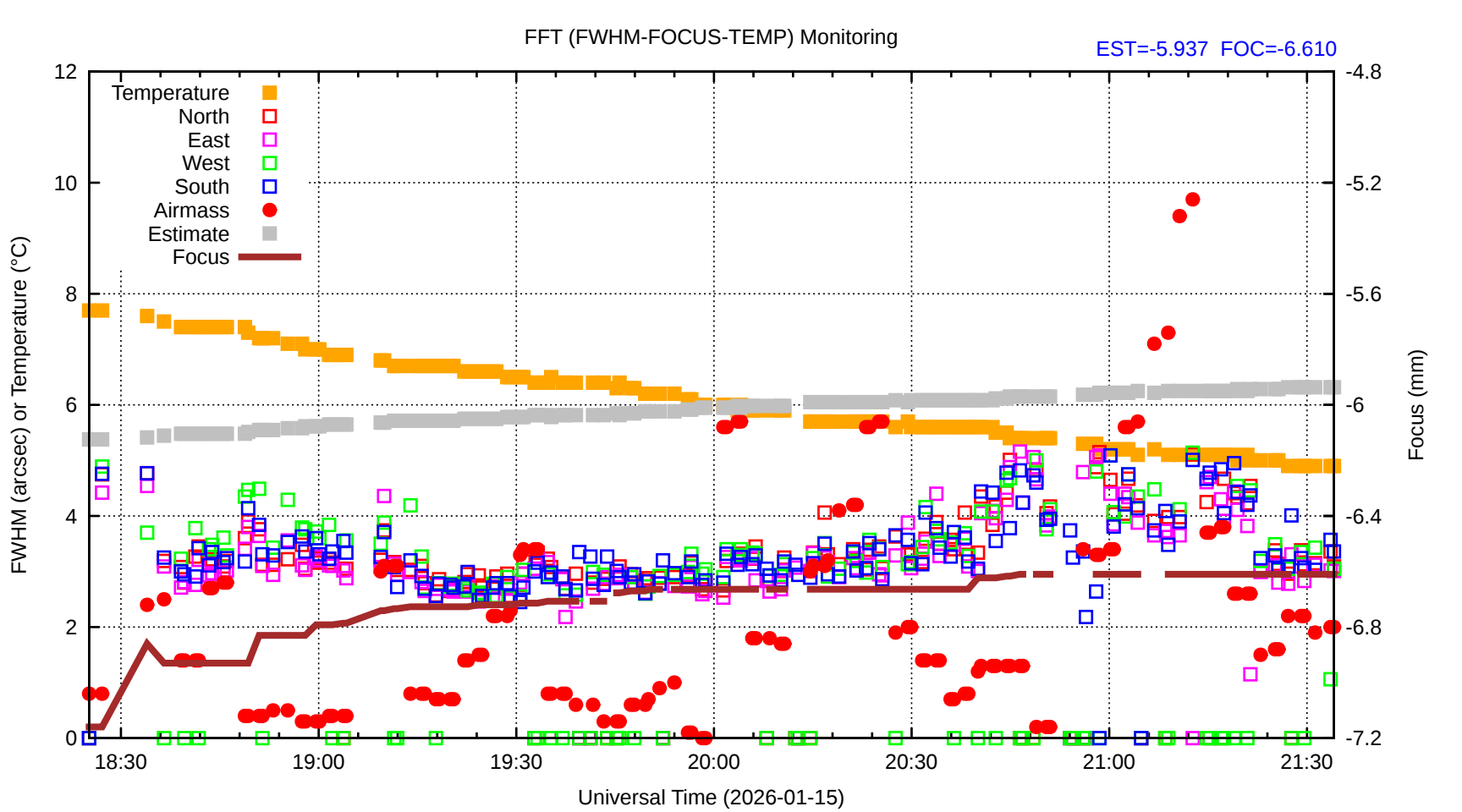
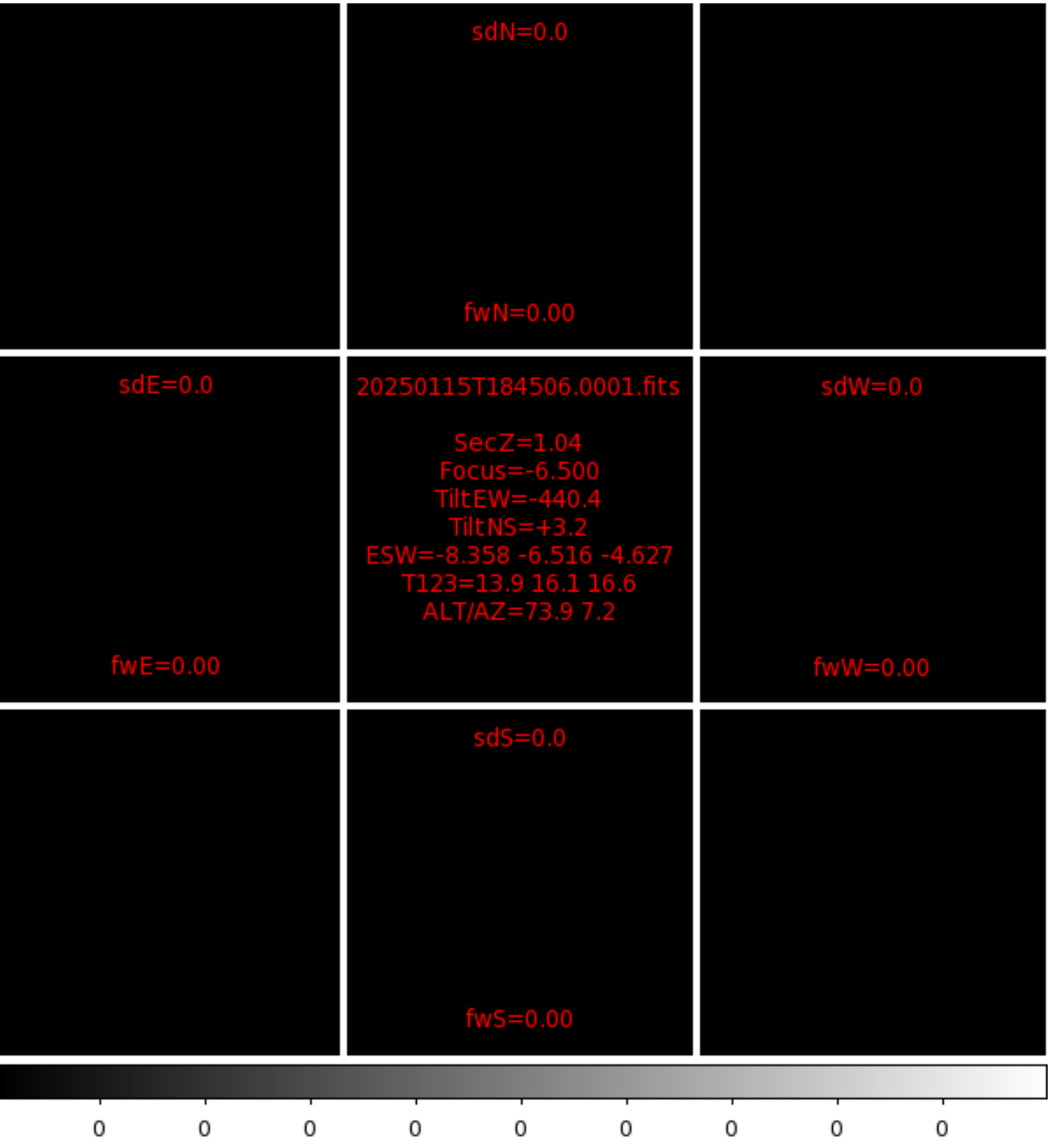
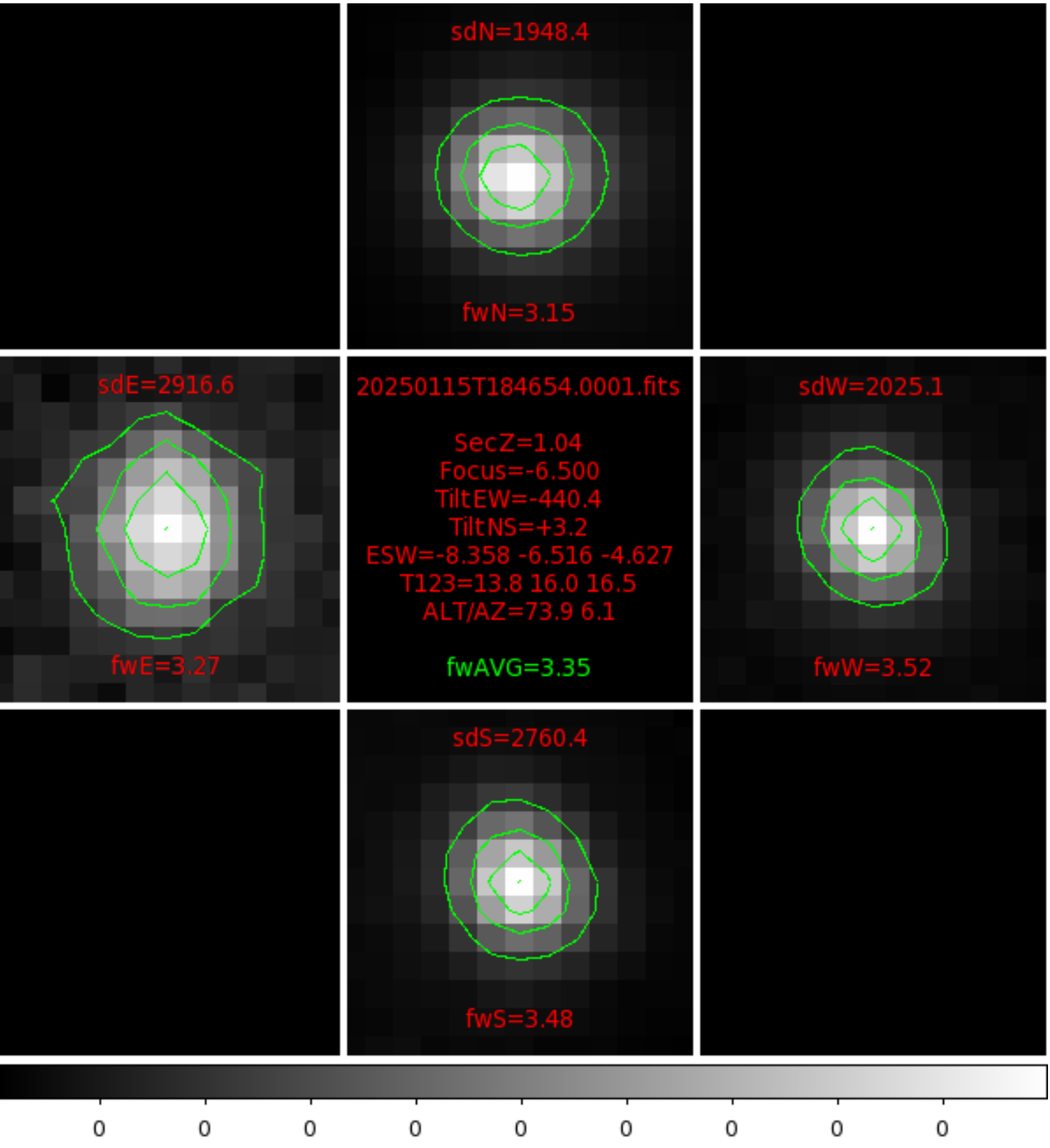

FFT (FWHM-FOCUS-TEMP) Monitoring
EST=-5.937 FOC=-6.610
Temperature
North
East
West
South
Airmass
Estimate
Focus
FWHM (arcsec) or Temperature (°C)
Focus (mm)
Universal Time (2026-01-15)
0
2
4
6
8
10
12
-7.2
-6.8
-6.4
-6
-5.6
-5.2
-4.8
18:30
19:00
19:30
20:00
20:30
21:00
21:30


sdN=0.0
fwN=0.00
sdE=0.0
20250115T184506.0001.fits
SecZ=1.04
Focus=-6.500
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.358 -6.516 -4.627
T123=13.9 16.1 16.6
ALT/AZ=73.9 7.2
sdW=0.0
fwE=0.00
fwW=0.00
sdS=0.0
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=1948.4
fwN=3.15
sdE=2916.6
fwE=3.27
20250115T184654.0001.fits
SecZ=1.04
Focus=-6.500
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.358 -6.516 -4.627
T123=13.8 16.0 16.5
ALT/AZ=73.9 6.1
fwAVG=3.35
sdW=2025.1
fwW=3.52
sdS=2760.4
fwS=3.48
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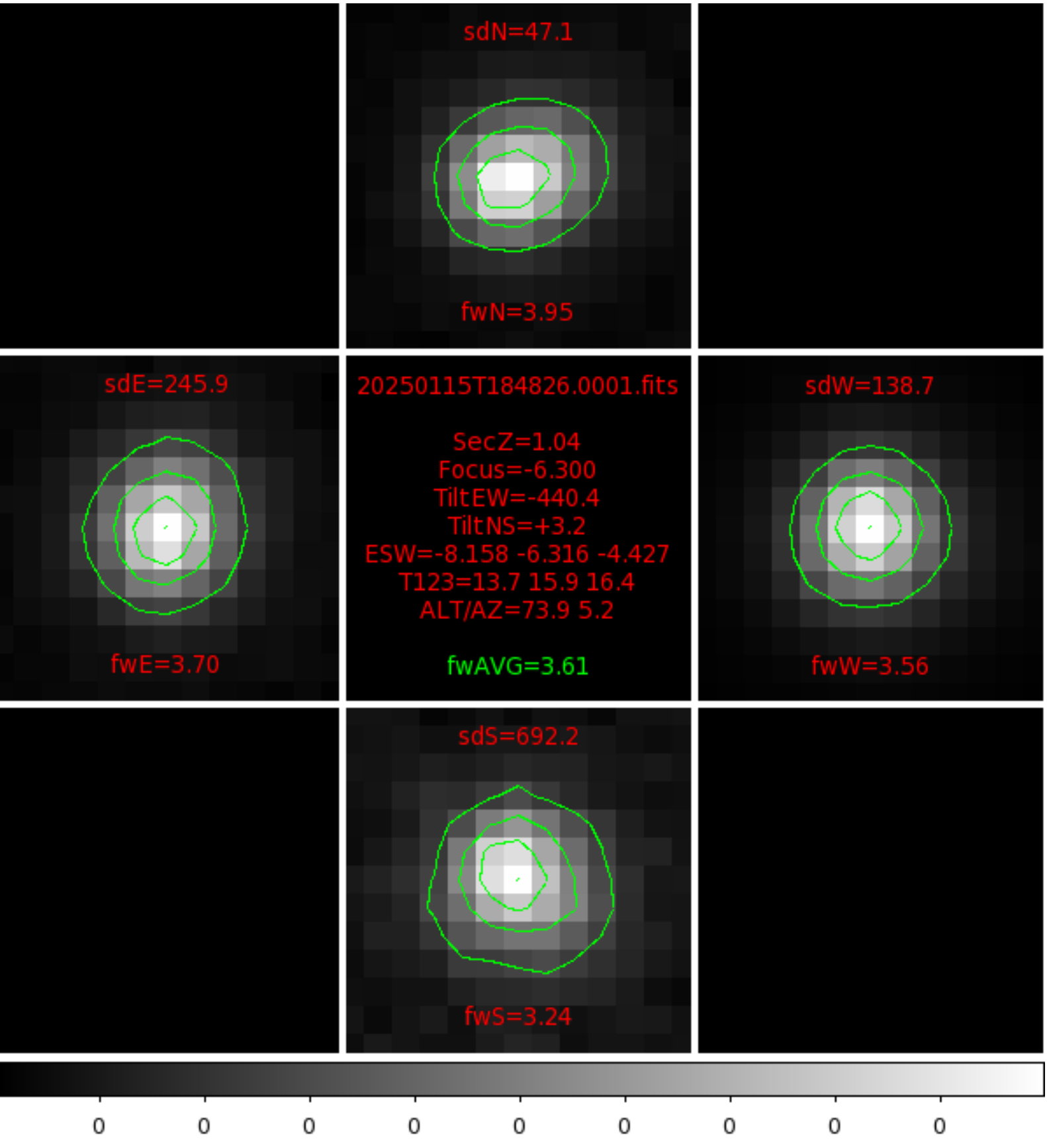
sdN=47.1
fwN=3.95
sdE=245.9
fwE=3.70
20250115T184826.0001.fits
SecZ=1.04
Focus=-6.300
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.158 -6.316 -4.427
T123=13.7 15.9 16.4
ALT/AZ=73.9 5.2
fwAVG=3.61
sdW=138.7
fwW=3.56
sdS=692.2
fwS=3.24
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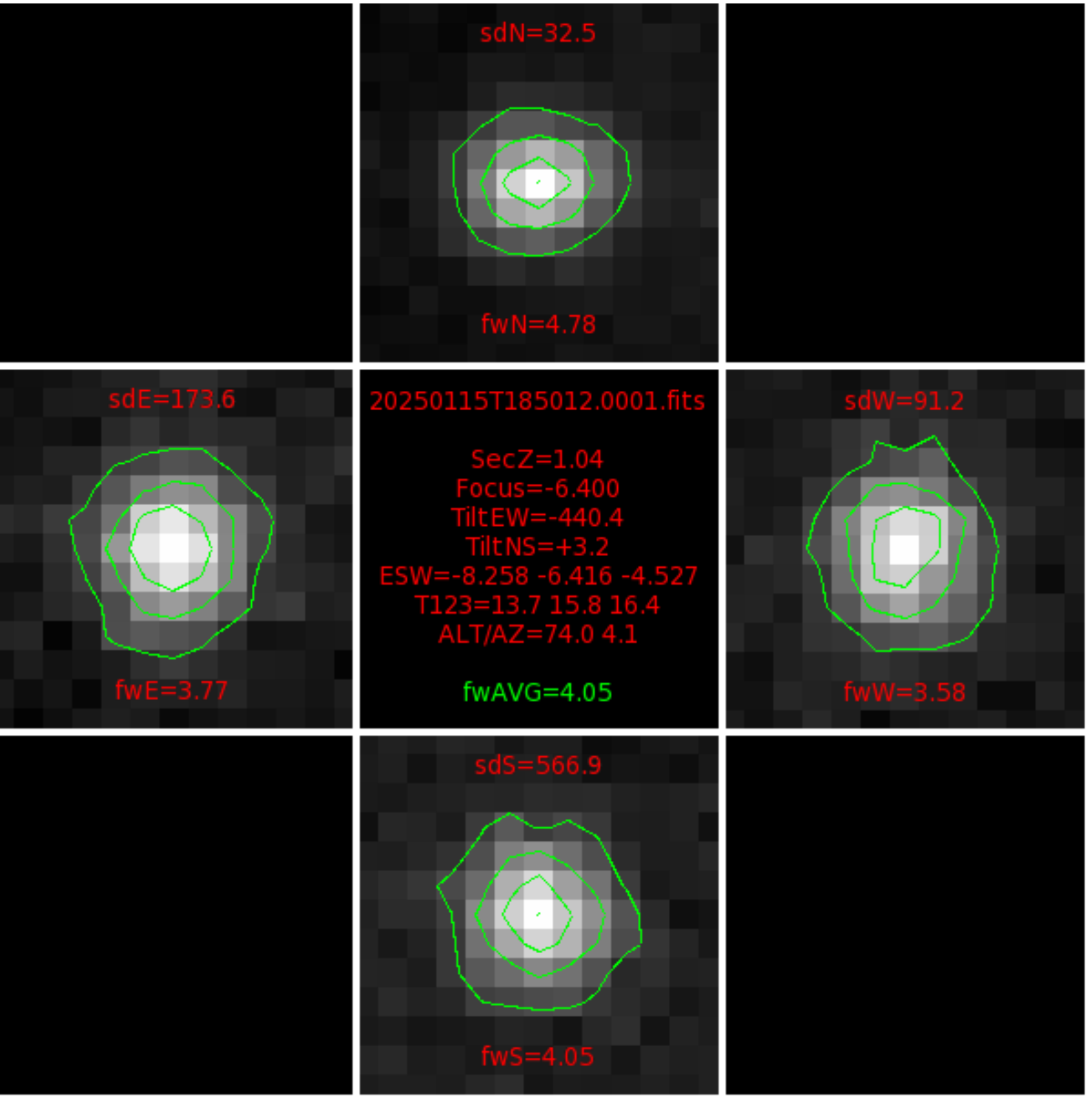
sdN=32.5
fwN=4.78
sdE=173.6
fwE=3.77
20250115T185012.0001.fits
SecZ=1.04
Focus=-6.400
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.258 -6.416 -4.527
T123=13.7 15.8 16.4
ALT/AZ=74.0 4.1
fwAVG=4.05
sdW=91.2
fwW=3.58
sdS=566.9
fwS=4.05
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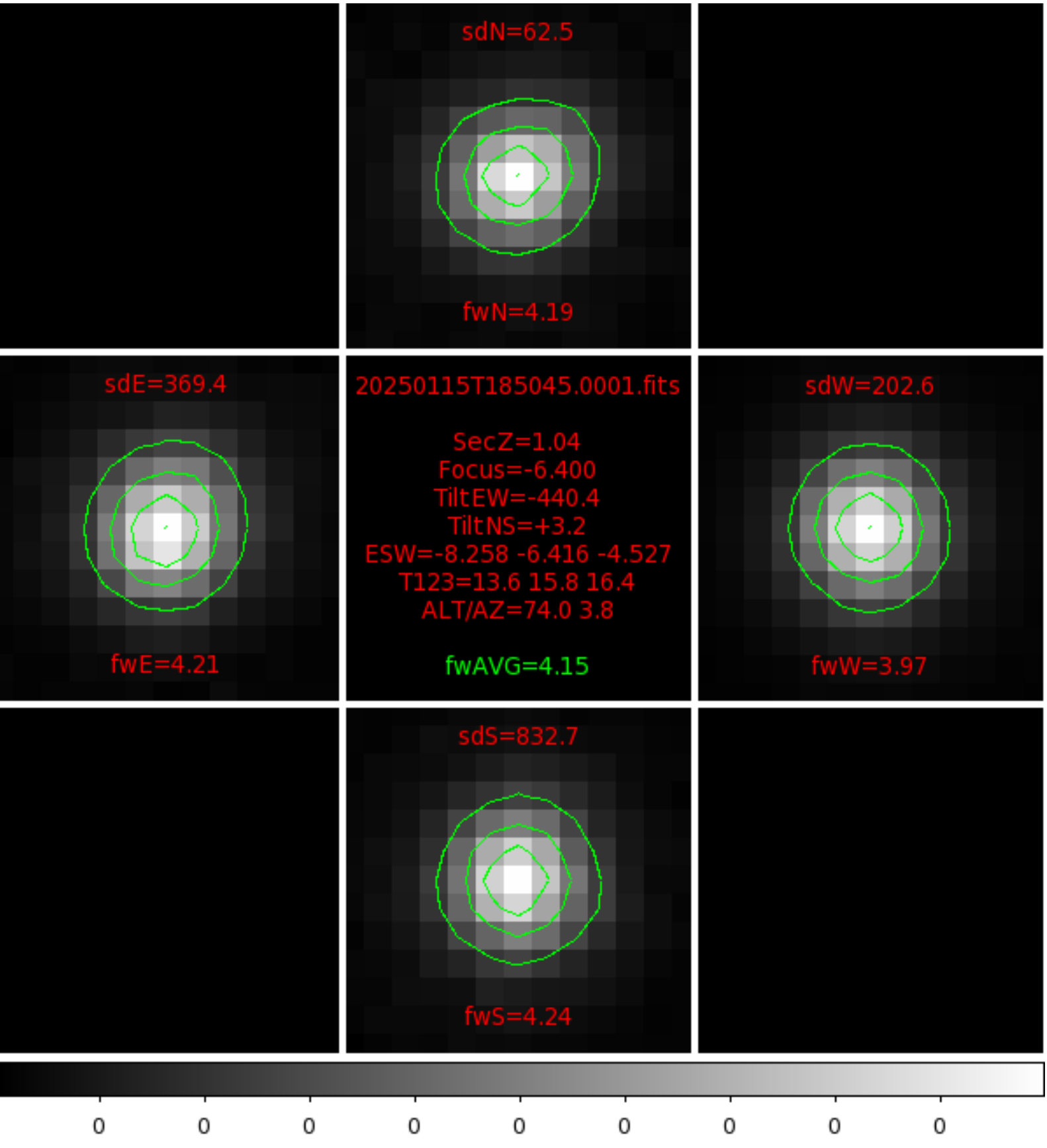
sdN=62.5
fwN=4.19
sdE=369.4
fwE=4.21
20250115T185045.0001.fits
SecZ=1.04
Focus=-6.400
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.258 -6.416 -4.527
T123=13.6 15.8 16.4
ALT/AZ=74.0 3.8
fwAVG=4.15
sdW=202.6
fwW=3.97
sdS=832.7
fwS=4.24
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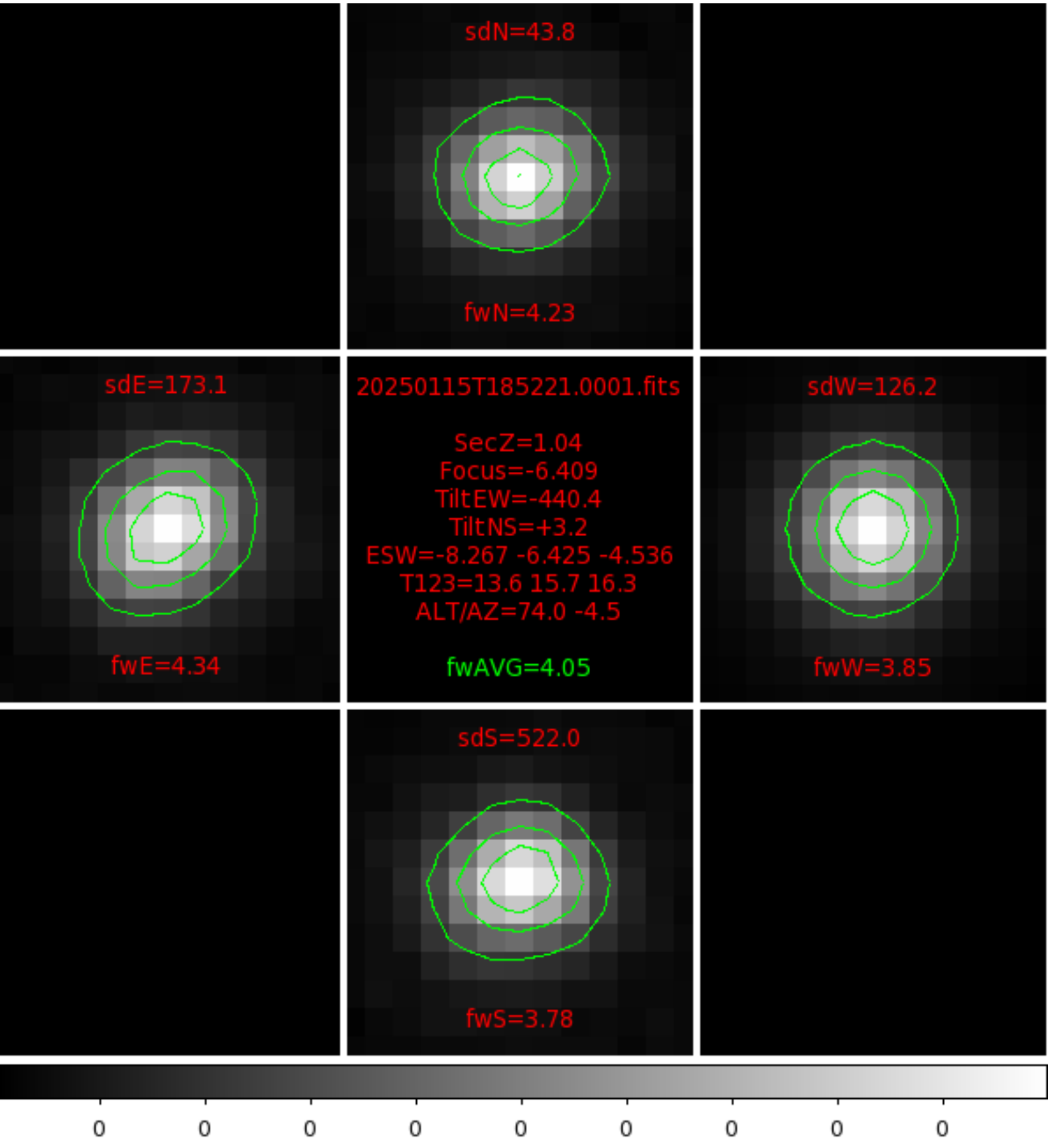
sdN=43.8
fwN=4.23
sdE=173.1
fwE=4.34
20250115T185221.0001.fits
SecZ=1.04
Focus=-6.409
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.267 -6.425 -4.536
T123=13.6 15.7 16.3
ALT/AZ=74.0 -4.5
fwAVG=4.05
sdW=126.2
fwW=3.85
sdS=522.0
fwS=3.78
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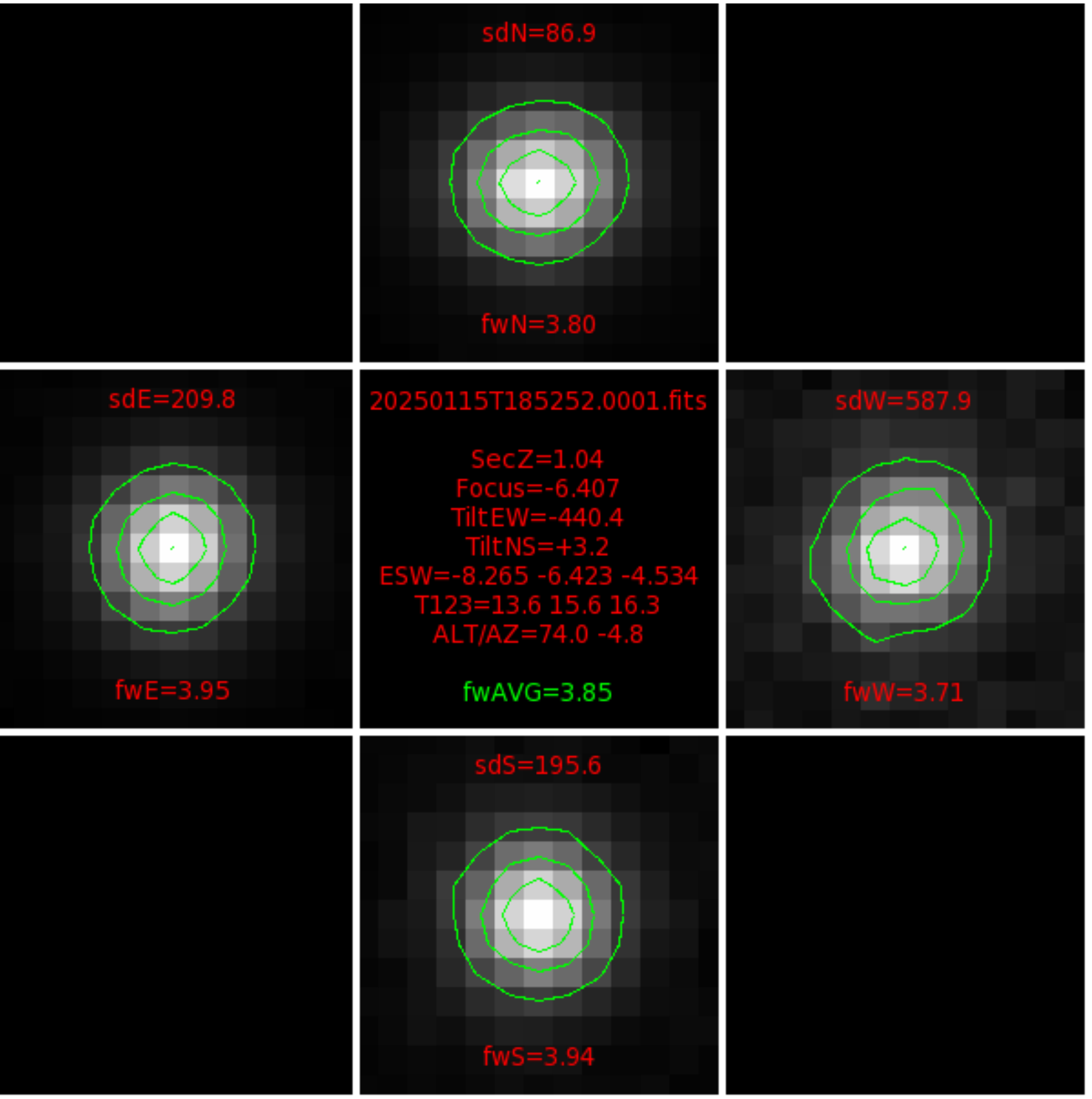
sdN=86.9
fwN=3.80
sdE=209.8
fwE=3.95
20250115T185252.0001.fits
SecZ=1.04
Focus=-6.407
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.265 -6.423 -4.534
T123=13.6 15.6 16.3
ALT/AZ=74.0 -4.8
fwAVG=3.85
sdW=587.9
fwW=3.71
sdS=195.6
fwS=3.94
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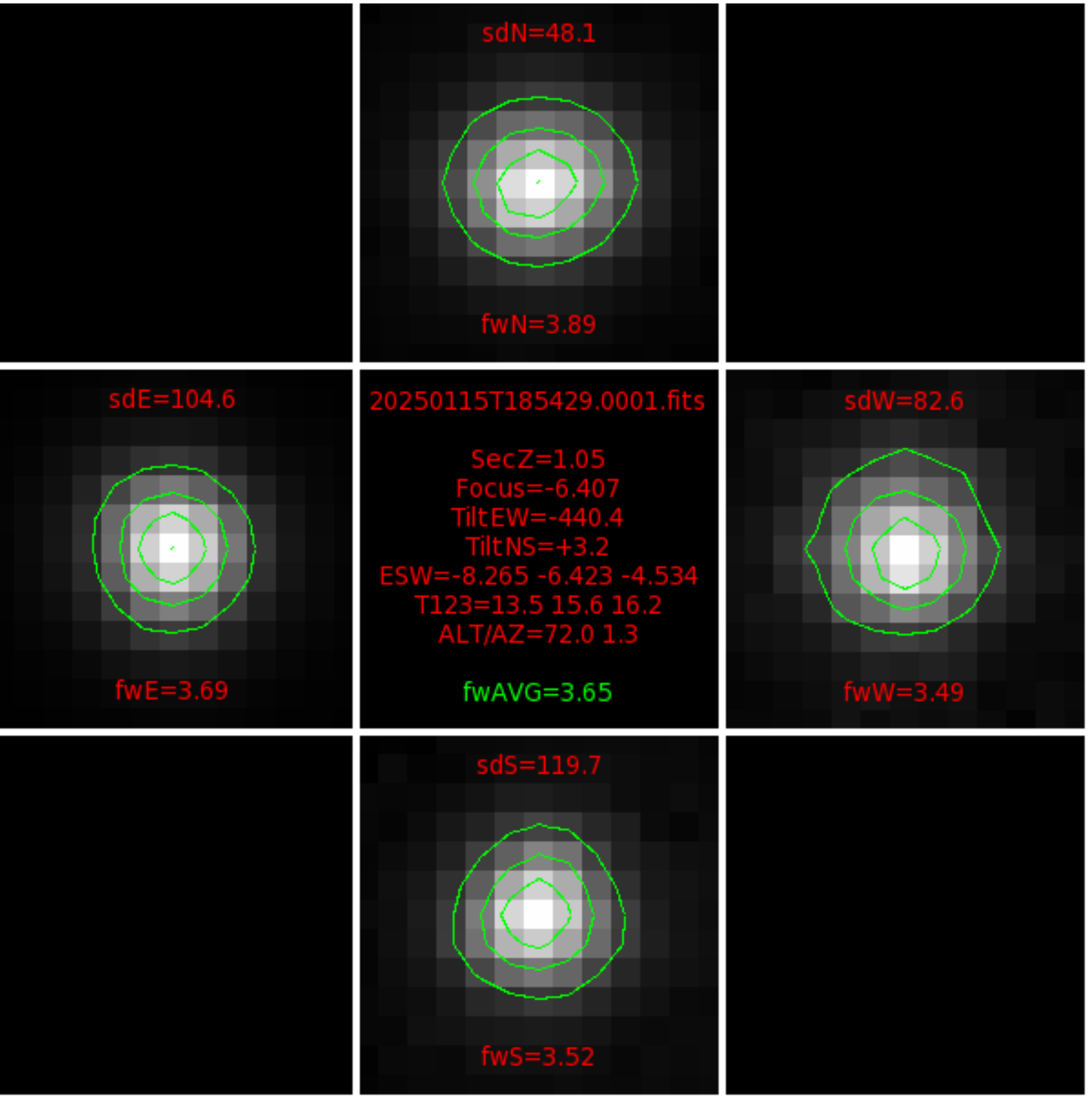
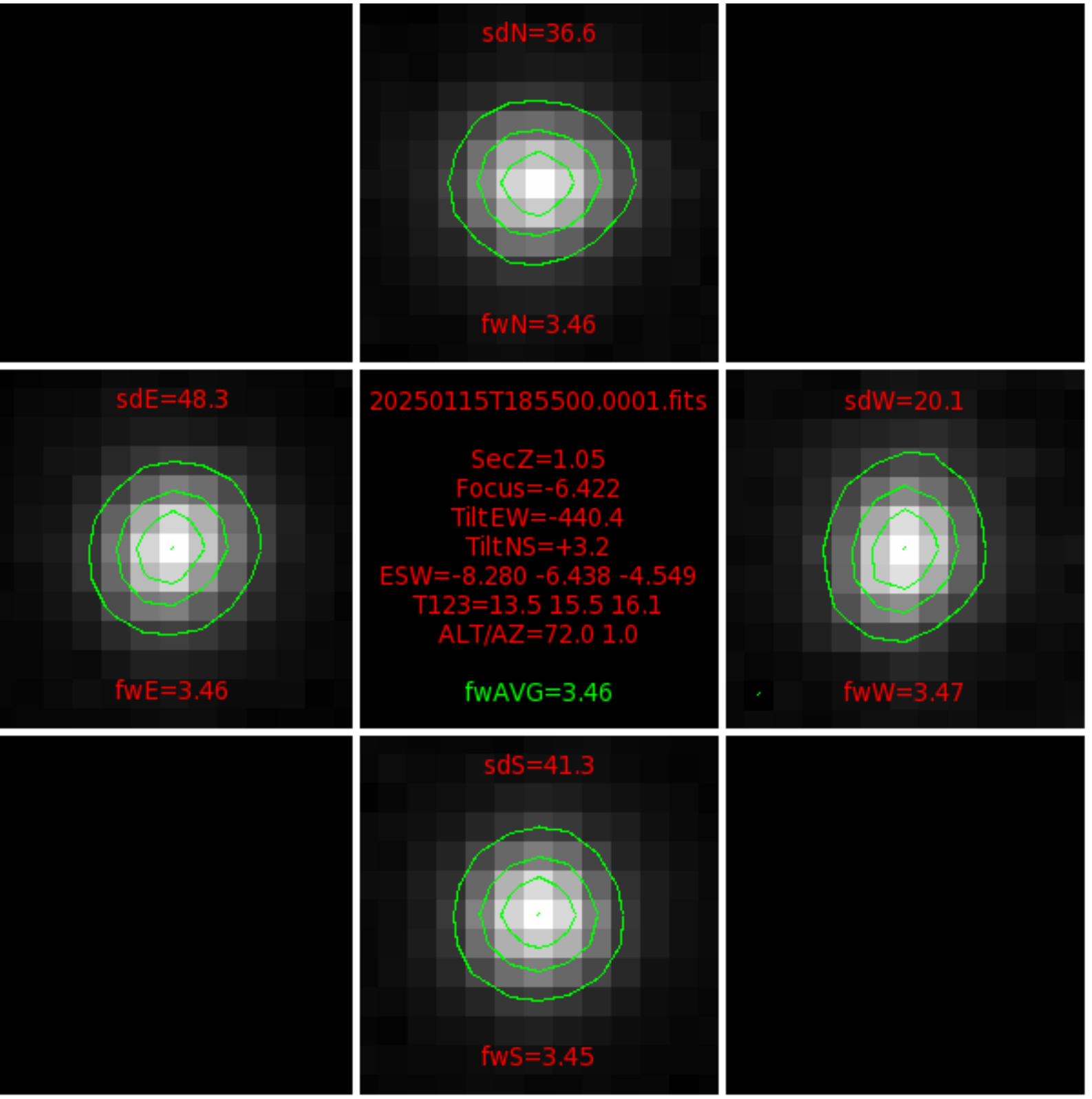
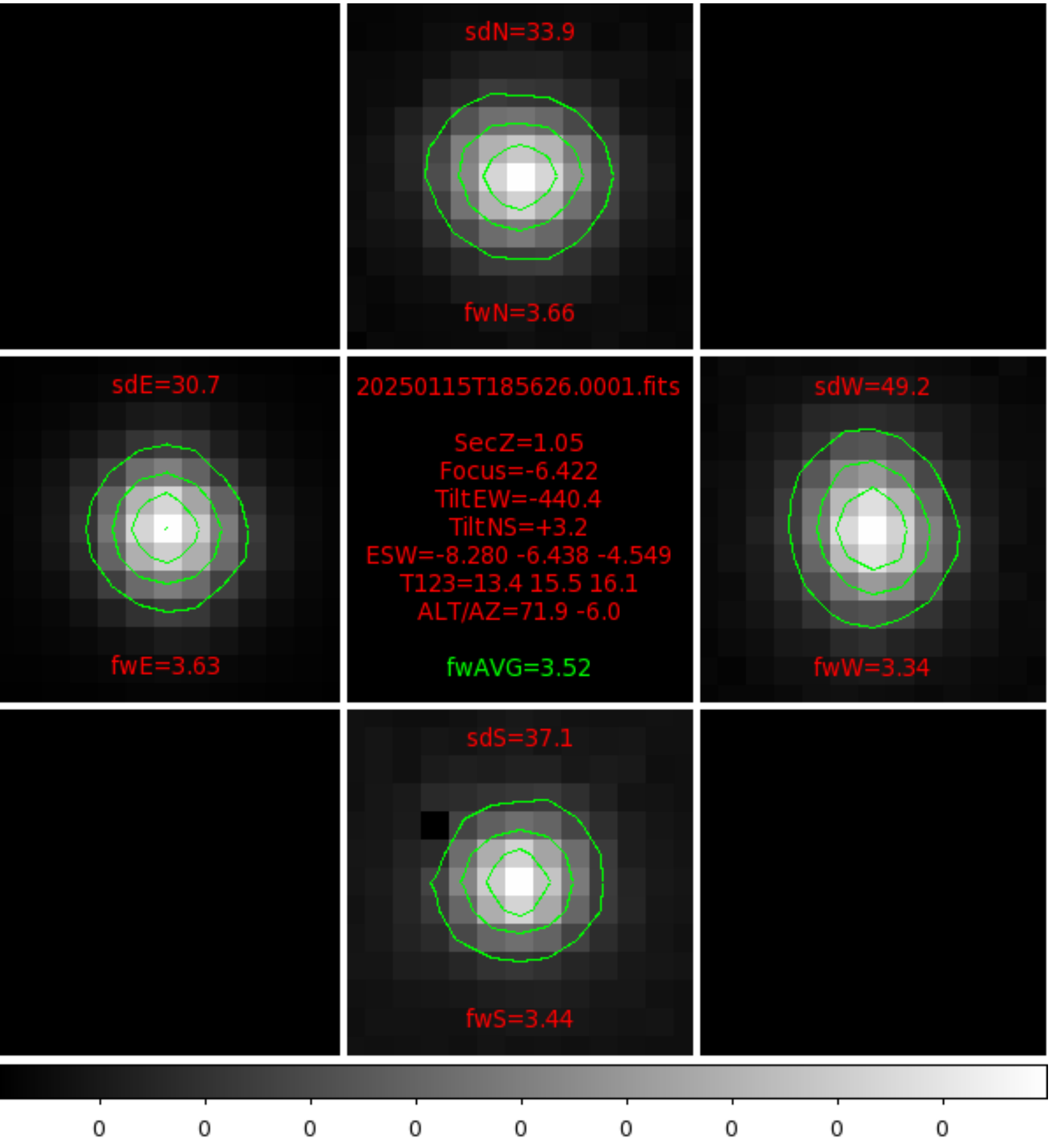

sdN=48.1
fwN=3.89
sdE=104.6
fwE=3.69
20250115T185429.0001.fits
SecZ=1.05
Focus=-6.407
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.265 -6.423 -4.534
T123=13.5 15.6 16.2
ALT/AZ=72.0 1.3
fwAVG=3.65
sdW=82.6
fwW=3.49
sdS=119.7
fwS=3.52
0 0 0 0 0 0 0 0 0


sdN=36.6
fwN=3.46
sdE=48.3
fwE=3.46
20250115T185500.0001.fits
SecZ=1.05
Focus=-6.422
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.280 -6.438 -4.549
T123=13.5 15.5 16.1
ALT/AZ=72.0 1.0
fwAVG=3.46
sdW=20.1
fwW=3.47
sdS=41.3
fwS=3.45
0 0 0 0 0 0 0 0 0


sdN=33.9
fwN=3.66
sdE=30.7
fwE=3.63
20250115T185626.0001.fits
SecZ=1.05
Focus=-6.422
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.280 -6.438 -4.549
T123=13.4 15.5 16.1
ALT/AZ=71.9 -6.0
fwAVG=3.52
sdW=49.2
fwW=3.34
sdS=37.1
fwS=3.44
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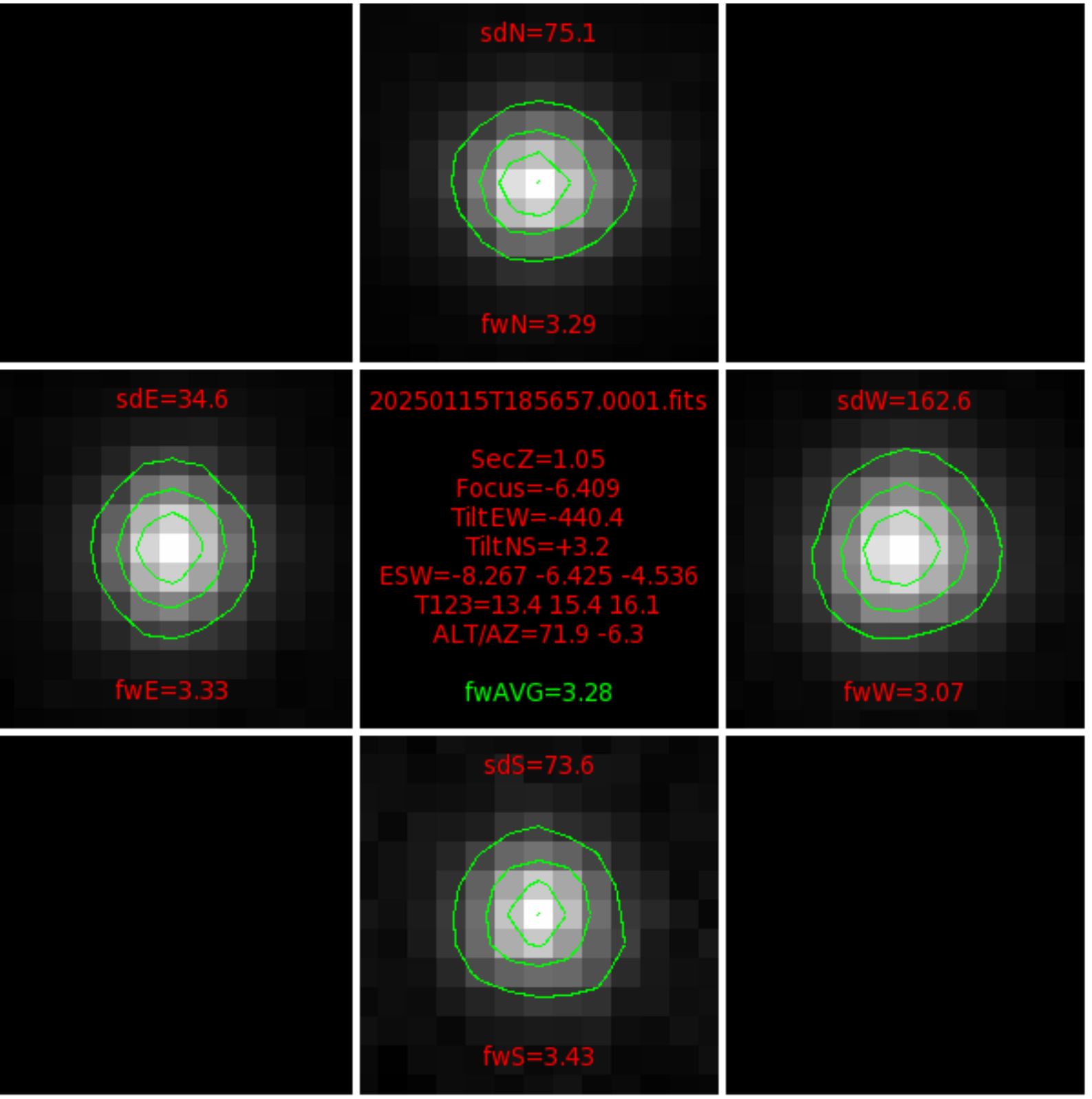
sdN=75.1
fwN=3.29
sdE=34.6
fwE=3.33
20250115T185657.0001.fits
SecZ=1.05
Focus=-6.409
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.267 -6.425 -4.536
T123=13.4 15.4 16.1
ALT/AZ=71.9 -6.3
fwAVG=3.28
sdW=162.6
fwW=3.07
sdS=73.6
fwS=3.43
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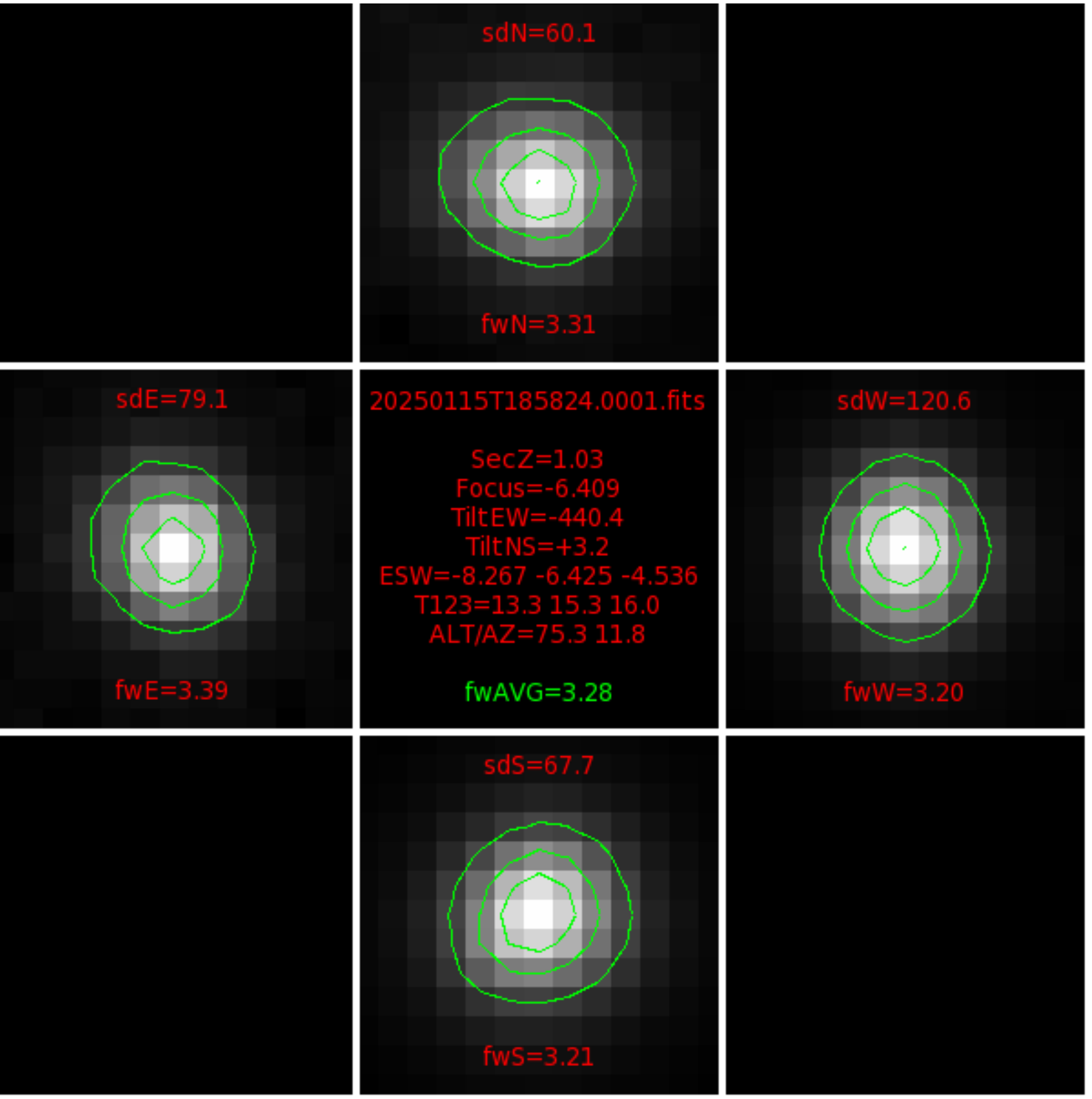
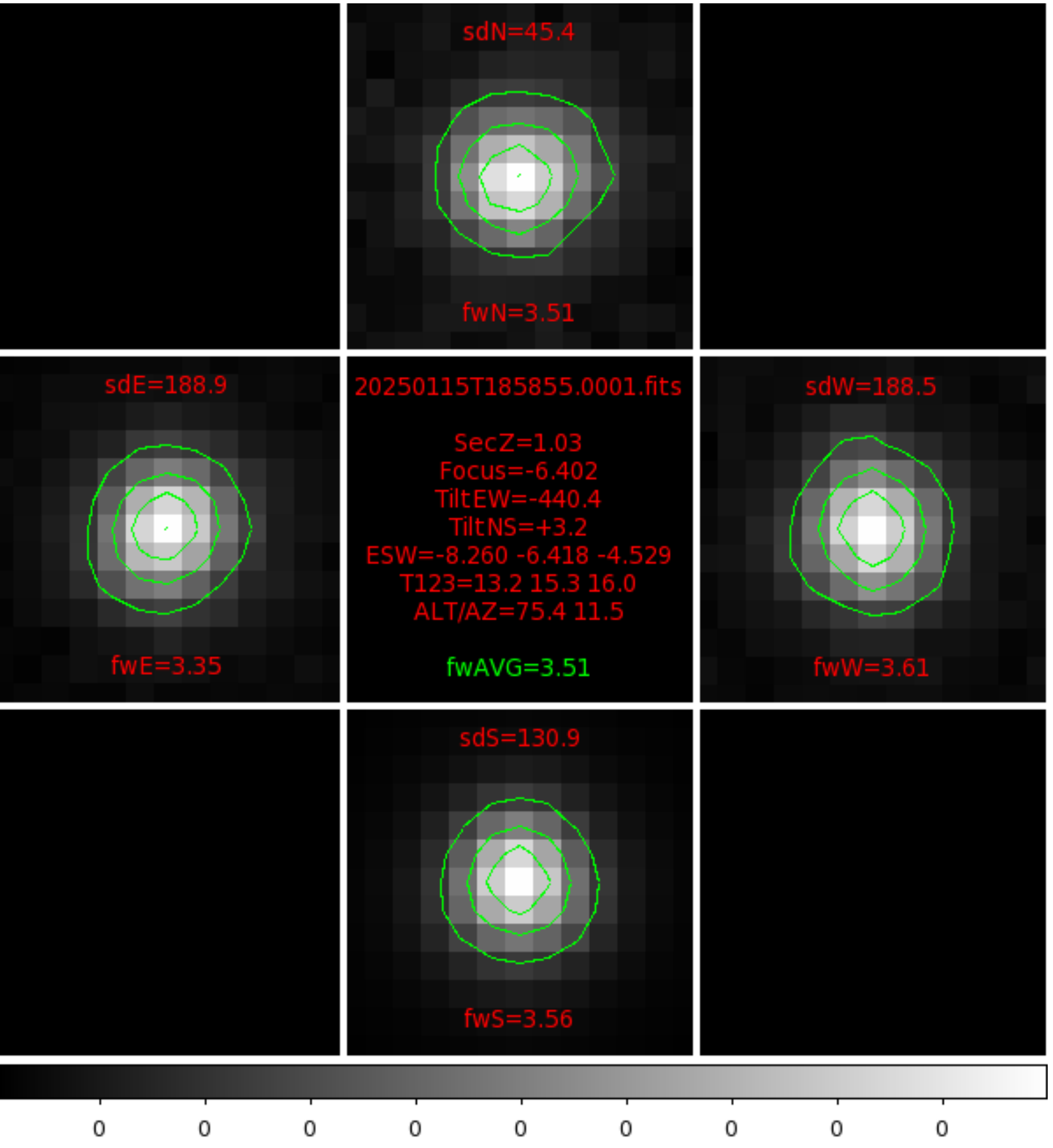

sdN=60.1
fwN=3.31
sdE=79.1
fwE=3.39
20250115T185824.0001.fits
SecZ=1.03
Focus=-6.409
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.267 -6.425 -4.536
T123=13.3 15.3 16.0
ALT/AZ=75.3 11.8
fwAVG=3.28
sdW=120.6
fwW=3.20
sdS=67.7
fwS=3.21
0 0 0 0 0 0 0 0 0


sdN=45.4
fwN=3.51
sdE=188.9
fwE=3.35
20250115T185855.0001.fits
SecZ=1.03
Focus=-6.402
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.260 -6.418 -4.529
T123=13.2 15.3 16.0
ALT/AZ=75.4 11.5
fwAVG=3.51
sdW=188.5
fwW=3.61
sdS=130.9
fwS=3.56
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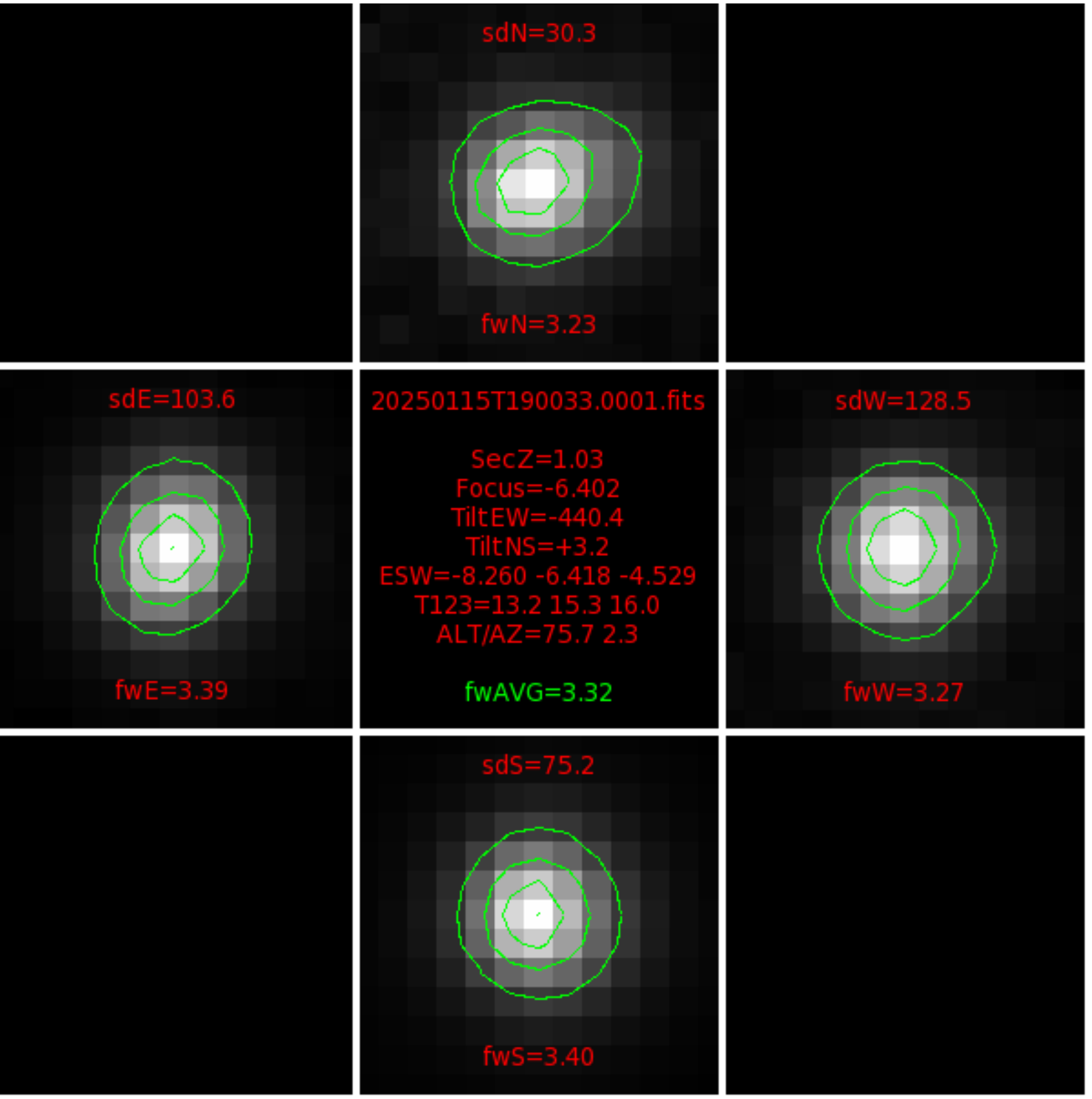
sdN=30.3
fwN=3.23
sdE=103.6
fwE=3.39
20250115T190033.0001.fits
SecZ=1.03
Focus=-6.402
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.260 -6.418 -4.529
T123=13.2 15.3 16.0
ALT/AZ=75.7 2.3
fwAVG=3.32
sdW=128.5
fwW=3.27
sdS=75.2
fwS=3.40
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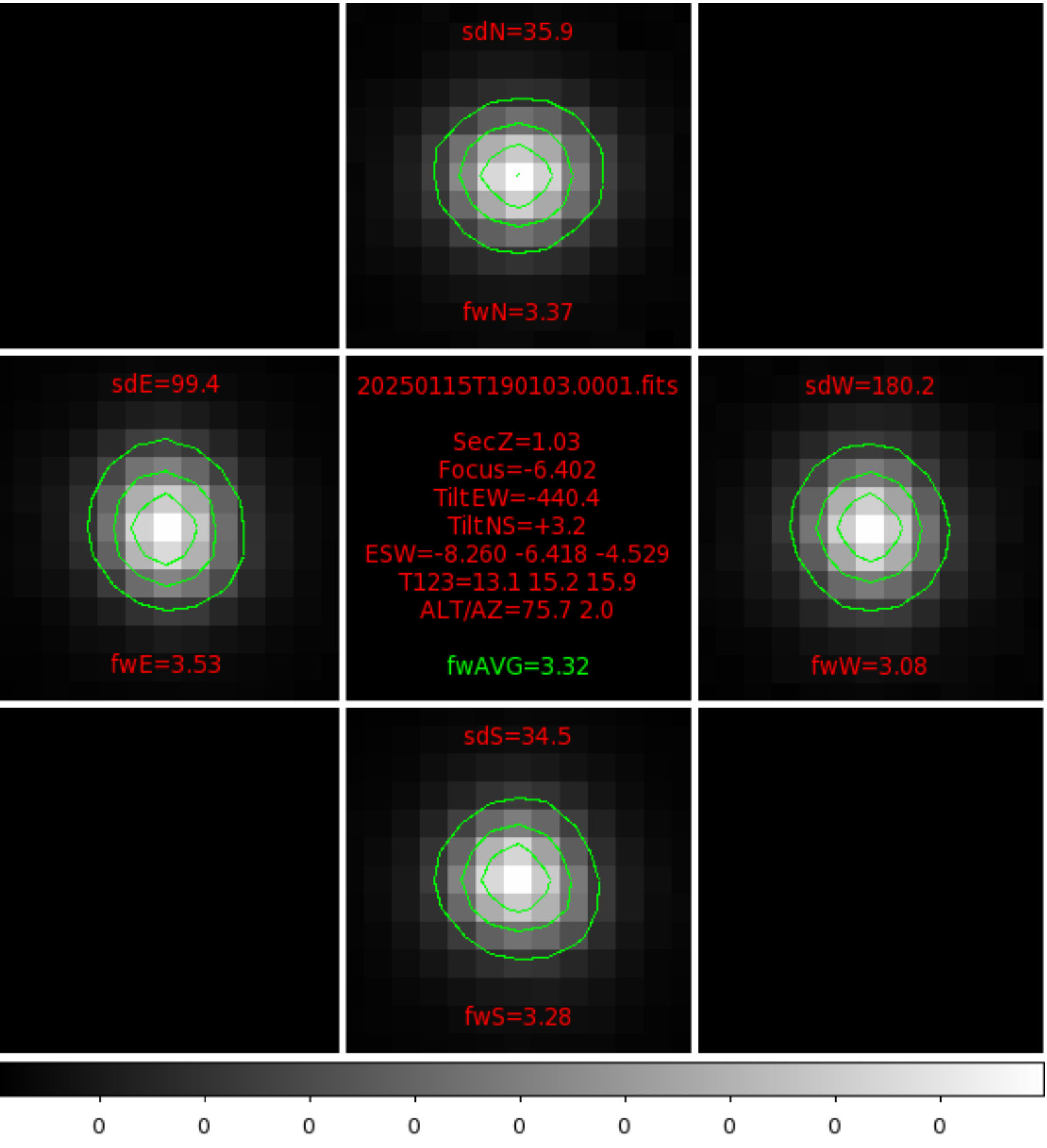
sdN=35.9
fwN=3.37
sdE=99.4
fwE=3.53
20250115T190103.0001.fits
SecZ=1.03
Focus=-6.402
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.260 -6.418 -4.529
T123=13.1 15.2 15.9
ALT/AZ=75.7 2.0
fwAVG=3.32
sdW=180.2
fwW=3.08
sdS=34.5
fwS=3.28
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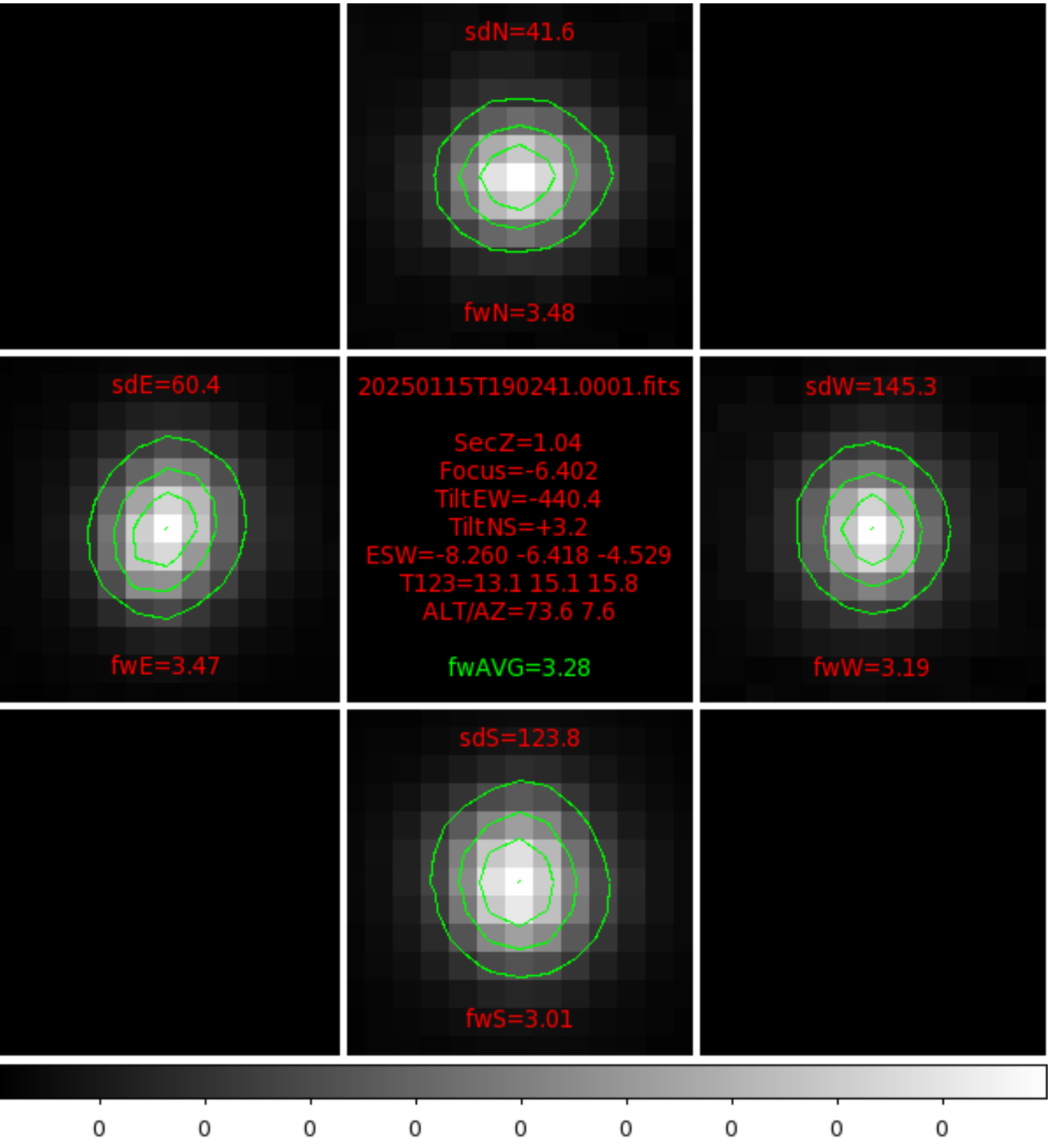
sdN=41.6
fwN=3.48
sdE=60.4
fwE=3.47
20250115T190241.0001.fits
SecZ=1.04
Focus=-6.402
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.260 -6.418 -4.529
T123=13.1 15.1 15.8
ALT/AZ=73.6 7.6
fwAVG=3.28
sdW=145.3
fwW=3.19
sdS=123.8
fwS=3.01
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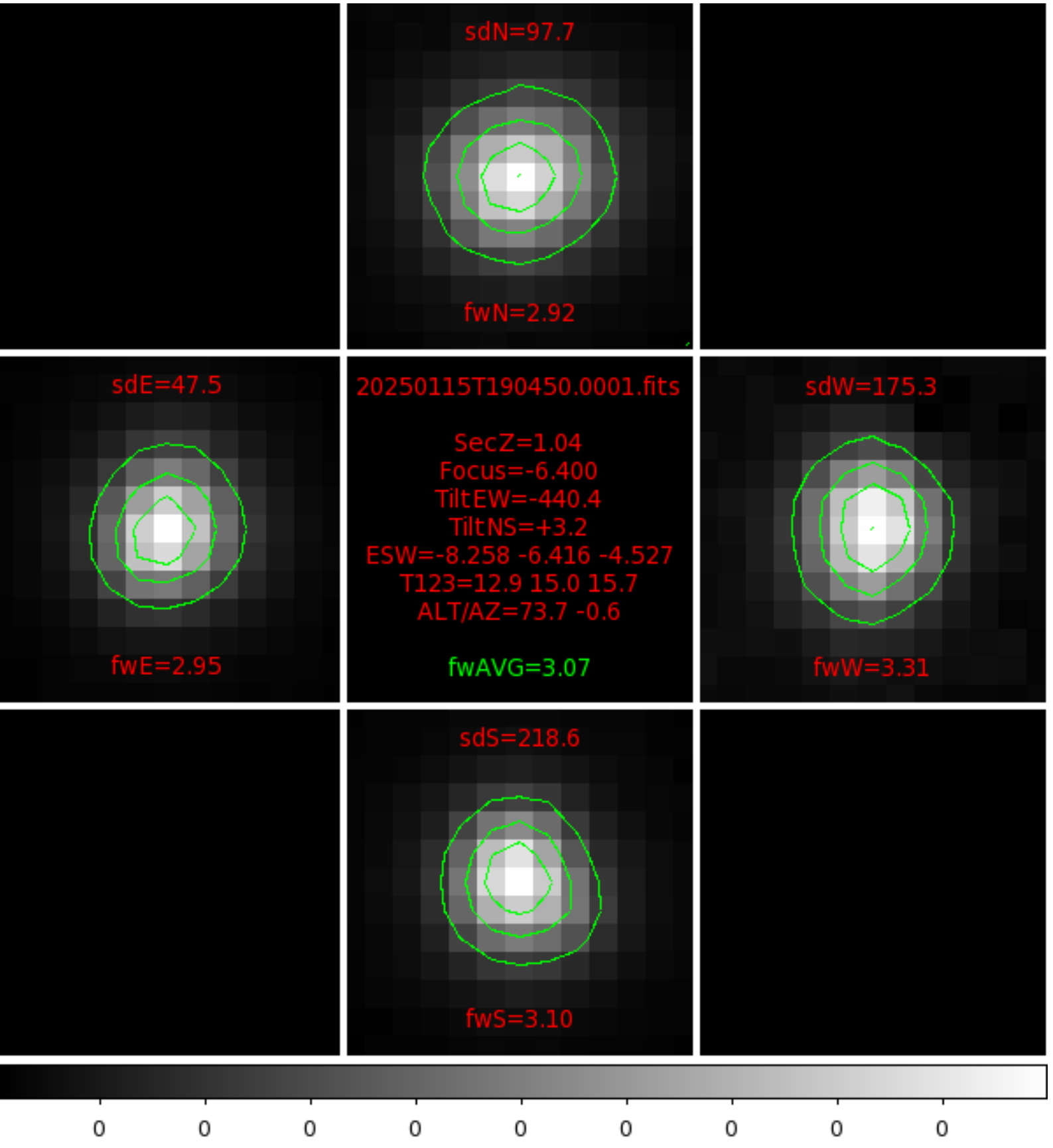
sdN=97.7
fwN=2.92
sdE=47.5
fwE=2.95
20250115T190450.0001.fits
SecZ=1.04
Focus=-6.400
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.258 -6.416 -4.527
T123=12.9 15.0 15.7
ALT/AZ=73.7 -0.6
fwAVG=3.07
sdW=175.3
fwW=3.31
sdS=218.6
fwS=3.10
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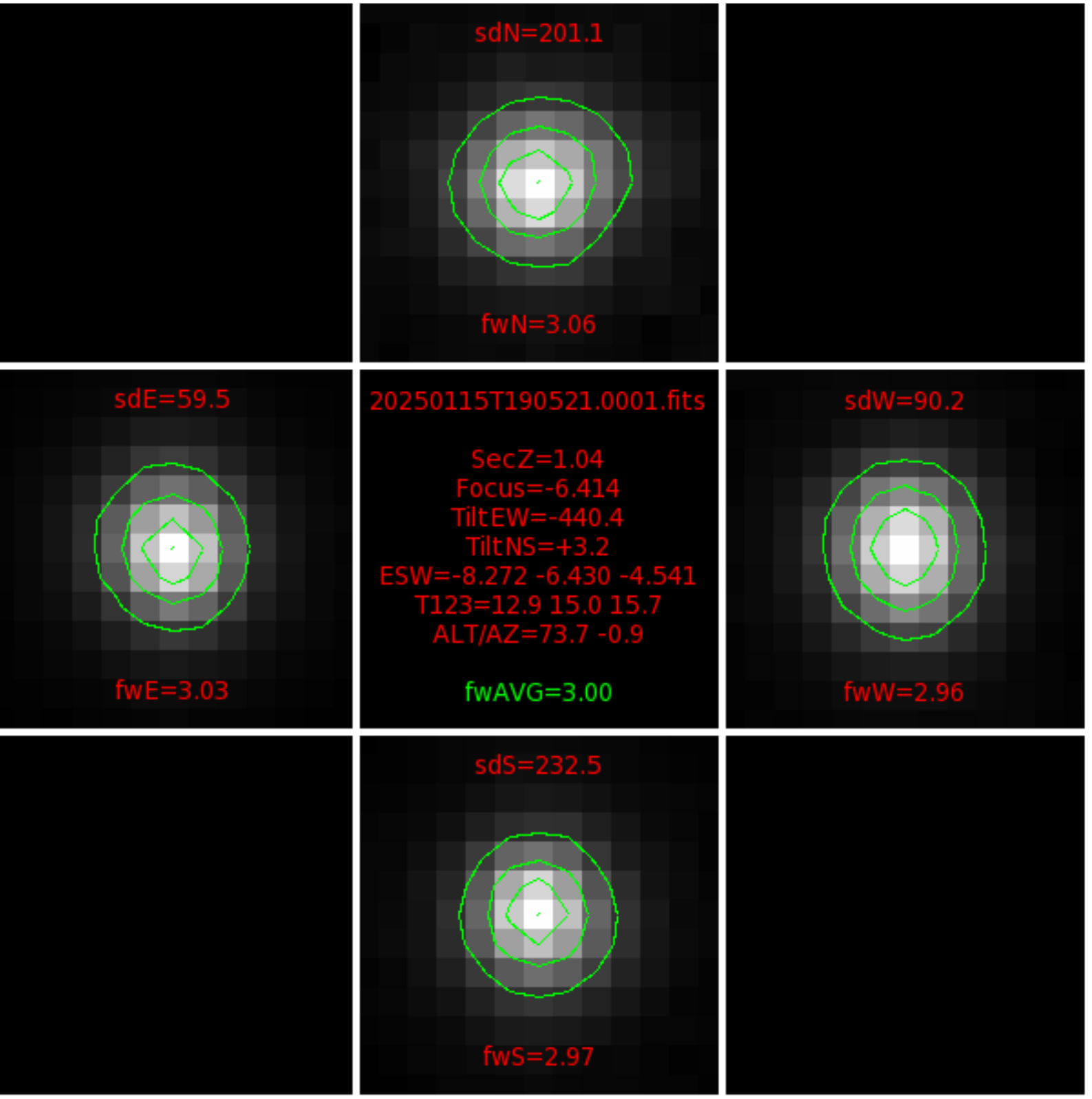
sdN=201.1
fwN=3.06
sdE=59.5
fwE=3.03
20250115T190521.0001.fits
SecZ=1.04
Focus=-6.414
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.272 -6.430 -4.541
T123=12.9 15.0 15.7
ALT/AZ=73.7 -0.9
fwAVG=3.00
sdW=90.2
fwW=2.96
sdS=232.5
fwS=2.97
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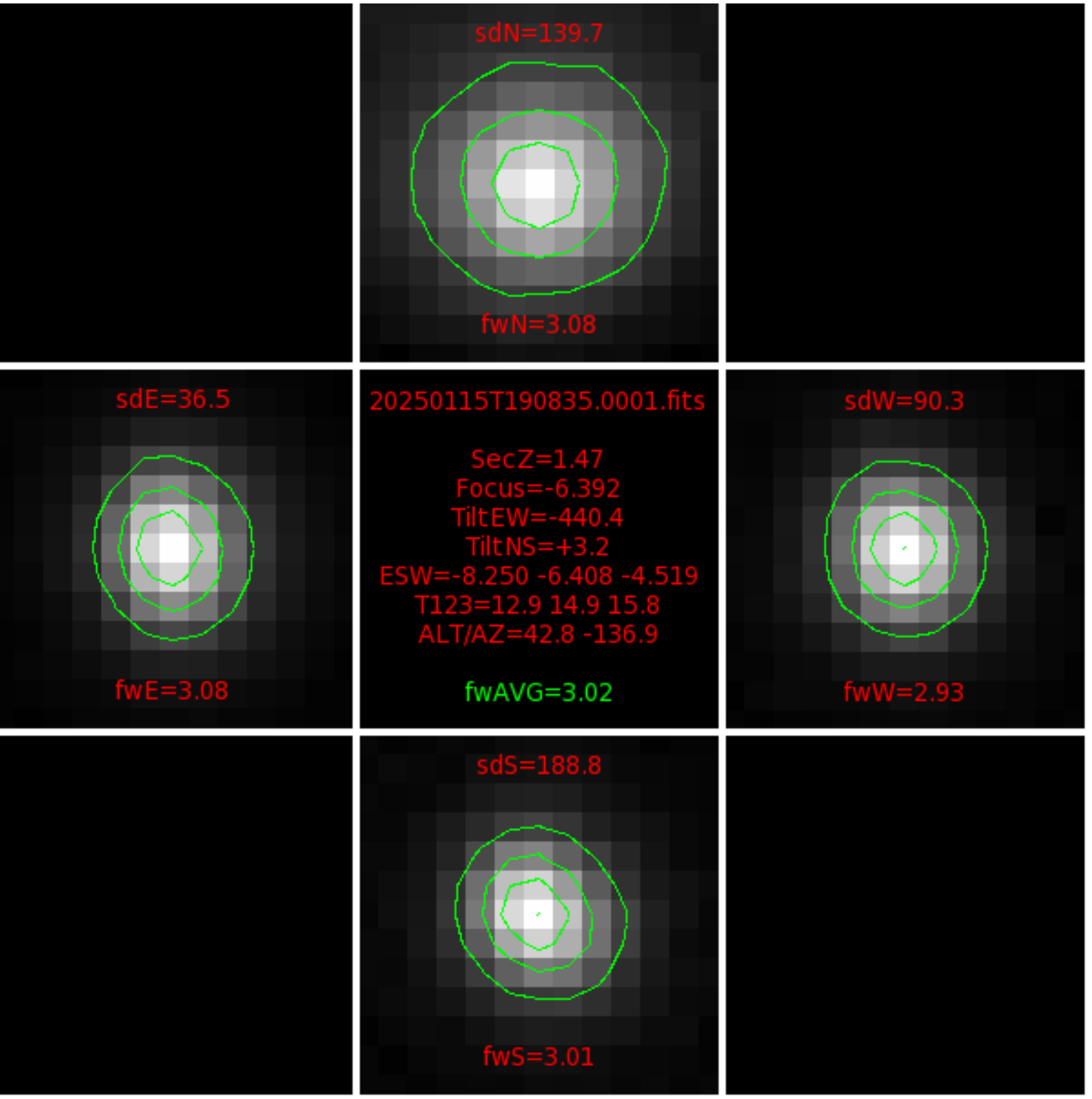
sdN=139.7
fwN=3.08
sdE=36.5
fwE=3.08
20250115T190835.0001.fits
SecZ=1.47
Focus=-6.392
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.250 -6.408 -4.519
T123=12.9 14.9 15.8
ALT/AZ=42.8 -136.9
fwAVG=3.02
sdW=90.3
fwW=2.93
sdS=188.8
fwS=3.01
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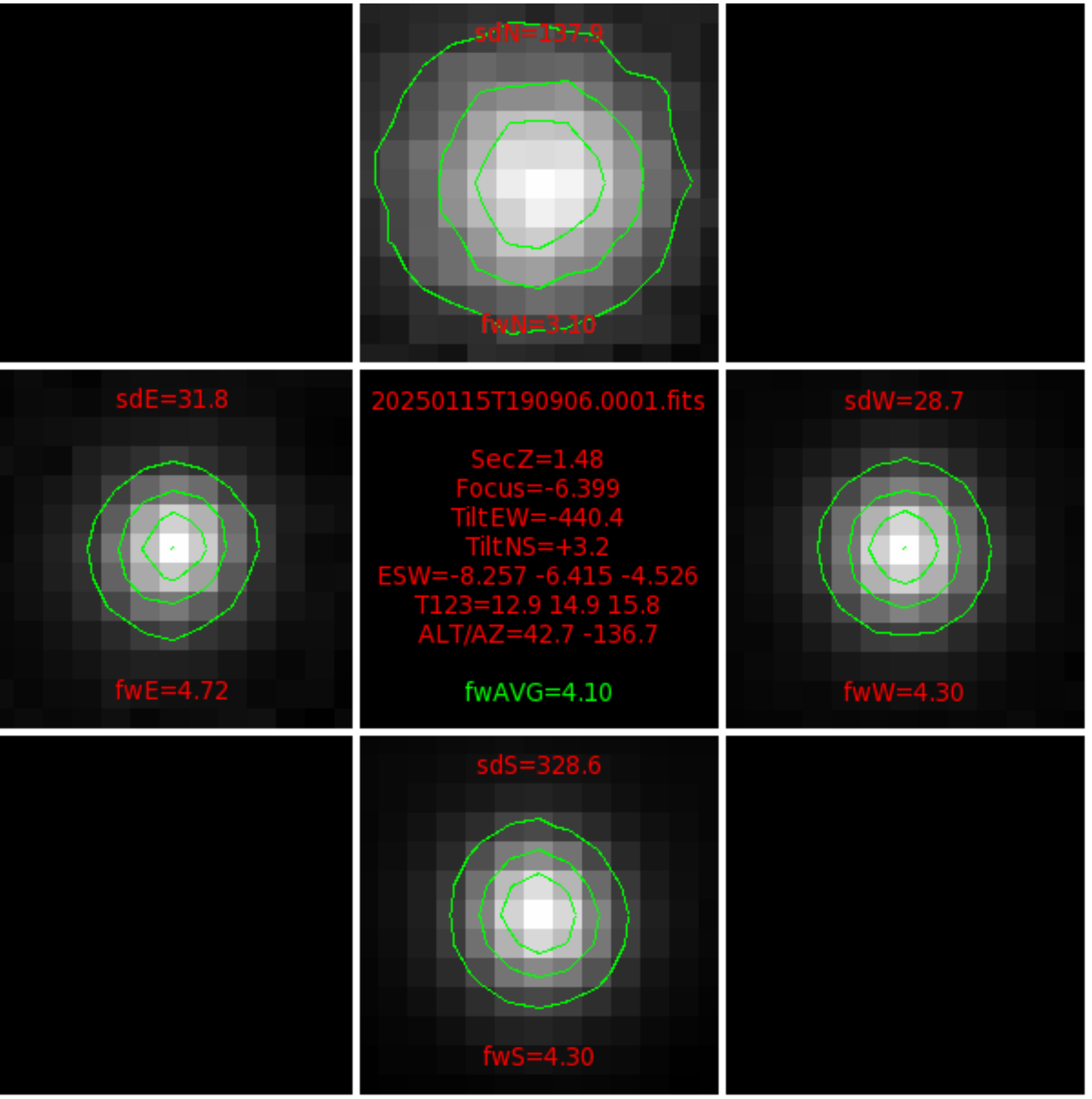
sdN=137.9
fwN=3.10
sdE=31.8
fwE=4.72
20250115T190906.0001.fits
SecZ=1.48
Focus=-6.399
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.257 -6.415 -4.526
T123=12.9 14.9 15.8
ALT/AZ=42.7 -136.7
fwAVG=4.10
sdW=28.7
fwW=4.30
sdS=328.6
fwS=4.30
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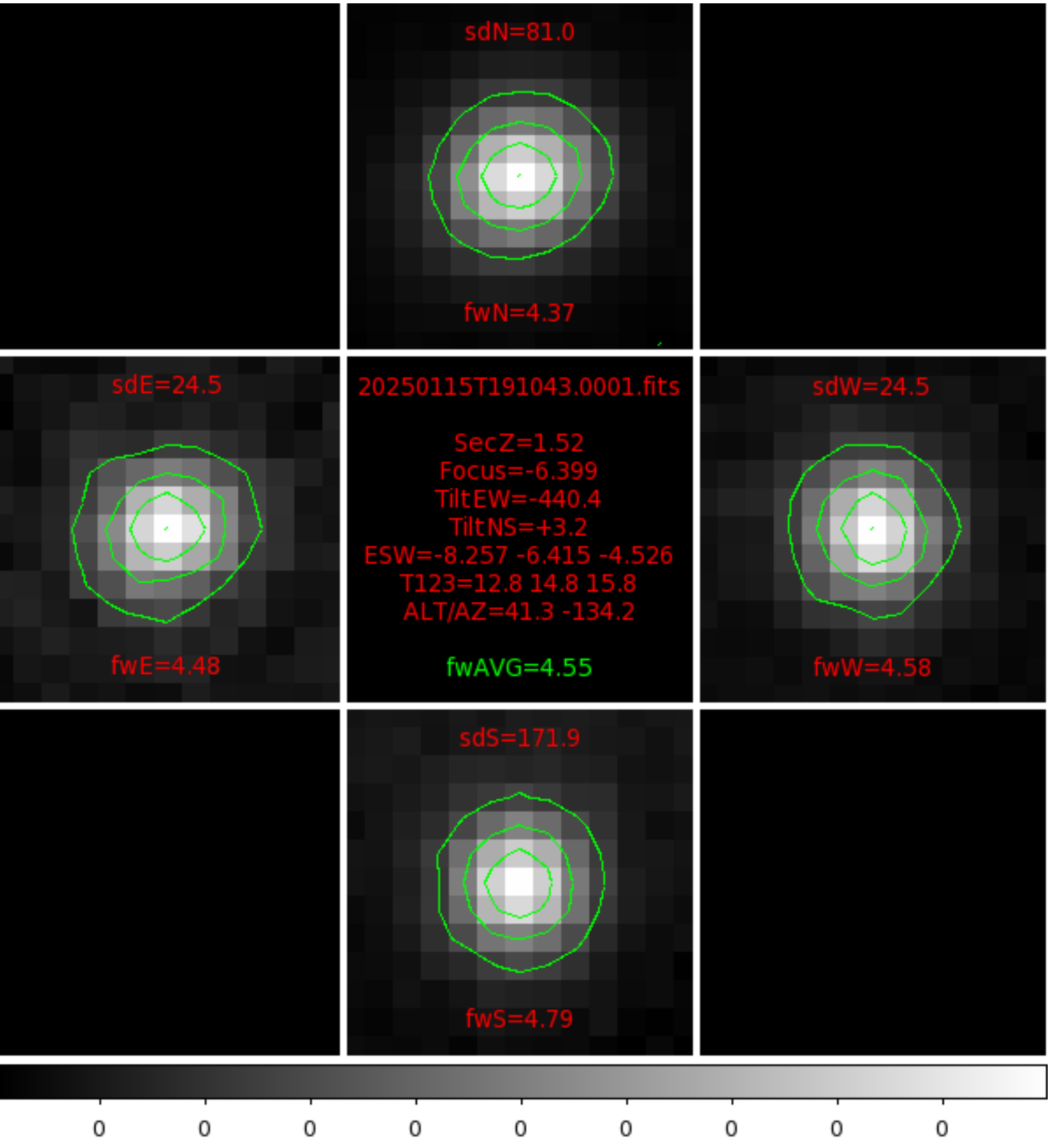
sdN=81.0
fwN=4.37
sdE=24.5
fwE=4.48
20250115T191043.0001.fits
SecZ=1.52
Focus=-6.399
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.257 -6.415 -4.526
T123=12.8 14.8 15.8
ALT/AZ=41.3 -134.2
fwAVG=4.55
sdW=24.5
fwW=4.58
sdS=171.9
fwS=4.79
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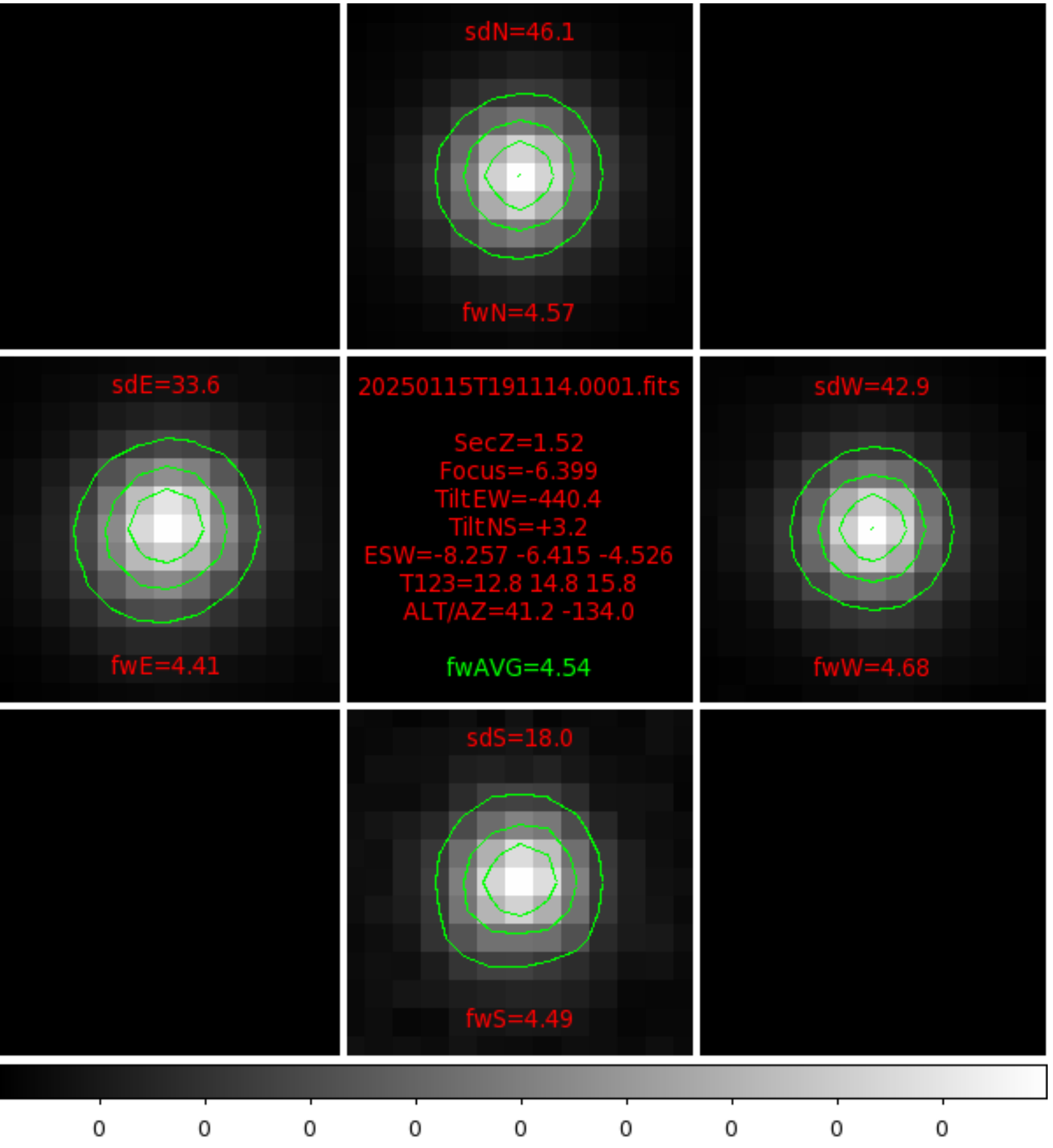
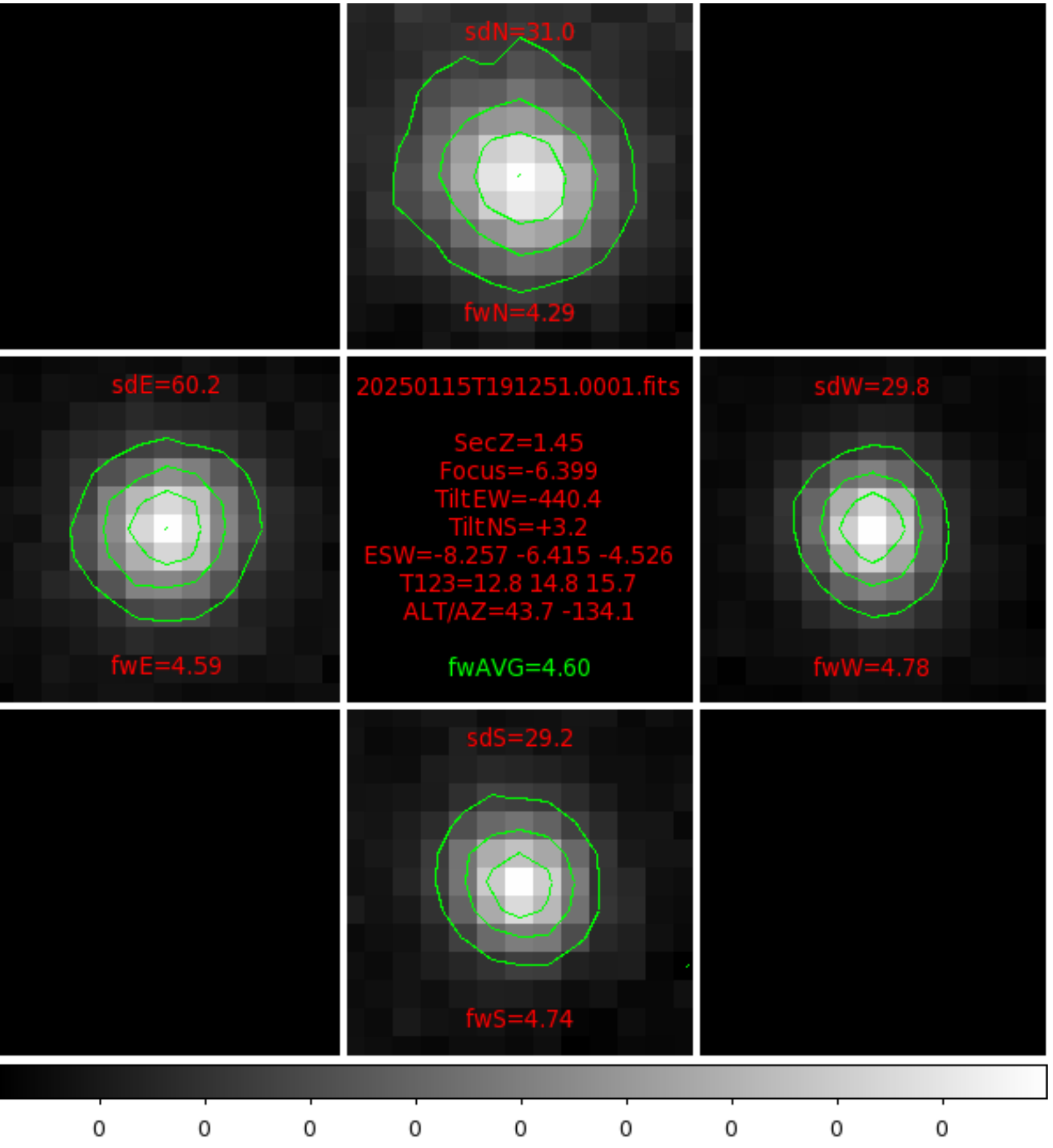

sdN=46.1
fwN=4.57
sdE=33.6
fwE=4.41
20250115T191114.0001.fits
SecZ=1.52
Focus=-6.399
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.257 -6.415 -4.526
T123=12.8 14.8 15.8
ALT/AZ=41.2 -134.0
fwAVG=4.54
sdW=42.9
fwW=4.68
sdS=18.0
fwS=4.49
0 0 0 0 0 0 0 0 0


sdN=31.0
fwN=4.29
sdE=60.2
fwE=4.59
20250115T191251.0001.fits
SecZ=1.45
Focus=-6.399
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.257 -6.415 -4.526
T123=12.8 14.8 15.7
ALT/AZ=43.7 -134.1
fwAVG=4.60
sdW=29.8
fwW=4.78
sdS=29.2
fwS=4.74
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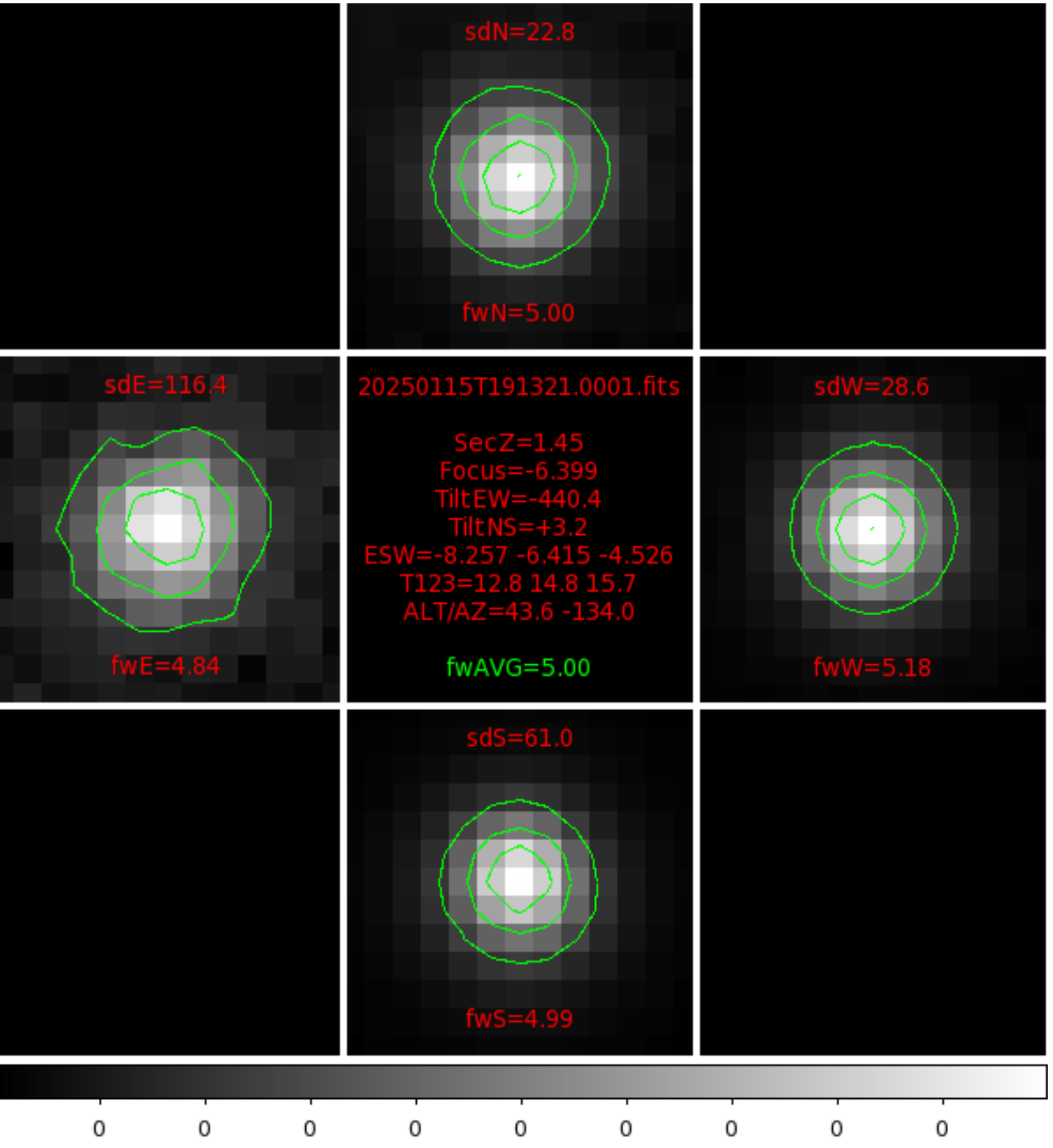
sdN=22.8
fwN=5.00
sdE=116.4
fwE=4.84
20250115T191321.0001.fits
SecZ=1.45
Focus=-6.399
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.257 -6.415 -4.526
T123=12.8 14.8 15.7
ALT/AZ=43.6 -134.0
fwAVG=5.00
sdW=28.6
fwW=5.18
sdS=61.0
fwS=4.99
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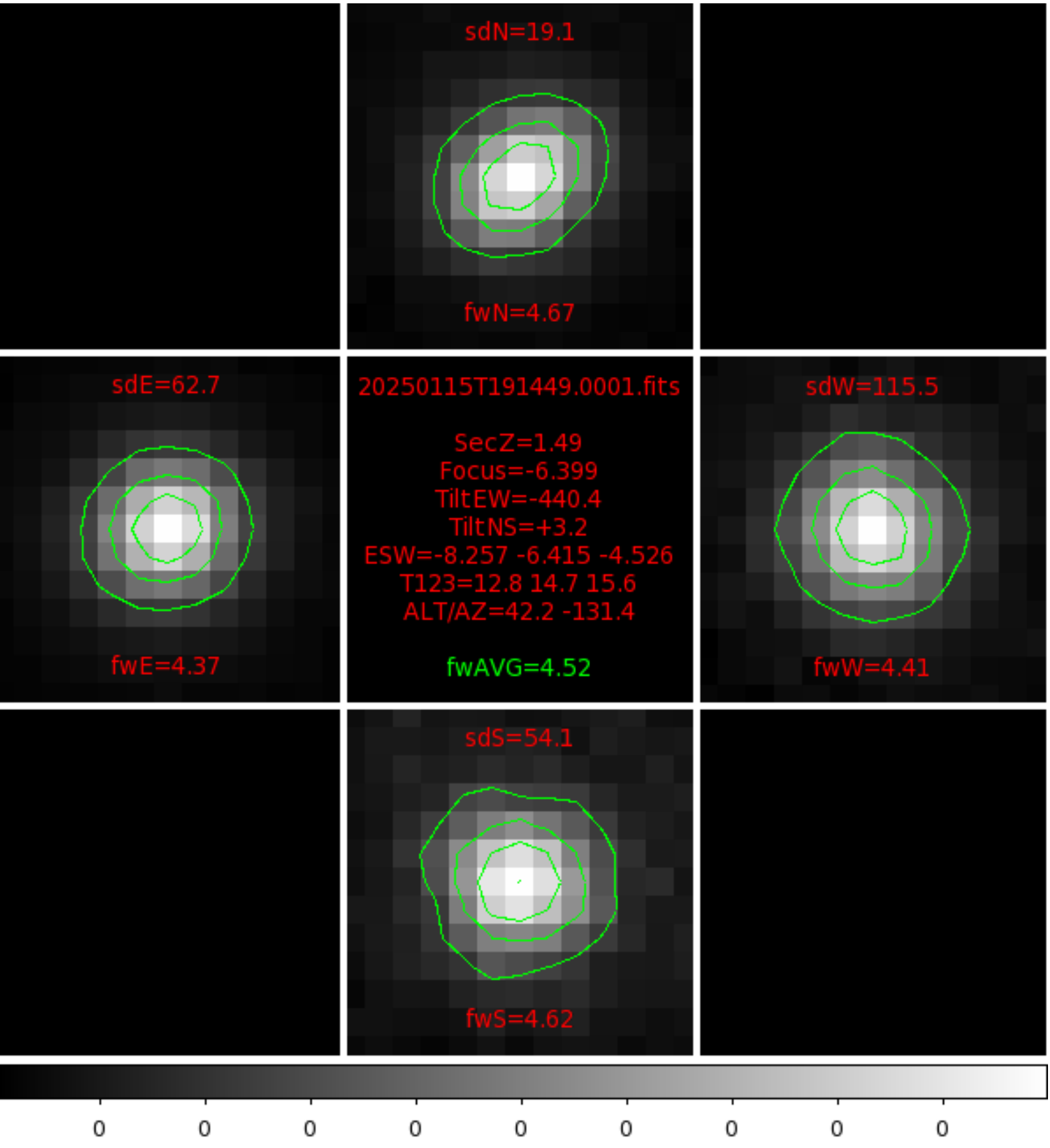
sdN=19.1
fwN=4.67
sdE=62.7
fwE=4.37
20250115T191449.0001.fits
SecZ=1.49
Focus=-6.399
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.257 -6.415 -4.526
T123=12.8 14.7 15.6
ALT/AZ=42.2 -131.4
fwAVG=4.52
sdW=115.5
fwW=4.41
sdS=54.1
fwS=4.62
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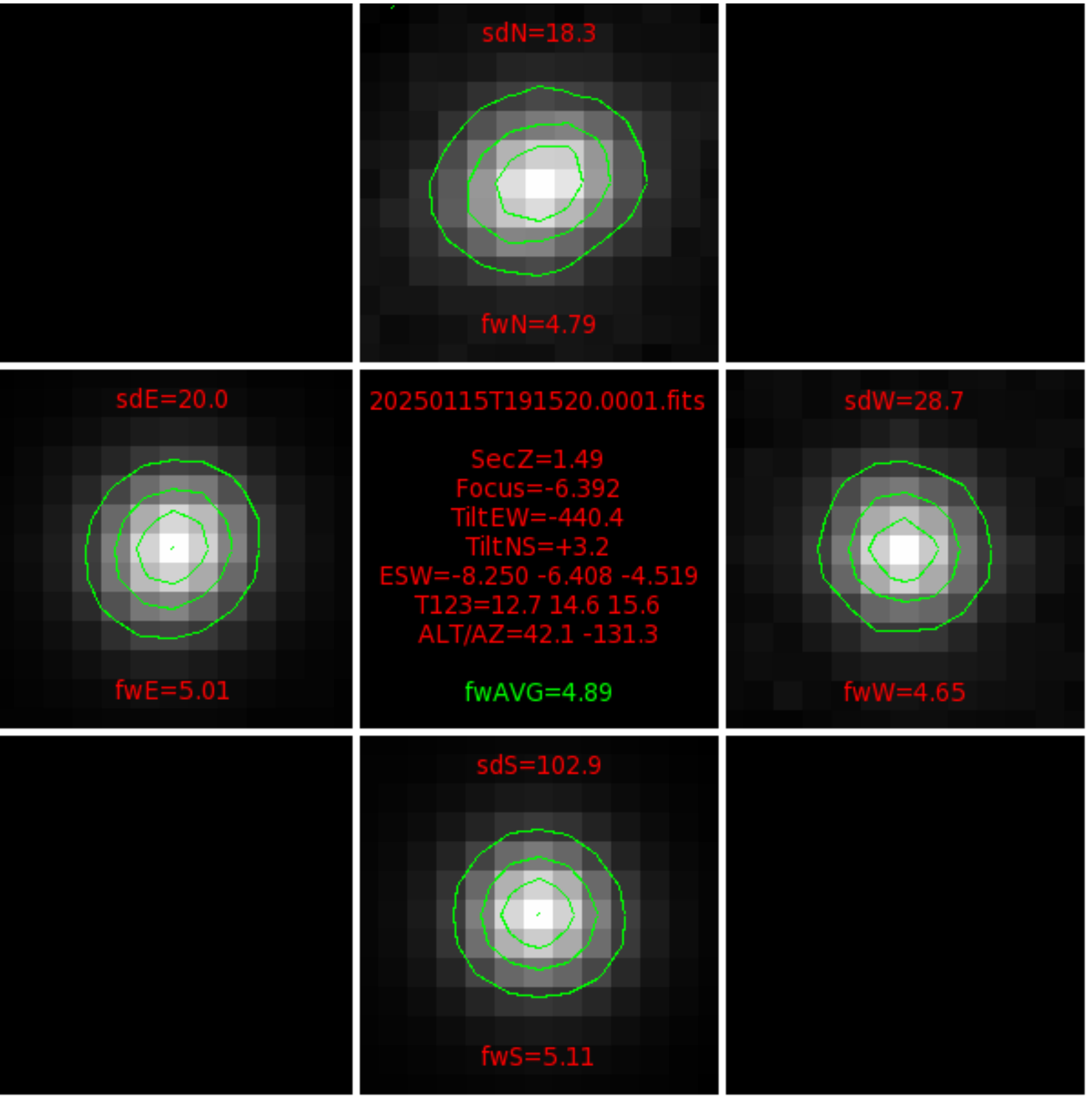
sdN=18.3
fwN=4.79
sdE=20.0
fwE=5.01
20250115T191520.0001.fits
SecZ=1.49
Focus=-6.392
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.250 -6.408 -4.519
T123=12.7 14.6 15.6
ALT/AZ=42.1 -131.3
fwAVG=4.89
sdW=28.7
fwW=4.65
sdS=102.9
fwS=5.11
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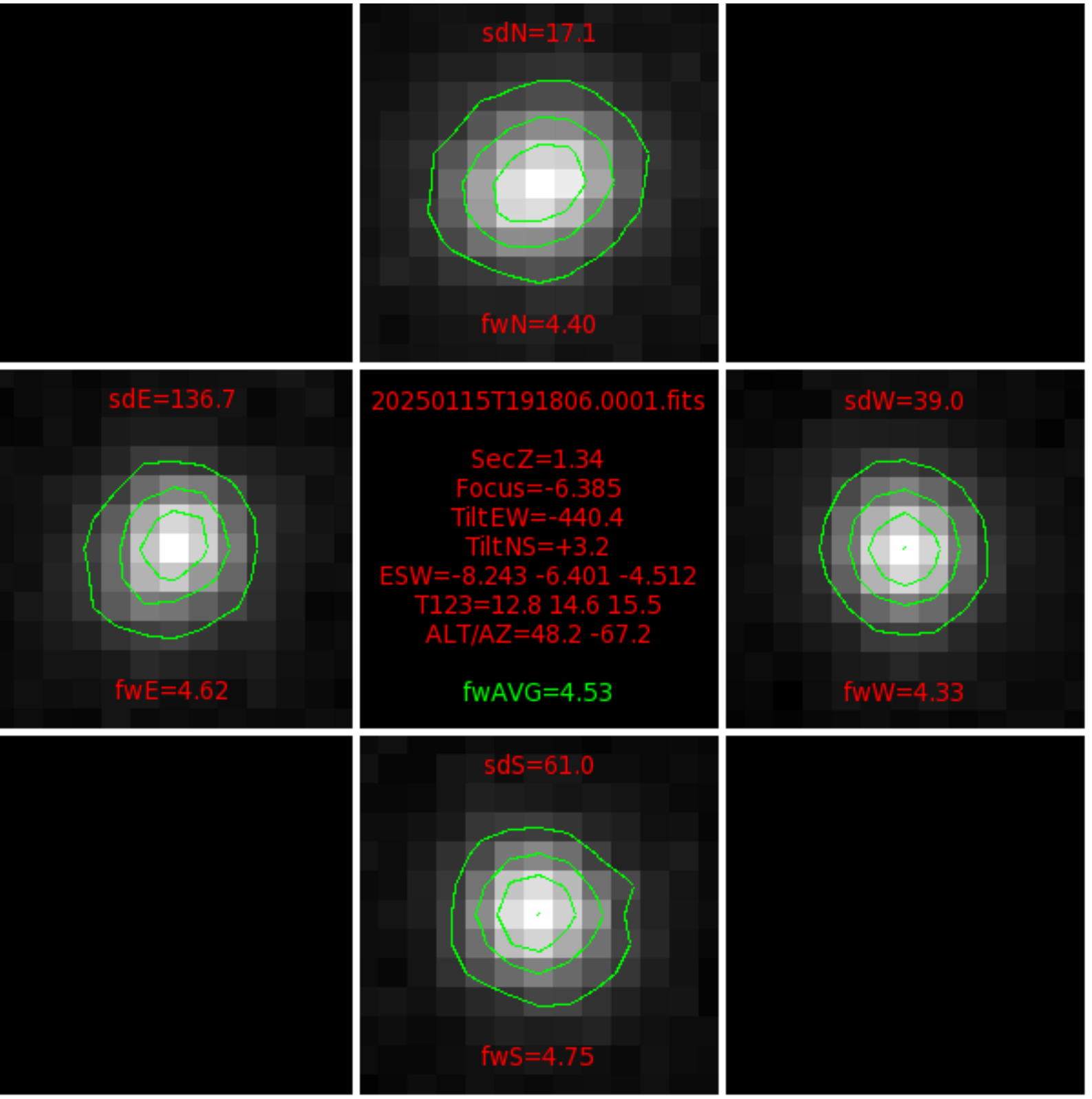
sdN=17.1
fwN=4.40
sdE=136.7
fwE=4.62
20250115T191806.0001.fits
SecZ=1.34
Focus=-6.385
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.243 -6.401 -4.512
T123=12.8 14.6 15.5
ALT/AZ=48.2 -67.2
fwAVG=4.53
sdW=39.0
fwW=4.33
sdS=61.0
fwS=4.75
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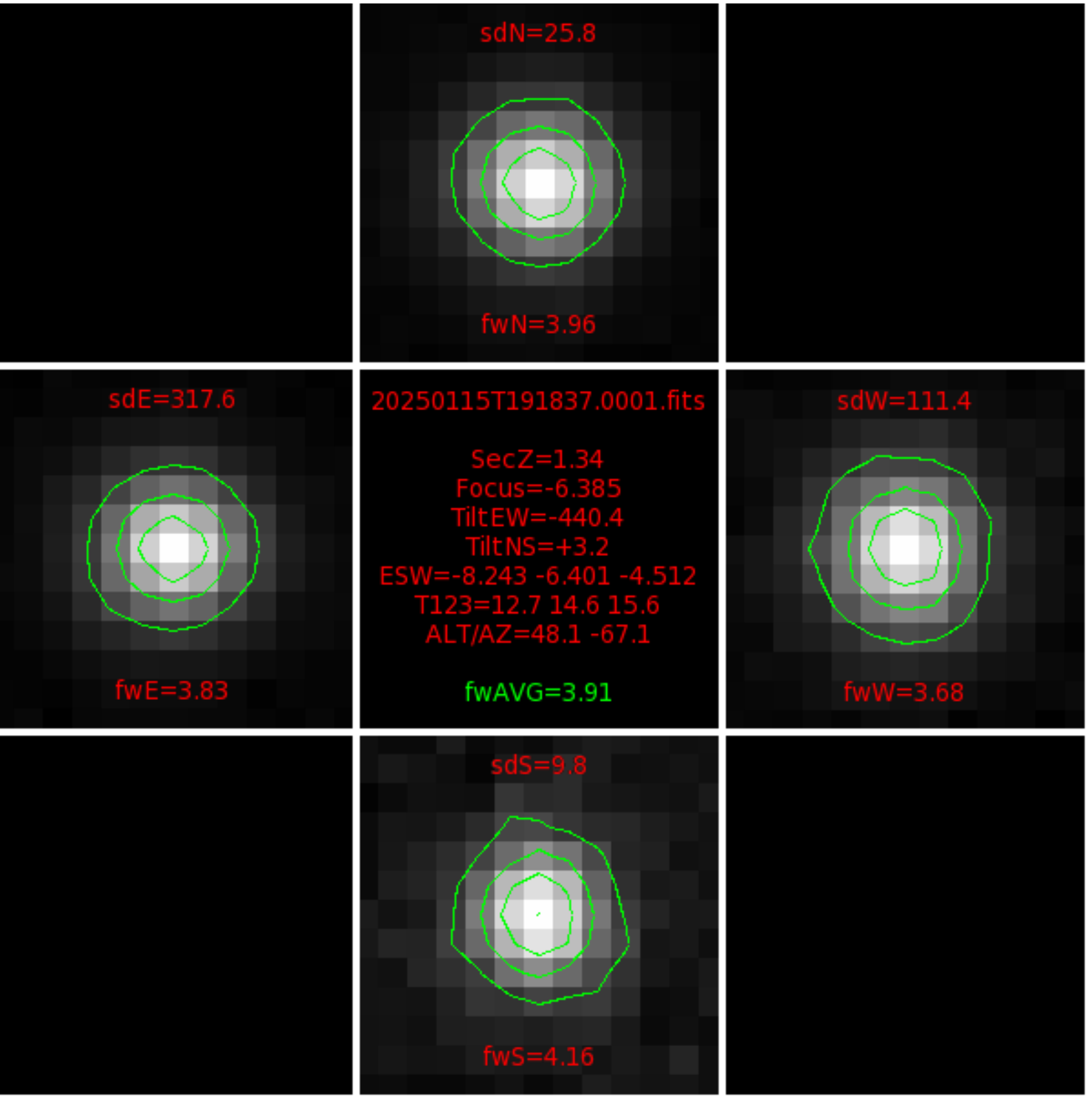
sdN=25.8
fwN=3.96
sdE=317.6
fwE=3.83
20250115T191837.0001.fits
SecZ=1.34
Focus=-6.385
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.243 -6.401 -4.512
T123=12.7 14.6 15.6
ALT/AZ=48.1 -67.1
fwAVG=3.91
sdW=111.4
fwW=3.68
sdS=9.8
fwS=4.16
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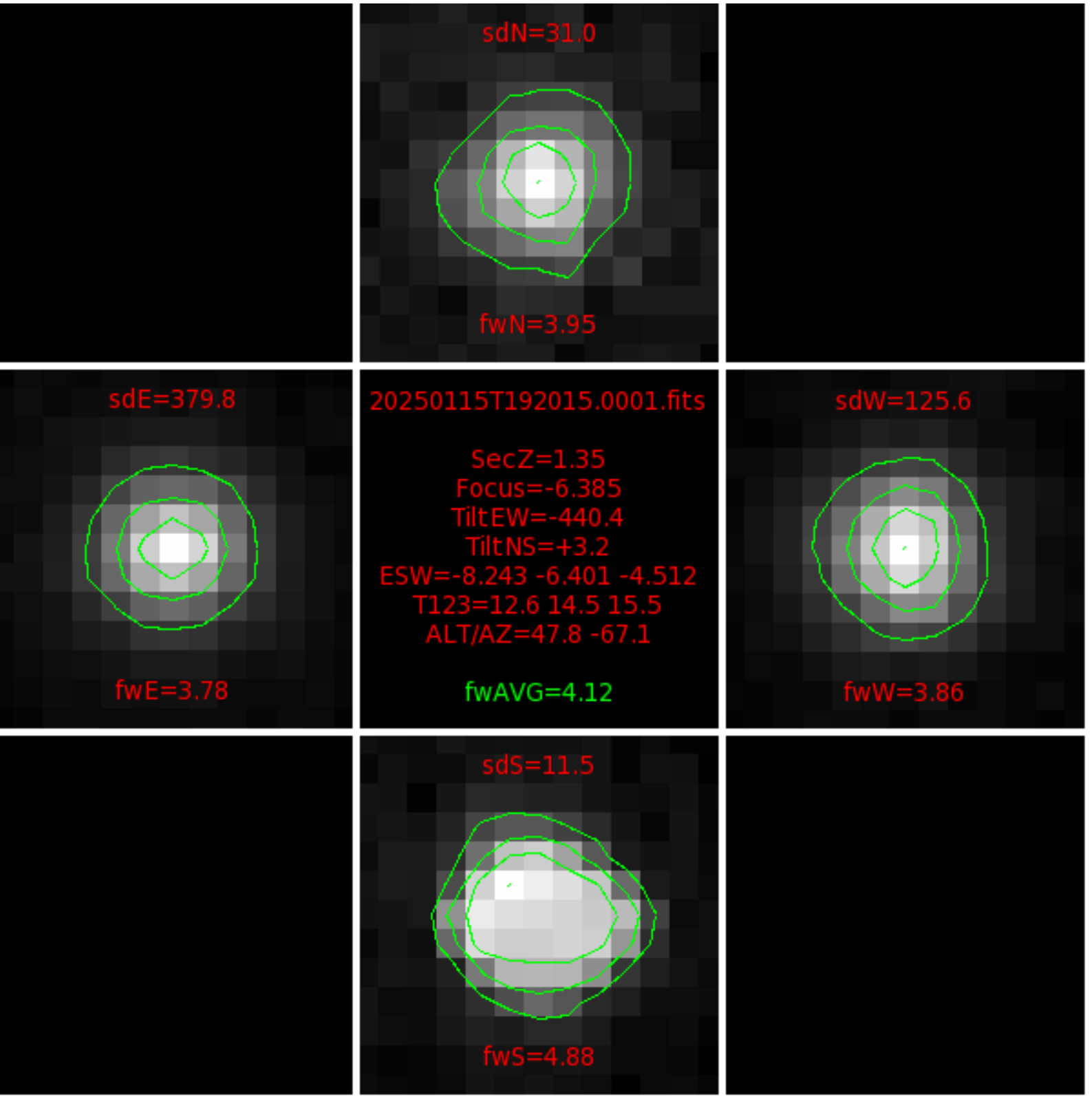
sdN=31.0
fwN=3.95
sdE=379.8
fwE=3.78
20250115T192015.0001.fits
SecZ=1.35
Focus=-6.385
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.243 -6.401 -4.512
T123=12.6 14.5 15.5
ALT/AZ=47.8 -67.1
fwAVG=4.12
sdW=125.6
fwW=3.86
sdS=11.5
fwS=4.88
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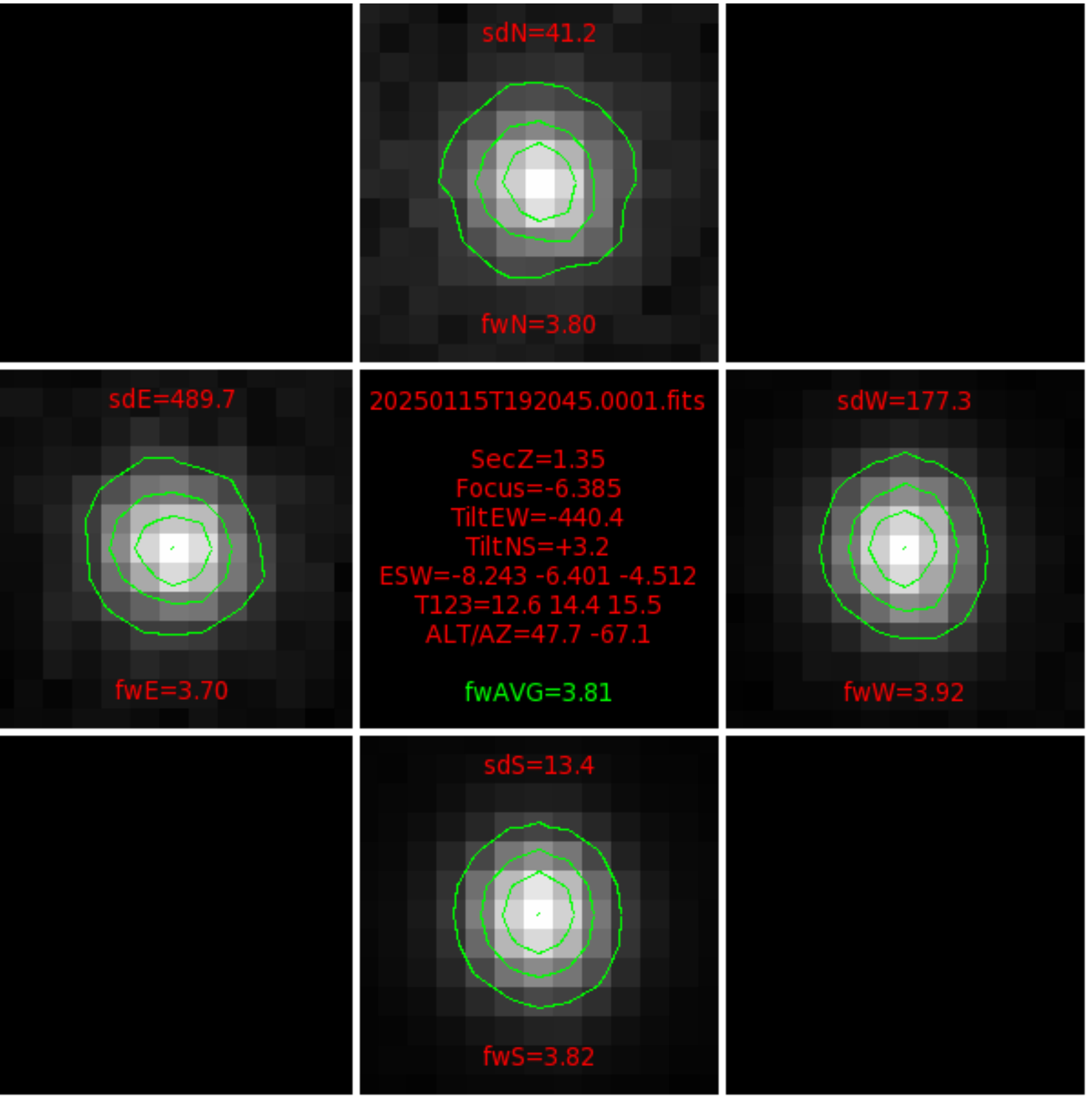
sdN=41.2
fwN=3.80
sdE=489.7
fwE=3.70
20250115T192045.0001.fits
SecZ=1.35
Focus=-6.385
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.243 -6.401 -4.512
T123=12.6 14.4 15.5
ALT/AZ=47.7 -67.1
fwAVG=3.81
sdW=177.3
fwW=3.92
sdS=13.4
fwS=3.82
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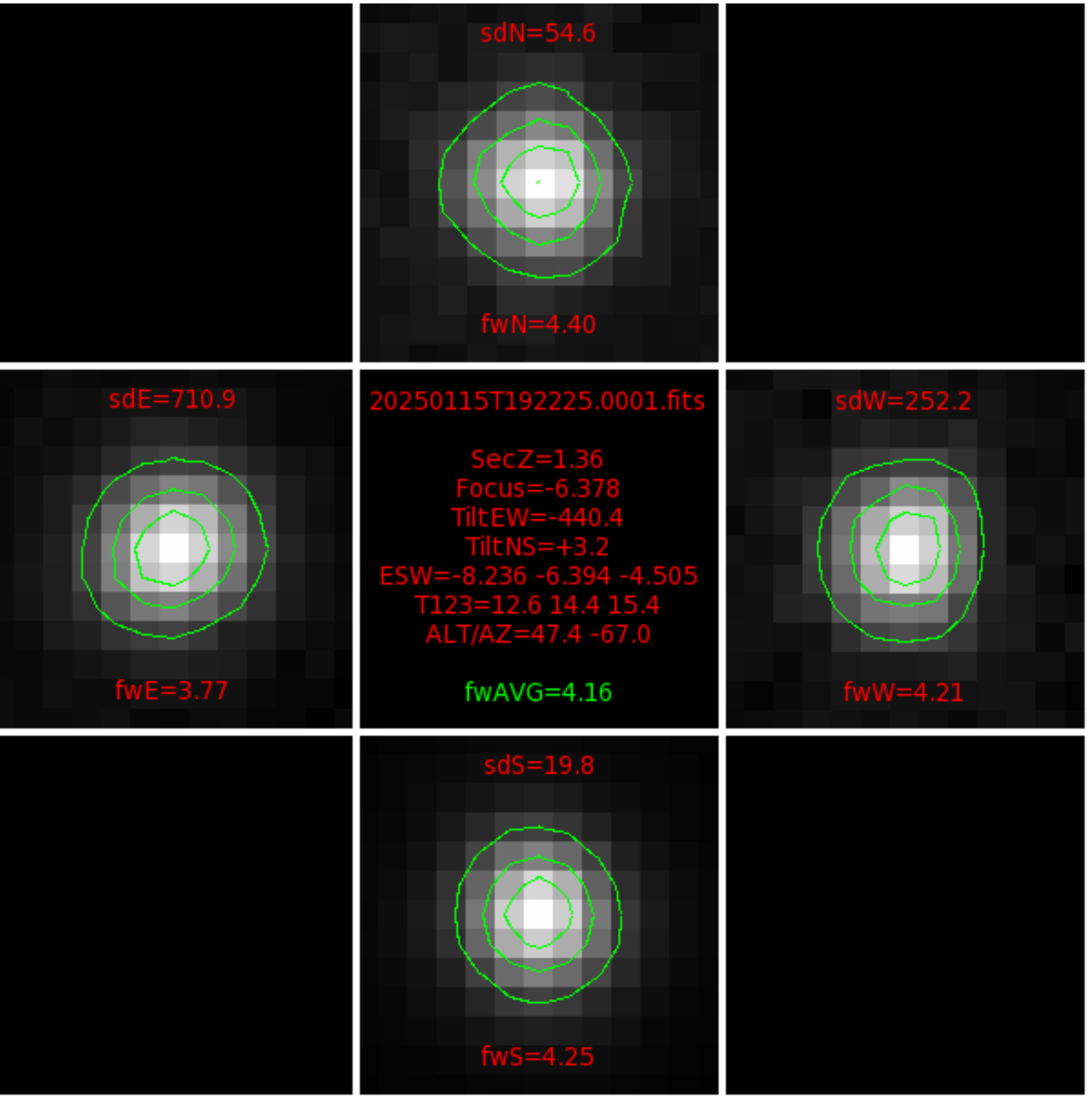
sdN=54.6
fwN=4.40
sdE=710.9
fwE=3.77
20250115T192225.0001.fits
SecZ=1.36
Focus=-6.378
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.236 -6.394 -4.505
T123=12.6 14.4 15.4
ALT/AZ=47.4 -67.0
fwAVG=4.16
sdW=252.2
fwW=4.21
sdS=19.8
fwS=4.25
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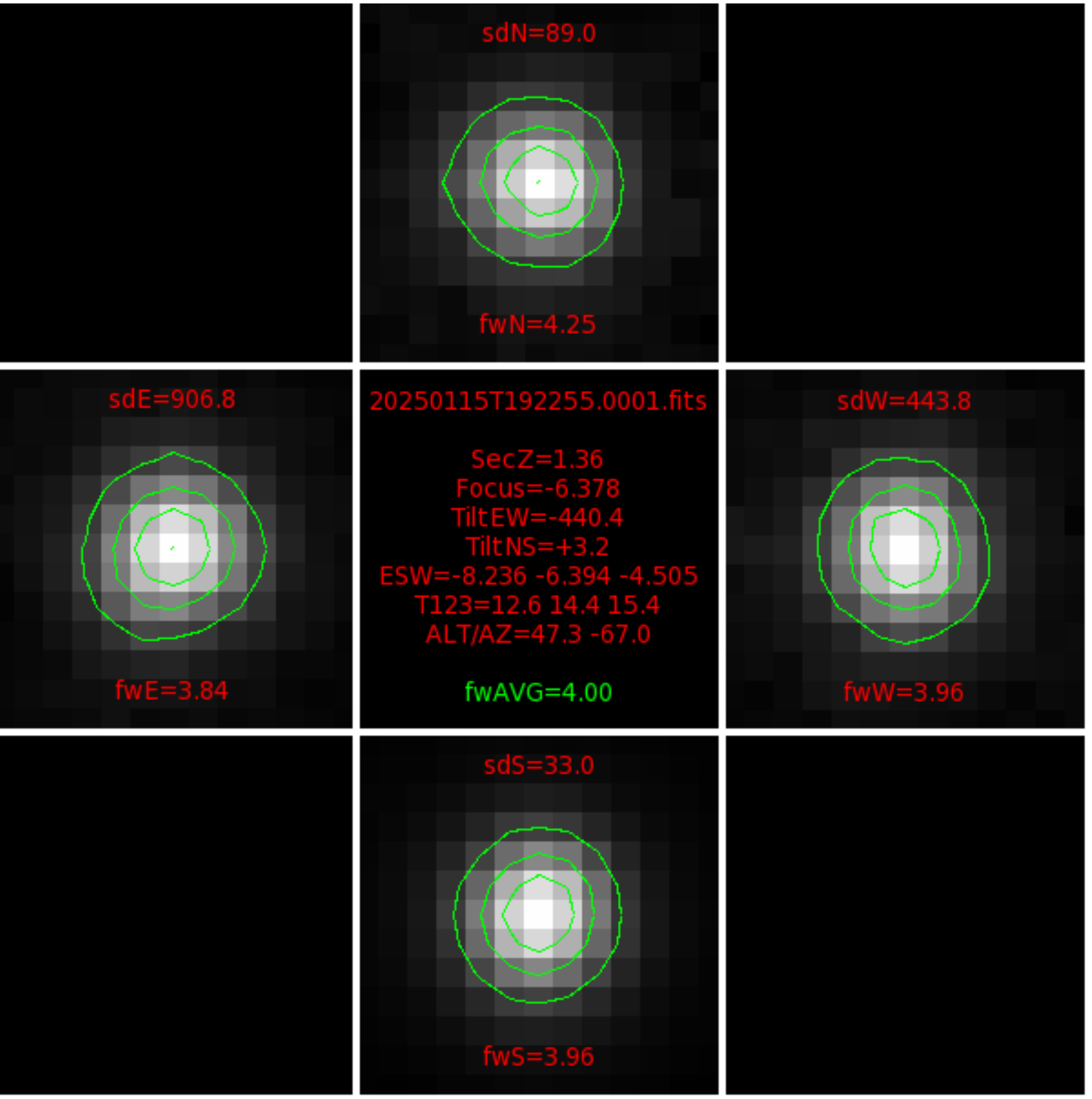
sdN=89.0
fwN=4.25
sdE=906.8
fwE=3.84
20250115T192255.0001.fits
SecZ=1.36
Focus=-6.378
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.236 -6.394 -4.505
T123=12.6 14.4 15.4
ALT/AZ=47.3 -67.0
fwAVG=4.00
sdW=443.8
fwW=3.96
sdS=33.0
fwS=3.96
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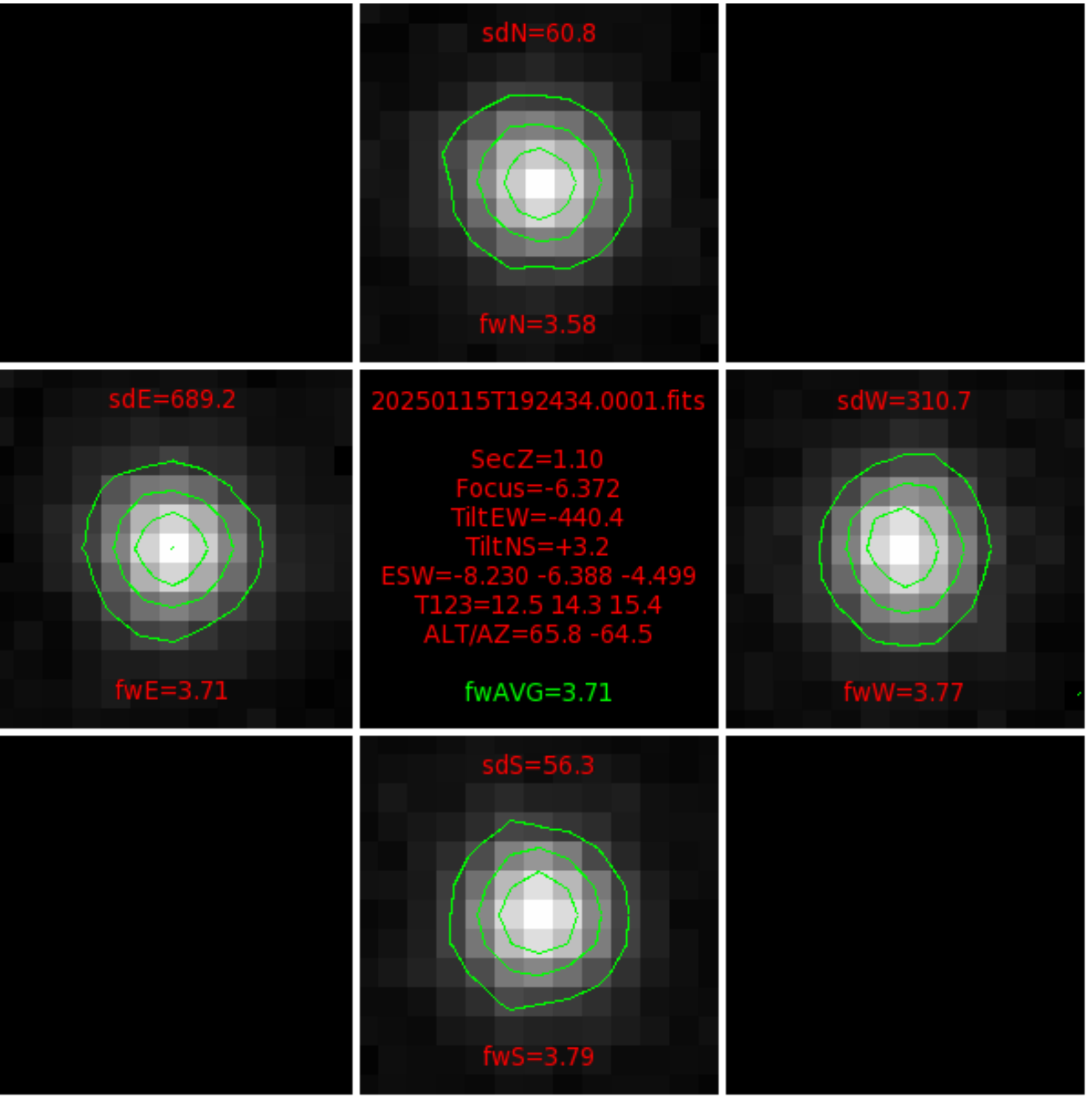
sdN=60.8
fwN=3.58
sdE=689.2
fwE=3.71
20250115T192434.0001.fits
SecZ=1.10
Focus=-6.372
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.230 -6.388 -4.499
T123=12.5 14.3 15.4
ALT/AZ=65.8 -64.5
fwAVG=3.71
sdW=310.7
fwW=3.77
sdS=56.3
fwS=3.79
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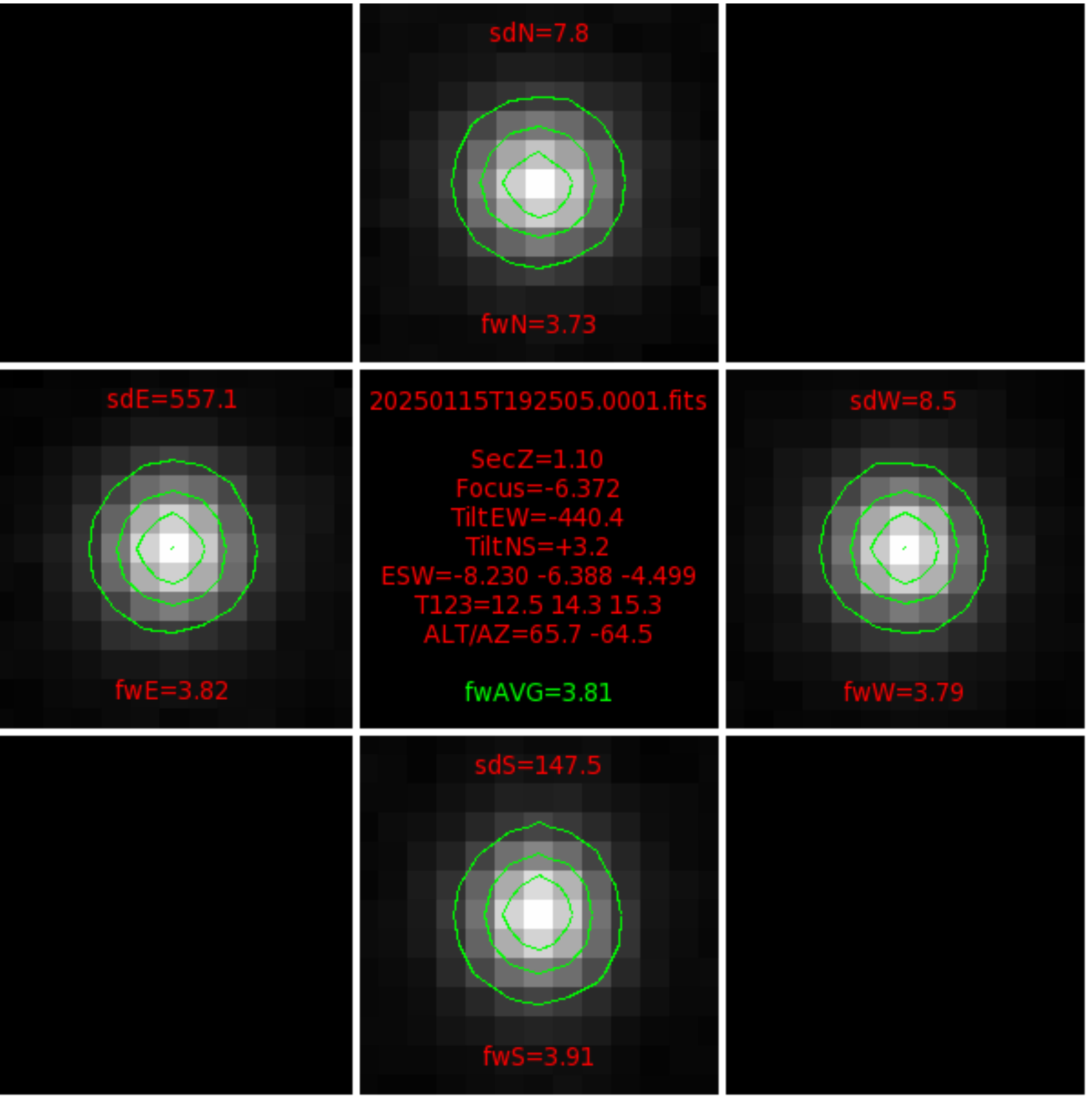
sdN=7.8
fwN=3.73
sdE=557.1
fwE=3.82
20250115T192505.0001.fits
SecZ=1.10
Focus=-6.372
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.230 -6.388 -4.499
T123=12.5 14.3 15.3
ALT/AZ=65.7 -64.5
fwAVG=3.81
sdW=8.5
fwW=3.79
sdS=147.5
fwS=3.91
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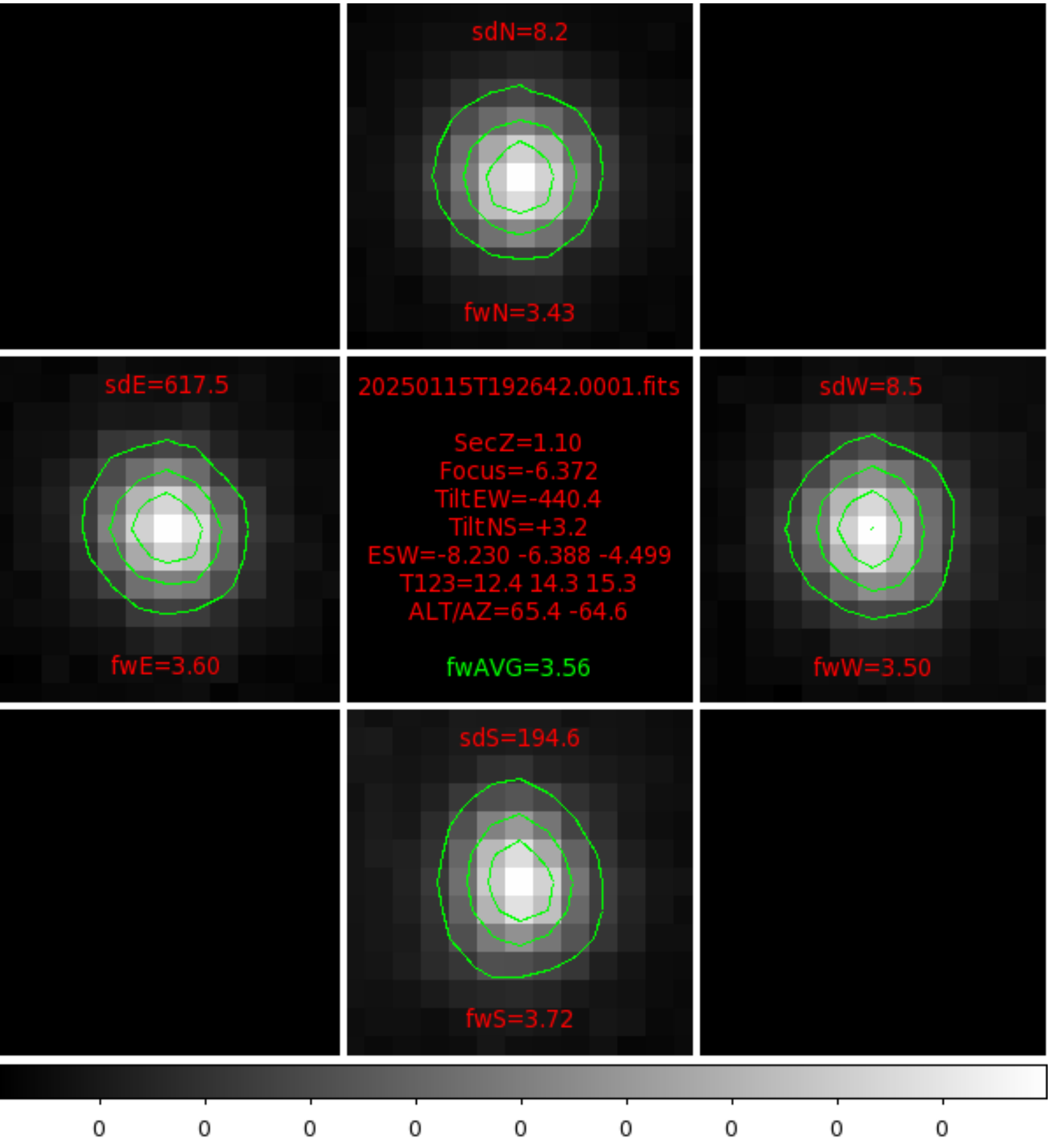
sdN=8.2
fwN=3.43
sdE=617.5
fwE=3.60
20250115T192642.0001.fits
SecZ=1.10
Focus=-6.372
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.230 -6.388 -4.499
T123=12.4 14.3 15.3
ALT/AZ=65.4 -64.6
fwAVG=3.56
sdW=8.5
fwW=3.50
sdS=194.6
fwS=3.72
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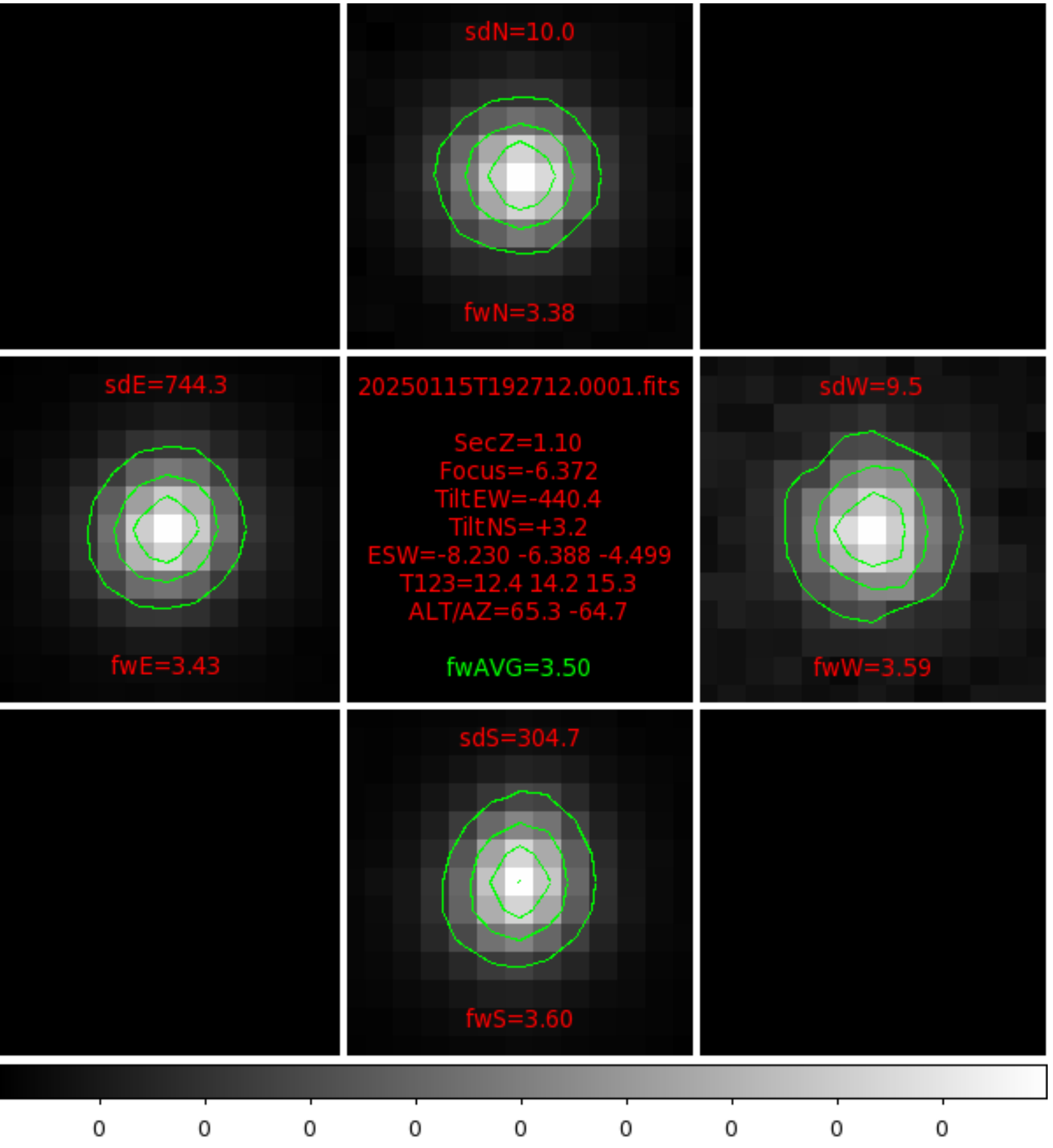
sdN=10.0
fwN=3.38
sdE=744.3
fwE=3.43
20250115T192712.0001.fits
SecZ=1.10
Focus=-6.372
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.230 -6.388 -4.499
T123=12.4 14.2 15.3
ALT/AZ=65.3 -64.7
fwAVG=3.50
sdW=9.5
fwW=3.59
sdS=304.7
fwS=3.60
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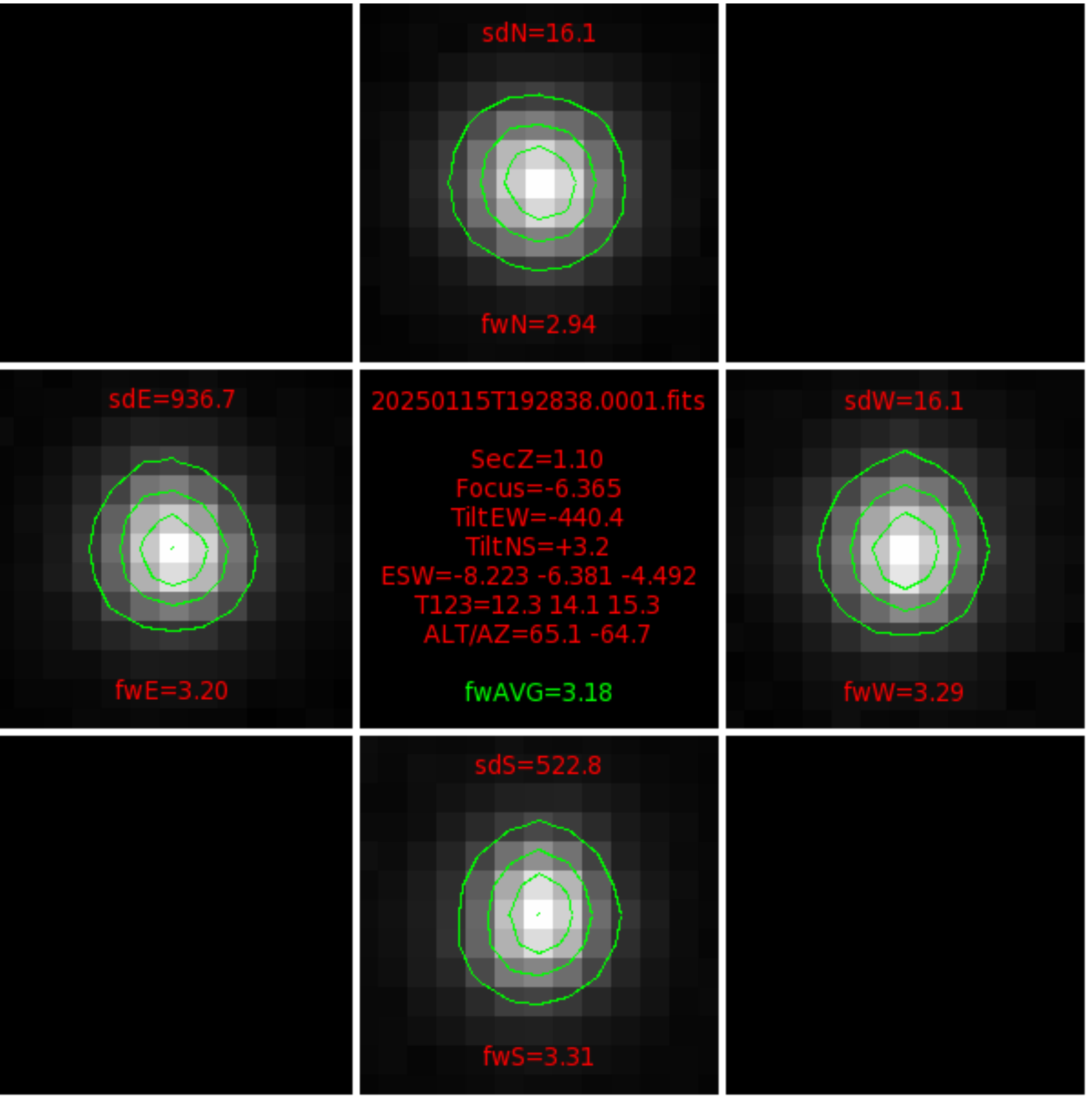
sdN=16.1
fwN=2.94
sdE=936.7
fwE=3.20
20250115T192838.0001.fits
SecZ=1.10
Focus=-6.365
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.223 -6.381 -4.492
T123=12.3 14.1 15.3
ALT/AZ=65.1 -64.7
fwAVG=3.18
sdW=16.1
fwW=3.29
sdS=522.8
fwS=3.31
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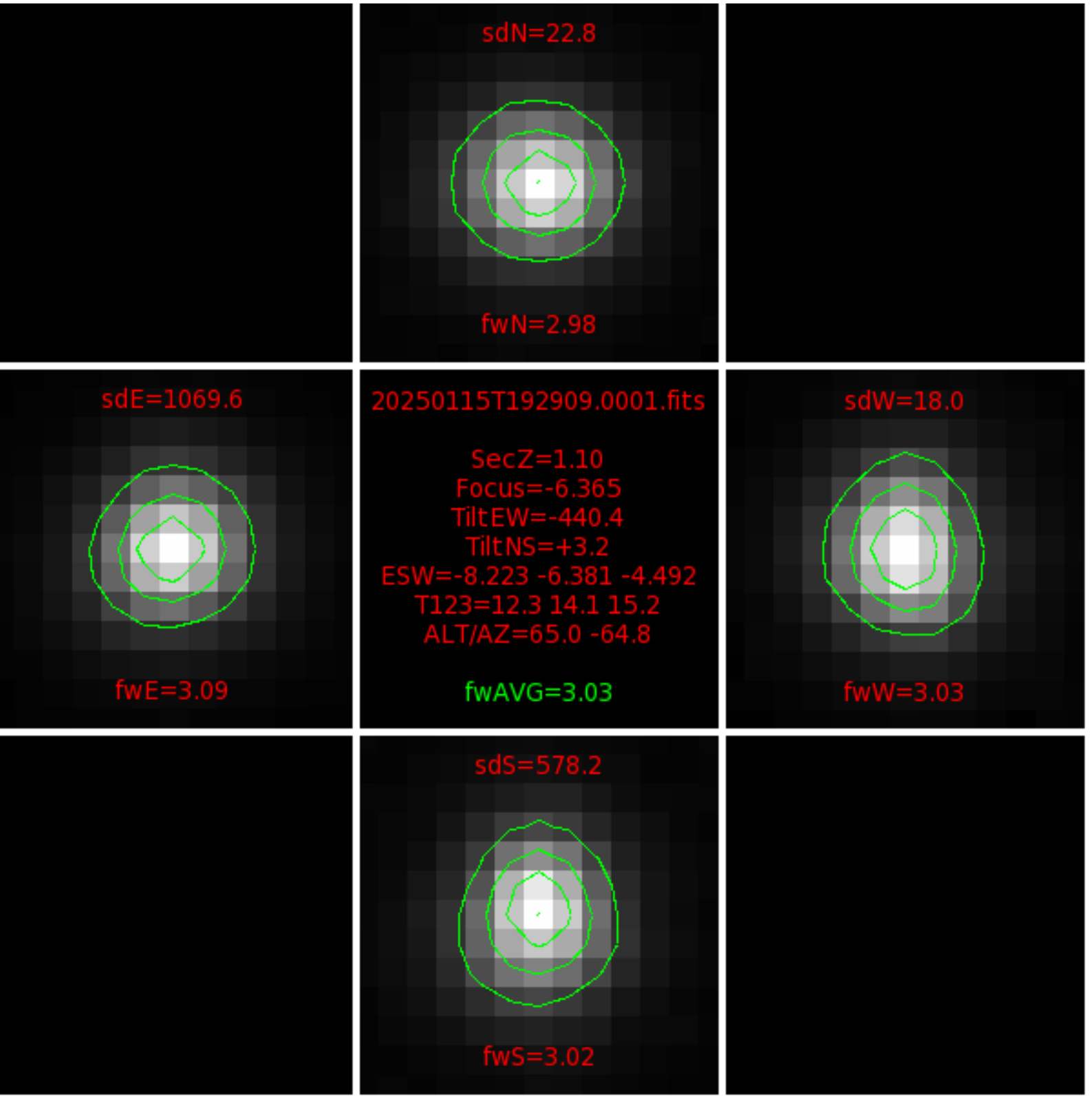
sdN=22.8
fwN=2.98
sdE=1069.6
fwE=3.09
20250115T192909.0001.fits
SecZ=1.10
Focus=-6.365
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.223 -6.381 -4.492
T123=12.3 14.1 15.2
ALT/AZ=65.0 -64.8
fwAVG=3.03
sdW=18.0
fwW=3.03
sdS=578.2
fwS=3.02
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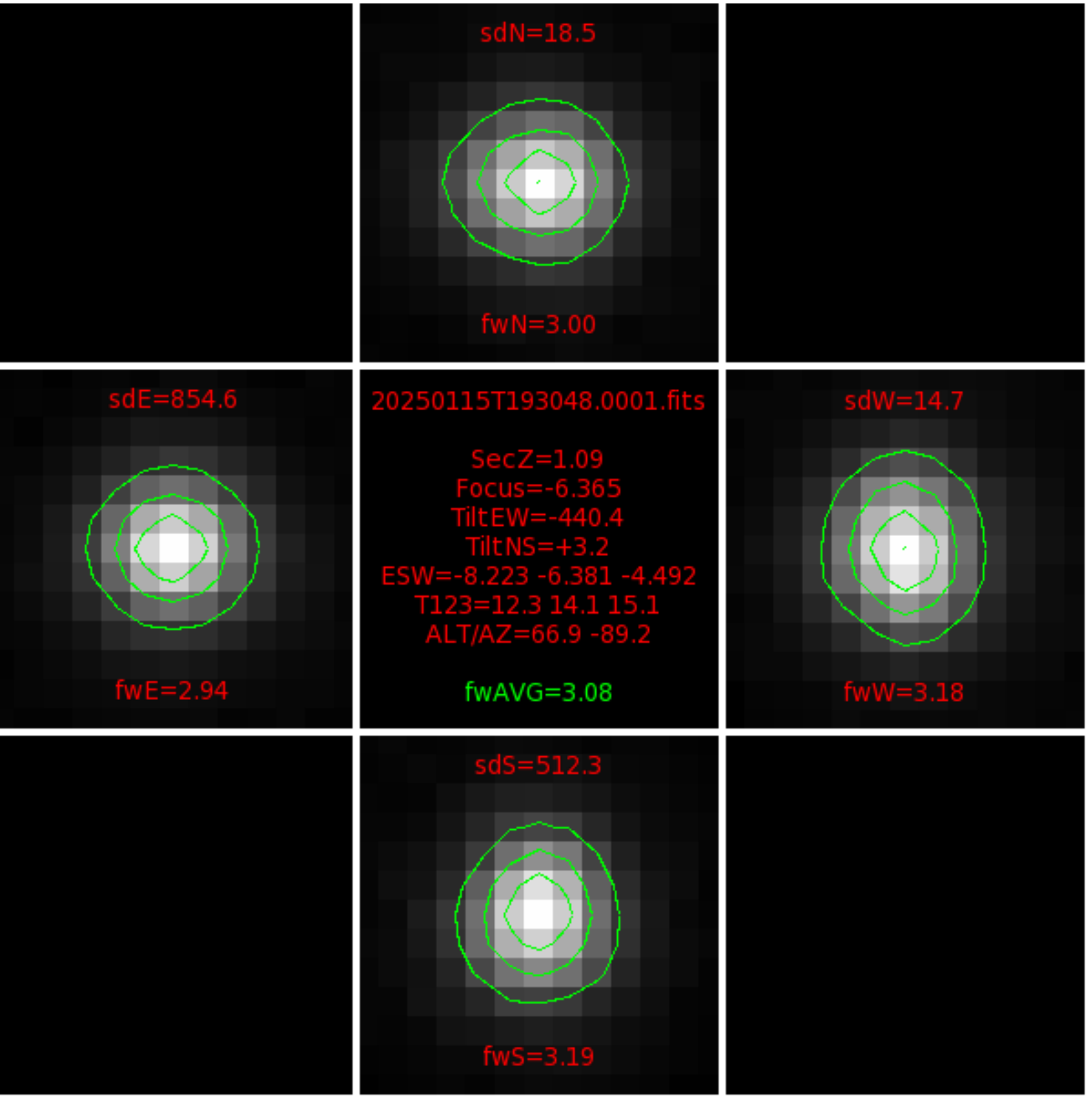
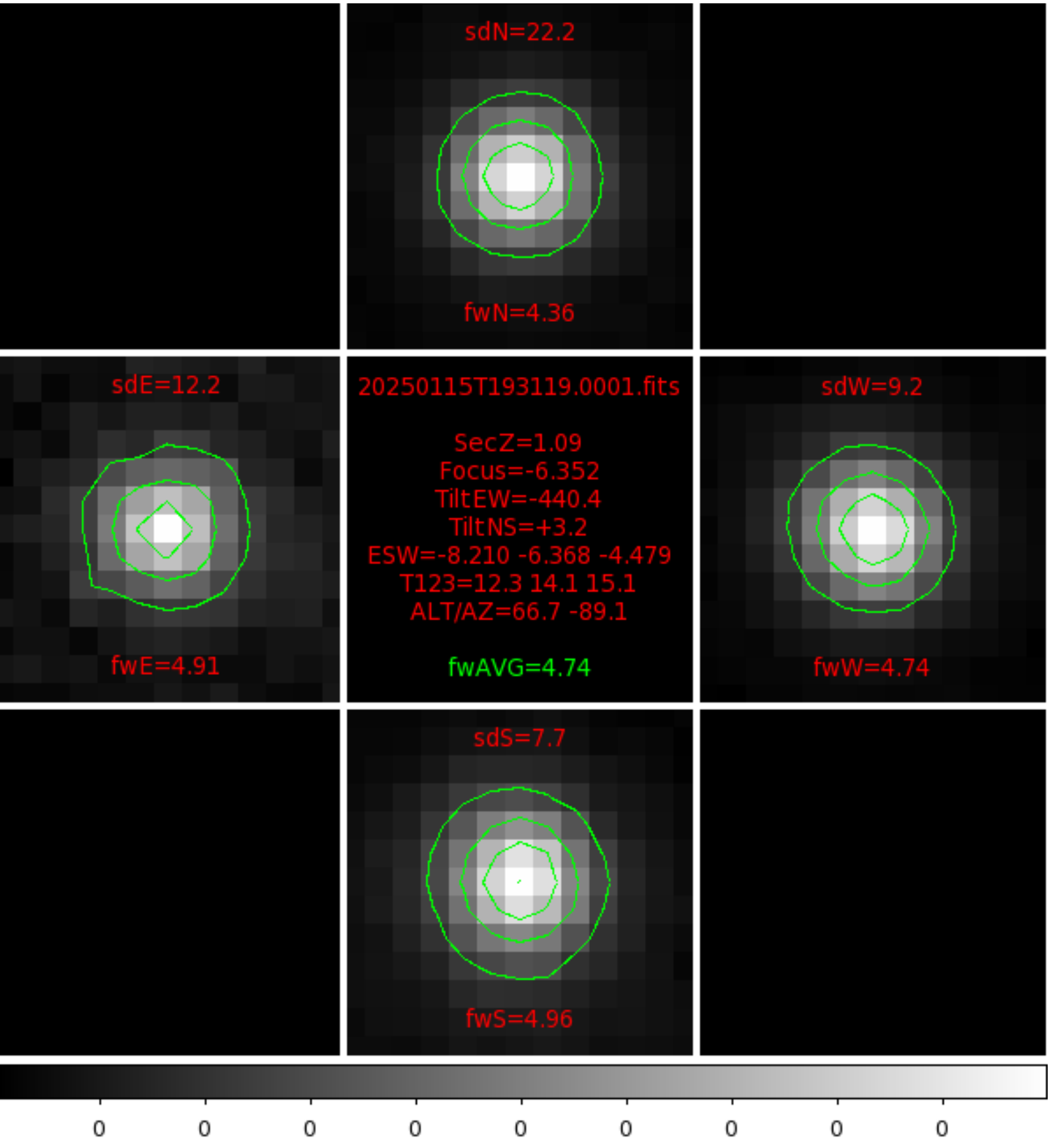

