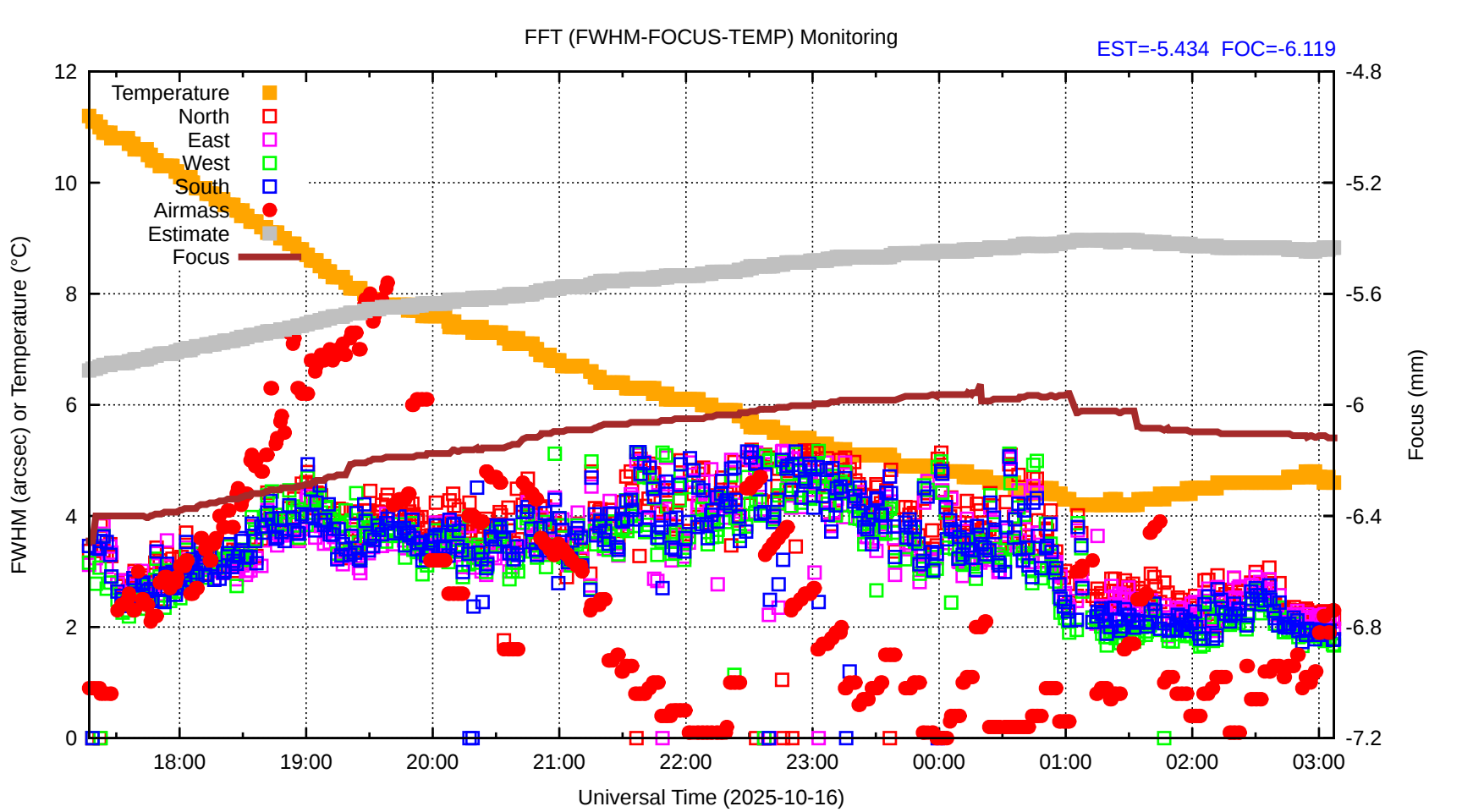
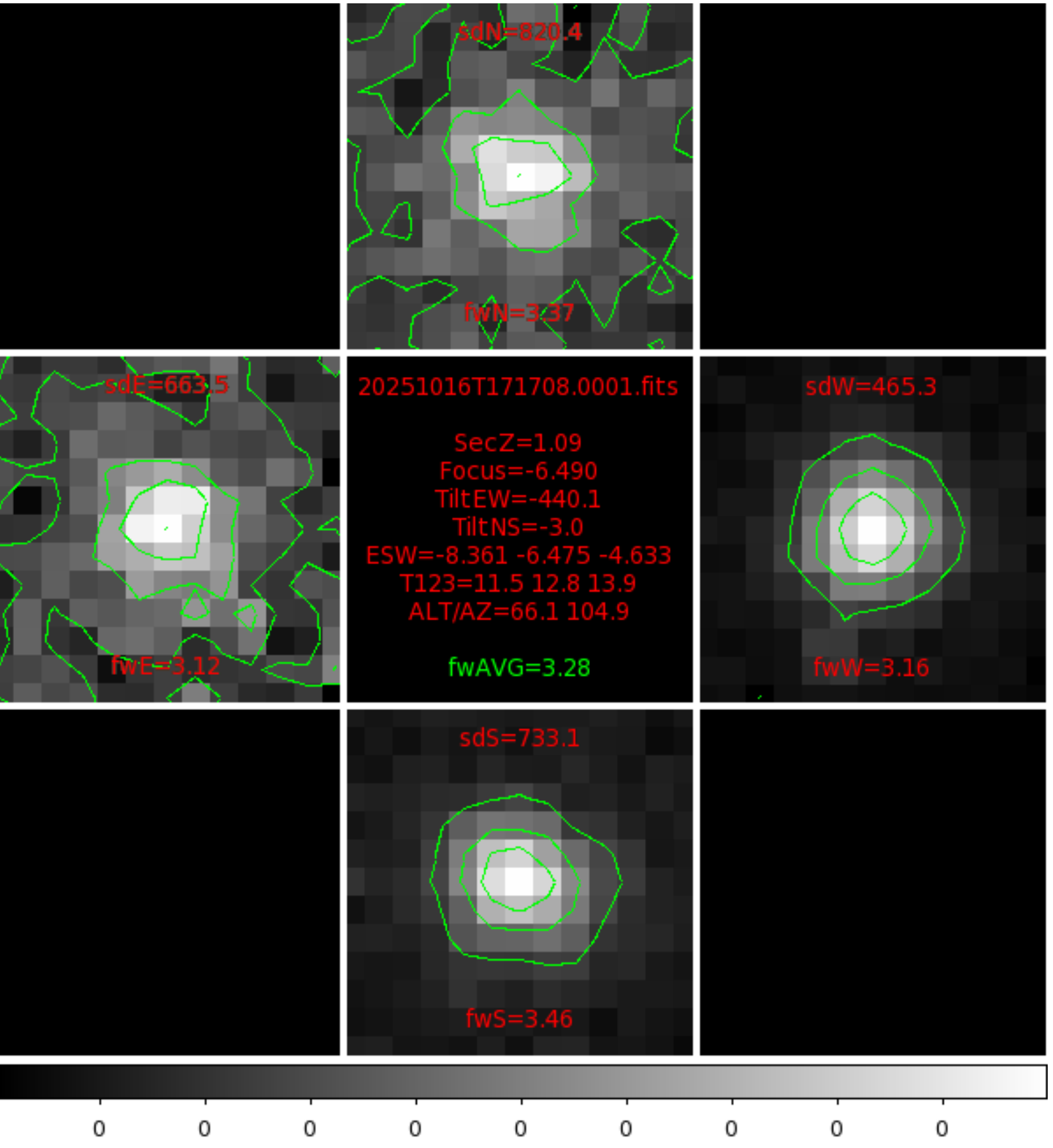

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-5.434 FOC=-6.119
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2025-10-16)
0
2
4
6
8
10
12
-7.2
-6.8
-6.4
-6
-5.6
-5.2
-4.8
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00
02:00
03:00


