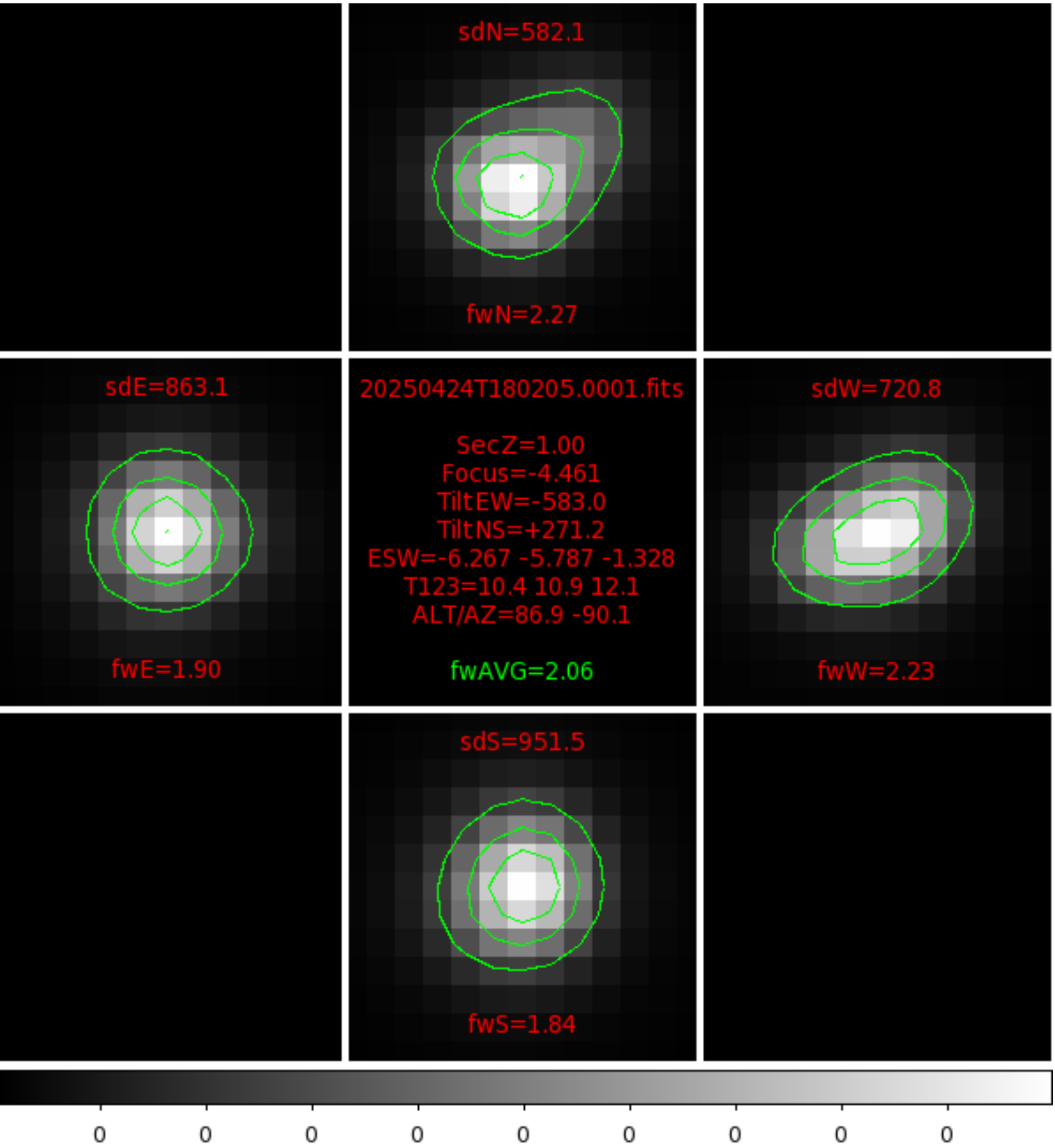
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fwE=1.90
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.4 10.9 12.1
ALT/AZ=86.9 -90.1
fwAVG=2.06
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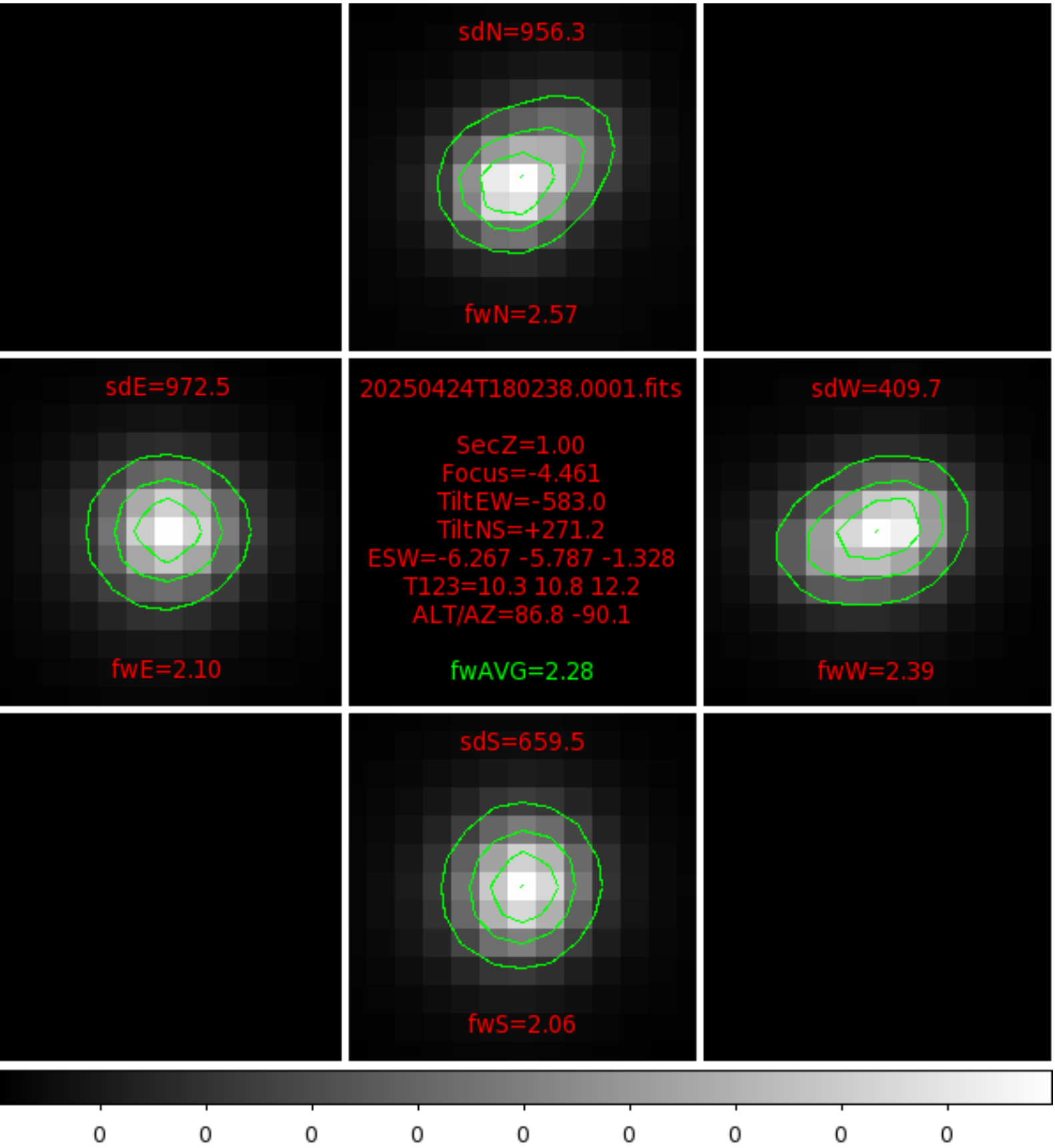
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sdE=972.5
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 10.8 12.2
ALT/AZ=86.8 -90.1
fwAVG=2.28
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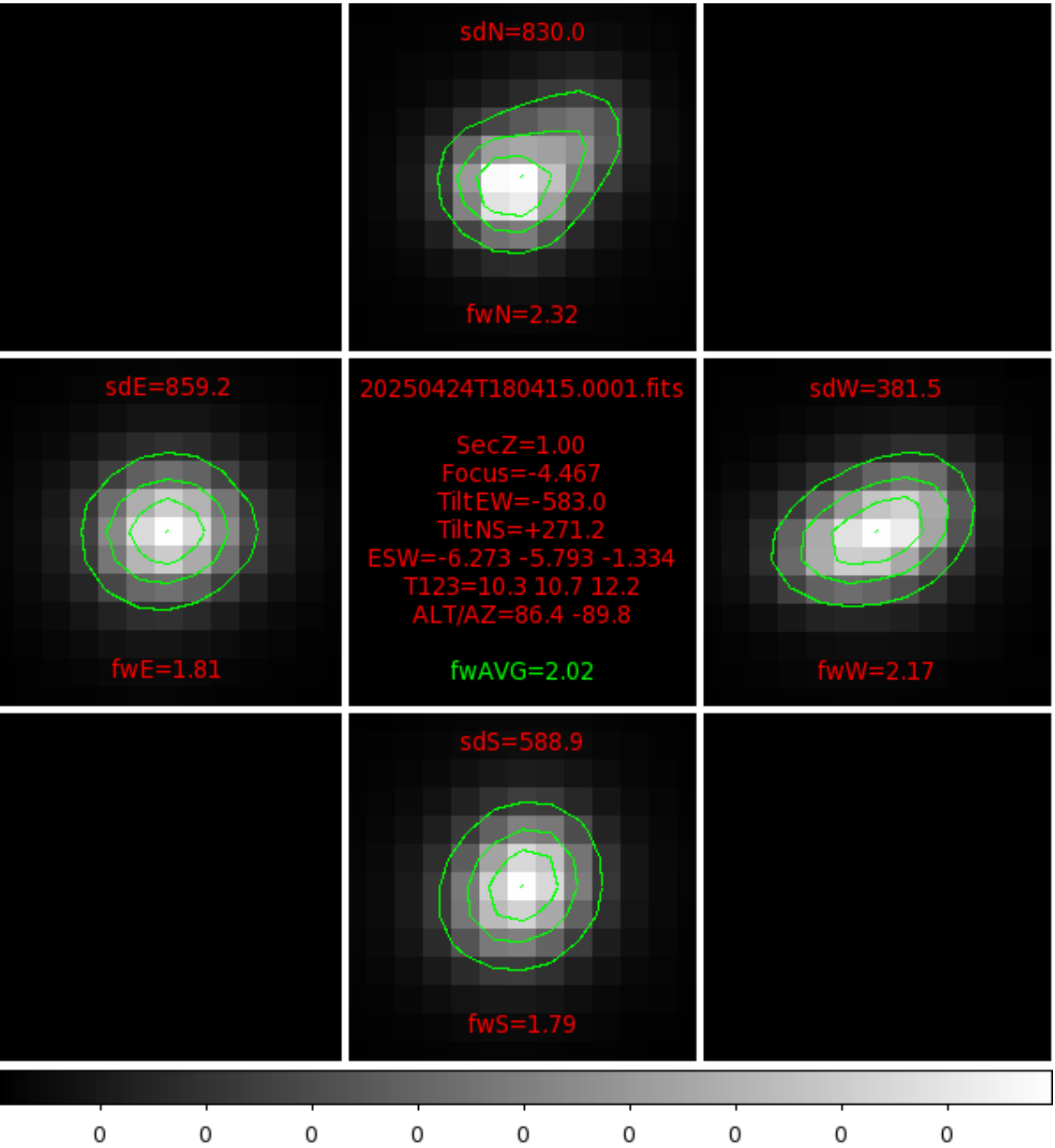
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fwE=1.81
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SecZ=1.00
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.3 10.7 12.2
ALT/AZ=86.4 -89.8
fwAVG=2.02
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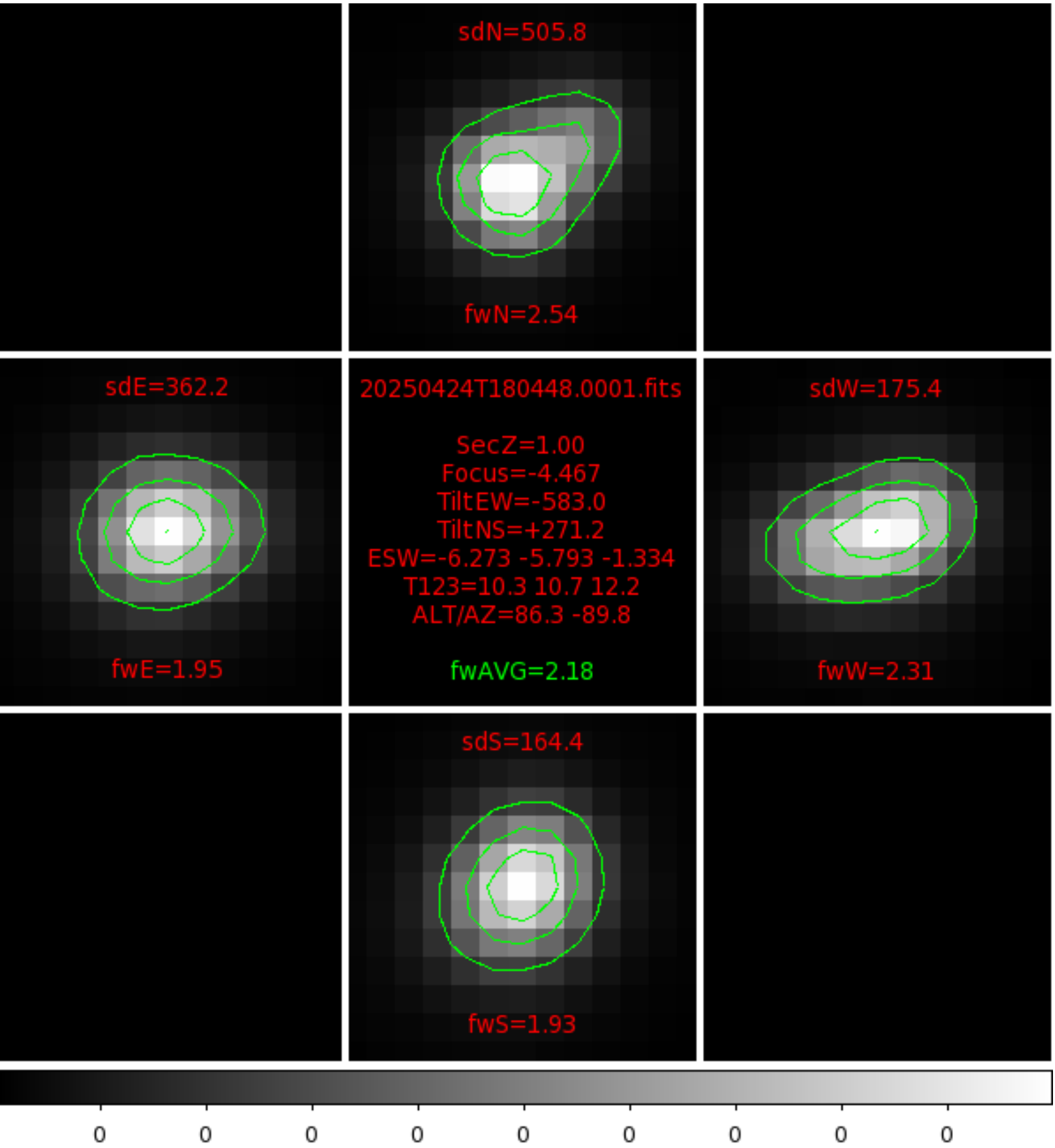
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sdE=362.2
fwE=1.95
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SecZ=1.00
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.3 10.7 12.2
ALT/AZ=86.3 -89.8
fwAVG=2.18
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sdS=164.4
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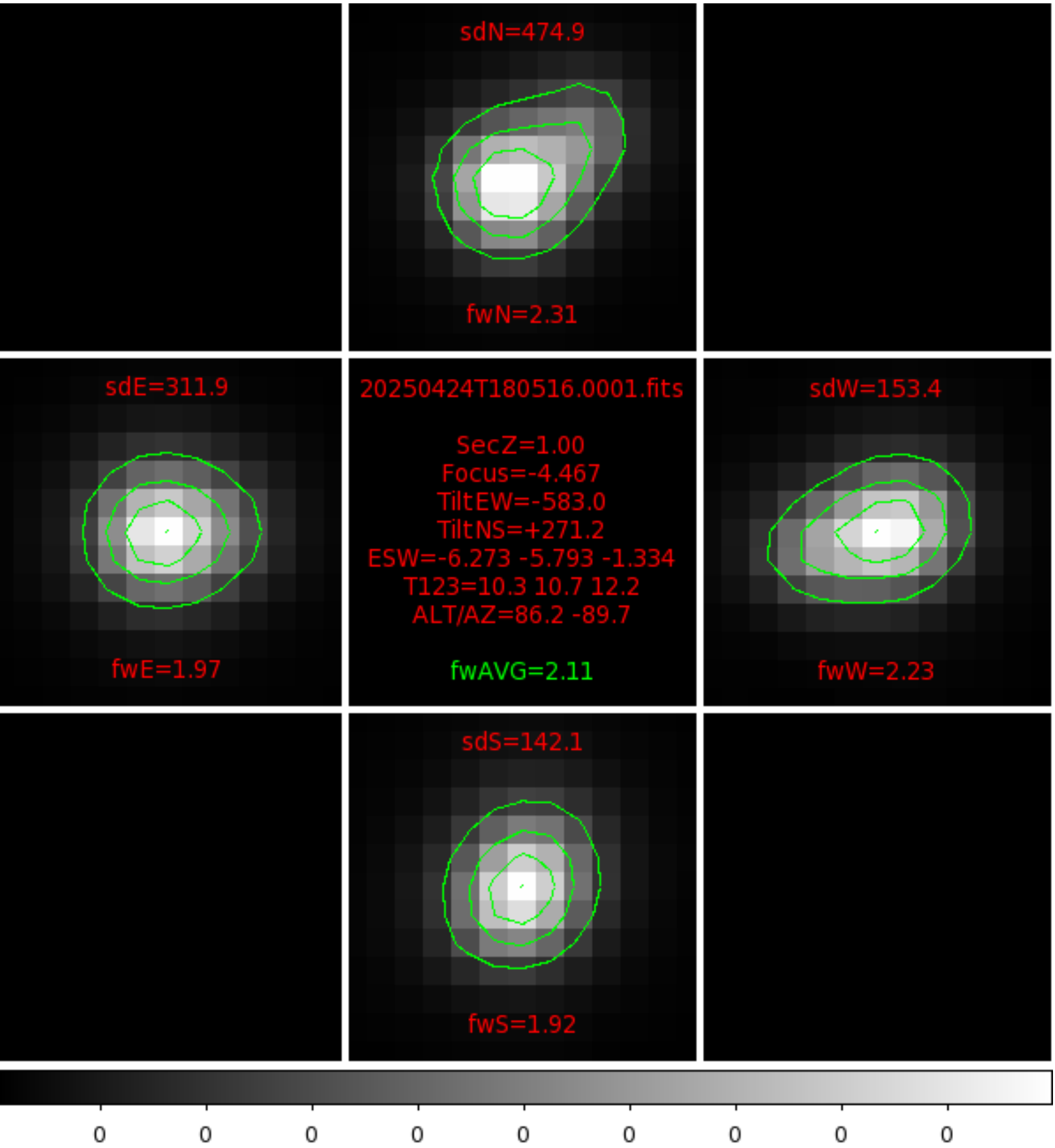
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sdE=311.9
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SecZ=1.00
Focus=-4.467
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.3 10.7 12.2
ALT/AZ=86.2 -89.7
fwAVG=2.11
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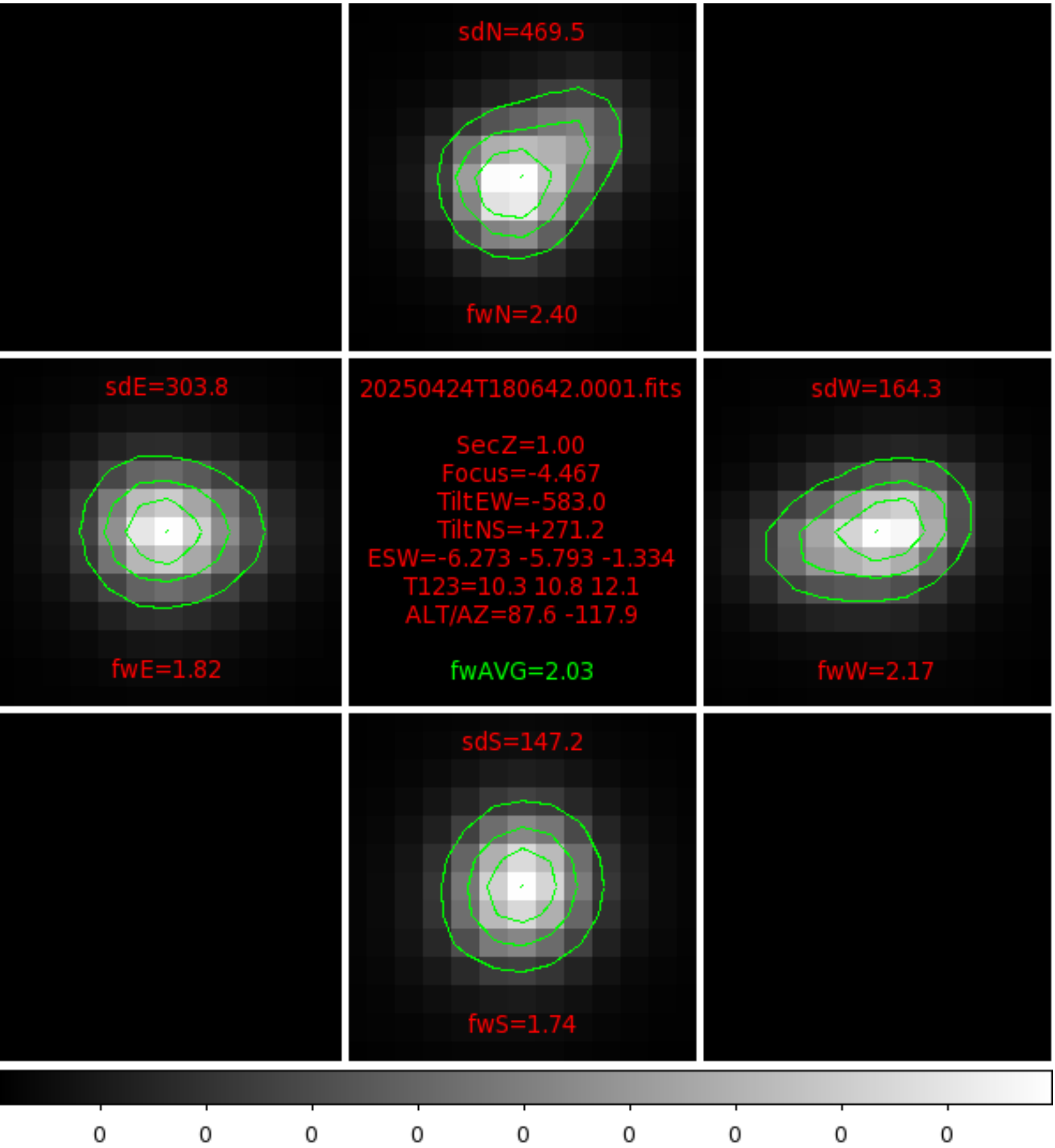
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.273 -5.793 -1.334
T123=10.3 10.8 12.1
ALT/AZ=87.6 -117.9
fwAVG=2.03
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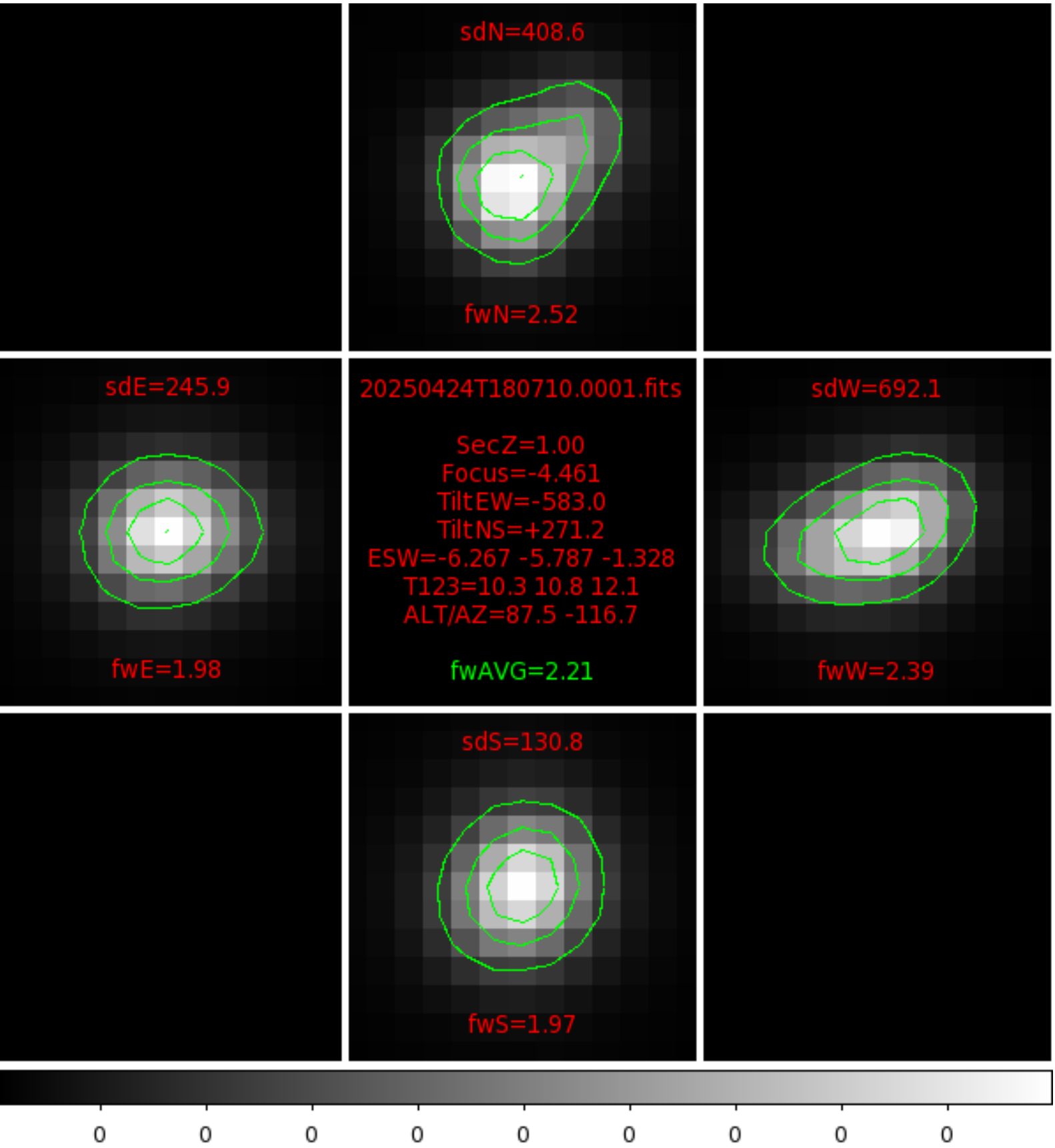
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SecZ=1.00
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 10.8 12.1
ALT/AZ=87.5 -116.7
fwAVG=2.21
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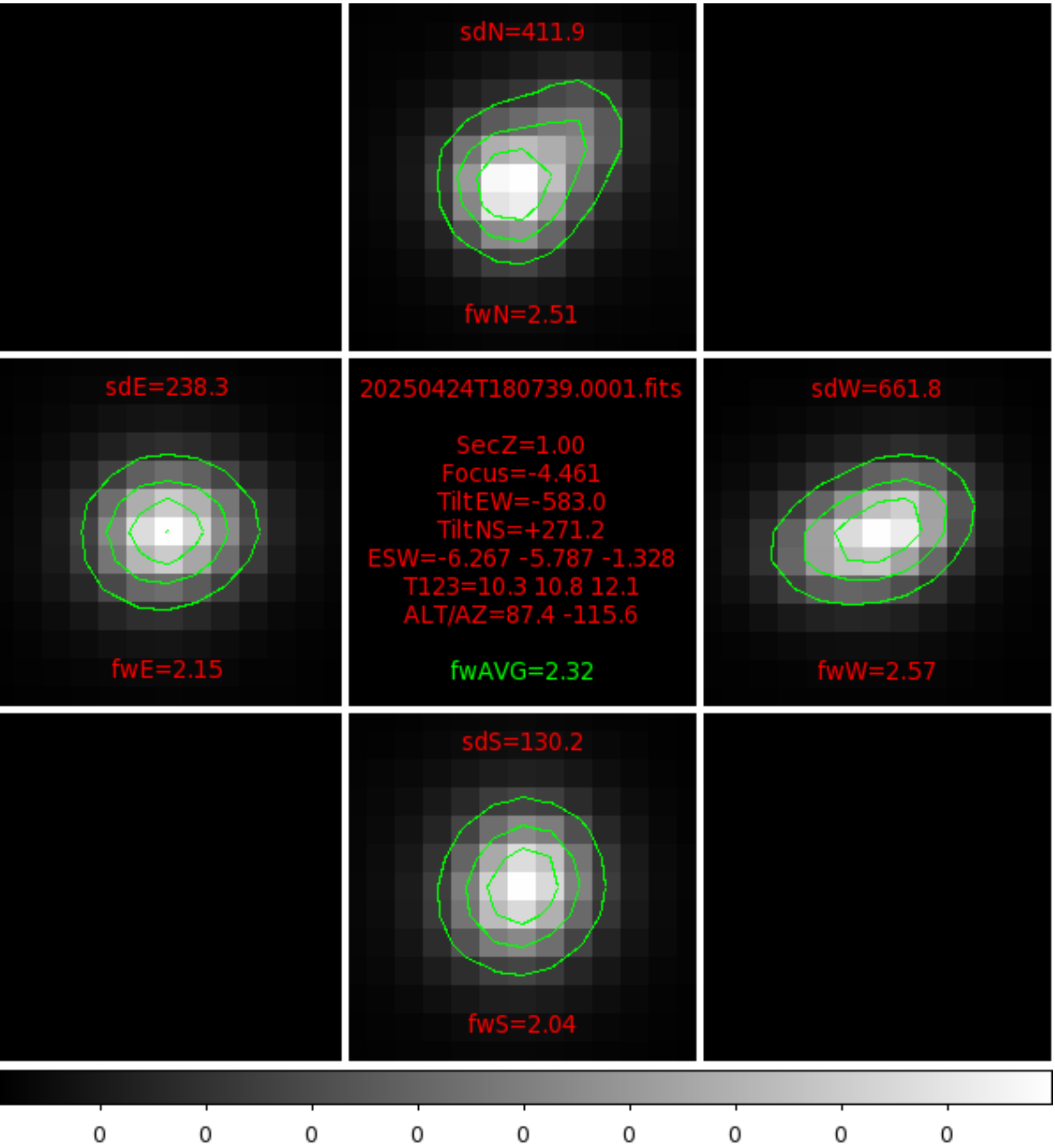
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 10.8 12.1
ALT/AZ=87.4 -115.6
fwAVG=2.32
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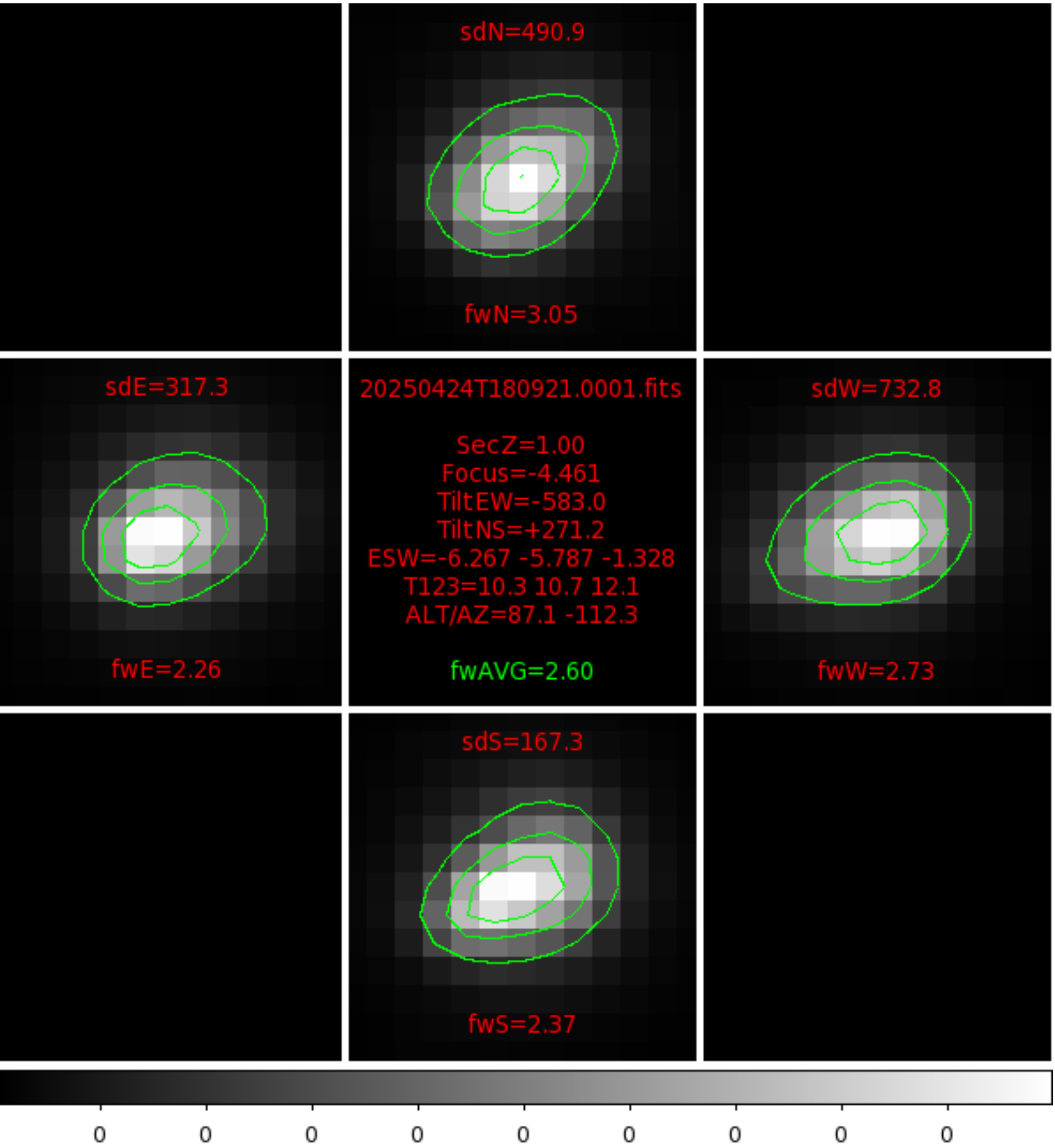
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 10.7 12.1
ALT/AZ=87.1 -112.3
fwAVG=2.60
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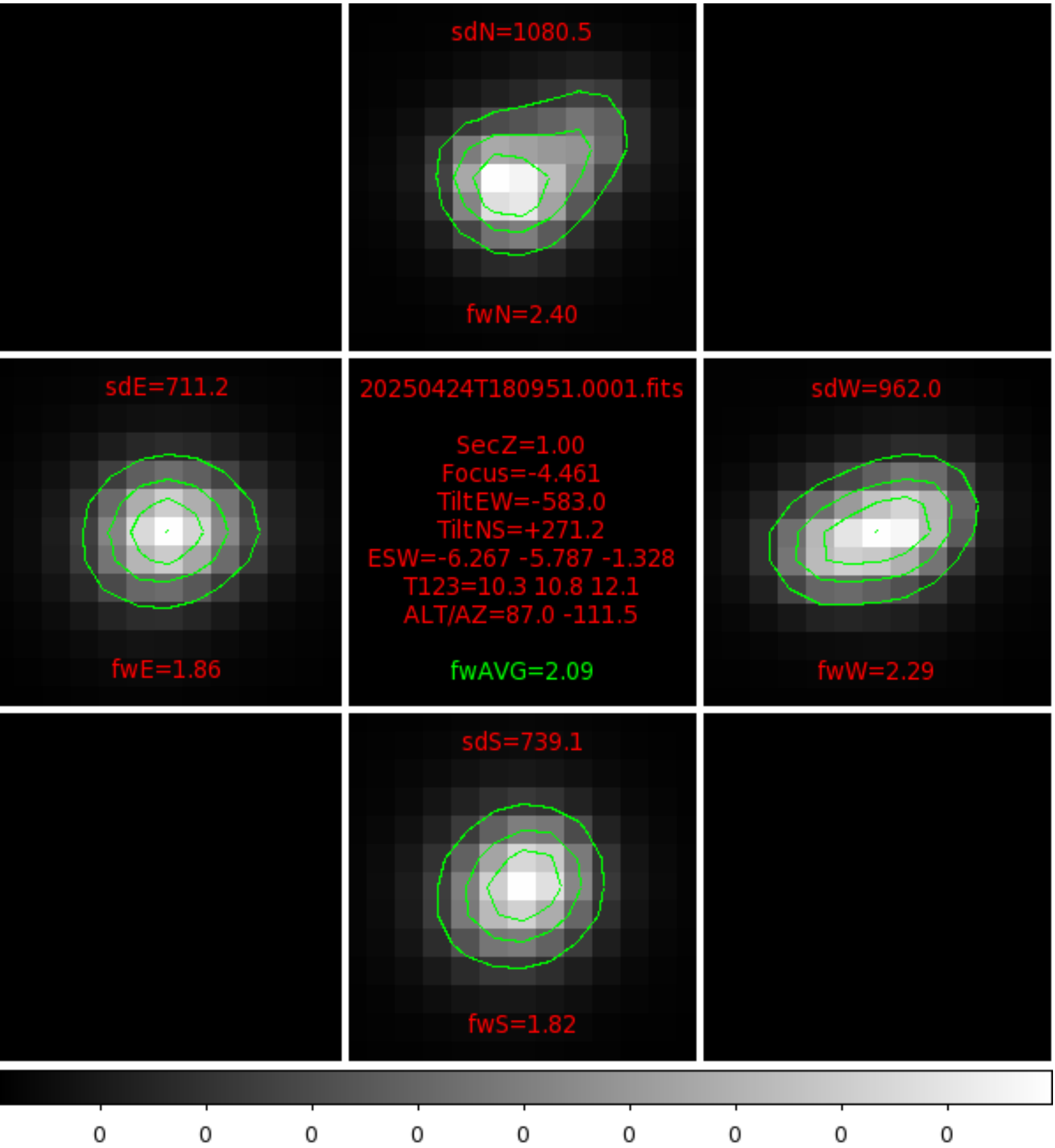
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 10.8 12.1
ALT/AZ=87.0 -111.5
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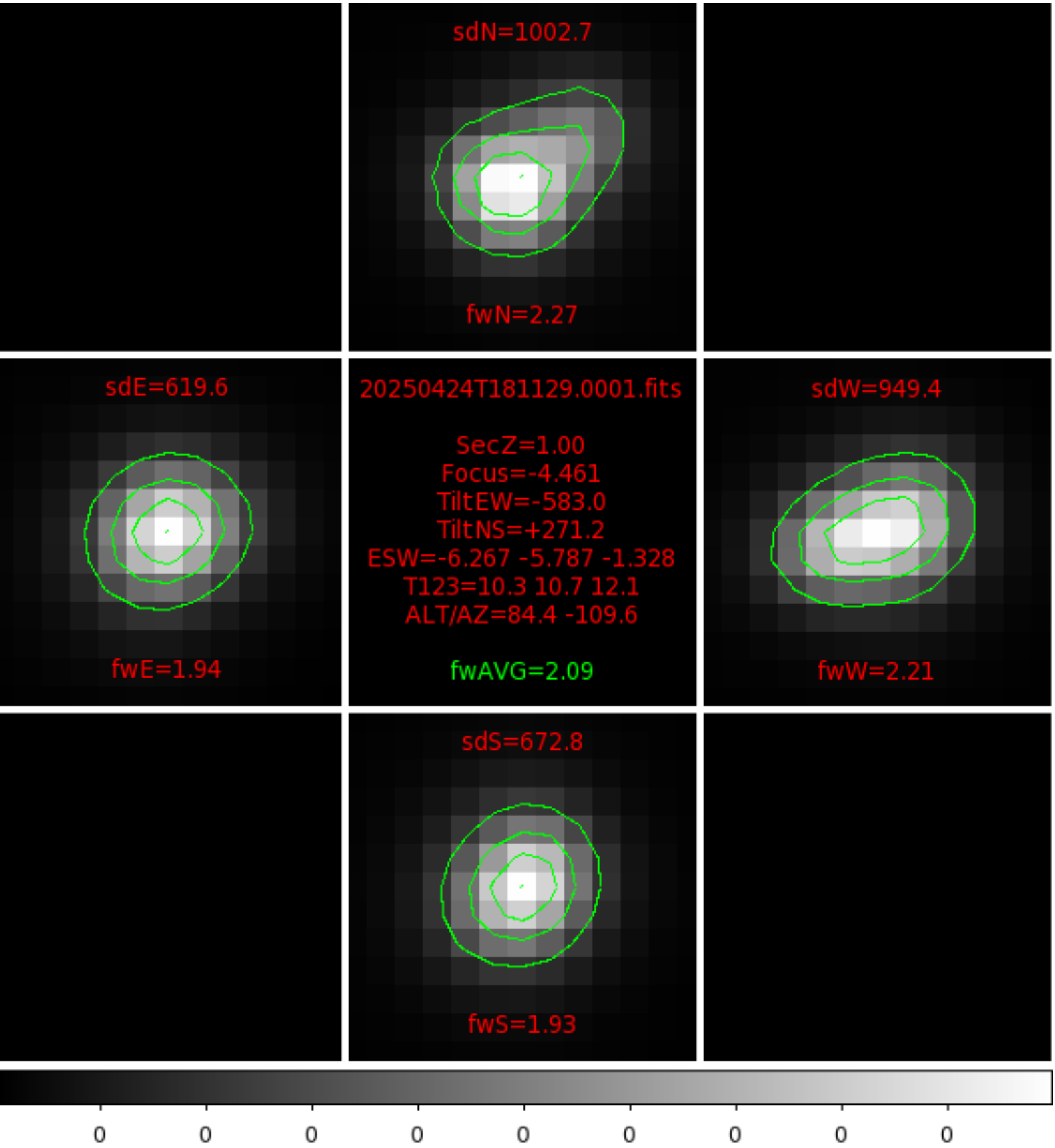
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SecZ=1.00
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 10.7 12.1
ALT/AZ=84.4 -109.6
fwAVG=2.09
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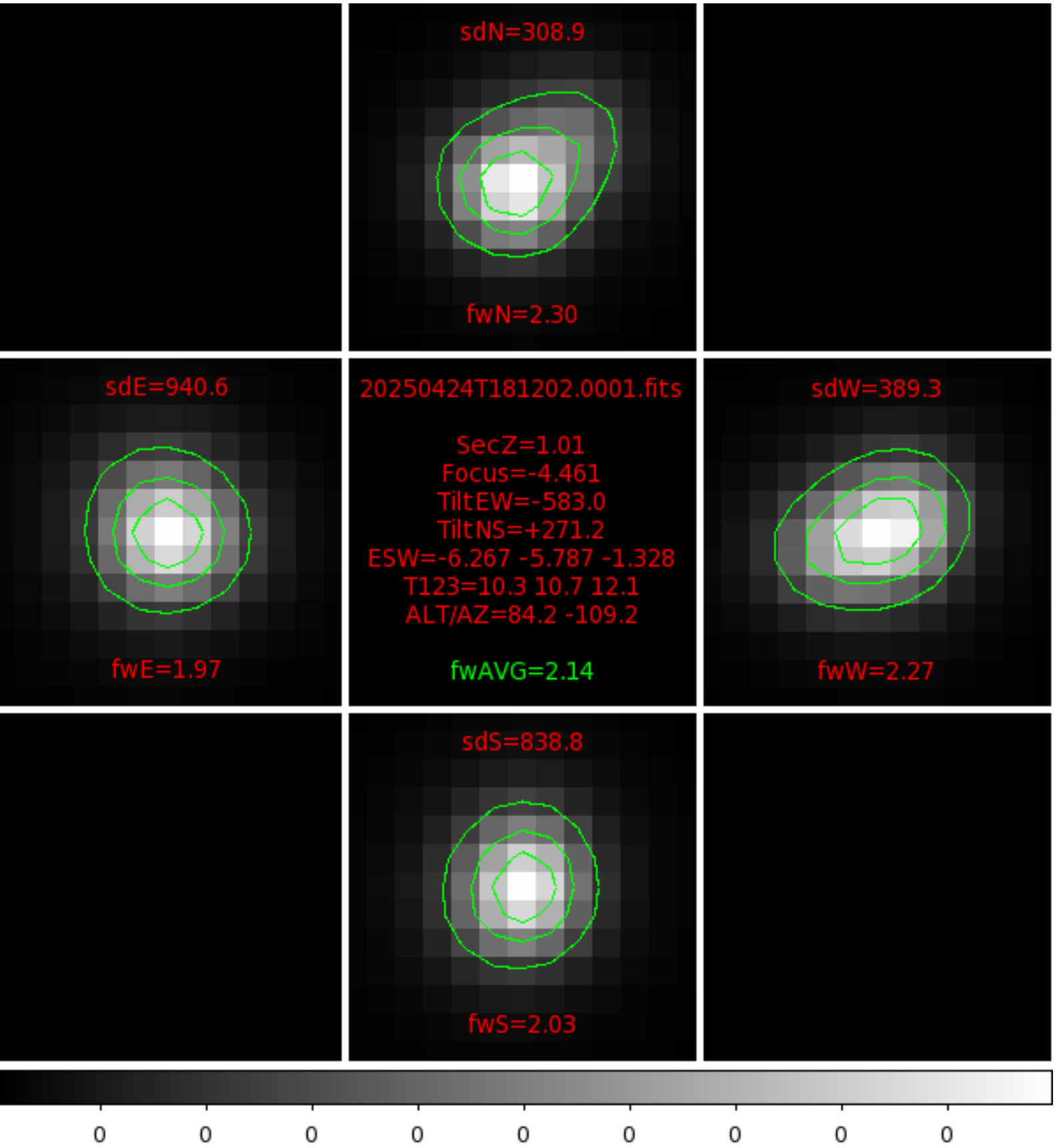
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sdE=940.6
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 10.7 12.1
ALT/AZ=84.2 -109.2
fwAVG=2.14
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fwW=2.27
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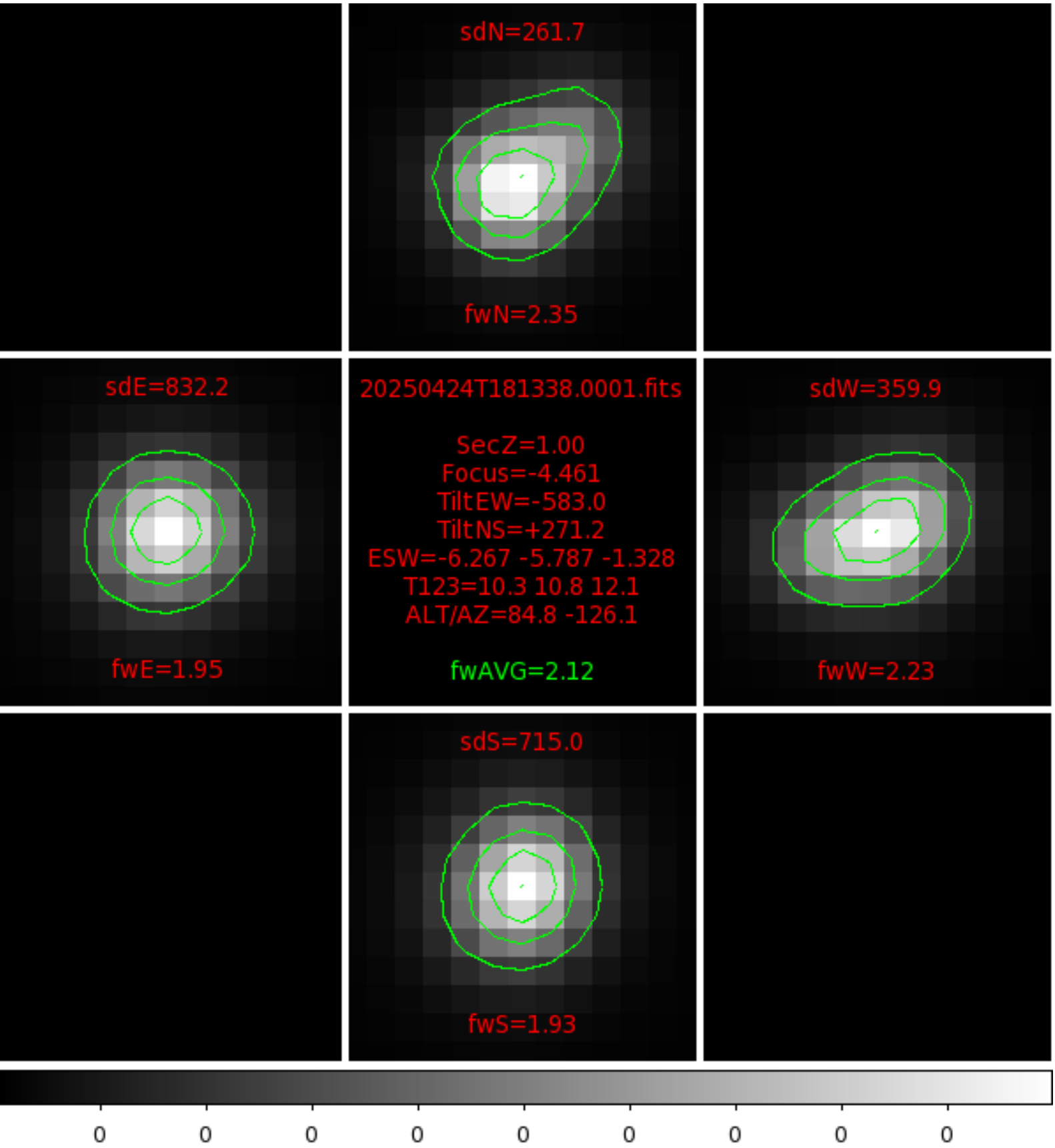
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SecZ=1.00
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 10.8 12.1