sdN=18.5
fwN=3.00
sdE=854.6
fwE=2.94
20250115T193048.0001.fits
SecZ=1.09
Focus=-6.365
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.223 -6.381 -4.492
T123=12.3 14.1 15.1
ALT/AZ=66.9 -89.2
fwAVG=3.08
sdW=14.7
fwW=3.18
sdS=512.3
fwS=3.19
0 0 0 0 0 0 0 0 0


sdN=22.2
fwN=4.36
sdE=12.2
fwE=4.91
20250115T193119.0001.fits
SecZ=1.09
Focus=-6.352
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.210 -6.368 -4.479
T123=12.3 14.1 15.1
ALT/AZ=66.7 -89.1
fwAVG=4.74
sdW=9.2
fwW=4.74
sdS=7.7
fwS=4.96
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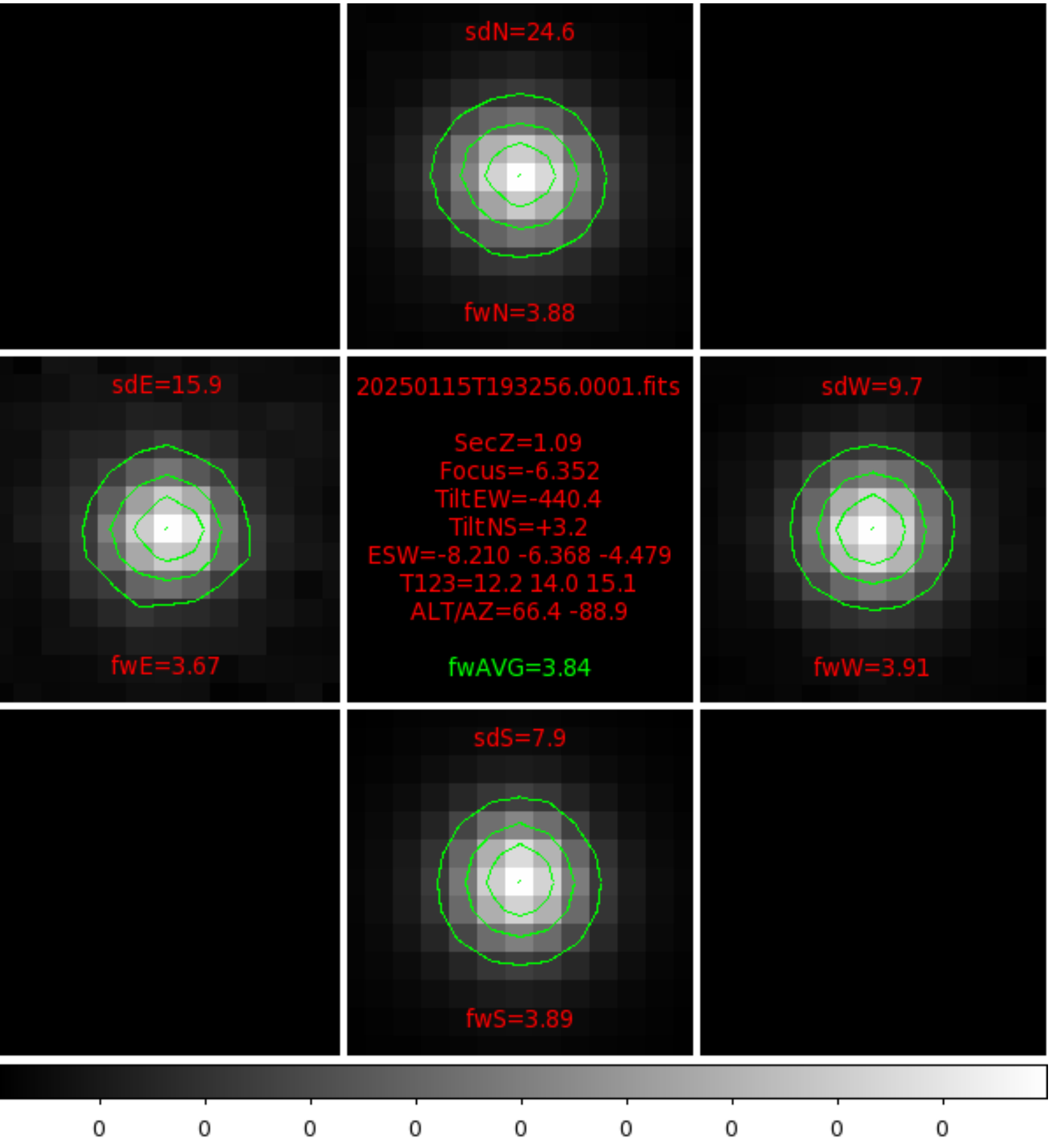
sdN=24.6
fwN=3.88
sdE=15.9
fwE=3.67
20250115T193256.0001.fits
SecZ=1.09
Focus=-6.352
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.210 -6.368 -4.479
T123=12.2 14.0 15.1
ALT/AZ=66.4 -88.9
fwAVG=3.84
sdW=9.7
fwW=3.91
sdS=7.9
fwS=3.89
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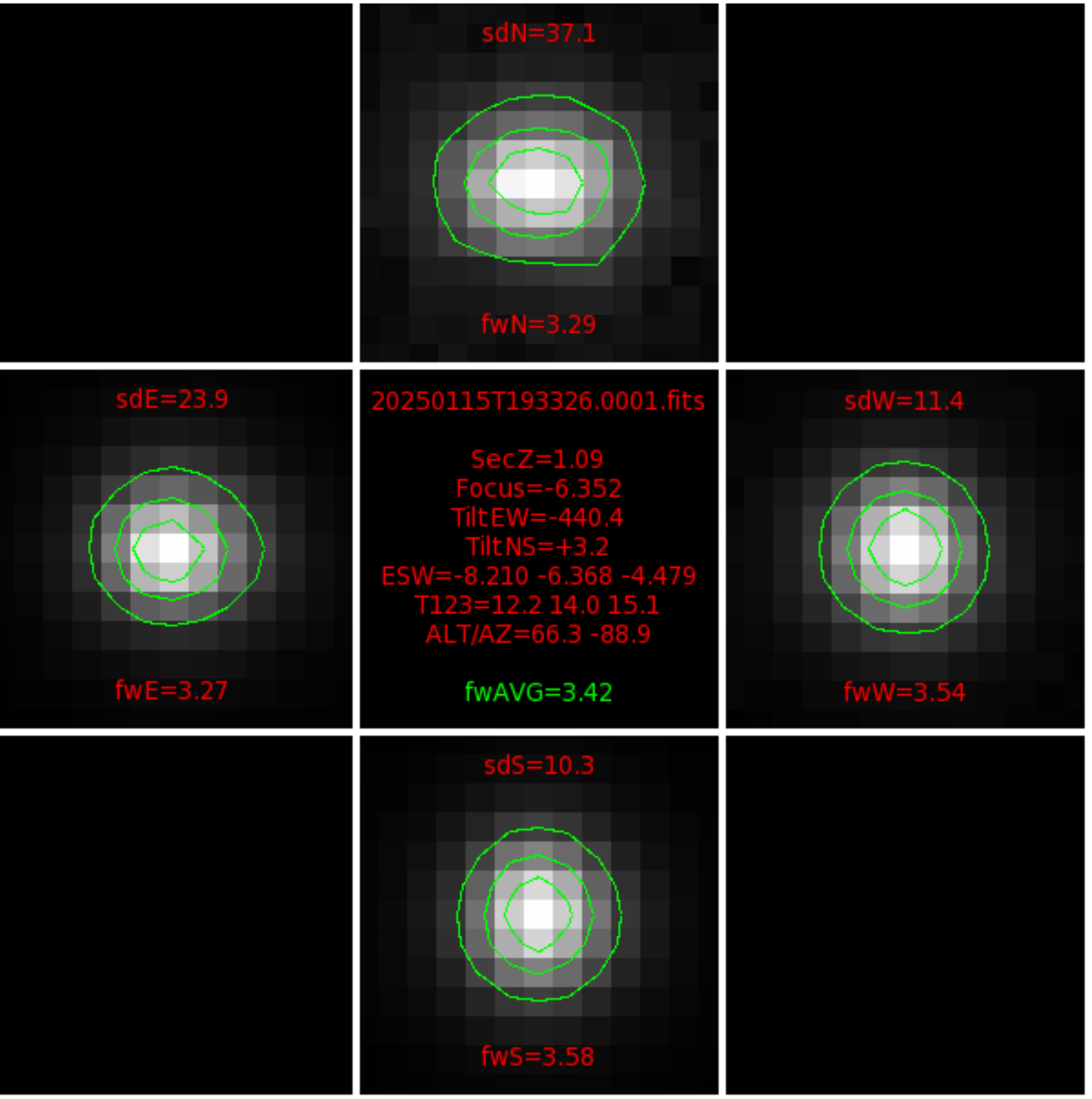
sdN=37.1
fwN=3.29
sdE=23.9
fwE=3.27
20250115T193326.0001.fits
SecZ=1.09
Focus=-6.352
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.210 -6.368 -4.479
T123=12.2 14.0 15.1
ALT/AZ=66.3 -88.9
fwAVG=3.42
sdW=11.4
fwW=3.54
sdS=10.3
fwS=3.58
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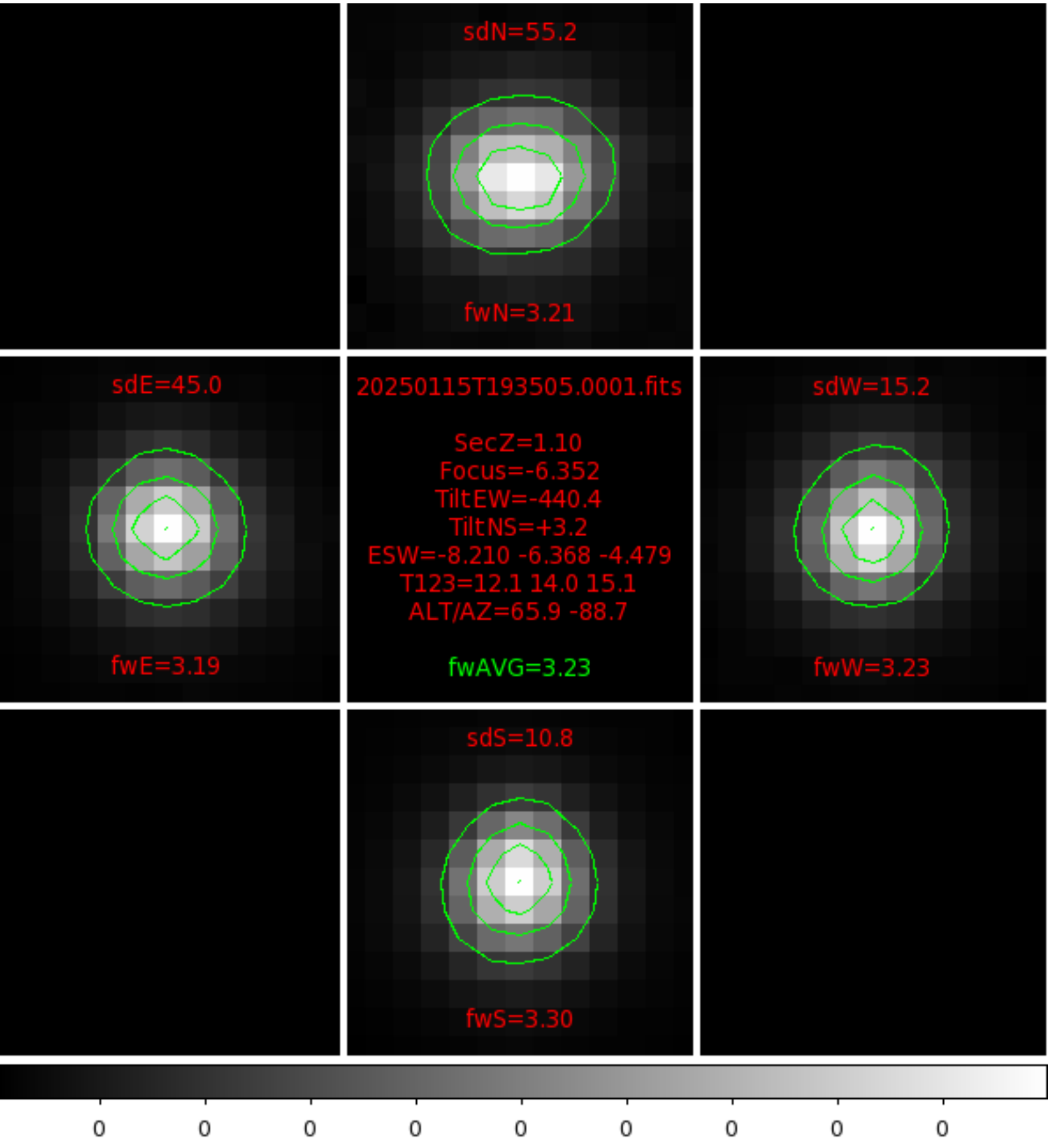
sdN=55.2
fwN=3.21
sdE=45.0
fwE=3.19
20250115T193505.0001.fits
SecZ=1.10
Focus=-6.352
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.210 -6.368 -4.479
T123=12.1 14.0 15.1
ALT/AZ=65.9 -88.7
fwAVG=3.23
sdW=15.2
fwW=3.23
sdS=10.8
fwS=3.30
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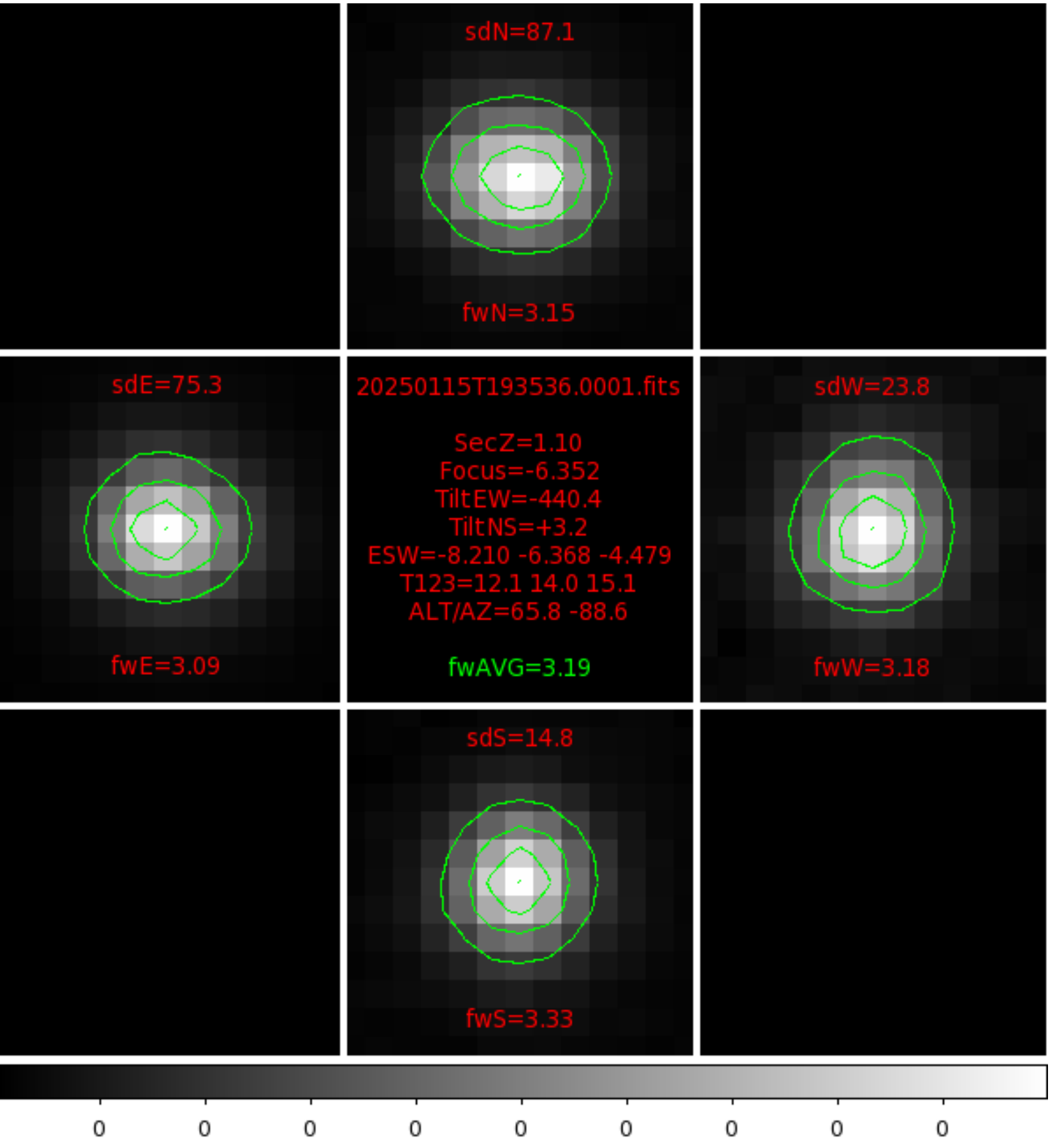
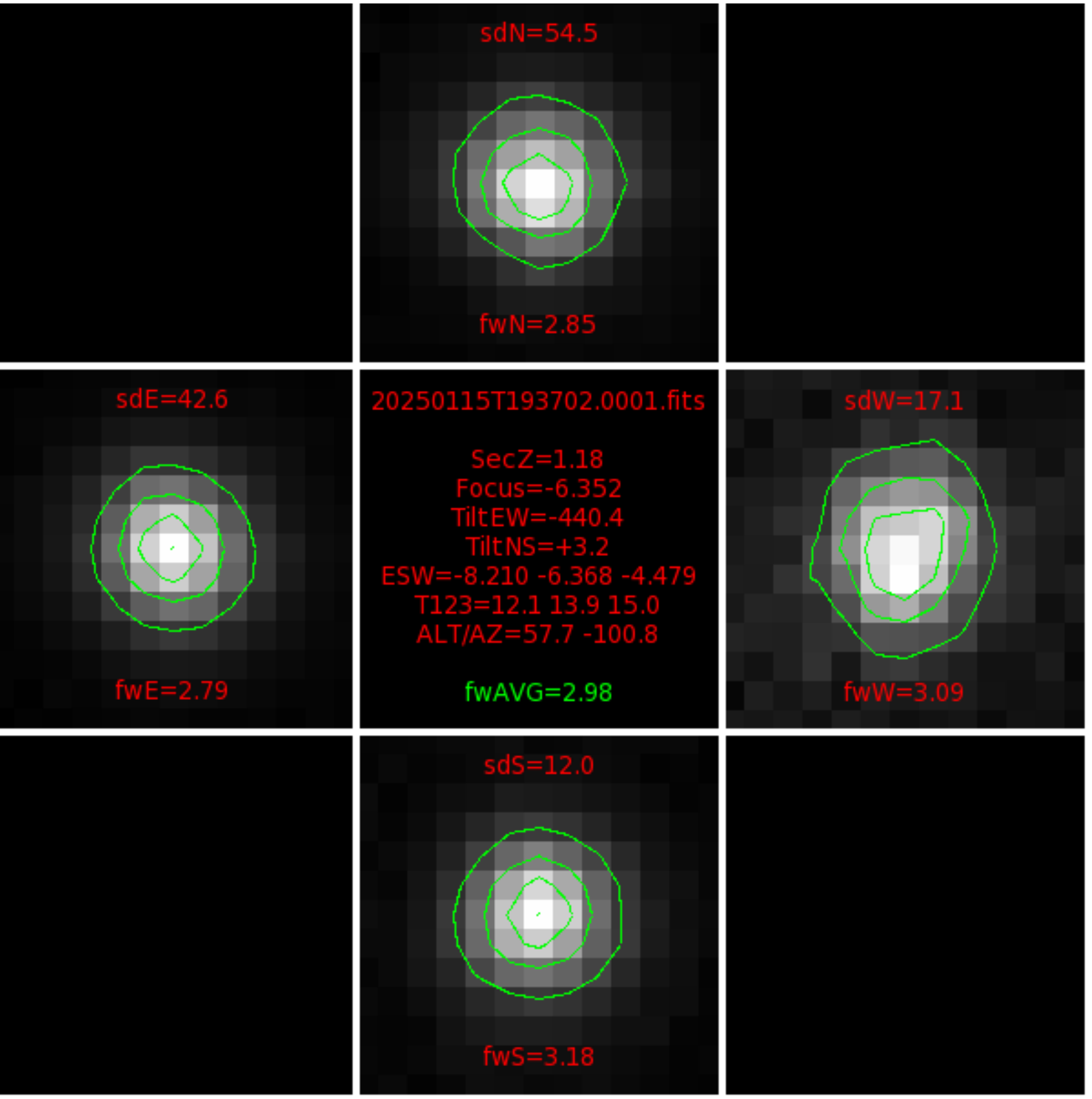

sdN=87.1
fwN=3.15
sdE=75.3
fwE=3.09
20250115T193536.0001.fits
SecZ=1.10
Focus=-6.352
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.210 -6.368 -4.479
T123=12.1 14.0 15.1
ALT/AZ=65.8 -88.6
fwAVG=3.19
sdW=23.8
fwW=3.18
sdS=14.8
fwS=3.33
0 0 0 0 0 0 0 0 0


sdN=54.5
fwN=2.85
sdE=42.6
fwE=2.79
20250115T193702.0001.fits
SecZ=1.18
Focus=-6.352
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.210 -6.368 -4.479
T123=12.1 13.9 15.0
ALT/AZ=57.7 -100.8
fwAVG=2.98
sdW=17.1
fwW=3.09
sdS=12.0
fwS=3.18
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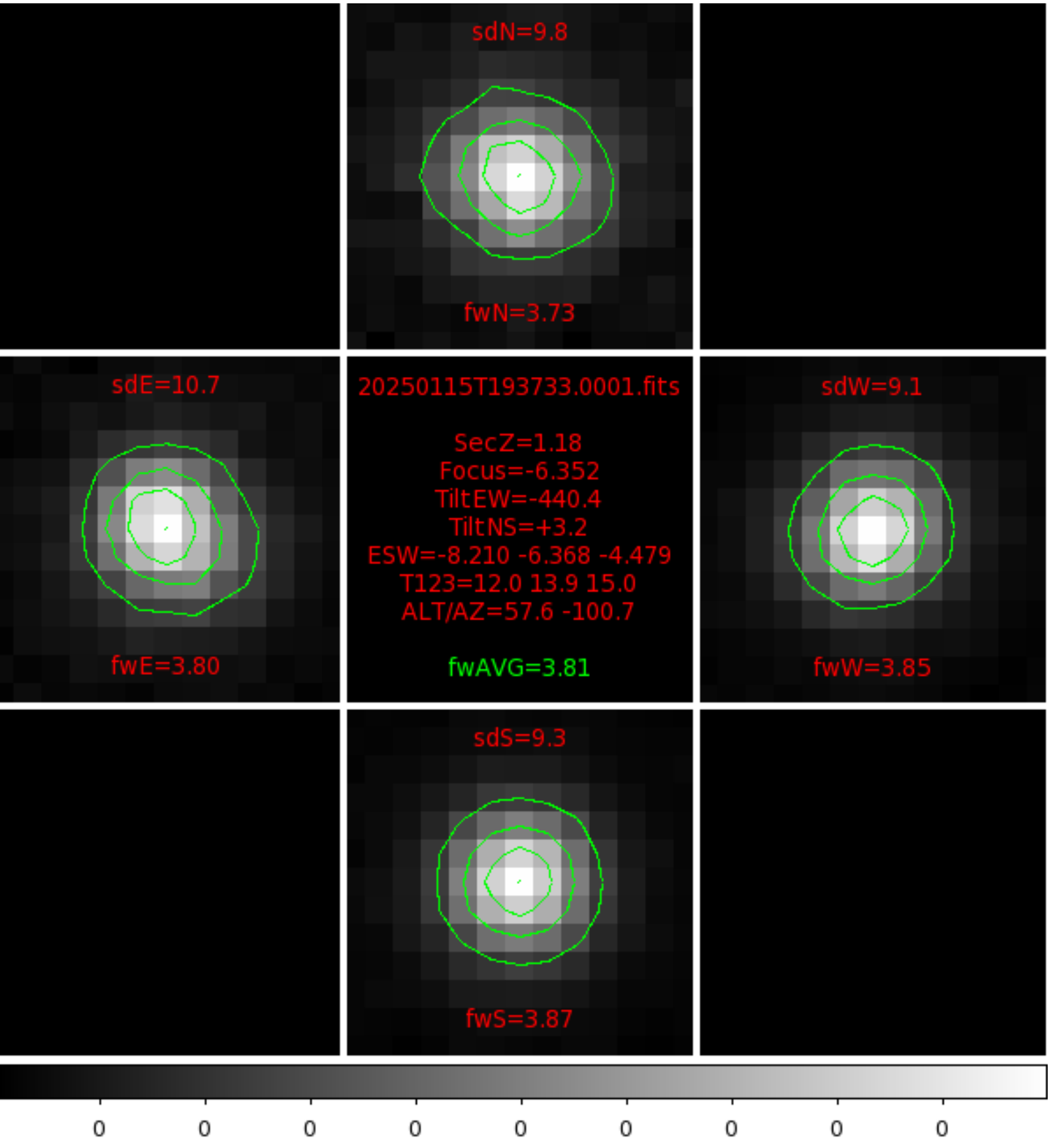
sdN=9.8
fwN=3.73
sdE=10.7
fwE=3.80
20250115T193733.0001.fits
SecZ=1.18
Focus=-6.352
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.210 -6.368 -4.479
T123=12.0 13.9 15.0
ALT/AZ=57.6 -100.7
fwAVG=3.81
sdW=9.1
fwW=3.85
sdS=9.3
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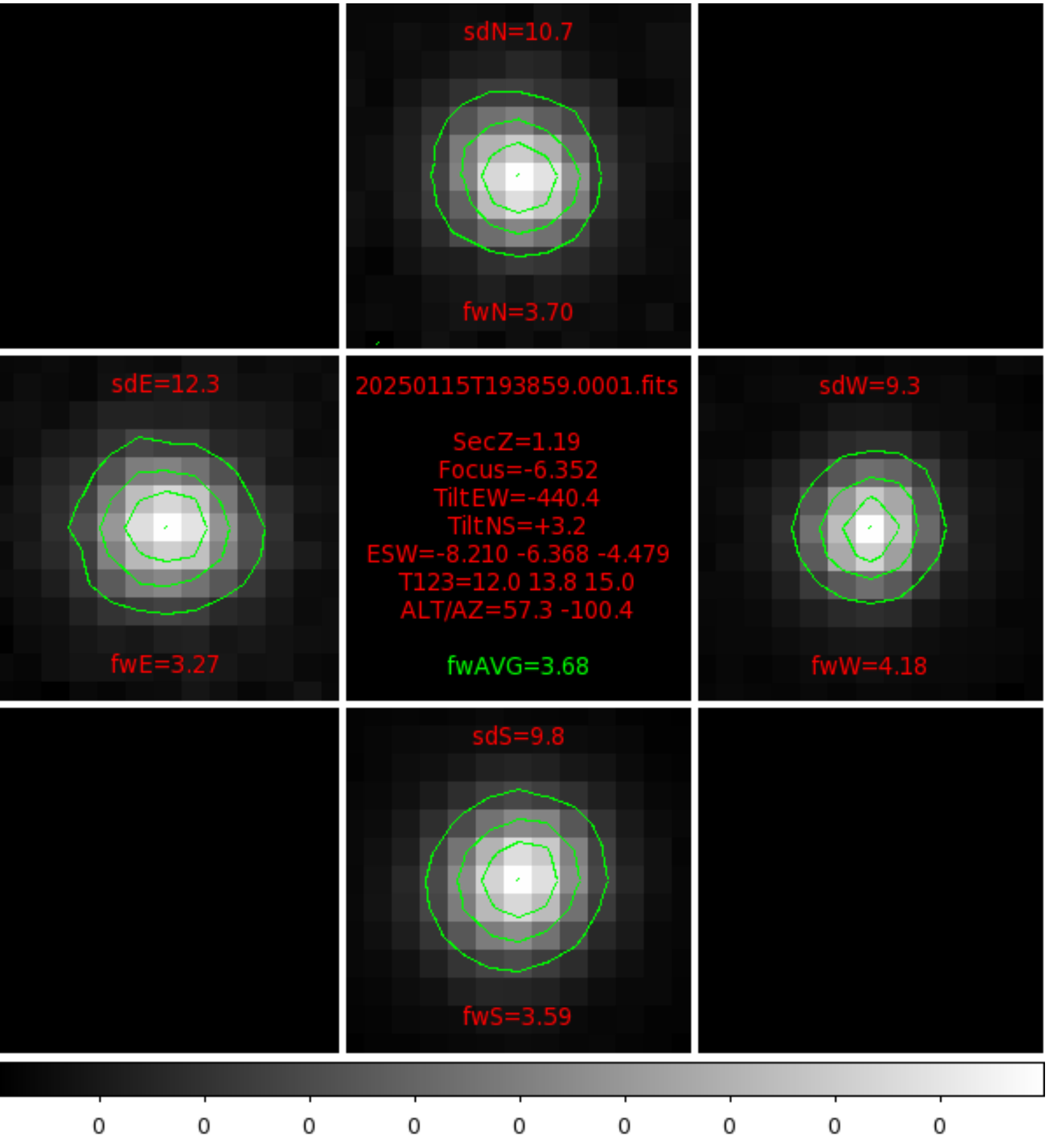
sdN=10.7
fwN=3.70
sdE=12.3
fwE=3.27
20250115T193859.0001.fits
SecZ=1.19
Focus=-6.352
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.210 -6.368 -4.479
T123=12.0 13.8 15.0
ALT/AZ=57.3 -100.4
fwAVG=3.68
sdW=9.3
fwW=4.18
sdS=9.8
fwS=3.59
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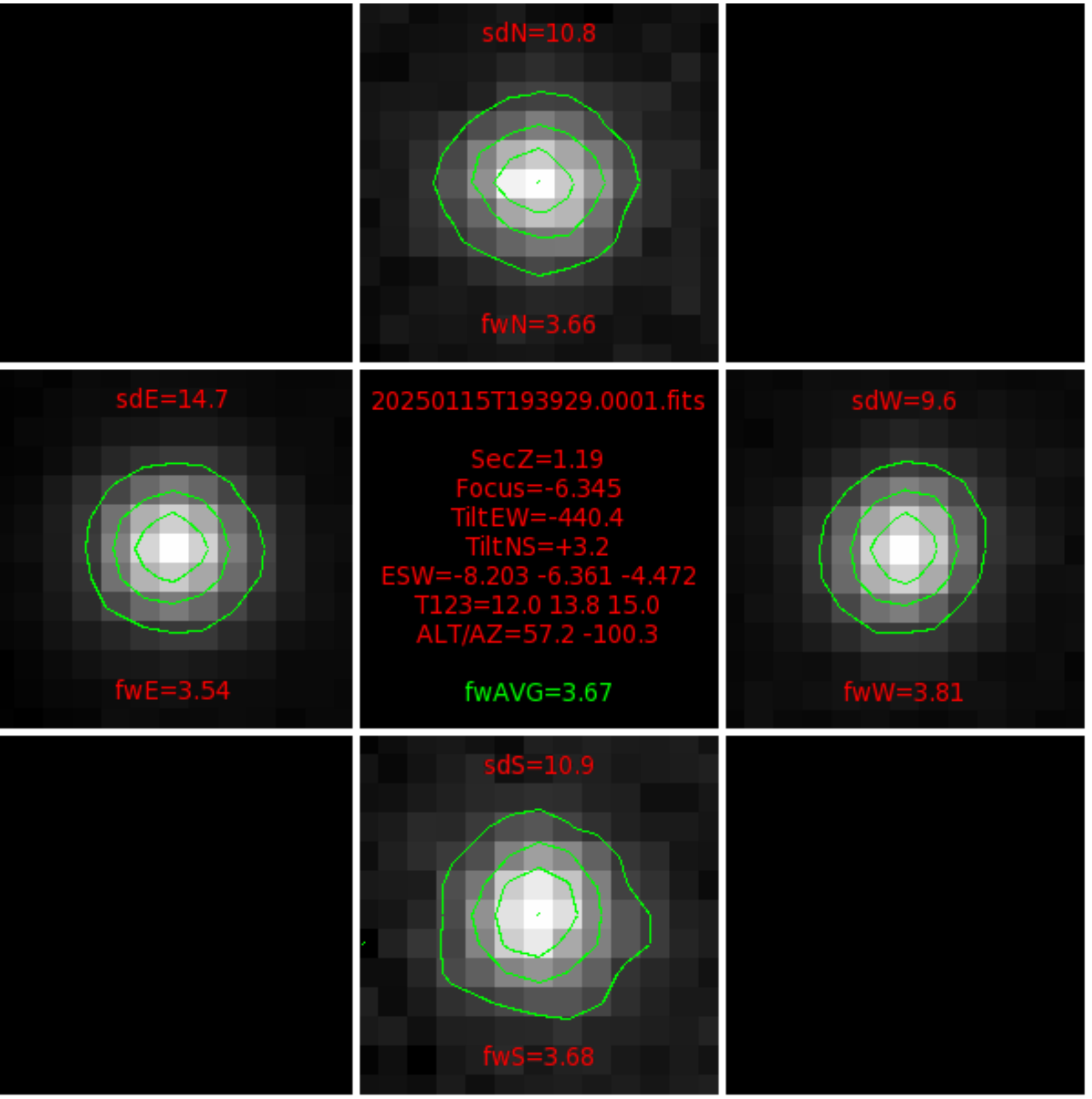
sdN=10.8
fwN=3.66
sdE=14.7
fwE=3.54
20250115T193929.0001.fits
SecZ=1.19
Focus=-6.345
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.203 -6.361 -4.472
T123=12.0 13.8 15.0
ALT/AZ=57.2 -100.3
fwAVG=3.67
sdW=9.6
fwW=3.81
sdS=10.9
fwS=3.68
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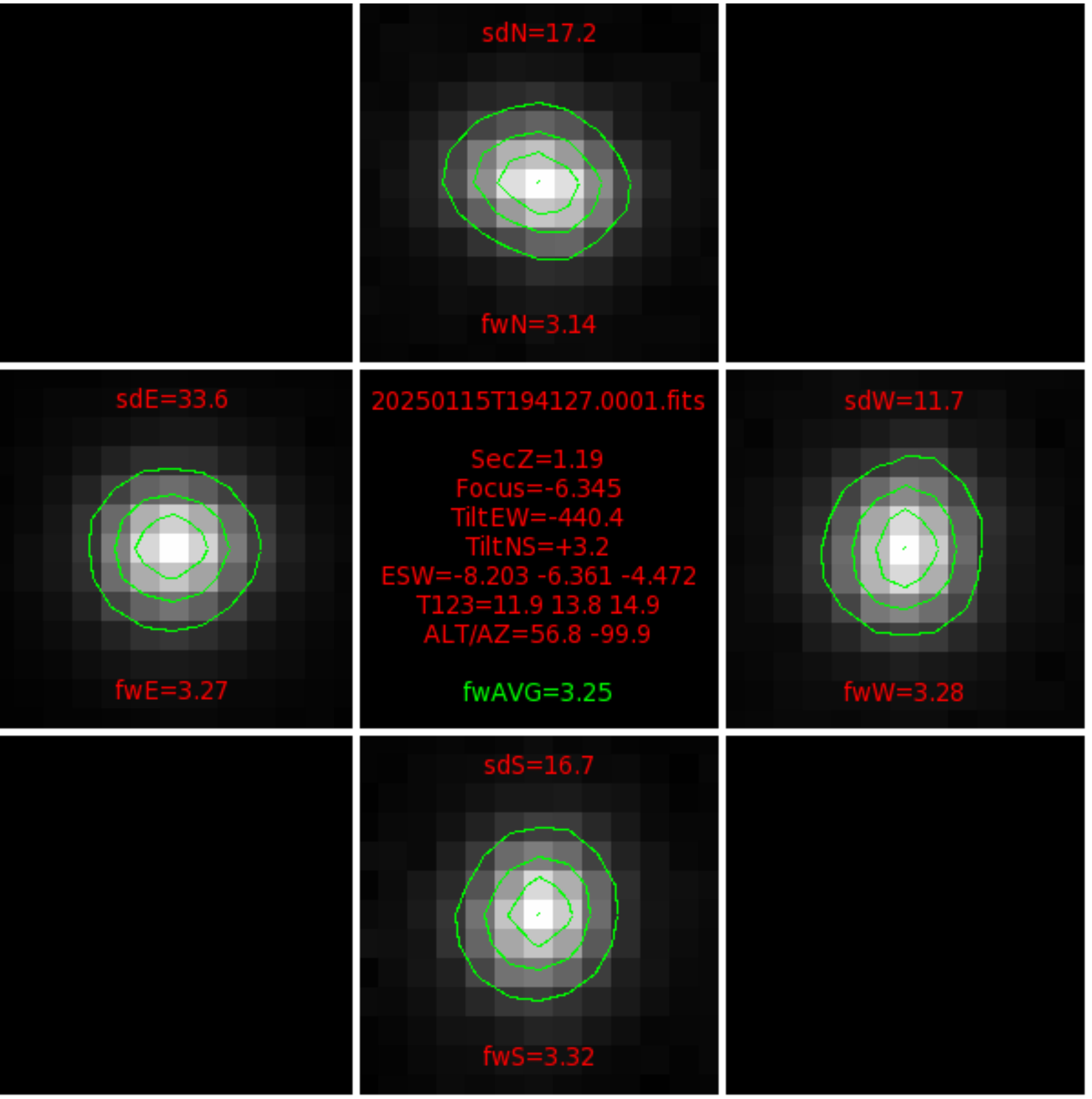
sdN=17.2
fwN=3.14
sdE=33.6
fwE=3.27
20250115T194127.0001.fits
SecZ=1.19
Focus=-6.345
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.203 -6.361 -4.472
T123=11.9 13.8 14.9
ALT/AZ=56.8 -99.9
fwAVG=3.25
sdW=11.7
fwW=3.28
sdS=16.7
fwS=3.32
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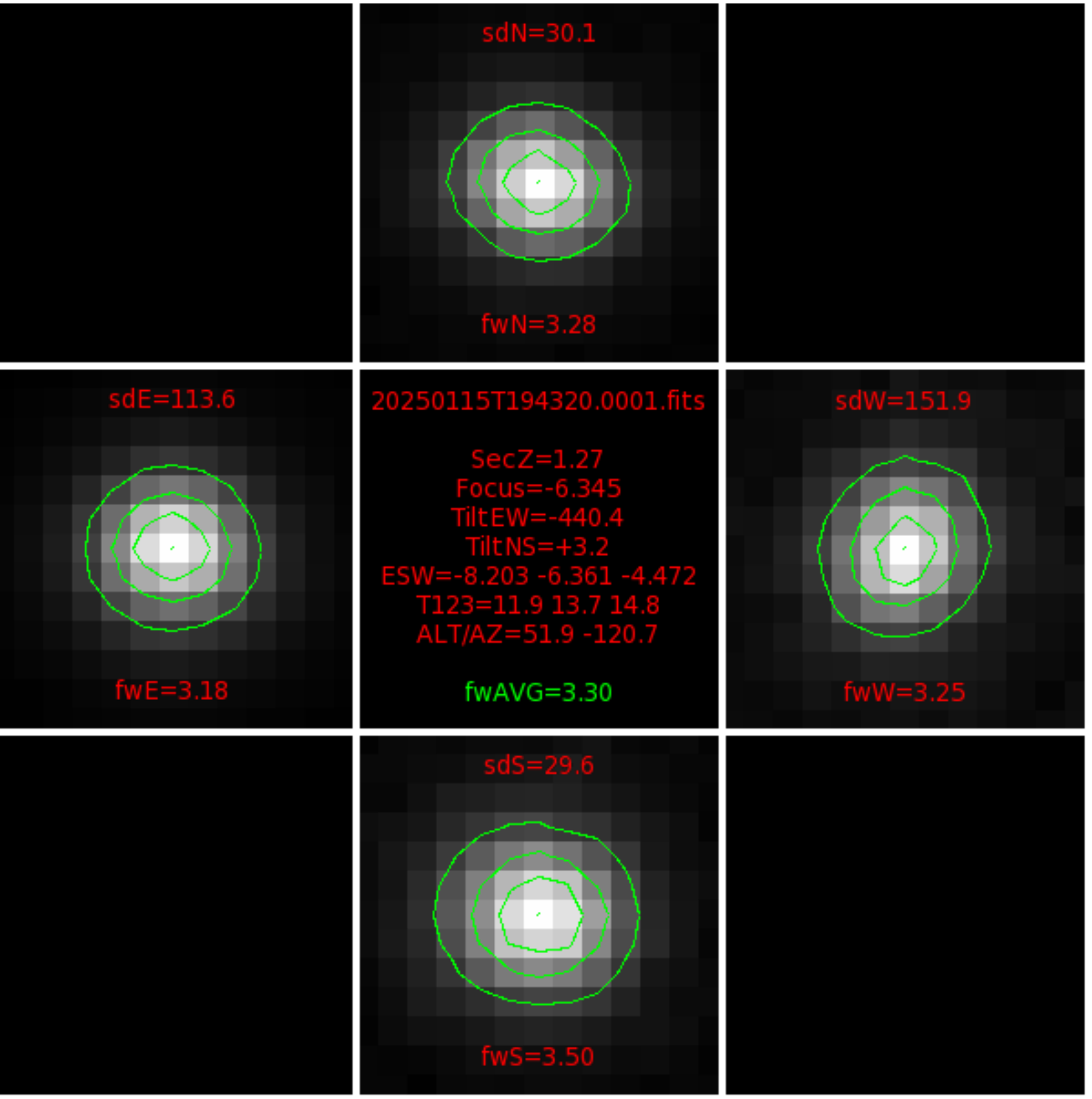
sdN=30.1
fwN=3.28
sdE=113.6
fwE=3.18
20250115T194320.0001.fits
SecZ=1.27
Focus=-6.345
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.203 -6.361 -4.472
T123=11.9 13.7 14.8
ALT/AZ=51.9 -120.7
fwAVG=3.30
sdW=151.9
fwW=3.25
sdS=29.6
fwS=3.50
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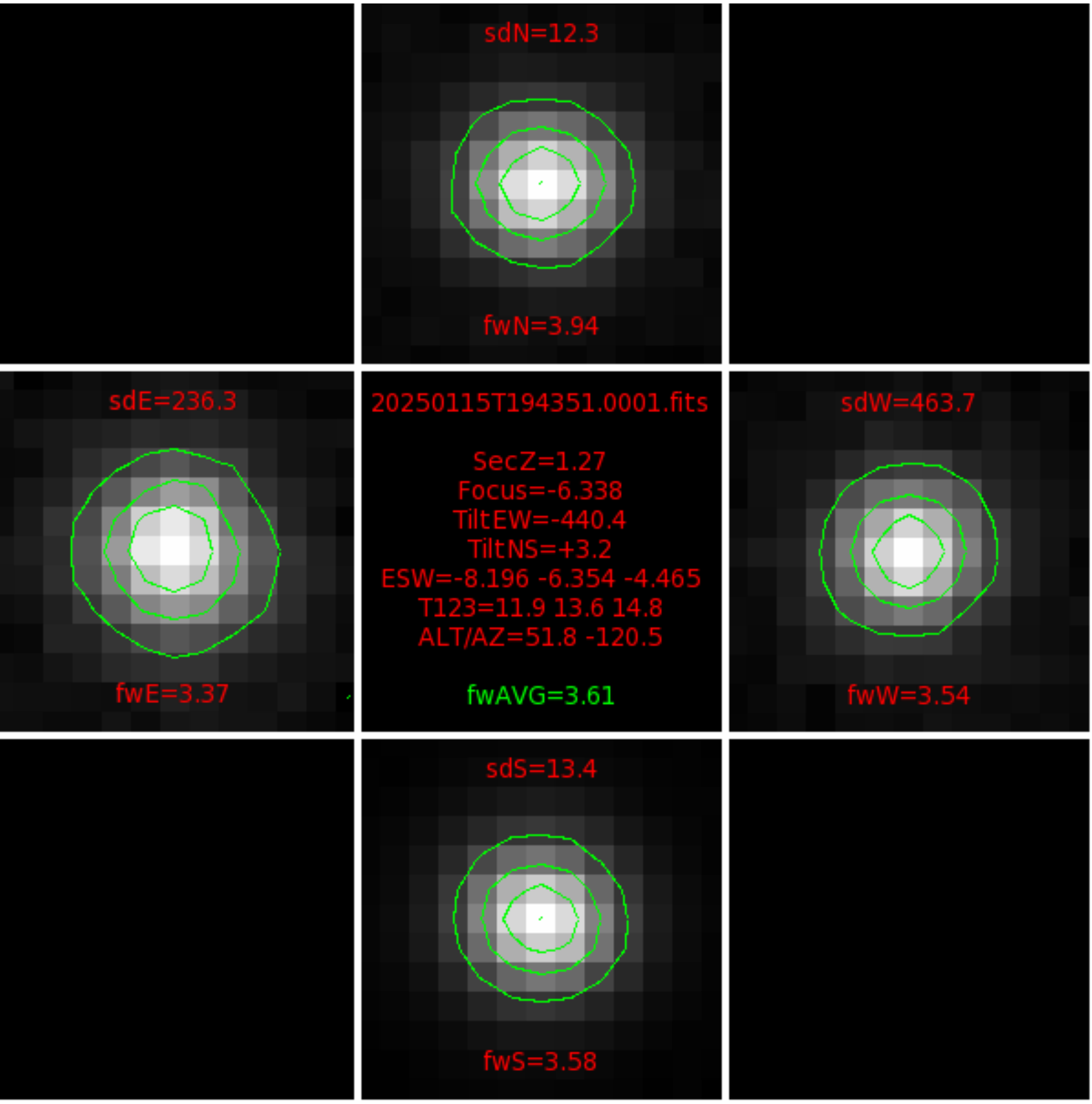
sdN=12.3
fwN=3.94
sdE=236.3
fwE=3.37
20250115T194351.0001.fits
SecZ=1.27
Focus=-6.338
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.196 -6.354 -4.465
T123=11.9 13.6 14.8
ALT/AZ=51.8 -120.5
fwAVG=3.61
sdW=463.7
fwW=3.54
sdS=13.4
fwS=3.58
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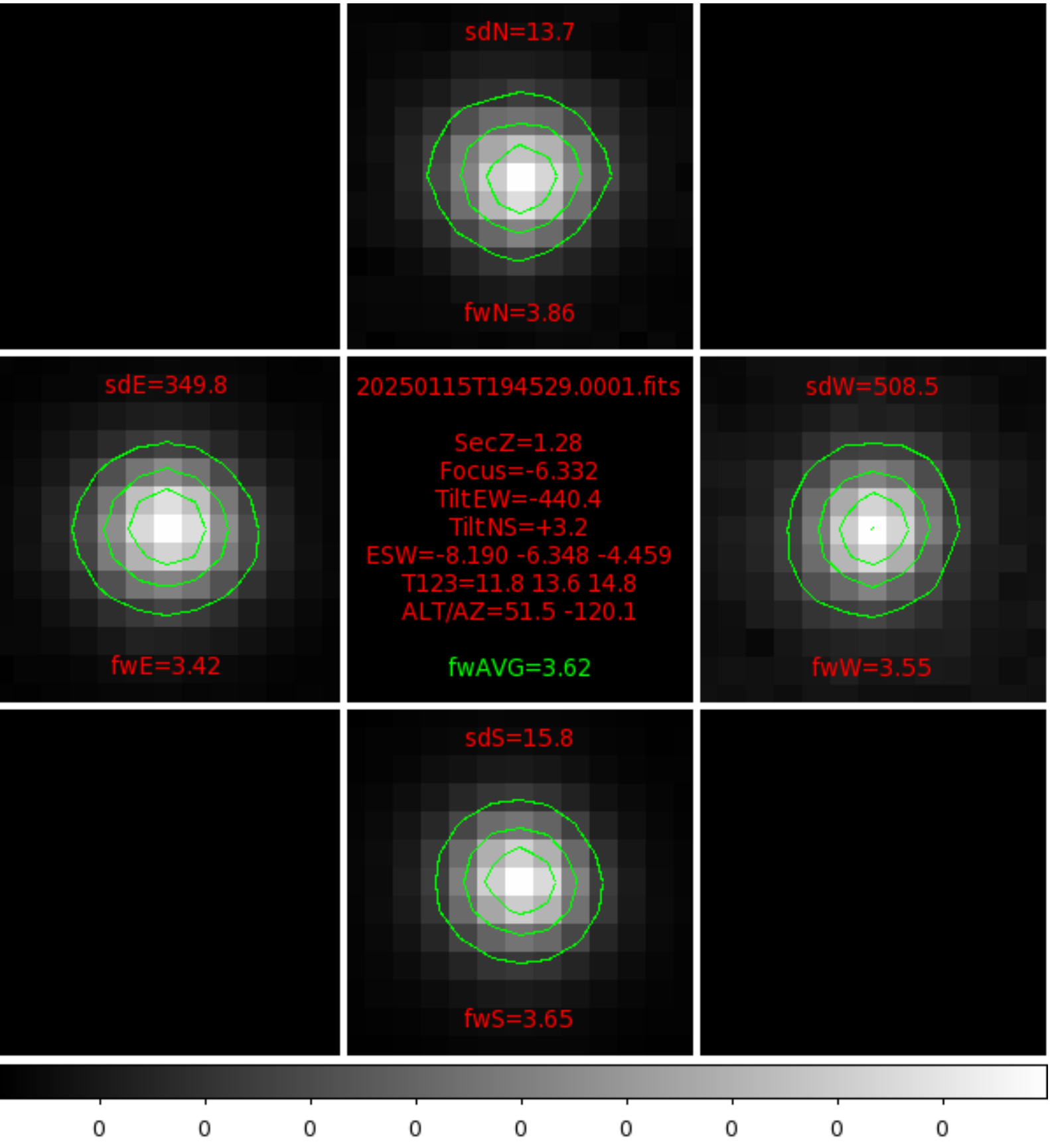
sdN=13.7
fwN=3.86
sdE=349.8
fwE=3.42
20250115T194529.0001.fits
SecZ=1.28
Focus=-6.332
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.190 -6.348 -4.459
T123=11.8 13.6 14.8
ALT/AZ=51.5 -120.1
fwAVG=3.62
sdW=508.5
fwW=3.55
sdS=15.8
fwS=3.65
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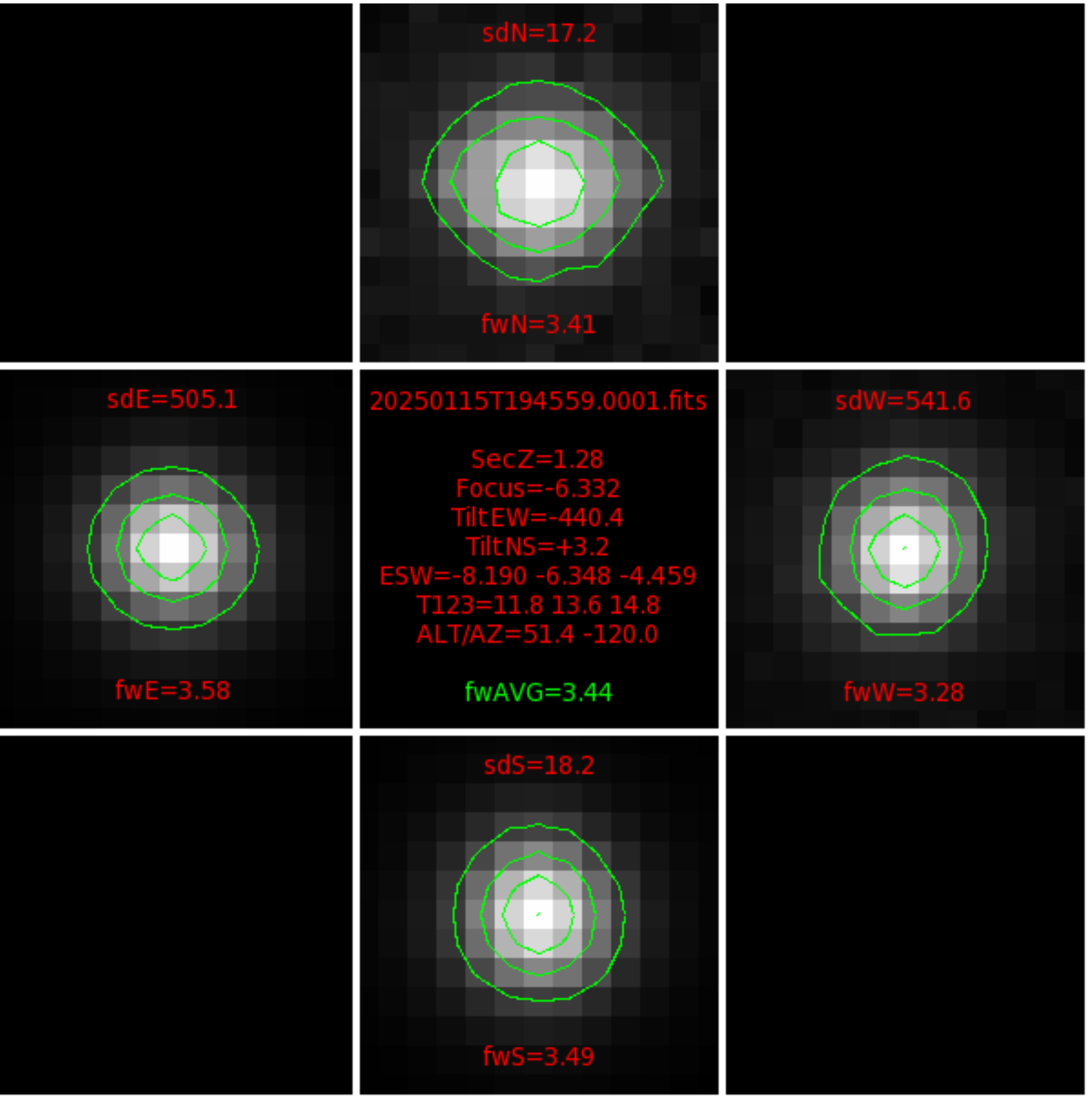
sdN=17.2
fwN=3.41
sdE=505.1
fwE=3.58
20250115T194559.0001.fits
SecZ=1.28
Focus=-6.332
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.190 -6.348 -4.459
T123=11.8 13.6 14.8
ALT/AZ=51.4 -120.0
fwAVG=3.44
sdW=541.6
fwW=3.28
sdS=18.2
fwS=3.49
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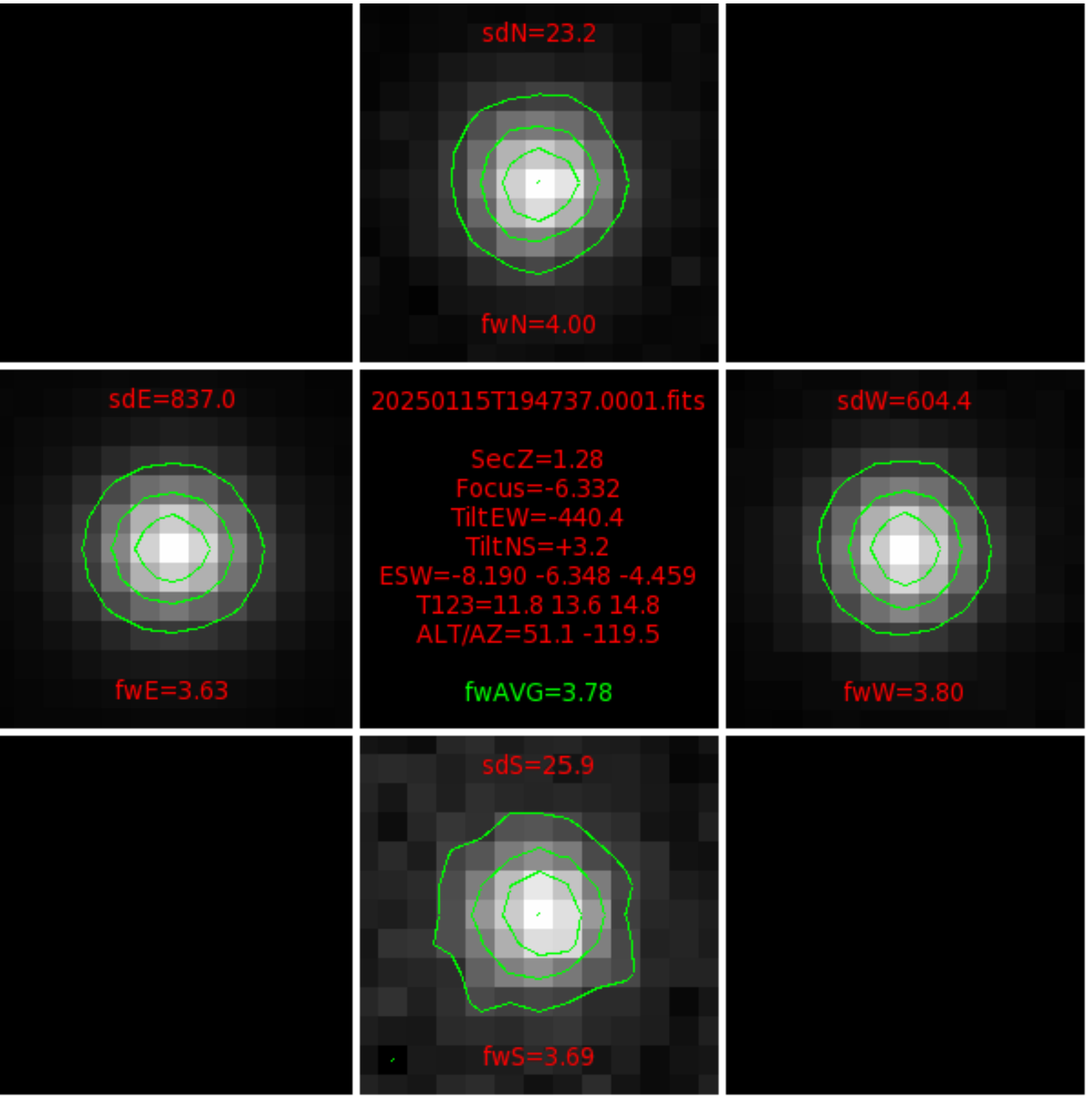
sdN=23.2
fwN=4.00
sdE=837.0
fwE=3.63
20250115T194737.0001.fits
SecZ=1.28
Focus=-6.332
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.190 -6.348 -4.459
T123=11.8 13.6 14.8
ALT/AZ=51.1 -119.5
fwAVG=3.78
sdW=604.4
fwW=3.80
sdS=25.9
fwS=3.69
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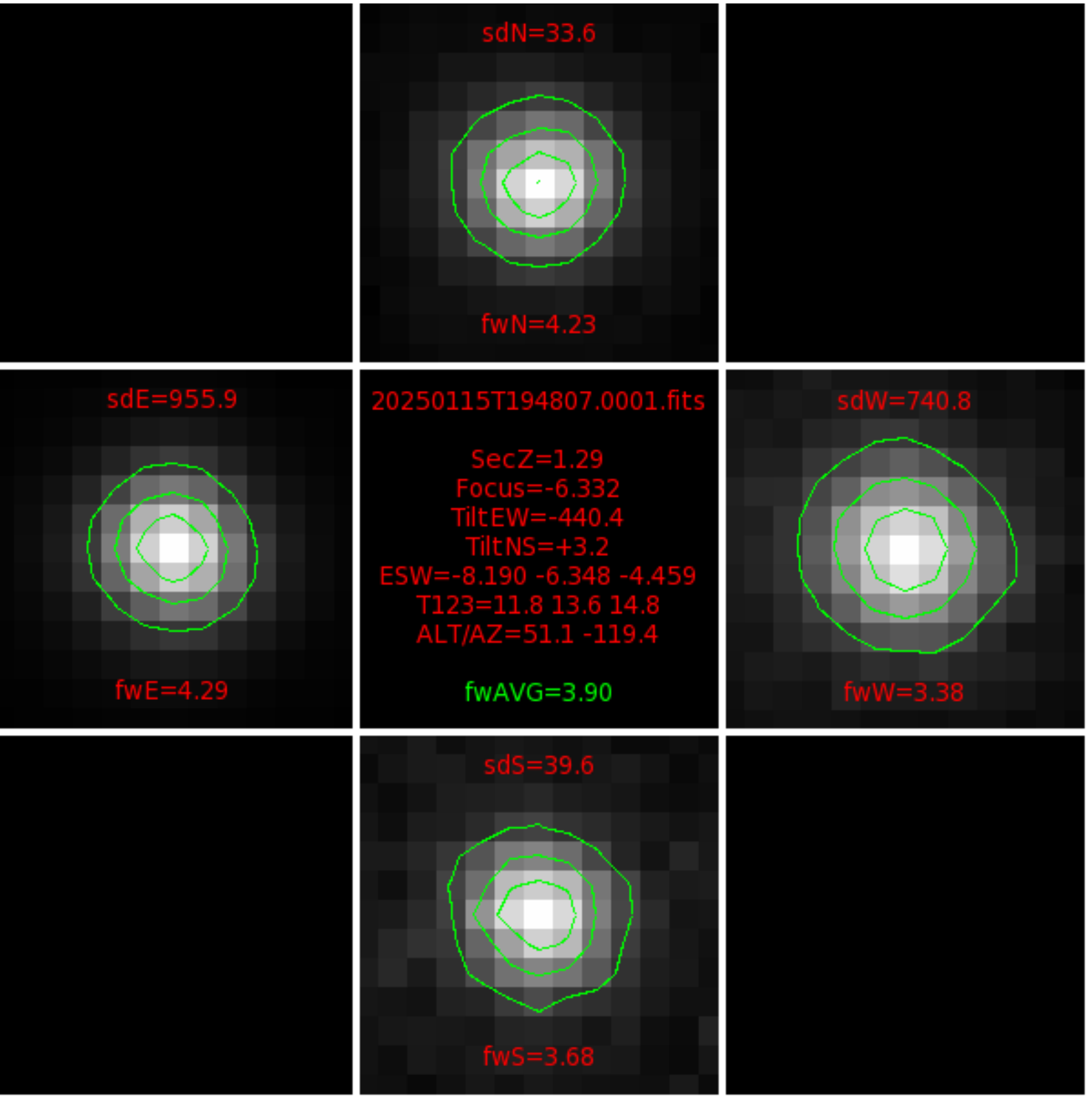
sdN=33.6
fwN=4.23
sdE=955.9
fwE=4.29
20250115T194807.0001.fits
SecZ=1.29
Focus=-6.332
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.190 -6.348 -4.459
T123=11.8 13.6 14.8
ALT/AZ=51.1 -119.4
fwAVG=3.90
sdW=740.8
fwW=3.38
sdS=39.6
fwS=3.68
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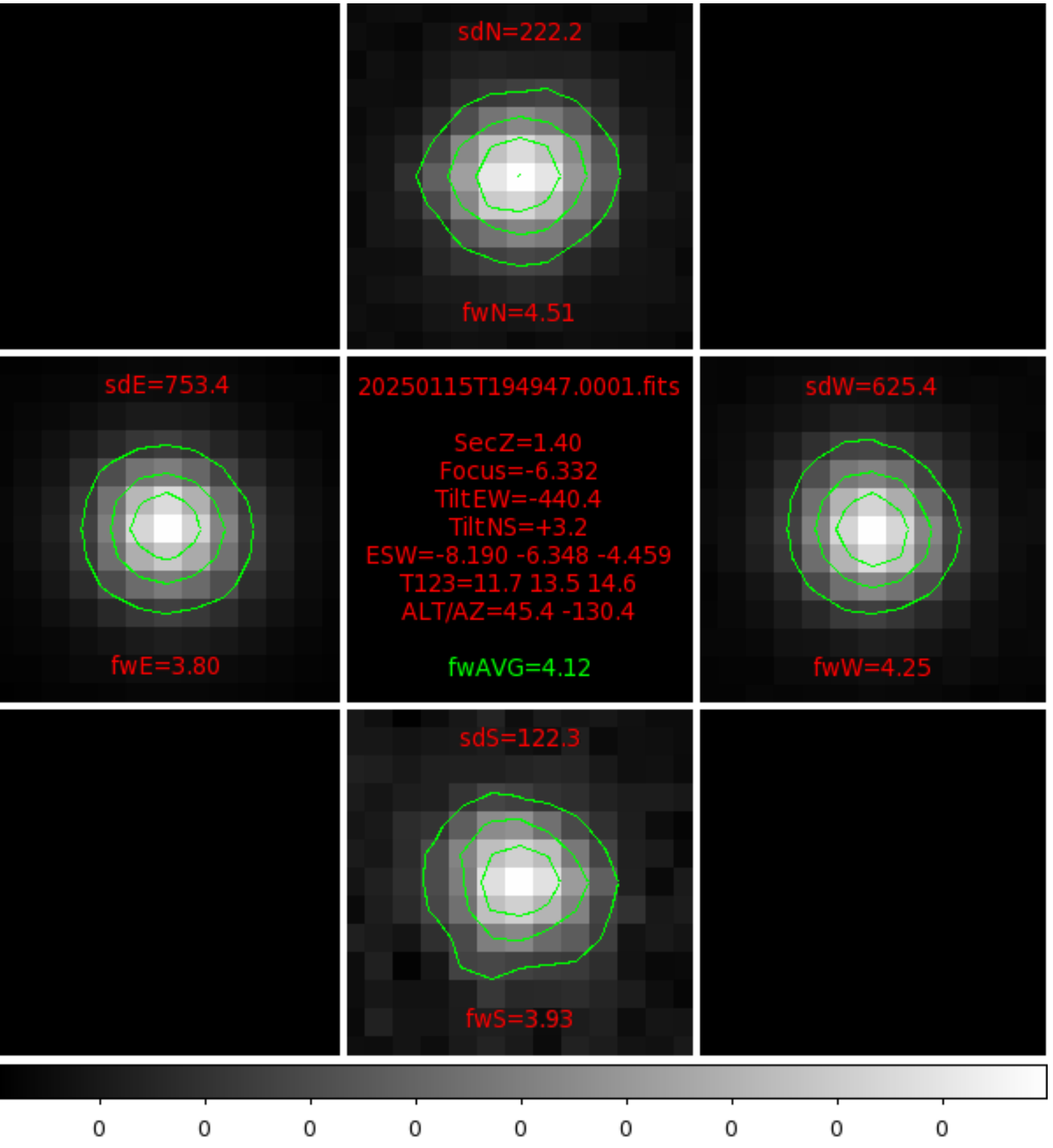
sdN=222.2
fwN=4.51
sdE=753.4
fwE=3.80
20250115T194947.0001.fits
SecZ=1.40
Focus=-6.332
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.190 -6.348 -4.459
T123=11.7 13.5 14.6
ALT/AZ=45.4 -130.4
fwAVG=4.12
sdW=625.4
fwW=4.25
sdS=122.3
fwS=3.93
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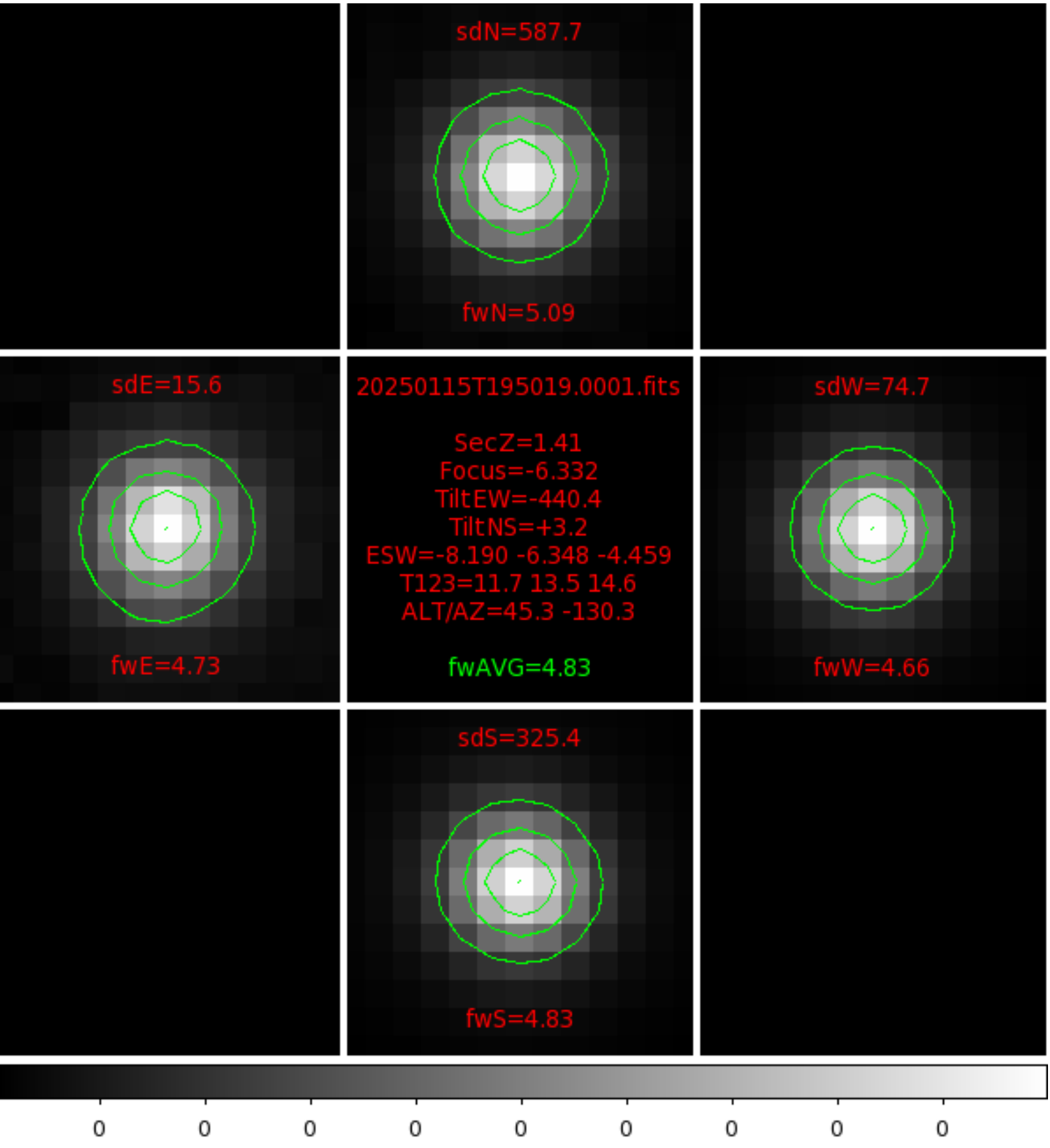
sdN=587.7
fwN=5.09
sdE=15.6
fwE=4.73
20250115T195019.0001.fits
SecZ=1.41
Focus=-6.332
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.190 -6.348 -4.459
T123=11.7 13.5 14.6
ALT/AZ=45.3 -130.3
fwAVG=4.83
sdW=74.7
fwW=4.66
sdS=325.4
fwS=4.83
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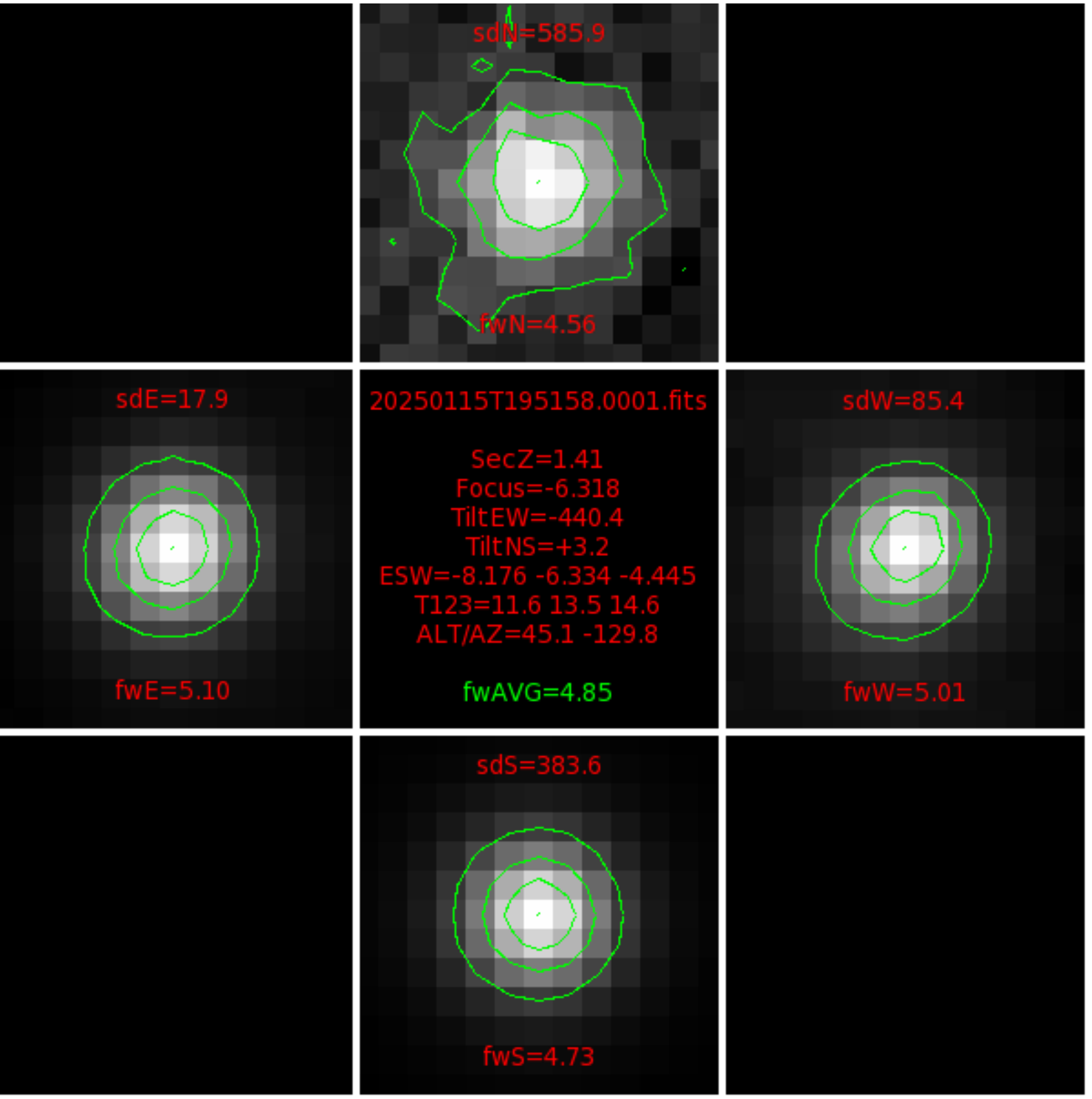
sdN=585.9
fwN=4.56
sdE=17.9
fwE=5.10
20250115T195158.0001.fits
SecZ=1.41
Focus=-6.318
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.176 -6.334 -4.445
T123=11.6 13.5 14.6
ALT/AZ=45.1 -129.8
fwAVG=4.85
sdW=85.4
fwW=5.01
sdS=383.6
fwS=4.73
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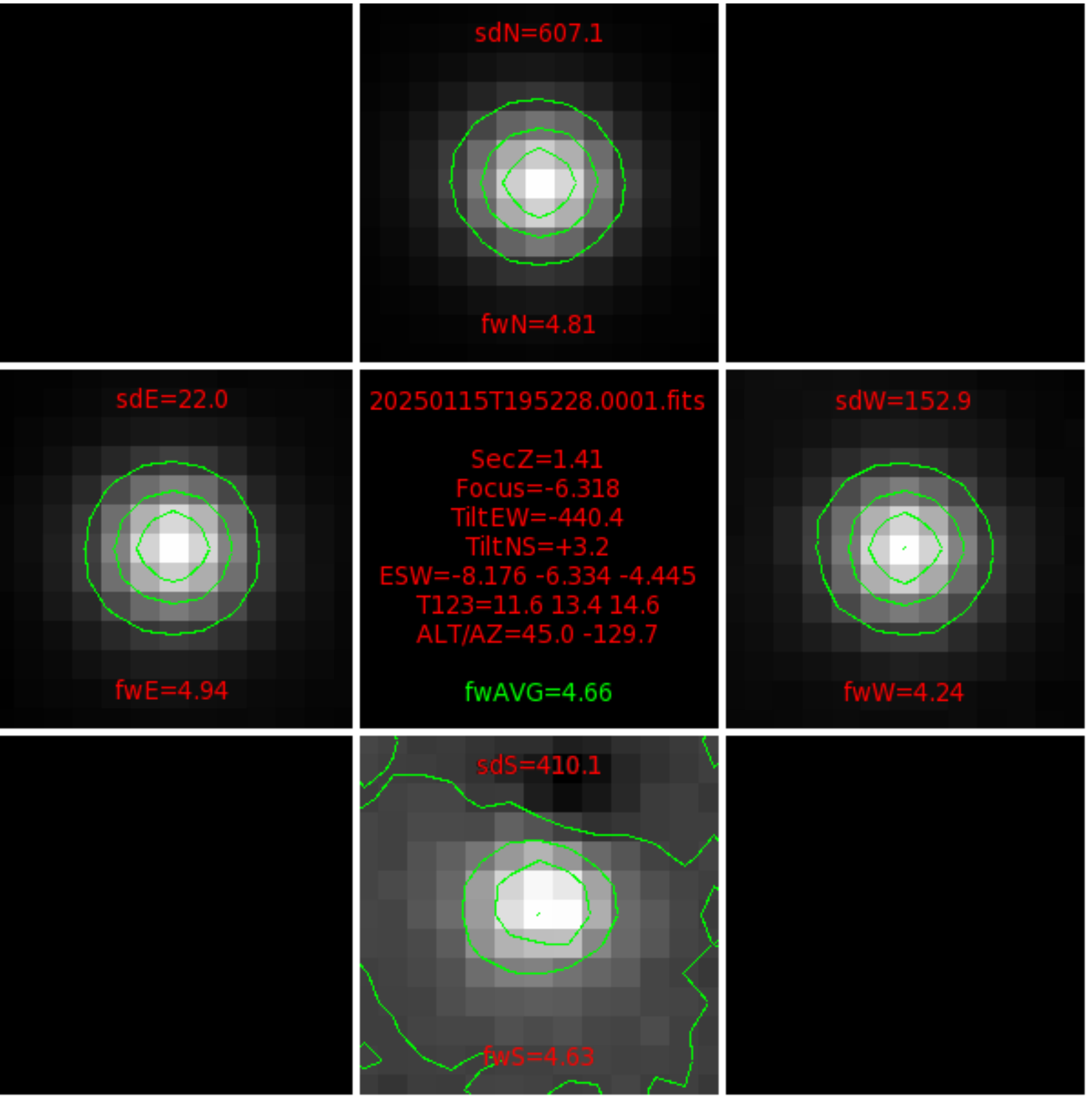
sdN=607.1
fwN=4.81
sdE=22.0
fwE=4.94
20250115T195228.0001.fits
SecZ=1.41
Focus=-6.318
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.176 -6.334 -4.445
T123=11.6 13.4 14.6
ALT/AZ=45.0 -129.7
fwAVG=4.66
sdW=152.9
fwW=4.24
sdS=410.1
fwS=4.63
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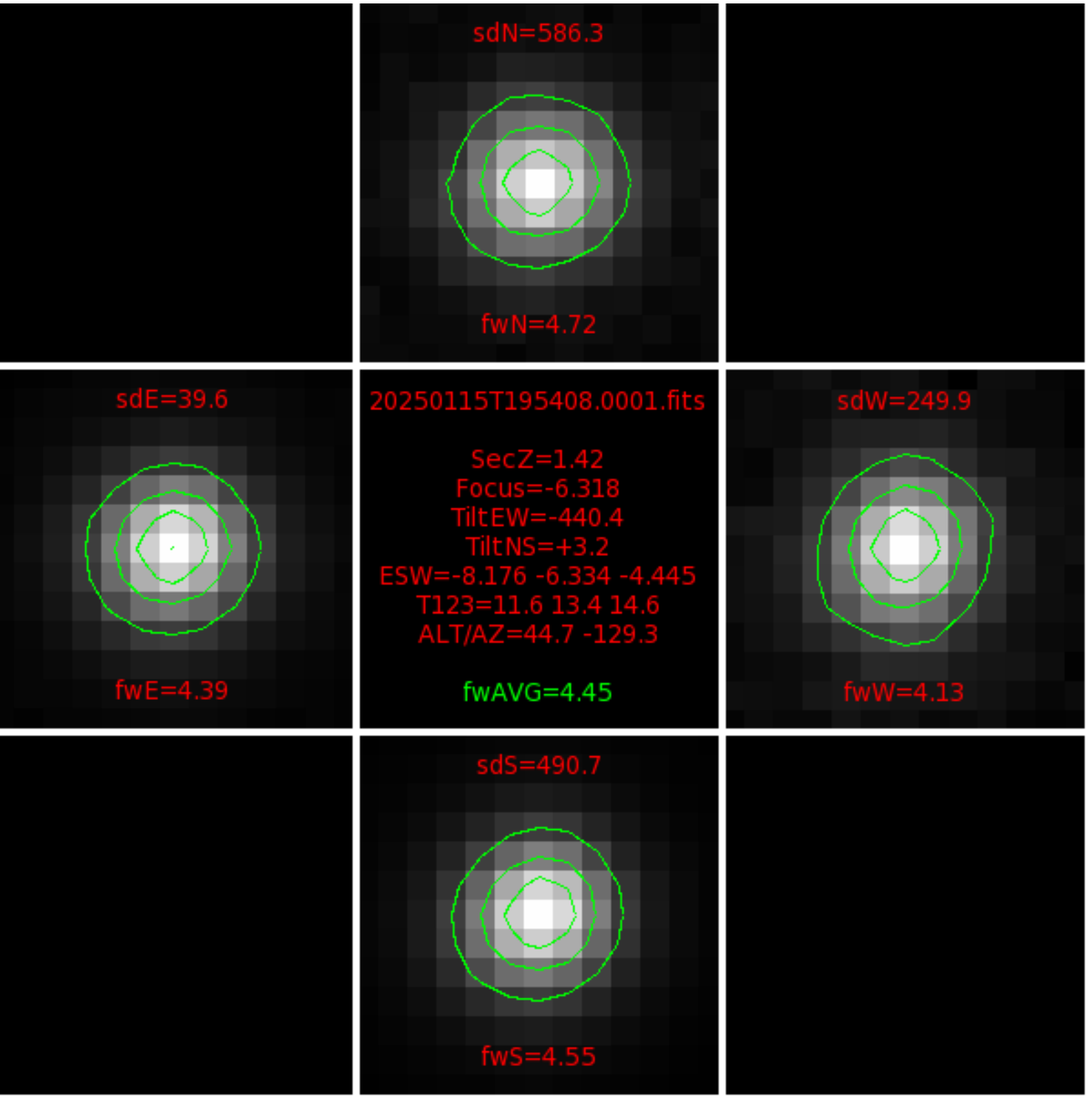
sdN=586.3
fwN=4.72
sdE=39.6
fwE=4.39
20250115T195408.0001.fits
SecZ=1.42
Focus=-6.318
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.176 -6.334 -4.445
T123=11.6 13.4 14.6
ALT/AZ=44.7 -129.3
fwAVG=4.45
sdW=249.9
fwW=4.13
sdS=490.7
fwS=4.55
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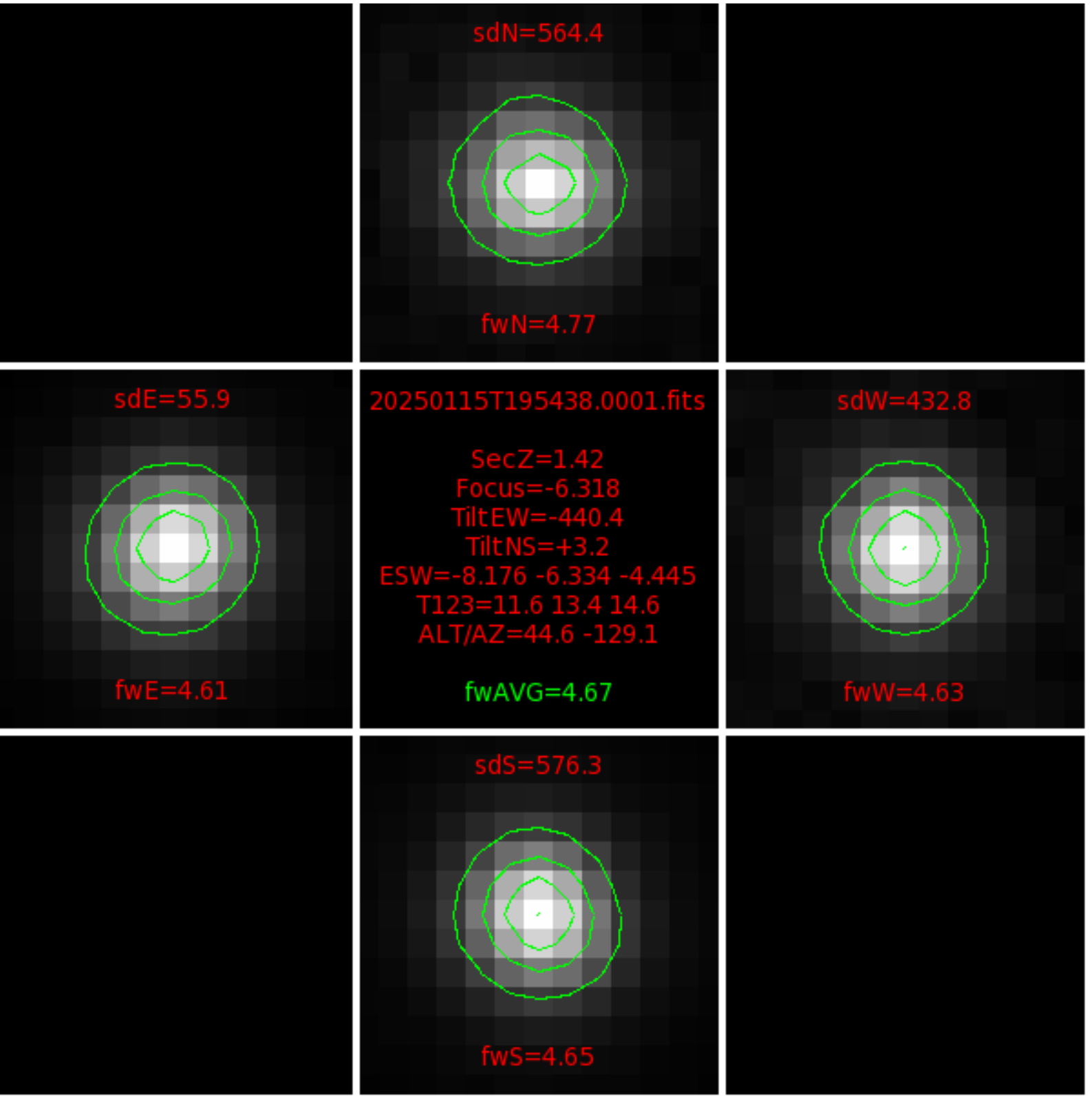
sdN=564.4
fwN=4.77
sdE=55.9
fwE=4.61
20250115T195438.0001.fits
SecZ=1.42
Focus=-6.318
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.176 -6.334 -4.445
T123=11.6 13.4 14.6
ALT/AZ=44.6 -129.1
fwAVG=4.67
sdW=432.8
fwW=4.63
sdS=576.3
fwS=4.65
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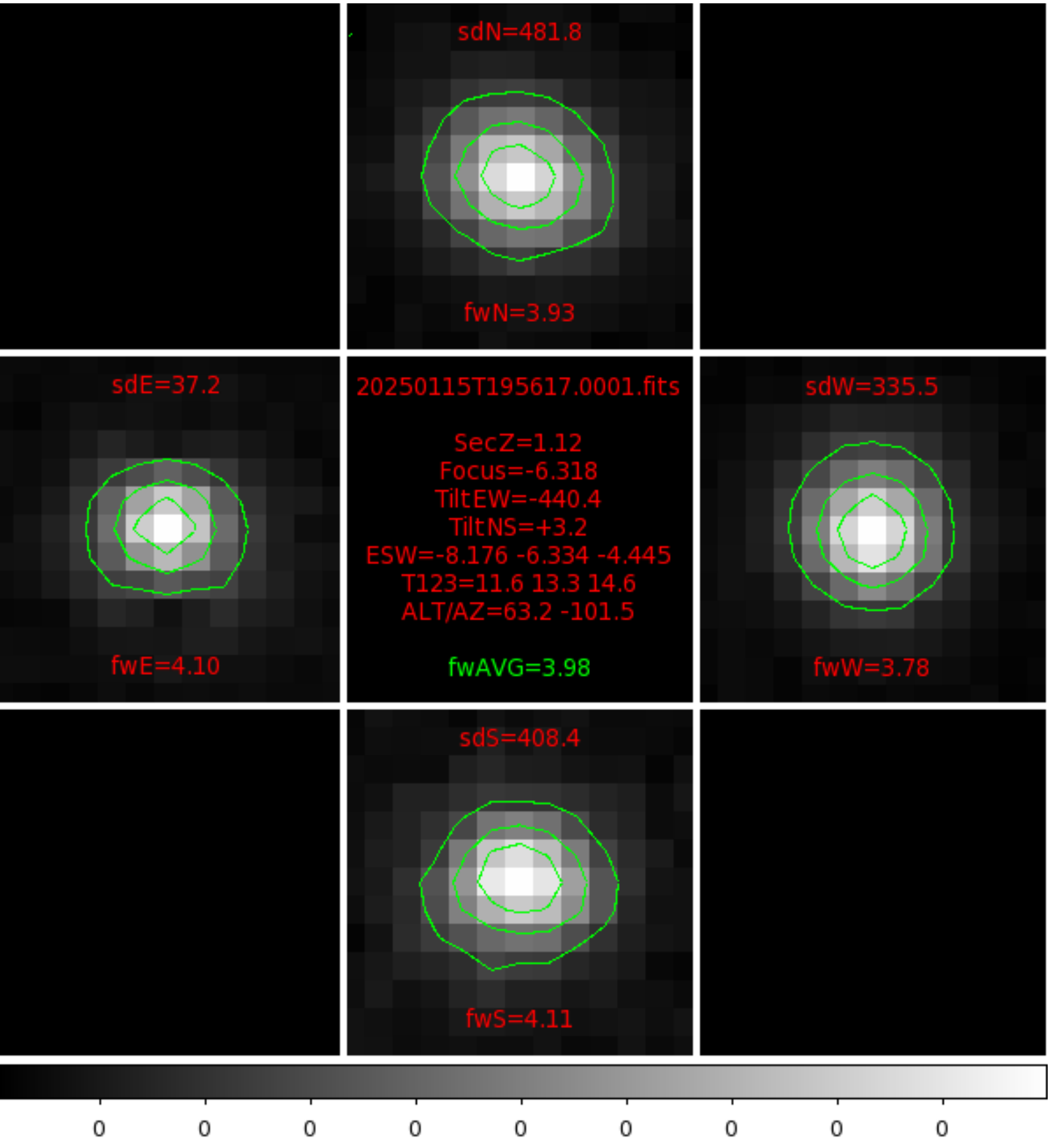
sdN=481.8
fwN=3.93
sdE=37.2
fwE=4.10
20250115T195617.0001.fits
SecZ=1.12
Focus=-6.318
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.176 -6.334 -4.445
T123=11.6 13.3 14.6
ALT/AZ=63.2 -101.5
fwAVG=3.98
sdW=335.5
fwW=3.78
sdS=408.4
fwS=4.11
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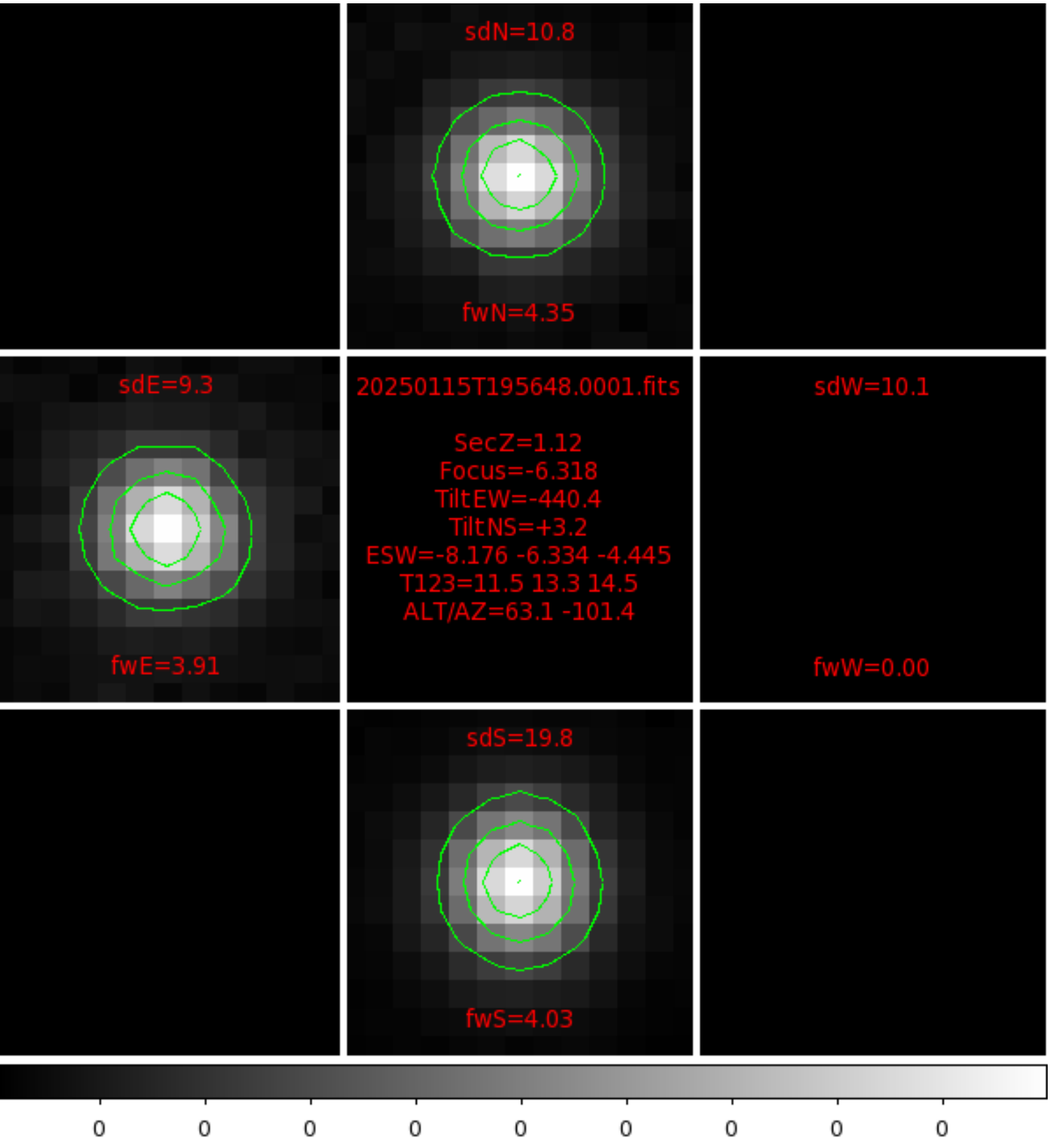
sdN=10.8
fwN=4.35
sdE=9.3
fwE=3.91
20250115T195648.0001.fits
SecZ=1.12
Focus=-6.318
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.176 -6.334 -4.445
T123=11.5 13.3 14.5
ALT/AZ=63.1 -101.4
sdW=10.1
fwW=0.00
sdS=19.8
fwS=4.03
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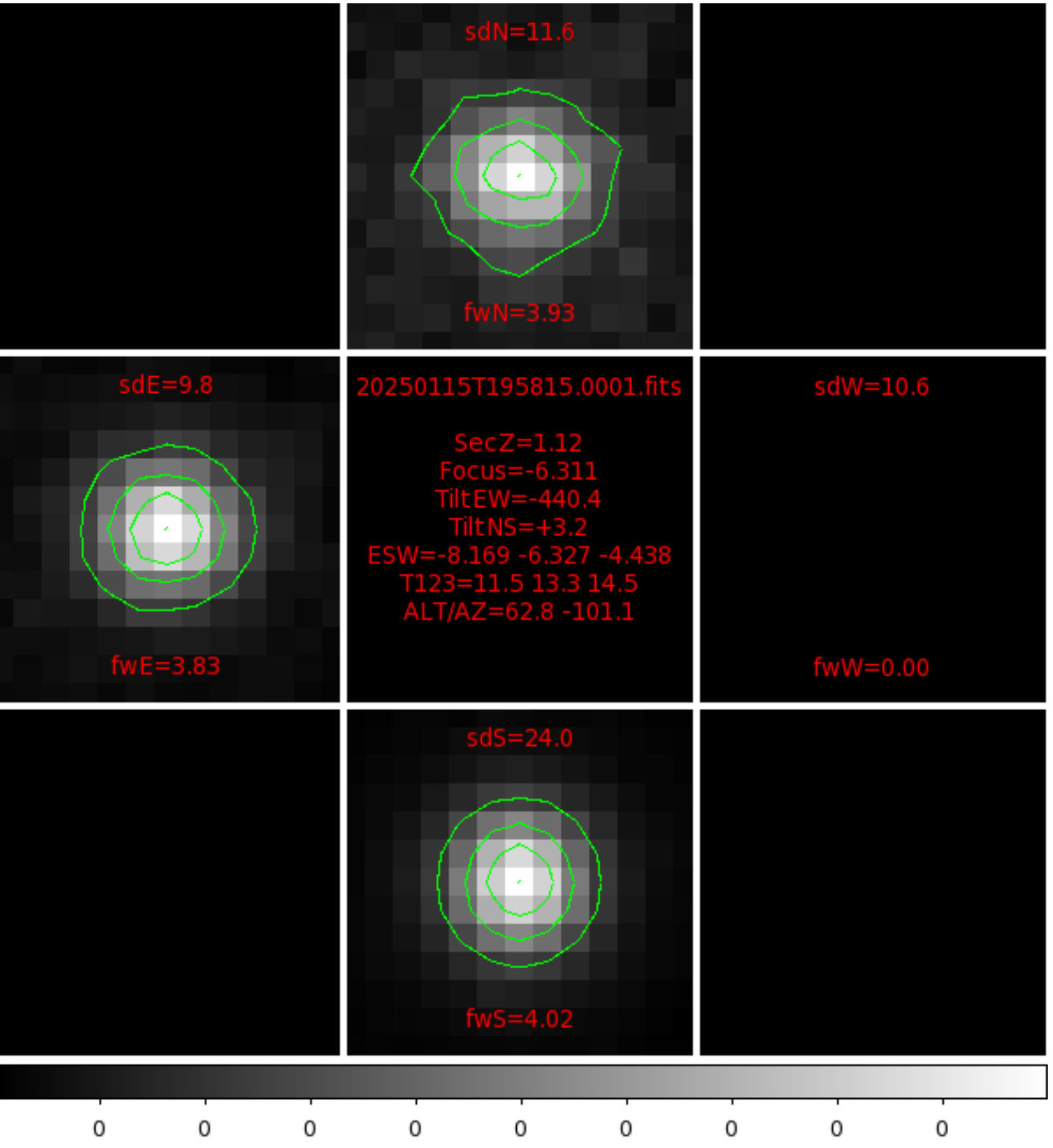
sdN=11.6
fwN=3.93
sdE=9.8
fwE=3.83
20250115T195815.0001.fits
SecZ=1.12
Focus=-6.311
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.169 -6.327 -4.438
T123=11.5 13.3 14.5
ALT/AZ=62.8 -101.1
sdW=10.6
fwW=0.00
sdS=24.0
fwS=4.02
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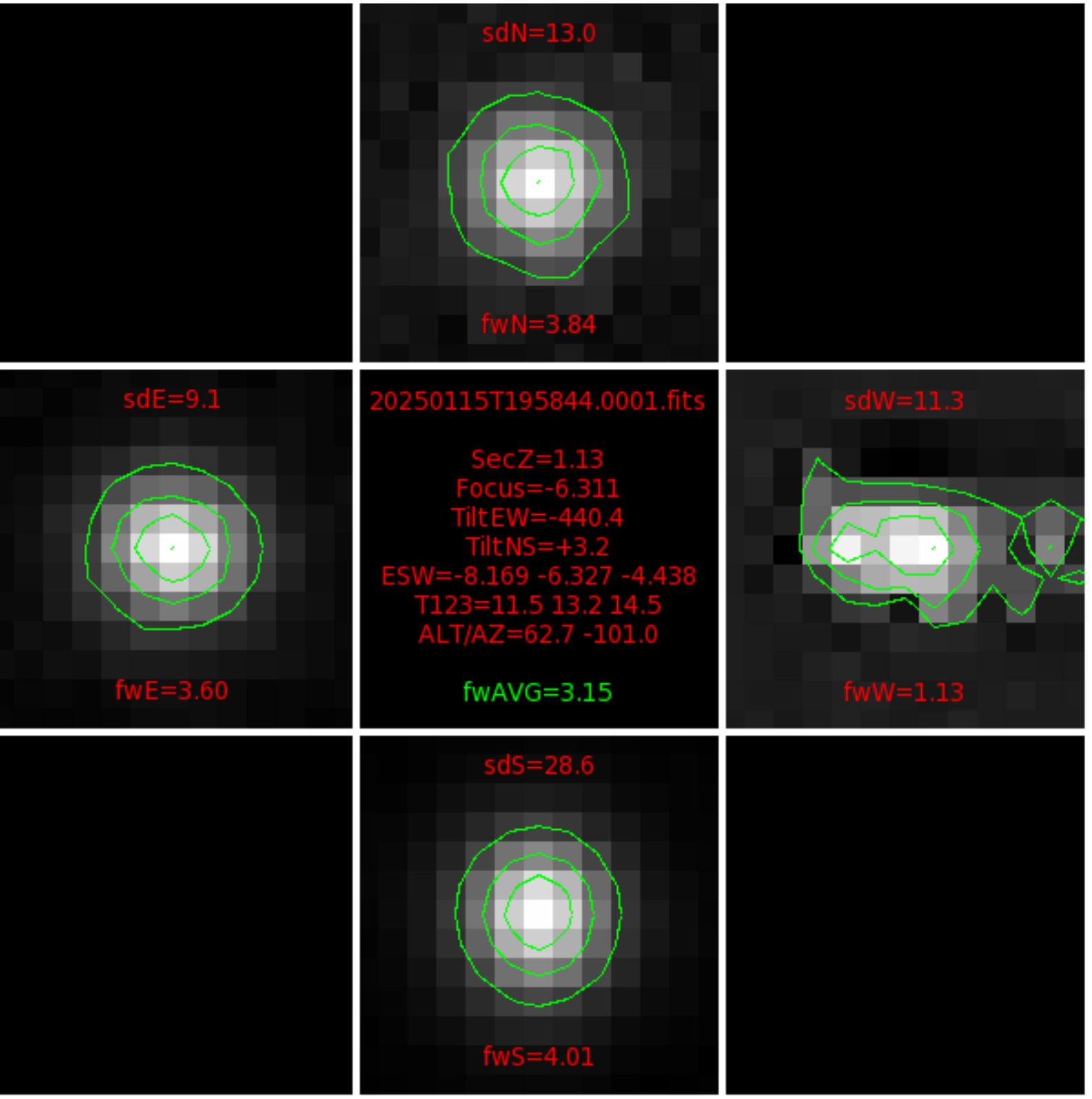
sdN=13.0
fwN=3.84
sdE=9.1
fwE=3.60
20250115T195844.0001.fits
SecZ=1.13
Focus=-6.311
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.169 -6.327 -4.438
T123=11.5 13.2 14.5
ALT/AZ=62.7 -101.0
fwAVG=3.15
sdW=11.3
fwW=1.13
sdS=28.6
fwS=4.01
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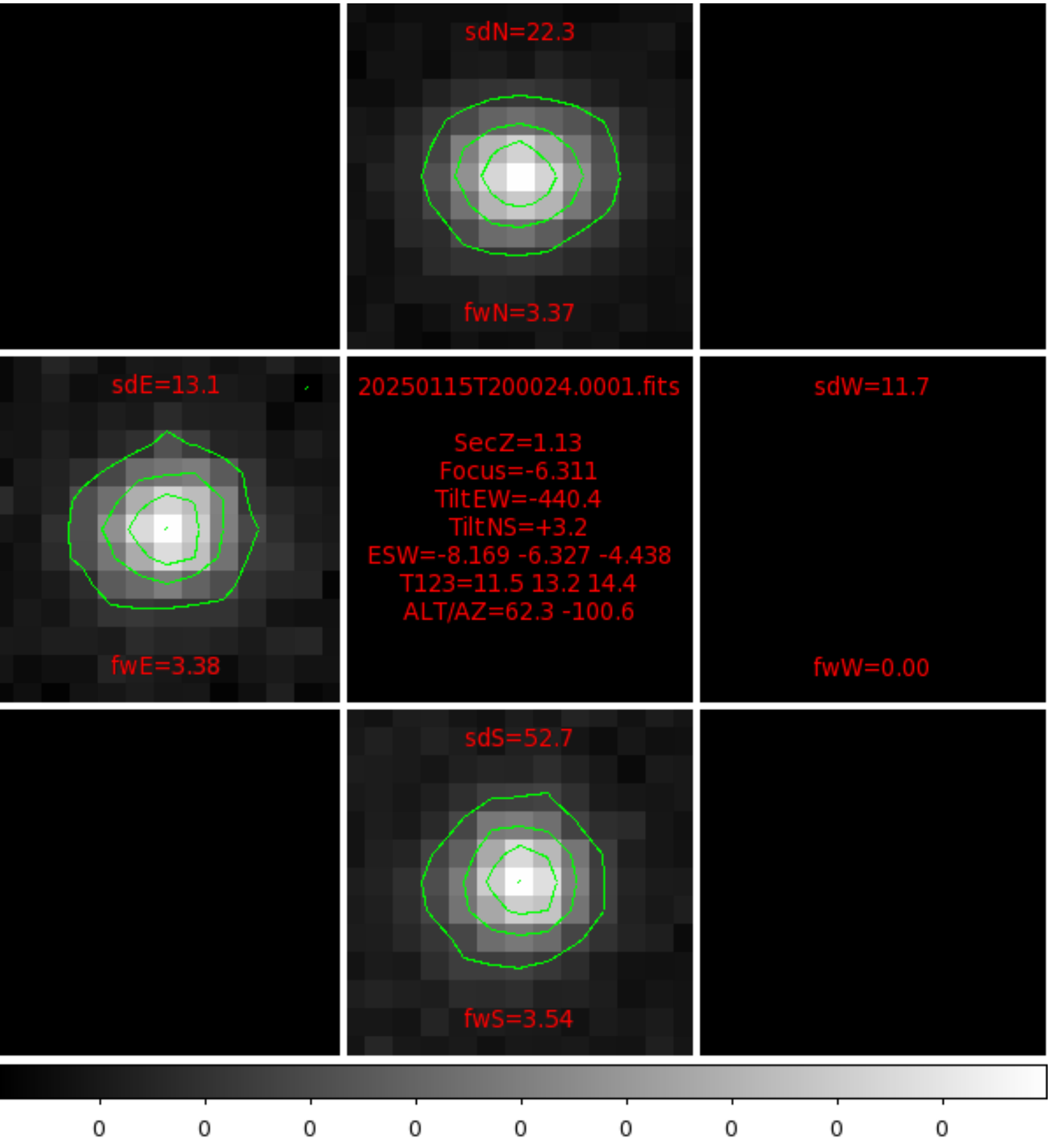
sdN=22.3
fwN=3.37
sdE=13.1
fwE=3.38
20250115T200024.0001.fits
SecZ=1.13
Focus=-6.311
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.169 -6.327 -4.438
T123=11.5 13.2 14.4
ALT/AZ=62.3 -100.6
sdW=11.7
fwW=0.00
sdS=52.7
fwS=3.54
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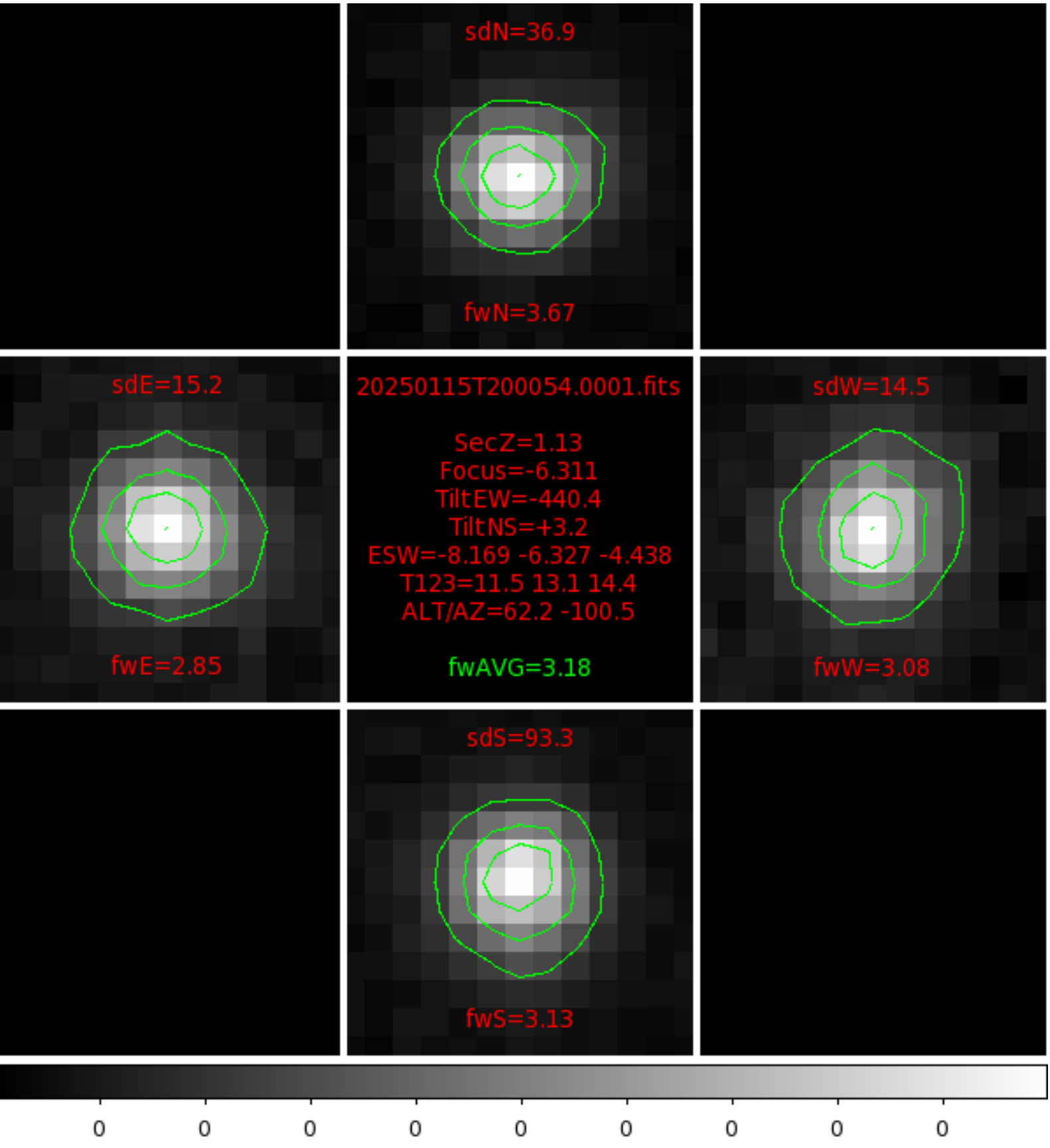
sdN=36.9
fwN=3.67
sdE=15.2
fwE=2.85
20250115T200054.0001.fits
SecZ=1.13
Focus=-6.311
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.169 -6.327 -4.438
T123=11.5 13.1 14.4
ALT/AZ=62.2 -100.5
fwAVG=3.18
sdW=14.5
fwW=3.08
sdS=93.3
fwS=3.13
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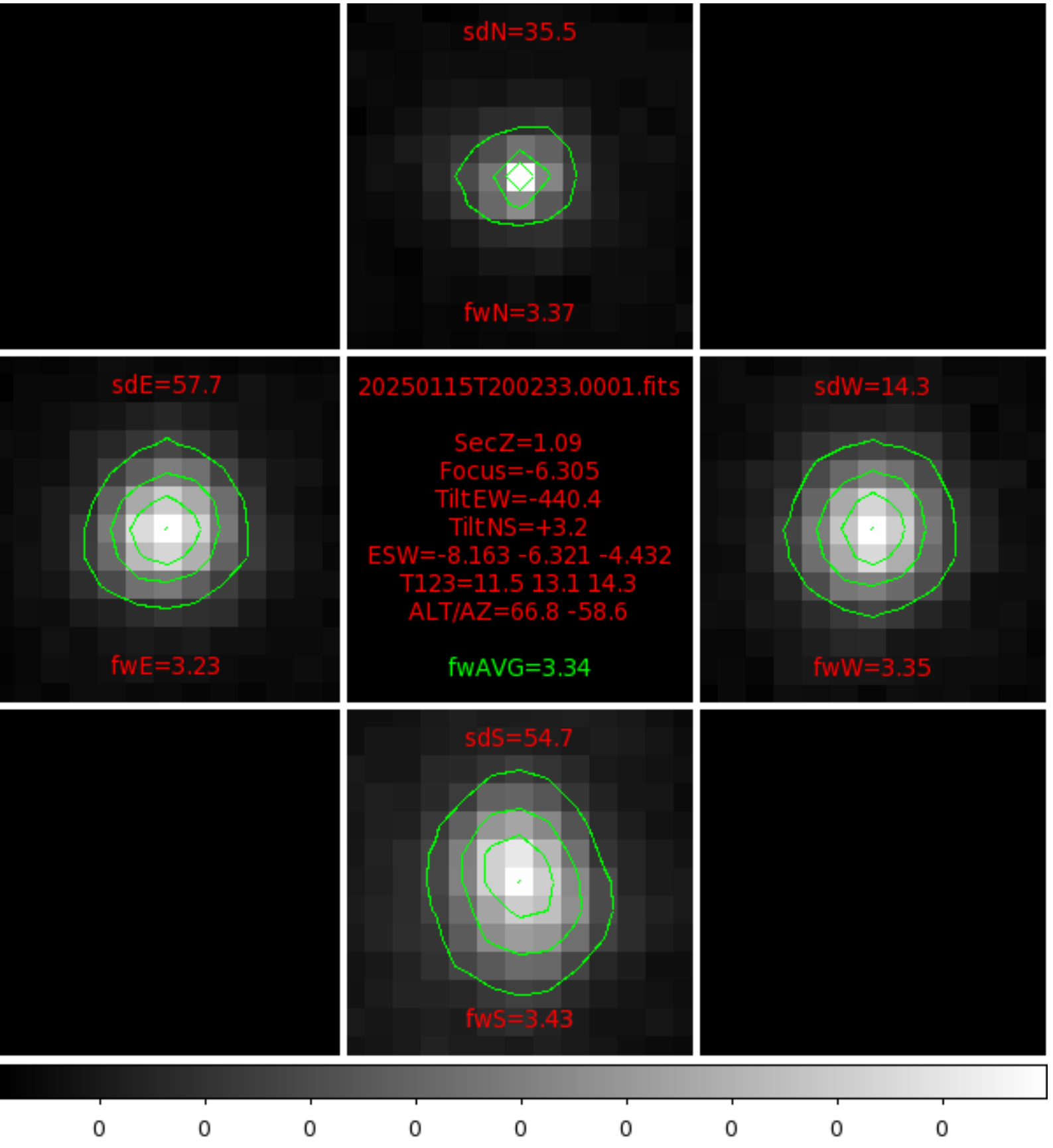
sdN=35.5
fwN=3.37
sdE=57.7
fwE=3.23
20250115T200233.0001.fits
SecZ=1.09
Focus=-6.305
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.163 -6.321 -4.432
T123=11.5 13.1 14.3
ALT/AZ=66.8 -58.6
fwAVG=3.34
sdW=14.3
fwW=3.35
sdS=54.7
fwS=3.43
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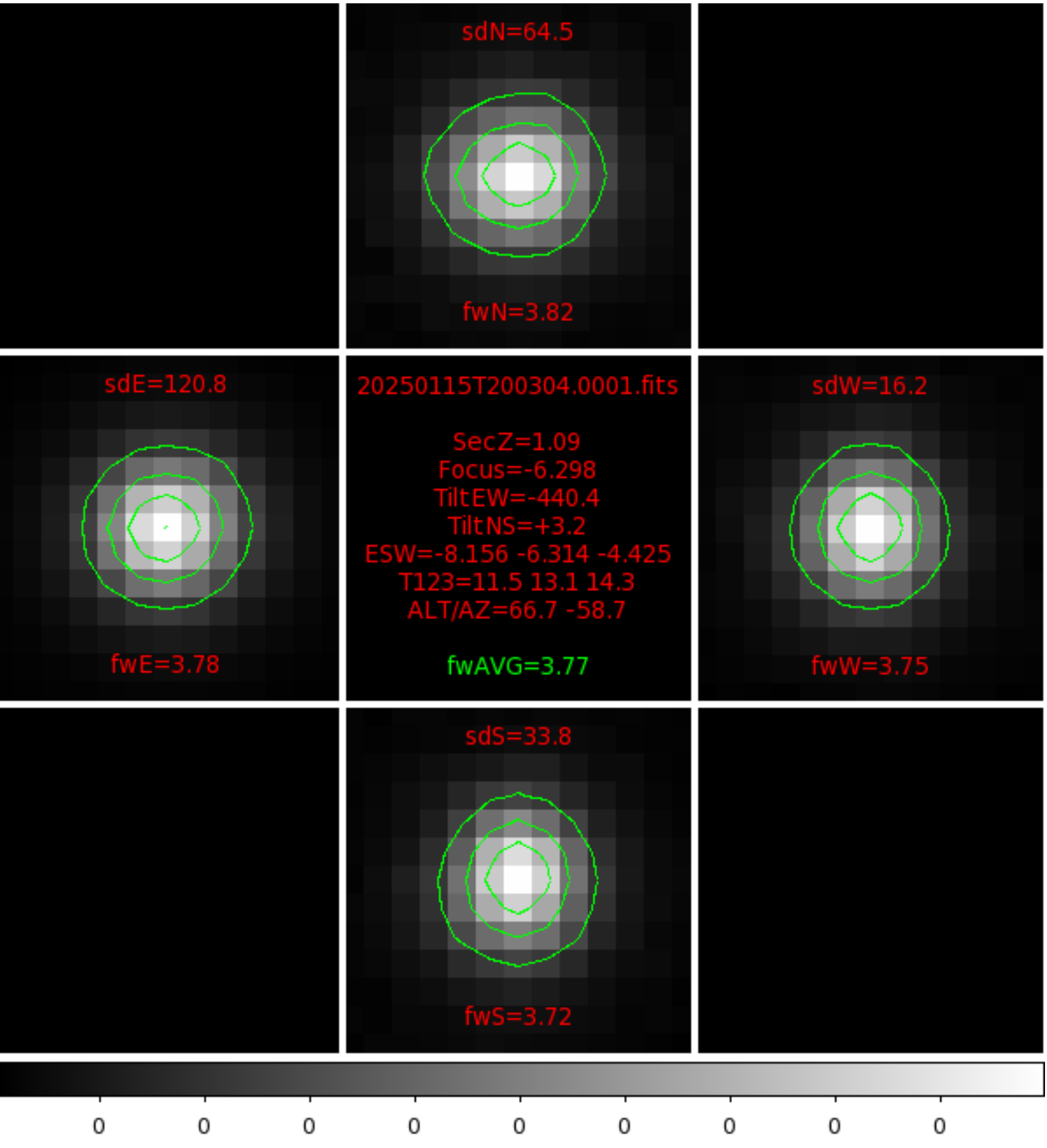
sdN=64.5
fwN=3.82
sdE=120.8
fwE=3.78
20250115T200304.0001.fits
SecZ=1.09
Focus=-6.298
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.156 -6.314 -4.425
T123=11.5 13.1 14.3
ALT/AZ=66.7 -58.7
fwAVG=3.77
sdW=16.2
fwW=3.75
sdS=33.8
fwS=3.72
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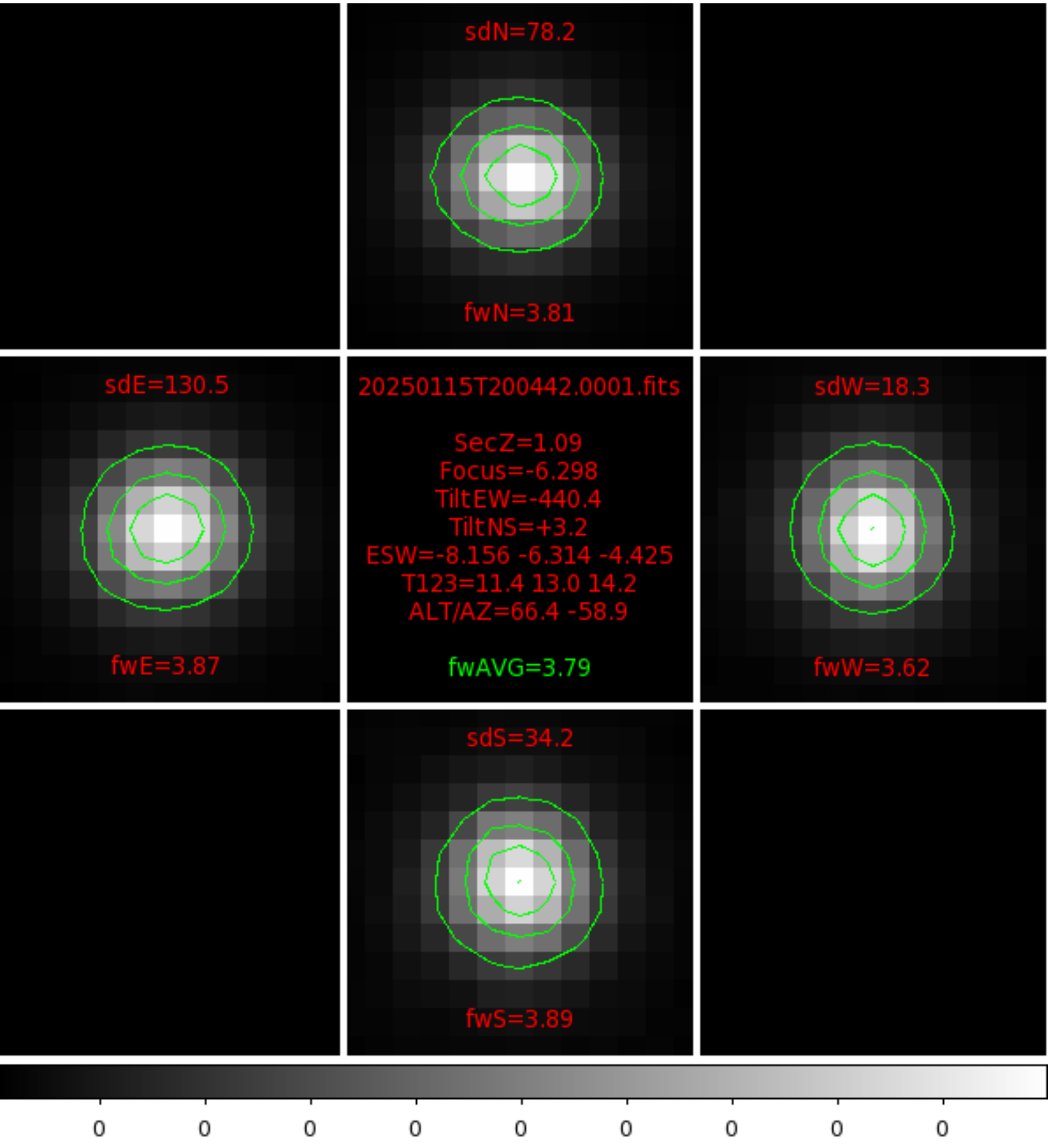
sdN=78.2
fwN=3.81
sdE=130.5
fwE=3.87
20250115T200442.0001.fits
SecZ=1.09
Focus=-6.298
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.156 -6.314 -4.425
T123=11.4 13.0 14.2
ALT/AZ=66.4 -58.9
fwAVG=3.79
sdW=18.3
fwW=3.62
sdS=34.2
fwS=3.89
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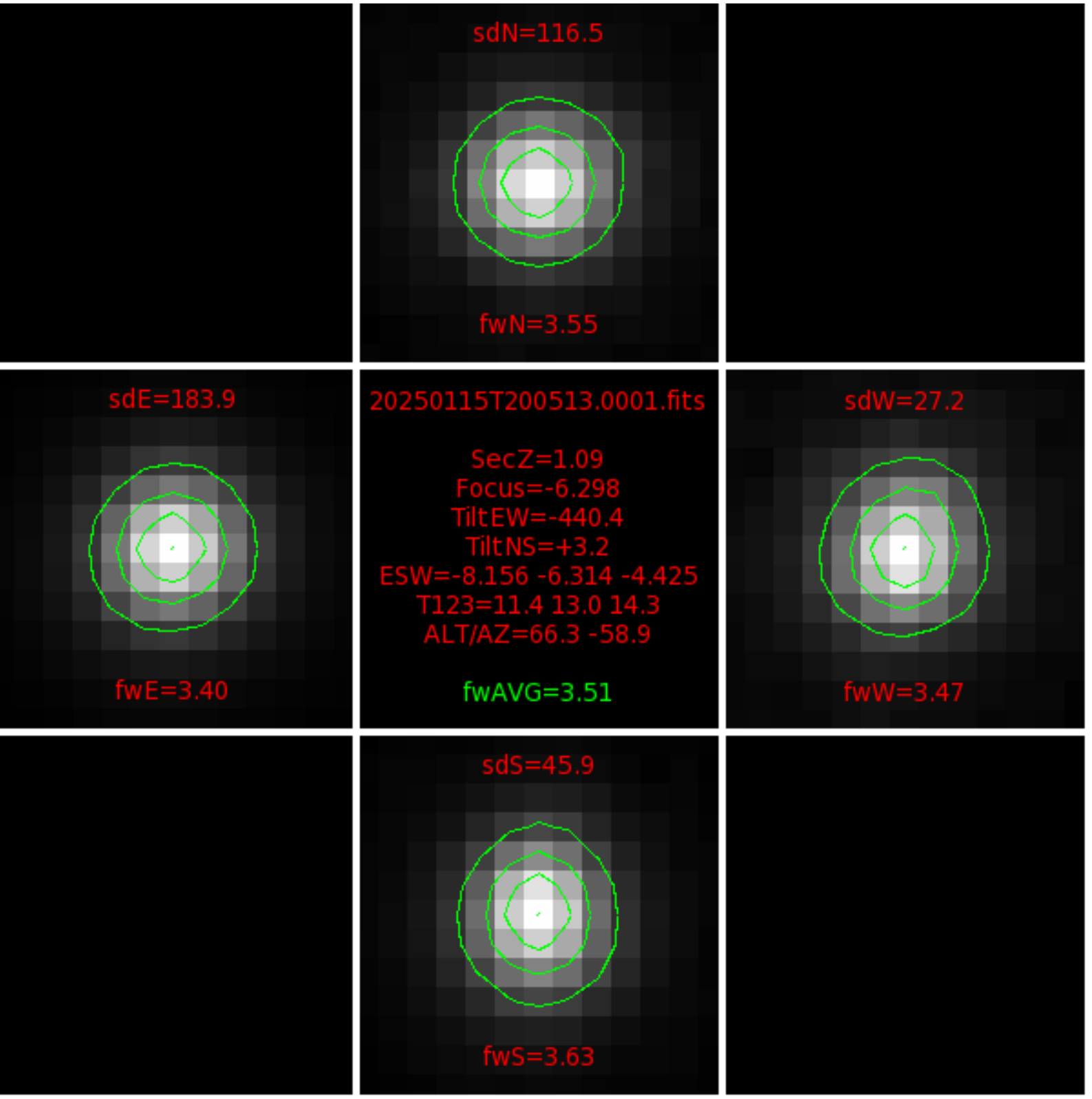
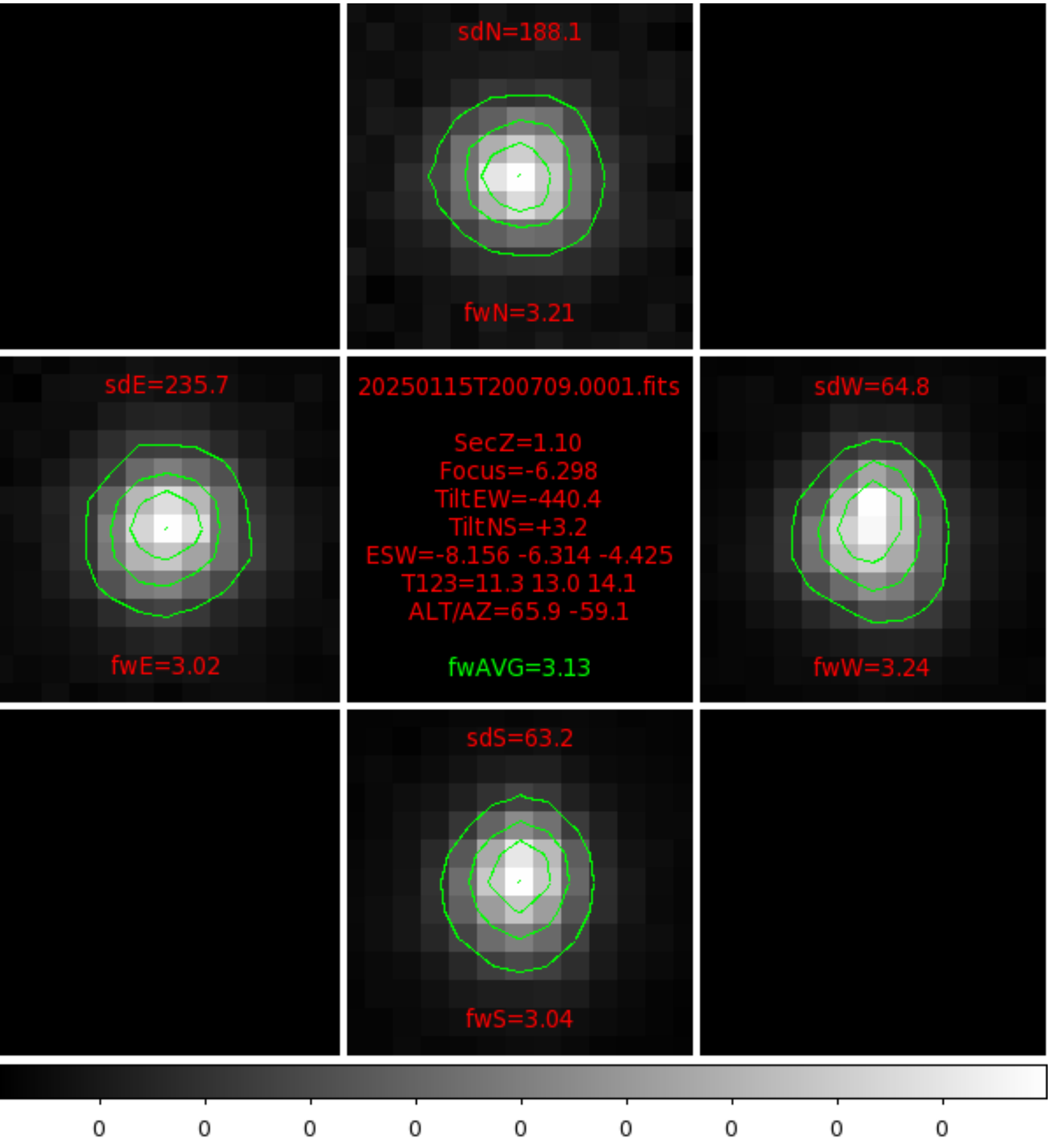