sdN=820.4
fwN=3.37
sdE=663.5
20251016T171708.0001.fits
SecZ=1.09
Focus=-6.490
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.361 -6.475 -4.633
T123=11.5 12.8 13.9
ALT/AZ=66.1 104.9
fwAVG=3.28
sdW=465.3
fwE=3.12
fwW=3.16
sdS=733.1
fwS=3.46
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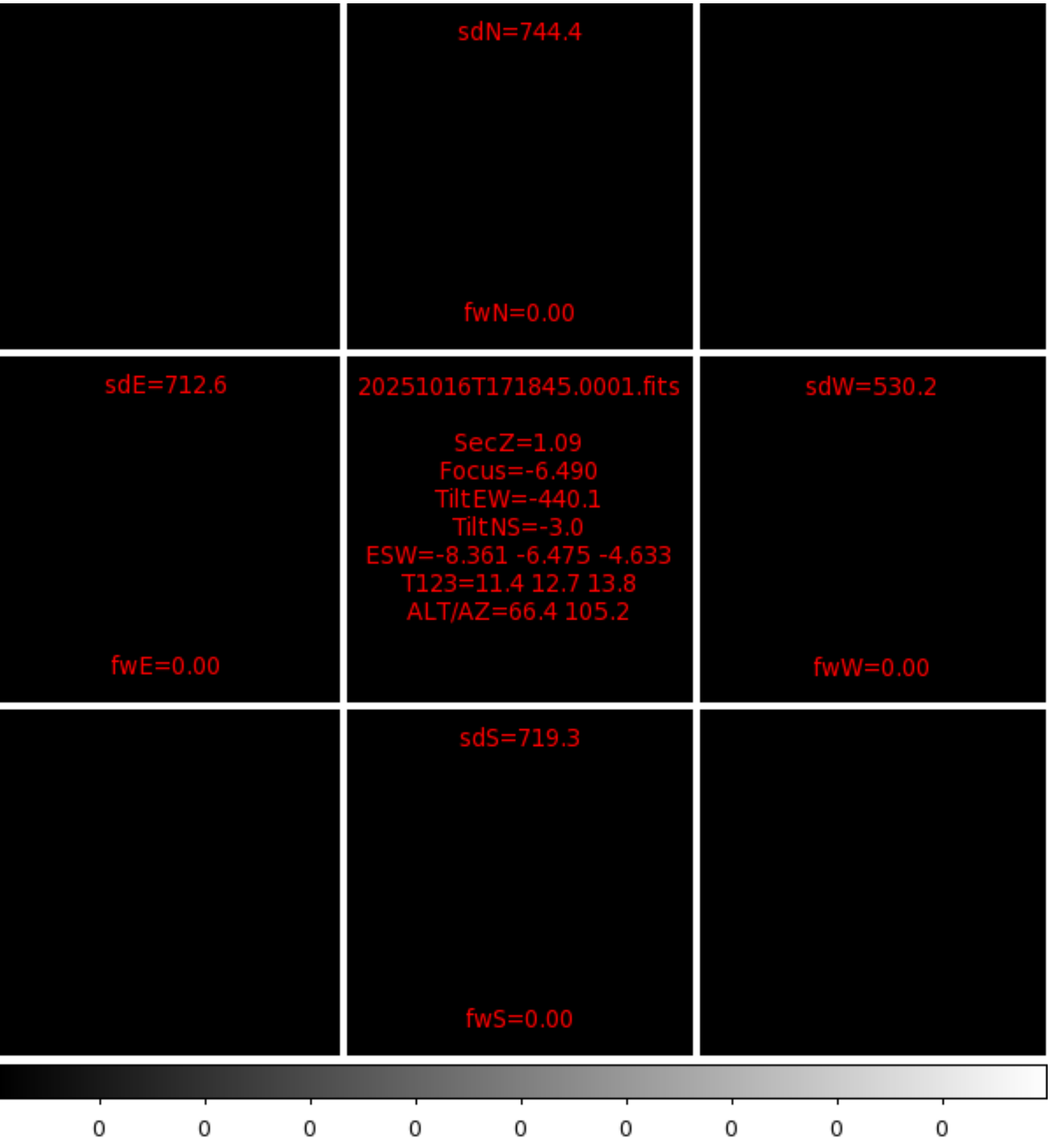
sdN=744.4
fwN=0.00
sdE=712.6
fwE=0.00
20251016T171845.0001.fits
SecZ=1.09
Focus=-6.490
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.361 -6.475 -4.633
T123=11.4 12.7 13.8
ALT/AZ=66.4 105.2
sdW=530.2
fwW=0.00
sdS=719.3
fwS=0.00
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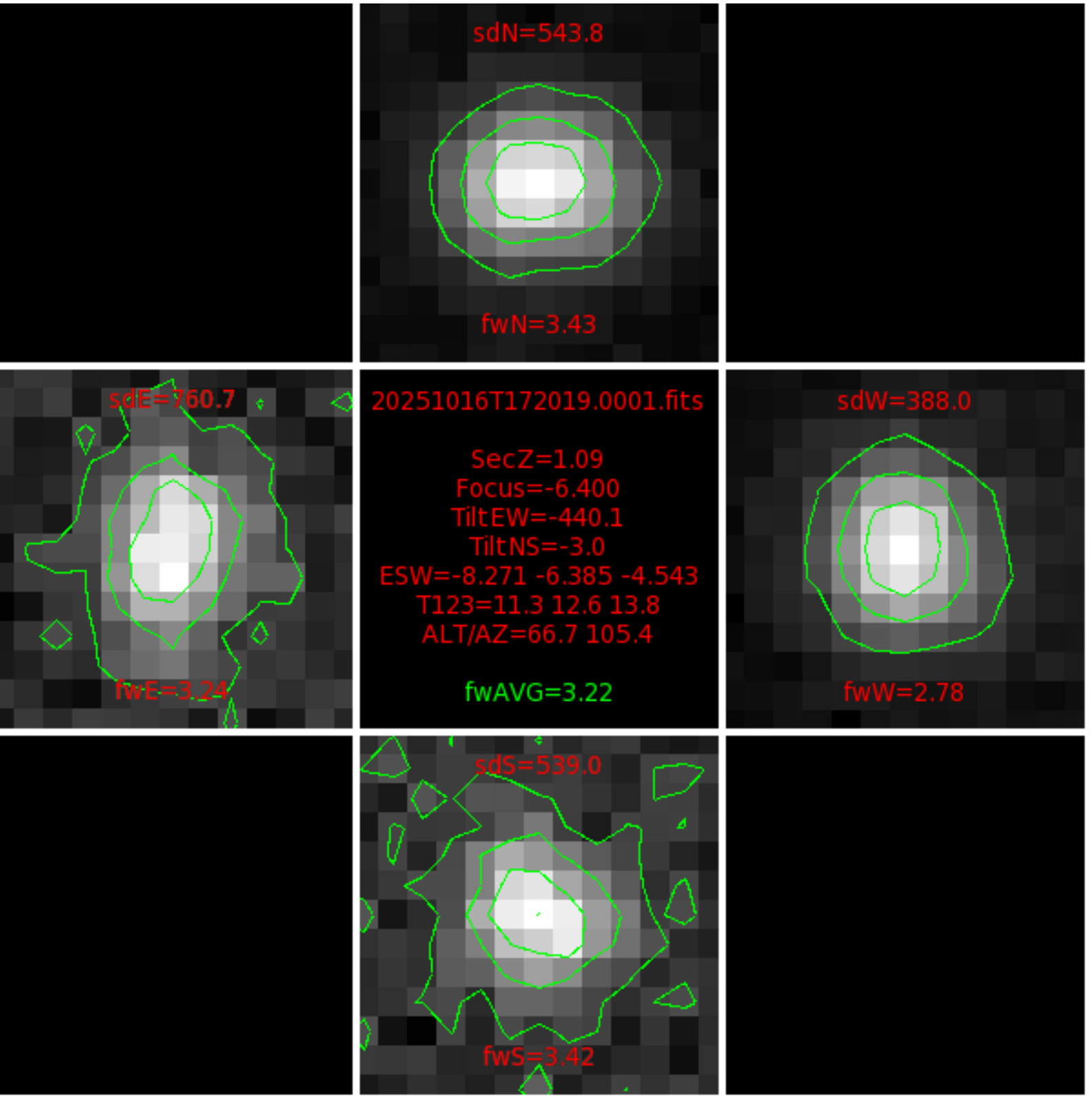
sdN=543.8
fwN=3.43
sdE=760.7
fwE=3.24
20251016T172019.0001.fits
SecZ=1.09
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=11.3 12.6 13.8
ALT/AZ=66.7 105.4
fwAVG=3.22
sdW=388.0
fwW=2.78
sdS=539.0
fwS=3.42
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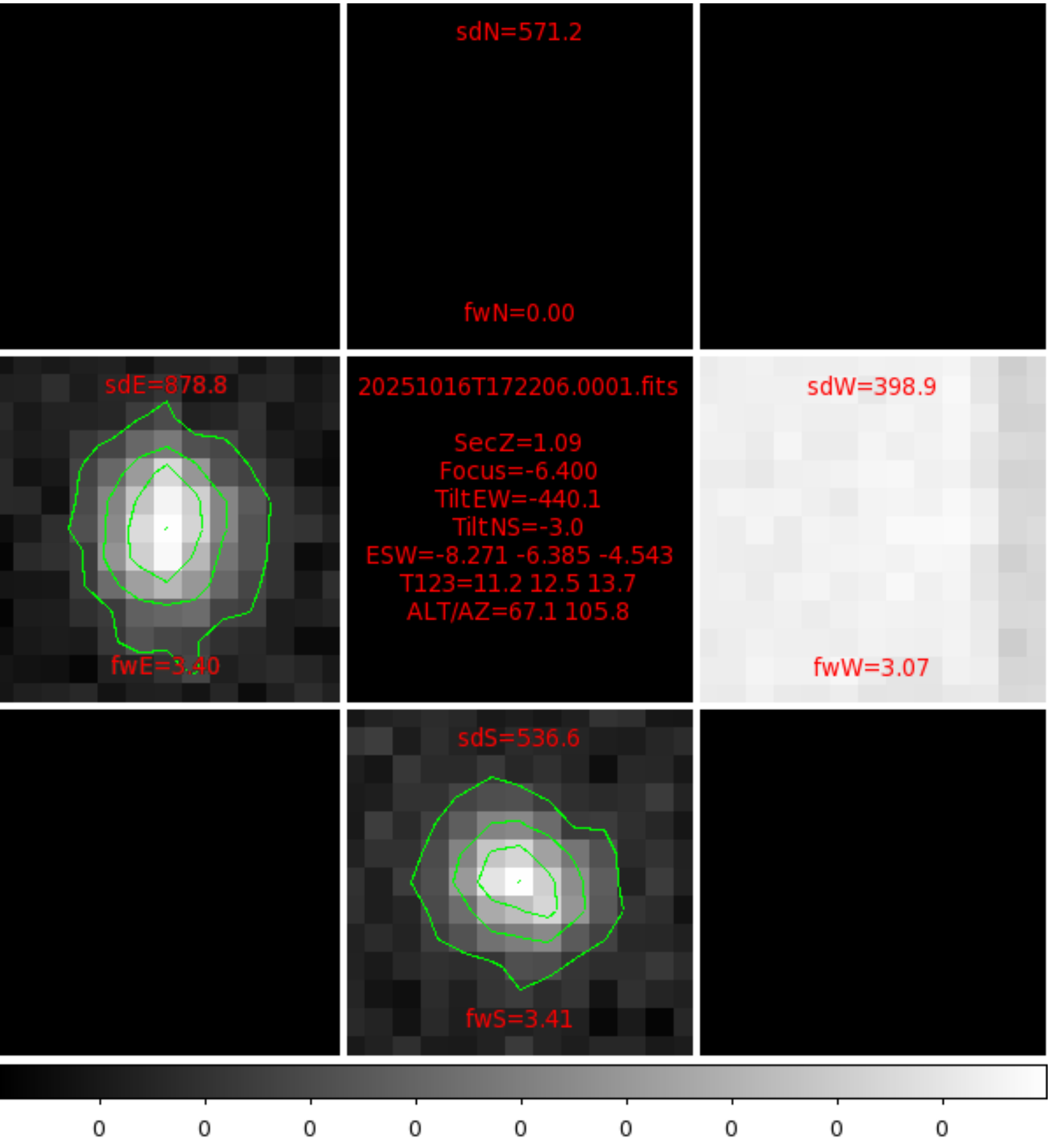
sdN=571.2
fwN=0.00
sdE=878.8
fwE=3.40
20251016T172206.0001.fits
SecZ=1.09
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=11.2 12.5 13.7
ALT/AZ=67.1 105.8
sdW=398.9
fwW=3.07
sdS=536.6
fwS=3.41
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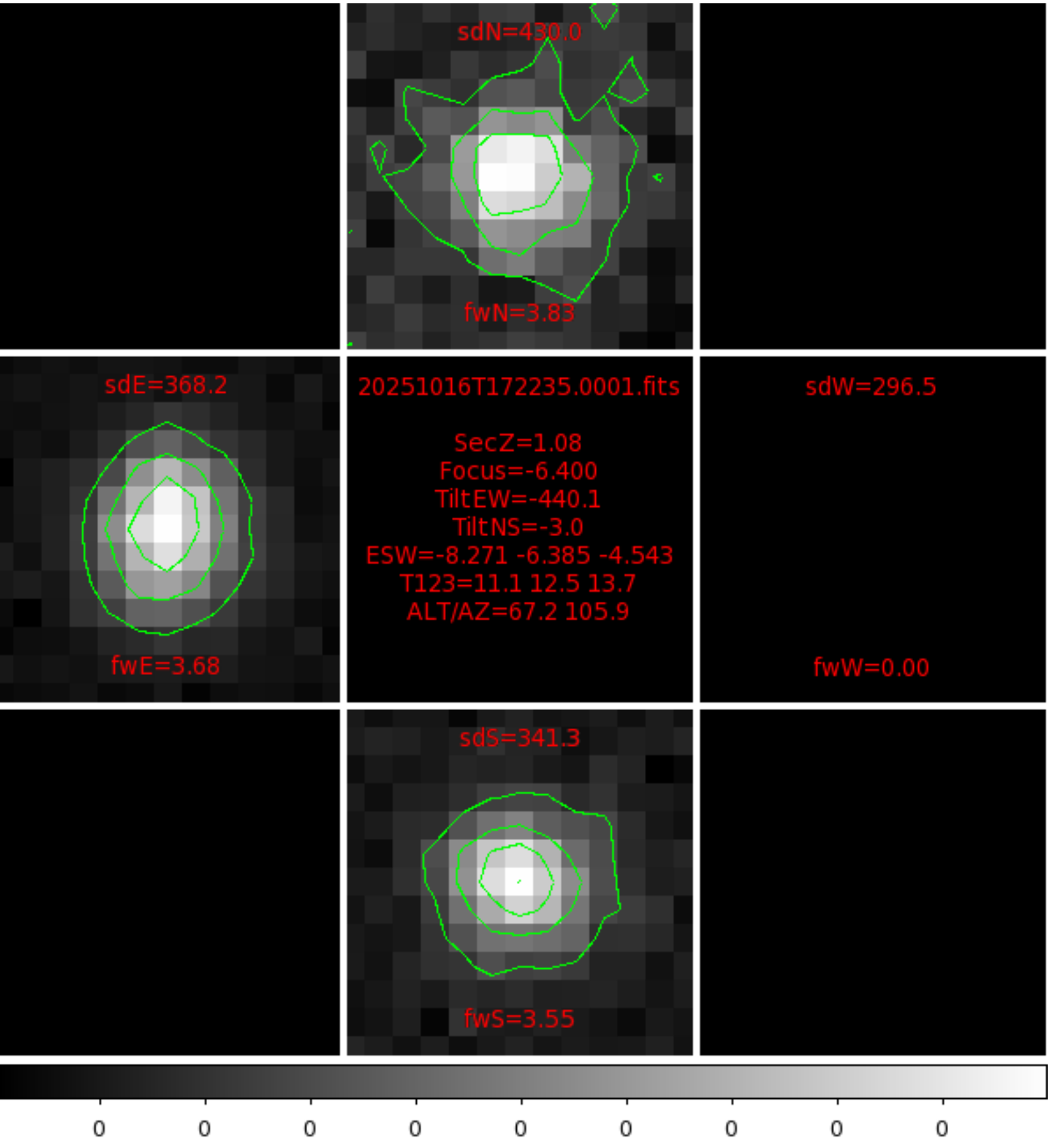
sdN=430.0
fwN=3.83
sdE=368.2
fwE=3.68
20251016T172235.0001.fits
SecZ=1.08
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=11.1 12.5 13.7
ALT/AZ=67.2 105.9
sdW=296.5
fwW=0.00
sdS=341.3
fwS=3.55
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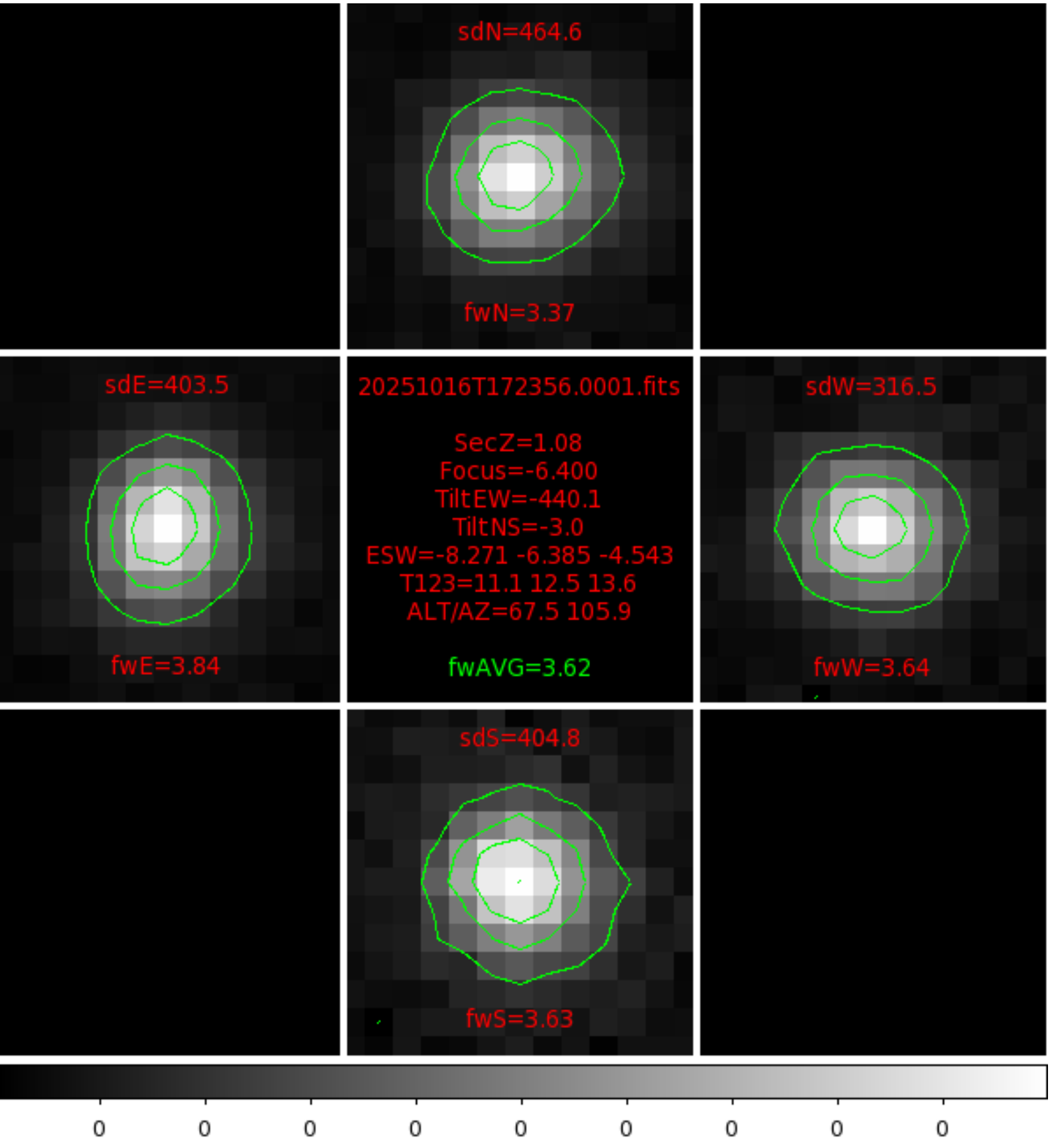
sdN=464.6
fwN=3.37
sdE=403.5
fwE=3.84
20251016T172356.0001.fits
SecZ=1.08
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=11.1 12.5 13.6
ALT/AZ=67.5 105.9
fwAVG=3.62
sdW=316.5
fwW=3.64
sdS=404.8
fwS=3.63
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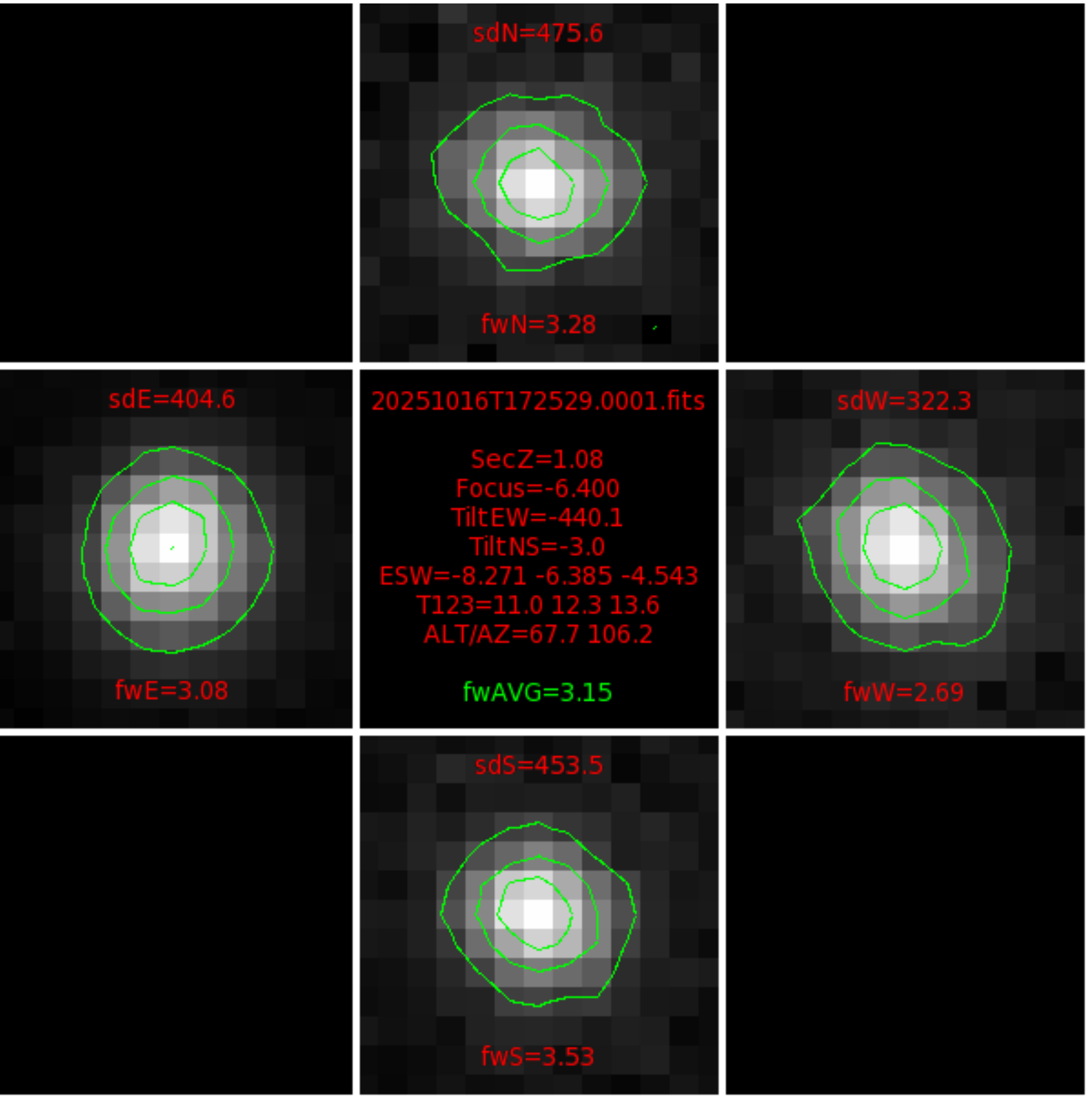
sdN=475.6
fwN=3.28
sdE=404.6
fwE=3.08
20251016T172529.0001.fits
SecZ=1.08
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=11.0 12.3 13.6
ALT/AZ=67.7 106.2
fwAVG=3.15
sdW=322.3
fwW=2.69
sdS=453.5
fwS=3.53
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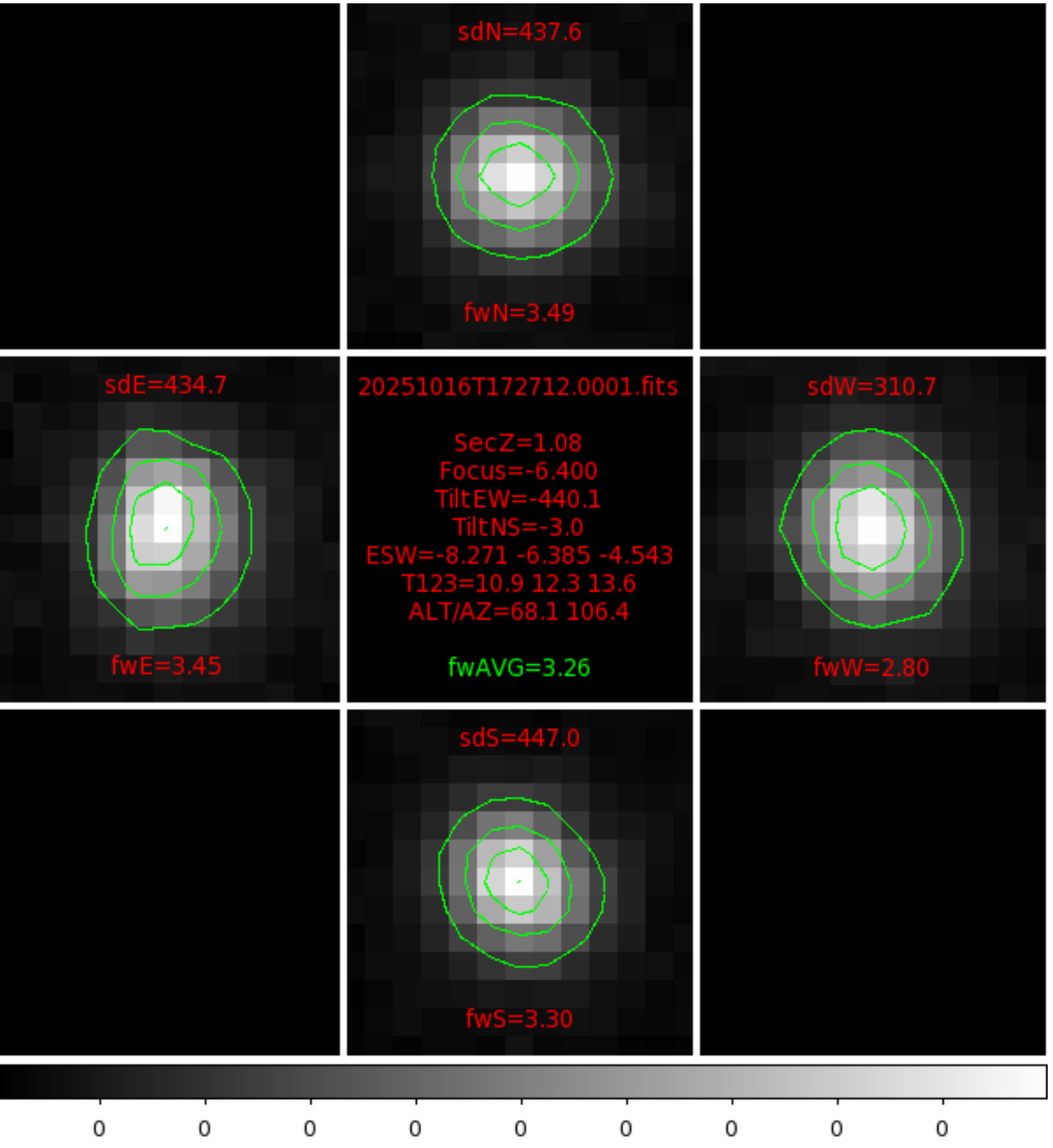
sdN=437.6
fwN=3.49
sdE=434.7
fwE=3.45
20251016T172712.0001.fits
SecZ=1.08
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=10.9 12.3 13.6
ALT/AZ=68.1 106.4
fwAVG=3.26
sdW=310.7
fwW=2.80
sdS=447.0
fwS=3.30
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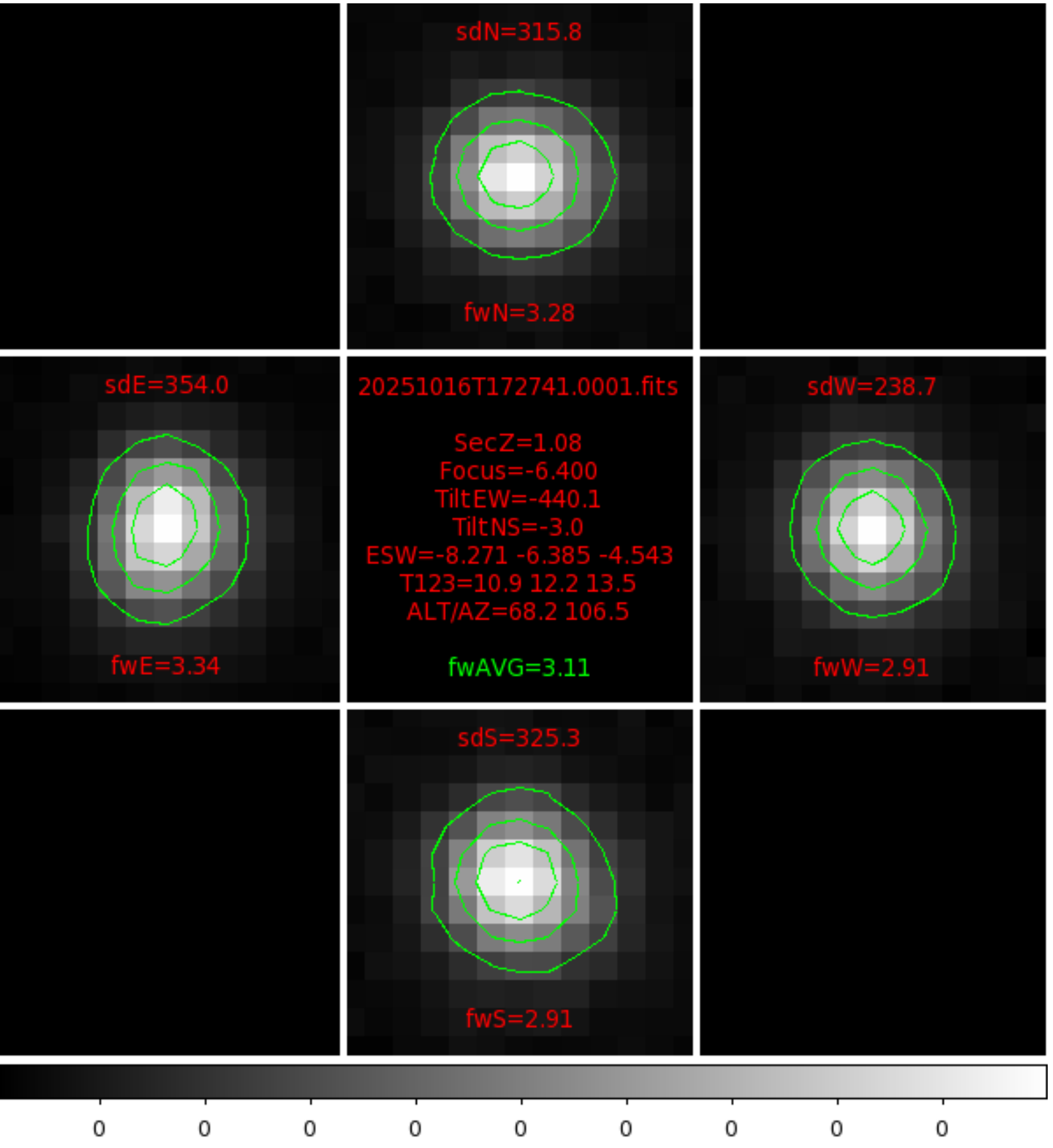
sdN=315.8
fwN=3.28
sdE=354.0
fwE=3.34
20251016T172741.0001.fits
SecZ=1.08
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=10.9 12.2 13.5
ALT/AZ=68.2 106.5
fwAVG=3.11
sdW=238.7
fwW=2.91
sdS=325.3
fwS=2.91
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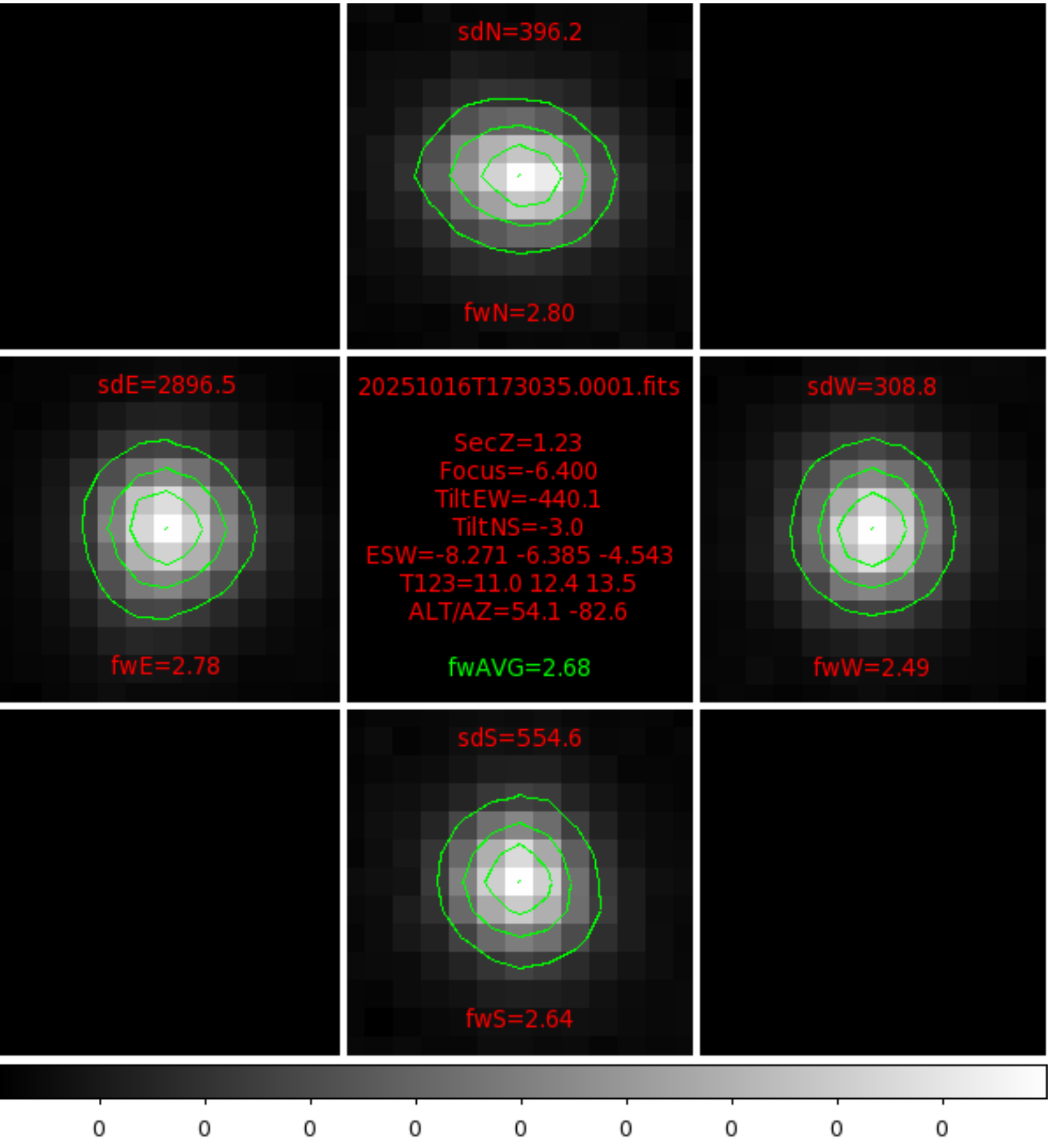
sdN=396.2
fwN=2.80
sdE=2896.5
fwE=2.78
20251016T173035.0001.fits
SecZ=1.23
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=11.0 12.4 13.5
ALT/AZ=54.1 -82.6
fwAVG=2.68
sdW=308.8
fwW=2.49
sdS=554.6
fwS=2.64
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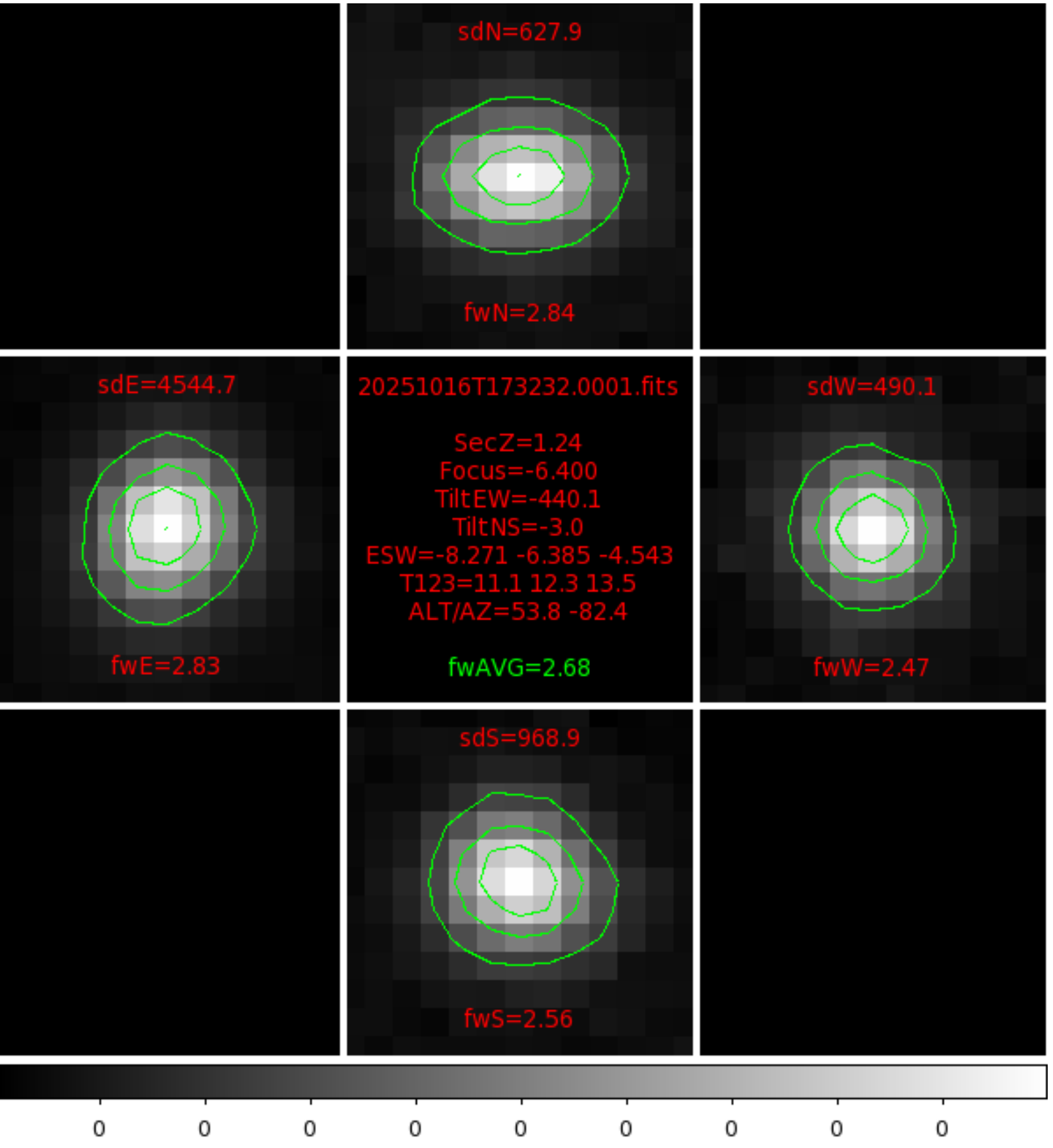
sdN=627.9
fwN=2.84
sdE=4544.7
fwE=2.83
20251016T173232.0001.fits
SecZ=1.24
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=11.1 12.3 13.5
ALT/AZ=53.8 -82.4
fwAVG=2.68
sdW=490.1
fwW=2.47
sdS=968.9
fwS=2.56
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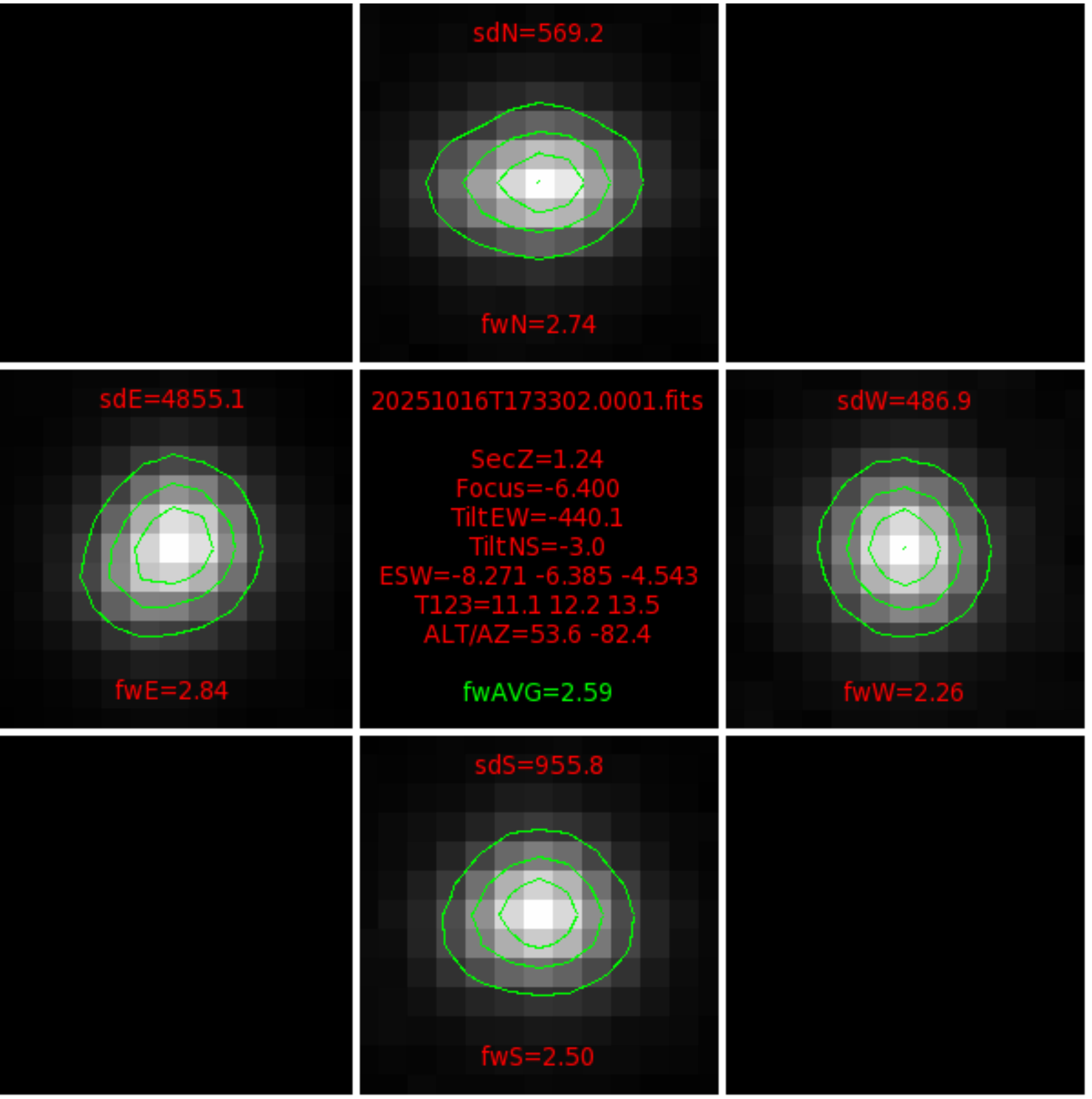
sdN=569.2
fwN=2.74
sdE=4855.1
fwE=2.84
20251016T173302.0001.fits
SecZ=1.24
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=11.1 12.2 13.5
ALT/AZ=53.6 -82.4
fwAVG=2.59
sdW=486.9
fwW=2.26
sdS=955.8
fwS=2.50
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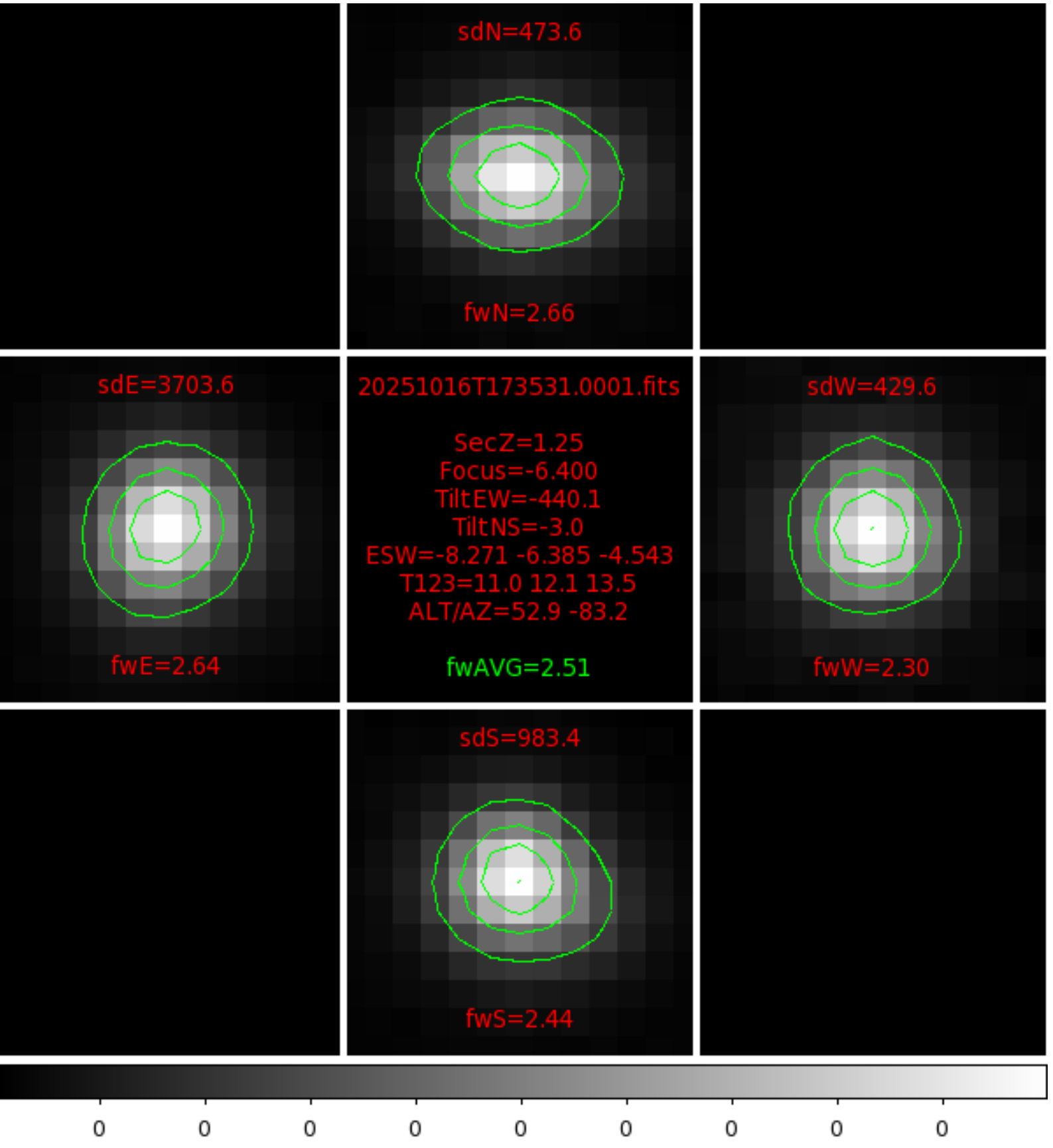
sdN=473.6
fwN=2.66
sdE=3703.6
fwE=2.64
20251016T173531.0001.fits
SecZ=1.25
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=11.0 12.1 13.5
ALT/AZ=52.9 -83.2
fwAVG=2.51
sdW=429.6
fwW=2.30
sdS=983.4
fwS=2.44
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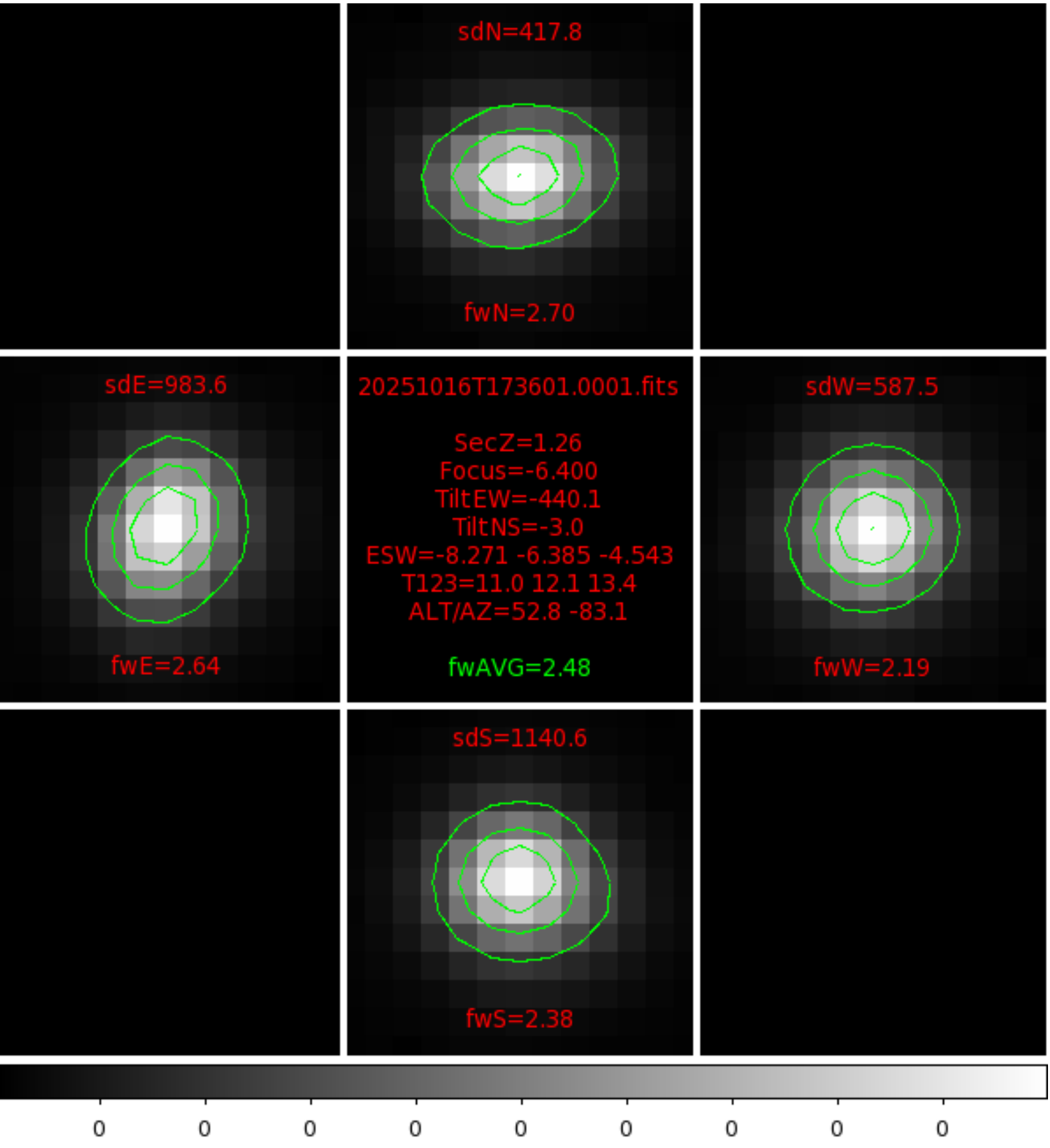
sdN=417.8
fwN=2.70
sdE=983.6
fwE=2.64
20251016T173601.0001.fits
SecZ=1.26
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=11.0 12.1 13.4
ALT/AZ=52.8 -83.1
fwAVG=2.48
sdW=587.5
fwW=2.19
sdS=1140.6
fwS=2.38
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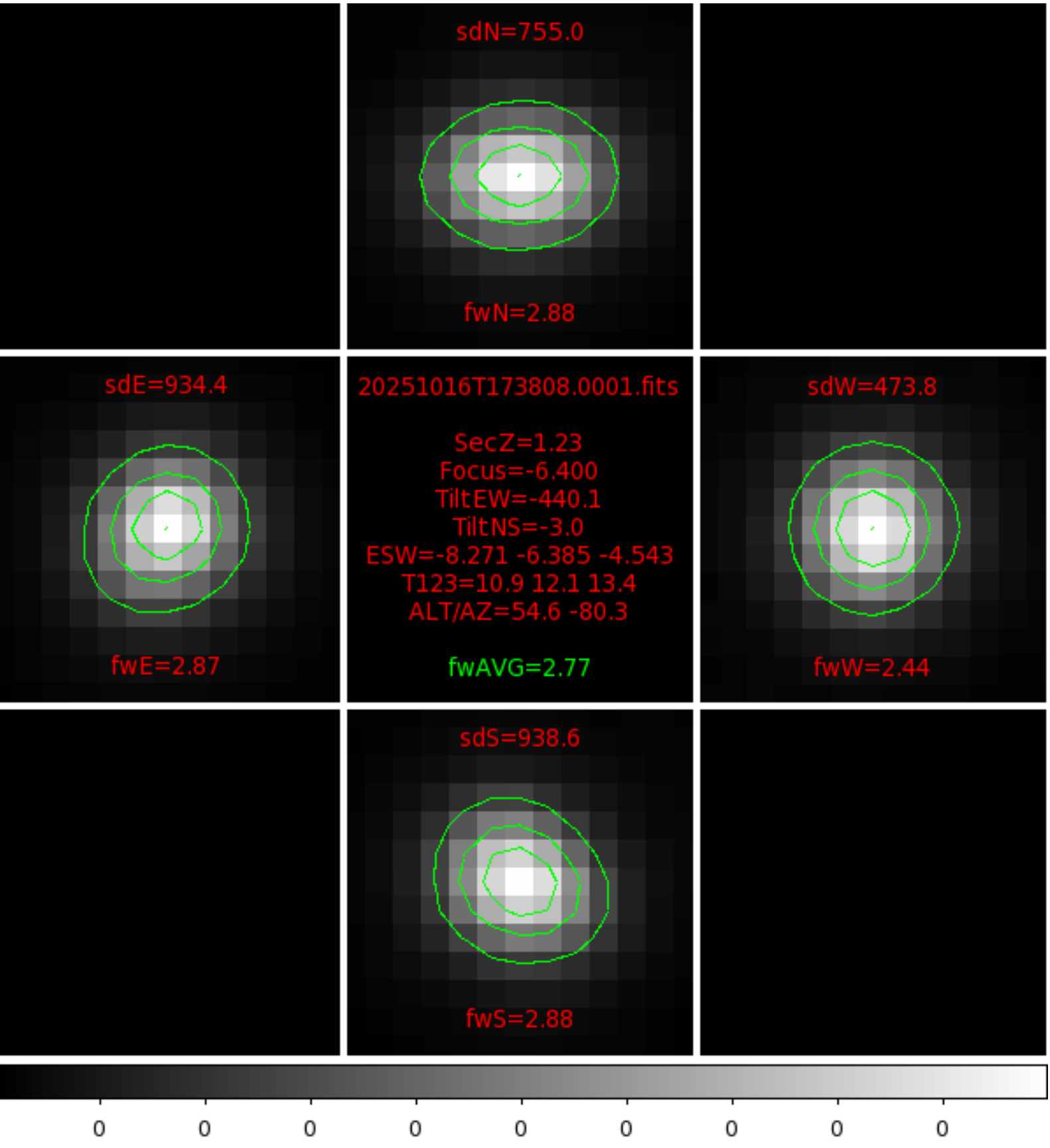
sdN=755.0
fwN=2.88
sdE=934.4
fwE=2.87
20251016T173808.0001.fits
SecZ=1.23
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=10.9 12.1 13.4
ALT/AZ=54.6 -80.3
fwAVG=2.77
sdW=473.8
fwW=2.44
sdS=938.6
fwS=2.88
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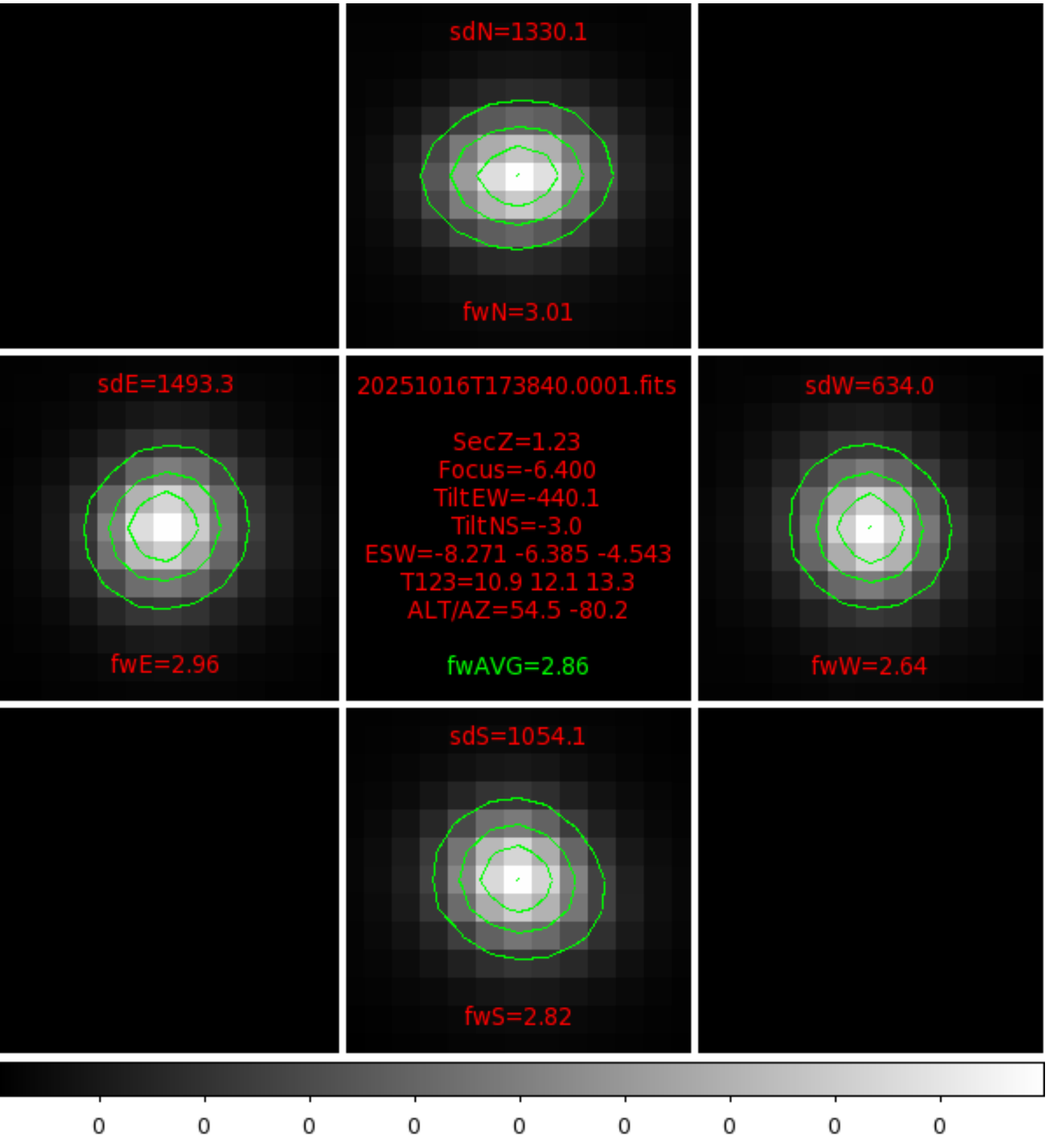
sdN=1330.1
fwN=3.01
sdE=1493.3
fwE=2.96
20251016T173840.0001.fits
SecZ=1.23
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=10.9 12.1 13.3
ALT/AZ=54.5 -80.2
fwAVG=2.86
sdW=634.0
fwW=2.64
sdS=1054.1
fwS=2.82
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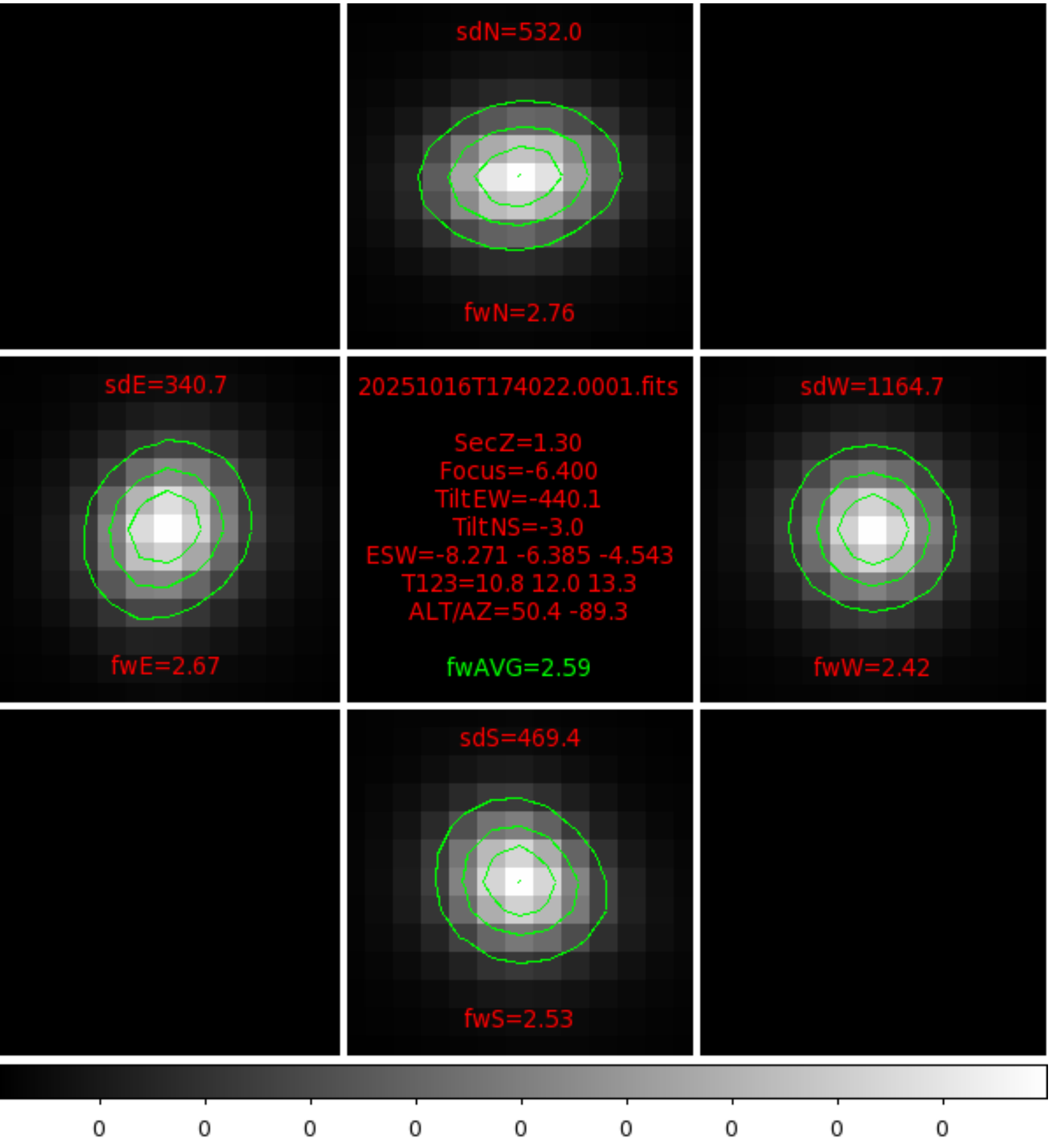
sdN=532.0
fwN=2.76
sdE=340.7
fwE=2.67
20251016T174022.0001.fits
SecZ=1.30
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=10.8 12.0 13.3
ALT/AZ=50.4 -89.3
fwAVG=2.59
sdW=1164.7
fwW=2.42
sdS=469.4
fwS=2.53
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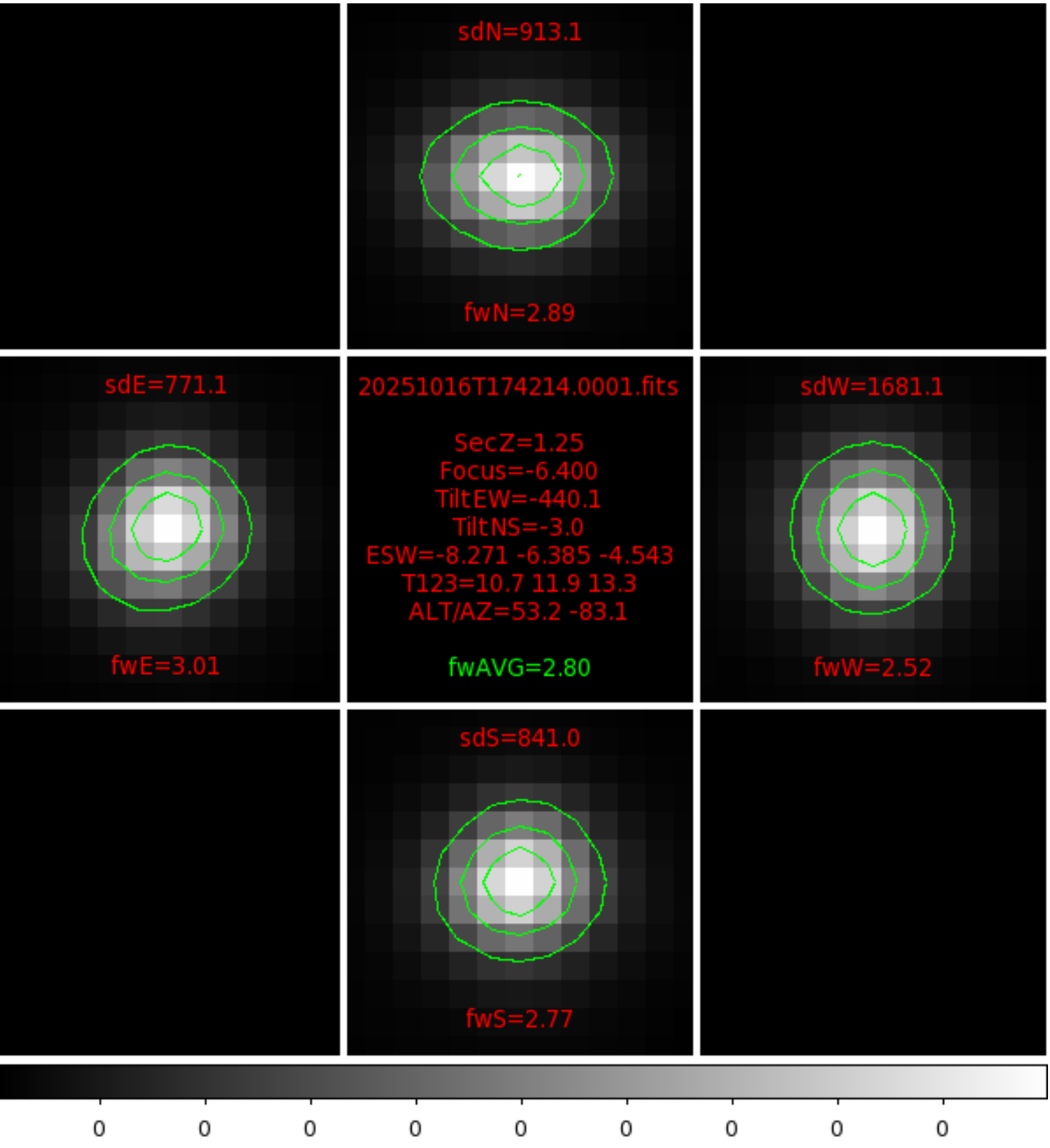
sdN=913.1
fwN=2.89
sdE=771.1
fwE=3.01
20251016T174214.0001.fits
SecZ=1.25
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=10.7 11.9 13.3
ALT/AZ=53.2 -83.1
fwAVG=2.80
sdW=1681.1
fwW=2.52
sdS=841.0
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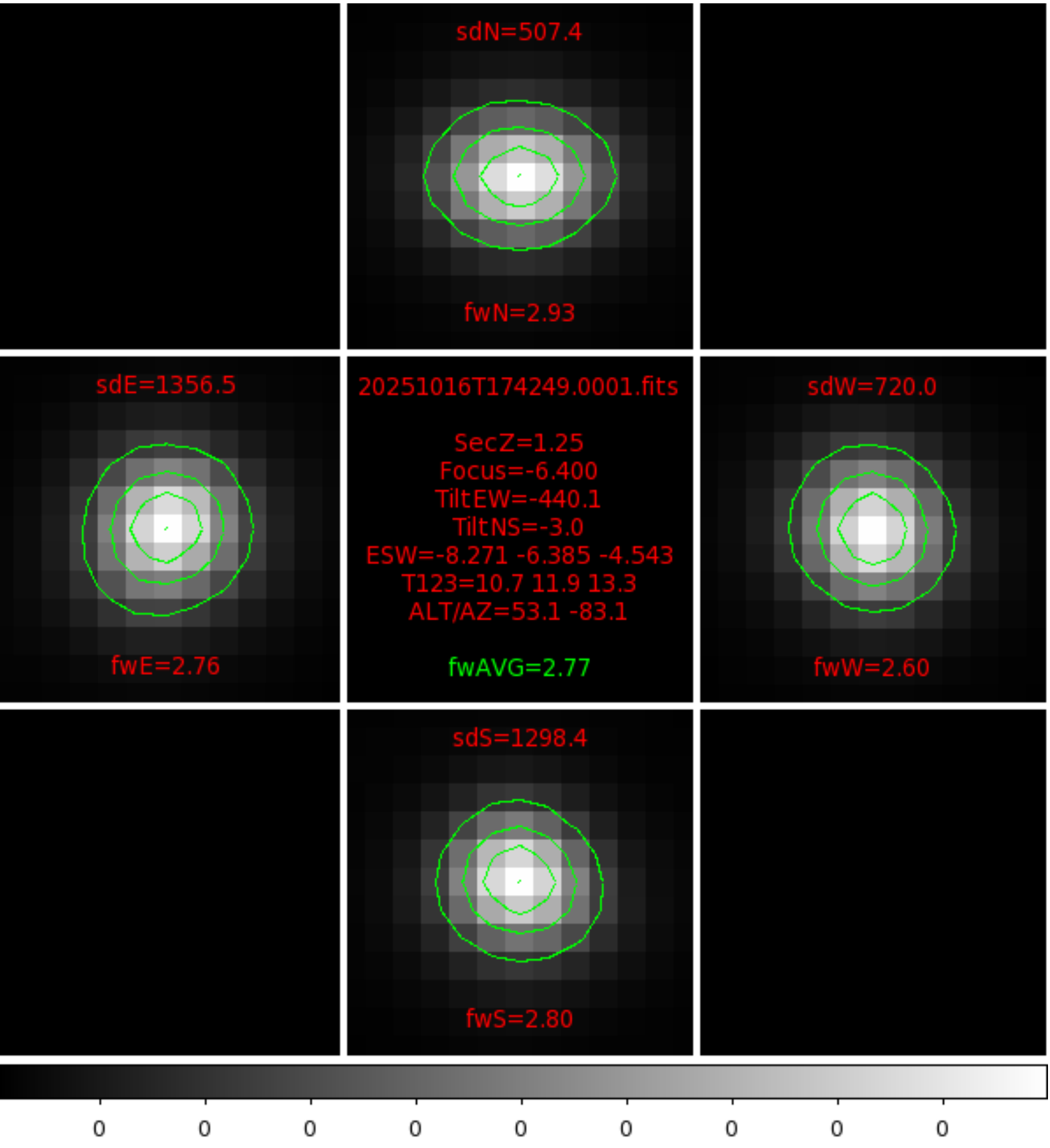
sdN=507.4
fwN=2.93
sdE=1356.5
fwE=2.76
20251016T174249.0001.fits
SecZ=1.25
Focus=-6.400
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.271 -6.385 -4.543
T123=10.7 11.9 13.3
ALT/AZ=53.1 -83.1
fwAVG=2.77
sdW=720.0
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sdS=1298.4
fwS=2.80
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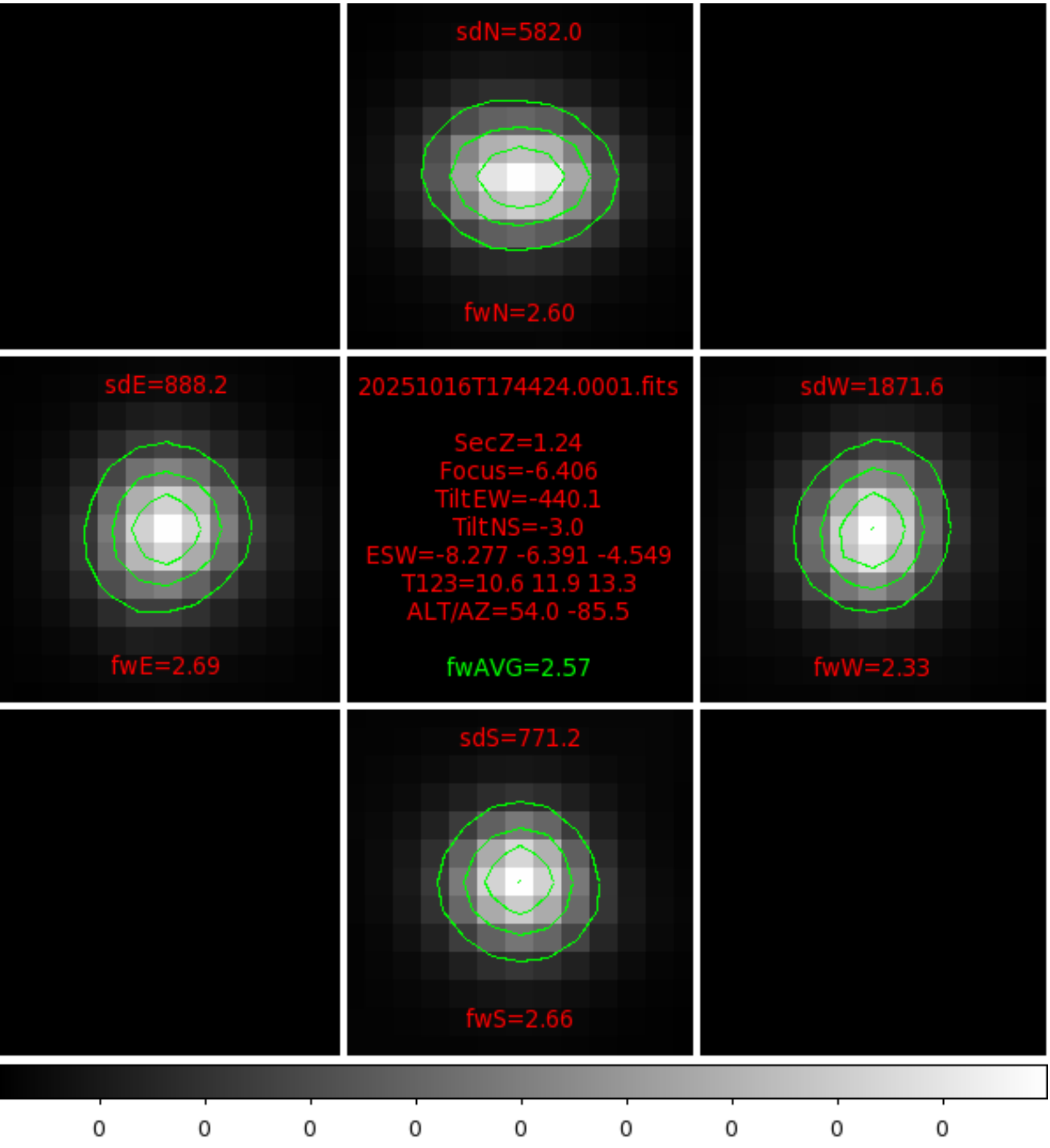
sdN=582.0
fwN=2.60
sdE=888.2
fwE=2.69
20251016T174424.0001.fits
SecZ=1.24
Focus=-6.406
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.277 -6.391 -4.549
T123=10.6 11.9 13.3
ALT/AZ=54.0 -85.5
fwAVG=2.57
sdW=1871.6
fwW=2.33
sdS=771.2
fwS=2.66
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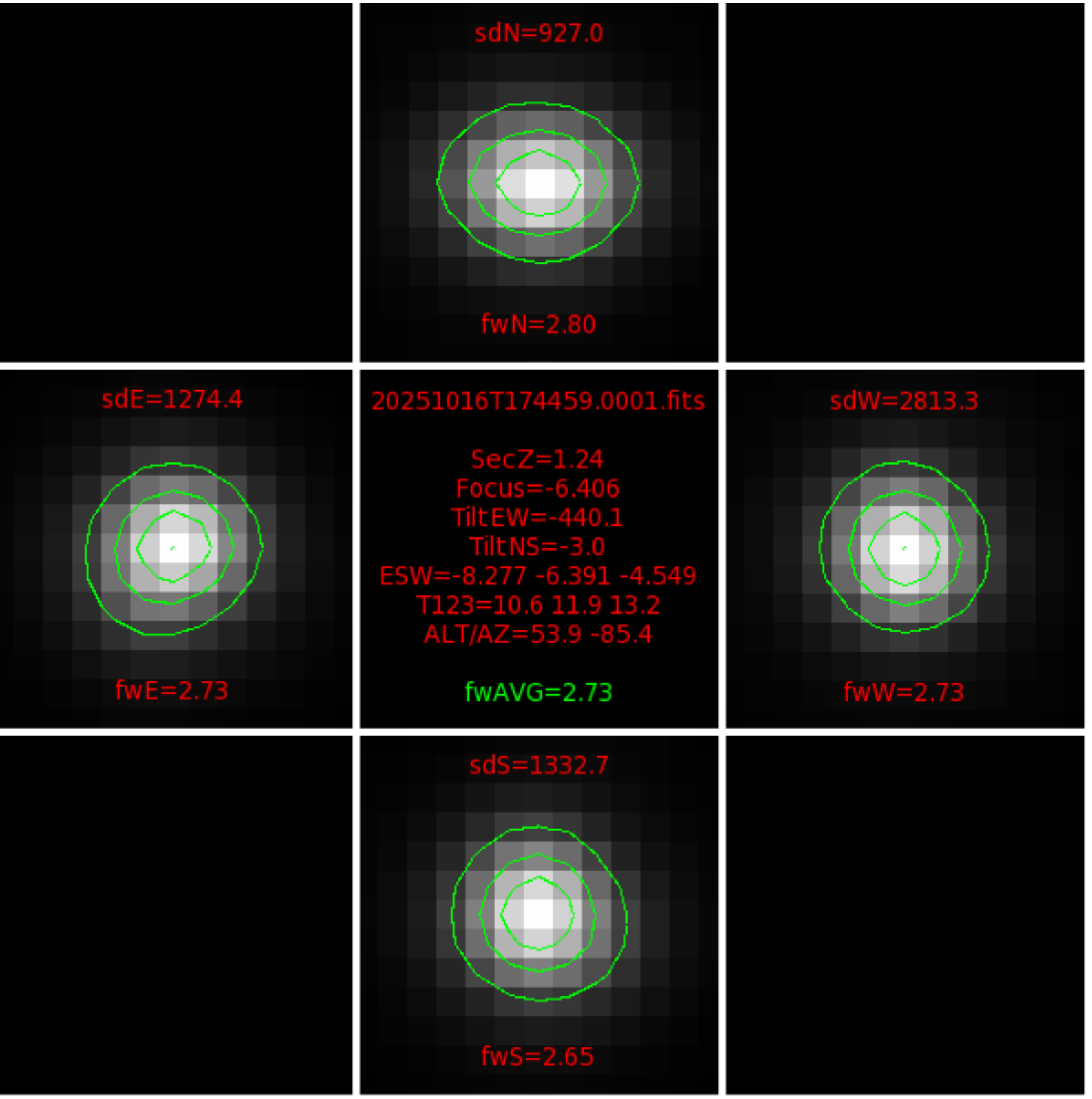
sdN=927.0
fwN=2.80
sdE=1274.4
fwE=2.73
20251016T174459.0001.fits
SecZ=1.24
Focus=-6.406
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.277 -6.391 -4.549
T123=10.6 11.9 13.2
ALT/AZ=53.9 -85.4
fwAVG=2.73
sdW=2813.3
fwW=2.73
sdS=1332.7
fwS=2.65
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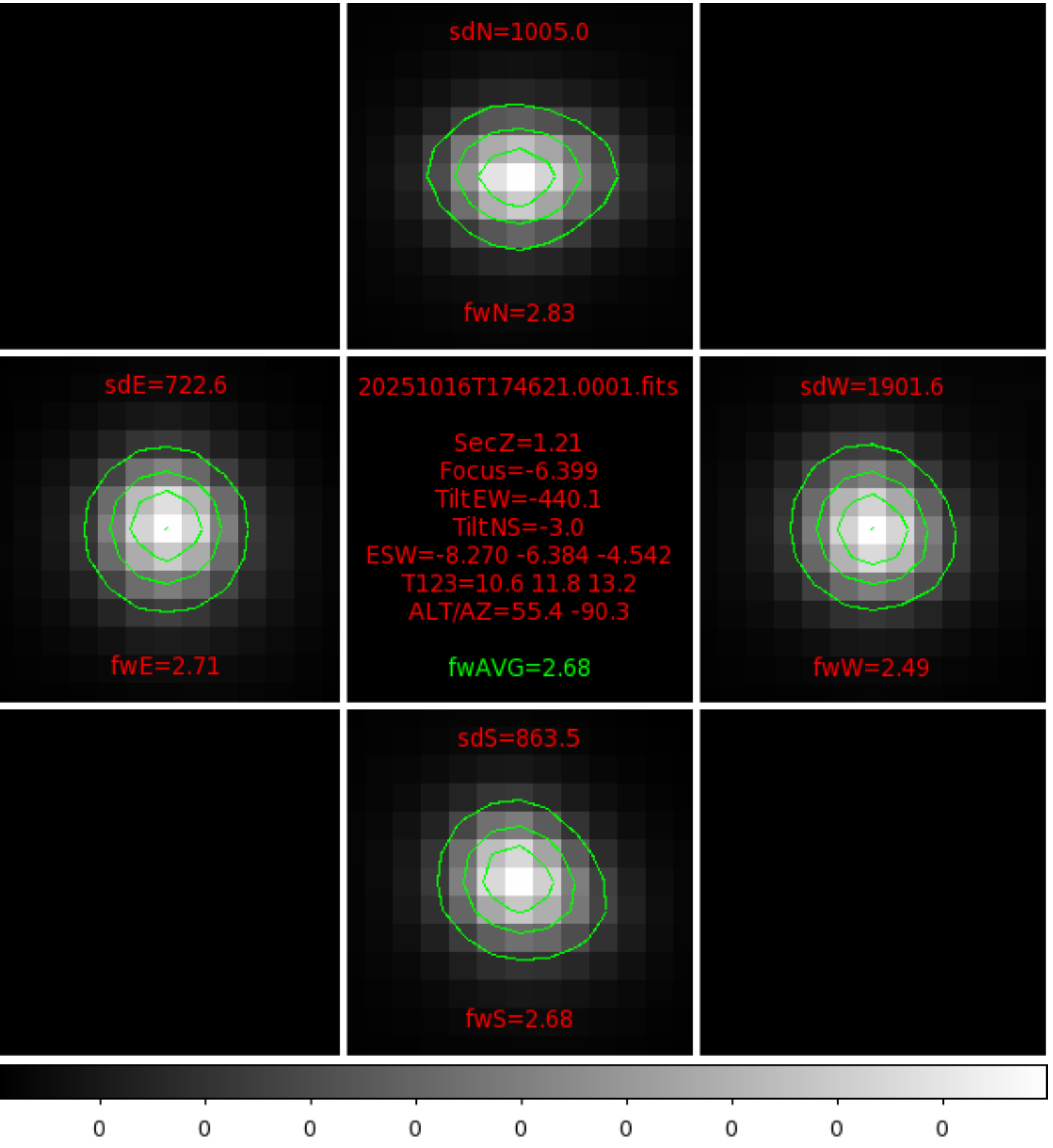
sdN=1005.0
fwN=2.83
sdE=722.6
fwE=2.71
20251016T174621.0001.fits
SecZ=1.21
Focus=-6.399
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.270 -6.384 -4.542
T123=10.6 11.8 13.2
ALT/AZ=55.4 -90.3
fwAVG=2.68
sdW=1901.6
fwW=2.49
sdS=863.5
fwS=2.68
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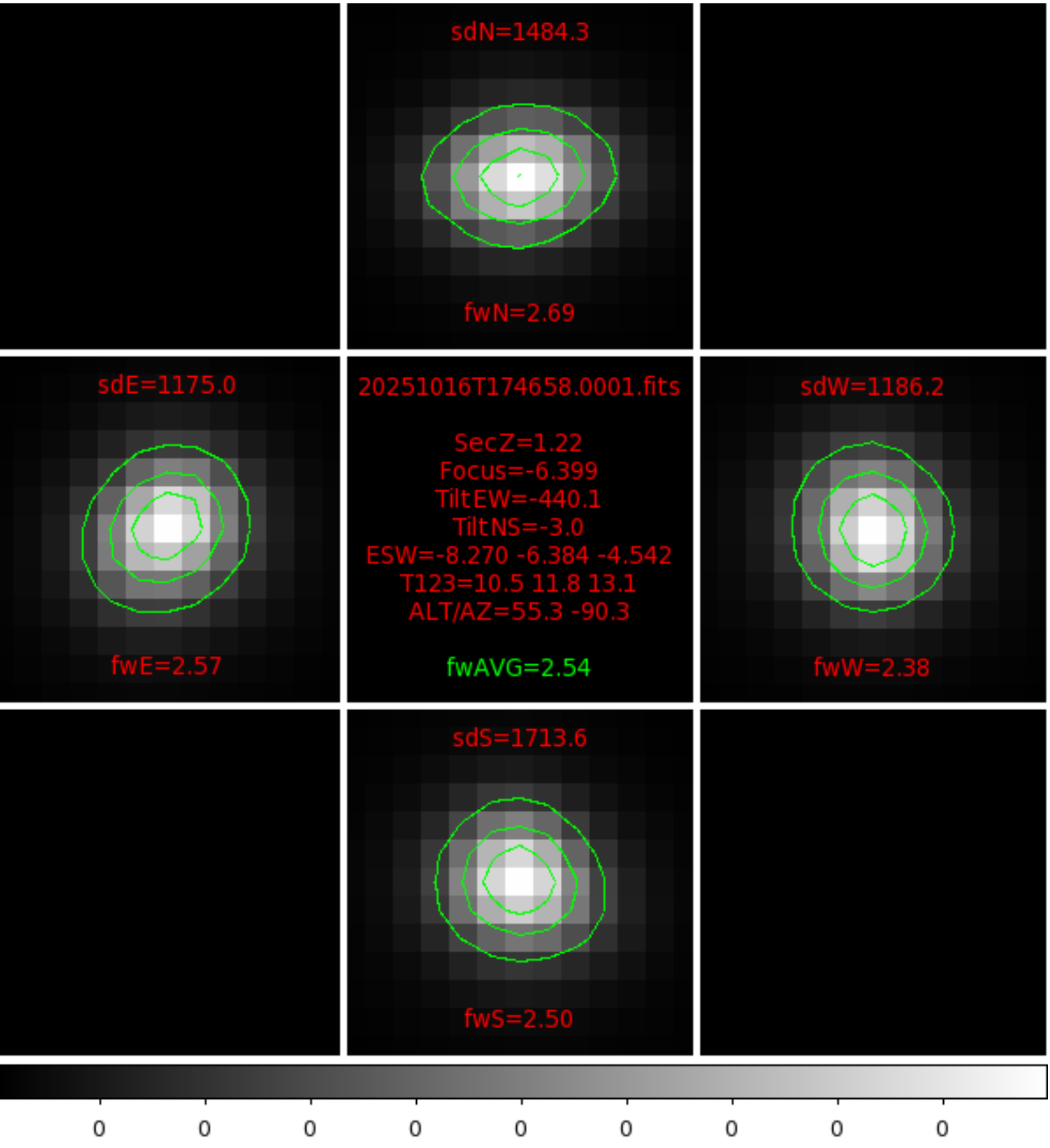
sdN=1484.3
fwN=2.69
sdE=1175.0
fwE=2.57
20251016T174658.0001.fits
SecZ=1.22
Focus=-6.399
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.270 -6.384 -4.542
T123=10.5 11.8 13.1
ALT/AZ=55.3 -90.3
fwAVG=2.54
sdW=1186.2
fwW=2.38
sdS=1713.6
fwS=2.50
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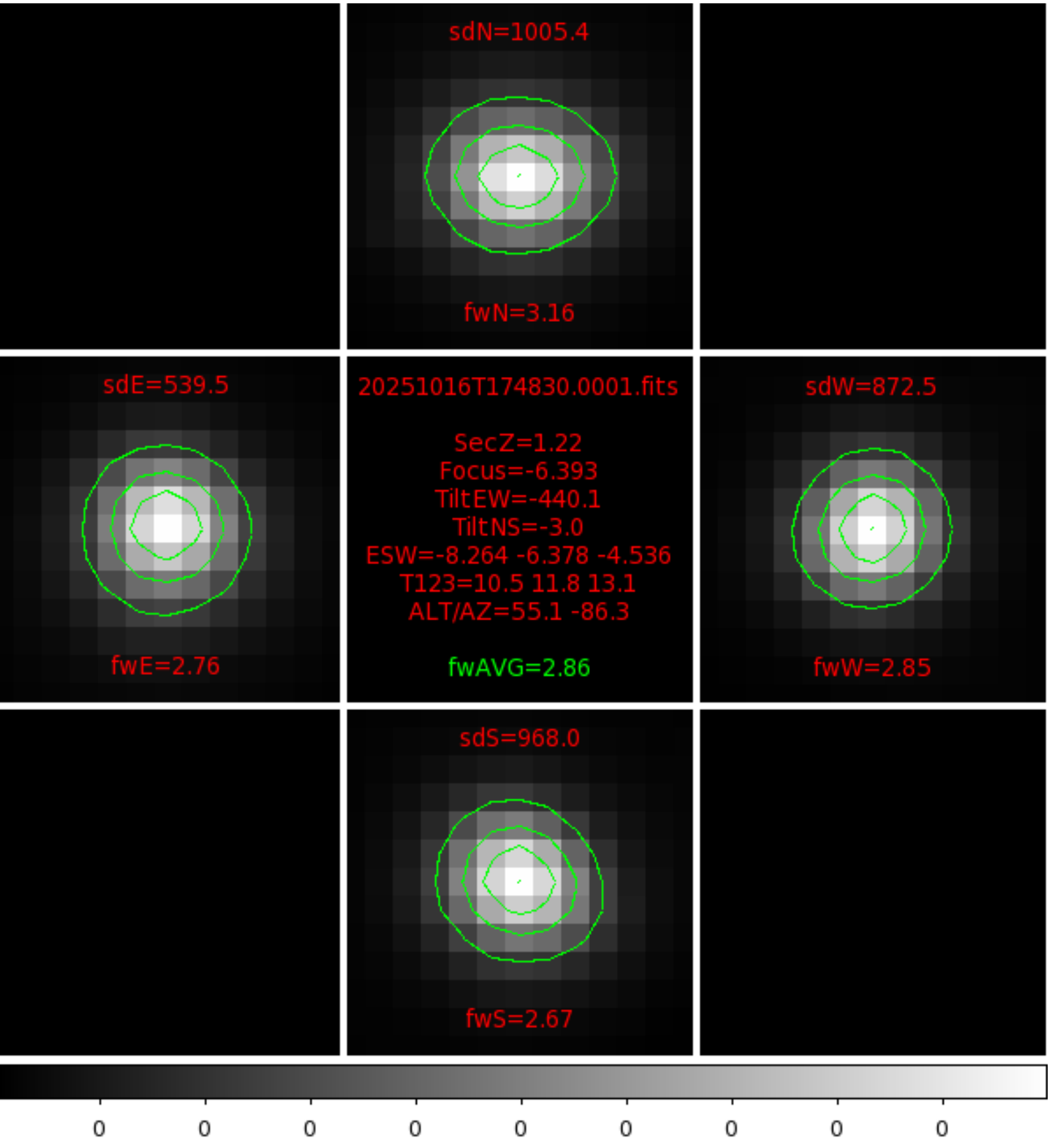
sdN=1005.4
fwN=3.16
sdE=539.5
fwE=2.76
20251016T174830.0001.fits
SecZ=1.22
Focus=-6.393
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.264 -6.378 -4.536
T123=10.5 11.8 13.1
ALT/AZ=55.1 -86.3
fwAVG=2.86
sdW=872.5
fwW=2.85
sdS=968.0
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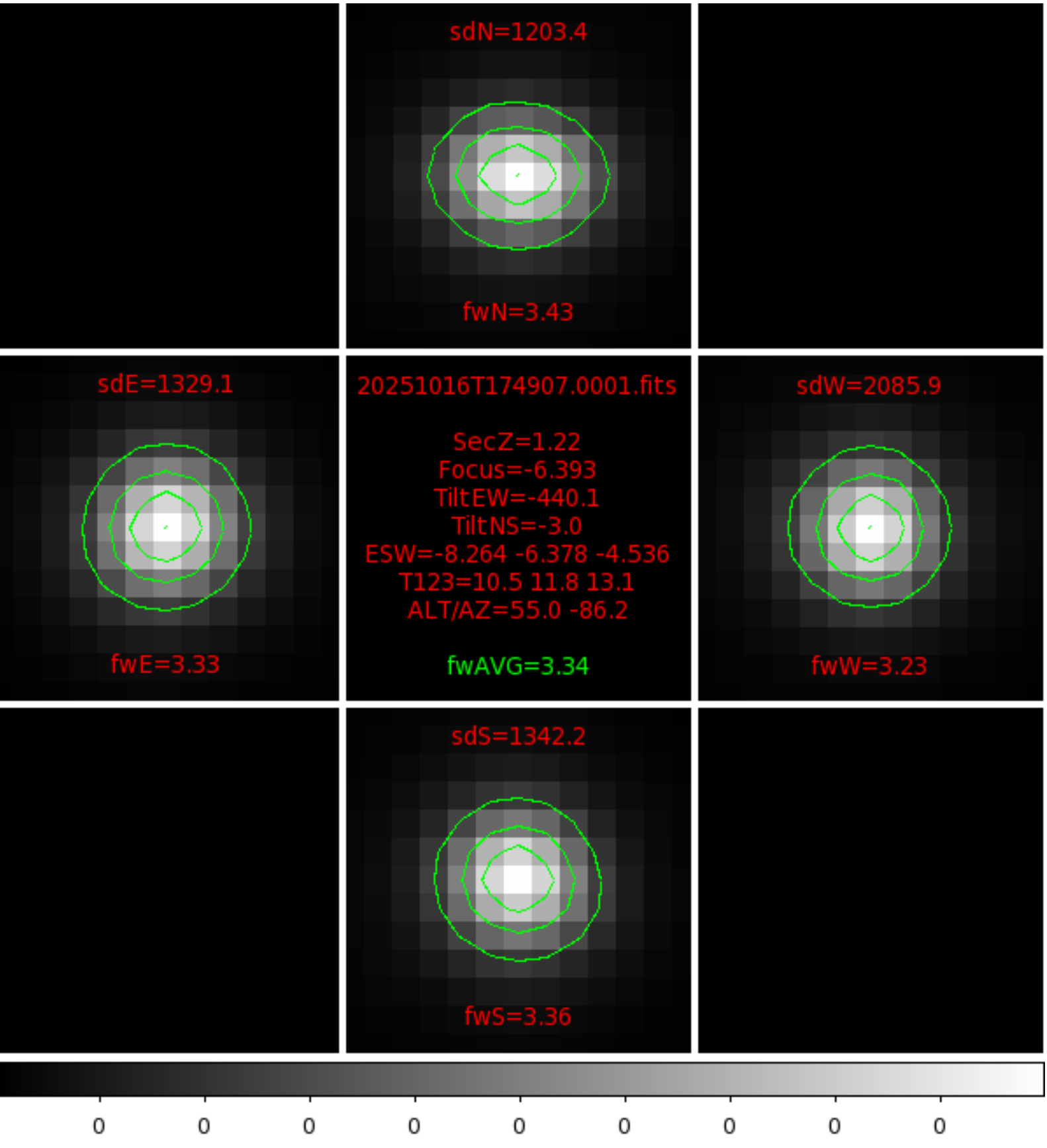
sdN=1203.4
fwN=3.43
sdE=1329.1
fwE=3.33
20251016T174907.0001.fits
SecZ=1.22
Focus=-6.393
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.264 -6.378 -4.536
T123=10.5 11.8 13.1
ALT/AZ=55.0 -86.2
fwAVG=3.34
sdW=2085.9
fwW=3.23
sdS=1342.2
fwS=3.36
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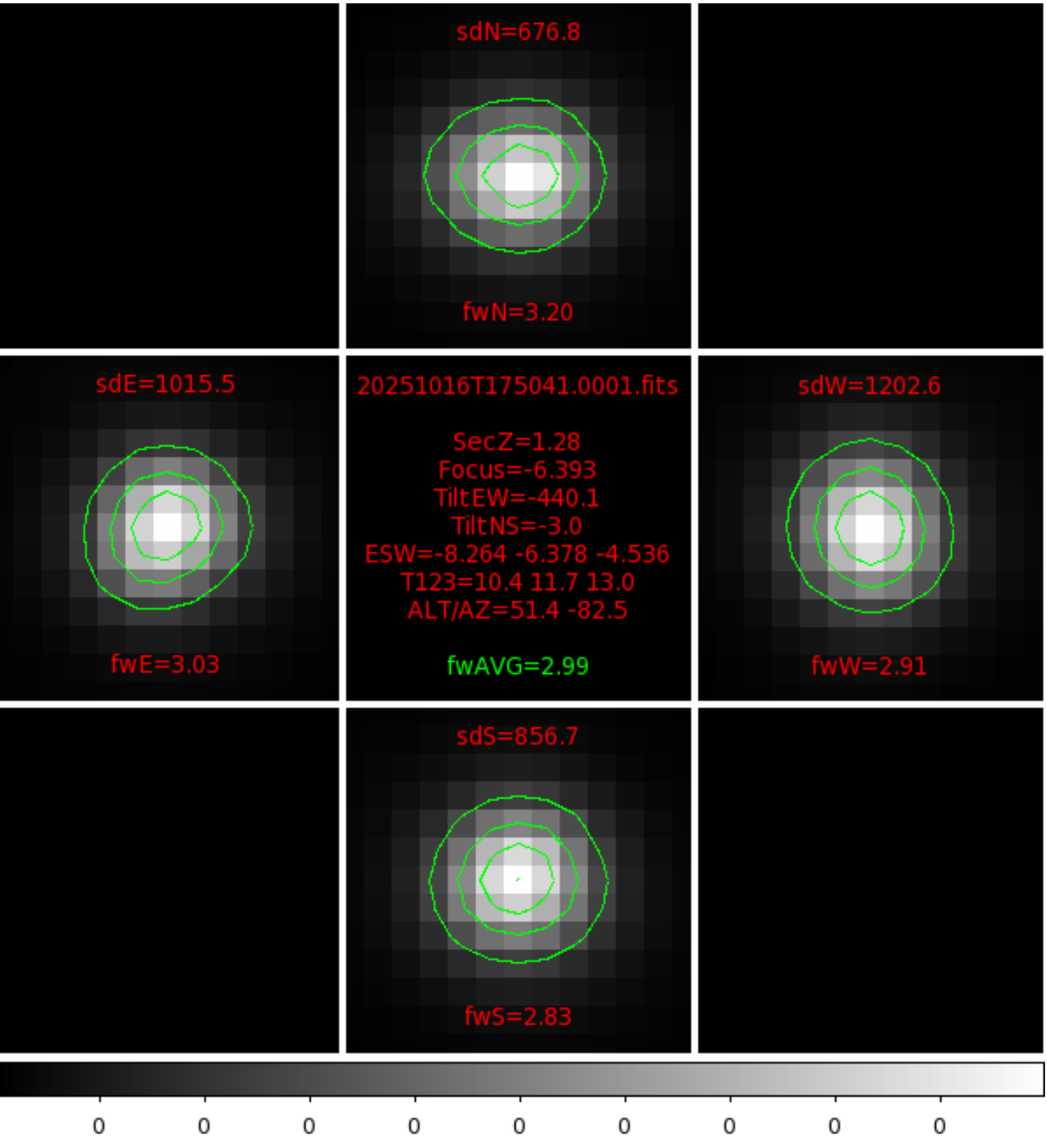
sdN=676.8
fwN=3.20
sdE=1015.5
fwE=3.03
20251016T175041.0001.fits
SecZ=1.28
Focus=-6.393
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.264 -6.378 -4.536
T123=10.4 11.7 13.0
ALT/AZ=51.4 -82.5
fwAVG=2.99
sdW=1202.6
fwW=2.91
sdS=856.7
fwS=2.83
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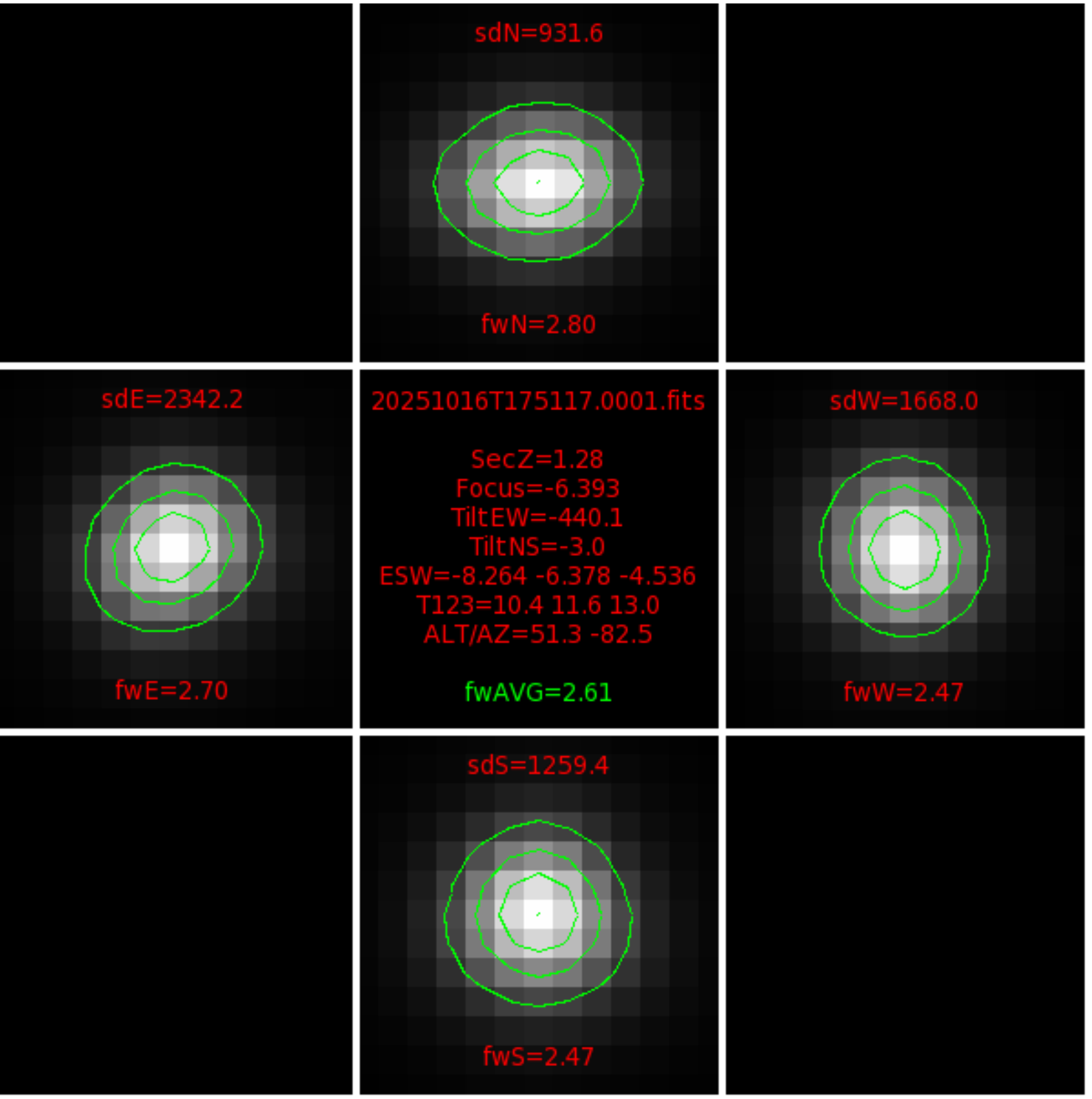
sdN=931.6
fwN=2.80
sdE=2342.2
fwE=2.70
20251016T175117.0001.fits
SecZ=1.28
Focus=-6.393
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.264 -6.378 -4.536
T123=10.4 11.6 13.0
ALT/AZ=51.3 -82.5
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sdW=1668.0
fwW=2.47
sdS=1259.4
fwS=2.47
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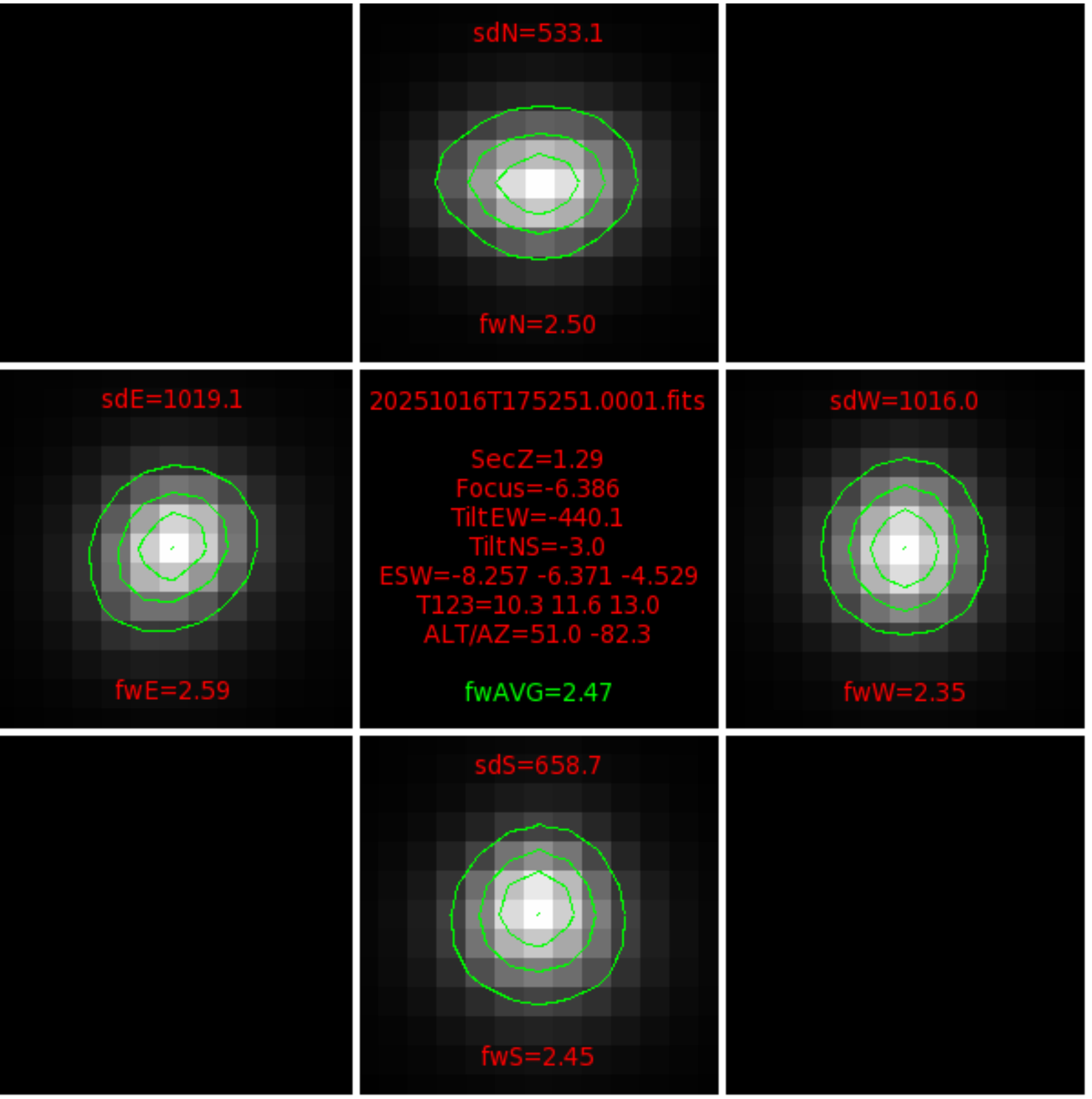
sdN=533.1
fwN=2.50
sdE=1019.1
fwE=2.59
20251016T175251.0001.fits
SecZ=1.29
Focus=-6.386
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.257 -6.371 -4.529
T123=10.3 11.6 13.0
ALT/AZ=51.0 -82.3
fwAVG=2.47
sdW=1016.0
fwW=2.35
sdS=658.7
fwS=2.45
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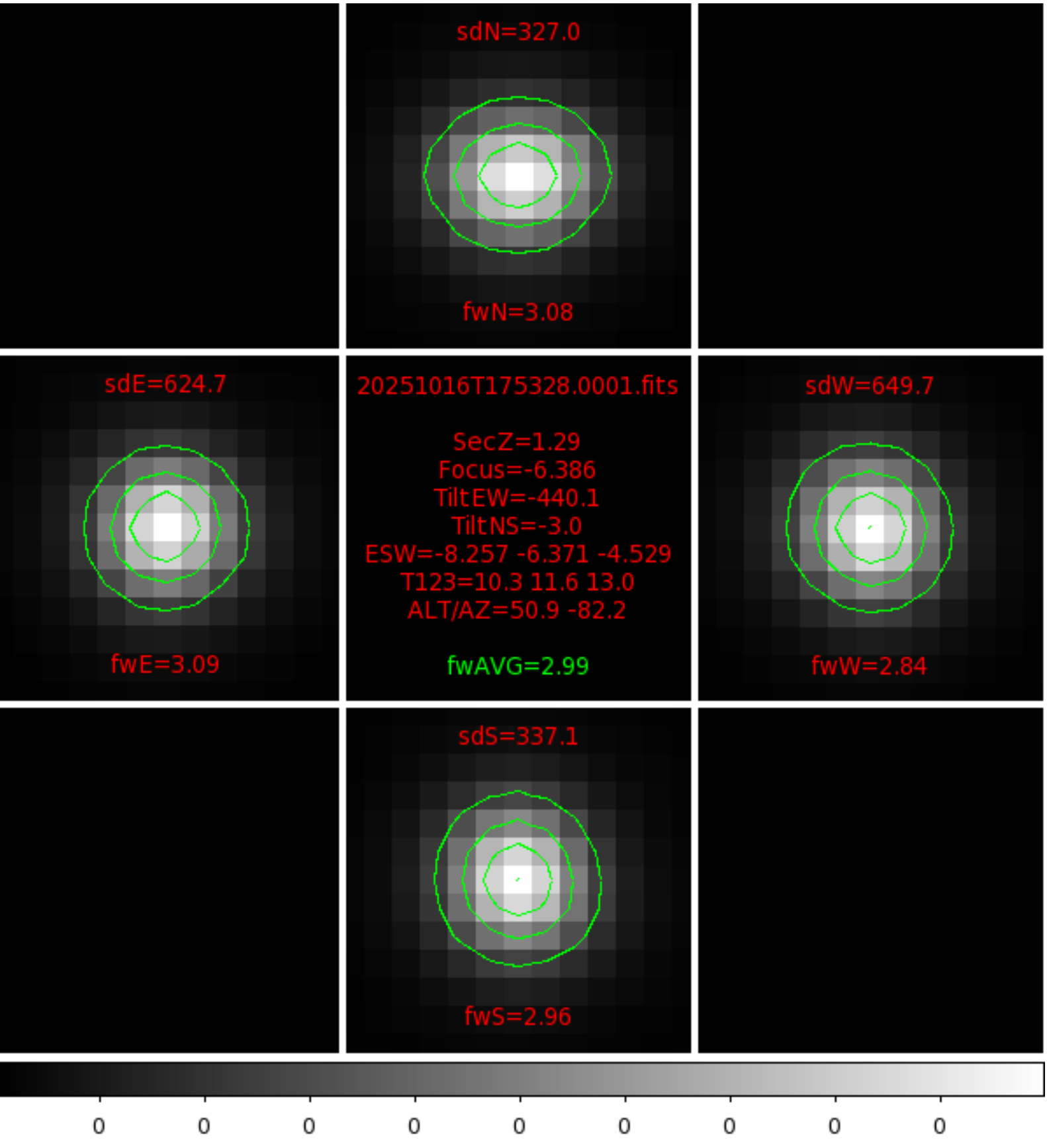
sdN=327.0
fwN=3.08
sdE=624.7
fwE=3.09
20251016T175328.0001.fits
SecZ=1.29
Focus=-6.386
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.257 -6.371 -4.529
T123=10.3 11.6 13.0
ALT/AZ=50.9 -82.2
fwAVG=2.99
sdW=649.7
fwW=2.84
sdS=337.1
fwS=2.96
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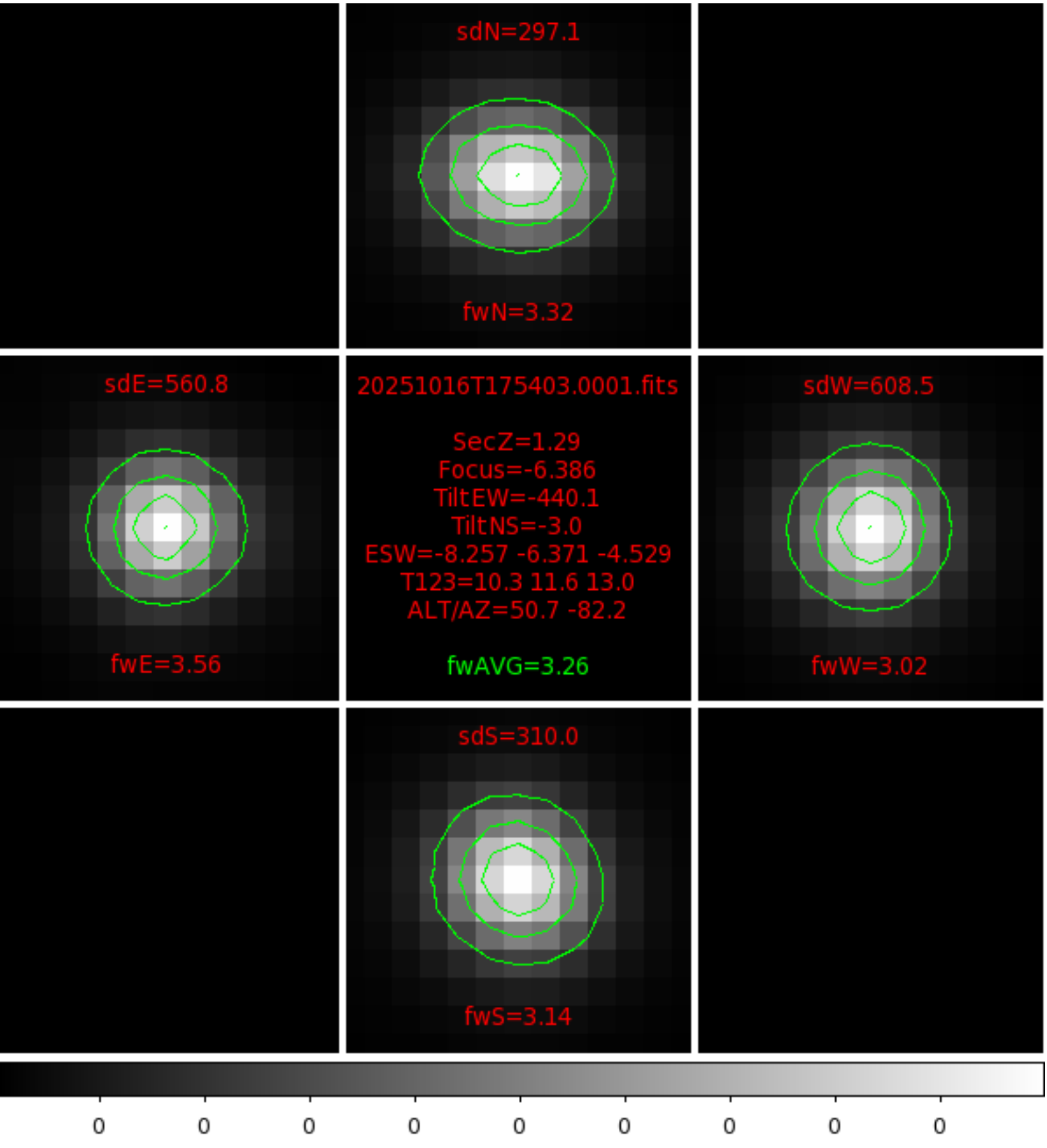
sdN=297.1
fwN=3.32
sdE=560.8
fwE=3.56
20251016T175403.0001.fits
SecZ=1.29
Focus=-6.386
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.257 -6.371 -4.529
T123=10.3 11.6 13.0
ALT/AZ=50.7 -82.2
fwAVG=3.26
sdW=608.5
fwW=3.02
sdS=310.0
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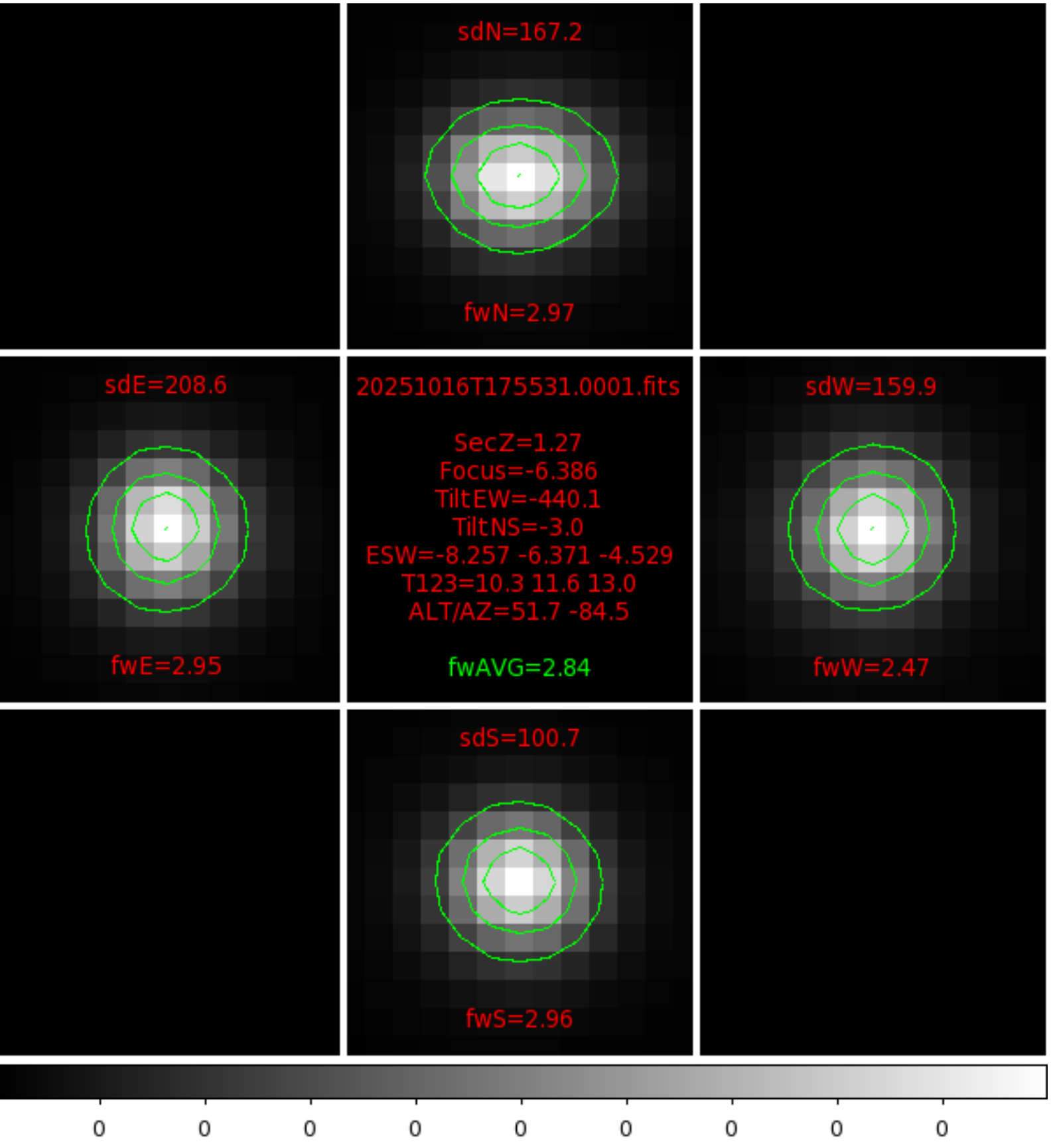
sdN=167.2
fwN=2.97
sdE=208.6
fwE=2.95
20251016T175531.0001.fits
SecZ=1.27
Focus=-6.386
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.257 -6.371 -4.529
T123=10.3 11.6 13.0
ALT/AZ=51.7 -84.5
fwAVG=2.84
sdW=159.9
fwW=2.47
sdS=100.7
fwS=2.96
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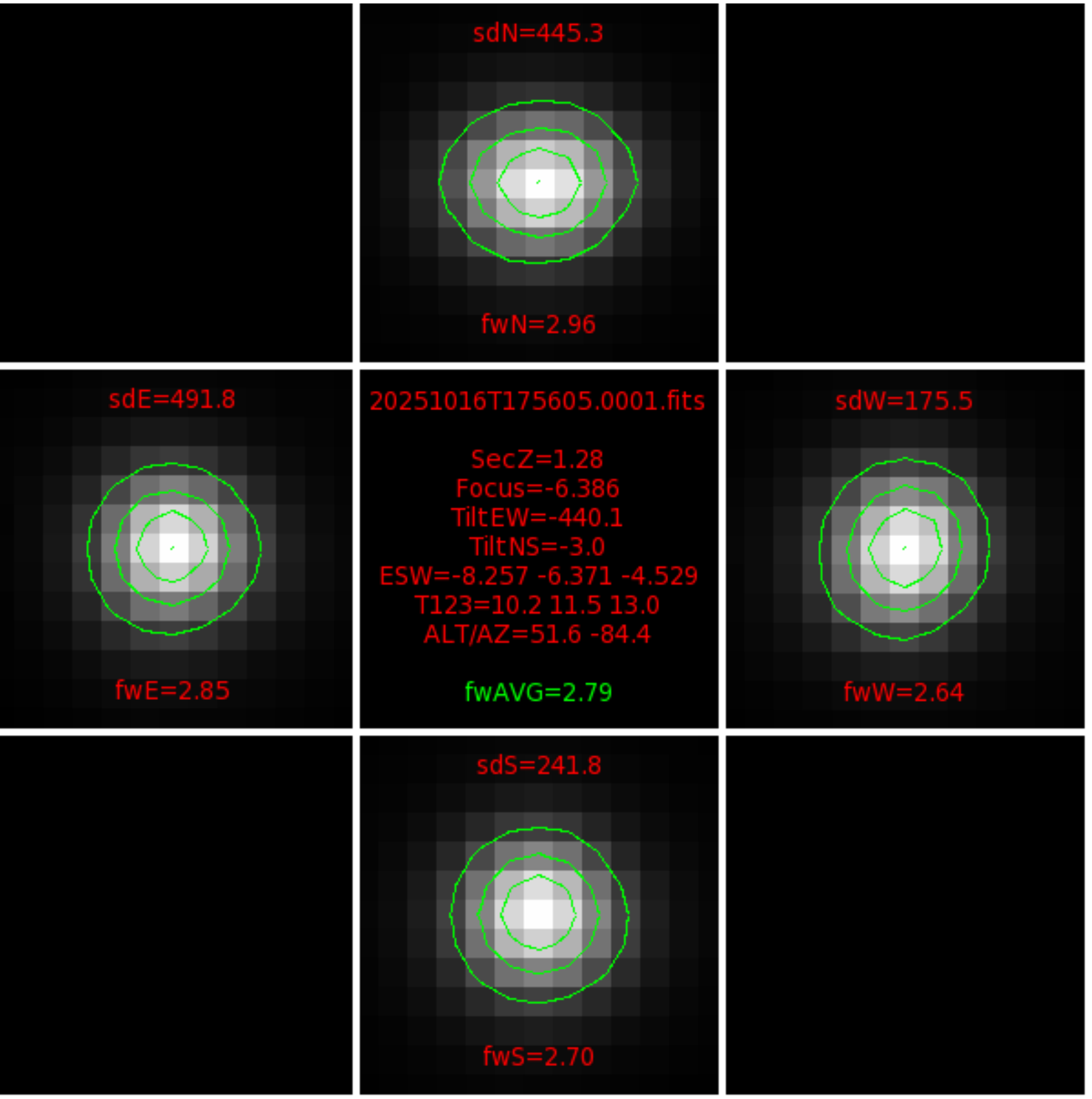
sdN=445.3
fwN=2.96
sdE=491.8
fwE=2.85
20251016T175605.0001.fits
SecZ=1.28
Focus=-6.386
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.257 -6.371 -4.529
T123=10.2 11.5 13.0
ALT/AZ=51.6 -84.4
fwAVG=2.79
sdW=175.5
fwW=2.64
sdS=241.8
fwS=2.70
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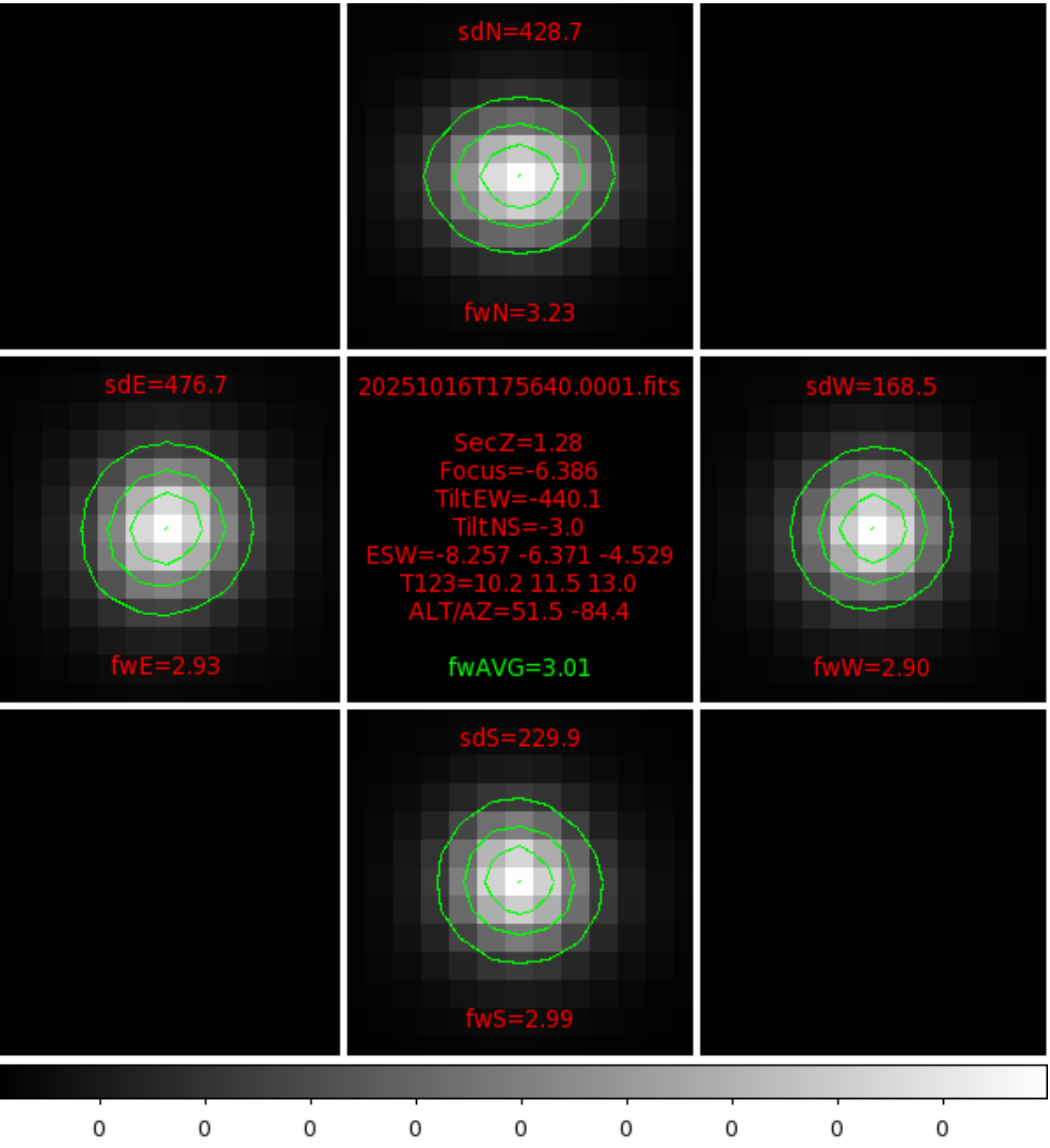
sdN=428.7
fwN=3.23
sdE=476.7
fwE=2.93
20251016T175640.0001.fits
SecZ=1.28
Focus=-6.386
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.257 -6.371 -4.529
T123=10.2 11.5 13.0
ALT/AZ=51.5 -84.4
fwAVG=3.01
sdW=168.5
fwW=2.90
sdS=229.9
fwS=2.99
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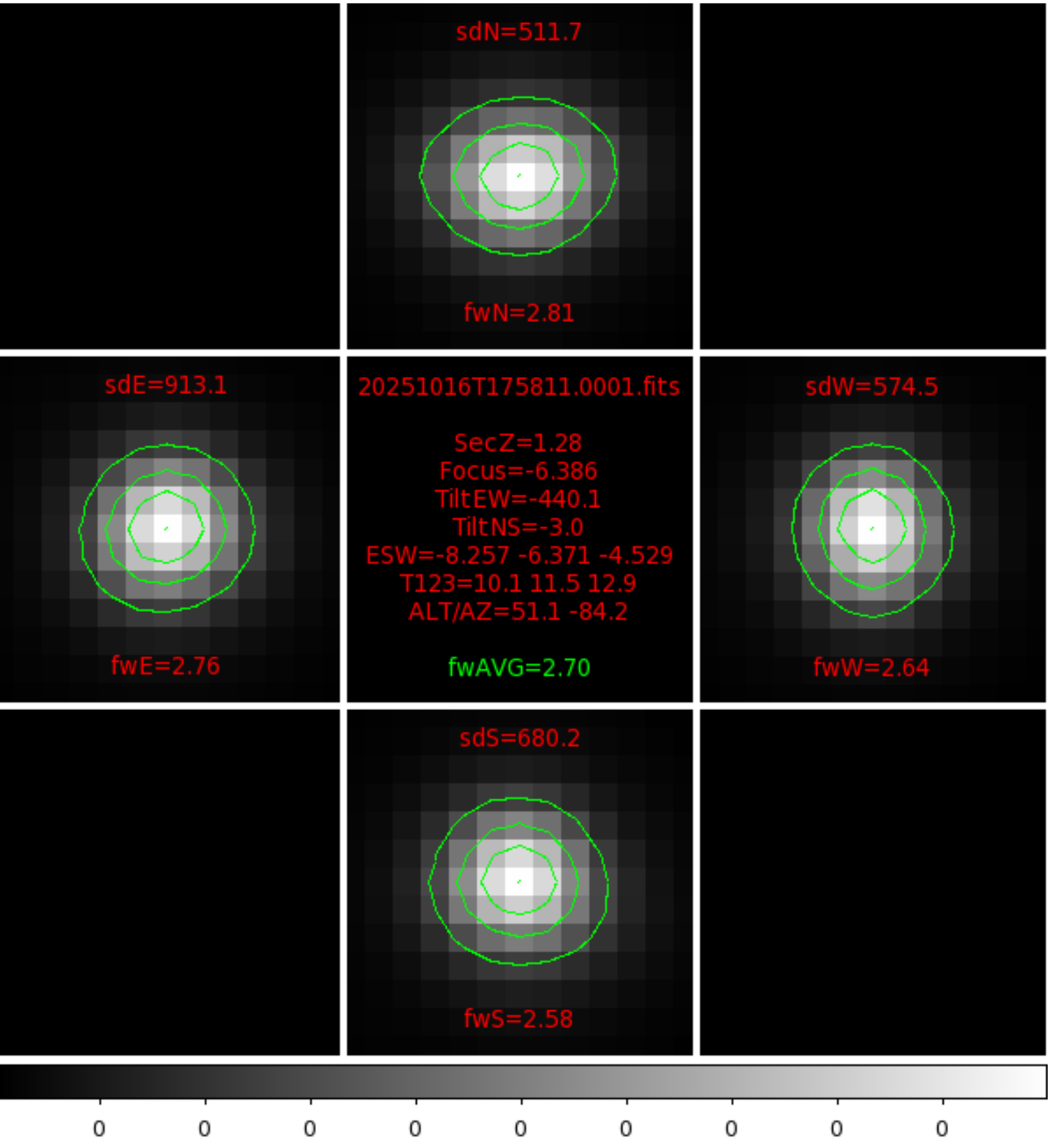
sdN=511.7
fwN=2.81
sdE=913.1
fwE=2.76
20251016T175811.0001.fits
SecZ=1.28
Focus=-6.386
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.257 -6.371 -4.529
T123=10.1 11.5 12.9
ALT/AZ=51.1 -84.2
fwAVG=2.70
sdW=574.5
fwW=2.64
sdS=680.2
fwS=2.58
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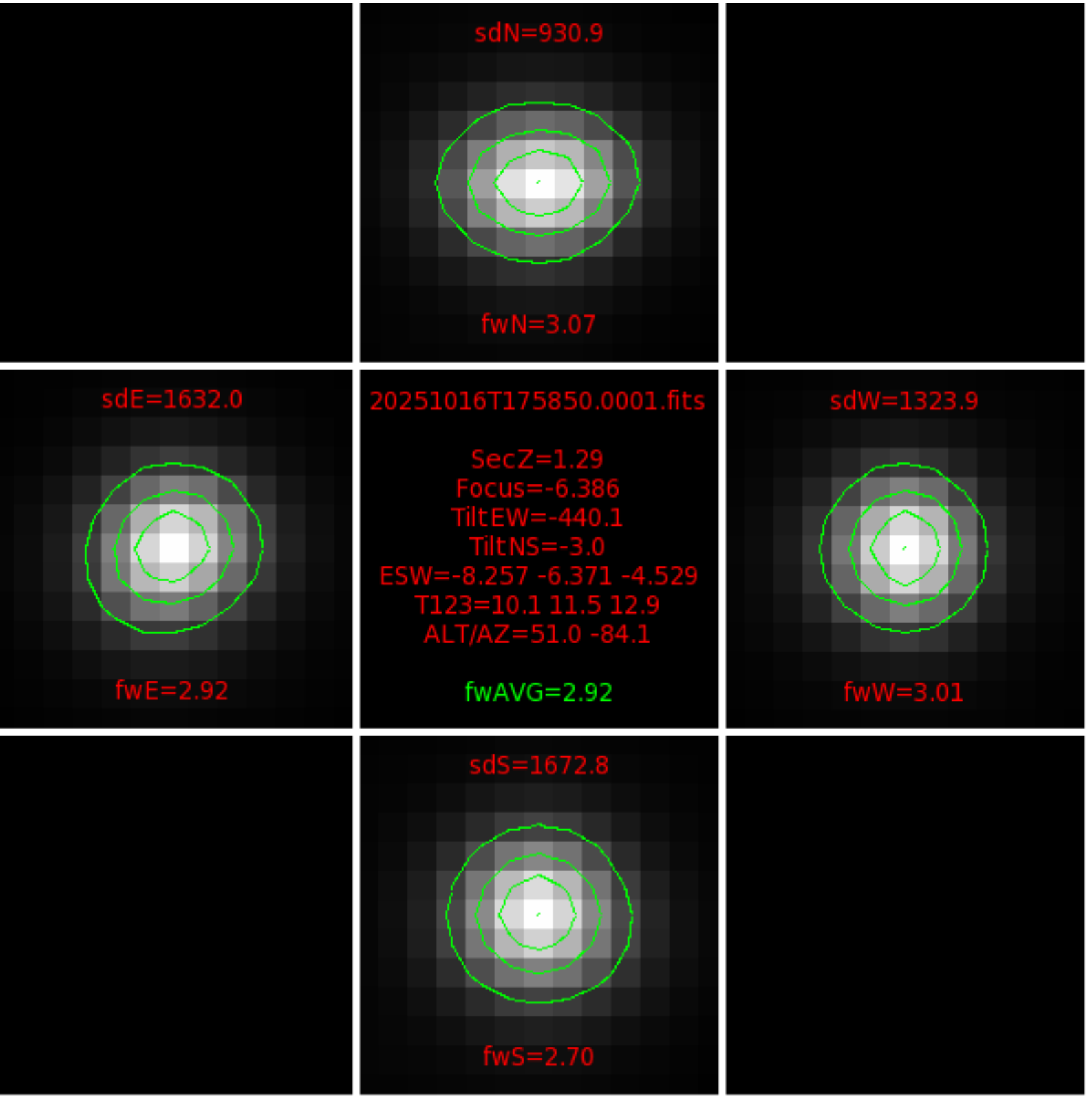
sdN=930.9
fwN=3.07
sdE=1632.0
fwE=2.92
20251016T175850.0001.fits
SecZ=1.29
Focus=-6.386
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.257 -6.371 -4.529
T123=10.1 11.5 12.9
ALT/AZ=51.0 -84.1
fwAVG=2.92
sdW=1323.9
fwW=3.01
sdS=1672.8
fwS=2.70
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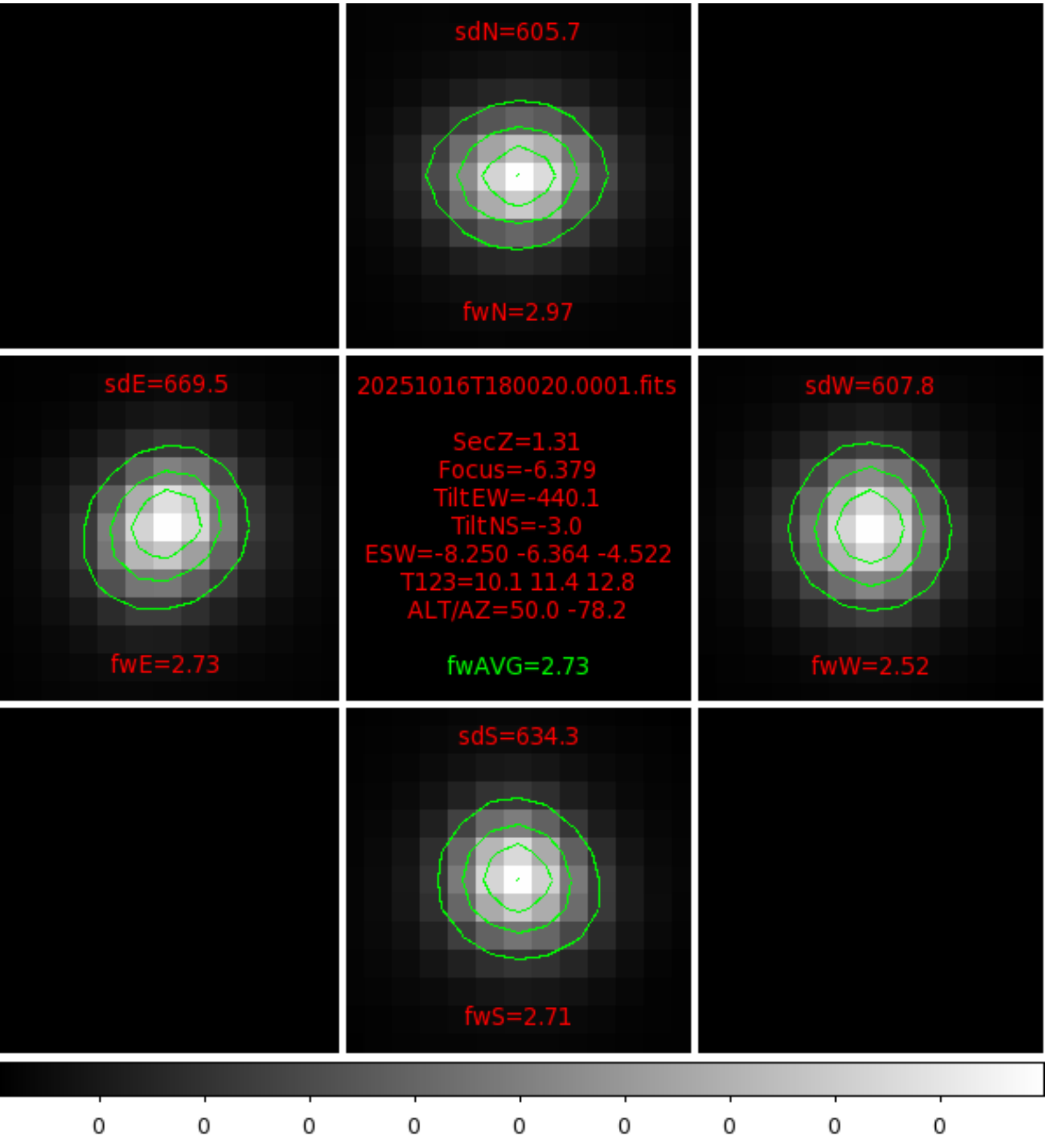
sdN=605.7
fwN=2.97
sdE=669.5
fwE=2.73
20251016T180020.0001.fits
SecZ=1.31
Focus=-6.379
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.250 -6.364 -4.522
T123=10.1 11.4 12.8
ALT/AZ=50.0 -78.2
fwAVG=2.73
sdW=607.8
fwW=2.52
sdS=634.3
fwS=2.71
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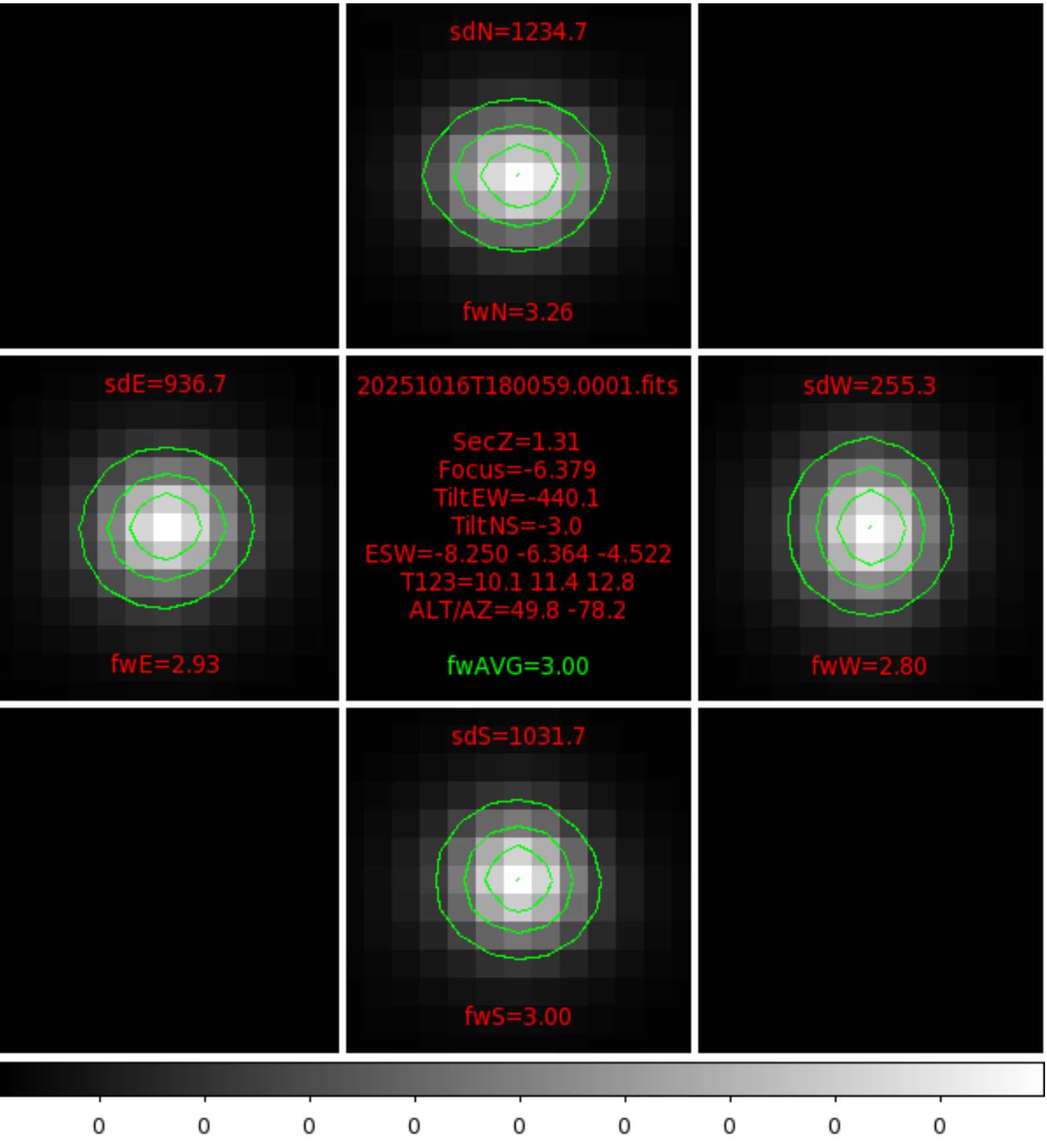
sdN=1234.7
fwN=3.26
sdE=936.7
fwE=2.93
20251016T180059.0001.fits
SecZ=1.31
Focus=-6.379
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.250 -6.364 -4.522
T123=10.1 11.4 12.8
ALT/AZ=49.8 -78.2
fwAVG=3.00
sdW=255.3
fwW=2.80
sdS=1031.7
fwS=3.00
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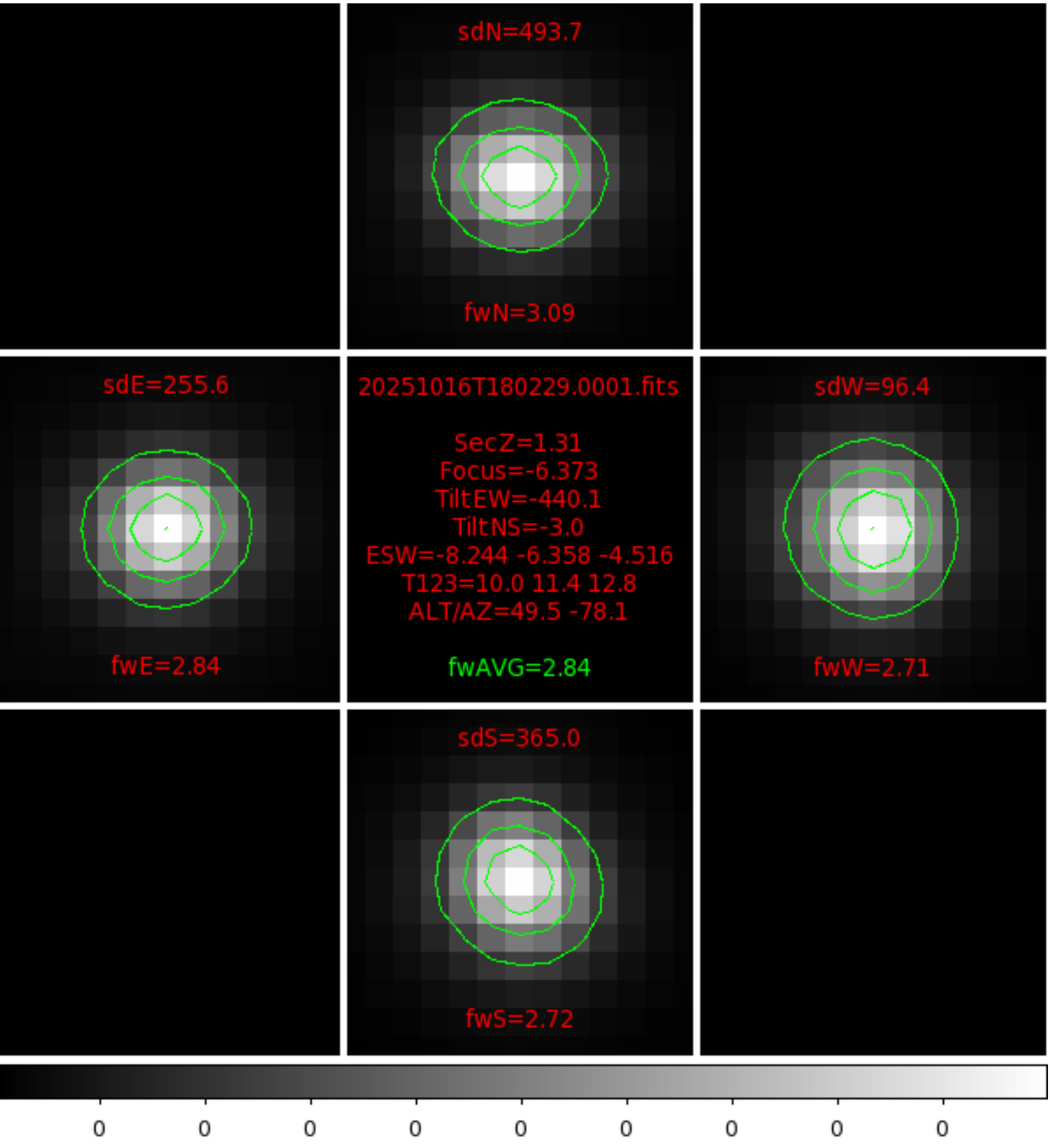
sdN=493.7
fwN=3.09
sdE=255.6
fwE=2.84
20251016T180229.0001.fits
SecZ=1.31
Focus=-6.373
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.244 -6.358 -4.516
T123=10.0 11.4 12.8
ALT/AZ=49.5 -78.1
fwAVG=2.84
sdW=96.4
fwW=2.71
sdS=365.0
fwS=2.72
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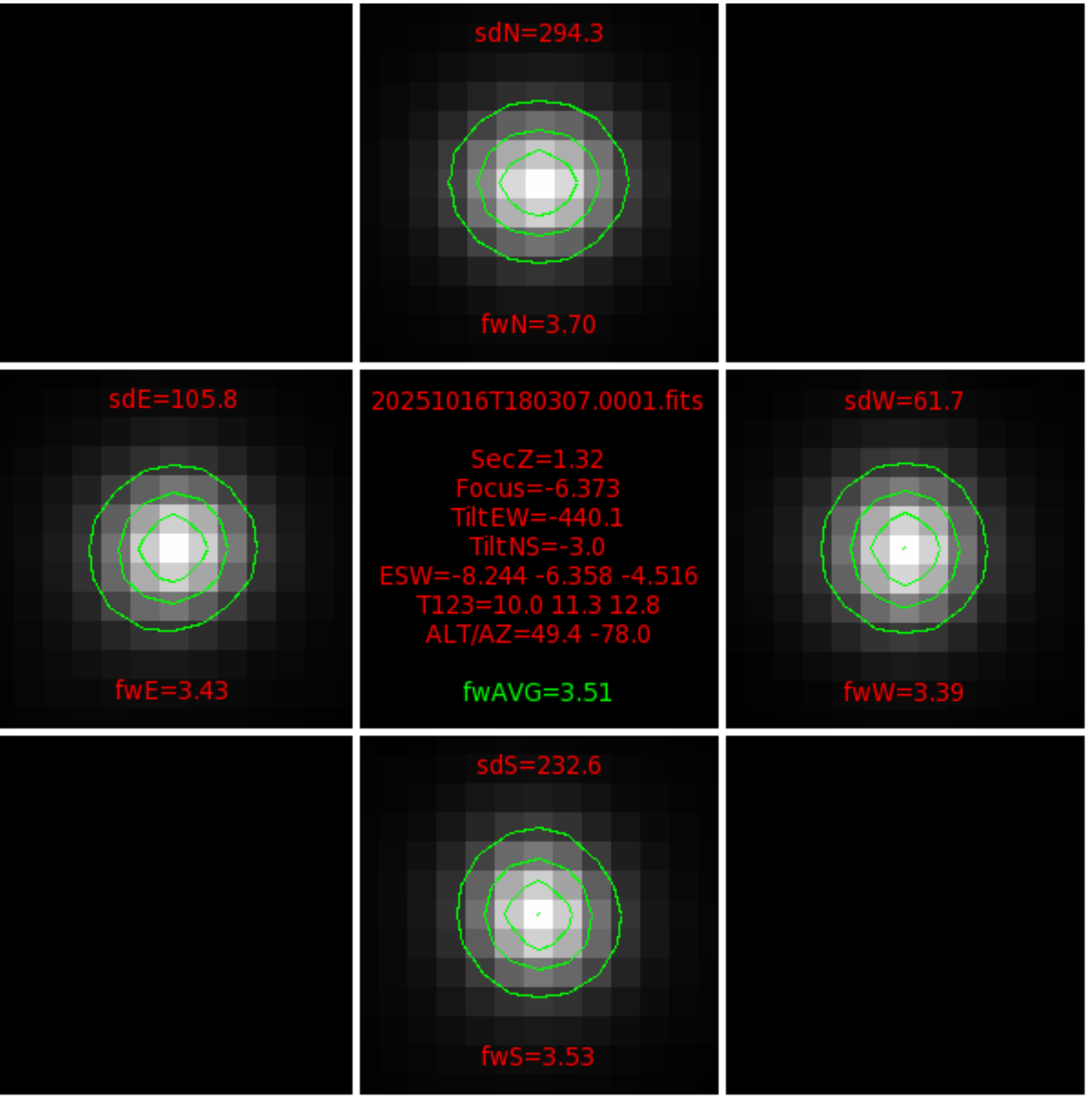
sdN=294.3
fwN=3.70
sdE=105.8
fwE=3.43
20251016T180307.0001.fits
SecZ=1.32
Focus=-6.373
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.244 -6.358 -4.516
T123=10.0 11.3 12.8
ALT/AZ=49.4 -78.0
fwAVG=3.51
sdW=61.7
fwW=3.39
sdS=232.6
fwS=3.53
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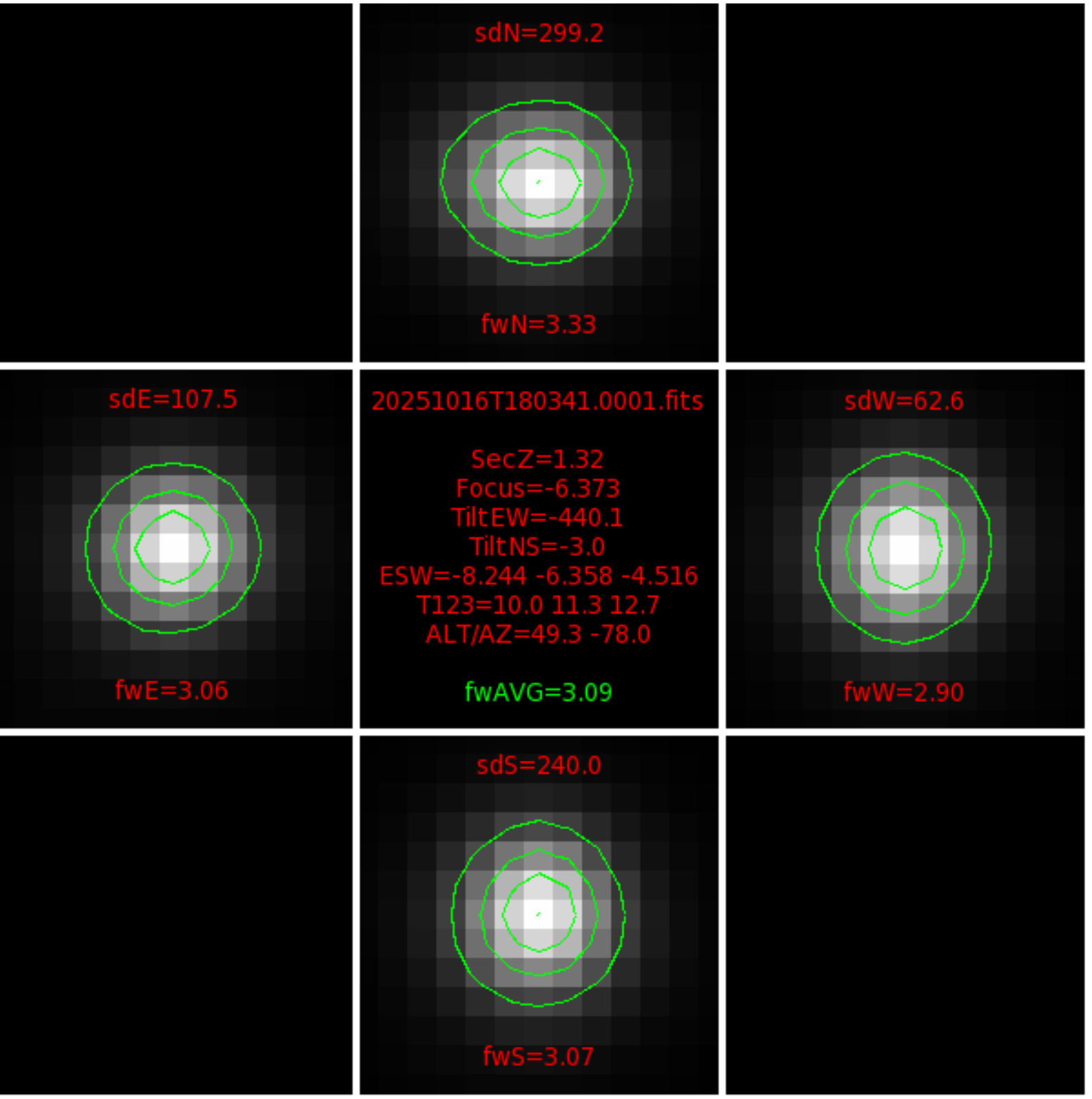
sdN=299.2
fwN=3.33
sdE=107.5
fwE=3.06
20251016T180341.0001.fits
SecZ=1.32
Focus=-6.373
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.244 -6.358 -4.516
T123=10.0 11.3 12.7
ALT/AZ=49.3 -78.0
fwAVG=3.09
sdW=62.6
fwW=2.90
sdS=240.0
fwS=3.07
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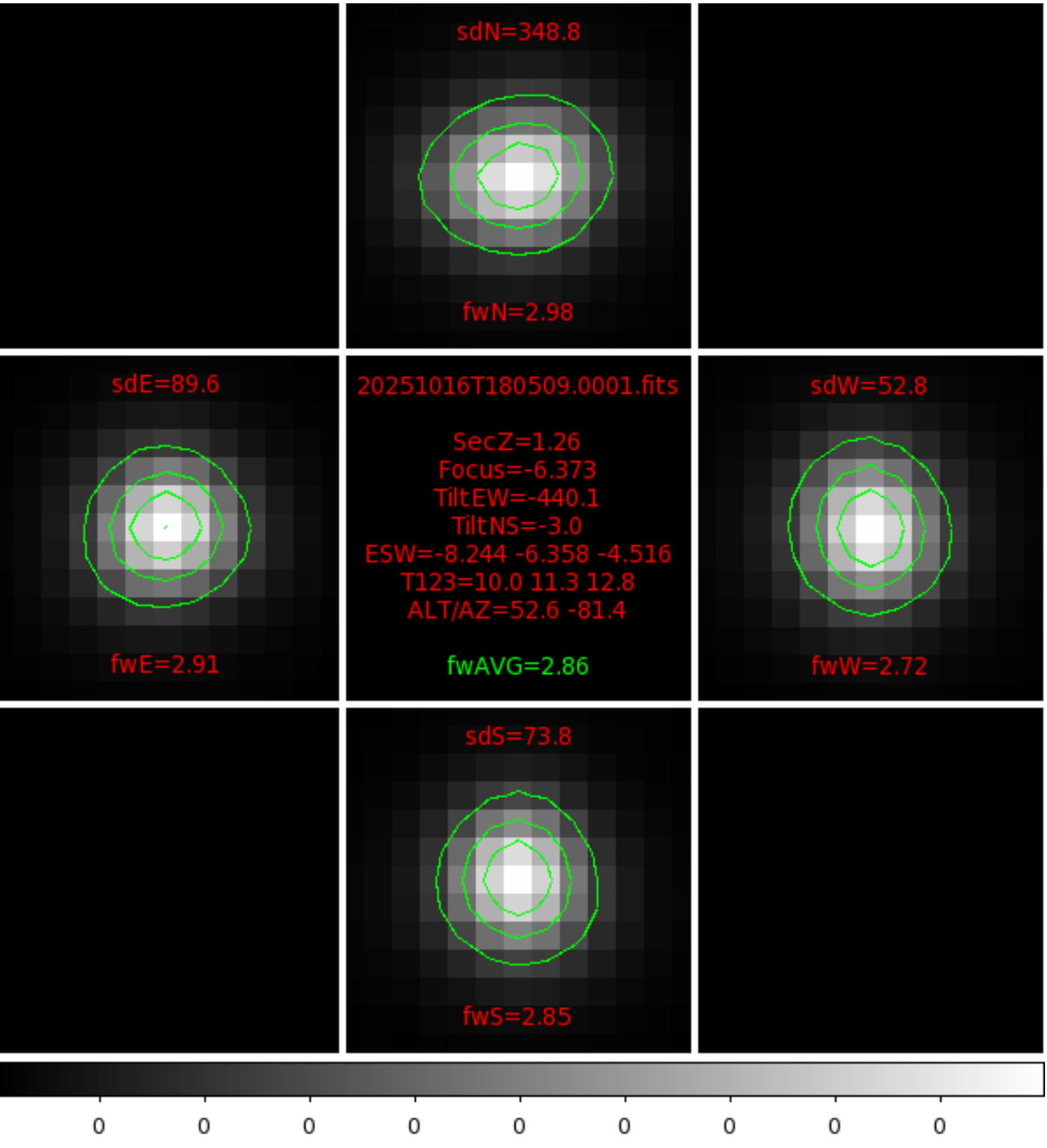
sdN=348.8
fwN=2.98
sdE=89.6
fwE=2.91
20251016T180509.0001.fits
SecZ=1.26
Focus=-6.373
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.244 -6.358 -4.516
T123=10.0 11.3 12.8
ALT/AZ=52.6 -81.4
fwAVG=2.86
sdW=52.8
fwW=2.72
sdS=73.8
fwS=2.85
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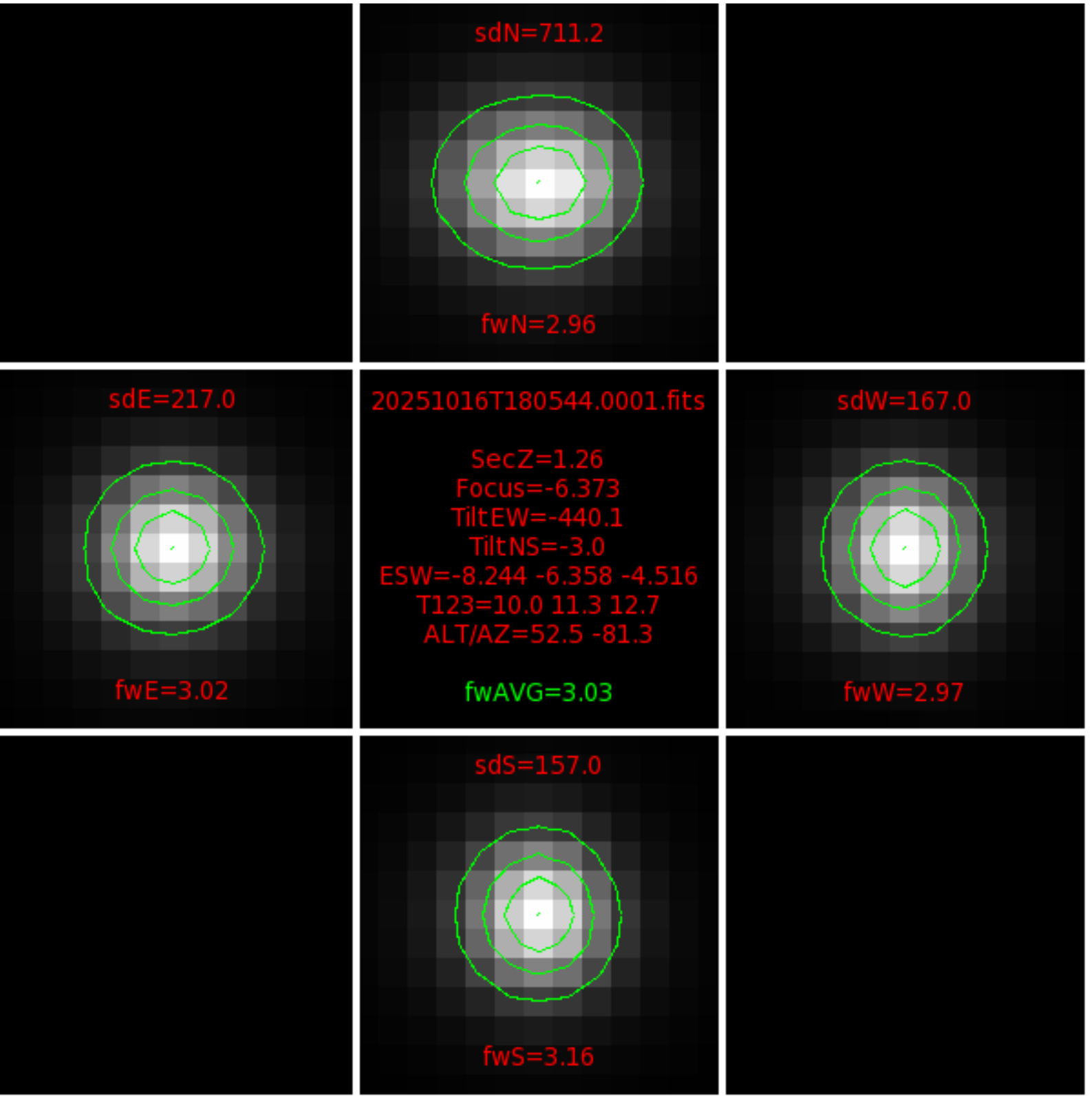
sdN=711.2
fwN=2.96
sdE=217.0
fwE=3.02
20251016T180544.0001.fits
SecZ=1.26
Focus=-6.373
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.244 -6.358 -4.516
T123=10.0 11.3 12.7
ALT/AZ=52.5 -81.3
fwAVG=3.03
sdW=167.0
fwW=2.97
sdS=157.0
fwS=3.16
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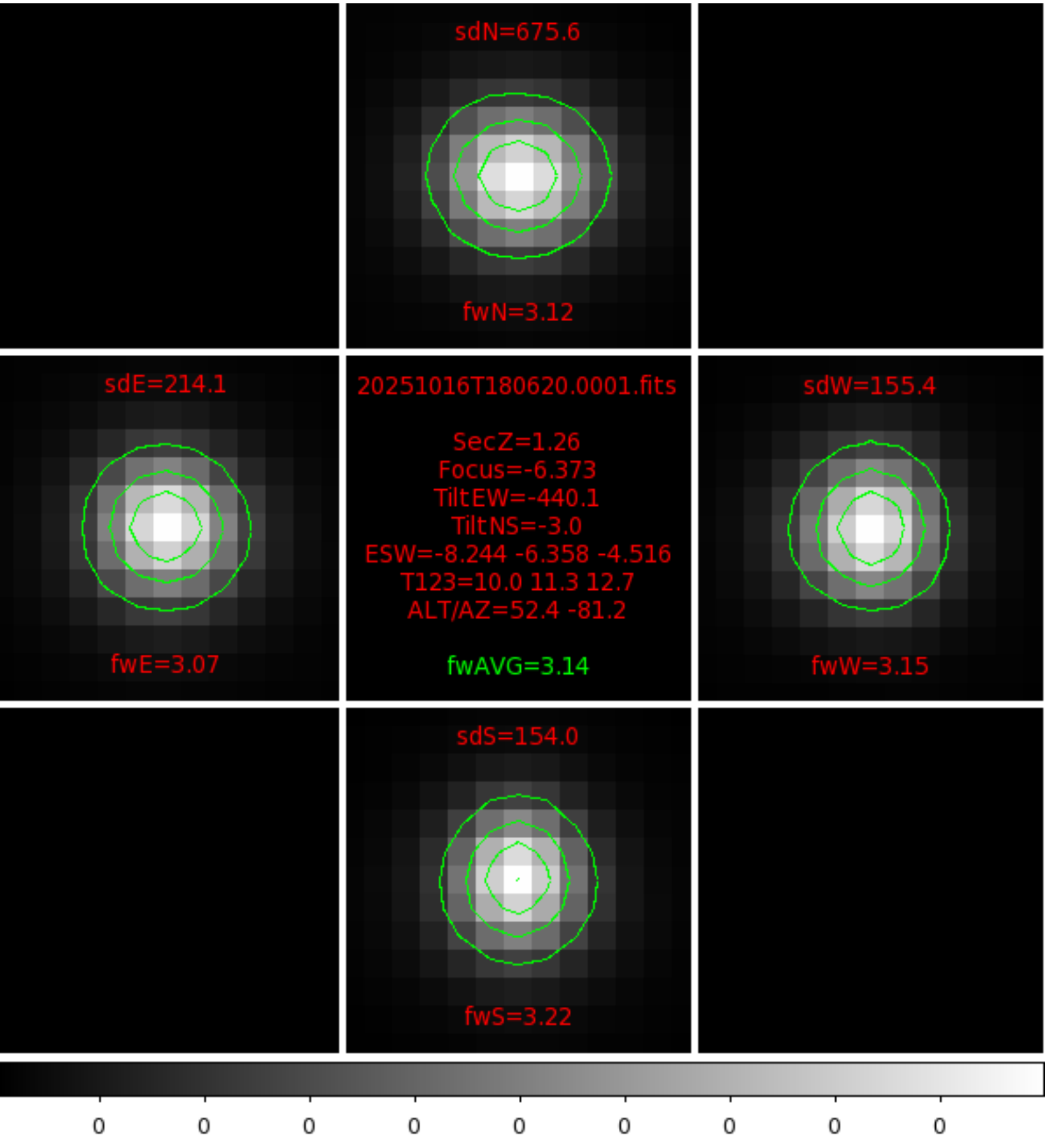
sdN=675.6
fwN=3.12
sdE=214.1
fwE=3.07
20251016T180620.0001.fits
SecZ=1.26
Focus=-6.373
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.244 -6.358 -4.516
T123=10.0 11.3 12.7
ALT/AZ=52.4 -81.2
fwAVG=3.14
sdW=155.4
fwW=3.15
sdS=154.0
fwS=3.22
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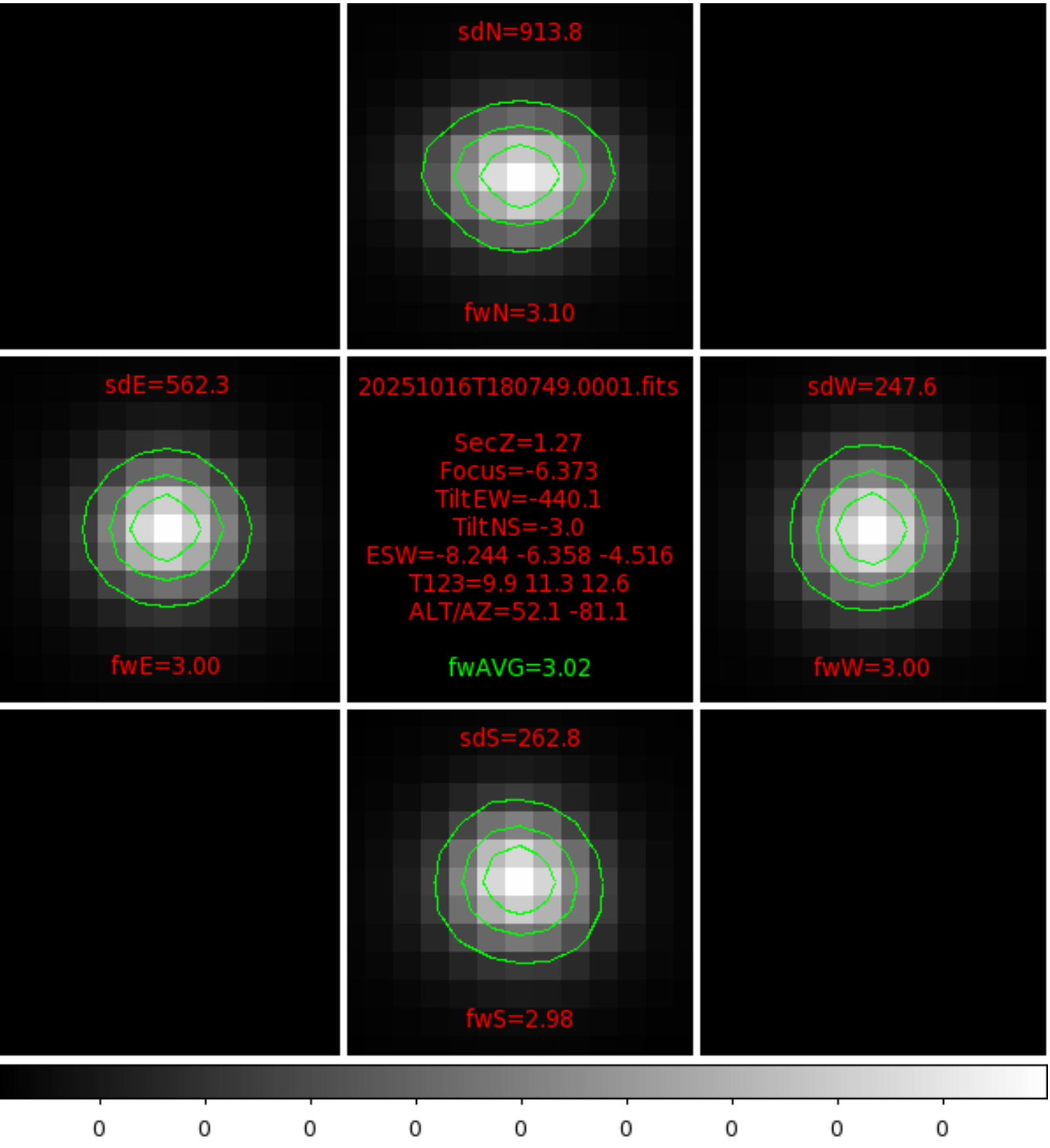
sdN=913.8
fwN=3.10
sdE=562.3
fwE=3.00
20251016T180749.0001.fits
SecZ=1.27
Focus=-6.373
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.244 -6.358 -4.516
T123=9.9 11.3 12.6
ALT/AZ=52.1 -81.1
fwAVG=3.02
sdW=247.6
fwW=3.00
sdS=262.8
fwS=2.98
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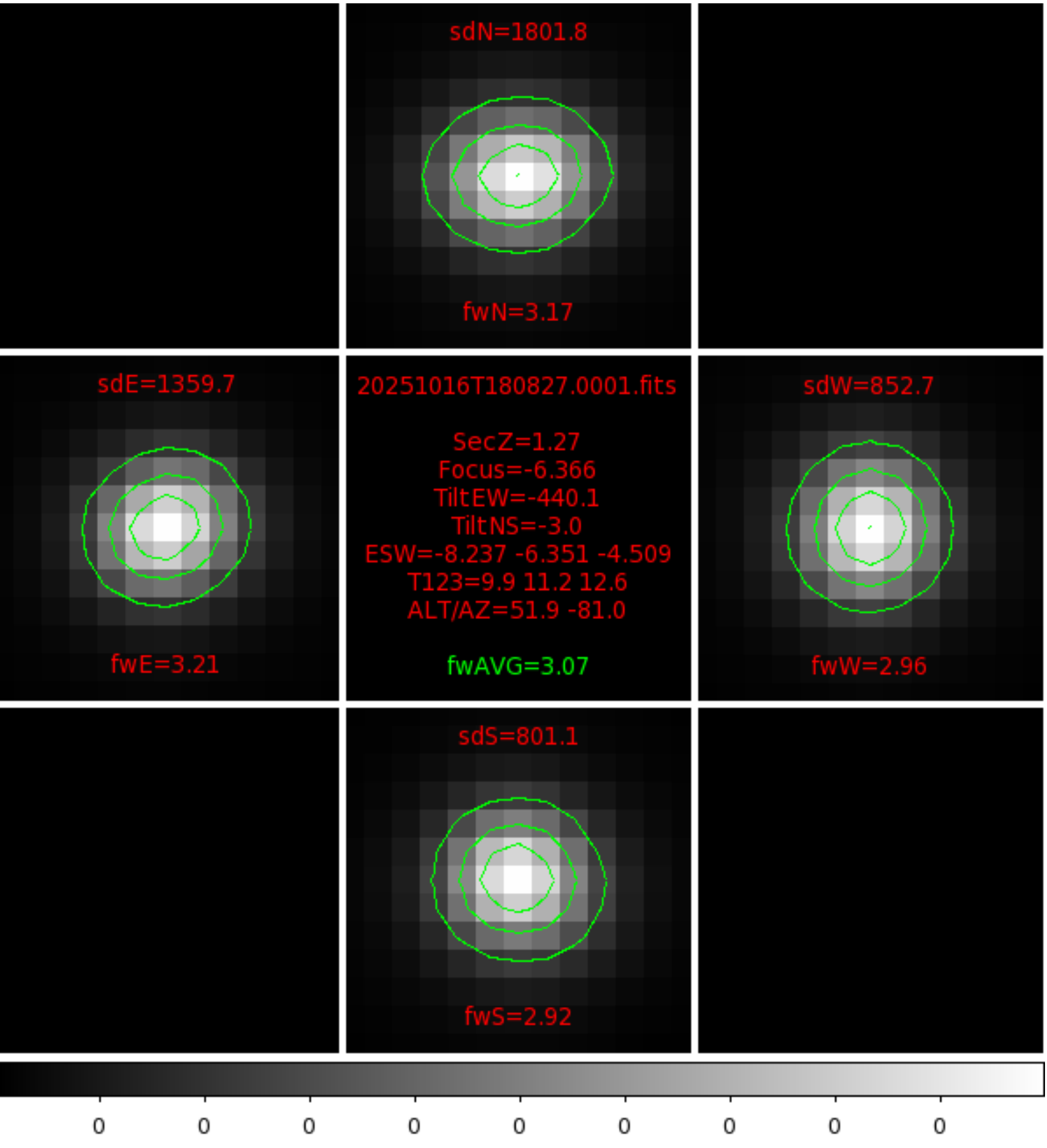
sdN=1801.8
fwN=3.17
sdE=1359.7
fwE=3.21
20251016T180827.0001.fits
SecZ=1.27
Focus=-6.366
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.237 -6.351 -4.509
T123=9.9 11.2 12.6
ALT/AZ=51.9 -81.0
fwAVG=3.07
sdW=852.7
fwW=2.96
sdS=801.1
fwS=2.92
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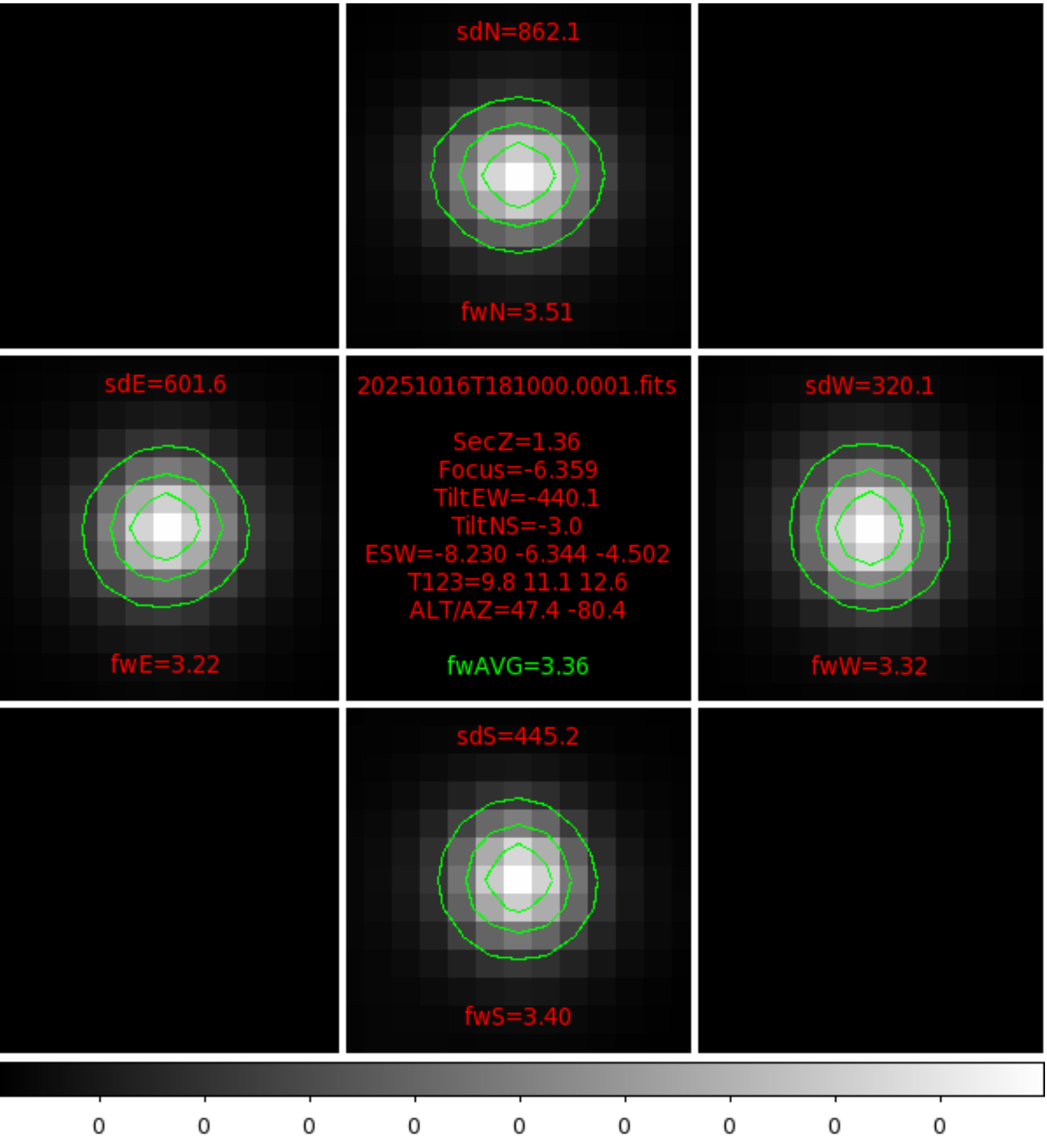
sdN=862.1
fwN=3.51
sdE=601.6
fwE=3.22
20251016T181000.0001.fits
SecZ=1.36
Focus=-6.359
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.230 -6.344 -4.502
T123=9.8 11.1 12.6
ALT/AZ=47.4 -80.4
fwAVG=3.36
sdW=320.1
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sdS=445.2
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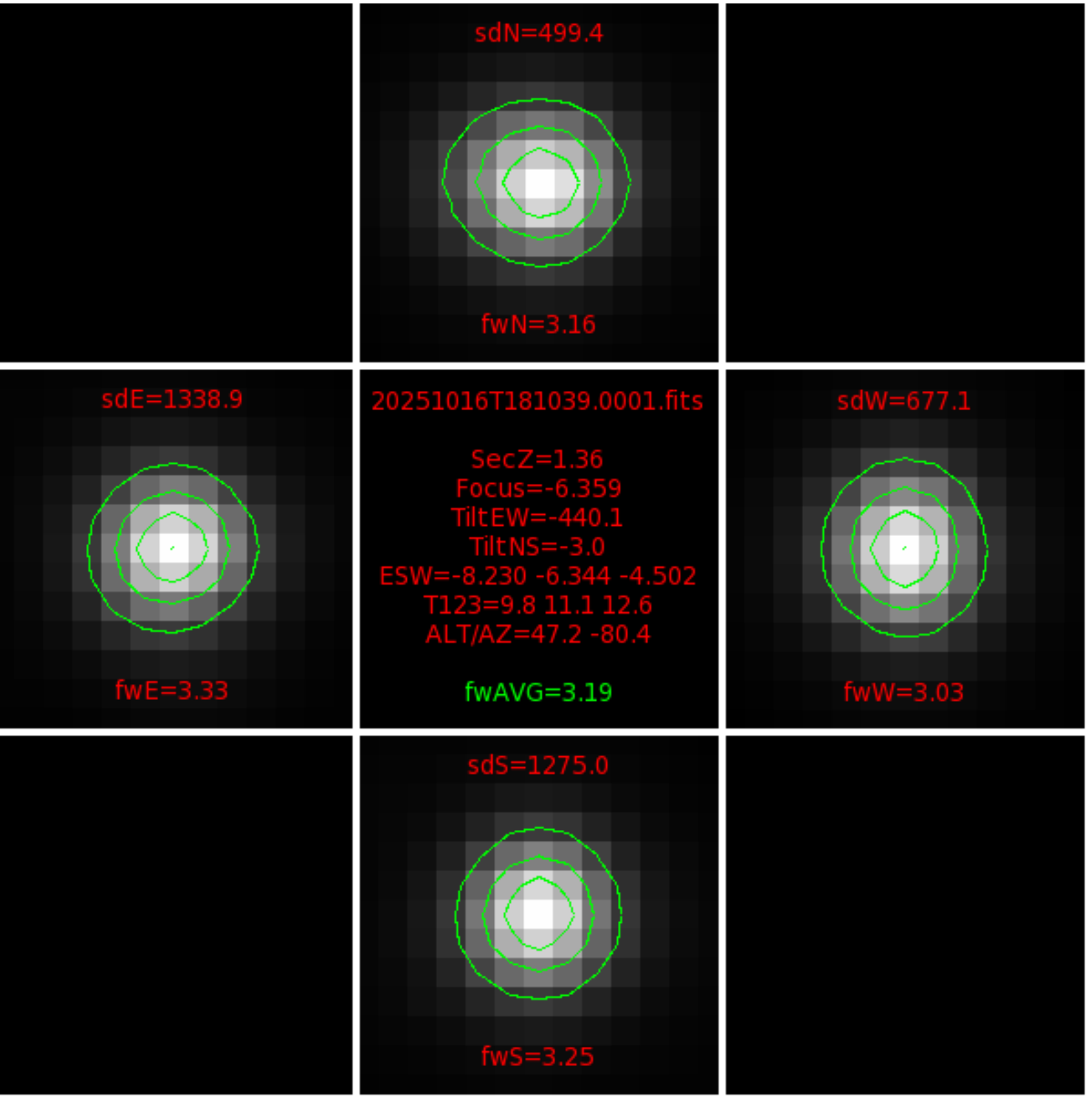
sdN=499.4
fwN=3.16
sdE=1338.9
fwE=3.33
20251016T181039.0001.fits
SecZ=1.36
Focus=-6.359
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.230 -6.344 -4.502
T123=9.8 11.1 12.6
ALT/AZ=47.2 -80.4
fwAVG=3.19
sdW=677.1
fwW=3.03
sdS=1275.0
fwS=3.25
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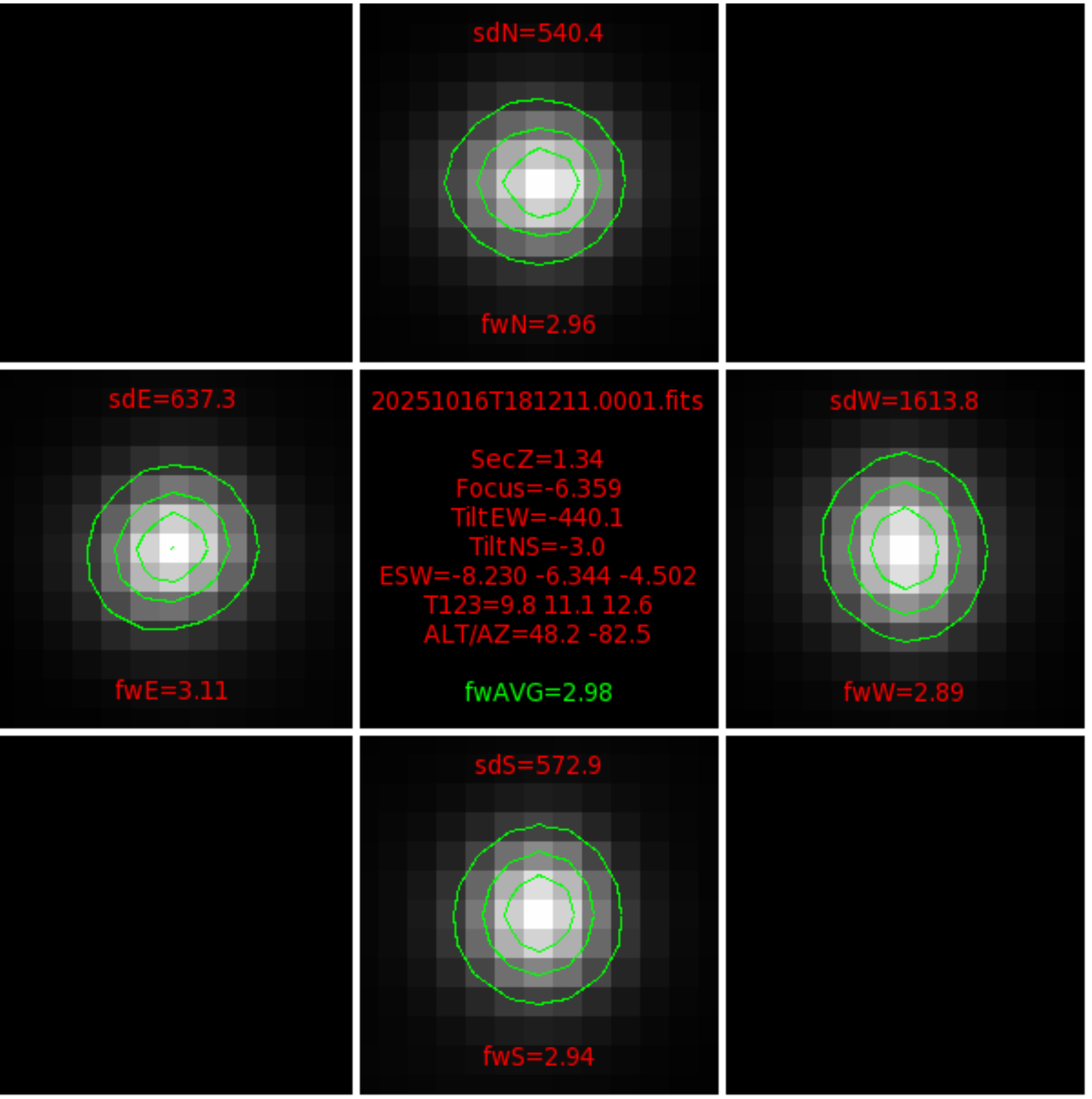
sdN=540.4
fwN=2.96
sdE=637.3
fwE=3.11
20251016T181211.0001.fits
SecZ=1.34
Focus=-6.359
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.230 -6.344 -4.502
T123=9.8 11.1 12.6
ALT/AZ=48.2 -82.5
fwAVG=2.98
sdW=1613.8
fwW=2.89
sdS=572.9
fwS=2.94
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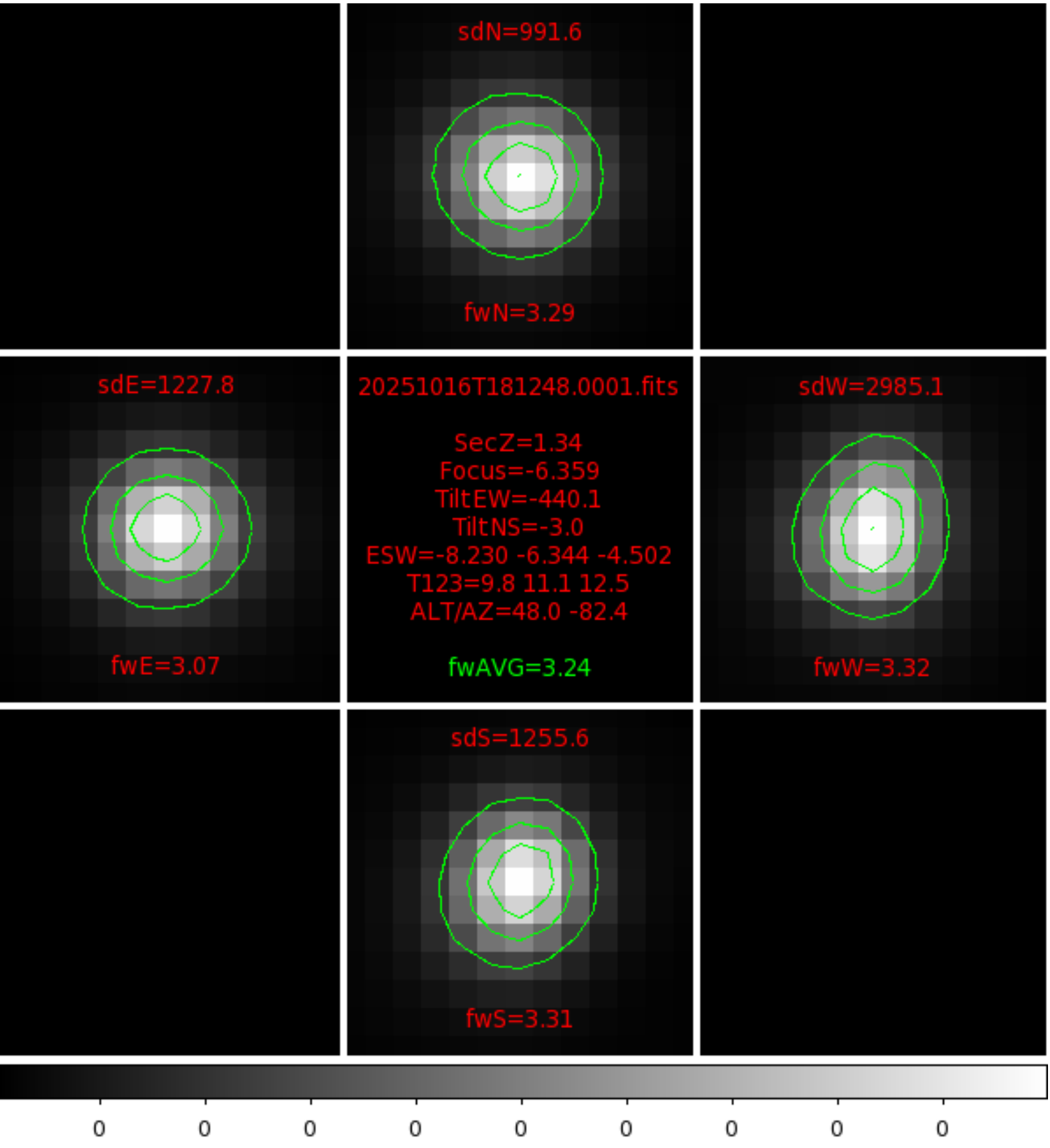
sdN=991.6
fwN=3.29
sdE=1227.8
fwE=3.07
20251016T181248.0001.fits
SecZ=1.34
Focus=-6.359
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.230 -6.344 -4.502
T123=9.8 11.1 12.5
ALT/AZ=48.0 -82.4
fwAVG=3.24
sdW=2985.1
fwW=3.32
sdS=1255.6
fwS=3.31
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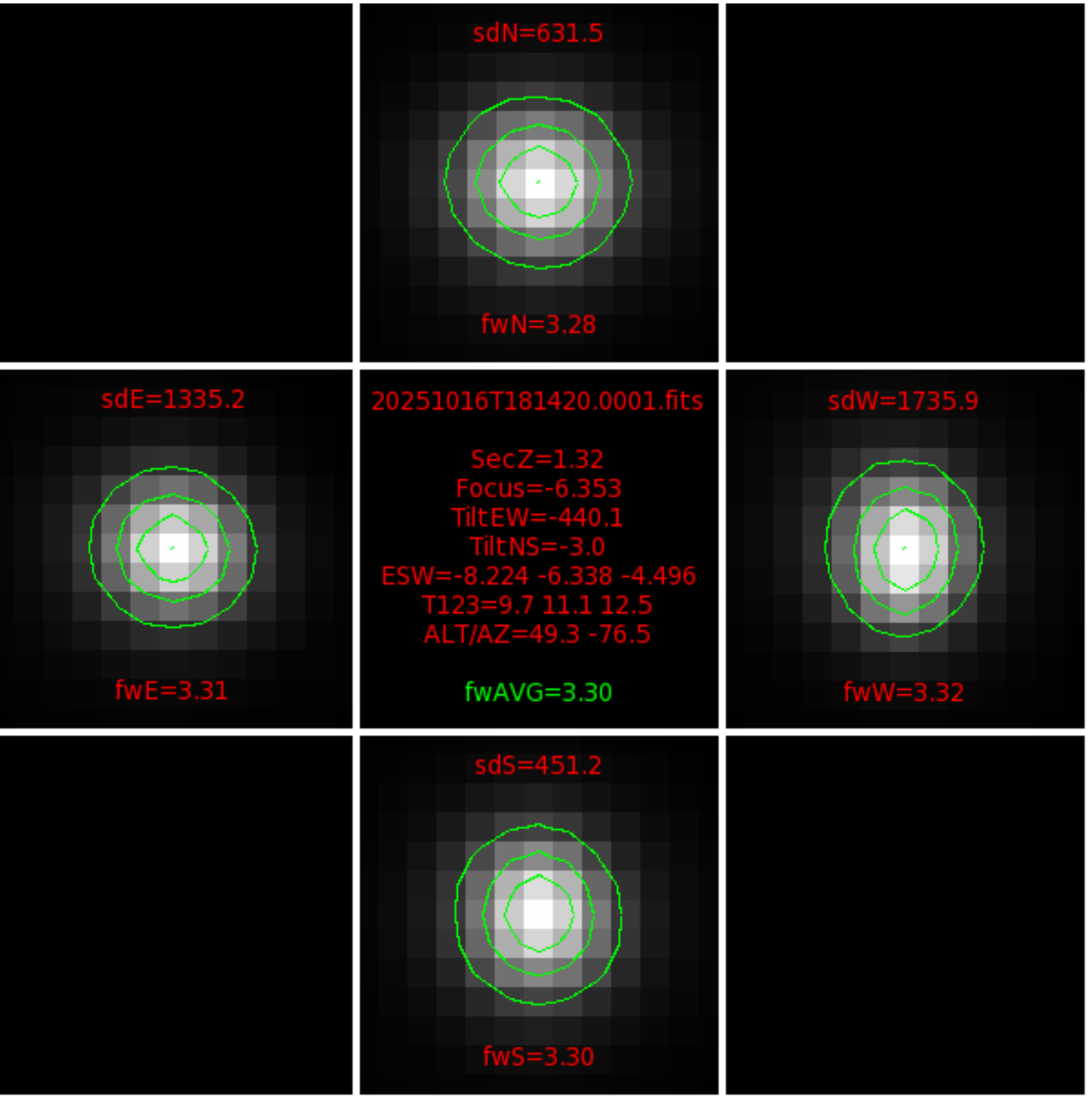
sdN=631.5
fwN=3.28
sdE=1335.2
fwE=3.31
20251016T181420.0001.fits
SecZ=1.32
Focus=-6.353
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.224 -6.338 -4.496
T123=9.7 11.1 12.5
ALT/AZ=49.3 -76.5
fwAVG=3.30
sdW=1735.9
fwW=3.32
sdS=451.2
fwS=3.30
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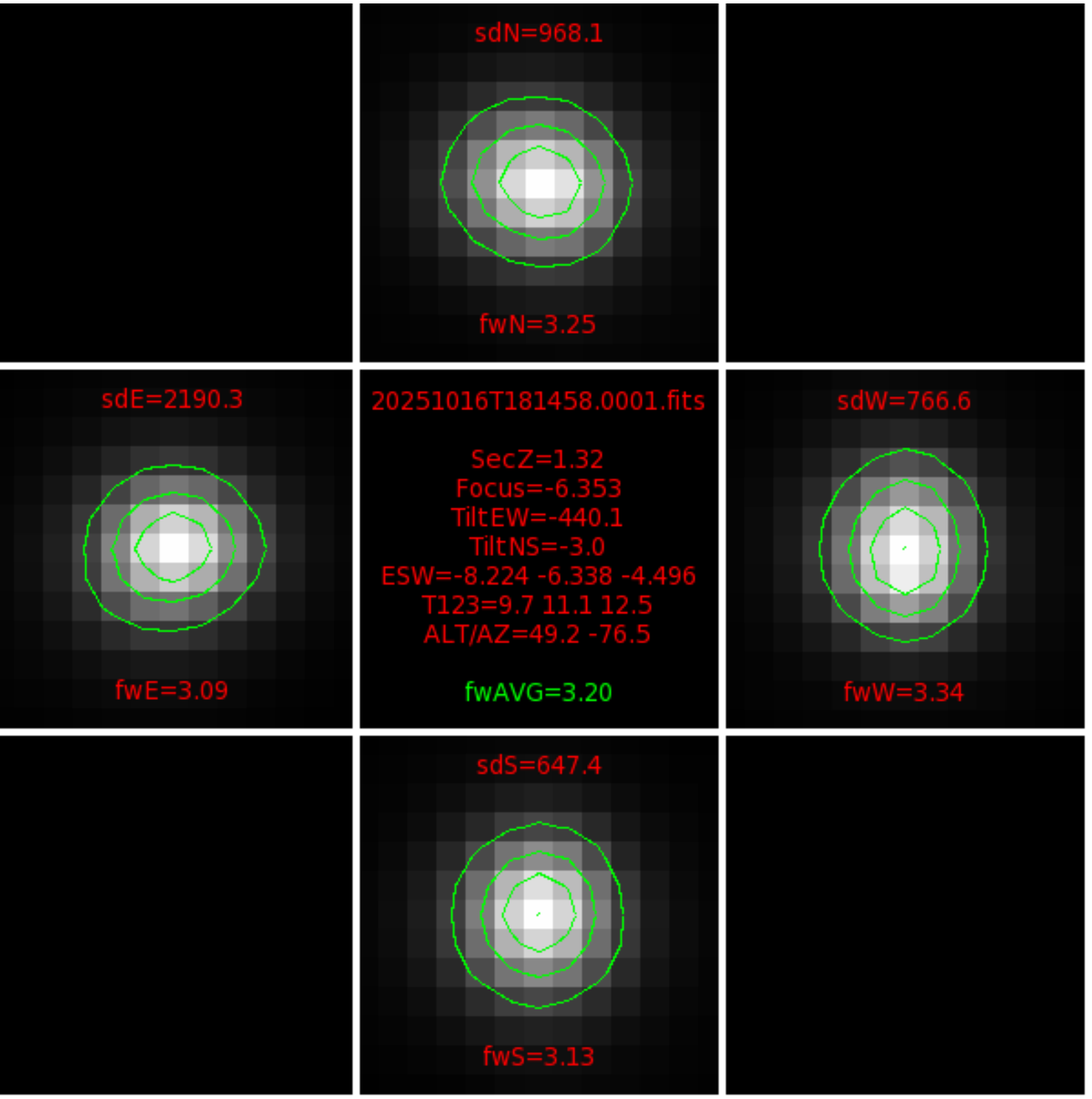
sdN=968.1
fwN=3.25
sdE=2190.3
fwE=3.09
20251016T181458.0001.fits
SecZ=1.32
Focus=-6.353
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.224 -6.338 -4.496
T123=9.7 11.1 12.5
ALT/AZ=49.2 -76.5
fwAVG=3.20
sdW=766.6
fwW=3.34
sdS=647.4
fwS=3.13
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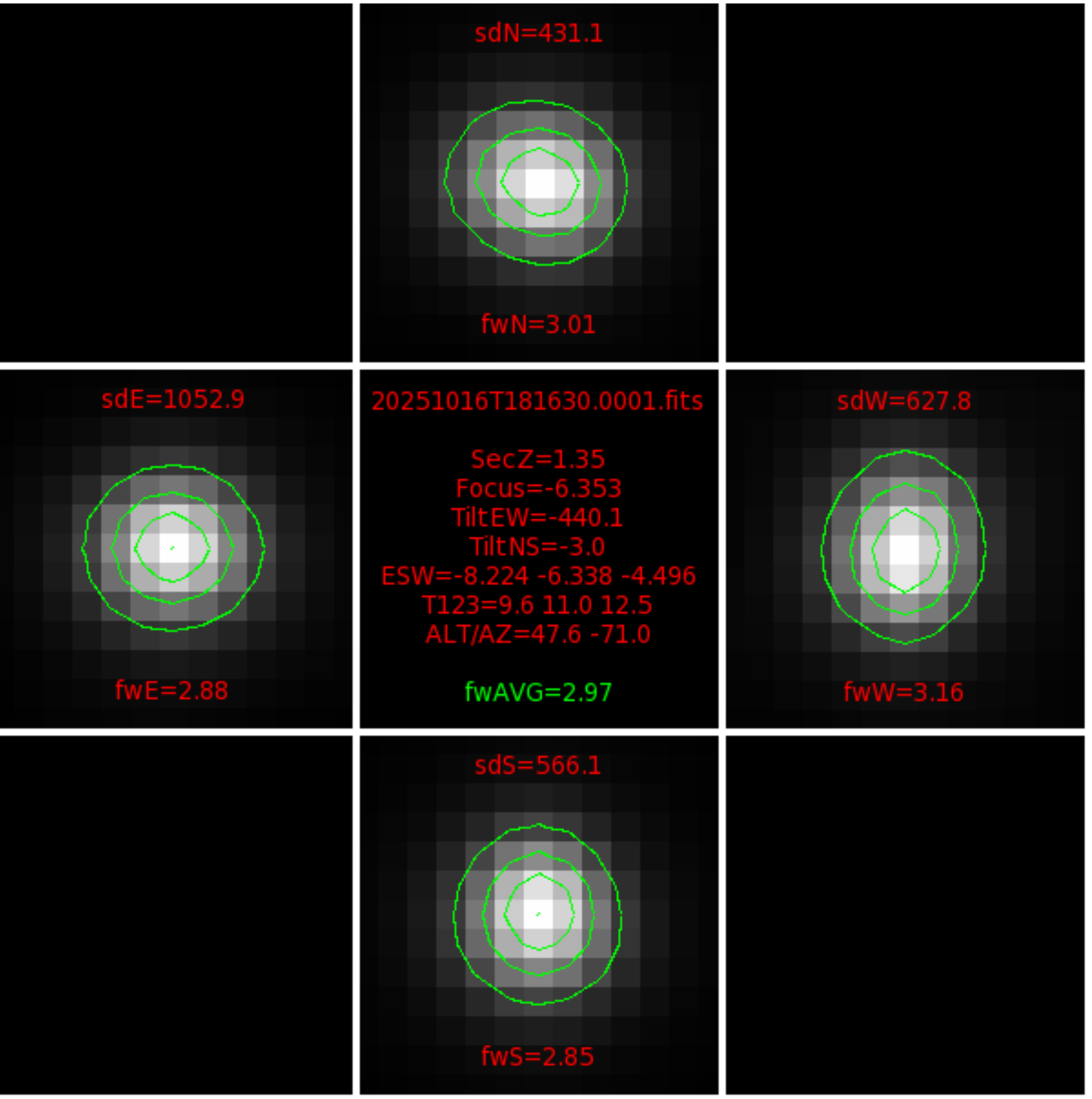
sdN=431.1
fwN=3.01
sdE=1052.9
fwE=2.88
20251016T181630.0001.fits
SecZ=1.35
Focus=-6.353
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.224 -6.338 -4.496
T123=9.6 11.0 12.5
ALT/AZ=47.6 -71.0
fwAVG=2.97
sdW=627.8
fwW=3.16
sdS=566.1
fwS=2.85
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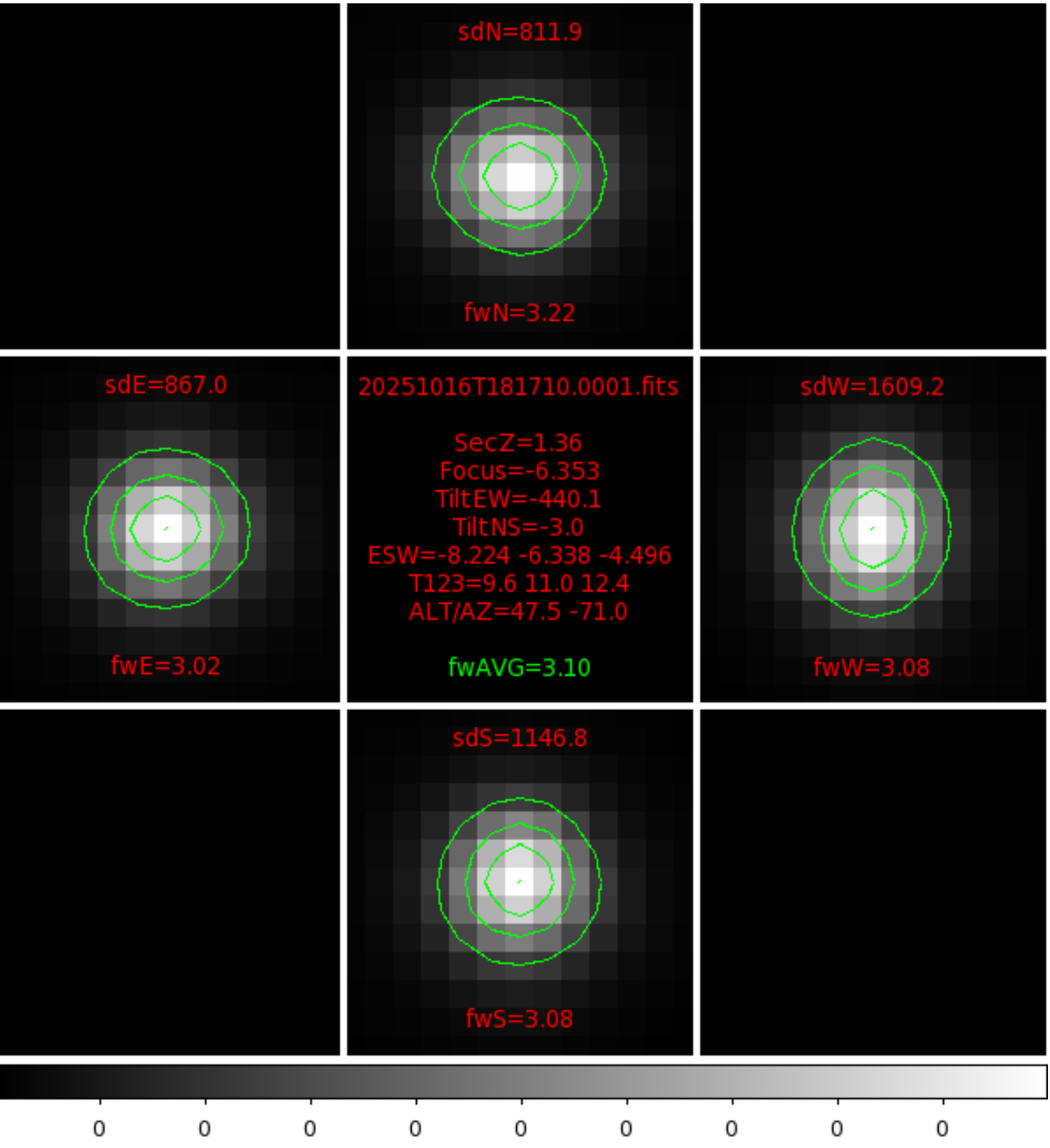
sdN=811.9
fwN=3.22
sdE=867.0
fwE=3.02
20251016T181710.0001.fits
SecZ=1.36
Focus=-6.353
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.224 -6.338 -4.496
T123=9.6 11.0 12.4
ALT/AZ=47.5 -71.0
fwAVG=3.10
sdW=1609.2
fwW=3.08
sdS=1146.8
fwS=3.08
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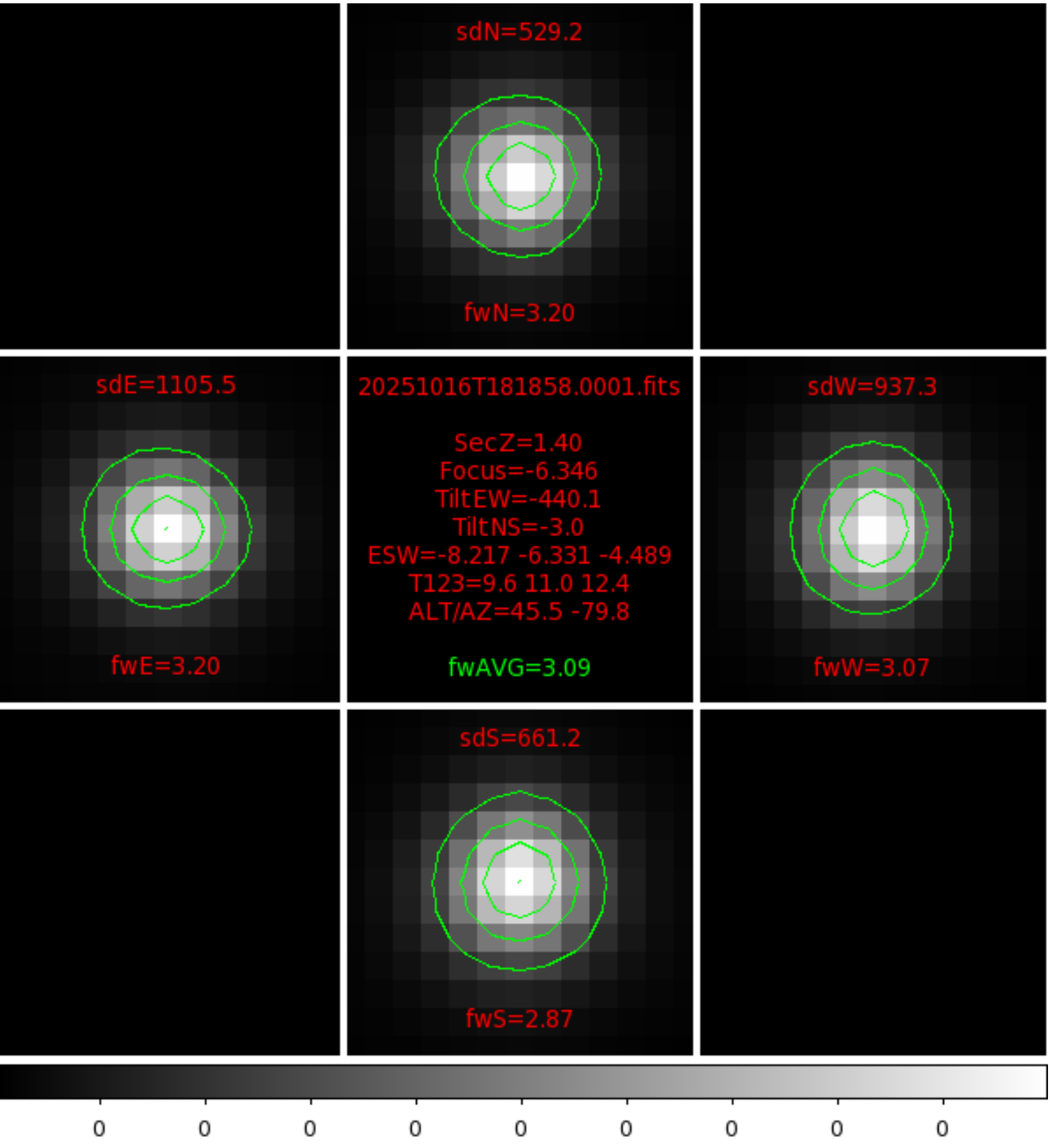
sdN=529.2
fwN=3.20
sdE=1105.5
fwE=3.20
20251016T181858.0001.fits
SecZ=1.40
Focus=-6.346
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.217 -6.331 -4.489
T123=9.6 11.0 12.4
ALT/AZ=45.5 -79.8
fwAVG=3.09
sdW=937.3
fwW=3.07
sdS=661.2
fwS=2.87
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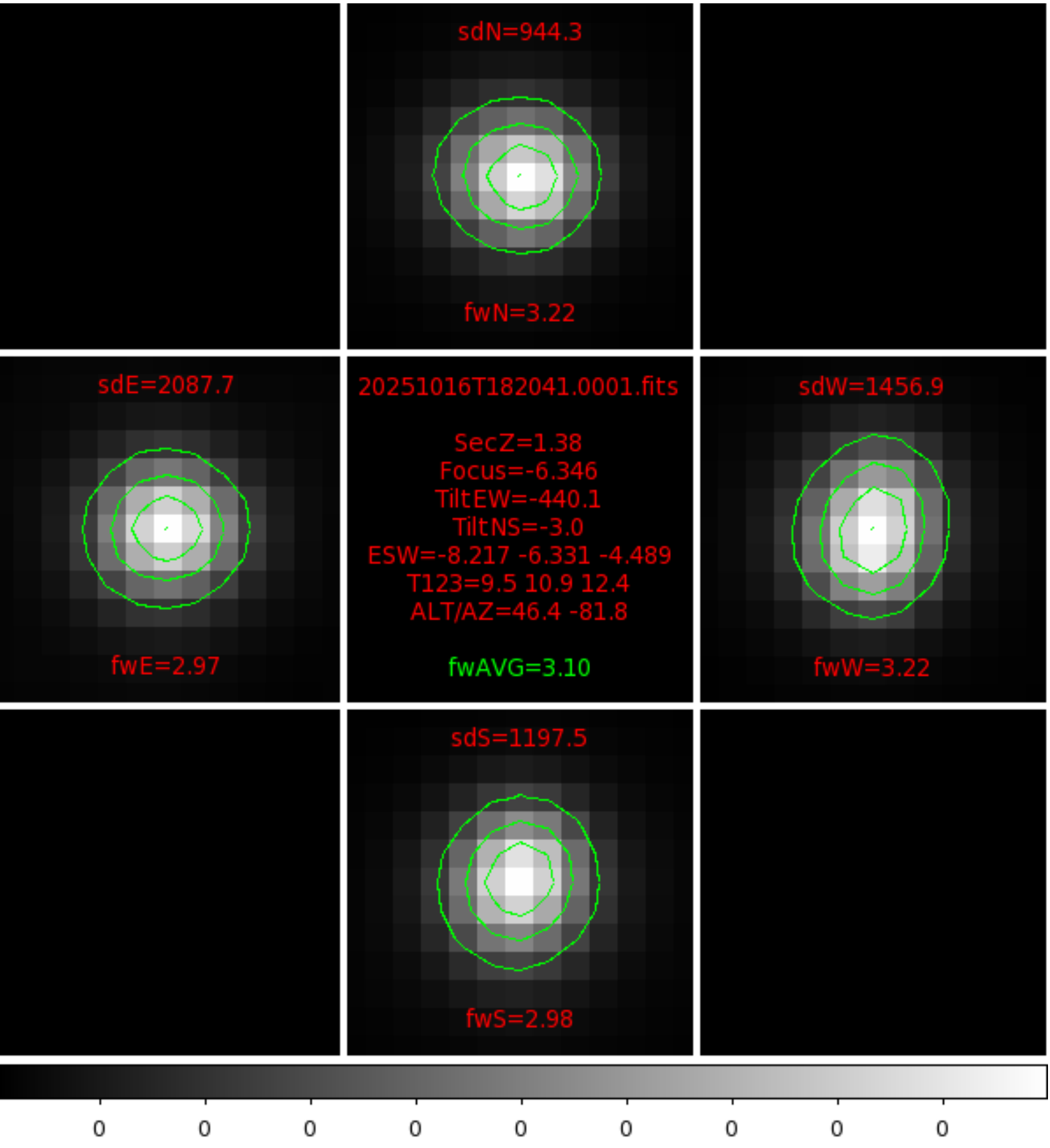
sdN=944.3
fwN=3.22
sdE=2087.7
fwE=2.97
20251016T182041.0001.fits
SecZ=1.38
Focus=-6.346
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.217 -6.331 -4.489
T123=9.5 10.9 12.4
ALT/AZ=46.4 -81.8
fwAVG=3.10
sdW=1456.9
fwW=3.22
sdS=1197.5
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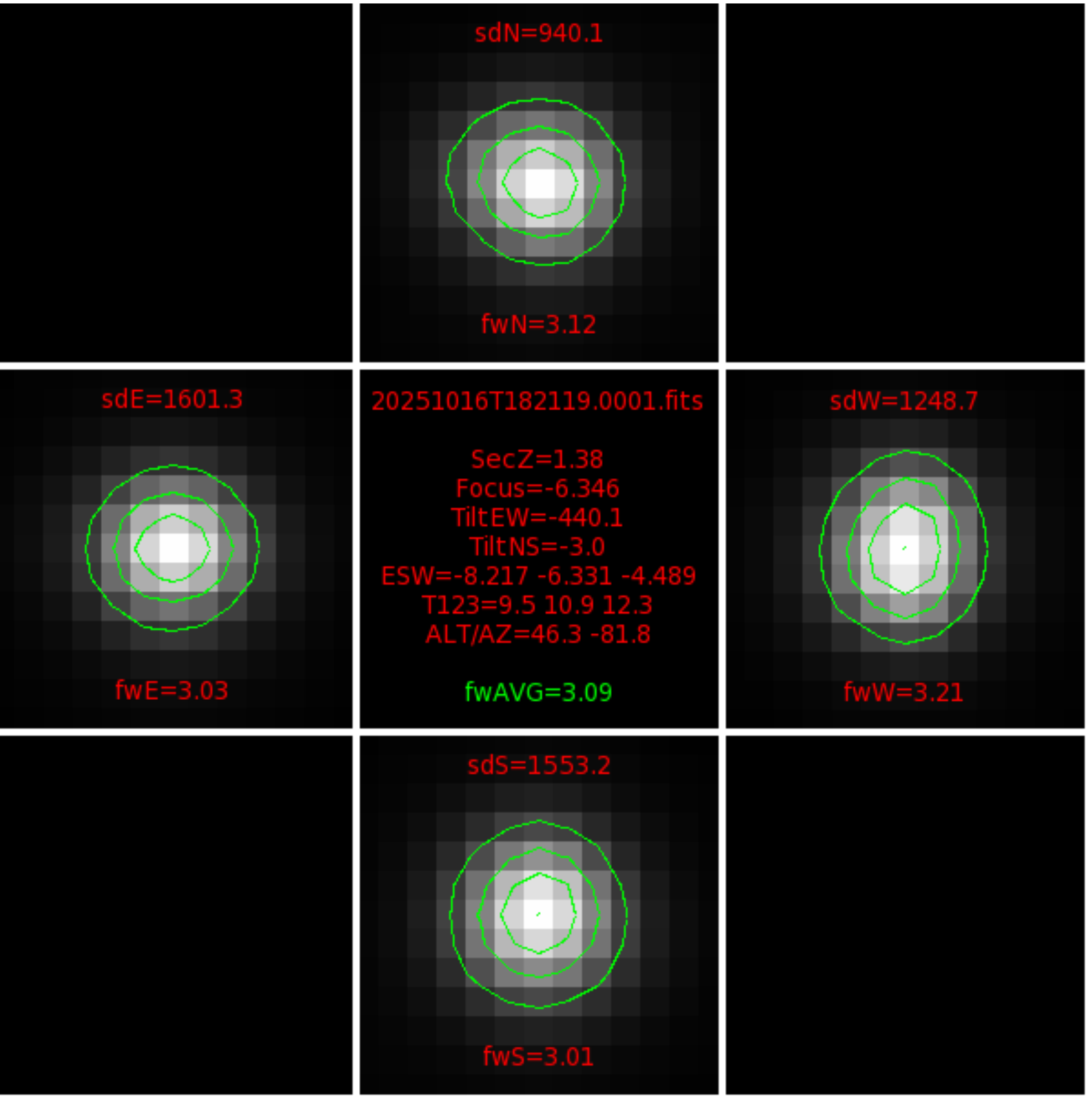
sdN=940.1
fwN=3.12
sdE=1601.3
fwE=3.03
20251016T182119.0001.fits
SecZ=1.38
Focus=-6.346
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.217 -6.331 -4.489
T123=9.5 10.9 12.3
ALT/AZ=46.3 -81.8
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sdW=1248.7
fwW=3.21
sdS=1553.2
fwS=3.01
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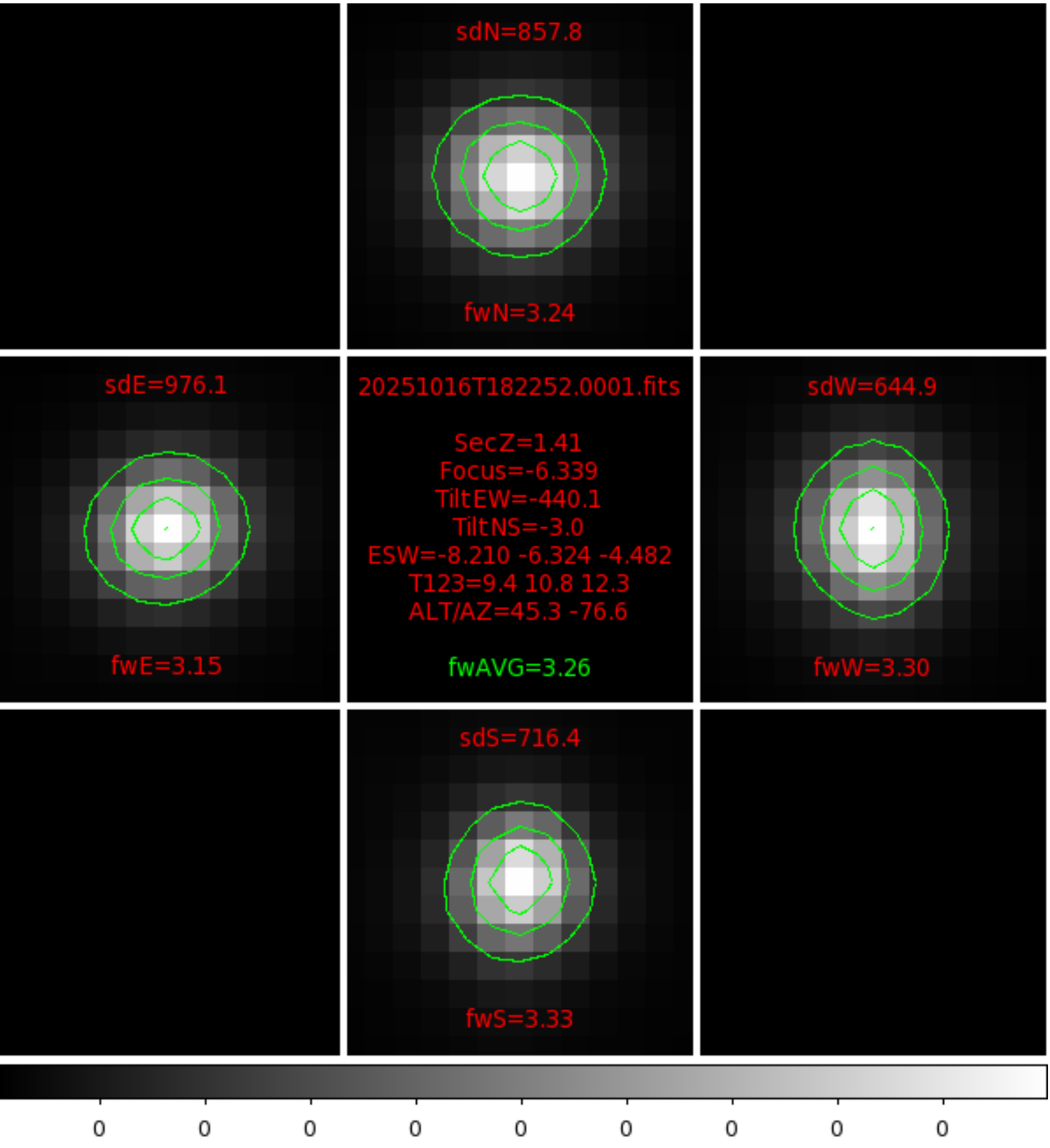
sdN=857.8
fwN=3.24
sdE=976.1
fwE=3.15
20251016T182252.0001.fits
SecZ=1.41
Focus=-6.339
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.210 -6.324 -4.482
T123=9.4 10.8 12.3
ALT/AZ=45.3 -76.6
fwAVG=3.26
sdW=644.9
fwW=3.30
sdS=716.4
fwS=3.33
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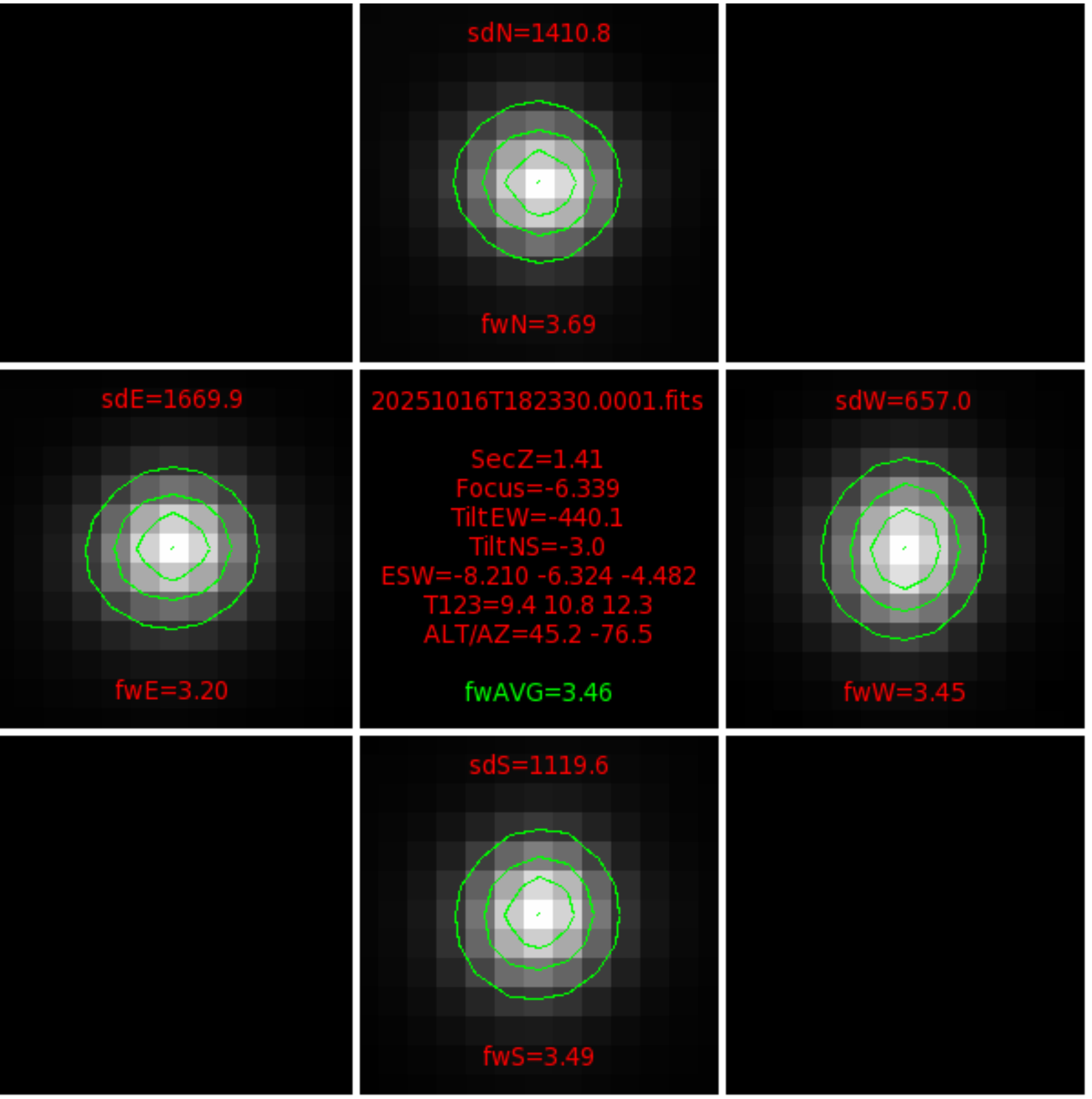
sdN=1410.8
fwN=3.69
sdE=1669.9
fwE=3.20
20251016T182330.0001.fits
SecZ=1.41
Focus=-6.339
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.210 -6.324 -4.482
T123=9.4 10.8 12.3
ALT/AZ=45.2 -76.5
fwAVG=3.46
sdW=657.0
fwW=3.45
sdS=1119.6
fwS=3.49
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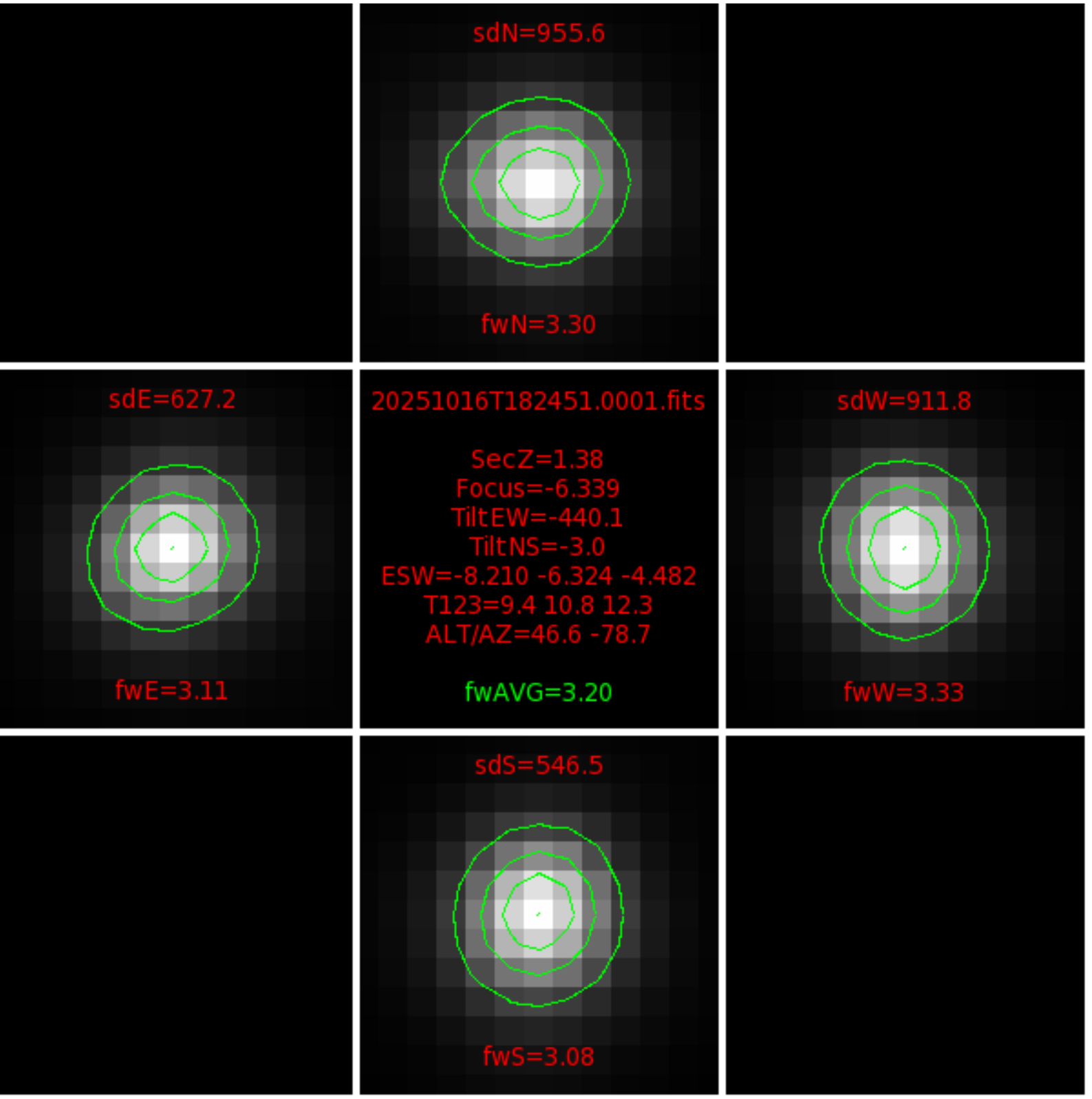
sdN=955.6
fwN=3.30
sdE=627.2
fwE=3.11
20251016T182451.0001.fits
SecZ=1.38
Focus=-6.339
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.210 -6.324 -4.482
T123=9.4 10.8 12.3
ALT/AZ=46.6 -78.7
fwAVG=3.20
sdW=911.8
fwW=3.33
sdS=546.5
fwS=3.08
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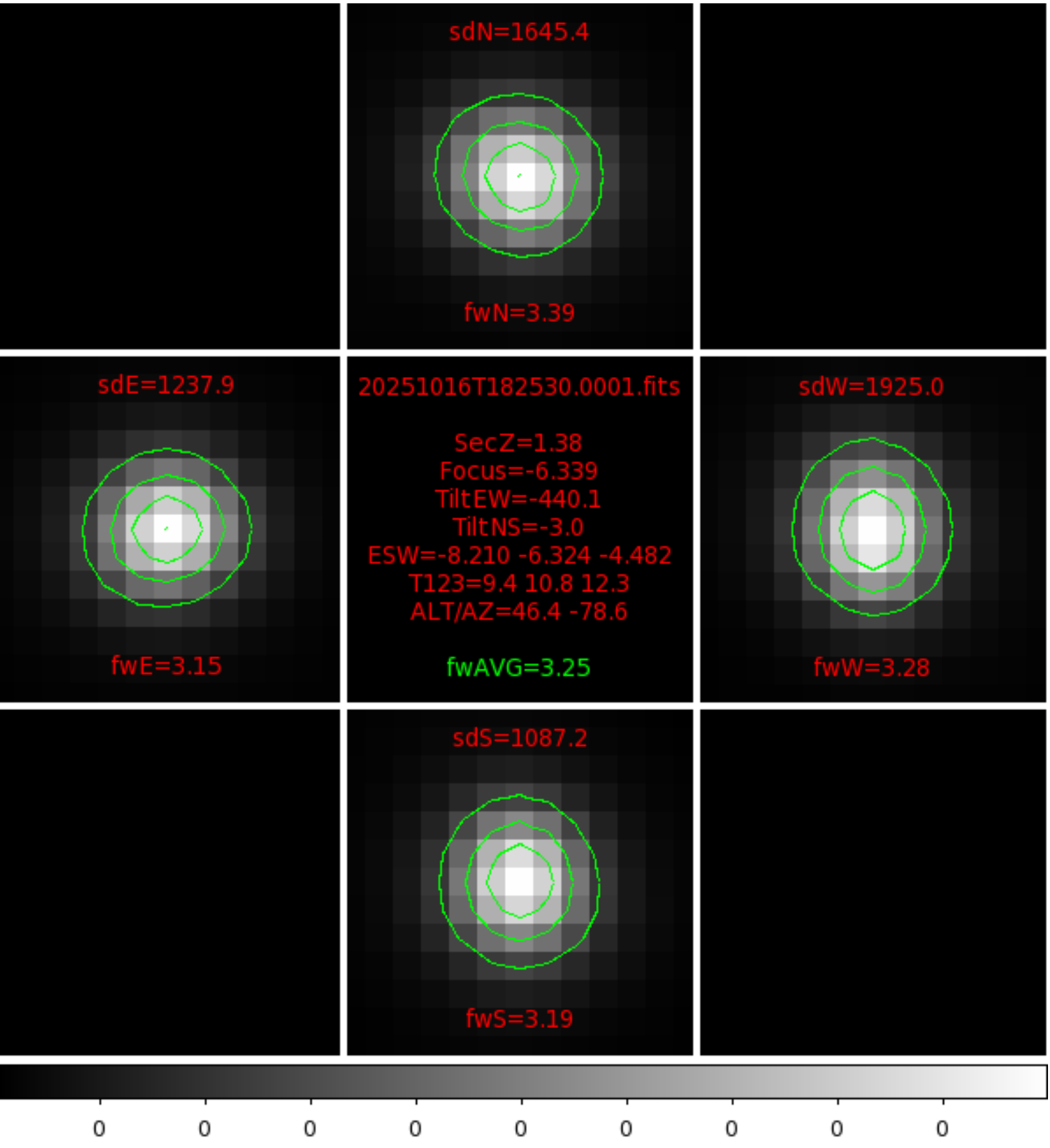
sdN=1645.4
fwN=3.39
sdE=1237.9
fwE=3.15
20251016T182530.0001.fits
SecZ=1.38
Focus=-6.339
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.210 -6.324 -4.482
T123=9.4 10.8 12.3
ALT/AZ=46.4 -78.6
fwAVG=3.25
sdW=1925.0
fwW=3.28
sdS=1087.2
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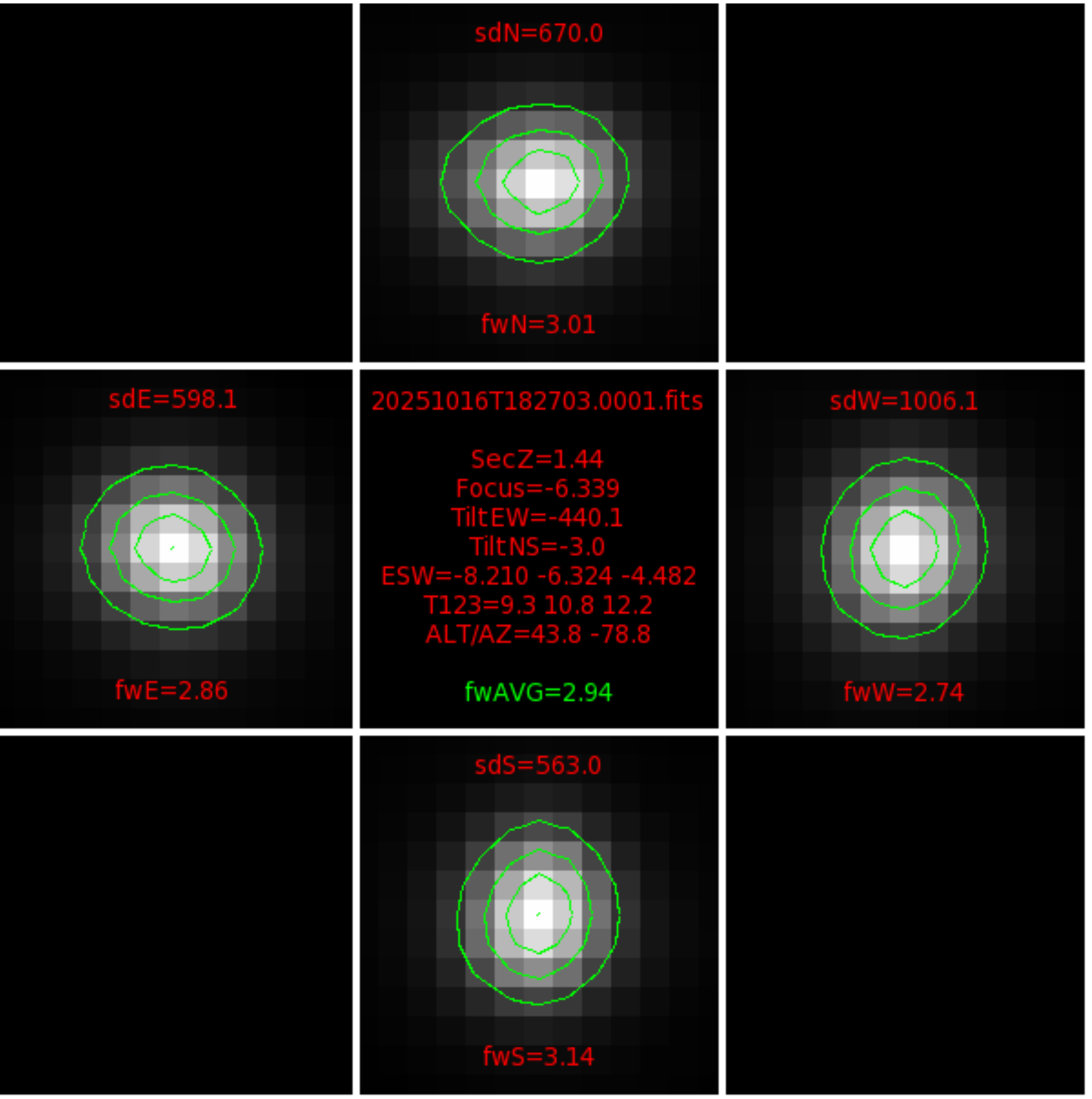
sdN=670.0
fwN=3.01
sdE=598.1
fwE=2.86
20251016T182703.0001.fits
SecZ=1.44
Focus=-6.339
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.210 -6.324 -4.482
T123=9.3 10.8 12.2
ALT/AZ=43.8 -78.8
fwAVG=2.94
sdW=1006.1
fwW=2.74
sdS=563.0
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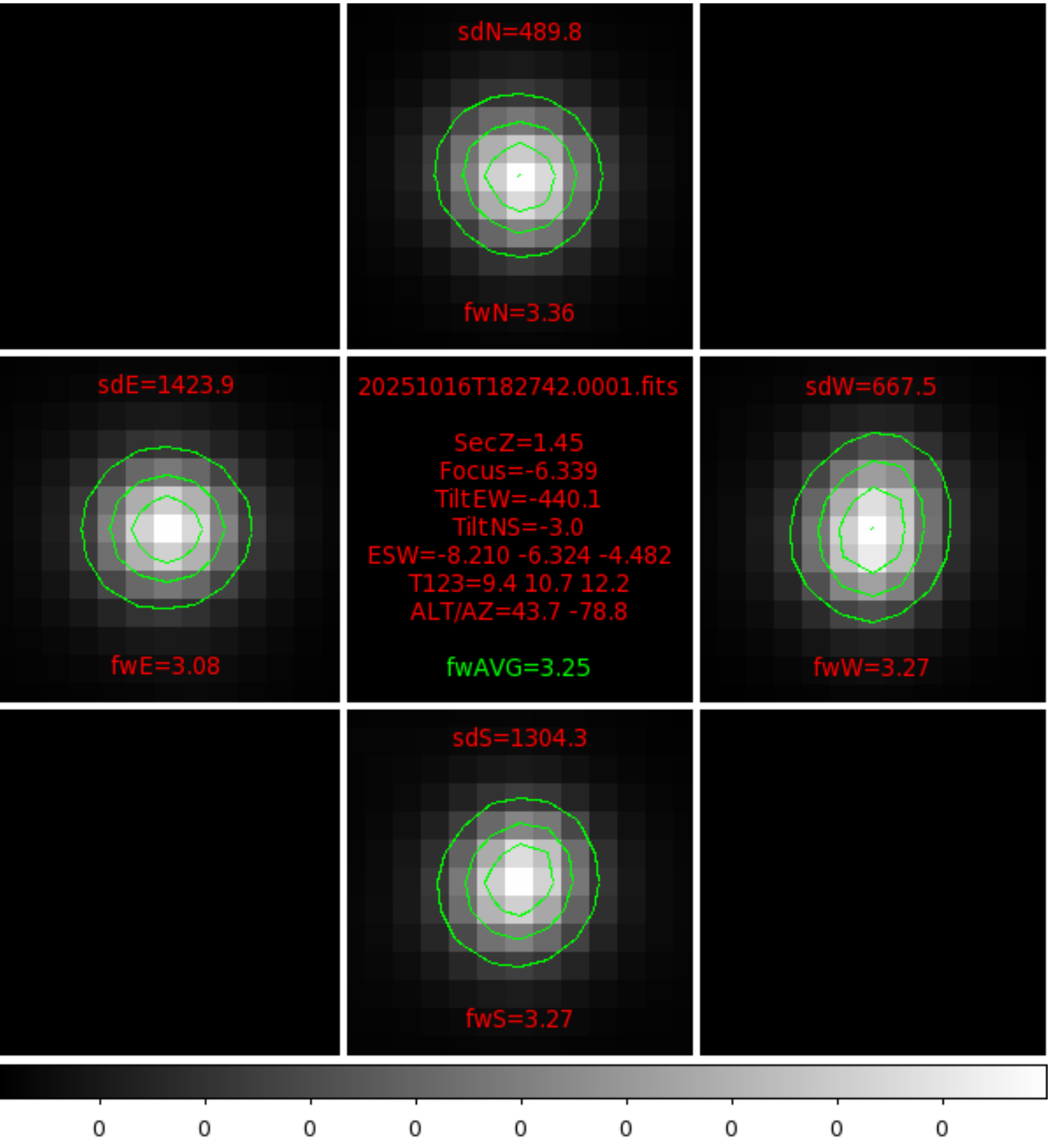
sdN=489.8
fwN=3.36
sdE=1423.9
fwE=3.08
20251016T182742.0001.fits
SecZ=1.45
Focus=-6.339
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.210 -6.324 -4.482
T123=9.4 10.7 12.2
ALT/AZ=43.7 -78.8
fwAVG=3.25
sdW=667.5
fwW=3.27
sdS=1304.3
fwS=3.27
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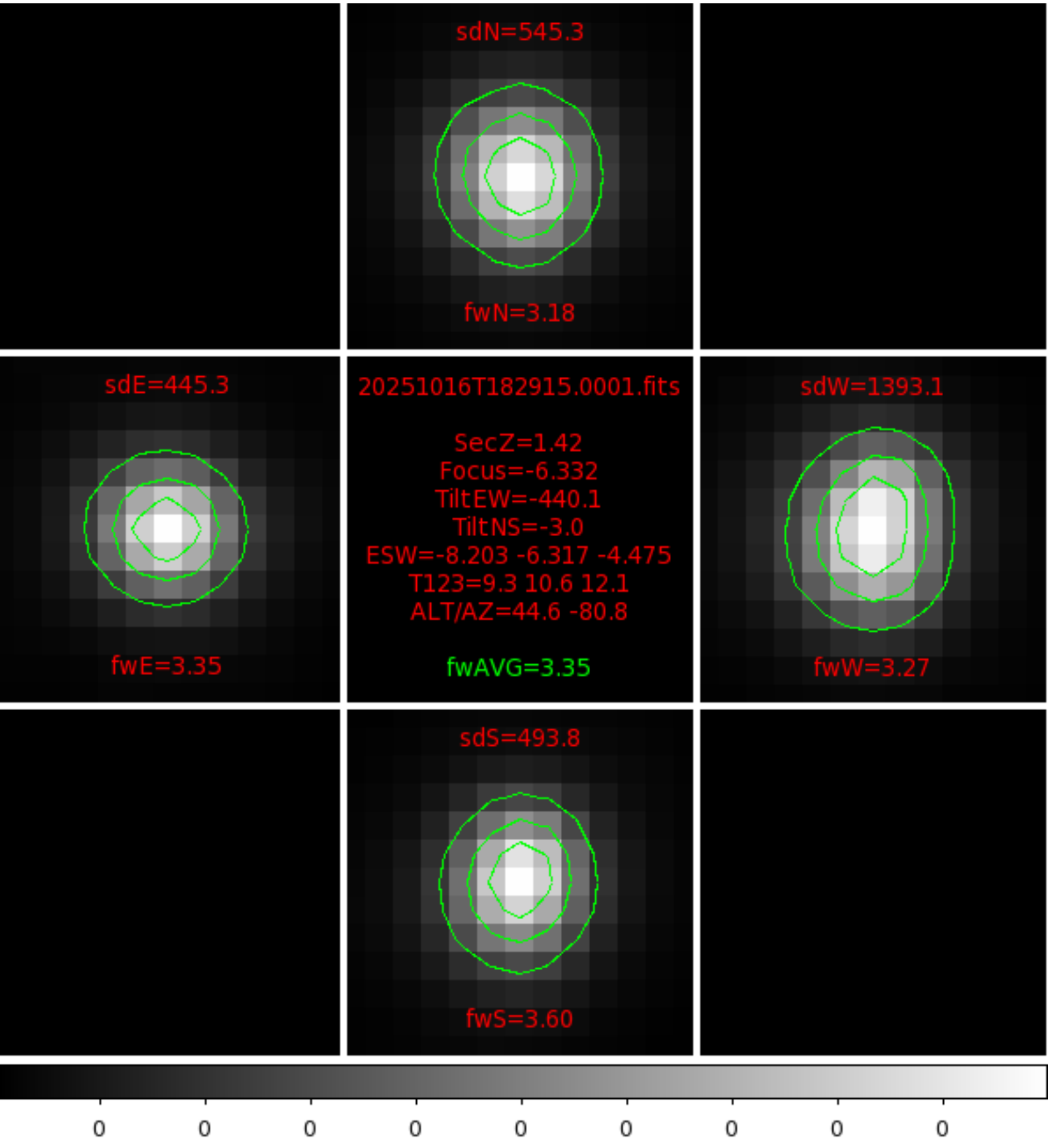
sdN=545.3
fwN=3.18
sdE=445.3
fwE=3.35
20251016T182915.0001.fits
SecZ=1.42
Focus=-6.332
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.203 -6.317 -4.475
T123=9.3 10.6 12.1
ALT/AZ=44.6 -80.8
fwAVG=3.35
sdW=1393.1
fwW=3.27
sdS=493.8
fwS=3.60
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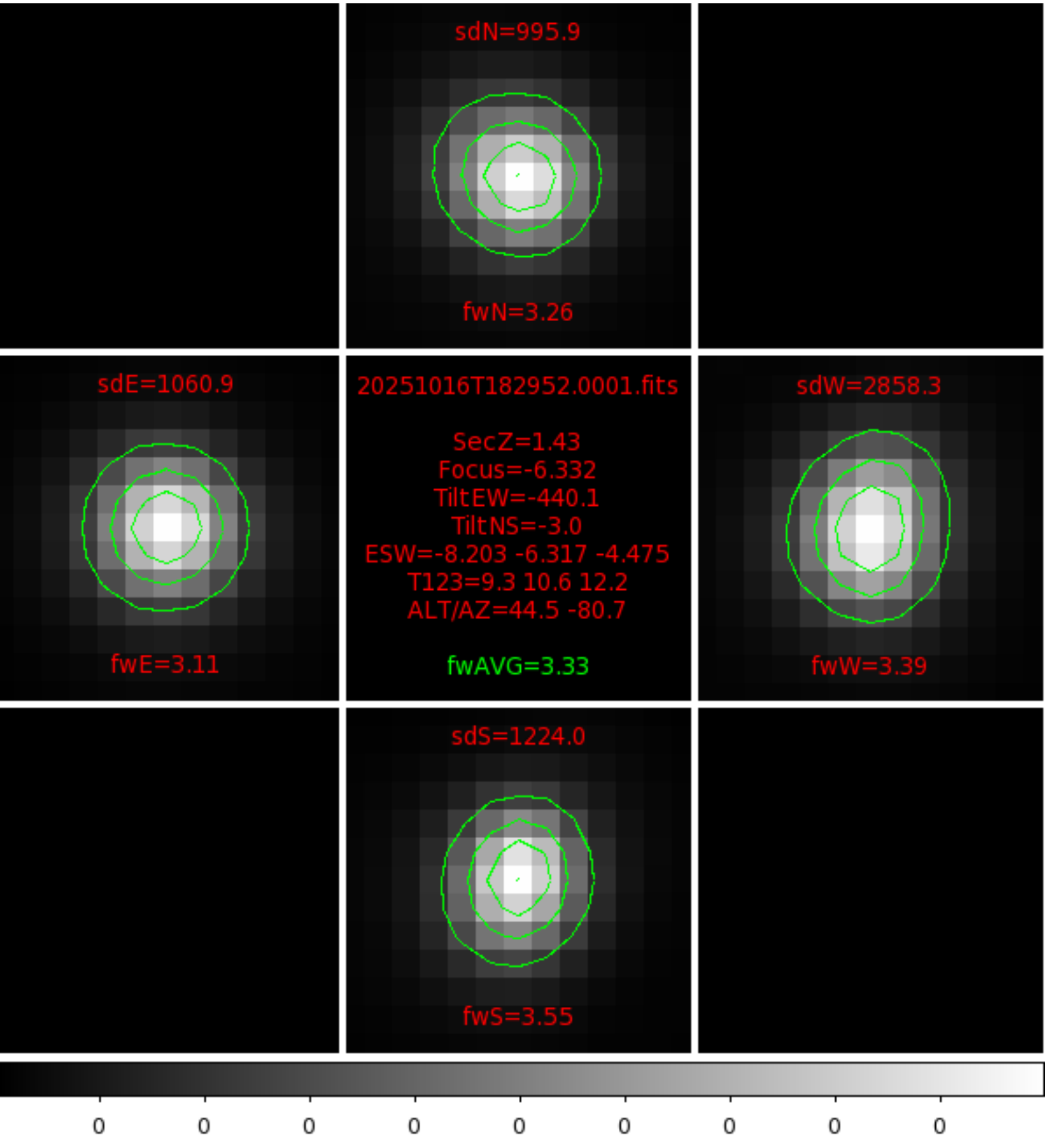
sdN=995.9
fwN=3.26
sdE=1060.9
fwE=3.11
20251016T182952.0001.fits
SecZ=1.43
Focus=-6.332
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.203 -6.317 -4.475
T123=9.3 10.6 12.2
ALT/AZ=44.5 -80.7
fwAVG=3.33
sdW=2858.3
fwW=3.39
sdS=1224.0
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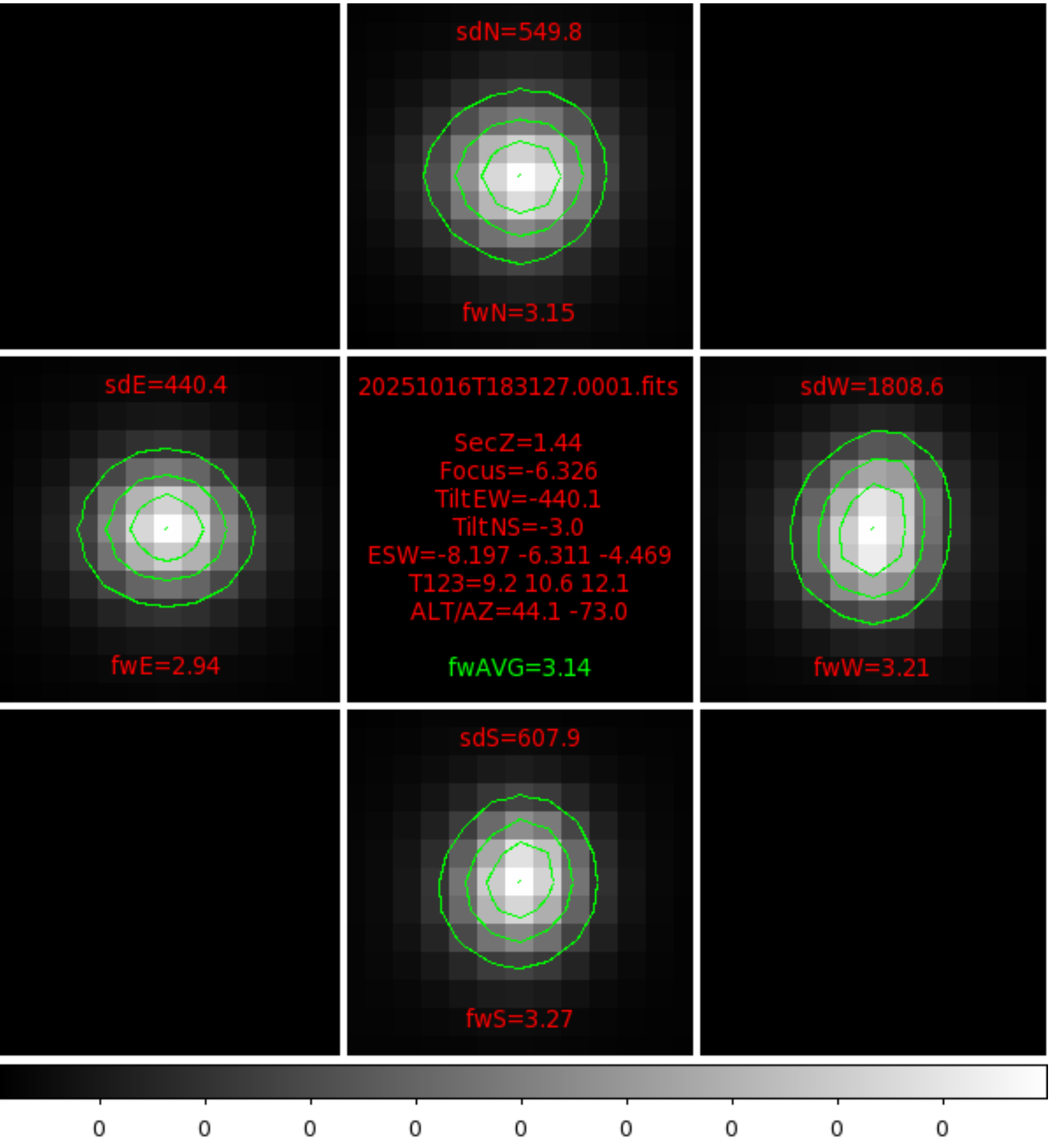
sdN=549.8
fwN=3.15
sdE=440.4
fwE=2.94
20251016T183127.0001.fits
SecZ=1.44
Focus=-6.326
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.197 -6.311 -4.469
T123=9.2 10.6 12.1
ALT/AZ=44.1 -73.0
fwAVG=3.14
sdW=1808.6
fwW=3.21
sdS=607.9
fwS=3.27
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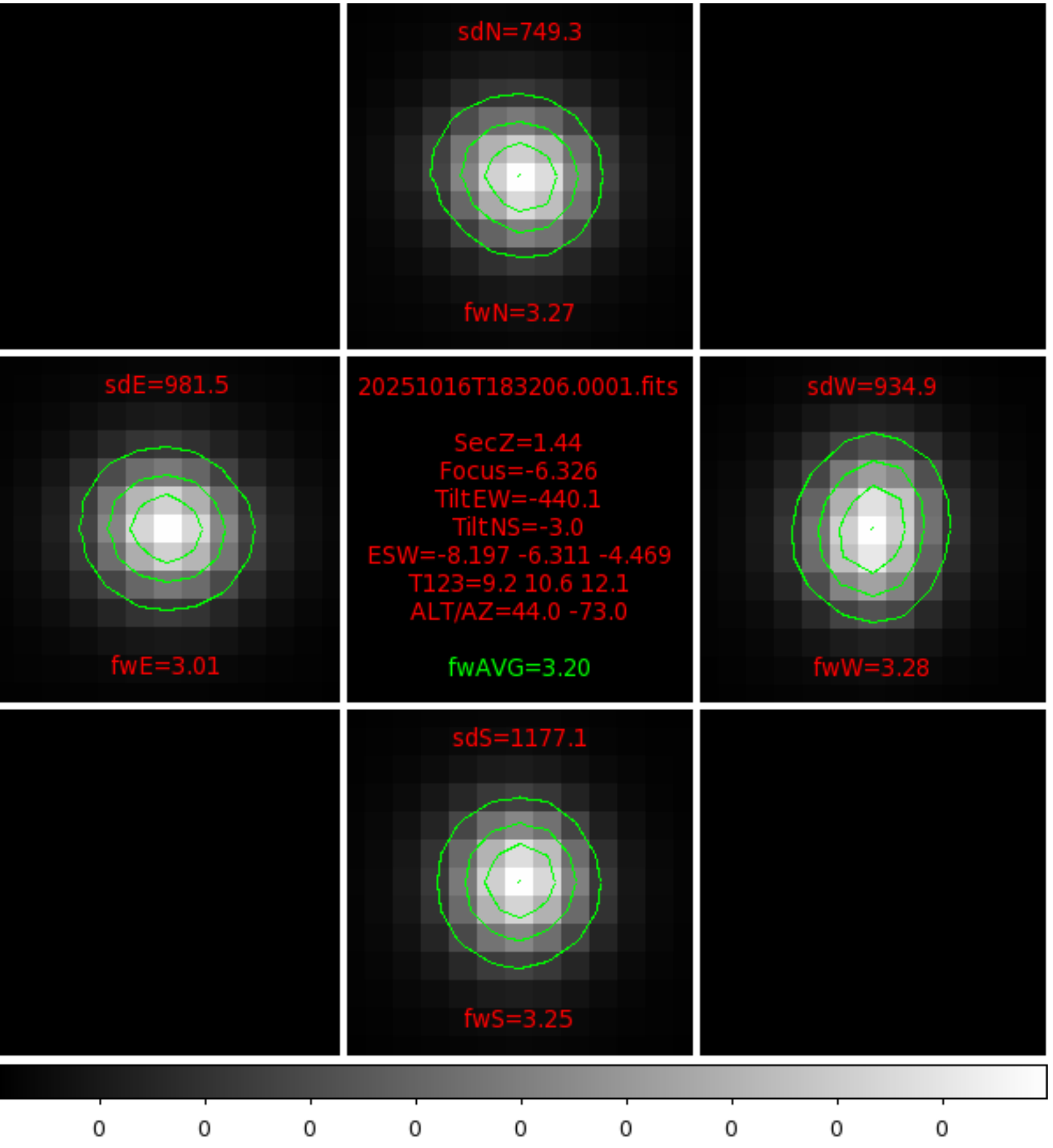
sdN=749.3
fwN=3.27
sdE=981.5
fwE=3.01
20251016T183206.0001.fits
SecZ=1.44
Focus=-6.326
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.197 -6.311 -4.469
T123=9.2 10.6 12.1
ALT/AZ=44.0 -73.0
fwAVG=3.20
sdW=934.9
fwW=3.28
sdS=1177.1
fwS=3.25
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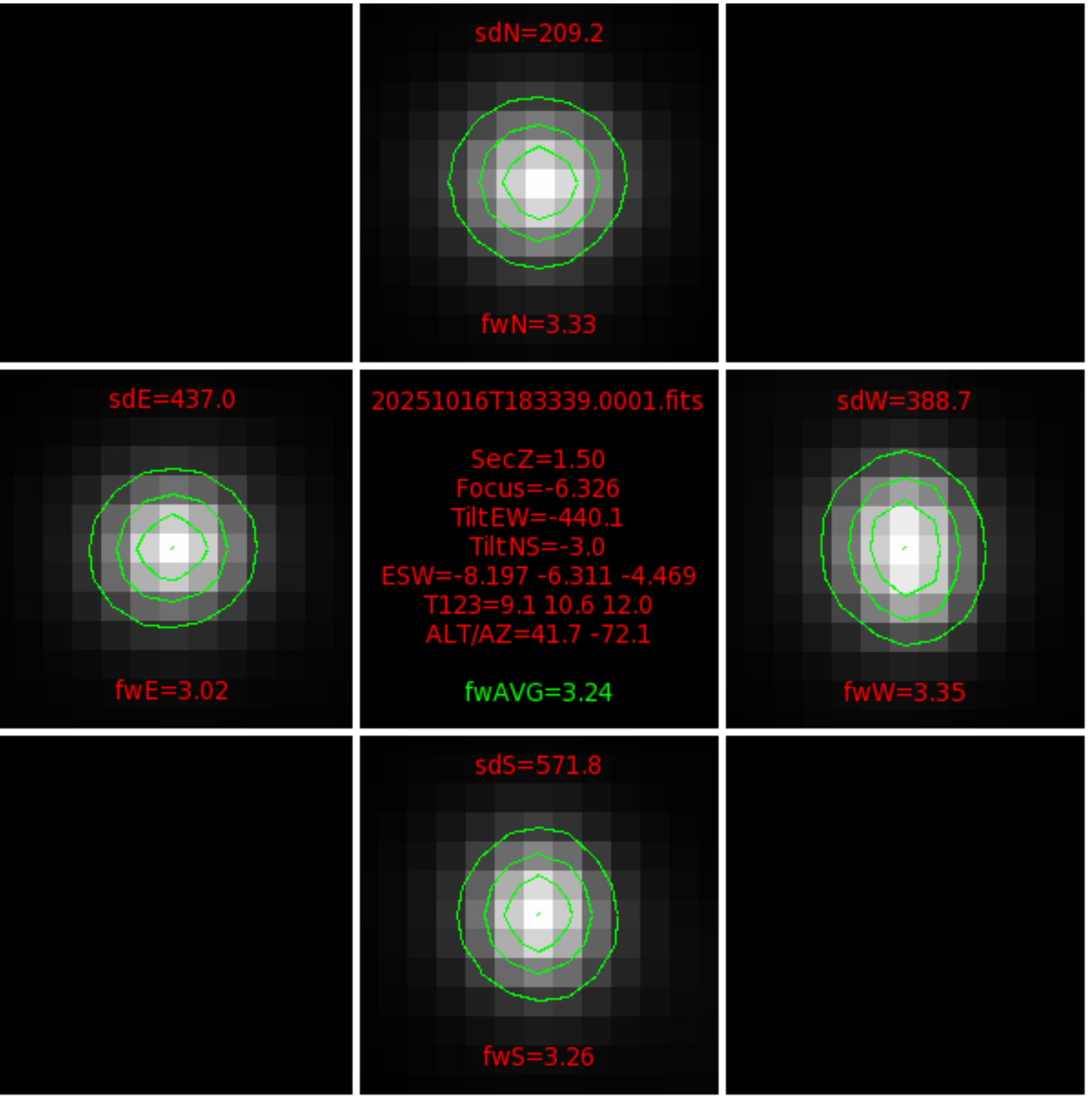
sdN=209.2
fwN=3.33
sdE=437.0
fwE=3.02
20251016T183339.0001.fits
SecZ=1.50
Focus=-6.326
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.197 -6.311 -4.469
T123=9.1 10.6 12.0
ALT/AZ=41.7 -72.1
fwAVG=3.24
sdW=388.7
fwW=3.35
sdS=571.8
fwS=3.26
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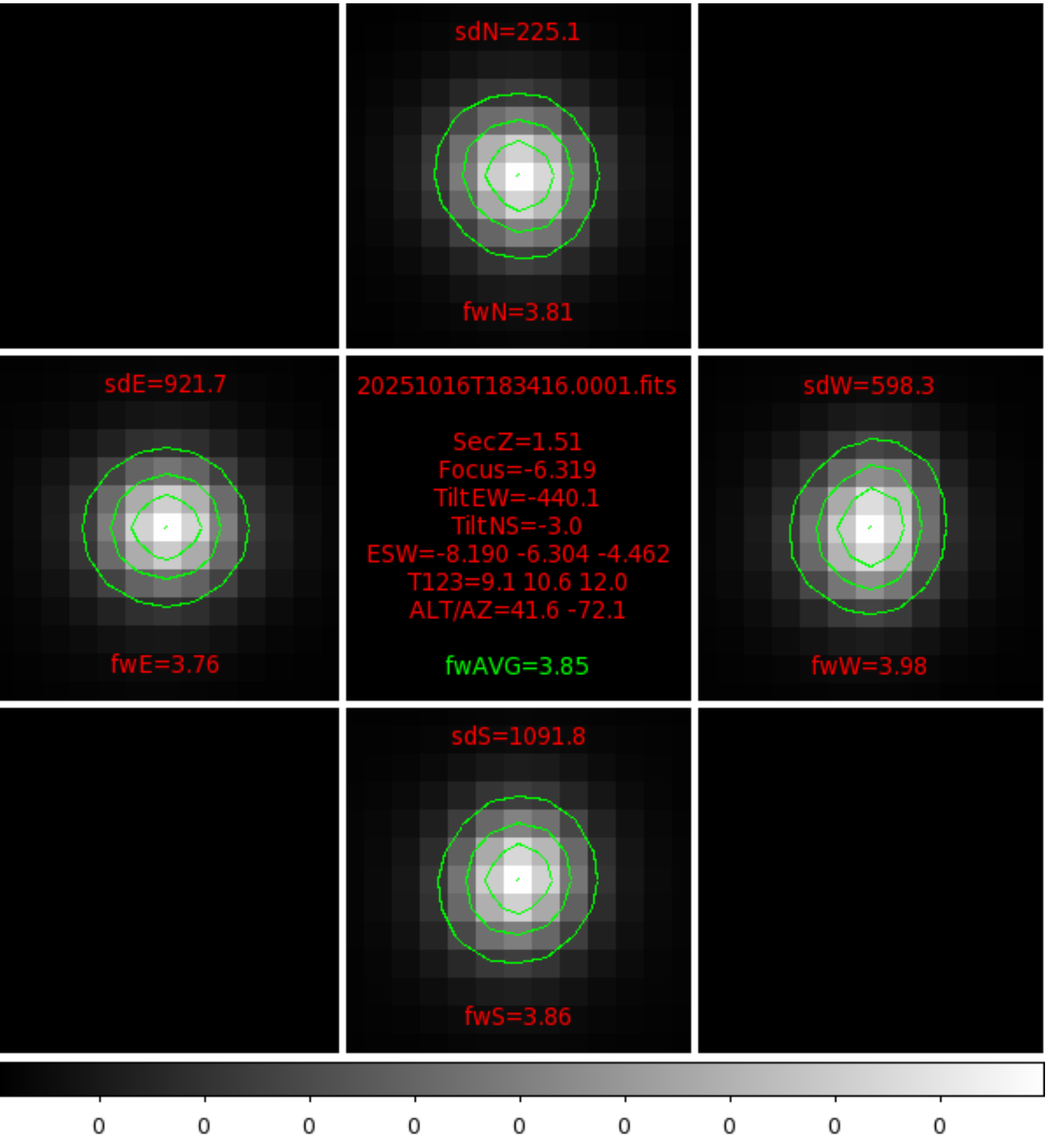
sdN=225.1
fwN=3.81
sdE=921.7
fwE=3.76
20251016T183416.0001.fits
SecZ=1.51
Focus=-6.319
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.190 -6.304 -4.462
T123=9.1 10.6 12.0
ALT/AZ=41.6 -72.1
fwAVG=3.85
sdW=598.3
fwW=3.98
sdS=1091.8
fwS=3.86
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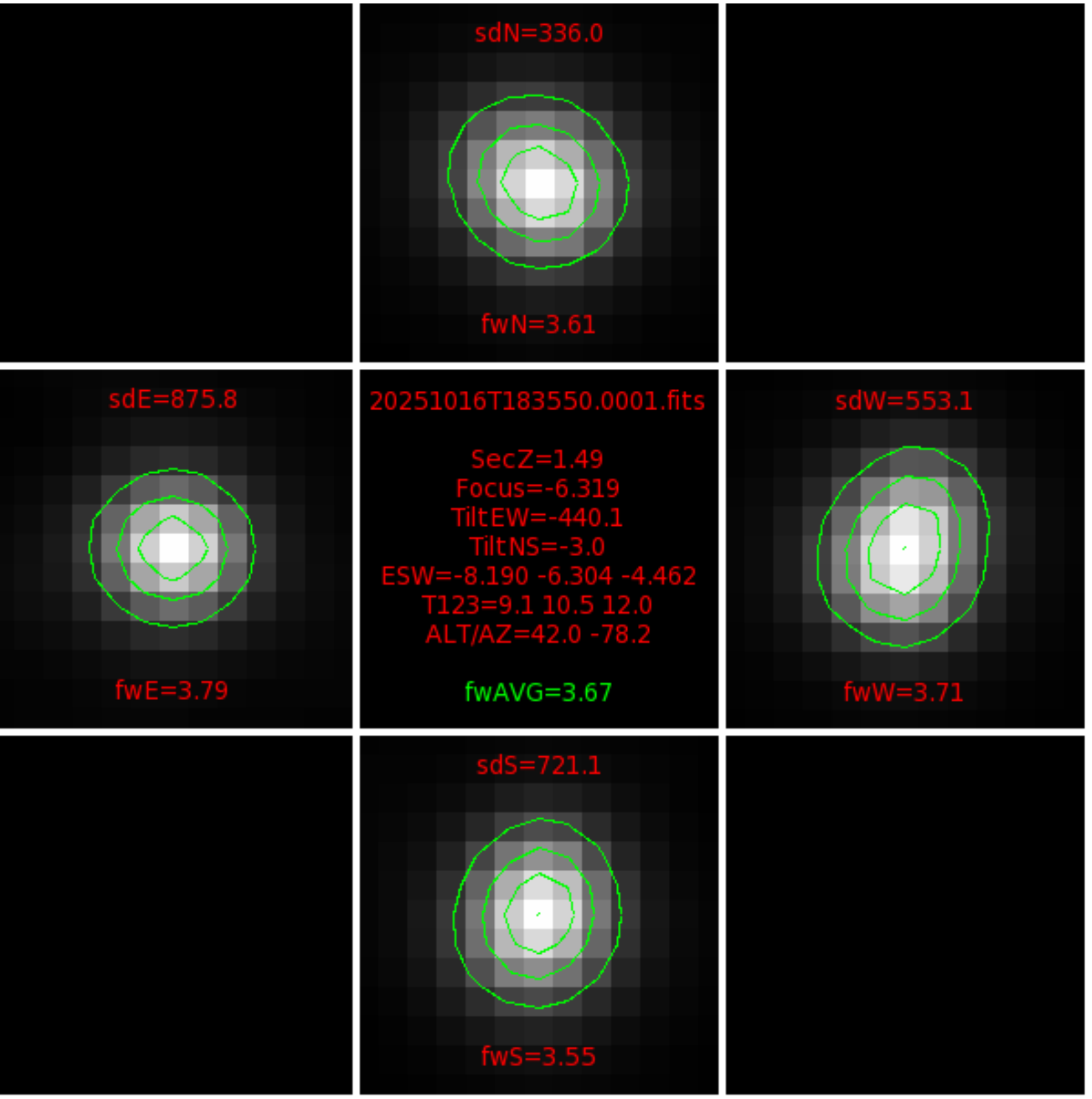
sdN=336.0
fwN=3.61
sdE=875.8
fwE=3.79
20251016T183550.0001.fits
SecZ=1.49
Focus=-6.319
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.190 -6.304 -4.462
T123=9.1 10.5 12.0
ALT/AZ=42.0 -78.2
fwAVG=3.67
sdW=553.1
fwW=3.71
sdS=721.1
fwS=3.55
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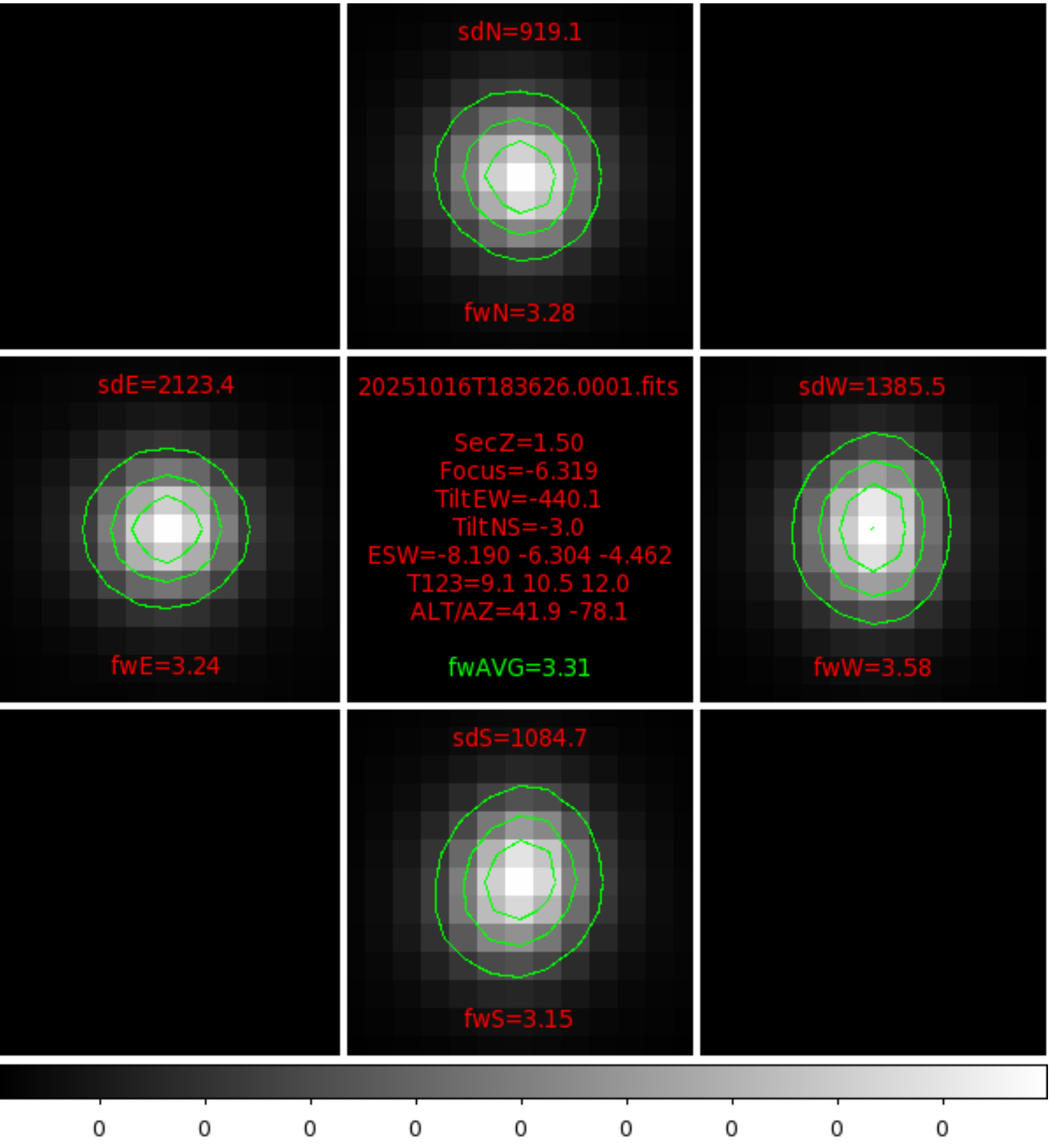
sdN=919.1
fwN=3.28
sdE=2123.4
fwE=3.24
20251016T183626.0001.fits
SecZ=1.50
Focus=-6.319