ALT/AZ=84.8 -126.1
fwAVG=2.12
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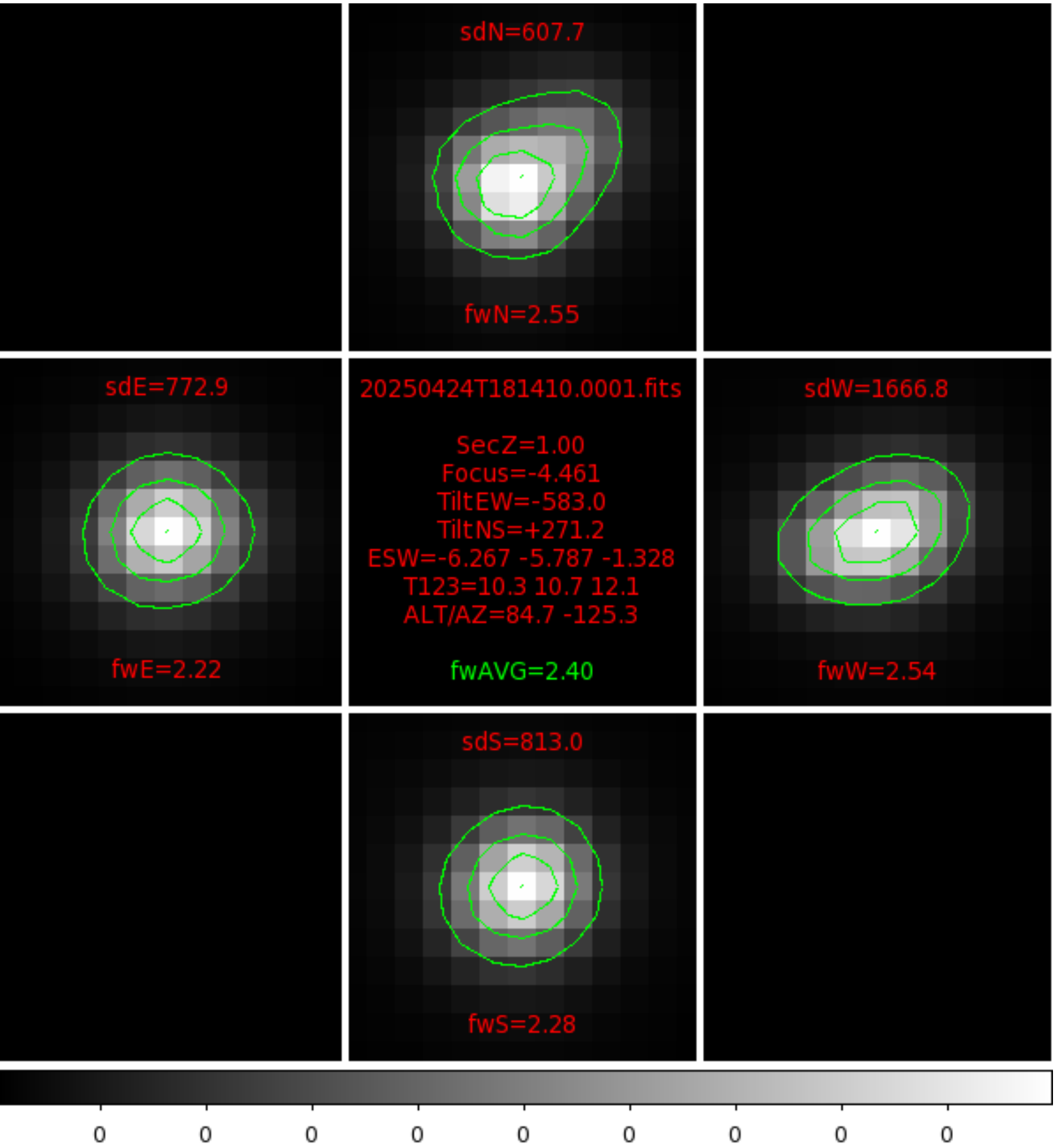
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SecZ=1.00
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.3 10.7 12.1
ALT/AZ=84.7 -125.3
fwAVG=2.40
sdW=1666.8
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sdS=813.0
fwS=2.28
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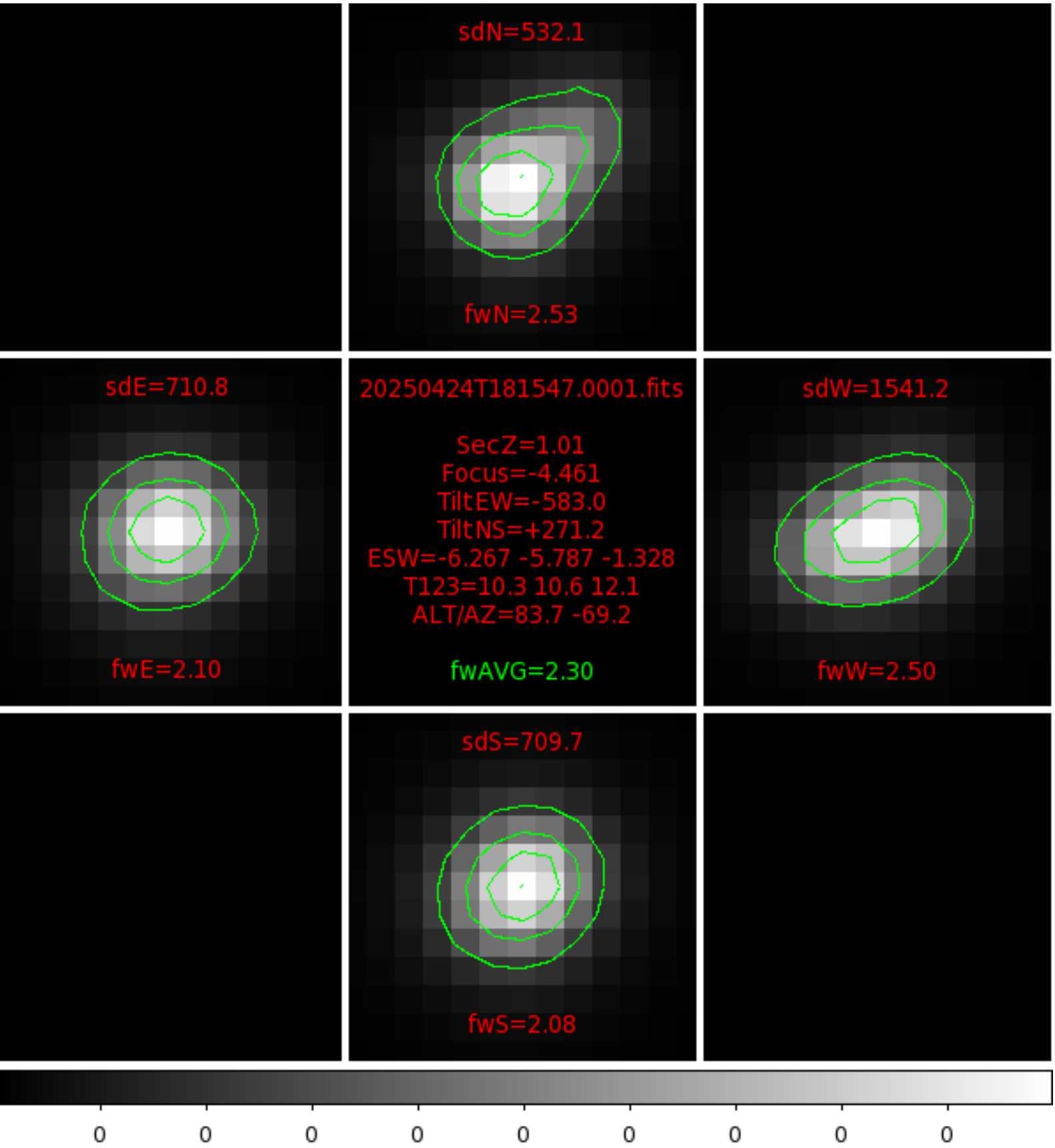
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T123=10.3 10.6 12.1
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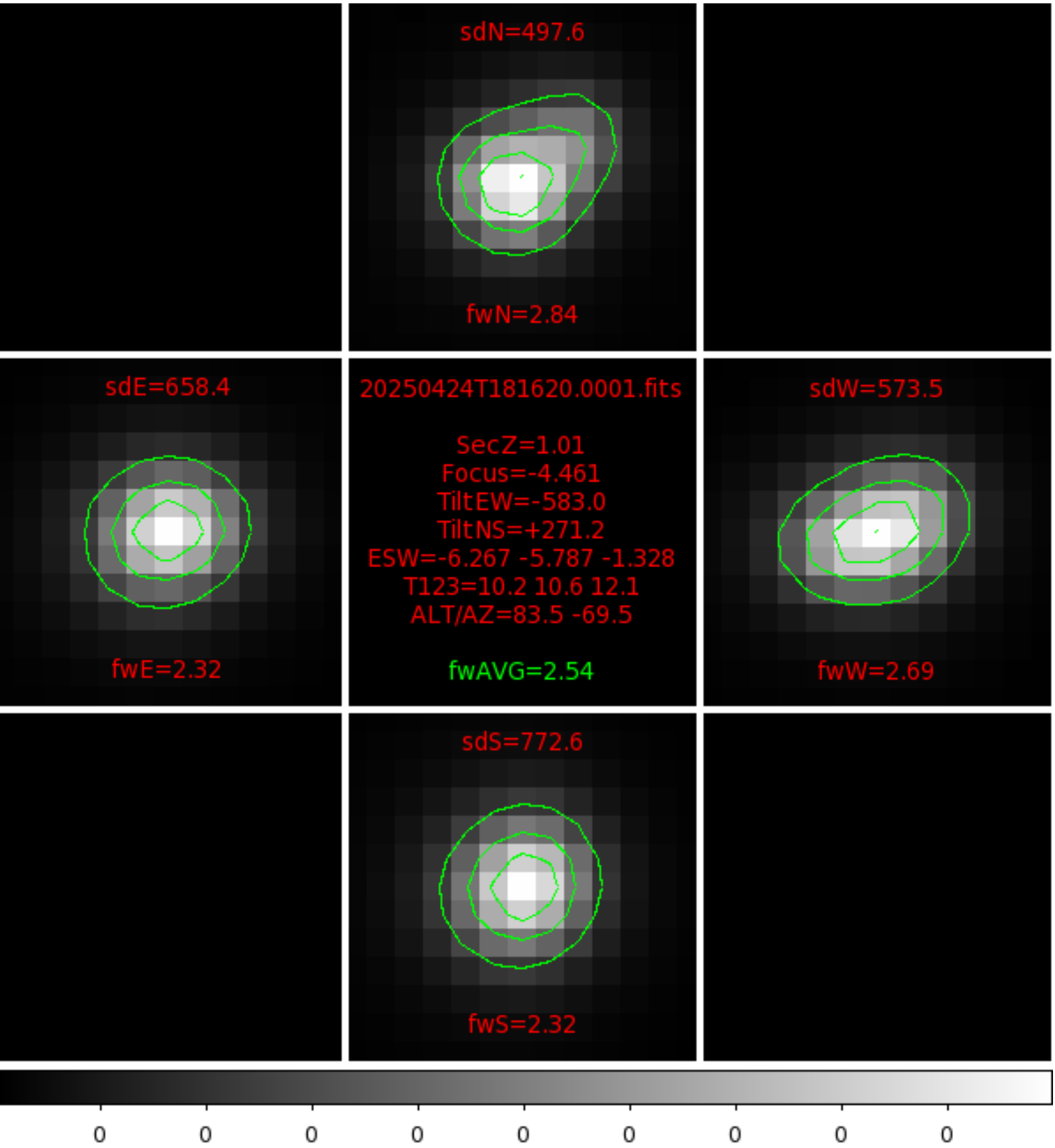
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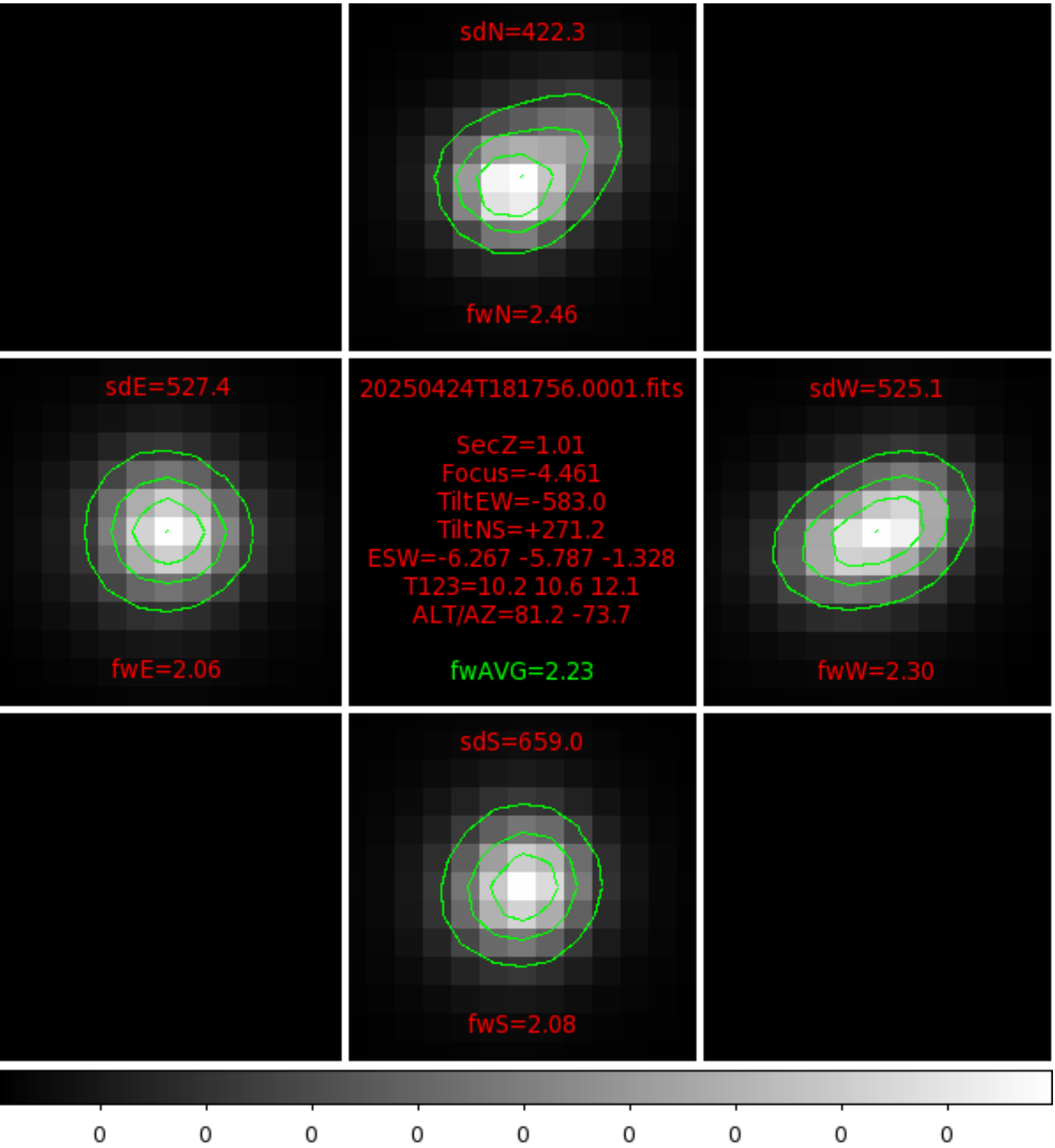
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T123=10.2 10.6 12.1
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fwAVG=2.23
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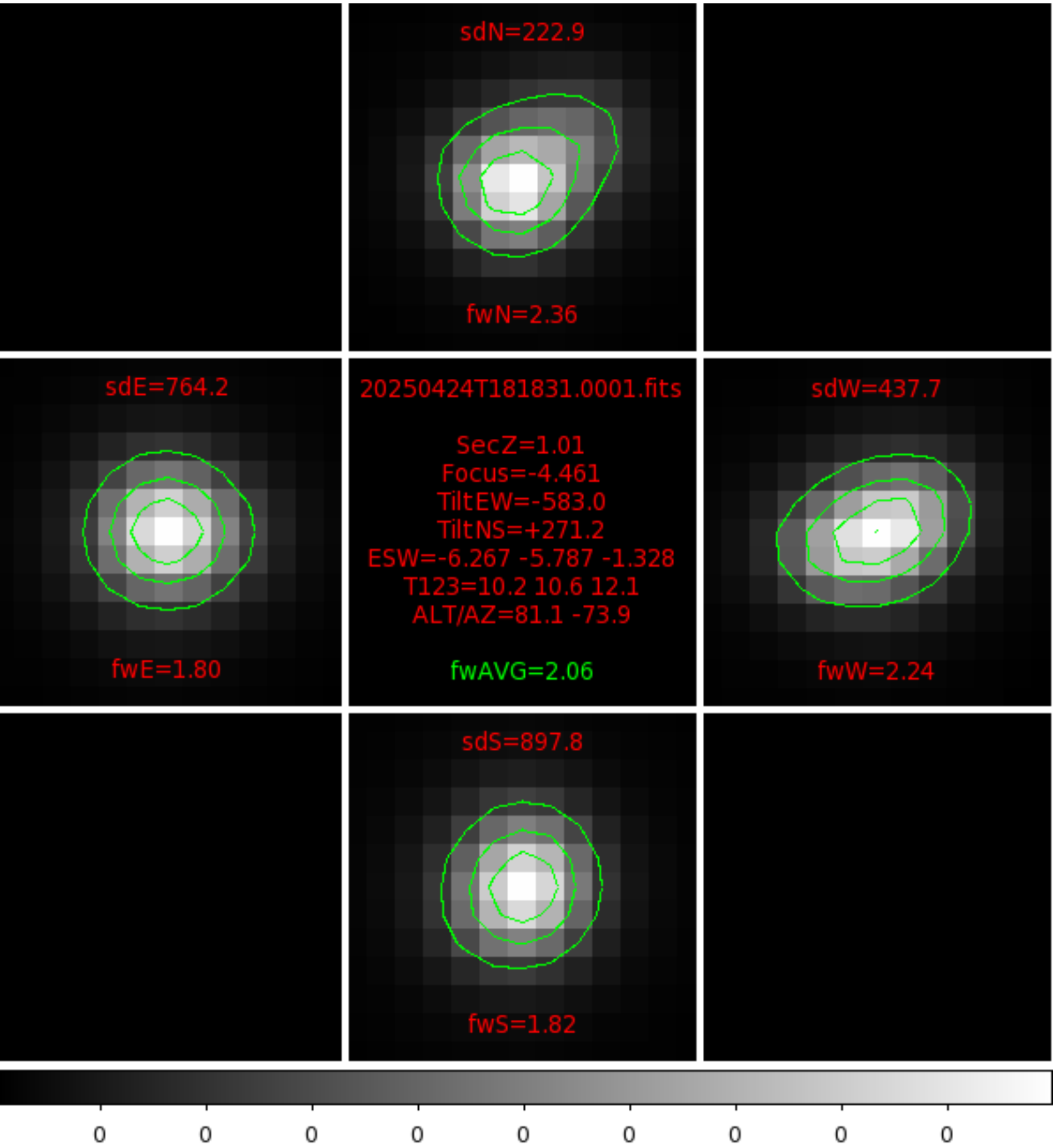
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.2 10.6 12.1
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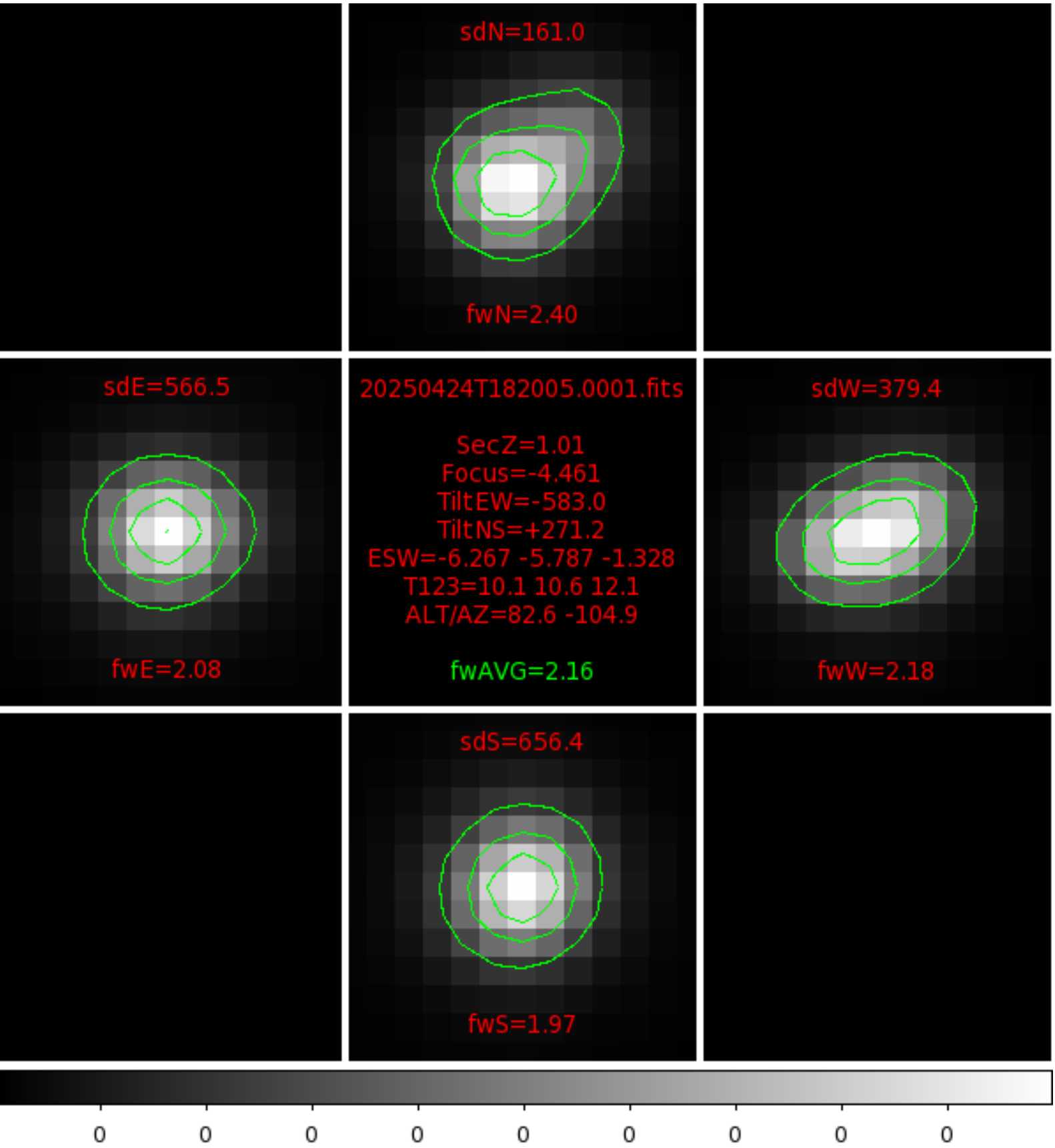
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
ALT/AZ=82.6 -104.9
fwAVG=2.16
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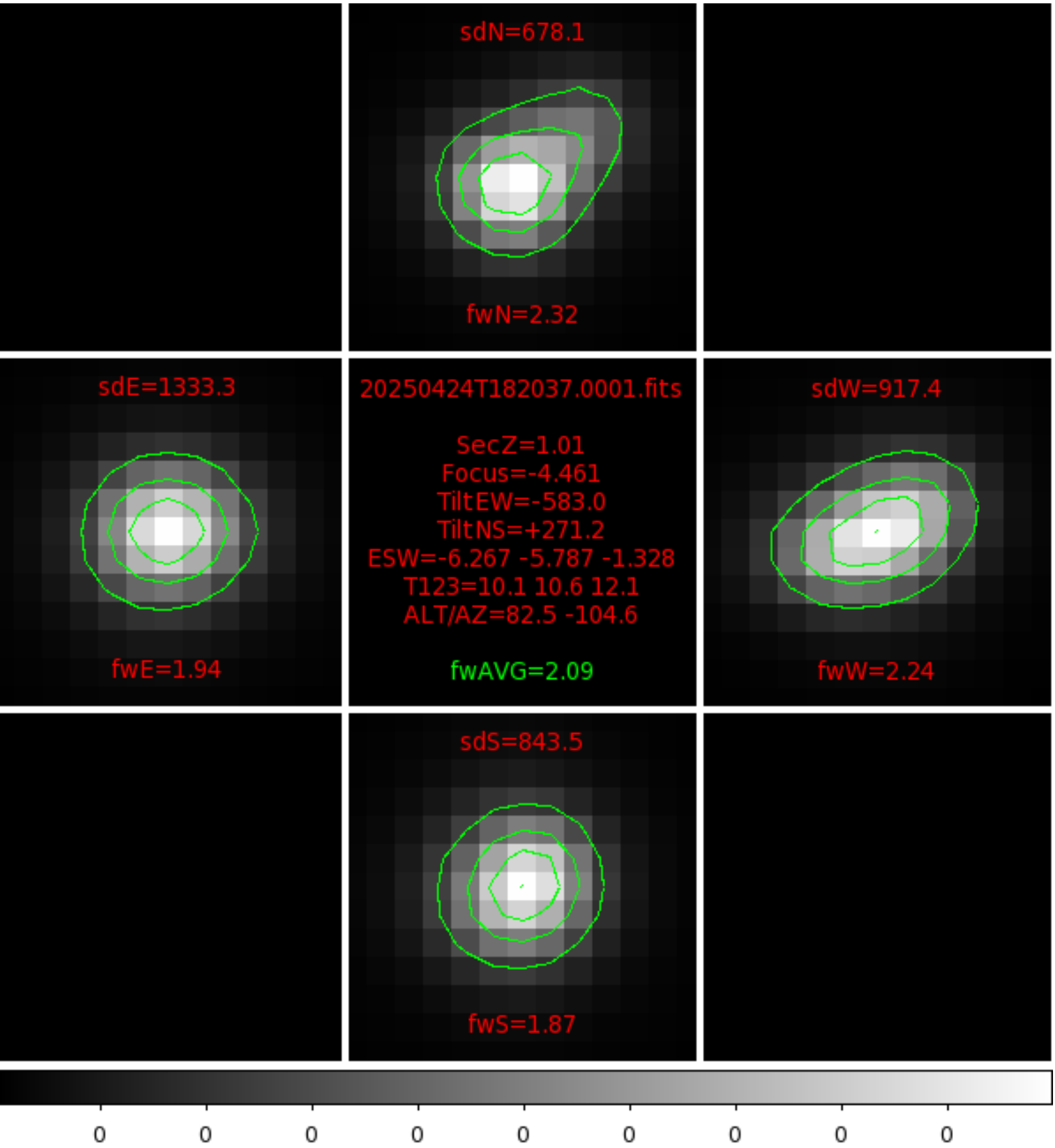
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
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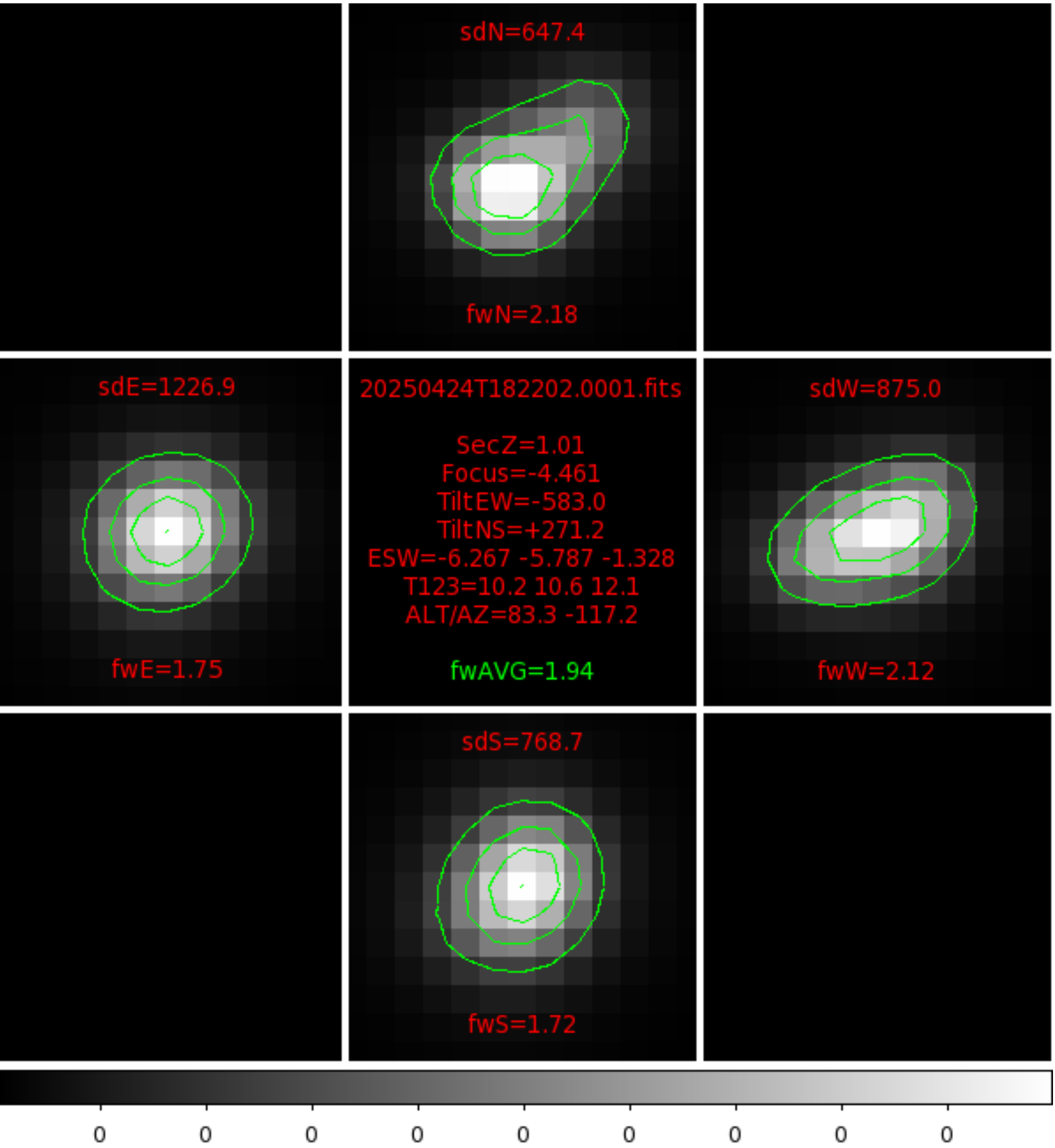
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.2 10.6 12.1
ALT/AZ=83.3 -117.2
fwAVG=1.94
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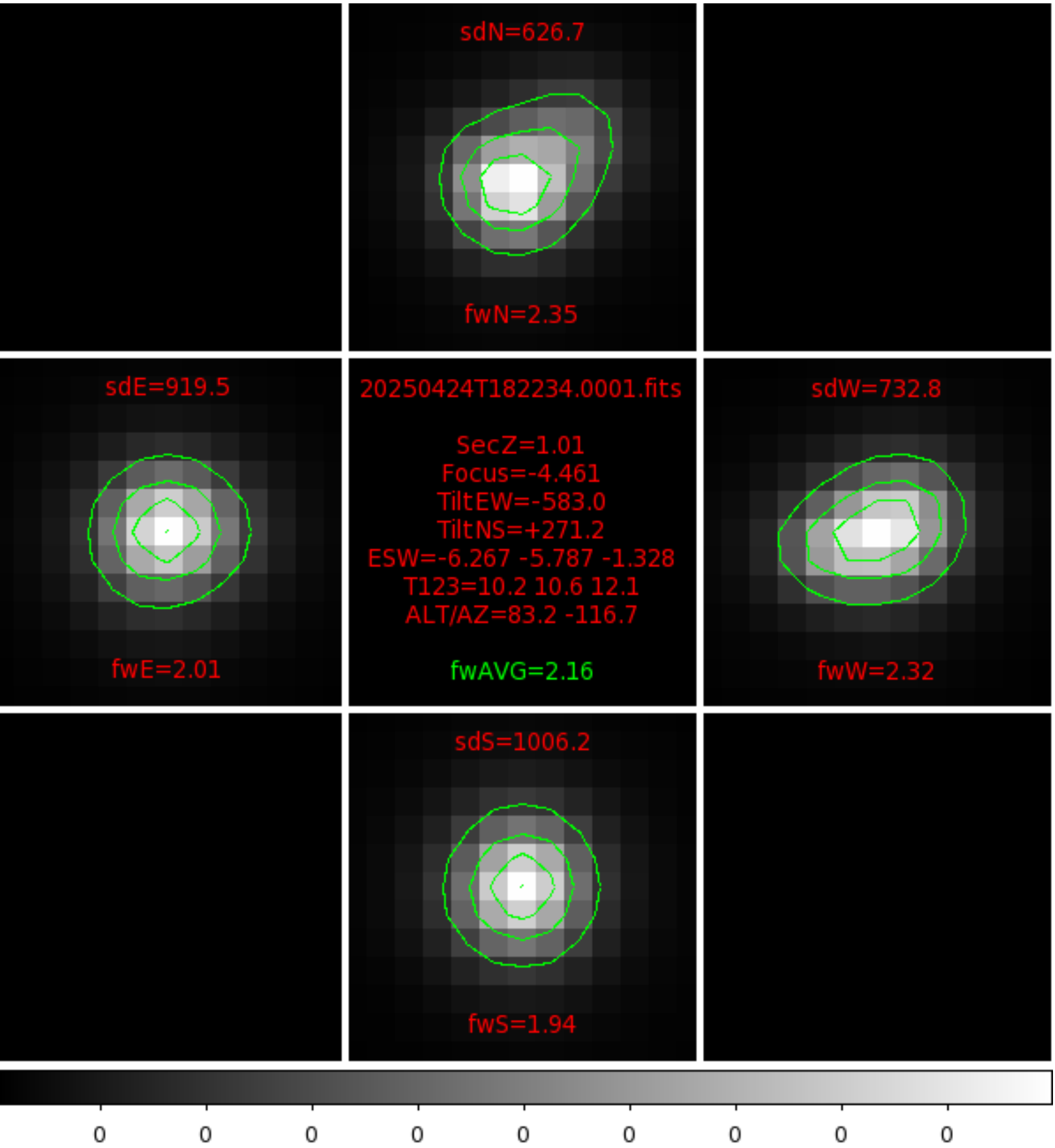
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.2 10.6 12.1
ALT/AZ=83.2 -116.7
fwAVG=2.16
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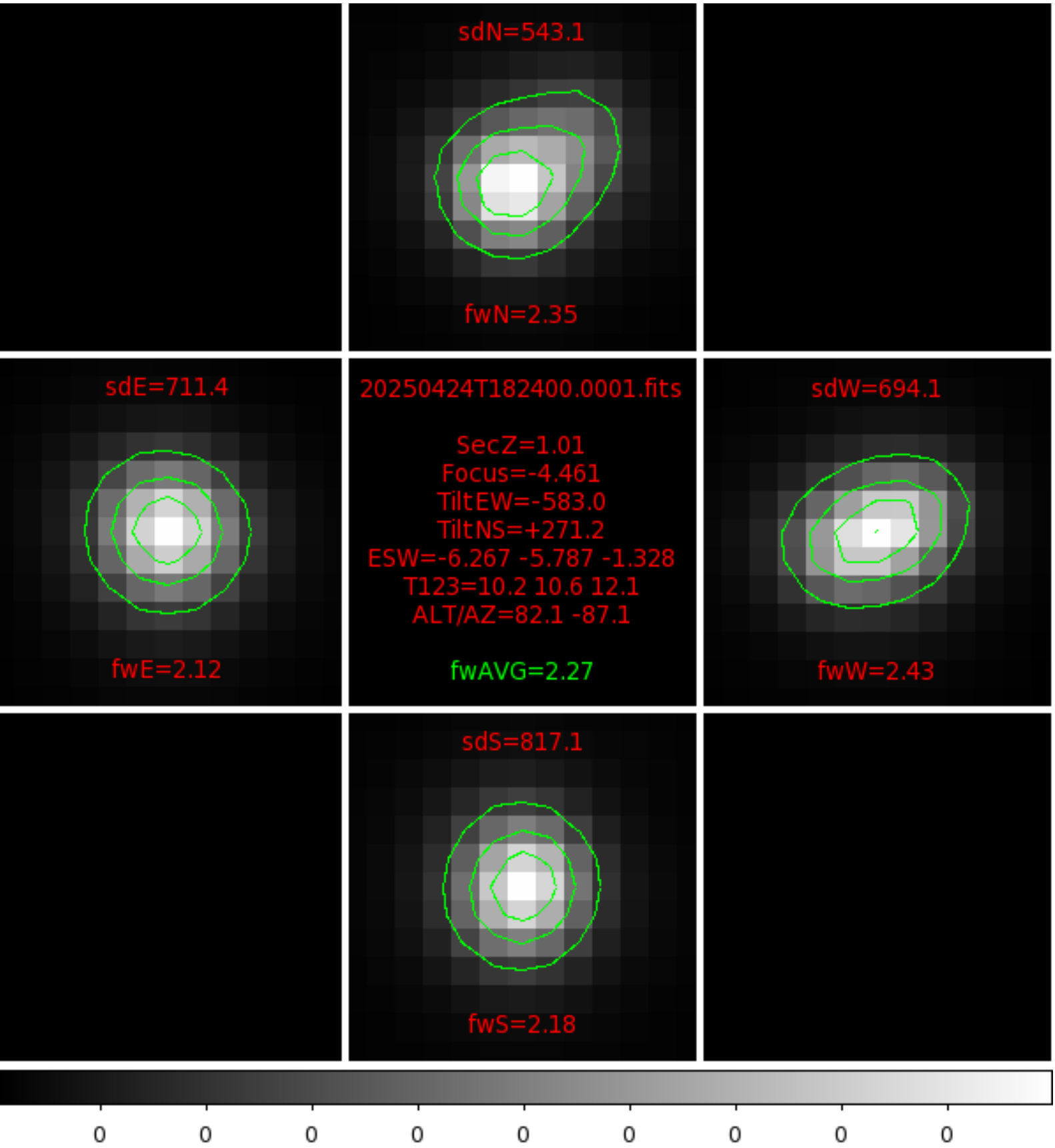
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fwE=2.12
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Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.2 10.6 12.1
ALT/AZ=82.1 -87.1
fwAVG=2.27
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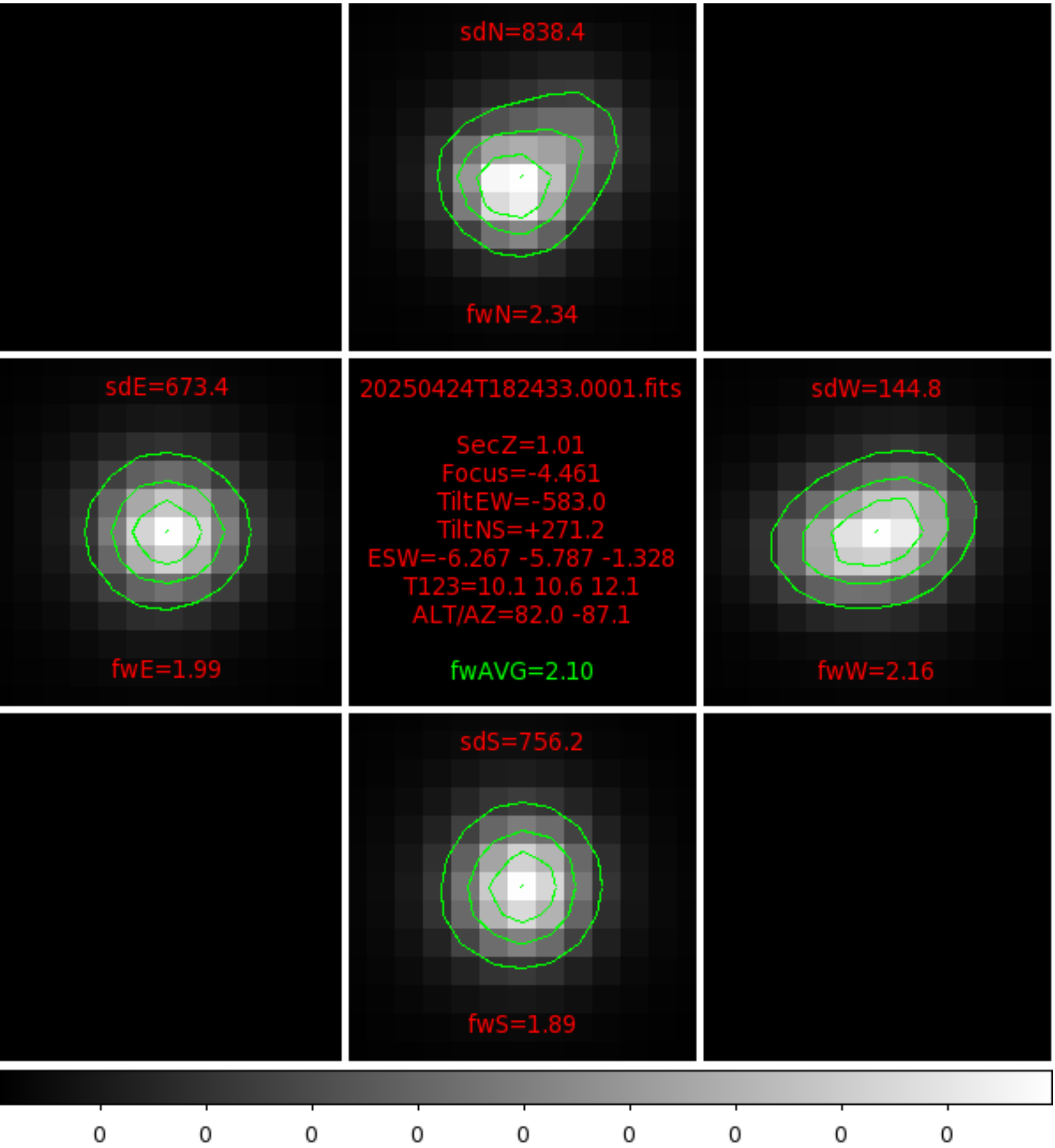
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
ALT/AZ=82.0 -87.1
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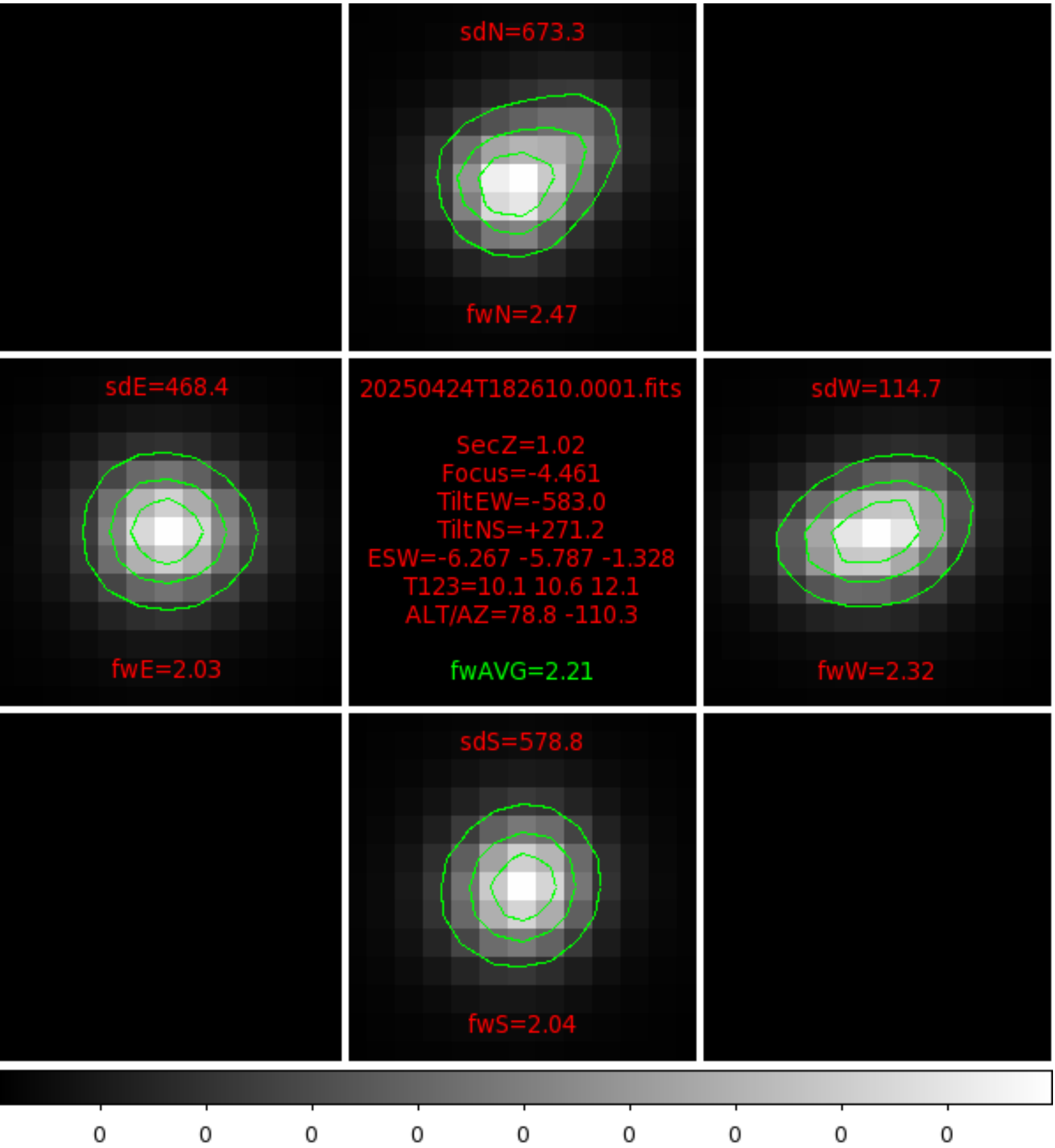
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sdE=468.4
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SecZ=1.02
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
ALT/AZ=78.8 -110.3
fwAVG=2.21
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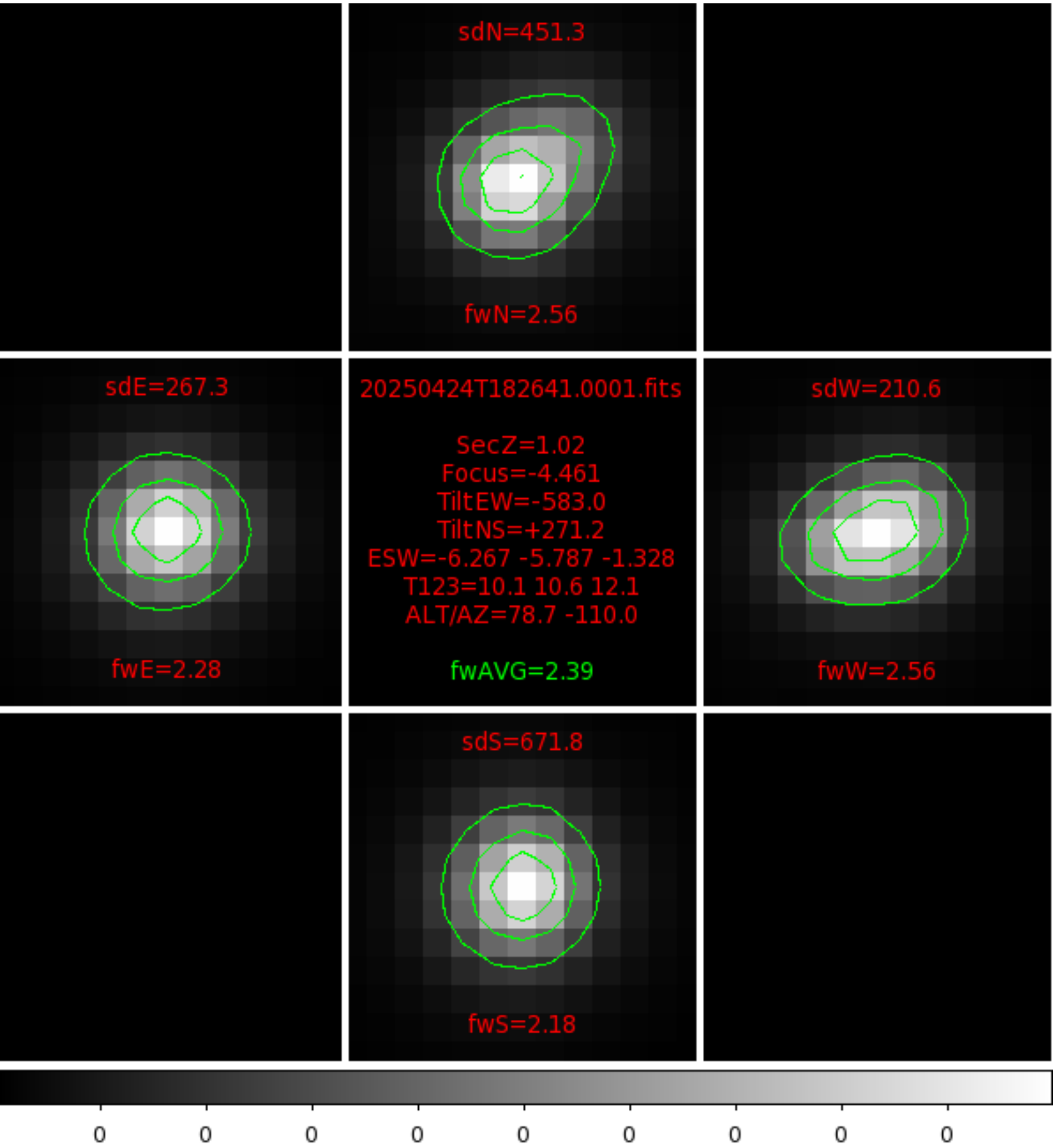
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
ALT/AZ=78.7 -110.0
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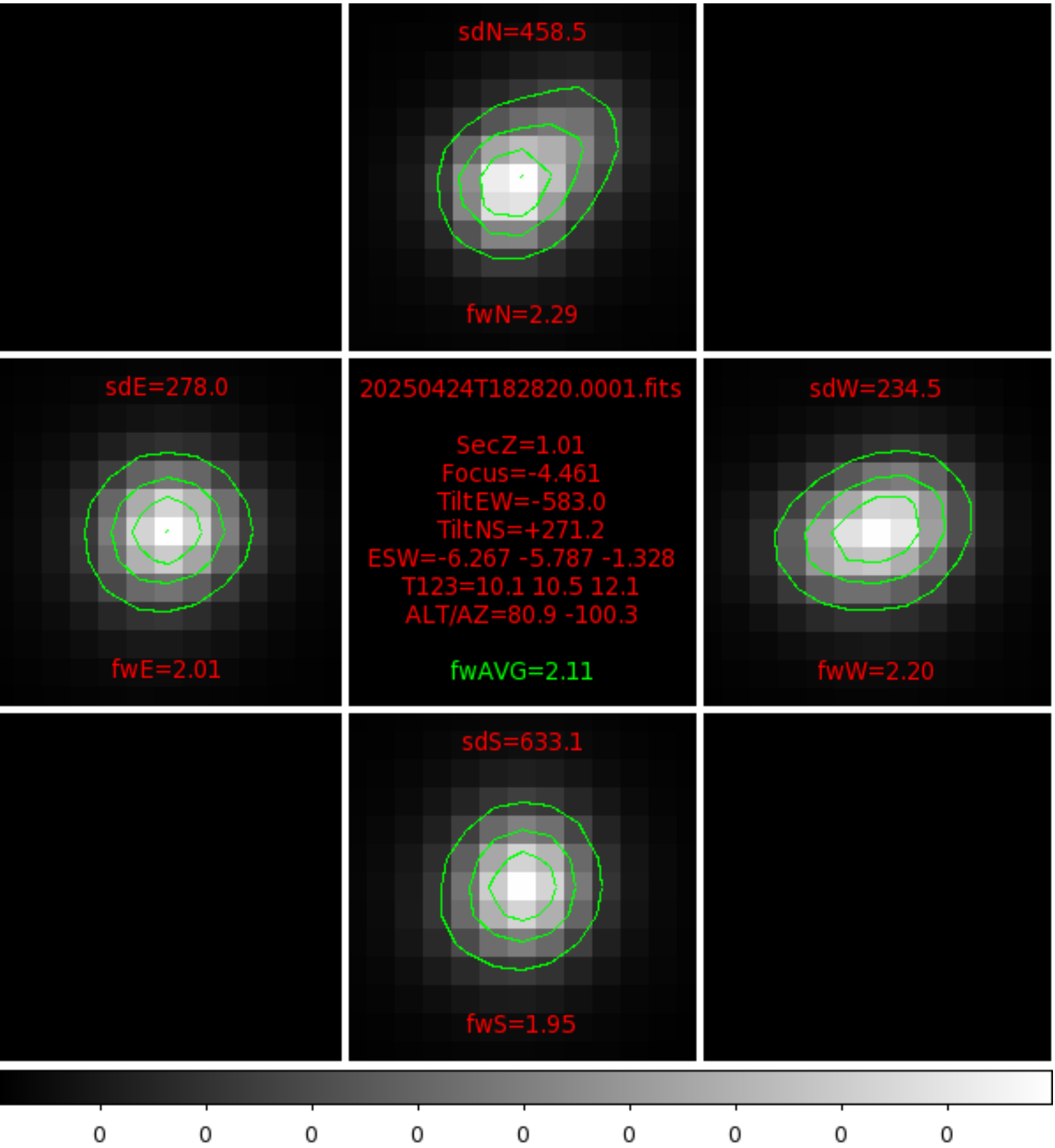
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SecZ=1.01
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.5 12.1
ALT/AZ=80.9 -100.3
fwAVG=2.11
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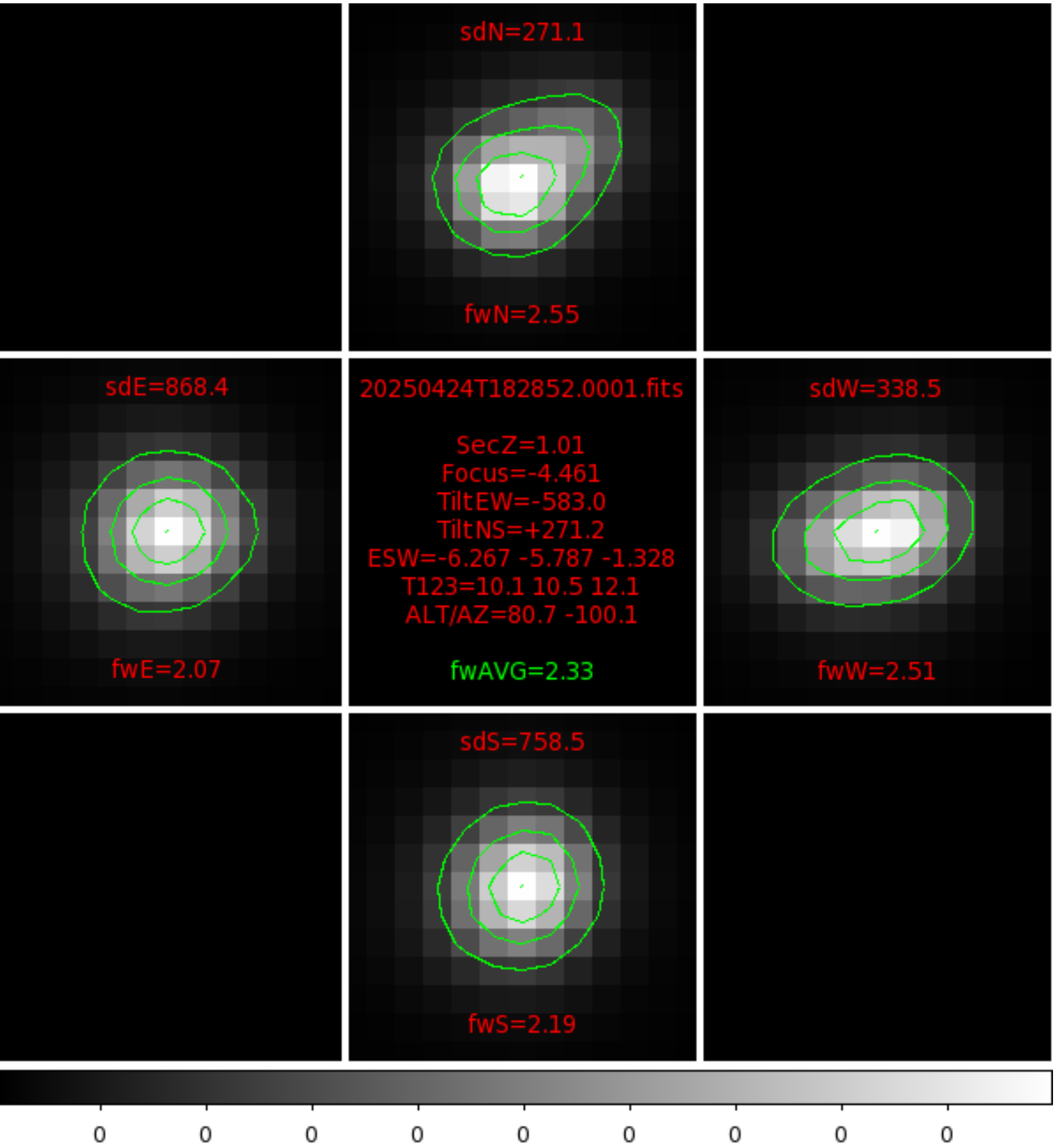
sdN=271.1
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.5 12.1
ALT/AZ=80.7 -100.1
fwAVG=2.33
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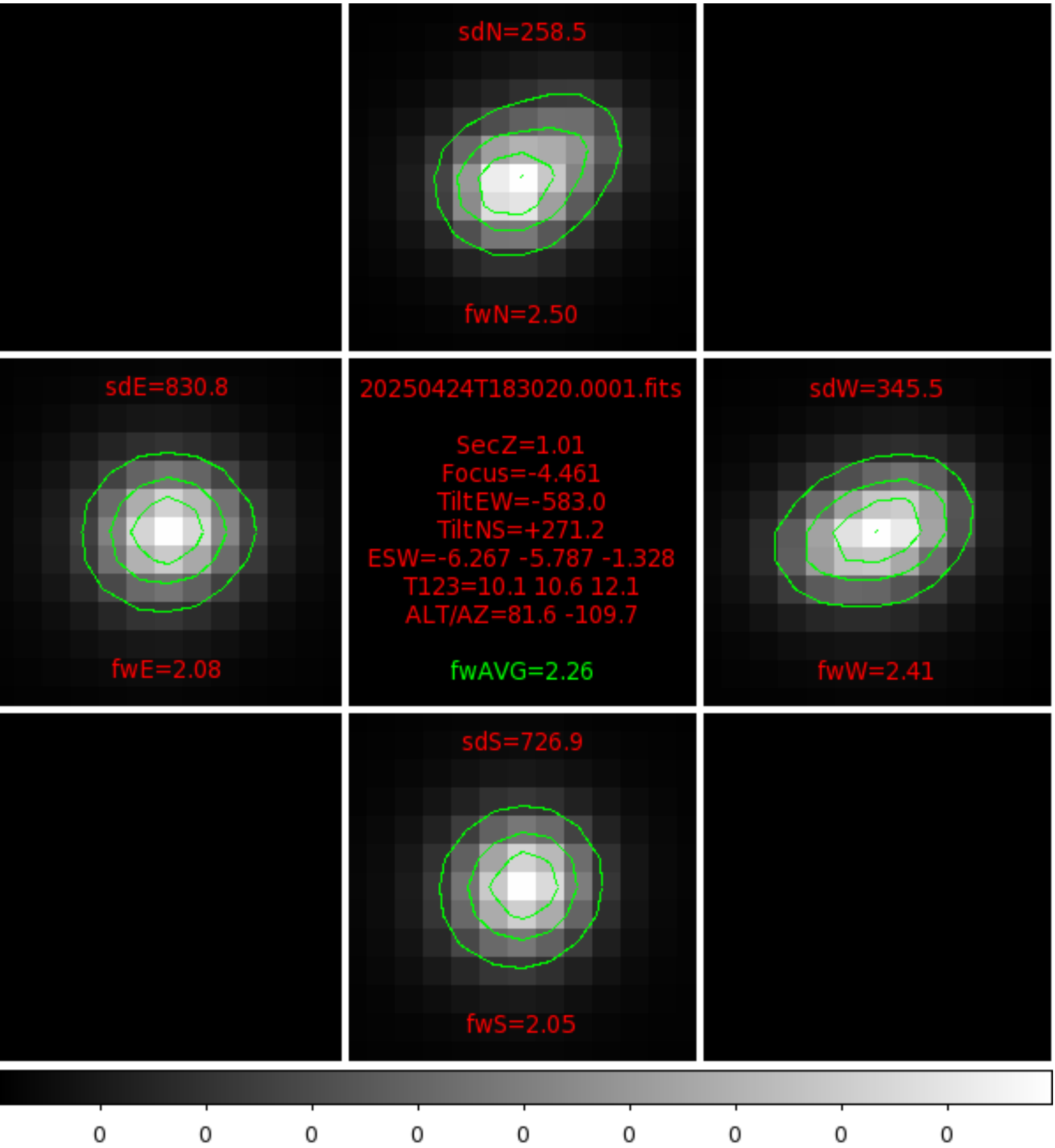
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sdE=830.8