sdN=116.5
fwN=3.55
sdE=183.9
fwE=3.40
20250115T200513.0001.fits
SecZ=1.09
Focus=-6.298
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.156 -6.314 -4.425
T123=11.4 13.0 14.3
ALT/AZ=66.3 -58.9
fwAVG=3.51
sdW=27.2
fwW=3.47
sdS=45.9
fwS=3.63
0 0 0 0 0 0 0 0 0


sdN=188.1
fwN=3.21
sdE=235.7
fwE=3.02
20250115T200709.0001.fits
SecZ=1.10
Focus=-6.298
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.156 -6.314 -4.425
T123=11.3 13.0 14.1
ALT/AZ=65.9 -59.1
fwAVG=3.13
sdW=64.8
fwW=3.24
sdS=63.2
fwS=3.04
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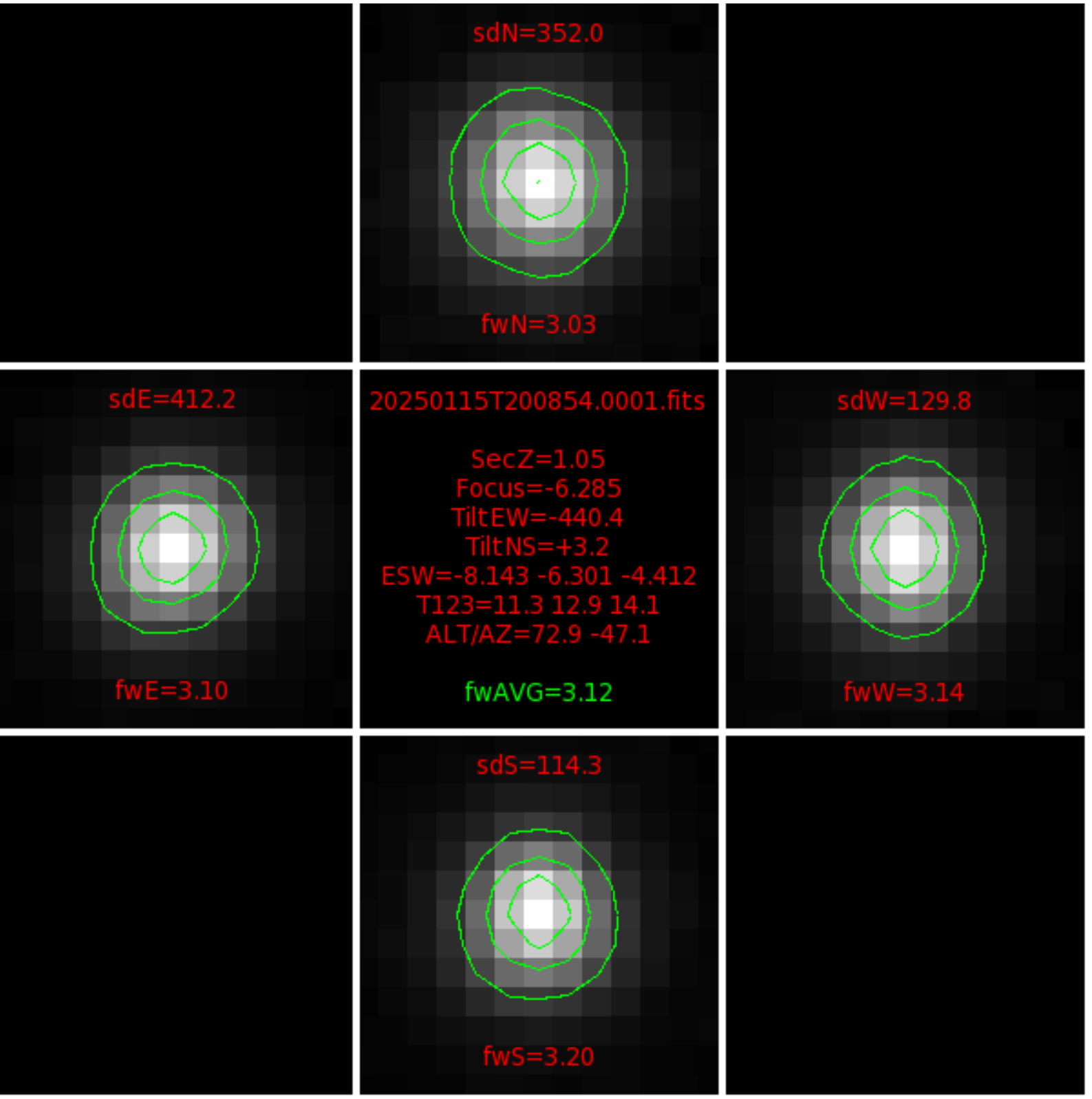
sdN=352.0
fwN=3.03
sdE=412.2
fwE=3.10
20250115T200854.0001.fits
SecZ=1.05
Focus=-6.285
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.143 -6.301 -4.412
T123=11.3 12.9 14.1
ALT/AZ=72.9 -47.1
fwAVG=3.12
sdW=129.8
fwW=3.14
sdS=114.3
fwS=3.20
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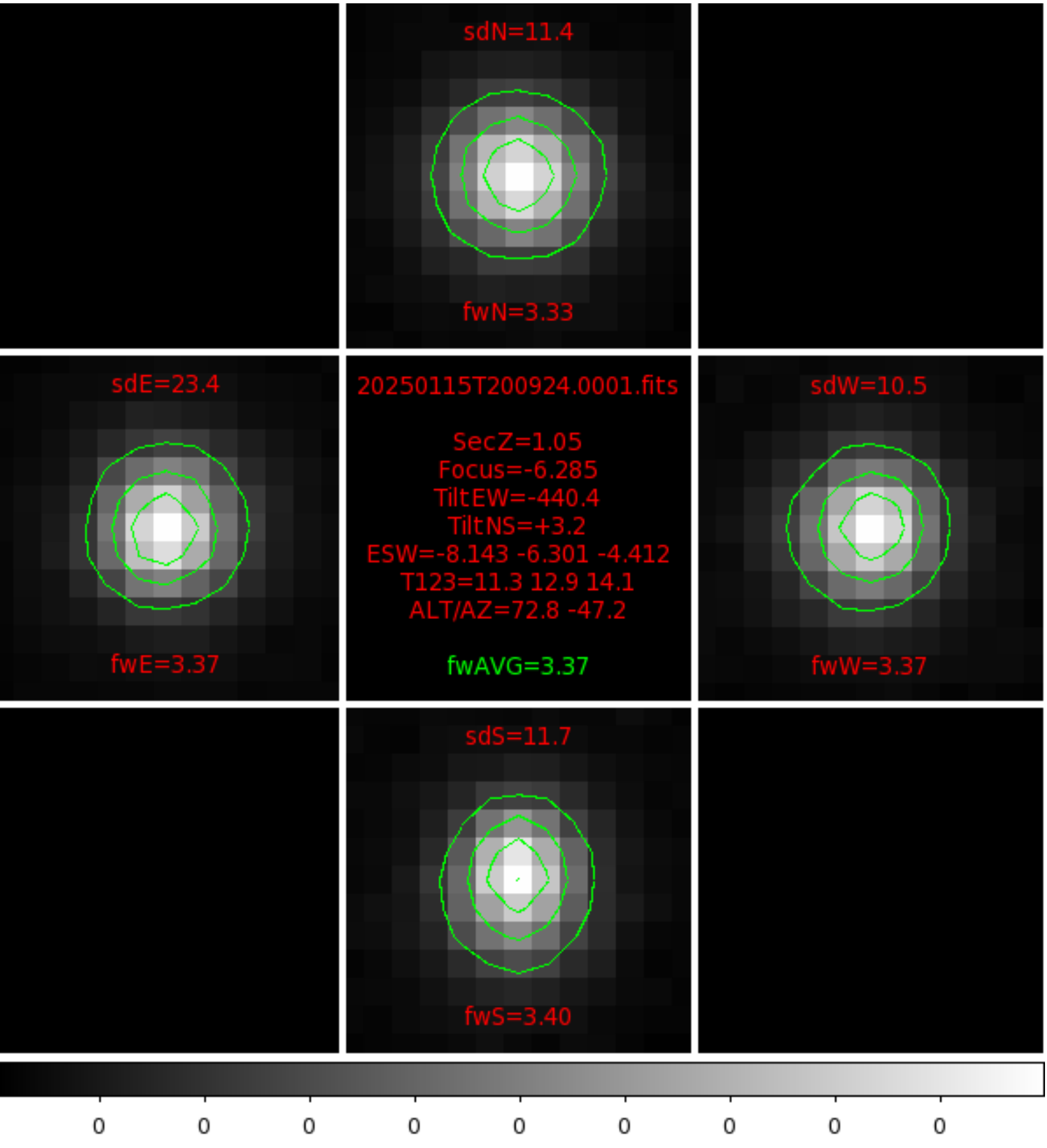
sdN=11.4
fwN=3.33
sdE=23.4
fwE=3.37
20250115T200924.0001.fits
SecZ=1.05
Focus=-6.285
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.143 -6.301 -4.412
T123=11.3 12.9 14.1
ALT/AZ=72.8 -47.2
fwAVG=3.37
sdW=10.5
fwW=3.37
sdS=11.7
fwS=3.40
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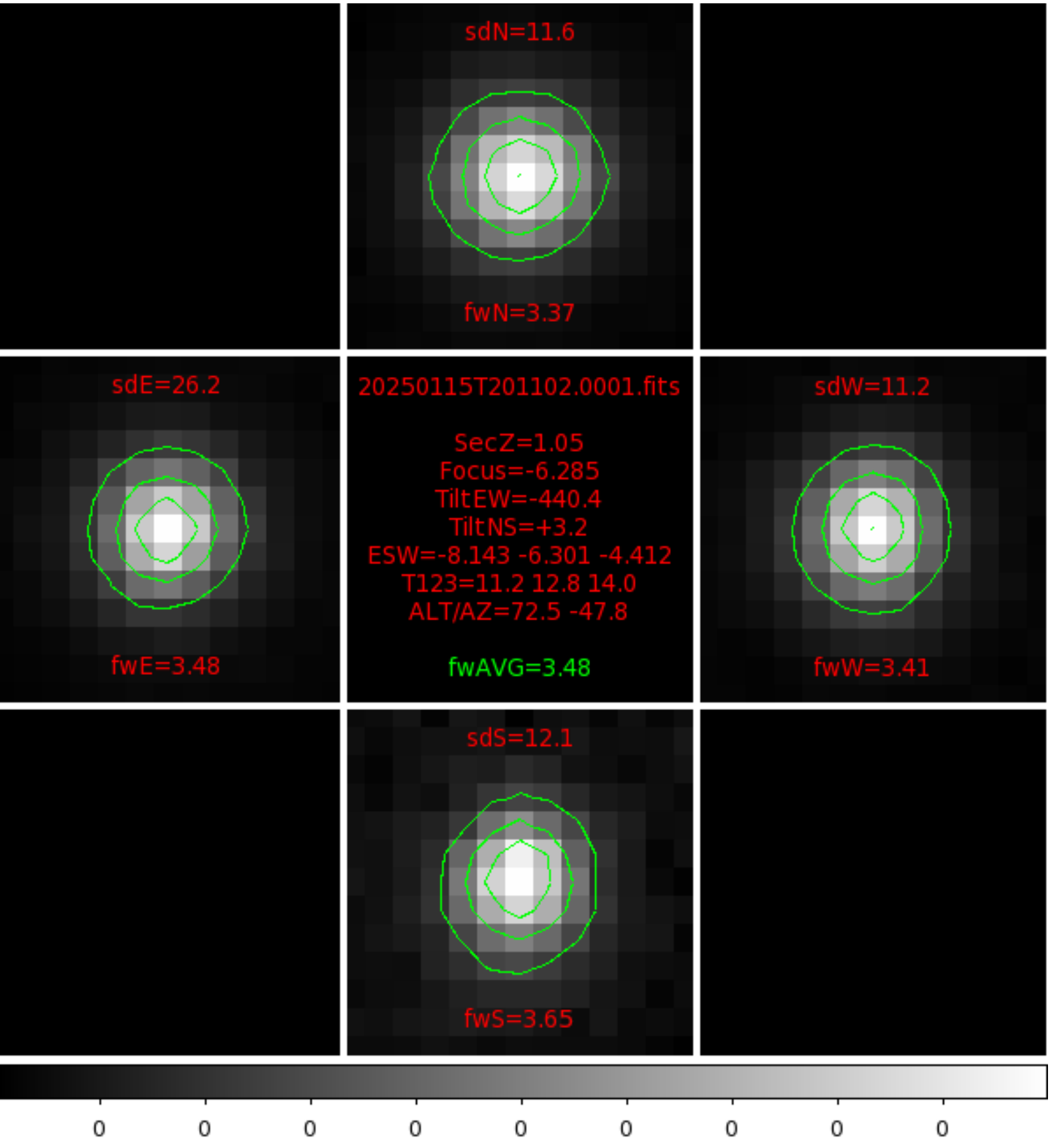
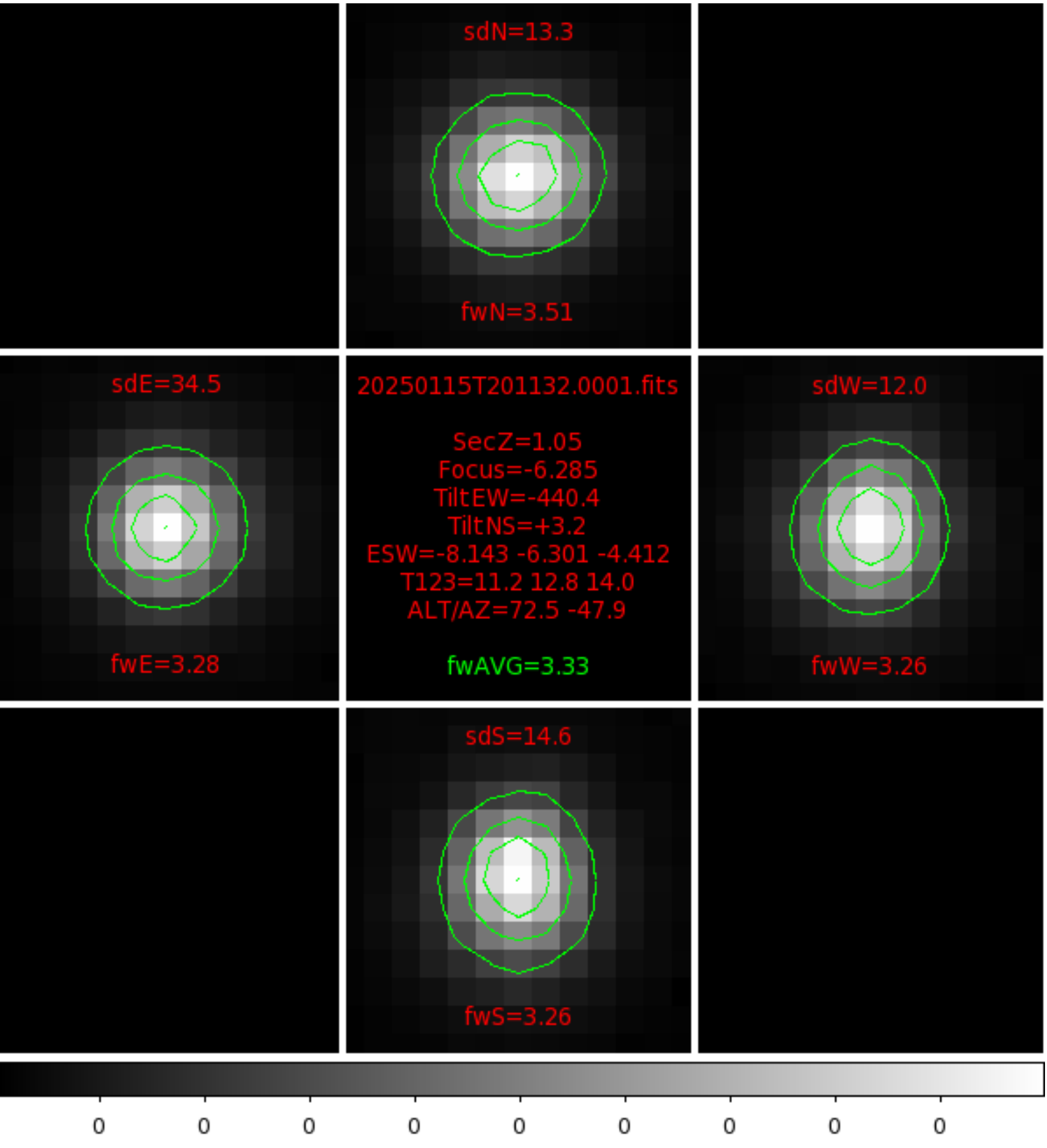

sdN=11.6
fwN=3.37
sdE=26.2
fwE=3.48
20250115T201102.0001.fits
SecZ=1.05
Focus=-6.285
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.143 -6.301 -4.412
T123=11.2 12.8 14.0
ALT/AZ=72.5 -47.8
fwAVG=3.48
sdW=11.2
fwW=3.41
sdS=12.1
fwS=3.65
0 0 0 0 0 0 0 0 0


sdN=13.3
fwN=3.51
sdE=34.5
fwE=3.28
20250115T201132.0001.fits
SecZ=1.05
Focus=-6.285
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.143 -6.301 -4.412
T123=11.2 12.8 14.0
ALT/AZ=72.5 -47.9
fwAVG=3.33
sdW=12.0
fwW=3.26
sdS=14.6
fwS=3.26
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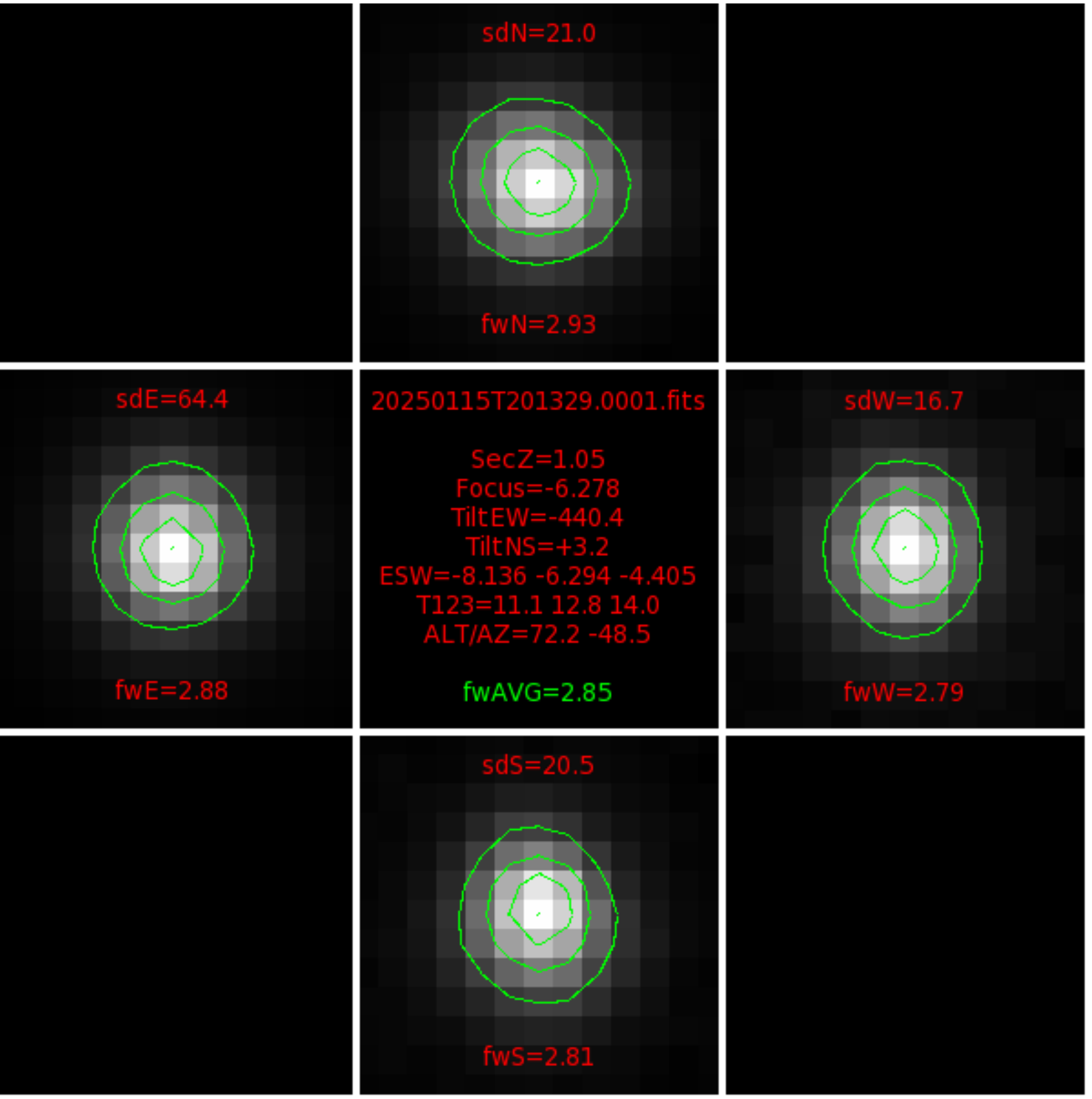
sdN=21.0
fwN=2.93
sdE=64.4
fwE=2.88
20250115T201329.0001.fits
SecZ=1.05
Focus=-6.278
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.136 -6.294 -4.405
T123=11.1 12.8 14.0
ALT/AZ=72.2 -48.5
fwAVG=2.85
sdW=16.7
fwW=2.79
sdS=20.5
fwS=2.81
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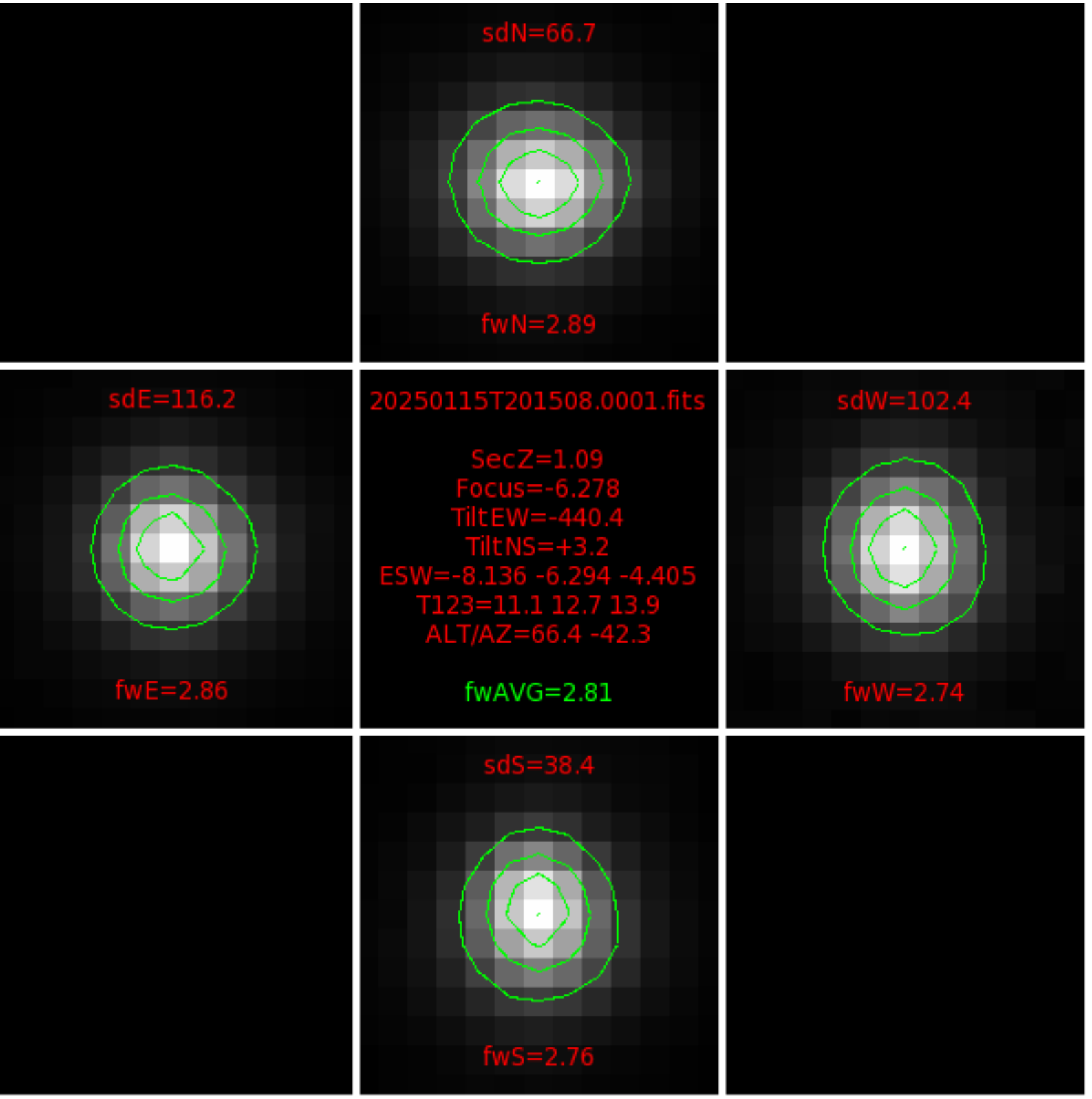
sdN=66.7
fwN=2.89
sdE=116.2
fwE=2.86
20250115T201508.0001.fits
SecZ=1.09
Focus=-6.278
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.136 -6.294 -4.405
T123=11.1 12.7 13.9
ALT/AZ=66.4 -42.3
fwAVG=2.81
sdW=102.4
fwW=2.74
sdS=38.4
fwS=2.76
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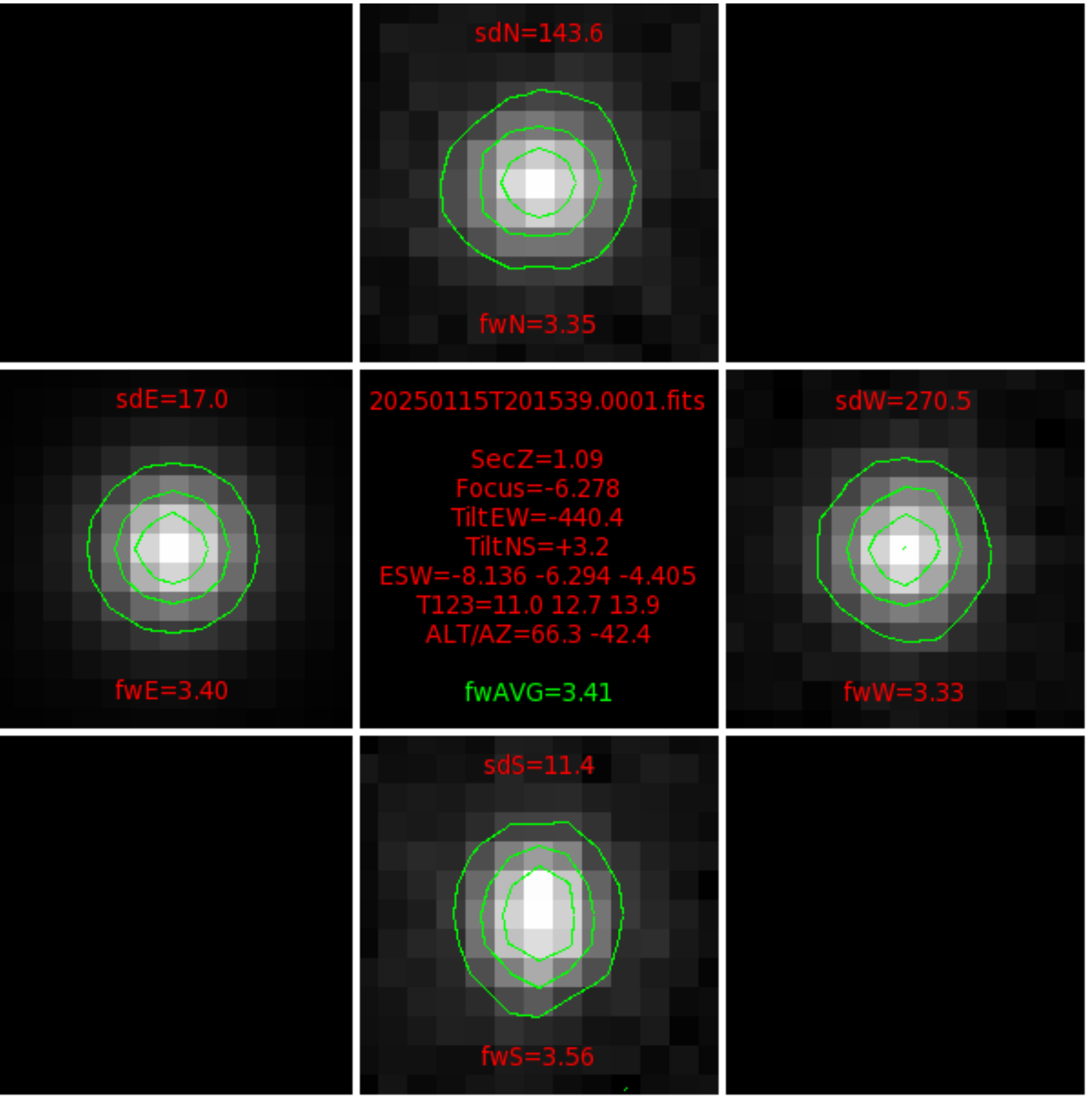
sdN=143.6
fwN=3.35
sdE=17.0
fwE=3.40
20250115T201539.0001.fits
SecZ=1.09
Focus=-6.278
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.136 -6.294 -4.405
T123=11.0 12.7 13.9
ALT/AZ=66.3 -42.4
fwAVG=3.41
sdW=270.5
fwW=3.33
sdS=11.4
fwS=3.56
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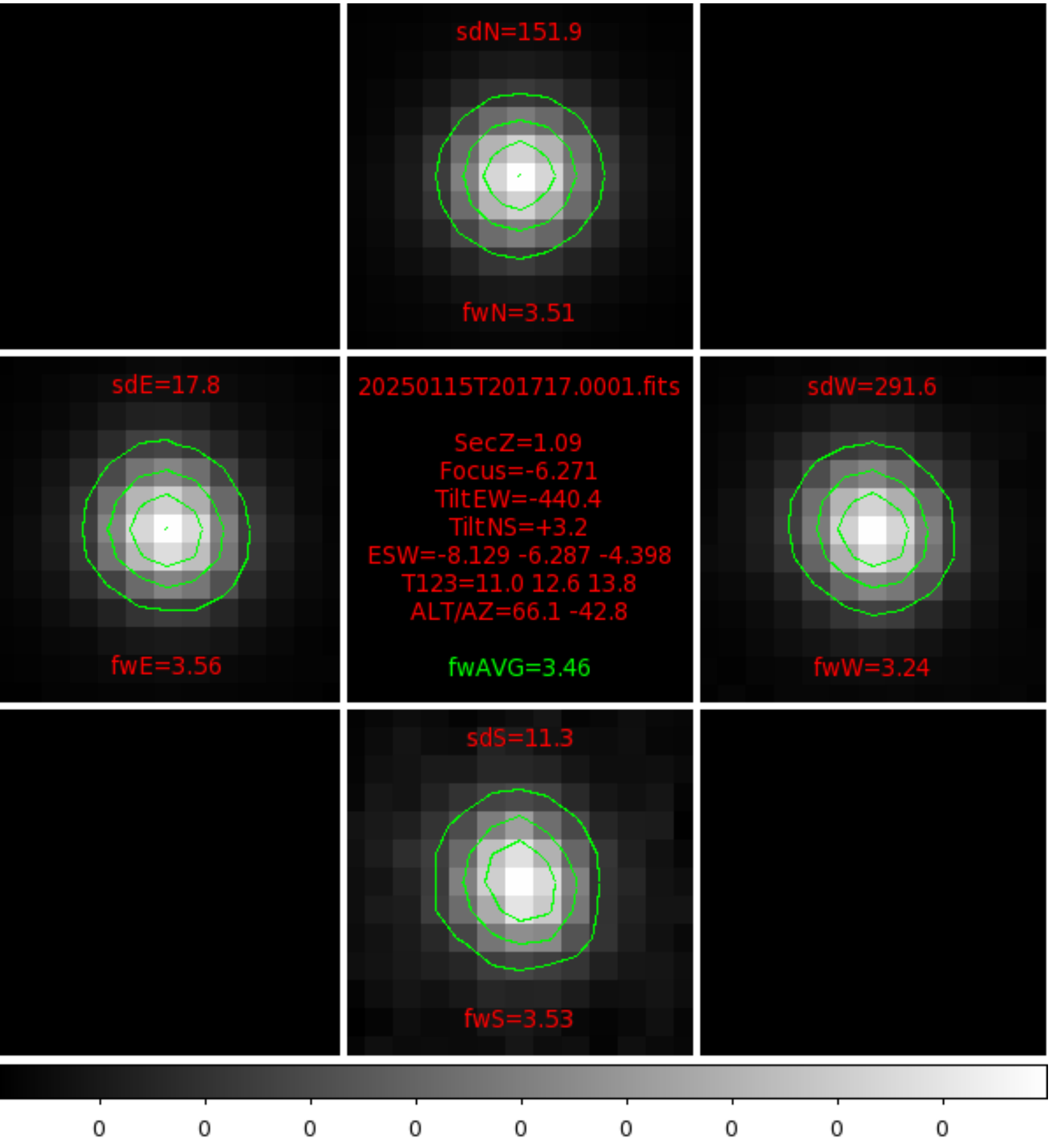
sdN=151.9
fwN=3.51
sdE=17.8
fwE=3.56
20250115T201717.0001.fits
SecZ=1.09
Focus=-6.271
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.129 -6.287 -4.398
T123=11.0 12.6 13.8
ALT/AZ=66.1 -42.8
fwAVG=3.46
sdW=291.6
fwW=3.24
sdS=11.3
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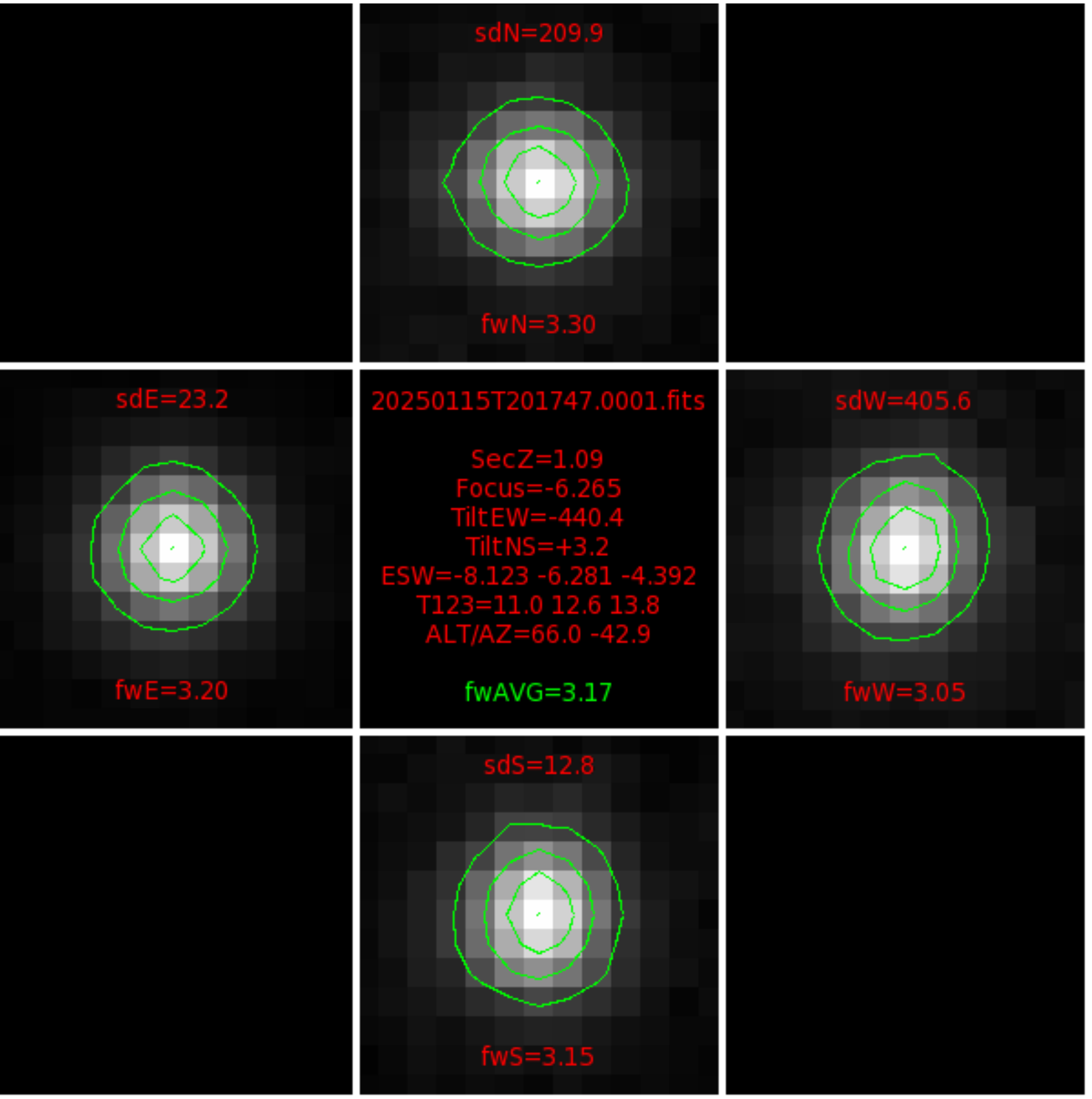
sdN=209.9
fwN=3.30
sdE=23.2
fwE=3.20
20250115T201747.0001.fits
SecZ=1.09
Focus=-6.265
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.123 -6.281 -4.392
T123=11.0 12.6 13.8
ALT/AZ=66.0 -42.9
fwAVG=3.17
sdW=405.6
fwW=3.05
sdS=12.8
fwS=3.15
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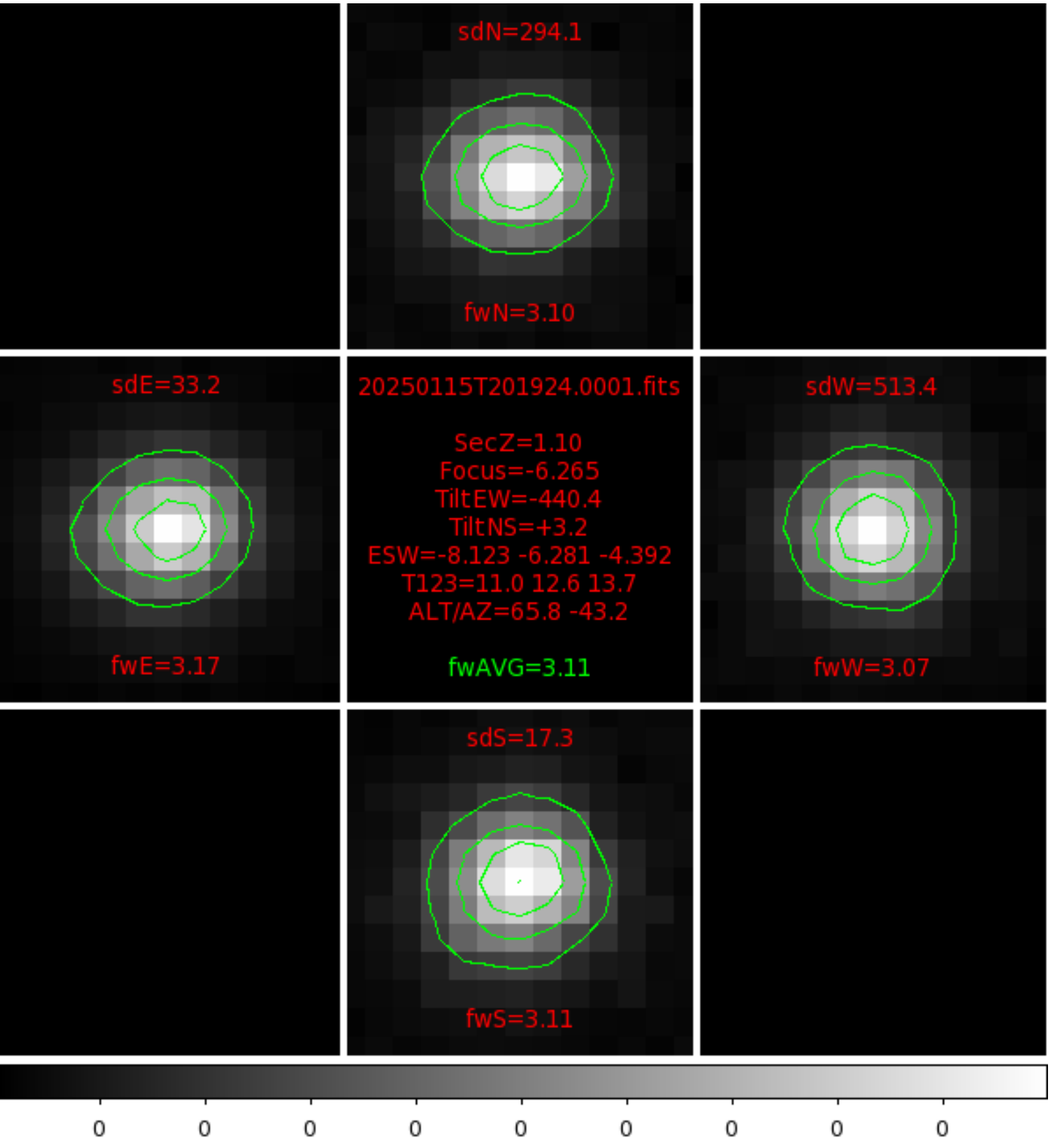
sdN=294.1
fwN=3.10
sdE=33.2
fwE=3.17
20250115T201924.0001.fits
SecZ=1.10
Focus=-6.265
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.123 -6.281 -4.392
T123=11.0 12.6 13.7
ALT/AZ=65.8 -43.2
fwAVG=3.11
sdW=513.4
fwW=3.07
sdS=17.3
fwS=3.11
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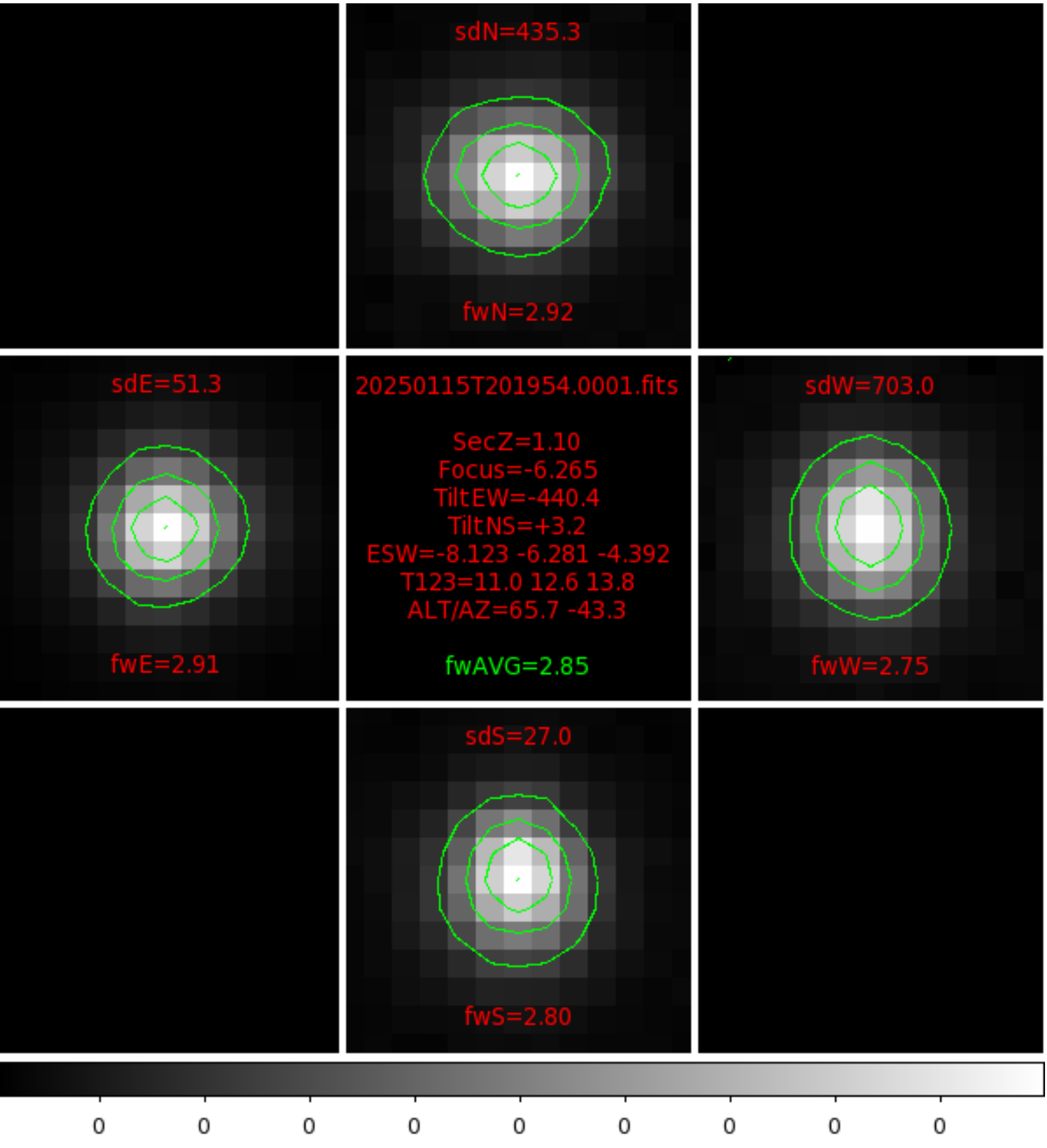
sdN=435.3
fwN=2.92
sdE=51.3
fwE=2.91
20250115T201954.0001.fits
SecZ=1.10
Focus=-6.265
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.123 -6.281 -4.392
T123=11.0 12.6 13.8
ALT/AZ=65.7 -43.3
fwAVG=2.85
sdW=703.0
fwW=2.75
sdS=27.0
fwS=2.80
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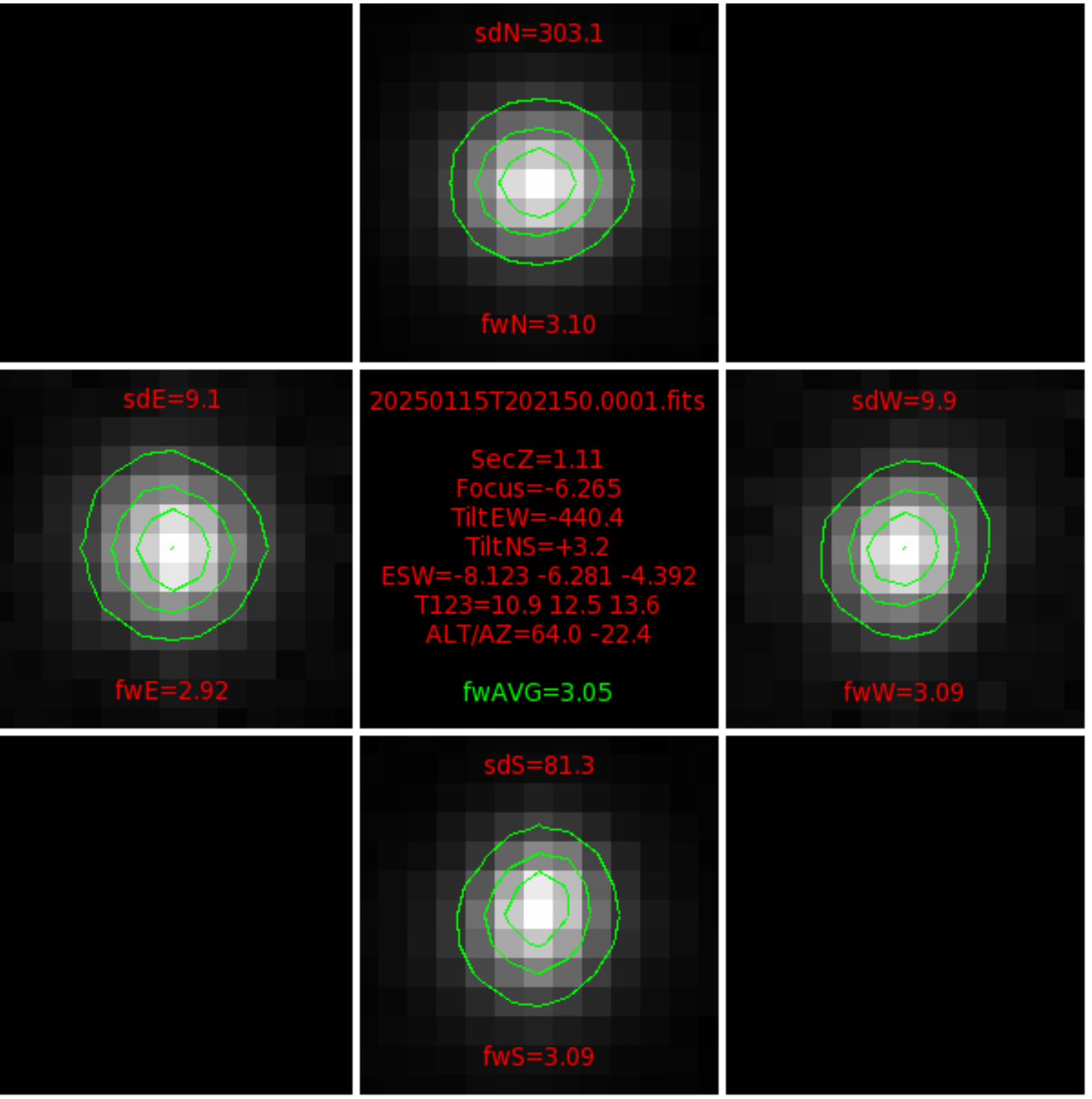
sdN=303.1
fwN=3.10
sdE=9.1
fwE=2.92
20250115T202150.0001.fits
SecZ=1.11
Focus=-6.265
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.123 -6.281 -4.392
T123=10.9 12.5 13.6
ALT/AZ=64.0 -22.4
fwAVG=3.05
sdW=9.9
fwW=3.09
sdS=81.3
fwS=3.09
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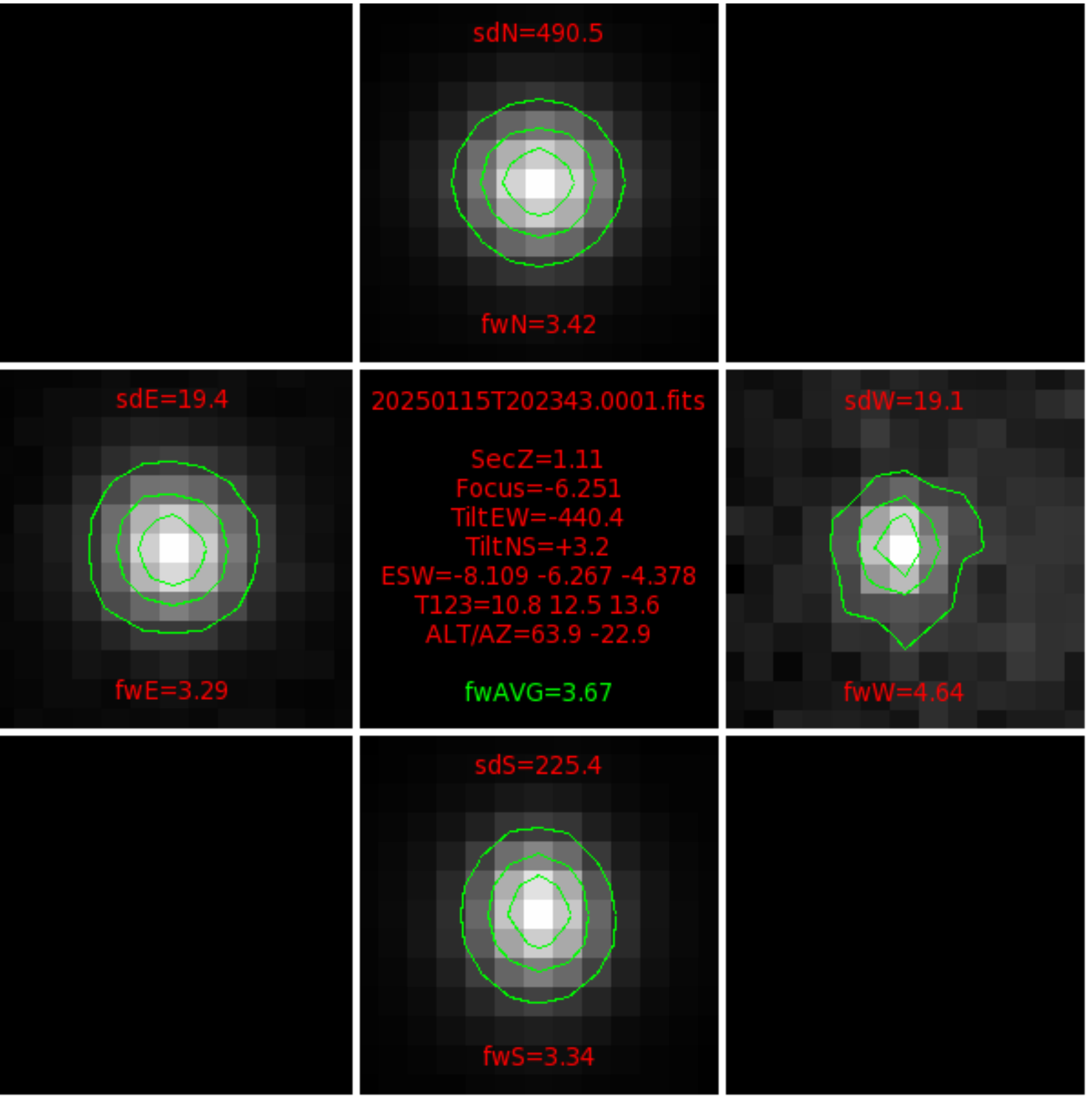
sdN=490.5
fwN=3.42
sdE=19.4
fwE=3.29
20250115T202343.0001.fits
SecZ=1.11
Focus=-6.251
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.109 -6.267 -4.378
T123=10.8 12.5 13.6
ALT/AZ=63.9 -22.9
fwAVG=3.67
sdW=19.1
fwW=4.64
sdS=225.4
fwS=3.34
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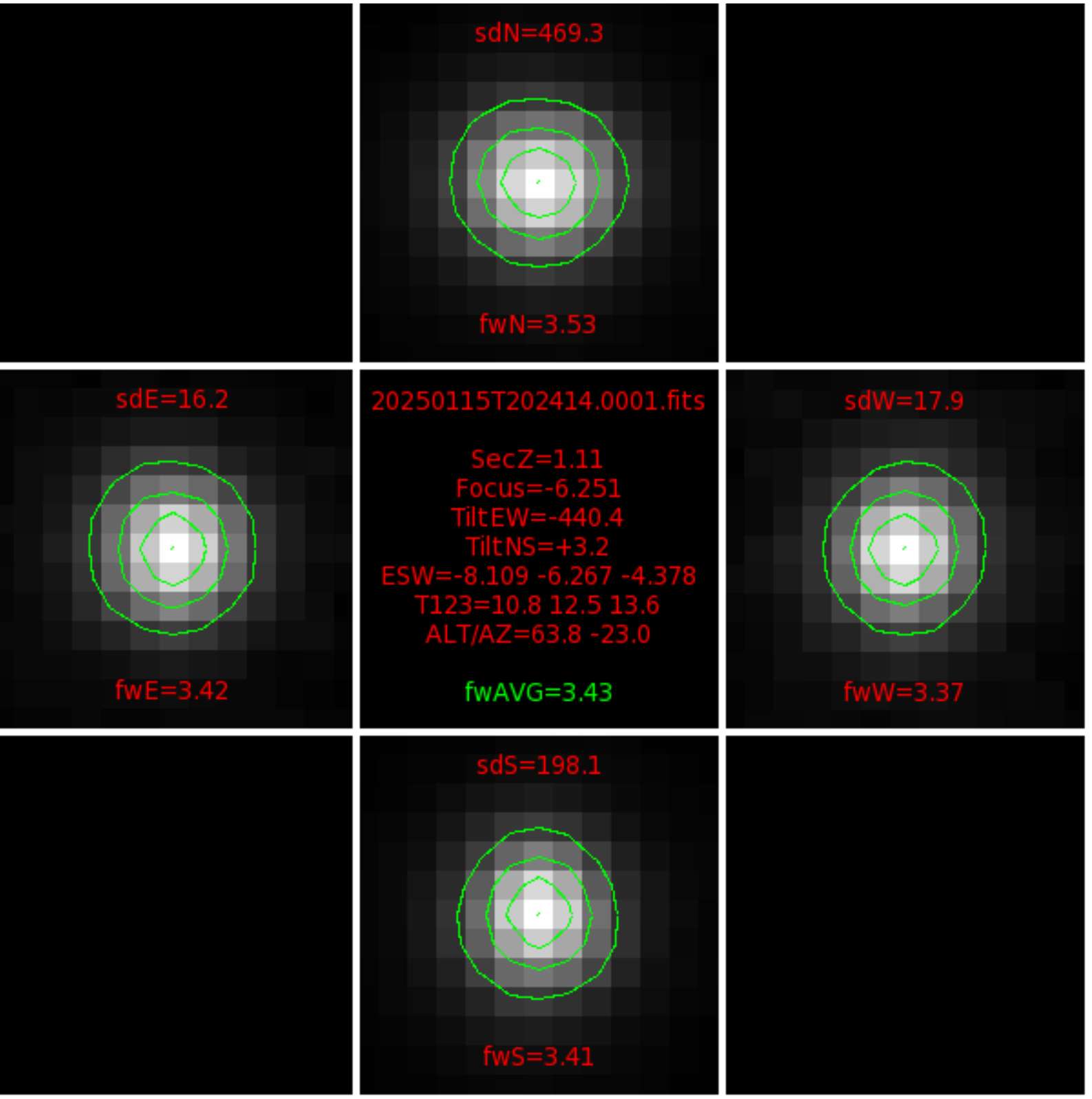
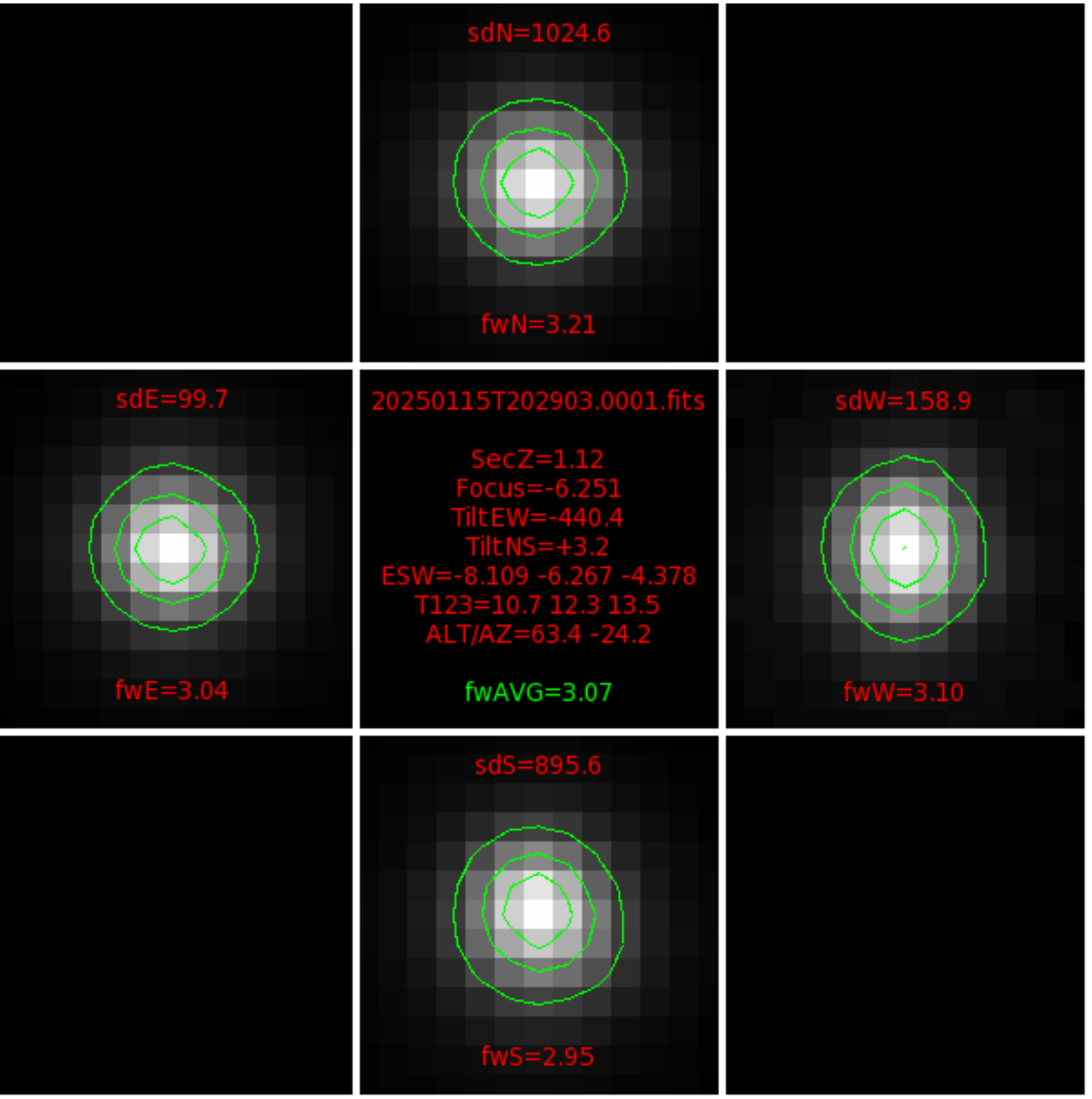
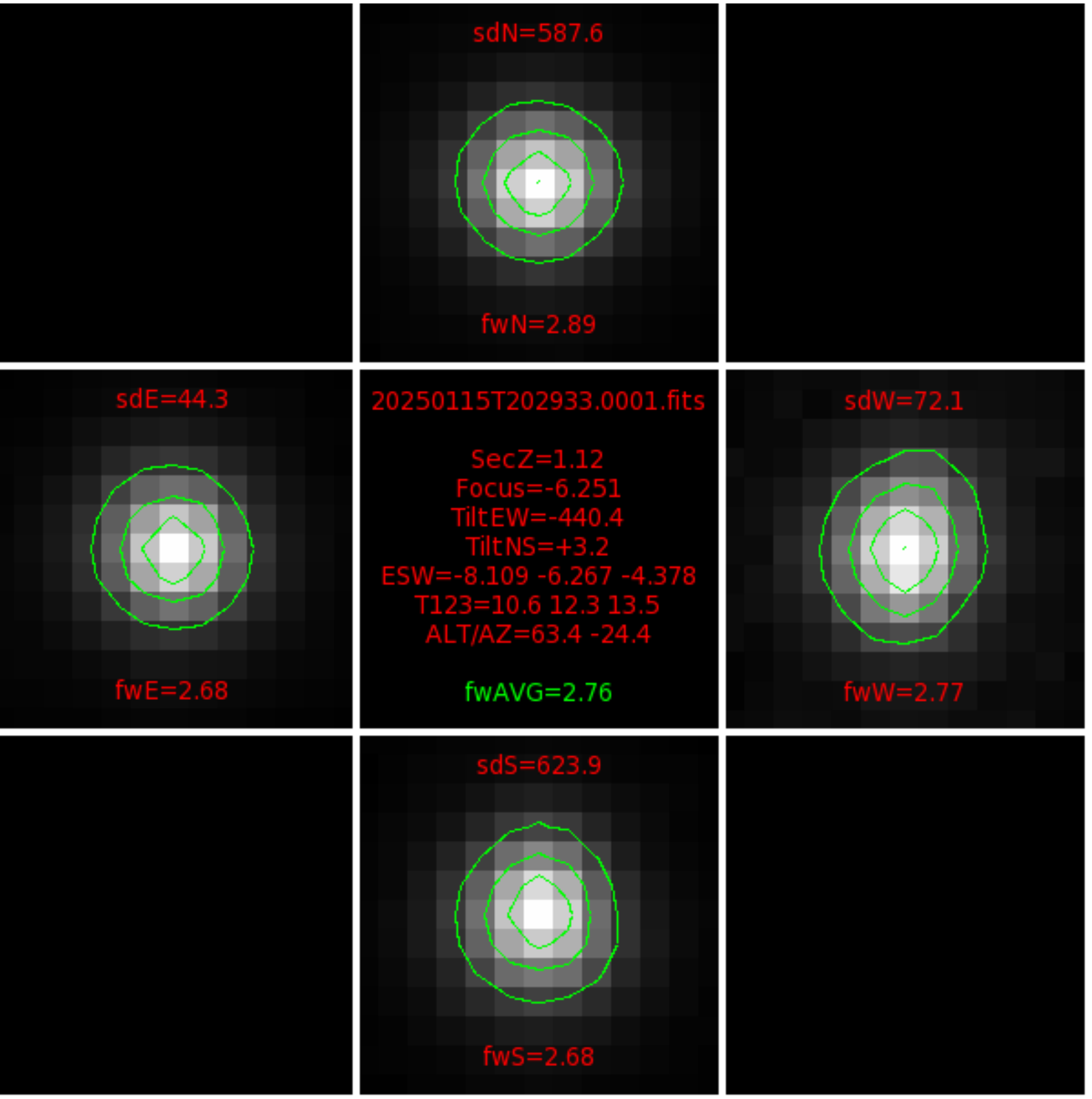
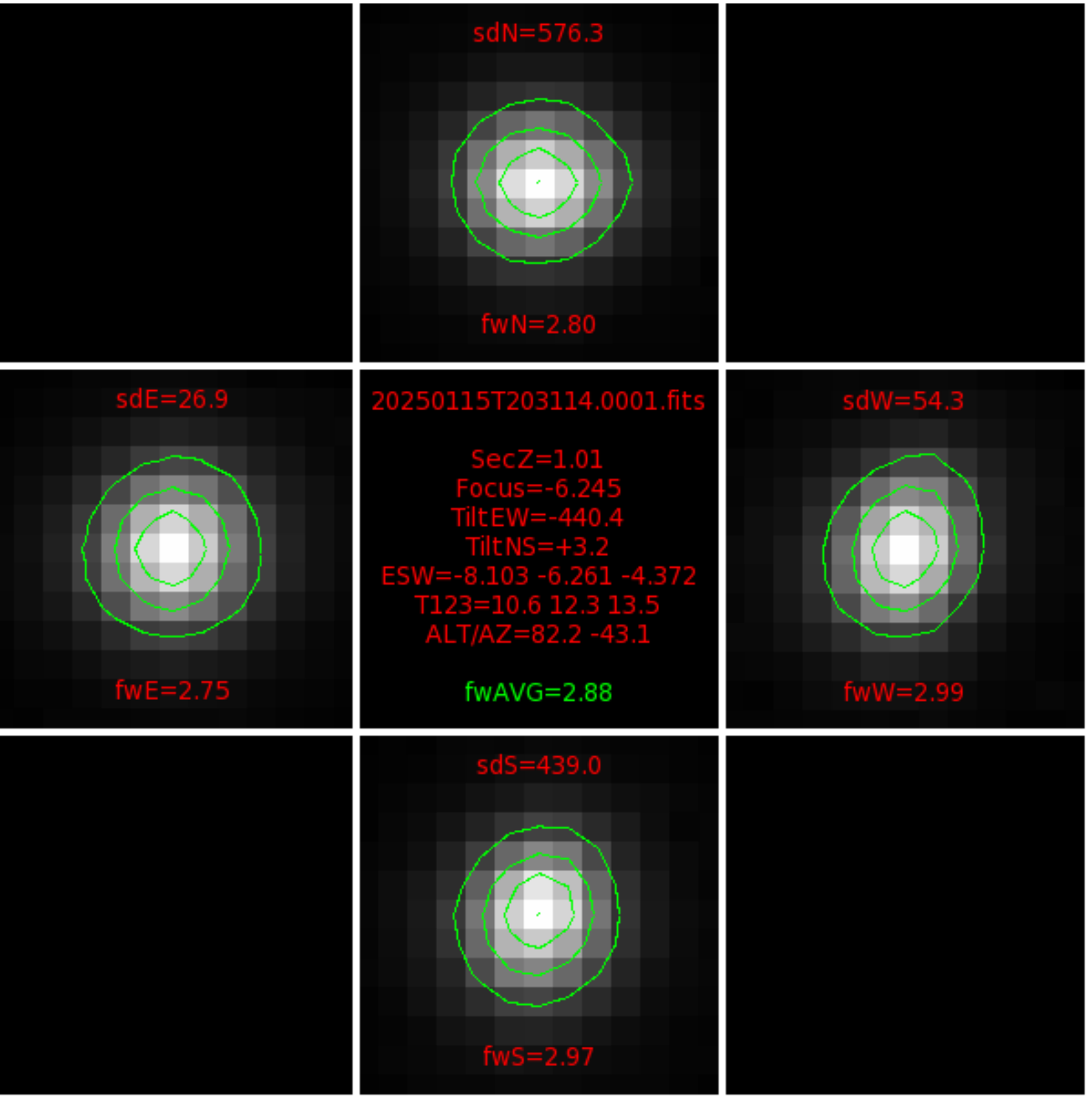

sdN=469.3
fwN=3.53
sdE=16.2
fwE=3.42
20250115T202414.0001.fits
SecZ=1.11
Focus=-6.251
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.109 -6.267 -4.378
T123=10.8 12.5 13.6
ALT/AZ=63.8 -23.0
fwAVG=3.43
sdW=17.9
fwW=3.37
sdS=198.1
fwS=3.41
0 0 0 0 0 0 0 0 0


sdN=1024.6
fwN=3.21
sdE=99.7
fwE=3.04
20250115T202903.0001.fits
SecZ=1.12
Focus=-6.251
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.109 -6.267 -4.378
T123=10.7 12.3 13.5
ALT/AZ=63.4 -24.2
fwAVG=3.07
sdW=158.9
fwW=3.10
sdS=895.6
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=587.6
fwN=2.89
sdE=44.3
fwE=2.68
20250115T202933.0001.fits
SecZ=1.12
Focus=-6.251
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.109 -6.267 -4.378
T123=10.6 12.3 13.5
ALT/AZ=63.4 -24.4
fwAVG=2.76
sdW=72.1
fwW=2.77
sdS=623.9
fwS=2.68
0 0 0 0 0 0 0 0 0


sdN=576.3
fwN=2.80
sdE=26.9
fwE=2.75
20250115T203114.0001.fits
SecZ=1.01
Focus=-6.245
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.103 -6.261 -4.372
T123=10.6 12.3 13.5
ALT/AZ=82.2 -43.1
fwAVG=2.88
sdW=54.3
fwW=2.99
sdS=439.0
fwS=2.97
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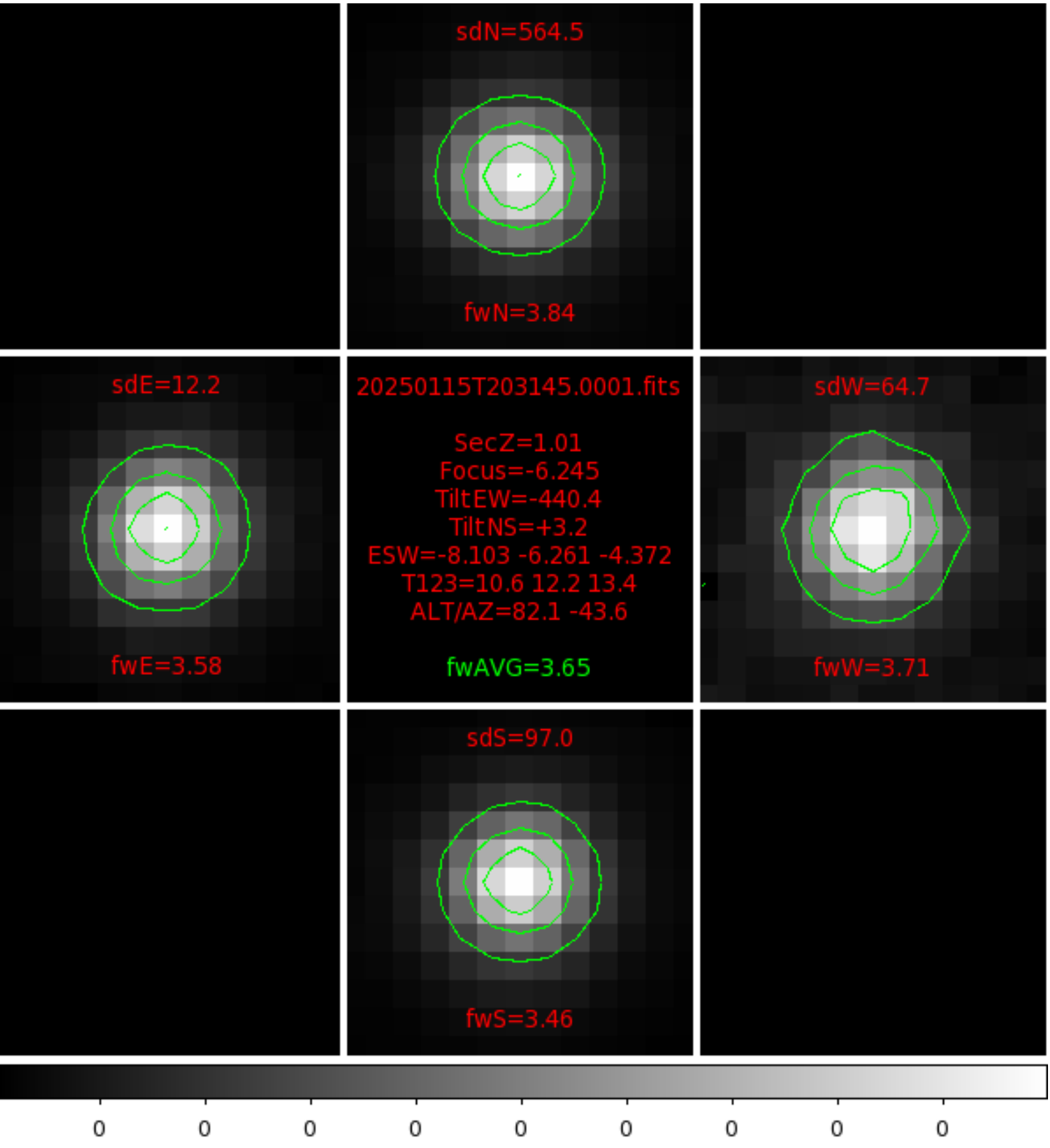
sdN=564.5
fwN=3.84
sdE=12.2
fwE=3.58
20250115T203145.0001.fits
SecZ=1.01
Focus=-6.245
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.103 -6.261 -4.372
T123=10.6 12.2 13.4
ALT/AZ=82.1 -43.6
fwAVG=3.65
sdW=64.7
fwW=3.71
sdS=97.0
fwS=3.46
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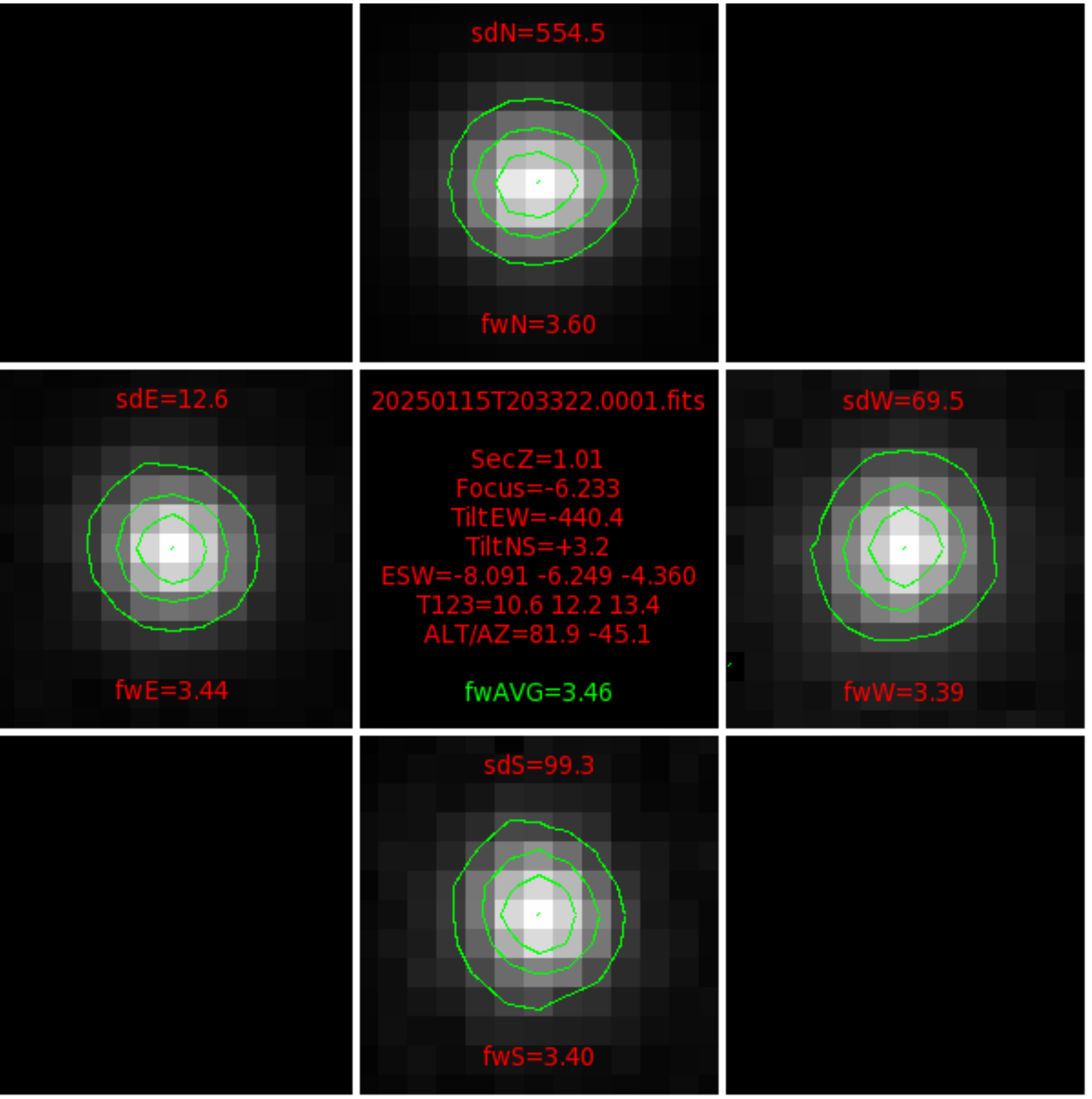
sdN=554.5
fwN=3.60
sdE=12.6
fwE=3.44
20250115T203322.0001.fits
SecZ=1.01
Focus=-6.233
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.091 -6.249 -4.360
T123=10.6 12.2 13.4
ALT/AZ=81.9 -45.1
fwAVG=3.46
sdW=69.5
fwW=3.39
sdS=99.3
fwS=3.40
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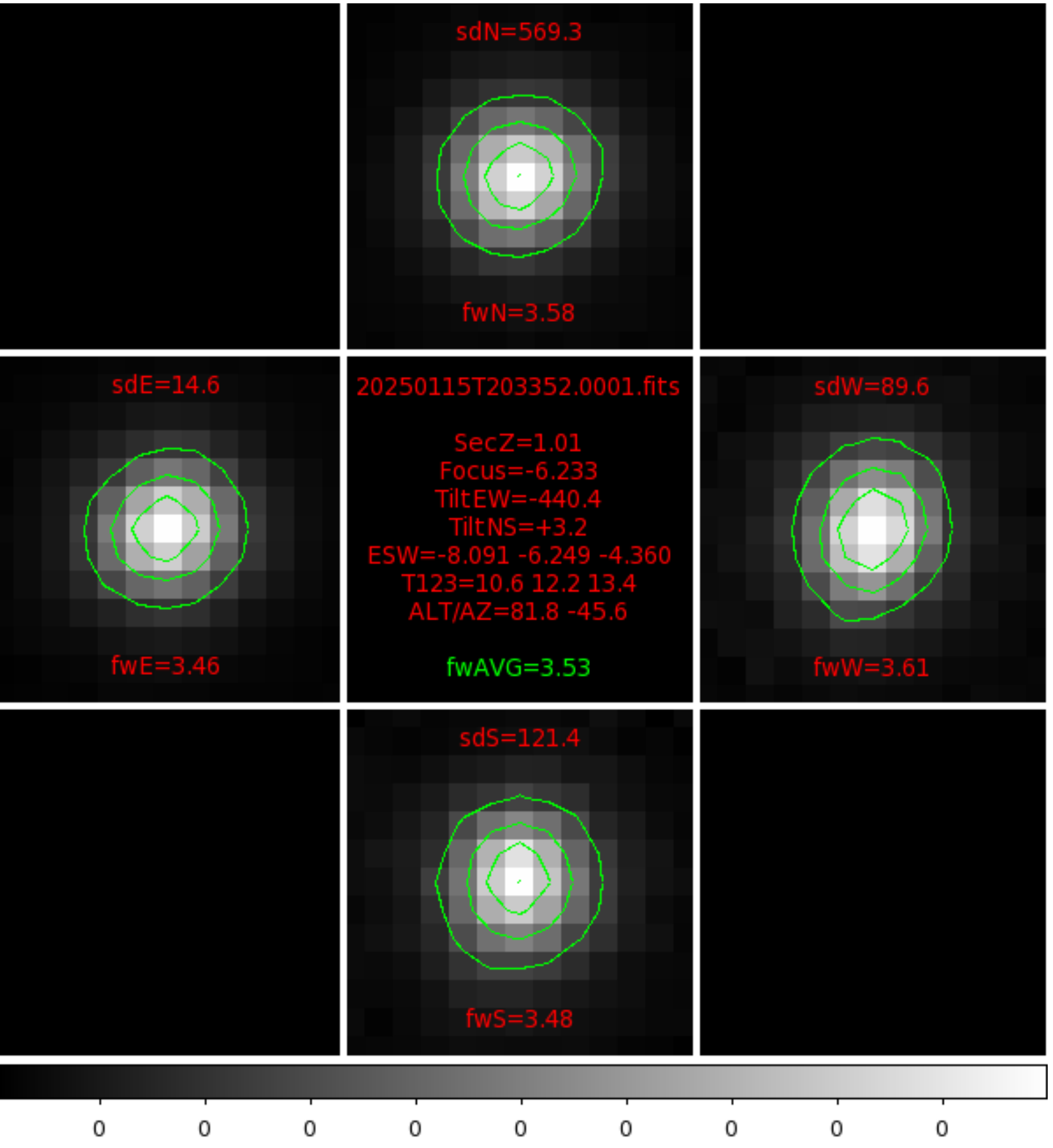
sdN=569.3
fwN=3.58
sdE=14.6
fwE=3.46
20250115T203352.0001.fits
SecZ=1.01
Focus=-6.233
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.091 -6.249 -4.360
T123=10.6 12.2 13.4
ALT/AZ=81.8 -45.6
fwAVG=3.53
sdW=89.6
fwW=3.61
sdS=121.4
fwS=3.48
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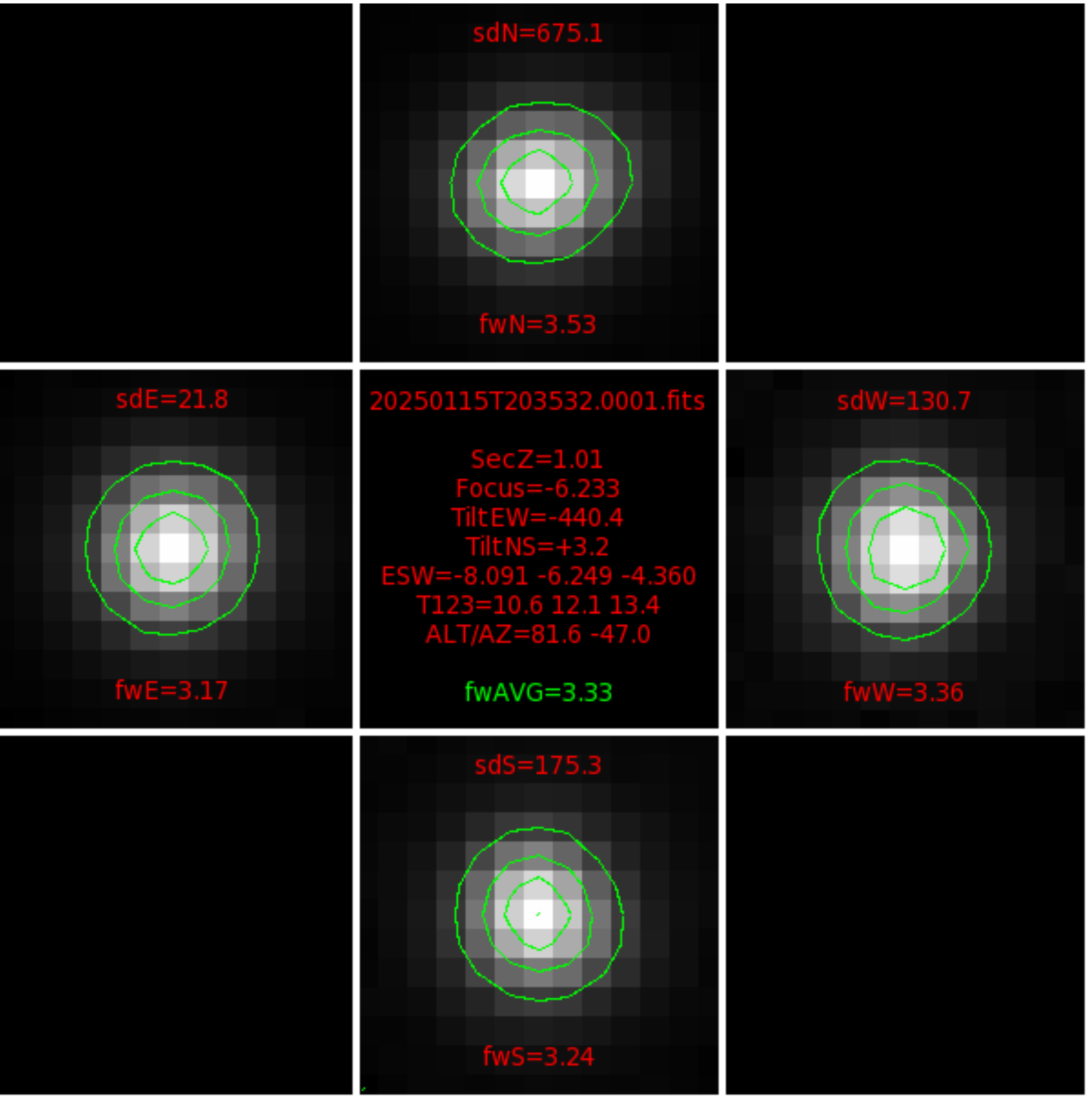
sdN=675.1
fwN=3.53
sdE=21.8
fwE=3.17
20250115T203532.0001.fits
SecZ=1.01
Focus=-6.233
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.091 -6.249 -4.360
T123=10.6 12.1 13.4
ALT/AZ=81.6 -47.0
fwAVG=3.33
sdW=130.7
fwW=3.36
sdS=175.3
fwS=3.24
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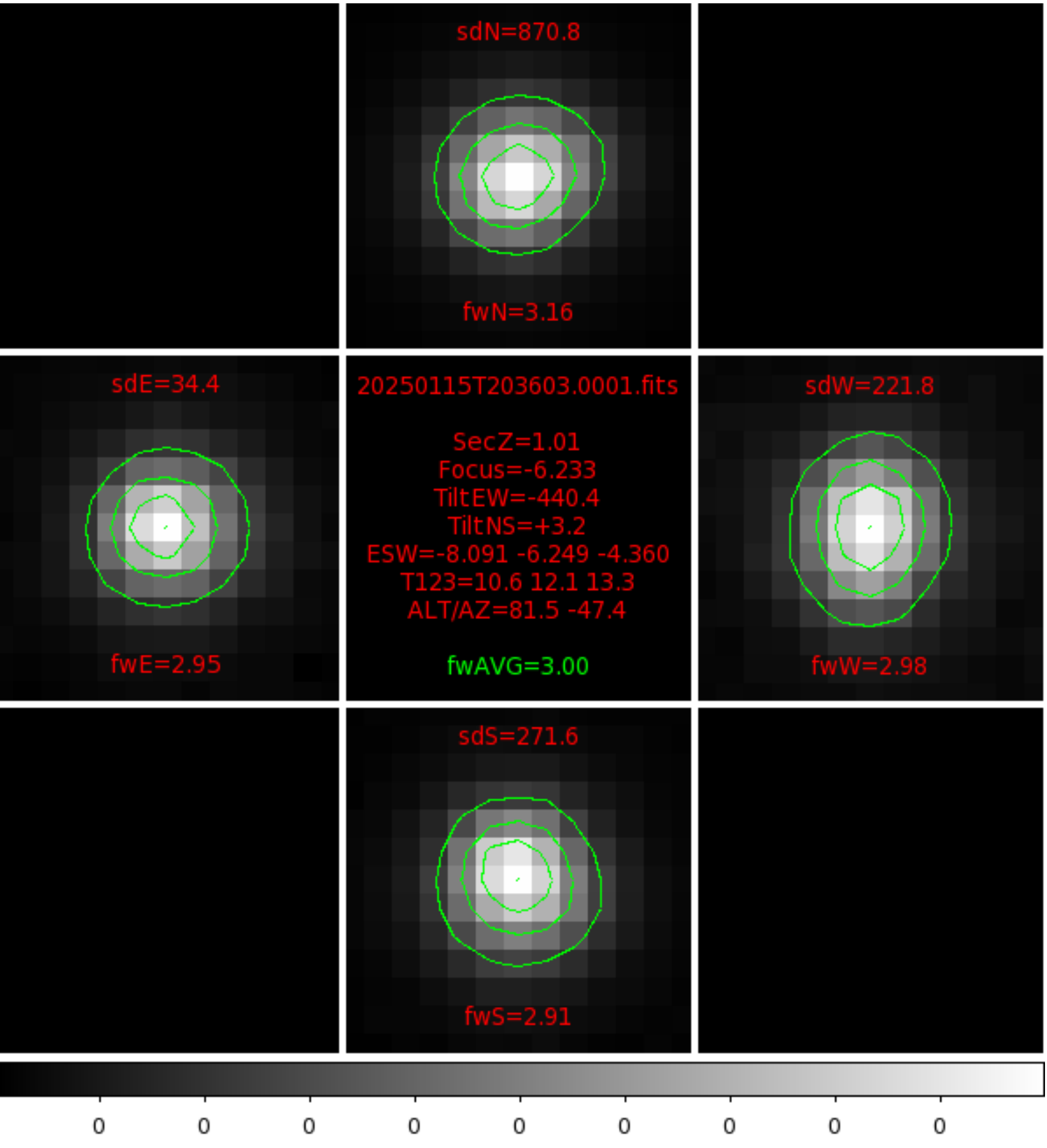
sdN=870.8
fwN=3.16
sdE=34.4
fwE=2.95
20250115T203603.0001.fits
SecZ=1.01
Focus=-6.233
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.091 -6.249 -4.360
T123=10.6 12.1 13.3
ALT/AZ=81.5 -47.4
fwAVG=3.00
sdW=221.8
fwW=2.98
sdS=271.6
fwS=2.91
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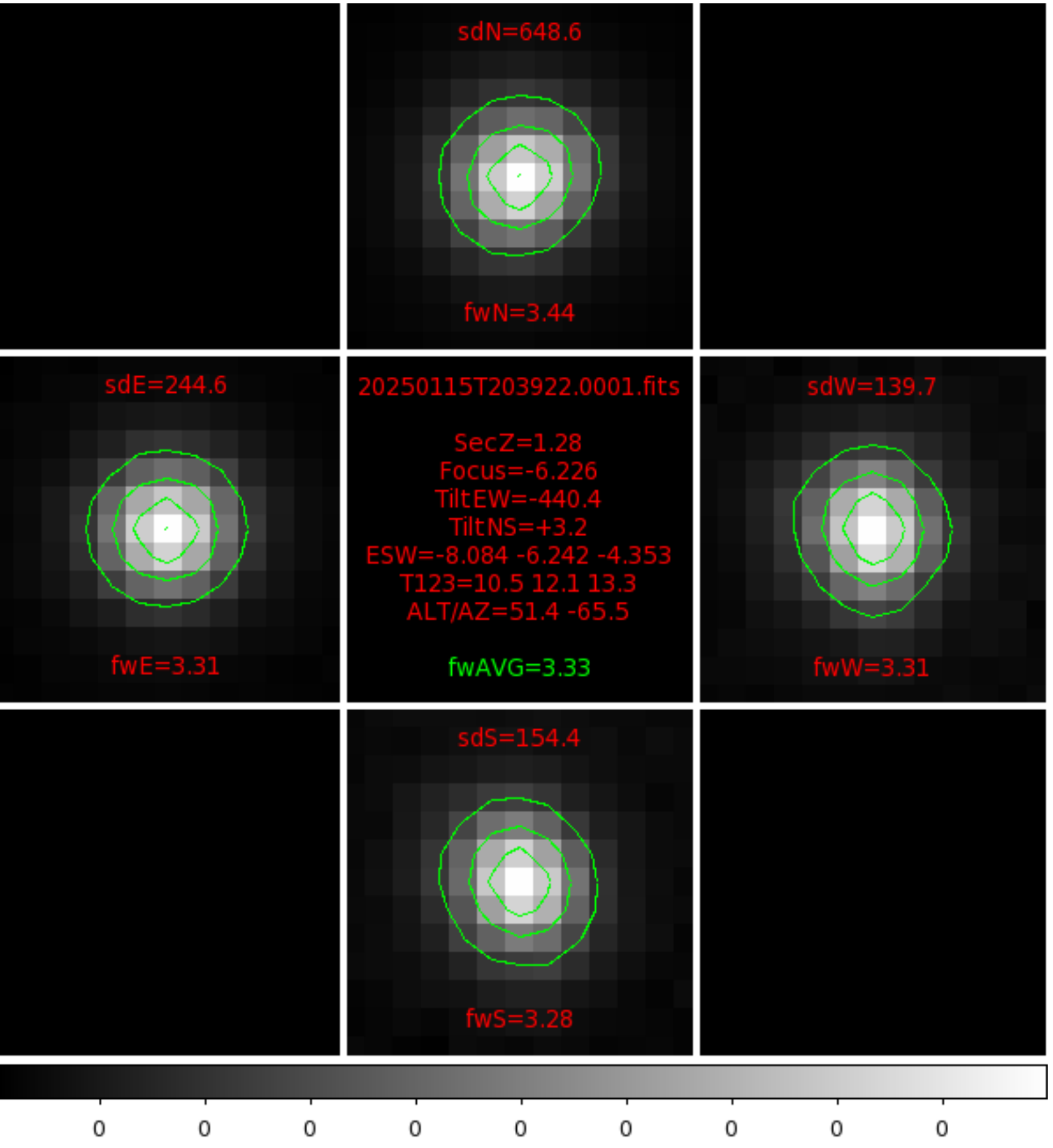
sdN=648.6
fwN=3.44
sdE=244.6
fwE=3.31
20250115T203922.0001.fits
SecZ=1.28
Focus=-6.226
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.084 -6.242 -4.353
T123=10.5 12.1 13.3
ALT/AZ=51.4 -65.5
fwAVG=3.33
sdW=139.7
fwW=3.31
sdS=154.4
fwS=3.28
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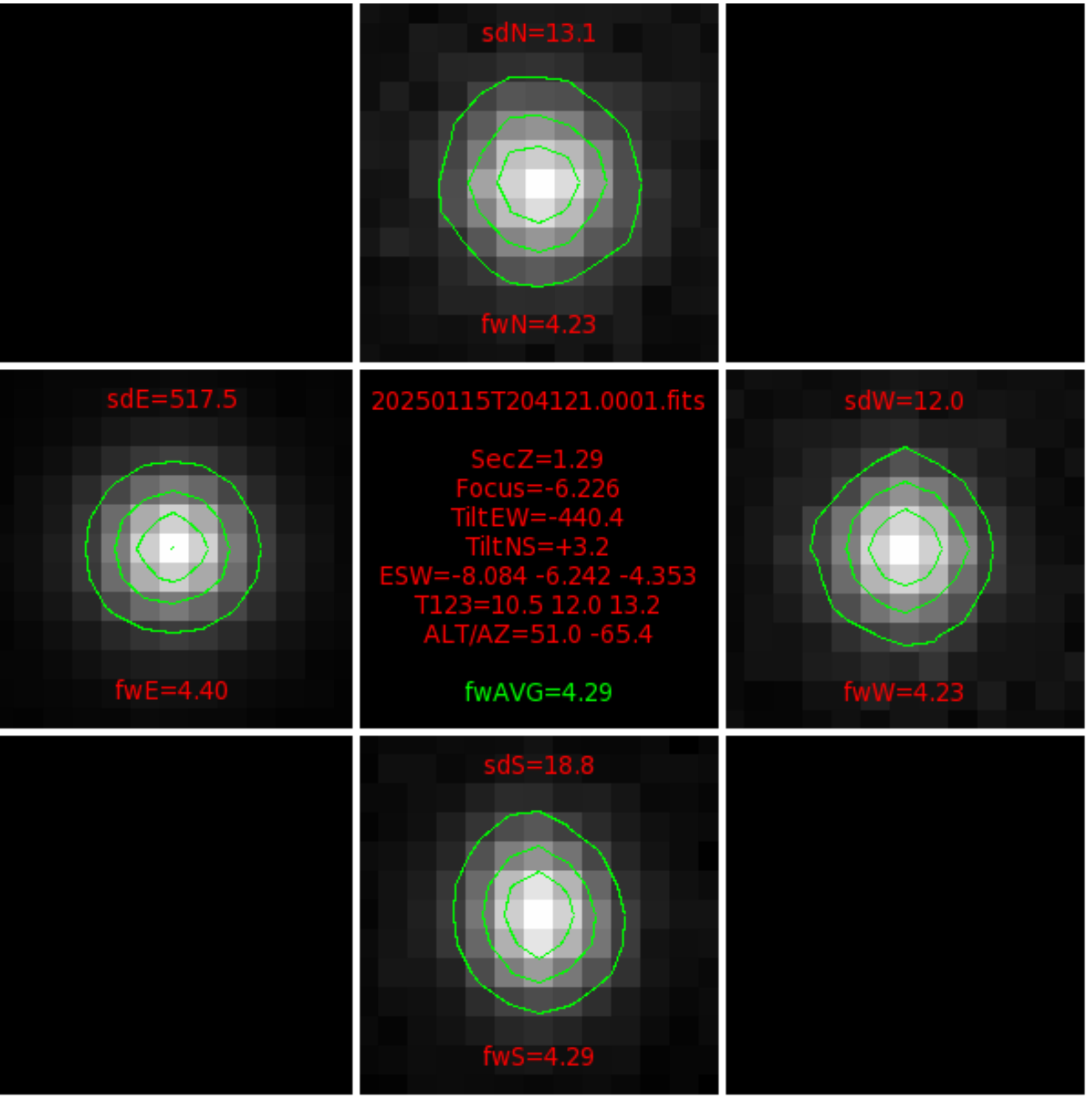
sdN=13.1
fwN=4.23
sdE=517.5
fwE=4.40
20250115T204121.0001.fits
SecZ=1.29
Focus=-6.226
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.084 -6.242 -4.353
T123=10.5 12.0 13.2
ALT/AZ=51.0 -65.4
fwAVG=4.29
sdW=12.0
fwW=4.23
sdS=18.8
fwS=4.29
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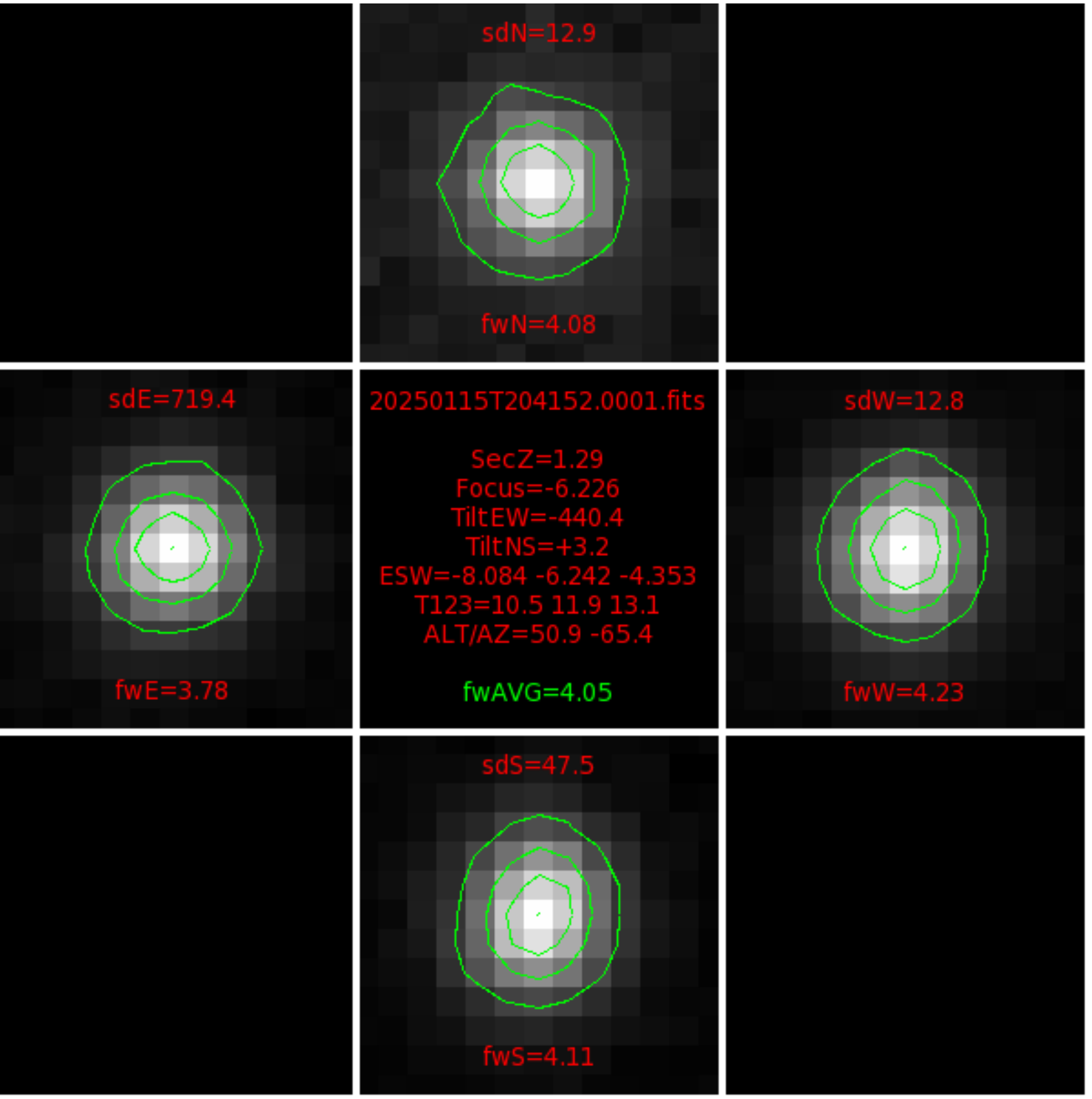
sdN=12.9
fwN=4.08
sdE=719.4
fwE=3.78
20250115T204152.0001.fits
SecZ=1.29
Focus=-6.226
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.084 -6.242 -4.353
T123=10.5 11.9 13.1
ALT/AZ=50.9 -65.4
fwAVG=4.05
sdW=12.8
fwW=4.23
sdS=47.5
fwS=4.11
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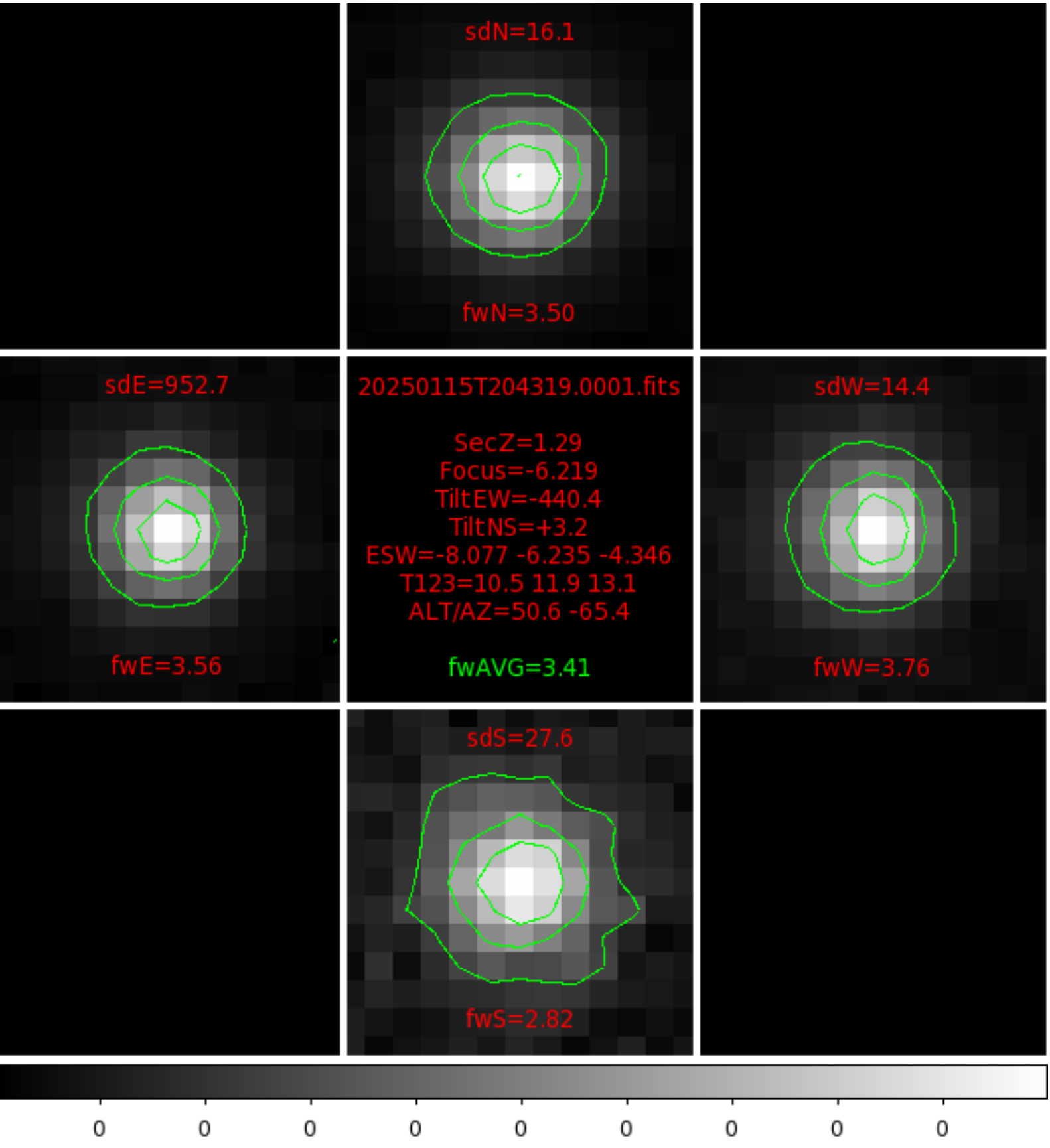
sdN=16.1
fwN=3.50
sdE=952.7
fwE=3.56
20250115T204319.0001.fits
SecZ=1.29
Focus=-6.219
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.077 -6.235 -4.346
T123=10.5 11.9 13.1
ALT/AZ=50.6 -65.4
fwAVG=3.41
sdW=14.4
fwW=3.76
sdS=27.6
fwS=2.82
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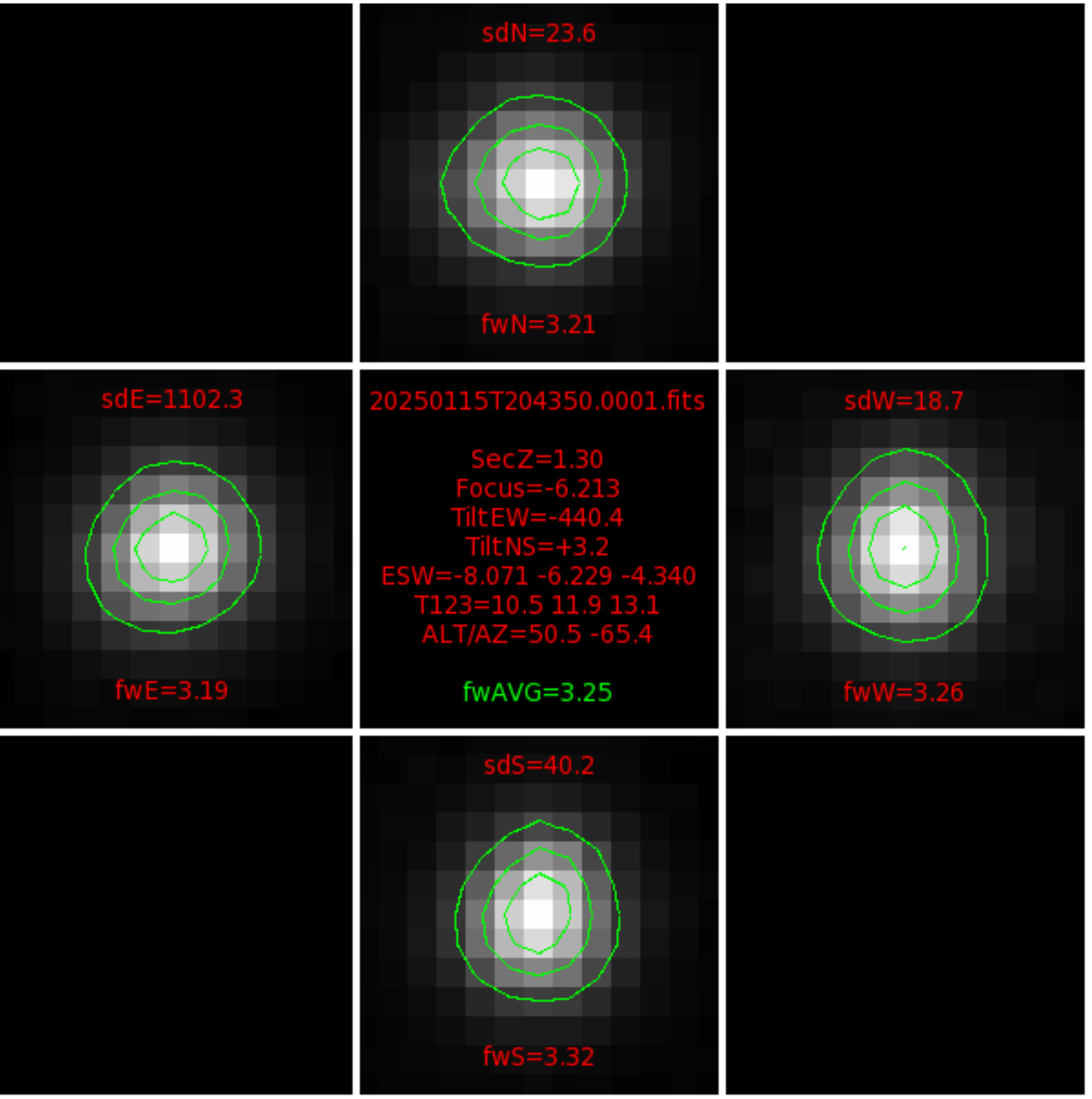
sdN=23.6
fwN=3.21
sdE=1102.3
fwE=3.19
20250115T204350.0001.fits
SecZ=1.30
Focus=-6.213
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.071 -6.229 -4.340
T123=10.5 11.9 13.1
ALT/AZ=50.5 -65.4
fwAVG=3.25
sdW=18.7
fwW=3.26
sdS=40.2
fwS=3.32
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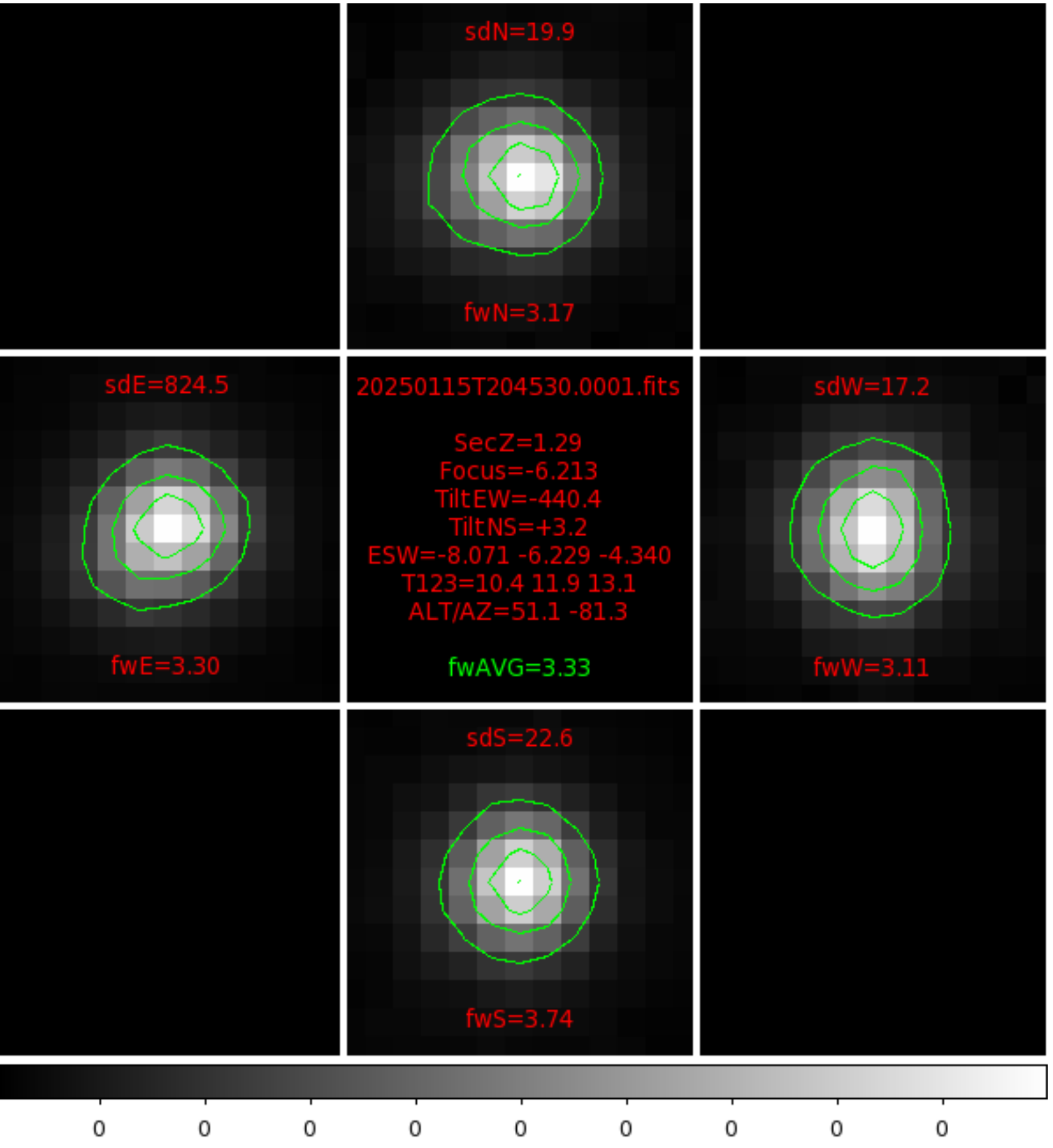
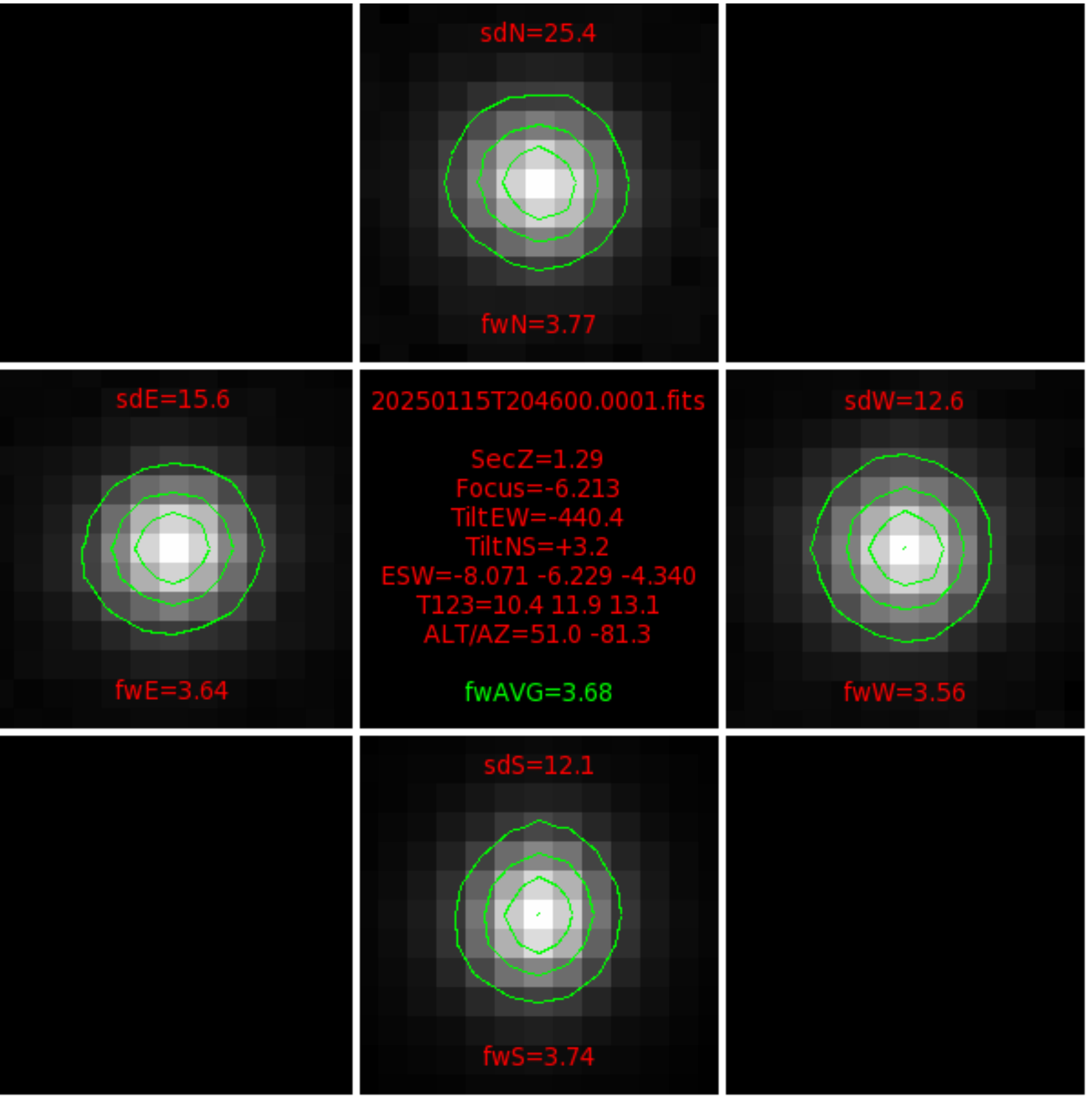
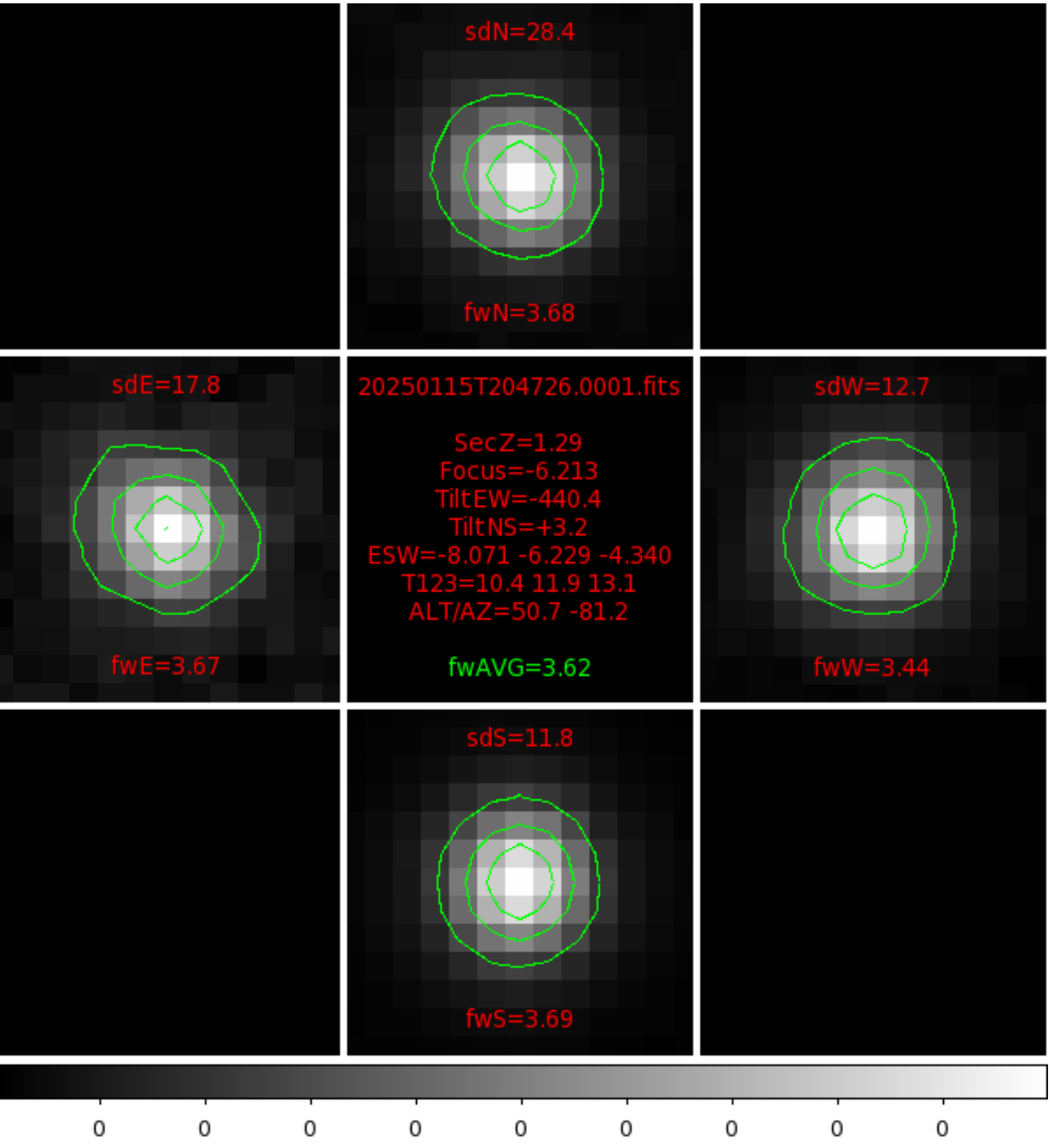