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.190 -6.304 -4.462
T123=9.1 10.5 12.0
ALT/AZ=41.9 -78.1
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sdW=1385.5
fwW=3.58
sdS=1084.7
fwS=3.15
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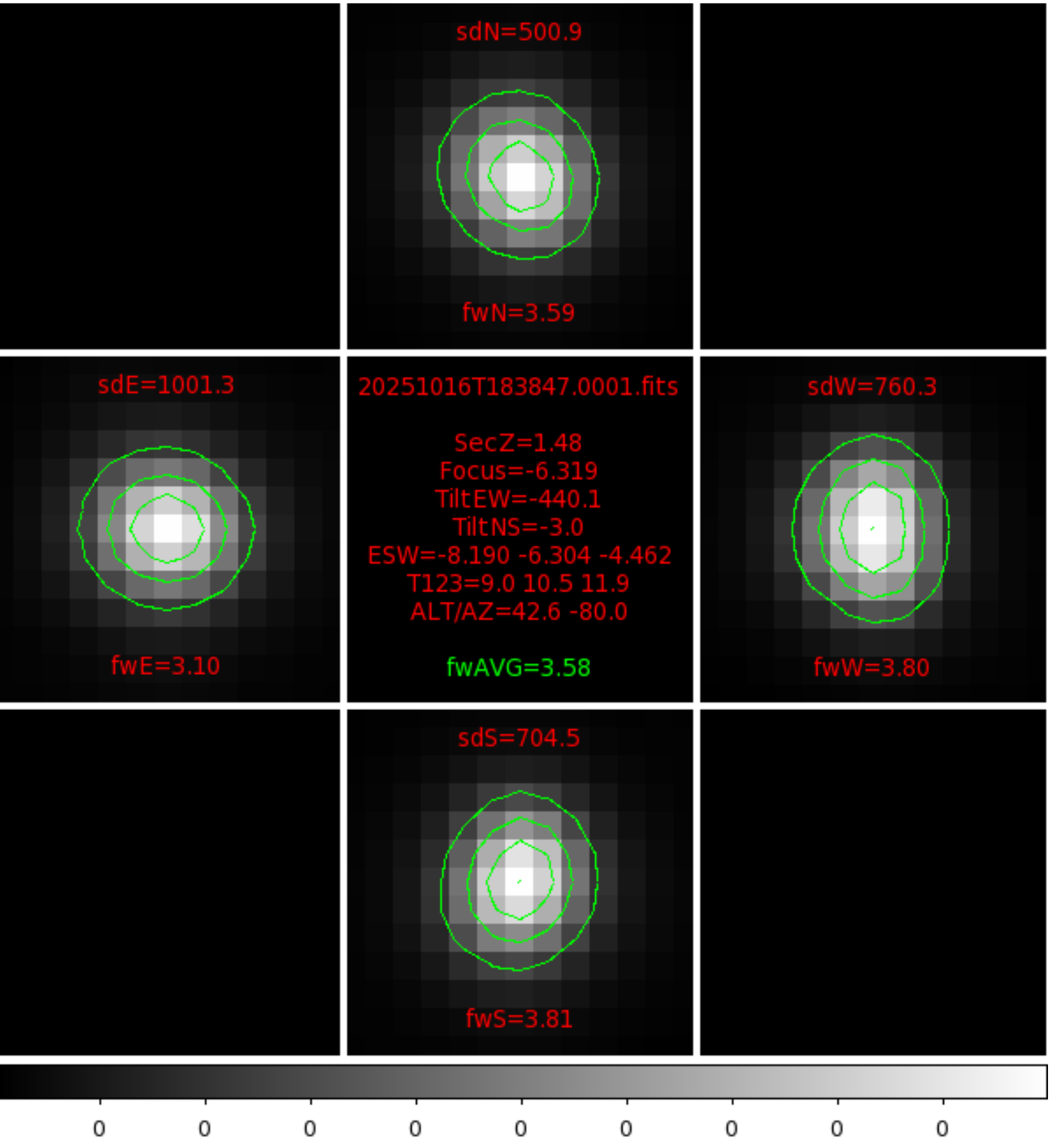
sdN=500.9
fwN=3.59
sdE=1001.3
fwE=3.10
20251016T183847.0001.fits
SecZ=1.48
Focus=-6.319
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.190 -6.304 -4.462
T123=9.0 10.5 11.9
ALT/AZ=42.6 -80.0
fwAVG=3.58
sdW=760.3
fwW=3.80
sdS=704.5
fwS=3.81
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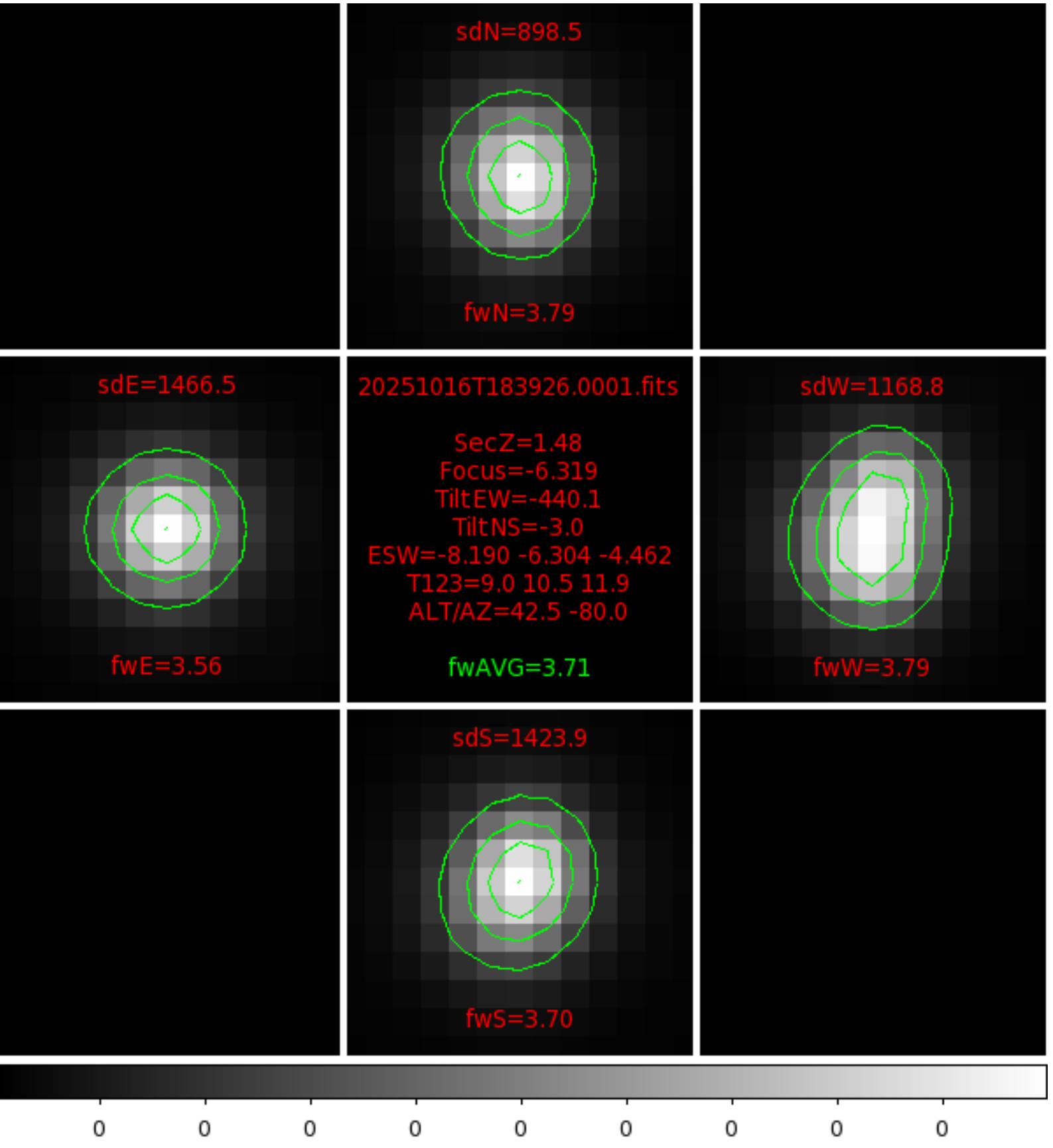
sdN=898.5
fwN=3.79
sdE=1466.5
fwE=3.56
20251016T183926.0001.fits
SecZ=1.48
Focus=-6.319
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.190 -6.304 -4.462
T123=9.0 10.5 11.9
ALT/AZ=42.5 -80.0
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sdW=1168.8
fwW=3.79
sdS=1423.9
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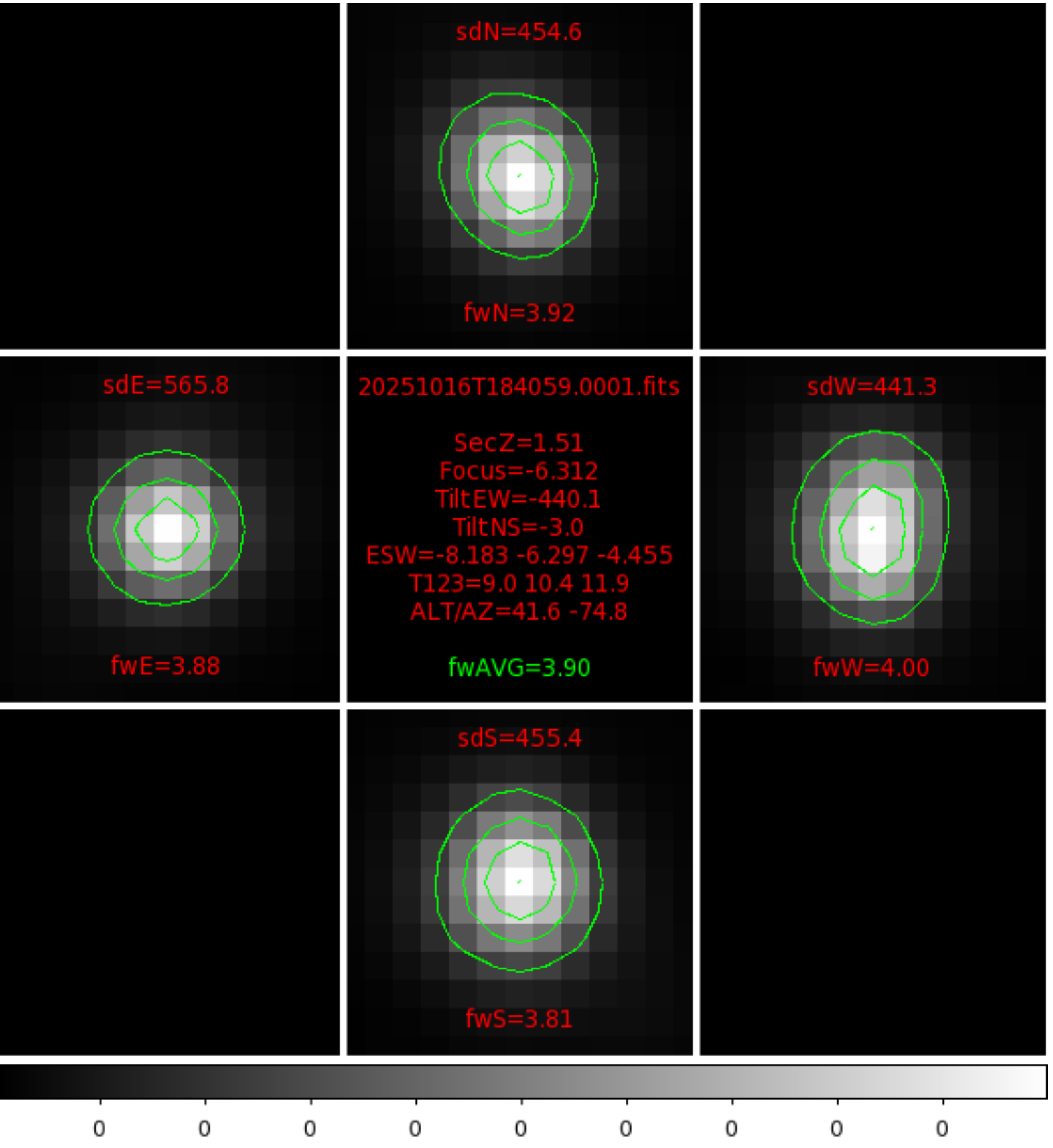
sdN=454.6
fwN=3.92
sdE=565.8
fwE=3.88
20251016T184059.0001.fits
SecZ=1.51
Focus=-6.312
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.183 -6.297 -4.455
T123=9.0 10.4 11.9
ALT/AZ=41.6 -74.8
fwAVG=3.90
sdW=441.3
fwW=4.00
sdS=455.4
fwS=3.81
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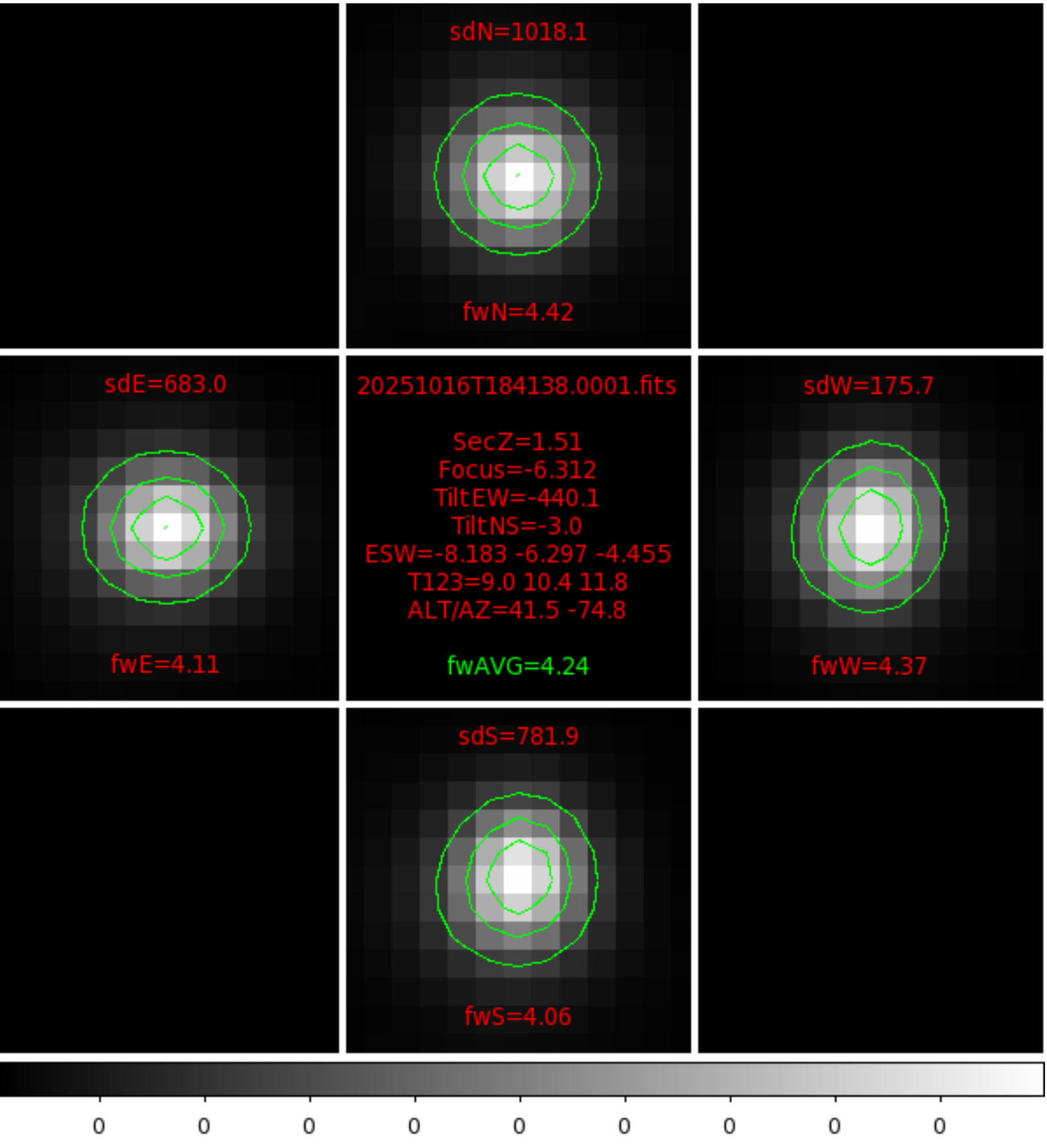
sdN=1018.1
fwN=4.42
sdE=683.0
fwE=4.11
20251016T184138.0001.fits
SecZ=1.51
Focus=-6.312
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.183 -6.297 -4.455
T123=9.0 10.4 11.8
ALT/AZ=41.5 -74.8
fwAVG=4.24
sdW=175.7
fwW=4.37
sdS=781.9
fwS=4.06
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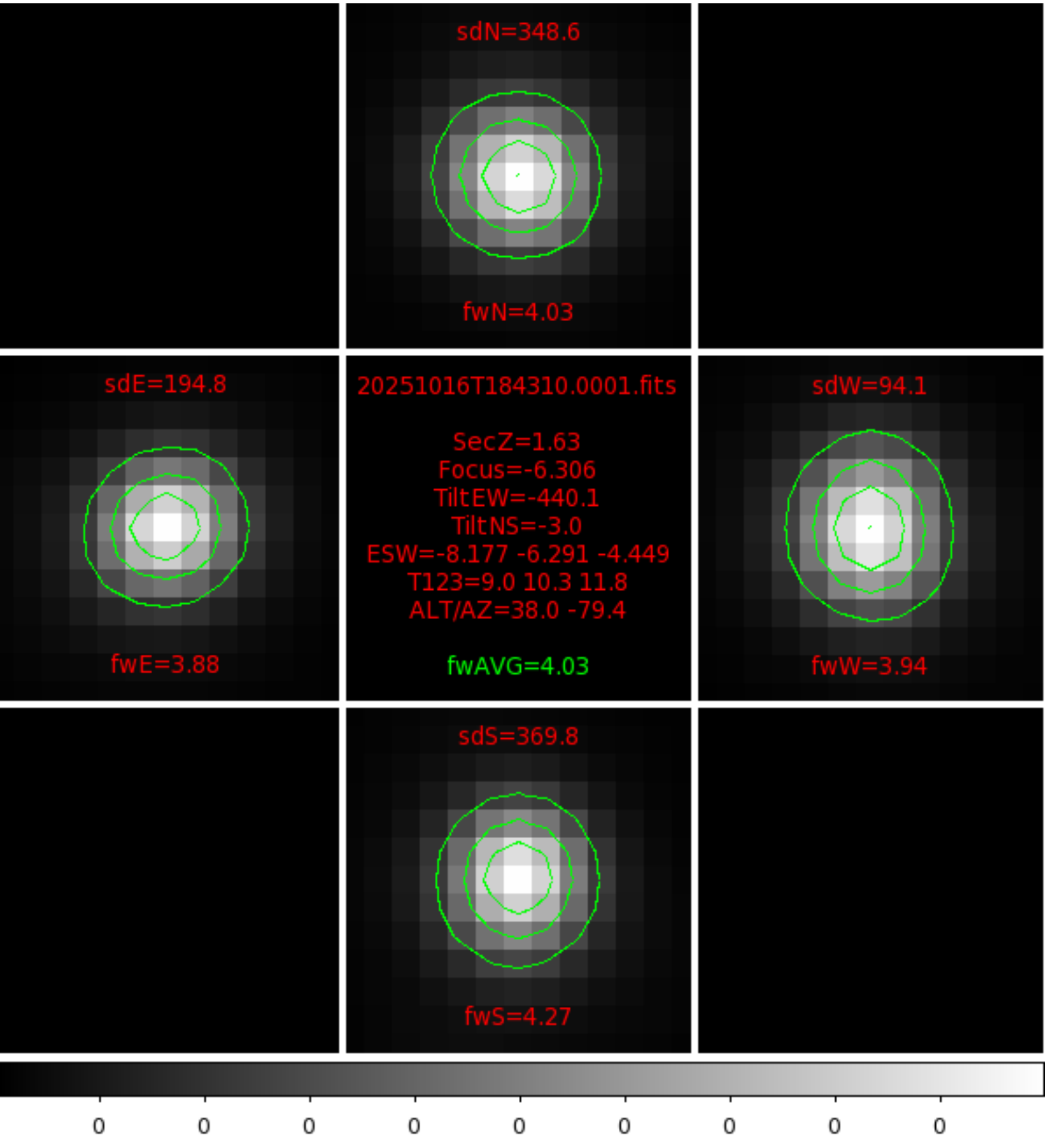
sdN=348.6
fwN=4.03
sdE=194.8
fwE=3.88
20251016T184310.0001.fits
SecZ=1.63
Focus=-6.306
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.177 -6.291 -4.449
T123=9.0 10.3 11.8
ALT/AZ=38.0 -79.4
fwAVG=4.03
sdW=94.1
fwW=3.94
sdS=369.8
fwS=4.27
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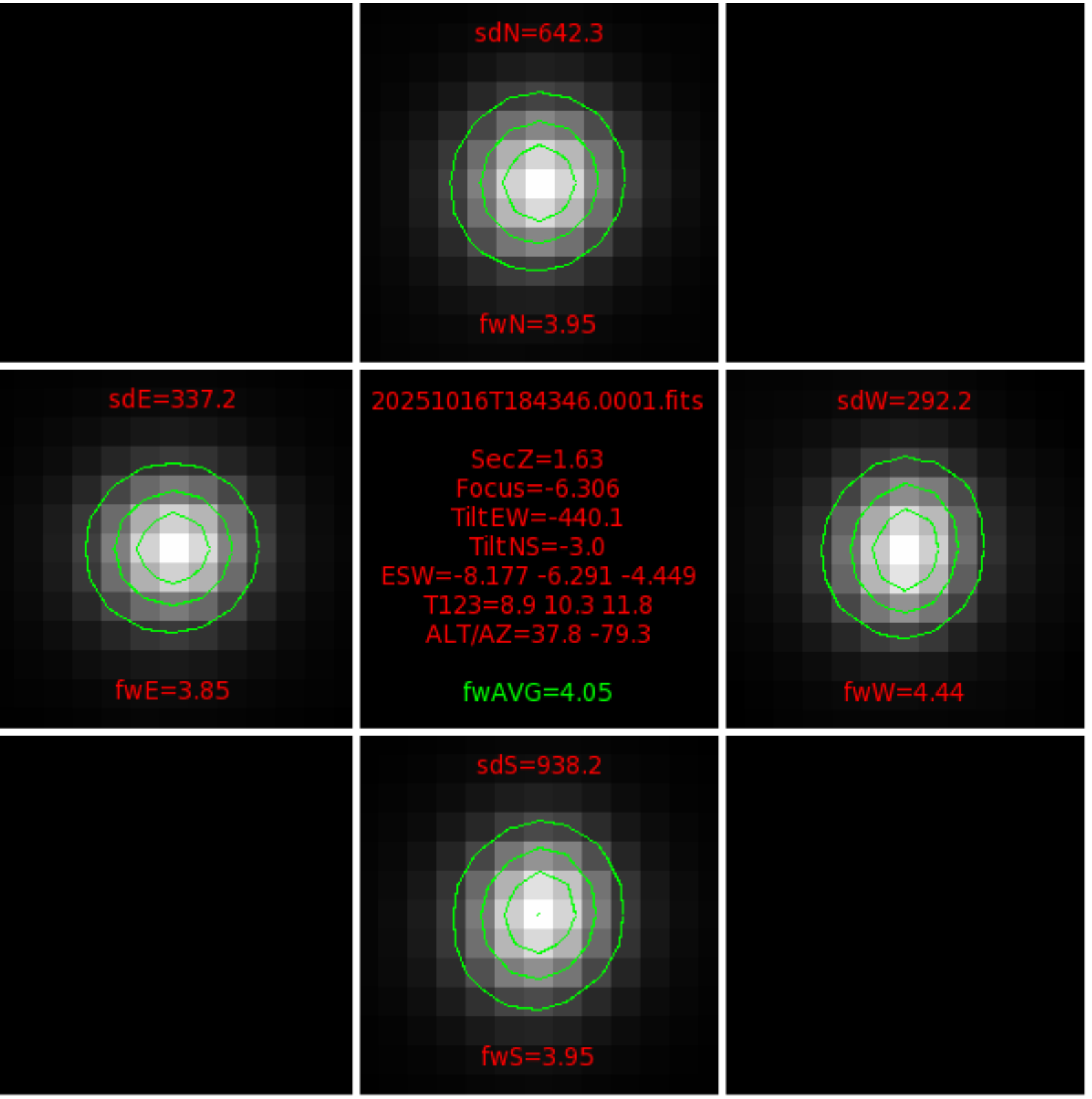
sdN=642.3
fwN=3.95
sdE=337.2
fwE=3.85
20251016T184346.0001.fits
SecZ=1.63
Focus=-6.306
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.177 -6.291 -4.449
T123=8.9 10.3 11.8
ALT/AZ=37.8 -79.3
fwAVG=4.05
sdW=292.2
fwW=4.44
sdS=938.2
fwS=3.95
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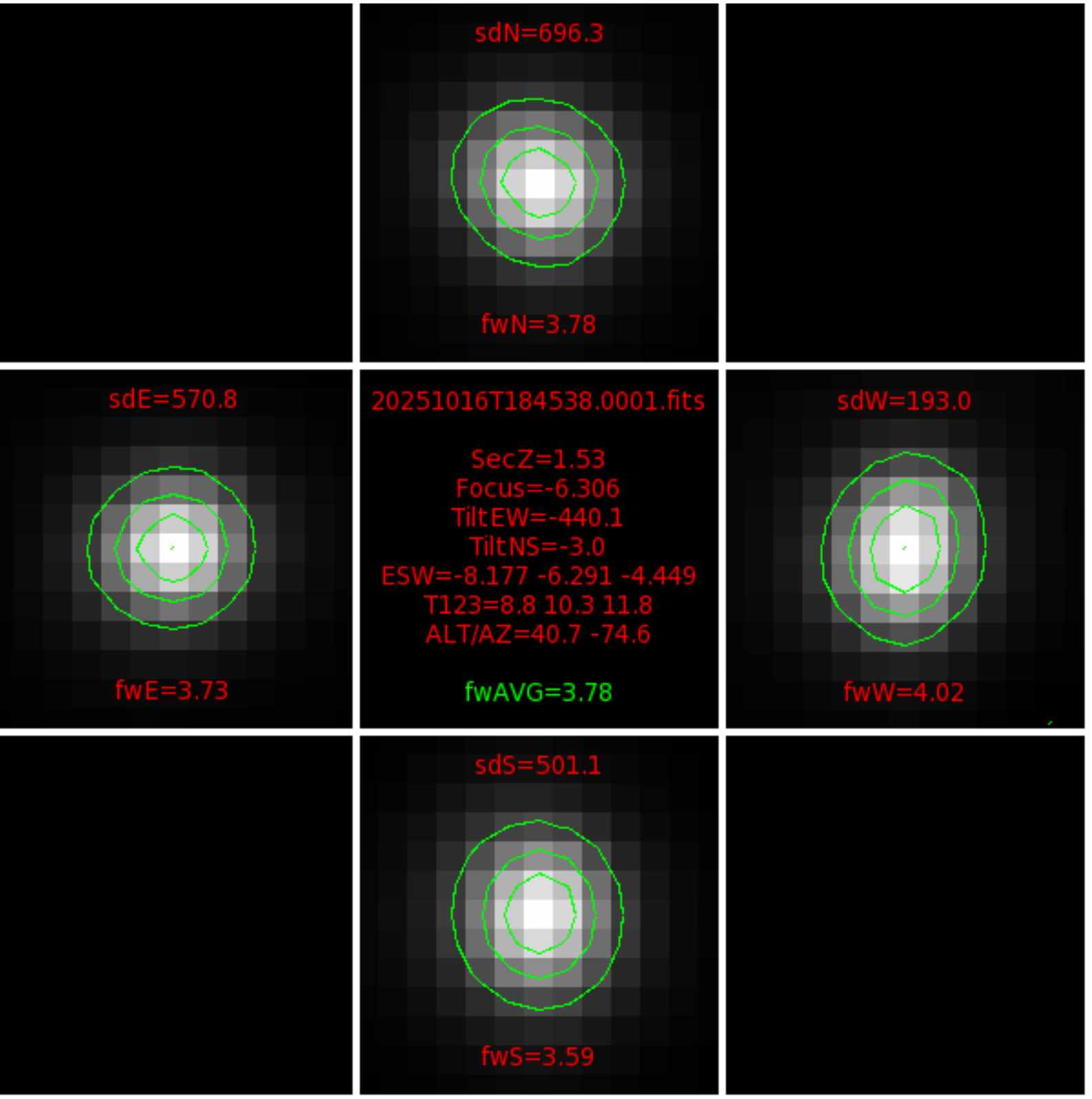
sdN=696.3
fwN=3.78
sdE=570.8
fwE=3.73
20251016T184538.0001.fits
SecZ=1.53
Focus=-6.306
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.177 -6.291 -4.449
T123=8.8 10.3 11.8
ALT/AZ=40.7 -74.6
fwAVG=3.78
sdW=193.0
fwW=4.02
sdS=501.1
fwS=3.59
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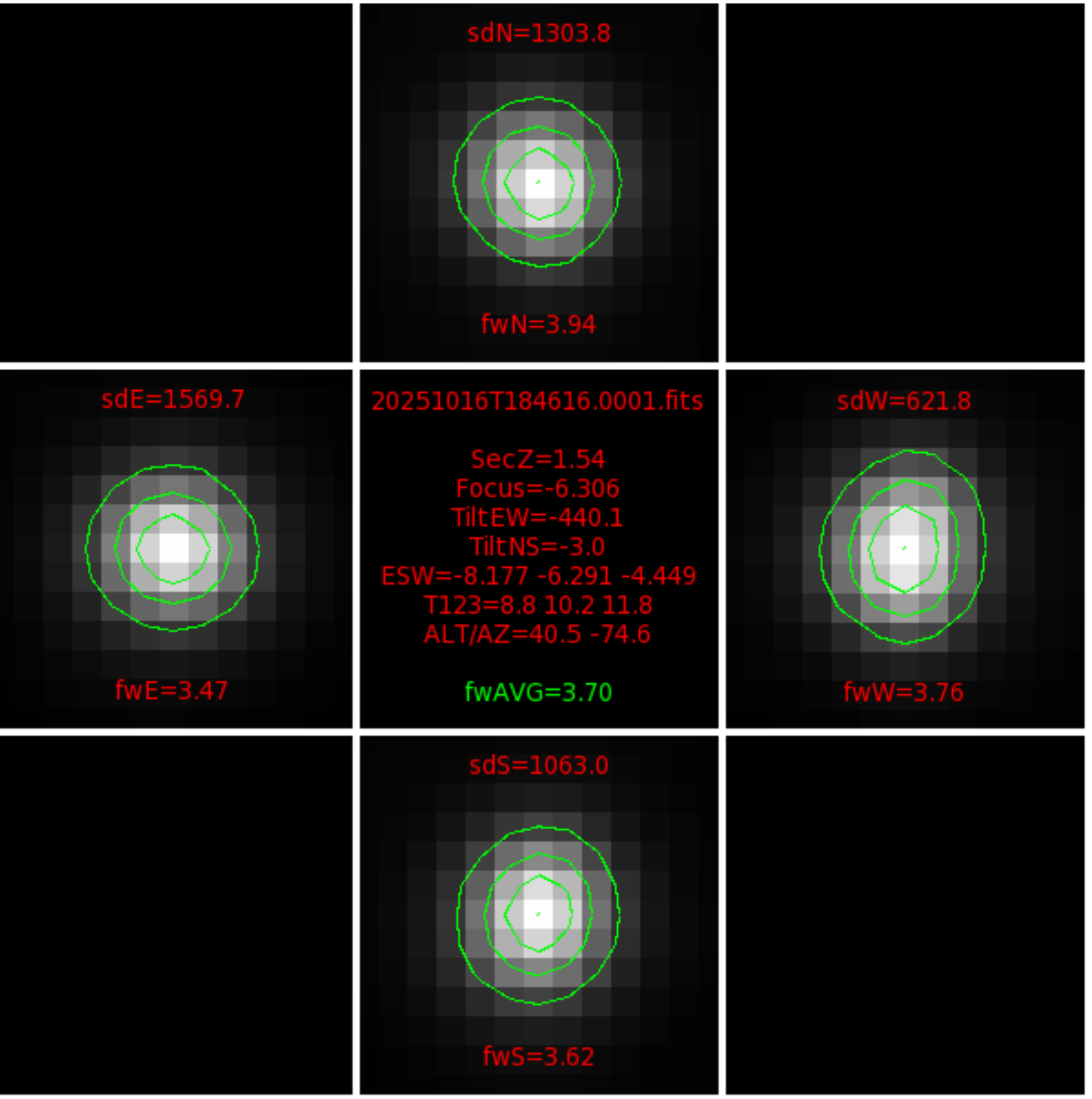
sdN=1303.8
fwN=3.94
sdE=1569.7
fwE=3.47
20251016T184616.0001.fits
SecZ=1.54
Focus=-6.306
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.177 -6.291 -4.449
T123=8.8 10.2 11.8
ALT/AZ=40.5 -74.6
fwAVG=3.70
sdW=621.8
fwW=3.76
sdS=1063.0
fwS=3.62
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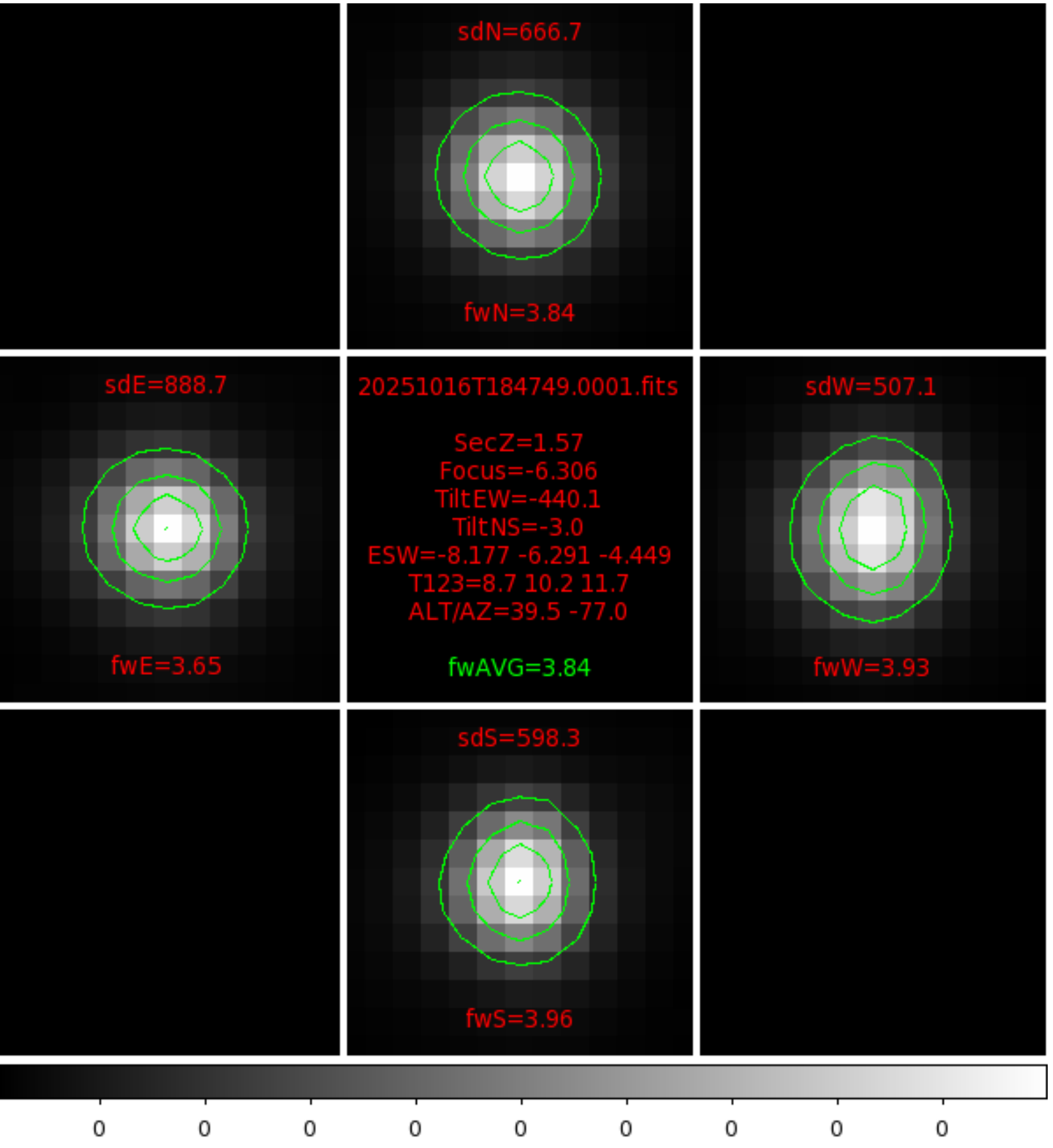
sdN=666.7
fwN=3.84
sdE=888.7
fwE=3.65
20251016T184749.0001.fits
SecZ=1.57
Focus=-6.306
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.177 -6.291 -4.449
T123=8.7 10.2 11.7
ALT/AZ=39.5 -77.0
fwAVG=3.84
sdW=507.1
fwW=3.93
sdS=598.3
fwS=3.96
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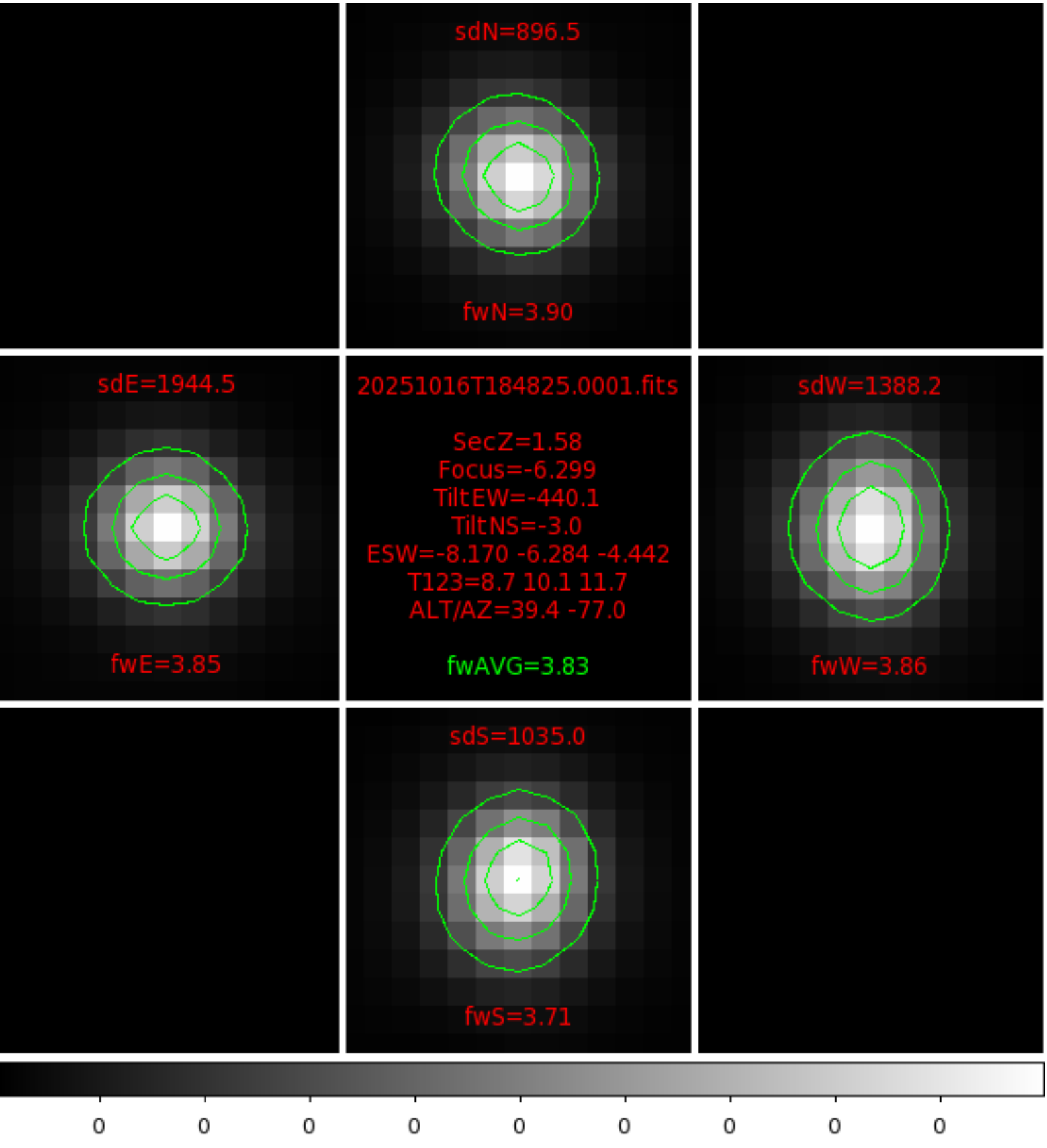
sdN=896.5
fwN=3.90
sdE=1944.5
fwE=3.85
20251016T184825.0001.fits
SecZ=1.58
Focus=-6.299
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.170 -6.284 -4.442
T123=8.7 10.1 11.7
ALT/AZ=39.4 -77.0
fwAVG=3.83
sdW=1388.2
fwW=3.86
sdS=1035.0
fwS=3.71
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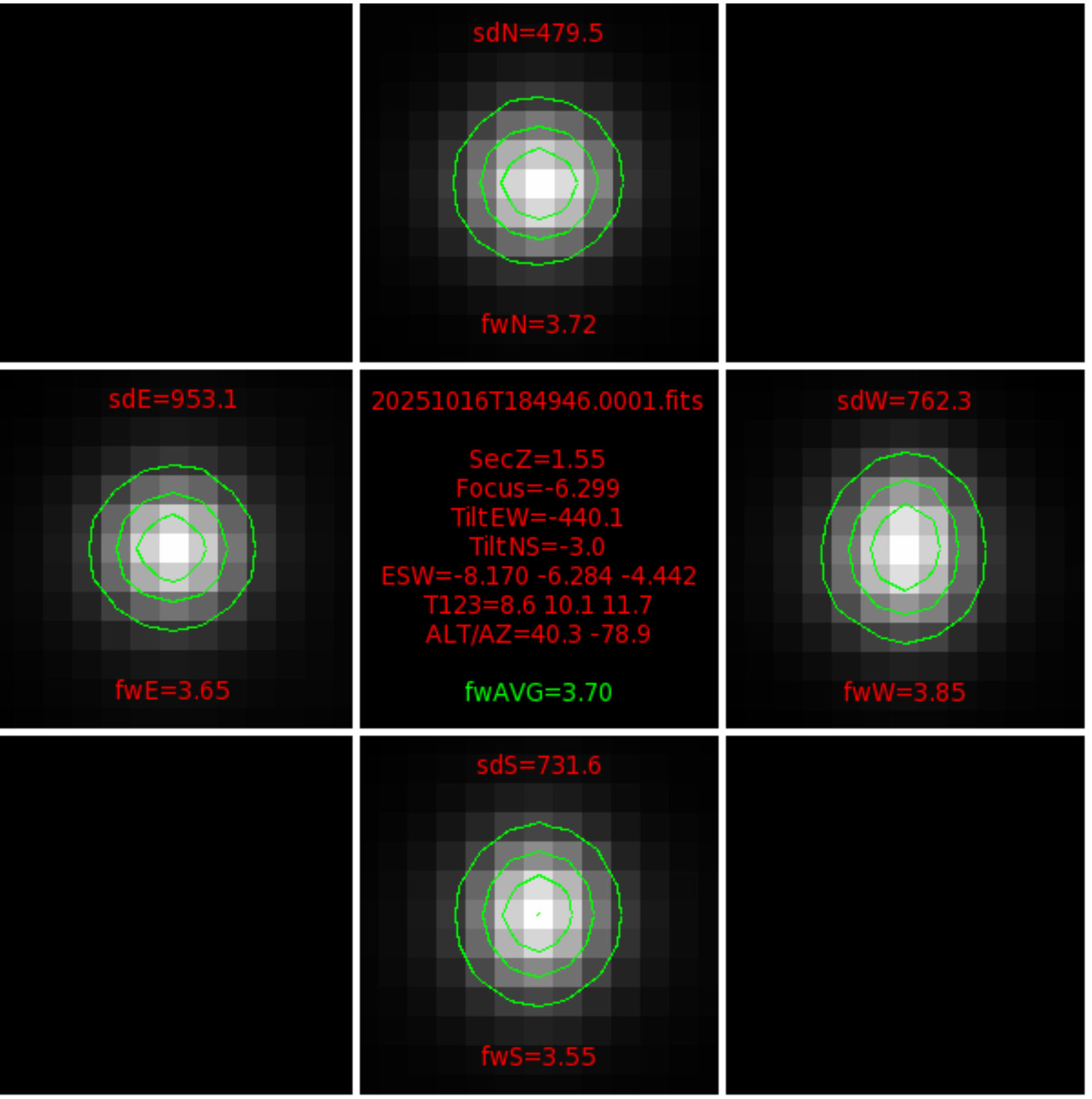
sdN=479.5
fwN=3.72
sdE=953.1
fwE=3.65
20251016T184946.0001.fits
SecZ=1.55
Focus=-6.299
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.170 -6.284 -4.442
T123=8.6 10.1 11.7
ALT/AZ=40.3 -78.9
fwAVG=3.70
sdW=762.3
fwW=3.85
sdS=731.6
fwS=3.55
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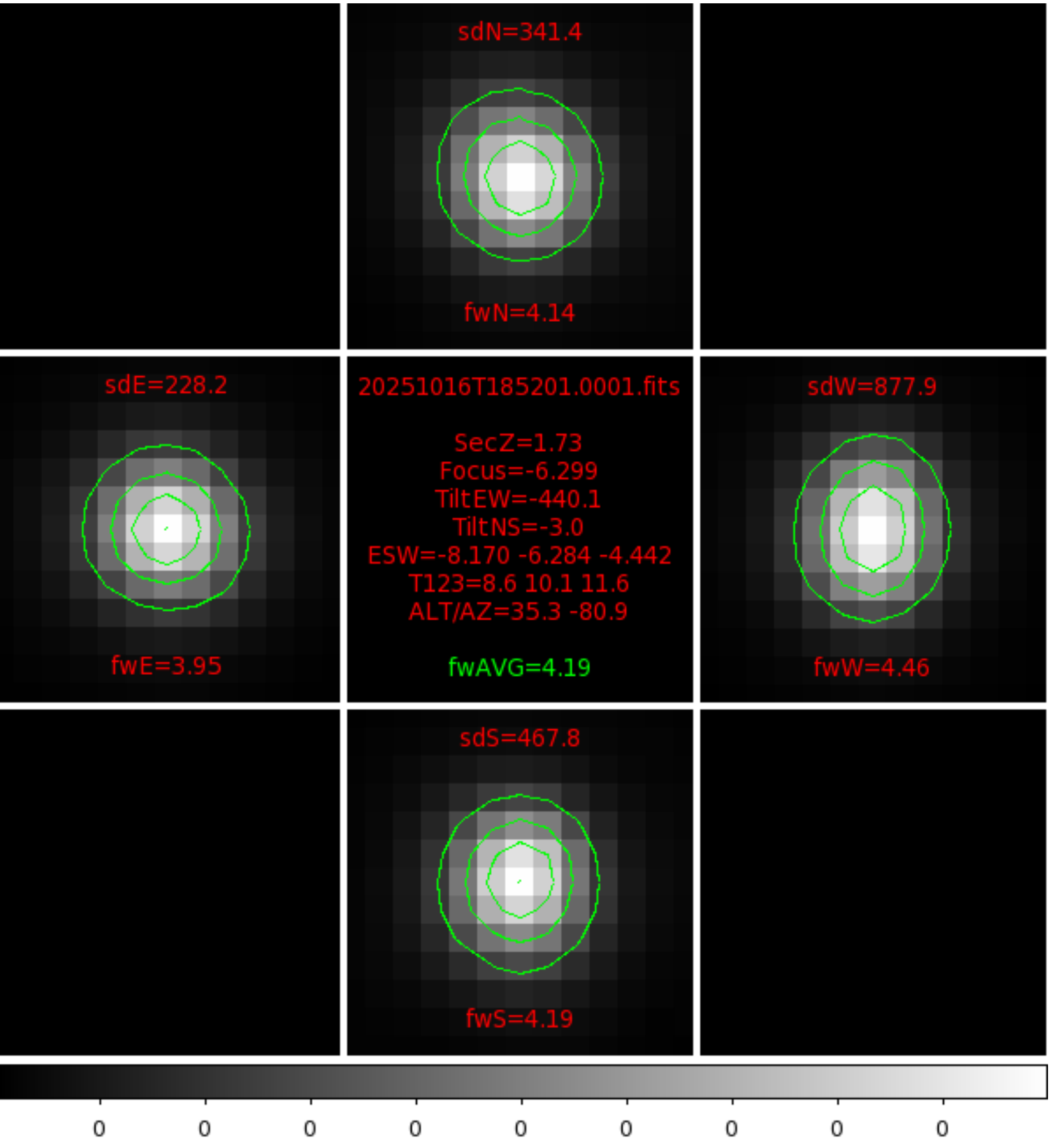
sdN=341.4
fwN=4.14
sdE=228.2
fwE=3.95
20251016T185201.0001.fits
SecZ=1.73
Focus=-6.299
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.170 -6.284 -4.442
T123=8.6 10.1 11.6
ALT/AZ=35.3 -80.9
fwAVG=4.19
sdW=877.9
fwW=4.46
sdS=467.8
fwS=4.19
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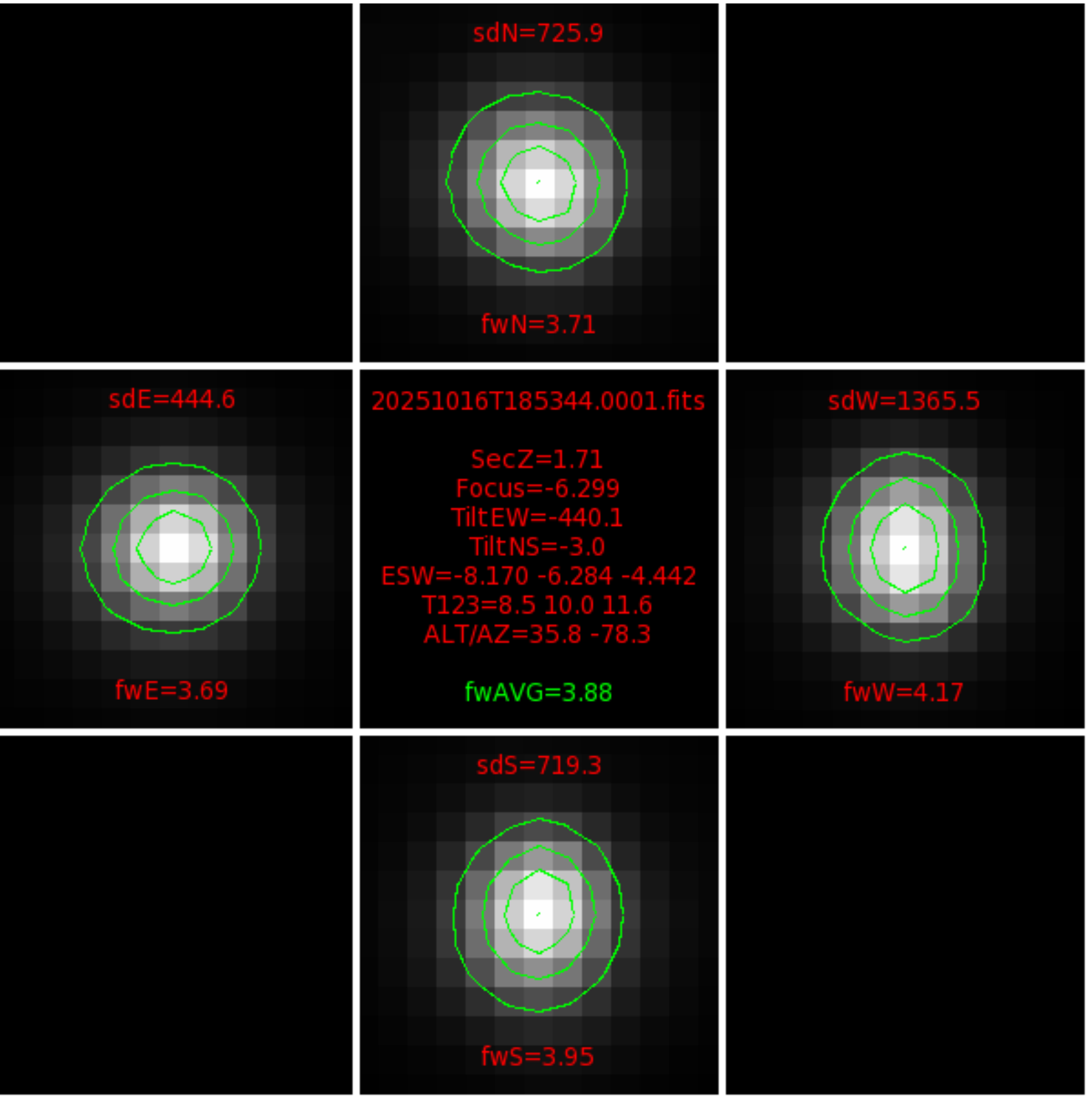
sdN=725.9
fwN=3.71
sdE=444.6
fwE=3.69
20251016T185344.0001.fits
SecZ=1.71
Focus=-6.299
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.170 -6.284 -4.442
T123=8.5 10.0 11.6
ALT/AZ=35.8 -78.3
fwAVG=3.88
sdW=1365.5
fwW=4.17
sdS=719.3
fwS=3.95
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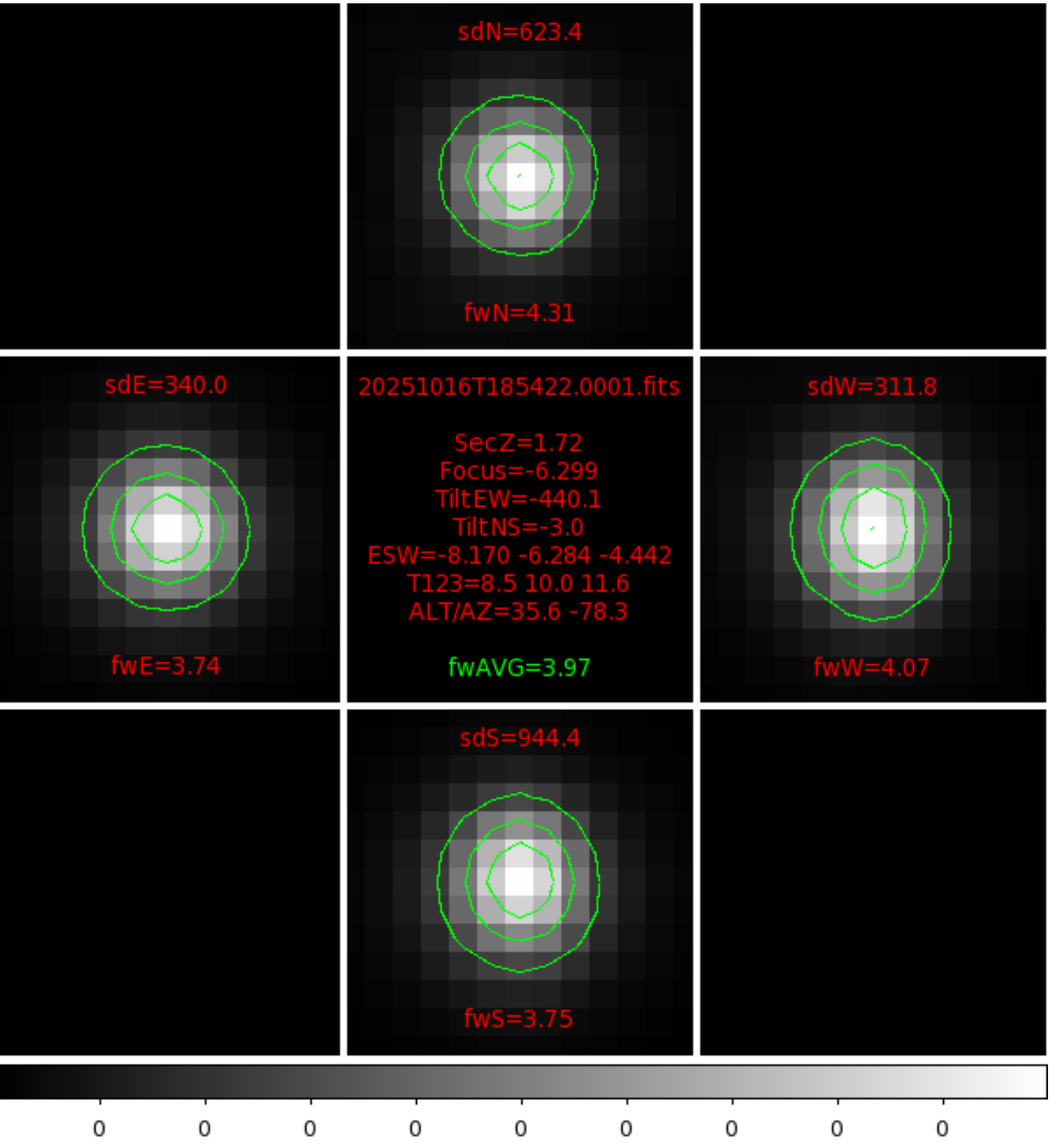
sdN=623.4
fwN=4.31
sdE=340.0
fwE=3.74
20251016T185422.0001.fits
SecZ=1.72
Focus=-6.299
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.170 -6.284 -4.442
T123=8.5 10.0 11.6
ALT/AZ=35.6 -78.3
fwAVG=3.97
sdW=311.8
fwW=4.07
sdS=944.4
fwS=3.75
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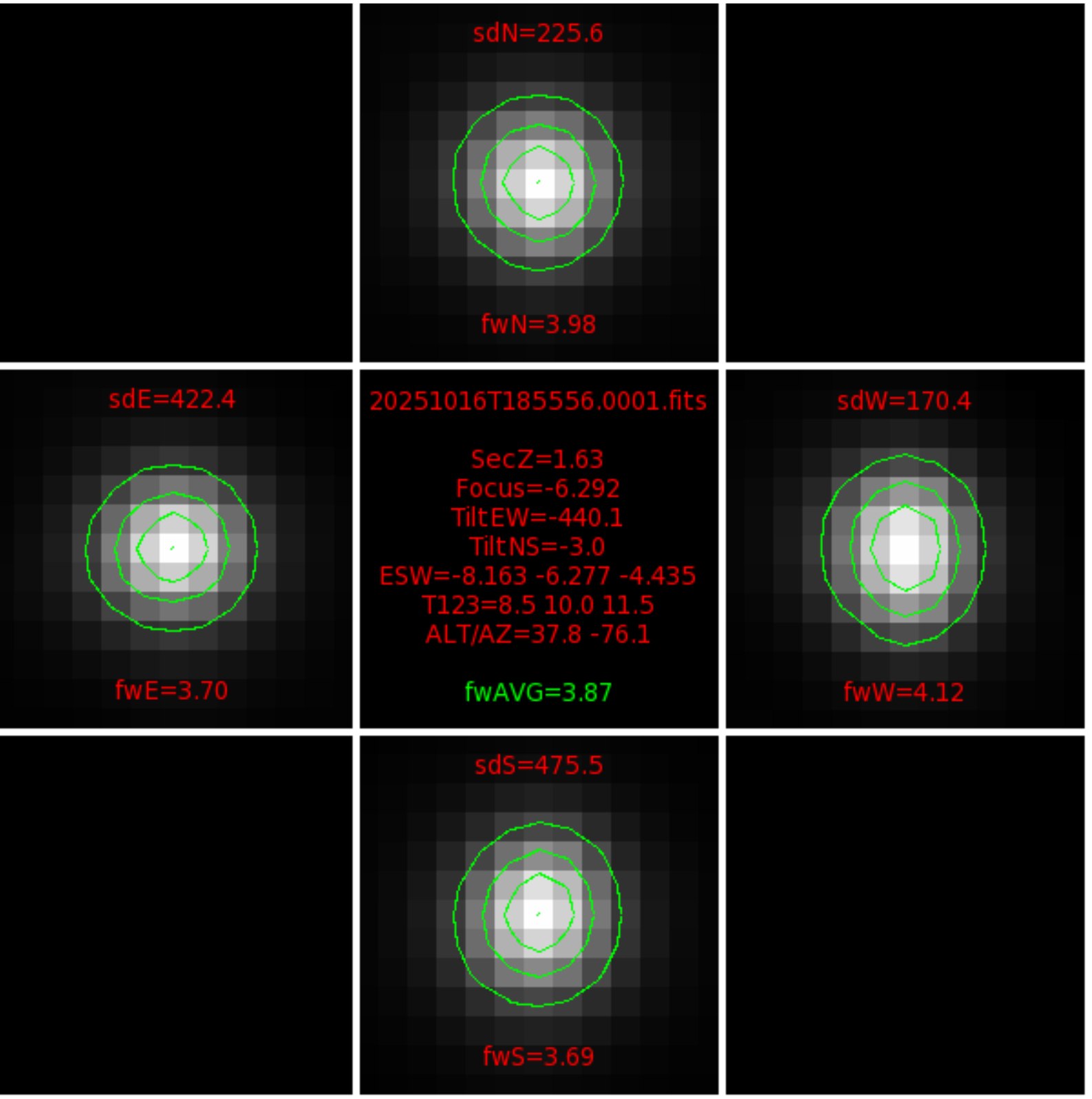
sdN=225.6
fwN=3.98
sdE=422.4
fwE=3.70
20251016T185556.0001.fits
SecZ=1.63
Focus=-6.292
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.163 -6.277 -4.435
T123=8.5 10.0 11.5
ALT/AZ=37.8 -76.1
fwAVG=3.87
sdW=170.4
fwW=4.12
sdS=475.5
fwS=3.69
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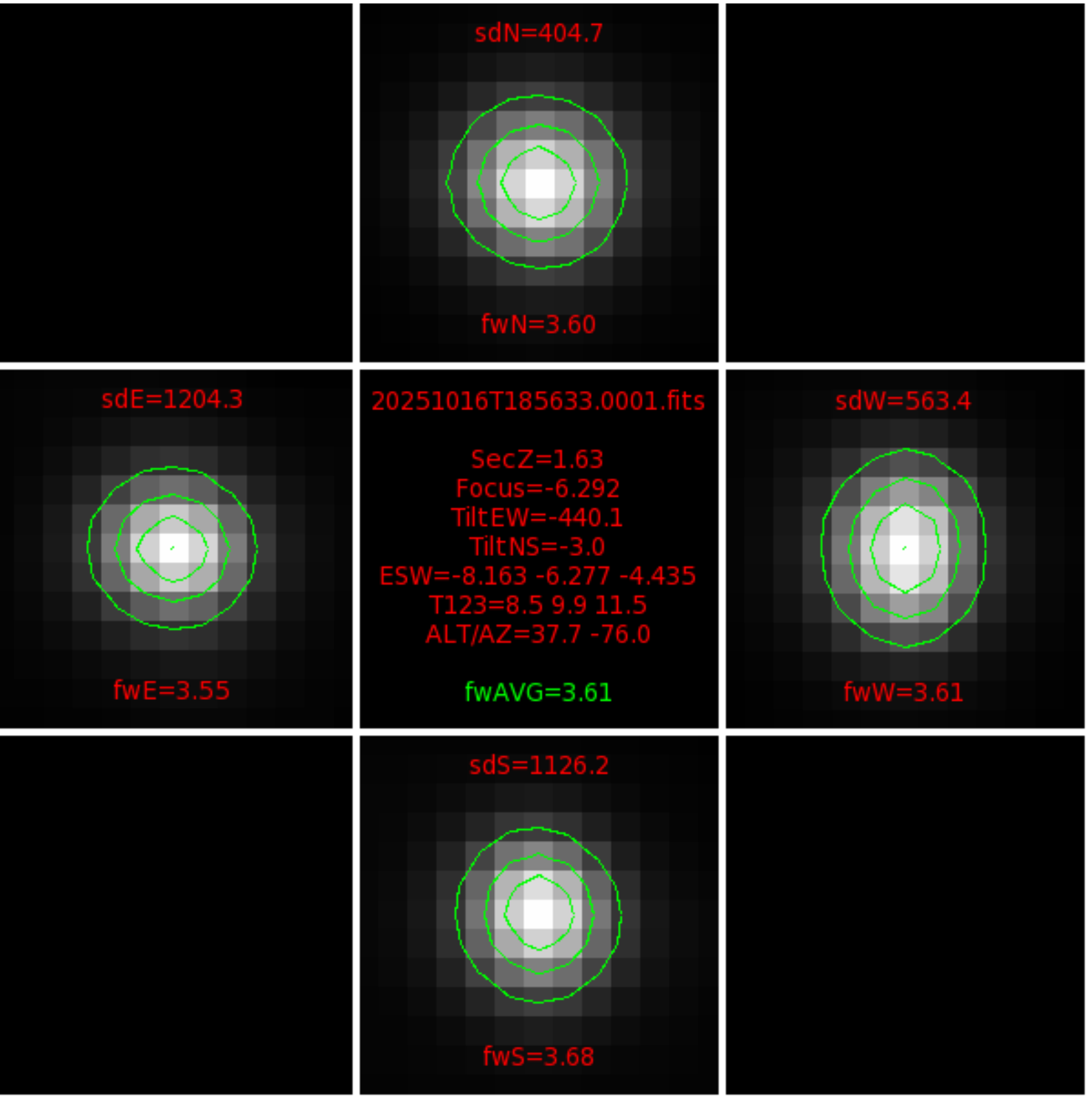
sdN=404.7
fwN=3.60
sdE=1204.3
fwE=3.55
20251016T185633.0001.fits
SecZ=1.63
Focus=-6.292
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.163 -6.277 -4.435
T123=8.5 9.9 11.5
ALT/AZ=37.7 -76.0
fwAVG=3.61
sdW=563.4
fwW=3.61
sdS=1126.2
fwS=3.68
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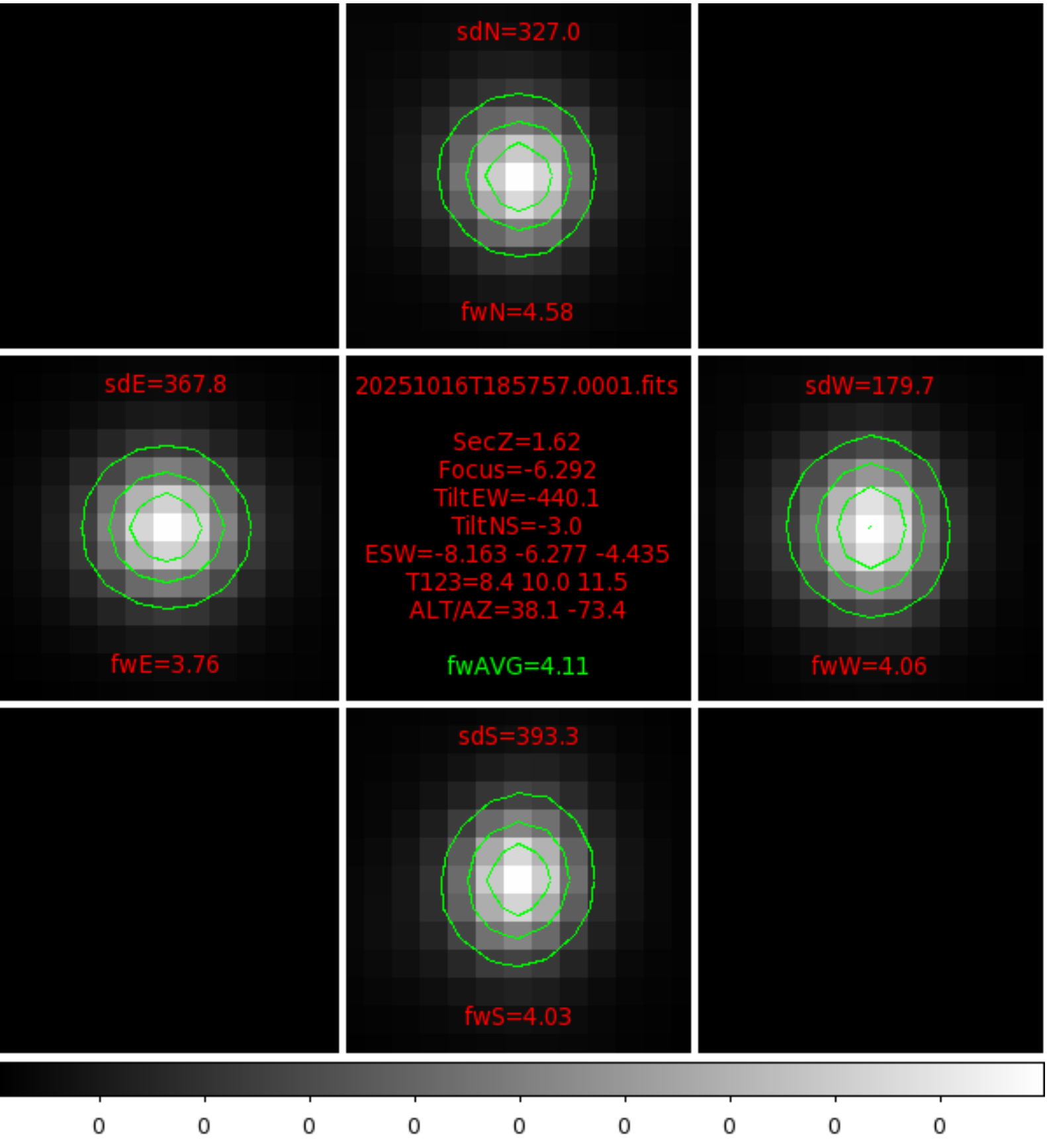
sdN=327.0
fwN=4.58
sdE=367.8
fwE=3.76
20251016T185757.0001.fits
SecZ=1.62
Focus=-6.292
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.163 -6.277 -4.435
T123=8.4 10.0 11.5
ALT/AZ=38.1 -73.4
fwAVG=4.11
sdW=179.7
fwW=4.06
sdS=393.3
fwS=4.03
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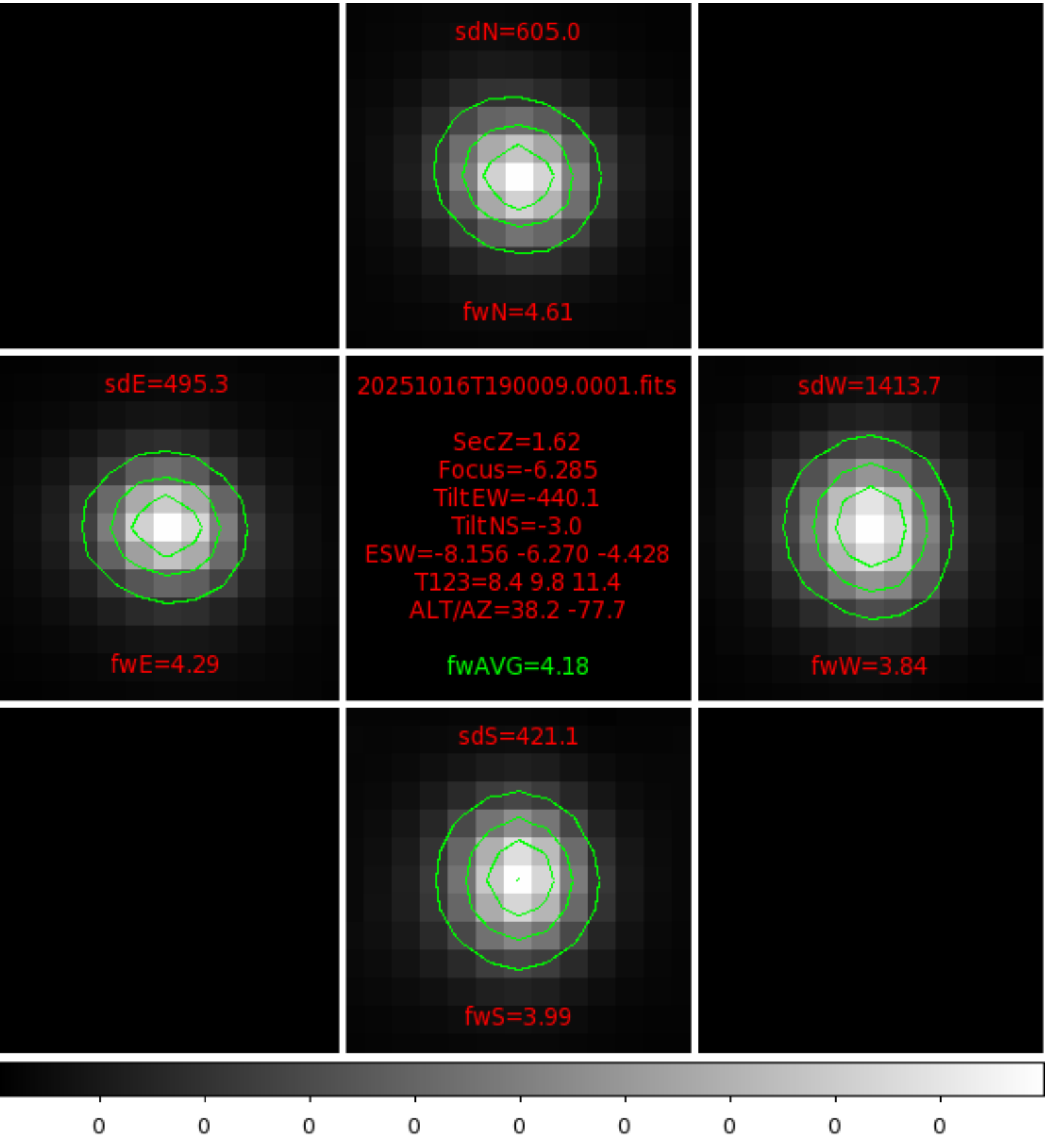
sdN=605.0
fwN=4.61
sdE=495.3
fwE=4.29
20251016T190009.0001.fits
SecZ=1.62
Focus=-6.285
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.156 -6.270 -4.428
T123=8.4 9.8 11.4
ALT/AZ=38.2 -77.7
fwAVG=4.18
sdW=1413.7
fwW=3.84
sdS=421.1
fwS=3.99
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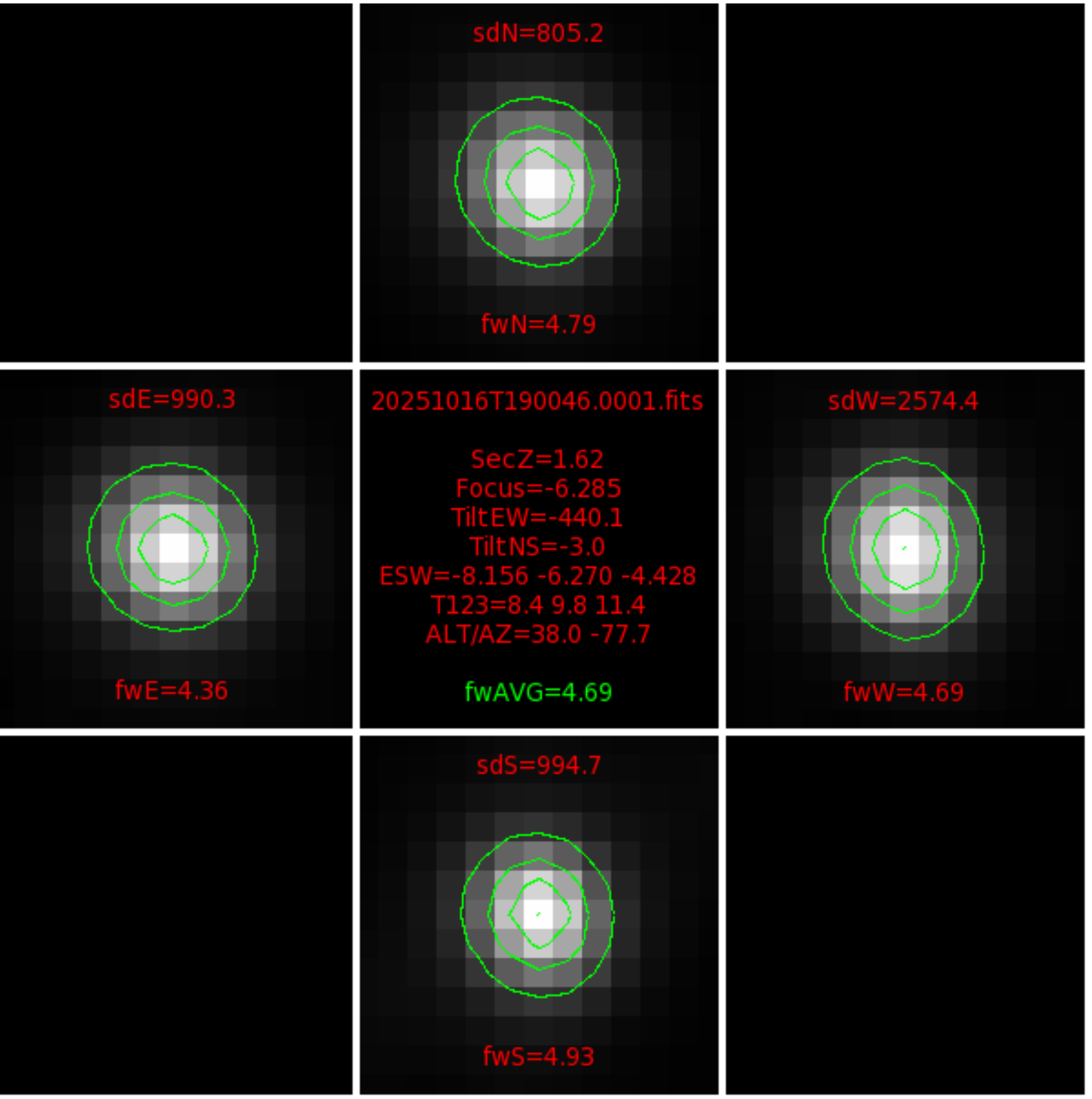
sdN=805.2
fwN=4.79
sdE=990.3
fwE=4.36
20251016T190046.0001.fits
SecZ=1.62
Focus=-6.285
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.156 -6.270 -4.428
T123=8.4 9.8 11.4
ALT/AZ=38.0 -77.7
fwAVG=4.69
sdW=2574.4
fwW=4.69
sdS=994.7
fwS=4.93
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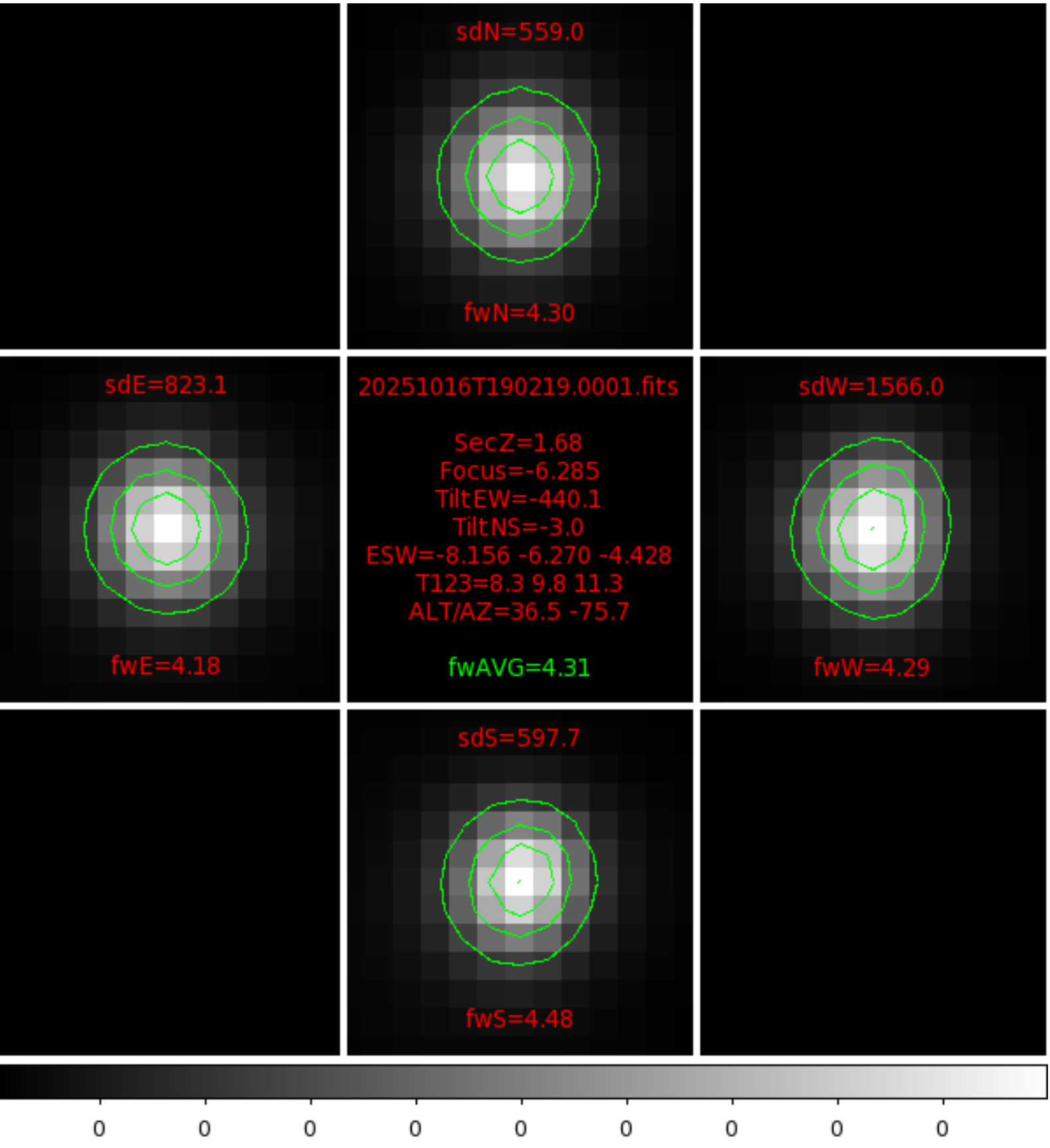
sdN=559.0
fwN=4.30
sdE=823.1
fwE=4.18
20251016T190219.0001.fits
SecZ=1.68
Focus=-6.285
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.156 -6.270 -4.428
T123=8.3 9.8 11.3
ALT/AZ=36.5 -75.7
fwAVG=4.31
sdW=1566.0
fwW=4.29
sdS=597.7
fwS=4.48
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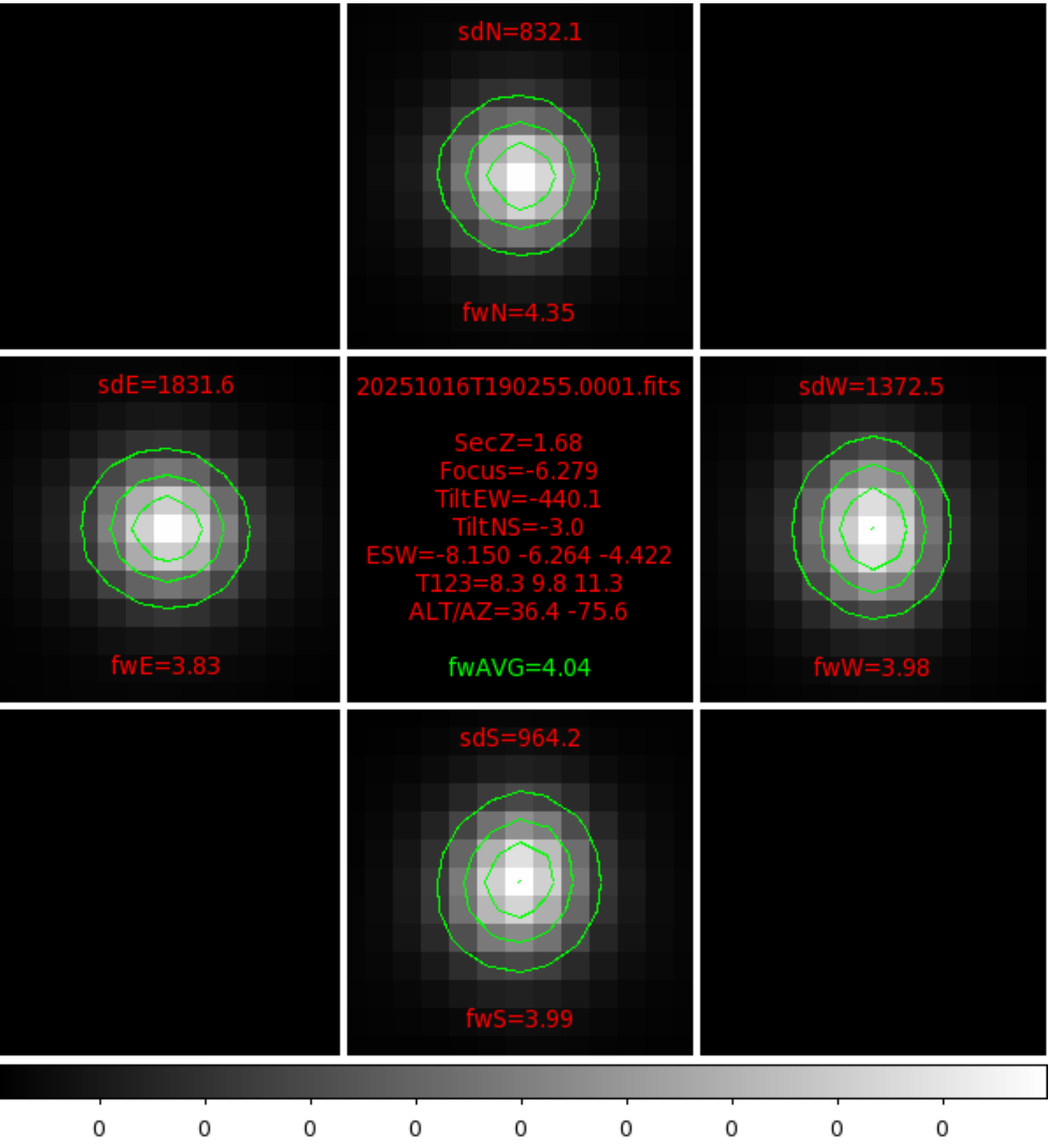
sdN=832.1
fwN=4.35
sdE=1831.6
fwE=3.83
20251016T190255.0001.fits
SecZ=1.68
Focus=-6.279
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.150 -6.264 -4.422
T123=8.3 9.8 11.3
ALT/AZ=36.4 -75.6
fwAVG=4.04
sdW=1372.5
fwW=3.98
sdS=964.2
fwS=3.99
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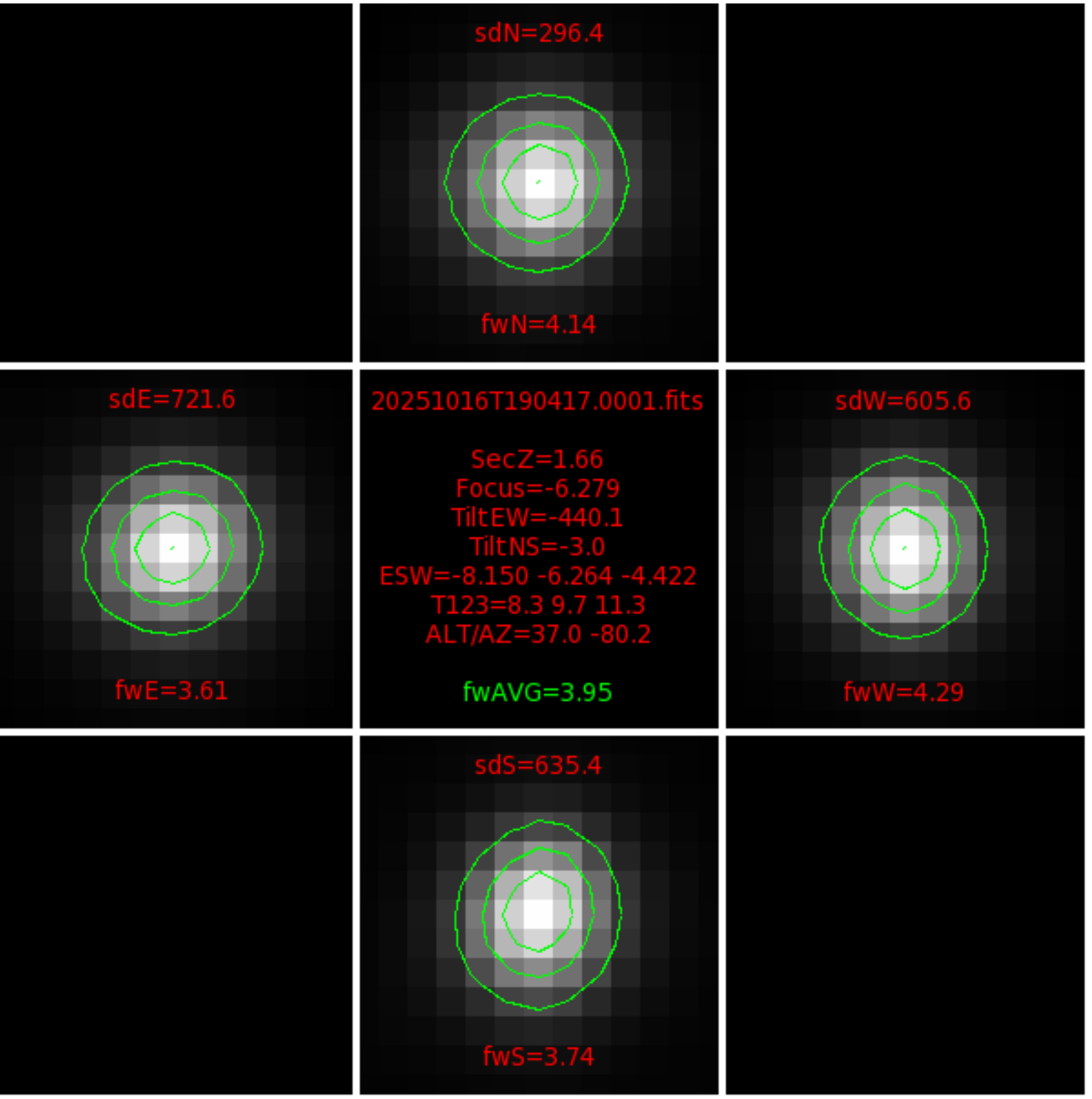
sdN=296.4
fwN=4.14
sdE=721.6
fwE=3.61
20251016T190417.0001.fits
SecZ=1.66
Focus=-6.279
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.150 -6.264 -4.422
T123=8.3 9.7 11.3
ALT/AZ=37.0 -80.2
fwAVG=3.95
sdW=605.6
fwW=4.29
sdS=635.4
fwS=3.74
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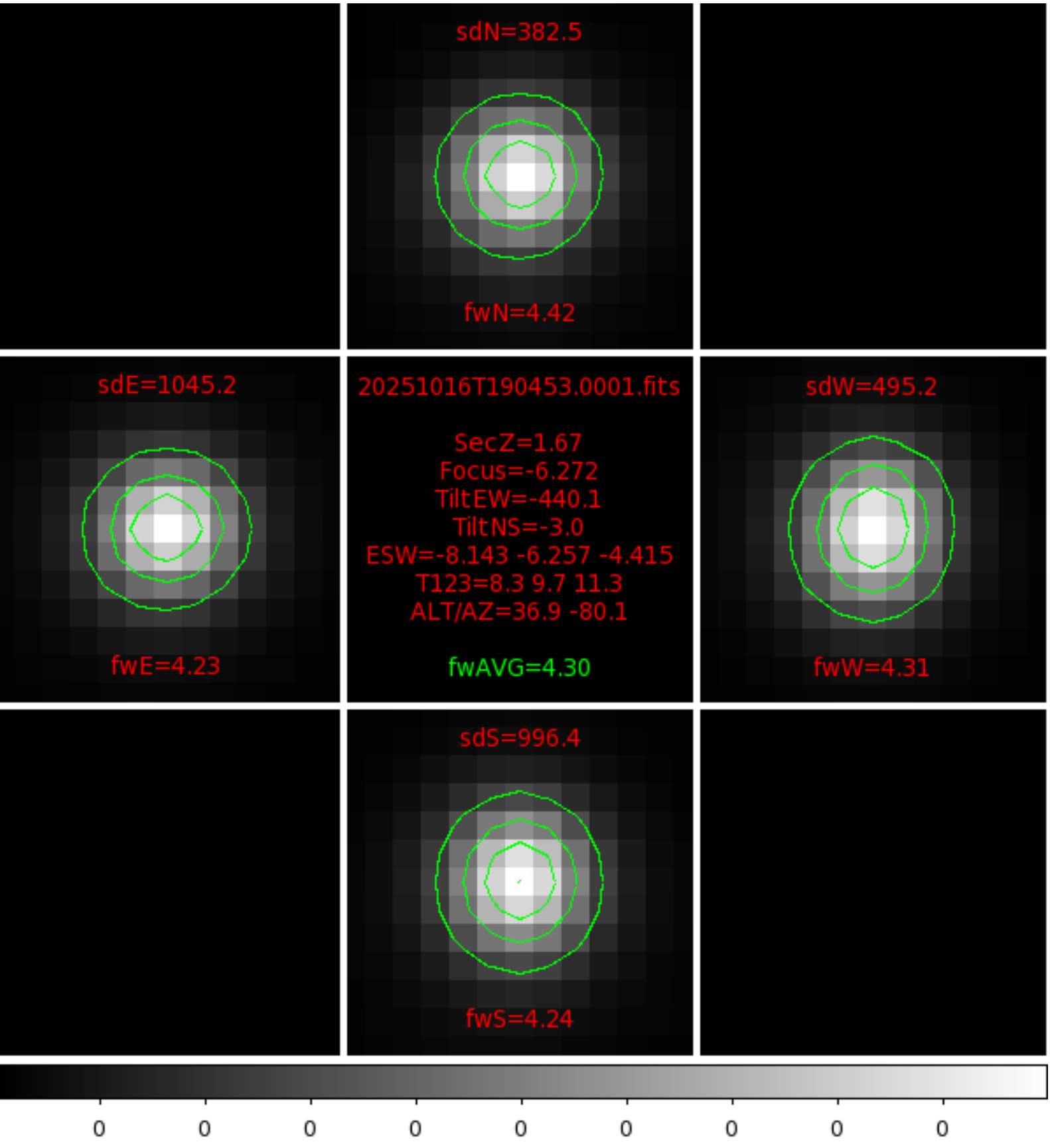
sdN=382.5
fwN=4.42
sdE=1045.2
fwE=4.23
20251016T190453.0001.fits
SecZ=1.67
Focus=-6.272
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.143 -6.257 -4.415
T123=8.3 9.7 11.3
ALT/AZ=36.9 -80.1
fwAVG=4.30
sdW=495.2
fwW=4.31
sdS=996.4
fwS=4.24
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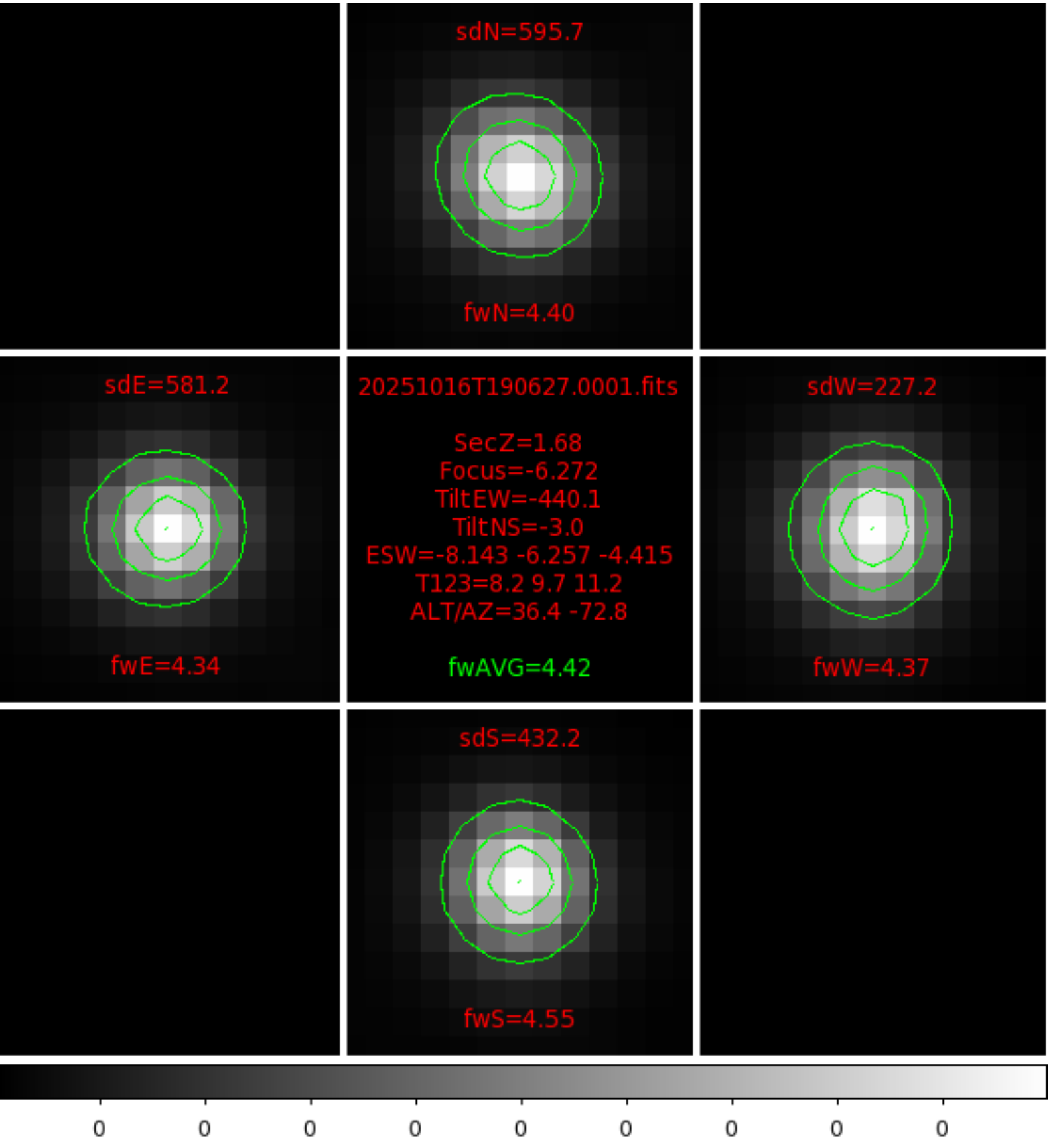
sdN=595.7
fwN=4.40
sdE=581.2
fwE=4.34
20251016T190627.0001.fits
SecZ=1.68
Focus=-6.272
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.143 -6.257 -4.415
T123=8.2 9.7 11.2
ALT/AZ=36.4 -72.8
fwAVG=4.42
sdW=227.2
fwW=4.37
sdS=432.2
fwS=4.55
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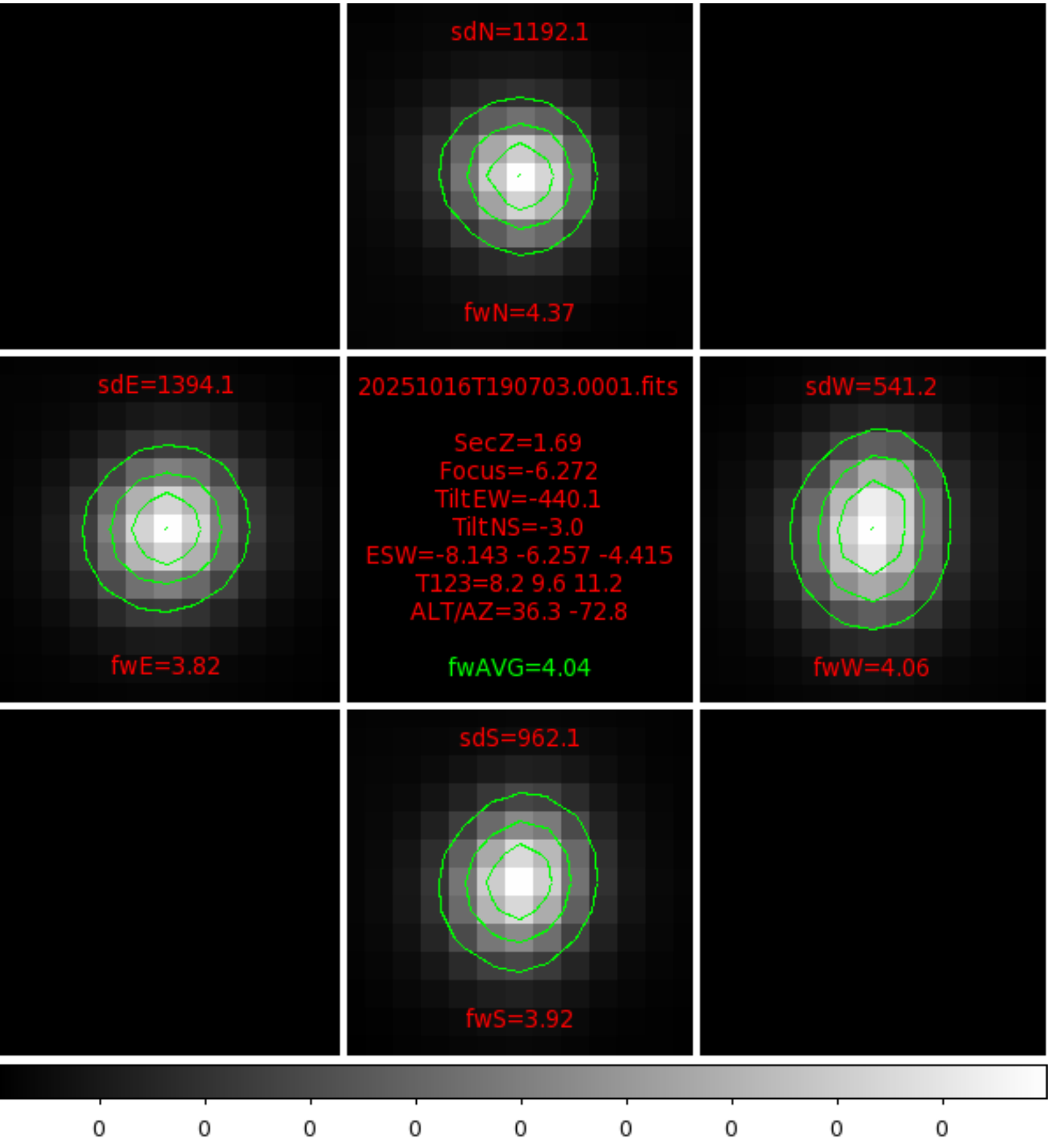
sdN=1192.1
fwN=4.37
sdE=1394.1
fwE=3.82
20251016T190703.0001.fits
SecZ=1.69
Focus=-6.272
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.143 -6.257 -4.415
T123=8.2 9.6 11.2
ALT/AZ=36.3 -72.8
fwAVG=4.04
sdW=541.2
fwW=4.06
sdS=962.1
fwS=3.92
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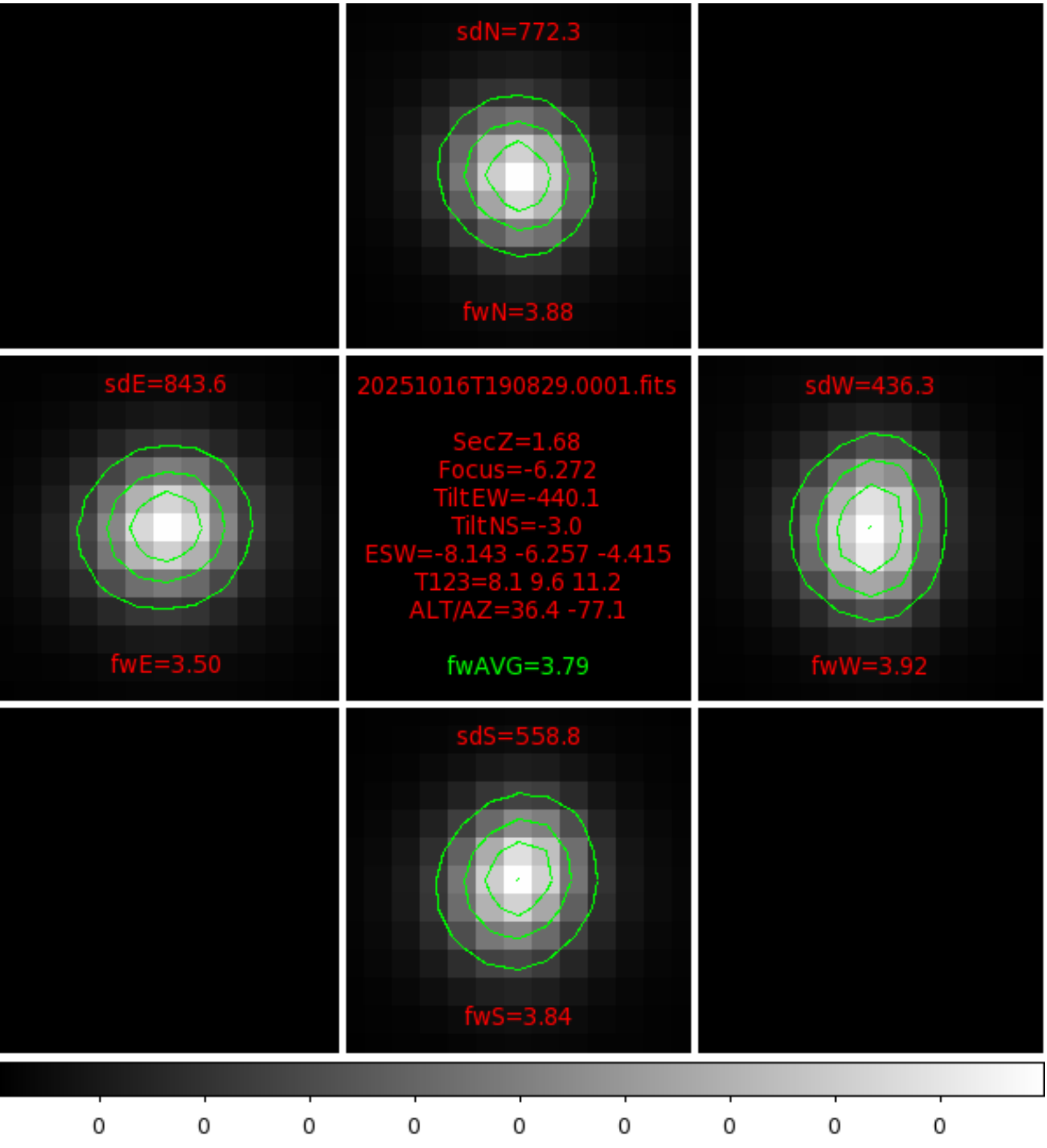
sdN=772.3
fwN=3.88
sdE=843.6
fwE=3.50
20251016T190829.0001.fits
SecZ=1.68
Focus=-6.272
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.143 -6.257 -4.415
T123=8.1 9.6 11.2
ALT/AZ=36.4 -77.1
fwAVG=3.79
sdW=436.3
fwW=3.92
sdS=558.8
fwS=3.84
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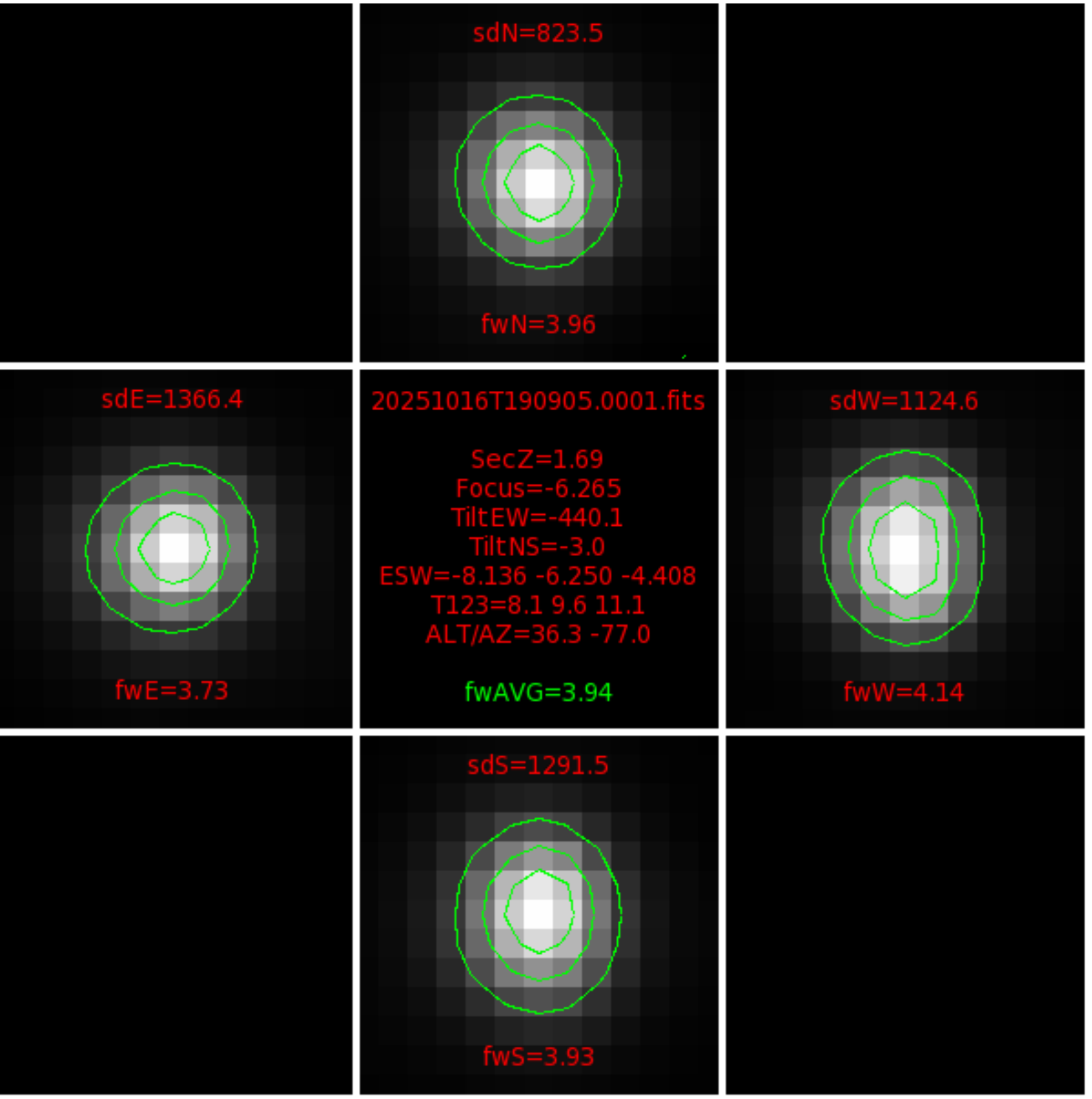
sdN=823.5
fwN=3.96
sdE=1366.4
fwE=3.73
20251016T190905.0001.fits
SecZ=1.69
Focus=-6.265
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.136 -6.250 -4.408
T123=8.1 9.6 11.1
ALT/AZ=36.3 -77.0
fwAVG=3.94
sdW=1124.6
fwW=4.14
sdS=1291.5
fwS=3.93
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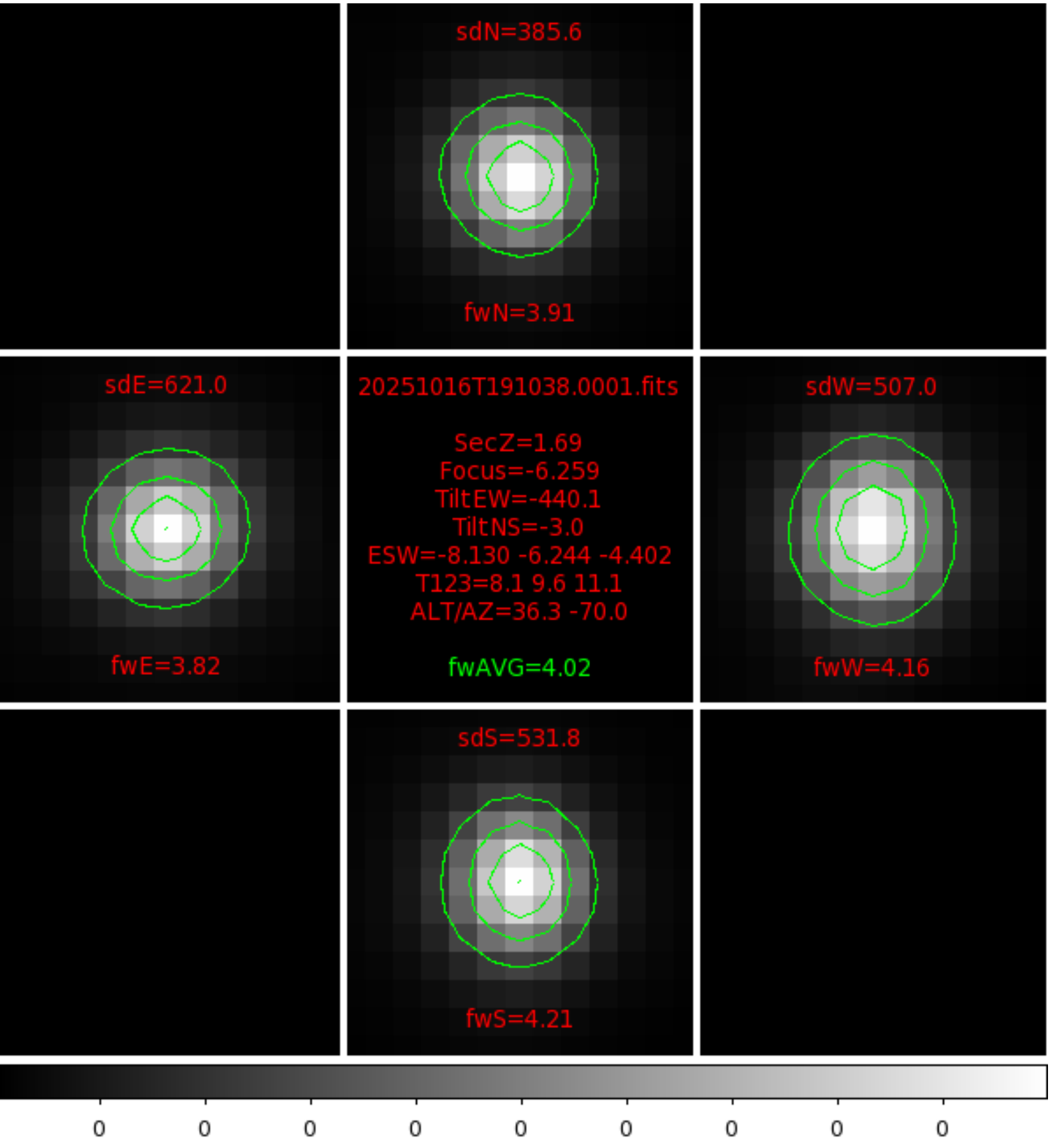
sdN=385.6
fwN=3.91
sdE=621.0
fwE=3.82
20251016T191038.0001.fits
SecZ=1.69
Focus=-6.259
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.130 -6.244 -4.402
T123=8.1 9.6 11.1
ALT/AZ=36.3 -70.0
fwAVG=4.02
sdW=507.0
fwW=4.16
sdS=531.8
fwS=4.21
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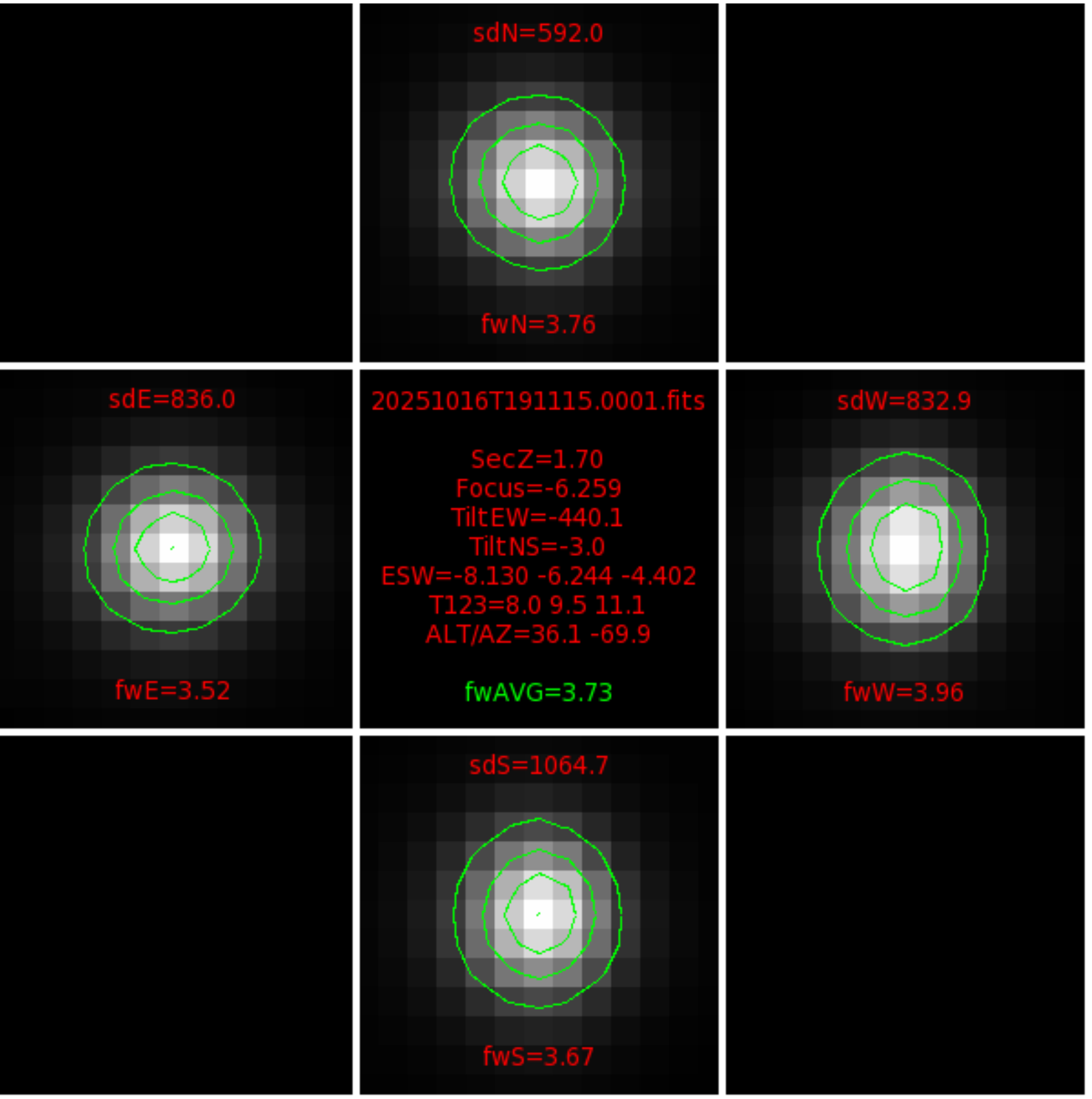
sdN=592.0
fwN=3.76
sdE=836.0
fwE=3.52
20251016T191115.0001.fits
SecZ=1.70
Focus=-6.259
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.130 -6.244 -4.402
T123=8.0 9.5 11.1
ALT/AZ=36.1 -69.9
fwAVG=3.73
sdW=832.9
fwW=3.96
sdS=1064.7
fwS=3.67
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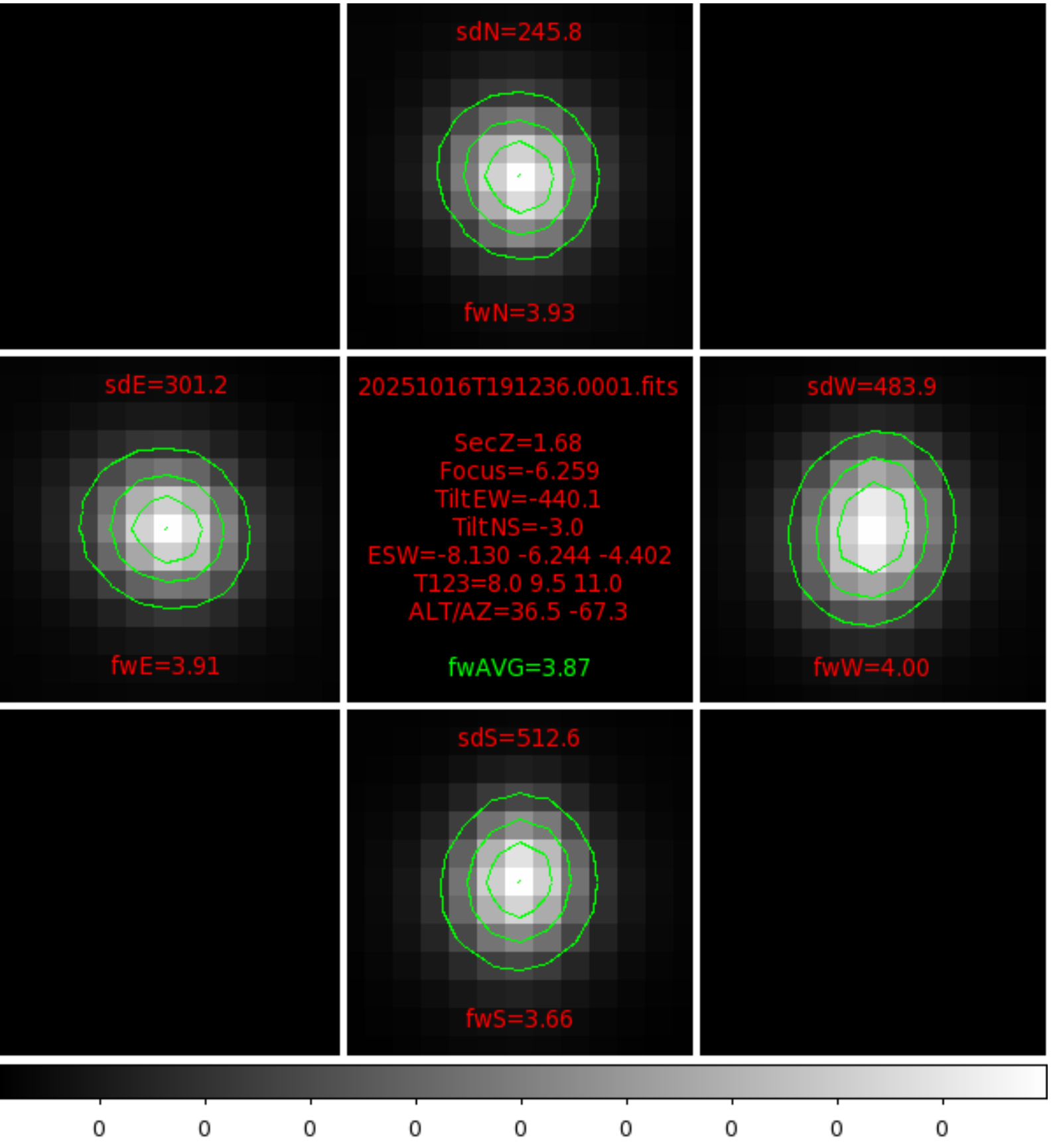
sdN=245.8
fwN=3.93
sdE=301.2
fwE=3.91
20251016T191236.0001.fits
SecZ=1.68
Focus=-6.259
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.130 -6.244 -4.402
T123=8.0 9.5 11.0
ALT/AZ=36.5 -67.3
fwAVG=3.87
sdW=483.9
fwW=4.00
sdS=512.6
fwS=3.66
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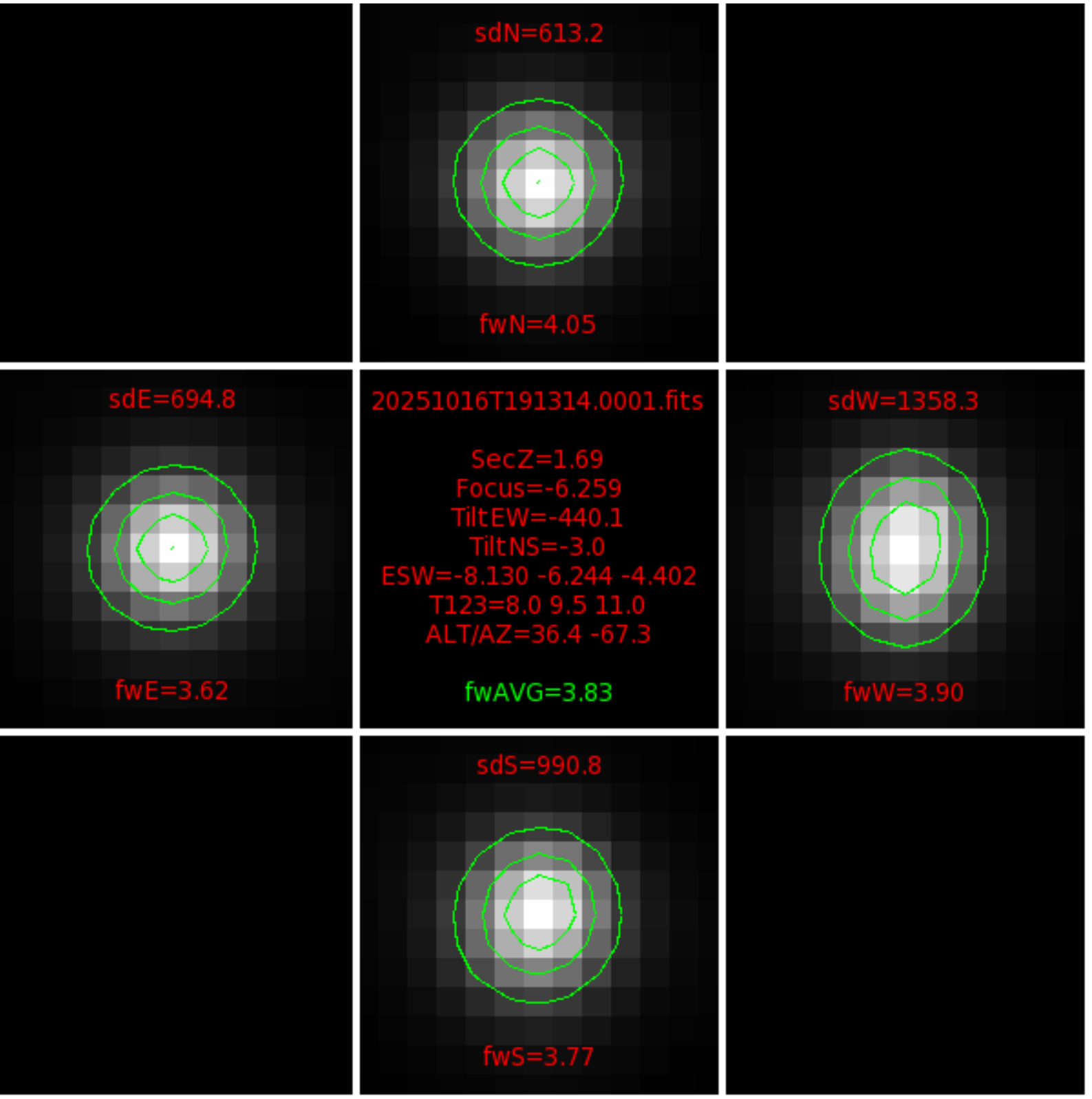
sdN=613.2
fwN=4.05
sdE=694.8
fwE=3.62
20251016T191314.0001.fits
SecZ=1.69
Focus=-6.259
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.130 -6.244 -4.402
T123=8.0 9.5 11.0
ALT/AZ=36.4 -67.3
fwAVG=3.83
sdW=1358.3
fwW=3.90
sdS=990.8
fwS=3.77
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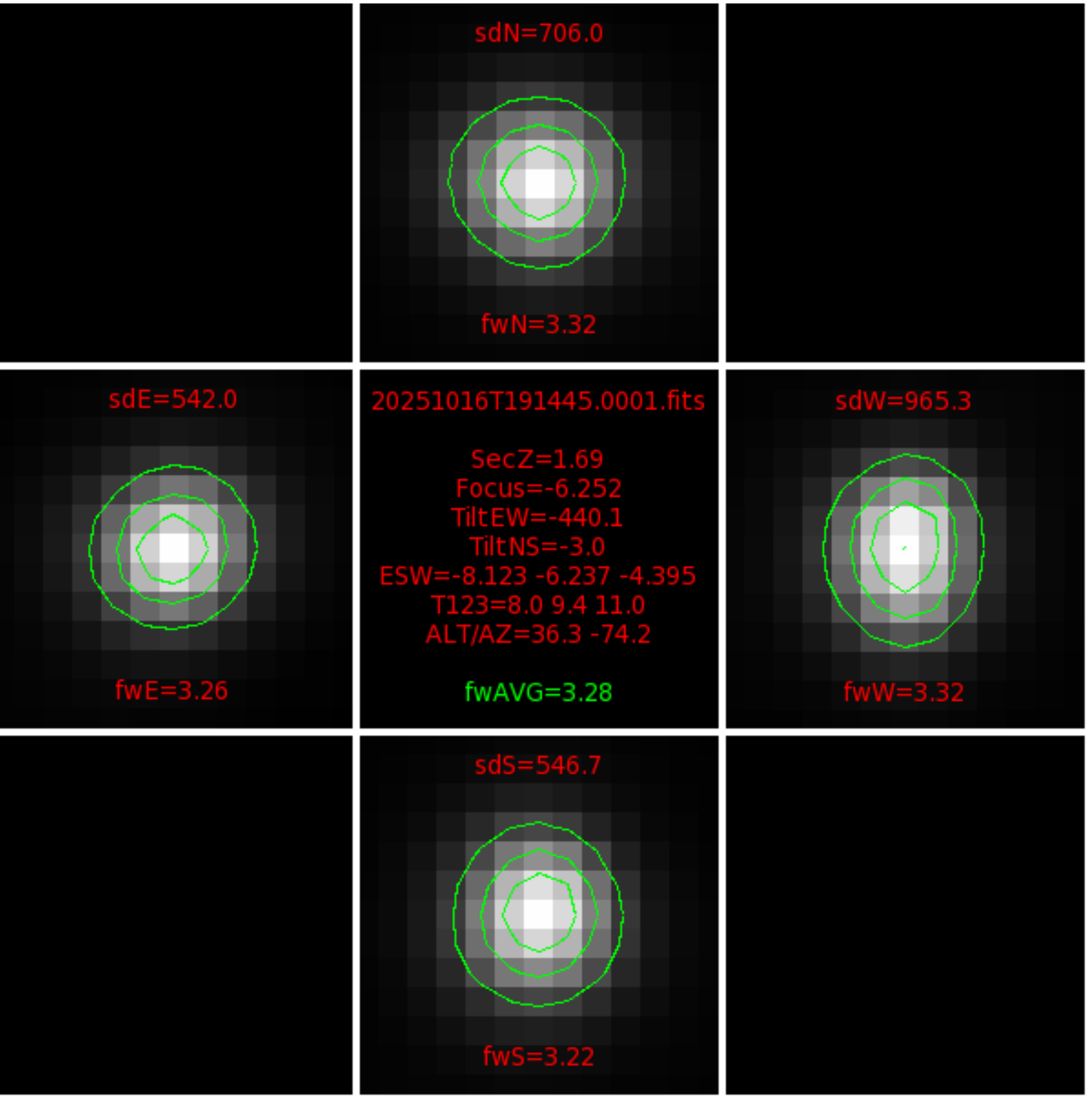
sdN=706.0
fwN=3.32
sdE=542.0
fwE=3.26
20251016T191445.0001.fits
SecZ=1.69
Focus=-6.252
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.123 -6.237 -4.395
T123=8.0 9.4 11.0
ALT/AZ=36.3 -74.2
fwAVG=3.28
sdW=965.3
fwW=3.32
sdS=546.7
fwS=3.22
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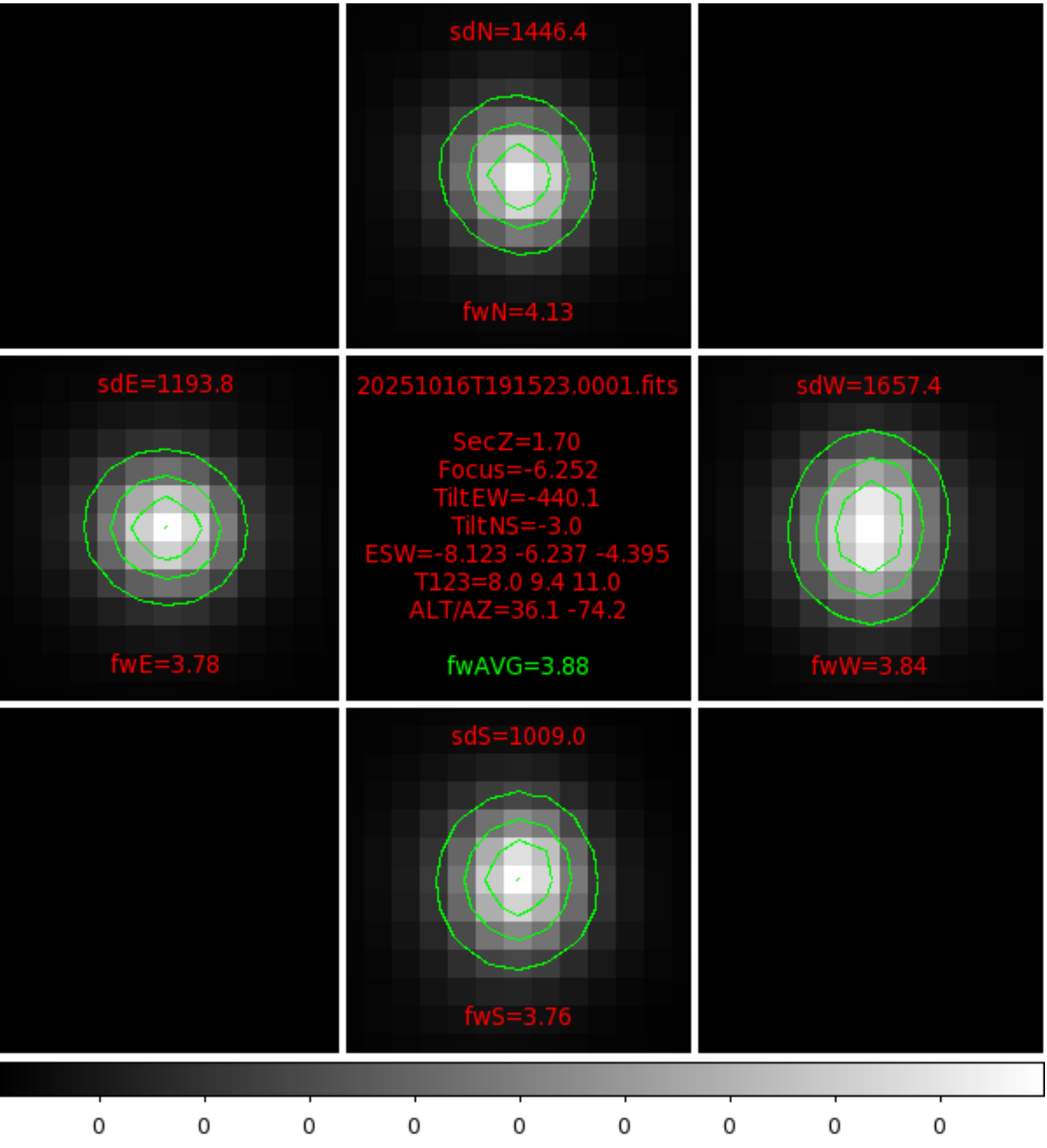
sdN=1446.4
fwN=4.13
sdE=1193.8
fwE=3.78
20251016T191523.0001.fits
SecZ=1.70
Focus=-6.252
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.123 -6.237 -4.395
T123=8.0 9.4 11.0
ALT/AZ=36.1 -74.2
fwAVG=3.88
sdW=1657.4
fwW=3.84
sdS=1009.0
fwS=3.76
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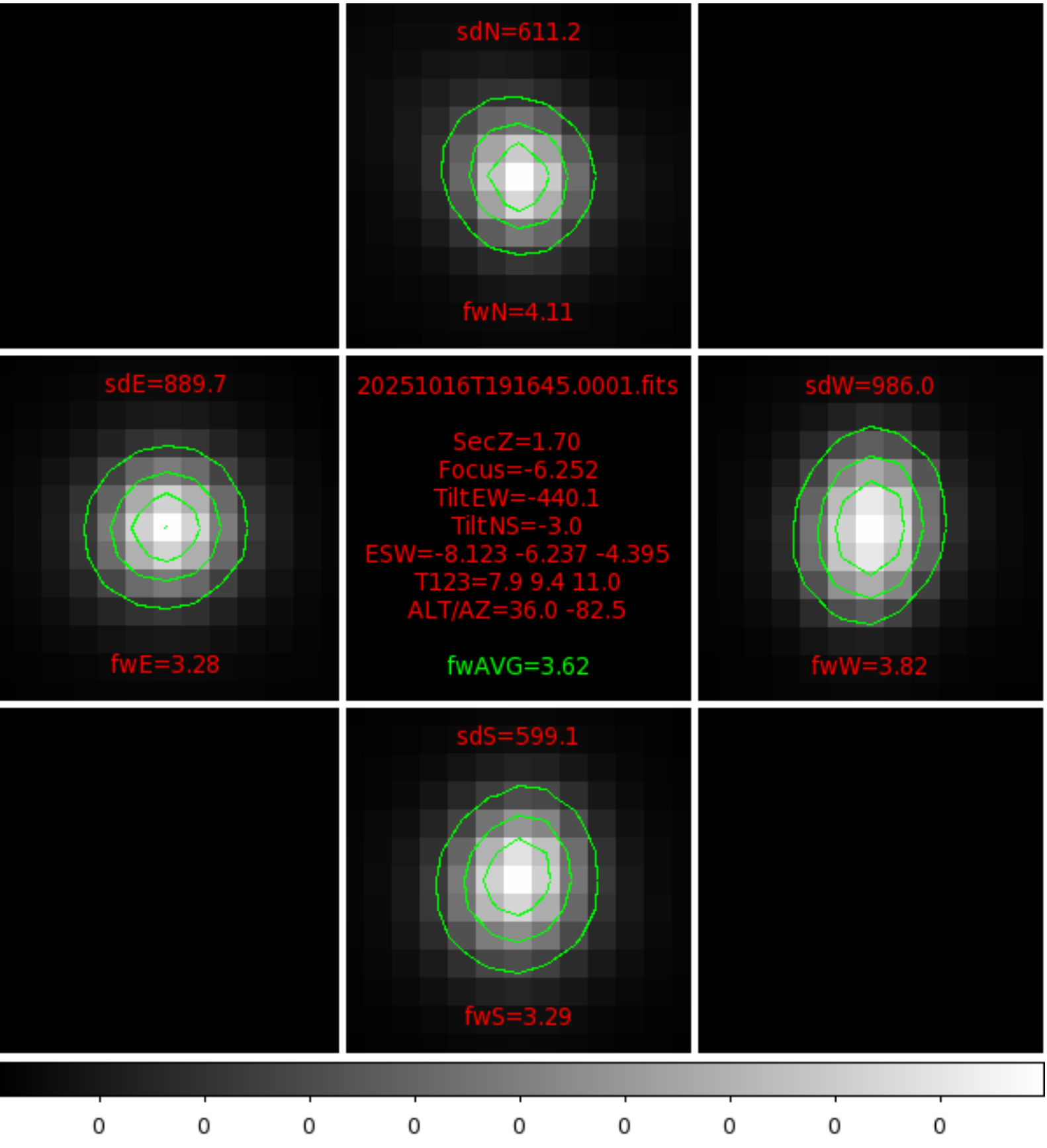
sdN=611.2
fwN=4.11
sdE=889.7
fwE=3.28
20251016T191645.0001.fits
SecZ=1.70
Focus=-6.252
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.123 -6.237 -4.395
T123=7.9 9.4 11.0
ALT/AZ=36.0 -82.5
fwAVG=3.62
sdW=986.0
fwW=3.82
sdS=599.1
fwS=3.29
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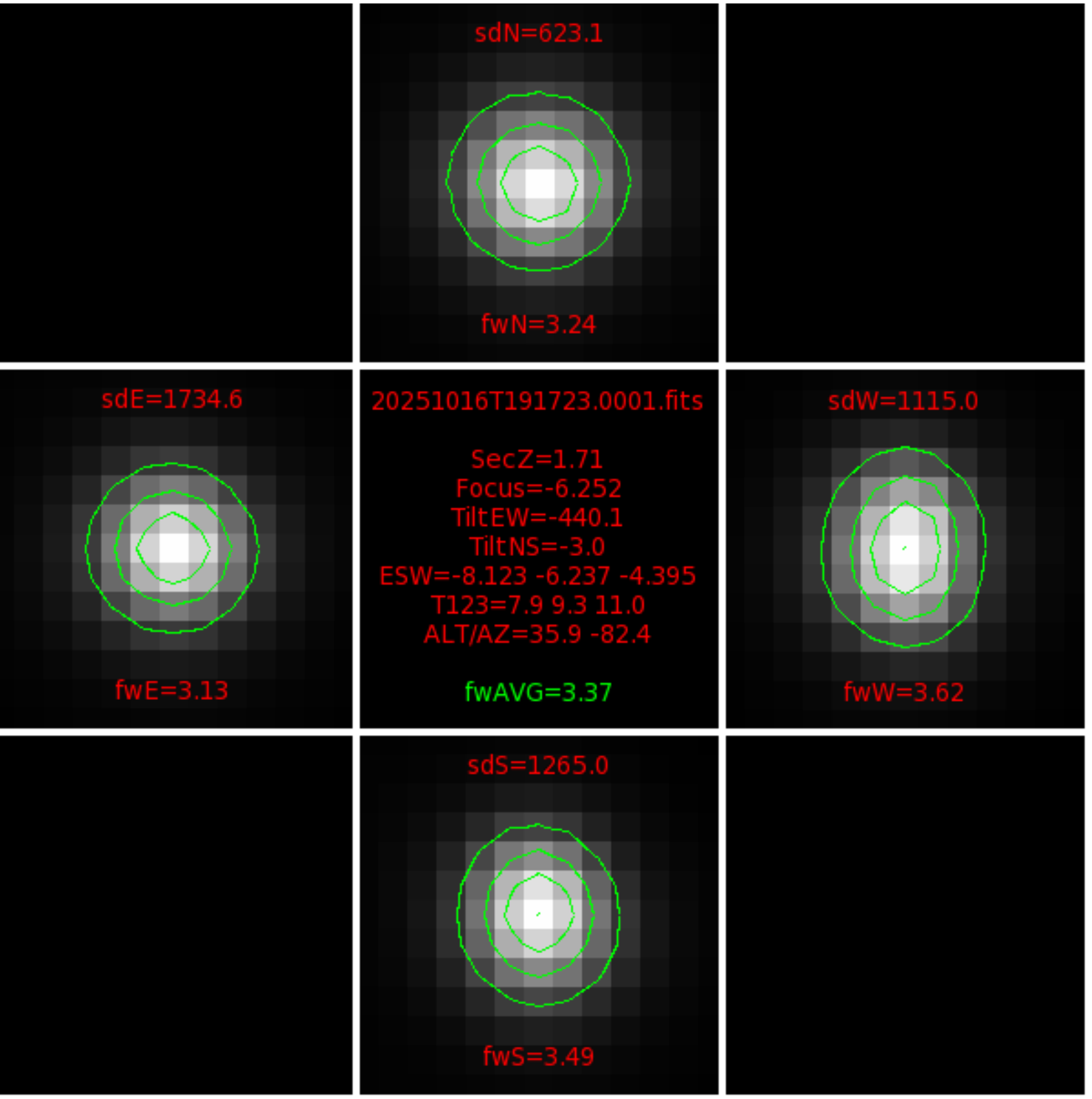
sdN=623.1
fwN=3.24
sdE=1734.6
fwE=3.13
20251016T191723.0001.fits
SecZ=1.71
Focus=-6.252
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.123 -6.237 -4.395
T123=7.9 9.3 11.0
ALT/AZ=35.9 -82.4
fwAVG=3.37
sdW=1115.0
fwW=3.62
sdS=1265.0
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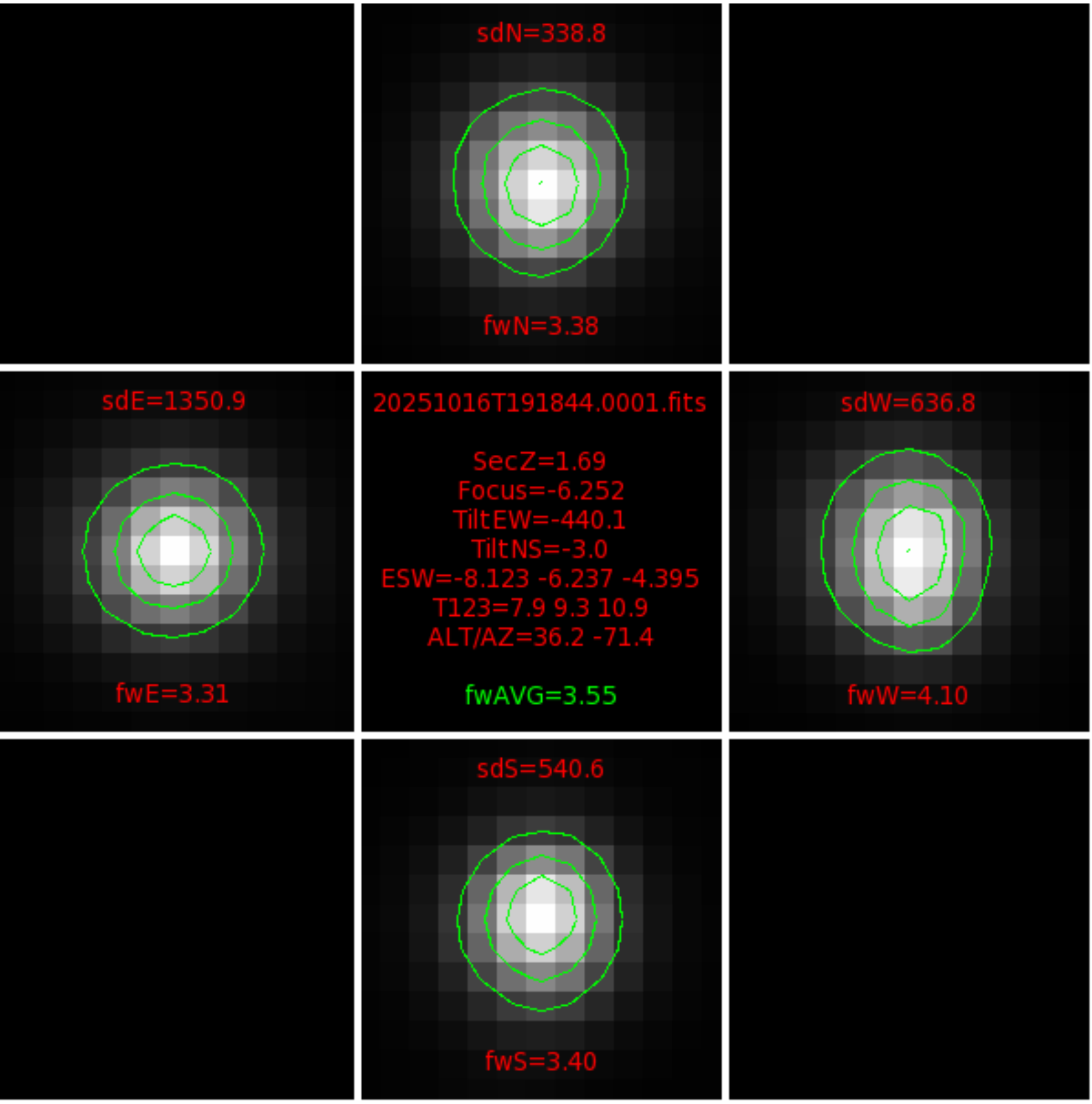
sdN=338.8
fwN=3.38
sdE=1350.9
fwE=3.31
20251016T191844.0001.fits
SecZ=1.69
Focus=-6.252
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.123 -6.237 -4.395
T123=7.9 9.3 10.9
ALT/AZ=36.2 -71.4
fwAVG=3.55
sdW=636.8
fwW=4.10
sdS=540.6
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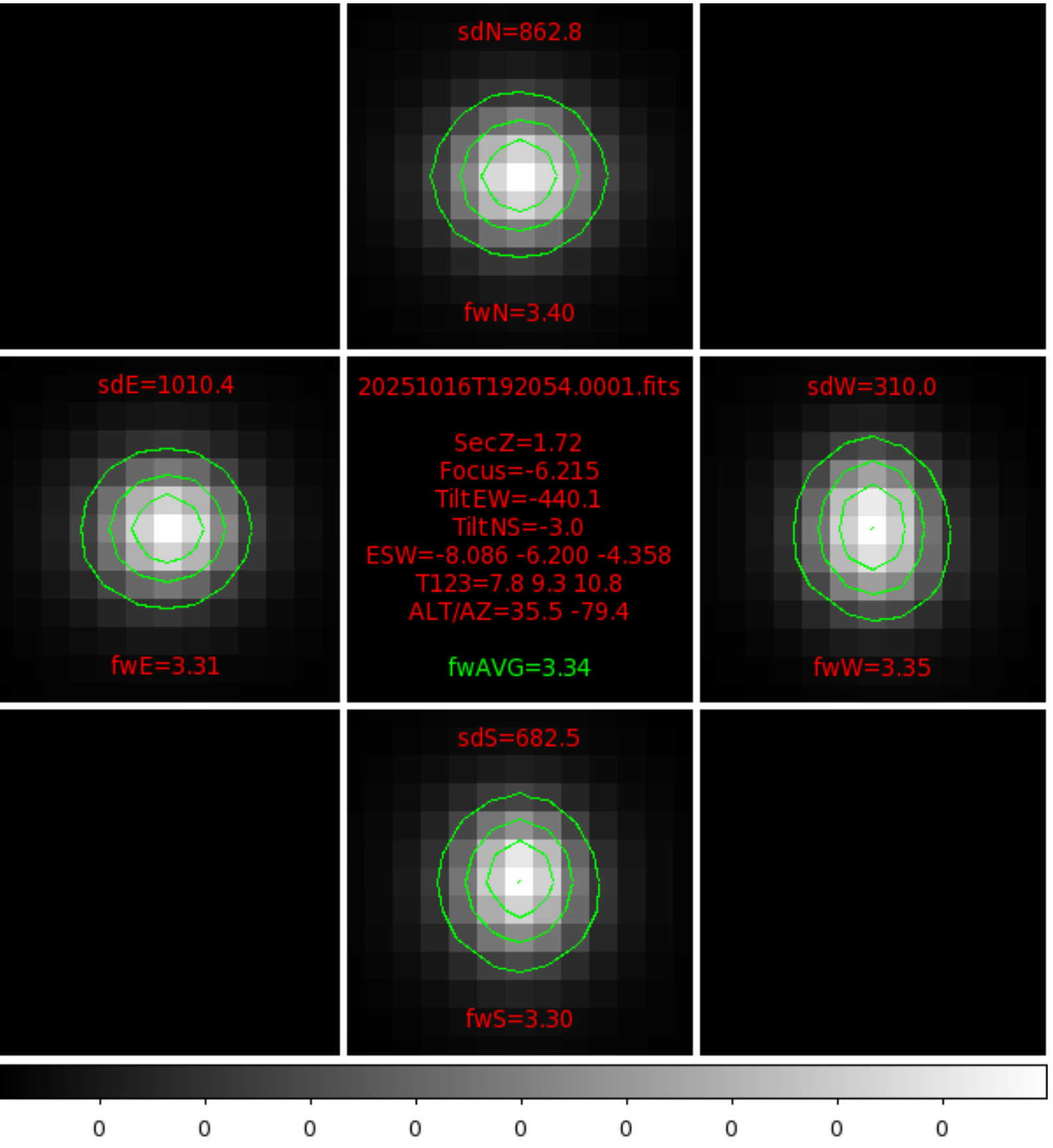
sdN=862.8
fwN=3.40
sdE=1010.4
fwE=3.31
20251016T192054.0001.fits
SecZ=1.72
Focus=-6.215
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.086 -6.200 -4.358
T123=7.8 9.3 10.8
ALT/AZ=35.5 -79.4
fwAVG=3.34
sdW=310.0
fwW=3.35
sdS=682.5
fwS=3.30
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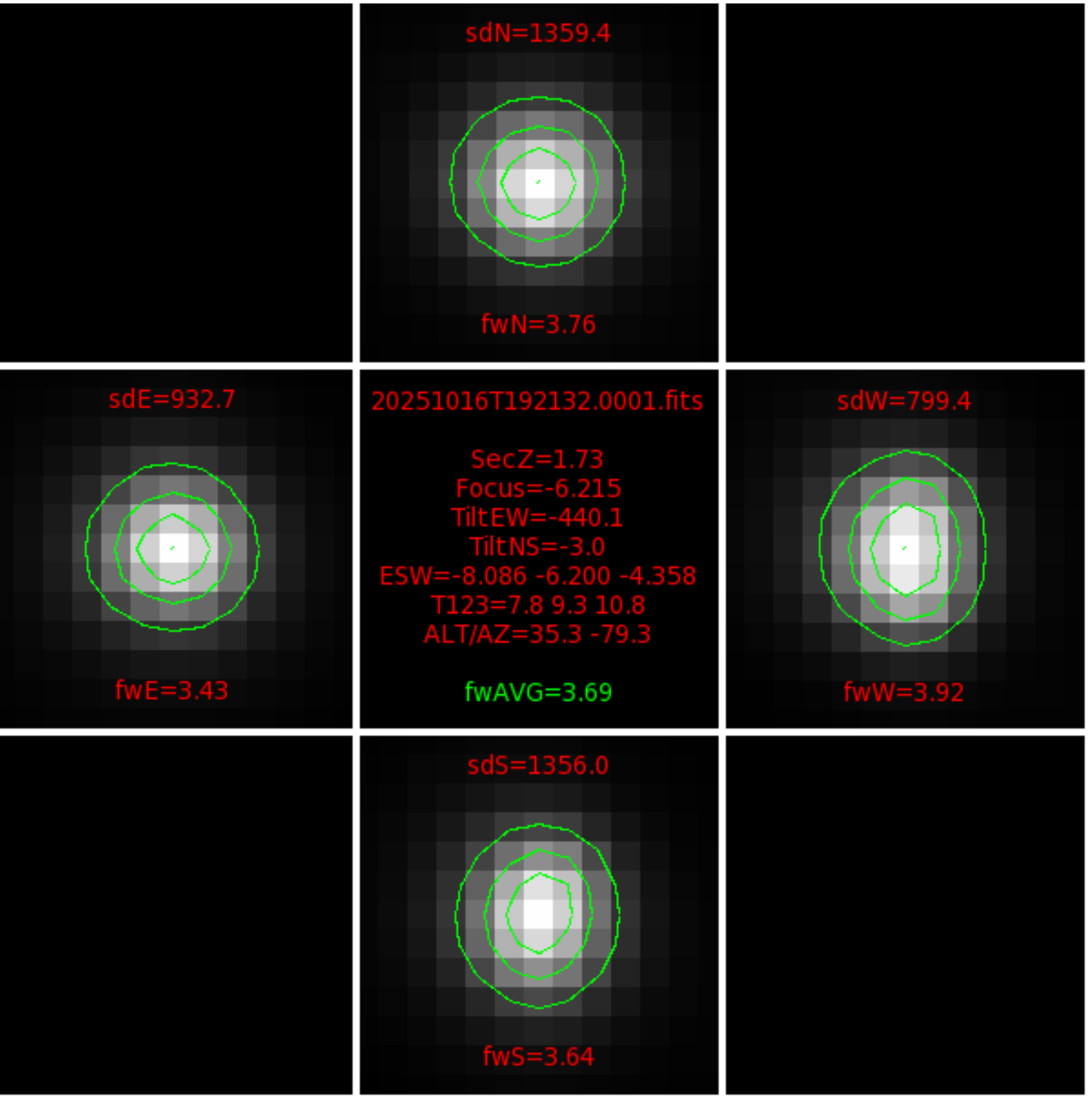
sdN=1359.4
fwN=3.76
sdE=932.7
fwE=3.43
20251016T192132.0001.fits
SecZ=1.73
Focus=-6.215
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.086 -6.200 -4.358
T123=7.8 9.3 10.8
ALT/AZ=35.3 -79.3
fwAVG=3.69
sdW=799.4
fwW=3.92
sdS=1356.0
fwS=3.64
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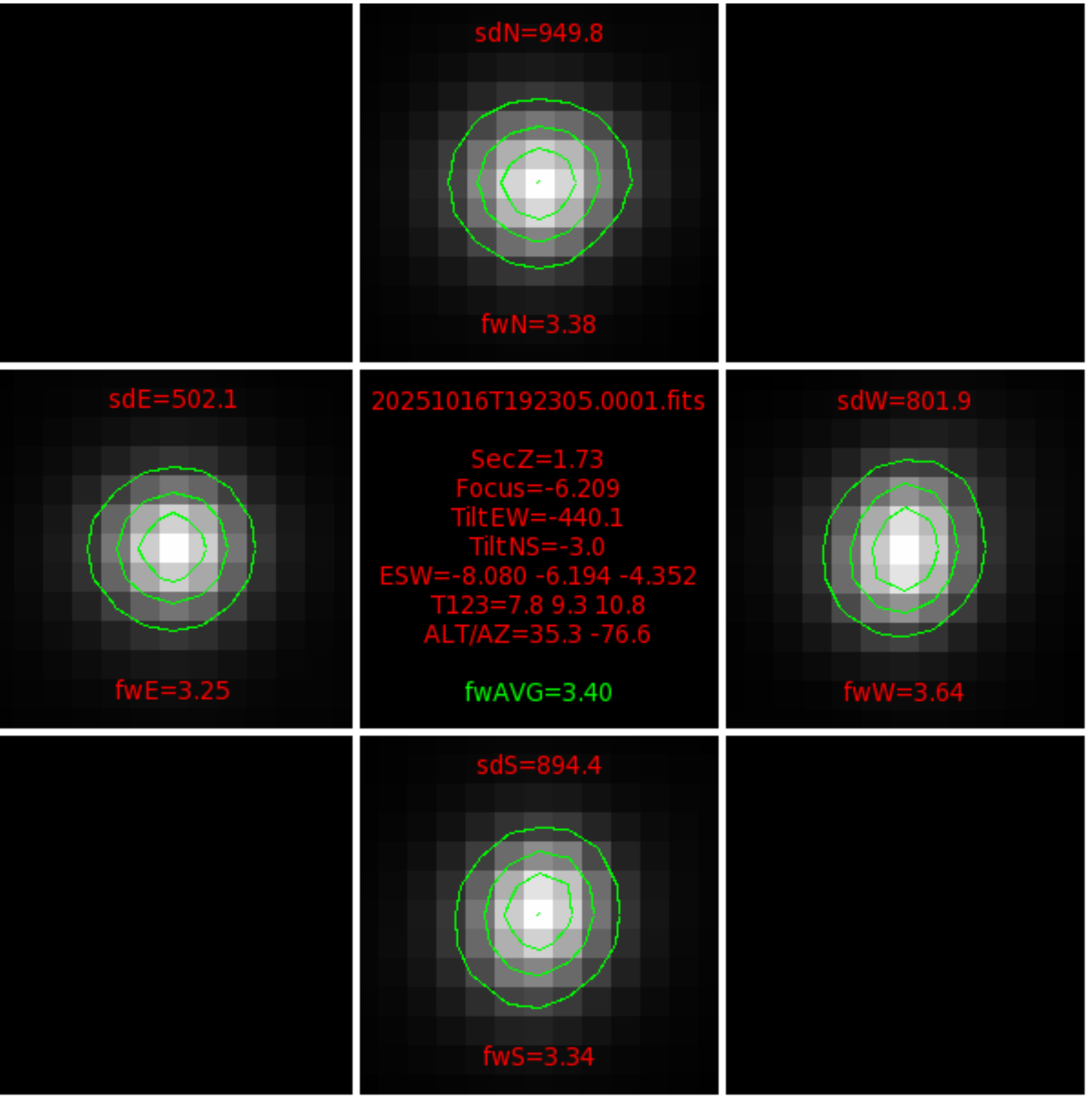
sdN=949.8
fwN=3.38
sdE=502.1
fwE=3.25
20251016T192305.0001.fits
SecZ=1.73
Focus=-6.209
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.080 -6.194 -4.352
T123=7.8 9.3 10.8
ALT/AZ=35.3 -76.6
fwAVG=3.40
sdW=801.9
fwW=3.64
sdS=894.4
fwS=3.34
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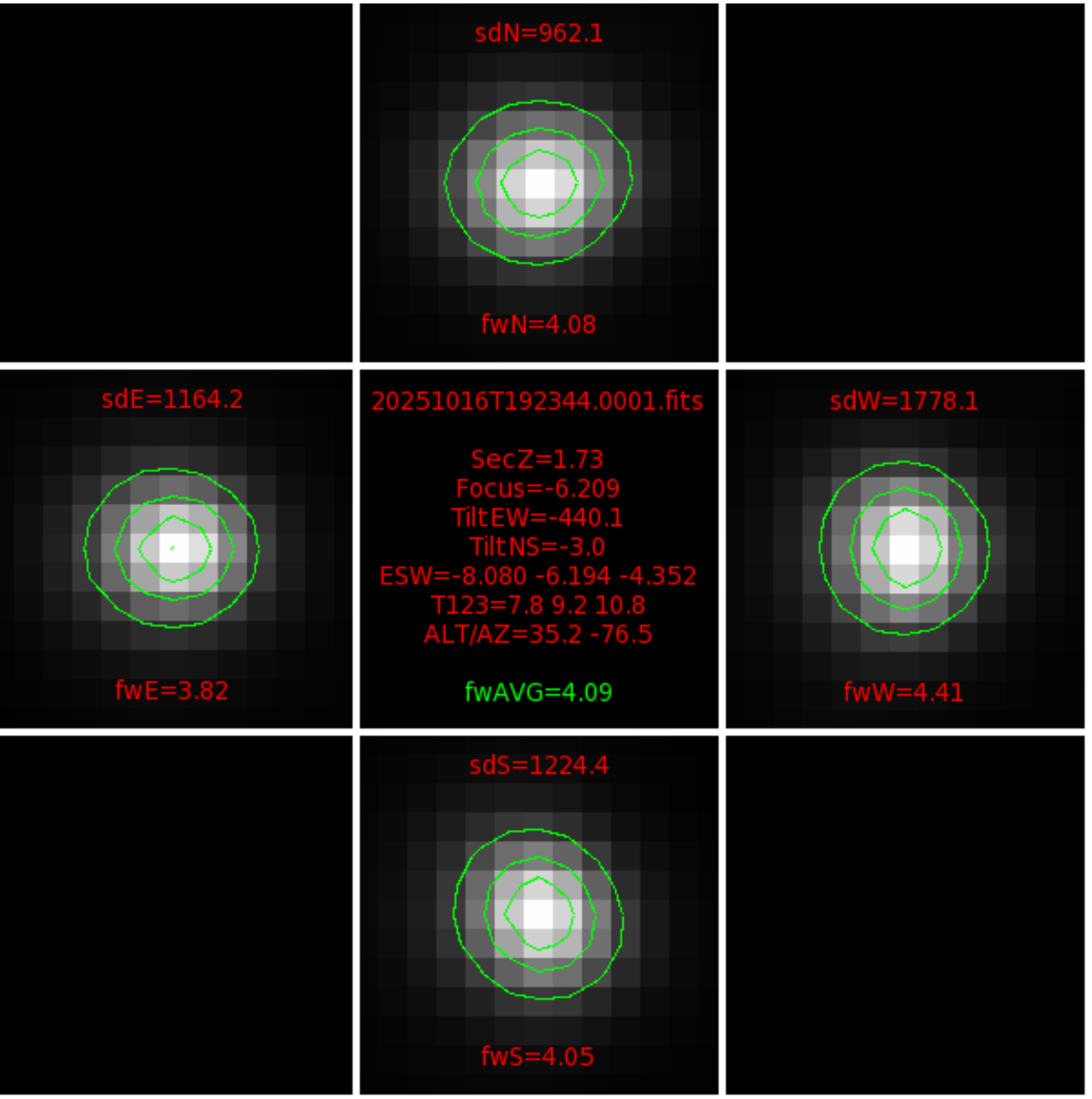
sdN=962.1
fwN=4.08
sdE=1164.2
fwE=3.82
20251016T192344.0001.fits
SecZ=1.73
Focus=-6.209
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.080 -6.194 -4.352
T123=7.8 9.2 10.8
ALT/AZ=35.2 -76.5
fwAVG=4.09
sdW=1778.1
fwW=4.41
sdS=1224.4
fwS=4.05
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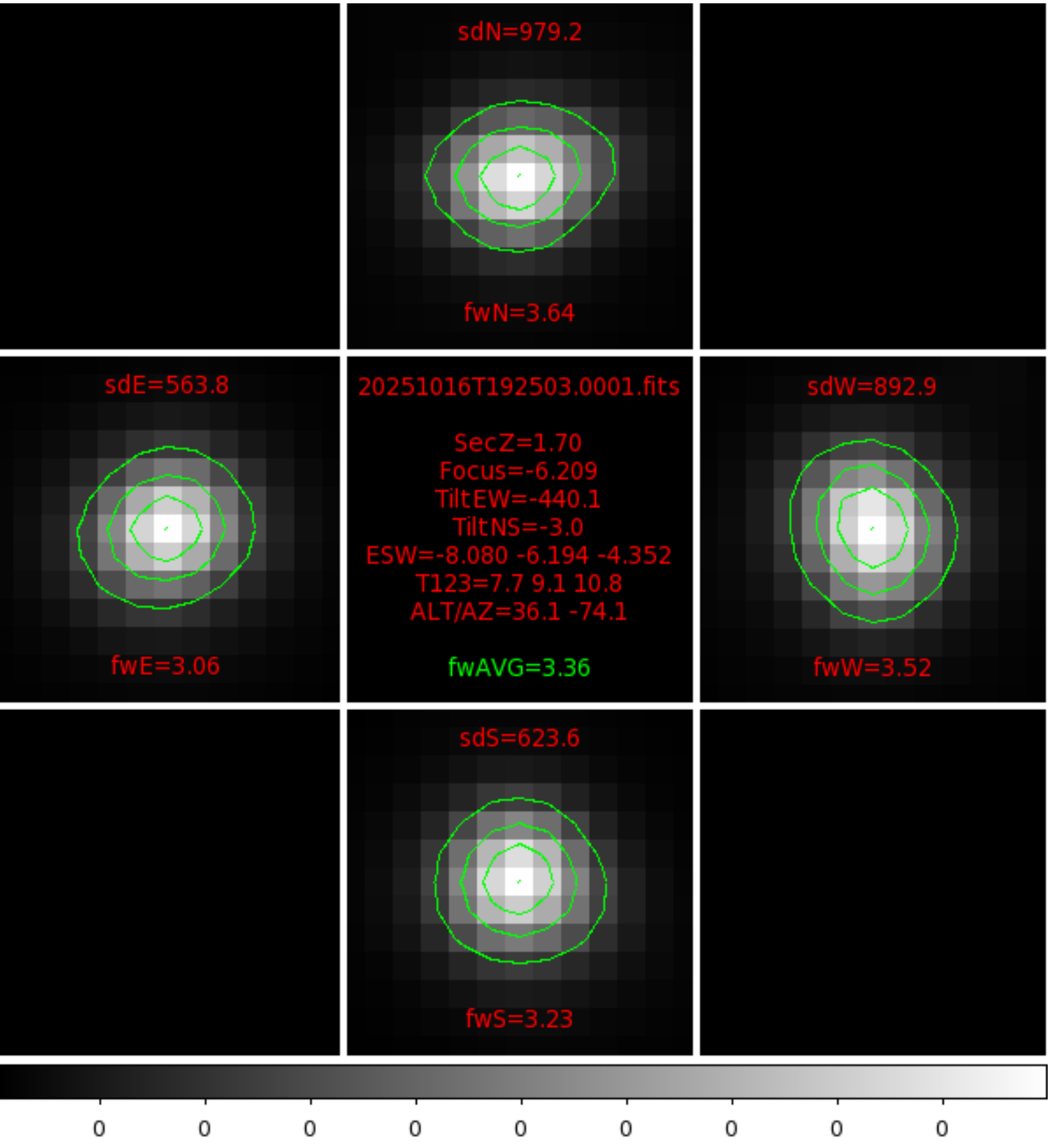
sdN=979.2
fwN=3.64
sdE=563.8
fwE=3.06
20251016T192503.0001.fits
SecZ=1.70
Focus=-6.209
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.080 -6.194 -4.352
T123=7.7 9.1 10.8
ALT/AZ=36.1 -74.1
fwAVG=3.36
sdW=892.9
fwW=3.52
sdS=623.6
fwS=3.23
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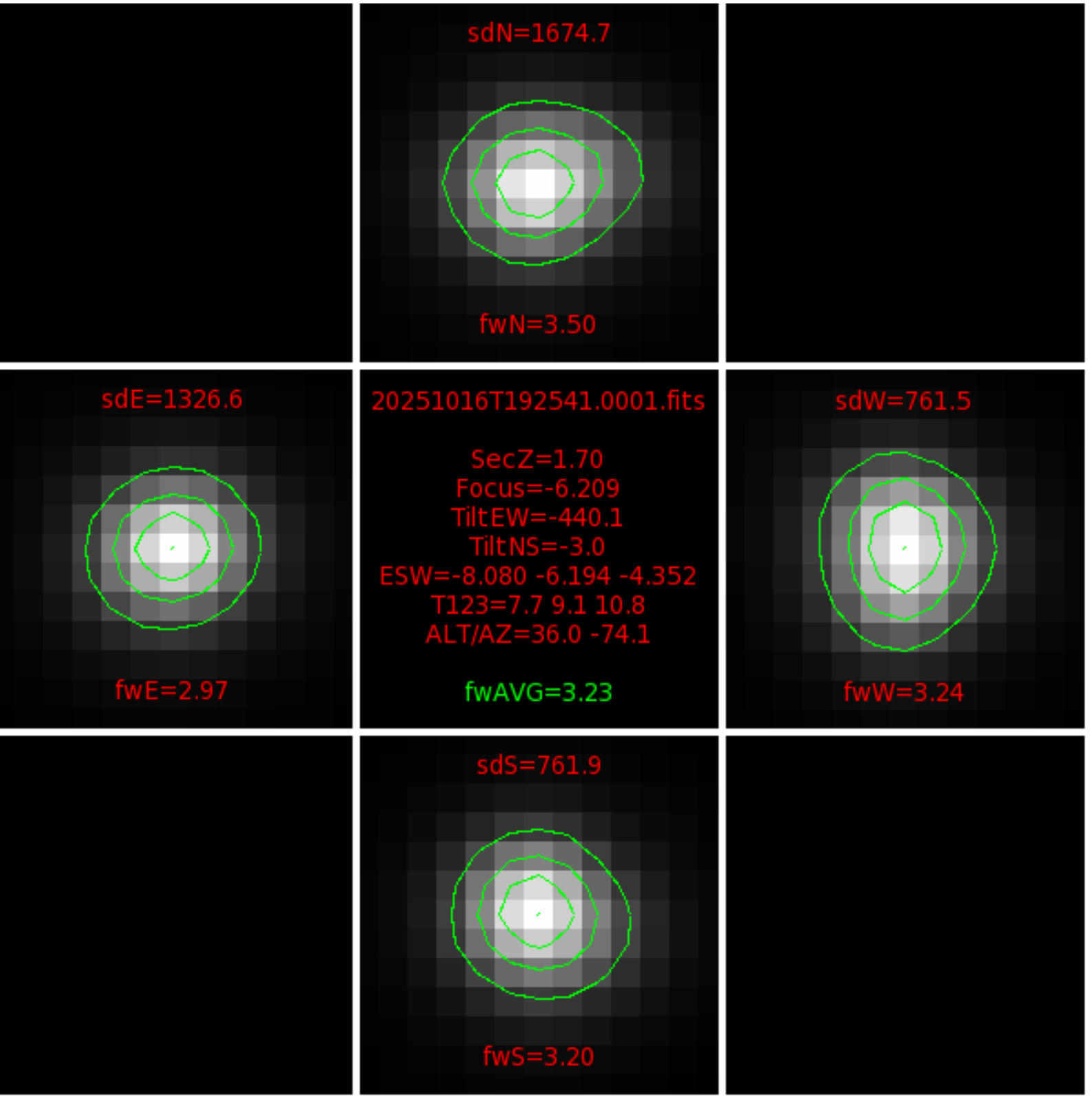
sdN=1674.7
fwN=3.50
sdE=1326.6
fwE=2.97
20251016T192541.0001.fits
SecZ=1.70
Focus=-6.209
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.080 -6.194 -4.352
T123=7.7 9.1 10.8
ALT/AZ=36.0 -74.1
fwAVG=3.23
sdW=761.5
fwW=3.24
sdS=761.9
fwS=3.20
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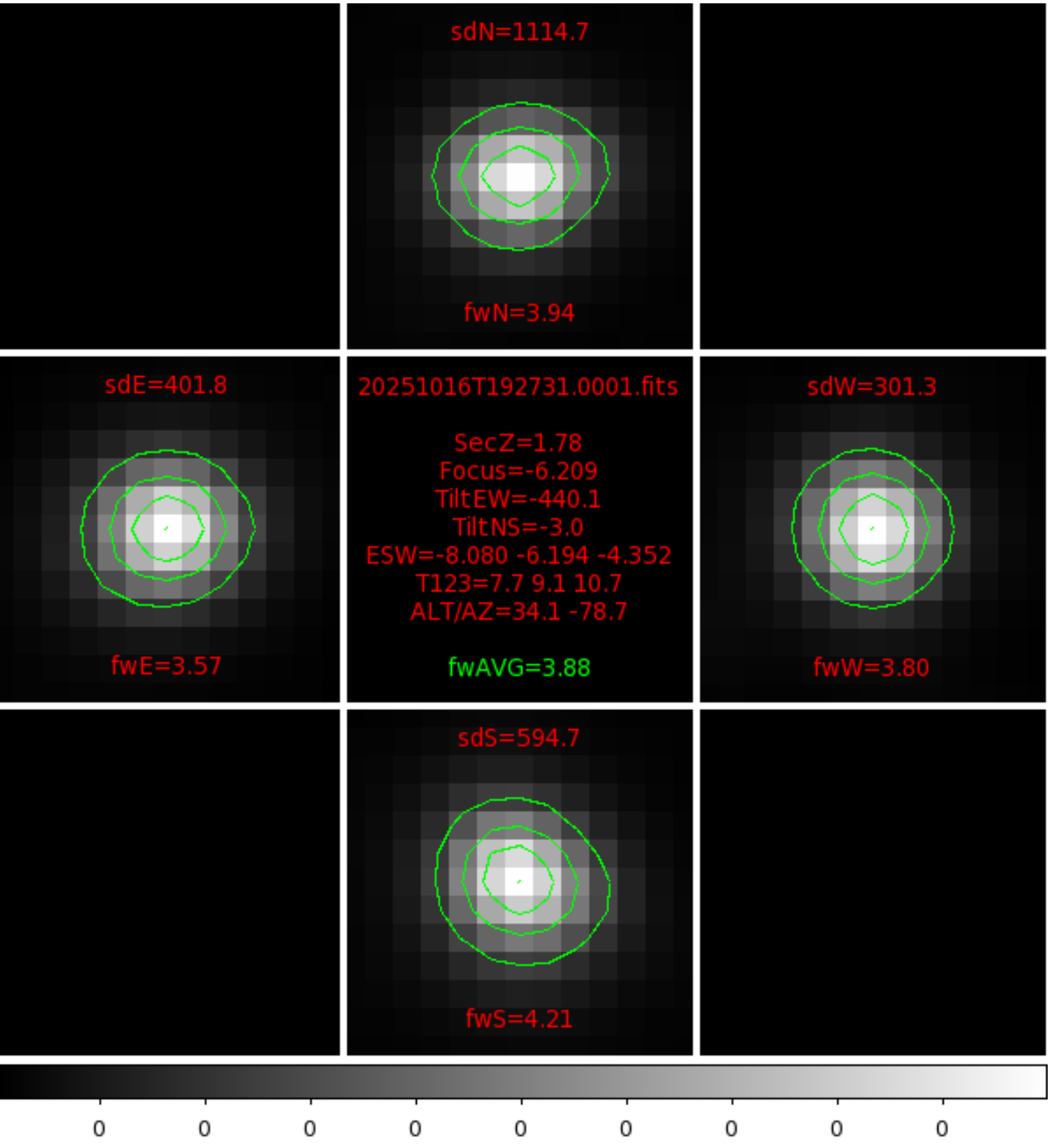
sdN=1114.7
fwN=3.94
sdE=401.8
fwE=3.57
20251016T192731.0001.fits
SecZ=1.78
Focus=-6.209
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.080 -6.194 -4.352
T123=7.7 9.1 10.7
ALT/AZ=34.1 -78.7
fwAVG=3.88
sdW=301.3
fwW=3.80
sdS=594.7
fwS=4.21
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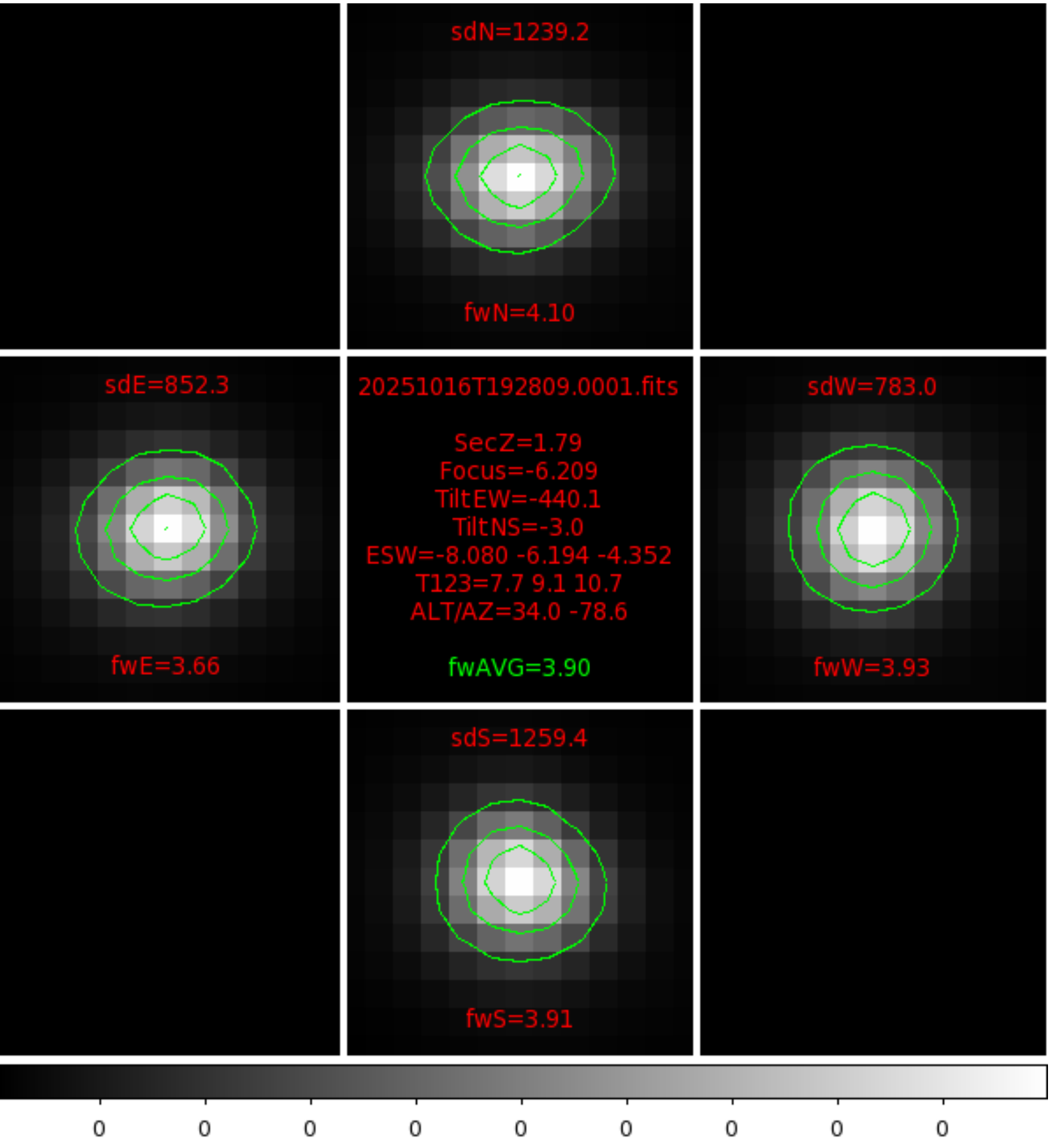
sdN=1239.2
fwN=4.10
sdE=852.3
fwE=3.66
20251016T192809.0001.fits
SecZ=1.79
Focus=-6.209
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.080 -6.194 -4.352
T123=7.7 9.1 10.7
ALT/AZ=34.0 -78.6
fwAVG=3.90
sdW=783.0
fwW=3.93
sdS=1259.4
fwS=3.91
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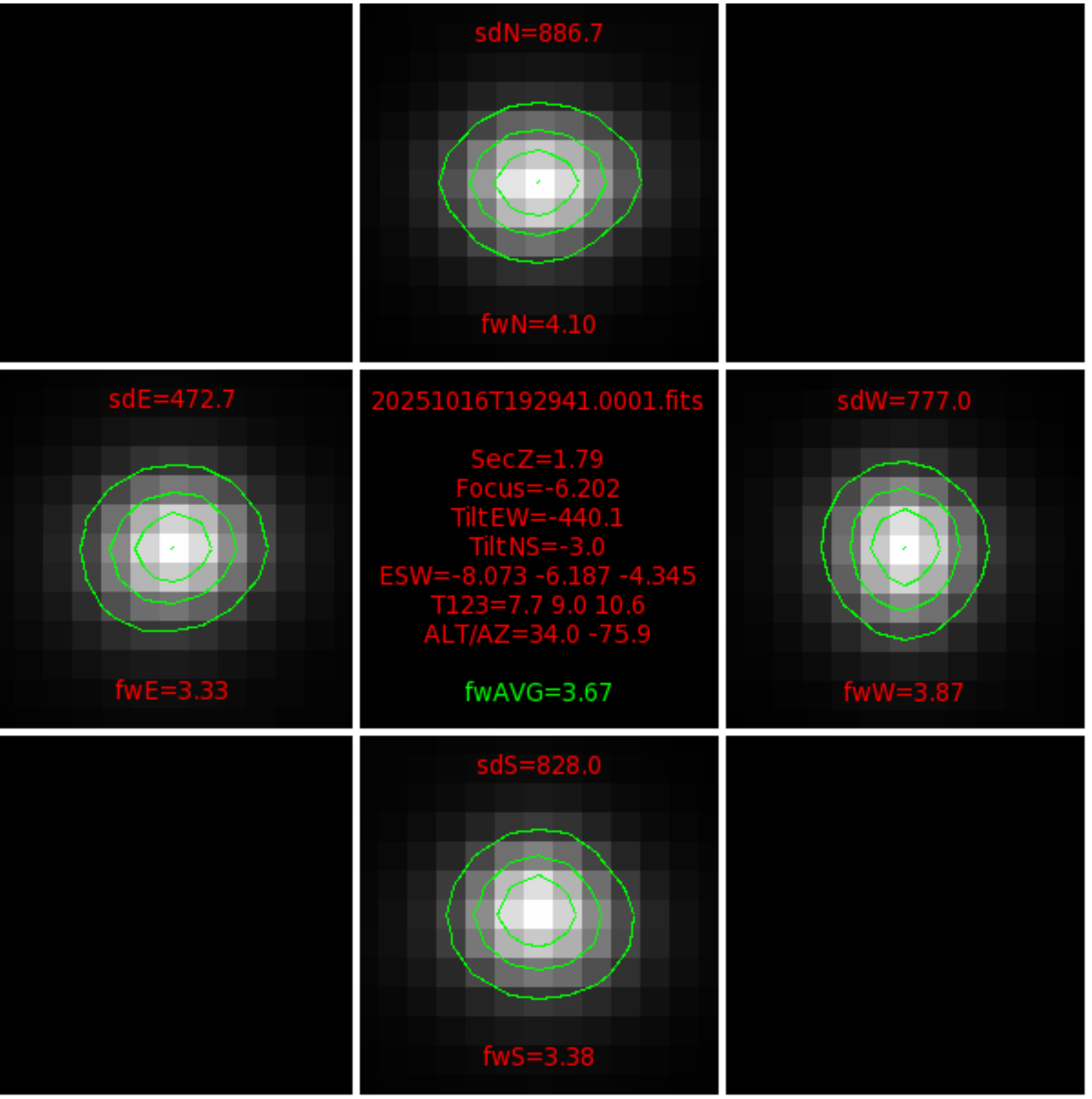
sdN=886.7
fwN=4.10
sdE=472.7
fwE=3.33
20251016T192941.0001.fits
SecZ=1.79
Focus=-6.202
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.073 -6.187 -4.345
T123=7.7 9.0 10.6
ALT/AZ=34.0 -75.9
fwAVG=3.67
sdW=777.0
fwW=3.87
sdS=828.0
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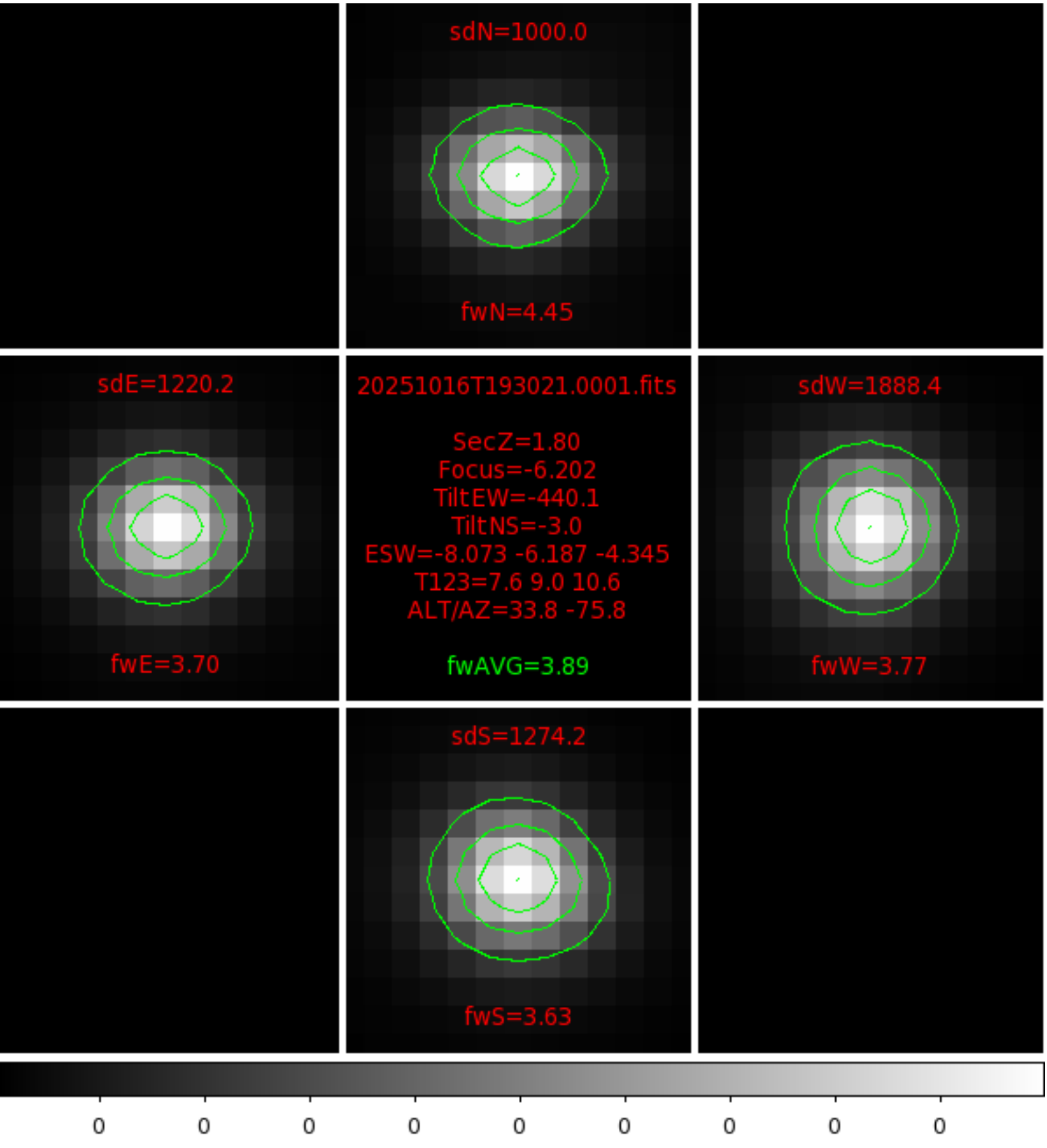
sdN=1000.0
fwN=4.45
sdE=1220.2
fwE=3.70
20251016T193021.0001.fits
SecZ=1.80
Focus=-6.202
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.073 -6.187 -4.345
T123=7.6 9.0 10.6
ALT/AZ=33.8 -75.8
fwAVG=3.89
sdW=1888.4
fwW=3.77
sdS=1274.2
fwS=3.63
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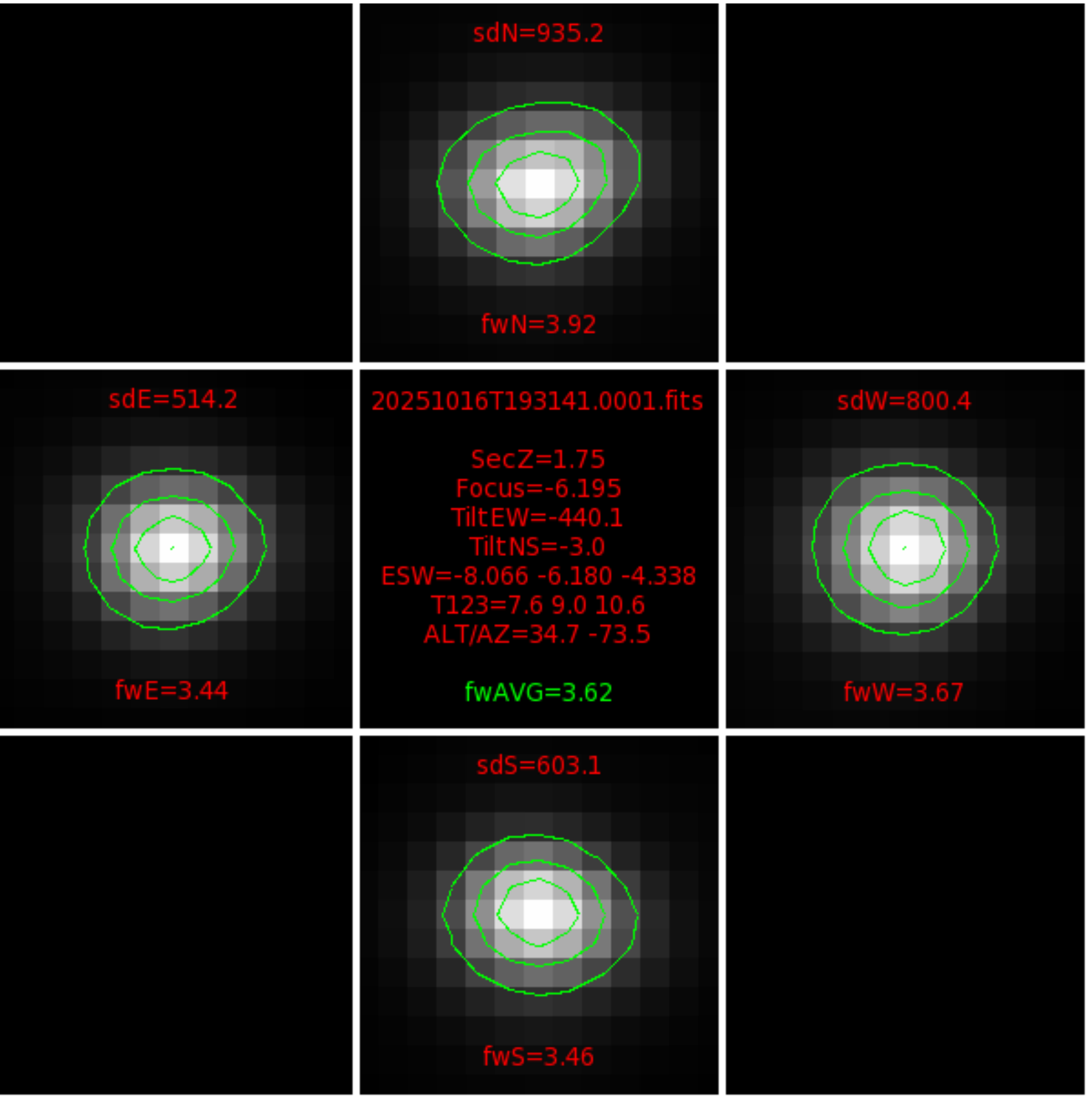
sdN=935.2
fwN=3.92
sdE=514.2
fwE=3.44
20251016T193141.0001.fits
SecZ=1.75
Focus=-6.195
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.066 -6.180 -4.338
T123=7.6 9.0 10.6
ALT/AZ=34.7 -73.5
fwAVG=3.62
sdW=800.4
fwW=3.67
sdS=603.1
fwS=3.46
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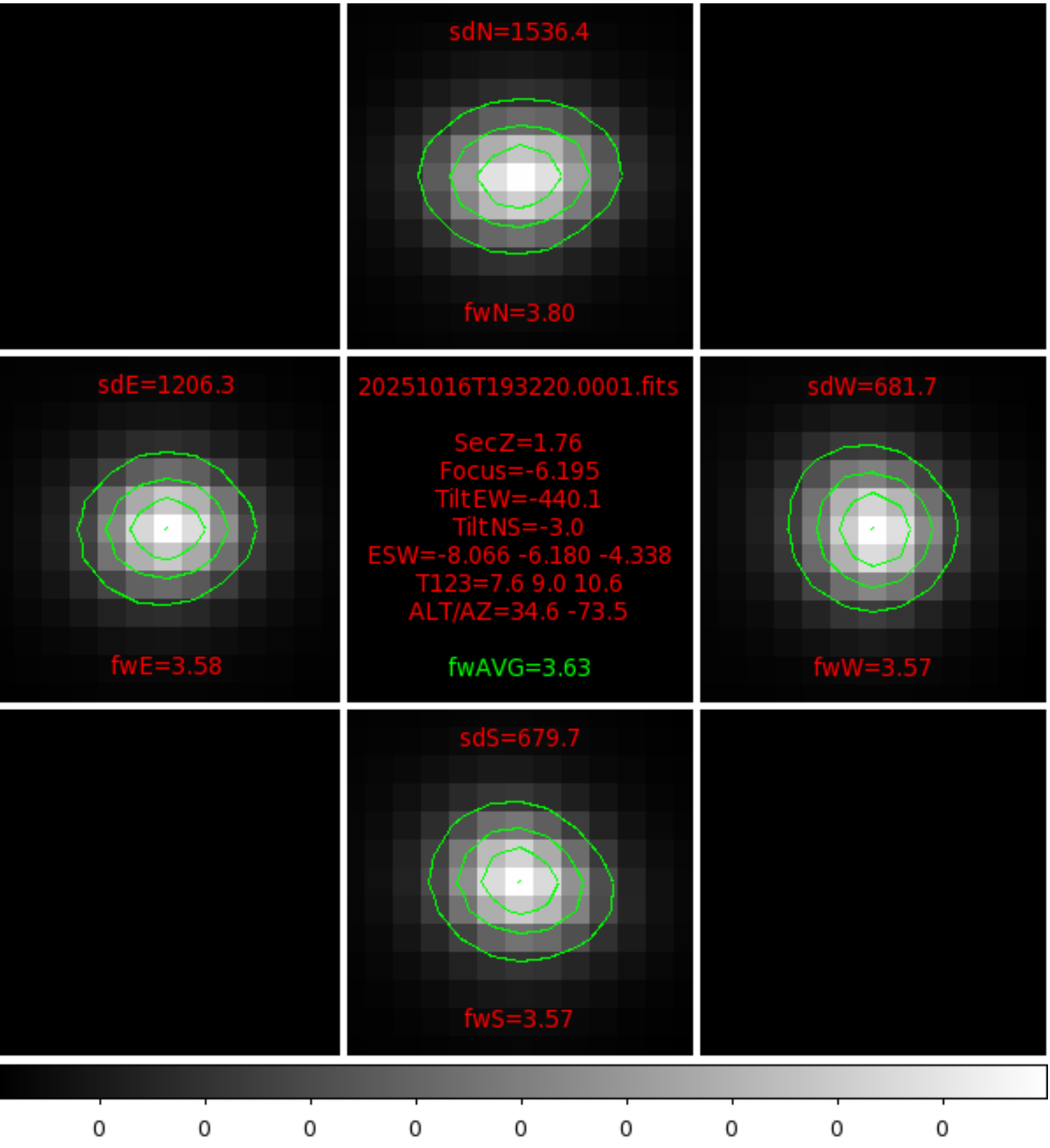
sdN=1536.4
fwN=3.80
sdE=1206.3
fwE=3.58
20251016T193220.0001.fits
SecZ=1.76
Focus=-6.195
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.066 -6.180 -4.338
T123=7.6 9.0 10.6
ALT/AZ=34.6 -73.5
fwAVG=3.63
sdW=681.7
fwW=3.57
sdS=679.7
fwS=3.57
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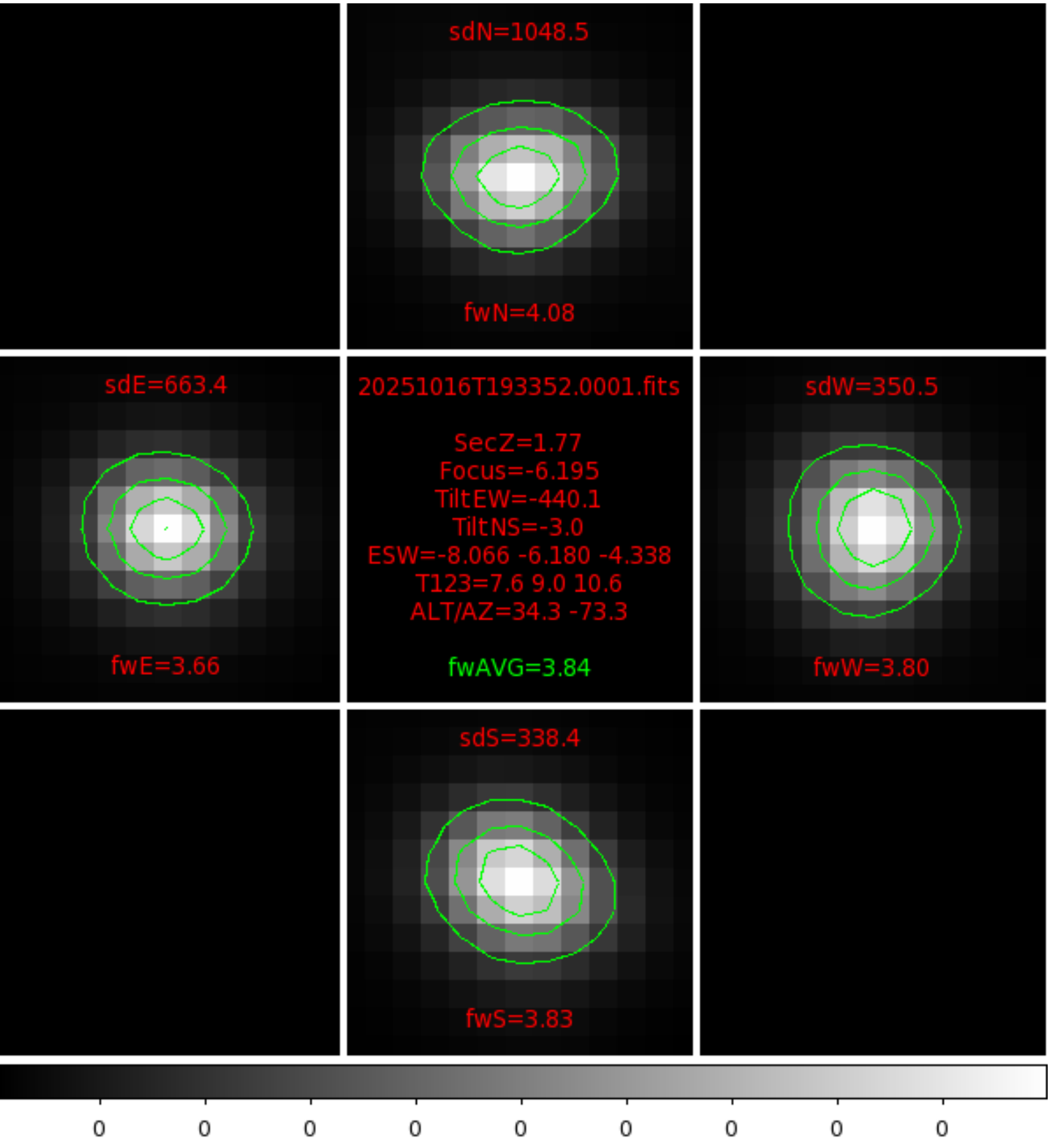
sdN=1048.5
fwN=4.08
sdE=663.4
fwE=3.66
20251016T193352.0001.fits
SecZ=1.77
Focus=-6.195
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.066 -6.180 -4.338
T123=7.6 9.0 10.6
ALT/AZ=34.3 -73.3
fwAVG=3.84
sdW=350.5
fwW=3.80
sdS=338.4
fwS=3.83
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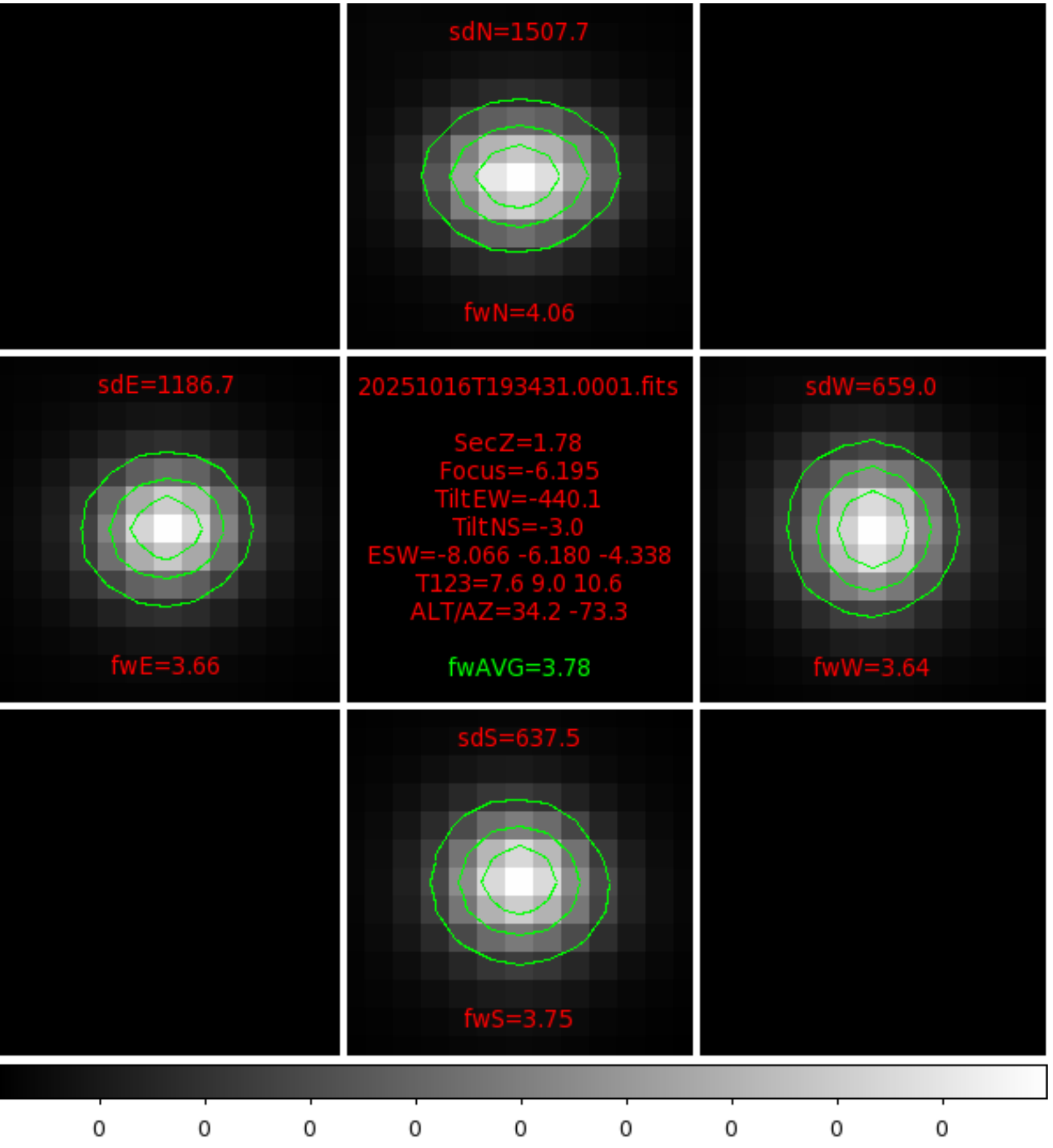
sdN=1507.7
fwN=4.06
sdE=1186.7
fwE=3.66
20251016T193431.0001.fits
SecZ=1.78
Focus=-6.195
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.066 -6.180 -4.338
T123=7.6 9.0 10.6
ALT/AZ=34.2 -73.3
fwAVG=3.78
sdW=659.0
fwW=3.64
sdS=637.5
fwS=3.75
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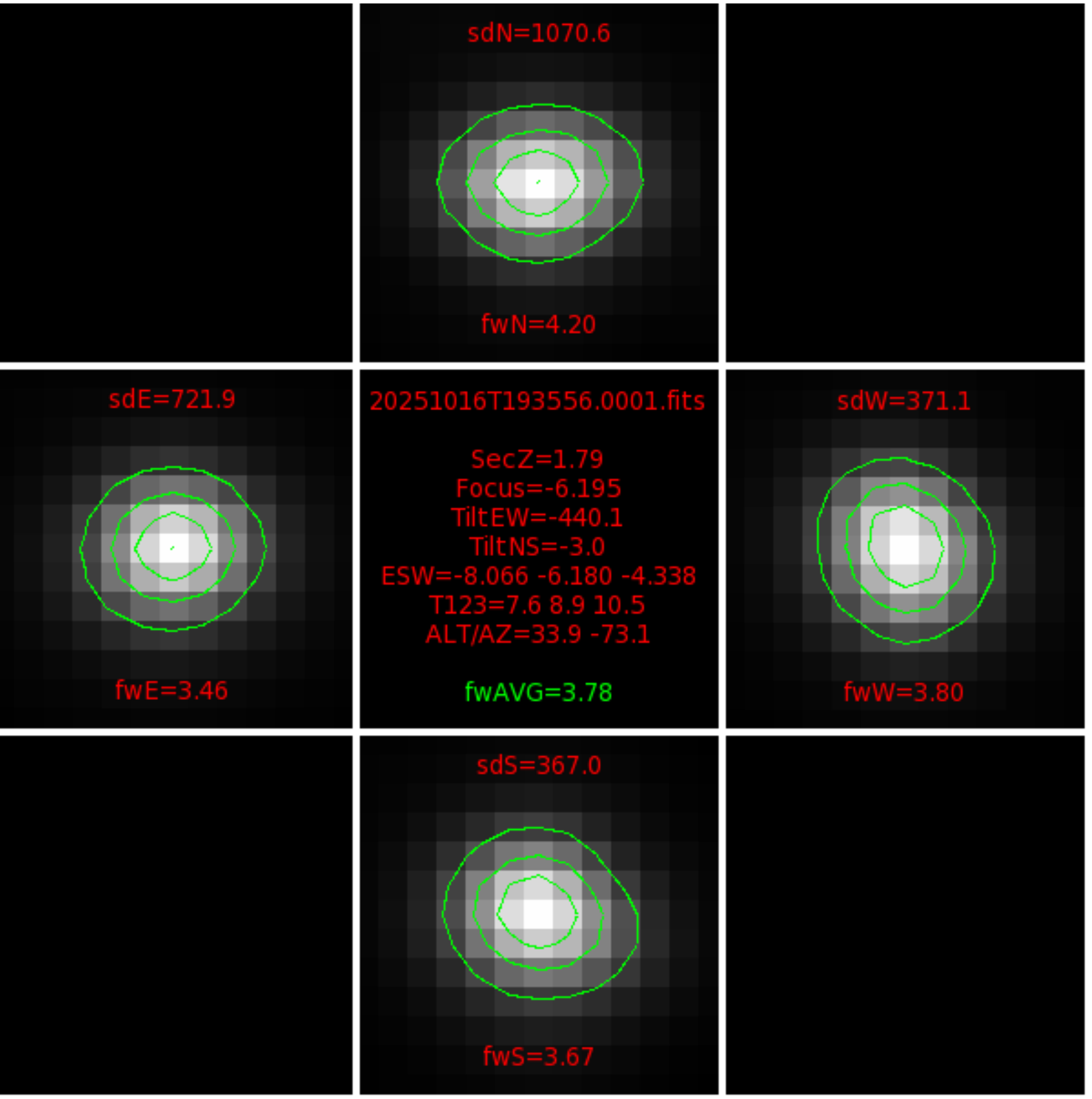
sdN=1070.6
fwN=4.20
sdE=721.9
fwE=3.46
20251016T193556.0001.fits
SecZ=1.79
Focus=-6.195
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.066 -6.180 -4.338
T123=7.6 8.9 10.5
ALT/AZ=33.9 -73.1
fwAVG=3.78
sdW=371.1
fwW=3.80
sdS=367.0
fwS=3.67
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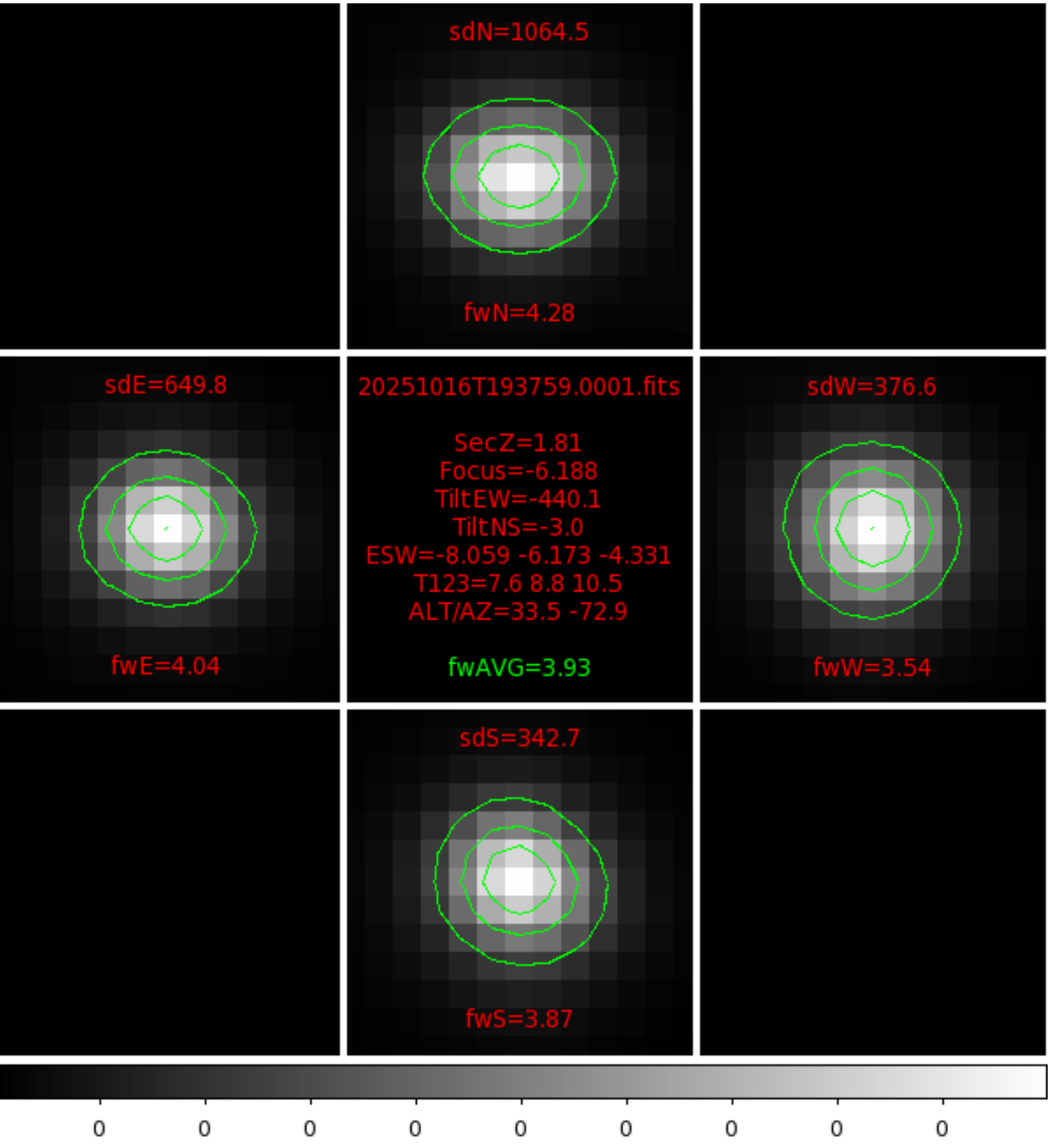
sdN=1064.5
fwN=4.28
sdE=649.8
fwE=4.04
20251016T193759.0001.fits
SecZ=1.81
Focus=-6.188
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.059 -6.173 -4.331
T123=7.6 8.8 10.5
ALT/AZ=33.5 -72.9
fwAVG=3.93
sdW=376.6
fwW=3.54
sdS=342.7
fwS=3.87
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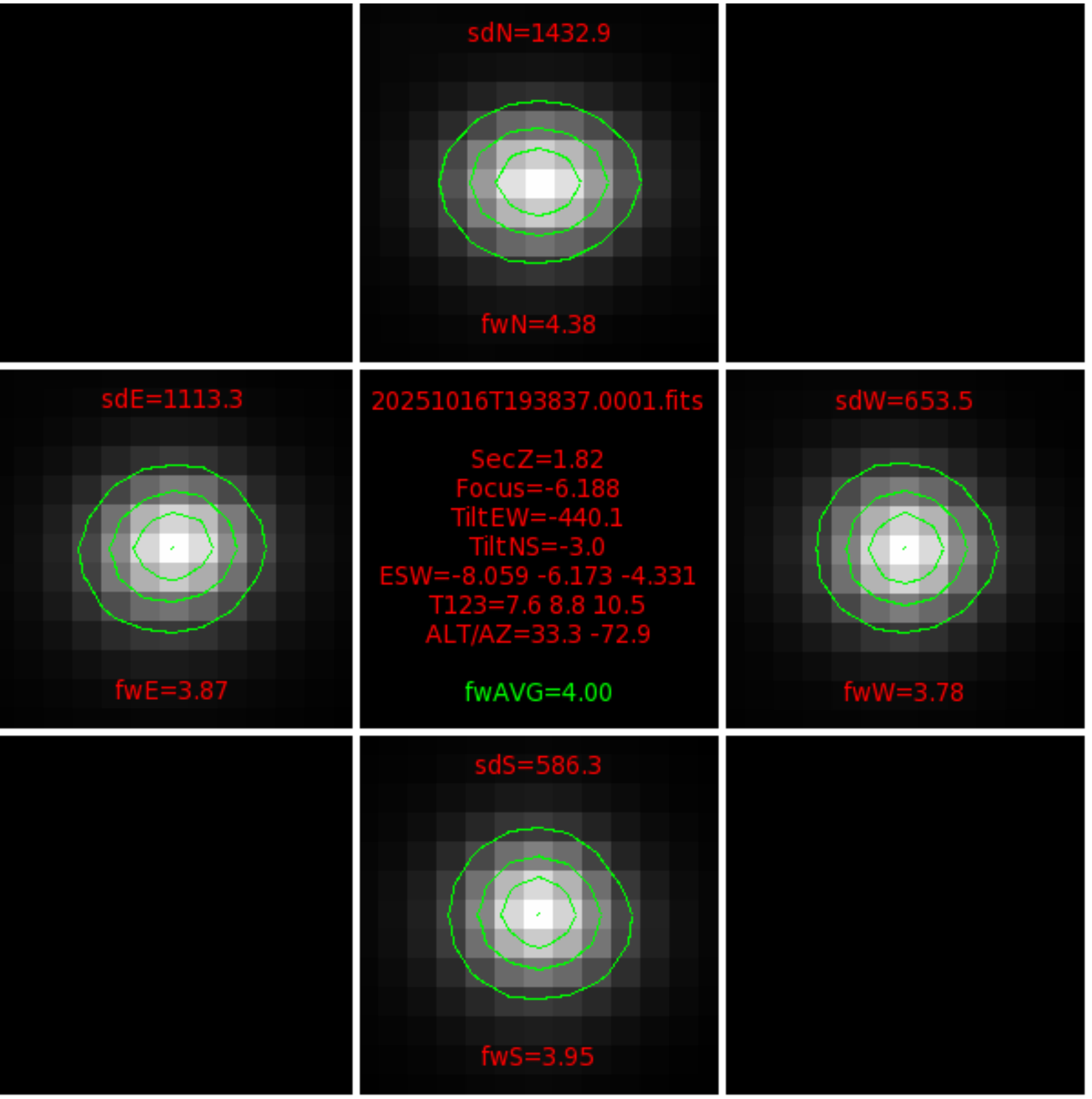
sdN=1432.9
fwN=4.38
sdE=1113.3
fwE=3.87
20251016T193837.0001.fits
SecZ=1.82
Focus=-6.188
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.059 -6.173 -4.331
T123=7.6 8.8 10.5
ALT/AZ=33.3 -72.9
fwAVG=4.00
sdW=653.5
fwW=3.78
sdS=586.3
fwS=3.95
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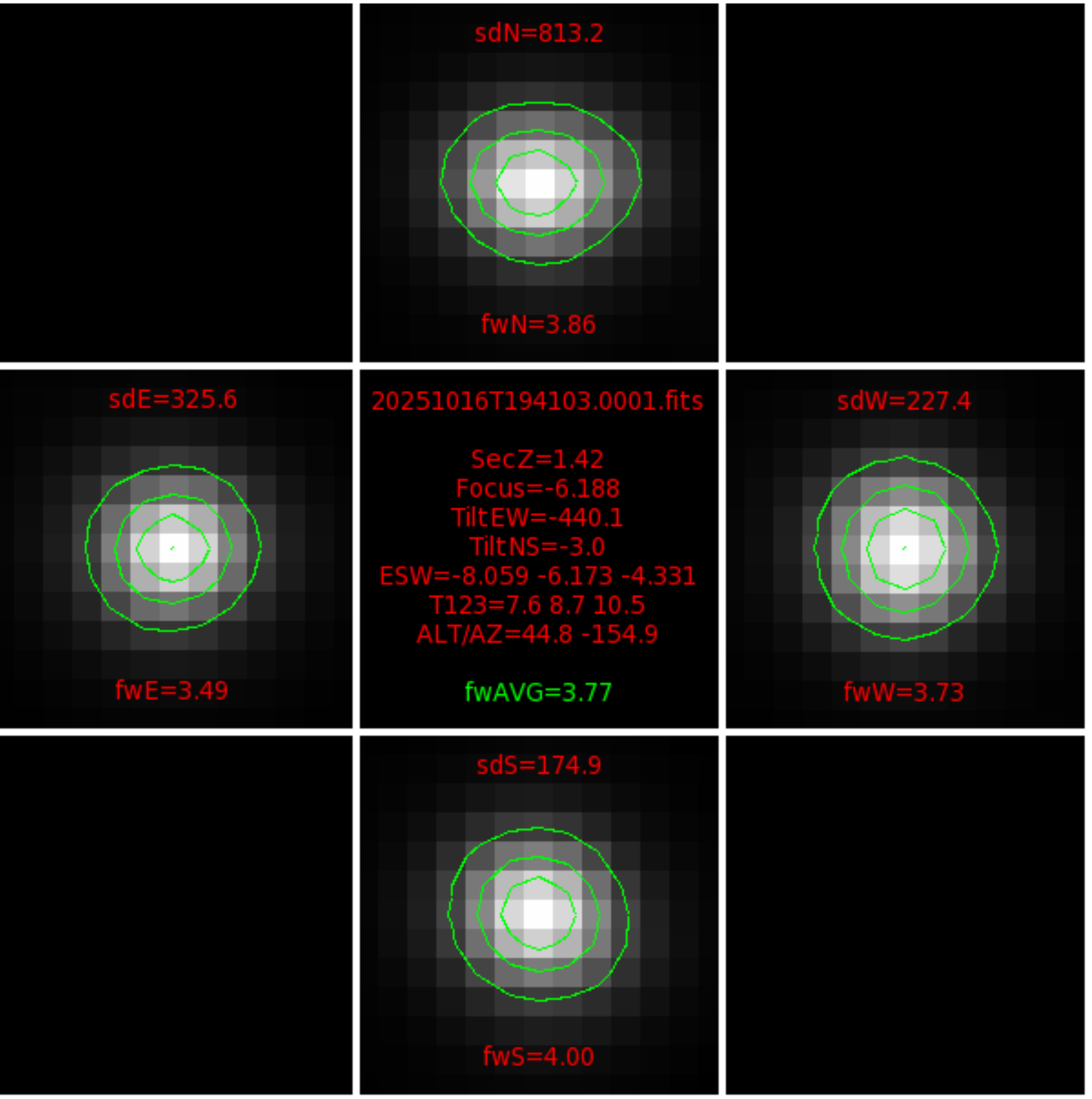
sdN=813.2
fwN=3.86
sdE=325.6
fwE=3.49
20251016T194103.0001.fits
SecZ=1.42
Focus=-6.188
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.059 -6.173 -4.331
T123=7.6 8.7 10.5
ALT/AZ=44.8 -154.9
fwAVG=3.77
sdW=227.4
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sdS=174.9
fwS=4.00
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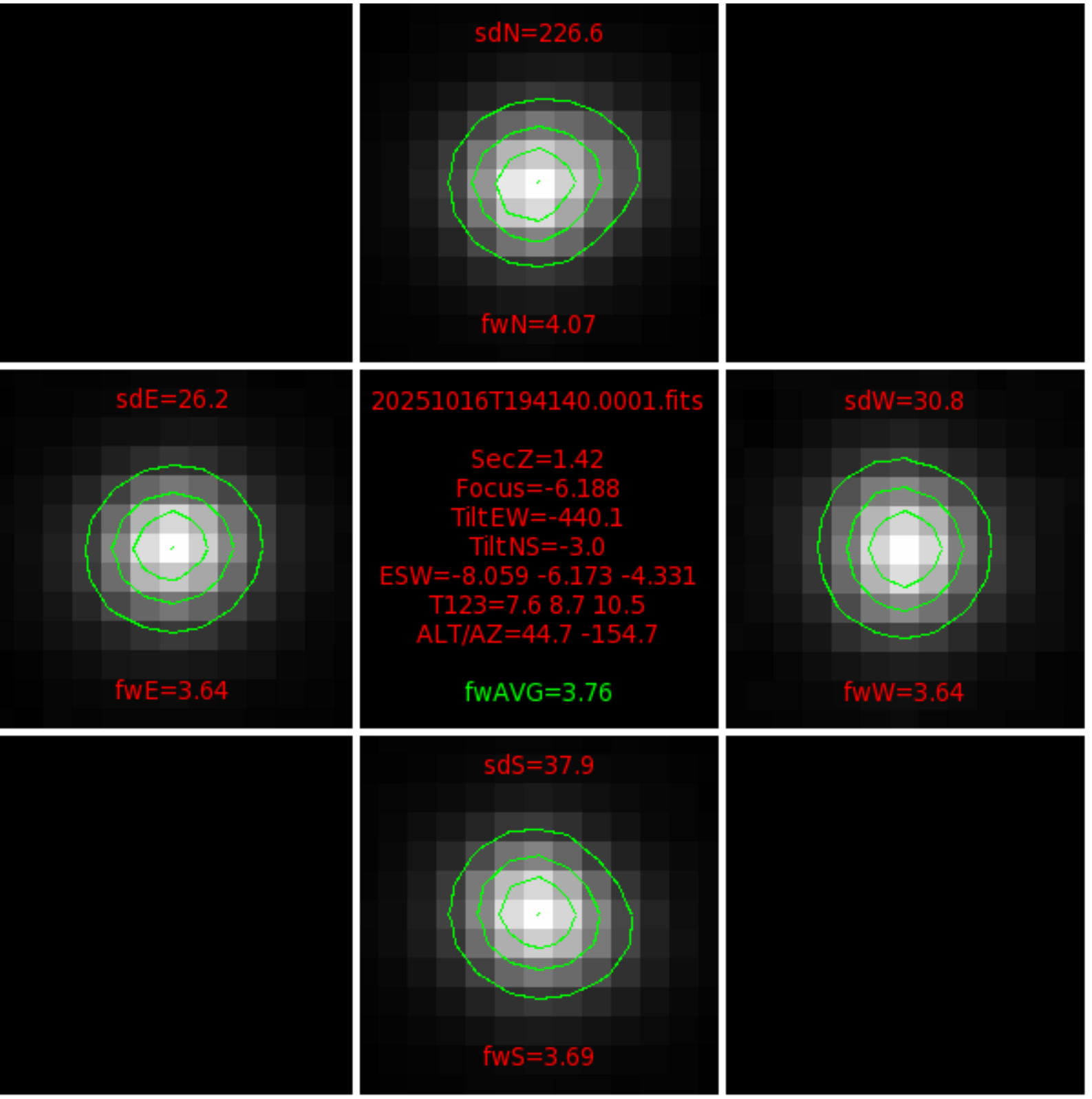
sdN=226.6
fwN=4.07
sdE=26.2
fwE=3.64
20251016T194140.0001.fits
SecZ=1.42
Focus=-6.188
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.059 -6.173 -4.331
T123=7.6 8.7 10.5
ALT/AZ=44.7 -154.7
fwAVG=3.76
sdW=30.8
fwW=3.64
sdS=37.9
fwS=3.69
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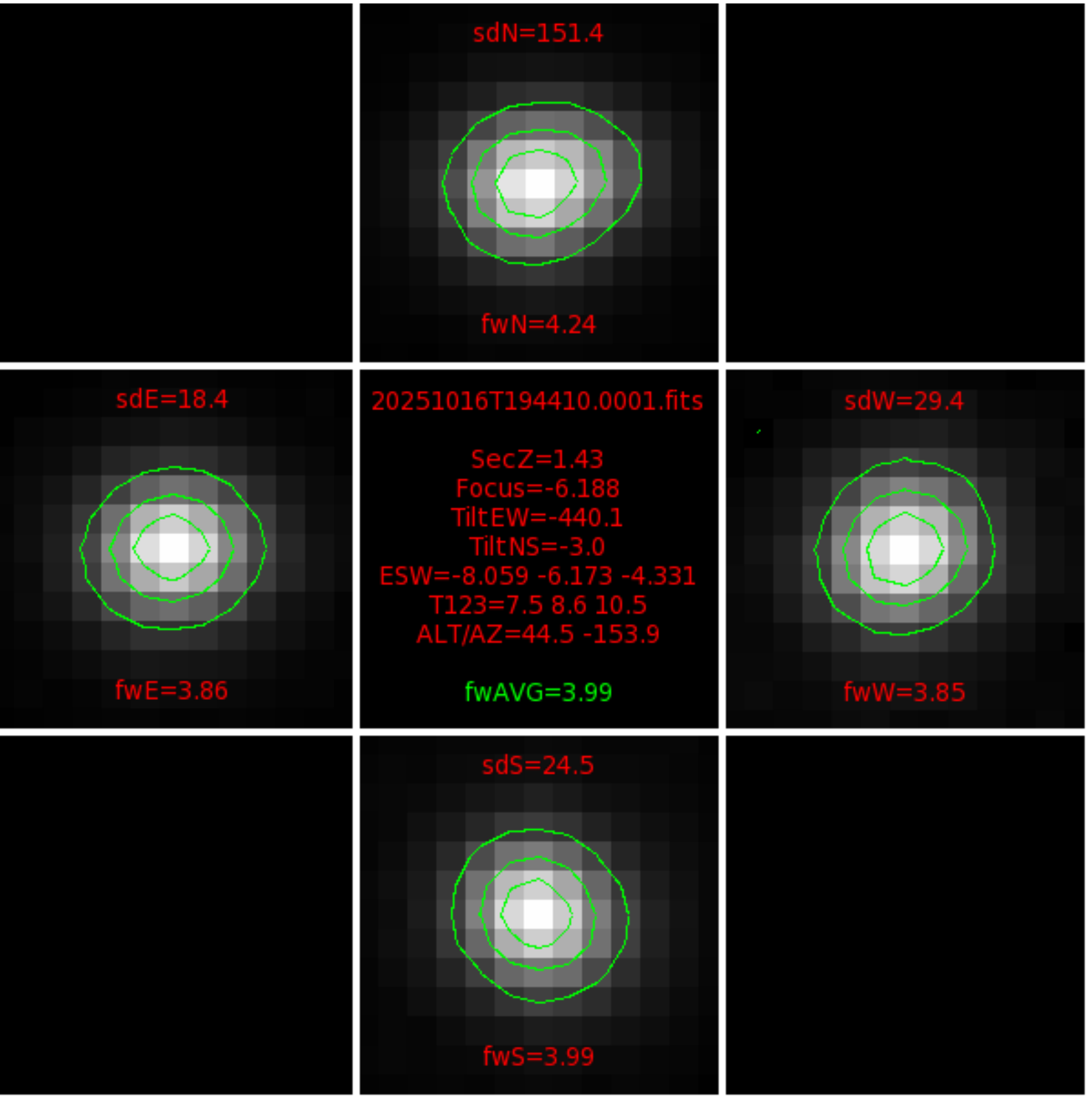
sdN=151.4
fwN=4.24
sdE=18.4
fwE=3.86
20251016T194410.0001.fits
SecZ=1.43
Focus=-6.188
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.059 -6.173 -4.331
T123=7.5 8.6 10.5
ALT/AZ=44.5 -153.9
fwAVG=3.99
sdW=29.4
fwW=3.85
sdS=24.5
fwS=3.99
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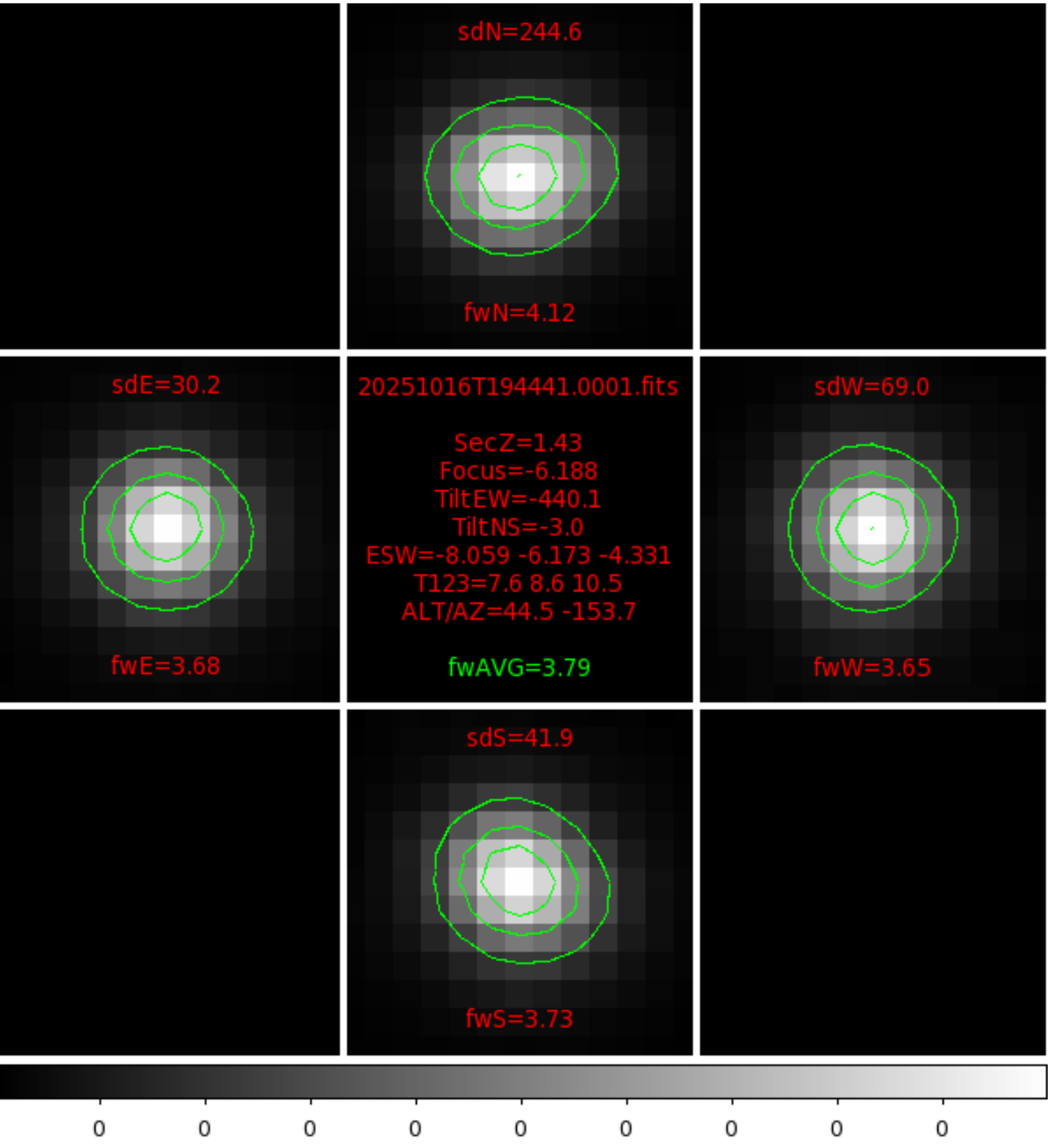
sdN=244.6
fwN=4.12
sdE=30.2
fwE=3.68
20251016T194441.0001.fits
SecZ=1.43
Focus=-6.188
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.059 -6.173 -4.331
T123=7.6 8.6 10.5
ALT/AZ=44.5 -153.7
fwAVG=3.79
sdW=69.0
fwW=3.65
sdS=41.9
fwS=3.73
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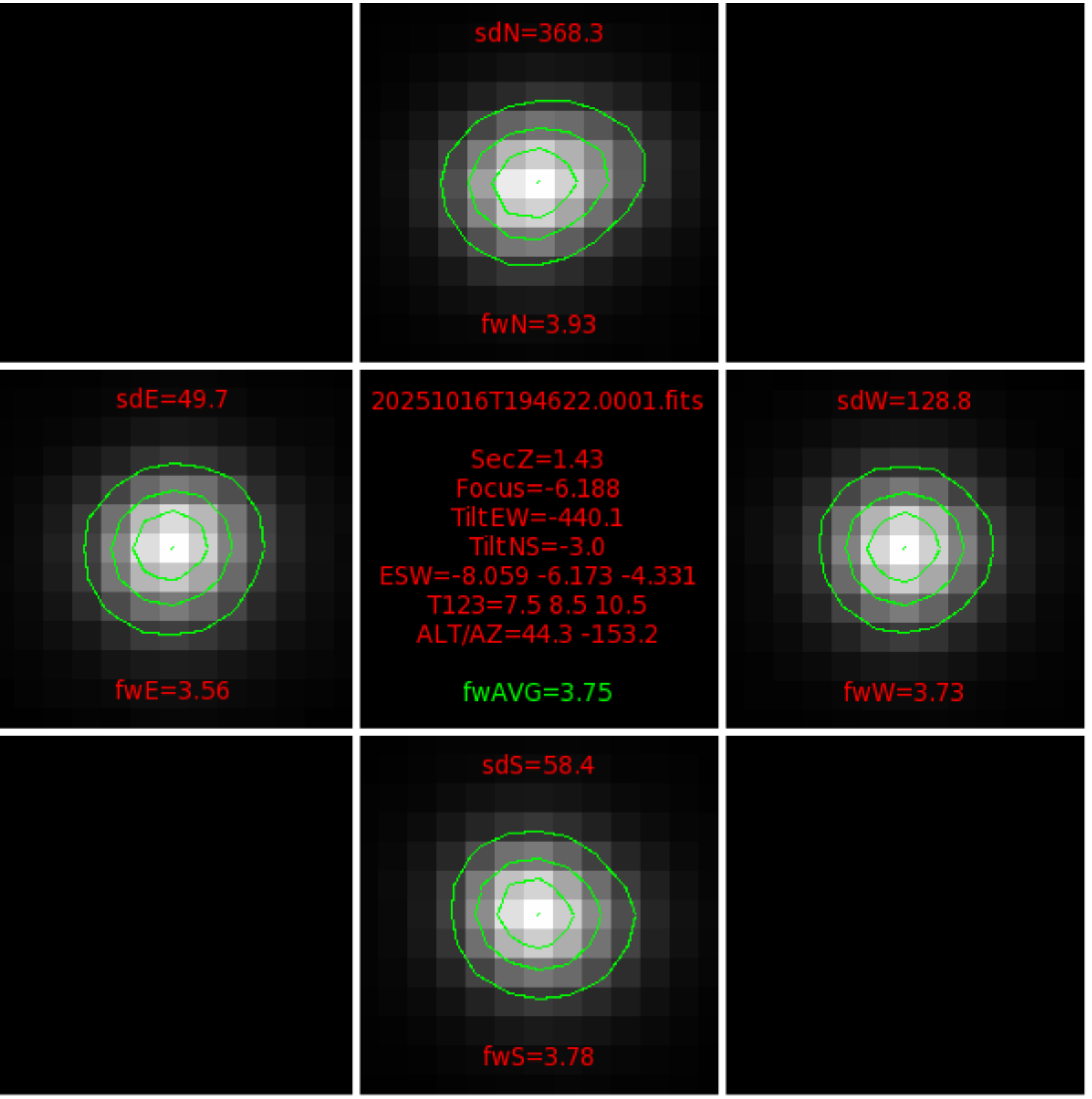
sdN=368.3
fwN=3.93
sdE=49.7
fwE=3.56
20251016T194622.0001.fits
SecZ=1.43
Focus=-6.188
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.059 -6.173 -4.331
T123=7.5 8.5 10.5
ALT/AZ=44.3 -153.2
fwAVG=3.75
sdW=128.8
fwW=3.73
sdS=58.4
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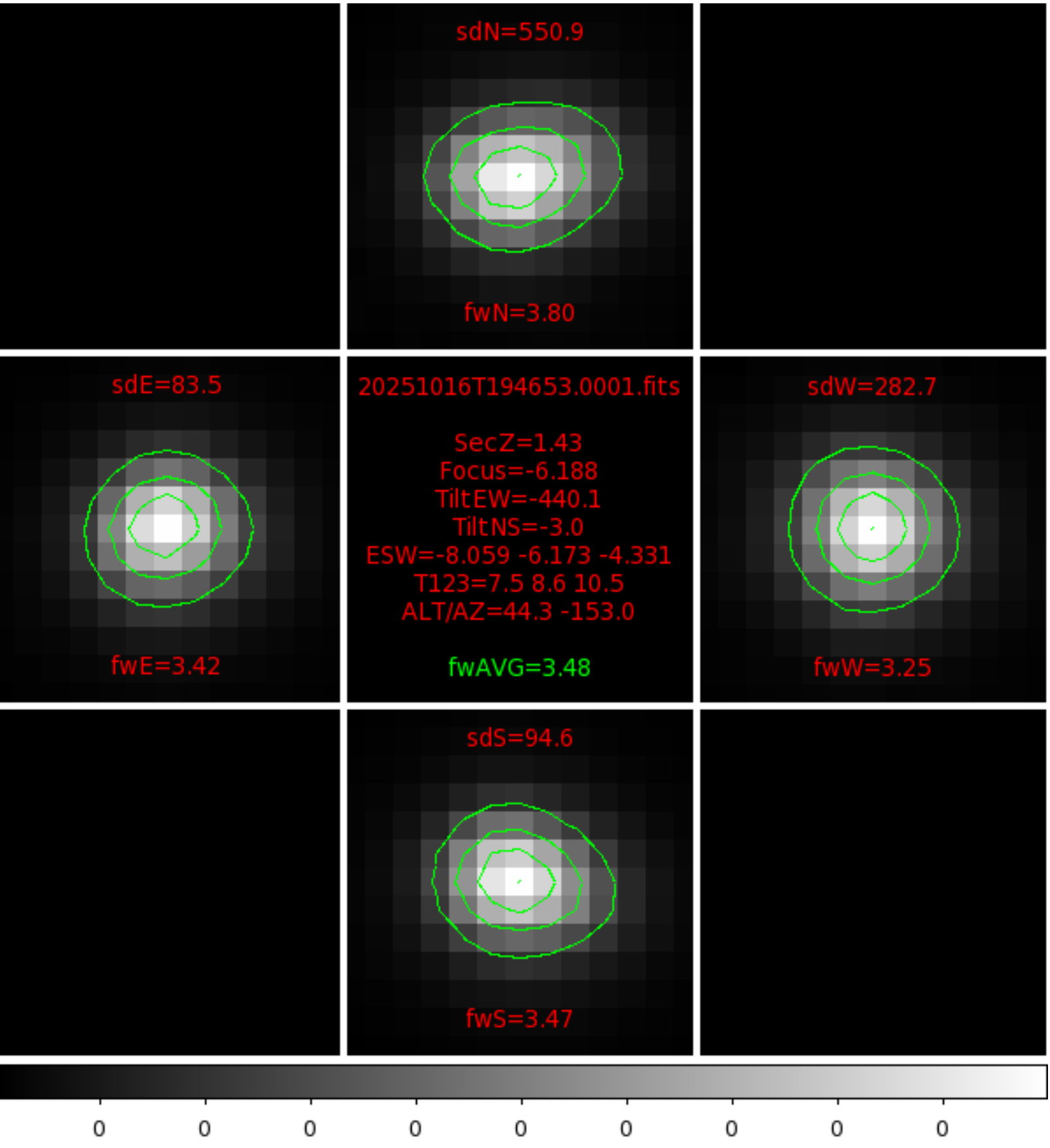
sdN=550.9
fwN=3.80
sdE=83.5
fwE=3.42
20251016T194653.0001.fits
SecZ=1.43
Focus=-6.188
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.059 -6.173 -4.331
T123=7.5 8.6 10.5
ALT/AZ=44.3 -153.0
fwAVG=3.48
sdW=282.7
fwW=3.25
sdS=94.6
fwS=3.47
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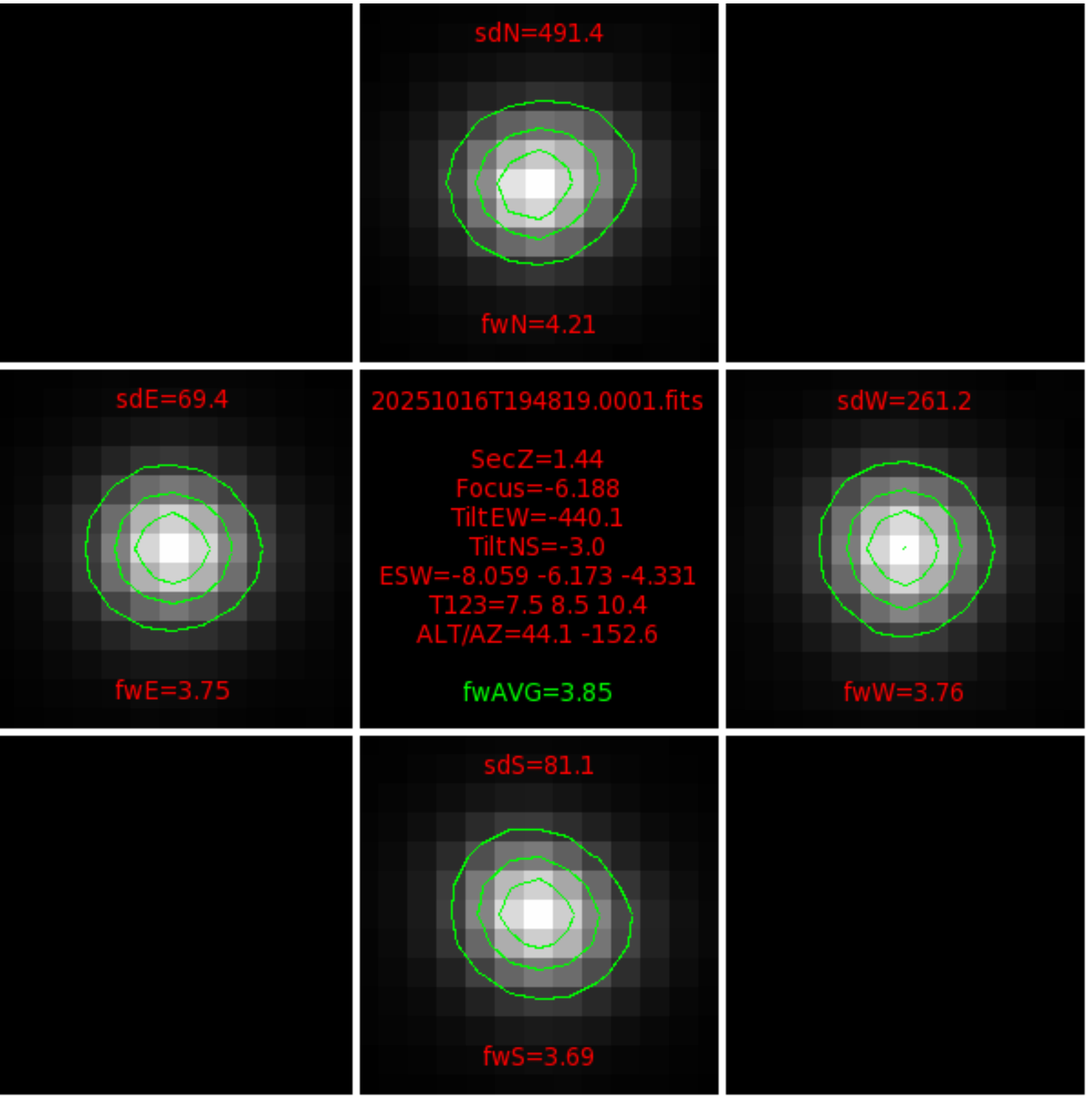
sdN=491.4
fwN=4.21
sdE=69.4
fwE=3.75
20251016T194819.0001.fits
SecZ=1.44
Focus=-6.188
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.059 -6.173 -4.331
T123=7.5 8.5 10.4
ALT/AZ=44.1 -152.6
fwAVG=3.85
sdW=261.2
fwW=3.76
sdS=81.1
fwS=3.69
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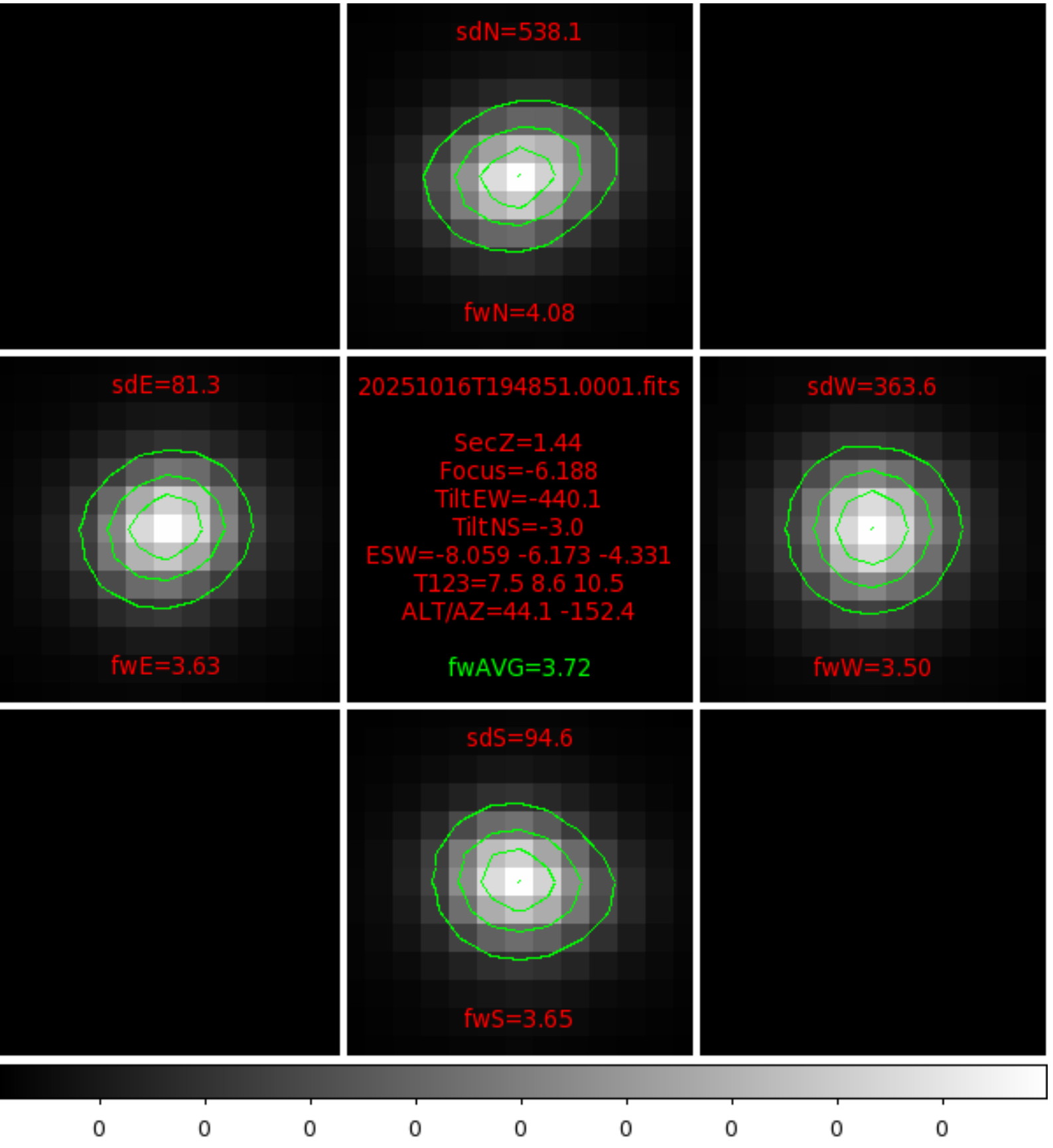
sdN=538.1
fwN=4.08
sdE=81.3
fwE=3.63
20251016T194851.0001.fits
SecZ=1.44
Focus=-6.188
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.059 -6.173 -4.331
T123=7.5 8.6 10.5
ALT/AZ=44.1 -152.4
fwAVG=3.72
sdW=363.6
fwW=3.50
sdS=94.6
fwS=3.65
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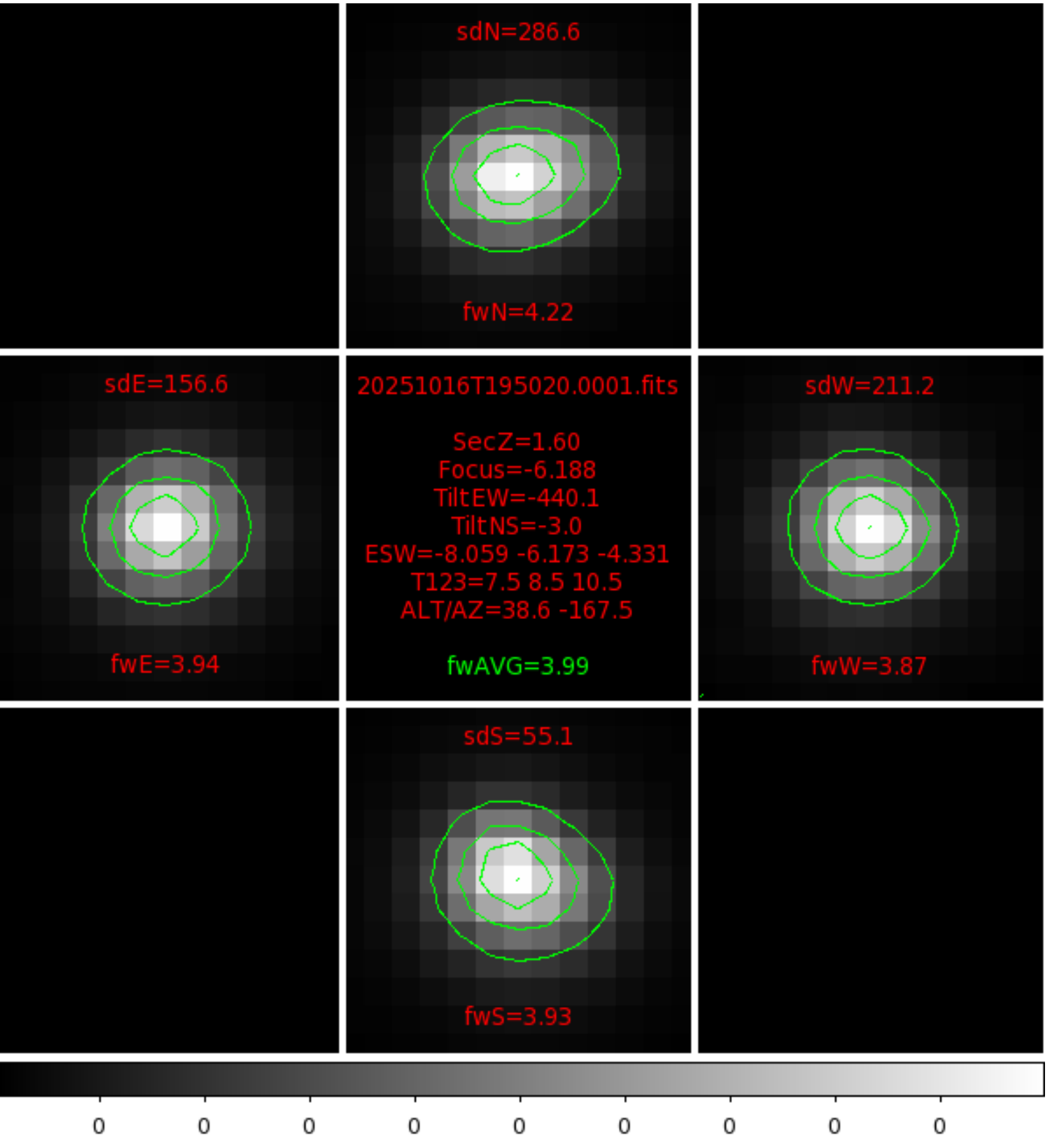
sdN=286.6
fwN=4.22
sdE=156.6
fwE=3.94
20251016T195020.0001.fits
SecZ=1.60
Focus=-6.188
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.059 -6.173 -4.331
T123=7.5 8.5 10.5
ALT/AZ=38.6 -167.5
fwAVG=3.99
sdW=211.2
fwW=3.87
sdS=55.1
fwS=3.93
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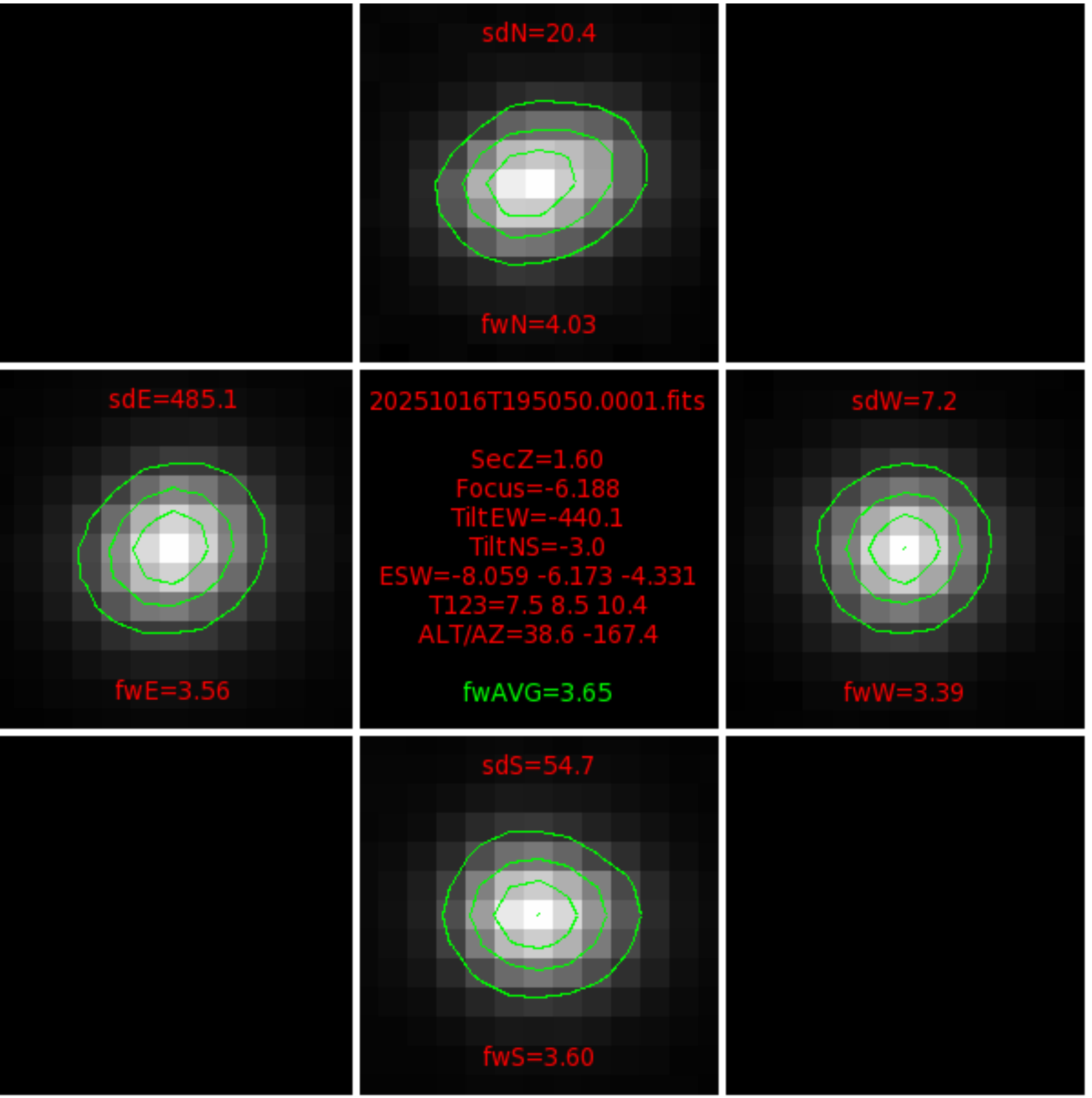
sdN=20.4
fwN=4.03
sdE=485.1
fwE=3.56
20251016T195050.0001.fits
SecZ=1.60
Focus=-6.188
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.059 -6.173 -4.331
T123=7.5 8.5 10.4
ALT/AZ=38.6 -167.4
fwAVG=3.65
sdW=7.2
fwW=3.39
sdS=54.7
fwS=3.60
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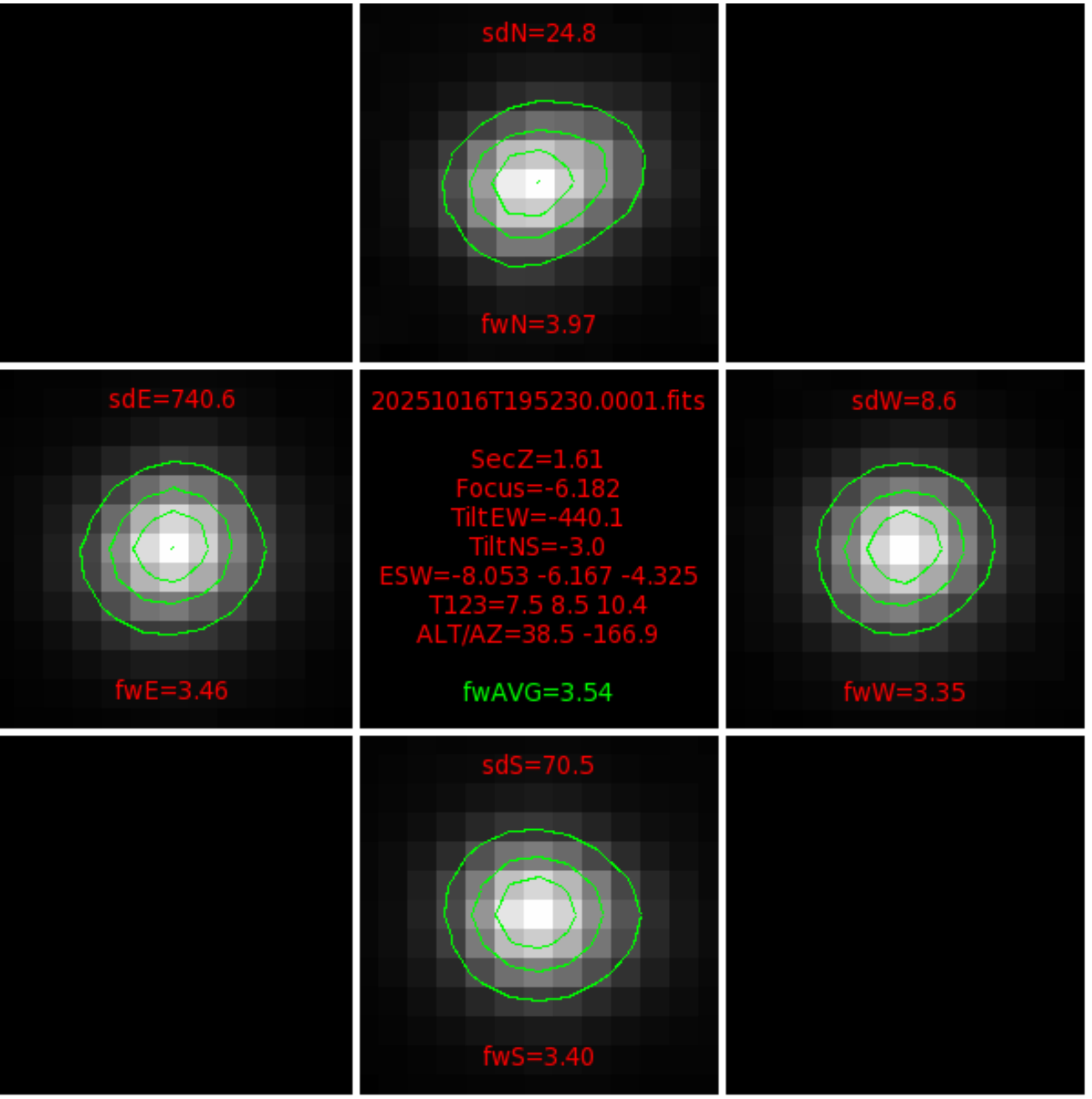
sdN=24.8
fwN=3.97
sdE=740.6
fwE=3.46
20251016T195230.0001.fits
SecZ=1.61
Focus=-6.182
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.053 -6.167 -4.325
T123=7.5 8.5 10.4
ALT/AZ=38.5 -166.9
fwAVG=3.54
sdW=8.6
fwW=3.35
sdS=70.5
fwS=3.40
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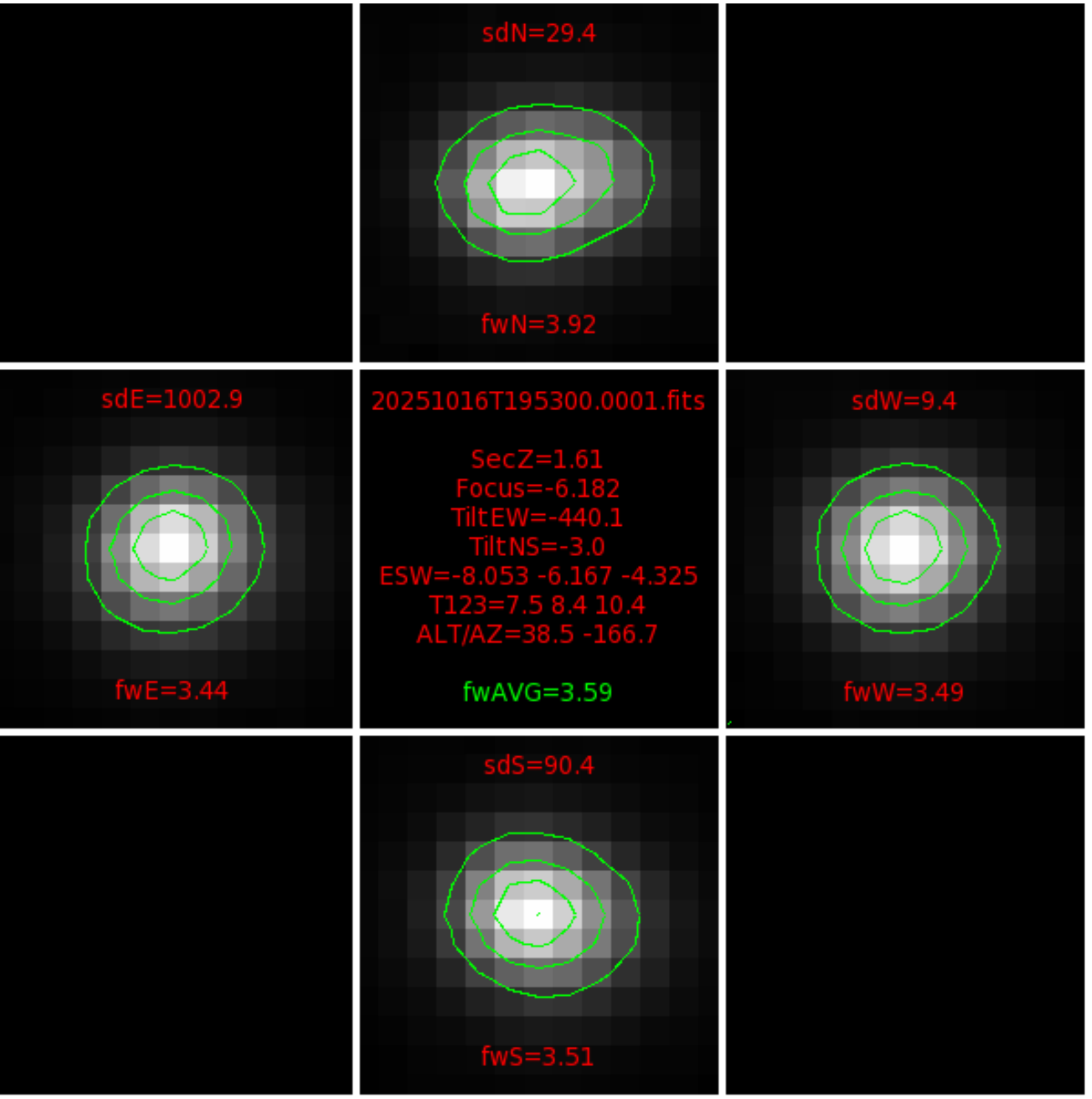
sdN=29.4
fwN=3.92
sdE=1002.9
fwE=3.44
20251016T195300.0001.fits
SecZ=1.61
Focus=-6.182
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.053 -6.167 -4.325
T123=7.5 8.4 10.4
ALT/AZ=38.5 -166.7
fwAVG=3.59
sdW=9.4
fwW=3.49
sdS=90.4
fwS=3.51
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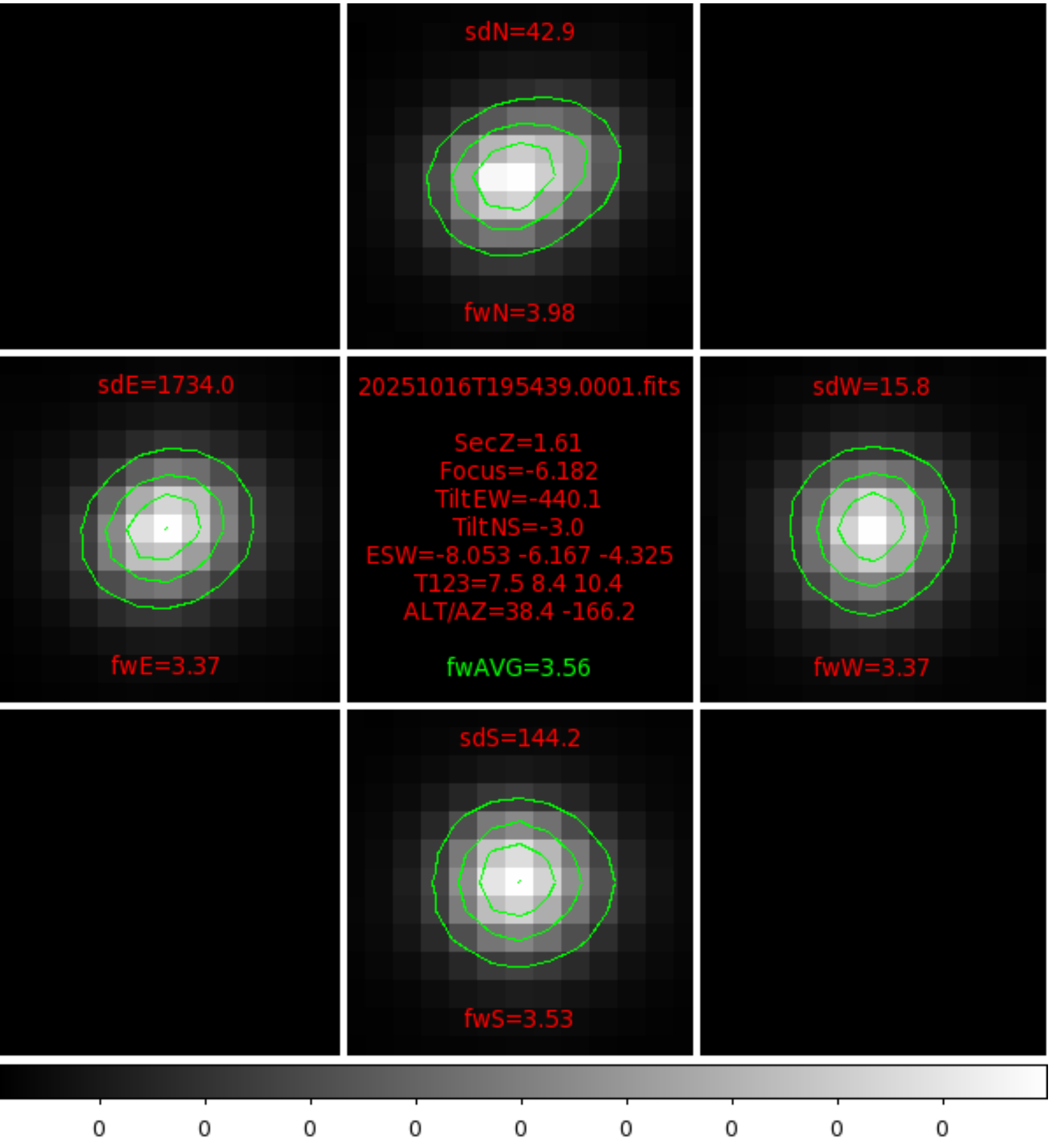
sdN=42.9
fwN=3.98
sdE=1734.0
fwE=3.37
20251016T195439.0001.fits
SecZ=1.61
Focus=-6.182
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.053 -6.167 -4.325
T123=7.5 8.4 10.4
ALT/AZ=38.4 -166.2
fwAVG=3.56
sdW=15.8
fwW=3.37
sdS=144.2
fwS=3.53
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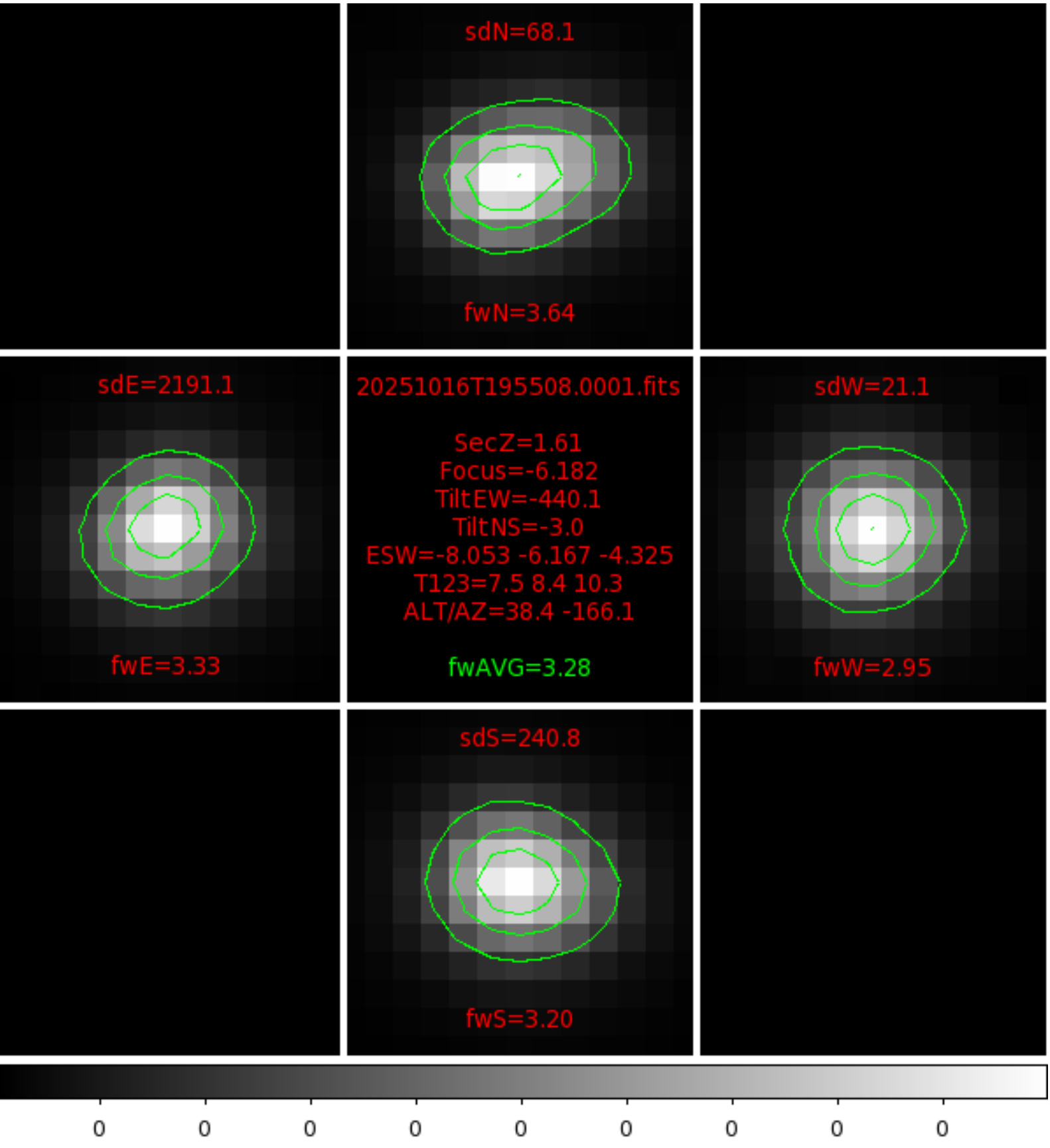
sdN=68.1
fwN=3.64
sdE=2191.1
fwE=3.33
20251016T195508.0001.fits
SecZ=1.61
Focus=-6.182
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.053 -6.167 -4.325
T123=7.5 8.4 10.3
ALT/AZ=38.4 -166.1
fwAVG=3.28
sdW=21.1
fwW=2.95
sdS=240.8
fwS=3.20
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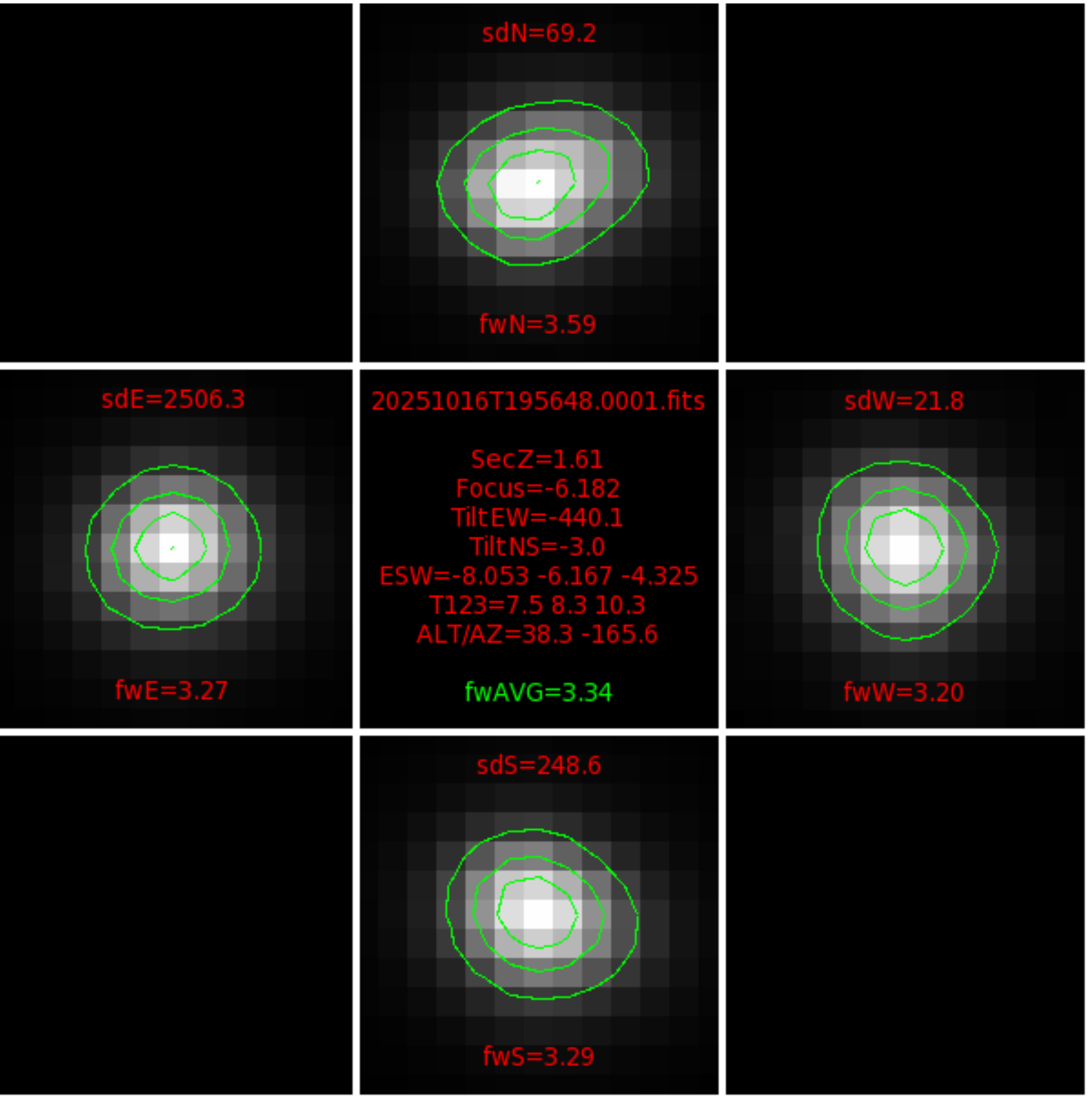
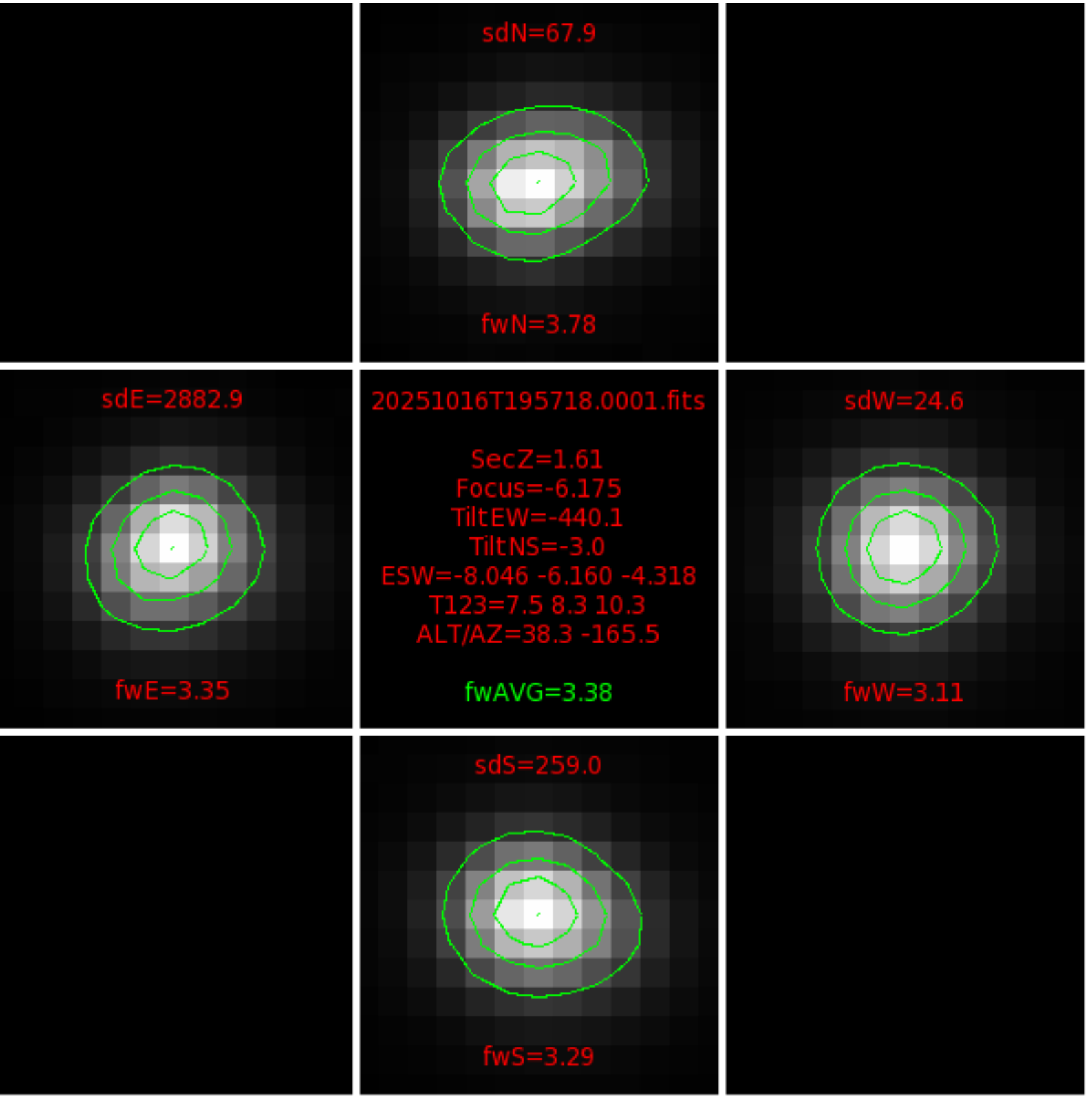