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SecZ=1.01
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
ALT/AZ=81.6 -109.7
fwAVG=2.26
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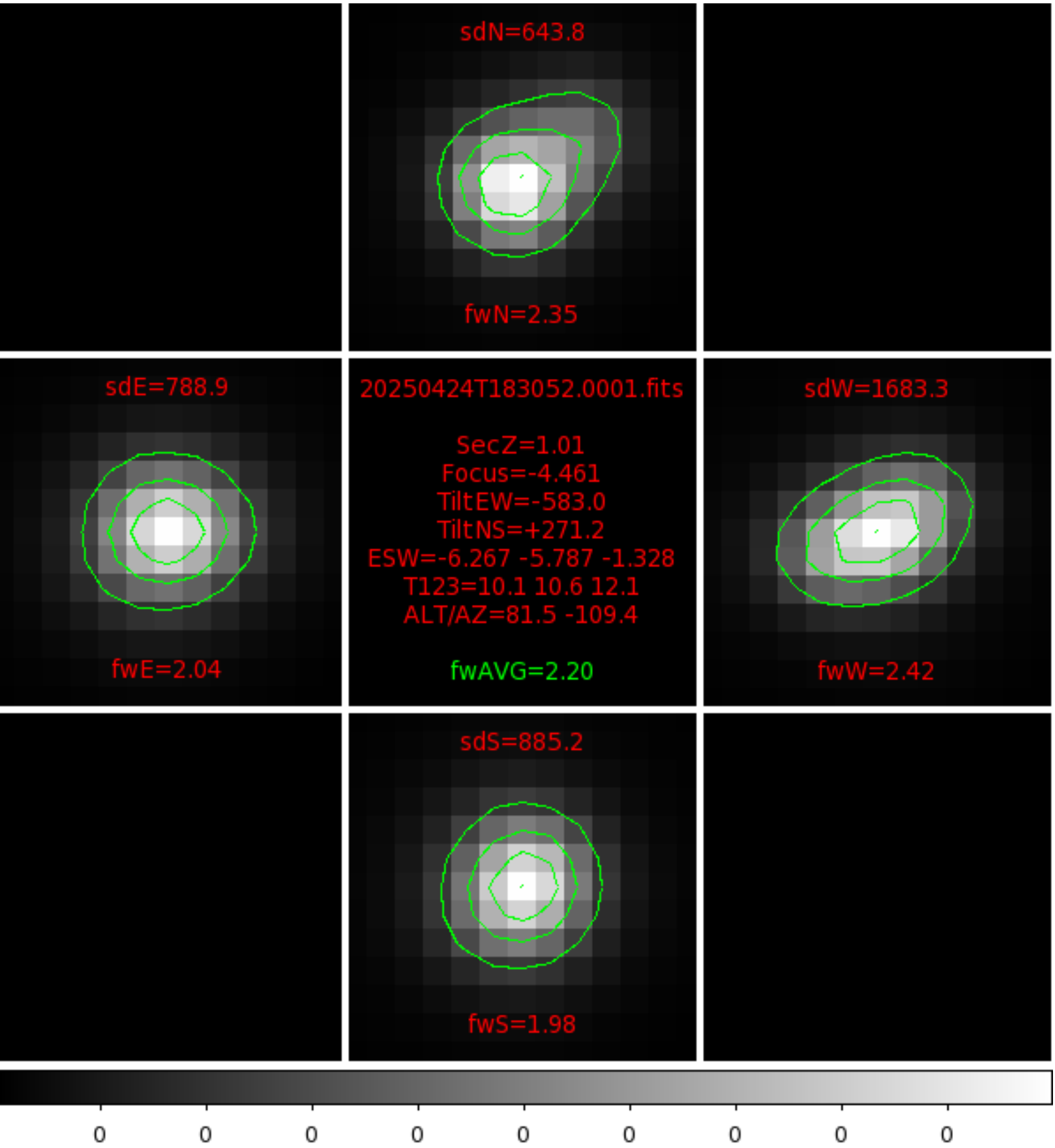
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SecZ=1.01
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
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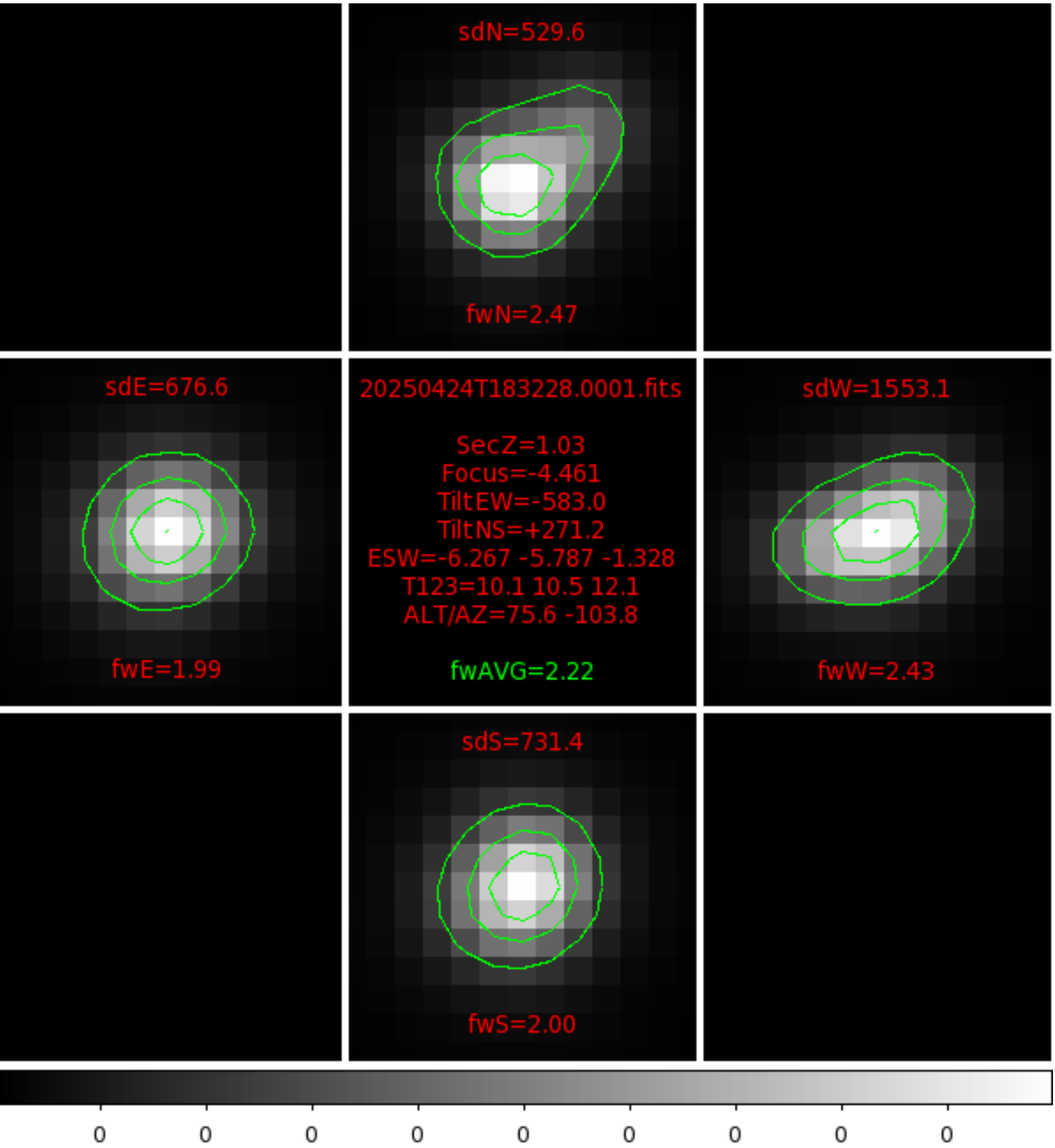
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.5 12.1
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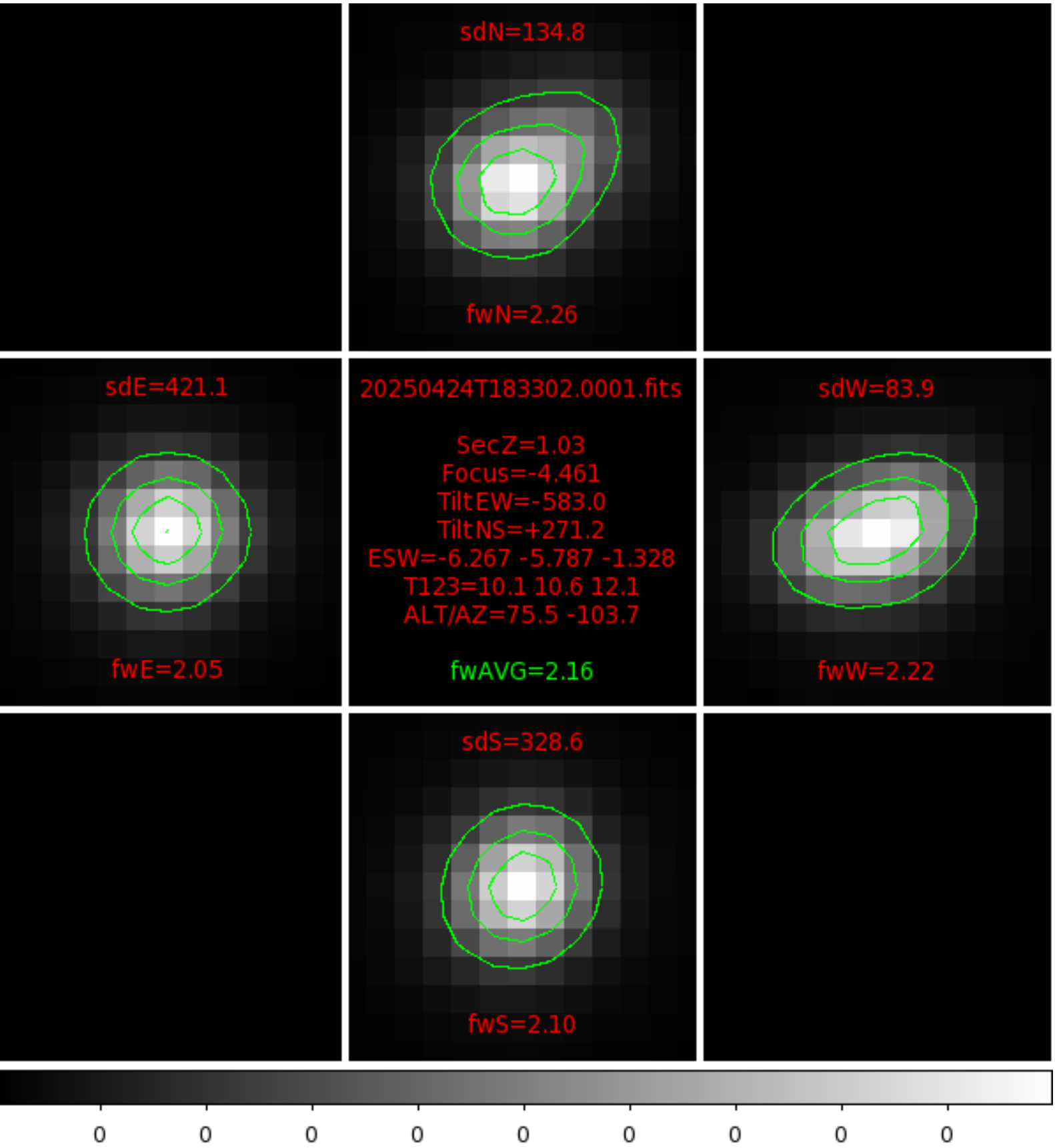
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SecZ=1.03
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
ALT/AZ=75.5 -103.7
fwAVG=2.16
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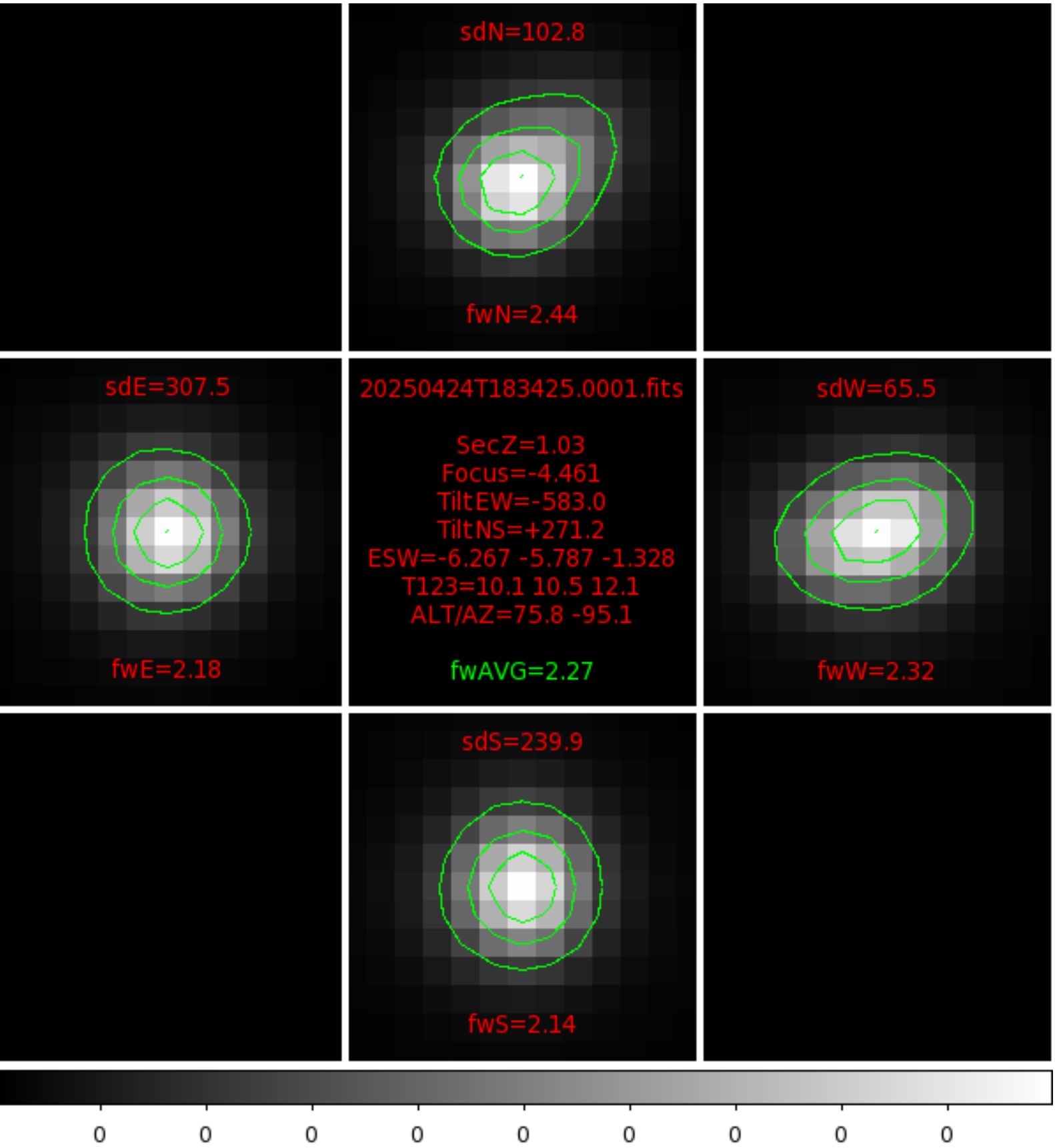
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SecZ=1.03
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.5 12.1
ALT/AZ=75.8 -95.1
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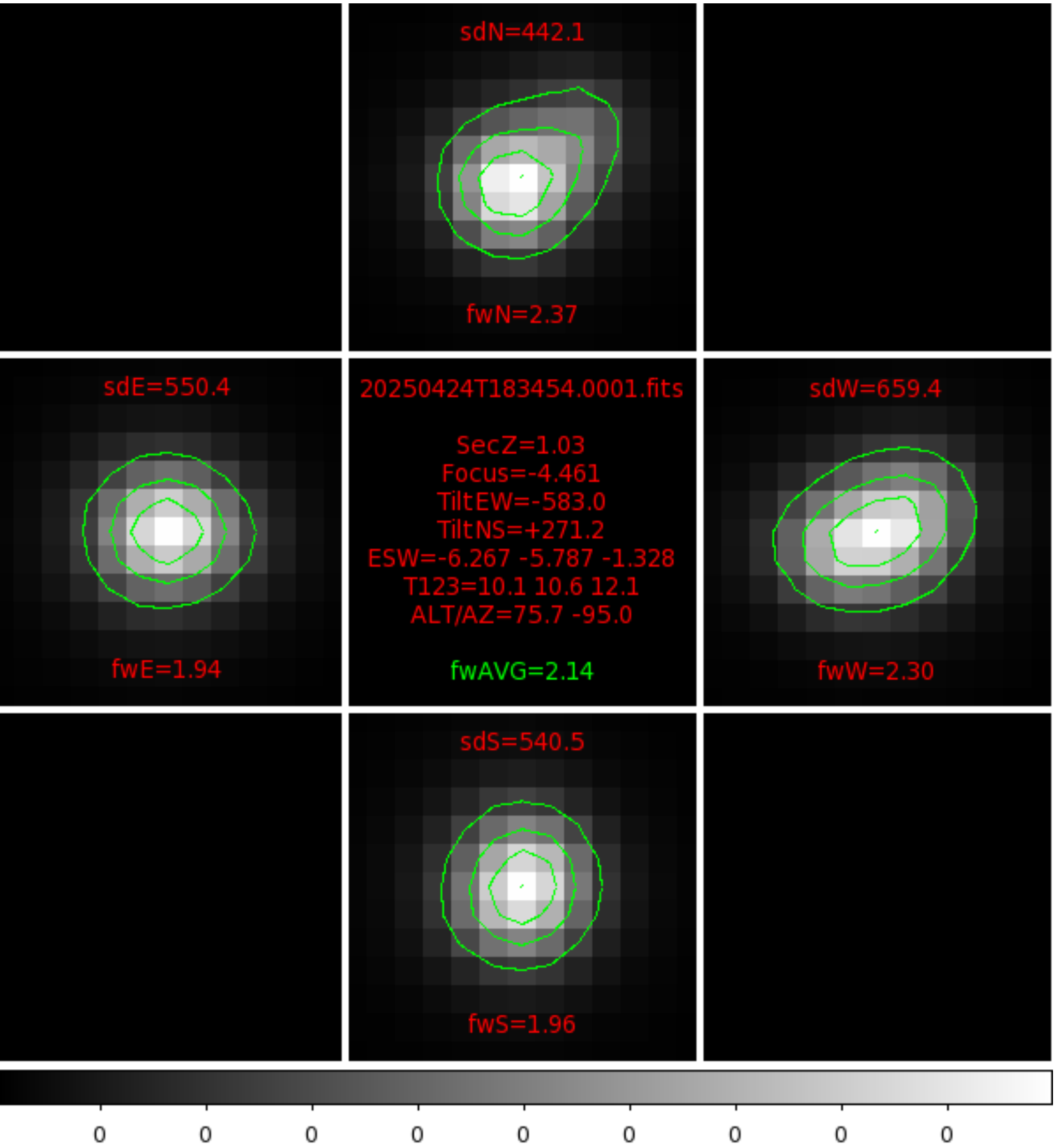
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
ALT/AZ=75.7 -95.0
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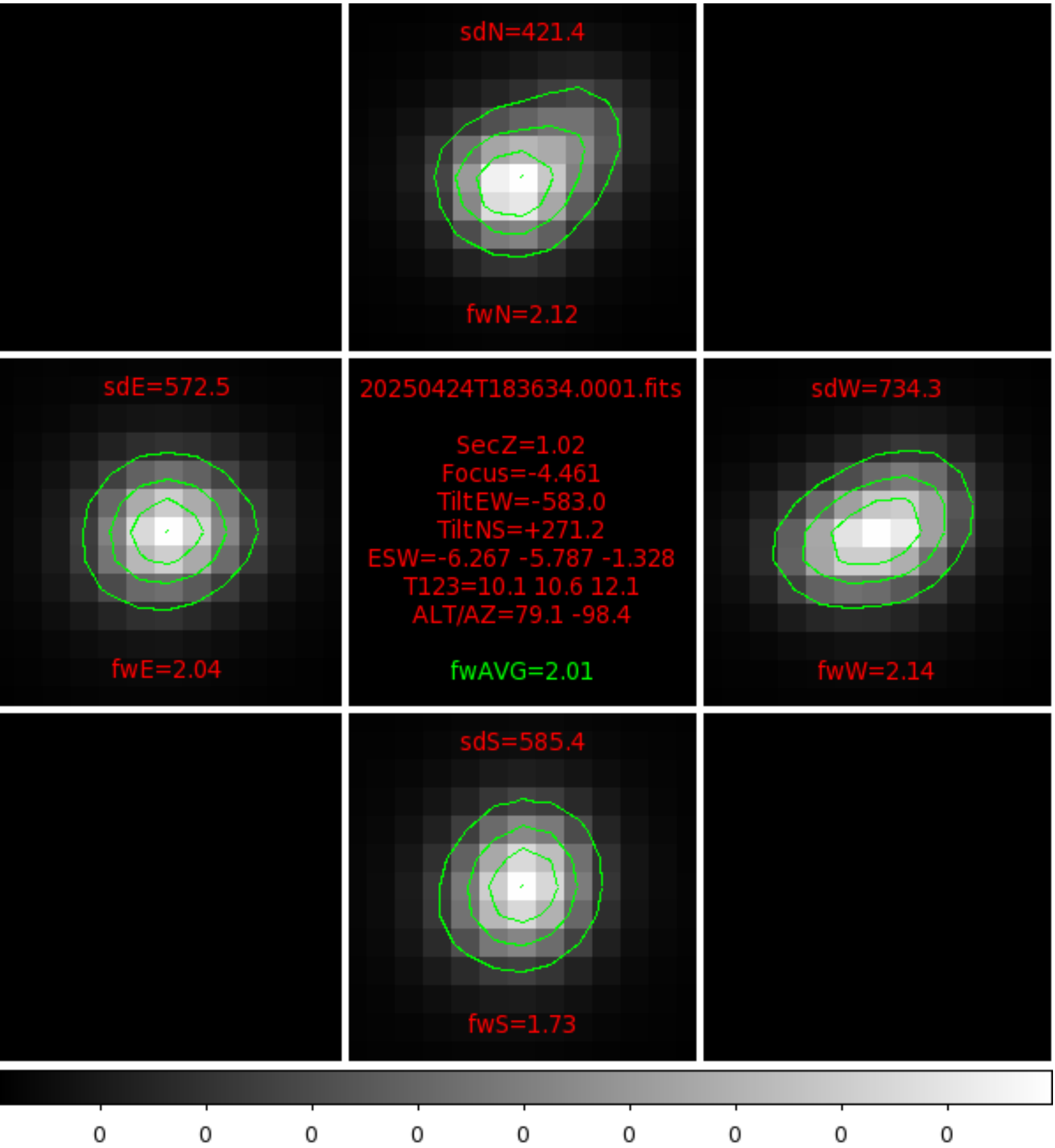
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
ALT/AZ=79.1 -98.4
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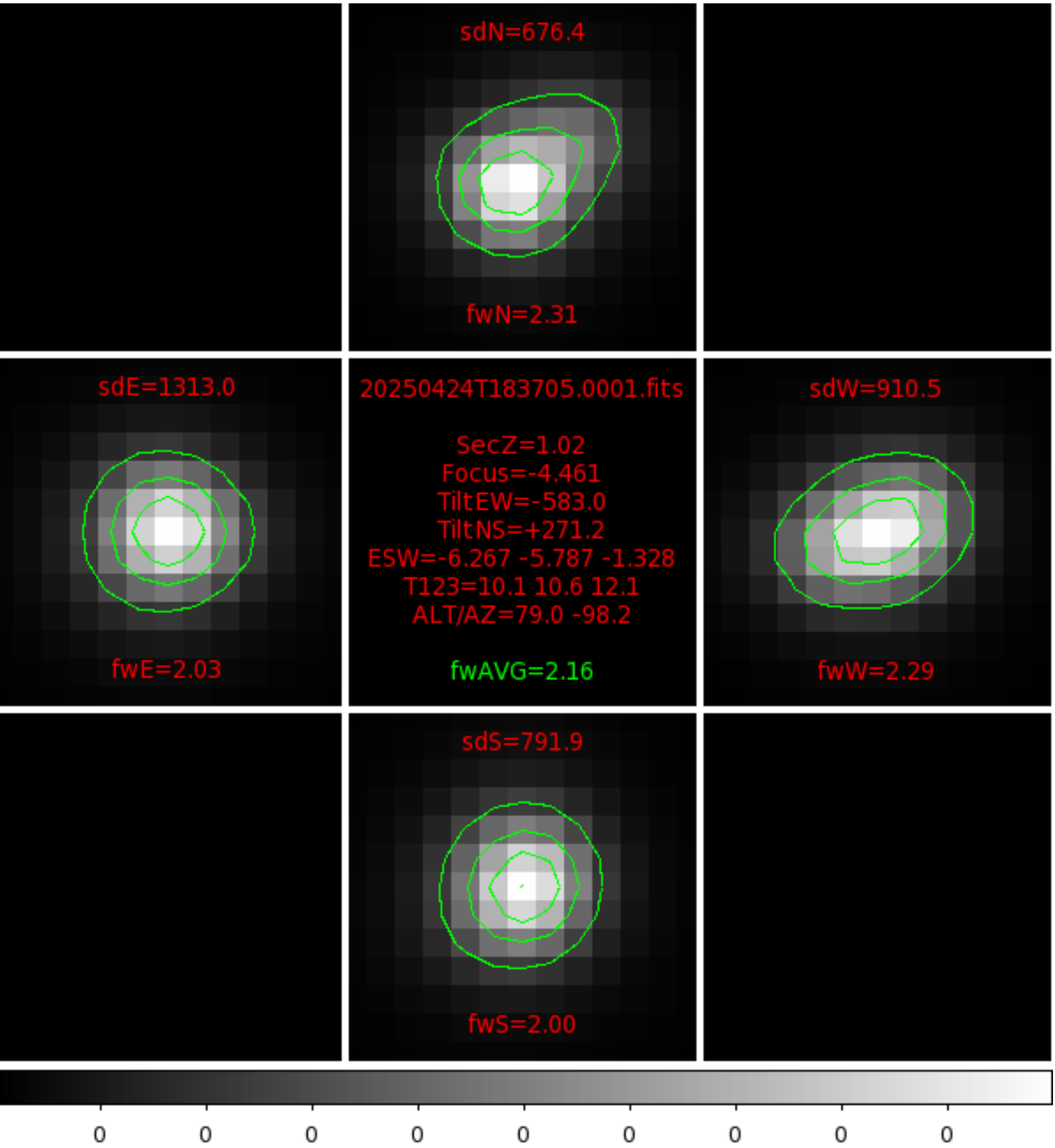
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SecZ=1.02
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
ALT/AZ=79.0 -98.2
fwAVG=2.16
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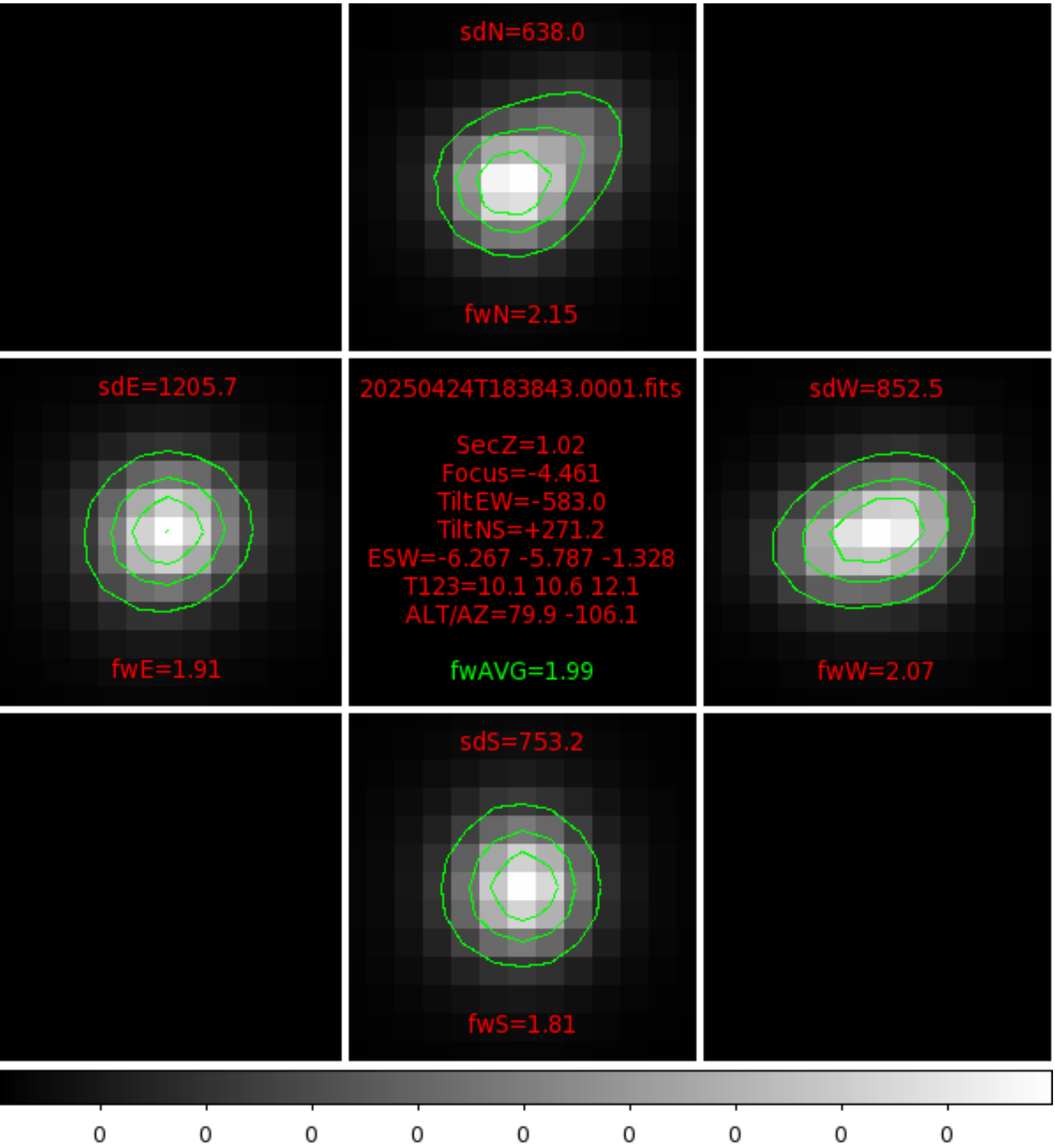
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SecZ=1.02
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
ALT/AZ=79.9 -106.1
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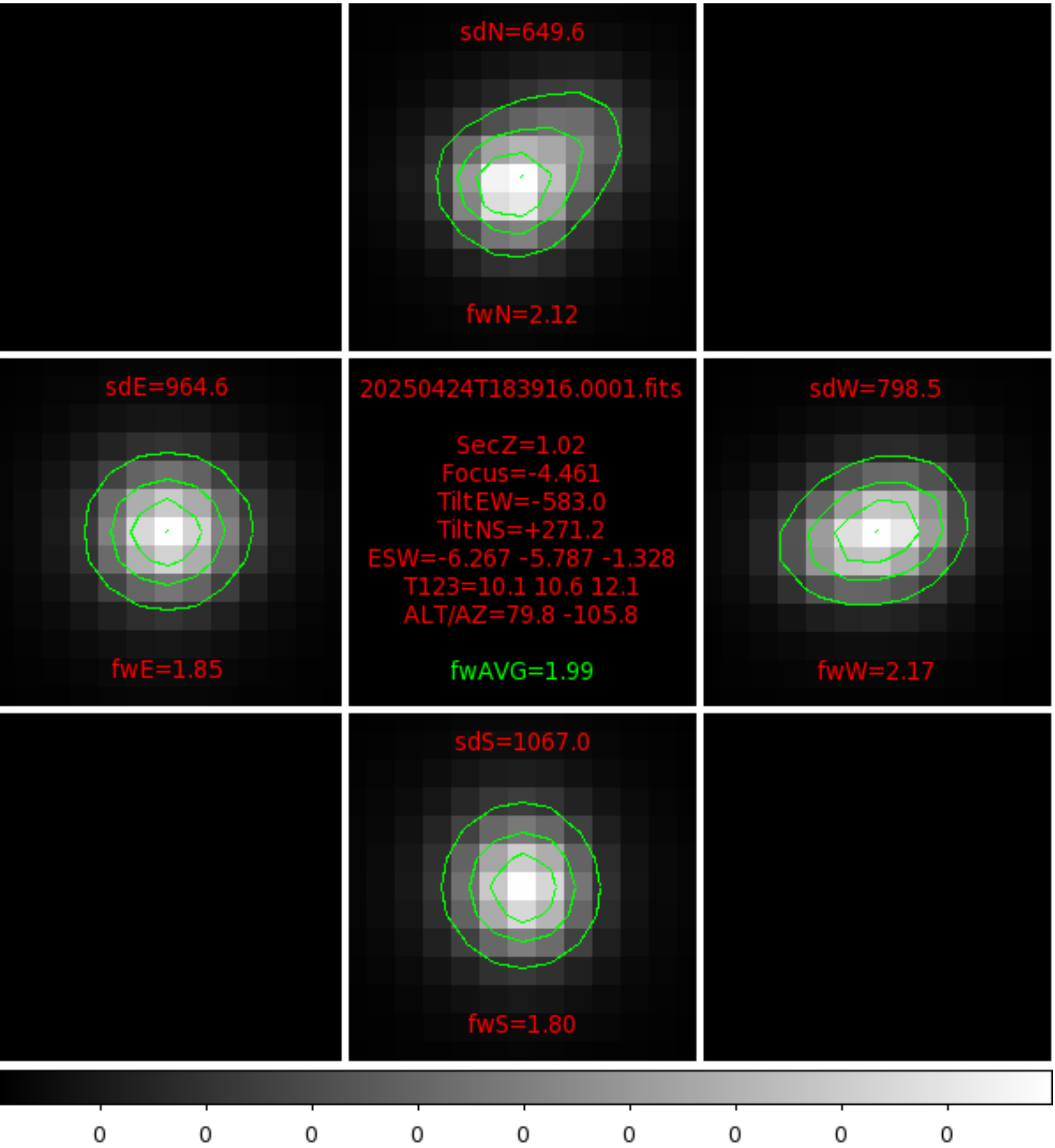
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sdE=964.6
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SecZ=1.02
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
ALT/AZ=79.8 -105.8
fwAVG=1.99
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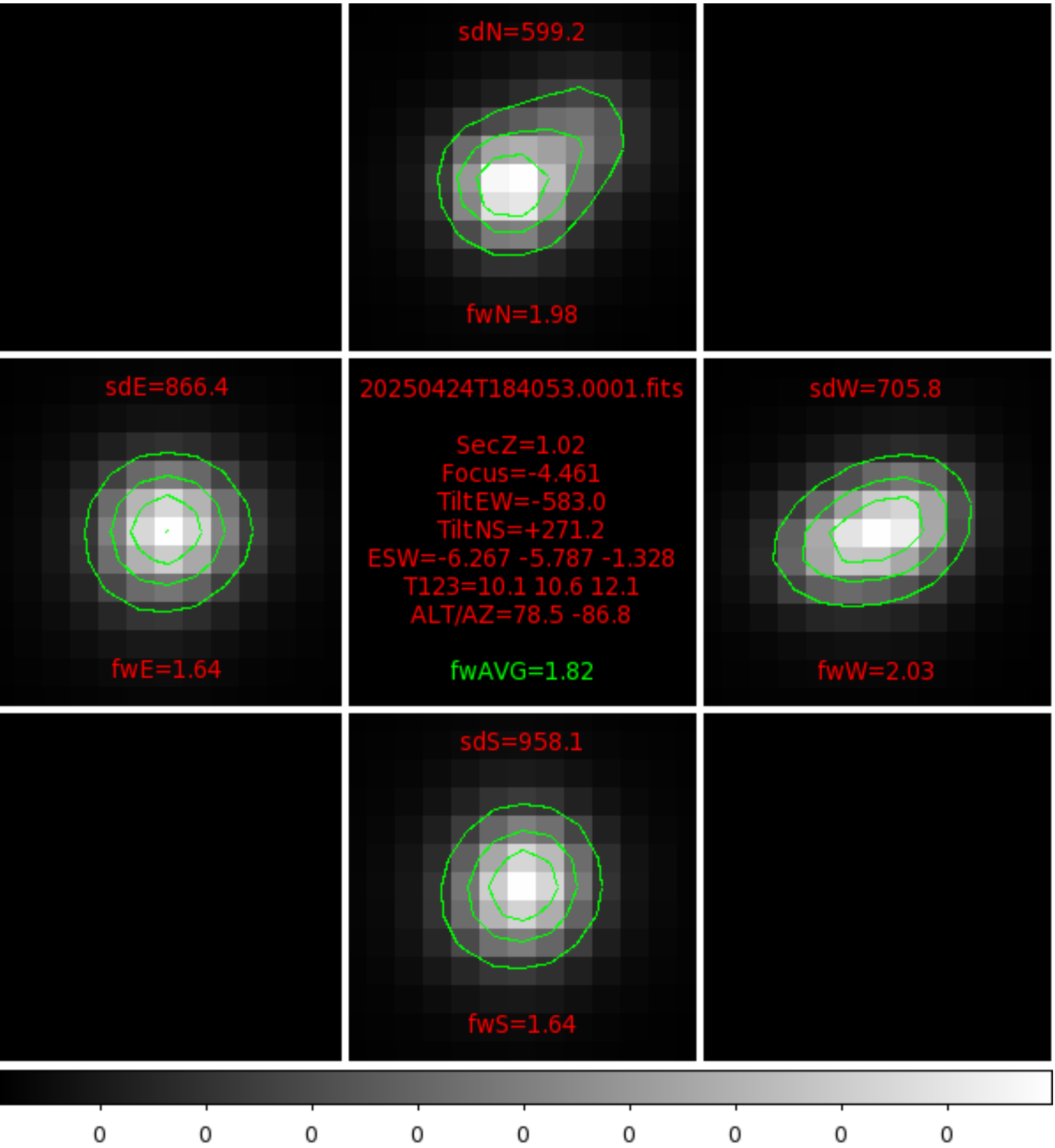
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.1 10.6 12.1
ALT/AZ=78.5 -86.8
fwAVG=1.82
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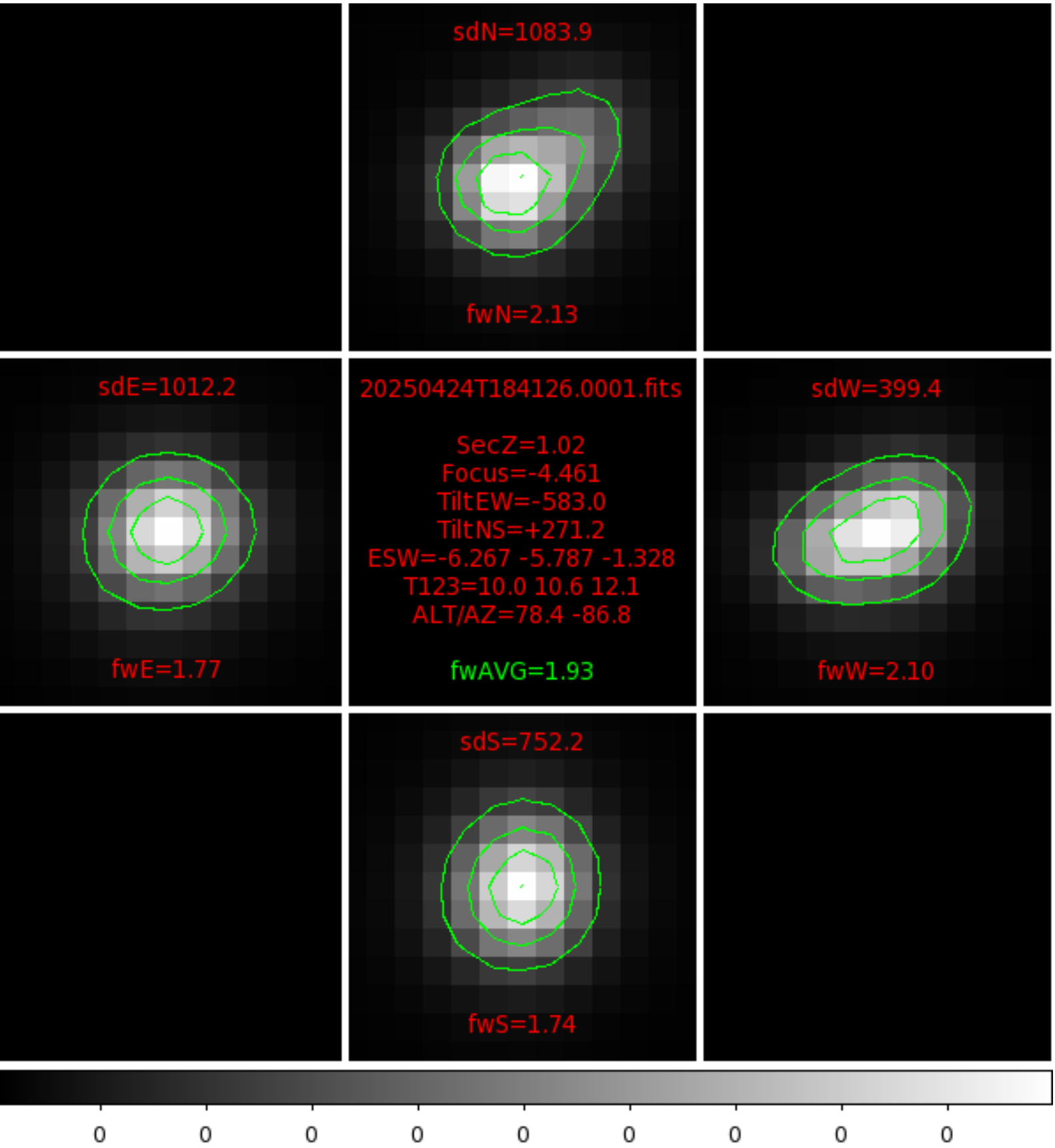
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ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
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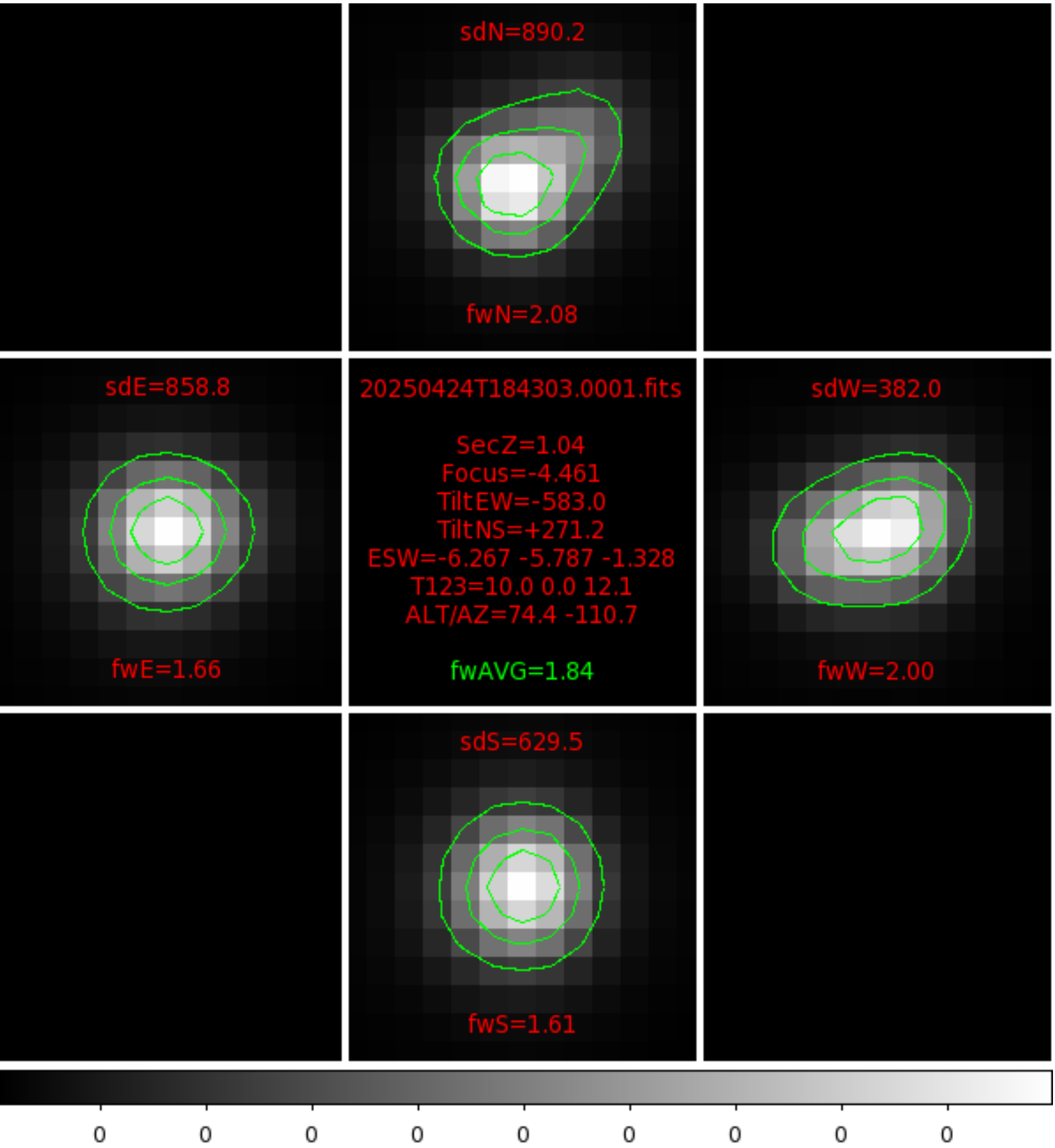
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SecZ=1.04
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 0.0 12.1
ALT/AZ=74.4 -110.7
fwAVG=1.84
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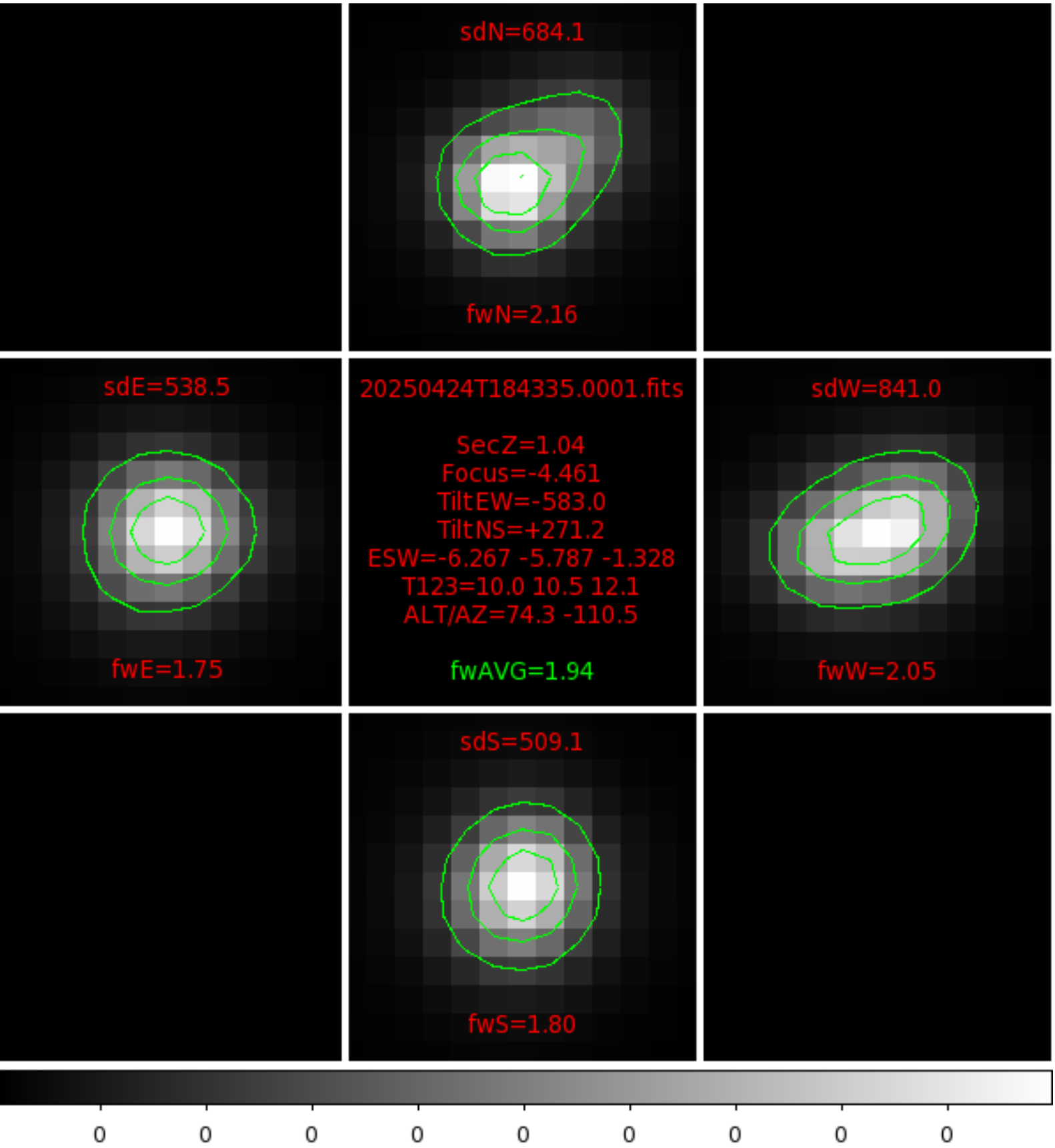
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ESW=-6.267 -5.787 -1.328
T123=10.0 10.5 12.1
ALT/AZ=74.3 -110.5
fwAVG=1.94
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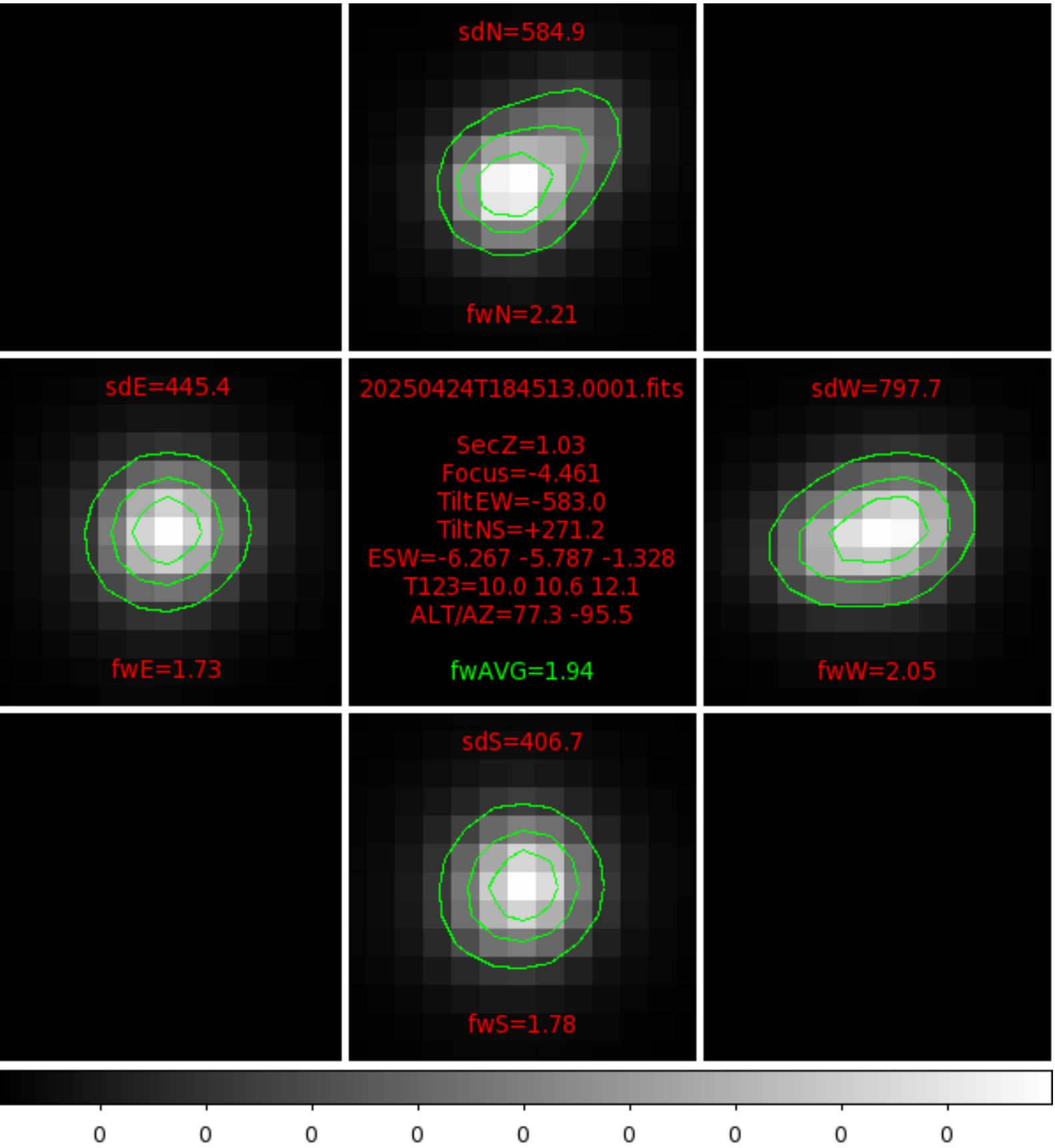
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SecZ=1.03
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
ALT/AZ=77.3 -95.5
fwAVG=1.94