sdN=19.9
fwN=3.17
sdE=824.5
fwE=3.30
20250115T204530.0001.fits
SecZ=1.29
Focus=-6.213
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.071 -6.229 -4.340
T123=10.4 11.9 13.1
ALT/AZ=51.1 -81.3
fwAVG=3.33
sdW=17.2
fwW=3.11
sdS=22.6
fwS=3.74
0 0 0 0 0 0 0 0 0


sdN=25.4
fwN=3.77
sdE=15.6
fwE=3.64
20250115T204600.0001.fits
SecZ=1.29
Focus=-6.213
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.071 -6.229 -4.340
T123=10.4 11.9 13.1
ALT/AZ=51.0 -81.3
fwAVG=3.68
sdW=12.6
fwW=3.56
sdS=12.1
fwS=3.74
0 0 0 0 0 0 0 0 0


sdN=28.4
fwN=3.68
sdE=17.8
fwE=3.67
20250115T204726.0001.fits
SecZ=1.29
Focus=-6.213
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.071 -6.229 -4.340
T123=10.4 11.9 13.1
ALT/AZ=50.7 -81.2
fwAVG=3.62
sdW=12.7
fwW=3.44
sdS=11.8
fwS=3.69
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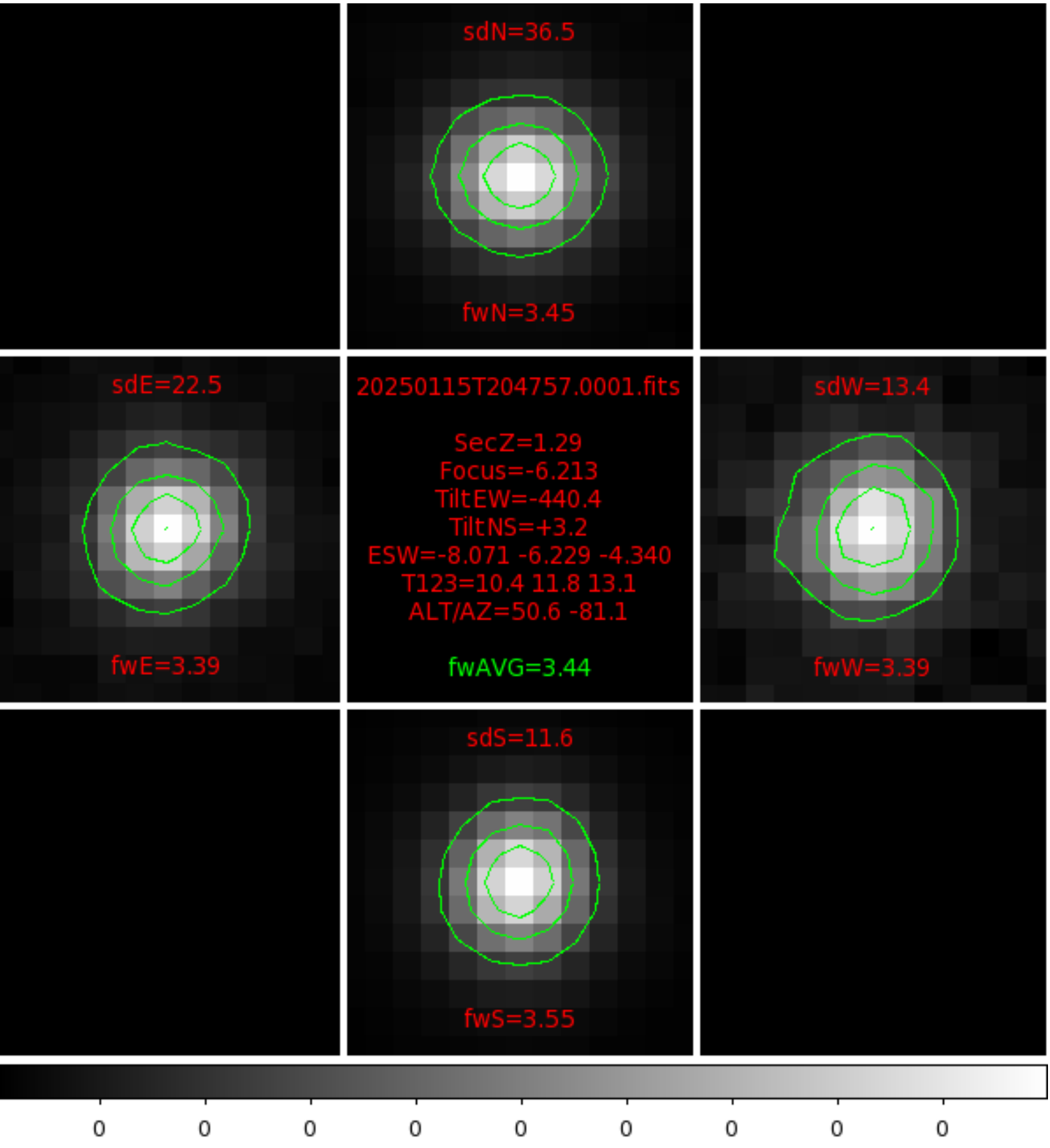
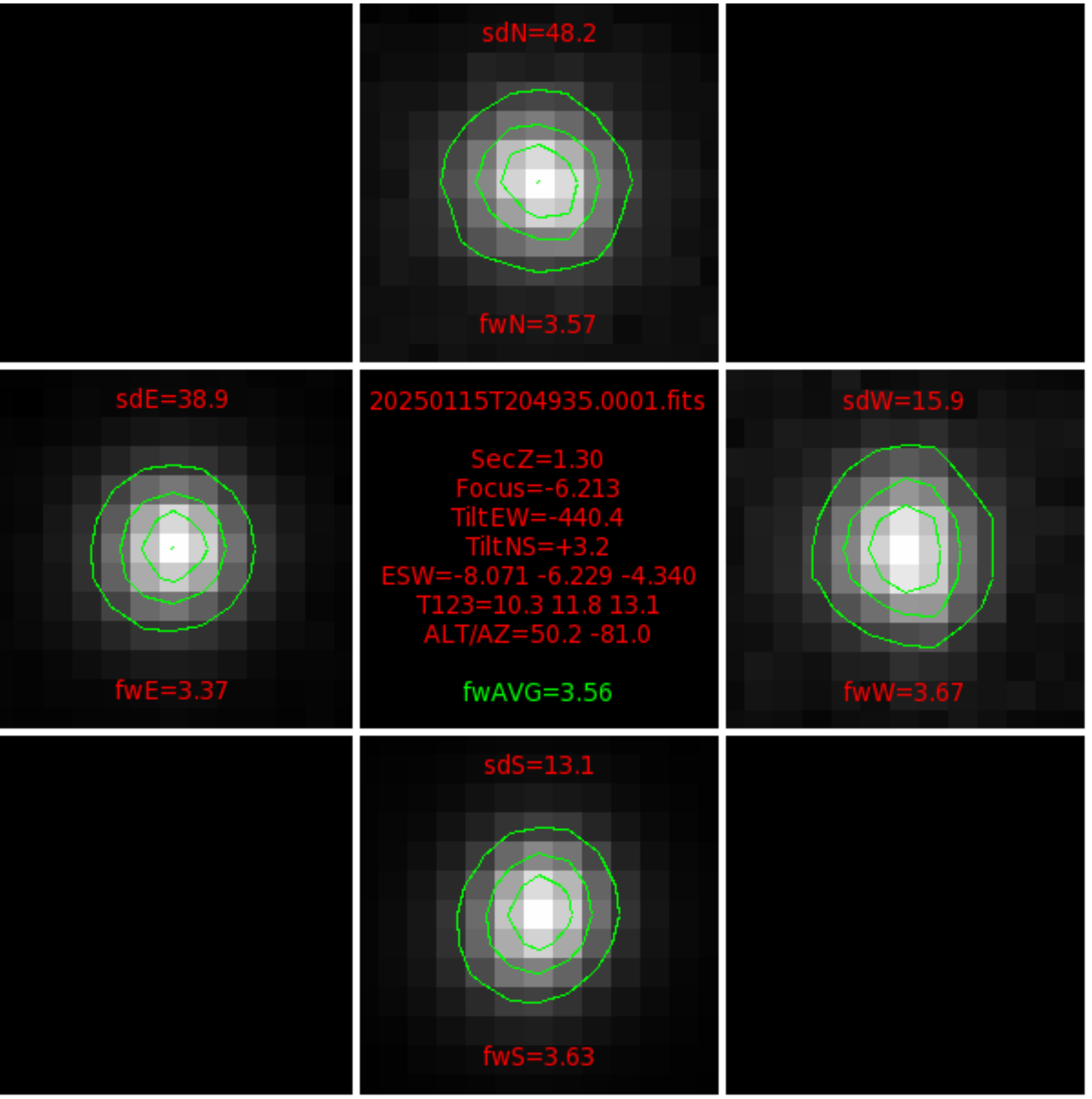

sdN=36.5
fwN=3.45
sdE=22.5
fwE=3.39
20250115T204757.0001.fits
SecZ=1.29
Focus=-6.213
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.071 -6.229 -4.340
T123=10.4 11.8 13.1
ALT/AZ=50.6 -81.1
fwAVG=3.44
sdW=13.4
fwW=3.39
sdS=11.6
fwS=3.55
0 0 0 0 0 0 0 0 0


sdN=48.2
fwN=3.57
sdE=38.9
fwE=3.37
20250115T204935.0001.fits
SecZ=1.30
Focus=-6.213
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.071 -6.229 -4.340
T123=10.3 11.8 13.1
ALT/AZ=50.2 -81.0
fwAVG=3.56
sdW=15.9
fwW=3.67
sdS=13.1
fwS=3.63
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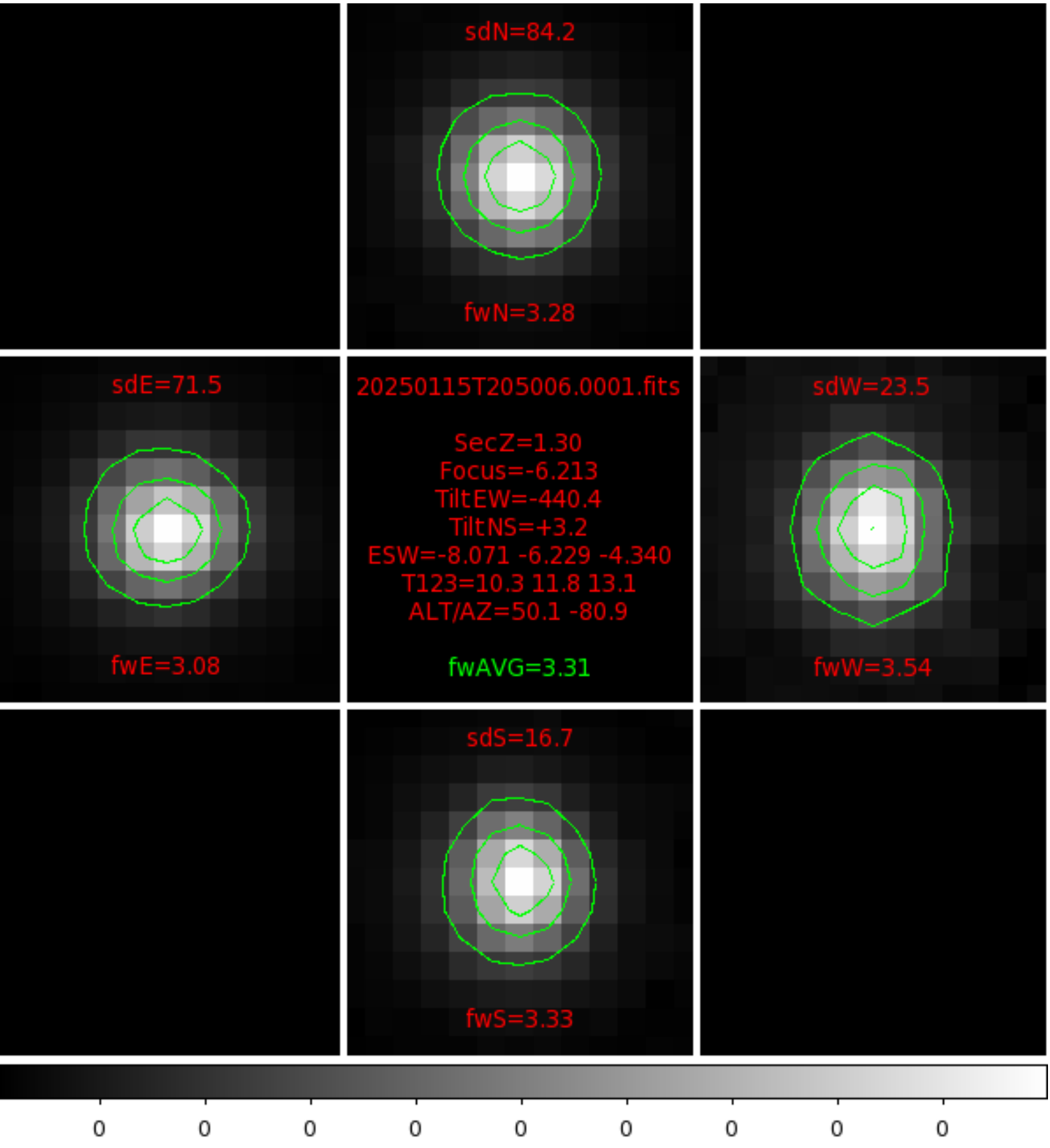
sdN=84.2
fwN=3.28
sdE=71.5
fwE=3.08
20250115T205006.0001.fits
SecZ=1.30
Focus=-6.213
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.071 -6.229 -4.340
T123=10.3 11.8 13.1
ALT/AZ=50.1 -80.9
fwAVG=3.31
sdW=23.5
fwW=3.54
sdS=16.7
fwS=3.33
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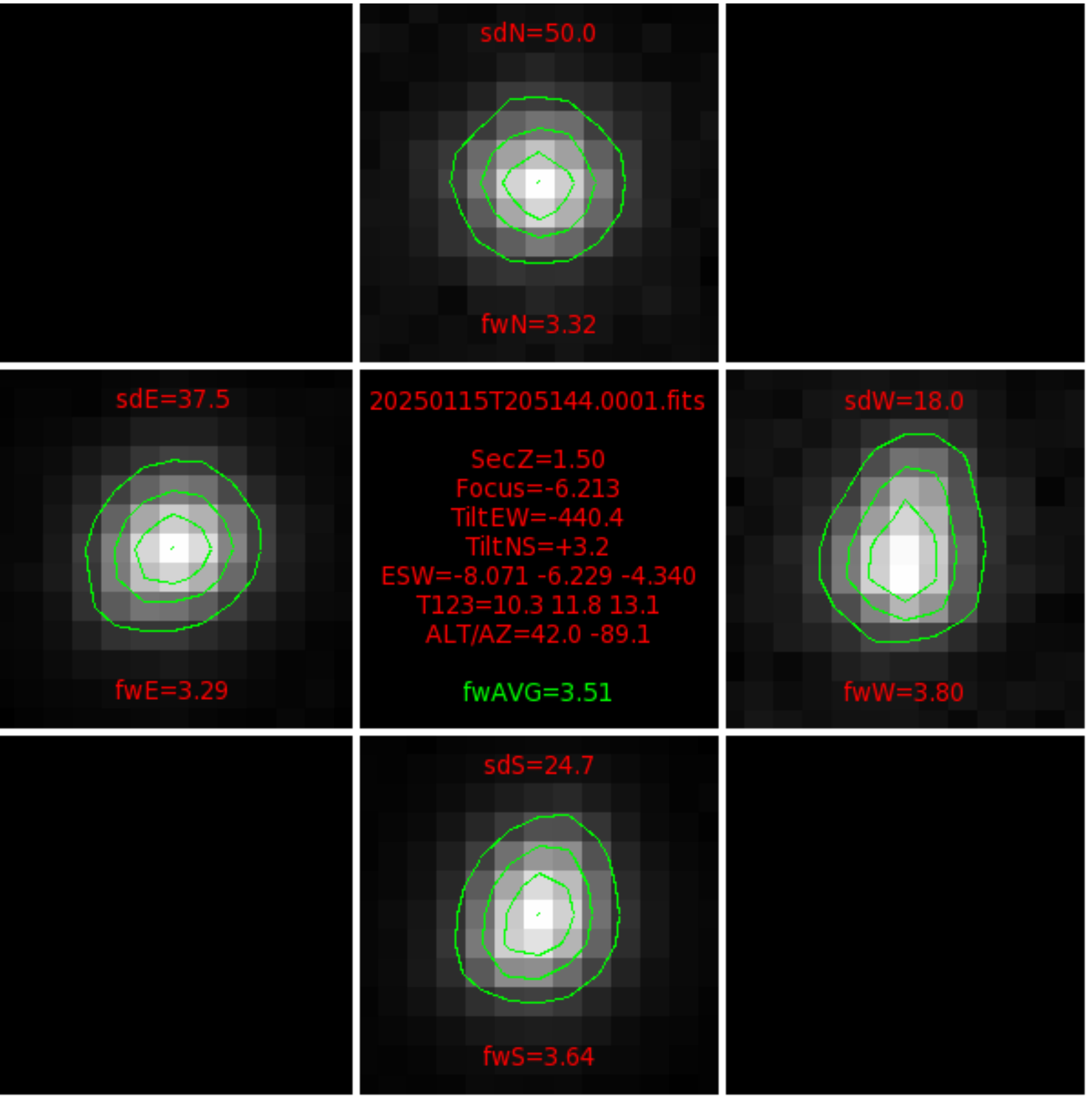
sdN=50.0
fwN=3.32
sdE=37.5
fwE=3.29
20250115T205144.0001.fits
SecZ=1.50
Focus=-6.213
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.071 -6.229 -4.340
T123=10.3 11.8 13.1
ALT/AZ=42.0 -89.1
fwAVG=3.51
sdW=18.0
fwW=3.80
sdS=24.7
fwS=3.64
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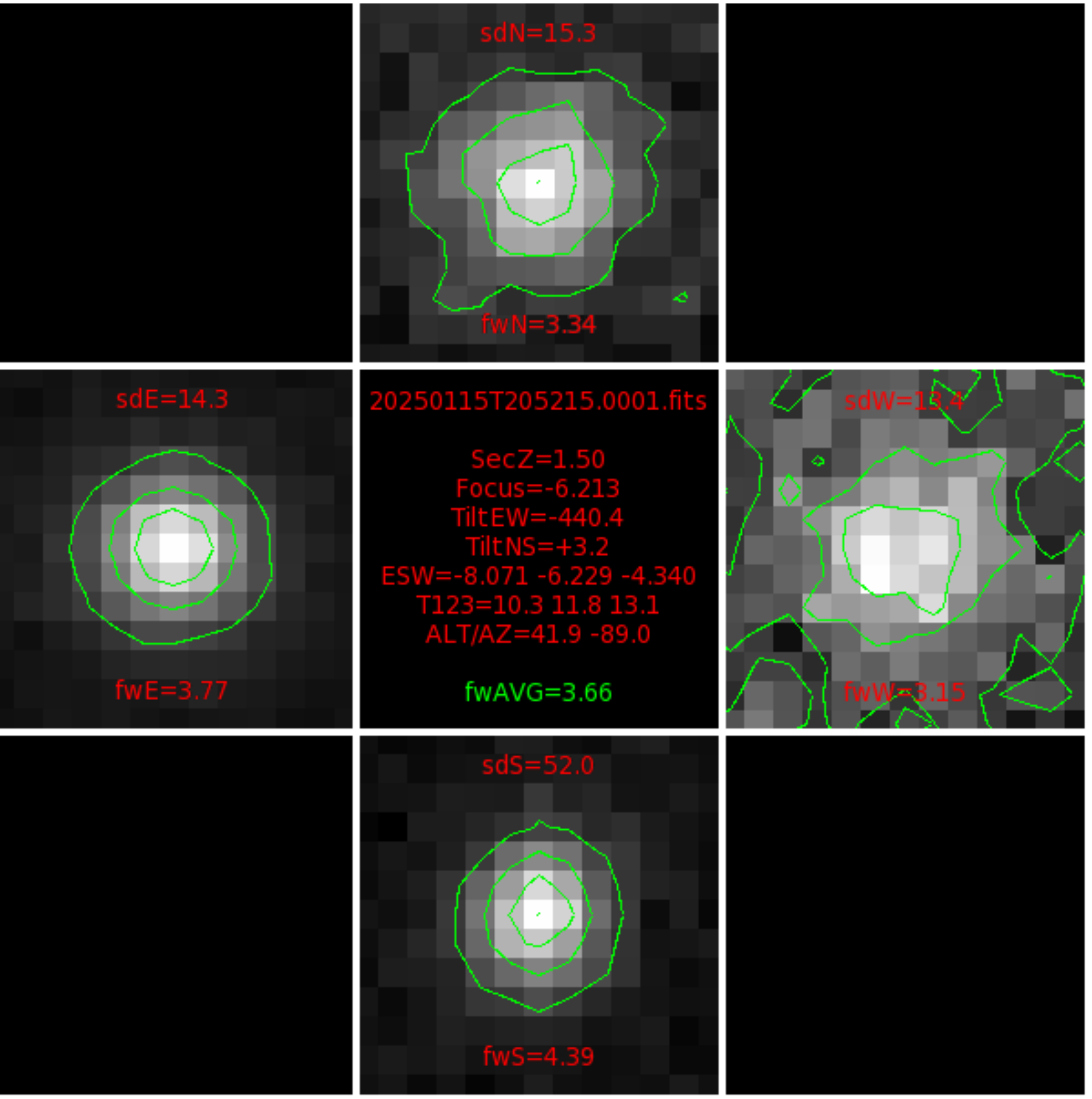
sdN=15.3
fwN=3.34
sdE=14.3
fwE=3.77
20250115T205215.0001.fits
SecZ=1.50
Focus=-6.213
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.071 -6.229 -4.340
T123=10.3 11.8 13.1
ALT/AZ=41.9 -89.0
fwAVG=3.66
sdW=13.4
fwW=3.15
sdS=52.0
fwS=4.39
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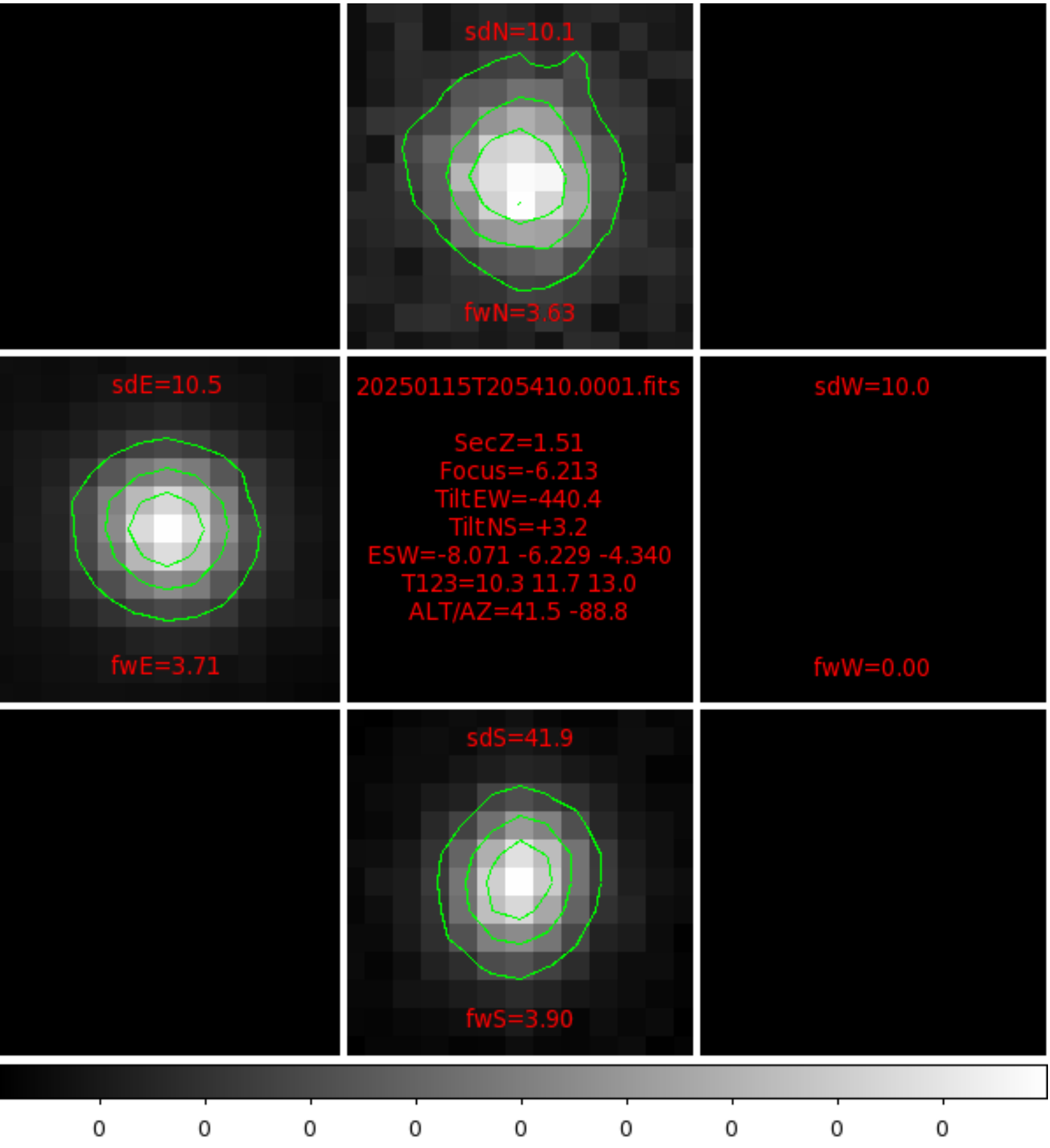
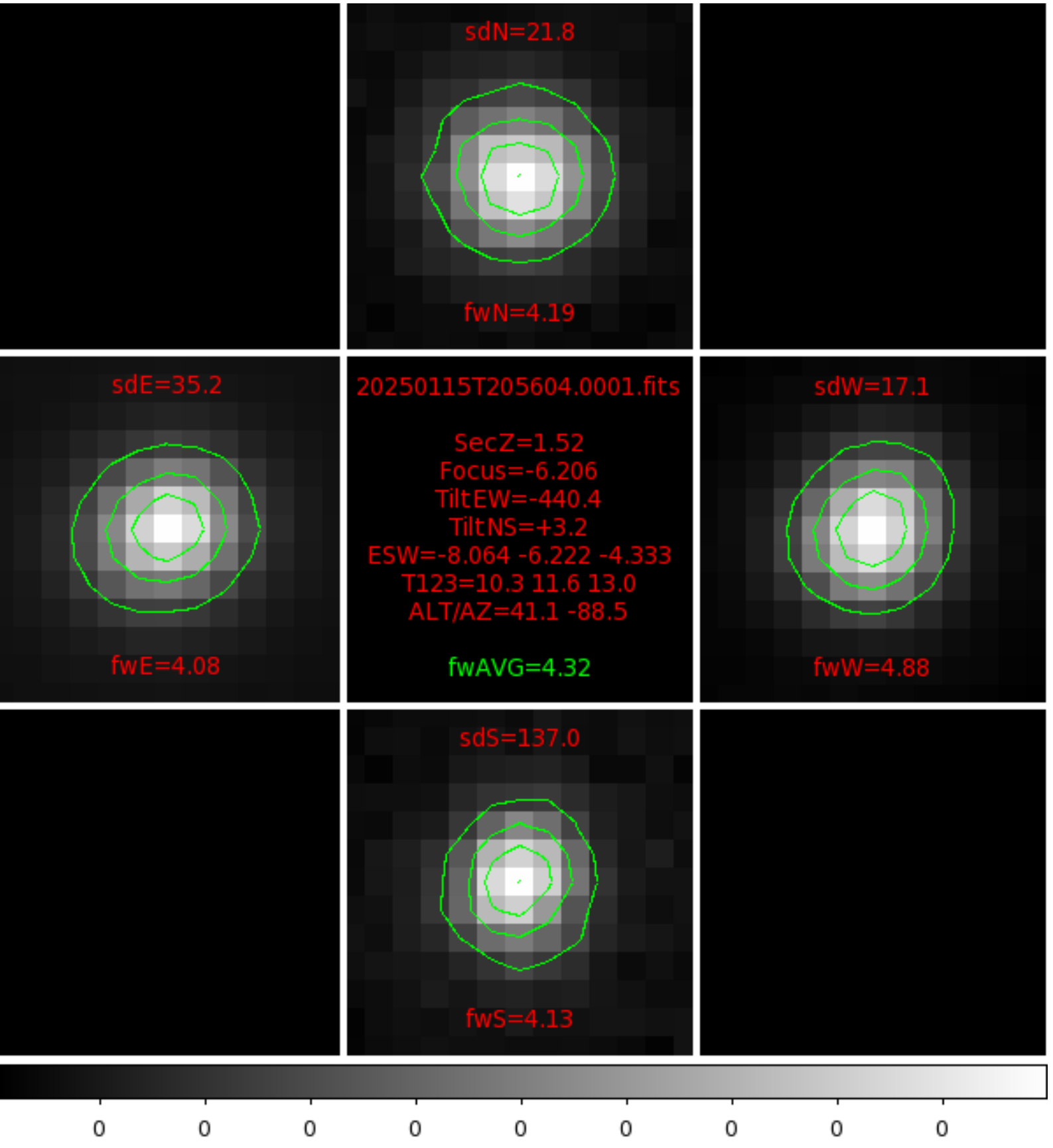

sdN=10.1
fwN=3.63
sdE=10.5
fwE=3.71
20250115T205410.0001.fits
SecZ=1.51
Focus=-6.213
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.071 -6.229 -4.340
T123=10.3 11.7 13.0
ALT/AZ=41.5 -88.8
sdW=10.0
fwW=0.00
sdS=41.9
fwS=3.90
0 0 0 0 0 0 0 0 0


sdN=21.8
fwN=4.19
sdE=35.2
fwE=4.08
20250115T205604.0001.fits
SecZ=1.52
Focus=-6.206
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.064 -6.222 -4.333
T123=10.3 11.6 13.0
ALT/AZ=41.1 -88.5
fwAVG=4.32
sdW=17.1
fwW=4.88
sdS=137.0
fwS=4.13
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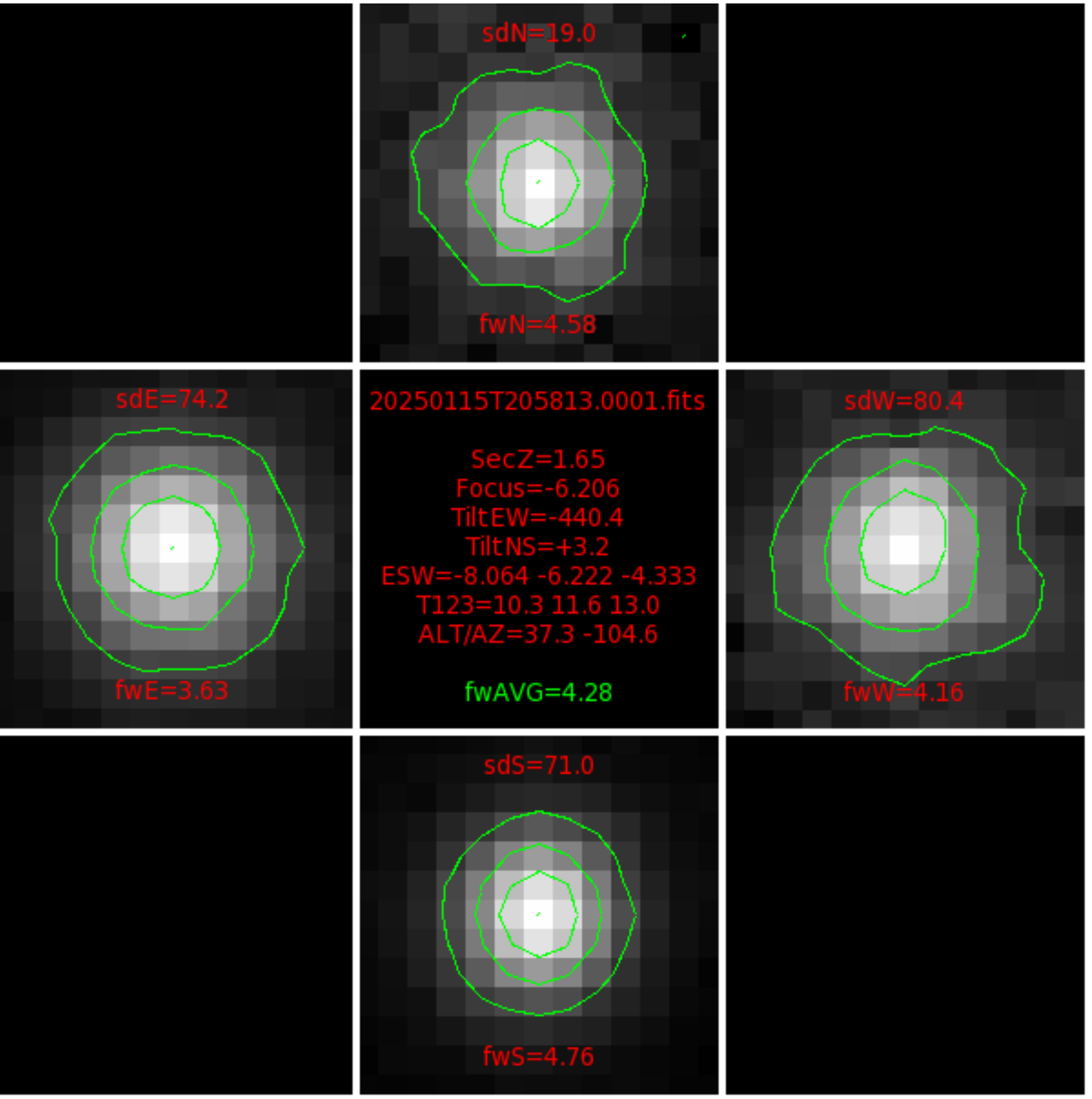
sdN=19.0
fwN=4.58
sdE=74.2
fwE=3.63
20250115T205813.0001.fits
SecZ=1.65
Focus=-6.206
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.064 -6.222 -4.333
T123=10.3 11.6 13.0
ALT/AZ=37.3 -104.6
fwAVG=4.28
sdW=80.4
fwW=4.16
sdS=71.0
fwS=4.76
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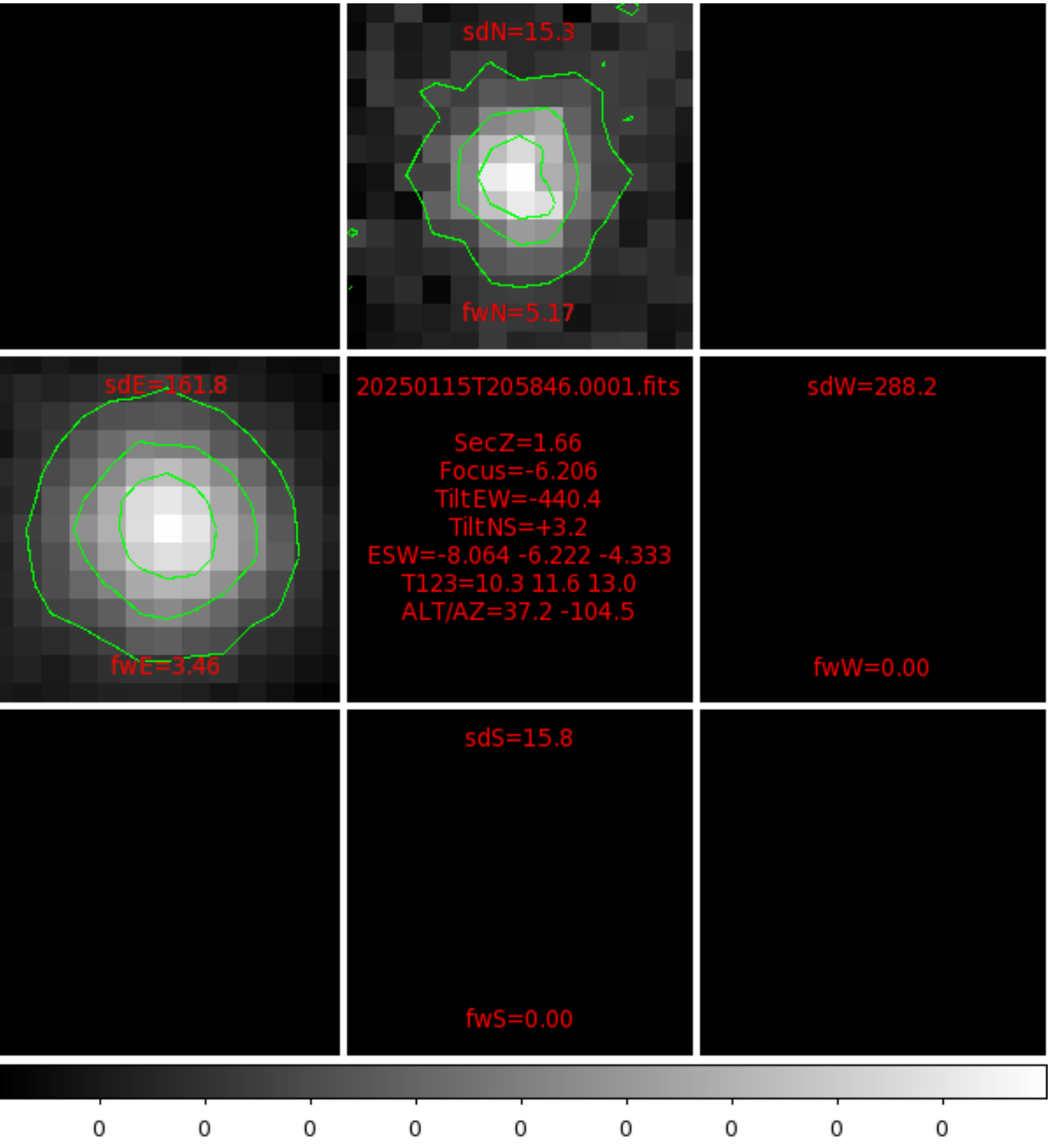
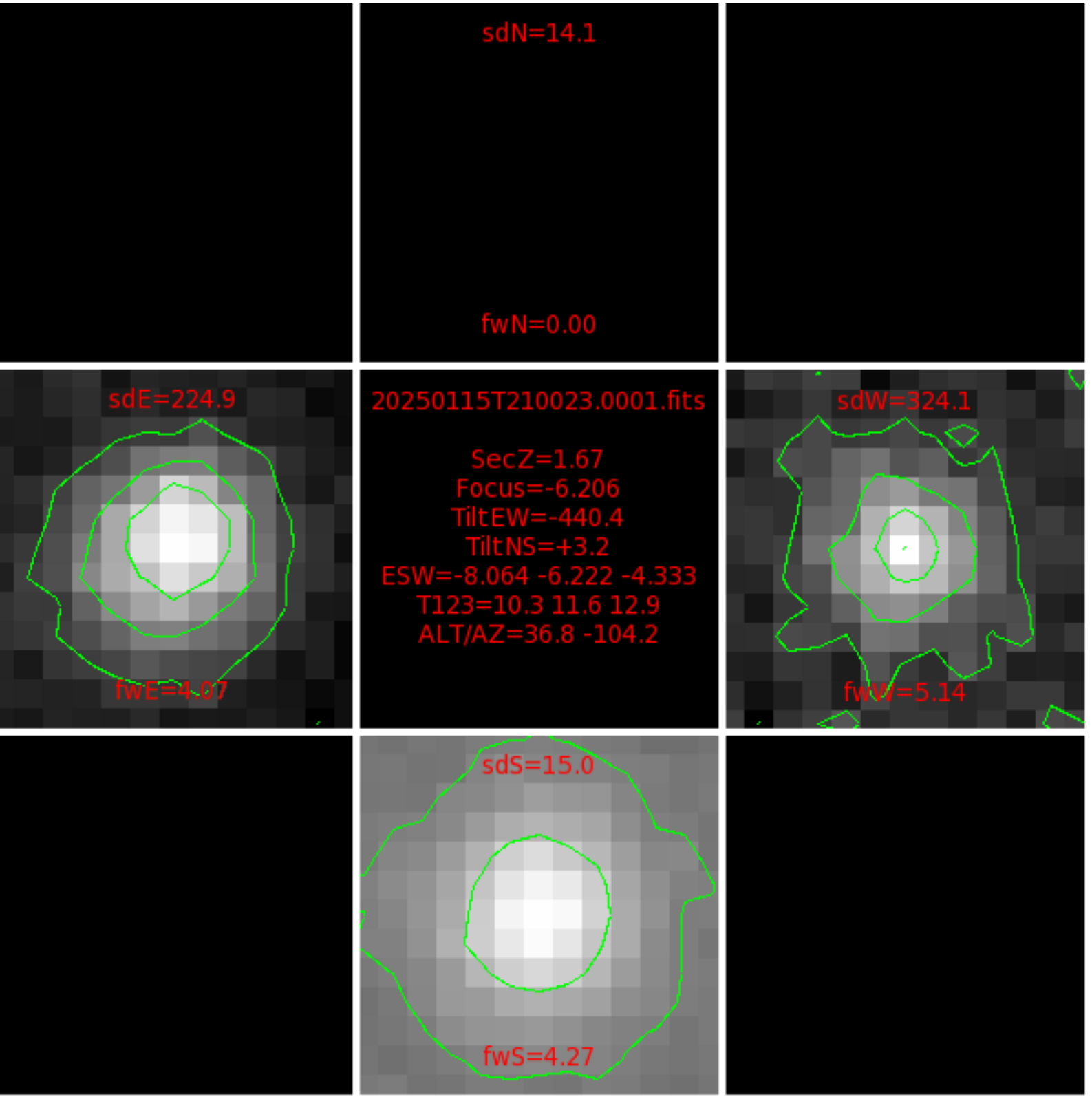

sdN=15.3
fwN=5.17
sdE=161.8
fwE=3.46
20250115T205846.0001.fits
SecZ=1.66
Focus=-6.206
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.064 -6.222 -4.333
T123=10.3 11.6 13.0
ALT/AZ=37.2 -104.5
sdW=288.2
fwW=0.00
sdS=15.8
fwS=0.00
0 0 0 0 0 0 0 0 0


sdN=14.1
fwN=0.00
sdE=224.9
fwE=4.07
20250115T210023.0001.fits
SecZ=1.67
Focus=-6.206
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.064 -6.222 -4.333
T123=10.3 11.6 12.9
ALT/AZ=36.8 -104.2
sdW=324.1
fwW=5.14
sdS=15.0
fwS=4.27
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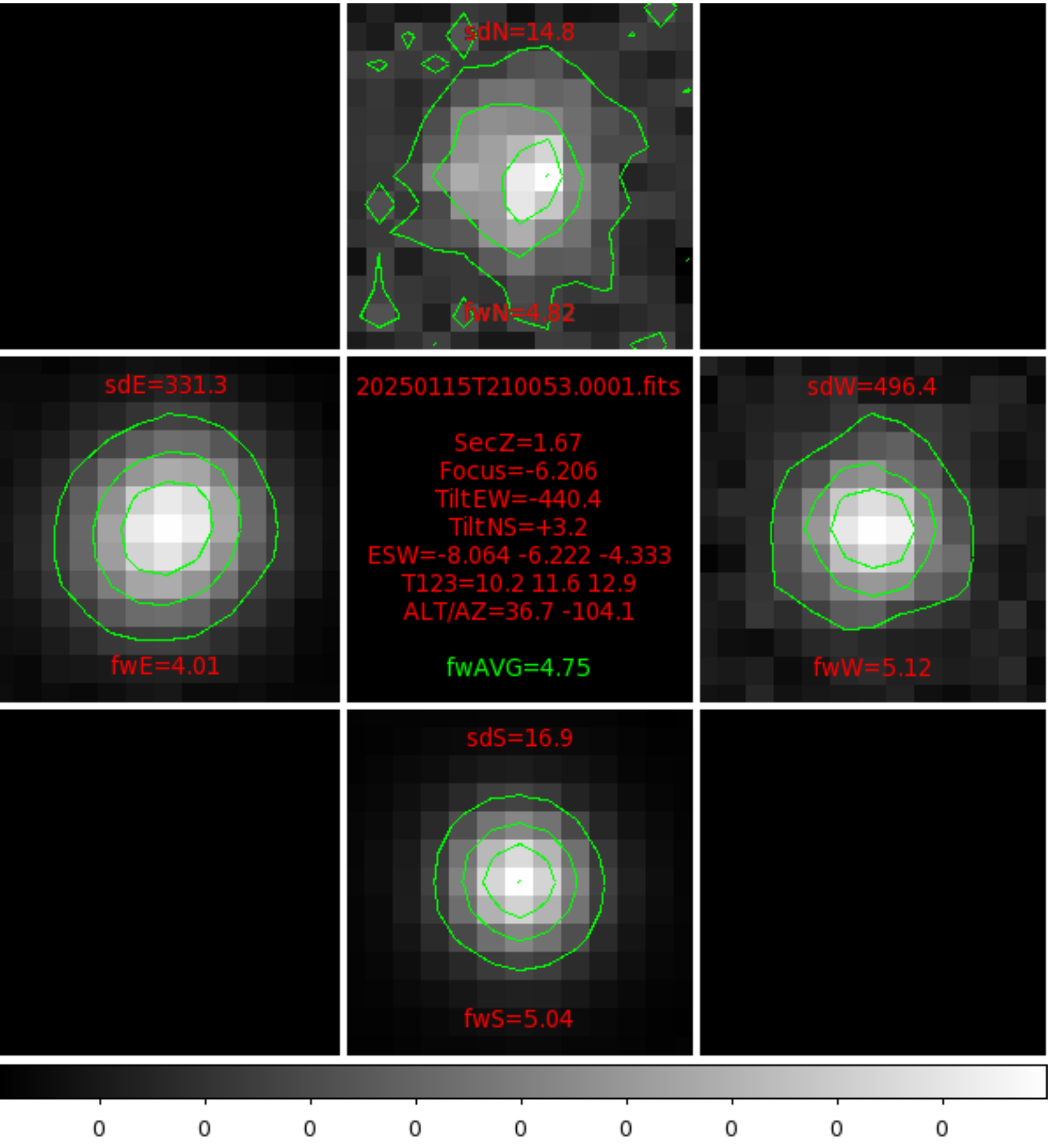
sdN=14.8
fwN=4.82
sdE=331.3
fwE=4.01
20250115T210053.0001.fits
SecZ=1.67
Focus=-6.206
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.064 -6.222 -4.333
T123=10.2 11.6 12.9
ALT/AZ=36.7 -104.1
fwAVG=4.75
sdW=496.4
fwW=5.12
sdS=16.9
fwS=5.04
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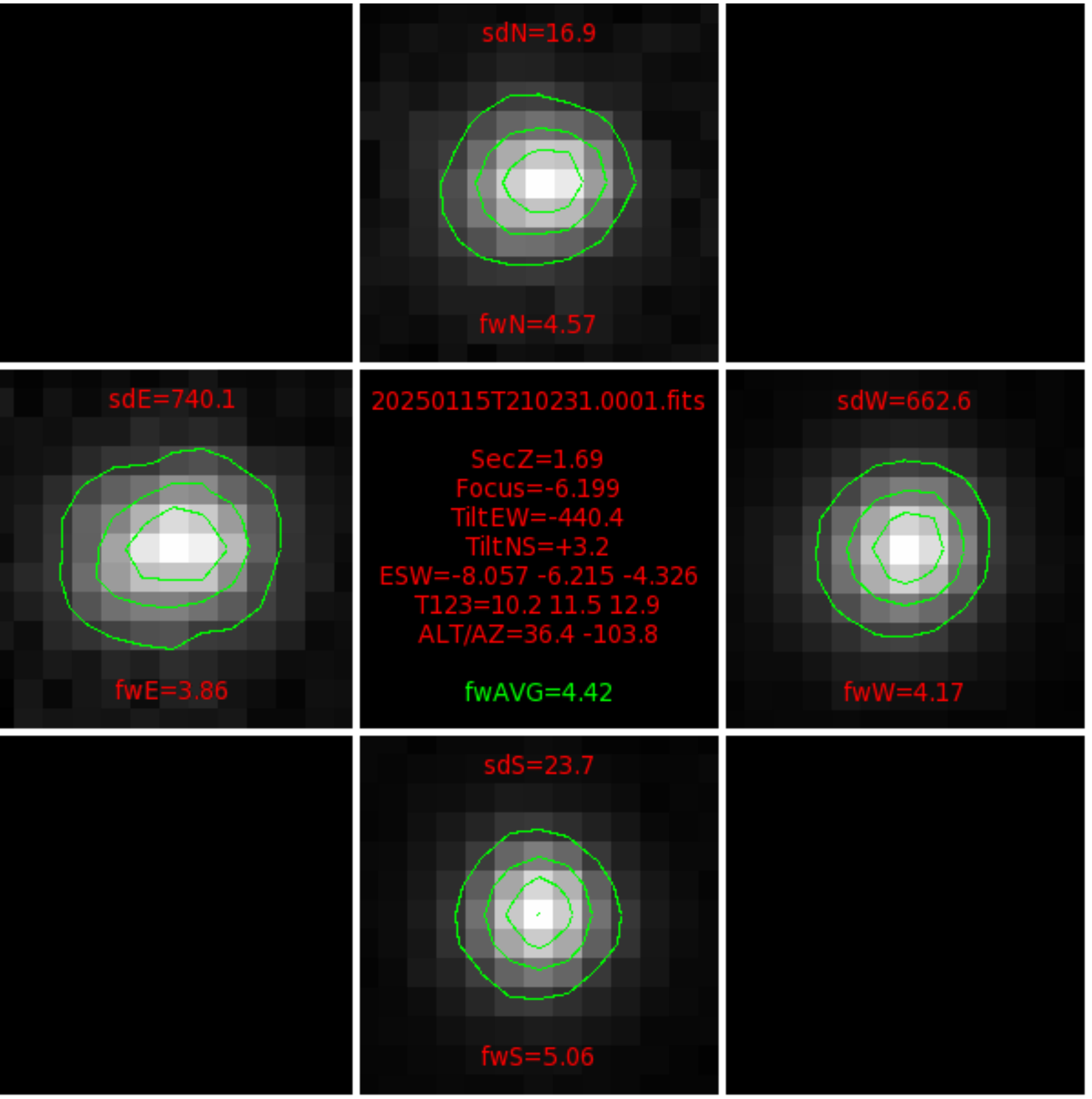
sdN=16.9
fwN=4.57
sdE=740.1
fwE=3.86
20250115T210231.0001.fits
SecZ=1.69
Focus=-6.199
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.057 -6.215 -4.326
T123=10.2 11.5 12.9
ALT/AZ=36.4 -103.8
fwAVG=4.42
sdW=662.6
fwW=4.17
sdS=23.7
fwS=5.06
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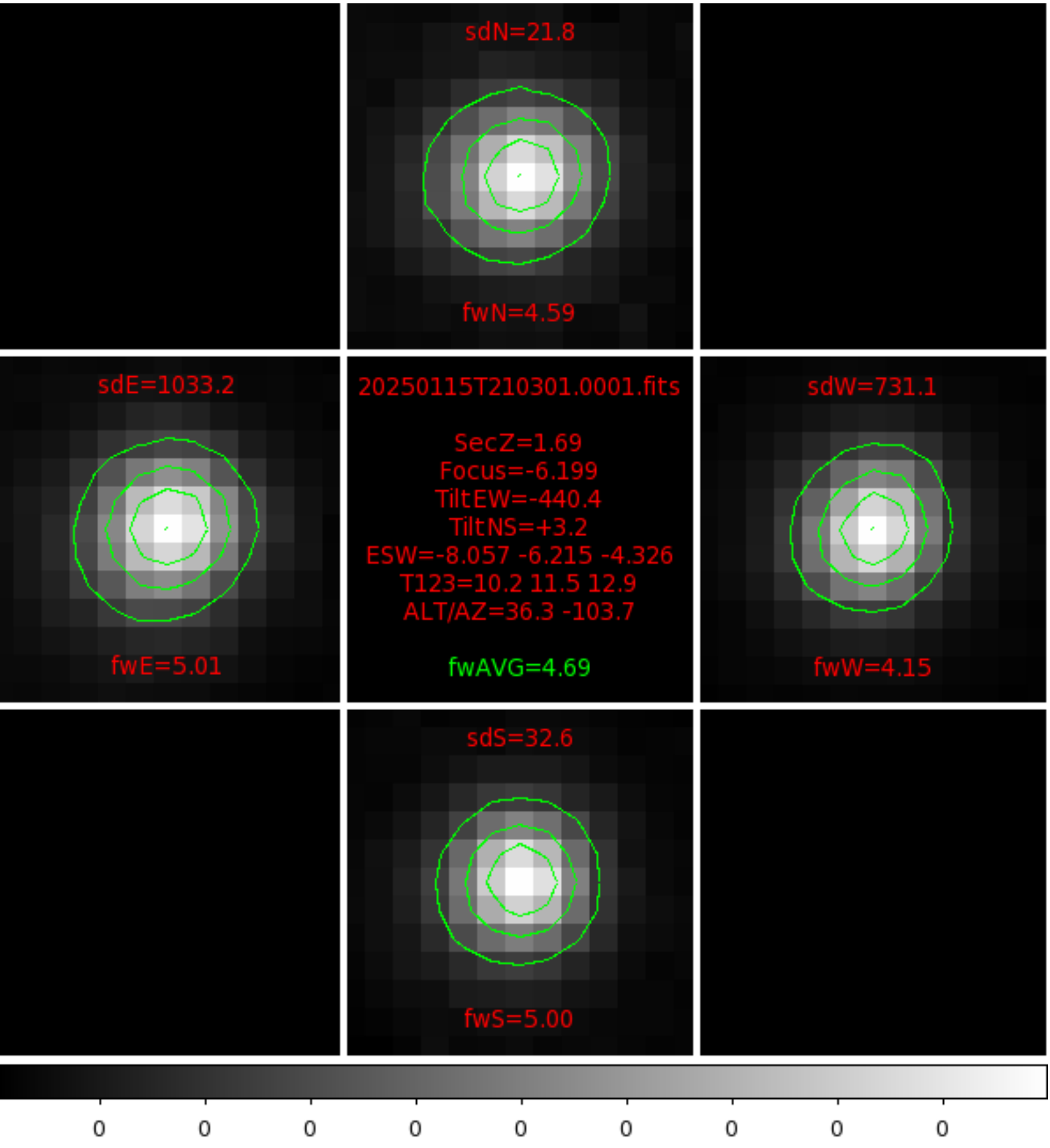
sdN=21.8
fwN=4.59
sdE=1033.2
fwE=5.01
20250115T210301.0001.fits
SecZ=1.69
Focus=-6.199
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.057 -6.215 -4.326
T123=10.2 11.5 12.9
ALT/AZ=36.3 -103.7
fwAVG=4.69
sdW=731.1
fwW=4.15
sdS=32.6
fwS=5.00
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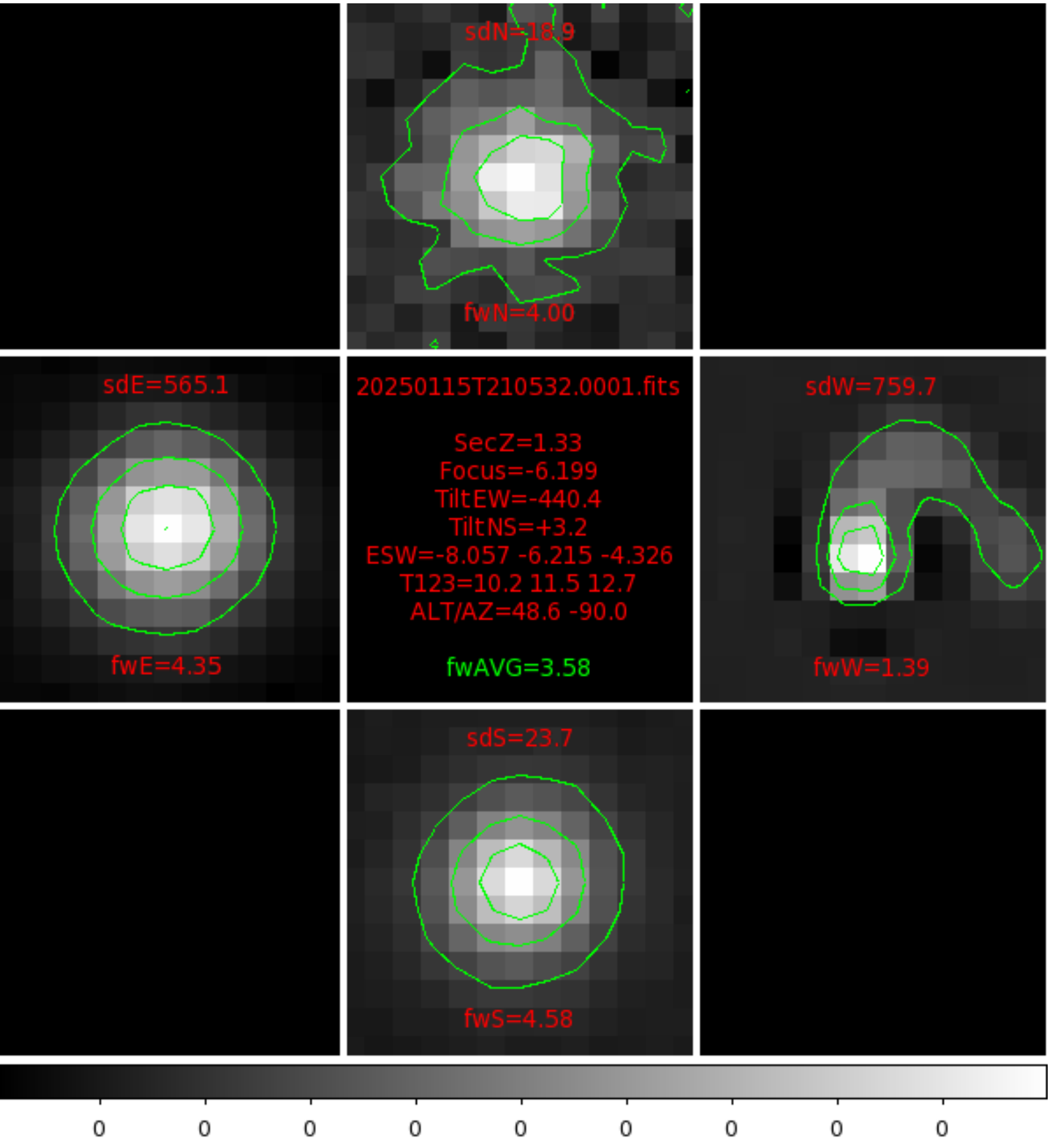
sdN=18.9
fwN=4.00
sdE=565.1
fwE=4.35
20250115T210532.0001.fits
SecZ=1.33
Focus=-6.199
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.057 -6.215 -4.326
T123=10.2 11.5 12.7
ALT/AZ=48.6 -90.0
fwAVG=3.58
sdW=759.7
fwW=1.39
sdS=23.7
fwS=4.58
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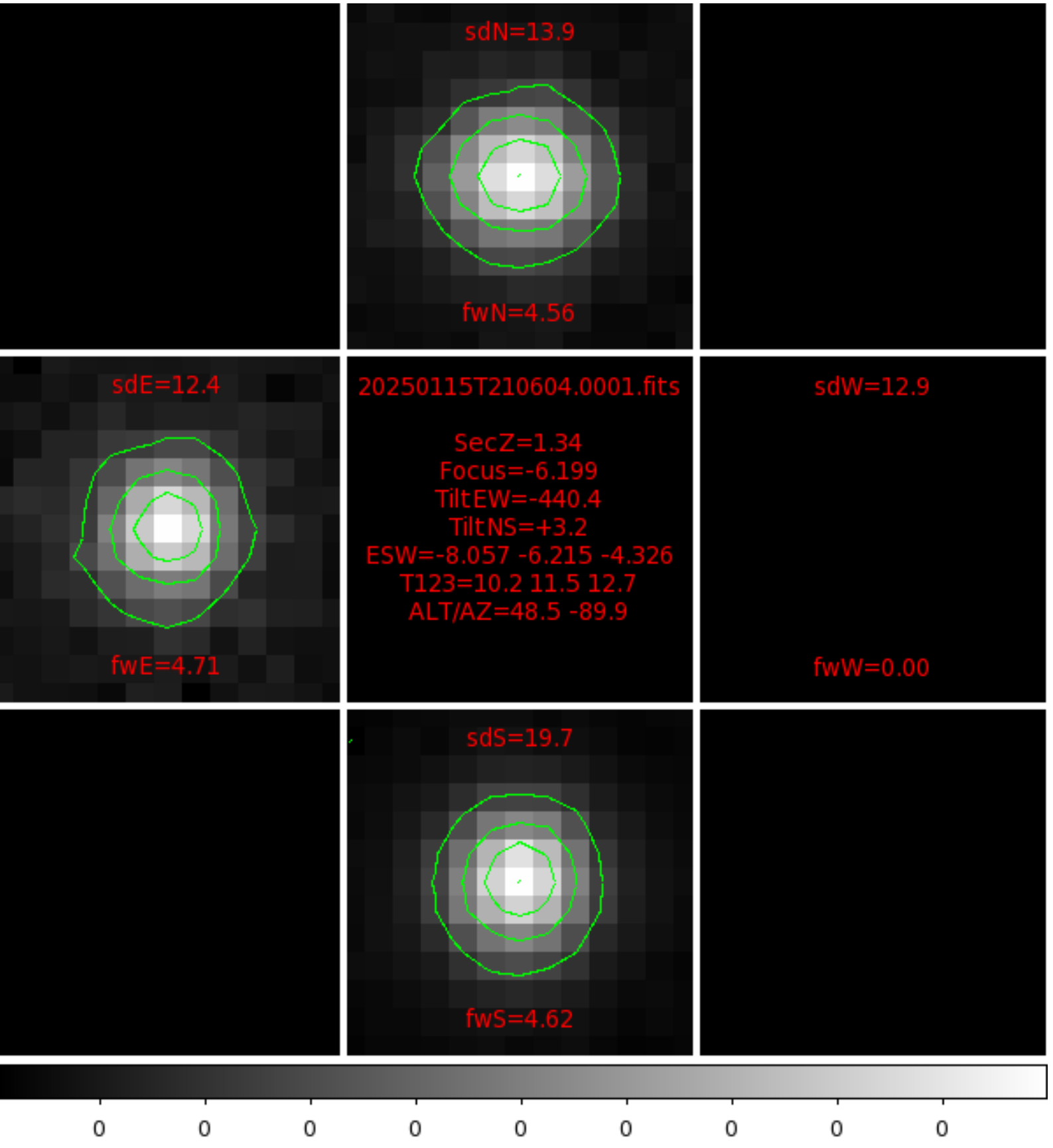
sdN=13.9
fwN=4.56
sdE=12.4
fwE=4.71
20250115T210604.0001.fits
SecZ=1.34
Focus=-6.199
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.057 -6.215 -4.326
T123=10.2 11.5 12.7
ALT/AZ=48.5 -89.9
sdW=12.9
fwW=0.00
sdS=19.7
fwS=4.62
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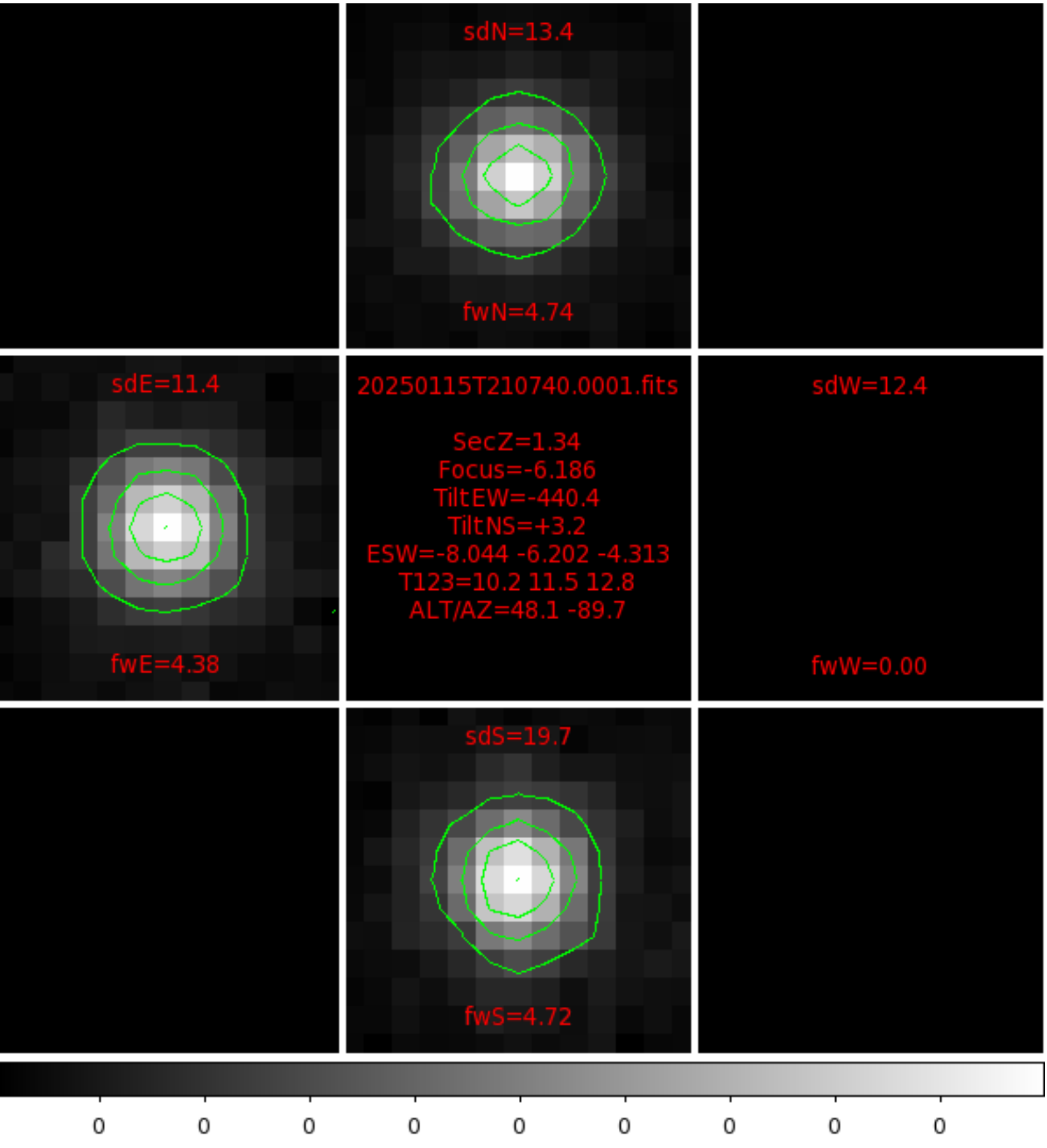
sdN=13.4
fwN=4.74
sdE=11.4
fwE=4.38
20250115T210740.0001.fits
SecZ=1.34
Focus=-6.186
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.044 -6.202 -4.313
T123=10.2 11.5 12.8
ALT/AZ=48.1 -89.7
sdW=12.4
fwW=0.00
sdS=19.7
fwS=4.72
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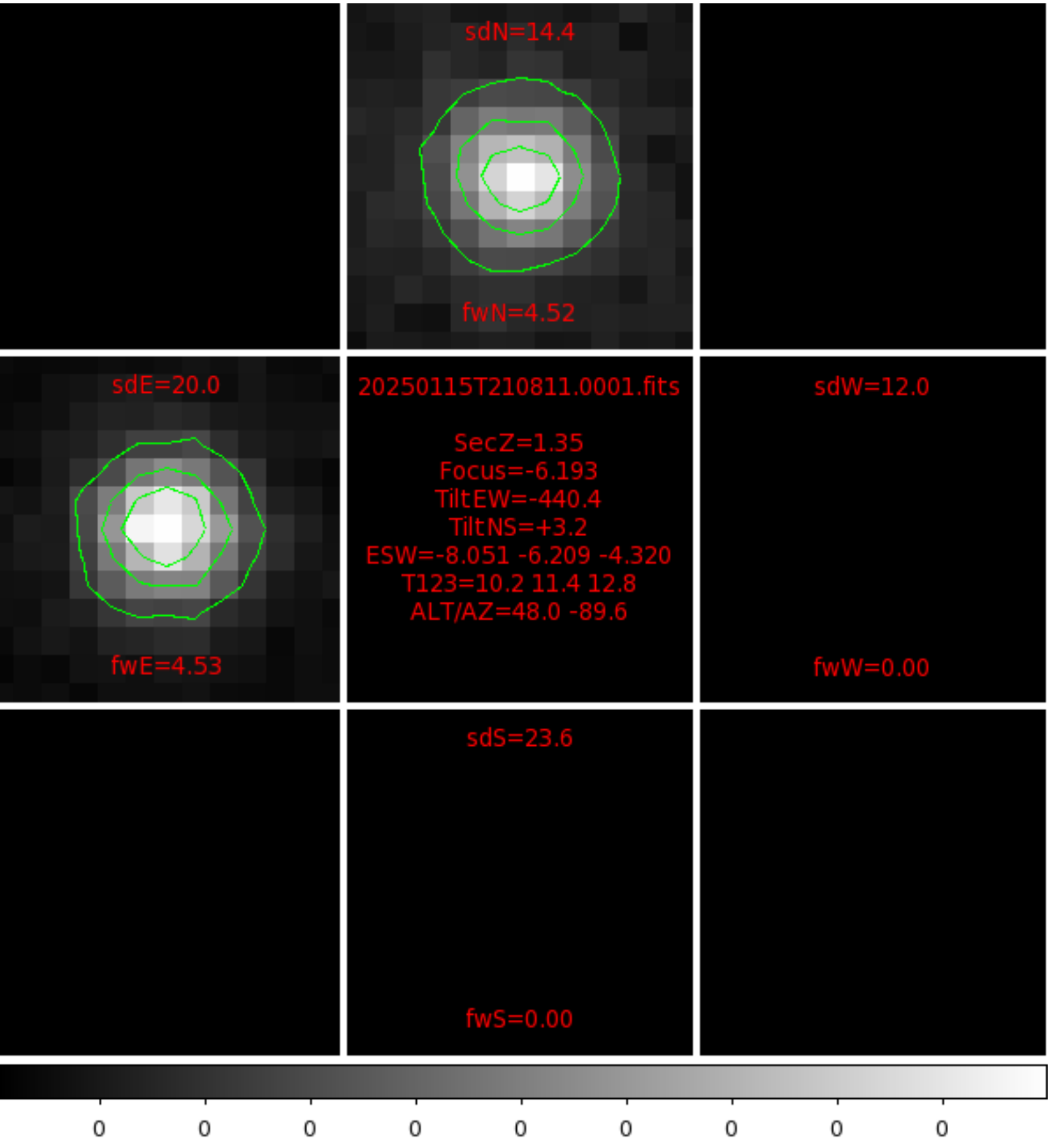
sdN=14.4
fwN=4.52
sdE=20.0
fwE=4.53
20250115T210811.0001.fits
SecZ=1.35
Focus=-6.193
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.051 -6.209 -4.320
T123=10.2 11.4 12.8
ALT/AZ=48.0 -89.6
sdW=12.0
fwW=0.00
sdS=23.6
fwS=0.00
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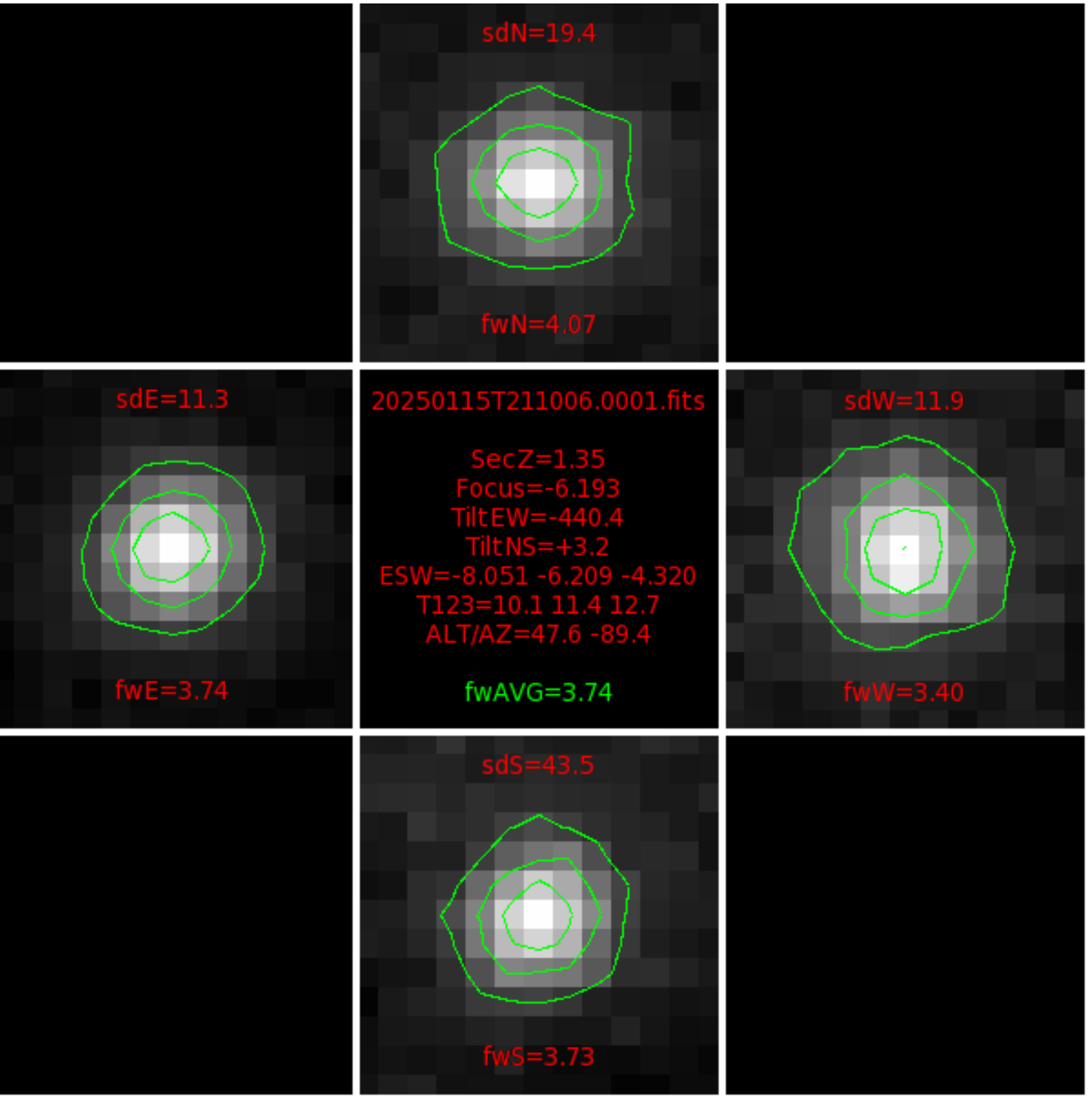
sdN=19.4
fwN=4.07
sdE=11.3
fwE=3.74
20250115T211006.0001.fits
SecZ=1.35
Focus=-6.193
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.051 -6.209 -4.320
T123=10.1 11.4 12.7
ALT/AZ=47.6 -89.4
fwAVG=3.74
sdW=11.9
fwW=3.40
sdS=43.5
fwS=3.73
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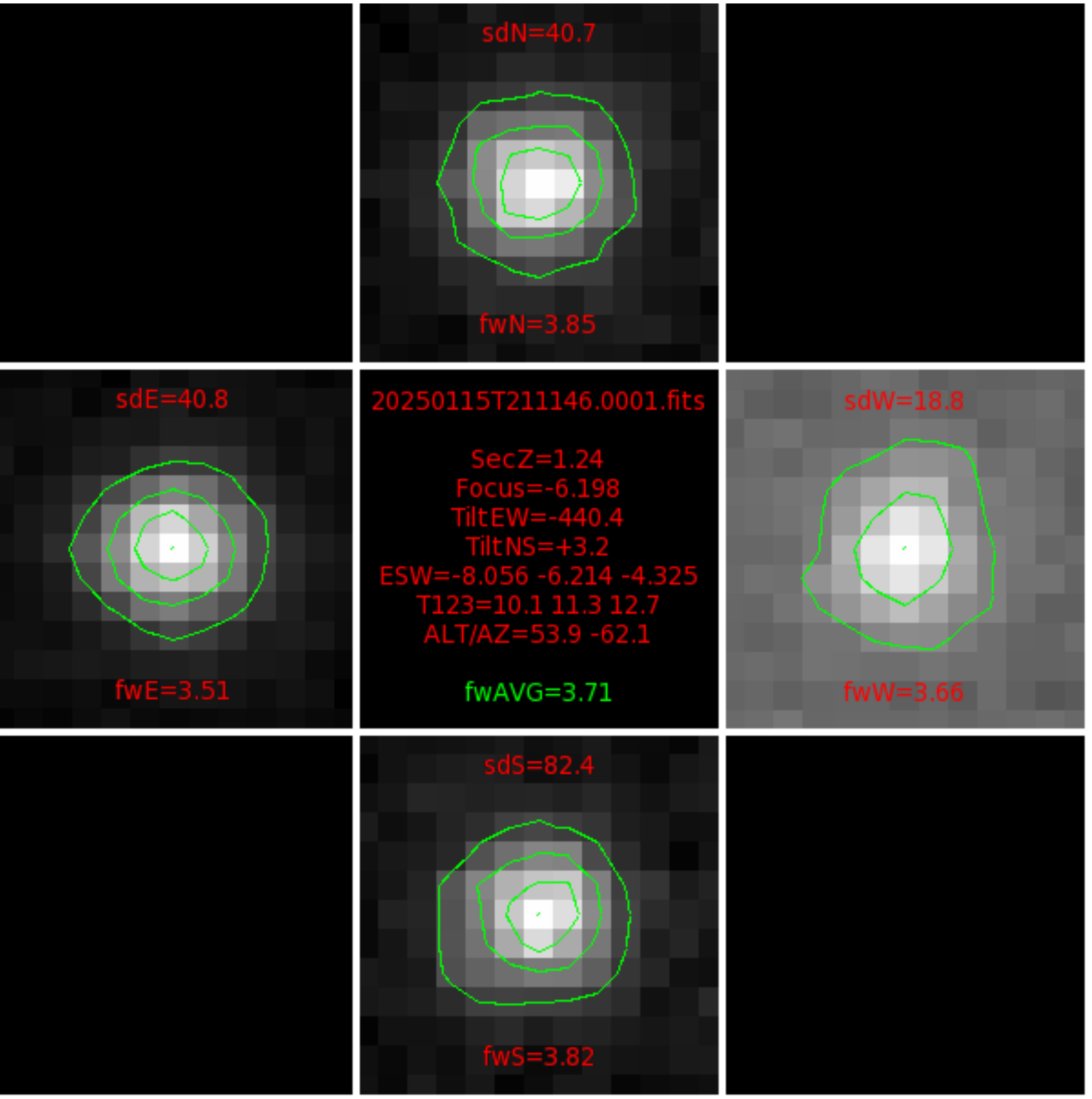
sdN=40.7
fwN=3.85
sdE=40.8
fwE=3.51
20250115T211146.0001.fits
SecZ=1.24
Focus=-6.198
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.056 -6.214 -4.325
T123=10.1 11.3 12.7
ALT/AZ=53.9 -62.1
fwAVG=3.71
sdW=18.8
fwW=3.66
sdS=82.4
fwS=3.82
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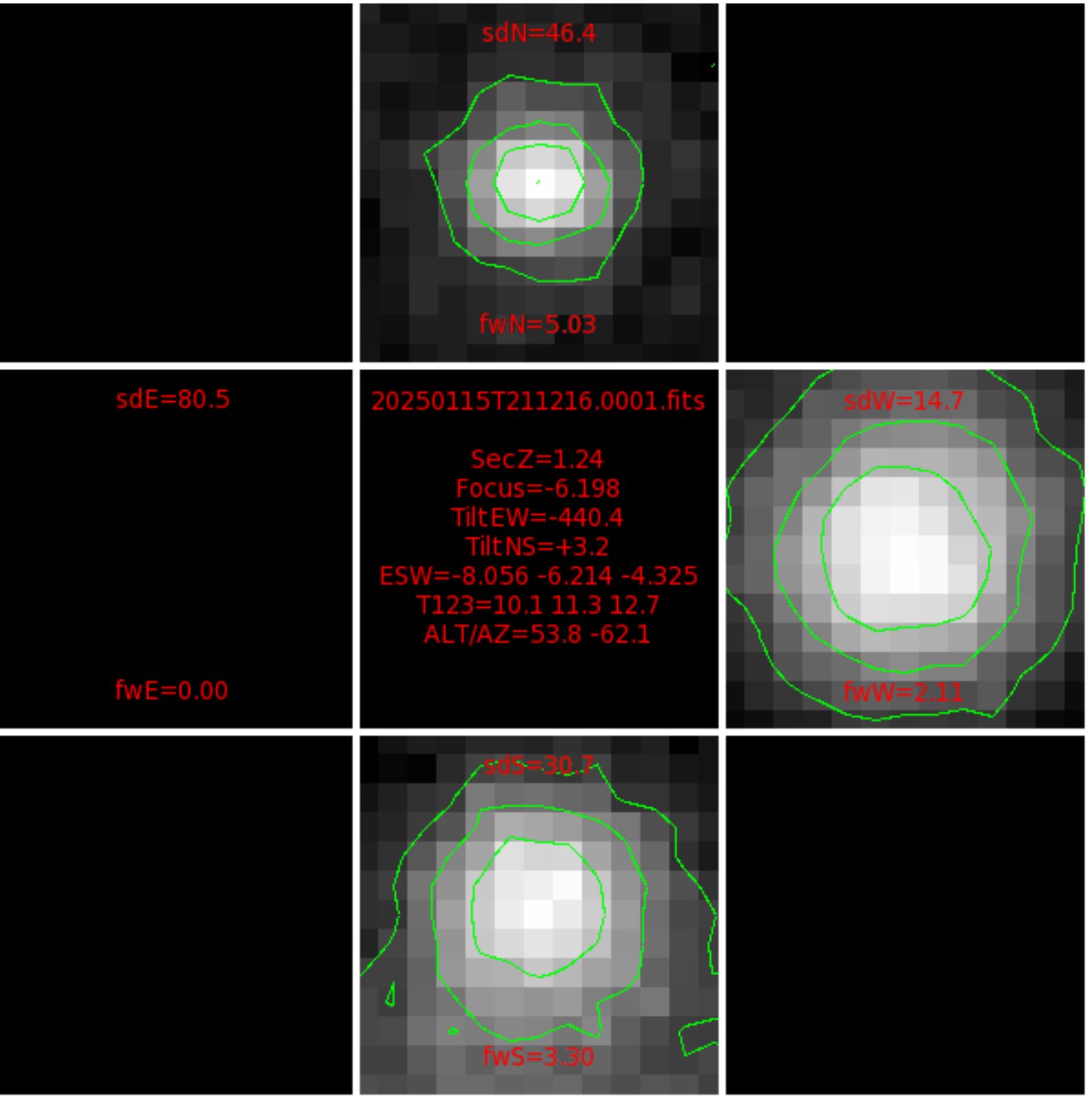
sdN=46.4
fwN=5.03
sdE=80.5
fwE=0.00
20250115T211216.0001.fits
SecZ=1.24
Focus=-6.198
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.056 -6.214 -4.325
T123=10.1 11.3 12.7
ALT/AZ=53.8 -62.1
sdW=14.7
fwW=2.11
sdS=30.7
fwS=3.30
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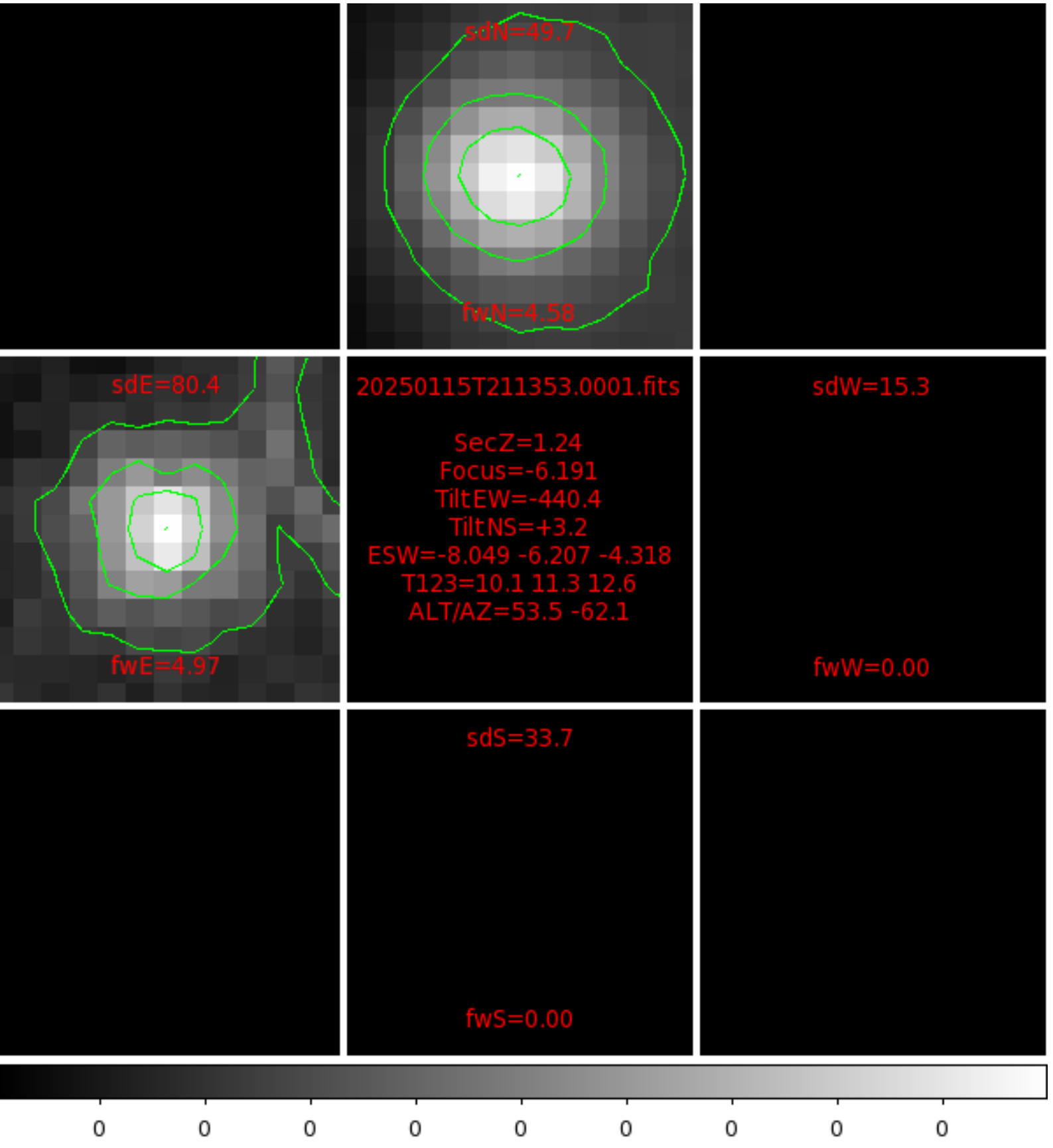
sdN=49.7
fwN=4.58
sdE=80.4
fwE=4.97
20250115T211353.0001.fits
SecZ=1.24
Focus=-6.191
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.049 -6.207 -4.318
T123=10.1 11.3 12.6
ALT/AZ=53.5 -62.1
sdW=15.3
fwW=0.00
sdS=33.7
fwS=0.00
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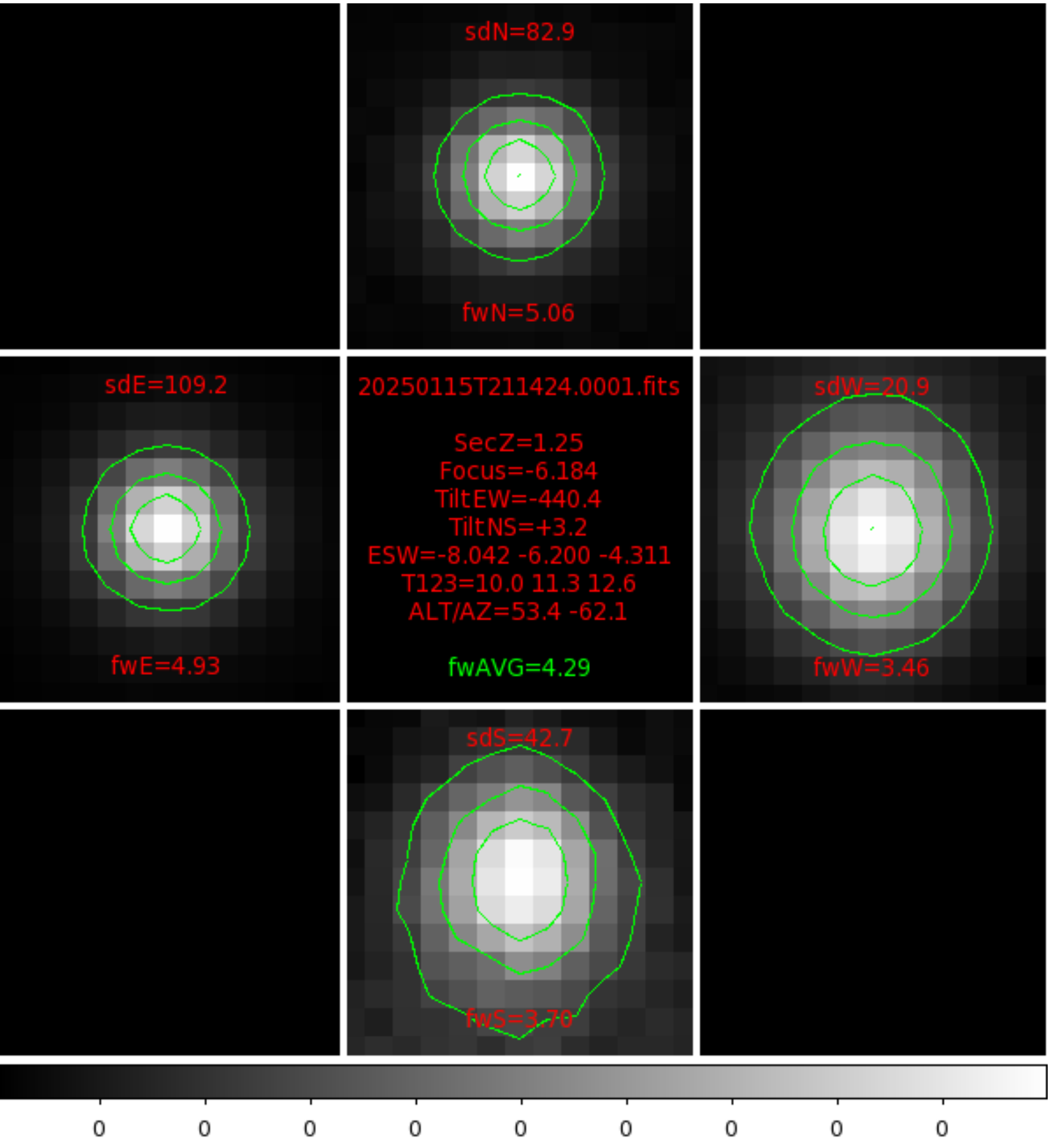
sdN=82.9
fwN=5.06
sdE=109.2
fwE=4.93
20250115T211424.0001.fits
SecZ=1.25
Focus=-6.184
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.042 -6.200 -4.311
T123=10.0 11.3 12.6
ALT/AZ=53.4 -62.1
fwAVG=4.29
sdW=20.9
fwW=3.46
sdS=42.7
fwS=3.70
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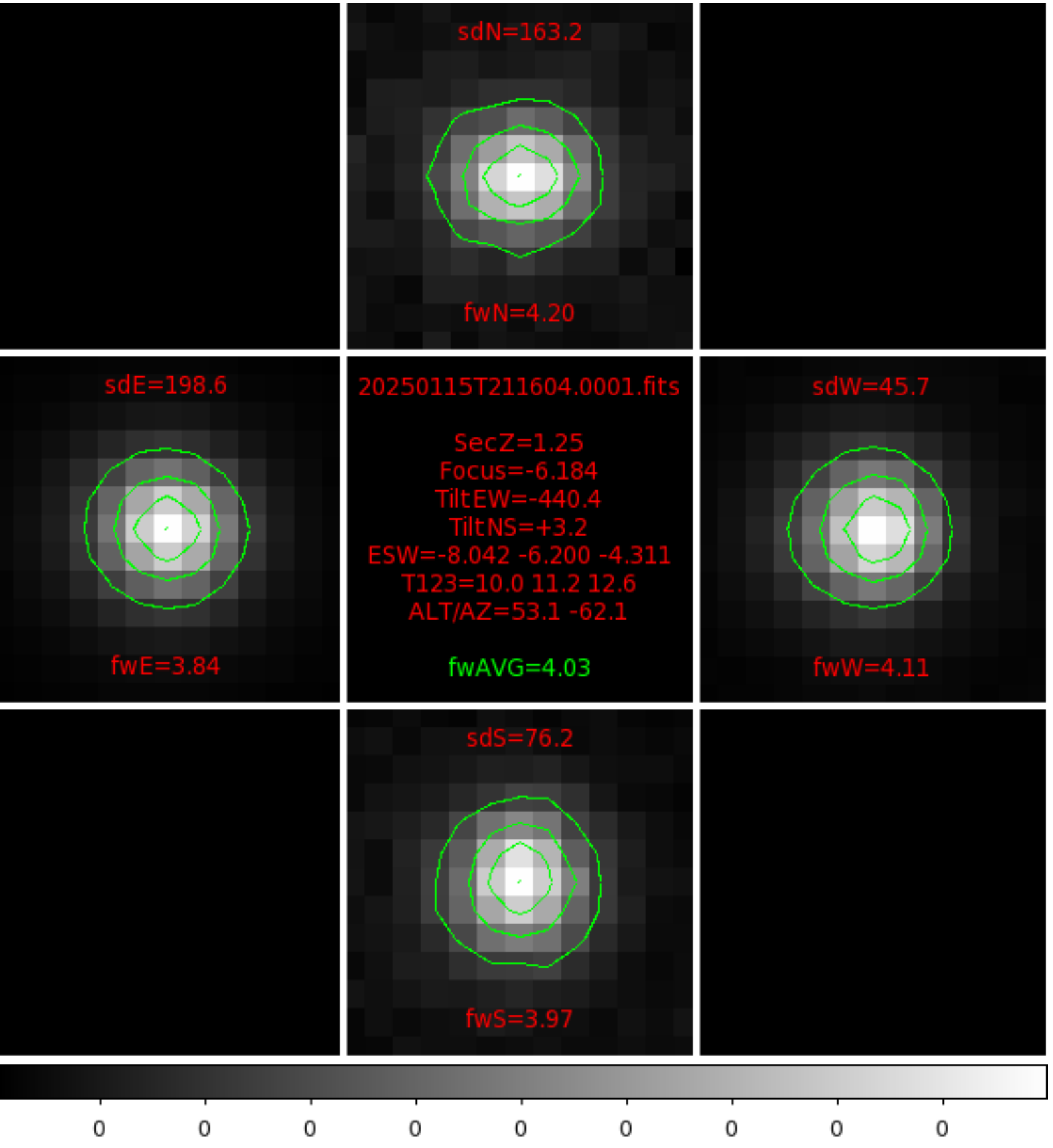
sdN=163.2
fwN=4.20
sdE=198.6
fwE=3.84
20250115T211604.0001.fits
SecZ=1.25
Focus=-6.184
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.042 -6.200 -4.311
T123=10.0 11.2 12.6
ALT/AZ=53.1 -62.1
fwAVG=4.03
sdW=45.7
fwW=4.11
sdS=76.2
fwS=3.97
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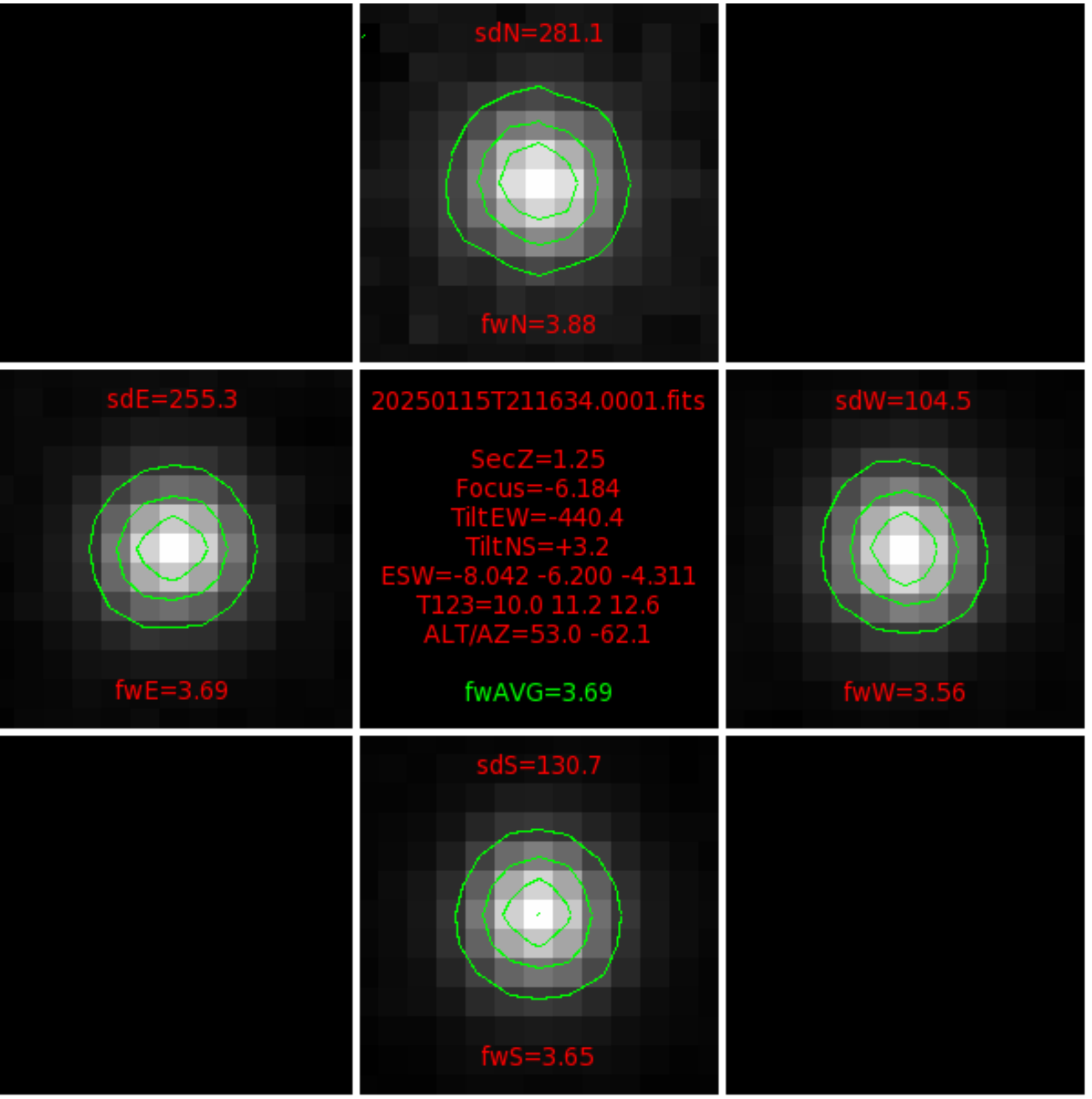
sdN=281.1
fwN=3.88
sdE=255.3
fwE=3.69
20250115T211634.0001.fits
SecZ=1.25
Focus=-6.184
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.042 -6.200 -4.311
T123=10.0 11.2 12.6
ALT/AZ=53.0 -62.1
fwAVG=3.69
sdW=104.5
fwW=3.56
sdS=130.7
fwS=3.65
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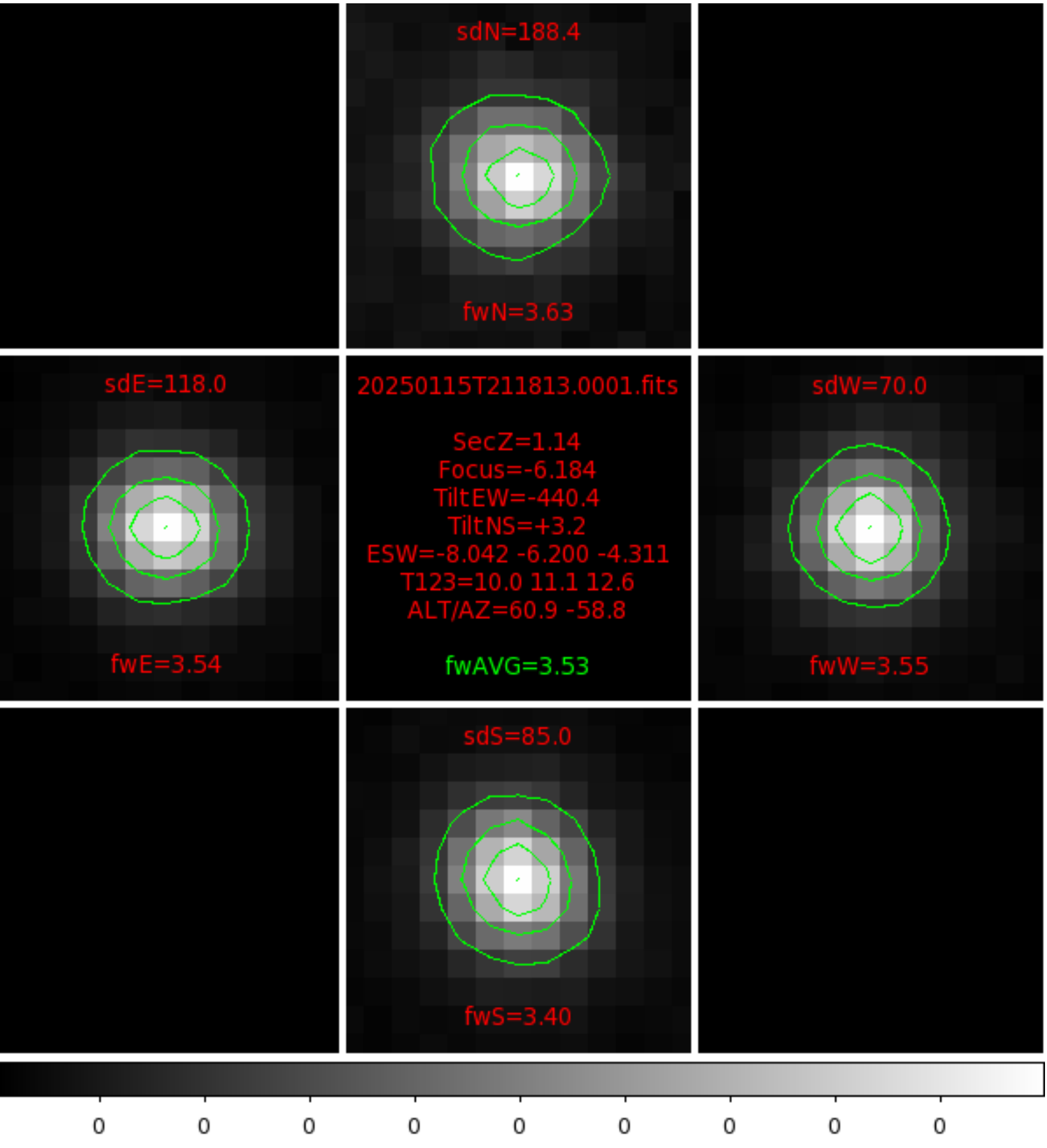
sdN=188.4
fwN=3.63
sdE=118.0
fwE=3.54
20250115T211813.0001.fits
SecZ=1.14
Focus=-6.184
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.042 -6.200 -4.311
T123=10.0 11.1 12.6
ALT/AZ=60.9 -58.8
fwAVG=3.53
sdW=70.0
fwW=3.55
sdS=85.0
fwS=3.40
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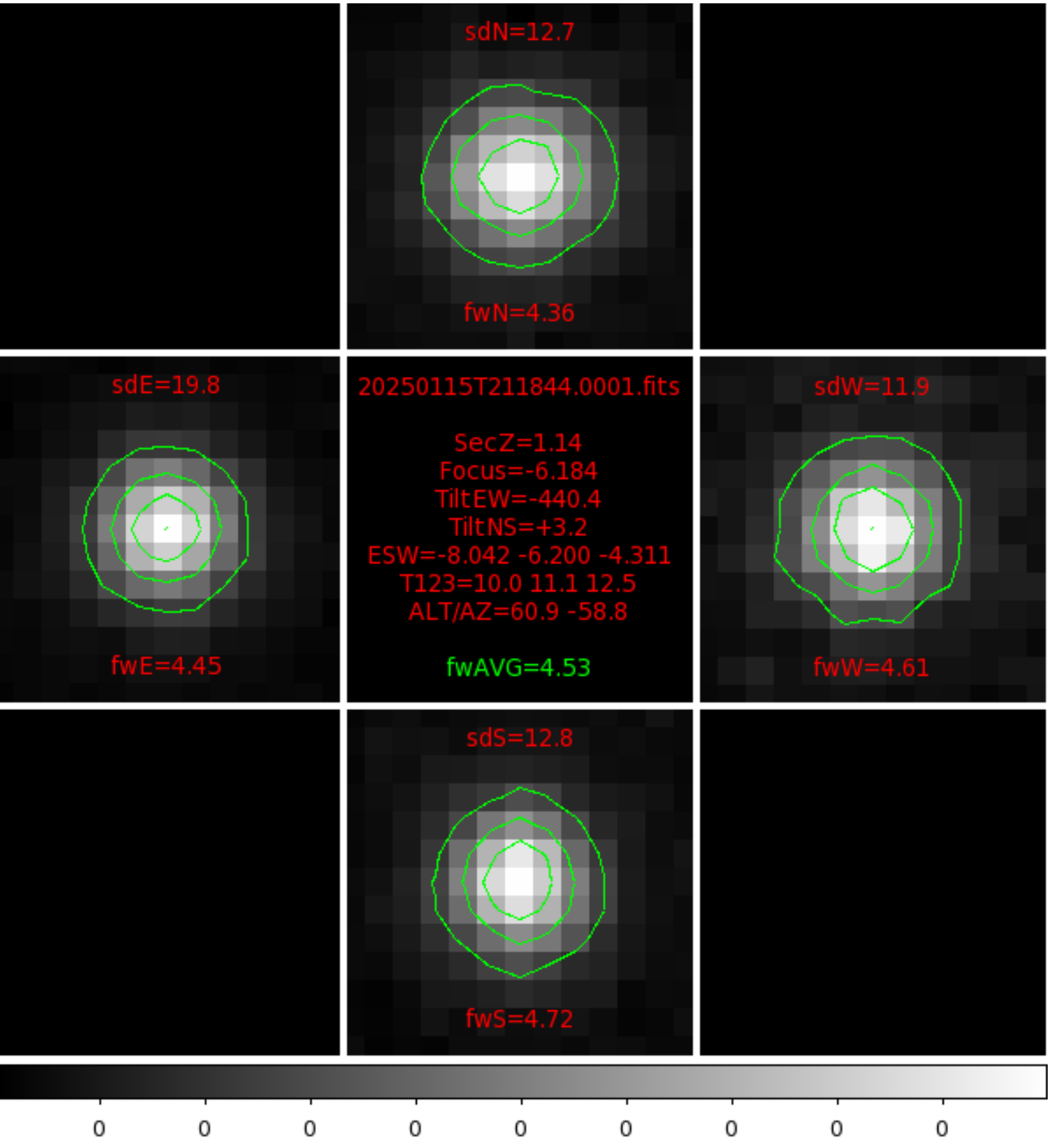
sdN=12.7
fwN=4.36
sdE=19.8
fwE=4.45
20250115T211844.0001.fits
SecZ=1.14
Focus=-6.184
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.042 -6.200 -4.311
T123=10.0 11.1 12.5
ALT/AZ=60.9 -58.8
fwAVG=4.53
sdW=11.9
fwW=4.61
sdS=12.8
fwS=4.72
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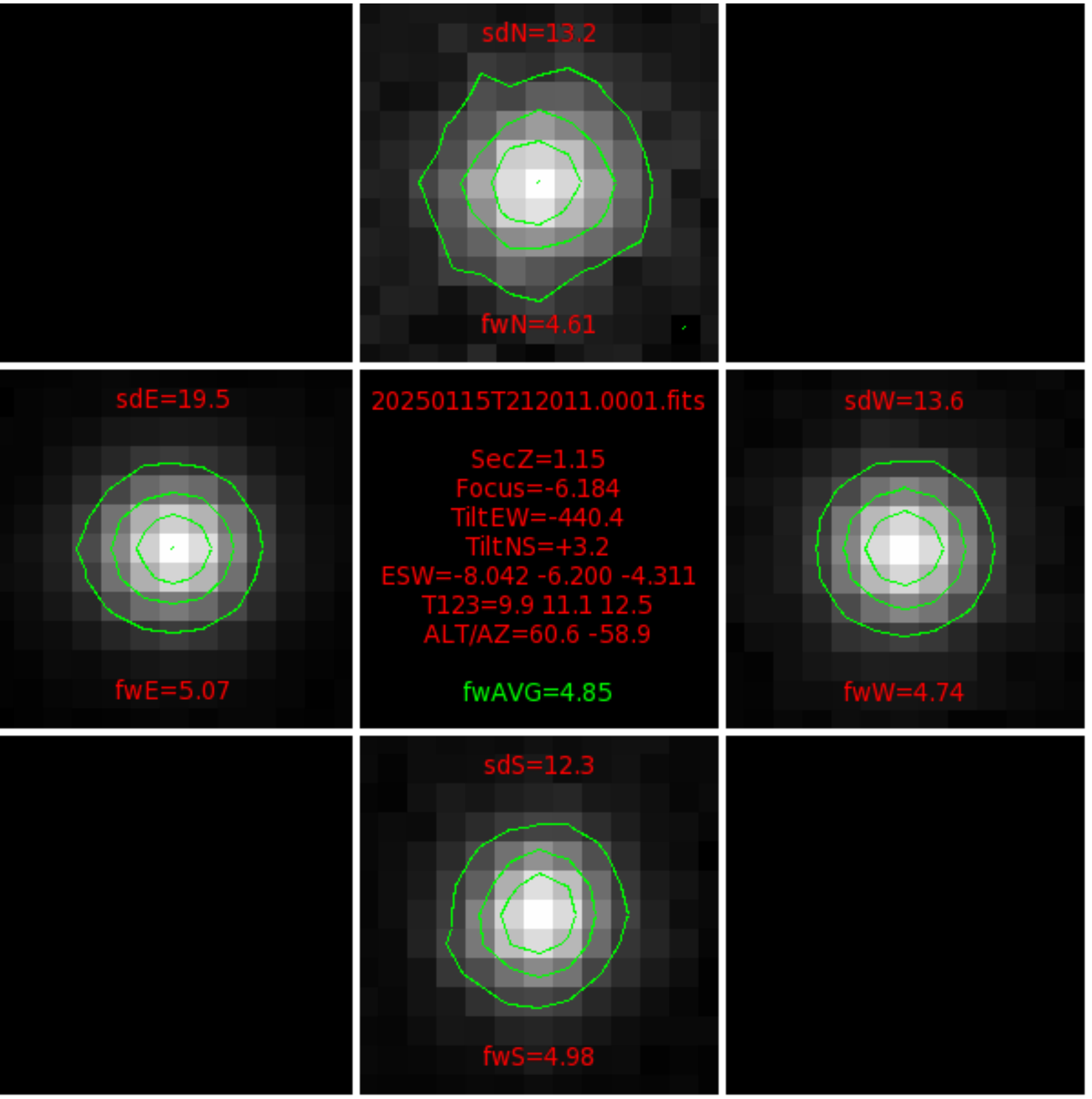
sdN=13.2
fwN=4.61
sdE=19.5
fwE=5.07
20250115T212011.0001.fits
SecZ=1.15
Focus=-6.184
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.042 -6.200 -4.311
T123=9.9 11.1 12.5
ALT/AZ=60.6 -58.9
fwAVG=4.85
sdW=13.6
fwW=4.74
sdS=12.3
fwS=4.98
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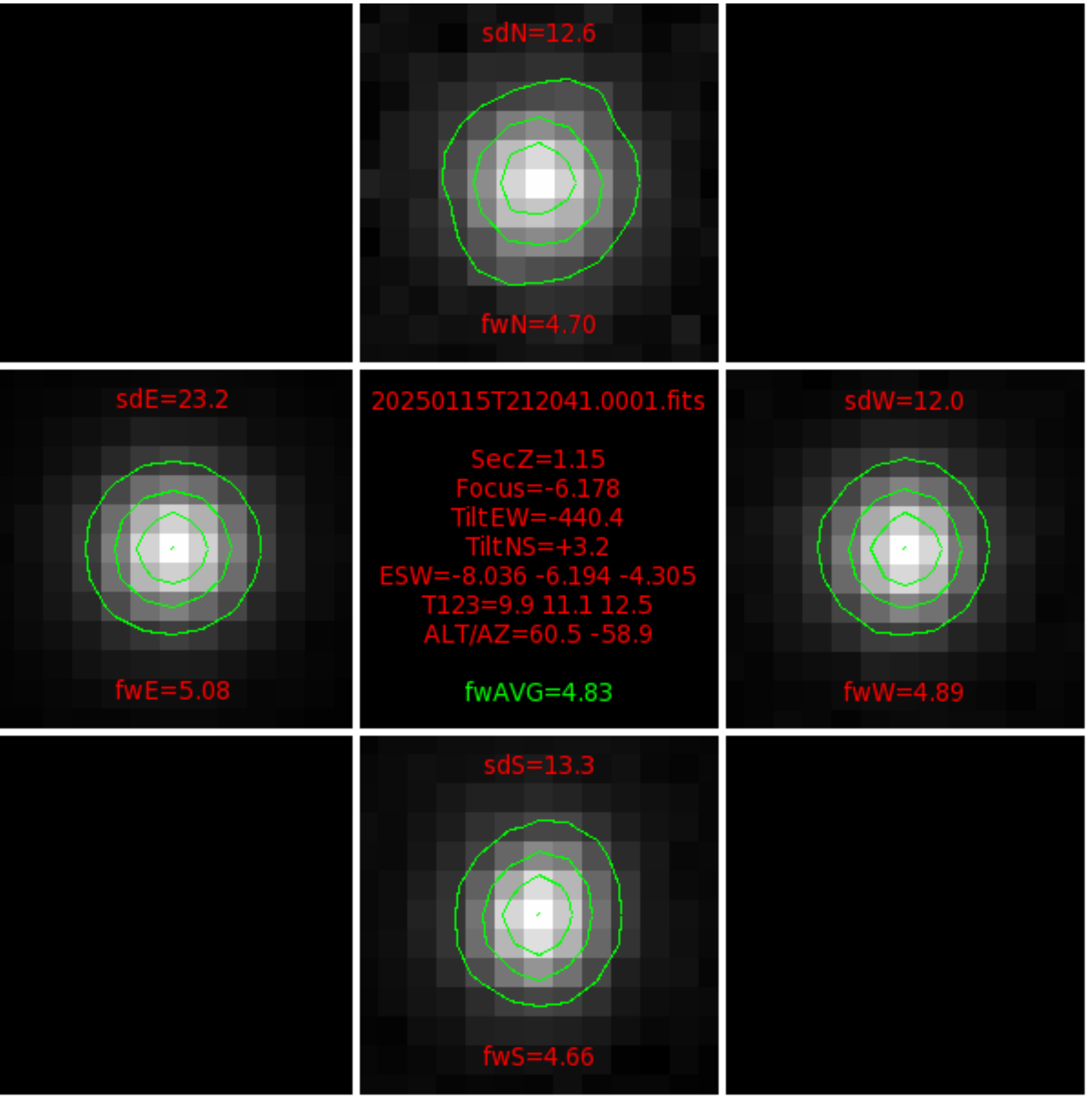
sdN=12.6
fwN=4.70
sdE=23.2
fwE=5.08
20250115T212041.0001.fits
SecZ=1.15
Focus=-6.178
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.036 -6.194 -4.305
T123=9.9 11.1 12.5
ALT/AZ=60.5 -58.9
fwAVG=4.83
sdW=12.0
fwW=4.89
sdS=13.3
fwS=4.66
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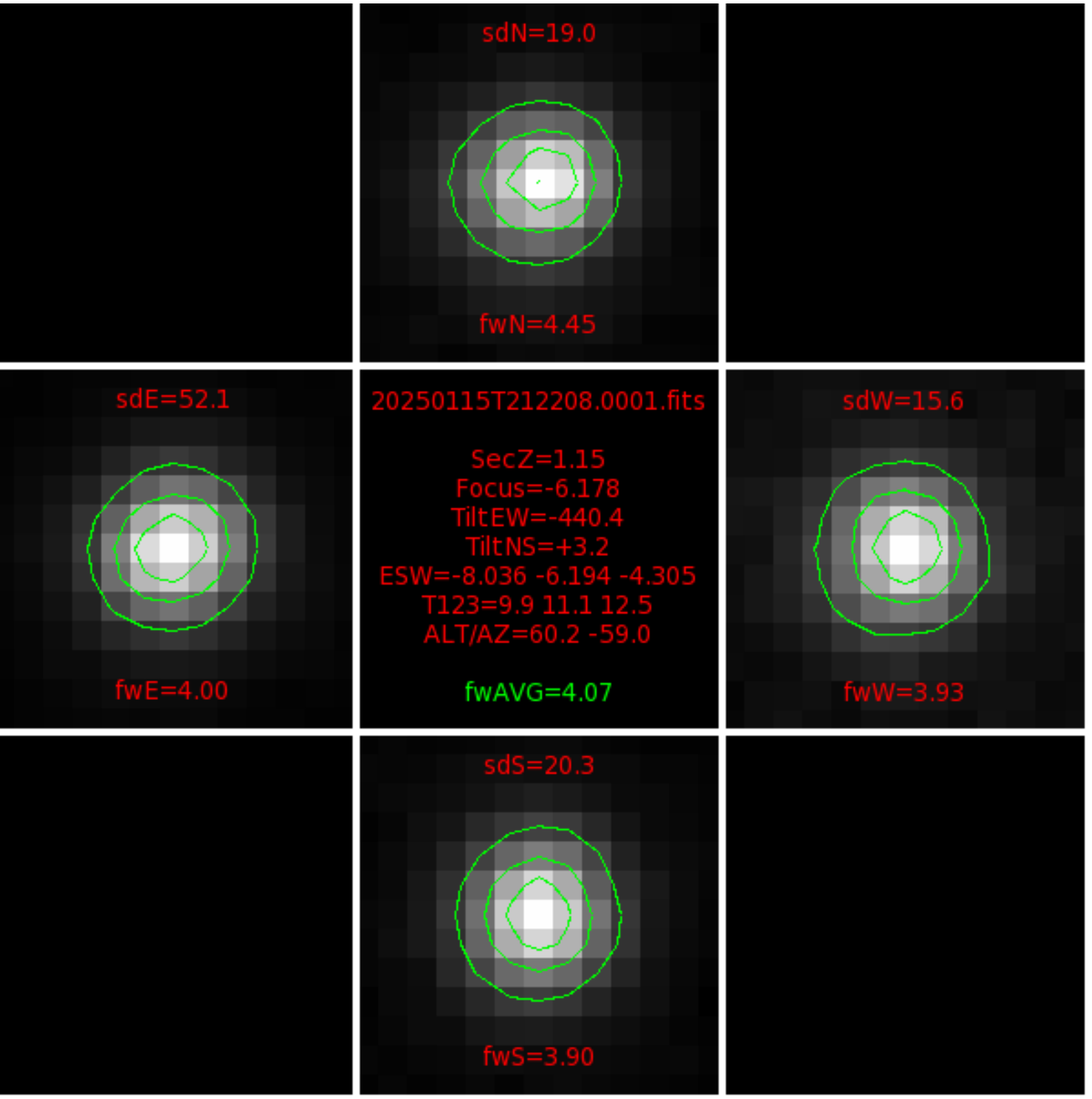
sdN=19.0
fwN=4.45
sdE=52.1
fwE=4.00
20250115T212208.0001.fits
SecZ=1.15
Focus=-6.178
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.036 -6.194 -4.305
T123=9.9 11.1 12.5
ALT/AZ=60.2 -59.0
fwAVG=4.07
sdW=15.6
fwW=3.93
sdS=20.3
fwS=3.90
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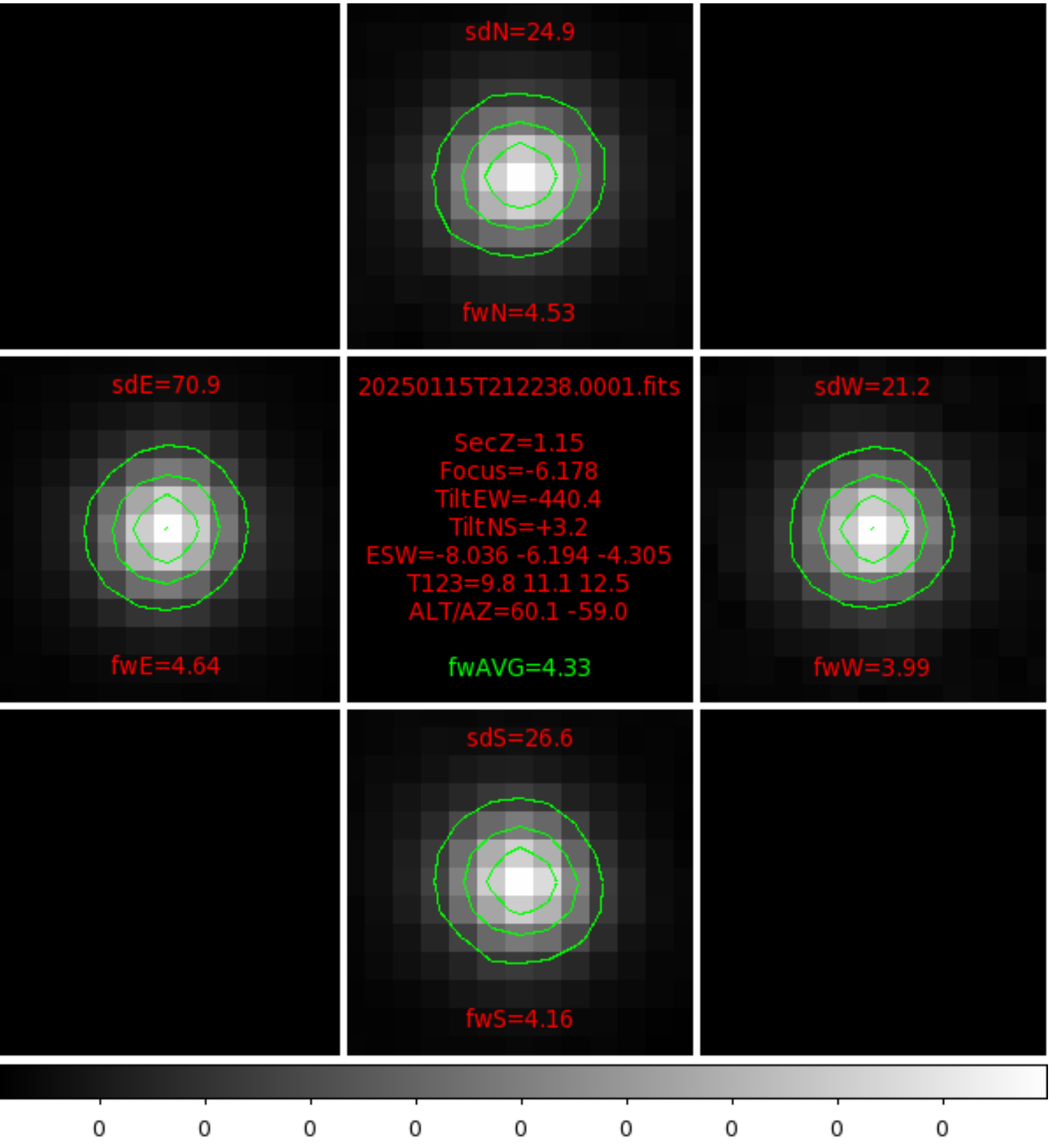
sdN=24.9
fwN=4.53
sdE=70.9
fwE=4.64
20250115T212238.0001.fits
SecZ=1.15
Focus=-6.178
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.036 -6.194 -4.305
T123=9.8 11.1 12.5
ALT/AZ=60.1 -59.0
fwAVG=4.33
sdW=21.2
fwW=3.99
sdS=26.6
fwS=4.16
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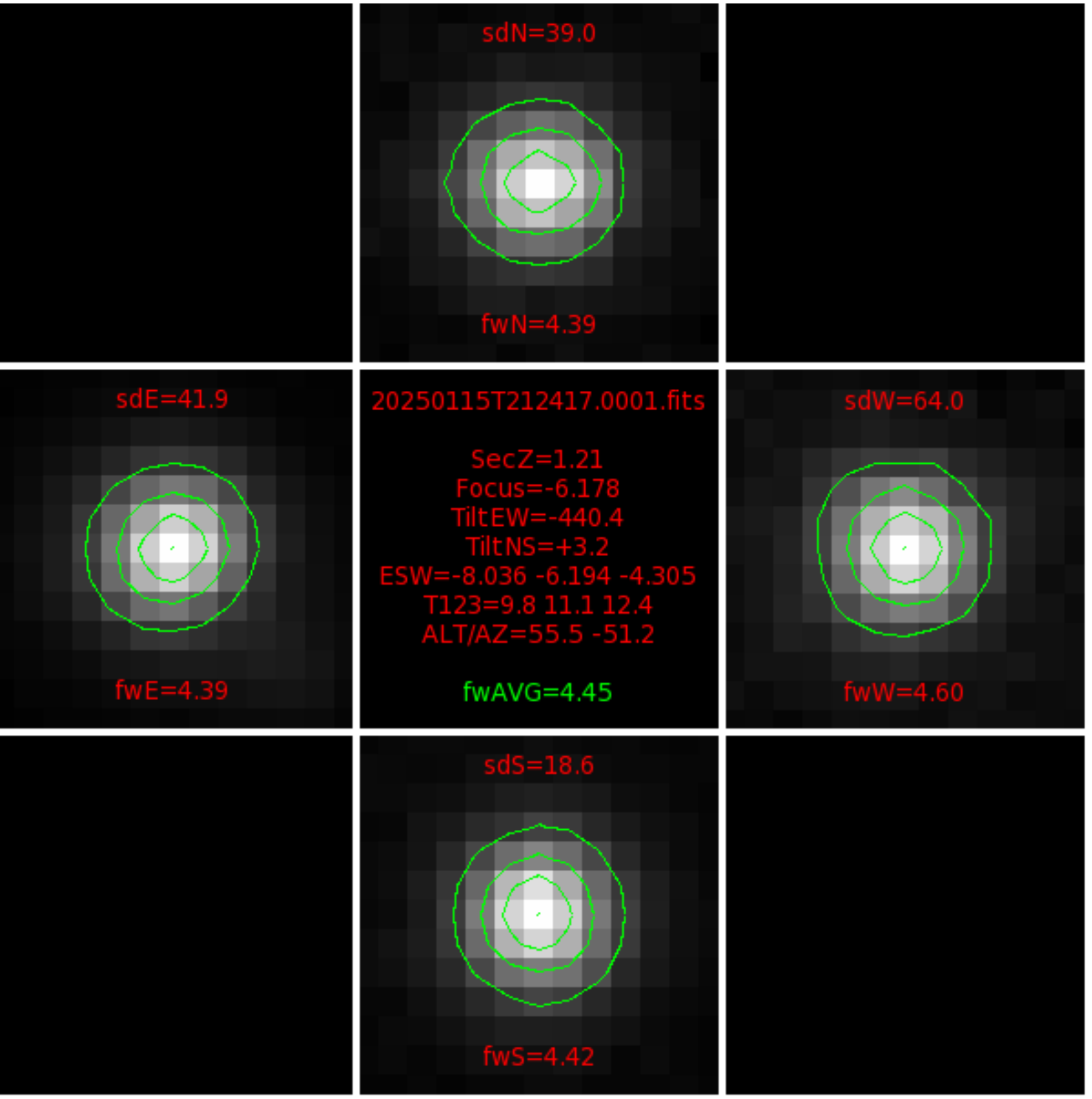
sdN=39.0
fwN=4.39
sdE=41.9
fwE=4.39
20250115T212417.0001.fits
SecZ=1.21
Focus=-6.178
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.036 -6.194 -4.305
T123=9.8 11.1 12.4
ALT/AZ=55.5 -51.2
fwAVG=4.45
sdW=64.0
fwW=4.60
sdS=18.6
fwS=4.42
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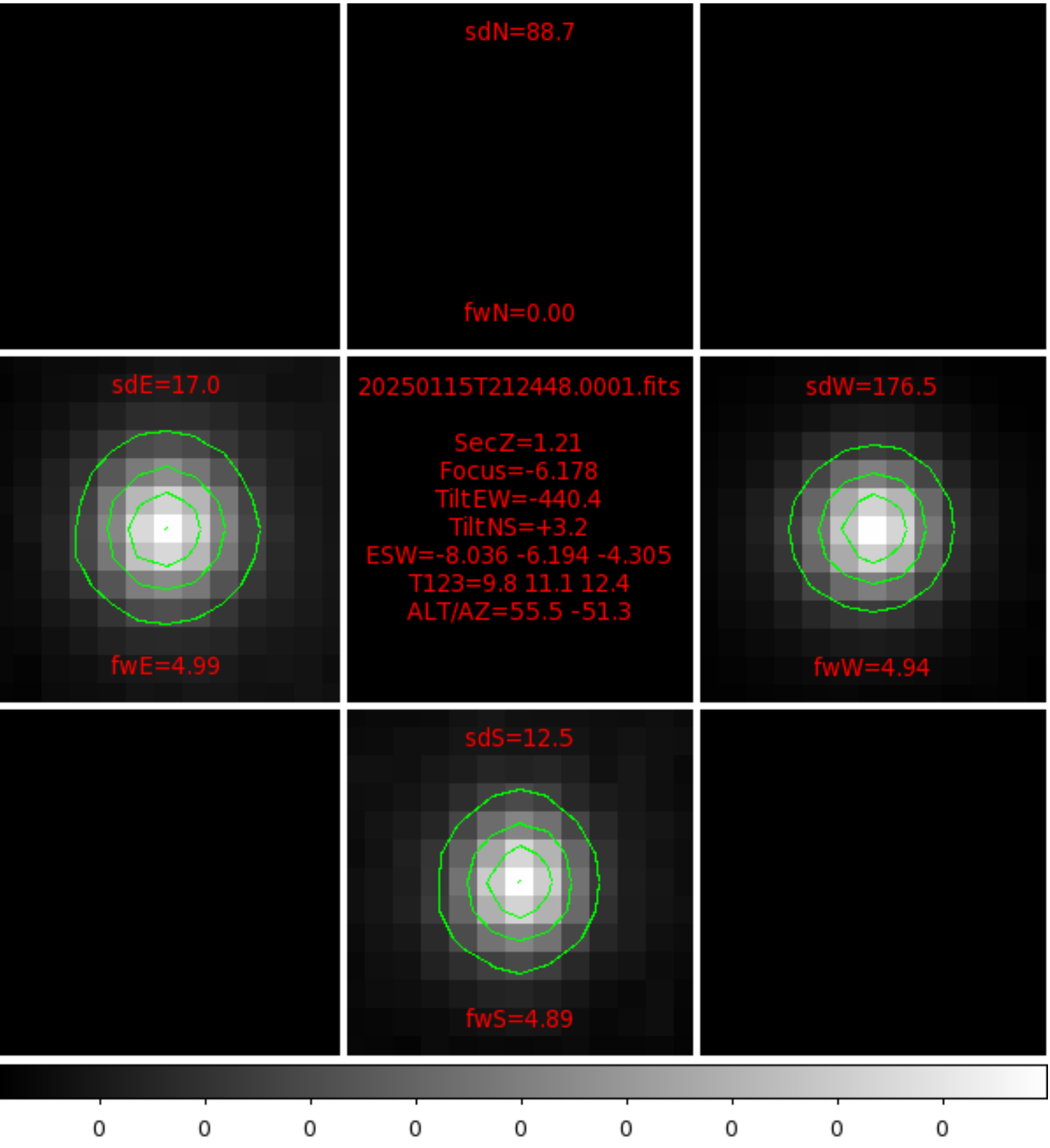
sdN=88.7
fwN=0.00
sdE=17.0
fwE=4.99
20250115T212448.0001.fits
SecZ=1.21
Focus=-6.178
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.036 -6.194 -4.305
T123=9.8 11.1 12.4
ALT/AZ=55.5 -51.3
sdW=176.5
fwW=4.94
sdS=12.5
fwS=4.89
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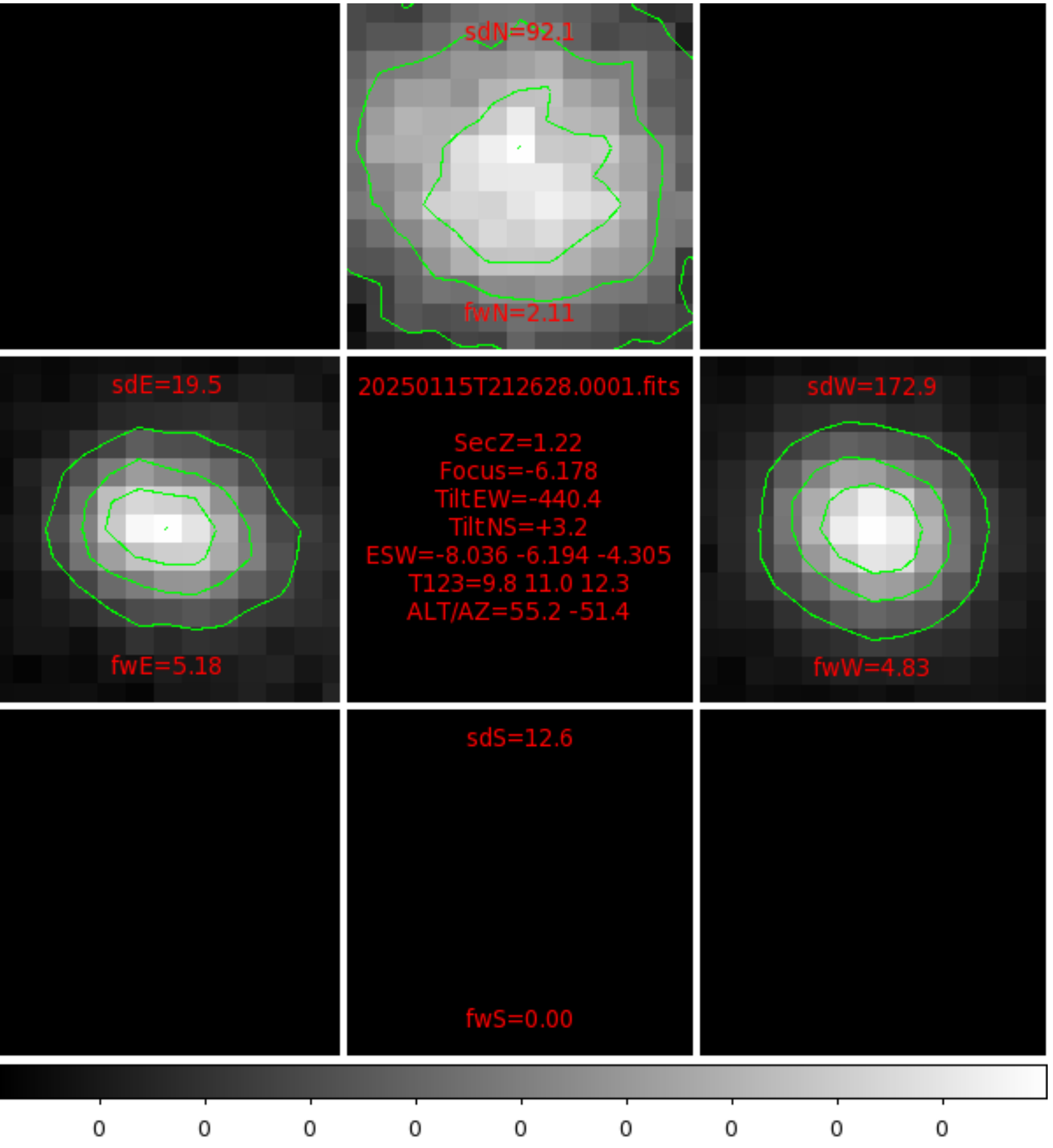
sdN=92.1
fwN=2.11
sdE=19.5
fwE=5.18
20250115T212628.0001.fits
SecZ=1.22
Focus=-6.178
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.036 -6.194 -4.305
T123=9.8 11.0 12.3
ALT/AZ=55.2 -51.4
sdW=172.9
fwW=4.83
sdS=12.6
fwS=0.00
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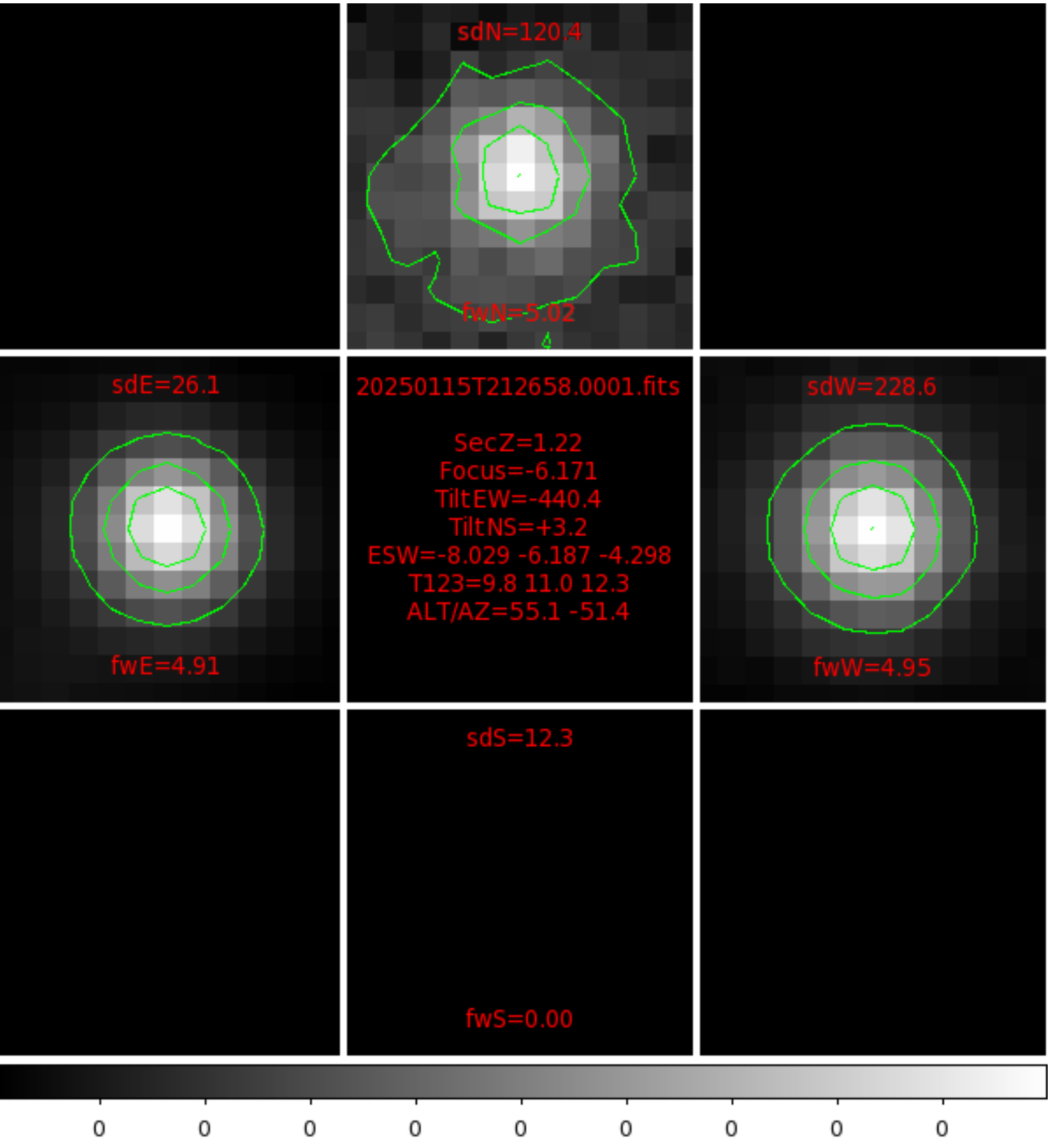
sdN=120.4
fwN=5.02
sdE=26.1
fwE=4.91
20250115T212658.0001.fits
SecZ=1.22
Focus=-6.171
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.029 -6.187 -4.298
T123=9.8 11.0 12.3
ALT/AZ=55.1 -51.4
sdW=228.6
fwW=4.95
sdS=12.3
fwS=0.00
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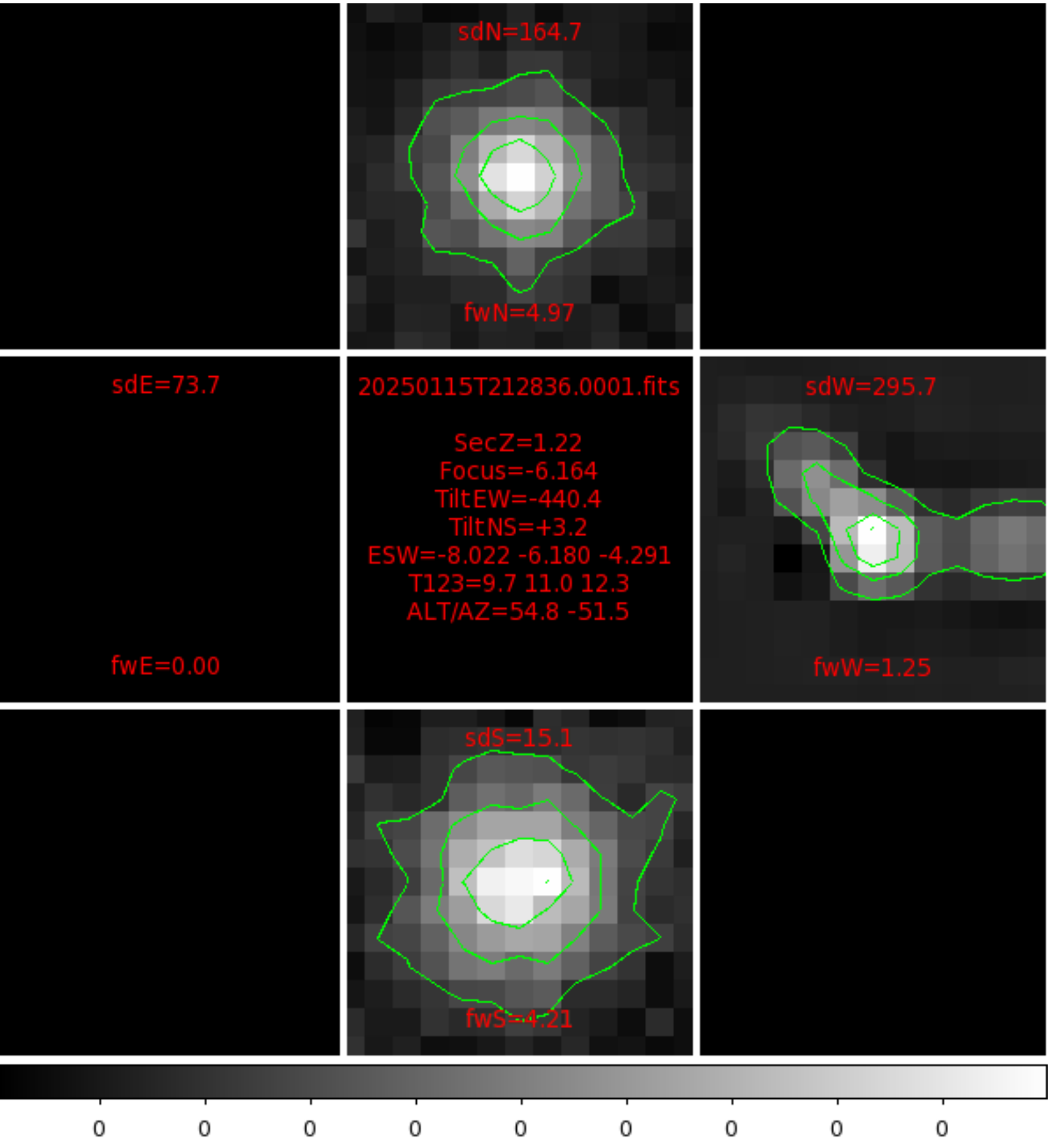
sdN=164.7
fwN=4.97
sdE=73.7
fwE=0.00
20250115T212836.0001.fits
SecZ=1.22
Focus=-6.164
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.022 -6.180 -4.291
T123=9.7 11.0 12.3
ALT/AZ=54.8 -51.5
sdW=295.7
fwW=1.25
sdS=15.1
fwS=4.21
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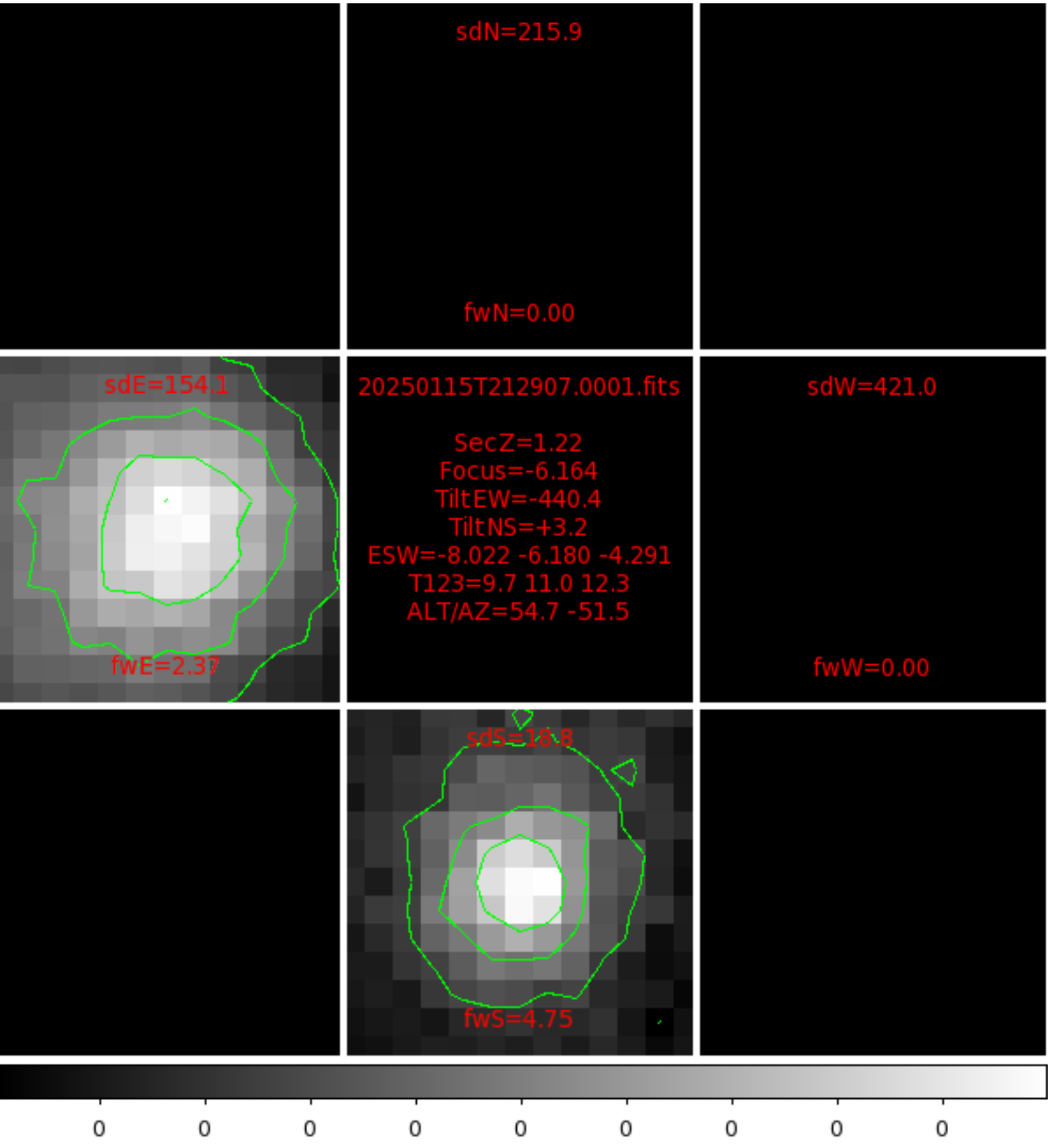
sdN=215.9
fwN=0.00
sdE=154.1
20250115T212907.0001.fits
SecZ=1.22
Focus=-6.164
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.022 -6.180 -4.291
T123=9.7 11.0 12.3
ALT/AZ=54.7 -51.5
sdW=421.0
fwE=2.37
fwW=0.00
sdS=18.8
fwS=4.75
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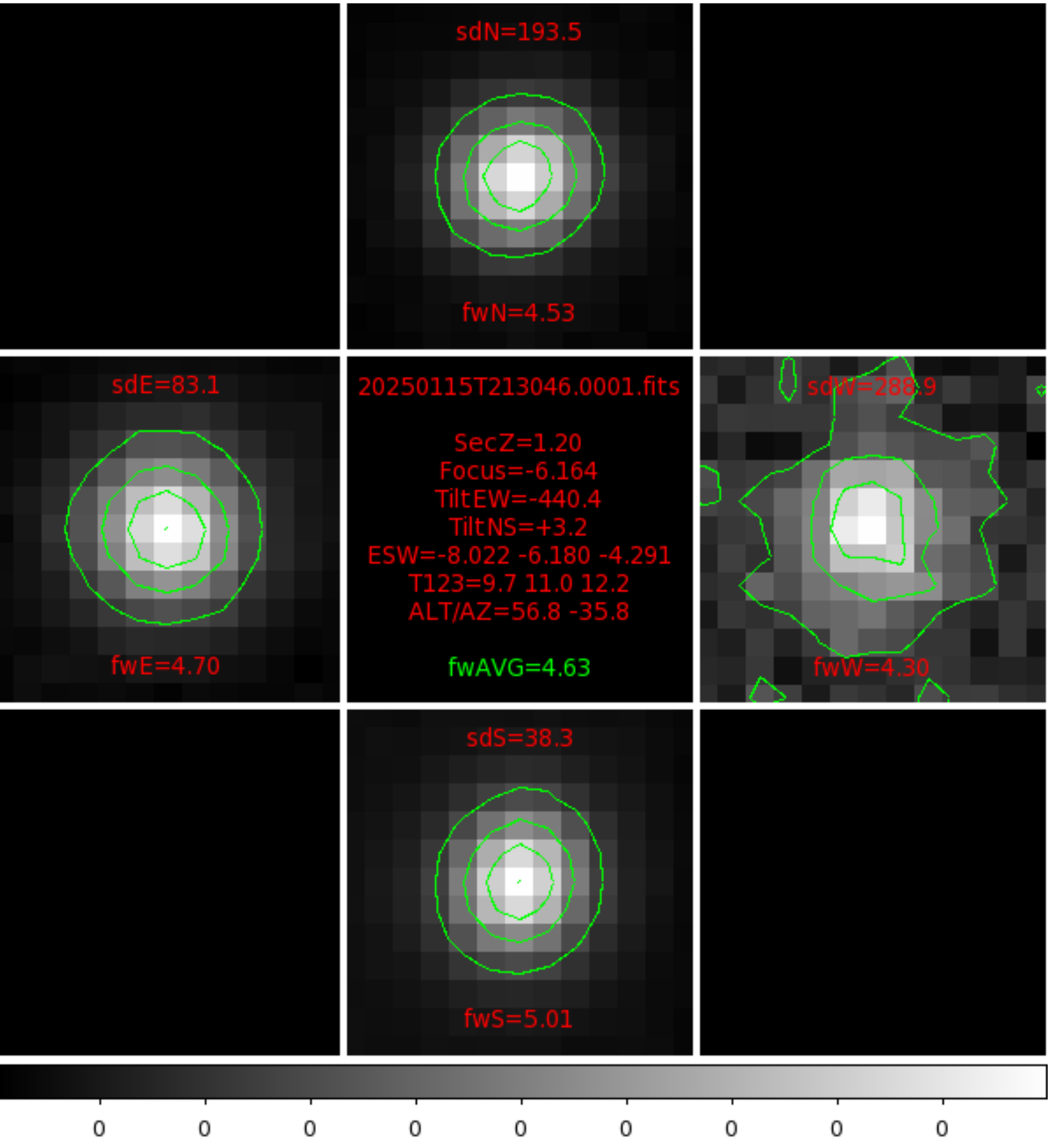
sdN=193.5
fwN=4.53
sdE=83.1
fwE=4.70
20250115T213046.0001.fits
SecZ=1.20
Focus=-6.164
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.022 -6.180 -4.291
T123=9.7 11.0 12.2
ALT/AZ=56.8 -35.8
fwAVG=4.63
sdW=288.9
fwW=4.30
sdS=38.3
fwS=5.01
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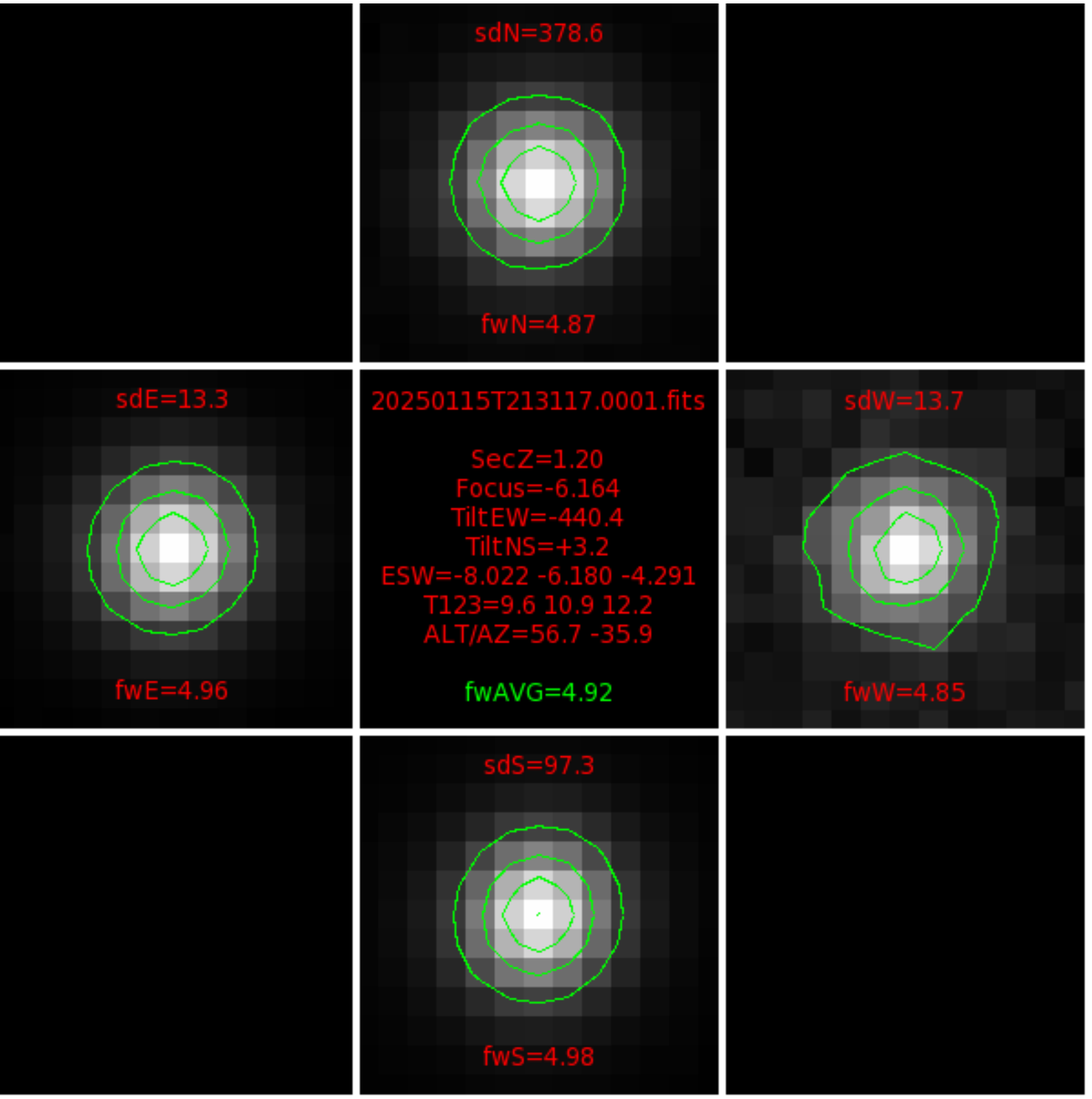
sdN=378.6
fwN=4.87
sdE=13.3
fwE=4.96
20250115T213117.0001.fits
SecZ=1.20
Focus=-6.164
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.022 -6.180 -4.291
T123=9.6 10.9 12.2
ALT/AZ=56.7 -35.9
fwAVG=4.92
sdW=13.7
fwW=4.85
sdS=97.3
fwS=4.98
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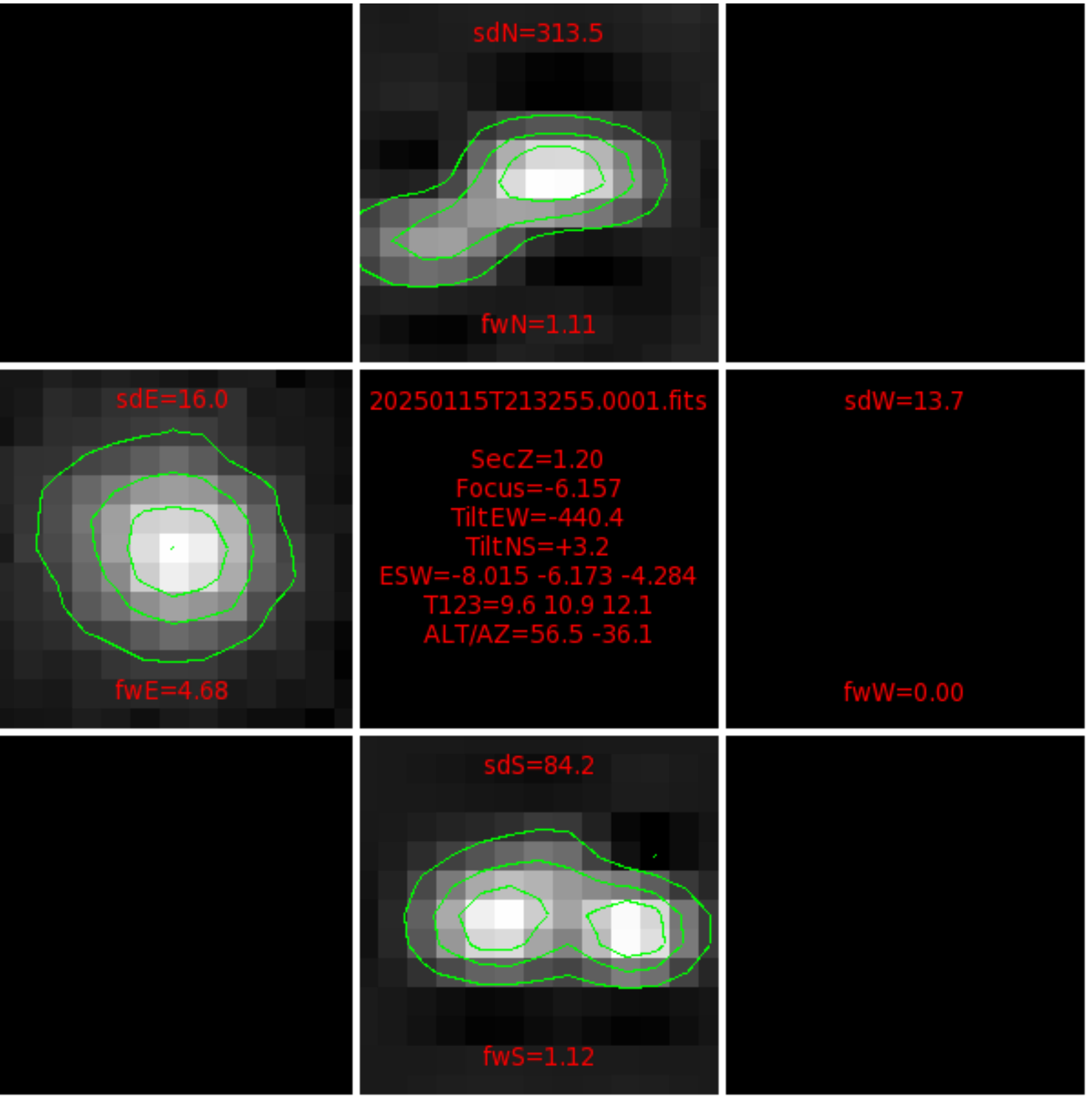
sdN=313.5
fwN=1.11
sdE=16.0
fwE=4.68
20250115T213255.0001.fits
SecZ=1.20
Focus=-6.157
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.015 -6.173 -4.284
T123=9.6 10.9 12.1
ALT/AZ=56.5 -36.1
sdW=13.7
fwW=0.00
sdS=84.2
fwS=1.12
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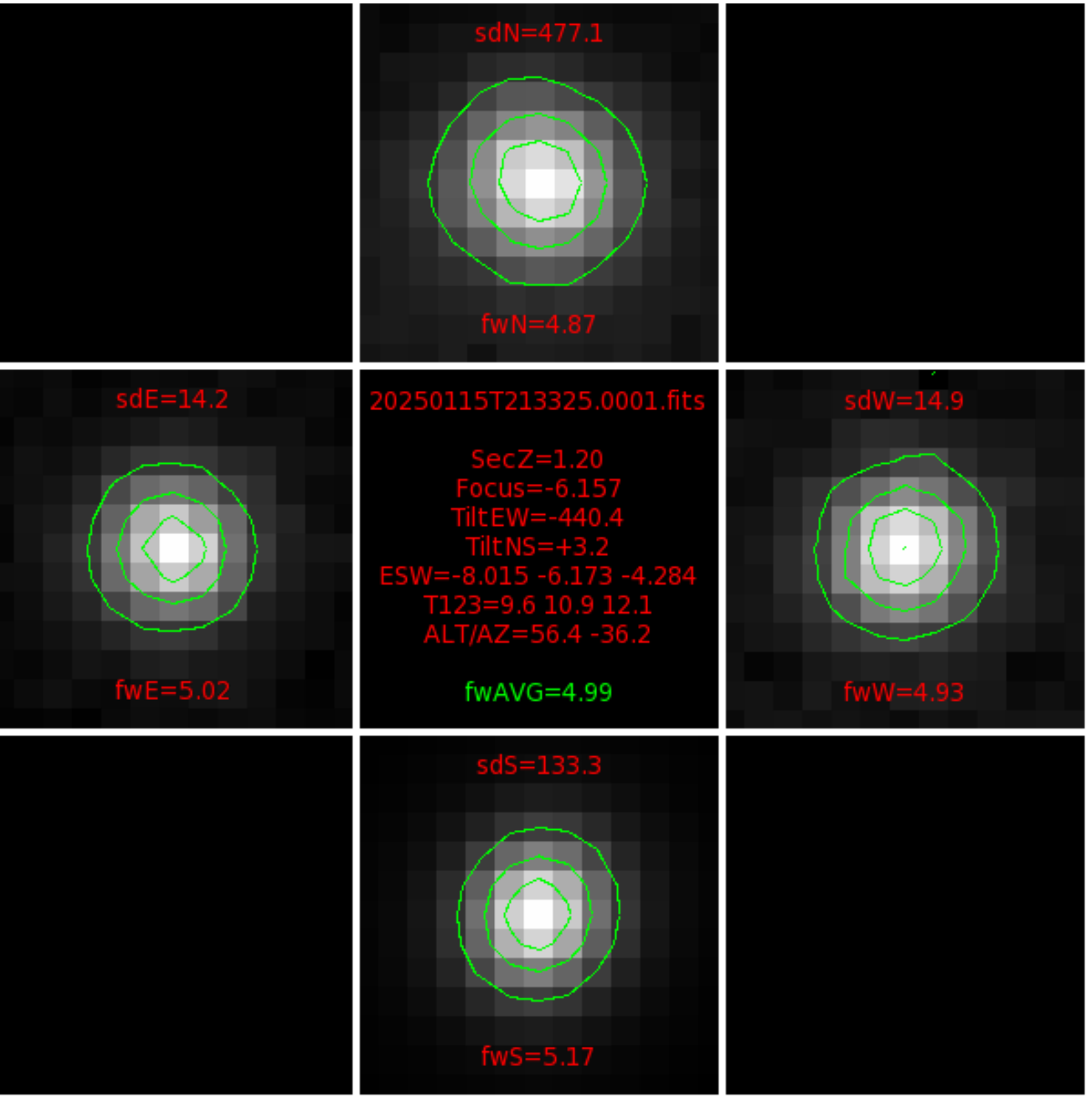
sdN=477.1
fwN=4.87
sdE=14.2
fwE=5.02
20250115T213325.0001.fits
SecZ=1.20
Focus=-6.157
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.015 -6.173 -4.284
T123=9.6 10.9 12.1
ALT/AZ=56.4 -36.2
fwAVG=4.99
sdW=14.9
fwW=4.93
sdS=133.3
fwS=5.17
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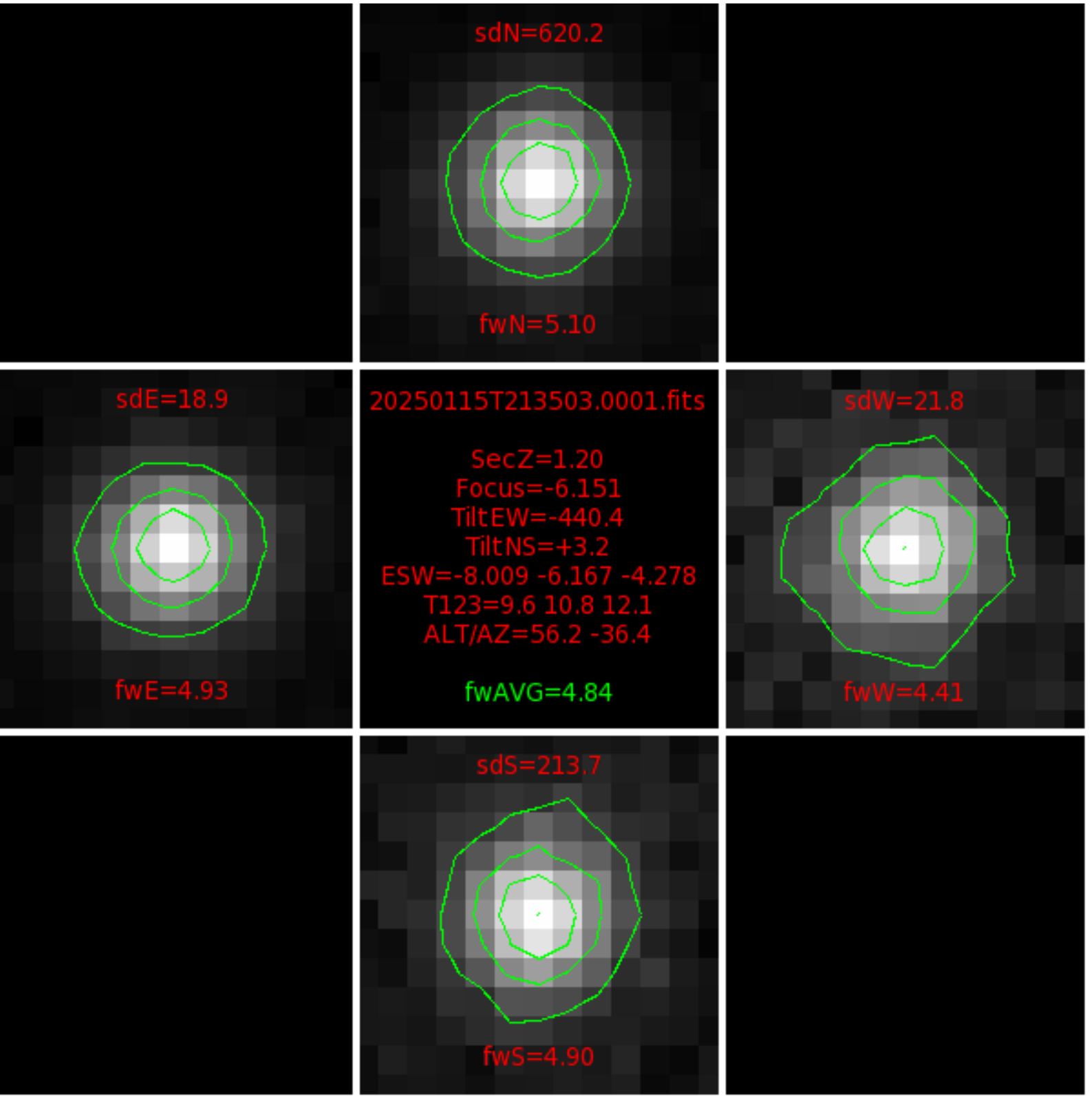
sdN=620.2
fwN=5.10
sdE=18.9
fwE=4.93
20250115T213503.0001.fits
SecZ=1.20
Focus=-6.151
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.009 -6.167 -4.278
T123=9.6 10.8 12.1
ALT/AZ=56.2 -36.4
fwAVG=4.84
sdW=21.8
fwW=4.41
sdS=213.7
fwS=4.90
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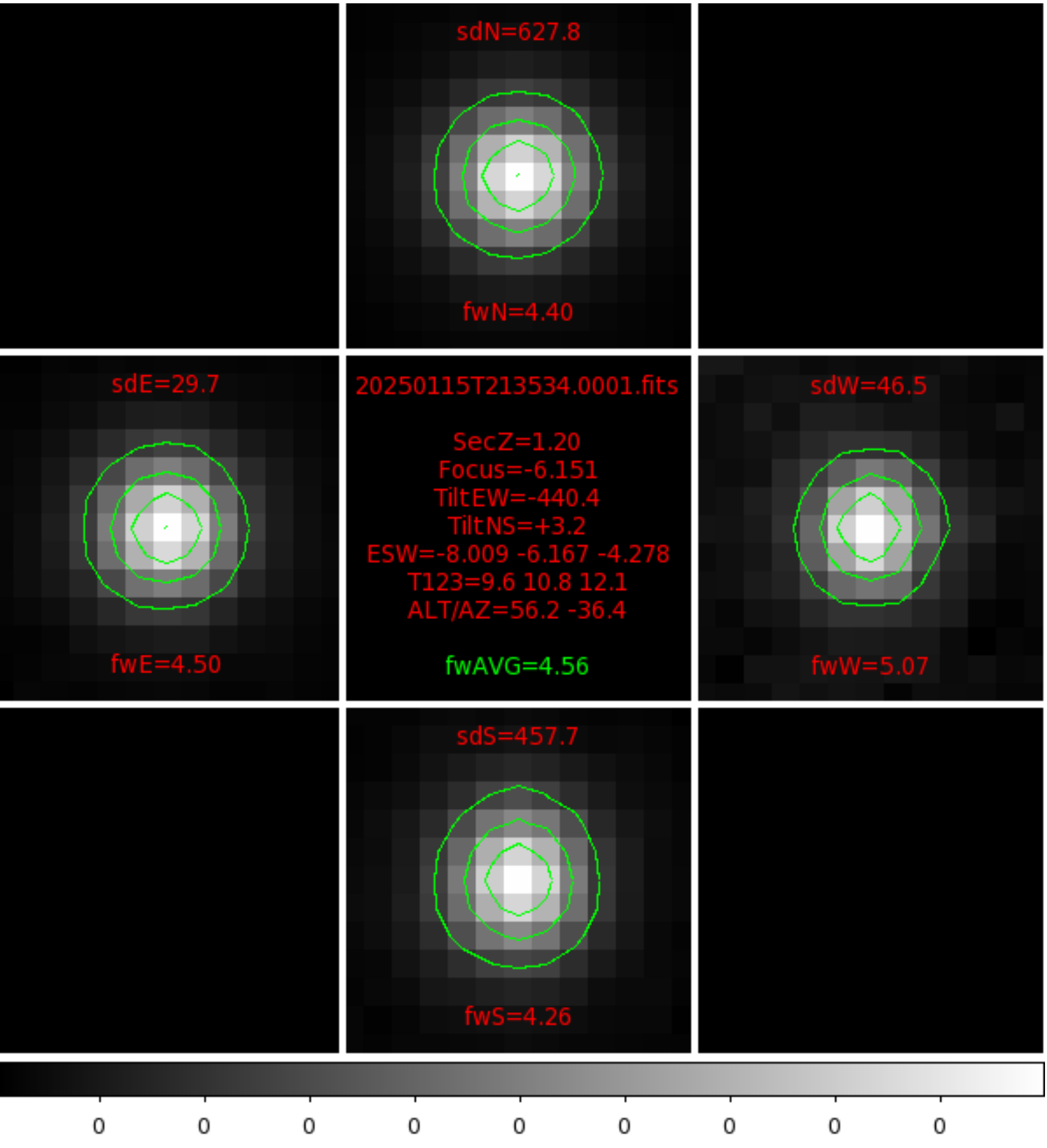
sdN=627.8
fwN=4.40
sdE=29.7
fwE=4.50
20250115T213534.0001.fits
SecZ=1.20
Focus=-6.151
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.009 -6.167 -4.278
T123=9.6 10.8 12.1
ALT/AZ=56.2 -36.4
fwAVG=4.56
sdW=46.5
fwW=5.07
sdS=457.7
fwS=4.26
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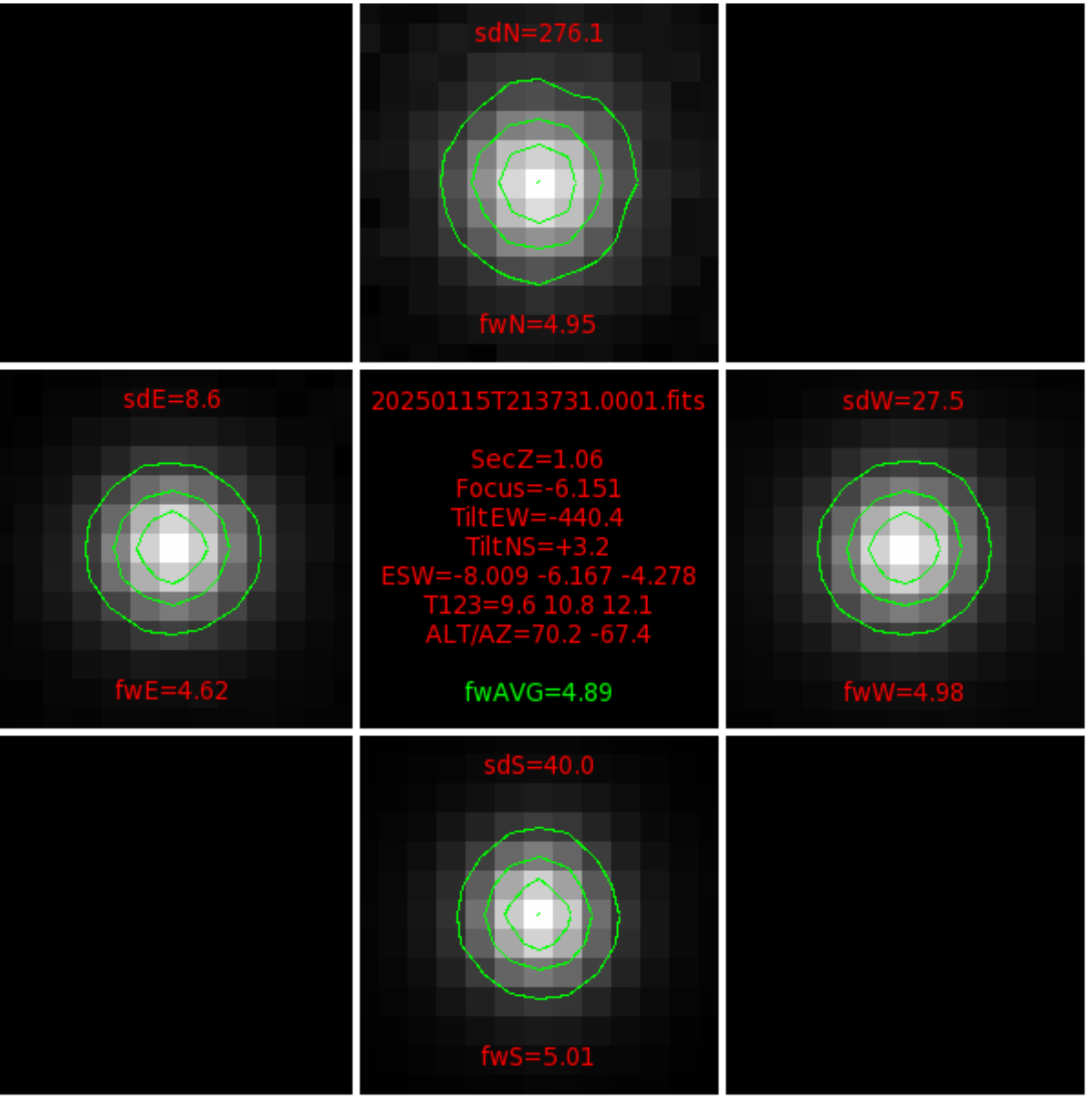
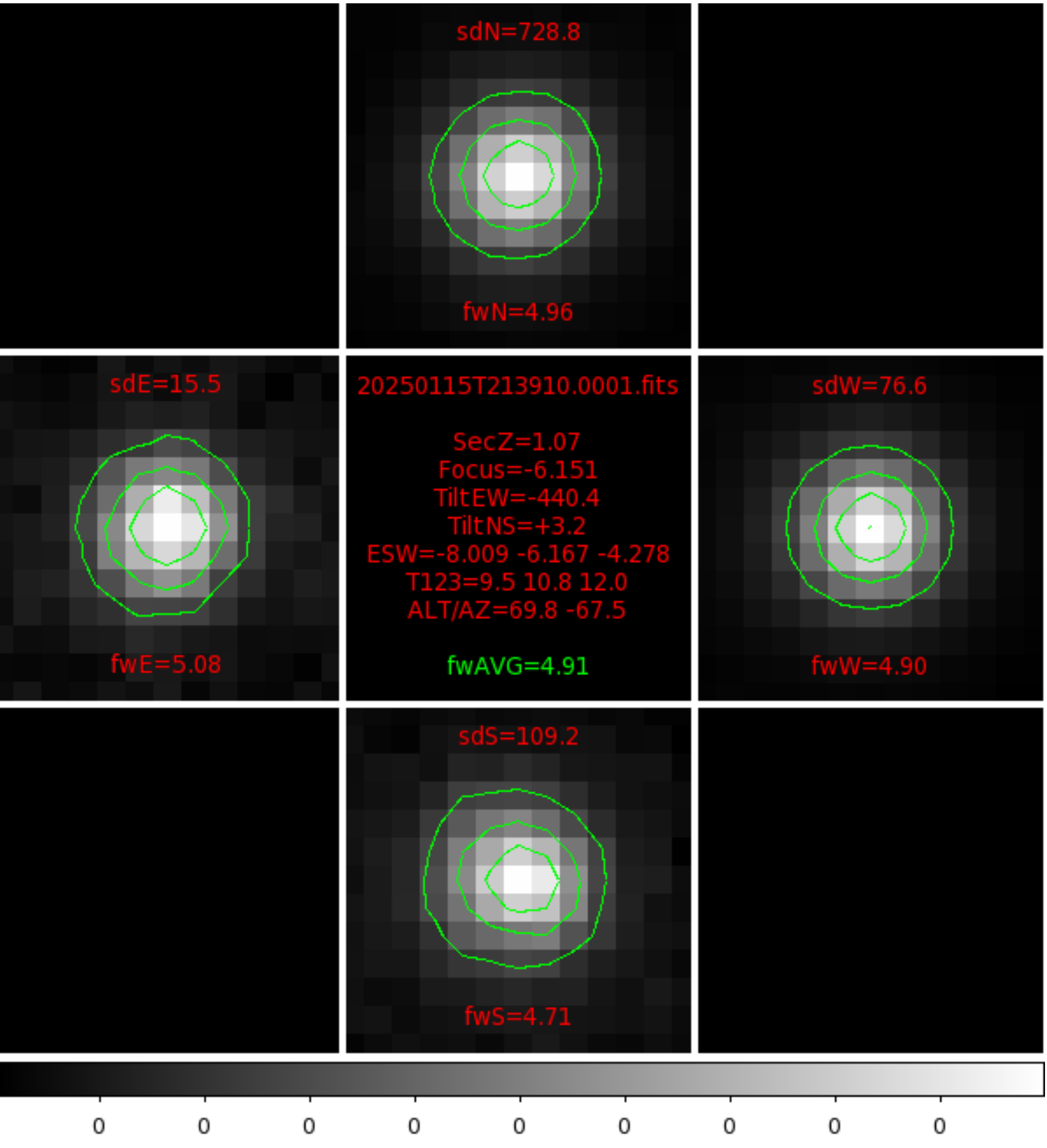