sdN=69.2
fwN=3.59
sdE=2506.3
fwE=3.27
20251016T195648.0001.fits
SecZ=1.61
Focus=-6.182
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.053 -6.167 -4.325
T123=7.5 8.3 10.3
ALT/AZ=38.3 -165.6
fwAVG=3.34
sdW=21.8
fwW=3.20
sdS=248.6
fwS=3.29
0 0 0 0 0 0 0 0 0


sdN=67.9
fwN=3.78
sdE=2882.9
fwE=3.35
20251016T195718.0001.fits
SecZ=1.61
Focus=-6.175
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.046 -6.160 -4.318
T123=7.5 8.3 10.3
ALT/AZ=38.3 -165.5
fwAVG=3.38
sdW=24.6
fwW=3.11
sdS=259.0
fwS=3.29
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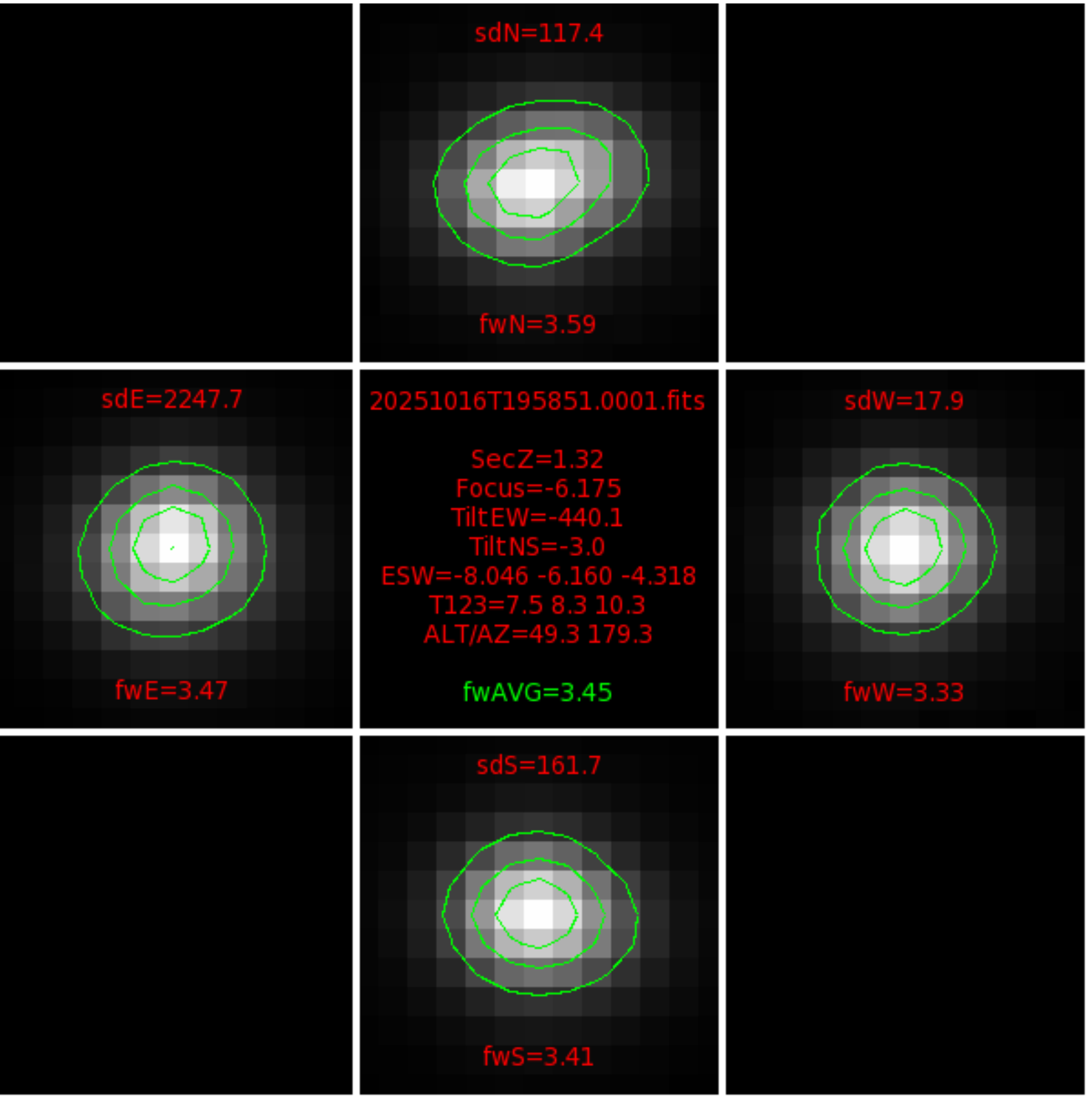
sdN=117.4
fwN=3.59
sdE=2247.7
fwE=3.47
20251016T195851.0001.fits
SecZ=1.32
Focus=-6.175
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.046 -6.160 -4.318
T123=7.5 8.3 10.3
ALT/AZ=49.3 179.3
fwAVG=3.45
sdW=17.9
fwW=3.33
sdS=161.7
fwS=3.41
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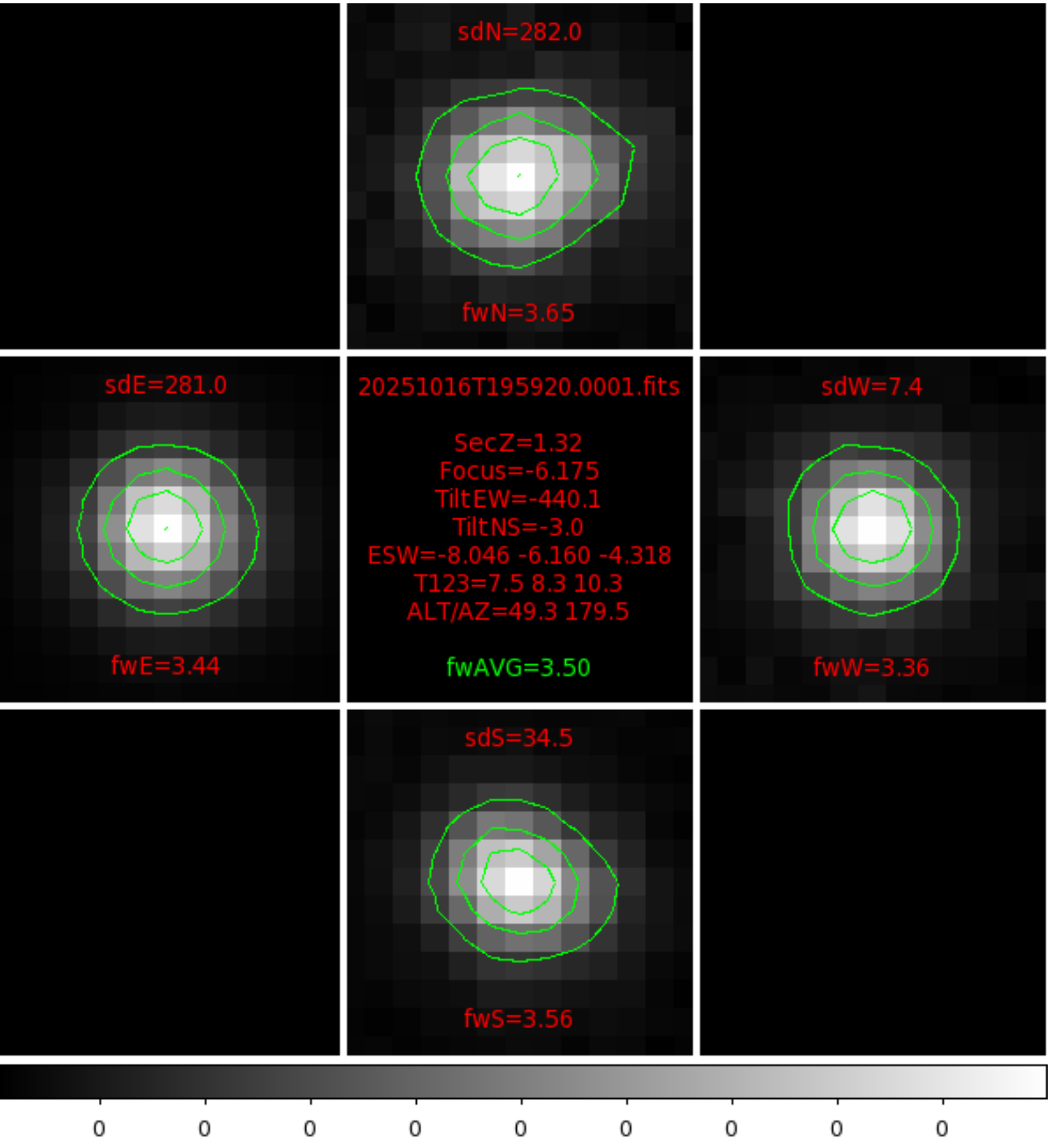
sdN=282.0
fwN=3.65
sdE=281.0
fwE=3.44
20251016T195920.0001.fits
SecZ=1.32
Focus=-6.175
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.046 -6.160 -4.318
T123=7.5 8.3 10.3
ALT/AZ=49.3 179.5
fwAVG=3.50
sdW=7.4
fwW=3.36
sdS=34.5
fwS=3.56
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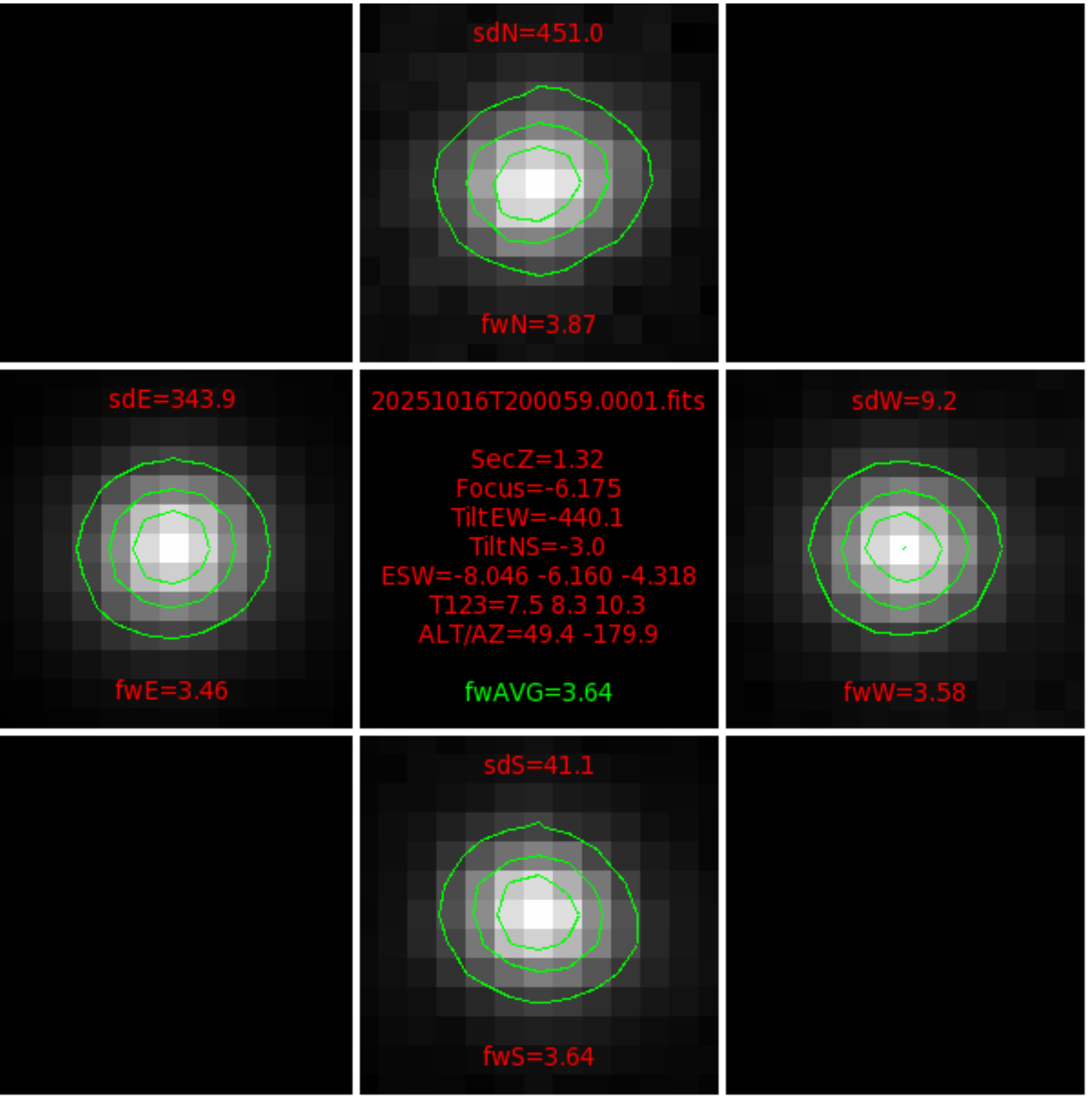
sdN=451.0
fwN=3.87
sdE=343.9
fwE=3.46
20251016T200059.0001.fits
SecZ=1.32
Focus=-6.175
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.046 -6.160 -4.318
T123=7.5 8.3 10.3
ALT/AZ=49.4 -179.9
fwAVG=3.64
sdW=9.2
fwW=3.58
sdS=41.1
fwS=3.64
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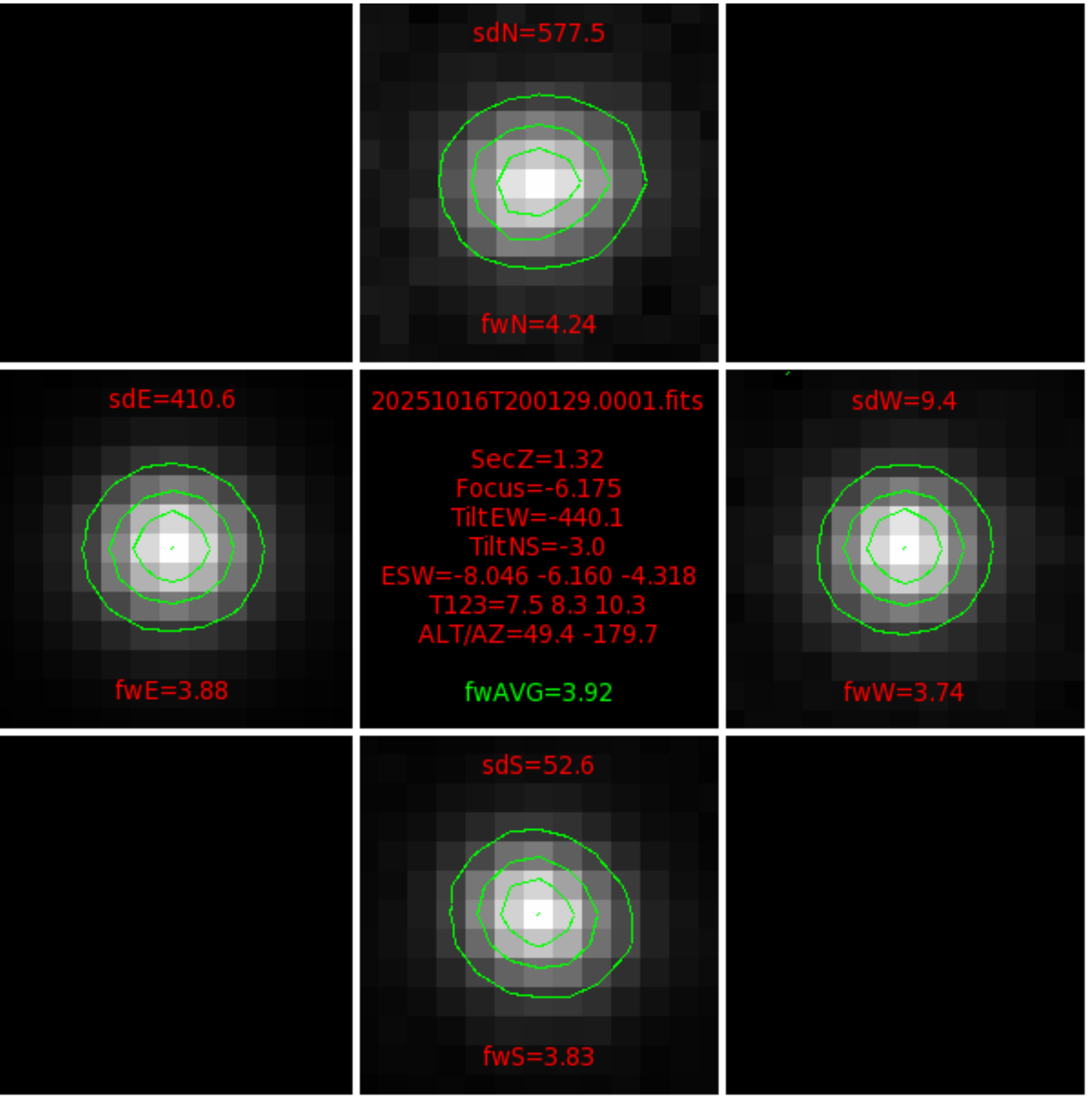
sdN=577.5
fwN=4.24
sdE=410.6
fwE=3.88
20251016T200129.0001.fits
SecZ=1.32
Focus=-6.175
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.046 -6.160 -4.318
T123=7.5 8.3 10.3
ALT/AZ=49.4 -179.7
fwAVG=3.92
sdW=9.4
fwW=3.74
sdS=52.6
fwS=3.83
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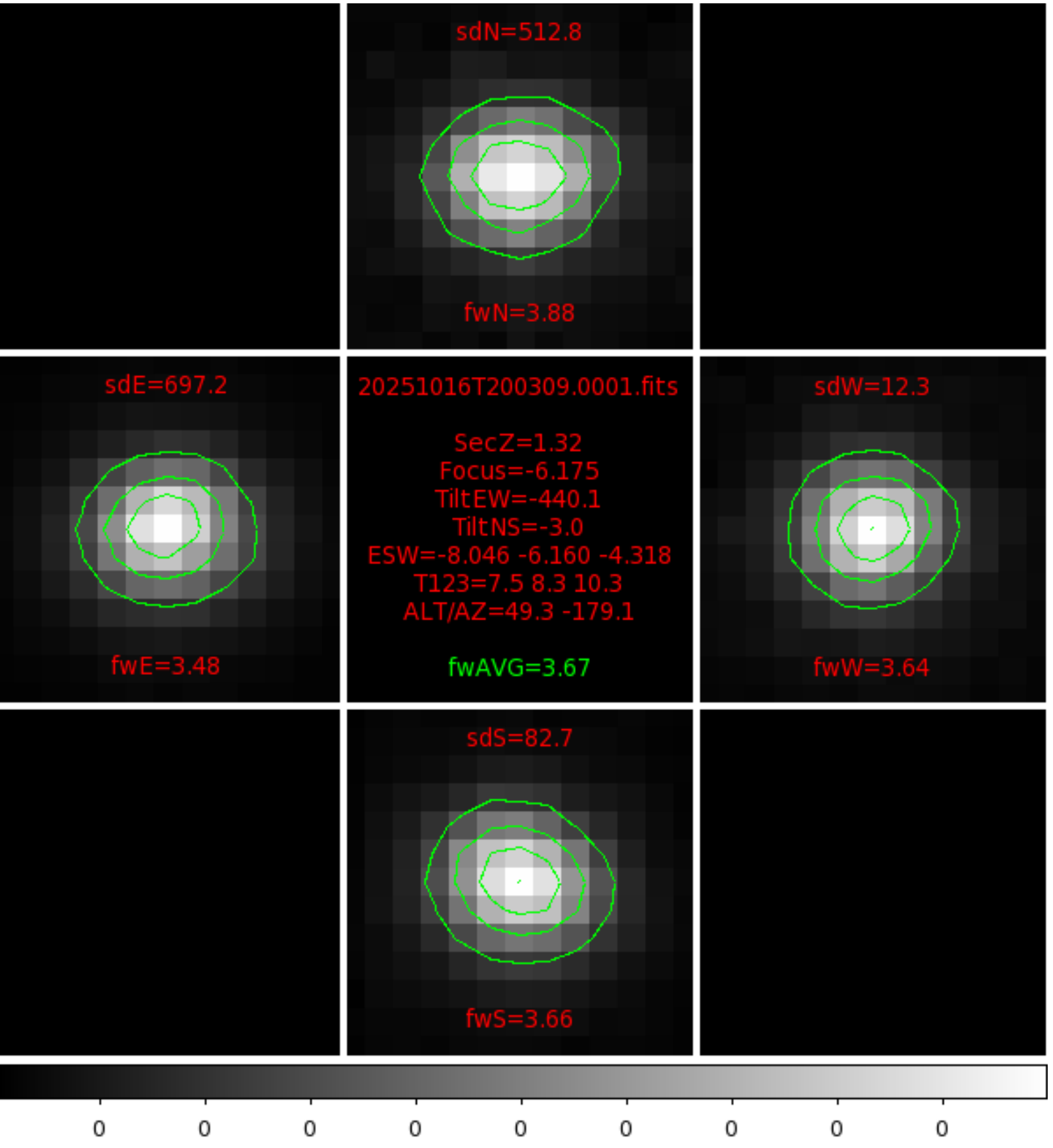
sdN=512.8
fwN=3.88
sdE=697.2
fwE=3.48
20251016T200309.0001.fits
SecZ=1.32
Focus=-6.175
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.046 -6.160 -4.318
T123=7.5 8.3 10.3
ALT/AZ=49.3 -179.1
fwAVG=3.67
sdW=12.3
fwW=3.64
sdS=82.7
fwS=3.66
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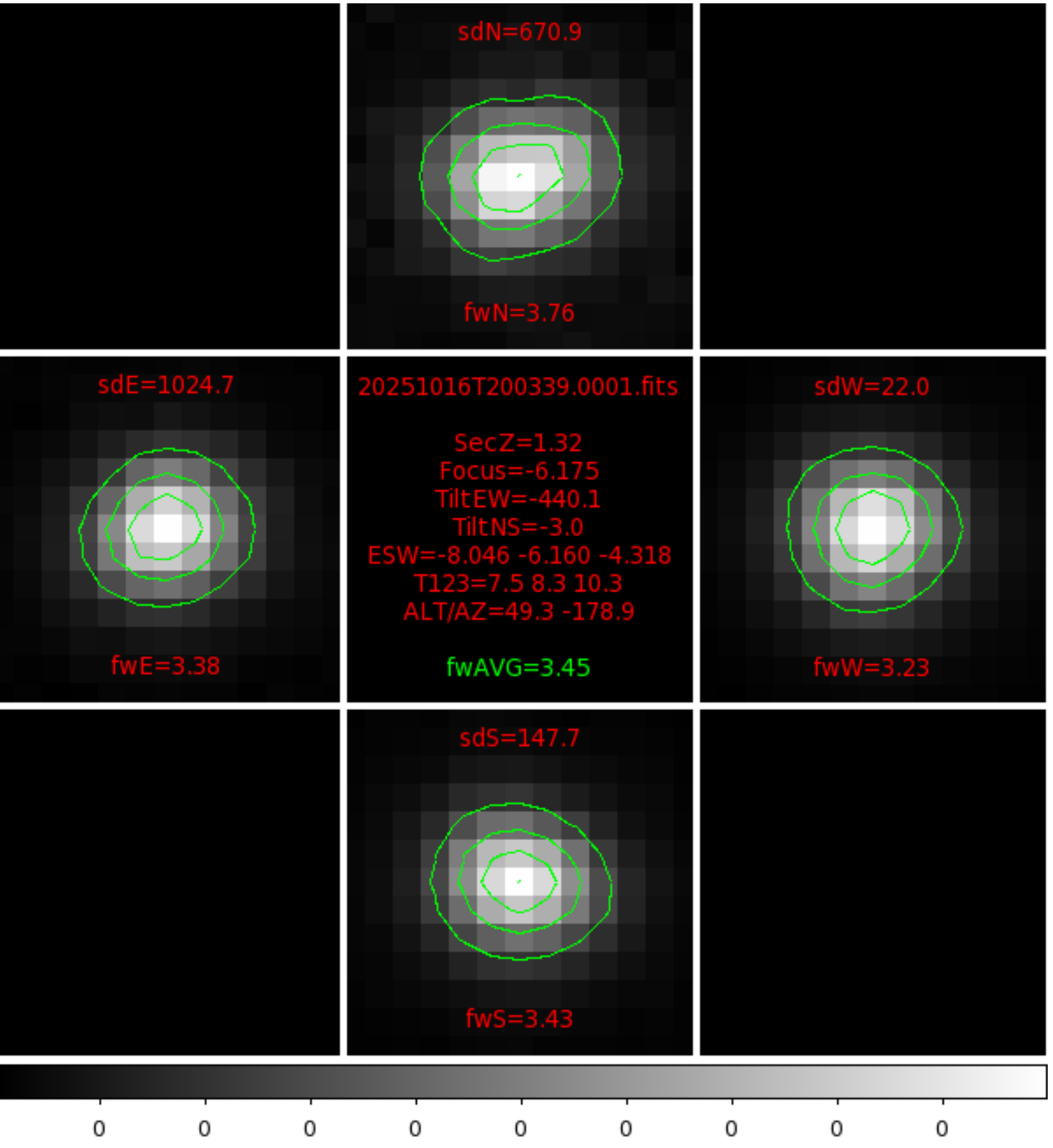
sdN=670.9
fwN=3.76
sdE=1024.7
fwE=3.38
20251016T200339.0001.fits
SecZ=1.32
Focus=-6.175
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.046 -6.160 -4.318
T123=7.5 8.3 10.3
ALT/AZ=49.3 -178.9
fwAVG=3.45
sdW=22.0
fwW=3.23
sdS=147.7
fwS=3.43
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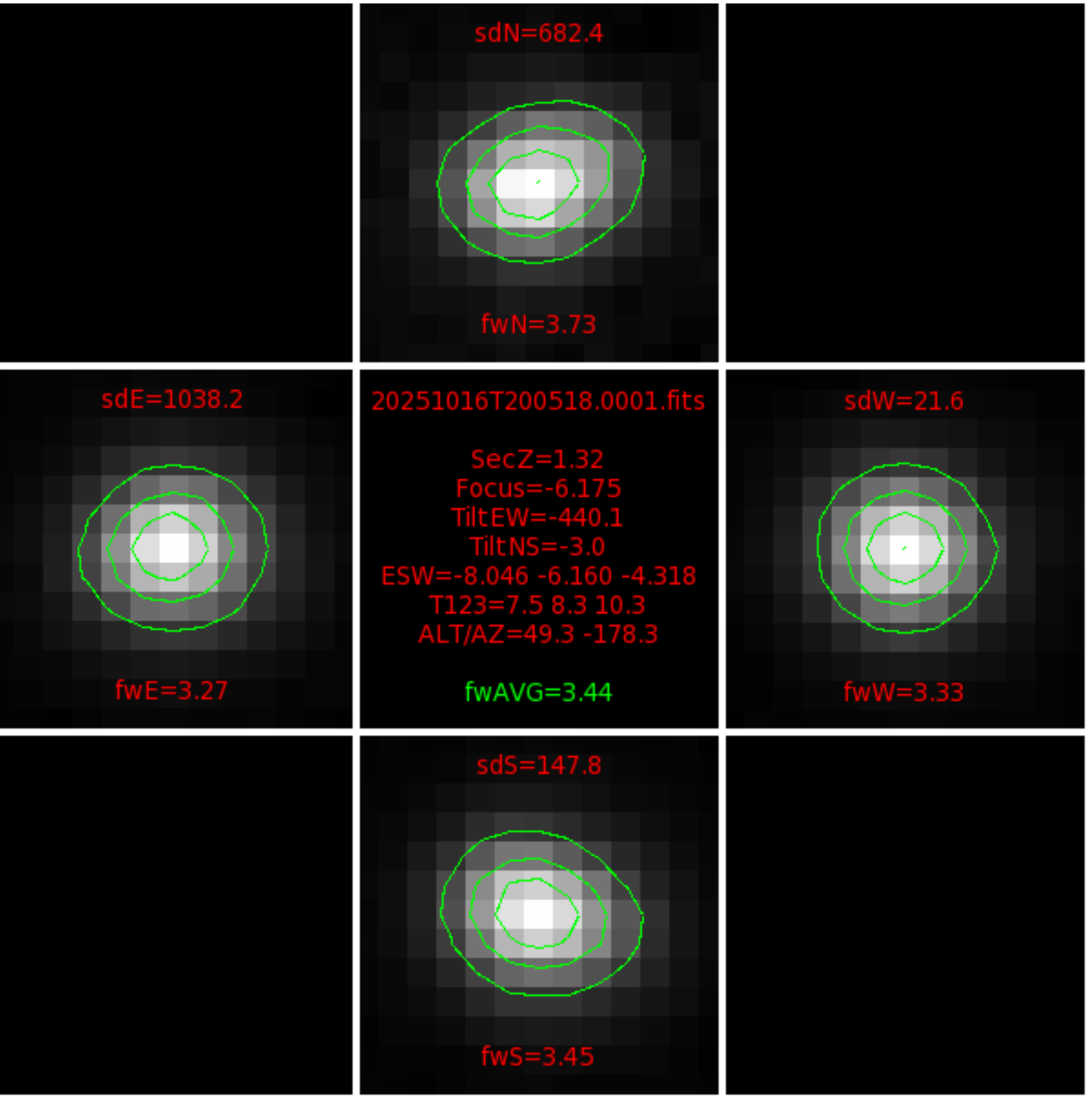
sdN=682.4
fwN=3.73
sdE=1038.2
fwE=3.27
20251016T200518.0001.fits
SecZ=1.32
Focus=-6.175
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.046 -6.160 -4.318
T123=7.5 8.3 10.3
ALT/AZ=49.3 -178.3
fwAVG=3.44
sdW=21.6
fwW=3.33
sdS=147.8
fwS=3.45
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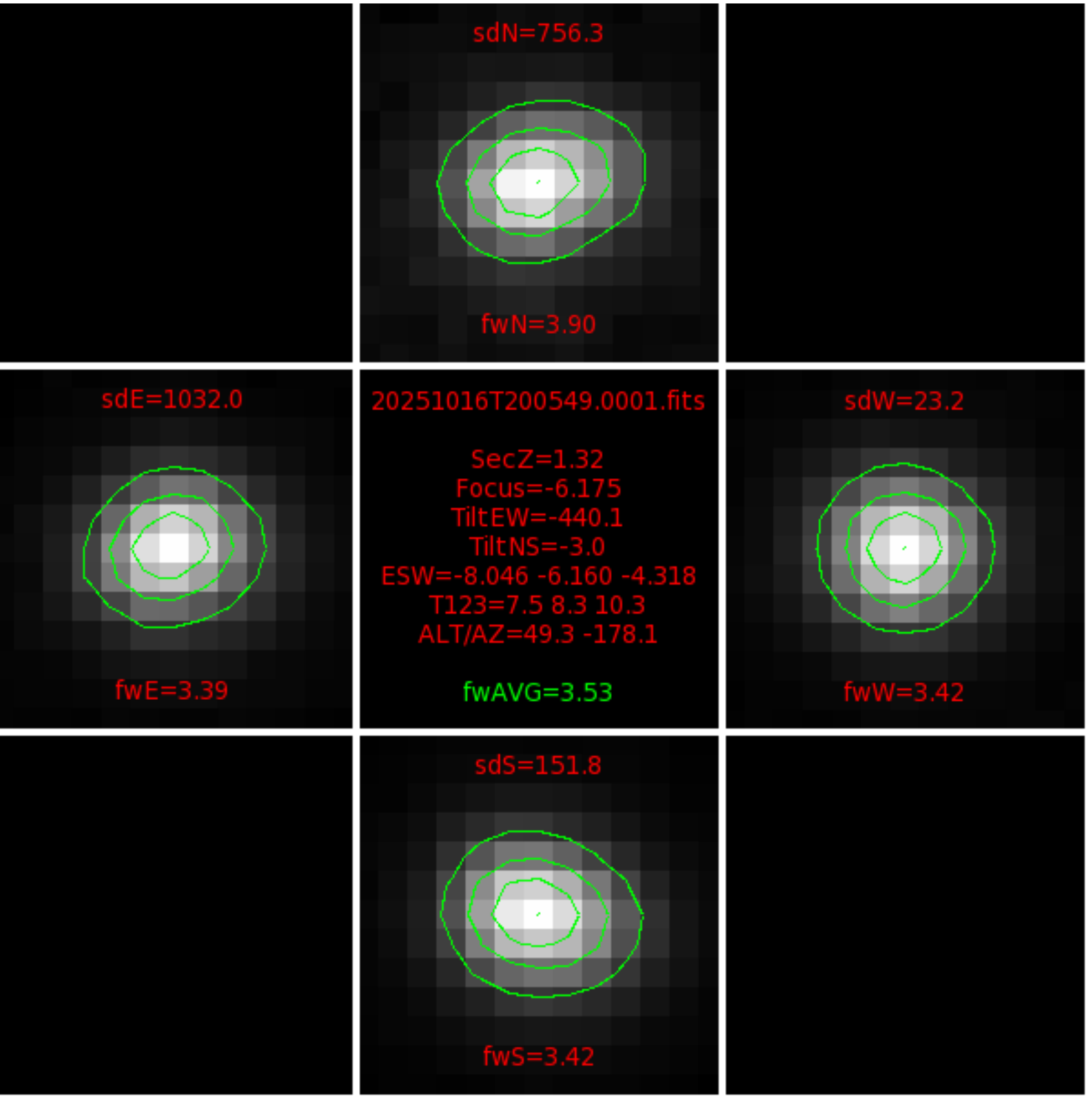
sdN=756.3
fwN=3.90
sdE=1032.0
fwE=3.39
20251016T200549.0001.fits
SecZ=1.32
Focus=-6.175
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.046 -6.160 -4.318
T123=7.5 8.3 10.3
ALT/AZ=49.3 -178.1
fwAVG=3.53
sdW=23.2
fwW=3.42
sdS=151.8
fwS=3.42
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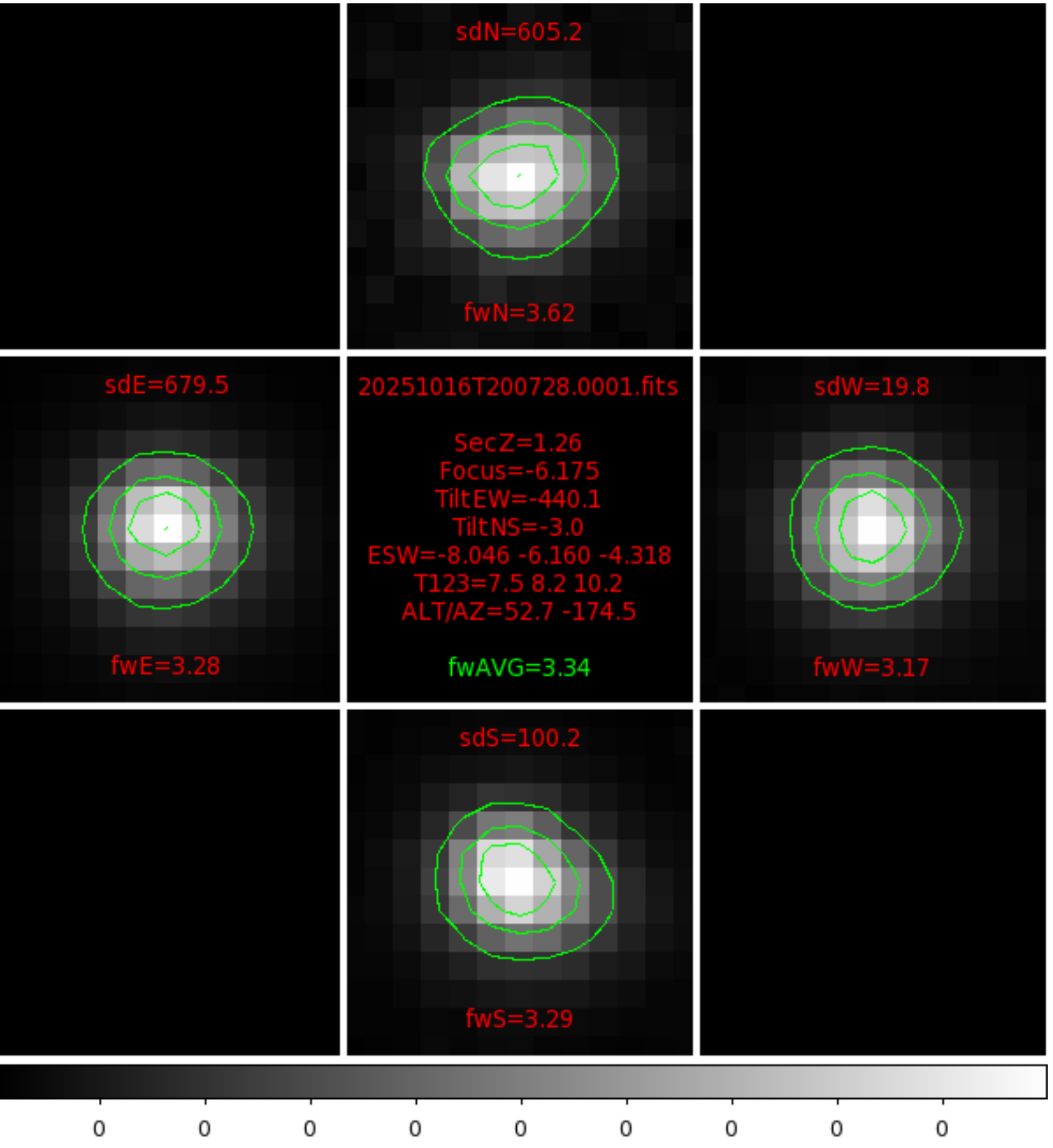
sdN=605.2
fwN=3.62
sdE=679.5
fwE=3.28
20251016T200728.0001.fits
SecZ=1.26
Focus=-6.175
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.046 -6.160 -4.318
T123=7.5 8.2 10.2
ALT/AZ=52.7 -174.5
fwAVG=3.34
sdW=19.8
fwW=3.17
sdS=100.2
fwS=3.29
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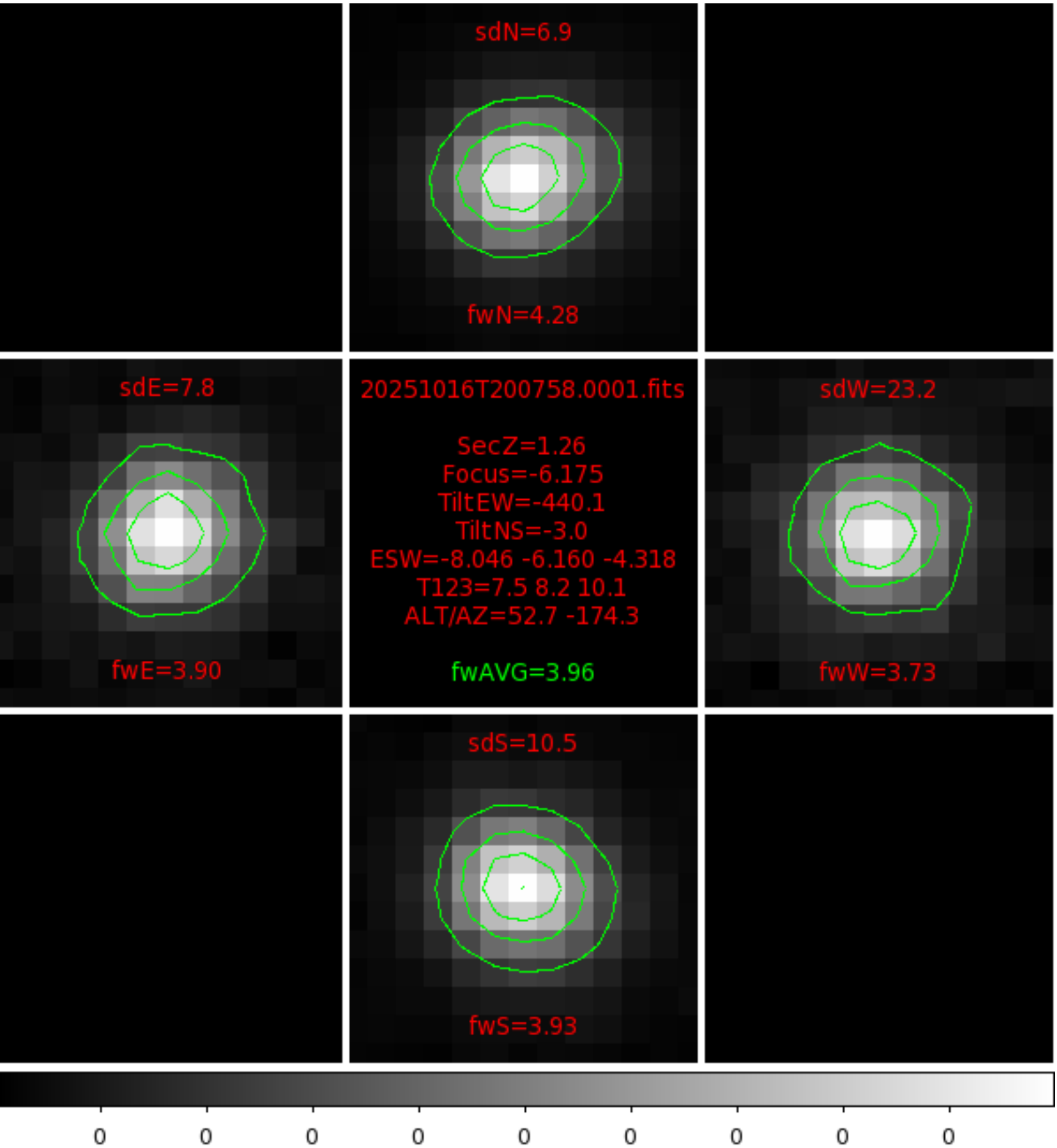
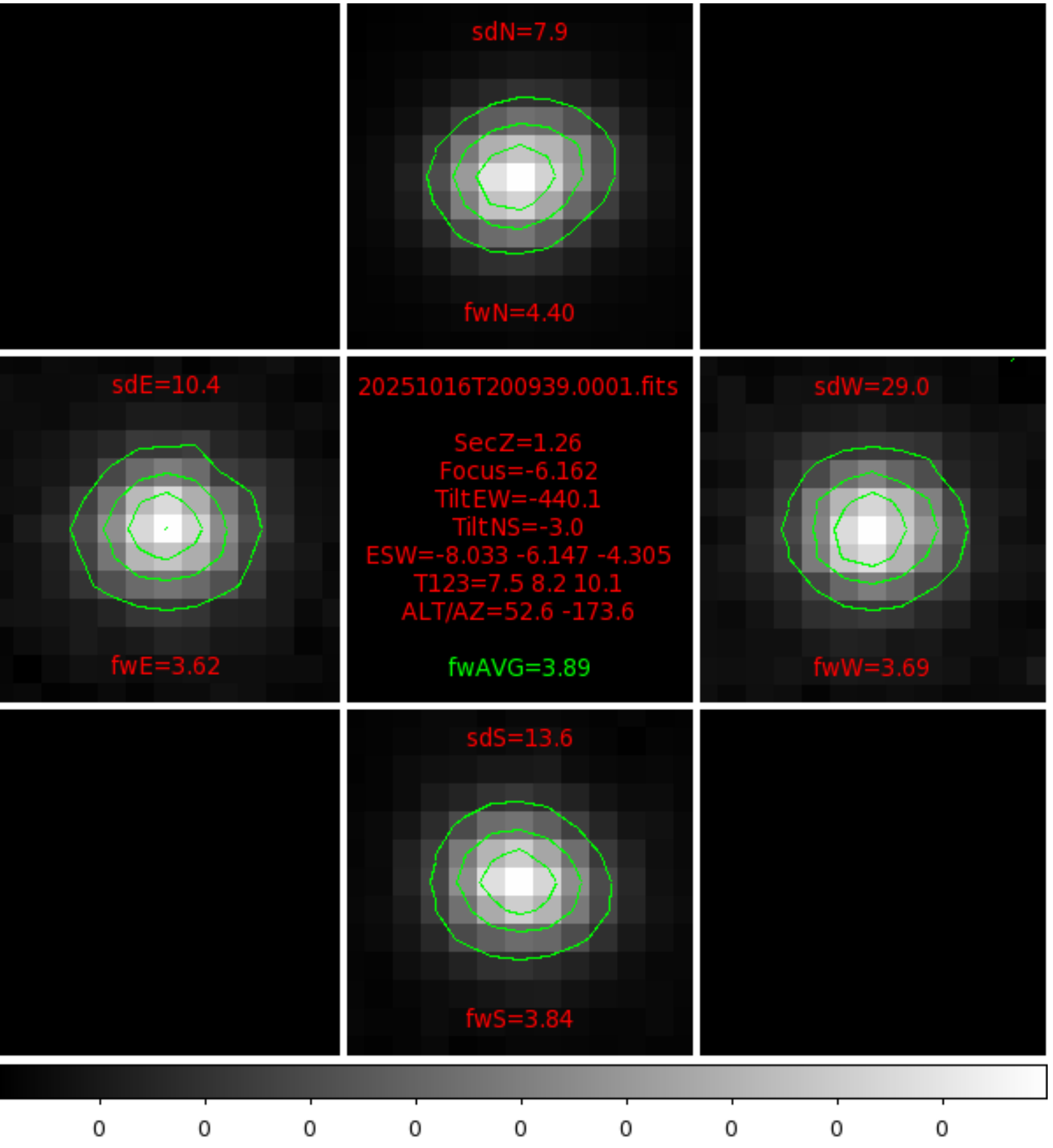

sdN=6.9
fwN=4.28
sdE=7.8
fwE=3.90
20251016T200758.0001.fits
SecZ=1.26
Focus=-6.175
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.046 -6.160 -4.318
T123=7.5 8.2 10.1
ALT/AZ=52.7 -174.3
fwAVG=3.96
sdW=23.2
fwW=3.73
sdS=10.5
fwS=3.93
0 0 0 0 0 0 0 0 0


sdN=7.9
fwN=4.40
sdE=10.4
fwE=3.62
20251016T200939.0001.fits
SecZ=1.26
Focus=-6.162
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.033 -6.147 -4.305
T123=7.5 8.2 10.1
ALT/AZ=52.6 -173.6
fwAVG=3.89
sdW=29.0
fwW=3.69
sdS=13.6
fwS=3.84
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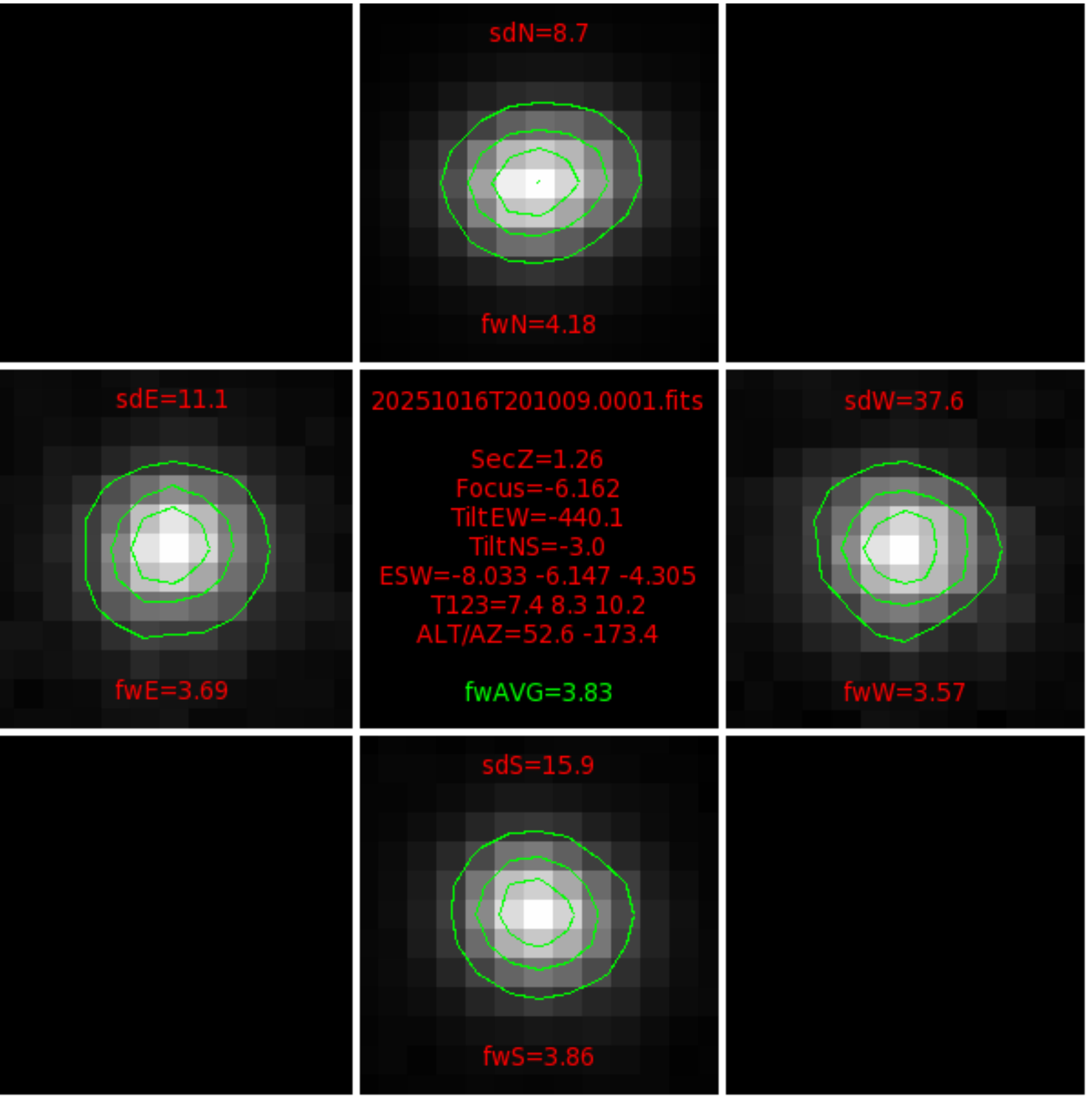
sdN=8.7
fwN=4.18
sdE=11.1
fwE=3.69
20251016T201009.0001.fits
SecZ=1.26
Focus=-6.162
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.033 -6.147 -4.305
T123=7.4 8.3 10.2
ALT/AZ=52.6 -173.4
fwAVG=3.83
sdW=37.6
fwW=3.57
sdS=15.9
fwS=3.86
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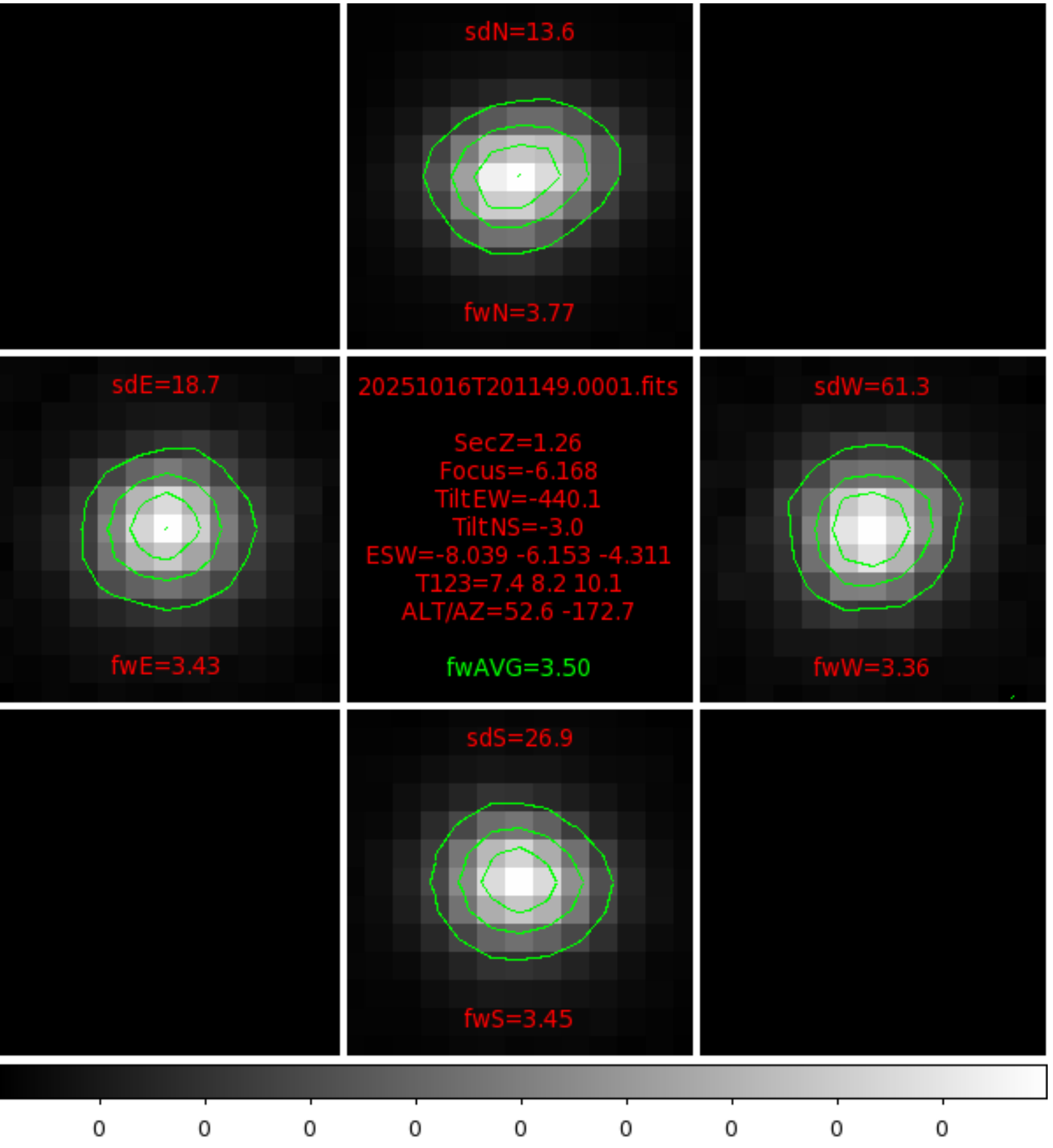
sdN=13.6
fwN=3.77
sdE=18.7
fwE=3.43
20251016T201149.0001.fits
SecZ=1.26
Focus=-6.168
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.039 -6.153 -4.311
T123=7.4 8.2 10.1
ALT/AZ=52.6 -172.7
fwAVG=3.50
sdW=61.3
fwW=3.36
sdS=26.9
fwS=3.45
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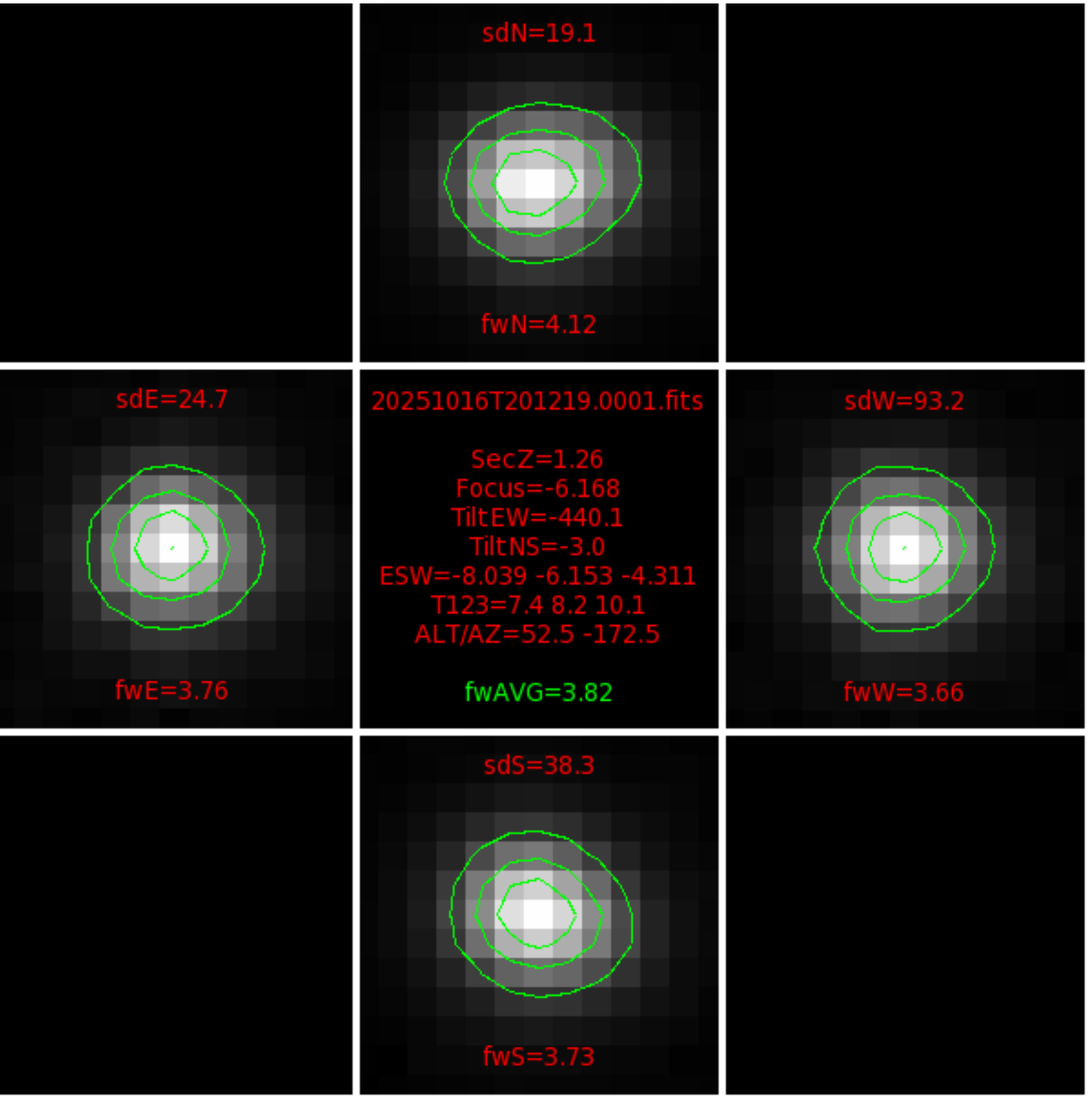
sdN=19.1
fwN=4.12
sdE=24.7
fwE=3.76
20251016T201219.0001.fits
SecZ=1.26
Focus=-6.168
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.039 -6.153 -4.311
T123=7.4 8.2 10.1
ALT/AZ=52.5 -172.5
fwAVG=3.82
sdW=93.2
fwW=3.66
sdS=38.3
fwS=3.73
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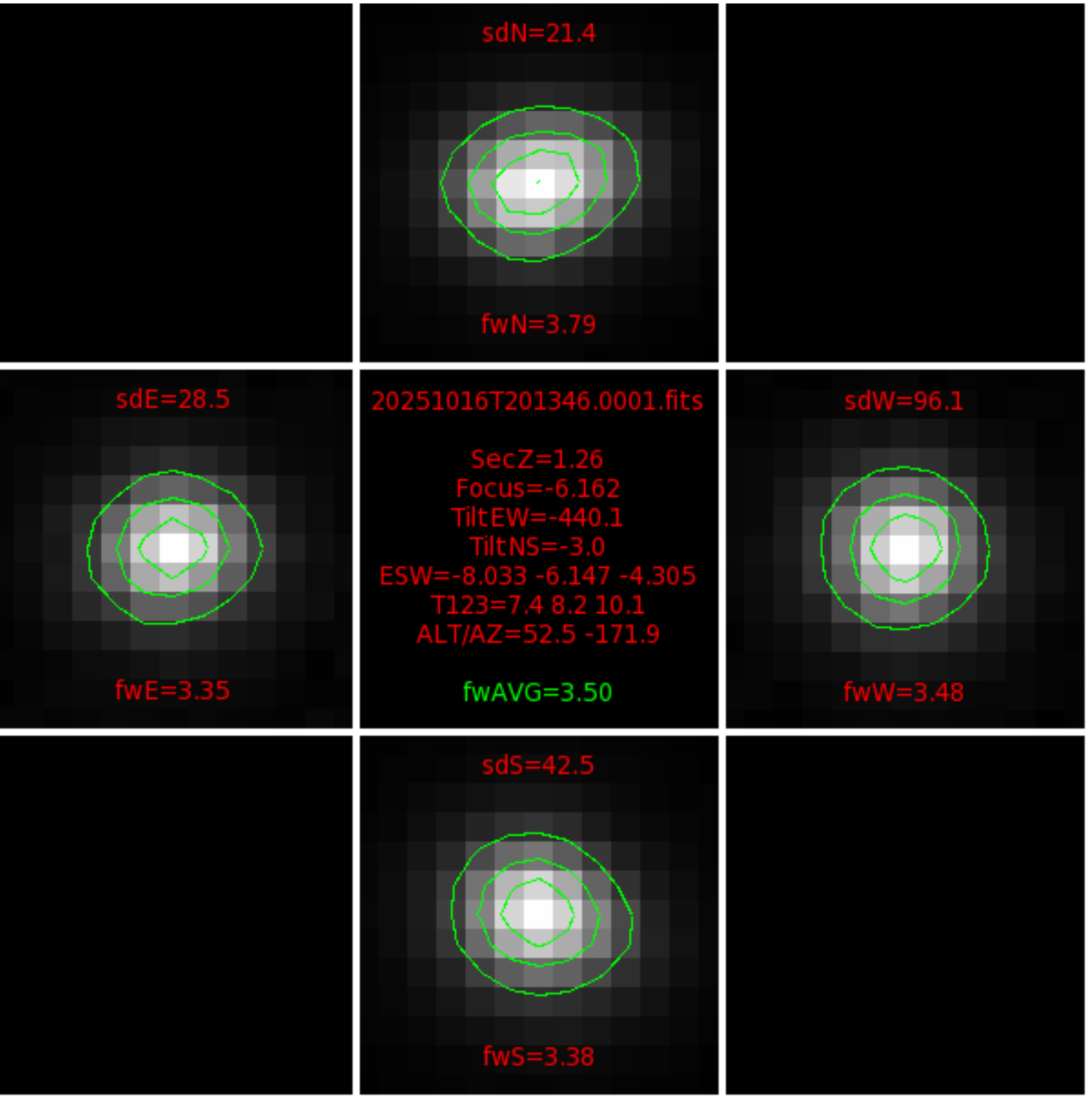
sdN=21.4
fwN=3.79
sdE=28.5
fwE=3.35
20251016T201346.0001.fits
SecZ=1.26
Focus=-6.162
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.033 -6.147 -4.305
T123=7.4 8.2 10.1
ALT/AZ=52.5 -171.9
fwAVG=3.50
sdW=96.1
fwW=3.48
sdS=42.5
fwS=3.38
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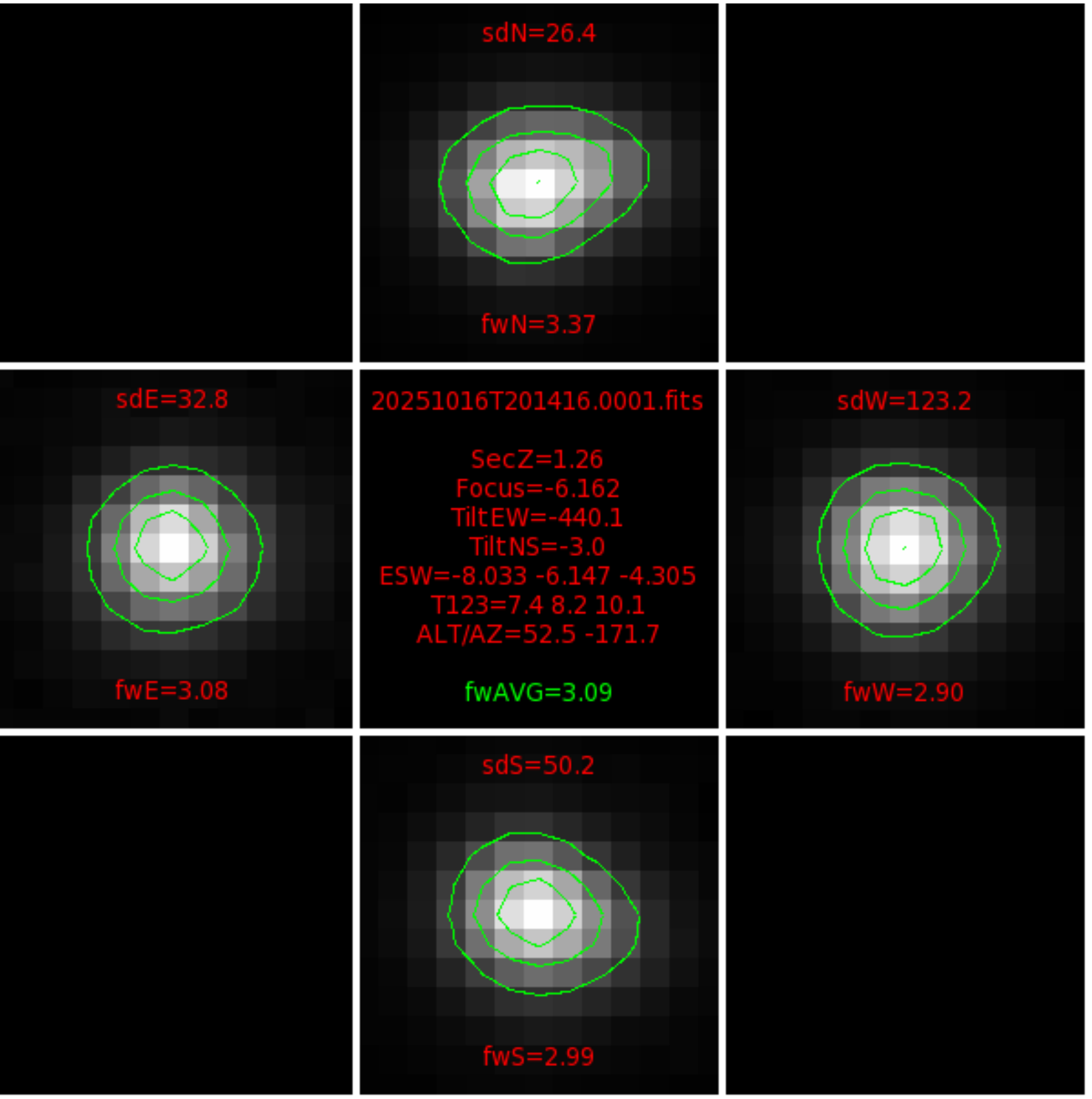
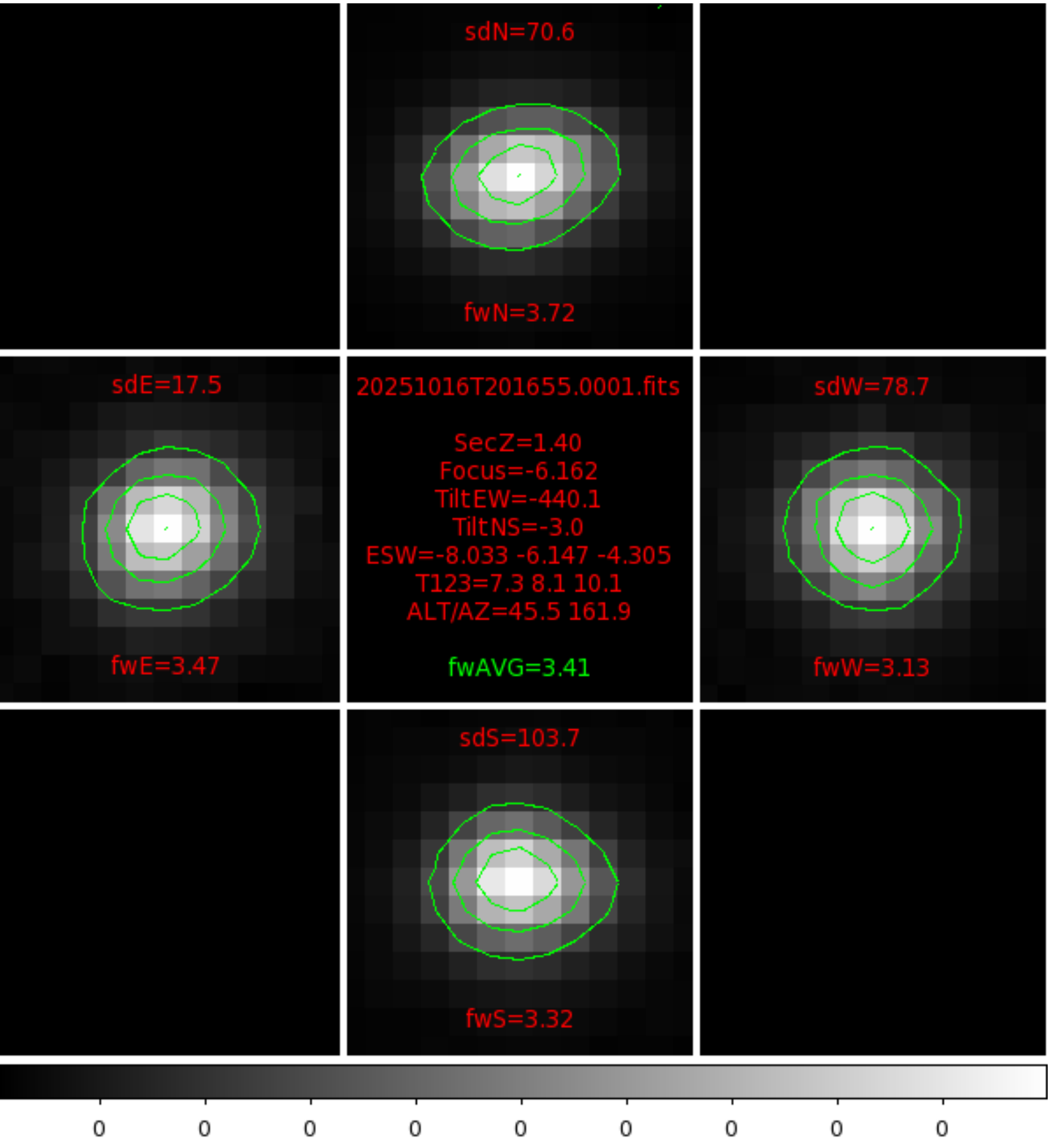

sdN=26.4
fwN=3.37
sdE=32.8
fwE=3.08
20251016T201416.0001.fits
SecZ=1.26
Focus=-6.162
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.033 -6.147 -4.305
T123=7.4 8.2 10.1
ALT/AZ=52.5 -171.7
fwAVG=3.09
sdW=123.2
fwW=2.90
sdS=50.2
fwS=2.99
0 0 0 0 0 0 0 0 0


sdN=70.6
fwN=3.72
sdE=17.5
fwE=3.47
20251016T201655.0001.fits
SecZ=1.40
Focus=-6.162
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.033 -6.147 -4.305
T123=7.3 8.1 10.1
ALT/AZ=45.5 161.9
fwAVG=3.41
sdW=78.7
fwW=3.13
sdS=103.7
fwS=3.32
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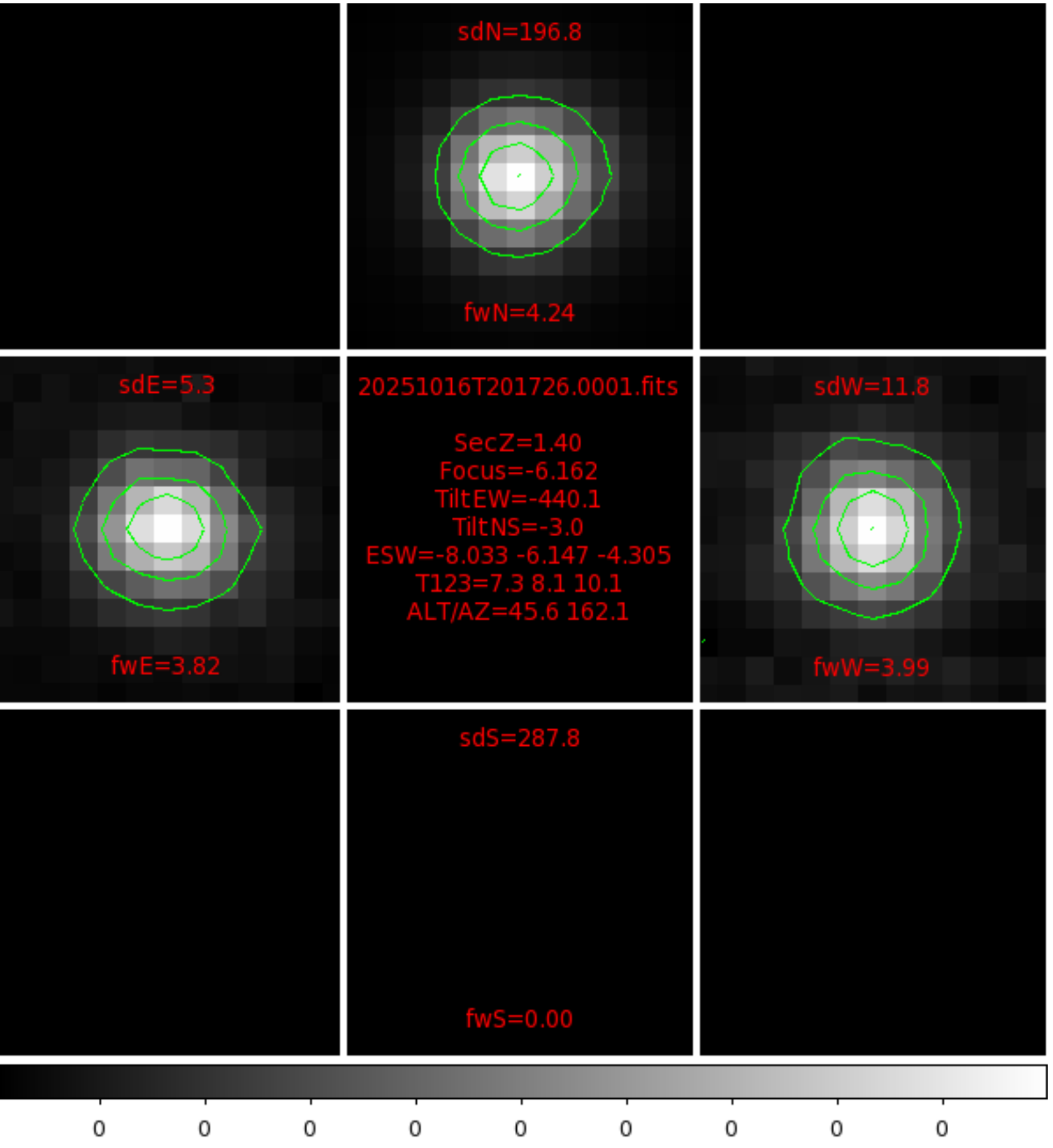
sdN=196.8
fwN=4.24
sdE=5.3
fwE=3.82
20251016T201726.0001.fits
SecZ=1.40
Focus=-6.162
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.033 -6.147 -4.305
T123=7.3 8.1 10.1
ALT/AZ=45.6 162.1
sdW=11.8
fwW=3.99
sdS=287.8
fwS=0.00
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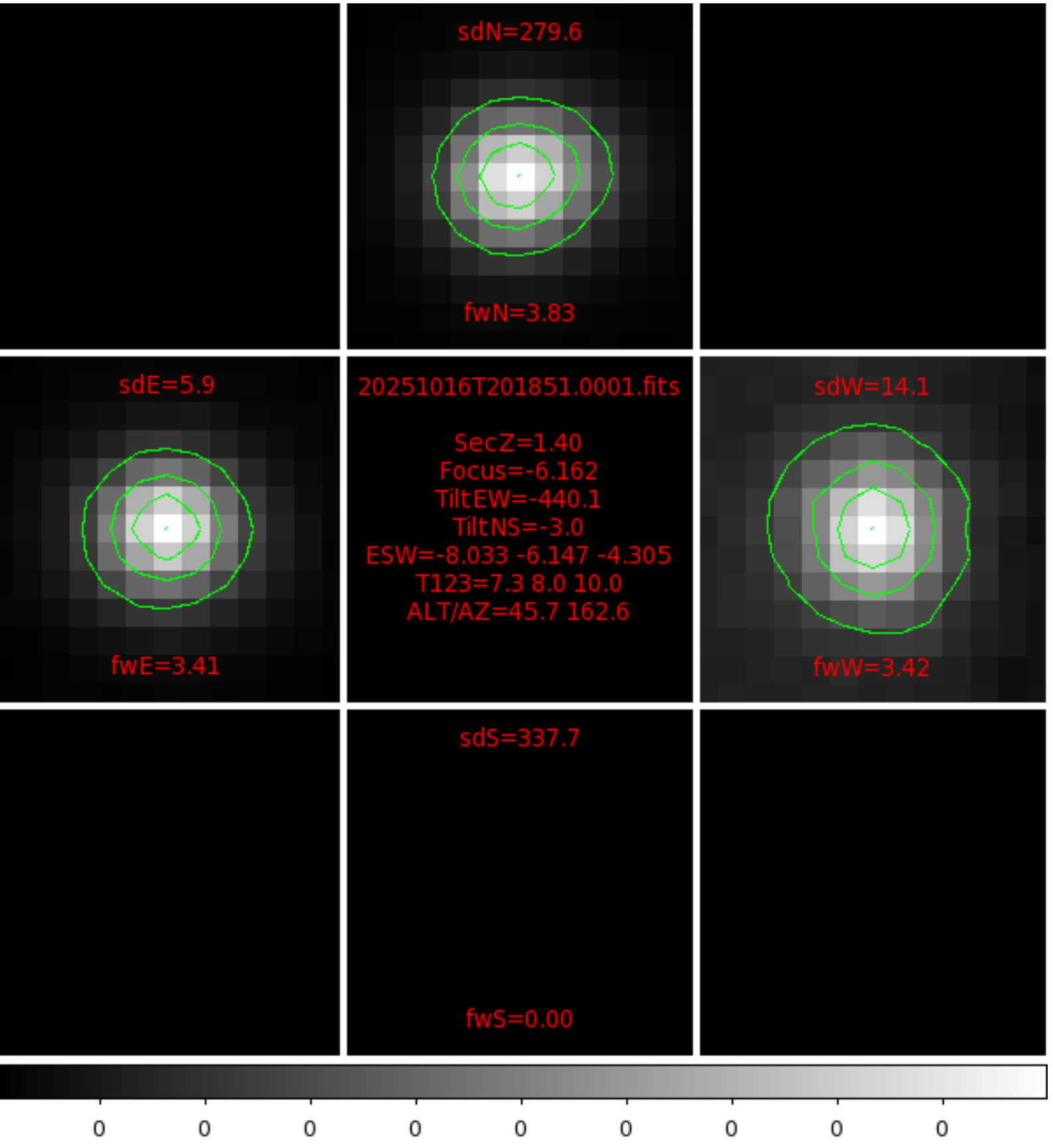
sdN=279.6
fwN=3.83
sdE=5.9
fwE=3.41
20251016T201851.0001.fits
SecZ=1.40
Focus=-6.162
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.033 -6.147 -4.305
T123=7.3 8.0 10.0
ALT/AZ=45.7 162.6
sdW=14.1
fwW=3.42
sdS=337.7
fwS=0.00
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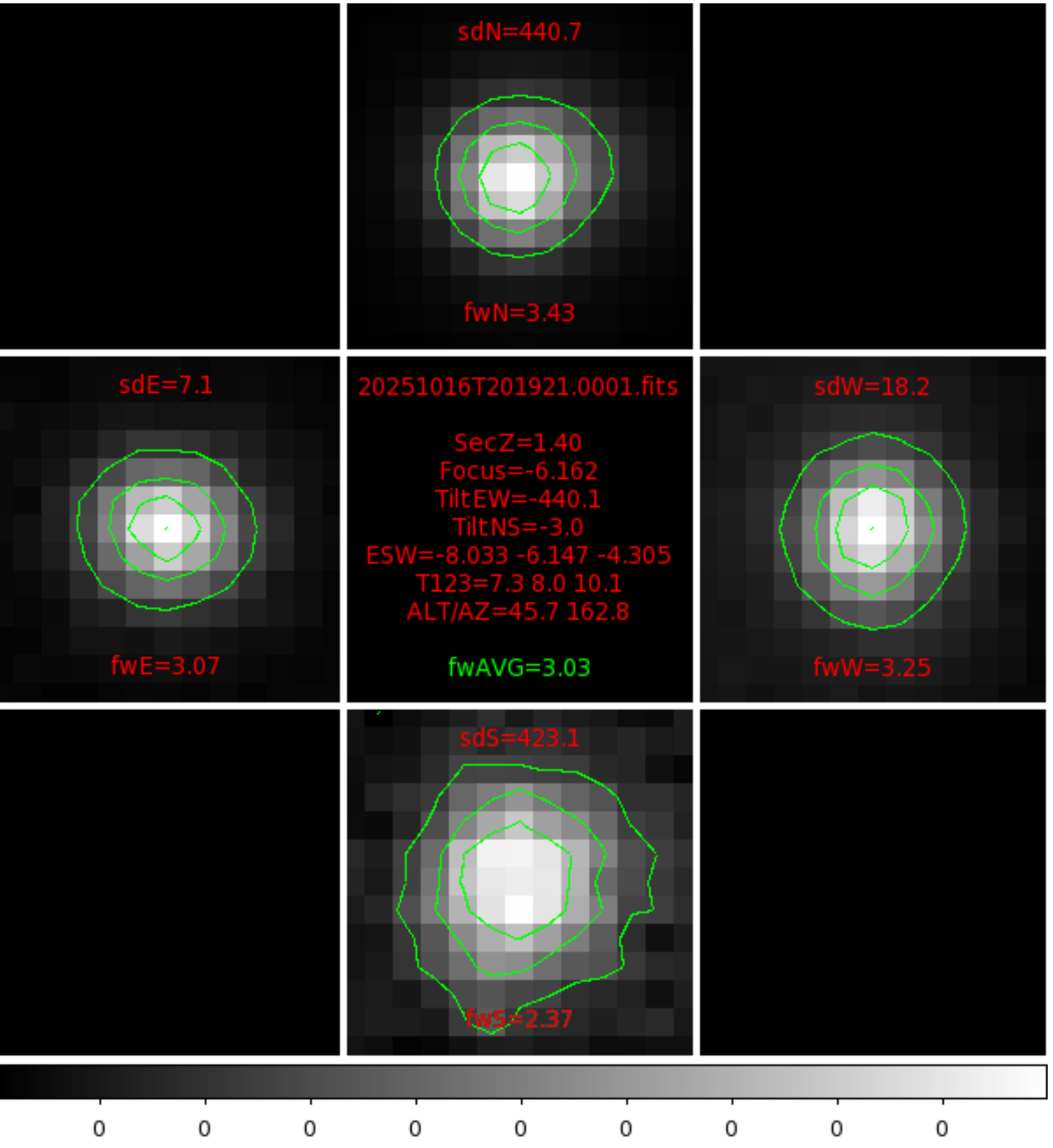
sdN=440.7
fwN=3.43
sdE=7.1
fwE=3.07
20251016T201921.0001.fits
SecZ=1.40
Focus=-6.162
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.033 -6.147 -4.305
T123=7.3 8.0 10.1
ALT/AZ=45.7 162.8
fwAVG=3.03
sdW=18.2
fwW=3.25
sdS=423.1
fwS=2.37
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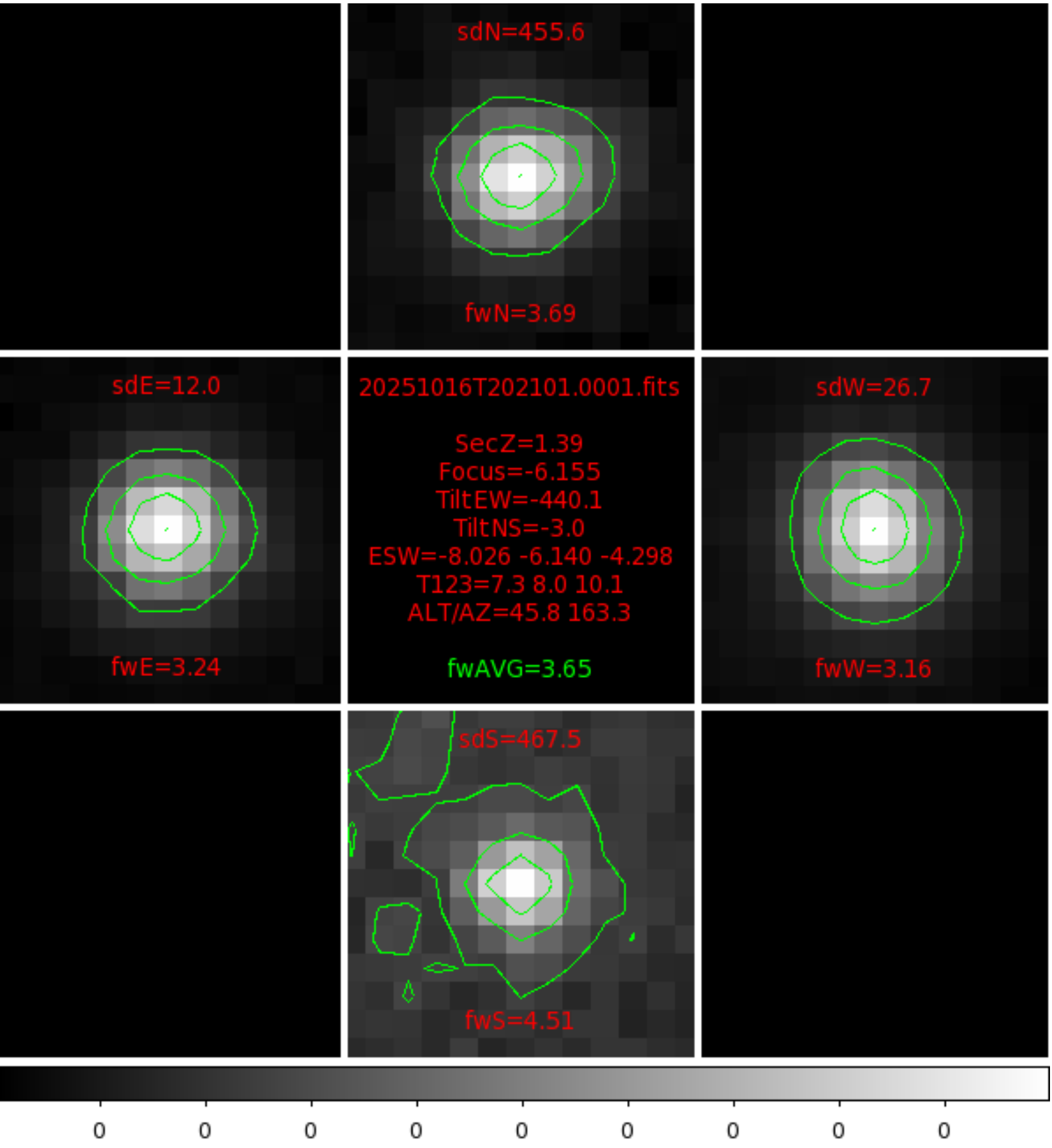
sdN=455.6
fwN=3.69
sdE=12.0
fwE=3.24
20251016T202101.0001.fits
SecZ=1.39
Focus=-6.155
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.026 -6.140 -4.298
T123=7.3 8.0 10.1
ALT/AZ=45.8 163.3
fwAVG=3.65
sdW=26.7
fwW=3.16
sdS=467.5
fwS=4.51
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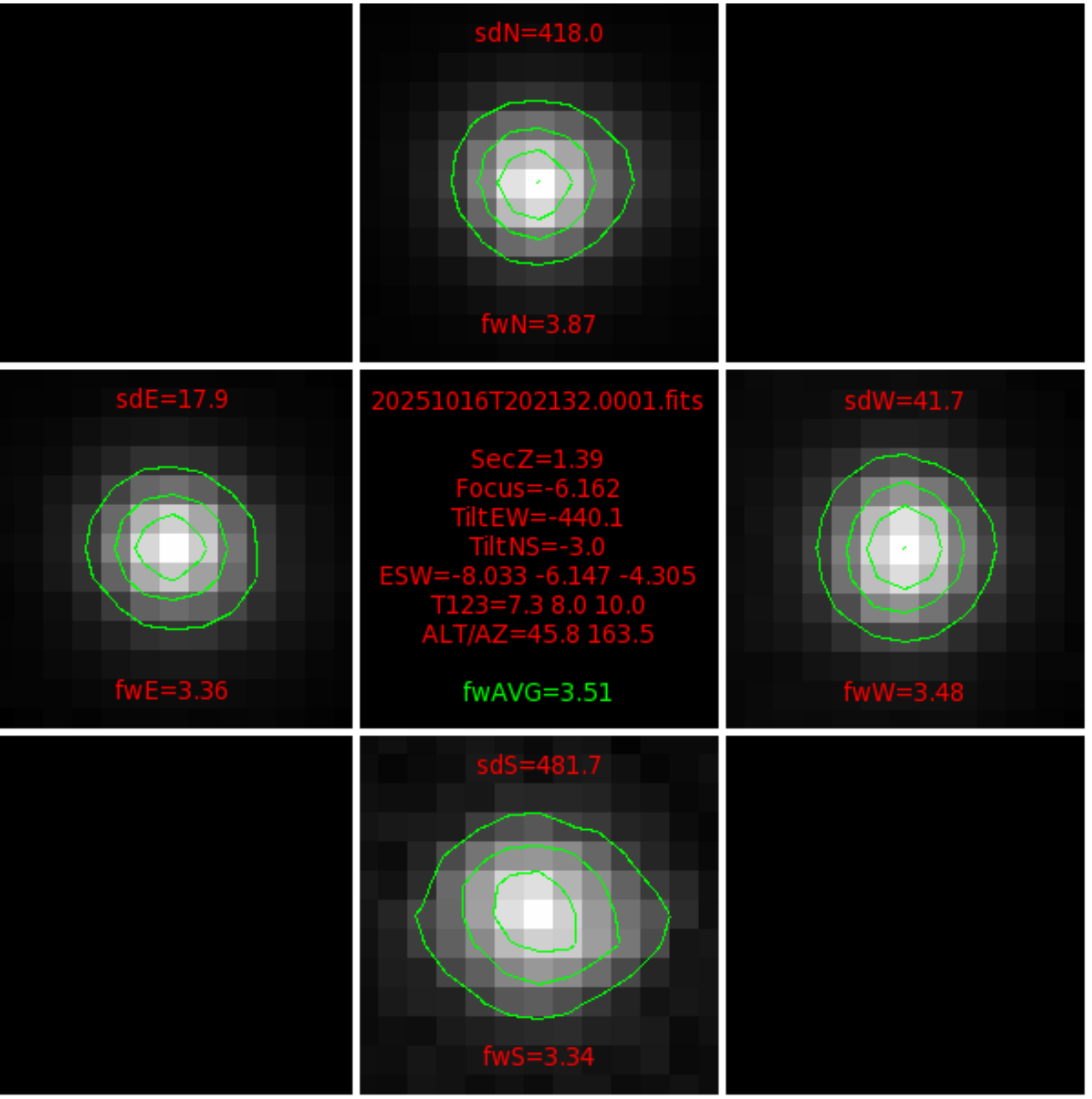
sdN=418.0
fwN=3.87
sdE=17.9
fwE=3.36
20251016T202132.0001.fits
SecZ=1.39
Focus=-6.162
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.033 -6.147 -4.305
T123=7.3 8.0 10.0
ALT/AZ=45.8 163.5
fwAVG=3.51
sdW=41.7
fwW=3.48
sdS=481.7
fwS=3.34
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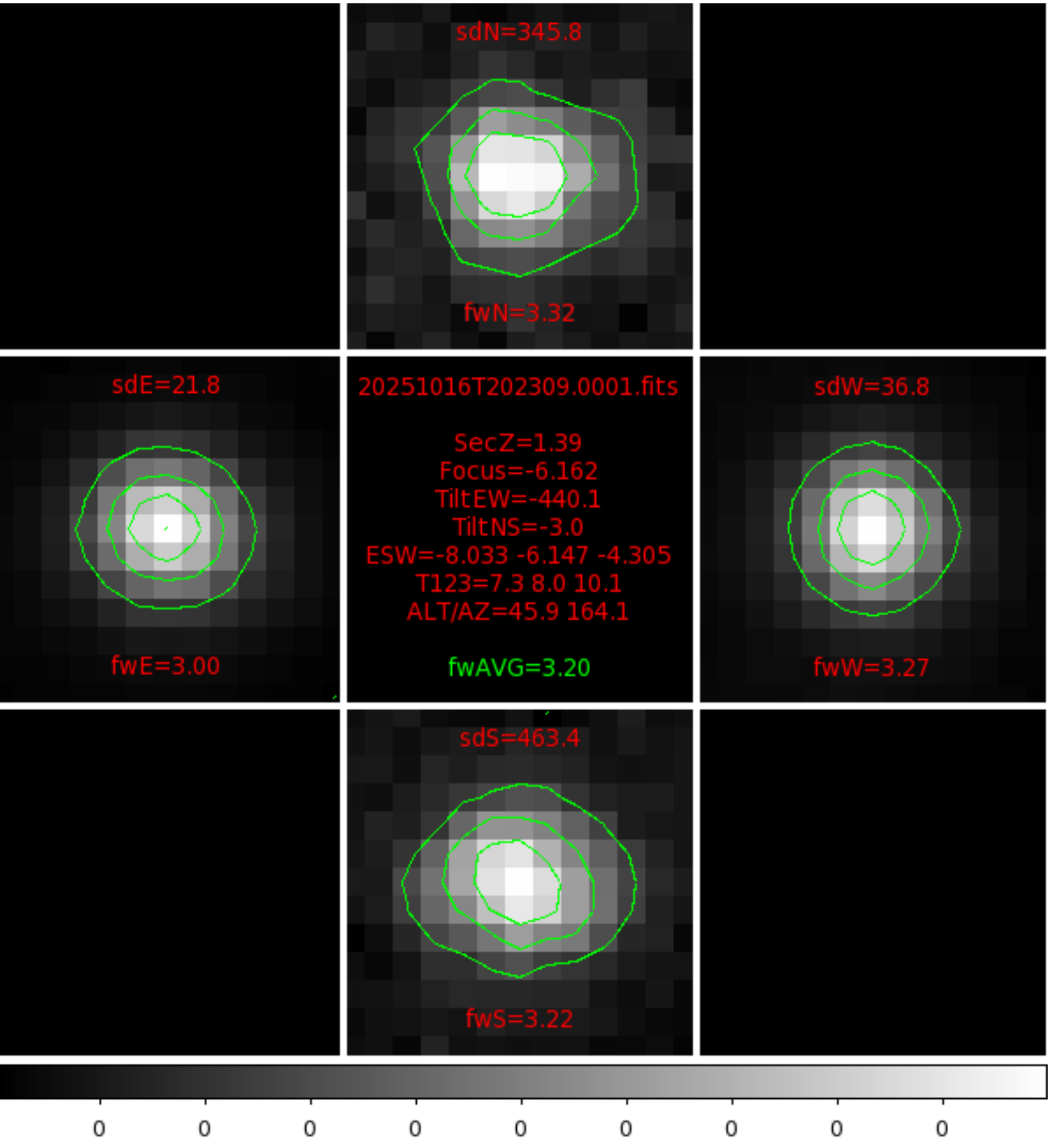
sdN=345.8
fwN=3.32
sdE=21.8
fwE=3.00
20251016T202309.0001.fits
SecZ=1.39
Focus=-6.162
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.033 -6.147 -4.305
T123=7.3 8.0 10.1
ALT/AZ=45.9 164.1
fwAVG=3.20
sdW=36.8
fwW=3.27
sdS=463.4
fwS=3.22
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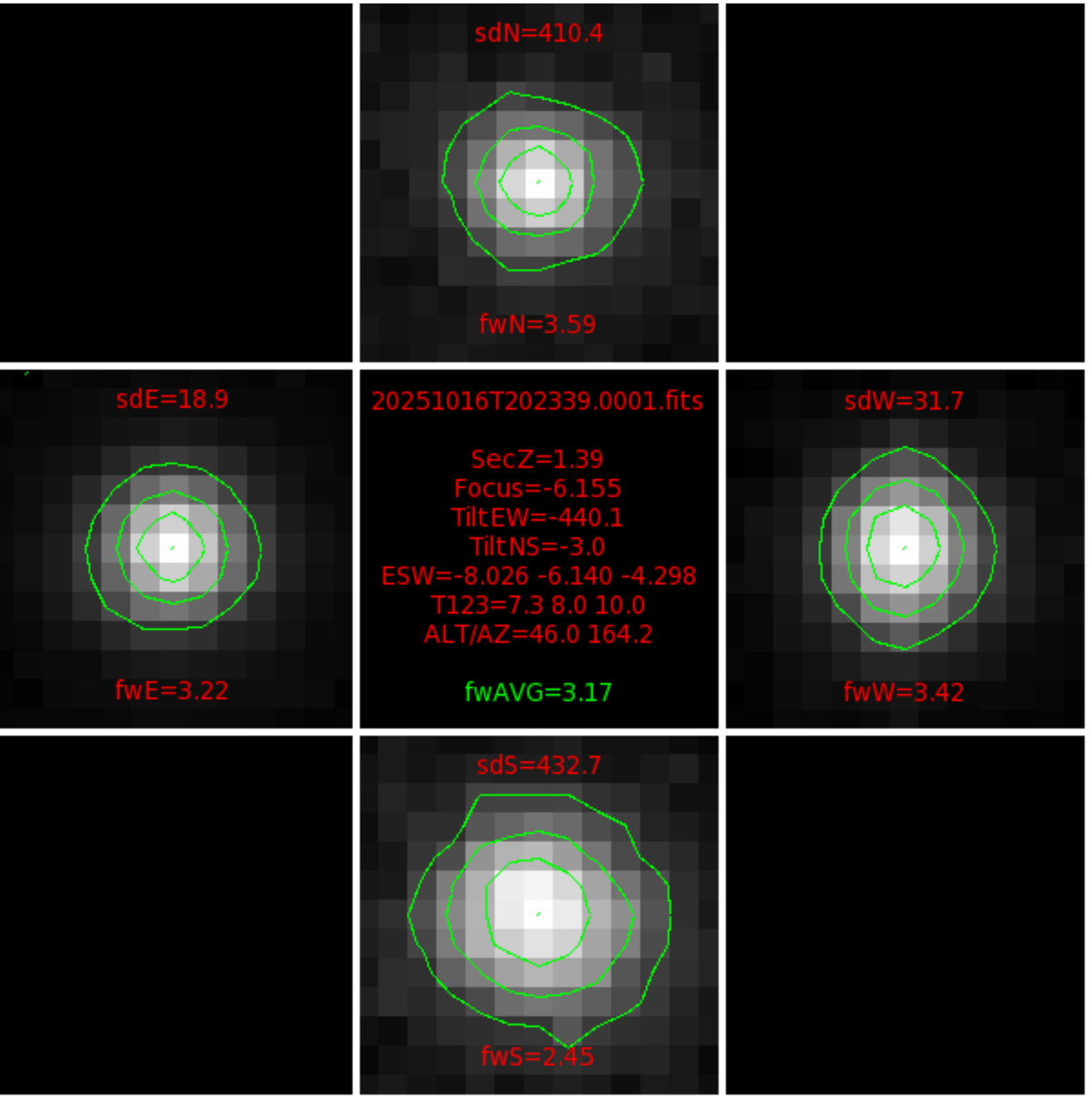
sdN=410.4
fwN=3.59
sdE=18.9
fwE=3.22
20251016T202339.0001.fits
SecZ=1.39
Focus=-6.155
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.026 -6.140 -4.298
T123=7.3 8.0 10.0
ALT/AZ=46.0 164.2
fwAVG=3.17
sdW=31.7
fwW=3.42
sdS=432.7
fwS=2.45
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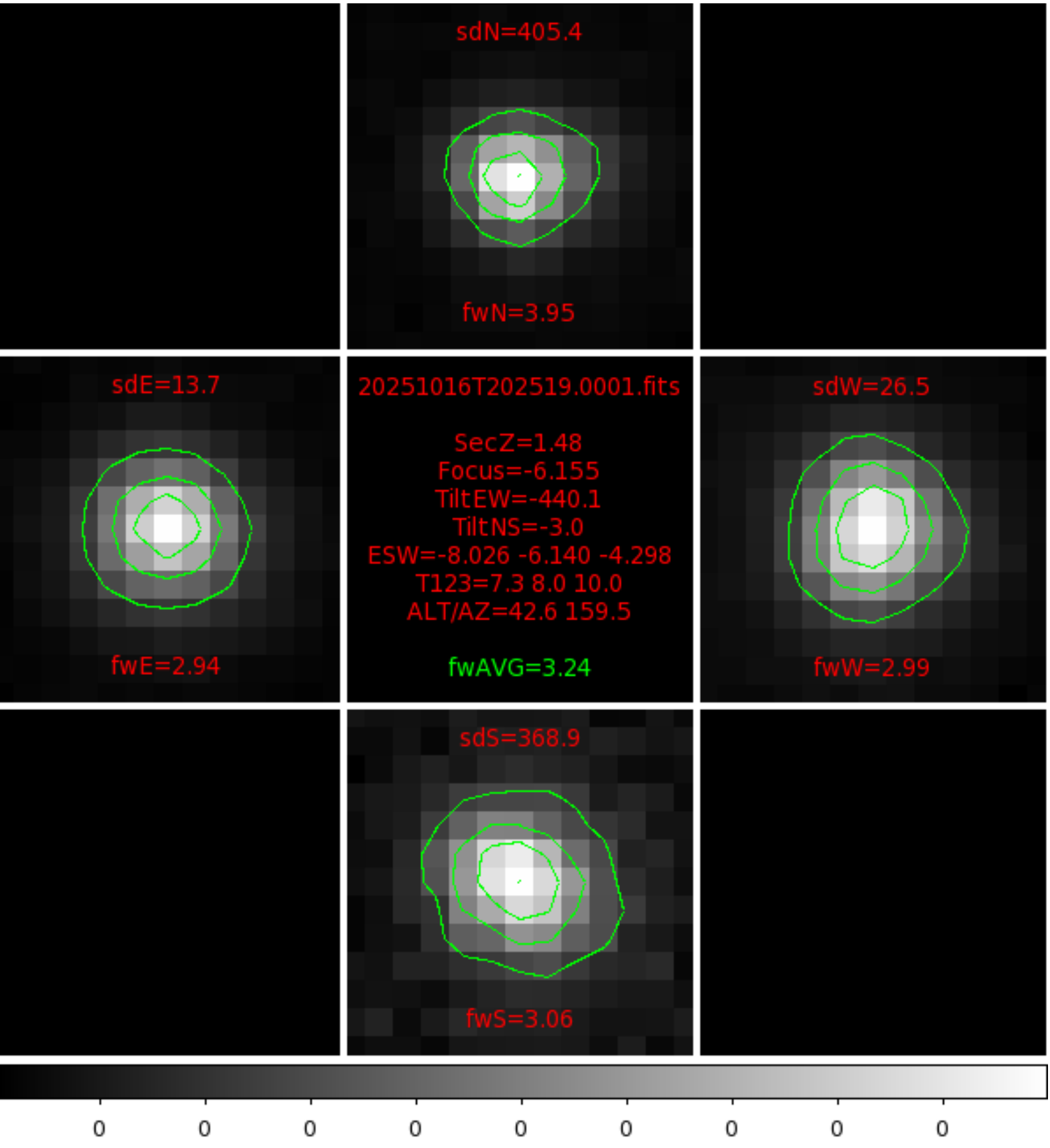
sdN=405.4
fwN=3.95
sdE=13.7
fwE=2.94
20251016T202519.0001.fits
SecZ=1.48
Focus=-6.155
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.026 -6.140 -4.298
T123=7.3 8.0 10.0
ALT/AZ=42.6 159.5
fwAVG=3.24
sdW=26.5
fwW=2.99
sdS=368.9
fwS=3.06
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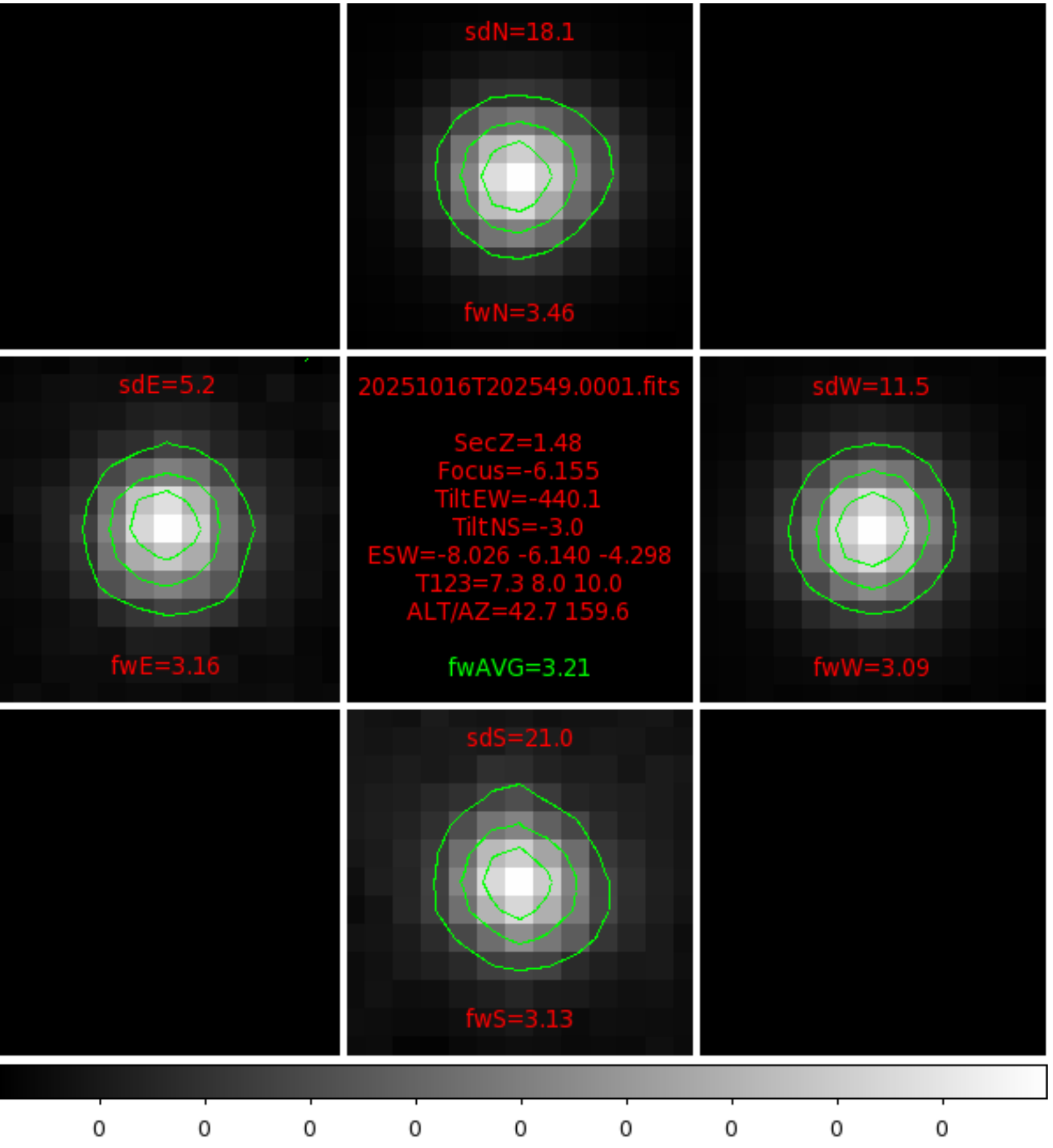
sdN=18.1
fwN=3.46
sdE=5.2
fwE=3.16
20251016T202549.0001.fits
SecZ=1.48
Focus=-6.155
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.026 -6.140 -4.298
T123=7.3 8.0 10.0
ALT/AZ=42.7 159.6
fwAVG=3.21
sdW=11.5
fwW=3.09
sdS=21.0
fwS=3.13
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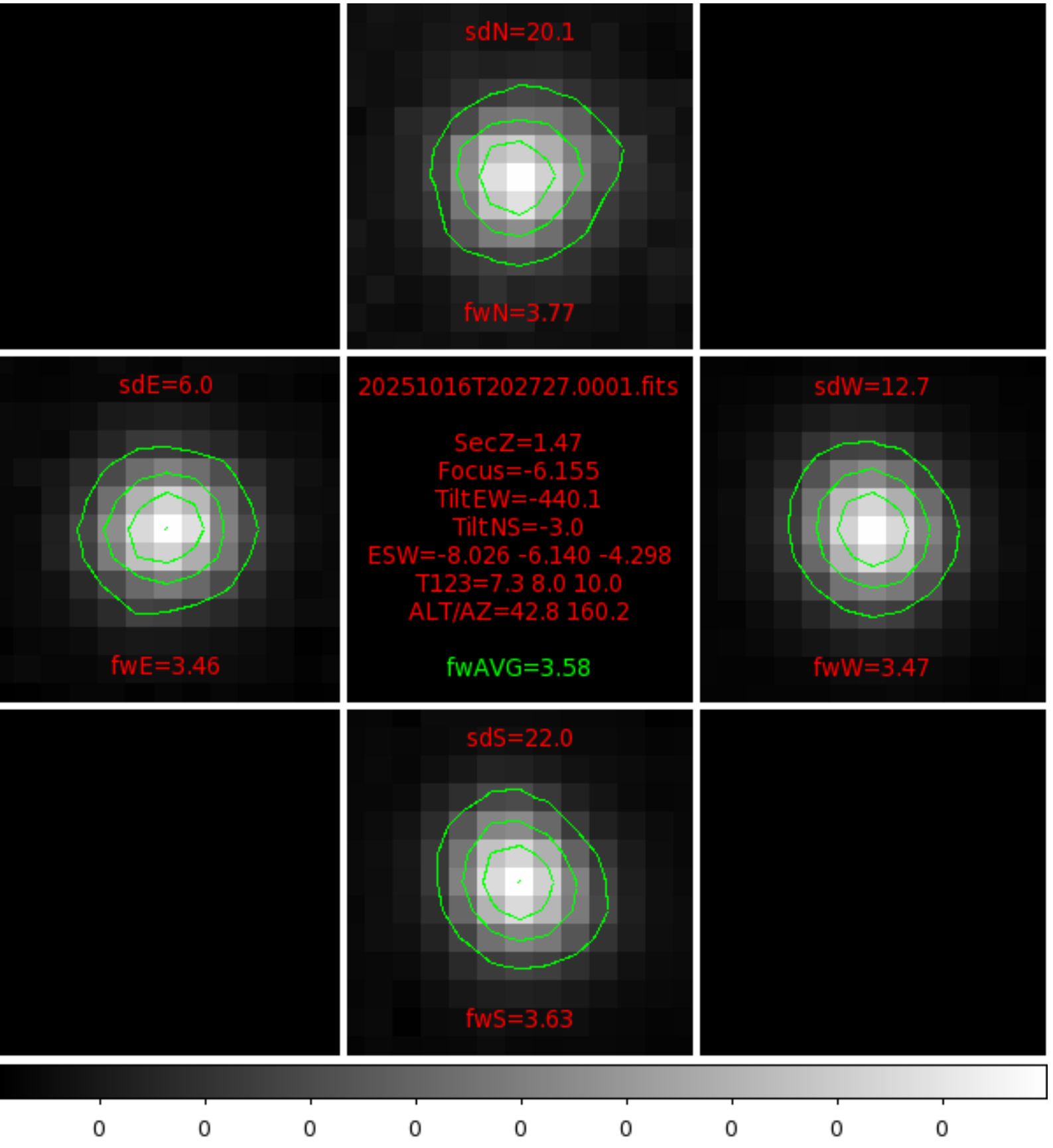
sdN=20.1
fwN=3.77
sdE=6.0
fwE=3.46
20251016T202727.0001.fits
SecZ=1.47
Focus=-6.155
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.026 -6.140 -4.298
T123=7.3 8.0 10.0
ALT/AZ=42.8 160.2
fwAVG=3.58
sdW=12.7
fwW=3.47
sdS=22.0
fwS=3.63
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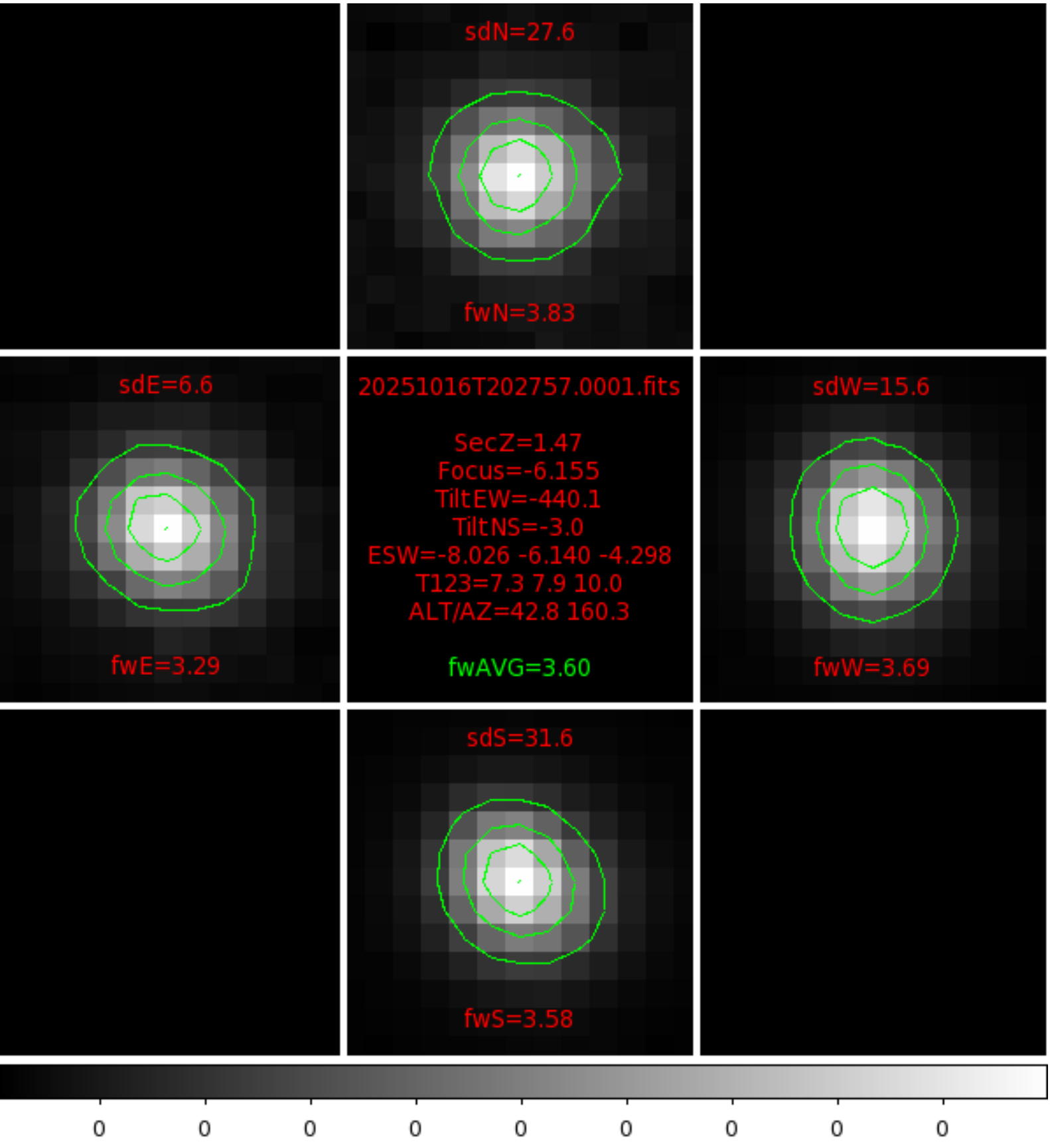
sdN=27.6
fwN=3.83
sdE=6.6
fwE=3.29
20251016T202757.0001.fits
SecZ=1.47
Focus=-6.155
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.026 -6.140 -4.298
T123=7.3 7.9 10.0
ALT/AZ=42.8 160.3
fwAVG=3.60
sdW=15.6
fwW=3.69
sdS=31.6
fwS=3.58
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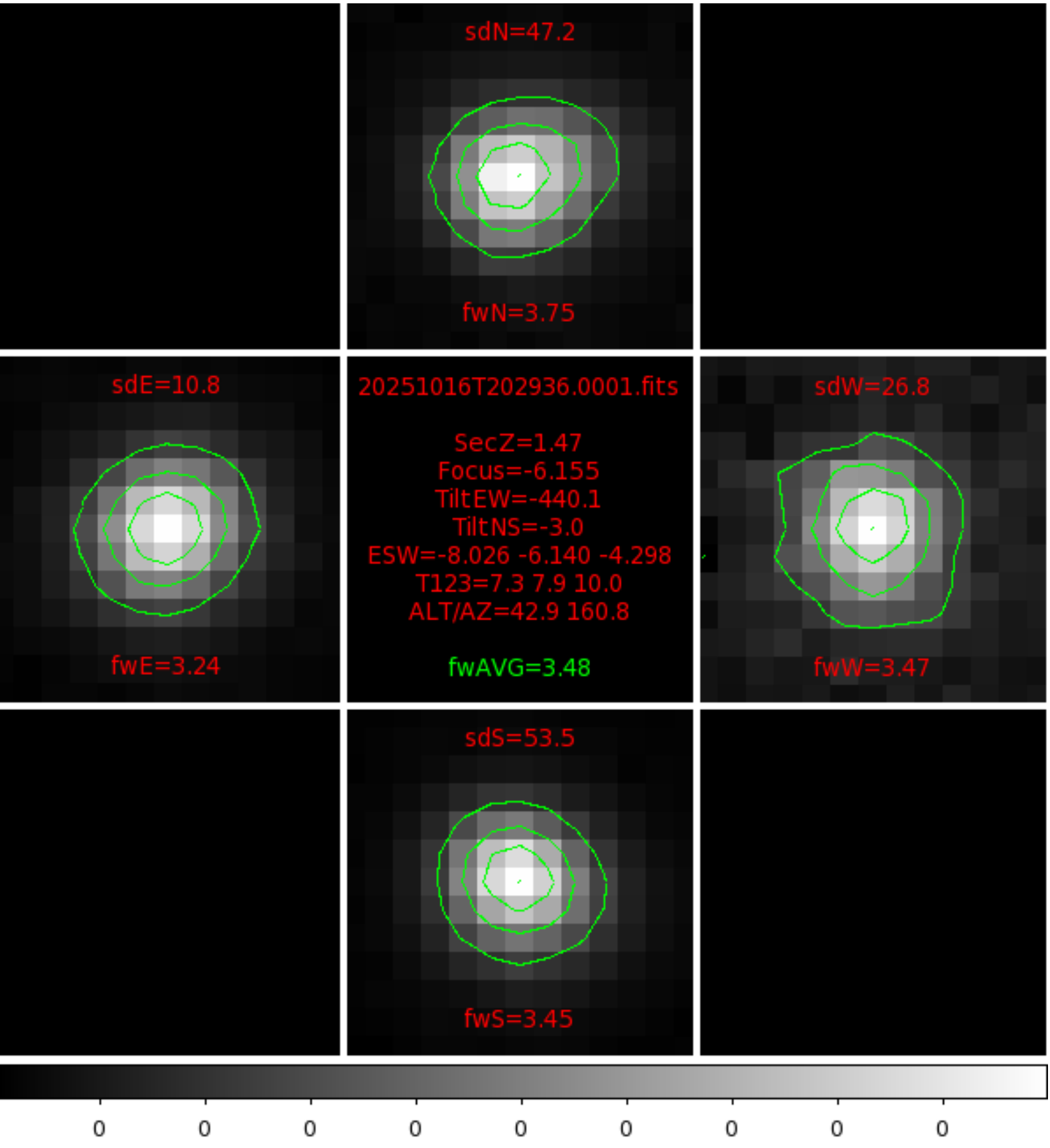
sdN=47.2
fwN=3.75
sdE=10.8
fwE=3.24
20251016T202936.0001.fits
SecZ=1.47
Focus=-6.155
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.026 -6.140 -4.298
T123=7.3 7.9 10.0
ALT/AZ=42.9 160.8
fwAVG=3.48
sdW=26.8
fwW=3.47
sdS=53.5
fwS=3.45
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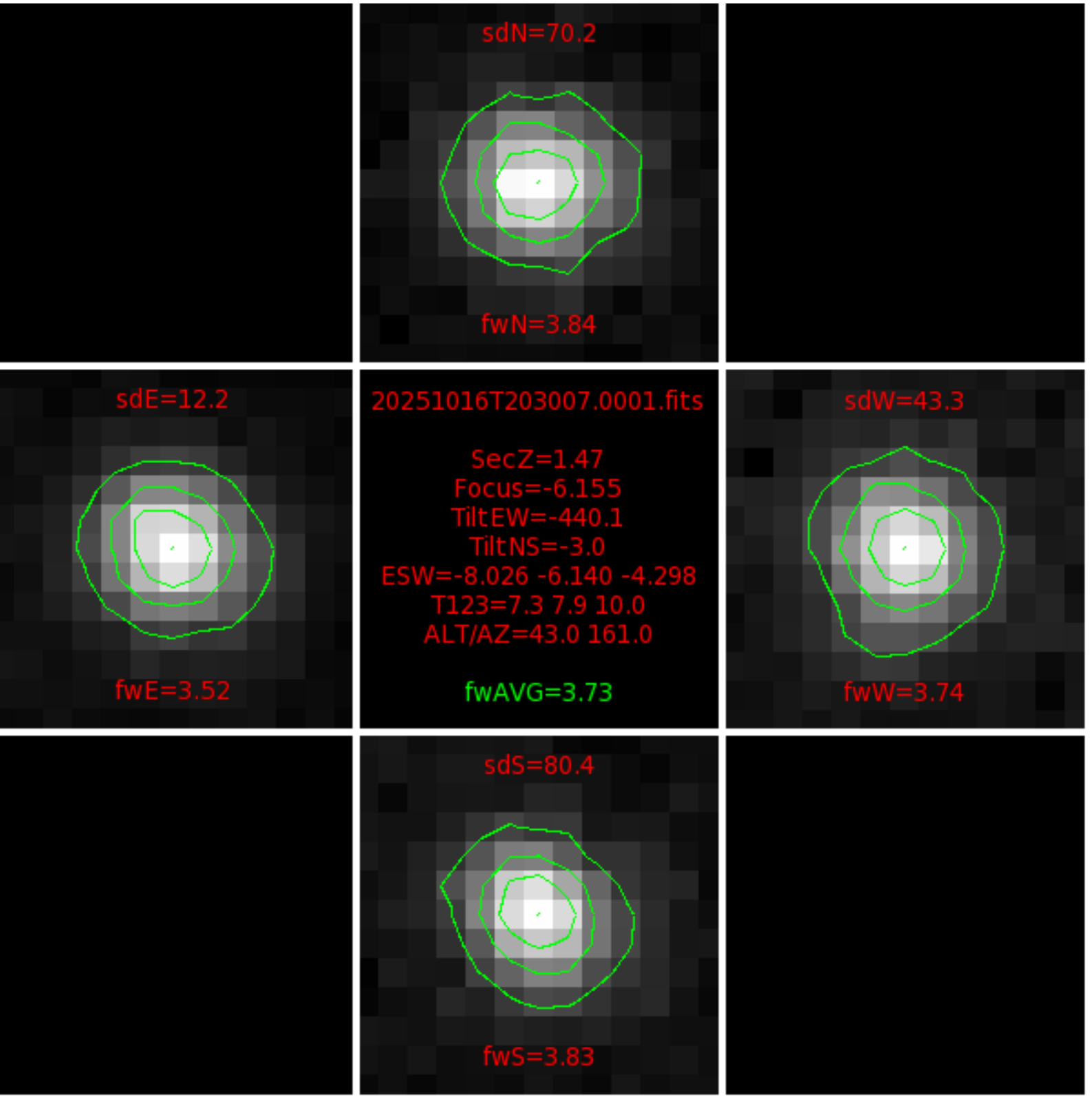
sdN=70.2
fwN=3.84
sdE=12.2
fwE=3.52
20251016T203007.0001.fits
SecZ=1.47
Focus=-6.155
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.026 -6.140 -4.298
T123=7.3 7.9 10.0
ALT/AZ=43.0 161.0
fwAVG=3.73
sdW=43.3
fwW=3.74
sdS=80.4
fwS=3.83
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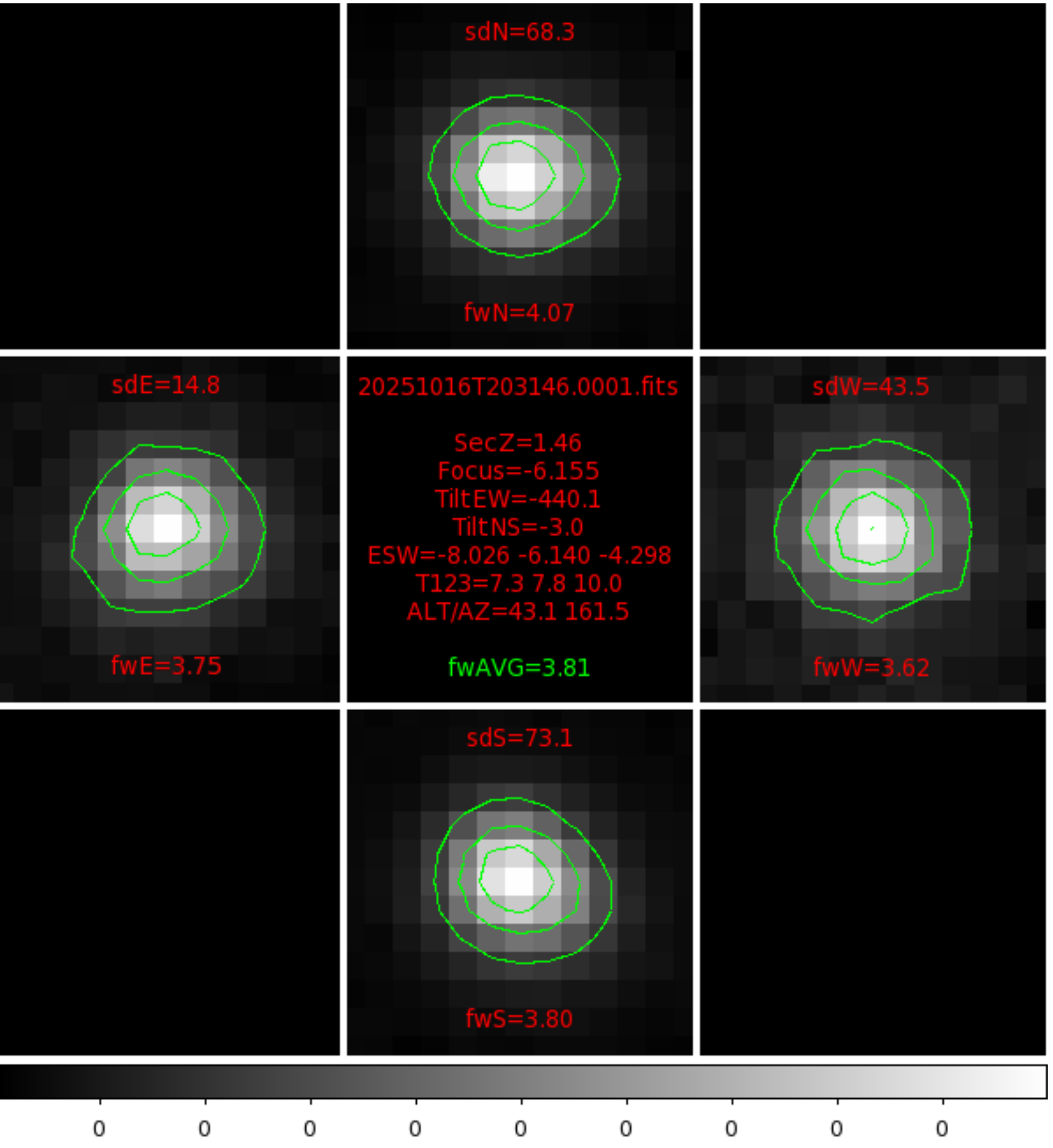
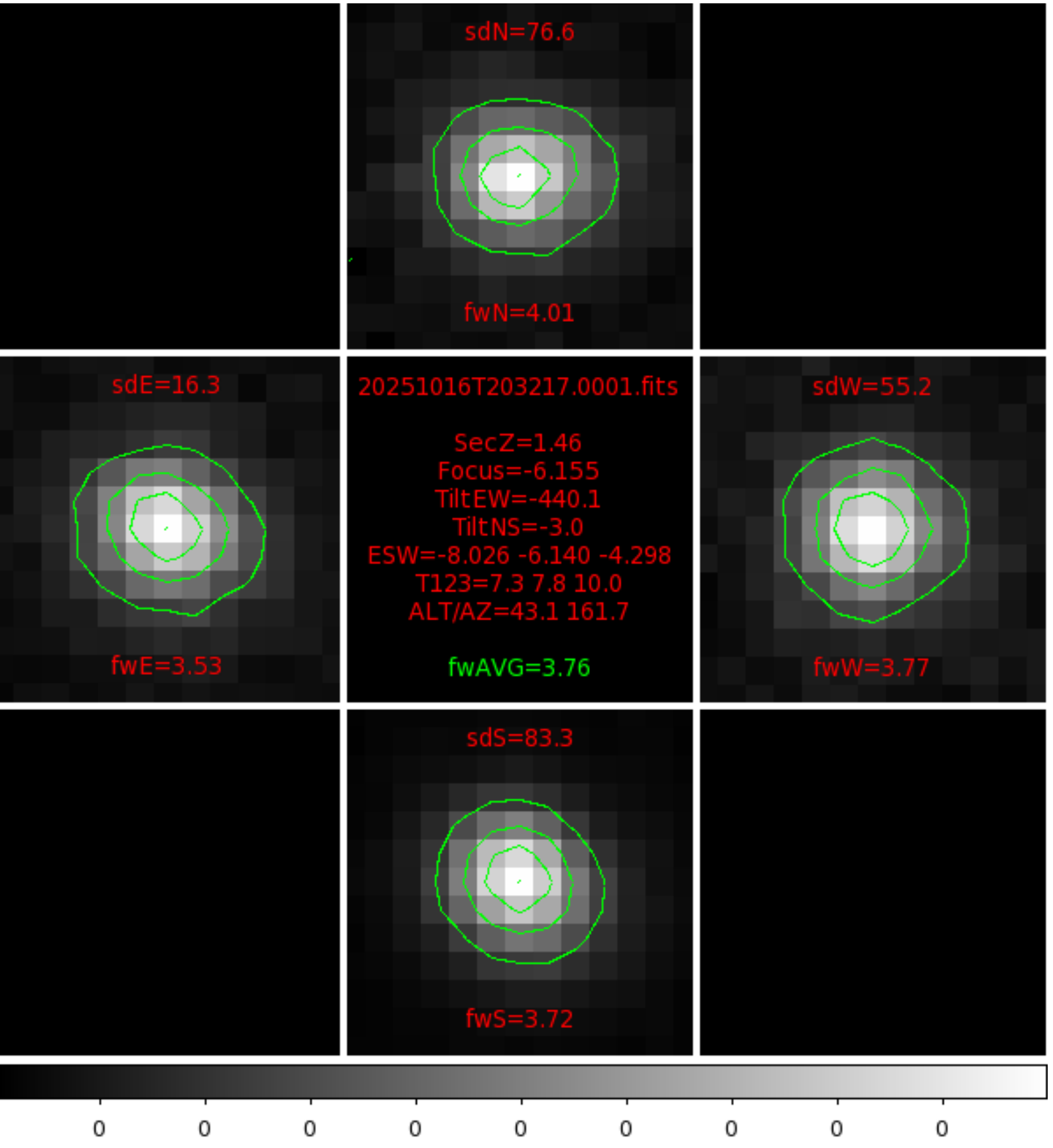
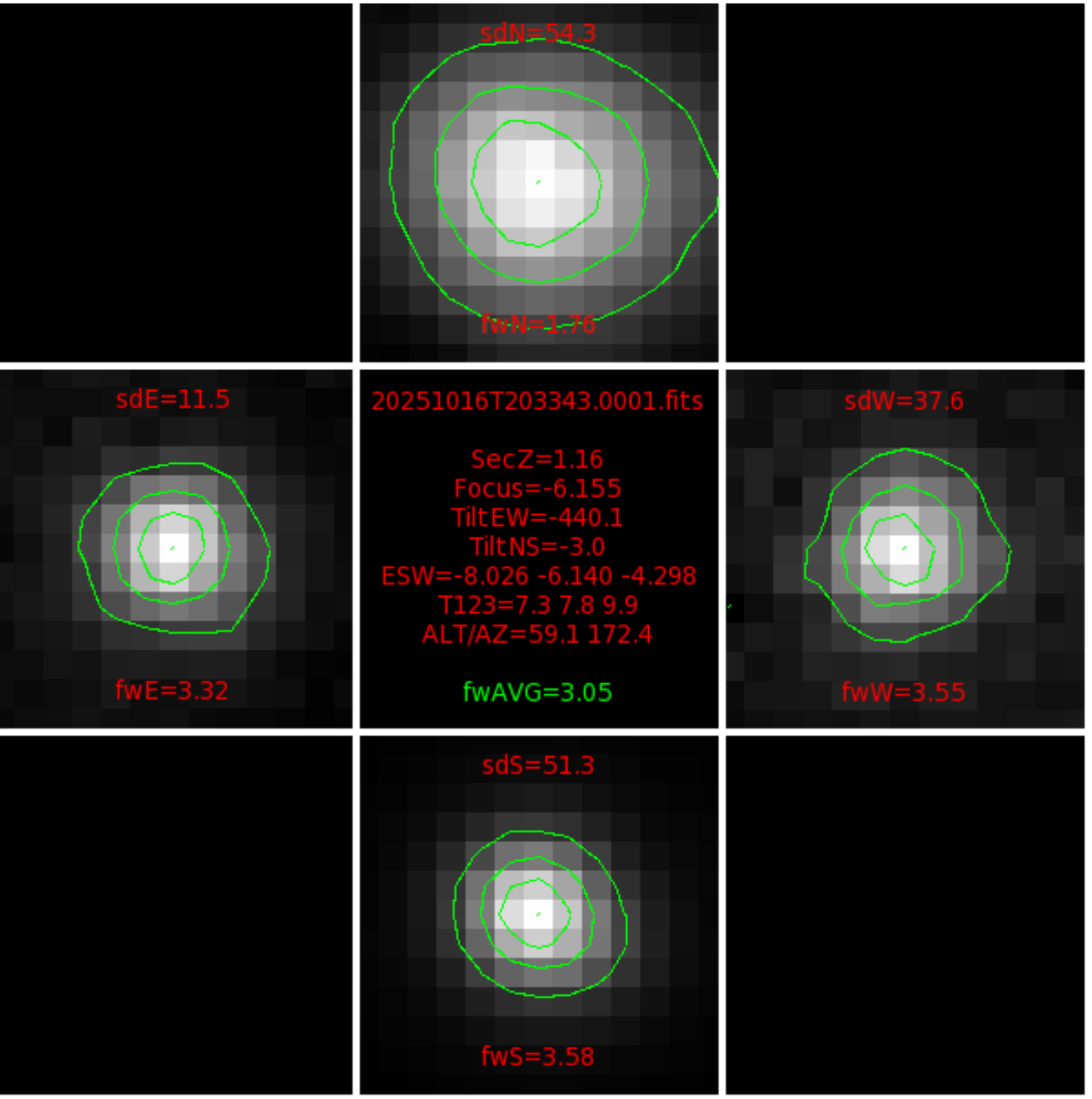

sdN=68.3
fwN=4.07
sdE=14.8
fwE=3.75
20251016T203146.0001.fits
SecZ=1.46
Focus=-6.155
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.026 -6.140 -4.298
T123=7.3 7.8 10.0
ALT/AZ=43.1 161.5
fwAVG=3.81
sdW=43.5
fwW=3.62
sdS=73.1
fwS=3.80
0 0 0 0 0 0 0 0 0


sdN=76.6
fwN=4.01
sdE=16.3
fwE=3.53
20251016T203217.0001.fits
SecZ=1.46
Focus=-6.155
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.026 -6.140 -4.298
T123=7.3 7.8 10.0
ALT/AZ=43.1 161.7
fwAVG=3.76
sdW=55.2
fwW=3.77
sdS=83.3
fwS=3.72
0 0 0 0 0 0 0 0 0


sdN=54.3
fwN=1.76
sdE=11.5
fwE=3.32
20251016T203343.0001.fits
SecZ=1.16
Focus=-6.155
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.026 -6.140 -4.298
T123=7.3 7.8 9.9
ALT/AZ=59.1 172.4
fwAVG=3.05
sdW=37.6
fwW=3.55
sdS=51.3
fwS=3.58
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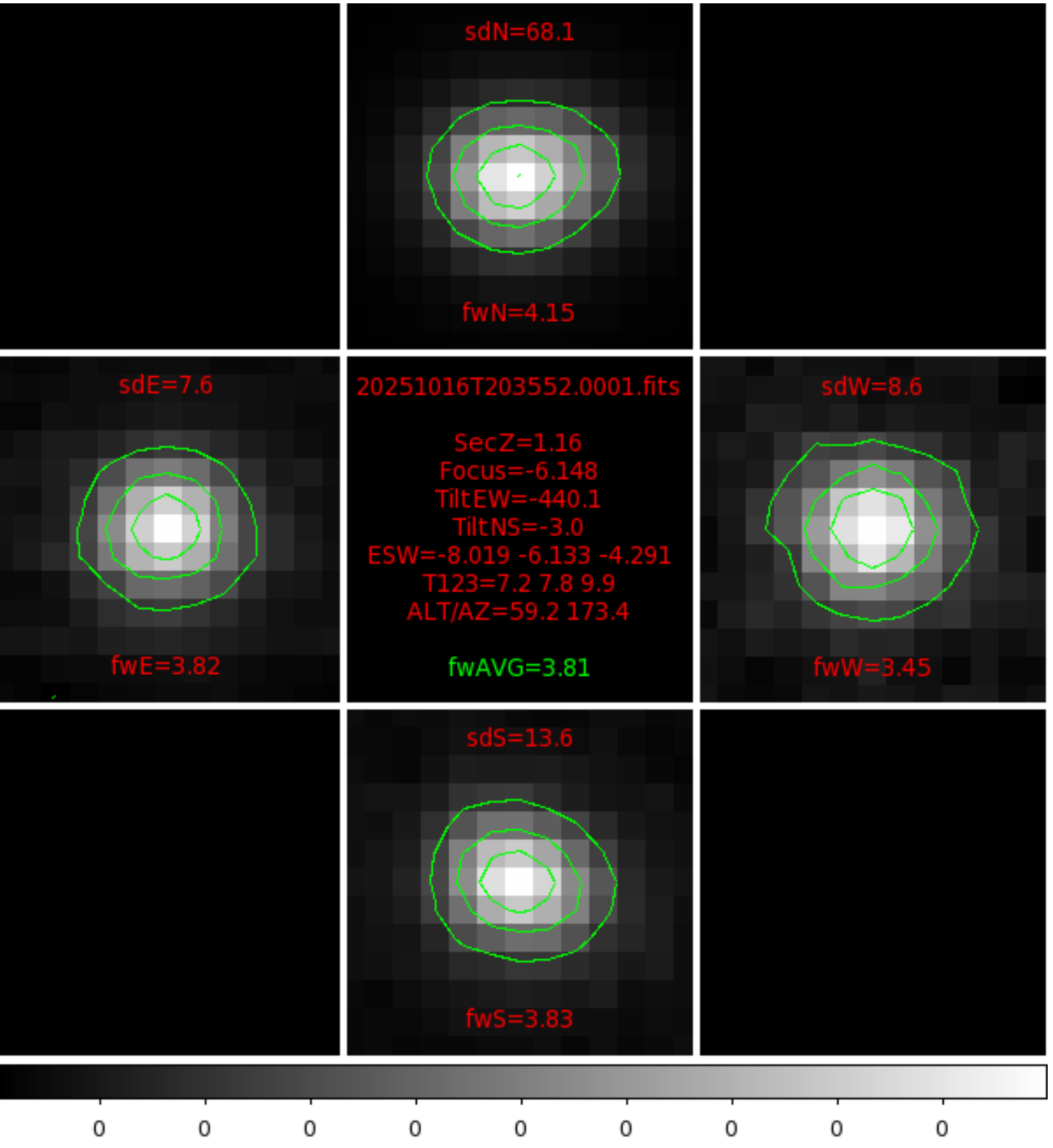
sdN=68.1
fwN=4.15
sdE=7.6
fwE=3.82
20251016T203552.0001.fits
SecZ=1.16
Focus=-6.148
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.019 -6.133 -4.291
T123=7.2 7.8 9.9
ALT/AZ=59.2 173.4
fwAVG=3.81
sdW=8.6
fwW=3.45
sdS=13.6
fwS=3.83
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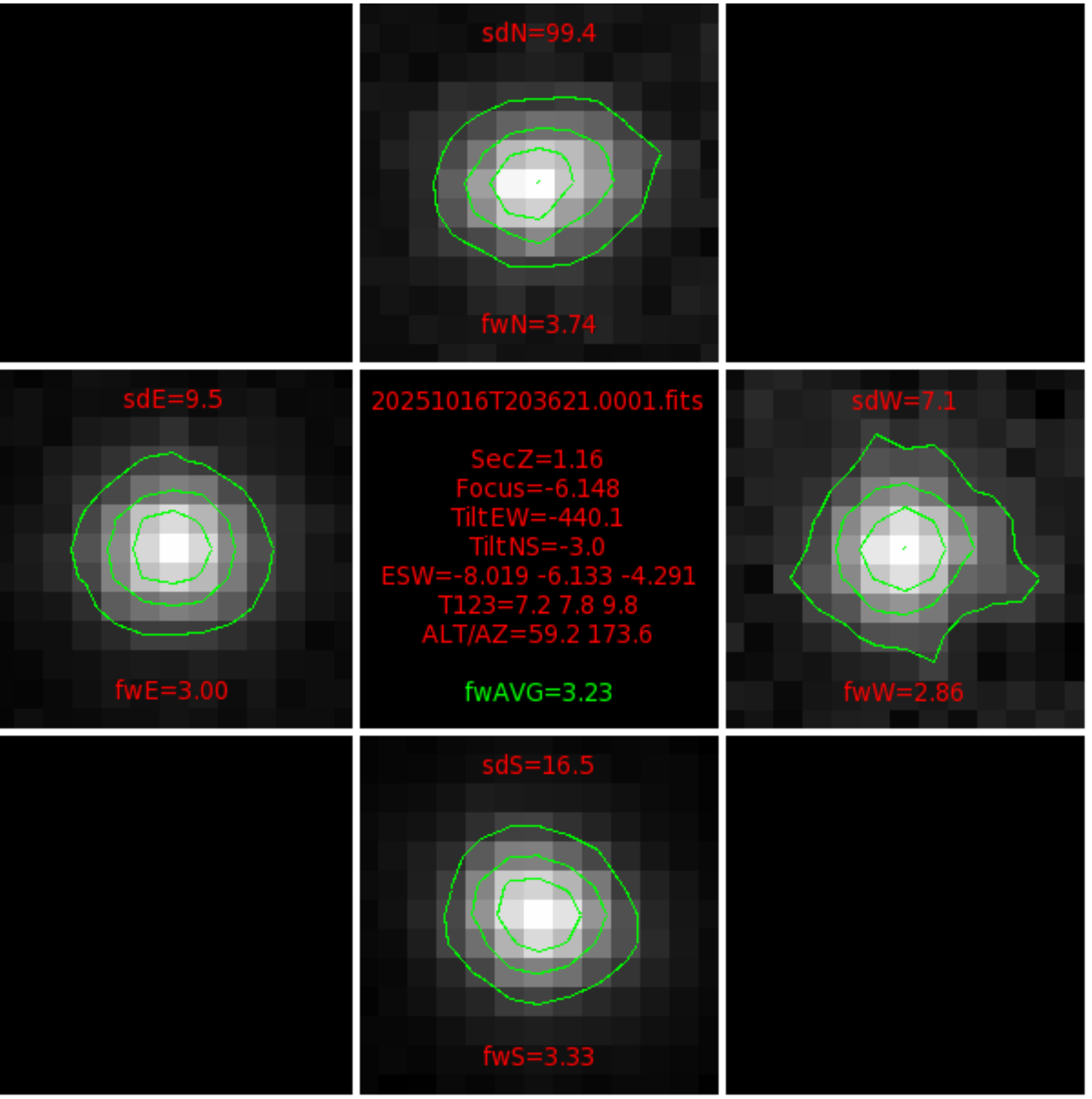
sdN=99.4
fwN=3.74
sdE=9.5
fwE=3.00
20251016T203621.0001.fits
SecZ=1.16
Focus=-6.148
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.019 -6.133 -4.291
T123=7.2 7.8 9.8
ALT/AZ=59.2 173.6
fwAVG=3.23
sdW=7.1
fwW=2.86
sdS=16.5
fwS=3.33
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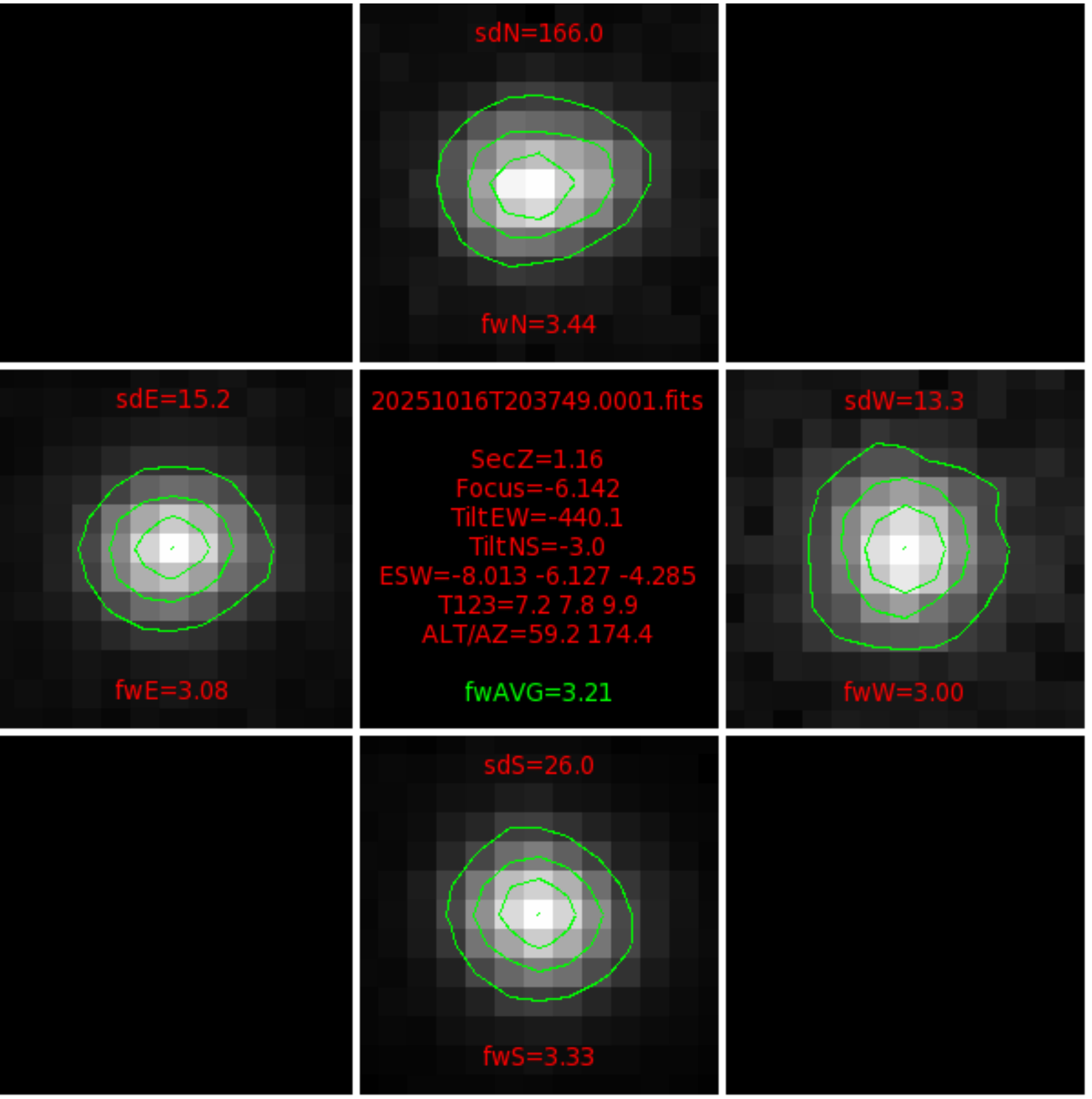
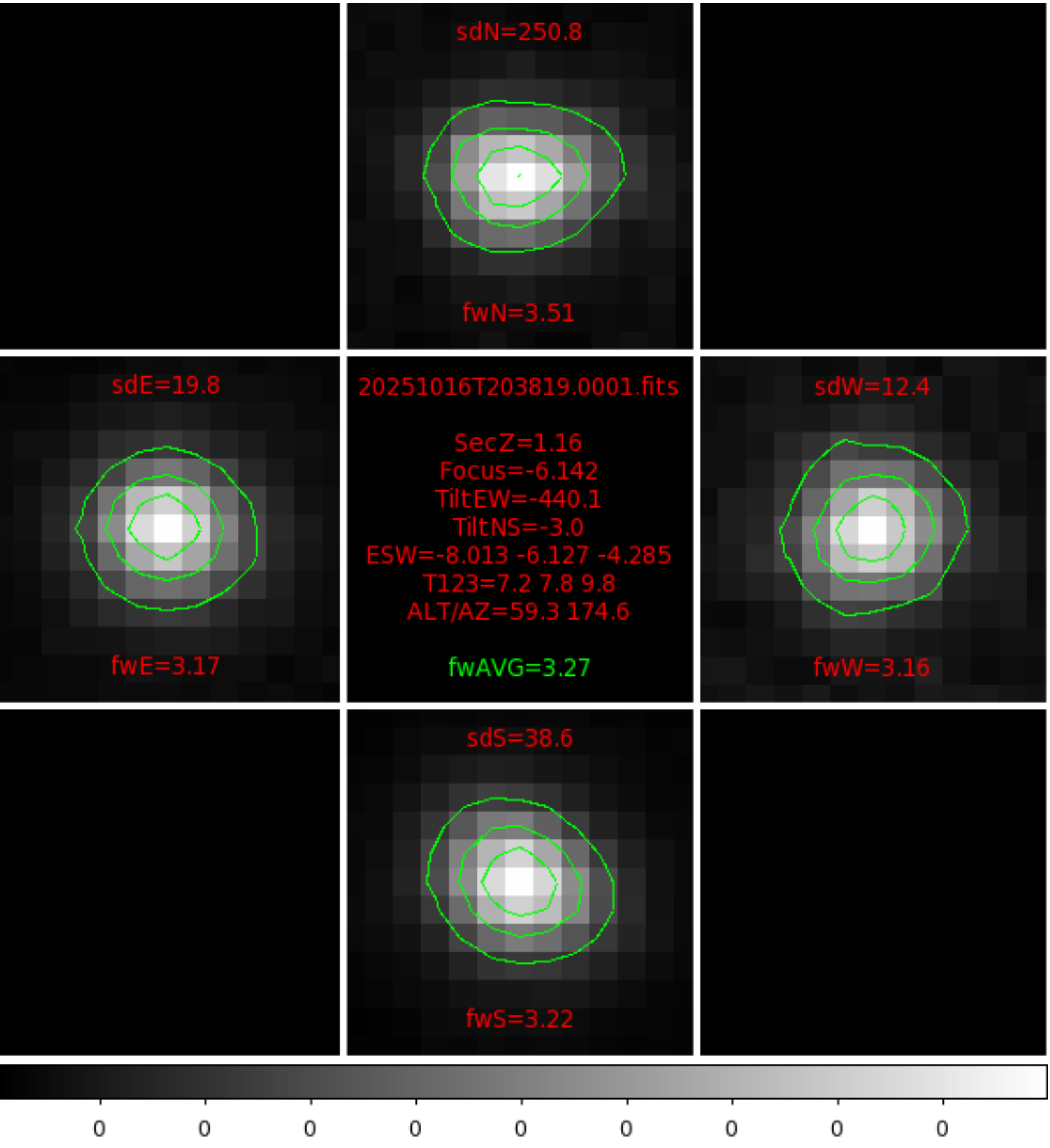

sdN=166.0
fwN=3.44
sdE=15.2
fwE=3.08
20251016T203749.0001.fits
SecZ=1.16
Focus=-6.142
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.013 -6.127 -4.285
T123=7.2 7.8 9.9
ALT/AZ=59.2 174.4
fwAVG=3.21
sdW=13.3
fwW=3.00
sdS=26.0
fwS=3.33
0 0 0 0 0 0 0 0 0


sdN=250.8
fwN=3.51
sdE=19.8
fwE=3.17
20251016T203819.0001.fits
SecZ=1.16
Focus=-6.142
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.013 -6.127 -4.285
T123=7.2 7.8 9.8
ALT/AZ=59.3 174.6
fwAVG=3.27
sdW=12.4
fwW=3.16
sdS=38.6
fwS=3.22
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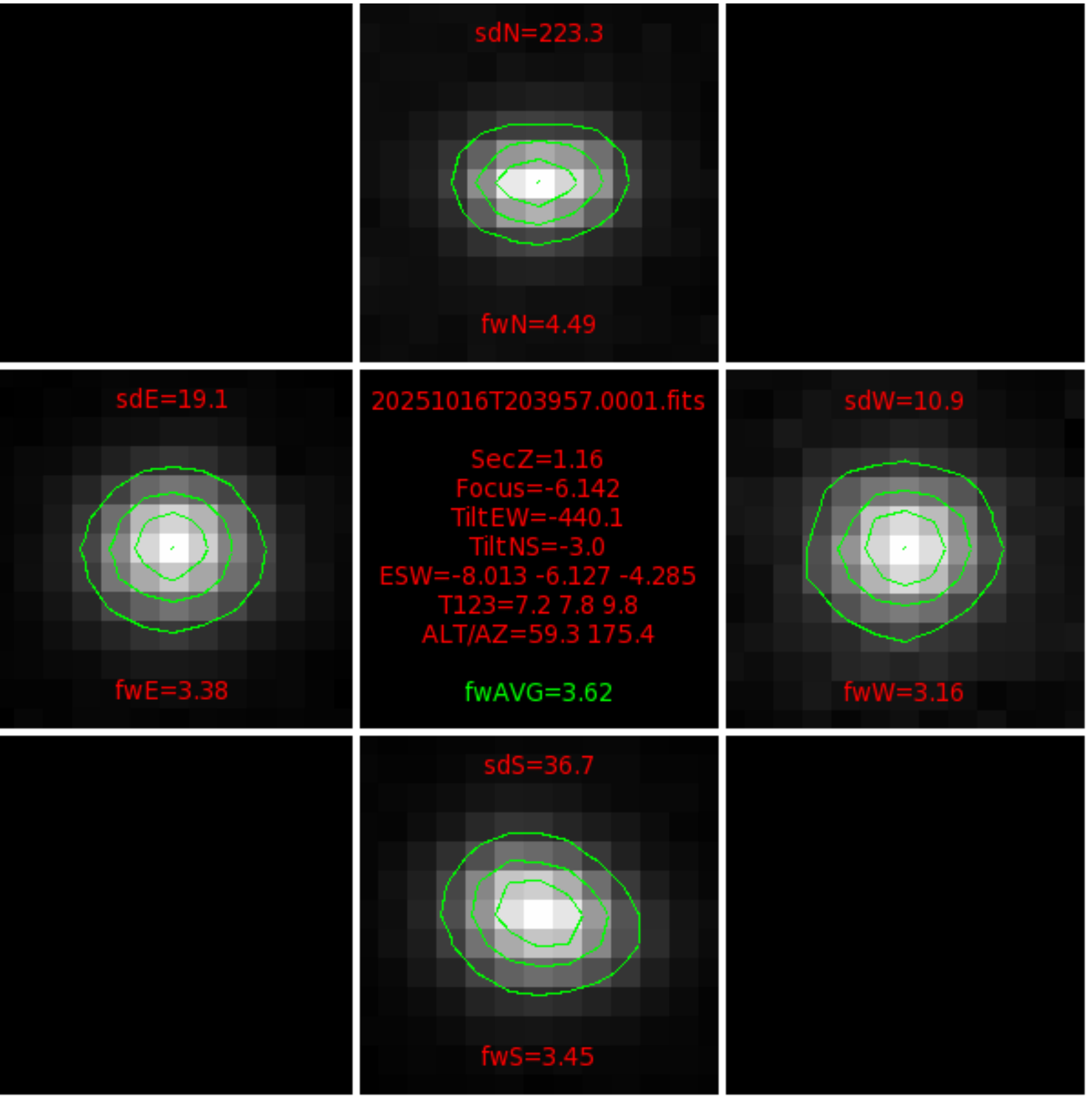
sdN=223.3
fwN=4.49
sdE=19.1
fwE=3.38
20251016T203957.0001.fits
SecZ=1.16
Focus=-6.142
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.013 -6.127 -4.285
T123=7.2 7.8 9.8
ALT/AZ=59.3 175.4
fwAVG=3.62
sdW=10.9
fwW=3.16
sdS=36.7
fwS=3.45
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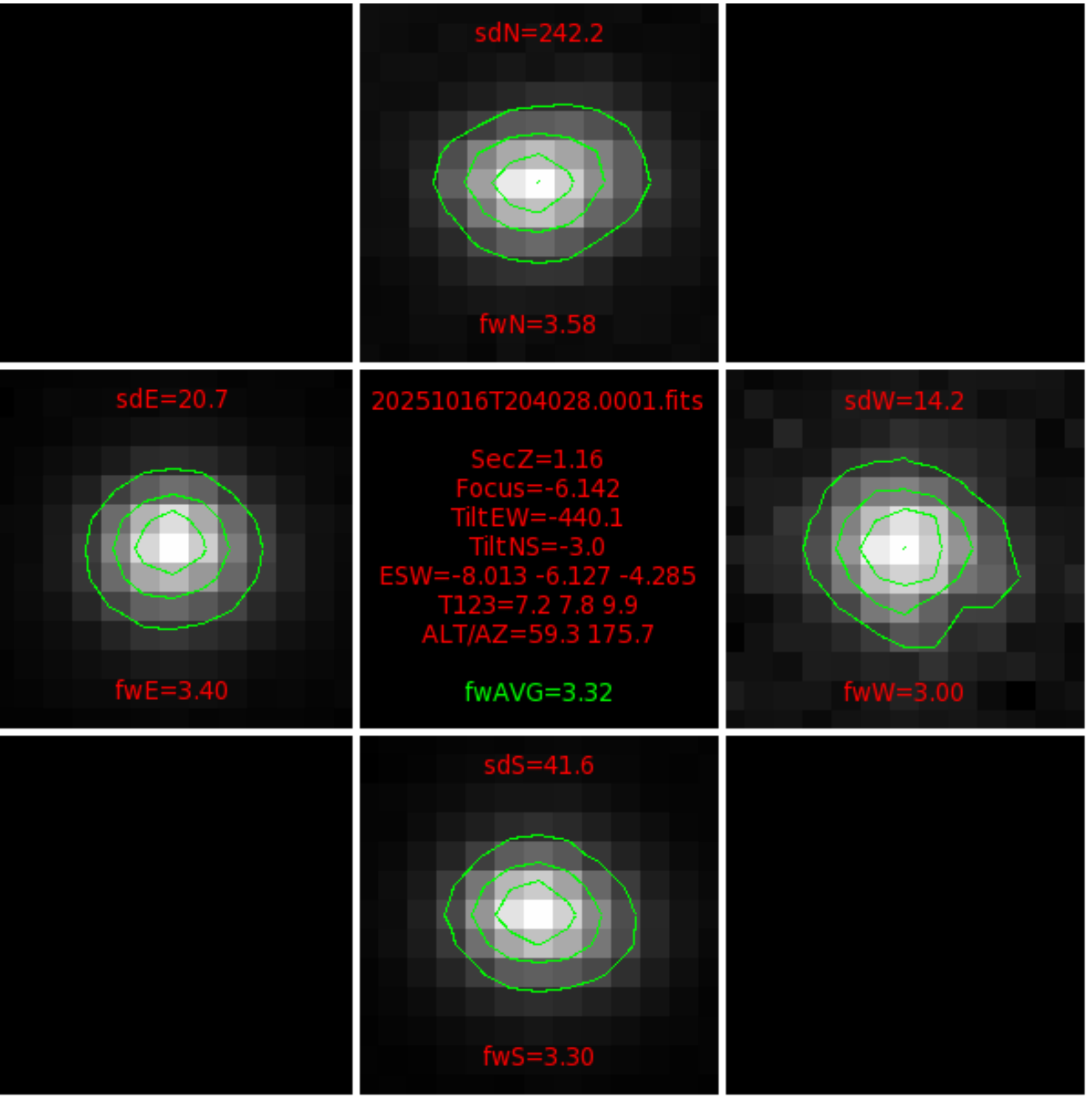
sdN=242.2
fwN=3.58
sdE=20.7
fwE=3.40
20251016T204028.0001.fits
SecZ=1.16
Focus=-6.142
TiltEW=-440.1
TiltNS=-3.0
ESW=-8.013 -6.127 -4.285
T123=7.2 7.8 9.9
ALT/AZ=59.3 175.7
fwAVG=3.32
sdW=14.2
fwW=3.00
sdS=41.6
fwS=3.30
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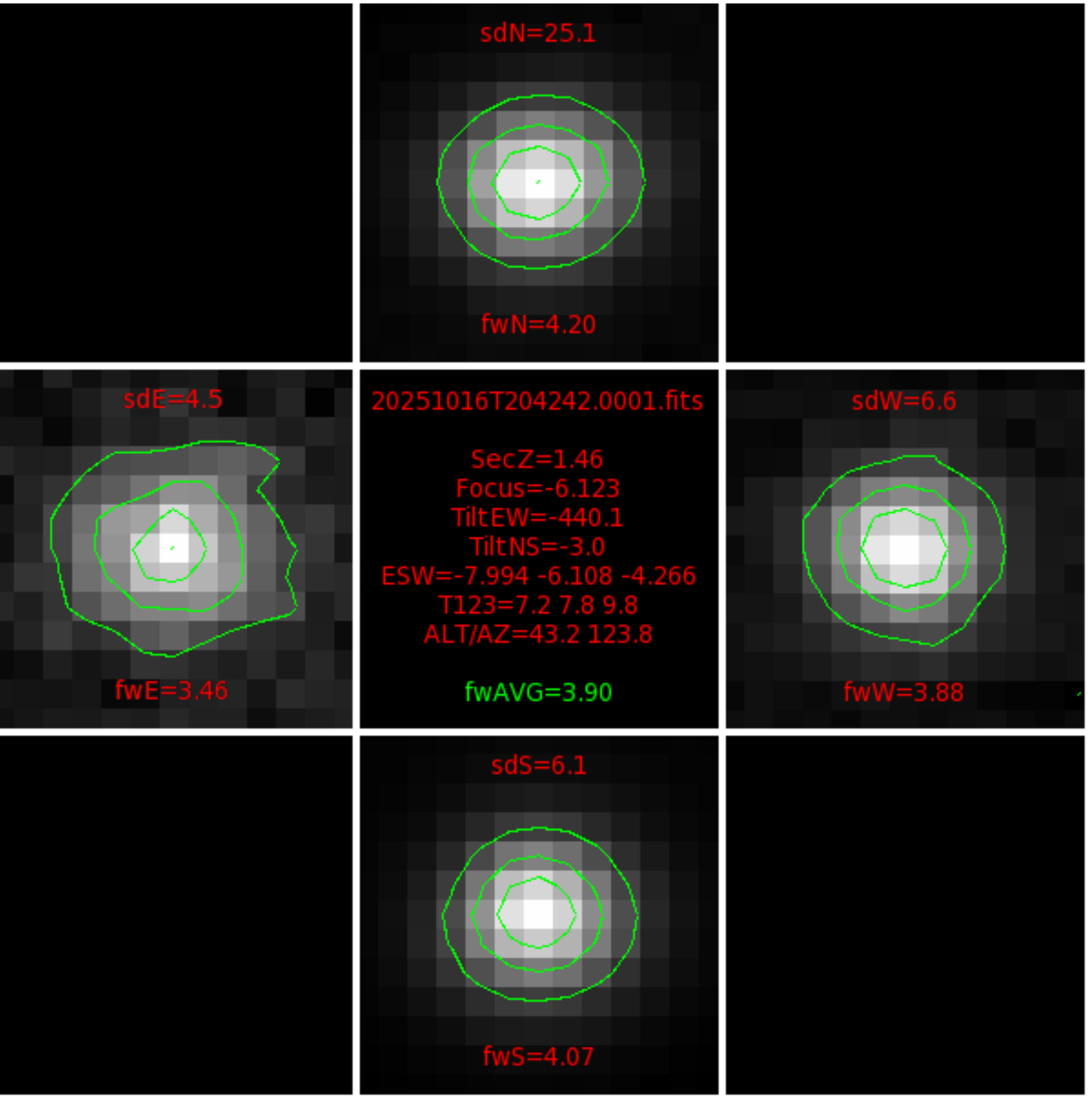
sdN=25.1
fwN=4.20
sdE=4.5
fwE=3.46
20251016T204242.0001.fits
SecZ=1.46
Focus=-6.123
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.994 -6.108 -4.266
T123=7.2 7.8 9.8
ALT/AZ=43.2 123.8
fwAVG=3.90
sdW=6.6
fwW=3.88
sdS=6.1
fwS=4.07
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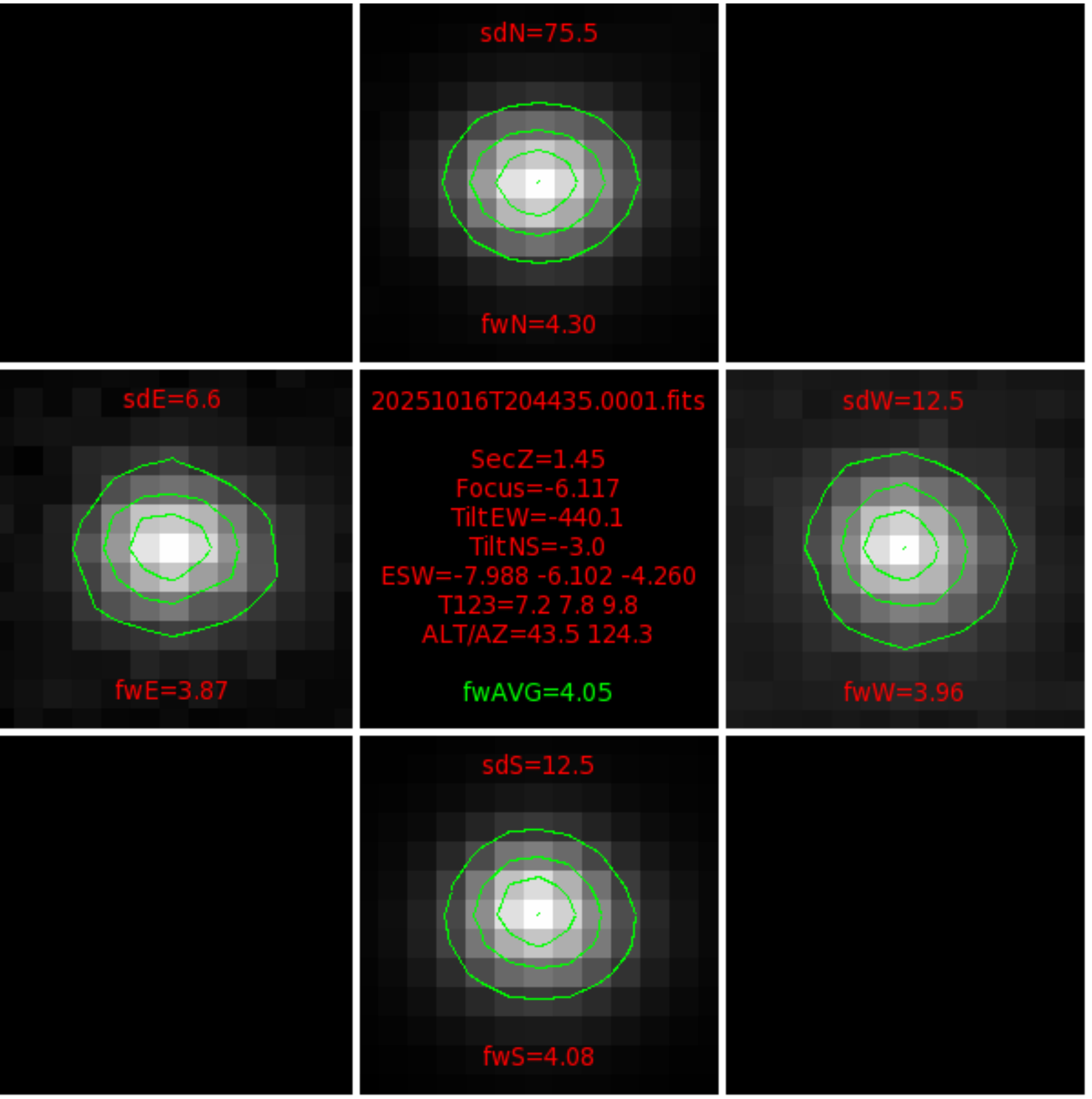
sdN=75.5
fwN=4.30
sdE=6.6
fwE=3.87
20251016T204435.0001.fits
SecZ=1.45
Focus=-6.117
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.988 -6.102 -4.260
T123=7.2 7.8 9.8
ALT/AZ=43.5 124.3
fwAVG=4.05
sdW=12.5
fwW=3.96
sdS=12.5
fwS=4.08
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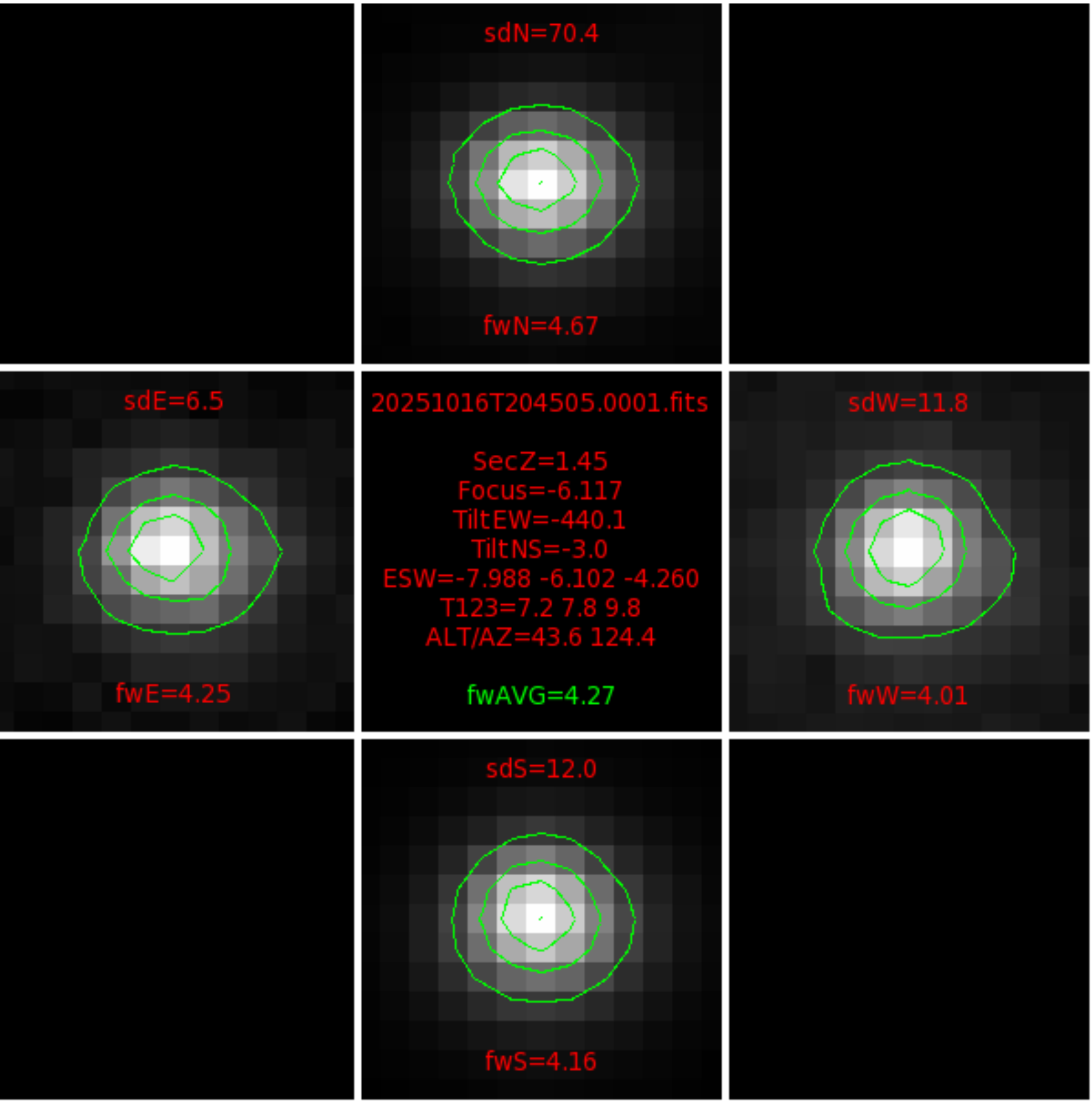
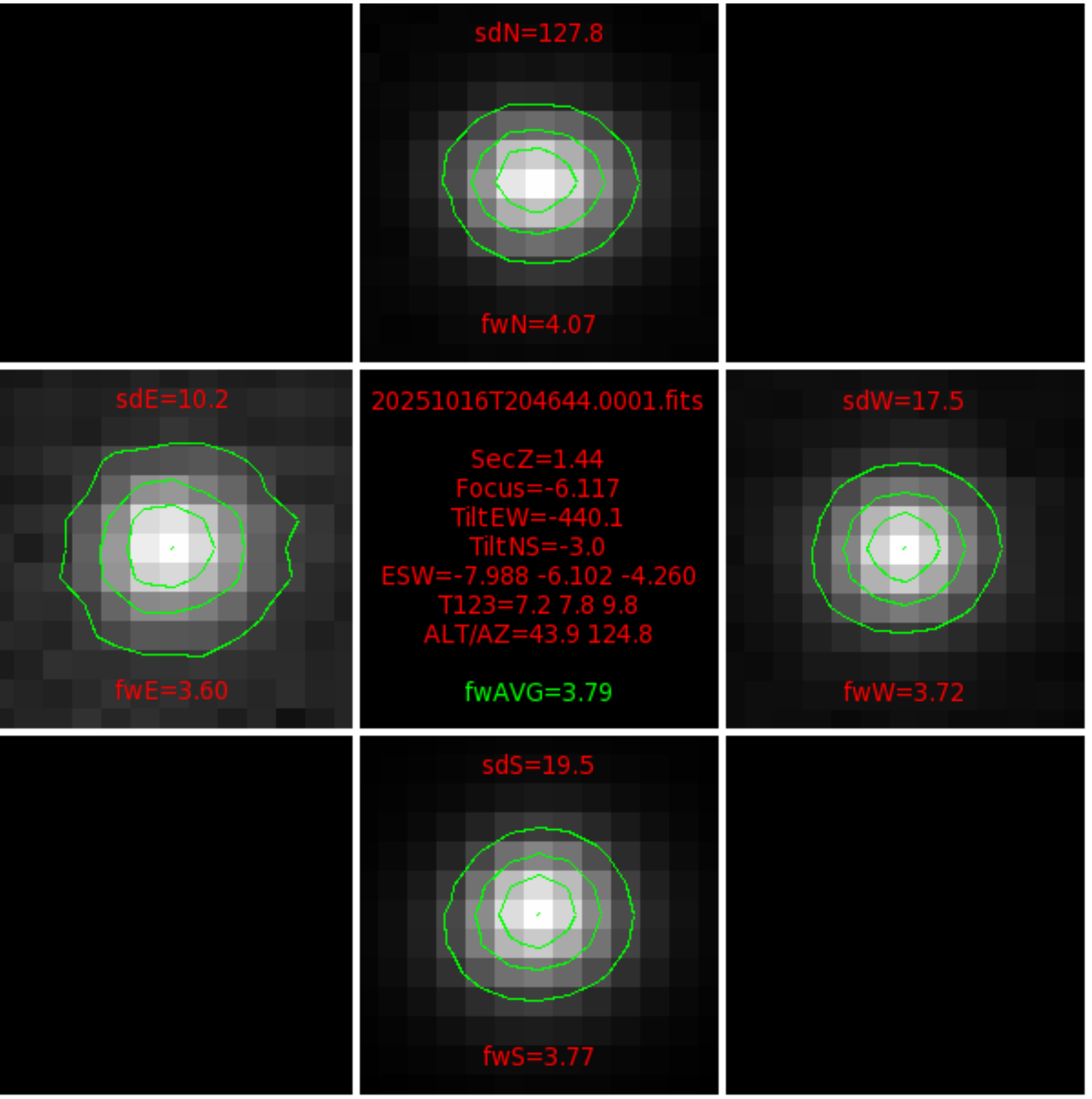

sdN=70.4
fwN=4.67
sdE=6.5
fwE=4.25
20251016T204505.0001.fits
SecZ=1.45
Focus=-6.117
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.988 -6.102 -4.260
T123=7.2 7.8 9.8
ALT/AZ=43.6 124.4
fwAVG=4.27
sdW=11.8
fwW=4.01
sdS=12.0
fwS=4.16
0 0 0 0 0 0 0 0 0


sdN=127.8
fwN=4.07
sdE=10.2
fwE=3.60
20251016T204644.0001.fits
SecZ=1.44
Focus=-6.117
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.988 -6.102 -4.260
T123=7.2 7.8 9.8
ALT/AZ=43.9 124.8
fwAVG=3.79
sdW=17.5
fwW=3.72
sdS=19.5
fwS=3.77
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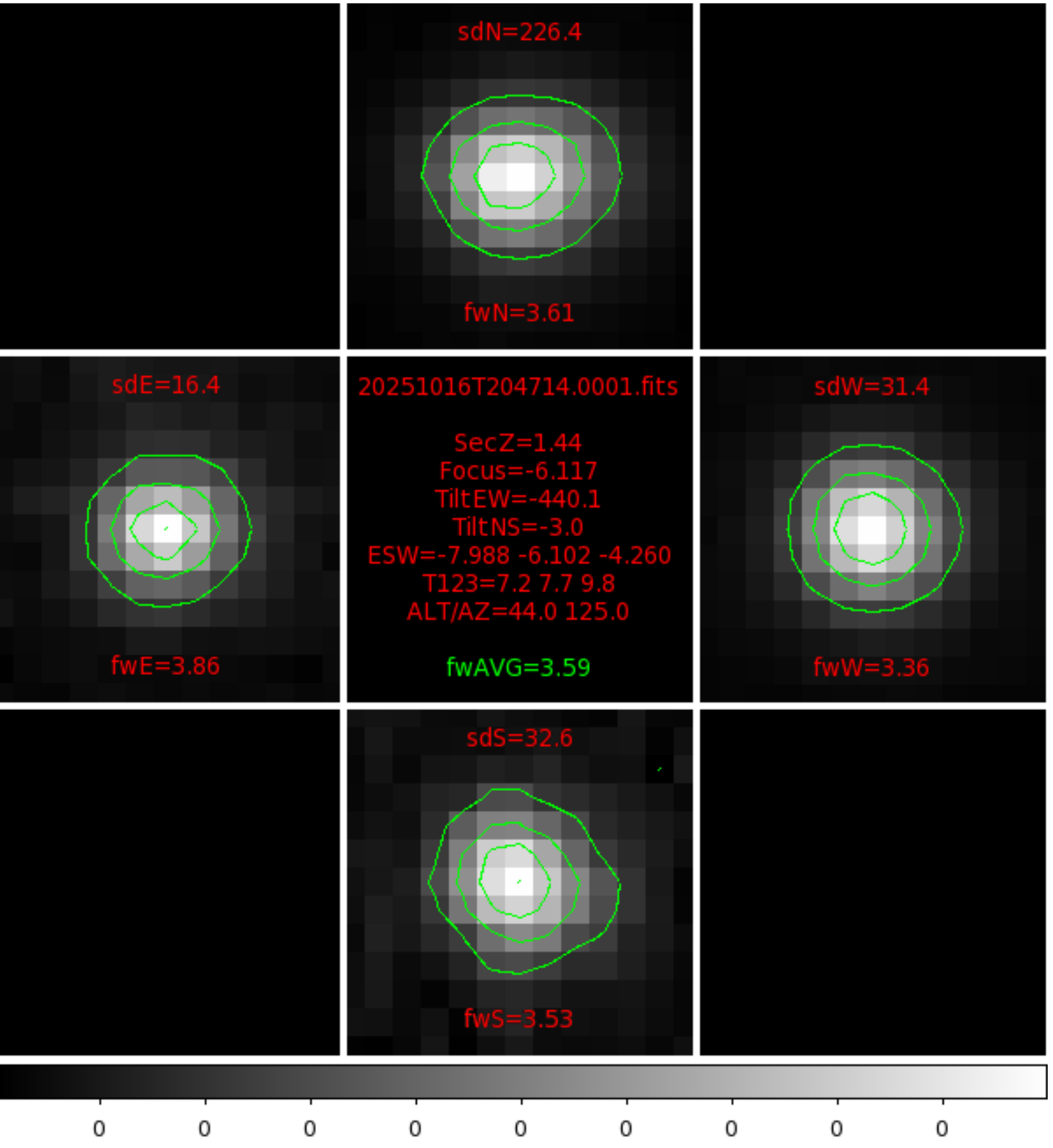
sdN=226.4
fwN=3.61
sdE=16.4
fwE=3.86
20251016T204714.0001.fits
SecZ=1.44
Focus=-6.117
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.988 -6.102 -4.260
T123=7.2 7.7 9.8
ALT/AZ=44.0 125.0
fwAVG=3.59
sdW=31.4
fwW=3.36
sdS=32.6
fwS=3.53
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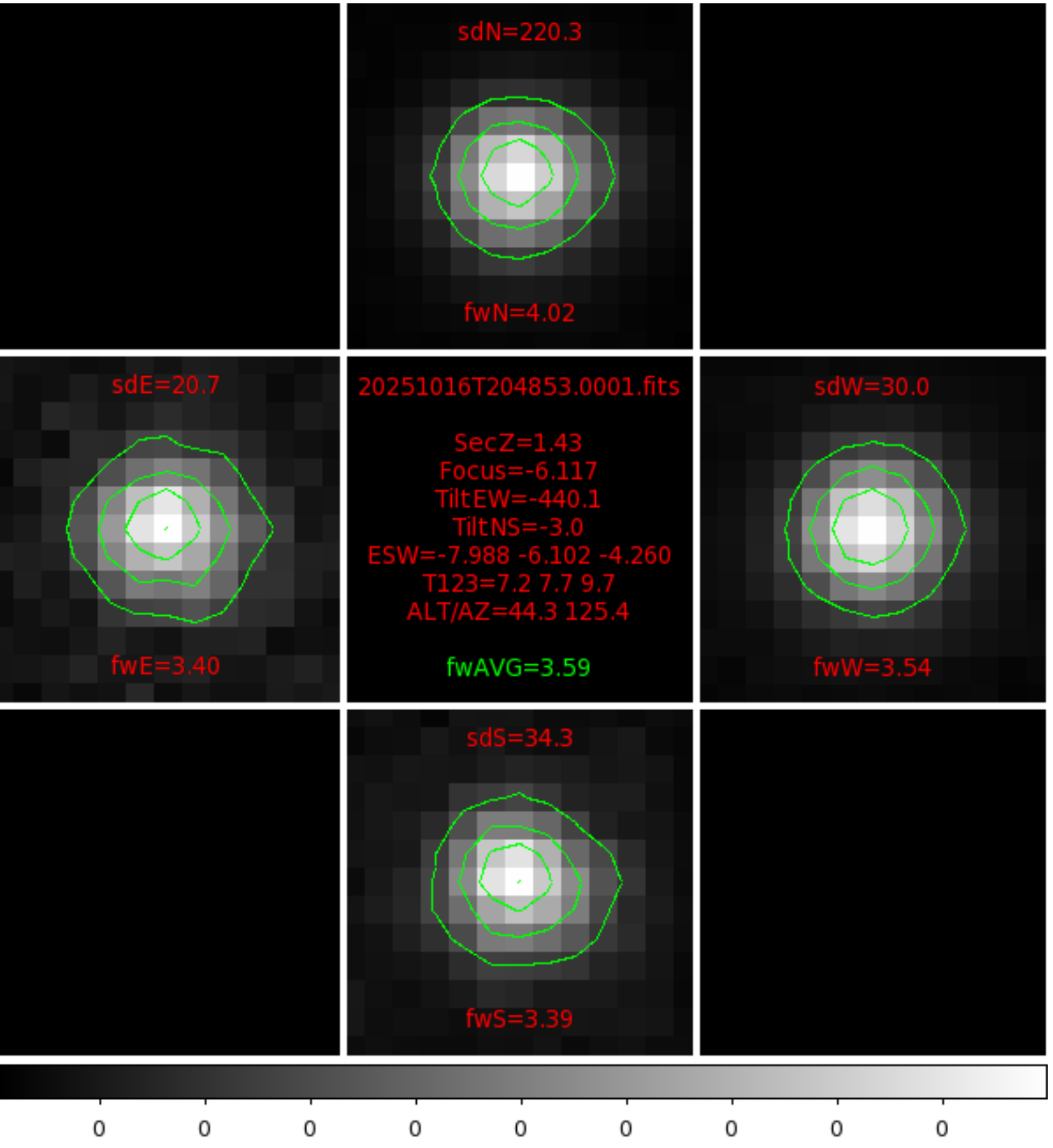
sdN=220.3
fwN=4.02
sdE=20.7
fwE=3.40
20251016T204853.0001.fits
SecZ=1.43
Focus=-6.117
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.988 -6.102 -4.260
T123=7.2 7.7 9.7
ALT/AZ=44.3 125.4
fwAVG=3.59
sdW=30.0
fwW=3.54
sdS=34.3
fwS=3.39
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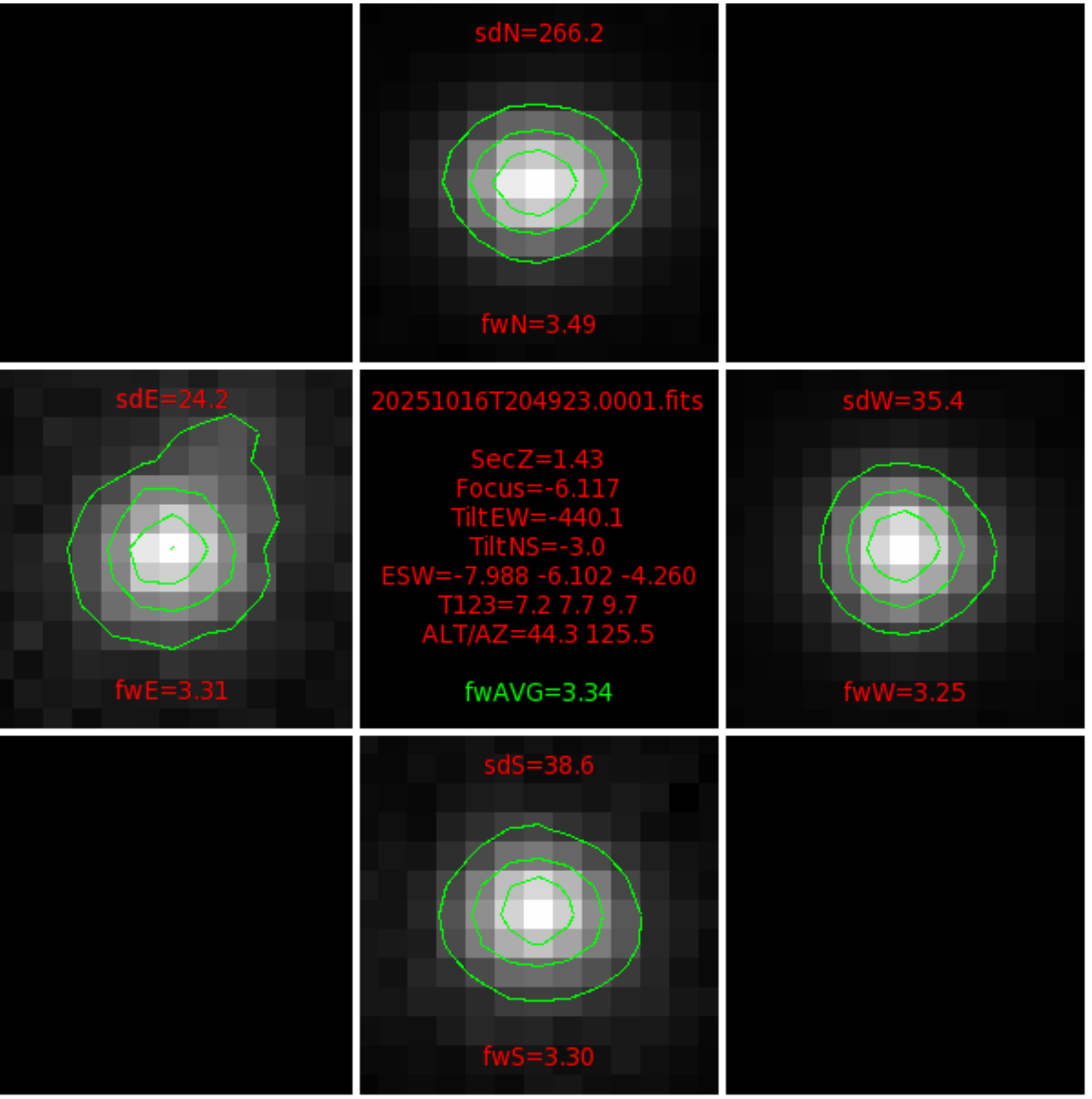
sdN=266.2
fwN=3.49
sdE=24.2
fwE=3.31
20251016T204923.0001.fits
SecZ=1.43
Focus=-6.117
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.988 -6.102 -4.260
T123=7.2 7.7 9.7
ALT/AZ=44.3 125.5
fwAVG=3.34
sdW=35.4
fwW=3.25
sdS=38.6
fwS=3.30
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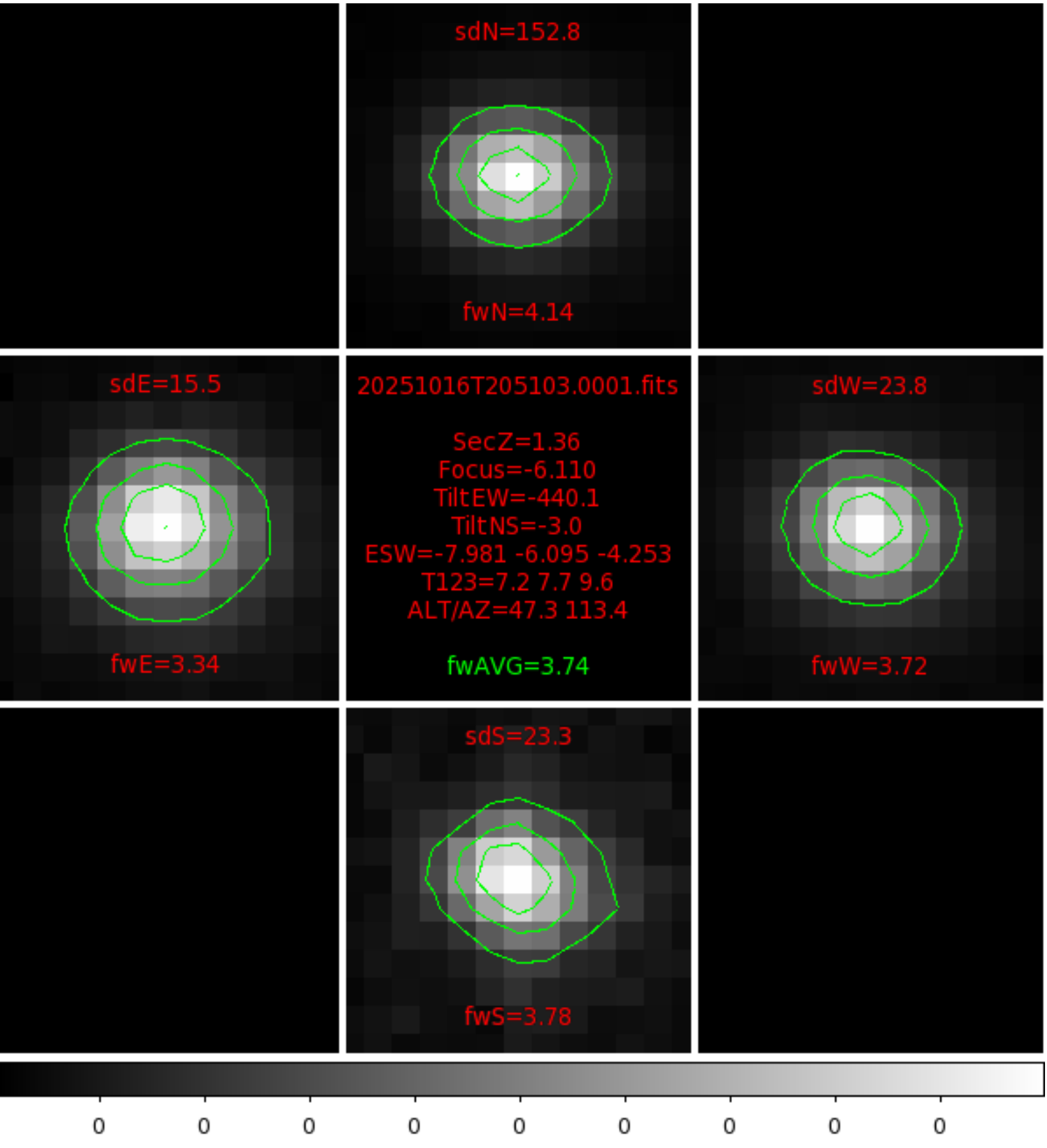
sdN=152.8
fwN=4.14
sdE=15.5
fwE=3.34
20251016T205103.0001.fits
SecZ=1.36
Focus=-6.110
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.981 -6.095 -4.253
T123=7.2 7.7 9.6
ALT/AZ=47.3 113.4
fwAVG=3.74
sdW=23.8
fwW=3.72
sdS=23.3
fwS=3.78
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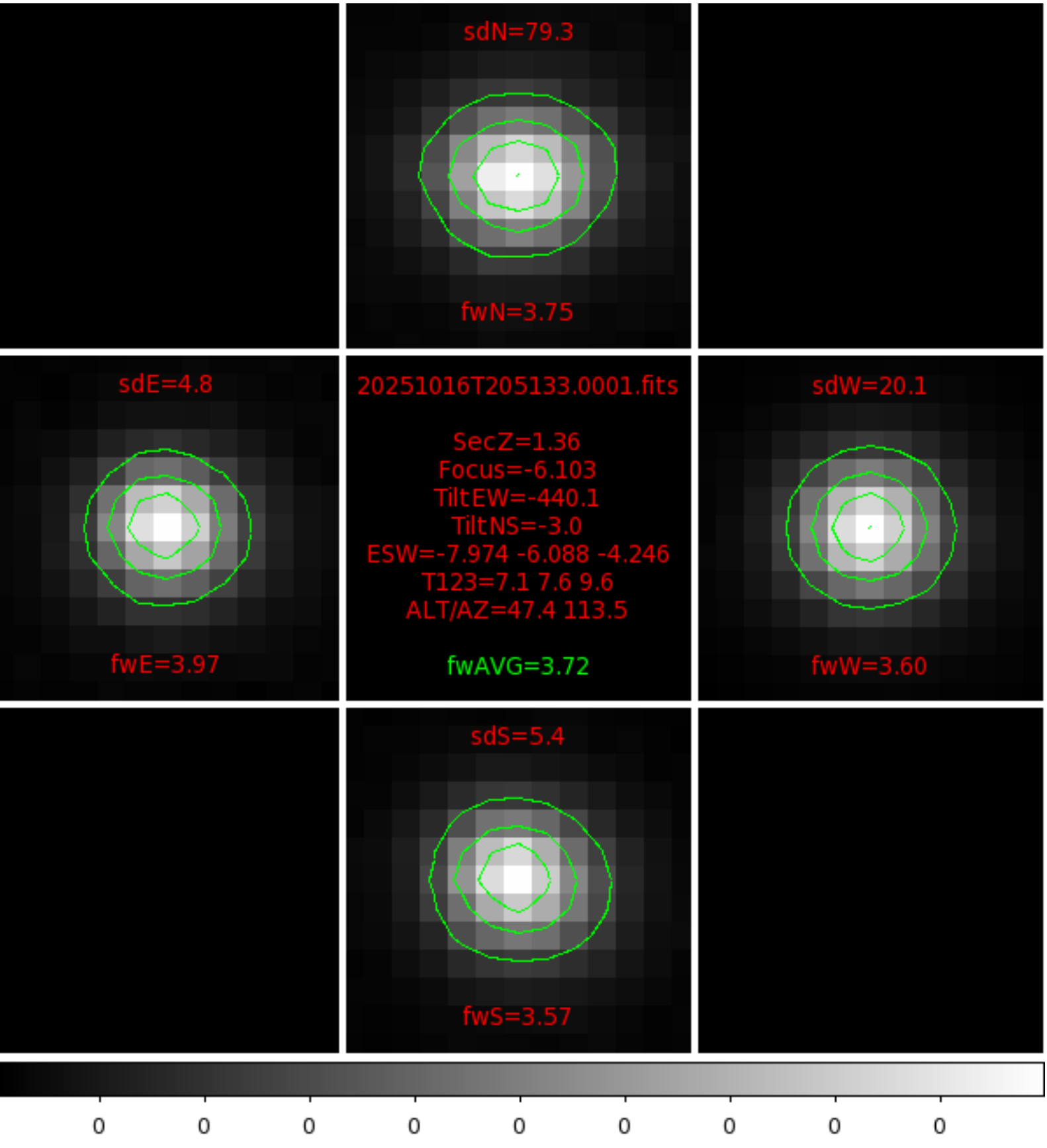
sdN=79.3
fwN=3.75
sdE=4.8
fwE=3.97
20251016T205133.0001.fits
SecZ=1.36
Focus=-6.103
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.974 -6.088 -4.246
T123=7.1 7.6 9.6
ALT/AZ=47.4 113.5
fwAVG=3.72
sdW=20.1
fwW=3.60
sdS=5.4
fwS=3.57
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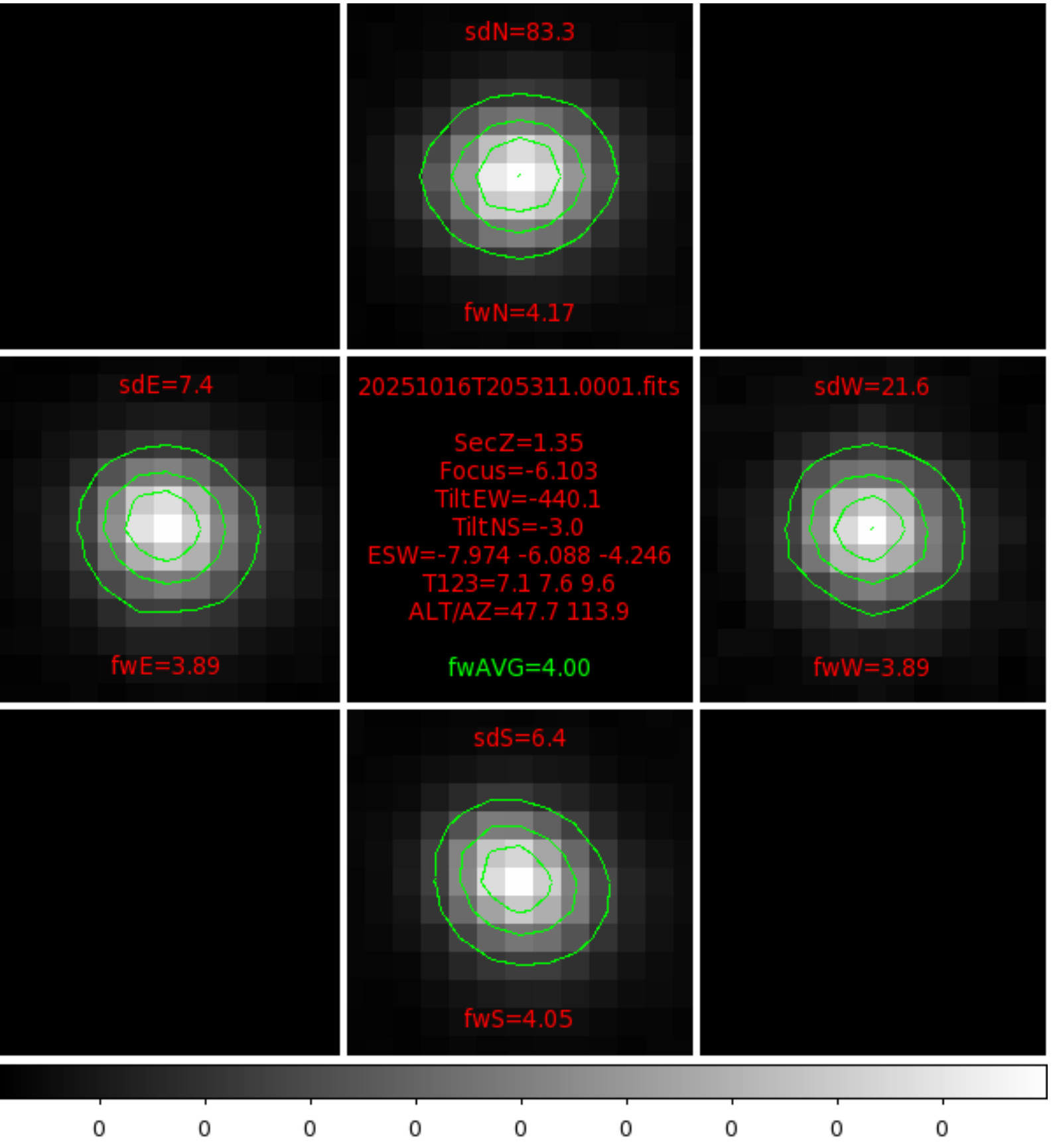
sdN=83.3
fwN=4.17
sdE=7.4
fwE=3.89
20251016T205311.0001.fits
SecZ=1.35
Focus=-6.103
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.974 -6.088 -4.246
T123=7.1 7.6 9.6
ALT/AZ=47.7 113.9
fwAVG=4.00
sdW=21.6
fwW=3.89
sdS=6.4
fwS=4.05
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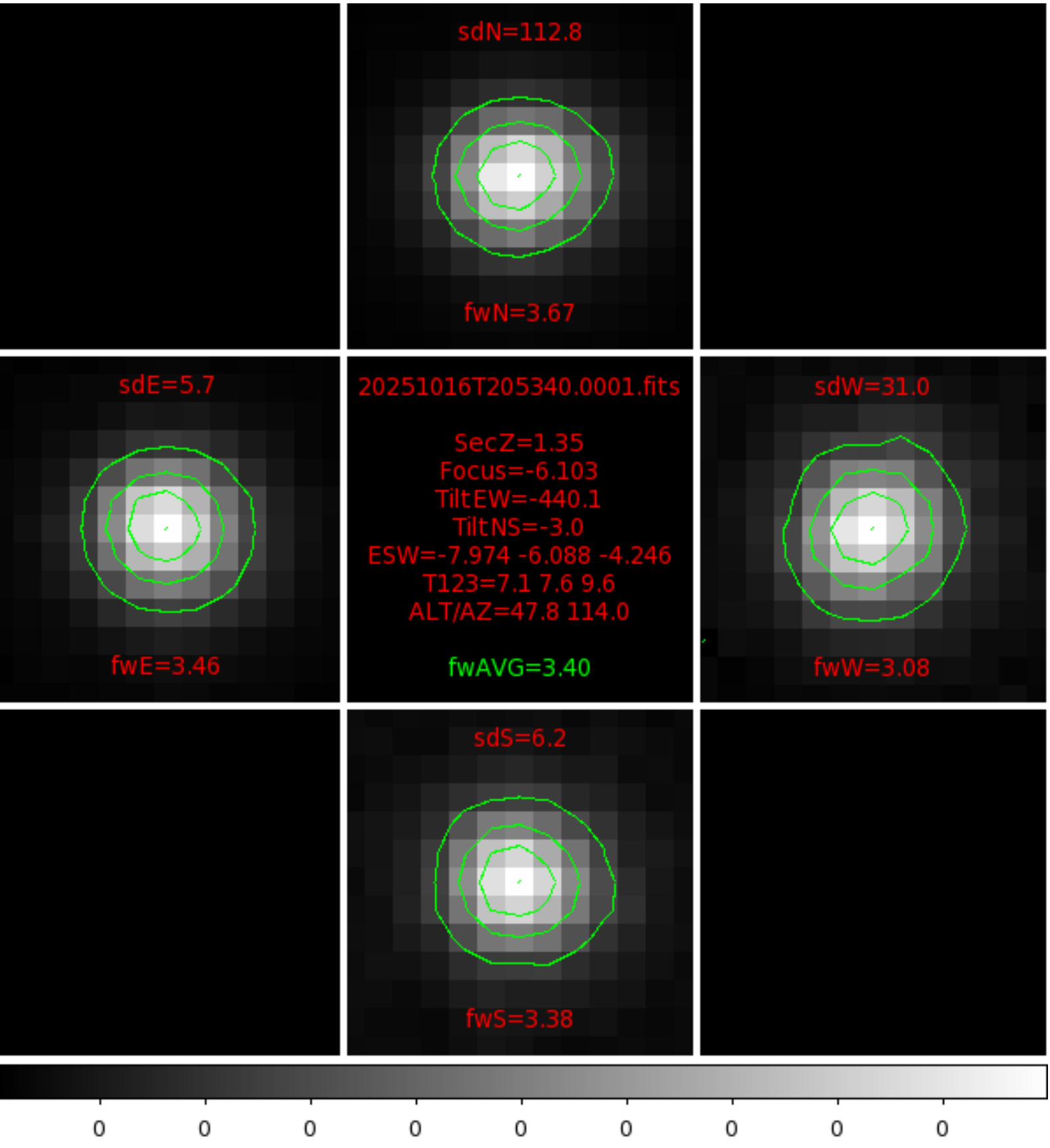
sdN=112.8
fwN=3.67
sdE=5.7
fwE=3.46
20251016T205340.0001.fits
SecZ=1.35
Focus=-6.103
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.974 -6.088 -4.246
T123=7.1 7.6 9.6
ALT/AZ=47.8 114.0
fwAVG=3.40
sdW=31.0
fwW=3.08
sdS=6.2
fwS=3.38
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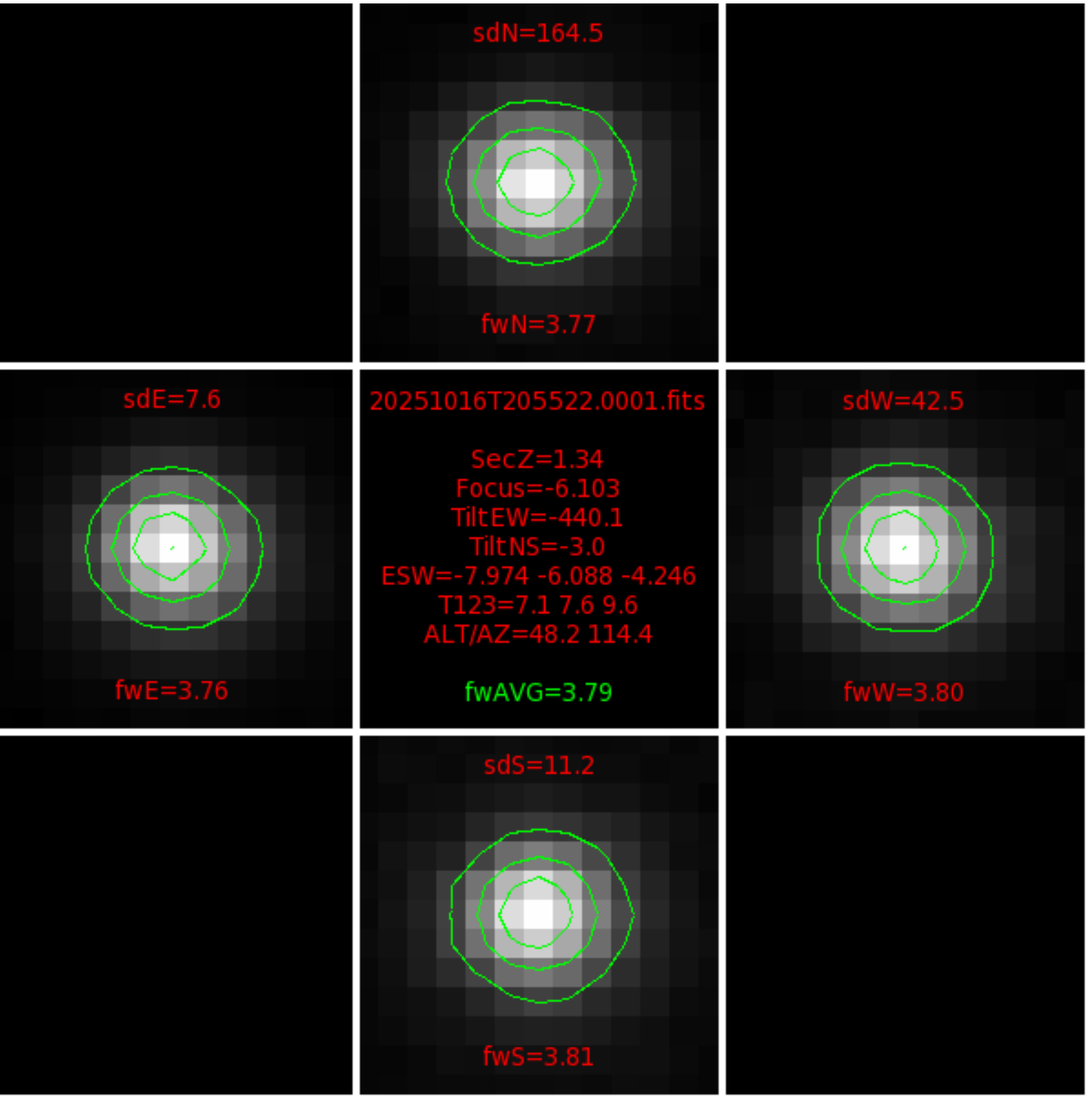
sdN=164.5
fwN=3.77
sdE=7.6
fwE=3.76
20251016T205522.0001.fits
SecZ=1.34
Focus=-6.103
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.974 -6.088 -4.246
T123=7.1 7.6 9.6
ALT/AZ=48.2 114.4
fwAVG=3.79
sdW=42.5
fwW=3.80
sdS=11.2
fwS=3.81
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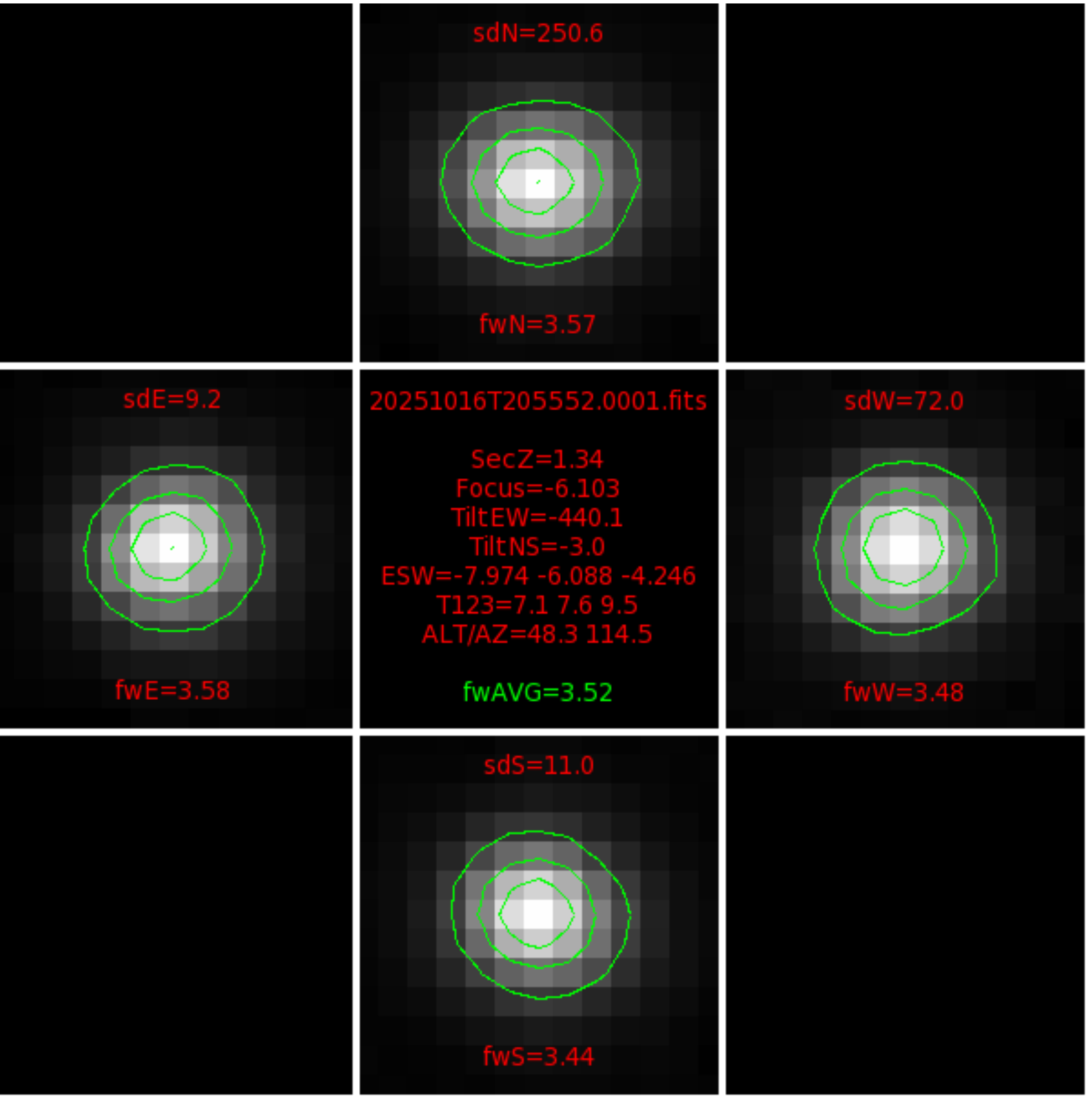
sdN=250.6
fwN=3.57
sdE=9.2
fwE=3.58
20251016T205552.0001.fits
SecZ=1.34
Focus=-6.103
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.974 -6.088 -4.246
T123=7.1 7.6 9.5
ALT/AZ=48.3 114.5
fwAVG=3.52
sdW=72.0
fwW=3.48
sdS=11.0
fwS=3.44
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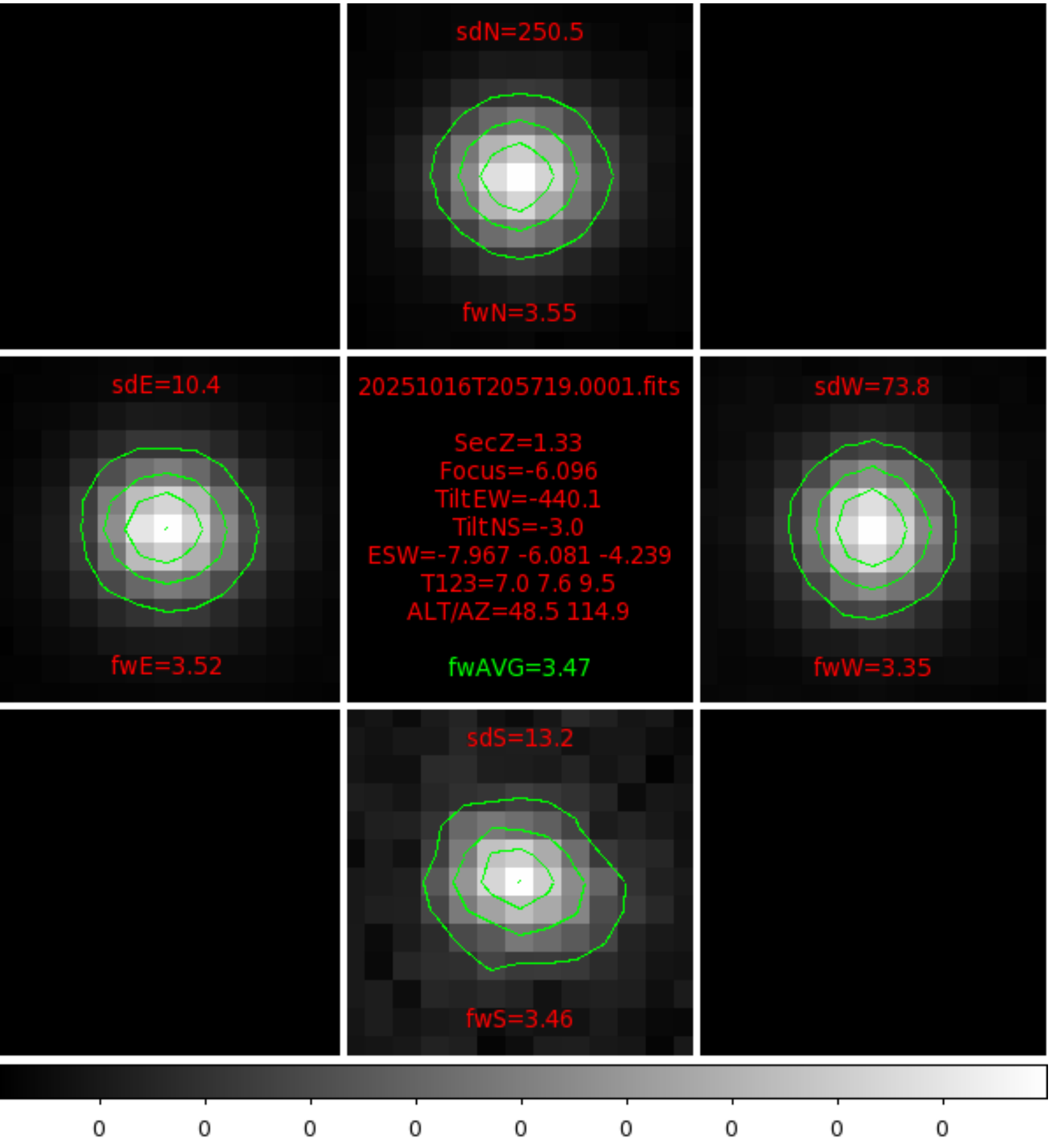
sdN=250.5
fwN=3.55
sdE=10.4
fwE=3.52
20251016T205719.0001.fits
SecZ=1.33
Focus=-6.096
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.967 -6.081 -4.239
T123=7.0 7.6 9.5
ALT/AZ=48.5 114.9
fwAVG=3.47
sdW=73.8
fwW=3.35
sdS=13.2
fwS=3.46
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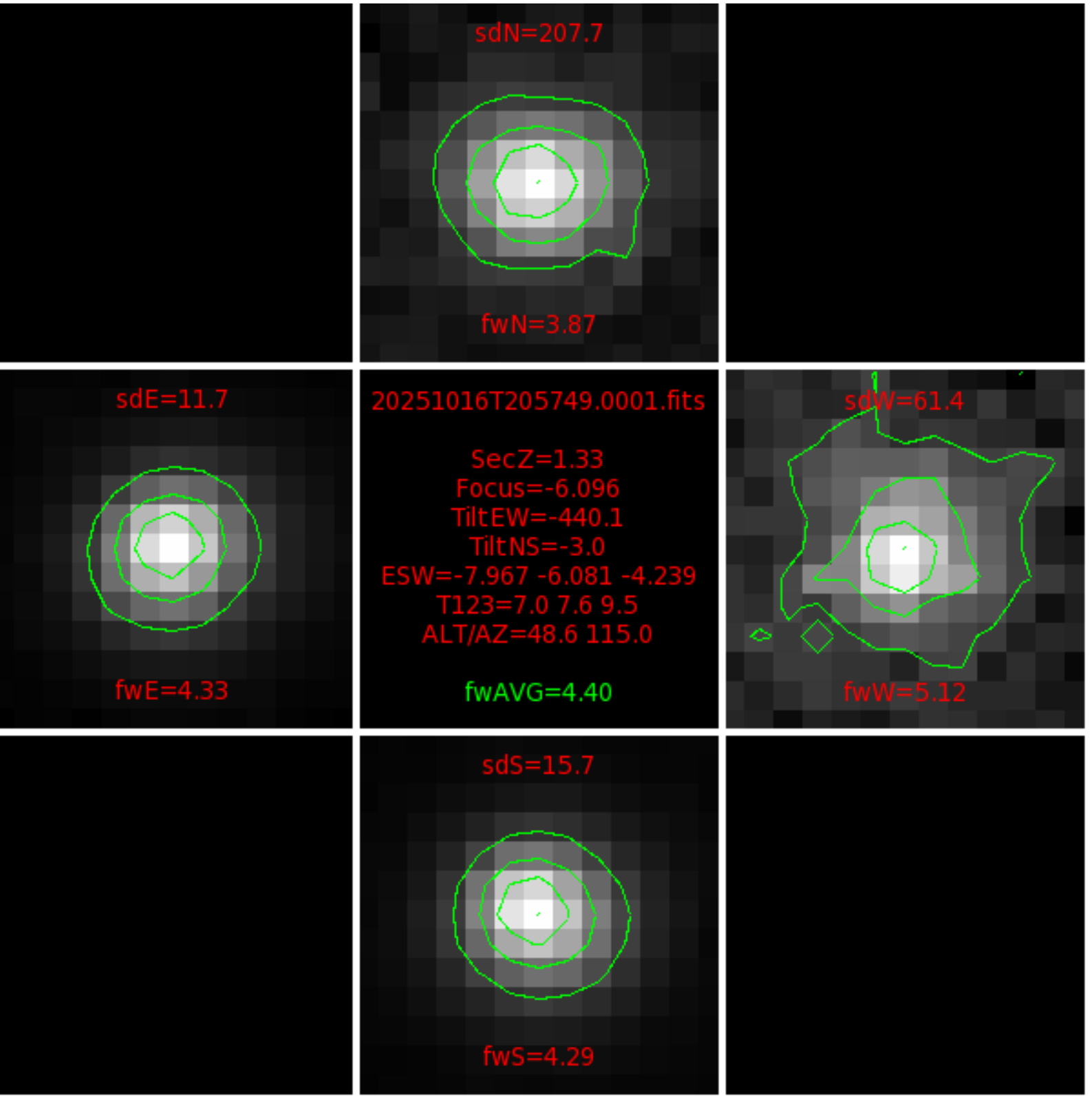
sdN=207.7
fwN=3.87
sdE=11.7
fwE=4.33
20251016T205749.0001.fits
SecZ=1.33
Focus=-6.096
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.967 -6.081 -4.239
T123=7.0 7.6 9.5
ALT/AZ=48.6 115.0
fwAVG=4.40
sdW=61.4
fwW=5.12
sdS=15.7
fwS=4.29
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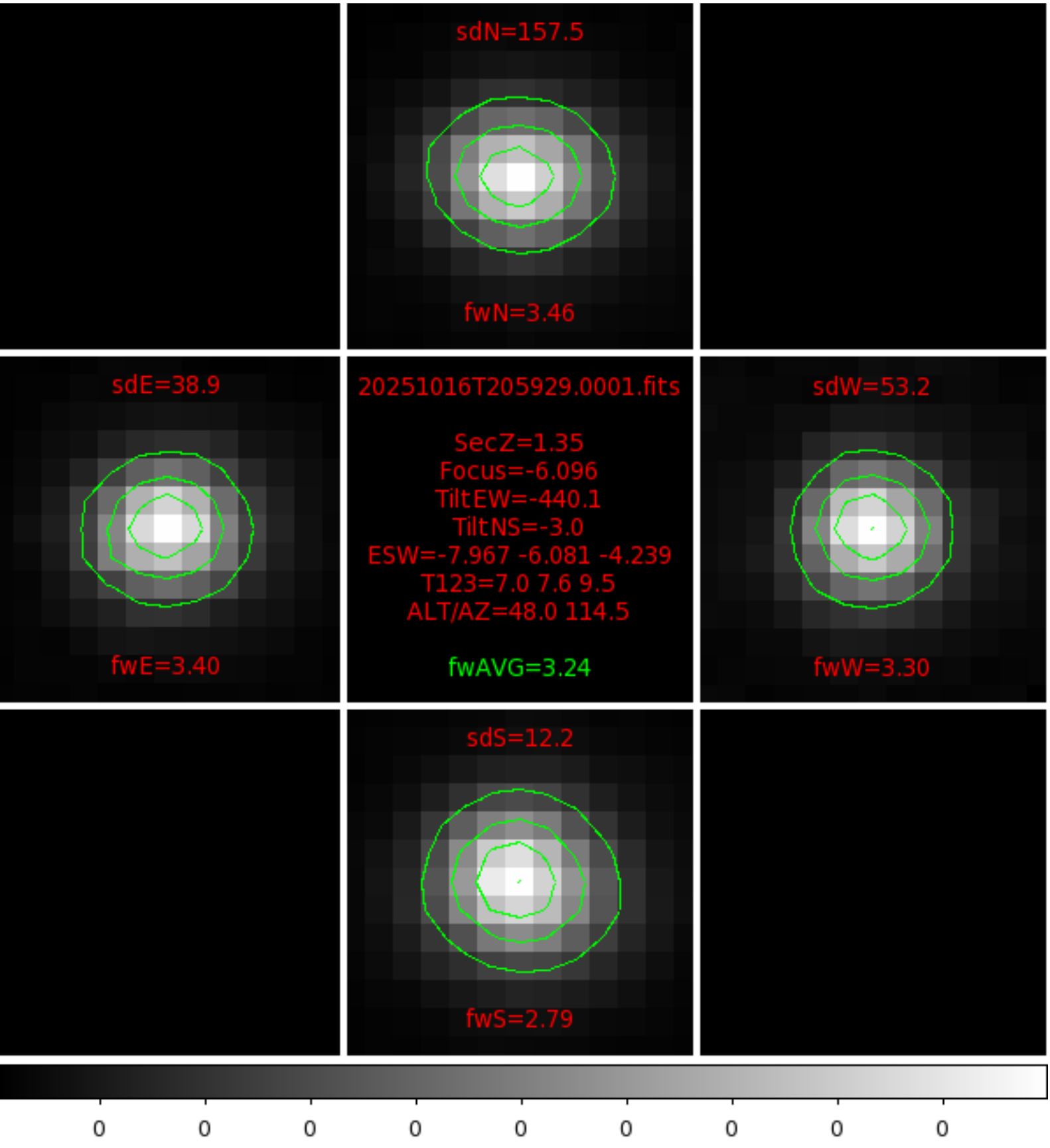
sdN=157.5
fwN=3.46
sdE=38.9
fwE=3.40
20251016T205929.0001.fits
SecZ=1.35
Focus=-6.096
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.967 -6.081 -4.239
T123=7.0 7.6 9.5
ALT/AZ=48.0 114.5
fwAVG=3.24
sdW=53.2
fwW=3.30
sdS=12.2
fwS=2.79
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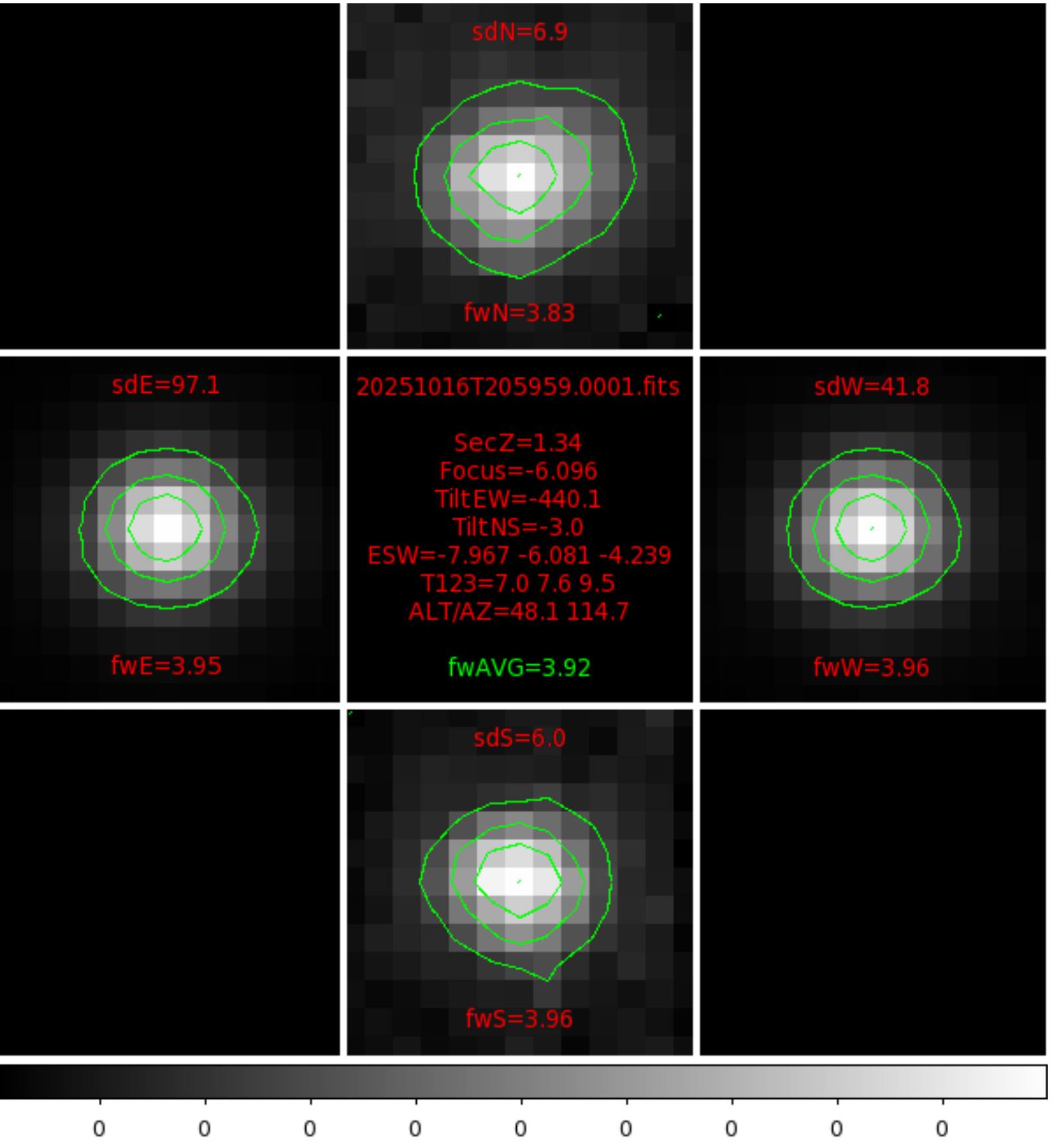
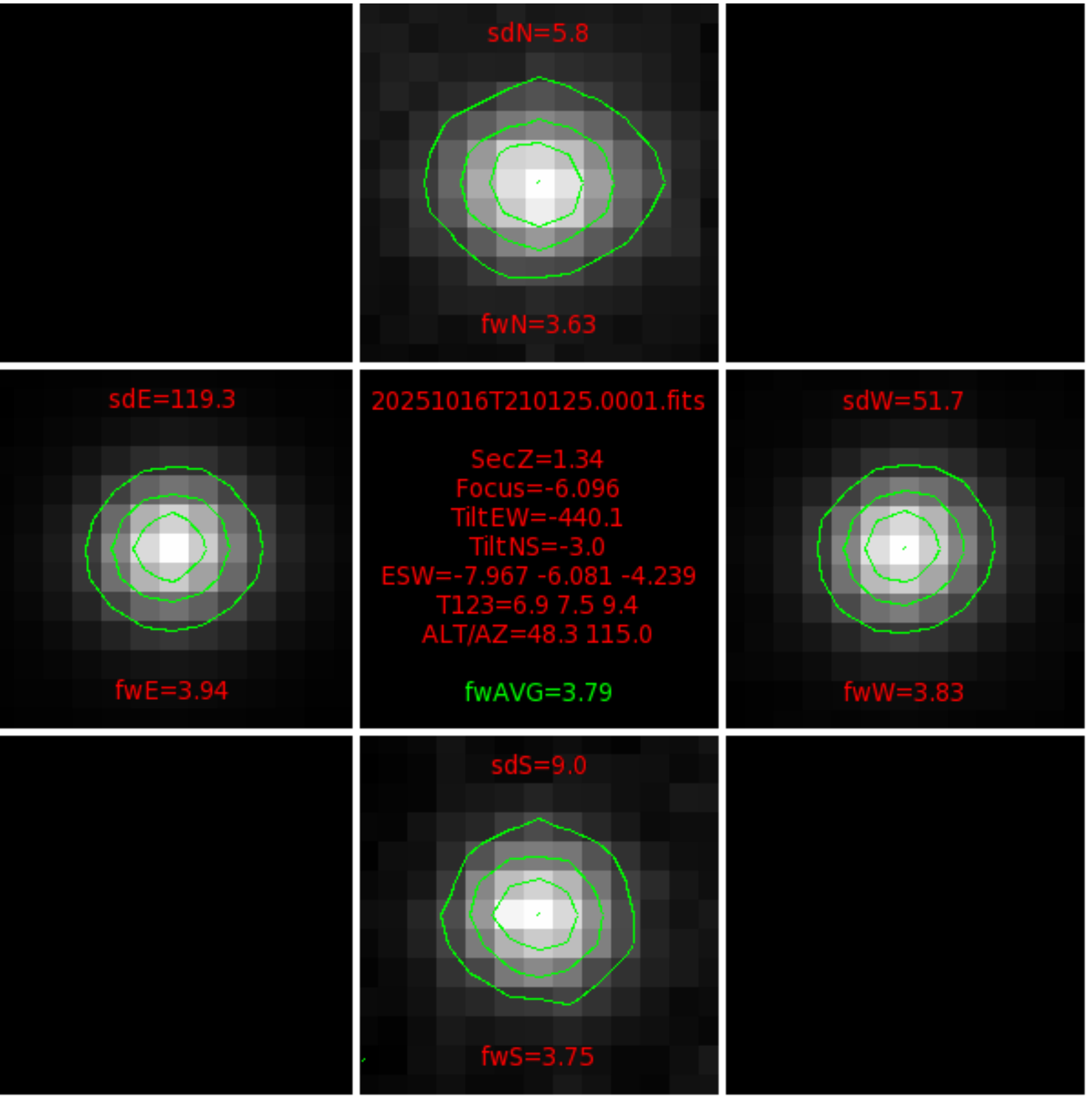
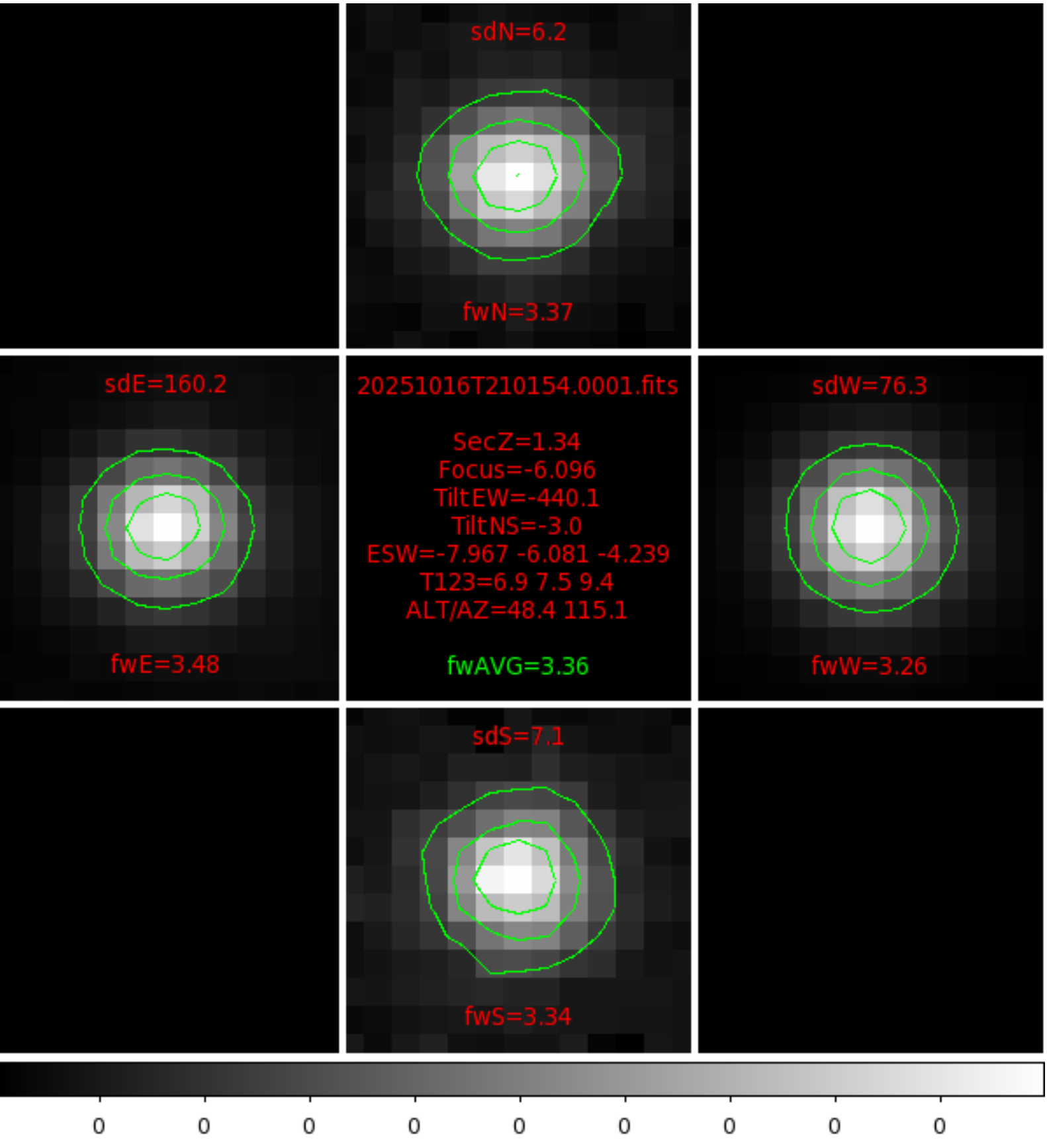