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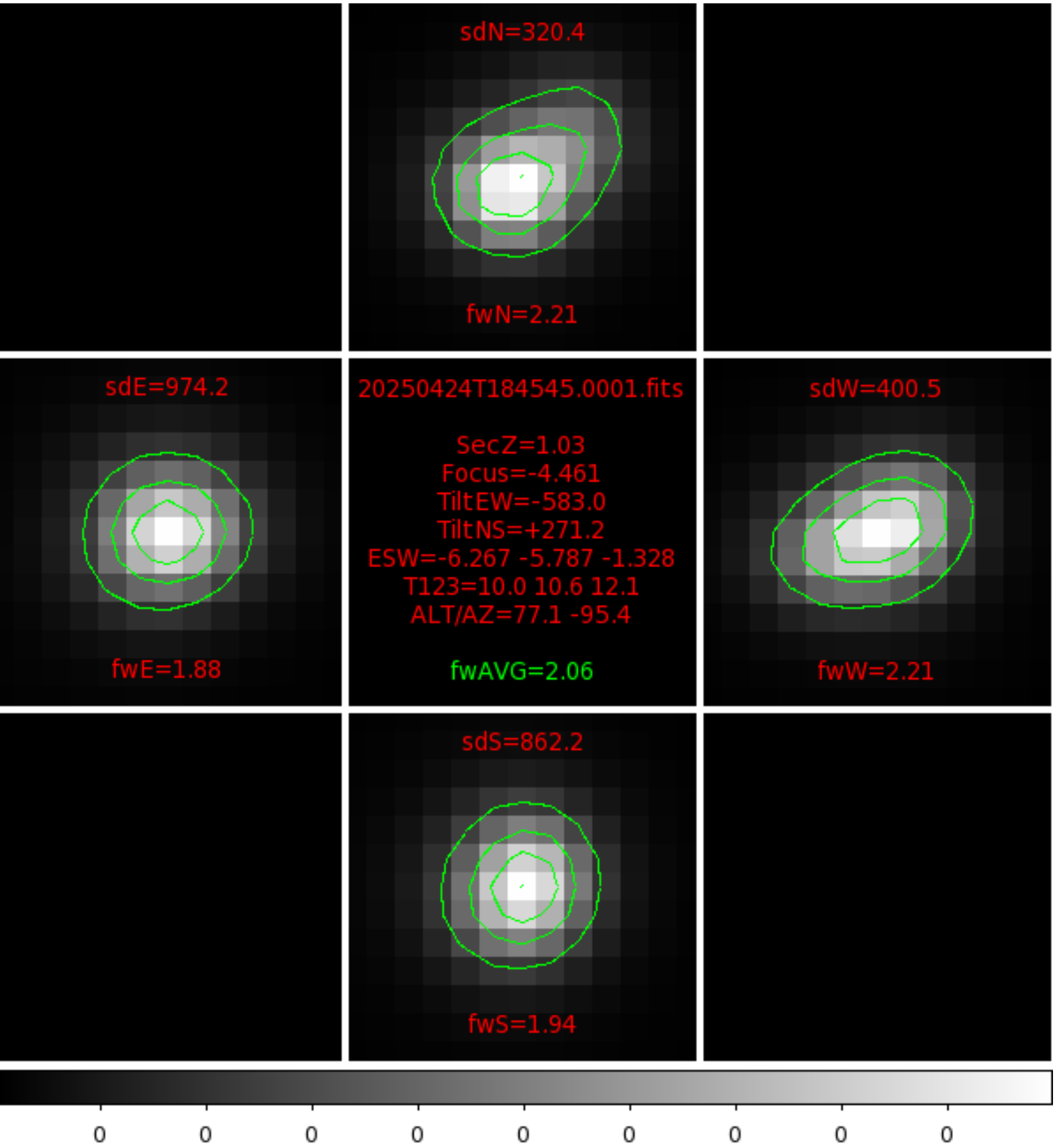
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SecZ=1.03
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
ALT/AZ=77.1 -95.4
fwAVG=2.06
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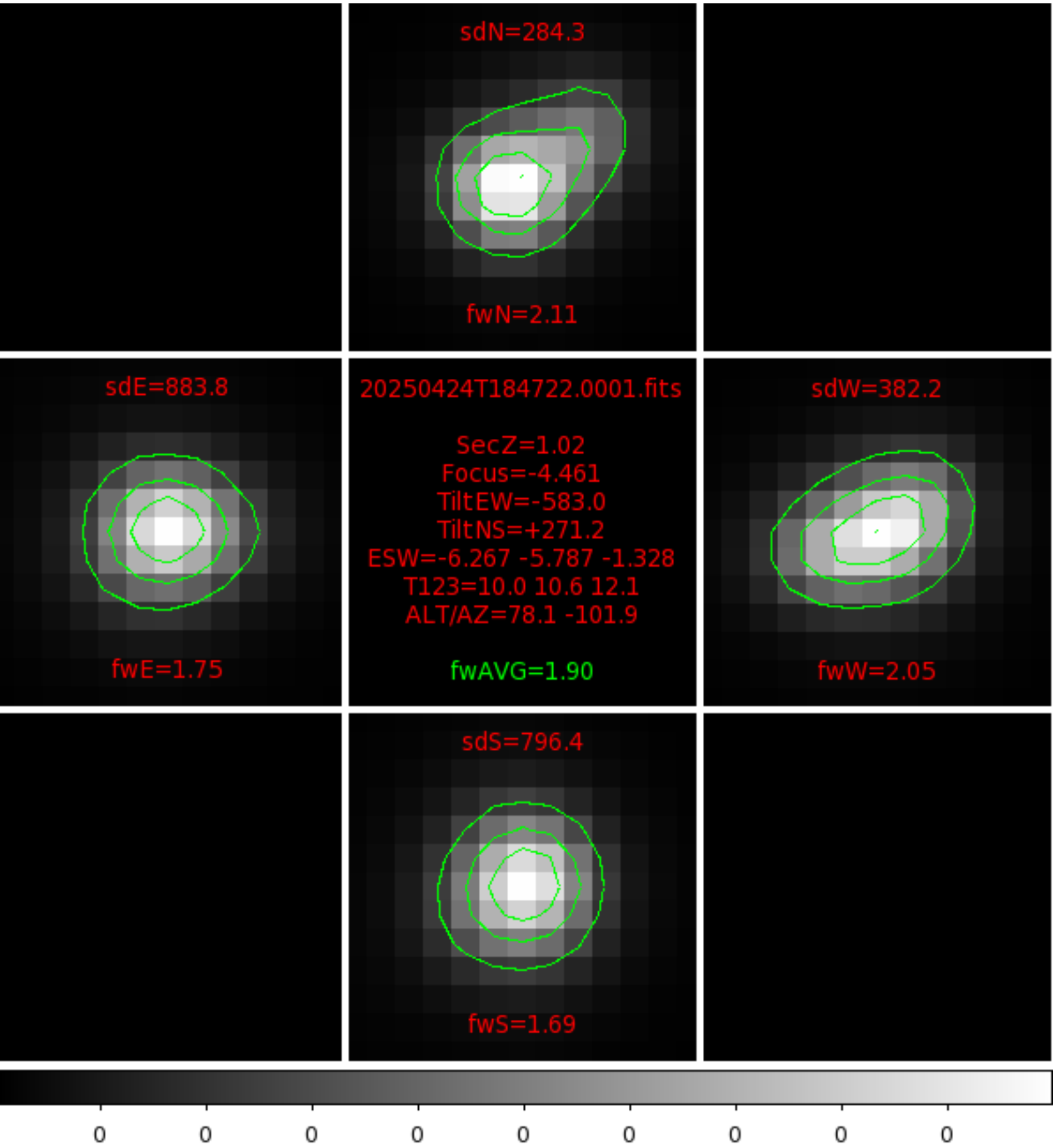
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SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
ALT/AZ=78.1 -101.9
fwAVG=1.90
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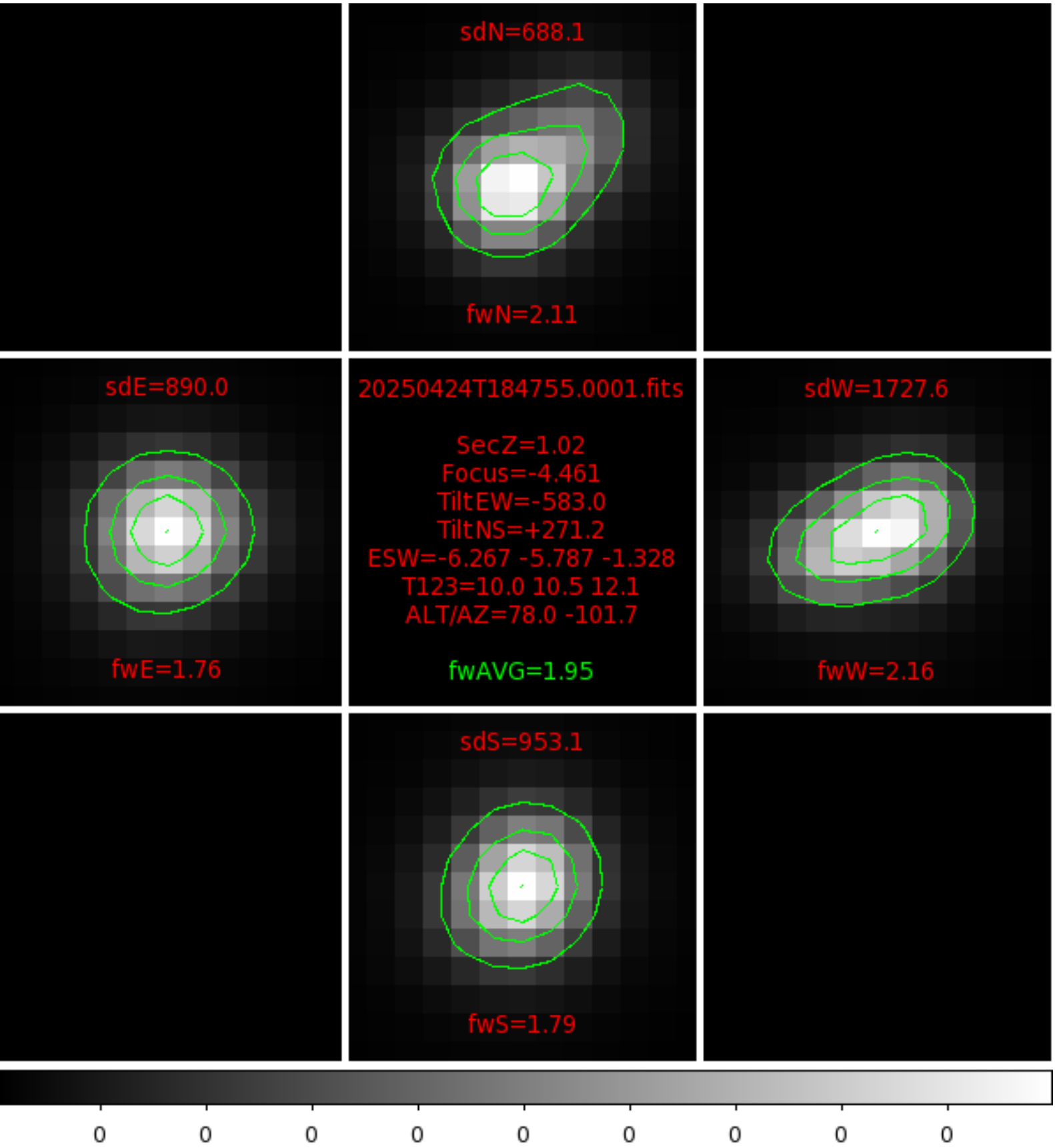
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SecZ=1.02
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.5 12.1
ALT/AZ=78.0 -101.7
fwAVG=1.95
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sdS=953.1
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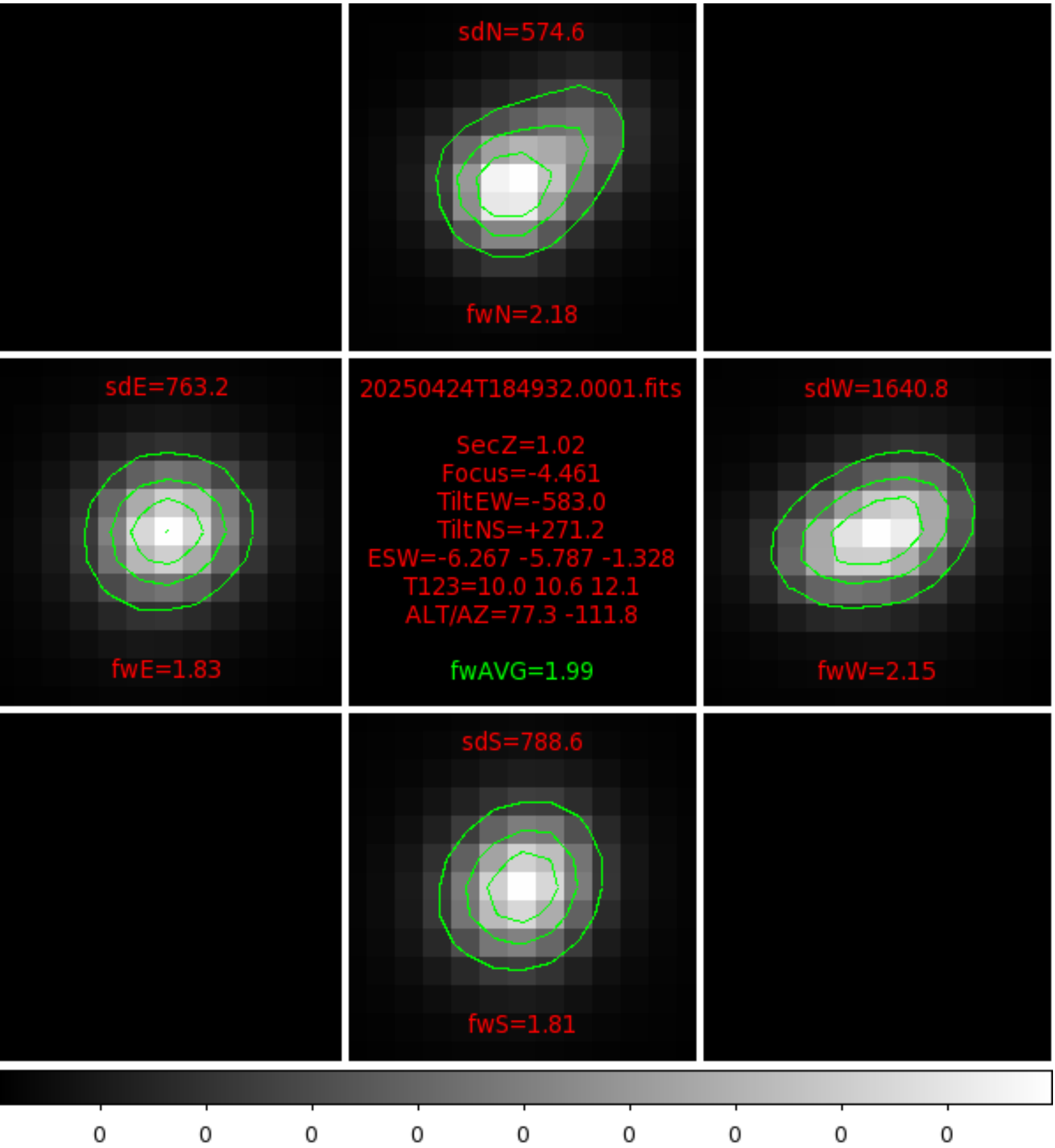
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20250424T184932.0001.fits
SecZ=1.02
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
ALT/AZ=77.3 -111.8
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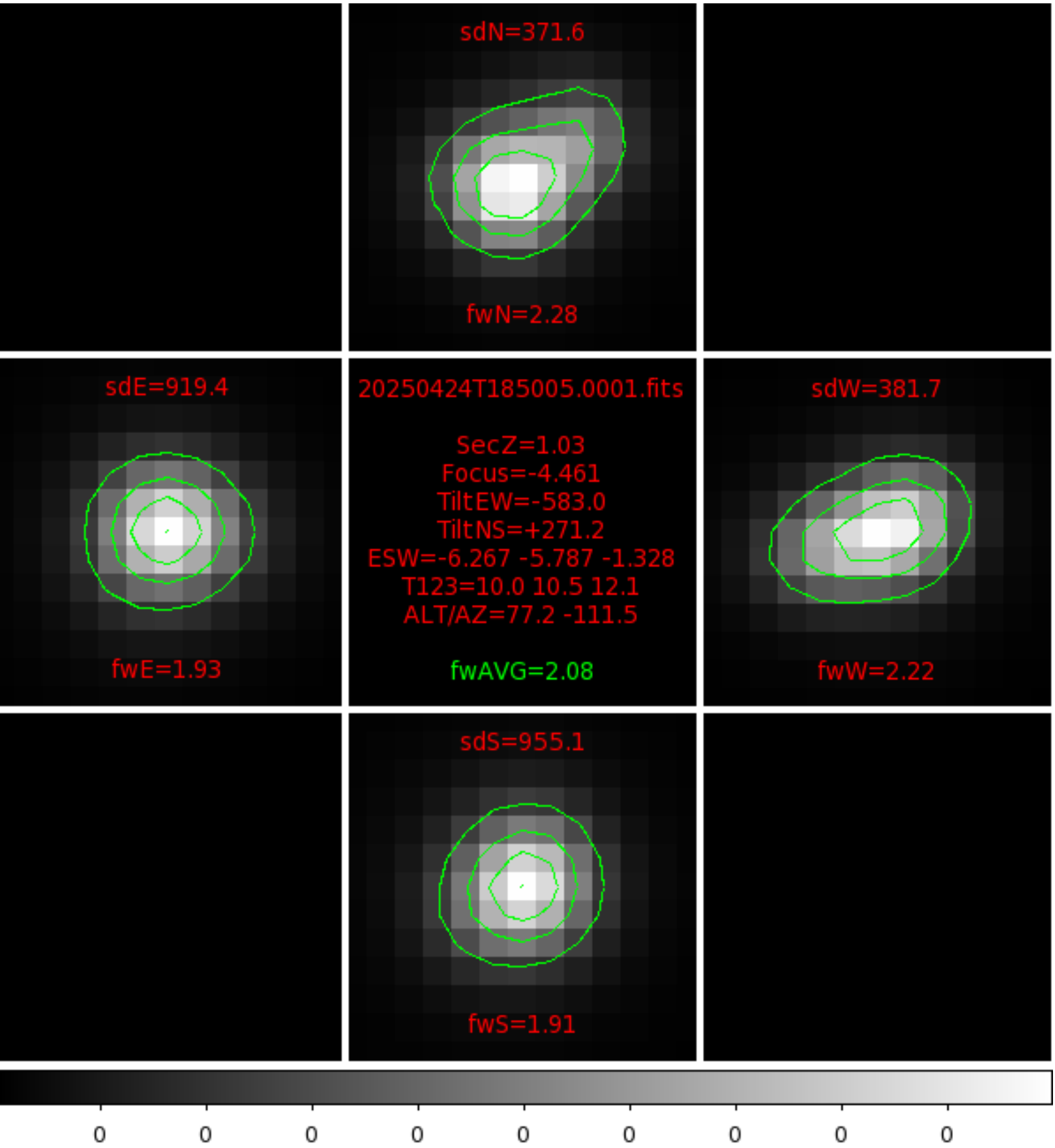
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sdE=919.4
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SecZ=1.03
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.5 12.1
ALT/AZ=77.2 -111.5
fwAVG=2.08
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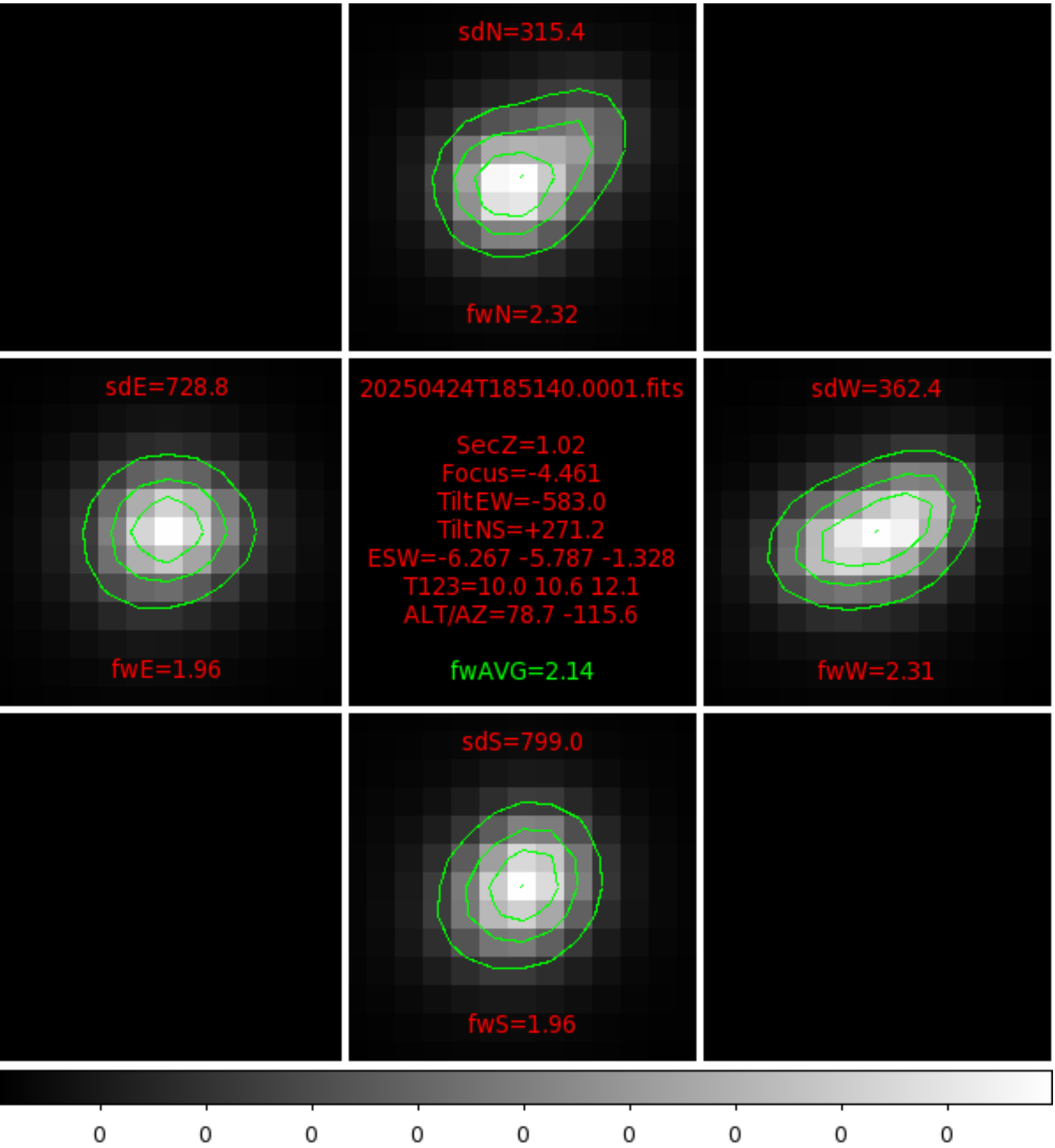
sdN=315.4
fwN=2.32
sdE=728.8
fwE=1.96
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SecZ=1.02
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
ALT/AZ=78.7 -115.6
fwAVG=2.14
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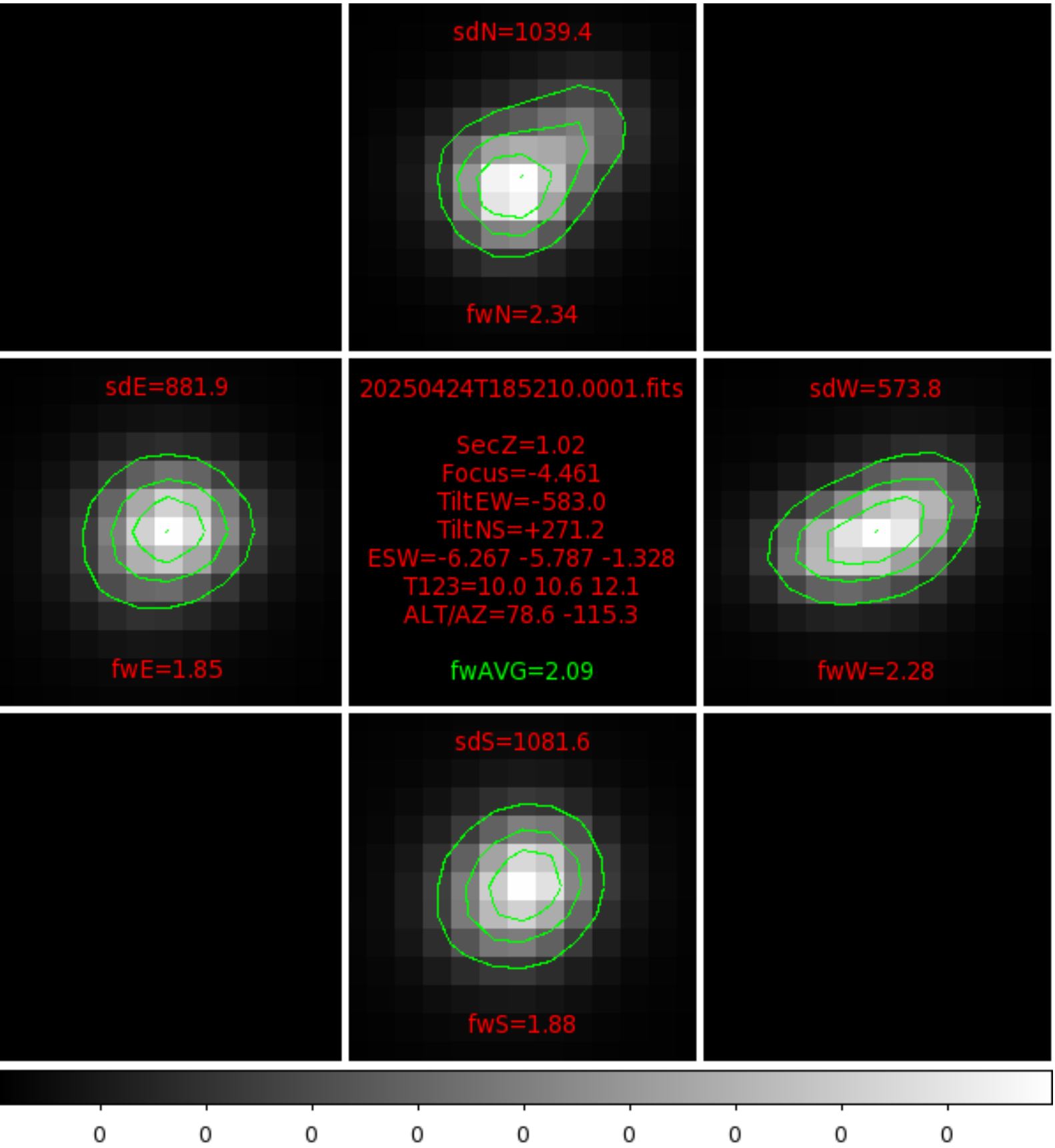
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sdE=881.9
fwE=1.85
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SecZ=1.02
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
ALT/AZ=78.6 -115.3
fwAVG=2.09
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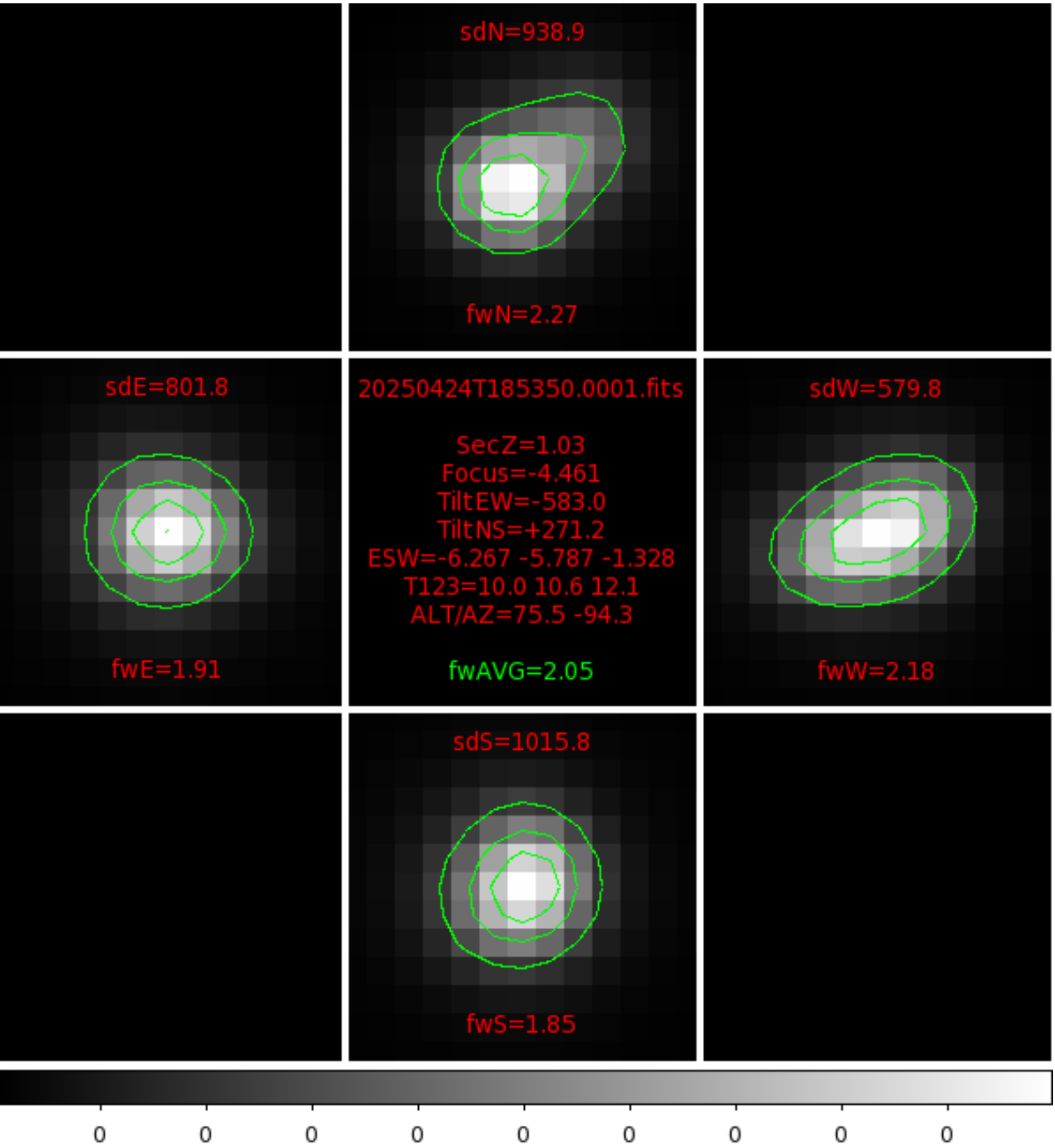
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sdE=801.8
fwE=1.91
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SecZ=1.03
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
ALT/AZ=75.5 -94.3
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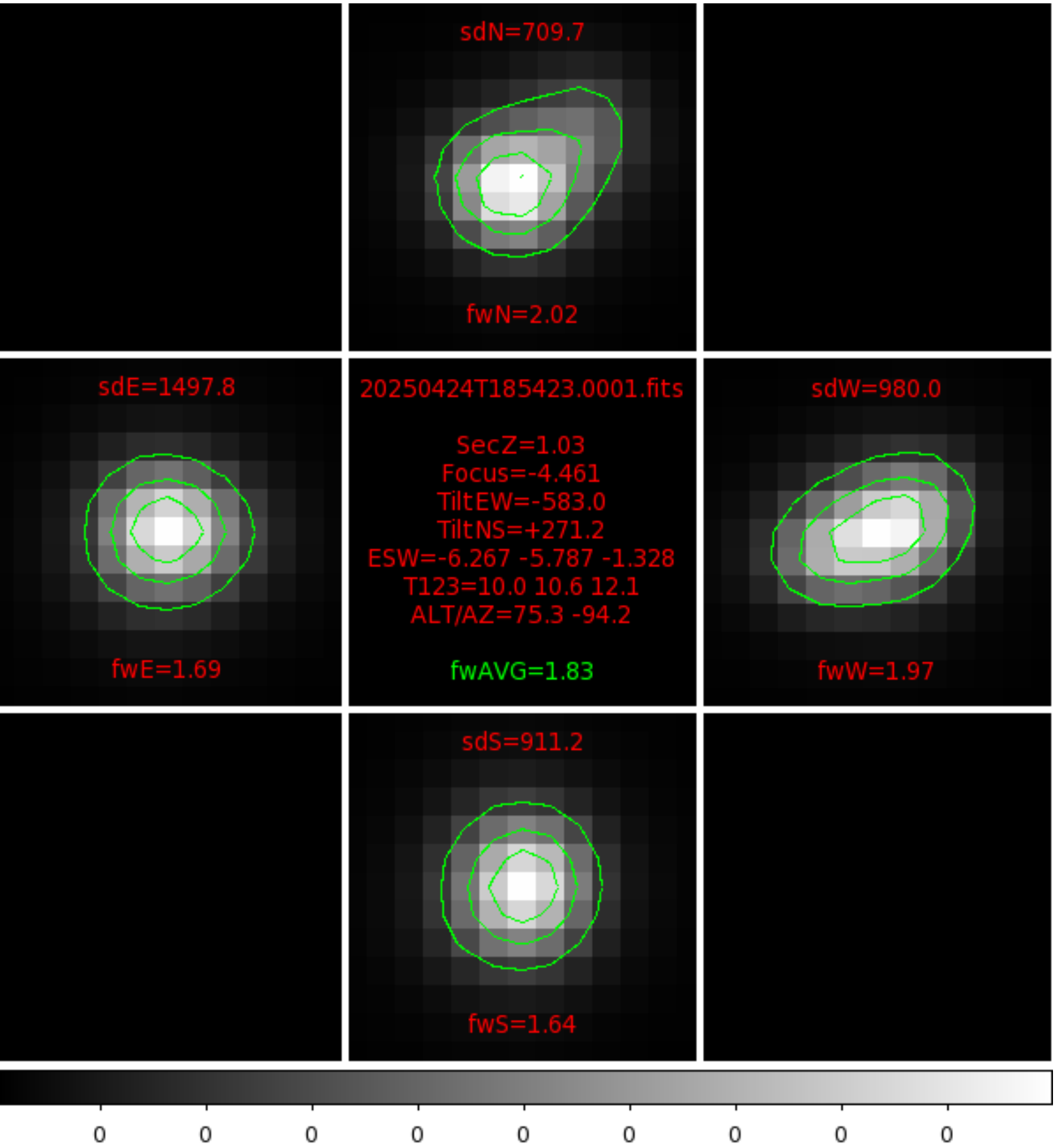
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SecZ=1.03
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
ALT/AZ=75.3 -94.2
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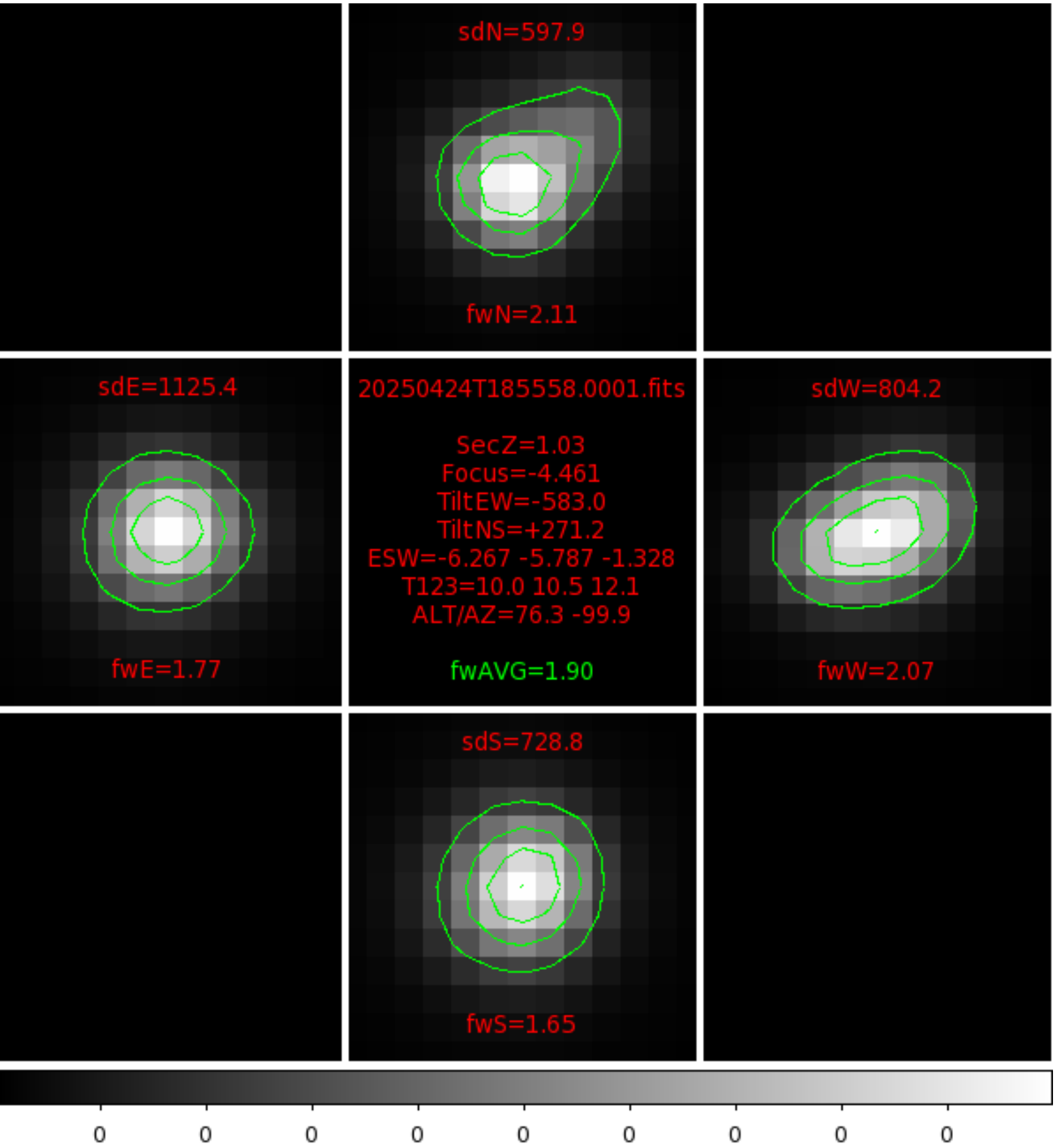
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sdE=1125.4
fwE=1.77
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SecZ=1.03
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.5 12.1
ALT/AZ=76.3 -99.9
fwAVG=1.90
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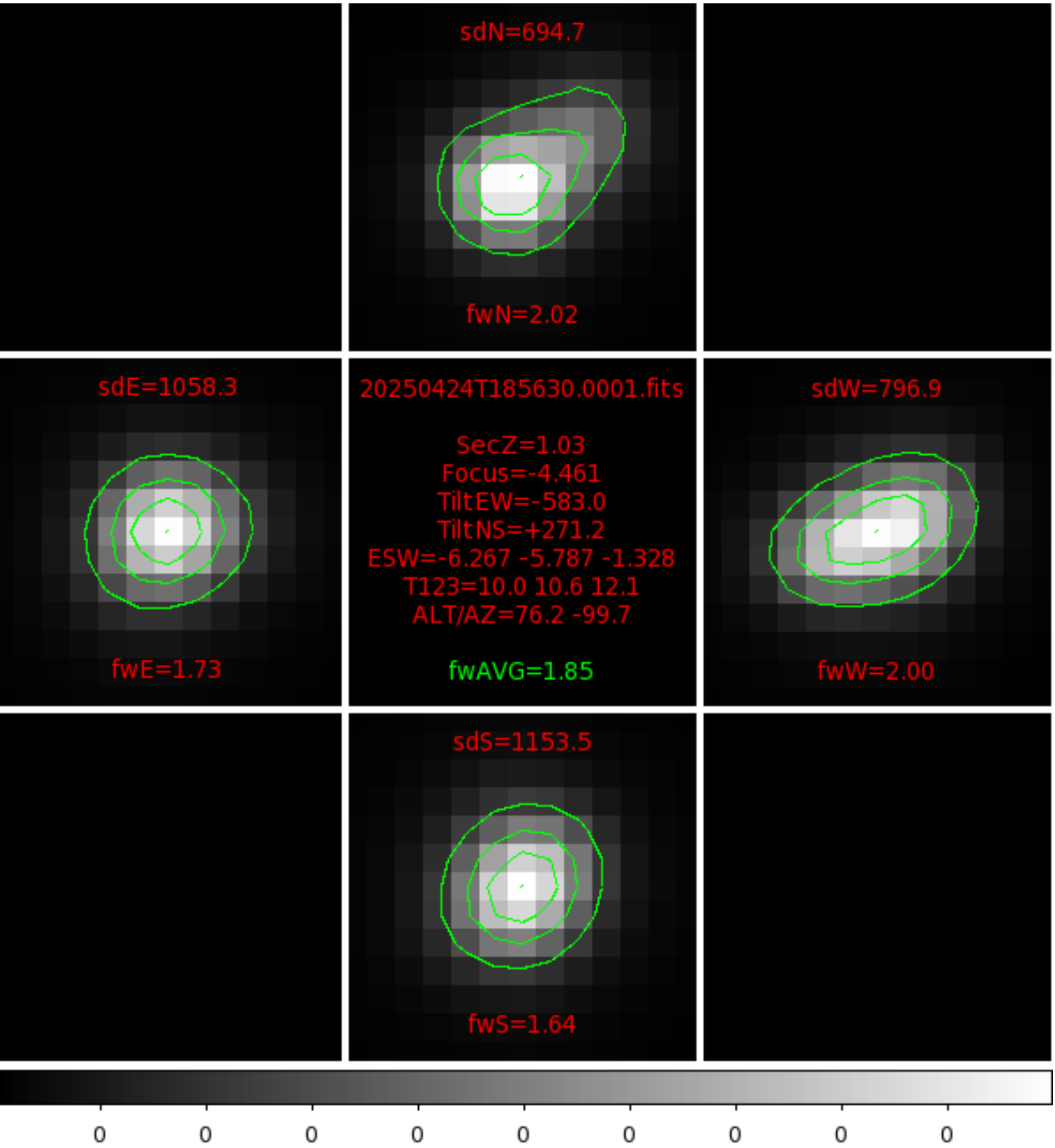
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SecZ=1.03
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ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
ALT/AZ=76.2 -99.7
fwAVG=1.85
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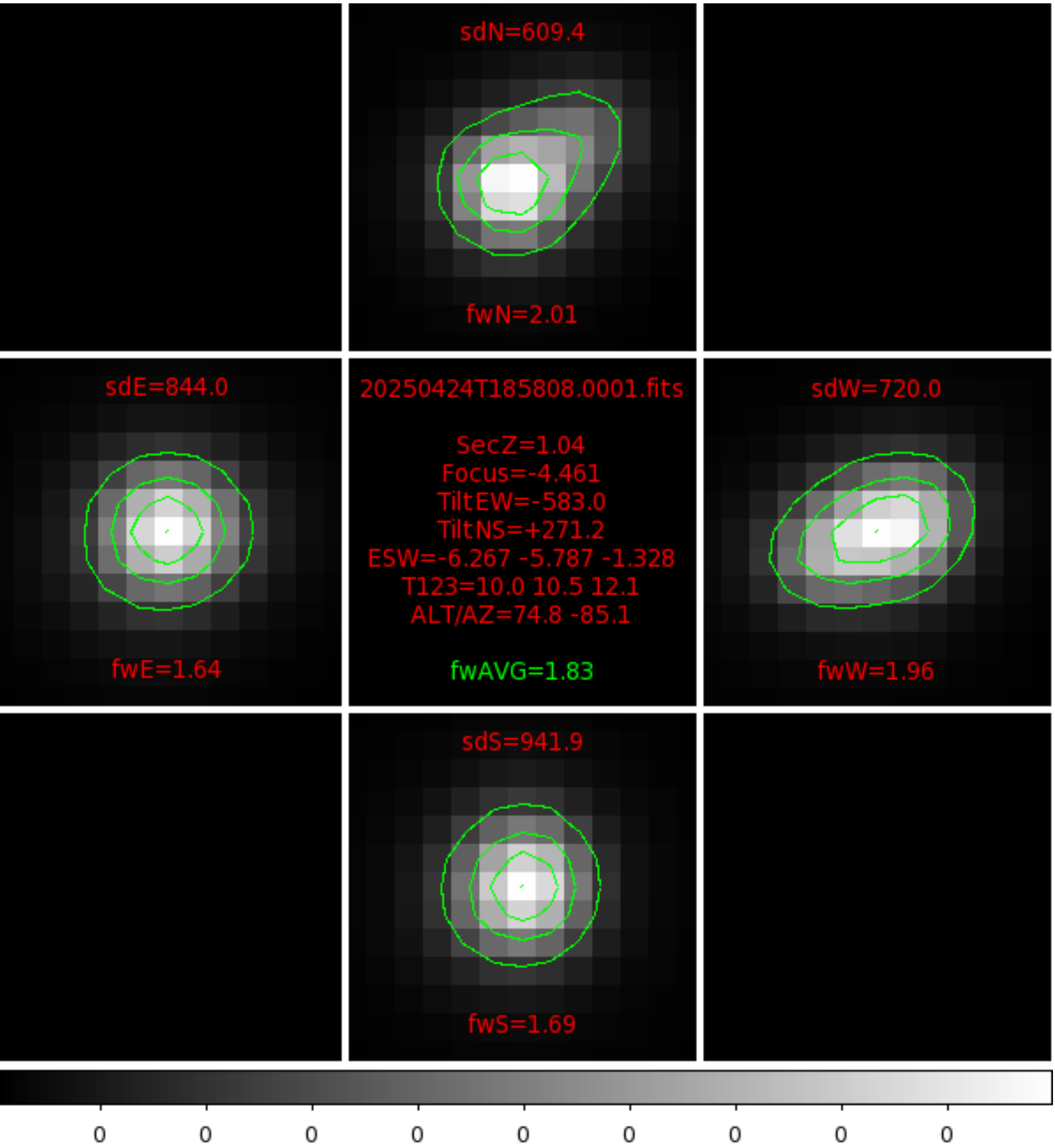
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SecZ=1.04
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.5 12.1