sdN=276.1
fwN=4.95
sdE=8.6
fwE=4.62
20250115T213731.0001.fits
SecZ=1.06
Focus=-6.151
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.009 -6.167 -4.278
T123=9.6 10.8 12.1
ALT/AZ=70.2 -67.4
fwAVG=4.89
sdW=27.5
fwW=4.98
sdS=40.0
fwS=5.01
0 0 0 0 0 0 0 0 0


sdN=728.8
fwN=4.96
sdE=15.5
fwE=5.08
20250115T213910.0001.fits
SecZ=1.07
Focus=-6.151
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.009 -6.167 -4.278
T123=9.5 10.8 12.0
ALT/AZ=69.8 -67.5
fwAVG=4.91
sdW=76.6
fwW=4.90
sdS=109.2
fwS=4.71
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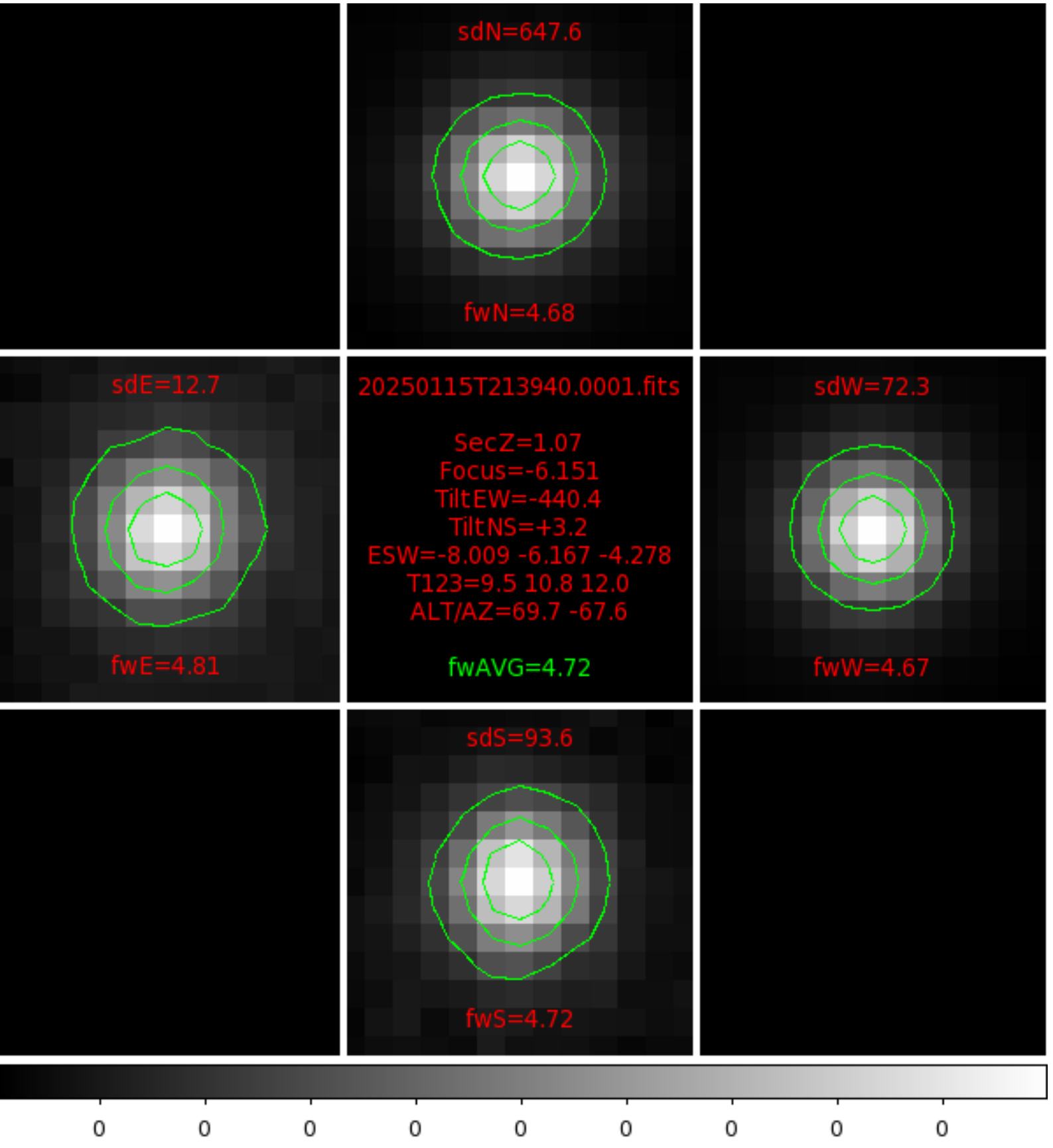
sdN=647.6
fwN=4.68
sdE=12.7
fwE=4.81
20250115T213940.0001.fits
SecZ=1.07
Focus=-6.151
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.009 -6.167 -4.278
T123=9.5 10.8 12.0
ALT/AZ=69.7 -67.6
fwAVG=4.72
sdW=72.3
fwW=4.67
sdS=93.6
fwS=4.72
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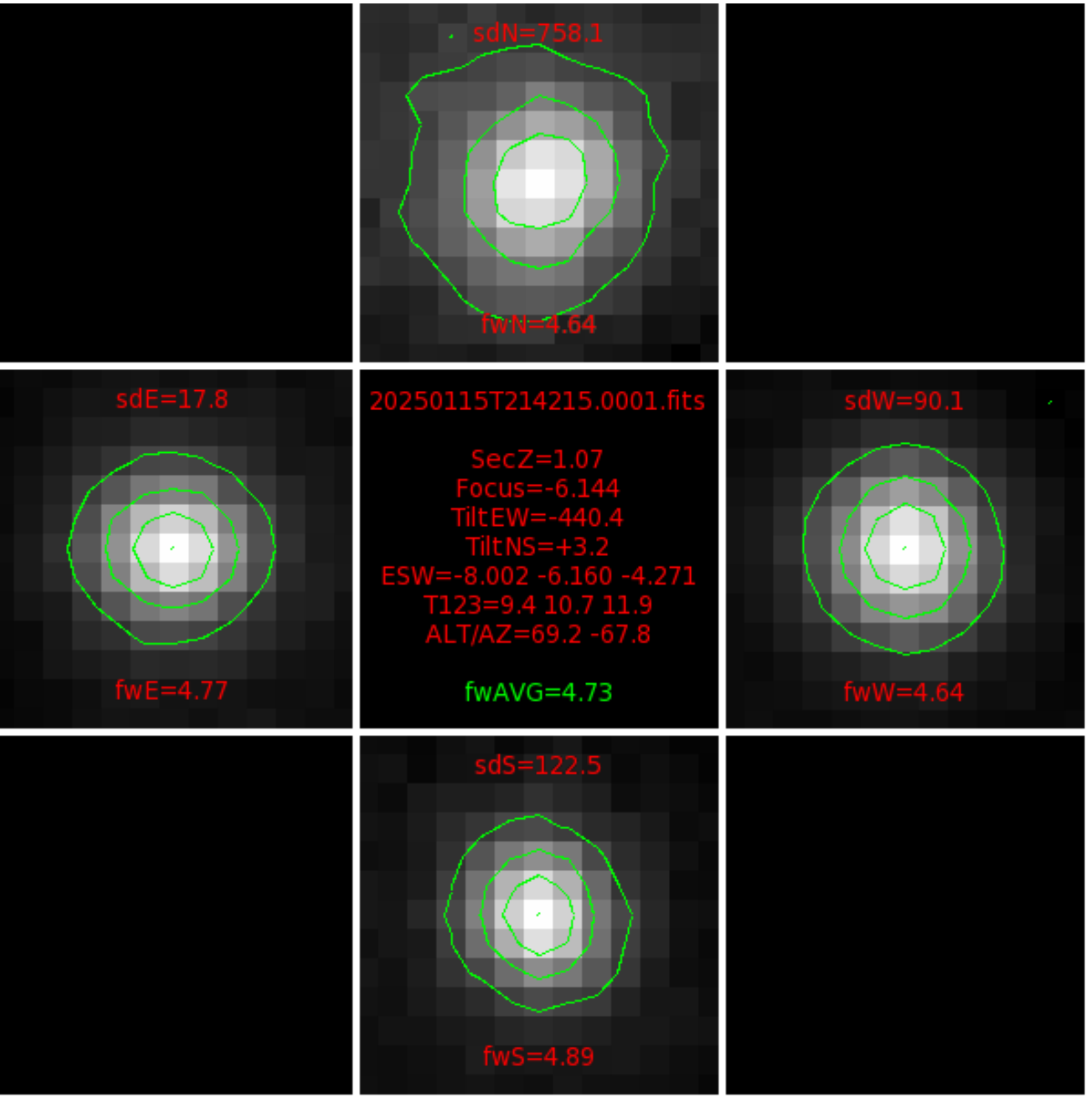
sdN=758.1
fwN=4.64
sdE=17.8
fwE=4.77
20250115T214215.0001.fits
SecZ=1.07
Focus=-6.144
TiltEW=-440.4
TiltNS=+3.2
ESW=-8.002 -6.160 -4.271
T123=9.4 10.7 11.9
ALT/AZ=69.2 -67.8
fwAVG=4.73
sdW=90.1
fwW=4.64
sdS=122.5
fwS=4.89
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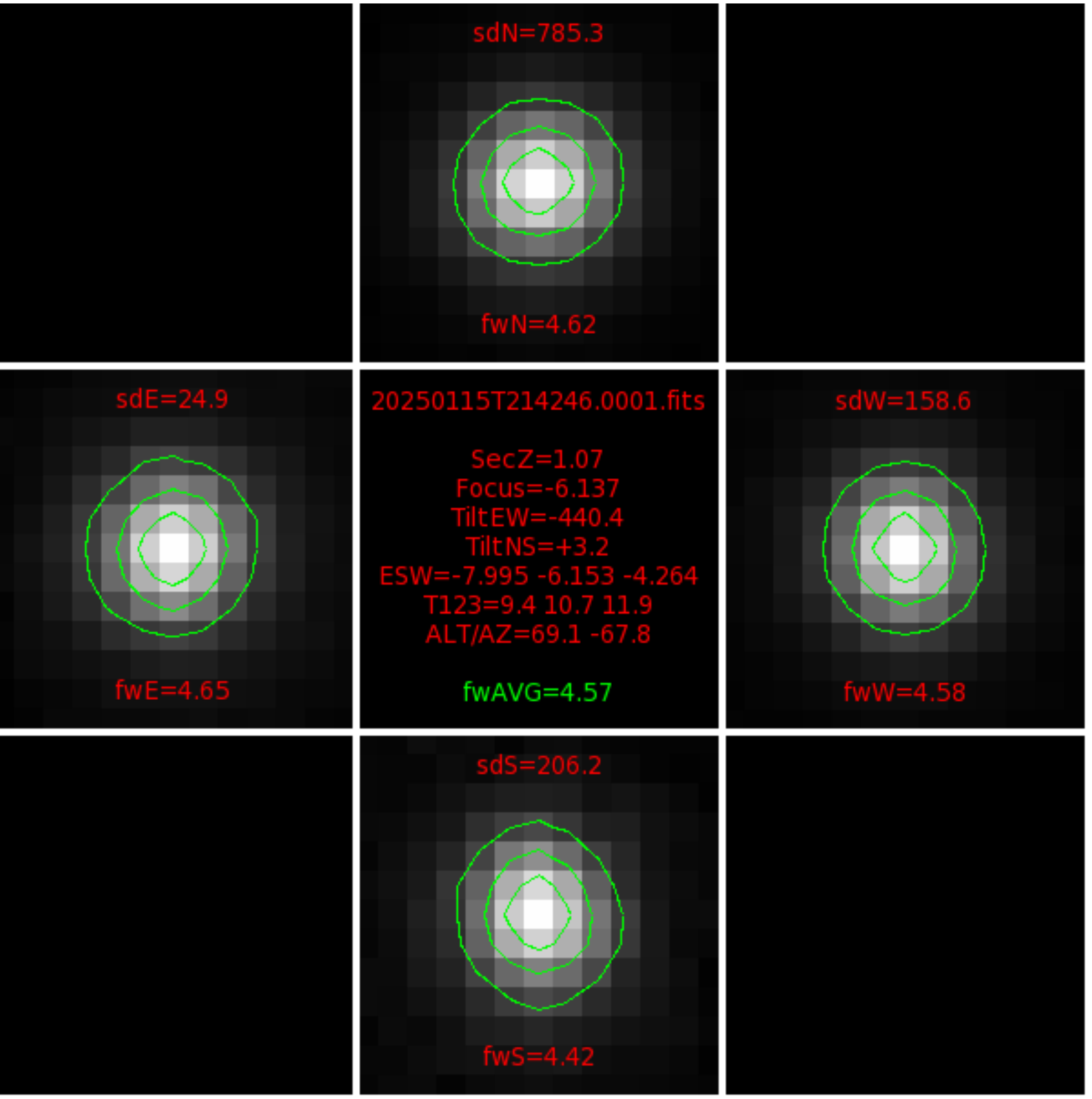
sdN=785.3
fwN=4.62
sdE=24.9
fwE=4.65
20250115T214246.0001.fits
SecZ=1.07
Focus=-6.137
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.995 -6.153 -4.264
T123=9.4 10.7 11.9
ALT/AZ=69.1 -67.8
fwAVG=4.57
sdW=158.6
fwW=4.58
sdS=206.2
fwS=4.42
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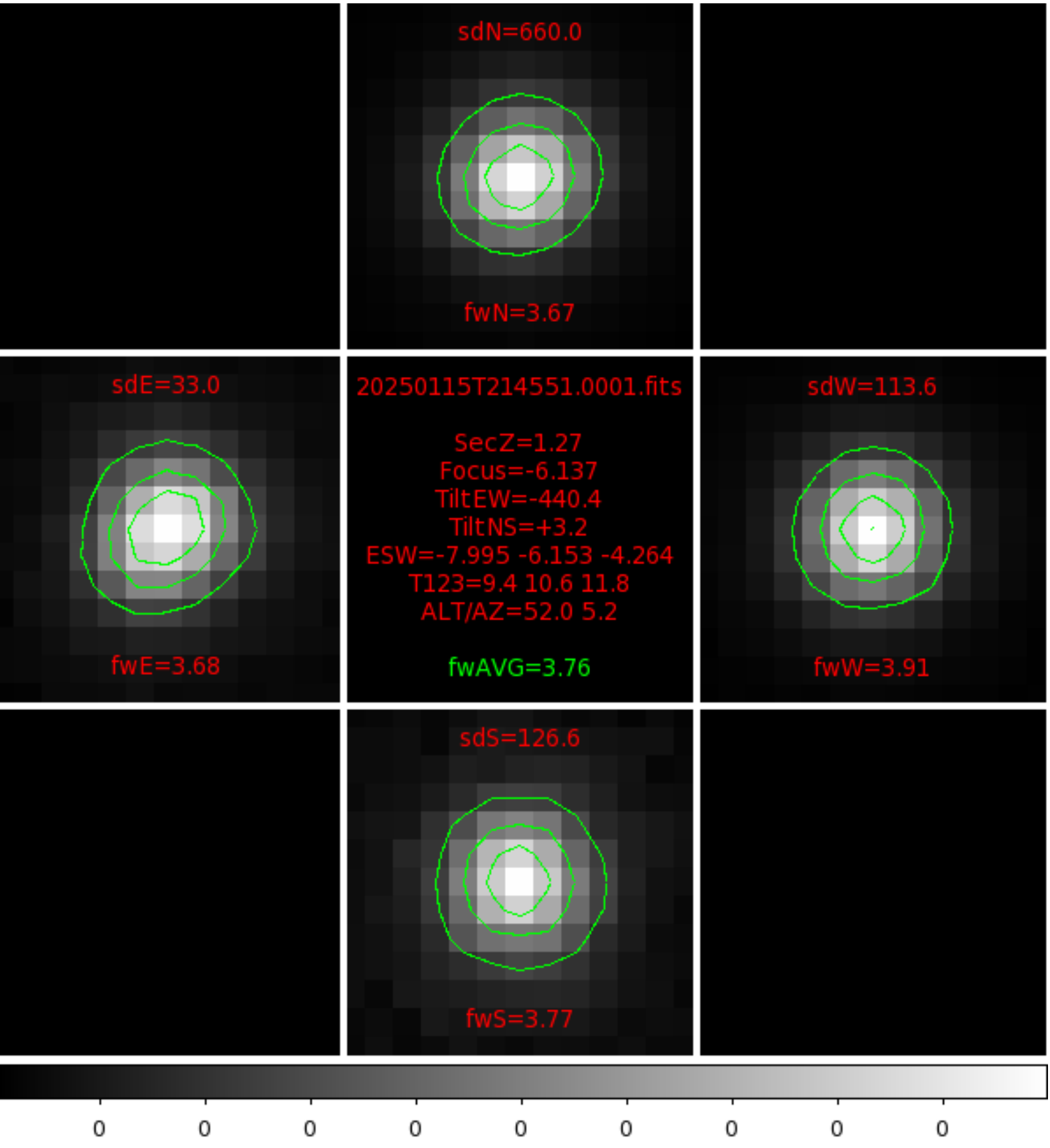
sdN=660.0
fwN=3.67
sdE=33.0
fwE=3.68
20250115T214551.0001.fits
SecZ=1.27
Focus=-6.137
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.995 -6.153 -4.264
T123=9.4 10.6 11.8
ALT/AZ=52.0 5.2
fwAVG=3.76
sdW=113.6
fwW=3.91
sdS=126.6
fwS=3.77
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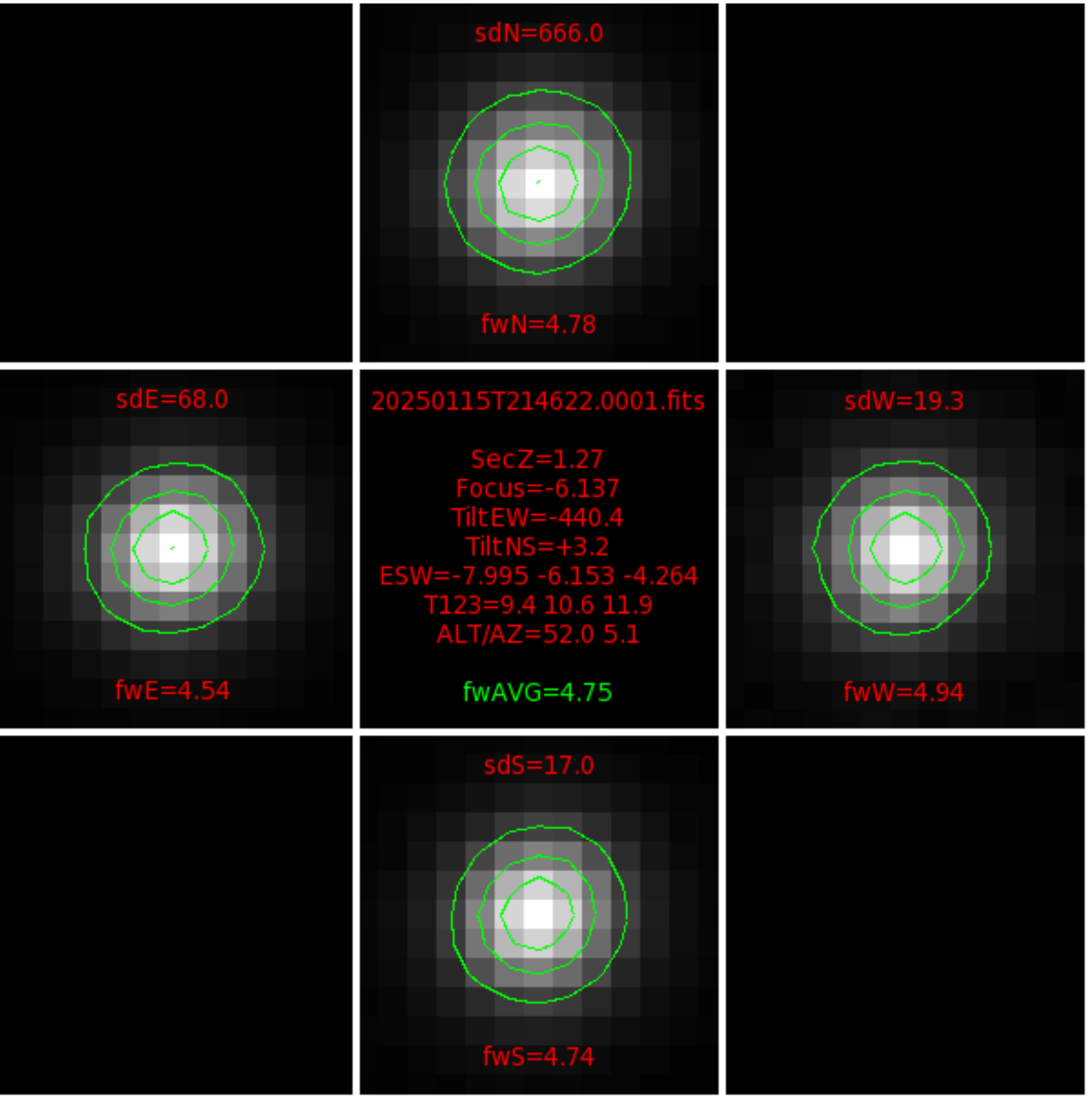
sdN=666.0
fwN=4.78
sdE=68.0
fwE=4.54
20250115T214622.0001.fits
SecZ=1.27
Focus=-6.137
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.995 -6.153 -4.264
T123=9.4 10.6 11.9
ALT/AZ=52.0 5.1
fwAVG=4.75
sdW=19.3
fwW=4.94
sdS=17.0
fwS=4.74
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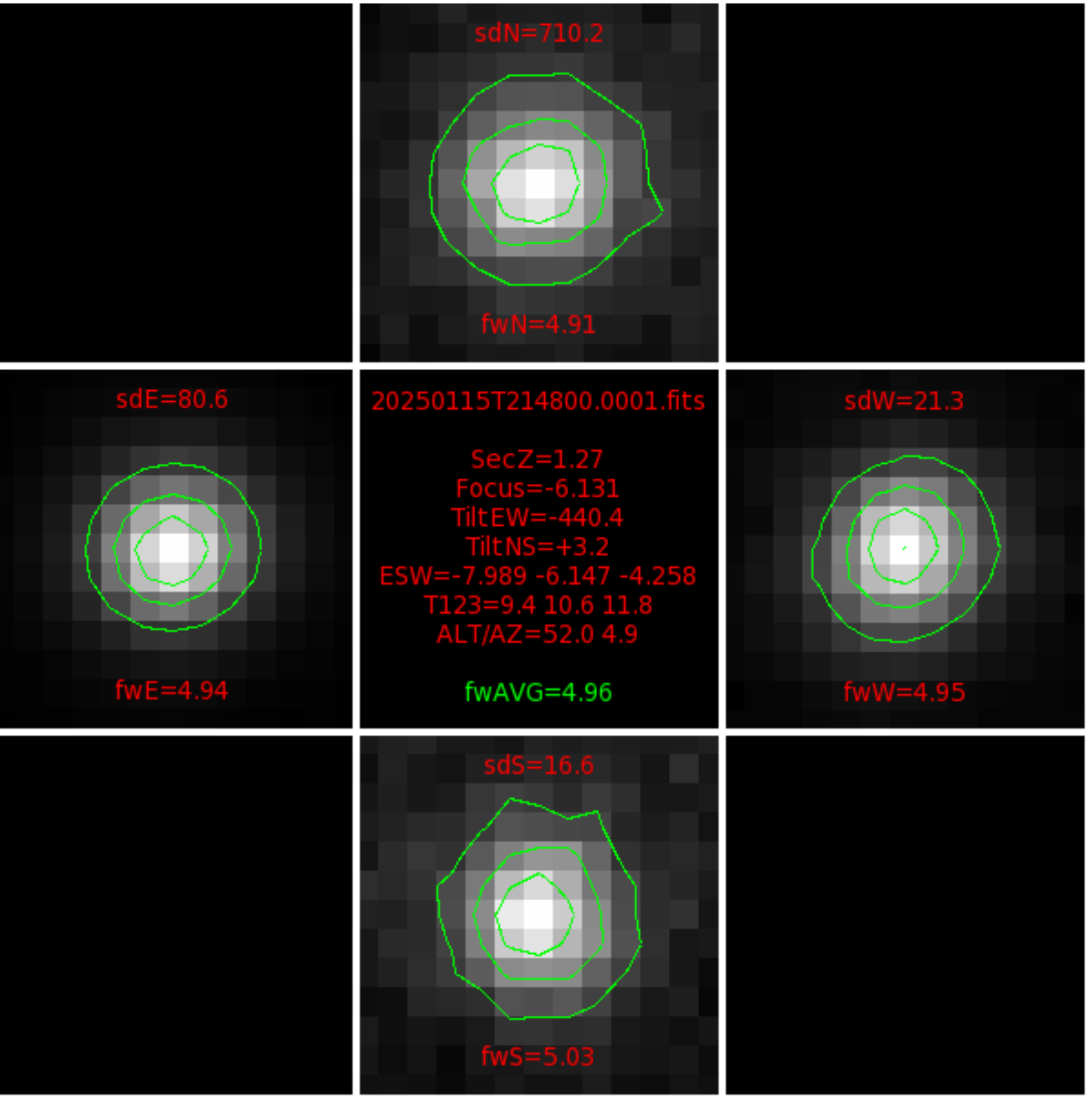
sdN=710.2
fwN=4.91
sdE=80.6
fwE=4.94
20250115T214800.0001.fits
SecZ=1.27
Focus=-6.131
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.989 -6.147 -4.258
T123=9.4 10.6 11.8
ALT/AZ=52.0 4.9
fwAVG=4.96
sdW=21.3
fwW=4.95
sdS=16.6
fwS=5.03
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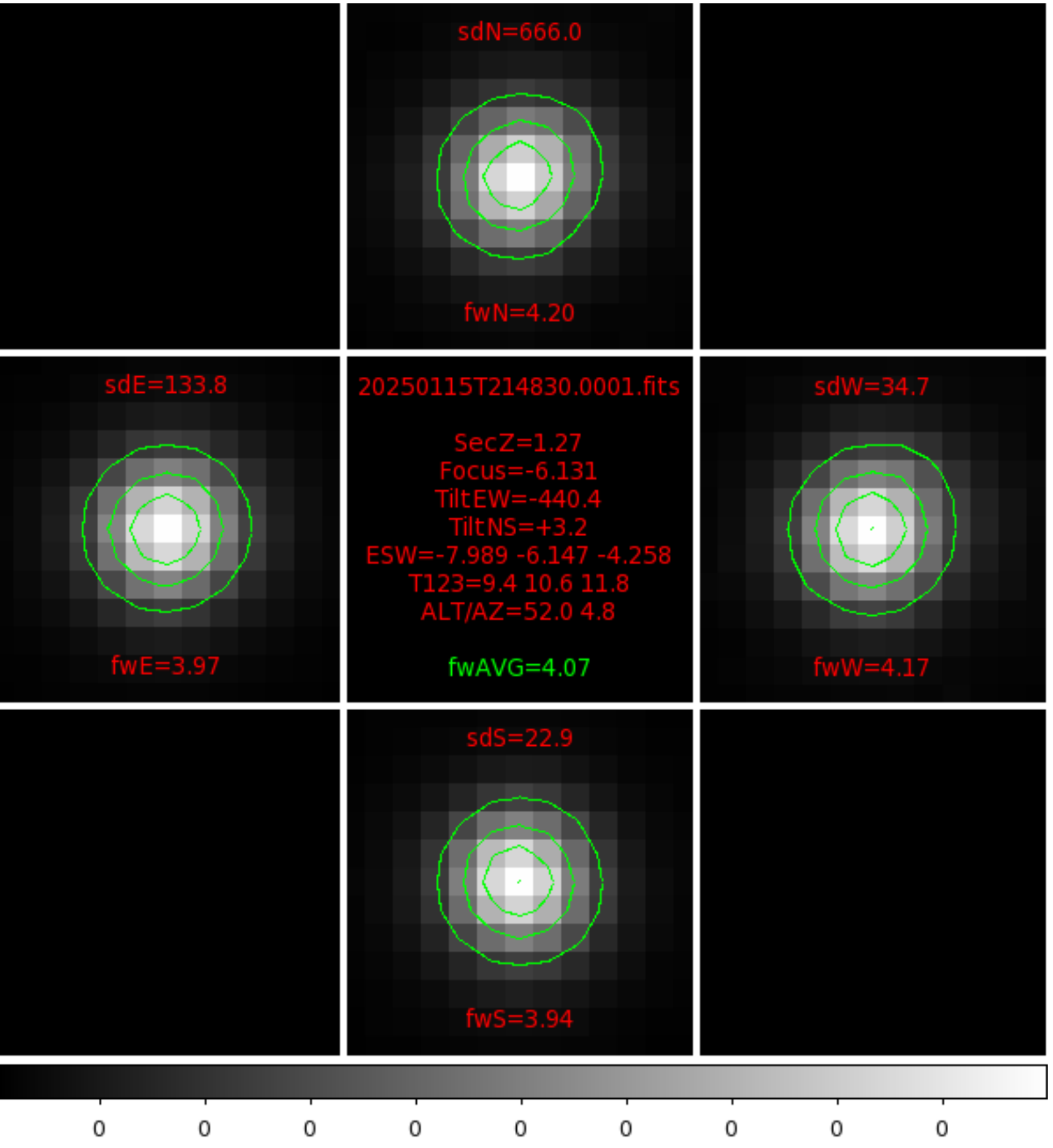
sdN=666.0
fwN=4.20
sdE=133.8
fwE=3.97
20250115T214830.0001.fits
SecZ=1.27
Focus=-6.131
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.989 -6.147 -4.258
T123=9.4 10.6 11.8
ALT/AZ=52.0 4.8
fwAVG=4.07
sdW=34.7
fwW=4.17
sdS=22.9
fwS=3.94
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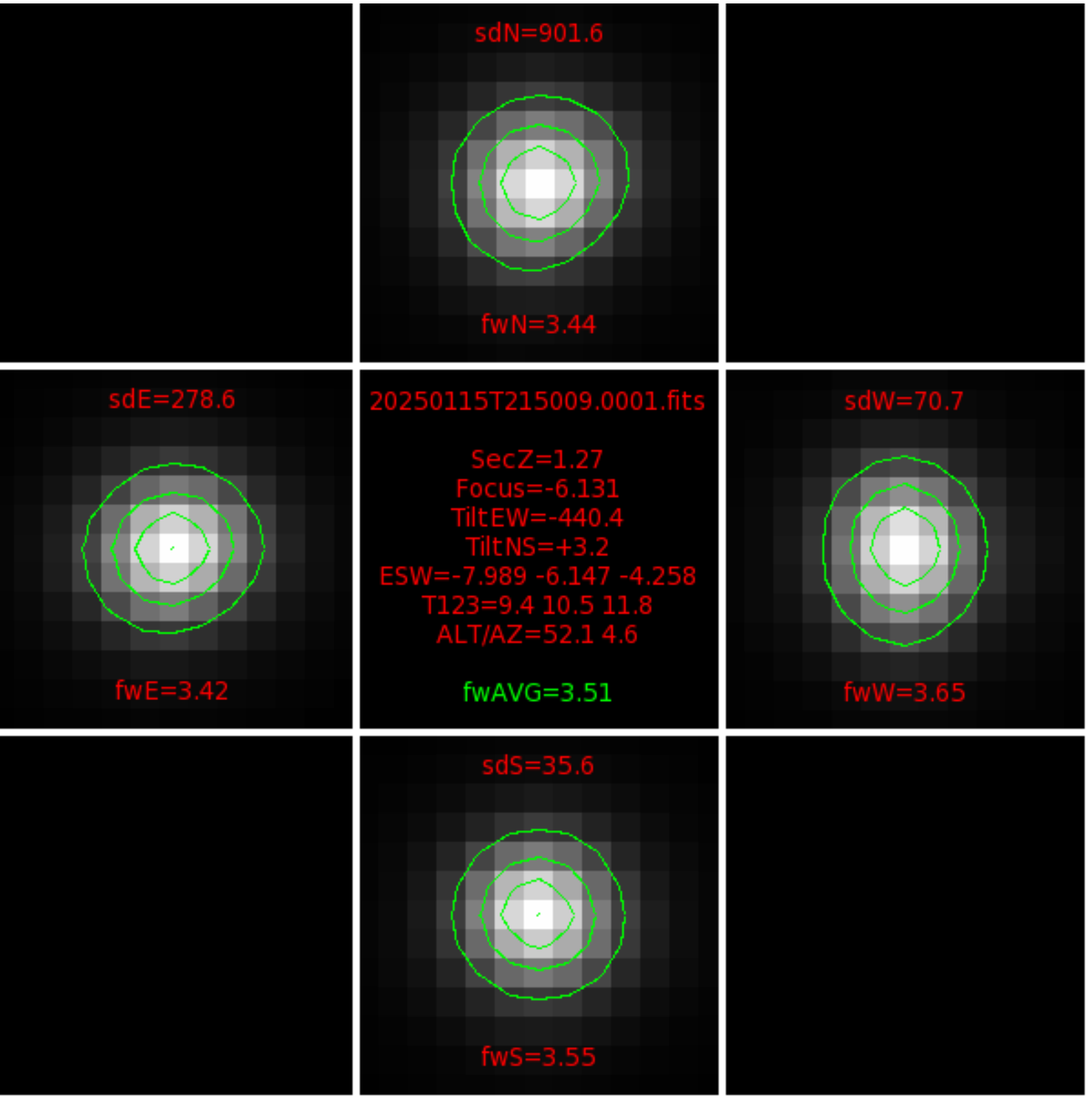
sdN=901.6
fwN=3.44
sdE=278.6
fwE=3.42
20250115T215009.0001.fits
SecZ=1.27
Focus=-6.131
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.989 -6.147 -4.258
T123=9.4 10.5 11.8
ALT/AZ=52.1 4.6
fwAVG=3.51
sdW=70.7
fwW=3.65
sdS=35.6
fwS=3.55
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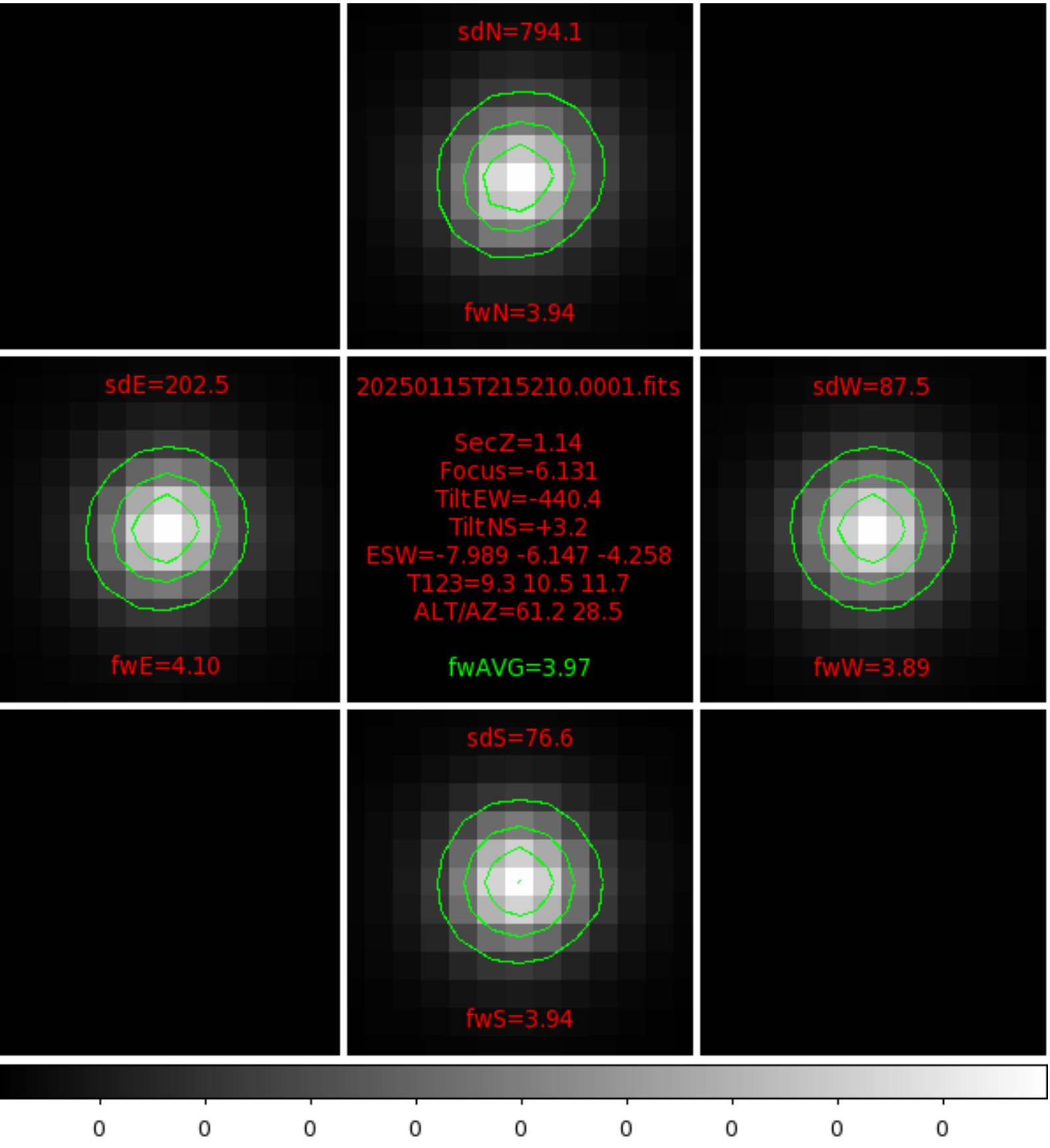
sdN=794.1
fwN=3.94
sdE=202.5
fwE=4.10
20250115T215210.0001.fits
SecZ=1.14
Focus=-6.131
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.989 -6.147 -4.258
T123=9.3 10.5 11.7
ALT/AZ=61.2 28.5
fwAVG=3.97
sdW=87.5
fwW=3.89
sdS=76.6
fwS=3.94
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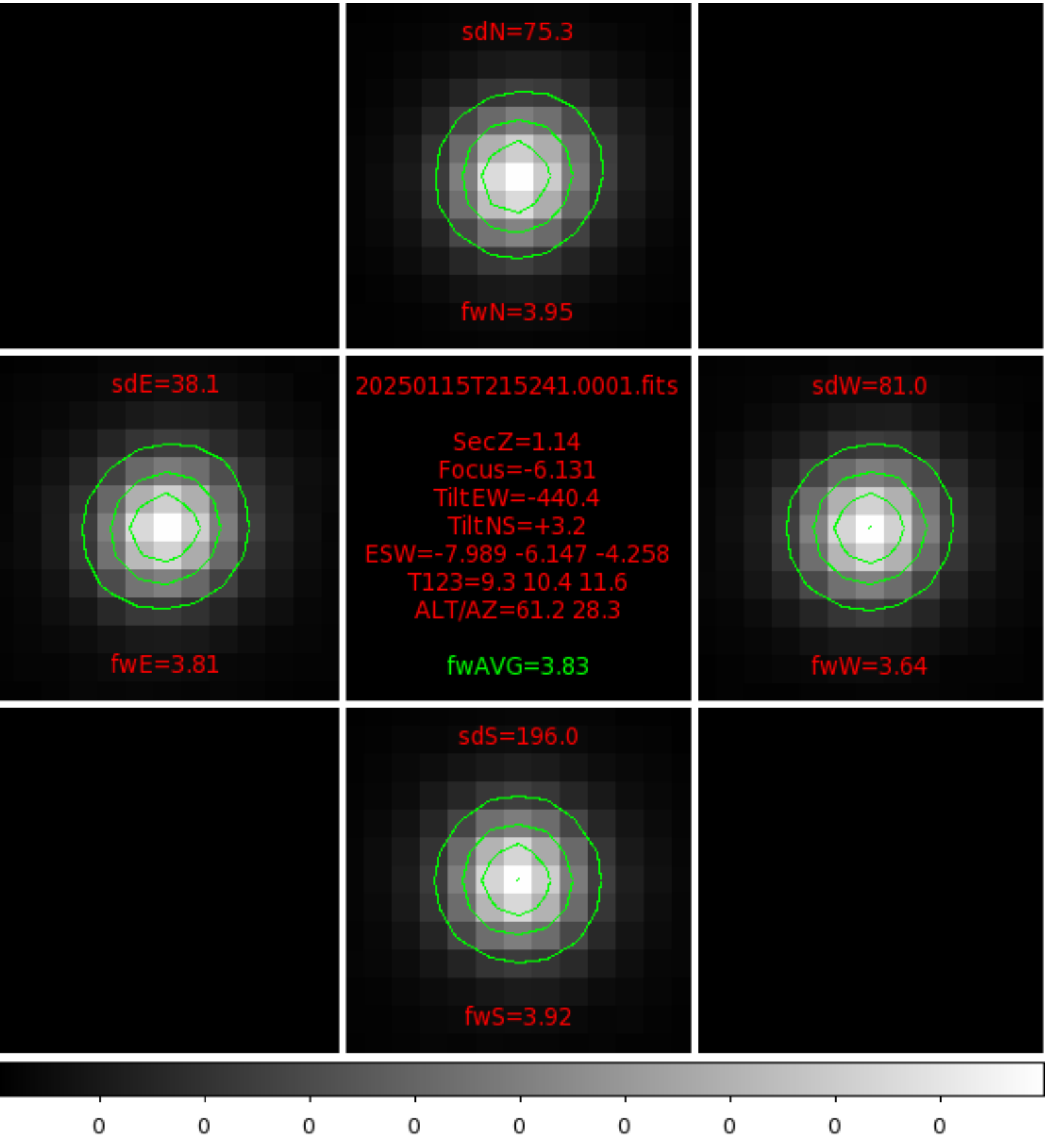
sdN=75.3
fwN=3.95
sdE=38.1
fwE=3.81
20250115T215241.0001.fits
SecZ=1.14
Focus=-6.131
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.989 -6.147 -4.258
T123=9.3 10.4 11.6
ALT/AZ=61.2 28.3
fwAVG=3.83
sdW=81.0
fwW=3.64
sdS=196.0
fwS=3.92
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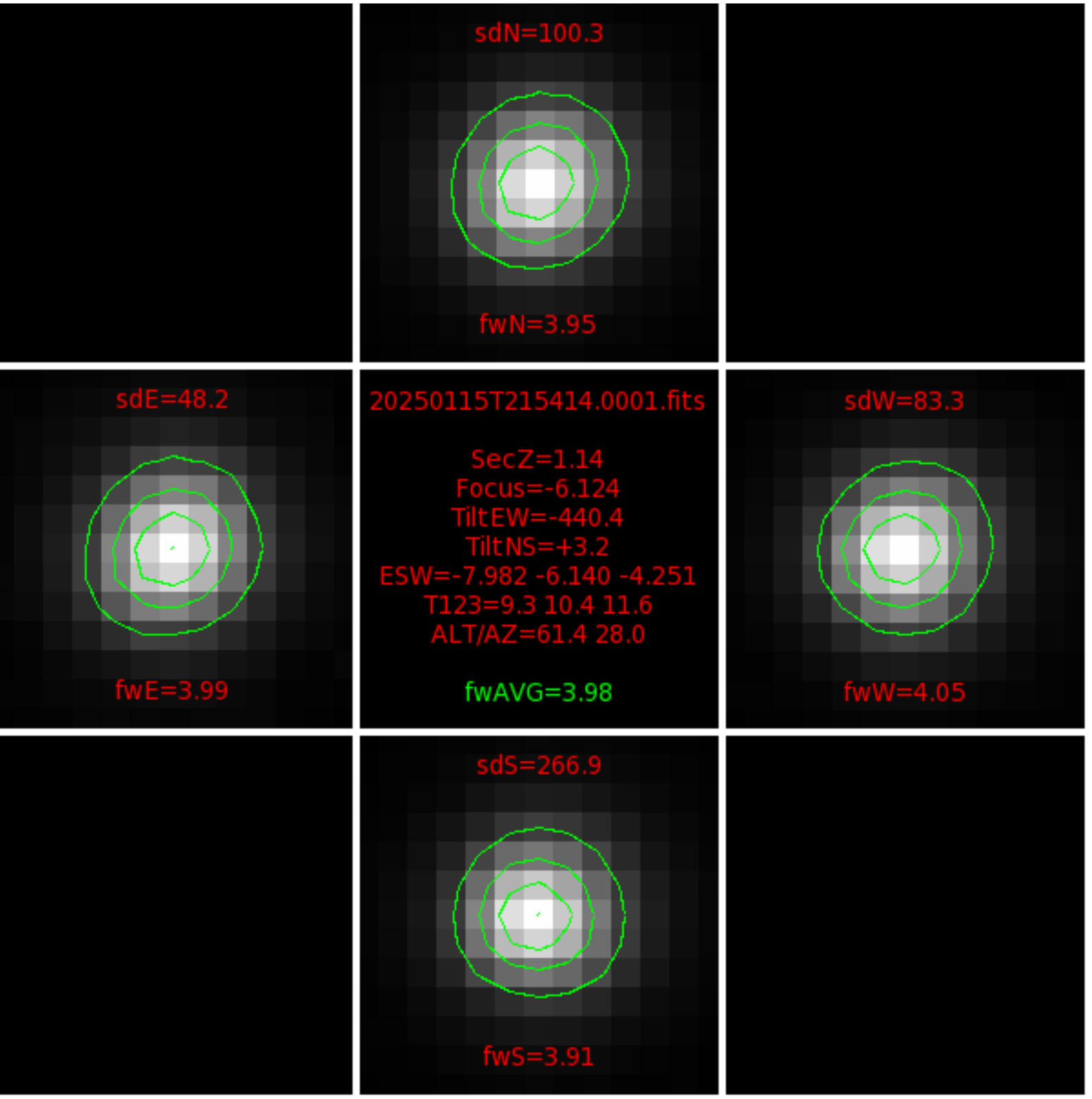
sdN=100.3
fwN=3.95
sdE=48.2
fwE=3.99
20250115T215414.0001.fits
SecZ=1.14
Focus=-6.124
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.982 -6.140 -4.251
T123=9.3 10.4 11.6
ALT/AZ=61.4 28.0
fwAVG=3.98
sdW=83.3
fwW=4.05
sdS=266.9
fwS=3.91
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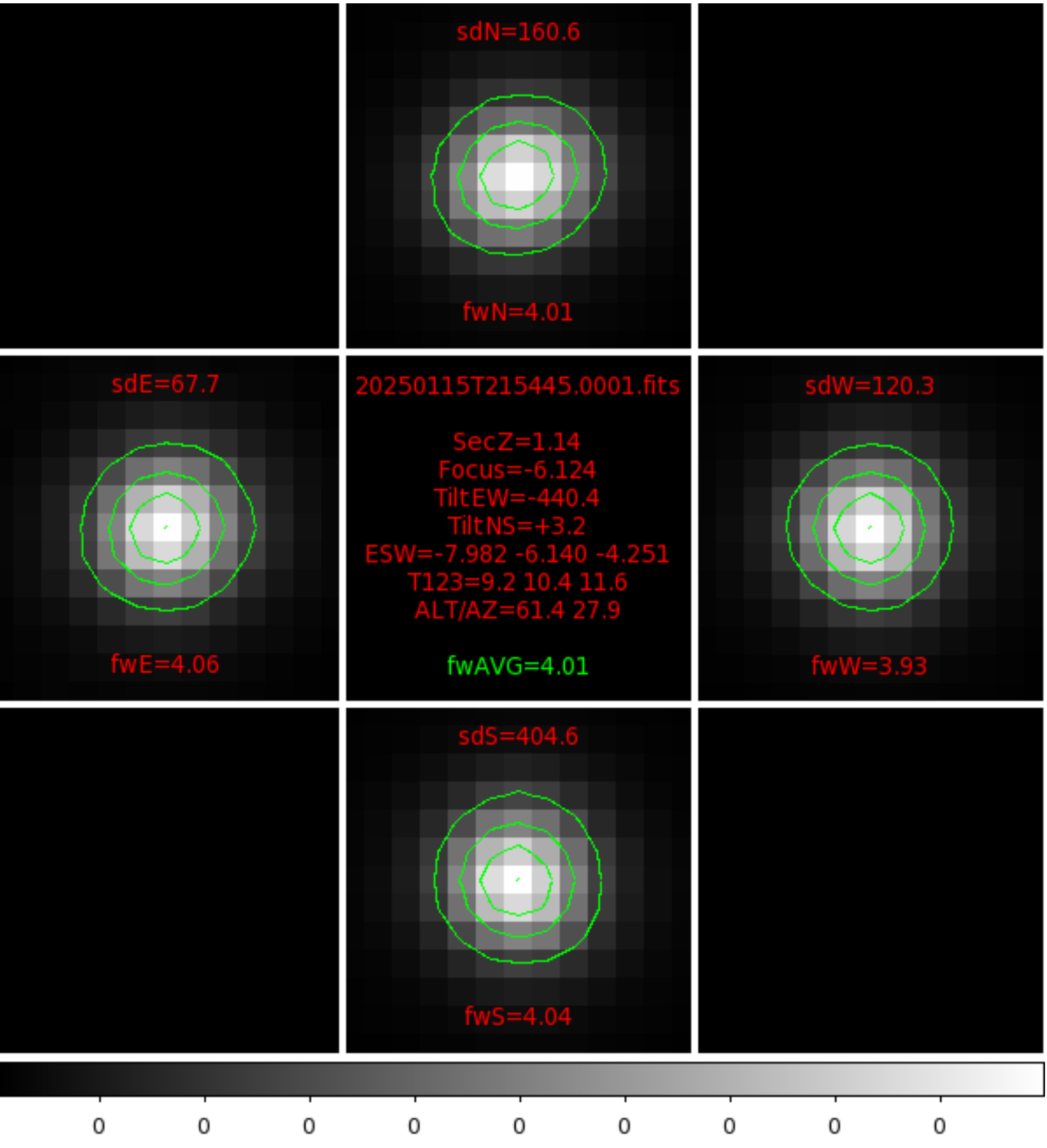
sdN=160.6
fwN=4.01
sdE=67.7
fwE=4.06
20250115T215445.0001.fits
SecZ=1.14
Focus=-6.124
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.982 -6.140 -4.251
T123=9.2 10.4 11.6
ALT/AZ=61.4 27.9
fwAVG=4.01
sdW=120.3
fwW=3.93
sdS=404.6
fwS=4.04
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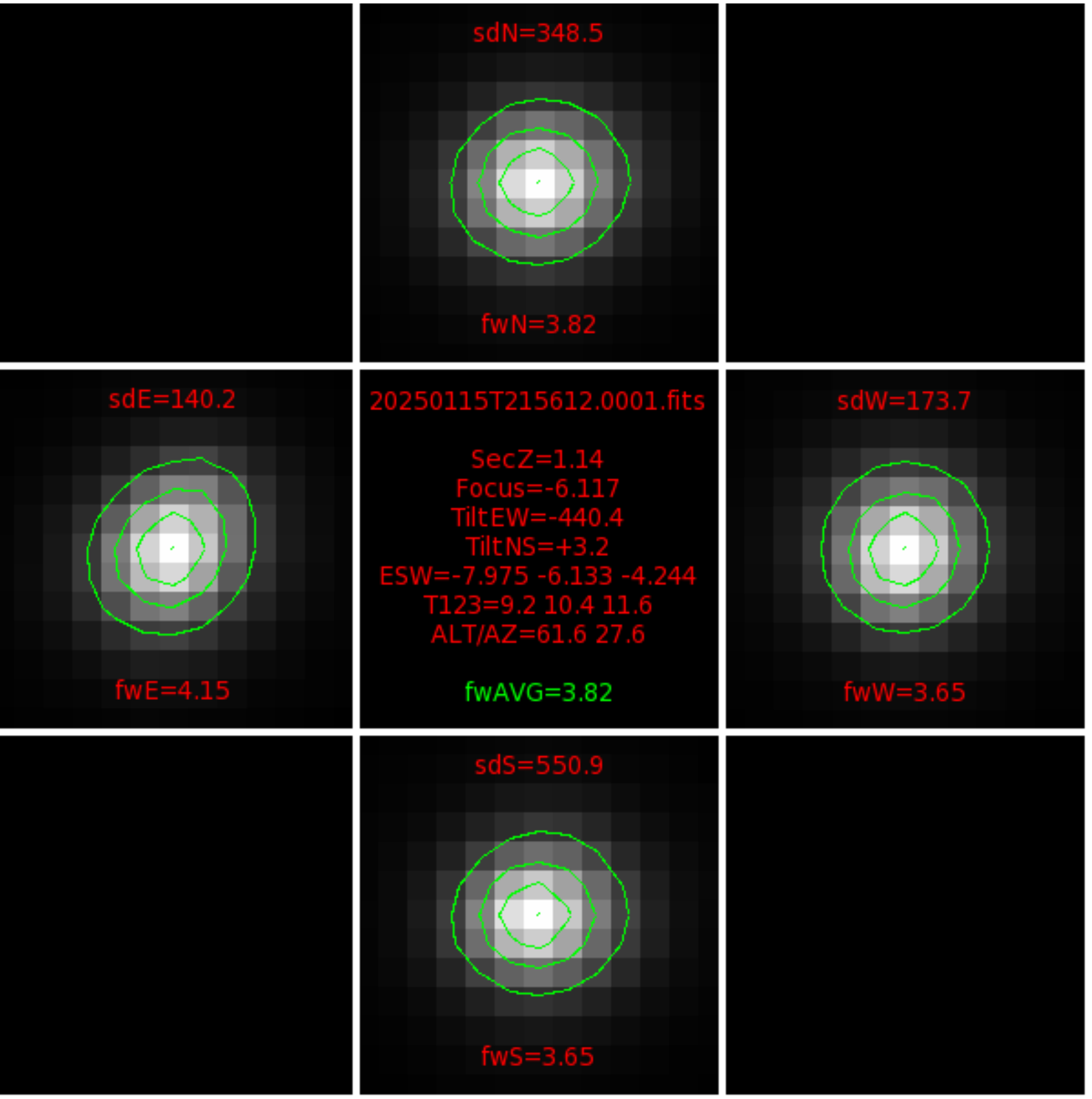
sdN=348.5
fwN=3.82
sdE=140.2
fwE=4.15
20250115T215612.0001.fits
SecZ=1.14
Focus=-6.117
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.975 -6.133 -4.244
T123=9.2 10.4 11.6
ALT/AZ=61.6 27.6
fwAVG=3.82
sdW=173.7
fwW=3.65
sdS=550.9
fwS=3.65
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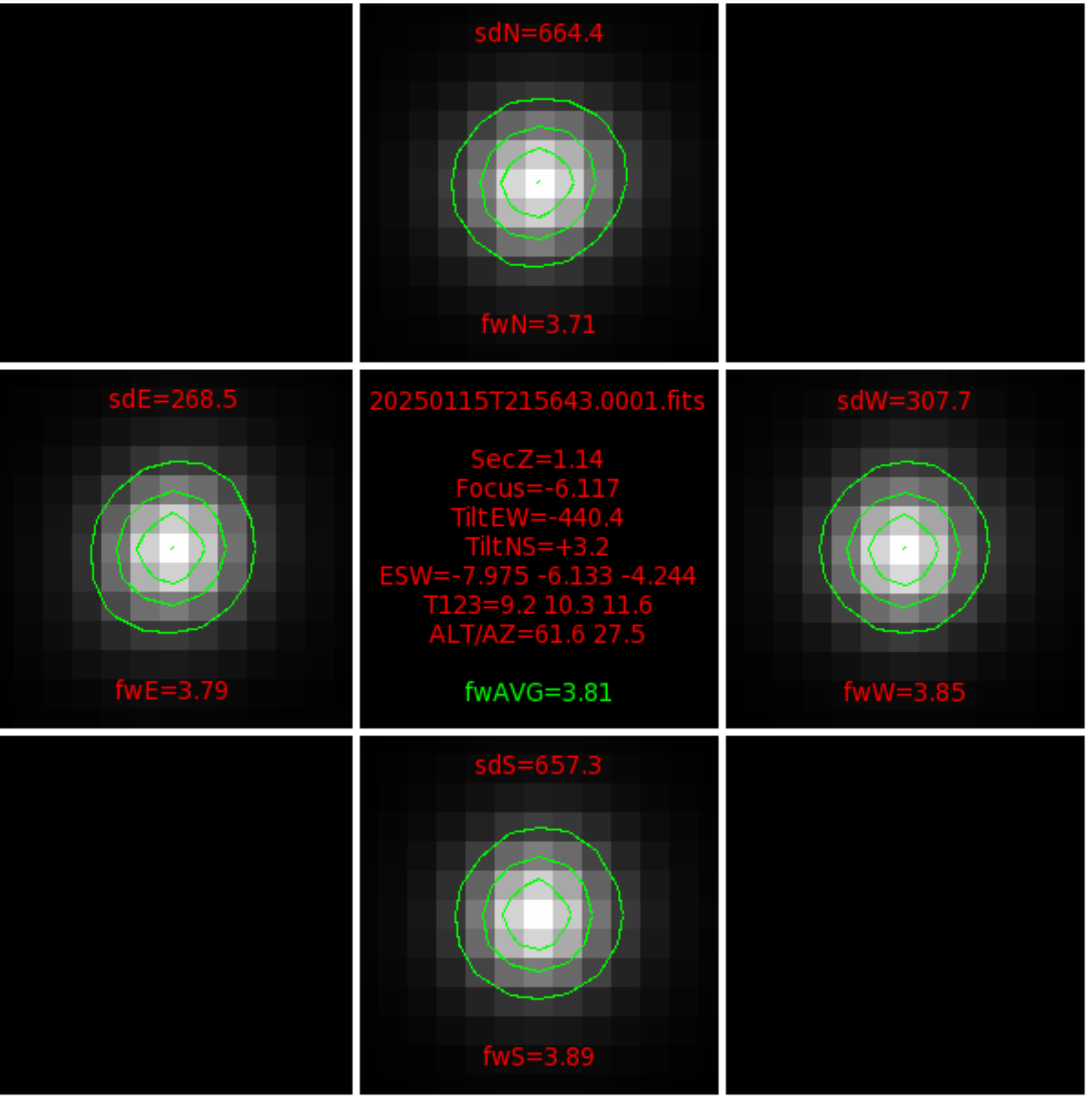
sdN=664.4
fwN=3.71
sdE=268.5
fwE=3.79
20250115T215643.0001.fits
SecZ=1.14
Focus=-6.117
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.975 -6.133 -4.244
T123=9.2 10.3 11.6
ALT/AZ=61.6 27.5
fwAVG=3.81
sdW=307.7
fwW=3.85
sdS=657.3
fwS=3.89
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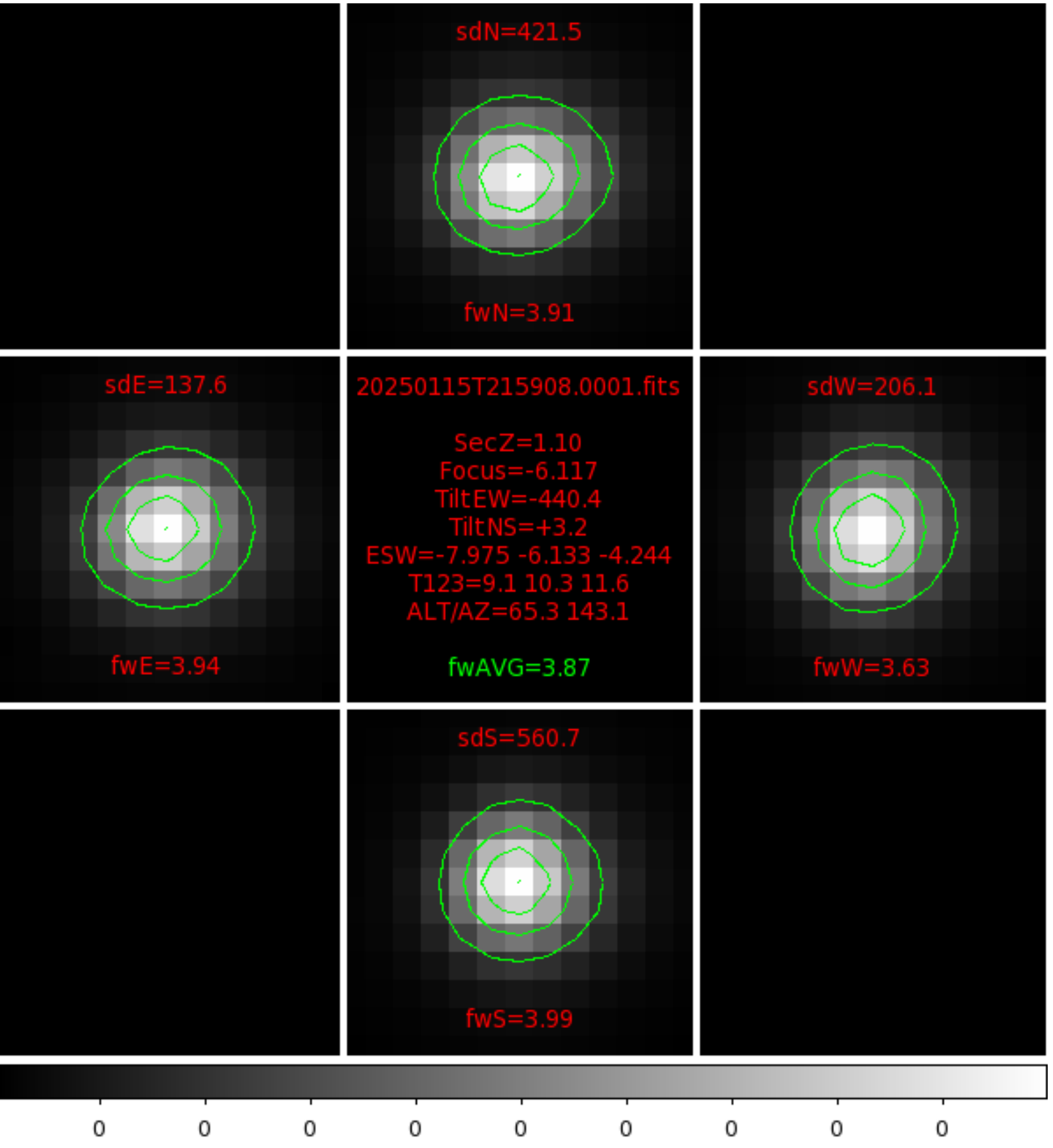
sdN=421.5
fwN=3.91
sdE=137.6
fwE=3.94
20250115T215908.0001.fits
SecZ=1.10
Focus=-6.117
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.975 -6.133 -4.244
T123=9.1 10.3 11.6
ALT/AZ=65.3 143.1
fwAVG=3.87
sdW=206.1
fwW=3.63
sdS=560.7
fwS=3.99
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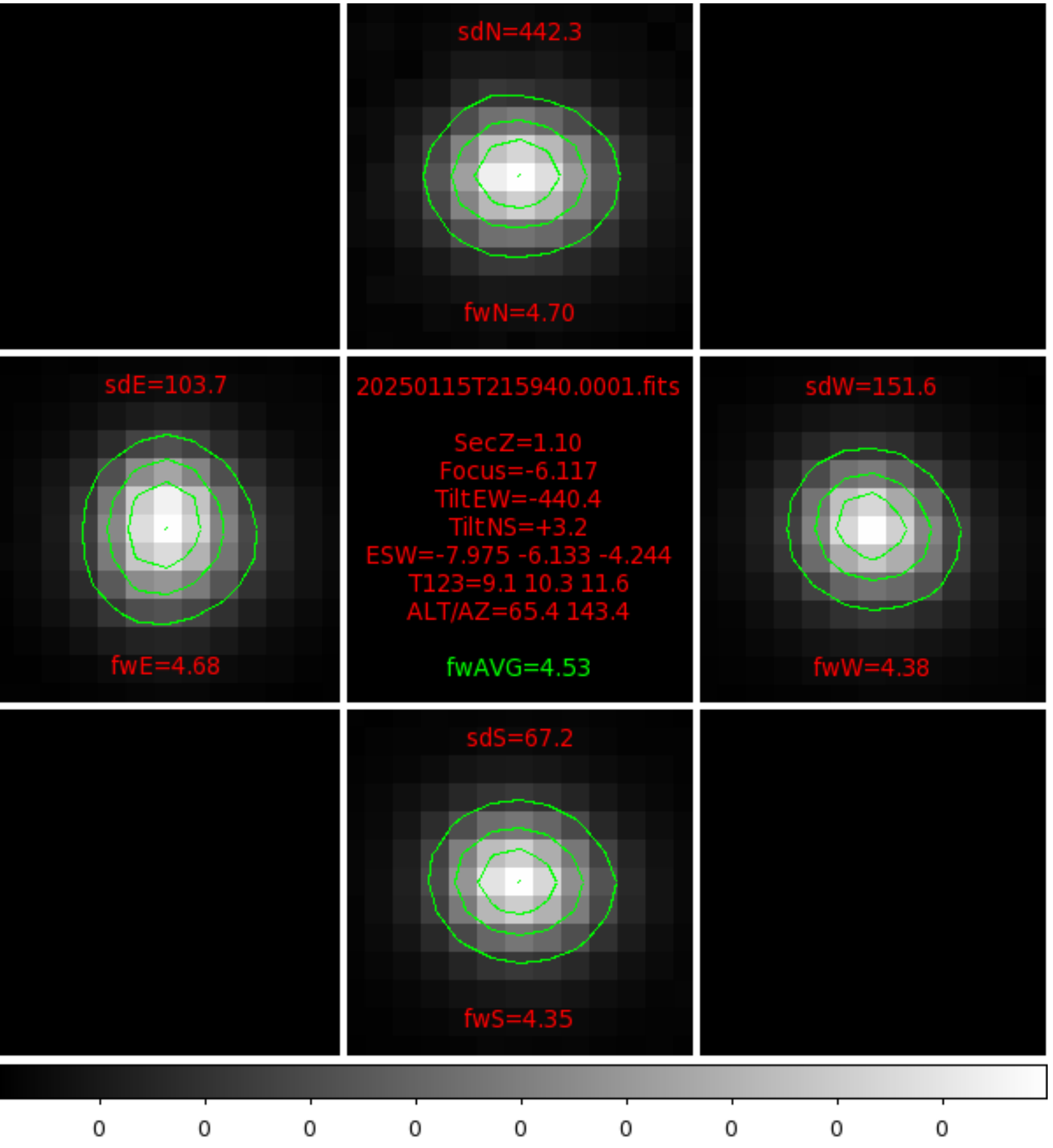
sdN=442.3
fwN=4.70
sdE=103.7
fwE=4.68
20250115T215940.0001.fits
SecZ=1.10
Focus=-6.117
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.975 -6.133 -4.244
T123=9.1 10.3 11.6
ALT/AZ=65.4 143.4
fwAVG=4.53
sdW=151.6
fwW=4.38
sdS=67.2
fwS=4.35
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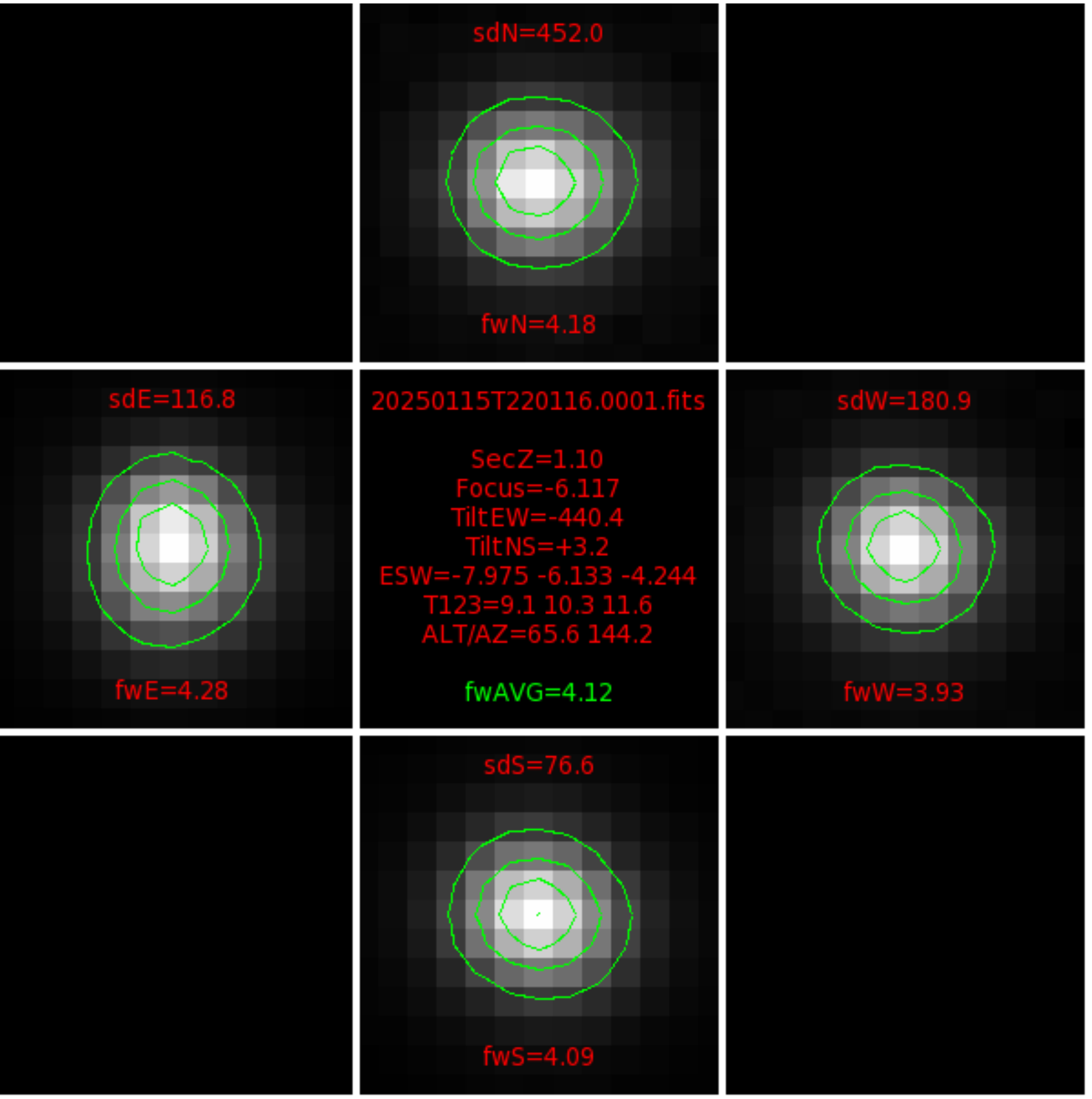
sdN=452.0
fwN=4.18
sdE=116.8
fwE=4.28
20250115T220116.0001.fits
SecZ=1.10
Focus=-6.117
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.975 -6.133 -4.244
T123=9.1 10.3 11.6
ALT/AZ=65.6 144.2
fwAVG=4.12
sdW=180.9
fwW=3.93
sdS=76.6
fwS=4.09
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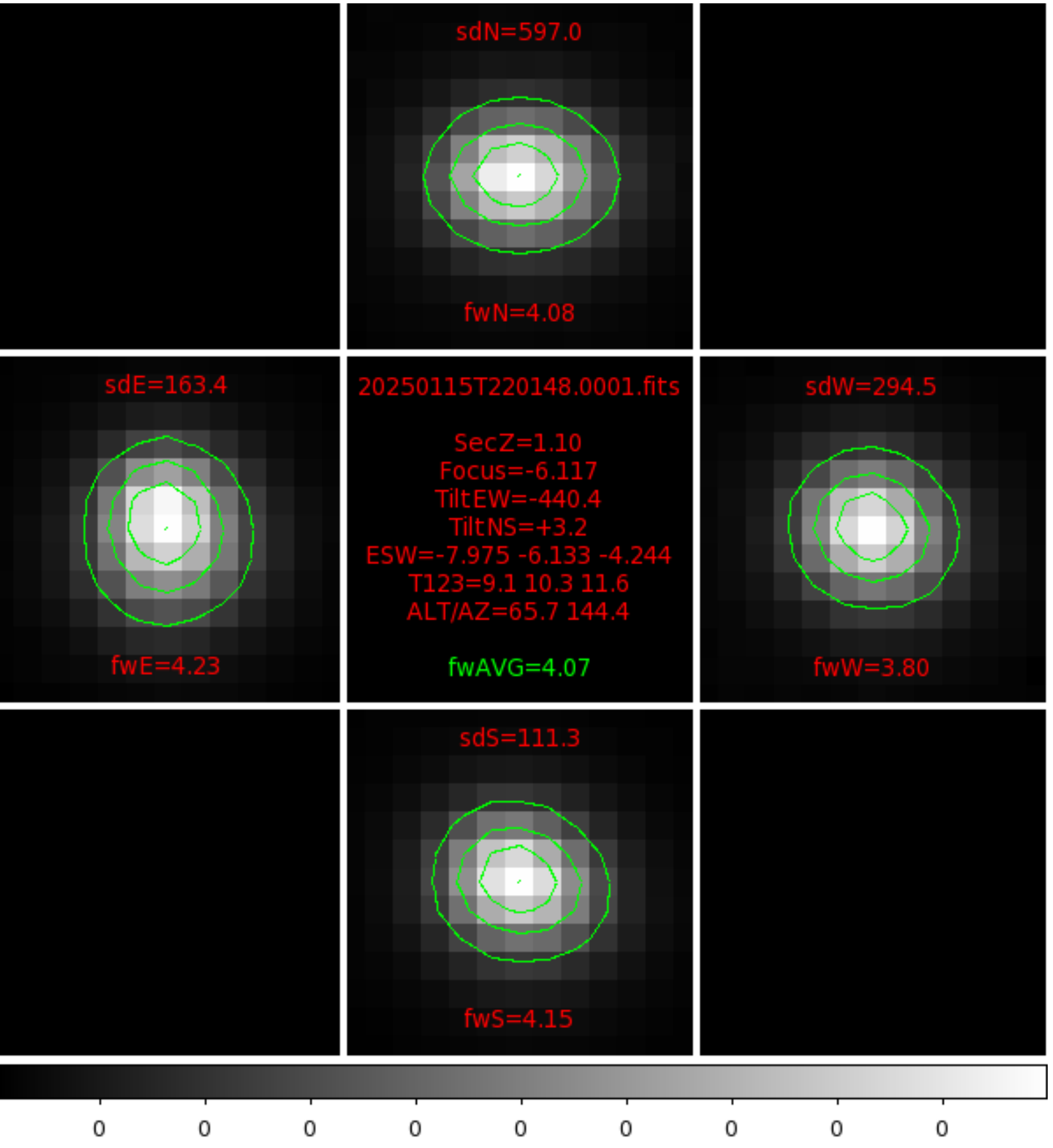
sdN=597.0
fwN=4.08
sdE=163.4
fwE=4.23
20250115T220148.0001.fits
SecZ=1.10
Focus=-6.117
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.975 -6.133 -4.244
T123=9.1 10.3 11.6
ALT/AZ=65.7 144.4
fwAVG=4.07
sdW=294.5
fwW=3.80
sdS=111.3
fwS=4.15
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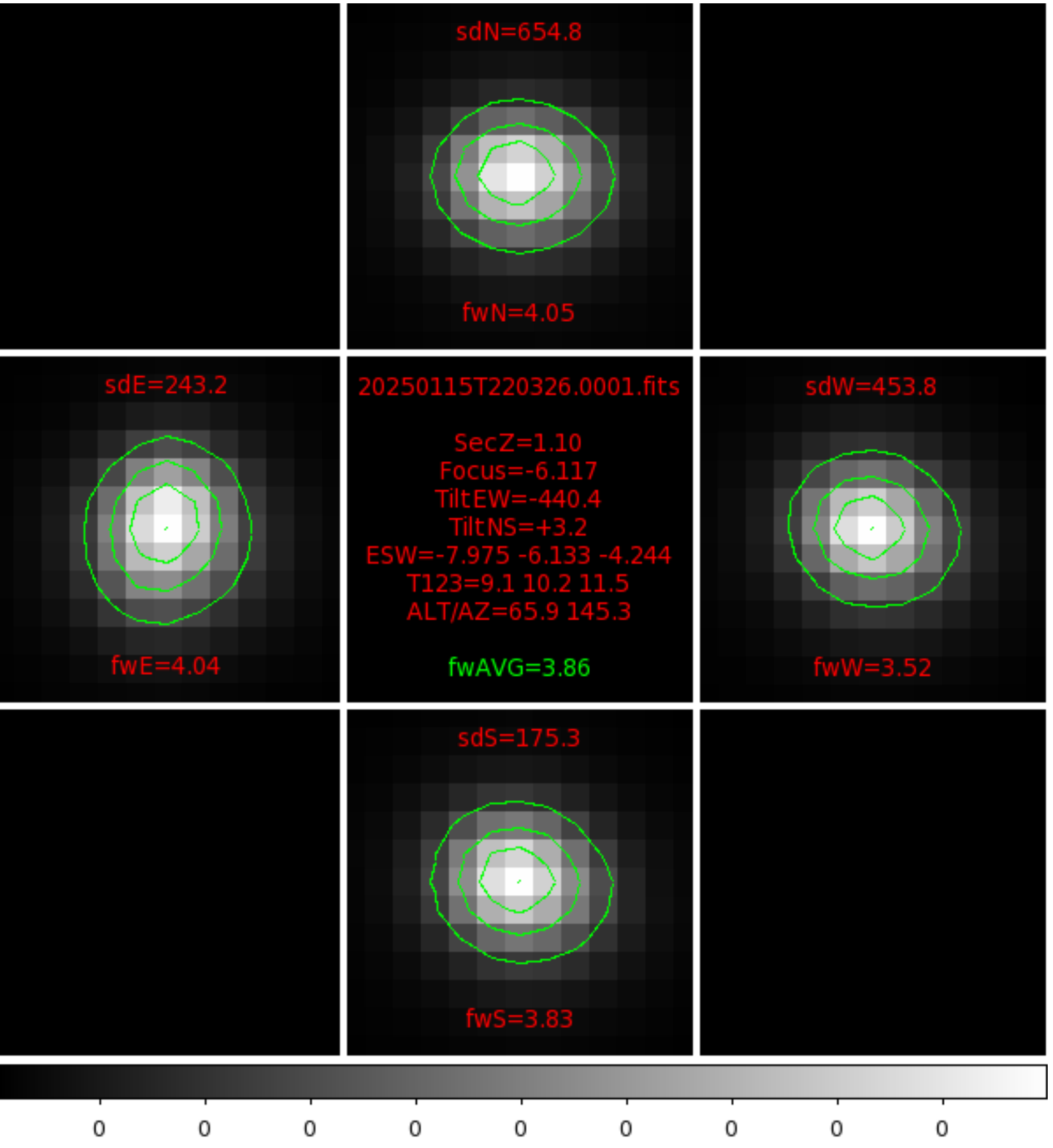
sdN=654.8
fwN=4.05
sdE=243.2
fwE=4.04
20250115T220326.0001.fits
SecZ=1.10
Focus=-6.117
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.975 -6.133 -4.244
T123=9.1 10.2 11.5
ALT/AZ=65.9 145.3
fwAVG=3.86
sdW=453.8
fwW=3.52
sdS=175.3
fwS=3.83
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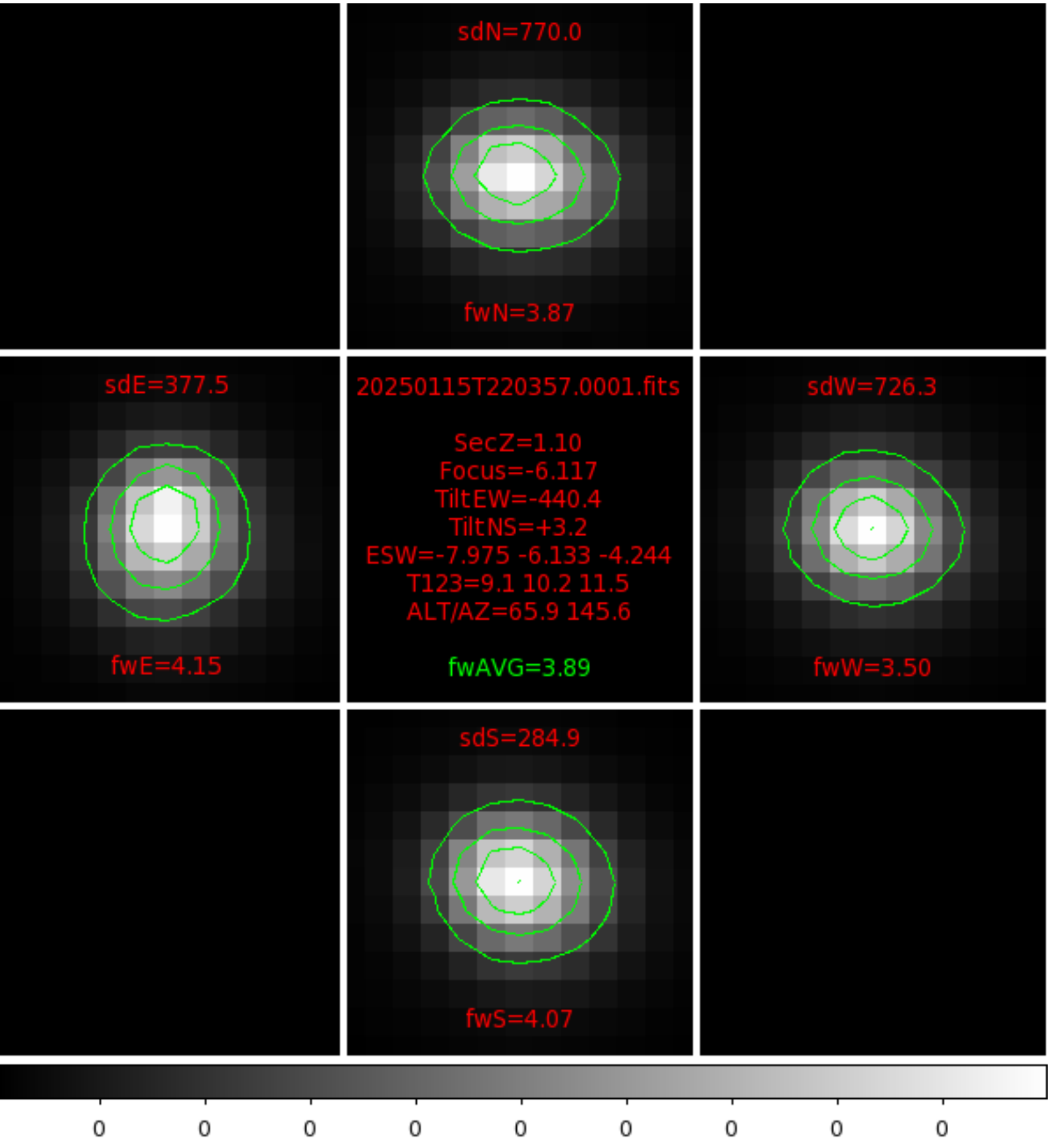
sdN=770.0
fwN=3.87
sdE=377.5
fwE=4.15
20250115T220357.0001.fits
SecZ=1.10
Focus=-6.117
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.975 -6.133 -4.244
T123=9.1 10.2 11.5
ALT/AZ=65.9 145.6
fwAVG=3.89
sdW=726.3
fwW=3.50
sdS=284.9
fwS=4.07
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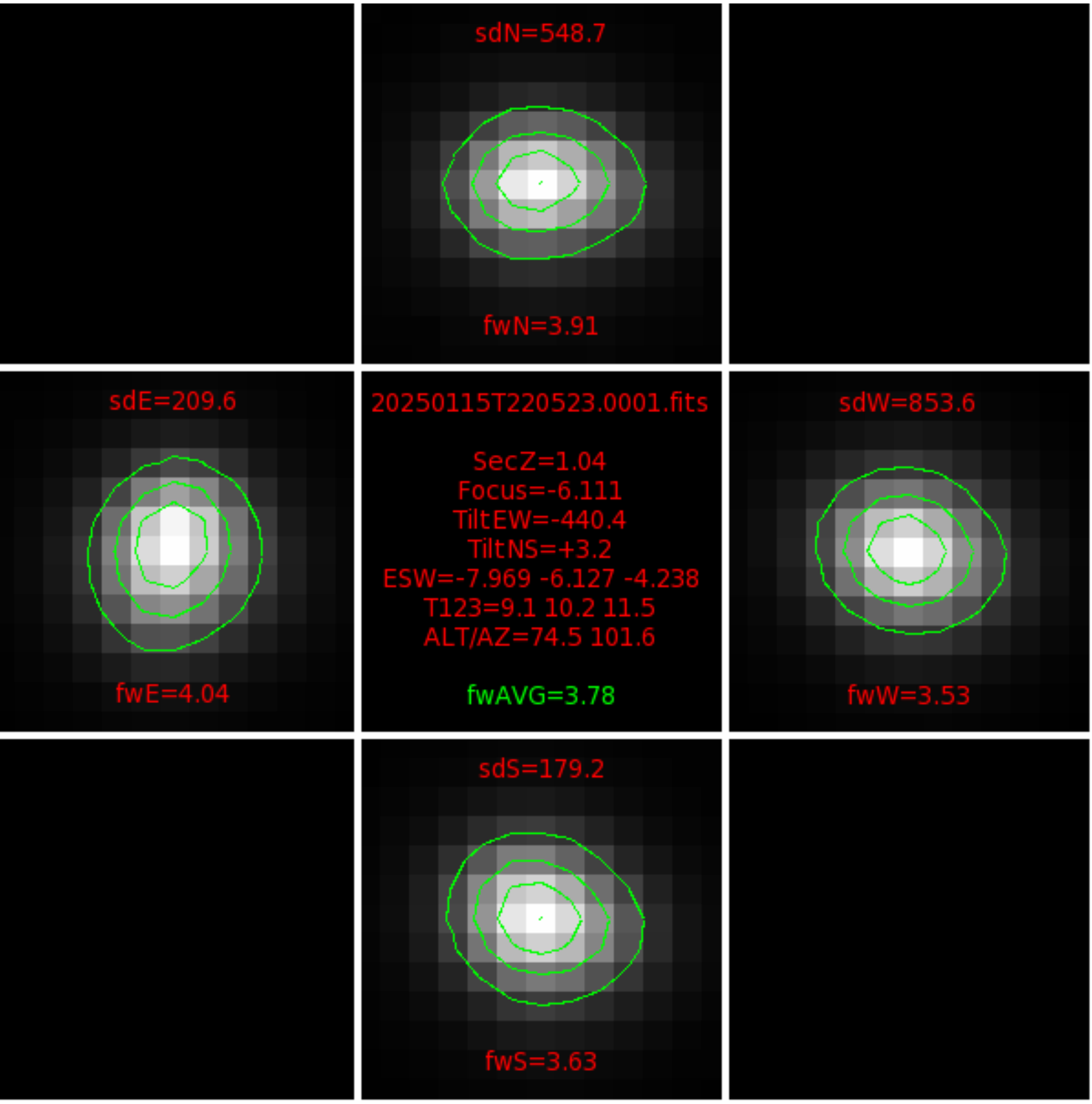
sdN=548.7
fwN=3.91
sdE=209.6
fwE=4.04
20250115T220523.0001.fits
SecZ=1.04
Focus=-6.111
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.969 -6.127 -4.238
T123=9.1 10.2 11.5
ALT/AZ=74.5 101.6
fwAVG=3.78
sdW=853.6
fwW=3.53
sdS=179.2
fwS=3.63
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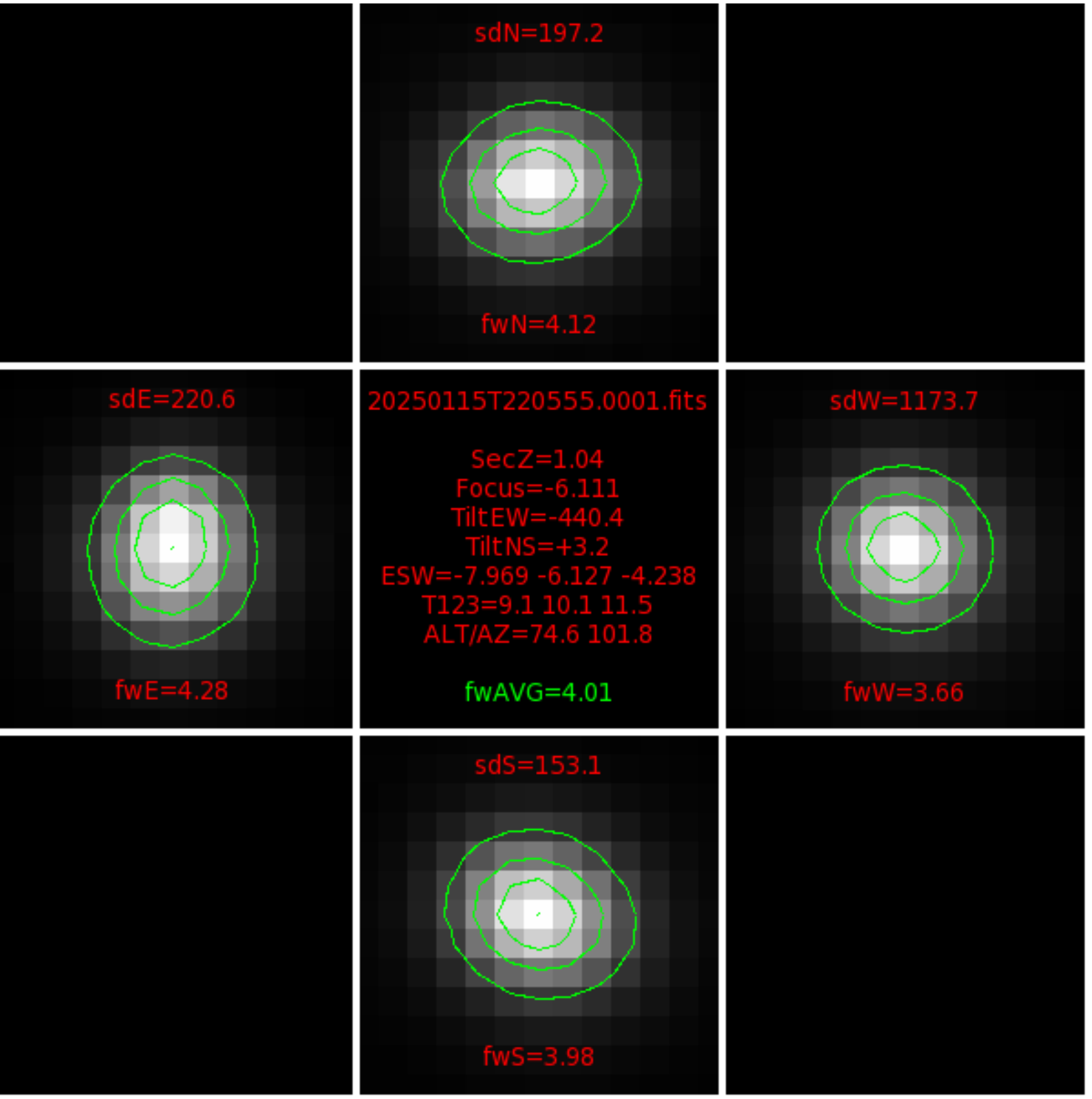
sdN=197.2
fwN=4.12
sdE=220.6
fwE=4.28
20250115T220555.0001.fits
SecZ=1.04
Focus=-6.111
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.969 -6.127 -4.238
T123=9.1 10.1 11.5
ALT/AZ=74.6 101.8
fwAVG=4.01
sdW=1173.7
fwW=3.66
sdS=153.1
fwS=3.98
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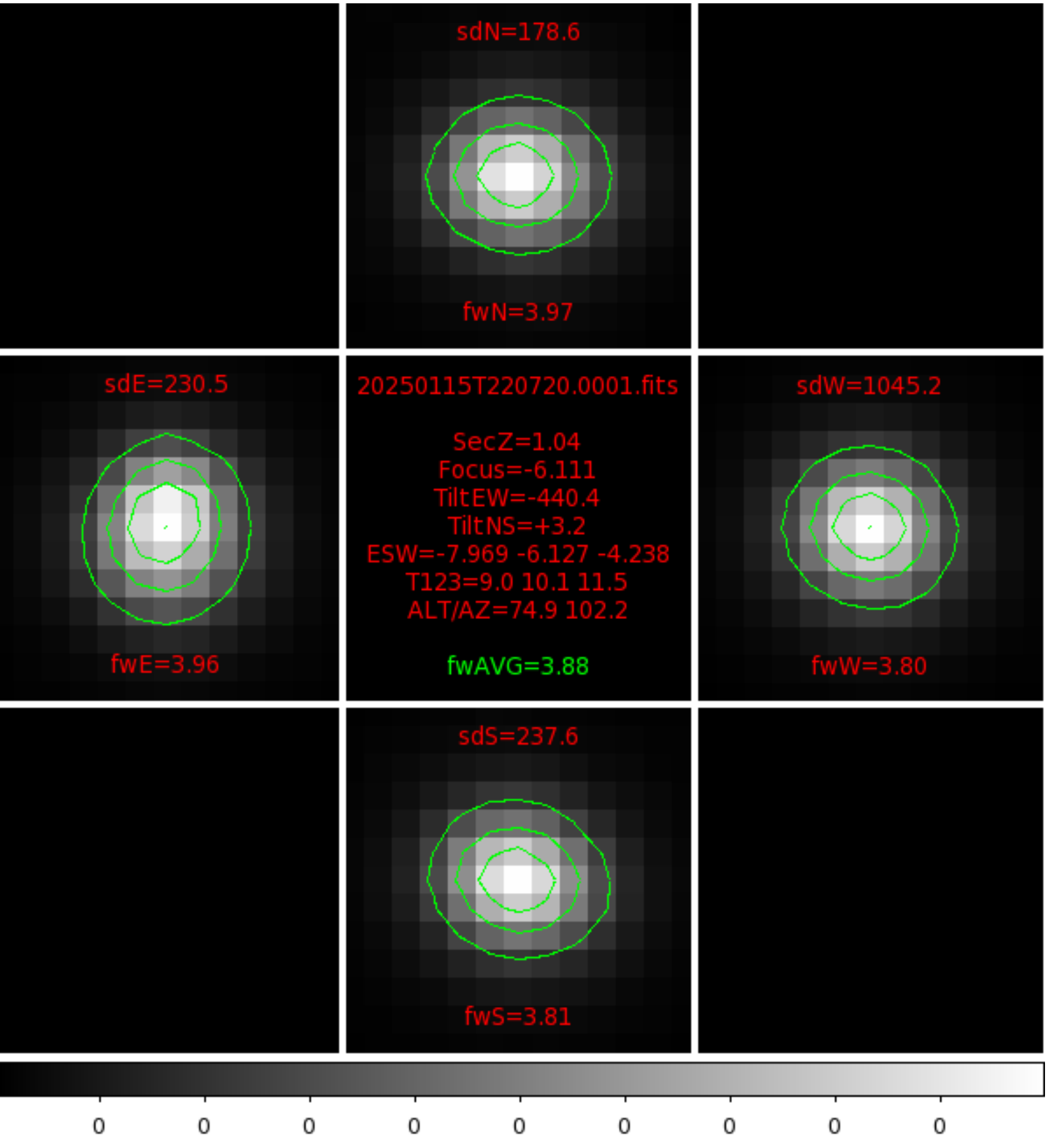
sdN=178.6
fwN=3.97
sdE=230.5
fwE=3.96
20250115T220720.0001.fits
SecZ=1.04
Focus=-6.111
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.969 -6.127 -4.238
T123=9.0 10.1 11.5
ALT/AZ=74.9 102.2
fwAVG=3.88
sdW=1045.2
fwW=3.80
sdS=237.6
fwS=3.81
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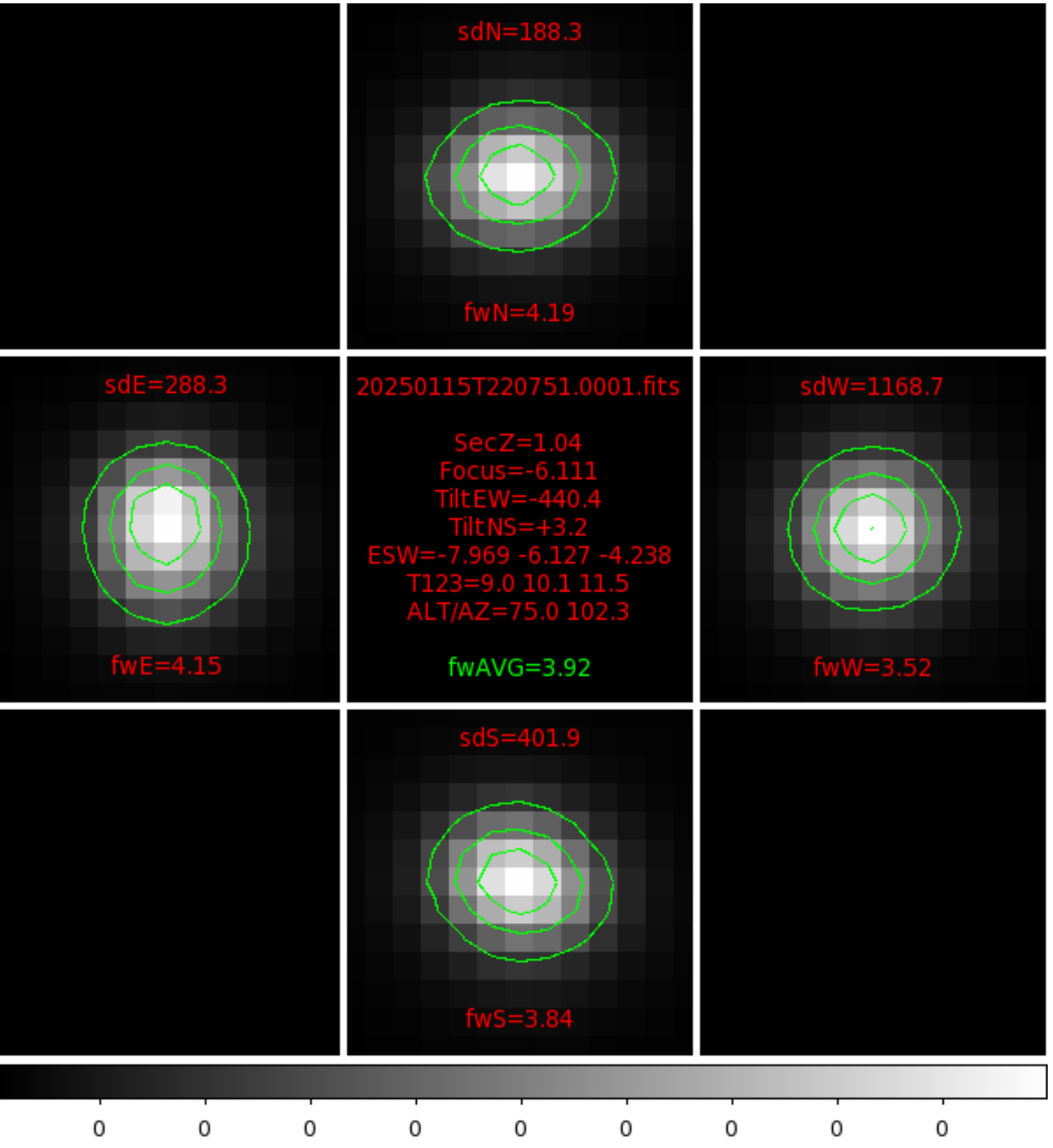
sdN=188.3
fwN=4.19
sdE=288.3
fwE=4.15
20250115T220751.0001.fits
SecZ=1.04
Focus=-6.111
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.969 -6.127 -4.238
T123=9.0 10.1 11.5
ALT/AZ=75.0 102.3
fwAVG=3.92
sdW=1168.7
fwW=3.52
sdS=401.9
fwS=3.84
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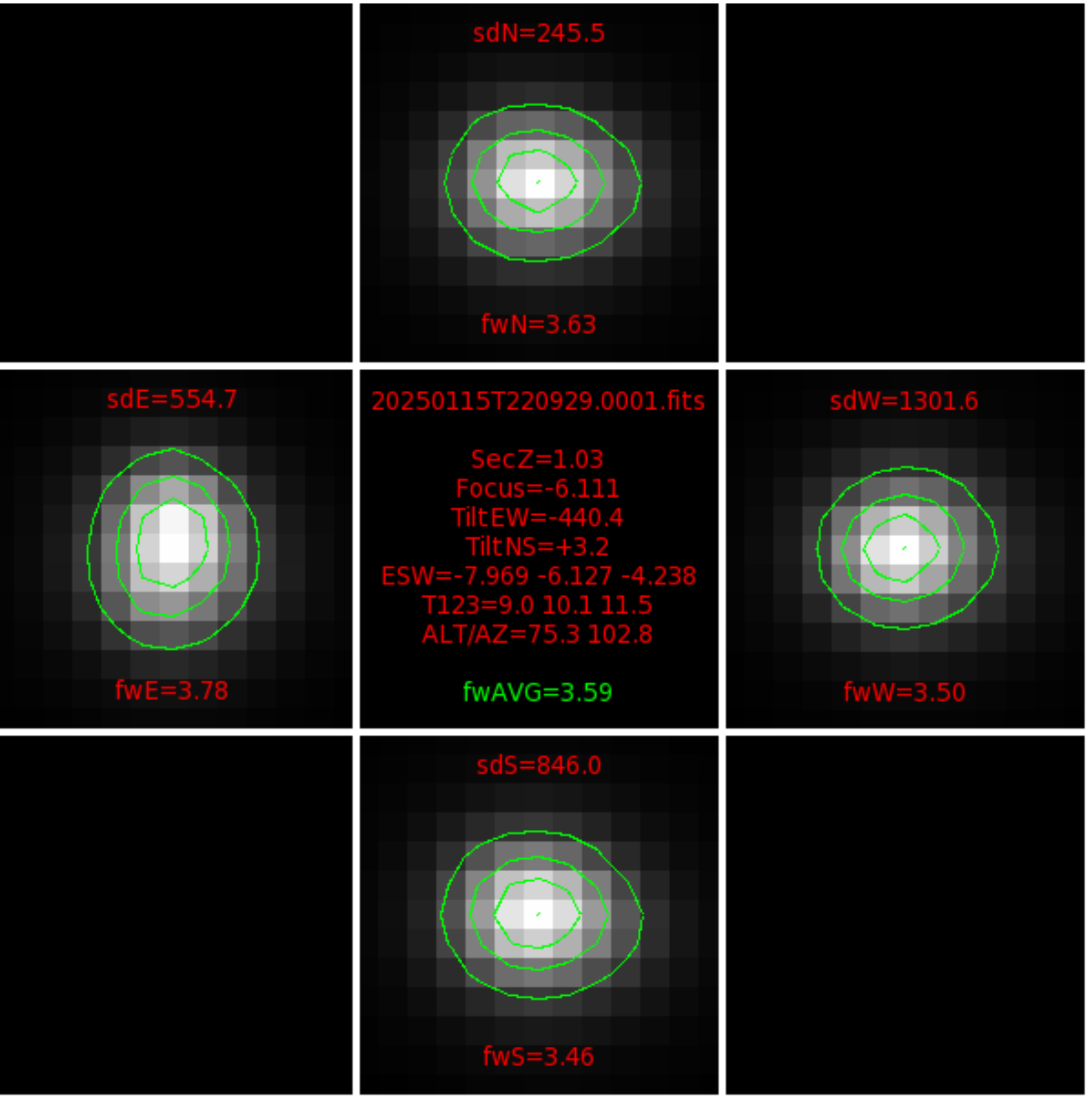
sdN=245.5
fwN=3.63
sdE=554.7
fwE=3.78
20250115T220929.0001.fits
SecZ=1.03
Focus=-6.111
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.969 -6.127 -4.238
T123=9.0 10.1 11.5
ALT/AZ=75.3 102.8
fwAVG=3.59
sdW=1301.6
fwW=3.50
sdS=846.0
fwS=3.46
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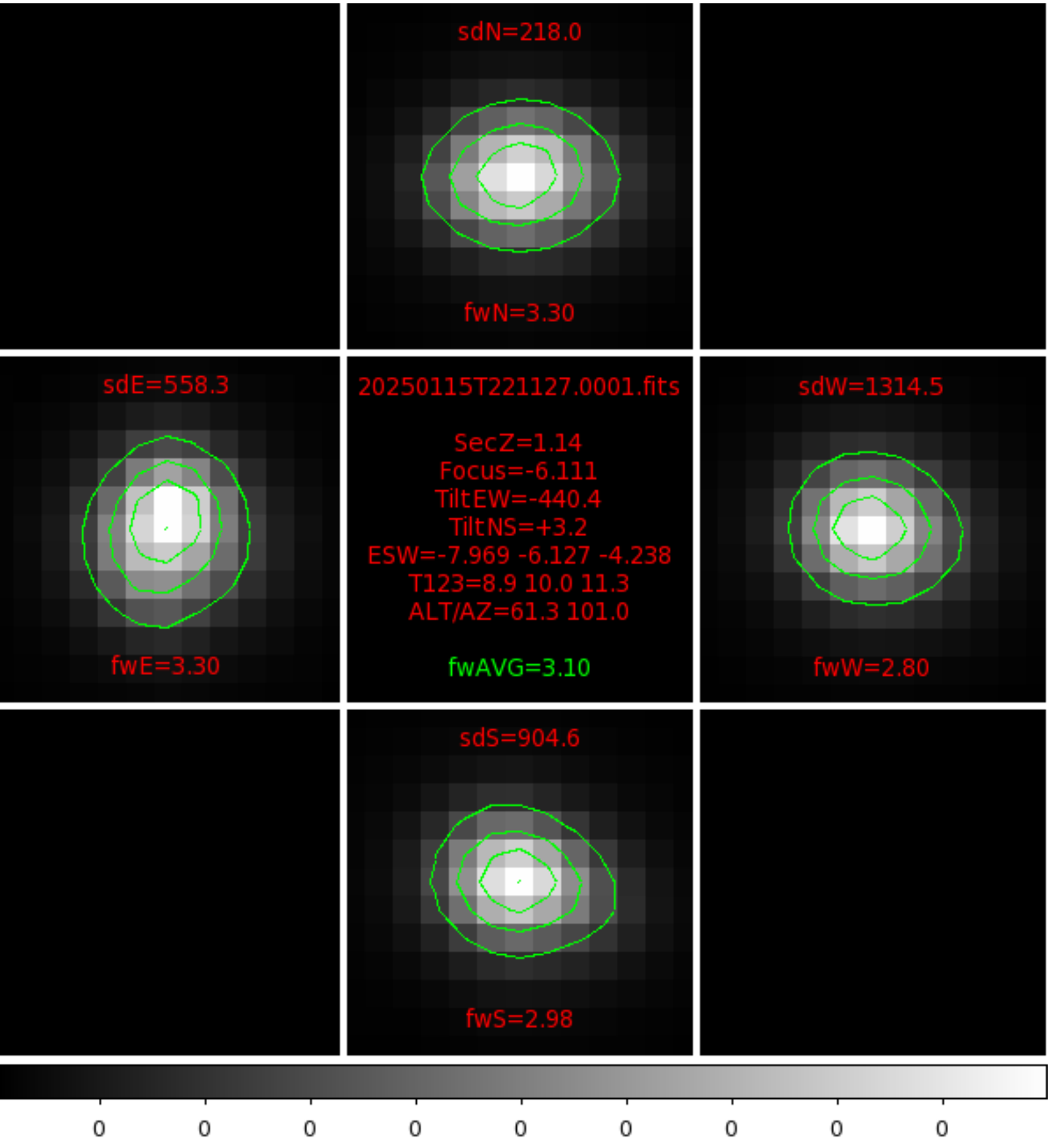
sdN=218.0
fwN=3.30
sdE=558.3
fwE=3.30
20250115T221127.0001.fits
SecZ=1.14
Focus=-6.111
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.969 -6.127 -4.238
T123=8.9 10.0 11.3
ALT/AZ=61.3 101.0
fwAVG=3.10
sdW=1314.5
fwW=2.80
sdS=904.6
fwS=2.98
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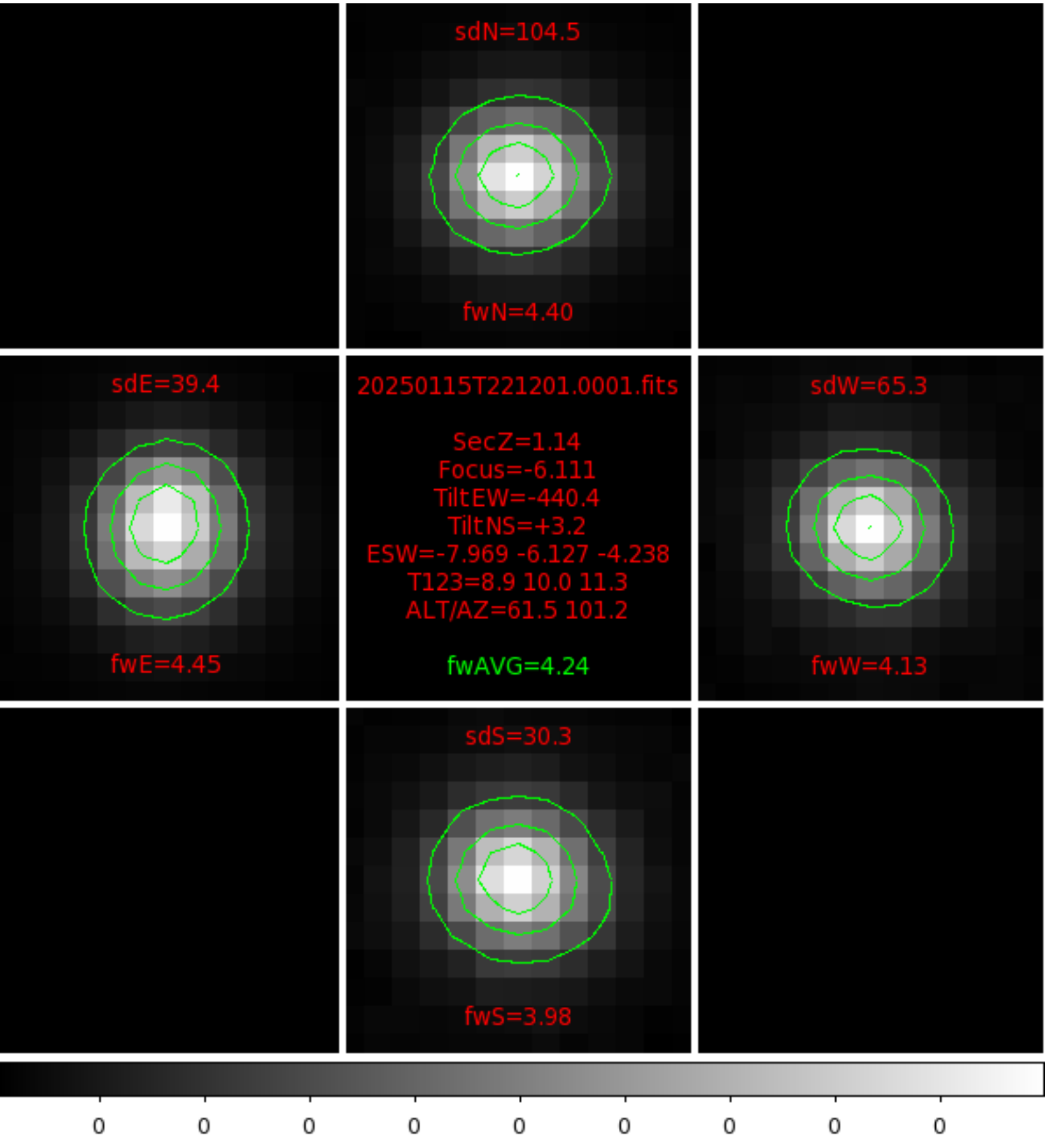
sdN=104.5
fwN=4.40
sdE=39.4
fwE=4.45
20250115T221201.0001.fits
SecZ=1.14
Focus=-6.111
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.969 -6.127 -4.238
T123=8.9 10.0 11.3
ALT/AZ=61.5 101.2
fwAVG=4.24
sdW=65.3
fwW=4.13
sdS=30.3
fwS=3.98
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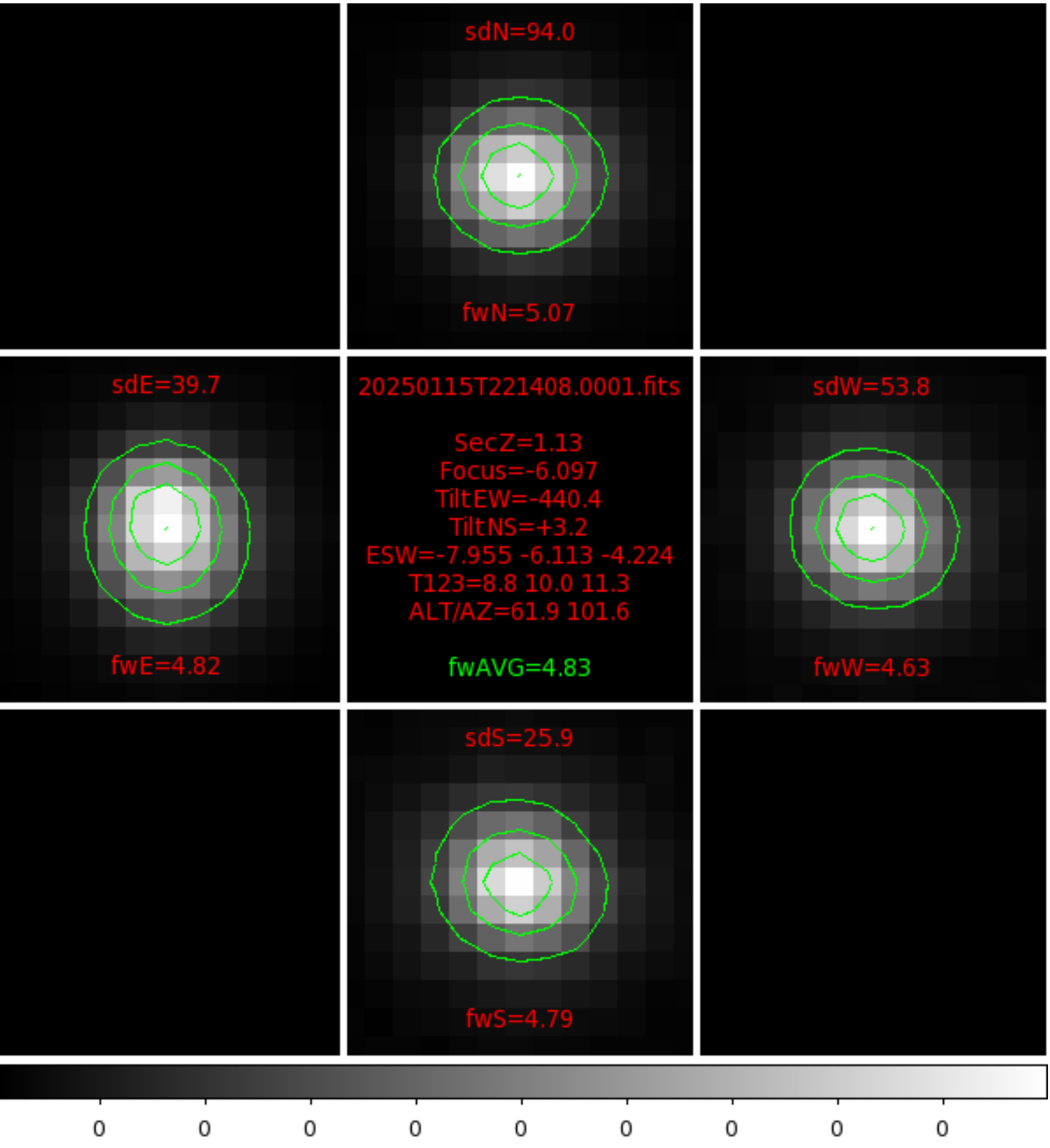
sdN=94.0
fwN=5.07
sdE=39.7
fwE=4.82
20250115T221408.0001.fits
SecZ=1.13
Focus=-6.097
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.955 -6.113 -4.224
T123=8.8 10.0 11.3
ALT/AZ=61.9 101.6
fwAVG=4.83
sdW=53.8
fwW=4.63
sdS=25.9
fwS=4.79
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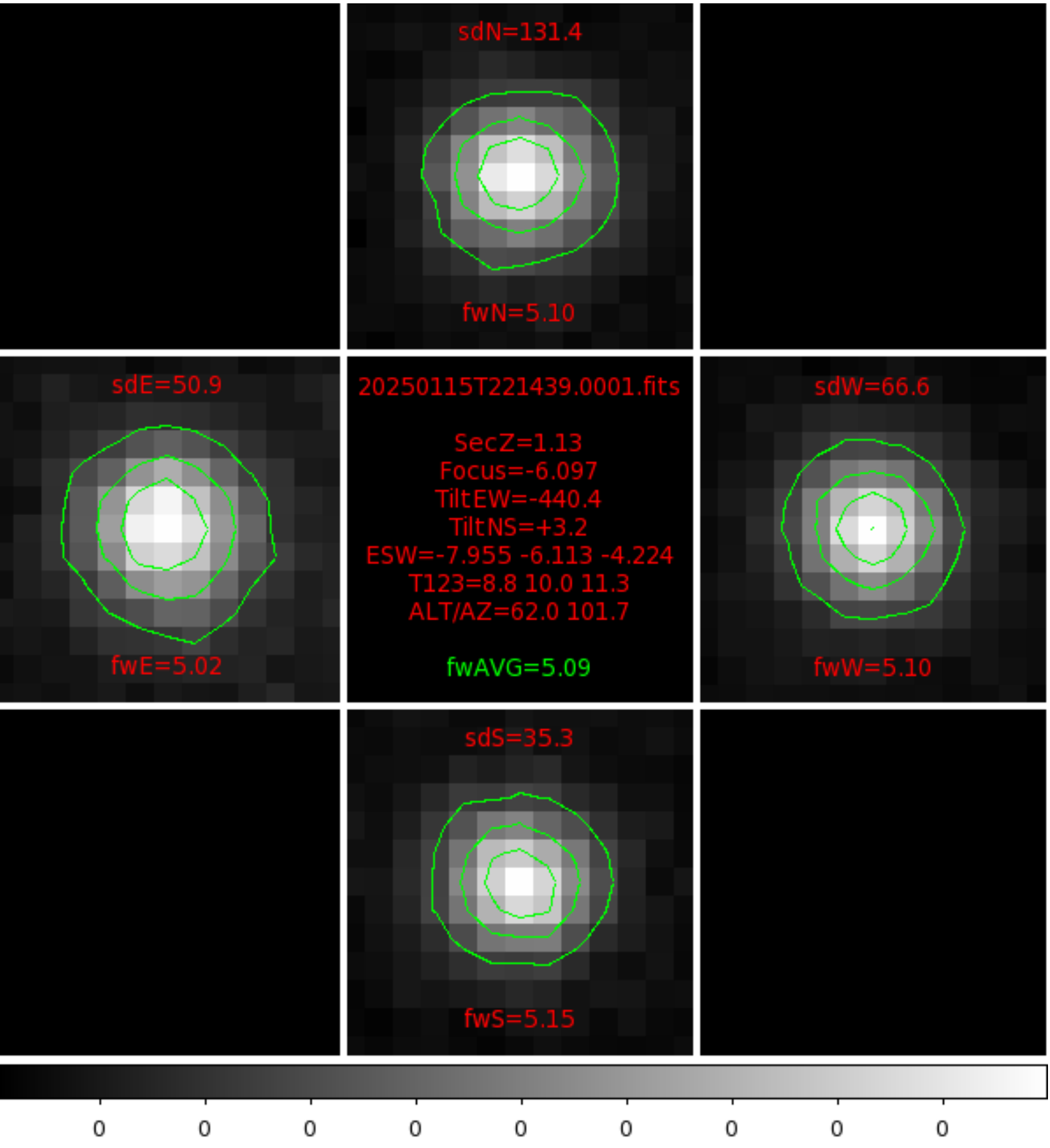
sdN=131.4
fwN=5.10
sdE=50.9
fwE=5.02
20250115T221439.0001.fits
SecZ=1.13
Focus=-6.097
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.955 -6.113 -4.224
T123=8.8 10.0 11.3
ALT/AZ=62.0 101.7
fwAVG=5.09
sdW=66.6
fwW=5.10
sdS=35.3
fwS=5.15
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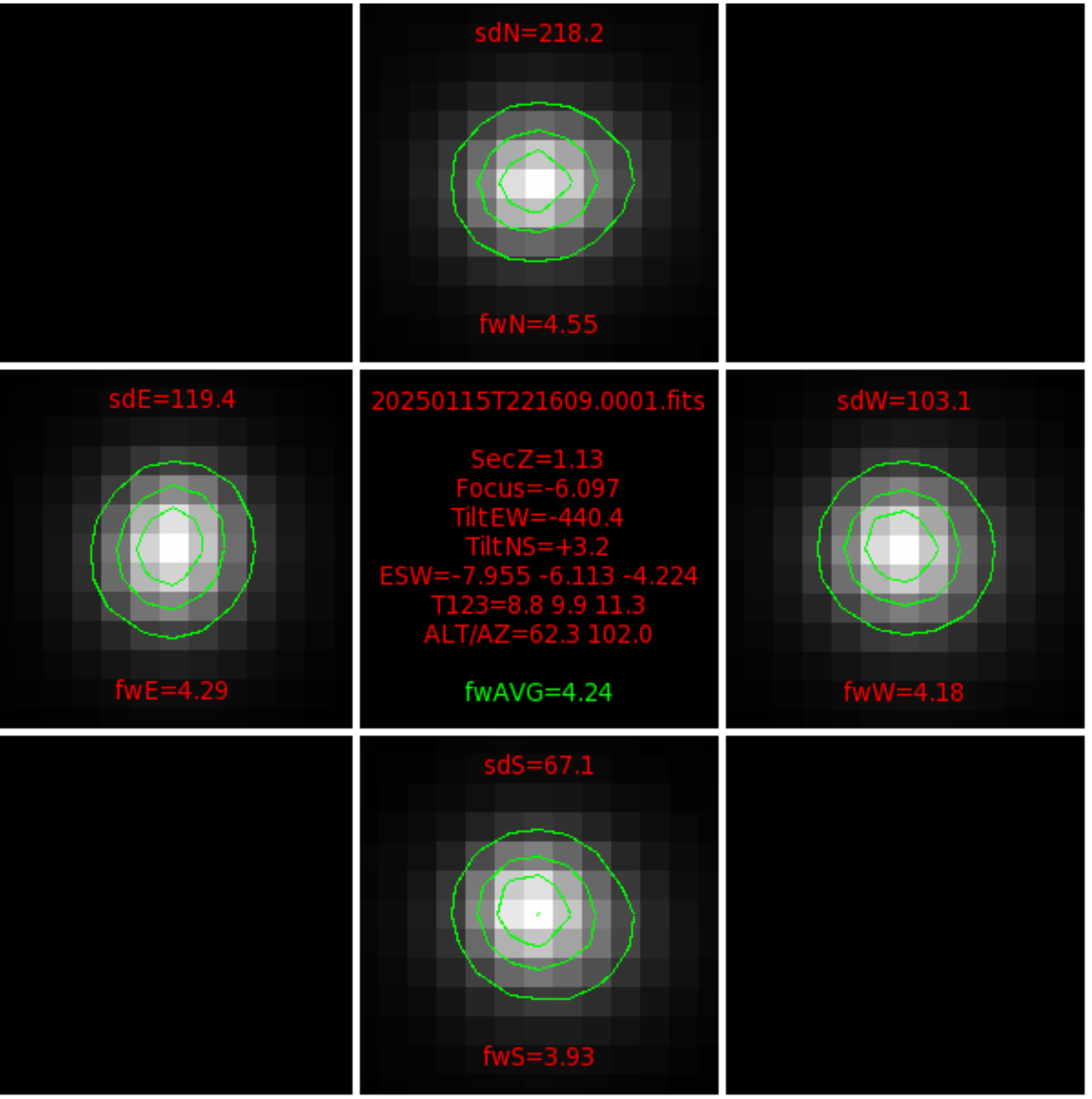
sdN=218.2
fwN=4.55
sdE=119.4
fwE=4.29
20250115T221609.0001.fits
SecZ=1.13
Focus=-6.097
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.955 -6.113 -4.224
T123=8.8 9.9 11.3
ALT/AZ=62.3 102.0
fwAVG=4.24
sdW=103.1
fwW=4.18
sdS=67.1
fwS=3.93
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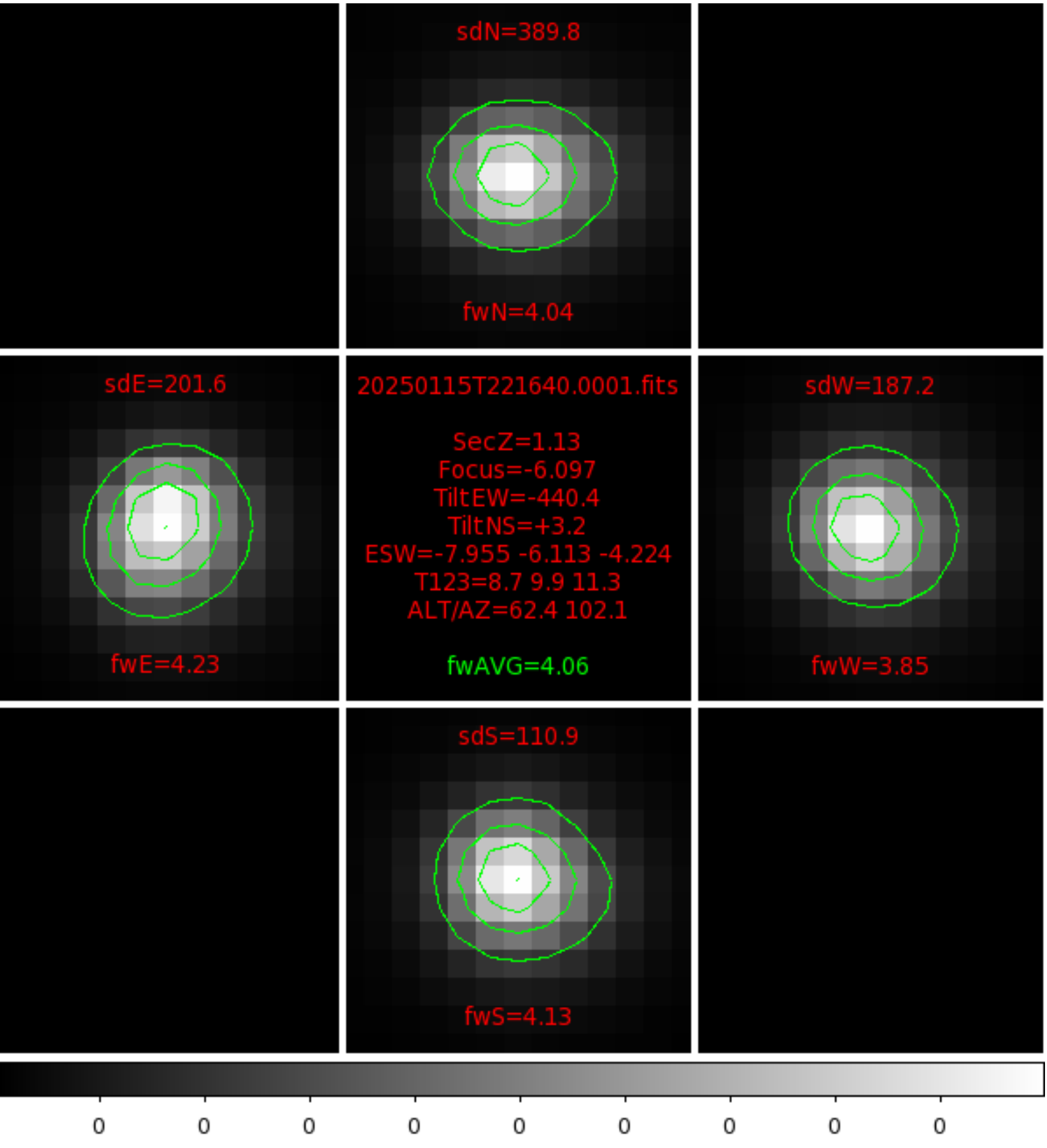
sdN=389.8
fwN=4.04
sdE=201.6
fwE=4.23
20250115T221640.0001.fits
SecZ=1.13
Focus=-6.097
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.955 -6.113 -4.224
T123=8.7 9.9 11.3
ALT/AZ=62.4 102.1
fwAVG=4.06
sdW=187.2
fwW=3.85
sdS=110.9
fwS=4.13
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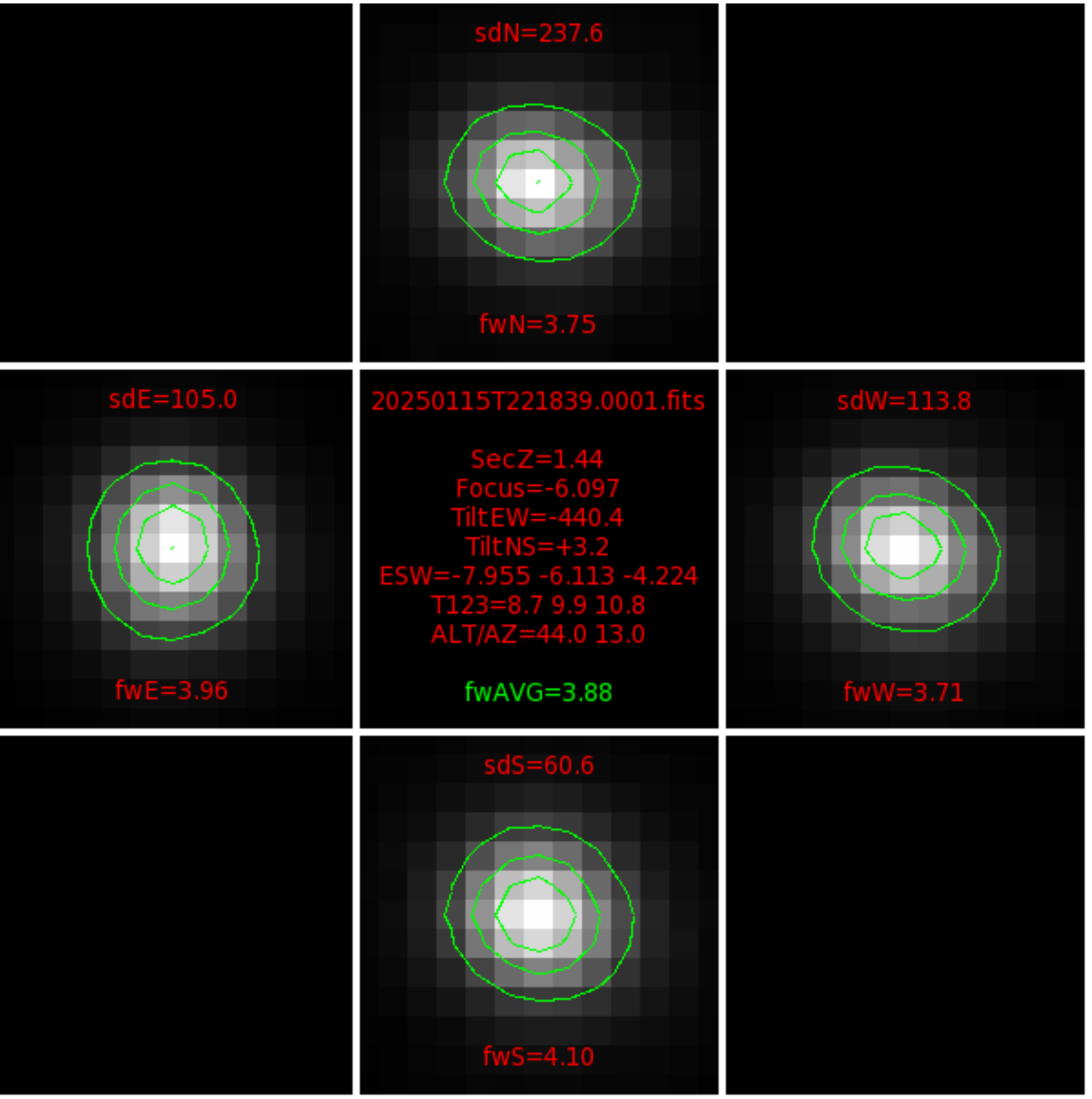
sdN=237.6
fwN=3.75
sdE=105.0
fwE=3.96
20250115T221839.0001.fits
SecZ=1.44
Focus=-6.097
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.955 -6.113 -4.224
T123=8.7 9.9 10.8
ALT/AZ=44.0 13.0
fwAVG=3.88
sdW=113.8
fwW=3.71
sdS=60.6
fwS=4.10
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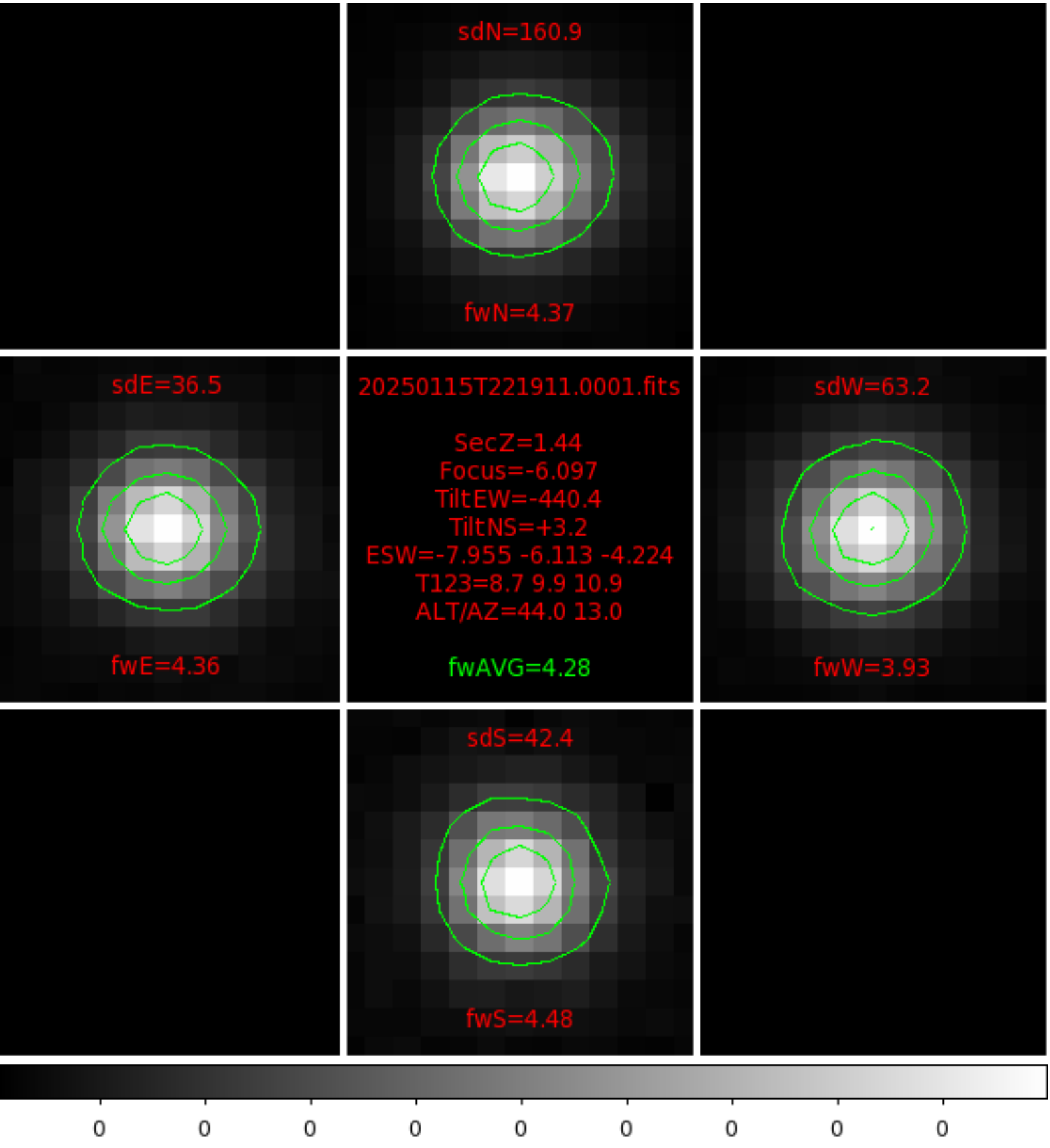
sdN=160.9
fwN=4.37
sdE=36.5
fwE=4.36
20250115T221911.0001.fits
SecZ=1.44
Focus=-6.097
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.955 -6.113 -4.224
T123=8.7 9.9 10.9
ALT/AZ=44.0 13.0
fwAVG=4.28
sdW=63.2
fwW=3.93
sdS=42.4
fwS=4.48
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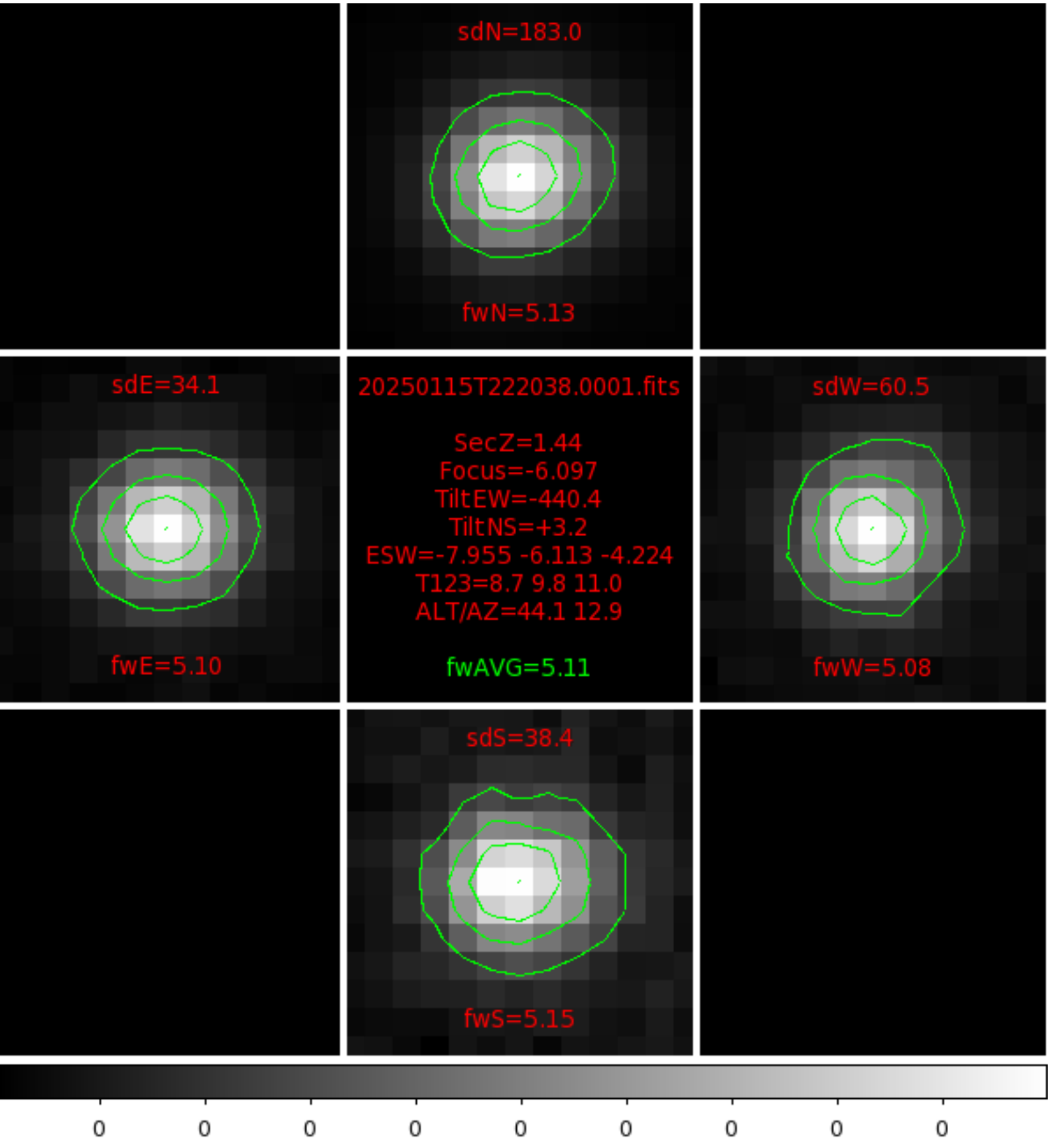
sdN=183.0
fwN=5.13
sdE=34.1
fwE=5.10
20250115T222038.0001.fits
SecZ=1.44
Focus=-6.097
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.955 -6.113 -4.224
T123=8.7 9.8 11.0
ALT/AZ=44.1 12.9
fwAVG=5.11
sdW=60.5
fwW=5.08
sdS=38.4
fwS=5.15
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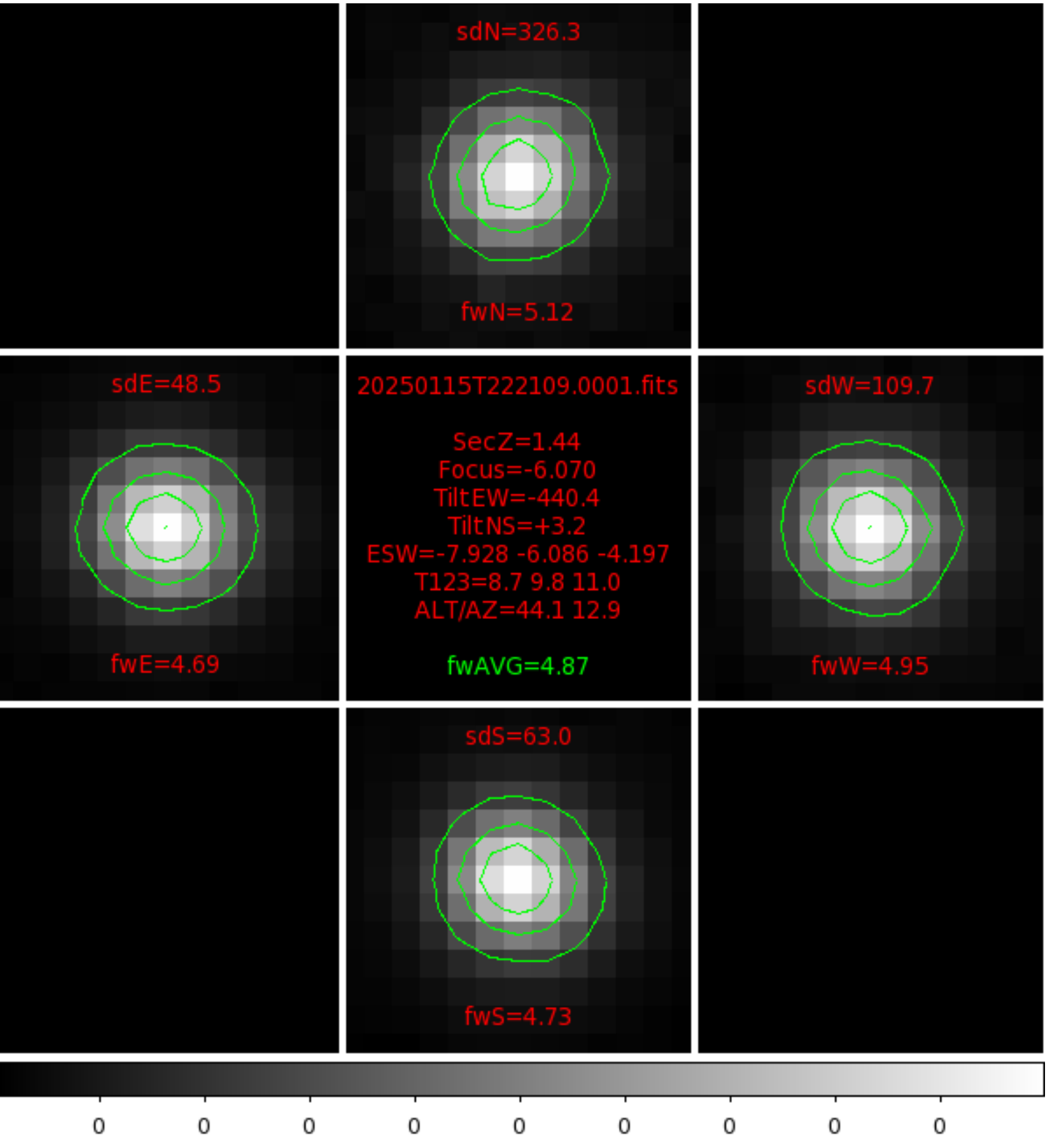
sdN=326.3
fwN=5.12
sdE=48.5
fwE=4.69
20250115T222109.0001.fits
SecZ=1.44
Focus=-6.070
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.928 -6.086 -4.197
T123=8.7 9.8 11.0
ALT/AZ=44.1 12.9
fwAVG=4.87
sdW=109.7
fwW=4.95
sdS=63.0
fwS=4.73
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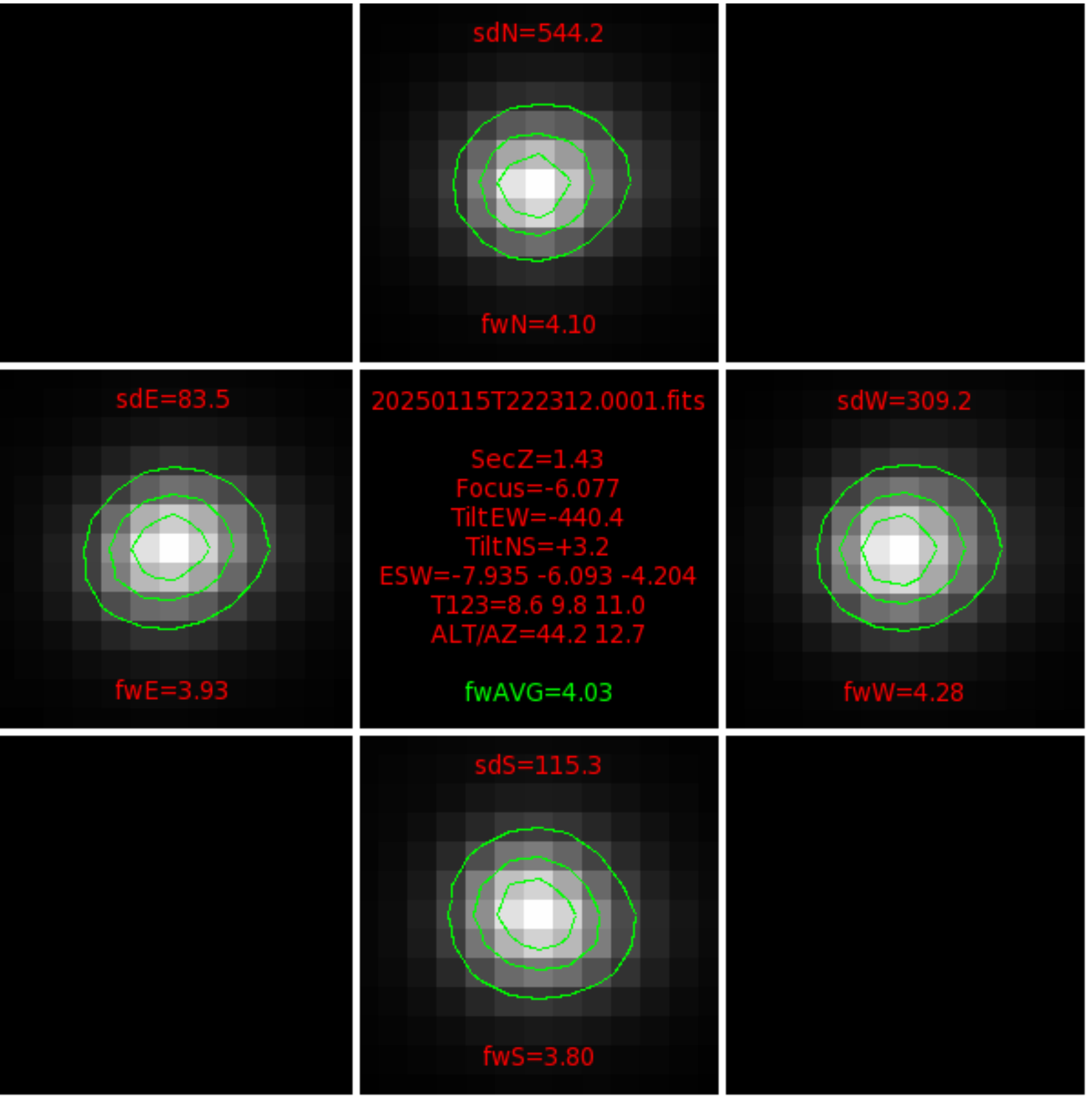
sdN=544.2
fwN=4.10
sdE=83.5
fwE=3.93
20250115T222312.0001.fits
SecZ=1.43
Focus=-6.077
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.935 -6.093 -4.204
T123=8.6 9.8 11.0
ALT/AZ=44.2 12.7
fwAVG=4.03
sdW=309.2
fwW=4.28
sdS=115.3
fwS=3.80
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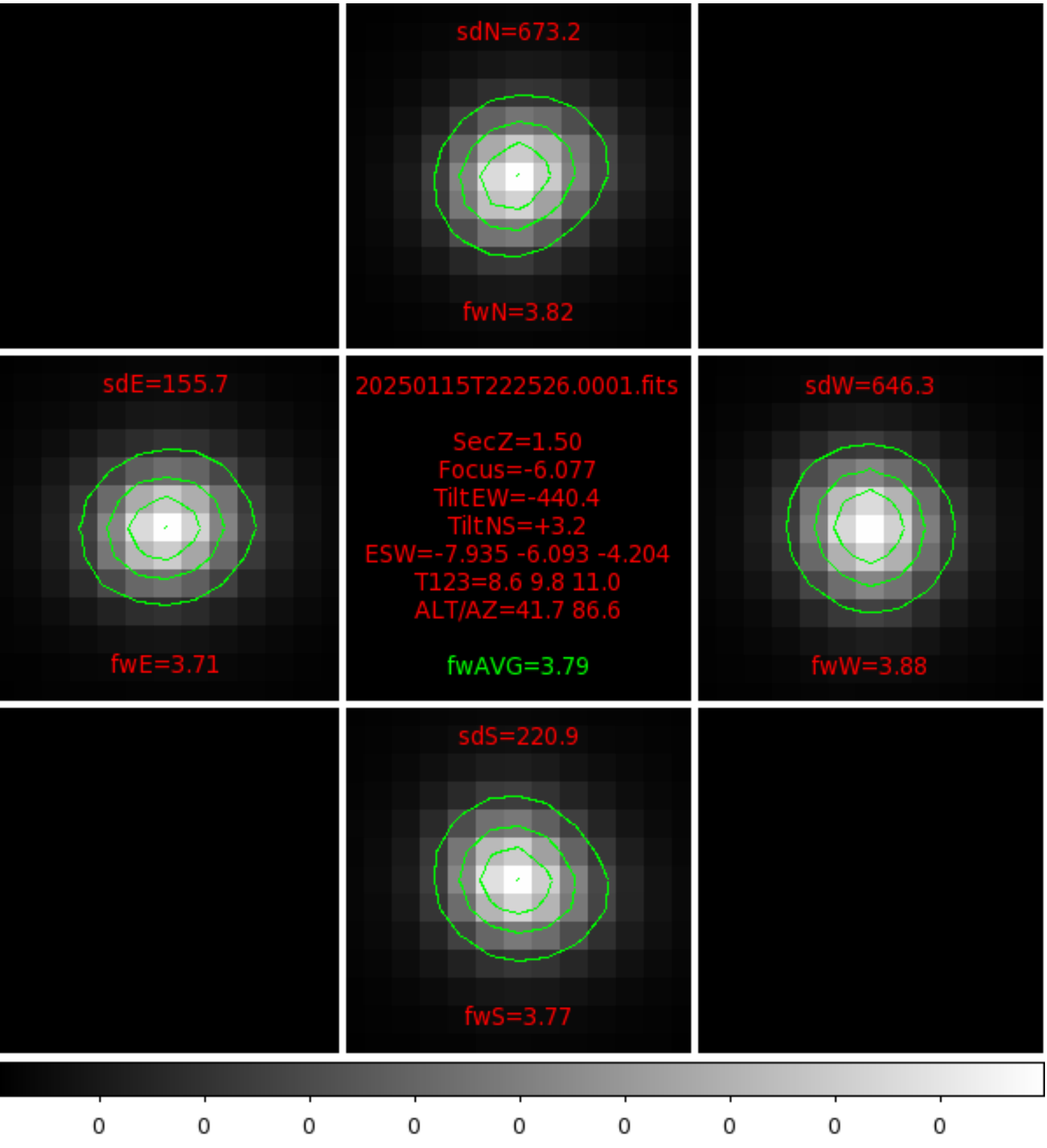
sdN=673.2
fwN=3.82
sdE=155.7
fwE=3.71
20250115T222526.0001.fits
SecZ=1.50
Focus=-6.077
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.935 -6.093 -4.204
T123=8.6 9.8 11.0
ALT/AZ=41.7 86.6
fwAVG=3.79
sdW=646.3
fwW=3.88
sdS=220.9
fwS=3.77
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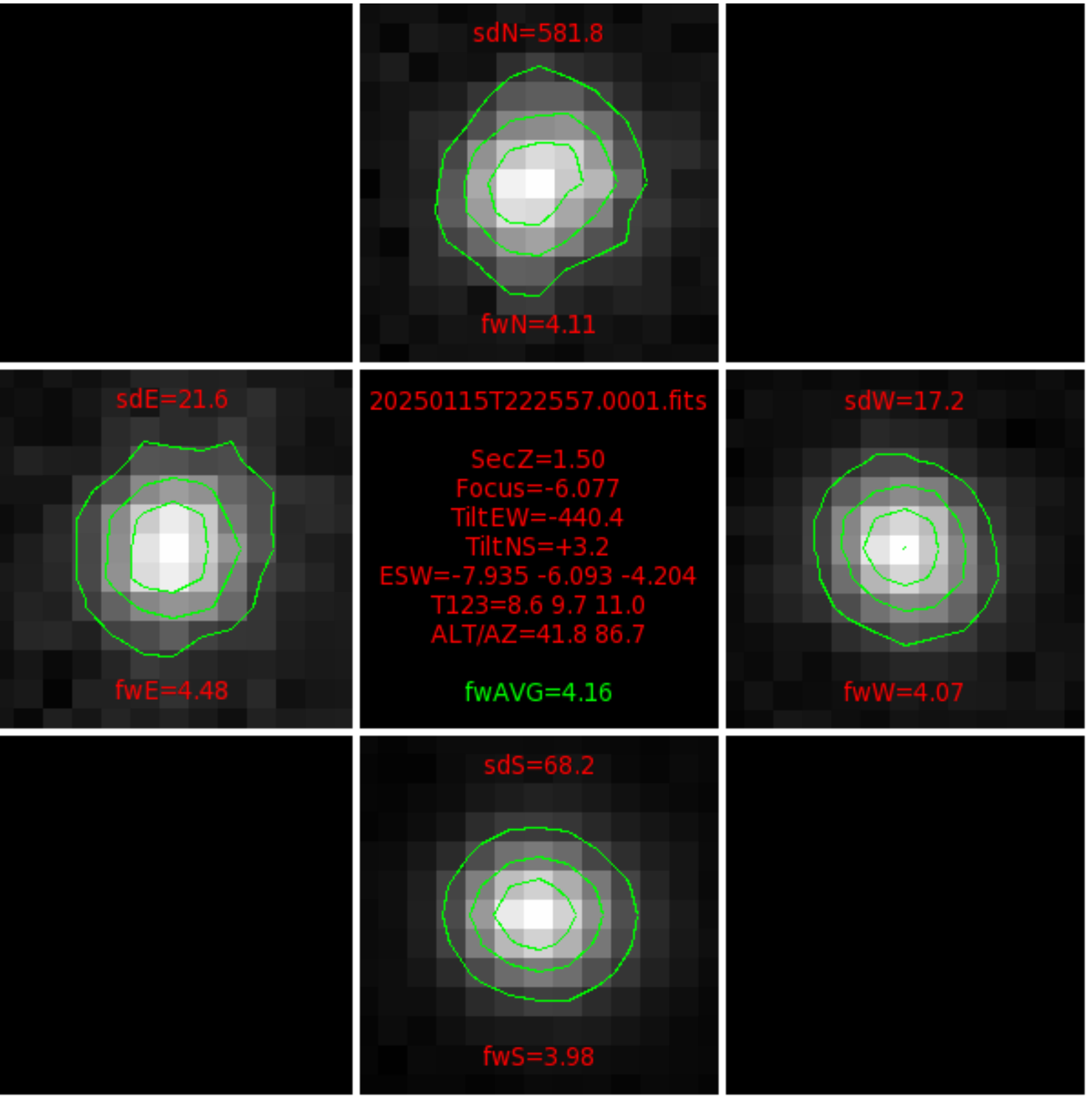
sdN=581.8
fwN=4.11
sdE=21.6
fwE=4.48
20250115T222557.0001.fits
SecZ=1.50
Focus=-6.077
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.935 -6.093 -4.204
T123=8.6 9.7 11.0
ALT/AZ=41.8 86.7
fwAVG=4.16
sdW=17.2
fwW=4.07
sdS=68.2
fwS=3.98
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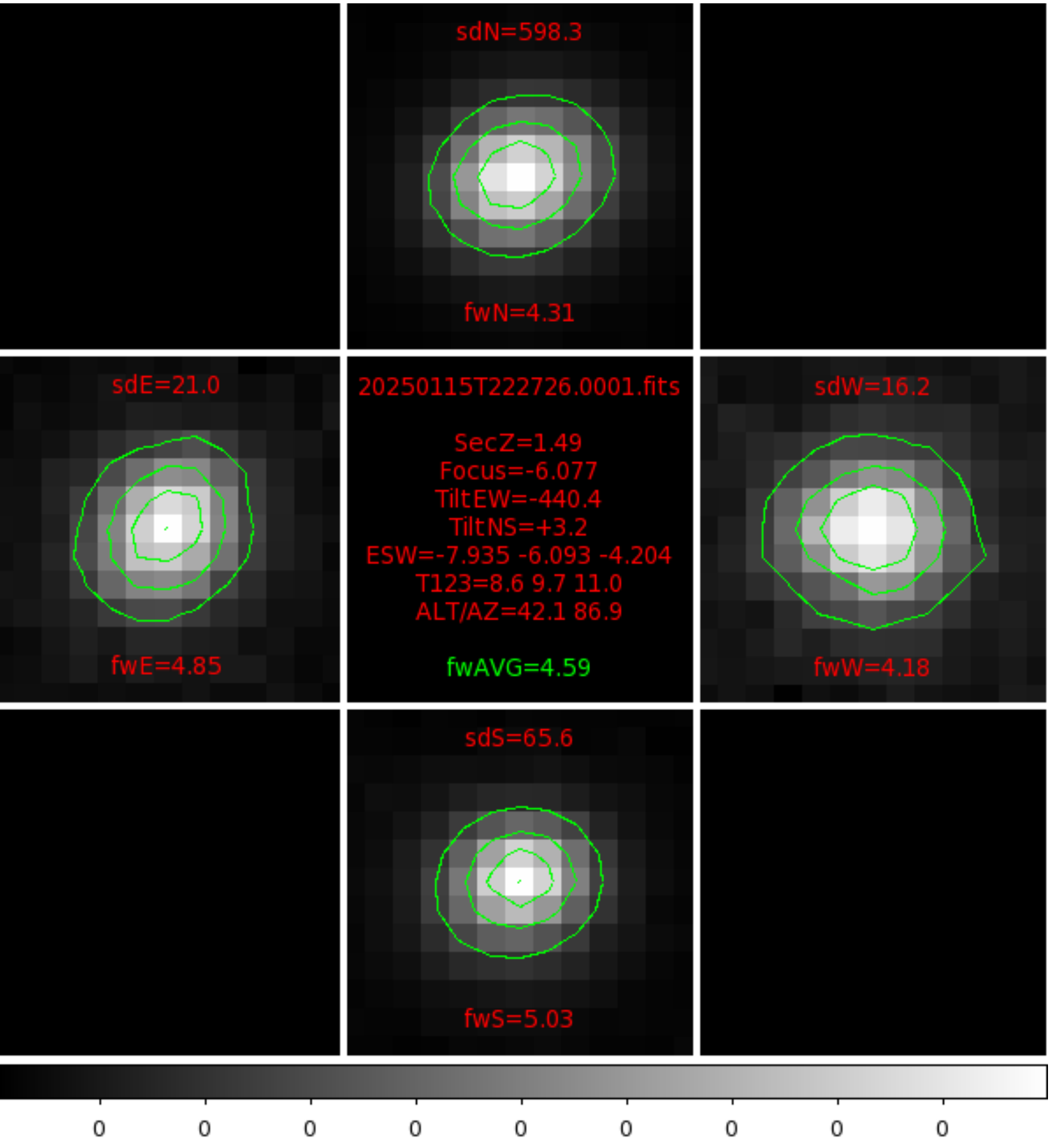
sdN=598.3
fwN=4.31
sdE=21.0
fwE=4.85
20250115T222726.0001.fits
SecZ=1.49
Focus=-6.077
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.935 -6.093 -4.204
T123=8.6 9.7 11.0
ALT/AZ=42.1 86.9
fwAVG=4.59
sdW=16.2
fwW=4.18
sdS=65.6
fwS=5.03
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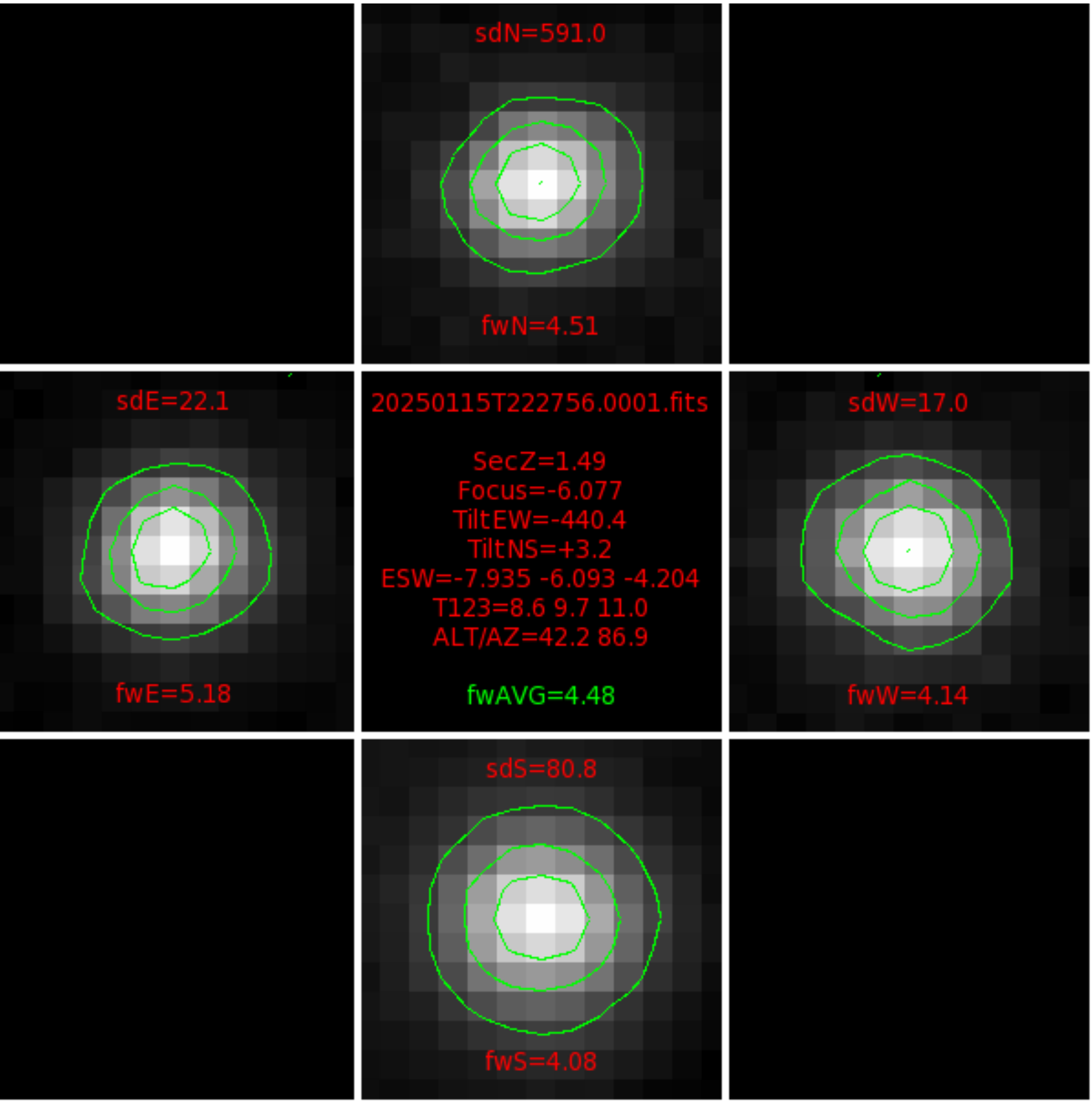
sdN=591.0
fwN=4.51
sdE=22.1
fwE=5.18
20250115T222756.0001.fits
SecZ=1.49
Focus=-6.077
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.935 -6.093 -4.204
T123=8.6 9.7 11.0
ALT/AZ=42.2 86.9
fwAVG=4.48
sdW=17.0
fwW=4.14
sdS=80.8
fwS=4.08
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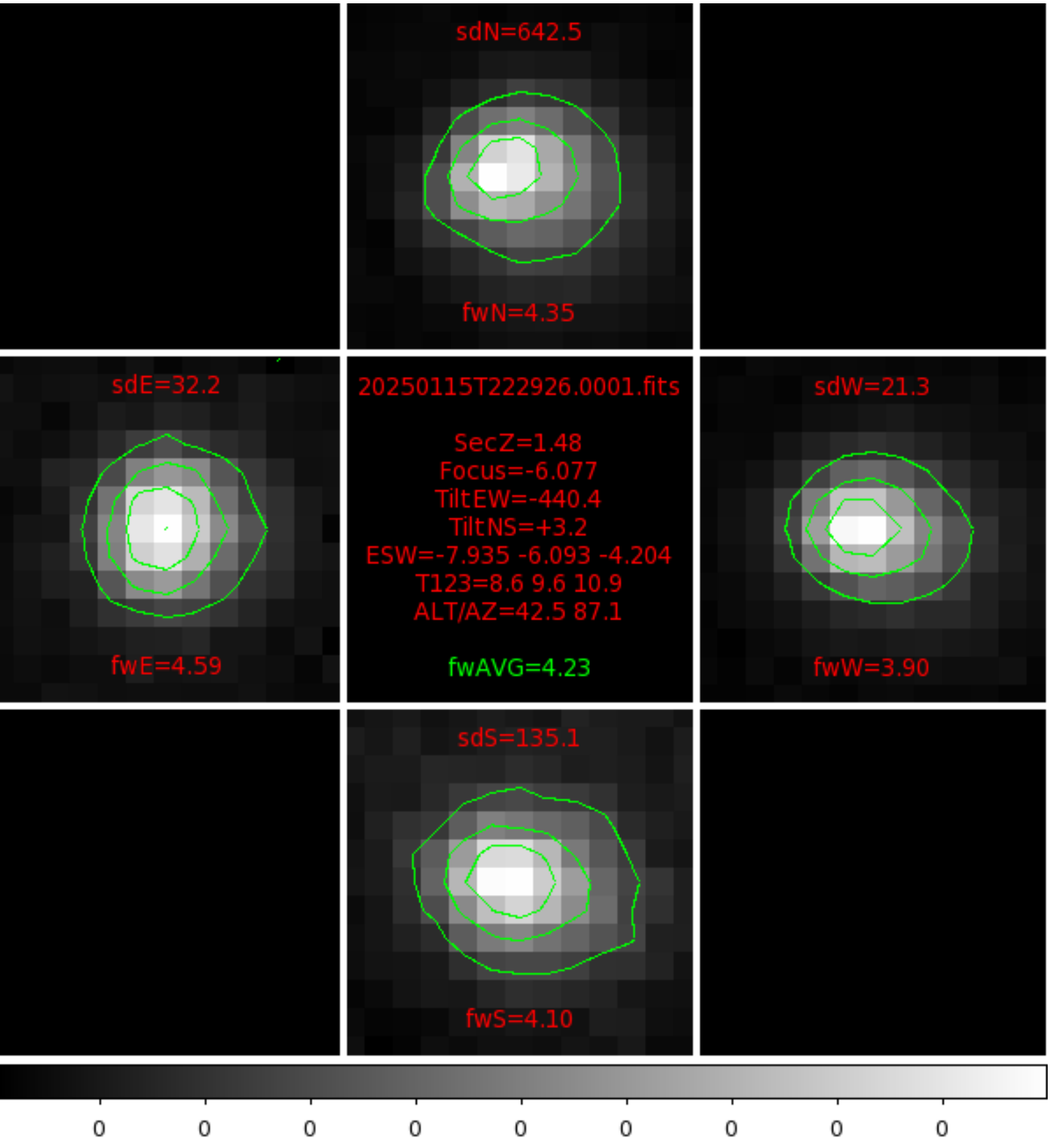
sdN=642.5
fwN=4.35
sdE=32.2
fwE=4.59
20250115T222926.0001.fits
SecZ=1.48
Focus=-6.077
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.935 -6.093 -4.204
T123=8.6 9.6 10.9
ALT/AZ=42.5 87.1
fwAVG=4.23
sdW=21.3
fwW=3.90
sdS=135.1
fwS=4.10
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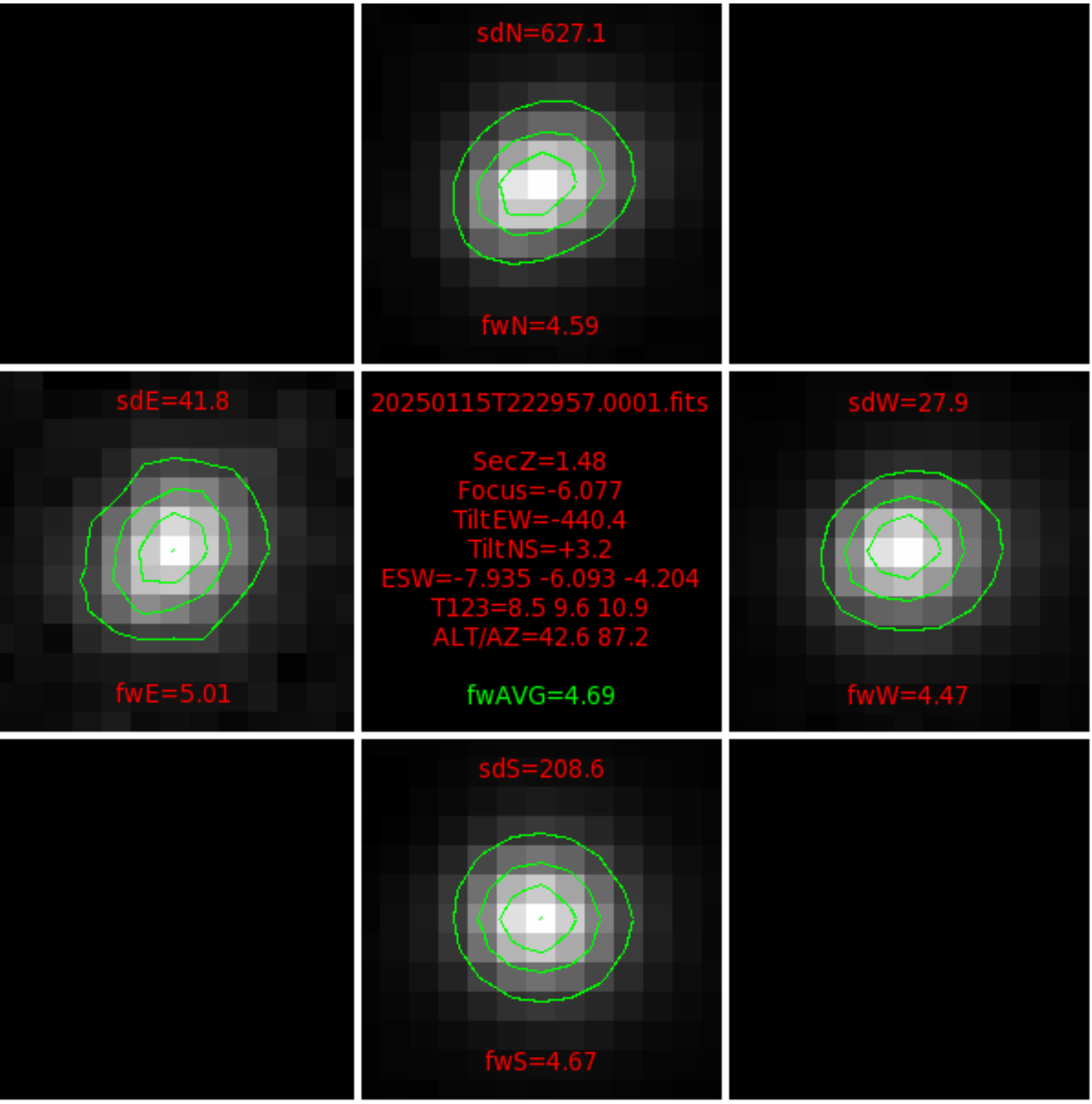
sdN=627.1
fwN=4.59
sdE=41.8
fwE=5.01
20250115T222957.0001.fits
SecZ=1.48
Focus=-6.077
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.935 -6.093 -4.204
T123=8.5 9.6 10.9
ALT/AZ=42.6 87.2
fwAVG=4.69
sdW=27.9
fwW=4.47
sdS=208.6
fwS=4.67
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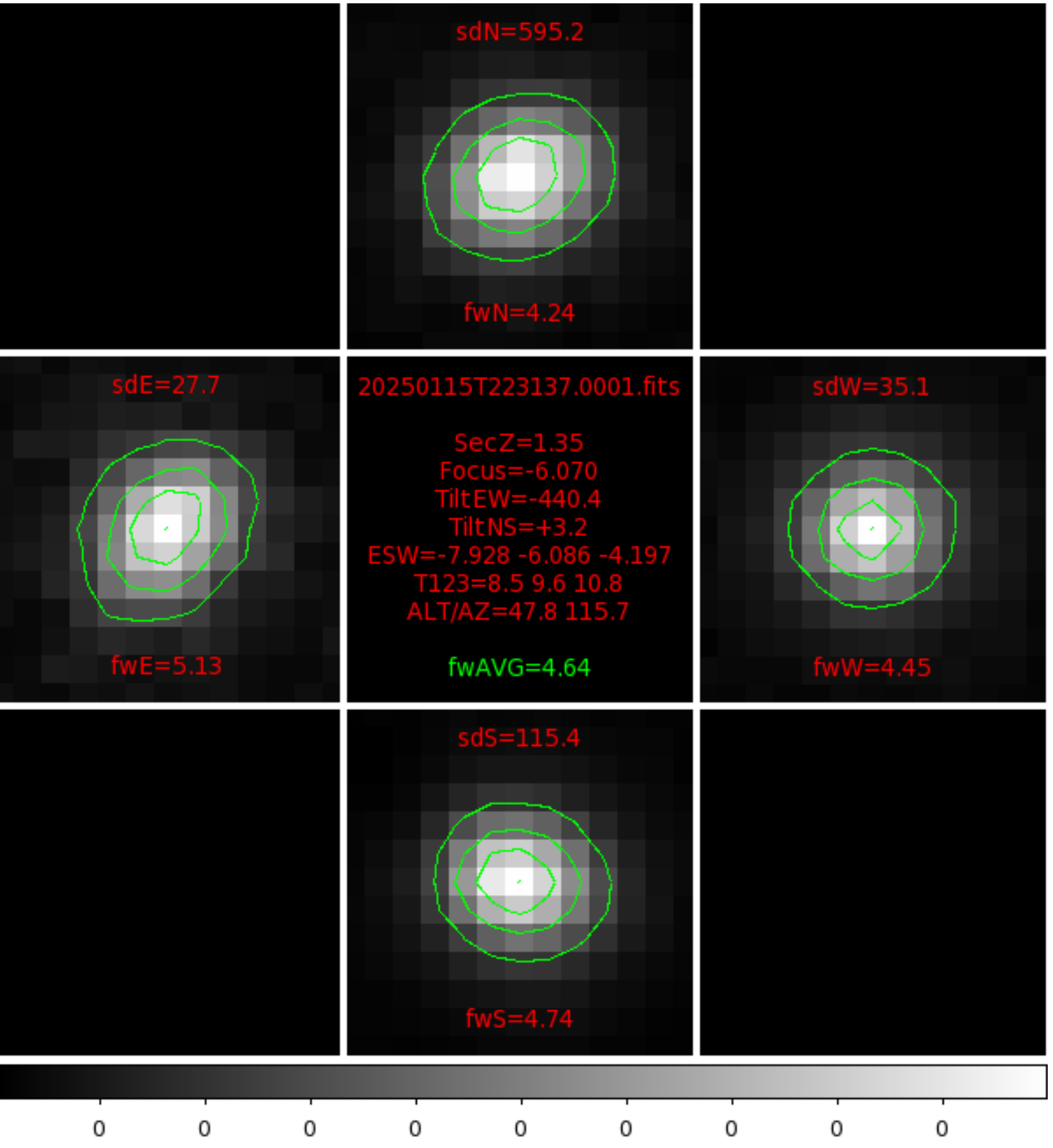
sdN=595.2
fwN=4.24
sdE=27.7
fwE=5.13
20250115T223137.0001.fits
SecZ=1.35
Focus=-6.070
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.928 -6.086 -4.197
T123=8.5 9.6 10.8
ALT/AZ=47.8 115.7
fwAVG=4.64
sdW=35.1
fwW=4.45
sdS=115.4
fwS=4.74
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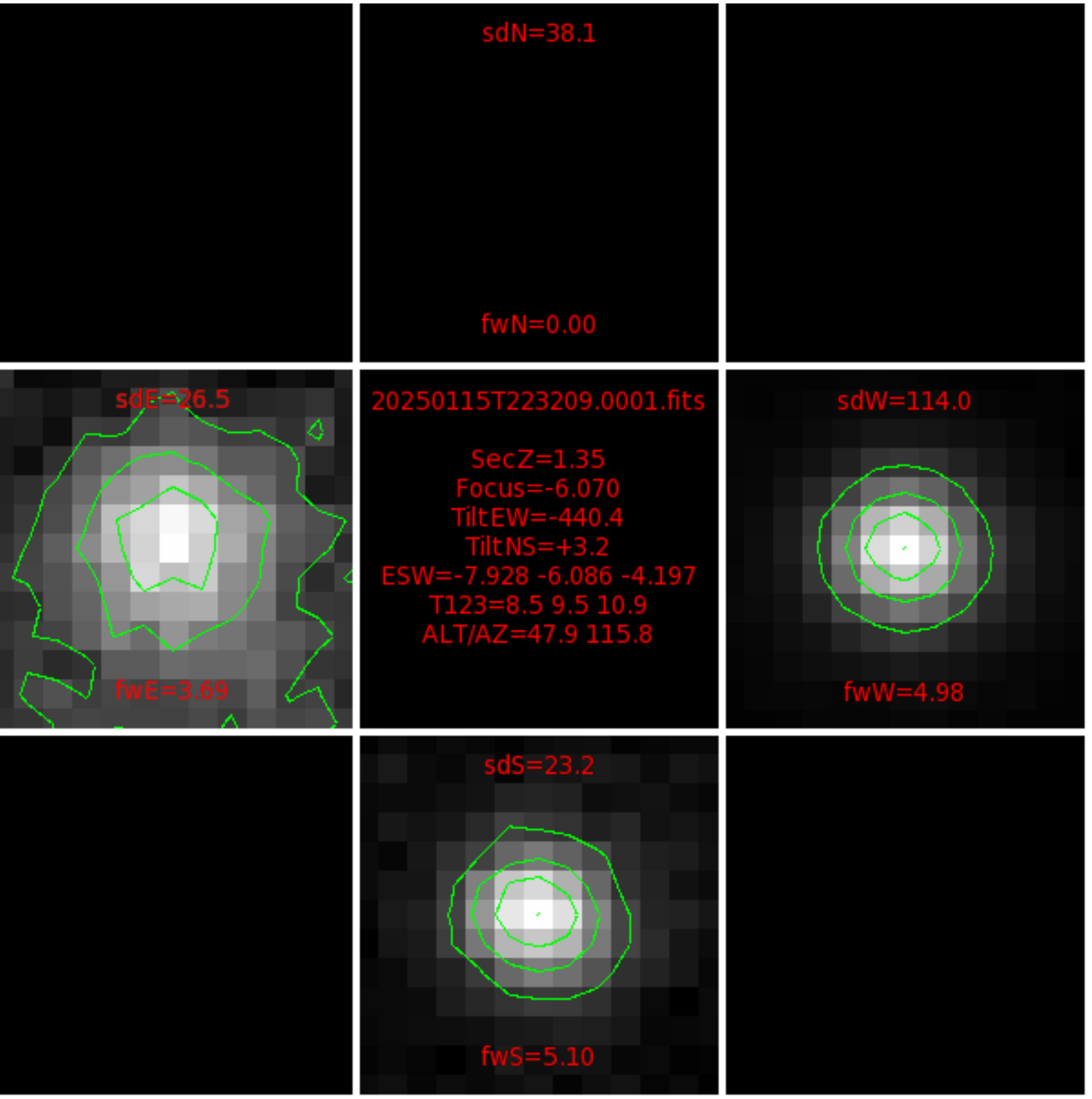
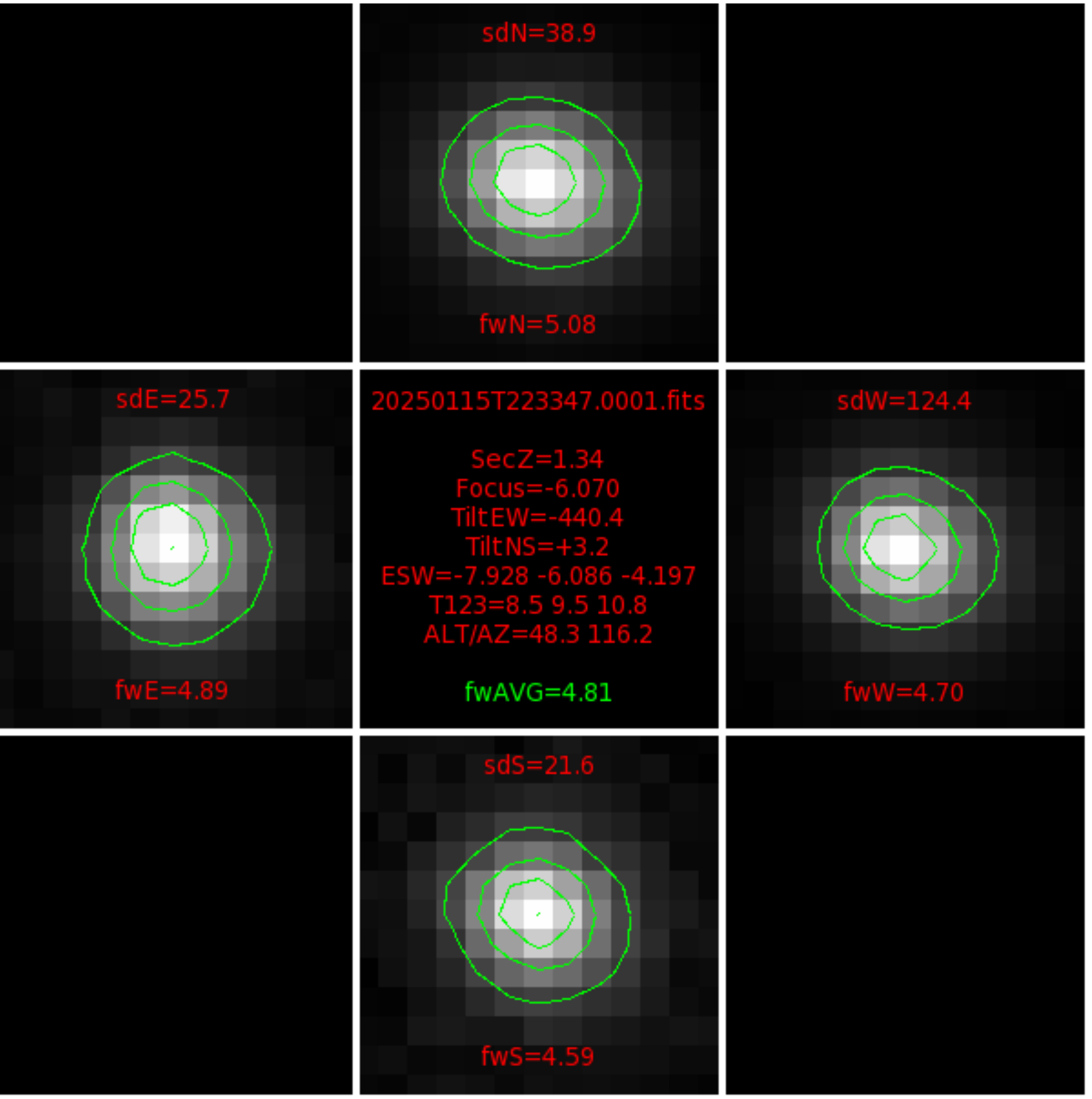