sdN=6.9
fwN=3.83
sdE=97.1
fwE=3.95
20251016T205959.0001.fits
SecZ=1.34
Focus=-6.096
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.967 -6.081 -4.239
T123=7.0 7.6 9.5
ALT/AZ=48.1 114.7
fwAVG=3.92
sdW=41.8
fwW=3.96
sdS=6.0
fwS=3.96
0 0 0 0 0 0 0 0 0


sdN=5.8
fwN=3.63
sdE=119.3
fwE=3.94
20251016T210125.0001.fits
SecZ=1.34
Focus=-6.096
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.967 -6.081 -4.239
T123=6.9 7.5 9.4
ALT/AZ=48.3 115.0
fwAVG=3.79
sdW=51.7
fwW=3.83
sdS=9.0
fwS=3.75
0 0 0 0 0 0 0 0 0


sdN=6.2
fwN=3.37
sdE=160.2
fwE=3.48
20251016T210154.0001.fits
SecZ=1.34
Focus=-6.096
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.967 -6.081 -4.239
T123=6.9 7.5 9.4
ALT/AZ=48.4 115.1
fwAVG=3.36
sdW=76.3
fwW=3.26
sdS=7.1
fwS=3.34
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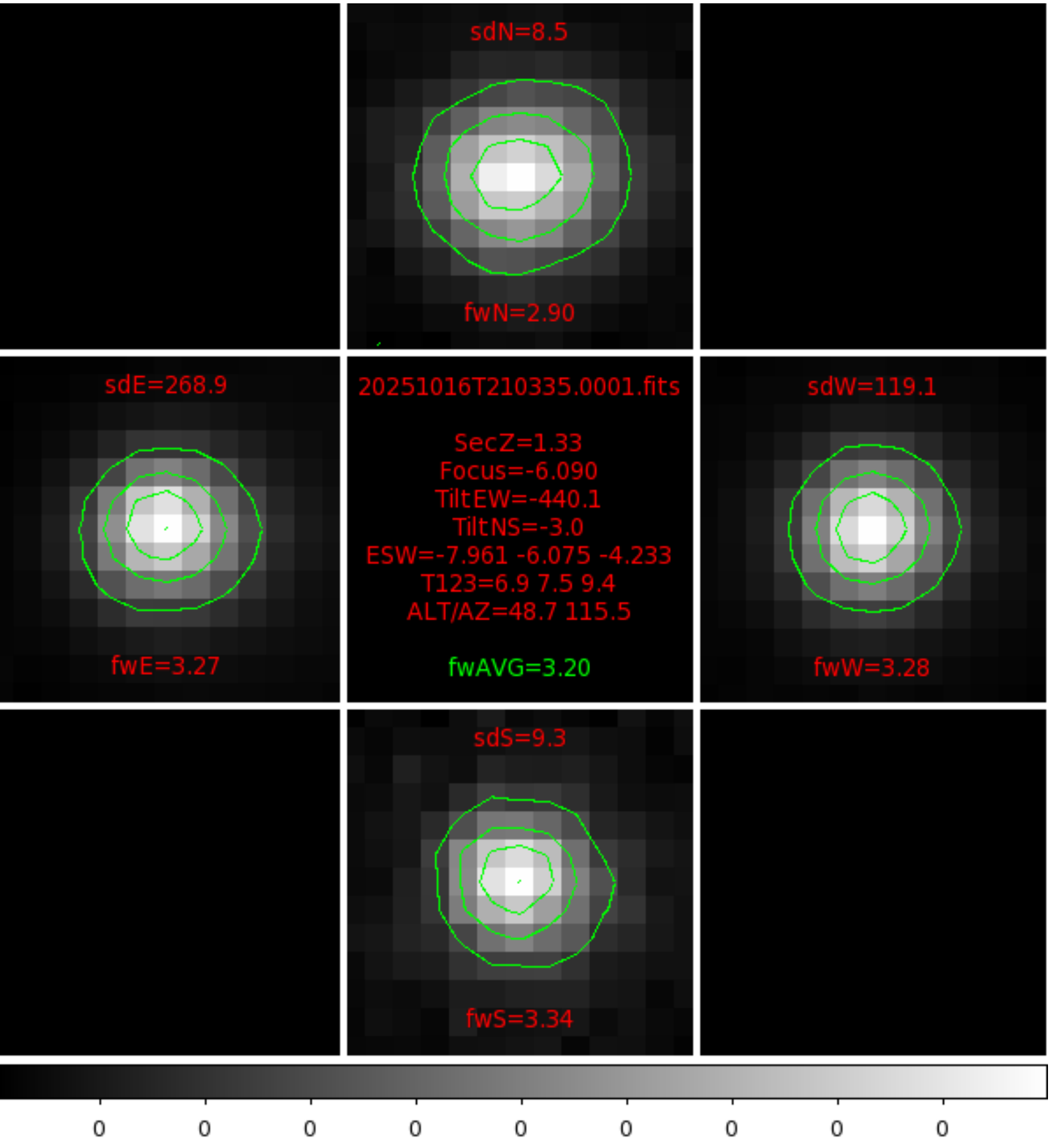
sdN=8.5
fwN=2.90
sdE=268.9
fwE=3.27
20251016T210335.0001.fits
SecZ=1.33
Focus=-6.090
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.961 -6.075 -4.233
T123=6.9 7.5 9.4
ALT/AZ=48.7 115.5
fwAVG=3.20
sdW=119.1
fwW=3.28
sdS=9.3
fwS=3.34
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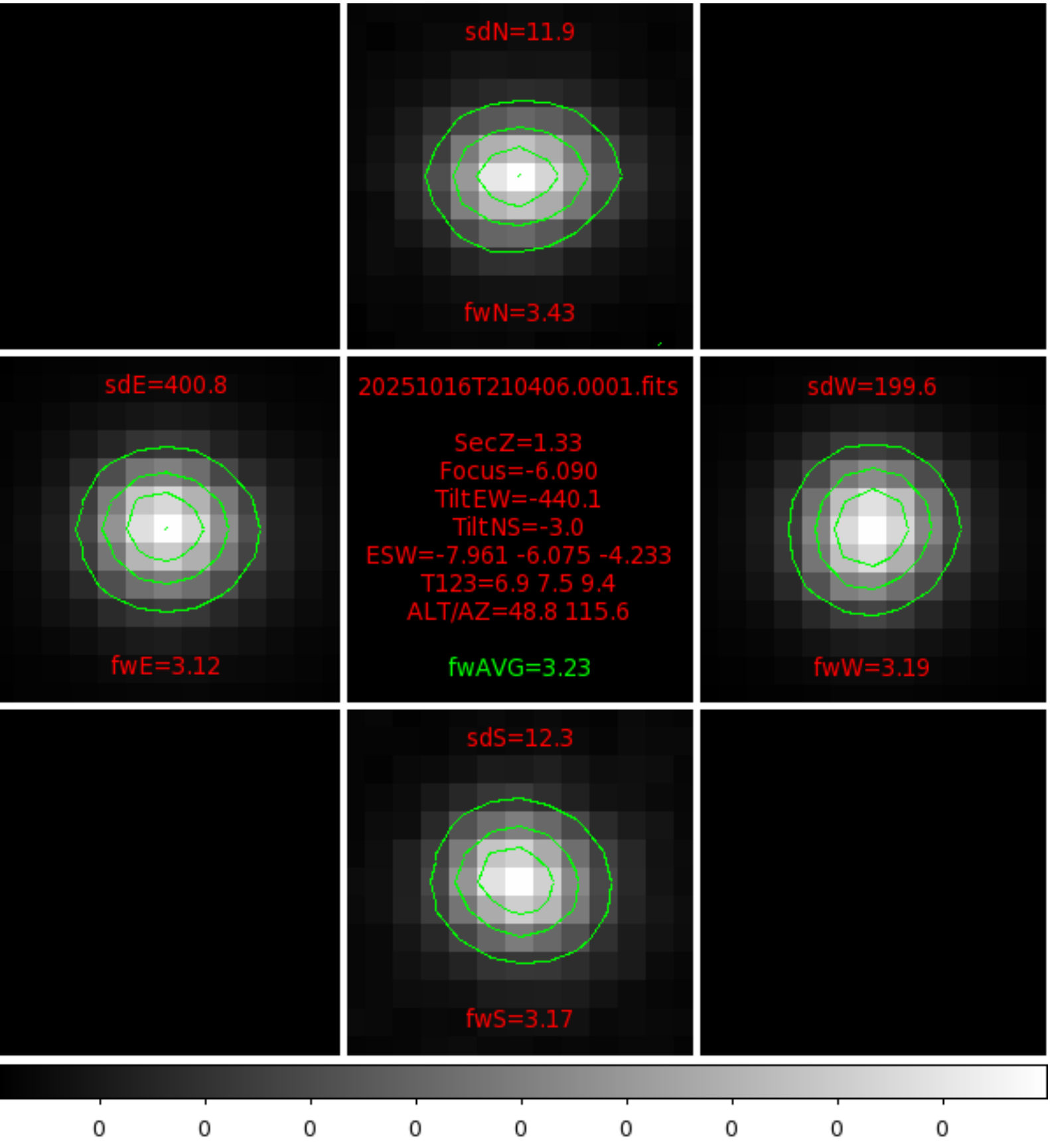
sdN=11.9
fwN=3.43
sdE=400.8
fwE=3.12
20251016T210406.0001.fits
SecZ=1.33
Focus=-6.090
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.961 -6.075 -4.233
T123=6.9 7.5 9.4
ALT/AZ=48.8 115.6
fwAVG=3.23
sdW=199.6
fwW=3.19
sdS=12.3
fwS=3.17
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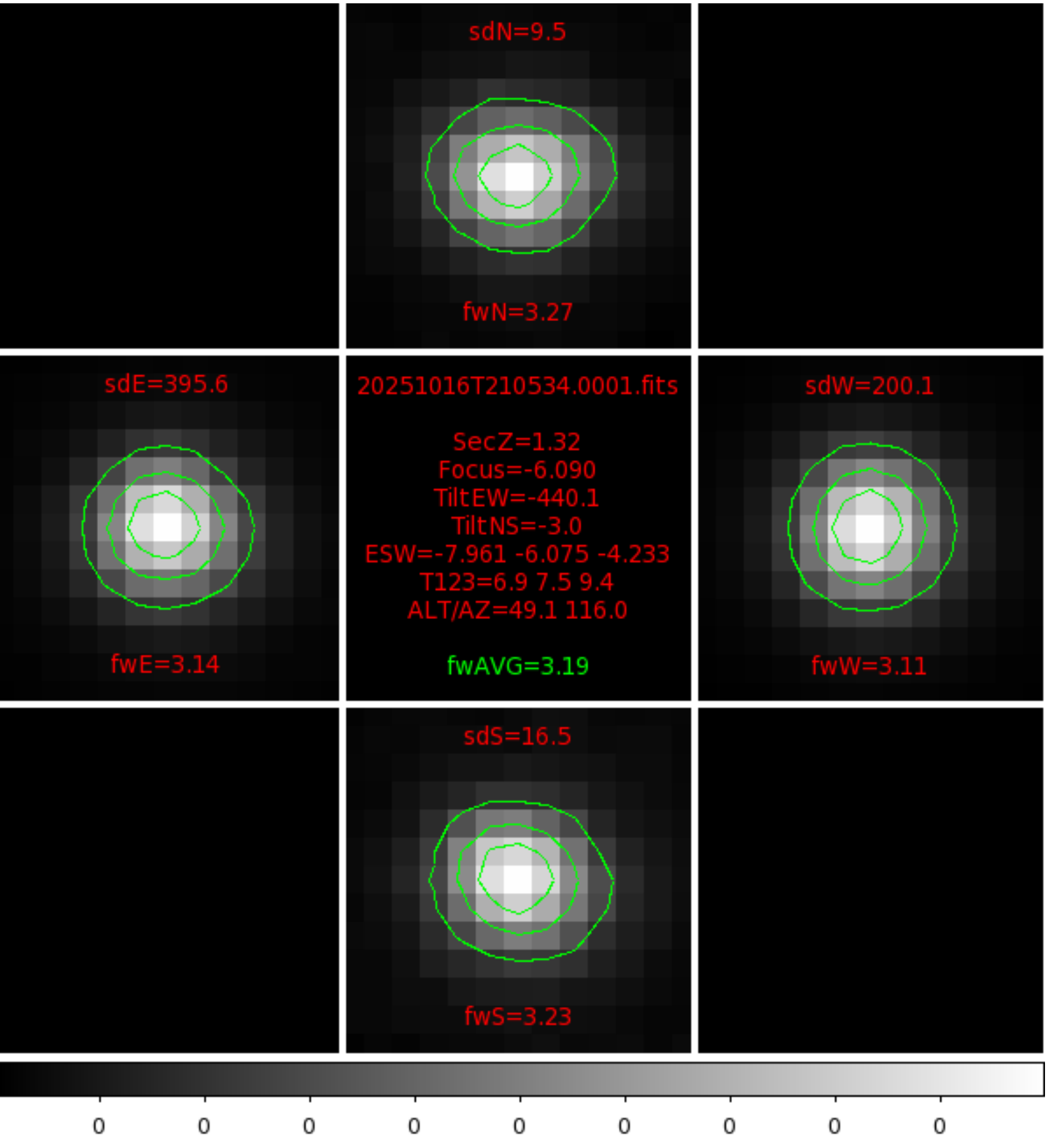
sdN=9.5
fwN=3.27
sdE=395.6
fwE=3.14
20251016T210534.0001.fits
SecZ=1.32
Focus=-6.090
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.961 -6.075 -4.233
T123=6.9 7.5 9.4
ALT/AZ=49.1 116.0
fwAVG=3.19
sdW=200.1
fwW=3.11
sdS=16.5
fwS=3.23
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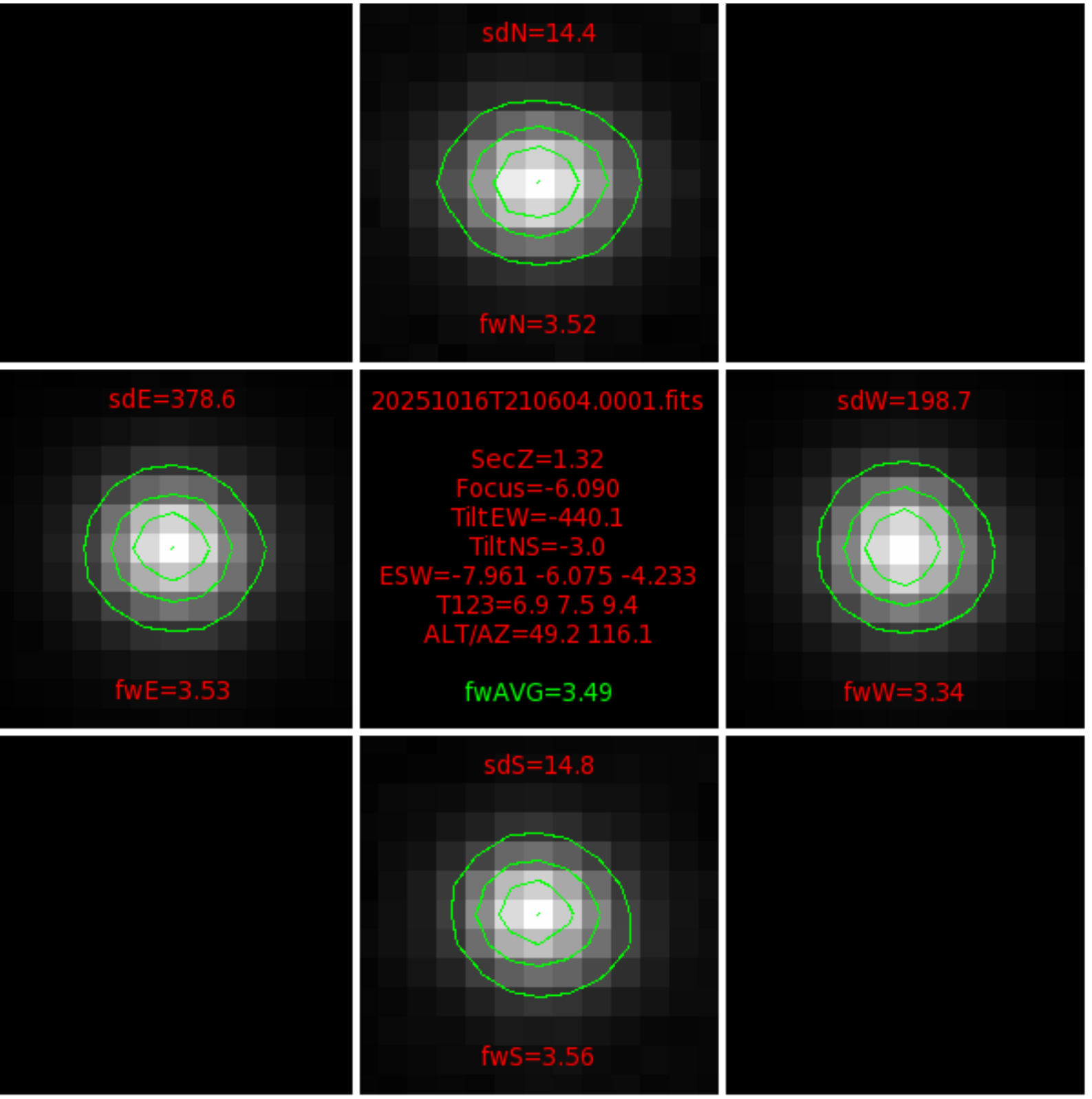
sdN=14.4
fwN=3.52
sdE=378.6
fwE=3.53
20251016T210604.0001.fits
SecZ=1.32
Focus=-6.090
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.961 -6.075 -4.233
T123=6.9 7.5 9.4
ALT/AZ=49.2 116.1
fwAVG=3.49
sdW=198.7
fwW=3.34
sdS=14.8
fwS=3.56
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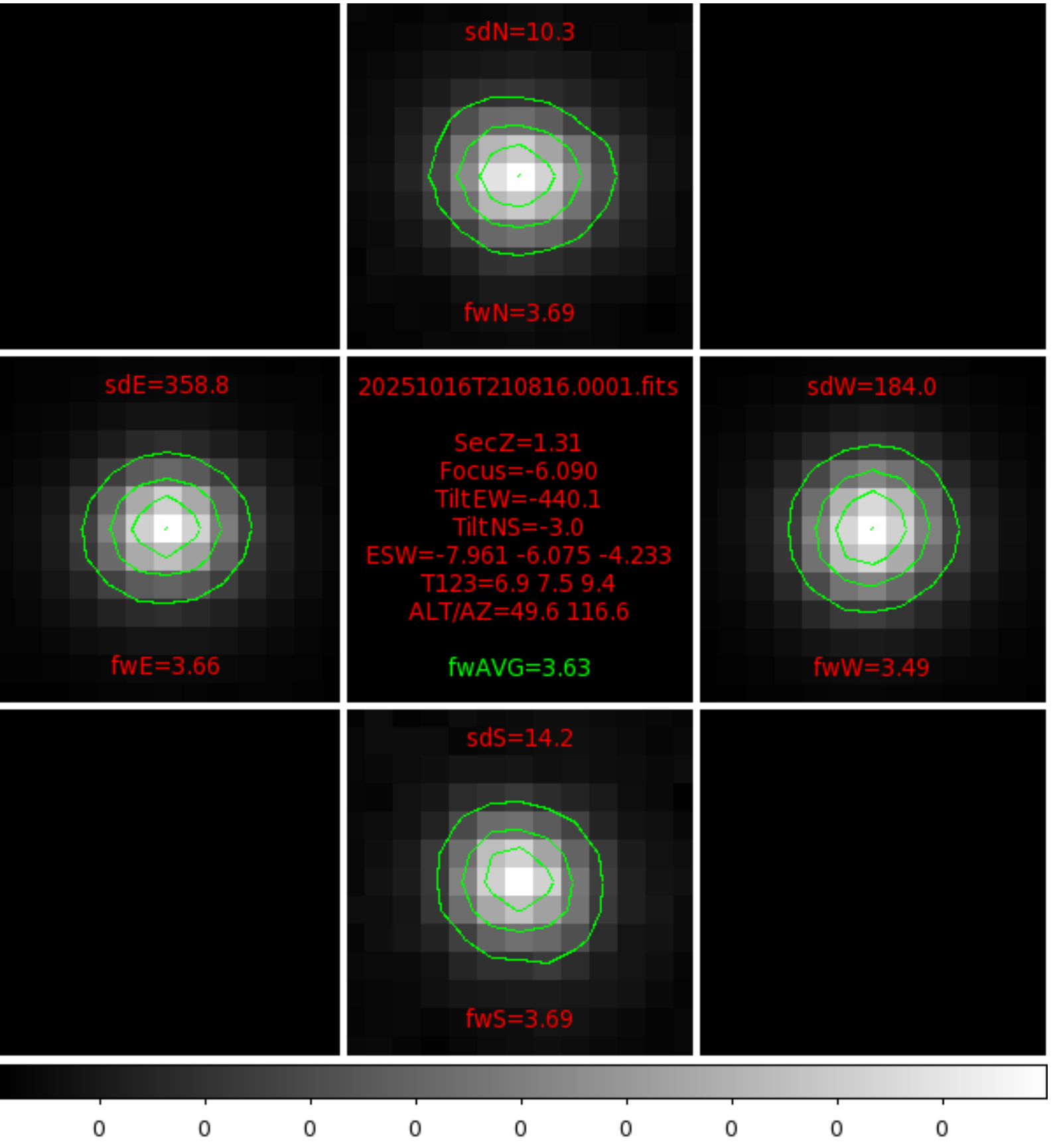
sdN=10.3
fwN=3.69
sdE=358.8
fwE=3.66
20251016T210816.0001.fits
SecZ=1.31
Focus=-6.090
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.961 -6.075 -4.233
T123=6.9 7.5 9.4
ALT/AZ=49.6 116.6
fwAVG=3.63
sdW=184.0
fwW=3.49
sdS=14.2
fwS=3.69
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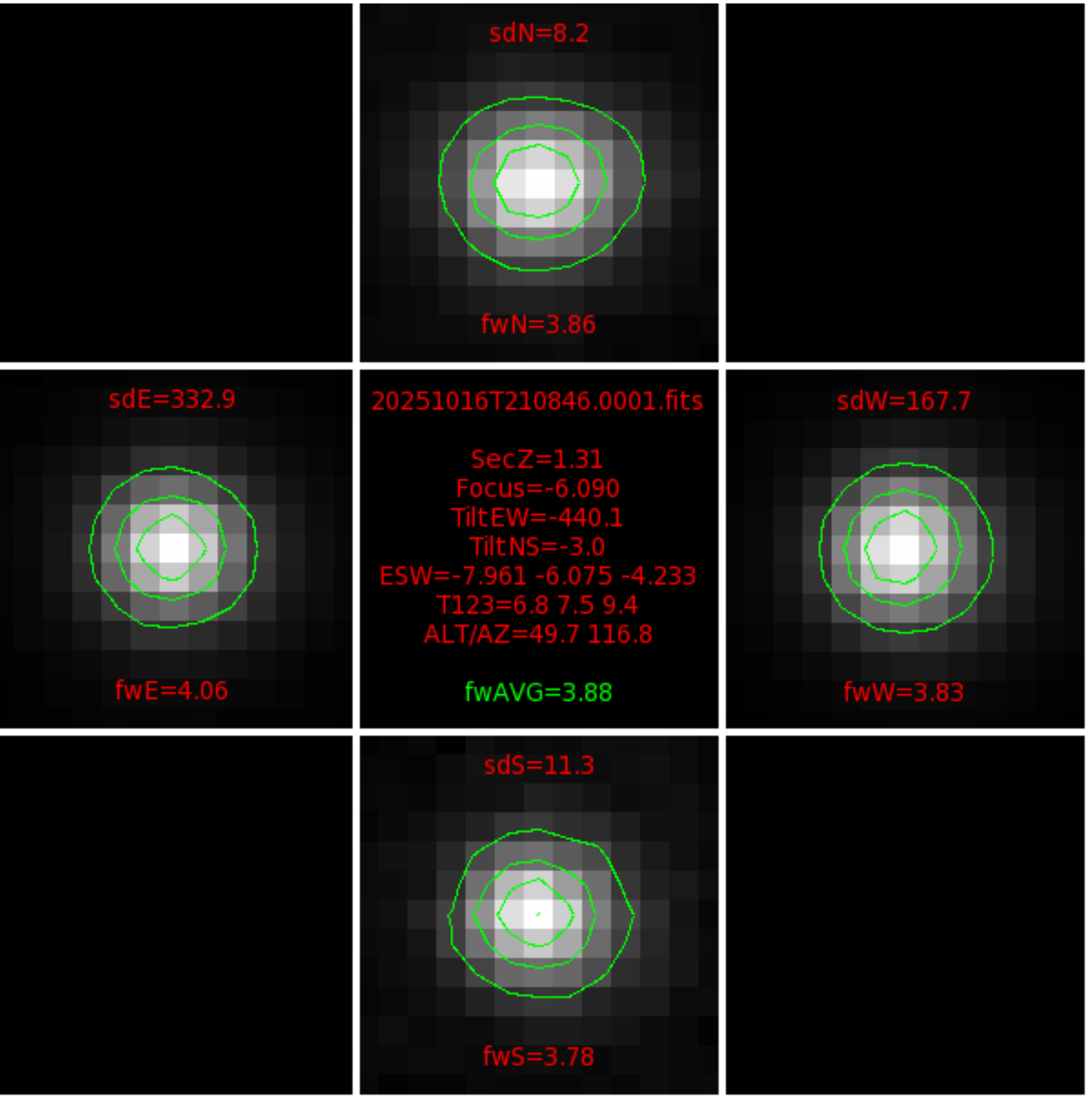
sdN=8.2
fwN=3.86
sdE=332.9
fwE=4.06
20251016T210846.0001.fits
SecZ=1.31
Focus=-6.090
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.961 -6.075 -4.233
T123=6.8 7.5 9.4
ALT/AZ=49.7 116.8
fwAVG=3.88
sdW=167.7
fwW=3.83
sdS=11.3
fwS=3.78
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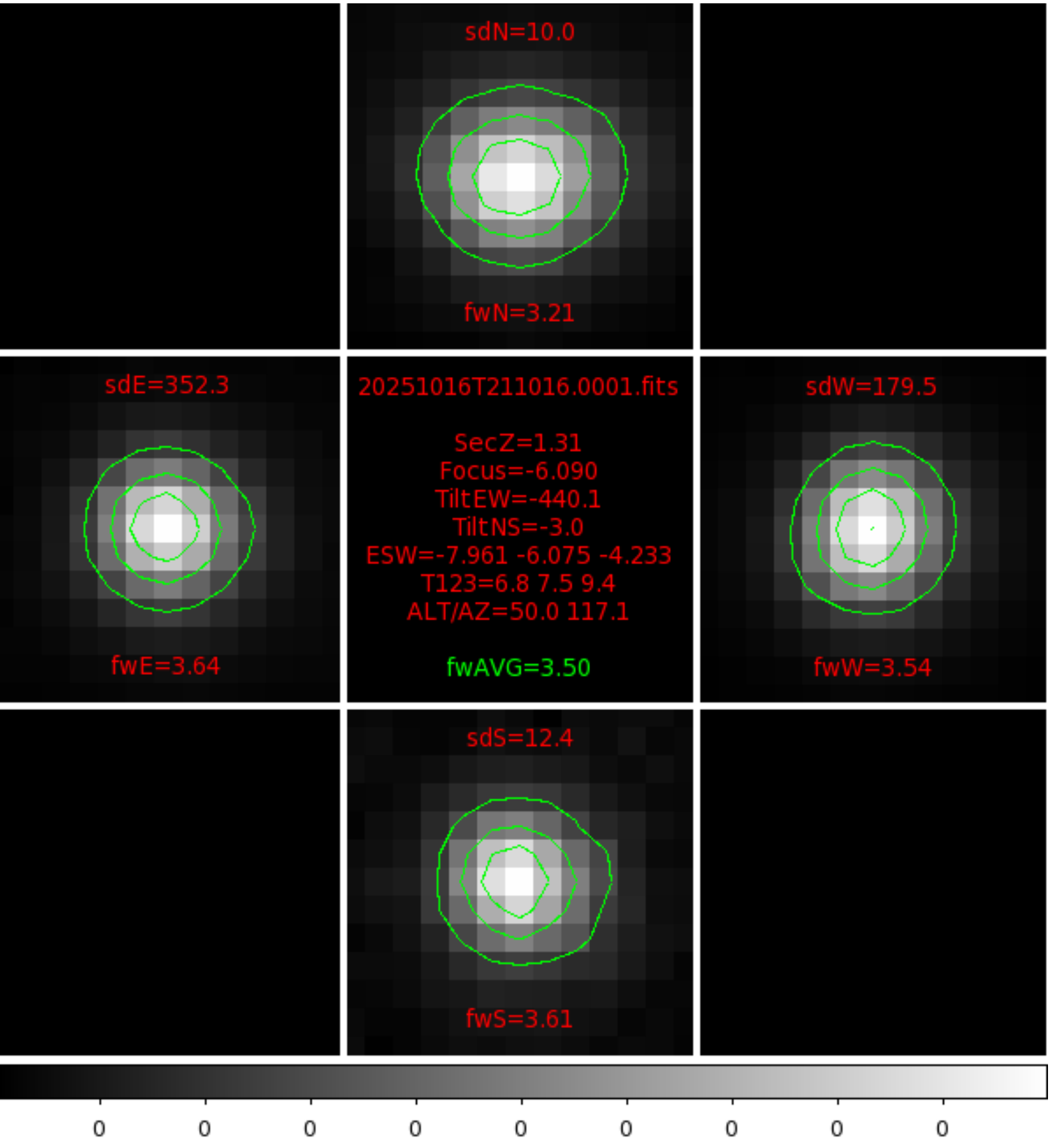
sdN=10.0
fwN=3.21
sdE=352.3
fwE=3.64
20251016T211016.0001.fits
SecZ=1.31
Focus=-6.090
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.961 -6.075 -4.233
T123=6.8 7.5 9.4
ALT/AZ=50.0 117.1
fwAVG=3.50
sdW=179.5
fwW=3.54
sdS=12.4
fwS=3.61
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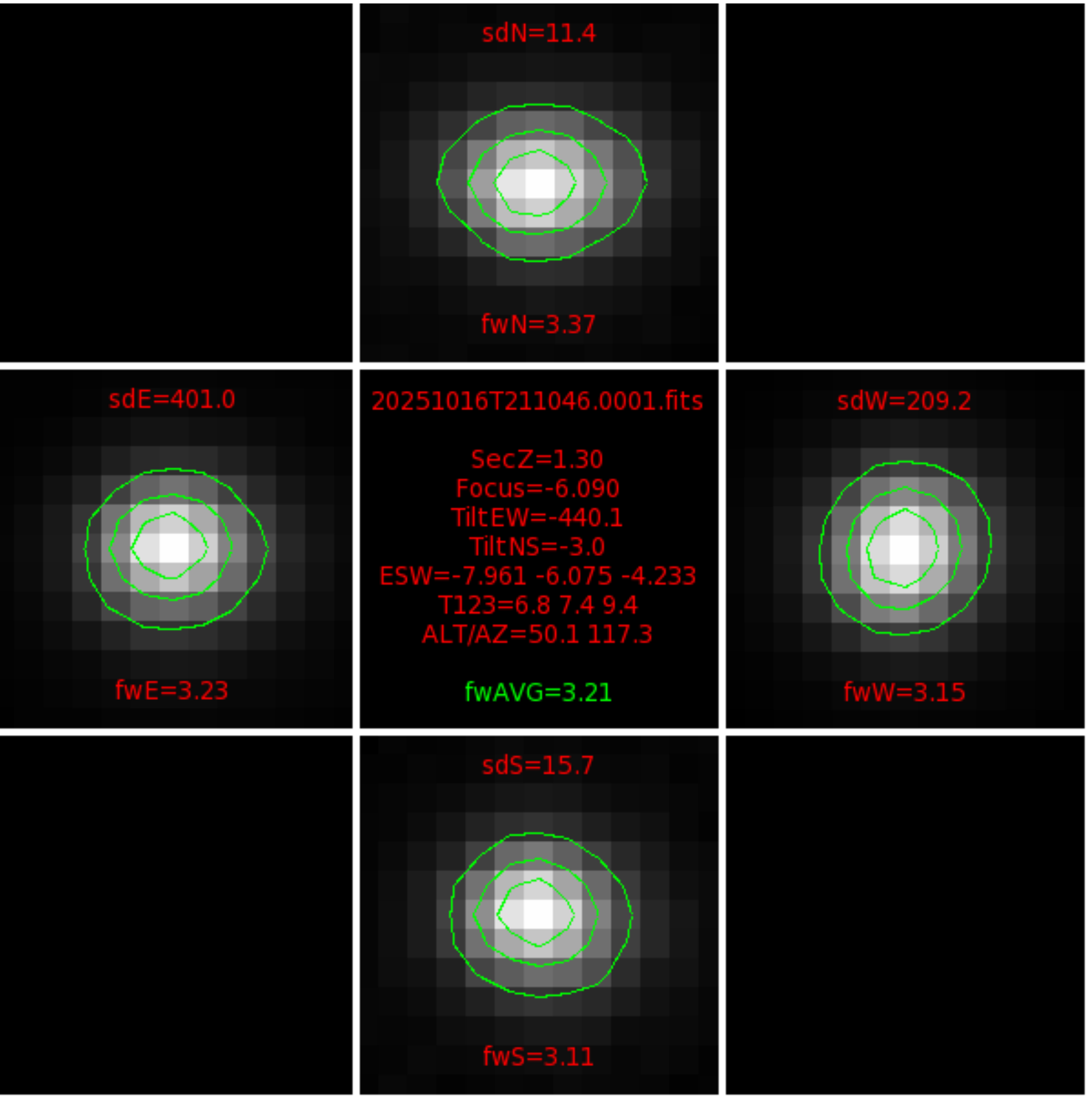
sdN=11.4
fwN=3.37
sdE=401.0
fwE=3.23
20251016T211046.0001.fits
SecZ=1.30
Focus=-6.090
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.961 -6.075 -4.233
T123=6.8 7.4 9.4
ALT/AZ=50.1 117.3
fwAVG=3.21
sdW=209.2
fwW=3.15
sdS=15.7
fwS=3.11
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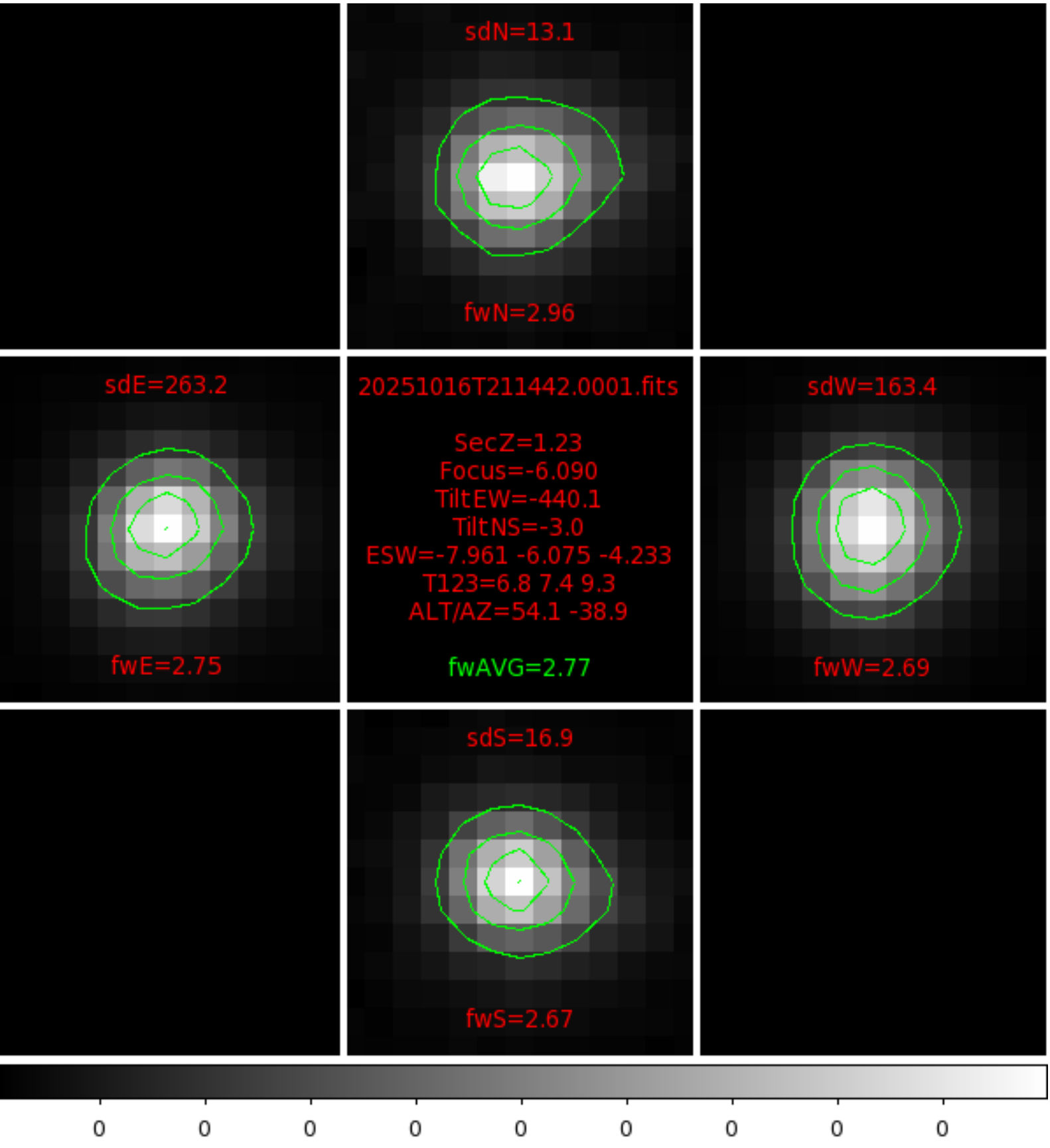
sdN=13.1
fwN=2.96
sdE=263.2
fwE=2.75
20251016T211442.0001.fits
SecZ=1.23
Focus=-6.090
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.961 -6.075 -4.233
T123=6.8 7.4 9.3
ALT/AZ=54.1 -38.9
fwAVG=2.77
sdW=163.4
fwW=2.69
sdS=16.9
fwS=2.67
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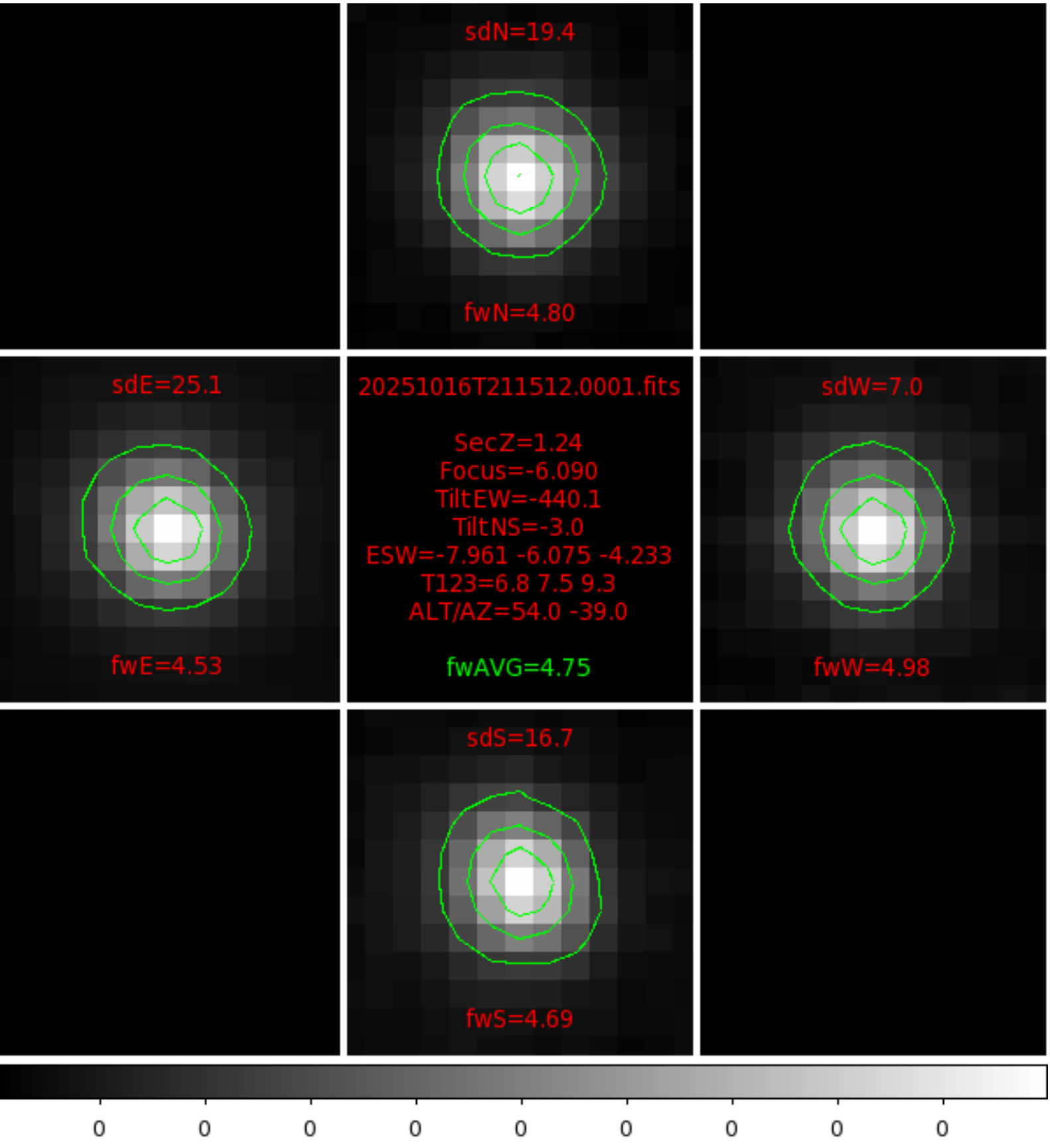
sdN=19.4
fwN=4.80
sdE=25.1
fwE=4.53
20251016T211512.0001.fits
SecZ=1.24
Focus=-6.090
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.961 -6.075 -4.233
T123=6.8 7.5 9.3
ALT/AZ=54.0 -39.0
fwAVG=4.75
sdW=7.0
fwW=4.98
sdS=16.7
fwS=4.69
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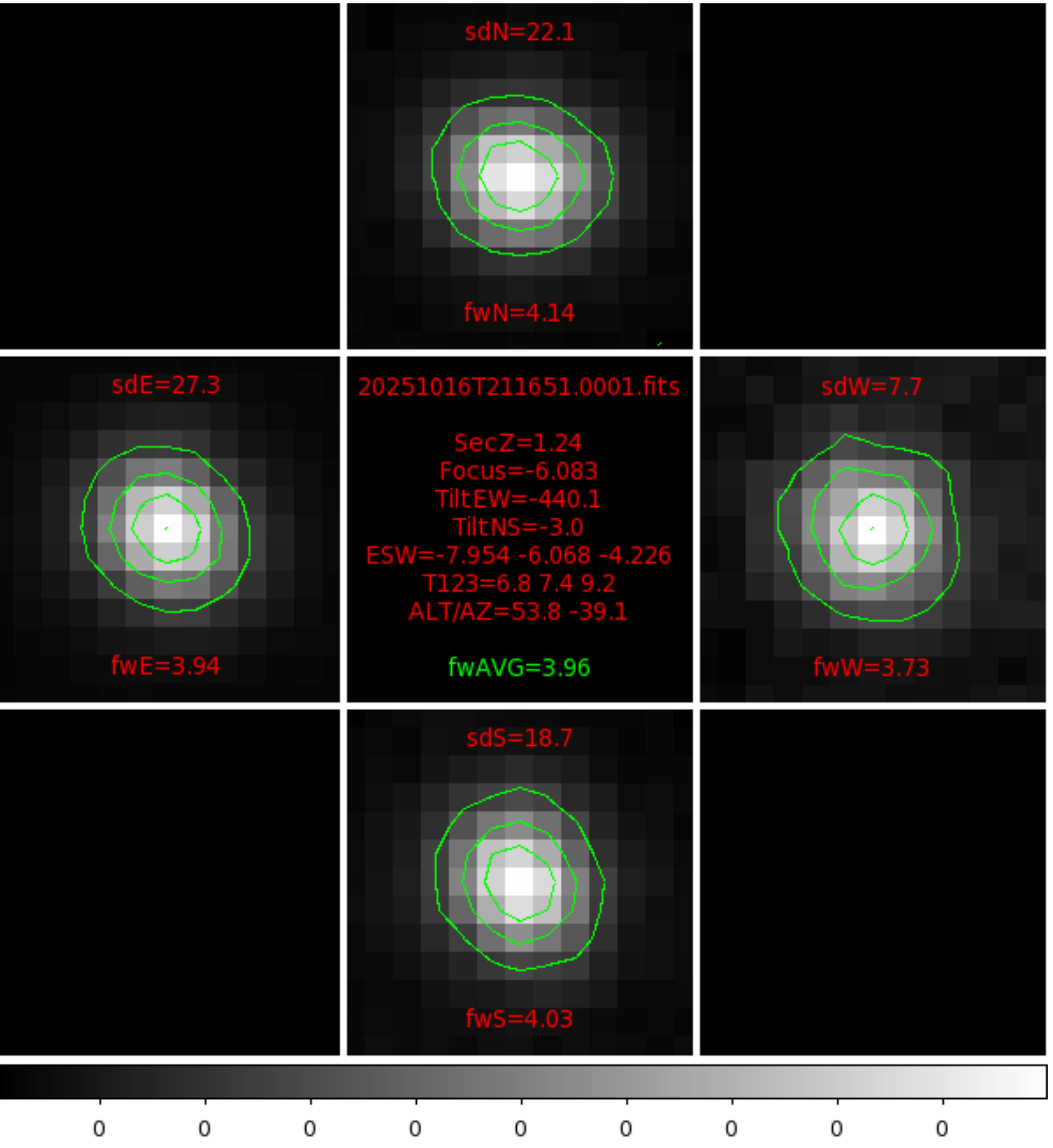
sdN=22.1
fwN=4.14
sdE=27.3
fwE=3.94
20251016T211651.0001.fits
SecZ=1.24
Focus=-6.083
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.954 -6.068 -4.226
T123=6.8 7.4 9.2
ALT/AZ=53.8 -39.1
fwAVG=3.96
sdW=7.7
fwW=3.73
sdS=18.7
fwS=4.03
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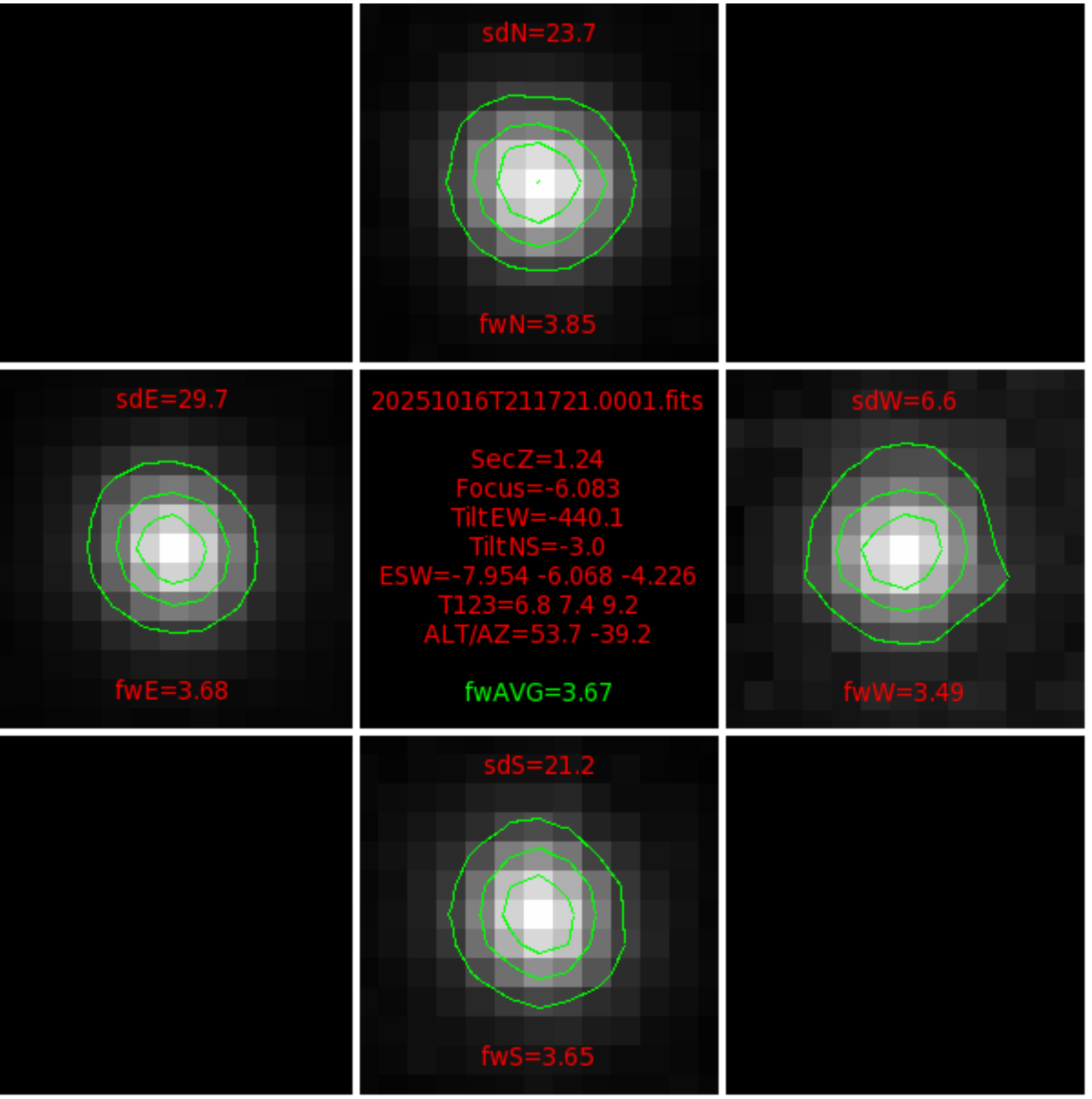
sdN=23.7
fwN=3.85
sdE=29.7
fwE=3.68
20251016T211721.0001.fits
SecZ=1.24
Focus=-6.083
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.954 -6.068 -4.226
T123=6.8 7.4 9.2
ALT/AZ=53.7 -39.2
fwAVG=3.67
sdW=6.6
fwW=3.49
sdS=21.2
fwS=3.65
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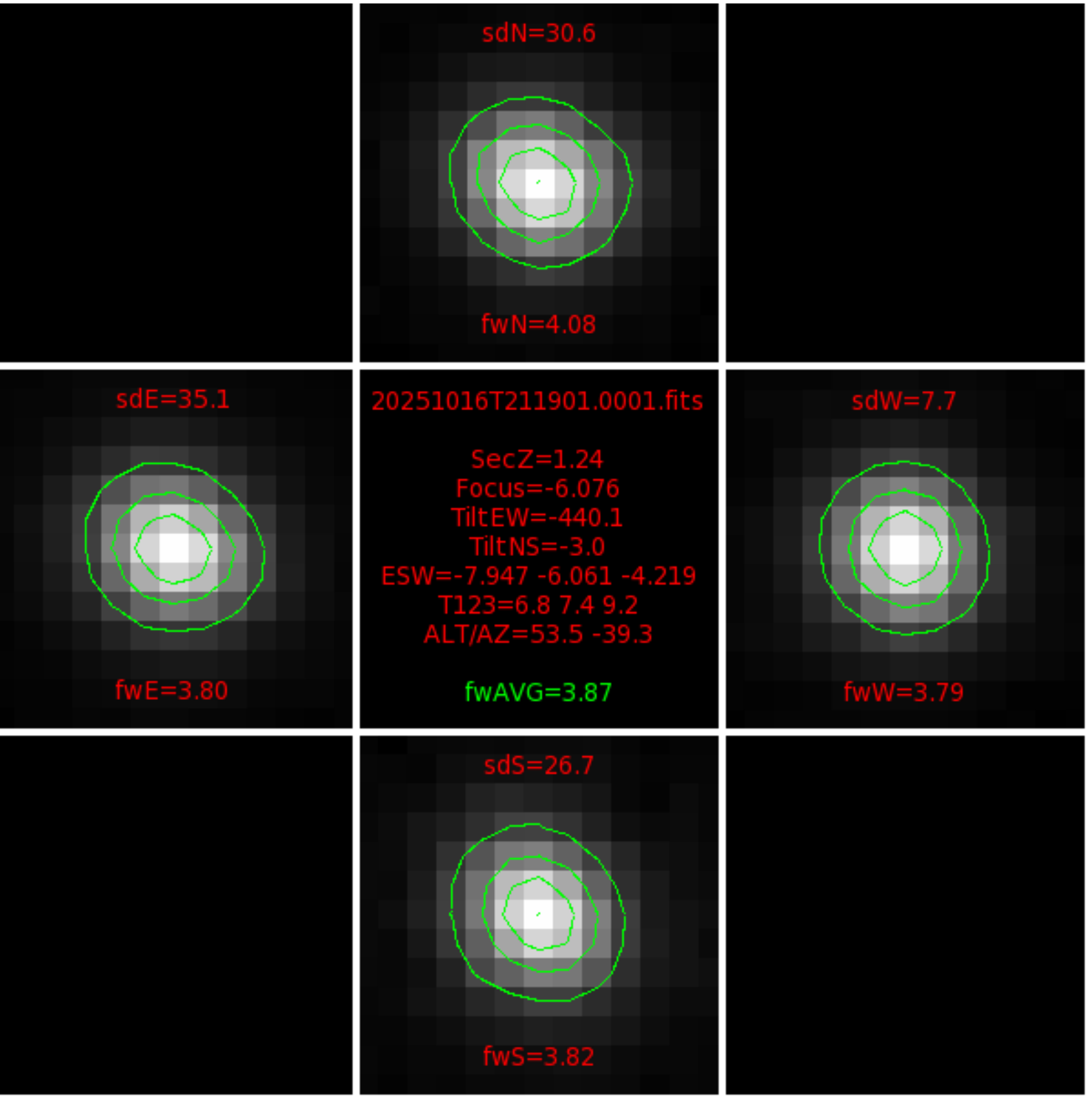
sdN=30.6
fwN=4.08
sdE=35.1
fwE=3.80
20251016T211901.0001.fits
SecZ=1.24
Focus=-6.076
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.947 -6.061 -4.219
T123=6.8 7.4 9.2
ALT/AZ=53.5 -39.3
fwAVG=3.87
sdW=7.7
fwW=3.79
sdS=26.7
fwS=3.82
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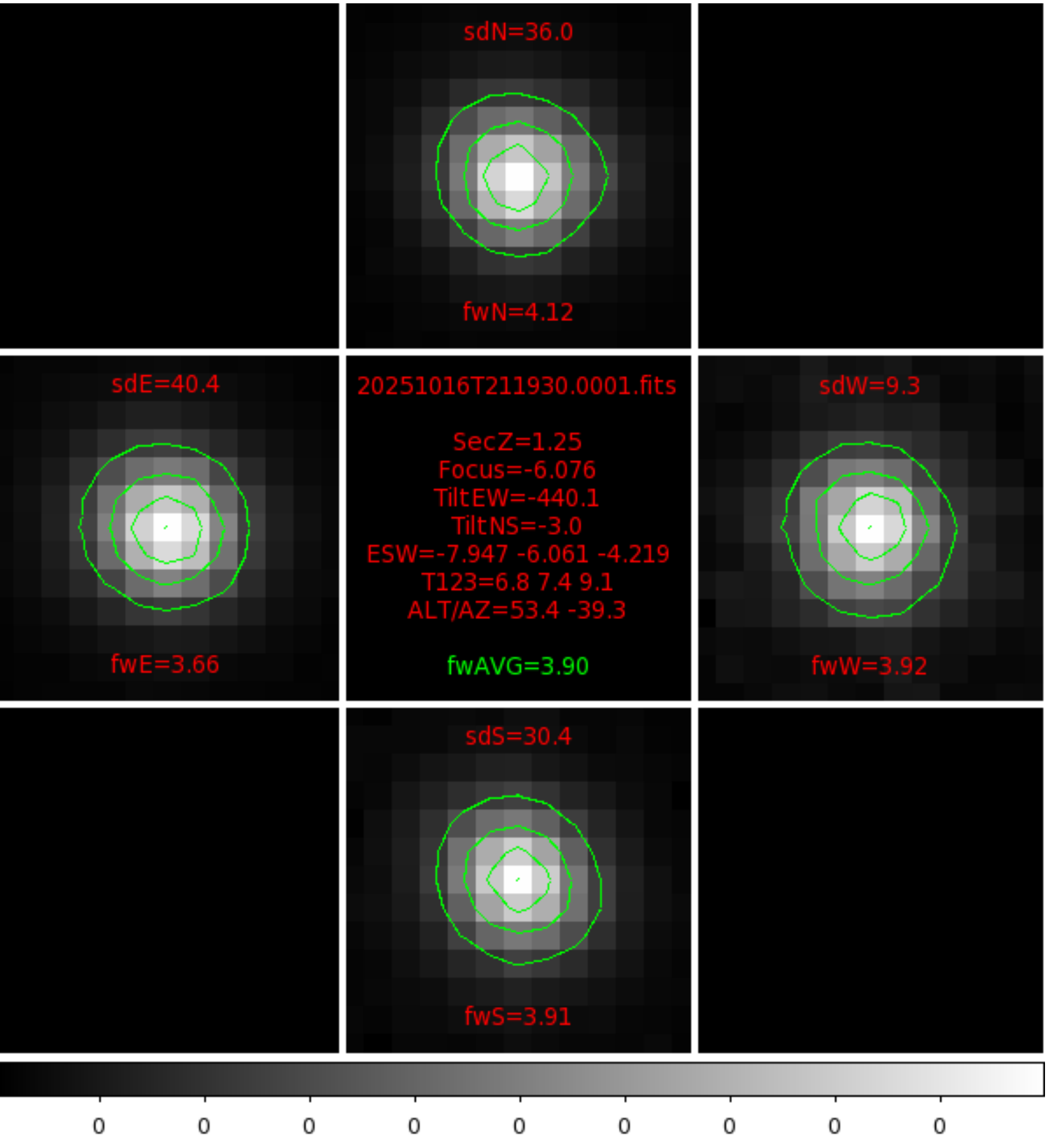
sdN=36.0
fwN=4.12
sdE=40.4
fwE=3.66
20251016T211930.0001.fits
SecZ=1.25
Focus=-6.076
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.947 -6.061 -4.219
T123=6.8 7.4 9.1
ALT/AZ=53.4 -39.3
fwAVG=3.90
sdW=9.3
fwW=3.92
sdS=30.4
fwS=3.91
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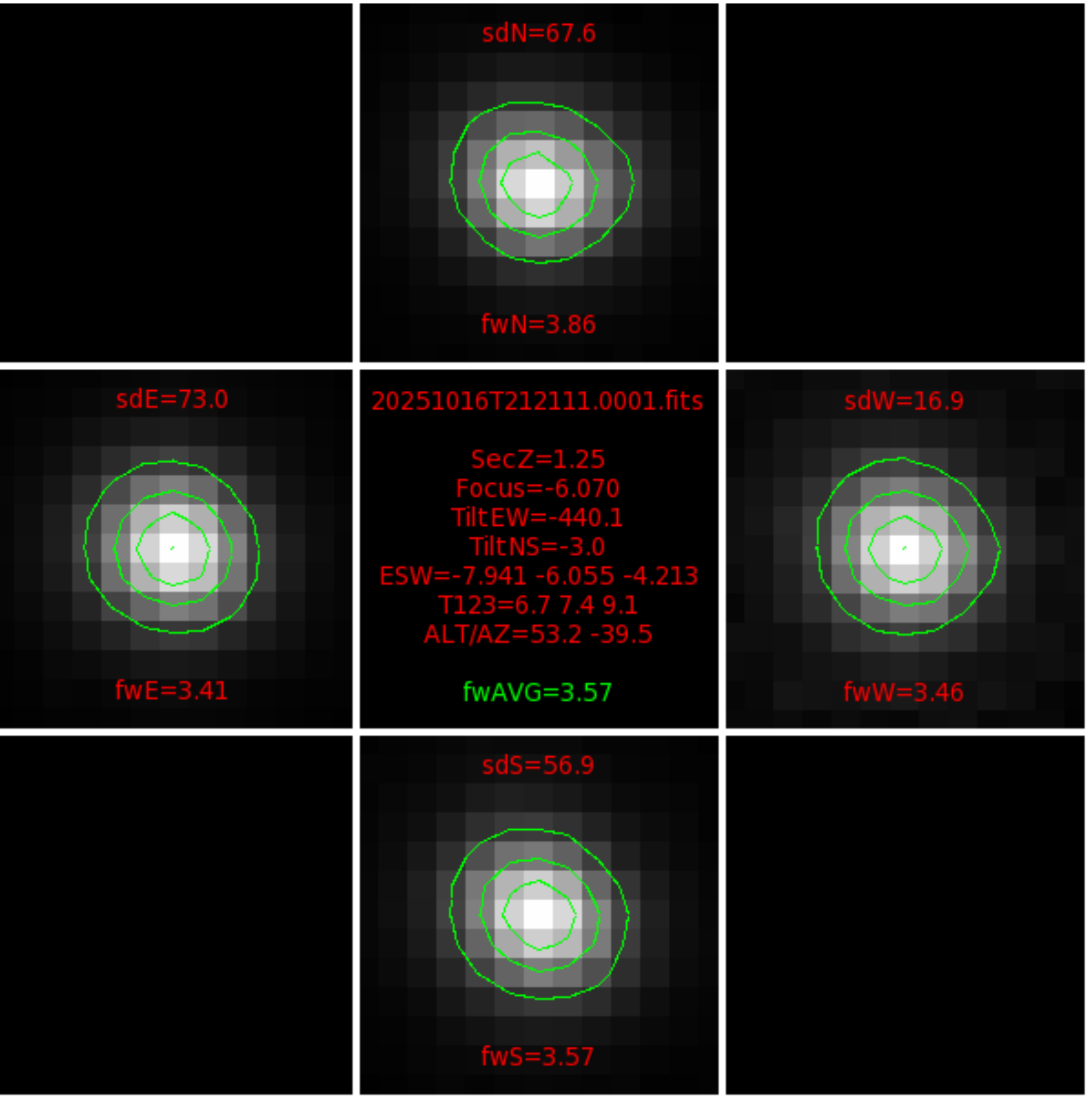
sdN=67.6
fwN=3.86
sdE=73.0
fwE=3.41
20251016T212111.0001.fits
SecZ=1.25
Focus=-6.070
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.941 -6.055 -4.213
T123=6.7 7.4 9.1
ALT/AZ=53.2 -39.5
fwAVG=3.57
sdW=16.9
fwW=3.46
sdS=56.9
fwS=3.57
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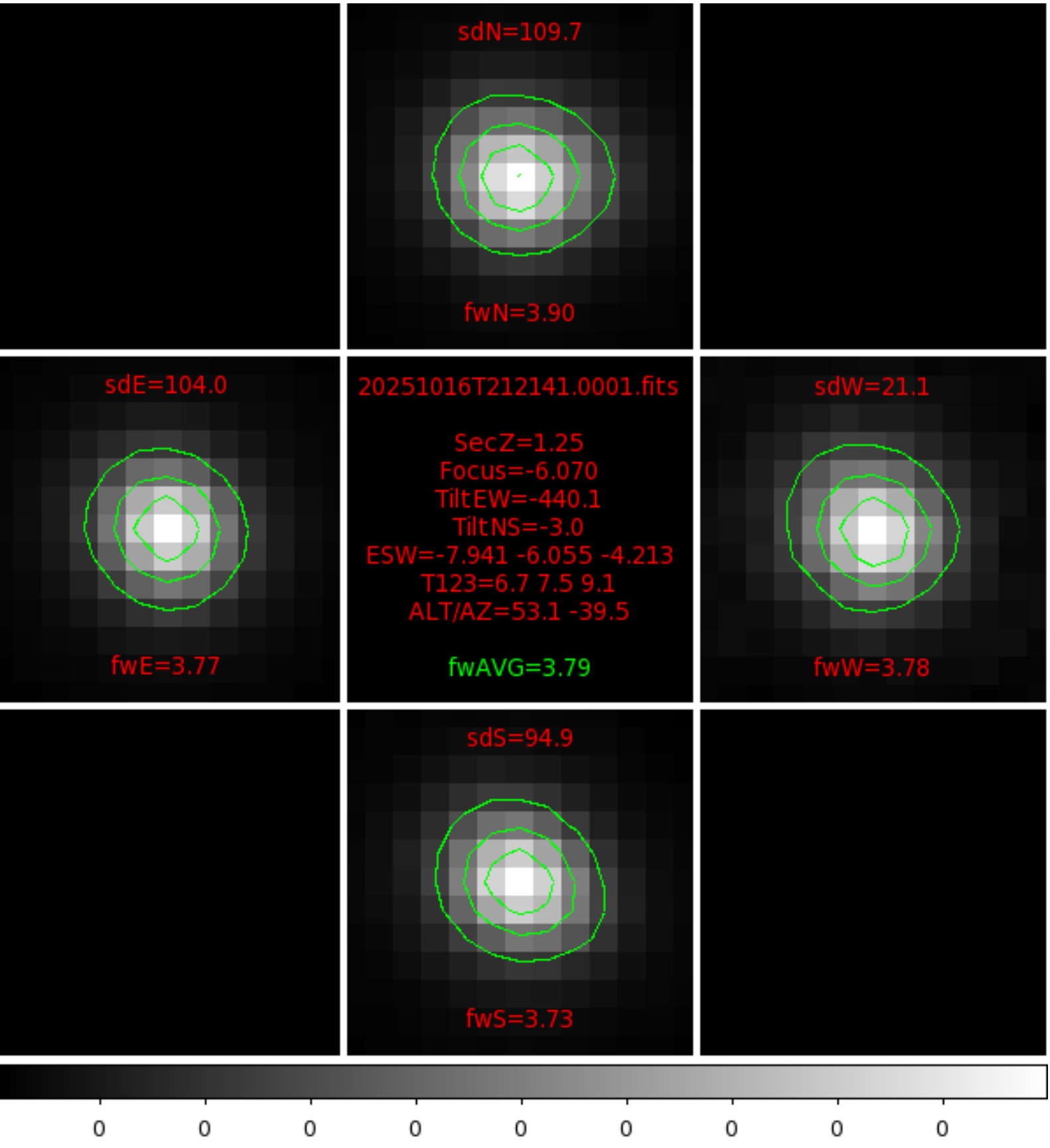
sdN=109.7
fwN=3.90
sdE=104.0
fwE=3.77
20251016T212141.0001.fits
SecZ=1.25
Focus=-6.070
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.941 -6.055 -4.213
T123=6.7 7.5 9.1
ALT/AZ=53.1 -39.5
fwAVG=3.79
sdW=21.1
fwW=3.78
sdS=94.9
fwS=3.73
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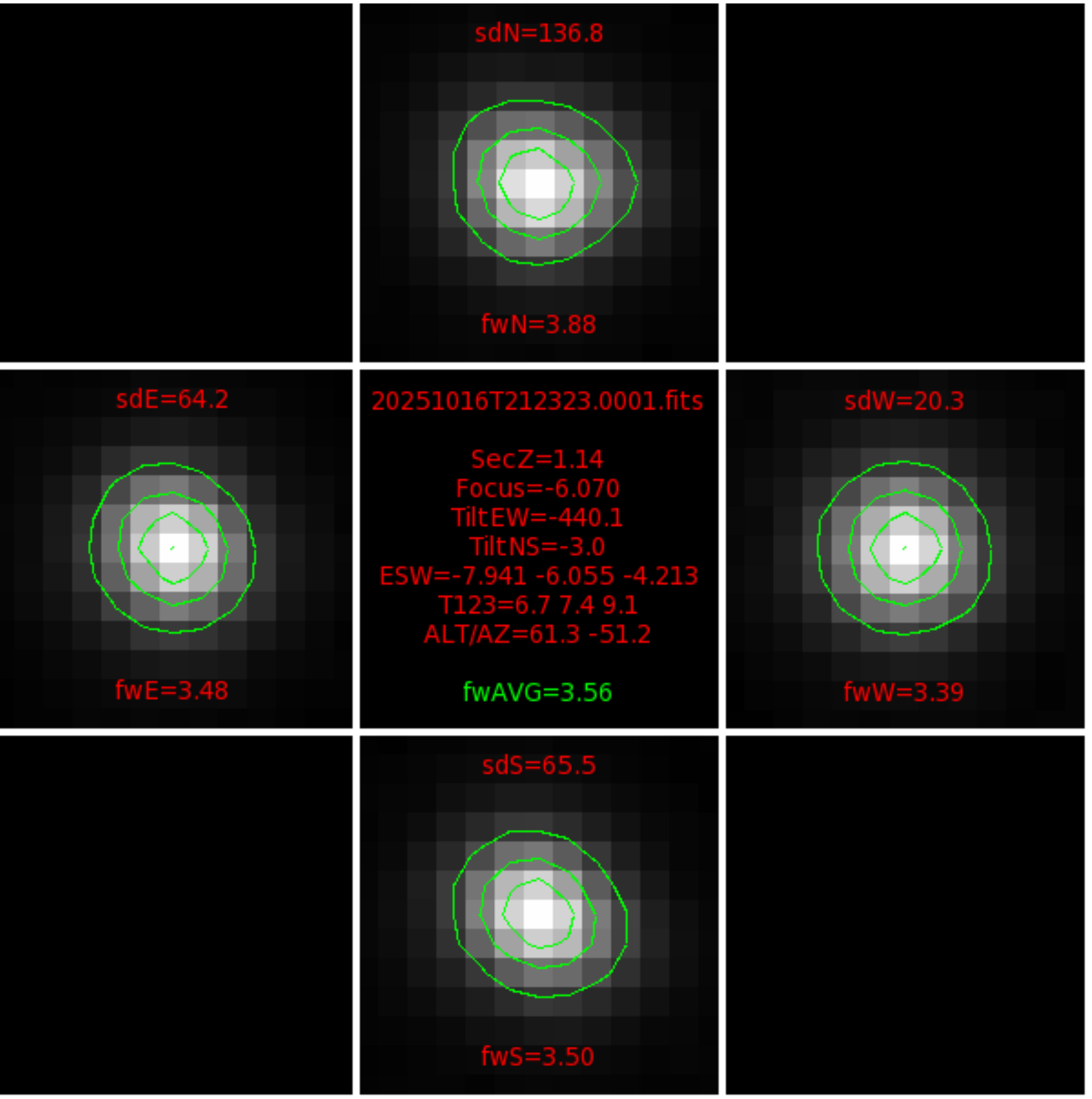
sdN=136.8
fwN=3.88
sdE=64.2
fwE=3.48
20251016T212323.0001.fits
SecZ=1.14
Focus=-6.070
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.941 -6.055 -4.213
T123=6.7 7.4 9.1
ALT/AZ=61.3 -51.2
fwAVG=3.56
sdW=20.3
fwW=3.39
sdS=65.5
fwS=3.50
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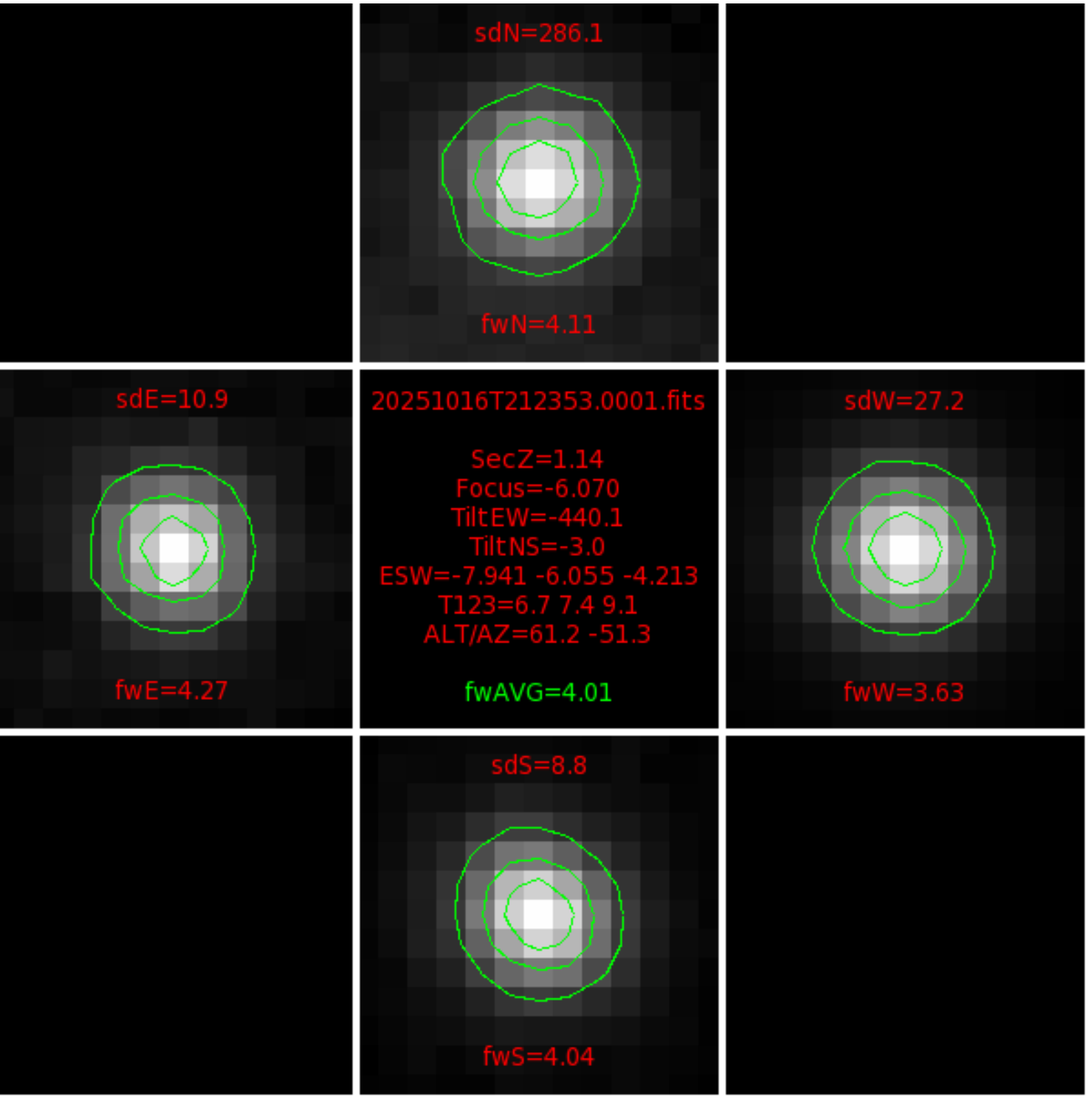
sdN=286.1
fwN=4.11
sdE=10.9
fwE=4.27
20251016T212353.0001.fits
SecZ=1.14
Focus=-6.070
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.941 -6.055 -4.213
T123=6.7 7.4 9.1
ALT/AZ=61.2 -51.3
fwAVG=4.01
sdW=27.2
fwW=3.63
sdS=8.8
fwS=4.04
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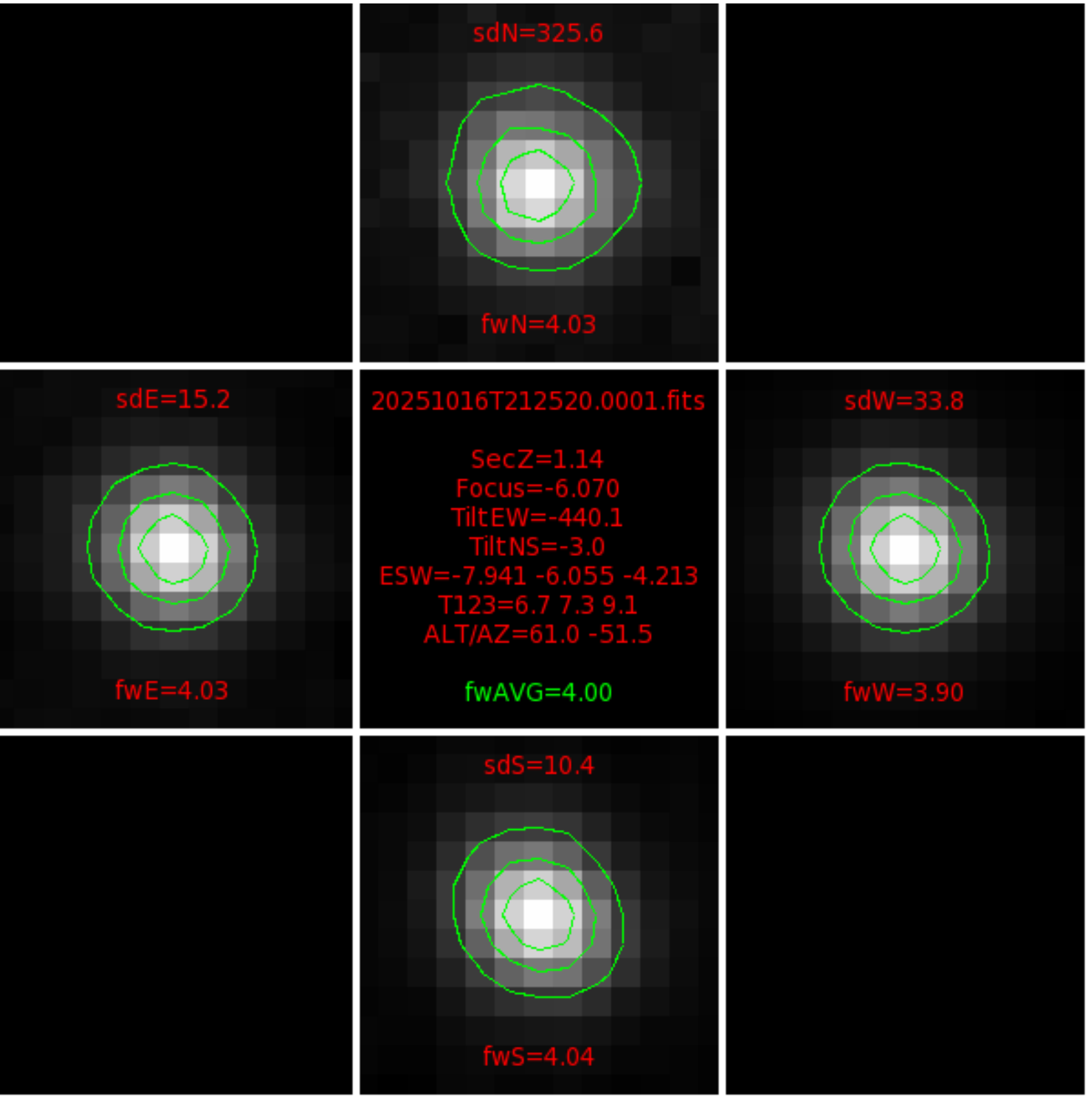
sdN=325.6
fwN=4.03
sdE=15.2
fwE=4.03
20251016T212520.0001.fits
SecZ=1.14
Focus=-6.070
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.941 -6.055 -4.213
T123=6.7 7.3 9.1
ALT/AZ=61.0 -51.5
fwAVG=4.00
sdW=33.8
fwW=3.90
sdS=10.4
fwS=4.04
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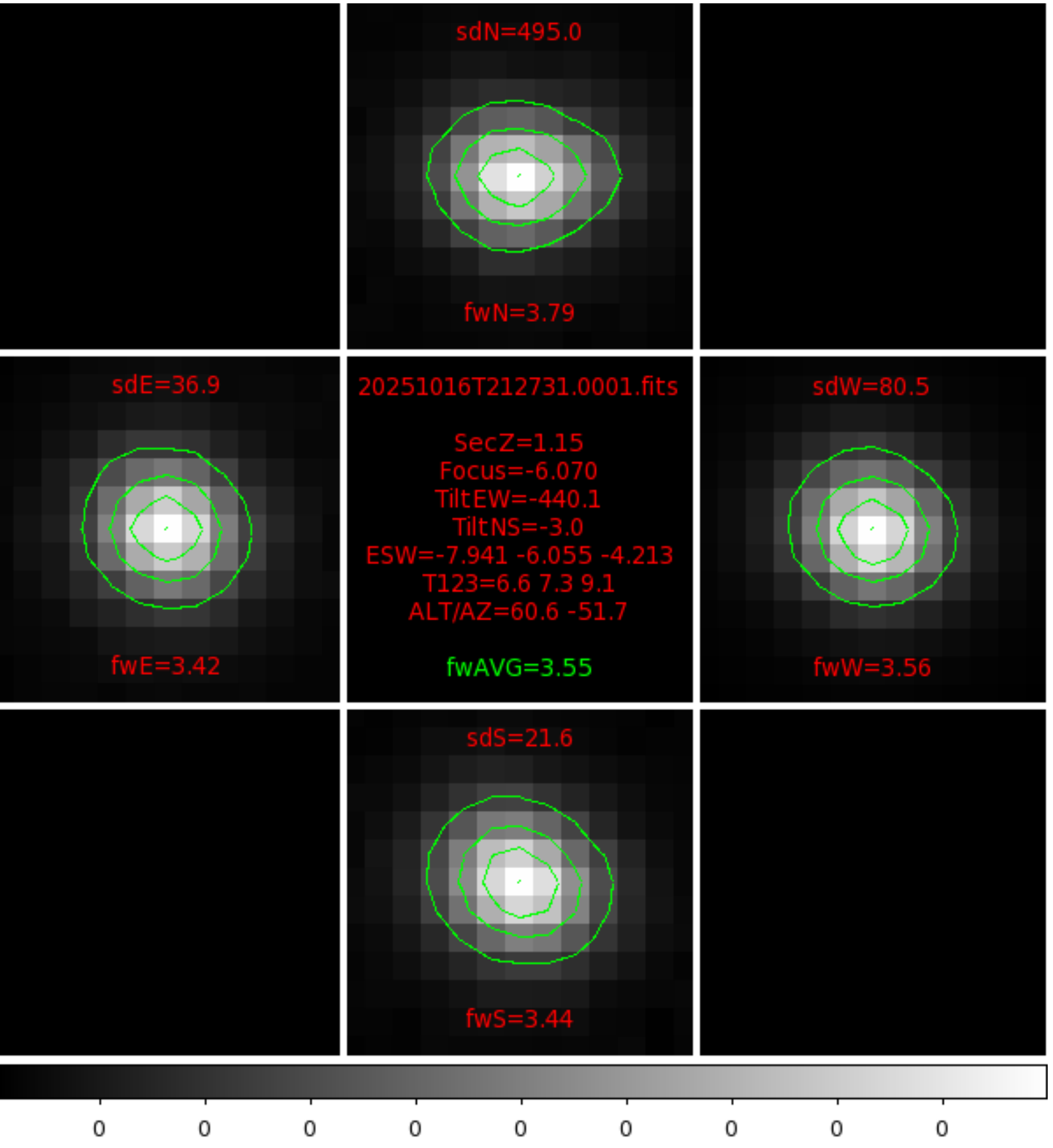
sdN=495.0
fwN=3.79
sdE=36.9
fwE=3.42
20251016T212731.0001.fits
SecZ=1.15
Focus=-6.070
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.941 -6.055 -4.213
T123=6.6 7.3 9.1
ALT/AZ=60.6 -51.7
fwAVG=3.55
sdW=80.5
fwW=3.56
sdS=21.6
fwS=3.44
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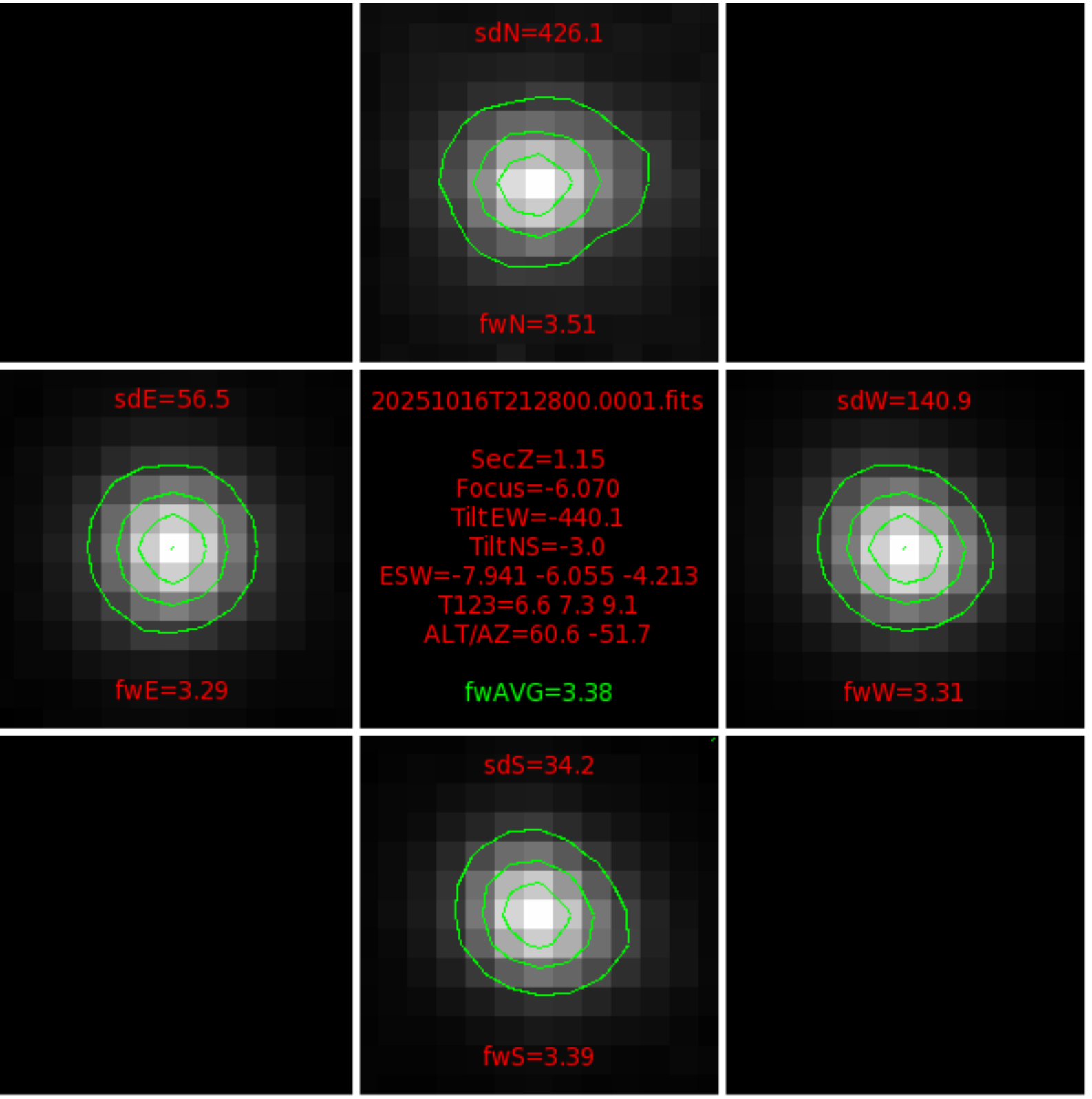
sdN=426.1
fwN=3.51
sdE=56.5
fwE=3.29
20251016T212800.0001.fits
SecZ=1.15
Focus=-6.070
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.941 -6.055 -4.213
T123=6.6 7.3 9.1
ALT/AZ=60.6 -51.7
fwAVG=3.38
sdW=140.9
fwW=3.31
sdS=34.2
fwS=3.39
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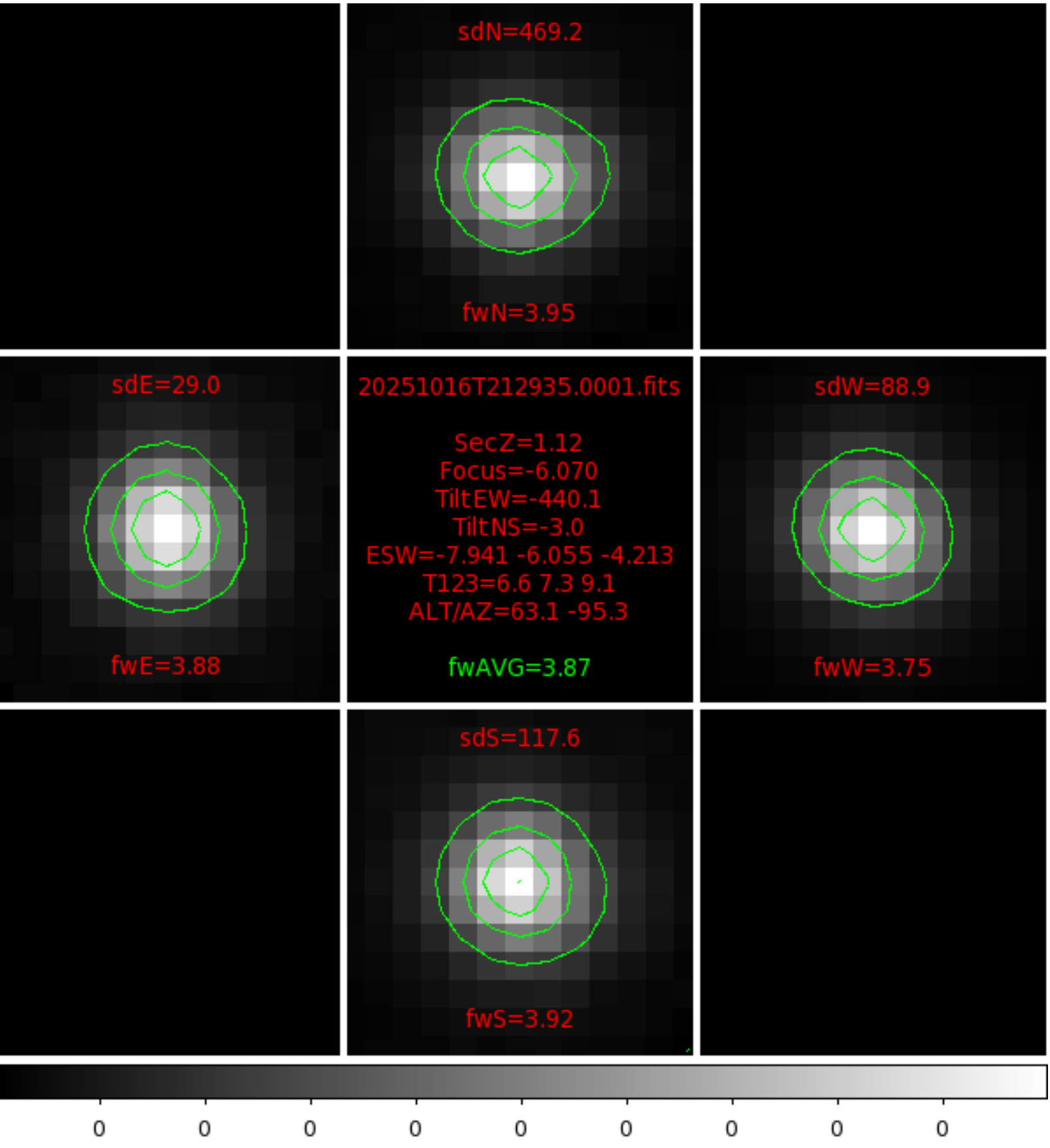
sdN=469.2
fwN=3.95
sdE=29.0
fwE=3.88
20251016T212935.0001.fits
SecZ=1.12
Focus=-6.070
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.941 -6.055 -4.213
T123=6.6 7.3 9.1
ALT/AZ=63.1 -95.3
fwAVG=3.87
sdW=88.9
fwW=3.75
sdS=117.6
fwS=3.92
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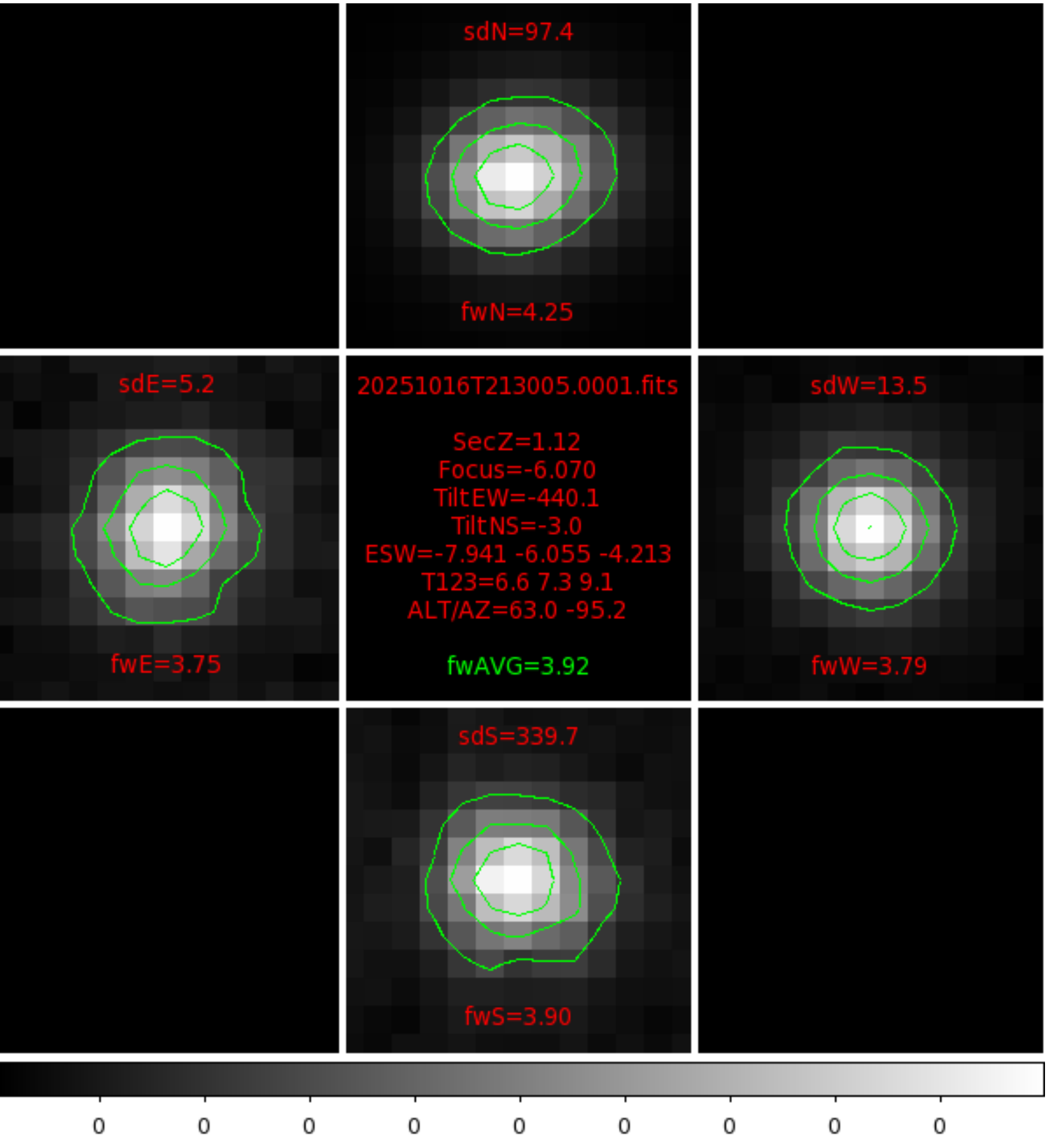
sdN=97.4
fwN=4.25
sdE=5.2
fwE=3.75
20251016T213005.0001.fits
SecZ=1.12
Focus=-6.070
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.941 -6.055 -4.213
T123=6.6 7.3 9.1
ALT/AZ=63.0 -95.2
fwAVG=3.92
sdW=13.5
fwW=3.79
sdS=339.7
fwS=3.90
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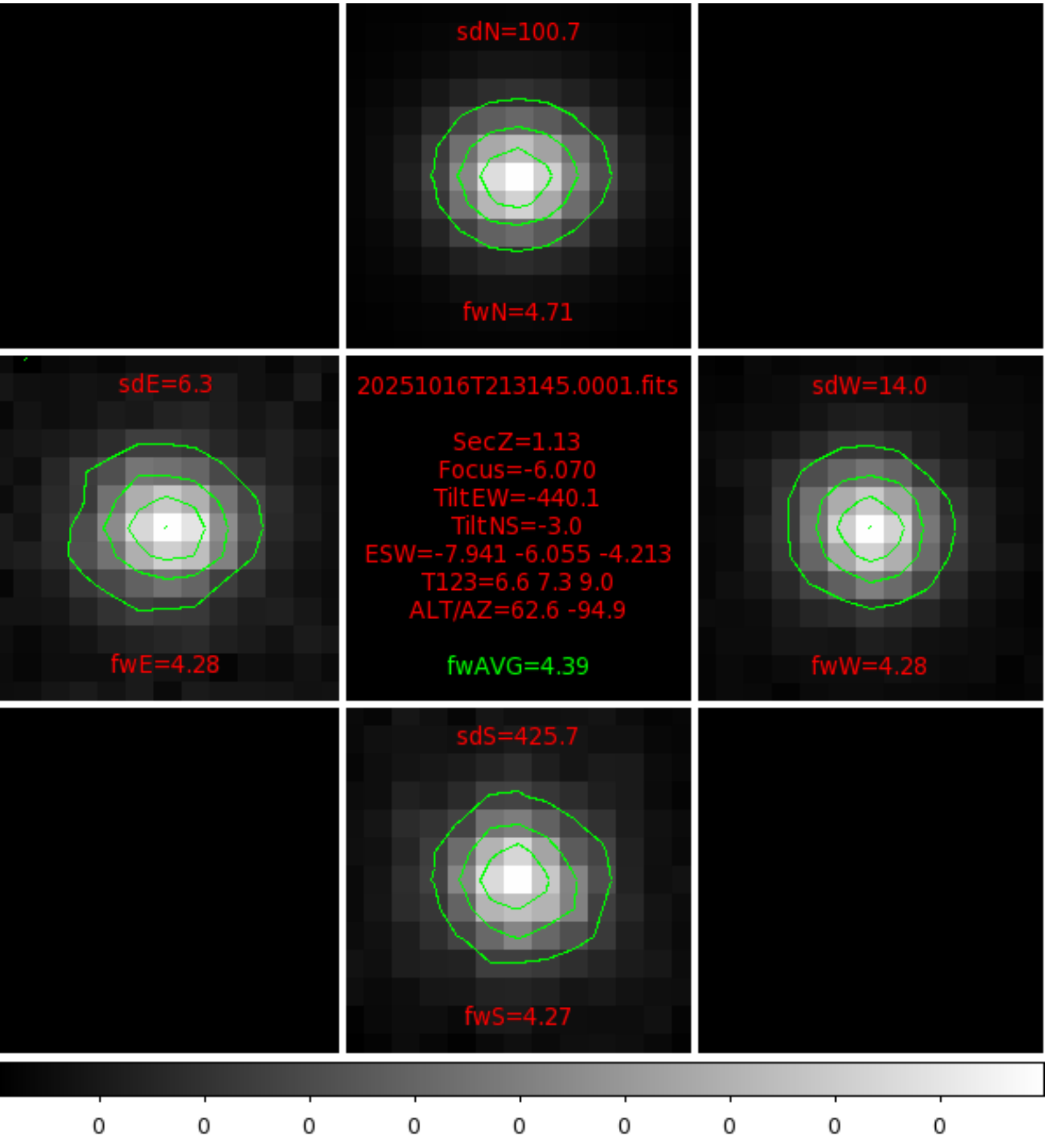
sdN=100.7
fwN=4.71
sdE=6.3
fwE=4.28
20251016T213145.0001.fits
SecZ=1.13
Focus=-6.070
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.941 -6.055 -4.213
T123=6.6 7.3 9.0
ALT/AZ=62.6 -94.9
fwAVG=4.39
sdW=14.0
fwW=4.28
sdS=425.7
fwS=4.27
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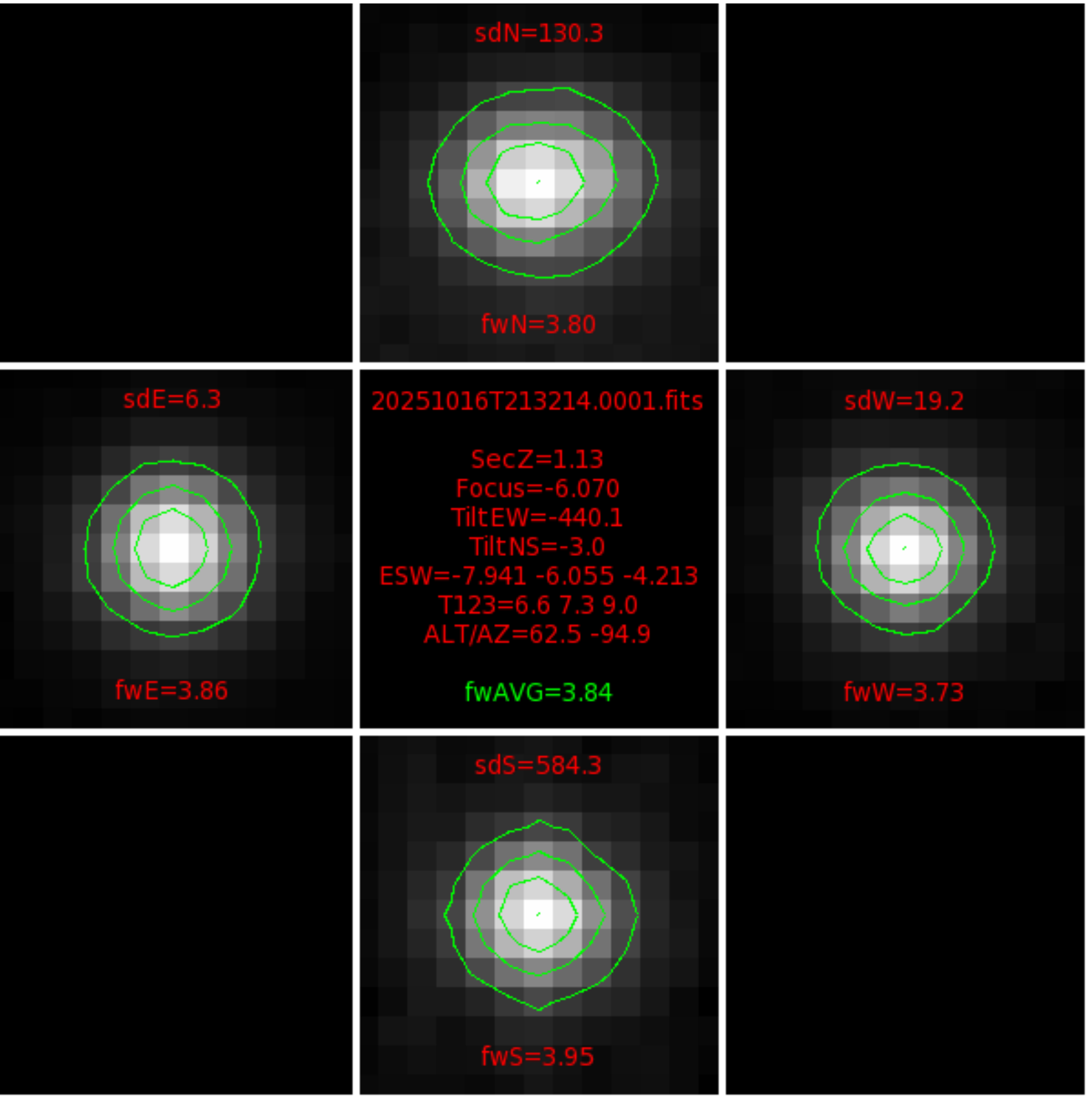
sdN=130.3
fwN=3.80
sdE=6.3
fwE=3.86
20251016T213214.0001.fits
SecZ=1.13
Focus=-6.070
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.941 -6.055 -4.213
T123=6.6 7.3 9.0
ALT/AZ=62.5 -94.9
fwAVG=3.84
sdW=19.2
fwW=3.73
sdS=584.3
fwS=3.95
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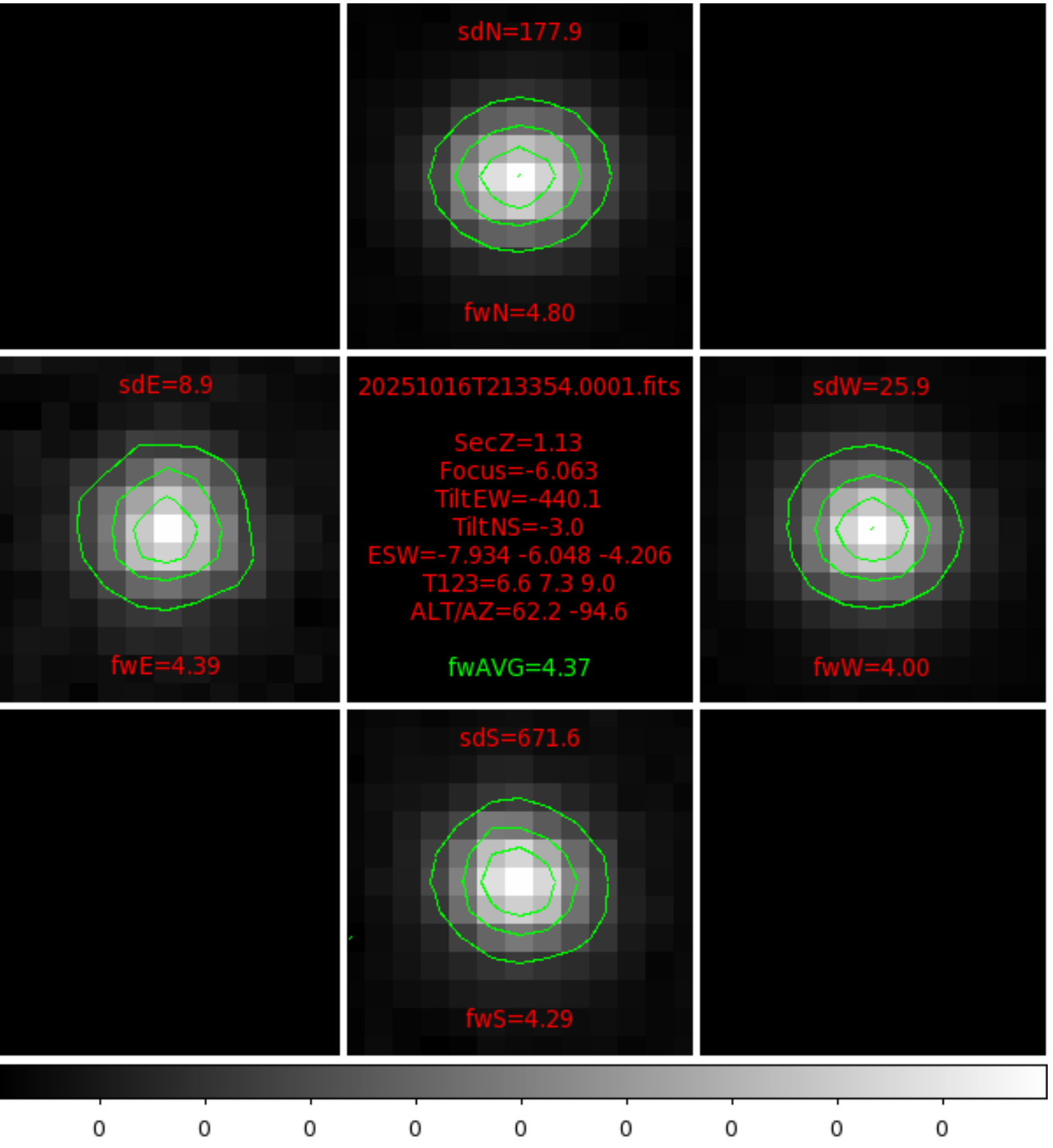
sdN=177.9
fwN=4.80
sdE=8.9
fwE=4.39
20251016T213354.0001.fits
SecZ=1.13
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.6 7.3 9.0
ALT/AZ=62.2 -94.6
fwAVG=4.37
sdW=25.9
fwW=4.00
sdS=671.6
fwS=4.29
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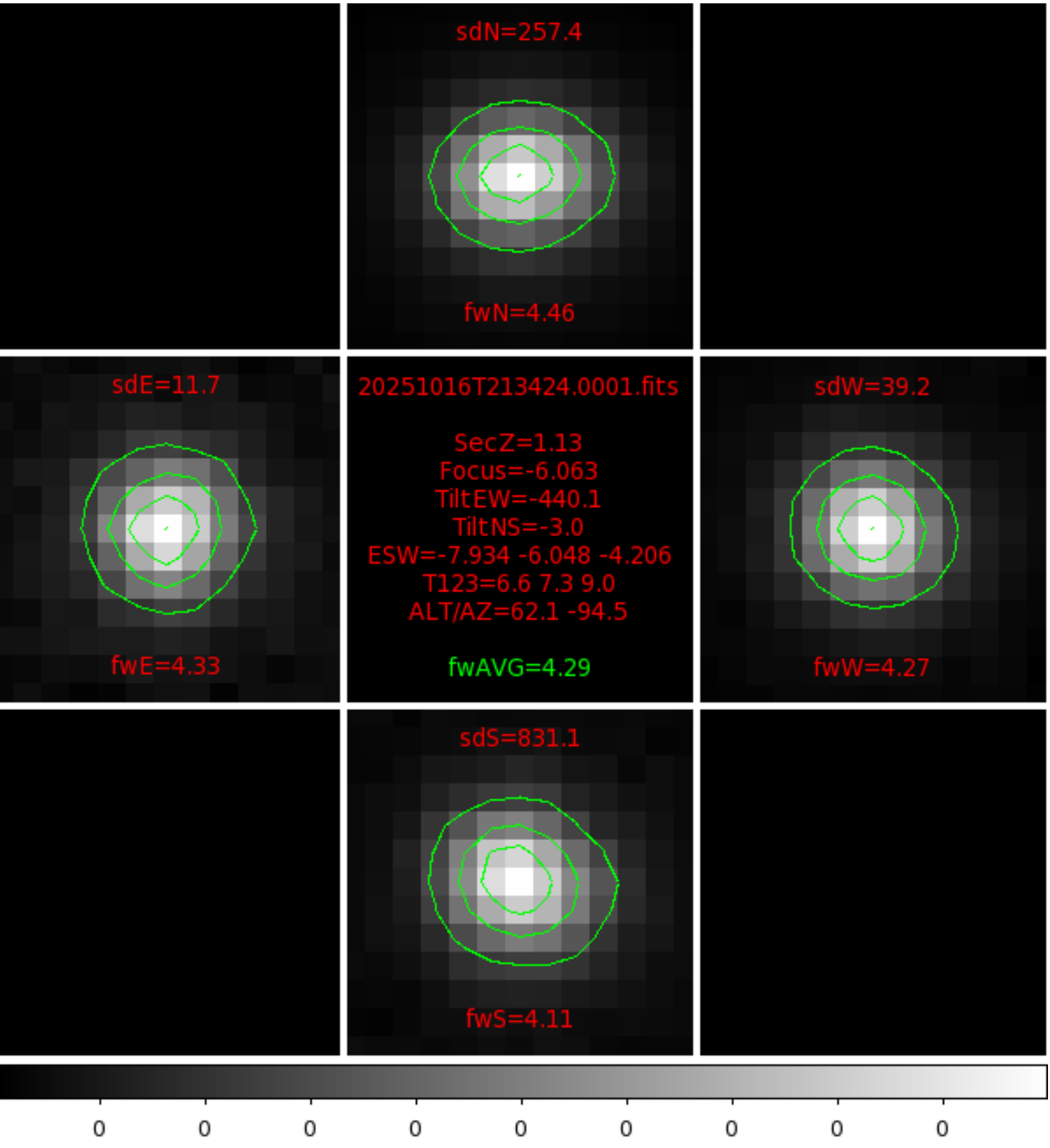
sdN=257.4
fwN=4.46
sdE=11.7
fwE=4.33
20251016T213424.0001.fits
SecZ=1.13
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.6 7.3 9.0
ALT/AZ=62.1 -94.5
fwAVG=4.29
sdW=39.2
fwW=4.27
sdS=831.1
fwS=4.11
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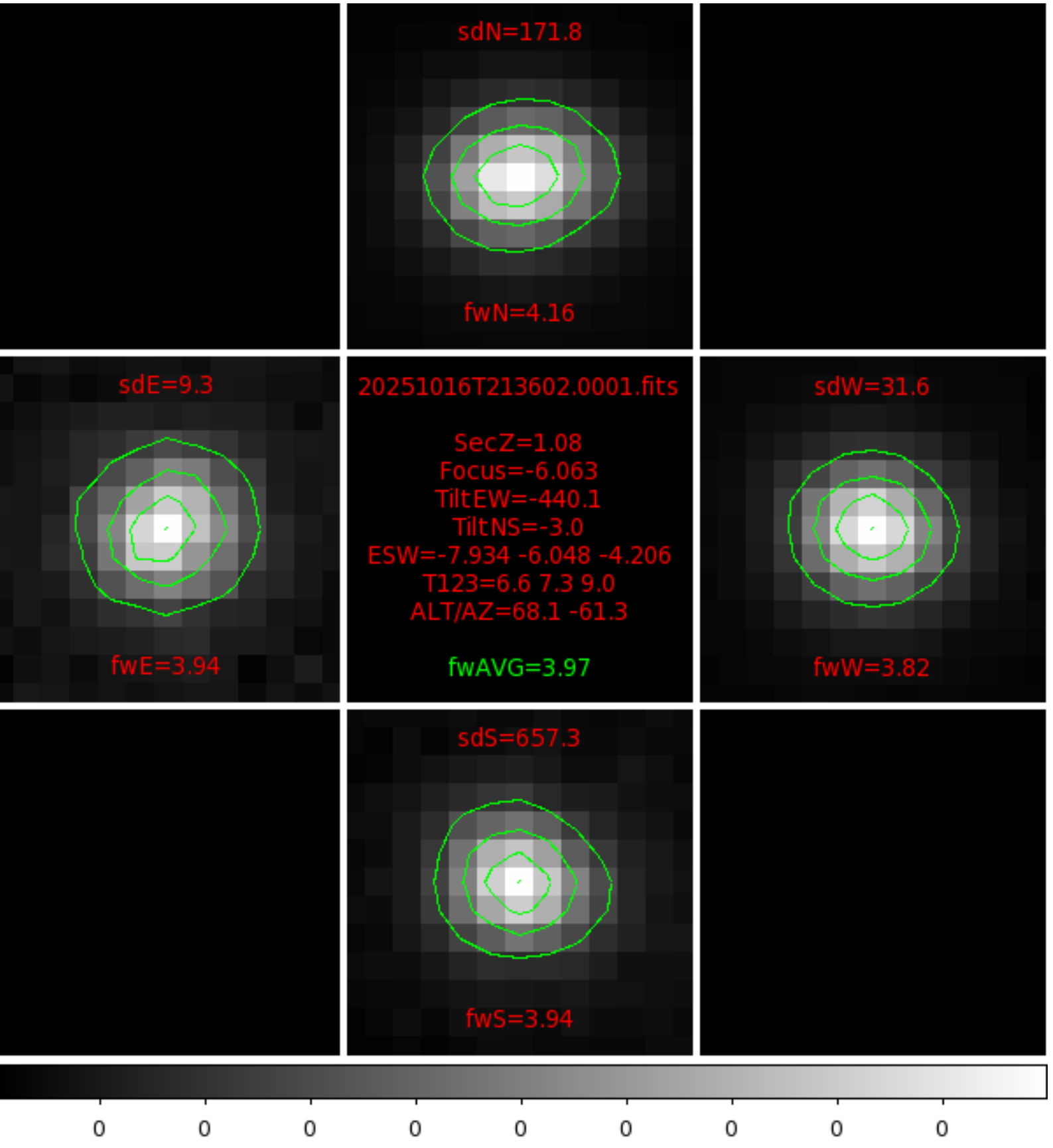
sdN=171.8
fwN=4.16
sdE=9.3
fwE=3.94
20251016T213602.0001.fits
SecZ=1.08
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.6 7.3 9.0
ALT/AZ=68.1 -61.3
fwAVG=3.97
sdW=31.6
fwW=3.82
sdS=657.3
fwS=3.94
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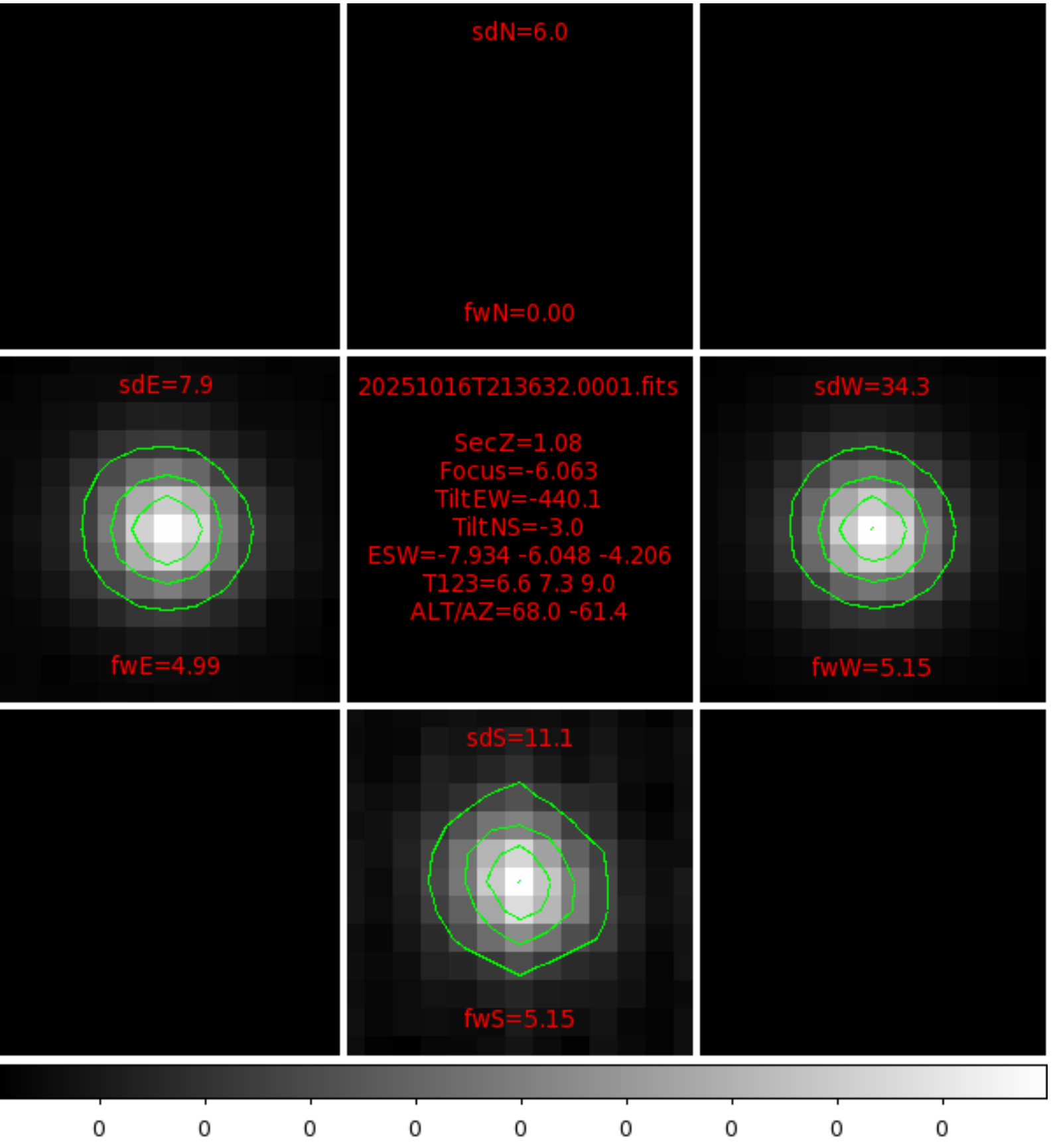
sdN=6.0
fwN=0.00
sdE=7.9
fwE=4.99
20251016T213632.0001.fits
SecZ=1.08
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.6 7.3 9.0
ALT/AZ=68.0 -61.4
sdW=34.3
fwW=5.15
sdS=11.1
fwS=5.15
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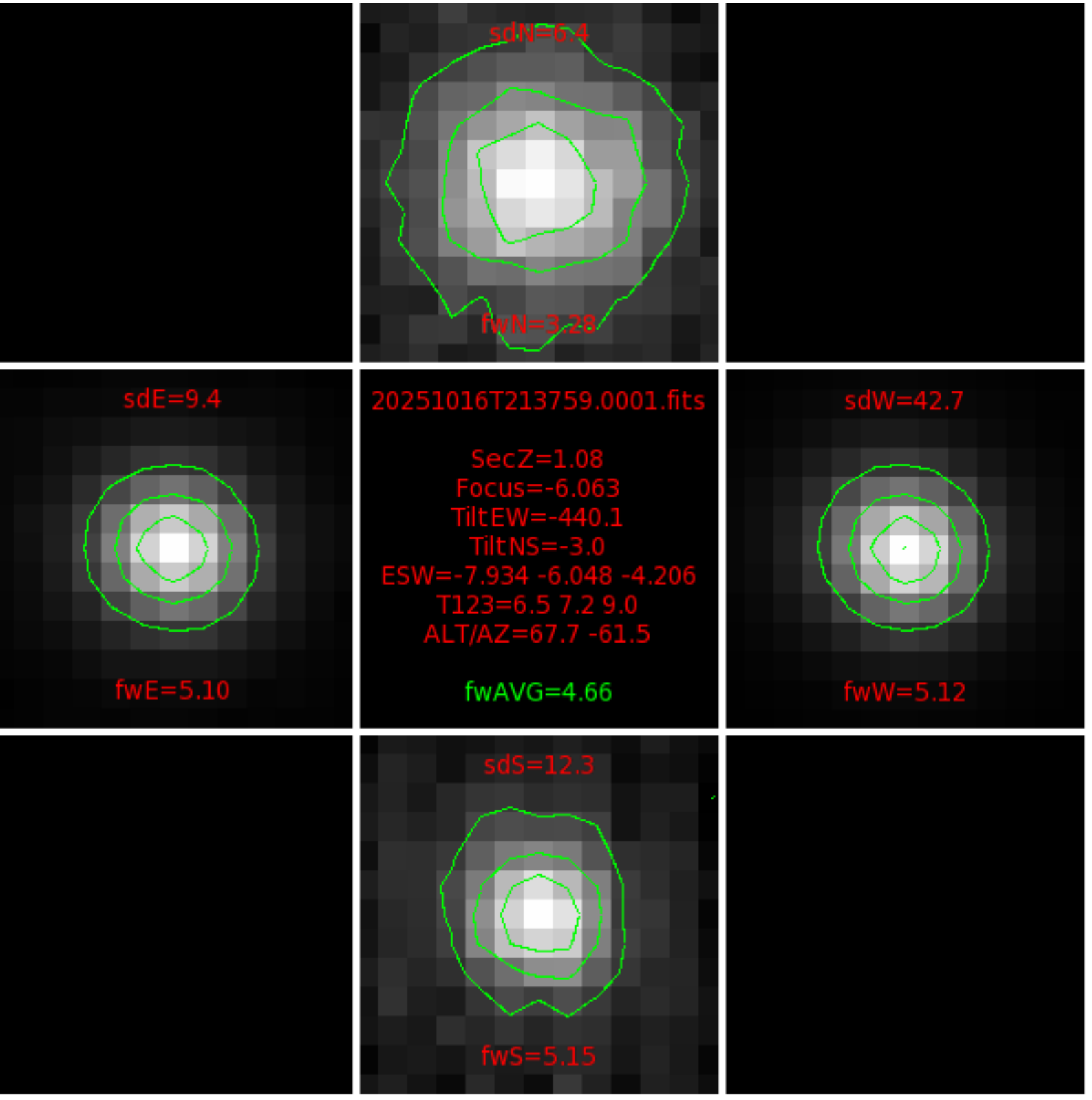
sdN=6.4
fwN=3.28
sdE=9.4
fwE=5.10
20251016T213759.0001.fits
SecZ=1.08
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.5 7.2 9.0
ALT/AZ=67.7 -61.5
fwAVG=4.66
sdW=42.7
fwW=5.12
sdS=12.3
fwS=5.15
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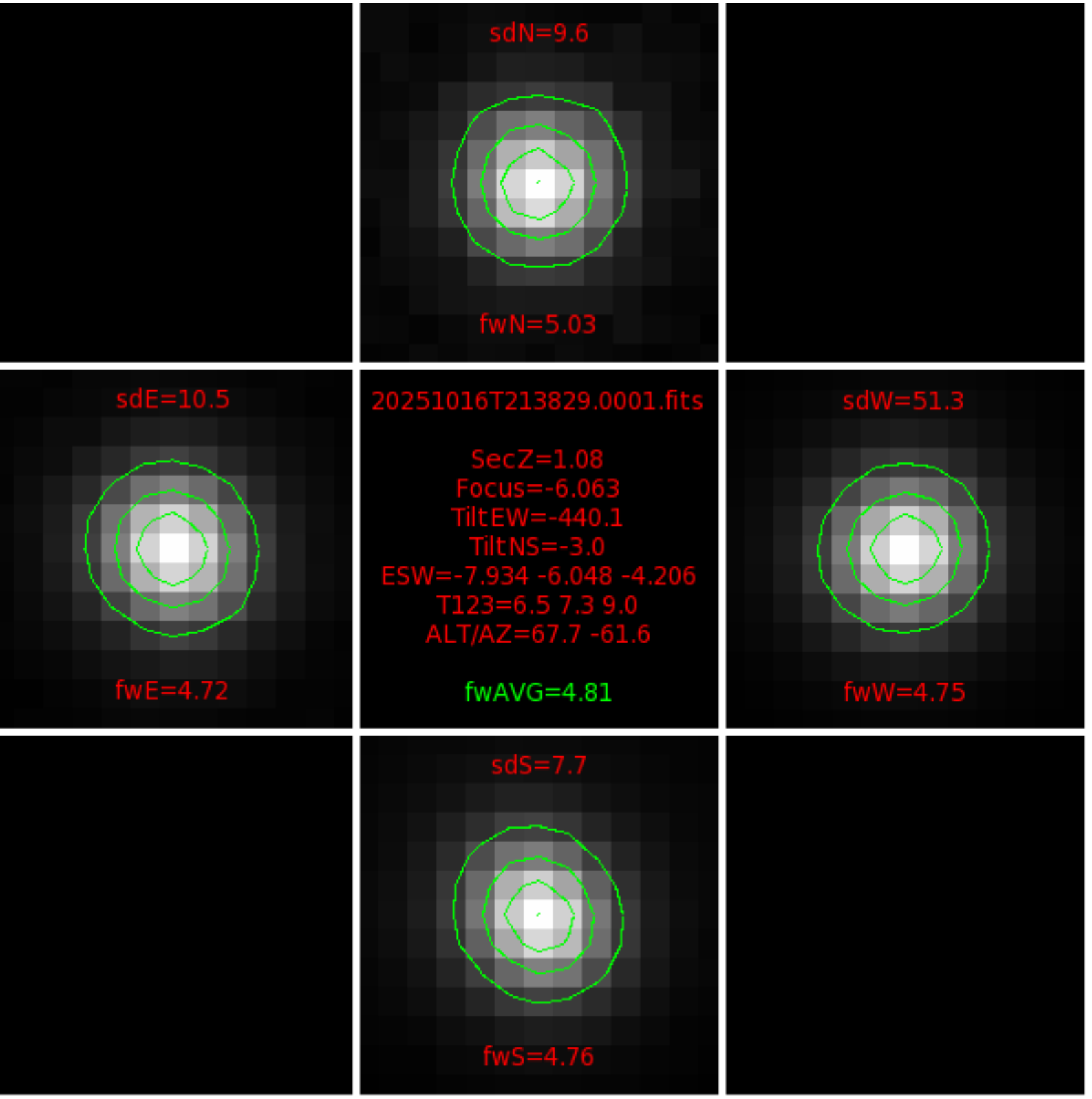
sdN=9.6
fwN=5.03
sdE=10.5
fwE=4.72
20251016T213829.0001.fits
SecZ=1.08
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.5 7.3 9.0
ALT/AZ=67.7 -61.6
fwAVG=4.81
sdW=51.3
fwW=4.75
sdS=7.7
fwS=4.76
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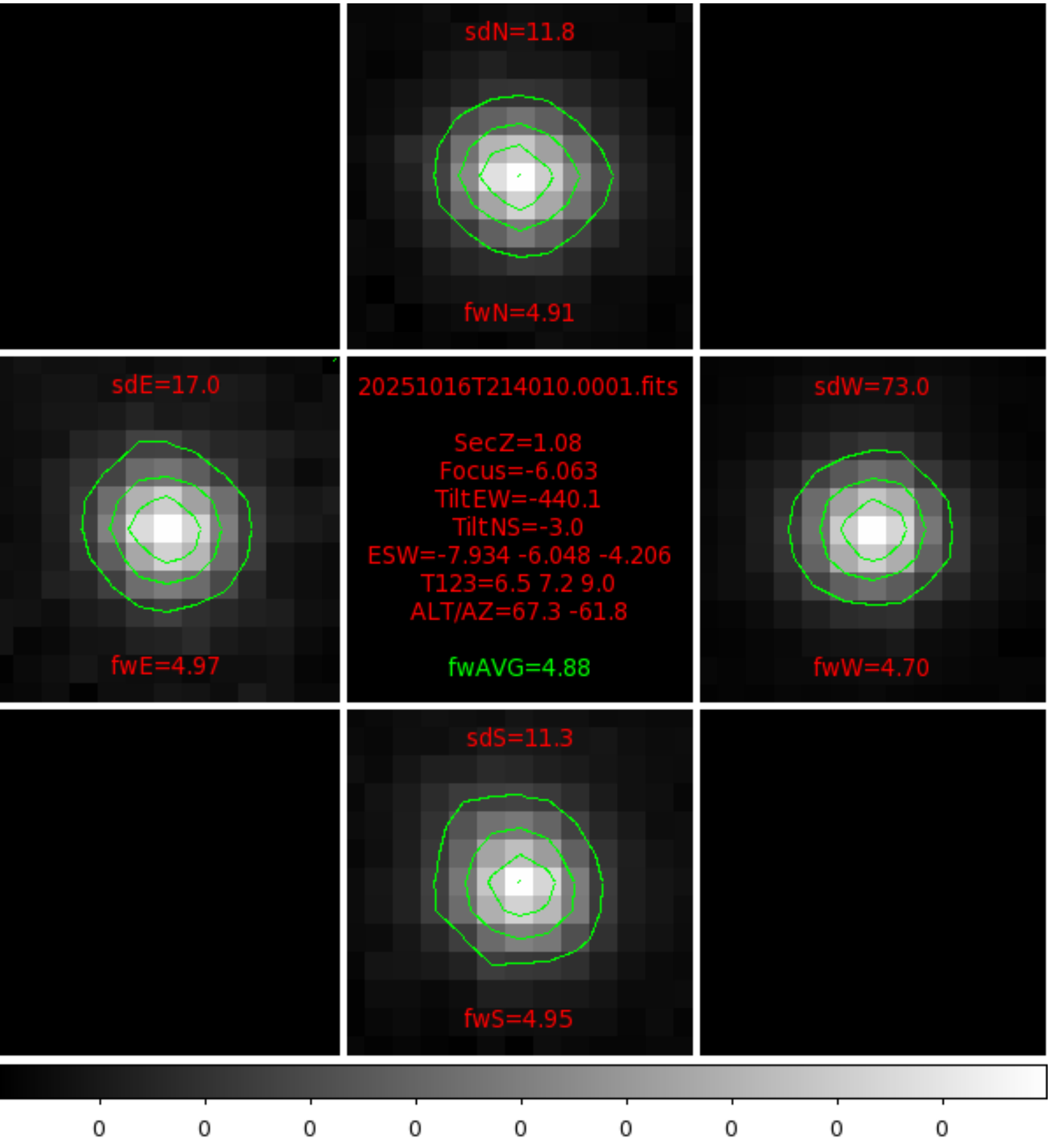
sdN=11.8
fwN=4.91
sdE=17.0
fwE=4.97
20251016T214010.0001.fits
SecZ=1.08
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.5 7.2 9.0
ALT/AZ=67.3 -61.8
fwAVG=4.88
sdW=73.0
fwW=4.70
sdS=11.3
fwS=4.95
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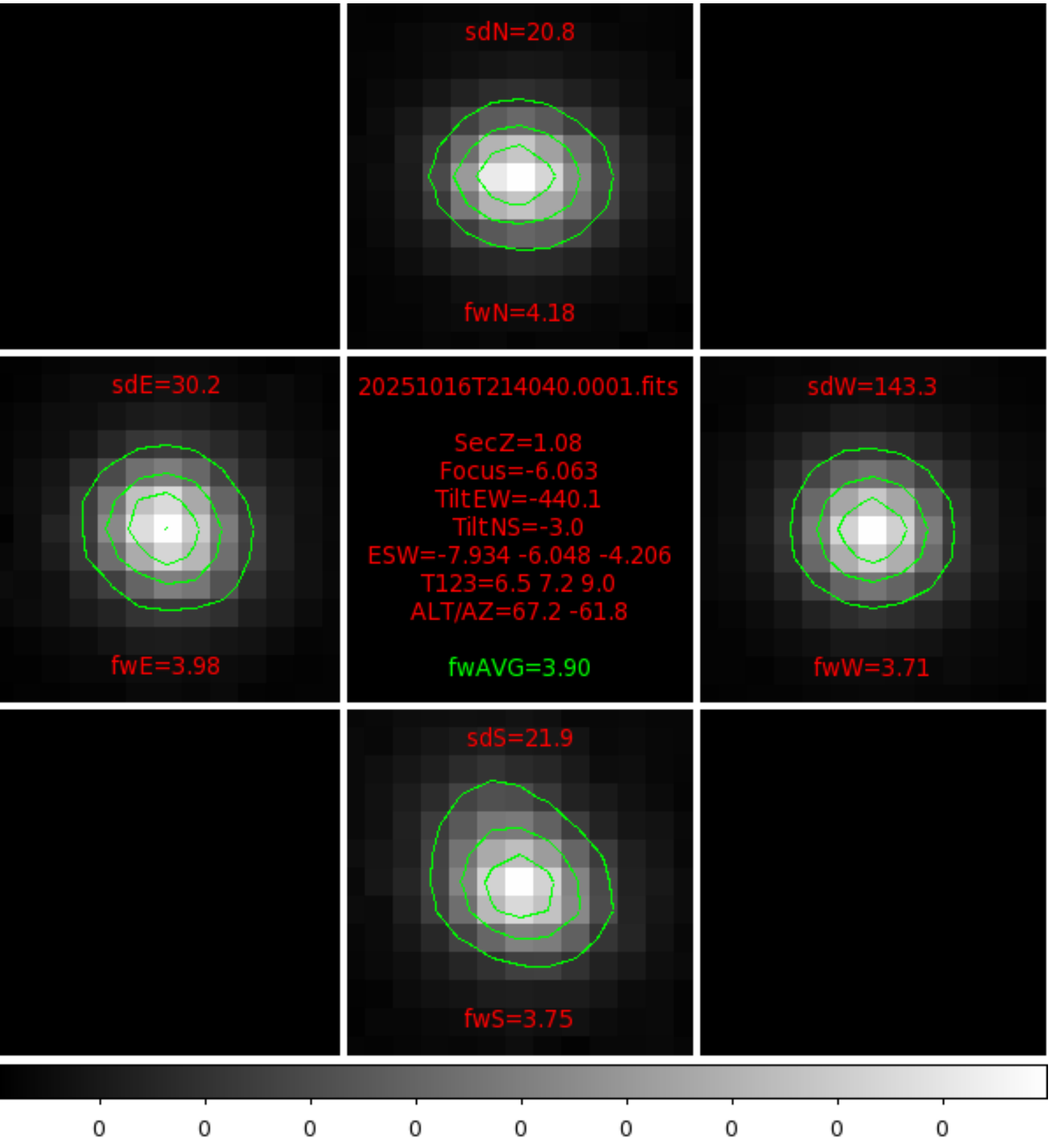
sdN=20.8
fwN=4.18
sdE=30.2
fwE=3.98
20251016T214040.0001.fits
SecZ=1.08
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.5 7.2 9.0
ALT/AZ=67.2 -61.8
fwAVG=3.90
sdW=143.3
fwW=3.71
sdS=21.9
fwS=3.75
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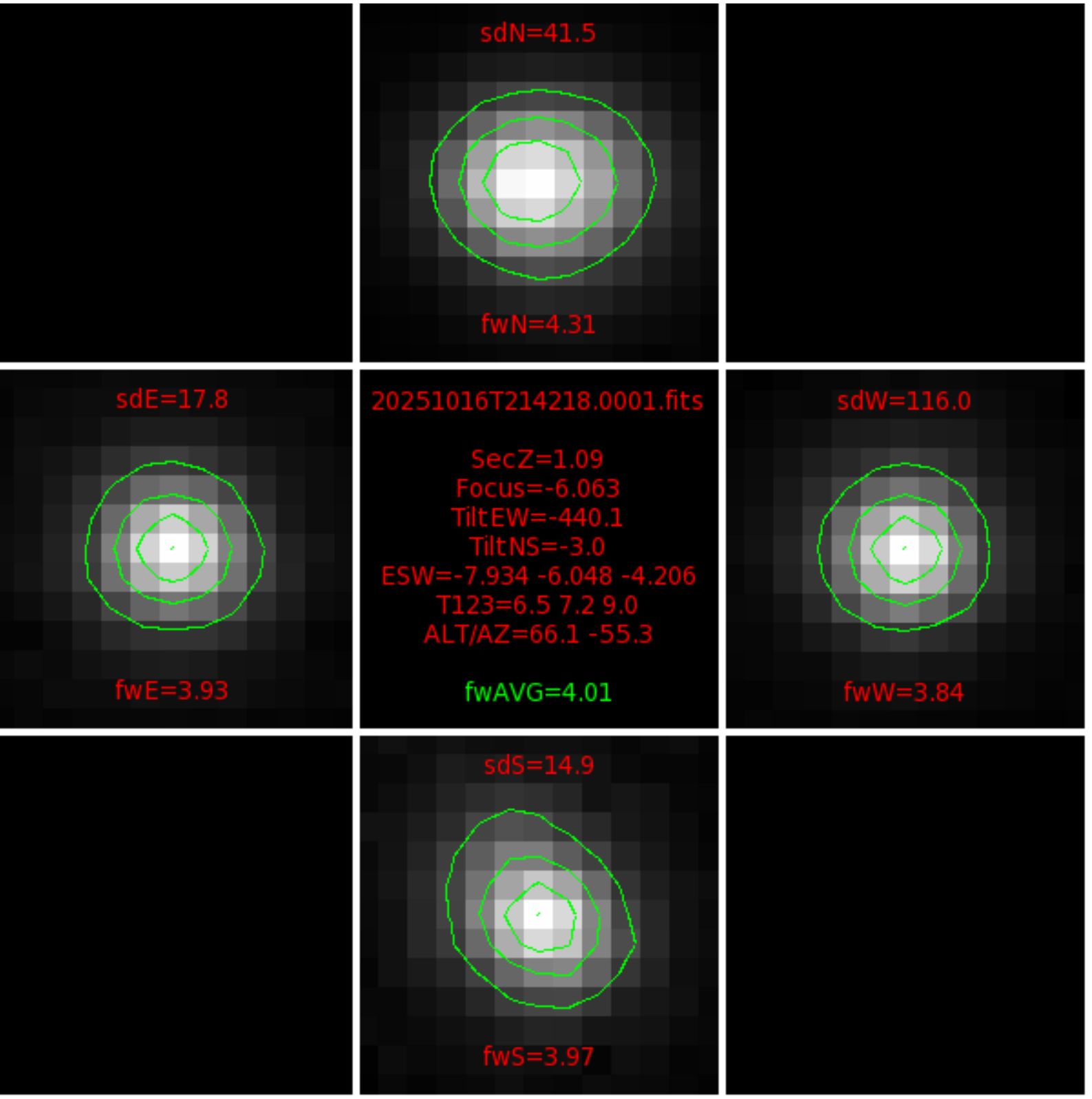
sdN=41.5
fwN=4.31
sdE=17.8
fwE=3.93
20251016T214218.0001.fits
SecZ=1.09
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.5 7.2 9.0
ALT/AZ=66.1 -55.3
fwAVG=4.01
sdW=116.0
fwW=3.84
sdS=14.9
fwS=3.97
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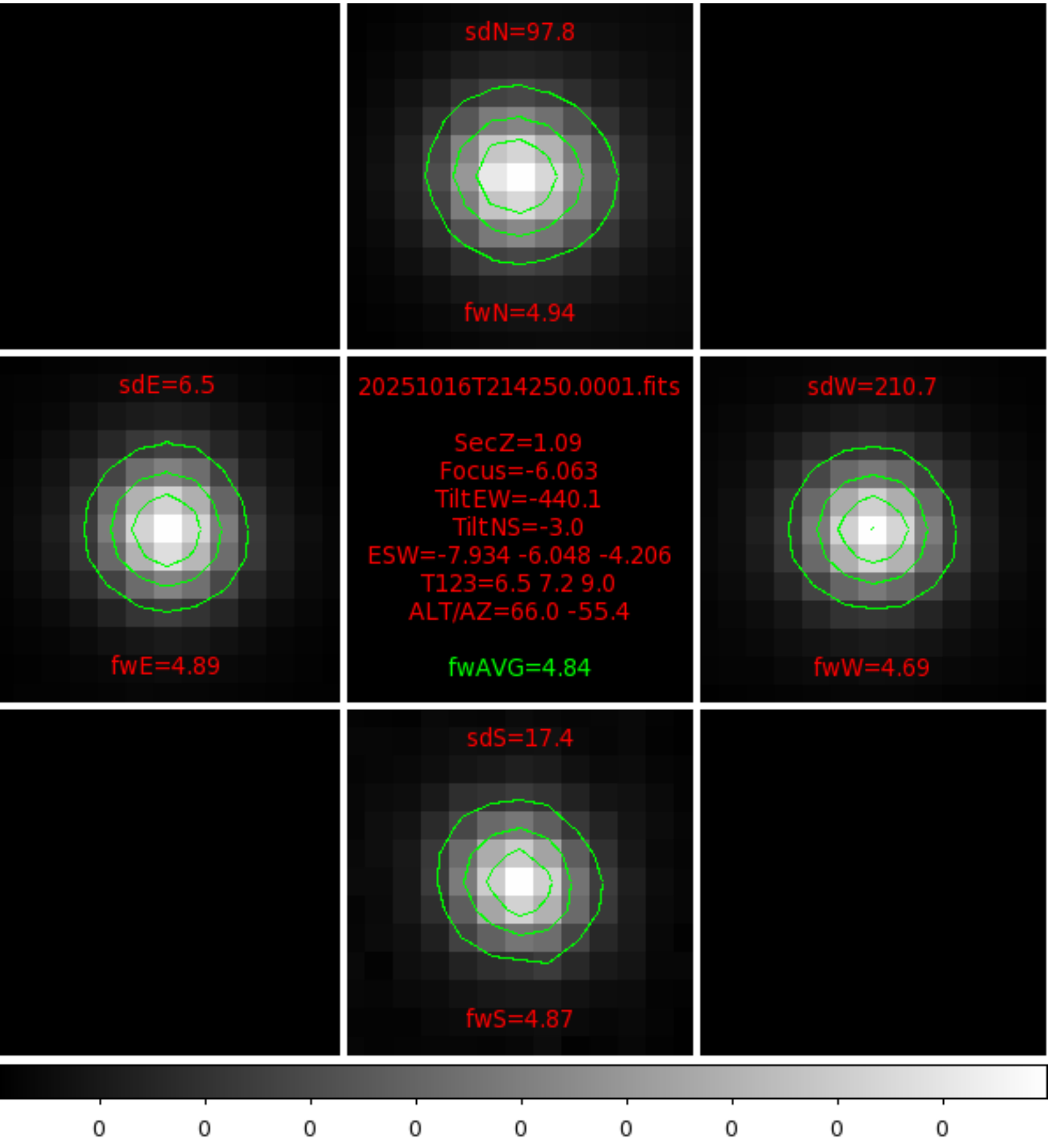
sdN=97.8
fwN=4.94
sdE=6.5
fwE=4.89
20251016T214250.0001.fits
SecZ=1.09
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.5 7.2 9.0
ALT/AZ=66.0 -55.4
fwAVG=4.84
sdW=210.7
fwW=4.69
sdS=17.4
fwS=4.87
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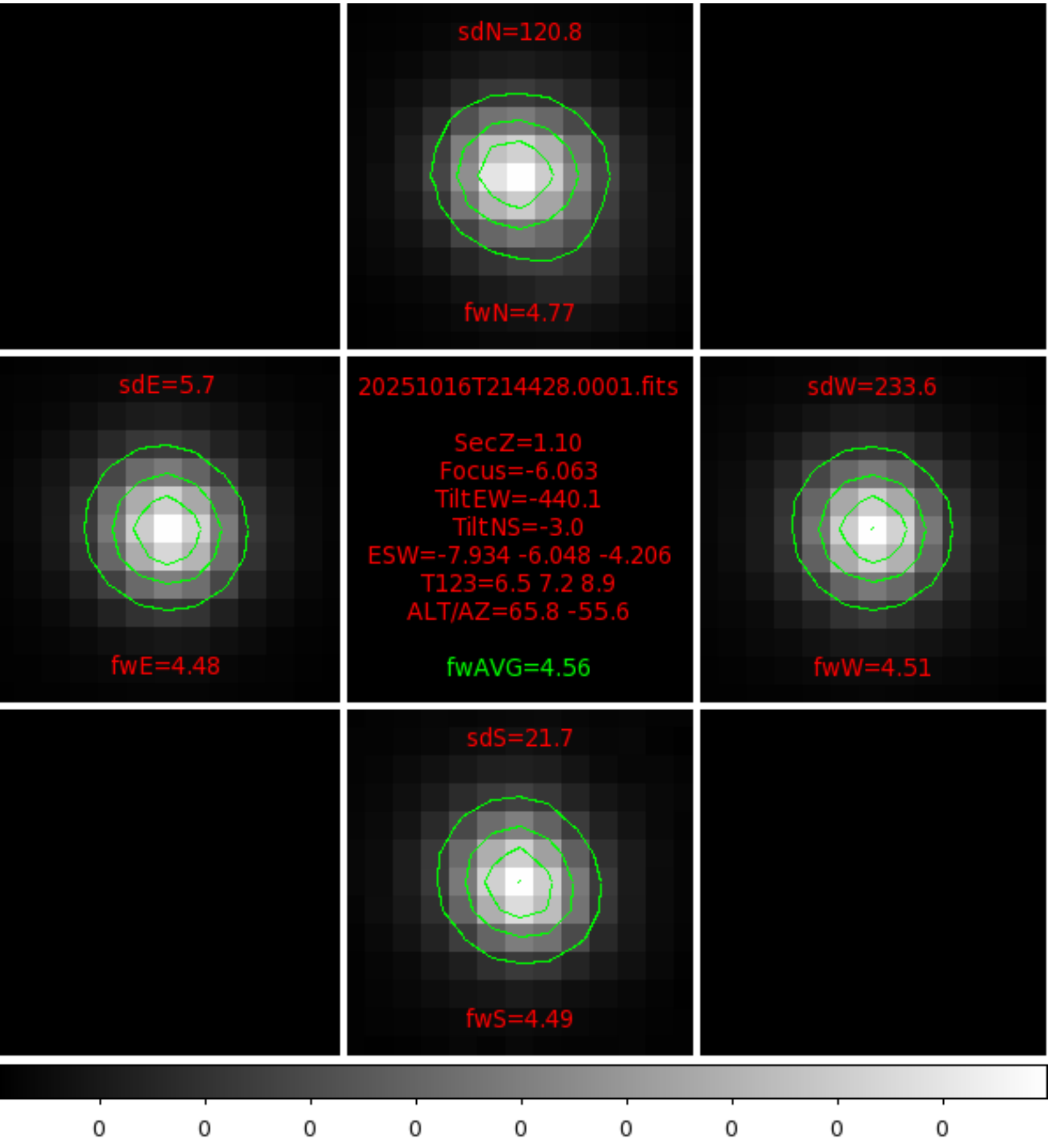
sdN=120.8
fwN=4.77
sdE=5.7
fwE=4.48
20251016T214428.0001.fits
SecZ=1.10
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.5 7.2 8.9
ALT/AZ=65.8 -55.6
fwAVG=4.56
sdW=233.6
fwW=4.51
sdS=21.7
fwS=4.49
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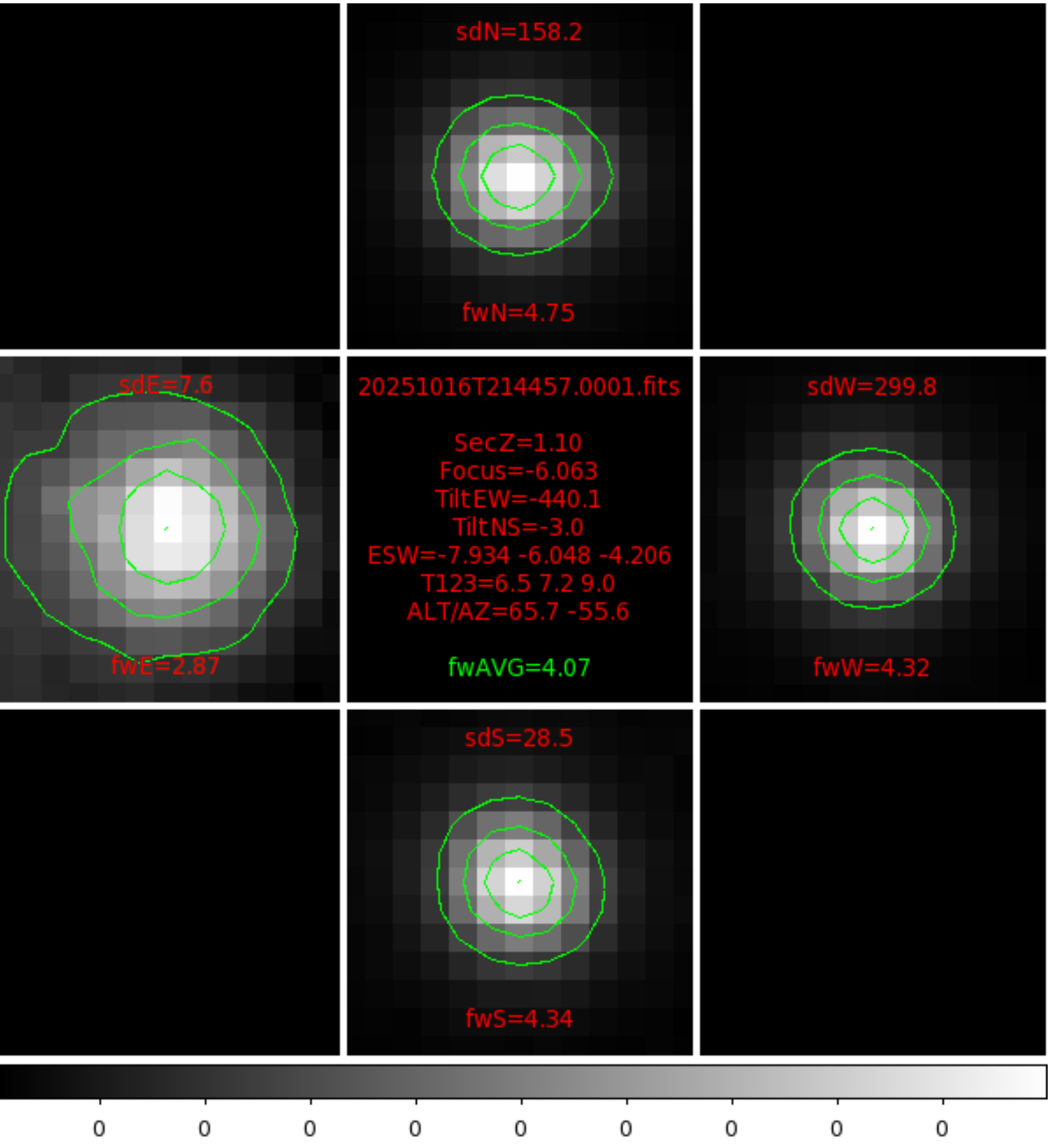
sdN=158.2
fwN=4.75
sdE=7.6
fwE=2.87
20251016T214457.0001.fits
SecZ=1.10
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.5 7.2 9.0
ALT/AZ=65.7 -55.6
fwAVG=4.07
sdW=299.8
fwW=4.32
sdS=28.5
fwS=4.34
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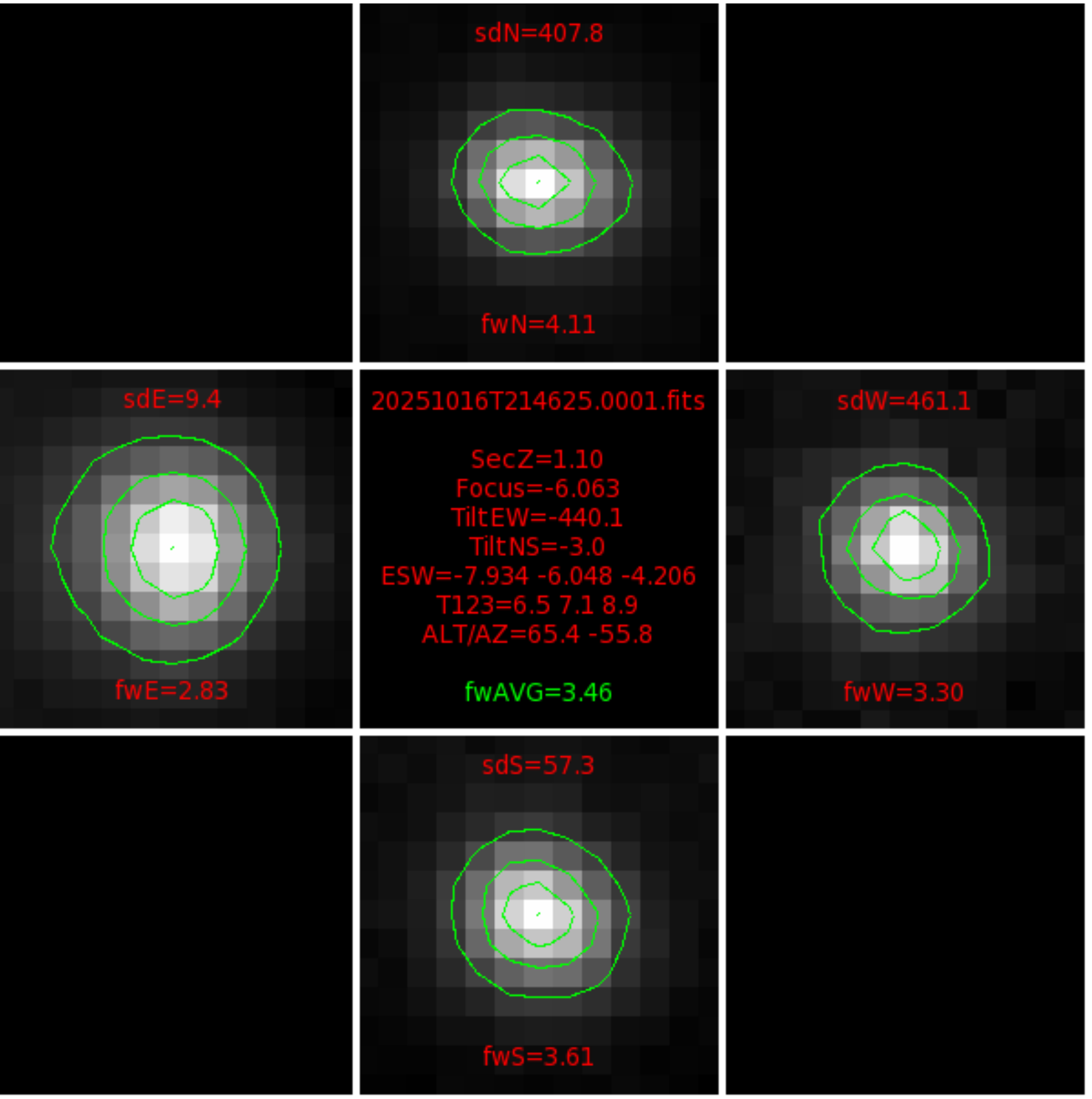
sdN=407.8
fwN=4.11
sdE=9.4
fwE=2.83
20251016T214625.0001.fits
SecZ=1.10
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.5 7.1 8.9
ALT/AZ=65.4 -55.8
fwAVG=3.46
sdW=461.1
fwW=3.30
sdS=57.3
fwS=3.61
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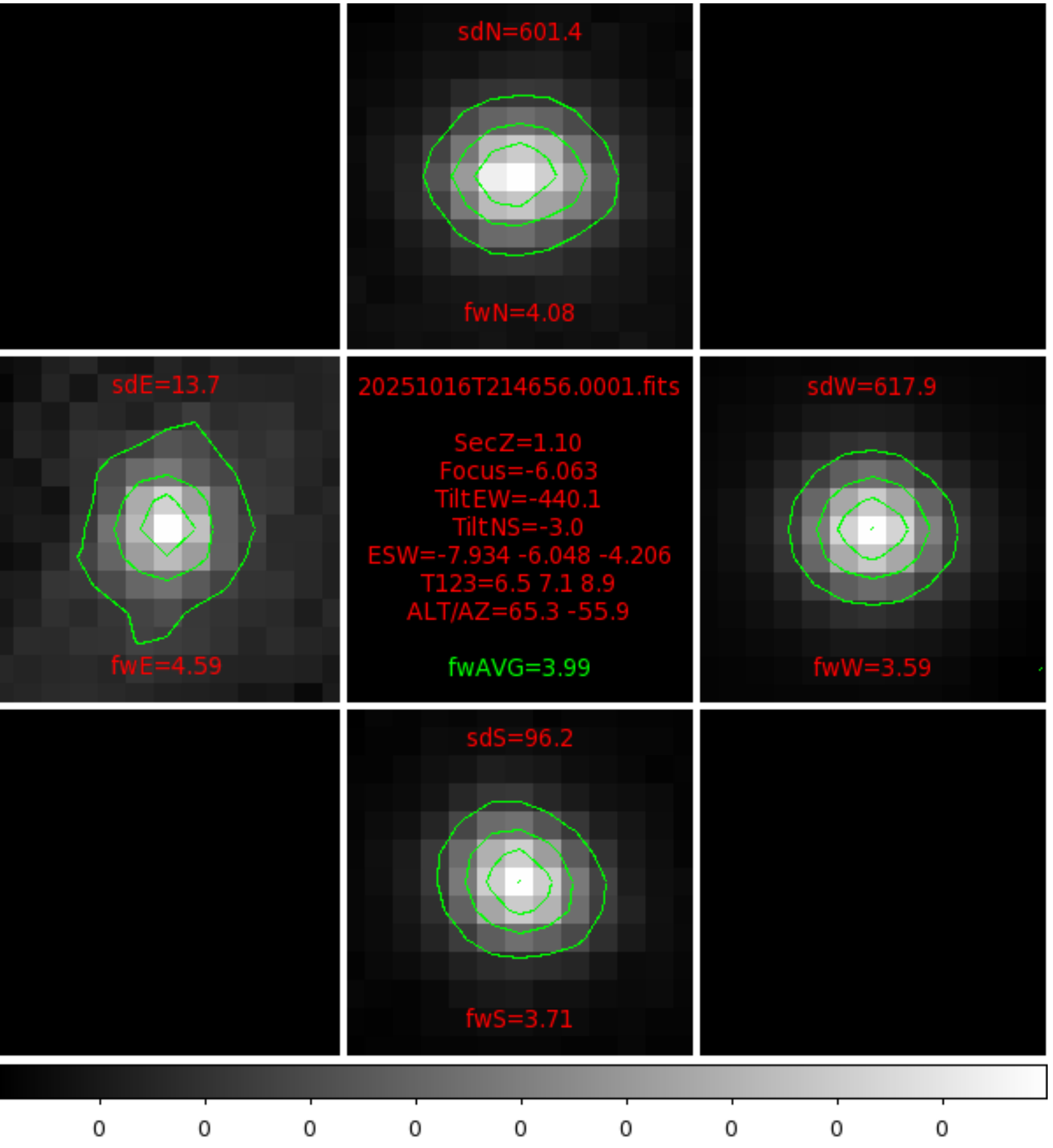
sdN=601.4
fwN=4.08
sdE=13.7
fwE=4.59
20251016T214656.0001.fits
SecZ=1.10
Focus=-6.063
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.934 -6.048 -4.206
T123=6.5 7.1 8.9
ALT/AZ=65.3 -55.9
fwAVG=3.99
sdW=617.9
fwW=3.59
sdS=96.2
fwS=3.71
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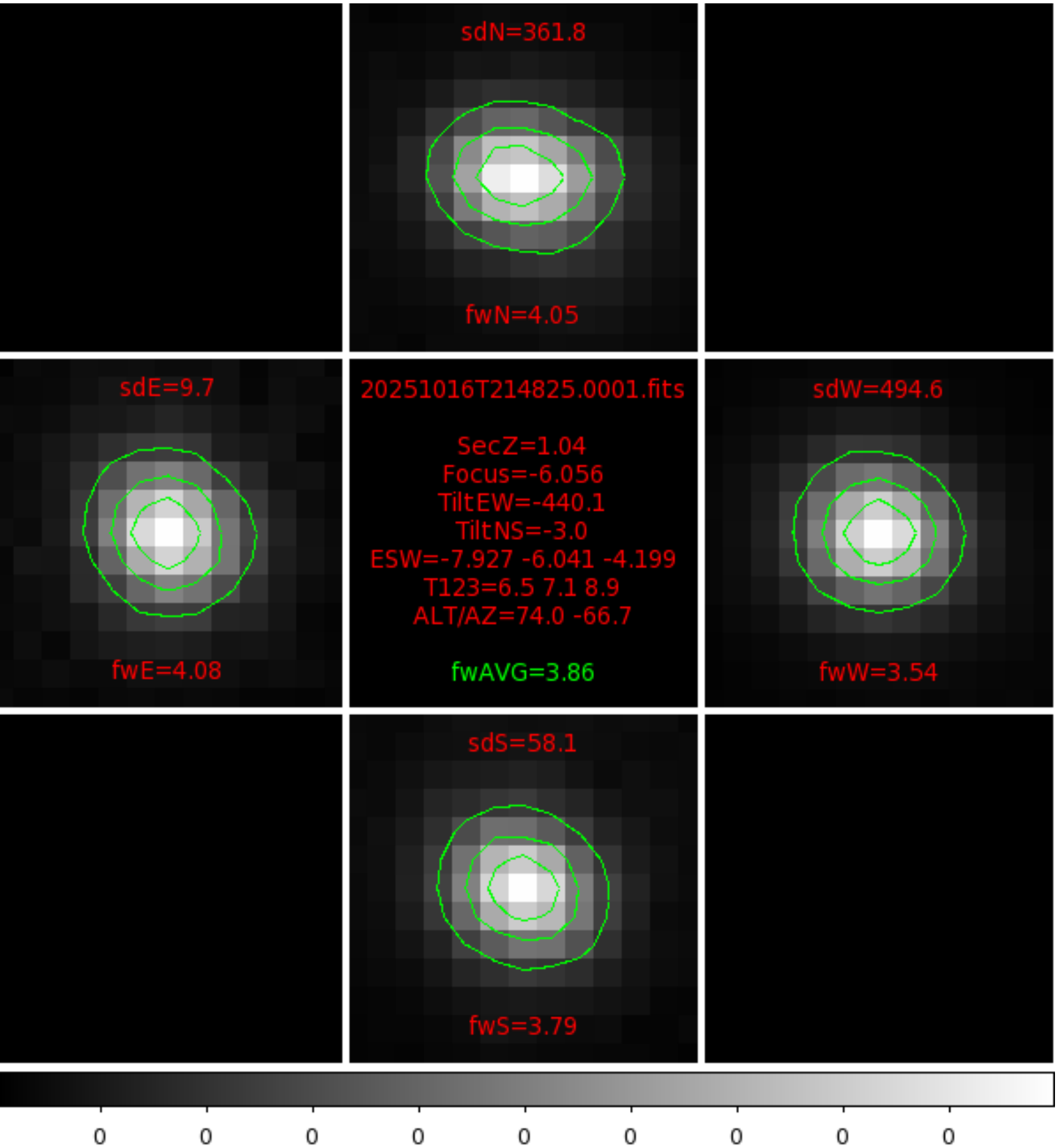
sdN=361.8
fwN=4.05
sdE=9.7
fwE=4.08
20251016T214825.0001.fits
SecZ=1.04
Focus=-6.056
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.927 -6.041 -4.199
T123=6.5 7.1 8.9
ALT/AZ=74.0 -66.7
fwAVG=3.86
sdW=494.6
fwW=3.54
sdS=58.1
fwS=3.79
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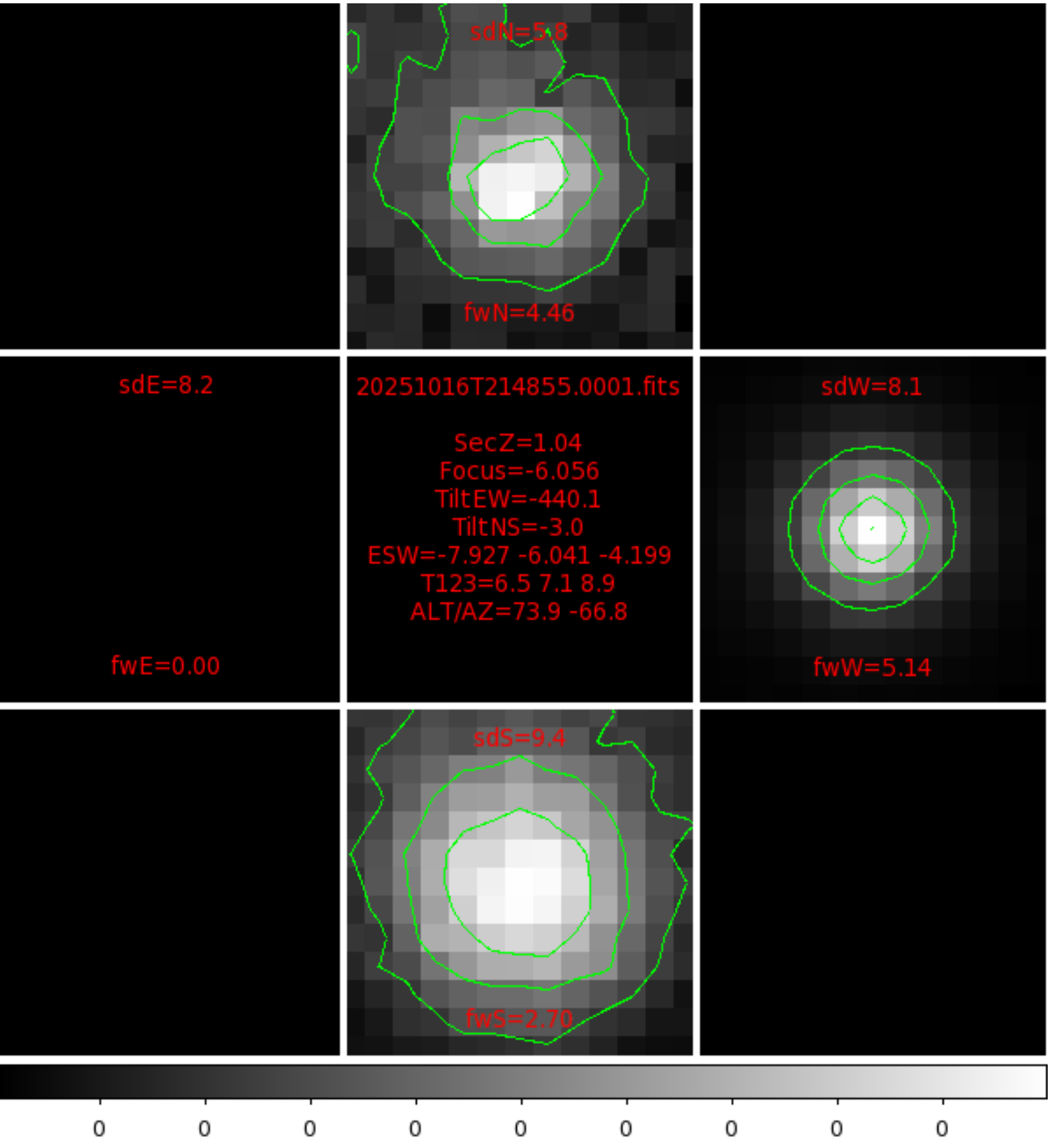
sdN=5.8
fwN=4.46
sdE=8.2
fwE=0.00
20251016T214855.0001.fits
SecZ=1.04
Focus=-6.056
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.927 -6.041 -4.199
T123=6.5 7.1 8.9
ALT/AZ=73.9 -66.8
sdW=8.1
fwW=5.14
sdS=9.4
fwS=2.70
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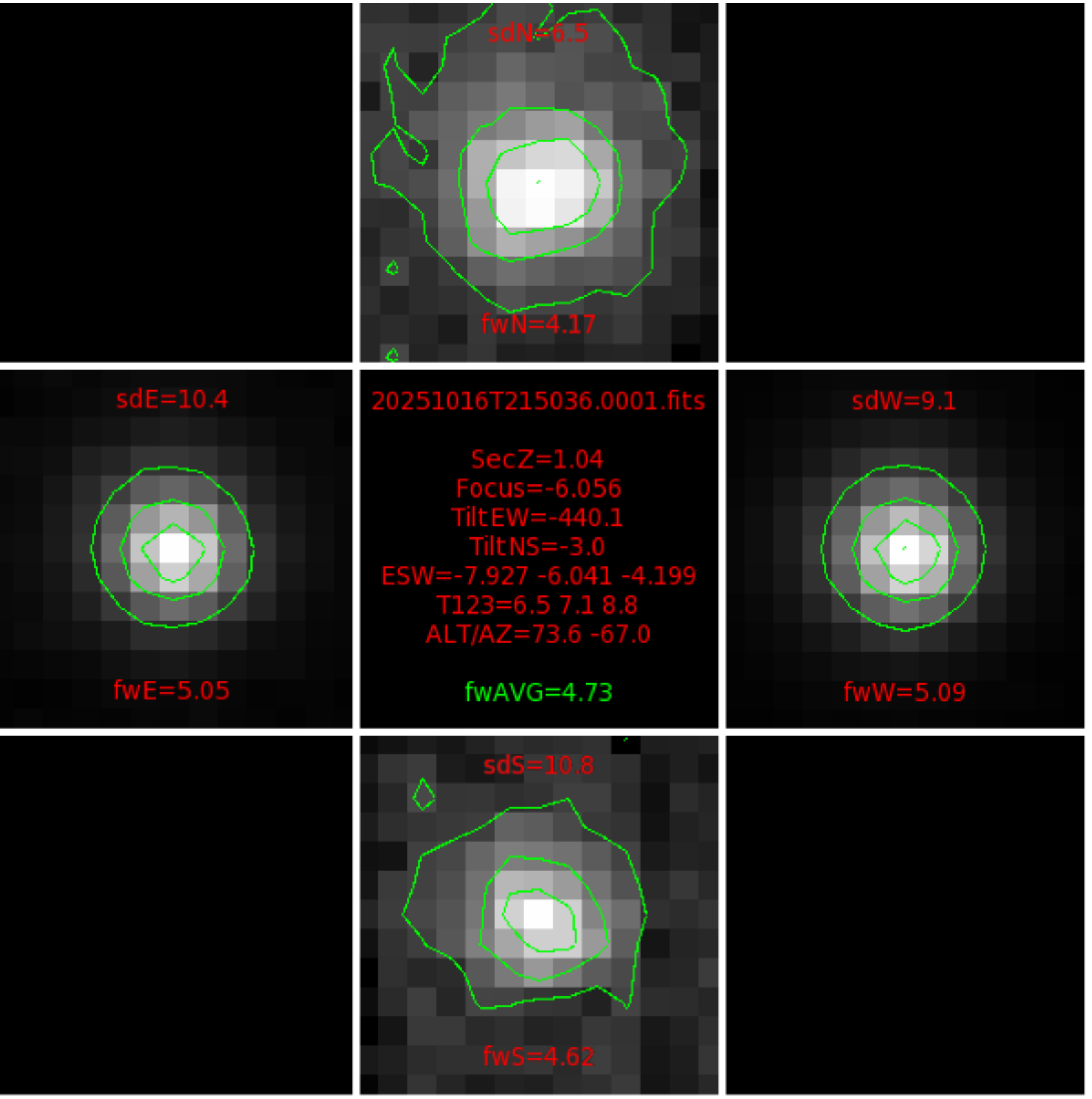
sdN=6.5
fwN=4.17
sdE=10.4
fwE=5.05
20251016T215036.0001.fits
SecZ=1.04
Focus=-6.056
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.927 -6.041 -4.199
T123=6.5 7.1 8.8
ALT/AZ=73.6 -67.0
fwAVG=4.73
sdW=9.1
fwW=5.09
sdS=10.8
fwS=4.62
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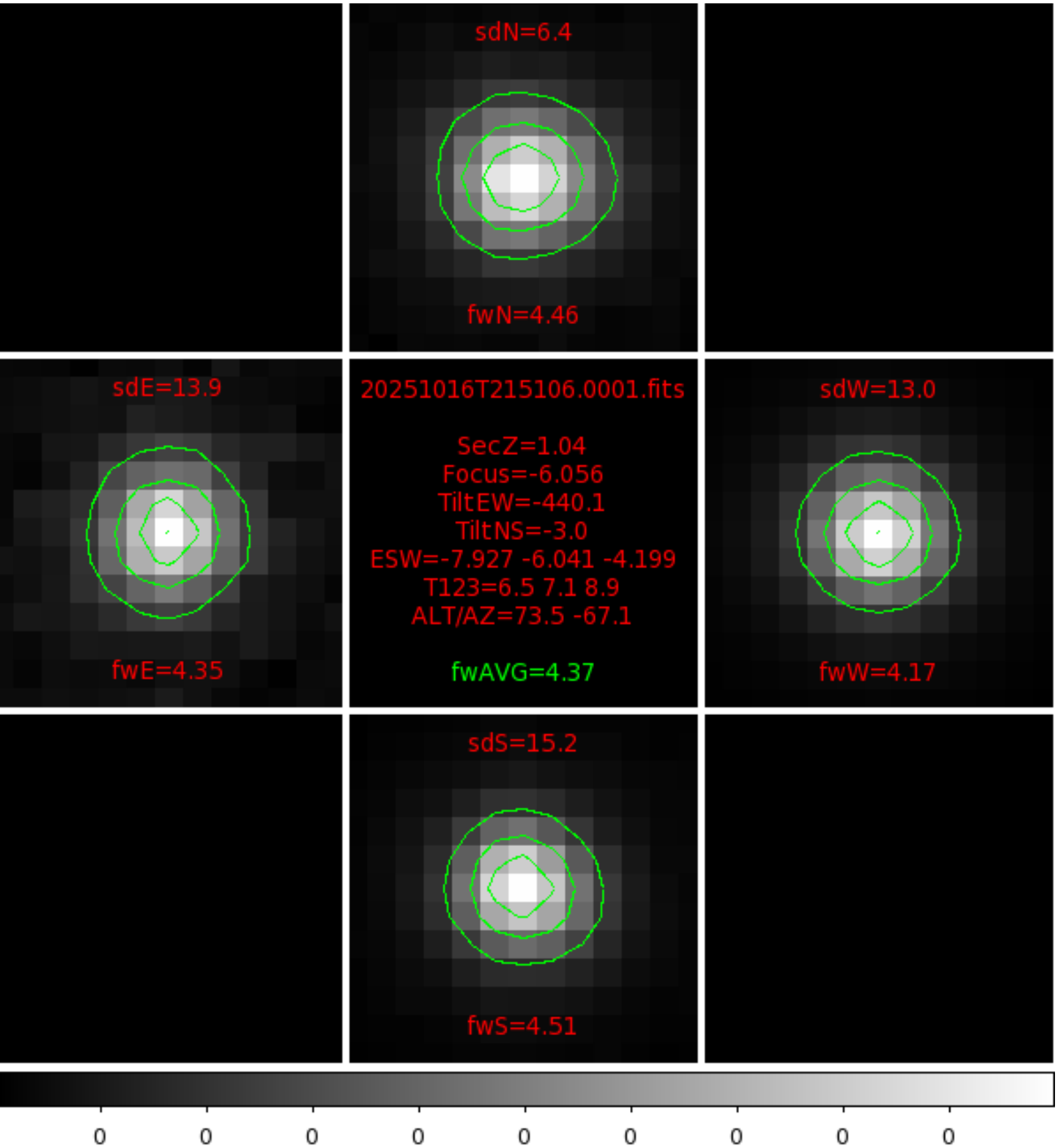
sdN=6.4
fwN=4.46
sdE=13.9
fwE=4.35
20251016T215106.0001.fits
SecZ=1.04
Focus=-6.056
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.927 -6.041 -4.199
T123=6.5 7.1 8.9
ALT/AZ=73.5 -67.1
fwAVG=4.37
sdW=13.0
fwW=4.17
sdS=15.2
fwS=4.51
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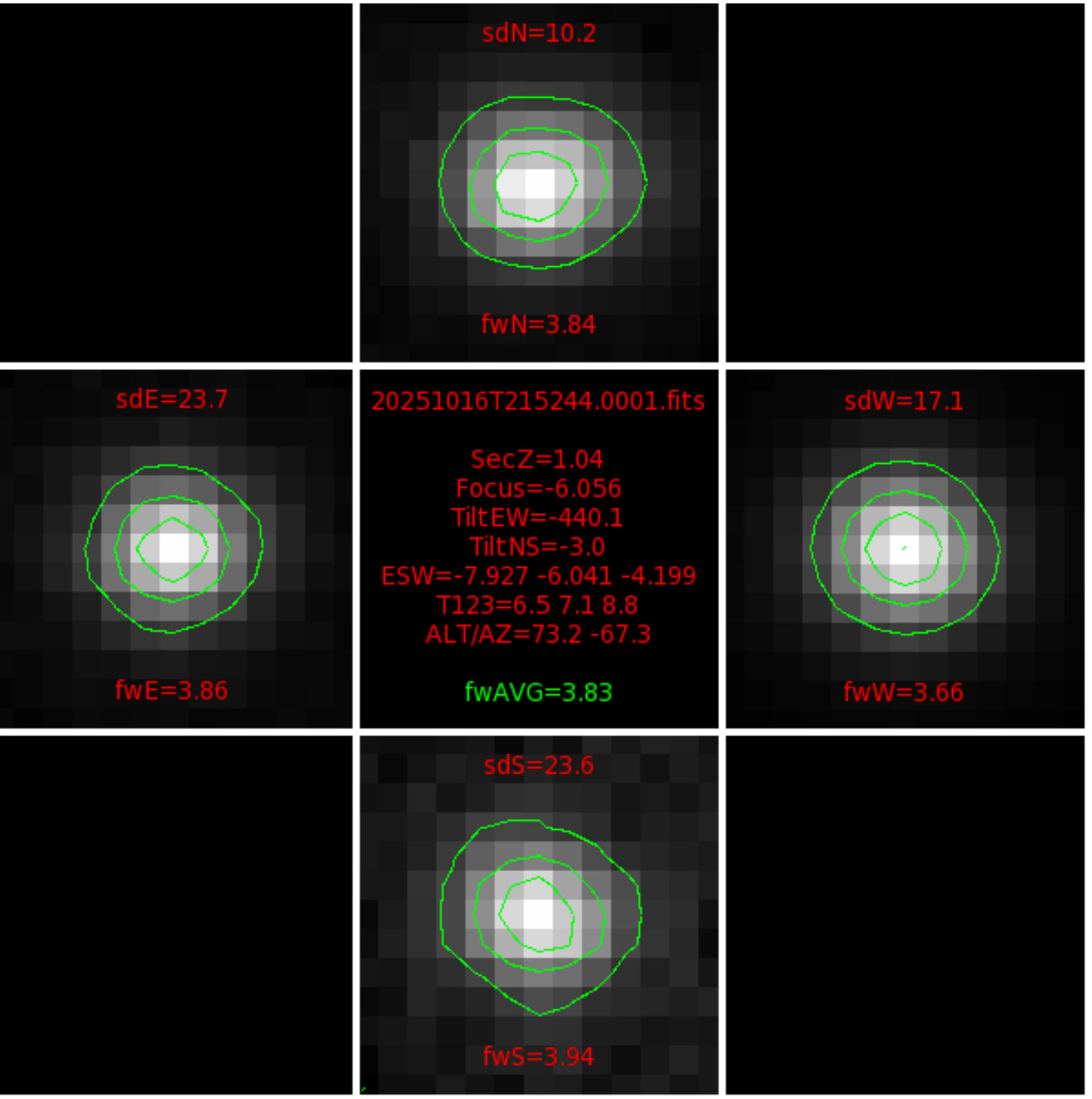
sdN=10.2
fwN=3.84
sdE=23.7
fwE=3.86
20251016T215244.0001.fits
SecZ=1.04
Focus=-6.056
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.927 -6.041 -4.199
T123=6.5 7.1 8.8
ALT/AZ=73.2 -67.3
fwAVG=3.83
sdW=17.1
fwW=3.66
sdS=23.6
fwS=3.94
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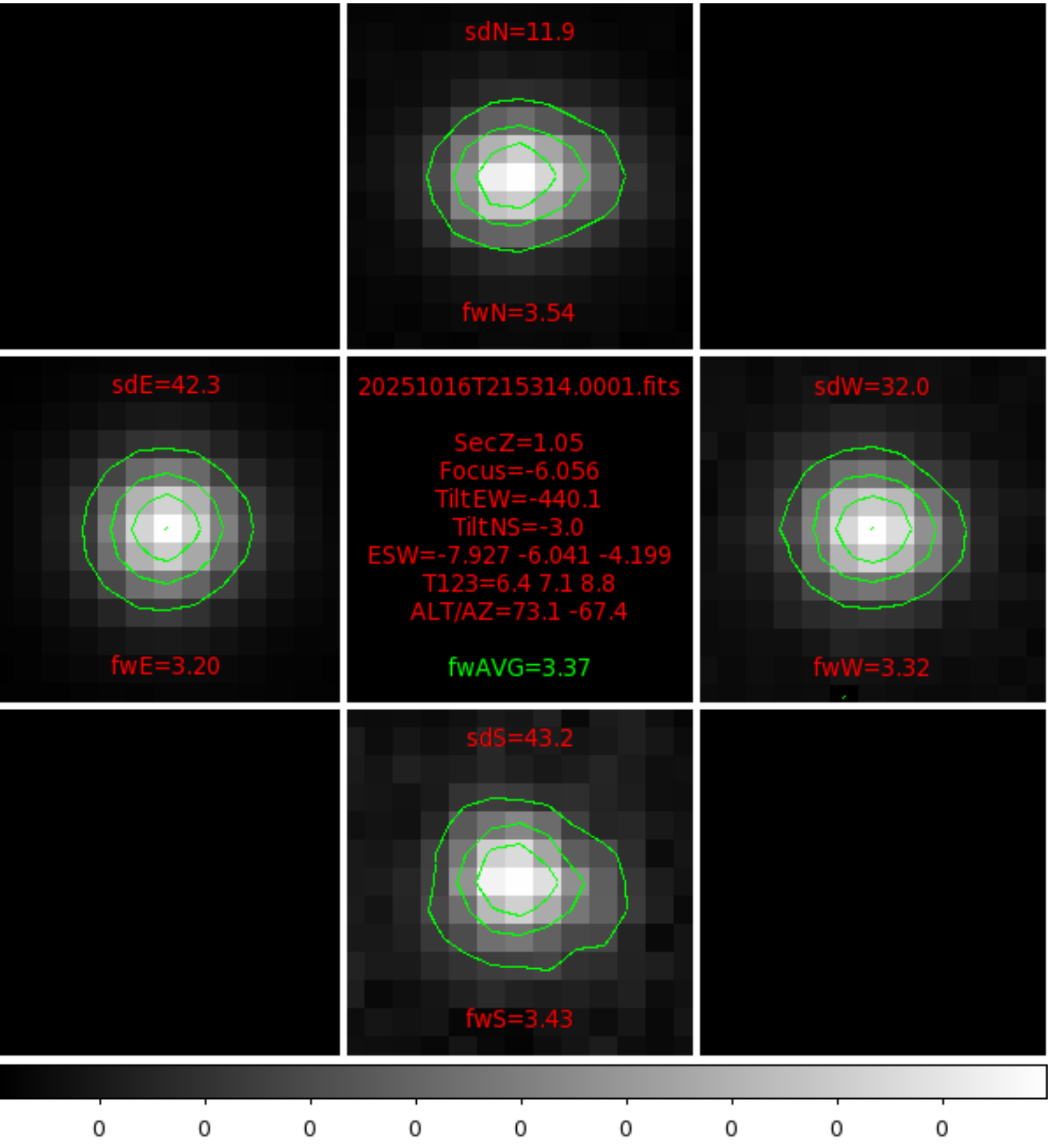
sdN=11.9
fwN=3.54
sdE=42.3
fwE=3.20
20251016T215314.0001.fits
SecZ=1.05
Focus=-6.056
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.927 -6.041 -4.199
T123=6.4 7.1 8.8
ALT/AZ=73.1 -67.4
fwAVG=3.37
sdW=32.0
fwW=3.32
sdS=43.2
fwS=3.43
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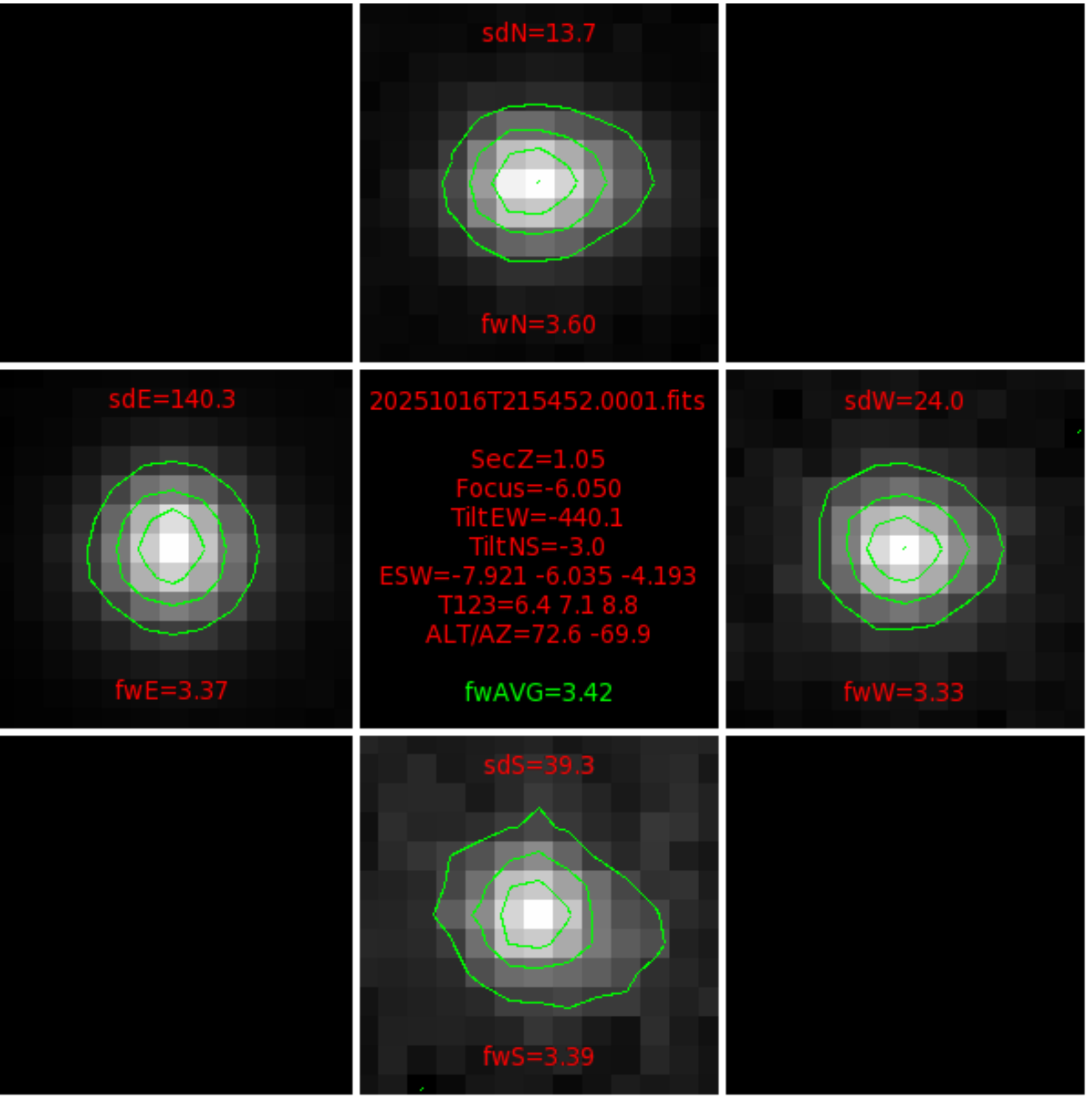
sdN=13.7
fwN=3.60
sdE=140.3
fwE=3.37
20251016T215452.0001.fits
SecZ=1.05
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.4 7.1 8.8
ALT/AZ=72.6 -69.9
fwAVG=3.42
sdW=24.0
fwW=3.33
sdS=39.3
fwS=3.39
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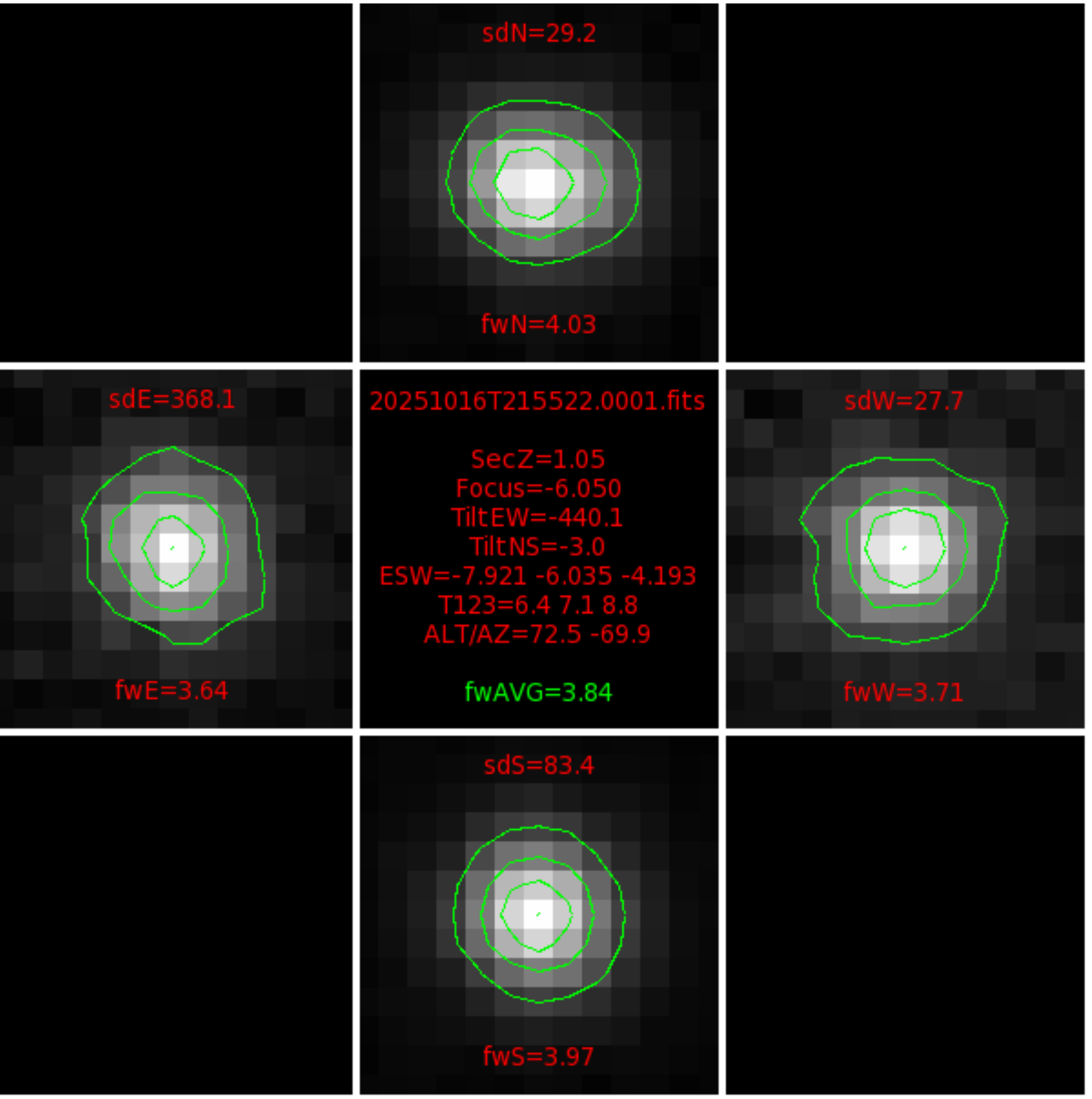
sdN=29.2
fwN=4.03
sdE=368.1
fwE=3.64
20251016T215522.0001.fits
SecZ=1.05
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.4 7.1 8.8
ALT/AZ=72.5 -69.9
fwAVG=3.84
sdW=27.7
fwW=3.71
sdS=83.4
fwS=3.97
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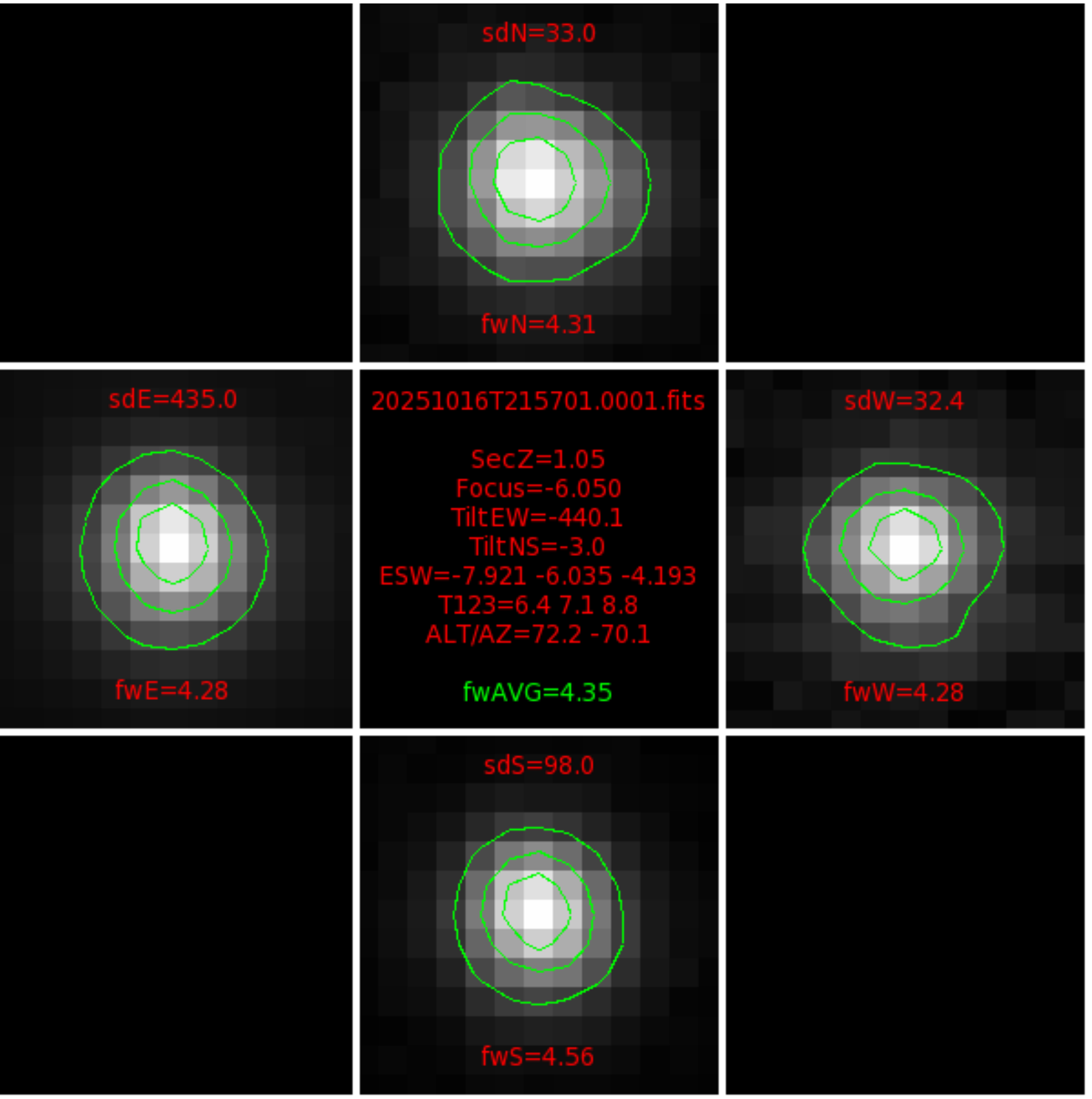
sdN=33.0
fwN=4.31
sdE=435.0
fwE=4.28
20251016T215701.0001.fits
SecZ=1.05
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.4 7.1 8.8
ALT/AZ=72.2 -70.1
fwAVG=4.35
sdW=32.4
fwW=4.28
sdS=98.0
fwS=4.56
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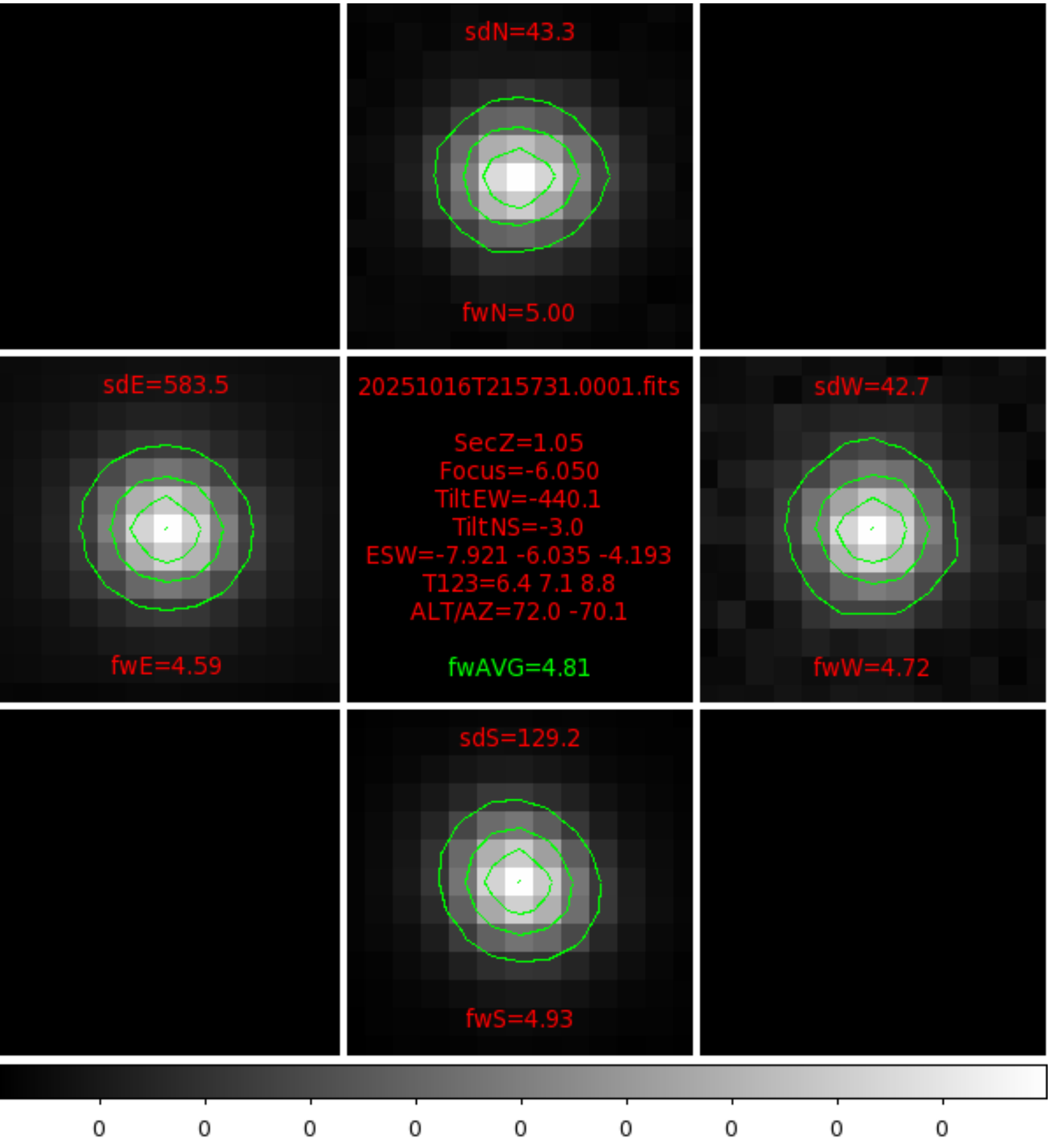
sdN=43.3
fwN=5.00
sdE=583.5
fwE=4.59
20251016T215731.0001.fits
SecZ=1.05
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.4 7.1 8.8
ALT/AZ=72.0 -70.1
fwAVG=4.81
sdW=42.7
fwW=4.72
sdS=129.2
fwS=4.93
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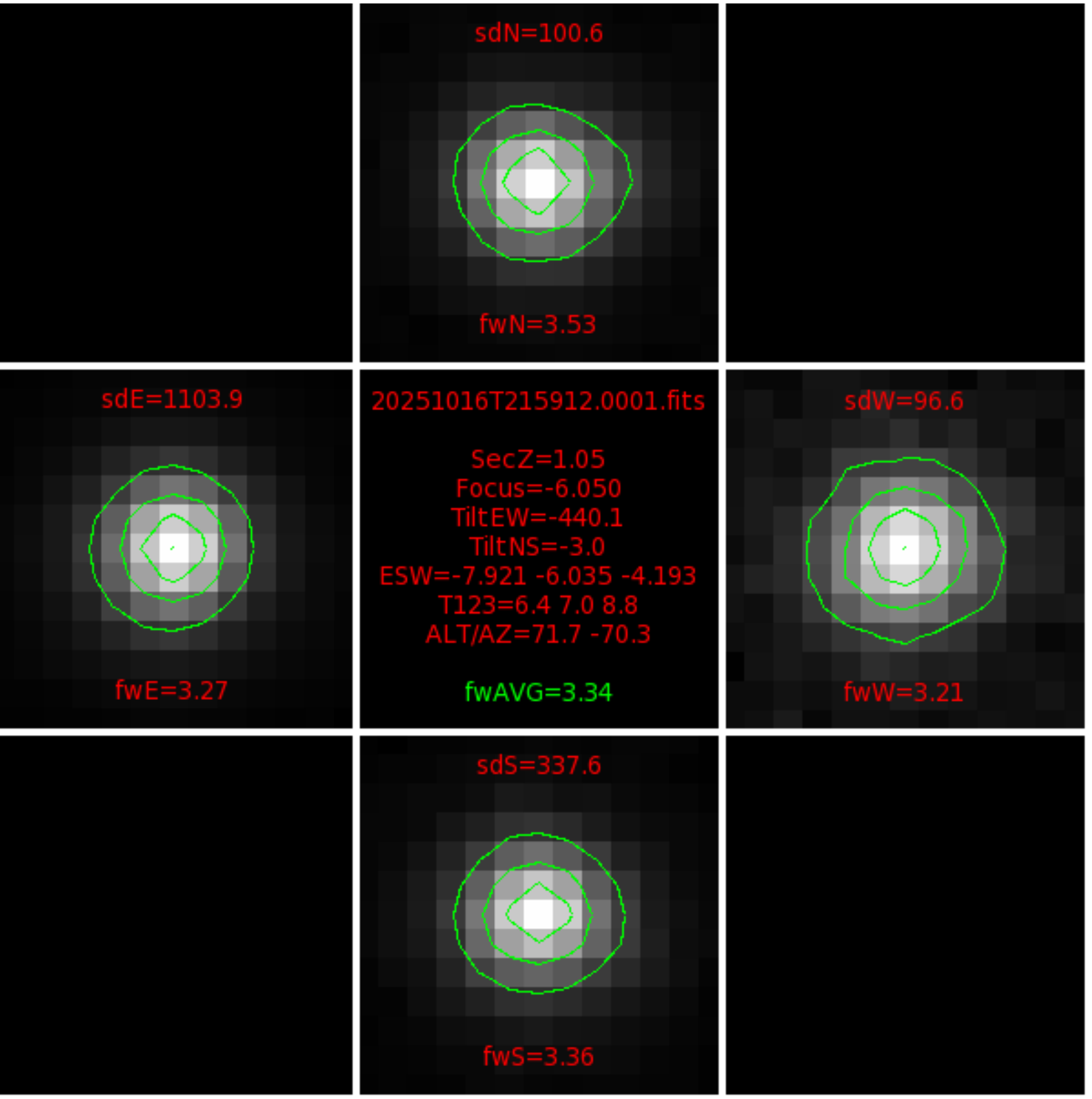
sdN=100.6
fwN=3.53
sdE=1103.9
fwE=3.27
20251016T215912.0001.fits
SecZ=1.05
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.4 7.0 8.8
ALT/AZ=71.7 -70.3
fwAVG=3.34
sdW=96.6
fwW=3.21
sdS=337.6
fwS=3.36
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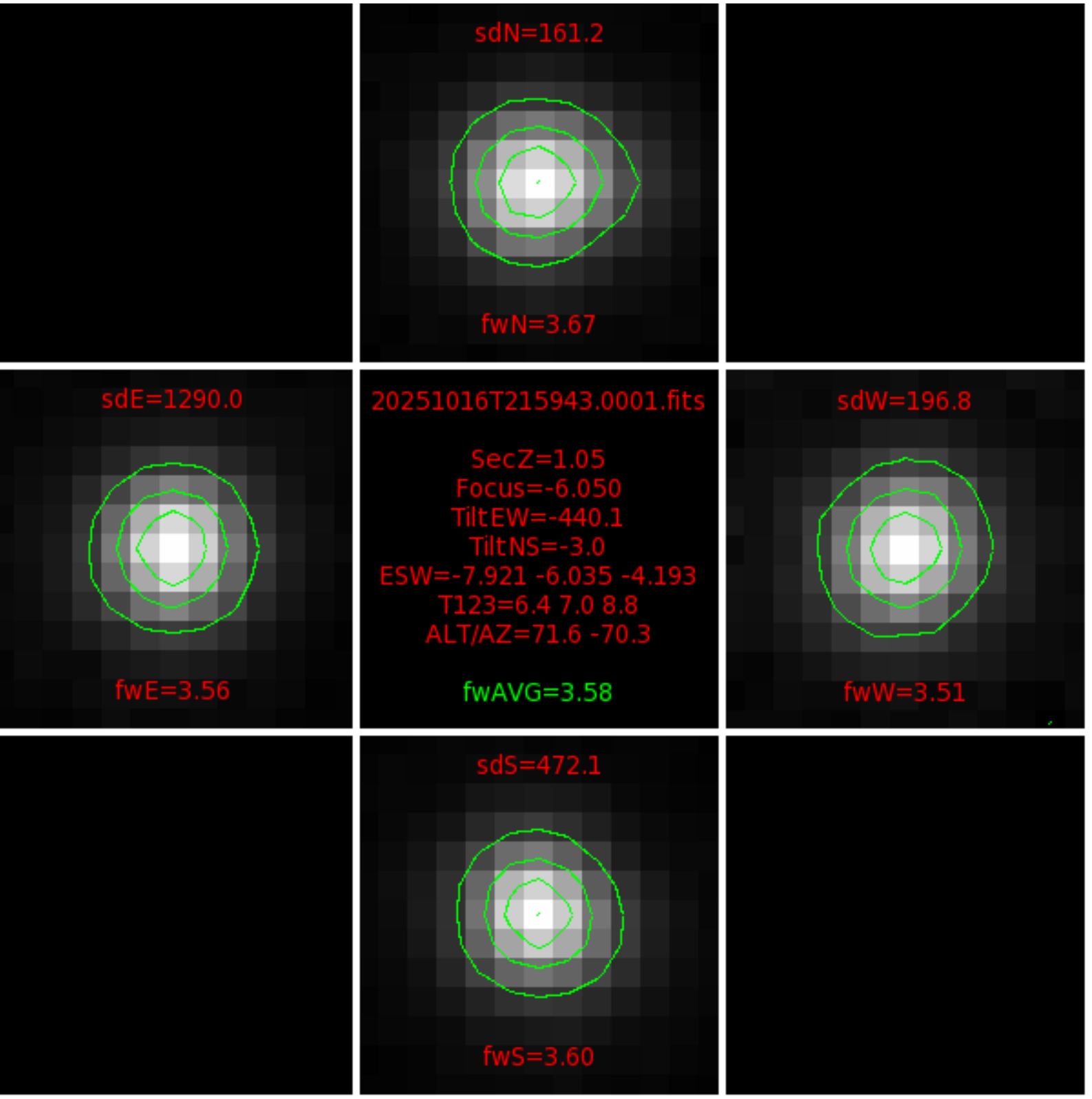
sdN=161.2
fwN=3.67
sdE=1290.0
fwE=3.56
20251016T215943.0001.fits
SecZ=1.05
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.4 7.0 8.8
ALT/AZ=71.6 -70.3
fwAVG=3.58
sdW=196.8
fwW=3.51
sdS=472.1
fwS=3.60
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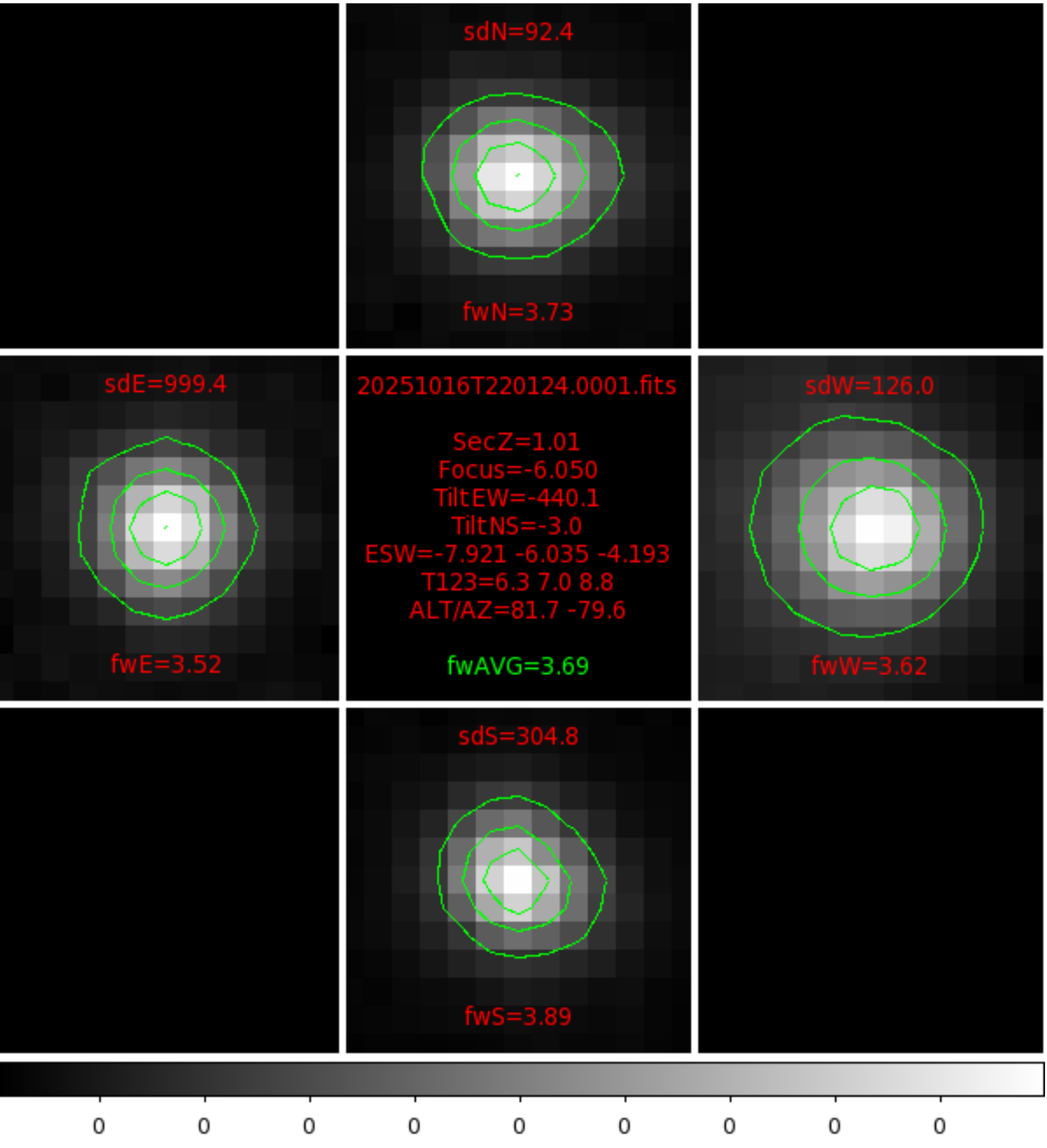
sdN=92.4
fwN=3.73
sdE=999.4
fwE=3.52
20251016T220124.0001.fits
SecZ=1.01
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.3 7.0 8.8
ALT/AZ=81.7 -79.6
fwAVG=3.69
sdW=126.0
fwW=3.62
sdS=304.8
fwS=3.89
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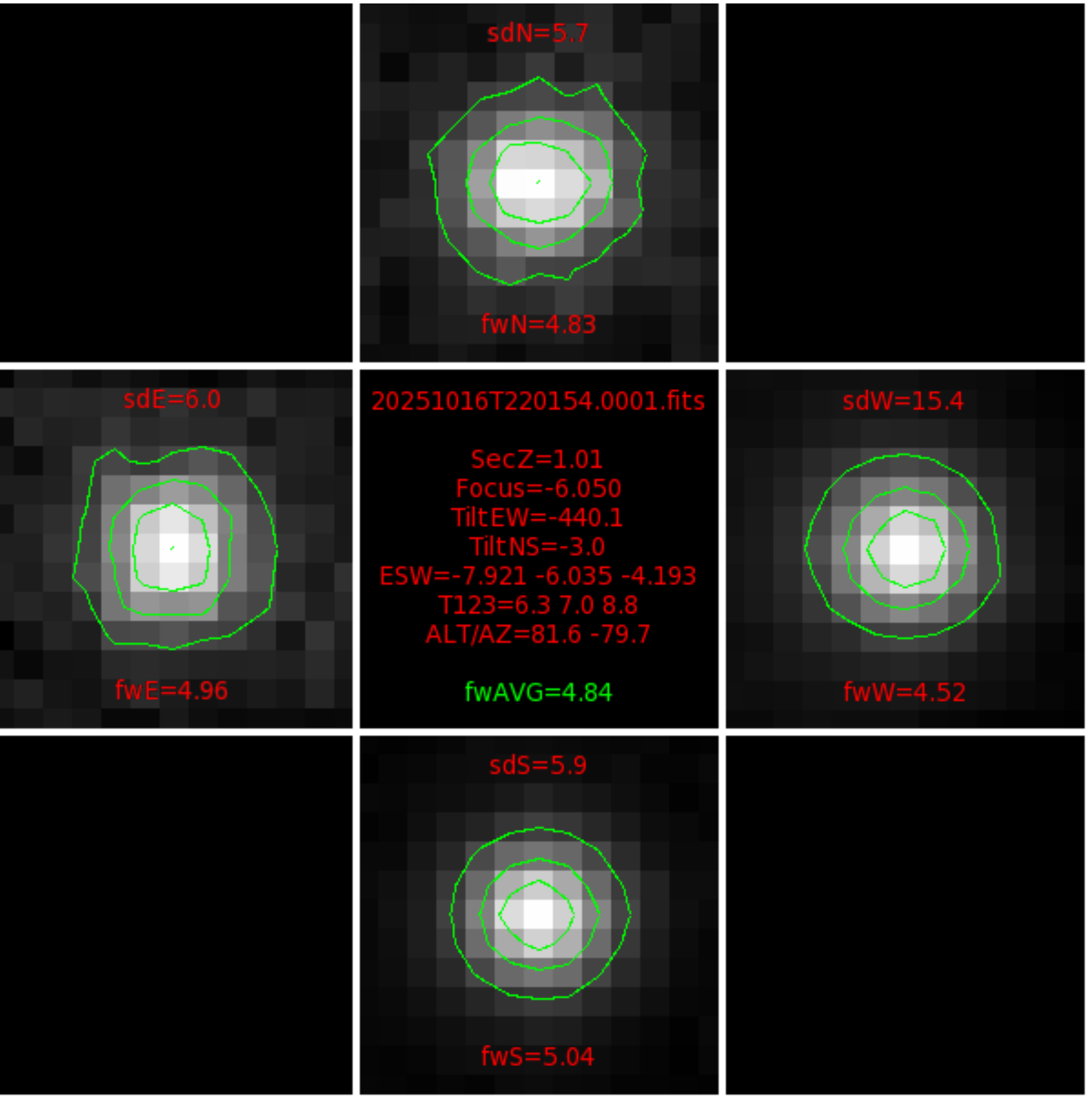
sdN=5.7
fwN=4.83
sdE=6.0
fwE=4.96
20251016T220154.0001.fits
SecZ=1.01
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.3 7.0 8.8
ALT/AZ=81.6 -79.7
fwAVG=4.84
sdW=15.4
fwW=4.52
sdS=5.9
fwS=5.04
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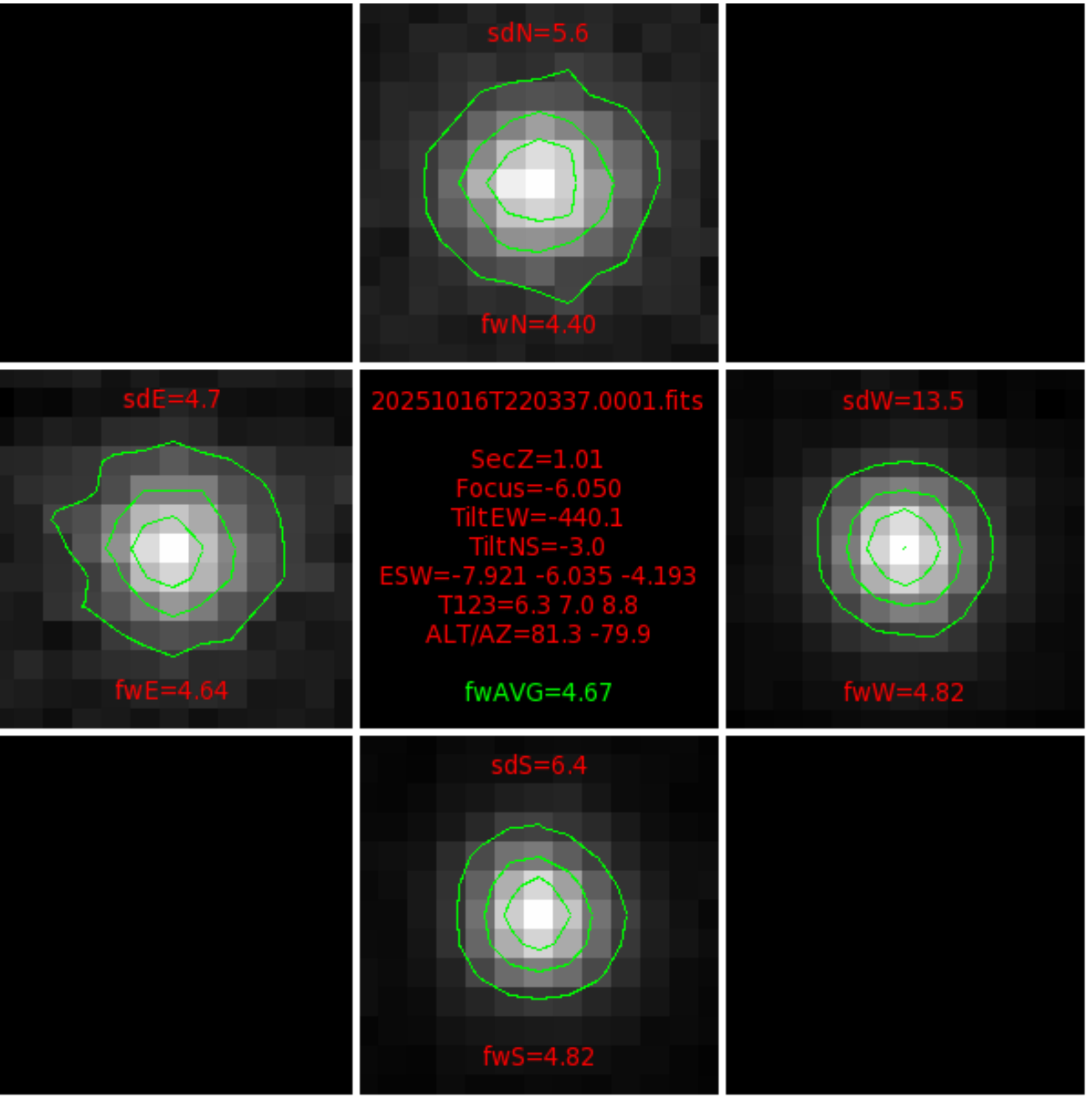
sdN=5.6
fwN=4.40
sdE=4.7
fwE=4.64
20251016T220337.0001.fits
SecZ=1.01
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.3 7.0 8.8
ALT/AZ=81.3 -79.9
fwAVG=4.67
sdW=13.5
fwW=4.82
sdS=6.4
fwS=4.82
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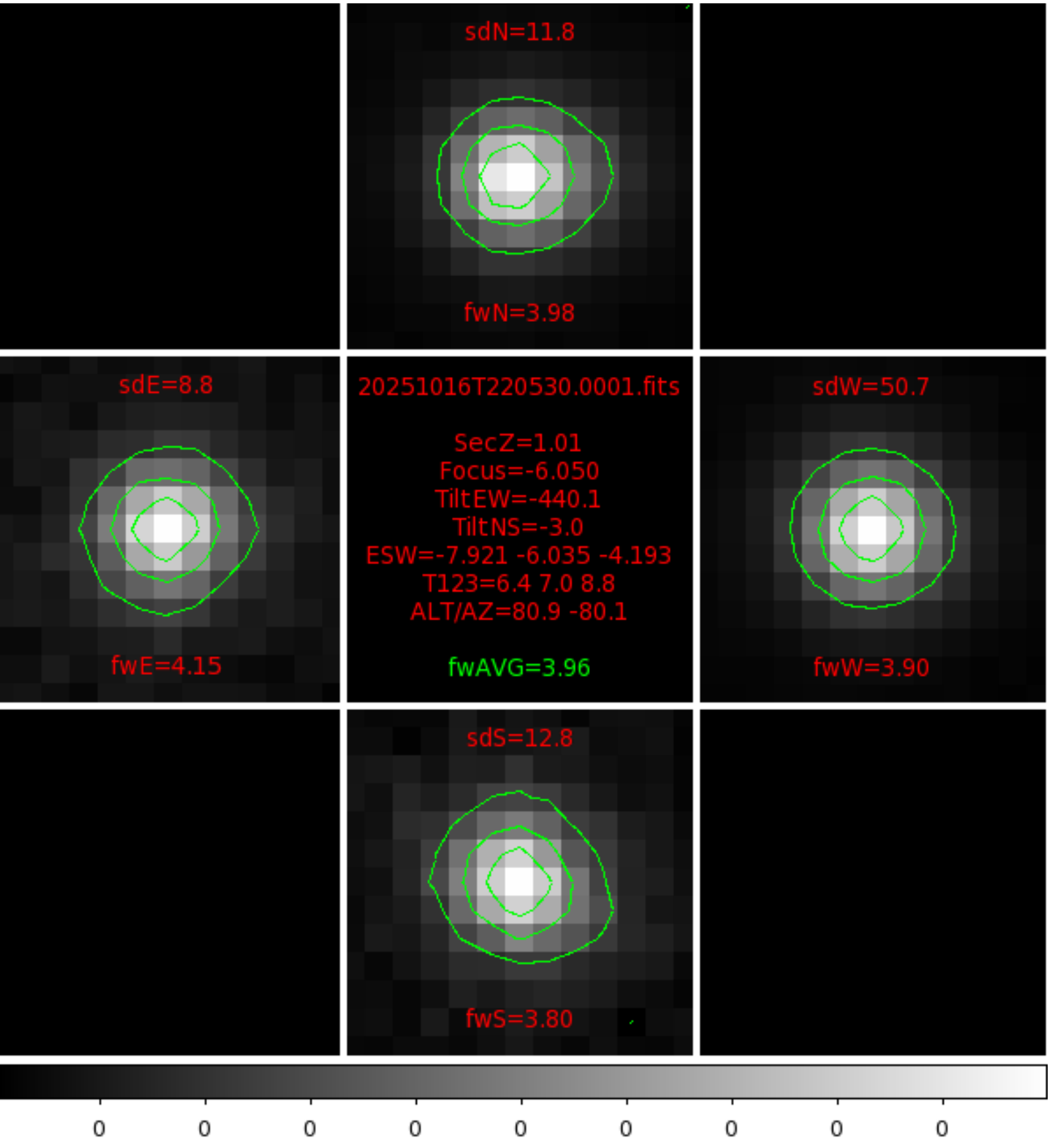
sdN=11.8
fwN=3.98
sdE=8.8
fwE=4.15
20251016T220530.0001.fits
SecZ=1.01
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.4 7.0 8.8
ALT/AZ=80.9 -80.1
fwAVG=3.96
sdW=50.7
fwW=3.90
sdS=12.8
fwS=3.80
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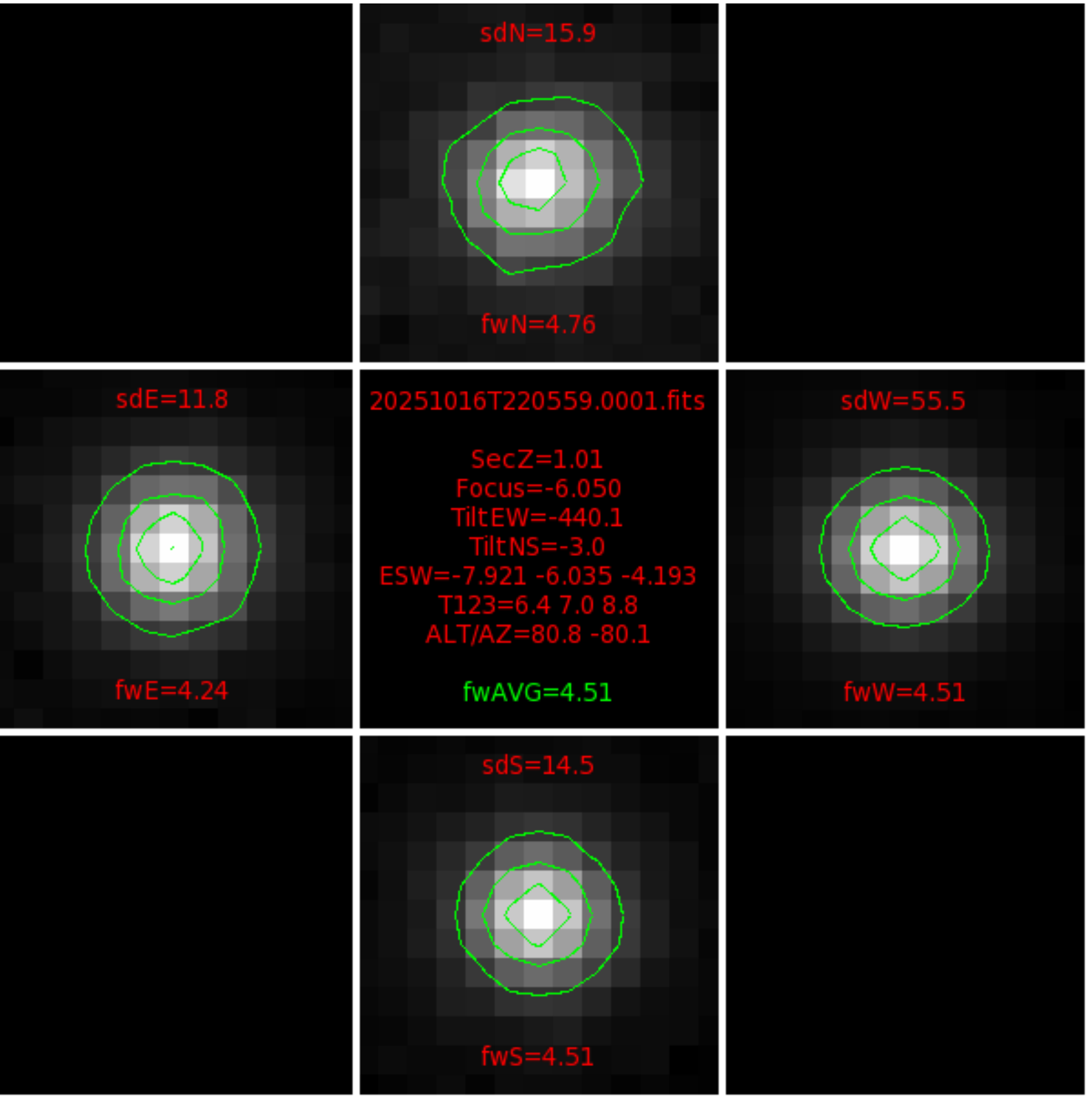
sdN=15.9
fwN=4.76
sdE=11.8
fwE=4.24
20251016T220559.0001.fits
SecZ=1.01
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.4 7.0 8.8
ALT/AZ=80.8 -80.1
fwAVG=4.51
sdW=55.5
fwW=4.51
sdS=14.5
fwS=4.51
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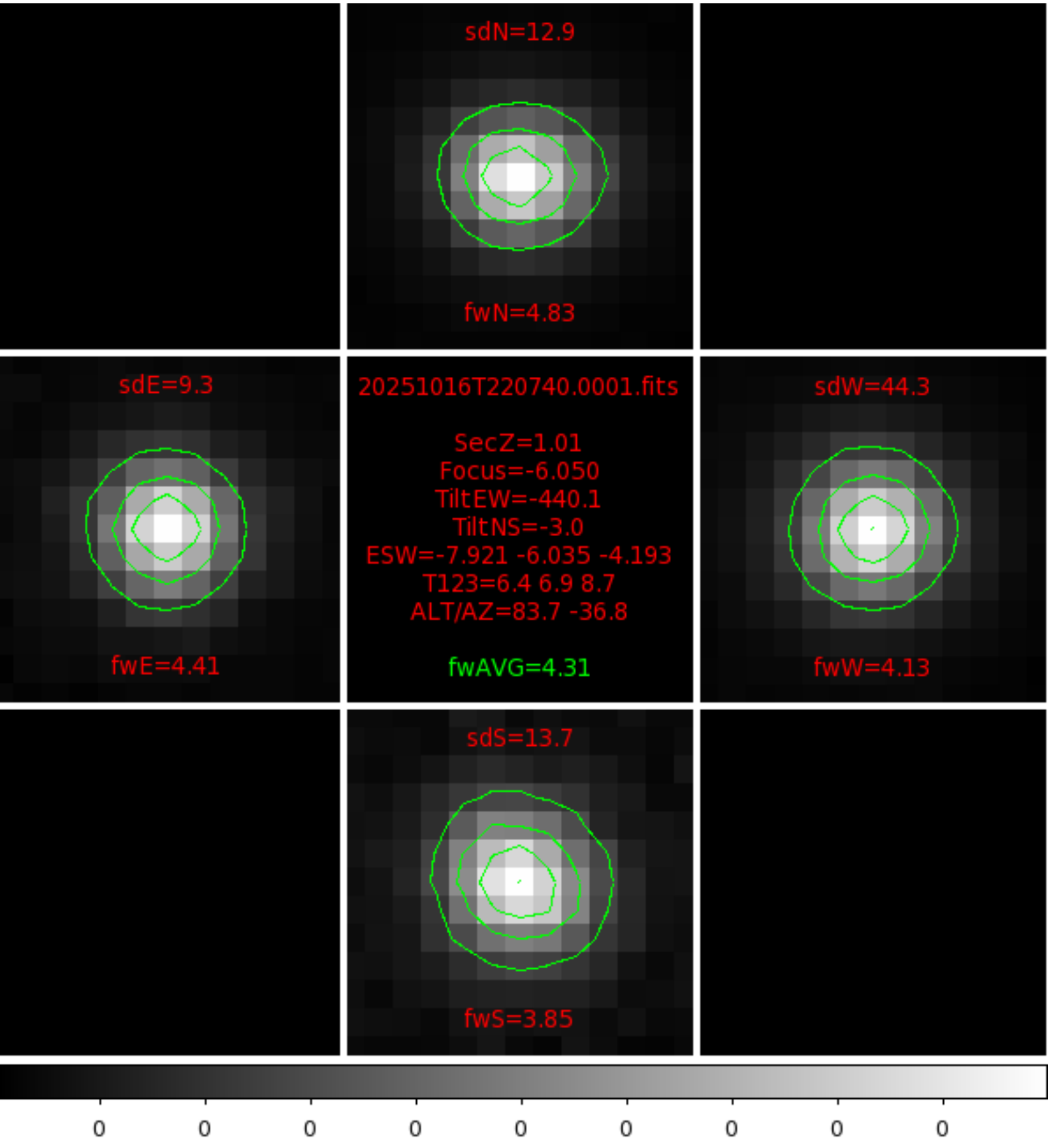
sdN=12.9
fwN=4.83
sdE=9.3
fwE=4.41
20251016T220740.0001.fits
SecZ=1.01
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.4 6.9 8.7
ALT/AZ=83.7 -36.8
fwAVG=4.31
sdW=44.3
fwW=4.13
sdS=13.7
fwS=3.85
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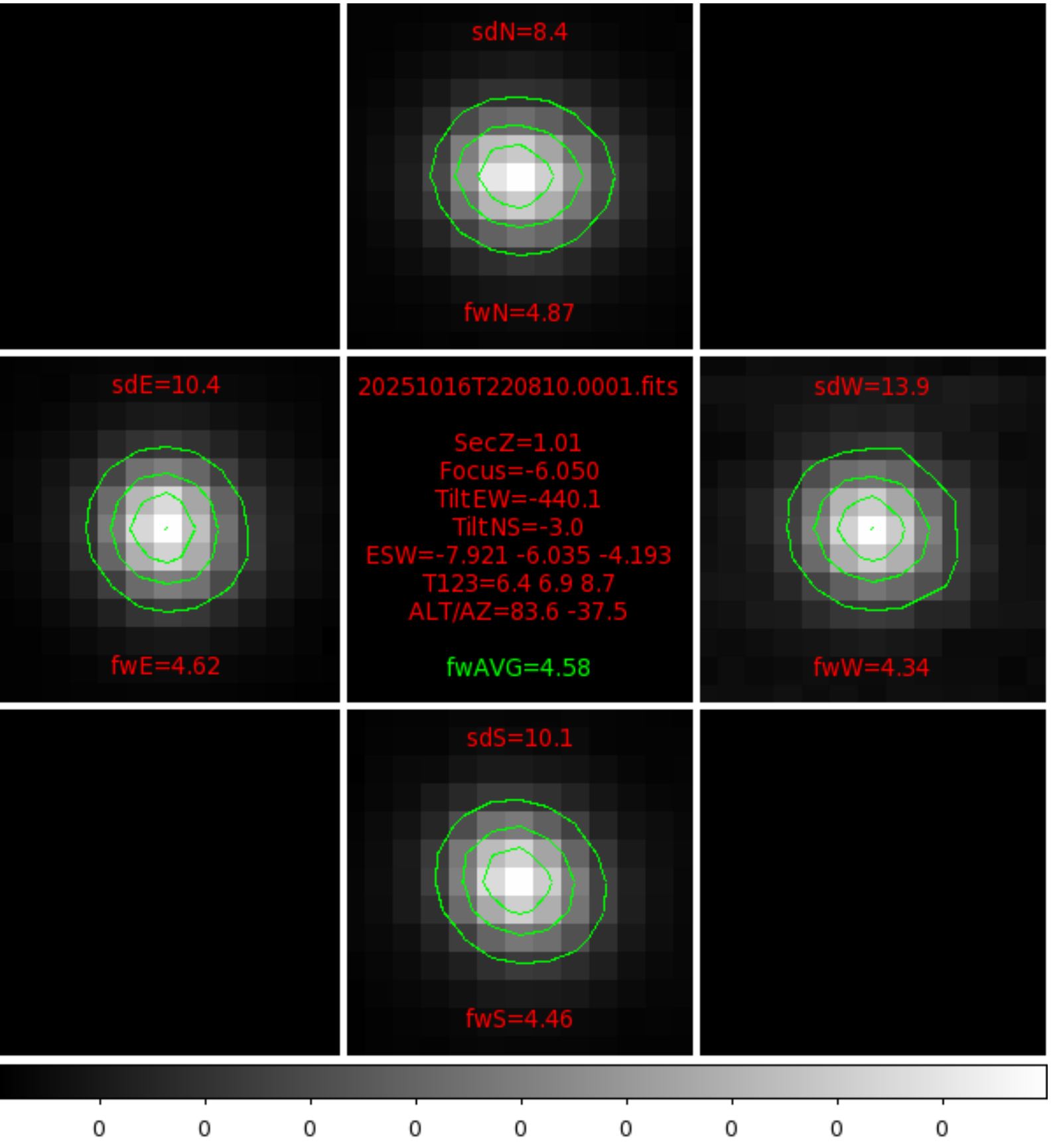
sdN=8.4
fwN=4.87
sdE=10.4
fwE=4.62
20251016T220810.0001.fits
SecZ=1.01
Focus=-6.050
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.921 -6.035 -4.193
T123=6.4 6.9 8.7
ALT/AZ=83.6 -37.5
fwAVG=4.58
sdW=13.9
fwW=4.34
sdS=10.1
fwS=4.46
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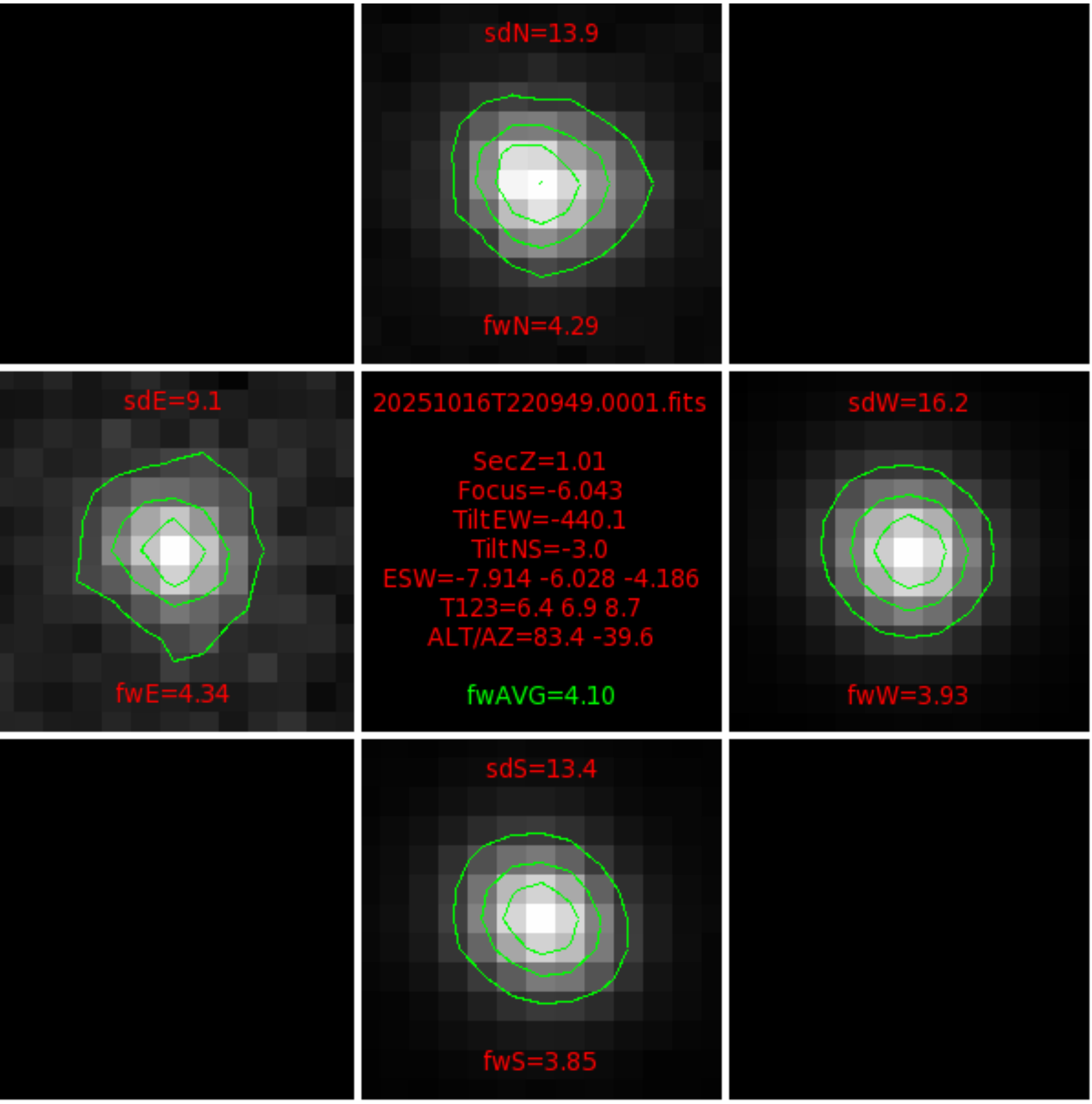
sdN=13.9
fwN=4.29
sdE=9.1
fwE=4.34
20251016T220949.0001.fits
SecZ=1.01
Focus=-6.043
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.914 -6.028 -4.186
T123=6.4 6.9 8.7
ALT/AZ=83.4 -39.6
fwAVG=4.10
sdW=16.2
fwW=3.93
sdS=13.4
fwS=3.85
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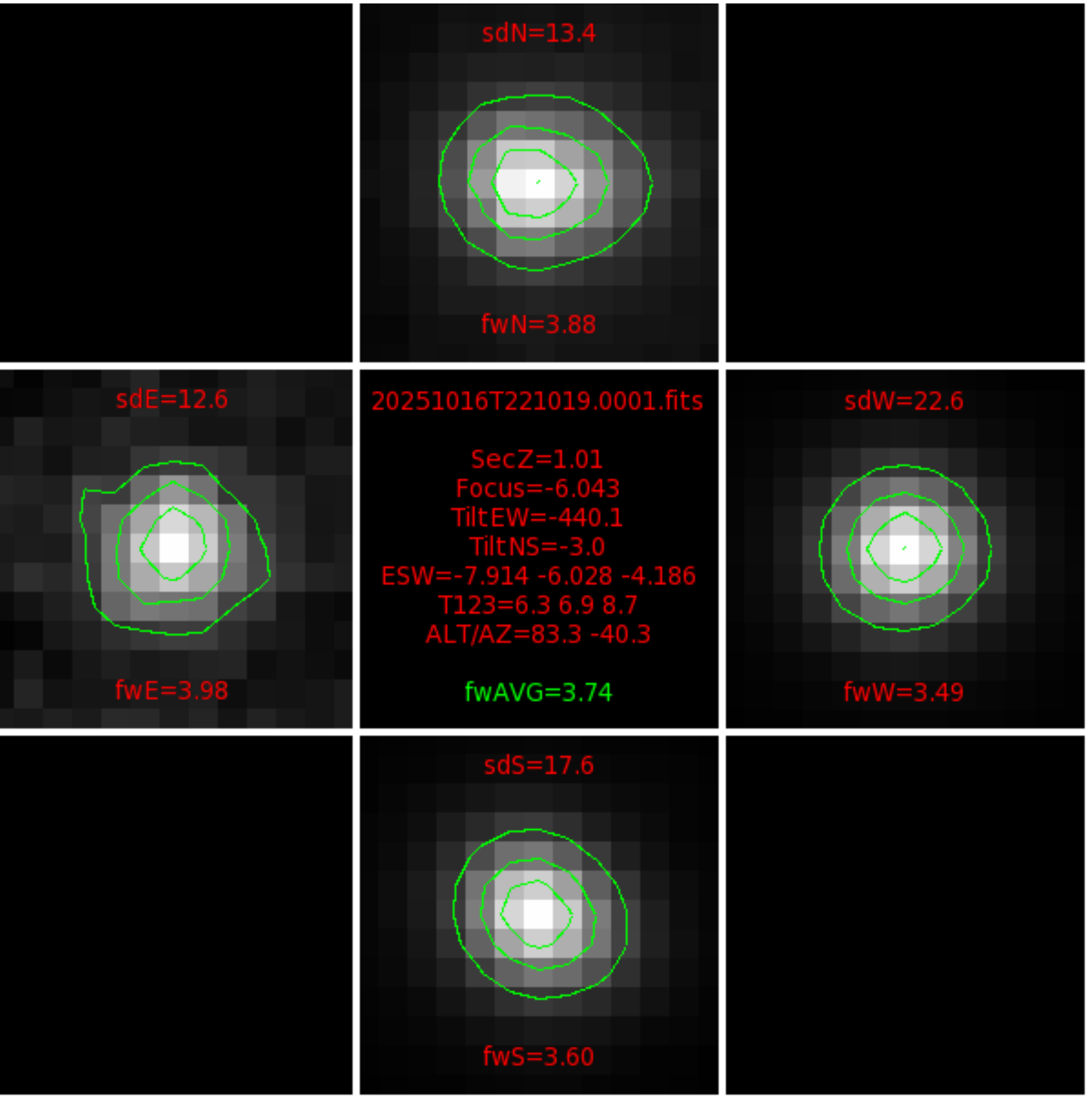
sdN=13.4
fwN=3.88
sdE=12.6
fwE=3.98
20251016T221019.0001.fits
SecZ=1.01
Focus=-6.043
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.914 -6.028 -4.186
T123=6.3 6.9 8.7
ALT/AZ=83.3 -40.3
fwAVG=3.74
sdW=22.6
fwW=3.49
sdS=17.6
fwS=3.60
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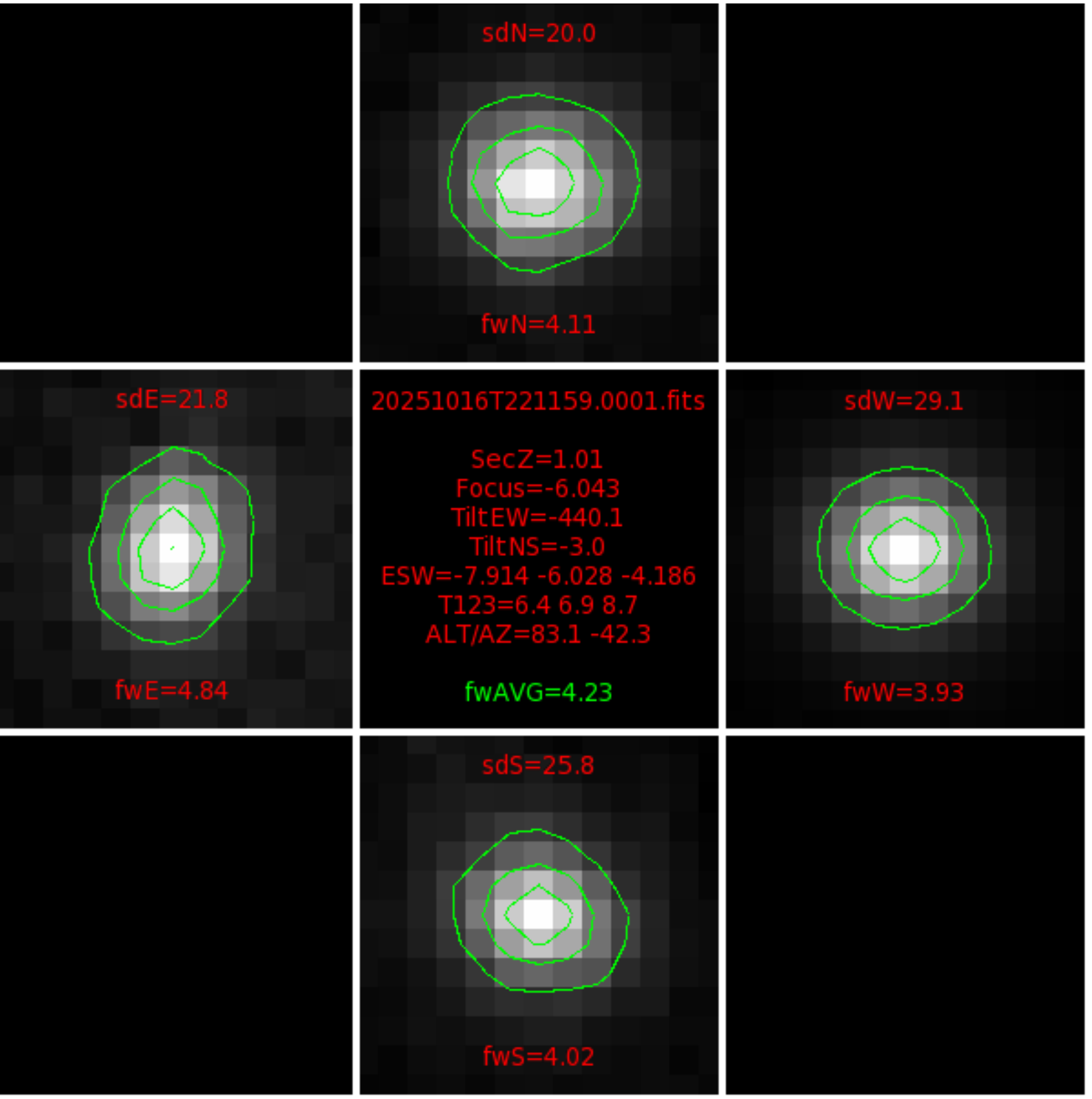
sdN=20.0
fwN=4.11
sdE=21.8
fwE=4.84
20251016T221159.0001.fits
SecZ=1.01
Focus=-6.043
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.914 -6.028 -4.186
T123=6.4 6.9 8.7
ALT/AZ=83.1 -42.3
fwAVG=4.23
sdW=29.1
fwW=3.93
sdS=25.8
fwS=4.02
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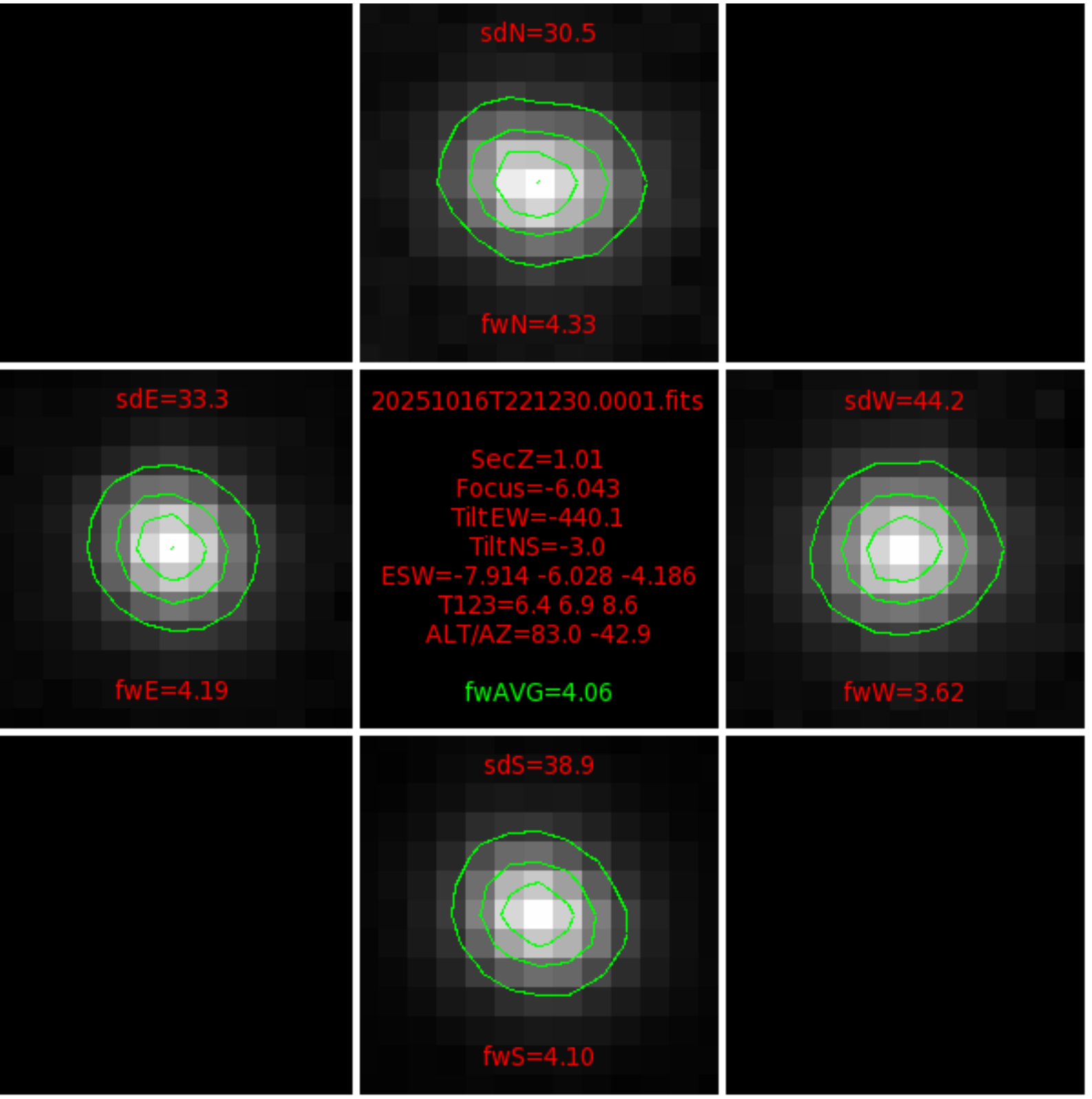
sdN=30.5
fwN=4.33
sdE=33.3
fwE=4.19
20251016T221230.0001.fits
SecZ=1.01
Focus=-6.043
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.914 -6.028 -4.186
T123=6.4 6.9 8.6
ALT/AZ=83.0 -42.9
fwAVG=4.06
sdW=44.2
fwW=3.62
sdS=38.9
fwS=4.10
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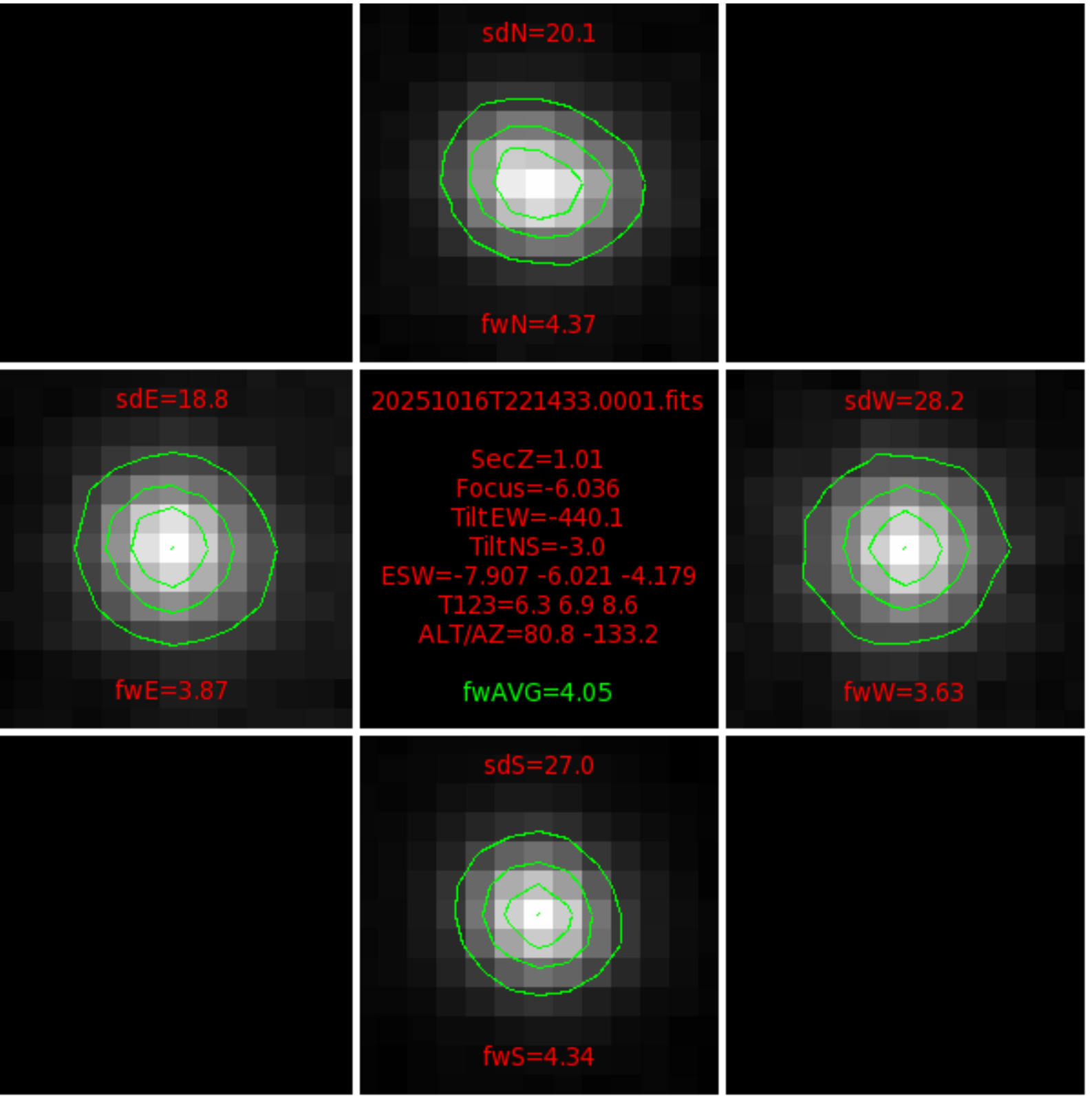
sdN=20.1
fwN=4.37
sdE=18.8
fwE=3.87
20251016T221433.0001.fits
SecZ=1.01
Focus=-6.036
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.907 -6.021 -4.179
T123=6.3 6.9 8.6
ALT/AZ=80.8 -133.2
fwAVG=4.05
sdW=28.2
fwW=3.63
sdS=27.0
fwS=4.34
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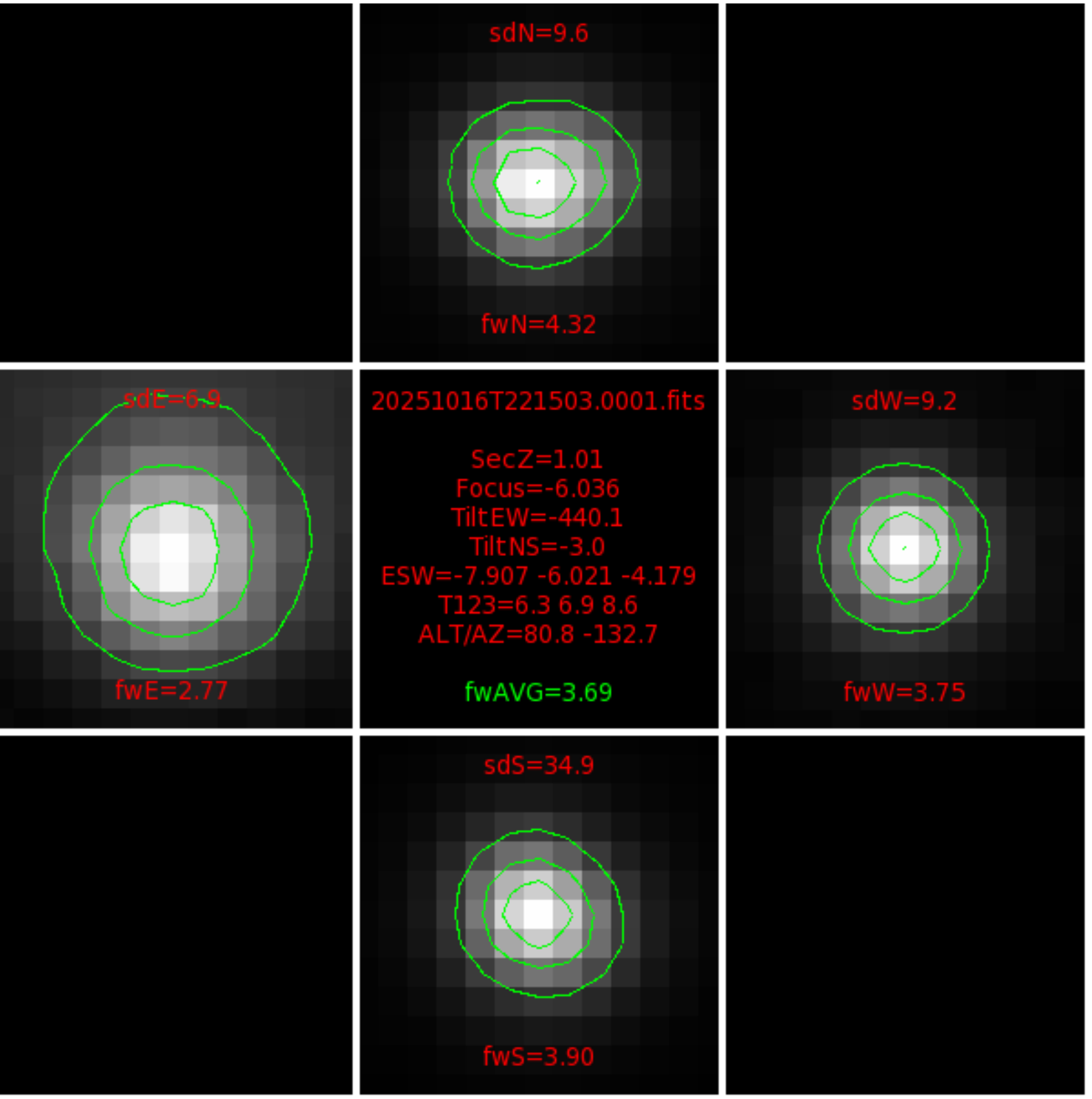
sdN=9.6
fwN=4.32
sdE=6.9
fwE=2.77
20251016T221503.0001.fits
SecZ=1.01
Focus=-6.036
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.907 -6.021 -4.179
T123=6.3 6.9 8.6
ALT/AZ=80.8 -132.7
fwAVG=3.69
sdW=9.2
fwW=3.75
sdS=34.9
fwS=3.90
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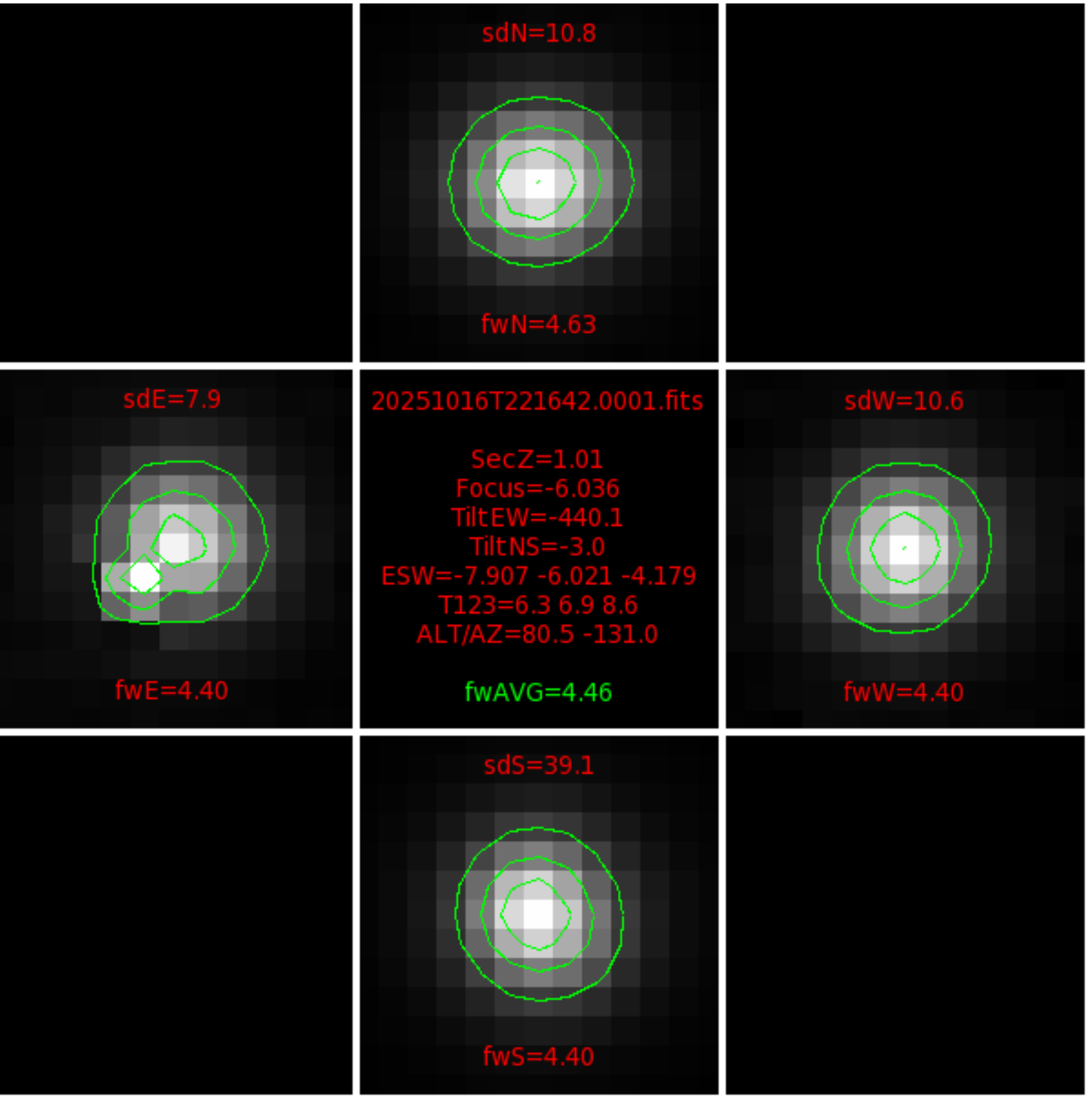
sdN=10.8
fwN=4.63
sdE=7.9
fwE=4.40
20251016T221642.0001.fits
SecZ=1.01
Focus=-6.036
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.907 -6.021 -4.179
T123=6.3 6.9 8.6
ALT/AZ=80.5 -131.0
fwAVG=4.46
sdW=10.6
fwW=4.40
sdS=39.1
fwS=4.40
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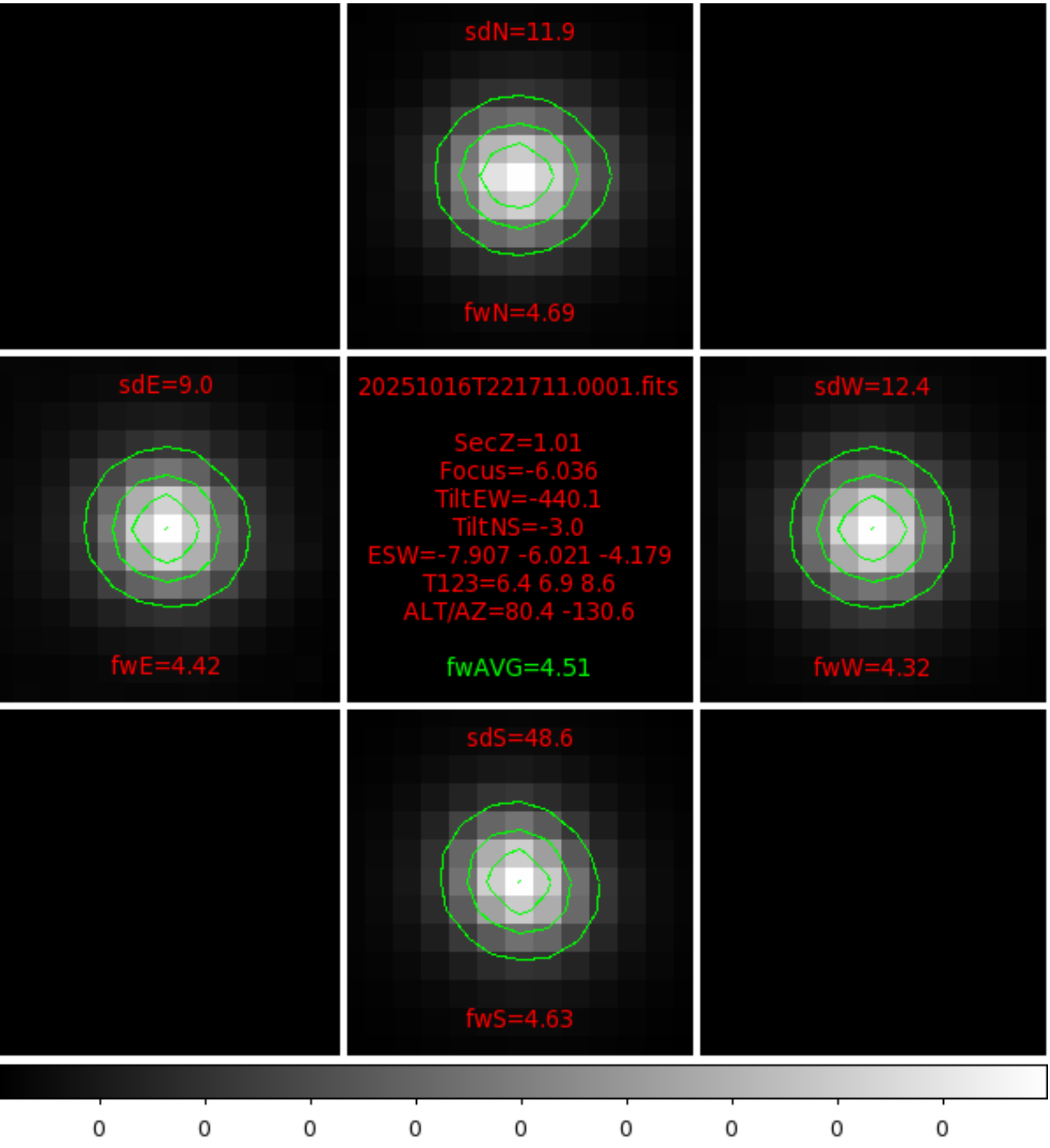
sdN=11.9
fwN=4.69
sdE=9.0
fwE=4.42
20251016T221711.0001.fits
SecZ=1.01
Focus=-6.036
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.907 -6.021 -4.179
T123=6.4 6.9 8.6
ALT/AZ=80.4 -130.6
fwAVG=4.51
sdW=12.4
fwW=4.32
sdS=48.6
fwS=4.63
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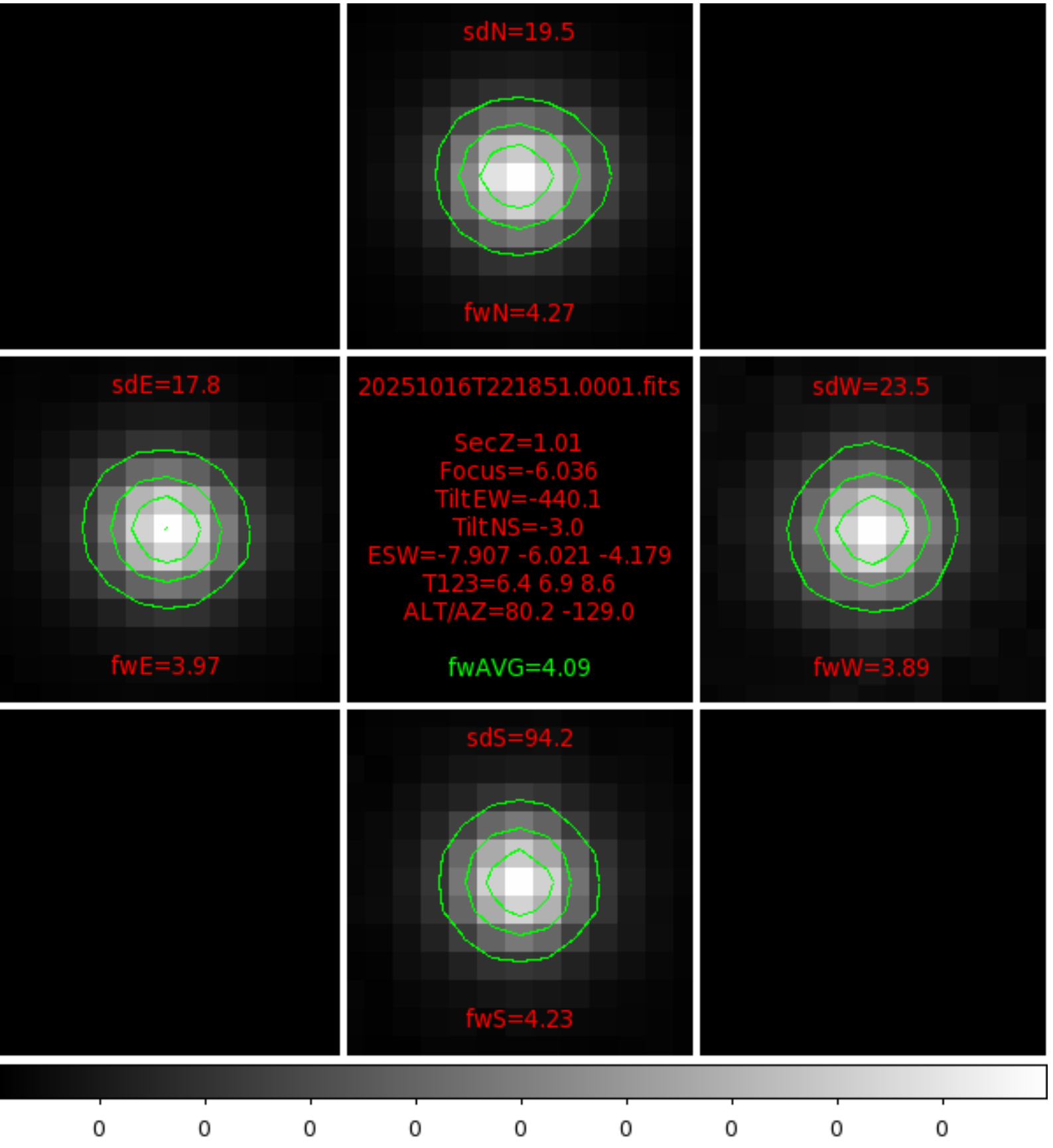
sdN=19.5
fwN=4.27
sdE=17.8
fwE=3.97
20251016T221851.0001.fits
SecZ=1.01
Focus=-6.036
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.907 -6.021 -4.179
T123=6.4 6.9 8.6
ALT/AZ=80.2 -129.0
fwAVG=4.09
sdW=23.5
fwW=3.89
sdS=94.2
fwS=4.23
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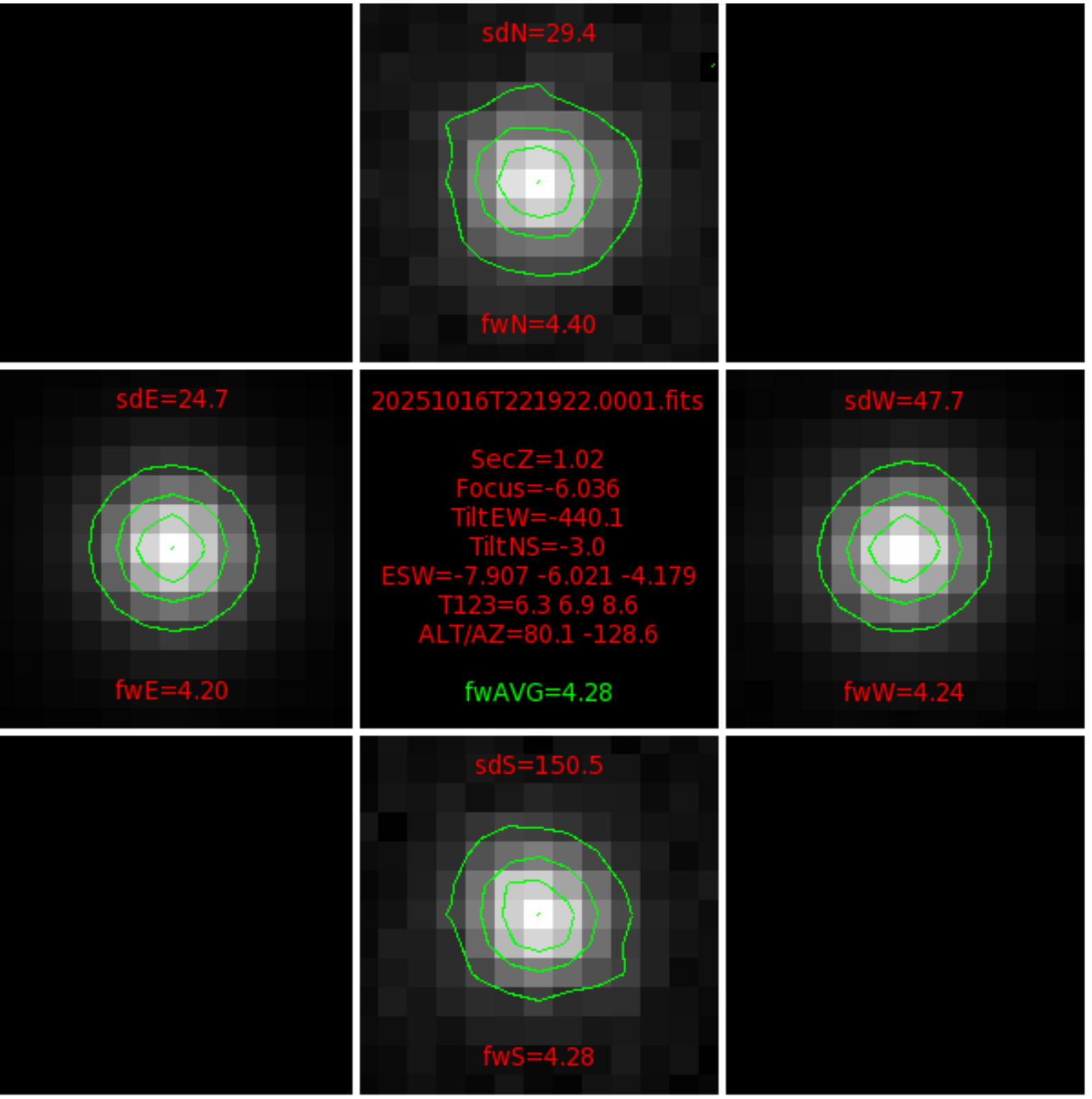
sdN=29.4
fwN=4.40
sdE=24.7
fwE=4.20
20251016T221922.0001.fits
SecZ=1.02
Focus=-6.036
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.907 -6.021 -4.179
T123=6.3 6.9 8.6
ALT/AZ=80.1 -128.6
fwAVG=4.28
sdW=47.7
fwW=4.24
sdS=150.5
fwS=4.28
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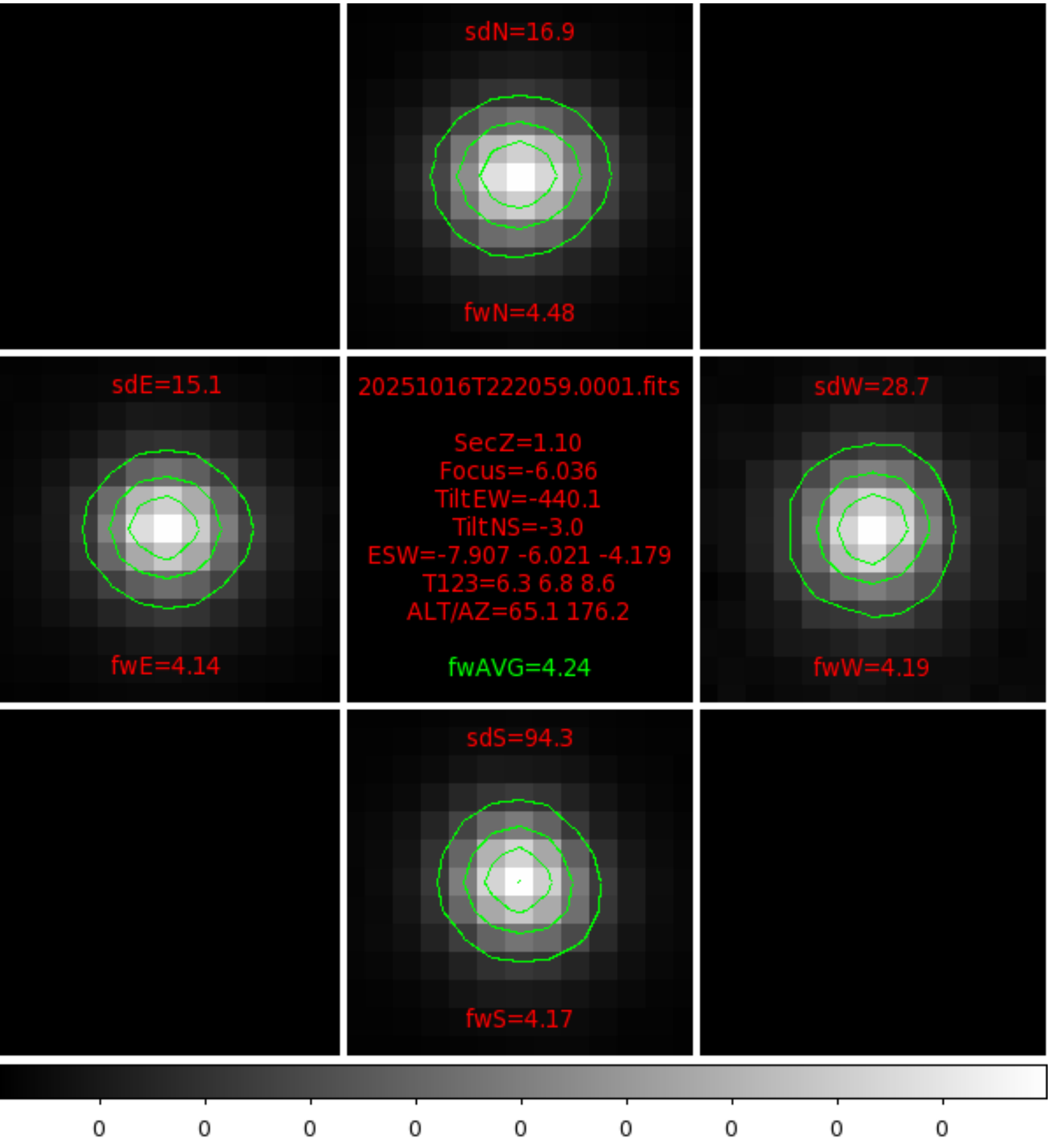
sdN=16.9
fwN=4.48
sdE=15.1
fwE=4.14
20251016T222059.0001.fits
SecZ=1.10
Focus=-6.036
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.907 -6.021 -4.179
T123=6.3 6.8 8.6
ALT/AZ=65.1 176.2
fwAVG=4.24
sdW=28.7
fwW=4.19
sdS=94.3
fwS=4.17
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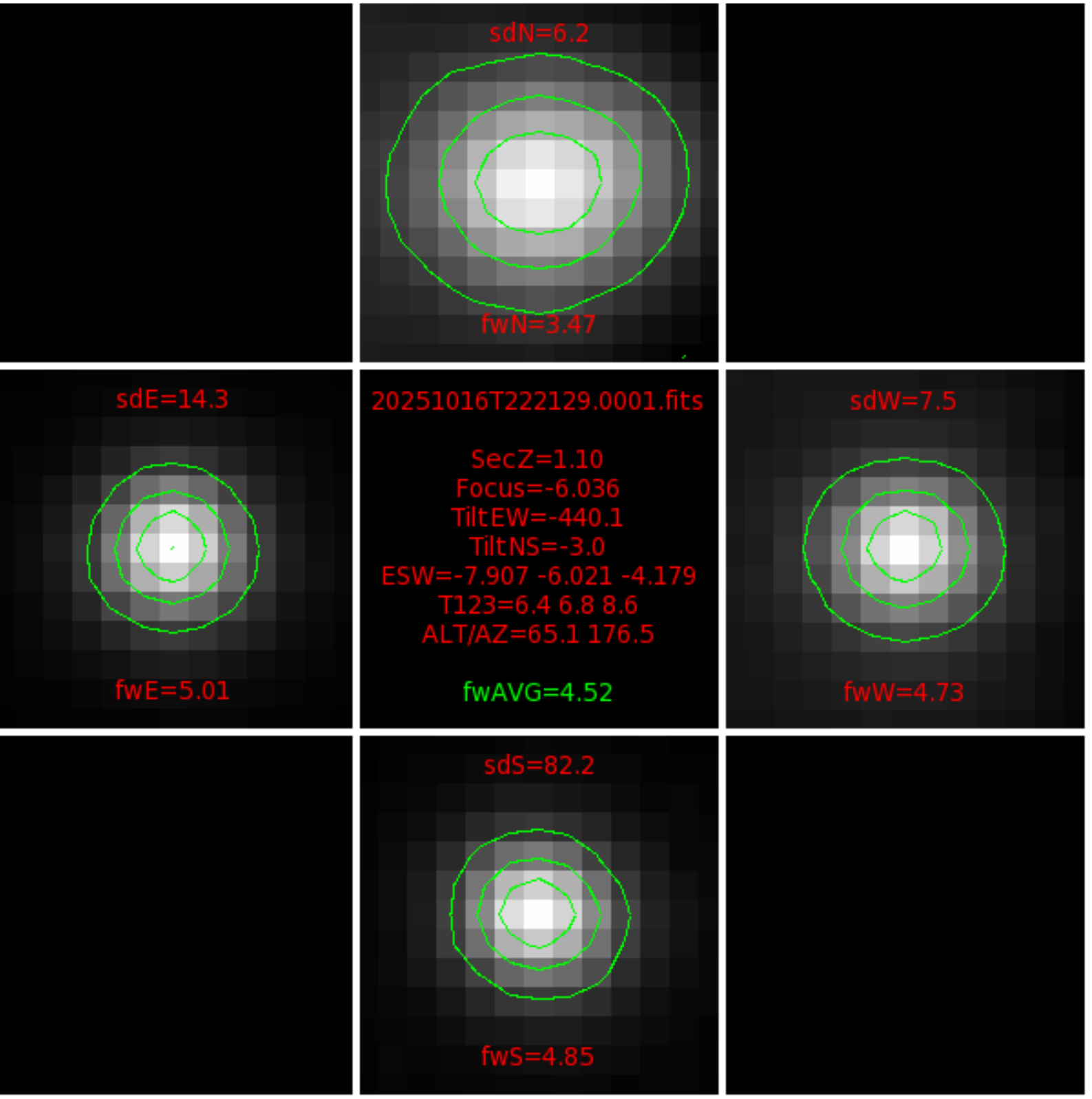
sdN=6.2
fwN=3.47
sdE=14.3
fwE=5.01
20251016T222129.0001.fits
SecZ=1.10
Focus=-6.036
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.907 -6.021 -4.179
T123=6.4 6.8 8.6
ALT/AZ=65.1 176.5
fwAVG=4.52
sdW=7.5
fwW=4.73
sdS=82.2
fwS=4.85
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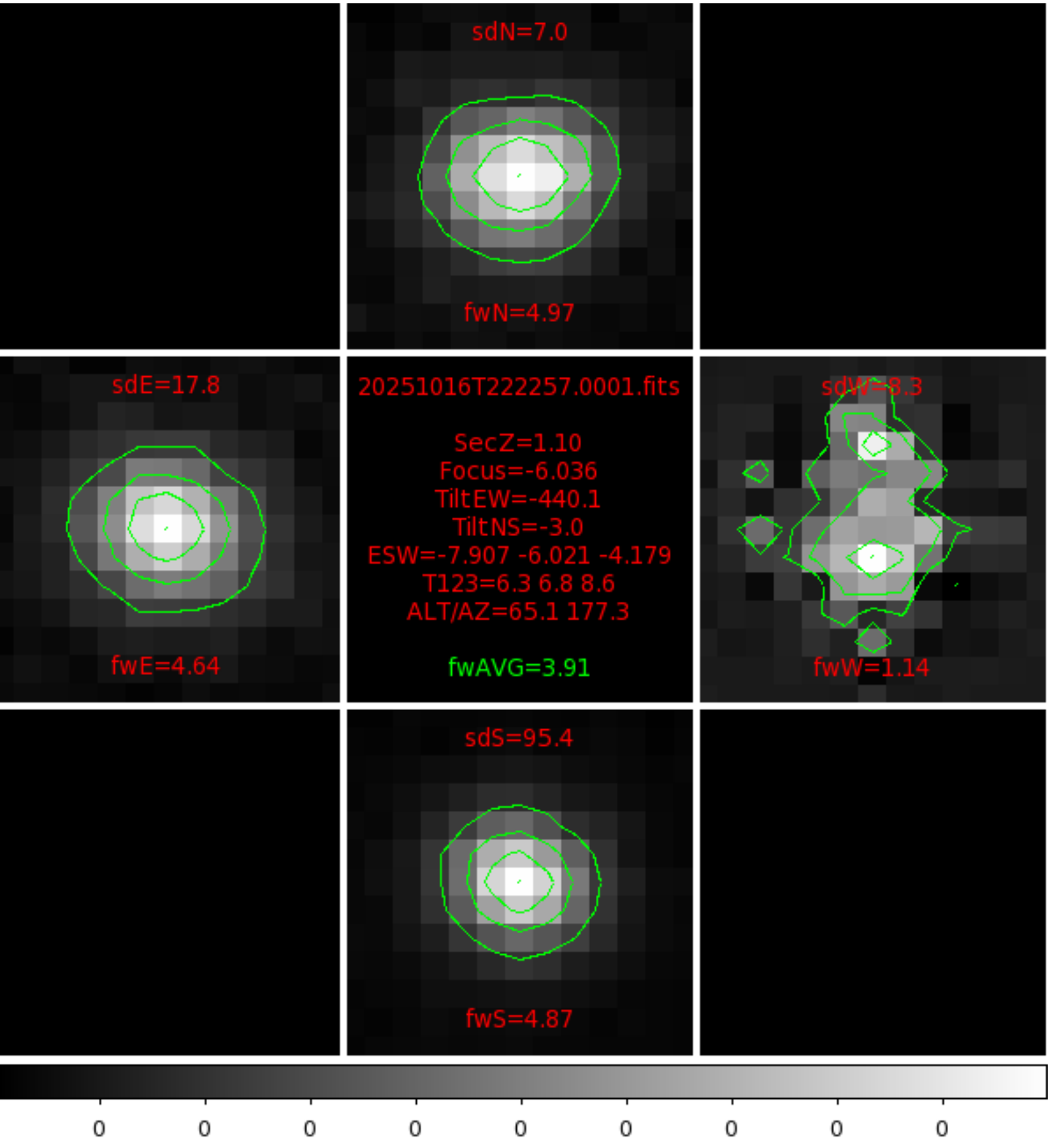
sdN=7.0
fwN=4.97
sdE=17.8
fwE=4.64
20251016T222257.0001.fits
SecZ=1.10
Focus=-6.036
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.907 -6.021 -4.179
T123=6.3 6.8 8.6
ALT/AZ=65.1 177.3
fwAVG=3.91
sdW=8.3
fwW=1.14
sdS=95.4
fwS=4.87
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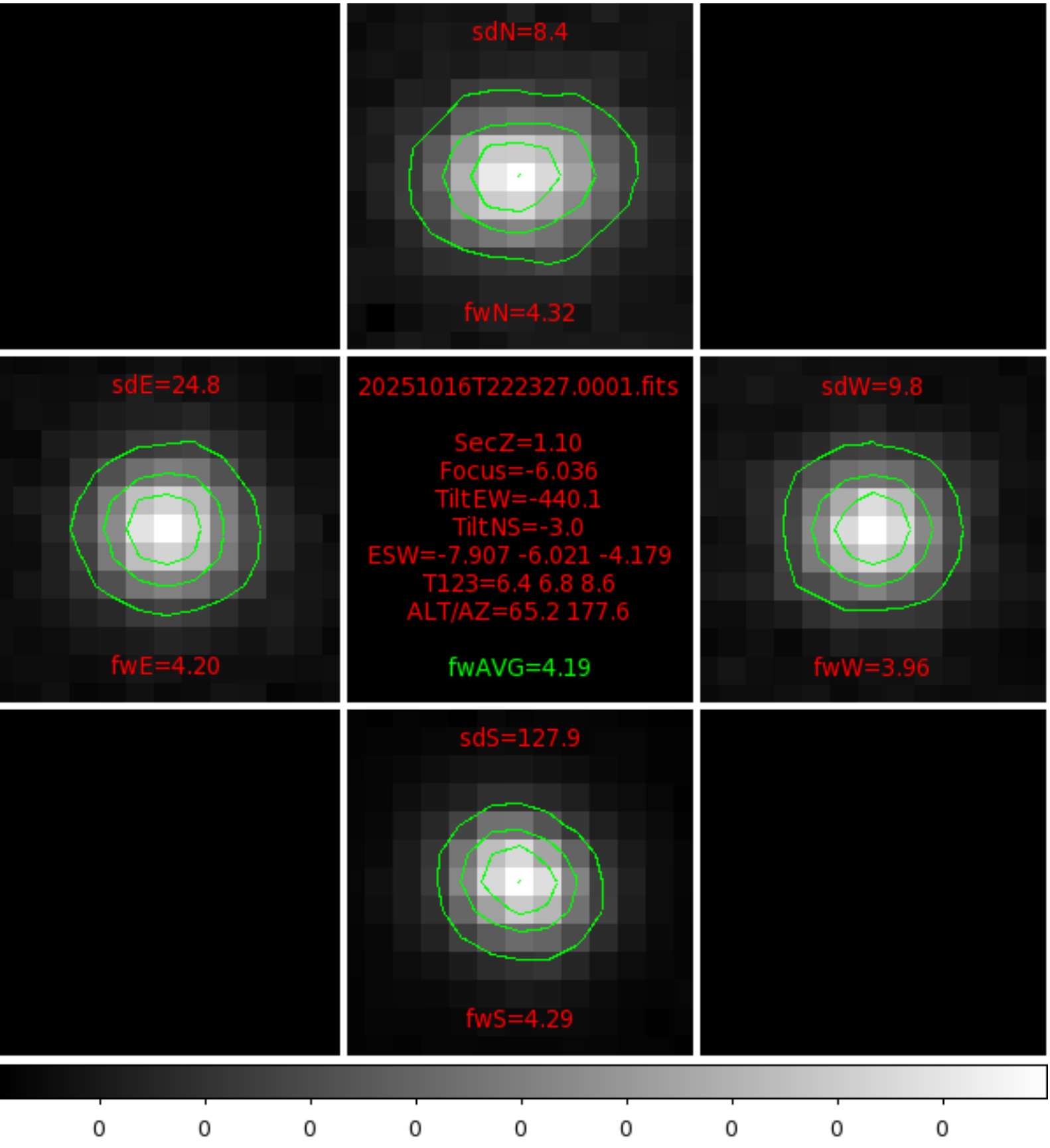
sdN=8.4
fwN=4.32
sdE=24.8
fwE=4.20
20251016T222327.0001.fits
SecZ=1.10
Focus=-6.036
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.907 -6.021 -4.179
T123=6.4 6.8 8.6
ALT/AZ=65.2 177.6
fwAVG=4.19
sdW=9.8
fwW=3.96
sdS=127.9
fwS=4.29
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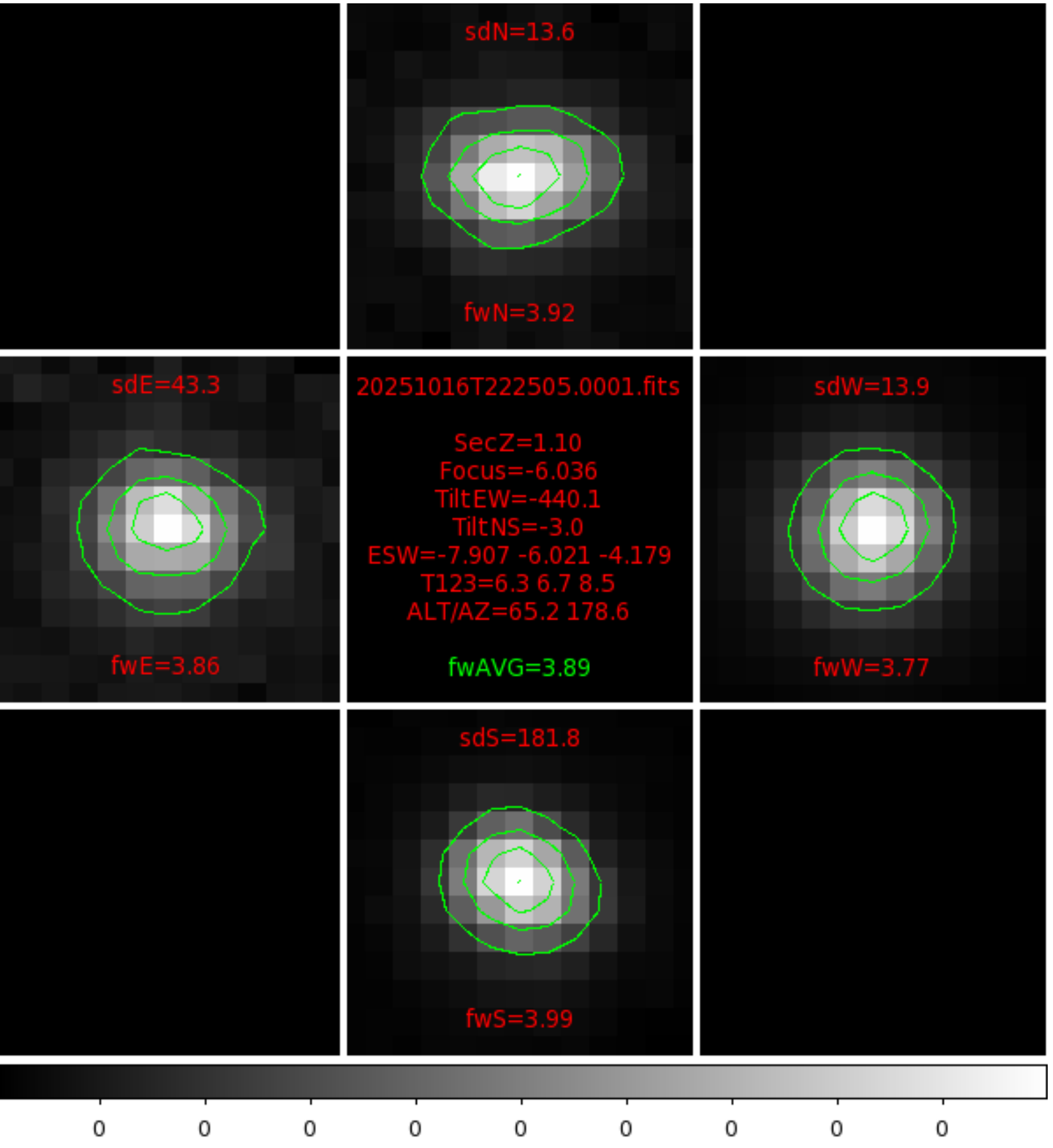
sdN=13.6
fwN=3.92
sdE=43.3
fwE=3.86
20251016T222505.0001.fits
SecZ=1.10
Focus=-6.036
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.907 -6.021 -4.179
T123=6.3 6.7 8.5
ALT/AZ=65.2 178.6
fwAVG=3.89
sdW=13.9
fwW=3.77
sdS=181.8
fwS=3.99
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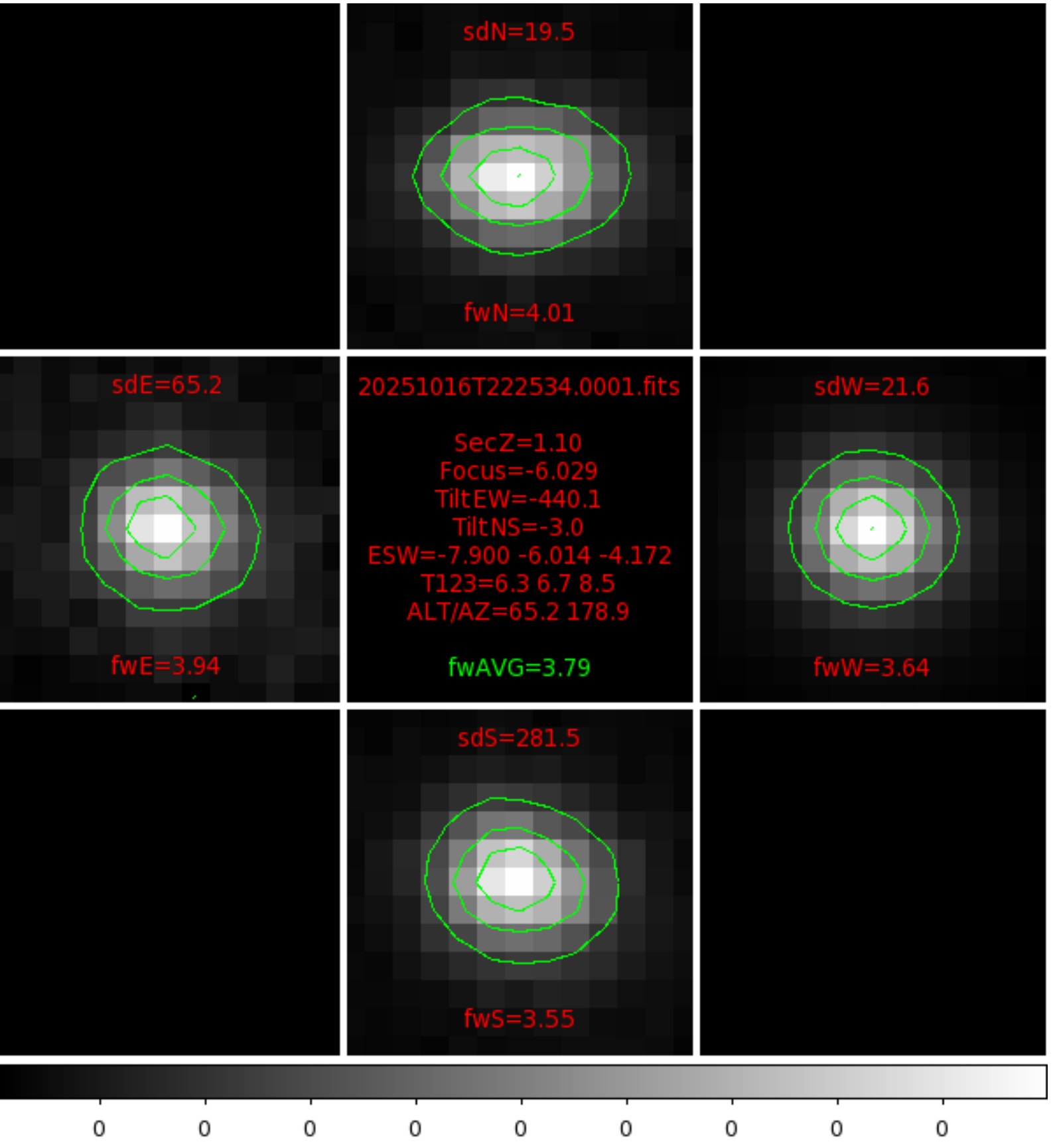
sdN=19.5
fwN=4.01
sdE=65.2
fwE=3.94
20251016T222534.0001.fits
SecZ=1.10
Focus=-6.029
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.900 -6.014 -4.172
T123=6.3 6.7 8.5
ALT/AZ=65.2 178.9
fwAVG=3.79
sdW=21.6
fwW=3.64
sdS=281.5
fwS=3.55
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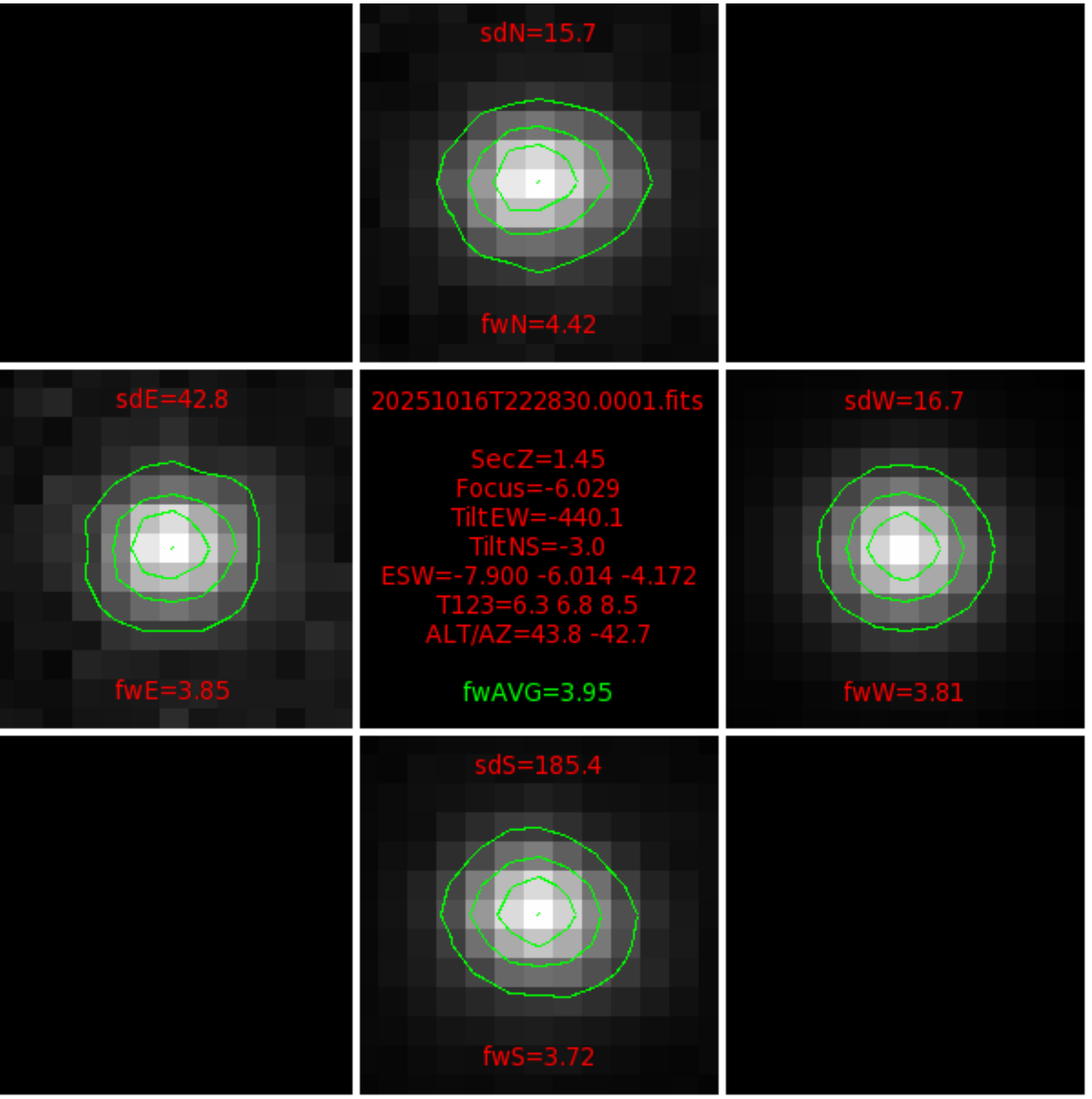
sdN=15.7
fwN=4.42
sdE=42.8
fwE=3.85
20251016T222830.0001.fits
SecZ=1.45
Focus=-6.029
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.900 -6.014 -4.172
T123=6.3 6.8 8.5
ALT/AZ=43.8 -42.7
fwAVG=3.95
sdW=16.7
fwW=3.81
sdS=185.4
fwS=3.72
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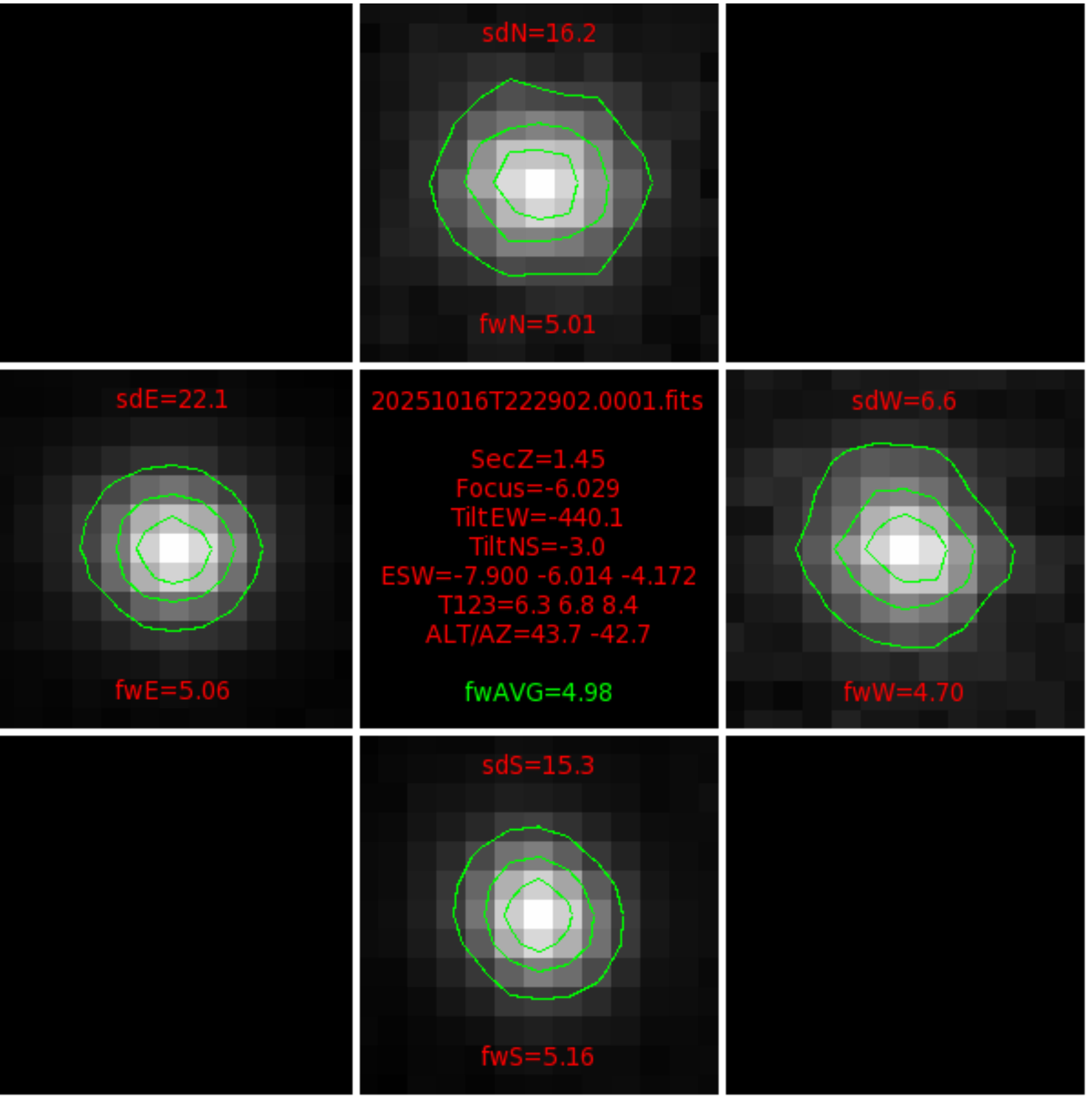
sdN=16.2
fwN=5.01
sdE=22.1
fwE=5.06
20251016T222902.0001.fits
SecZ=1.45
Focus=-6.029
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.900 -6.014 -4.172
T123=6.3 6.8 8.4
ALT/AZ=43.7 -42.7
fwAVG=4.98
sdW=6.6
fwW=4.70
sdS=15.3
fwS=5.16
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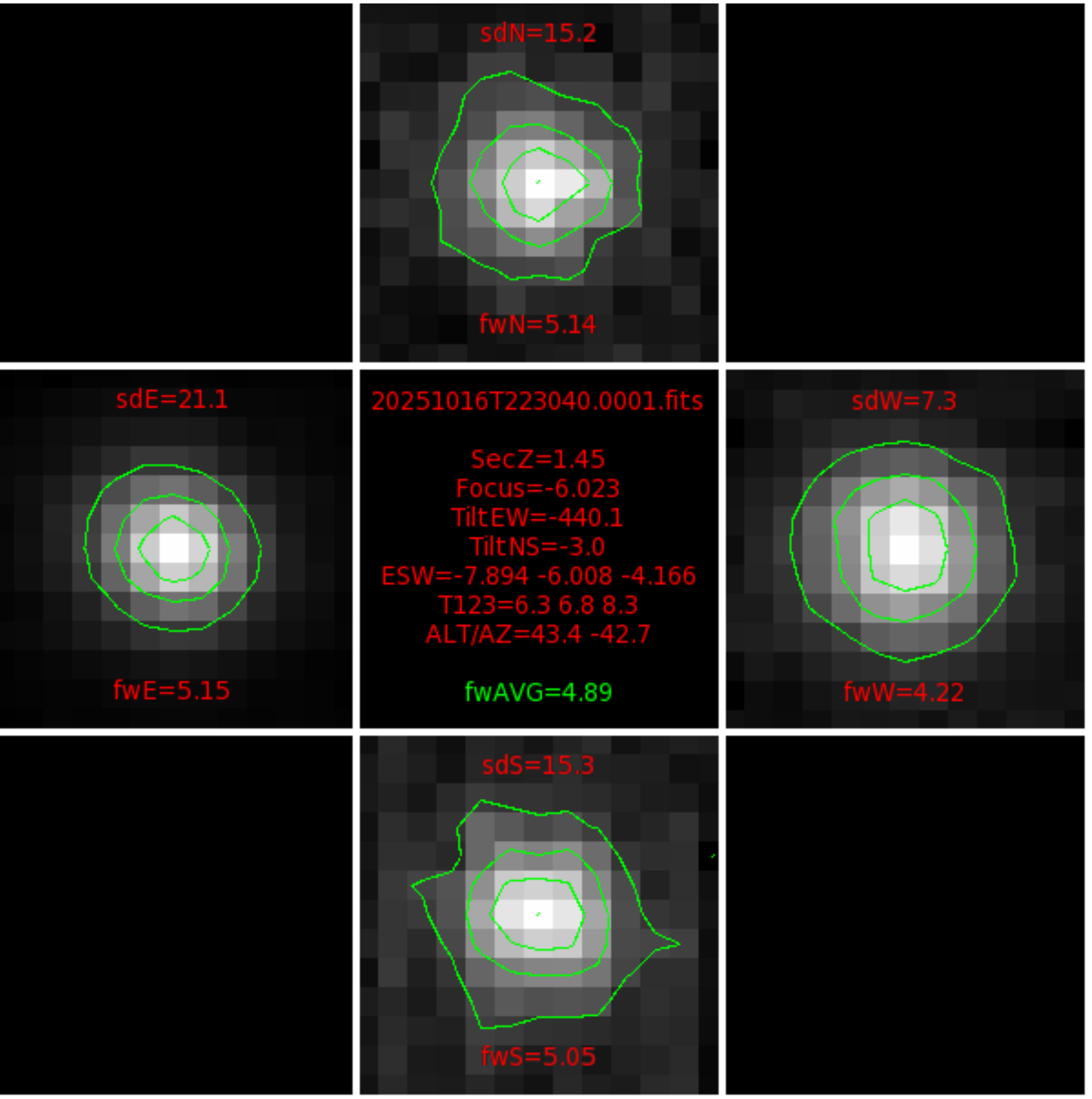
sdN=15.2
fwN=5.14
sdE=21.1
fwE=5.15
20251016T223040.0001.fits
SecZ=1.45
Focus=-6.023
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.894 -6.008 -4.166
T123=6.3 6.8 8.3
ALT/AZ=43.4 -42.7
fwAVG=4.89
sdW=7.3
fwW=4.22
sdS=15.3
fwS=5.05
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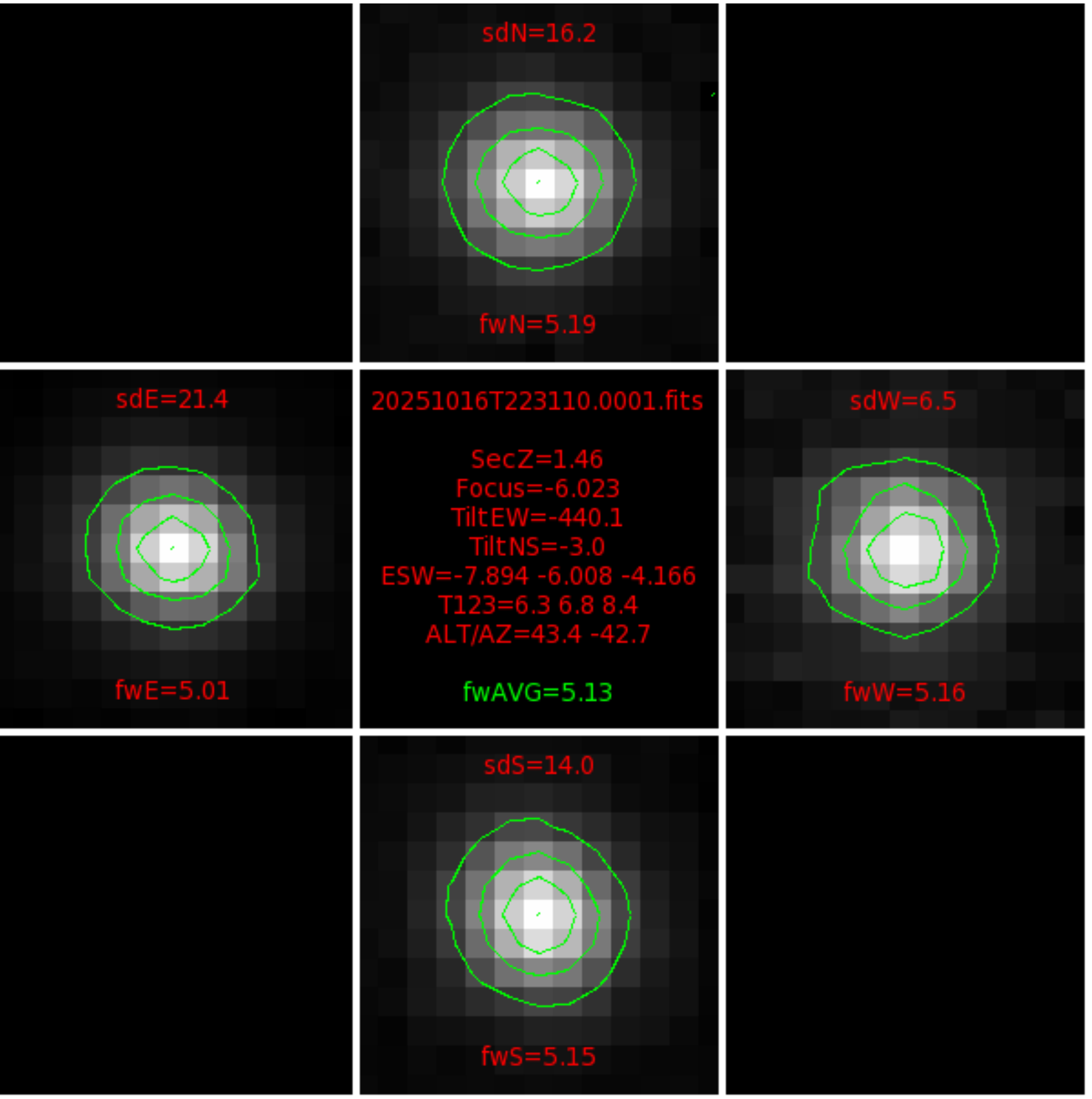
sdN=16.2
fwN=5.19
sdE=21.4
fwE=5.01
20251016T223110.0001.fits
SecZ=1.46
Focus=-6.023
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.894 -6.008 -4.166
T123=6.3 6.8 8.4
ALT/AZ=43.4 -42.7
fwAVG=5.13
sdW=6.5
fwW=5.16
sdS=14.0
fwS=5.15
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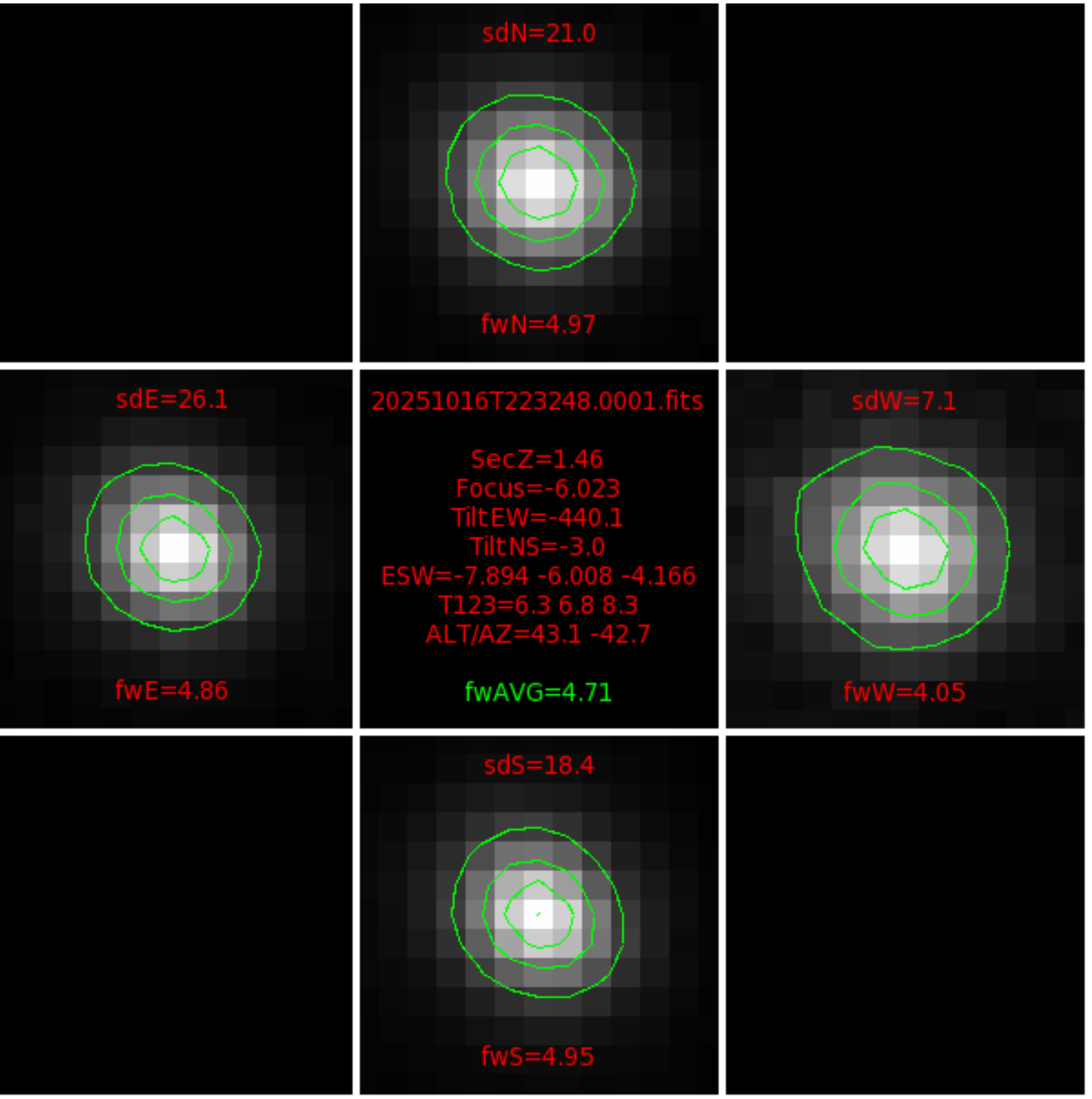
sdN=21.0
fwN=4.97
sdE=26.1
fwE=4.86
20251016T223248.0001.fits
SecZ=1.46
Focus=-6.023
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.894 -6.008 -4.166
T123=6.3 6.8 8.3
ALT/AZ=43.1 -42.7
fwAVG=4.71
sdW=7.1
fwW=4.05
sdS=18.4
fwS=4.95
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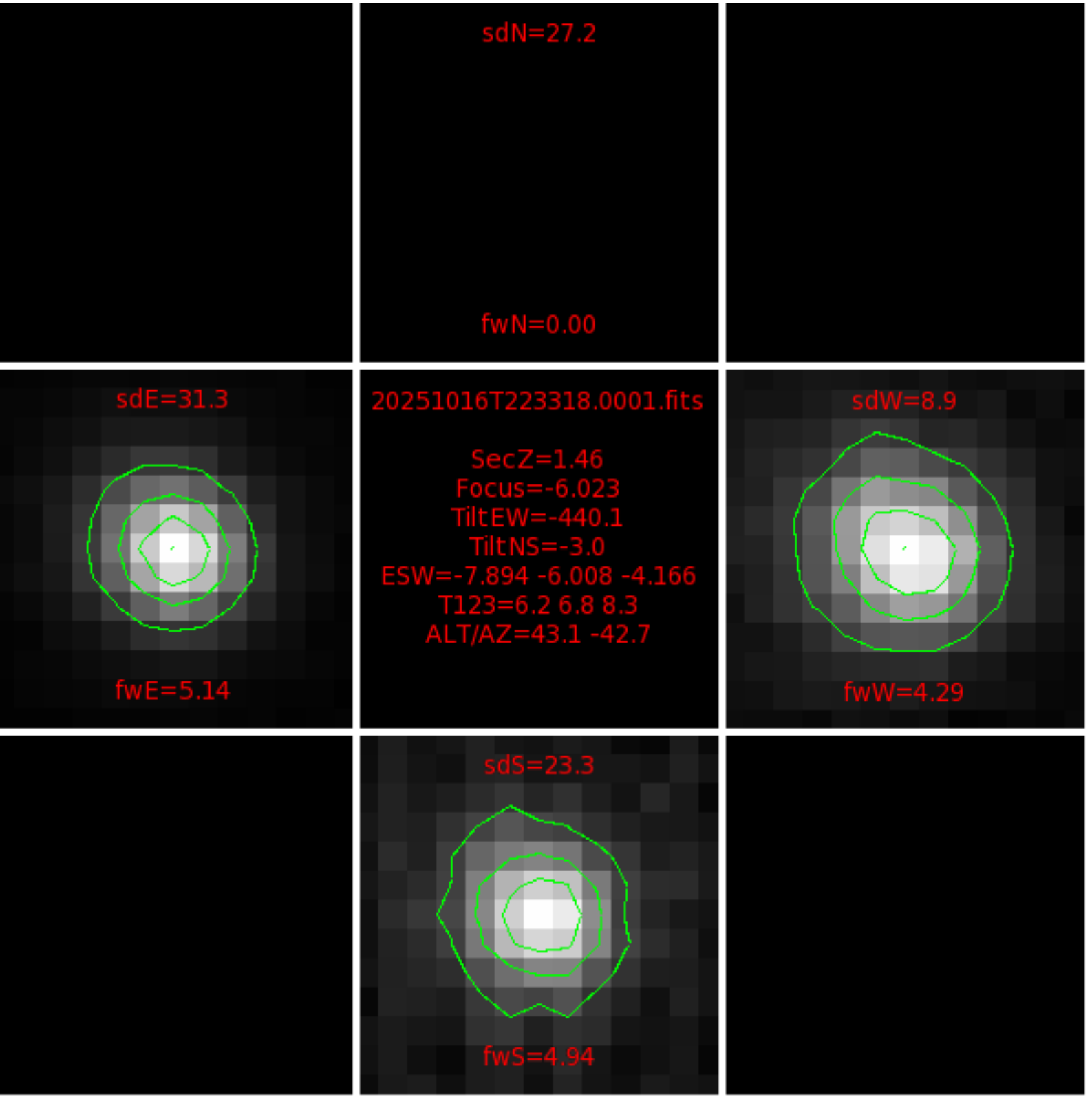
sdN=27.2
fwN=0.00
sdE=31.3
fwE=5.14
20251016T223318.0001.fits
SecZ=1.46
Focus=-6.023
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.894 -6.008 -4.166
T123=6.2 6.8 8.3
ALT/AZ=43.1 -42.7
sdW=8.9
fwW=4.29
sdS=23.3
fwS=4.94
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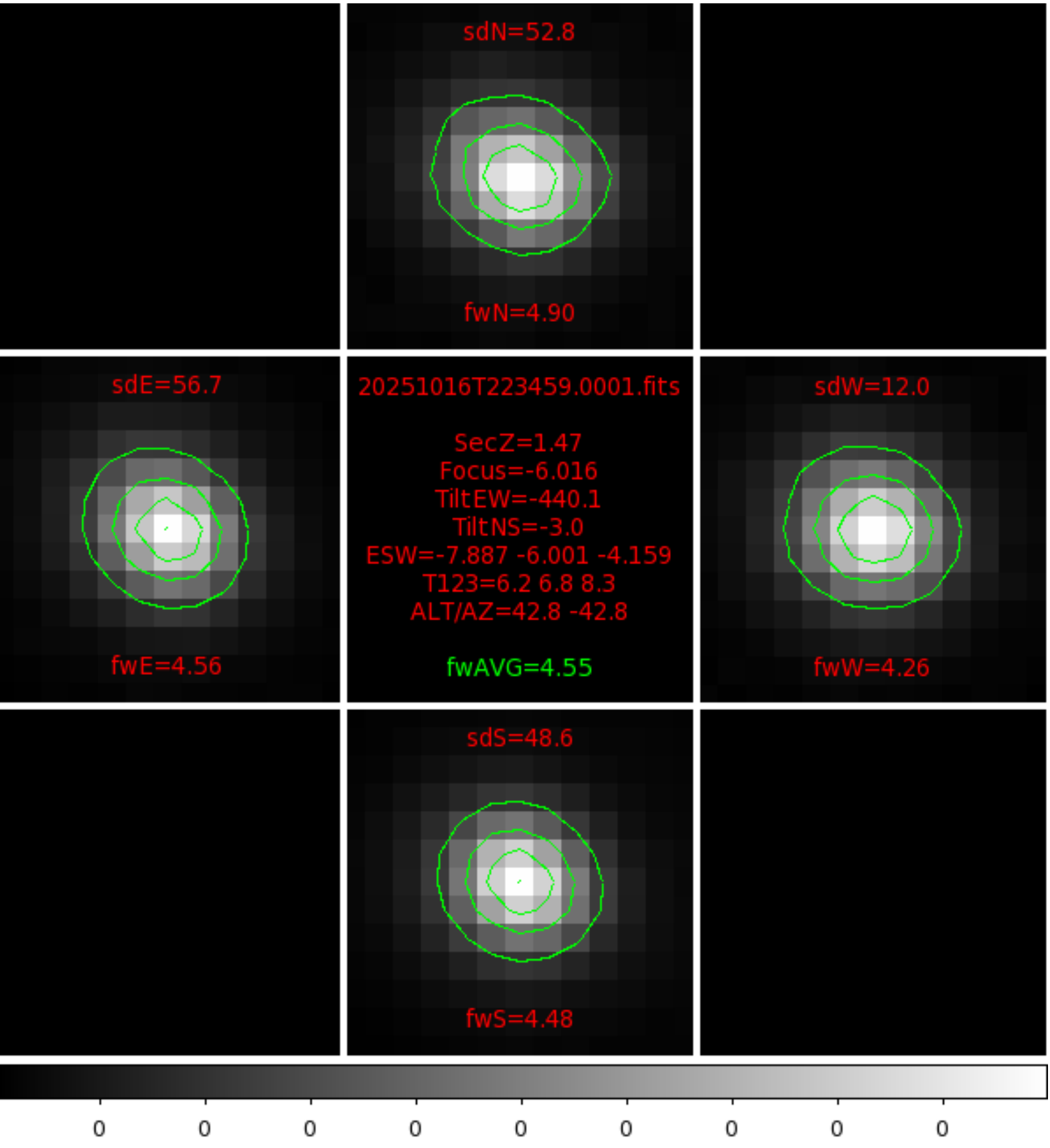
sdN=52.8
fwN=4.90
sdE=56.7
fwE=4.56
20251016T223459.0001.fits
SecZ=1.47
Focus=-6.016
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.887 -6.001 -4.159
T123=6.2 6.8 8.3
ALT/AZ=42.8 -42.8
fwAVG=4.55
sdW=12.0
fwW=4.26
sdS=48.6
fwS=4.48
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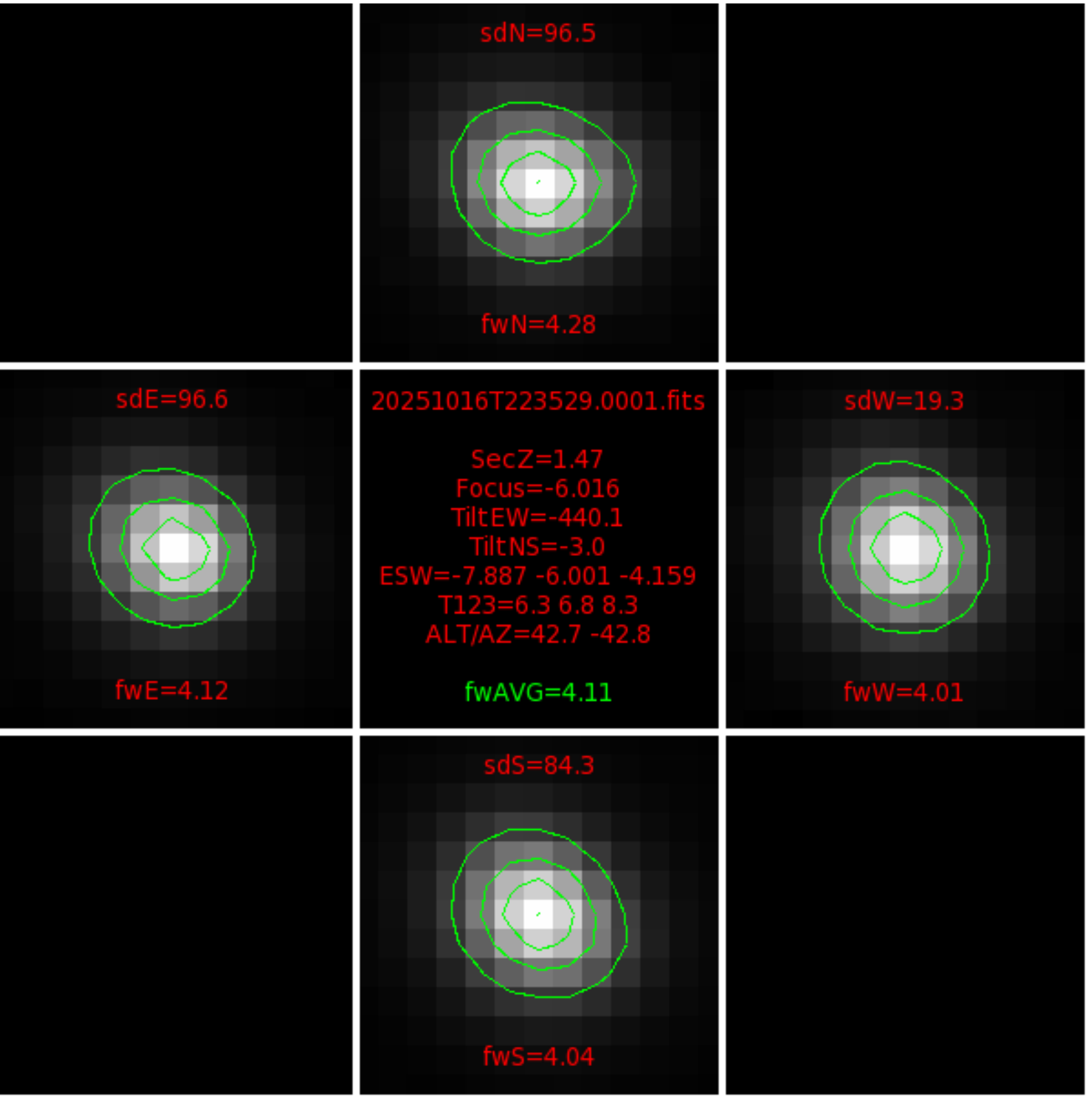
sdN=96.5
fwN=4.28
sdE=96.6
fwE=4.12
20251016T223529.0001.fits
SecZ=1.47
Focus=-6.016
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.887 -6.001 -4.159
T123=6.3 6.8 8.3
ALT/AZ=42.7 -42.8
fwAVG=4.11
sdW=19.3
fwW=4.01
sdS=84.3
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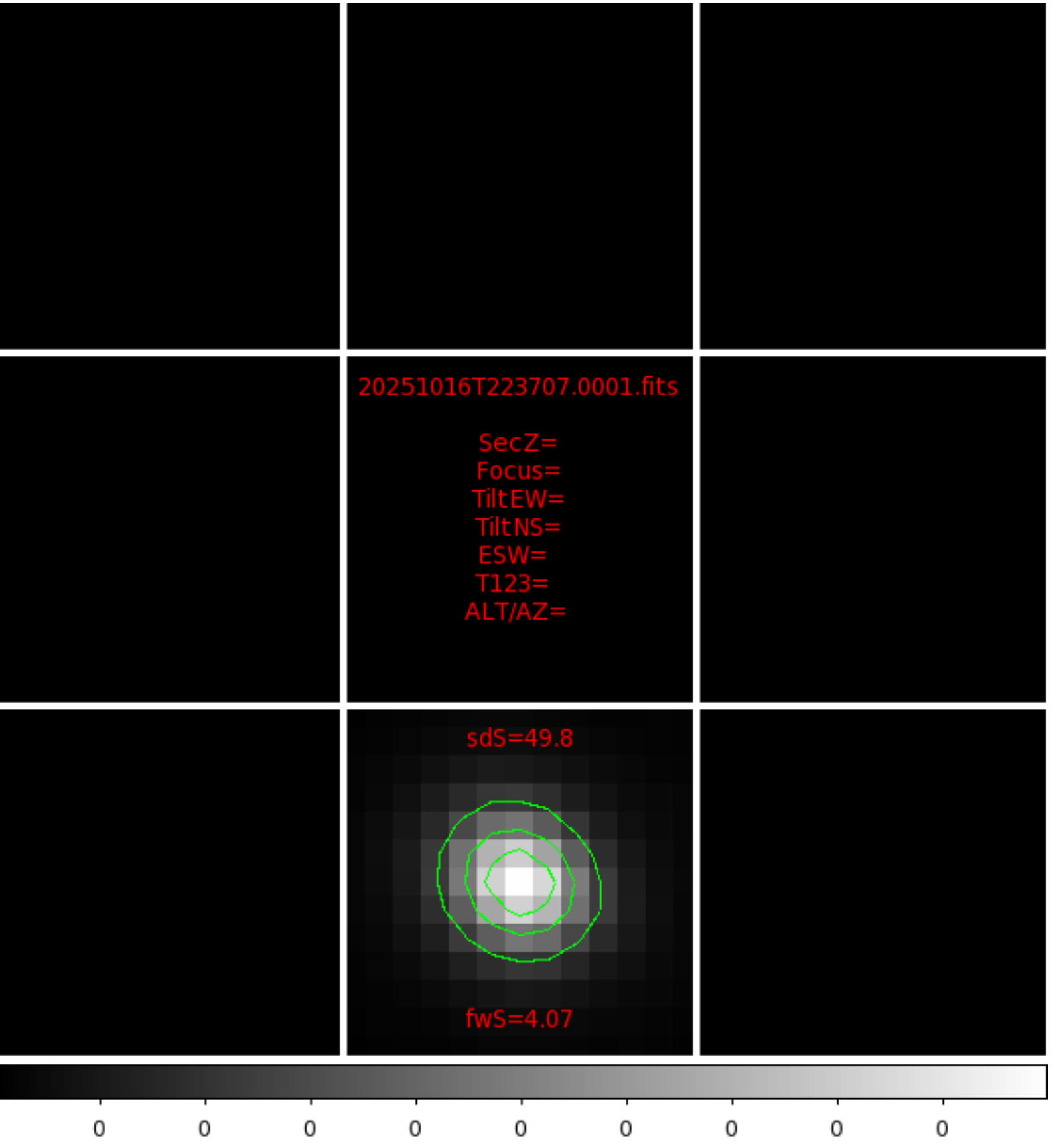
20251016T223707.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=49.8
fwS=4.07
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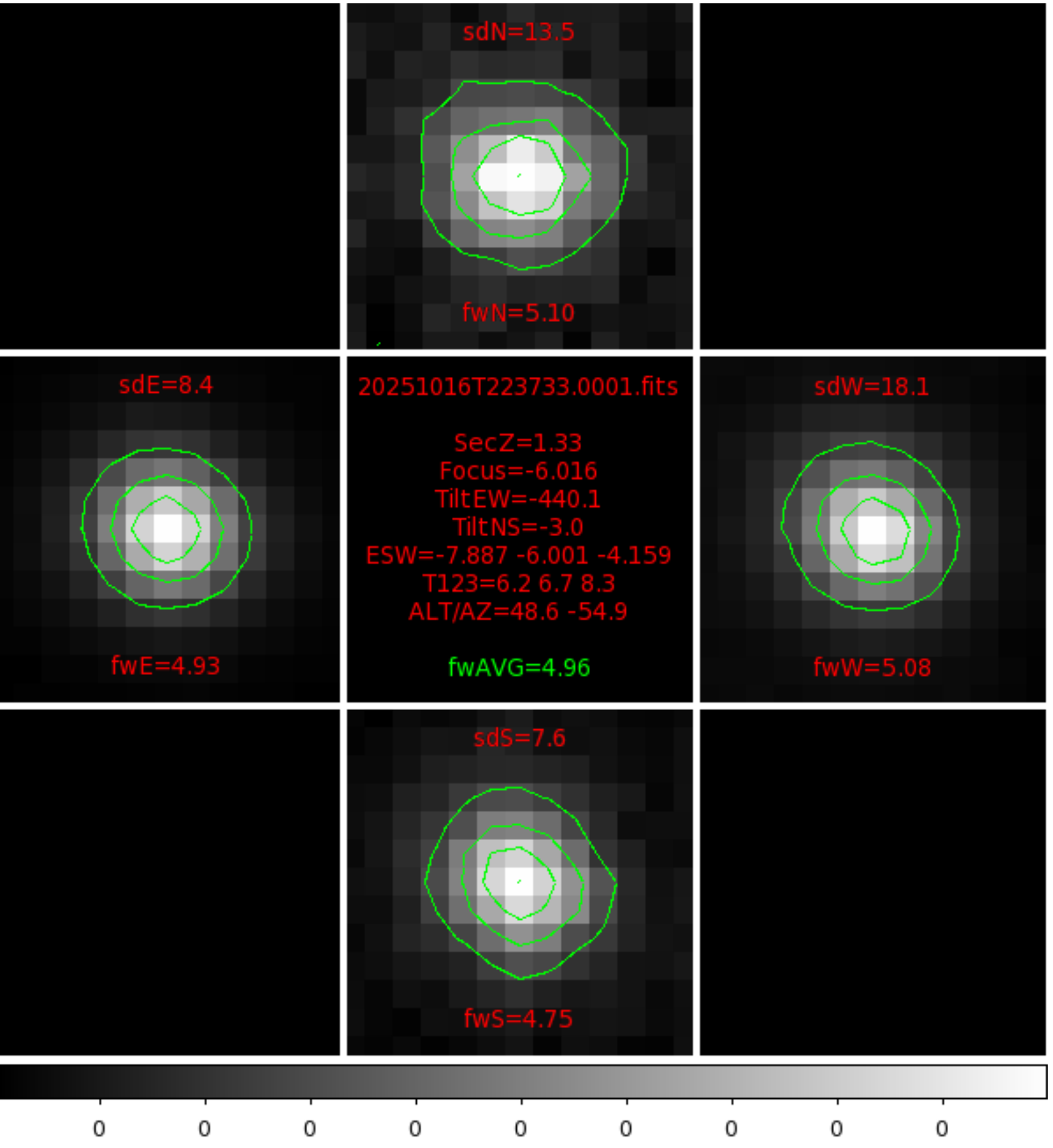
sdN=13.5
fwN=5.10
sdE=8.4
fwE=4.93
20251016T223733.0001.fits
SecZ=1.33
Focus=-6.016
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.887 -6.001 -4.159
T123=6.2 6.7 8.3
ALT/AZ=48.6 -54.9
fwAVG=4.96
sdW=18.1
fwW=5.08
sdS=7.6
fwS=4.75
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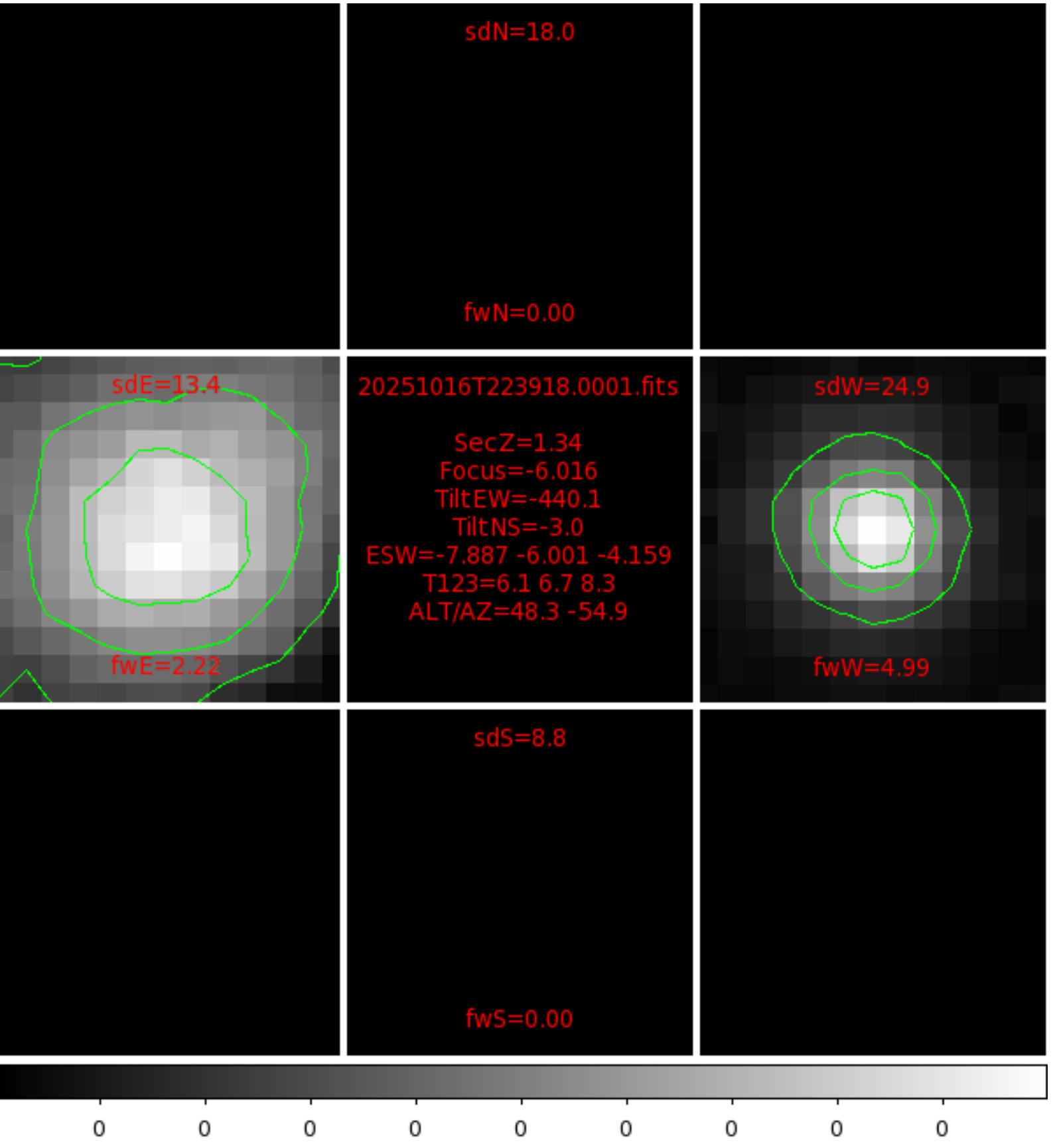
sdN=18.0
fwN=0.00
sdE=13.4
fwE=2.22
20251016T223918.0001.fits
SecZ=1.34
Focus=-6.016
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.887 -6.001 -4.159
T123=6.1 6.7 8.3
ALT/AZ=48.3 -54.9
sdW=24.9
fwW=4.99
sdS=8.8
fwS=0.00
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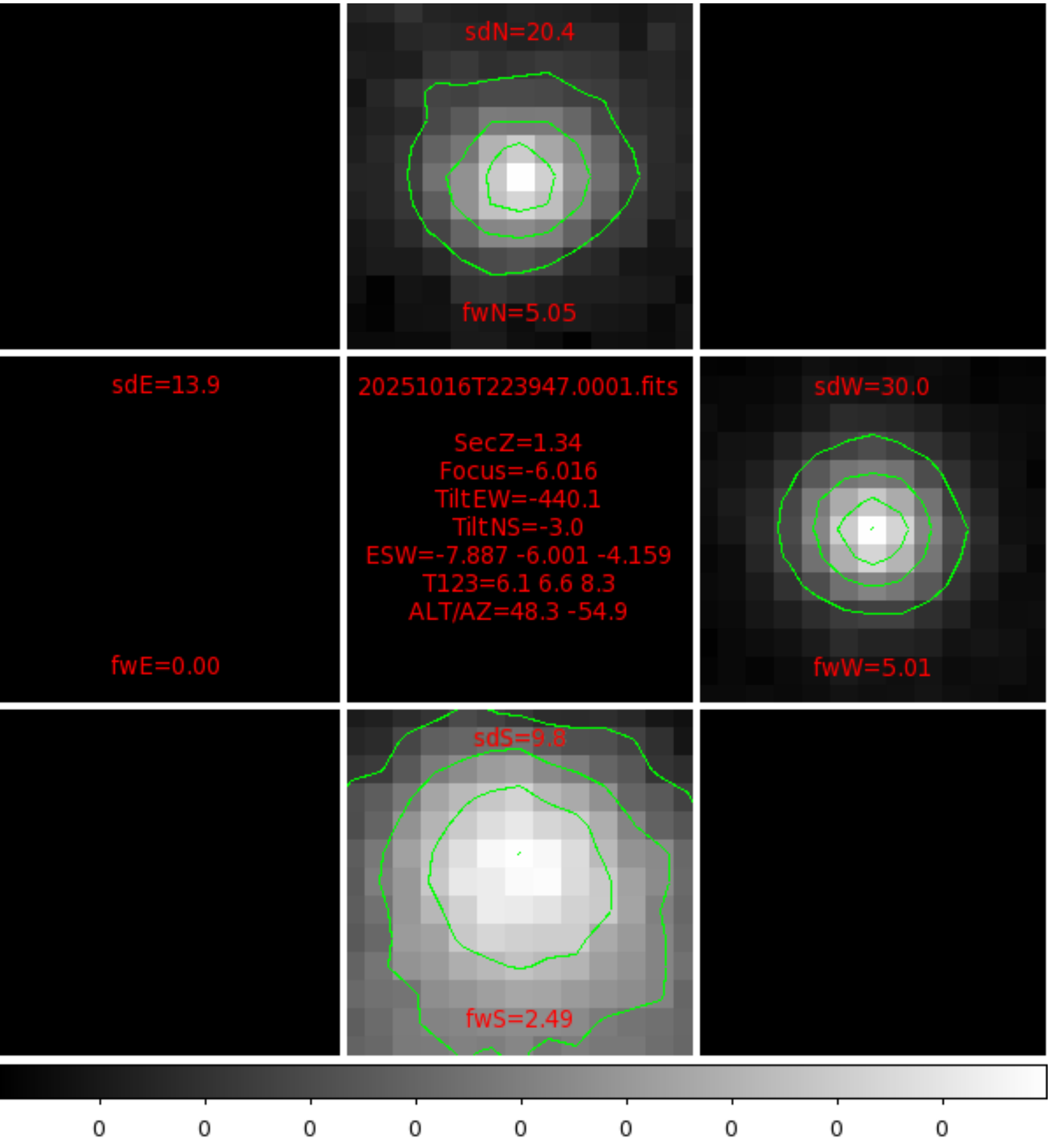
sdN=20.4
fwN=5.05
sdE=13.9
fwE=0.00
20251016T223947.0001.fits
SecZ=1.34
Focus=-6.016
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.887 -6.001 -4.159
T123=6.1 6.6 8.3
ALT/AZ=48.3 -54.9
sdW=30.0
fwW=5.01
sdS=9.8
fwS=2.49
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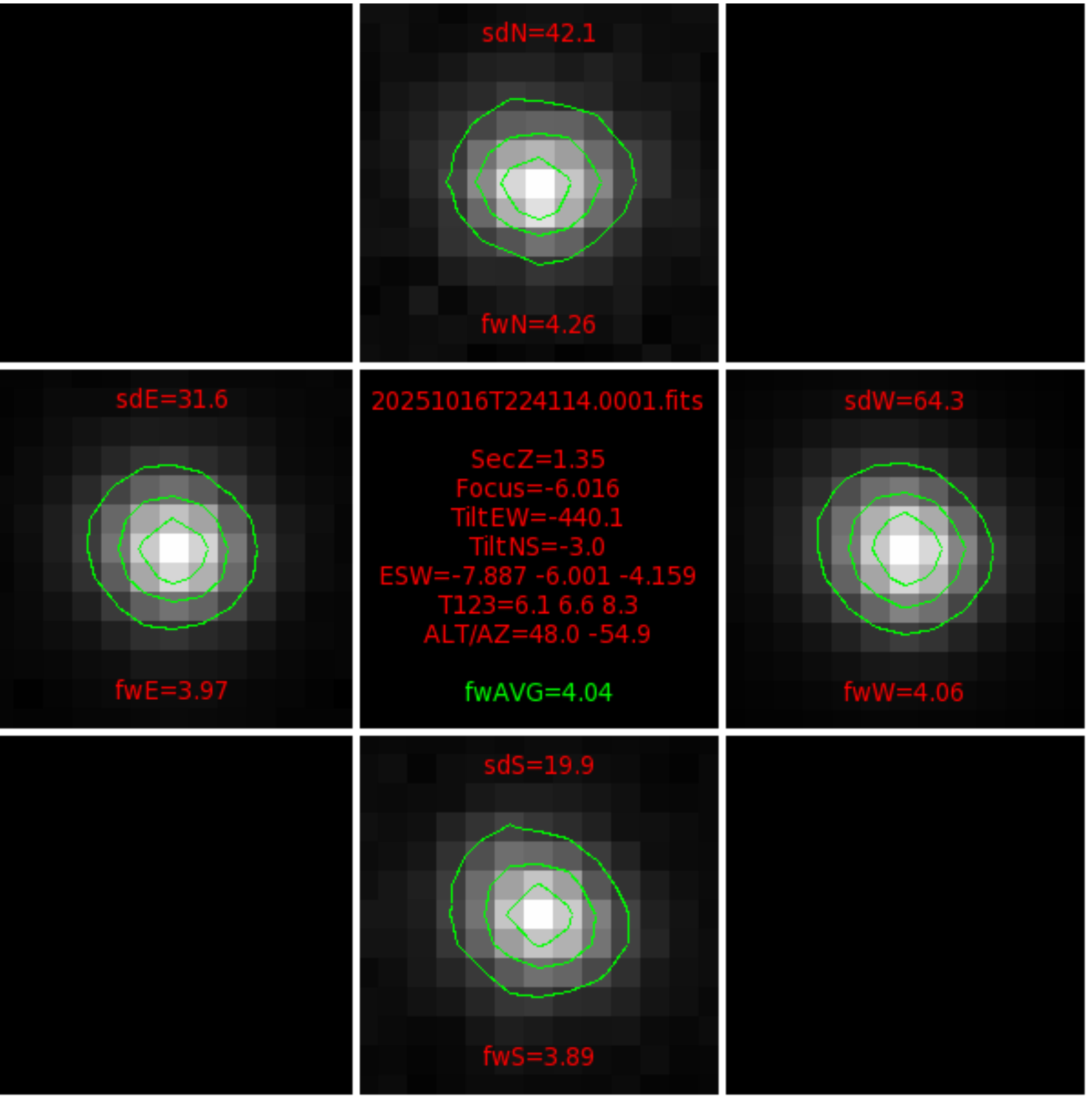
sdN=42.1
fwN=4.26
sdE=31.6
fwE=3.97
20251016T224114.0001.fits
SecZ=1.35
Focus=-6.016
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.887 -6.001 -4.159
T123=6.1 6.6 8.3
ALT/AZ=48.0 -54.9
fwAVG=4.04
sdW=64.3
fwW=4.06
sdS=19.9
fwS=3.89
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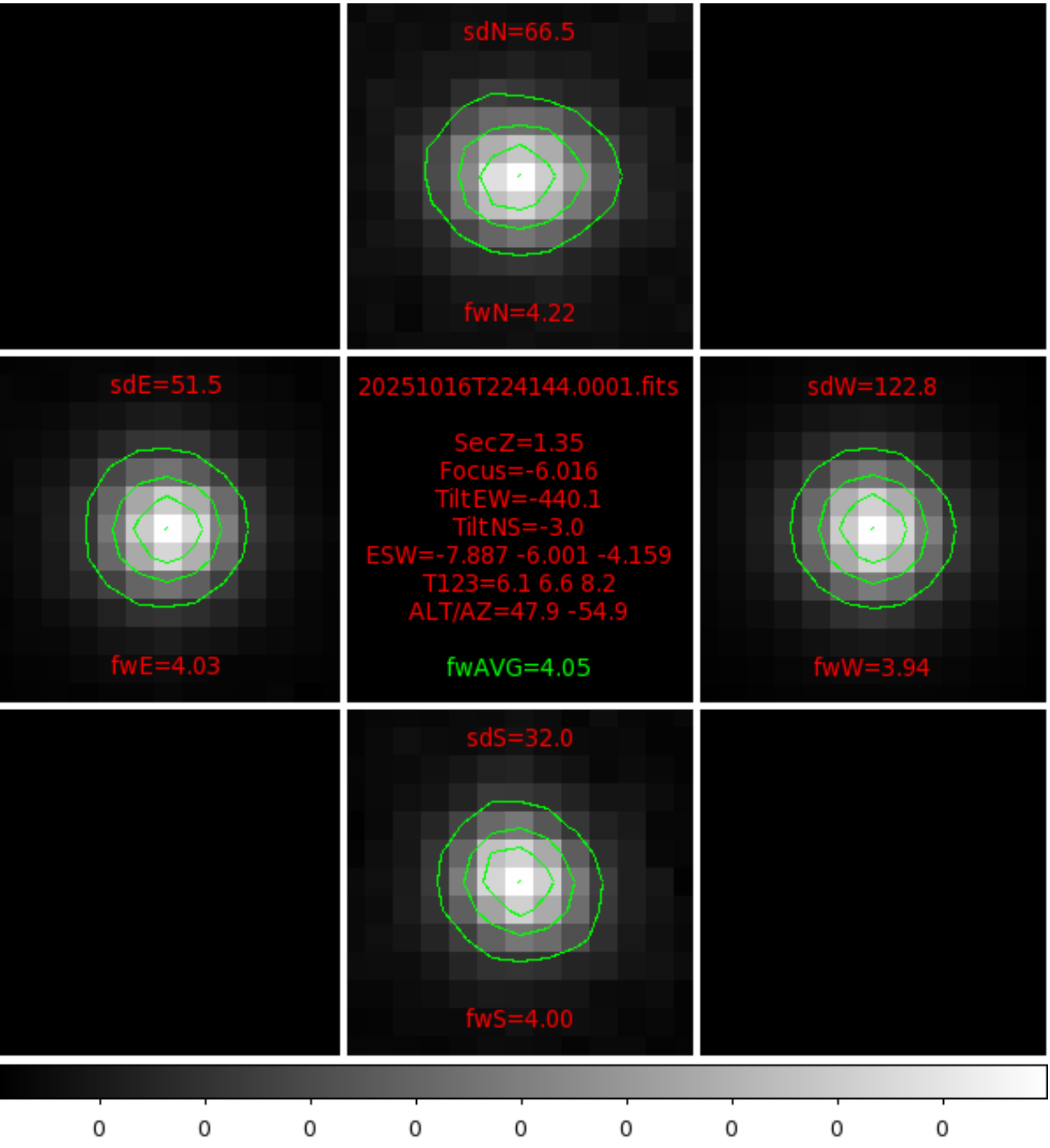
sdN=66.5
fwN=4.22
sdE=51.5
fwE=4.03
20251016T224144.0001.fits
SecZ=1.35
Focus=-6.016
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.887 -6.001 -4.159
T123=6.1 6.6 8.2
ALT/AZ=47.9 -54.9
fwAVG=4.05
sdW=122.8
fwW=3.94
sdS=32.0
fwS=4.00
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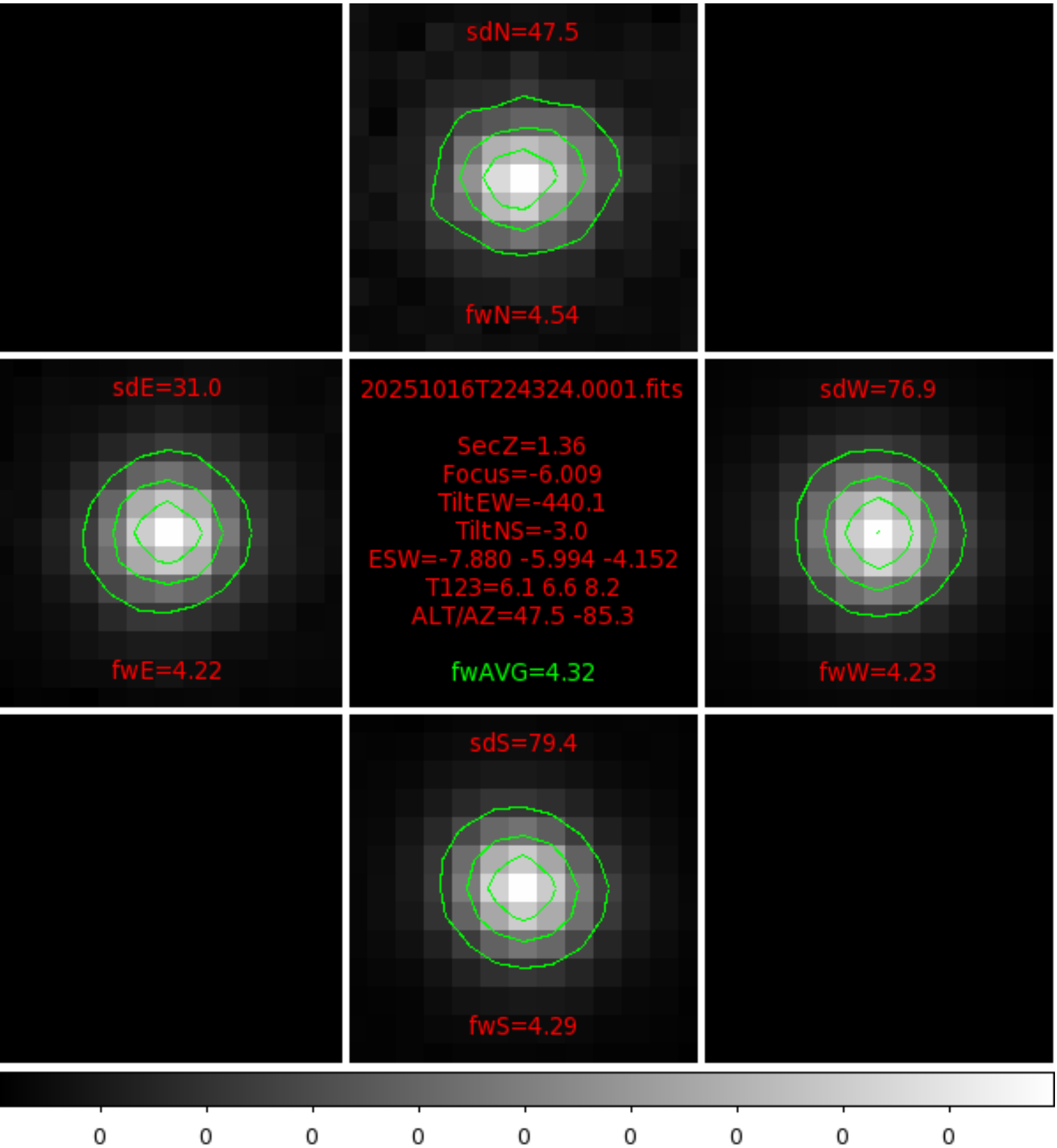
sdN=47.5
fwN=4.54
sdE=31.0
fwE=4.22
20251016T224324.0001.fits
SecZ=1.36
Focus=-6.009
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.880 -5.994 -4.152
T123=6.1 6.6 8.2
ALT/AZ=47.5 -85.3
fwAVG=4.32
sdW=76.9
fwW=4.23
sdS=79.4
fwS=4.29
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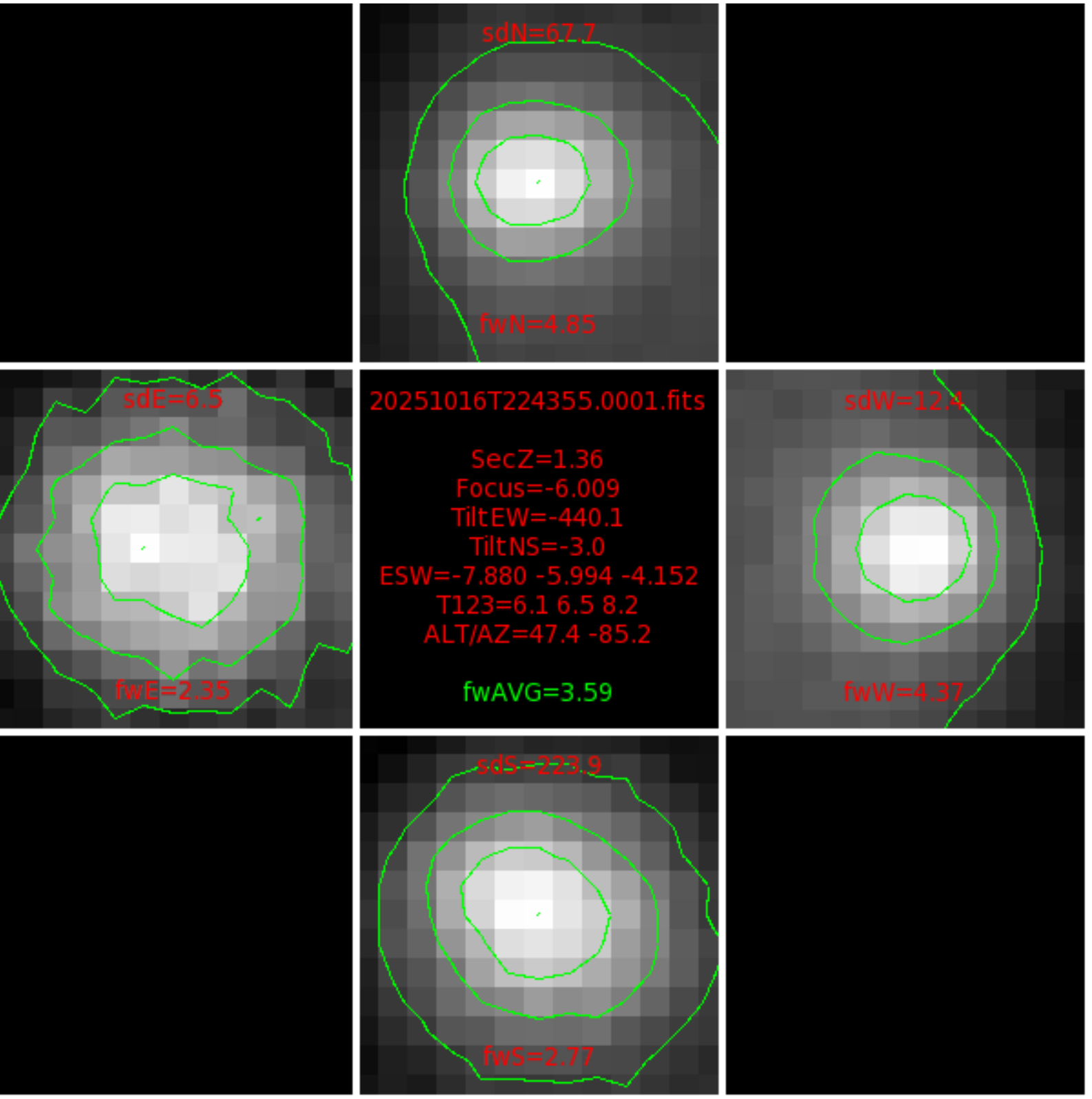
sdN=67.7
fwN=4.85
sdE=6.5
fwE=2.35
20251016T224355.0001.fits
SecZ=1.36
Focus=-6.009
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.880 -5.994 -4.152
T123=6.1 6.5 8.2
ALT/AZ=47.4 -85.2
fwAVG=3.59
sdW=12.4
fwW=4.37
sdS=223.9
fwS=2.77
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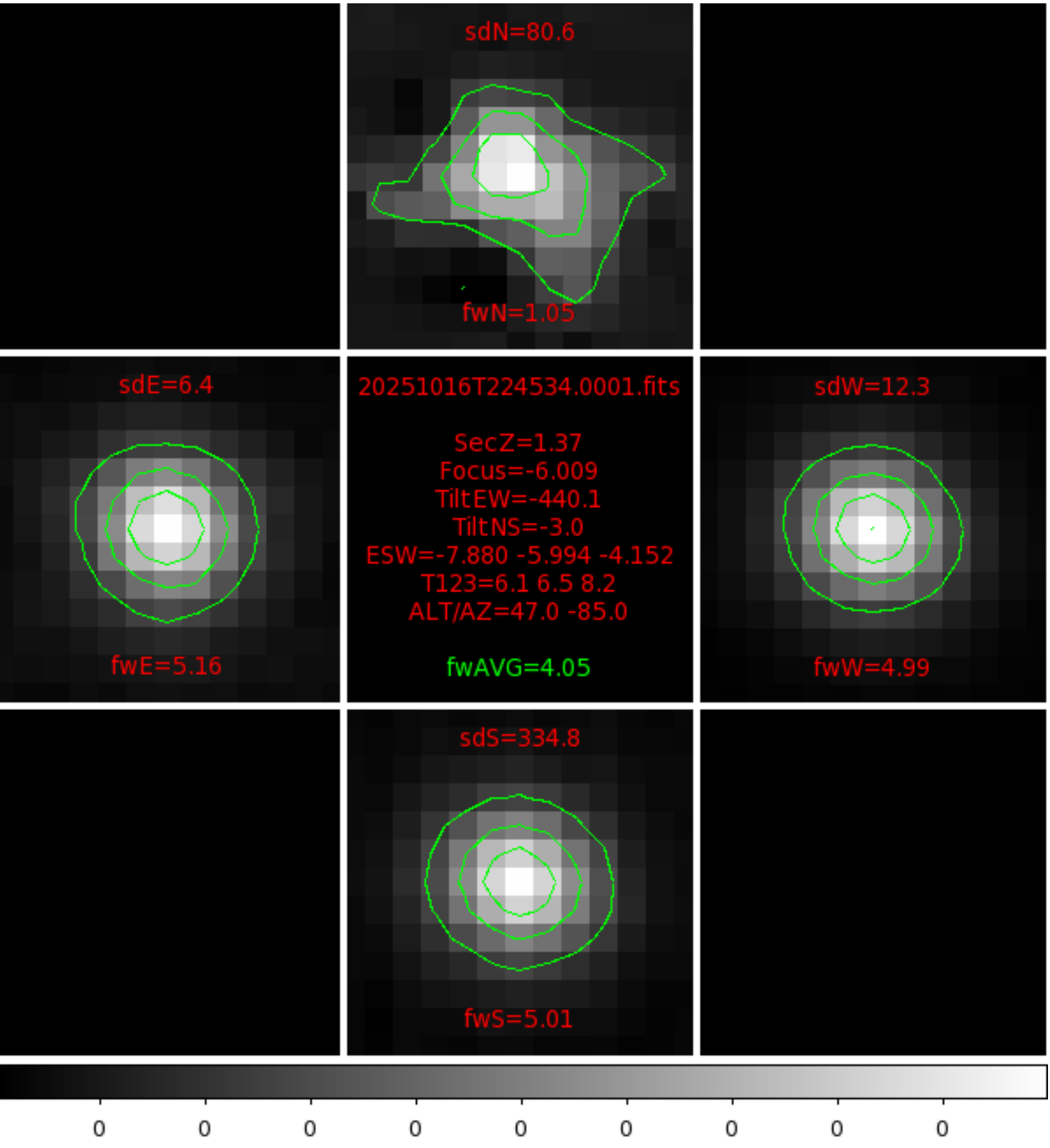
sdN=80.6
fwN=1.05
sdE=6.4
fwE=5.16
20251016T224534.0001.fits
SecZ=1.37
Focus=-6.009
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.880 -5.994 -4.152
T123=6.1 6.5 8.2
ALT/AZ=47.0 -85.0
fwAVG=4.05
sdW=12.3
fwW=4.99
sdS=334.8
fwS=5.01
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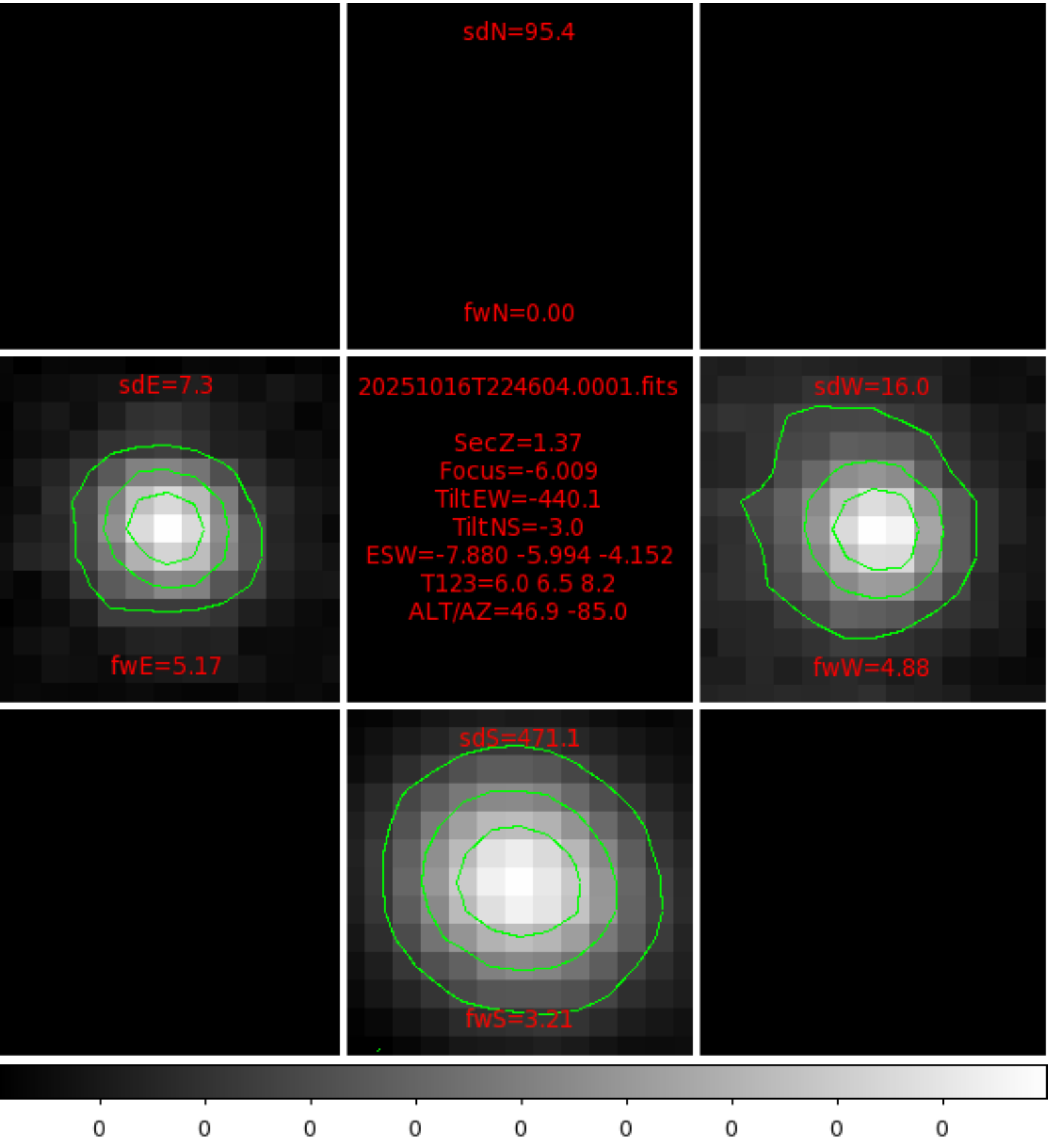
sdN=95.4
fwN=0.00
sdE=7.3
fwE=5.17
20251016T224604.0001.fits
SecZ=1.37
Focus=-6.009
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.880 -5.994 -4.152
T123=6.0 6.5 8.2
ALT/AZ=46.9 -85.0
sdW=16.0
fwW=4.88
sdS=471.1
fwS=3.21
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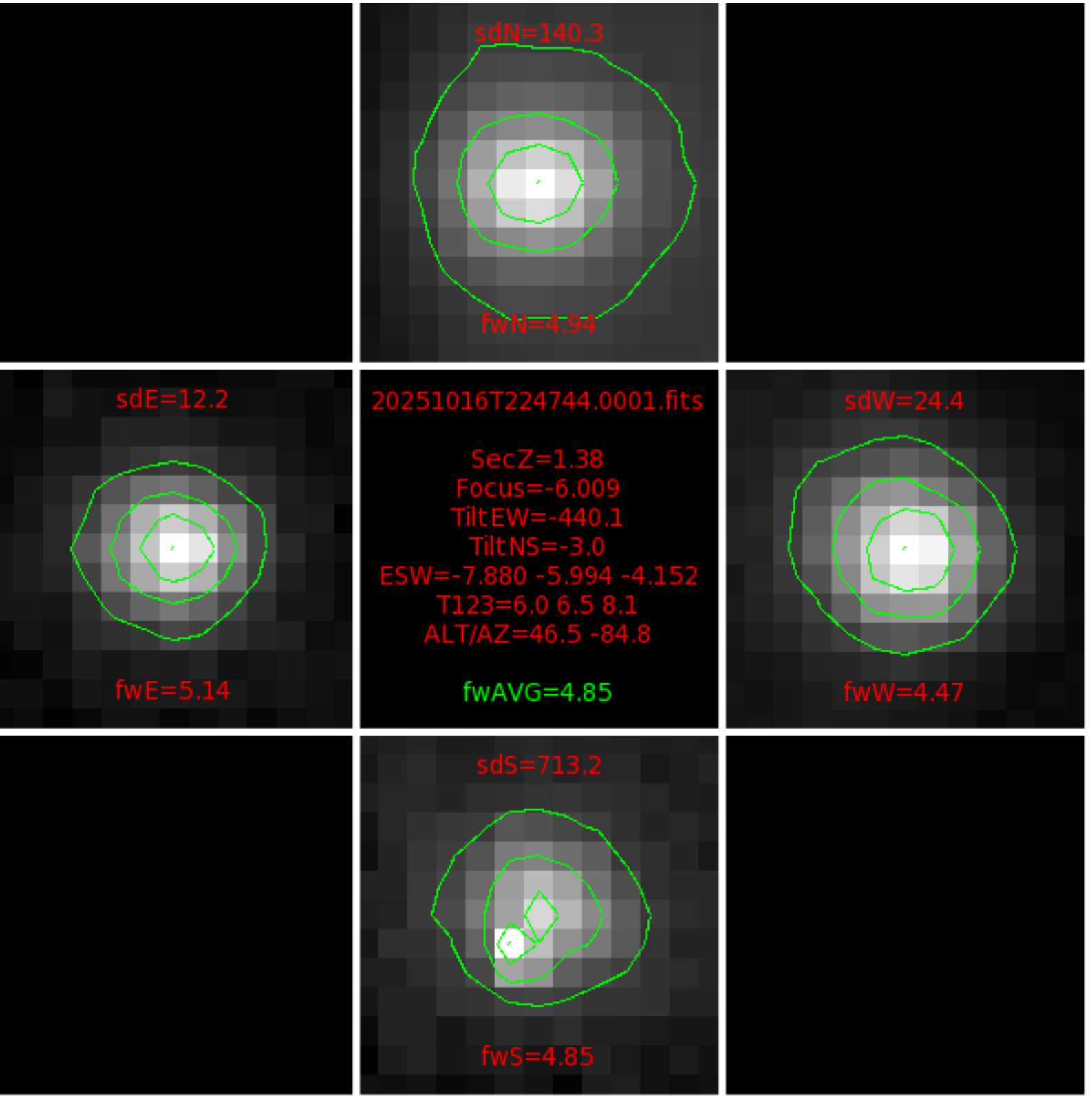
sdN=140.3
fwN=4.94
sdE=12.2
fwE=5.14
20251016T224744.0001.fits
SecZ=1.38
Focus=-6.009
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.880 -5.994 -4.152
T123=6.0 6.5 8.1
ALT/AZ=46.5 -84.8
fwAVG=4.85
sdW=24.4
fwW=4.47
sdS=713.2
fwS=4.85
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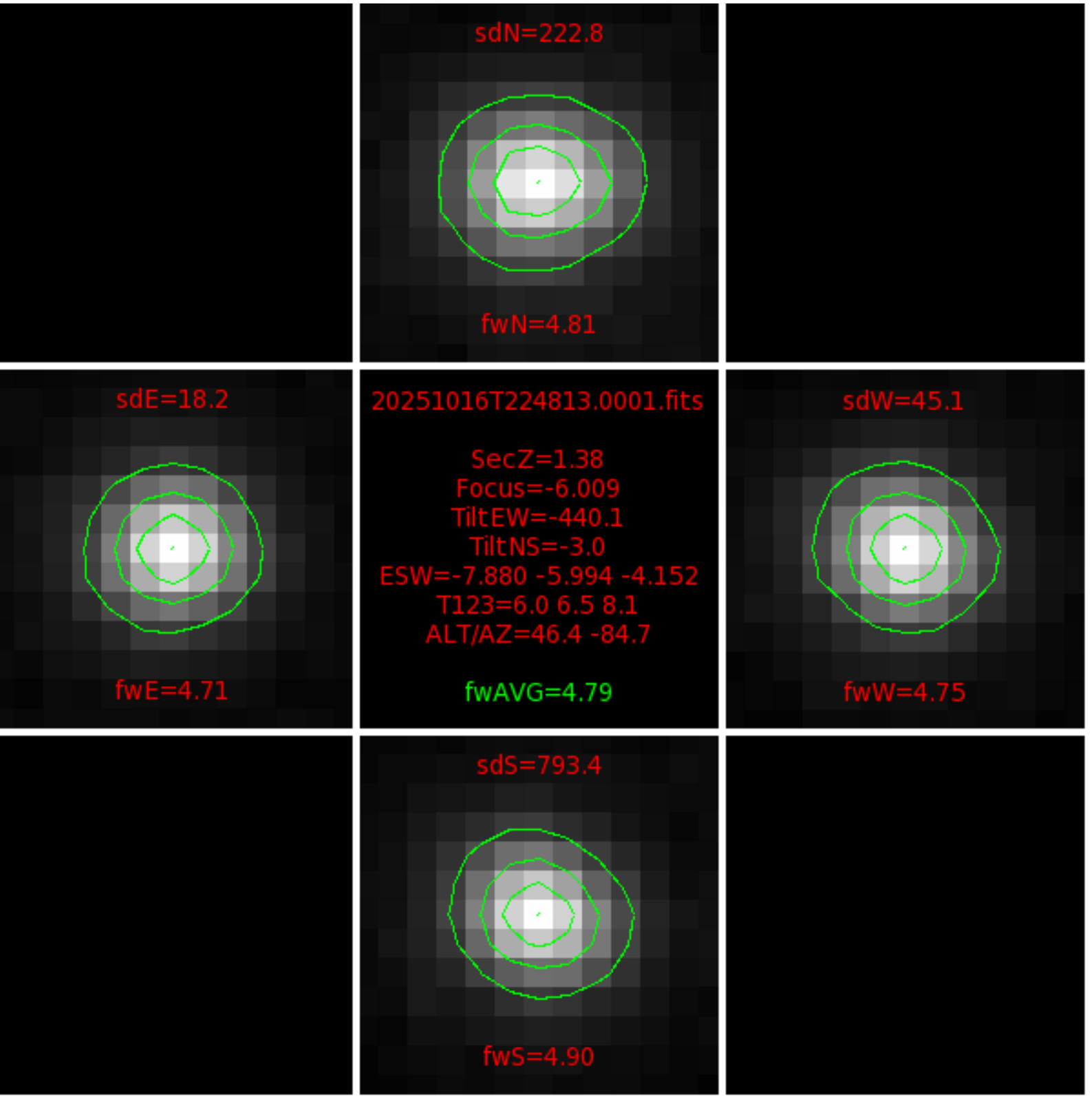
sdN=222.8
fwN=4.81
sdE=18.2
fwE=4.71
20251016T224813.0001.fits
SecZ=1.38
Focus=-6.009
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.880 -5.994 -4.152
T123=6.0 6.5 8.1
ALT/AZ=46.4 -84.7
fwAVG=4.79
sdW=45.1
fwW=4.75
sdS=793.4
fwS=4.90
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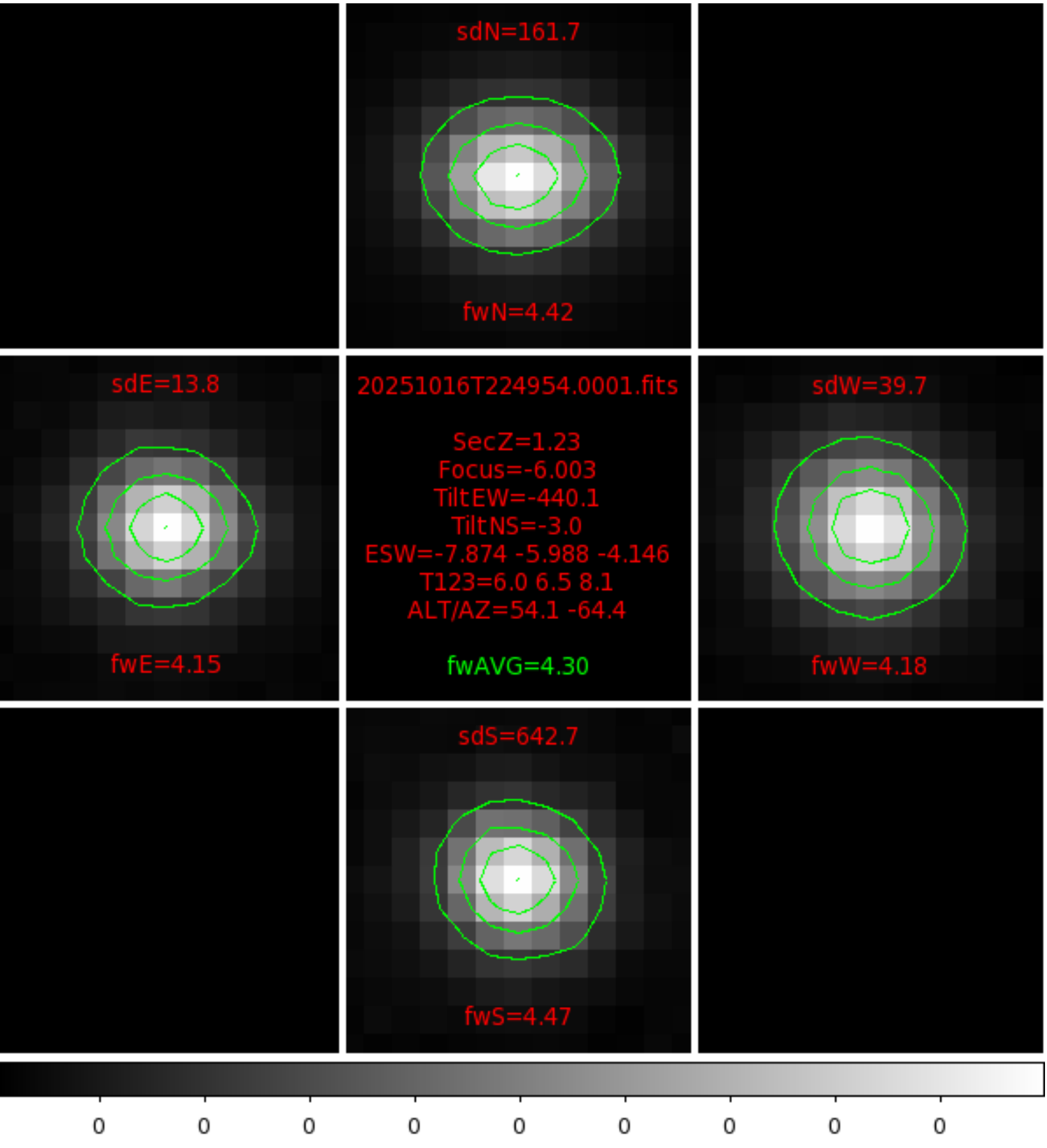
sdN=161.7
fwN=4.42
sdE=13.8
fwE=4.15
20251016T224954.0001.fits
SecZ=1.23
Focus=-6.003
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.874 -5.988 -4.146
T123=6.0 6.5 8.1
ALT/AZ=54.1 -64.4
fwAVG=4.30
sdW=39.7
fwW=4.18
sdS=642.7
fwS=4.47
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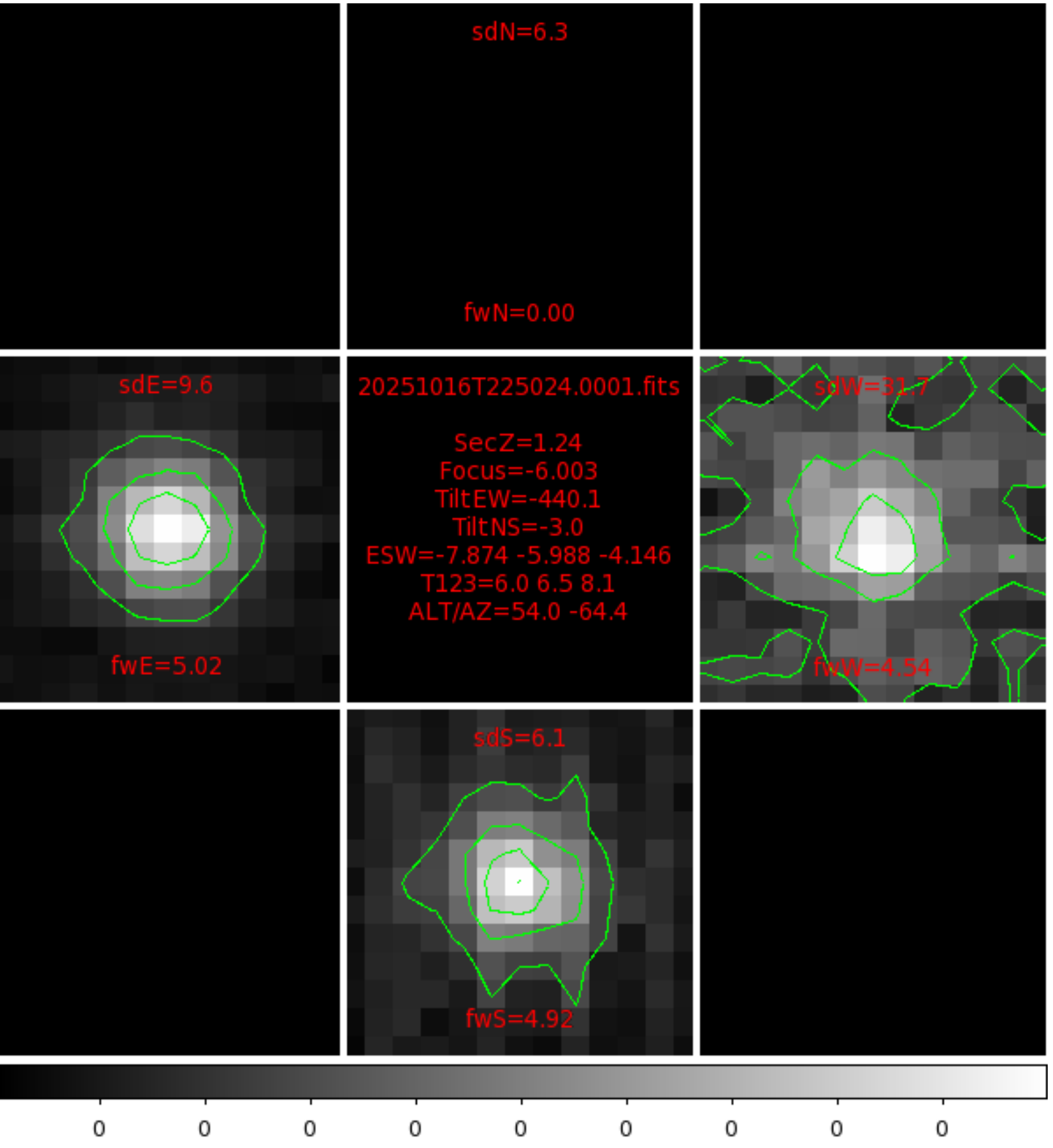
sdN=6.3
fwN=0.00
sdE=9.6
fwE=5.02
20251016T225024.0001.fits
SecZ=1.24
Focus=-6.003
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.874 -5.988 -4.146
T123=6.0 6.5 8.1
ALT/AZ=54.0 -64.4
sdW=31.7
fwW=4.54
sdS=6.1
fwS=4.92
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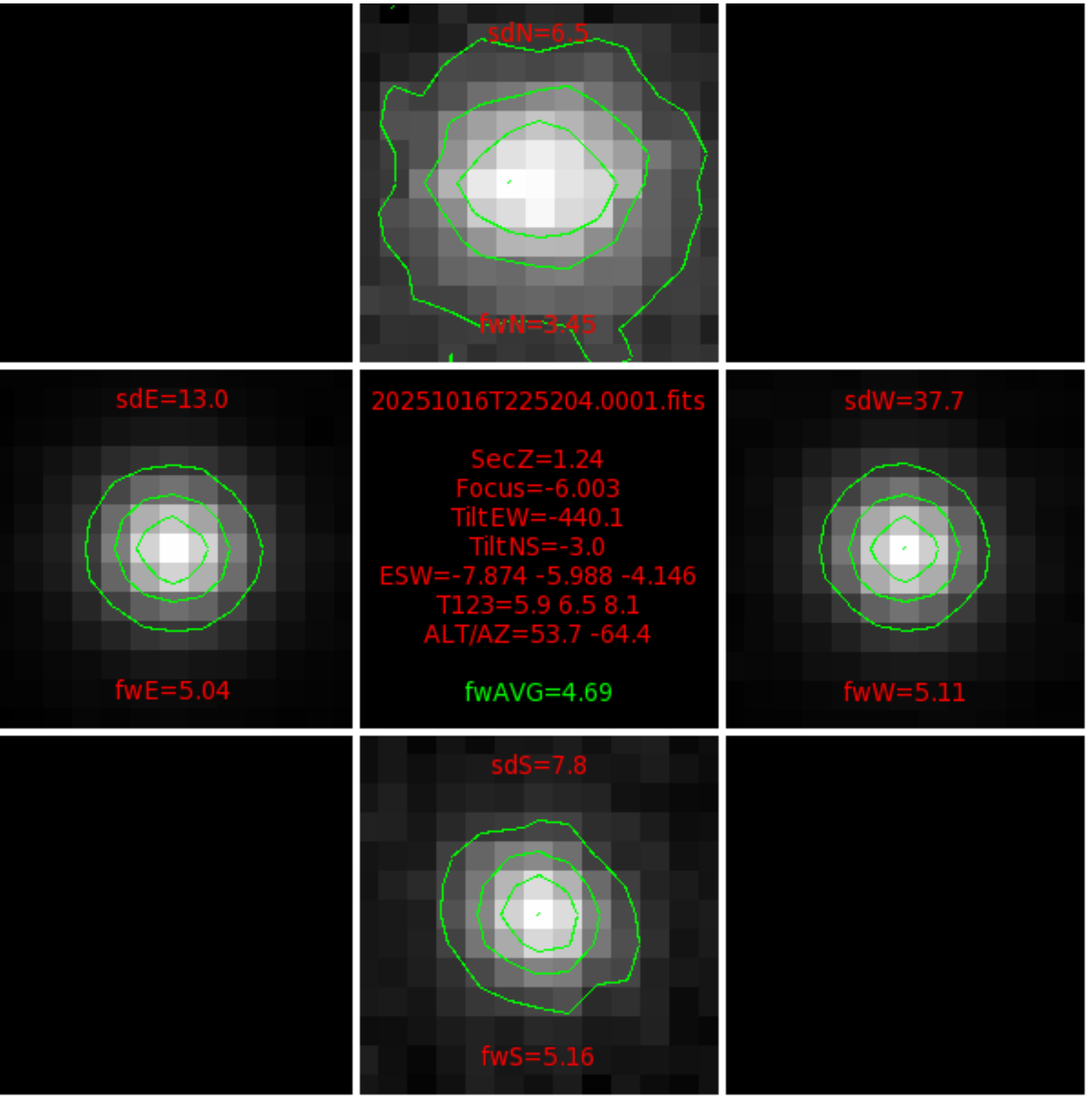
sdN=6.5
fwN=3.45
sdE=13.0
fwE=5.04
20251016T225204.0001.fits
SecZ=1.24
Focus=-6.003
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.874 -5.988 -4.146
T123=5.9 6.5 8.1
ALT/AZ=53.7 -64.4
fwAVG=4.69
sdW=37.7
fwW=5.11
sdS=7.8
fwS=5.16
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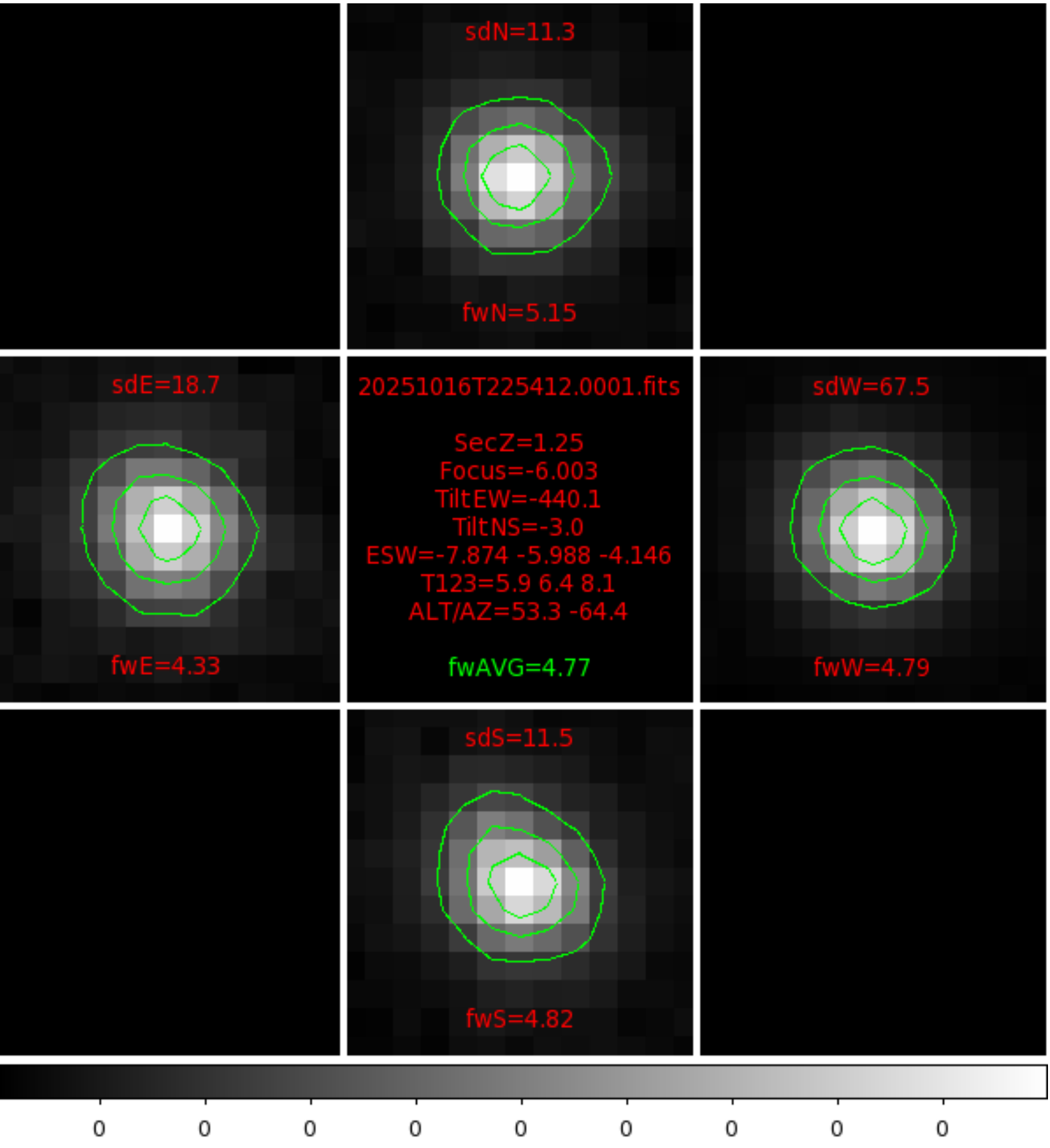
sdN=11.3
fwN=5.15
sdE=18.7
fwE=4.33
20251016T225412.0001.fits
SecZ=1.25
Focus=-6.003
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.874 -5.988 -4.146
T123=5.9 6.4 8.1
ALT/AZ=53.3 -64.4
fwAVG=4.77
sdW=67.5
fwW=4.79
sdS=11.5
fwS=4.82
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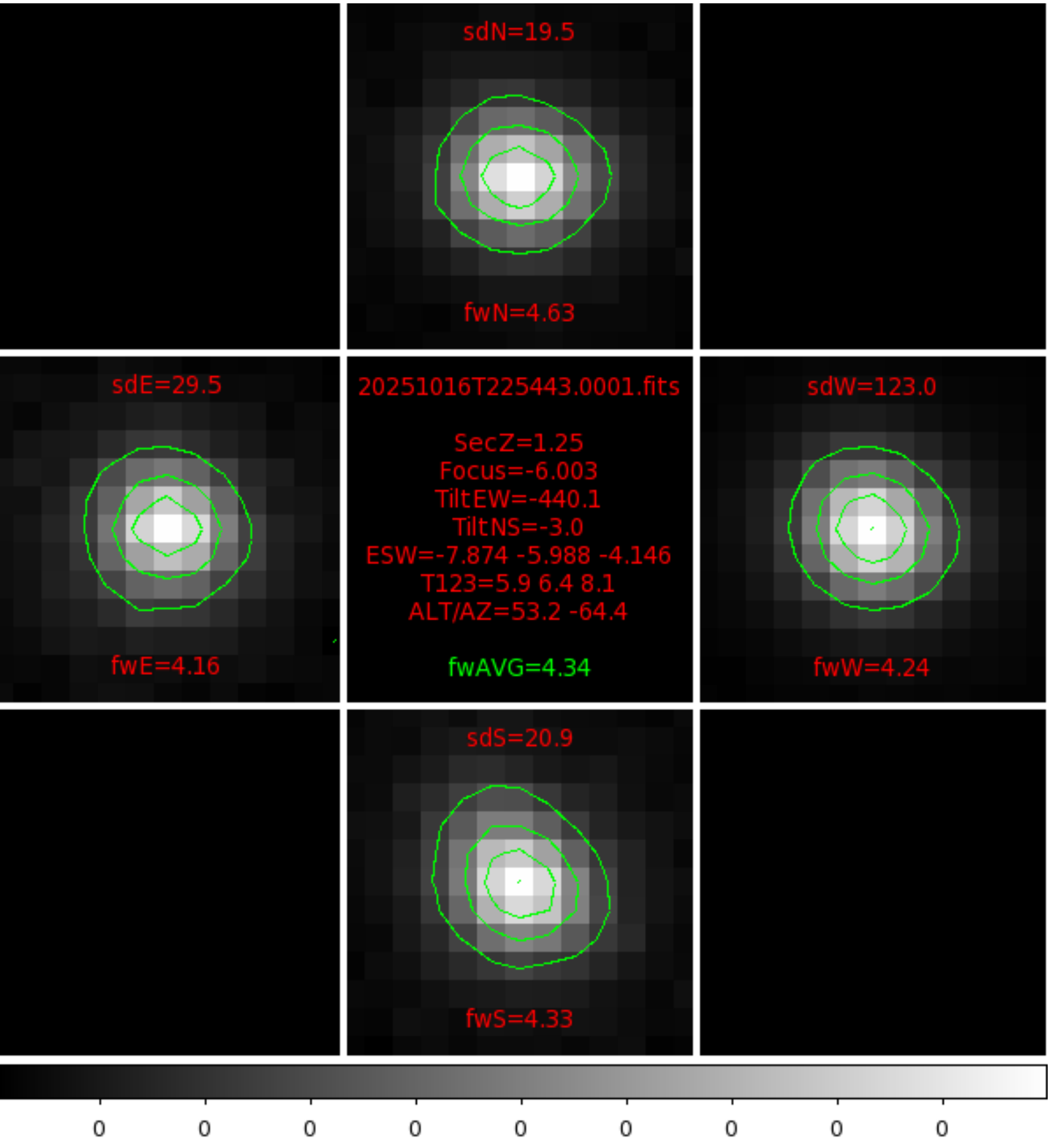
sdN=19.5
fwN=4.63
sdE=29.5
fwE=4.16
20251016T225443.0001.fits
SecZ=1.25
Focus=-6.003
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.874 -5.988 -4.146
T123=5.9 6.4 8.1
ALT/AZ=53.2 -64.4
fwAVG=4.34
sdW=123.0
fwW=4.24
sdS=20.9
fwS=4.33
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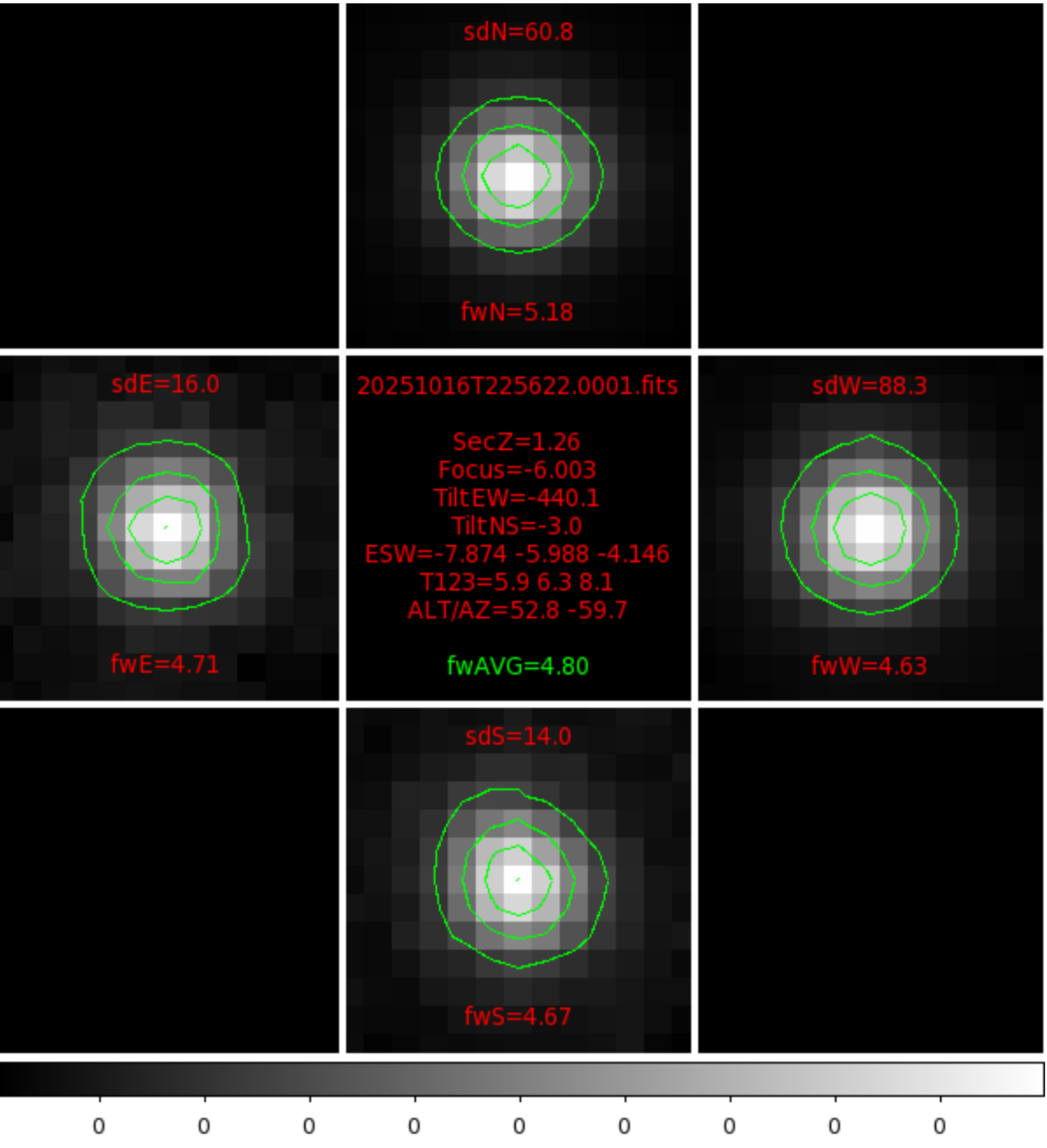
sdN=60.8
fwN=5.18
sdE=16.0
fwE=4.71
20251016T225622.0001.fits
SecZ=1.26
Focus=-6.003
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.874 -5.988 -4.146
T123=5.9 6.3 8.1
ALT/AZ=52.8 -59.7
fwAVG=4.80
sdW=88.3
fwW=4.63
sdS=14.0
fwS=4.67
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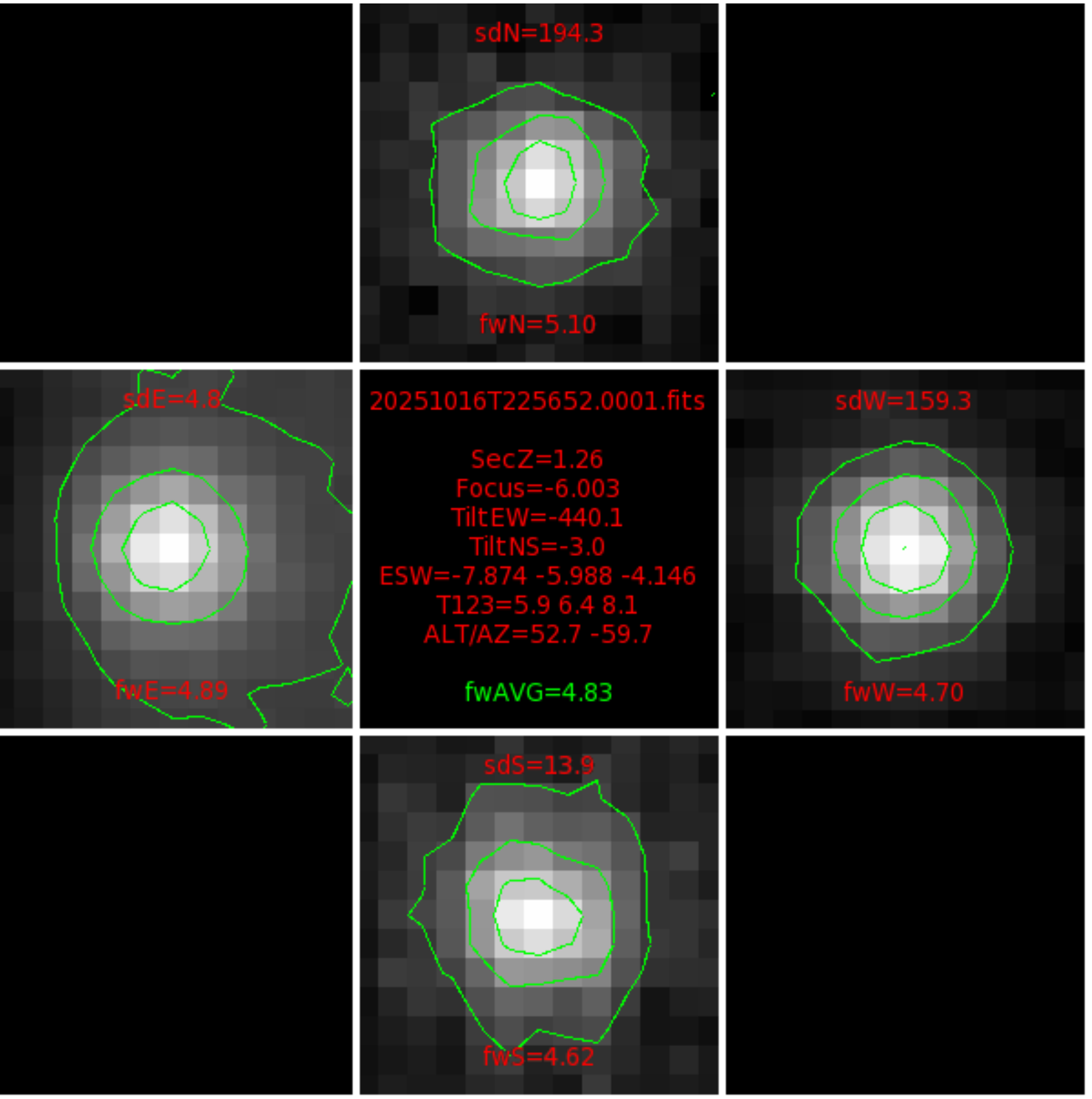
sdN=194.3
fwN=5.10
sdE=4.8
fwE=4.89
20251016T225652.0001.fits
SecZ=1.26
Focus=-6.003
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.874 -5.988 -4.146
T123=5.9 6.4 8.1
ALT/AZ=52.7 -59.7
fwAVG=4.83
sdW=159.3
fwW=4.70
sdS=13.9
fwS=4.62
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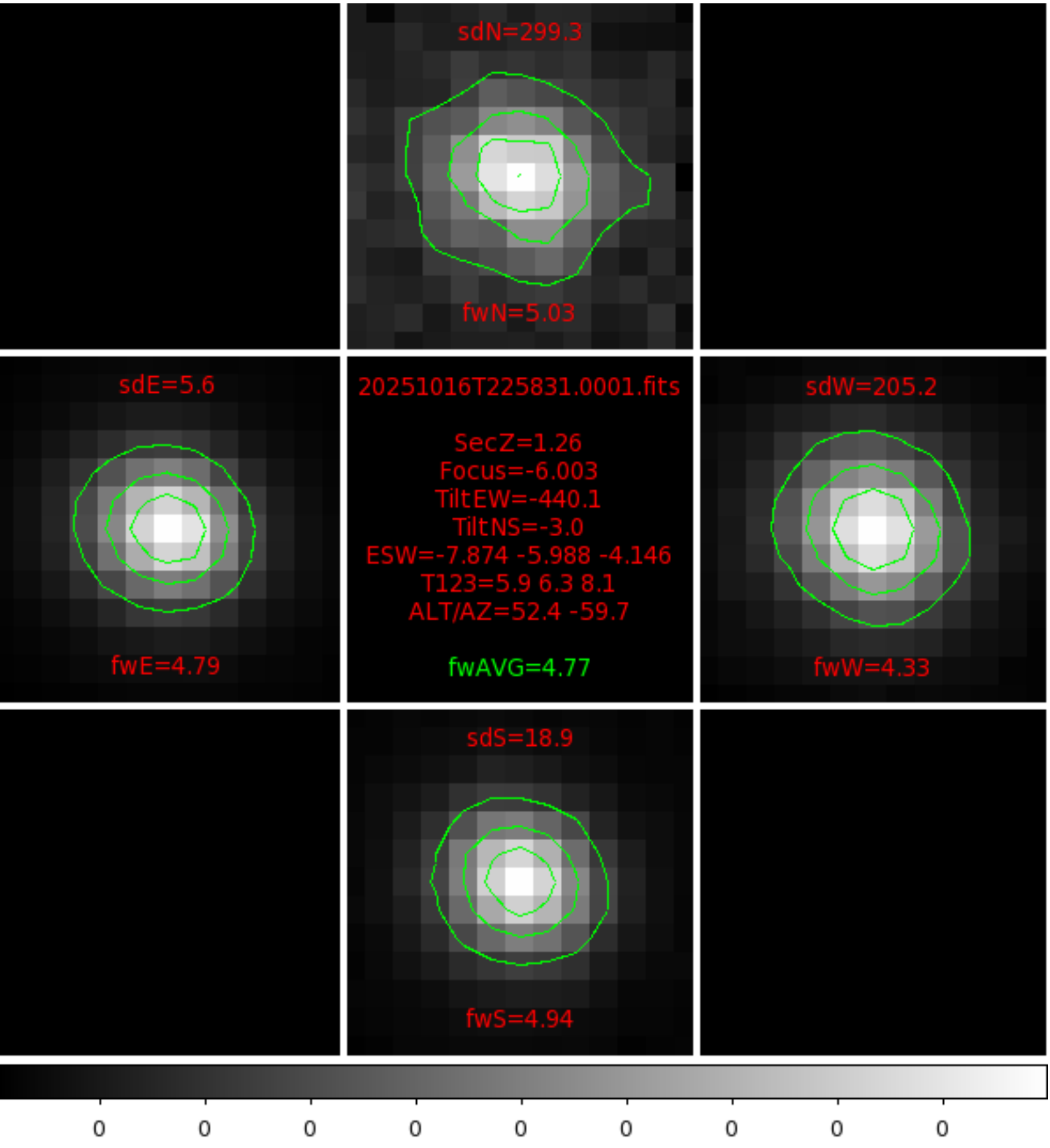
sdN=299.3
fwN=5.03
sdE=5.6
fwE=4.79
20251016T225831.0001.fits
SecZ=1.26
Focus=-6.003
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.874 -5.988 -4.146
T123=5.9 6.3 8.1
ALT/AZ=52.4 -59.7
fwAVG=4.77
sdW=205.2
fwW=4.33
sdS=18.9
fwS=4.94
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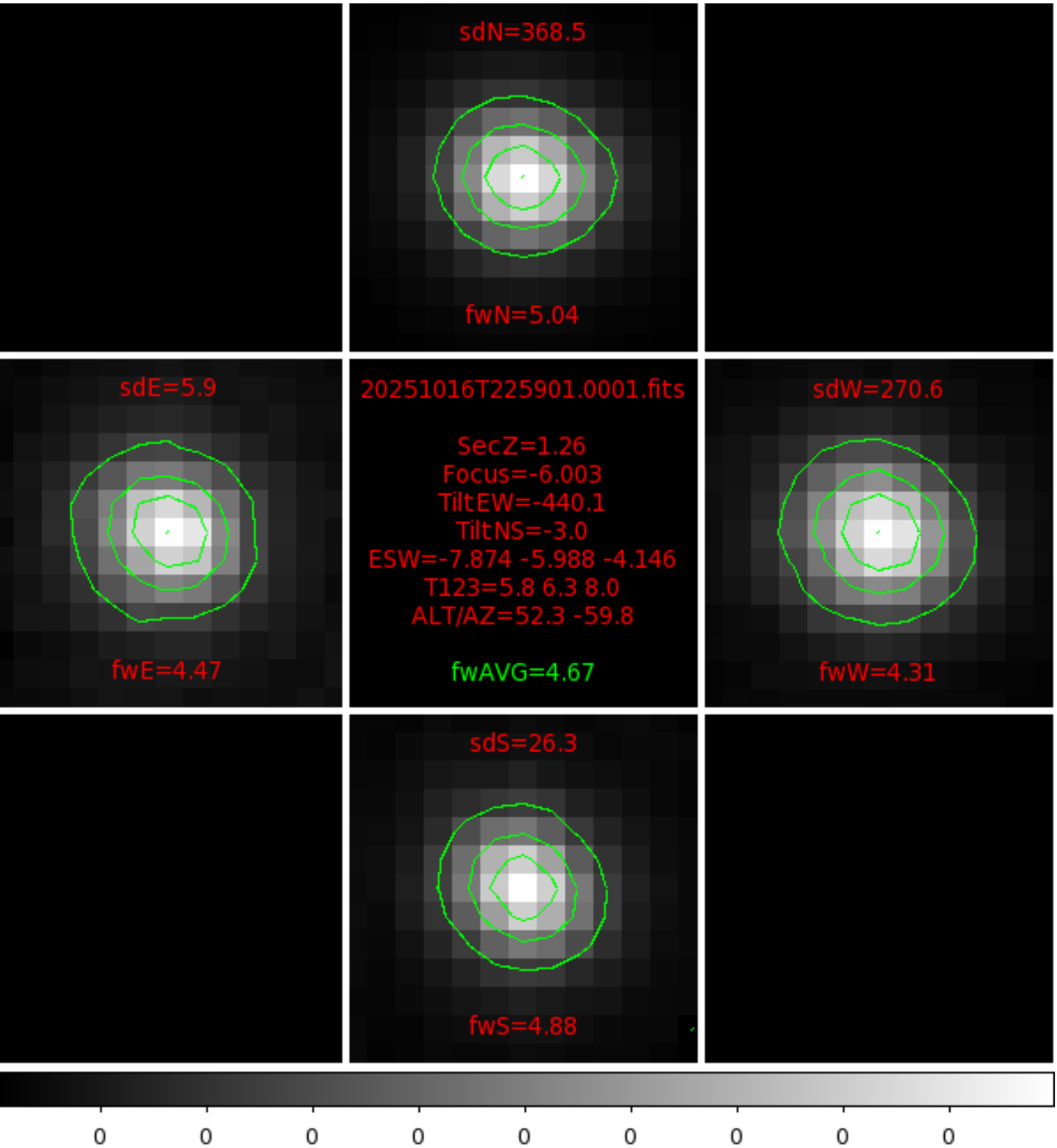
sdN=368.5
fwN=5.04
sdE=5.9
fwE=4.47
20251016T225901.0001.fits
SecZ=1.26
Focus=-6.003
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.874 -5.988 -4.146
T123=5.8 6.3 8.0
ALT/AZ=52.3 -59.8
fwAVG=4.67
sdW=270.6
fwW=4.31
sdS=26.3
fwS=4.88
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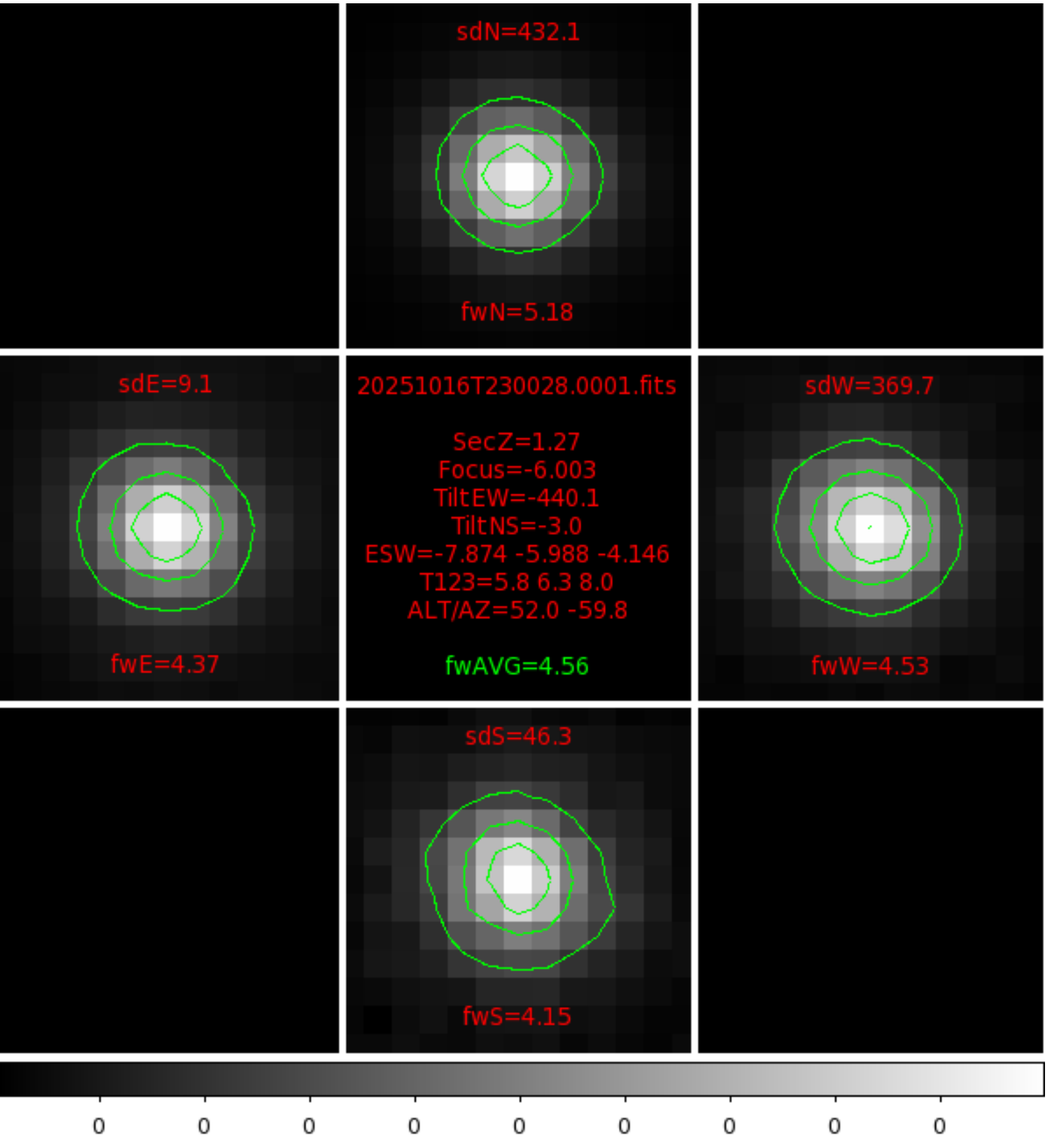
sdN=432.1
fwN=5.18
sdE=9.1
fwE=4.37
20251016T230028.0001.fits
SecZ=1.27
Focus=-6.003
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.874 -5.988 -4.146
T123=5.8 6.3 8.0
ALT/AZ=52.0 -59.8
fwAVG=4.56
sdW=369.7
fwW=4.53
sdS=46.3
fwS=4.15
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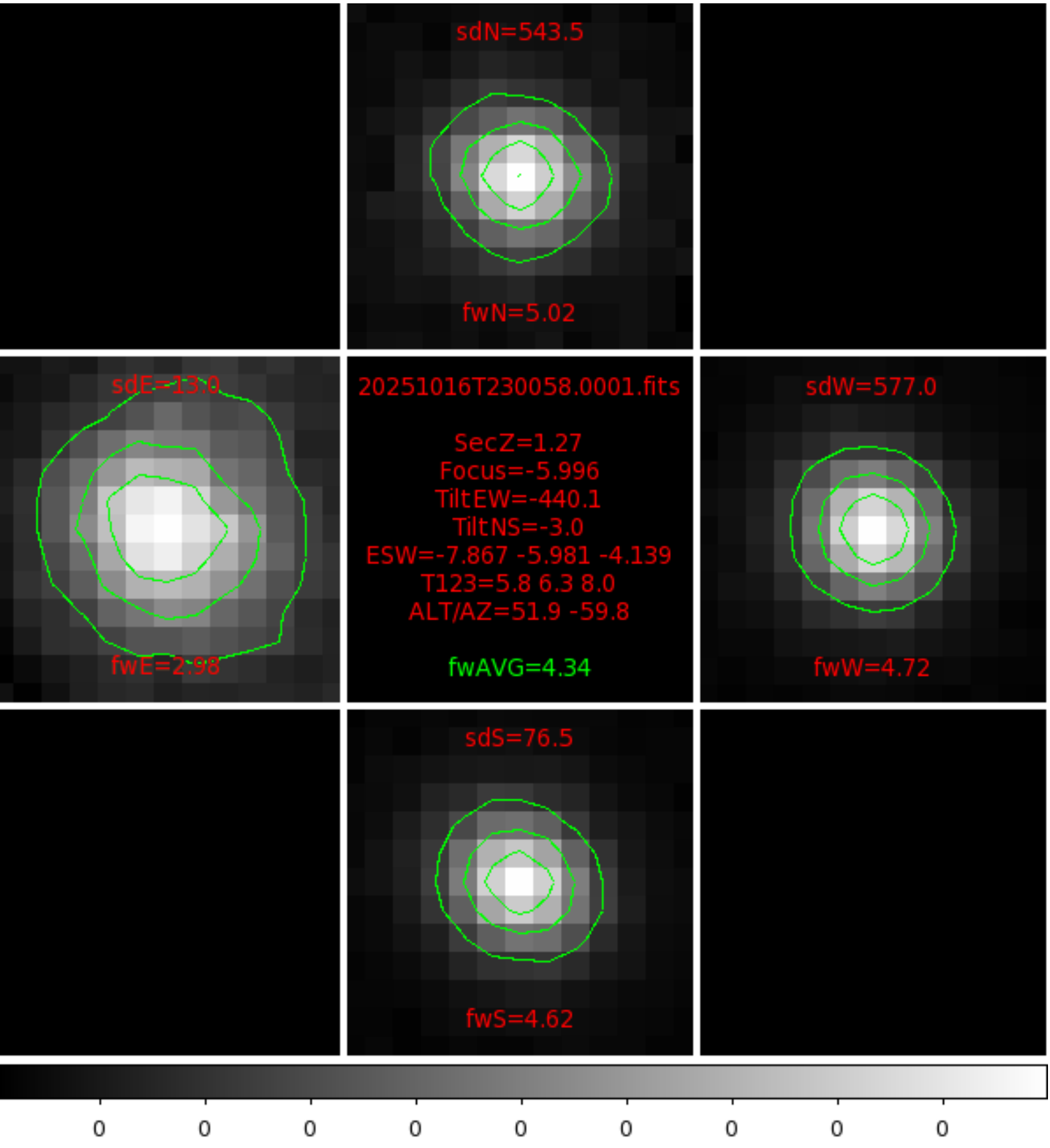
sdN=543.5
fwN=5.02
sdE=-13.0
fwE=2.98
20251016T230058.0001.fits
SecZ=1.27
Focus=-5.996
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.867 -5.981 -4.139
T123=5.8 6.3 8.0
ALT/AZ=51.9 -59.8
fwAVG=4.34
sdW=577.0
fwW=4.72
sdS=76.5
fwS=4.62
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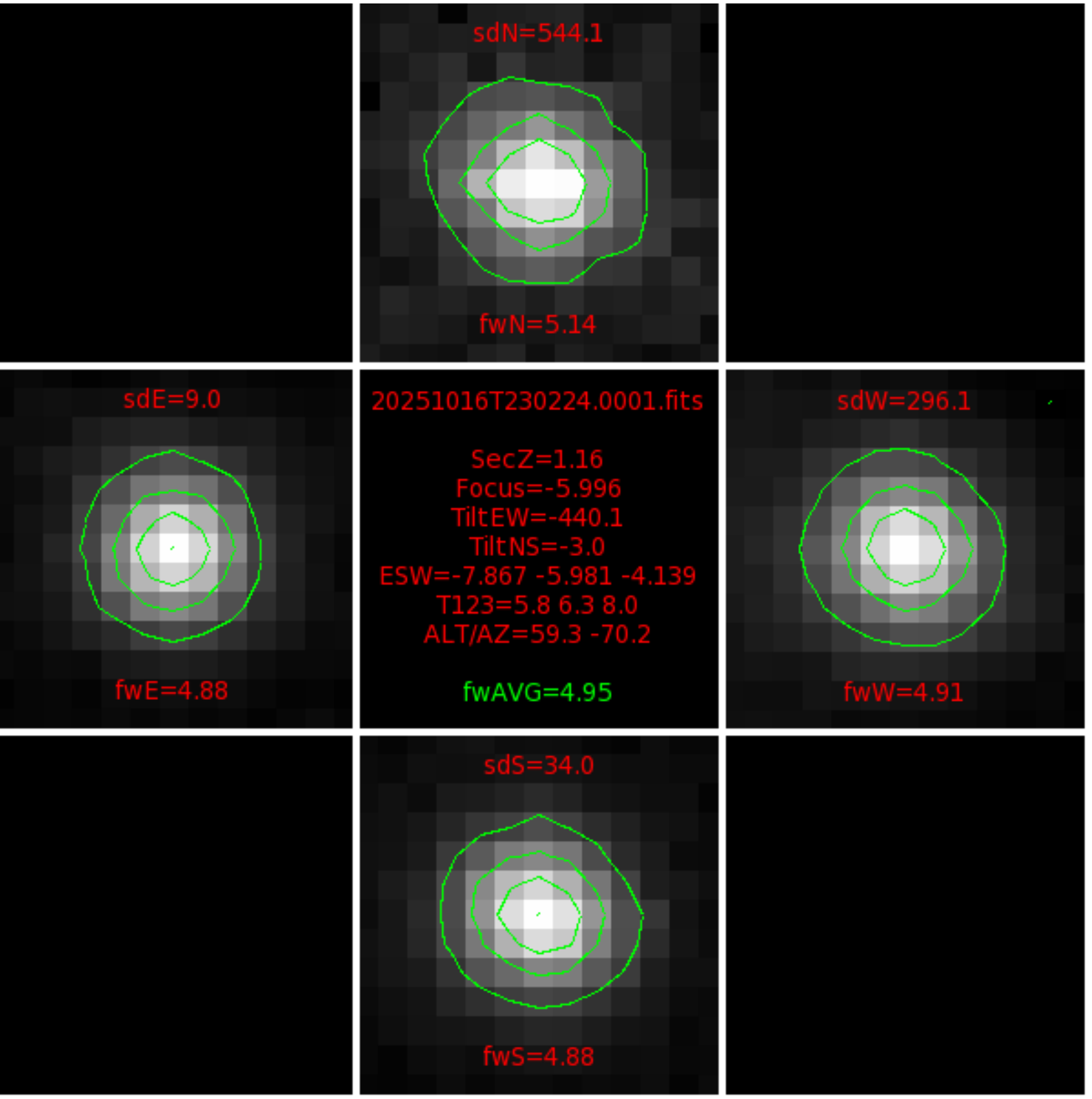
sdN=544.1
fwN=5.14
sdE=9.0
fwE=4.88
20251016T230224.0001.fits
SecZ=1.16
Focus=-5.996
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.867 -5.981 -4.139
T123=5.8 6.3 8.0
ALT/AZ=59.3 -70.2
fwAVG=4.95
sdW=296.1
fwW=4.91
sdS=34.0
fwS=4.88
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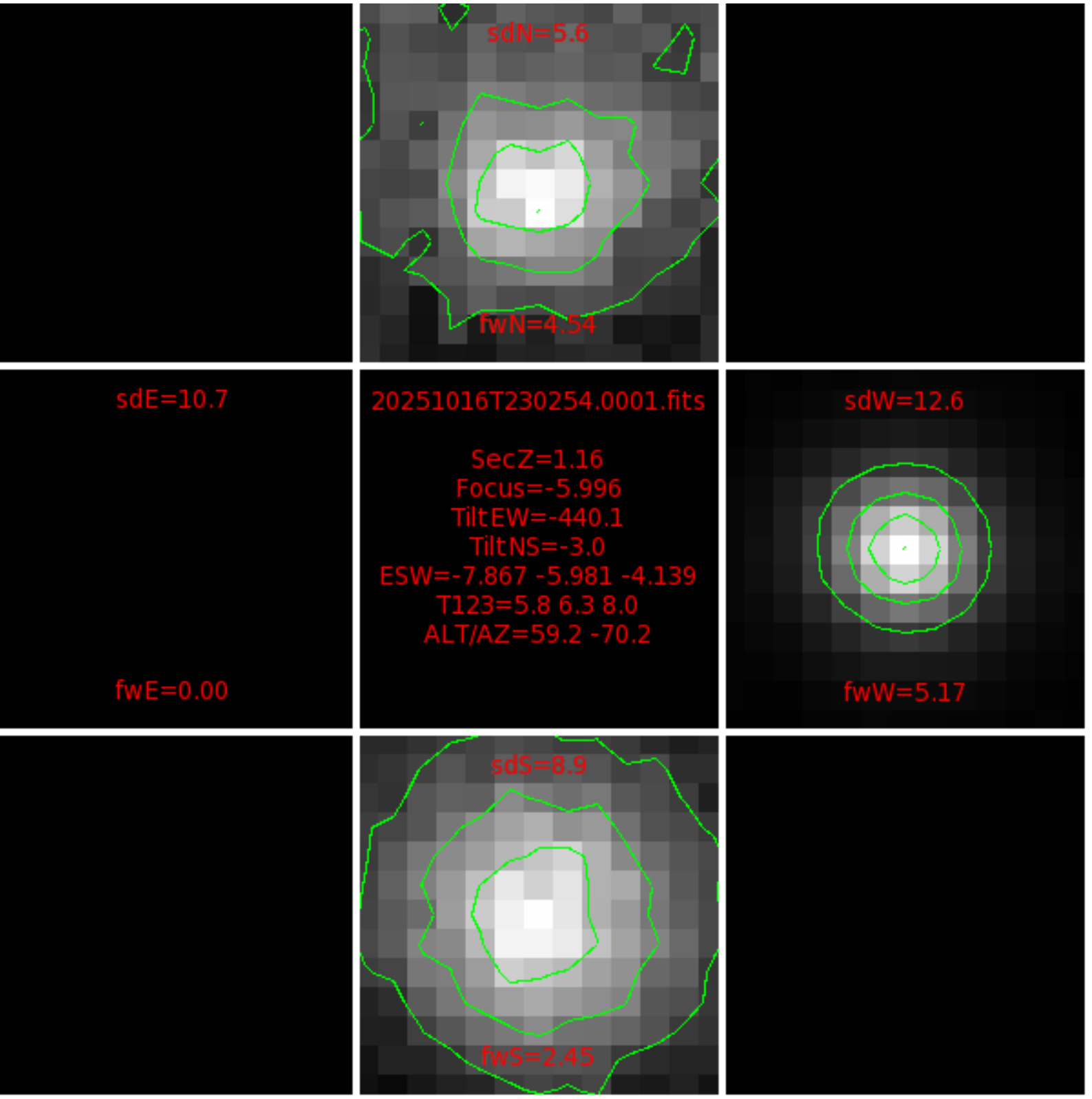
sdN=5.6
fwN=4.54
sdE=10.7
fwE=0.00
20251016T230254.0001.fits
SecZ=1.16
Focus=-5.996
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.867 -5.981 -4.139
T123=5.8 6.3 8.0
ALT/AZ=59.2 -70.2
sdW=12.6
fwW=5.17
sdS=8.9
fwS=2.45
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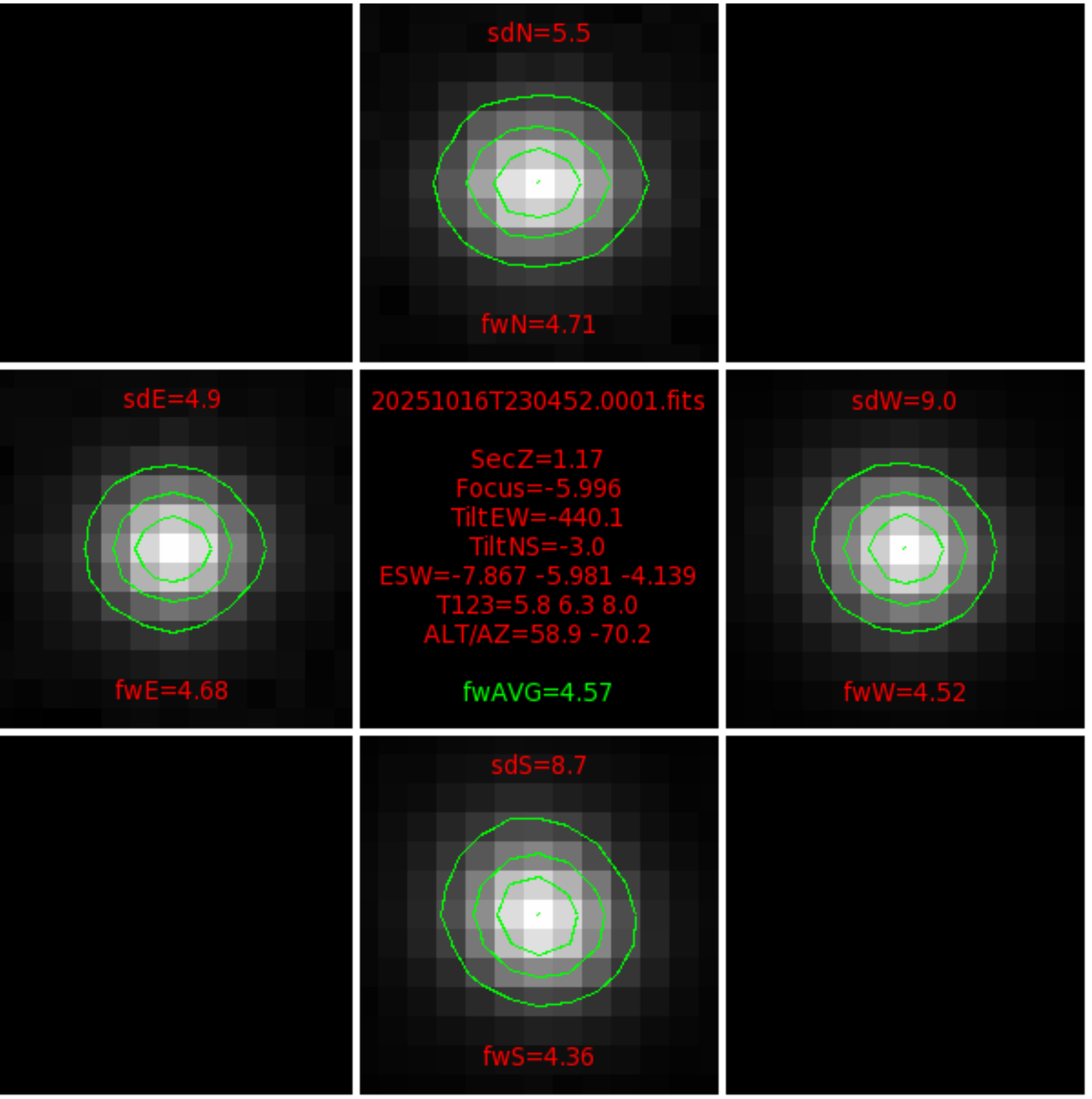
sdN=5.5
fwN=4.71
sdE=4.9
fwE=4.68
20251016T230452.0001.fits
SecZ=1.17
Focus=-5.996
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.867 -5.981 -4.139
T123=5.8 6.3 8.0
ALT/AZ=58.9 -70.2
fwAVG=4.57
sdW=9.0
fwW=4.52
sdS=8.7
fwS=4.36
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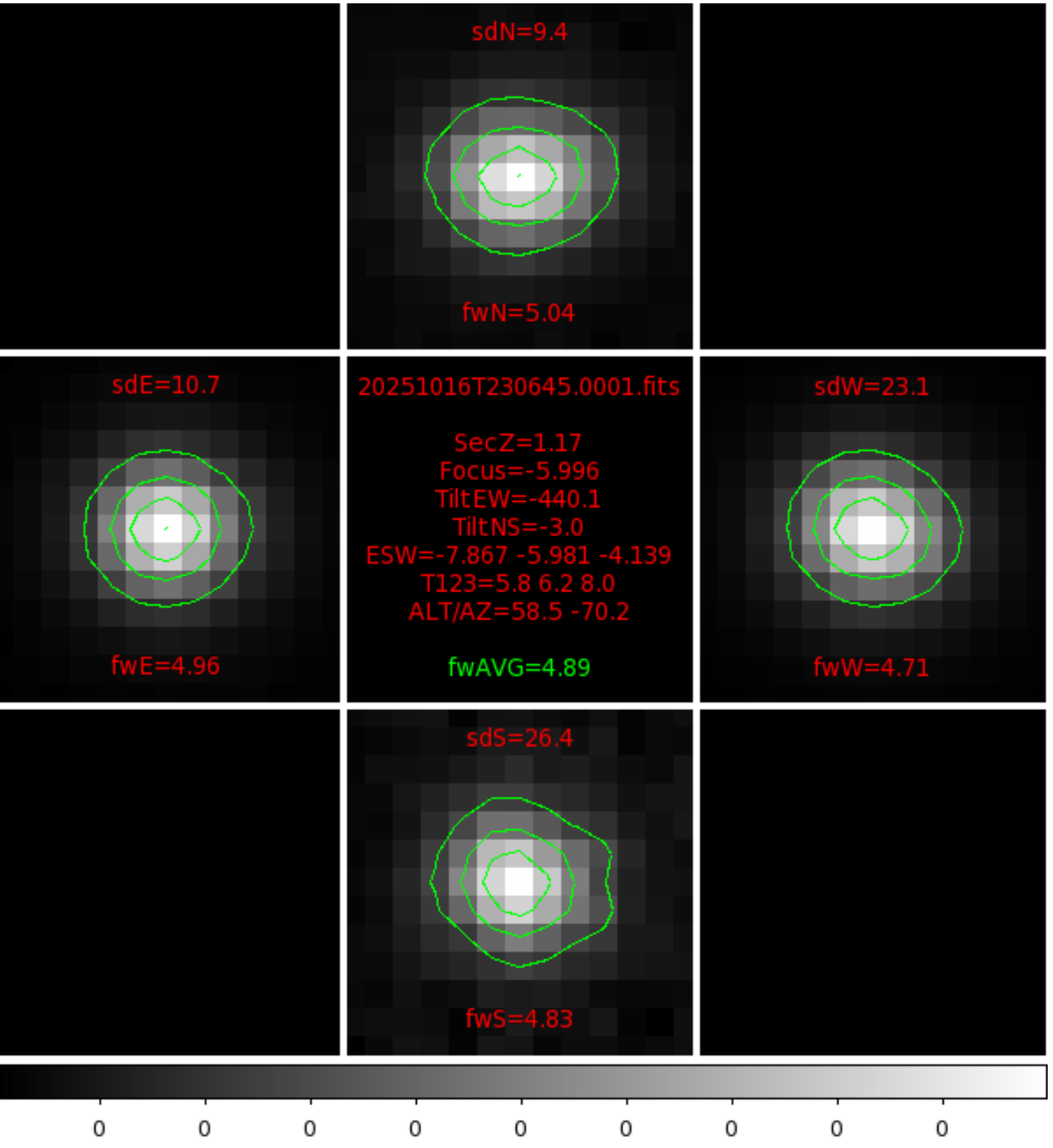
sdN=9.4
fwN=5.04
sdE=10.7
fwE=4.96
20251016T230645.0001.fits
SecZ=1.17
Focus=-5.996
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.867 -5.981 -4.139
T123=5.8 6.2 8.0
ALT/AZ=58.5 -70.2
fwAVG=4.89
sdW=23.1
fwW=4.71
sdS=26.4
fwS=4.83
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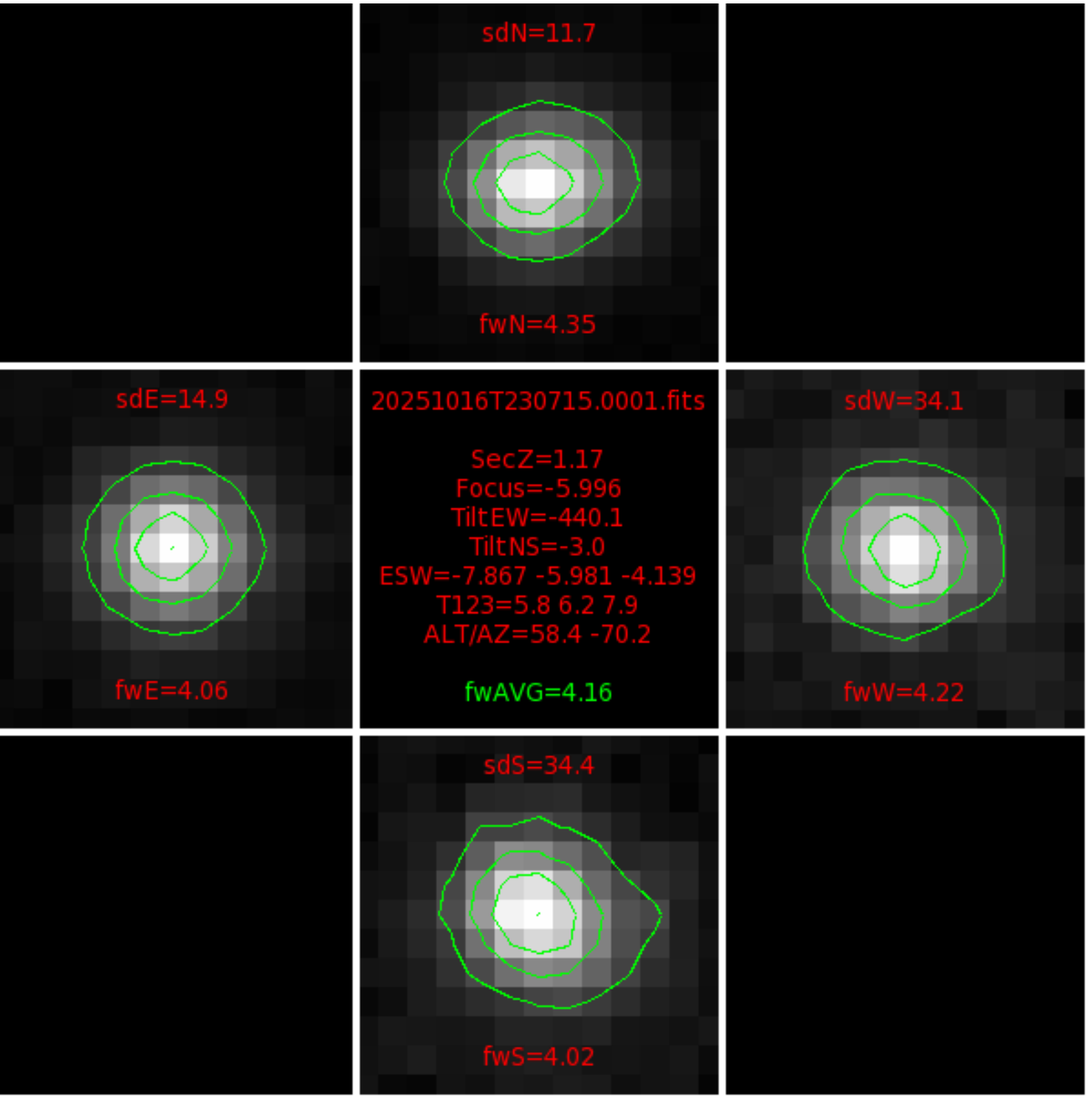
sdN=11.7
fwN=4.35
sdE=14.9
fwE=4.06
20251016T230715.0001.fits
SecZ=1.17
Focus=-5.996
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.867 -5.981 -4.139
T123=5.8 6.2 7.9
ALT/AZ=58.4 -70.2
fwAVG=4.16
sdW=34.1
fwW=4.22
sdS=34.4
fwS=4.02
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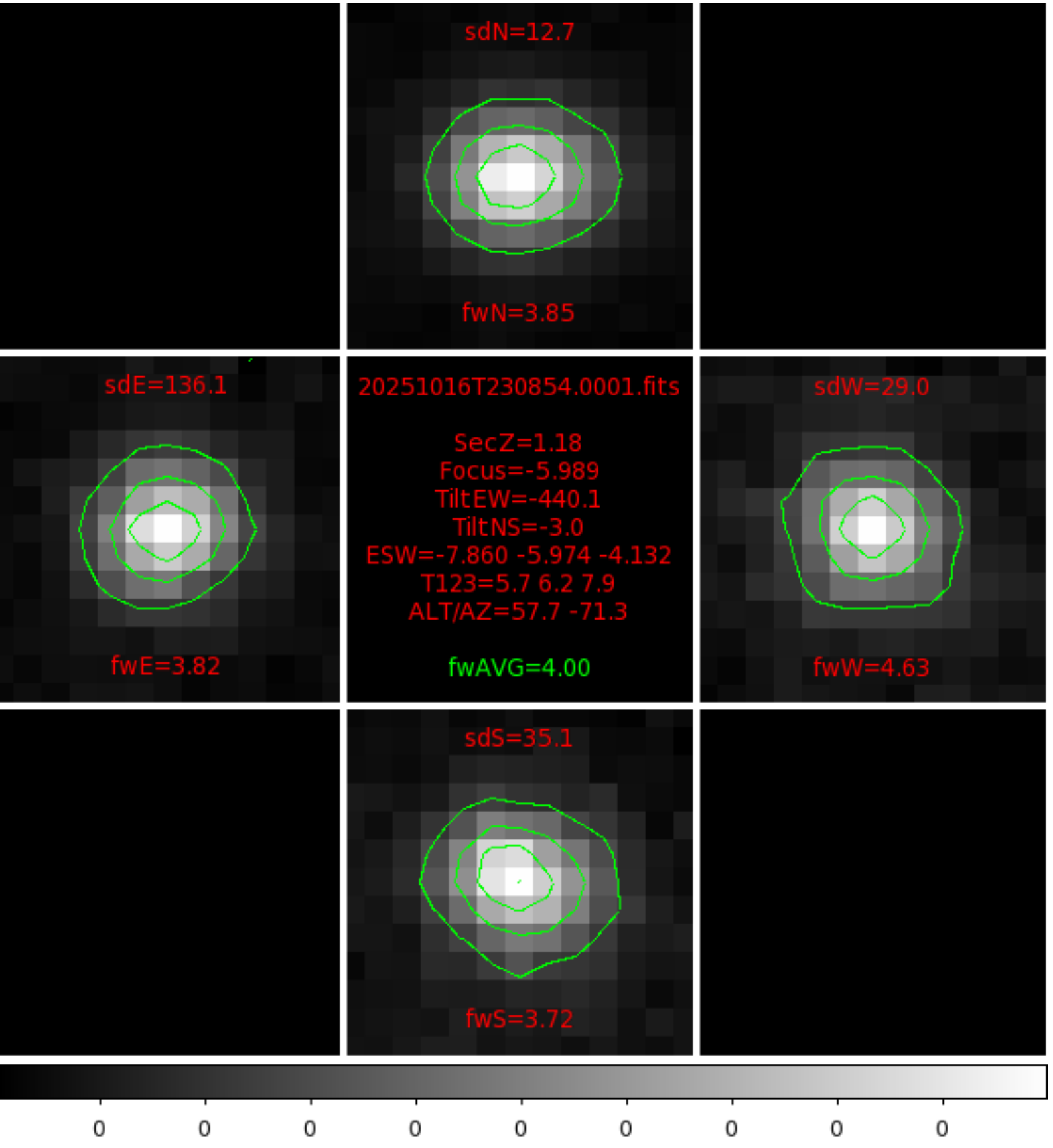
sdN=12.7
fwN=3.85
sdE=136.1
fwE=3.82
20251016T230854.0001.fits
SecZ=1.18
Focus=-5.989
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.860 -5.974 -4.132
T123=5.7 6.2 7.9
ALT/AZ=57.7 -71.3
fwAVG=4.00
sdW=29.0
fwW=4.63
sdS=35.1
fwS=3.72
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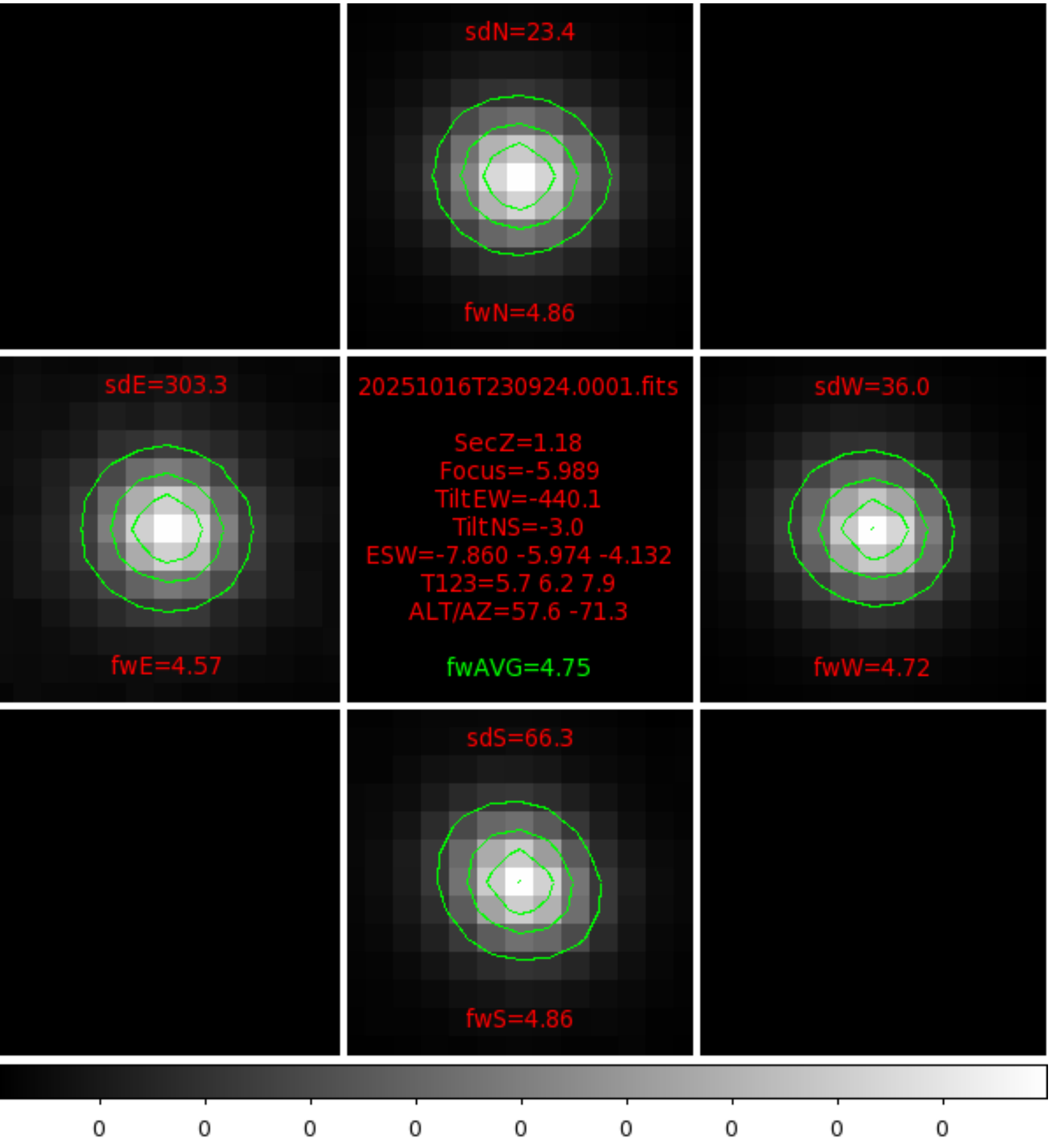
sdN=23.4
fwN=4.86
sdE=303.3
fwE=4.57
20251016T230924.0001.fits
SecZ=1.18
Focus=-5.989
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.860 -5.974 -4.132
T123=5.7 6.2 7.9
ALT/AZ=57.6 -71.3
fwAVG=4.75
sdW=36.0
fwW=4.72
sdS=66.3
fwS=4.86
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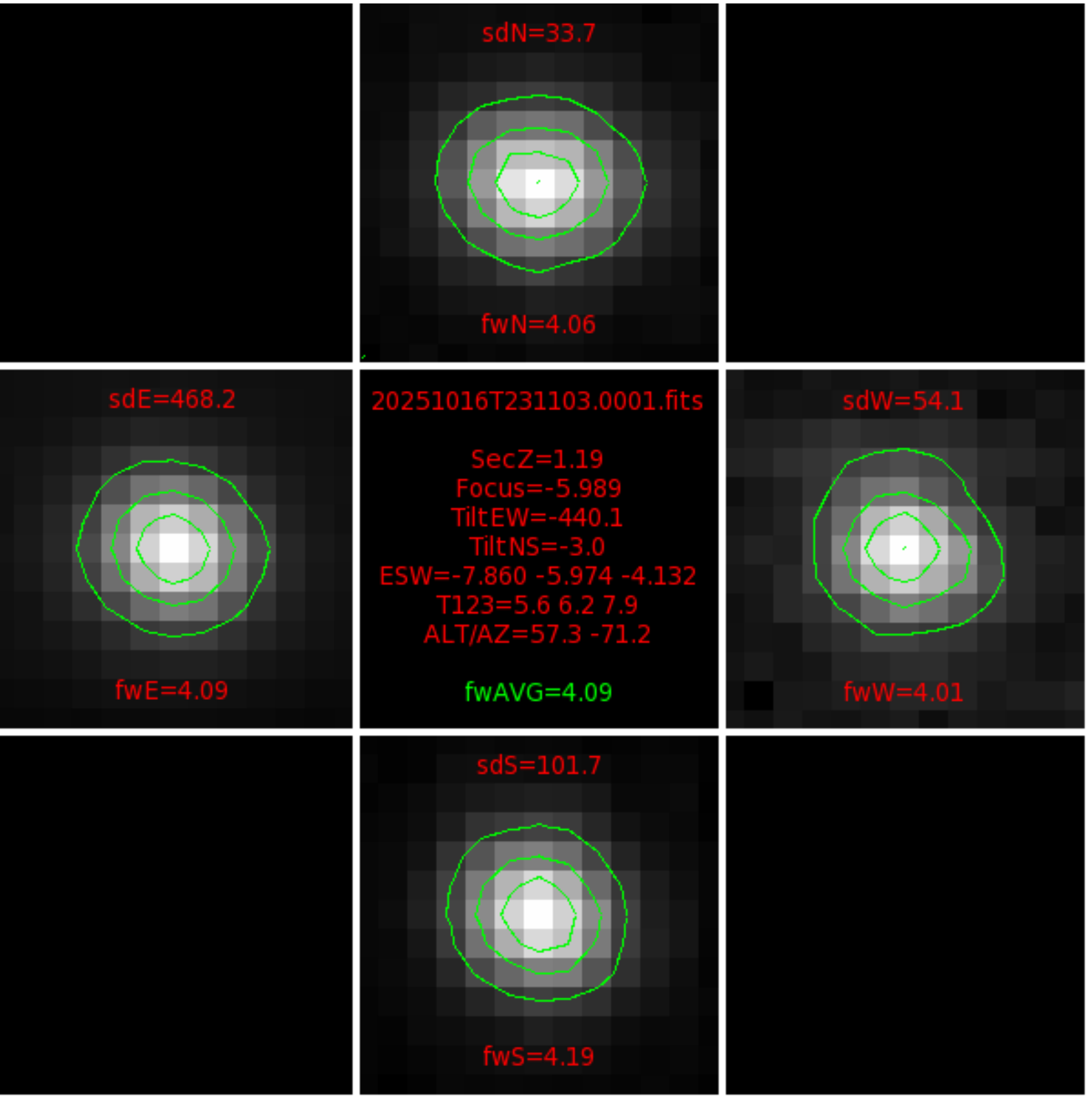
sdN=33.7
fwN=4.06
sdE=468.2
fwE=4.09
20251016T231103.0001.fits
SecZ=1.19
Focus=-5.989
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.860 -5.974 -4.132
T123=5.6 6.2 7.9
ALT/AZ=57.3 -71.2
fwAVG=4.09
sdW=54.1
fwW=4.01
sdS=101.7
fwS=4.19
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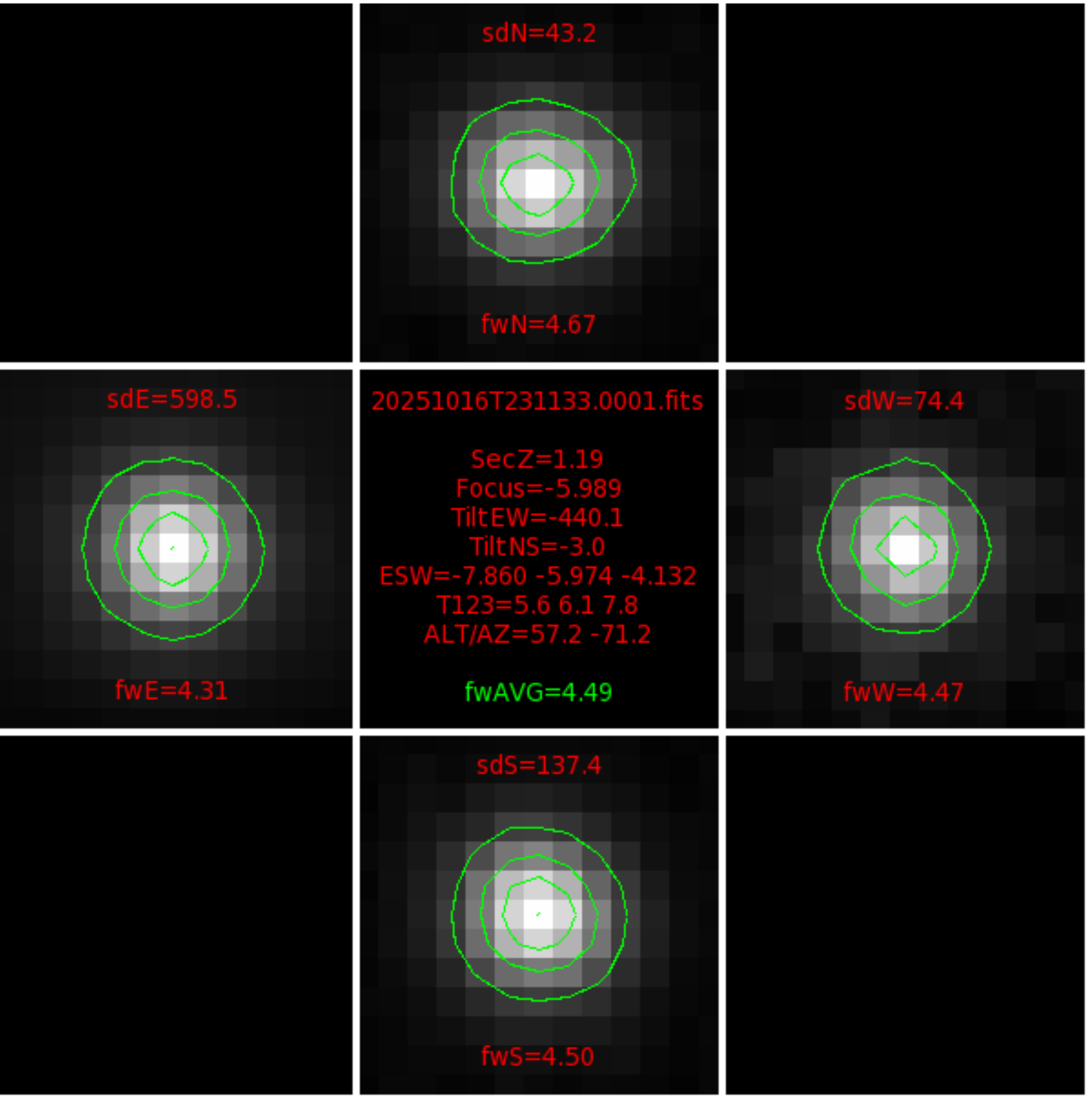
sdN=43.2
fwN=4.67
sdE=598.5
fwE=4.31
20251016T231133.0001.fits
SecZ=1.19
Focus=-5.989
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.860 -5.974 -4.132
T123=5.6 6.1 7.8
ALT/AZ=57.2 -71.2
fwAVG=4.49
sdW=74.4
fwW=4.47
sdS=137.4
fwS=4.50
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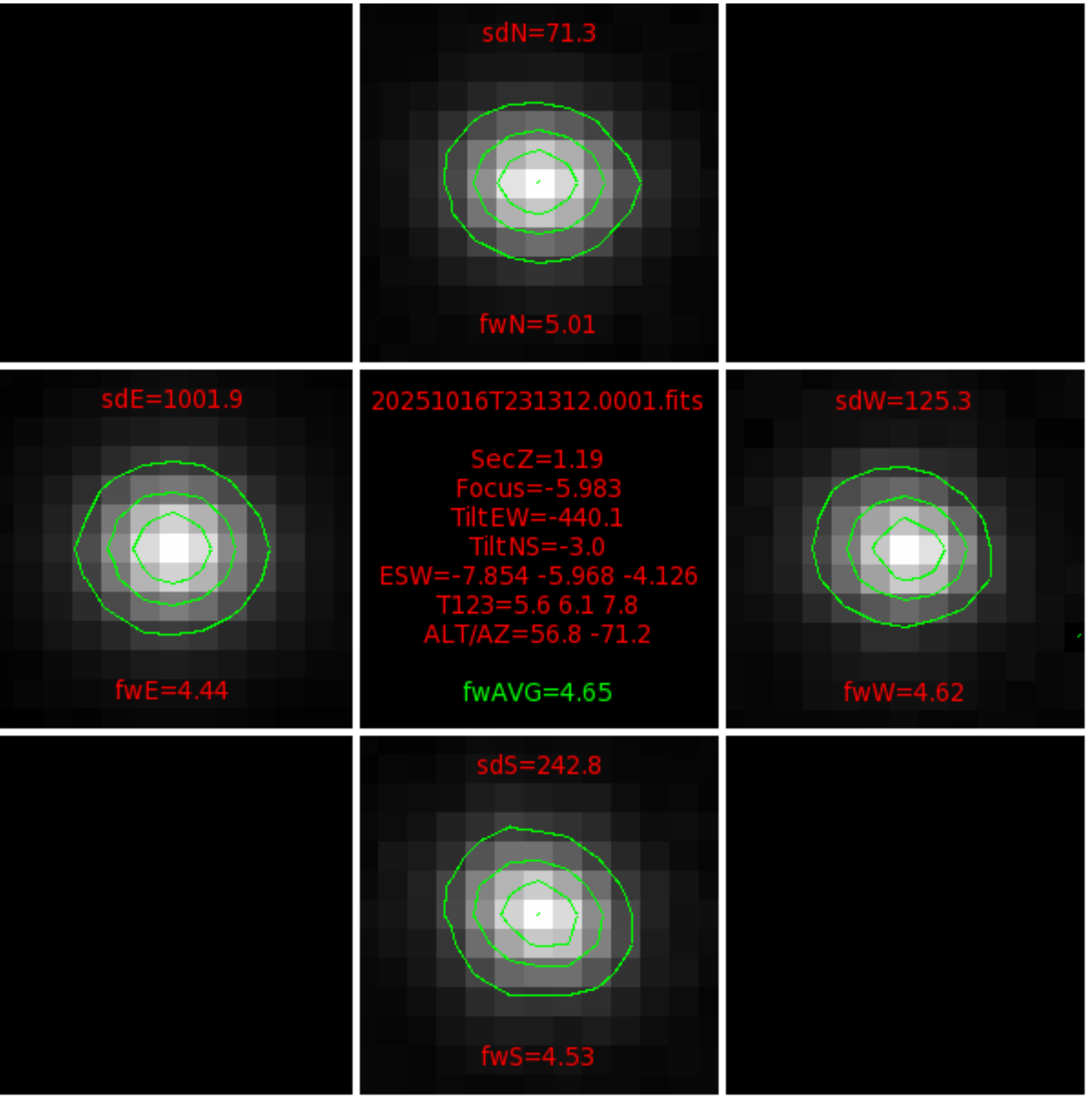
sdN=71.3
fwN=5.01
sdE=1001.9
fwE=4.44
20251016T231312.0001.fits
SecZ=1.19
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.6 6.1 7.8
ALT/AZ=56.8 -71.2
fwAVG=4.65
sdW=125.3
fwW=4.62
sdS=242.8
fwS=4.53
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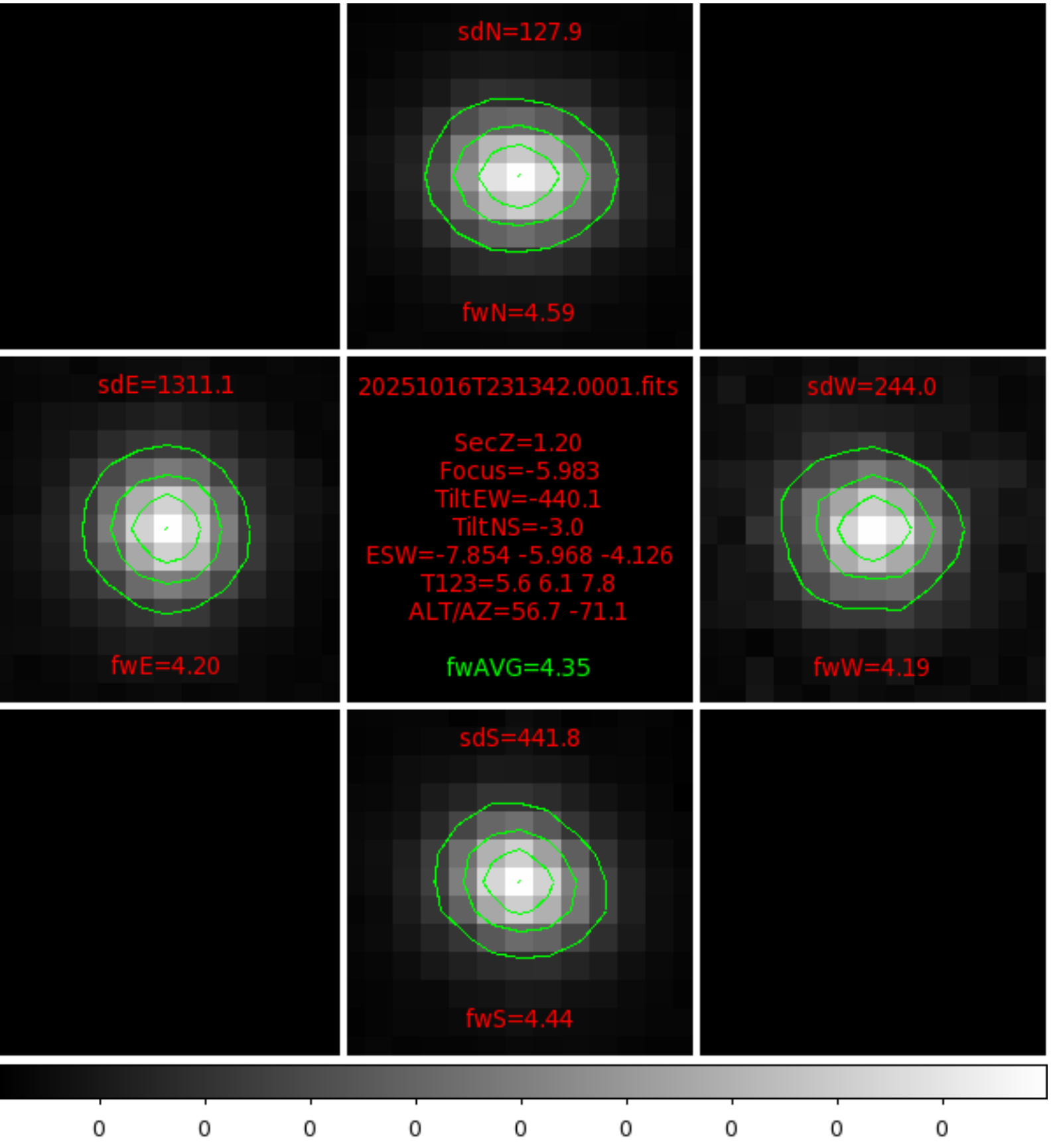
sdN=127.9
fwN=4.59
sdE=1311.1
fwE=4.20
20251016T231342.0001.fits
SecZ=1.20
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.6 6.1 7.8
ALT/AZ=56.7 -71.1
fwAVG=4.35
sdW=244.0
fwW=4.19
sdS=441.8
fwS=4.44
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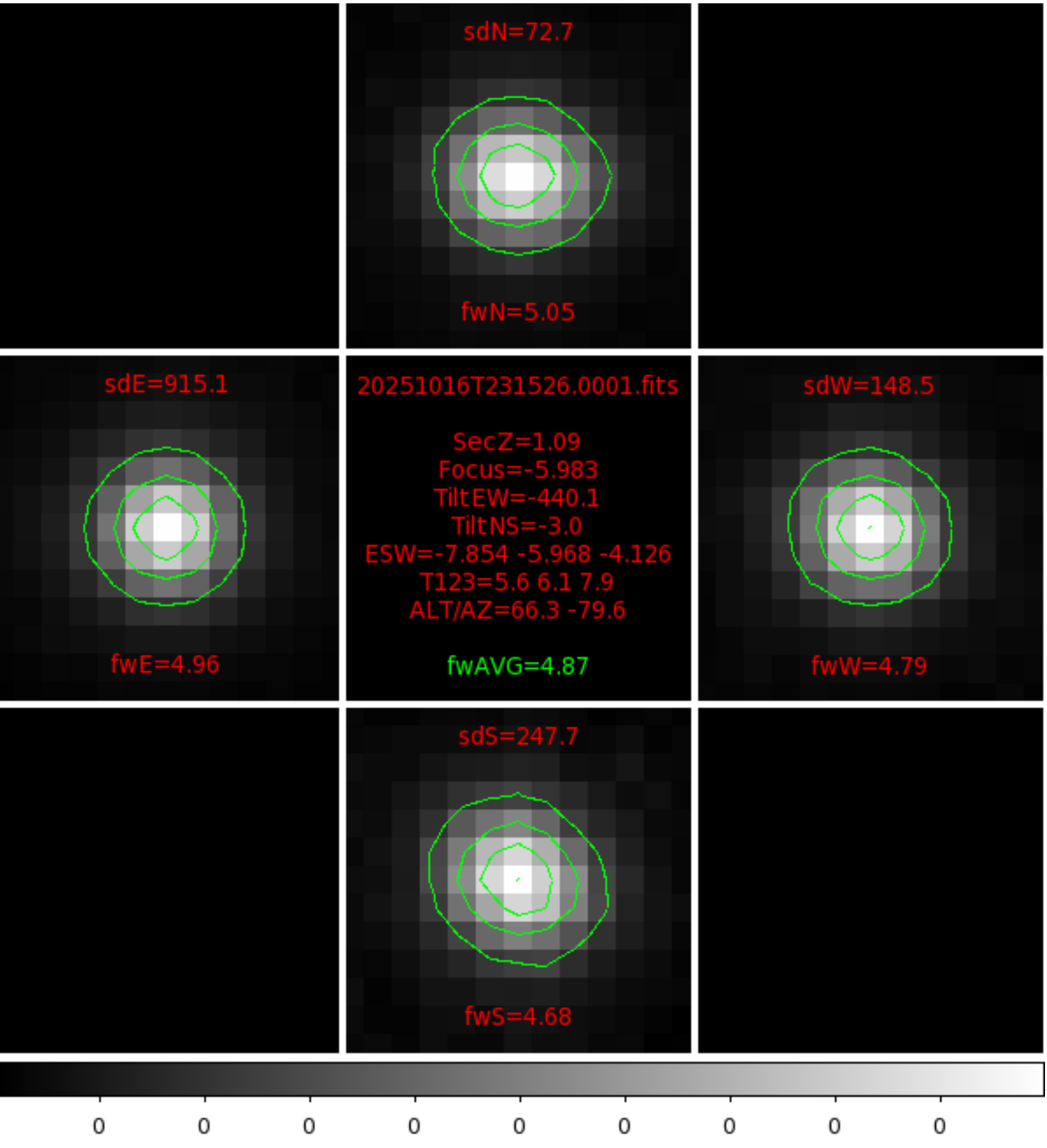
sdN=72.7
fwN=5.05
sdE=915.1
fwE=4.96
20251016T231526.0001.fits
SecZ=1.09
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.6 6.1 7.9
ALT/AZ=66.3 -79.6
fwAVG=4.87
sdW=148.5
fwW=4.79
sdS=247.7
fwS=4.68
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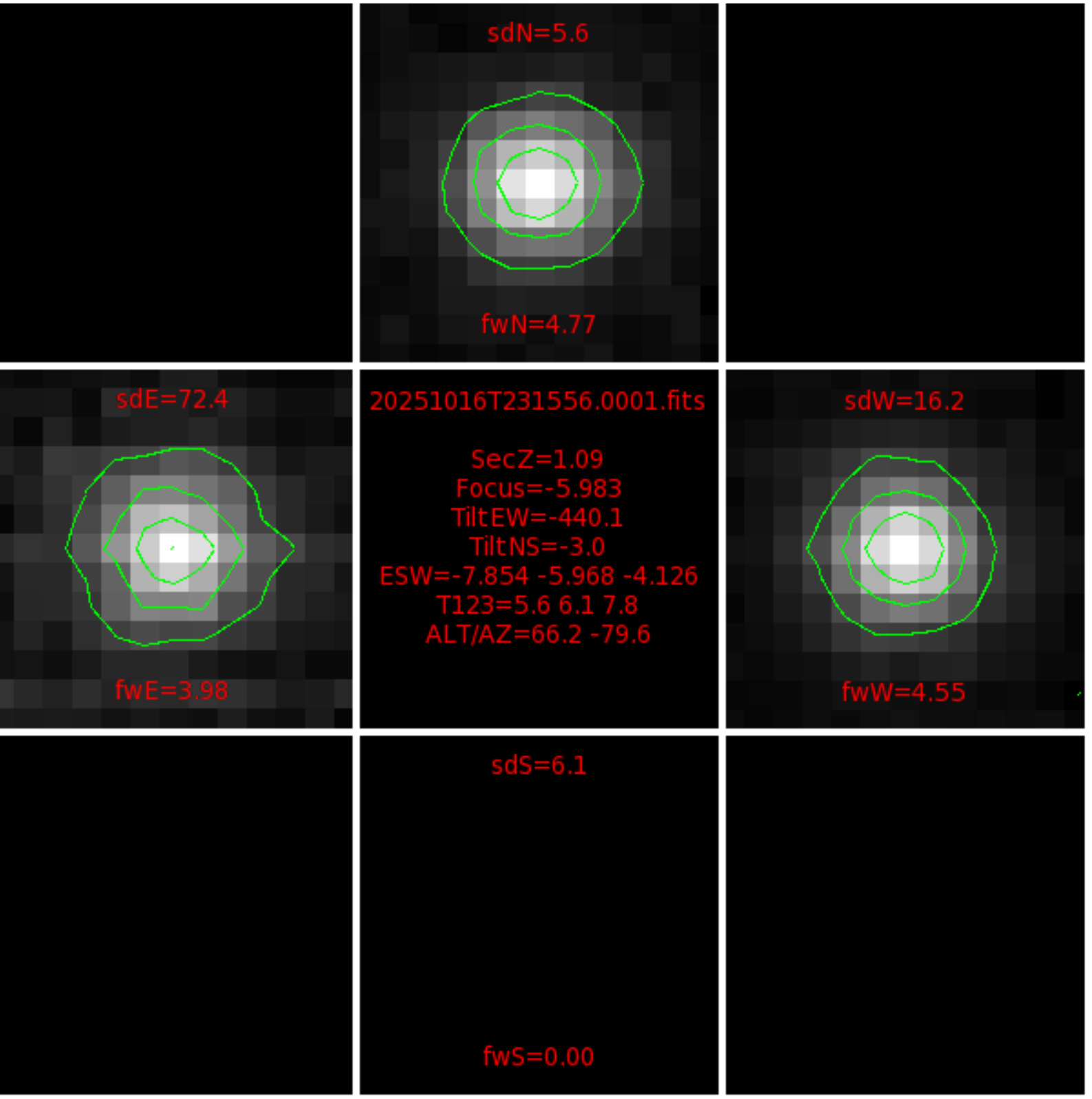
sdN=5.6
fwN=4.77
sdE=72.4
fwE=3.98
20251016T231556.0001.fits
SecZ=1.09
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.6 6.1 7.8
ALT/AZ=66.2 -79.6
sdW=16.2
fwW=4.55
sdS=6.1
fwS=0.00
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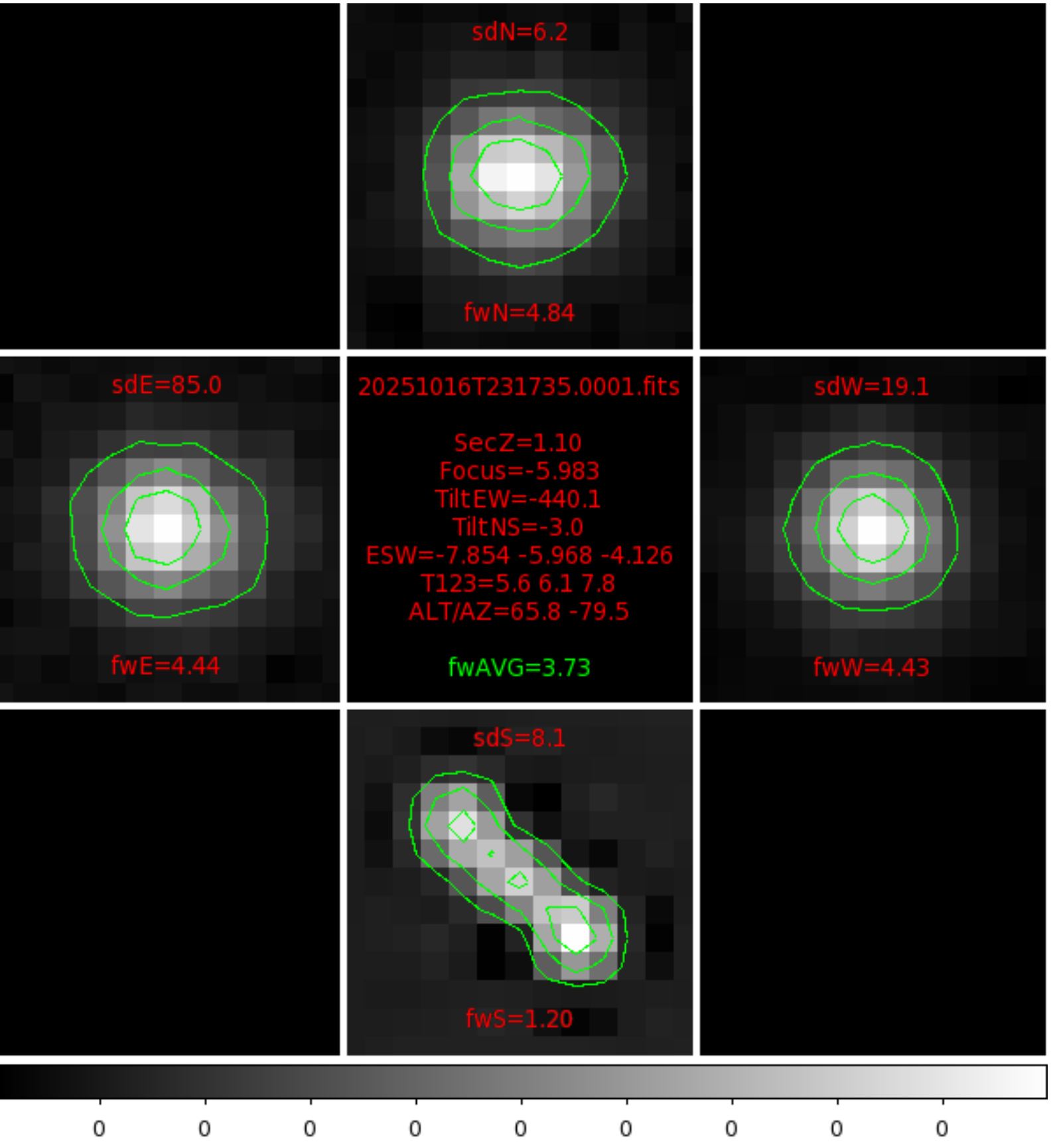
sdN=6.2
fwN=4.84
sdE=85.0
fwE=4.44
20251016T231735.0001.fits
SecZ=1.10
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.6 6.1 7.8
ALT/AZ=65.8 -79.5
fwAVG=3.73
sdW=19.1
fwW=4.43
sdS=8.1
fwS=1.20
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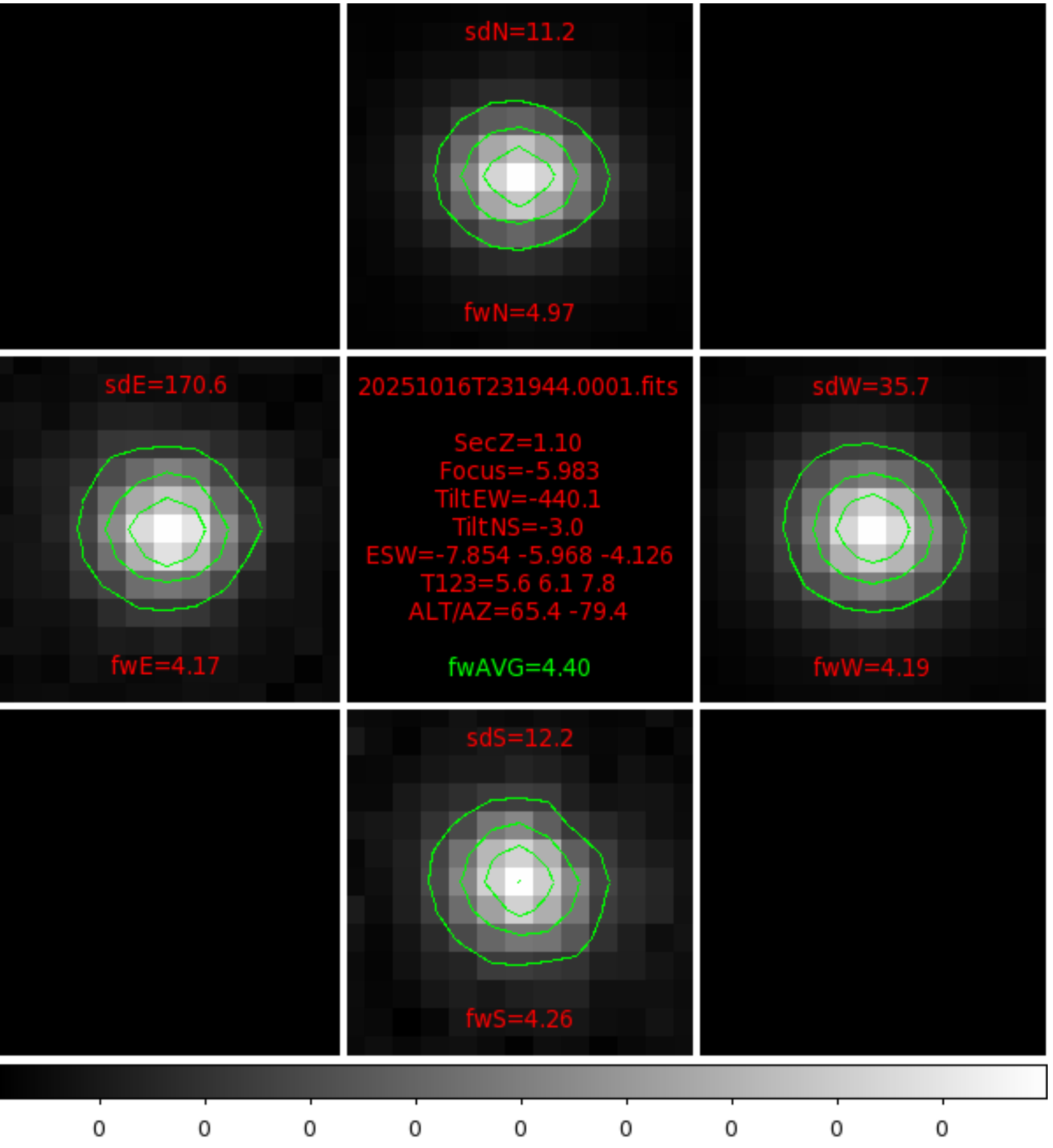
sdN=11.2
fwN=4.97
sdE=170.6
fwE=4.17
20251016T231944.0001.fits
SecZ=1.10
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.6 6.1 7.8
ALT/AZ=65.4 -79.4
fwAVG=4.40
sdW=35.7
fwW=4.19
sdS=12.2
fwS=4.26
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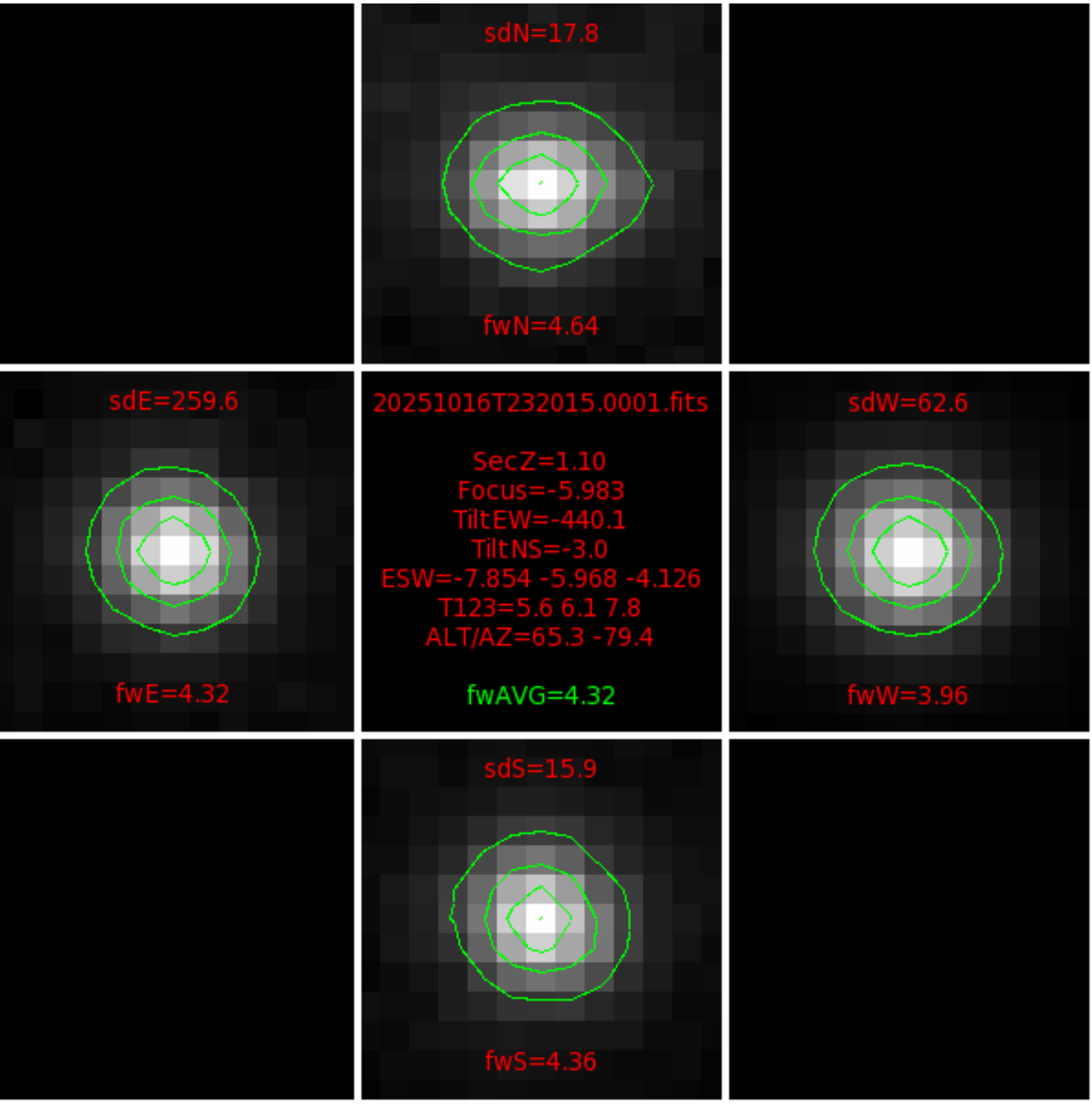
sdN=17.8
fwN=4.64
sdE=259.6
fwE=4.32
20251016T232015.0001.fits
SecZ=1.10
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.6 6.1 7.8
ALT/AZ=65.3 -79.4
fwAVG=4.32
sdW=62.6
fwW=3.96
sdS=15.9
fwS=4.36
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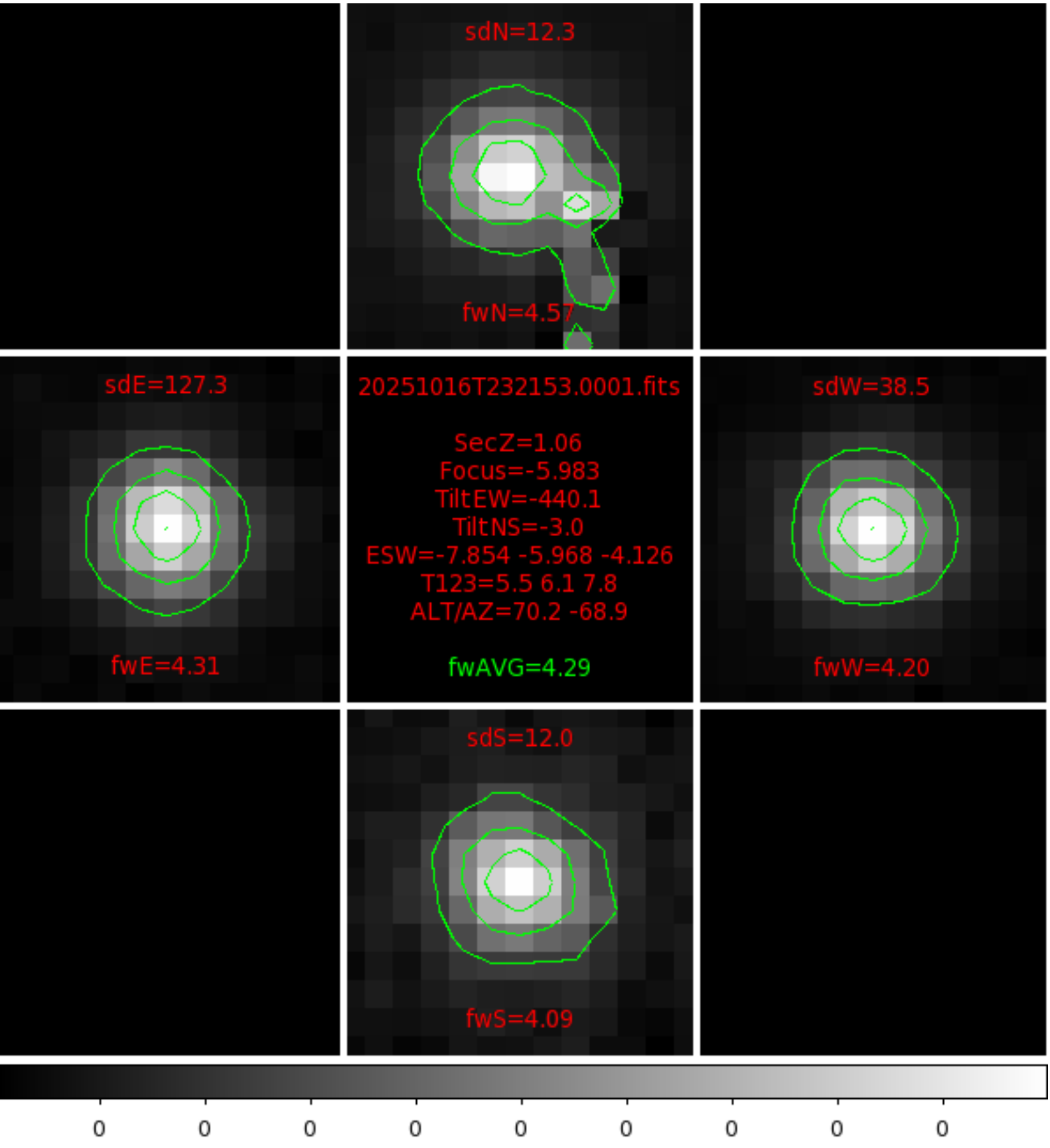
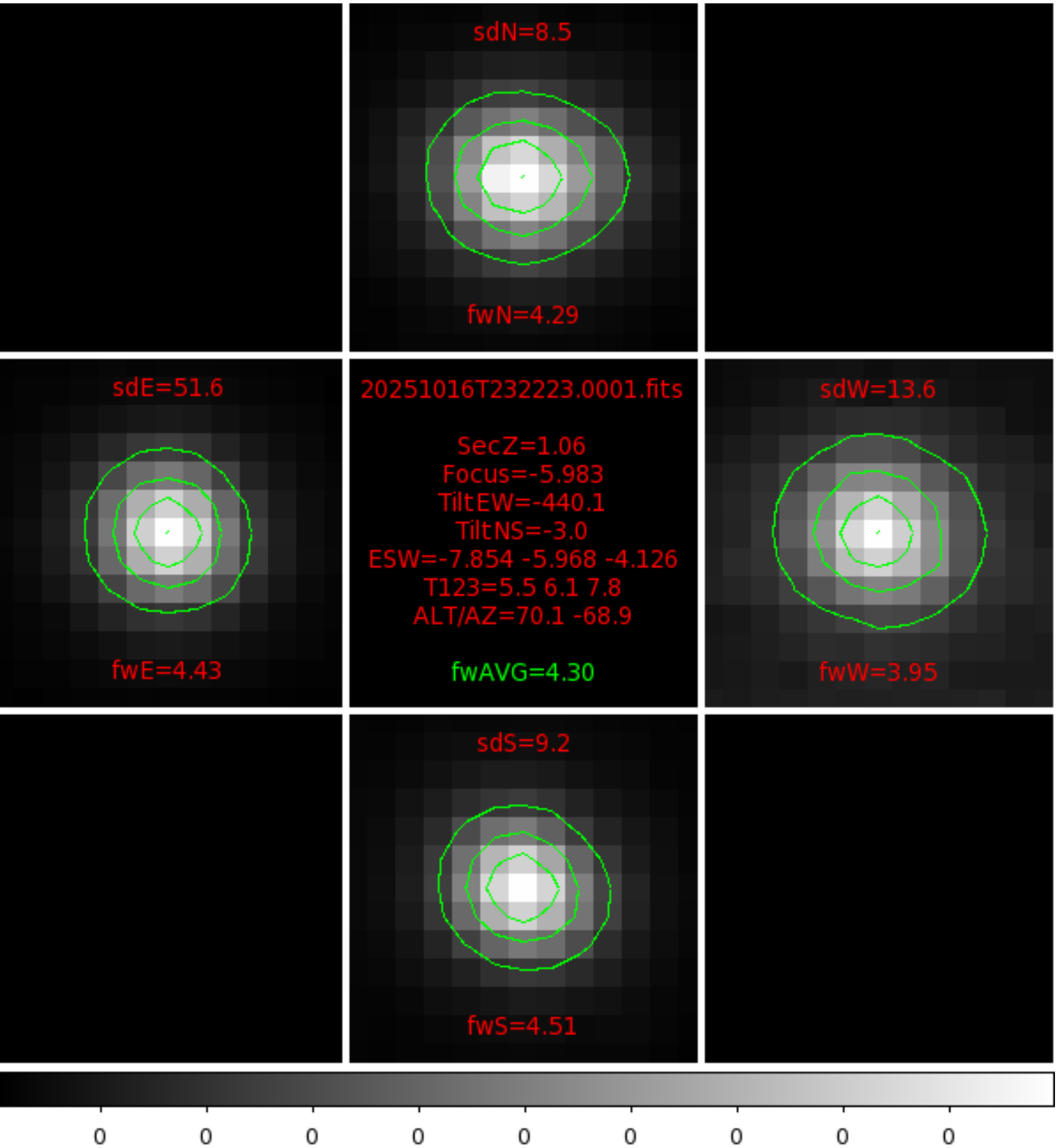