ALT/AZ=74.8 -85.1
fwAVG=1.83
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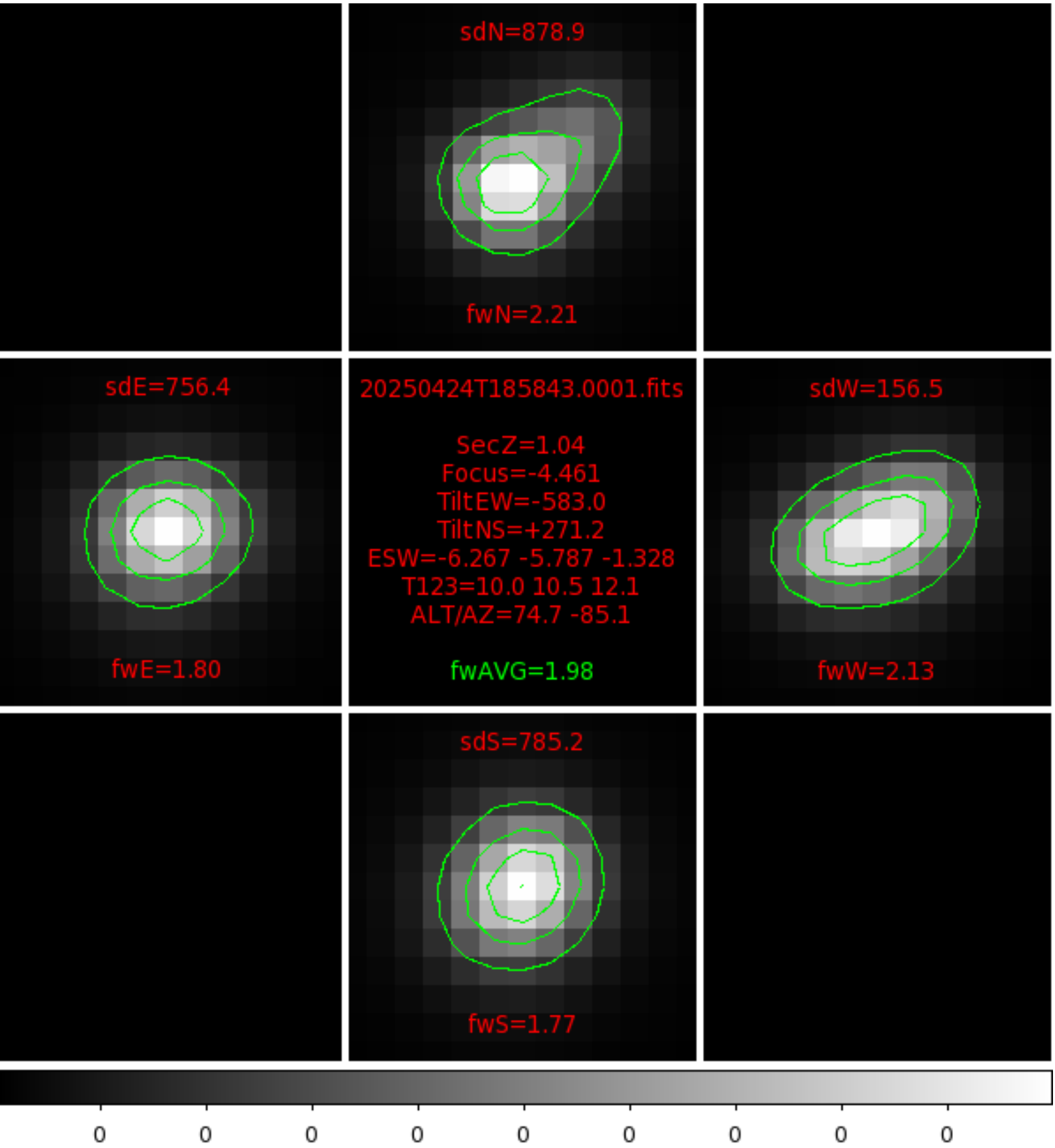
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SecZ=1.04
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.5 12.1
ALT/AZ=74.7 -85.1
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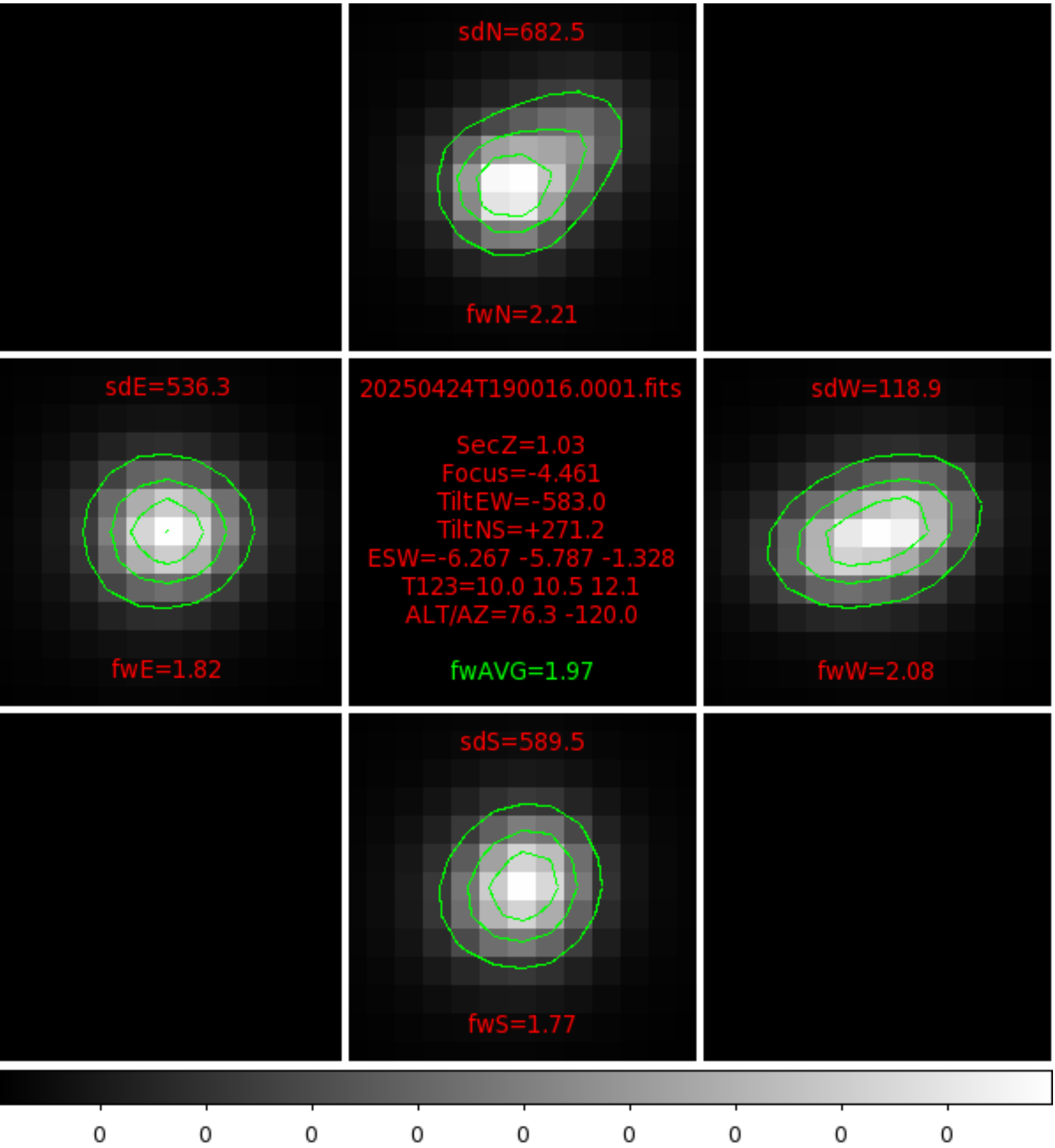
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fwE=1.82
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SecZ=1.03
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.5 12.1
ALT/AZ=76.3 -120.0
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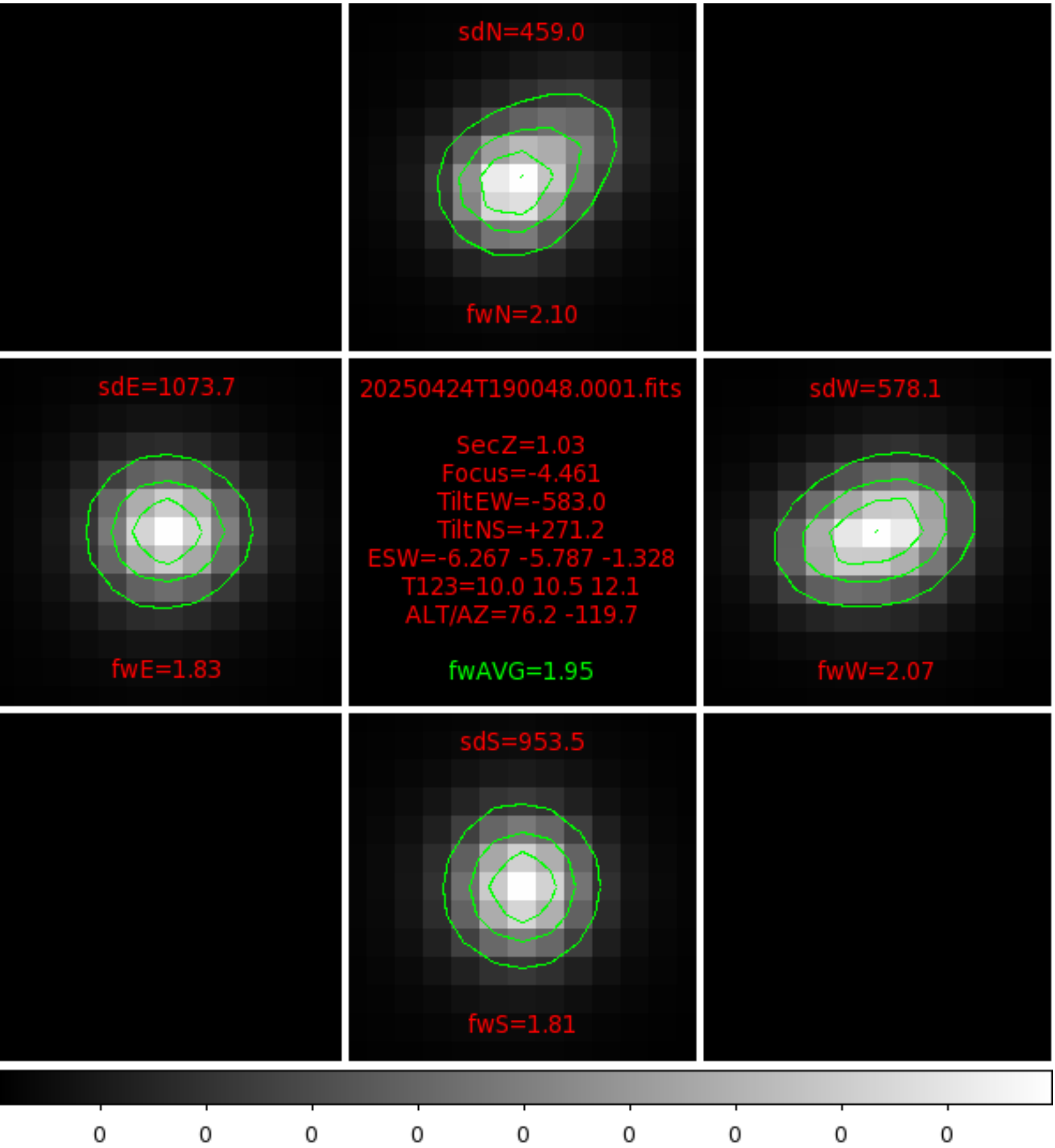
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fwE=1.83
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SecZ=1.03
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.5 12.1
ALT/AZ=76.2 -119.7
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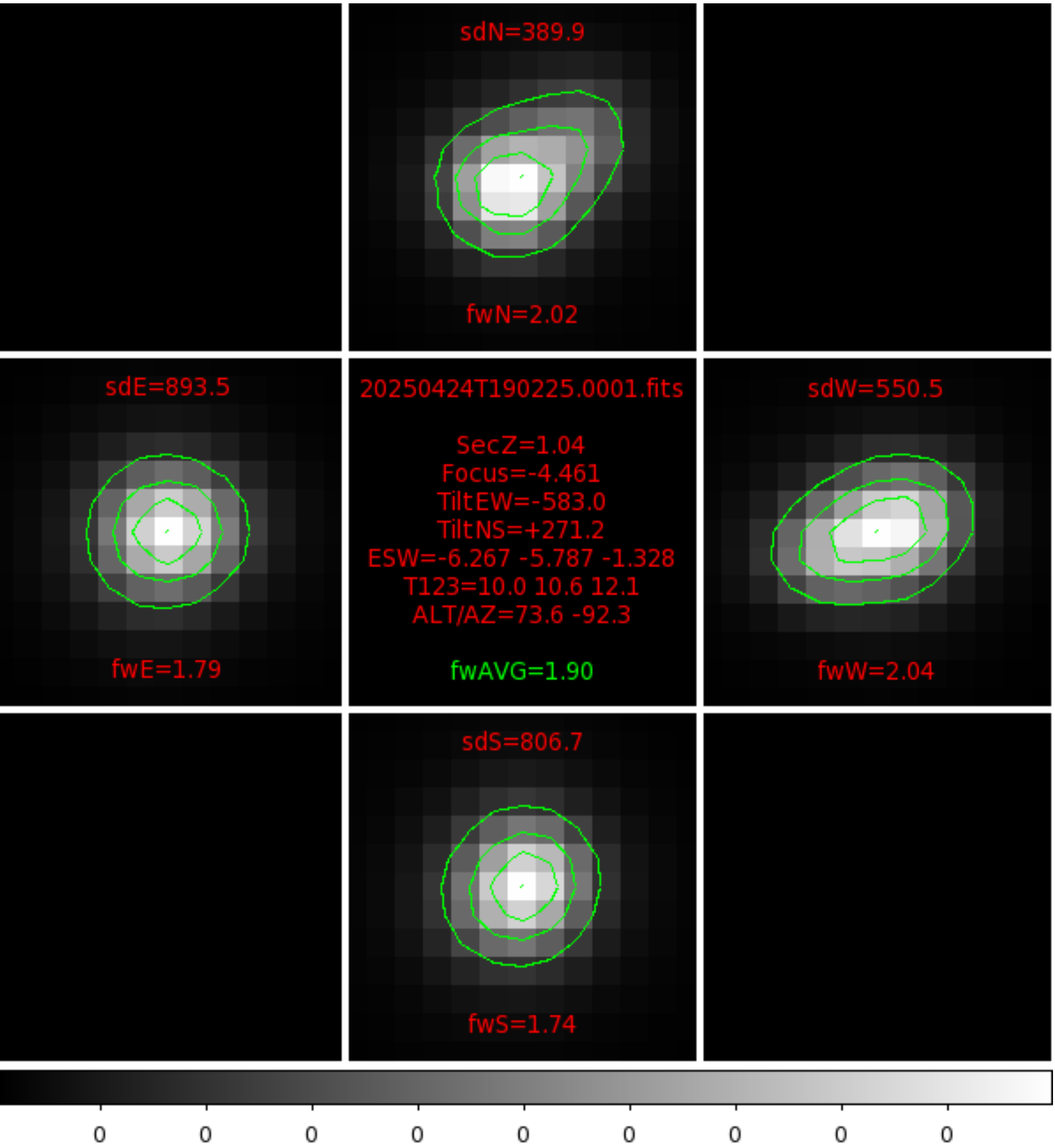
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SecZ=1.04
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
ALT/AZ=73.6 -92.3
fwAVG=1.90
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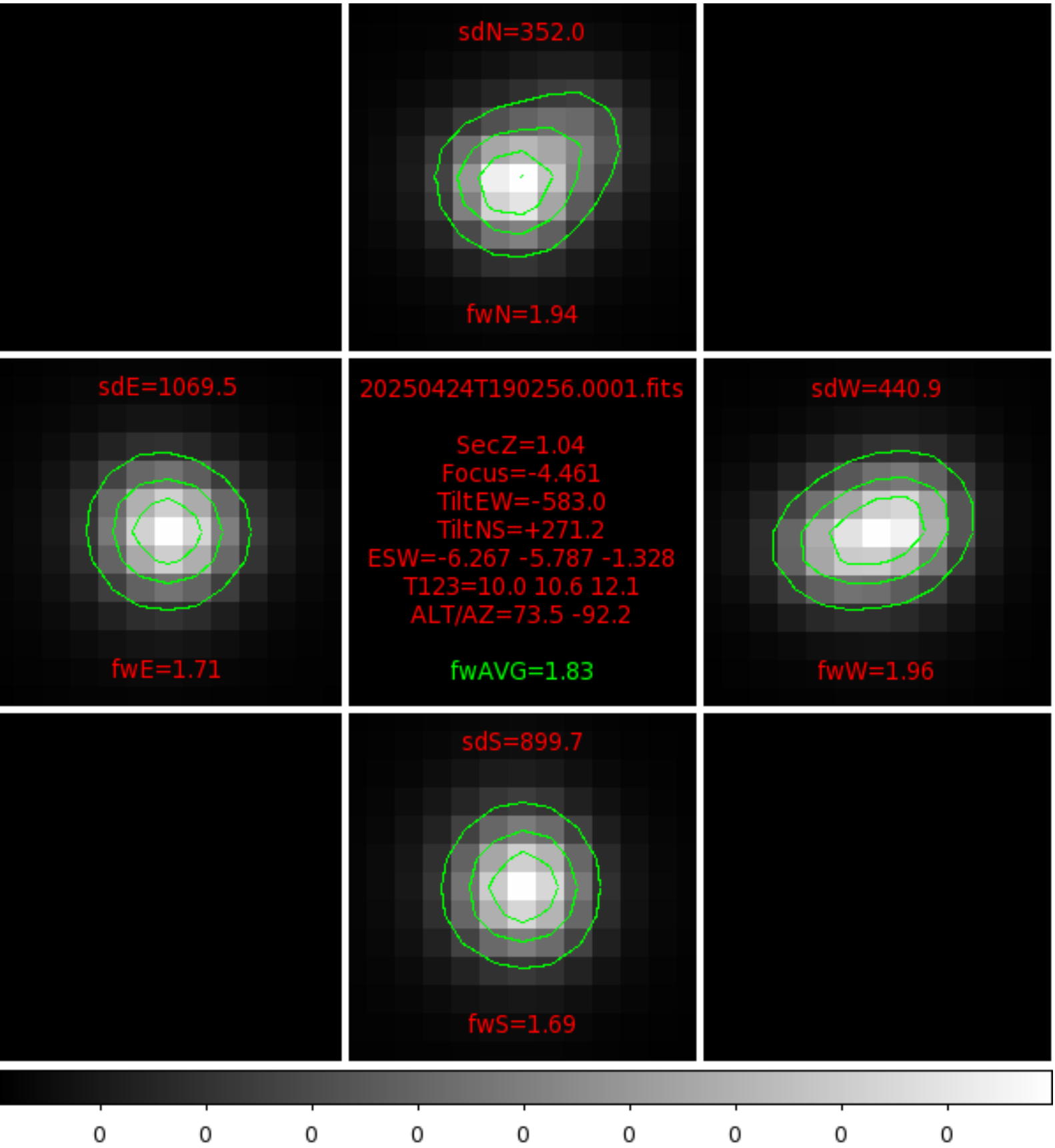
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SecZ=1.04
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
ALT/AZ=73.5 -92.2
fwAVG=1.83
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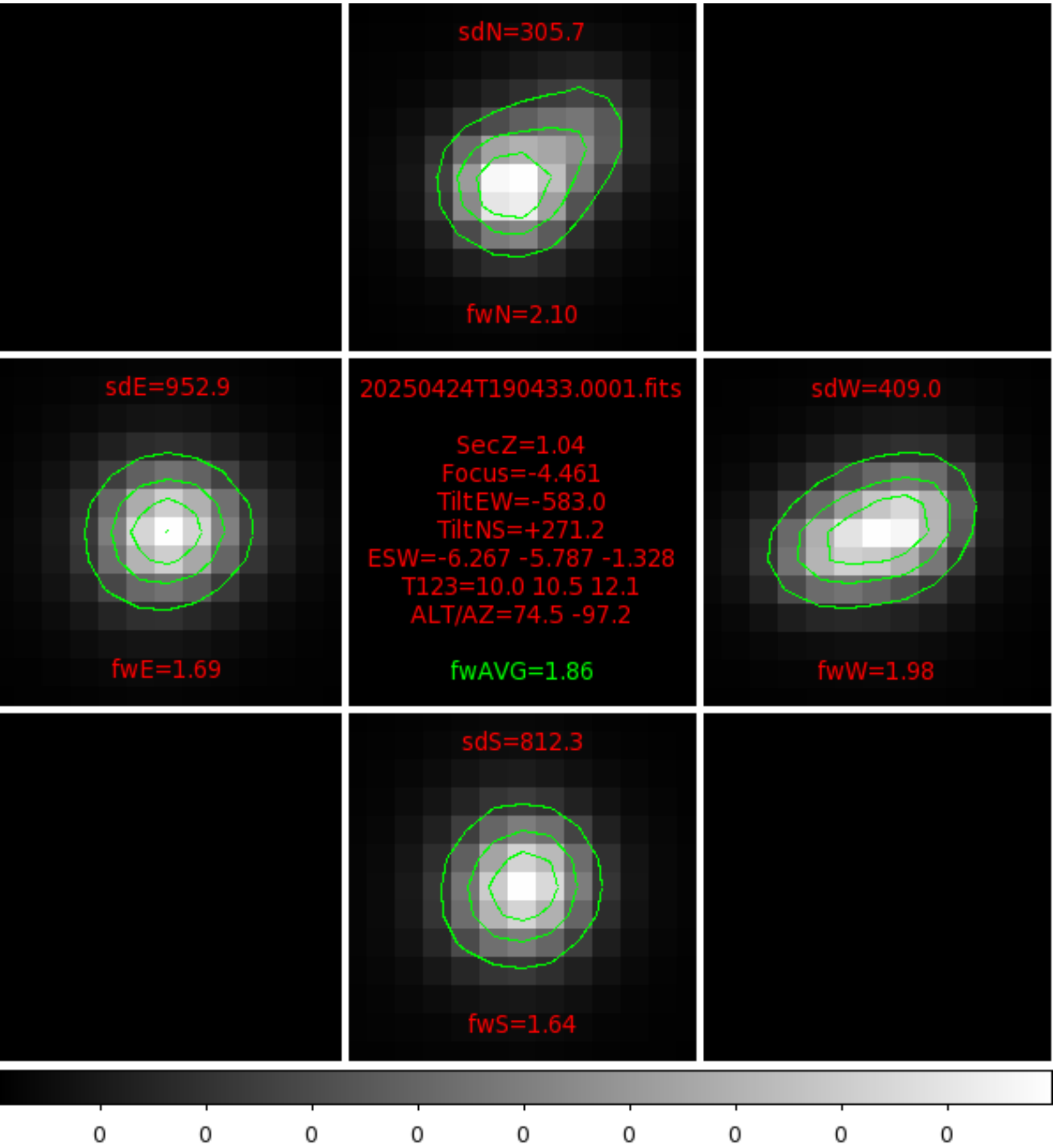
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sdE=952.9
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SecZ=1.04
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.5 12.1
ALT/AZ=74.5 -97.2
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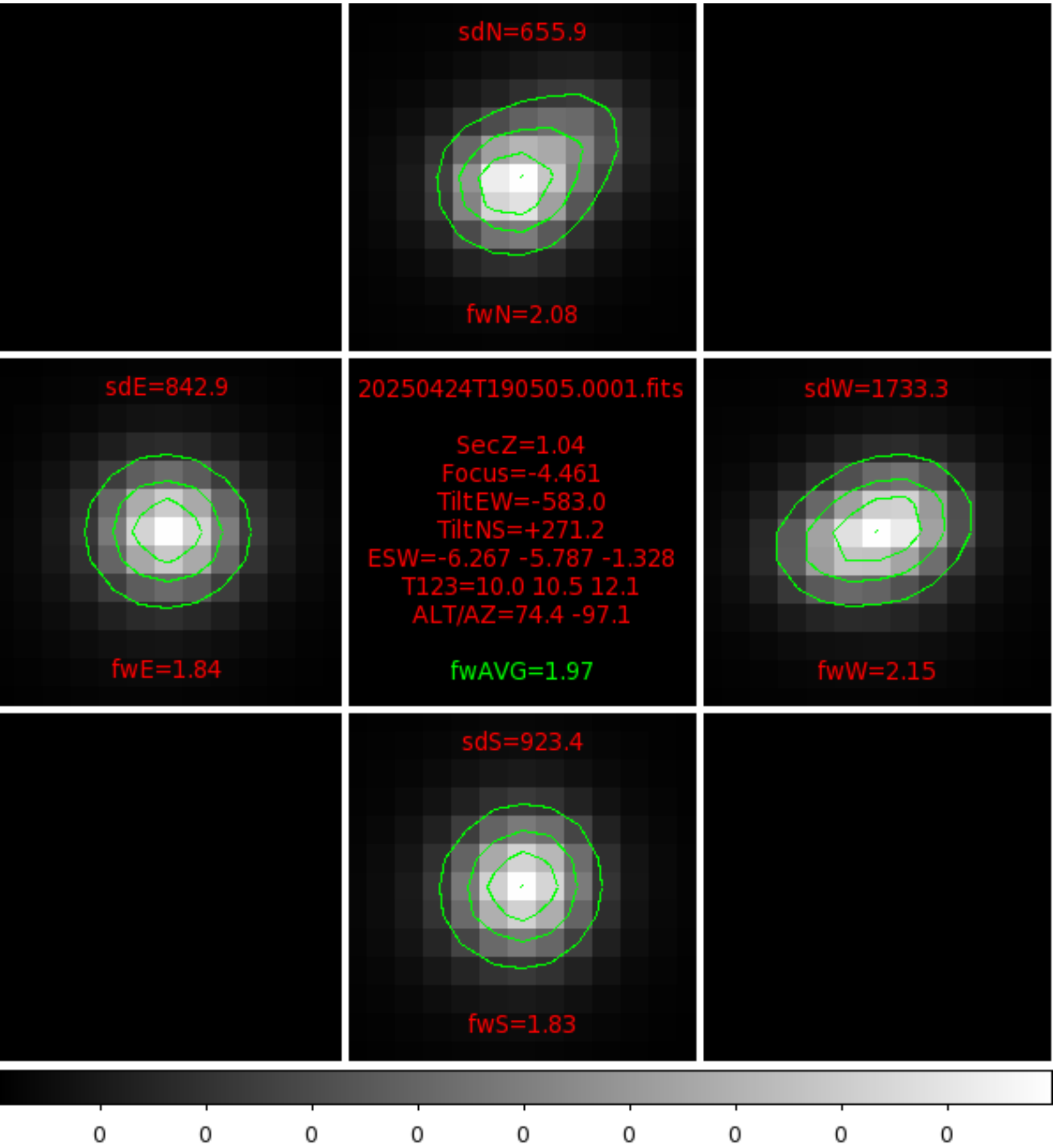
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fwE=1.84
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SecZ=1.04
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.5 12.1
ALT/AZ=74.4 -97.1
fwAVG=1.97
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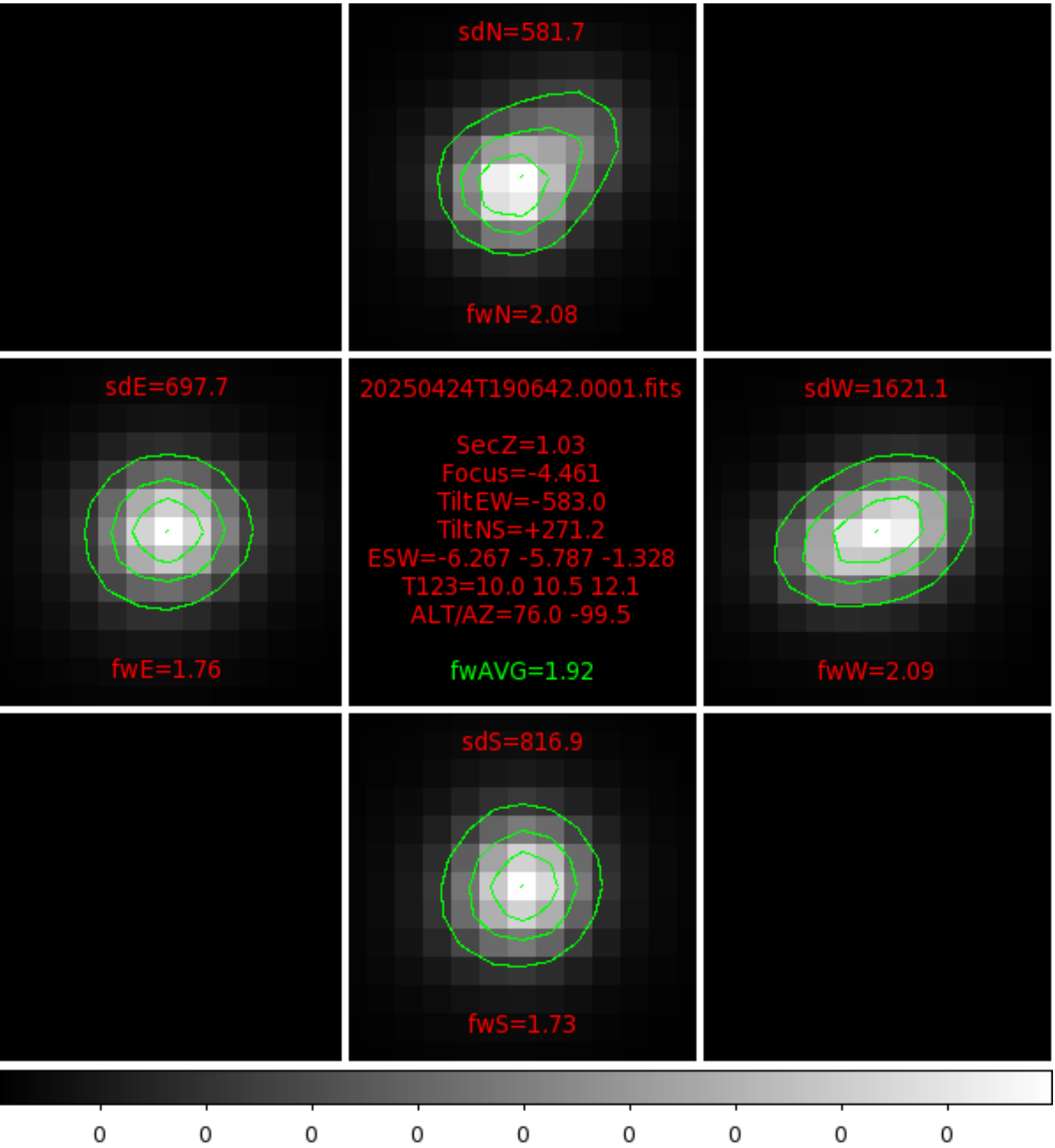
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SecZ=1.03
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.5 12.1
ALT/AZ=76.0 -99.5
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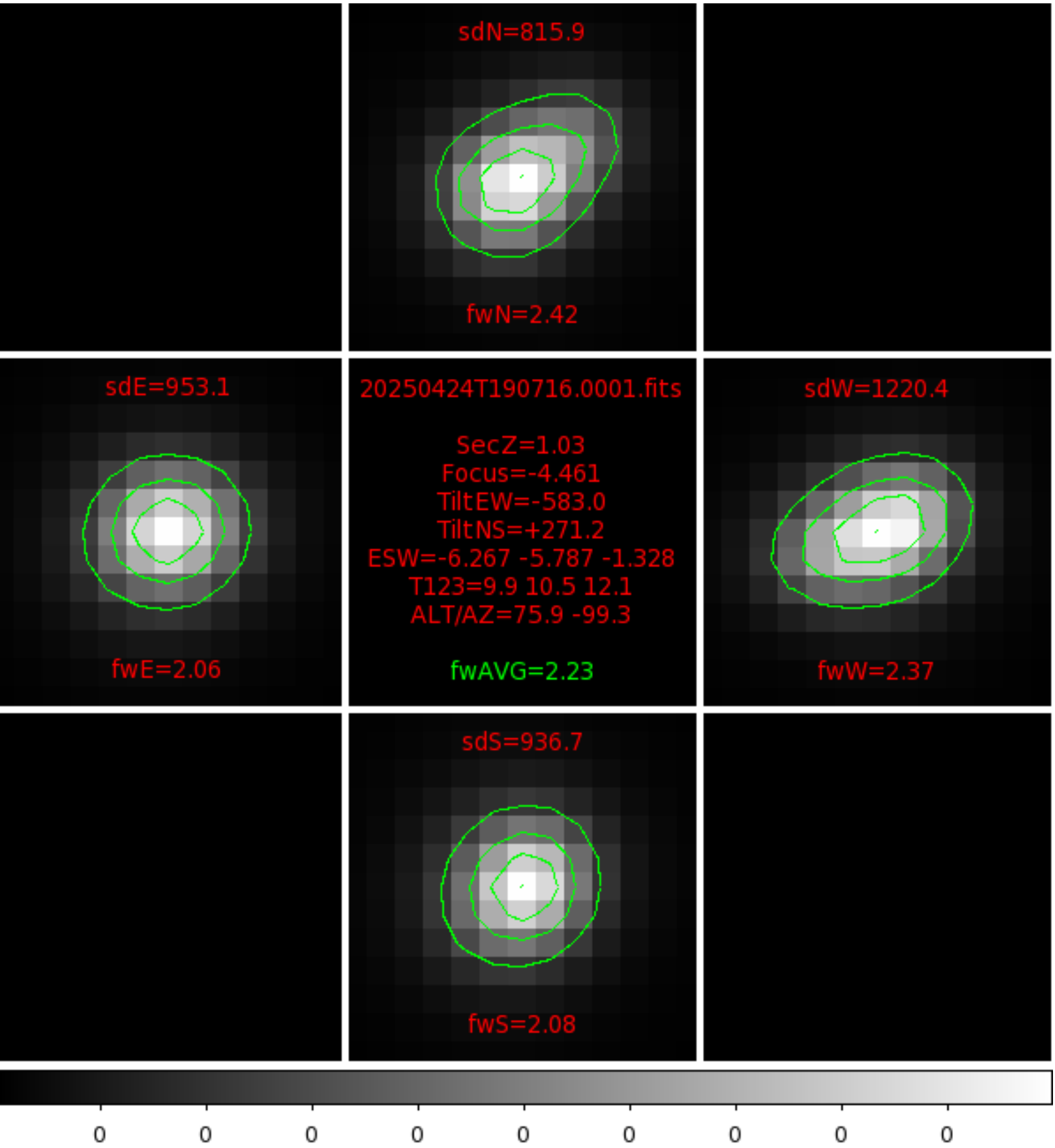
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T123=9.9 10.5 12.1
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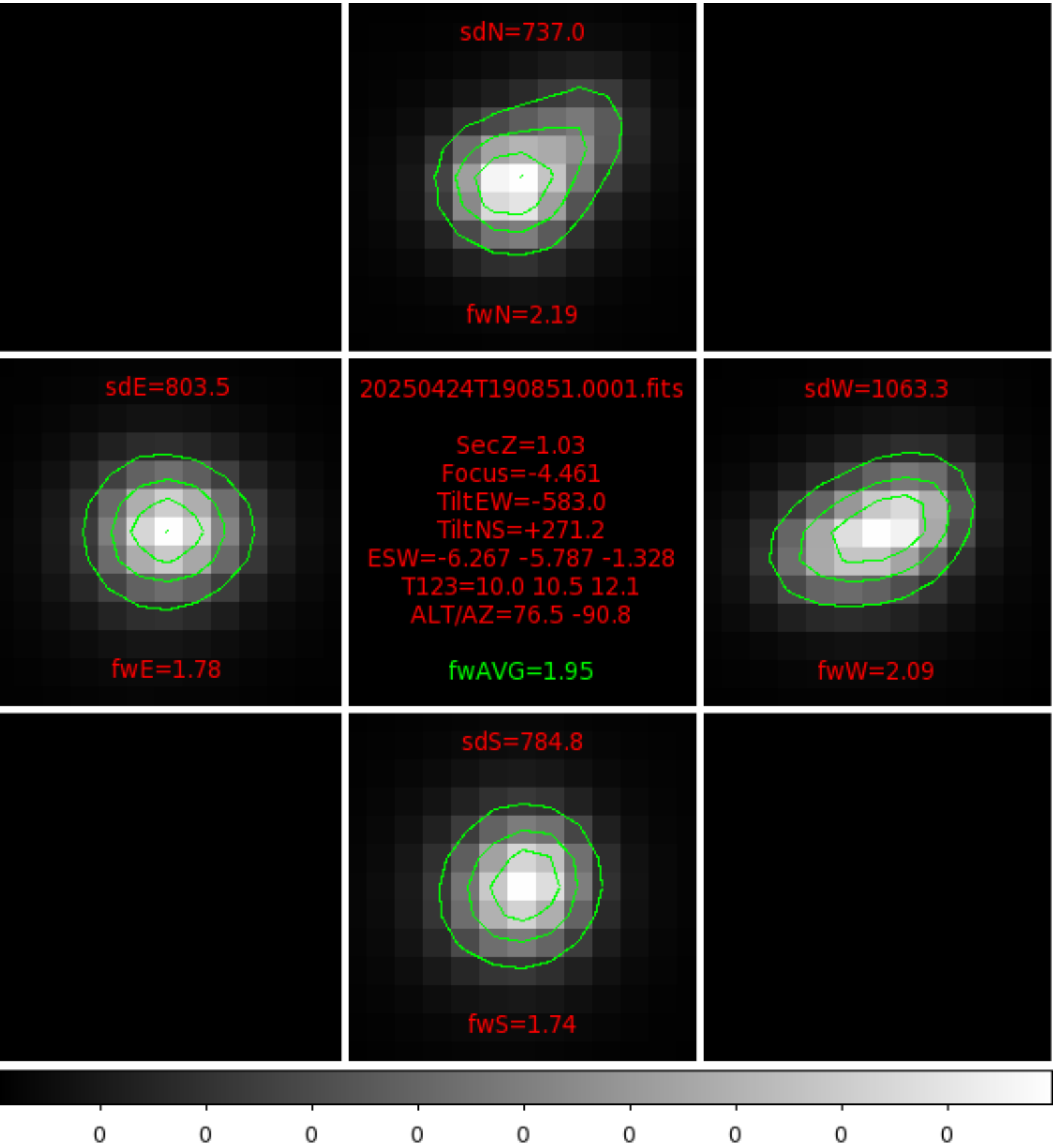
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T123=10.0 10.5 12.1
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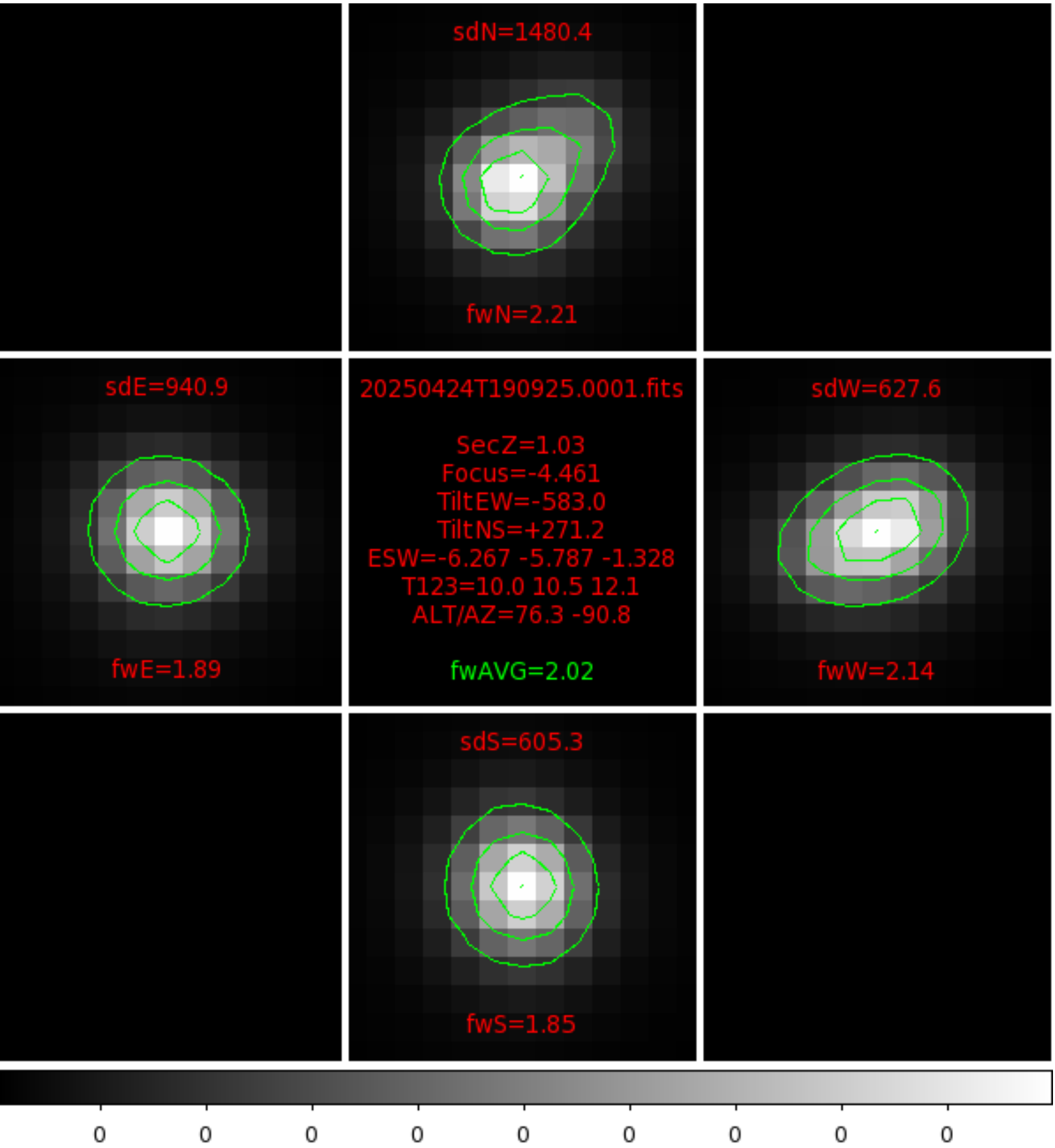
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ESW=-6.267 -5.787 -1.328
T123=10.0 10.5 12.1
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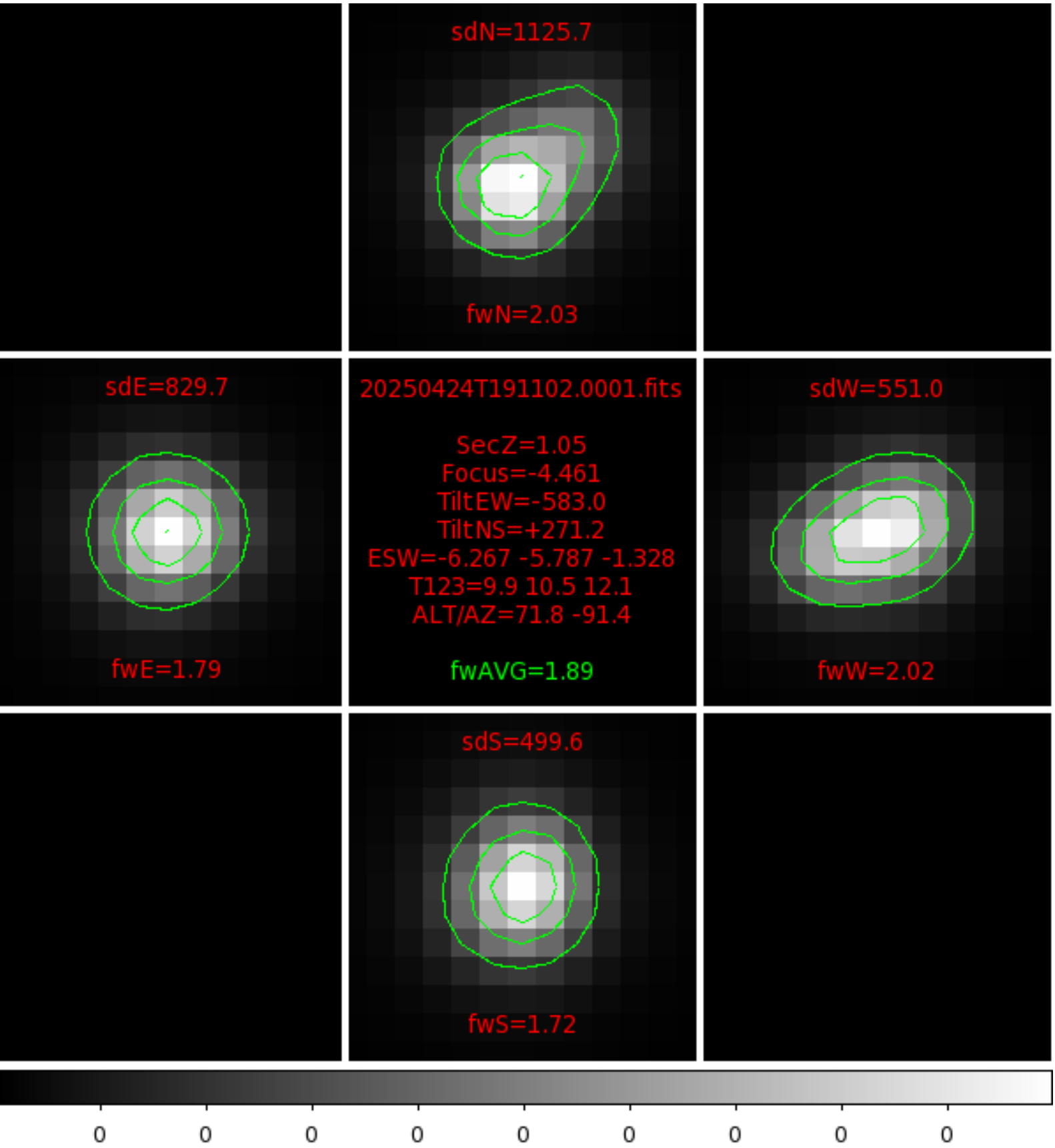
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T123=9.9 10.5 12.1
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fwAVG=1.89
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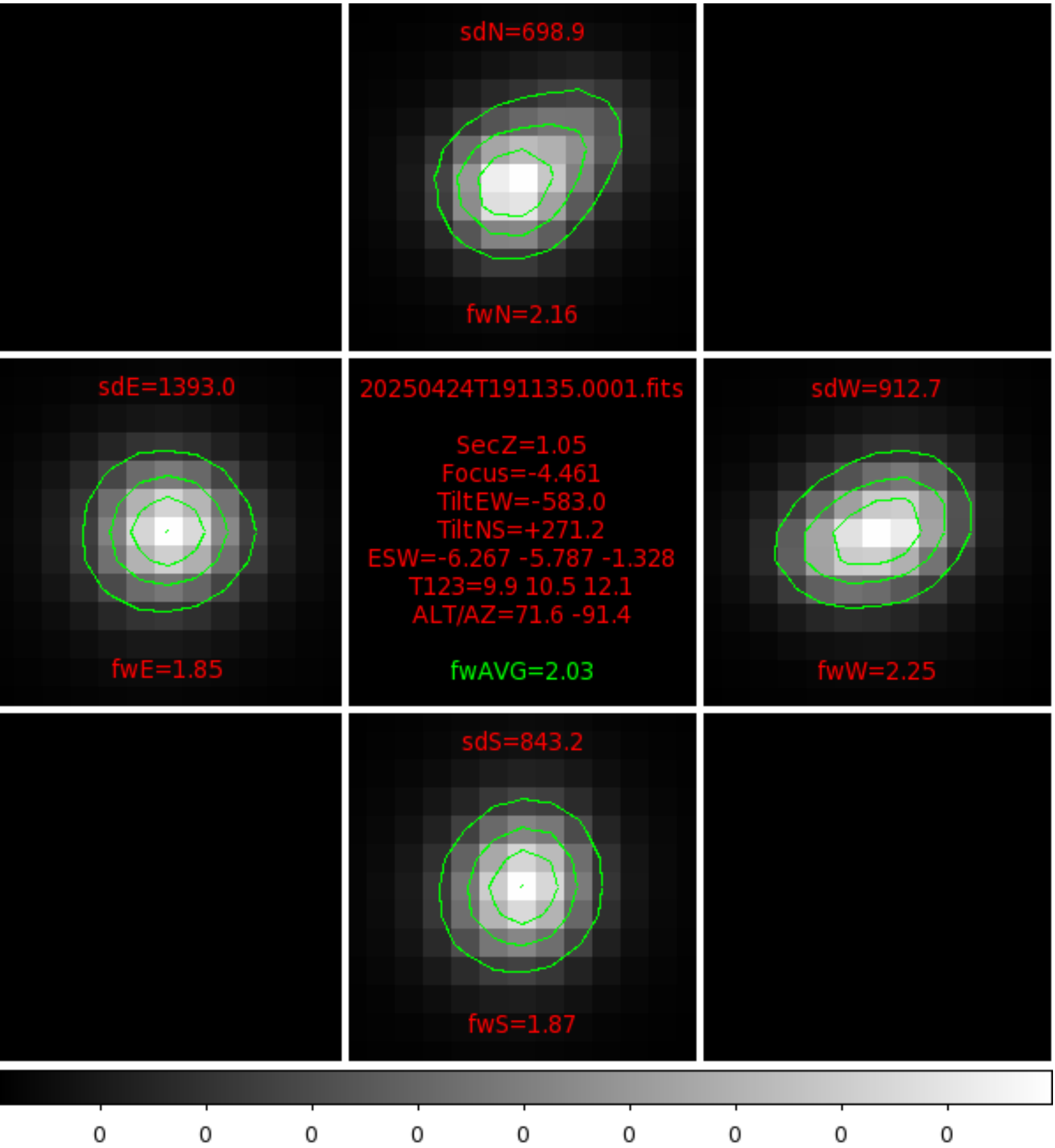
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SecZ=1.05
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.5 12.1
ALT/AZ=71.6 -91.4
fwAVG=2.03
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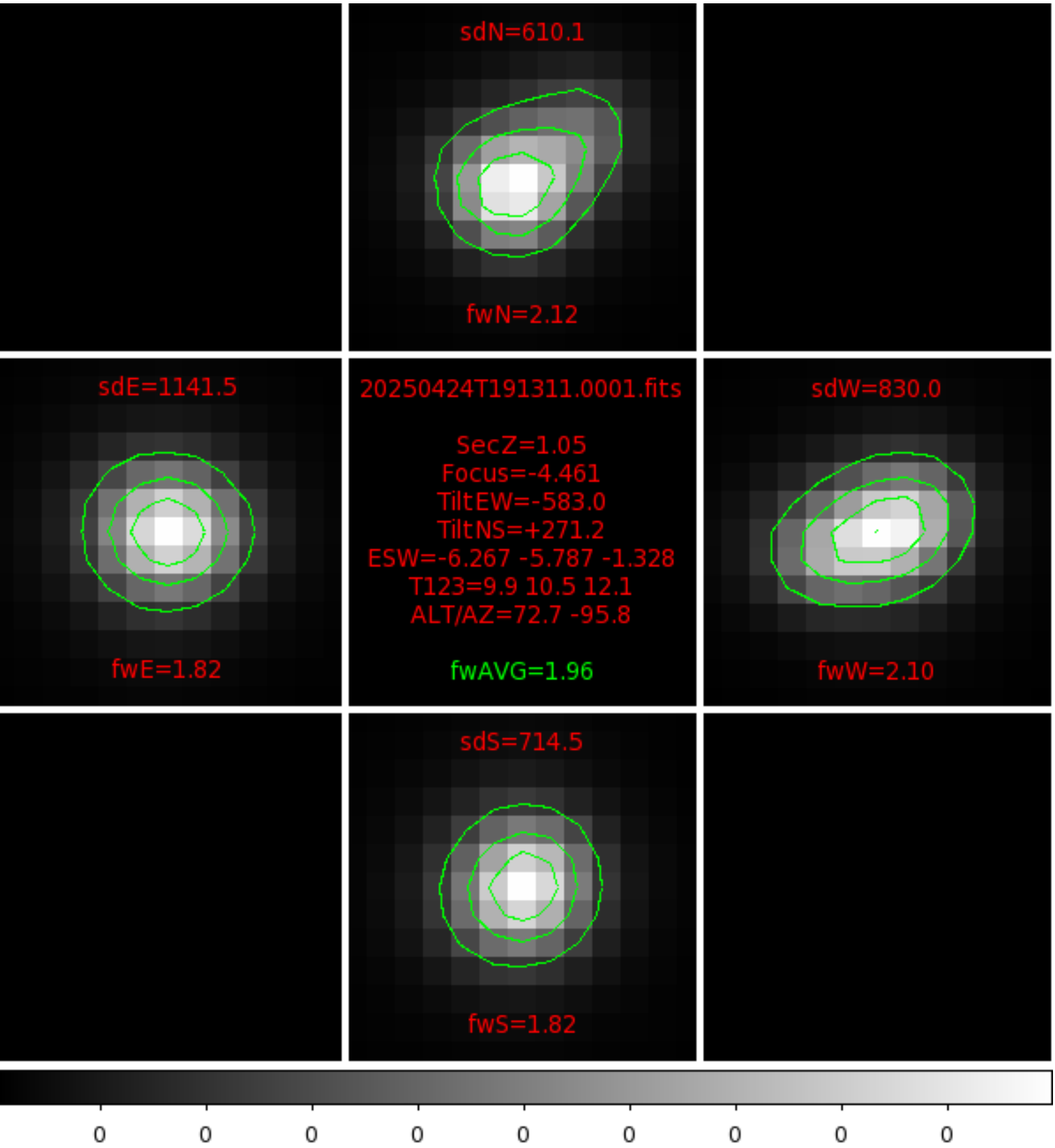