sdN=38.1
fwN=0.00
sdE=26.5
20250115T223209.0001.fits
SecZ=1.35
Focus=-6.070
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.928 -6.086 -4.197
T123=8.5 9.5 10.9
ALT/AZ=47.9 115.8
sdW=114.0
fwE=3.69
fwW=4.98
sdS=23.2
fwS=5.10
0 0 0 0 0 0 0 0 0


sdN=38.9
fwN=5.08
sdE=25.7
fwE=4.89
20250115T223347.0001.fits
SecZ=1.34
Focus=-6.070
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.928 -6.086 -4.197
T123=8.5 9.5 10.8
ALT/AZ=48.3 116.2
fwAVG=4.81
sdW=124.4
fwW=4.70
sdS=21.6
fwS=4.59
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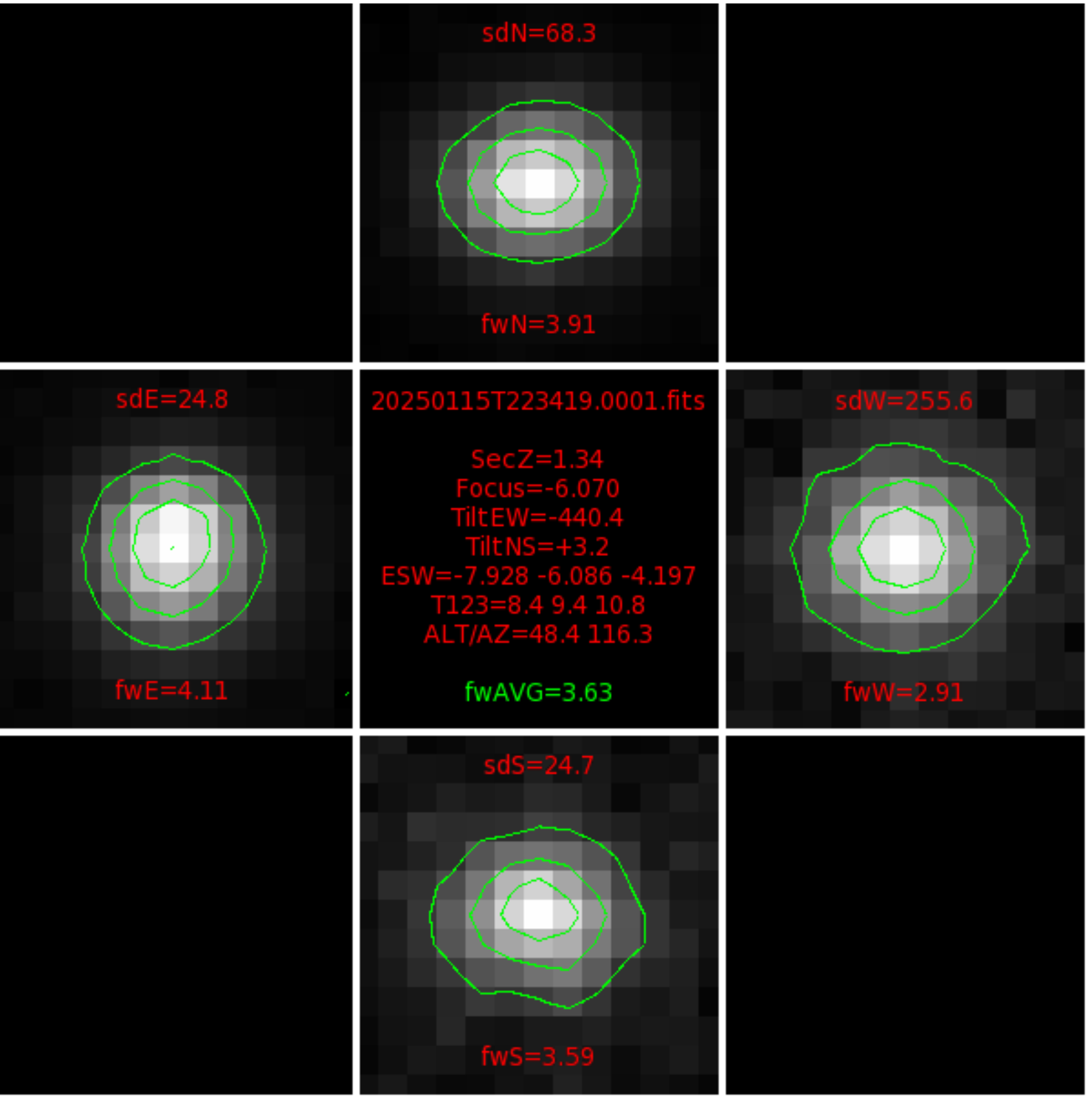
sdN=68.3
fwN=3.91
sdE=24.8
fwE=4.11
20250115T223419.0001.fits
SecZ=1.34
Focus=-6.070
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.928 -6.086 -4.197
T123=8.4 9.4 10.8
ALT/AZ=48.4 116.3
fwAVG=3.63
sdW=255.6
fwW=2.91
sdS=24.7
fwS=3.59
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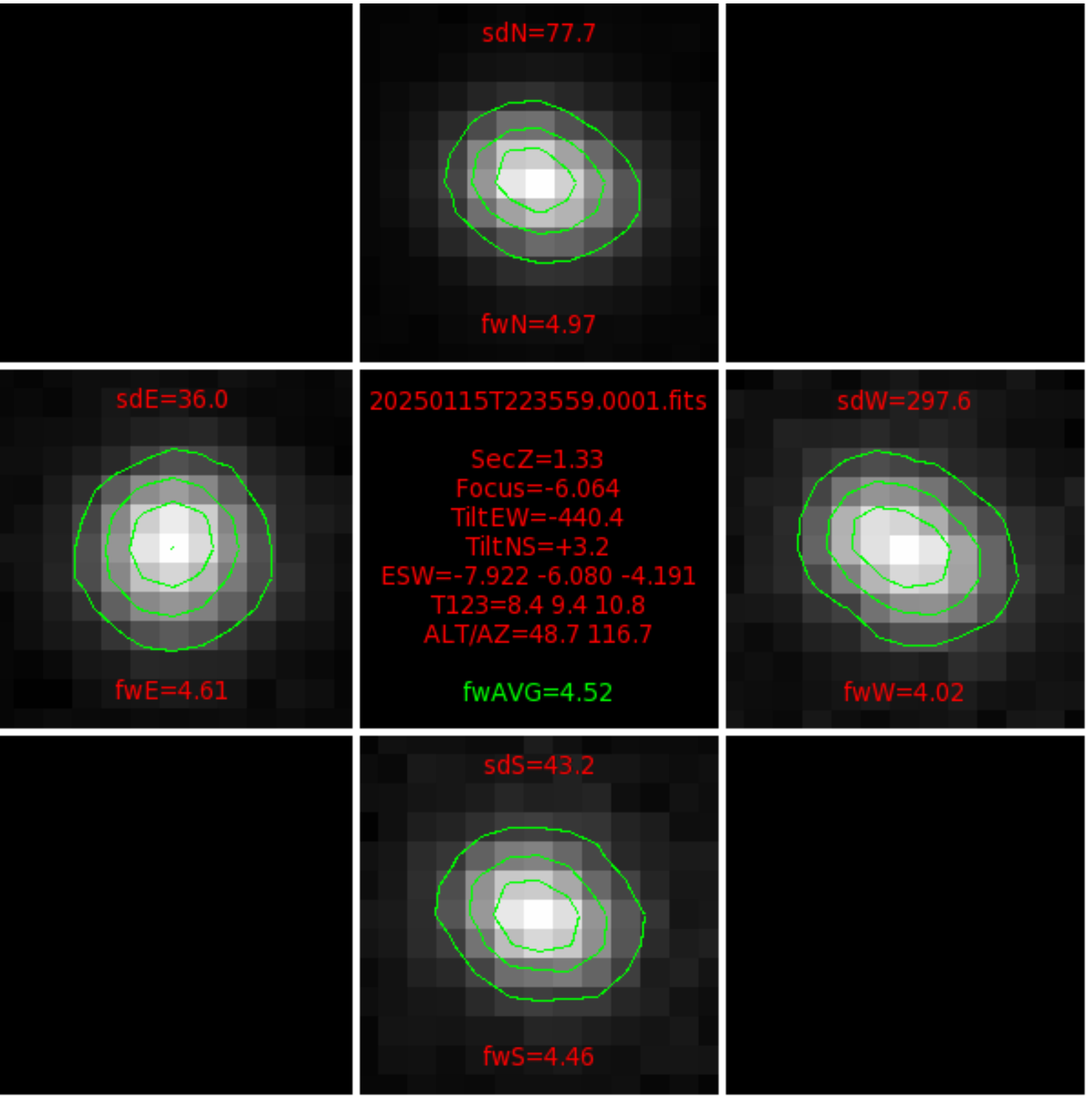
sdN=77.7
fwN=4.97
sdE=36.0
fwE=4.61
20250115T223559.0001.fits
SecZ=1.33
Focus=-6.064
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.922 -6.080 -4.191
T123=8.4 9.4 10.8
ALT/AZ=48.7 116.7
fwAVG=4.52
sdW=297.6
fwW=4.02
sdS=43.2
fwS=4.46
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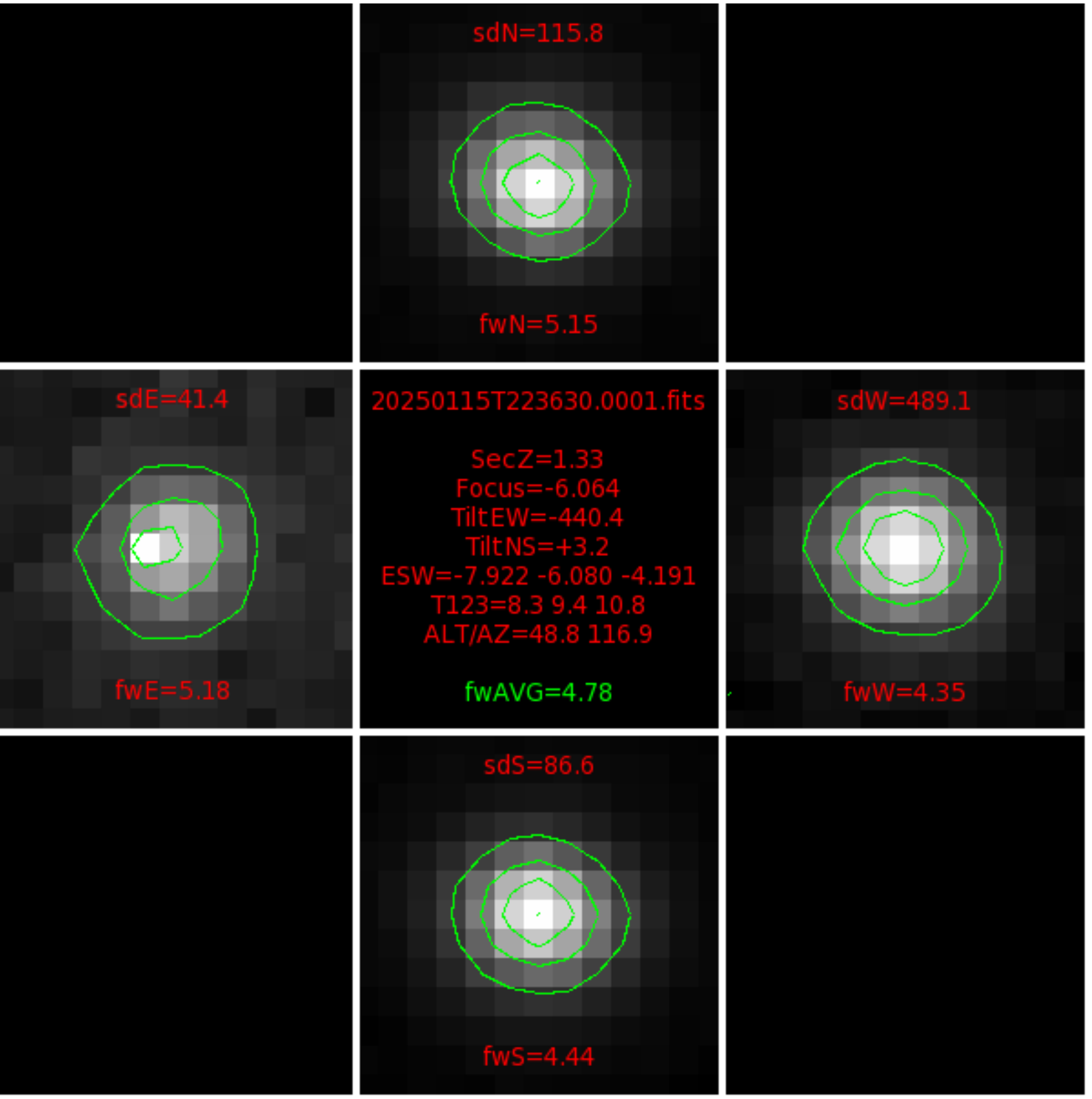
sdN=115.8
fwN=5.15
sdE=41.4
fwE=5.18
20250115T223630.0001.fits
SecZ=1.33
Focus=-6.064
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.922 -6.080 -4.191
T123=8.3 9.4 10.8
ALT/AZ=48.8 116.9
fwAVG=4.78
sdW=489.1
fwW=4.35
sdS=86.6
fwS=4.44
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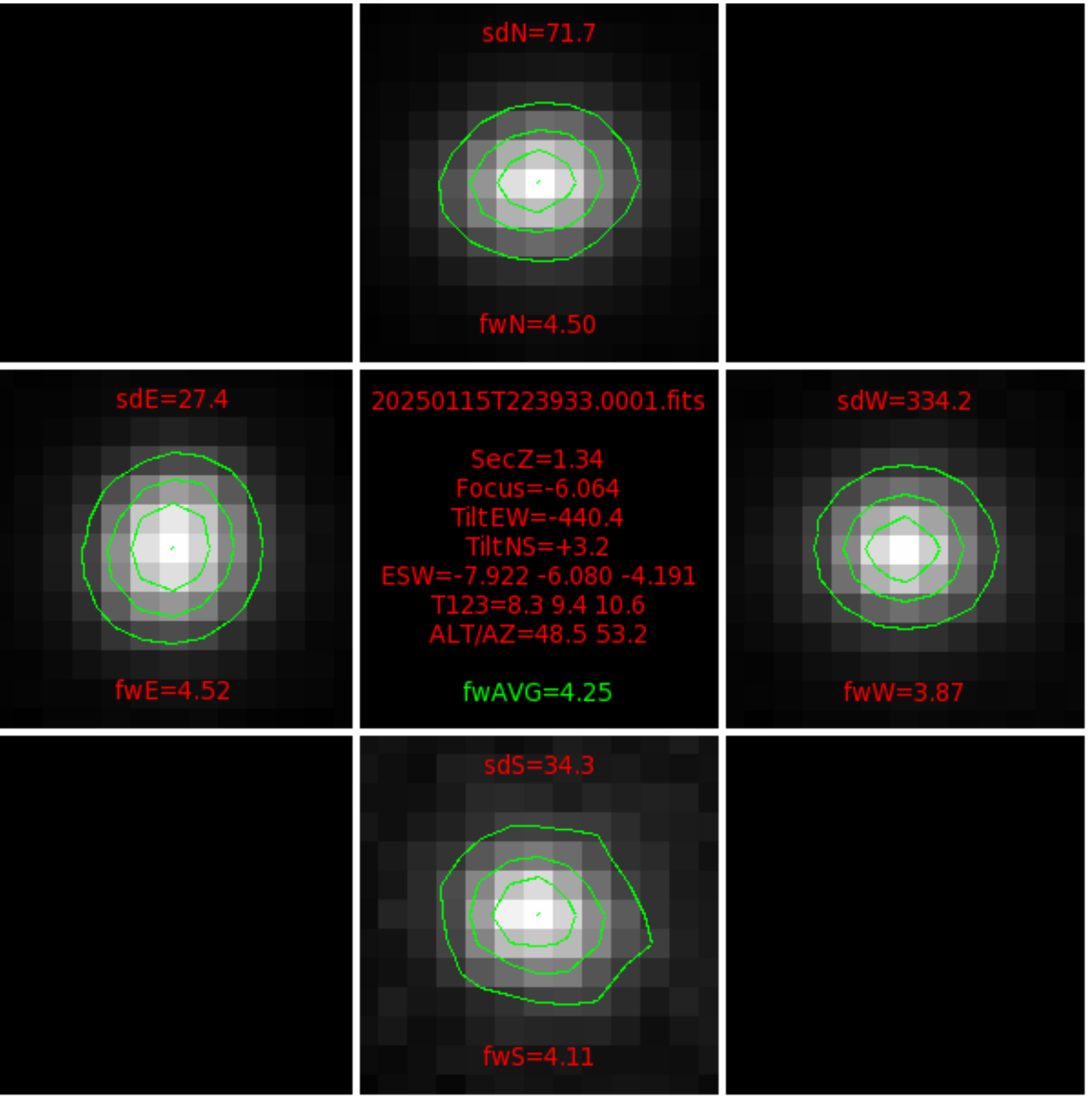
sdN=71.7
fwN=4.50
sdE=27.4
fwE=4.52
20250115T223933.0001.fits
SecZ=1.34
Focus=-6.064
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.922 -6.080 -4.191
T123=8.3 9.4 10.6
ALT/AZ=48.5 53.2
fwAVG=4.25
sdW=334.2
fwW=3.87
sdS=34.3
fwS=4.11
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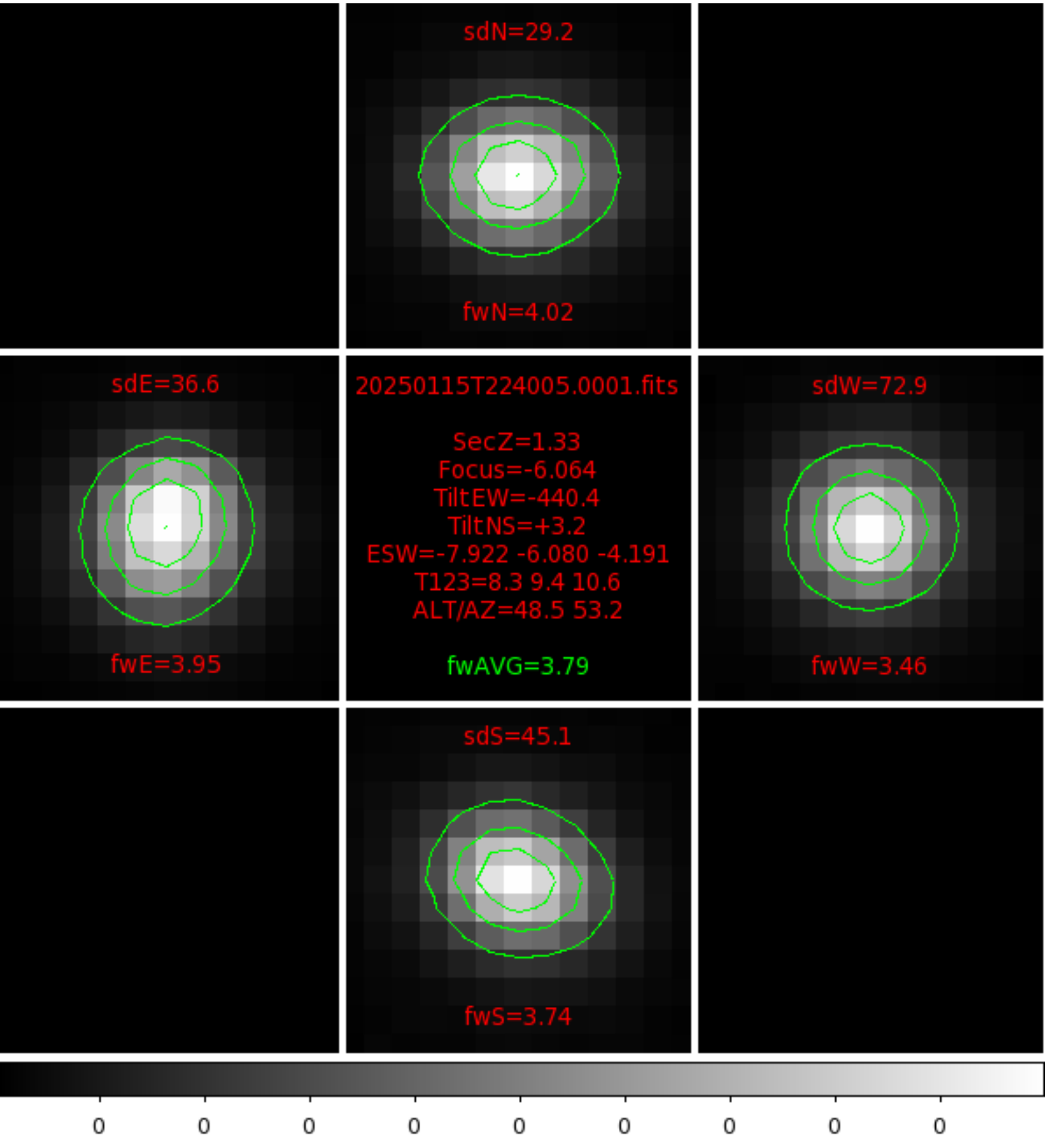
sdN=29.2
fwN=4.02
sdE=36.6
fwE=3.95
20250115T224005.0001.fits
SecZ=1.33
Focus=-6.064
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.922 -6.080 -4.191
T123=8.3 9.4 10.6
ALT/AZ=48.5 53.2
fwAVG=3.79
sdW=72.9
fwW=3.46
sdS=45.1
fwS=3.74
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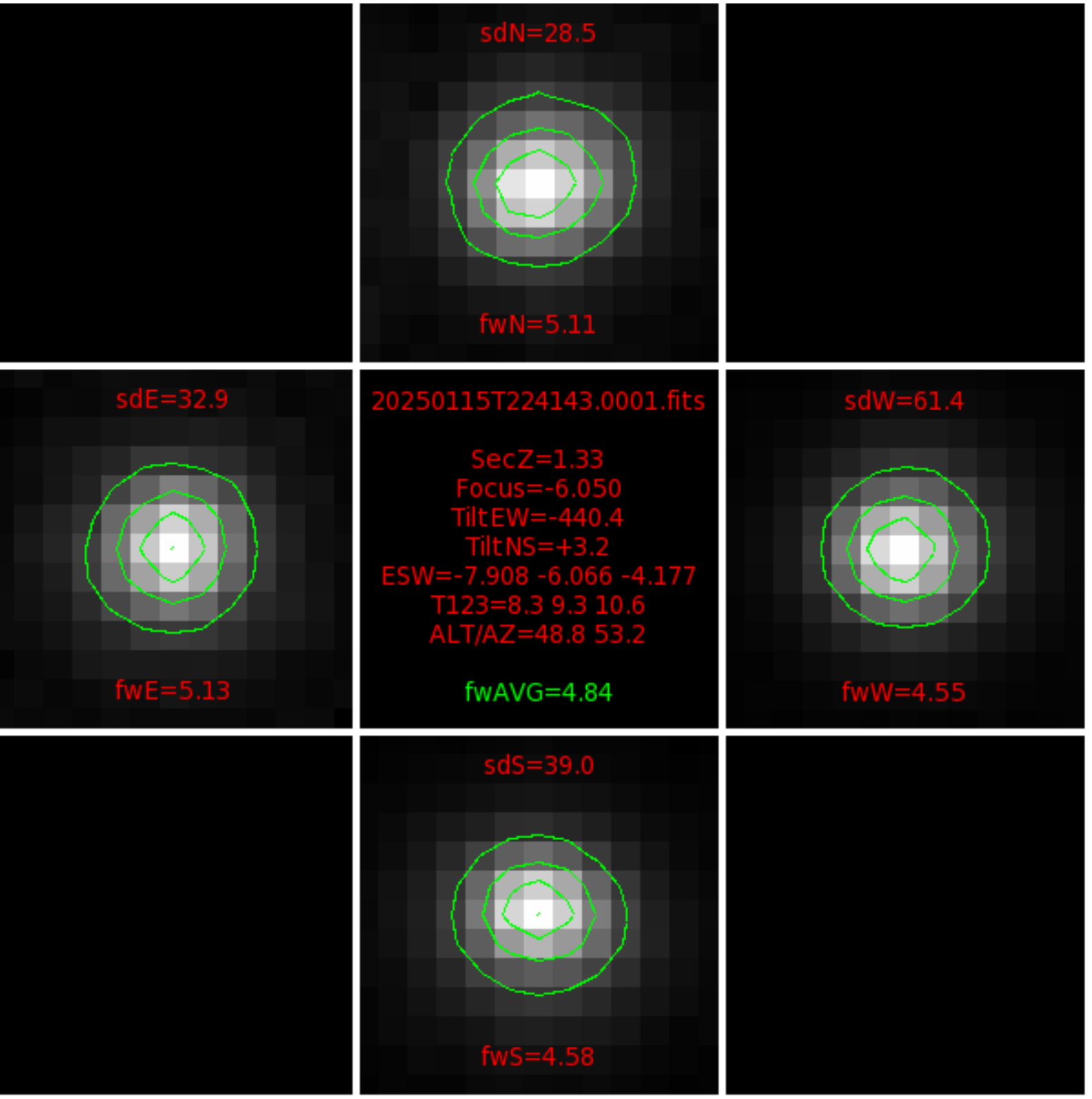
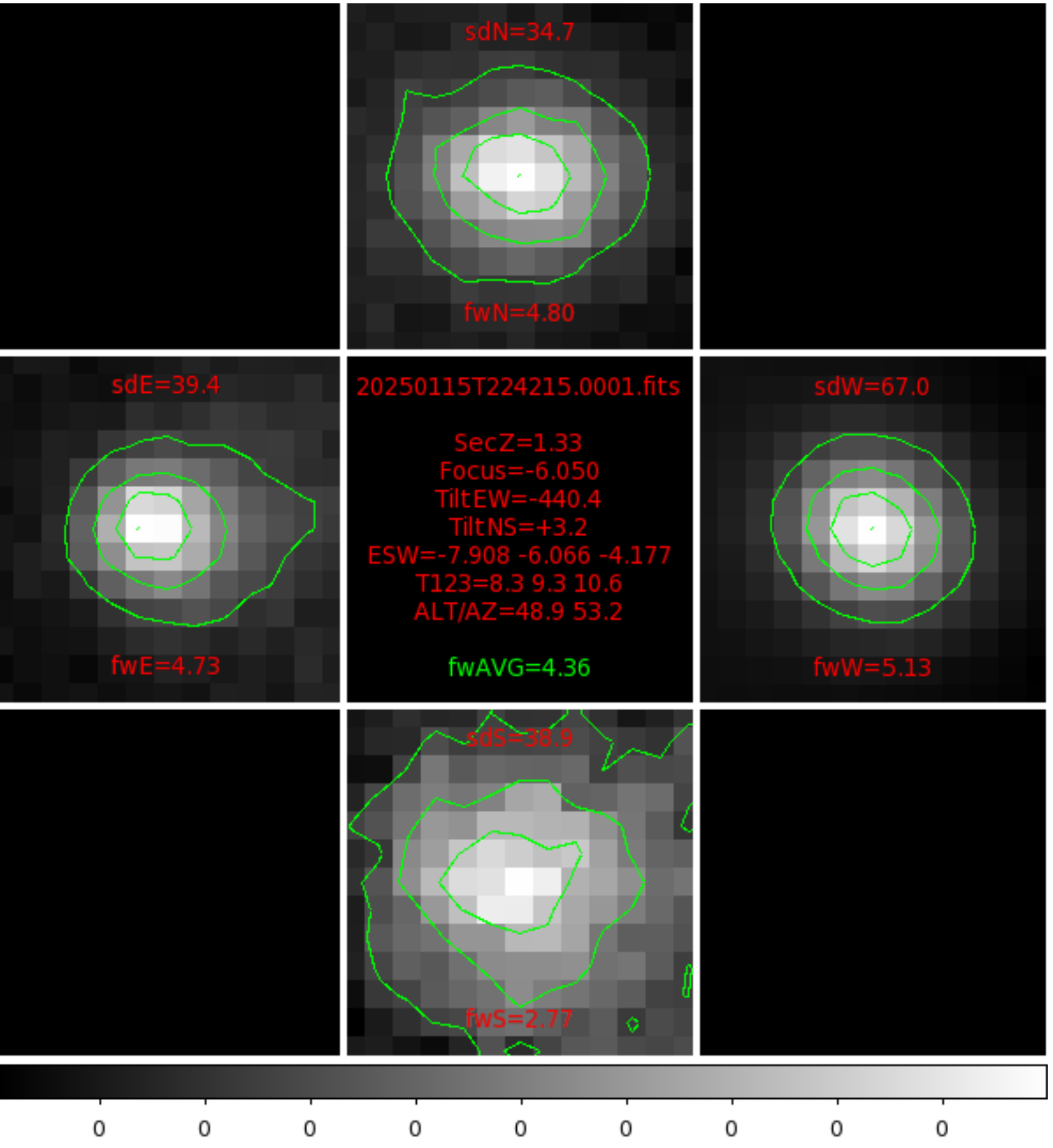

sdN=28.5
fwN=5.11
sdE=32.9
fwE=5.13
20250115T224143.0001.fits
SecZ=1.33
Focus=-6.050
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.908 -6.066 -4.177
T123=8.3 9.3 10.6
ALT/AZ=48.8 53.2
fwAVG=4.84
sdW=61.4
fwW=4.55
sdS=39.0
fwS=4.58
0 0 0 0 0 0 0 0 0


sdN=34.7
fwN=4.80
sdE=39.4
fwE=4.73
20250115T224215.0001.fits
SecZ=1.33
Focus=-6.050
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.908 -6.066 -4.177
T123=8.3 9.3 10.6
ALT/AZ=48.9 53.2
fwAVG=4.36
sdW=67.0
fwW=5.13
sdS=38.9
fwS=2.77
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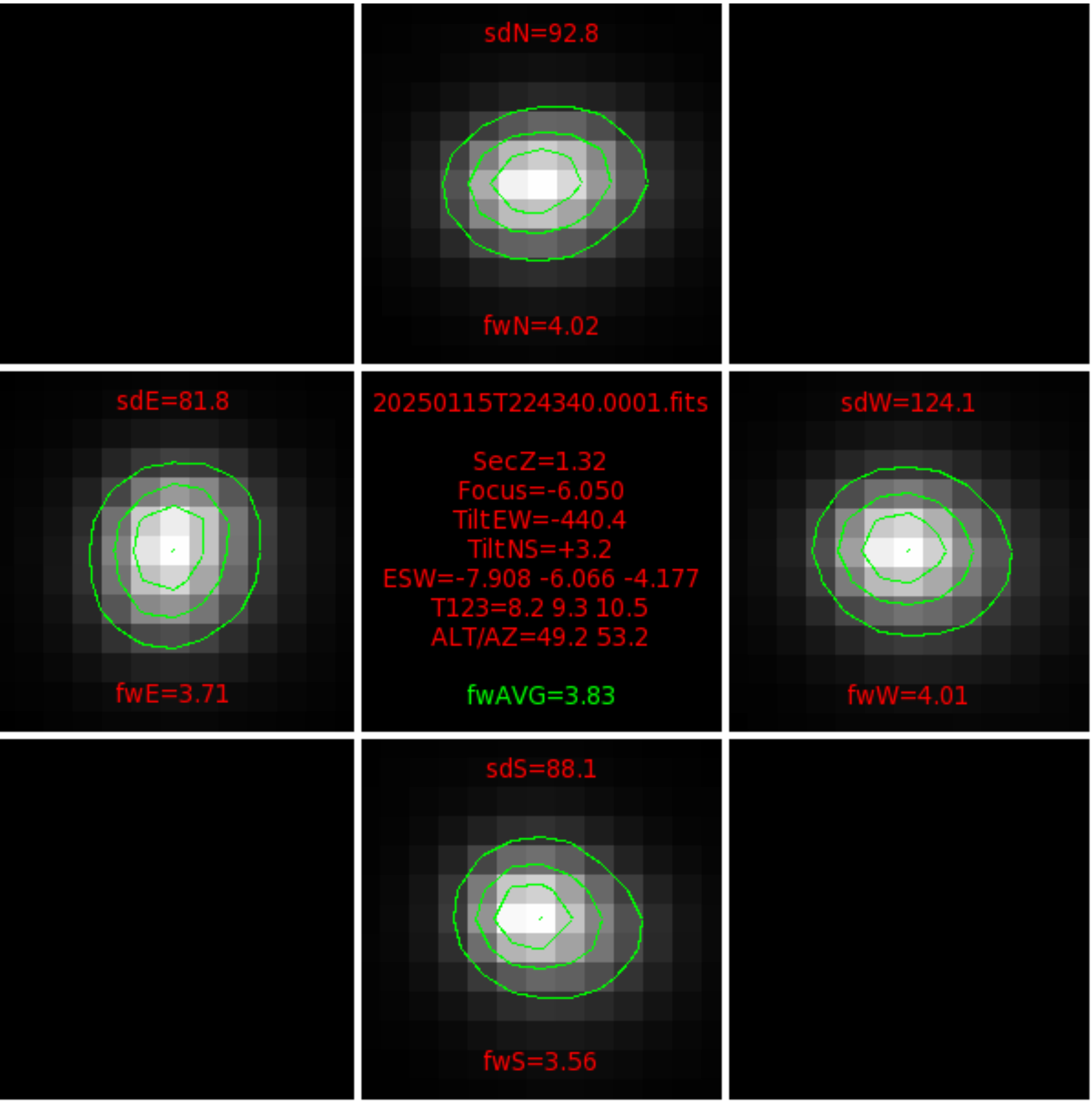
sdN=92.8
fwN=4.02
sdE=81.8
fwE=3.71
20250115T224340.0001.fits
SecZ=1.32
Focus=-6.050
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.908 -6.066 -4.177
T123=8.2 9.3 10.5
ALT/AZ=49.2 53.2
fwAVG=3.83
sdW=124.1
fwW=4.01
sdS=88.1
fwS=3.56
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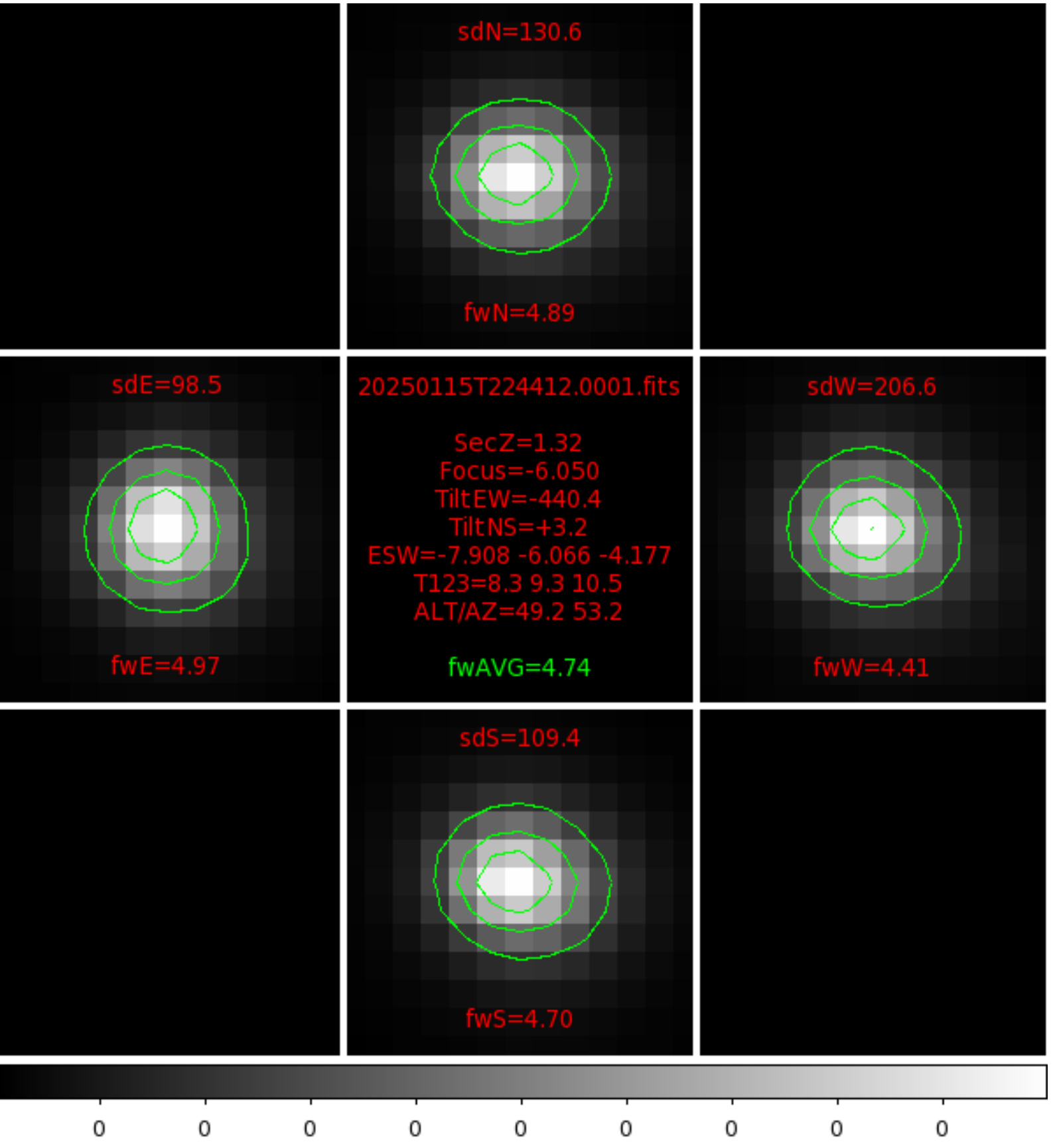
sdN=130.6
fwN=4.89
sdE=98.5
fwE=4.97
20250115T224412.0001.fits
SecZ=1.32
Focus=-6.050
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.908 -6.066 -4.177
T123=8.3 9.3 10.5
ALT/AZ=49.2 53.2
fwAVG=4.74
sdW=206.6
fwW=4.41
sdS=109.4
fwS=4.70
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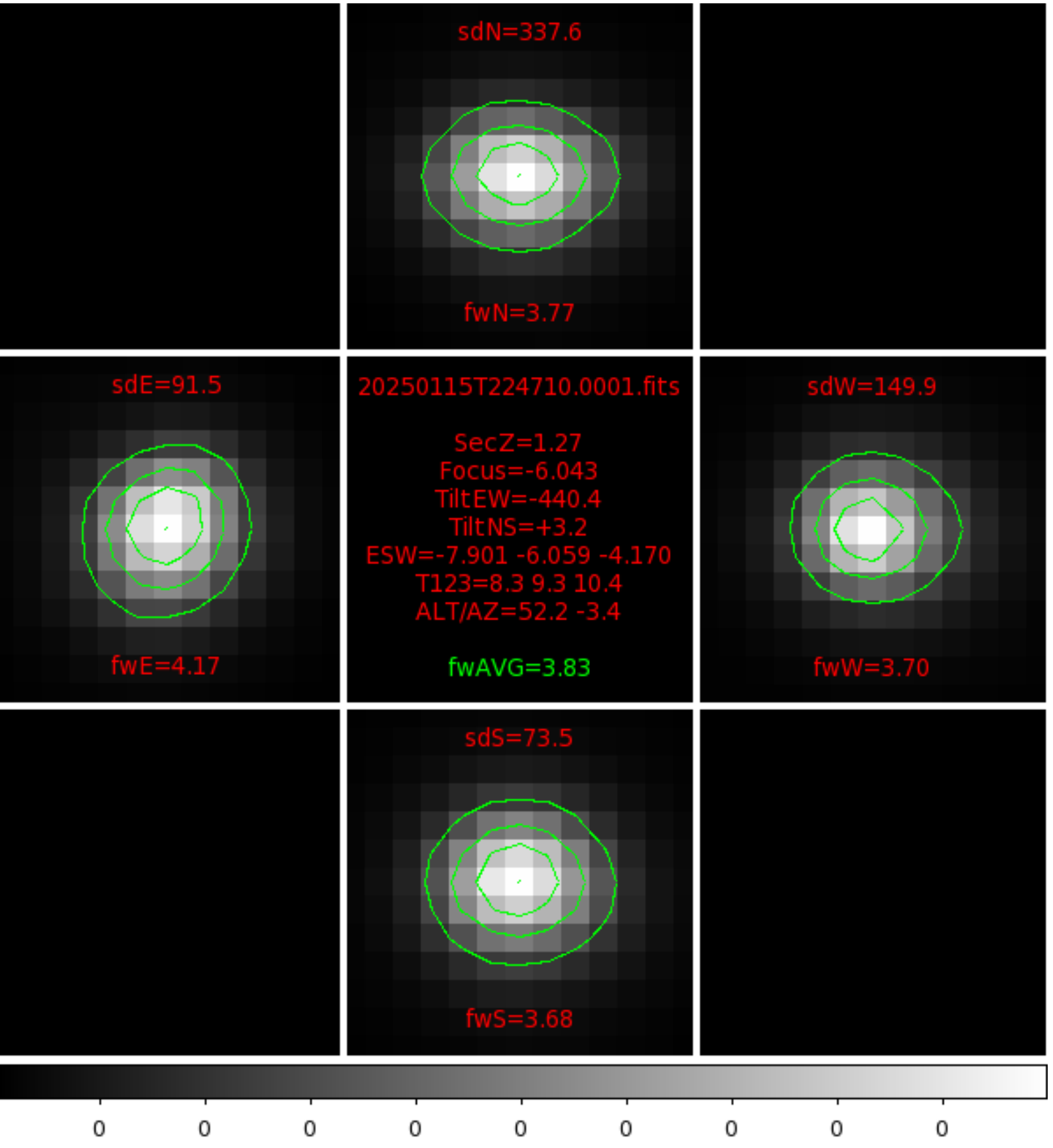
sdN=337.6
fwN=3.77
sdE=91.5
fwE=4.17
20250115T224710.0001.fits
SecZ=1.27
Focus=-6.043
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.901 -6.059 -4.170
T123=8.3 9.3 10.4
ALT/AZ=52.2 -3.4
fwAVG=3.83
sdW=149.9
fwW=3.70
sdS=73.5
fwS=3.68
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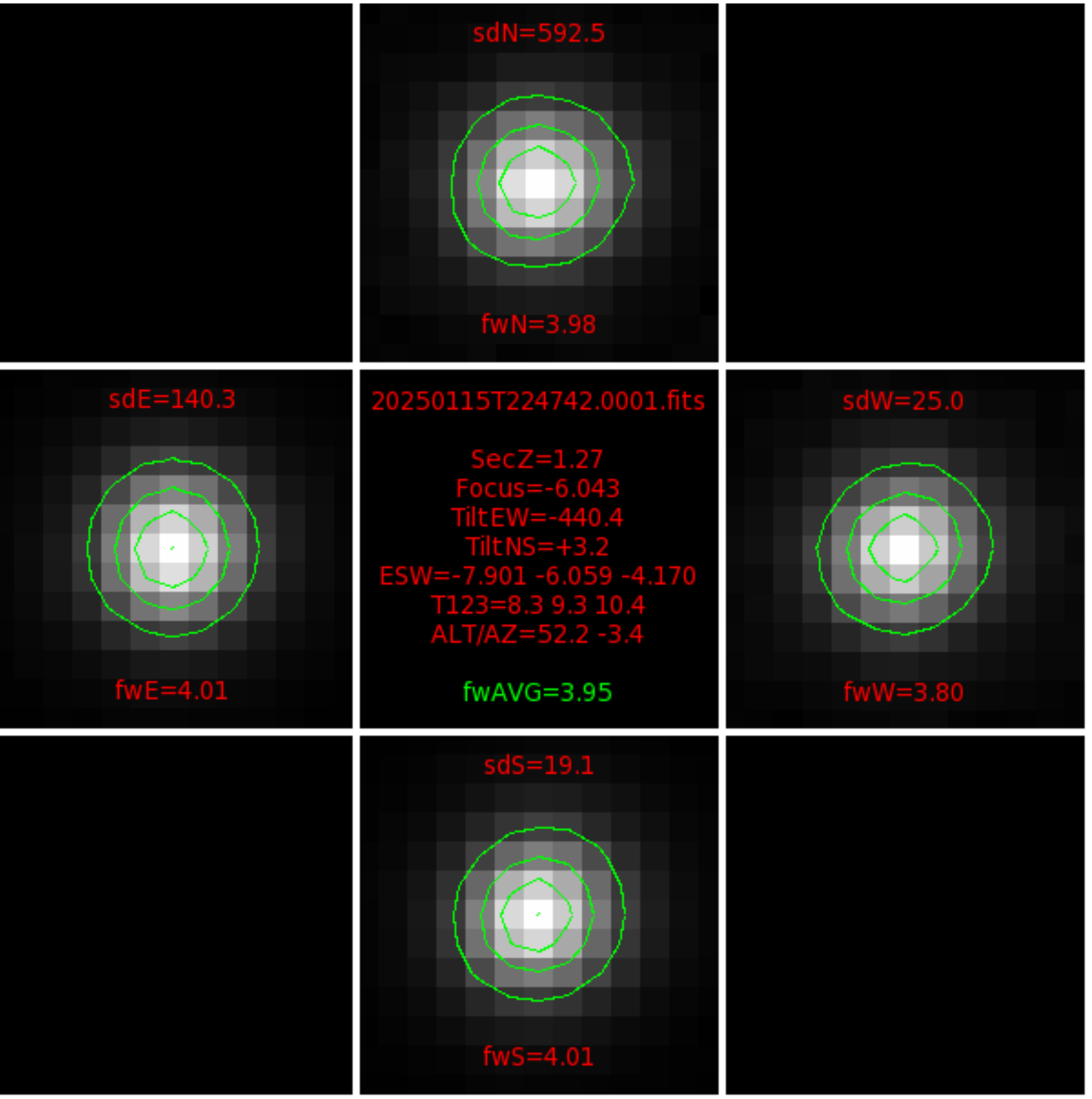
sdN=592.5
fwN=3.98
sdE=140.3
fwE=4.01
20250115T224742.0001.fits
SecZ=1.27
Focus=-6.043
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.901 -6.059 -4.170
T123=8.3 9.3 10.4
ALT/AZ=52.2 -3.4
fwAVG=3.95
sdW=25.0
fwW=3.80
sdS=19.1
fwS=4.01
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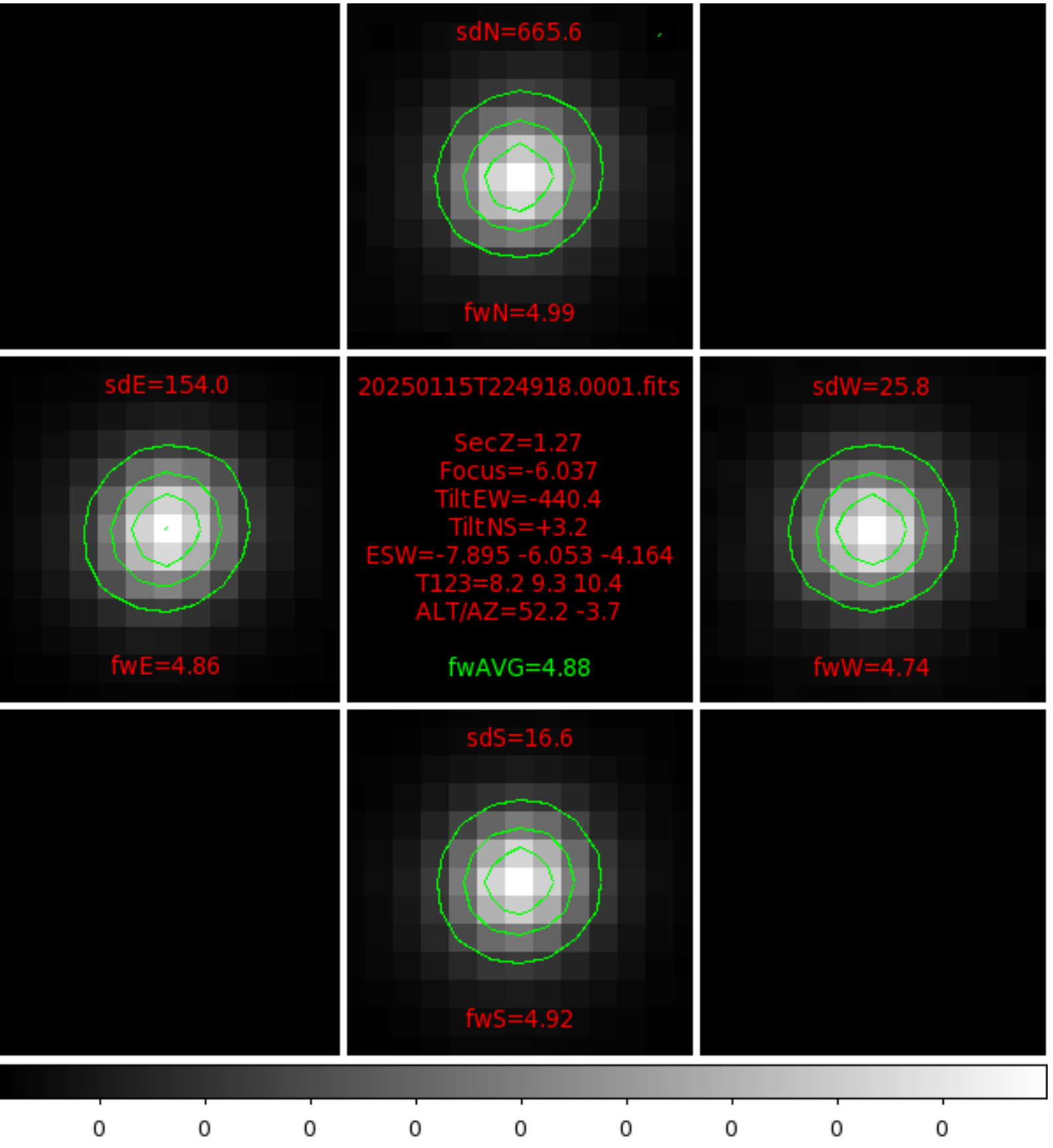
sdN=665.6
fwN=4.99
sdE=154.0
fwE=4.86
20250115T224918.0001.fits
SecZ=1.27
Focus=-6.037
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.895 -6.053 -4.164
T123=8.2 9.3 10.4
ALT/AZ=52.2 -3.7
fwAVG=4.88
sdW=25.8
fwW=4.74
sdS=16.6
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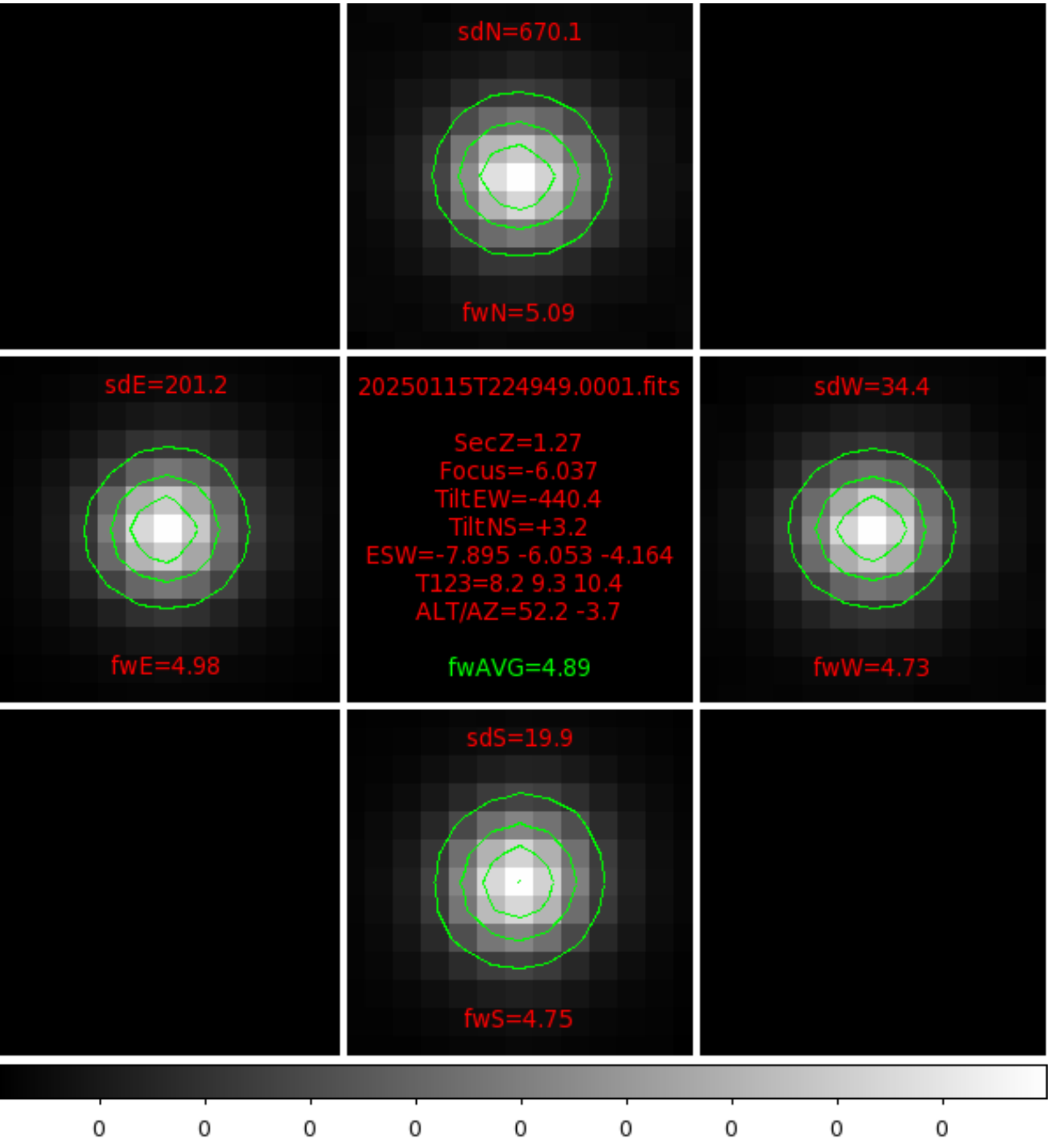
sdN=670.1
fwN=5.09
sdE=201.2
fwE=4.98
20250115T224949.0001.fits
SecZ=1.27
Focus=-6.037
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.895 -6.053 -4.164
T123=8.2 9.3 10.4
ALT/AZ=52.2 -3.7
fwAVG=4.89
sdW=34.4
fwW=4.73
sdS=19.9
fwS=4.75
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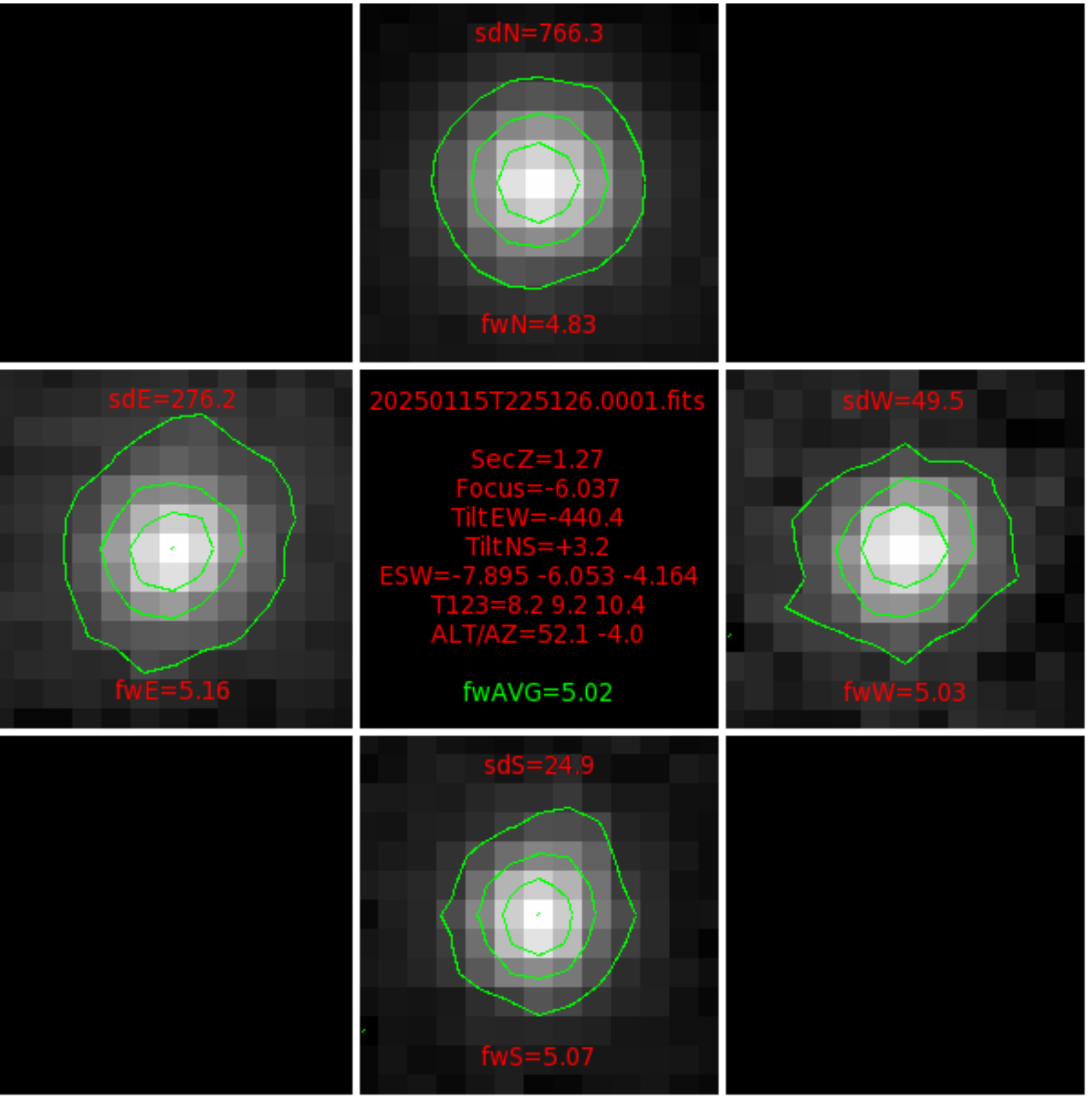
sdN=766.3
fwN=4.83
sdE=276.2
fwE=5.16
20250115T225126.0001.fits
SecZ=1.27
Focus=-6.037
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.895 -6.053 -4.164
T123=8.2 9.2 10.4
ALT/AZ=52.1 -4.0
fwAVG=5.02
sdW=49.5
fwW=5.03
sdS=24.9
fwS=5.07
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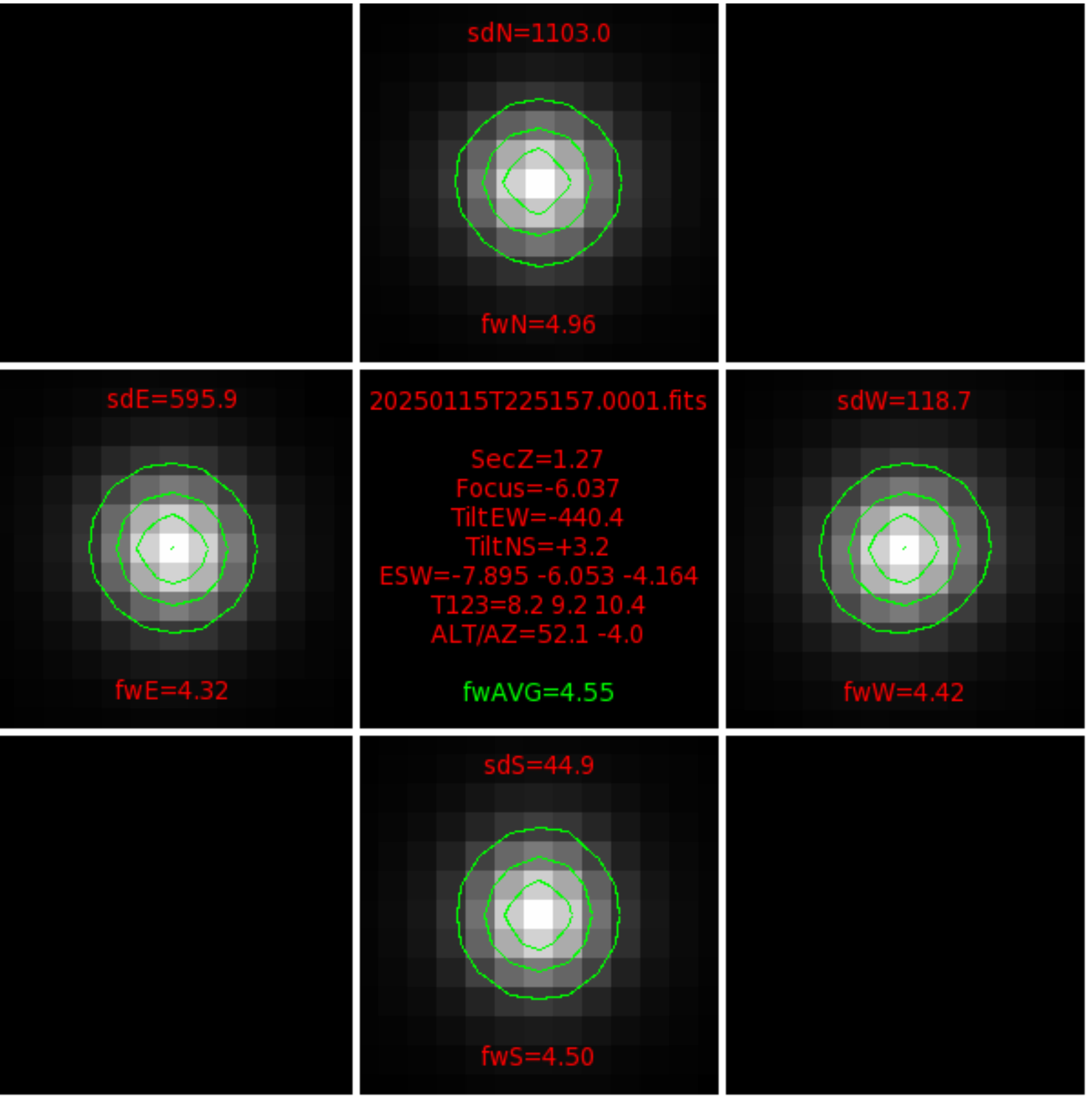
sdN=1103.0
fwN=4.96
sdE=595.9
fwE=4.32
20250115T225157.0001.fits
SecZ=1.27
Focus=-6.037
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.895 -6.053 -4.164
T123=8.2 9.2 10.4
ALT/AZ=52.1 -4.0
fwAVG=4.55
sdW=118.7
fwW=4.42
sdS=44.9
fwS=4.50
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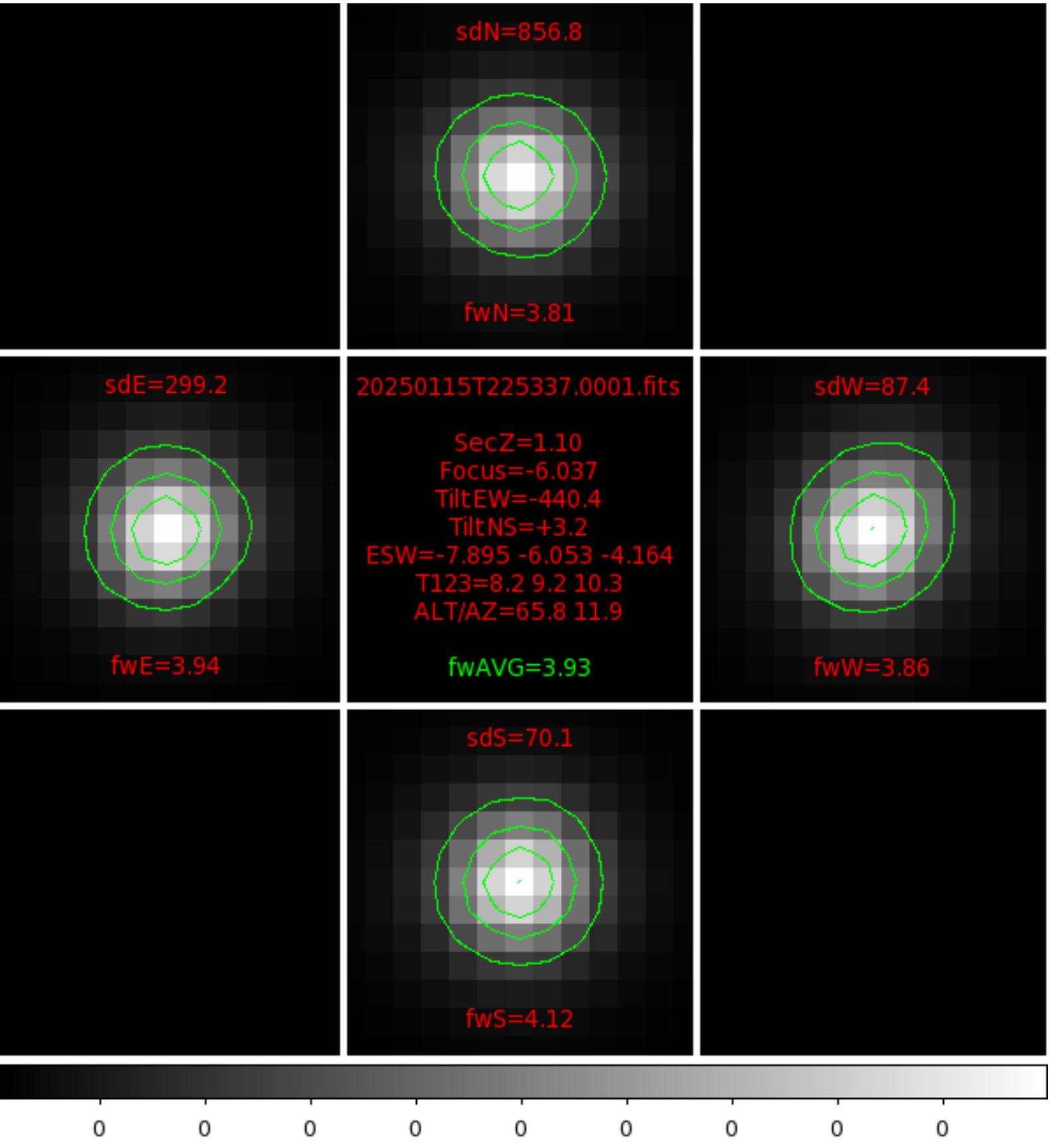
sdN=856.8
fwN=3.81
sdE=299.2
fwE=3.94
20250115T225337.0001.fits
SecZ=1.10
Focus=-6.037
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.895 -6.053 -4.164
T123=8.2 9.2 10.3
ALT/AZ=65.8 11.9
fwAVG=3.93
sdW=87.4
fwW=3.86
sdS=70.1
fwS=4.12
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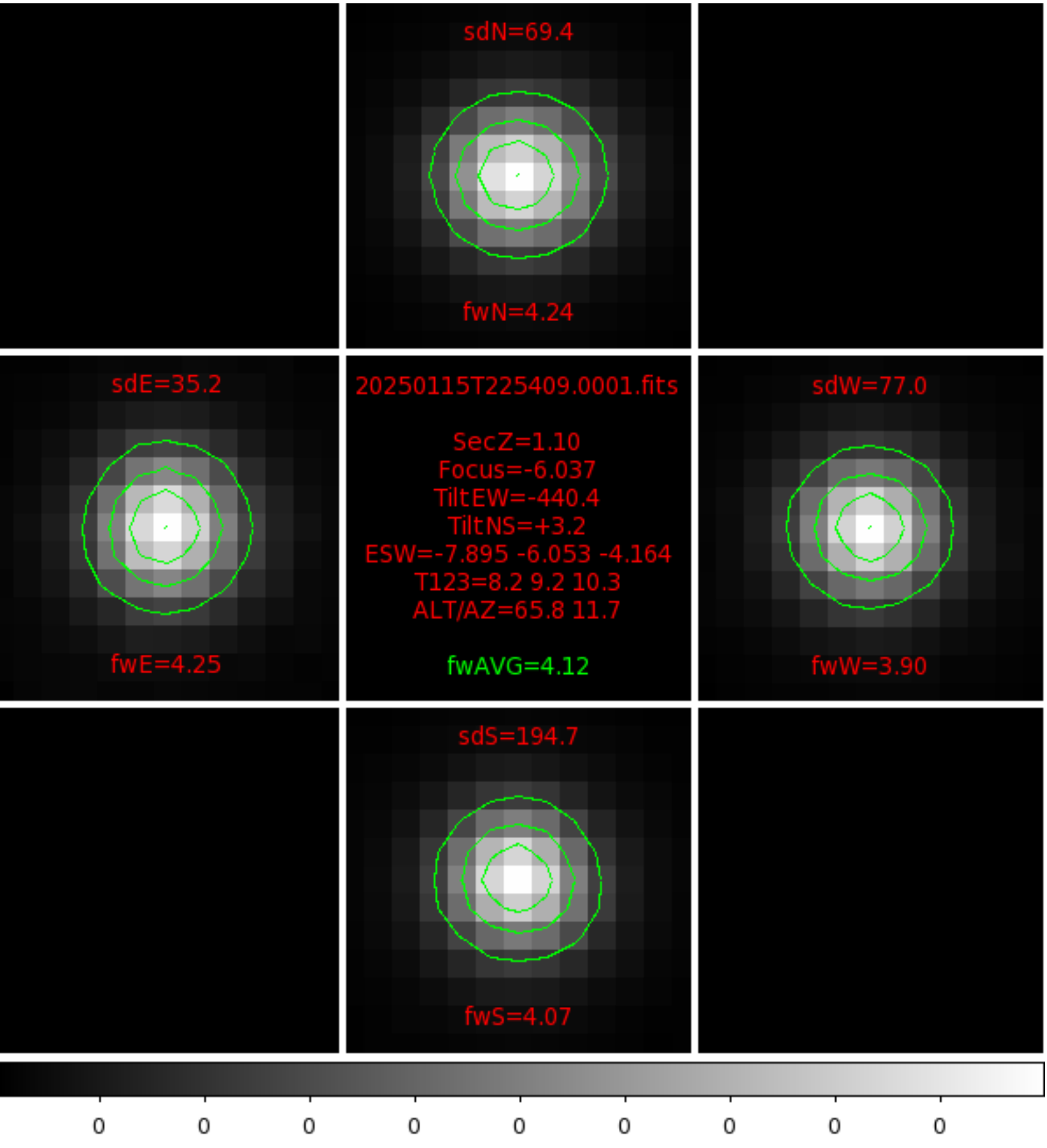
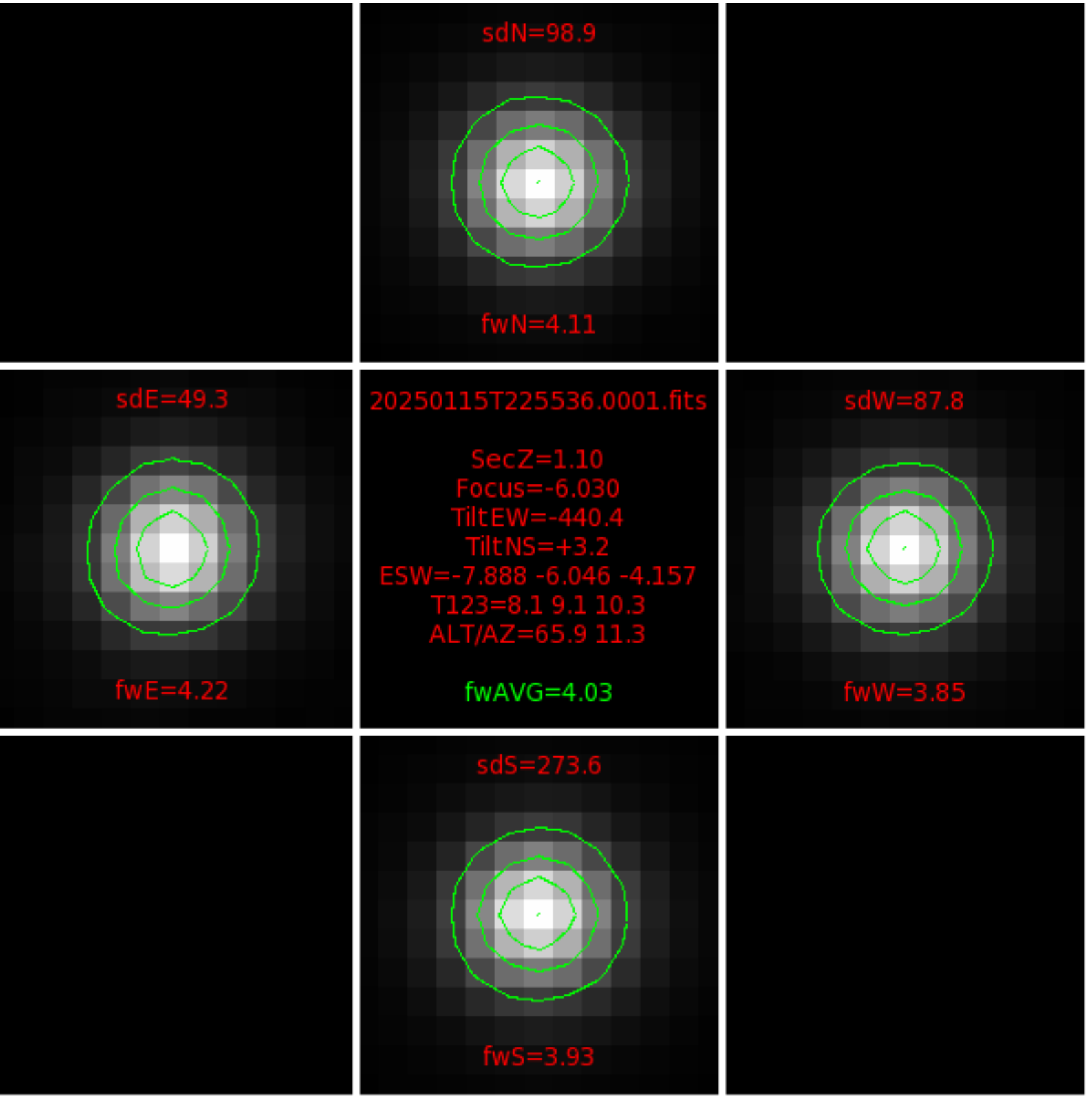