sdN=12.3
fwN=4.57
sdE=127.3
fwE=4.31
20251016T232153.0001.fits
SecZ=1.06
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.5 6.1 7.8
ALT/AZ=70.2 -68.9
fwAVG=4.29
sdW=38.5
fwW=4.20
sdS=12.0
fwS=4.09
0 0 0 0 0 0 0 0 0


sdN=8.5
fwN=4.29
sdE=51.6
fwE=4.43
20251016T232223.0001.fits
SecZ=1.06
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.5 6.1 7.8
ALT/AZ=70.1 -68.9
fwAVG=4.30
sdW=13.6
fwW=3.95
sdS=9.2
fwS=4.51
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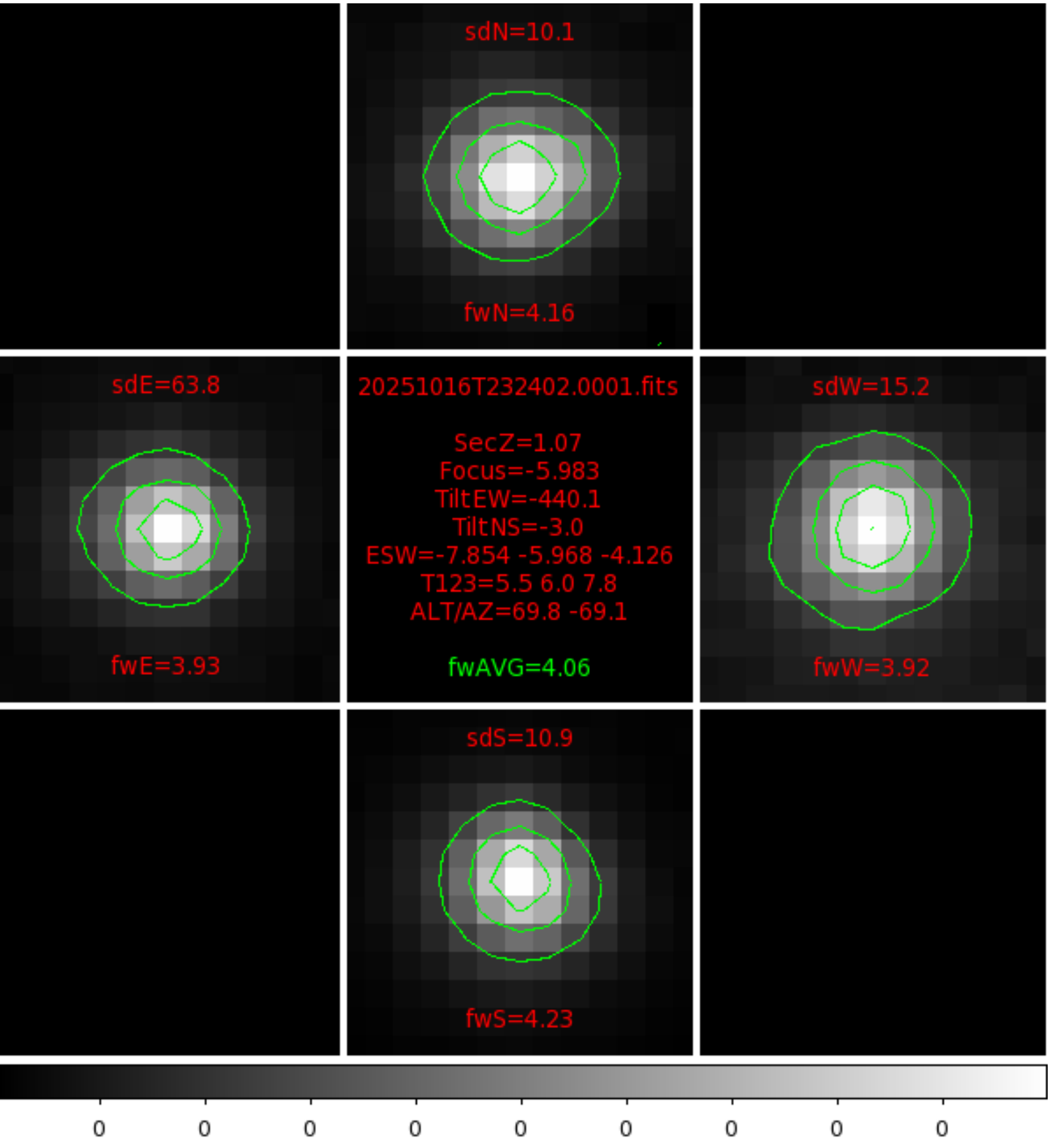
sdN=10.1
fwN=4.16
sdE=63.8
fwE=3.93
20251016T232402.0001.fits
SecZ=1.07
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.5 6.0 7.8
ALT/AZ=69.8 -69.1
fwAVG=4.06
sdW=15.2
fwW=3.92
sdS=10.9
fwS=4.23
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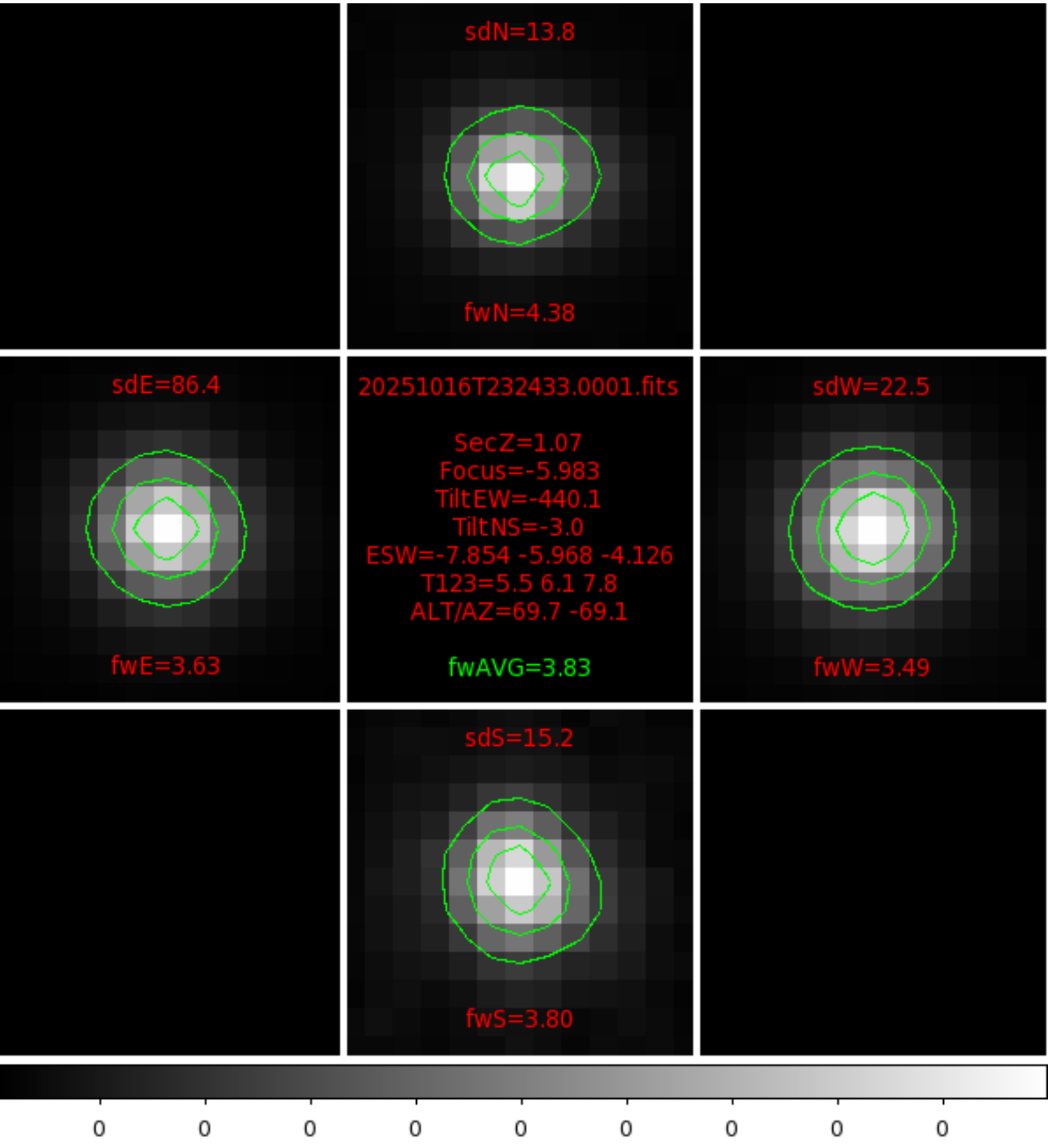
sdN=13.8
fwN=4.38
sdE=86.4
fwE=3.63
20251016T232433.0001.fits
SecZ=1.07
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.5 6.1 7.8
ALT/AZ=69.7 -69.1
fwAVG=3.83
sdW=22.5
fwW=3.49
sdS=15.2
fwS=3.80
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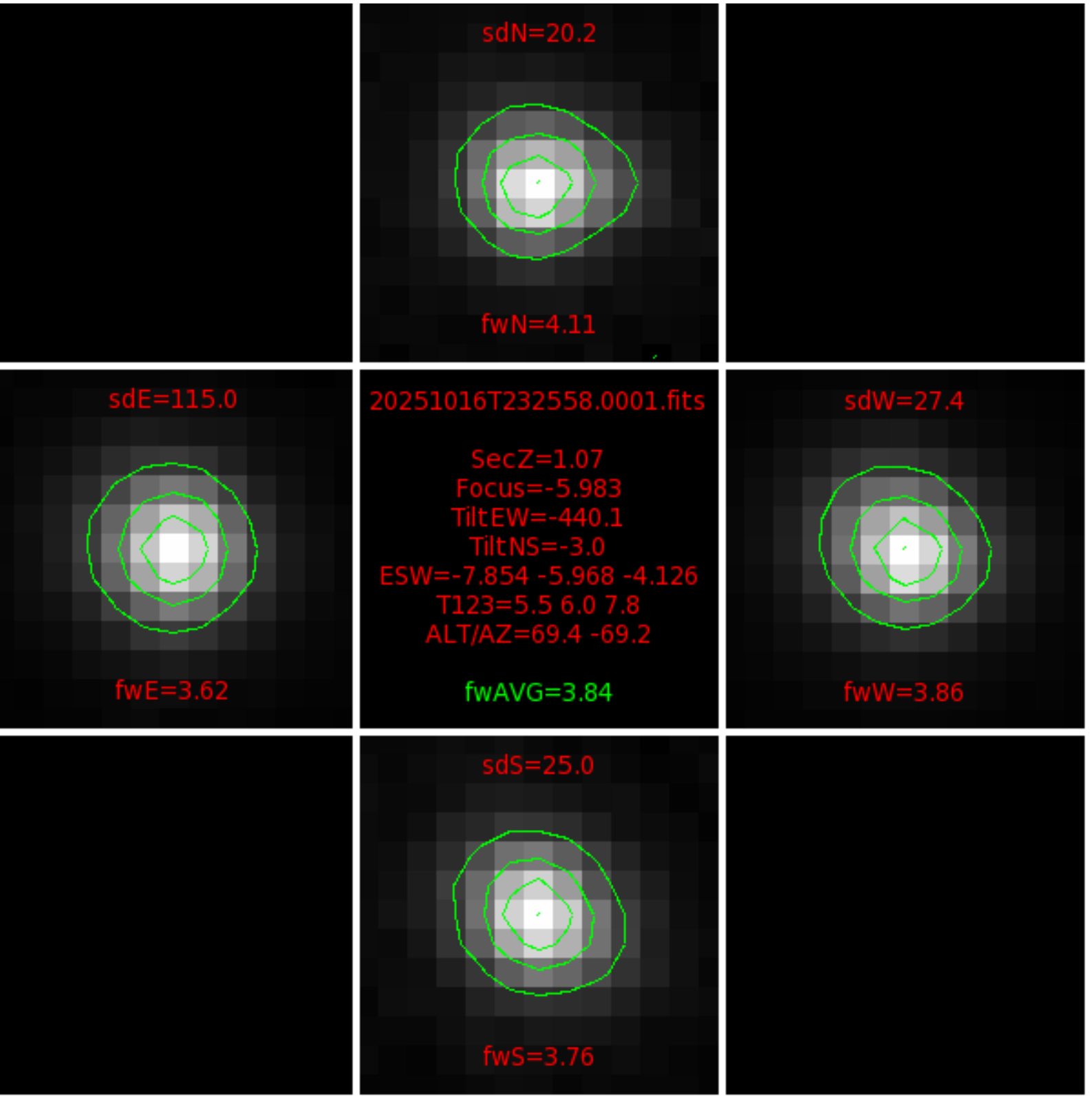
sdN=20.2
fwN=4.11
sdE=115.0
fwE=3.62
20251016T232558.0001.fits
SecZ=1.07
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.5 6.0 7.8
ALT/AZ=69.4 -69.2
fwAVG=3.84
sdW=27.4
fwW=3.86
sdS=25.0
fwS=3.76
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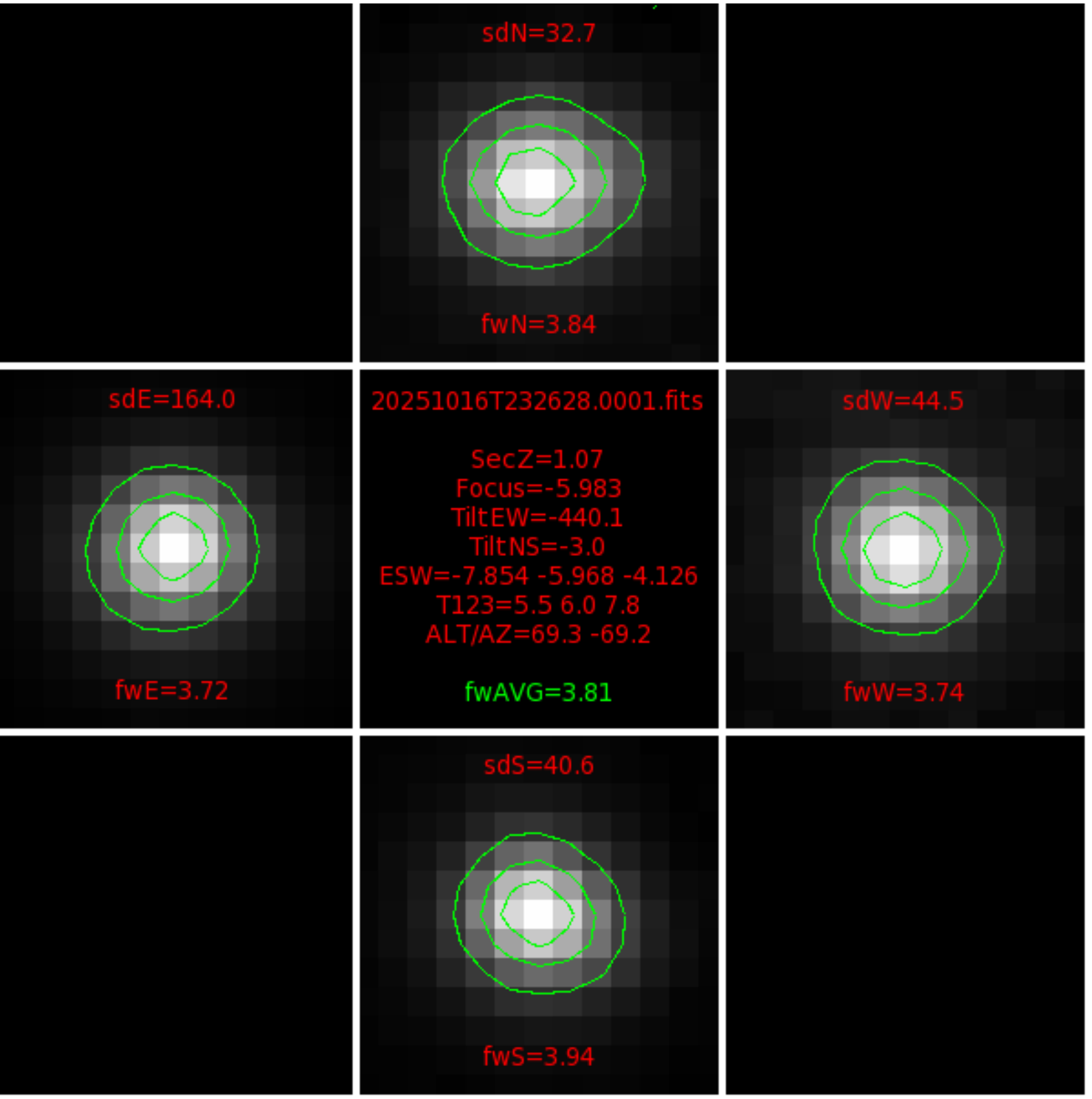
sdN=32.7
fwN=3.84
sdE=164.0
fwE=3.72
20251016T232628.0001.fits
SecZ=1.07
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.5 6.0 7.8
ALT/AZ=69.3 -69.2
fwAVG=3.81
sdW=44.5
fwW=3.74
sdS=40.6
fwS=3.94
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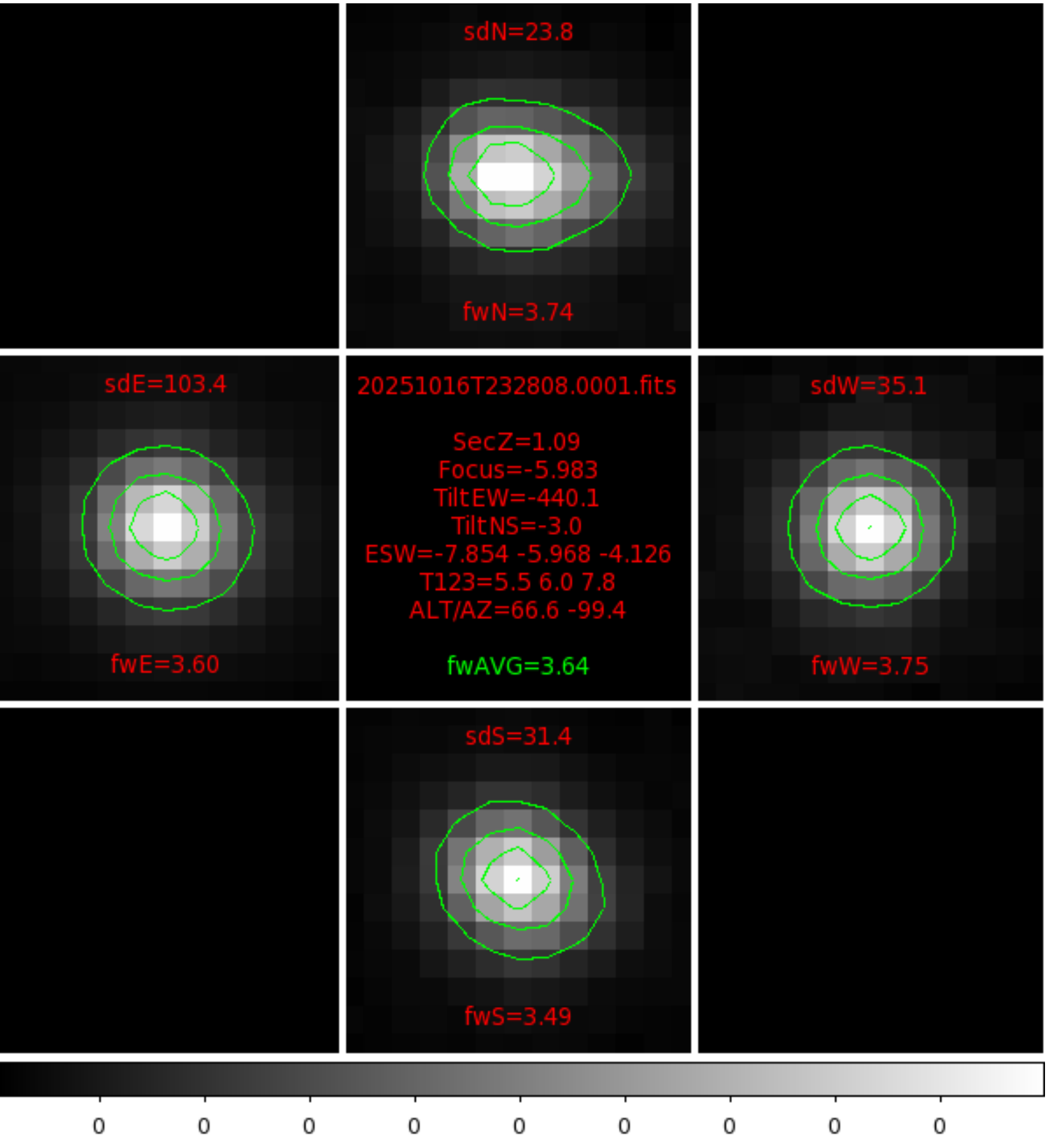
sdN=23.8
fwN=3.74
sdE=103.4
fwE=3.60
20251016T232808.0001.fits
SecZ=1.09
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.5 6.0 7.8
ALT/AZ=66.6 -99.4
fwAVG=3.64
sdW=35.1
fwW=3.75
sdS=31.4
fwS=3.49
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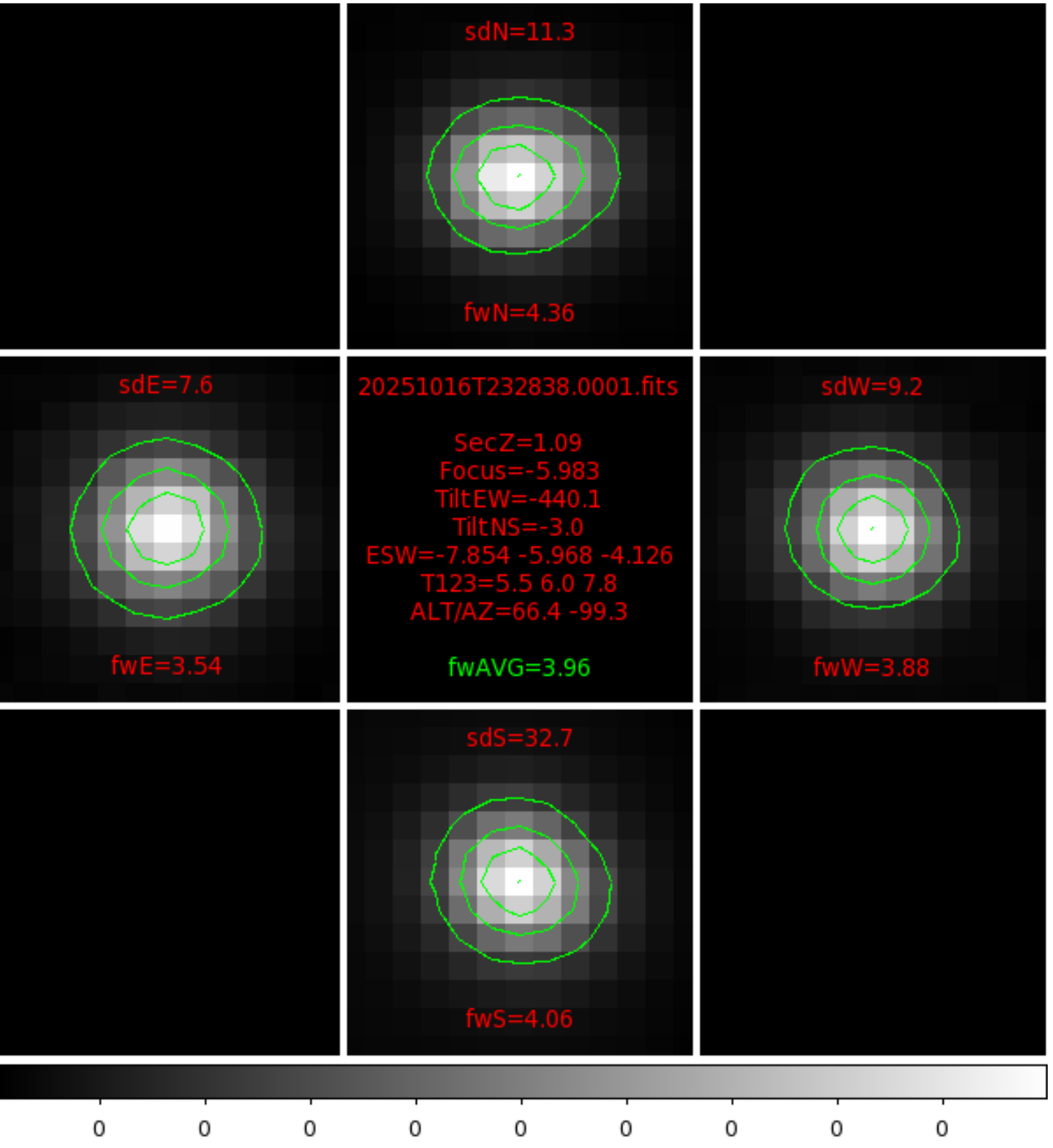
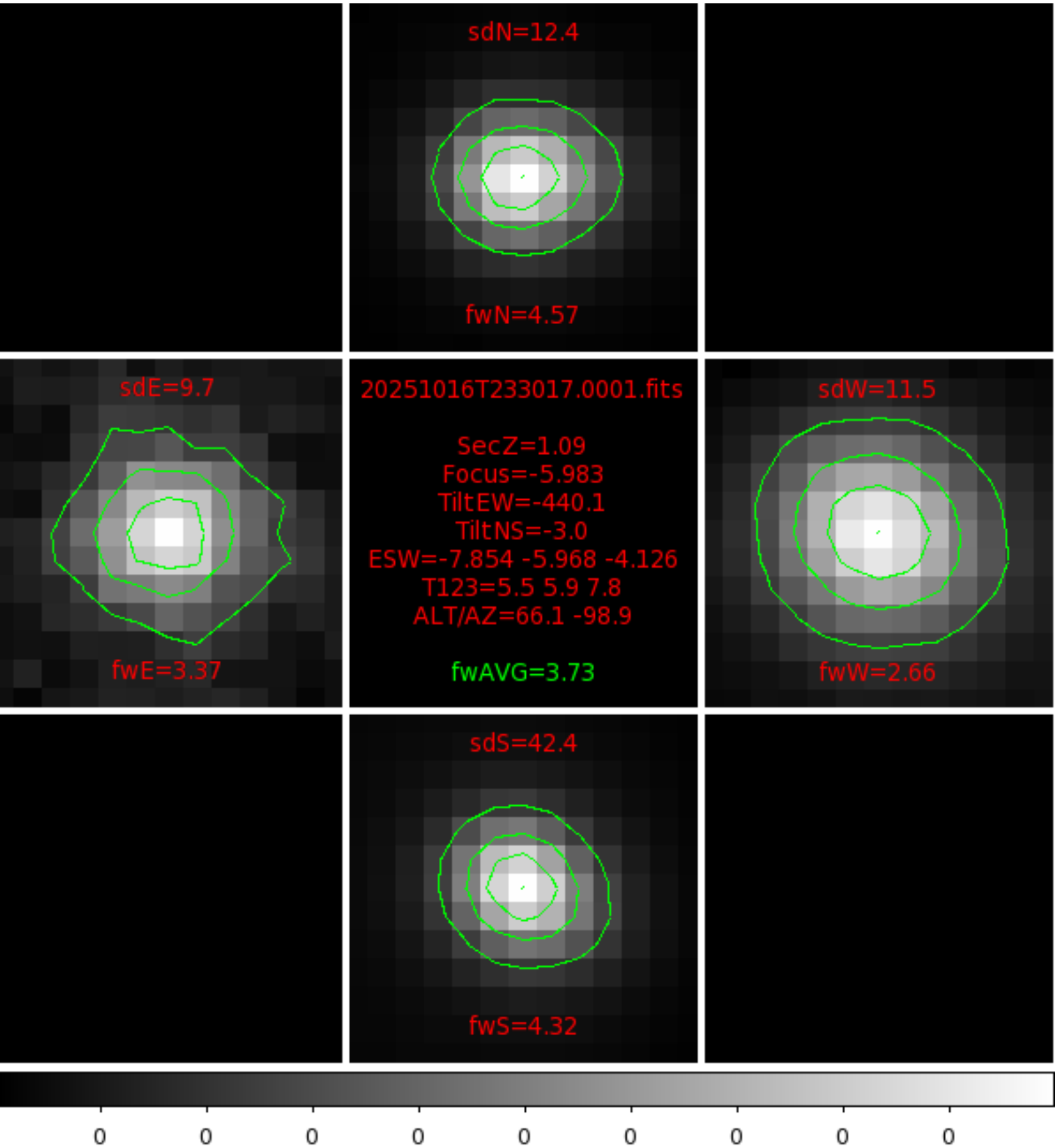

sdN=11.3
fwN=4.36
sdE=7.6
fwE=3.54
20251016T232838.0001.fits
SecZ=1.09
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.5 6.0 7.8
ALT/AZ=66.4 -99.3
fwAVG=3.96
sdW=9.2
fwW=3.88
sdS=32.7
fwS=4.06
0 0 0 0 0 0 0 0 0


sdN=12.4
fwN=4.57
sdE=9.7
fwE=3.37
20251016T233017.0001.fits
SecZ=1.09
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.5 5.9 7.8
ALT/AZ=66.1 -98.9
fwAVG=3.73
sdW=11.5
fwW=2.66
sdS=42.4
fwS=4.32
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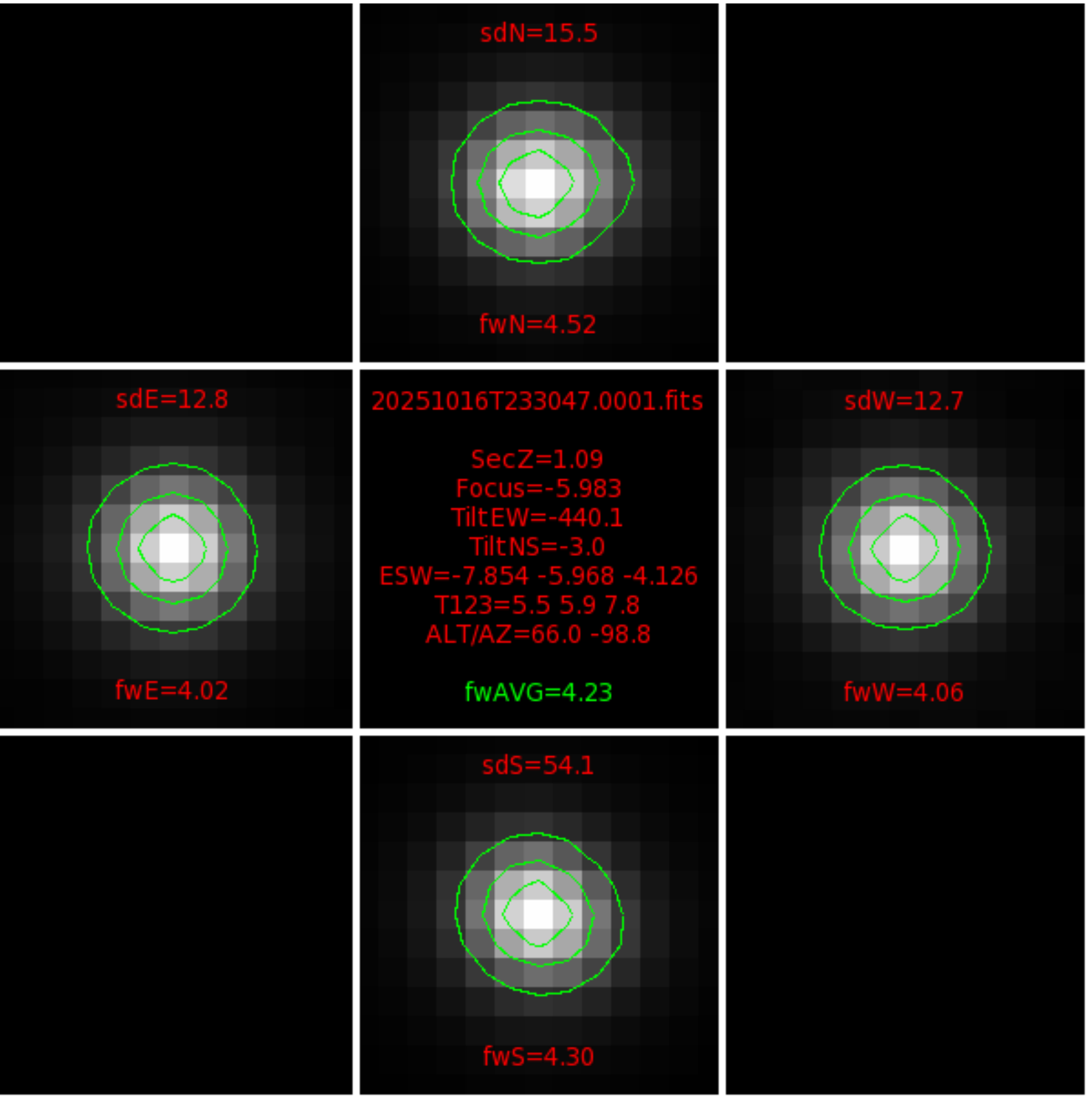
sdN=15.5
fwN=4.52
sdE=12.8
fwE=4.02
20251016T233047.0001.fits
SecZ=1.09
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.5 5.9 7.8
ALT/AZ=66.0 -98.8
fwAVG=4.23
sdW=12.7
fwW=4.06
sdS=54.1
fwS=4.30
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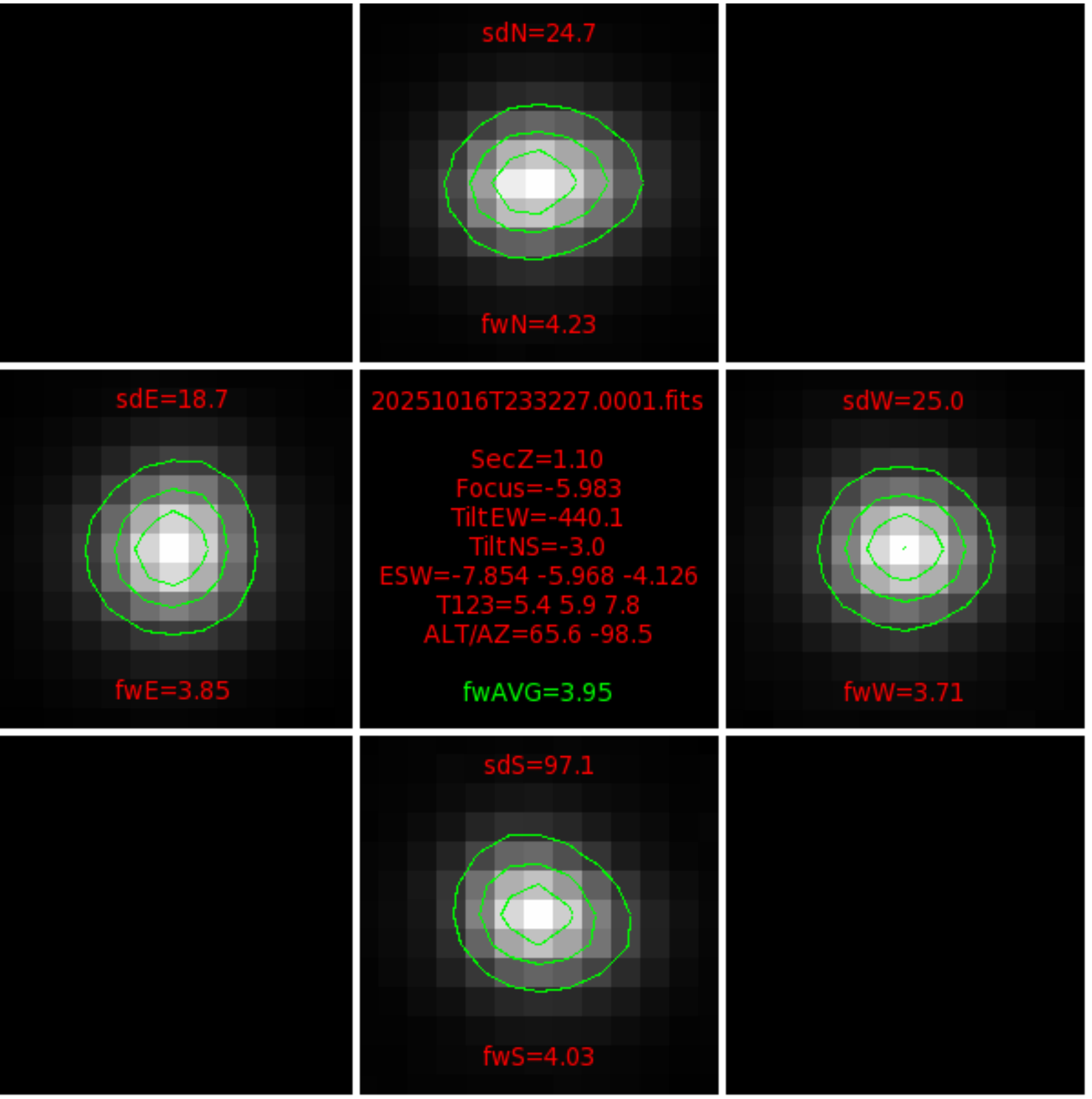
sdN=24.7
fwN=4.23
sdE=18.7
fwE=3.85
20251016T233227.0001.fits
SecZ=1.10
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.4 5.9 7.8
ALT/AZ=65.6 -98.5
fwAVG=3.95
sdW=25.0
fwW=3.71
sdS=97.1
fwS=4.03
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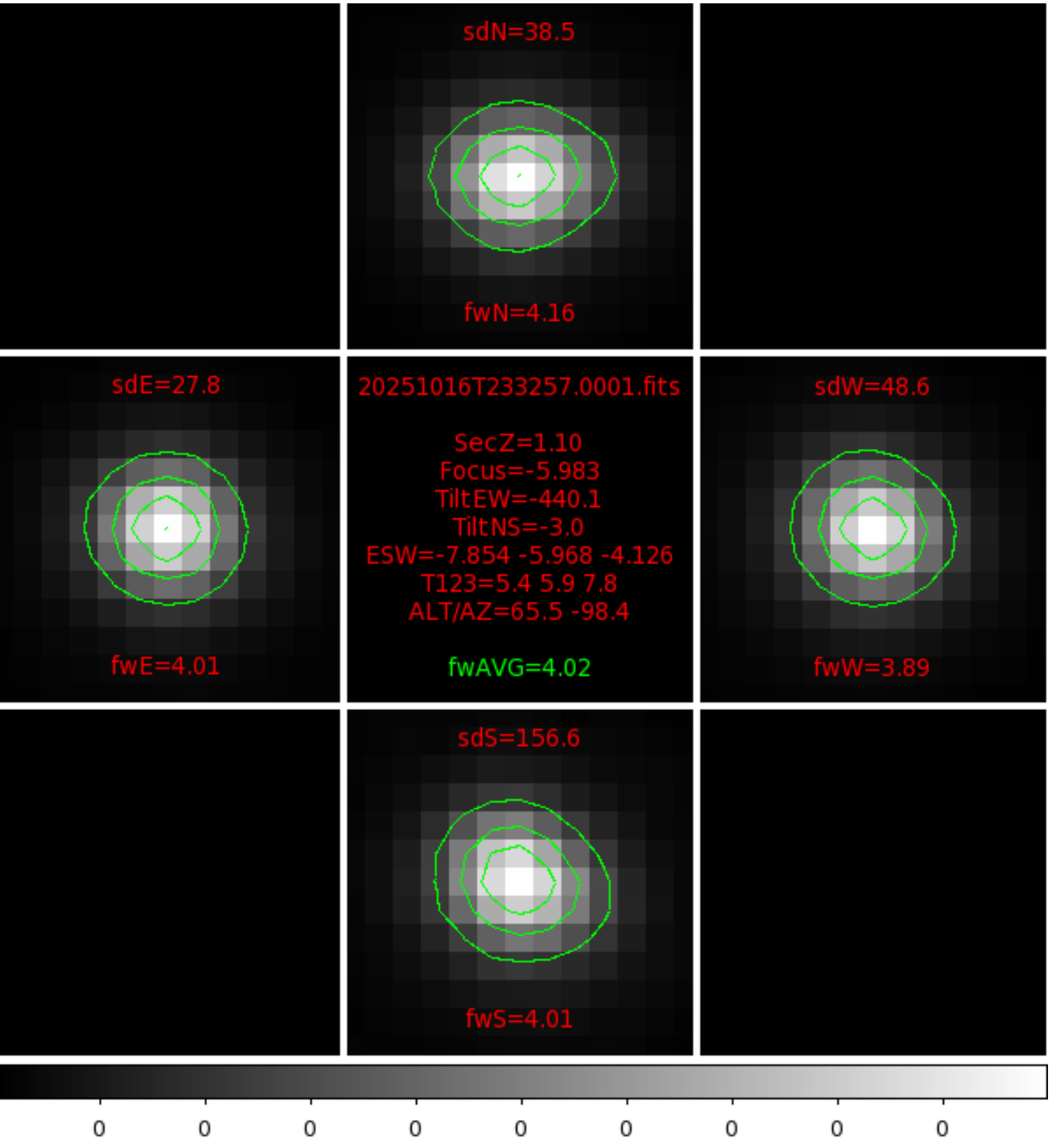
sdN=38.5
fwN=4.16
sdE=27.8
fwE=4.01
20251016T233257.0001.fits
SecZ=1.10
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.4 5.9 7.8
ALT/AZ=65.5 -98.4
fwAVG=4.02
sdW=48.6
fwW=3.89
sdS=156.6
fwS=4.01
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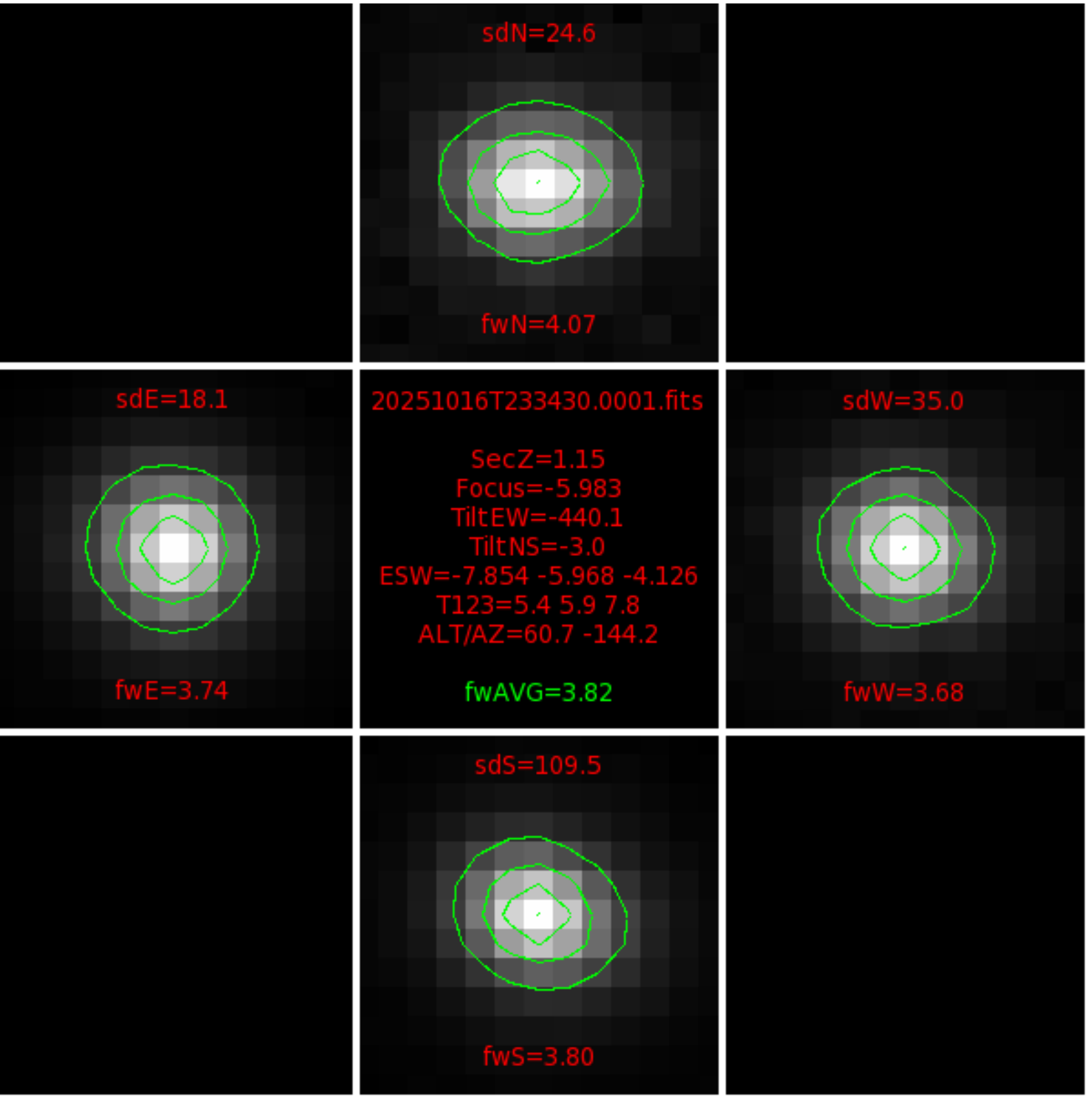
sdN=24.6
fwN=4.07
sdE=18.1
fwE=3.74
20251016T233430.0001.fits
SecZ=1.15
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.4 5.9 7.8
ALT/AZ=60.7 -144.2
fwAVG=3.82
sdW=35.0
fwW=3.68
sdS=109.5
fwS=3.80
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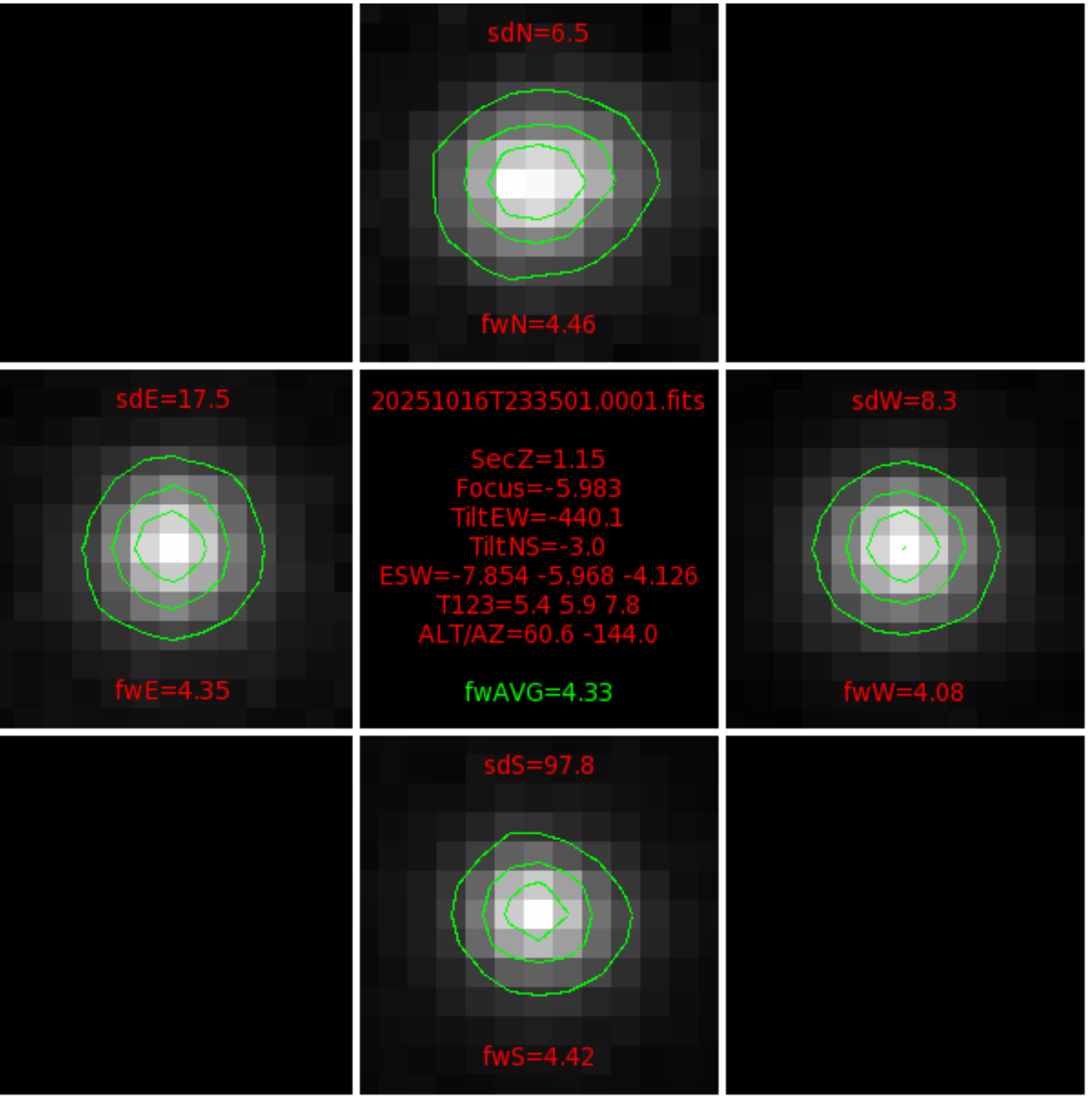
sdN=6.5
fwN=4.46
sdE=17.5
fwE=4.35
20251016T233501.0001.fits
SecZ=1.15
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.4 5.9 7.8
ALT/AZ=60.6 -144.0
fwAVG=4.33
sdW=8.3
fwW=4.08
sdS=97.8
fwS=4.42
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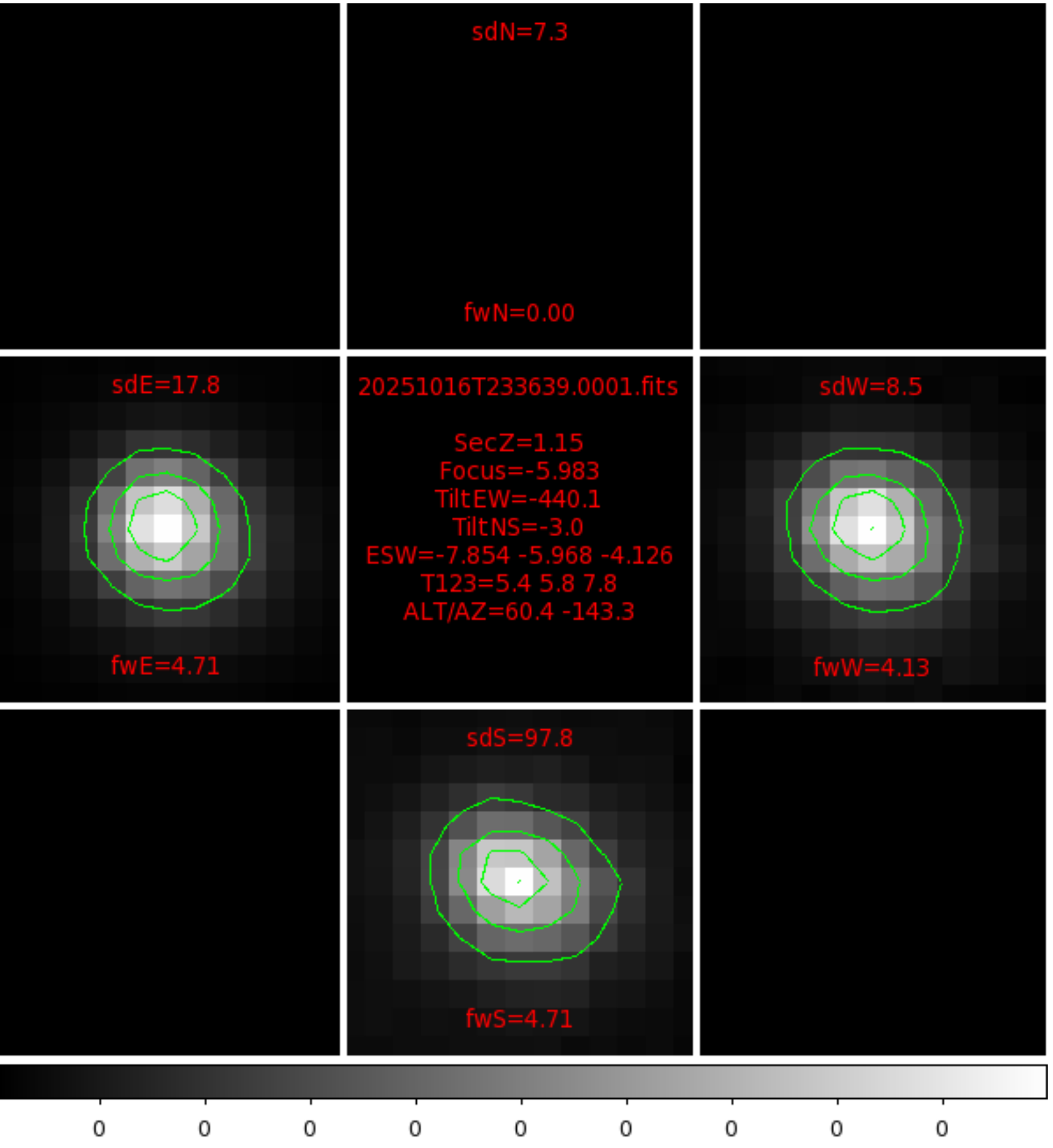
sdN=7.3
fwN=0.00
sdE=17.8
fwE=4.71
20251016T233639.0001.fits
SecZ=1.15
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.4 5.8 7.8
ALT/AZ=60.4 -143.3
sdW=8.5
fwW=4.13
sdS=97.8
fwS=4.71
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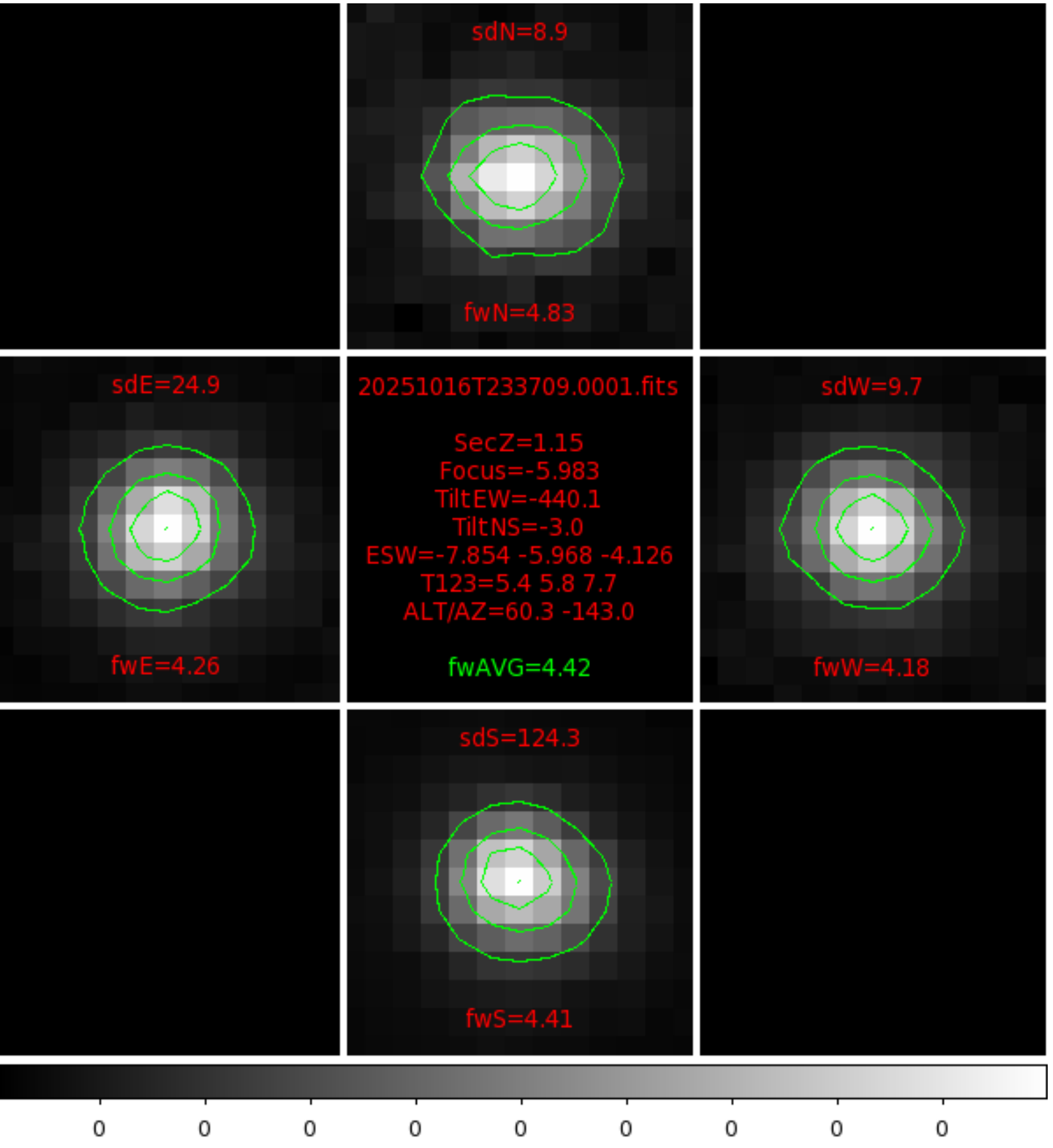
sdN=8.9
fwN=4.83
sdE=24.9
fwE=4.26
20251016T233709.0001.fits
SecZ=1.15
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.4 5.8 7.7
ALT/AZ=60.3 -143.0
fwAVG=4.42
sdW=9.7
fwW=4.18
sdS=124.3
fwS=4.41
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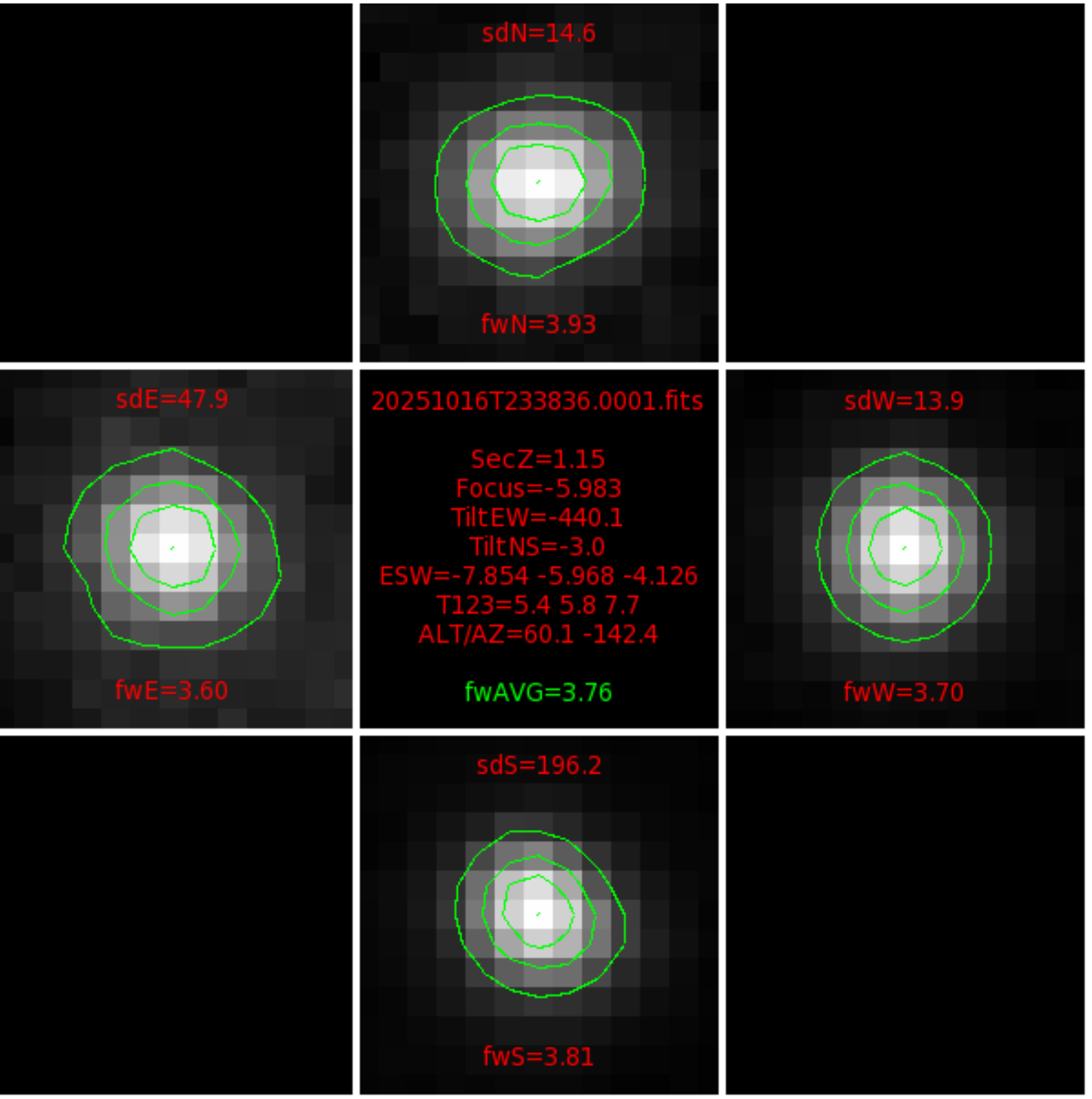
sdN=14.6
fwN=3.93
sdE=47.9
fwE=3.60
20251016T233836.0001.fits
SecZ=1.15
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.4 5.8 7.7
ALT/AZ=60.1 -142.4
fwAVG=3.76
sdW=13.9
fwW=3.70
sdS=196.2
fwS=3.81
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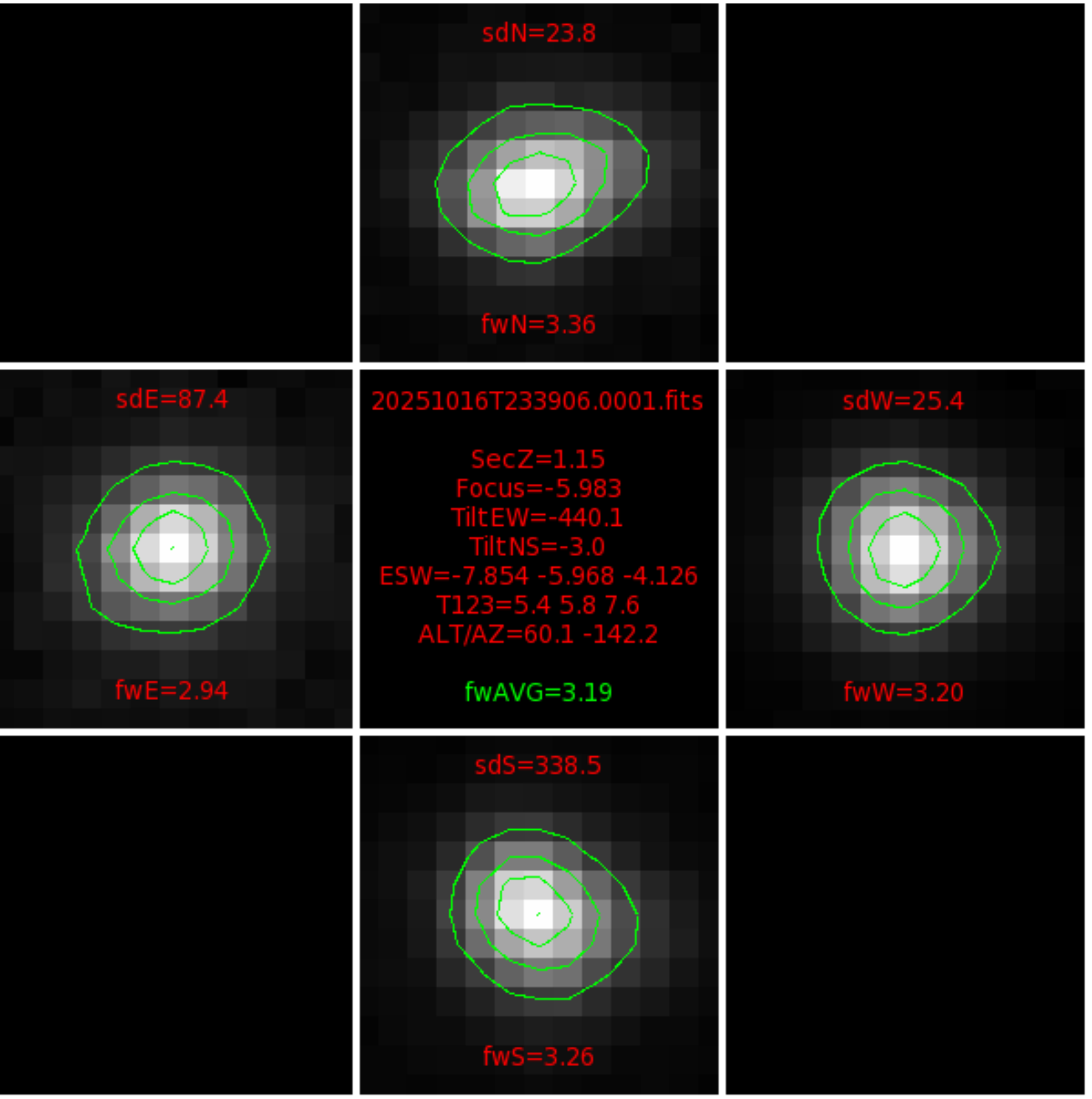
sdN=23.8
fwN=3.36
sdE=87.4
fwE=2.94
20251016T233906.0001.fits
SecZ=1.15
Focus=-5.983
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.854 -5.968 -4.126
T123=5.4 5.8 7.6
ALT/AZ=60.1 -142.2
fwAVG=3.19
sdW=25.4
fwW=3.20
sdS=338.5
fwS=3.26
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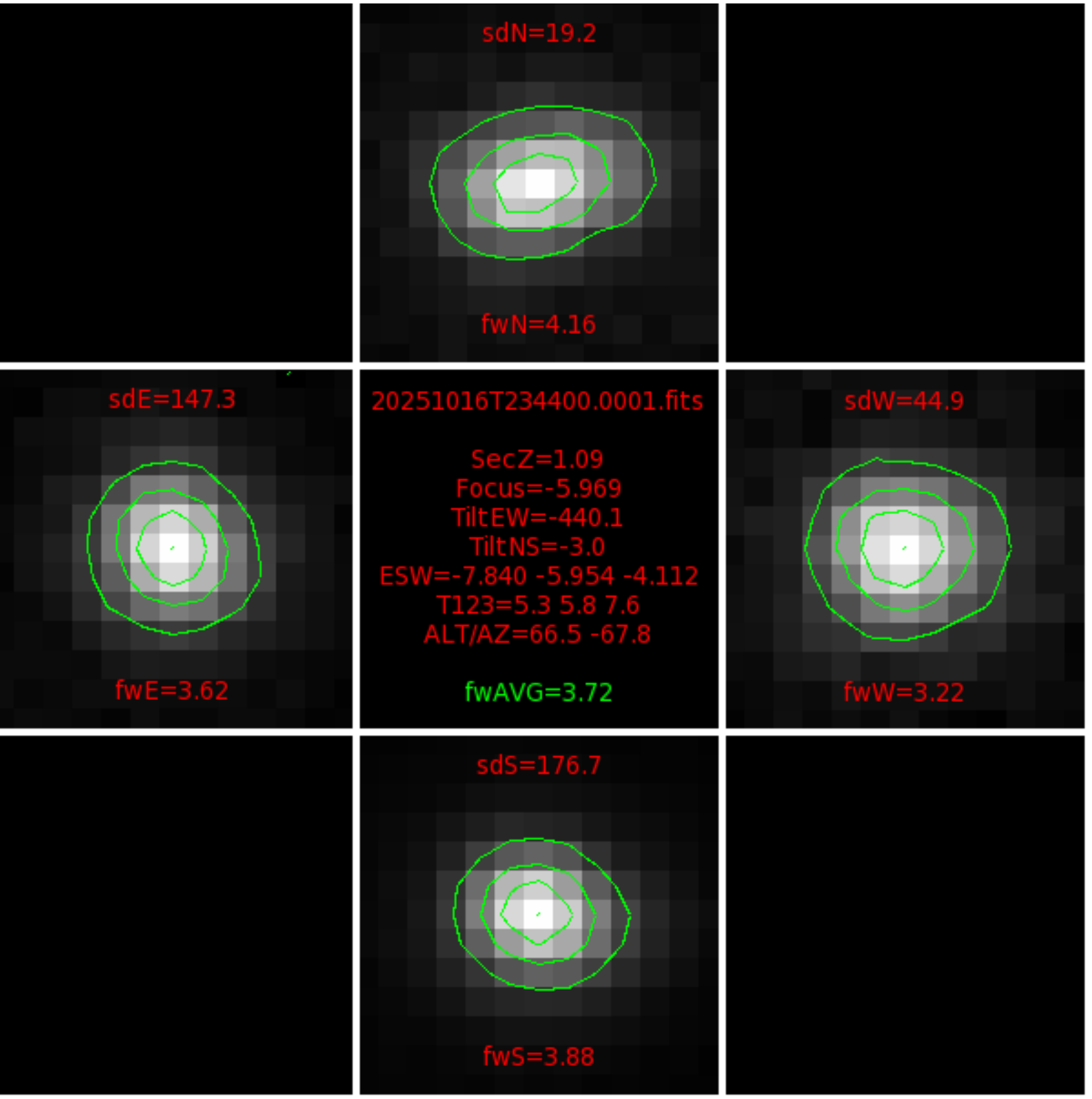
sdN=19.2
fwN=4.16
sdE=147.3
fwE=3.62
20251016T234400.0001.fits
SecZ=1.09
Focus=-5.969
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.840 -5.954 -4.112
T123=5.3 5.8 7.6
ALT/AZ=66.5 -67.8
fwAVG=3.72
sdW=44.9
fwW=3.22
sdS=176.7
fwS=3.88
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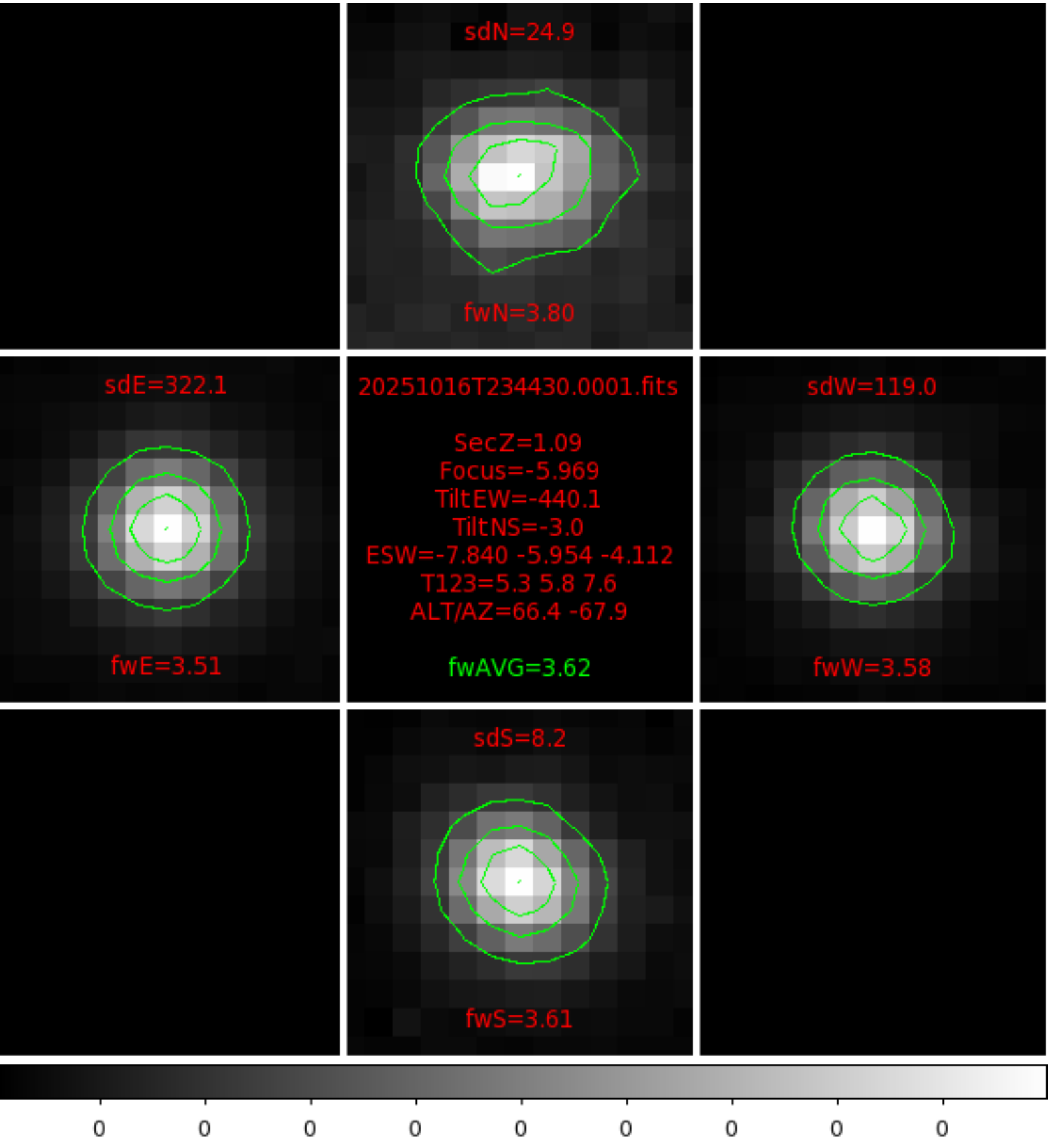
sdN=24.9
fwN=3.80
sdE=322.1
fwE=3.51
20251016T234430.0001.fits
SecZ=1.09
Focus=-5.969
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.840 -5.954 -4.112
T123=5.3 5.8 7.6
ALT/AZ=66.4 -67.9
fwAVG=3.62
sdW=119.0
fwW=3.58
sdS=8.2
fwS=3.61
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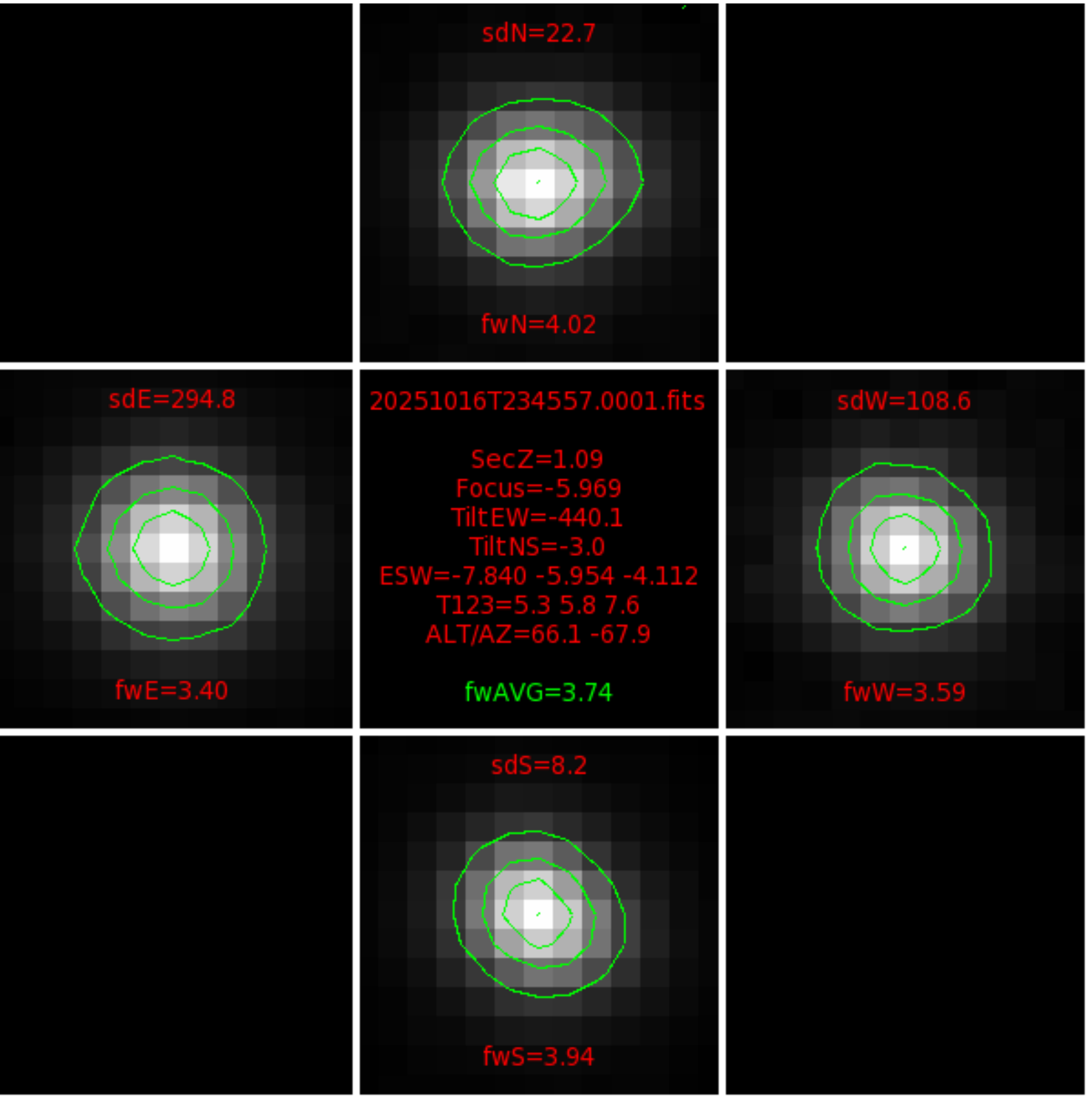
sdN=22.7
fwN=4.02
sdE=294.8
fwE=3.40
20251016T234557.0001.fits
SecZ=1.09
Focus=-5.969
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.840 -5.954 -4.112
T123=5.3 5.8 7.6
ALT/AZ=66.1 -67.9
fwAVG=3.74
sdW=108.6
fwW=3.59
sdS=8.2
fwS=3.94
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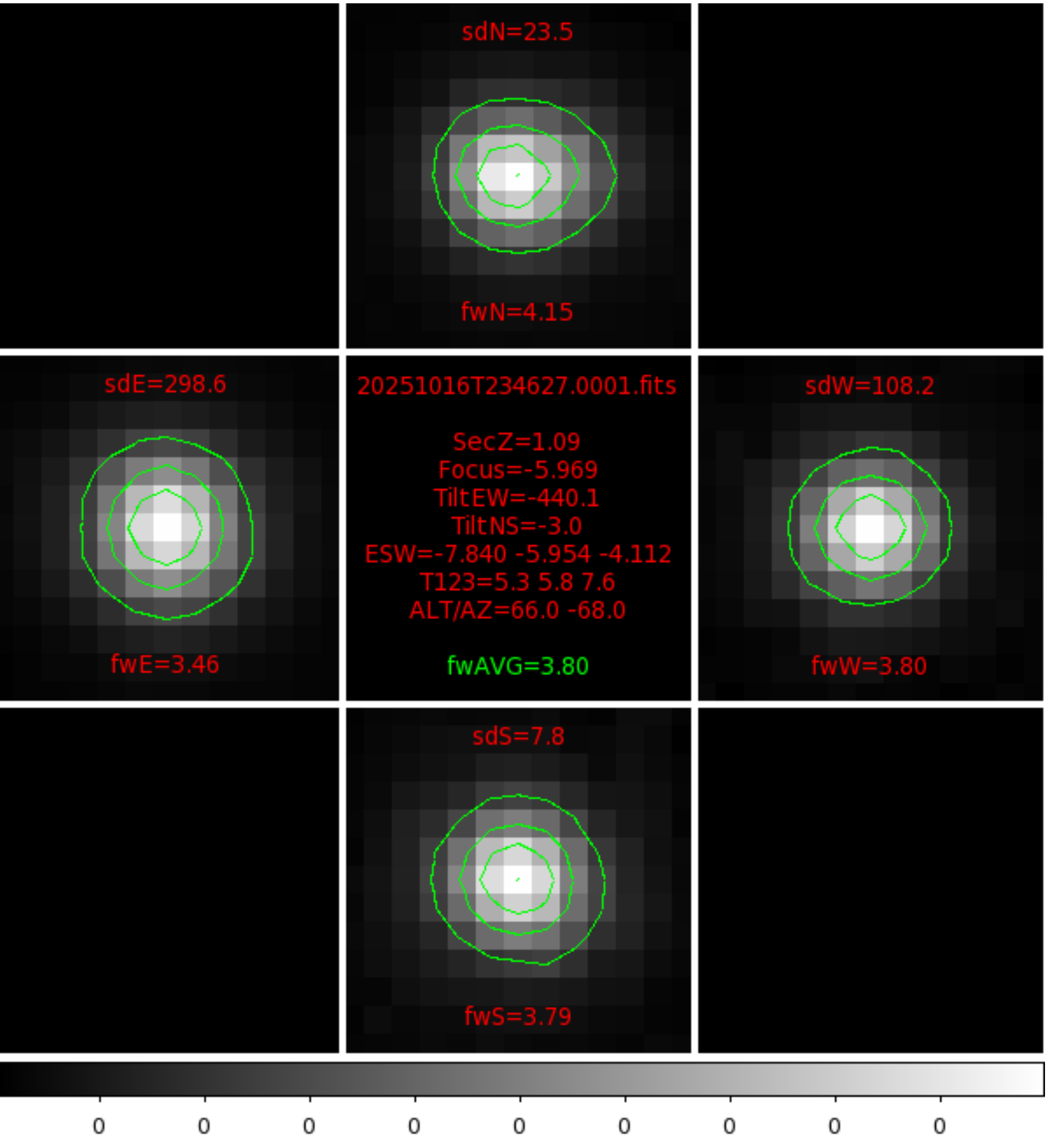
sdN=23.5
fwN=4.15
sdE=298.6
fwE=3.46
20251016T234627.0001.fits
SecZ=1.09
Focus=-5.969
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.840 -5.954 -4.112
T123=5.3 5.8 7.6
ALT/AZ=66.0 -68.0
fwAVG=3.80
sdW=108.2
fwW=3.80
sdS=7.8
fwS=3.79
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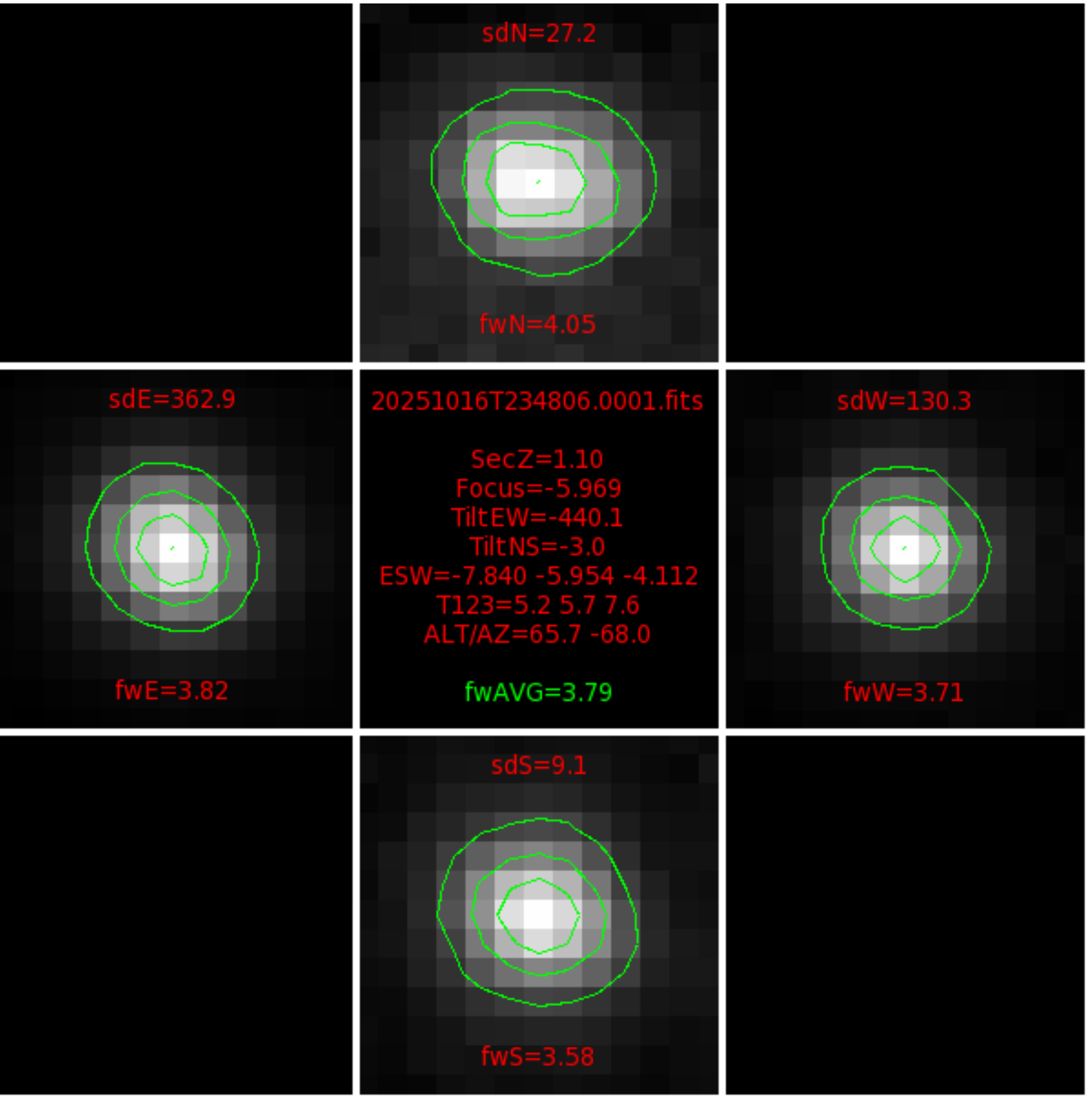
sdN=27.2
fwN=4.05
sdE=362.9
fwE=3.82
20251016T234806.0001.fits
SecZ=1.10
Focus=-5.969
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.840 -5.954 -4.112
T123=5.2 5.7 7.6
ALT/AZ=65.7 -68.0
fwAVG=3.79
sdW=130.3
fwW=3.71
sdS=9.1
fwS=3.58
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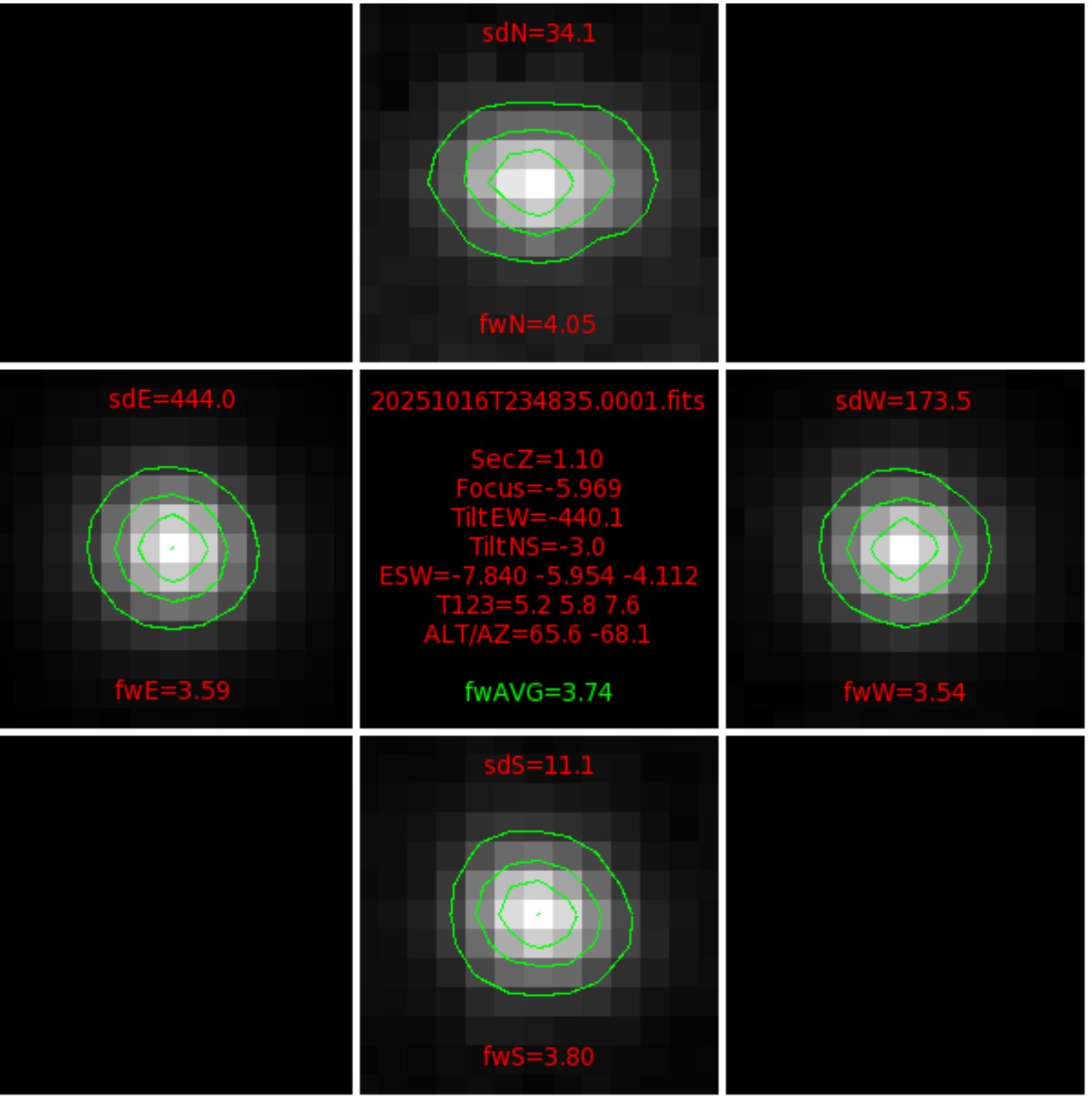
sdN=34.1
fwN=4.05
sdE=444.0
fwE=3.59
20251016T234835.0001.fits
SecZ=1.10
Focus=-5.969
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.840 -5.954 -4.112
T123=5.2 5.8 7.6
ALT/AZ=65.6 -68.1
fwAVG=3.74
sdW=173.5
fwW=3.54
sdS=11.1
fwS=3.80
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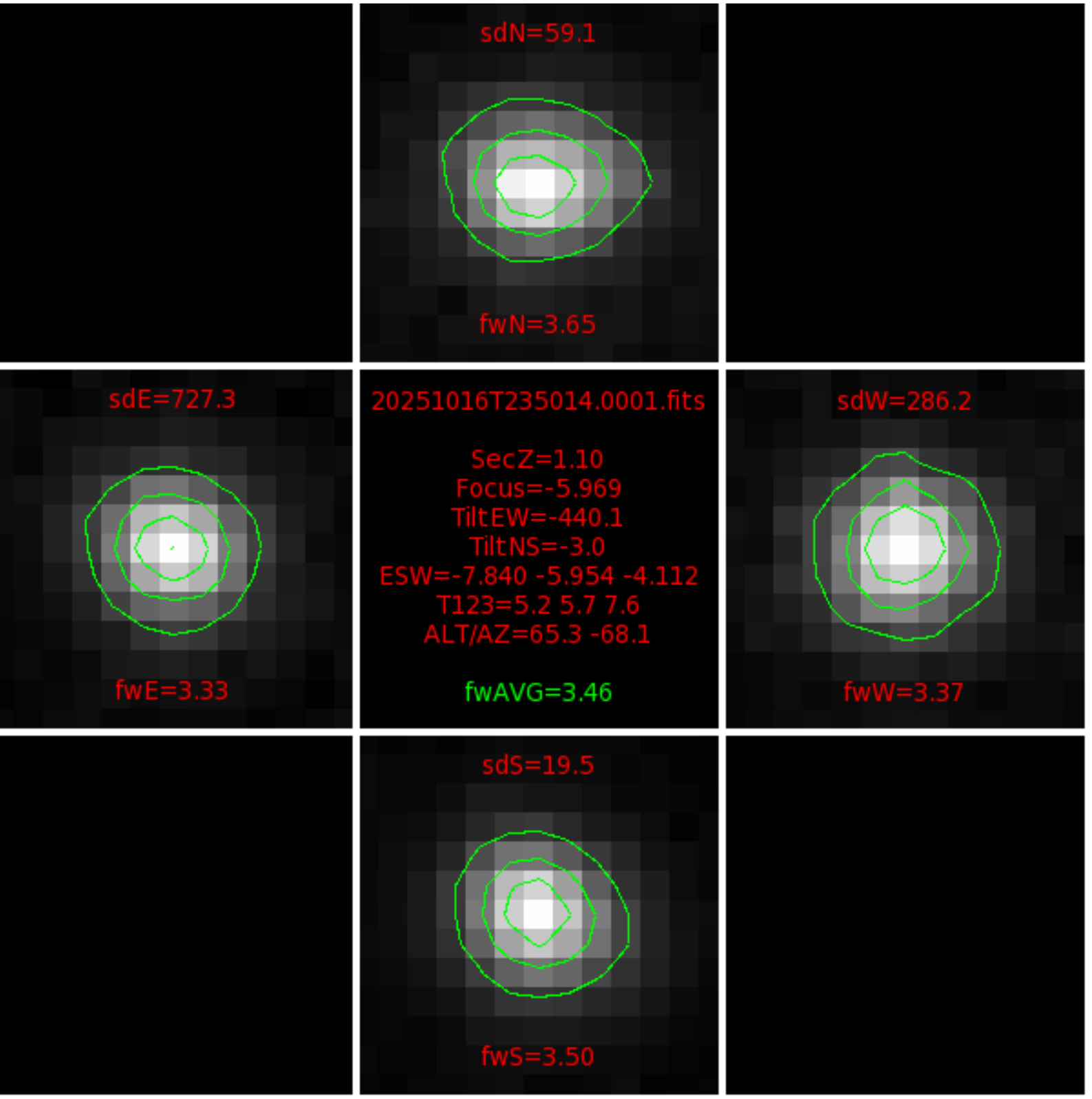
sdN=59.1
fwN=3.65
sdE=727.3
fwE=3.33
20251016T235014.0001.fits
SecZ=1.10
Focus=-5.969
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.840 -5.954 -4.112
T123=5.2 5.7 7.6
ALT/AZ=65.3 -68.1
fwAVG=3.46
sdW=286.2
fwW=3.37
sdS=19.5
fwS=3.50
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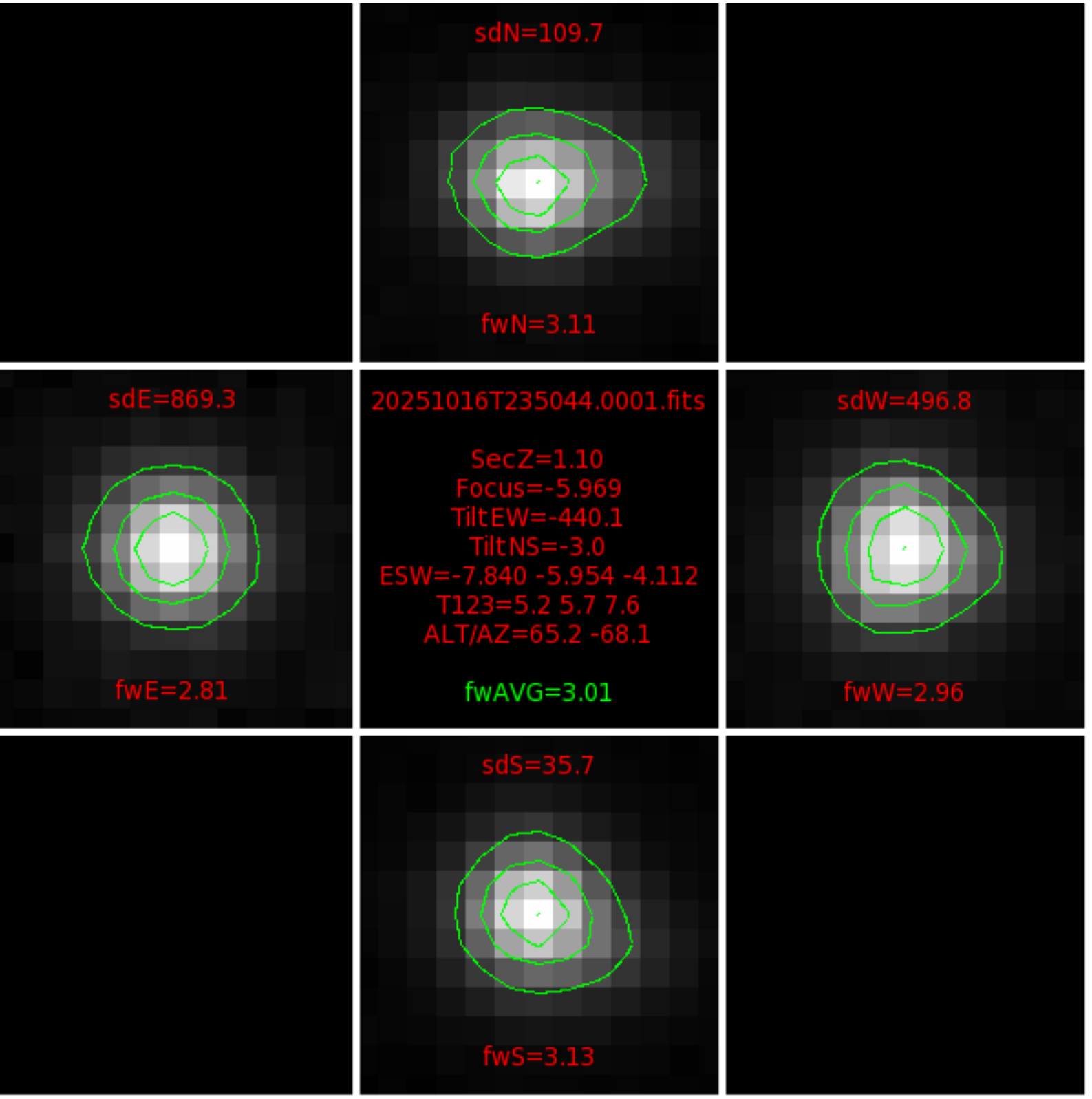
sdN=109.7
fwN=3.11
sdE=869.3
fwE=2.81
20251016T235044.0001.fits
SecZ=1.10
Focus=-5.969
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.840 -5.954 -4.112
T123=5.2 5.7 7.6
ALT/AZ=65.2 -68.1
fwAVG=3.01
sdW=496.8
fwW=2.96
sdS=35.7
fwS=3.13
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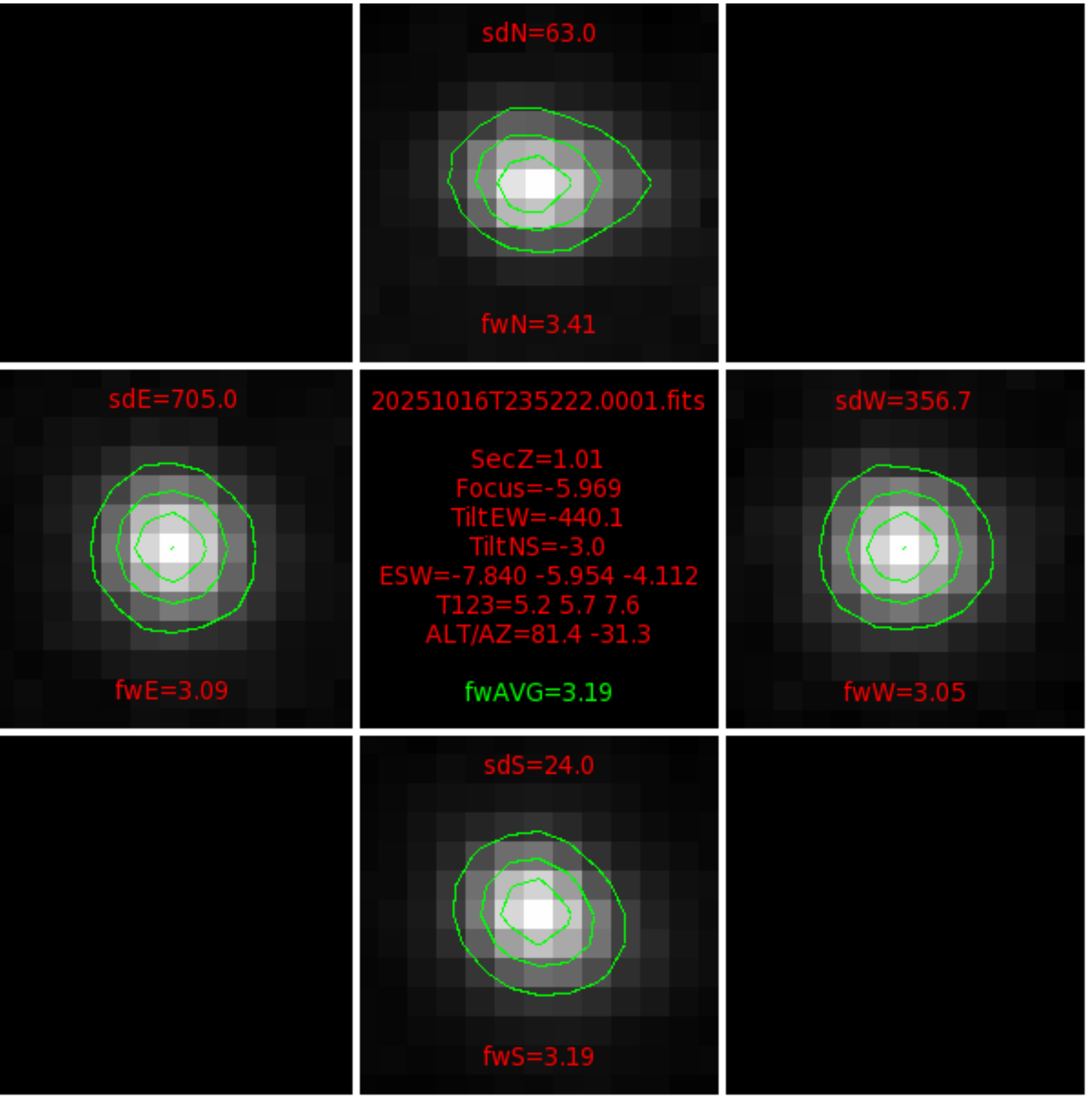
sdN=63.0
fwN=3.41
sdE=705.0
fwE=3.09
20251016T235222.0001.fits
SecZ=1.01
Focus=-5.969
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.840 -5.954 -4.112
T123=5.2 5.7 7.6
ALT/AZ=81.4 -31.3
fwAVG=3.19
sdW=356.7
fwW=3.05
sdS=24.0
fwS=3.19
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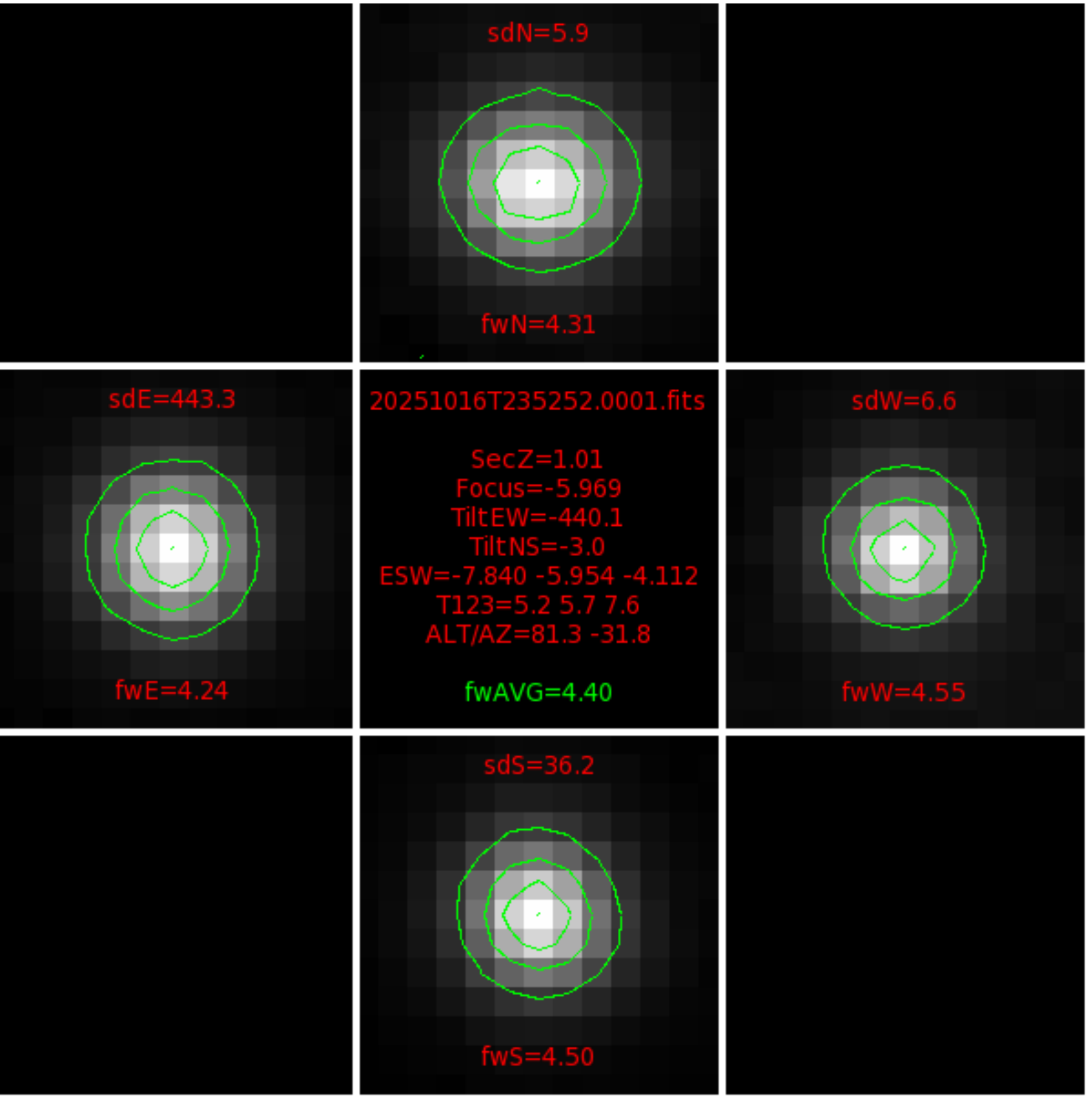
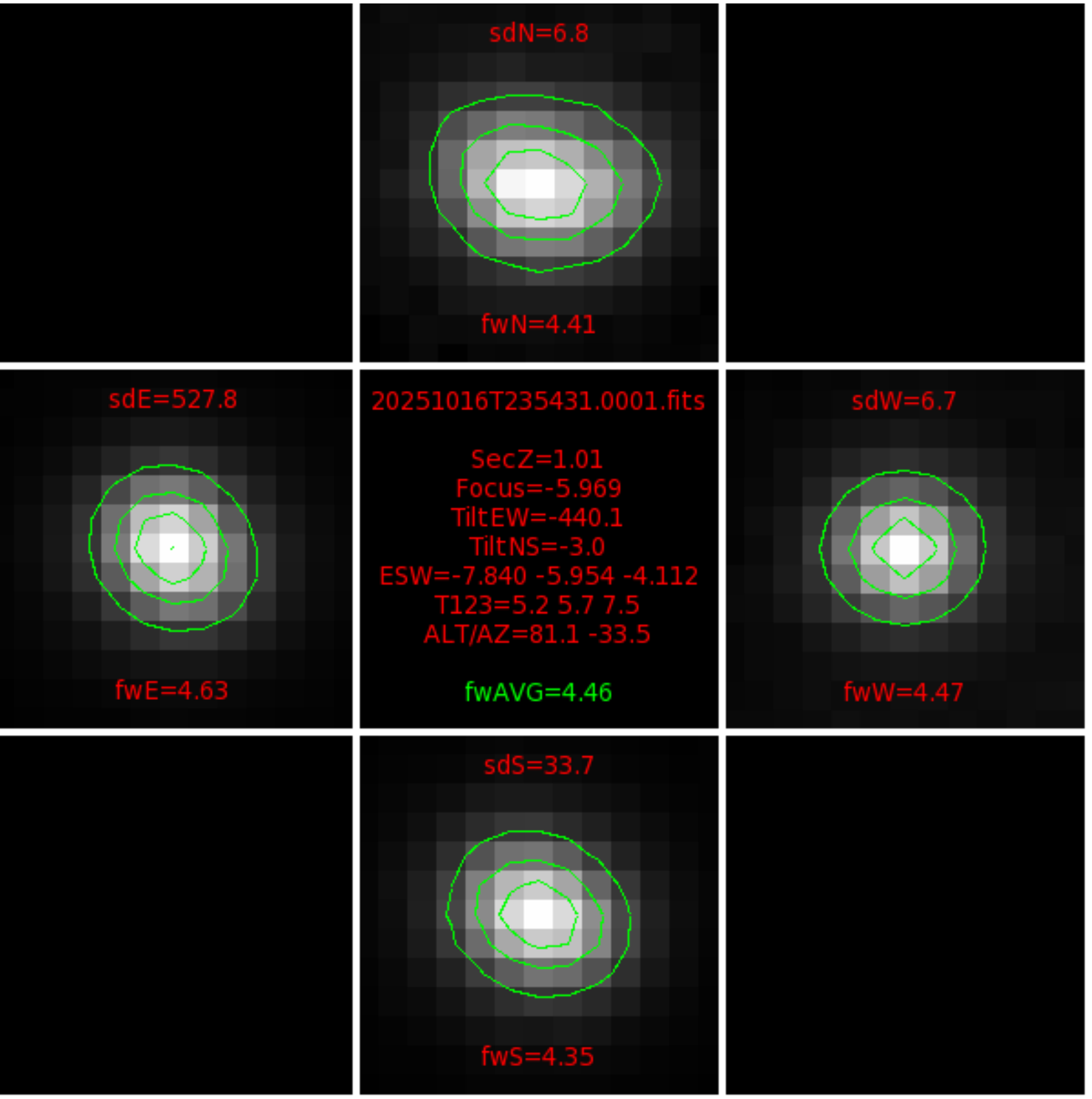

sdN=5.9
fwN=4.31
sdE=443.3
fwE=4.24
20251016T235252.0001.fits
SecZ=1.01
Focus=-5.969
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.840 -5.954 -4.112
T123=5.2 5.7 7.6
ALT/AZ=81.3 -31.8
fwAVG=4.40
sdW=6.6
fwW=4.55
sdS=36.2
fwS=4.50
0 0 0 0 0 0 0 0 0


sdN=6.8
fwN=4.41
sdE=527.8
fwE=4.63
20251016T235431.0001.fits
SecZ=1.01
Focus=-5.969
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.840 -5.954 -4.112
T123=5.2 5.7 7.5
ALT/AZ=81.1 -33.5
fwAVG=4.46
sdW=6.7
fwW=4.47
sdS=33.7
fwS=4.35
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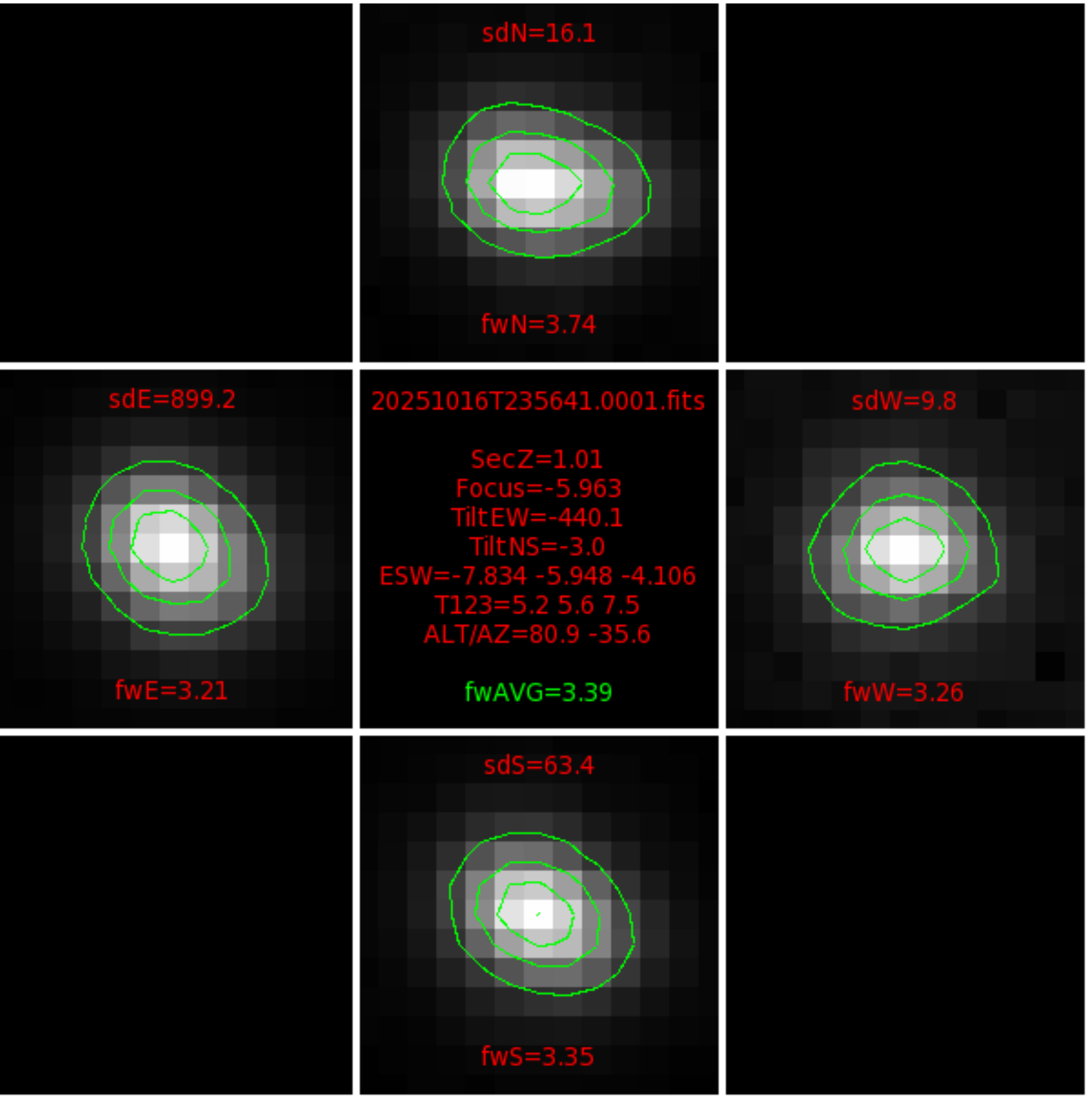
sdN=16.1
fwN=3.74
sdE=899.2
fwE=3.21
20251016T235641.0001.fits
SecZ=1.01
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.2 5.6 7.5
ALT/AZ=80.9 -35.6
fwAVG=3.39
sdW=9.8
fwW=3.26
sdS=63.4
fwS=3.35
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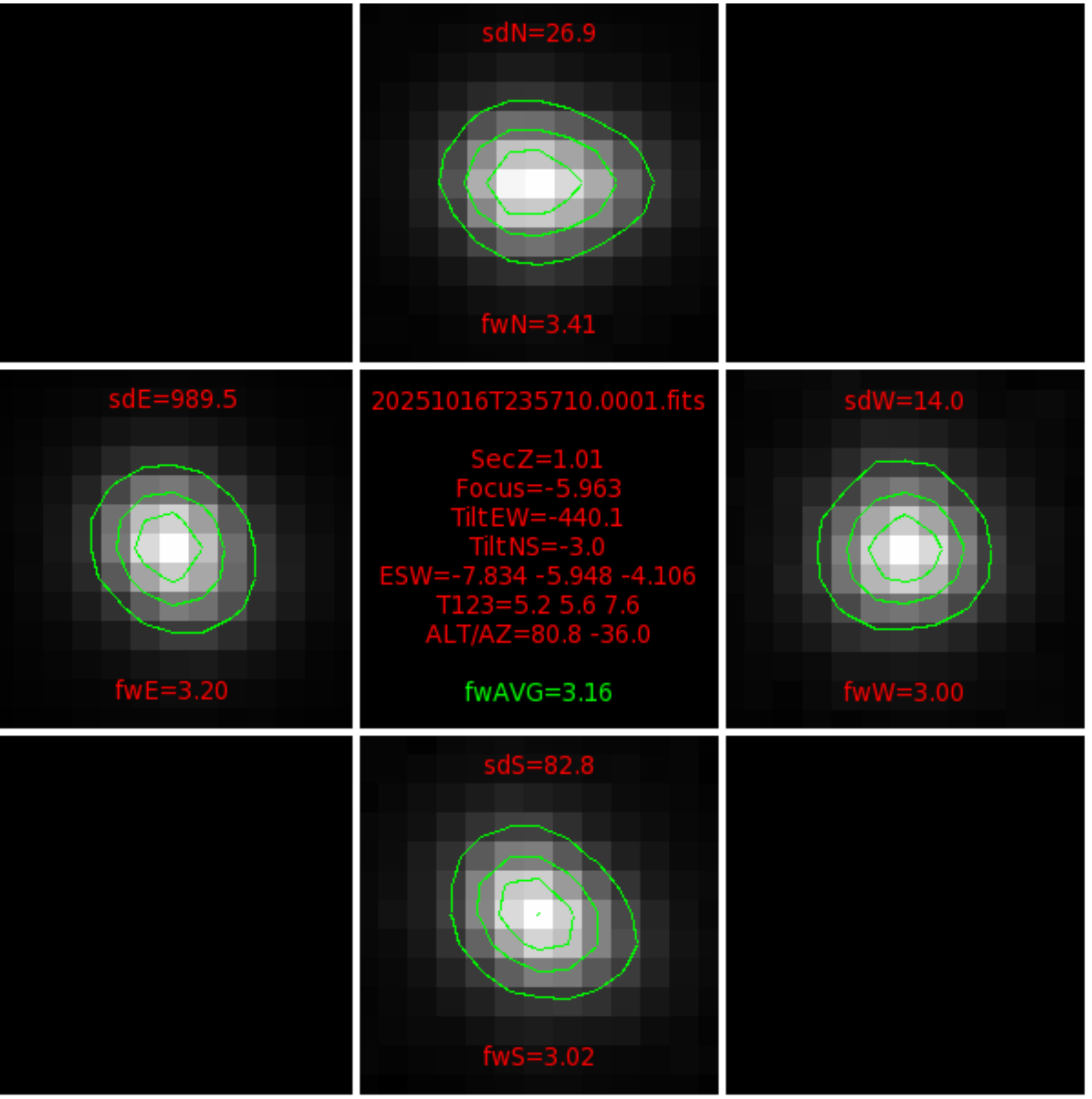
sdN=26.9
fwN=3.41
sdE=989.5
fwE=3.20
20251016T235710.0001.fits
SecZ=1.01
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.2 5.6 7.6
ALT/AZ=80.8 -36.0
fwAVG=3.16
sdW=14.0
fwW=3.00
sdS=82.8
fwS=3.02
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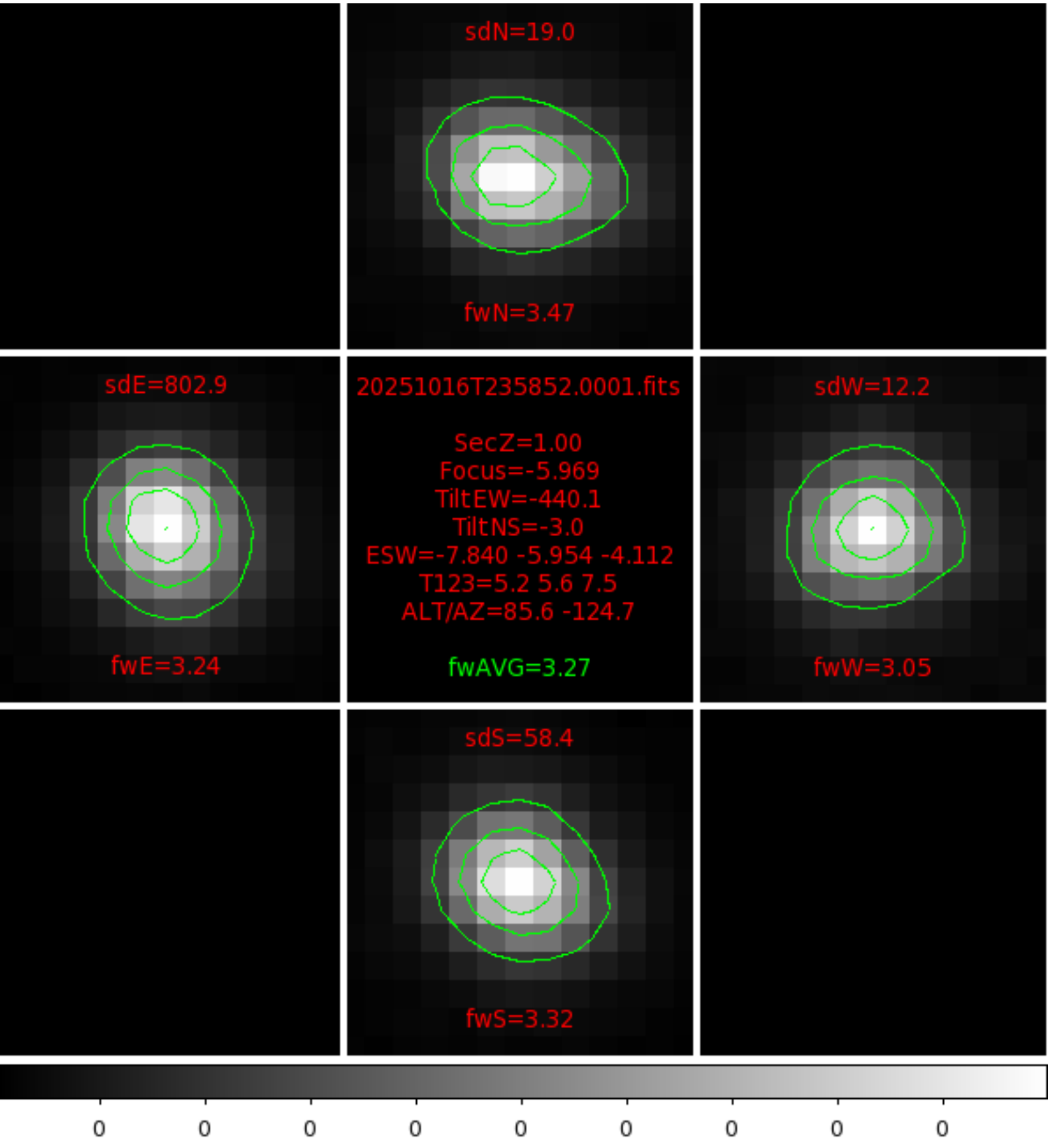
sdN=19.0
fwN=3.47
sdE=802.9
fwE=3.24
20251016T235852.0001.fits
SecZ=1.00
Focus=-5.969
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.840 -5.954 -4.112
T123=5.2 5.6 7.5
ALT/AZ=85.6 -124.7
fwAVG=3.27
sdW=12.2
fwW=3.05
sdS=58.4
fwS=3.32
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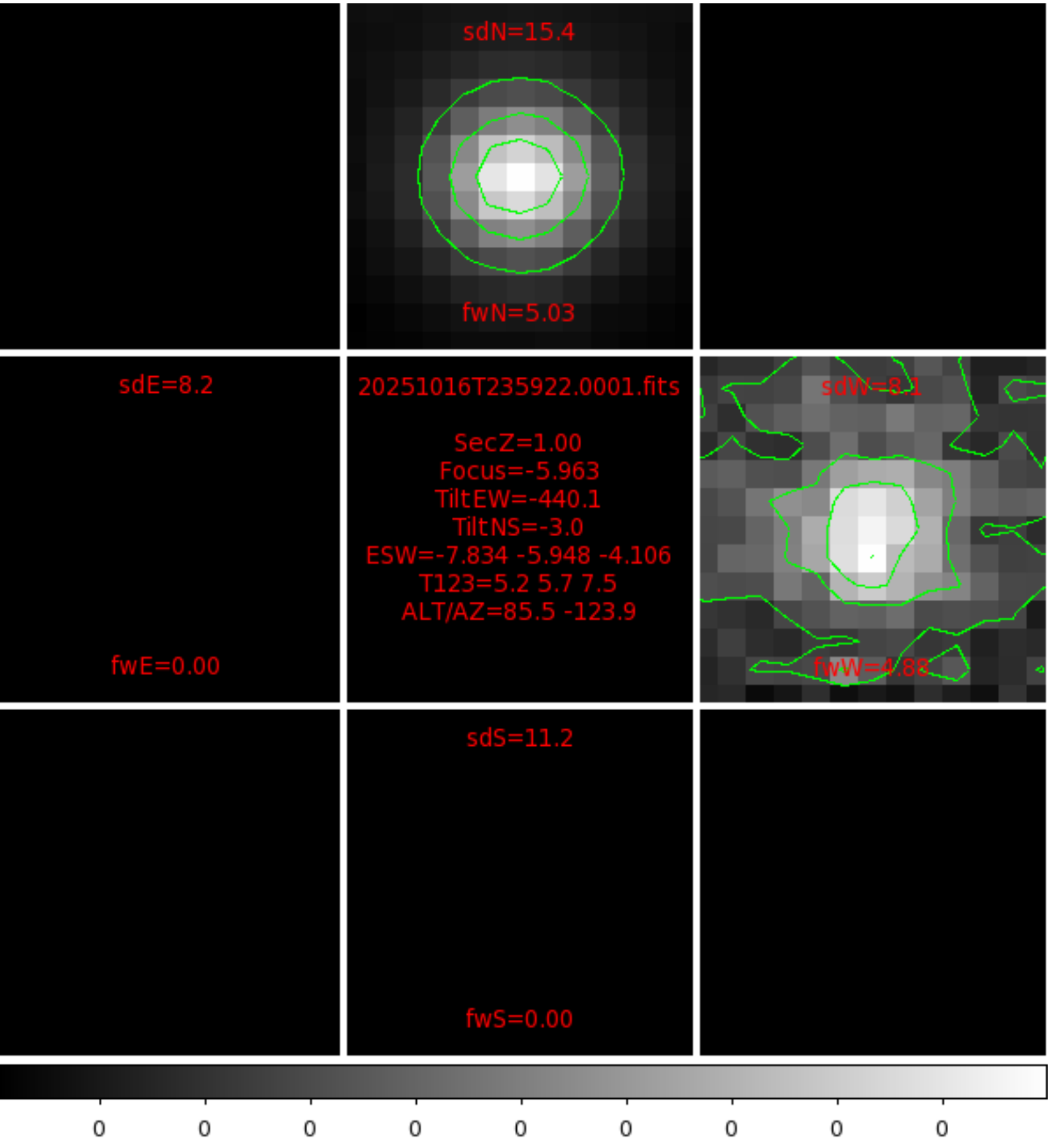
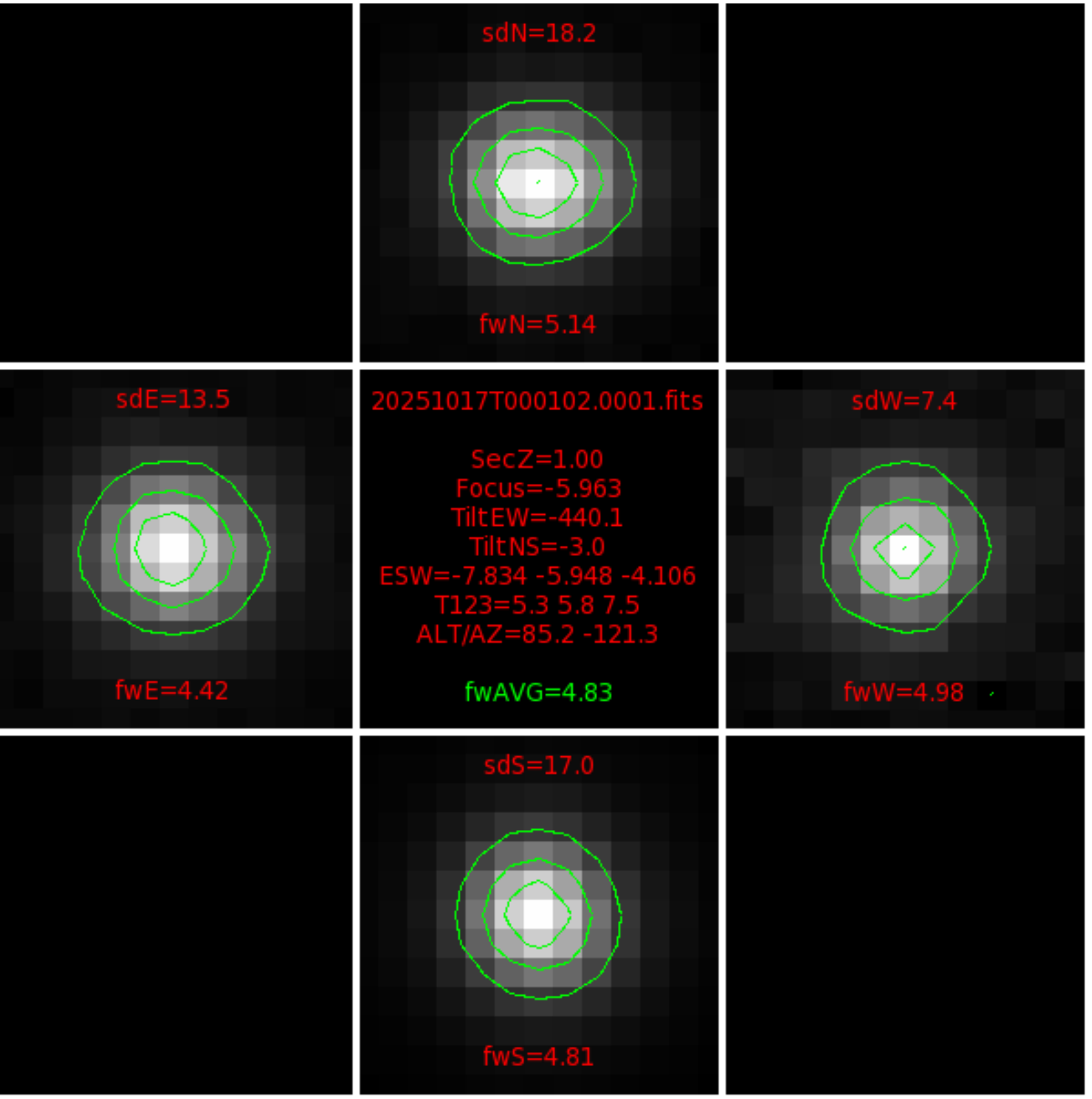

sdN=15.4
fwN=5.03
sdE=8.2
fwE=0.00
20251016T235922.0001.fits
SecZ=1.00
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.2 5.7 7.5
ALT/AZ=85.5 -123.9
sdW=8.1
fwW=4.88
sdS=11.2
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=18.2
fwN=5.14
sdE=13.5
fwE=4.42
20251017T000102.0001.fits
SecZ=1.00
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.3 5.8 7.5
ALT/AZ=85.2 -121.3
fwAVG=4.83
sdW=7.4
fwW=4.98
sdS=17.0
fwS=4.81
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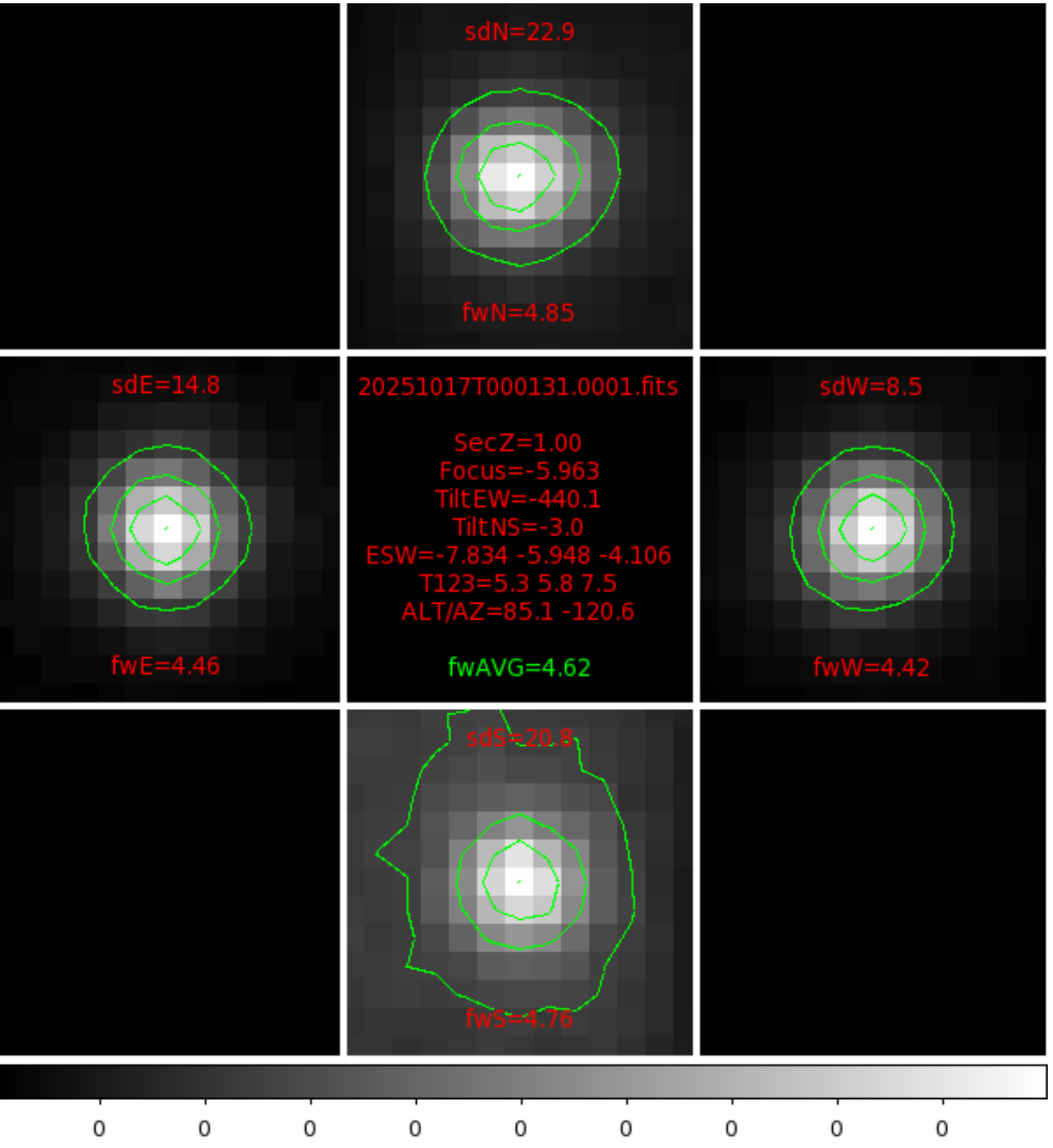
sdN=22.9
fwN=4.85
sdE=14.8
fwE=4.46
20251017T000131.0001.fits
SecZ=1.00
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.3 5.8 7.5
ALT/AZ=85.1 -120.6
fwAVG=4.62
sdW=8.5
fwW=4.42
sdS=20.8
fwS=4.76
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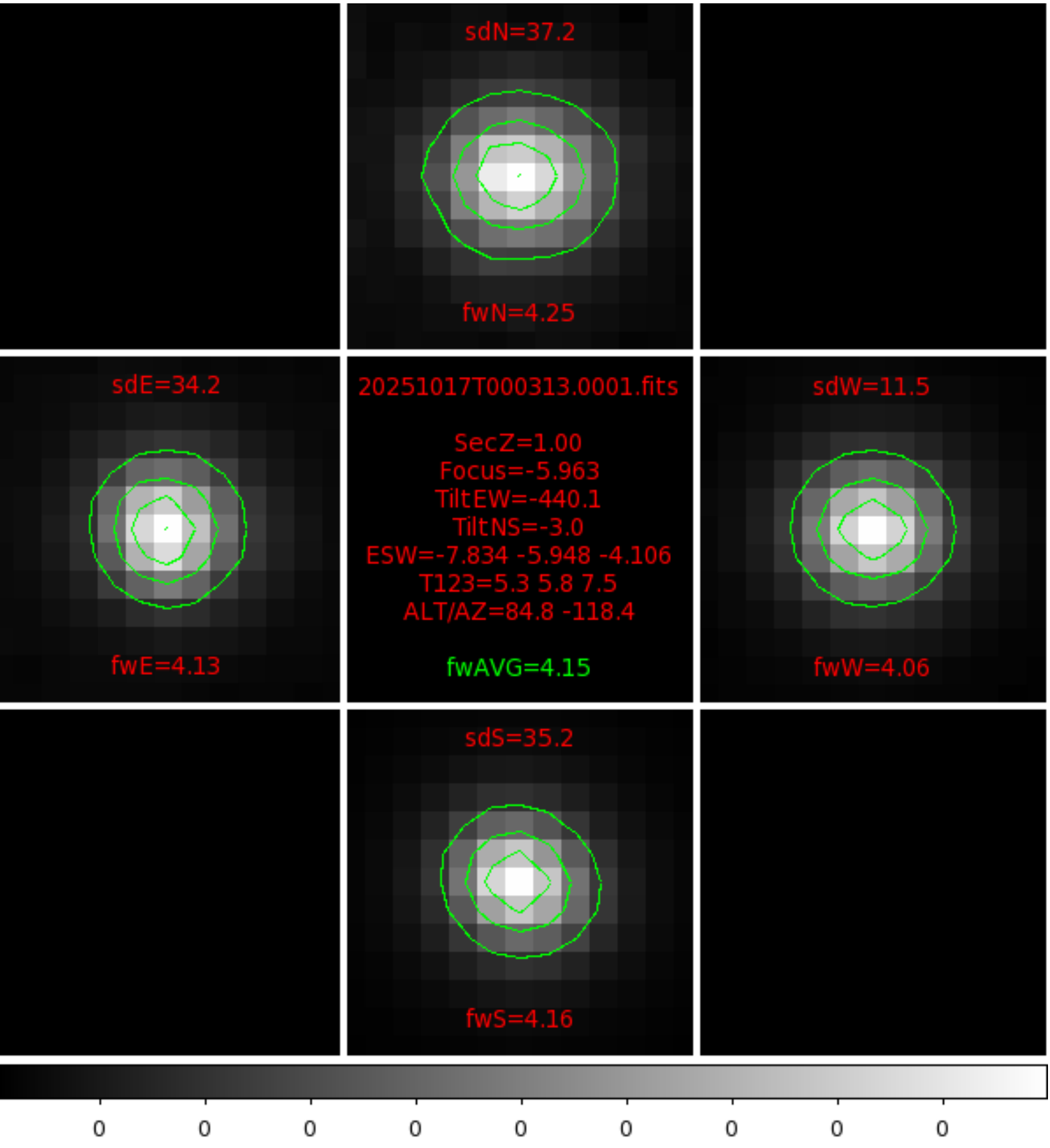
sdN=37.2
fwN=4.25
sdE=34.2
fwE=4.13
20251017T000313.0001.fits
SecZ=1.00
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.3 5.8 7.5
ALT/AZ=84.8 -118.4
fwAVG=4.15
sdW=11.5
fwW=4.06
sdS=35.2
fwS=4.16
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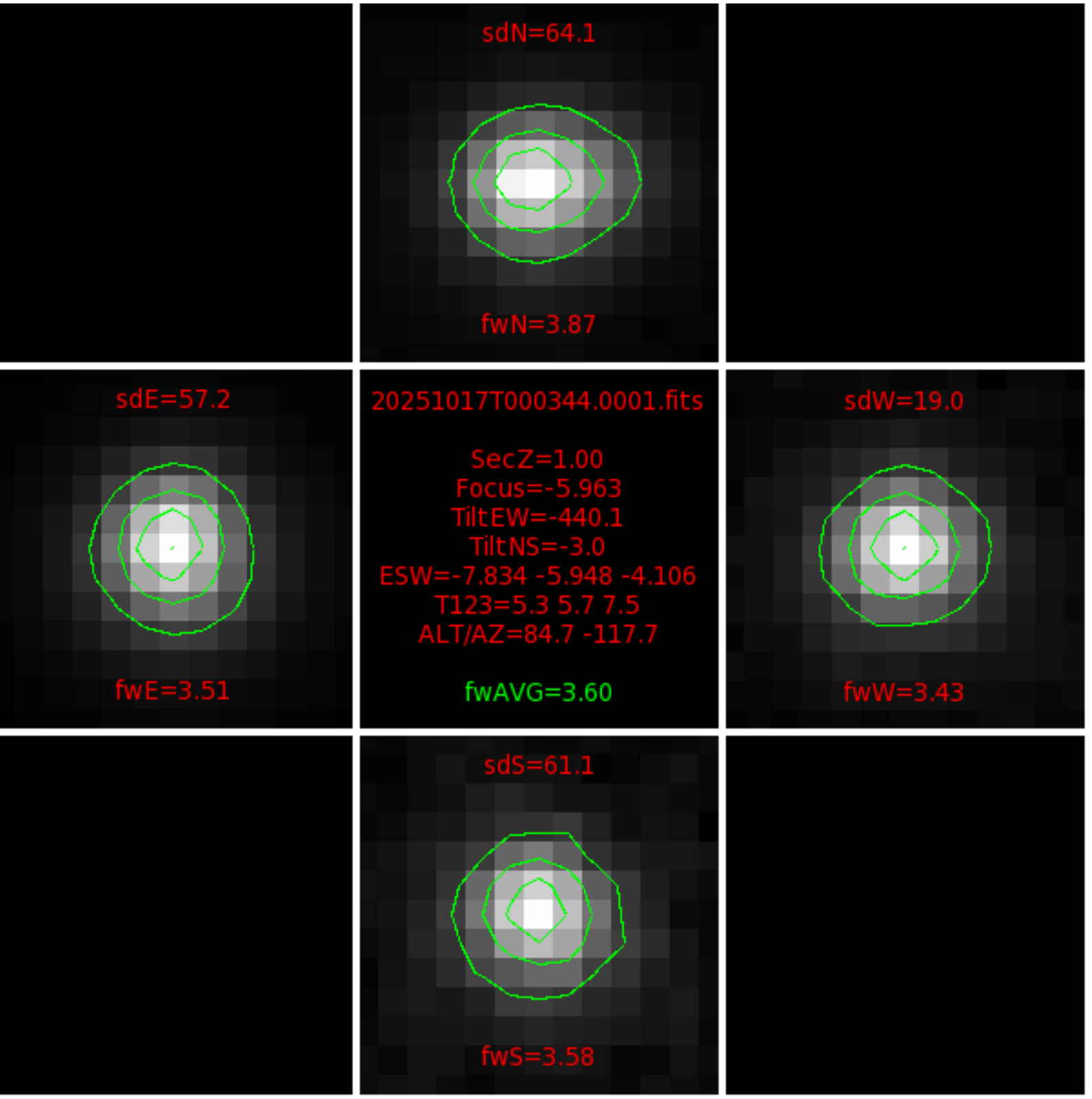
sdN=64.1
fwN=3.87
sdE=57.2
fwE=3.51
20251017T000344.0001.fits
SecZ=1.00
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.3 5.7 7.5
ALT/AZ=84.7 -117.7
fwAVG=3.60
sdW=19.0
fwW=3.43
sdS=61.1
fwS=3.58
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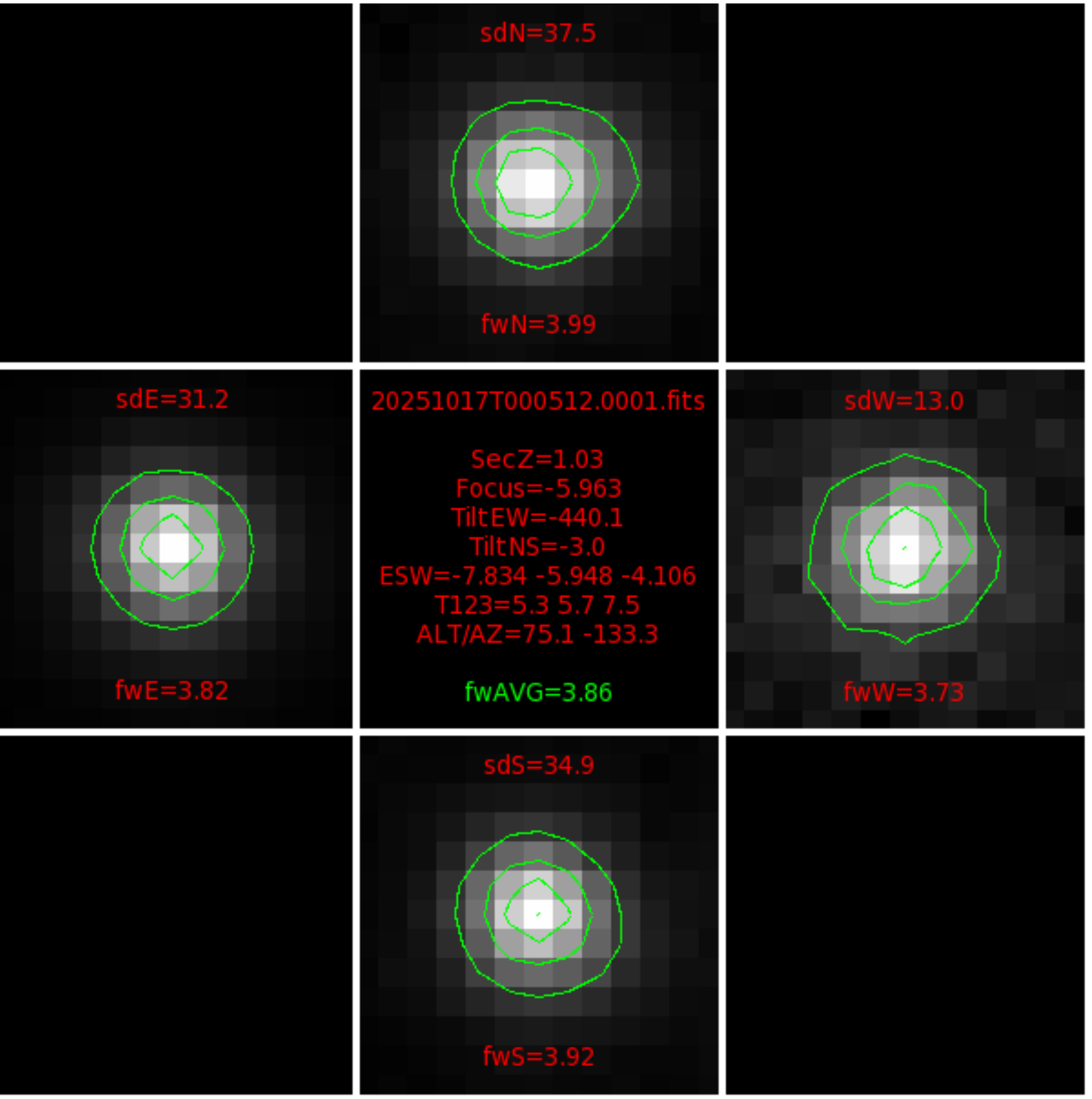
sdN=37.5
fwN=3.99
sdE=31.2
fwE=3.82
20251017T000512.0001.fits
SecZ=1.03
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.3 5.7 7.5
ALT/AZ=75.1 -133.3
fwAVG=3.86
sdW=13.0
fwW=3.73
sdS=34.9
fwS=3.92
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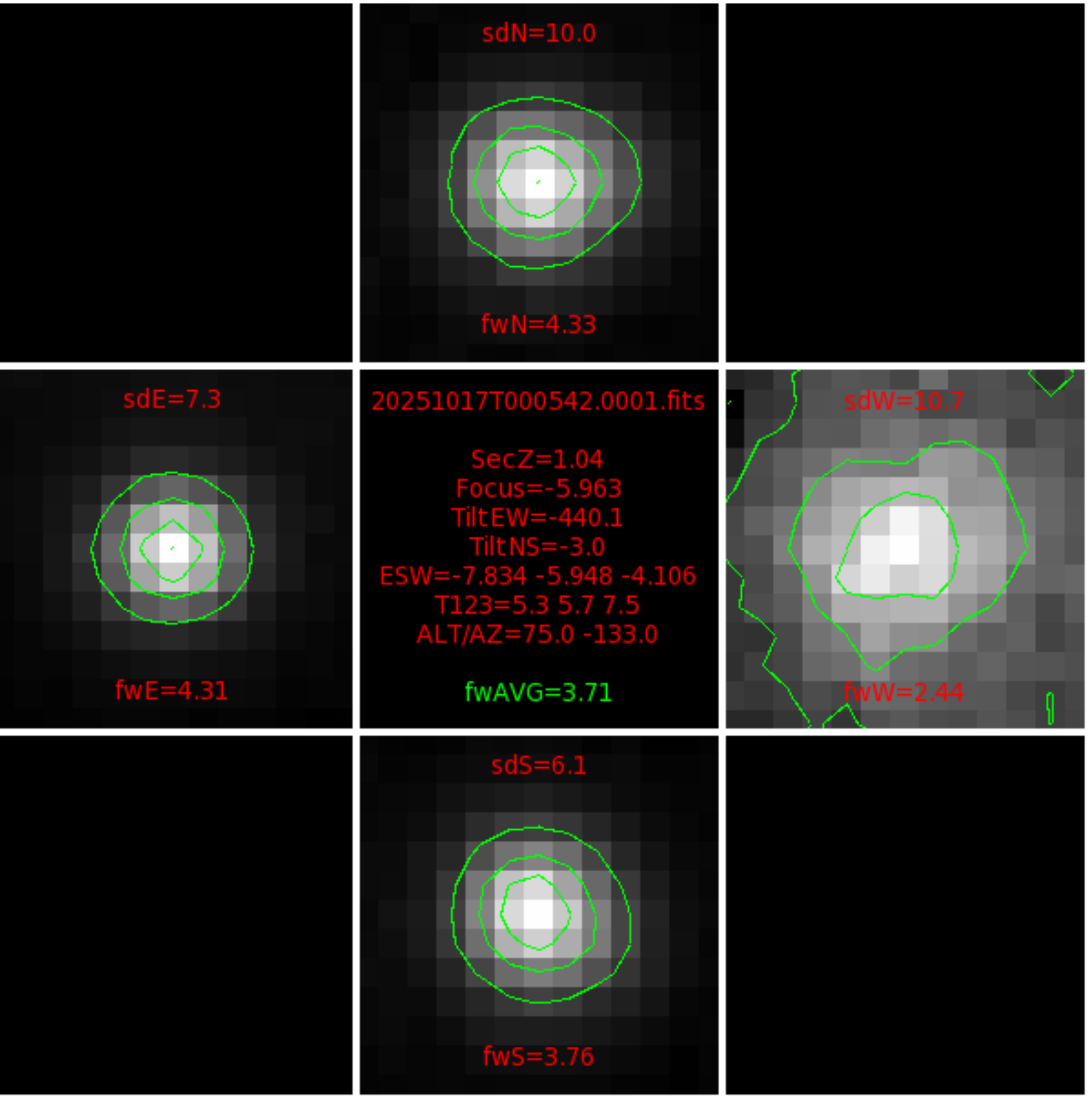
sdN=10.0
fwN=4.33
sdE=7.3
fwE=4.31
20251017T000542.0001.fits
SecZ=1.04
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.3 5.7 7.5
ALT/AZ=75.0 -133.0
fwAVG=3.71
sdW=10.7
fwW=2.44
sdS=6.1
fwS=3.76
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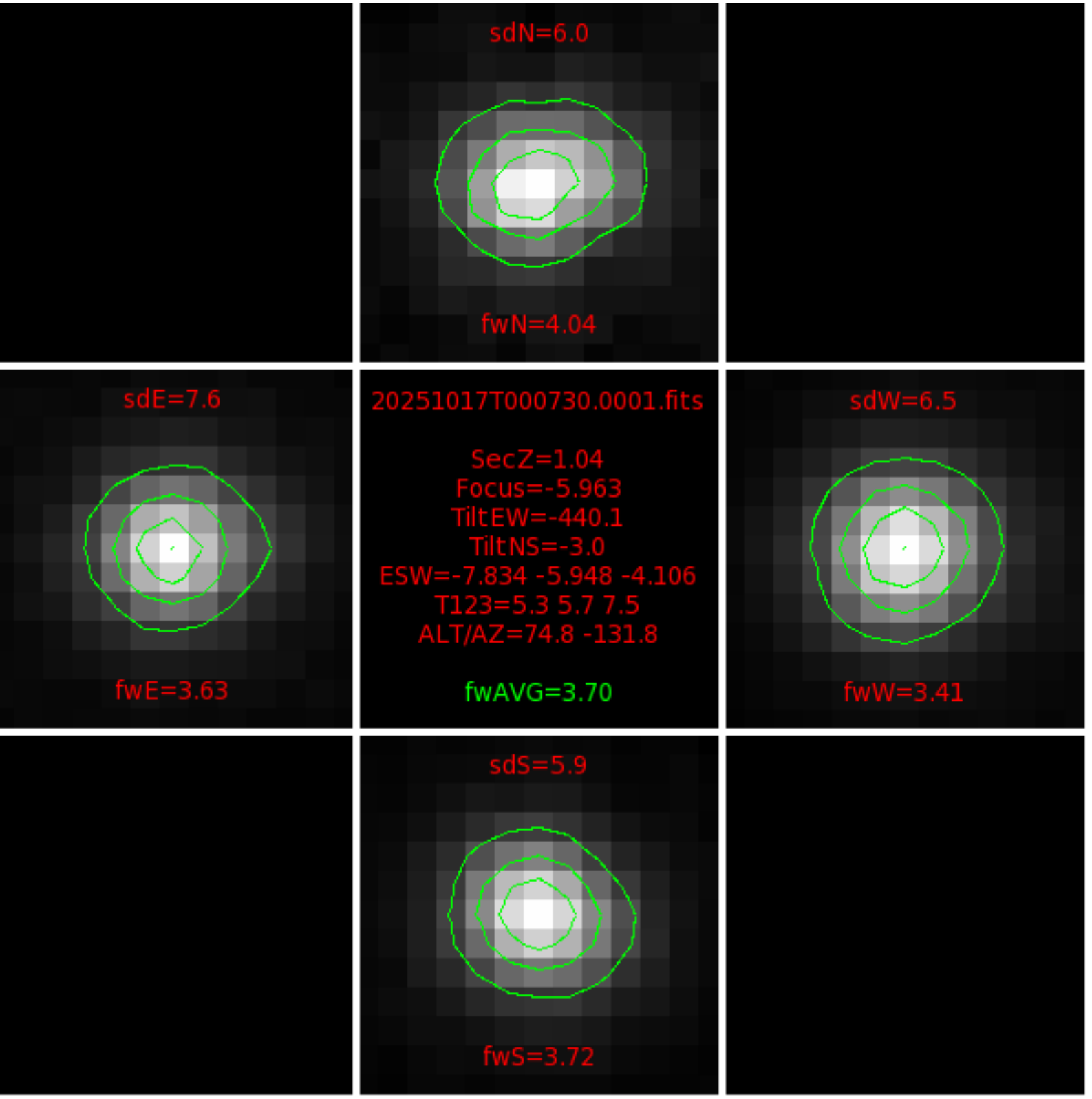
sdN=6.0
fwN=4.04
sdE=7.6
fwE=3.63
20251017T000730.0001.fits
SecZ=1.04
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.3 5.7 7.5
ALT/AZ=74.8 -131.8
fwAVG=3.70
sdW=6.5
fwW=3.41
sdS=5.9
fwS=3.72
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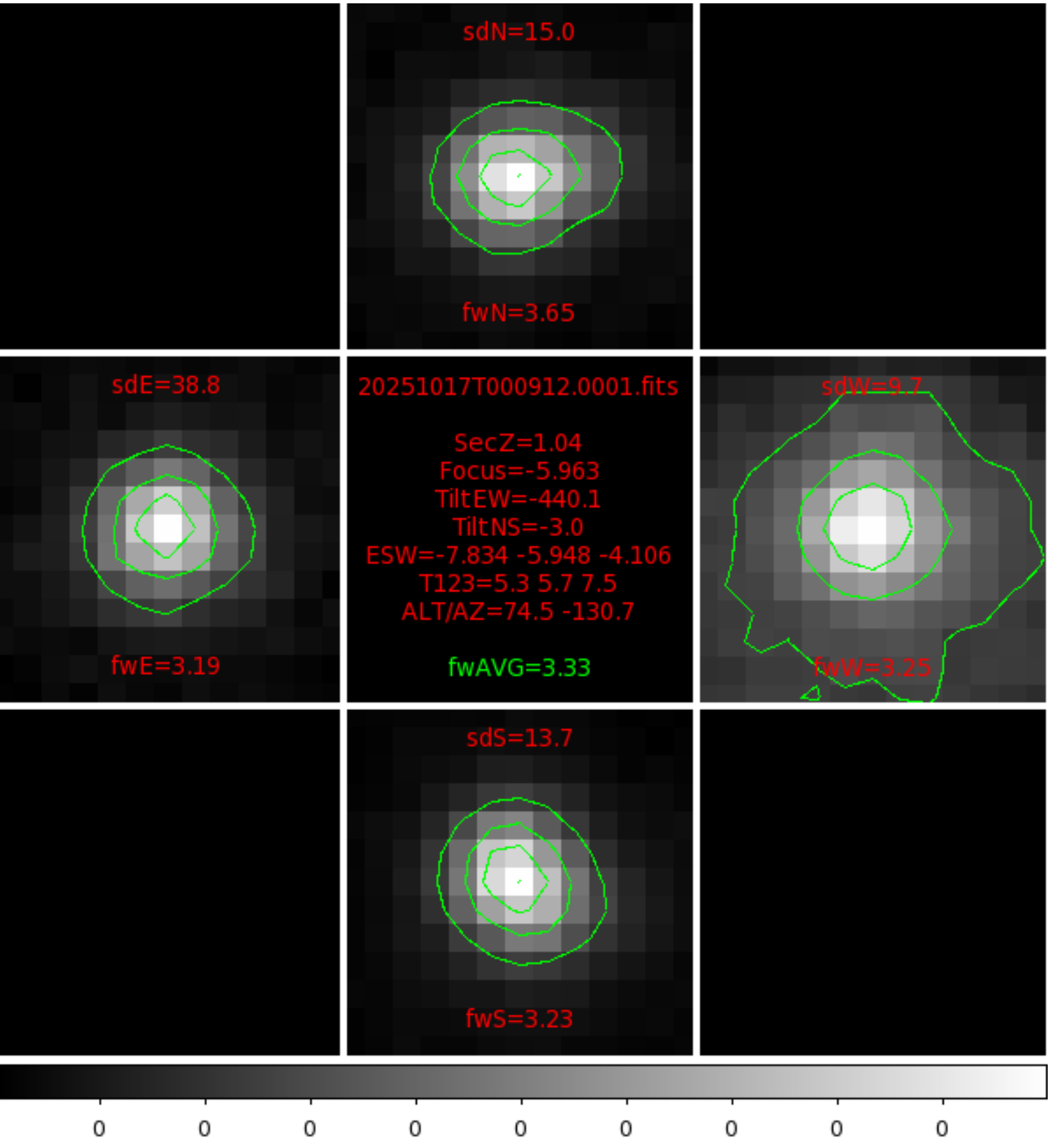
sdN=15.0
fwN=3.65
sdE=38.8
fwE=3.19
20251017T000912.0001.fits
SecZ=1.04
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.3 5.7 7.5
ALT/AZ=74.5 -130.7
fwAVG=3.33
sdW=9.7
fwW=3.25
sdS=13.7
fwS=3.23
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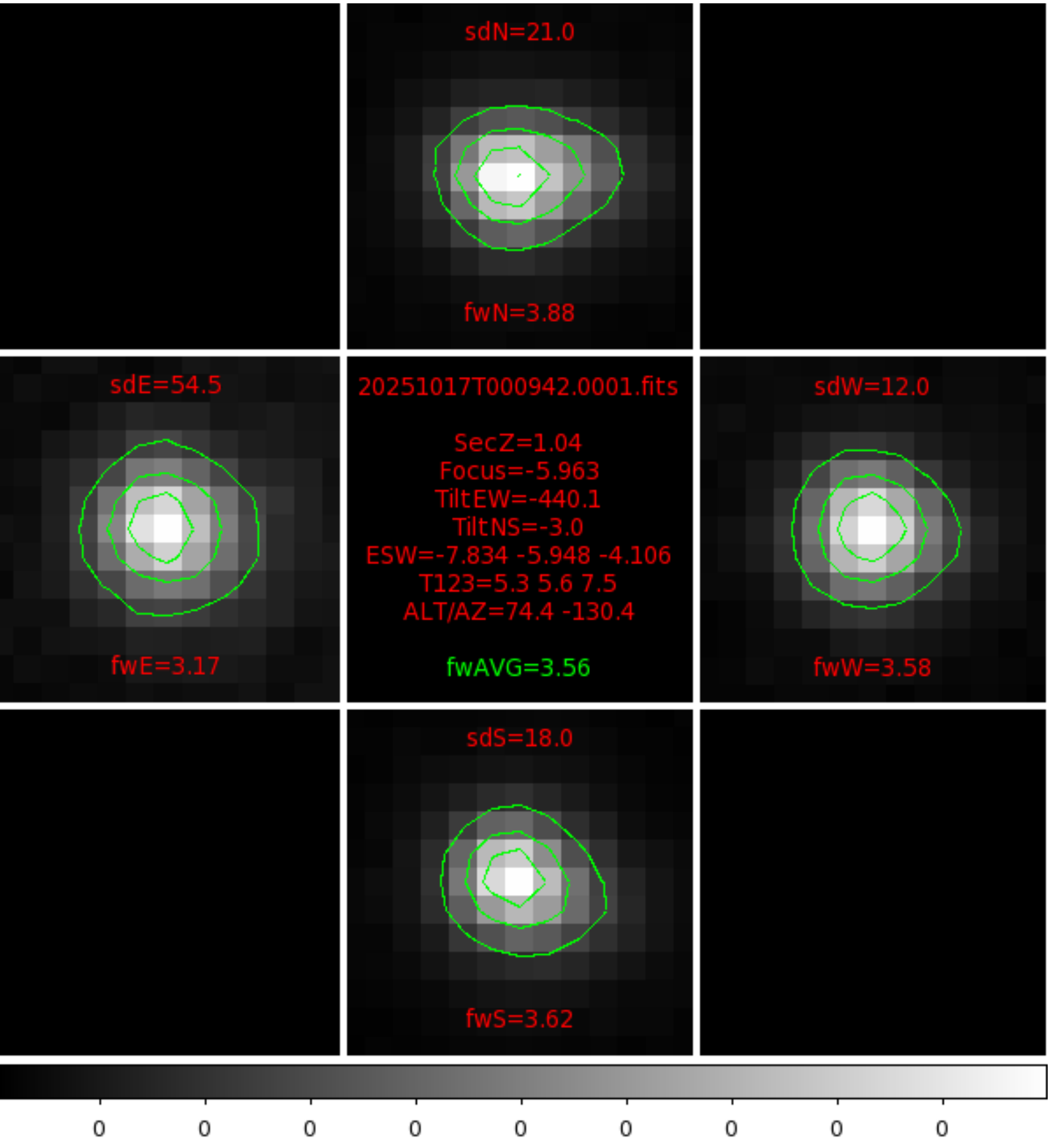
sdN=21.0
fwN=3.88
sdE=54.5
fwE=3.17
20251017T000942.0001.fits
SecZ=1.04
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.3 5.6 7.5
ALT/AZ=74.4 -130.4
fwAVG=3.56
sdW=12.0
fwW=3.58
sdS=18.0
fwS=3.62
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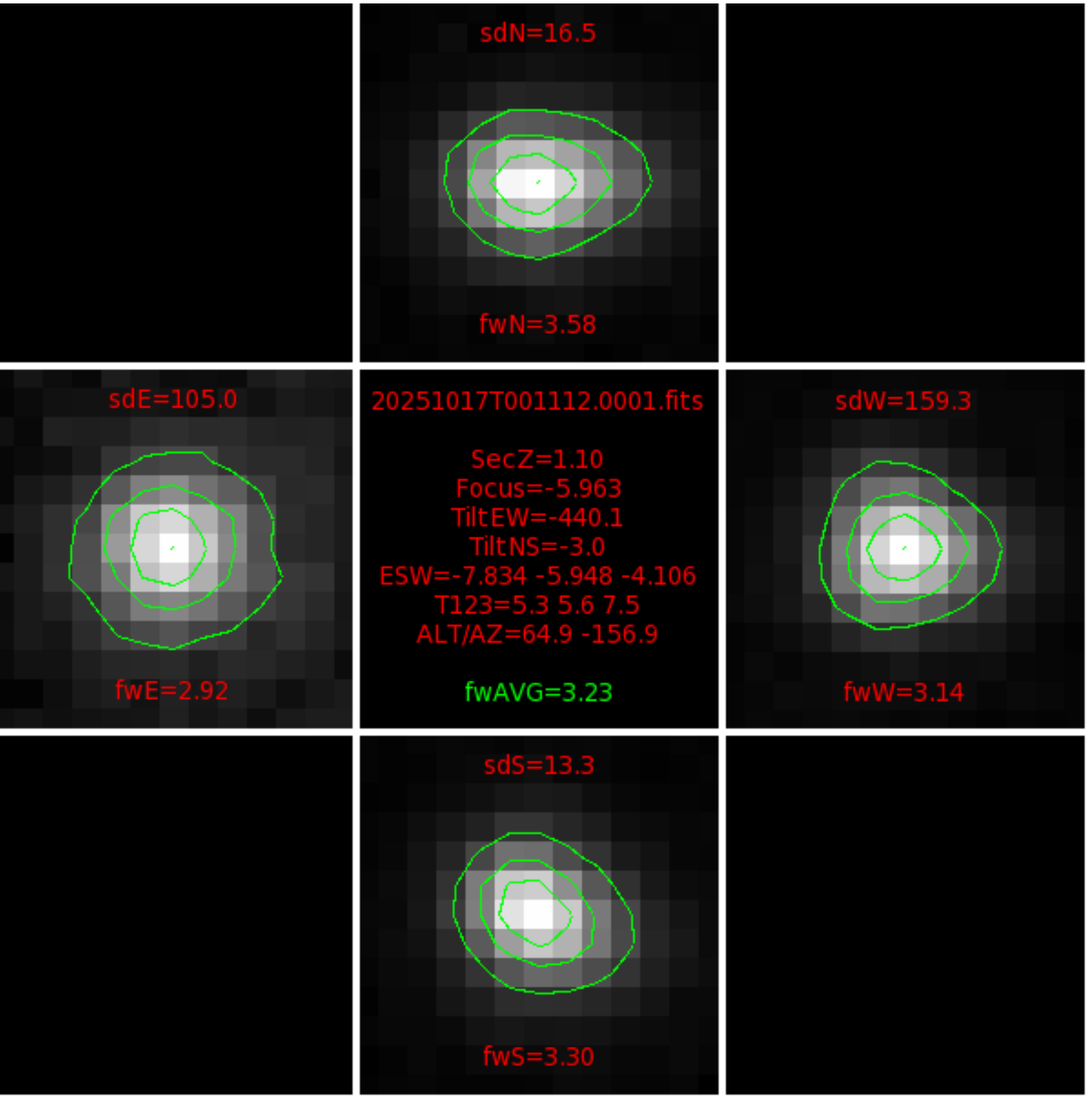
sdN=16.5
fwN=3.58
sdE=105.0
fwE=2.92
20251017T001112.0001.fits
SecZ=1.10
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.3 5.6 7.5
ALT/AZ=64.9 -156.9
fwAVG=3.23
sdW=159.3
fwW=3.14
sdS=13.3
fwS=3.30
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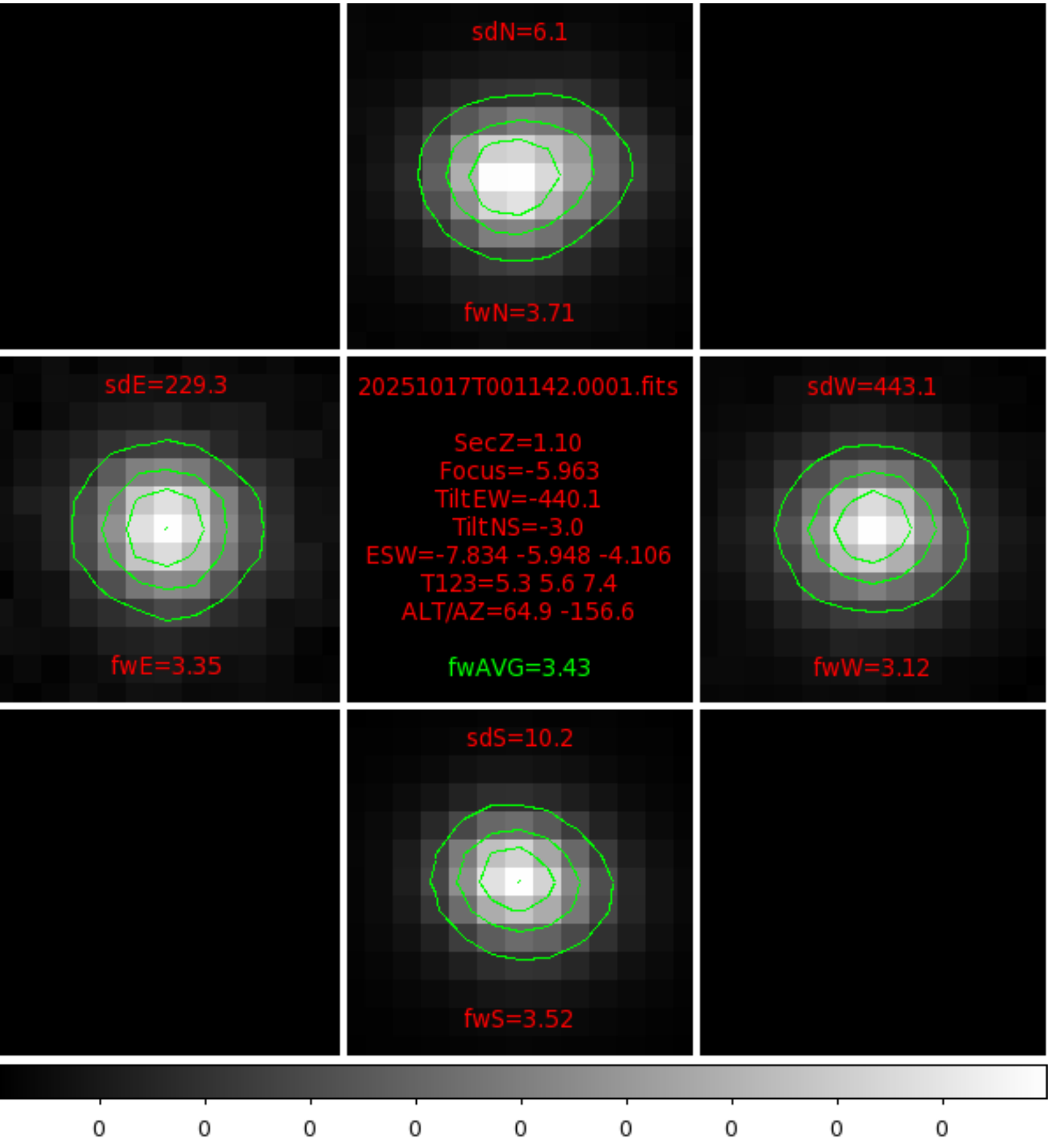
sdN=6.1
fwN=3.71
sdE=229.3
fwE=3.35
20251017T001142.0001.fits
SecZ=1.10
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.3 5.6 7.4
ALT/AZ=64.9 -156.6
fwAVG=3.43
sdW=443.1
fwW=3.12
sdS=10.2
fwS=3.52
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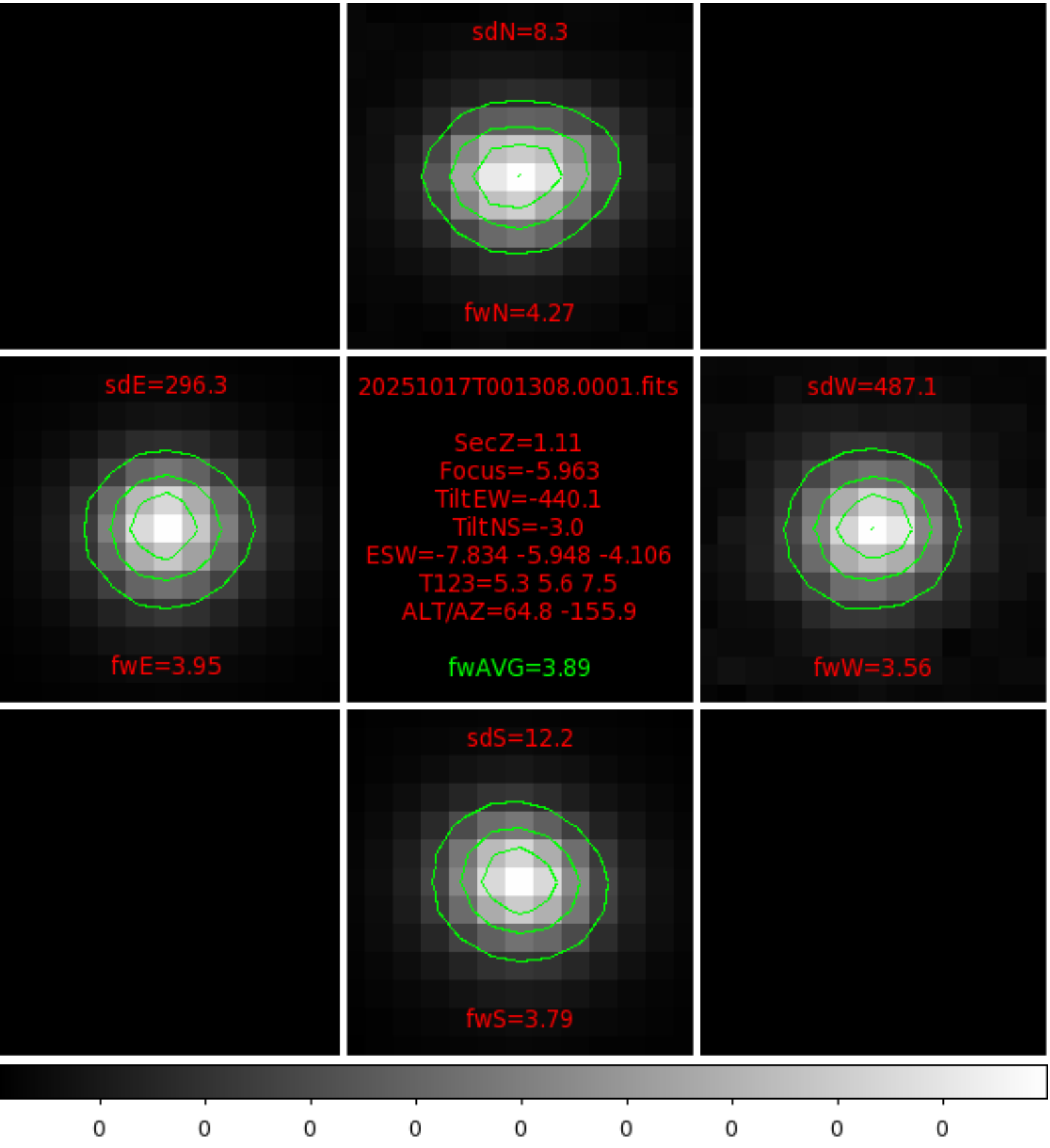
sdN=8.3
fwN=4.27
sdE=296.3
fwE=3.95
20251017T001308.0001.fits
SecZ=1.11
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.3 5.6 7.5
ALT/AZ=64.8 -155.9
fwAVG=3.89
sdW=487.1
fwW=3.56
sdS=12.2
fwS=3.79
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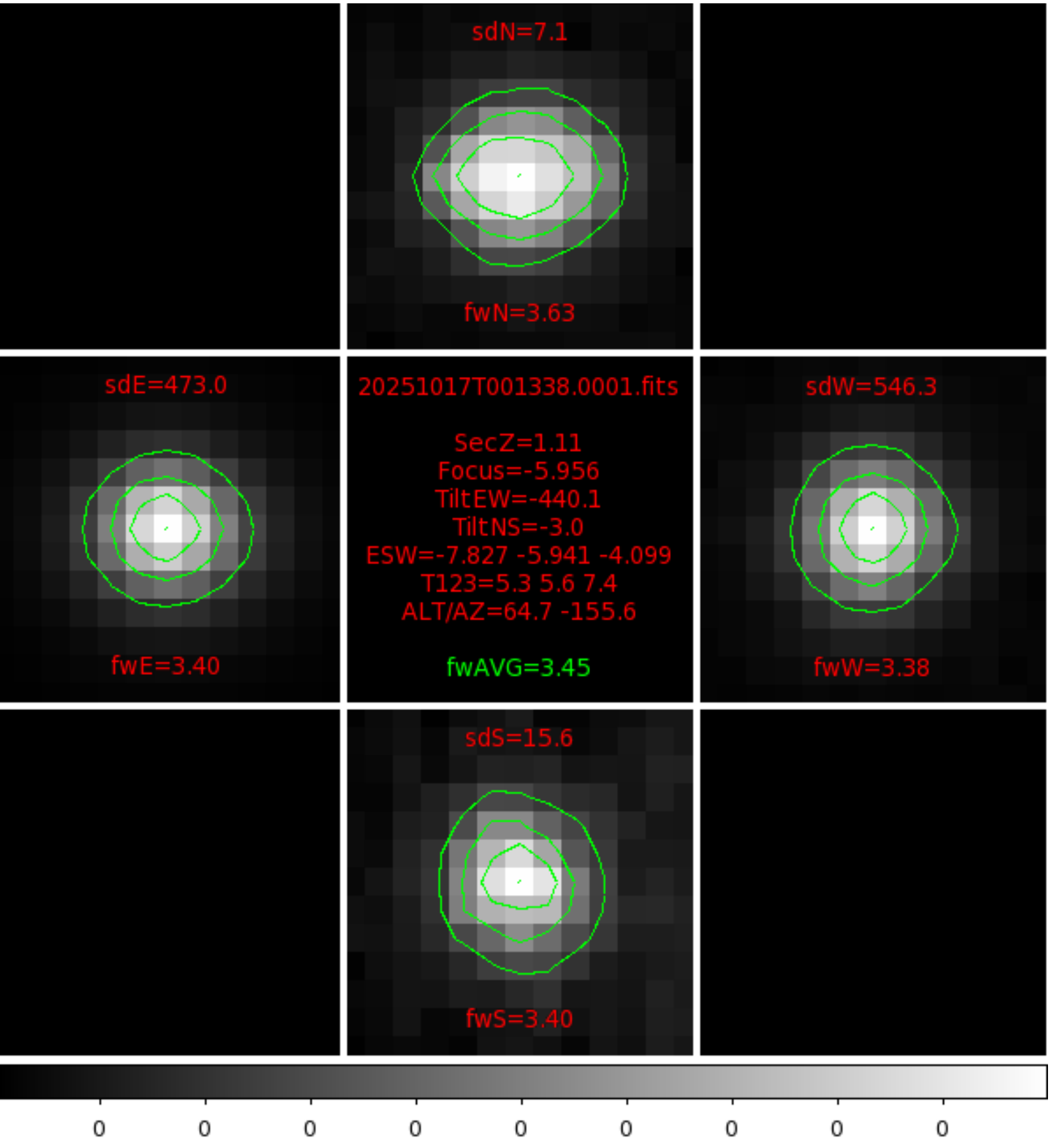
sdN=7.1
fwN=3.63
sdE=473.0
fwE=3.40
20251017T001338.0001.fits
SecZ=1.11
Focus=-5.956
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.827 -5.941 -4.099
T123=5.3 5.6 7.4
ALT/AZ=64.7 -155.6
fwAVG=3.45
sdW=546.3
fwW=3.38
sdS=15.6
fwS=3.40
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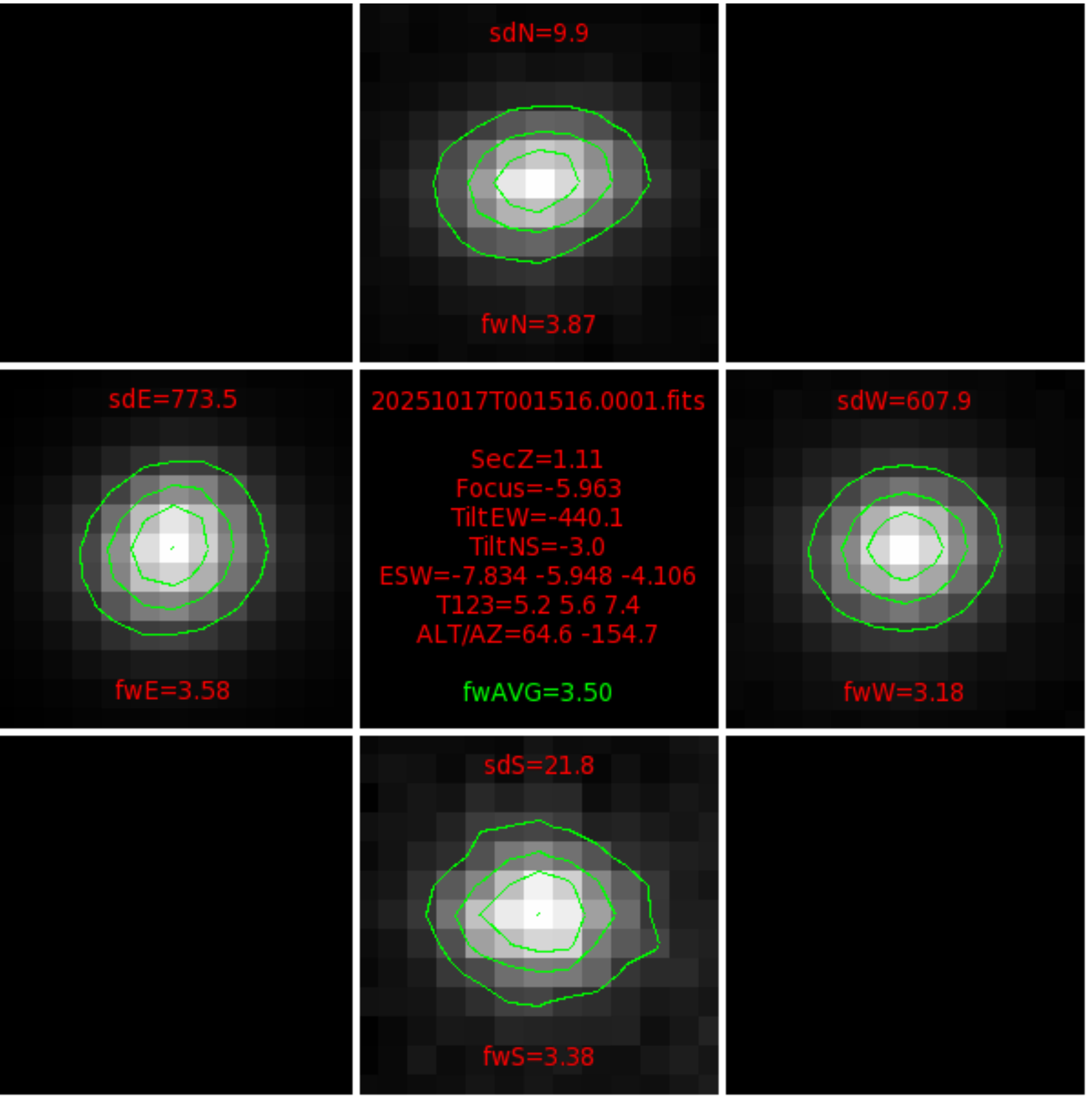
sdN=9.9
fwN=3.87
sdE=773.5
fwE=3.58
20251017T001516.0001.fits
SecZ=1.11
Focus=-5.963
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.834 -5.948 -4.106
T123=5.2 5.6 7.4
ALT/AZ=64.6 -154.7
fwAVG=3.50
sdW=607.9
fwW=3.18
sdS=21.8
fwS=3.38
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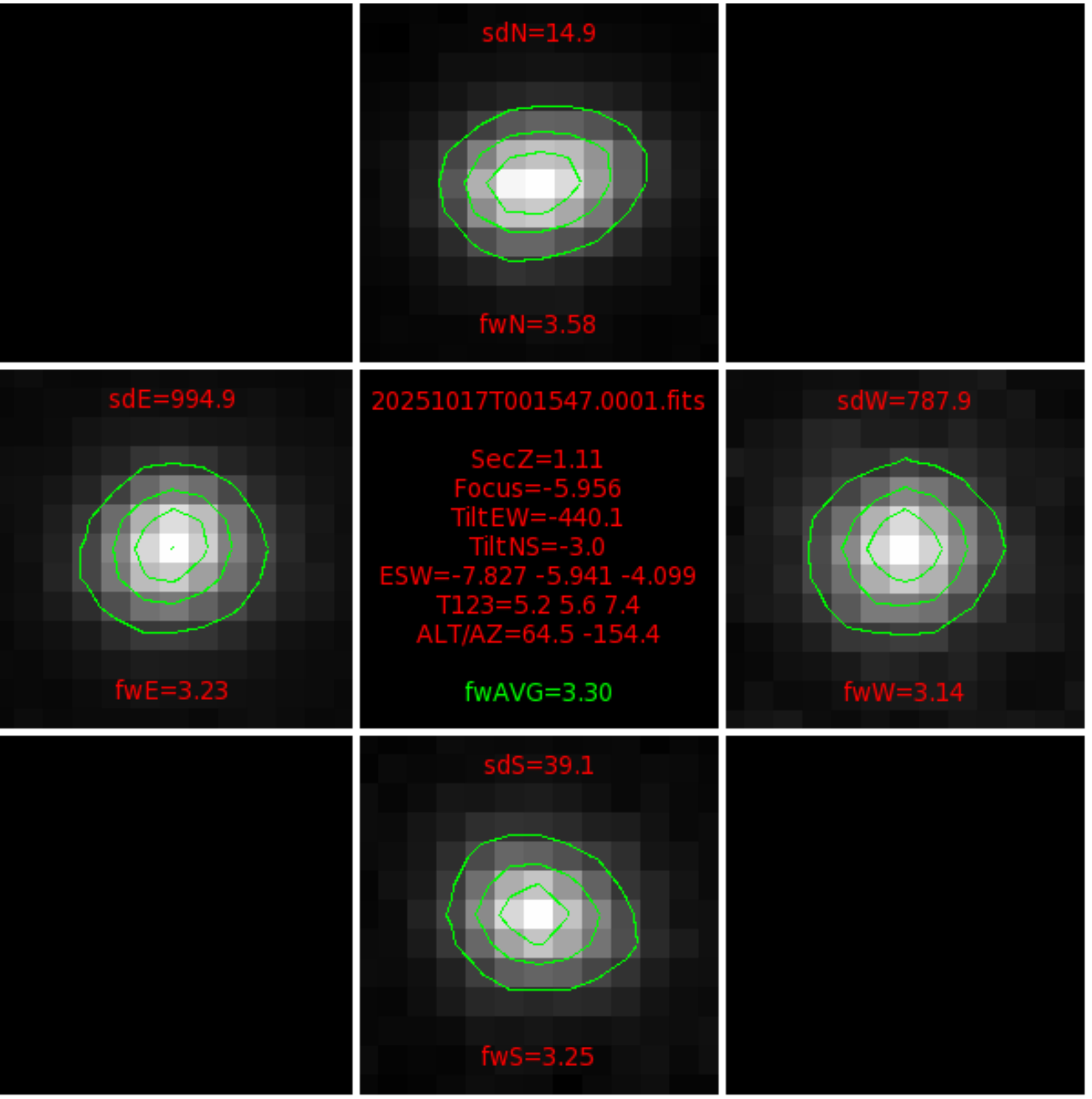
sdN=14.9
fwN=3.58
sdE=994.9
fwE=3.23
20251017T001547.0001.fits
SecZ=1.11
Focus=-5.956
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.827 -5.941 -4.099
T123=5.2 5.6 7.4
ALT/AZ=64.5 -154.4
fwAVG=3.30
sdW=787.9
fwW=3.14
sdS=39.1
fwS=3.25
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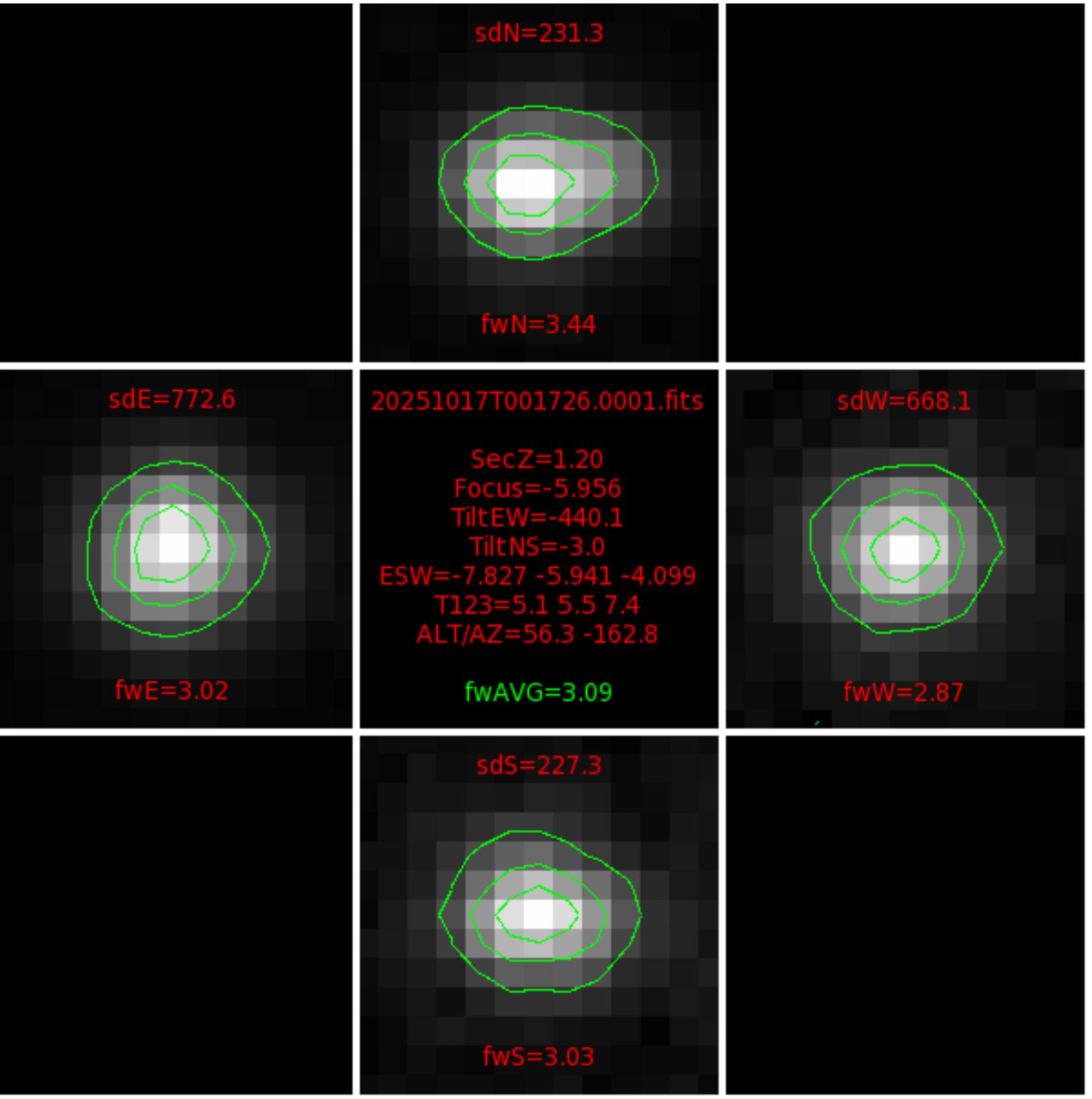
sdN=231.3
fwN=3.44
sdE=772.6
fwE=3.02
20251017T001726.0001.fits
SecZ=1.20
Focus=-5.956
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.827 -5.941 -4.099
T123=5.1 5.5 7.4
ALT/AZ=56.3 -162.8
fwAVG=3.09
sdW=668.1
fwW=2.87
sdS=227.3
fwS=3.03
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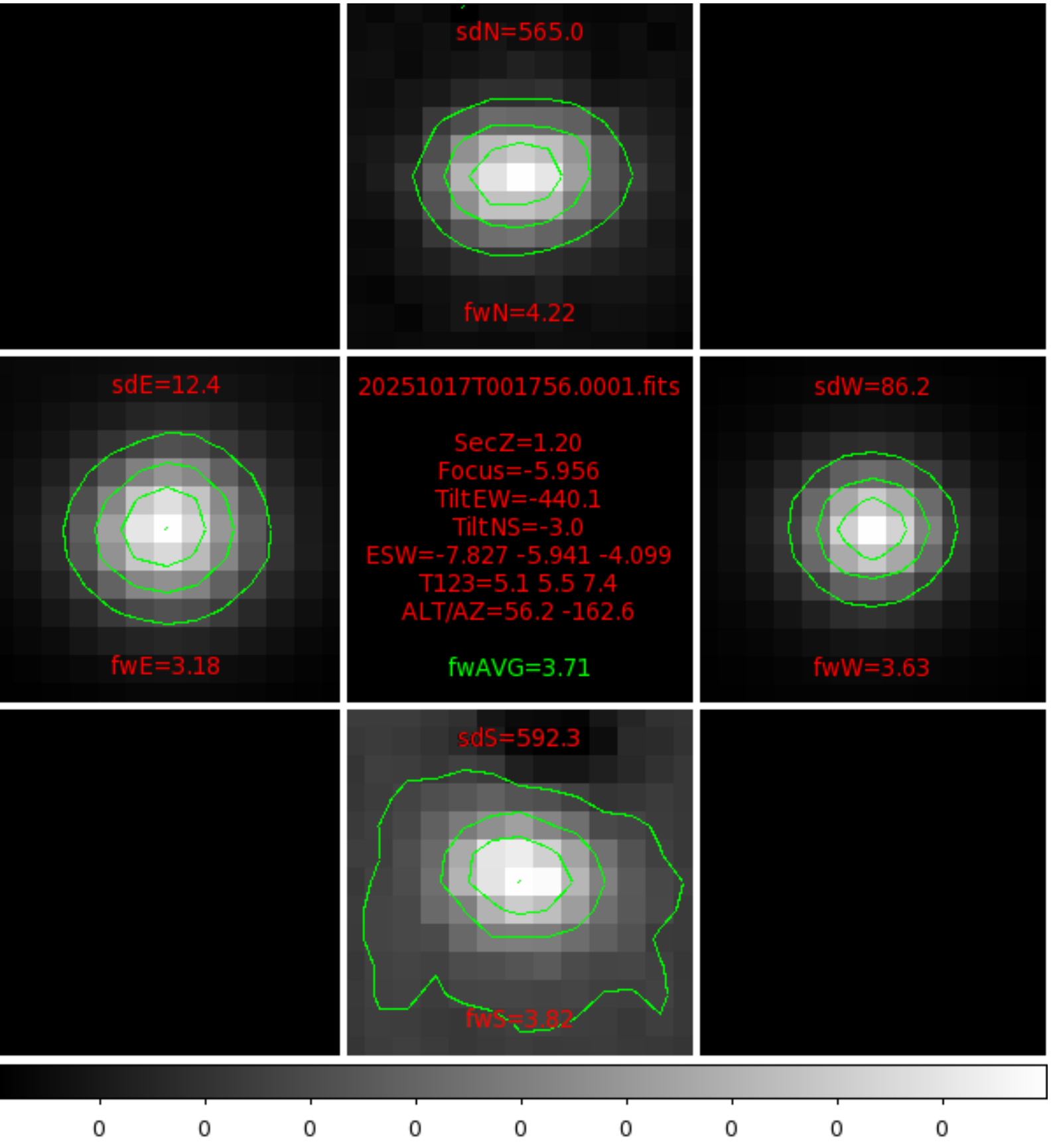
sdN=565.0
fwN=4.22
sdE=12.4
fwE=3.18
20251017T001756.0001.fits
SecZ=1.20
Focus=-5.956
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.827 -5.941 -4.099
T123=5.1 5.5 7.4
ALT/AZ=56.2 -162.6
fwAVG=3.71
sdW=86.2
fwW=3.63
sdS=592.3
fwS=3.82
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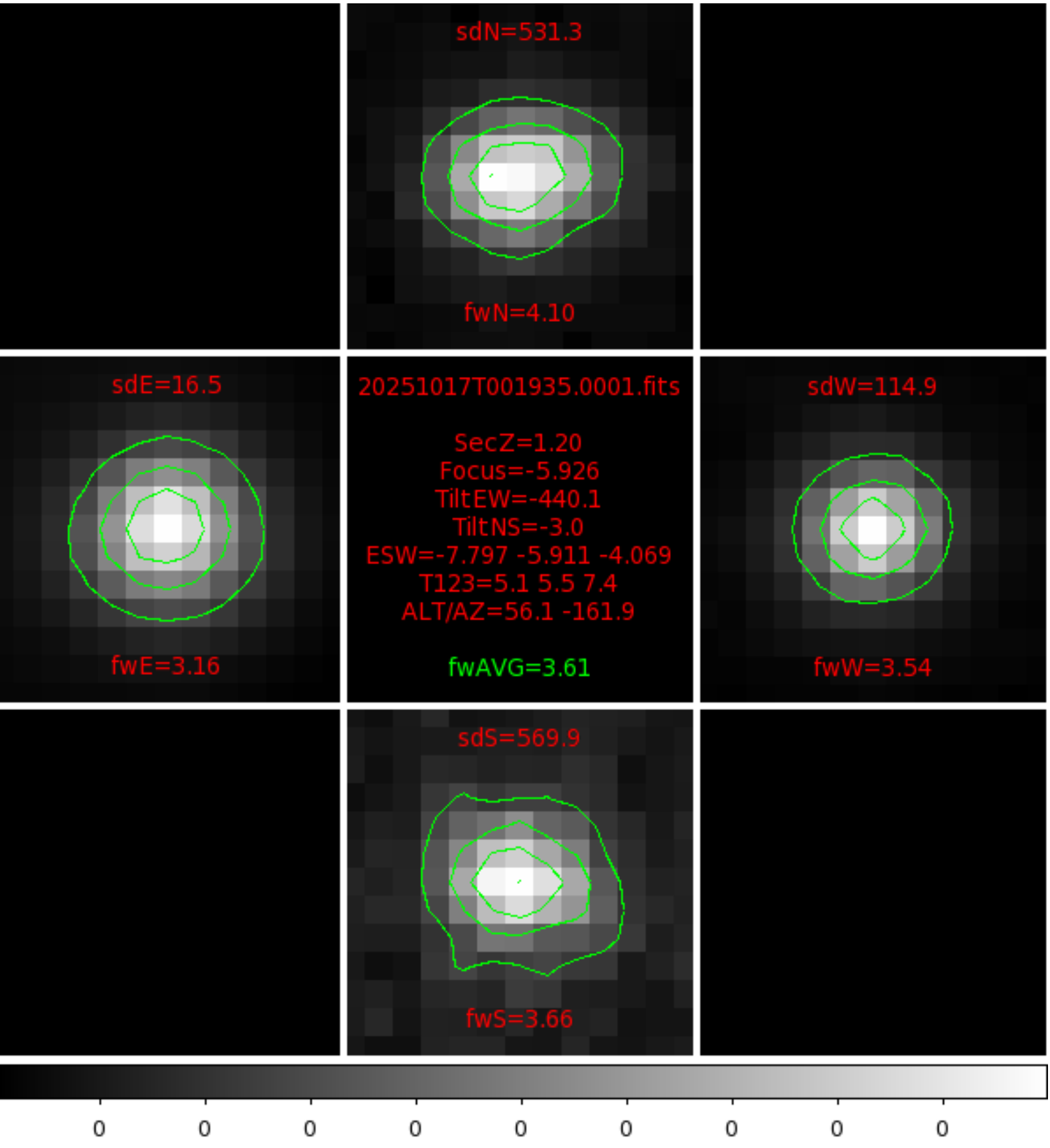
sdN=531.3
fwN=4.10
sdE=16.5
fwE=3.16
20251017T001935.0001.fits
SecZ=1.20
Focus=-5.926
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.797 -5.911 -4.069
T123=5.1 5.5 7.4
ALT/AZ=56.1 -161.9
fwAVG=3.61
sdW=114.9
fwW=3.54
sdS=569.9
fwS=3.66
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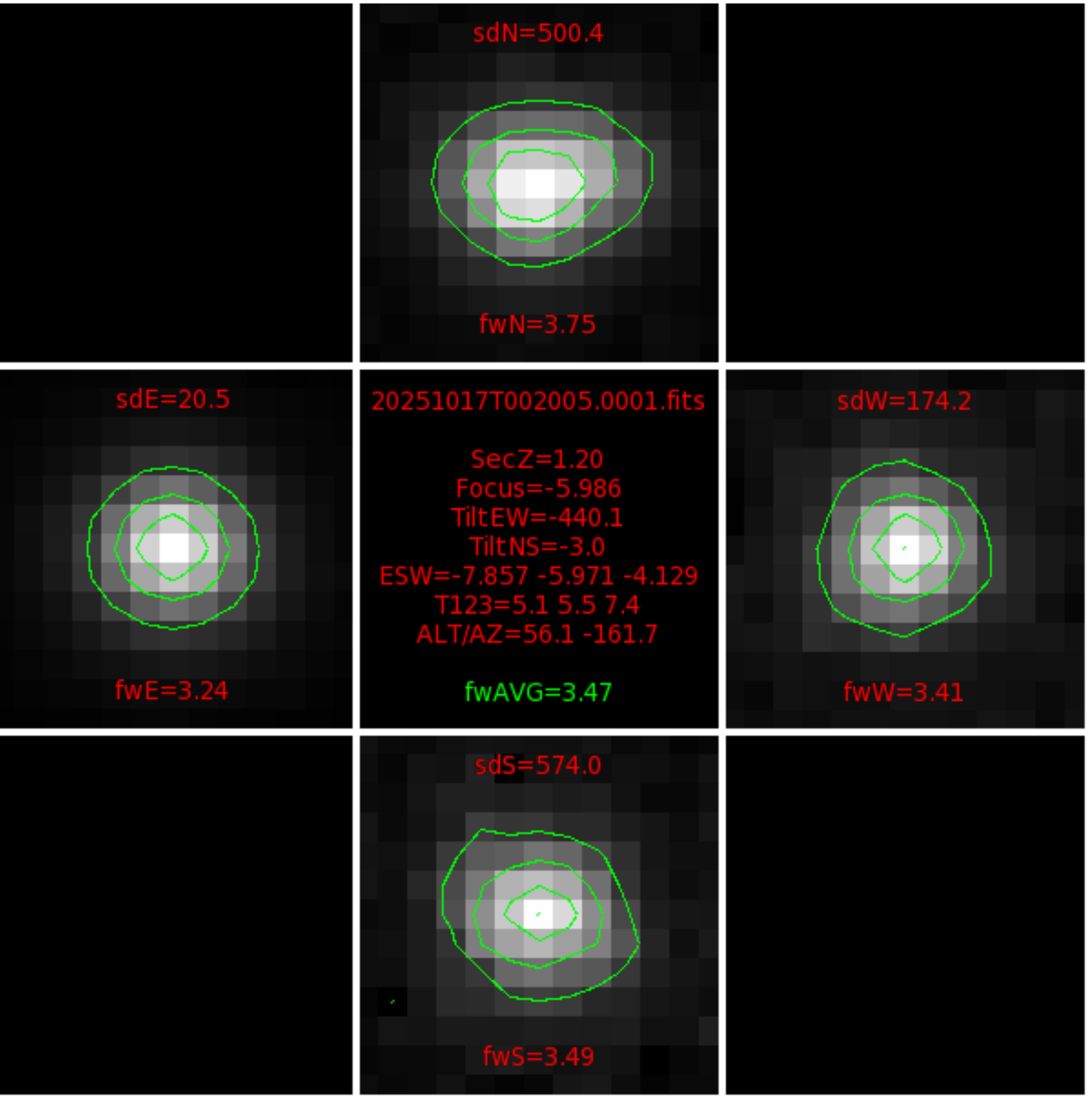
sdN=500.4
fwN=3.75
sdE=20.5
fwE=3.24
20251017T002005.0001.fits
SecZ=1.20
Focus=-5.986
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.857 -5.971 -4.129
T123=5.1 5.5 7.4
ALT/AZ=56.1 -161.7
fwAVG=3.47
sdW=174.2
fwW=3.41
sdS=574.0
fwS=3.49
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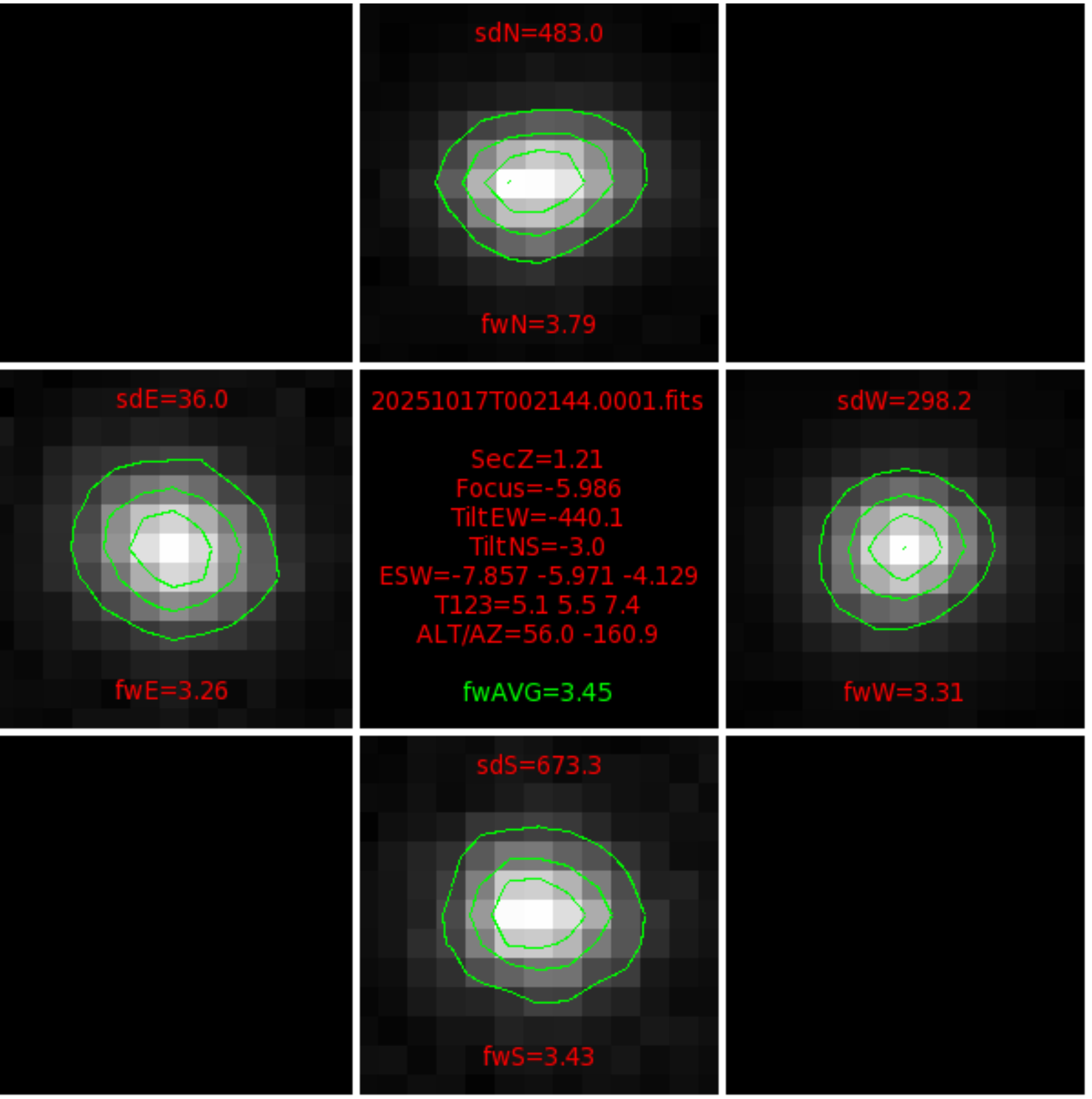
sdN=483.0
fwN=3.79
sdE=36.0
fwE=3.26
20251017T002144.0001.fits
SecZ=1.21
Focus=-5.986
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.857 -5.971 -4.129
T123=5.1 5.5 7.4
ALT/AZ=56.0 -160.9
fwAVG=3.45
sdW=298.2
fwW=3.31
sdS=673.3
fwS=3.43
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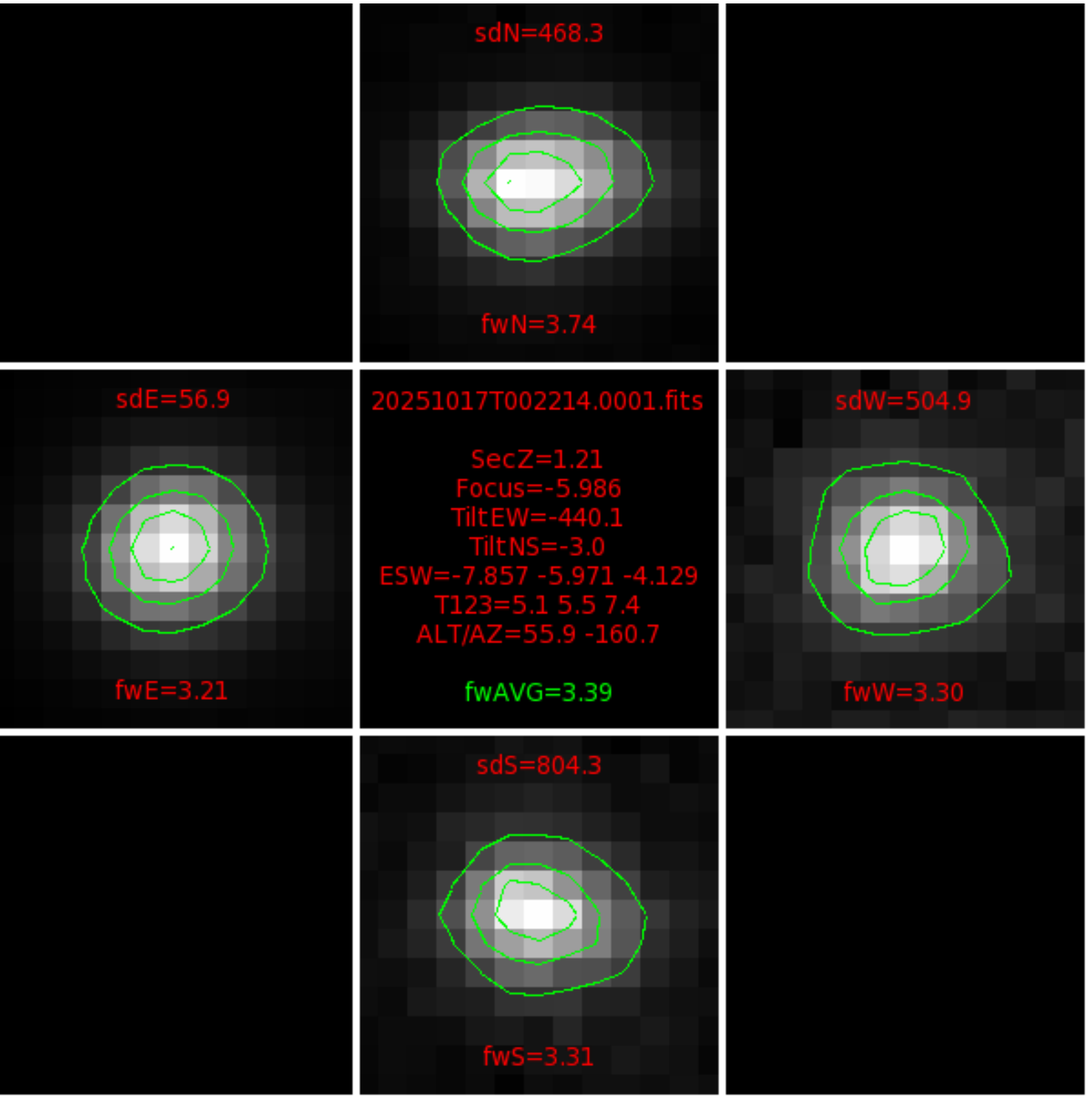
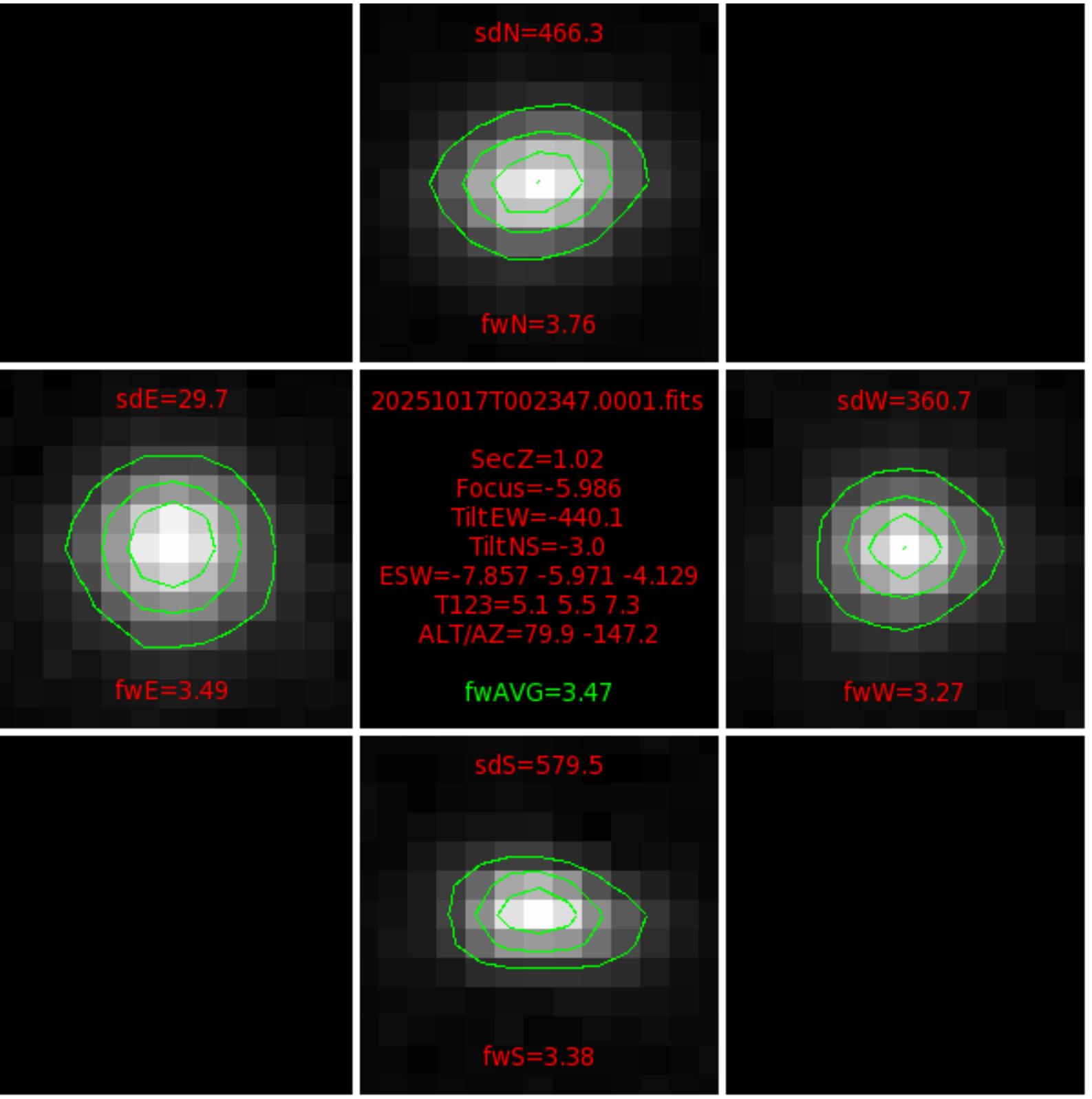

sdN=468.3
fwN=3.74
sdE=56.9
fwE=3.21
20251017T002214.0001.fits
SecZ=1.21
Focus=-5.986
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.857 -5.971 -4.129
T123=5.1 5.5 7.4
ALT/AZ=55.9 -160.7
fwAVG=3.39
sdW=504.9
fwW=3.30
sdS=804.3
fwS=3.31
0 0 0 0 0 0 0 0 0


sdN=466.3
fwN=3.76
sdE=29.7
fwE=3.49
20251017T002347.0001.fits
SecZ=1.02
Focus=-5.986
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.857 -5.971 -4.129
T123=5.1 5.5 7.3
ALT/AZ=79.9 -147.2
fwAVG=3.47
sdW=360.7
fwW=3.27
sdS=579.5
fwS=3.38
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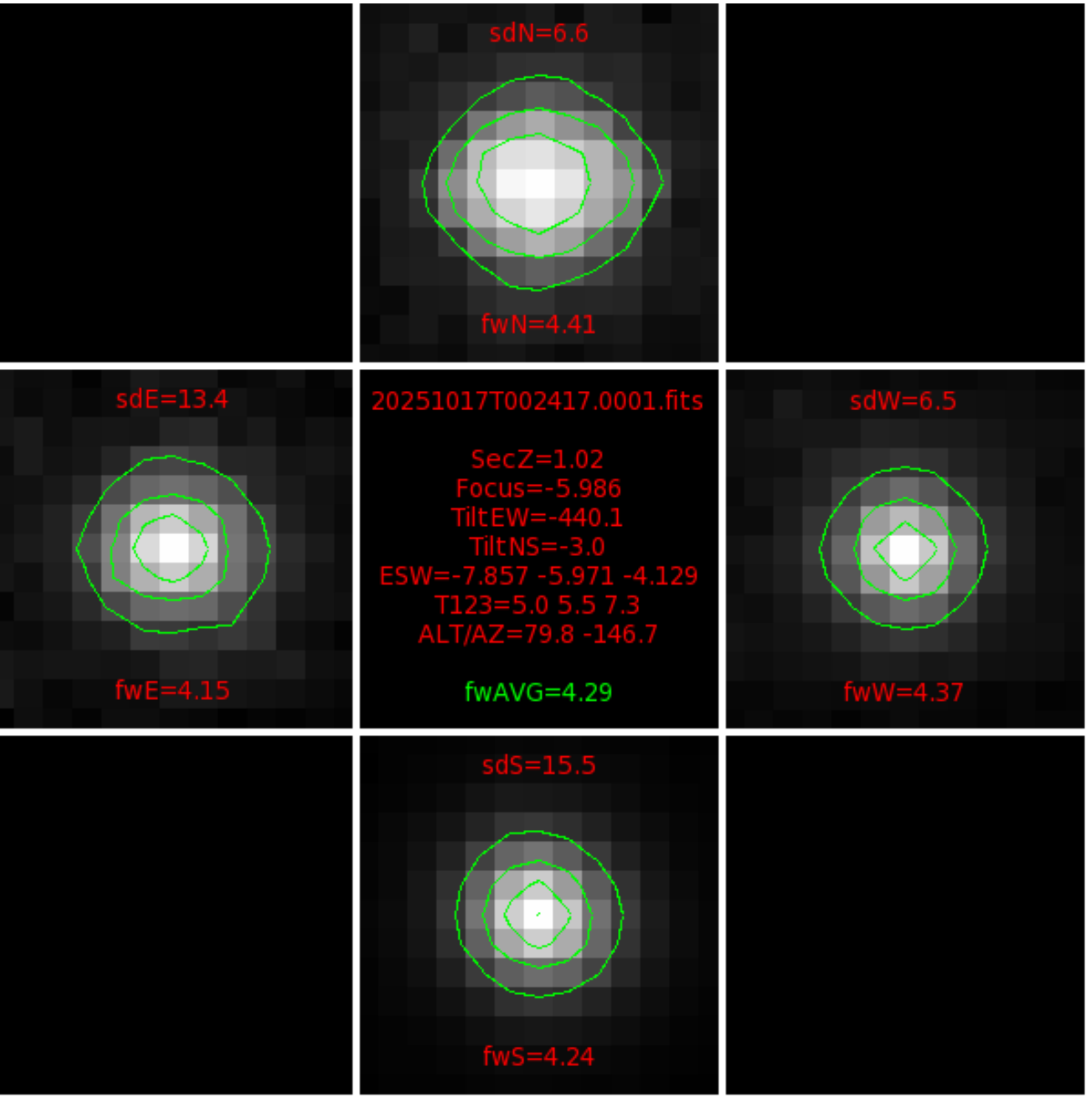
sdN=6.6
fwN=4.41
sdE=13.4
fwE=4.15
20251017T002417.0001.fits
SecZ=1.02
Focus=-5.986
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.857 -5.971 -4.129
T123=5.0 5.5 7.3
ALT/AZ=79.8 -146.7
fwAVG=4.29
sdW=6.5
fwW=4.37
sdS=15.5
fwS=4.24
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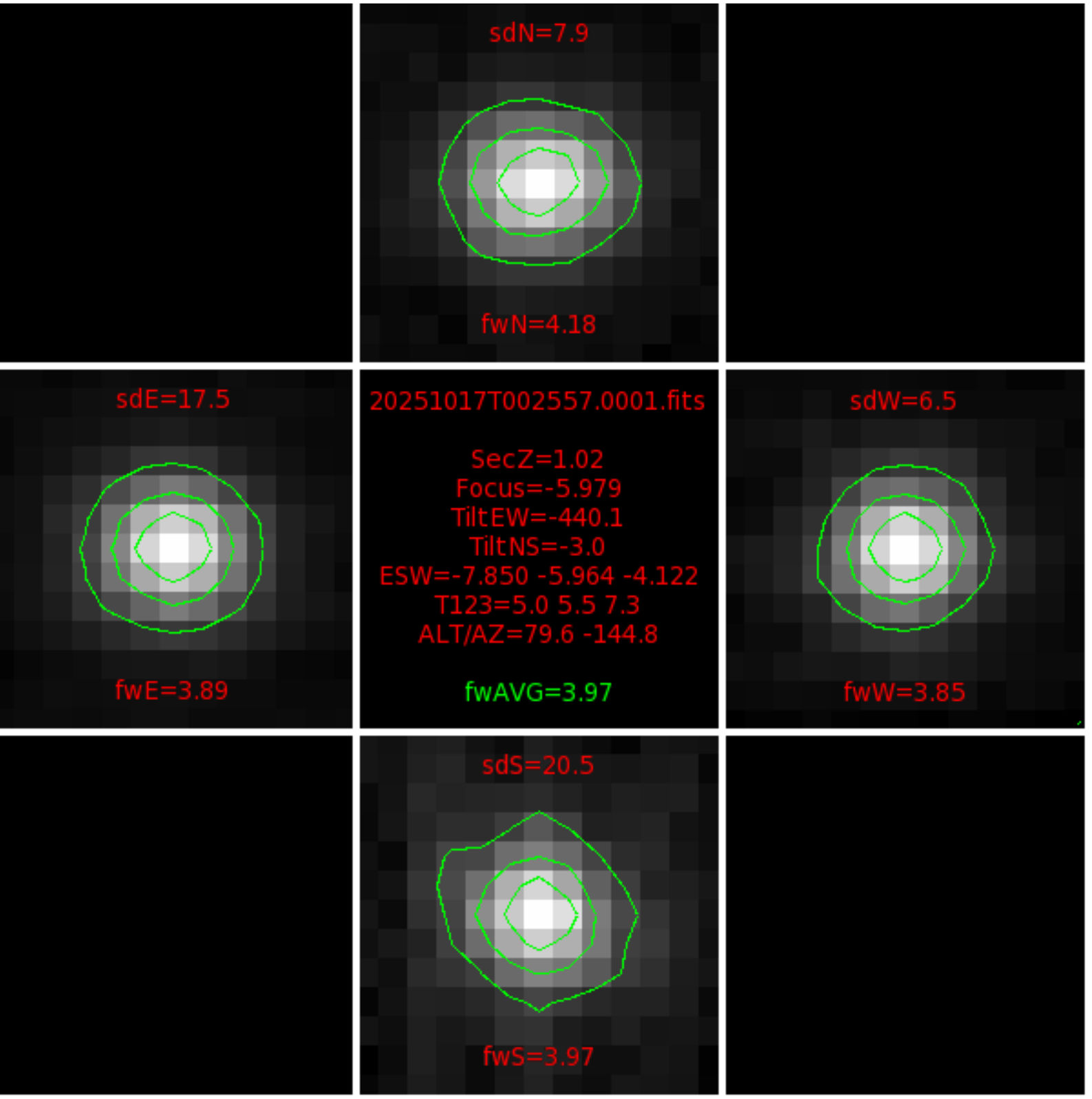
sdN=7.9
fwN=4.18
sdE=17.5
fwE=3.89
20251017T002557.0001.fits
SecZ=1.02
Focus=-5.979
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.850 -5.964 -4.122
T123=5.0 5.5 7.3
ALT/AZ=79.6 -144.8
fwAVG=3.97
sdW=6.5
fwW=3.85
sdS=20.5
fwS=3.97
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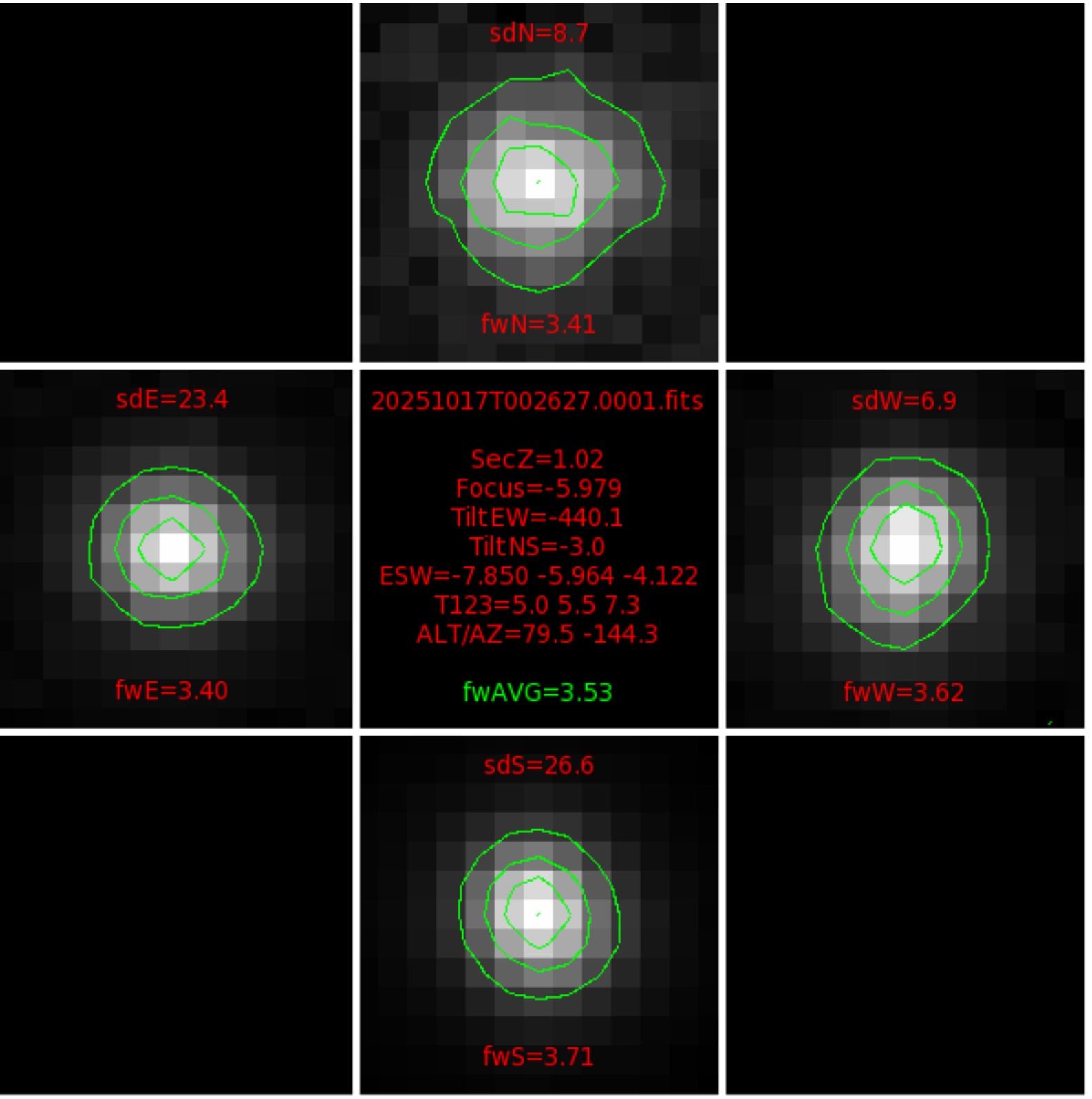
sdN=8.7
fwN=3.41
sdE=23.4
fwE=3.40
20251017T002627.0001.fits
SecZ=1.02
Focus=-5.979
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.850 -5.964 -4.122
T123=5.0 5.5 7.3
ALT/AZ=79.5 -144.3
fwAVG=3.53
sdW=6.9
fwW=3.62
sdS=26.6
fwS=3.71
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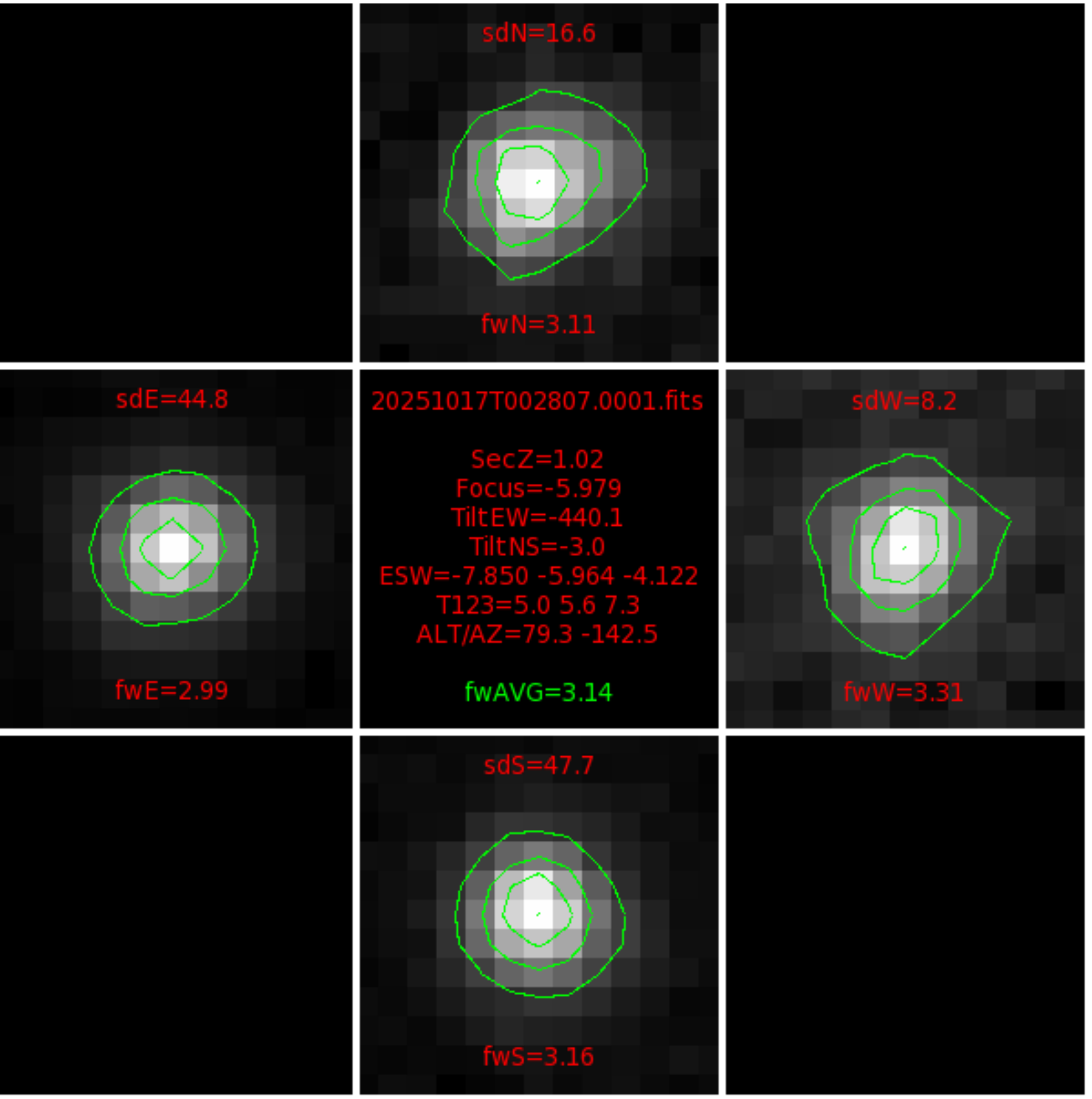
sdN=16.6
fwN=3.11
sdE=44.8
fwE=2.99
20251017T002807.0001.fits
SecZ=1.02
Focus=-5.979
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.850 -5.964 -4.122
T123=5.0 5.6 7.3
ALT/AZ=79.3 -142.5
fwAVG=3.14
sdW=8.2
fwW=3.31
sdS=47.7
fwS=3.16
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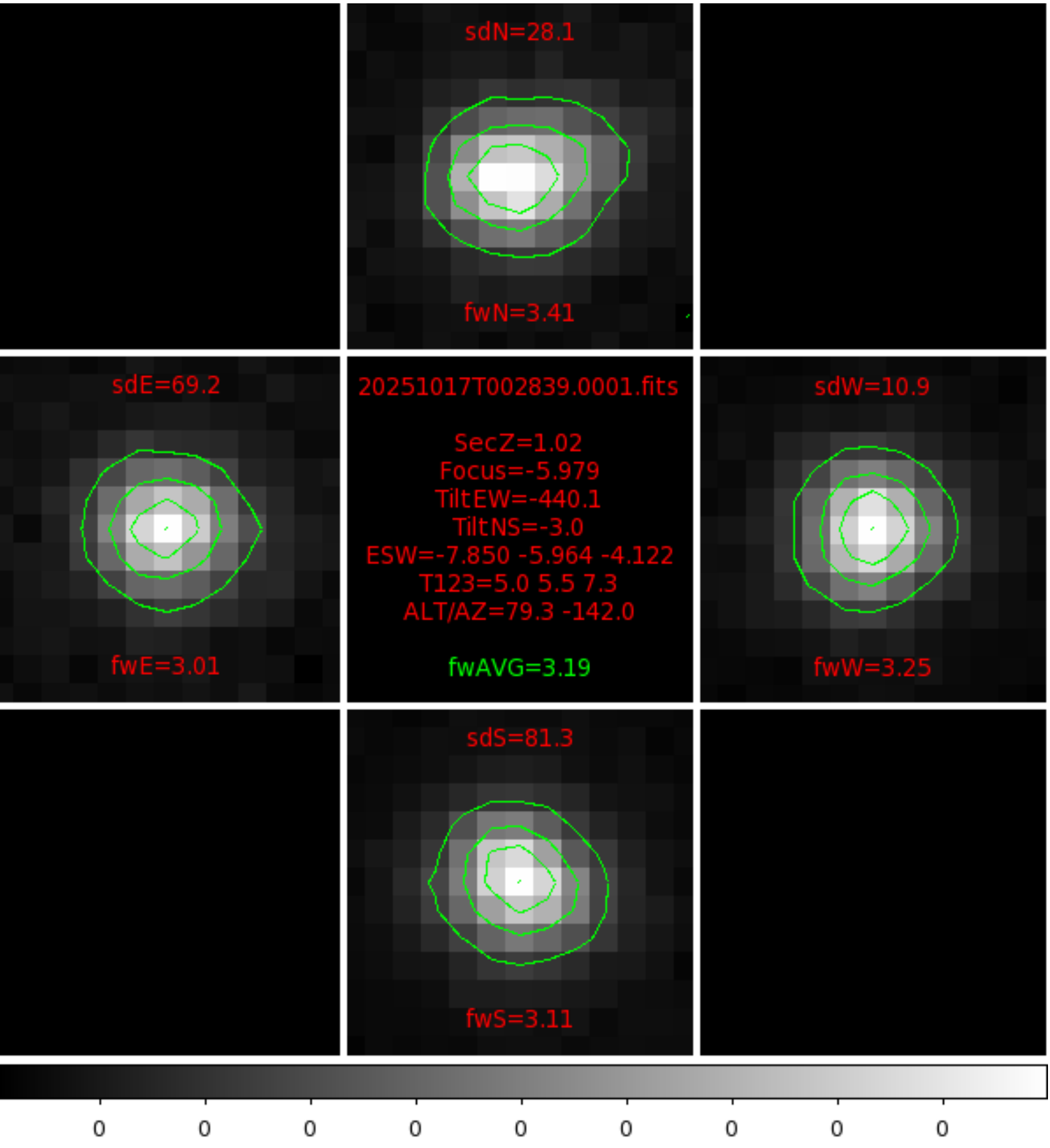
sdN=28.1
fwN=3.41
sdE=69.2
fwE=3.01
20251017T002839.0001.fits
SecZ=1.02
Focus=-5.979
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.850 -5.964 -4.122
T123=5.0 5.5 7.3
ALT/AZ=79.3 -142.0
fwAVG=3.19
sdW=10.9
fwW=3.25
sdS=81.3
fwS=3.11
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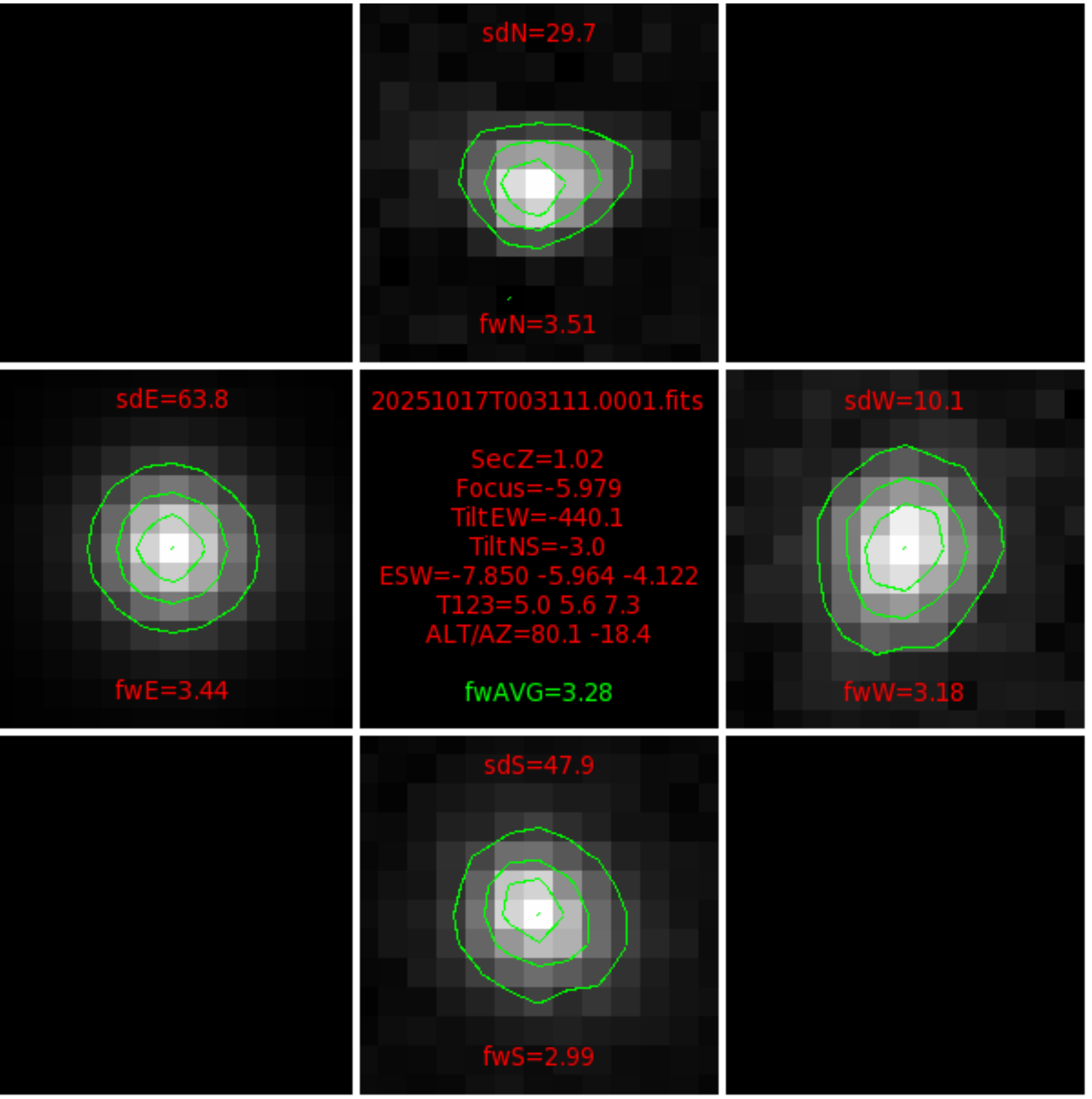
sdN=29.7
fwN=3.51
sdE=63.8
fwE=3.44
20251017T003111.0001.fits
SecZ=1.02
Focus=-5.979
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.850 -5.964 -4.122
T123=5.0 5.6 7.3
ALT/AZ=80.1 -18.4
fwAVG=3.28
sdW=10.1
fwW=3.18
sdS=47.9
fwS=2.99
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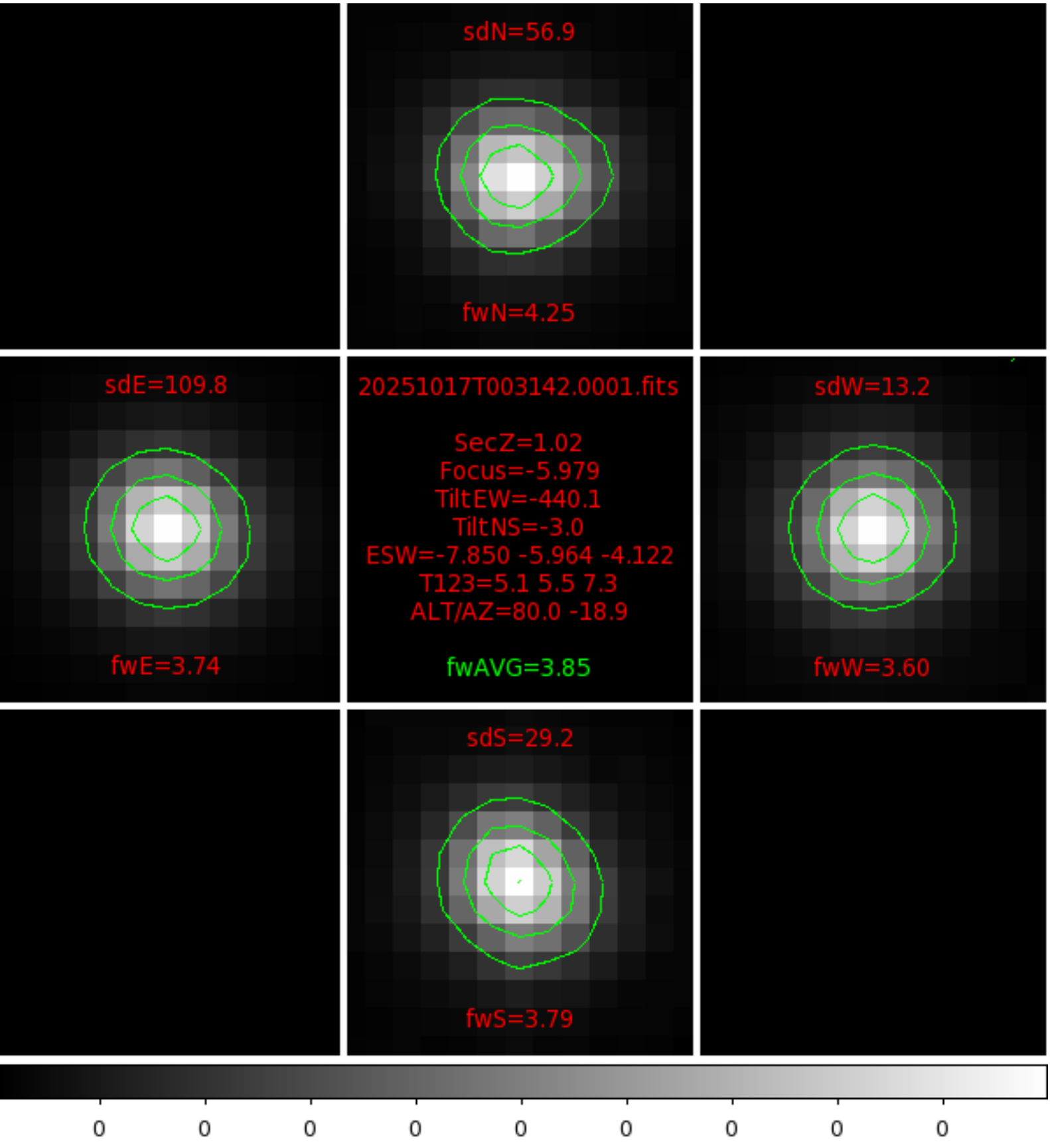
sdN=56.9
fwN=4.25
sdE=109.8
fwE=3.74
20251017T003142.0001.fits
SecZ=1.02
Focus=-5.979
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.850 -5.964 -4.122
T123=5.1 5.5 7.3
ALT/AZ=80.0 -18.9
fwAVG=3.85
sdW=13.2
fwW=3.60
sdS=29.2
fwS=3.79
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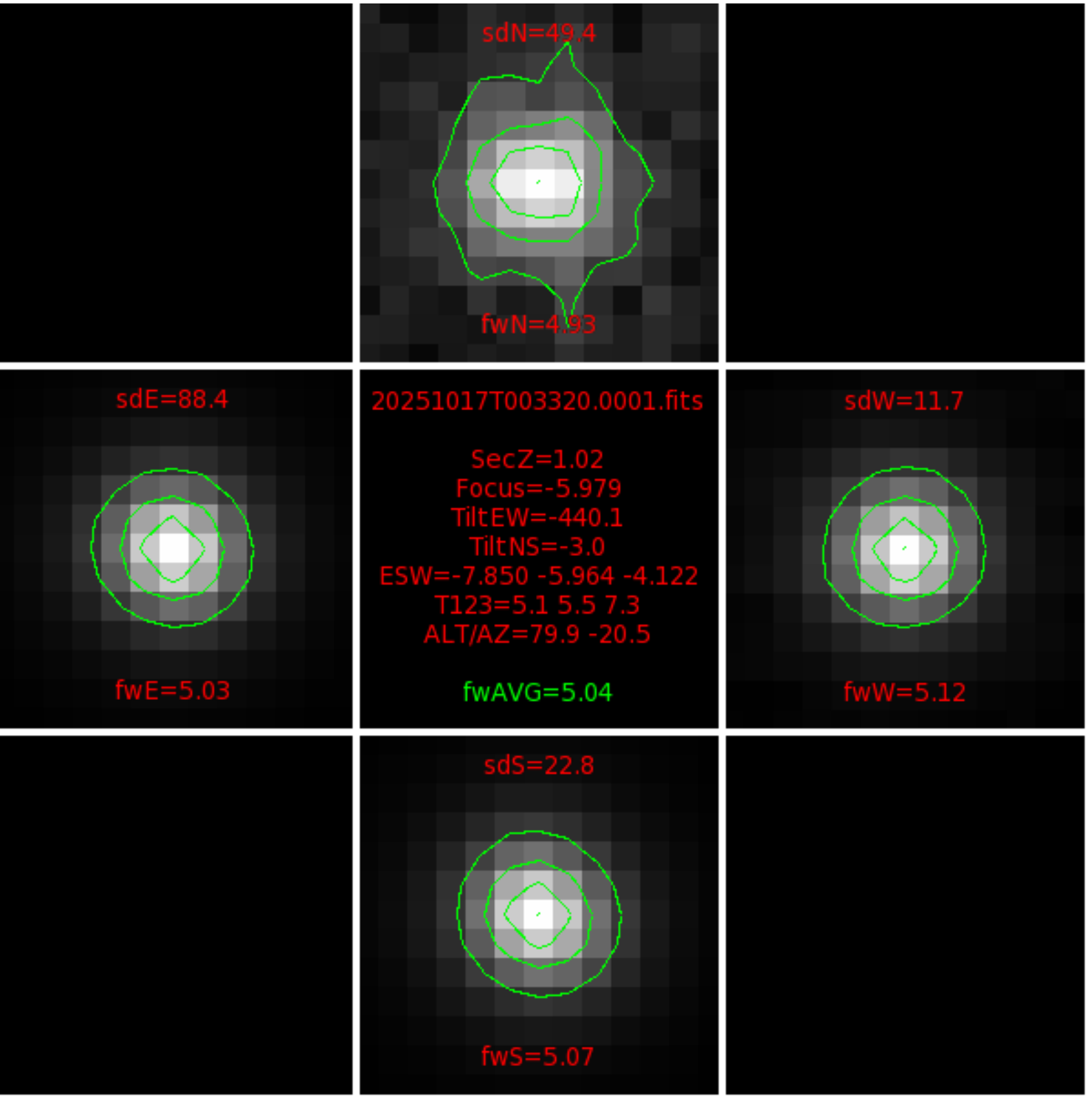
sdN=49.4
fwN=4.93
sdE=88.4
fwE=5.03
20251017T003320.0001.fits
SecZ=1.02
Focus=-5.979
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.850 -5.964 -4.122
T123=5.1 5.5 7.3
ALT/AZ=79.9 -20.5
fwAVG=5.04
sdW=11.7
fwW=5.12
sdS=22.8
fwS=5.07
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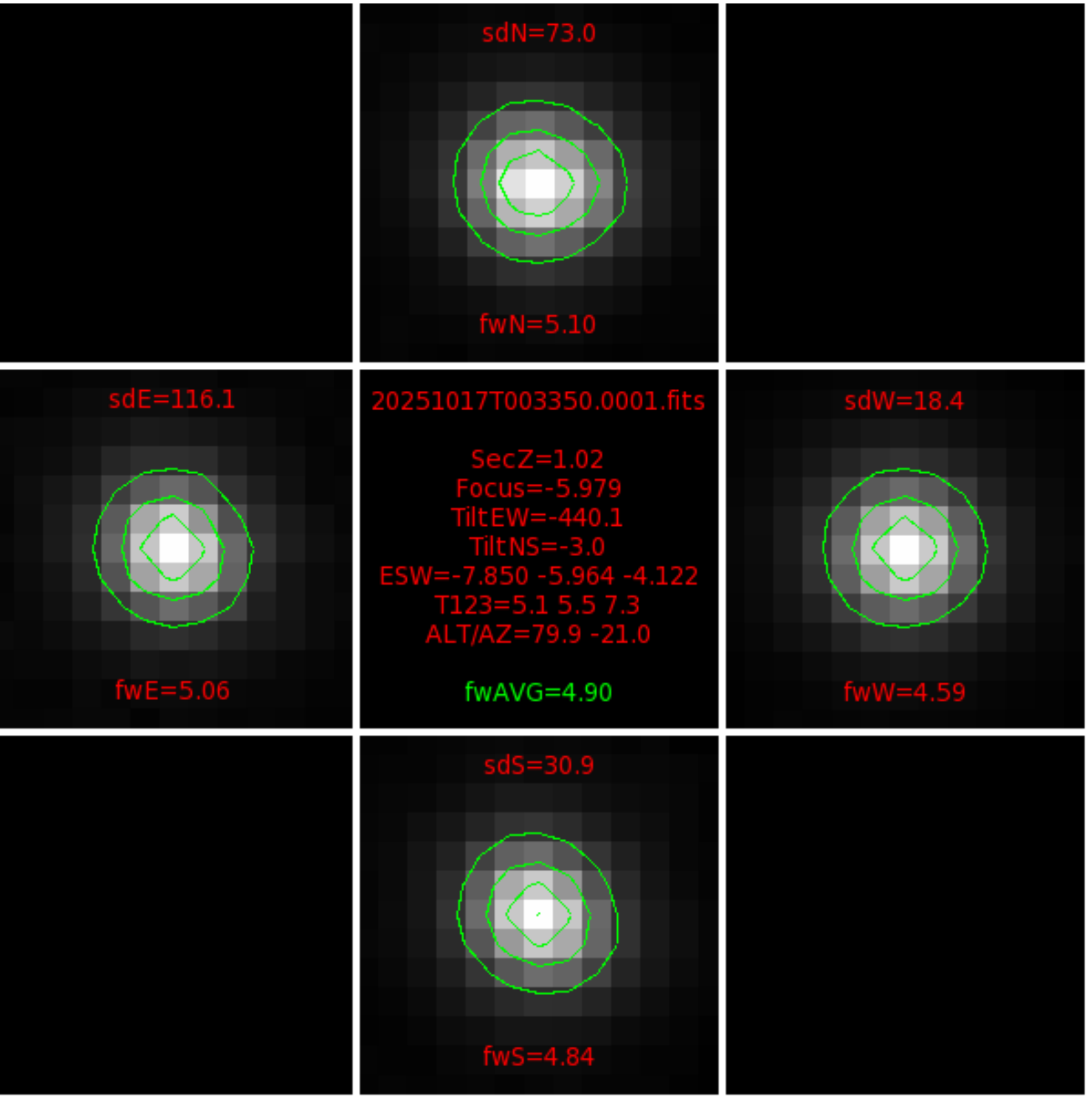
sdN=73.0
fwN=5.10
sdE=116.1
fwE=5.06
20251017T003350.0001.fits
SecZ=1.02
Focus=-5.979
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.850 -5.964 -4.122
T123=5.1 5.5 7.3
ALT/AZ=79.9 -21.0
fwAVG=4.90
sdW=18.4
fwW=4.59
sdS=30.9
fwS=4.84
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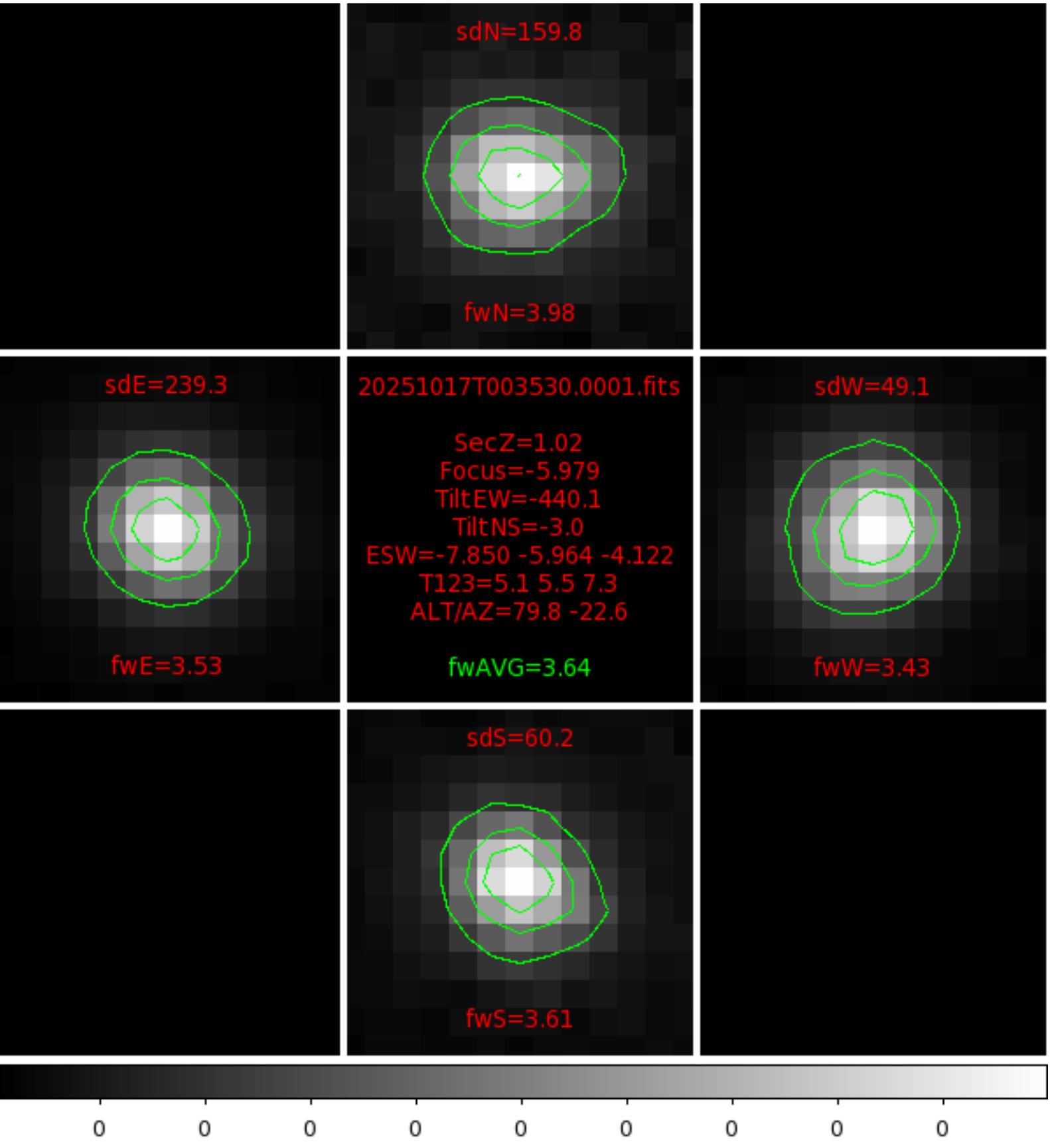
sdN=159.8
fwN=3.98
sdE=239.3
fwE=3.53
20251017T003530.0001.fits
SecZ=1.02
Focus=-5.979
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.850 -5.964 -4.122
T123=5.1 5.5 7.3
ALT/AZ=79.8 -22.6
fwAVG=3.64
sdW=49.1
fwW=3.43
sdS=60.2
fwS=3.61
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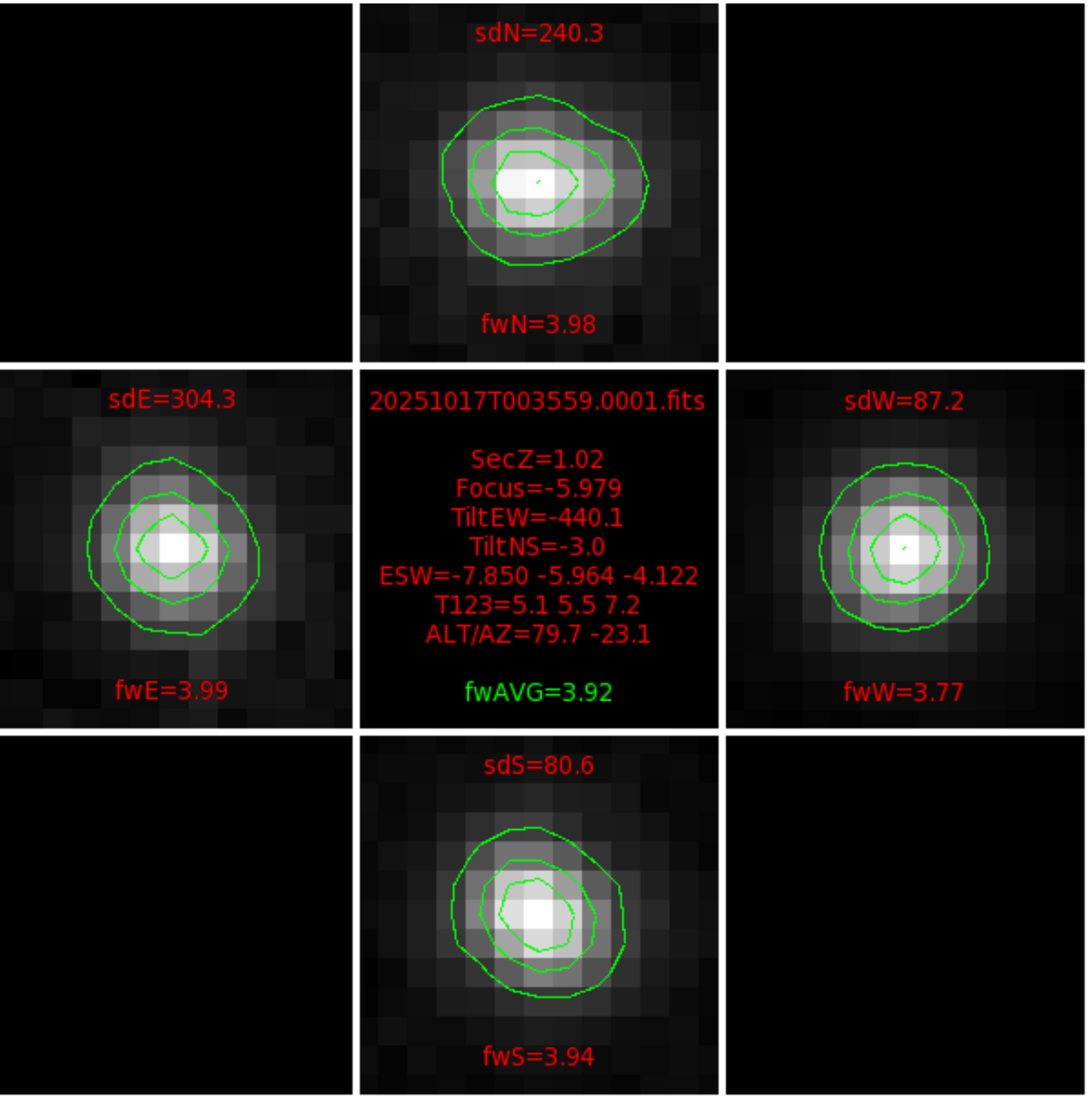
sdN=240.3
fwN=3.98
sdE=304.3
fwE=3.99
20251017T003559.0001.fits
SecZ=1.02
Focus=-5.979
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.850 -5.964 -4.122
T123=5.1 5.5 7.2
ALT/AZ=79.7 -23.1
fwAVG=3.92
sdW=87.2
fwW=3.77
sdS=80.6
fwS=3.94
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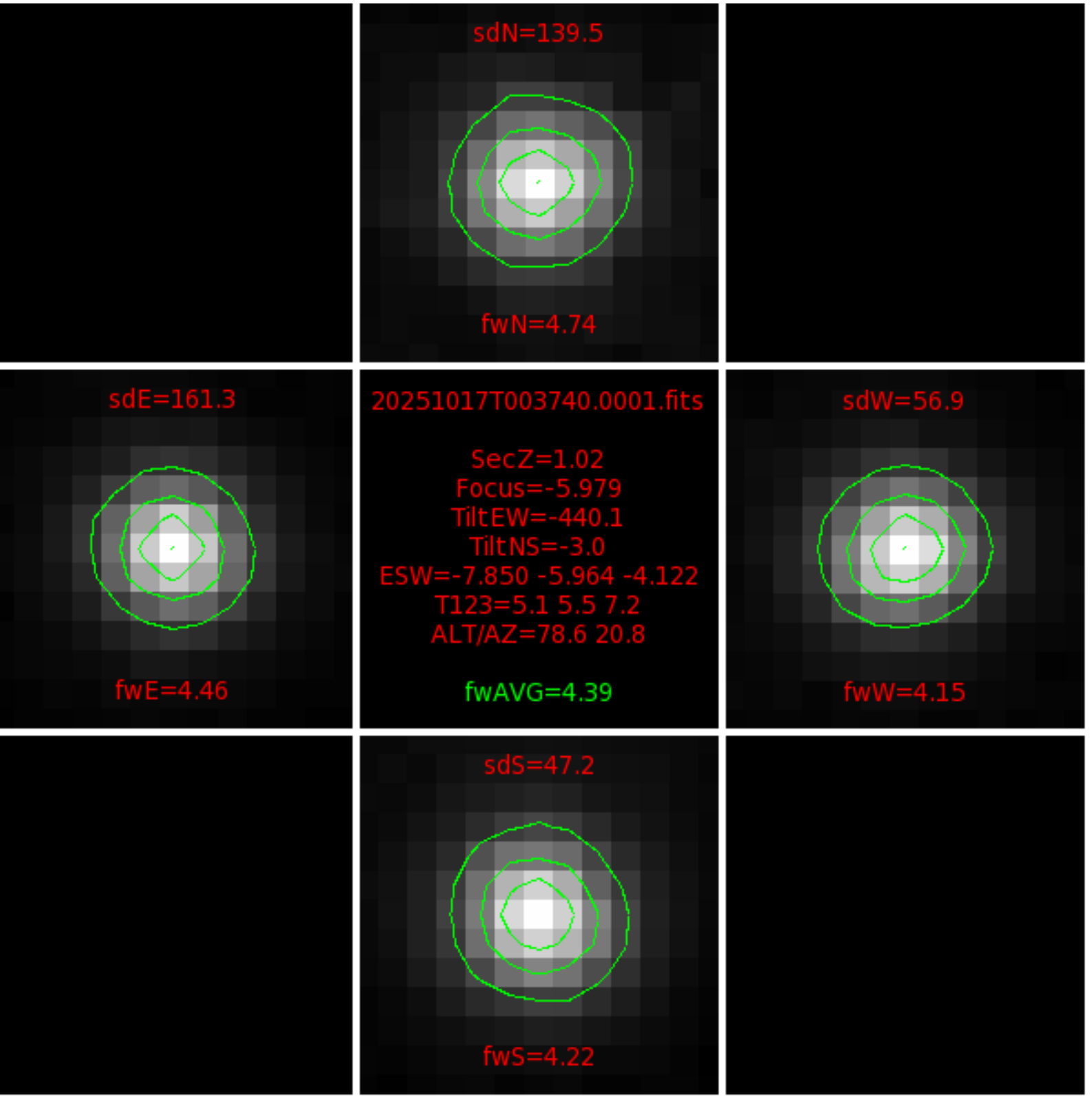
sdN=139.5
fwN=4.74
sdE=161.3
fwE=4.46
20251017T003740.0001.fits
SecZ=1.02
Focus=-5.979
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.850 -5.964 -4.122
T123=5.1 5.5 7.2
ALT/AZ=78.6 20.8
fwAVG=4.39
sdW=56.9
fwW=4.15
sdS=47.2
fwS=4.22
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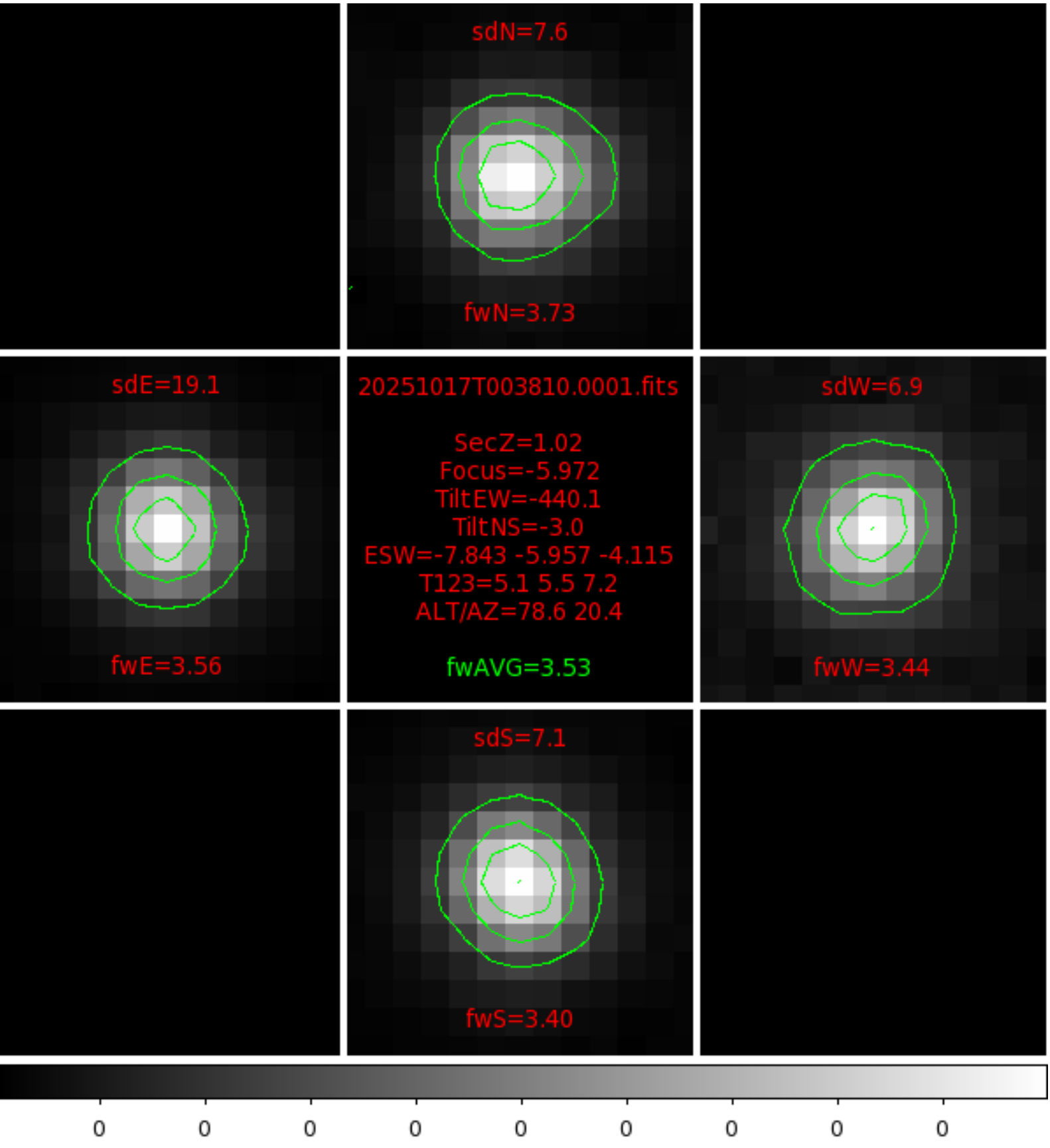
sdN=7.6
fwN=3.73
sdE=19.1
fwE=3.56
20251017T003810.0001.fits
SecZ=1.02
Focus=-5.972
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.843 -5.957 -4.115
T123=5.1 5.5 7.2
ALT/AZ=78.6 20.4
fwAVG=3.53
sdW=6.9
fwW=3.44
sdS=7.1
fwS=3.40
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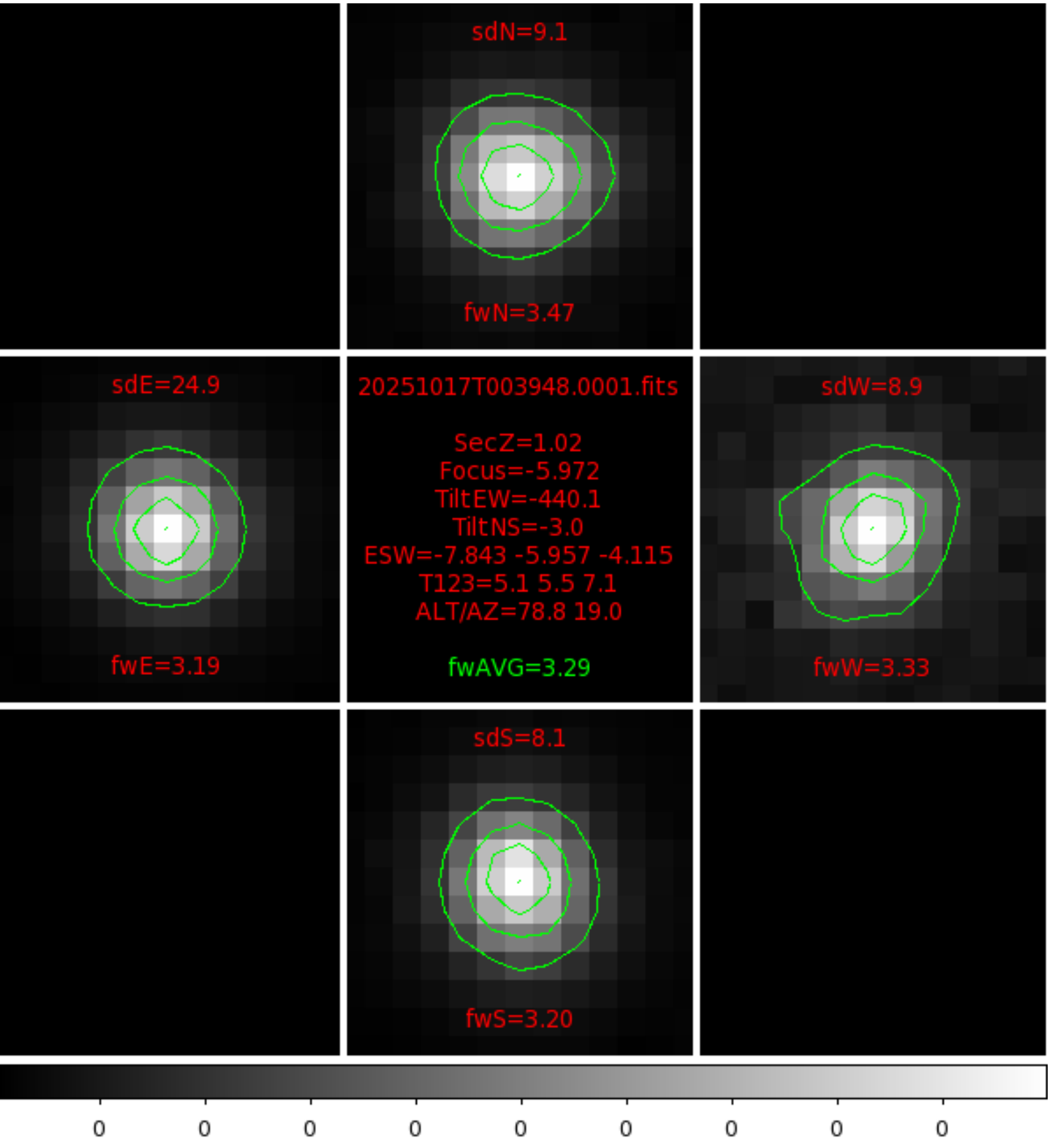
sdN=9.1
fwN=3.47
sdE=24.9
fwE=3.19
20251017T003948.0001.fits
SecZ=1.02
Focus=-5.972
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.843 -5.957 -4.115
T123=5.1 5.5 7.1
ALT/AZ=78.8 19.0
fwAVG=3.29
sdW=8.9
fwW=3.33
sdS=8.1
fwS=3.20
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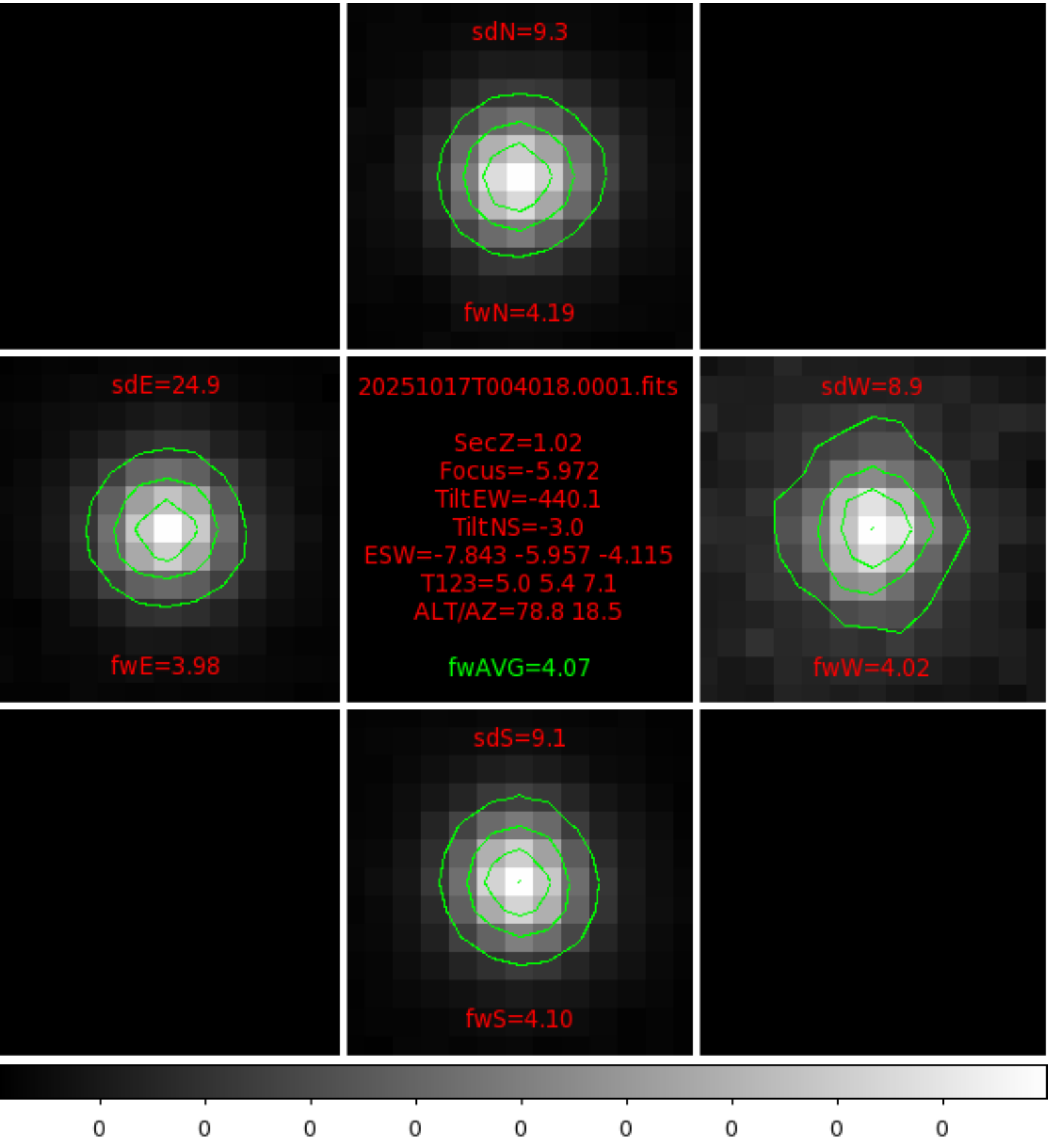
sdN=9.3
fwN=4.19
sdE=24.9
fwE=3.98
20251017T004018.0001.fits
SecZ=1.02
Focus=-5.972
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.843 -5.957 -4.115
T123=5.0 5.4 7.1
ALT/AZ=78.8 18.5
fwAVG=4.07
sdW=8.9
fwW=4.02
sdS=9.1
fwS=4.10
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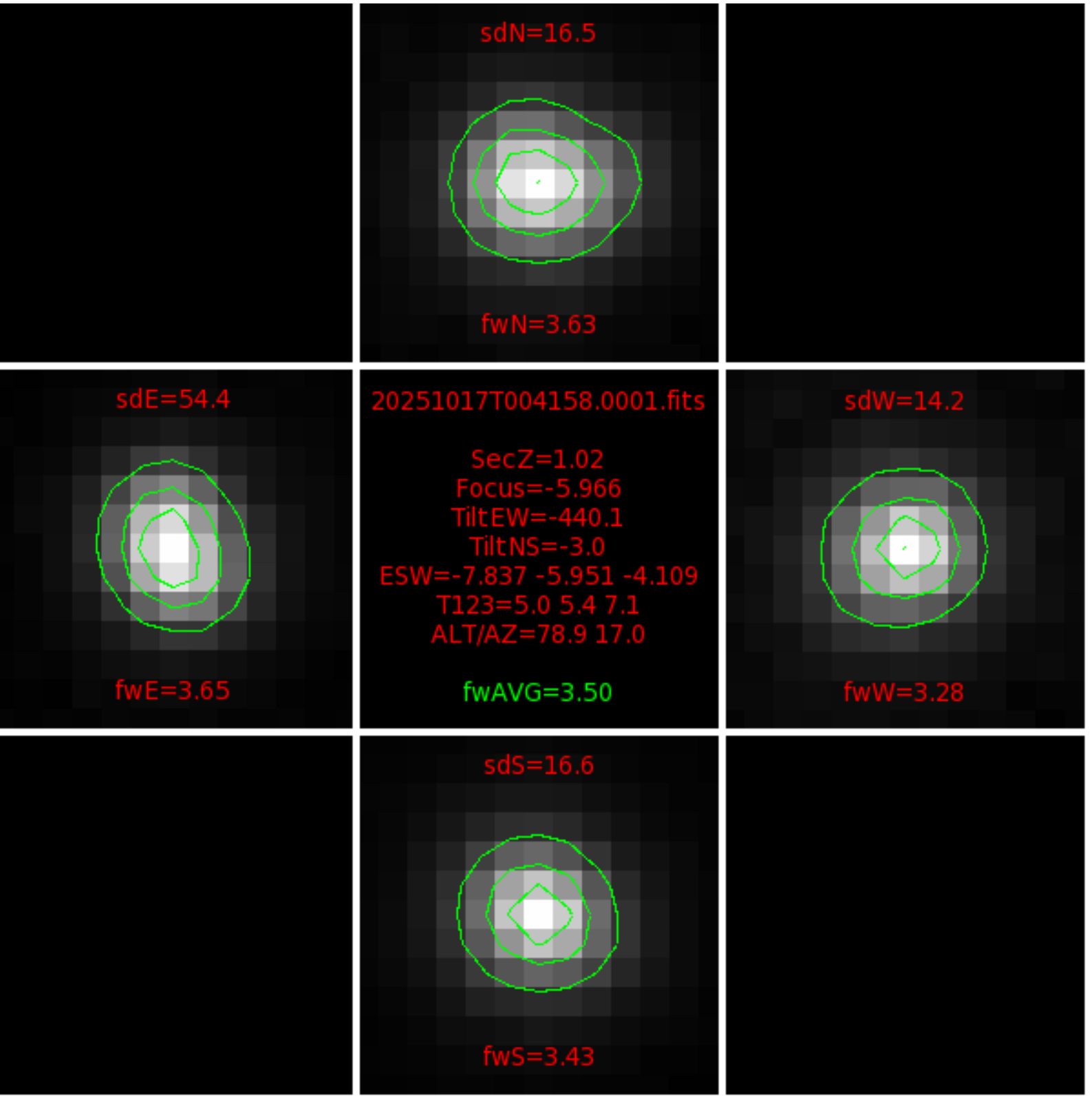
sdN=16.5
fwN=3.63
sdE=54.4
fwE=3.65
20251017T004158.0001.fits
SecZ=1.02
Focus=-5.966
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.837 -5.951 -4.109
T123=5.0 5.4 7.1
ALT/AZ=78.9 17.0
fwAVG=3.50
sdW=14.2
fwW=3.28
sdS=16.6
fwS=3.43
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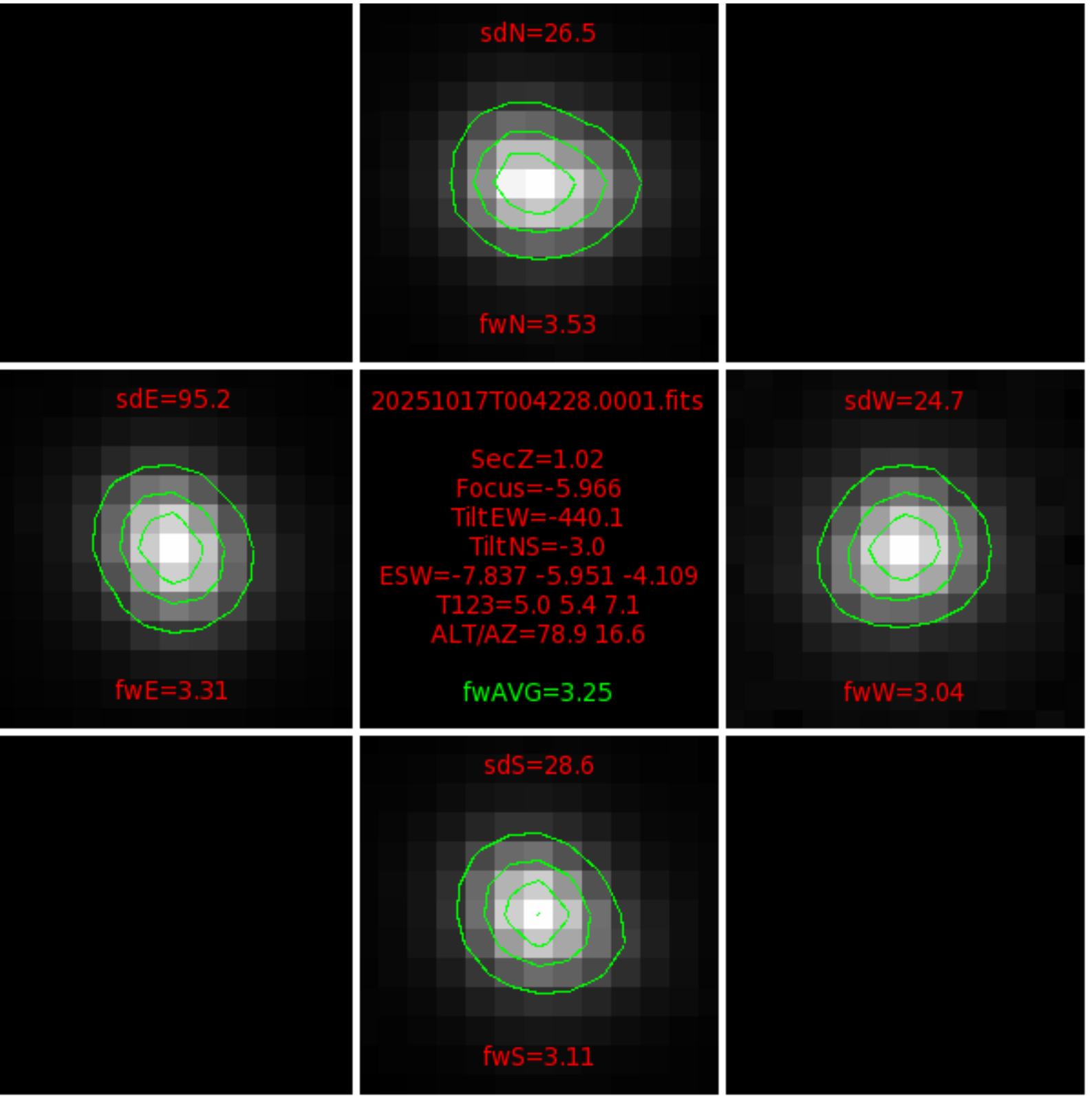
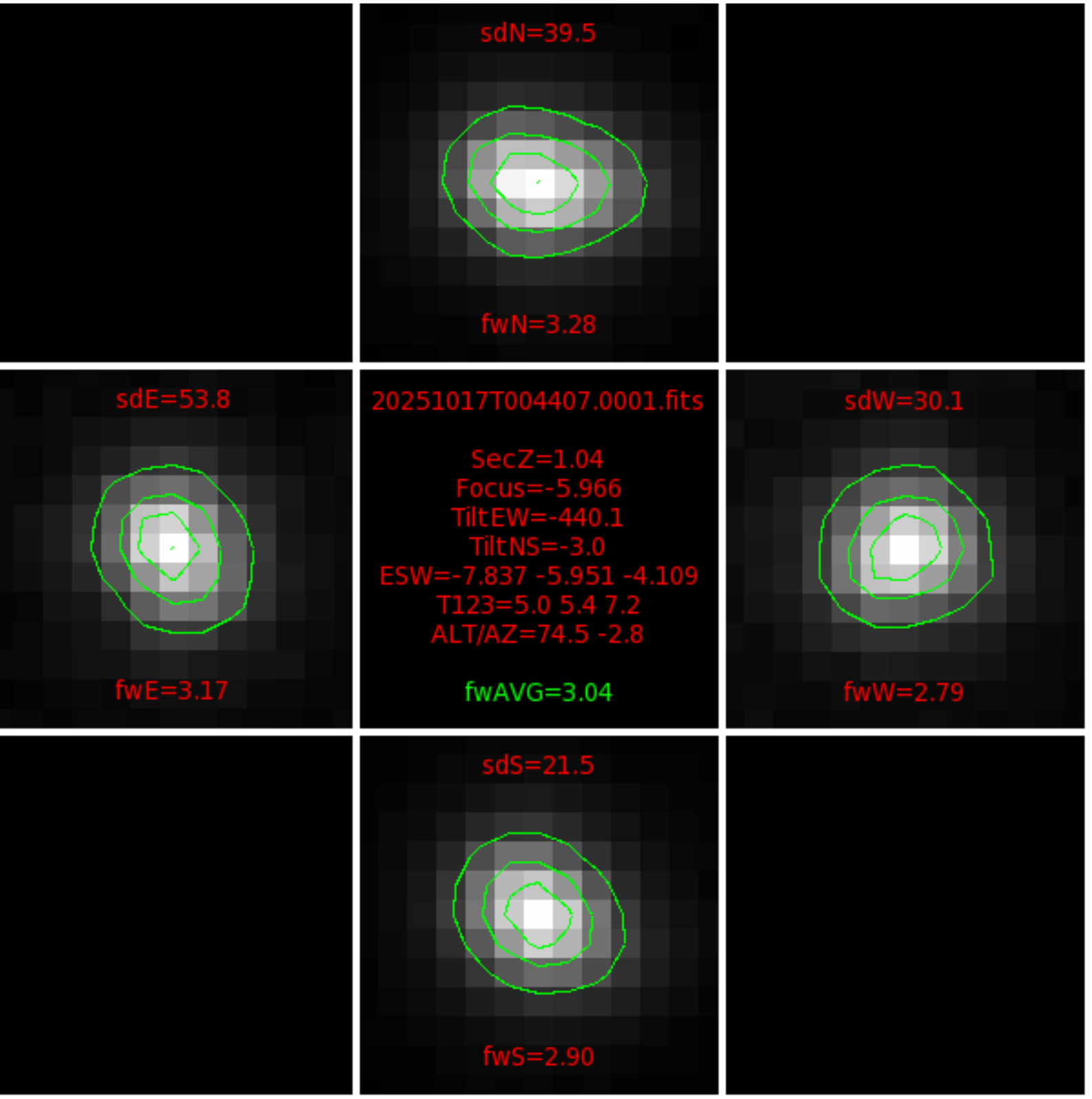