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SecZ=1.05
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.5 12.1
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fwAVG=1.96
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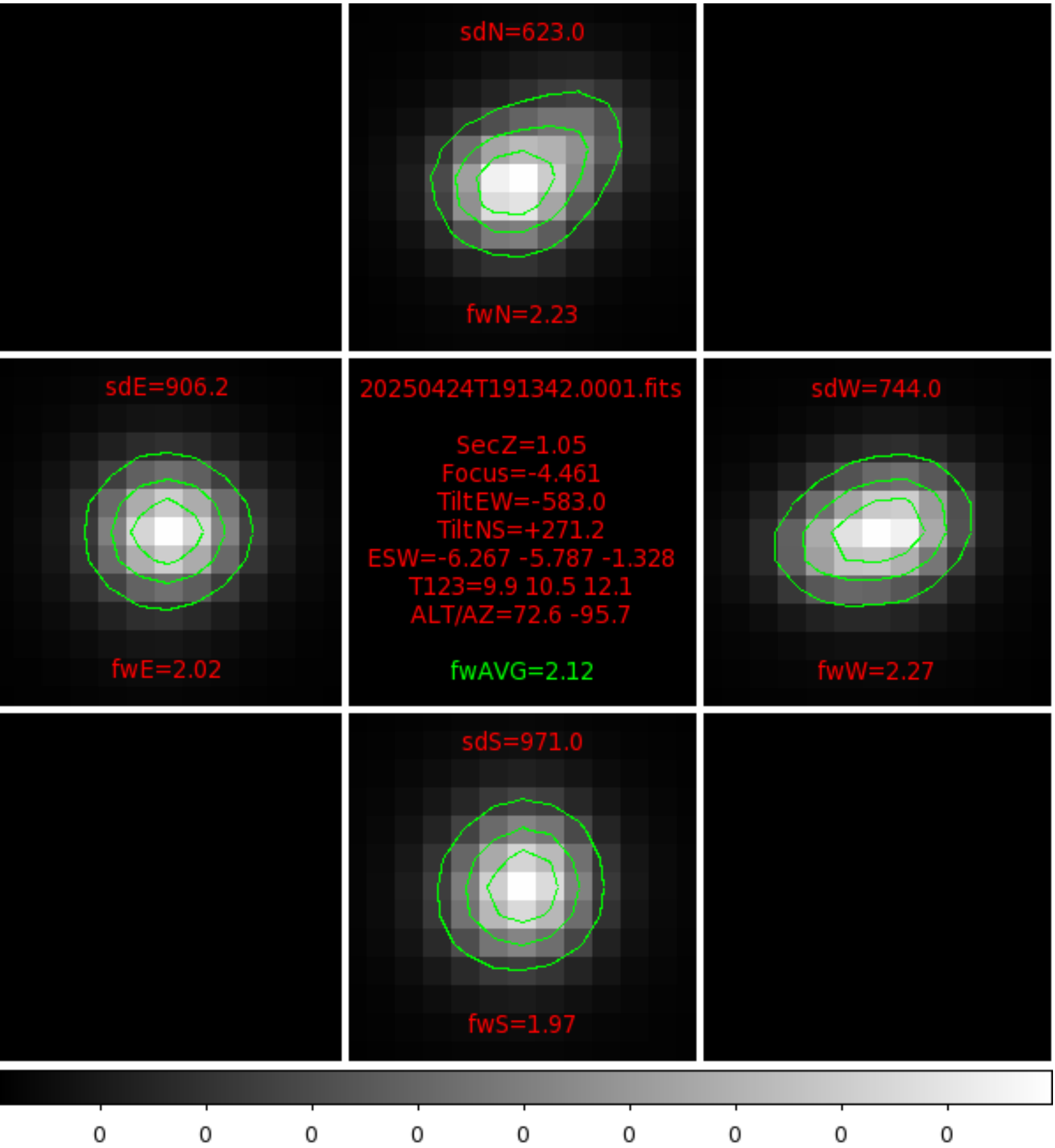
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SecZ=1.05
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.5 12.1
ALT/AZ=72.6 -95.7
fwAVG=2.12
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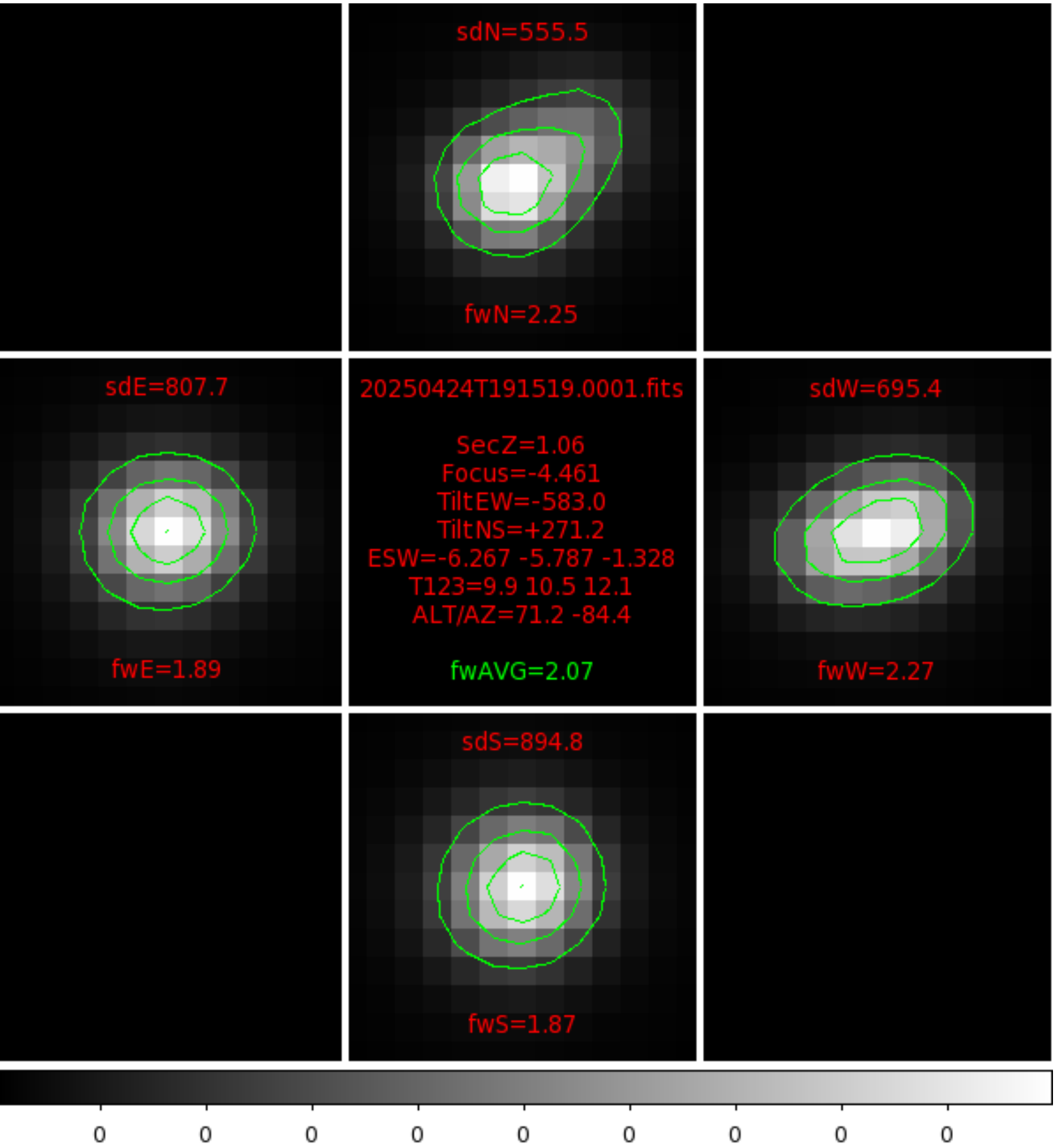
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SecZ=1.06
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.5 12.1
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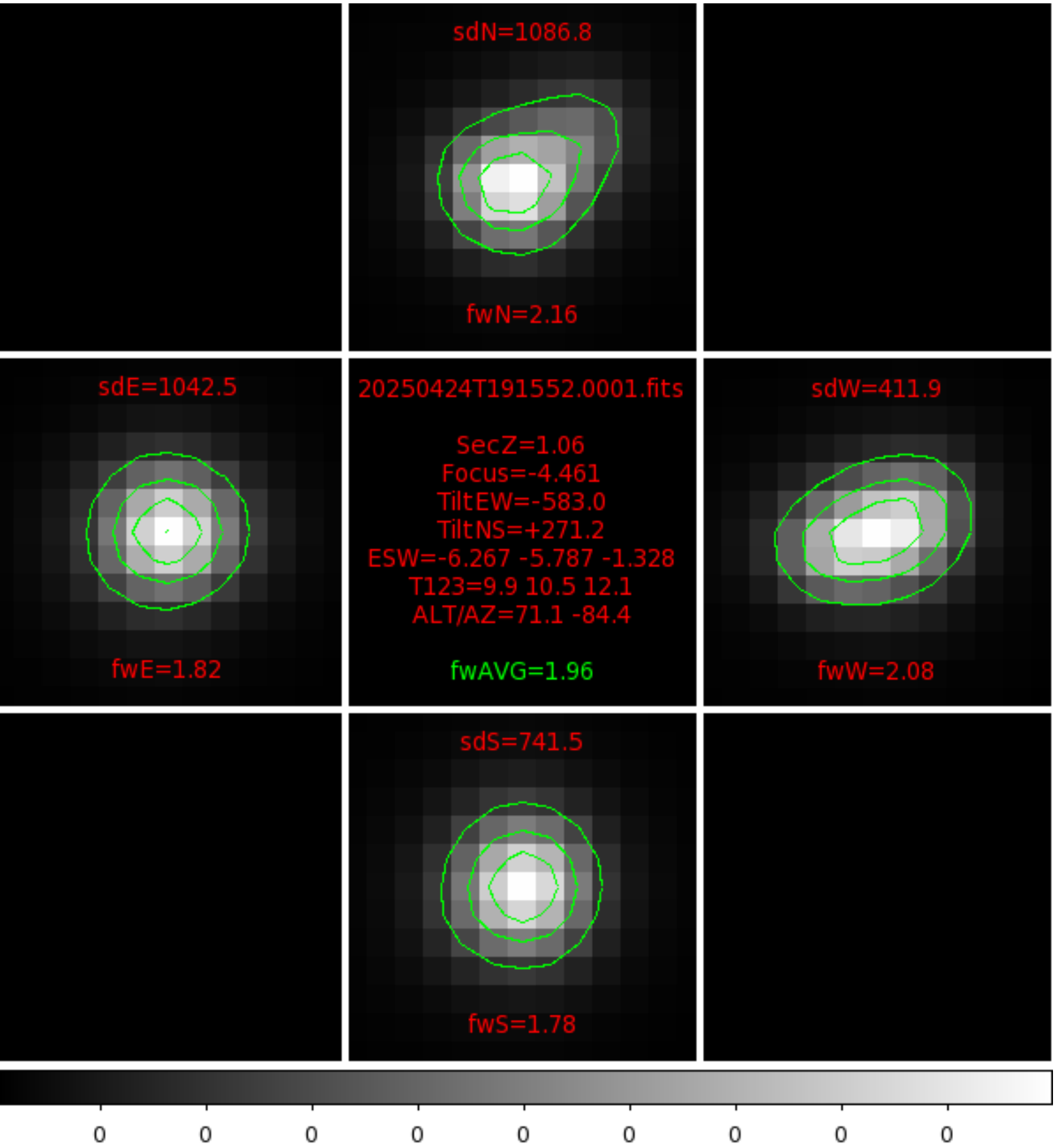
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SecZ=1.06
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.5 12.1
ALT/AZ=71.1 -84.4
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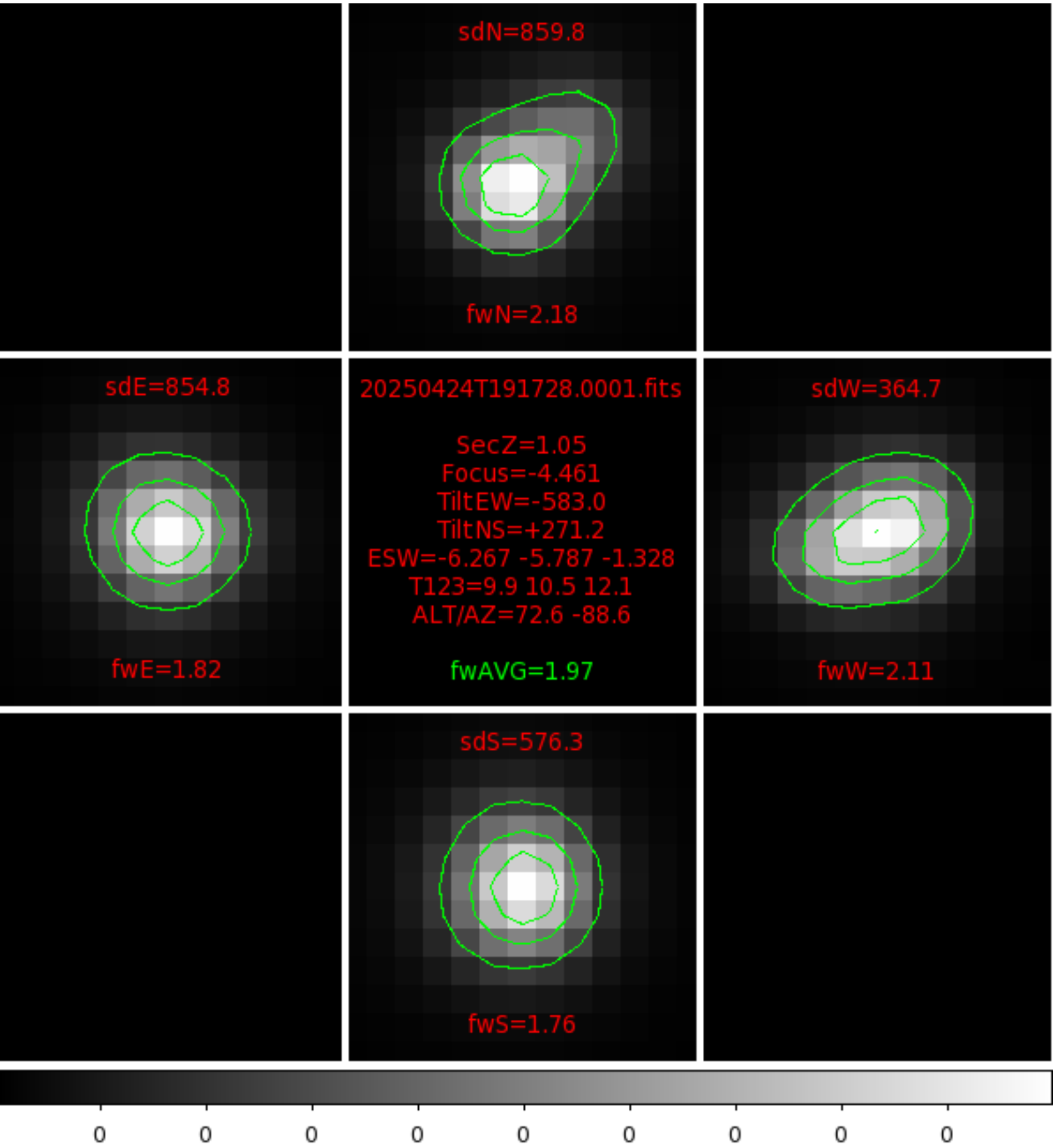
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SecZ=1.05
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.5 12.1
ALT/AZ=72.6 -88.6
fwAVG=1.97
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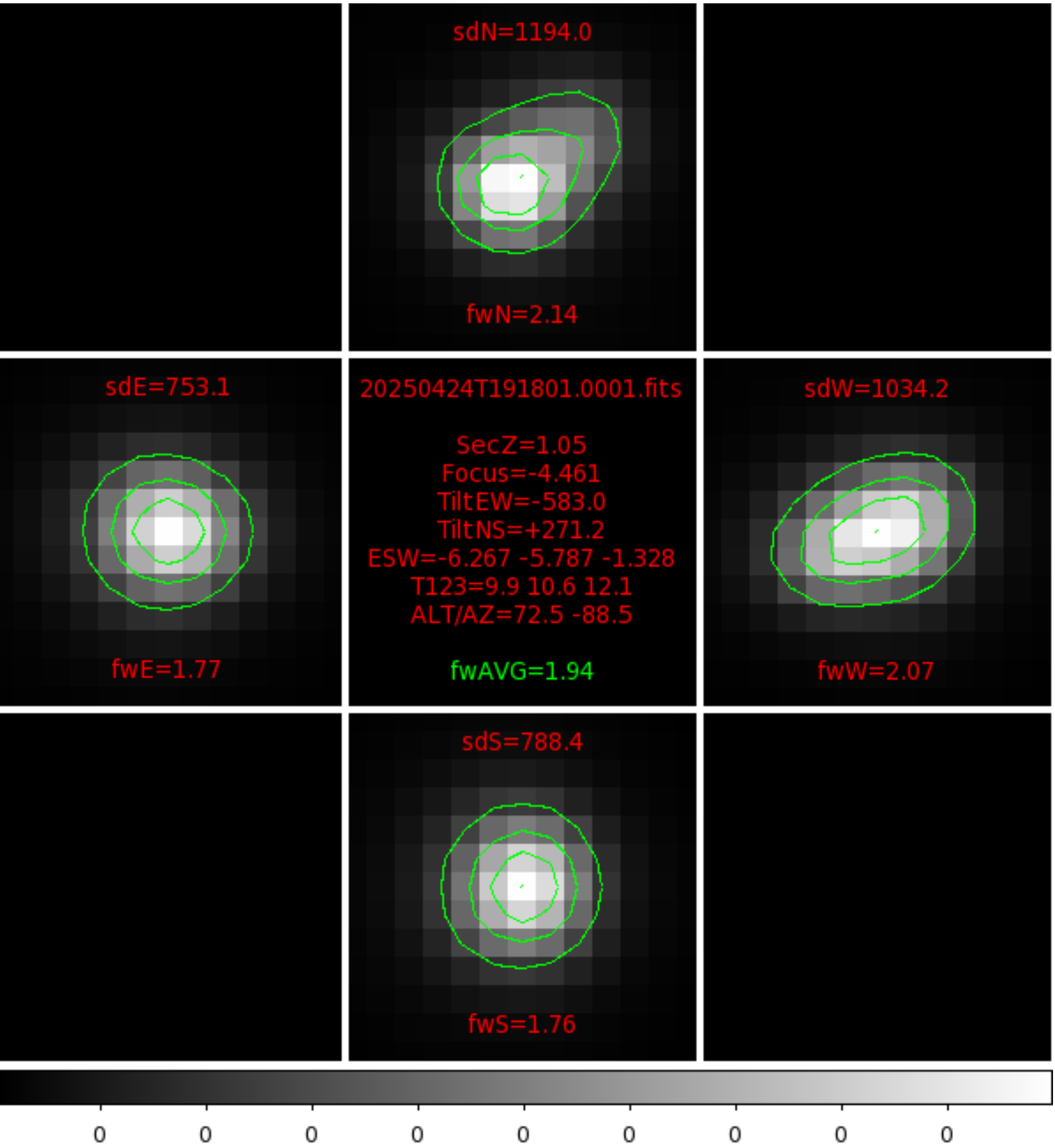
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SecZ=1.05
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.6 12.1
ALT/AZ=72.5 -88.5
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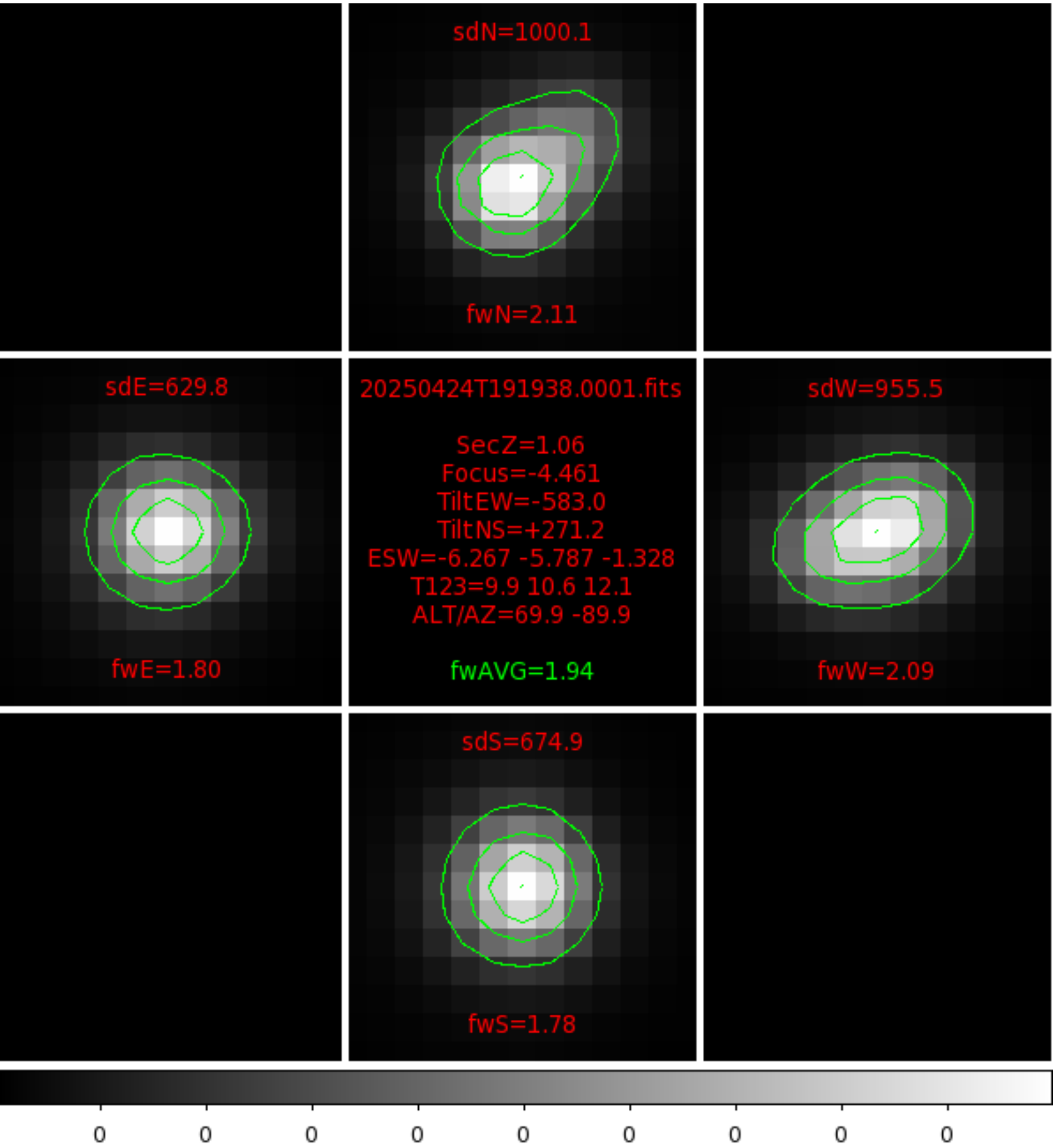
sdN=1000.1
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SecZ=1.06
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.6 12.1
ALT/AZ=69.9 -89.9
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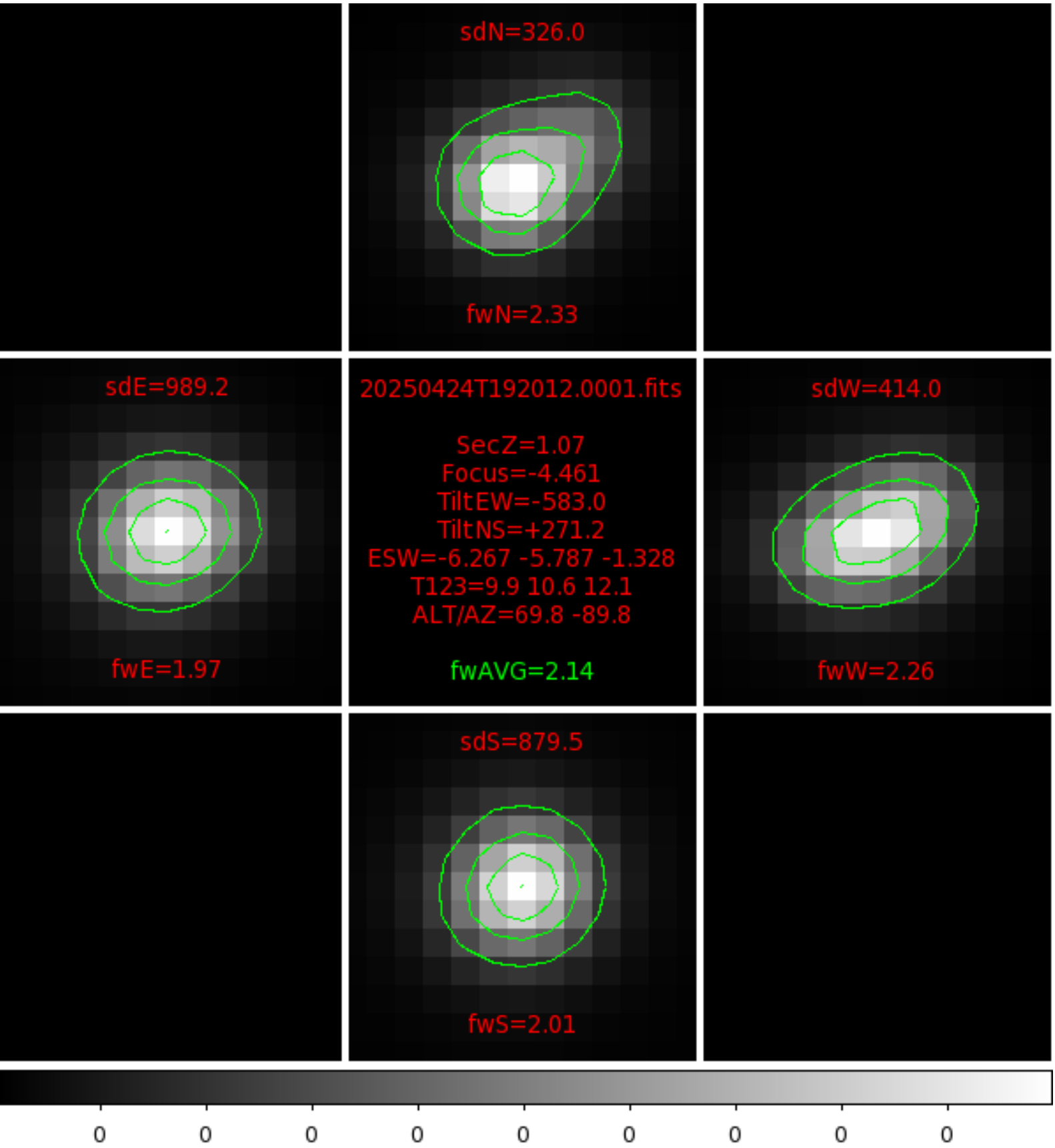
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.6 12.1
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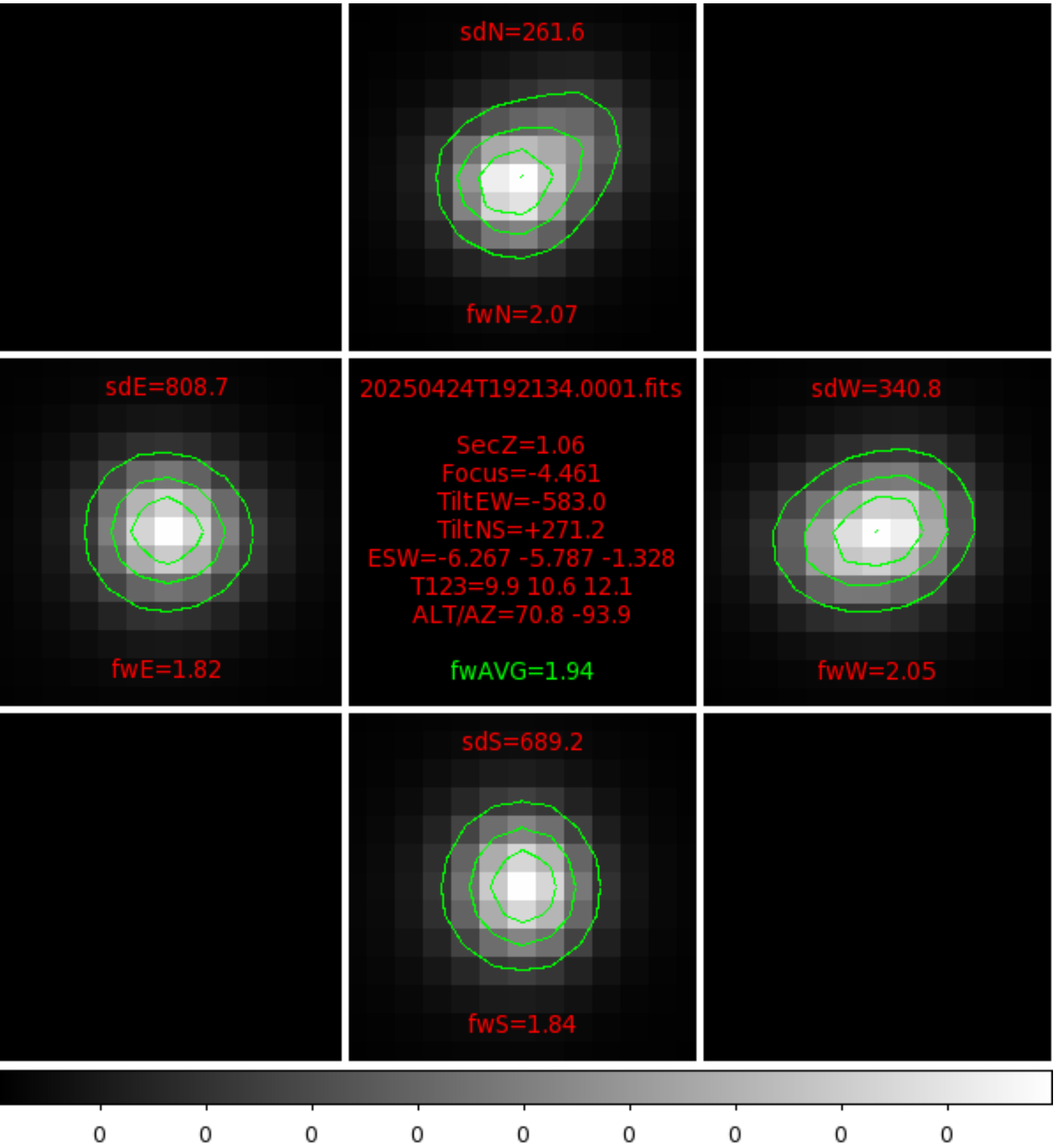
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fwE=1.82
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SecZ=1.06
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.6 12.1
ALT/AZ=70.8 -93.9
fwAVG=1.94
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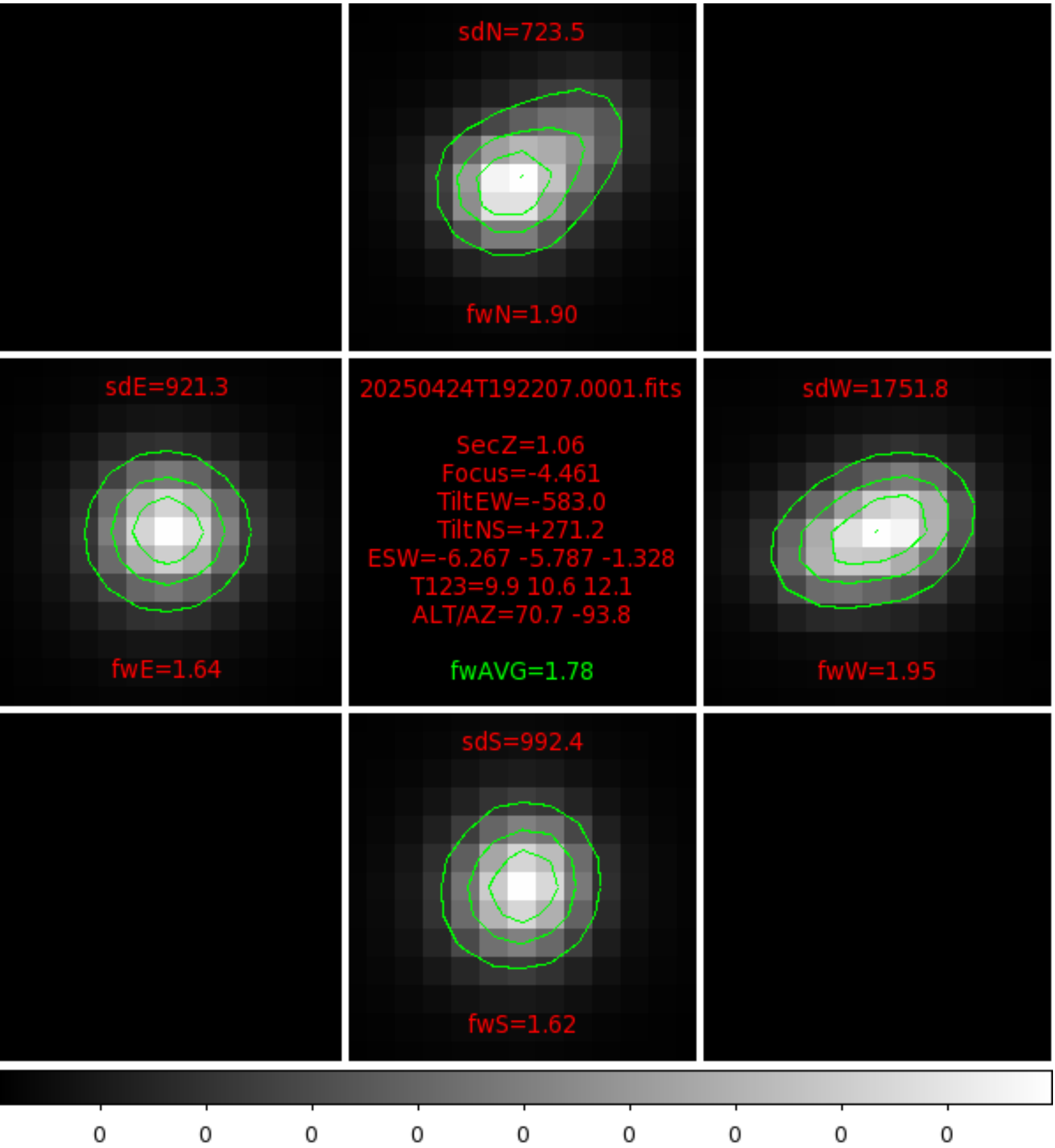
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SecZ=1.06
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.6 12.1
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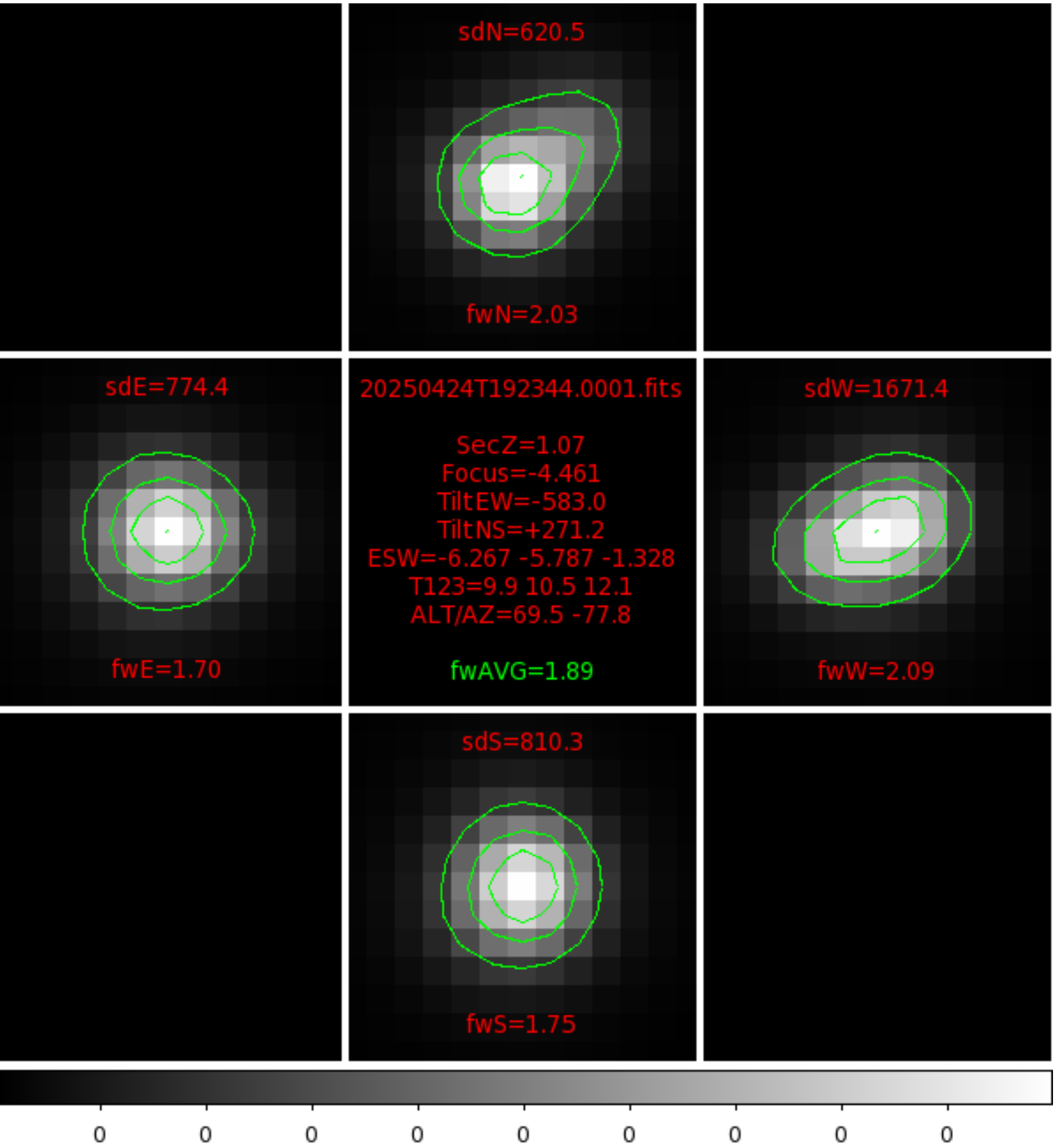
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.5 12.1
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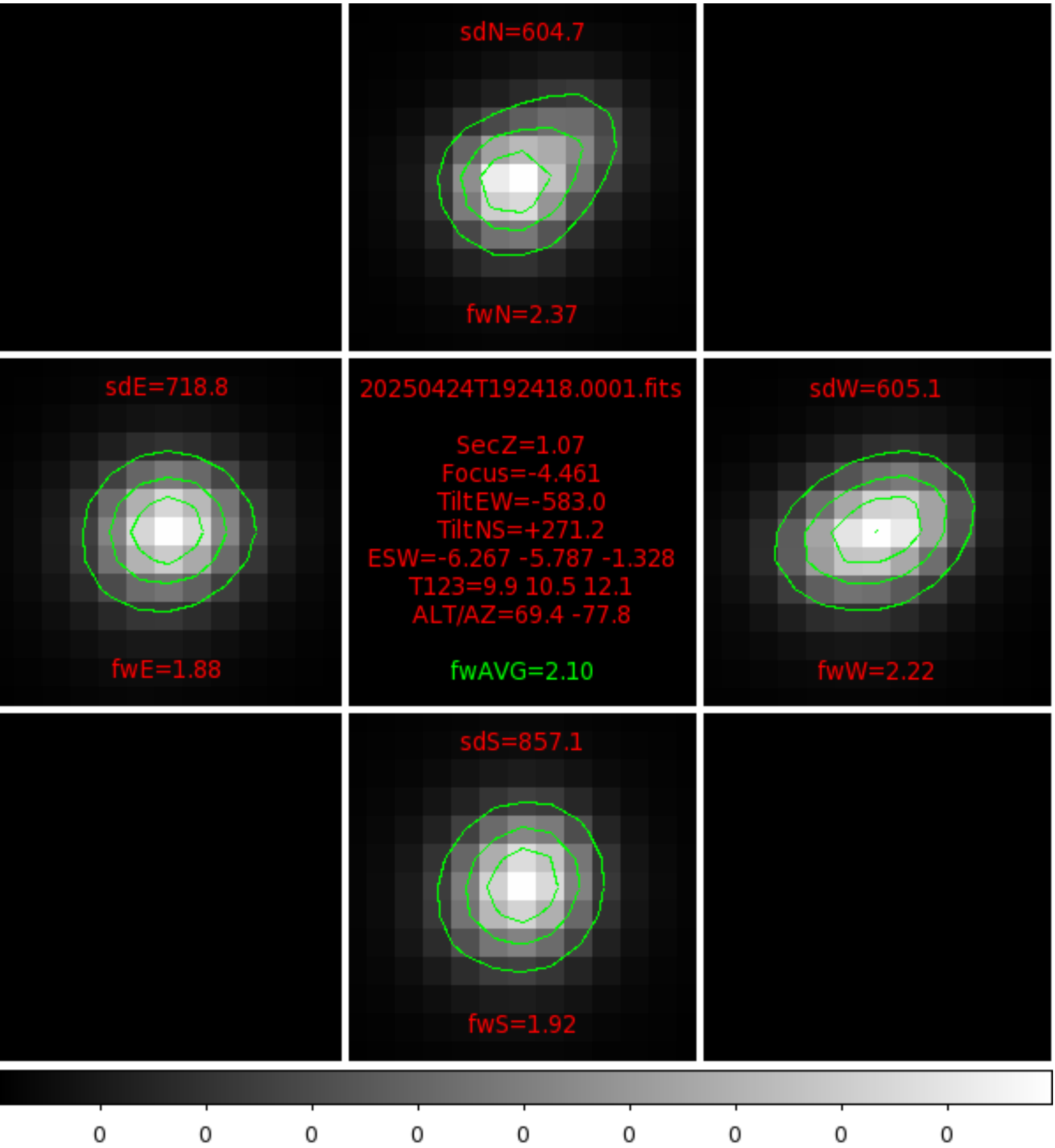
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.5 12.1
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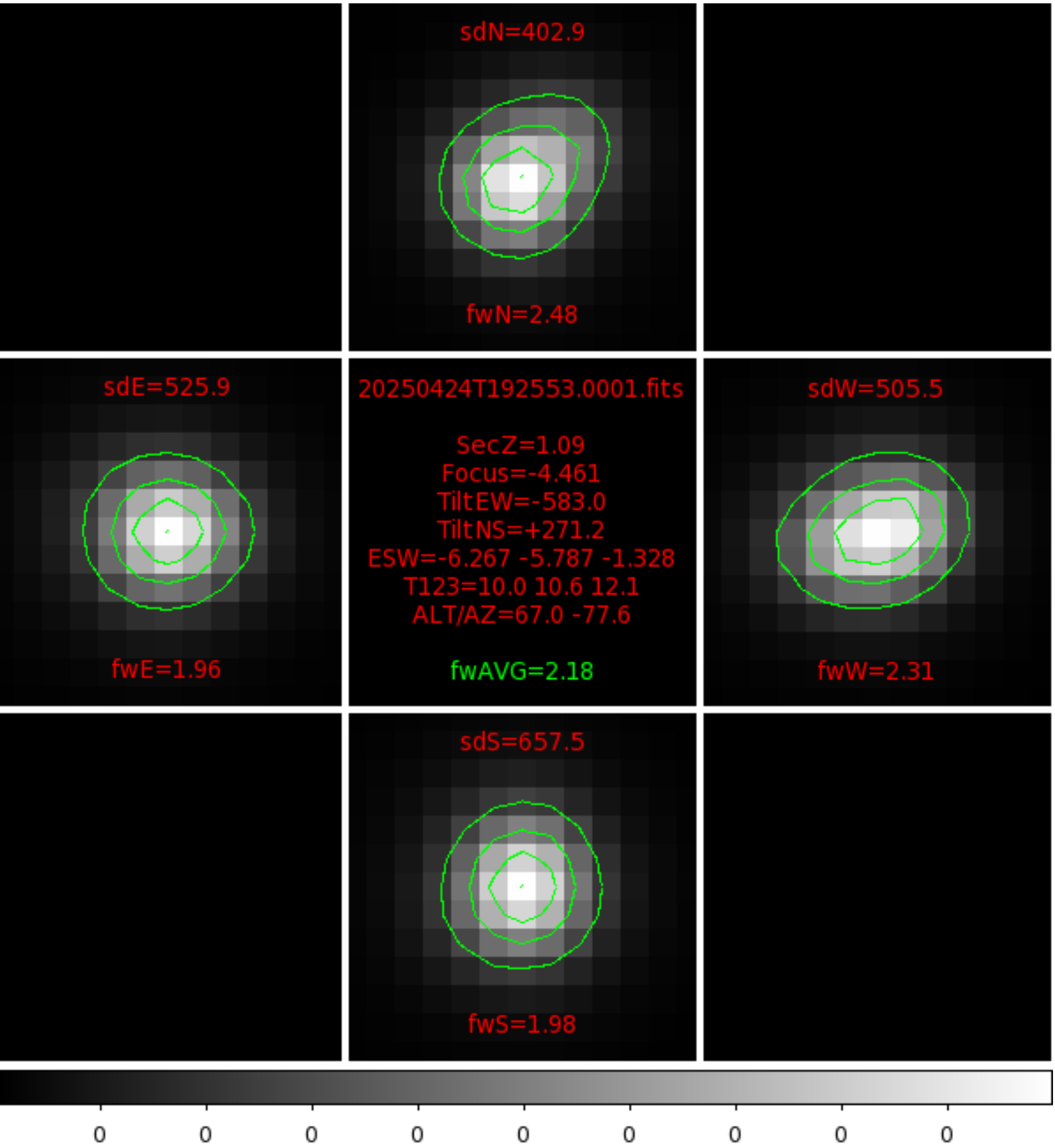
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SecZ=1.09
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=10.0 10.6 12.1
ALT/AZ=67.0 -77.6
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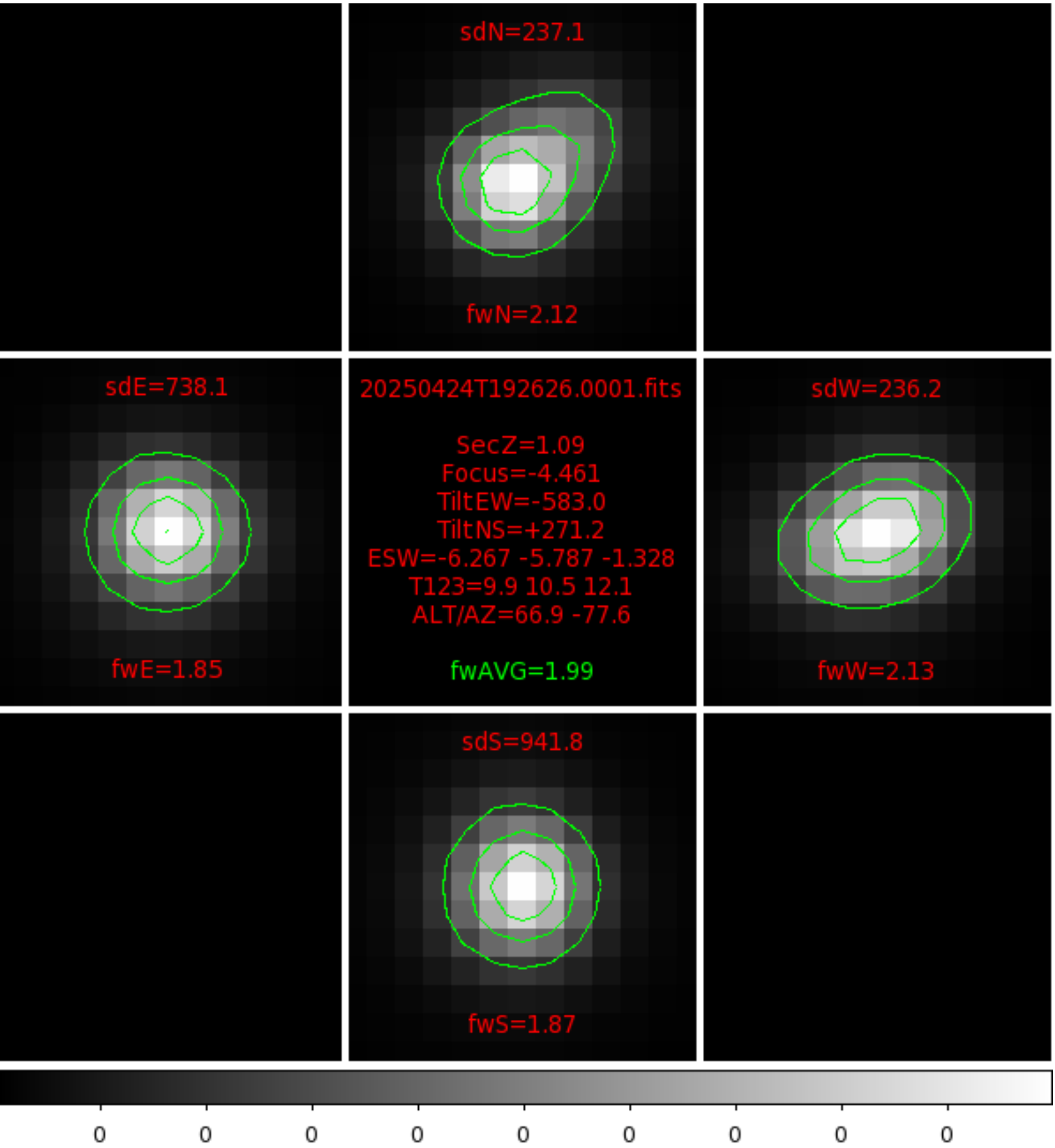
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.5 12.1
ALT/AZ=66.9 -77.6
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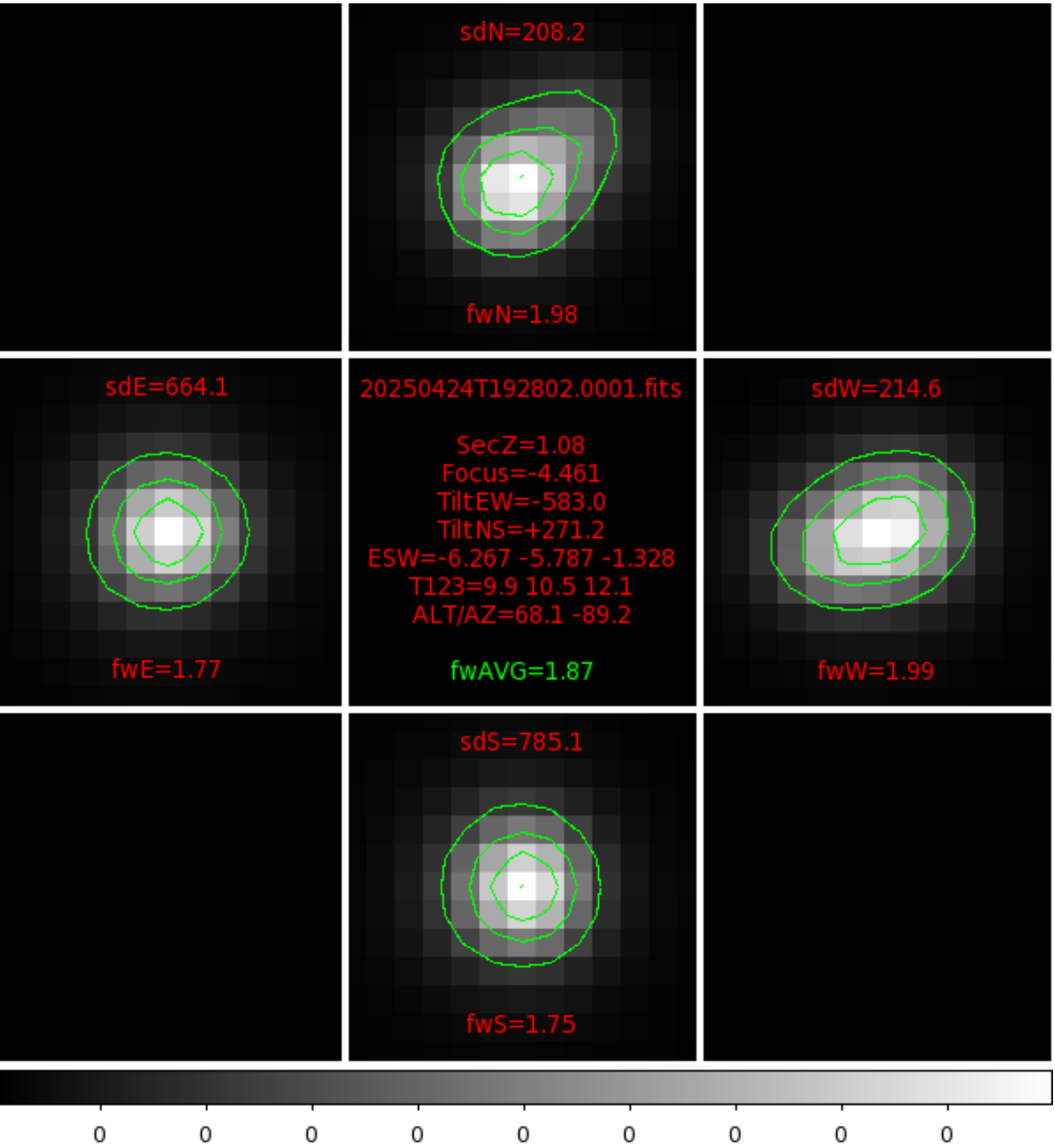
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.5 12.1
ALT/AZ=68.1 -89.2