sdN=69.4
fwN=4.24
sdE=35.2
fwE=4.25
20250115T225409.0001.fits
SecZ=1.10
Focus=-6.037
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.895 -6.053 -4.164
T123=8.2 9.2 10.3
ALT/AZ=65.8 11.7
fwAVG=4.12
sdW=77.0
fwW=3.90
sdS=194.7
fwS=4.07
0 0 0 0 0 0 0 0 0


sdN=98.9
fwN=4.11
sdE=49.3
fwE=4.22
20250115T225536.0001.fits
SecZ=1.10
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=8.1 9.1 10.3
ALT/AZ=65.9 11.3
fwAVG=4.03
sdW=87.8
fwW=3.85
sdS=273.6
fwS=3.93
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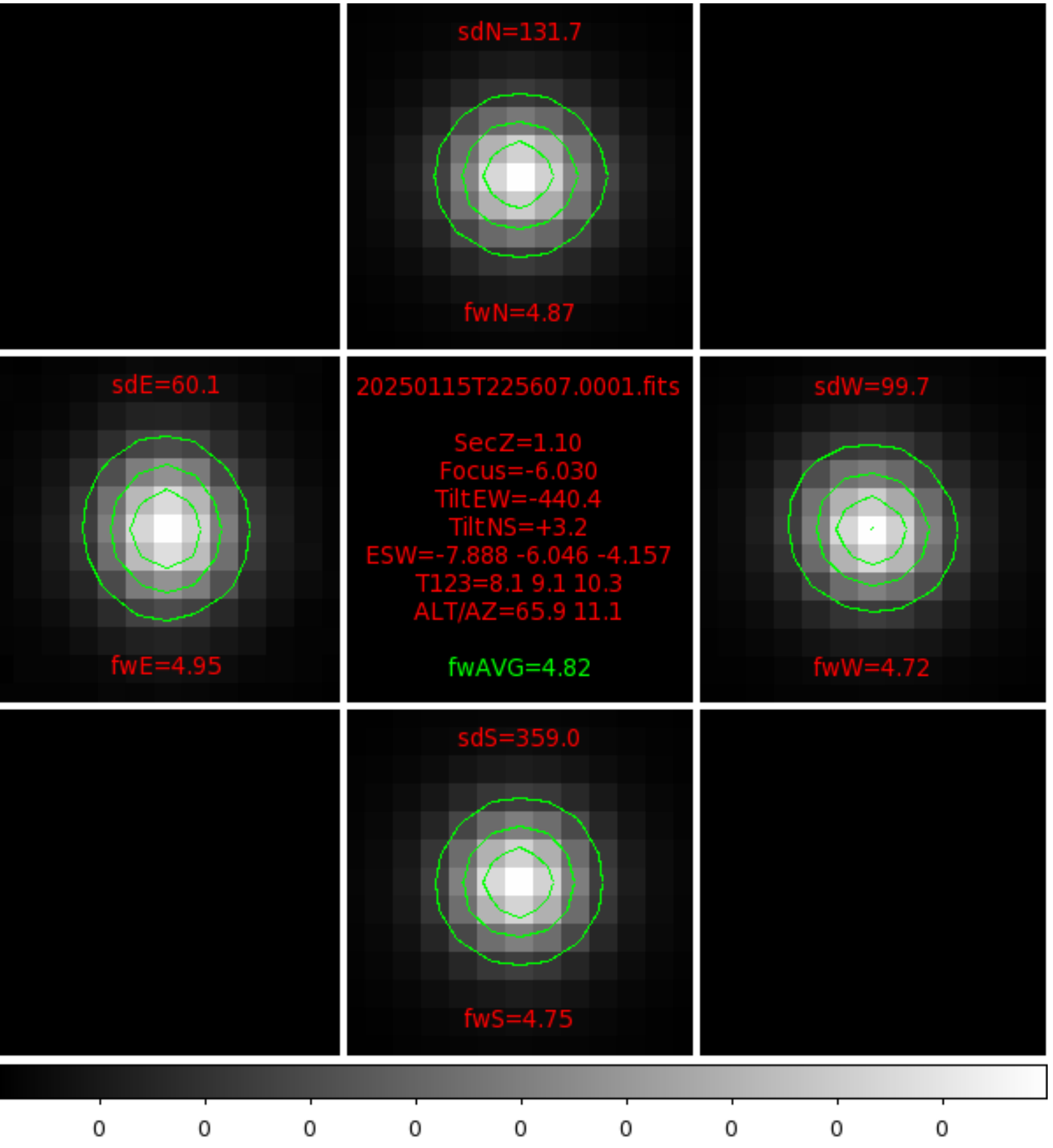
sdN=131.7
fwN=4.87
sdE=60.1
fwE=4.95
20250115T225607.0001.fits
SecZ=1.10
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=8.1 9.1 10.3
ALT/AZ=65.9 11.1
fwAVG=4.82
sdW=99.7
fwW=4.72
sdS=359.0
fwS=4.75
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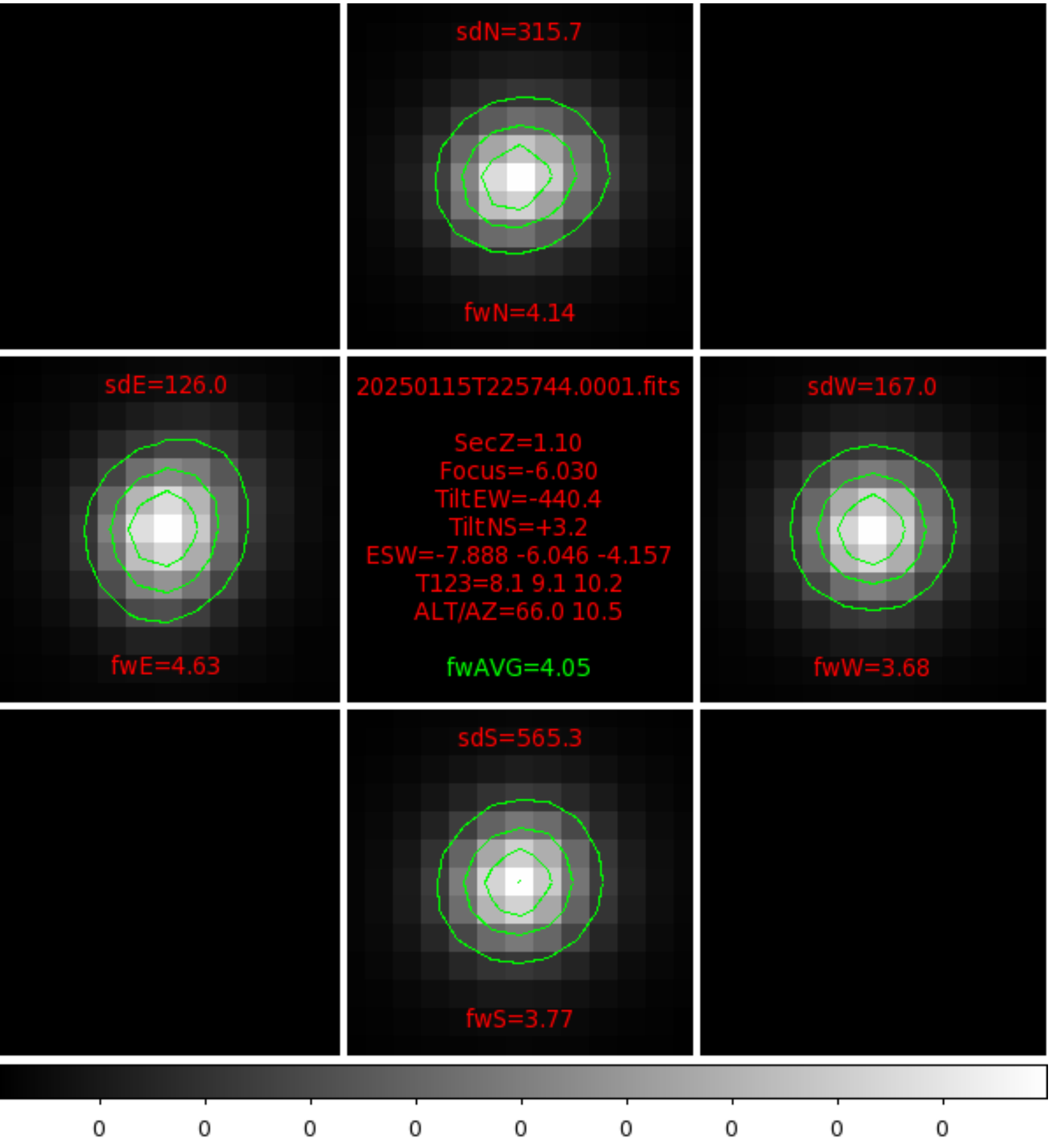
sdN=315.7
fwN=4.14
sdE=126.0
fwE=4.63
20250115T225744.0001.fits
SecZ=1.10
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=8.1 9.1 10.2
ALT/AZ=66.0 10.5
fwAVG=4.05
sdW=167.0
fwW=3.68
sdS=565.3
fwS=3.77
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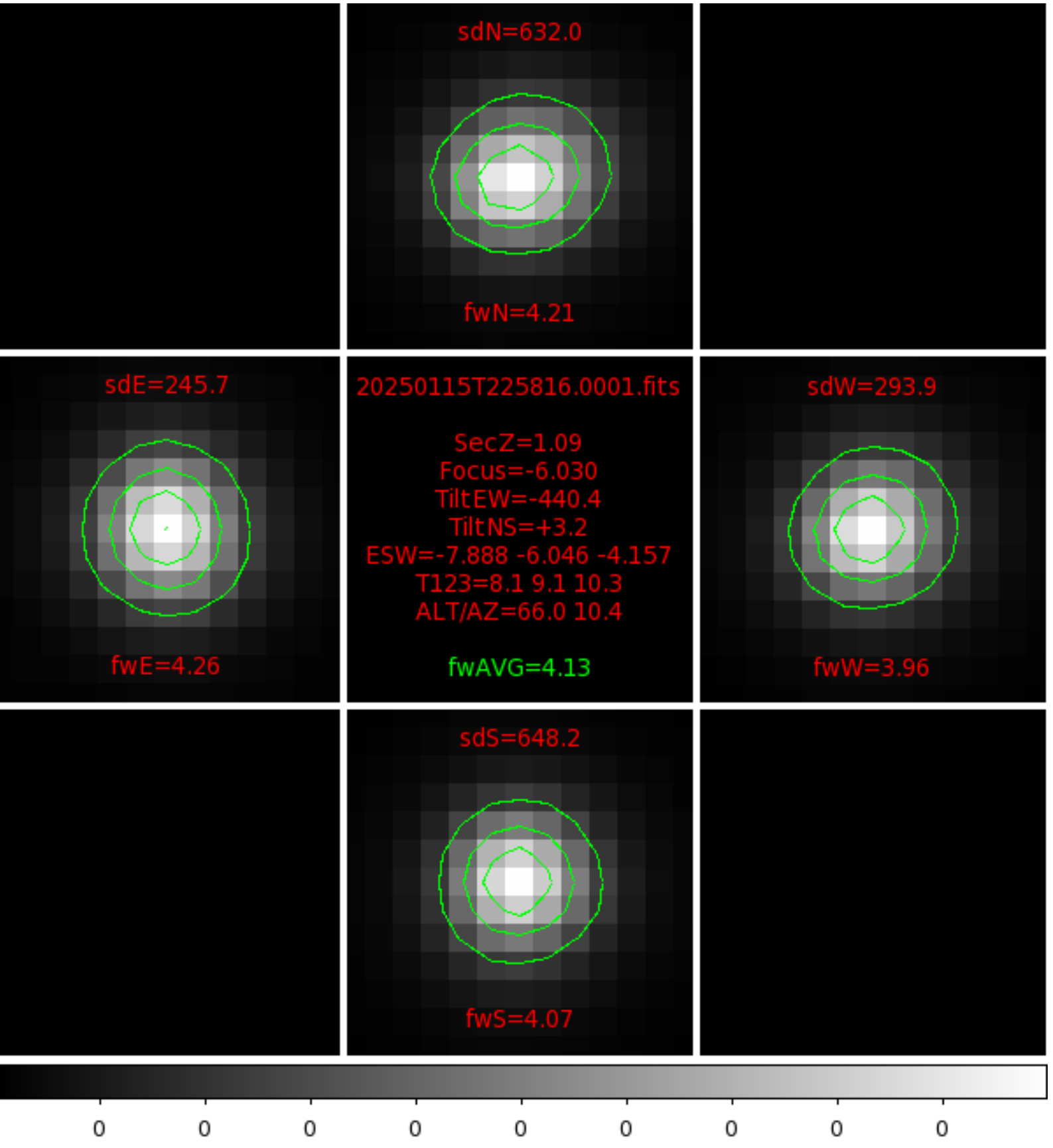
sdN=632.0
fwN=4.21
sdE=245.7
fwE=4.26
20250115T225816.0001.fits
SecZ=1.09
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=8.1 9.1 10.3
ALT/AZ=66.0 10.4
fwAVG=4.13
sdW=293.9
fwW=3.96
sdS=648.2
fwS=4.07
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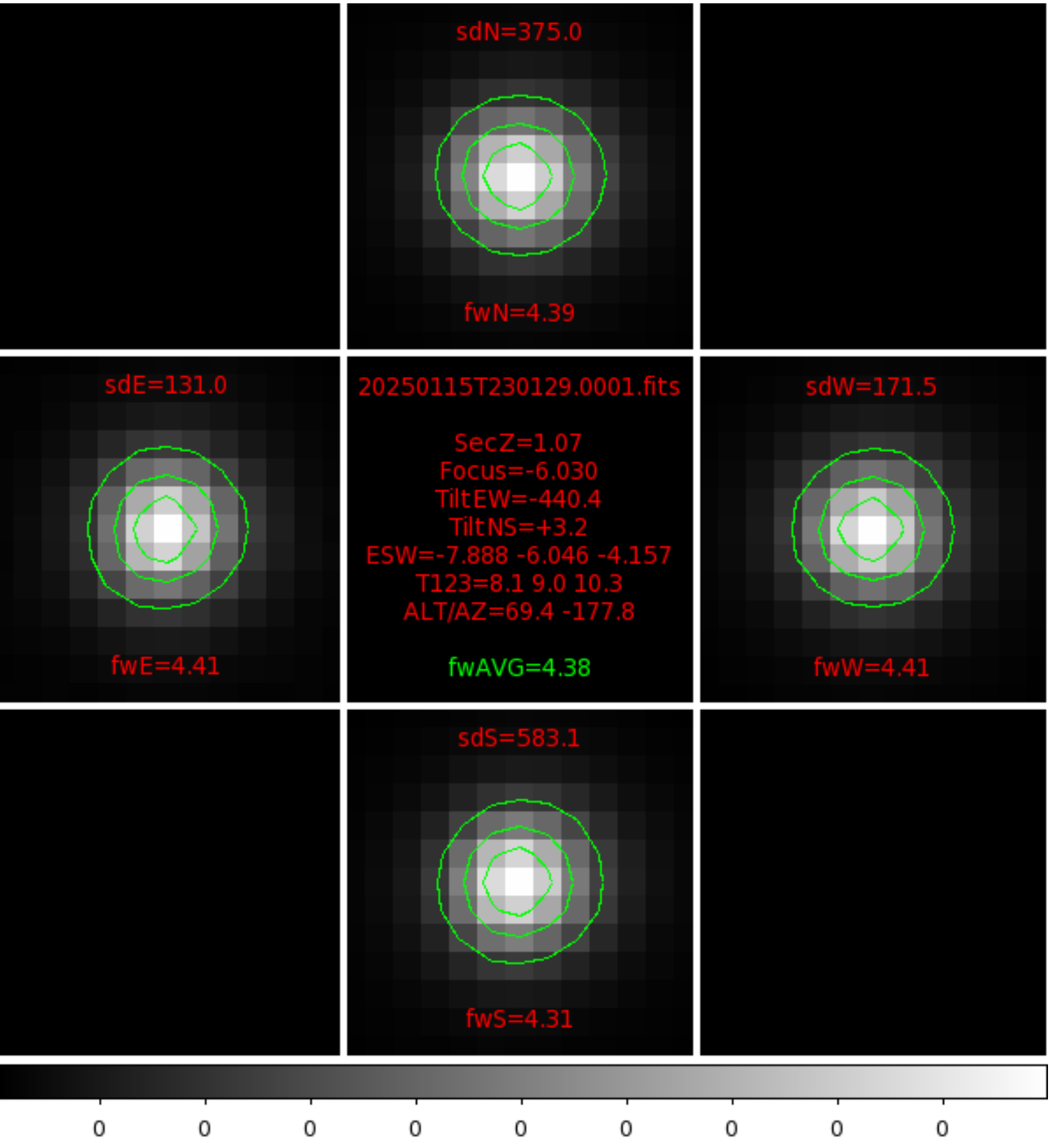
sdN=375.0
fwN=4.39
sdE=131.0
fwE=4.41
20250115T230129.0001.fits
SecZ=1.07
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=8.1 9.0 10.3
ALT/AZ=69.4 -177.8
fwAVG=4.38
sdW=171.5
fwW=4.41
sdS=583.1
fwS=4.31
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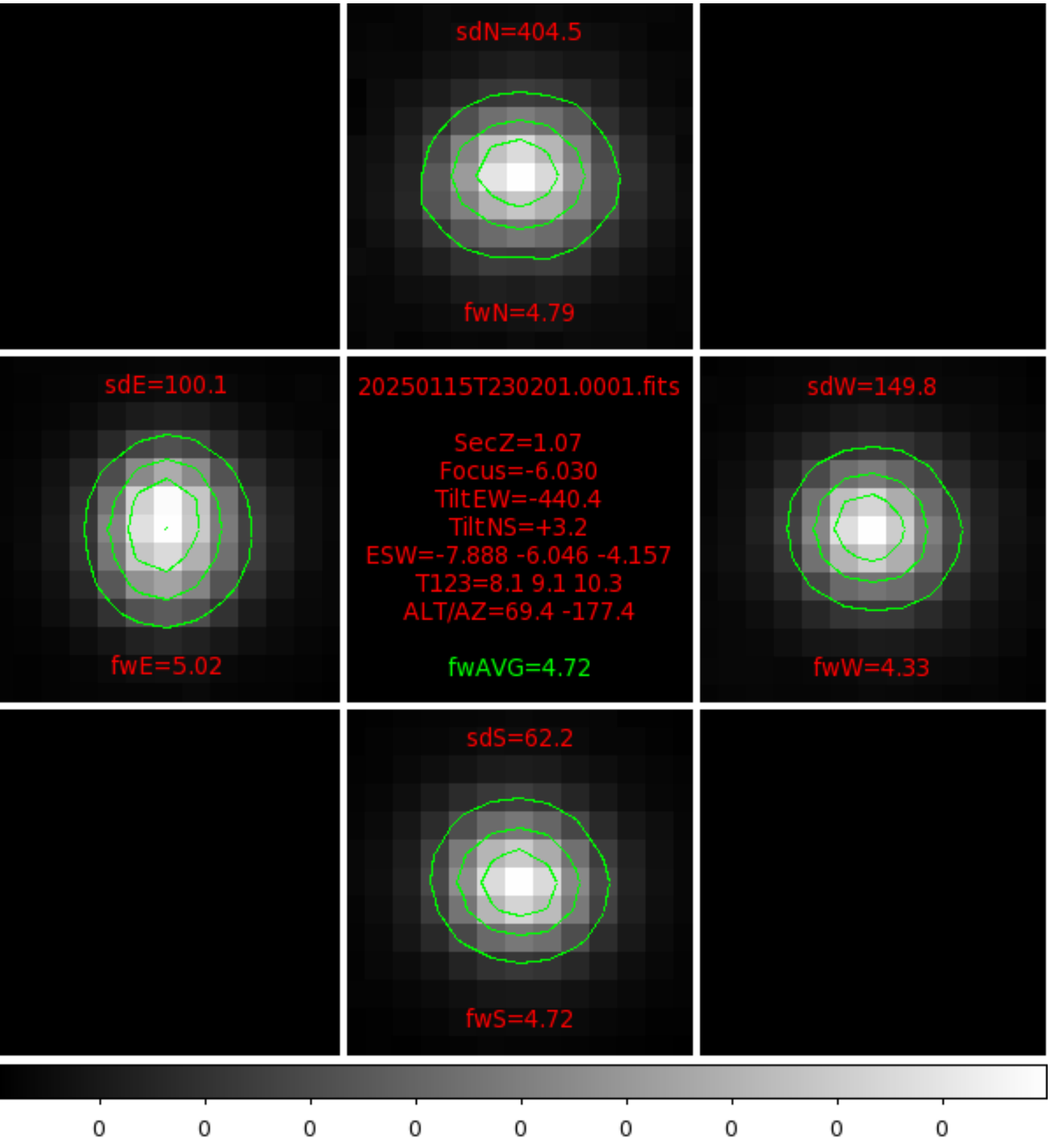
sdN=404.5
fwN=4.79
sdE=100.1
fwE=5.02
20250115T230201.0001.fits
SecZ=1.07
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=8.1 9.1 10.3
ALT/AZ=69.4 -177.4
fwAVG=4.72
sdW=149.8
fwW=4.33
sdS=62.2
fwS=4.72
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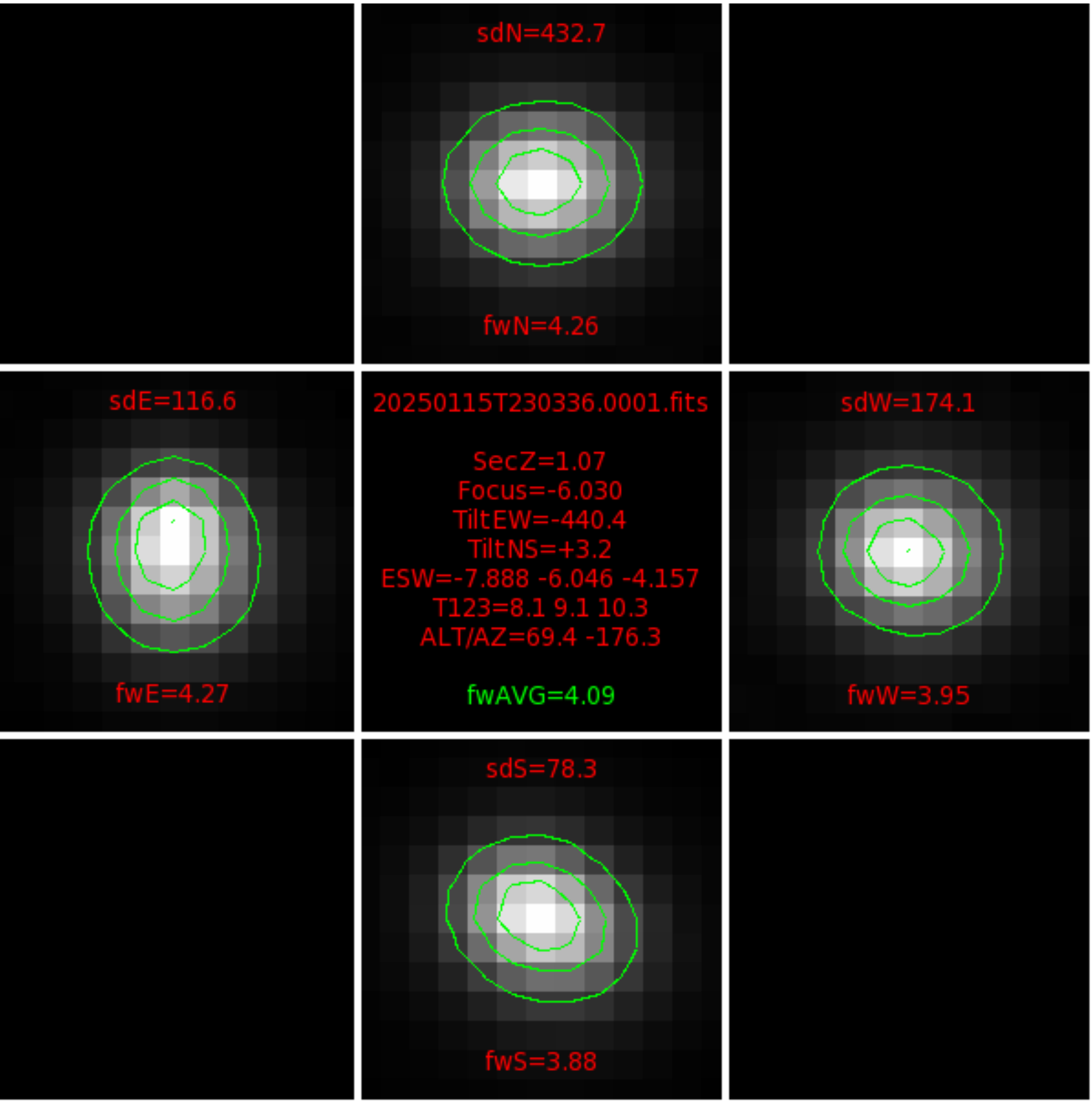
sdN=432.7
fwN=4.26
sdE=116.6
fwE=4.27
20250115T230336.0001.fits
SecZ=1.07
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=8.1 9.1 10.3
ALT/AZ=69.4 -176.3
fwAVG=4.09
sdW=174.1
fwW=3.95
sdS=78.3
fwS=3.88
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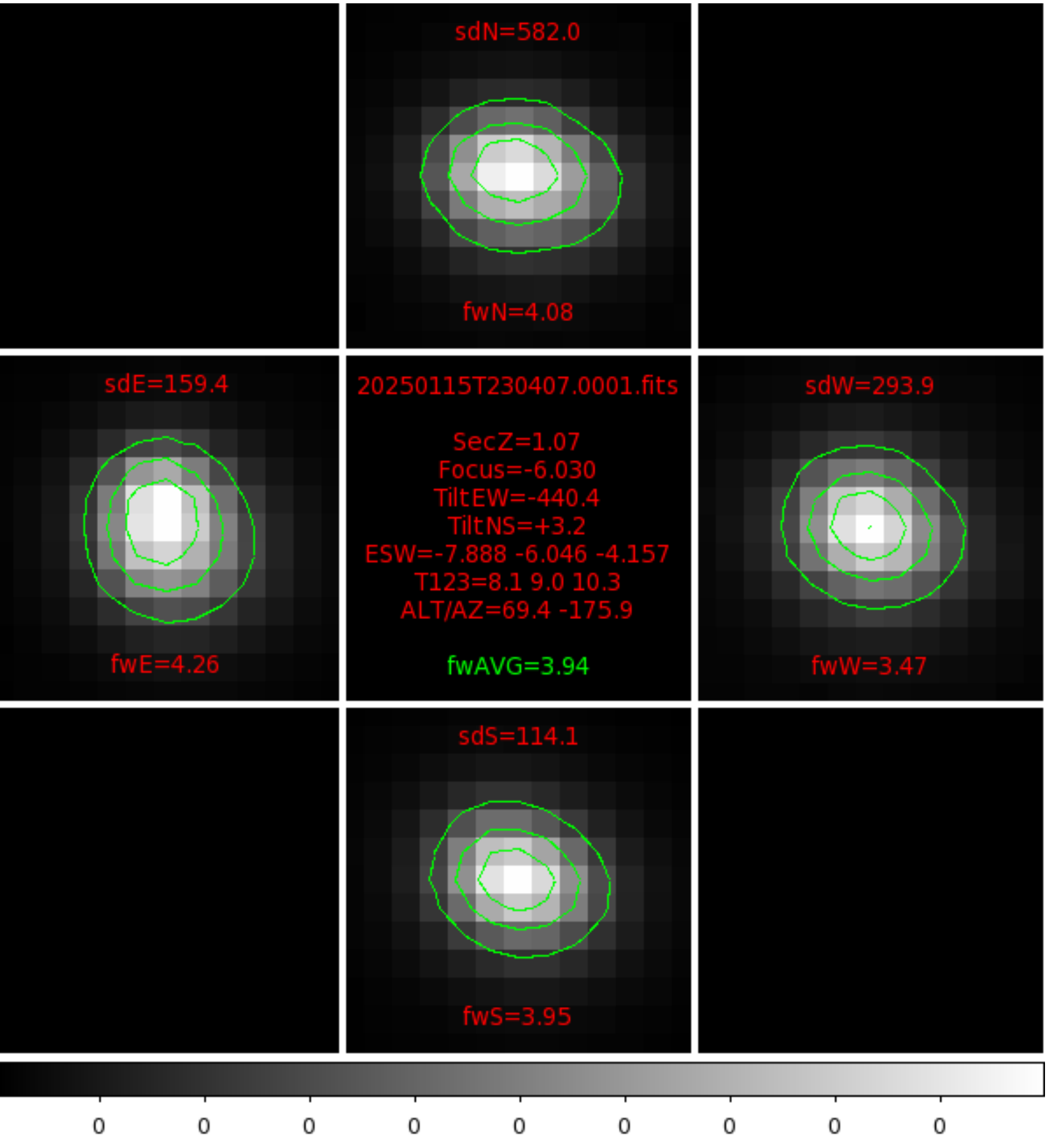
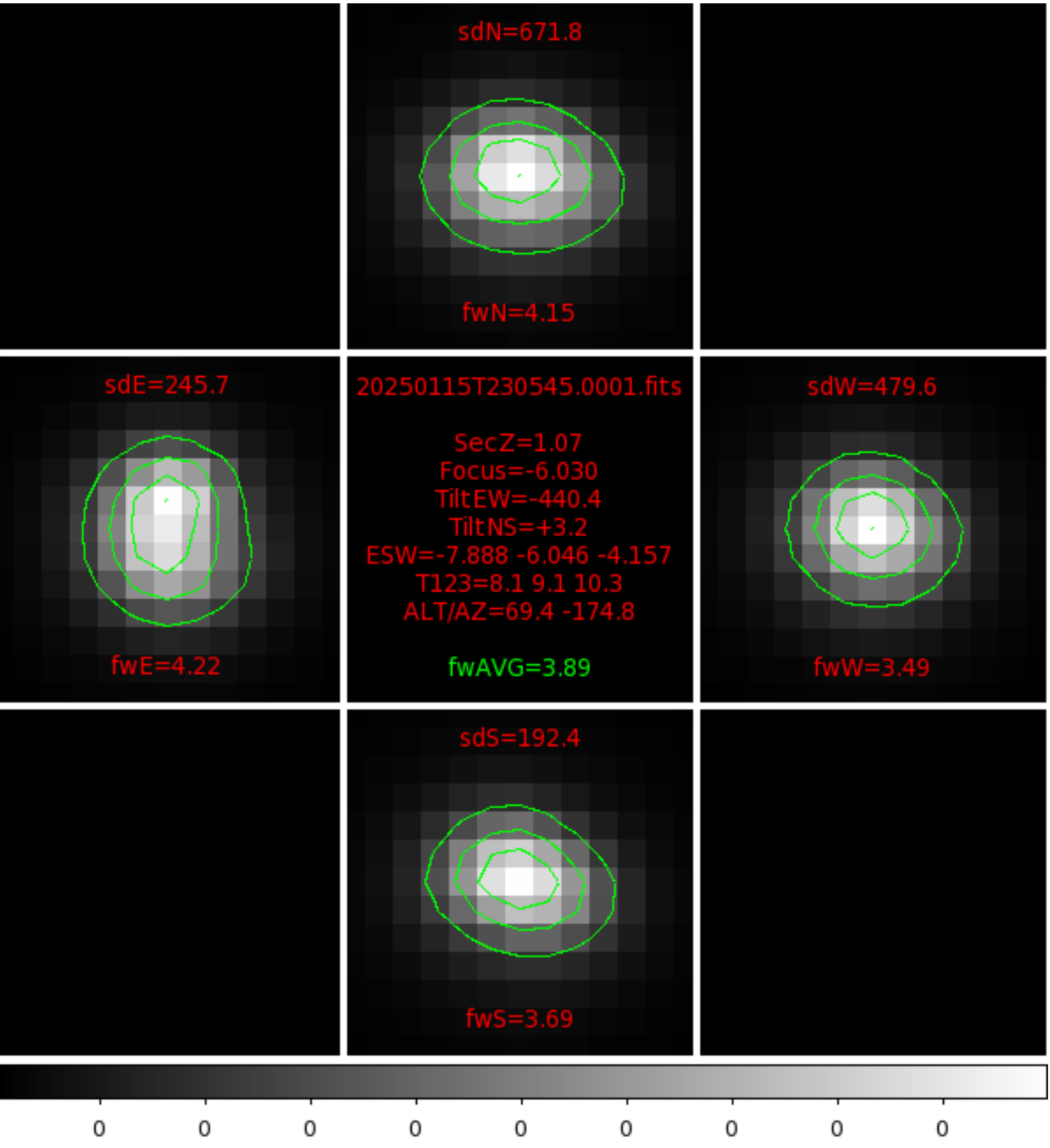

sdN=582.0
fwN=4.08
sdE=159.4
fwE=4.26
20250115T230407.0001.fits
SecZ=1.07
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=8.1 9.0 10.3
ALT/AZ=69.4 -175.9
fwAVG=3.94
sdW=293.9
fwW=3.47
sdS=114.1
fwS=3.95
0 0 0 0 0 0 0 0 0


sdN=671.8
fwN=4.15
sdE=245.7
fwE=4.22
20250115T230545.0001.fits
SecZ=1.07
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=8.1 9.1 10.3
ALT/AZ=69.4 -174.8
fwAVG=3.89
sdW=479.6
fwW=3.49
sdS=192.4
fwS=3.69
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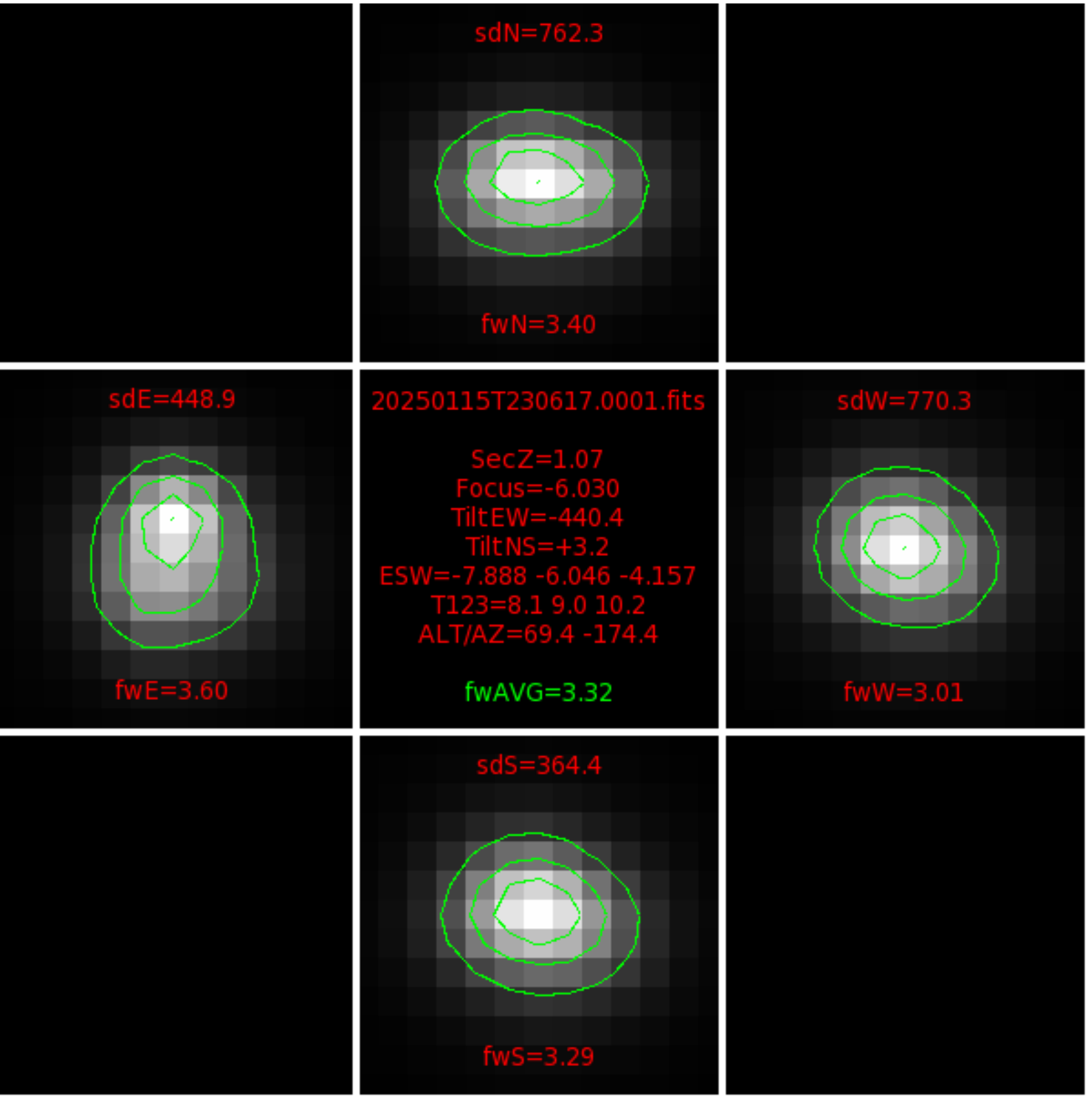
sdN=762.3
fwN=3.40
sdE=448.9
fwE=3.60
20250115T230617.0001.fits
SecZ=1.07
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=8.1 9.0 10.2
ALT/AZ=69.4 -174.4
fwAVG=3.32
sdW=770.3
fwW=3.01
sdS=364.4
fwS=3.29
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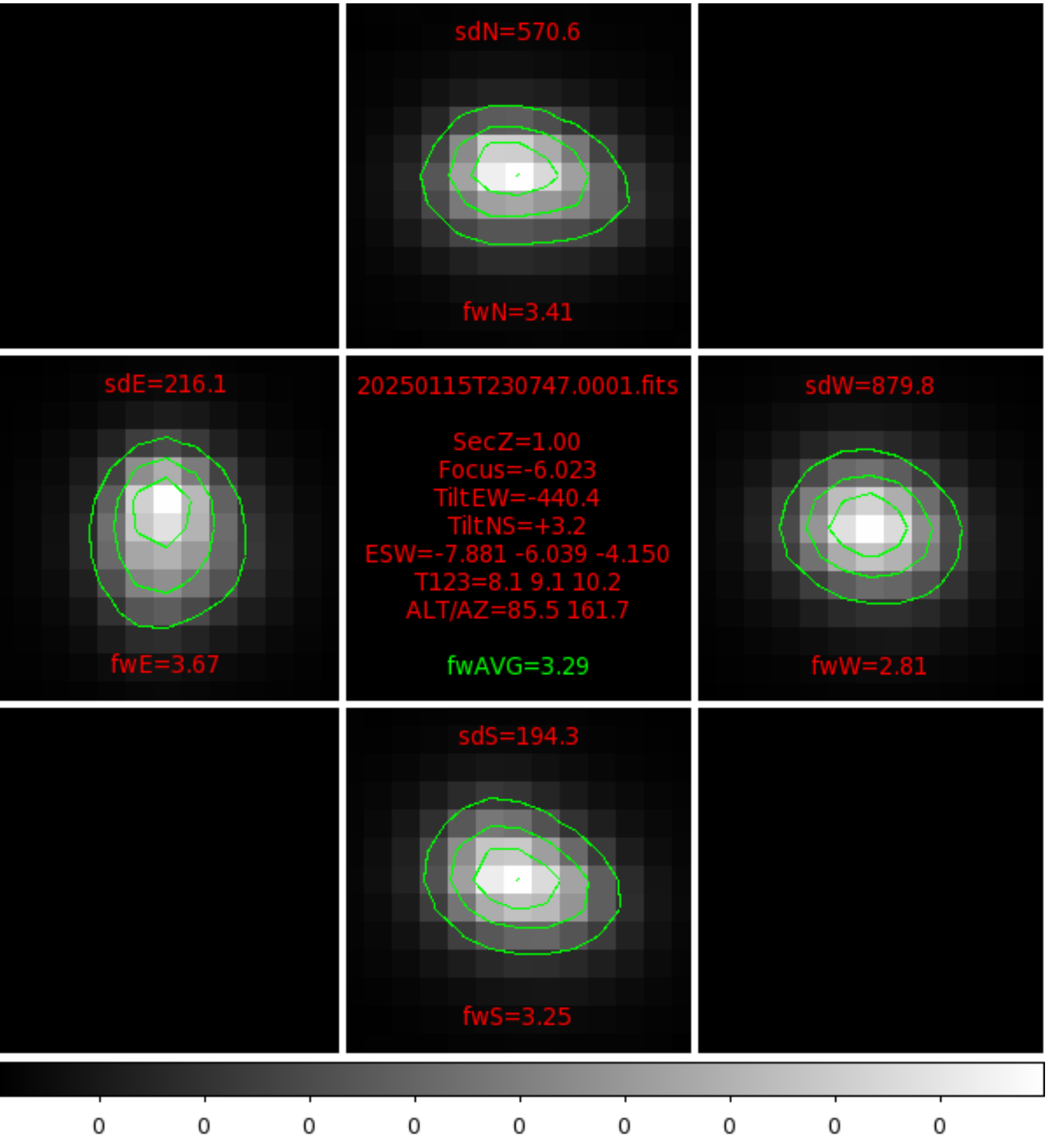
sdN=570.6
fwN=3.41
sdE=216.1
fwE=3.67
20250115T230747.0001.fits
SecZ=1.00
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=8.1 9.1 10.2
ALT/AZ=85.5 161.7
fwAVG=3.29
sdW=879.8
fwW=2.81
sdS=194.3
fwS=3.25
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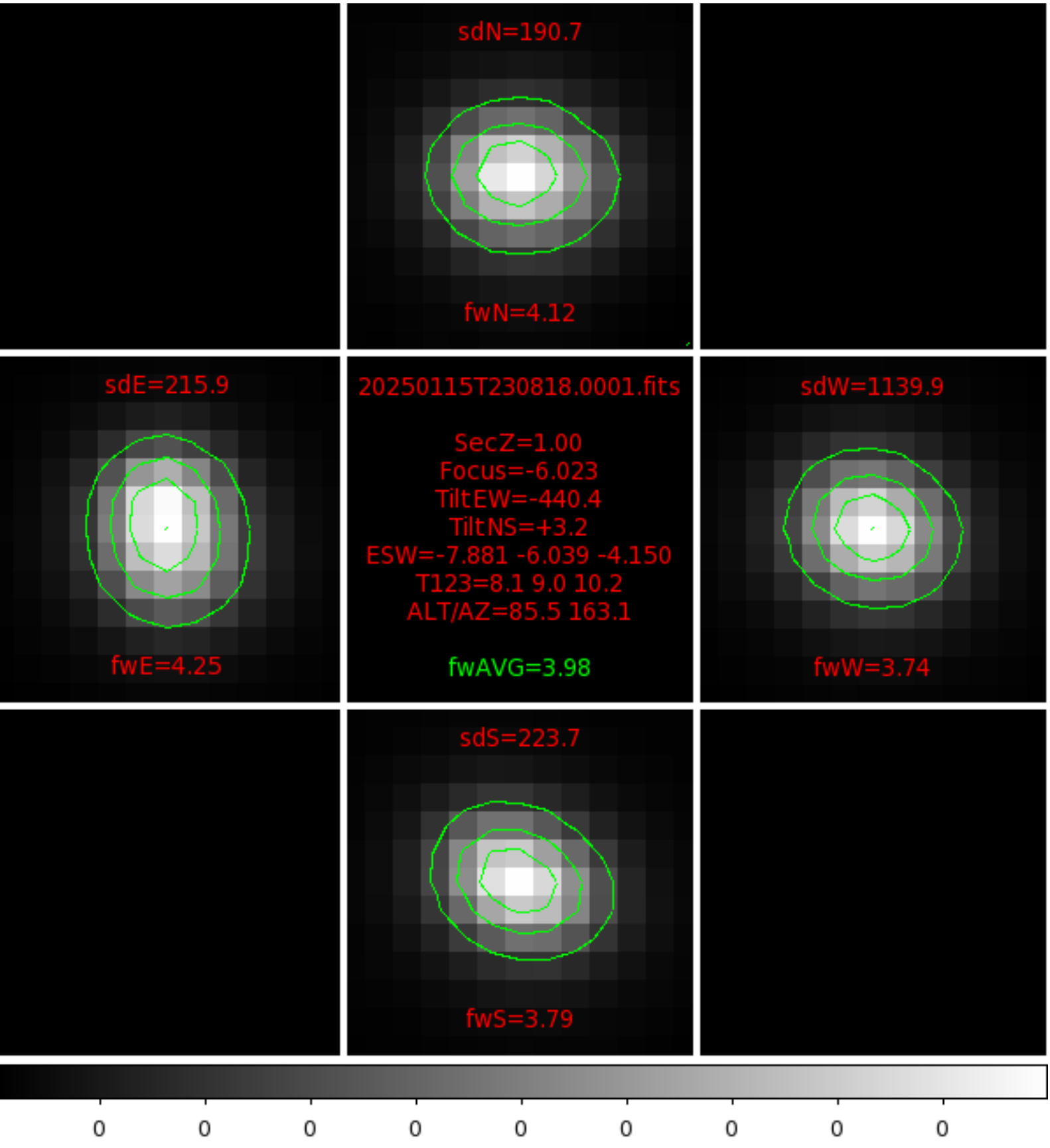
sdN=190.7
fwN=4.12
sdE=215.9
fwE=4.25
20250115T230818.0001.fits
SecZ=1.00
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=8.1 9.0 10.2
ALT/AZ=85.5 163.1
fwAVG=3.98
sdW=1139.9
fwW=3.74
sdS=223.7
fwS=3.79
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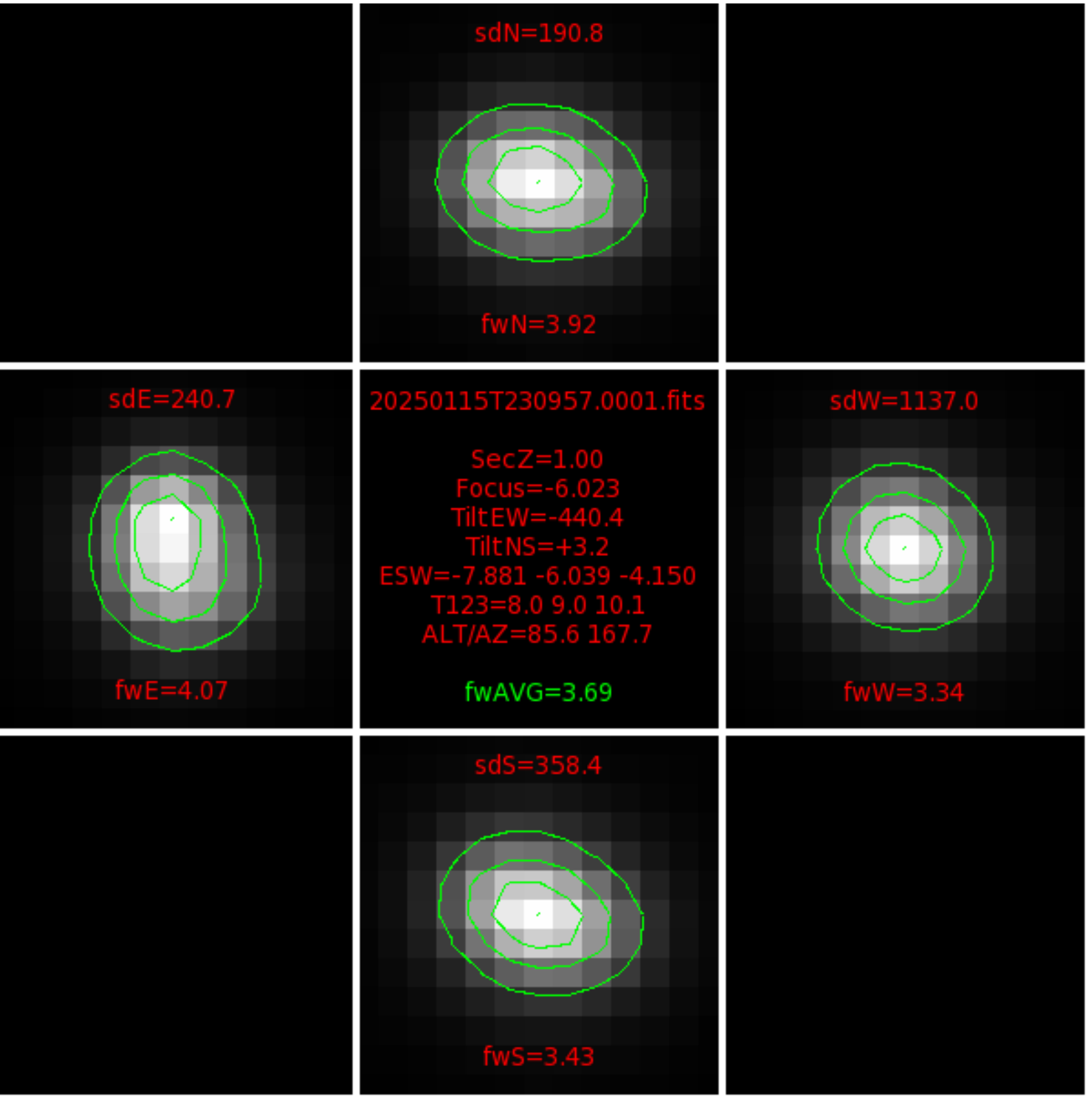
sdN=190.8
fwN=3.92
sdE=240.7
fwE=4.07
20250115T230957.0001.fits
SecZ=1.00
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=8.0 9.0 10.1
ALT/AZ=85.6 167.7
fwAVG=3.69
sdW=1137.0
fwW=3.34
sdS=358.4
fwS=3.43
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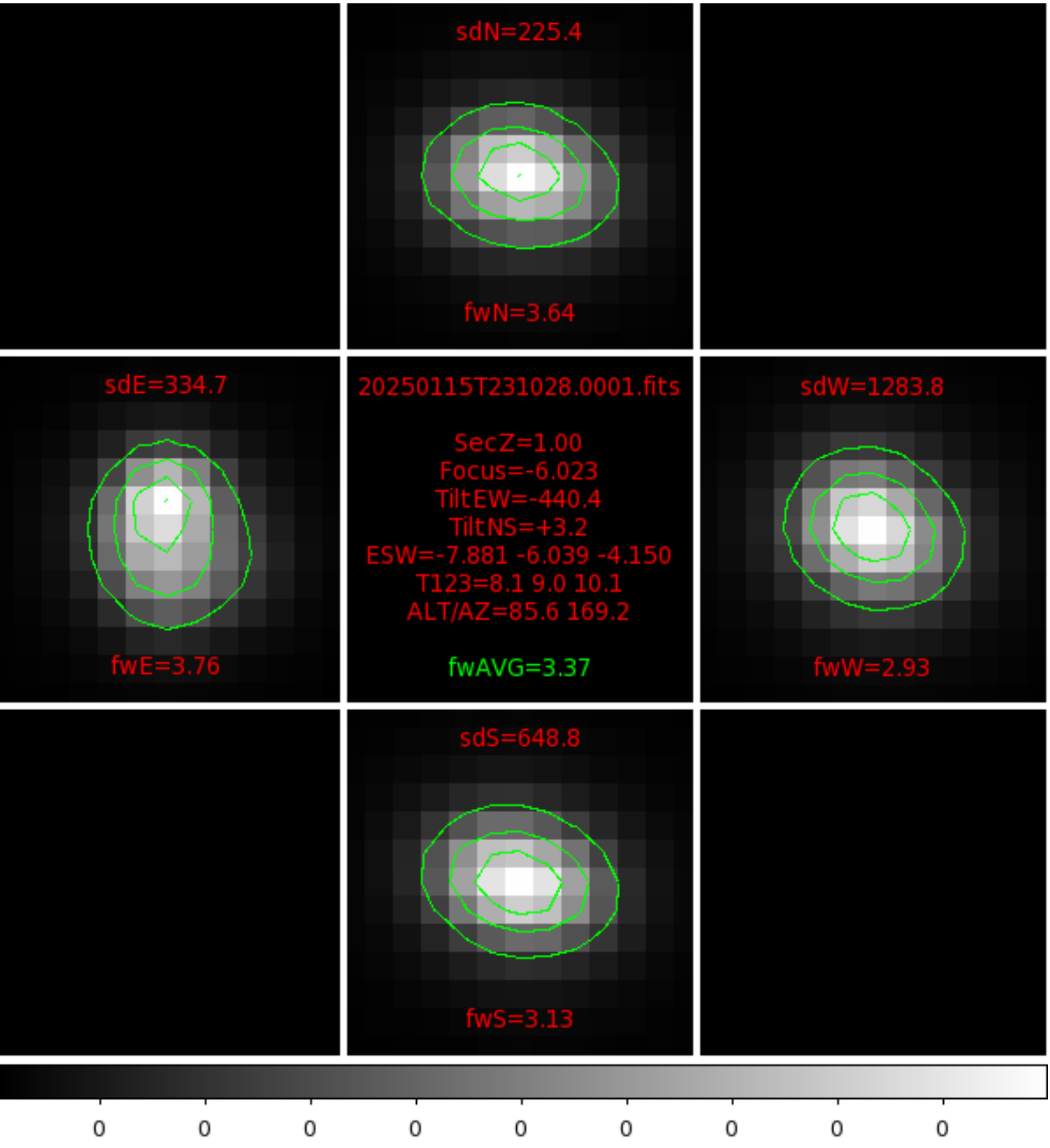
sdN=225.4
fwN=3.64
sdE=334.7
fwE=3.76
20250115T231028.0001.fits
SecZ=1.00
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=8.1 9.0 10.1
ALT/AZ=85.6 169.2
fwAVG=3.37
sdW=1283.8
fwW=2.93
sdS=648.8
fwS=3.13
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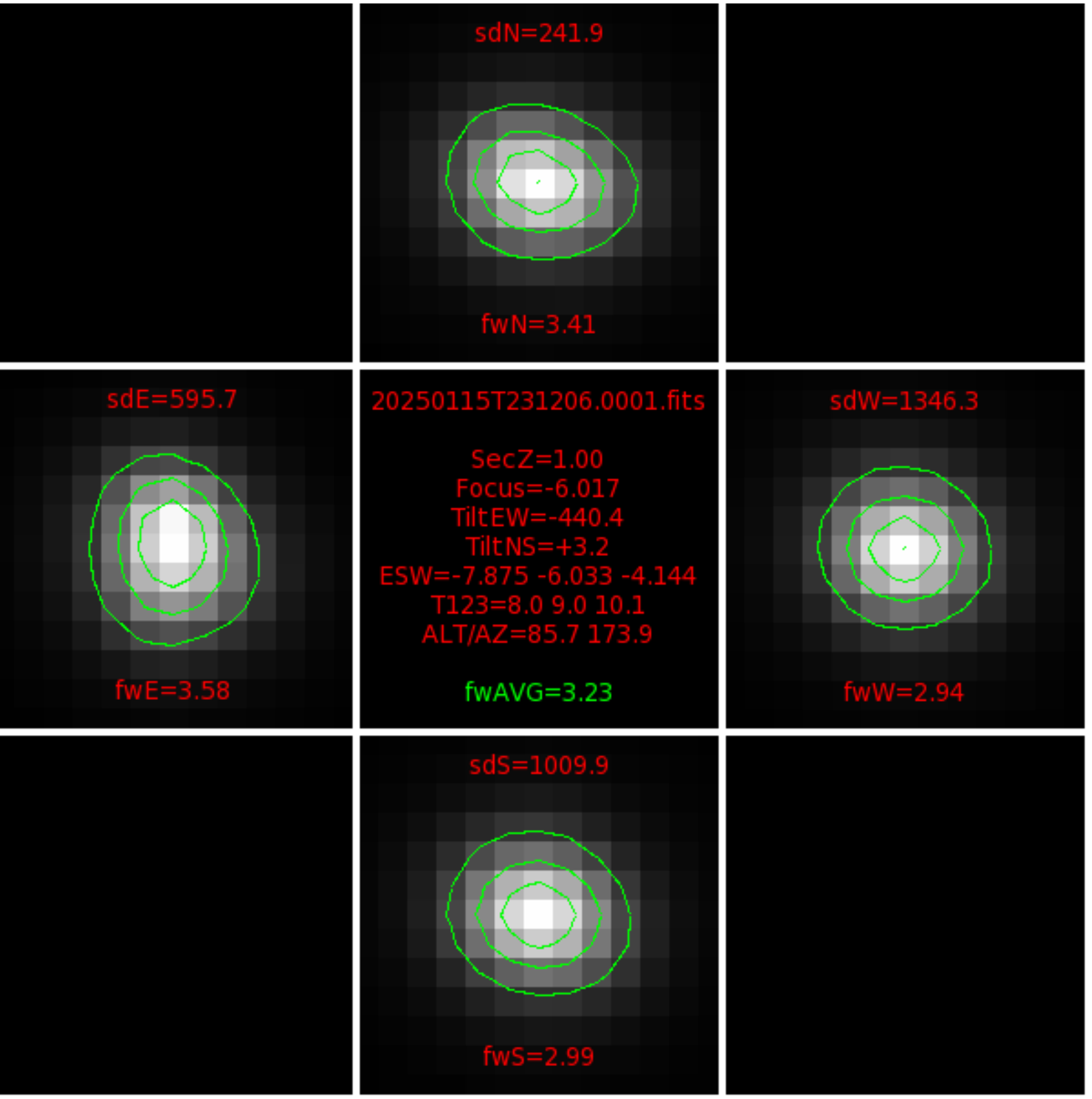
sdN=241.9
fwN=3.41
sdE=595.7
fwE=3.58
20250115T231206.0001.fits
SecZ=1.00
Focus=-6.017
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.875 -6.033 -4.144
T123=8.0 9.0 10.1
ALT/AZ=85.7 173.9
fwAVG=3.23
sdW=1346.3
fwW=2.94
sdS=1009.9
fwS=2.99
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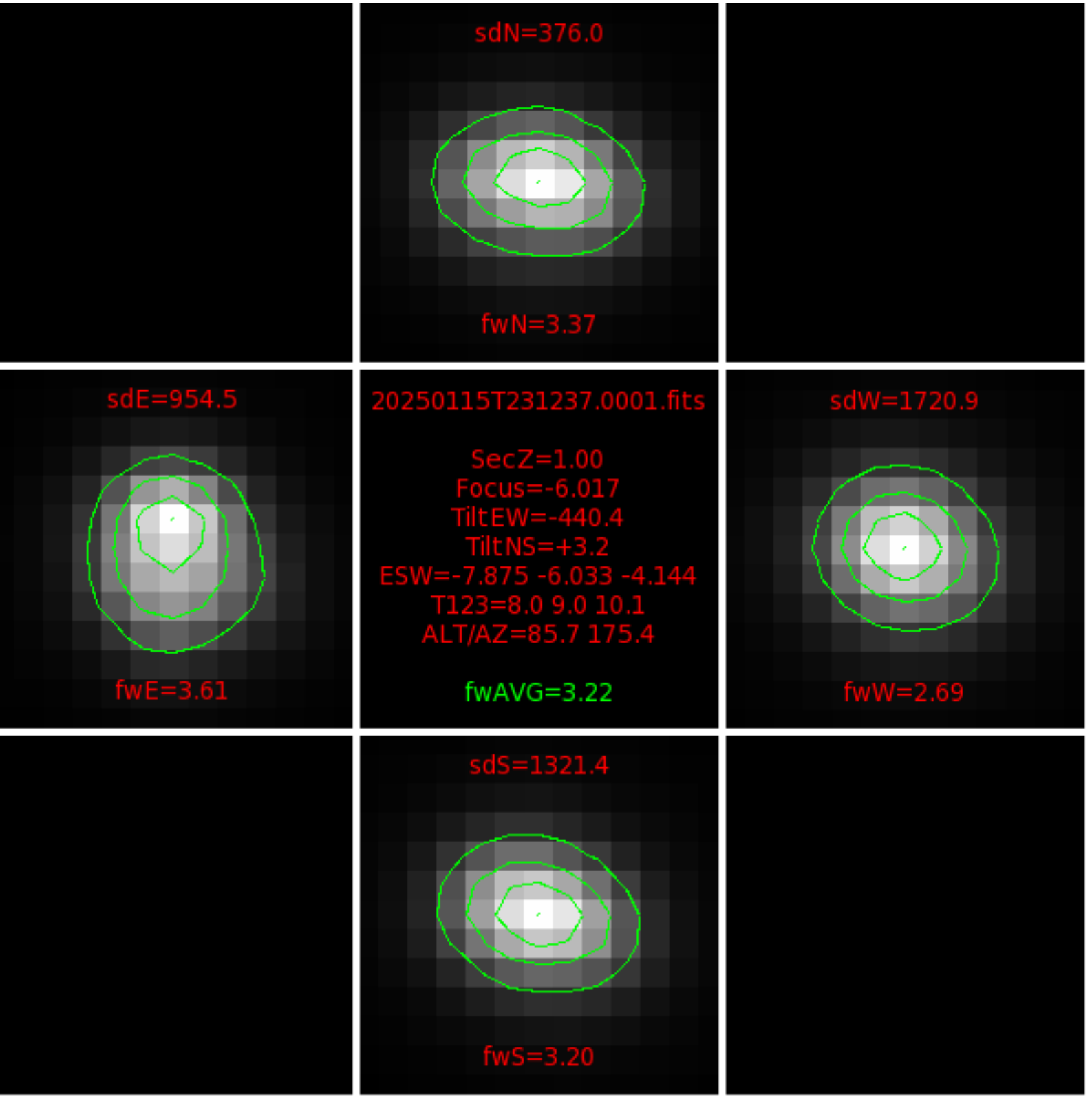
sdN=376.0
fwN=3.37
sdE=954.5
fwE=3.61
20250115T231237.0001.fits
SecZ=1.00
Focus=-6.017
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.875 -6.033 -4.144
T123=8.0 9.0 10.1
ALT/AZ=85.7 175.4
fwAVG=3.22
sdW=1720.9
fwW=2.69
sdS=1321.4
fwS=3.20
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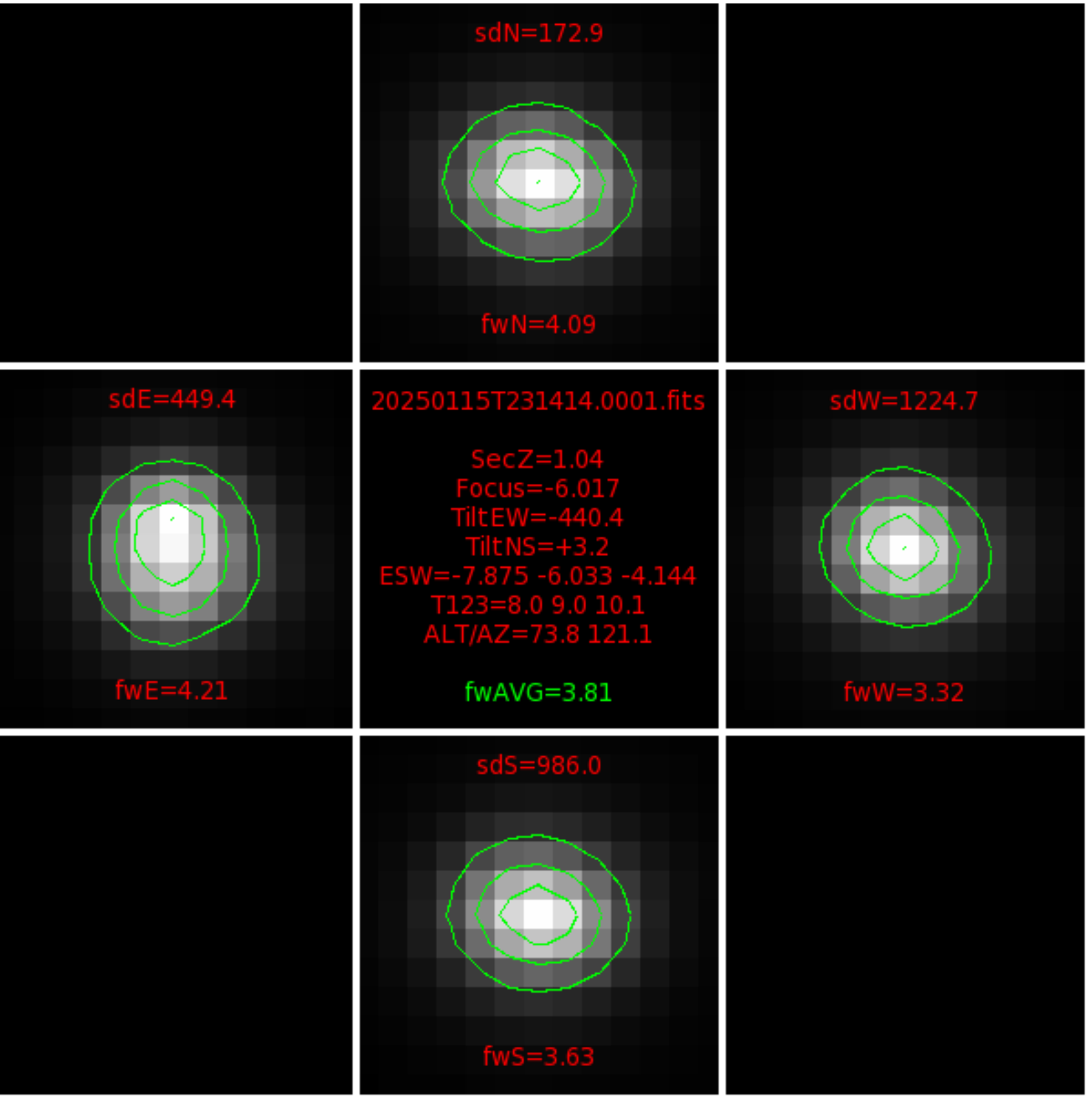
sdN=172.9
fwN=4.09
sdE=449.4
fwE=4.21
20250115T231414.0001.fits
SecZ=1.04
Focus=-6.017
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.875 -6.033 -4.144
T123=8.0 9.0 10.1
ALT/AZ=73.8 121.1
fwAVG=3.81
sdW=1224.7
fwW=3.32
sdS=986.0
fwS=3.63
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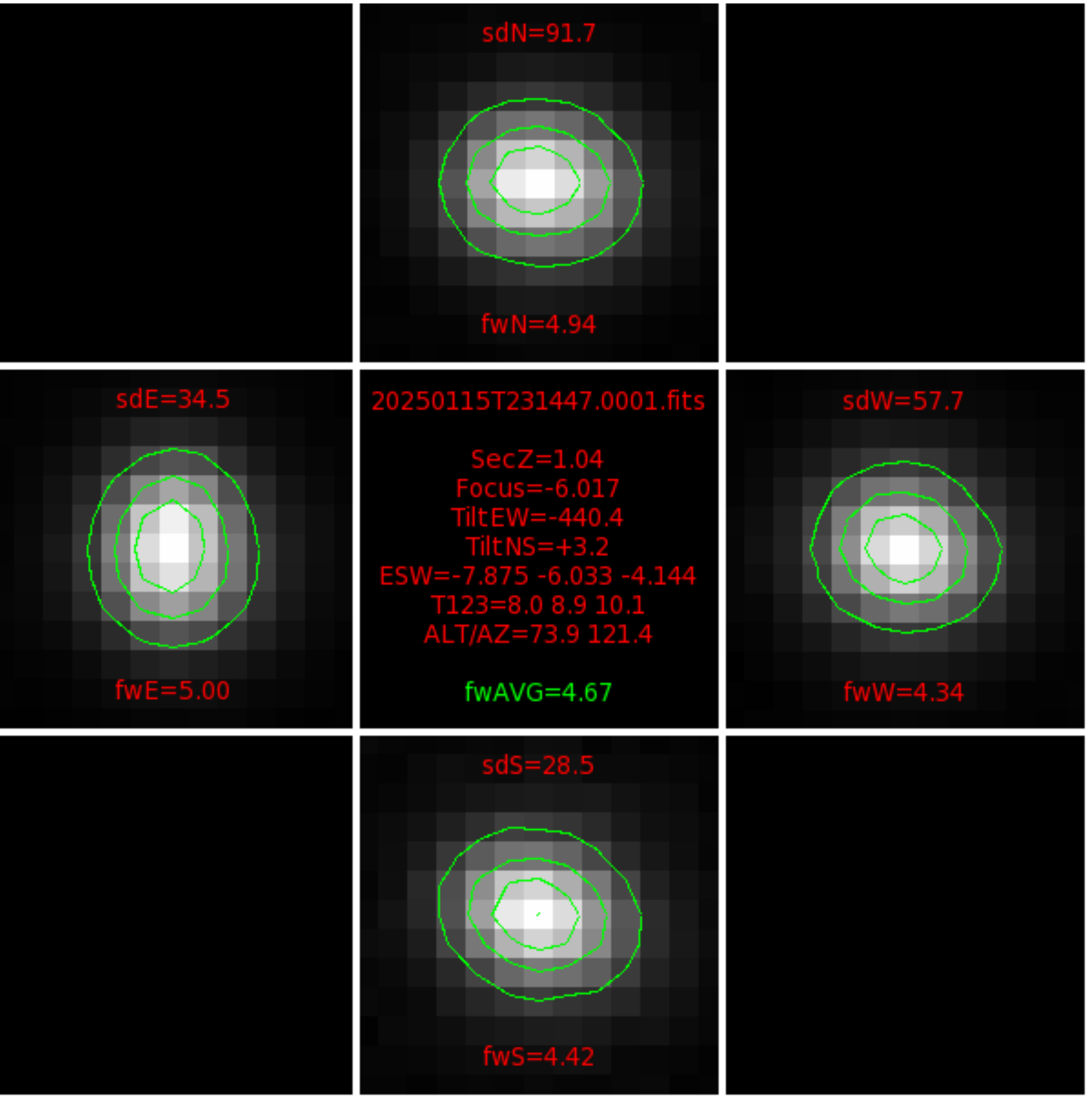
sdN=91.7
fwN=4.94
sdE=34.5
fwE=5.00
20250115T231447.0001.fits
SecZ=1.04
Focus=-6.017
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.875 -6.033 -4.144
T123=8.0 8.9 10.1
ALT/AZ=73.9 121.4
fwAVG=4.67
sdW=57.7
fwW=4.34
sdS=28.5
fwS=4.42
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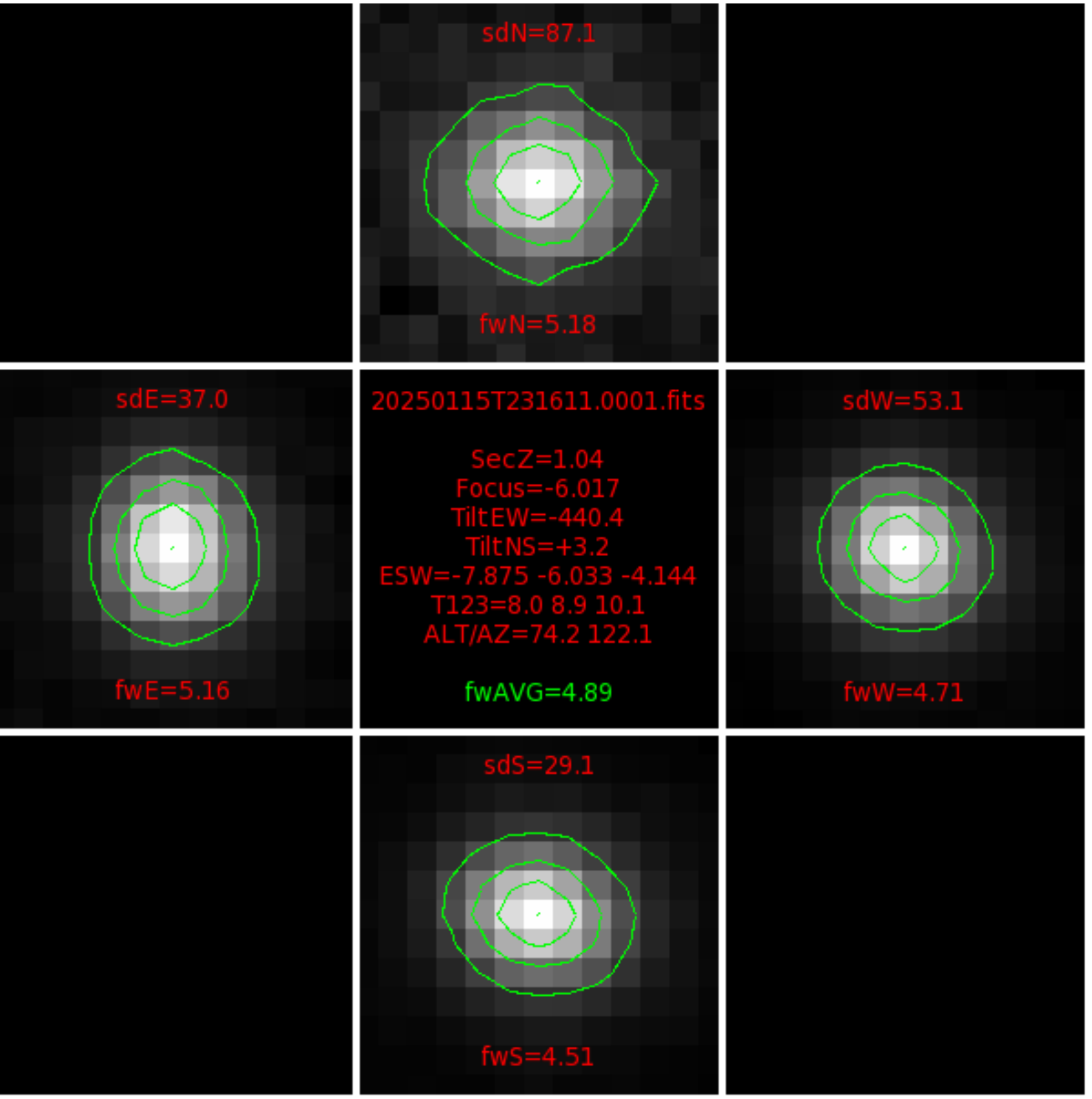
sdN=87.1
fwN=5.18
sdE=37.0
fwE=5.16
20250115T231611.0001.fits
SecZ=1.04
Focus=-6.017
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.875 -6.033 -4.144
T123=8.0 8.9 10.1
ALT/AZ=74.2 122.1
fwAVG=4.89
sdW=53.1
fwW=4.71
sdS=29.1
fwS=4.51
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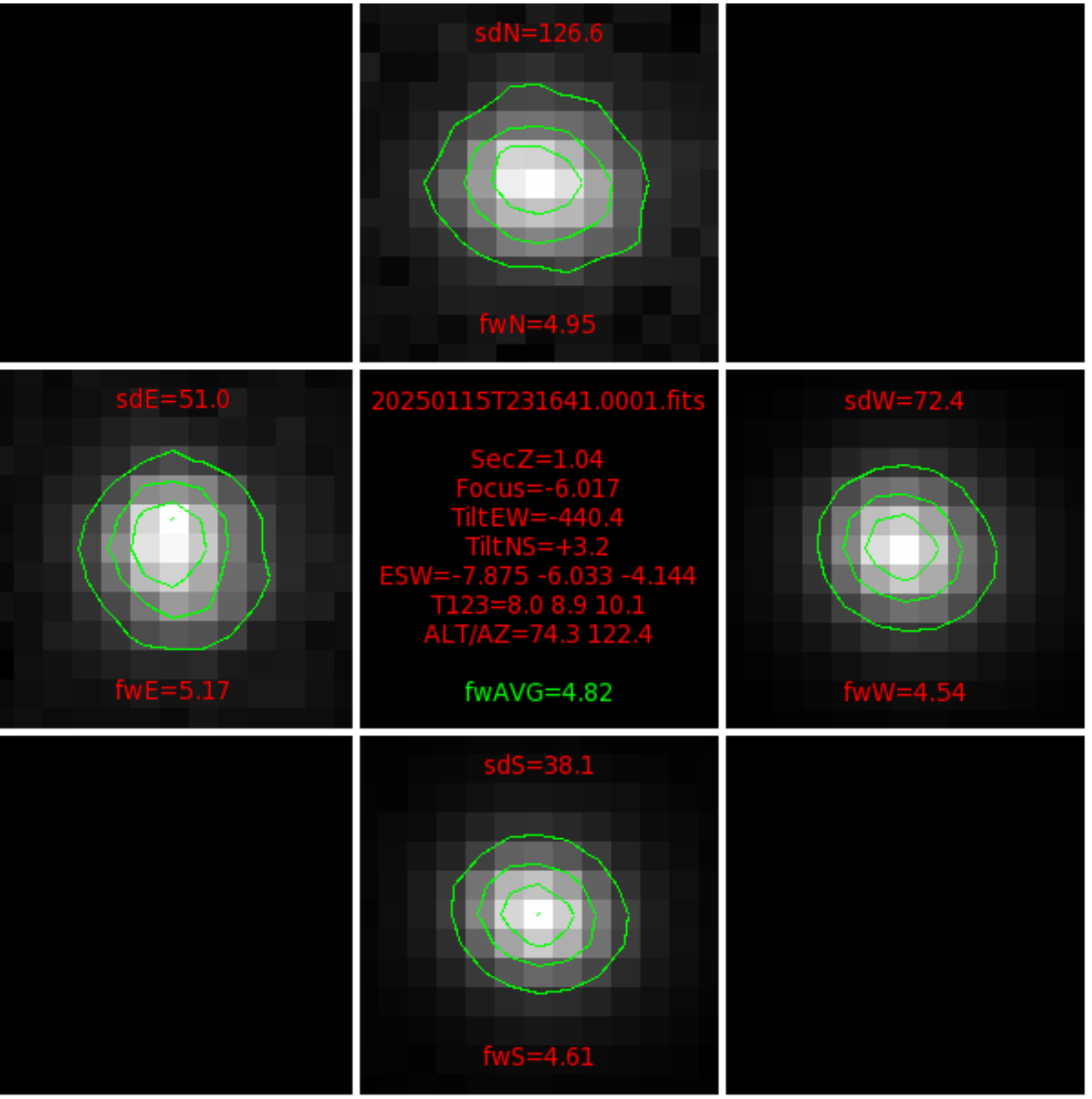
sdN=126.6
fwN=4.95
sdE=51.0
fwE=5.17
20250115T231641.0001.fits
SecZ=1.04
Focus=-6.017
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.875 -6.033 -4.144
T123=8.0 8.9 10.1
ALT/AZ=74.3 122.4
fwAVG=4.82
sdW=72.4
fwW=4.54
sdS=38.1
fwS=4.61
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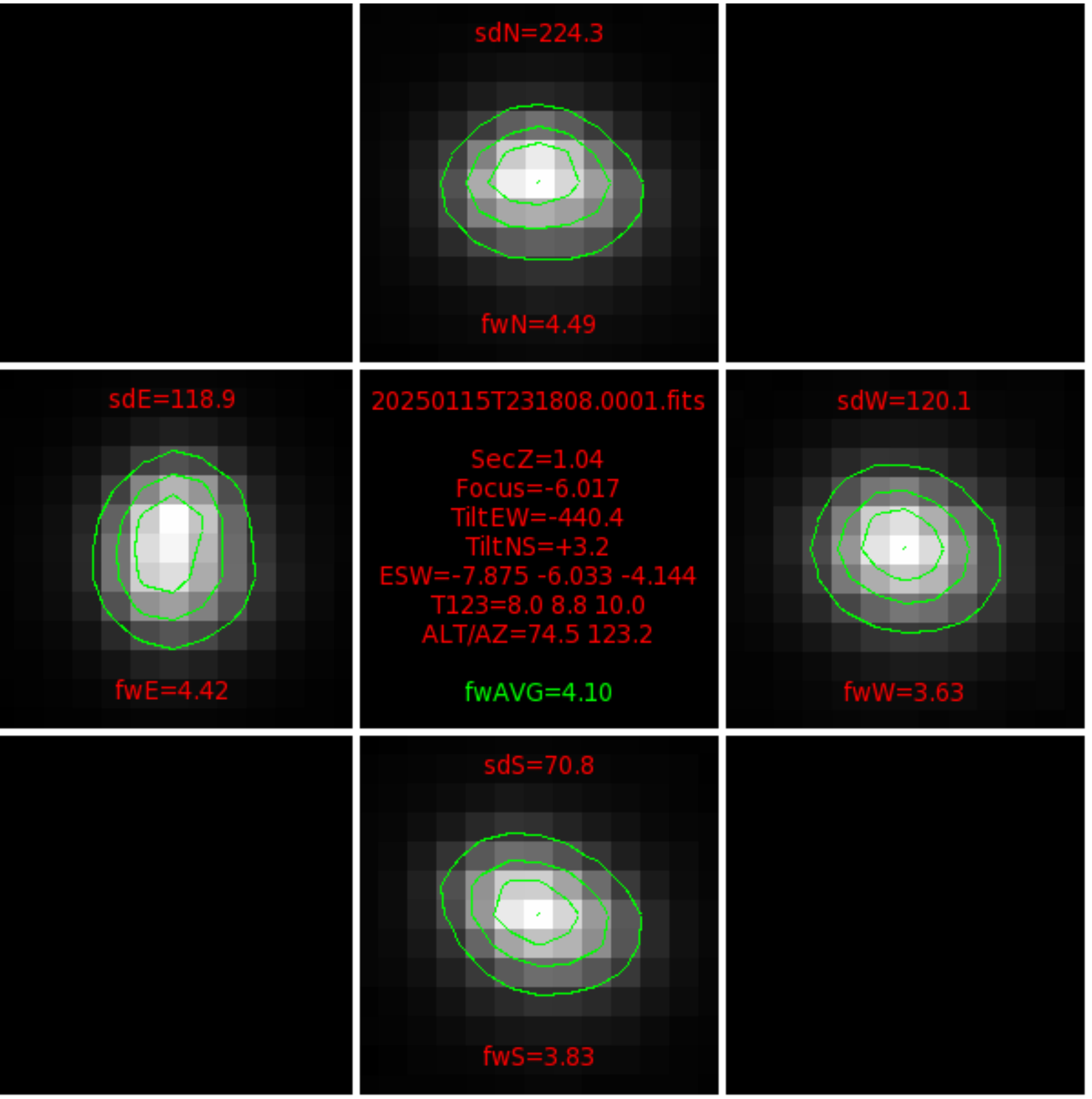
sdN=224.3
fwN=4.49
sdE=118.9
fwE=4.42
20250115T231808.0001.fits
SecZ=1.04
Focus=-6.017
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.875 -6.033 -4.144
T123=8.0 8.8 10.0
ALT/AZ=74.5 123.2
fwAVG=4.10
sdW=120.1
fwW=3.63
sdS=70.8
fwS=3.83
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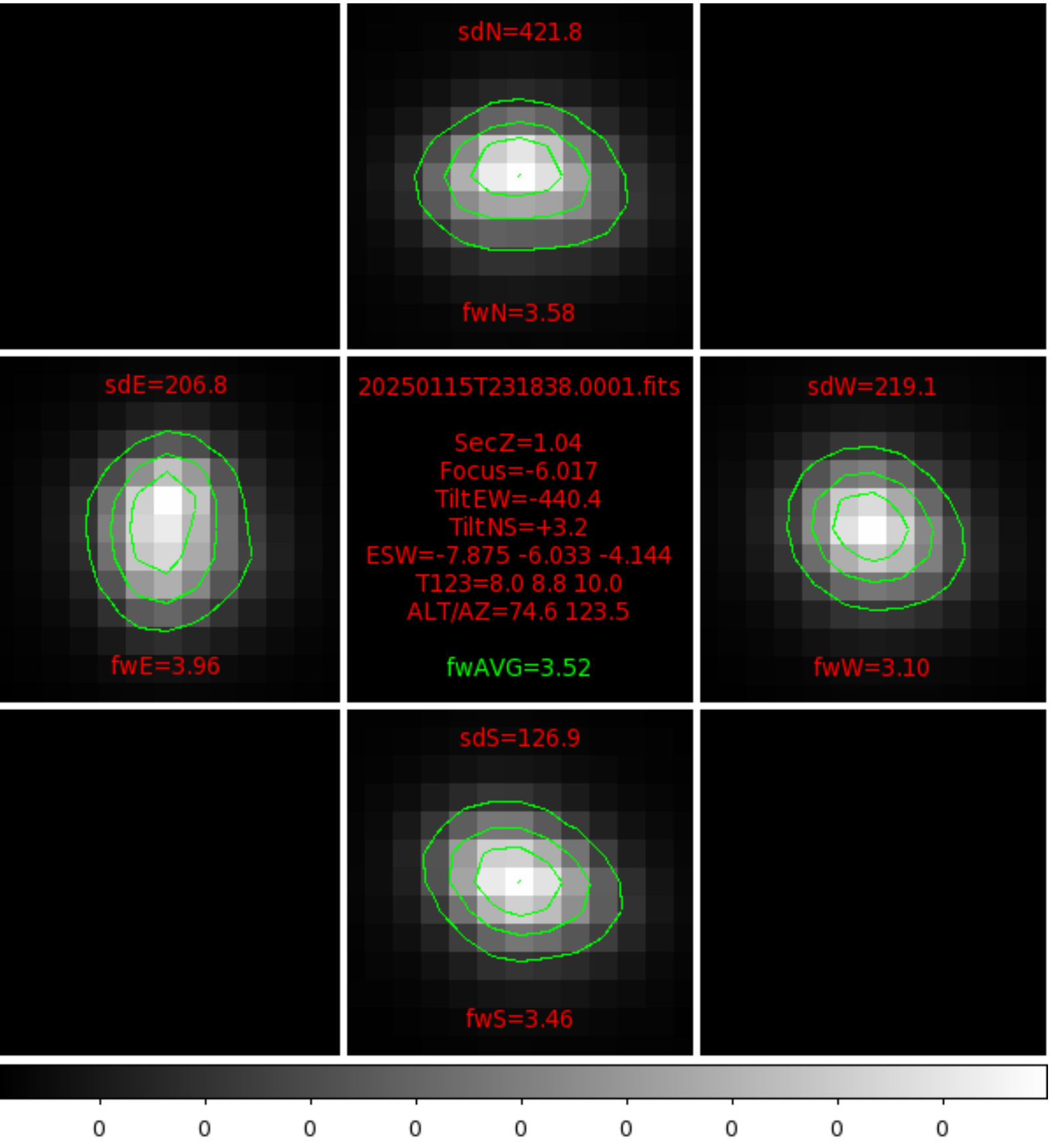
sdN=421.8
fwN=3.58
sdE=206.8
fwE=3.96
20250115T231838.0001.fits
SecZ=1.04
Focus=-6.017
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.875 -6.033 -4.144
T123=8.0 8.8 10.0
ALT/AZ=74.6 123.5
fwAVG=3.52
sdW=219.1
fwW=3.10
sdS=126.9
fwS=3.46
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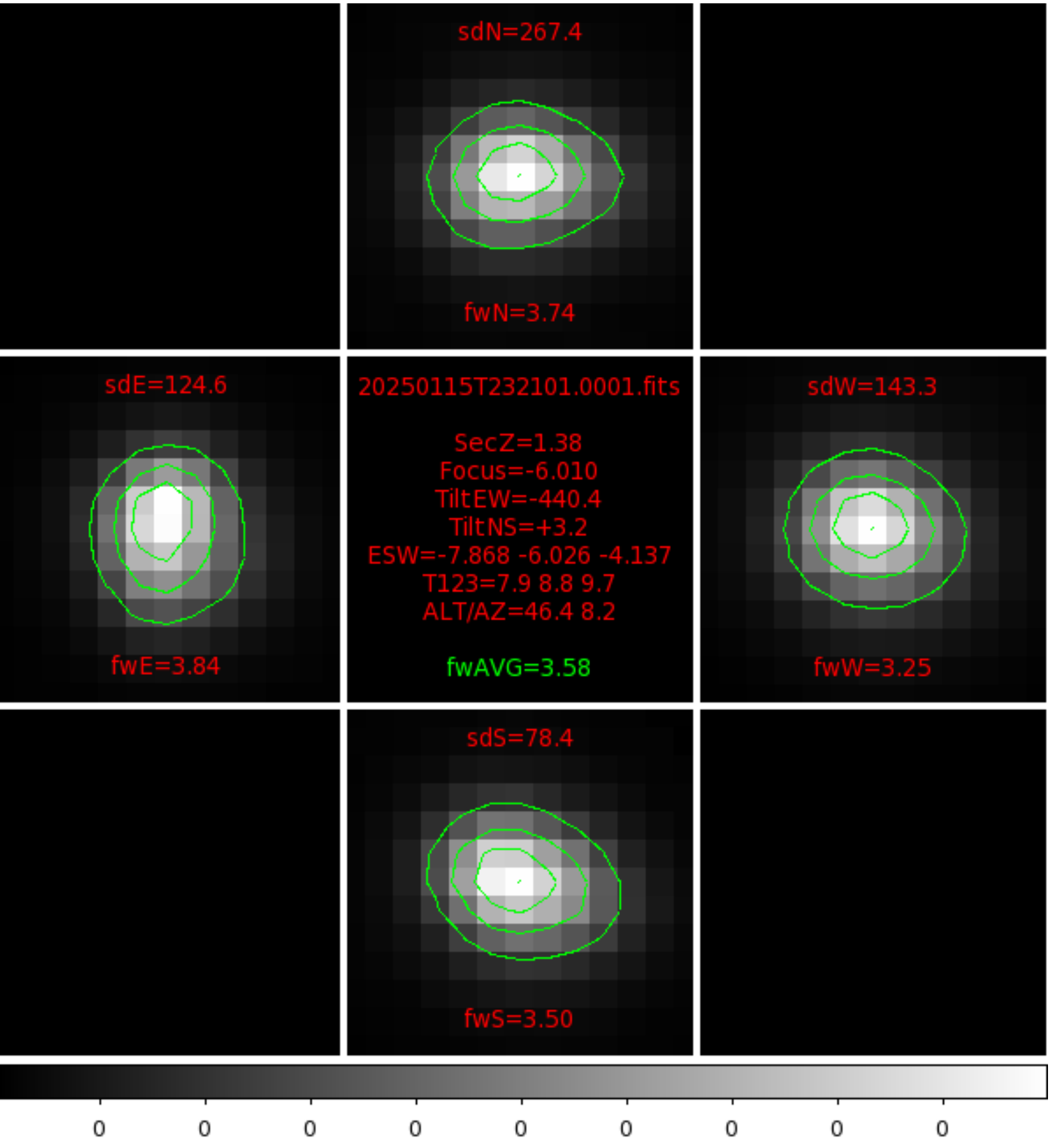
sdN=267.4
fwN=3.74
sdE=124.6
fwE=3.84
20250115T232101.0001.fits
SecZ=1.38
Focus=-6.010
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.868 -6.026 -4.137
T123=7.9 8.8 9.7
ALT/AZ=46.4 8.2
fwAVG=3.58
sdW=143.3
fwW=3.25
sdS=78.4
fwS=3.50
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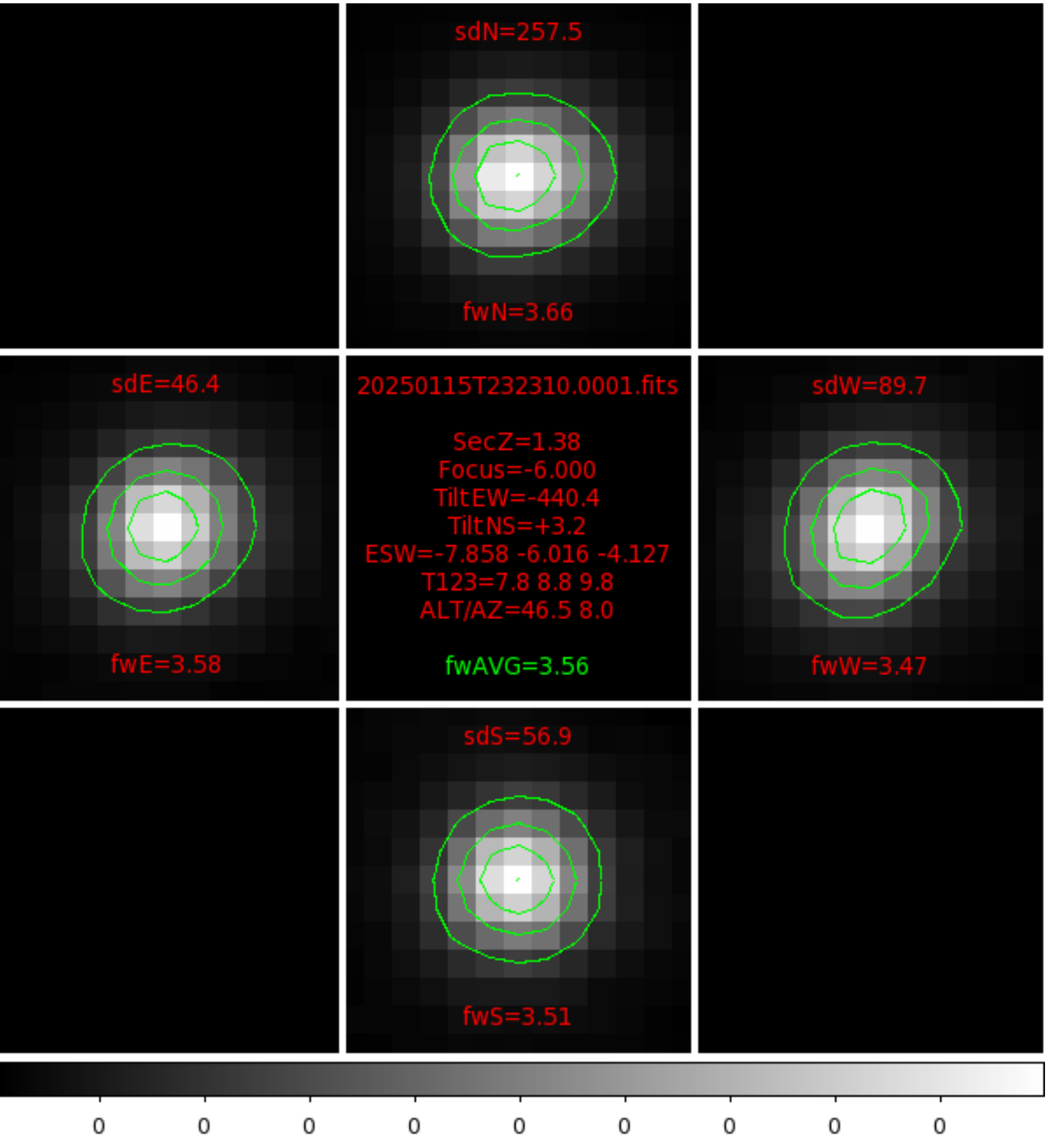
sdN=257.5
fwN=3.66
sdE=46.4
fwE=3.58
20250115T232310.0001.fits
SecZ=1.38
Focus=-6.000
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.858 -6.016 -4.127
T123=7.8 8.8 9.8
ALT/AZ=46.5 8.0
fwAVG=3.56
sdW=89.7
fwW=3.47
sdS=56.9
fwS=3.51
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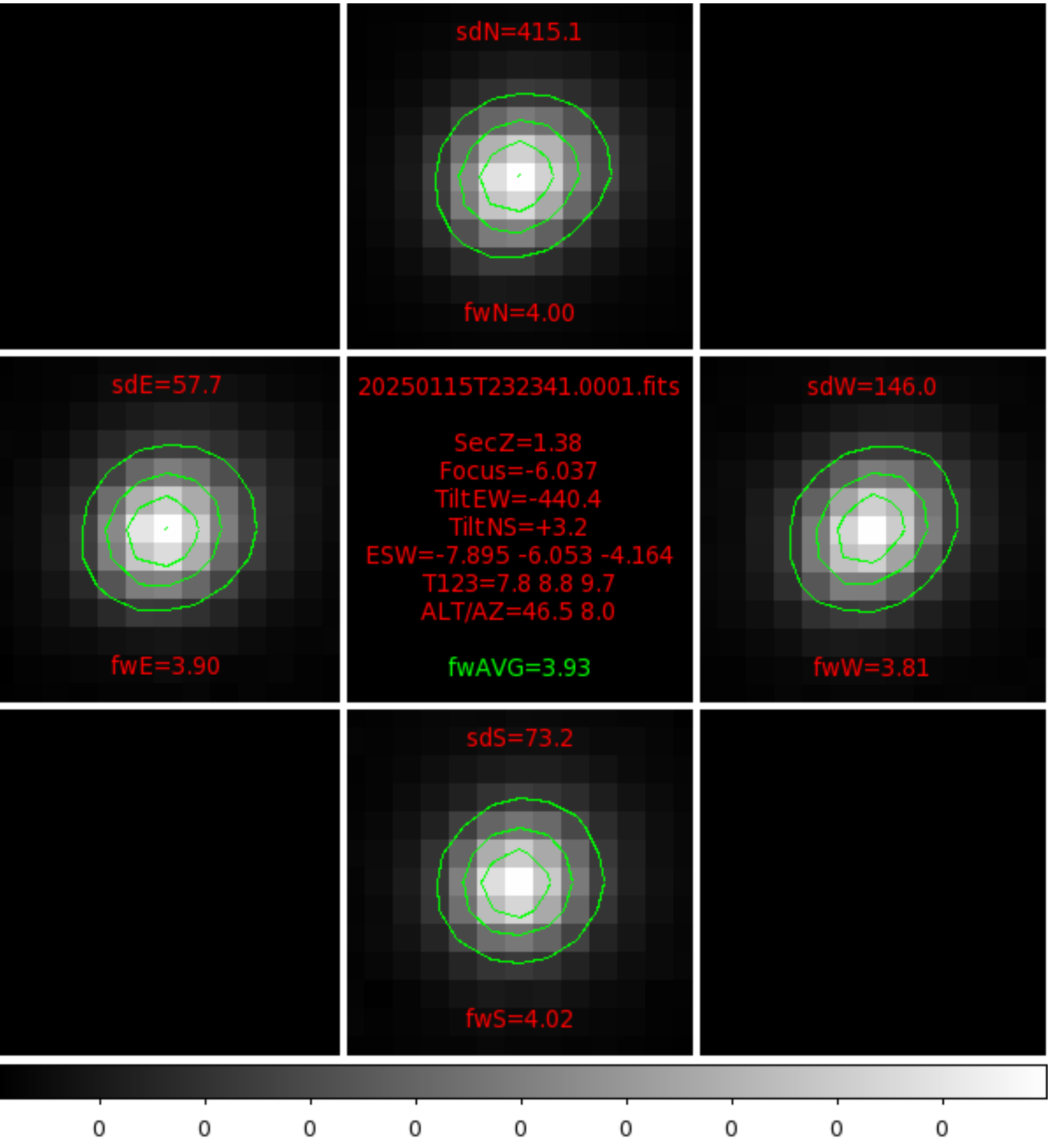
sdN=415.1
fwN=4.00
sdE=57.7
fwE=3.90
20250115T232341.0001.fits
SecZ=1.38
Focus=-6.037
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.895 -6.053 -4.164
T123=7.8 8.8 9.7
ALT/AZ=46.5 8.0
fwAVG=3.93
sdW=146.0
fwW=3.81
sdS=73.2
fwS=4.02
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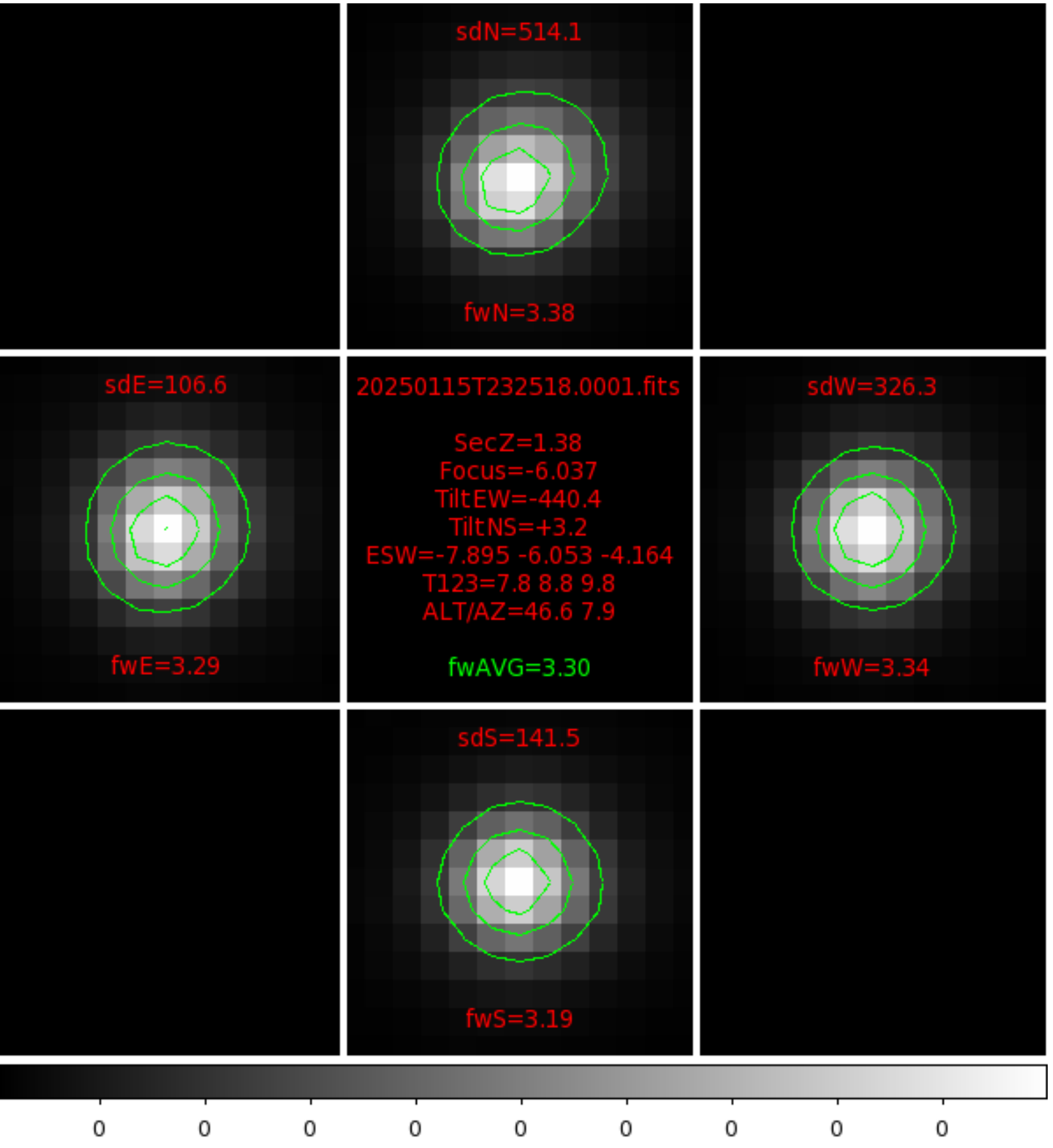
sdN=514.1
fwN=3.38
sdE=106.6
fwE=3.29
20250115T232518.0001.fits
SecZ=1.38
Focus=-6.037
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.895 -6.053 -4.164
T123=7.8 8.8 9.8
ALT/AZ=46.6 7.9
fwAVG=3.30
sdW=326.3
fwW=3.34
sdS=141.5
fwS=3.19
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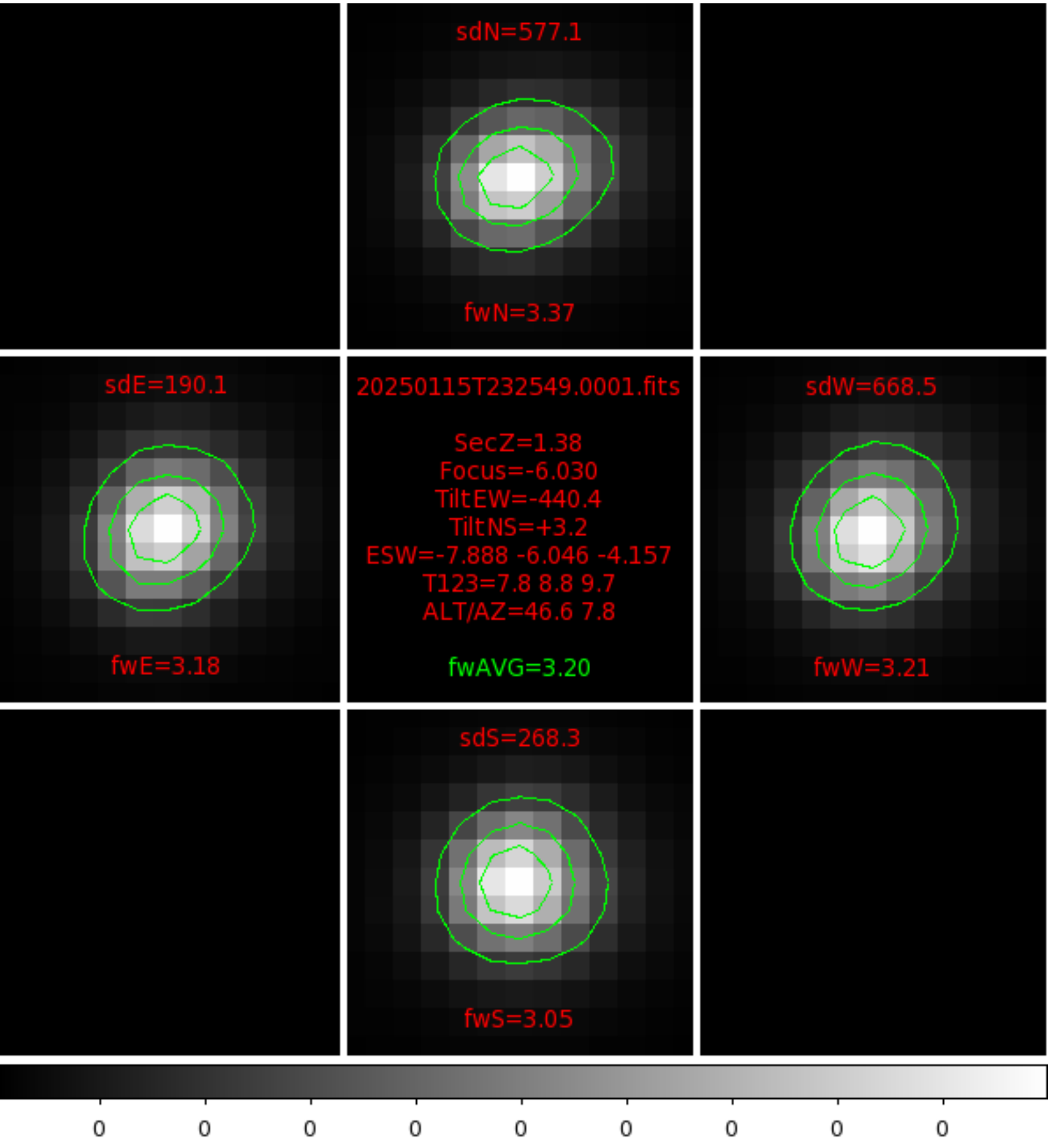
sdN=577.1
fwN=3.37
sdE=190.1
fwE=3.18
20250115T232549.0001.fits
SecZ=1.38
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=7.8 8.8 9.7
ALT/AZ=46.6 7.8
fwAVG=3.20
sdW=668.5
fwW=3.21
sdS=268.3
fwS=3.05
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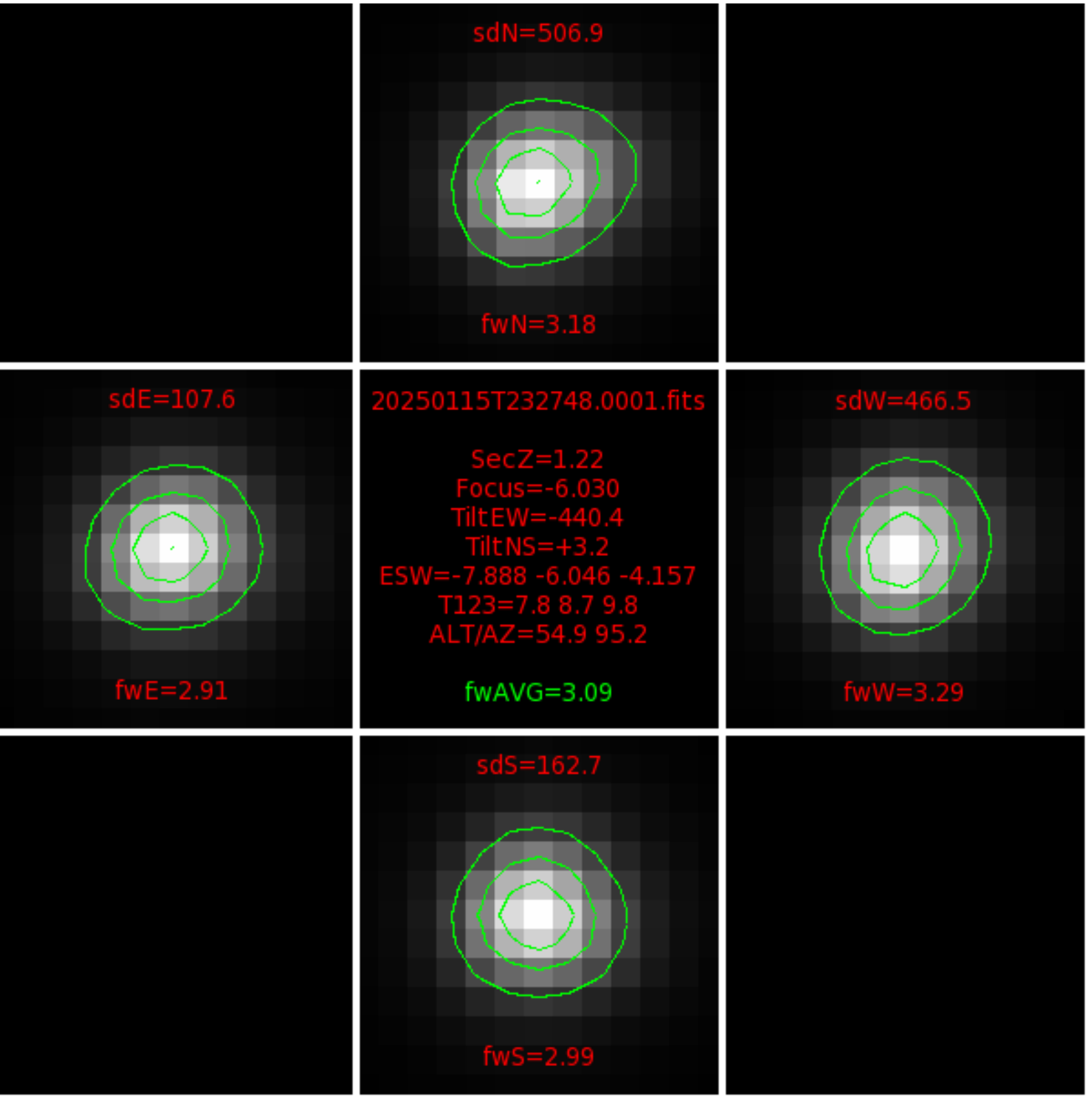
sdN=506.9
fwN=3.18
sdE=107.6
fwE=2.91
20250115T232748.0001.fits
SecZ=1.22
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=7.8 8.7 9.8
ALT/AZ=54.9 95.2
fwAVG=3.09
sdW=466.5
fwW=3.29
sdS=162.7
fwS=2.99
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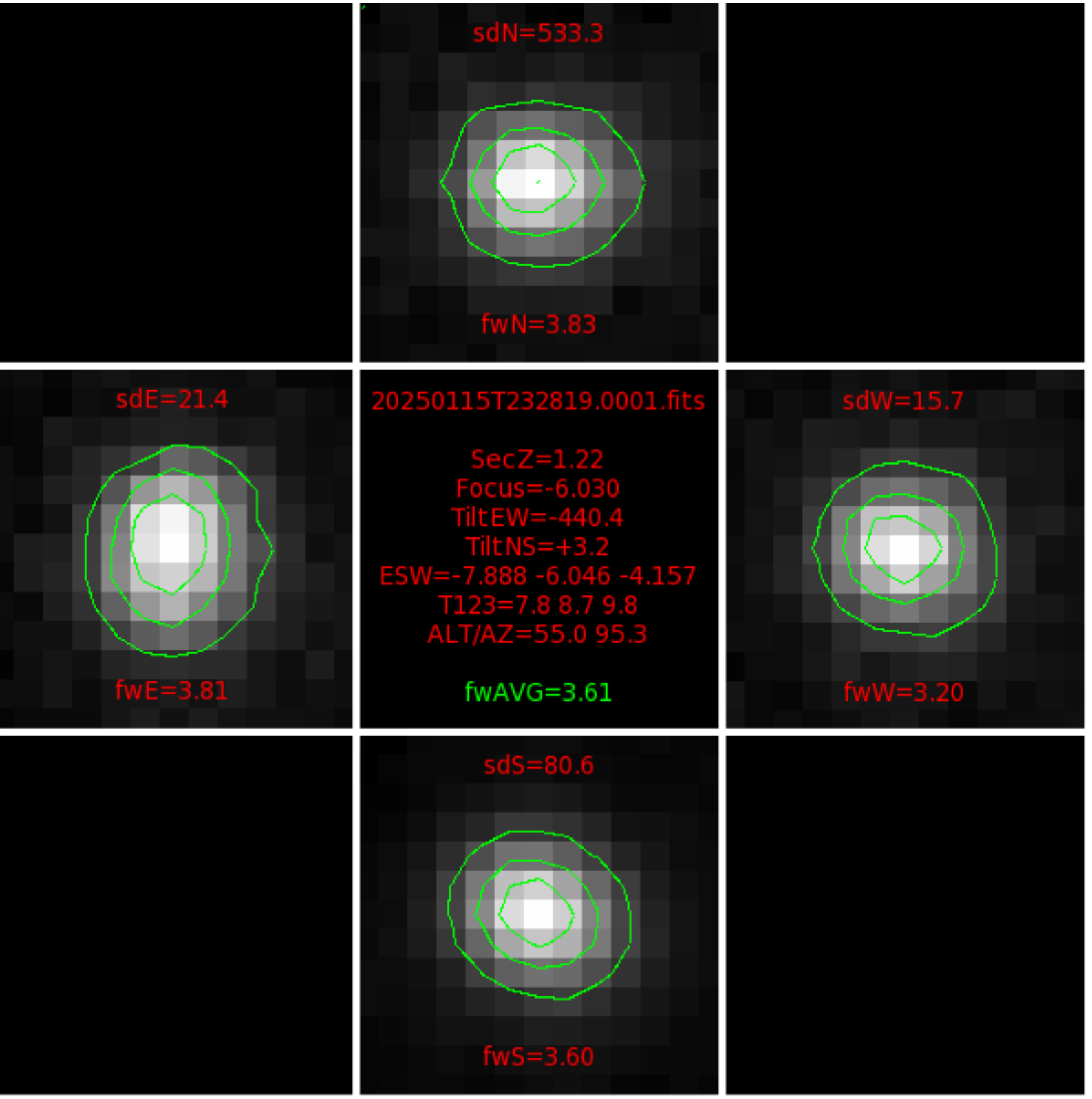
sdN=533.3
fwN=3.83
sdE=21.4
fwE=3.81
20250115T232819.0001.fits
SecZ=1.22
Focus=-6.030
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.888 -6.046 -4.157
T123=7.8 8.7 9.8
ALT/AZ=55.0 95.3
fwAVG=3.61
sdW=15.7
fwW=3.20
sdS=80.6
fwS=3.60
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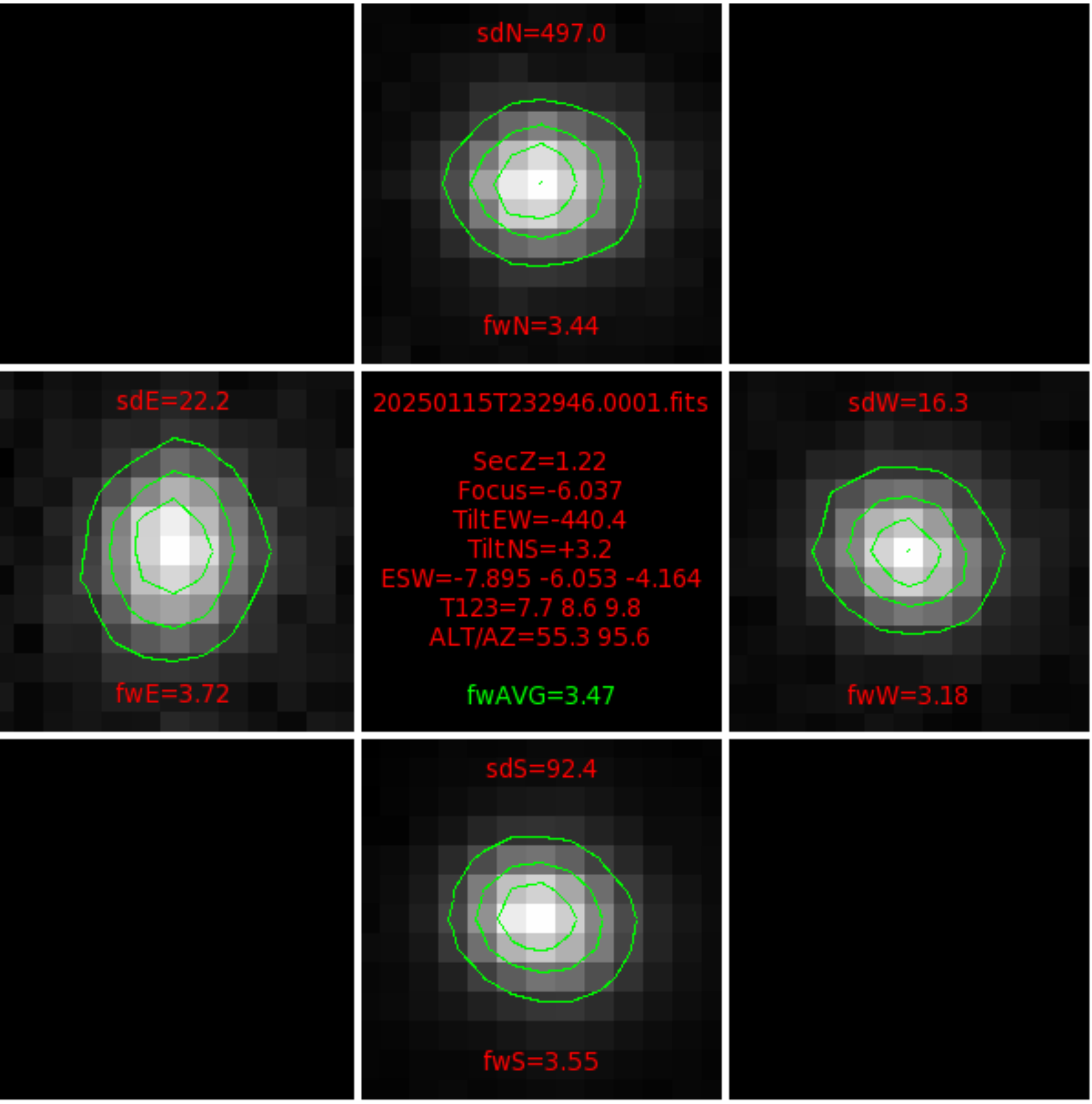
sdN=497.0
fwN=3.44
sdE=22.2
fwE=3.72
20250115T232946.0001.fits
SecZ=1.22
Focus=-6.037
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.895 -6.053 -4.164
T123=7.7 8.6 9.8
ALT/AZ=55.3 95.6
fwAVG=3.47
sdW=16.3
fwW=3.18
sdS=92.4
fwS=3.55
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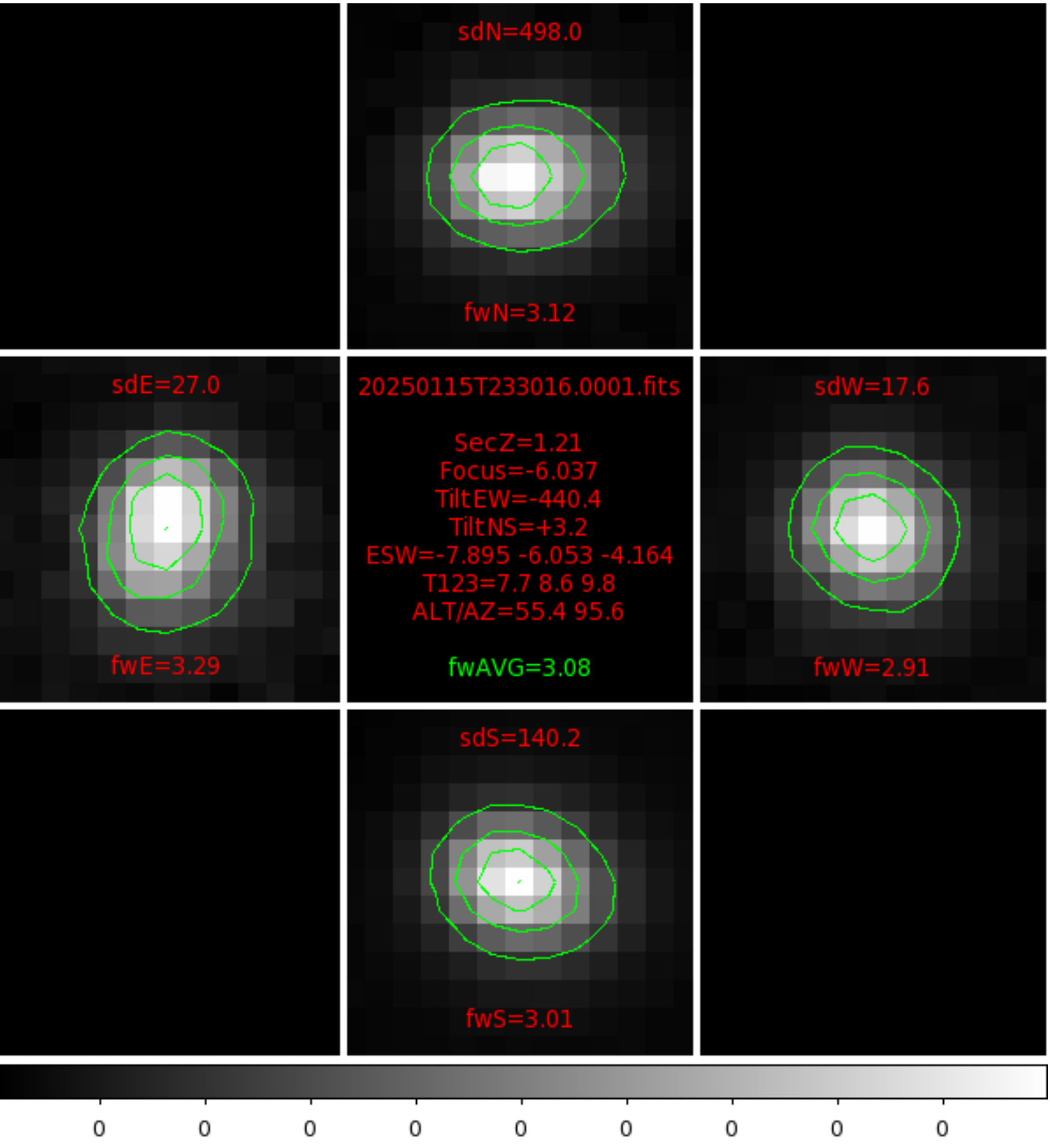
sdN=498.0
fwN=3.12
sdE=27.0
fwE=3.29
20250115T233016.0001.fits
SecZ=1.21
Focus=-6.037
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.895 -6.053 -4.164
T123=7.7 8.6 9.8
ALT/AZ=55.4 95.6
fwAVG=3.08
sdW=17.6
fwW=2.91
sdS=140.2
fwS=3.01
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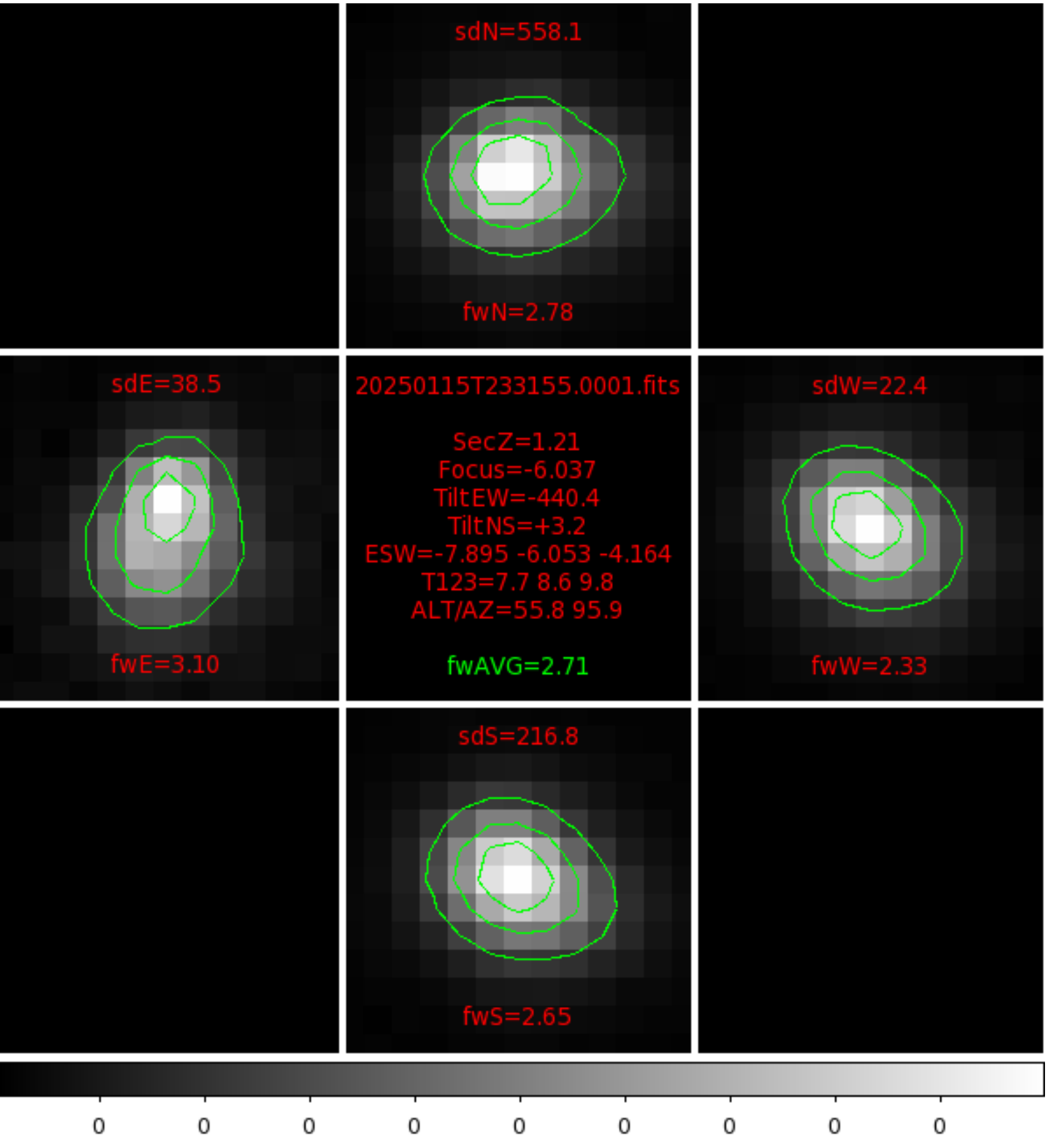
sdN=558.1
fwN=2.78
sdE=38.5
fwE=3.10
20250115T233155.0001.fits
SecZ=1.21
Focus=-6.037
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.895 -6.053 -4.164
T123=7.7 8.6 9.8
ALT/AZ=55.8 95.9
fwAVG=2.71
sdW=22.4
fwW=2.33
sdS=216.8
fwS=2.65
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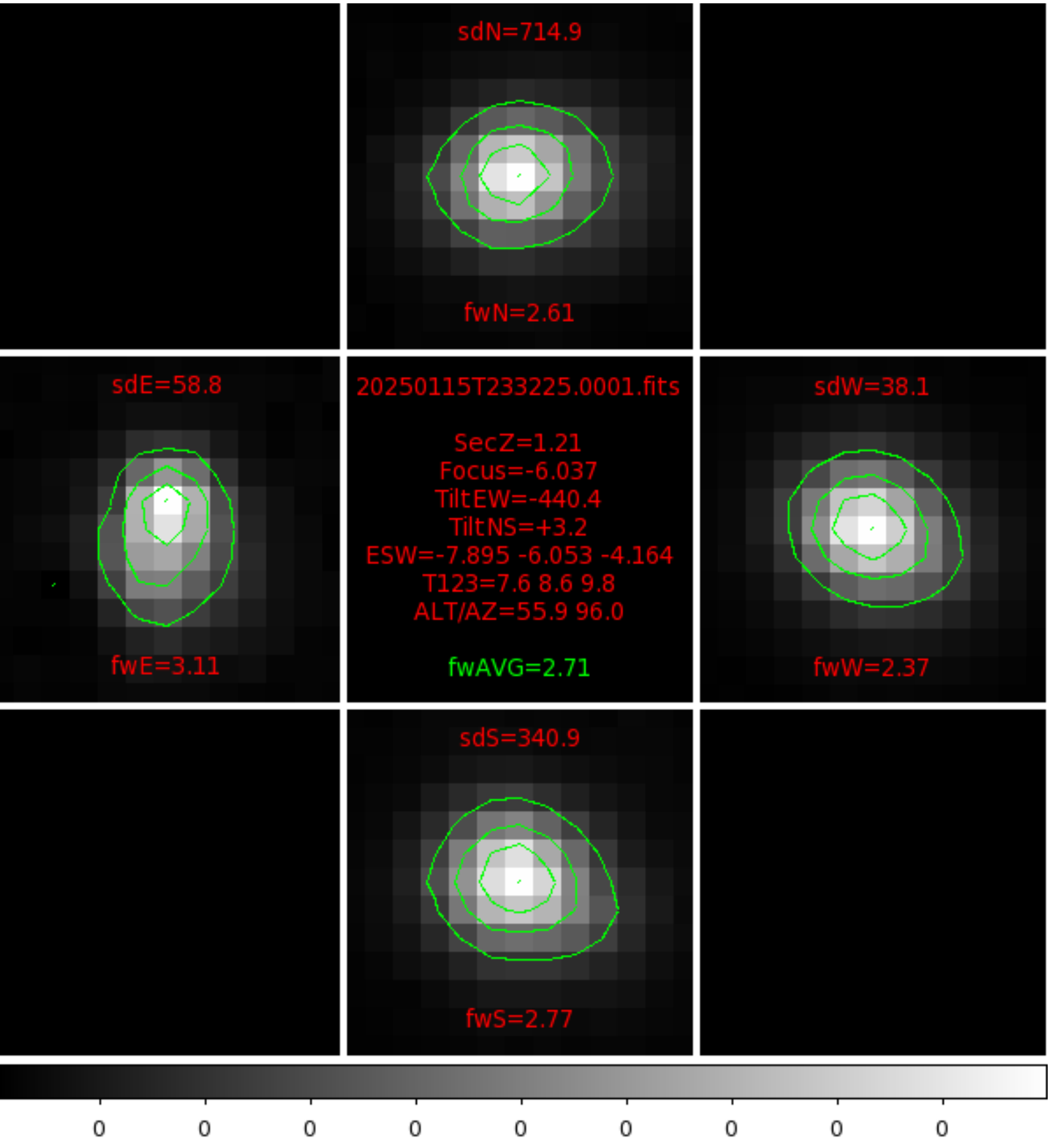
sdN=714.9
fwN=2.61
sdE=58.8
fwE=3.11
20250115T233225.0001.fits
SecZ=1.21
Focus=-6.037
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.895 -6.053 -4.164
T123=7.6 8.6 9.8
ALT/AZ=55.9 96.0
fwAVG=2.71
sdW=38.1
fwW=2.37
sdS=340.9
fwS=2.77
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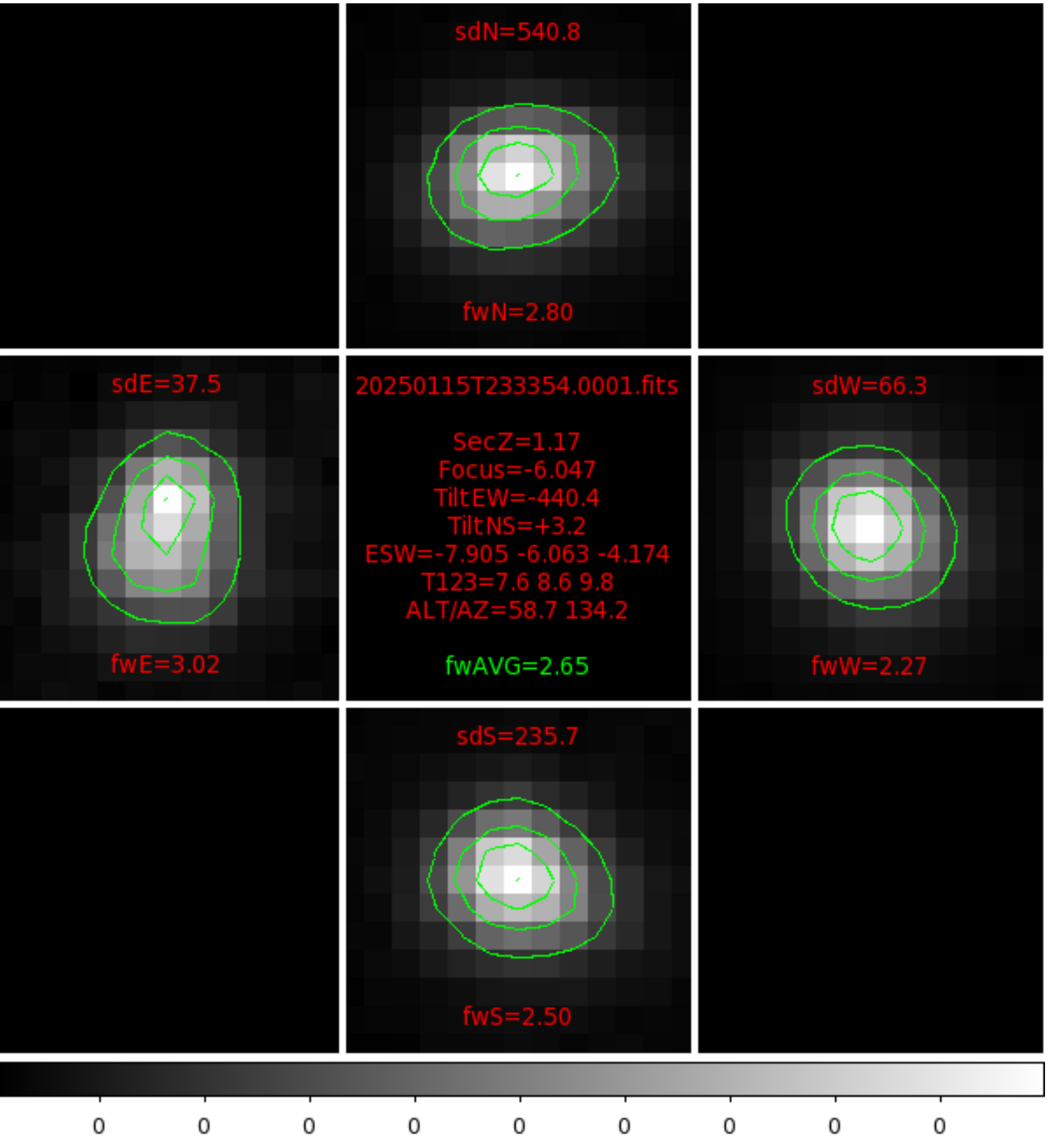
sdN=540.8
fwN=2.80
sdE=37.5
fwE=3.02
20250115T233354.0001.fits
SecZ=1.17
Focus=-6.047
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.905 -6.063 -4.174
T123=7.6 8.6 9.8
ALT/AZ=58.7 134.2
fwAVG=2.65
sdW=66.3
fwW=2.27
sdS=235.7
fwS=2.50
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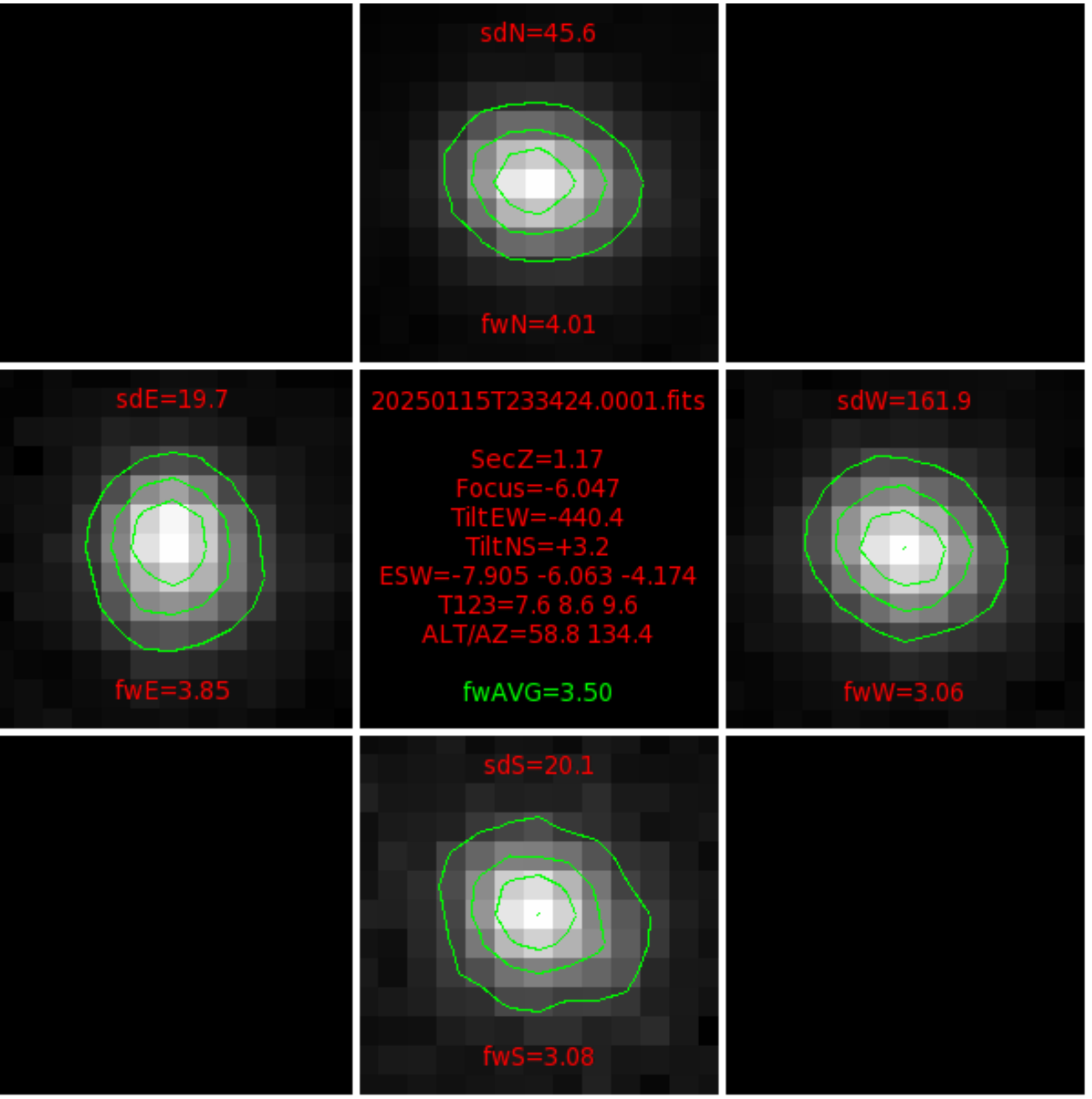
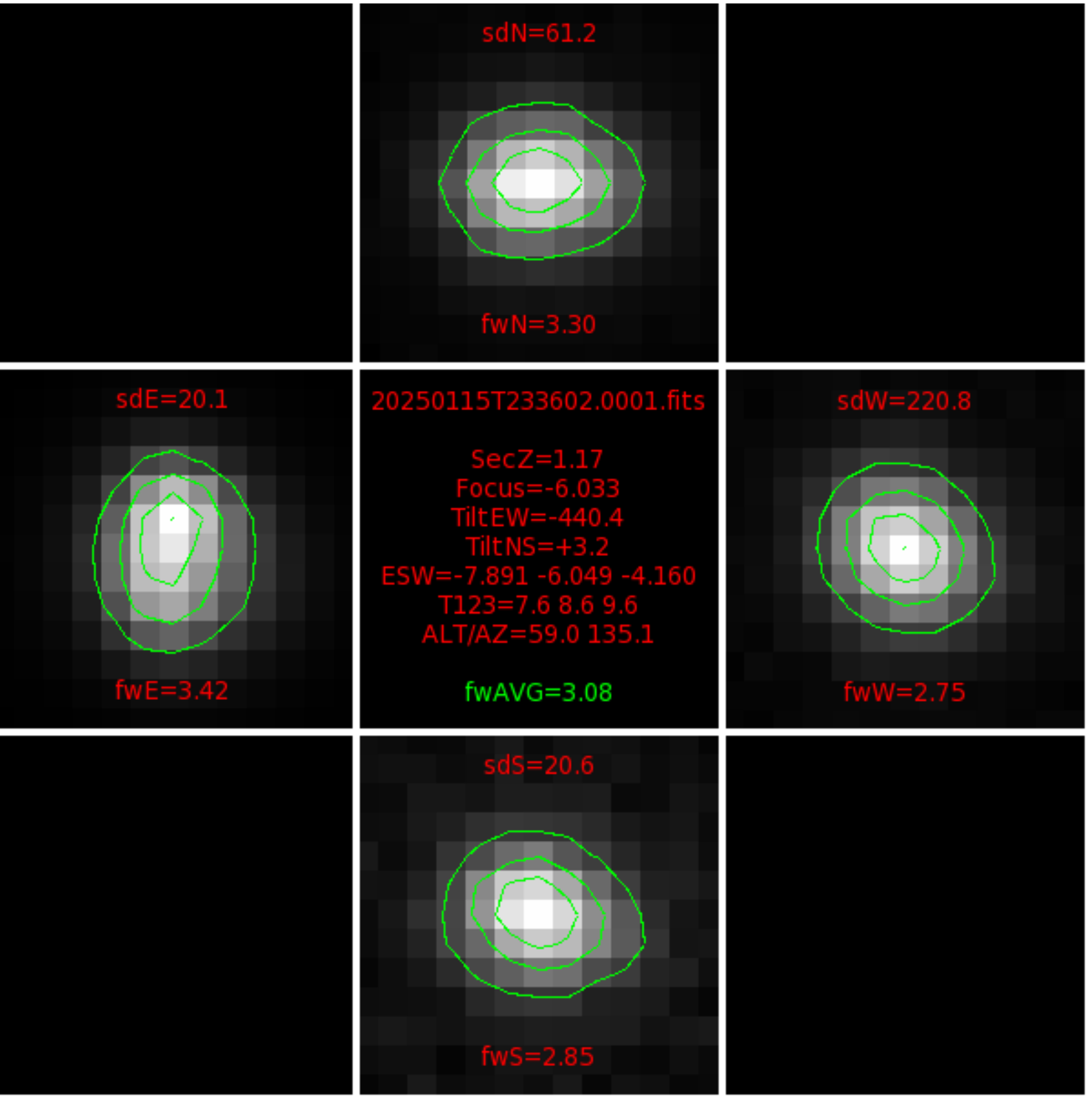