sdN=26.5
fwN=3.53
sdE=95.2
fwE=3.31
20251017T004228.0001.fits
SecZ=1.02
Focus=-5.966
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.837 -5.951 -4.109
T123=5.0 5.4 7.1
ALT/AZ=78.9 16.6
fwAVG=3.25
sdW=24.7
fwW=3.04
sdS=28.6
fwS=3.11
0 0 0 0 0 0 0 0 0


sdN=39.5
fwN=3.28
sdE=53.8
fwE=3.17
20251017T004407.0001.fits
SecZ=1.04
Focus=-5.966
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.837 -5.951 -4.109
T123=5.0 5.4 7.2
ALT/AZ=74.5 -2.8
fwAVG=3.04
sdW=30.1
fwW=2.79
sdS=21.5
fwS=2.90
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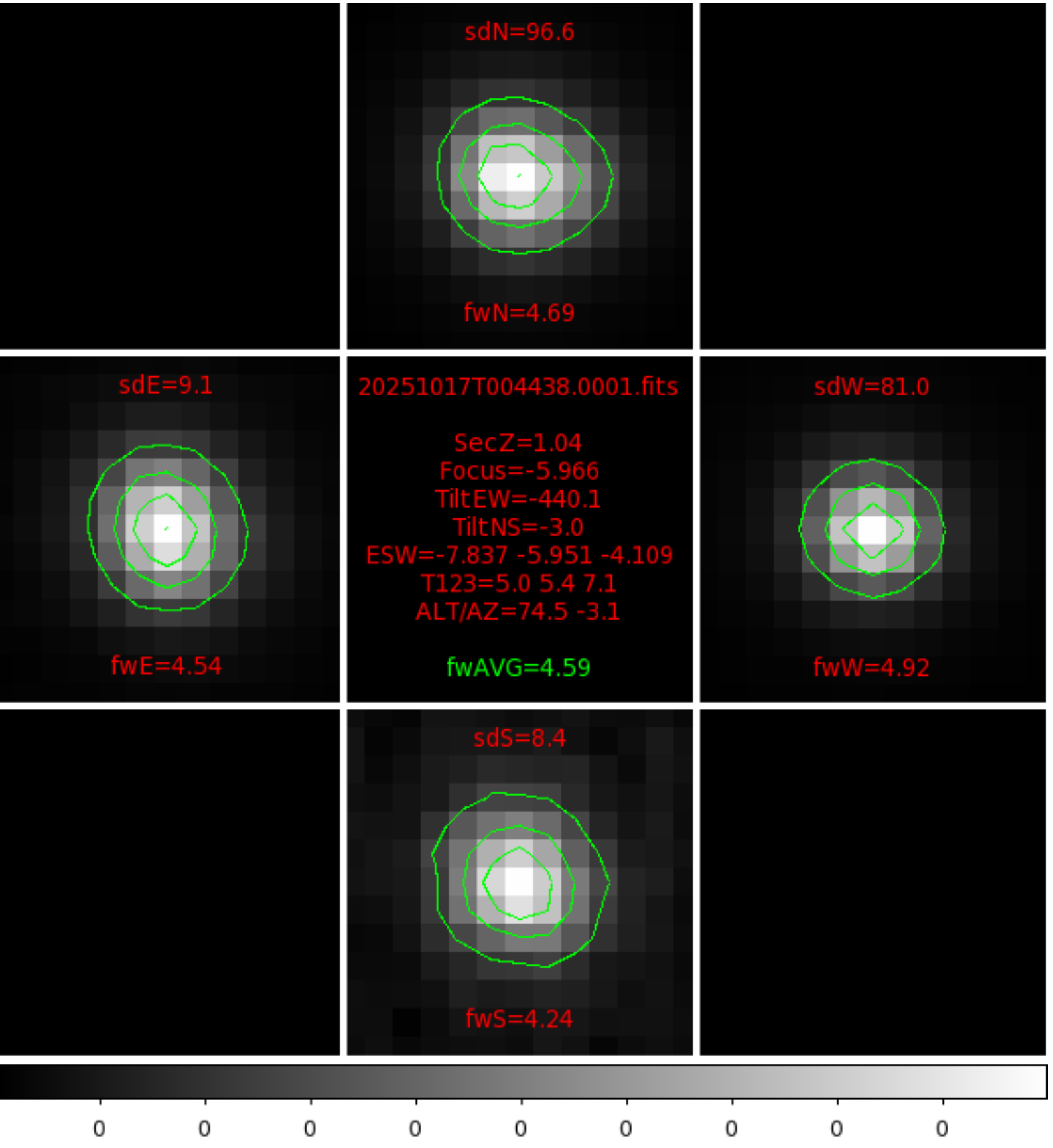
sdN=96.6
fwN=4.69
sdE=9.1
fwE=4.54
20251017T004438.0001.fits
SecZ=1.04
Focus=-5.966
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.837 -5.951 -4.109
T123=5.0 5.4 7.1
ALT/AZ=74.5 -3.1
fwAVG=4.59
sdW=81.0
fwW=4.92
sdS=8.4
fwS=4.24
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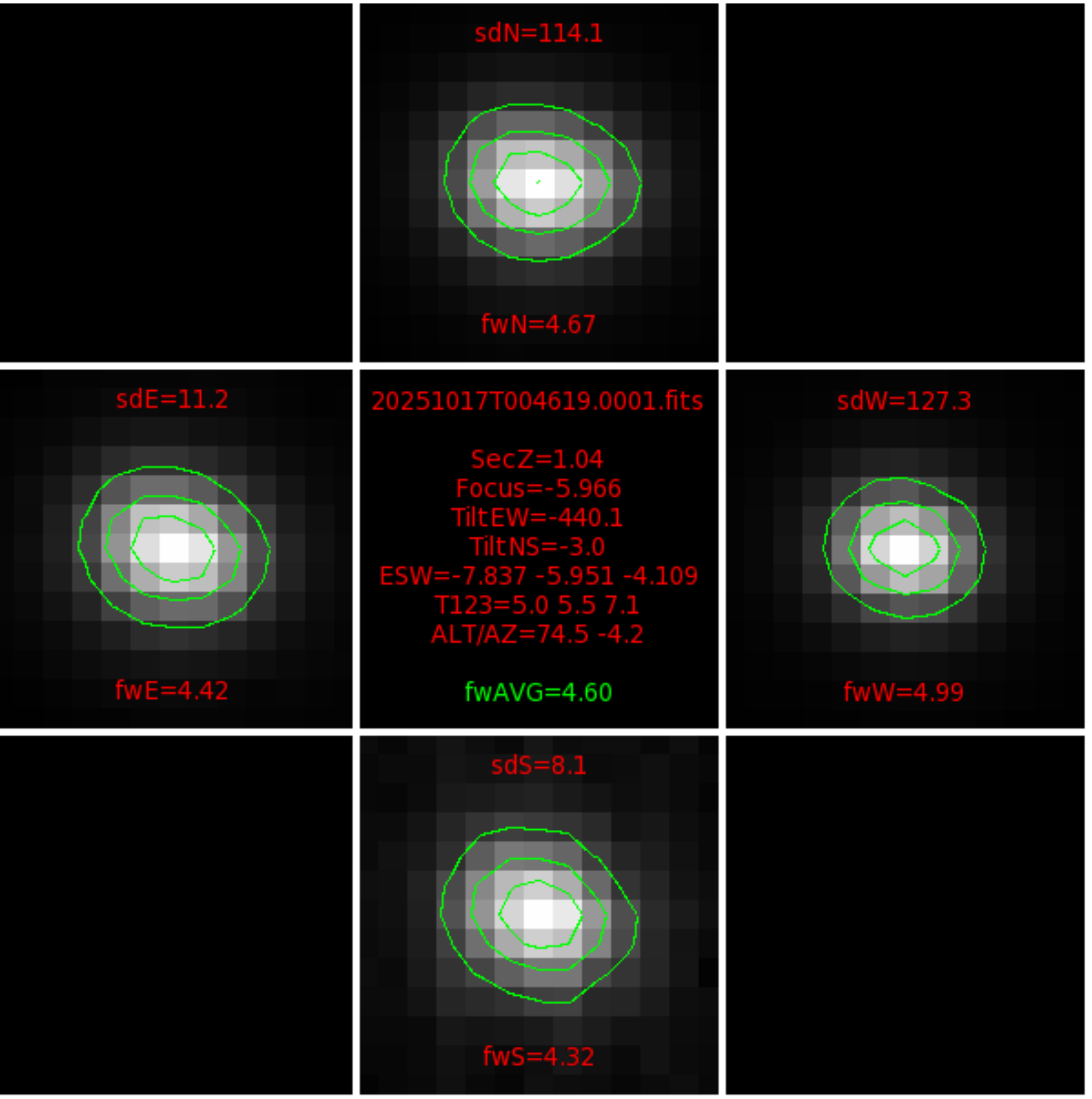
sdN=114.1
fwN=4.67
sdE=11.2
fwE=4.42
20251017T004619.0001.fits
SecZ=1.04
Focus=-5.966
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.837 -5.951 -4.109
T123=5.0 5.5 7.1
ALT/AZ=74.5 -4.2
fwAVG=4.60
sdW=127.3
fwW=4.99
sdS=8.1
fwS=4.32
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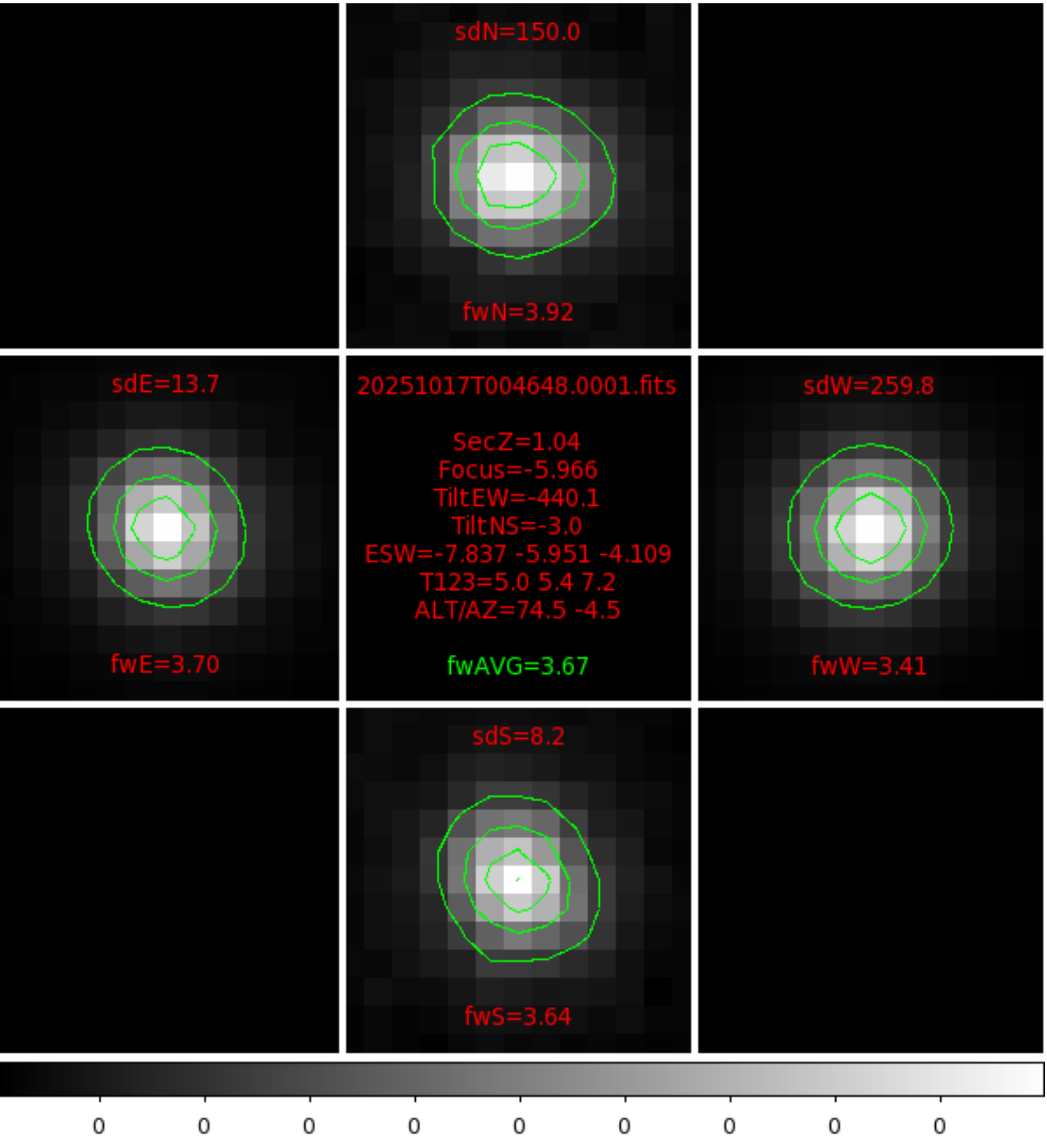
sdN=150.0
fwN=3.92
sdE=13.7
fwE=3.70
20251017T004648.0001.fits
SecZ=1.04
Focus=-5.966
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.837 -5.951 -4.109
T123=5.0 5.4 7.2
ALT/AZ=74.5 -4.5
fwAVG=3.67
sdW=259.8
fwW=3.41
sdS=8.2
fwS=3.64
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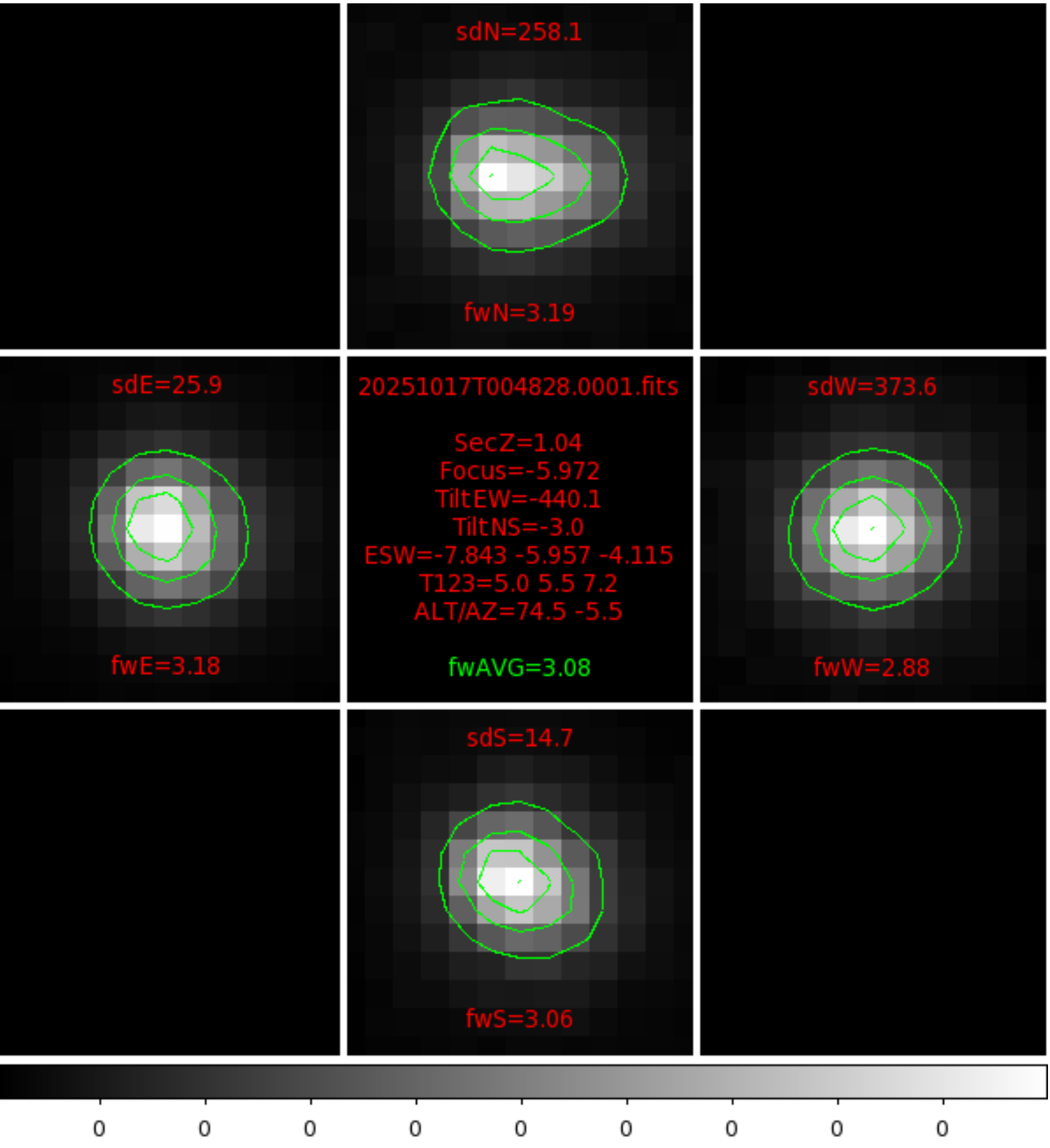
sdN=258.1
fwN=3.19
sdE=25.9
fwE=3.18
20251017T004828.0001.fits
SecZ=1.04
Focus=-5.972
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.843 -5.957 -4.115
T123=5.0 5.5 7.2
ALT/AZ=74.5 -5.5
fwAVG=3.08
sdW=373.6
fwW=2.88
sdS=14.7
fwS=3.06
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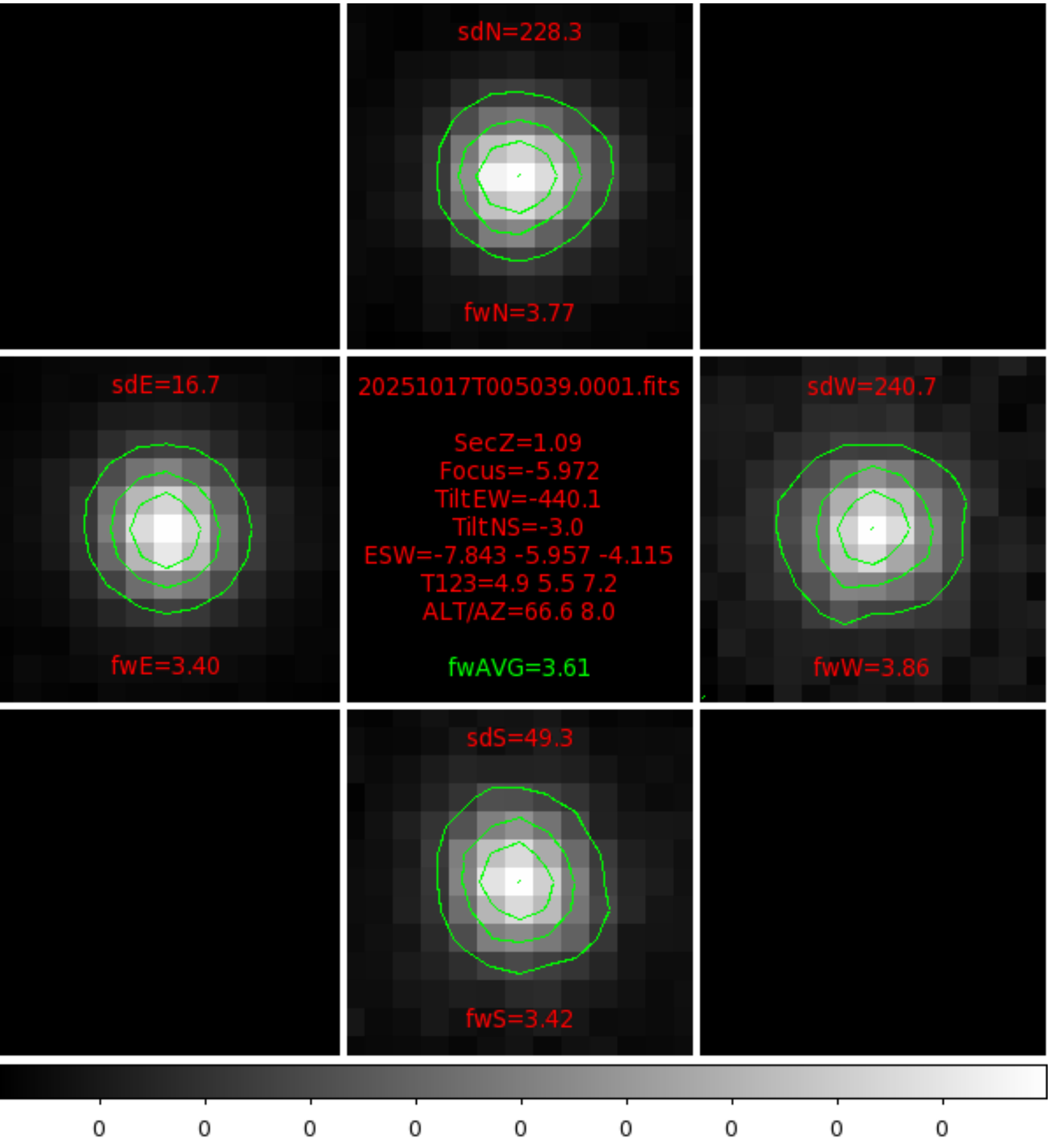
sdN=228.3
fwN=3.77
sdE=16.7
fwE=3.40
20251017T005039.0001.fits
SecZ=1.09
Focus=-5.972
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.843 -5.957 -4.115
T123=4.9 5.5 7.2
ALT/AZ=66.6 8.0
fwAVG=3.61
sdW=240.7
fwW=3.86
sdS=49.3
fwS=3.42
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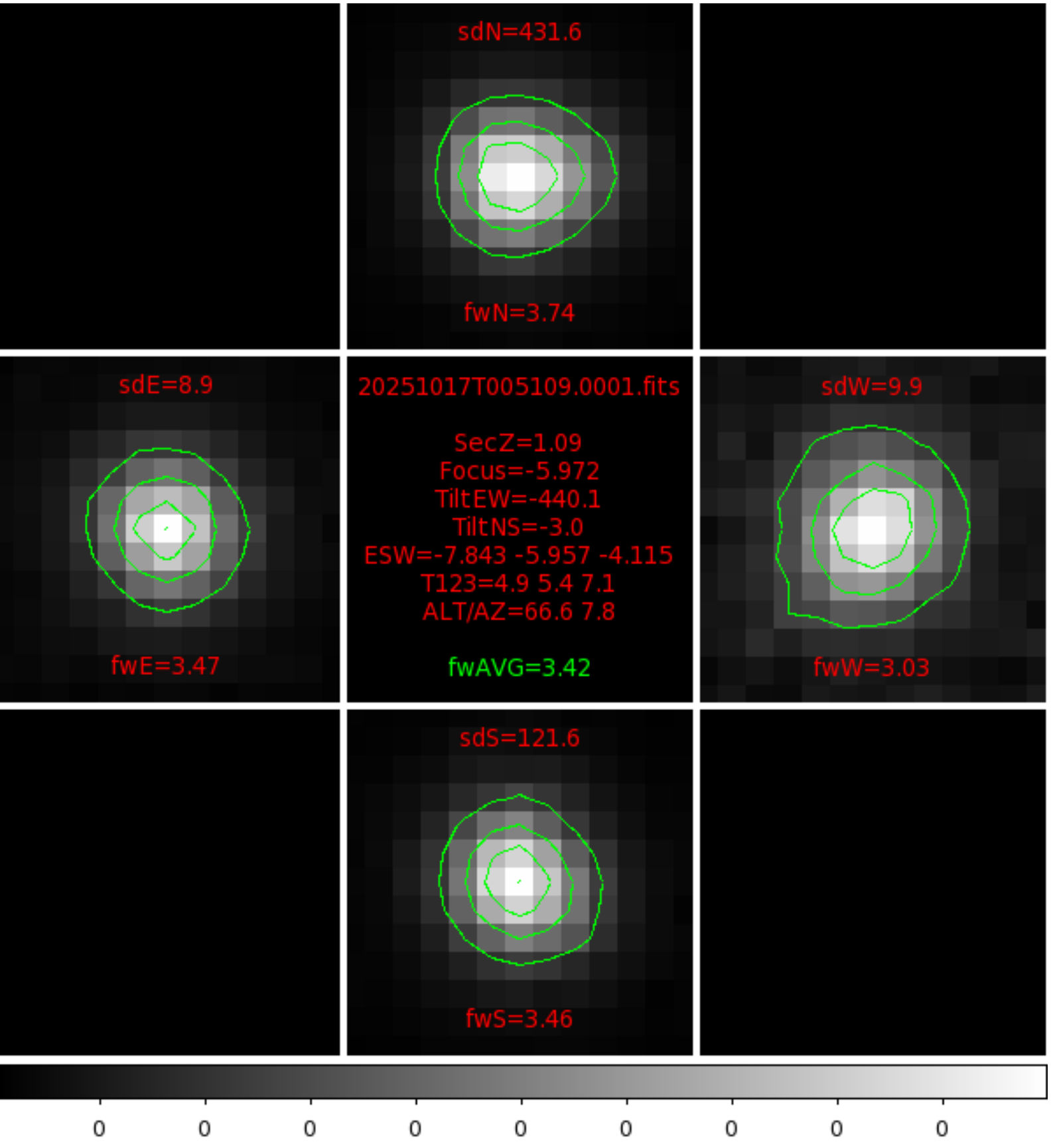
sdN=431.6
fwN=3.74
sdE=8.9
fwE=3.47
20251017T005109.0001.fits
SecZ=1.09
Focus=-5.972
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.843 -5.957 -4.115
T123=4.9 5.4 7.1
ALT/AZ=66.6 7.8
fwAVG=3.42
sdW=9.9
fwW=3.03
sdS=121.6
fwS=3.46
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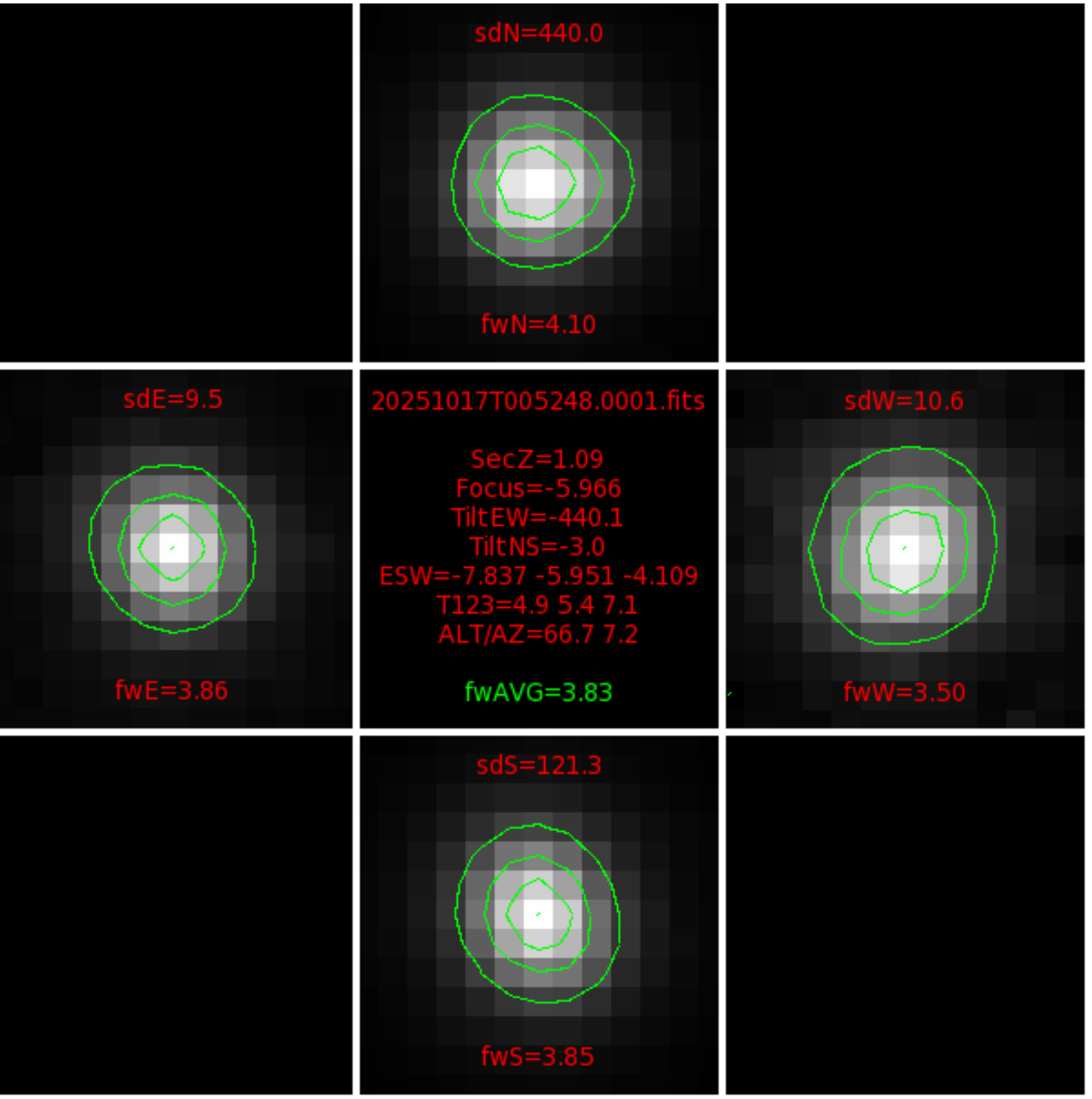
sdN=440.0
fwN=4.10
sdE=9.5
fwE=3.86
20251017T005248.0001.fits
SecZ=1.09
Focus=-5.966
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.837 -5.951 -4.109
T123=4.9 5.4 7.1
ALT/AZ=66.7 7.2
fwAVG=3.83
sdW=10.6
fwW=3.50
sdS=121.3
fwS=3.85
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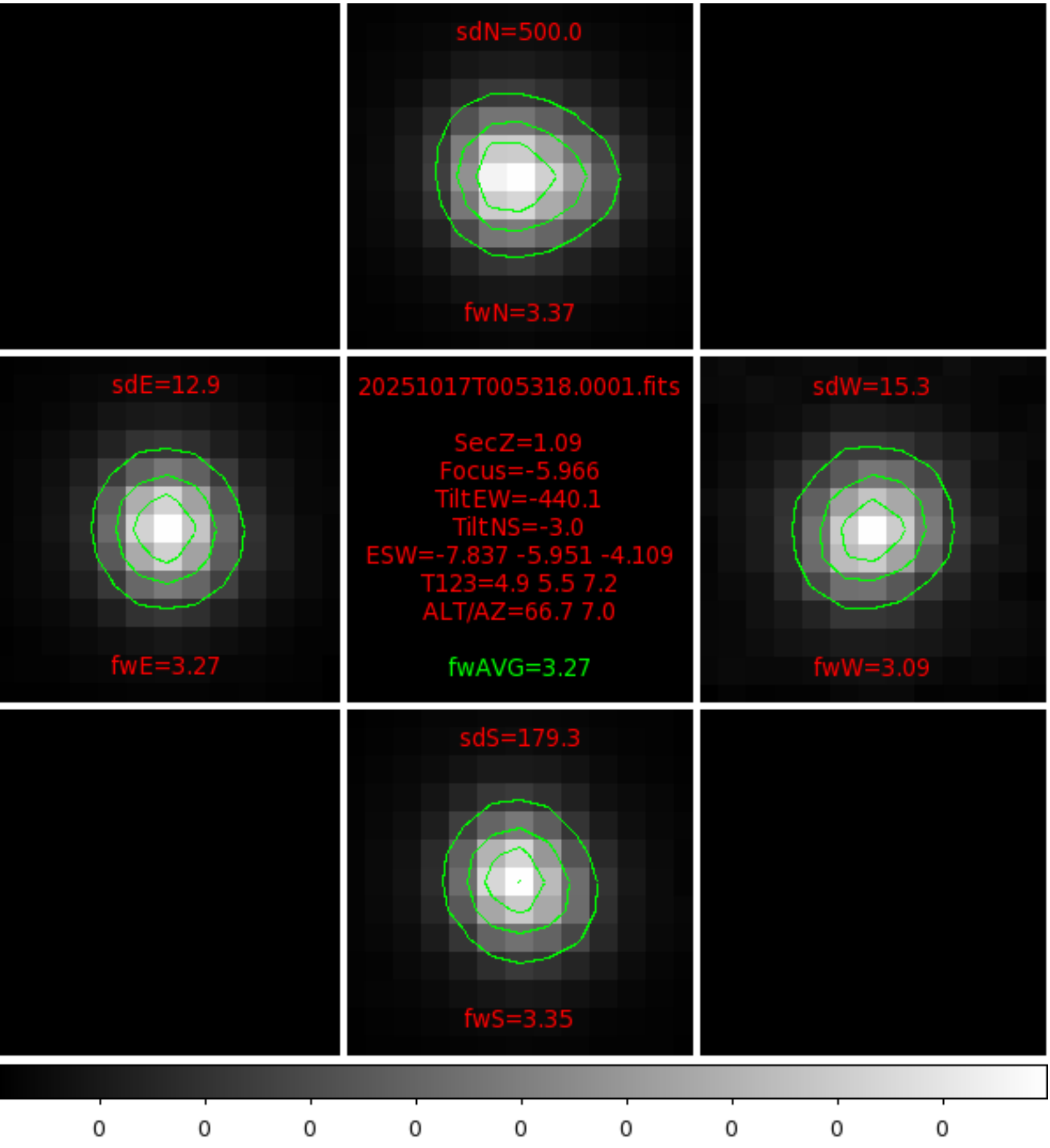
sdN=500.0
fwN=3.37
sdE=12.9
fwE=3.27
20251017T005318.0001.fits
SecZ=1.09
Focus=-5.966
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.837 -5.951 -4.109
T123=4.9 5.5 7.2
ALT/AZ=66.7 7.0
fwAVG=3.27
sdW=15.3
fwW=3.09
sdS=179.3
fwS=3.35
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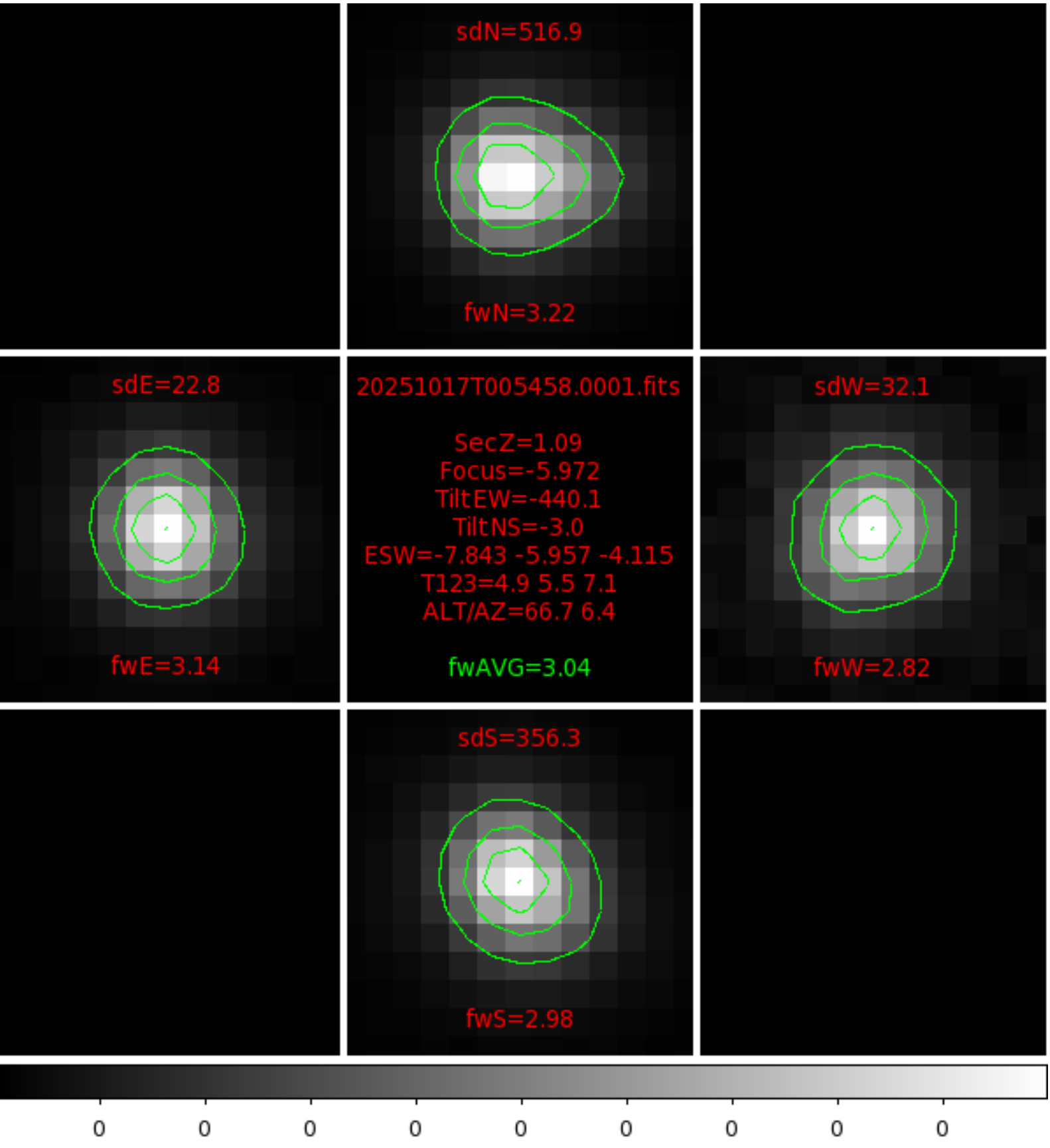
sdN=516.9
fwN=3.22
sdE=22.8
fwE=3.14
20251017T005458.0001.fits
SecZ=1.09
Focus=-5.972
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.843 -5.957 -4.115
T123=4.9 5.5 7.1
ALT/AZ=66.7 6.4
fwAVG=3.04
sdW=32.1
fwW=2.82
sdS=356.3
fwS=2.98
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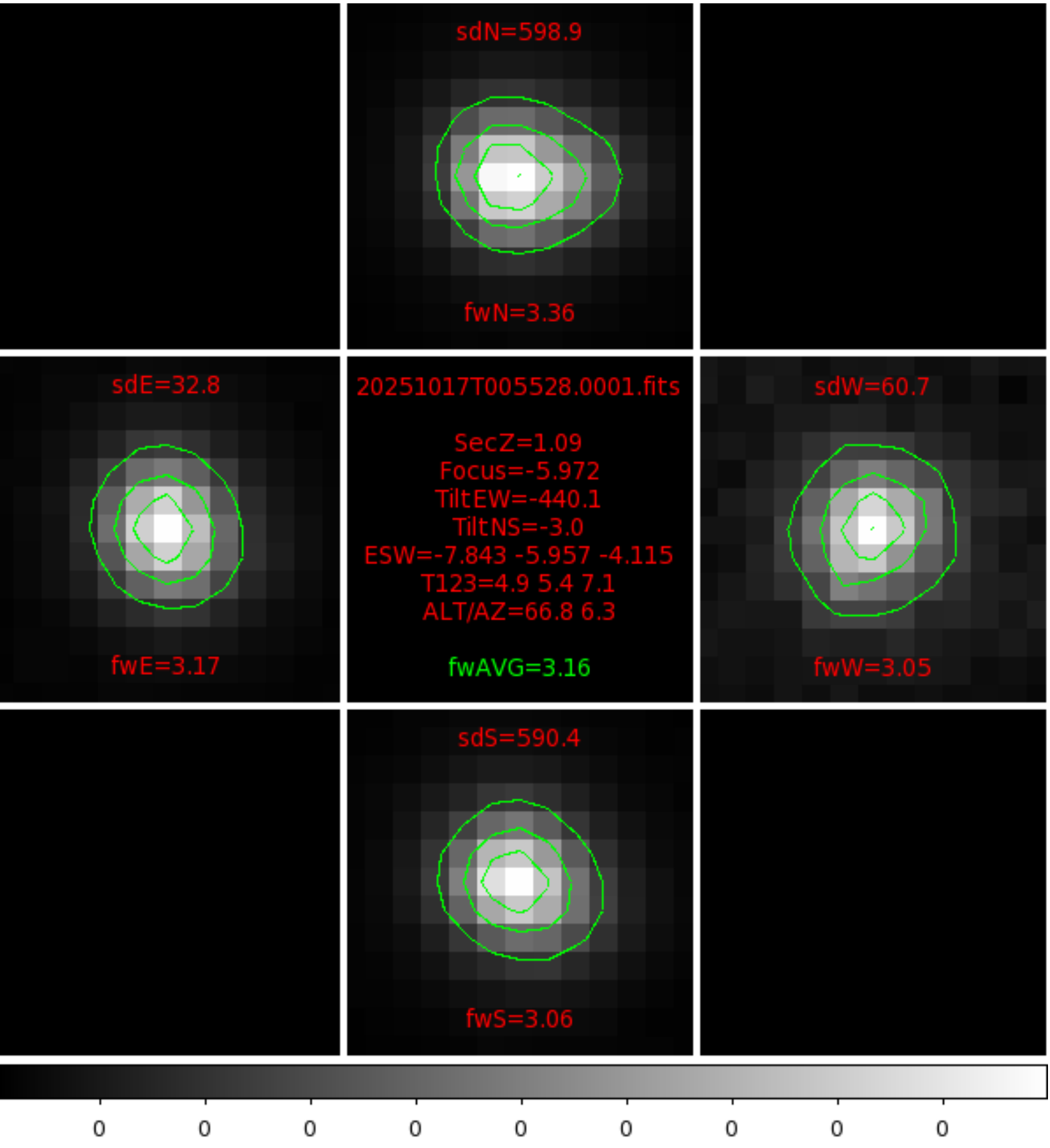
sdN=598.9
fwN=3.36
sdE=32.8
fwE=3.17
20251017T005528.0001.fits
SecZ=1.09
Focus=-5.972
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.843 -5.957 -4.115
T123=4.9 5.4 7.1
ALT/AZ=66.8 6.3
fwAVG=3.16
sdW=60.7
fwW=3.05
sdS=590.4
fwS=3.06
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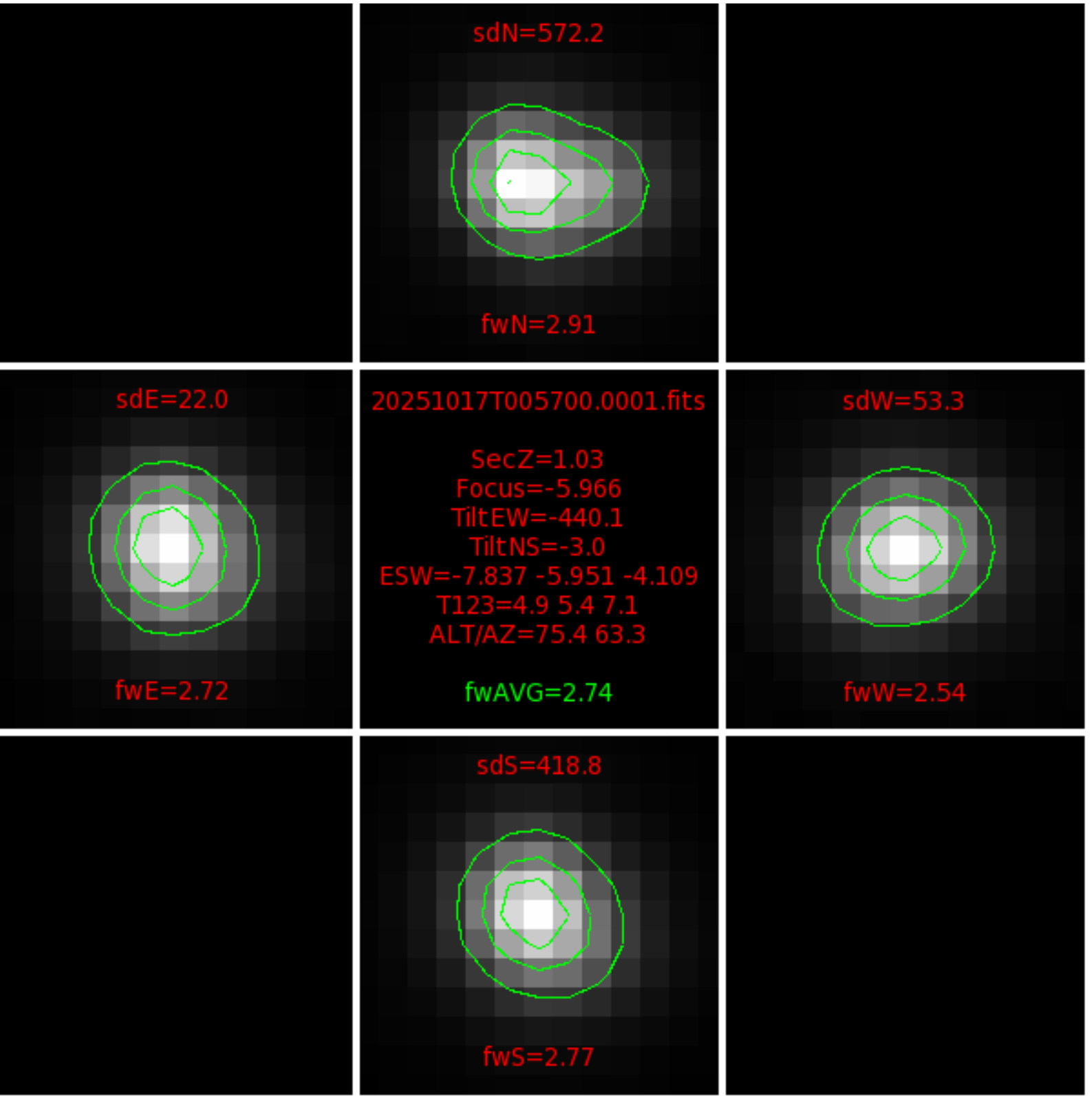
sdN=572.2
fwN=2.91
sdE=22.0
fwE=2.72
20251017T005700.0001.fits
SecZ=1.03
Focus=-5.966
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.837 -5.951 -4.109
T123=4.9 5.4 7.1
ALT/AZ=75.4 63.3
fwAVG=2.74
sdW=53.3
fwW=2.54
sdS=418.8
fwS=2.77
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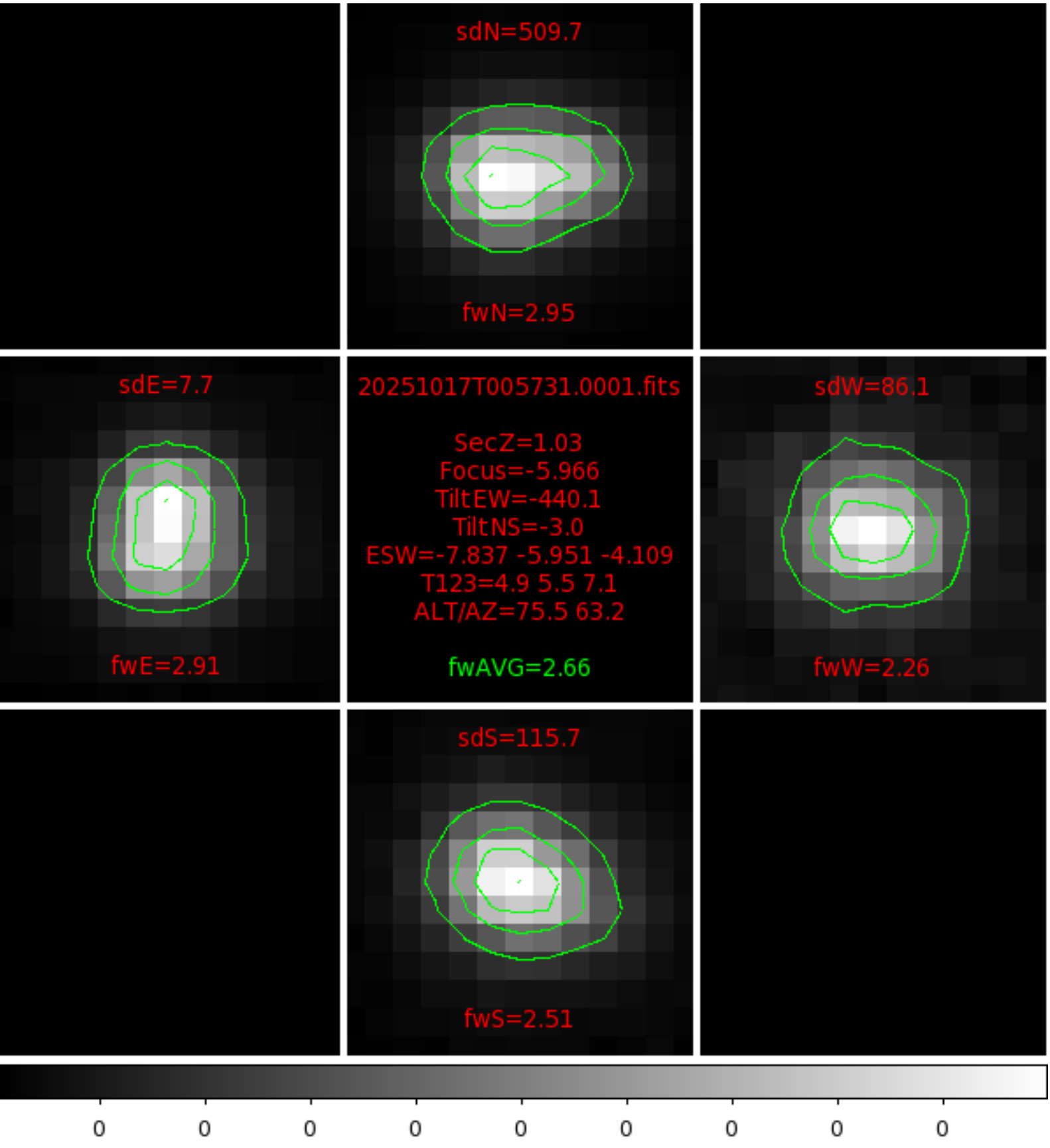
sdN=509.7
fwN=2.95
sdE=7.7
fwE=2.91
20251017T005731.0001.fits
SecZ=1.03
Focus=-5.966
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.837 -5.951 -4.109
T123=4.9 5.5 7.1
ALT/AZ=75.5 63.2
fwAVG=2.66
sdW=86.1
fwW=2.26
sdS=115.7
fwS=2.51
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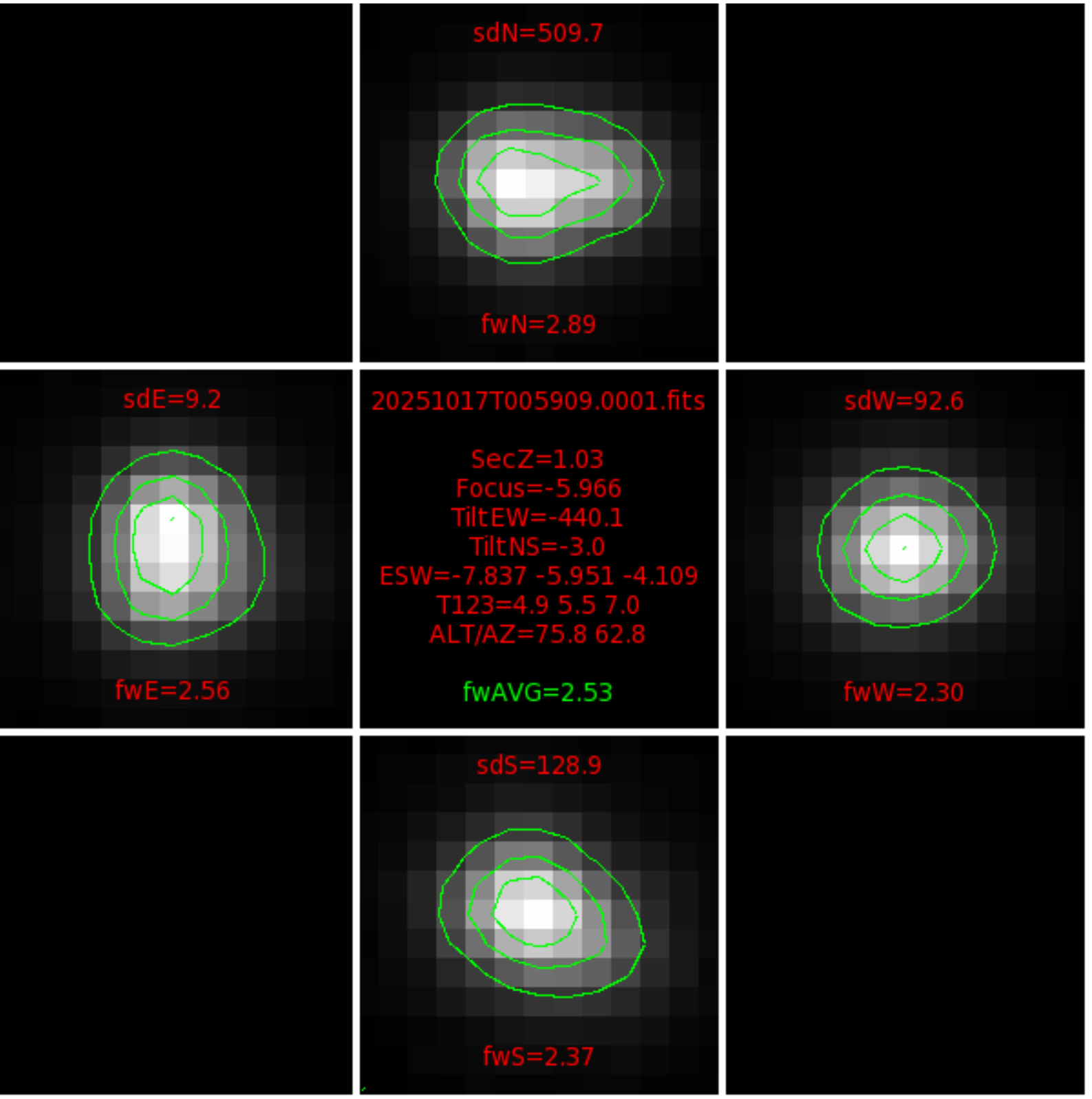
sdN=509.7
fwN=2.89
sdE=9.2
fwE=2.56
20251017T005909.0001.fits
SecZ=1.03
Focus=-5.966
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.837 -5.951 -4.109
T123=4.9 5.5 7.0
ALT/AZ=75.8 62.8
fwAVG=2.53
sdW=92.6
fwW=2.30
sdS=128.9
fwS=2.37
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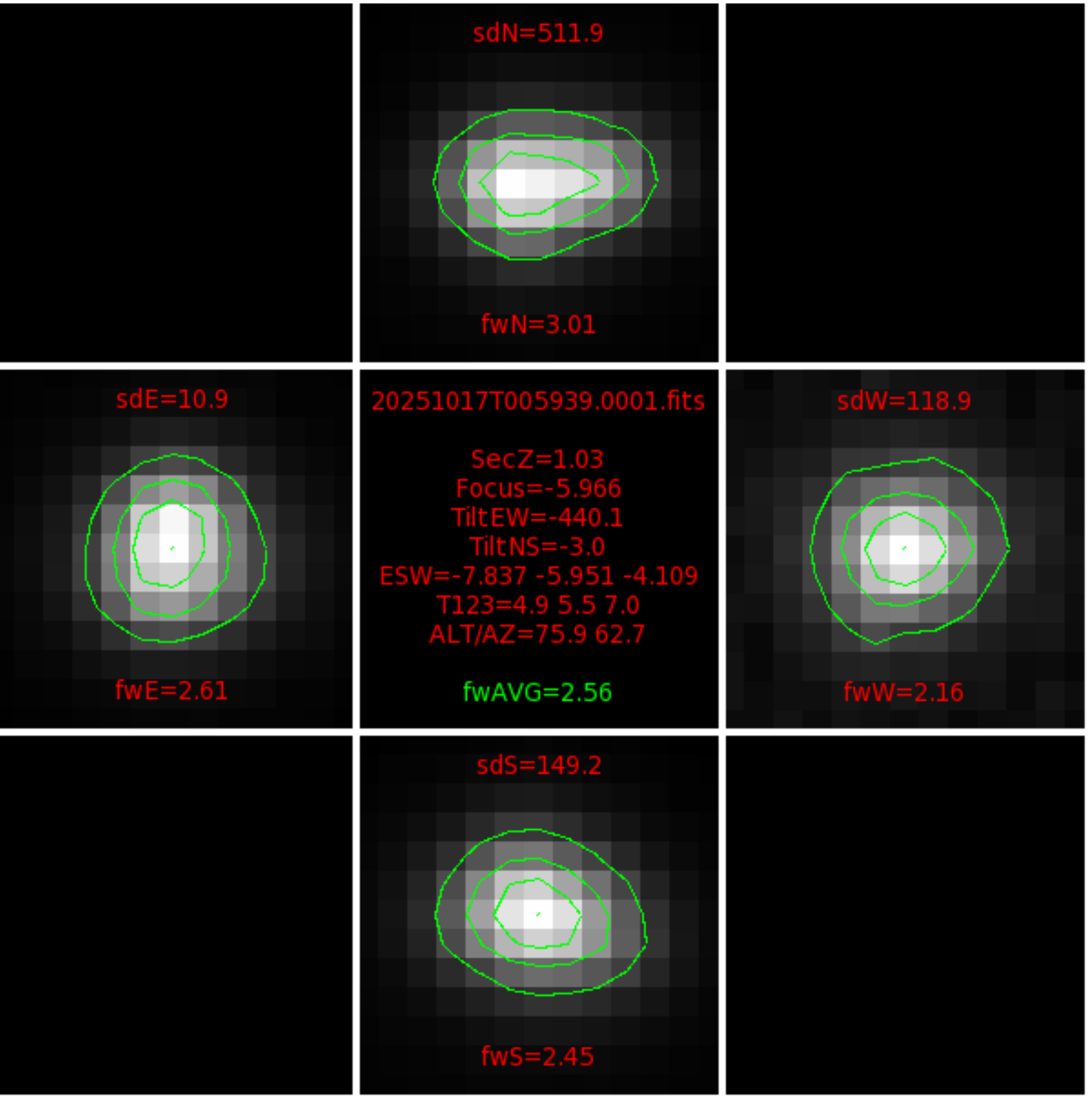
sdN=511.9
fwN=3.01
sdE=10.9
fwE=2.61
20251017T005939.0001.fits
SecZ=1.03
Focus=-5.966
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.837 -5.951 -4.109
T123=4.9 5.5 7.0
ALT/AZ=75.9 62.7
fwAVG=2.56
sdW=118.9
fwW=2.16
sdS=149.2
fwS=2.45
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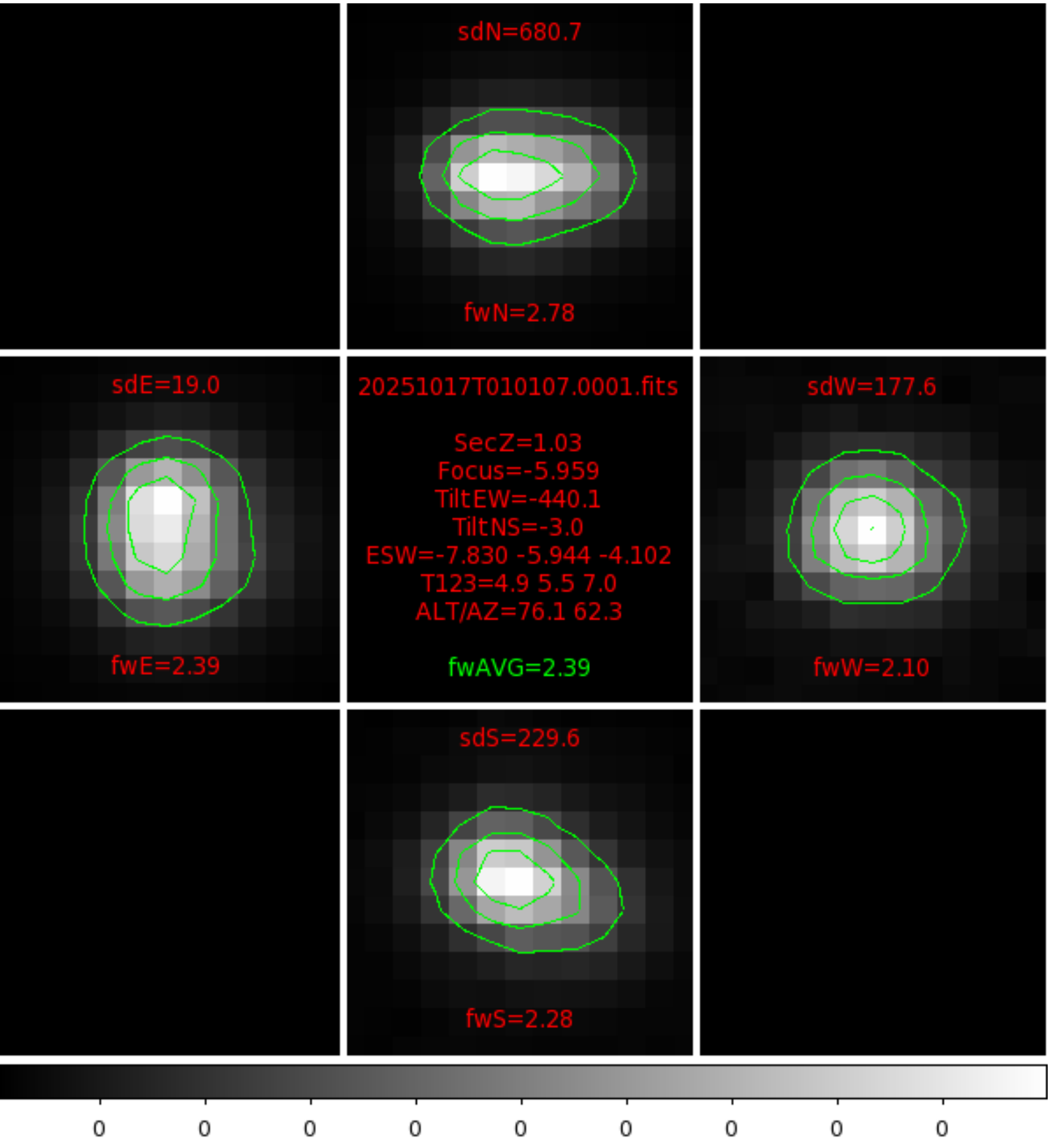
sdN=680.7
fwN=2.78
sdE=19.0
fwE=2.39
20251017T010107.0001.fits
SecZ=1.03
Focus=-5.959
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.830 -5.944 -4.102
T123=4.9 5.5 7.0
ALT/AZ=76.1 62.3
fwAVG=2.39
sdW=177.6
fwW=2.10
sdS=229.6
fwS=2.28
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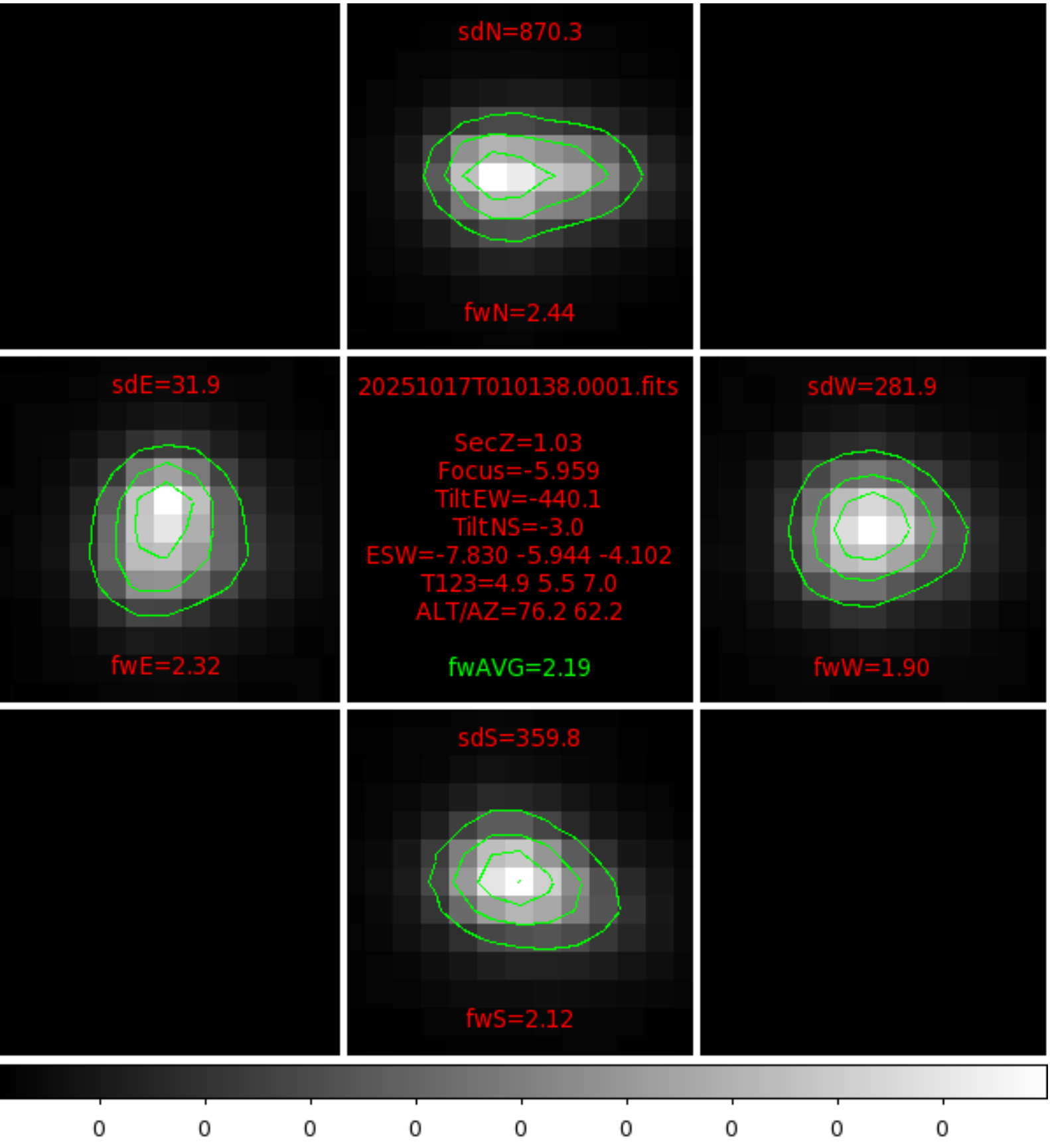
sdN=870.3
fwN=2.44
sdE=31.9
fwE=2.32
20251017T010138.0001.fits
SecZ=1.03
Focus=-5.959
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.830 -5.944 -4.102
T123=4.9 5.5 7.0
ALT/AZ=76.2 62.2
fwAVG=2.19
sdW=281.9
fwW=1.90
sdS=359.8
fwS=2.12
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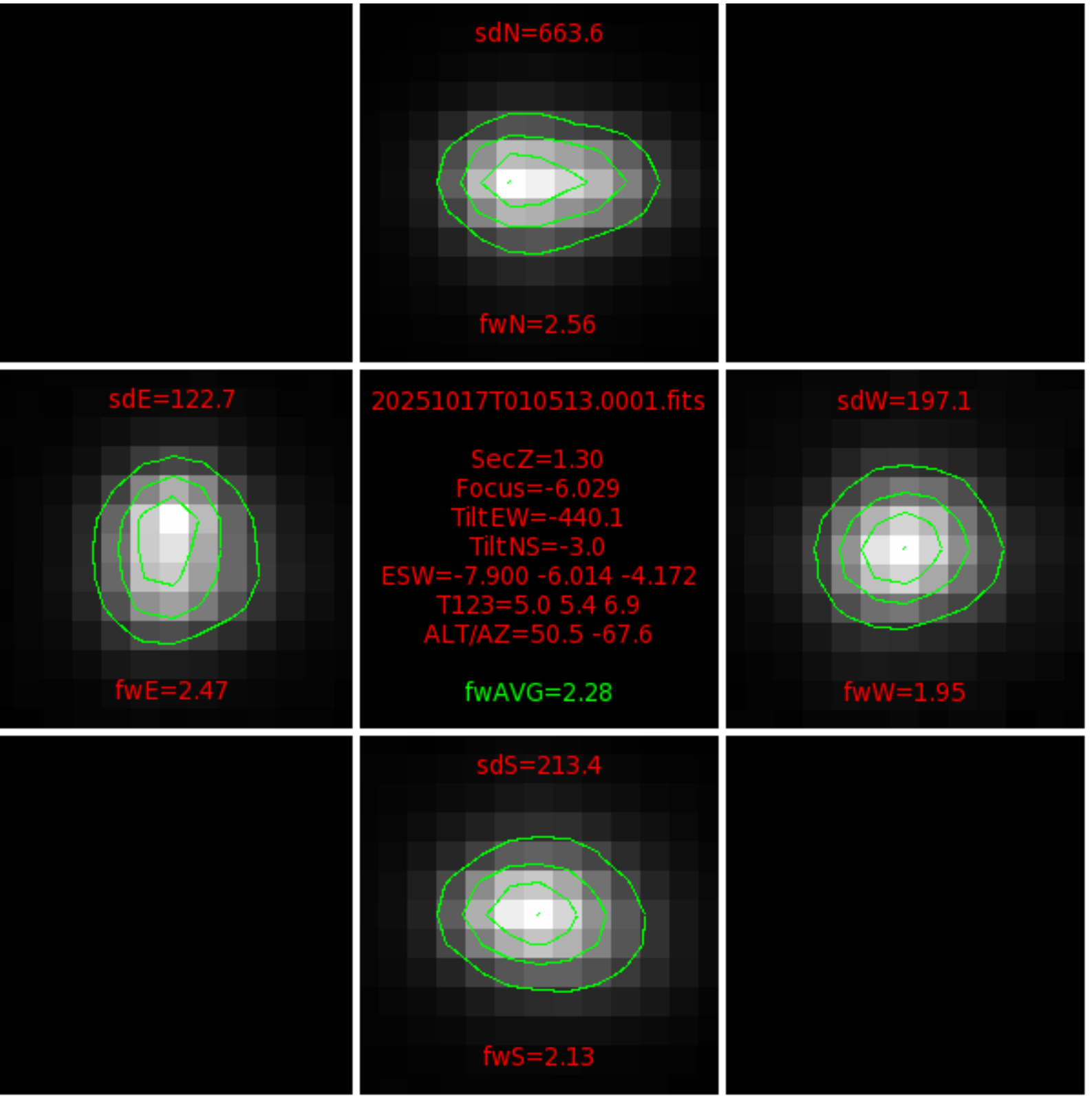
sdN=663.6
fwN=2.56
sdE=122.7
fwE=2.47
20251017T010513.0001.fits
SecZ=1.30
Focus=-6.029
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.900 -6.014 -4.172
T123=5.0 5.4 6.9
ALT/AZ=50.5 -67.6
fwAVG=2.28
sdW=197.1
fwW=1.95
sdS=213.4
fwS=2.13
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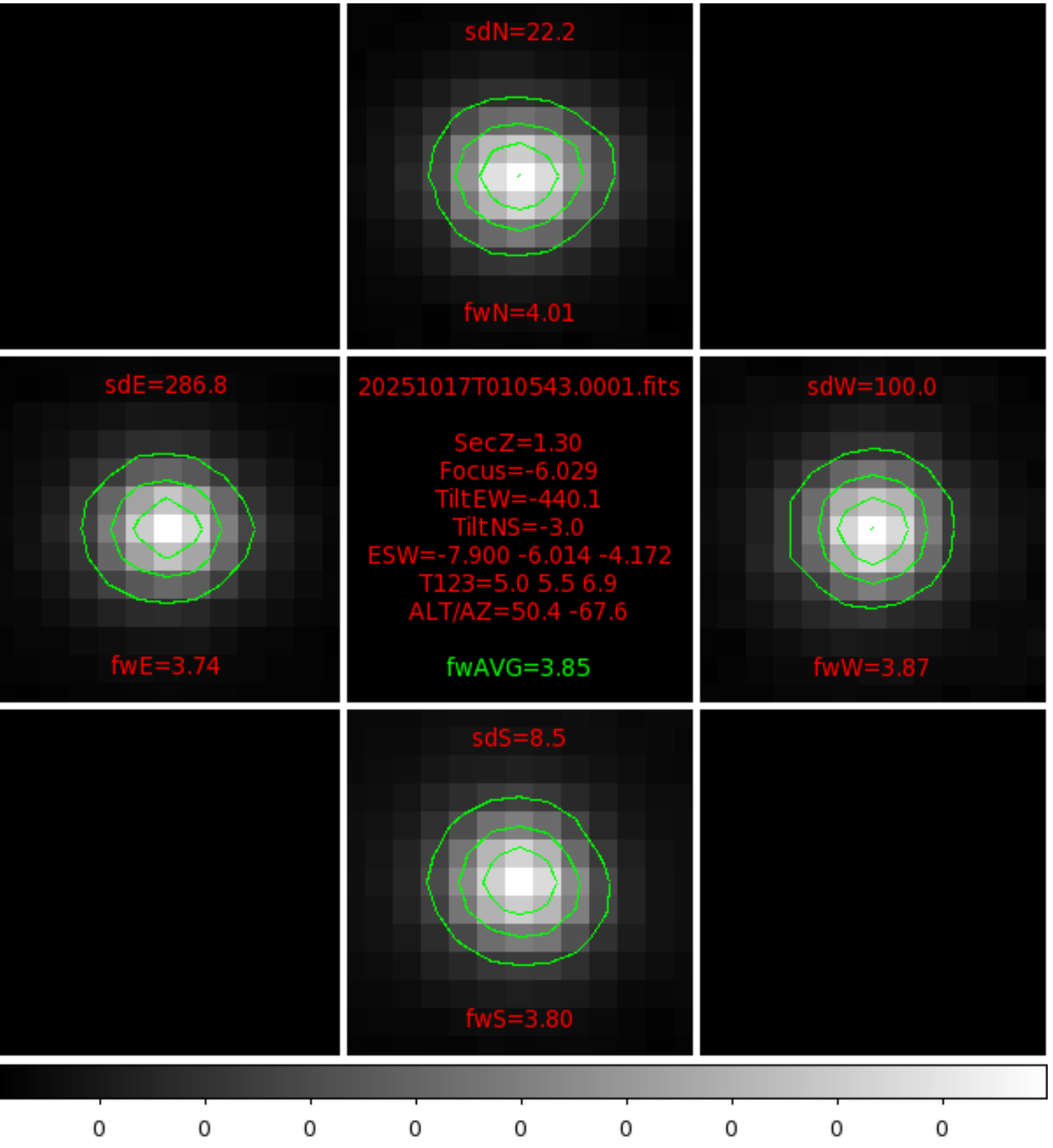
sdN=22.2
fwN=4.01
sdE=286.8
fwE=3.74
20251017T010543.0001.fits
SecZ=1.30
Focus=-6.029
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.900 -6.014 -4.172
T123=5.0 5.5 6.9
ALT/AZ=50.4 -67.6
fwAVG=3.85
sdW=100.0
fwW=3.87
sdS=8.5
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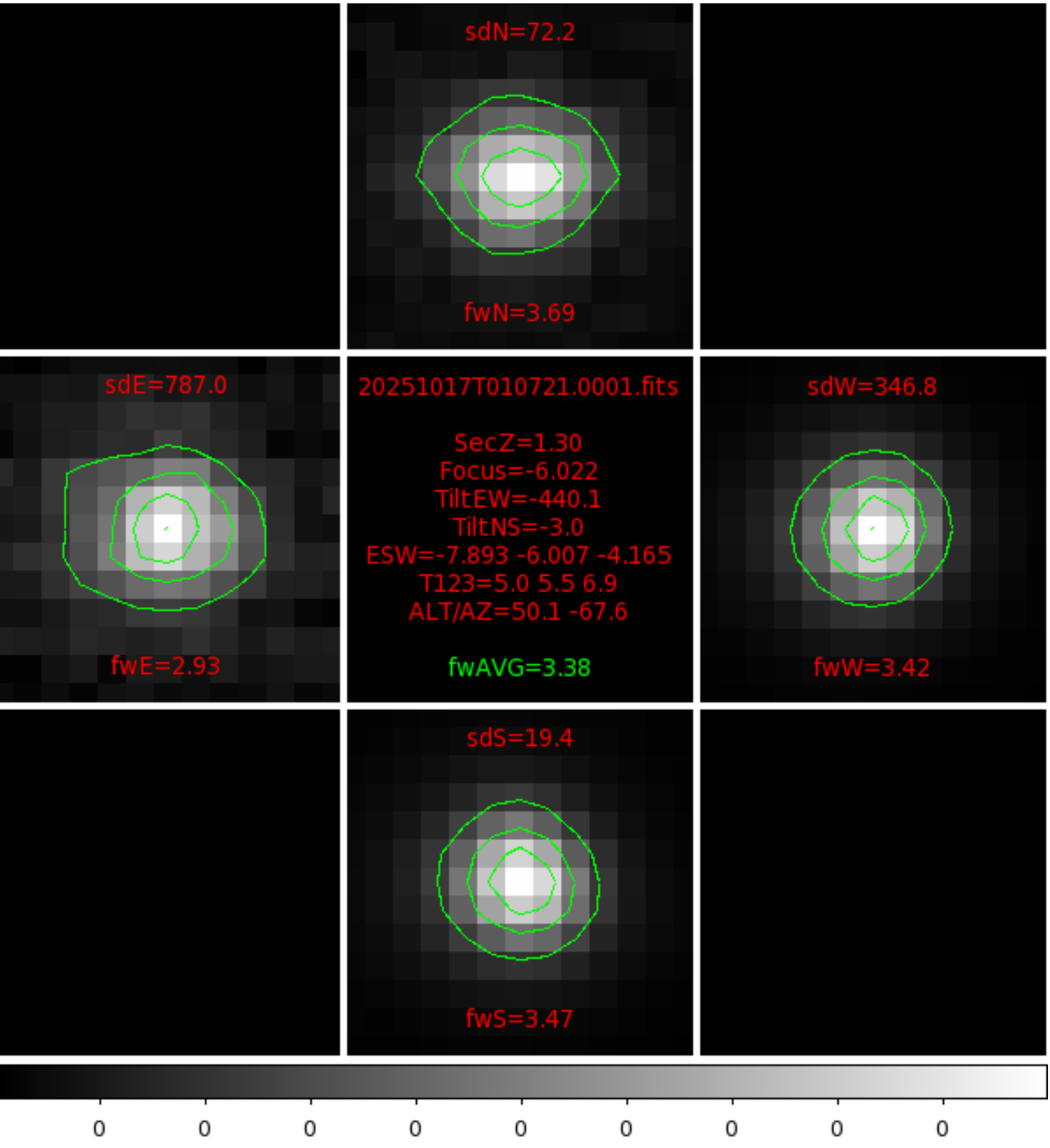
sdN=72.2
fwN=3.69
sdE=787.0
fwE=2.93
20251017T010721.0001.fits
SecZ=1.30
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.0 5.5 6.9
ALT/AZ=50.1 -67.6
fwAVG=3.38
sdW=346.8
fwW=3.42
sdS=19.4
fwS=3.47
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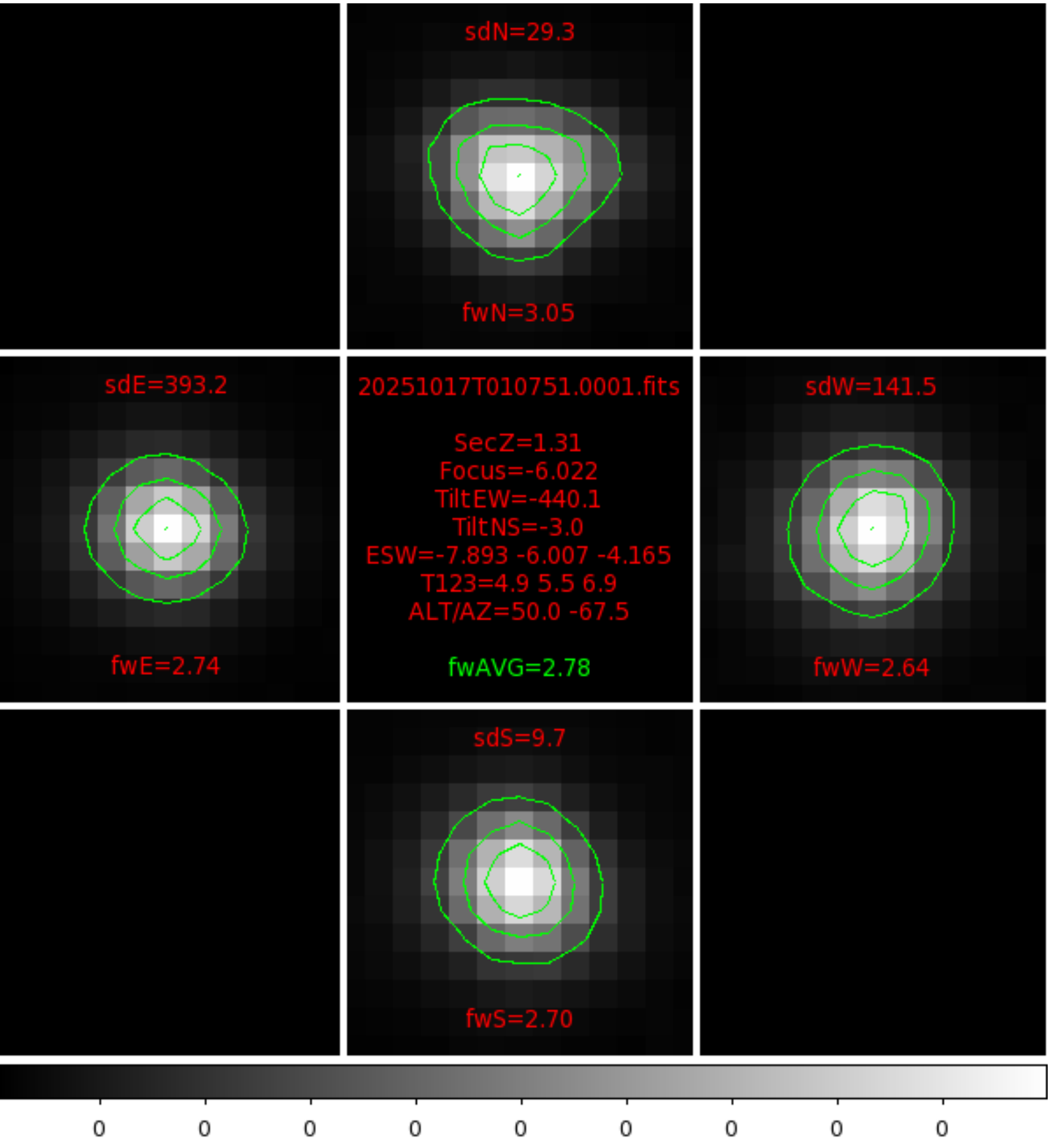
sdN=29.3
fwN=3.05
sdE=393.2
fwE=2.74
20251017T010751.0001.fits
SecZ=1.31
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=4.9 5.5 6.9
ALT/AZ=50.0 -67.5
fwAVG=2.78
sdW=141.5
fwW=2.64
sdS=9.7
fwS=2.70
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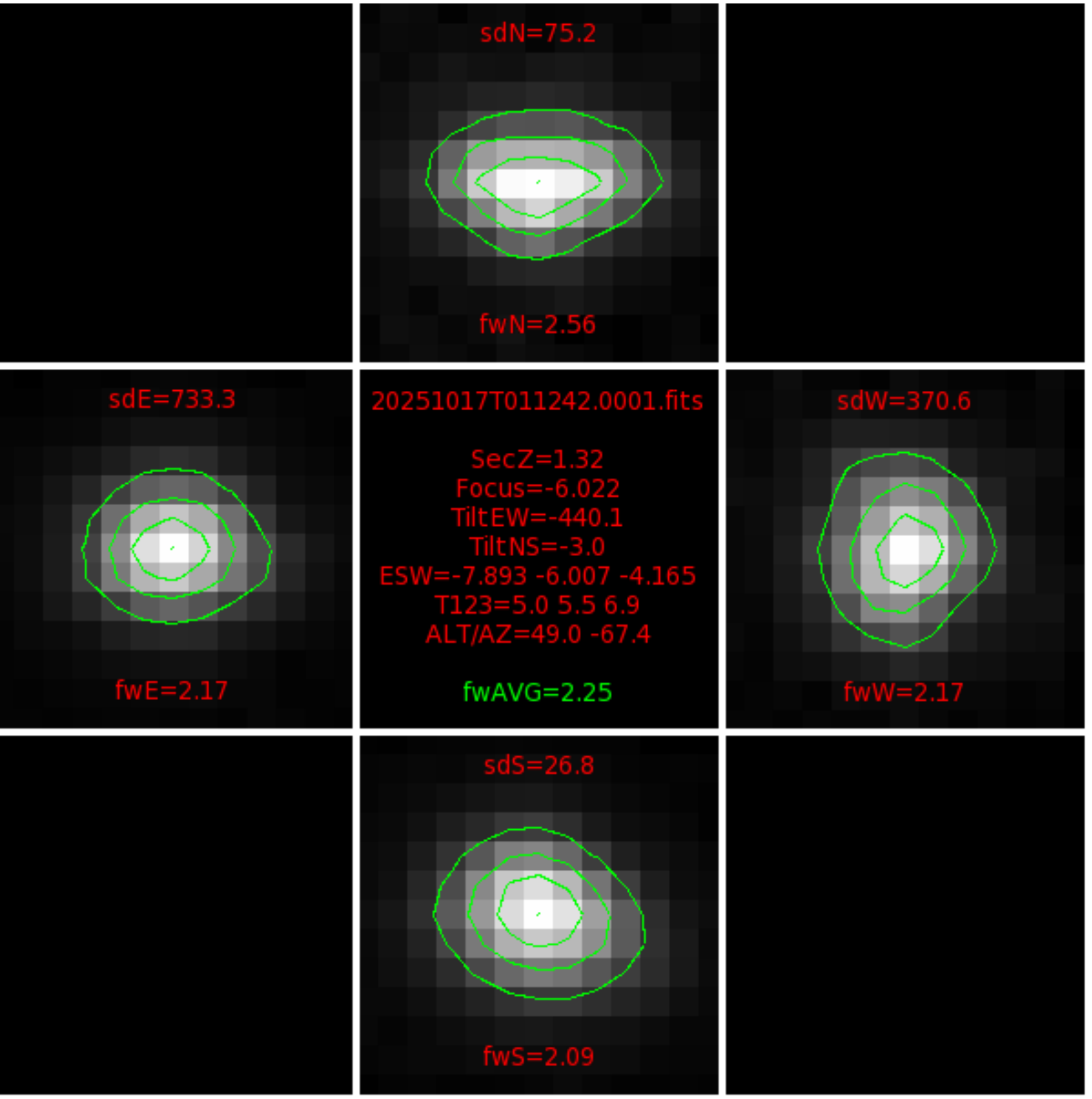
sdN=75.2
fwN=2.56
sdE=733.3
fwE=2.17
20251017T011242.0001.fits
SecZ=1.32
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.0 5.5 6.9
ALT/AZ=49.0 -67.4
fwAVG=2.25
sdW=370.6
fwW=2.17
sdS=26.8
fwS=2.09
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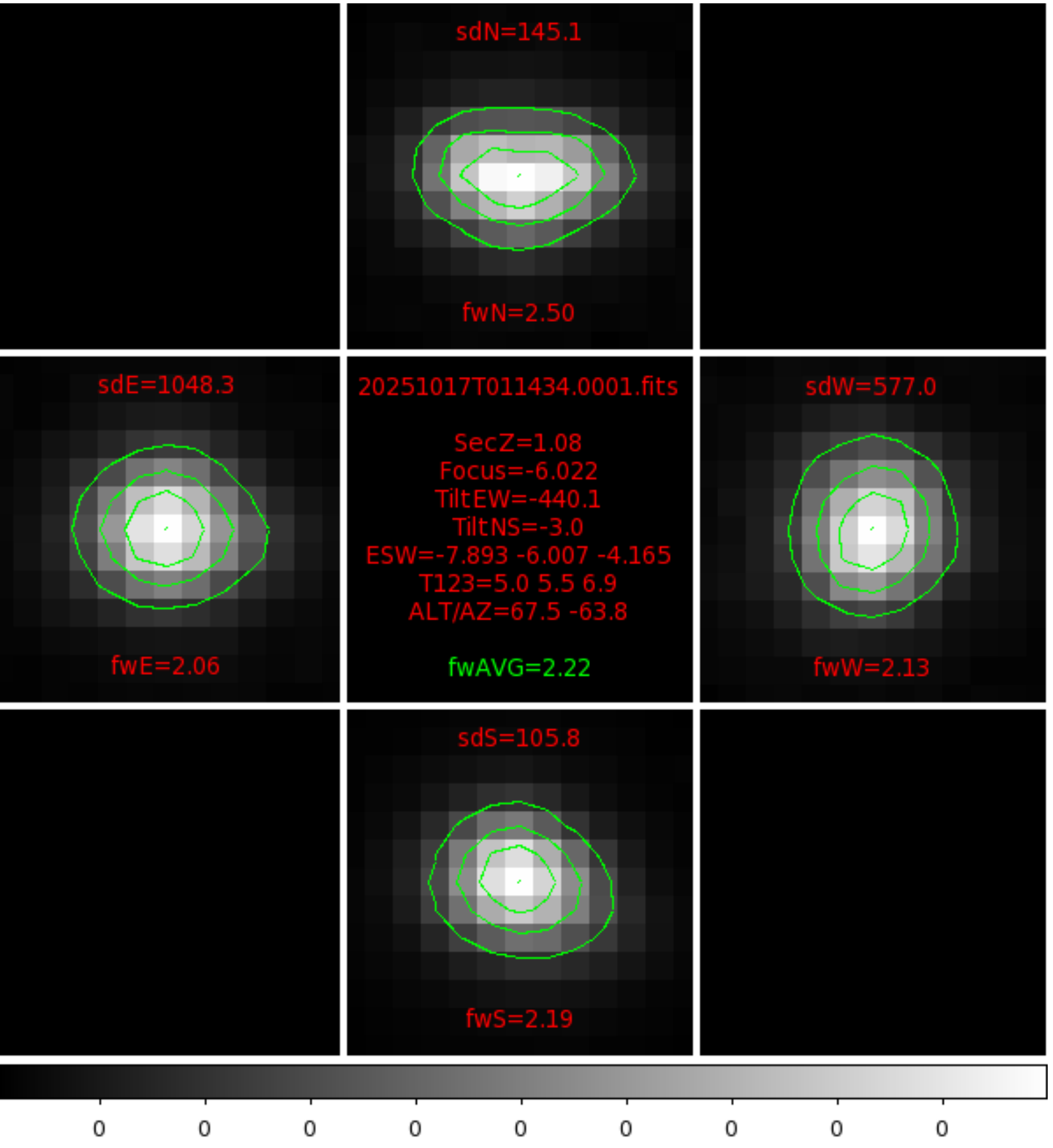
sdN=145.1
fwN=2.50
sdE=1048.3
fwE=2.06
20251017T011434.0001.fits
SecZ=1.08
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.0 5.5 6.9
ALT/AZ=67.5 -63.8
fwAVG=2.22
sdW=577.0
fwW=2.13
sdS=105.8
fwS=2.19
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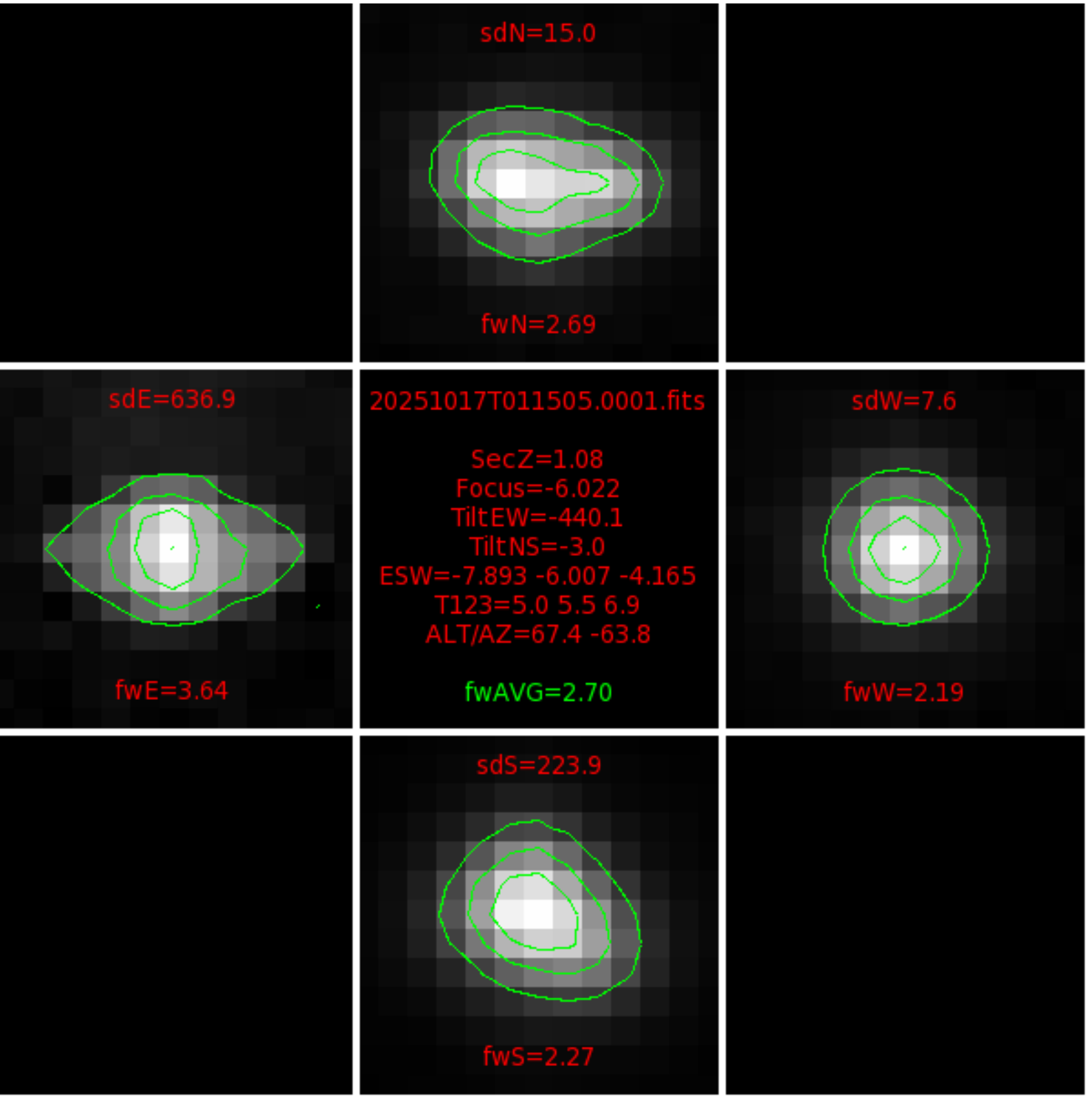
sdN=15.0
fwN=2.69
sdE=636.9
fwE=3.64
20251017T011505.0001.fits
SecZ=1.08
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.0 5.5 6.9
ALT/AZ=67.4 -63.8
fwAVG=2.70
sdW=7.6
fwW=2.19
sdS=223.9
fwS=2.27
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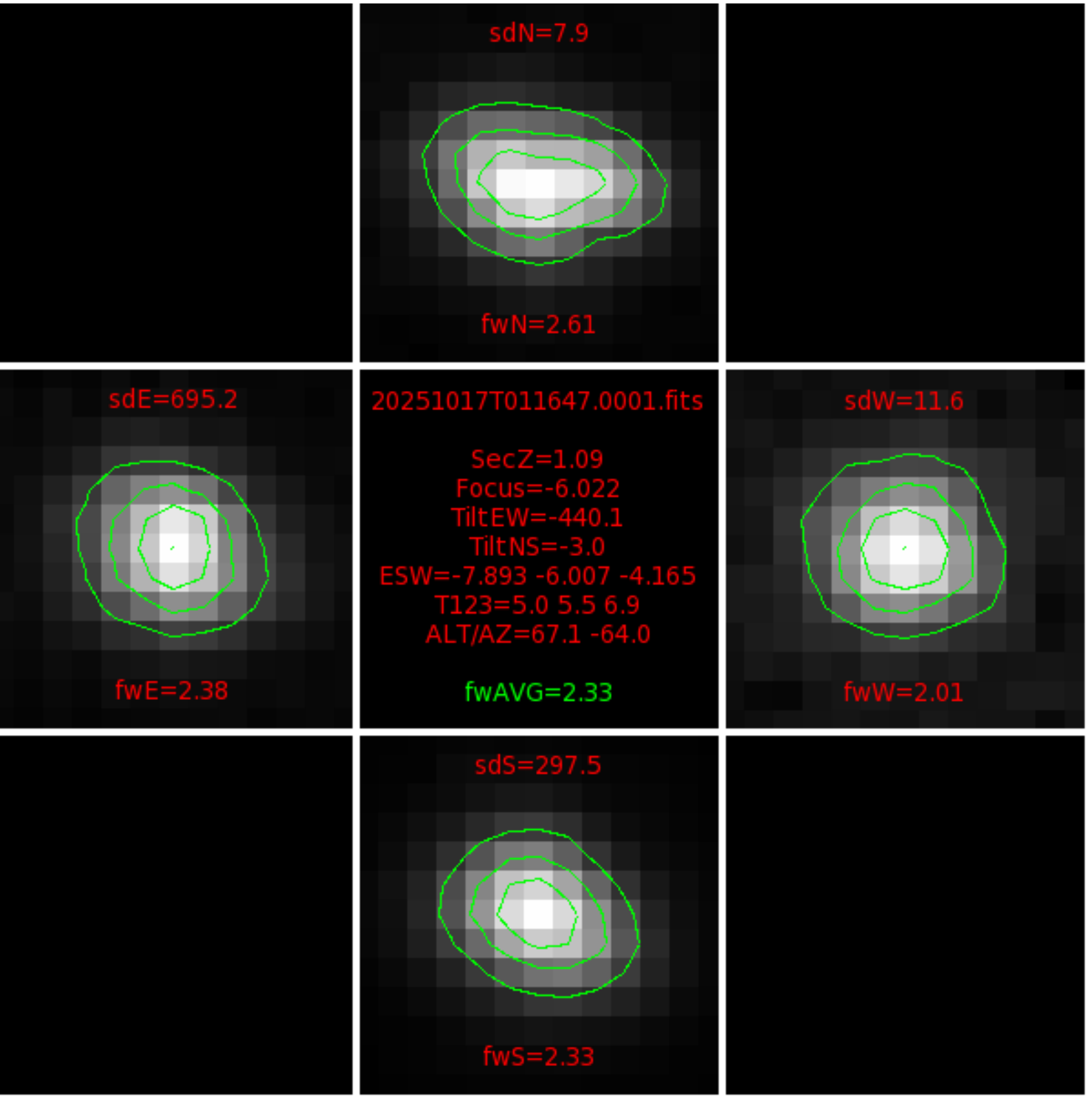
sdN=7.9
fwN=2.61
sdE=695.2
fwE=2.38
20251017T011647.0001.fits
SecZ=1.09
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.0 5.5 6.9
ALT/AZ=67.1 -64.0
fwAVG=2.33
sdW=11.6
fwW=2.01
sdS=297.5
fwS=2.33
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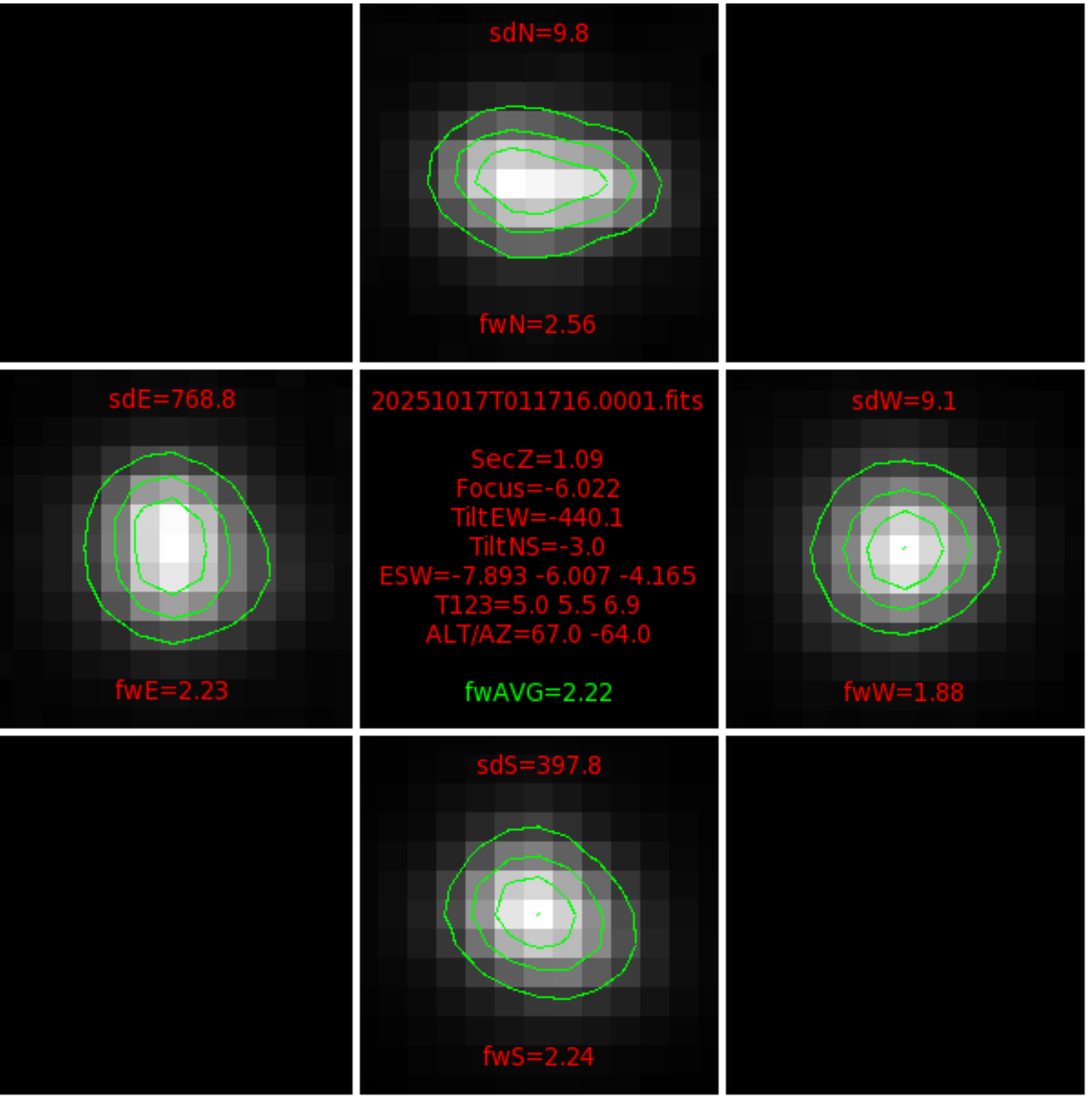
sdN=9.8
fwN=2.56
sdE=768.8
fwE=2.23
20251017T011716.0001.fits
SecZ=1.09
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.0 5.5 6.9
ALT/AZ=67.0 -64.0
fwAVG=2.22
sdW=9.1
fwW=1.88
sdS=397.8
fwS=2.24
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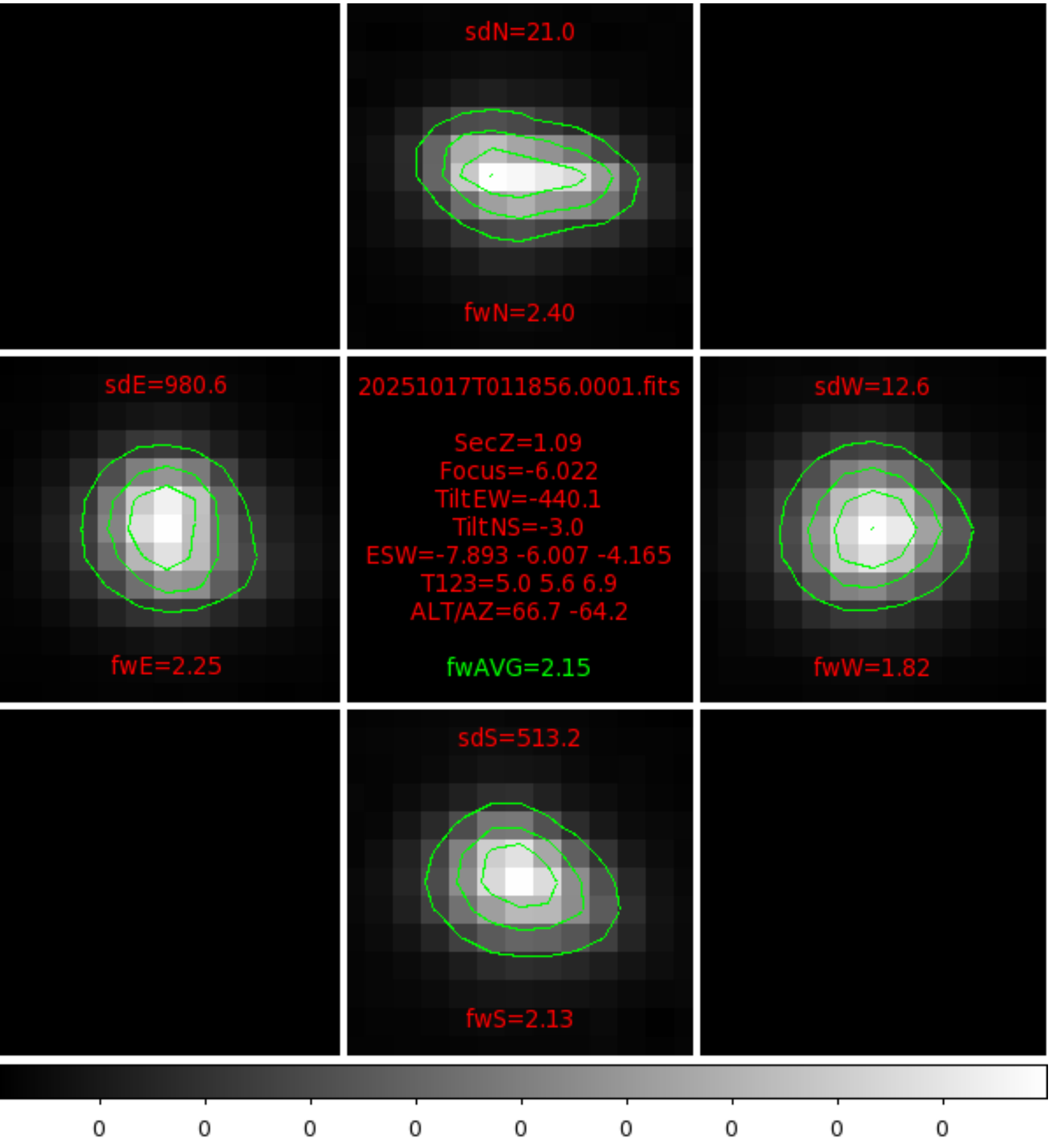
sdN=21.0
fwN=2.40
sdE=980.6
fwE=2.25
20251017T011856.0001.fits
SecZ=1.09
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.0 5.6 6.9
ALT/AZ=66.7 -64.2
fwAVG=2.15
sdW=12.6
fwW=1.82
sdS=513.2
fwS=2.13
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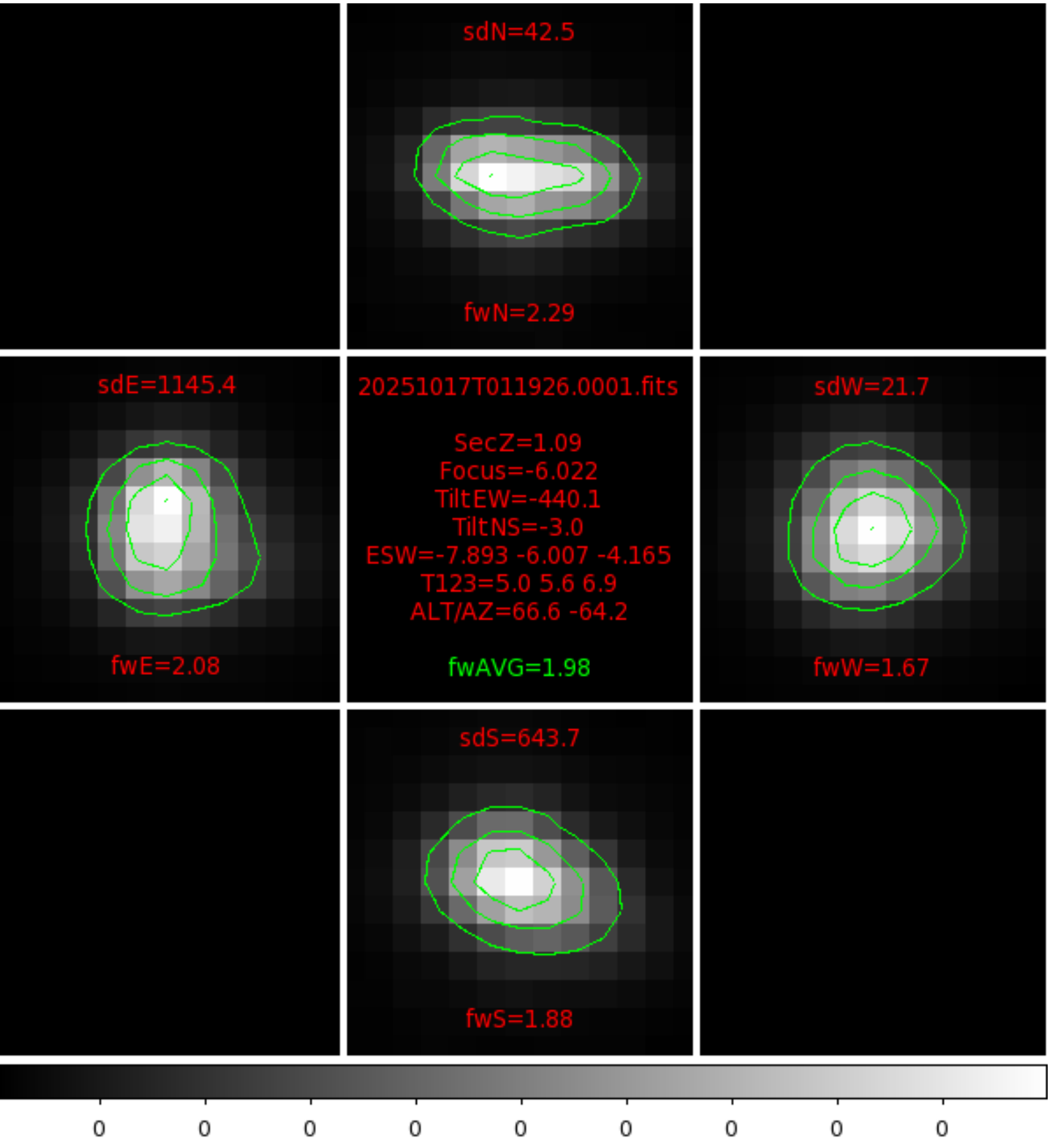
sdN=42.5
fwN=2.29
sdE=1145.4
fwE=2.08
20251017T011926.0001.fits
SecZ=1.09
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.0 5.6 6.9
ALT/AZ=66.6 -64.2
fwAVG=1.98
sdW=21.7
fwW=1.67
sdS=643.7
fwS=1.88
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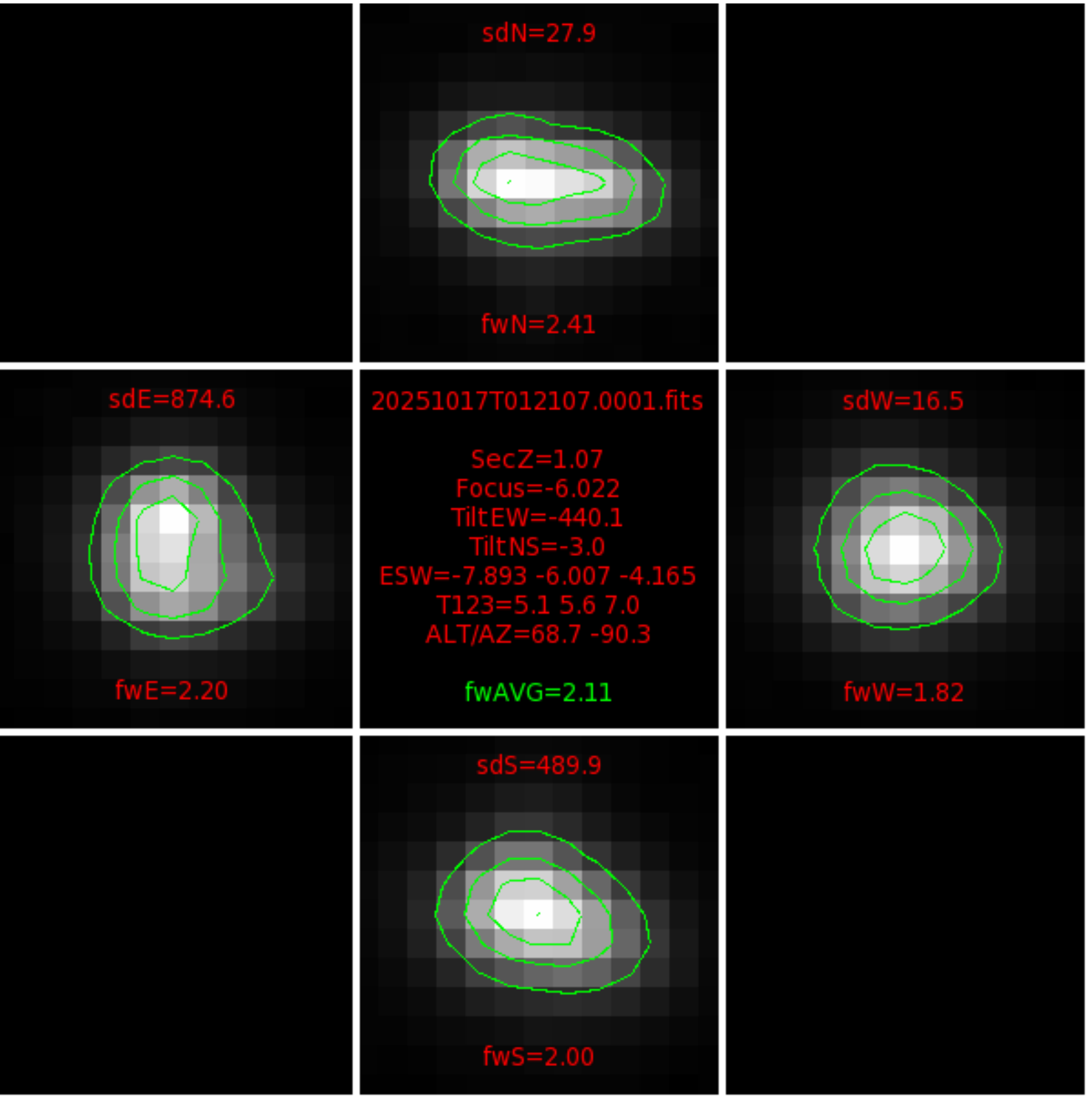
sdN=27.9
fwN=2.41
sdE=874.6
fwE=2.20
20251017T012107.0001.fits
SecZ=1.07
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.1 5.6 7.0
ALT/AZ=68.7 -90.3
fwAVG=2.11
sdW=16.5
fwW=1.82
sdS=489.9
fwS=2.00
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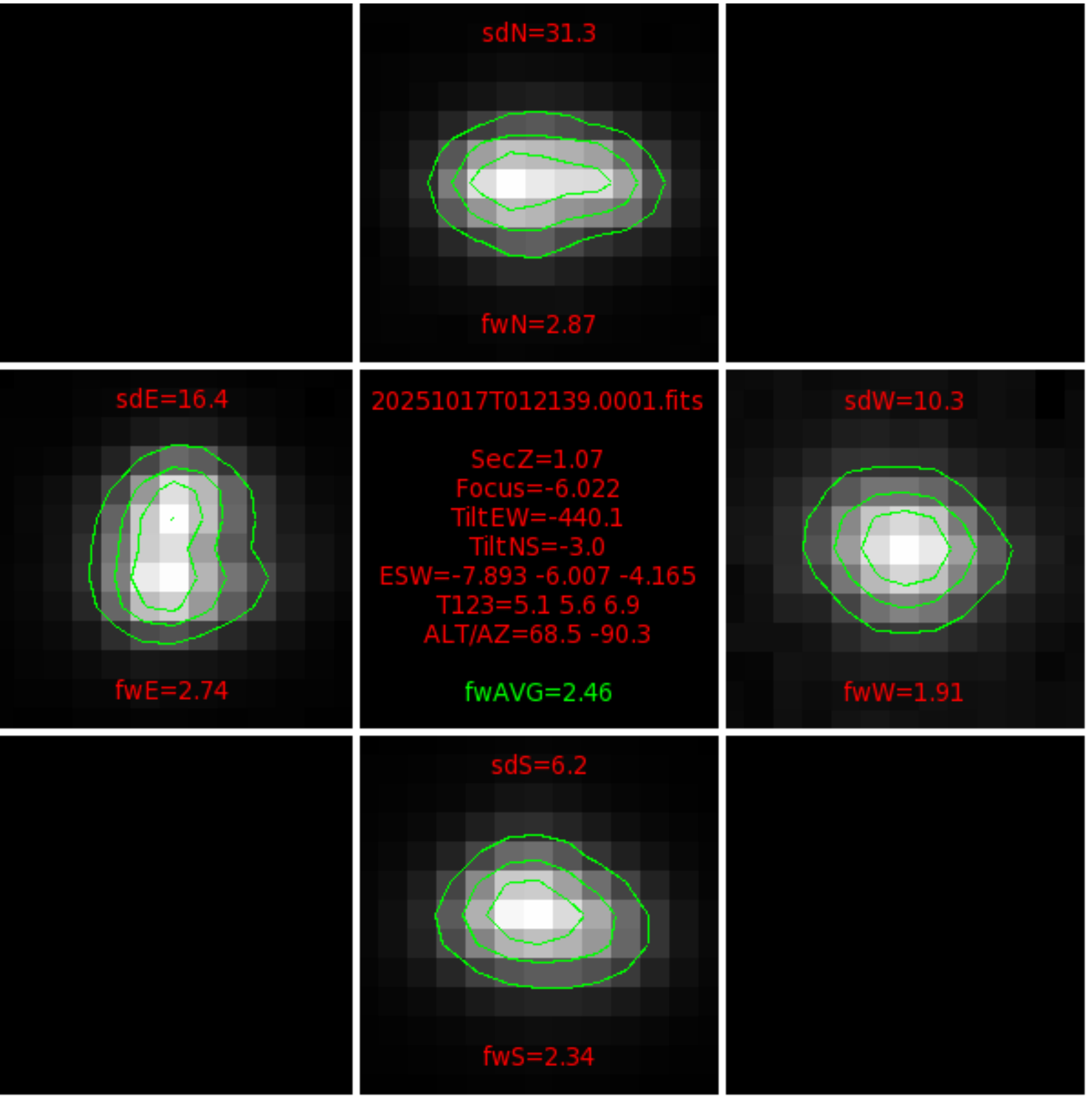
sdN=31.3
fwN=2.87
sdE=16.4
fwE=2.74
20251017T012139.0001.fits
SecZ=1.07
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.1 5.6 6.9
ALT/AZ=68.5 -90.3
fwAVG=2.46
sdW=10.3
fwW=1.91
sdS=6.2
fwS=2.34
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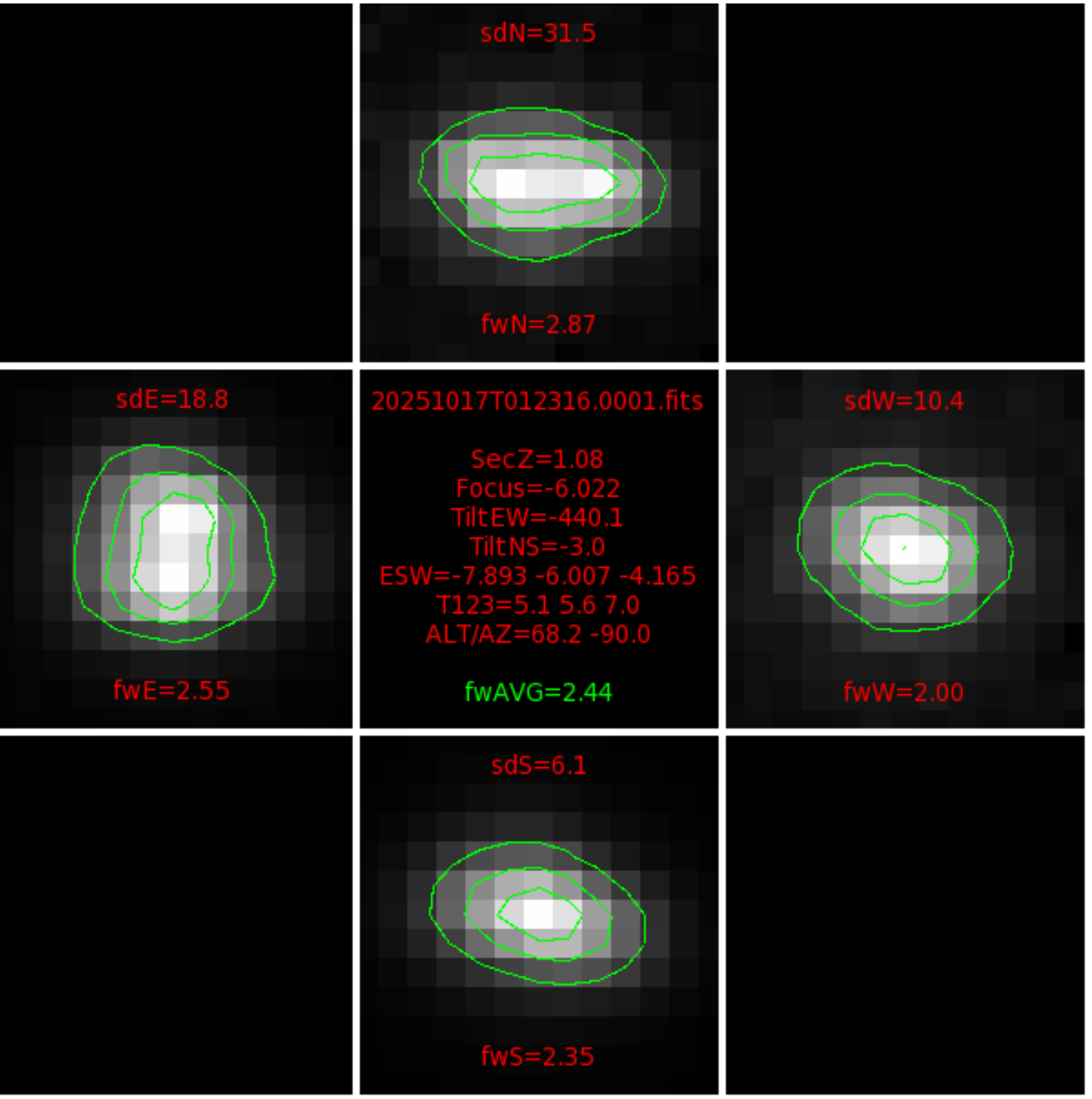
sdN=31.5
fwN=2.87
sdE=18.8
fwE=2.55
20251017T012316.0001.fits
SecZ=1.08
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.1 5.6 7.0
ALT/AZ=68.2 -90.0
fwAVG=2.44
sdW=10.4
fwW=2.00
sdS=6.1
fwS=2.35
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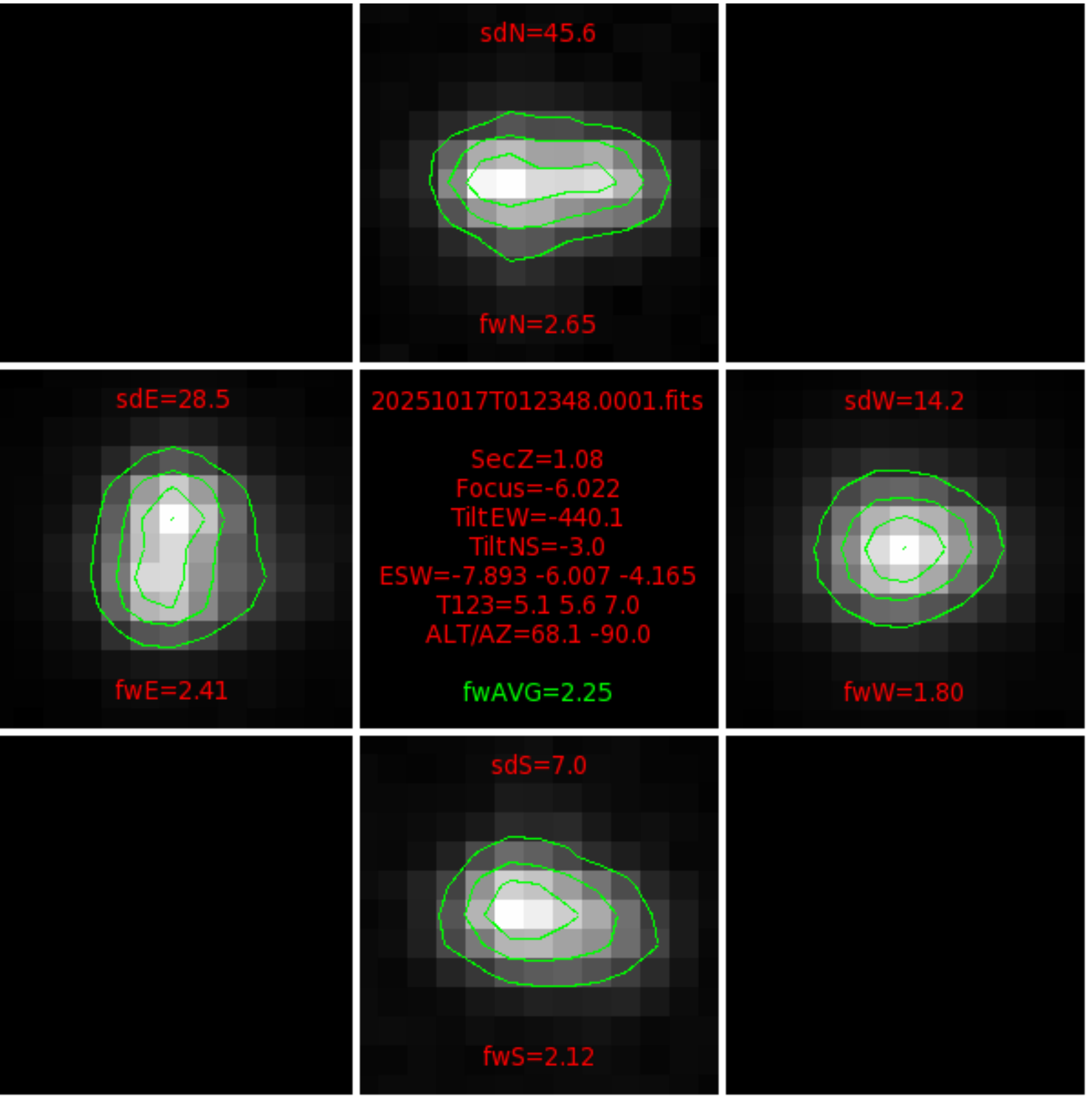
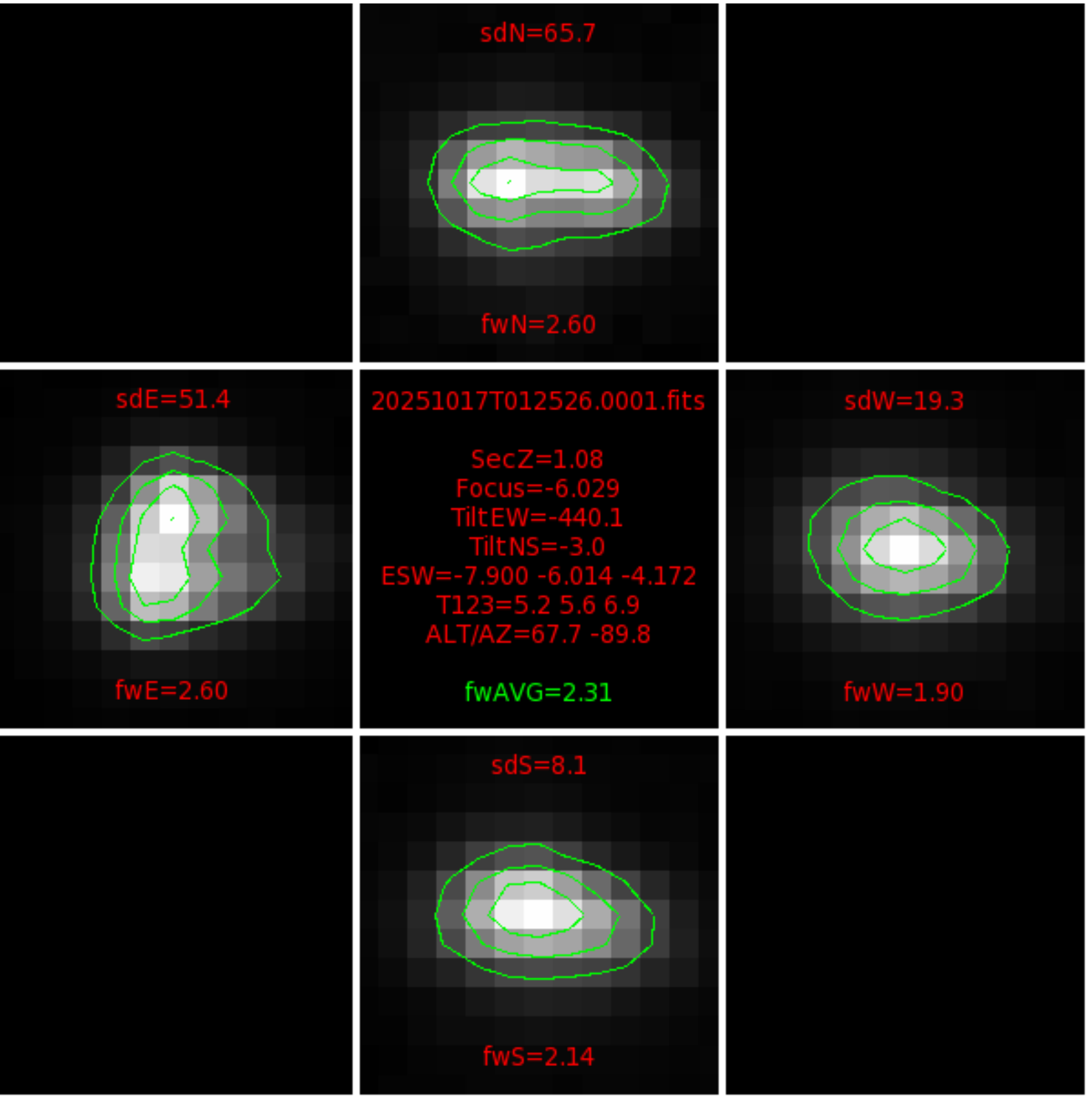
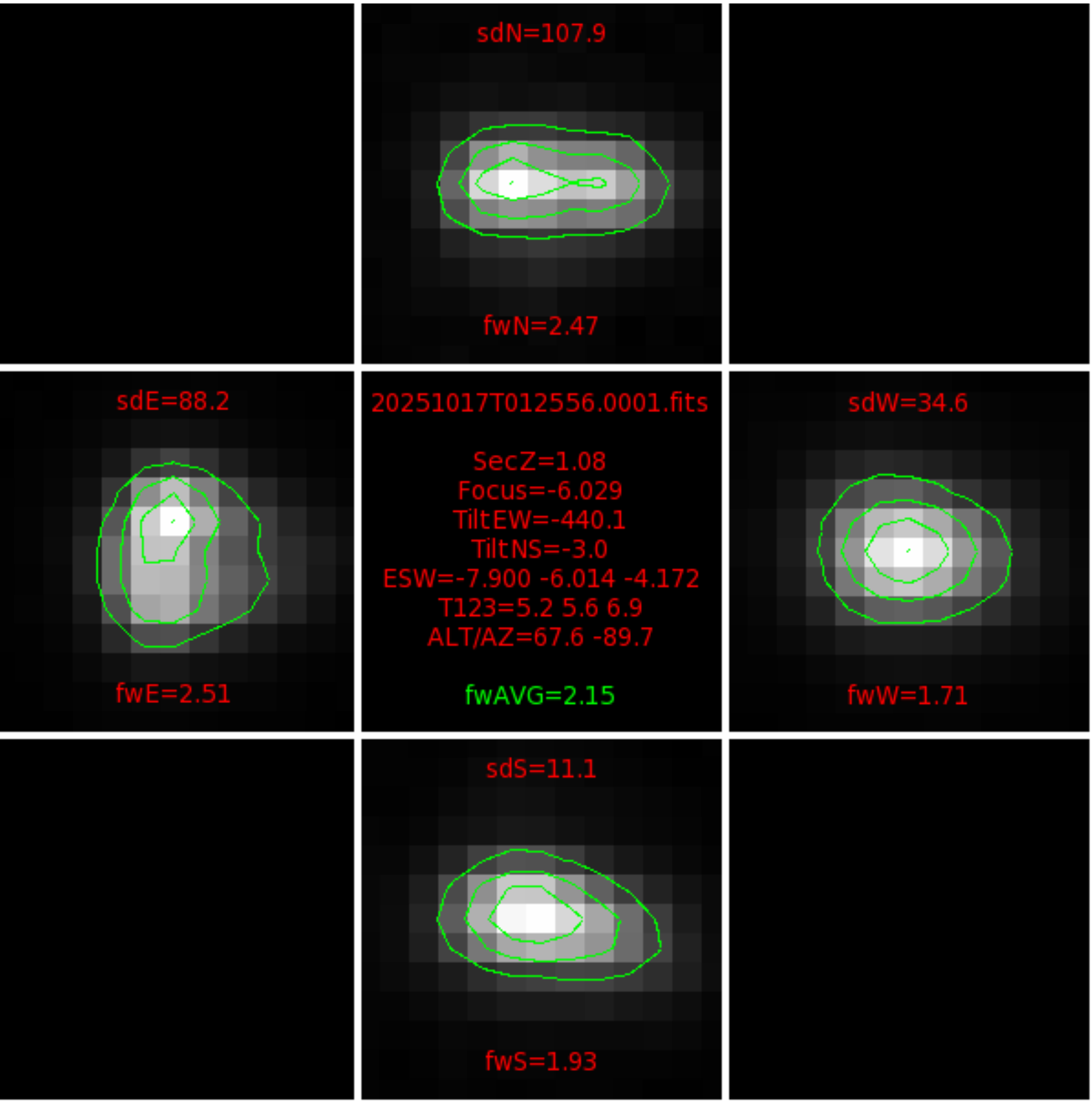
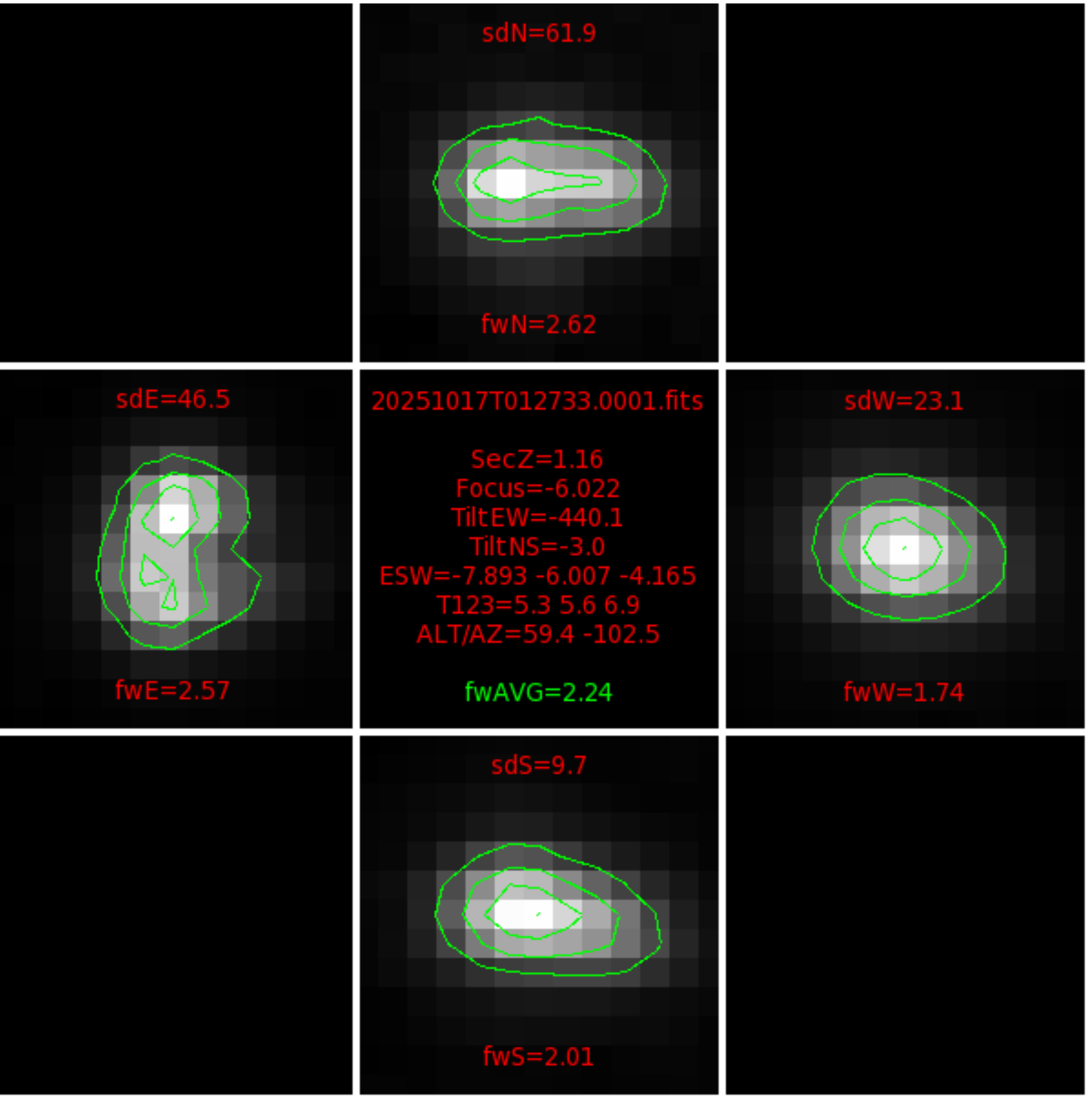
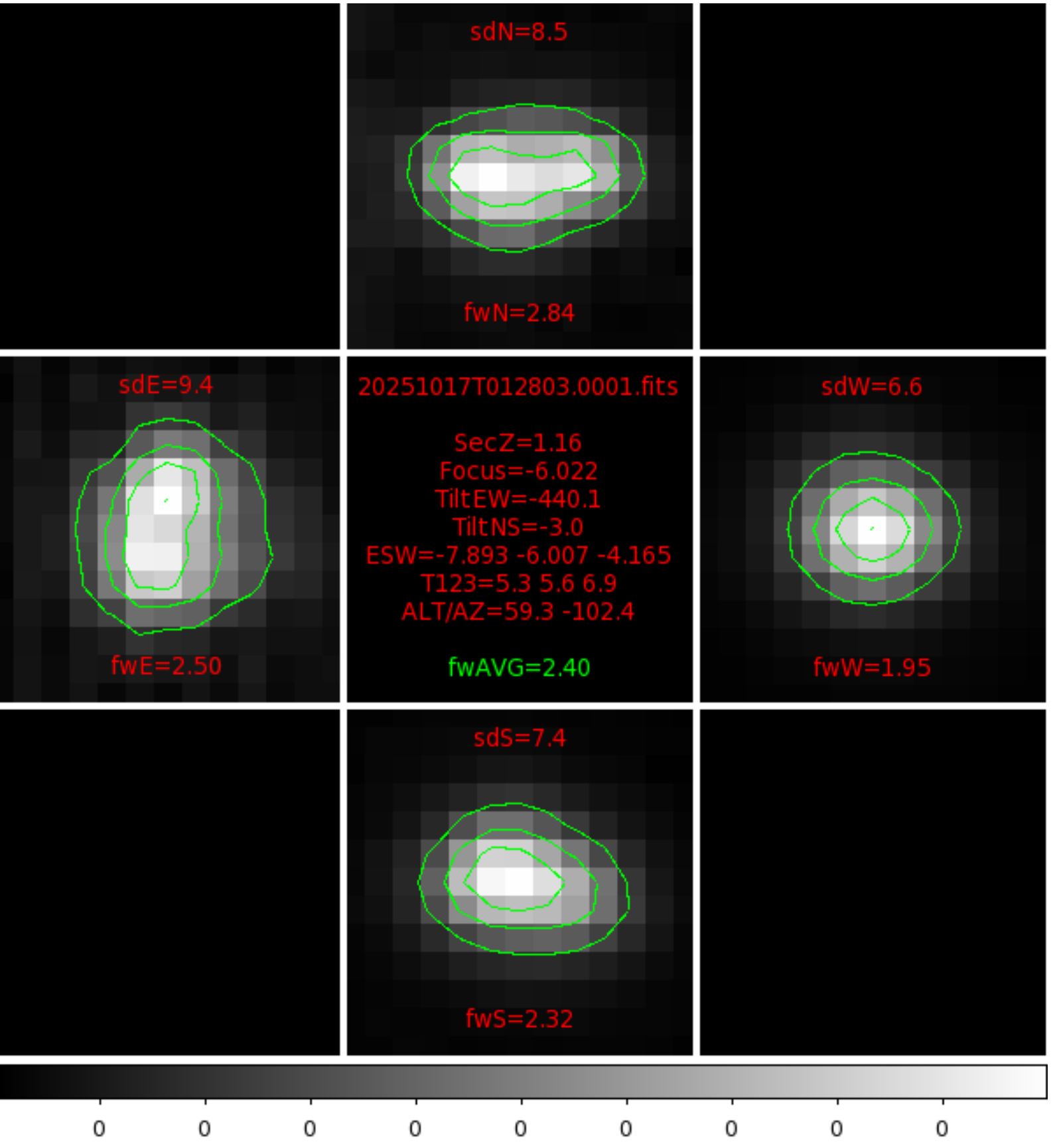
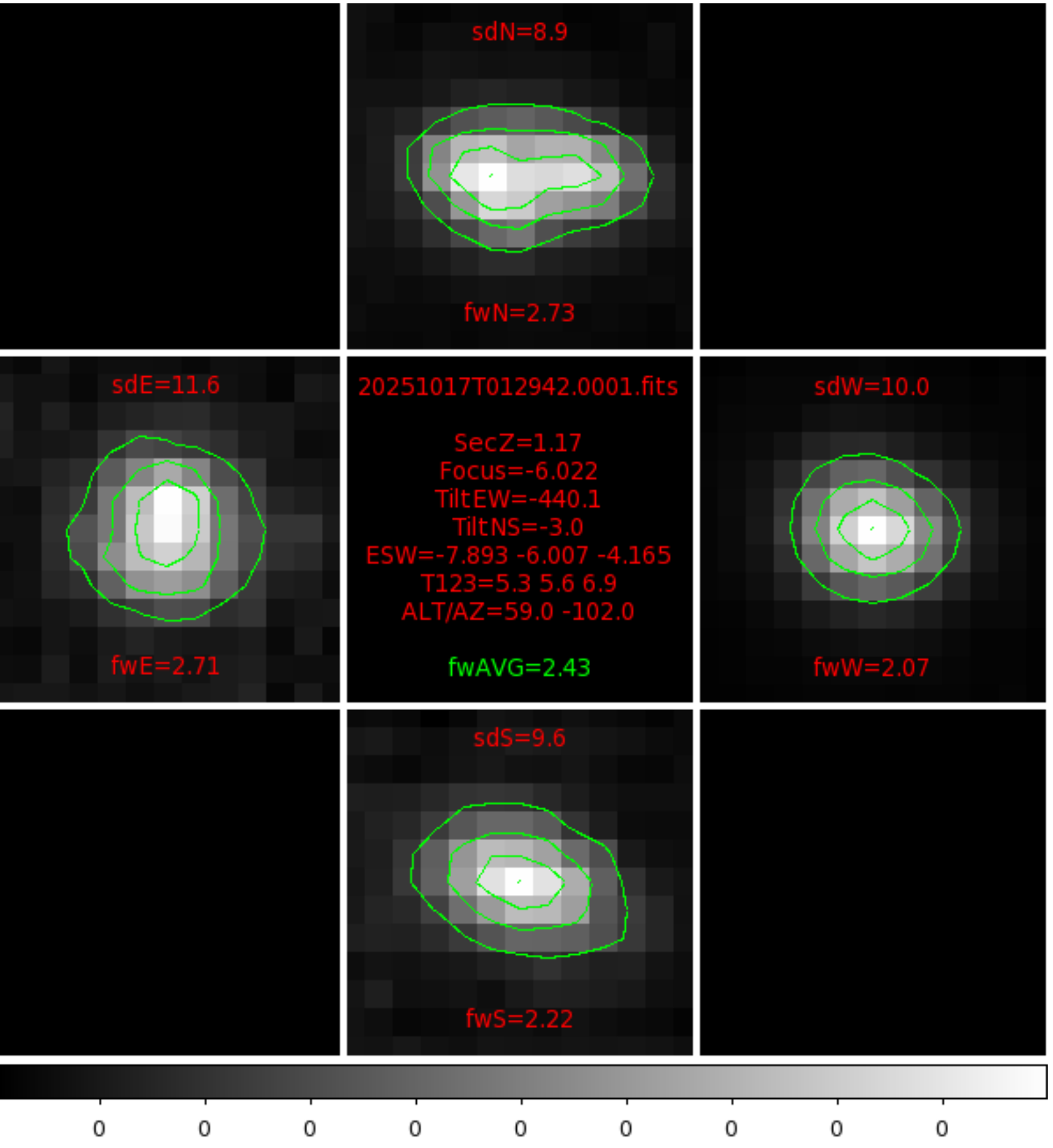

sdN=45.6
fwN=2.65
sdE=28.5
fwE=2.41
20251017T012348.0001.fits
SecZ=1.08
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.1 5.6 7.0
ALT/AZ=68.1 -90.0
fwAVG=2.25
sdW=14.2
fwW=1.80
sdS=7.0
fwS=2.12
0 0 0 0 0 0 0 0 0

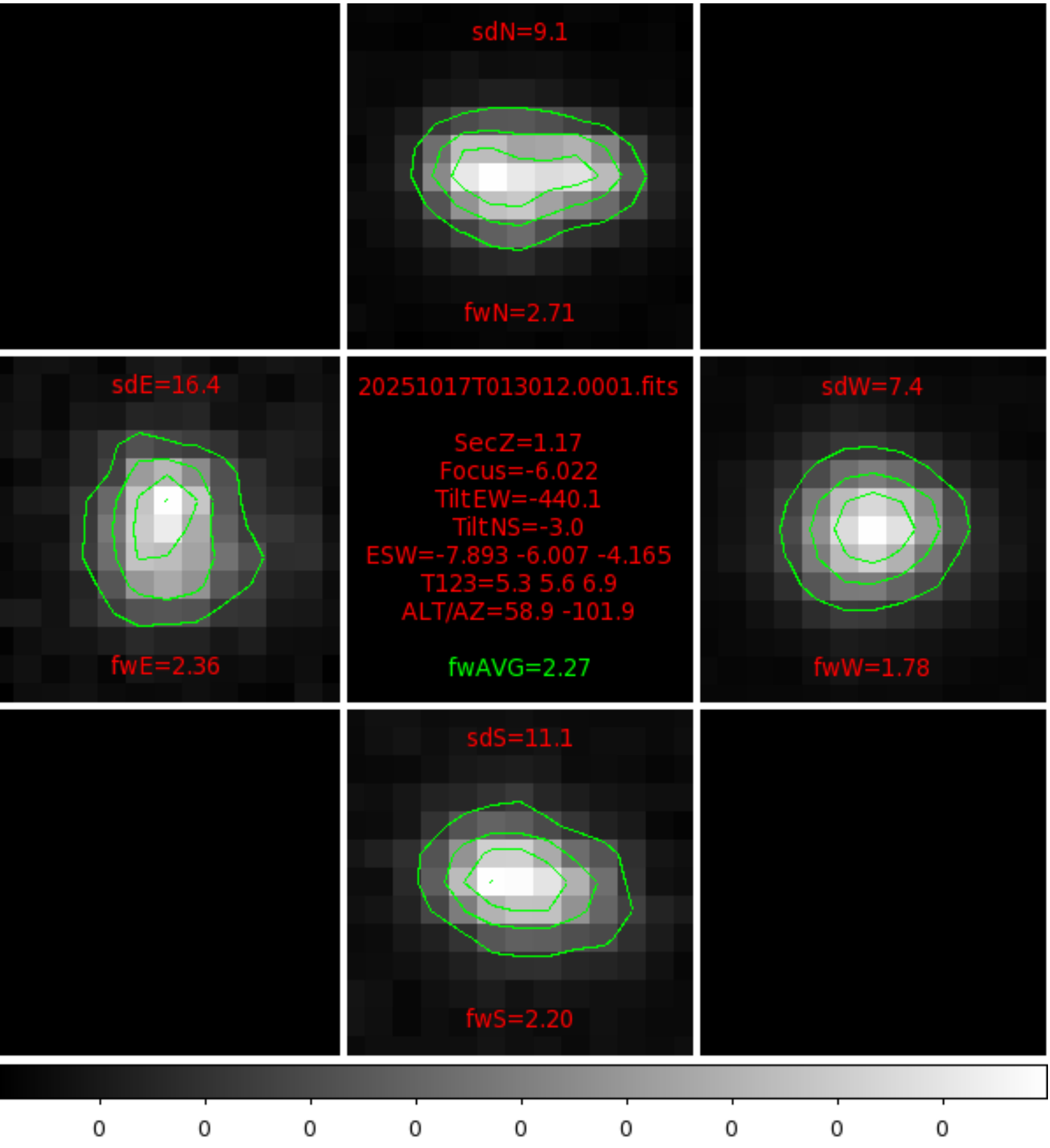

sdN=65.7
fwN=2.60
sdE=51.4
fwE=2.60
20251017T012526.0001.fits
SecZ=1.08
Focus=-6.029
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.900 -6.014 -4.172
T123=5.2 5.6 6.9
ALT/AZ=67.7 -89.8
fwAVG=2.31
sdW=19.3
fwW=1.90
sdS=8.1
fwS=2.14
0 0 0 0 0 0 0 0 0

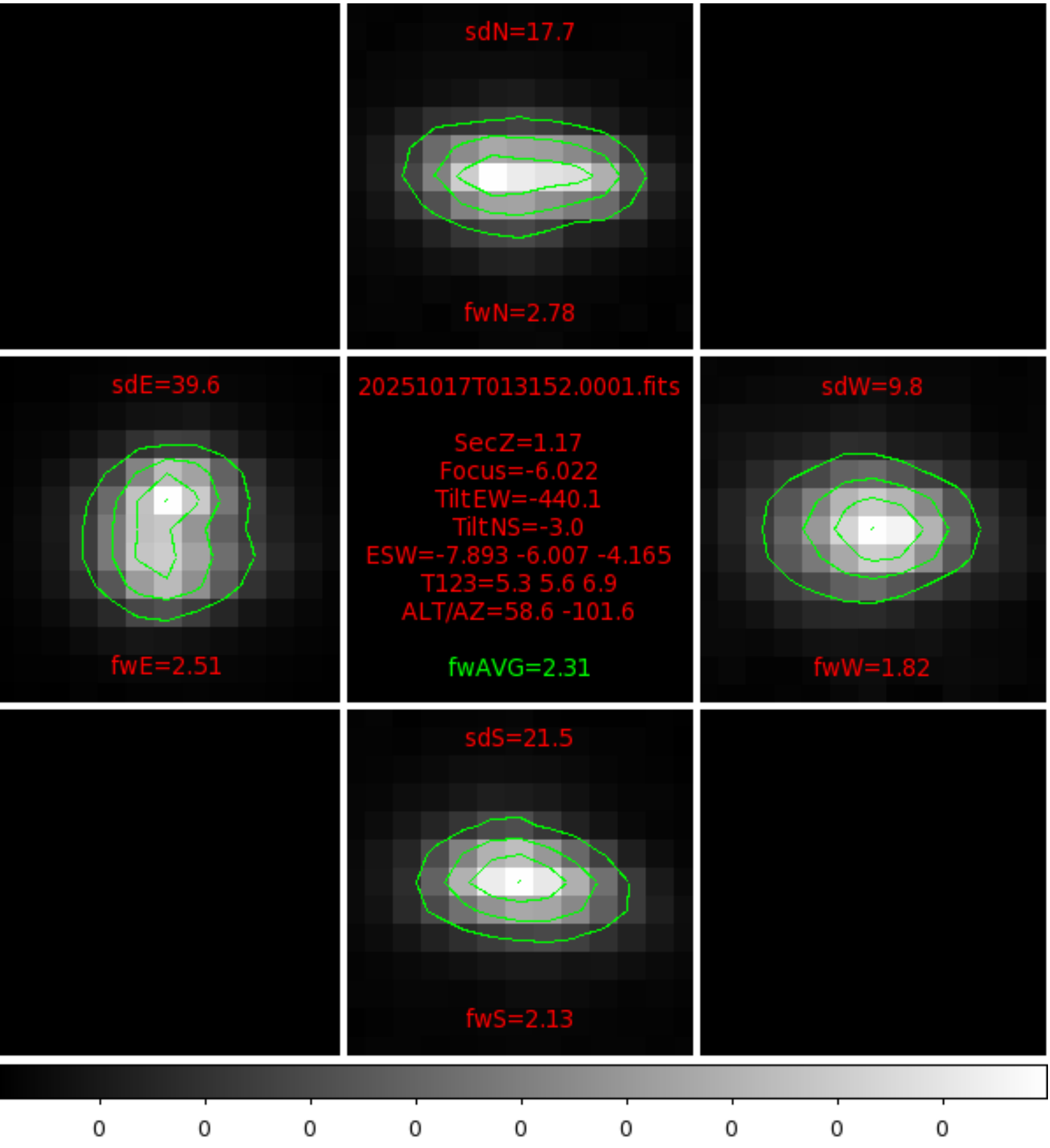

sdN=107.9
fwN=2.47
sdE=88.2
fwE=2.51
20251017T012556.0001.fits
SecZ=1.08
Focus=-6.029
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.900 -6.014 -4.172
T123=5.2 5.6 6.9
ALT/AZ=67.6 -89.7
fwAVG=2.15
sdW=34.6
fwW=1.71
sdS=11.1
fwS=1.93
0 0 0 0 0 0 0 0 0


sdN=61.9
fwN=2.62
sdE=46.5
fwE=2.57
20251017T012733.0001.fits
SecZ=1.16
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.3 5.6 6.9
ALT/AZ=59.4 -102.5
fwAVG=2.24
sdW=23.1
fwW=1.74
sdS=9.7
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=8.5
fwN=2.84
sdE=9.4
fwE=2.50
20251017T012803.0001.fits
SecZ=1.16
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.3 5.6 6.9
ALT/AZ=59.3 -102.4
fwAVG=2.40
sdW=6.6
fwW=1.95
sdS=7.4
fwS=2.32
0 0 0 0 0 0 0 0 0


sdN=8.9
fwN=2.73
sdE=11.6
fwE=2.71
20251017T012942.0001.fits
SecZ=1.17
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.3 5.6 6.9
ALT/AZ=59.0 -102.0
fwAVG=2.43
sdW=10.0
fwW=2.07
sdS=9.6
fwS=2.22
0 0 0 0 0 0 0 0 0


sdN=9.1
fwN=2.71
sdE=16.4
fwE=2.36
20251017T013012.0001.fits
SecZ=1.17
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.3 5.6 6.9
ALT/AZ=58.9 -101.9
fwAVG=2.27
sdW=7.4
fwW=1.78
sdS=11.1
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=17.7
fwN=2.78
sdE=39.6
fwE=2.51
20251017T013152.0001.fits
SecZ=1.17
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.3 5.6 6.9
ALT/AZ=58.6 -101.6
fwAVG=2.31
sdW=9.8
fwW=1.82
sdS=21.5
fwS=2.13
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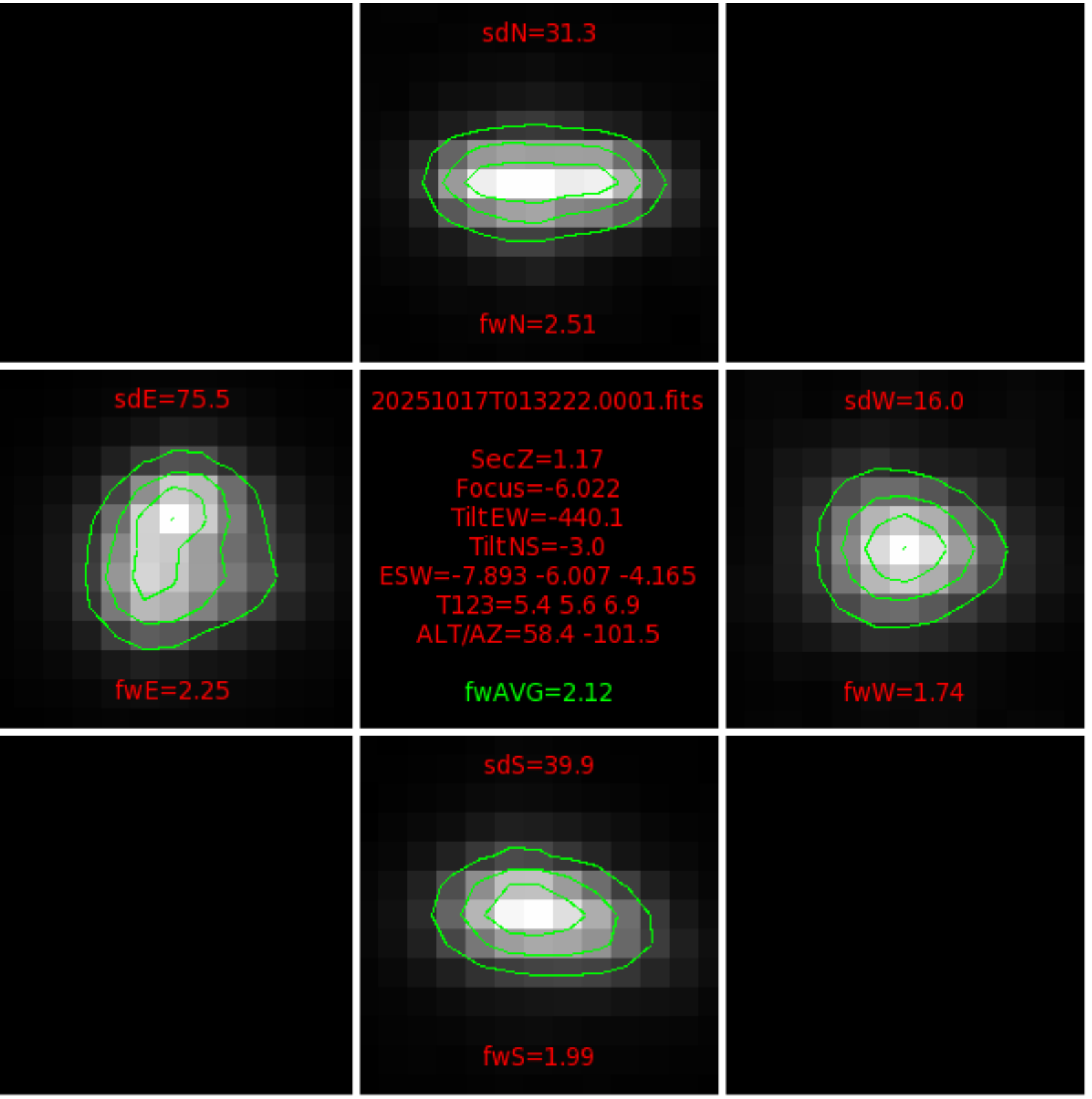
sdN=31.3
fwN=2.51
sdE=75.5
fwE=2.25
20251017T013222.0001.fits
SecZ=1.17
Focus=-6.022
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.893 -6.007 -4.165
T123=5.4 5.6 6.9
ALT/AZ=58.4 -101.5
fwAVG=2.12
sdW=16.0
fwW=1.74
sdS=39.9
fwS=1.99
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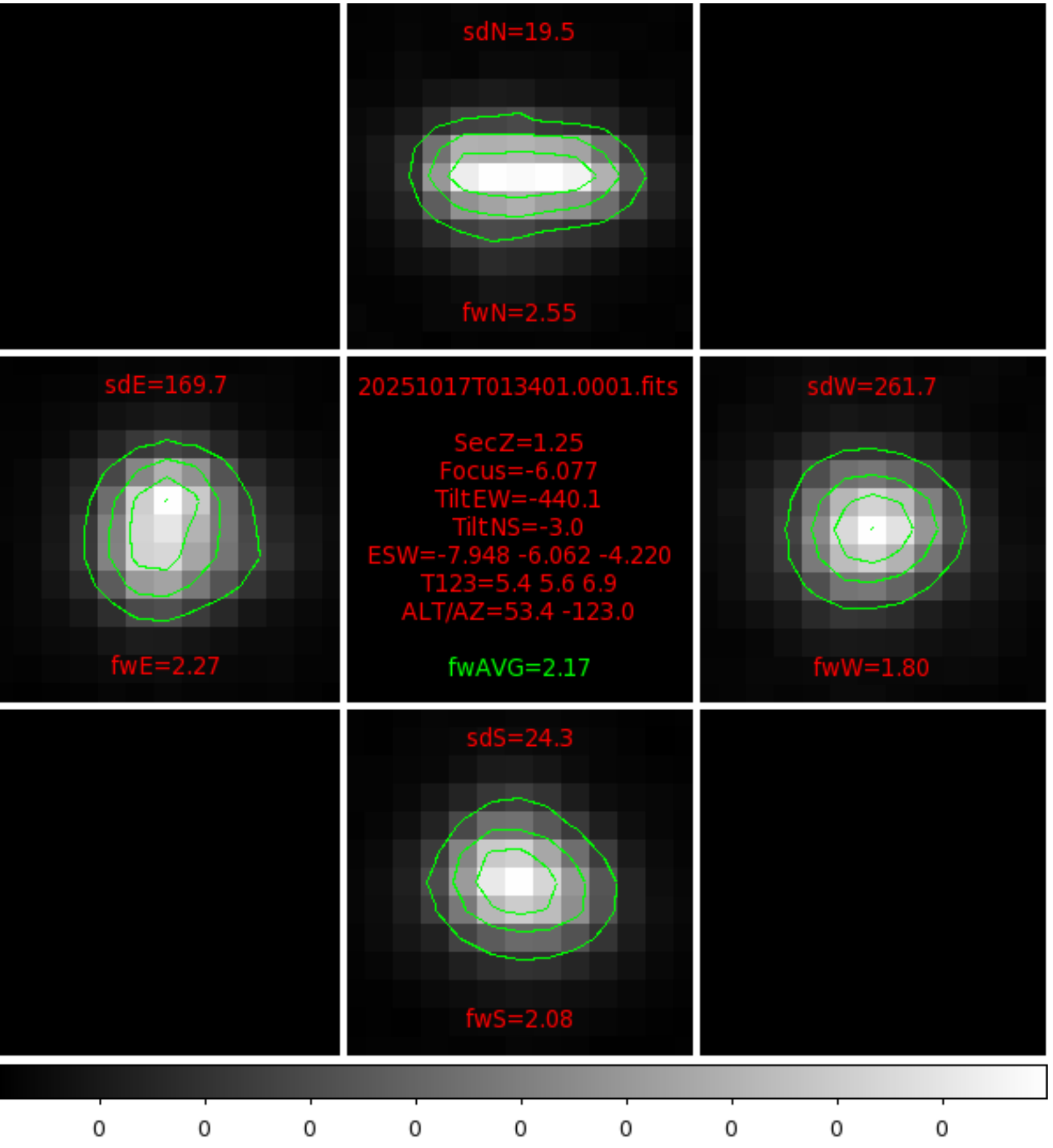
sdN=19.5
fwN=2.55
sdE=169.7
fwE=2.27
20251017T013401.0001.fits
SecZ=1.25
Focus=-6.077
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.948 -6.062 -4.220
T123=5.4 5.6 6.9
ALT/AZ=53.4 -123.0
fwAVG=2.17
sdW=261.7
fwW=1.80
sdS=24.3
fwS=2.08
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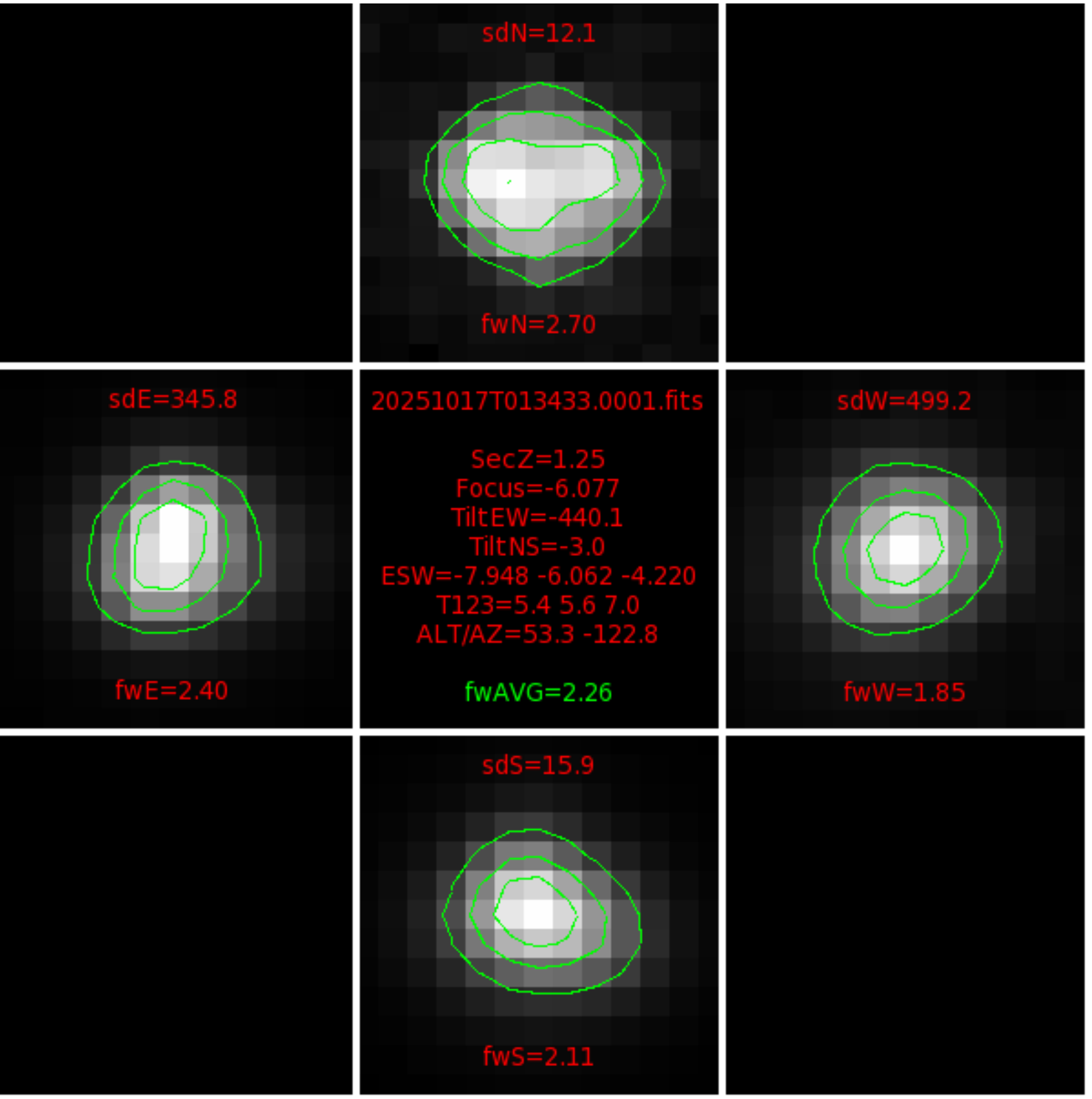
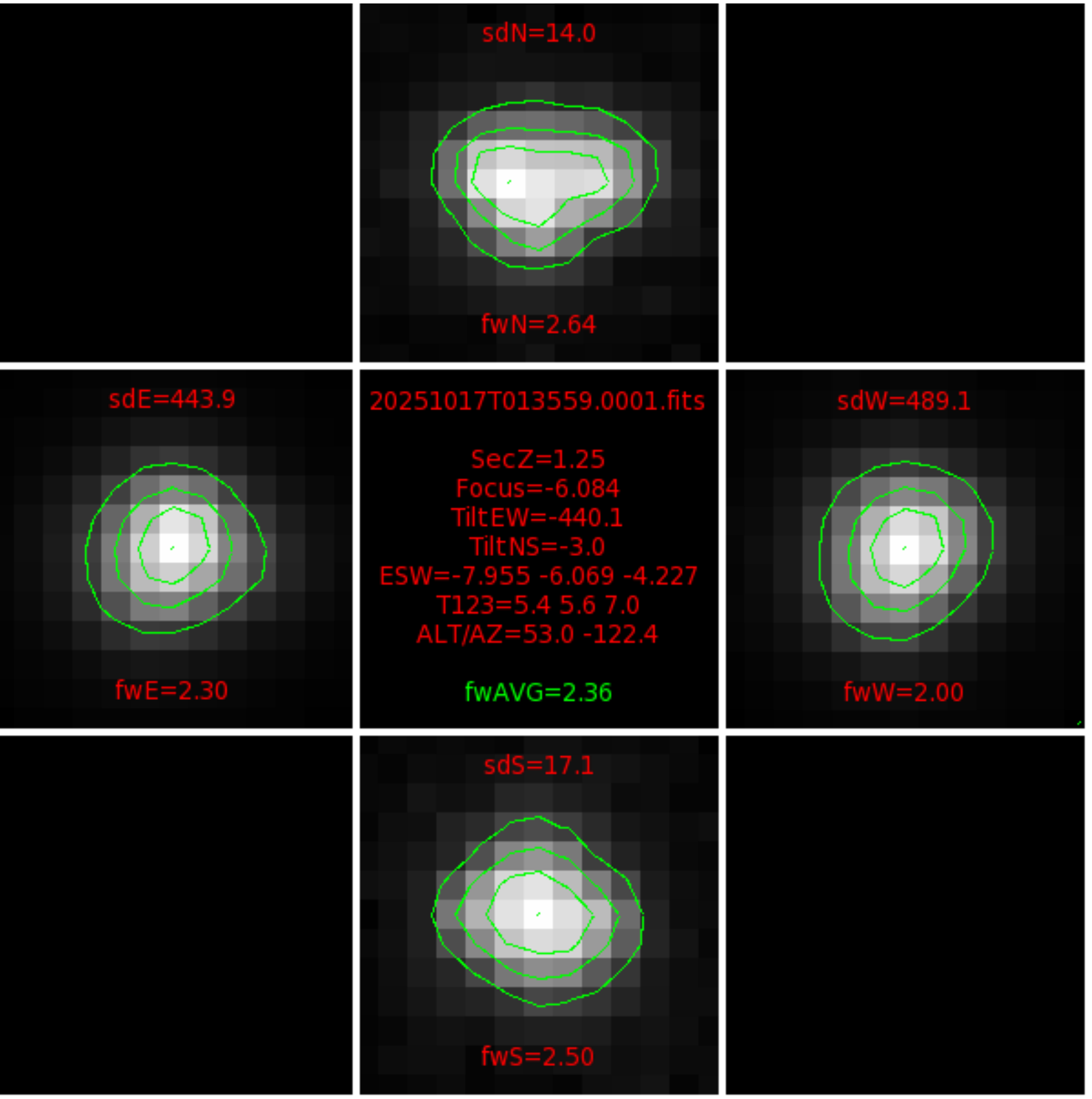
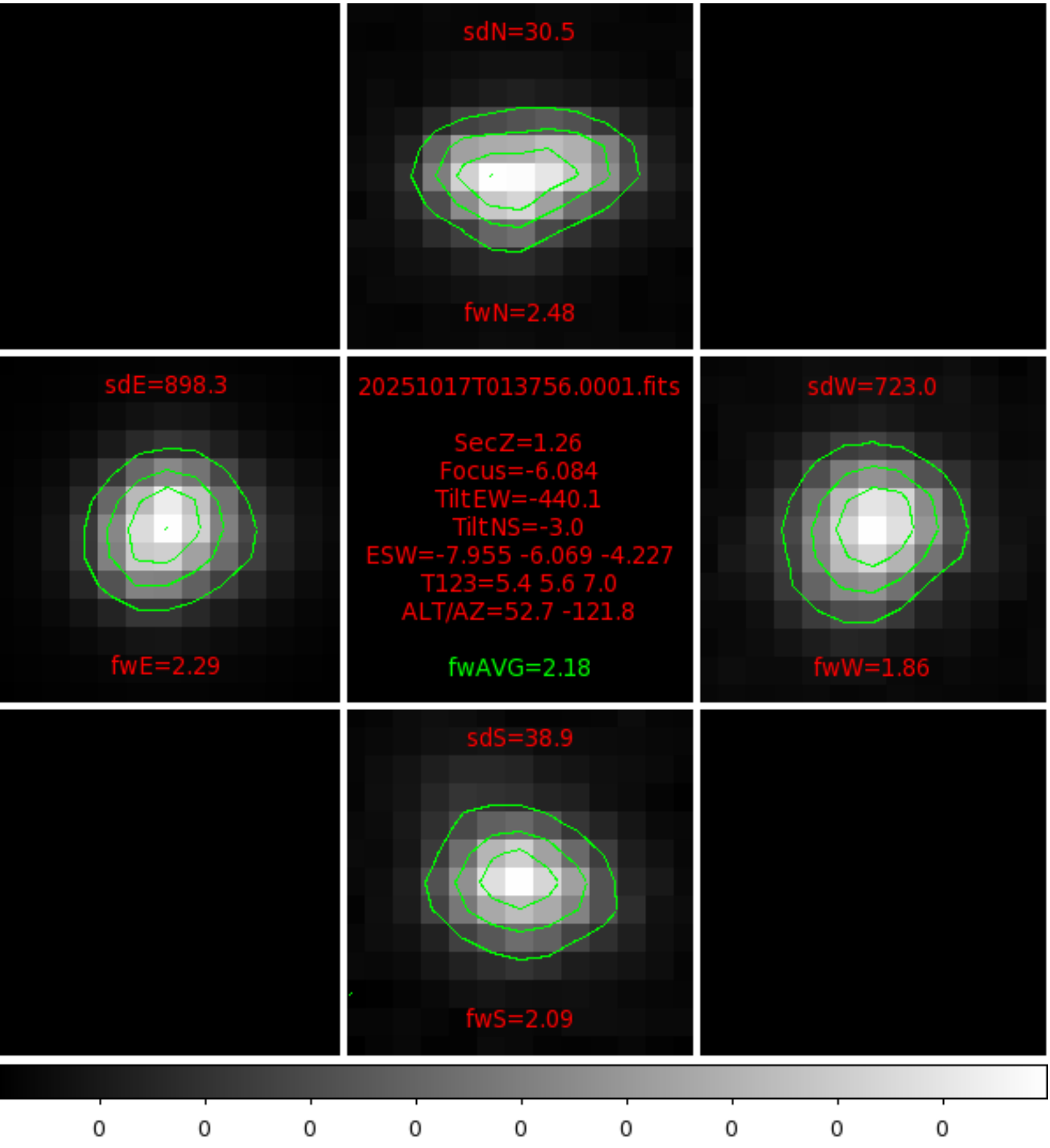

sdN=12.1
fwN=2.70
sdE=345.8
fwE=2.40
20251017T013433.0001.fits
SecZ=1.25
Focus=-6.077
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.948 -6.062 -4.220
T123=5.4 5.6 7.0
ALT/AZ=53.3 -122.8
fwAVG=2.26
sdW=499.2
fwW=1.85
sdS=15.9
fwS=2.11
0 0 0 0 0 0 0 0 0


sdN=14.0
fwN=2.64
sdE=443.9
fwE=2.30
20251017T013559.0001.fits
SecZ=1.25
Focus=-6.084
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.955 -6.069 -4.227
T123=5.4 5.6 7.0
ALT/AZ=53.0 -122.4
fwAVG=2.36
sdW=489.1
fwW=2.00
sdS=17.1
fwS=2.50
0 0 0 0 0 0 0 0 0


sdN=30.5
fwN=2.48
sdE=898.3
fwE=2.29
20251017T013756.0001.fits
SecZ=1.26
Focus=-6.084
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.955 -6.069 -4.227
T123=5.4 5.6 7.0
ALT/AZ=52.7 -121.8
fwAVG=2.18
sdW=723.0
fwW=1.86
sdS=38.9
fwS=2.09
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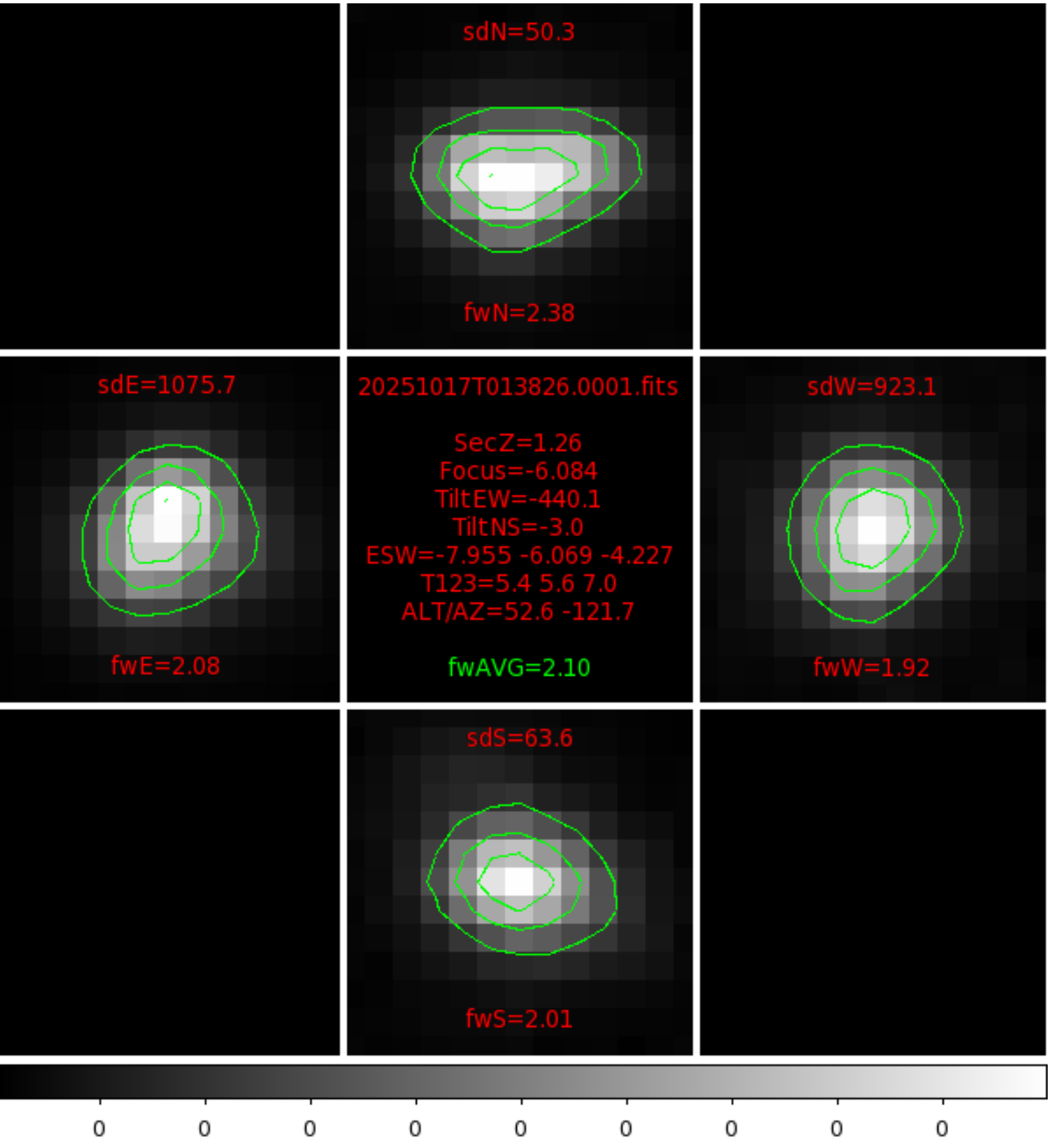
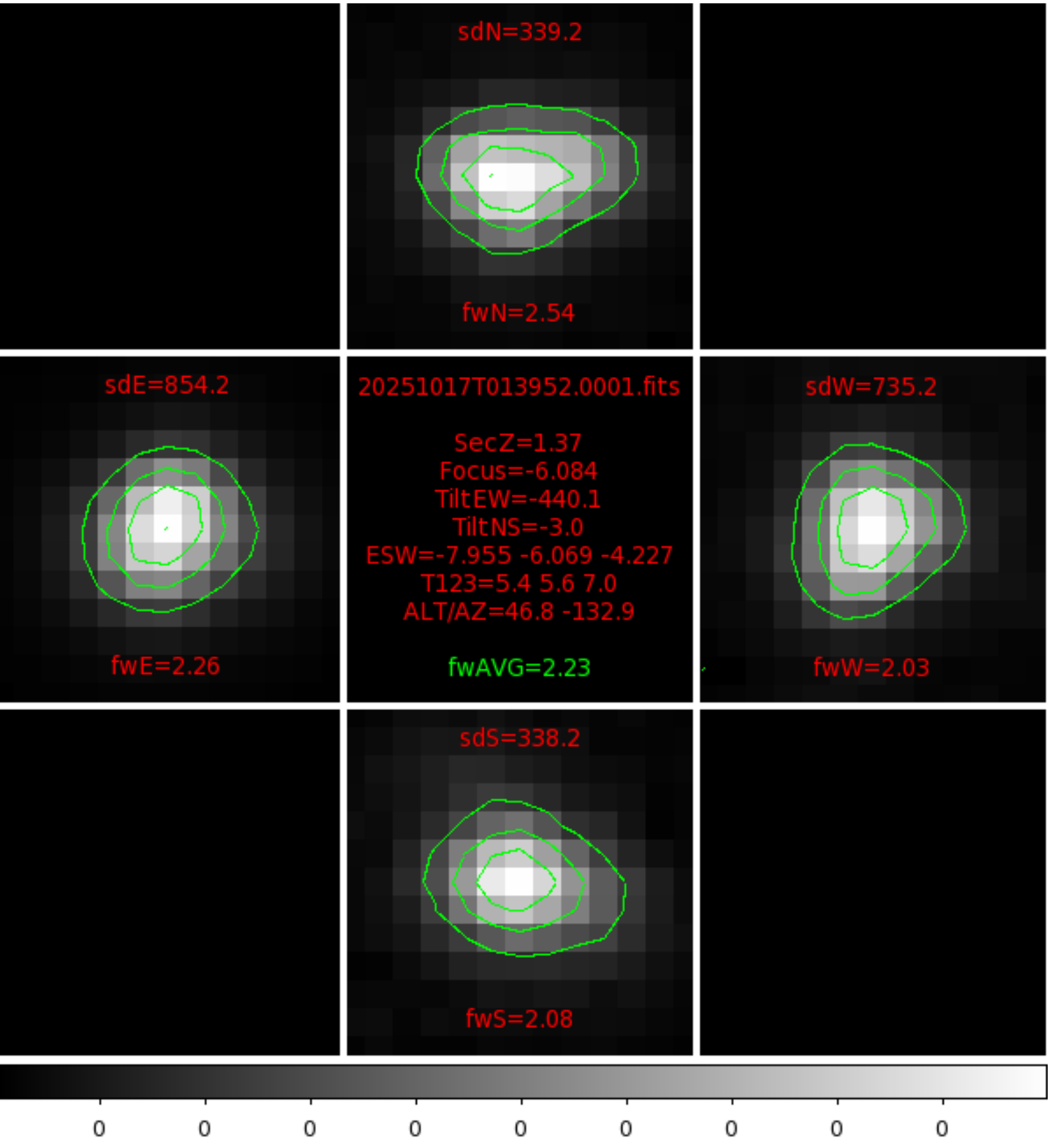
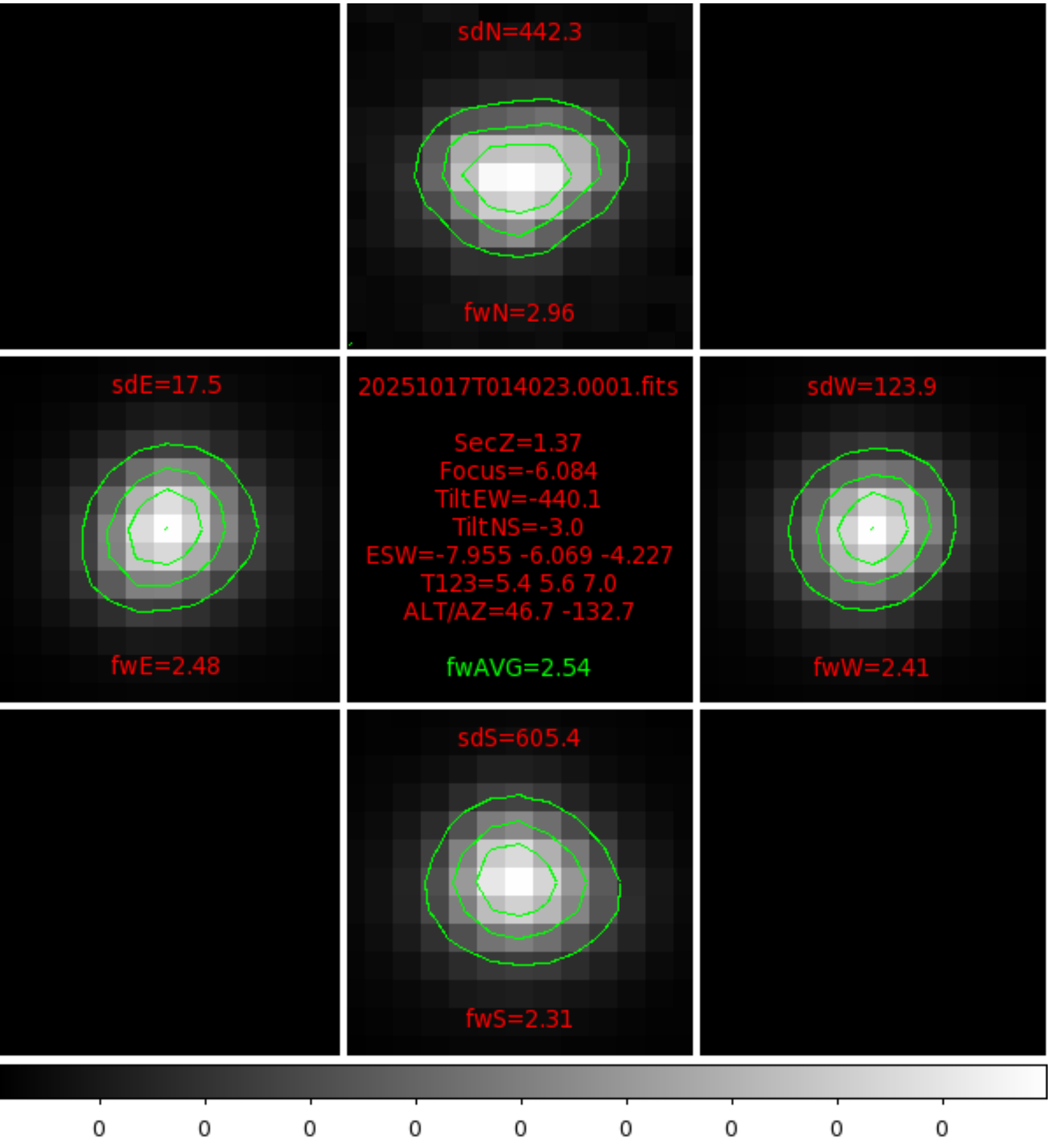

sdN=50.3
fwN=2.38
sdE=1075.7
fwE=2.08
20251017T013826.0001.fits
SecZ=1.26
Focus=-6.084
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.955 -6.069 -4.227
T123=5.4 5.6 7.0
ALT/AZ=52.6 -121.7
fwAVG=2.10
sdW=923.1
fwW=1.92
sdS=63.6
fwS=2.01
0 0 0 0 0 0 0 0 0


sdN=339.2
fwN=2.54
sdE=854.2
fwE=2.26
20251017T013952.0001.fits
SecZ=1.37
Focus=-6.084
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.955 -6.069 -4.227
T123=5.4 5.6 7.0
ALT/AZ=46.8 -132.9
fwAVG=2.23
sdW=735.2
fwW=2.03
sdS=338.2
fwS=2.08
0 0 0 0 0 0 0 0 0


sdN=442.3
fwN=2.96
sdE=17.5
fwE=2.48
20251017T014023.0001.fits
SecZ=1.37
Focus=-6.084
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.955 -6.069 -4.227
T123=5.4 5.6 7.0
ALT/AZ=46.7 -132.7
fwAVG=2.54
sdW=123.9
fwW=2.41
sdS=605.4
fwS=2.31
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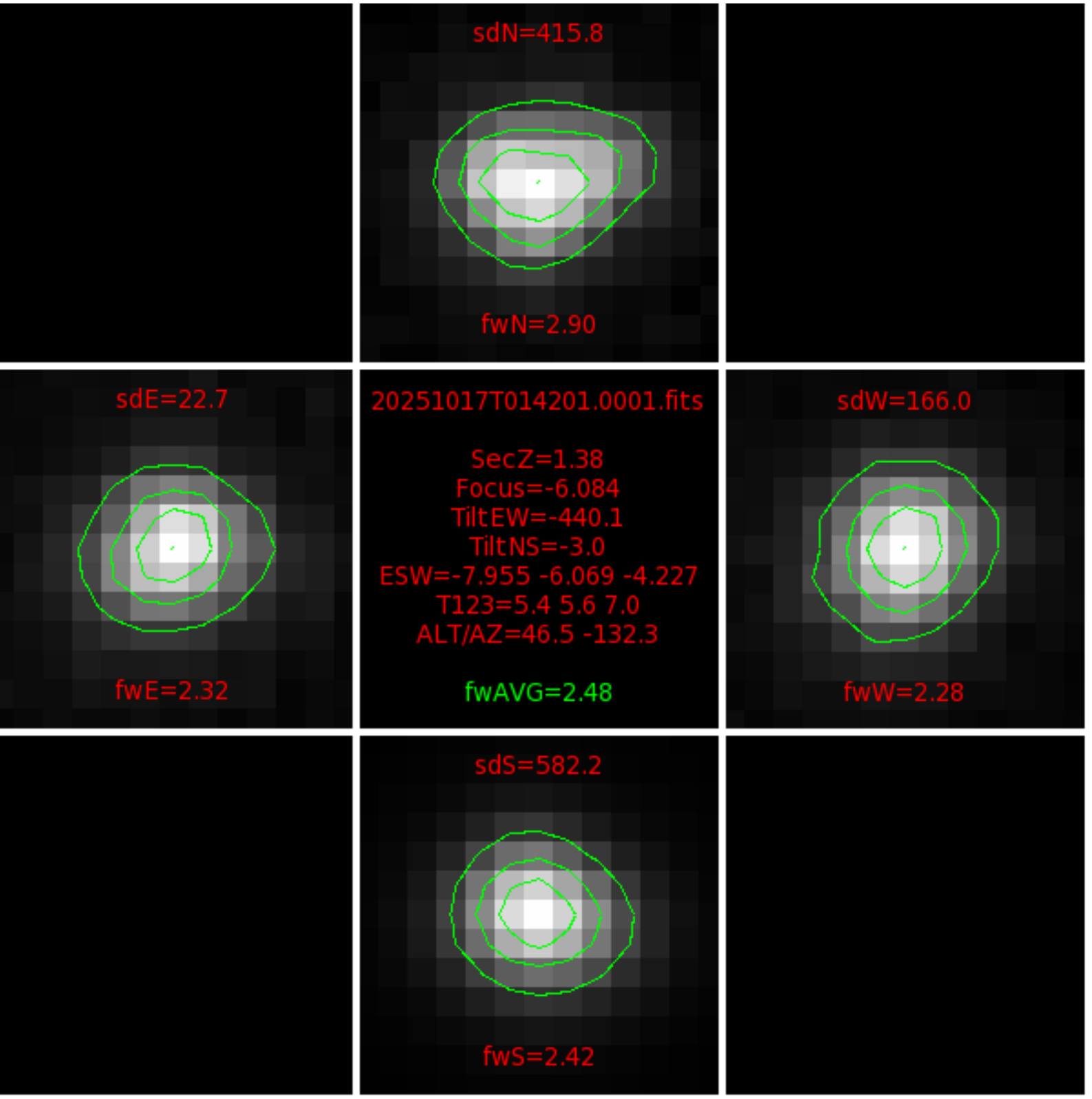
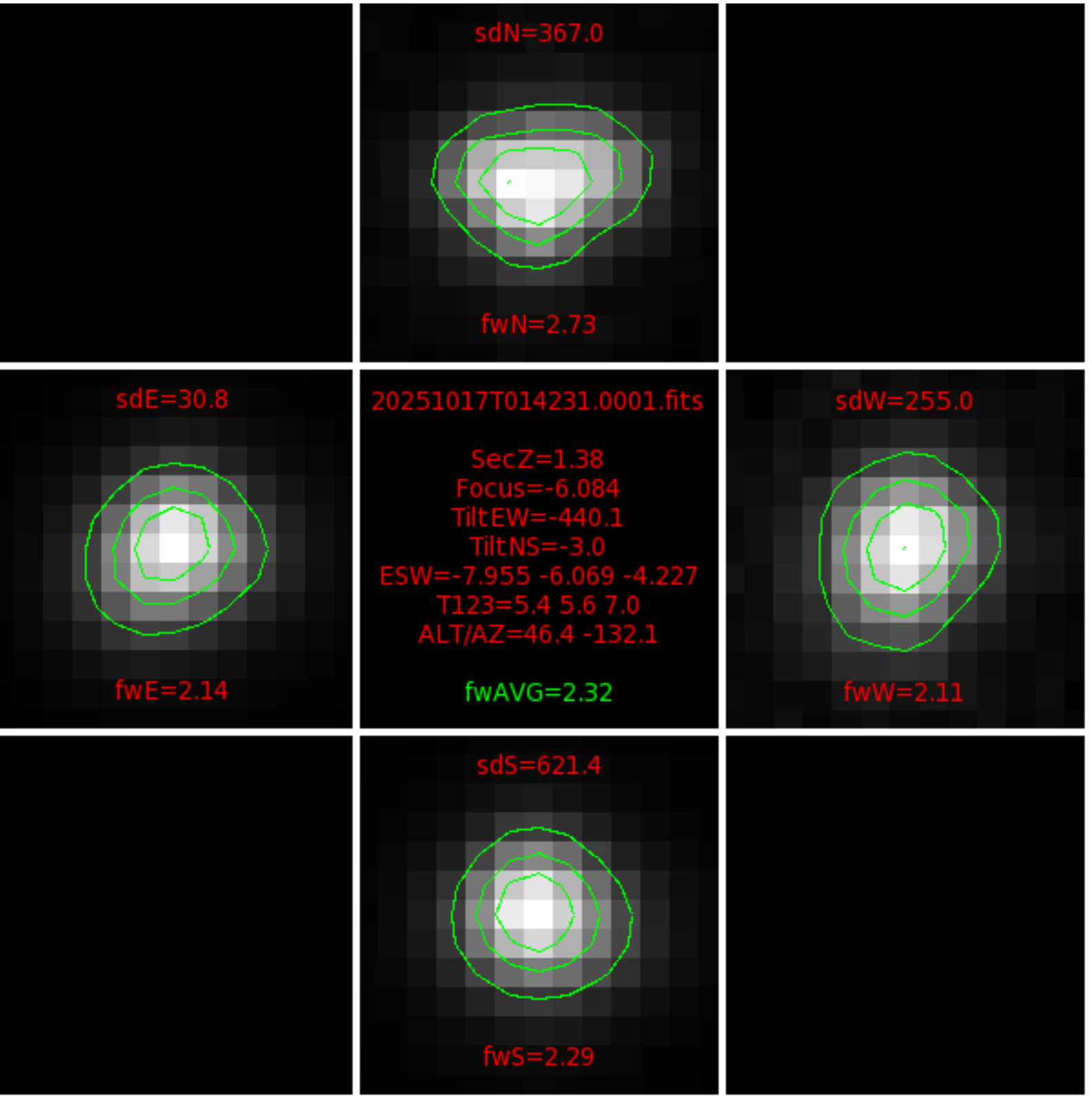
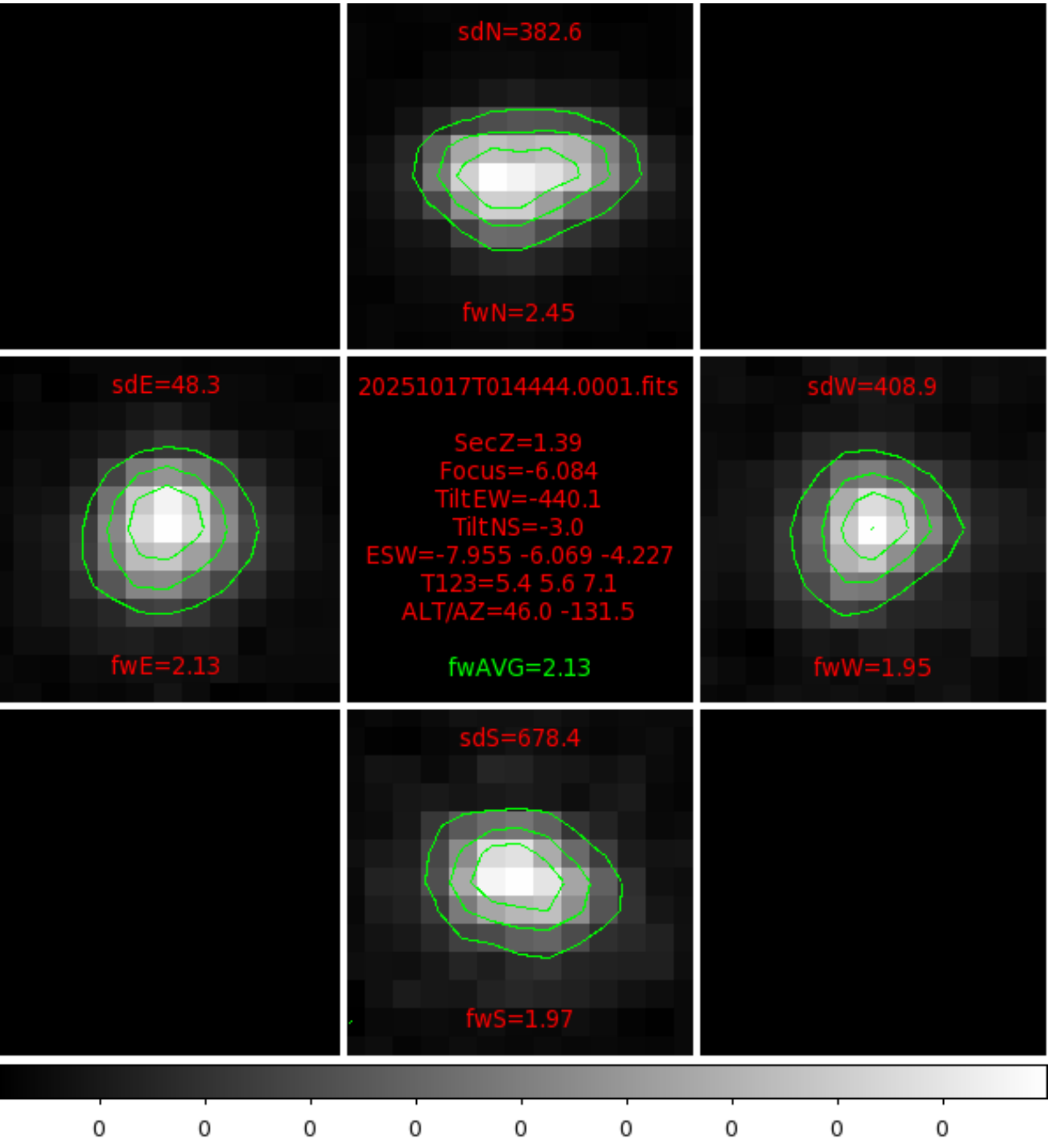

sdN=415.8
fwN=2.90
sdE=22.7
fwE=2.32
20251017T014201.0001.fits
SecZ=1.38
Focus=-6.084
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.955 -6.069 -4.227
T123=5.4 5.6 7.0
ALT/AZ=46.5 -132.3
fwAVG=2.48
sdW=166.0
fwW=2.28
sdS=582.2
fwS=2.42
0 0 0 0 0 0 0 0 0


sdN=367.0
fwN=2.73
sdE=30.8
fwE=2.14
20251017T014231.0001.fits
SecZ=1.38
Focus=-6.084
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.955 -6.069 -4.227
T123=5.4 5.6 7.0
ALT/AZ=46.4 -132.1
fwAVG=2.32
sdW=255.0
fwW=2.11
sdS=621.4
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=382.6
fwN=2.45
sdE=48.3
fwE=2.13
20251017T014444.0001.fits
SecZ=1.39
Focus=-6.084
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.955 -6.069 -4.227
T123=5.4 5.6 7.1
ALT/AZ=46.0 -131.5
fwAVG=2.13
sdW=408.9
fwW=1.95
sdS=678.4
fwS=1.97
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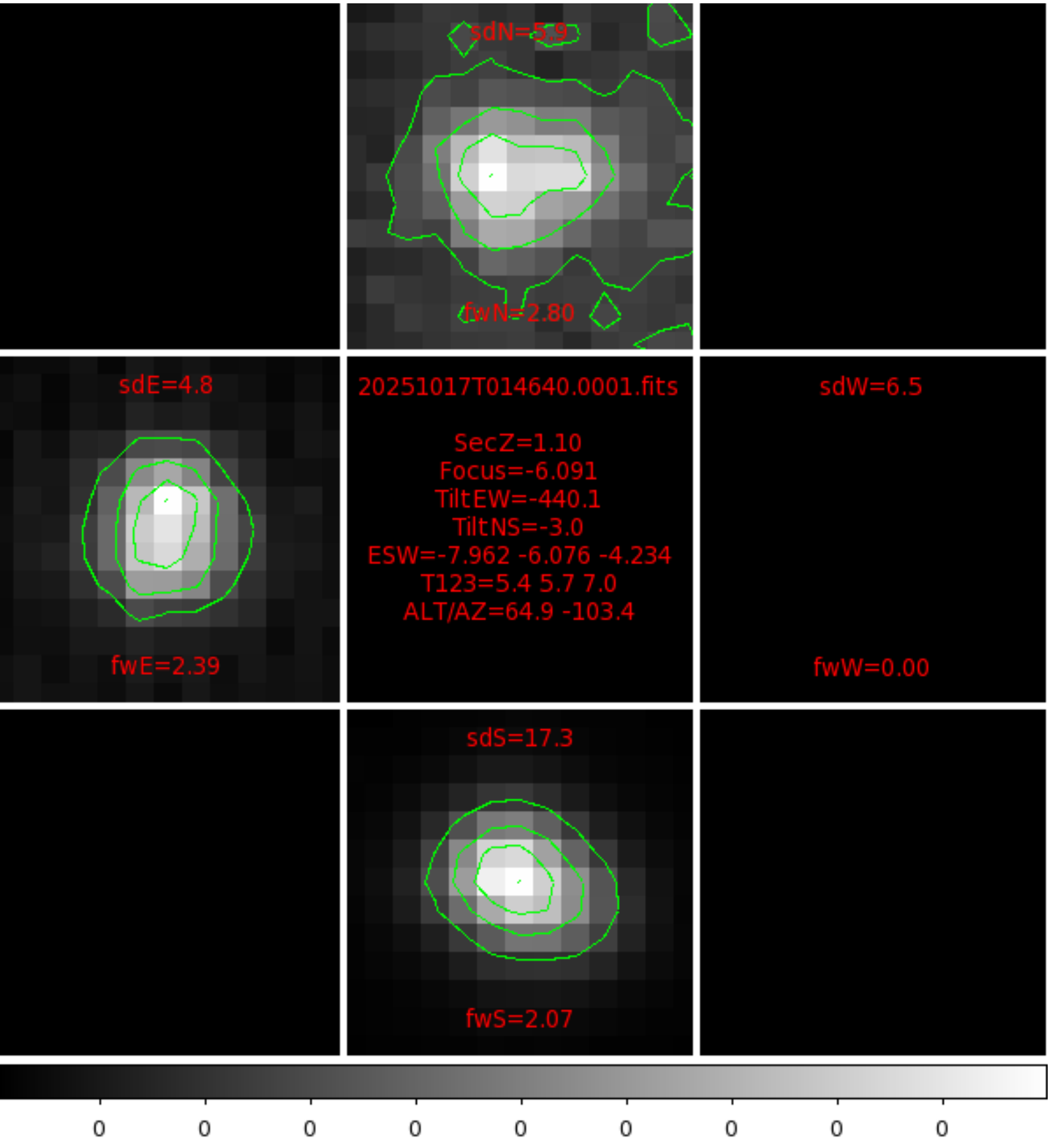
sdN=5.9
fwN=2.80
sdE=4.8
fwE=2.39
20251017T014640.0001.fits
SecZ=1.10
Focus=-6.091
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.962 -6.076 -4.234
T123=5.4 5.7 7.0
ALT/AZ=64.9 -103.4
sdW=6.5
fwW=0.00
sdS=17.3
fwS=2.07
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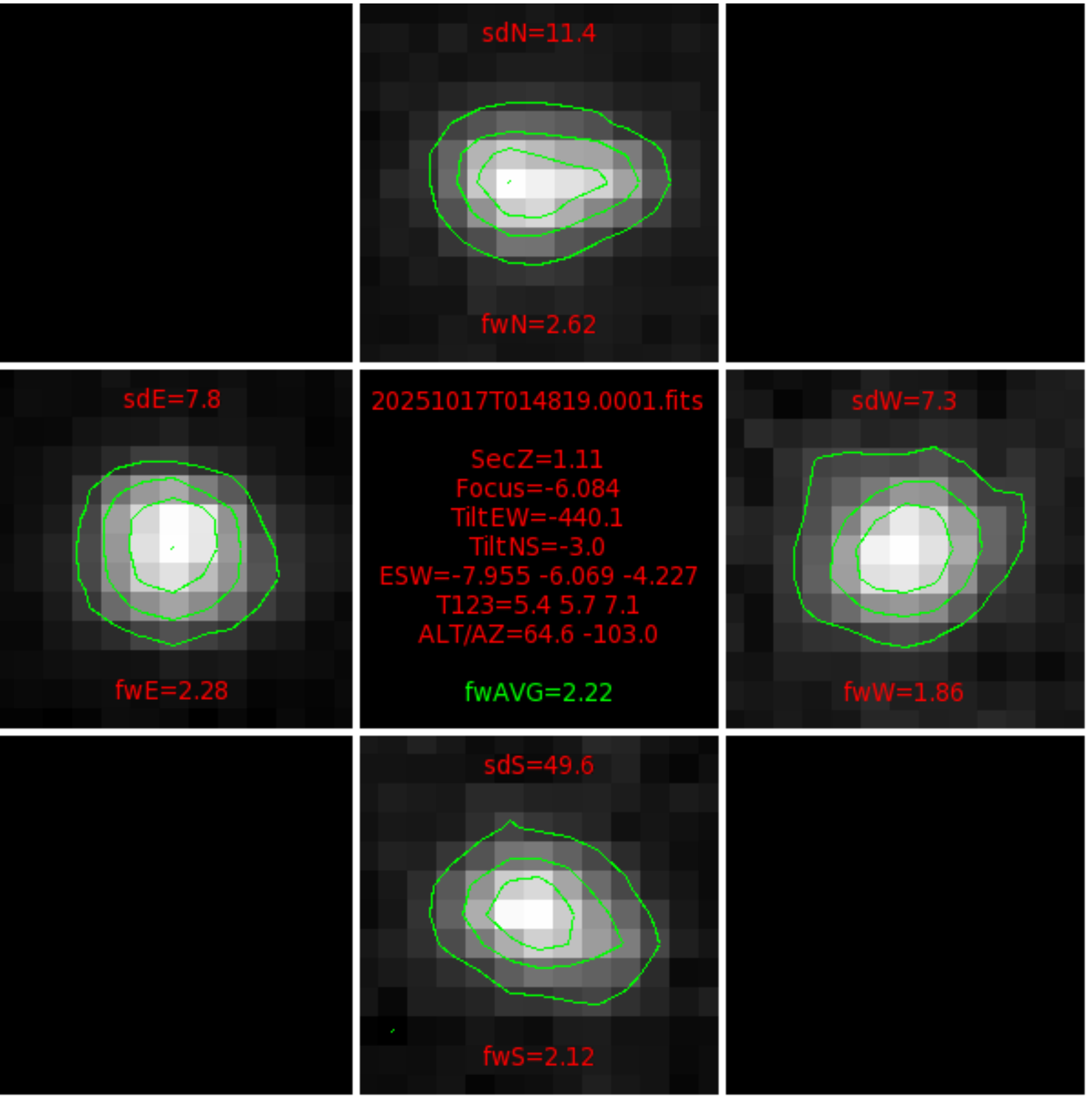
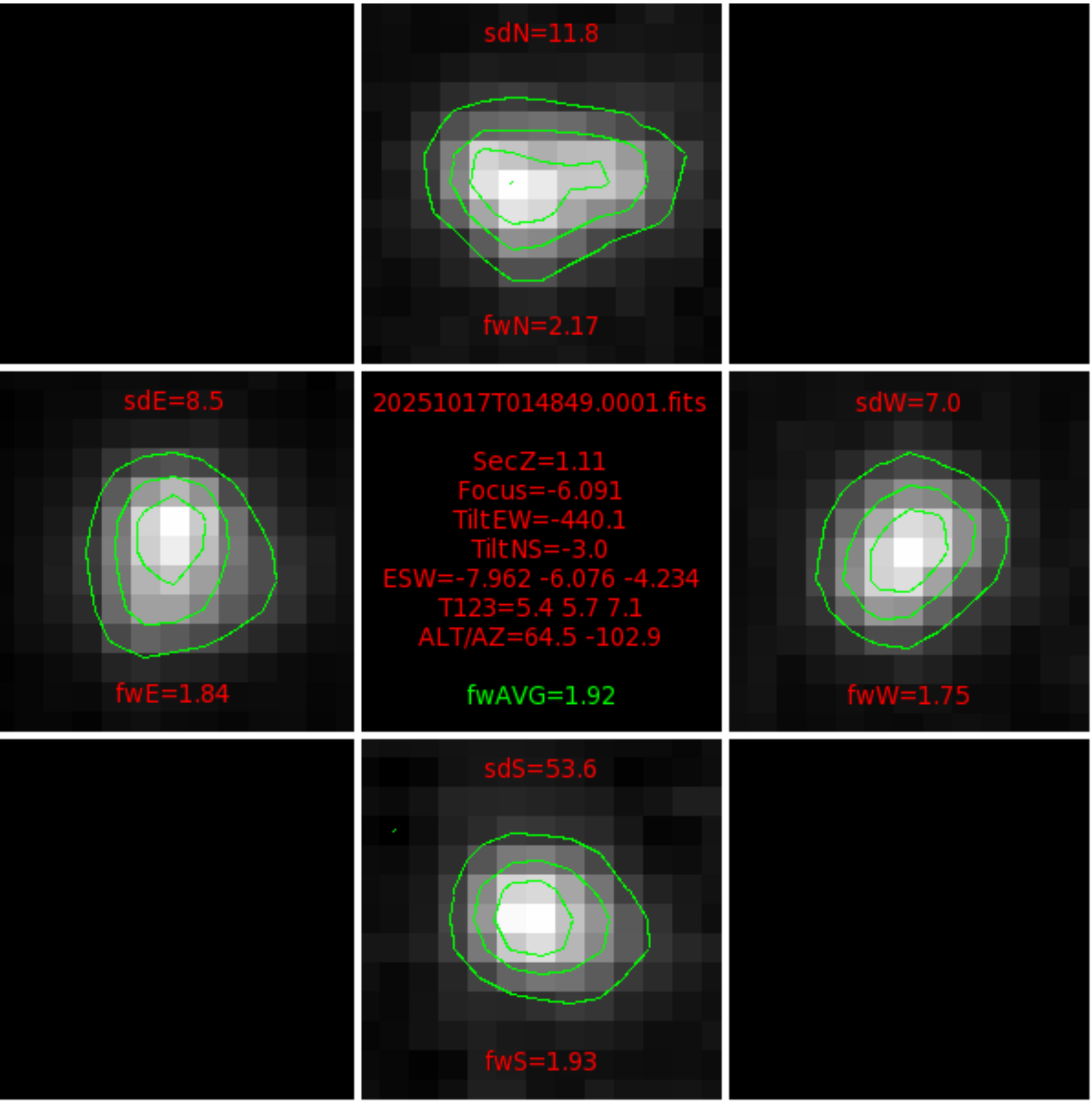

sdN=11.4
fwN=2.62
sdE=7.8
fwE=2.28
20251017T014819.0001.fits
SecZ=1.11
Focus=-6.084
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.955 -6.069 -4.227
T123=5.4 5.7 7.1
ALT/AZ=64.6 -103.0
fwAVG=2.22
sdW=7.3
fwW=1.86
sdS=49.6
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=11.8
fwN=2.17
sdE=8.5
fwE=1.84
20251017T014849.0001.fits
SecZ=1.11
Focus=-6.091
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.962 -6.076 -4.234
T123=5.4 5.7 7.1
ALT/AZ=64.5 -102.9
fwAVG=1.92
sdW=7.0
fwW=1.75
sdS=53.6
fwS=1.93
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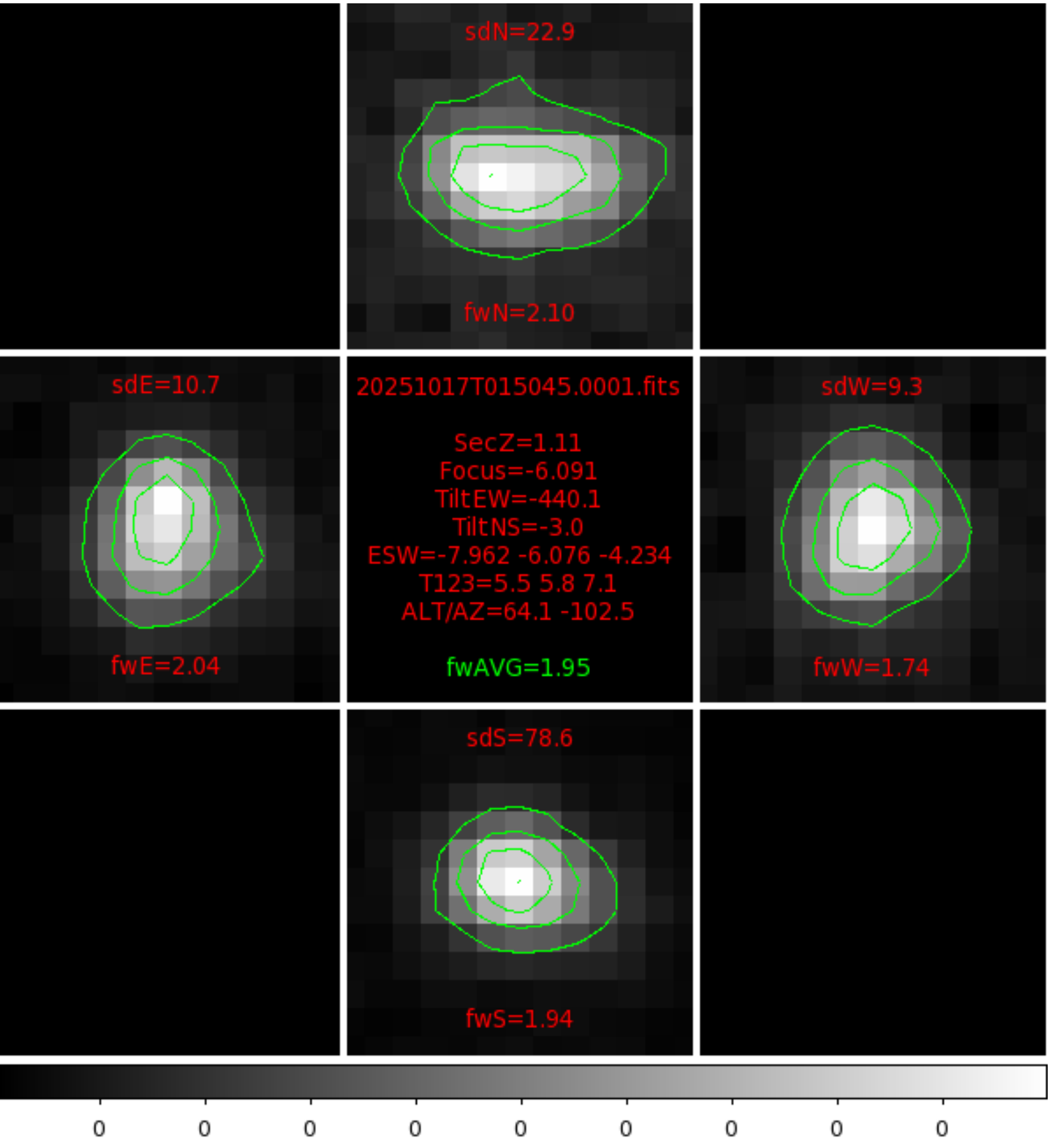
sdN=22.9
fwN=2.10
sdE=10.7
fwE=2.04
20251017T015045.0001.fits
SecZ=1.11
Focus=-6.091
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.962 -6.076 -4.234
T123=5.5 5.8 7.1
ALT/AZ=64.1 -102.5
fwAVG=1.95
sdW=9.3
fwW=1.74
sdS=78.6
fwS=1.94
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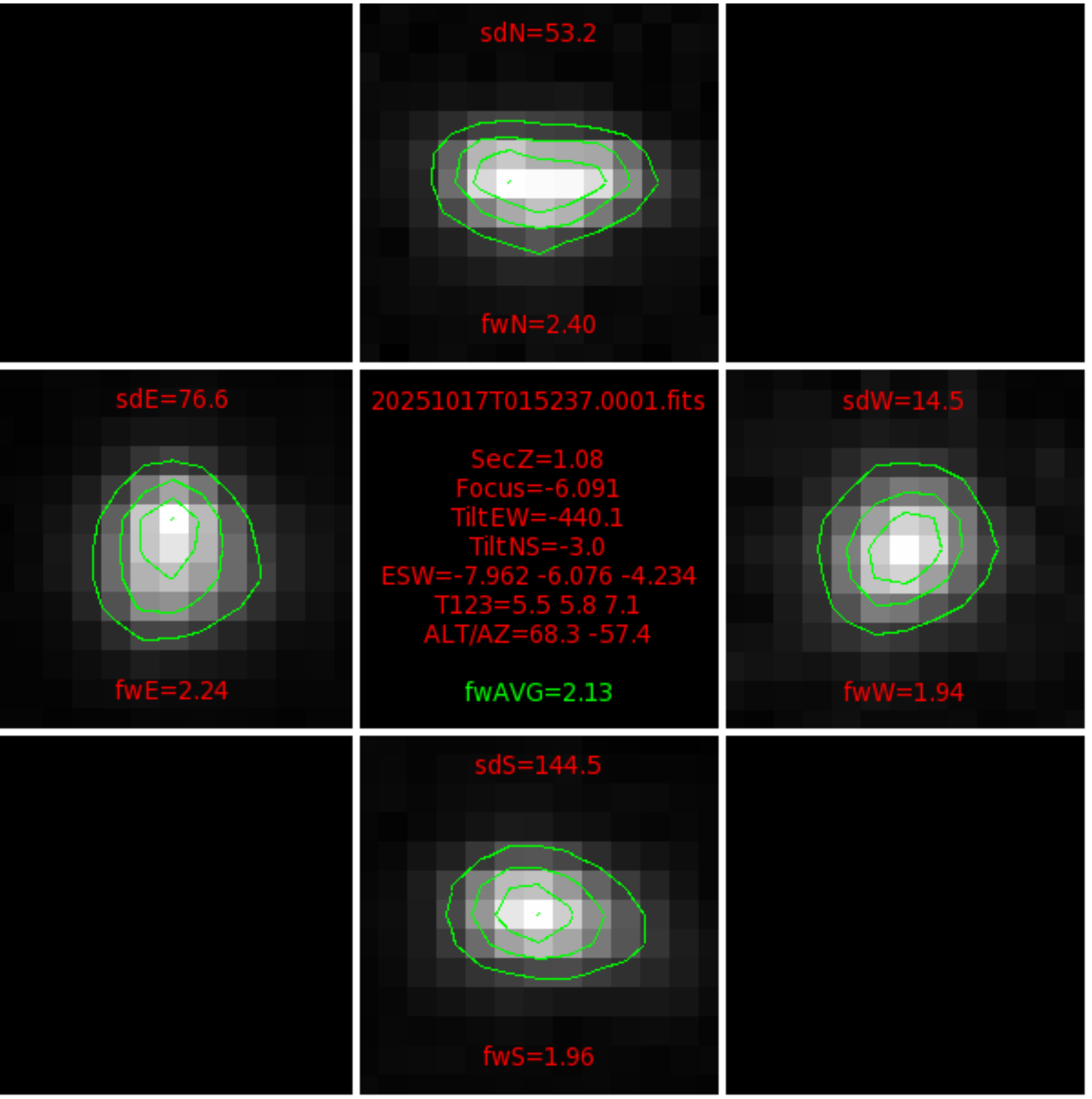
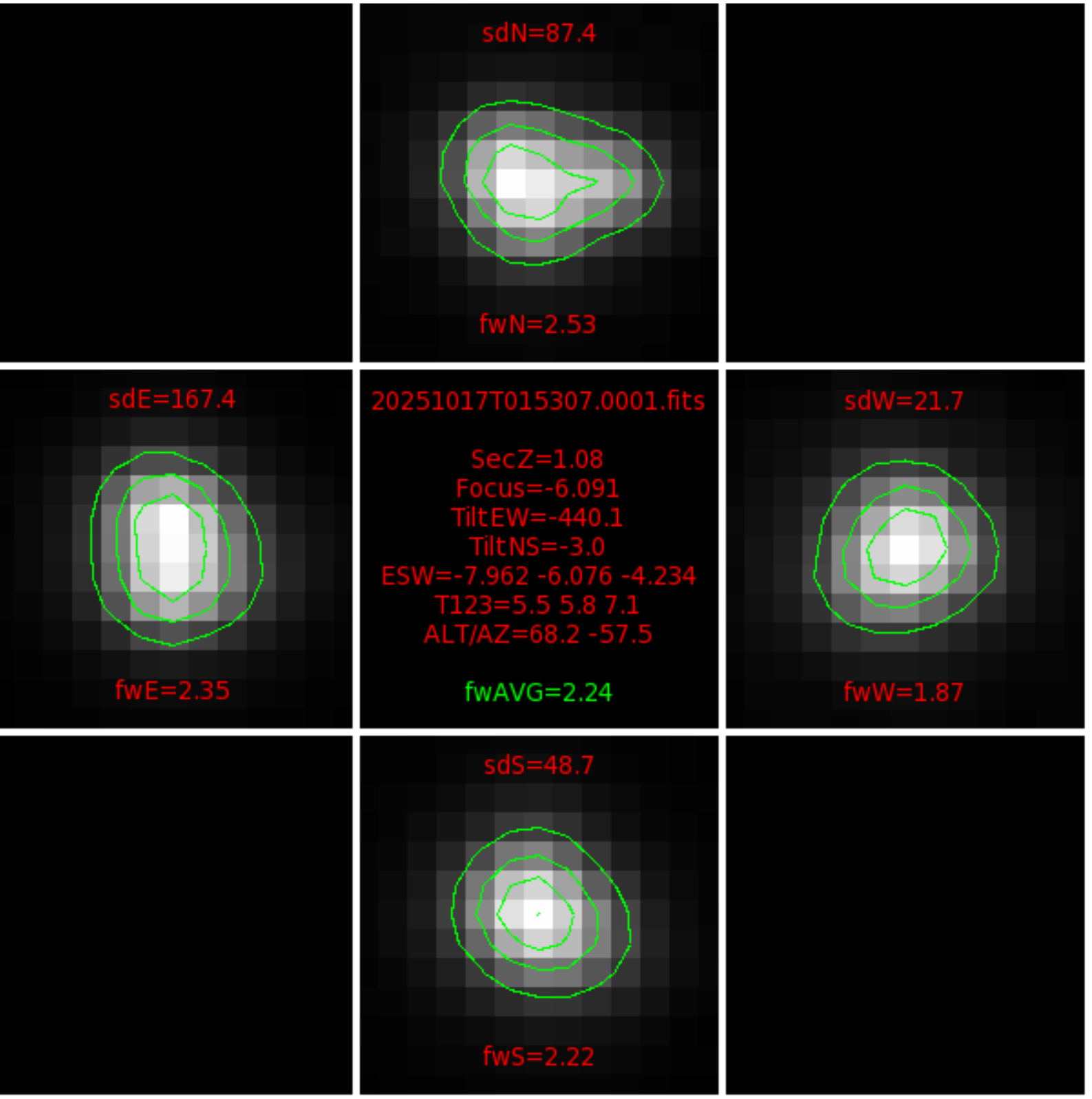

sdN=53.2
fwN=2.40
sdE=76.6
fwE=2.24
20251017T015237.0001.fits
SecZ=1.08
Focus=-6.091
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.962 -6.076 -4.234
T123=5.5 5.8 7.1
ALT/AZ=68.3 -57.4
fwAVG=2.13
sdW=14.5
fwW=1.94
sdS=144.5
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=87.4
fwN=2.53
sdE=167.4
fwE=2.35
20251017T015307.0001.fits
SecZ=1.08
Focus=-6.091
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.962 -6.076 -4.234
T123=5.5 5.8 7.1
ALT/AZ=68.2 -57.5
fwAVG=2.24
sdW=21.7
fwW=1.87
sdS=48.7
fwS=2.22
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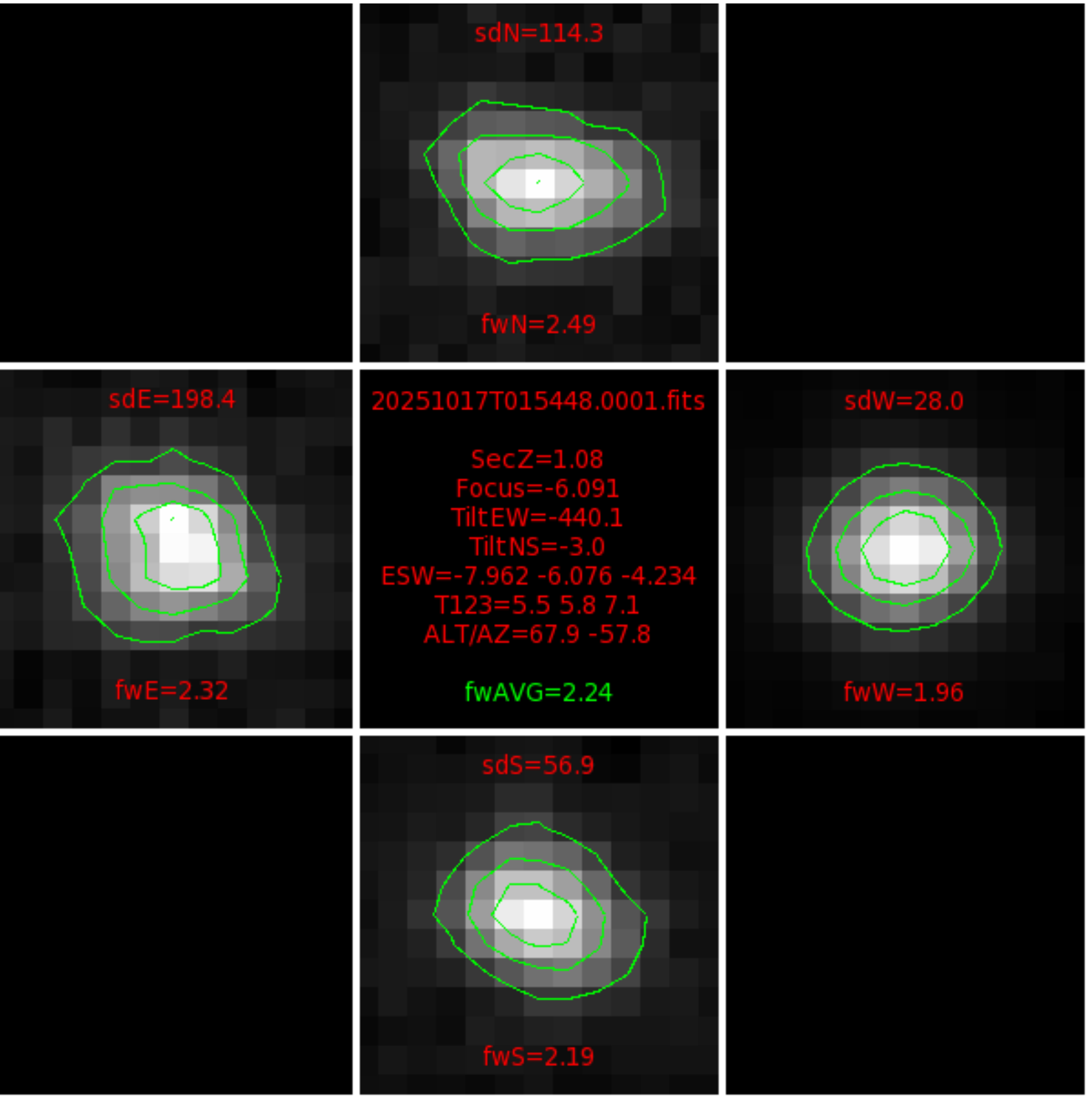
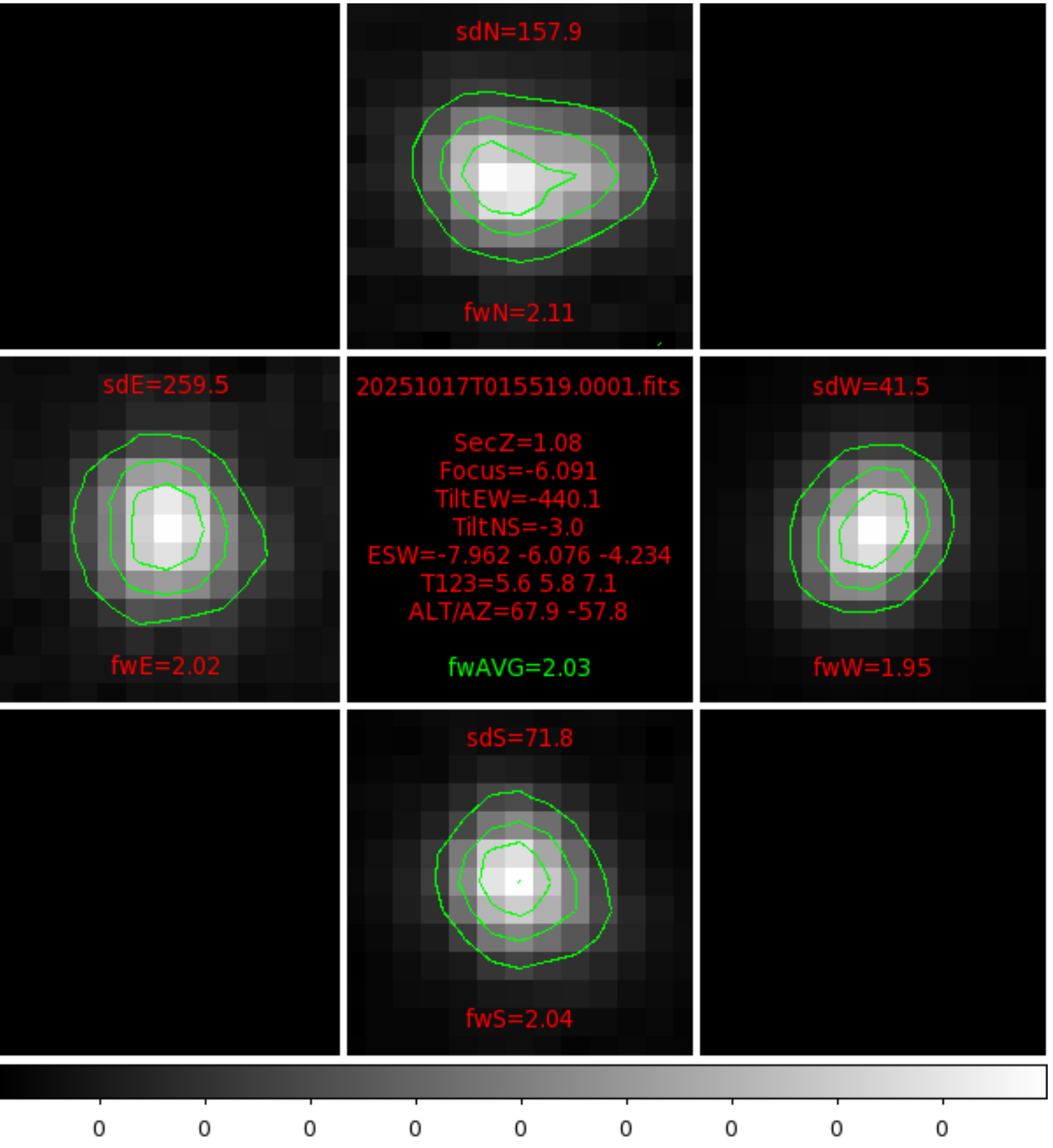
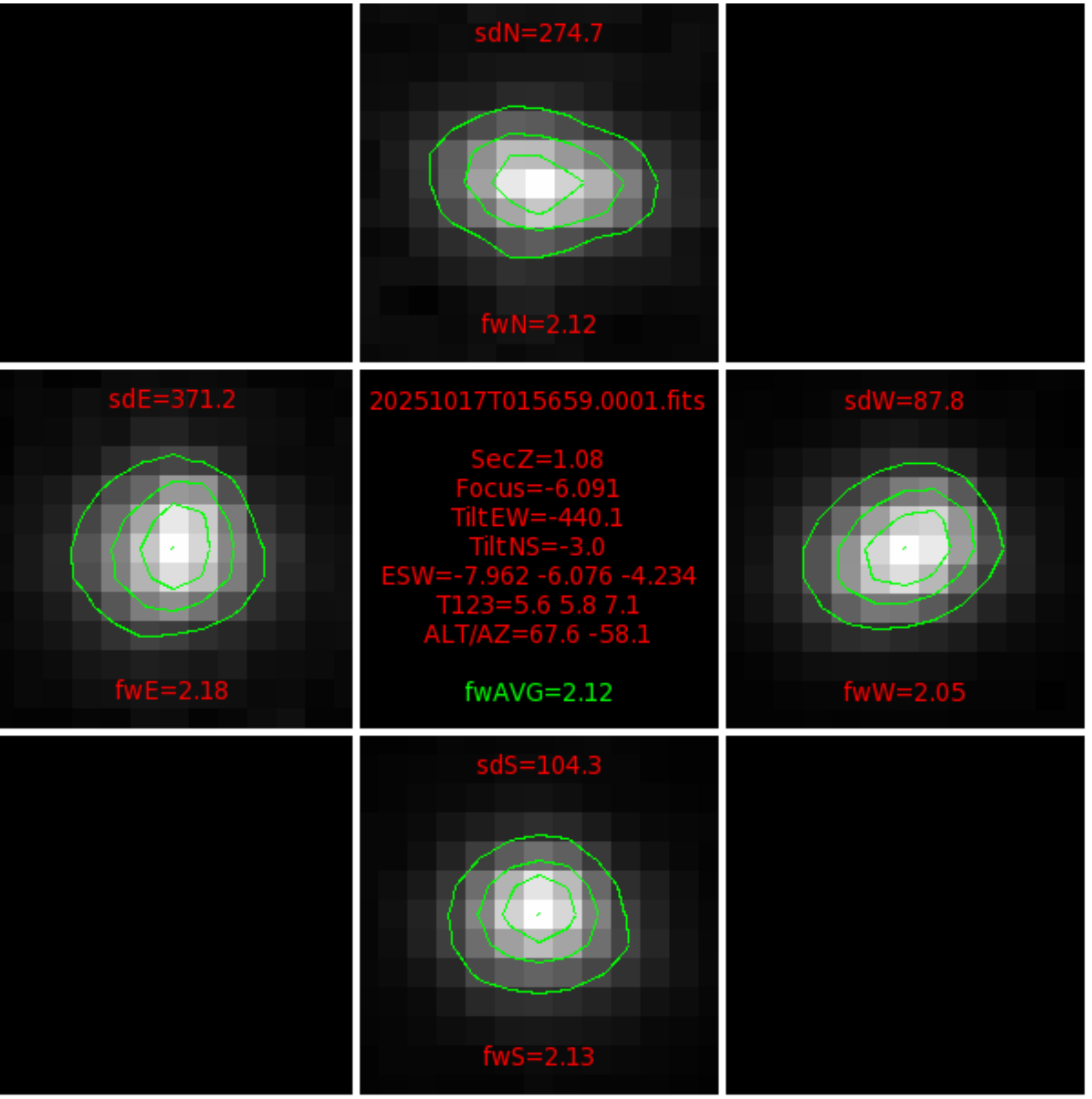
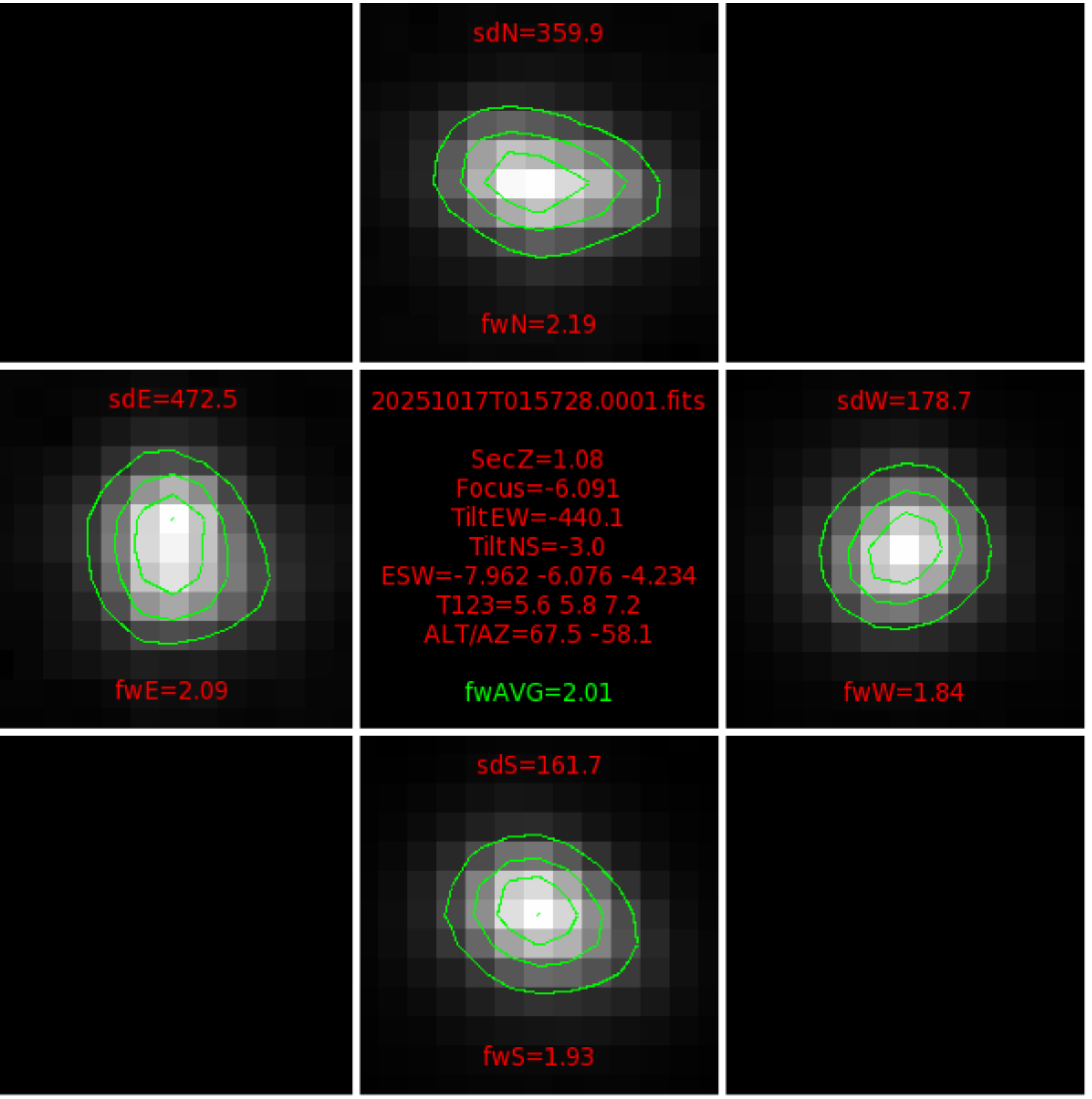
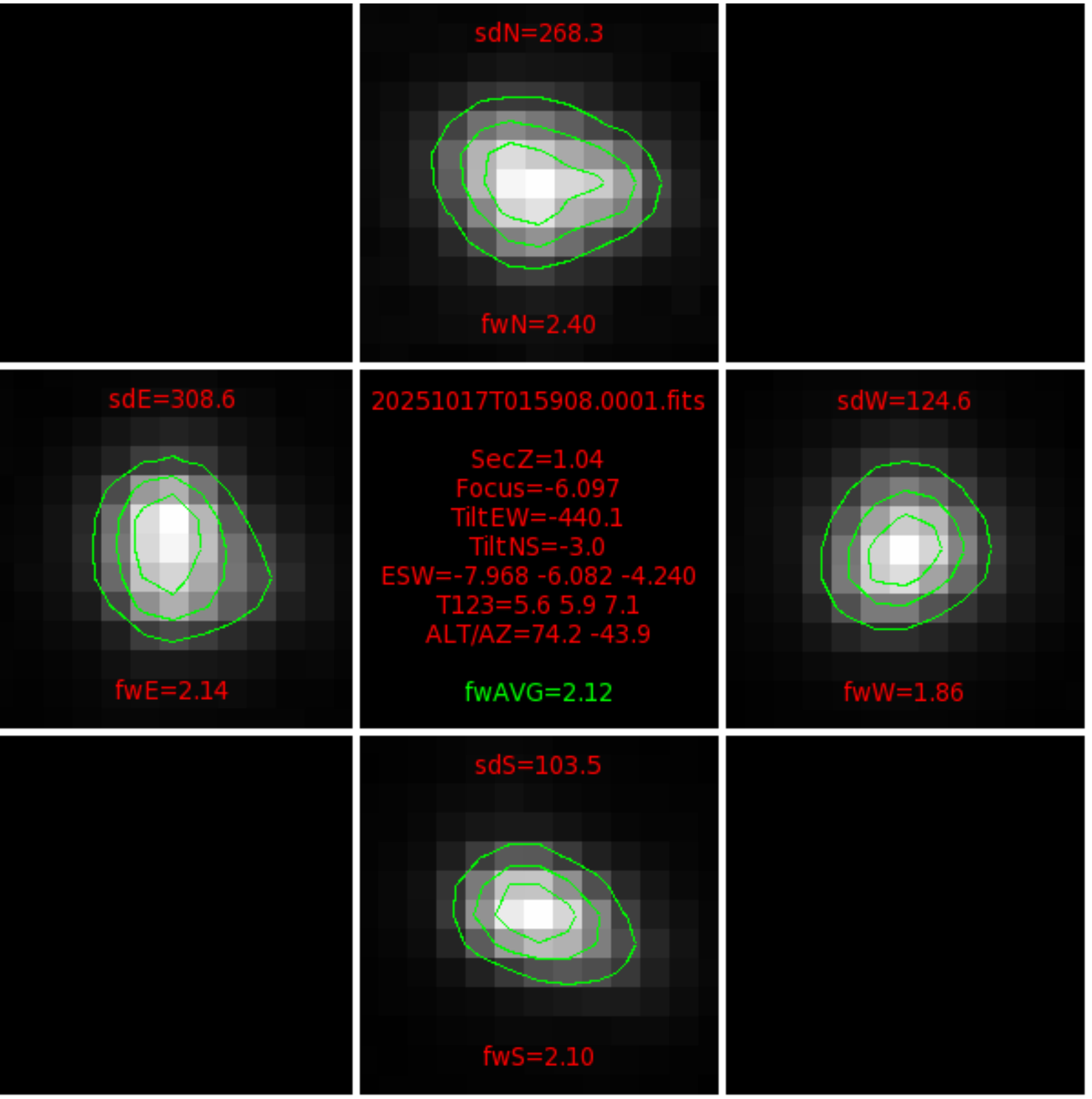
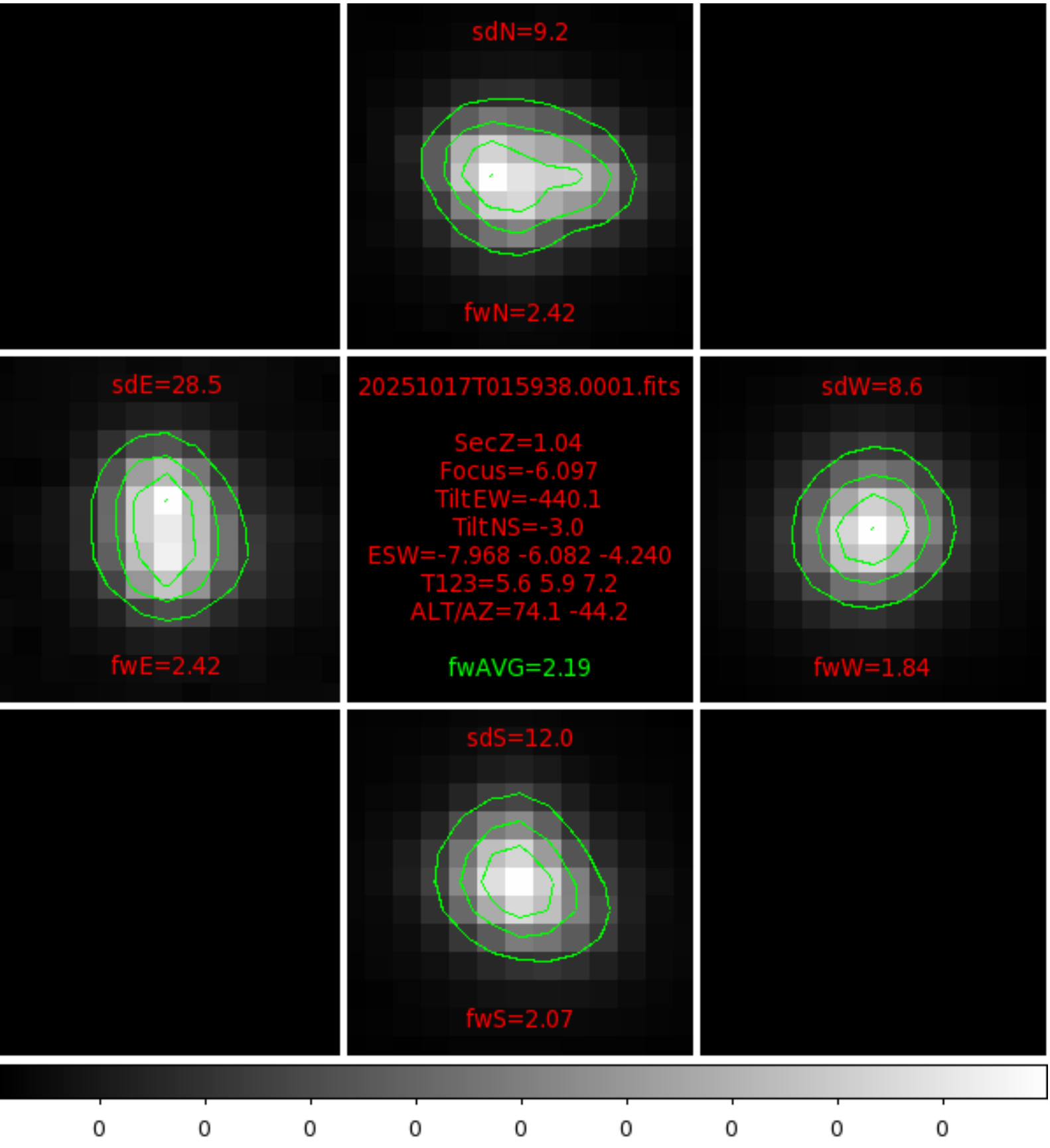

sdN=114.3
fwN=2.49
sdE=198.4
fwE=2.32
20251017T015448.0001.fits
SecZ=1.08
Focus=-6.091
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.962 -6.076 -4.234
T123=5.5 5.8 7.1
ALT/AZ=67.9 -57.8
fwAVG=2.24
sdW=28.0
fwW=1.96
sdS=56.9
fwS=2.19
0 0 0 0 0 0 0 0 0