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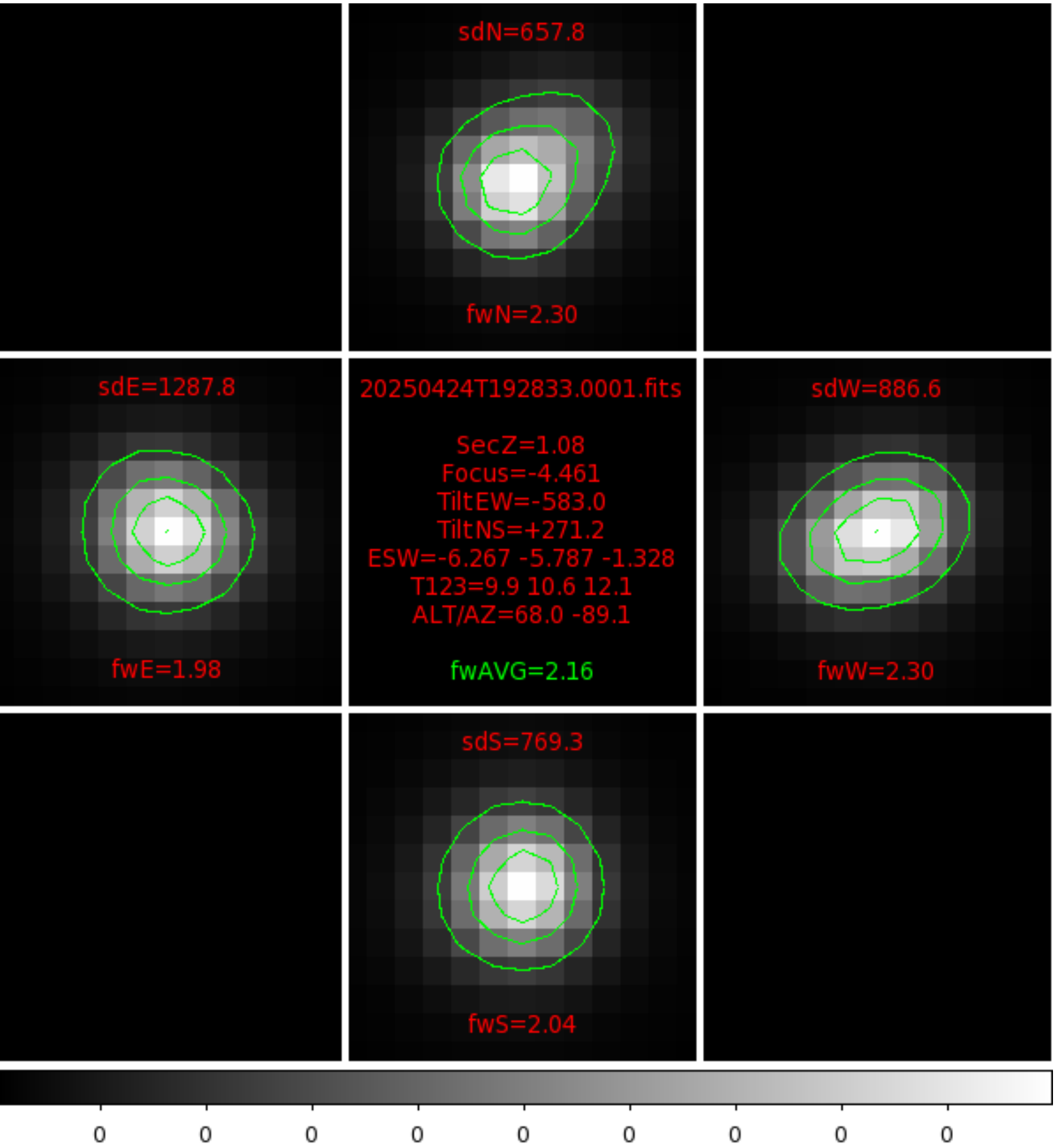
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.6 12.1
ALT/AZ=68.0 -89.1
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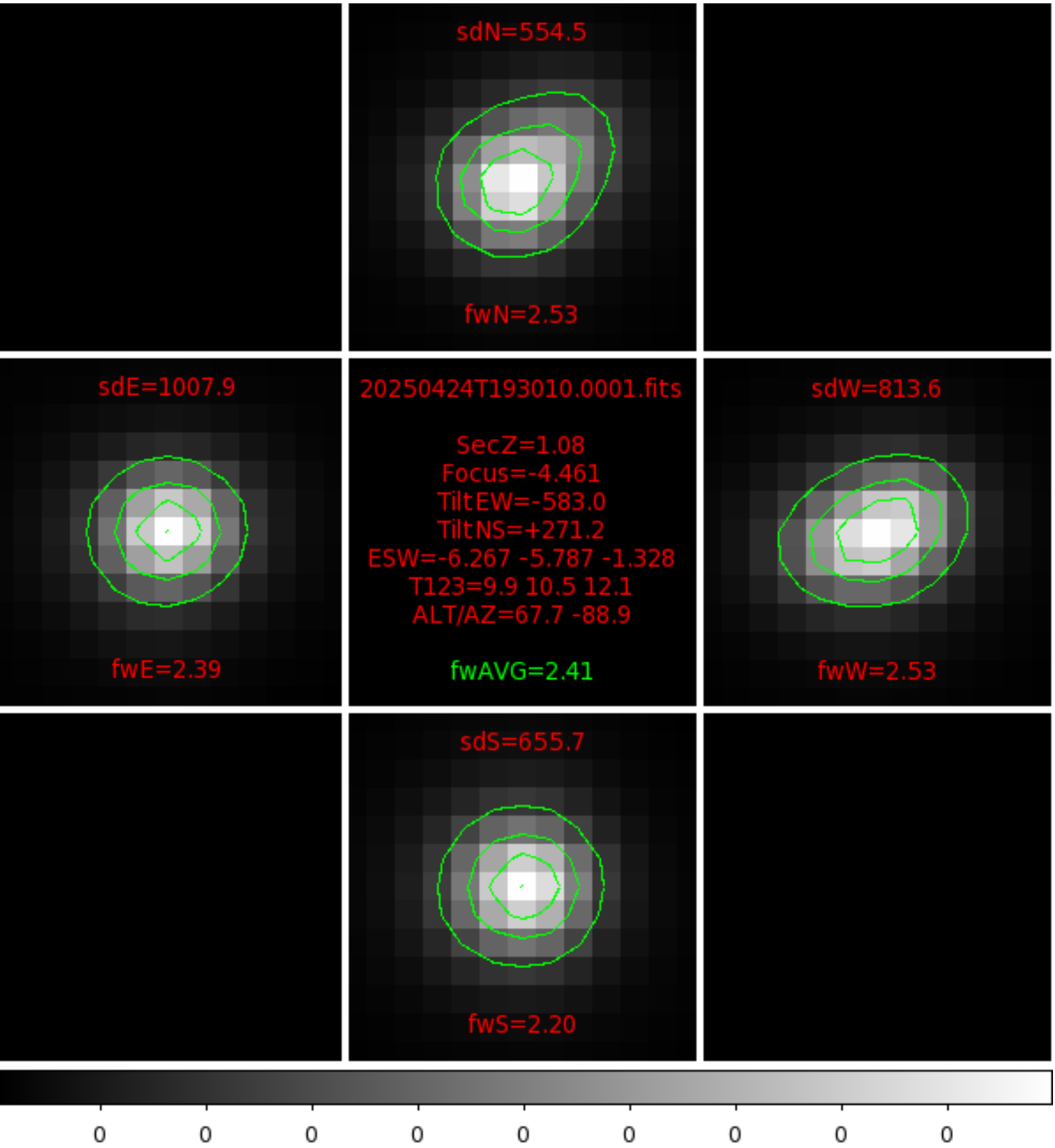
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SecZ=1.08
Focus=-4.461
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TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.5 12.1
ALT/AZ=67.7 -88.9
fwAVG=2.41
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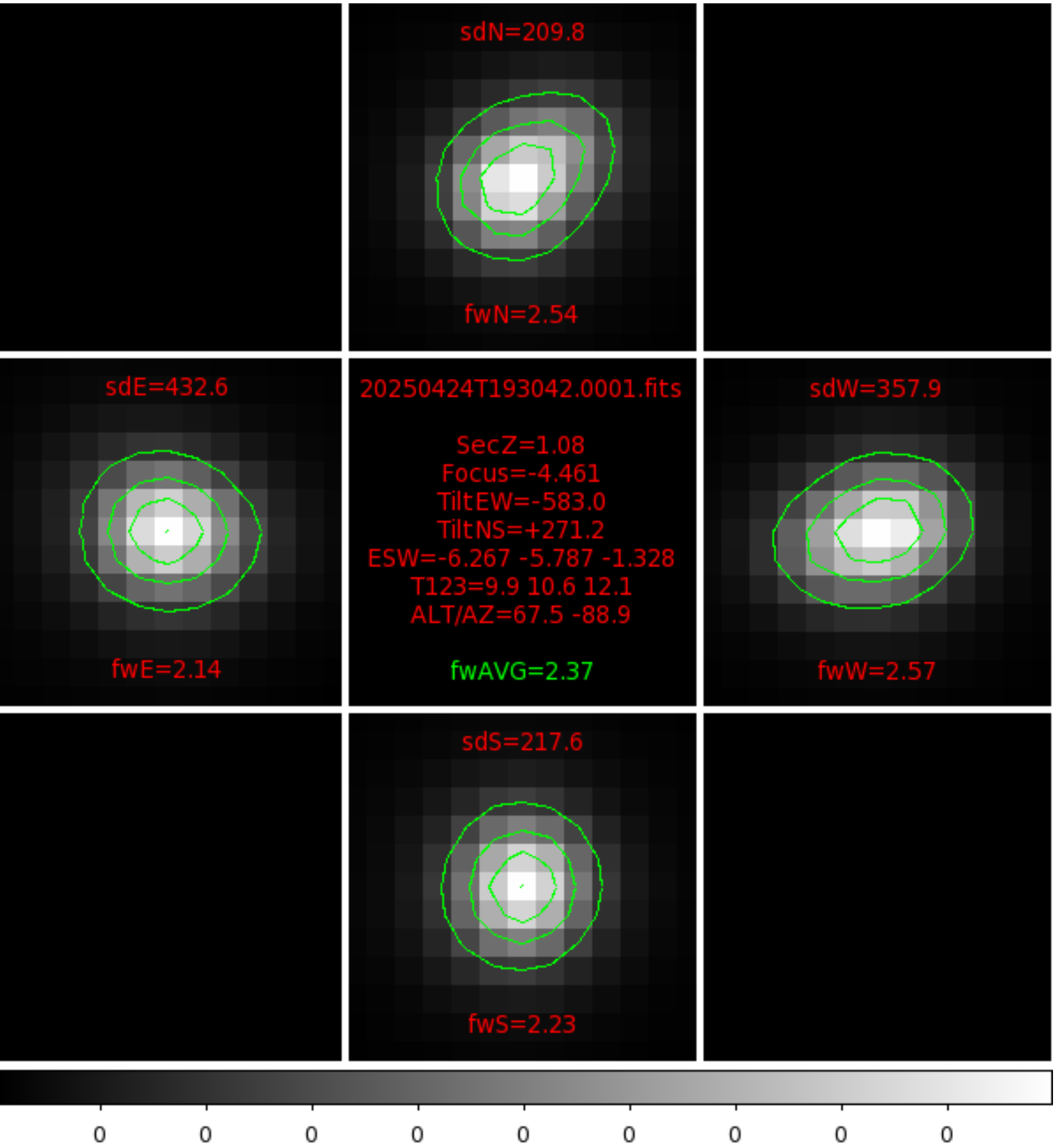
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SecZ=1.08
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TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.6 12.1
ALT/AZ=67.5 -88.9
fwAVG=2.37
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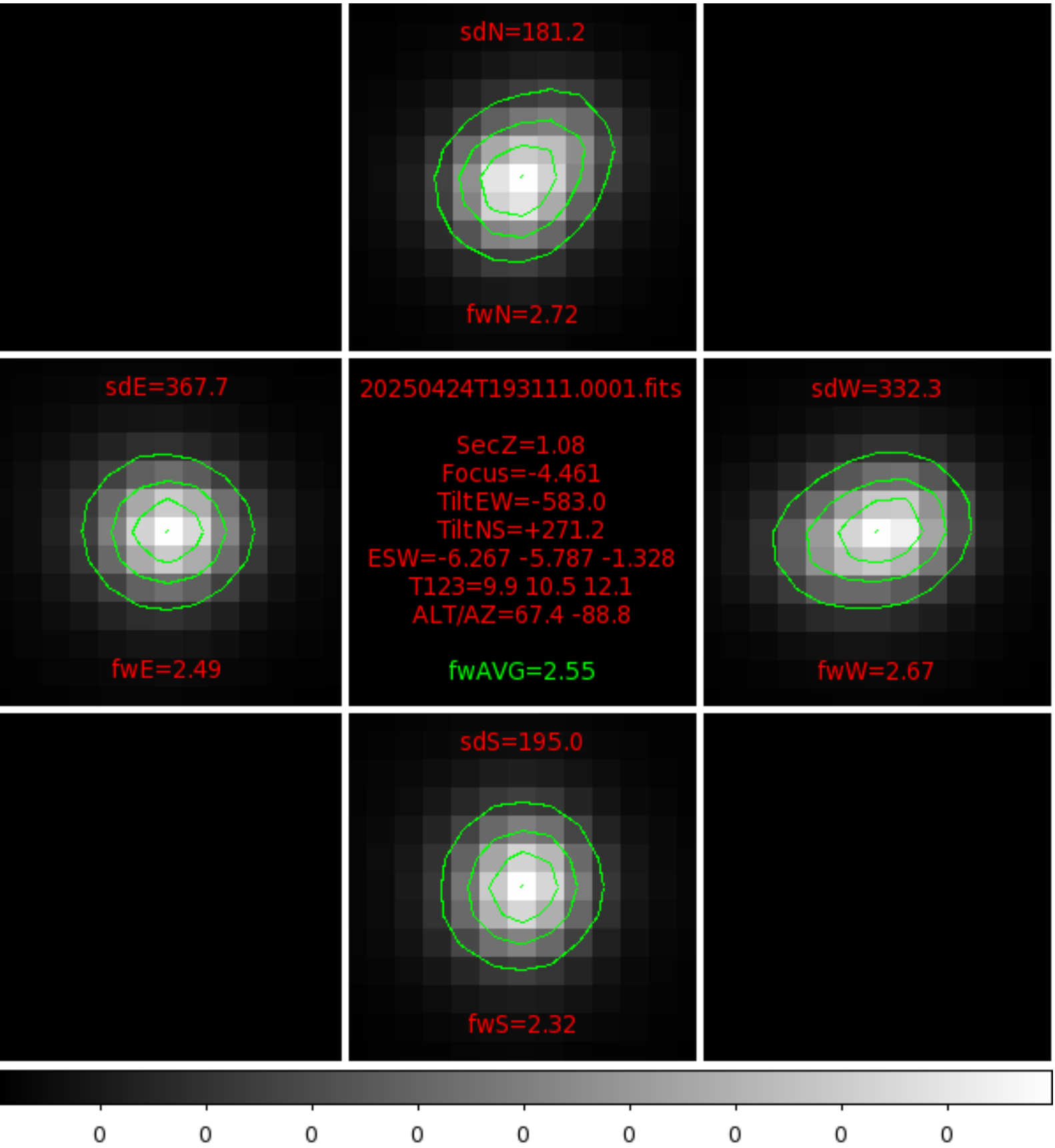
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SecZ=1.08
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.5 12.1
ALT/AZ=67.4 -88.8
fwAVG=2.55
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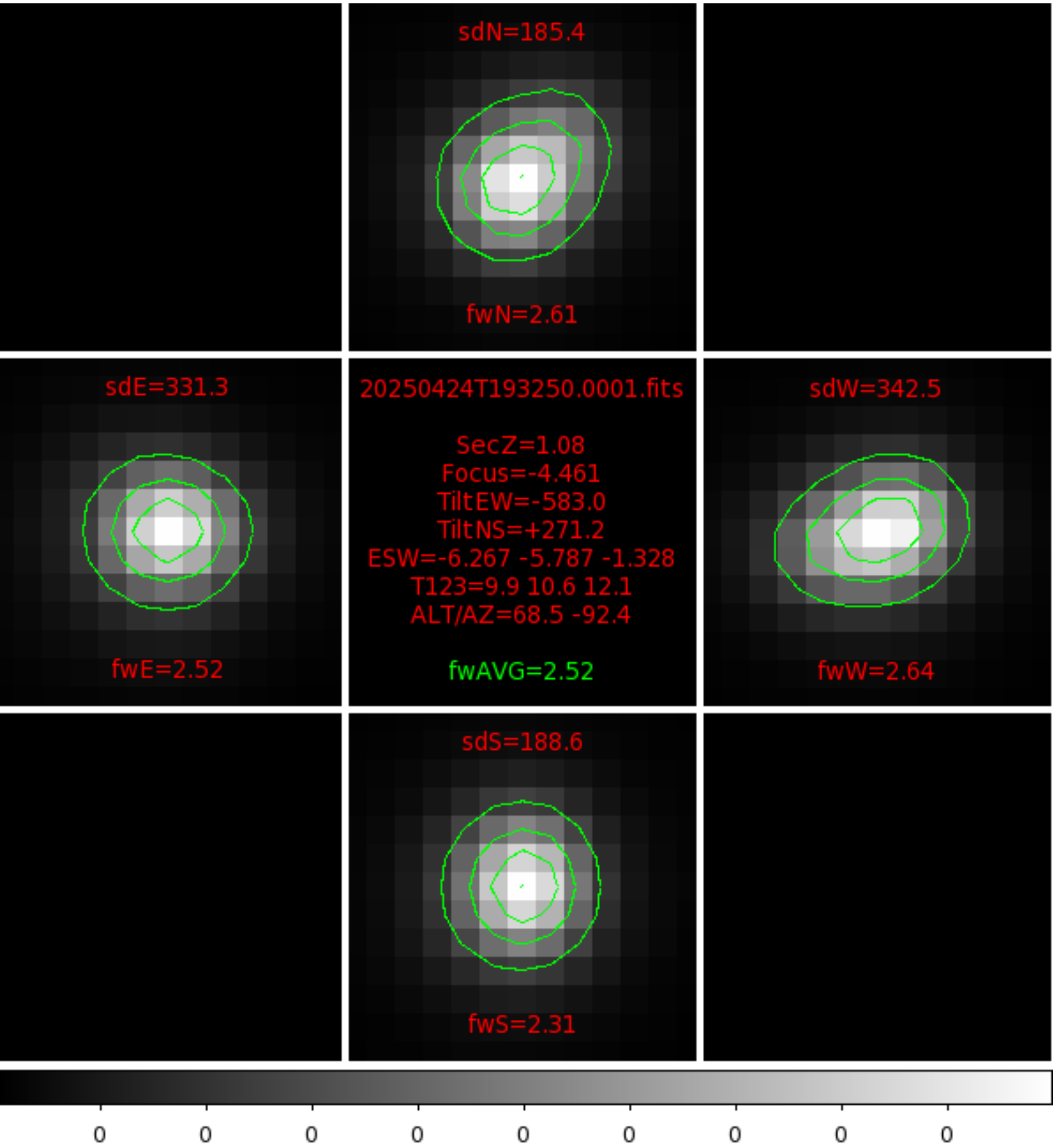
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fwE=2.52
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SecZ=1.08
Focus=-4.461
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.267 -5.787 -1.328
T123=9.9 10.6 12.1
ALT/AZ=68.5 -92.4
fwAVG=2.52
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sdS=188.6
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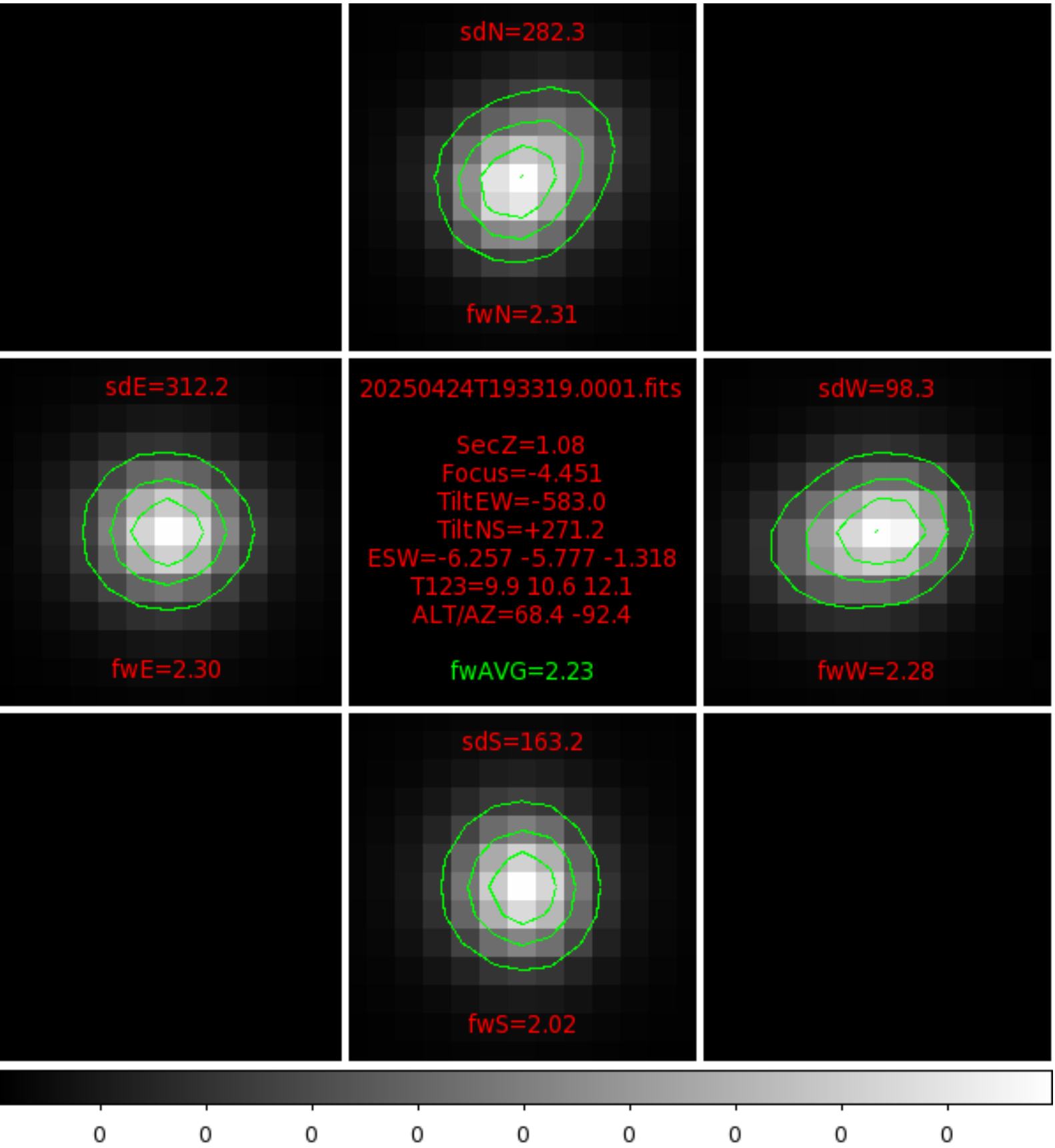
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SecZ=1.08
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TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=9.9 10.6 12.1
ALT/AZ=68.4 -92.4
fwAVG=2.23
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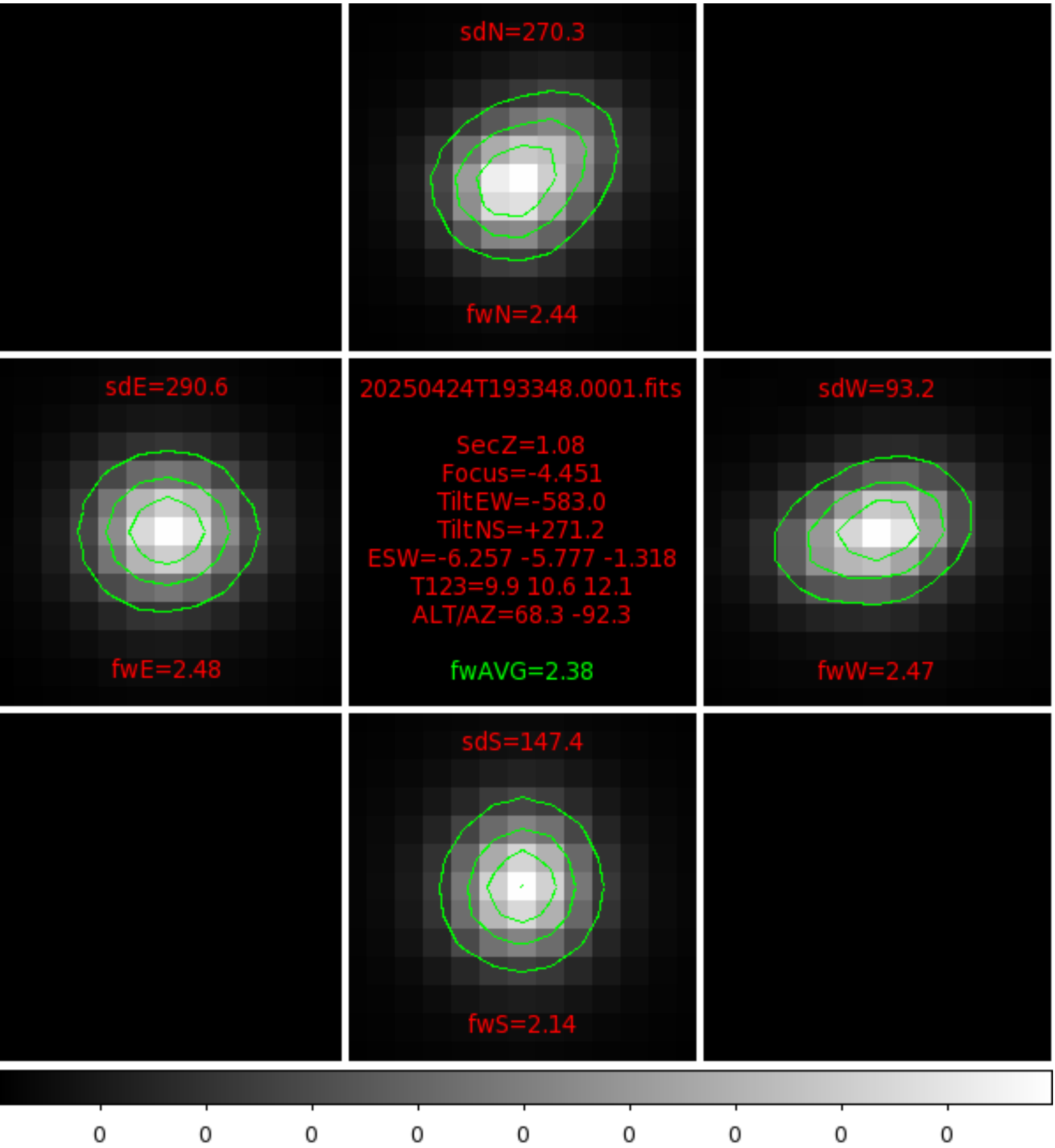
sdN=270.3
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sdE=290.6
fwE=2.48
20250424T193348.0001.fits
SecZ=1.08
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=9.9 10.6 12.1
ALT/AZ=68.3 -92.3
fwAVG=2.38
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sdS=147.4
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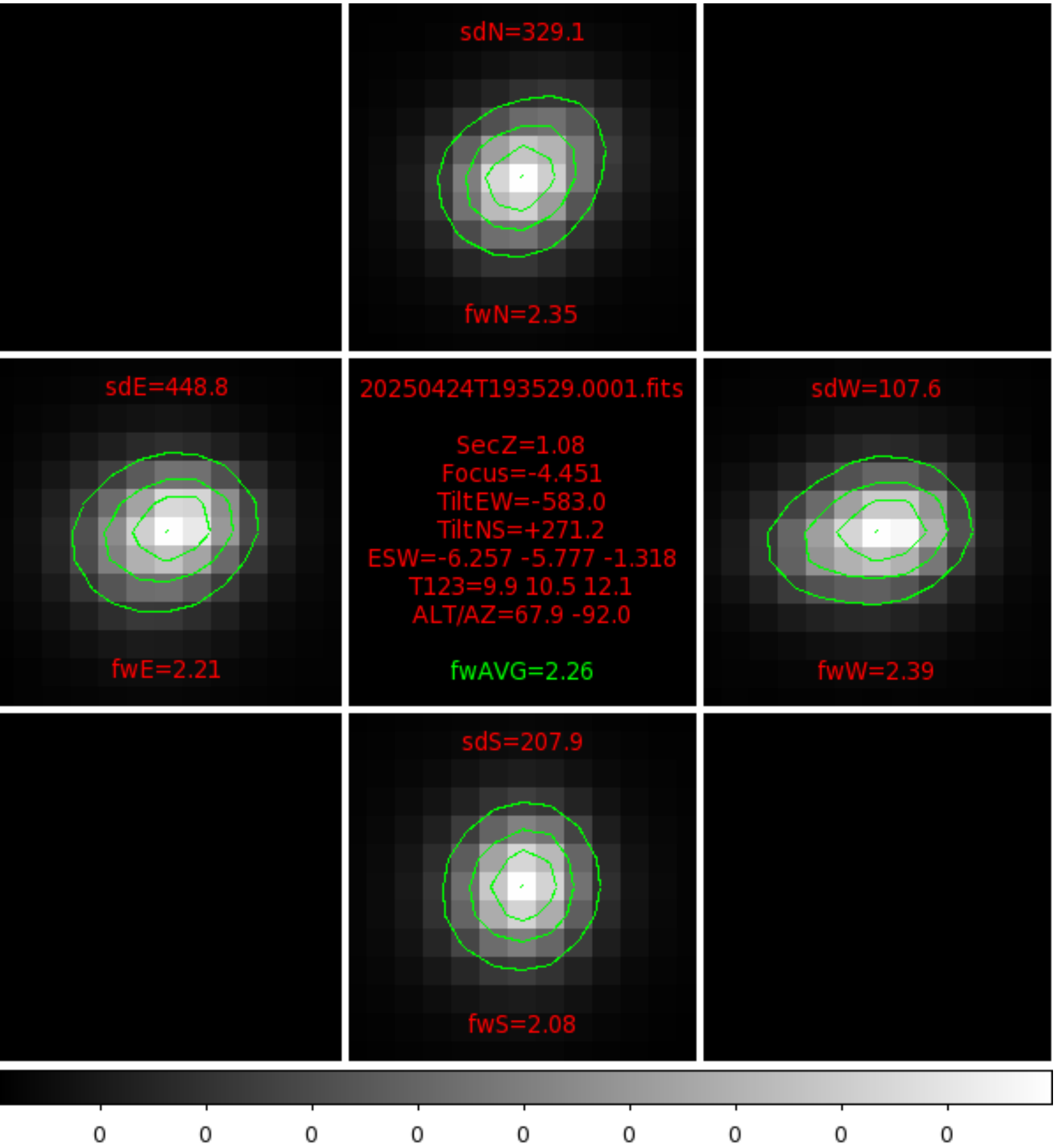
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sdE=448.8
fwE=2.21
20250424T193529.0001.fits
SecZ=1.08
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=9.9 10.5 12.1
ALT/AZ=67.9 -92.0
fwAVG=2.26
sdW=107.6
fwW=2.39
sdS=207.9
fwS=2.08
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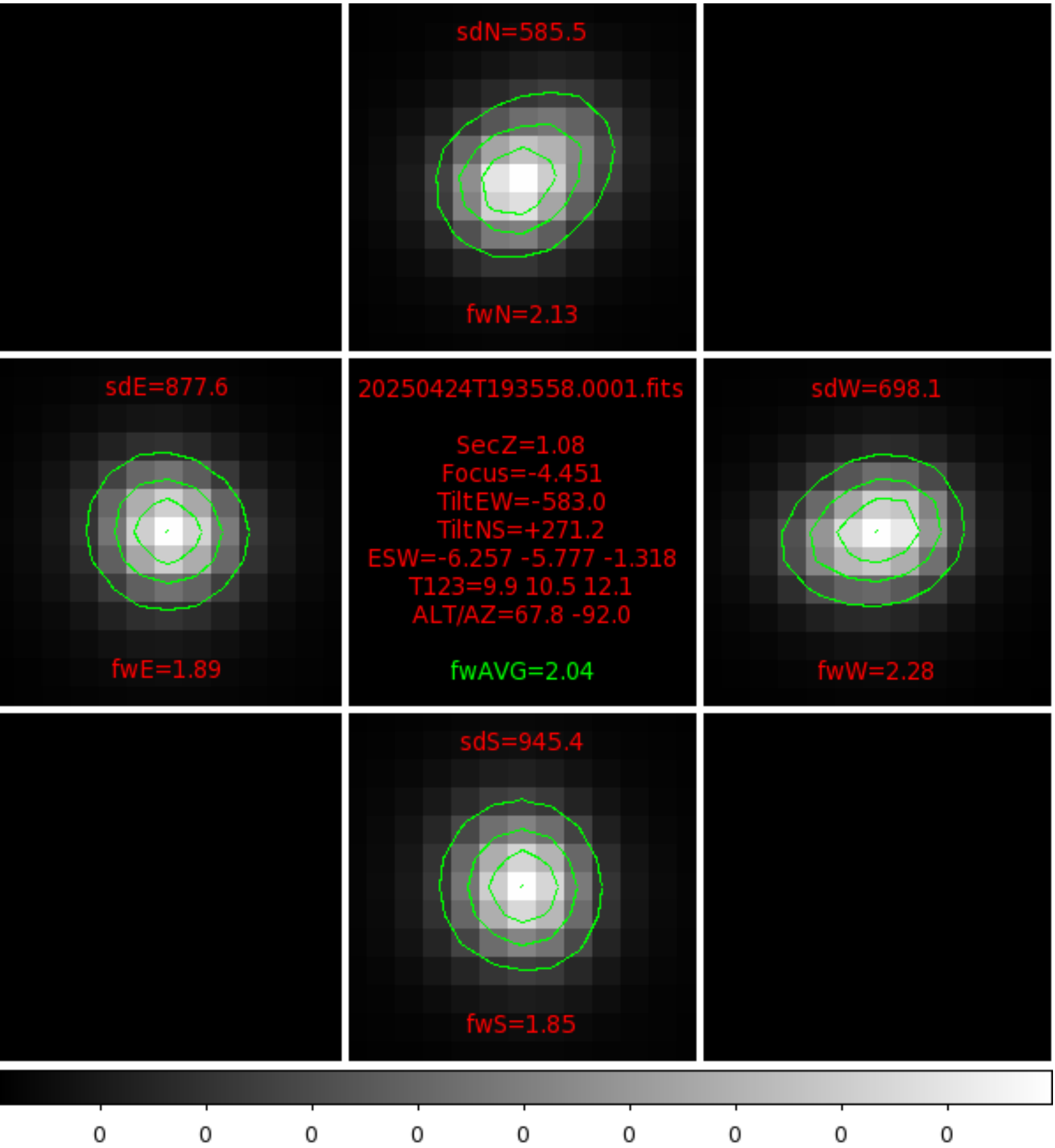
sdN=585.5
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sdE=877.6
fwE=1.89
20250424T193558.0001.fits
SecZ=1.08
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=9.9 10.5 12.1
ALT/AZ=67.8 -92.0
fwAVG=2.04
sdW=698.1
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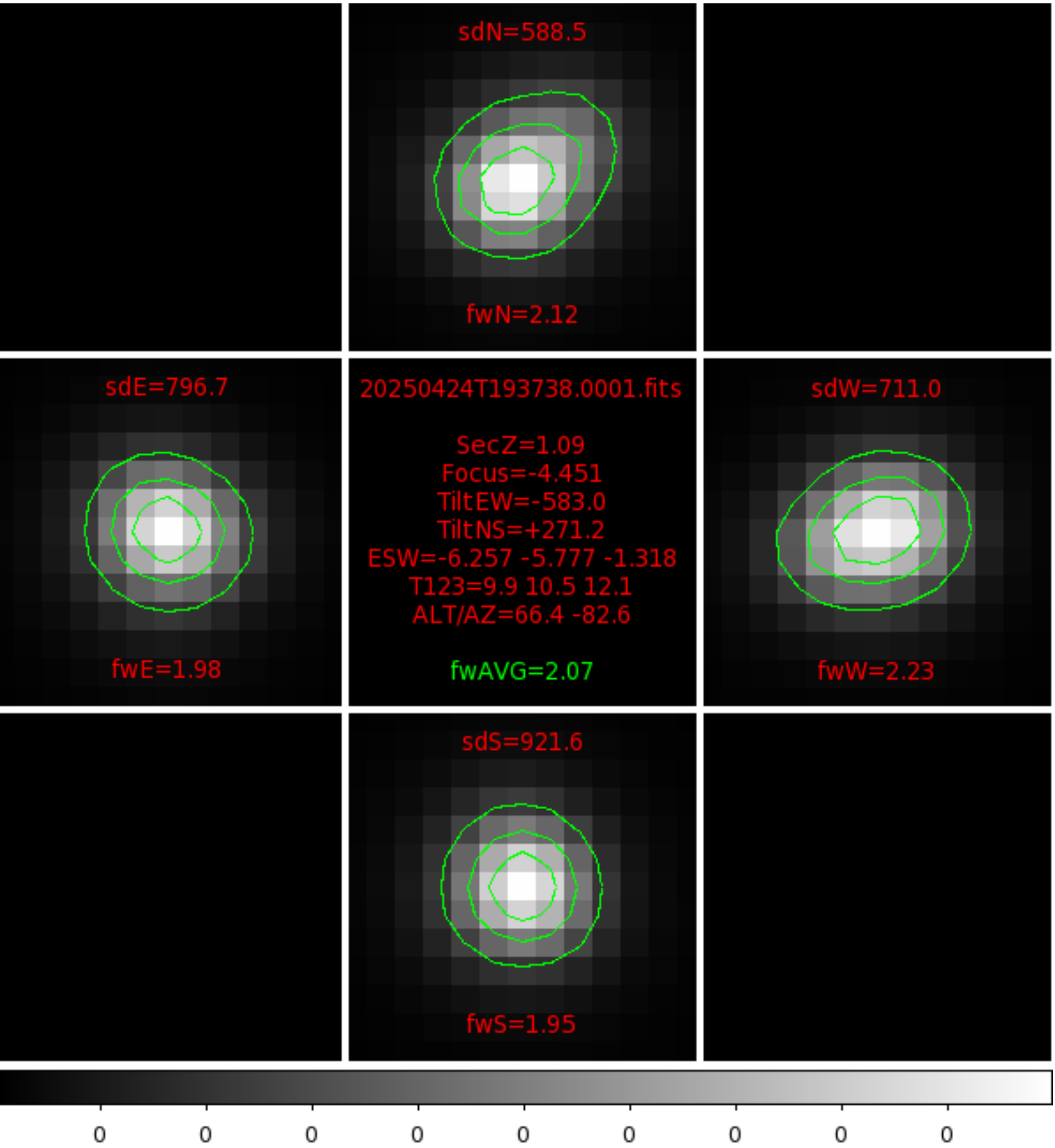
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fwE=1.98
20250424T193738.0001.fits
SecZ=1.09
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=9.9 10.5 12.1
ALT/AZ=66.4 -82.6
fwAVG=2.07
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sdS=921.6
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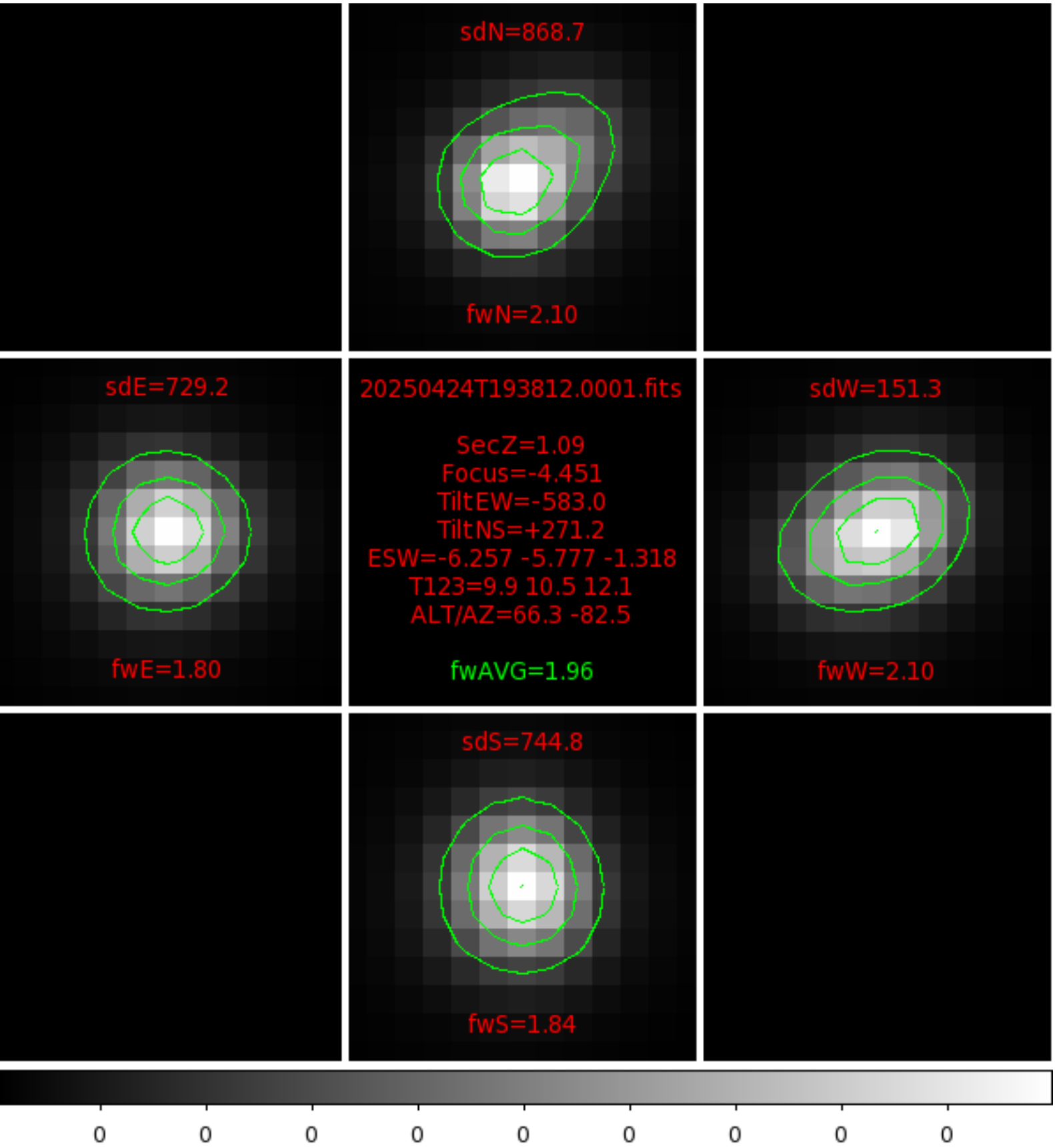
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fwE=1.80