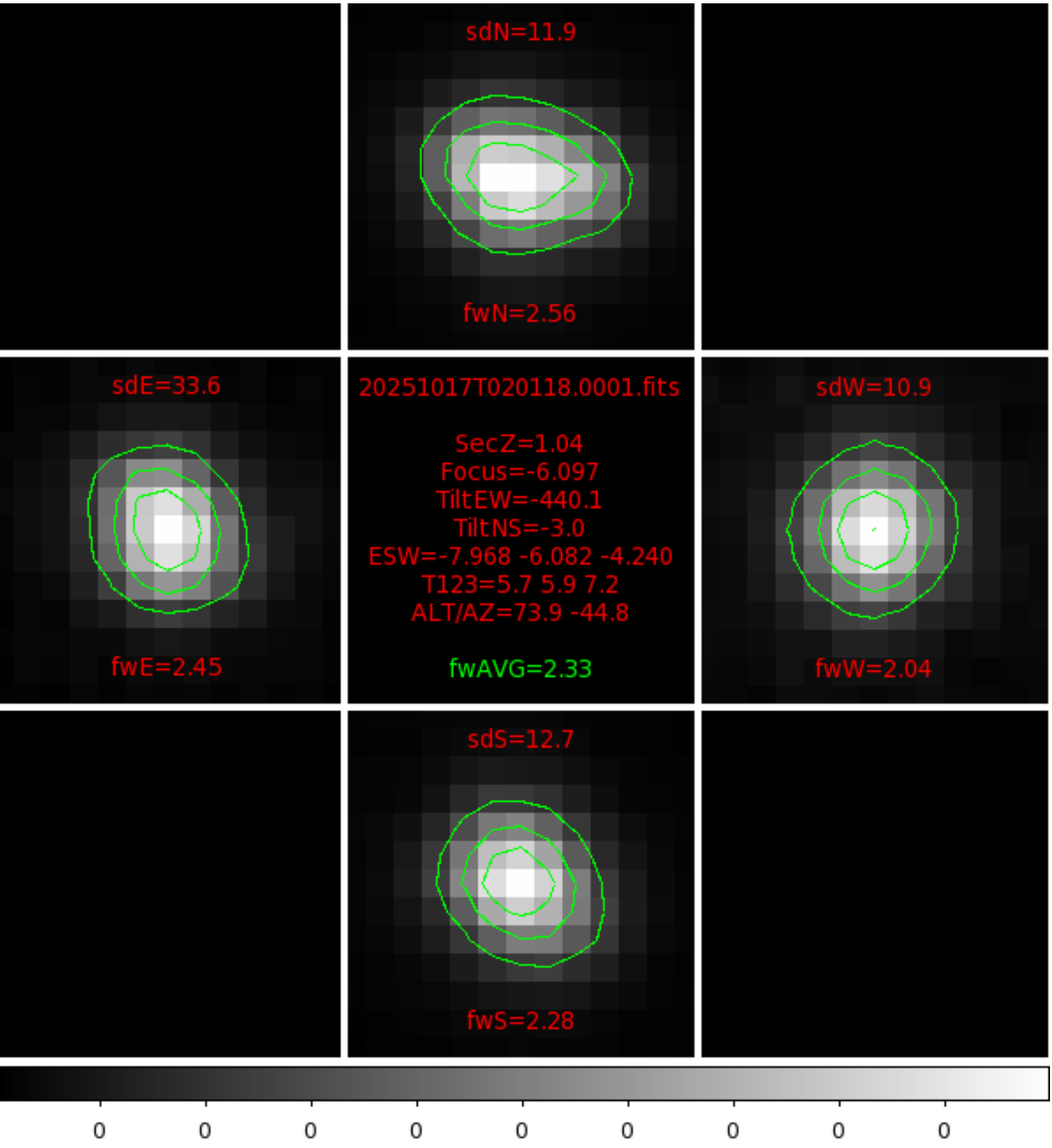

sdN=157.9
fwN=2.11
sdE=259.5
fwE=2.02
20251017T015519.0001.fits
SecZ=1.08
Focus=-6.091
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.962 -6.076 -4.234
T123=5.6 5.8 7.1
ALT/AZ=67.9 -57.8
fwAVG=2.03
sdW=41.5
fwW=1.95
sdS=71.8
fwS=2.04
0 0 0 0 0 0 0 0 0

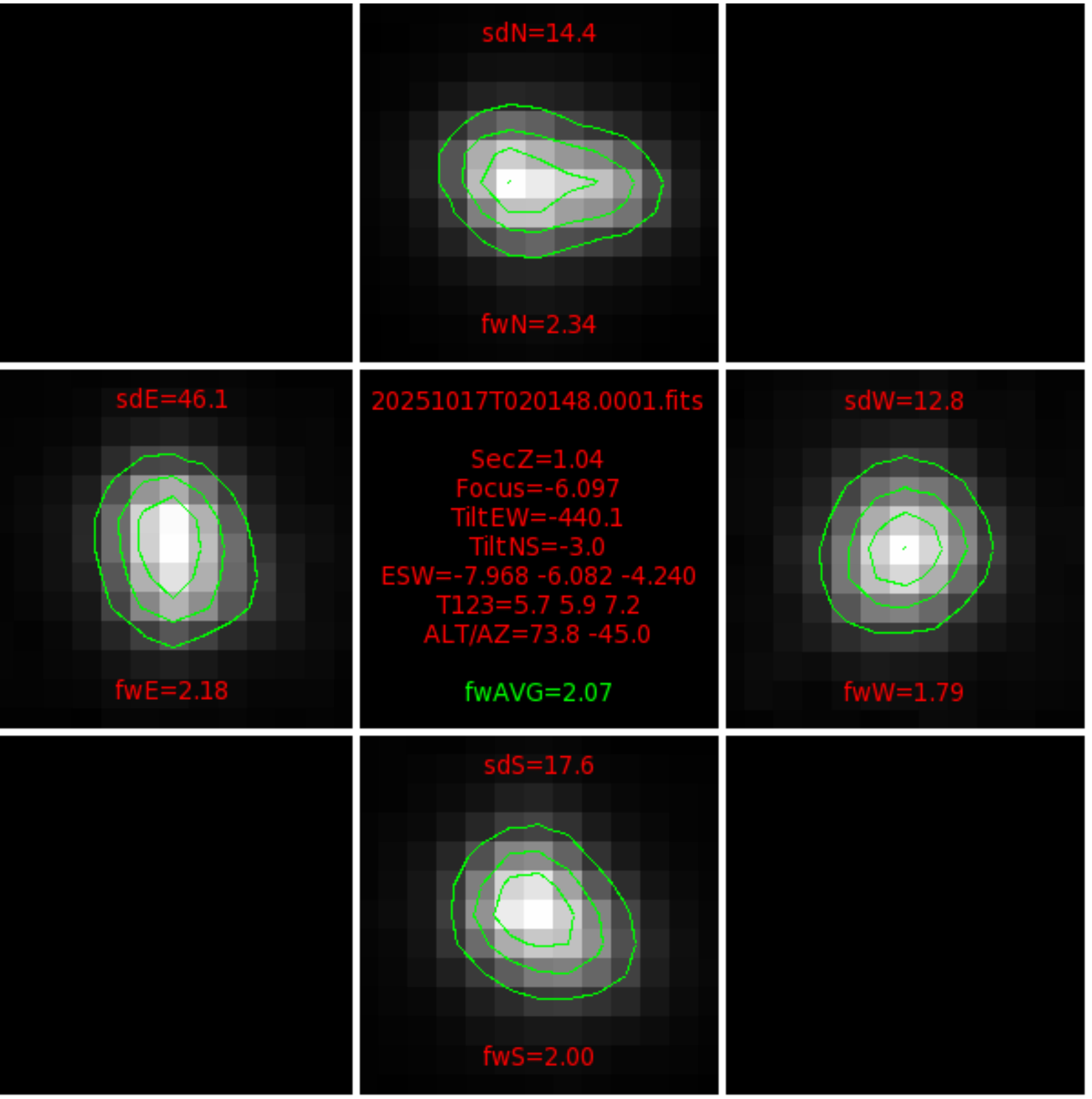

sdN=274.7
fwN=2.12
sdE=371.2
fwE=2.18
20251017T015659.0001.fits
SecZ=1.08
Focus=-6.091
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.962 -6.076 -4.234
T123=5.6 5.8 7.1
ALT/AZ=67.6 -58.1
fwAVG=2.12
sdW=87.8
fwW=2.05
sdS=104.3
fwS=2.13
0 0 0 0 0 0 0 0 0

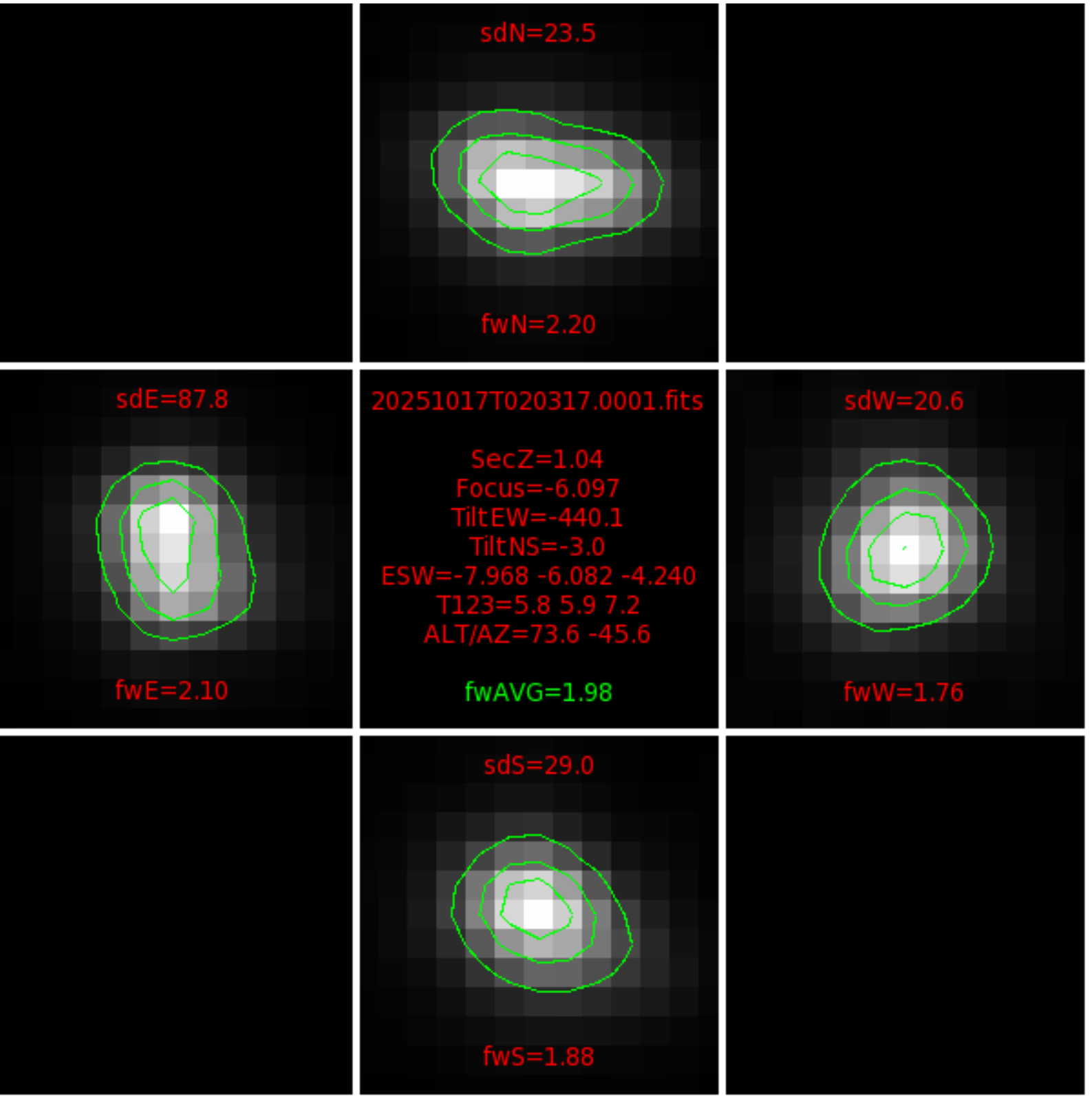

sdN=359.9
fwN=2.19
sdE=472.5
fwE=2.09
20251017T015728.0001.fits
SecZ=1.08
Focus=-6.091
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.962 -6.076 -4.234
T123=5.6 5.8 7.2
ALT/AZ=67.5 -58.1
fwAVG=2.01
sdW=178.7
fwW=1.84
sdS=161.7
fwS=1.93
0 0 0 0 0 0 0 0 0

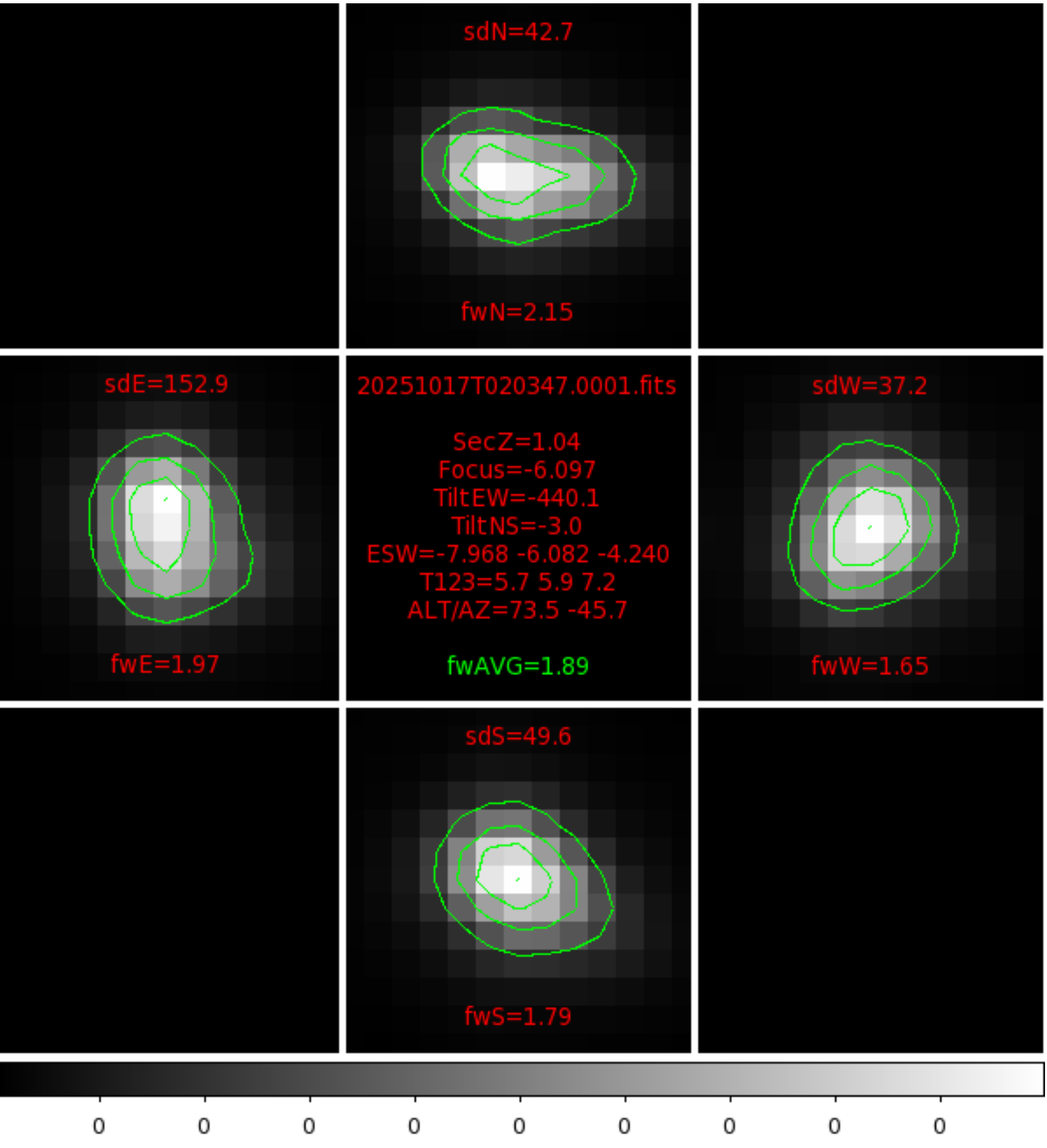

sdN=268.3
fwN=2.40
sdE=308.6
fwE=2.14
20251017T015908.0001.fits
SecZ=1.04
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.6 5.9 7.1
ALT/AZ=74.2 -43.9
fwAVG=2.12
sdW=124.6
fwW=1.86
sdS=103.5
fwS=2.10
0 0 0 0 0 0 0 0 0

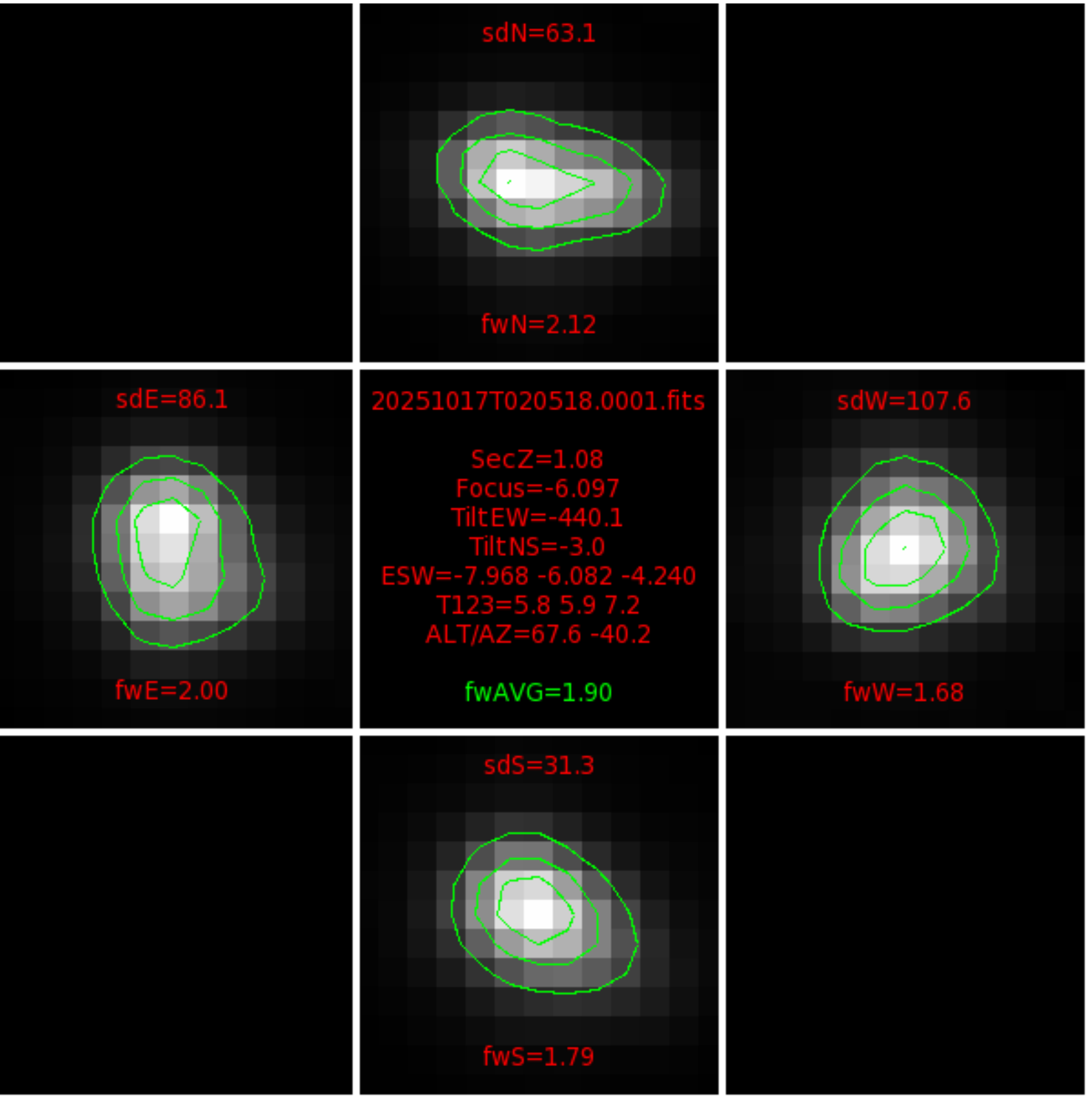

sdN=9.2
fwN=2.42
sdE=28.5
fwE=2.42
20251017T015938.0001.fits
SecZ=1.04
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.6 5.9 7.2
ALT/AZ=74.1 -44.2
fwAVG=2.19
sdW=8.6
fwW=1.84
sdS=12.0
fwS=2.07
0 0 0 0 0 0 0 0 0

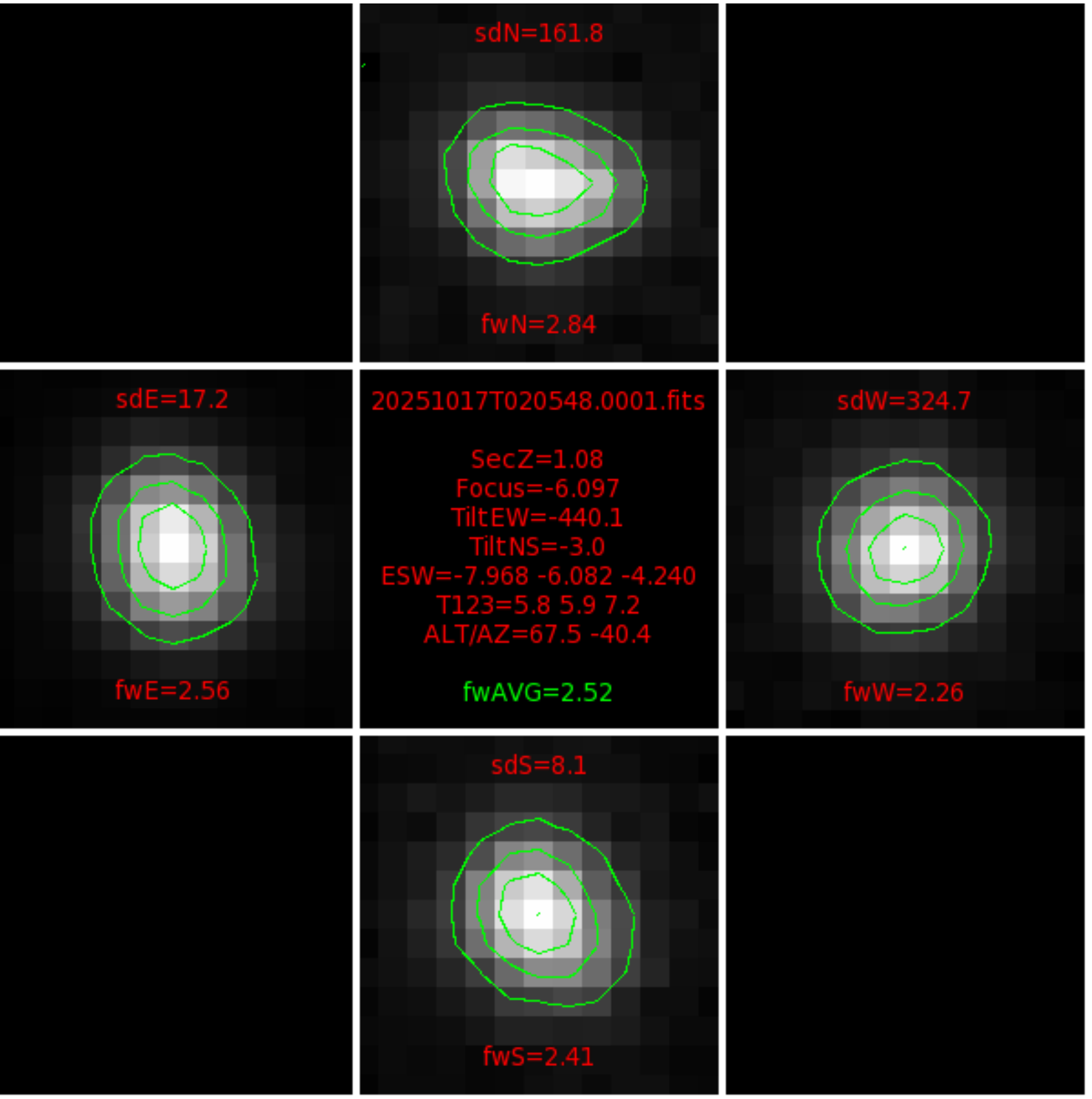

sdN=11.9
fwN=2.56
sdE=33.6
fwE=2.45
20251017T020118.0001.fits
SecZ=1.04
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.7 5.9 7.2
ALT/AZ=73.9 -44.8
fwAVG=2.33
sdW=10.9
fwW=2.04
sdS=12.7
fwS=2.28
0 0 0 0 0 0 0 0 0

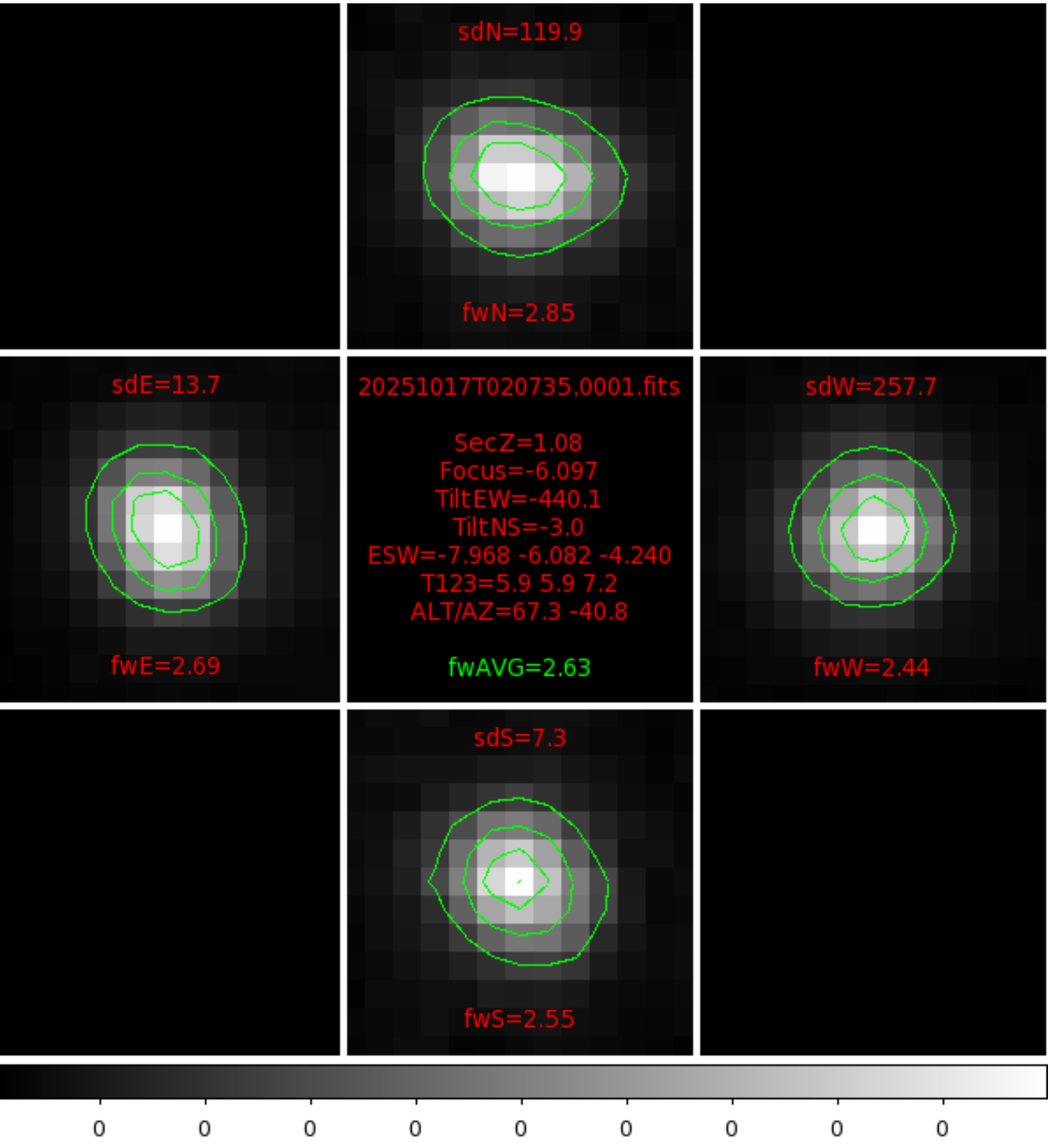

sdN=14.4
fwN=2.34
sdE=46.1
fwE=2.18
20251017T020148.0001.fits
SecZ=1.04
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.7 5.9 7.2
ALT/AZ=73.8 -45.0
fwAVG=2.07
sdW=12.8
fwW=1.79
sdS=17.6
fwS=2.00
0 0 0 0 0 0 0 0 0

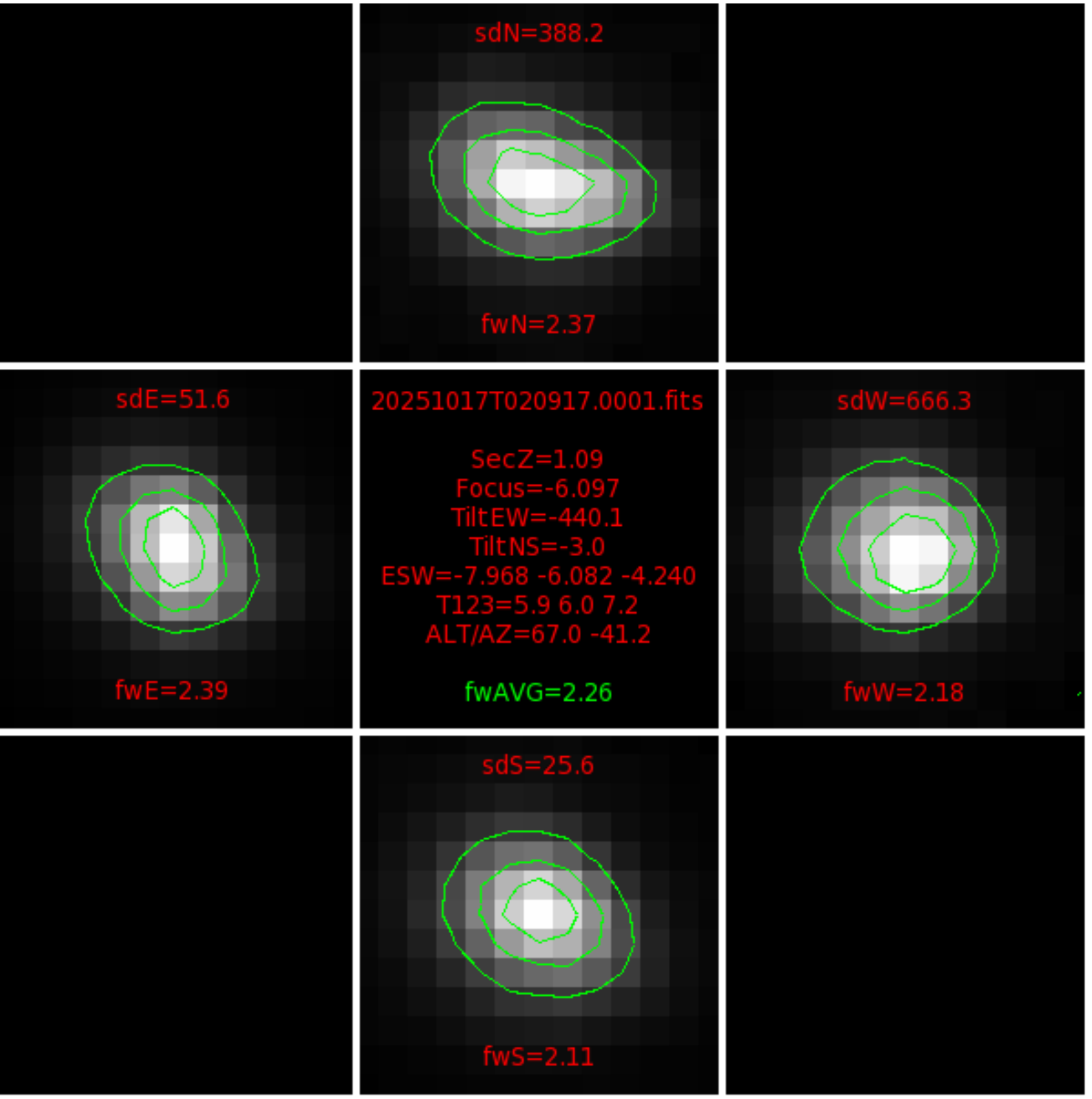

sdN=23.5
fwN=2.20
sdE=87.8
fwE=2.10
20251017T020317.0001.fits
SecZ=1.04
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.8 5.9 7.2
ALT/AZ=73.6 -45.6
fwAVG=1.98
sdW=20.6
fwW=1.76
sdS=29.0
fwS=1.88
0 0 0 0 0 0 0 0 0


sdN=42.7
fwN=2.15
sdE=152.9
fwE=1.97
20251017T020347.0001.fits
SecZ=1.04
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.7 5.9 7.2
ALT/AZ=73.5 -45.7
fwAVG=1.89
sdW=37.2
fwW=1.65
sdS=49.6
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=63.1
fwN=2.12
sdE=86.1
fwE=2.00
20251017T020518.0001.fits
SecZ=1.08
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.8 5.9 7.2
ALT/AZ=67.6 -40.2
fwAVG=1.90
sdW=107.6
fwW=1.68
sdS=31.3
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=161.8
fwN=2.84
sdE=17.2
fwE=2.56
20251017T020548.0001.fits
SecZ=1.08
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.8 5.9 7.2
ALT/AZ=67.5 -40.4
fwAVG=2.52
sdW=324.7
fwW=2.26
sdS=8.1
fwS=2.41
0 0 0 0 0 0 0 0 0


sdN=119.9
fwN=2.85
sdE=13.7
fwE=2.69
20251017T020735.0001.fits
SecZ=1.08
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.9 5.9 7.2
ALT/AZ=67.3 -40.8
fwAVG=2.63
sdW=257.7
fwW=2.44
sdS=7.3
fwS=2.55
0 0 0 0 0 0 0 0 0


sdN=388.2
fwN=2.37
sdE=51.6
fwE=2.39
20251017T020917.0001.fits
SecZ=1.09
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.9 6.0 7.2
ALT/AZ=67.0 -41.2
fwAVG=2.26
sdW=666.3
fwW=2.18
sdS=25.6
fwS=2.11
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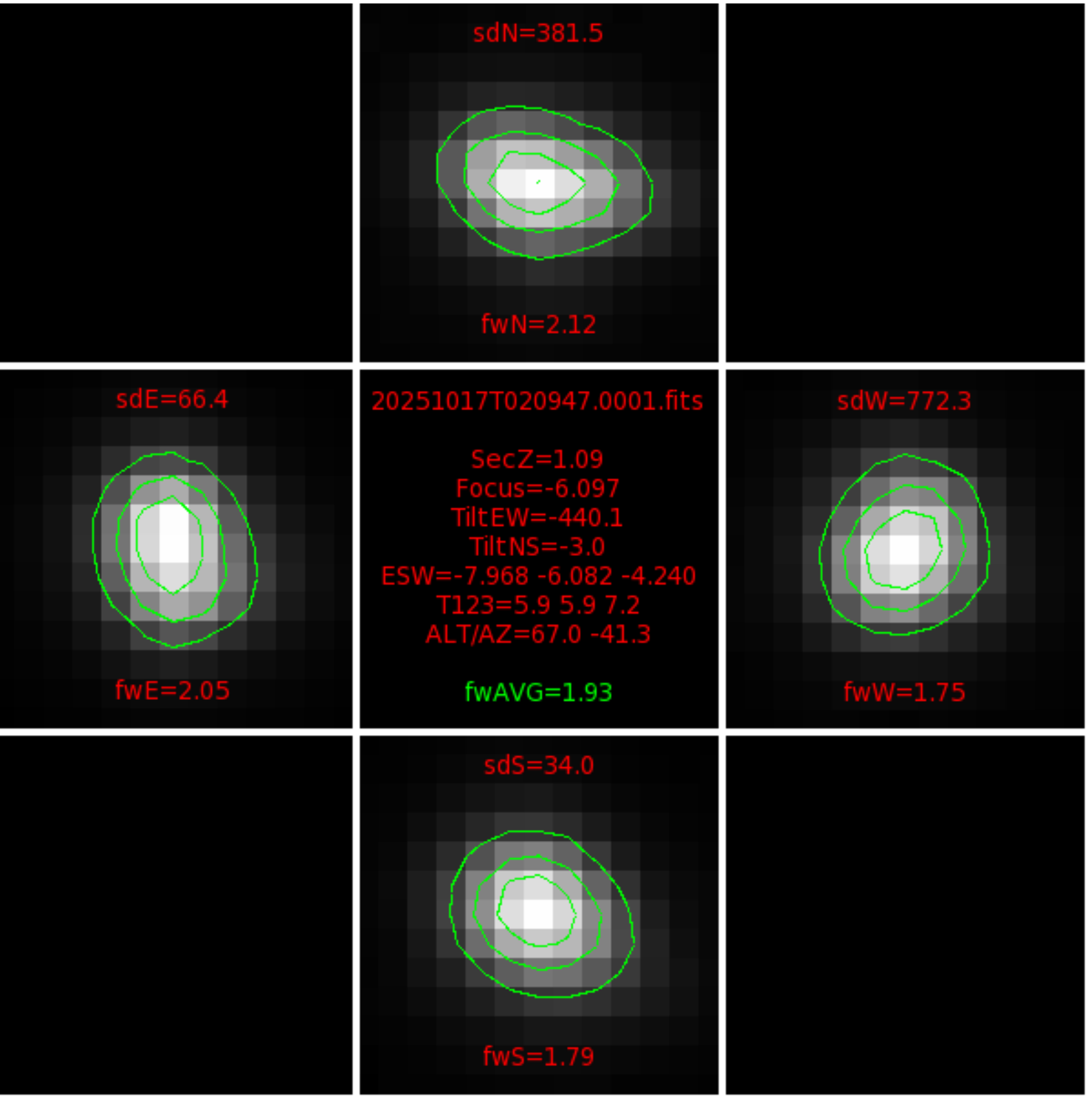
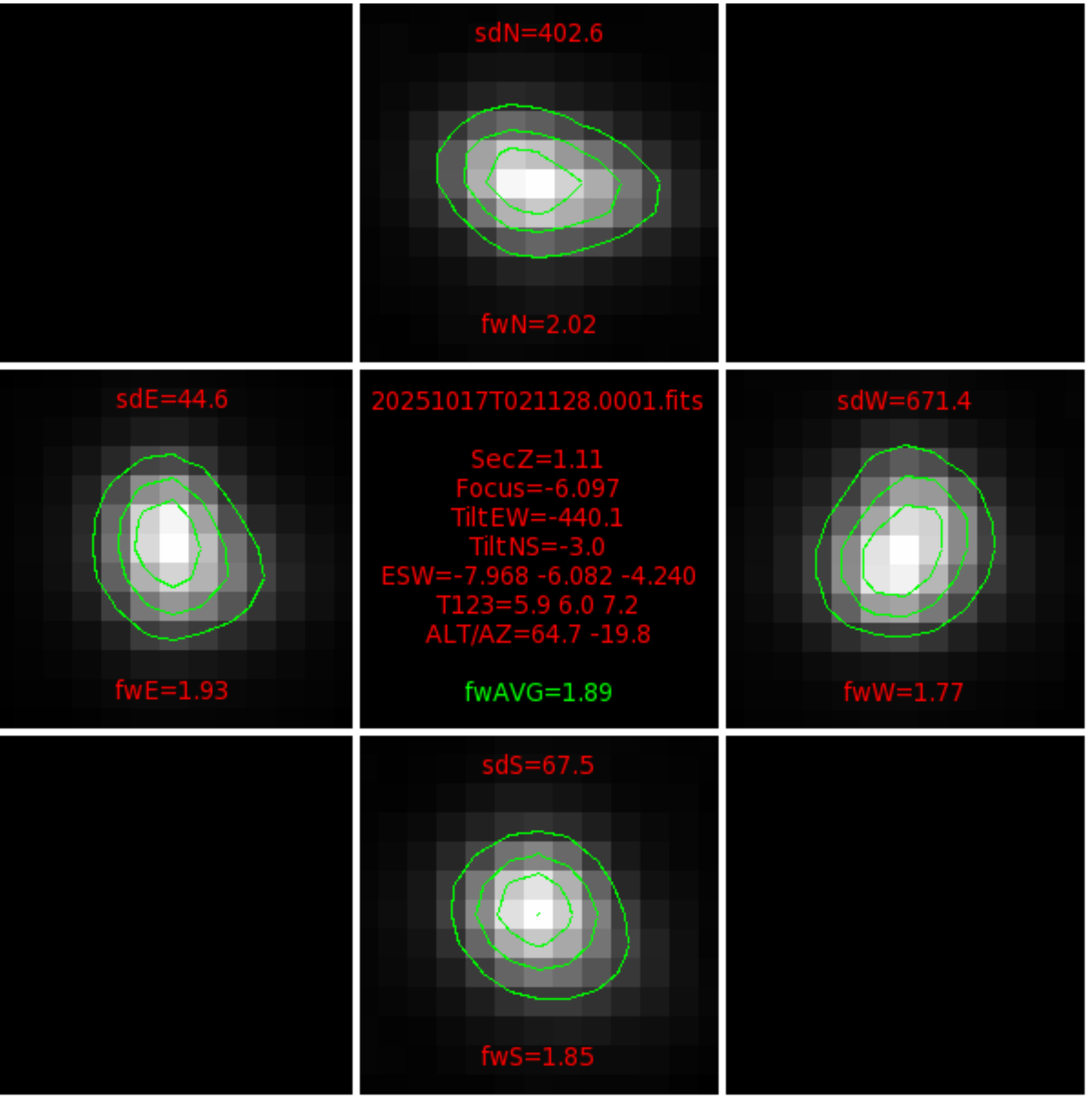
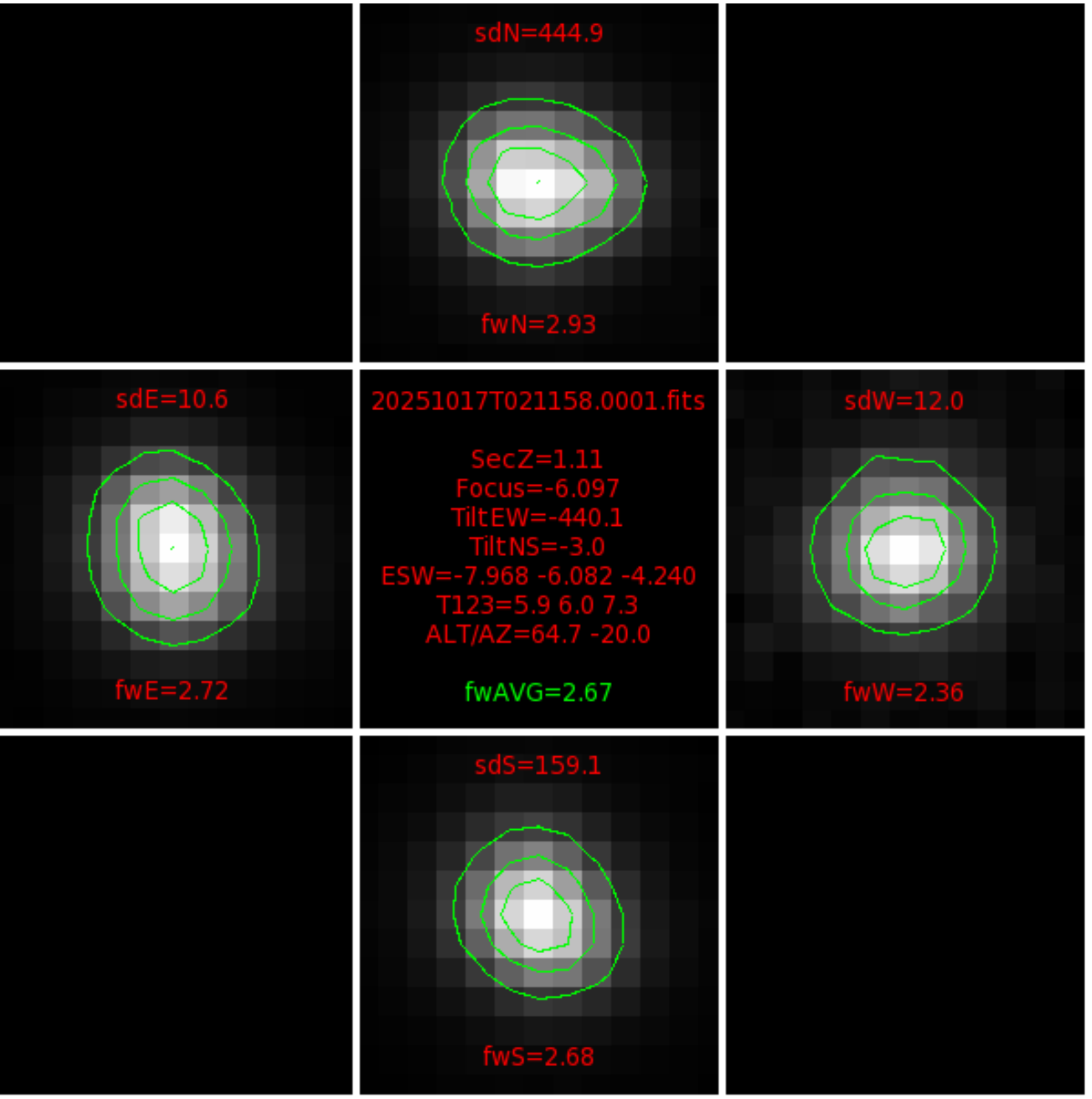

sdN=381.5
fwN=2.12
sdE=66.4
fwE=2.05
20251017T020947.0001.fits
SecZ=1.09
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.9 5.9 7.2
ALT/AZ=67.0 -41.3
fwAVG=1.93
sdW=772.3
fwW=1.75
sdS=34.0
fwS=1.79
0 0 0 0 0 0 0 0 0


sdN=402.6
fwN=2.02
sdE=44.6
fwE=1.93
20251017T021128.0001.fits
SecZ=1.11
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.9 6.0 7.2
ALT/AZ=64.7 -19.8
fwAVG=1.89
sdW=671.4
fwW=1.77
sdS=67.5
fwS=1.85
0 0 0 0 0 0 0 0 0


sdN=444.9
fwN=2.93
sdE=10.6
fwE=2.72
20251017T021158.0001.fits
SecZ=1.11
Focus=-6.097
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.968 -6.082 -4.240
T123=5.9 6.0 7.3
ALT/AZ=64.7 -20.0
fwAVG=2.67
sdW=12.0
fwW=2.36
sdS=159.1
fwS=2.68
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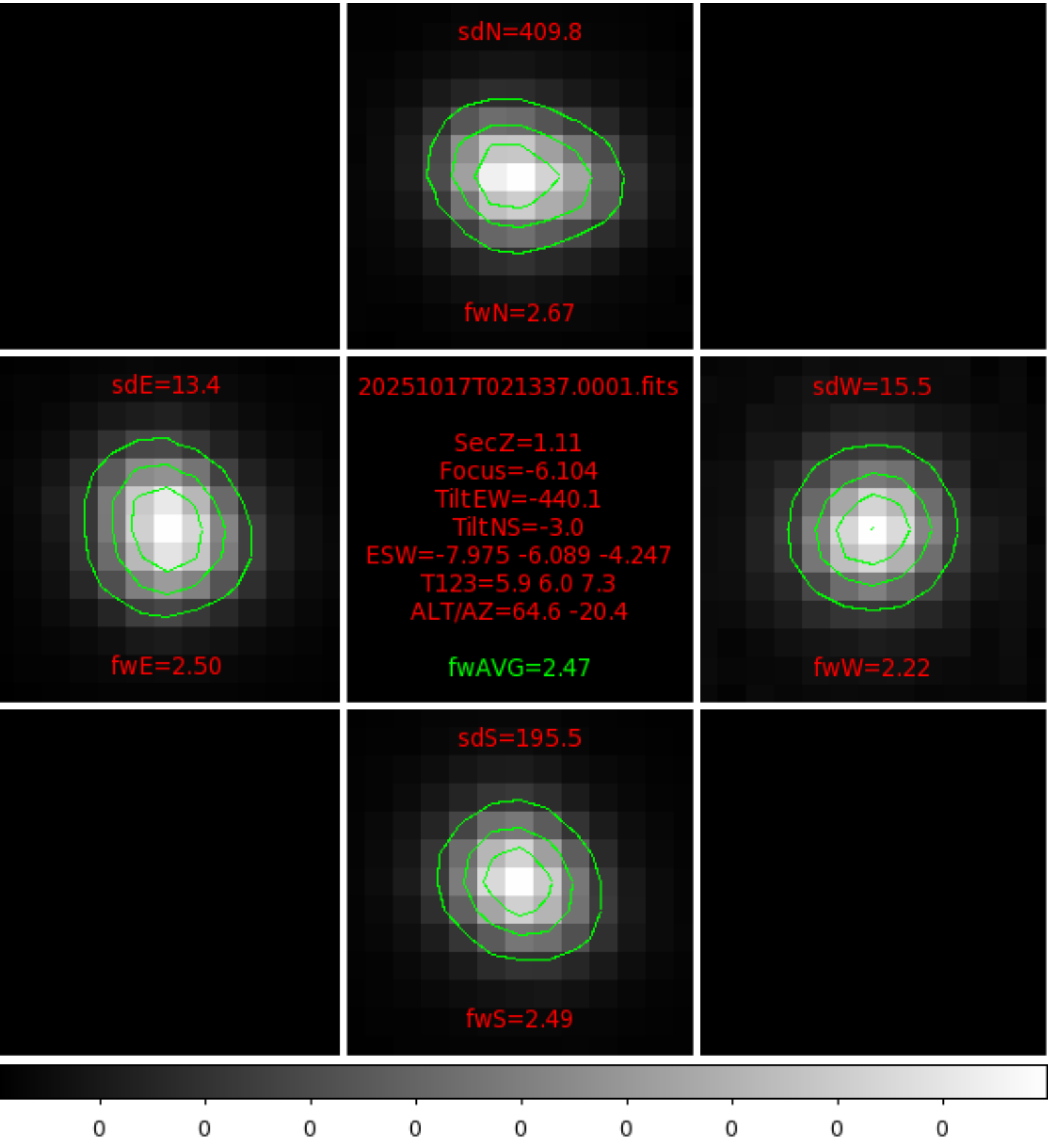
sdN=409.8
fwN=2.67
sdE=13.4
fwE=2.50
20251017T021337.0001.fits
SecZ=1.11
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=5.9 6.0 7.3
ALT/AZ=64.6 -20.4
fwAVG=2.47
sdW=15.5
fwW=2.22
sdS=195.5
fwS=2.49
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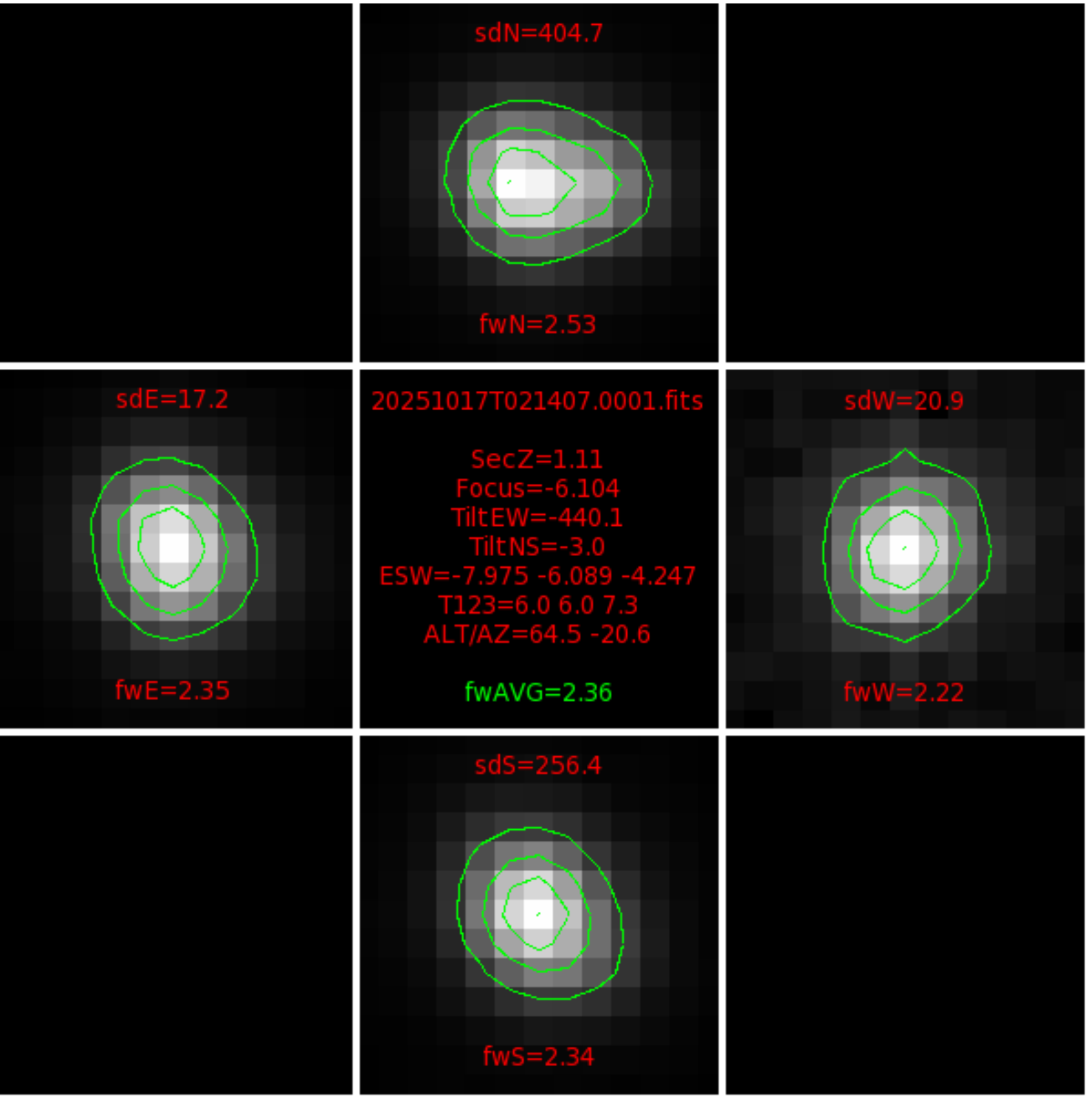
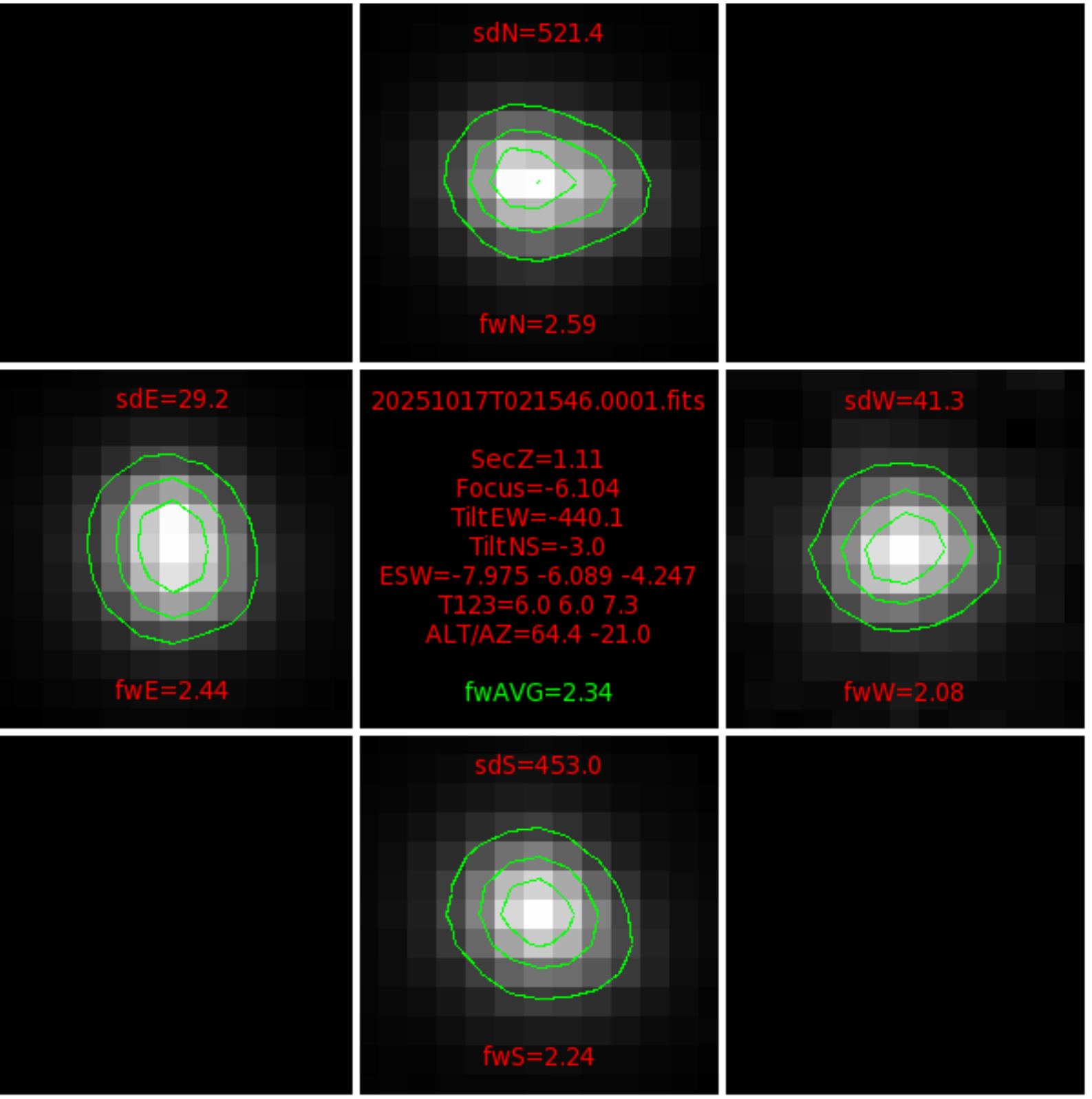
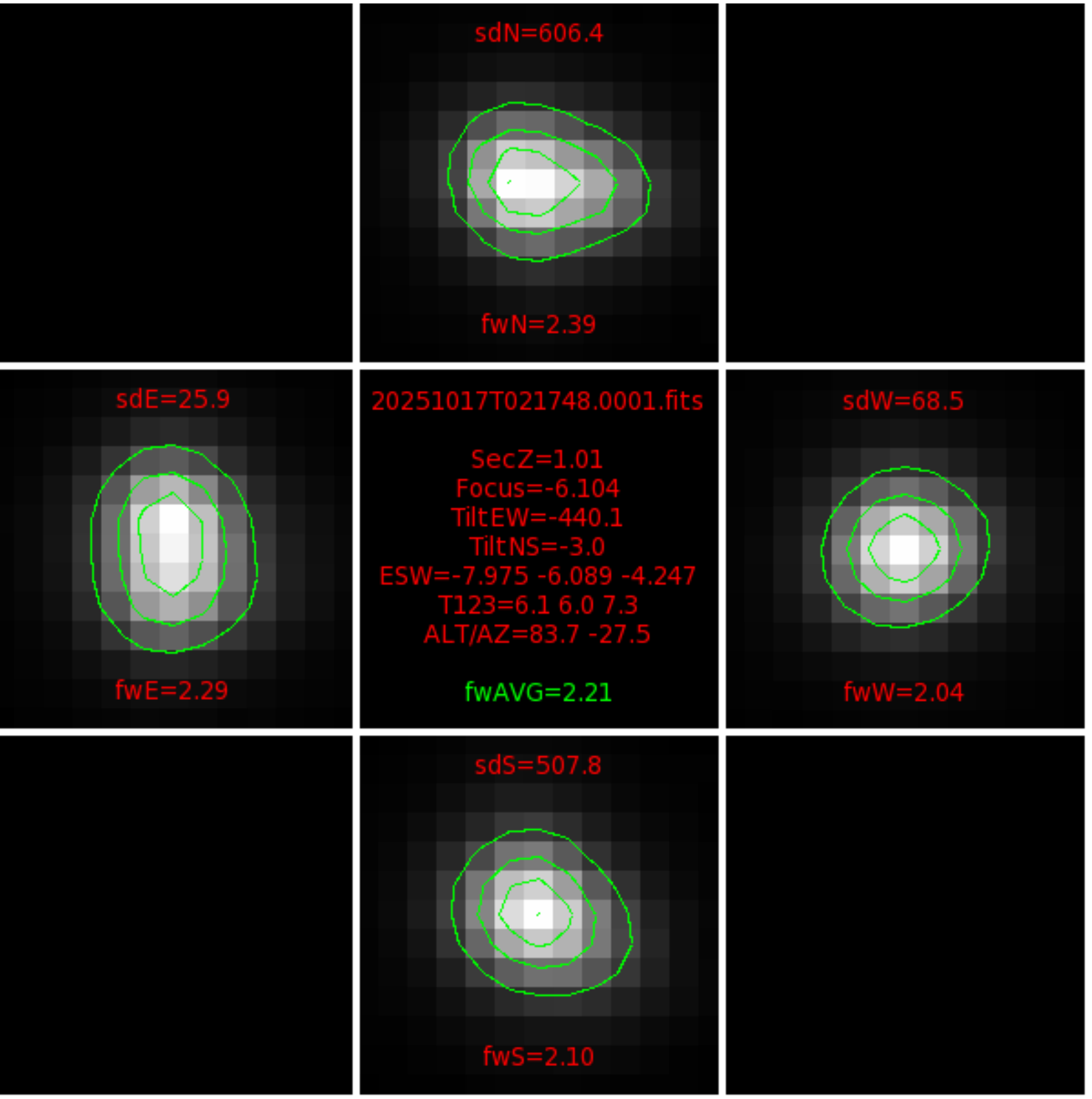

sdN=404.7
fwN=2.53
sdE=17.2
fwE=2.35
20251017T021407.0001.fits
SecZ=1.11
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.0 6.0 7.3
ALT/AZ=64.5 -20.6
fwAVG=2.36
sdW=20.9
fwW=2.22
sdS=256.4
fwS=2.34
0 0 0 0 0 0 0 0 0


sdN=521.4
fwN=2.59
sdE=29.2
fwE=2.44
20251017T021546.0001.fits
SecZ=1.11
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.0 6.0 7.3
ALT/AZ=64.4 -21.0
fwAVG=2.34
sdW=41.3
fwW=2.08
sdS=453.0
fwS=2.24
0 0 0 0 0 0 0 0 0


sdN=606.4
fwN=2.39
sdE=25.9
fwE=2.29
20251017T021748.0001.fits
SecZ=1.01
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.1 6.0 7.3
ALT/AZ=83.7 -27.5
fwAVG=2.21
sdW=68.5
fwW=2.04
sdS=507.8
fwS=2.10
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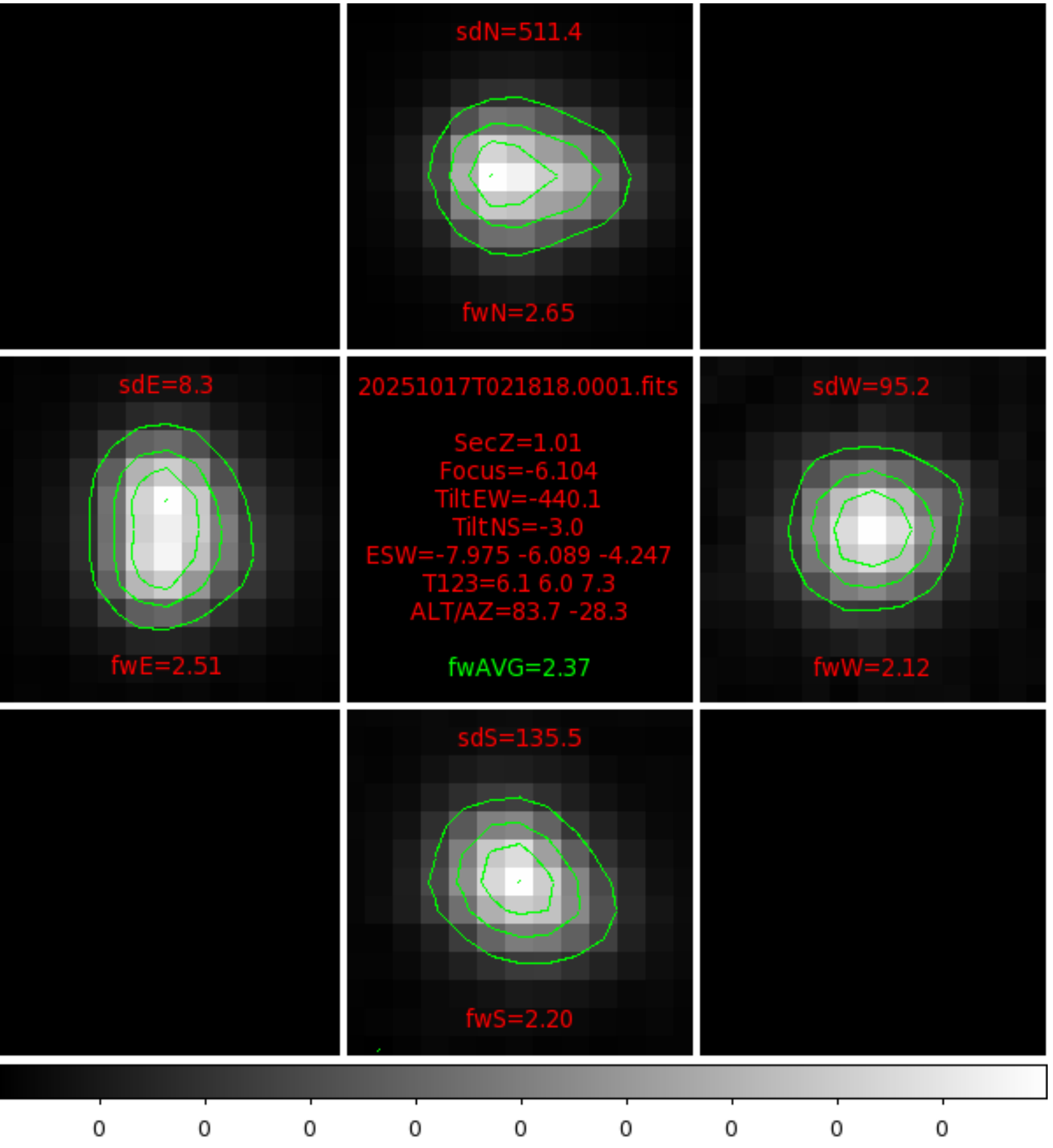
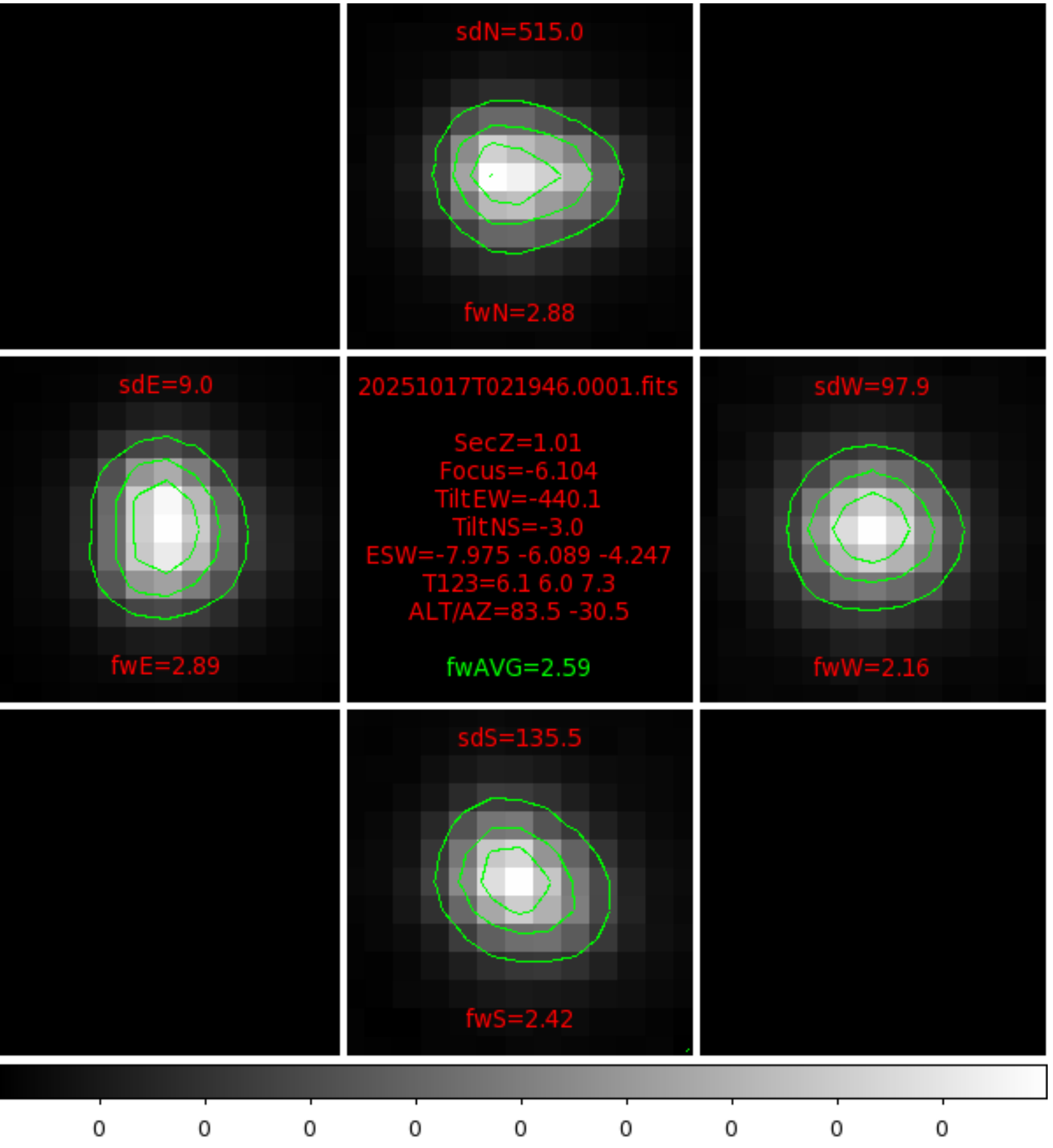

sdN=511.4
fwN=2.65
sdE=8.3
fwE=2.51
20251017T021818.0001.fits
SecZ=1.01
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.1 6.0 7.3
ALT/AZ=83.7 -28.3
fwAVG=2.37
sdW=95.2
fwW=2.12
sdS=135.5
fwS=2.20
0 0 0 0 0 0 0 0 0


sdN=515.0
fwN=2.88
sdE=9.0
fwE=2.89
20251017T021946.0001.fits
SecZ=1.01
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.1 6.0 7.3
ALT/AZ=83.5 -30.5
fwAVG=2.59
sdW=97.9
fwW=2.16
sdS=135.5
fwS=2.42
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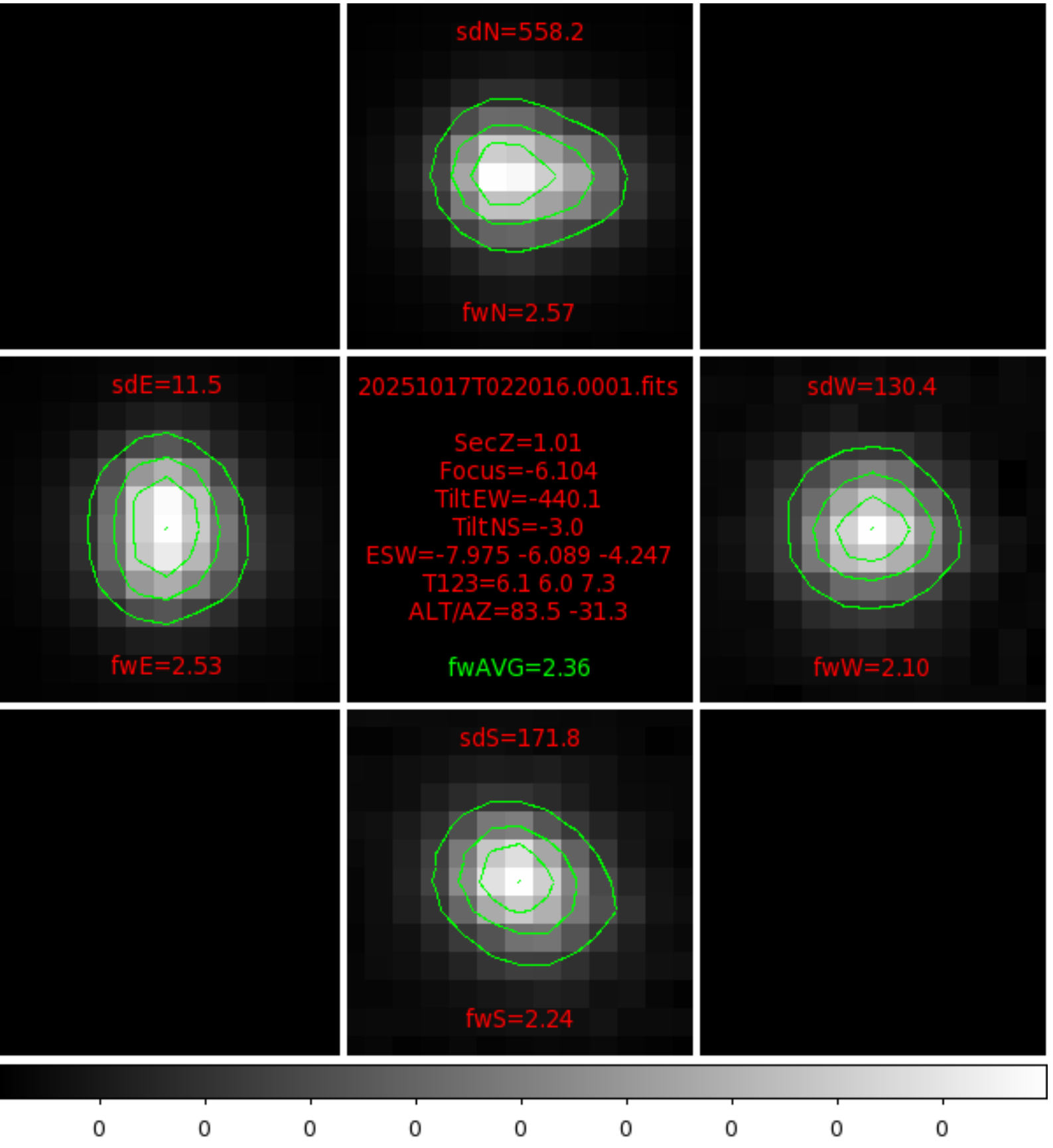
sdN=558.2
fwN=2.57
sdE=11.5
fwE=2.53
20251017T022016.0001.fits
SecZ=1.01
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.1 6.0 7.3
ALT/AZ=83.5 -31.3
fwAVG=2.36
sdW=130.4
fwW=2.10
sdS=171.8
fwS=2.24
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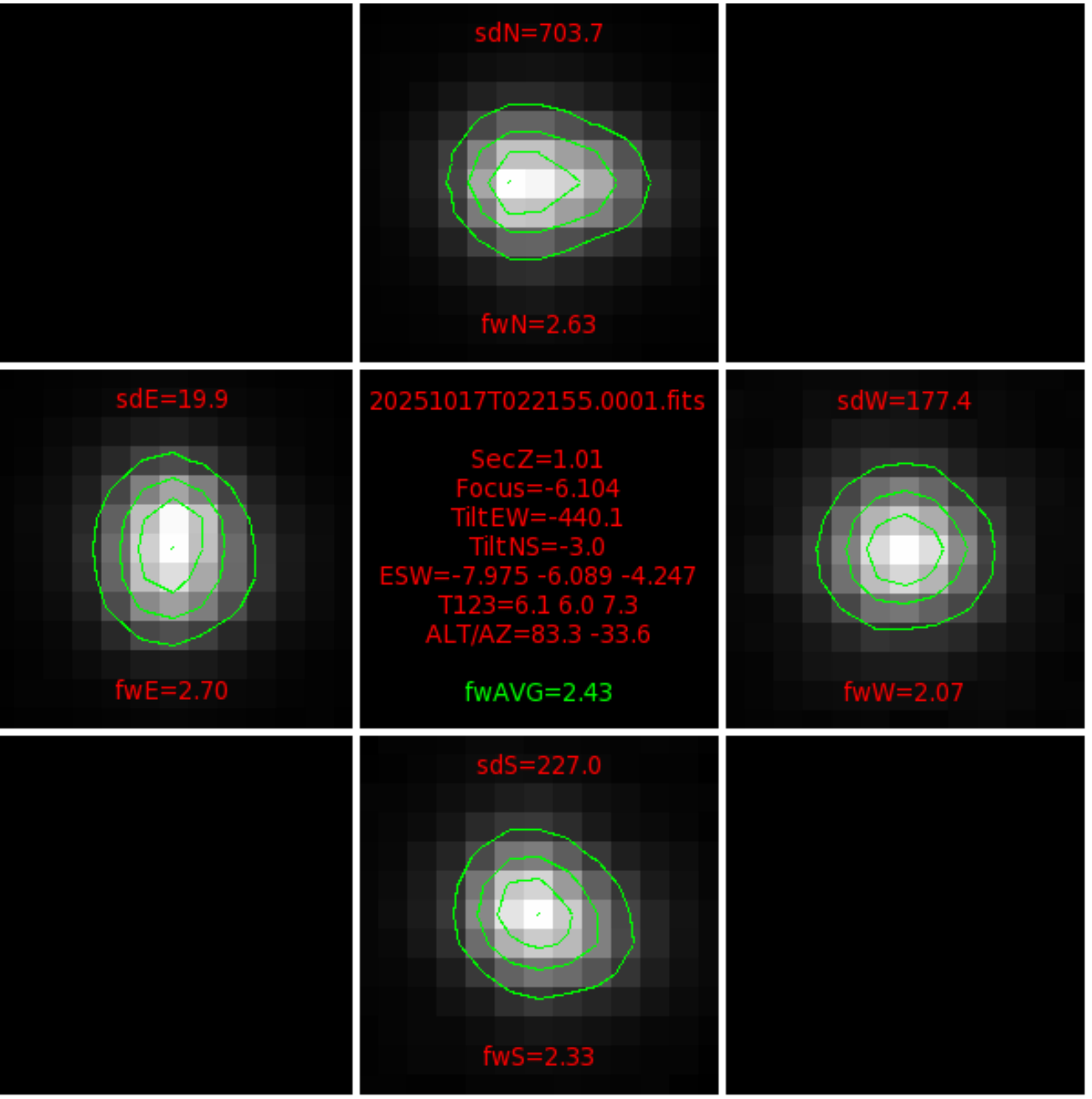
sdN=703.7
fwN=2.63
sdE=19.9
fwE=2.70
20251017T022155.0001.fits
SecZ=1.01
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.1 6.0 7.3
ALT/AZ=83.3 -33.6
fwAVG=2.43
sdW=177.4
fwW=2.07
sdS=227.0
fwS=2.33
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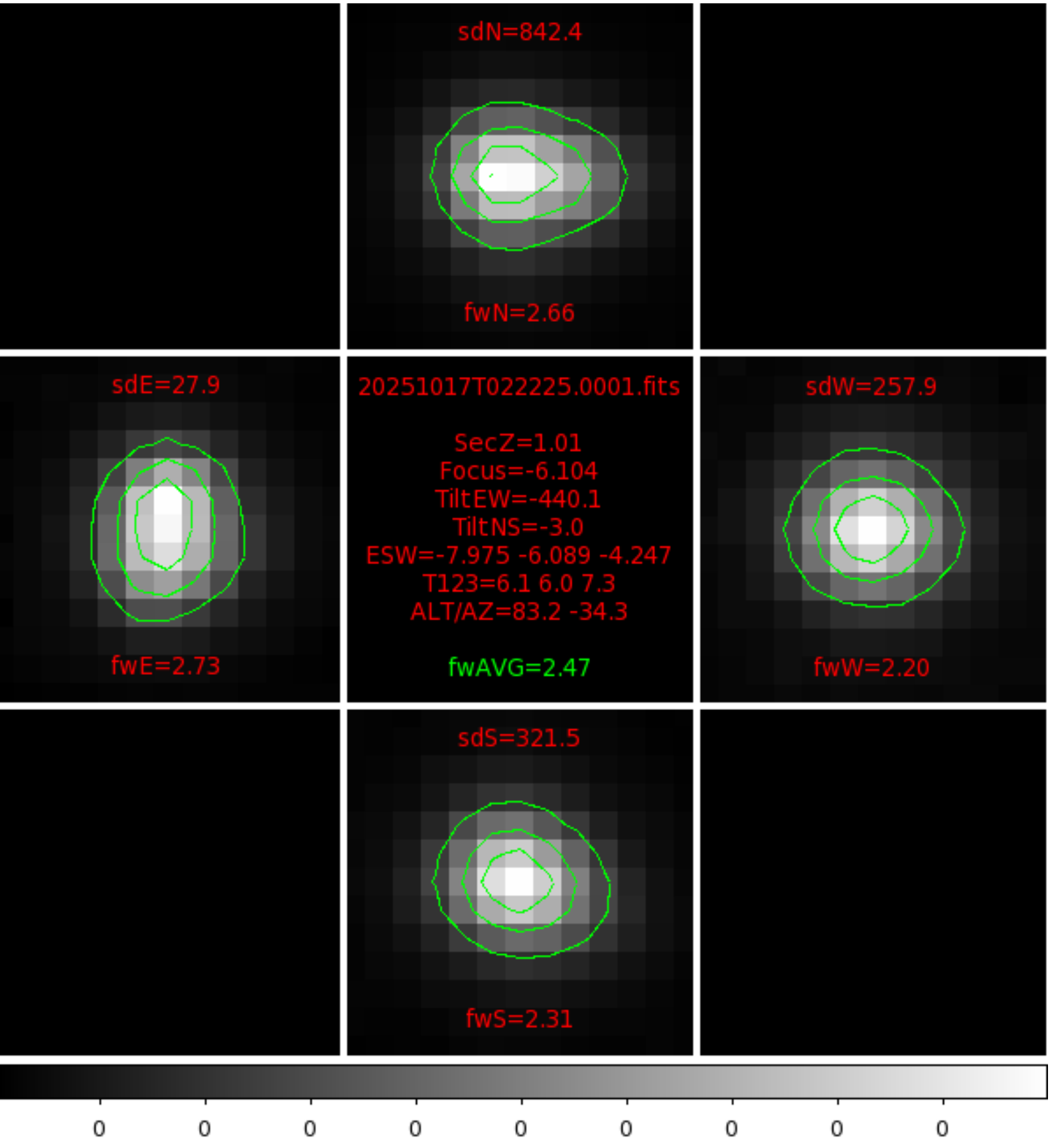
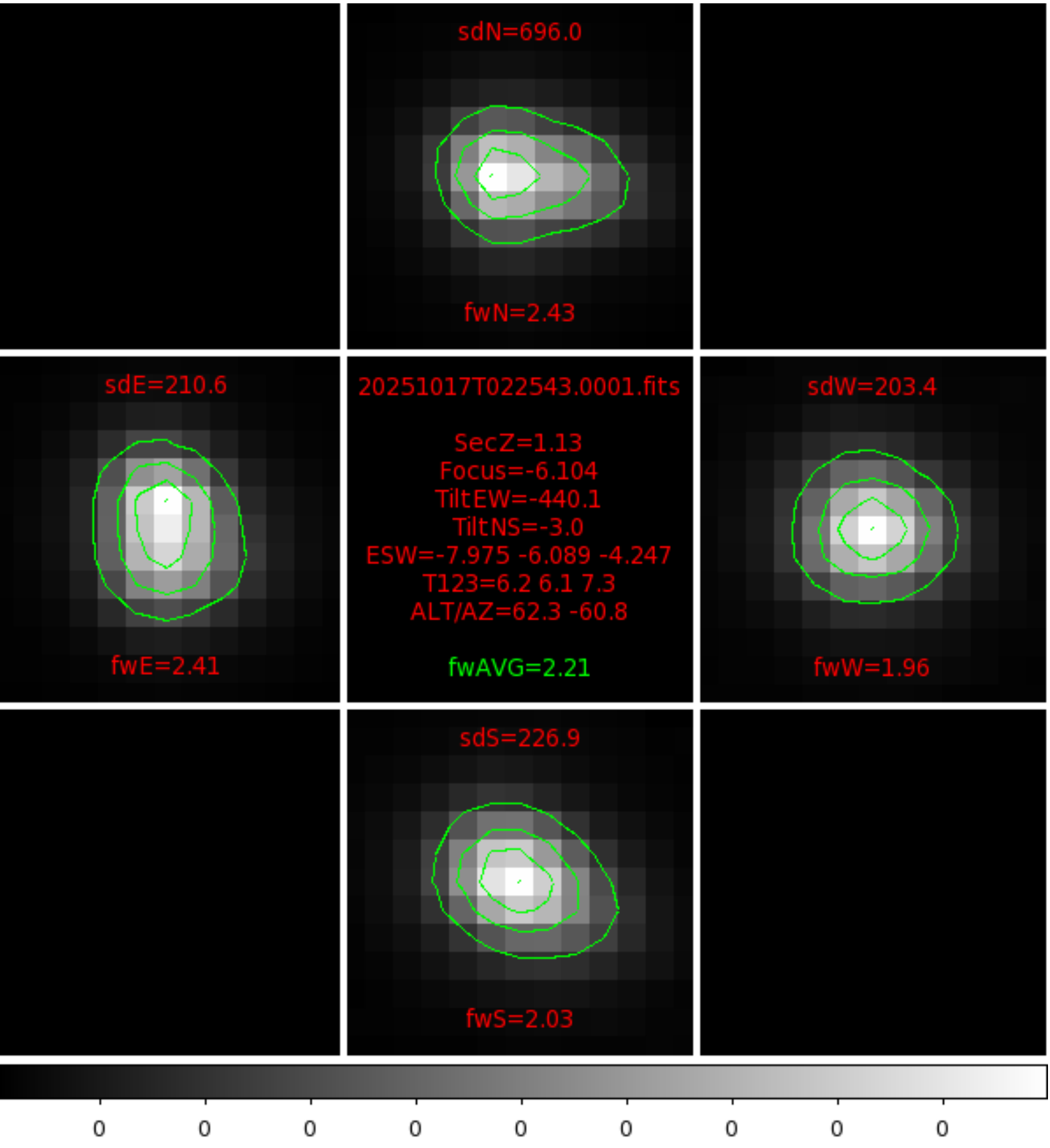

sdN=842.4
fwN=2.66
sdE=27.9
fwE=2.73
20251017T022225.0001.fits
SecZ=1.01
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.1 6.0 7.3
ALT/AZ=83.2 -34.3
fwAVG=2.47
sdW=257.9
fwW=2.20
sdS=321.5
fwS=2.31
0 0 0 0 0 0 0 0 0


sdN=696.0
fwN=2.43
sdE=210.6
fwE=2.41
20251017T022543.0001.fits
SecZ=1.13
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.2 6.1 7.3
ALT/AZ=62.3 -60.8
fwAVG=2.21
sdW=203.4
fwW=1.96
sdS=226.9
fwS=2.03
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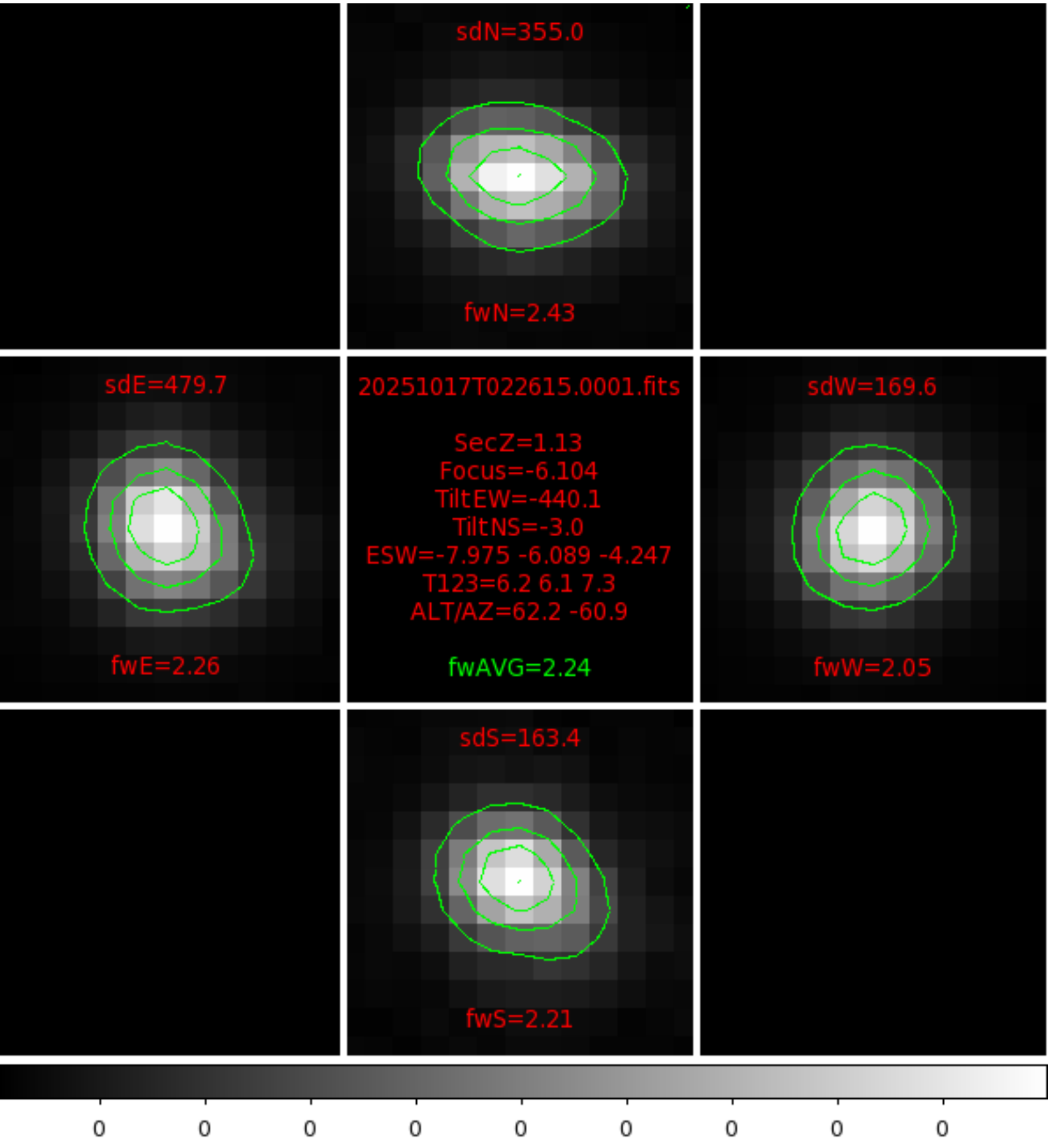
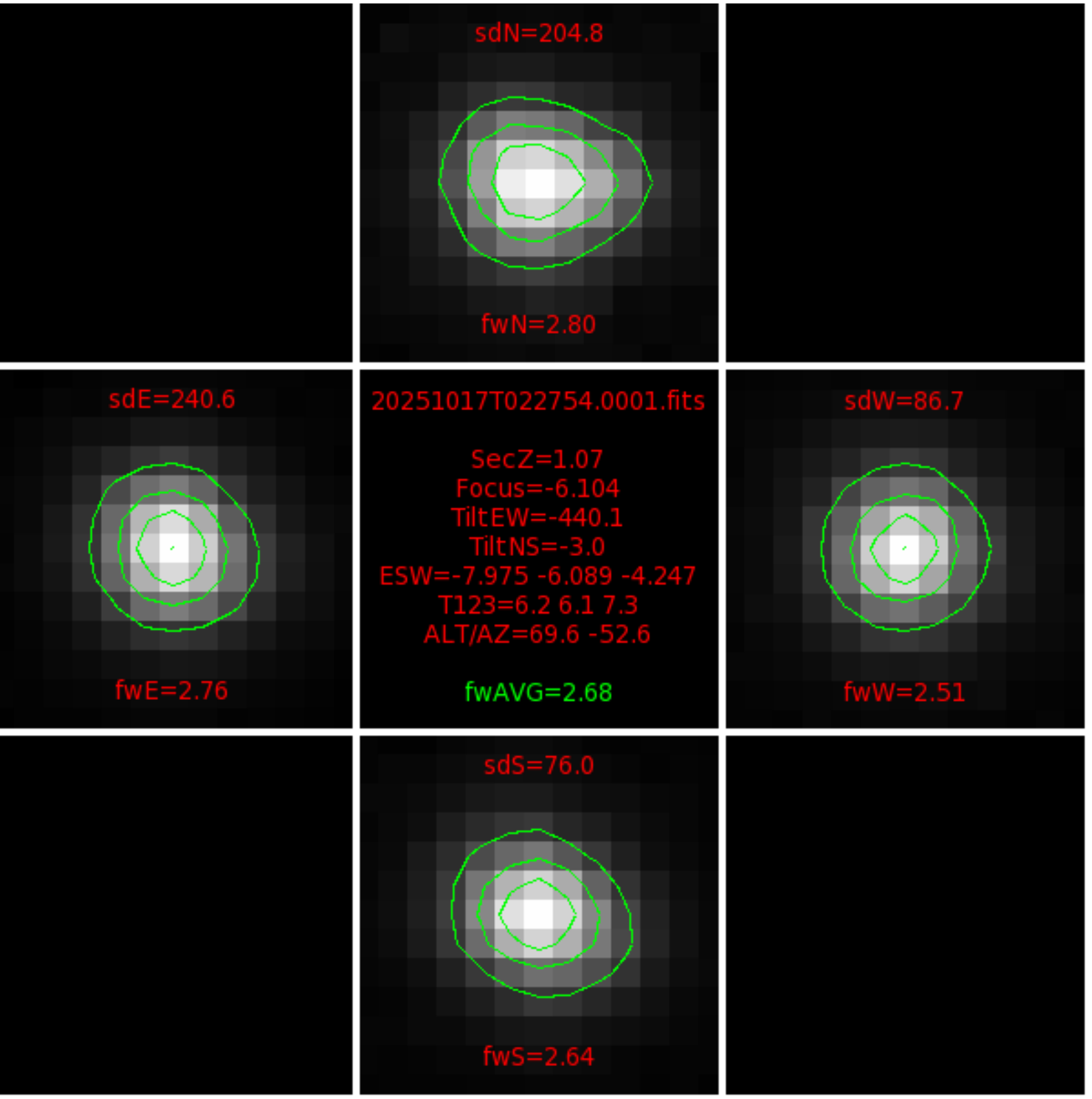
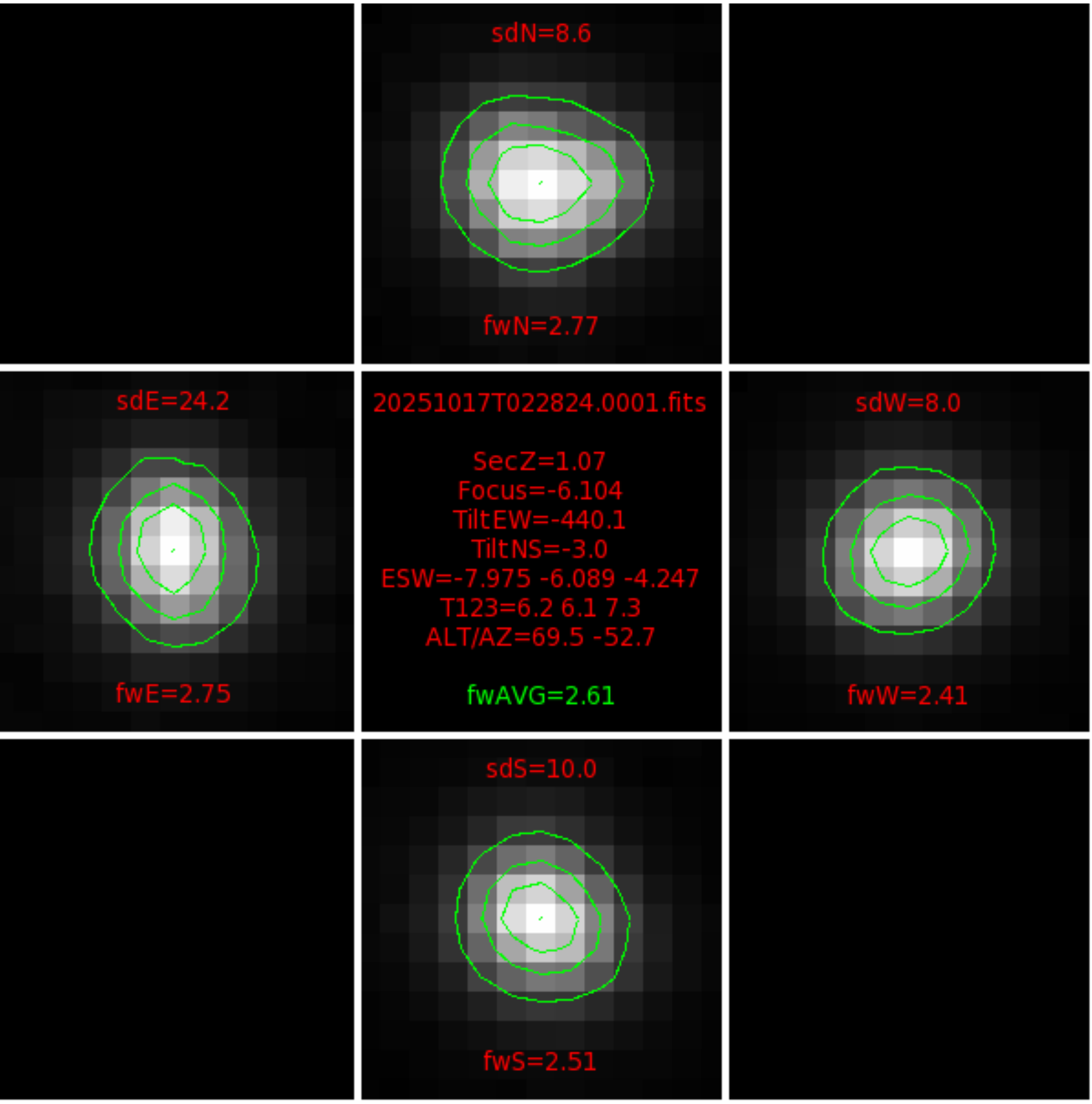
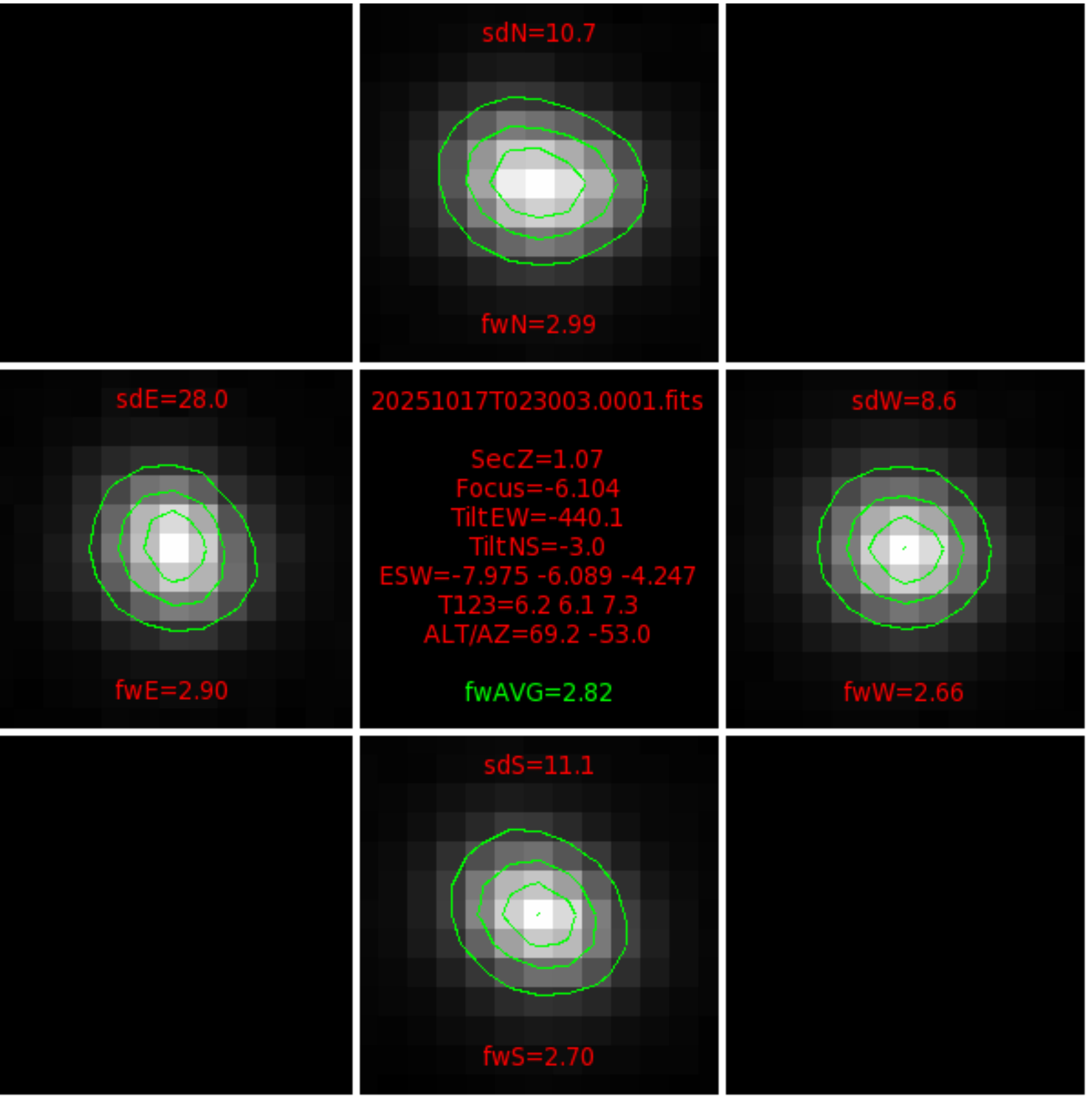

sdN=355.0
fwN=2.43
sdE=479.7
fwE=2.26
20251017T022615.0001.fits
SecZ=1.13
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.2 6.1 7.3
ALT/AZ=62.2 -60.9
fwAVG=2.24
sdW=169.6
fwW=2.05
sdS=163.4
fwS=2.21
0 0 0 0 0 0 0 0 0


sdN=204.8
fwN=2.80
sdE=240.6
fwE=2.76
20251017T022754.0001.fits
SecZ=1.07
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.2 6.1 7.3
ALT/AZ=69.6 -52.6
fwAVG=2.68
sdW=86.7
fwW=2.51
sdS=76.0
fwS=2.64
0 0 0 0 0 0 0 0 0


sdN=8.6
fwN=2.77
sdE=24.2
fwE=2.75
20251017T022824.0001.fits
SecZ=1.07
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.2 6.1 7.3
ALT/AZ=69.5 -52.7
fwAVG=2.61
sdW=8.0
fwW=2.41
sdS=10.0
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=10.7
fwN=2.99
sdE=28.0
fwE=2.90
20251017T023003.0001.fits
SecZ=1.07
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.2 6.1 7.3
ALT/AZ=69.2 -53.0
fwAVG=2.82
sdW=8.6
fwW=2.66
sdS=11.1
fwS=2.70
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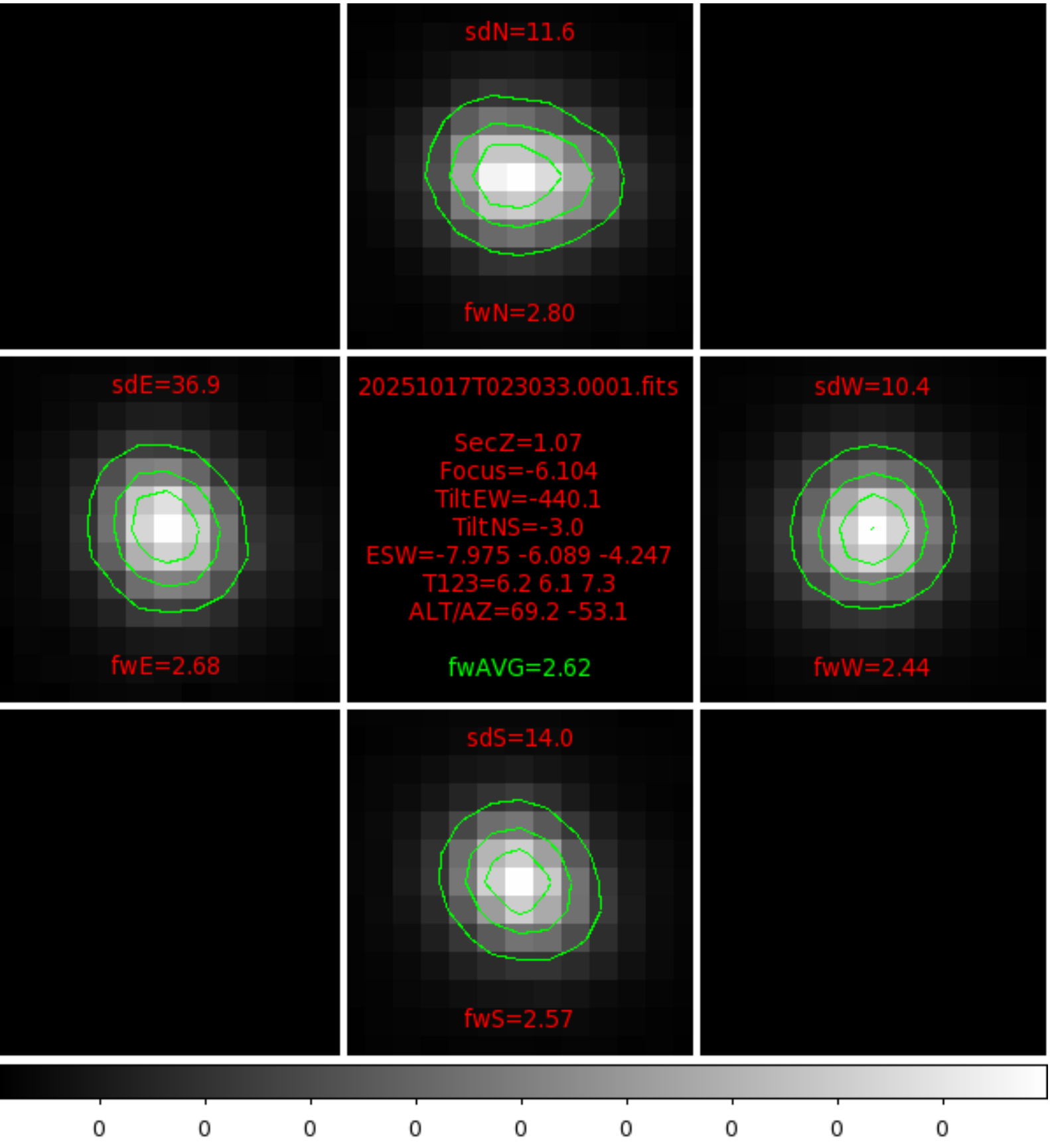
sdN=11.6
fwN=2.80
sdE=36.9
fwE=2.68
20251017T023033.0001.fits
SecZ=1.07
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.2 6.1 7.3
ALT/AZ=69.2 -53.1
fwAVG=2.62
sdW=10.4
fwW=2.44
sdS=14.0
fwS=2.57
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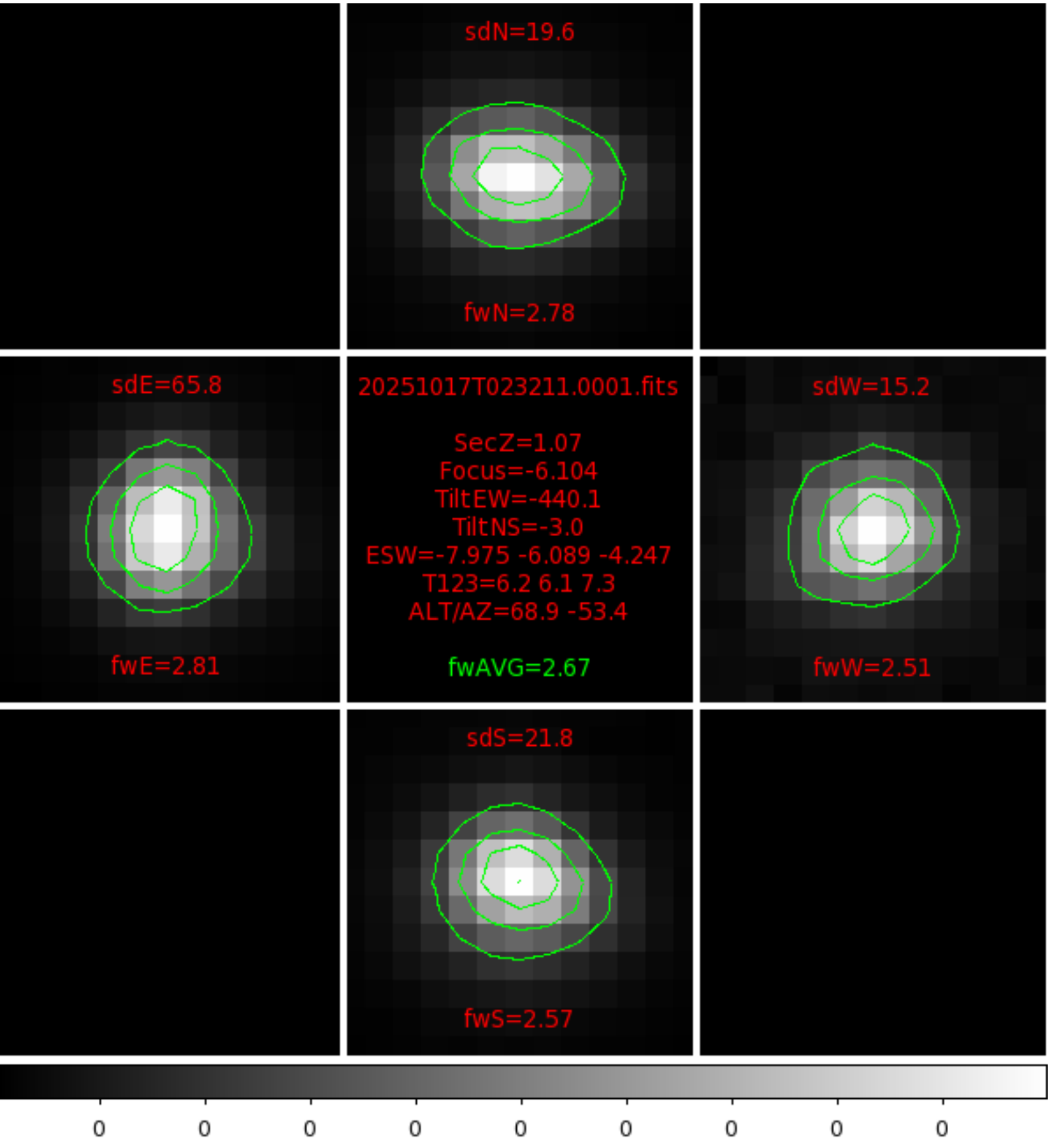
sdN=19.6
fwN=2.78
sdE=65.8
fwE=2.81
20251017T023211.0001.fits
SecZ=1.07
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.2 6.1 7.3
ALT/AZ=68.9 -53.4
fwAVG=2.67
sdW=15.2
fwW=2.51
sdS=21.8
fwS=2.57
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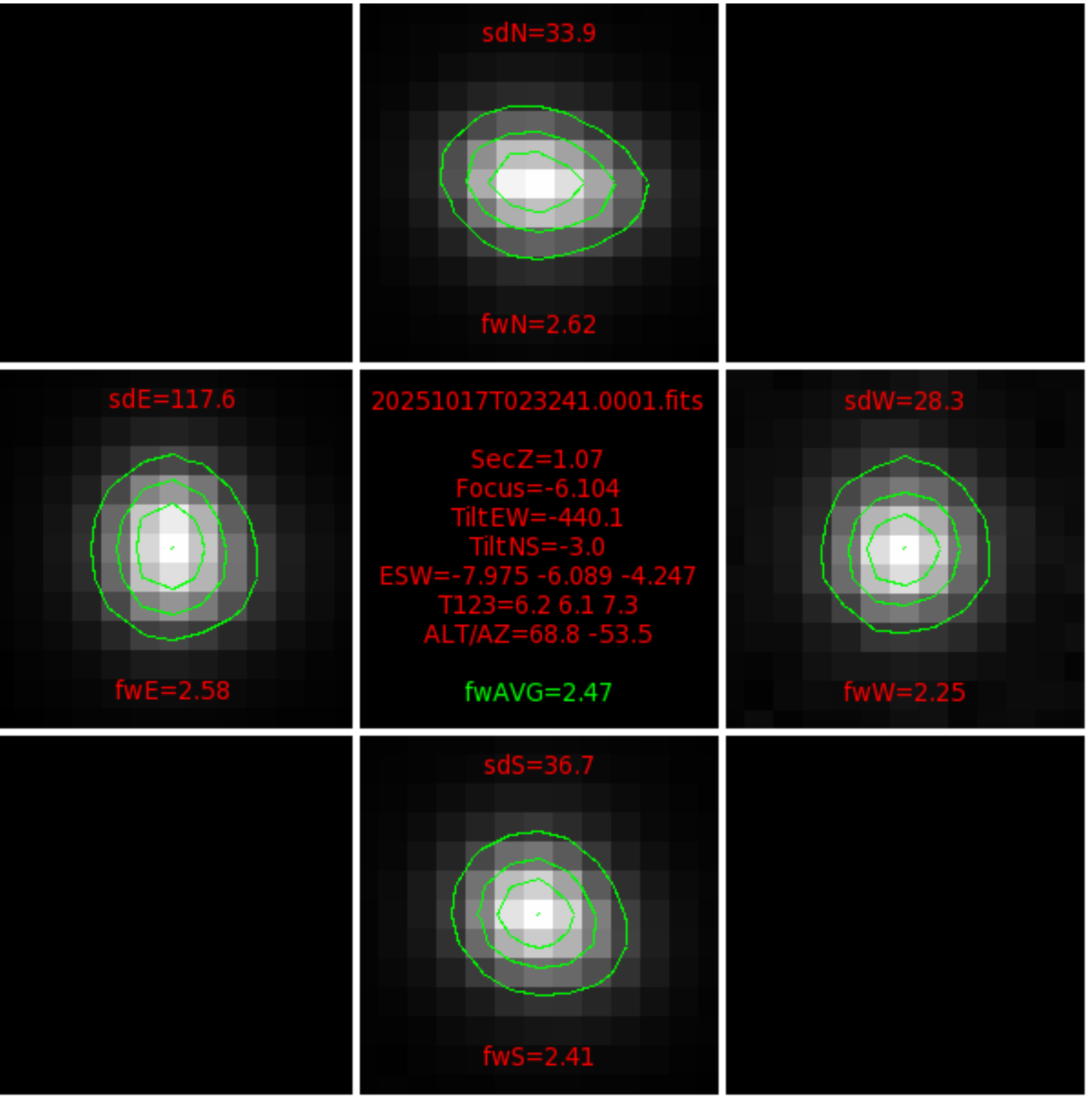
sdN=33.9
fwN=2.62
sdE=117.6
fwE=2.58
20251017T023241.0001.fits
SecZ=1.07
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.2 6.1 7.3
ALT/AZ=68.8 -53.5
fwAVG=2.47
sdW=28.3
fwW=2.25
sdS=36.7
fwS=2.41
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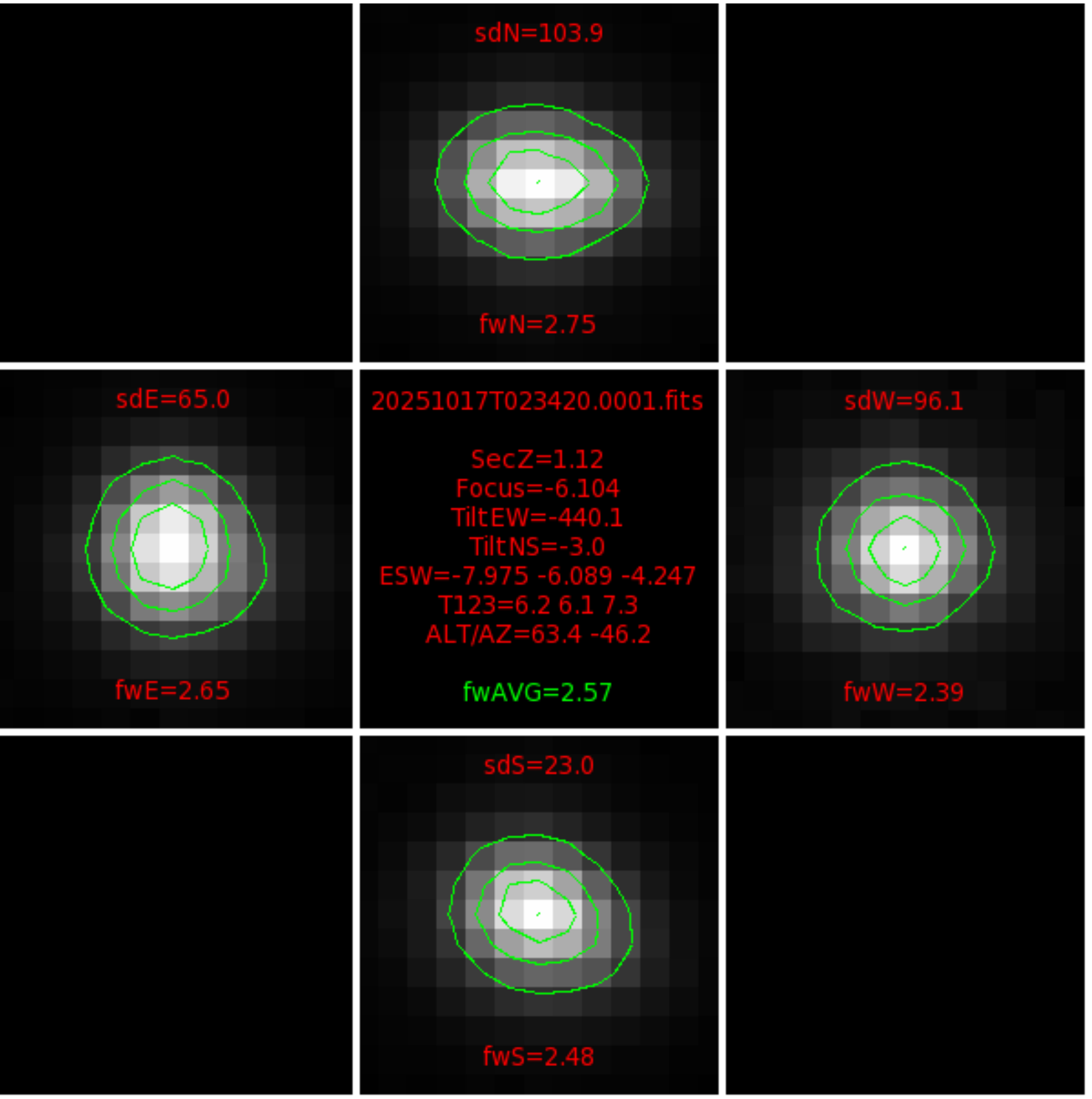
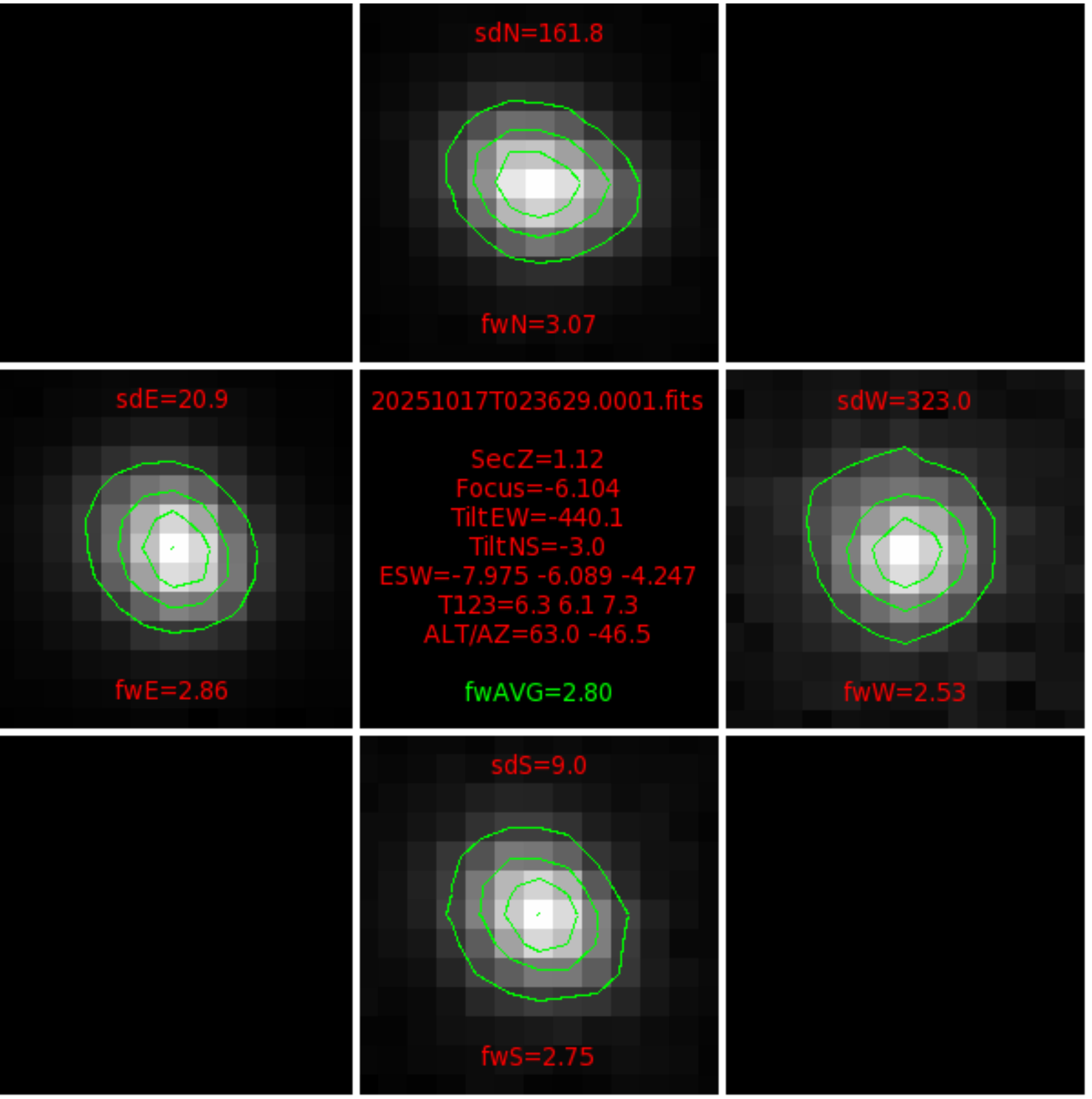
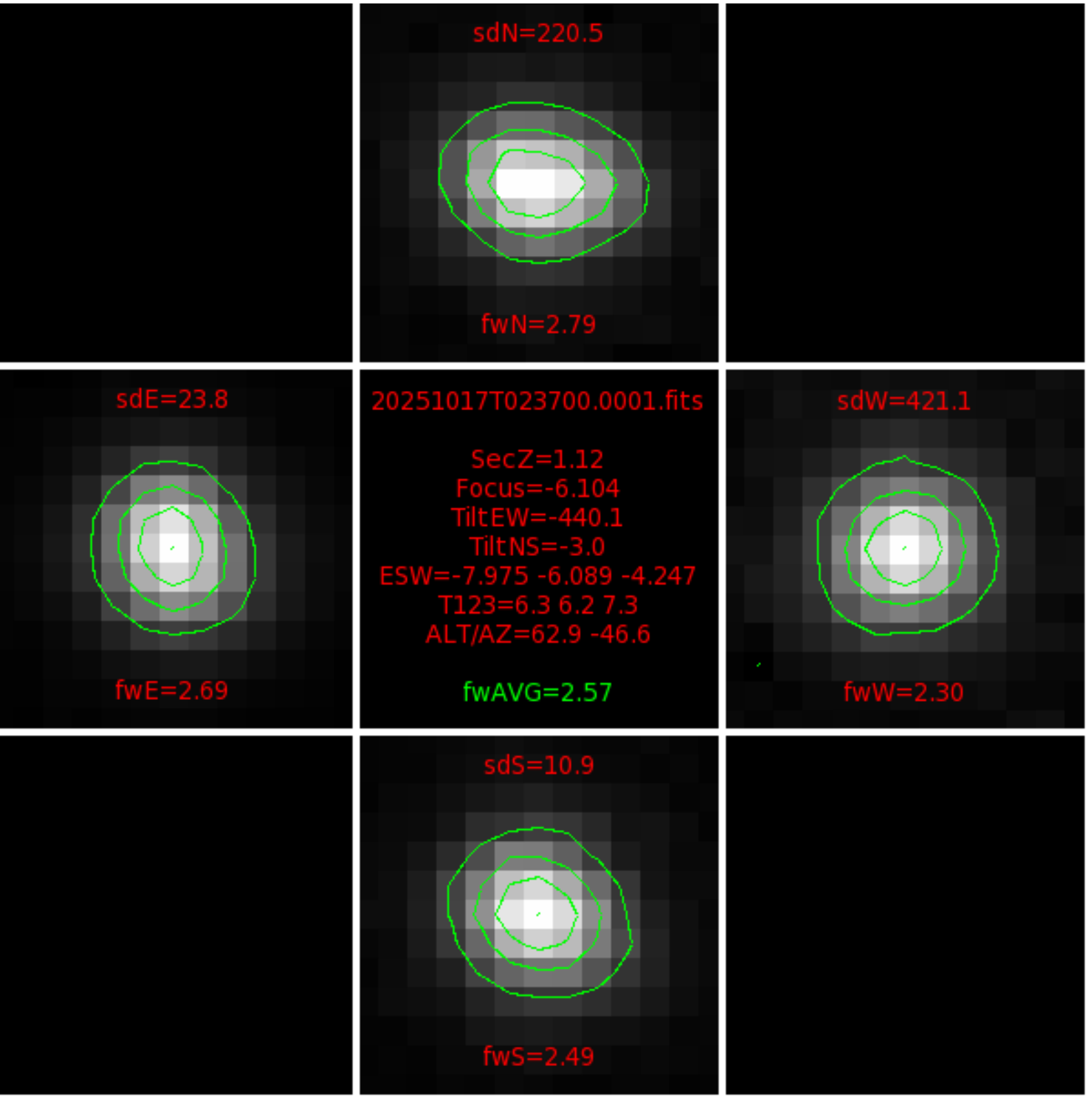
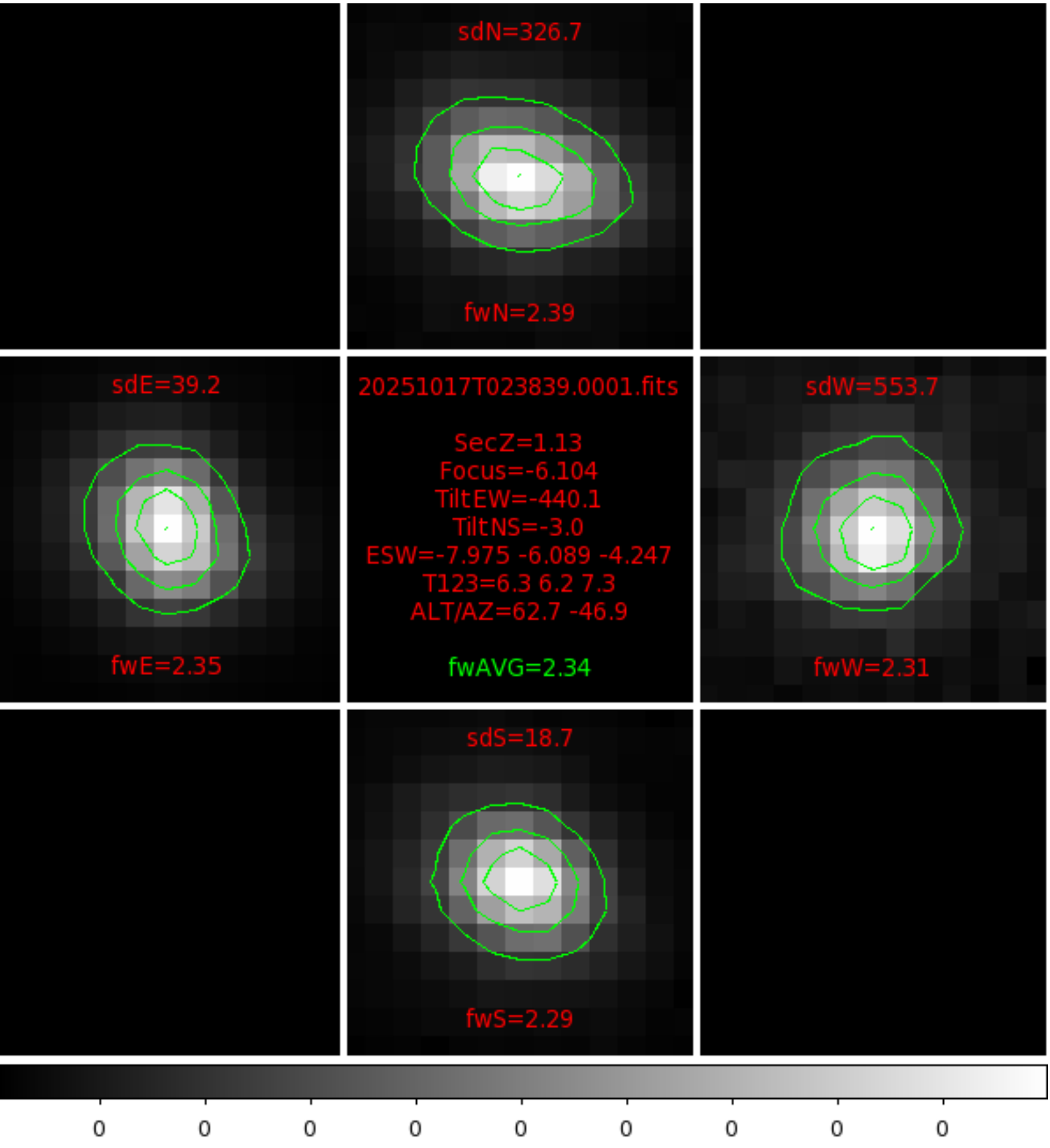
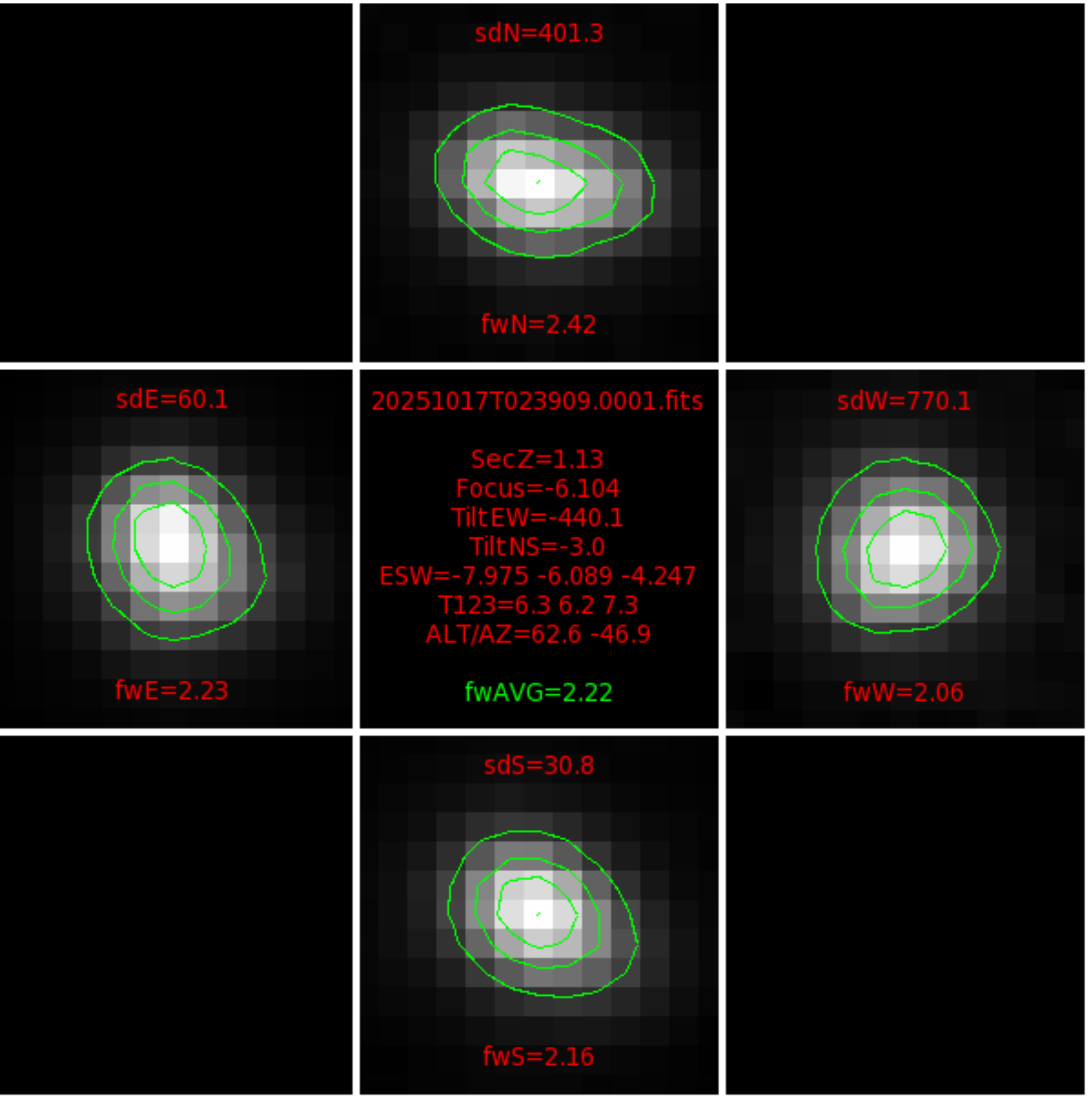

sdN=103.9
fwN=2.75
sdE=65.0
fwE=2.65
20251017T023420.0001.fits
SecZ=1.12
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.2 6.1 7.3
ALT/AZ=63.4 -46.2
fwAVG=2.57
sdW=96.1
fwW=2.39
sdS=23.0
fwS=2.48
0 0 0 0 0 0 0 0 0


sdN=161.8
fwN=3.07
sdE=20.9
fwE=2.86
20251017T023629.0001.fits
SecZ=1.12
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.3 6.1 7.3
ALT/AZ=63.0 -46.5
fwAVG=2.80
sdW=323.0
fwW=2.53
sdS=9.0
fwS=2.75
0 0 0 0 0 0 0 0 0


sdN=220.5
fwN=2.79
sdE=23.8
fwE=2.69
20251017T023700.0001.fits
SecZ=1.12
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.3 6.2 7.3
ALT/AZ=62.9 -46.6
fwAVG=2.57
sdW=421.1
fwW=2.30
sdS=10.9
fwS=2.49
0 0 0 0 0 0 0 0 0


sdN=326.7
fwN=2.39
sdE=39.2
fwE=2.35
20251017T023839.0001.fits
SecZ=1.13
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.3 6.2 7.3
ALT/AZ=62.7 -46.9
fwAVG=2.34
sdW=553.7
fwW=2.31
sdS=18.7
fwS=2.29
0 0 0 0 0 0 0 0 0


sdN=401.3
fwN=2.42
sdE=60.1
fwE=2.23
20251017T023909.0001.fits
SecZ=1.13
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.3 6.2 7.3
ALT/AZ=62.6 -46.9
fwAVG=2.22
sdW=770.1
fwW=2.06
sdS=30.8
fwS=2.16
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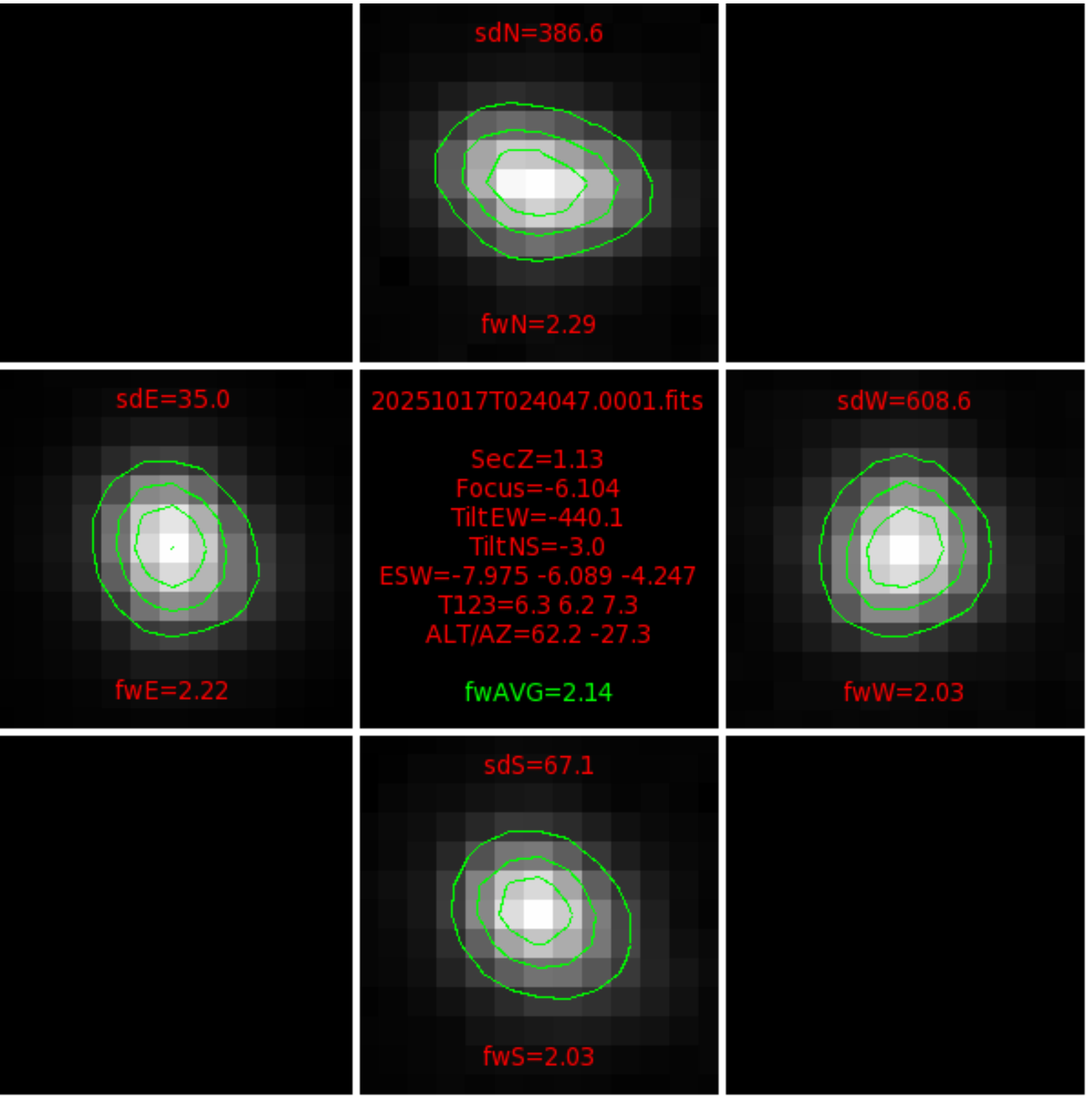
sdN=386.6
fwN=2.29
sdE=35.0
fwE=2.22
20251017T024047.0001.fits
SecZ=1.13
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.3 6.2 7.3
ALT/AZ=62.2 -27.3
fwAVG=2.14
sdW=608.6
fwW=2.03
sdS=67.1
fwS=2.03
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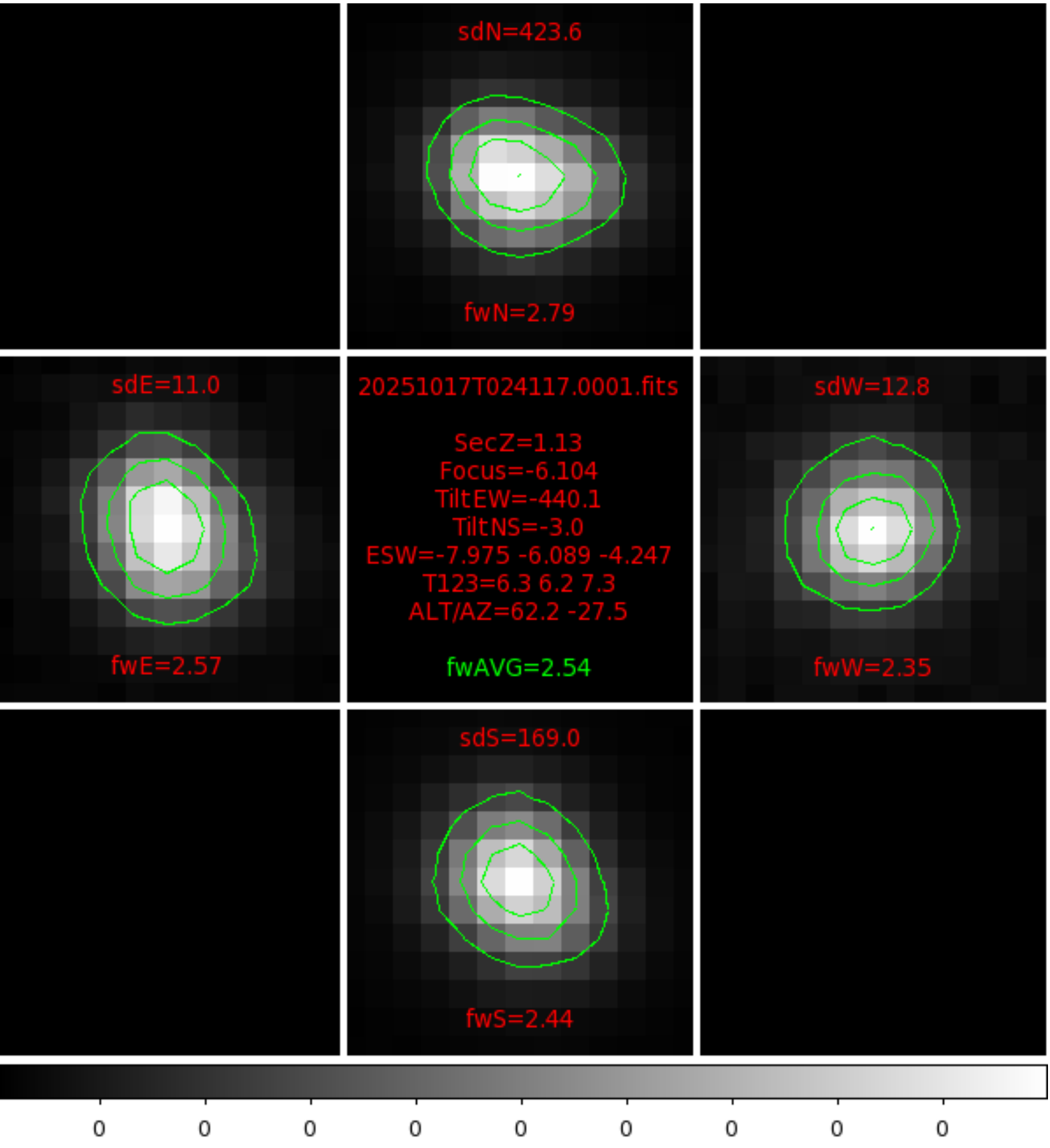
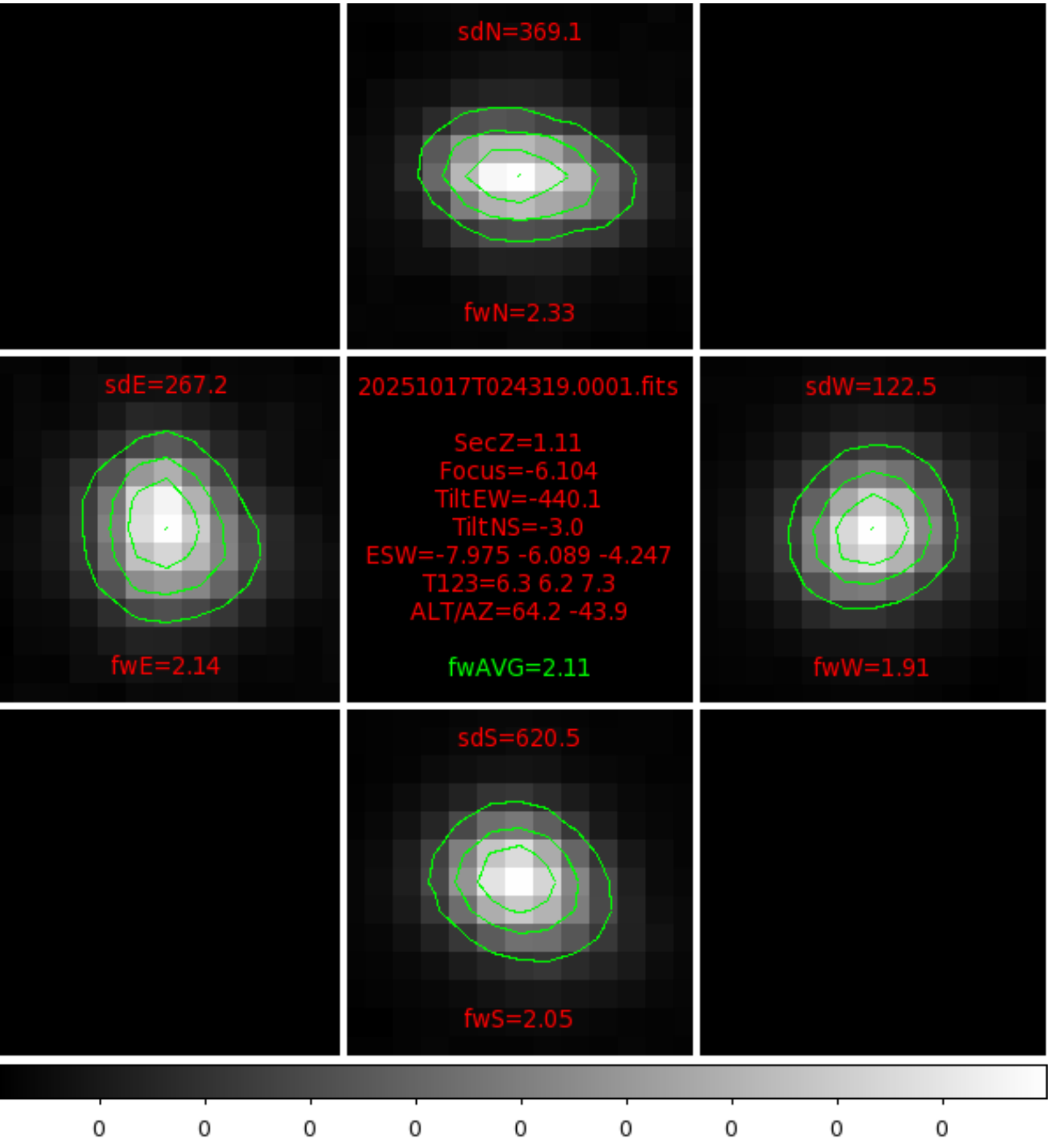
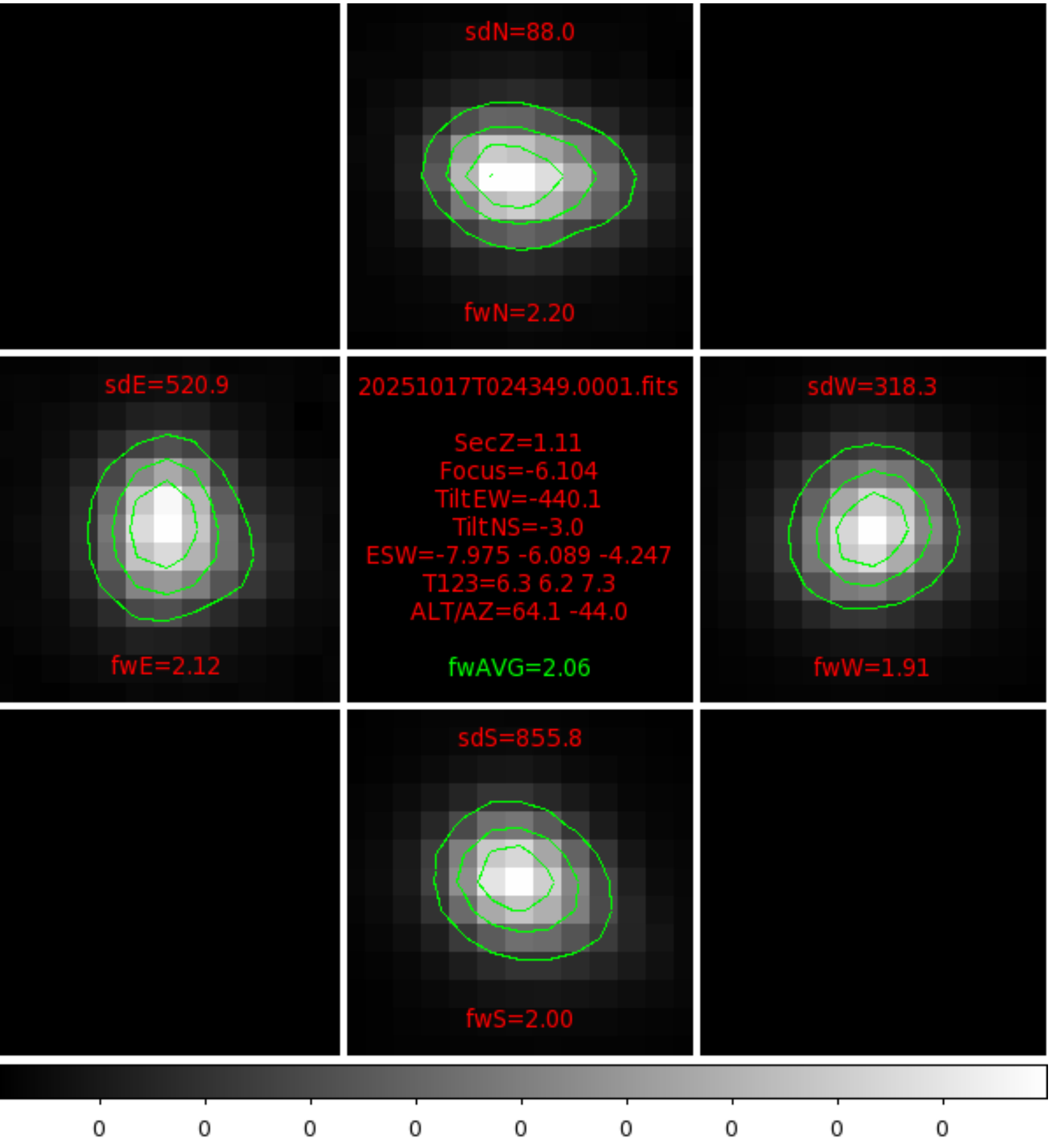
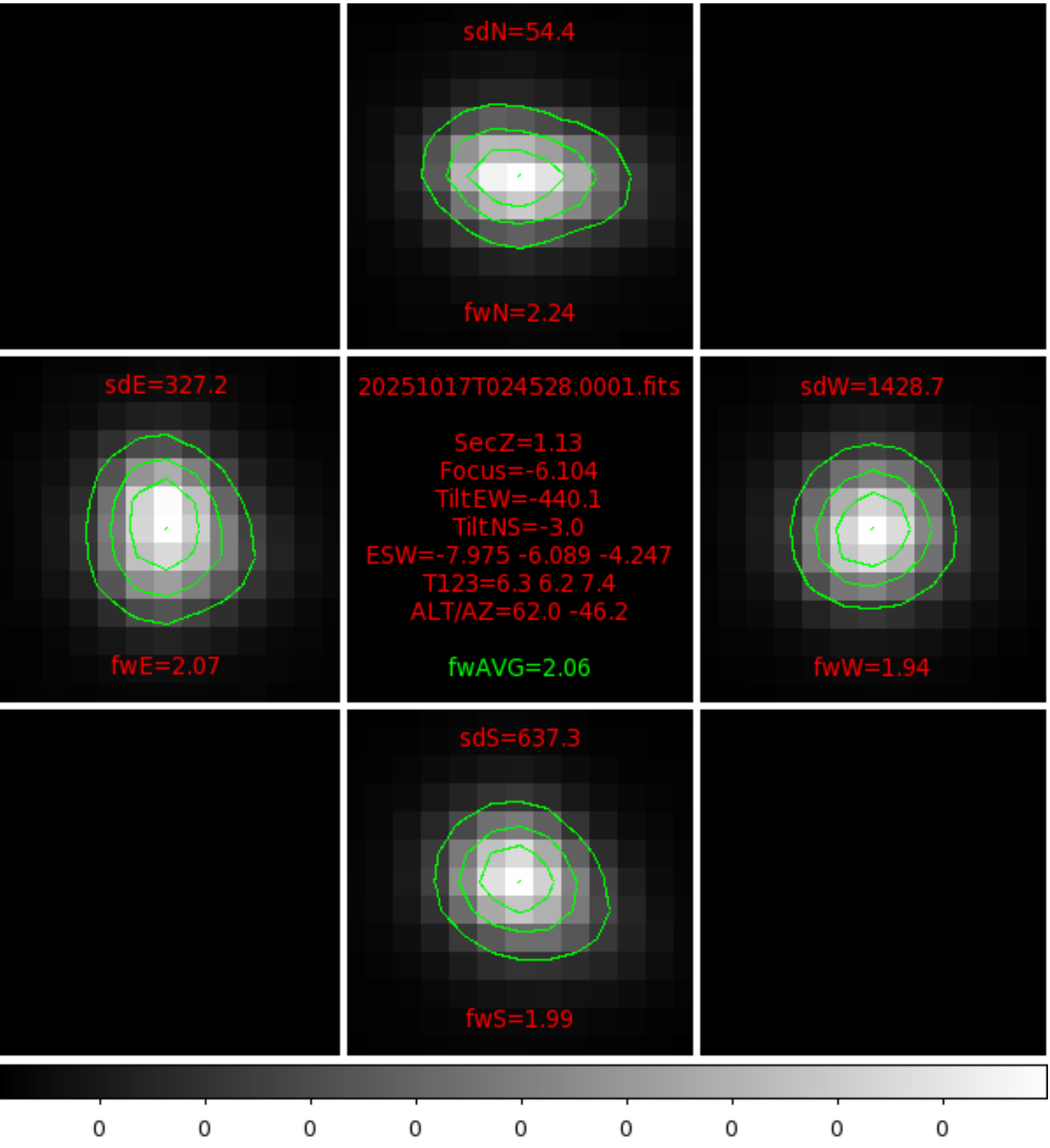

sdN=423.6
fwN=2.79
sdE=11.0
fwE=2.57
20251017T024117.0001.fits
SecZ=1.13
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.3 6.2 7.3
ALT/AZ=62.2 -27.5
fwAVG=2.54
sdW=12.8
fwW=2.35
sdS=169.0
fwS=2.44
0 0 0 0 0 0 0 0 0


sdN=369.1
fwN=2.33
sdE=267.2
fwE=2.14
20251017T024319.0001.fits
SecZ=1.11
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.3 6.2 7.3
ALT/AZ=64.2 -43.9
fwAVG=2.11
sdW=122.5
fwW=1.91
sdS=620.5
fwS=2.05
0 0 0 0 0 0 0 0 0


sdN=88.0
fwN=2.20
sdE=520.9
fwE=2.12
20251017T024349.0001.fits
SecZ=1.11
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.3 6.2 7.3
ALT/AZ=64.1 -44.0
fwAVG=2.06
sdW=318.3
fwW=1.91
sdS=855.8
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=54.4
fwN=2.24
sdE=327.2
fwE=2.07
20251017T024528.0001.fits
SecZ=1.13
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.3 6.2 7.4
ALT/AZ=62.0 -46.2
fwAVG=2.06
sdW=1428.7
fwW=1.94
sdS=637.3
fwS=1.99
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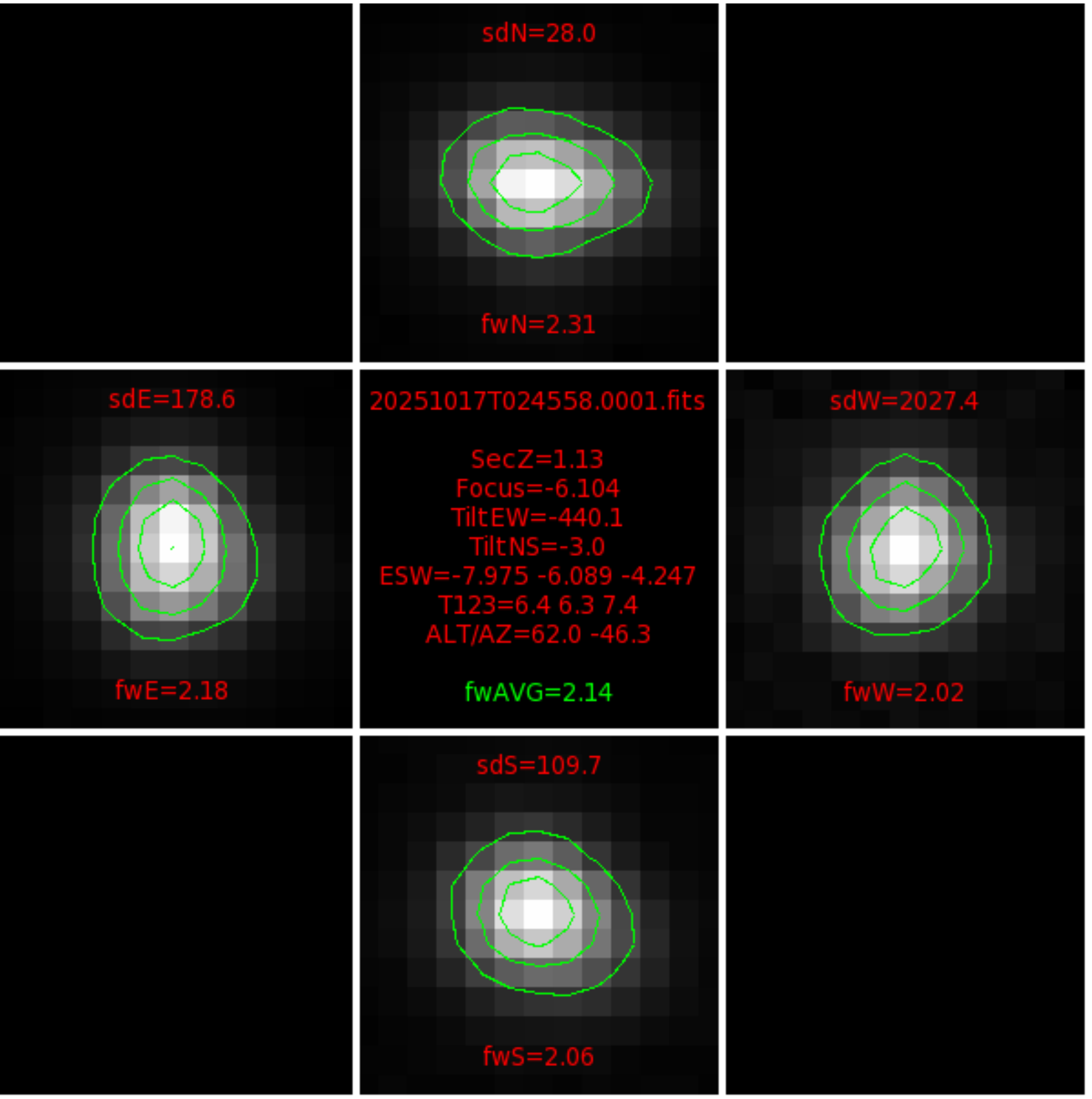
sdN=28.0
fwN=2.31
sdE=178.6
fwE=2.18
20251017T024558.0001.fits
SecZ=1.13
Focus=-6.104
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.975 -6.089 -4.247
T123=6.4 6.3 7.4
ALT/AZ=62.0 -46.3
fwAVG=2.14
sdW=2027.4
fwW=2.02
sdS=109.7
fwS=2.06
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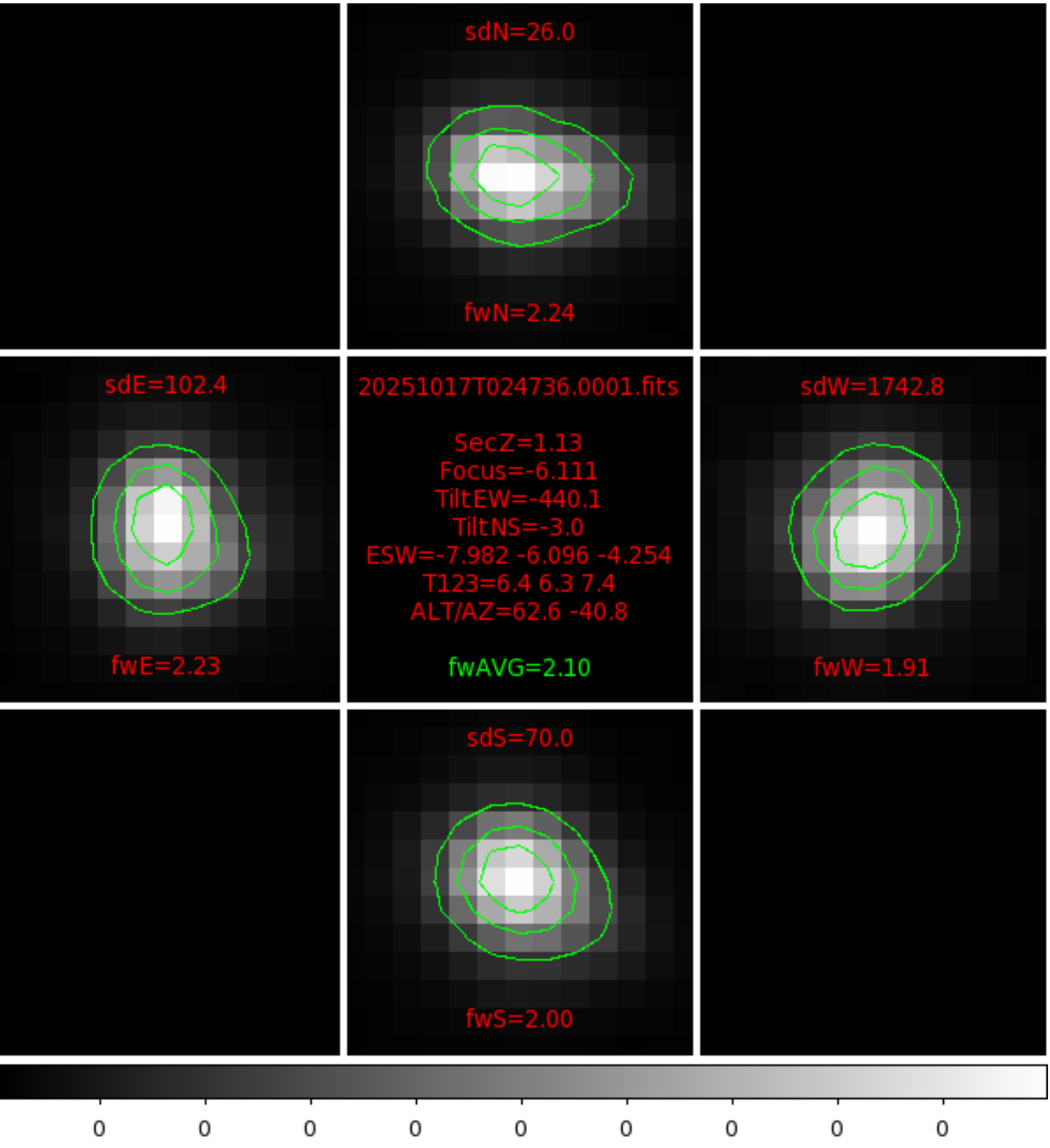
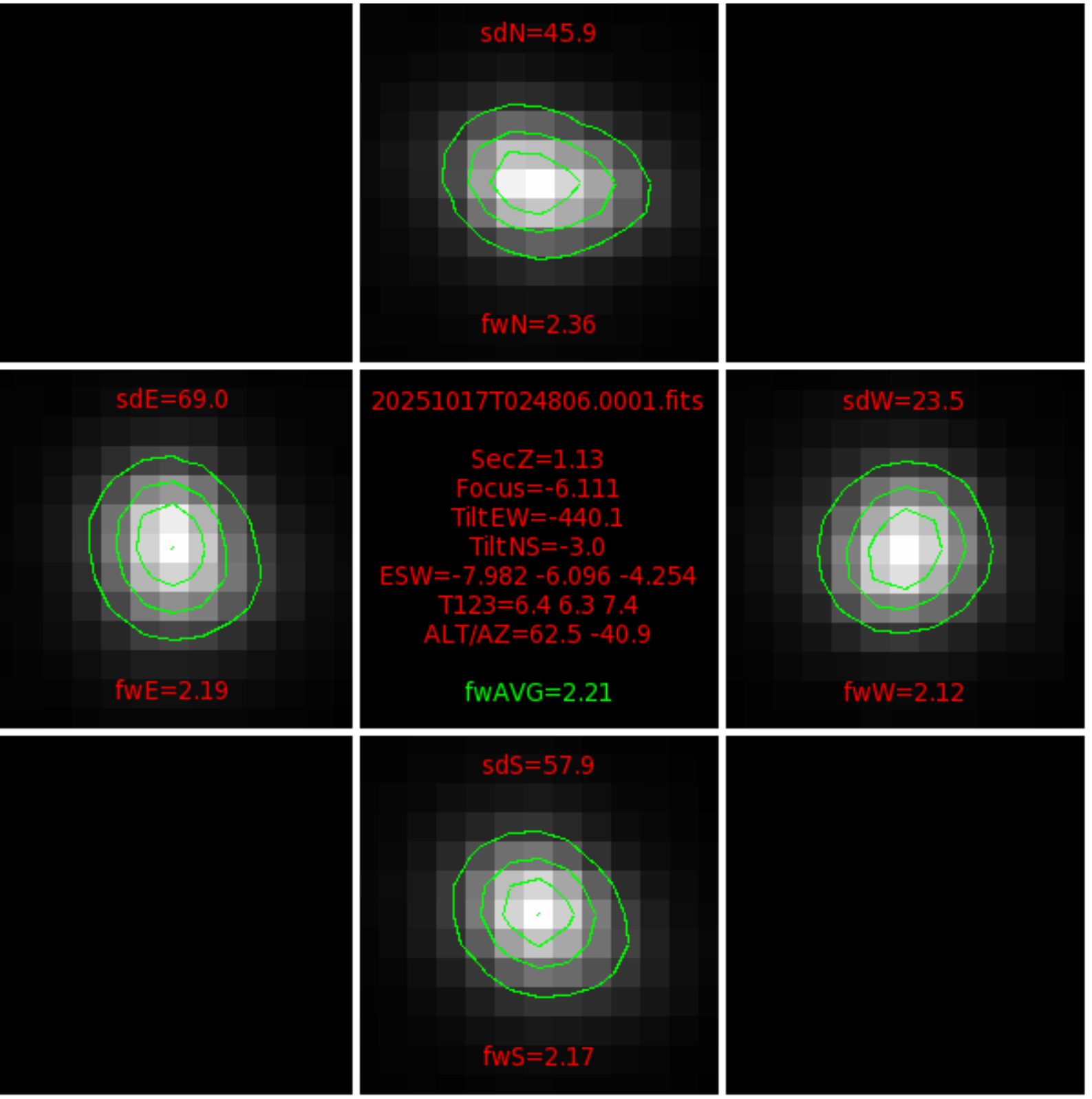

sdN=26.0
fwN=2.24
sdE=102.4
fwE=2.23
20251017T024736.0001.fits
SecZ=1.13
Focus=-6.111
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.982 -6.096 -4.254
T123=6.4 6.3 7.4
ALT/AZ=62.6 -40.8
fwAVG=2.10
sdW=1742.8
fwW=1.91
sdS=70.0
fwS=2.00
0 0 0 0 0 0 0 0 0


sdN=45.9
fwN=2.36
sdE=69.0
fwE=2.19
20251017T024806.0001.fits
SecZ=1.13
Focus=-6.111
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.982 -6.096 -4.254
T123=6.4 6.3 7.4
ALT/AZ=62.5 -40.9
fwAVG=2.21
sdW=23.5
fwW=2.12
sdS=57.9
fwS=2.17
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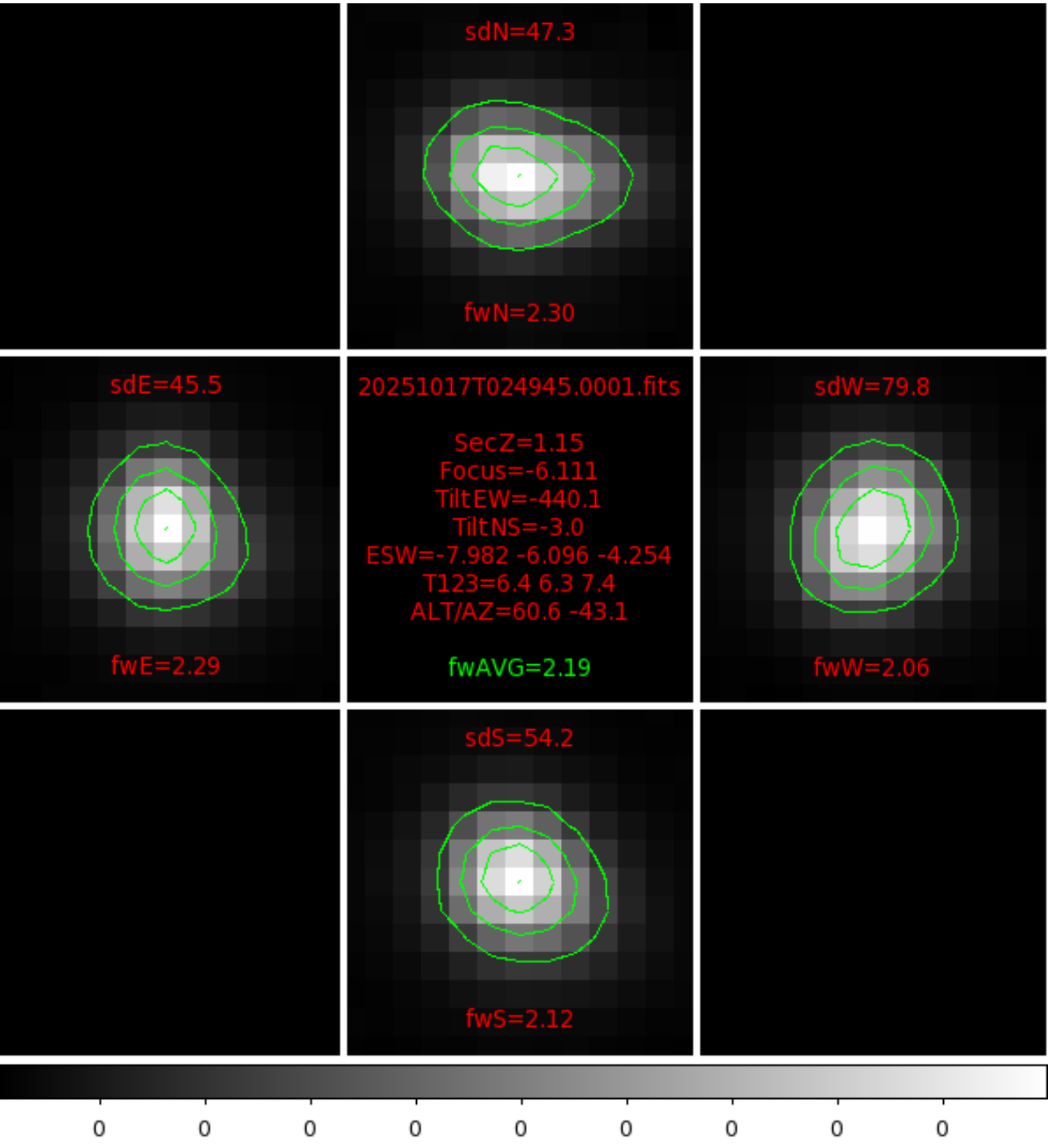
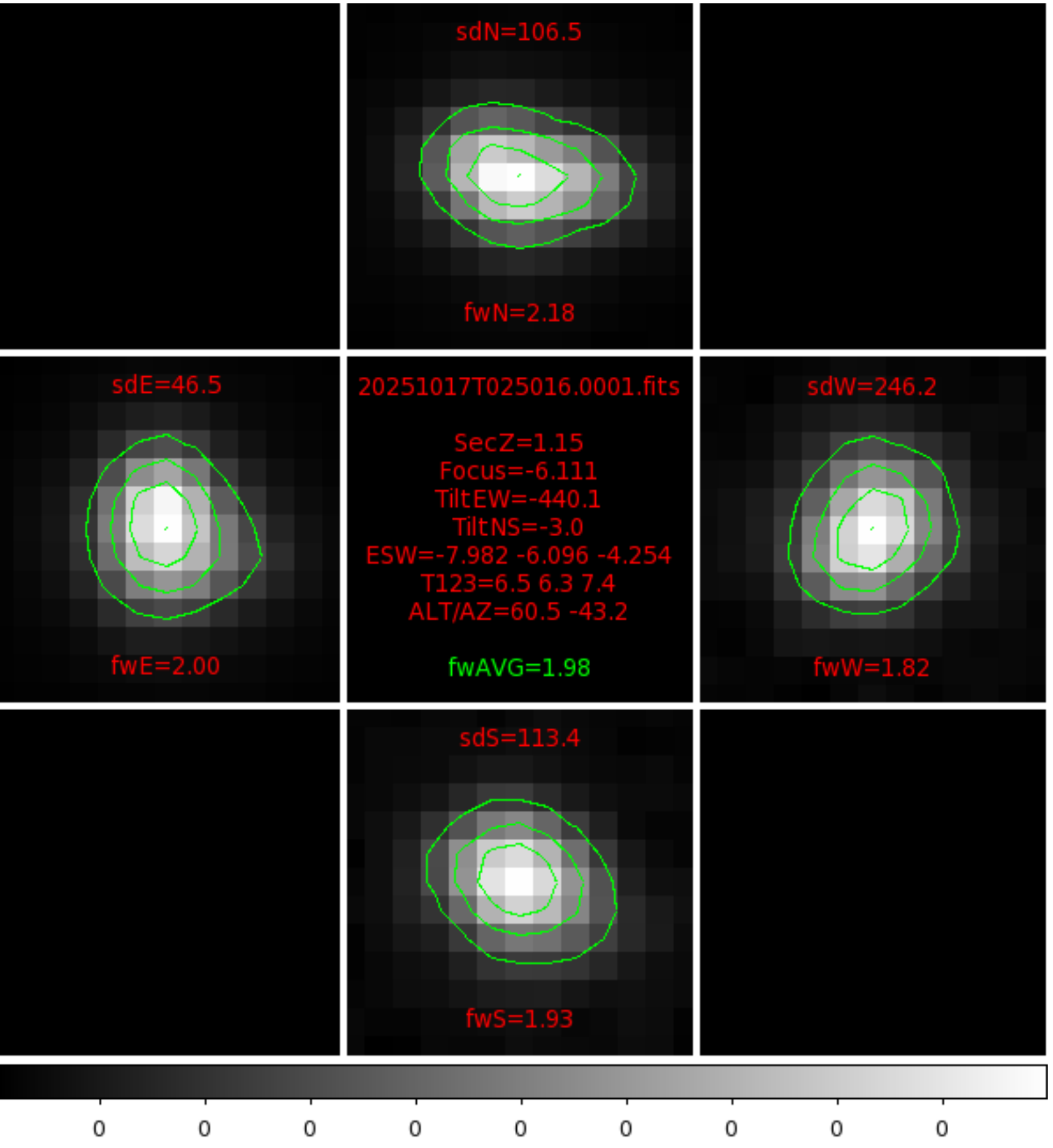

sdN=47.3
fwN=2.30
sdE=45.5
fwE=2.29
20251017T024945.0001.fits
SecZ=1.15
Focus=-6.111
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.982 -6.096 -4.254
T123=6.4 6.3 7.4
ALT/AZ=60.6 -43.1
fwAVG=2.19
sdW=79.8
fwW=2.06
sdS=54.2
fwS=2.12
0 0 0 0 0 0 0 0 0


sdN=106.5
fwN=2.18
sdE=46.5
fwE=2.00
20251017T025016.0001.fits
SecZ=1.15
Focus=-6.111
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.982 -6.096 -4.254
T123=6.5 6.3 7.4
ALT/AZ=60.5 -43.2
fwAVG=1.98
sdW=246.2
fwW=1.82
sdS=113.4
fwS=1.93
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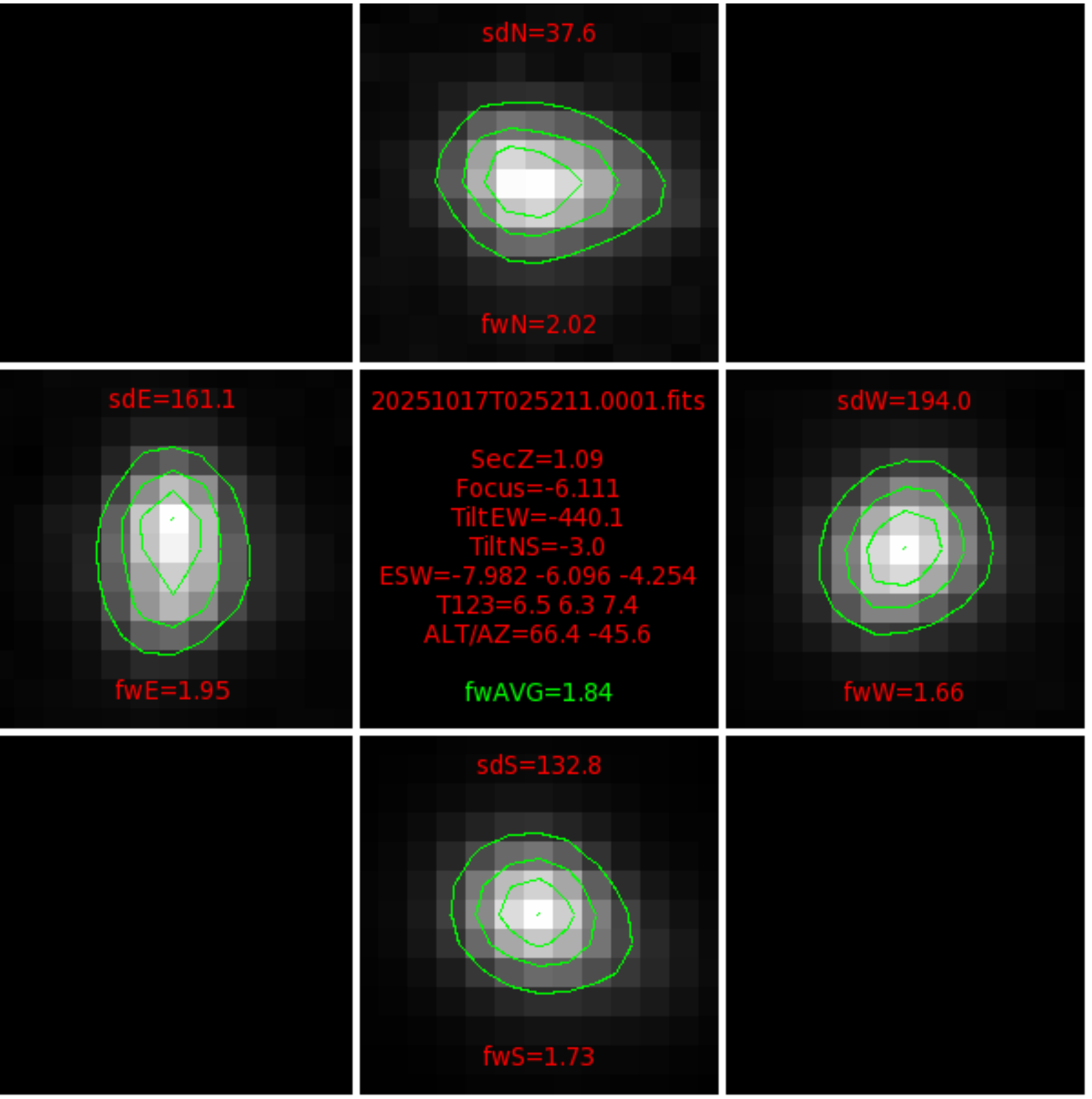
sdN=37.6
fwN=2.02
sdE=161.1
fwE=1.95
20251017T025211.0001.fits
SecZ=1.09
Focus=-6.111
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.982 -6.096 -4.254
T123=6.5 6.3 7.4
ALT/AZ=66.4 -45.6
fwAVG=1.84
sdW=194.0
fwW=1.66
sdS=132.8
fwS=1.73
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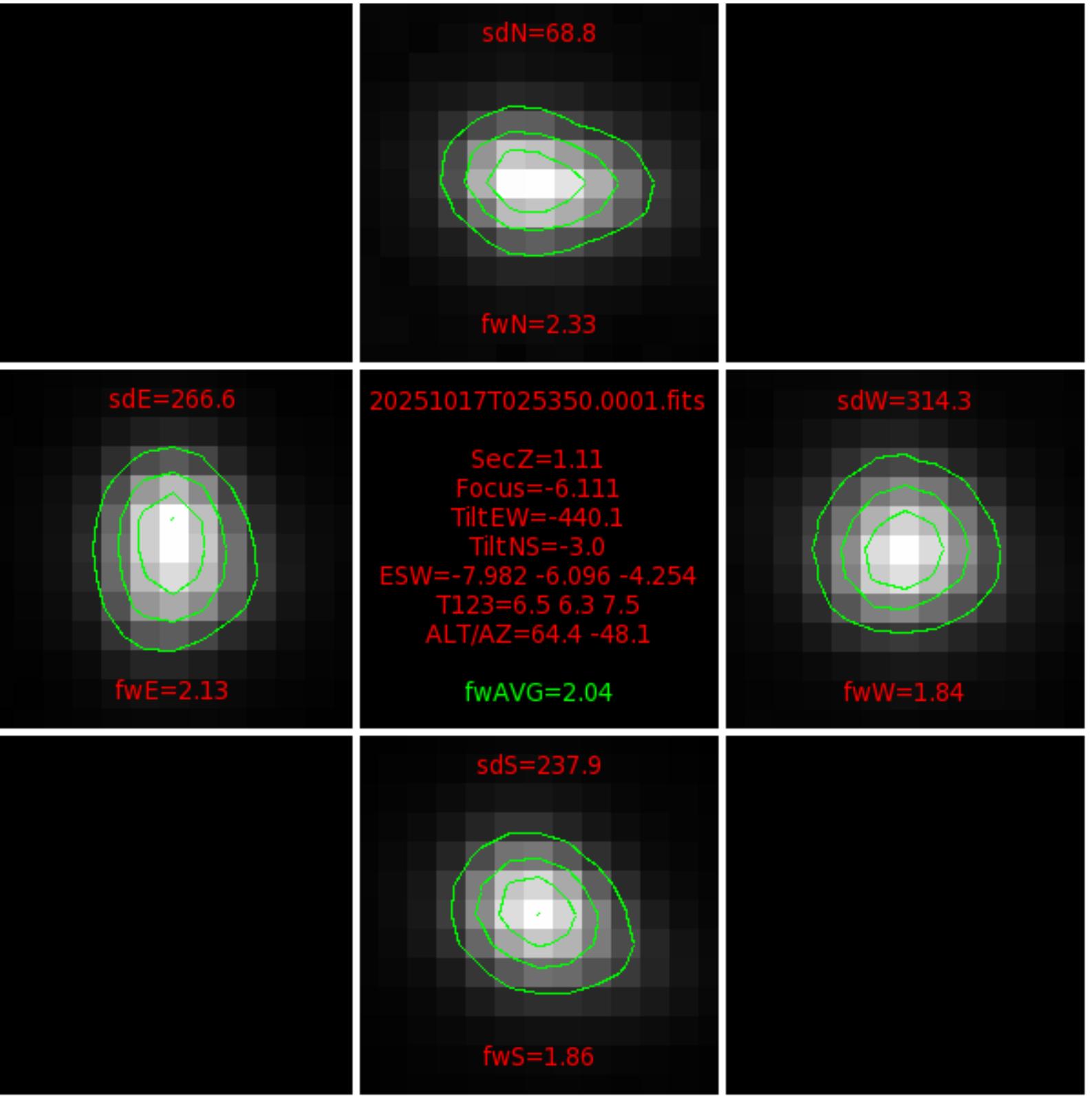
sdN=68.8
fwN=2.33
sdE=266.6
fwE=2.13
20251017T025350.0001.fits
SecZ=1.11
Focus=-6.111
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.982 -6.096 -4.254
T123=6.5 6.3 7.5
ALT/AZ=64.4 -48.1
fwAVG=2.04
sdW=314.3
fwW=1.84
sdS=237.9
fwS=1.86
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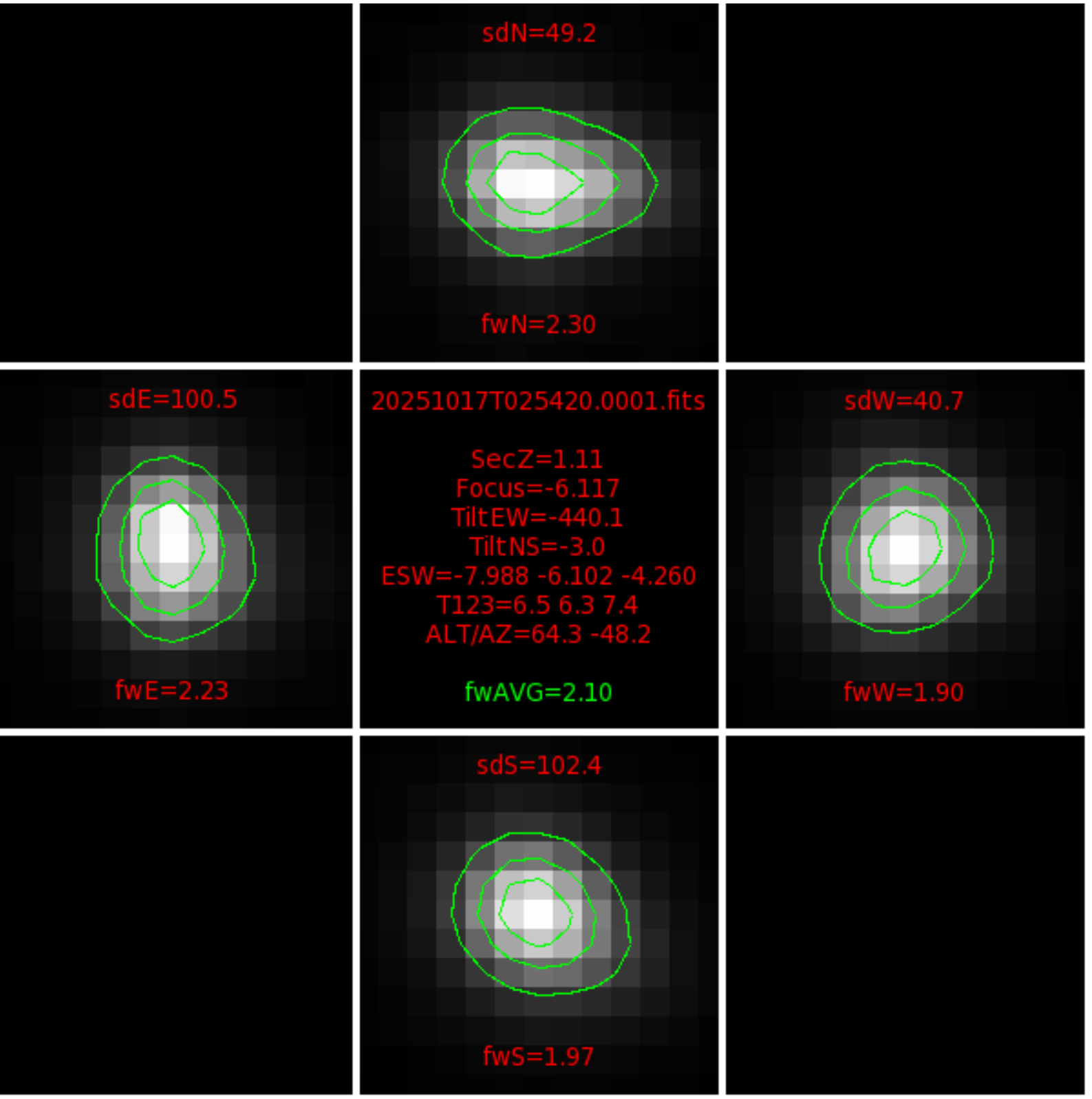
sdN=49.2
fwN=2.30
sdE=100.5
fwE=2.23
20251017T025420.0001.fits
SecZ=1.11
Focus=-6.117
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.988 -6.102 -4.260
T123=6.5 6.3 7.4
ALT/AZ=64.3 -48.2
fwAVG=2.10
sdW=40.7
fwW=1.90
sdS=102.4
fwS=1.97
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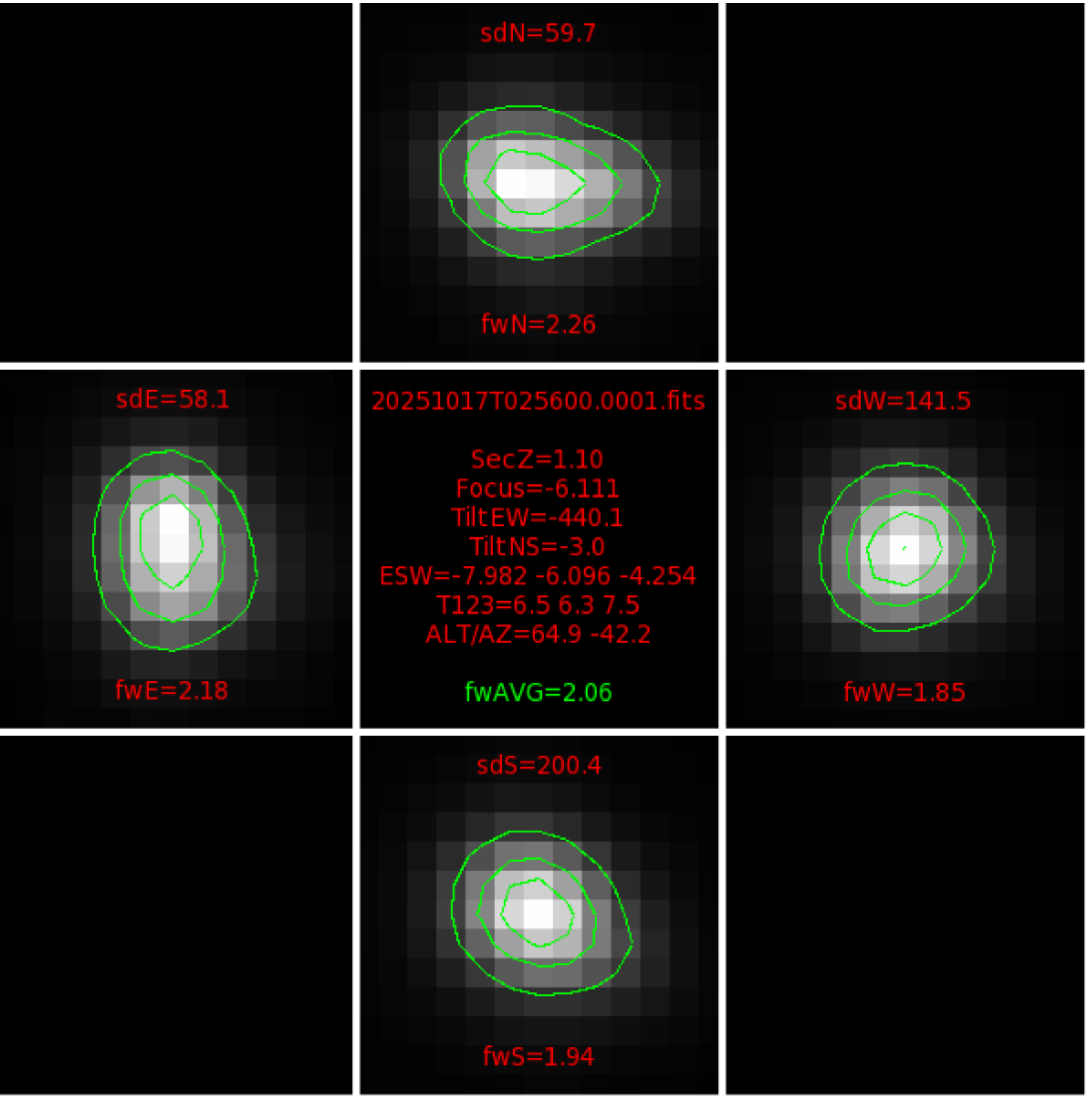
sdN=59.7
fwN=2.26
sdE=58.1
fwE=2.18
20251017T025600.0001.fits
SecZ=1.10
Focus=-6.111
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.982 -6.096 -4.254
T123=6.5 6.3 7.5
ALT/AZ=64.9 -42.2
fwAVG=2.06
sdW=141.5
fwW=1.85
sdS=200.4
fwS=1.94
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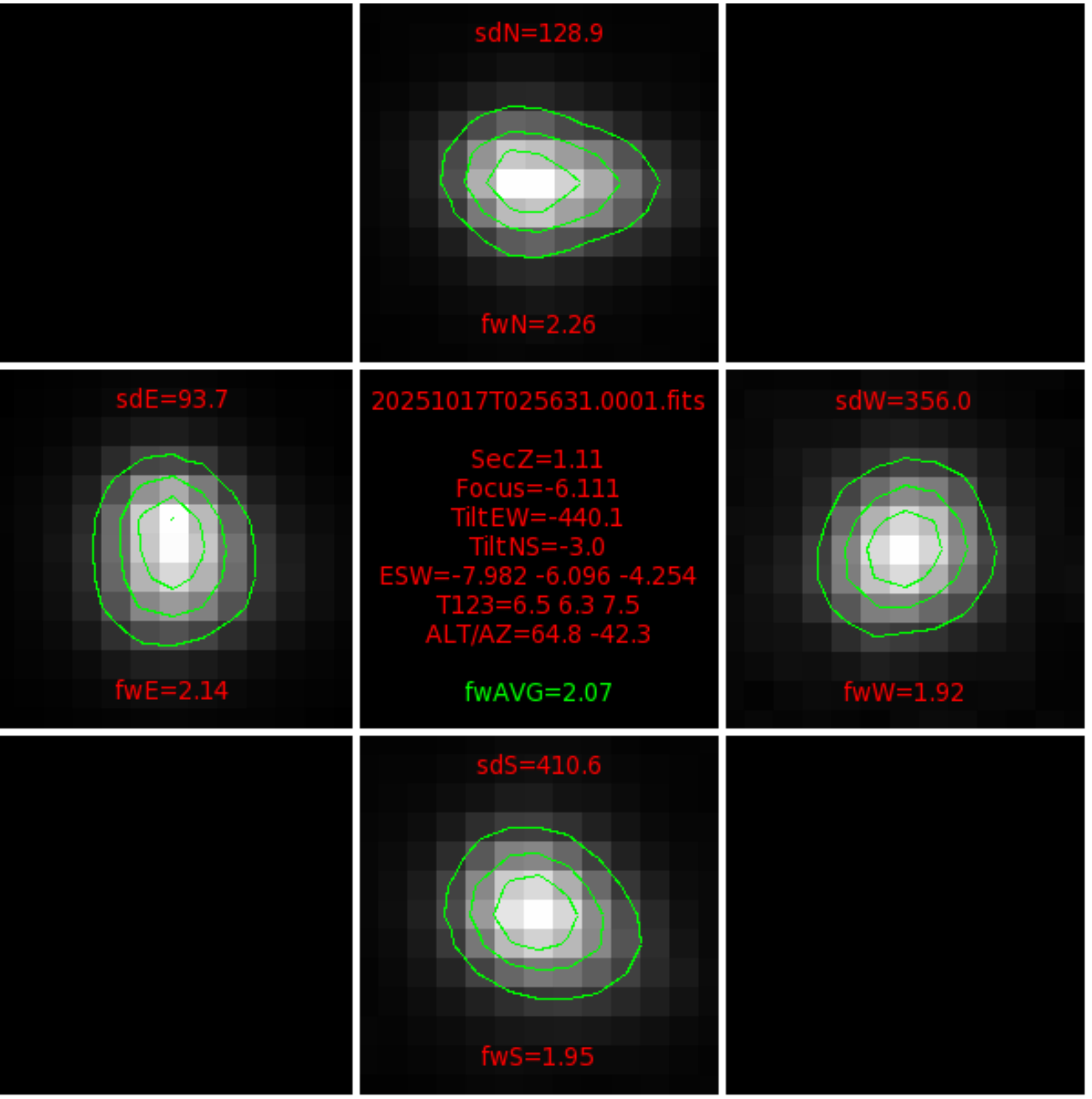
sdN=128.9
fwN=2.26
sdE=93.7
fwE=2.14
20251017T025631.0001.fits
SecZ=1.11
Focus=-6.111
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.982 -6.096 -4.254
T123=6.5 6.3 7.5
ALT/AZ=64.8 -42.3
fwAVG=2.07
sdW=356.0
fwW=1.92
sdS=410.6
fwS=1.95
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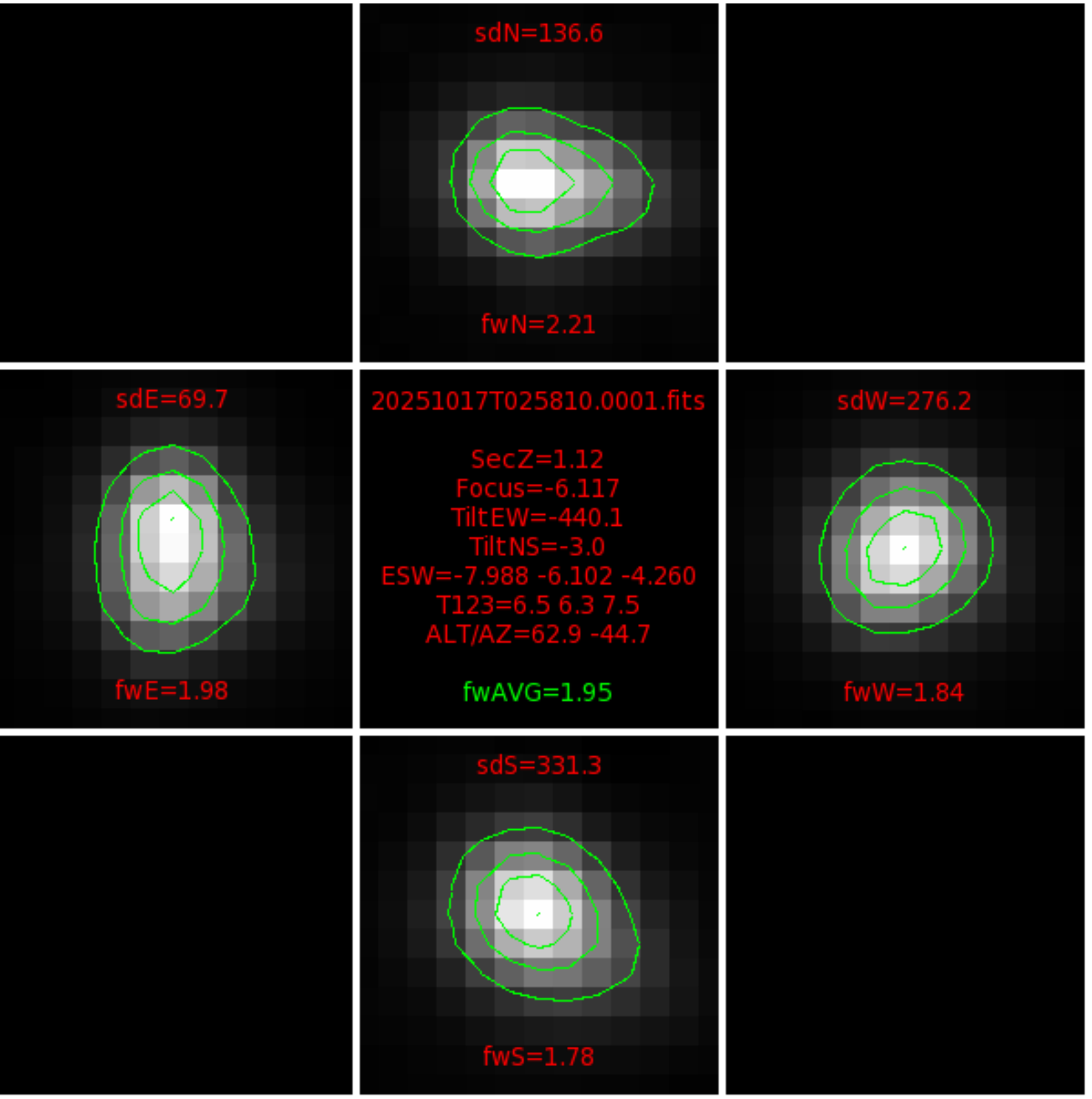
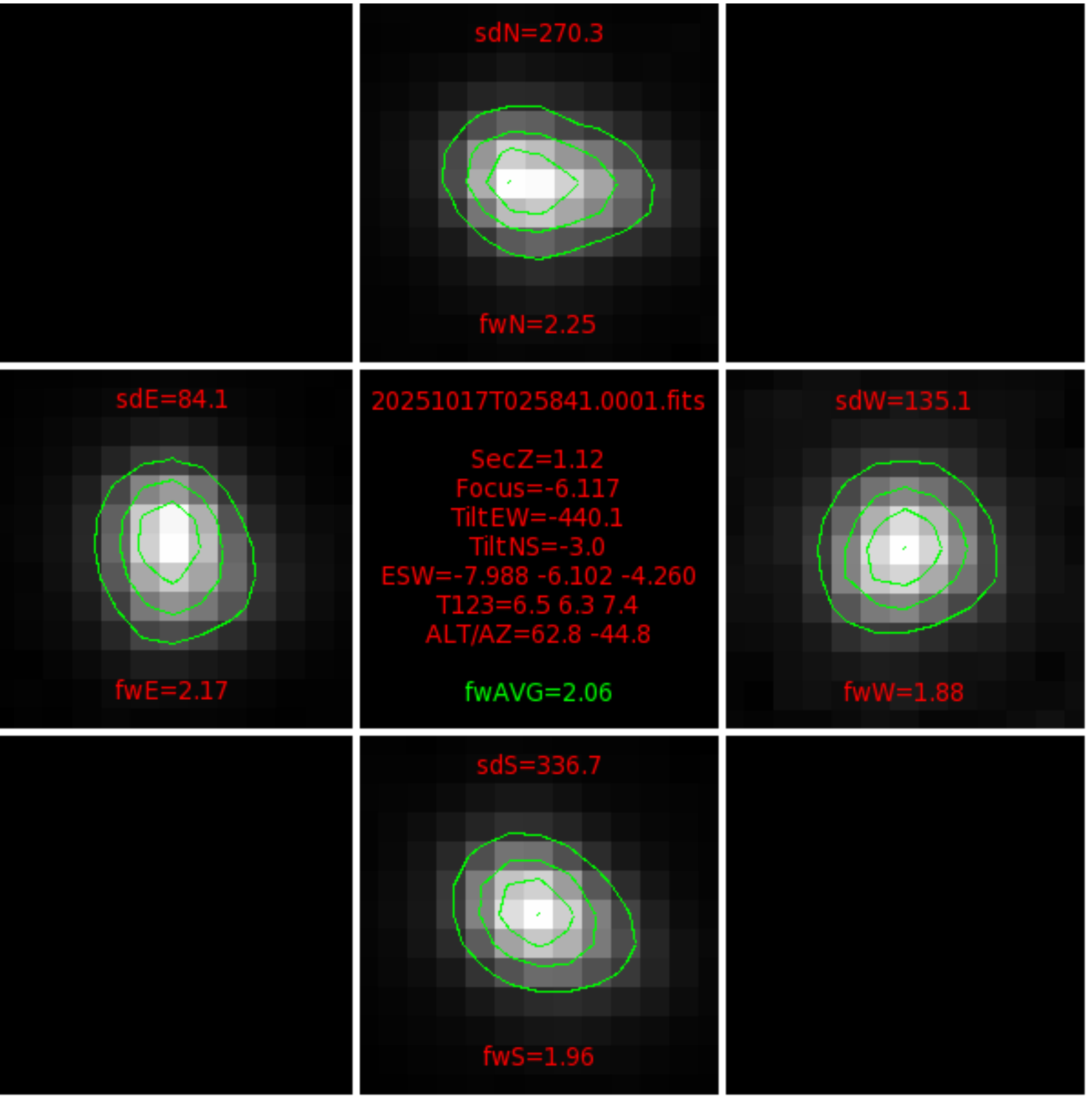
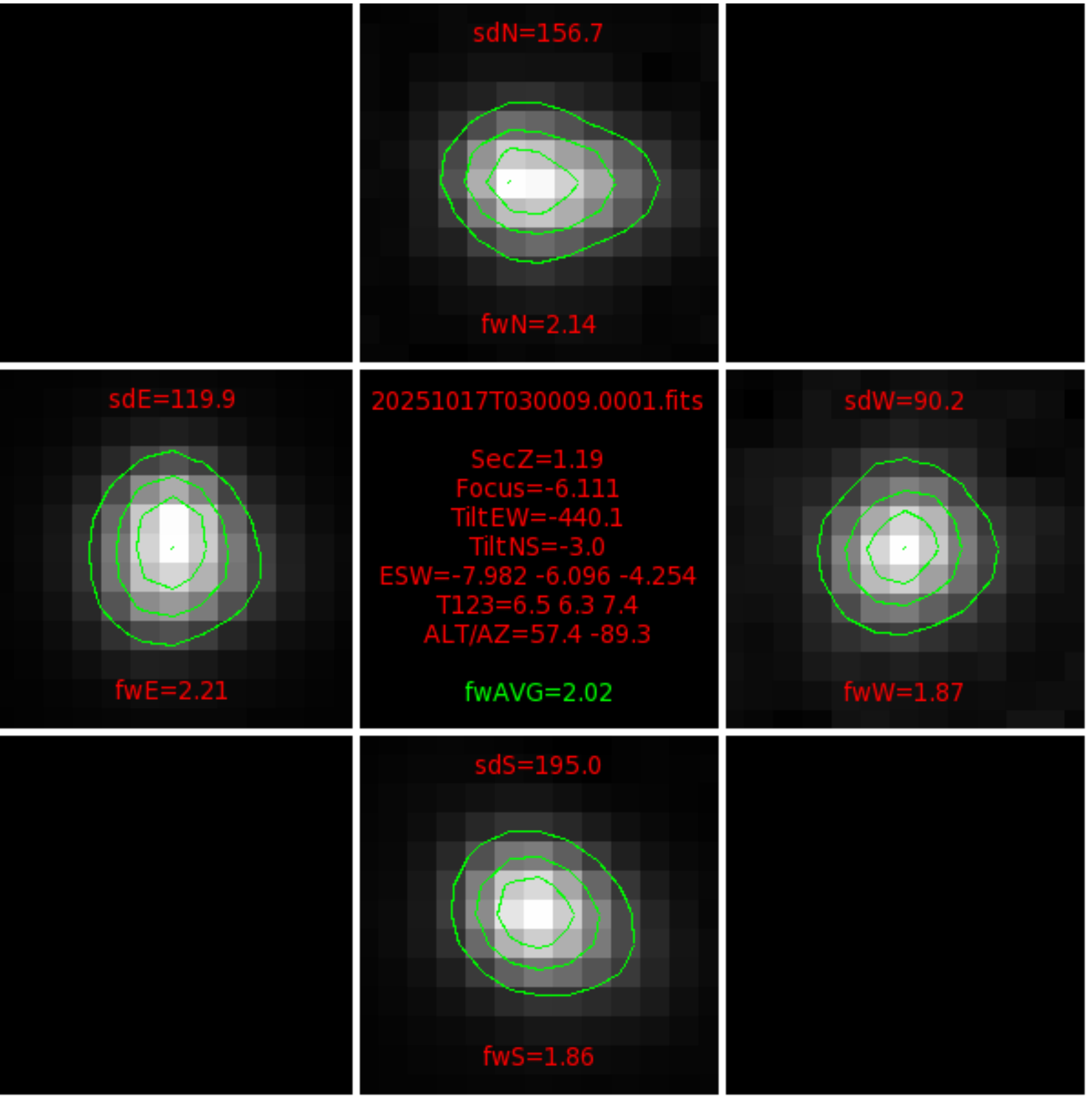
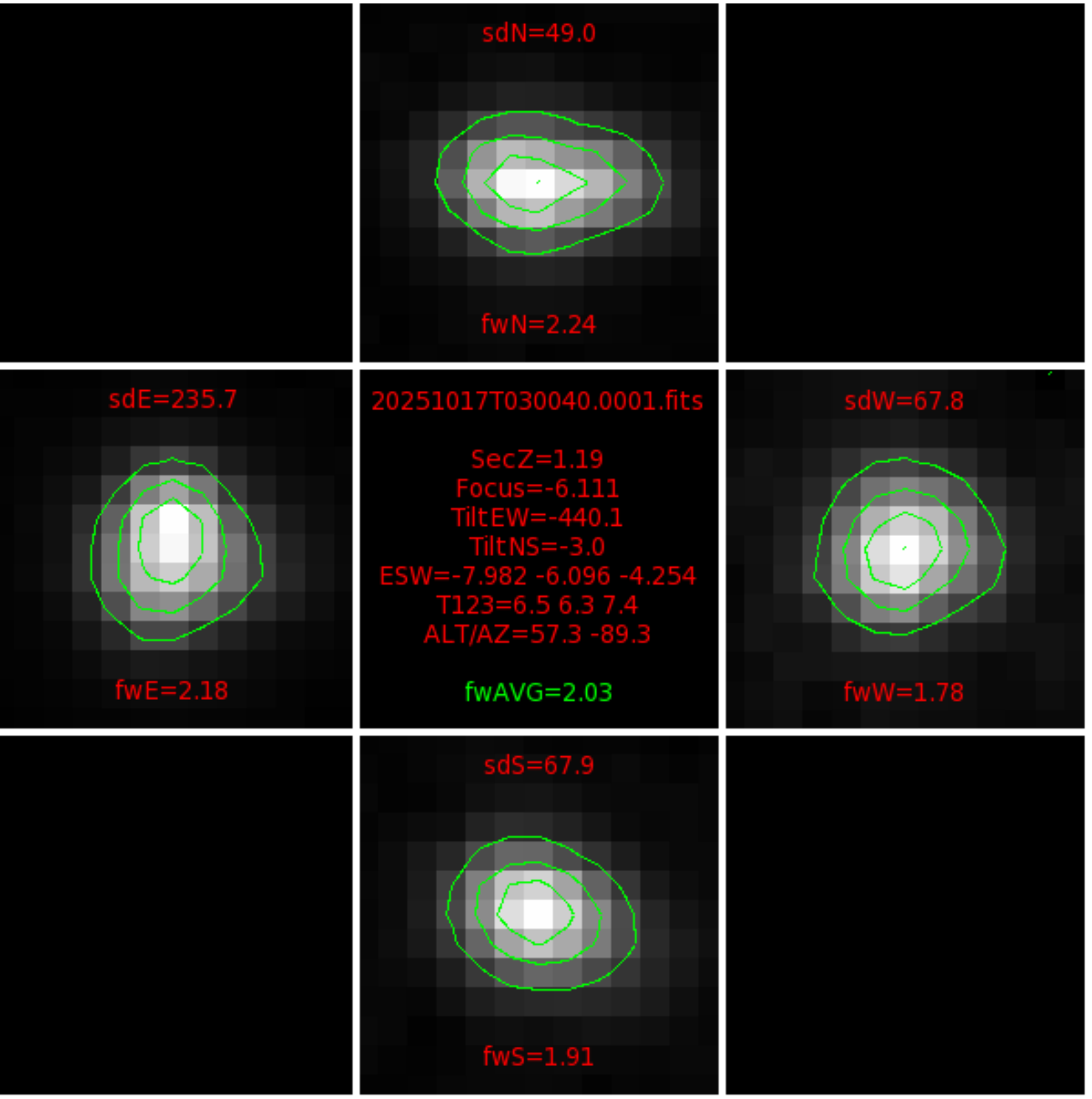

sdN=136.6
fwN=2.21
sdE=69.7
fwE=1.98
20251017T025810.0001.fits
SecZ=1.12
Focus=-6.117
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.988 -6.102 -4.260
T123=6.5 6.3 7.5
ALT/AZ=62.9 -44.7
fwAVG=1.95
sdW=276.2
fwW=1.84
sdS=331.3
fwS=1.78
0 0 0 0 0 0 0 0 0


sdN=270.3
fwN=2.25
sdE=84.1
fwE=2.17
20251017T025841.0001.fits
SecZ=1.12
Focus=-6.117
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.988 -6.102 -4.260
T123=6.5 6.3 7.4
ALT/AZ=62.8 -44.8
fwAVG=2.06
sdW=135.1
fwW=1.88
sdS=336.7
fwS=1.96
0 0 0 0 0 0 0 0 0


sdN=156.7
fwN=2.14
sdE=119.9
fwE=2.21
20251017T030009.0001.fits
SecZ=1.19
Focus=-6.111
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.982 -6.096 -4.254
T123=6.5 6.3 7.4
ALT/AZ=57.4 -89.3
fwAVG=2.02
sdW=90.2
fwW=1.87
sdS=195.0
fwS=1.86
0 0 0 0 0 0 0 0 0


sdN=49.0
fwN=2.24
sdE=235.7
fwE=2.18
20251017T030040.0001.fits
SecZ=1.19
Focus=-6.111
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.982 -6.096 -4.254
T123=6.5 6.3 7.4
ALT/AZ=57.3 -89.3
fwAVG=2.03
sdW=67.8
fwW=1.78
sdS=67.9
fwS=1.91
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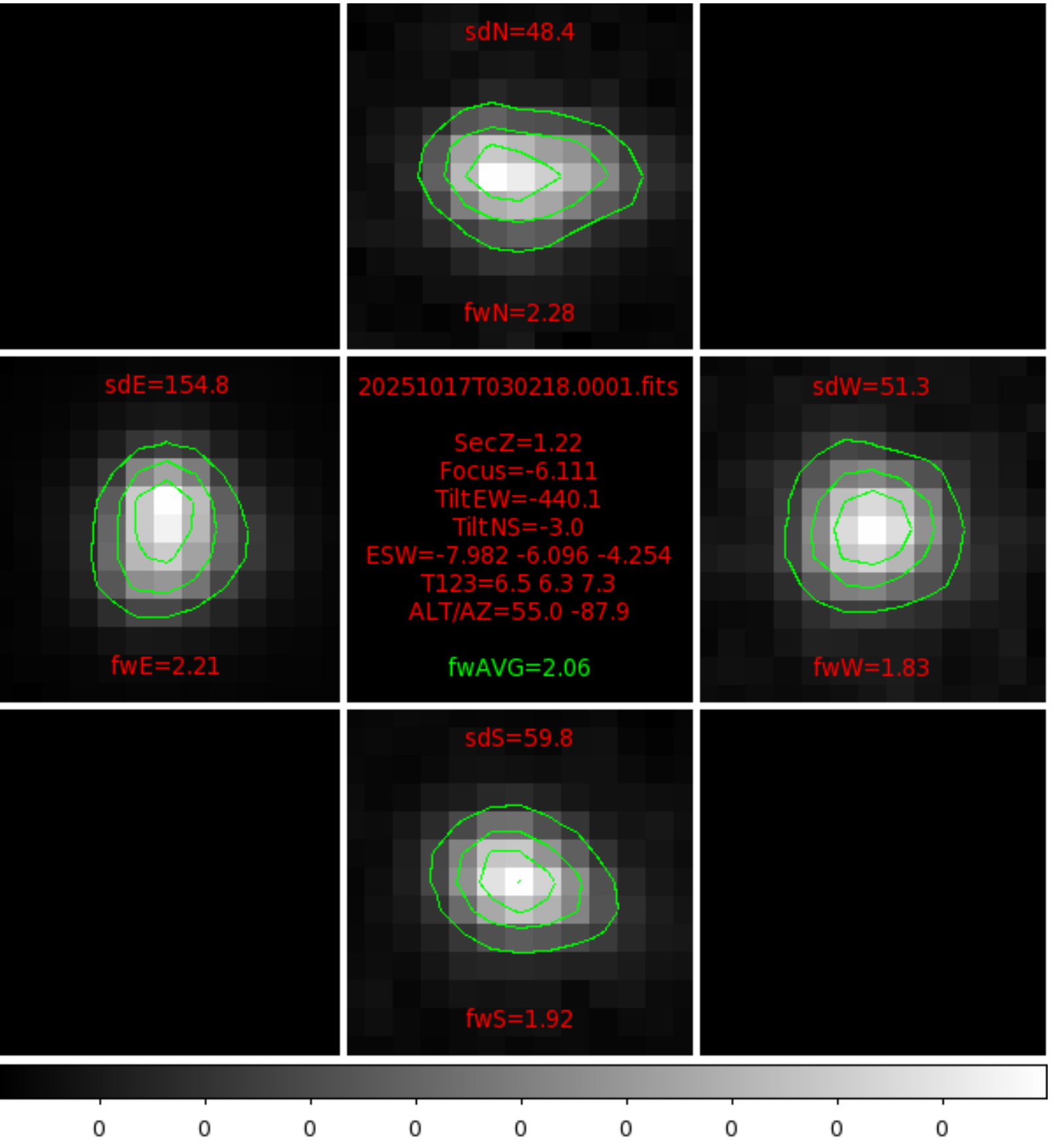
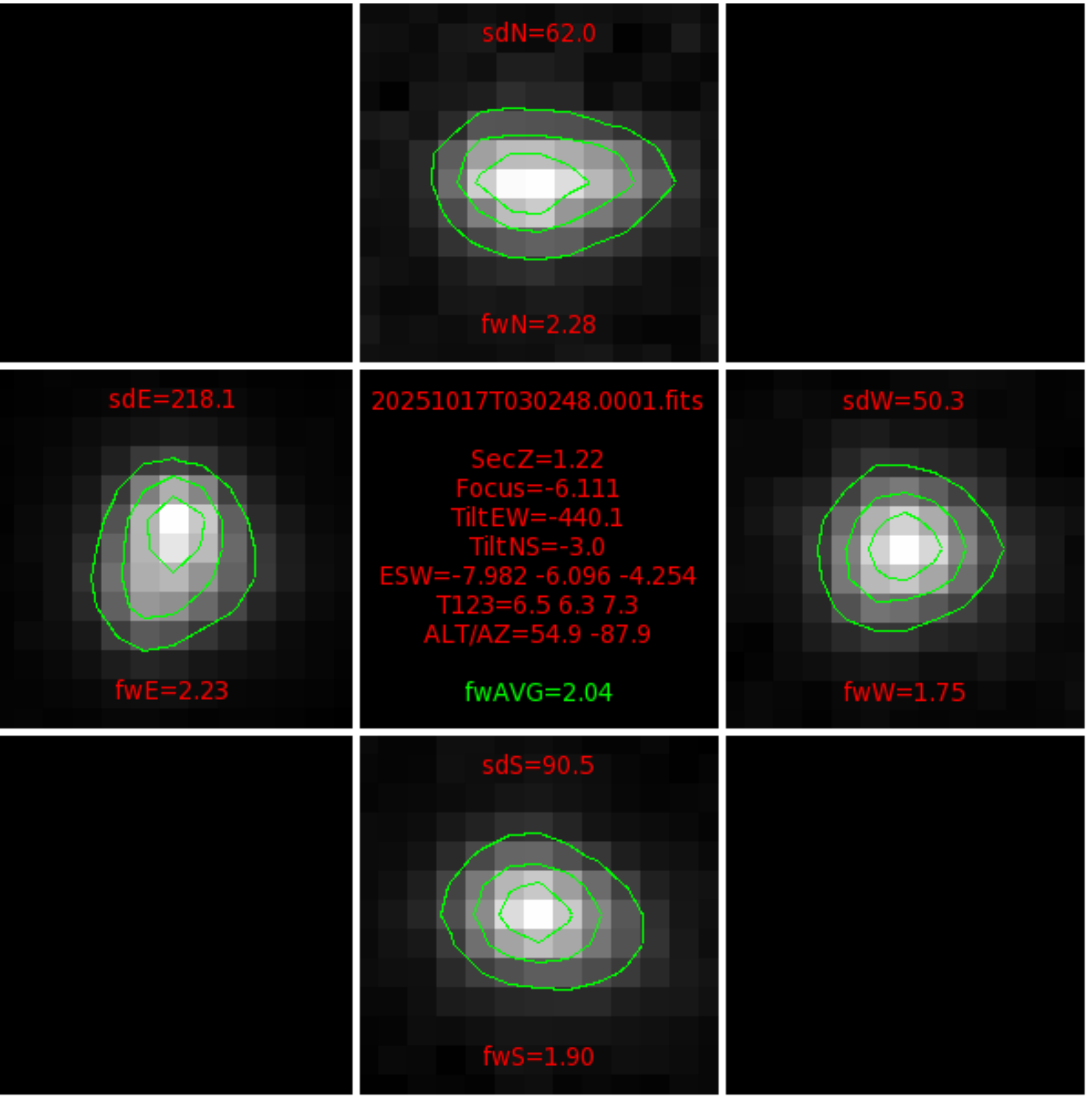

sdN=48.4
fwN=2.28
sdE=154.8
fwE=2.21
20251017T030218.0001.fits
SecZ=1.22
Focus=-6.111
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.982 -6.096 -4.254
T123=6.5 6.3 7.3
ALT/AZ=55.0 -87.9
fwAVG=2.06
sdW=51.3
fwW=1.83
sdS=59.8
fwS=1.92
0 0 0 0 0 0 0 0 0


sdN=62.0
fwN=2.28
sdE=218.1
fwE=2.23
20251017T030248.0001.fits
SecZ=1.22
Focus=-6.111
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.982 -6.096 -4.254
T123=6.5 6.3 7.3
ALT/AZ=54.9 -87.9
fwAVG=2.04
sdW=50.3
fwW=1.75
sdS=90.5
fwS=1.90
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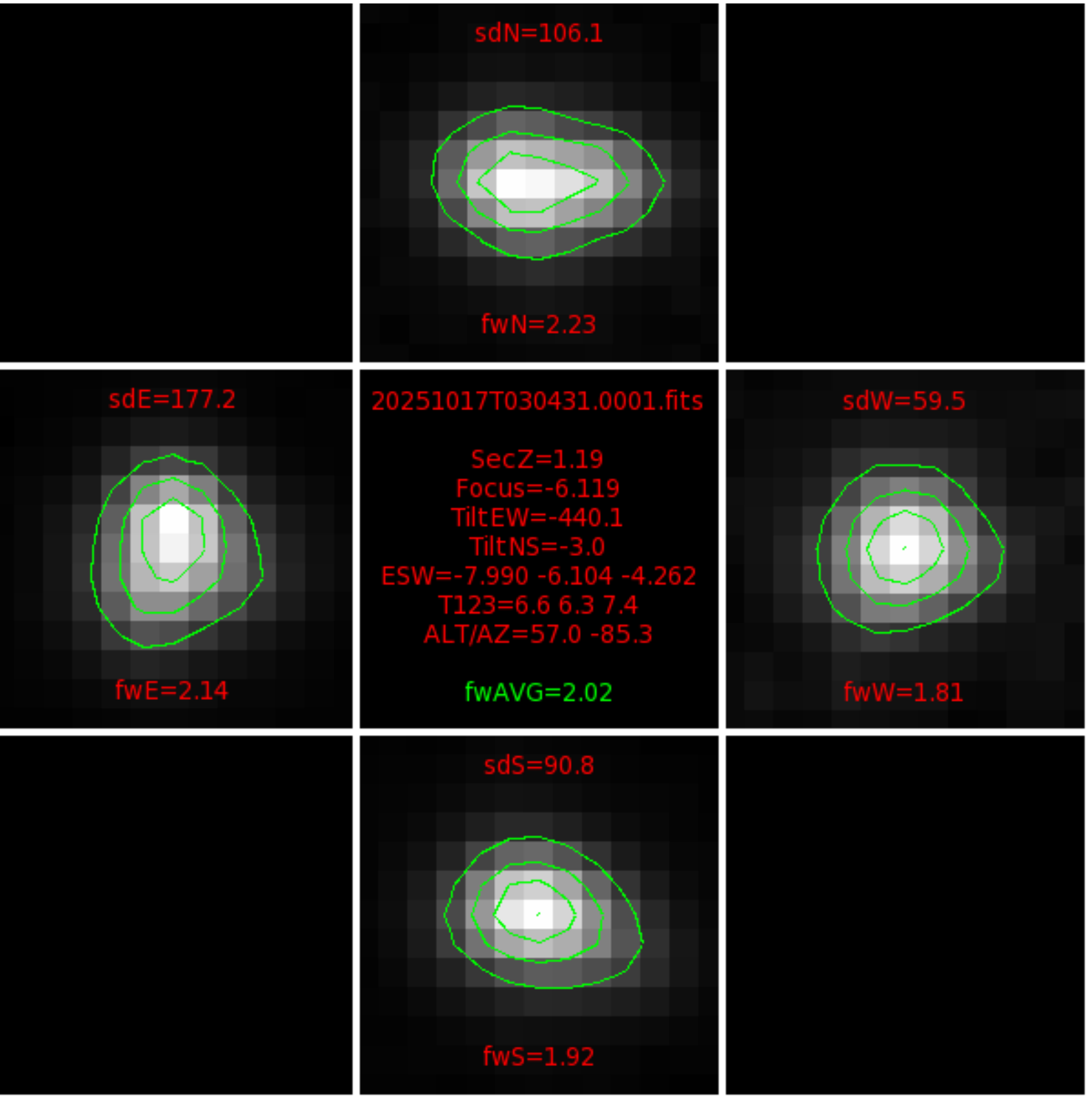
sdN=106.1
fwN=2.23
sdE=177.2
fwE=2.14
20251017T030431.0001.fits
SecZ=1.19
Focus=-6.119
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.990 -6.104 -4.262
T123=6.6 6.3 7.4
ALT/AZ=57.0 -85.3
fwAVG=2.02
sdW=59.5
fwW=1.81
sdS=90.8
fwS=1.92
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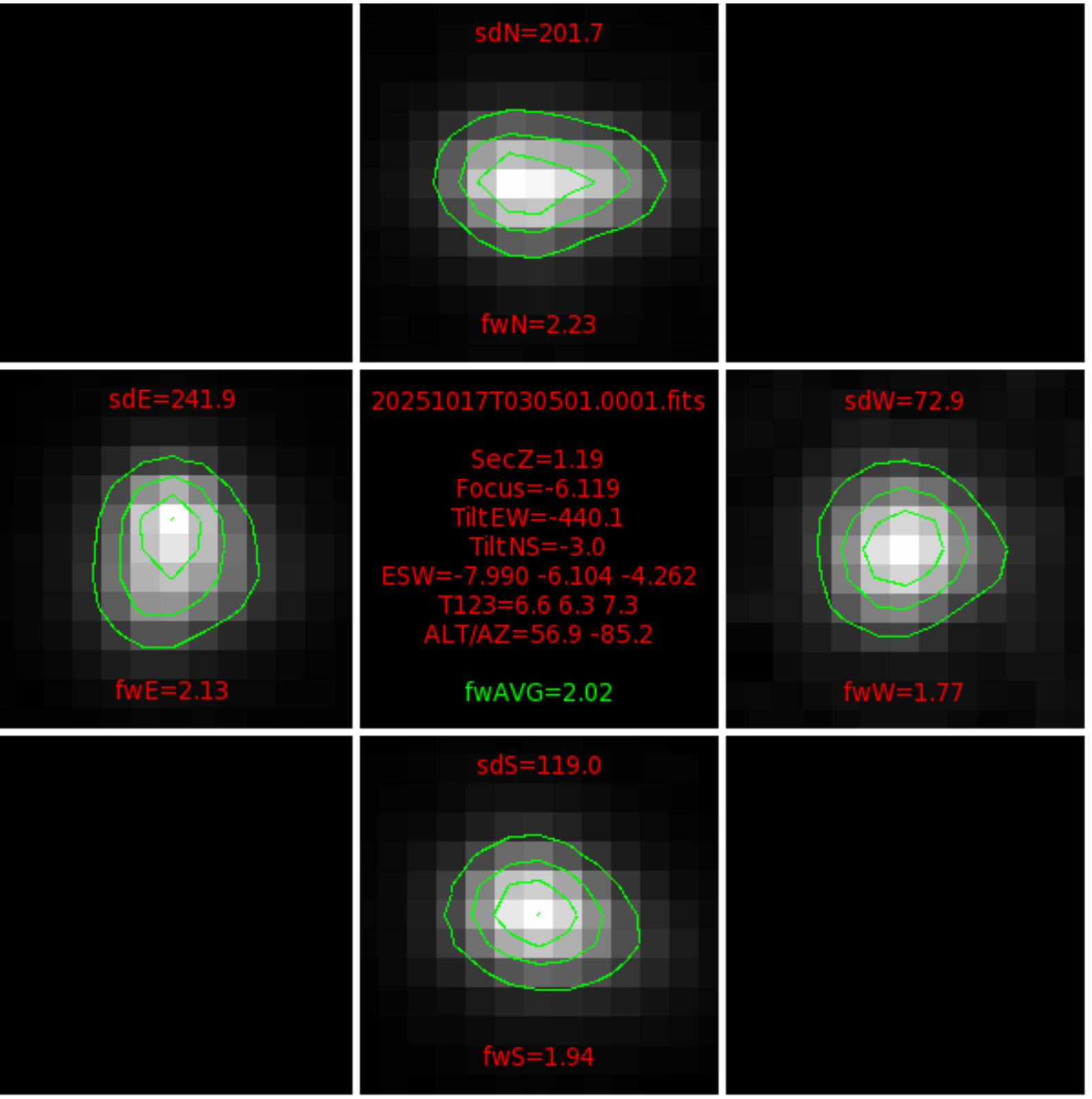
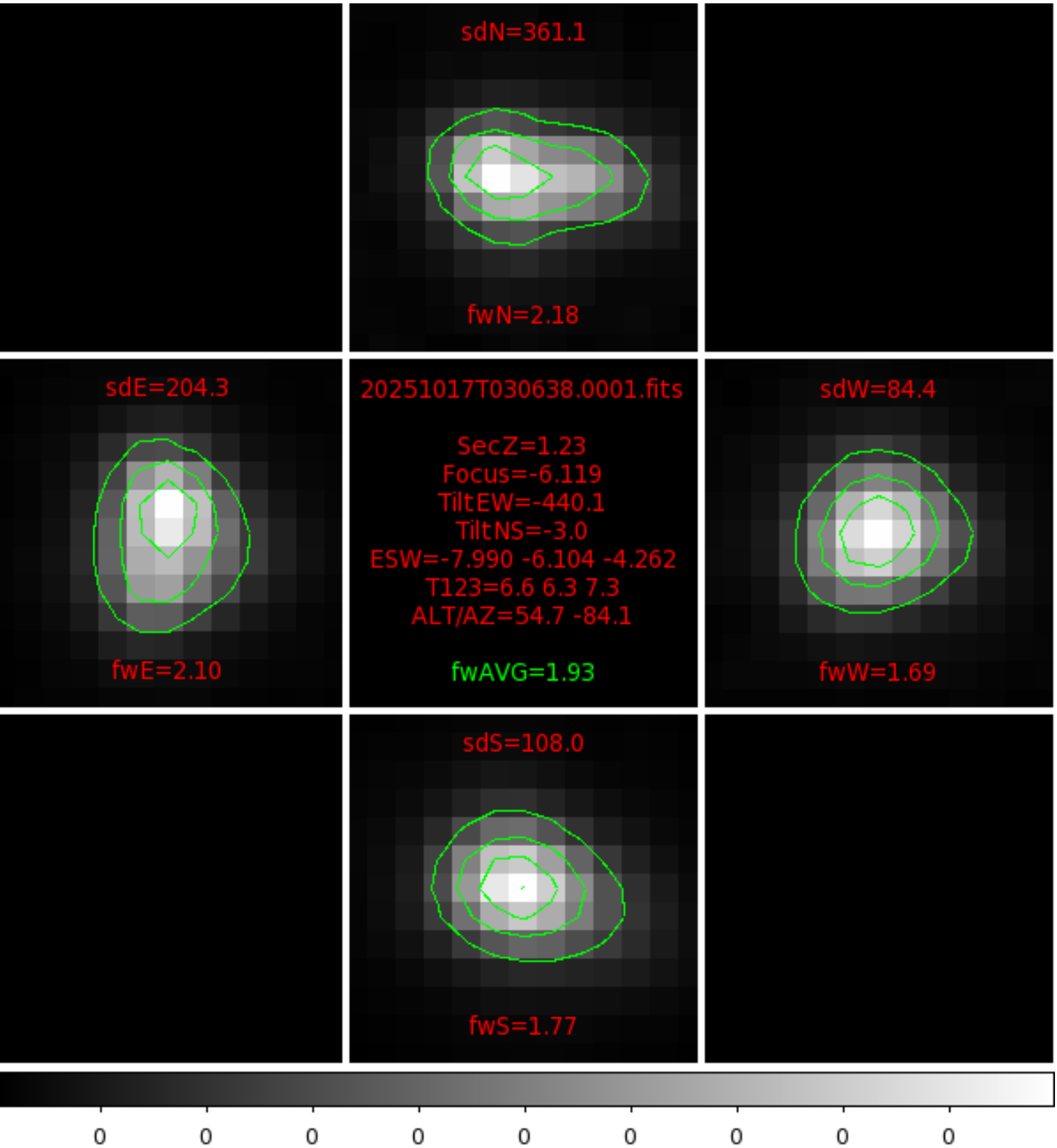

sdN=201.7
fwN=2.23
sdE=241.9
fwE=2.13
20251017T030501.0001.fits
SecZ=1.19
Focus=-6.119
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.990 -6.104 -4.262
T123=6.6 6.3 7.3
ALT/AZ=56.9 -85.2
fwAVG=2.02
sdW=72.9
fwW=1.77
sdS=119.0
fwS=1.94
0 0 0 0 0 0 0 0 0


sdN=361.1
fwN=2.18
sdE=204.3
fwE=2.10
20251017T030638.0001.fits
SecZ=1.23
Focus=-6.119
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.990 -6.104 -4.262
T123=6.6 6.3 7.3
ALT/AZ=54.7 -84.1
fwAVG=1.93
sdW=84.4
fwW=1.69
sdS=108.0
fwS=1.77
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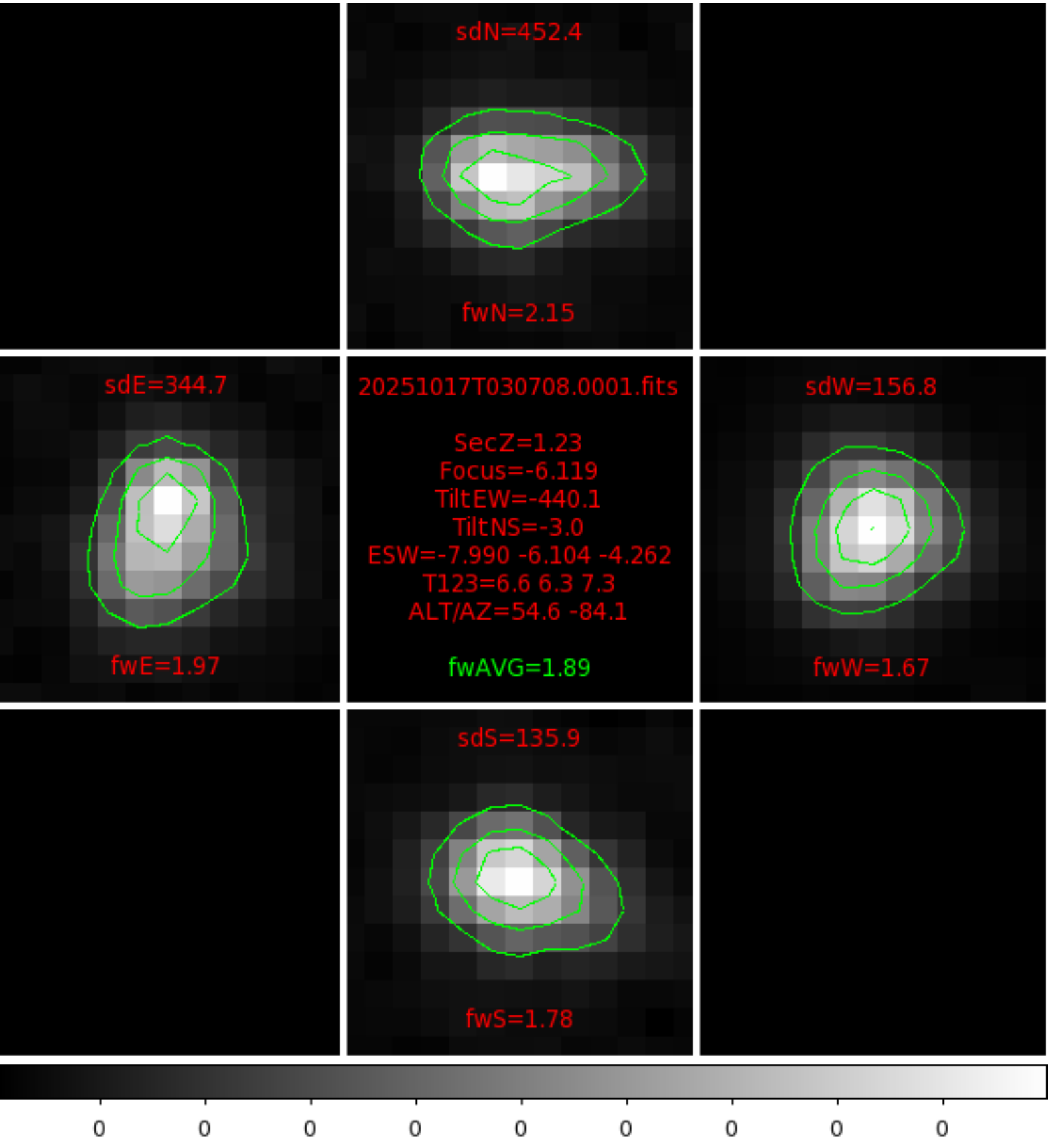
sdN=452.4
fwN=2.15
sdE=344.7
fwE=1.97
20251017T030708.0001.fits
SecZ=1.23
Focus=-6.119
TiltEW=-440.1
TiltNS=-3.0
ESW=-7.990 -6.104 -4.262
T123=6.6 6.3 7.3
ALT/AZ=54.6 -84.1
fwAVG=1.89
sdW=156.8
fwW=1.67
sdS=135.9
fwS=1.78
0 0 0 0 0 0 0 0 0