20250424T193812.0001.fits
SecZ=1.09
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=9.9 10.5 12.1
ALT/AZ=66.3 -82.5
fwAVG=1.96
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sdS=744.8
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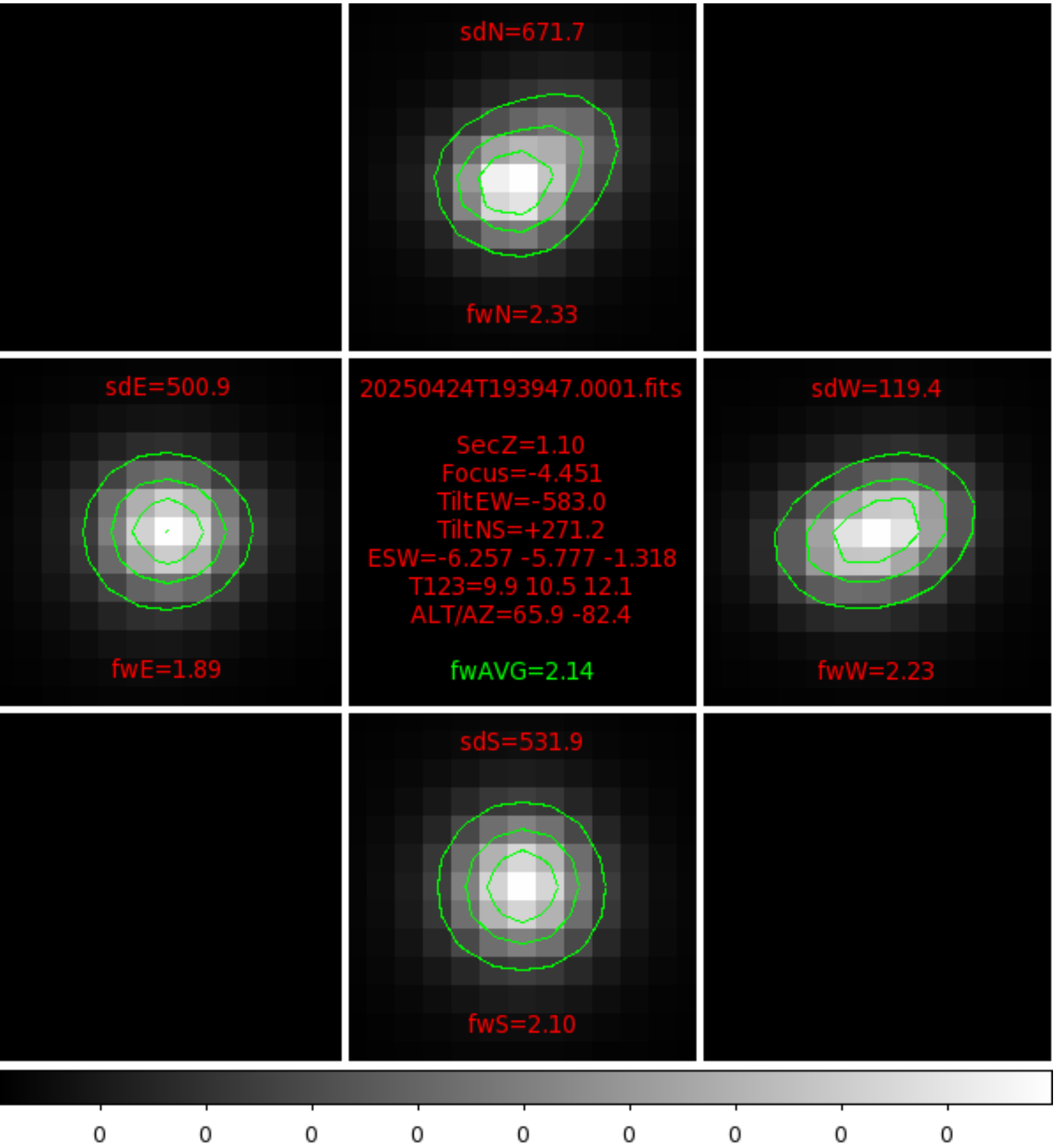
sdN=671.7
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sdE=500.9
fwE=1.89
20250424T193947.0001.fits
SecZ=1.10
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=9.9 10.5 12.1
ALT/AZ=65.9 -82.4
fwAVG=2.14
sdW=119.4
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sdS=531.9
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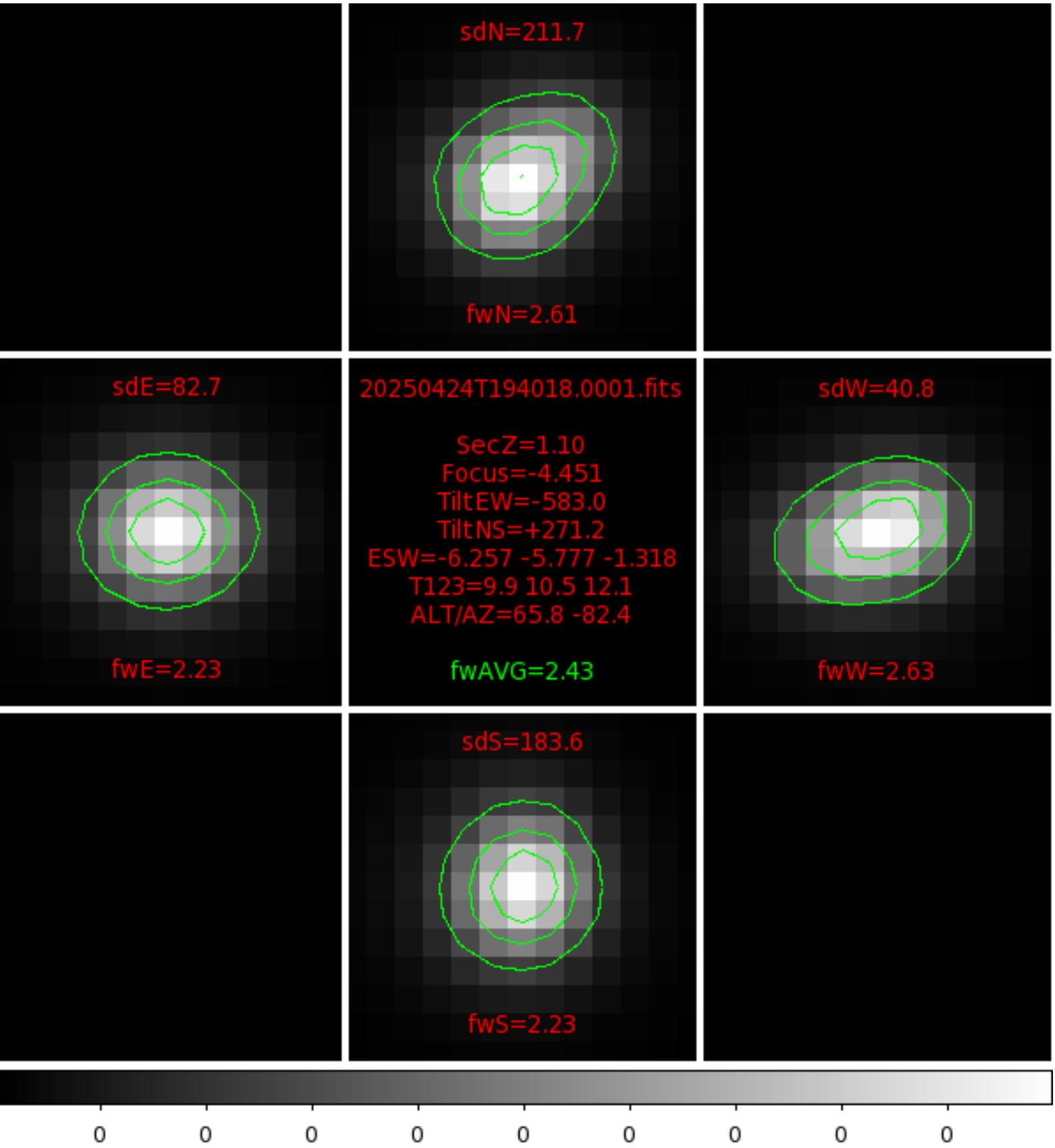
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sdE=82.7
fwE=2.23
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SecZ=1.10
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=9.9 10.5 12.1
ALT/AZ=65.8 -82.4
fwAVG=2.43
sdW=40.8
fwW=2.63
sdS=183.6
fwS=2.23
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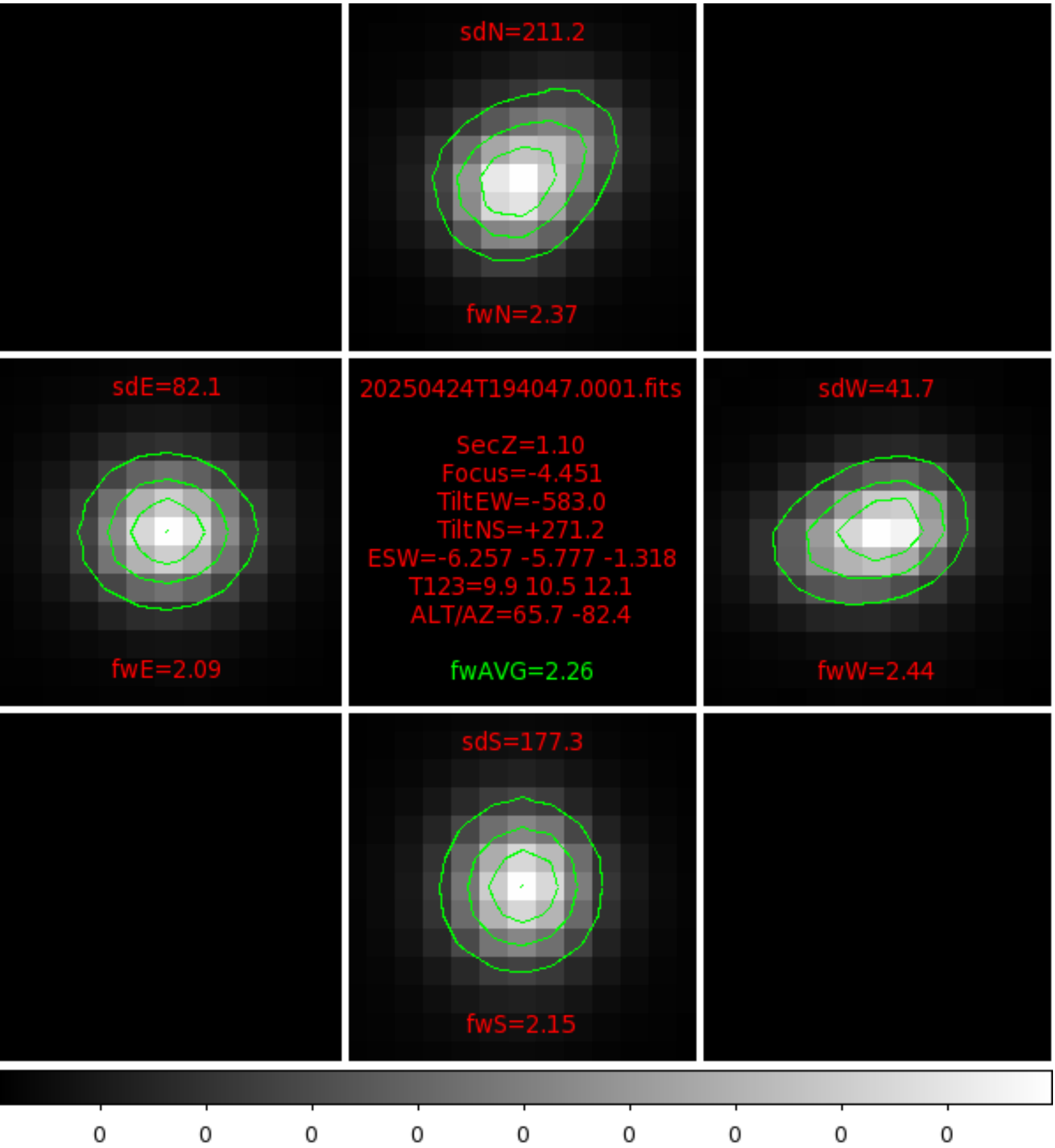
sdN=211.2
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sdE=82.1
fwE=2.09
20250424T194047.0001.fits
SecZ=1.10
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=9.9 10.5 12.1
ALT/AZ=65.7 -82.4
fwAVG=2.26
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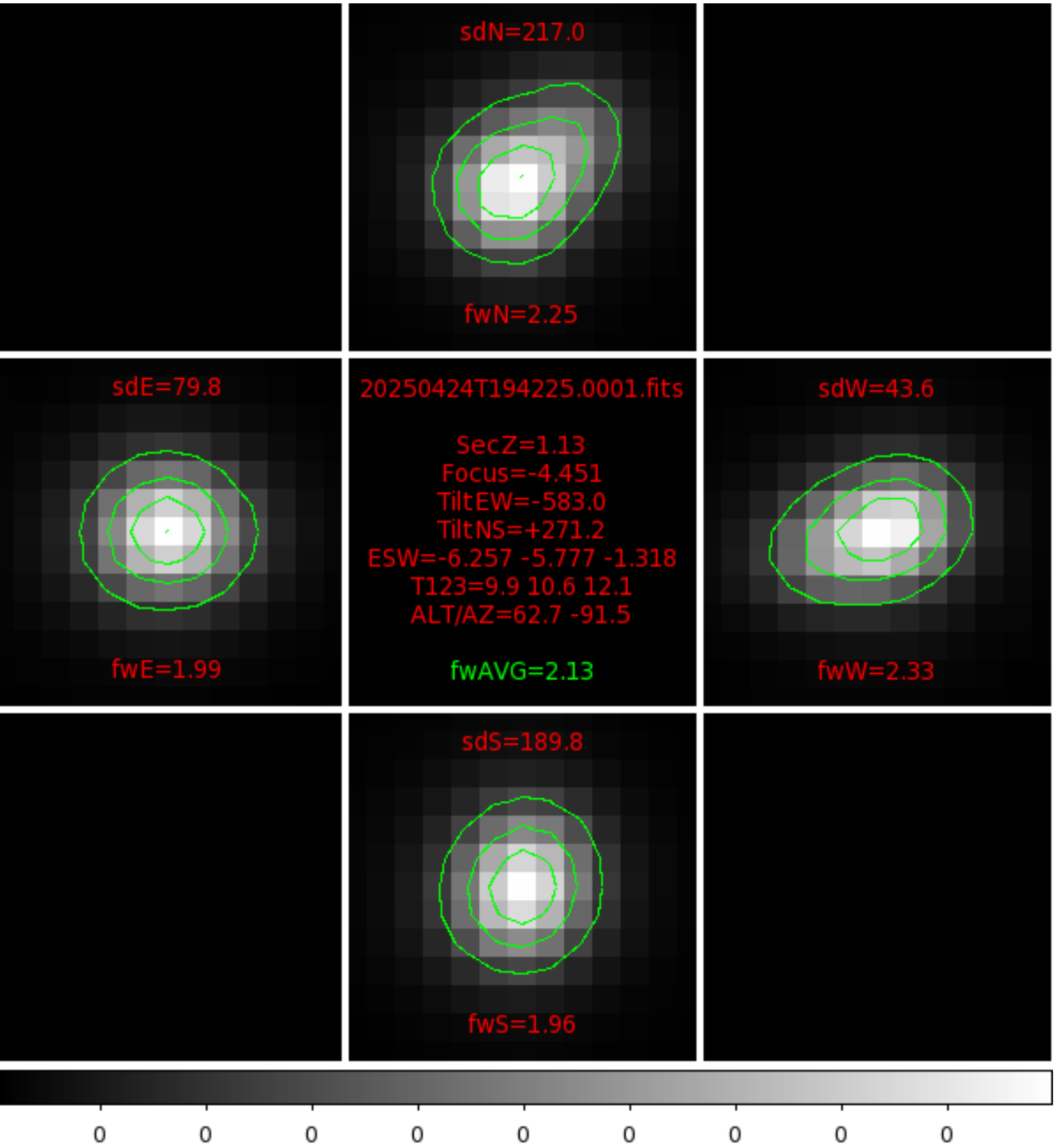
sdN=217.0
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sdE=79.8
fwE=1.99
20250424T194225.0001.fits
SecZ=1.13
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=9.9 10.6 12.1
ALT/AZ=62.7 -91.5
fwAVG=2.13
sdW=43.6
fwW=2.33
sdS=189.8
fwS=1.96
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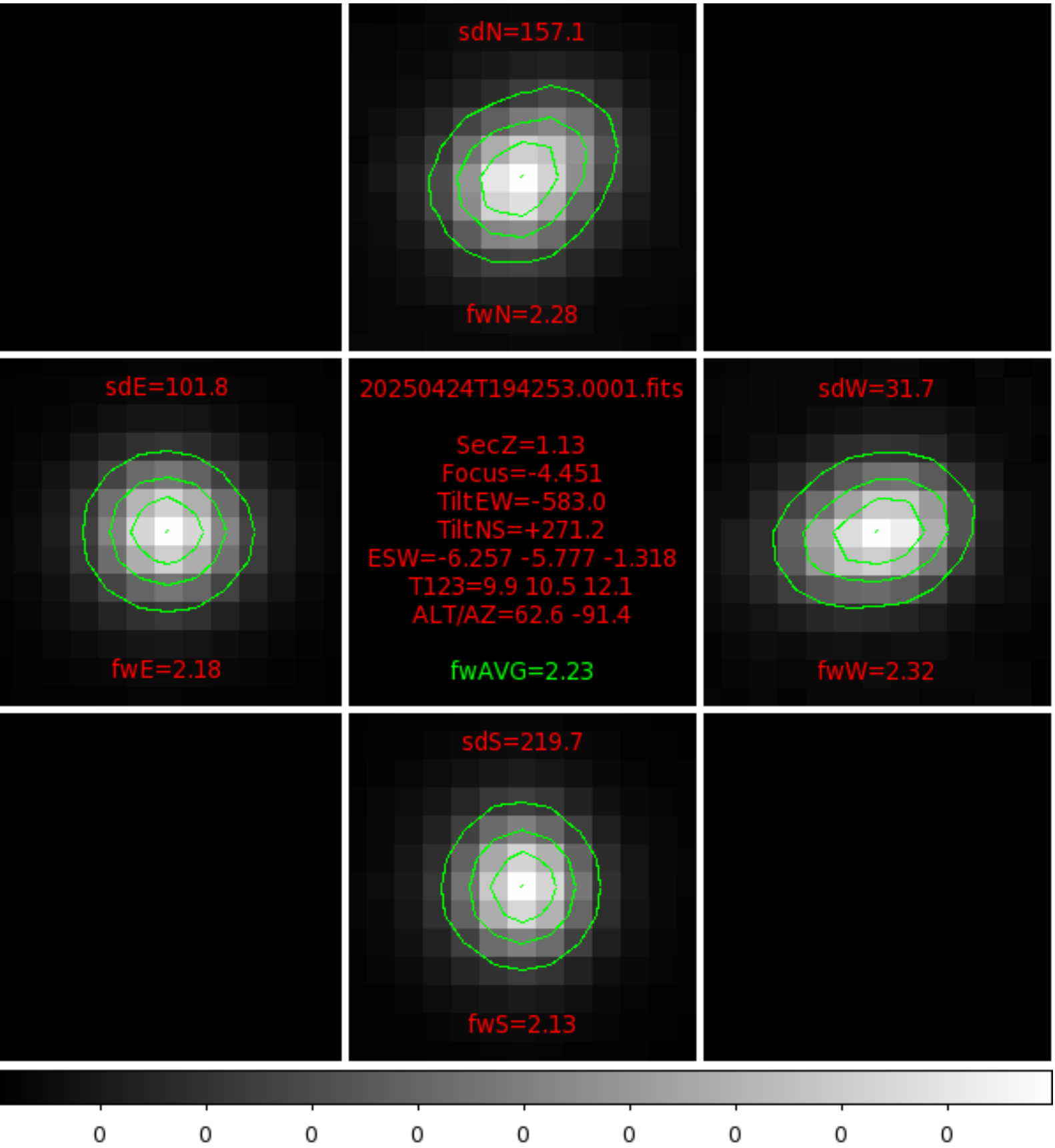
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sdE=101.8
fwE=2.18
20250424T194253.0001.fits
SecZ=1.13
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=9.9 10.5 12.1
ALT/AZ=62.6 -91.4
fwAVG=2.23
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sdS=219.7
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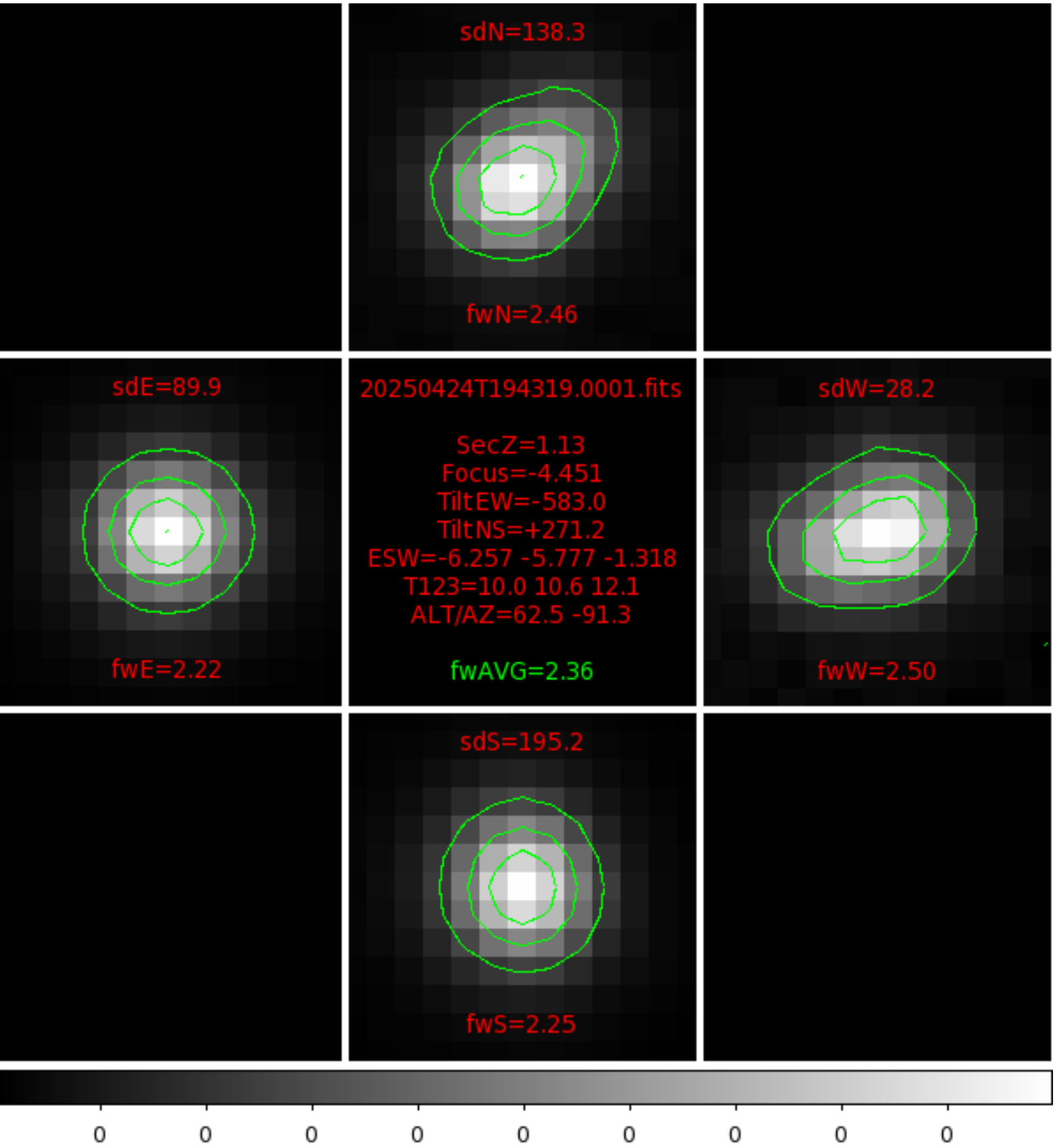
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SecZ=1.13
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.6 12.1
ALT/AZ=62.5 -91.3
fwAVG=2.36
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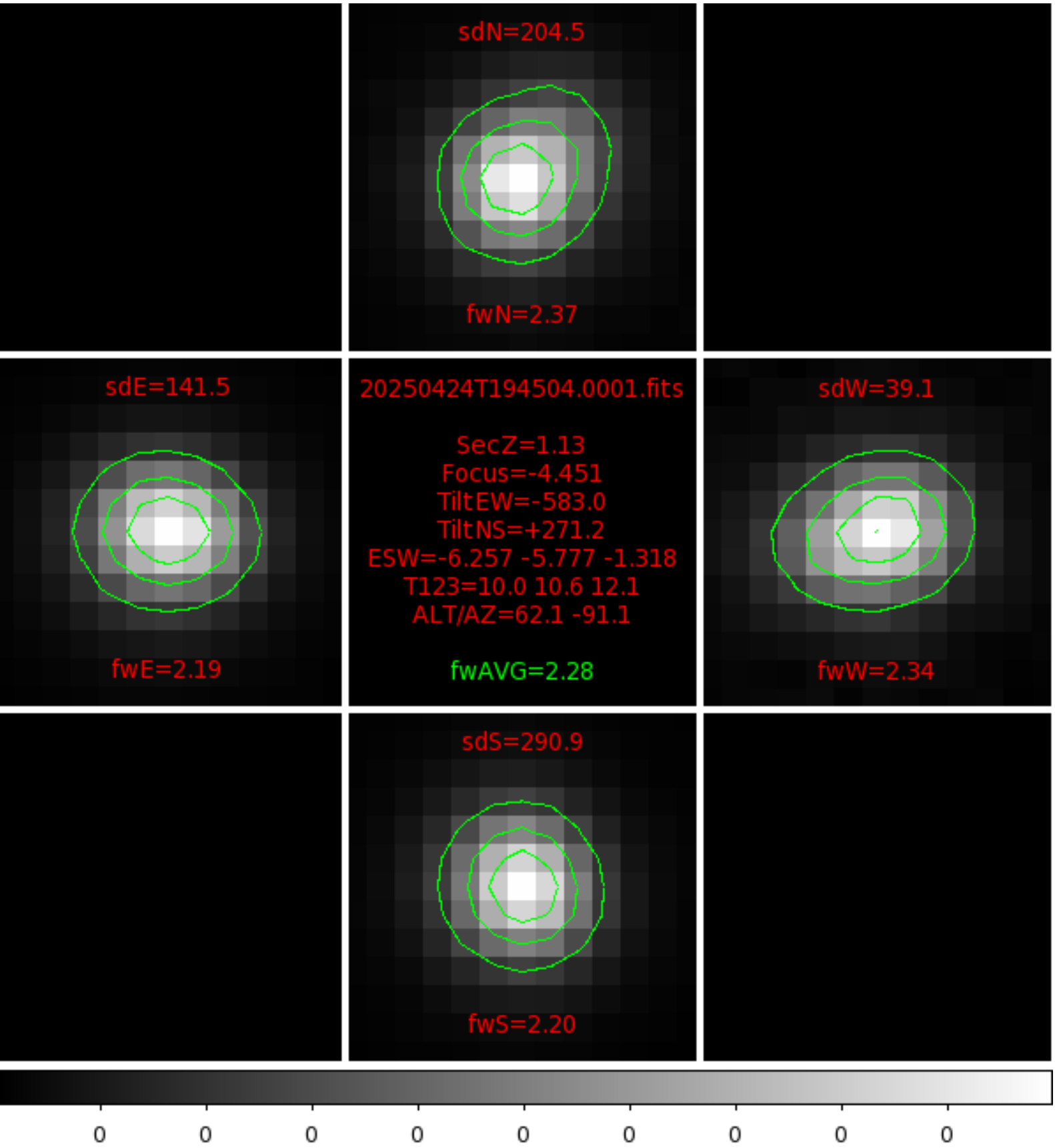
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sdE=141.5
fwE=2.19
20250424T194504.0001.fits
SecZ=1.13
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.6 12.1
ALT/AZ=62.1 -91.1
fwAVG=2.28
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sdS=290.9
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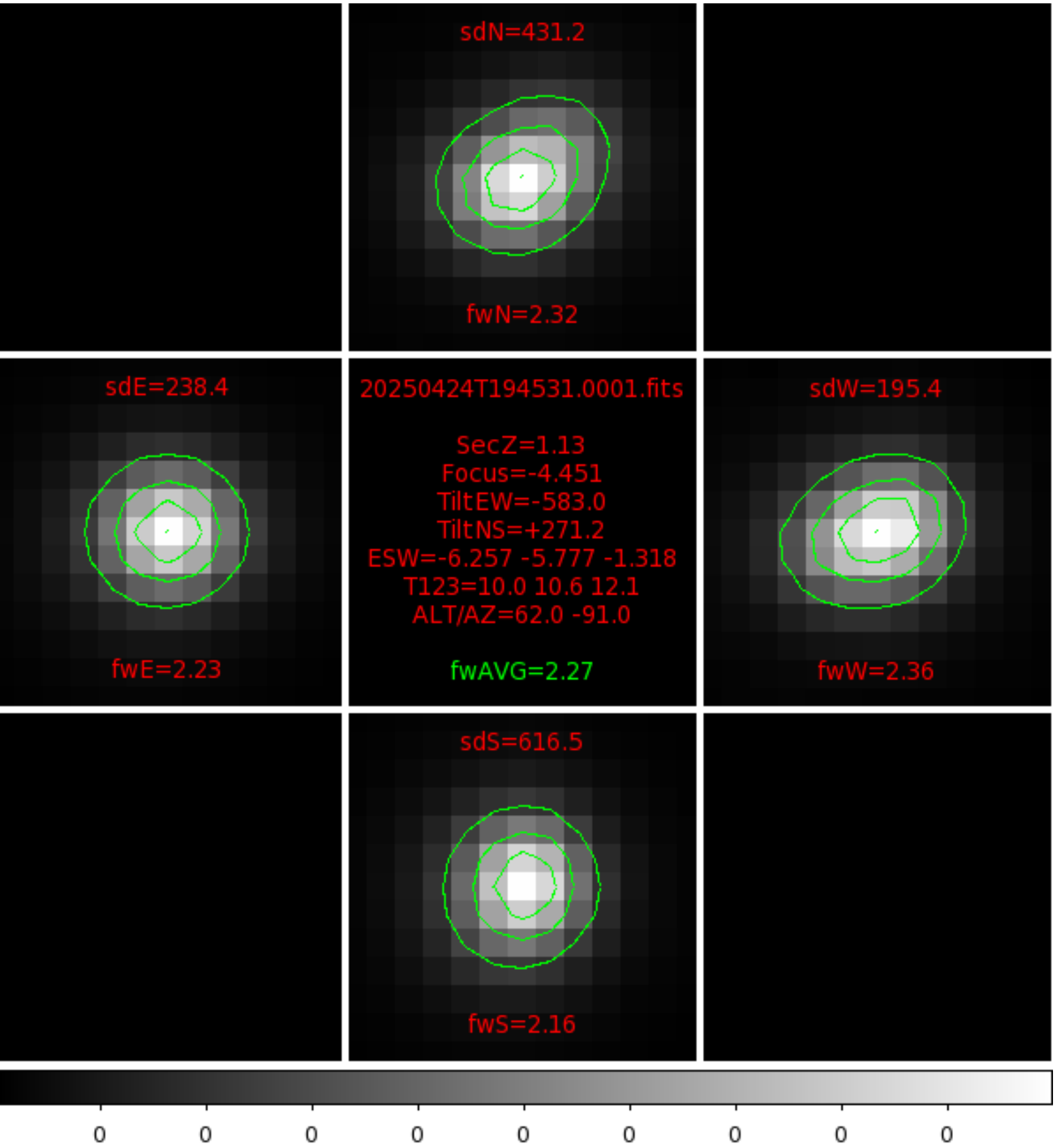
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sdE=238.4
fwE=2.23
20250424T194531.0001.fits
SecZ=1.13
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.6 12.1
ALT/AZ=62.0 -91.0
fwAVG=2.27
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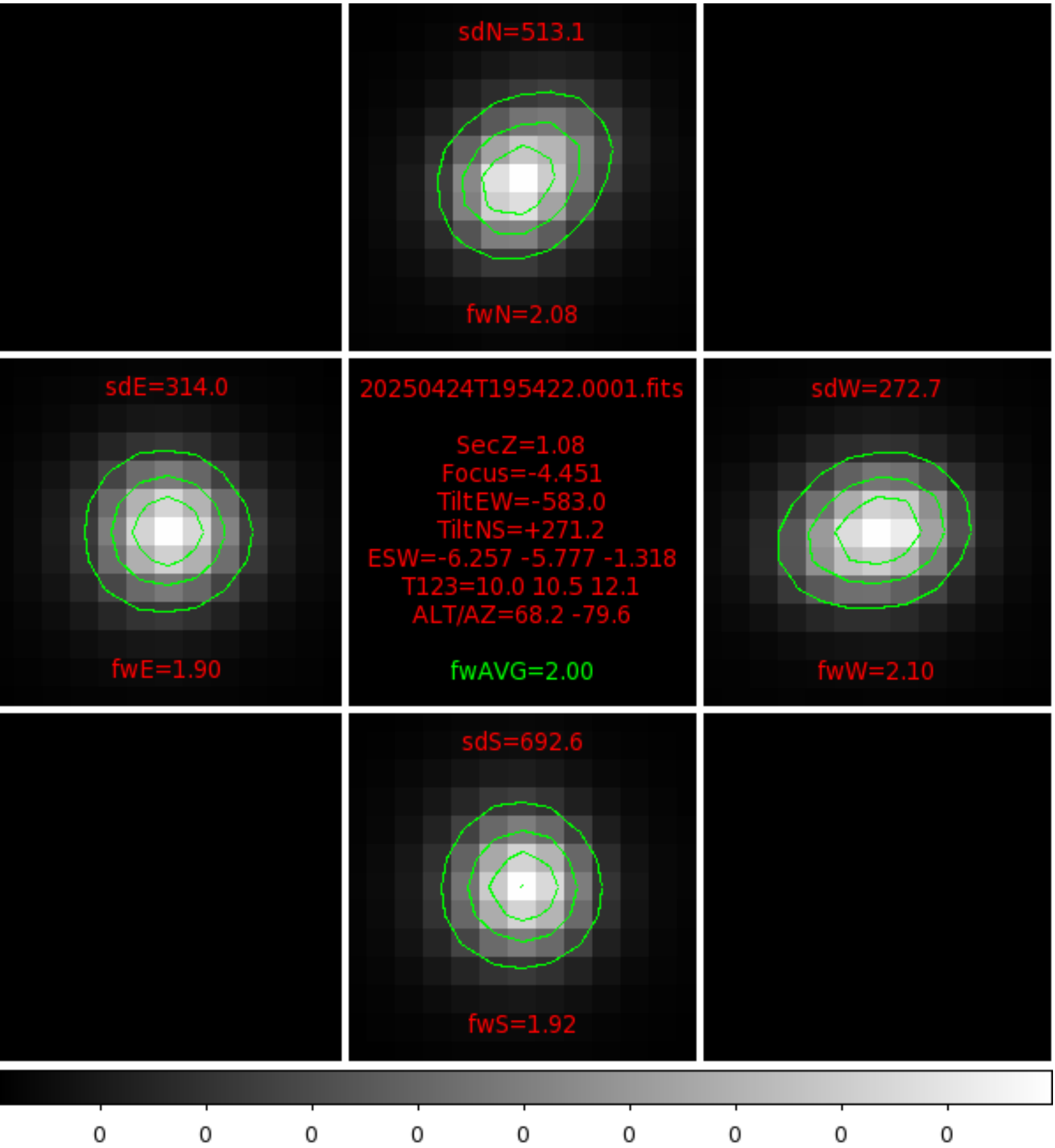
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sdE=314.0
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SecZ=1.08
Focus=-4.451
TiltEW=-583.0
TiltNS=+271.2
ESW=-6.257 -5.777 -1.318
T123=10.0 10.5 12.1
ALT/AZ=68.2 -79.6
fwAVG=2.00
sdW=272.7
fwW=2.10
sdS=692.6
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