sdN=45.6
fwN=4.01
sdE=19.7
fwE=3.85
20250115T233424.0001.fits
SecZ=1.17
Focus=-6.047
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.905 -6.063 -4.174
T123=7.6 8.6 9.6
ALT/AZ=58.8 134.4
fwAVG=3.50
sdW=161.9
fwW=3.06
sdS=20.1
fwS=3.08
0 0 0 0 0 0 0 0 0


sdN=61.2
fwN=3.30
sdE=20.1
fwE=3.42
20250115T233602.0001.fits
SecZ=1.17
Focus=-6.033
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.891 -6.049 -4.160
T123=7.6 8.6 9.6
ALT/AZ=59.0 135.1
fwAVG=3.08
sdW=220.8
fwW=2.75
sdS=20.6
fwS=2.85
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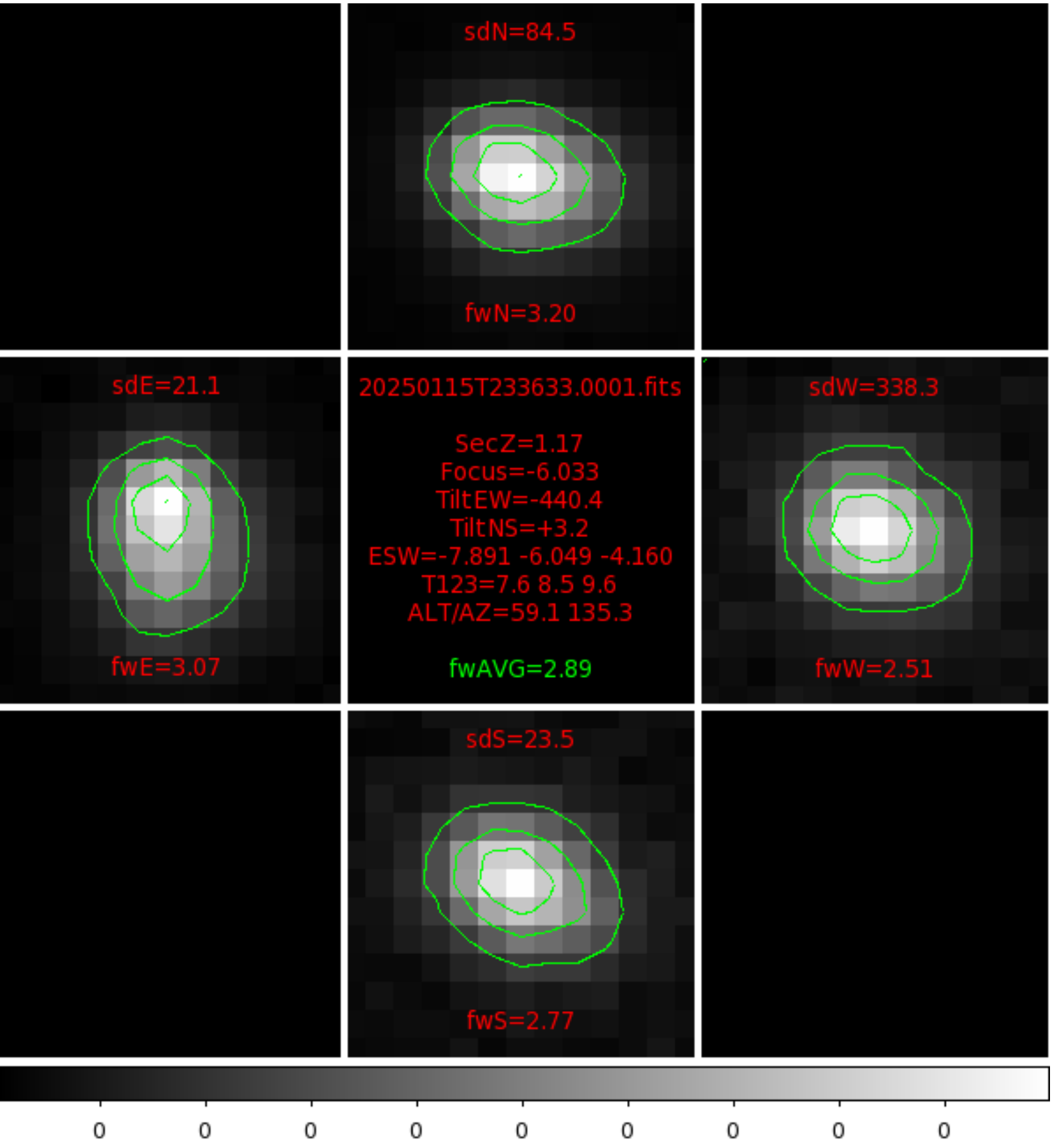
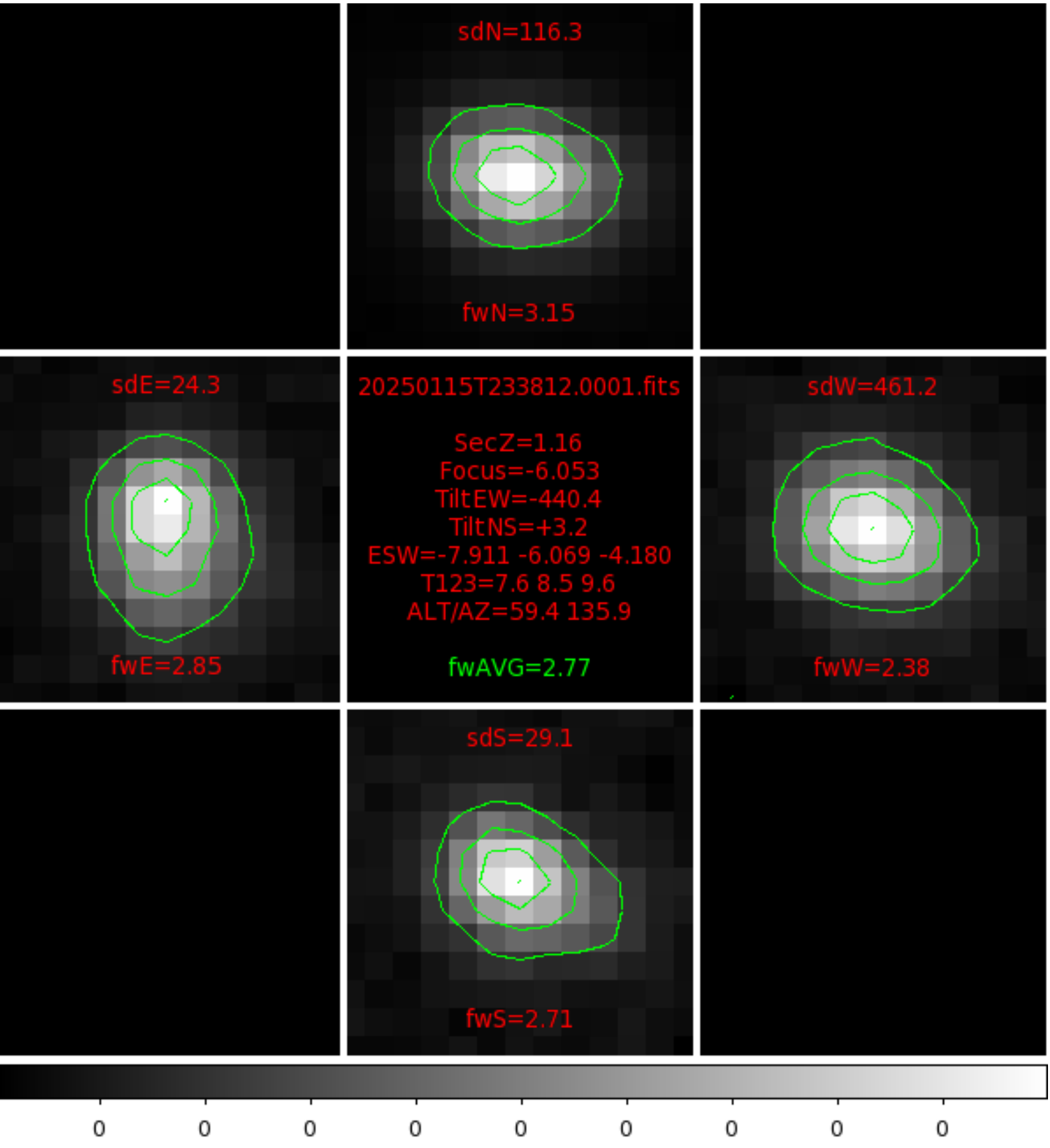

sdN=84.5
fwN=3.20
sdE=21.1
fwE=3.07
20250115T233633.0001.fits
SecZ=1.17
Focus=-6.033
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.891 -6.049 -4.160
T123=7.6 8.5 9.6
ALT/AZ=59.1 135.3
fwAVG=2.89
sdW=338.3
fwW=2.51
sdS=23.5
fwS=2.77
0 0 0 0 0 0 0 0 0


sdN=116.3
fwN=3.15
sdE=24.3
fwE=2.85
20250115T233812.0001.fits
SecZ=1.16
Focus=-6.053
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.911 -6.069 -4.180
T123=7.6 8.5 9.6
ALT/AZ=59.4 135.9
fwAVG=2.77
sdW=461.2
fwW=2.38
sdS=29.1
fwS=2.71
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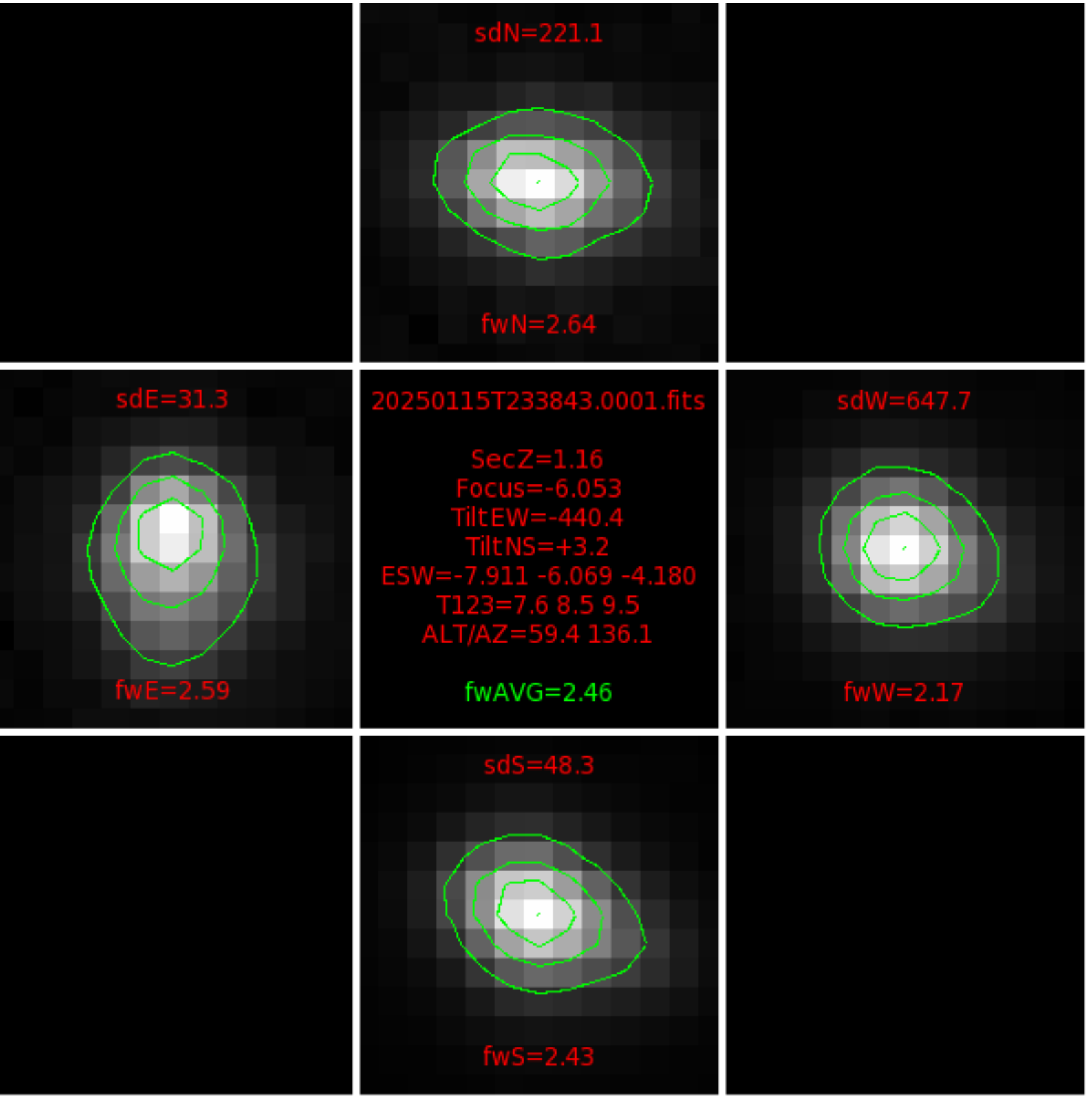
sdN=221.1
fwN=2.64
sdE=31.3
fwE=2.59
20250115T233843.0001.fits
SecZ=1.16
Focus=-6.053
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.911 -6.069 -4.180
T123=7.6 8.5 9.5
ALT/AZ=59.4 136.1
fwAVG=2.46
sdW=647.7
fwW=2.17
sdS=48.3
fwS=2.43
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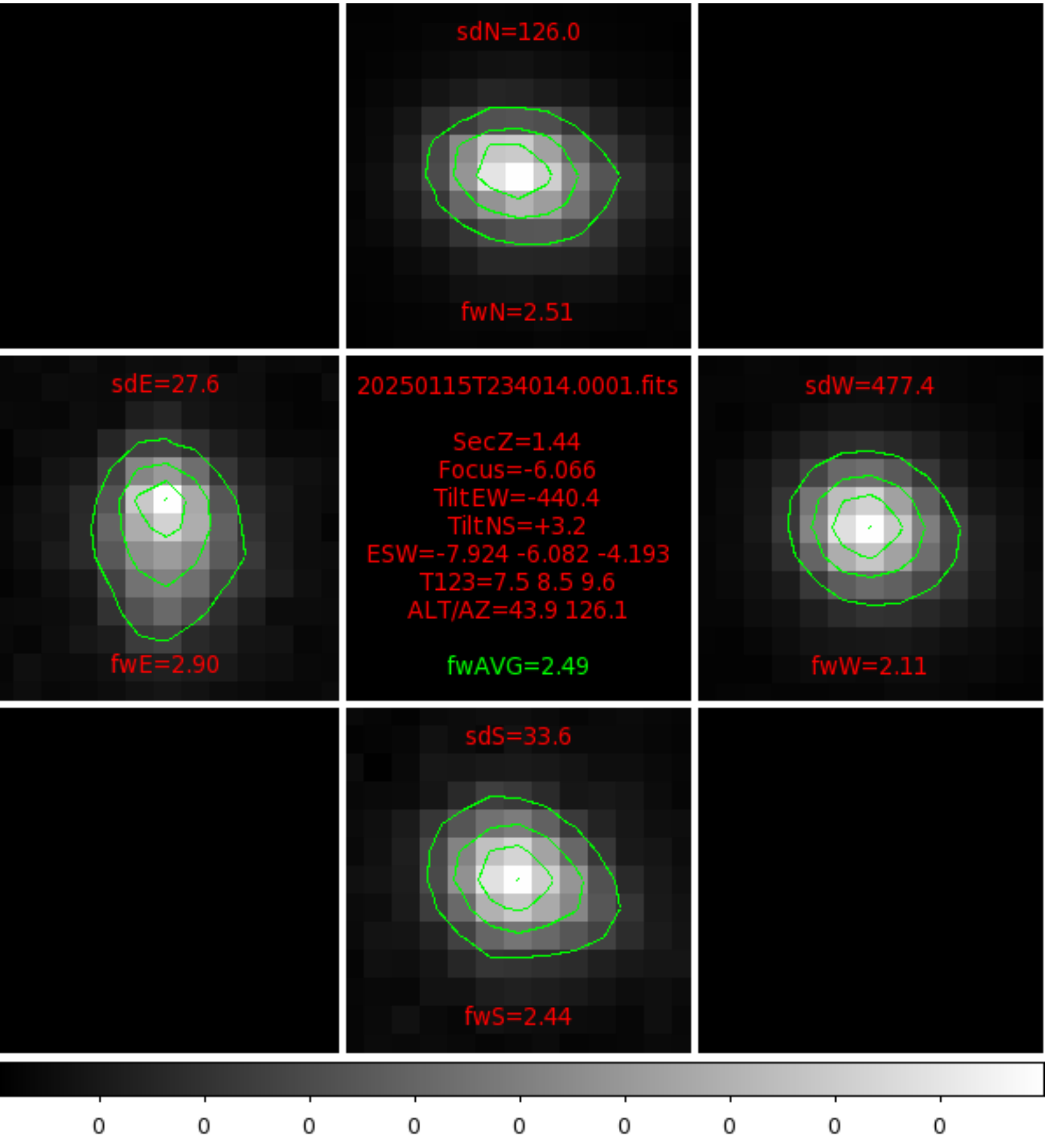
sdN=126.0
fwN=2.51
sdE=27.6
fwE=2.90
20250115T234014.0001.fits
SecZ=1.44
Focus=-6.066
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.924 -6.082 -4.193
T123=7.5 8.5 9.6
ALT/AZ=43.9 126.1
fwAVG=2.49
sdW=477.4
fwW=2.11
sdS=33.6
fwS=2.44
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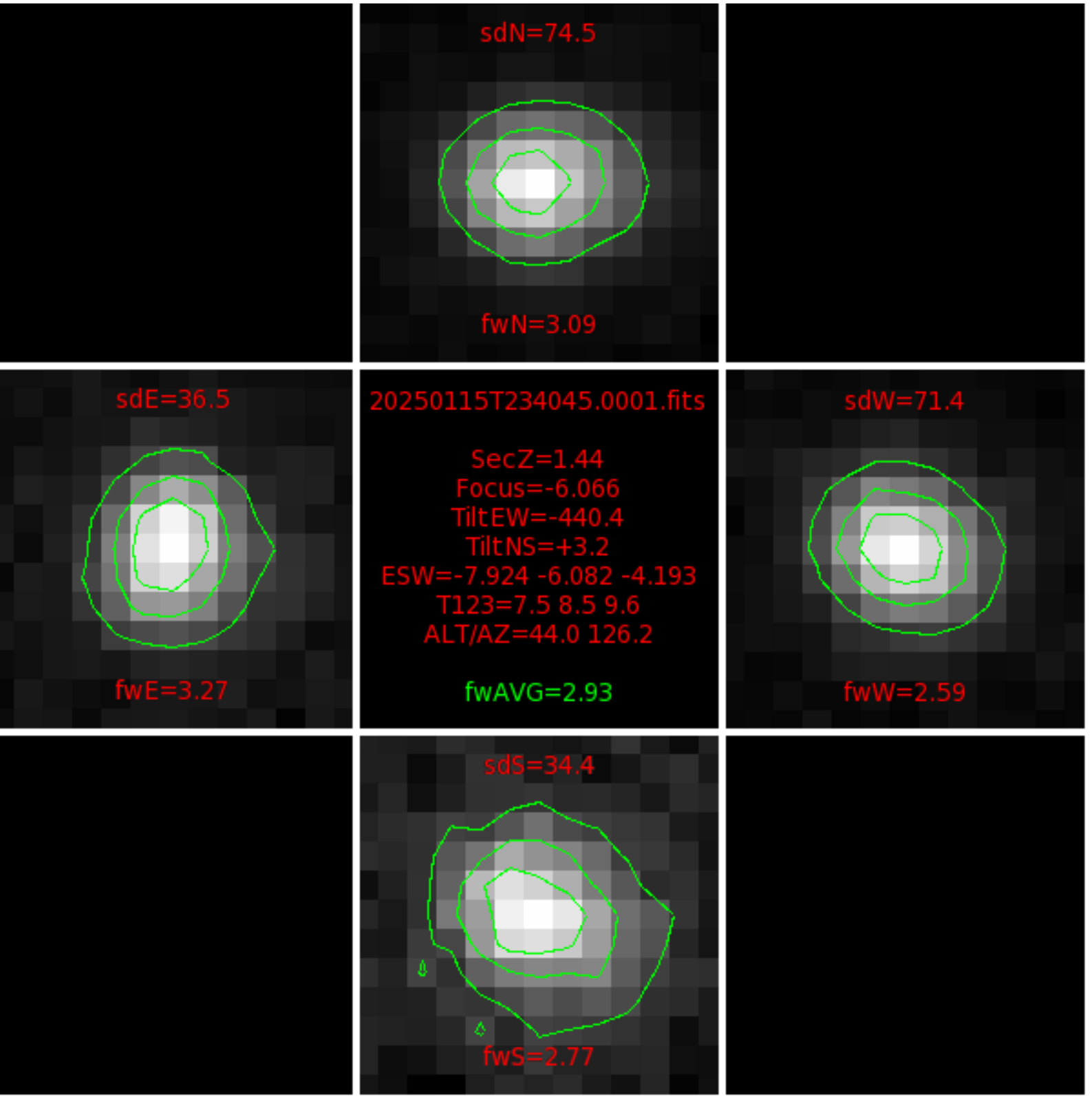
sdN=74.5
fwN=3.09
sdE=36.5
fwE=3.27
20250115T234045.0001.fits
SecZ=1.44
Focus=-6.066
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.924 -6.082 -4.193
T123=7.5 8.5 9.6
ALT/AZ=44.0 126.2
fwAVG=2.93
sdW=71.4
fwW=2.59
sdS=34.4
fwS=2.77
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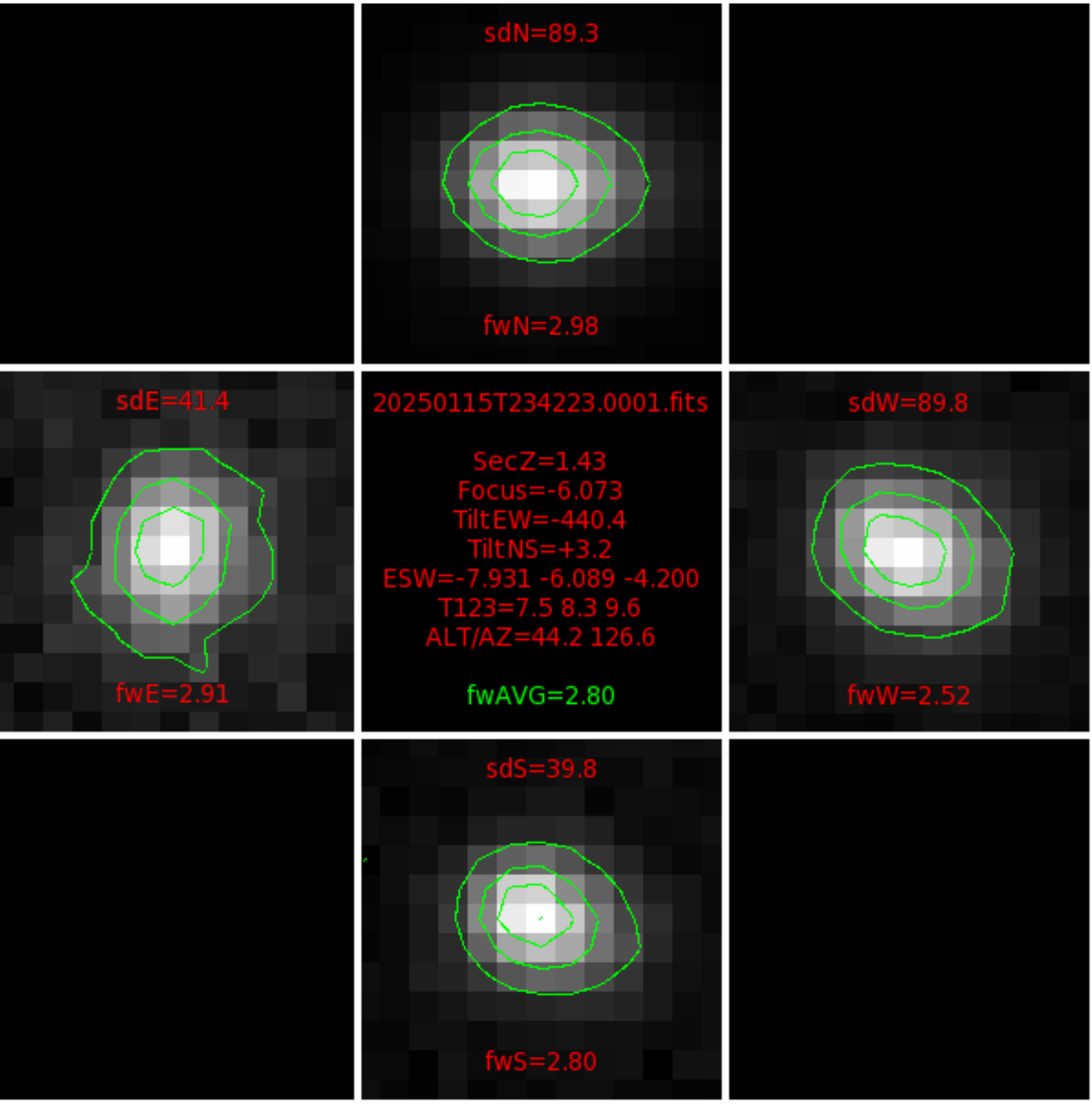
sdN=89.3
fwN=2.98
sdE=41.4
fwE=2.91
20250115T234223.0001.fits
SecZ=1.43
Focus=-6.073
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.931 -6.089 -4.200
T123=7.5 8.3 9.6
ALT/AZ=44.2 126.6
fwAVG=2.80
sdW=89.8
fwW=2.52
sdS=39.8
fwS=2.80
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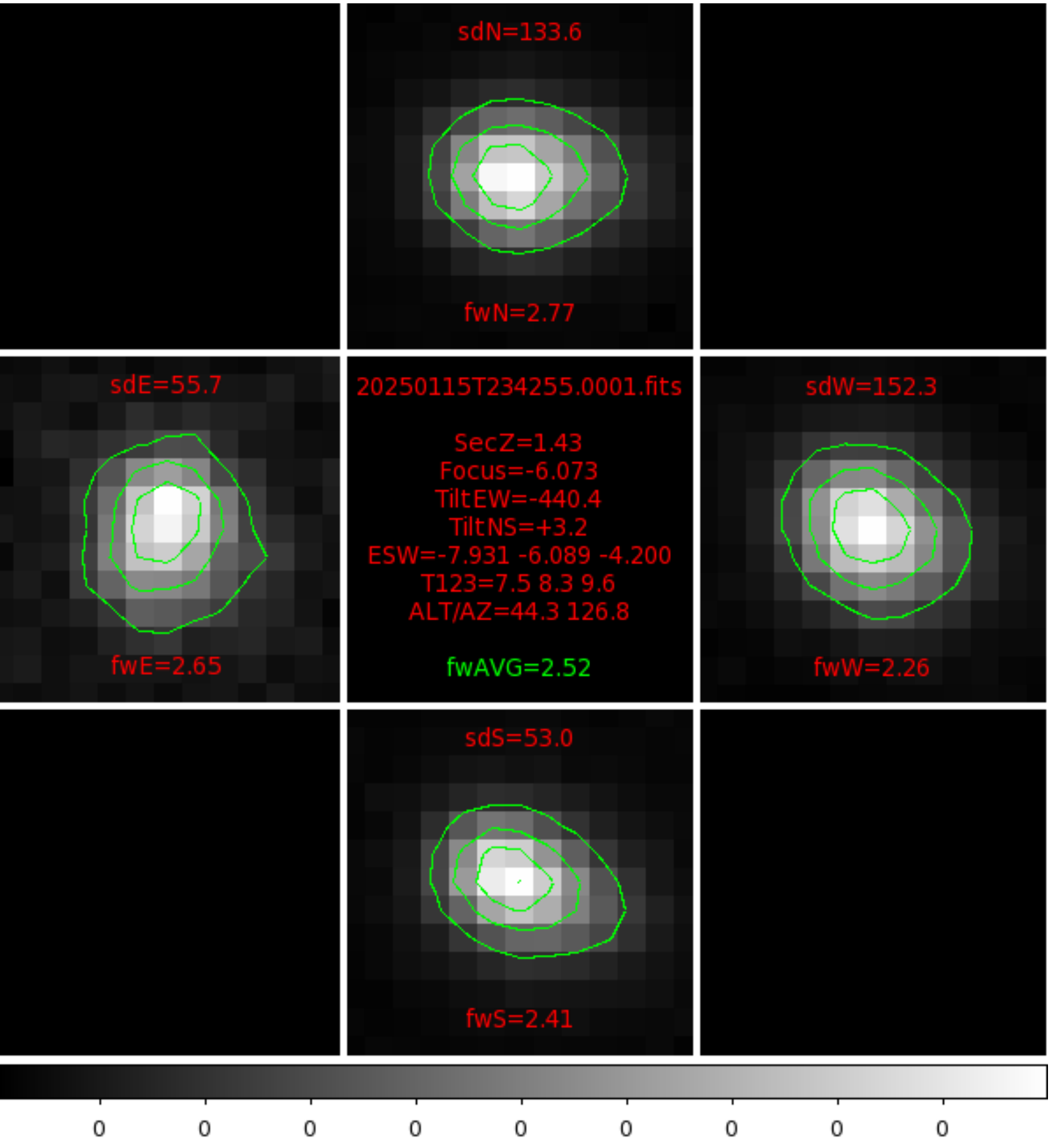
sdN=133.6
fwN=2.77
sdE=55.7
fwE=2.65
20250115T234255.0001.fits
SecZ=1.43
Focus=-6.073
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.931 -6.089 -4.200
T123=7.5 8.3 9.6
ALT/AZ=44.3 126.8
fwAVG=2.52
sdW=152.3
fwW=2.26
sdS=53.0
fwS=2.41
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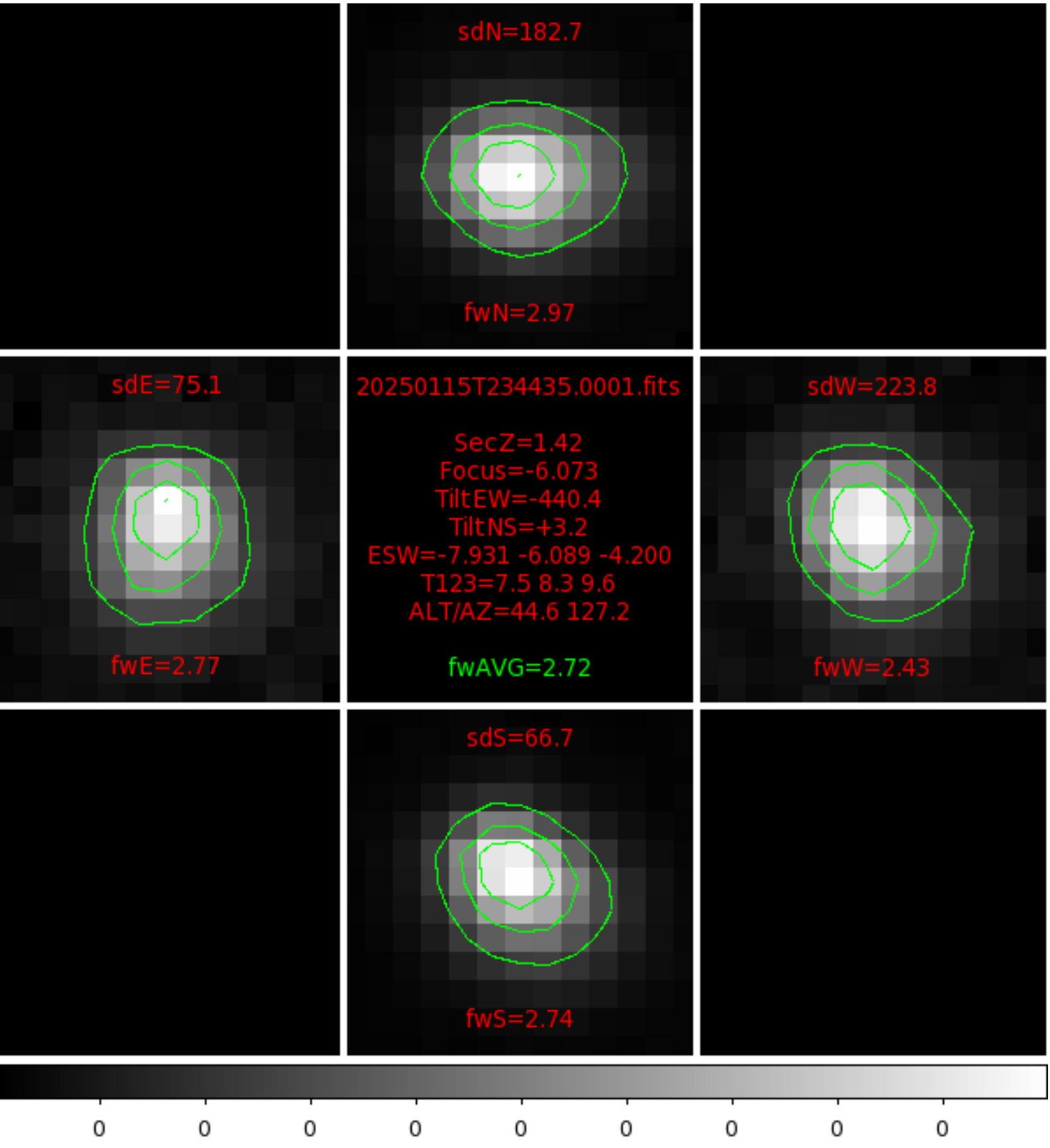
sdN=182.7
fwN=2.97
sdE=75.1
fwE=2.77
20250115T234435.0001.fits
SecZ=1.42
Focus=-6.073
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.931 -6.089 -4.200
T123=7.5 8.3 9.6
ALT/AZ=44.6 127.2
fwAVG=2.72
sdW=223.8
fwW=2.43
sdS=66.7
fwS=2.74
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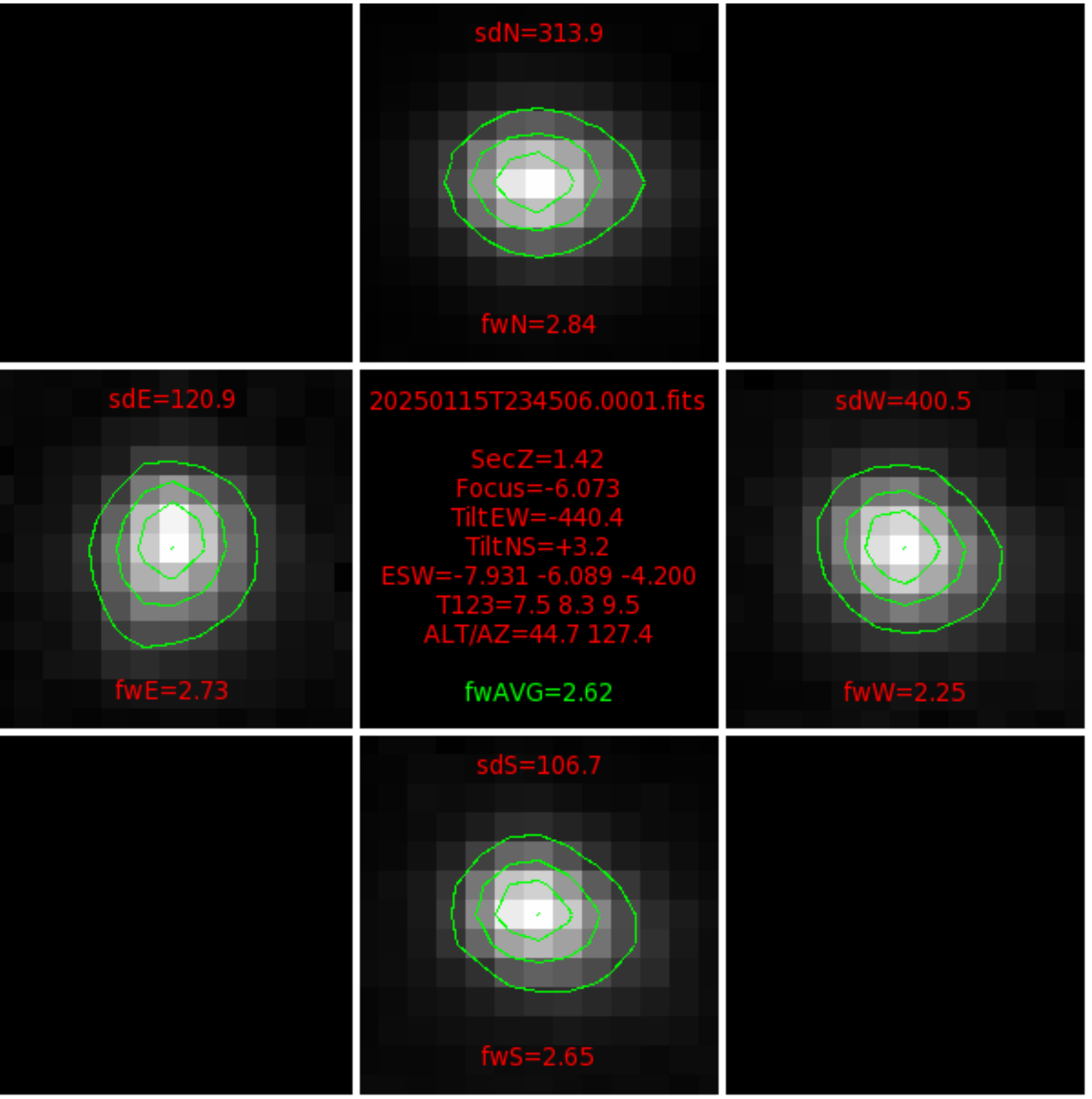
sdN=313.9
fwN=2.84
sdE=120.9
fwE=2.73
20250115T234506.0001.fits
SecZ=1.42
Focus=-6.073
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.931 -6.089 -4.200
T123=7.5 8.3 9.5
ALT/AZ=44.7 127.4
fwAVG=2.62
sdW=400.5
fwW=2.25
sdS=106.7
fwS=2.65
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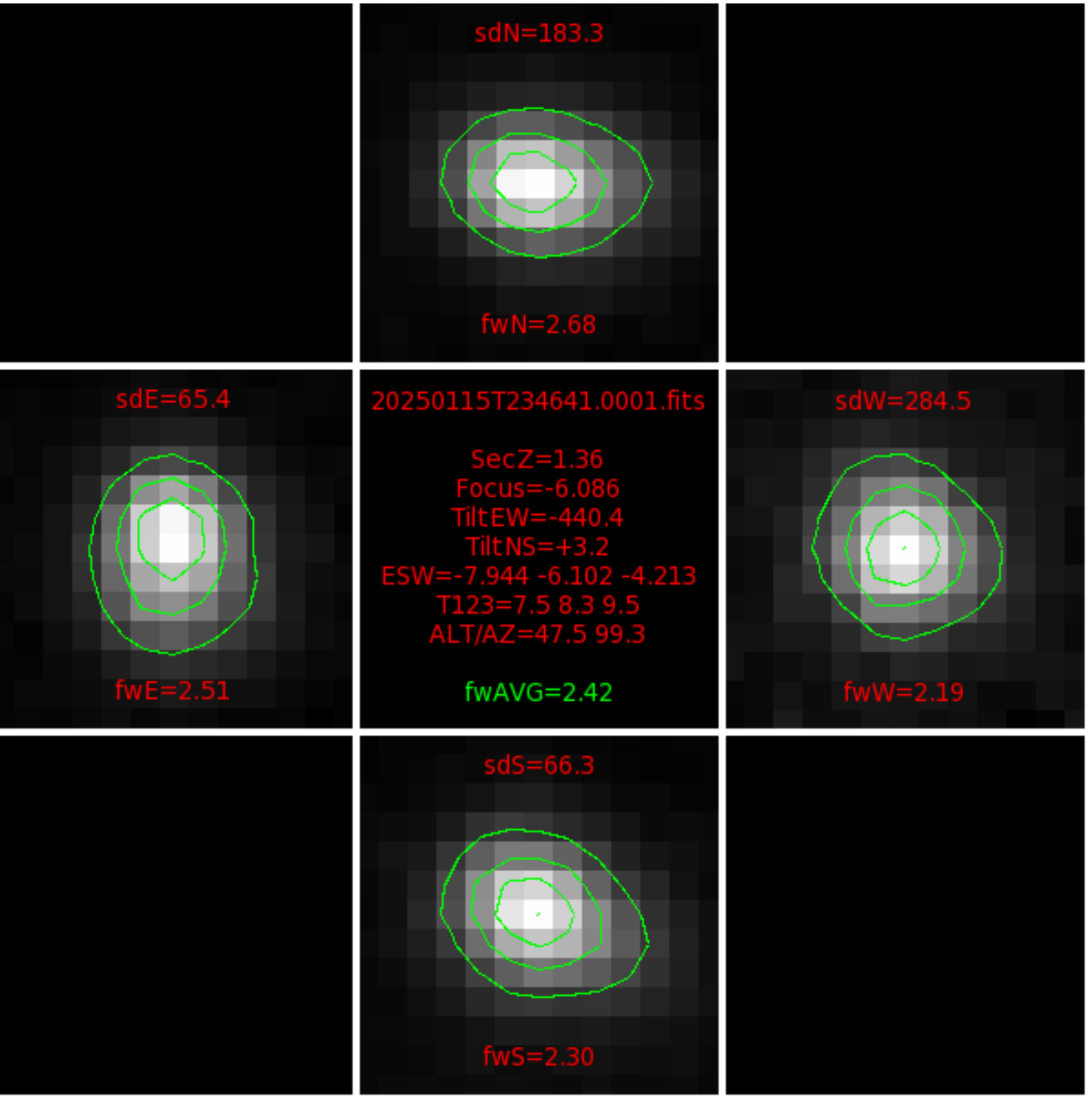
sdN=183.3
fwN=2.68
sdE=65.4
fwE=2.51
20250115T234641.0001.fits
SecZ=1.36
Focus=-6.086
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.944 -6.102 -4.213
T123=7.5 8.3 9.5
ALT/AZ=47.5 99.3
fwAVG=2.42
sdW=284.5
fwW=2.19
sdS=66.3
fwS=2.30
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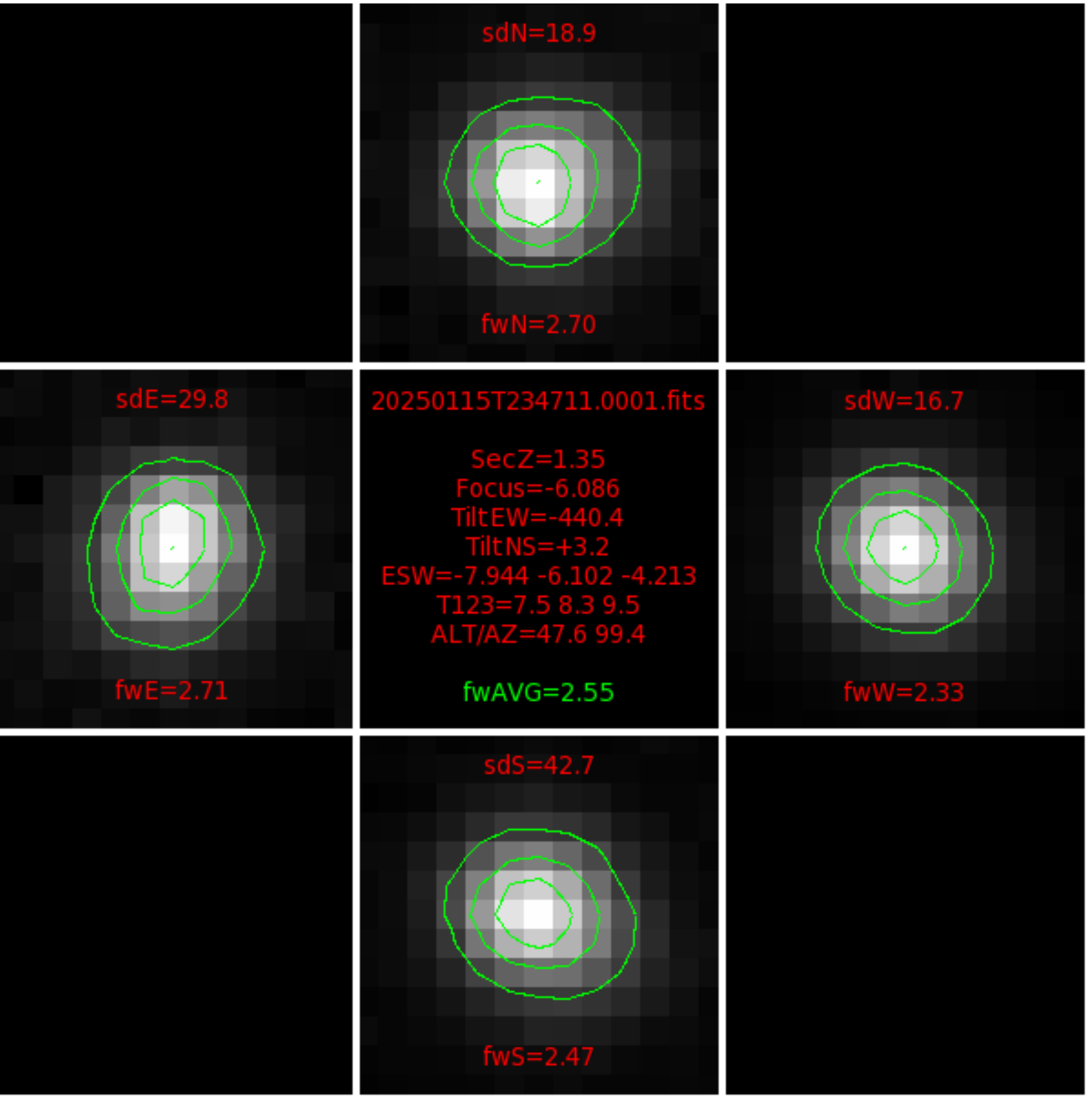
sdN=18.9
fwN=2.70
sdE=29.8
fwE=2.71
20250115T234711.0001.fits
SecZ=1.35
Focus=-6.086
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.944 -6.102 -4.213
T123=7.5 8.3 9.5
ALT/AZ=47.6 99.4
fwAVG=2.55
sdW=16.7
fwW=2.33
sdS=42.7
fwS=2.47
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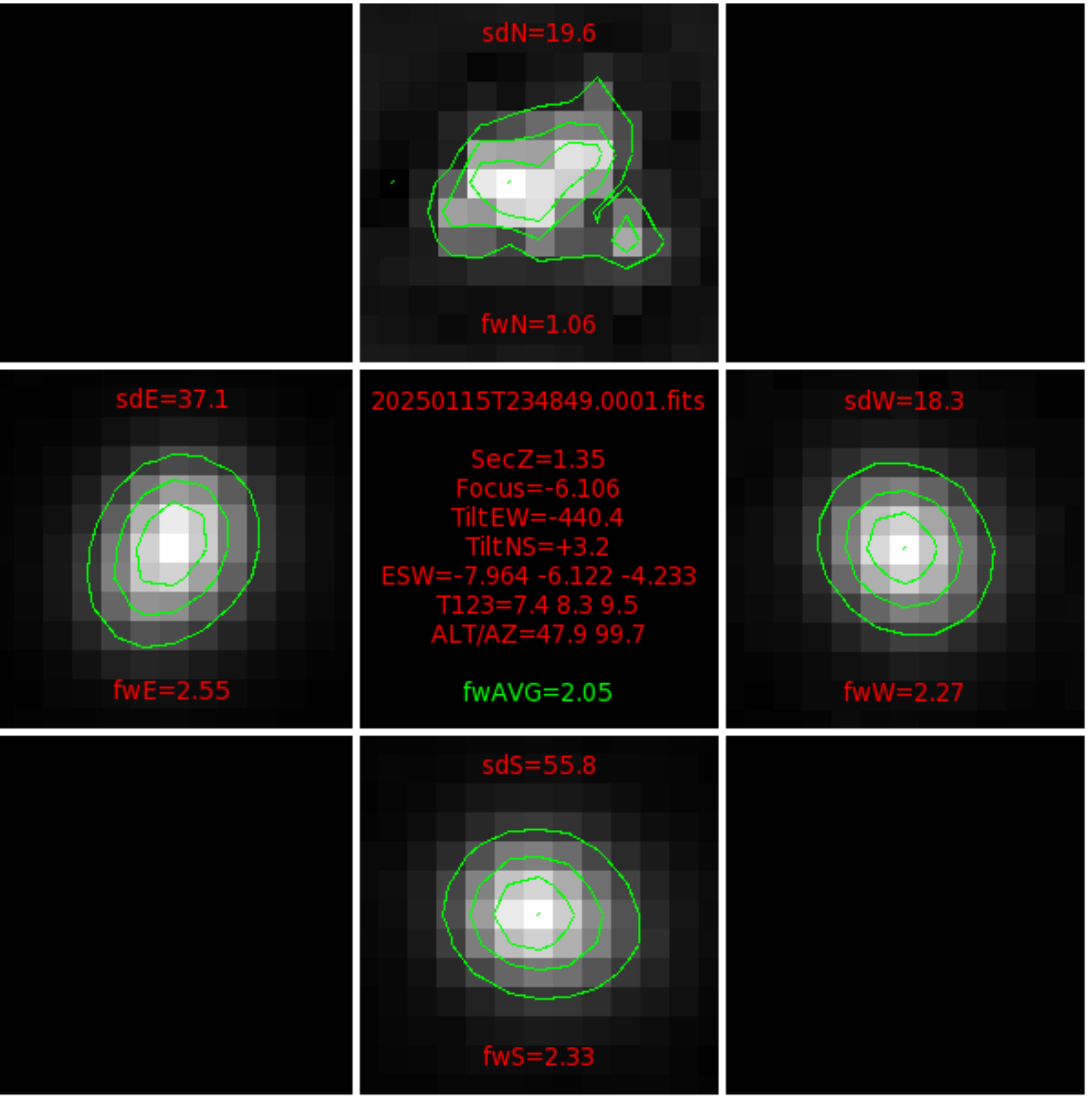
sdN=19.6
fwN=1.06
sdE=37.1
fwE=2.55
20250115T234849.0001.fits
SecZ=1.35
Focus=-6.106
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.964 -6.122 -4.233
T123=7.4 8.3 9.5
ALT/AZ=47.9 99.7
fwAVG=2.05
sdW=18.3
fwW=2.27
sdS=55.8
fwS=2.33
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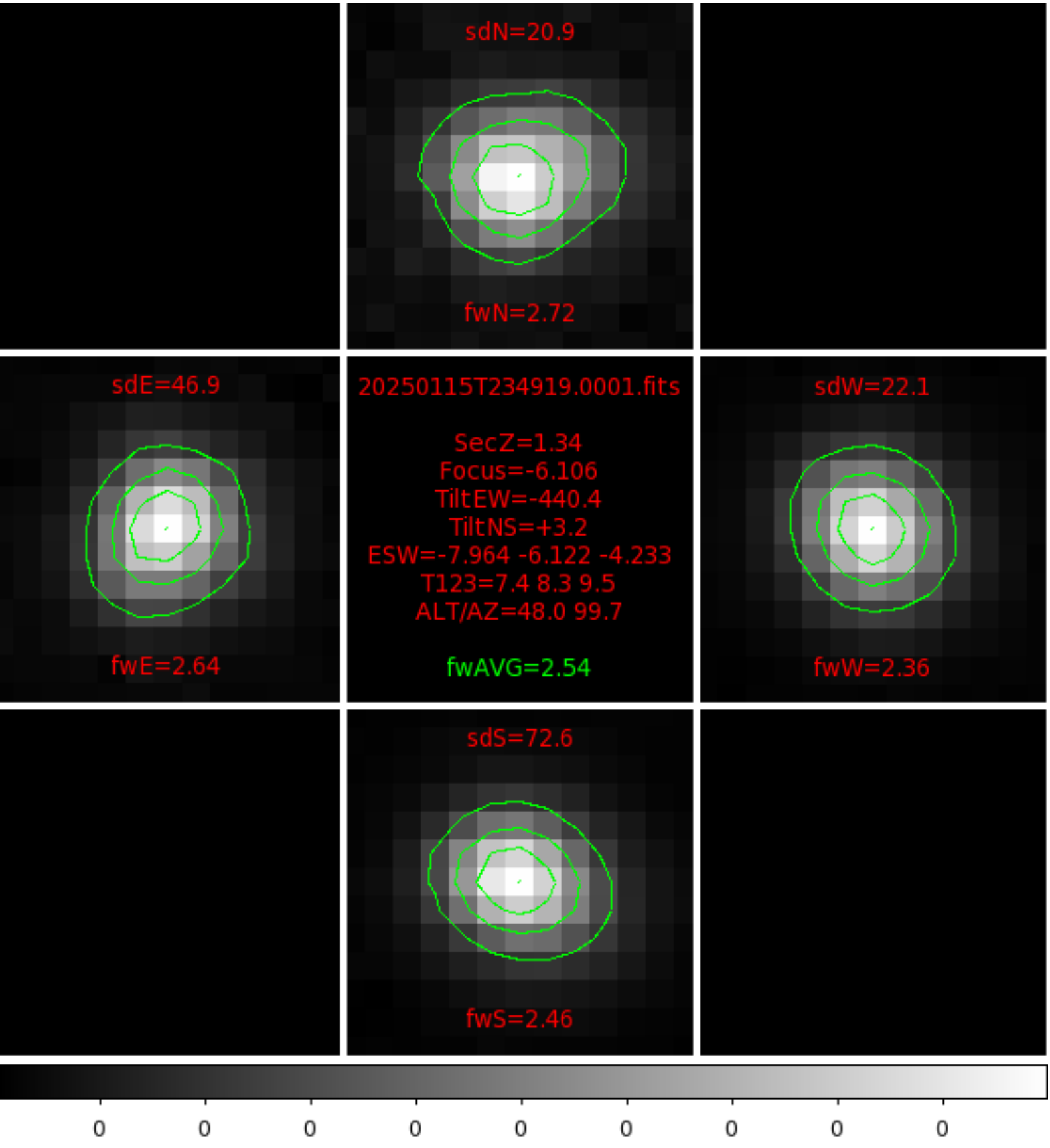
sdN=20.9
fwN=2.72
sdE=46.9
fwE=2.64
20250115T234919.0001.fits
SecZ=1.34
Focus=-6.106
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.964 -6.122 -4.233
T123=7.4 8.3 9.5
ALT/AZ=48.0 99.7
fwAVG=2.54
sdW=22.1
fwW=2.36
sdS=72.6
fwS=2.46
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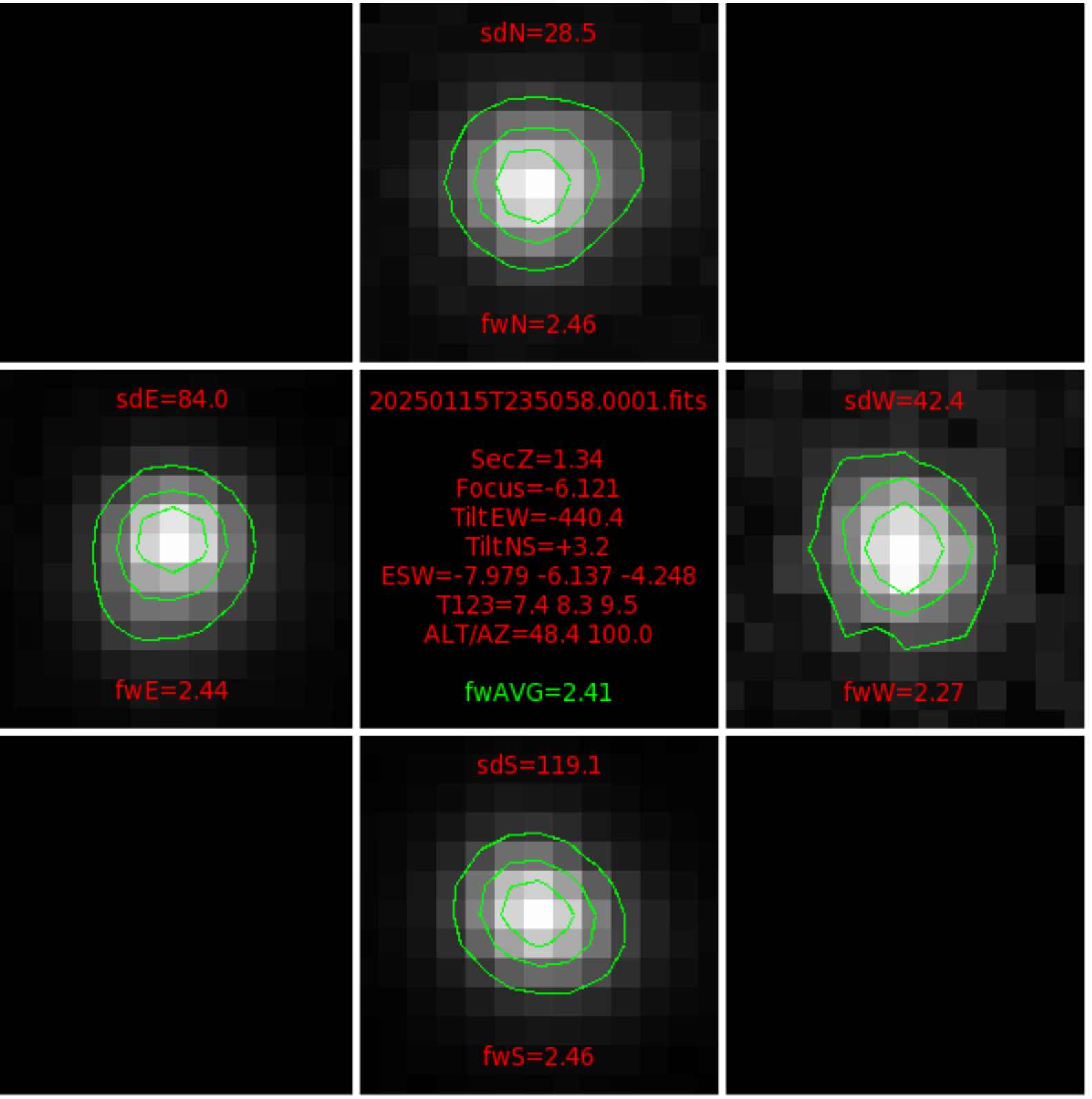
sdN=28.5
fwN=2.46
sdE=84.0
fwE=2.44
20250115T235058.0001.fits
SecZ=1.34
Focus=-6.121
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.979 -6.137 -4.248
T123=7.4 8.3 9.5
ALT/AZ=48.4 100.0
fwAVG=2.41
sdW=42.4
fwW=2.27
sdS=119.1
fwS=2.46
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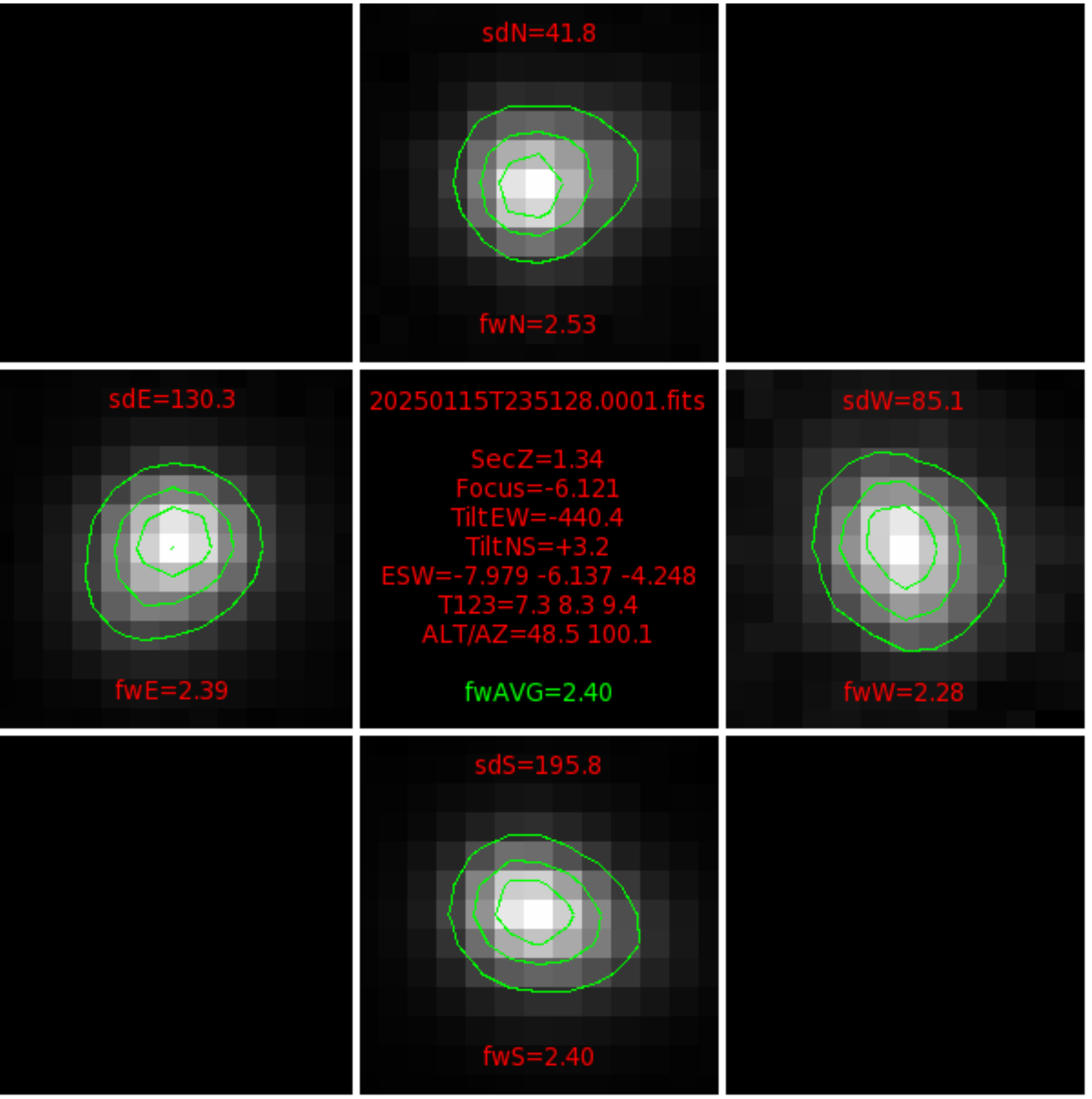
sdN=41.8
fwN=2.53
sdE=130.3
fwE=2.39
20250115T235128.0001.fits
SecZ=1.34
Focus=-6.121
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.979 -6.137 -4.248
T123=7.3 8.3 9.4
ALT/AZ=48.5 100.1
fwAVG=2.40
sdW=85.1
fwW=2.28
sdS=195.8
fwS=2.40
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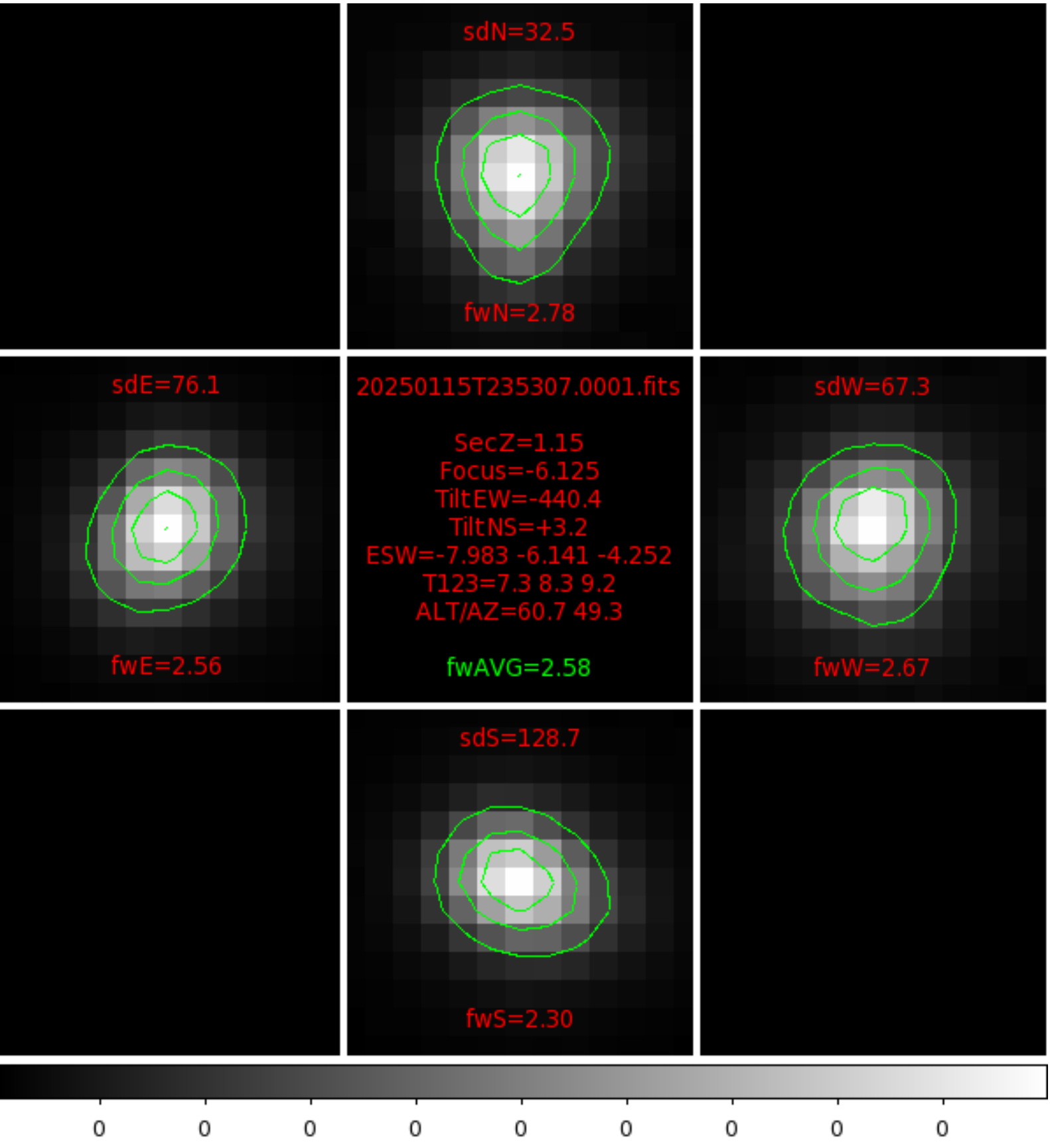
sdN=32.5
fwN=2.78
sdE=76.1
fwE=2.56
20250115T235307.0001.fits
SecZ=1.15
Focus=-6.125
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.983 -6.141 -4.252
T123=7.3 8.3 9.2
ALT/AZ=60.7 49.3
fwAVG=2.58
sdW=67.3
fwW=2.67
sdS=128.7
fwS=2.30
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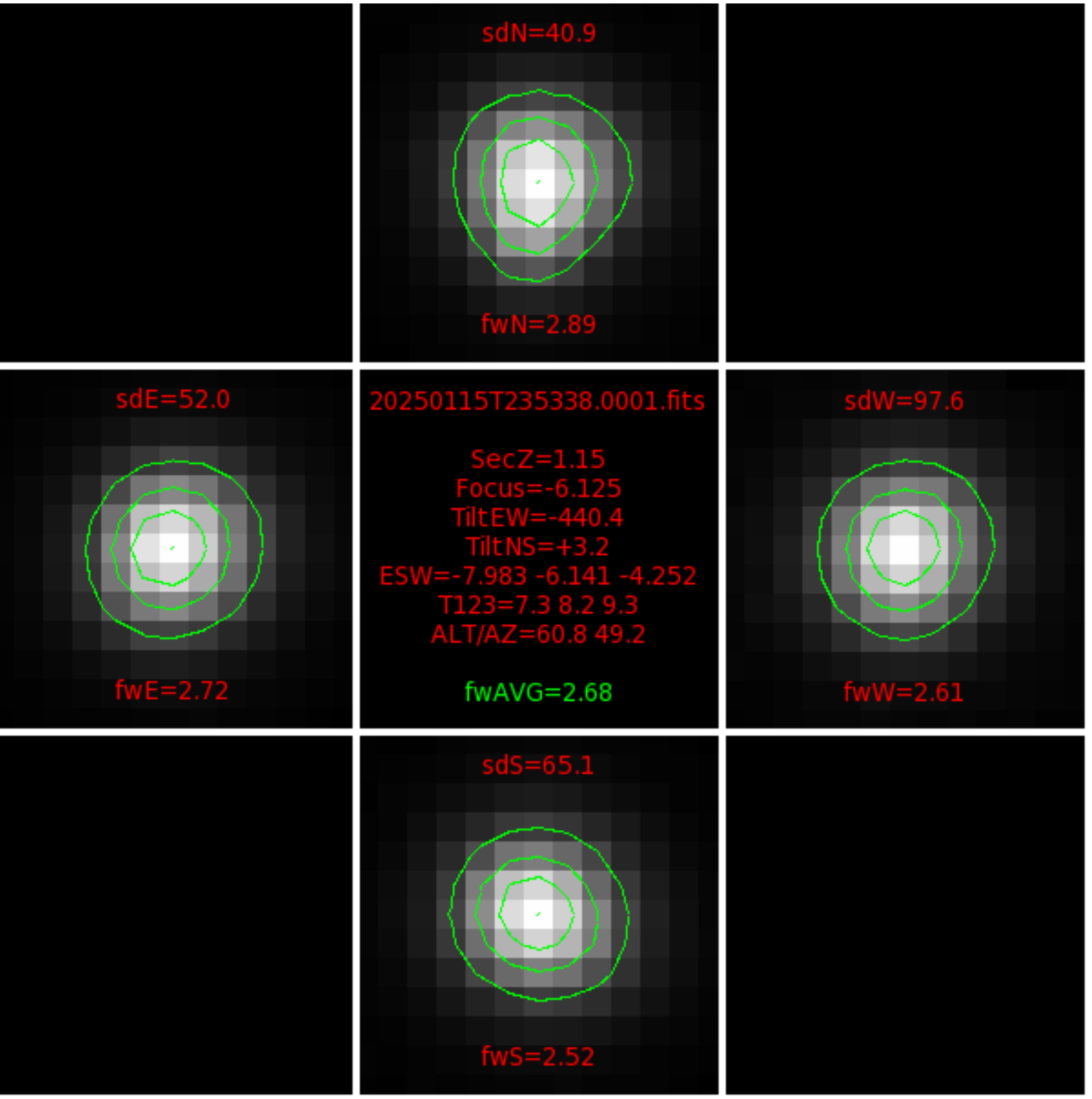
sdN=40.9
fwN=2.89
sdE=52.0
fwE=2.72
20250115T235338.0001.fits
SecZ=1.15
Focus=-6.125
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.983 -6.141 -4.252
T123=7.3 8.2 9.3
ALT/AZ=60.8 49.2
fwAVG=2.68
sdW=97.6
fwW=2.61
sdS=65.1
fwS=2.52
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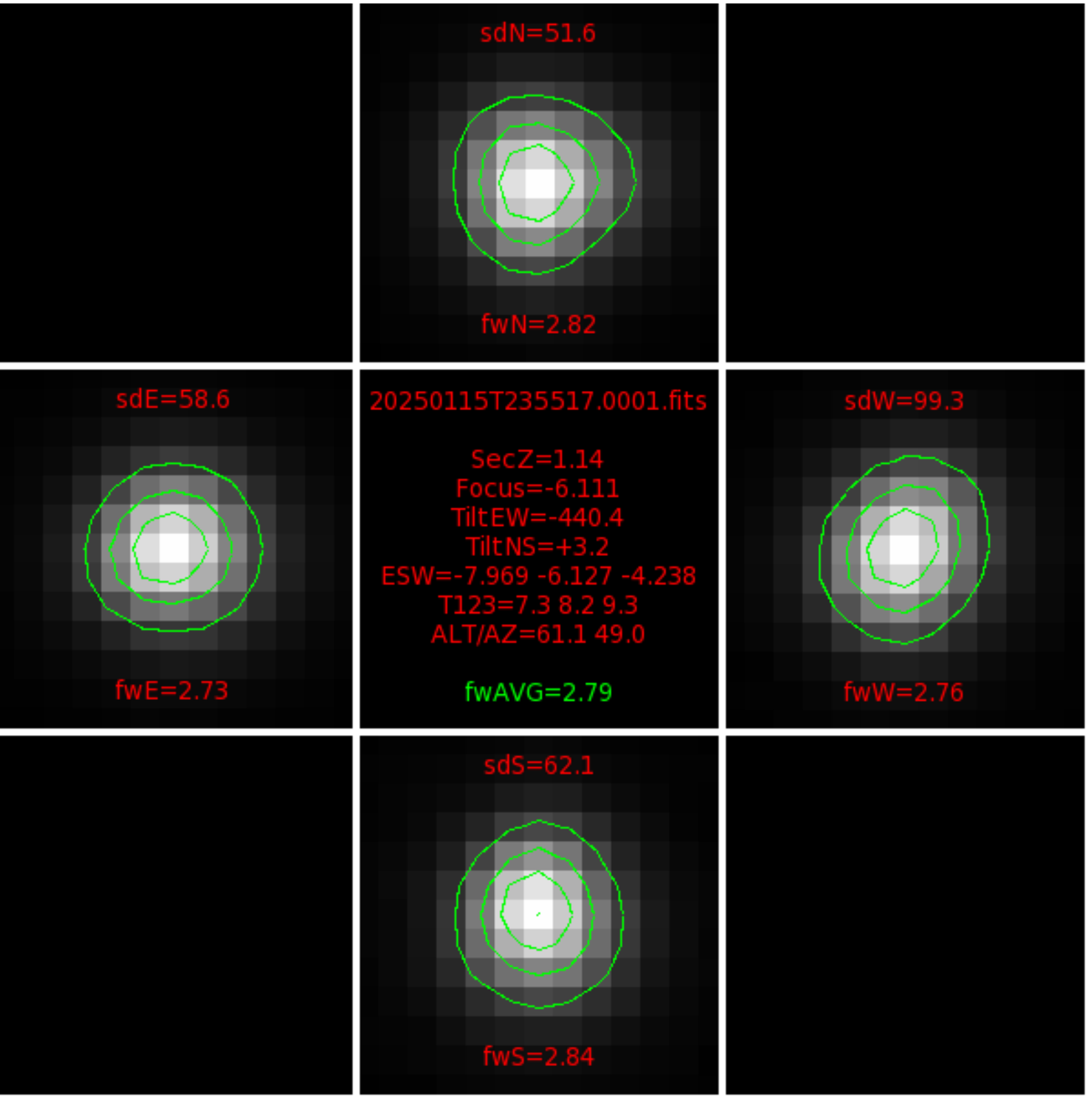
sdN=51.6
fwN=2.82
sdE=58.6
fwE=2.73
20250115T235517.0001.fits
SecZ=1.14
Focus=-6.111
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.969 -6.127 -4.238
T123=7.3 8.2 9.3
ALT/AZ=61.1 49.0
fwAVG=2.79
sdW=99.3
fwW=2.76
sdS=62.1
fwS=2.84
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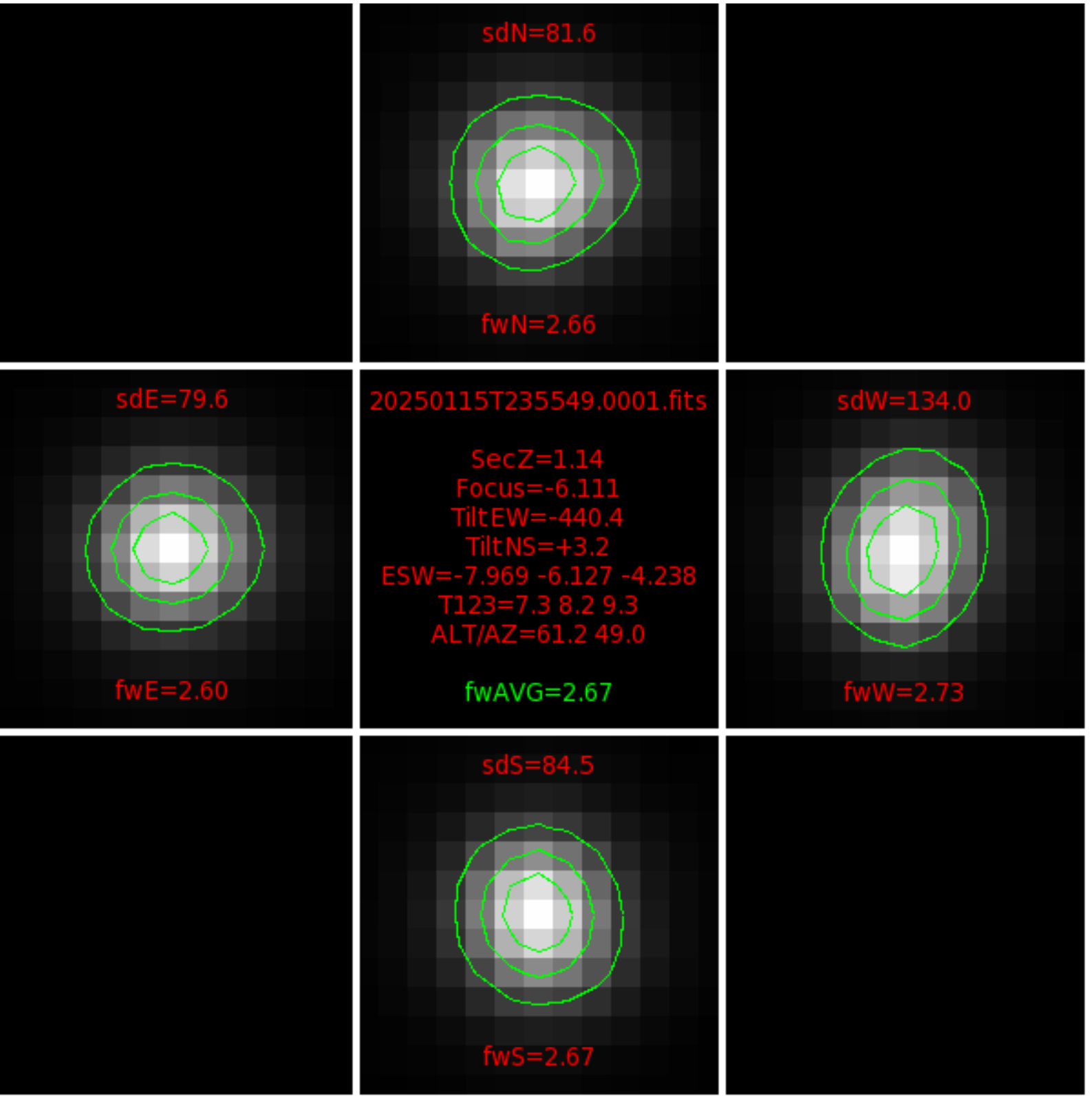
sdN=81.6
fwN=2.66
sdE=79.6
fwE=2.60
20250115T235549.0001.fits
SecZ=1.14
Focus=-6.111
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.969 -6.127 -4.238
T123=7.3 8.2 9.3
ALT/AZ=61.2 49.0
fwAVG=2.67
sdW=134.0
fwW=2.73
sdS=84.5
fwS=2.67
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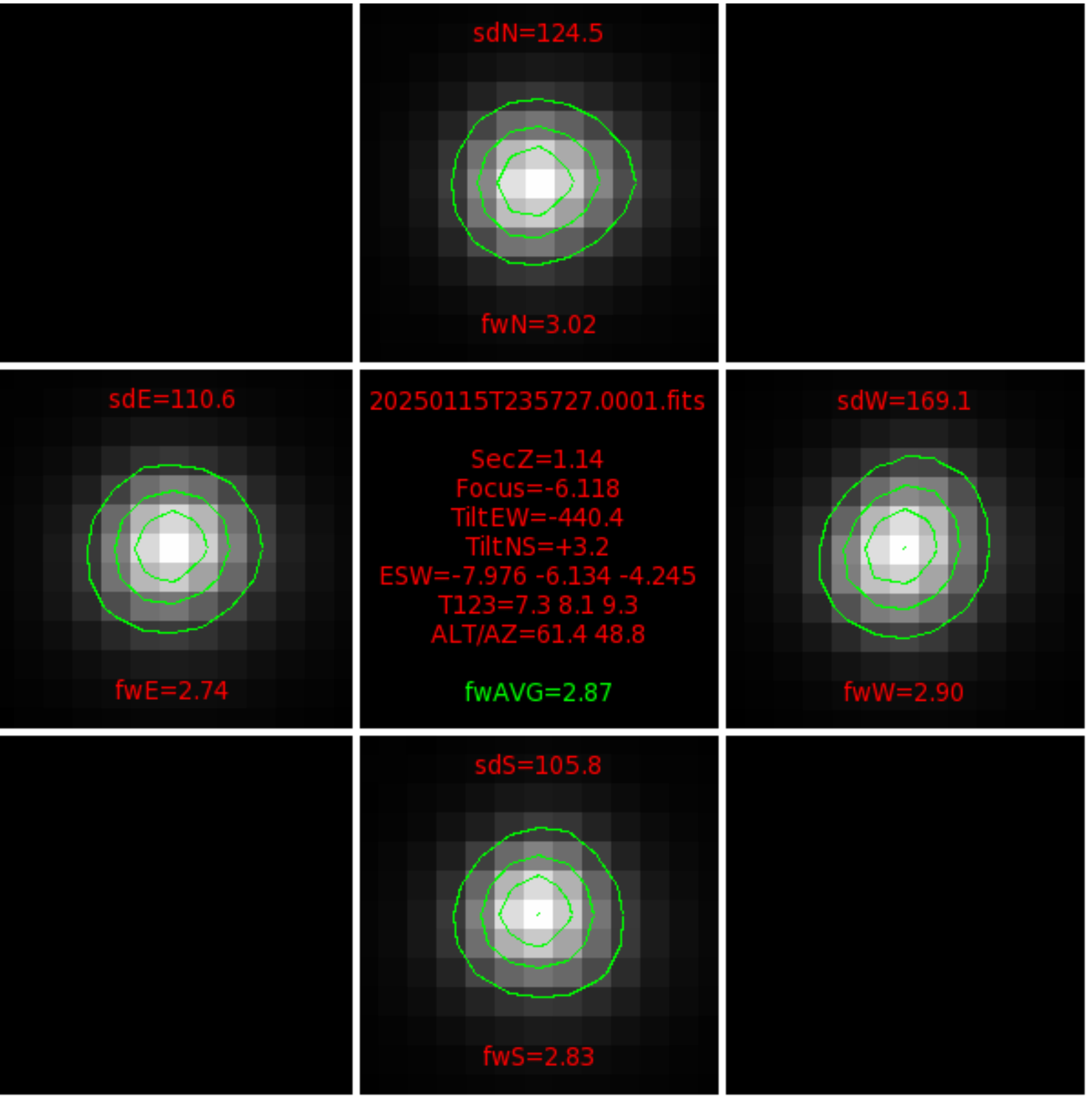
sdN=124.5
fwN=3.02
sdE=110.6
fwE=2.74
20250115T235727.0001.fits
SecZ=1.14
Focus=-6.118
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.976 -6.134 -4.245
T123=7.3 8.1 9.3
ALT/AZ=61.4 48.8
fwAVG=2.87
sdW=169.1
fwW=2.90
sdS=105.8
fwS=2.83
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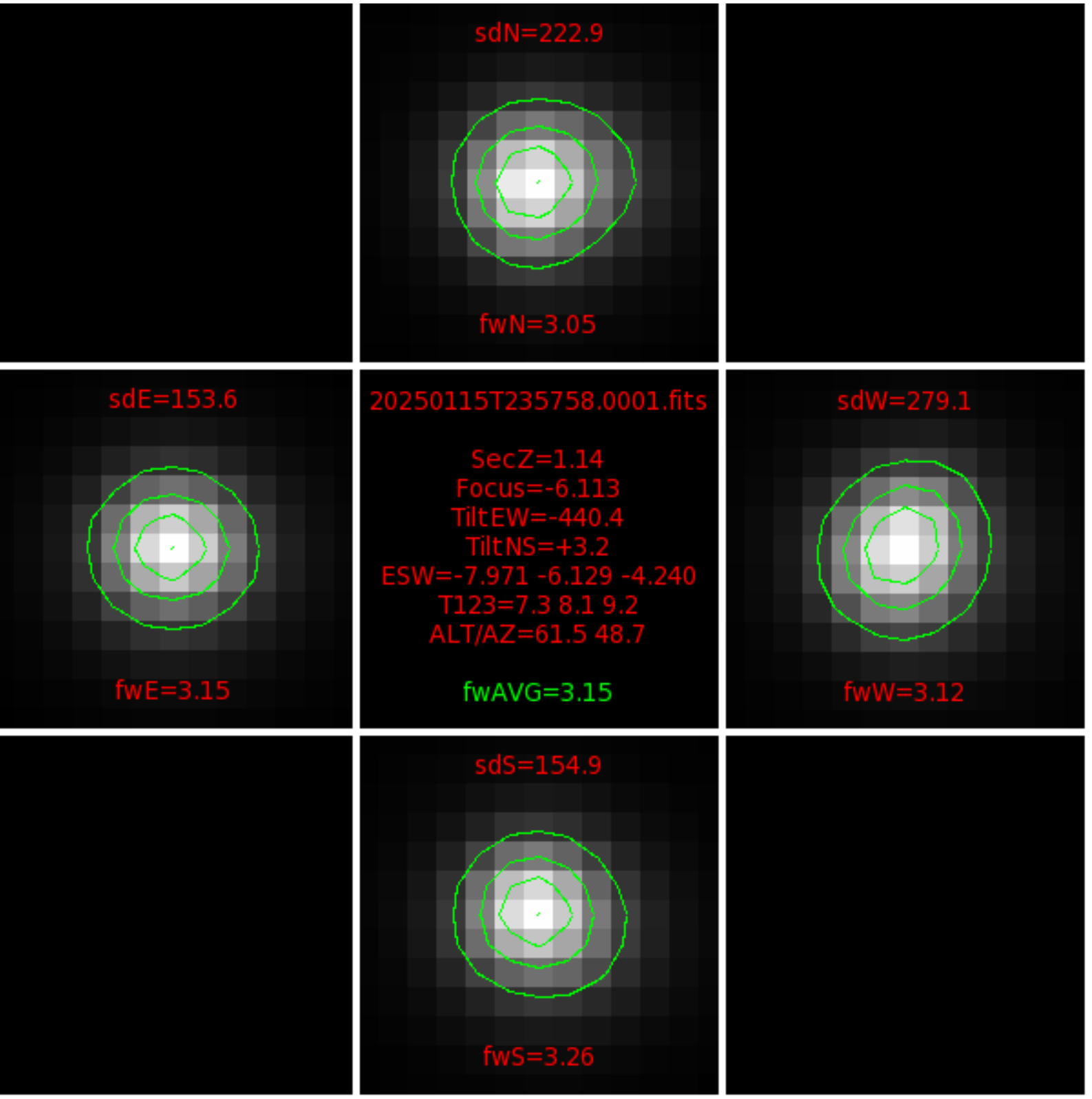
sdN=222.9
fwN=3.05
sdE=153.6
fwE=3.15
20250115T235758.0001.fits
SecZ=1.14
Focus=-6.113
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.971 -6.129 -4.240
T123=7.3 8.1 9.2
ALT/AZ=61.5 48.7
fwAVG=3.15
sdW=279.1
fwW=3.12
sdS=154.9
fwS=3.26
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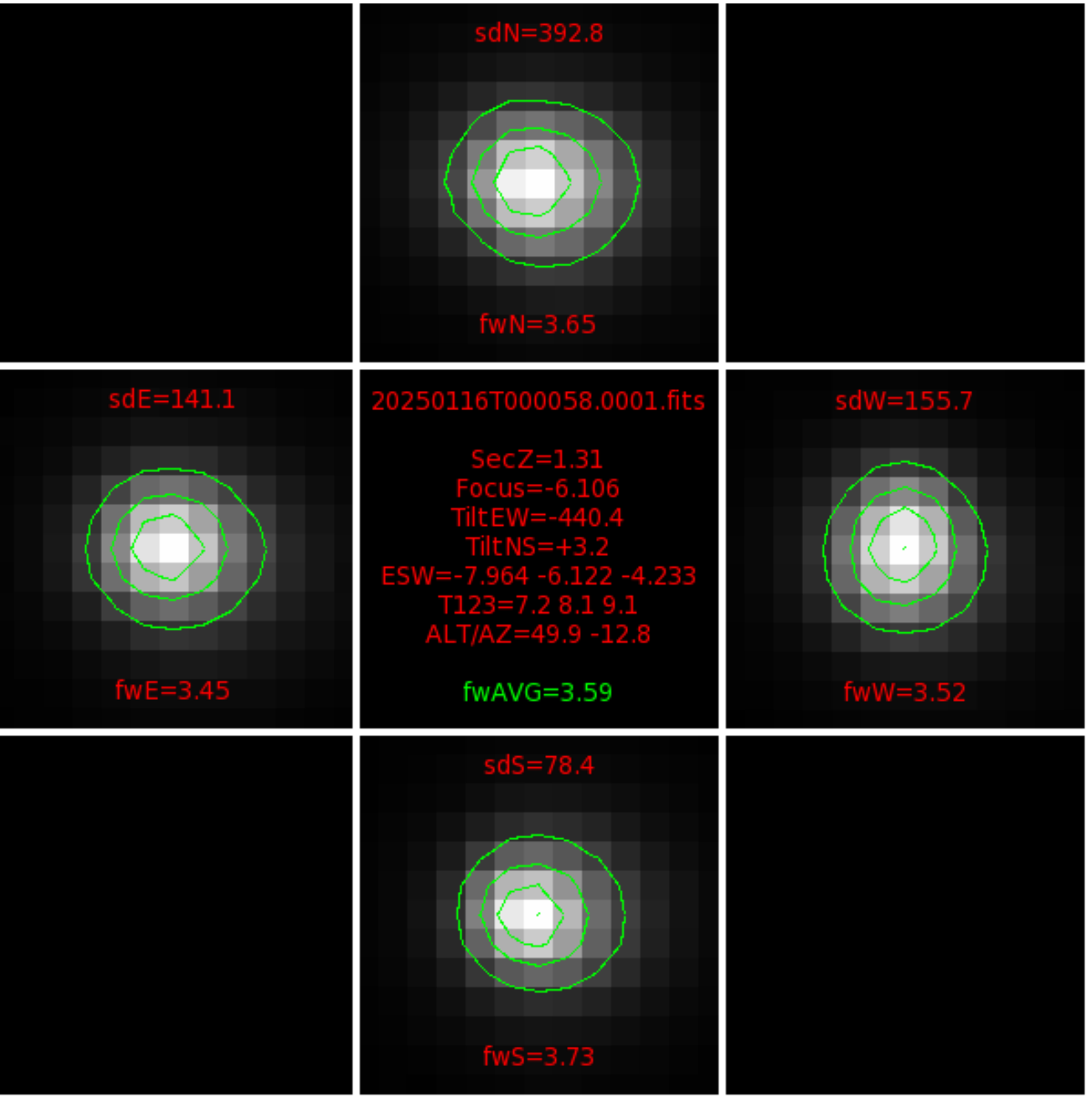
sdN=392.8
fwN=3.65
sdE=141.1
fwE=3.45
20250116T000058.0001.fits
SecZ=1.31
Focus=-6.106
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.964 -6.122 -4.233
T123=7.2 8.1 9.1
ALT/AZ=49.9 -12.8
fwAVG=3.59
sdW=155.7
fwW=3.52
sdS=78.4
fwS=3.73
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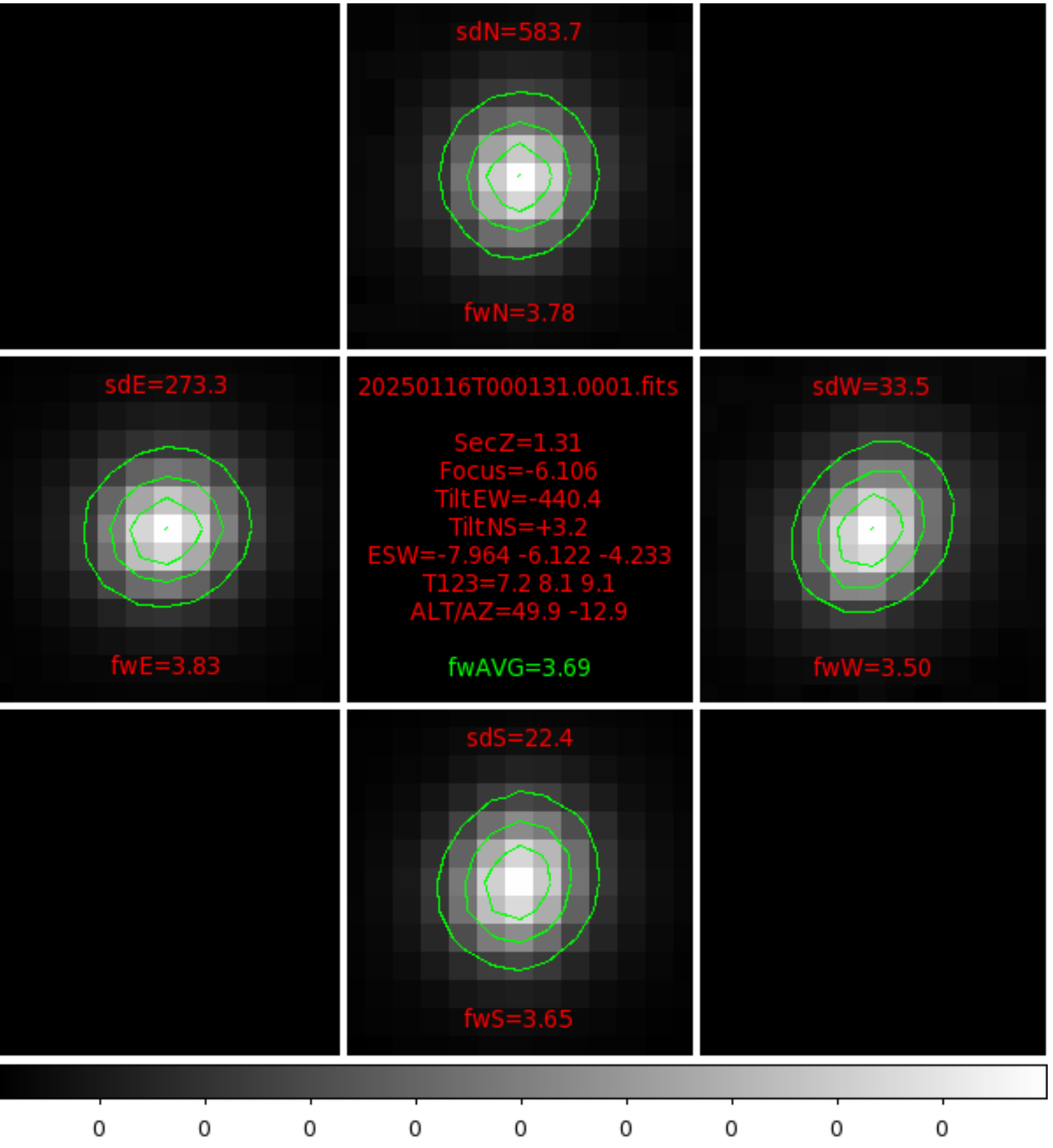
sdN=583.7
fwN=3.78
sdE=273.3
fwE=3.83
20250116T000131.0001.fits
SecZ=1.31
Focus=-6.106
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.964 -6.122 -4.233
T123=7.2 8.1 9.1
ALT/AZ=49.9 -12.9
fwAVG=3.69
sdW=33.5
fwW=3.50
sdS=22.4
fwS=3.65
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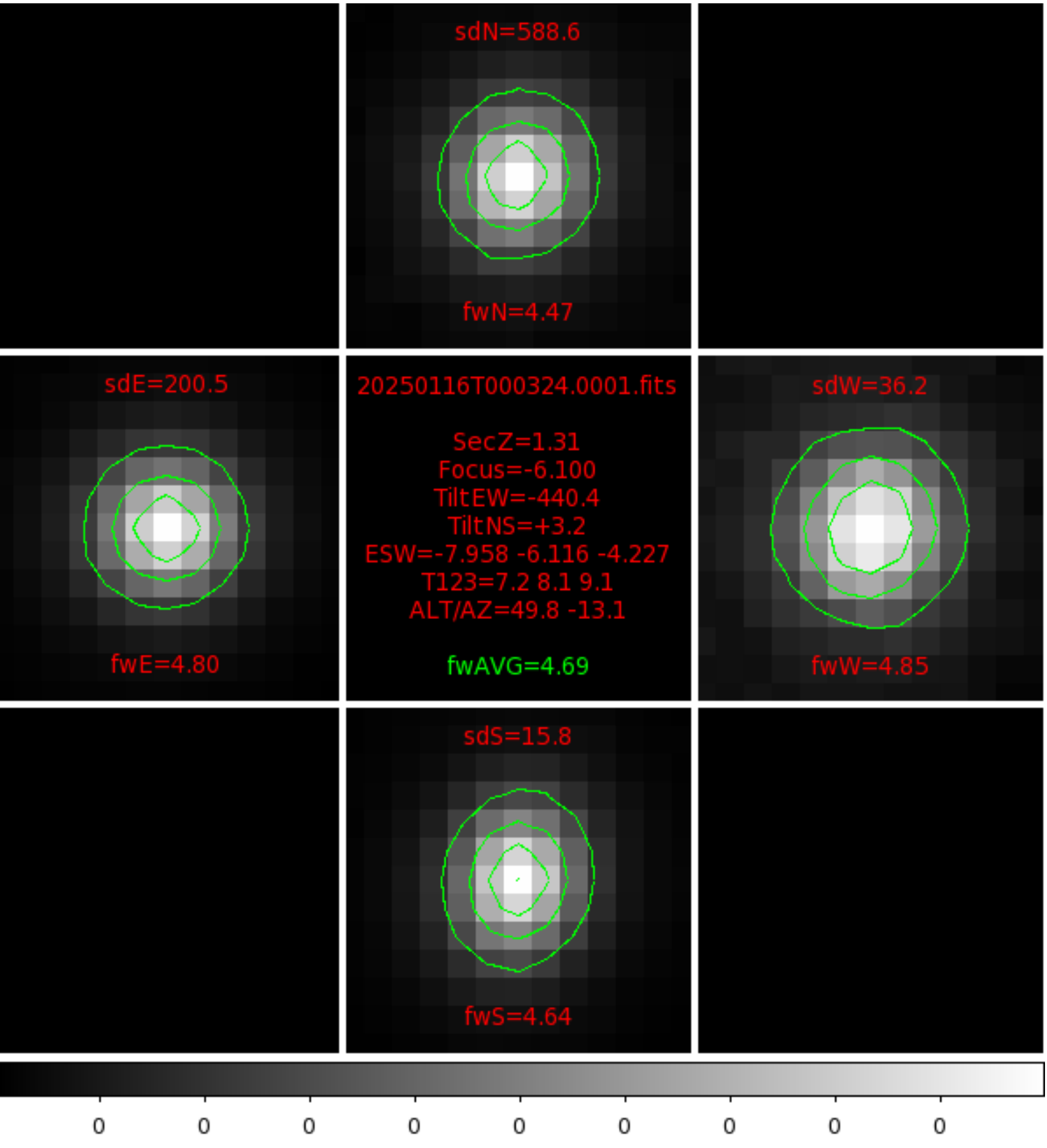
sdN=588.6
fwN=4.47
sdE=200.5
fwE=4.80
20250116T000324.0001.fits
SecZ=1.31
Focus=-6.100
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.958 -6.116 -4.227
T123=7.2 8.1 9.1
ALT/AZ=49.8 -13.1
fwAVG=4.69
sdW=36.2
fwW=4.85
sdS=15.8
fwS=4.64
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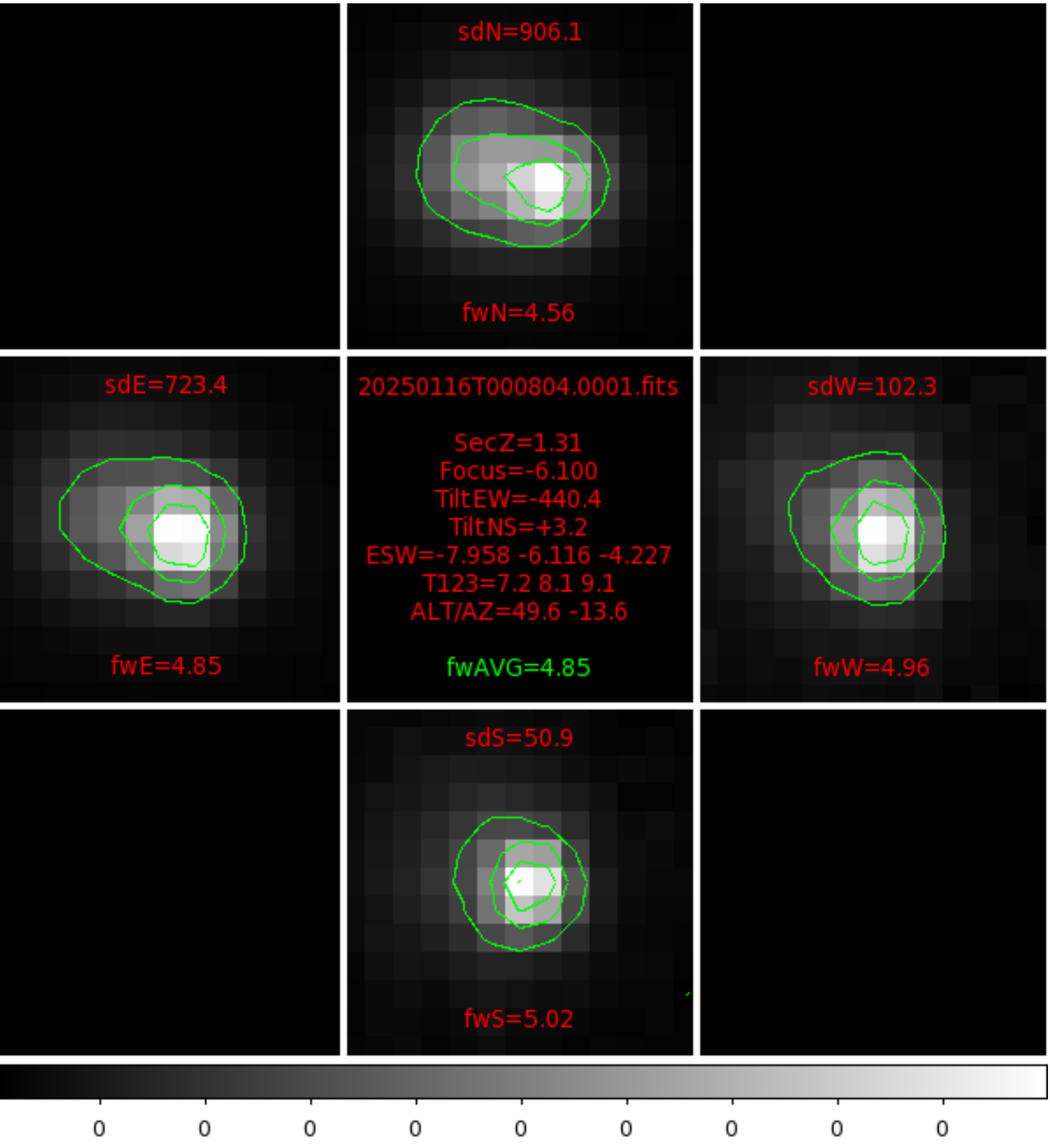
sdN=906.1
fwN=4.56
sdE=723.4
fwE=4.85
20250116T000804.0001.fits
SecZ=1.31
Focus=-6.100
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.958 -6.116 -4.227
T123=7.2 8.1 9.1
ALT/AZ=49.6 -13.6
fwAVG=4.85
sdW=102.3
fwW=4.96
sdS=50.9
fwS=5.02
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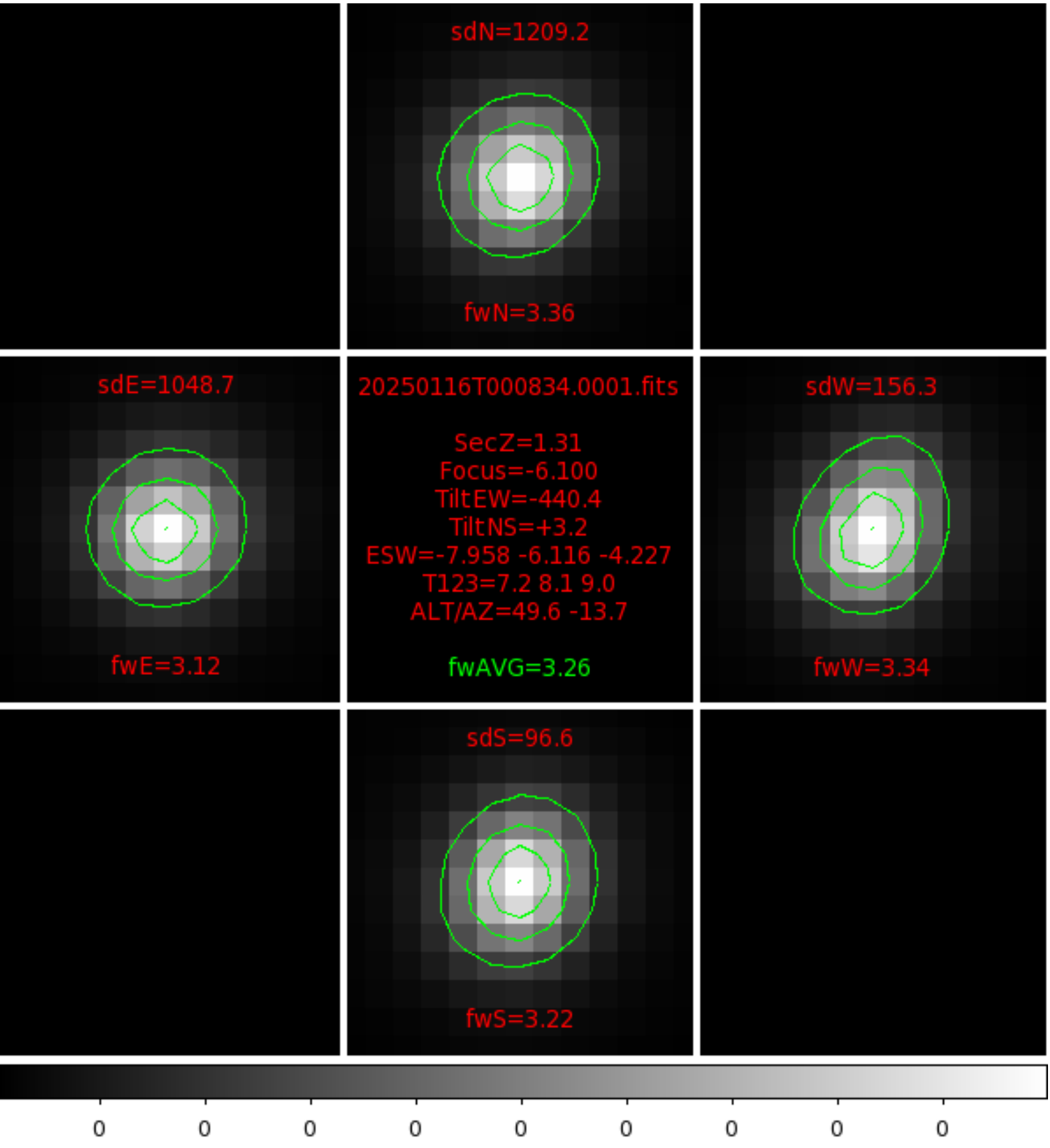
sdN=1209.2
fwN=3.36
sdE=1048.7
fwE=3.12
20250116T000834.0001.fits
SecZ=1.31
Focus=-6.100
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.958 -6.116 -4.227
T123=7.2 8.1 9.0
ALT/AZ=49.6 -13.7
fwAVG=3.26
sdW=156.3
fwW=3.34
sdS=96.6
fwS=3.22
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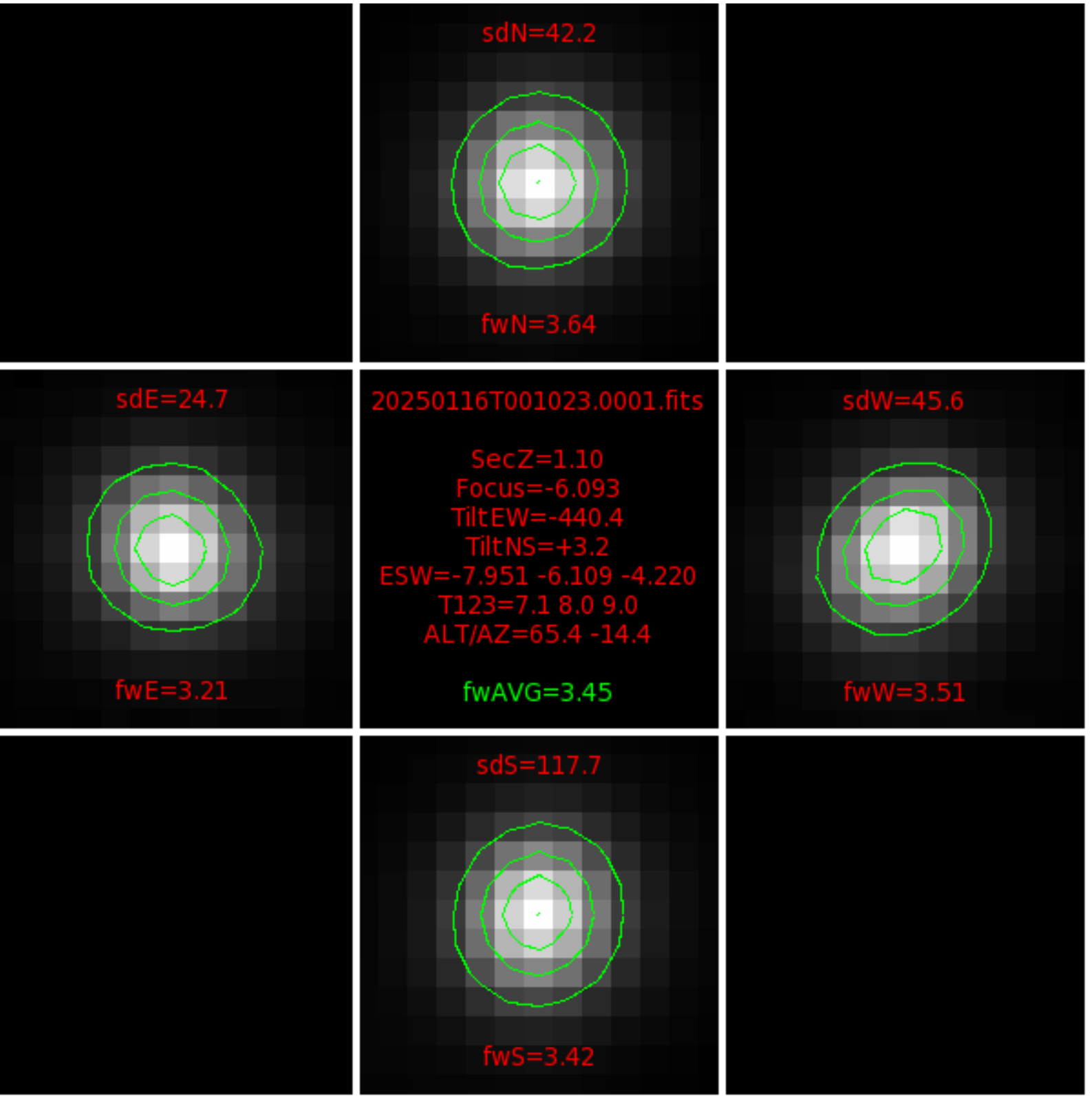
sdN=42.2
fwN=3.64
sdE=24.7
fwE=3.21
20250116T001023.0001.fits
SecZ=1.10
Focus=-6.093
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.951 -6.109 -4.220
T123=7.1 8.0 9.0
ALT/AZ=65.4 -14.4
fwAVG=3.45
sdW=45.6
fwW=3.51
sdS=117.7
fwS=3.42
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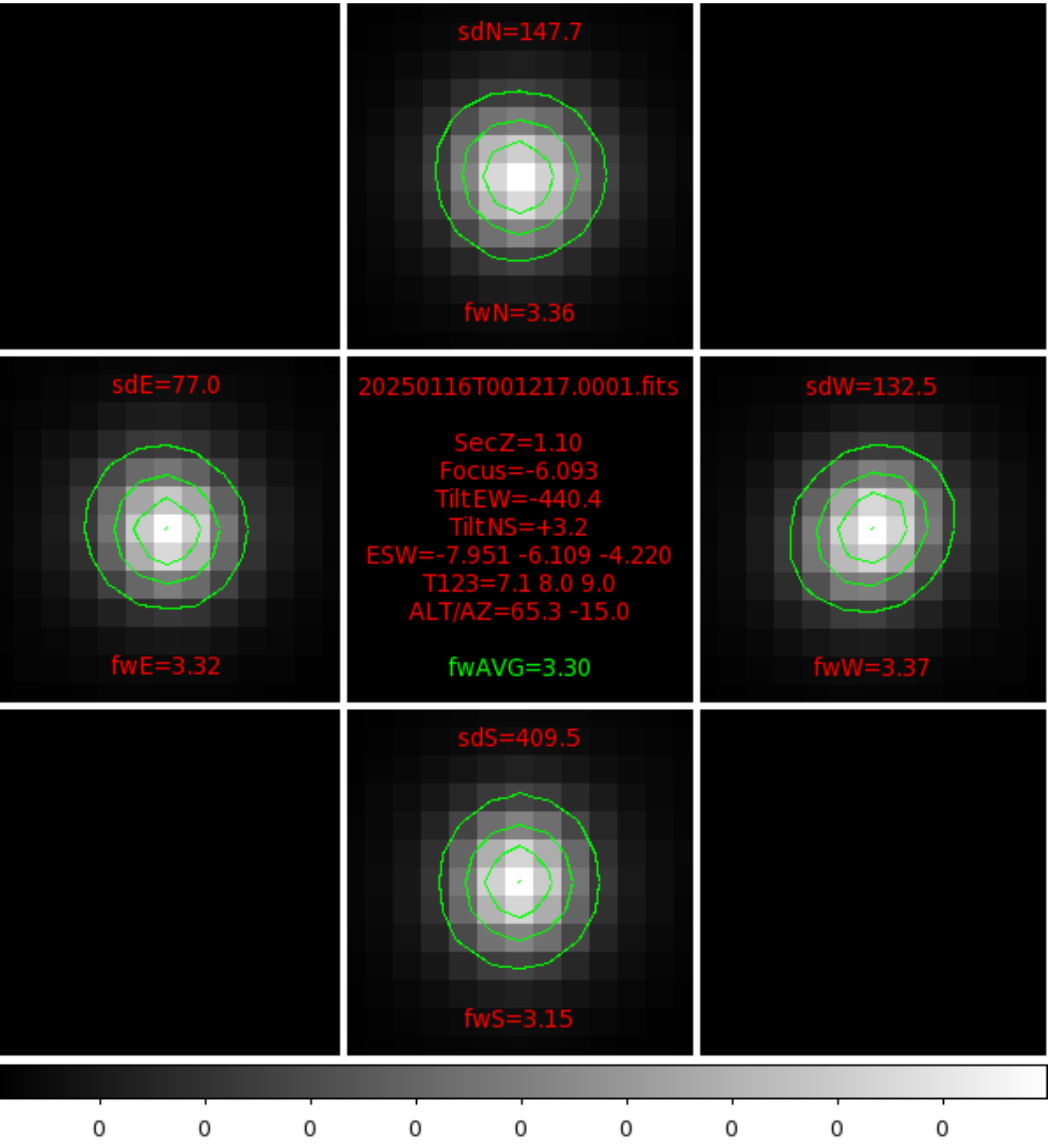
sdN=147.7
fwN=3.36
sdE=77.0
fwE=3.32
20250116T001217.0001.fits
SecZ=1.10
Focus=-6.093
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.951 -6.109 -4.220
T123=7.1 8.0 9.0
ALT/AZ=65.3 -15.0
fwAVG=3.30
sdW=132.5
fwW=3.37
sdS=409.5
fwS=3.15
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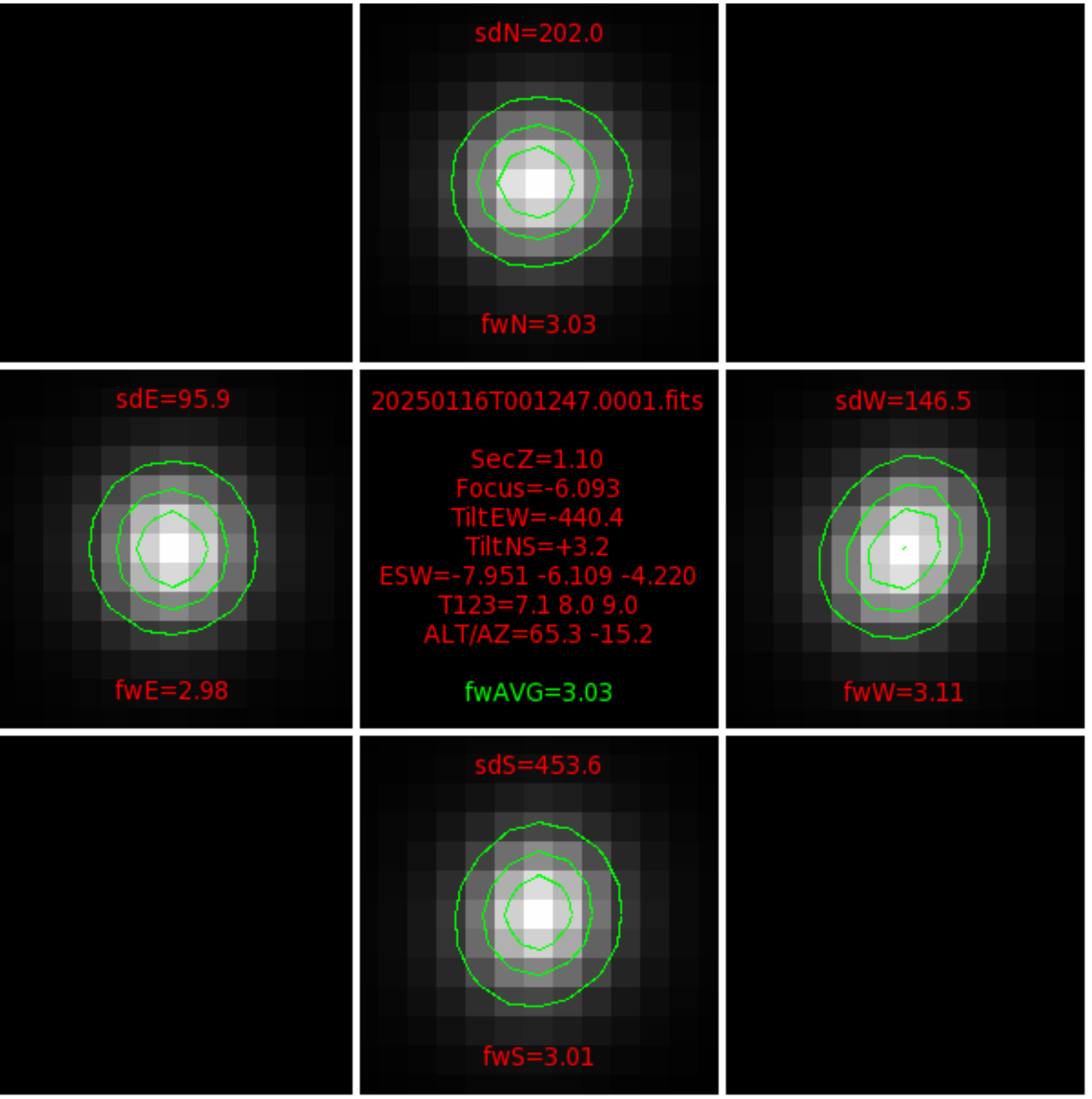
sdN=202.0
fwN=3.03
sdE=95.9
fwE=2.98
20250116T001247.0001.fits
SecZ=1.10
Focus=-6.093
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.951 -6.109 -4.220
T123=7.1 8.0 9.0
ALT/AZ=65.3 -15.2
fwAVG=3.03
sdW=146.5
fwW=3.11
sdS=453.6
fwS=3.01
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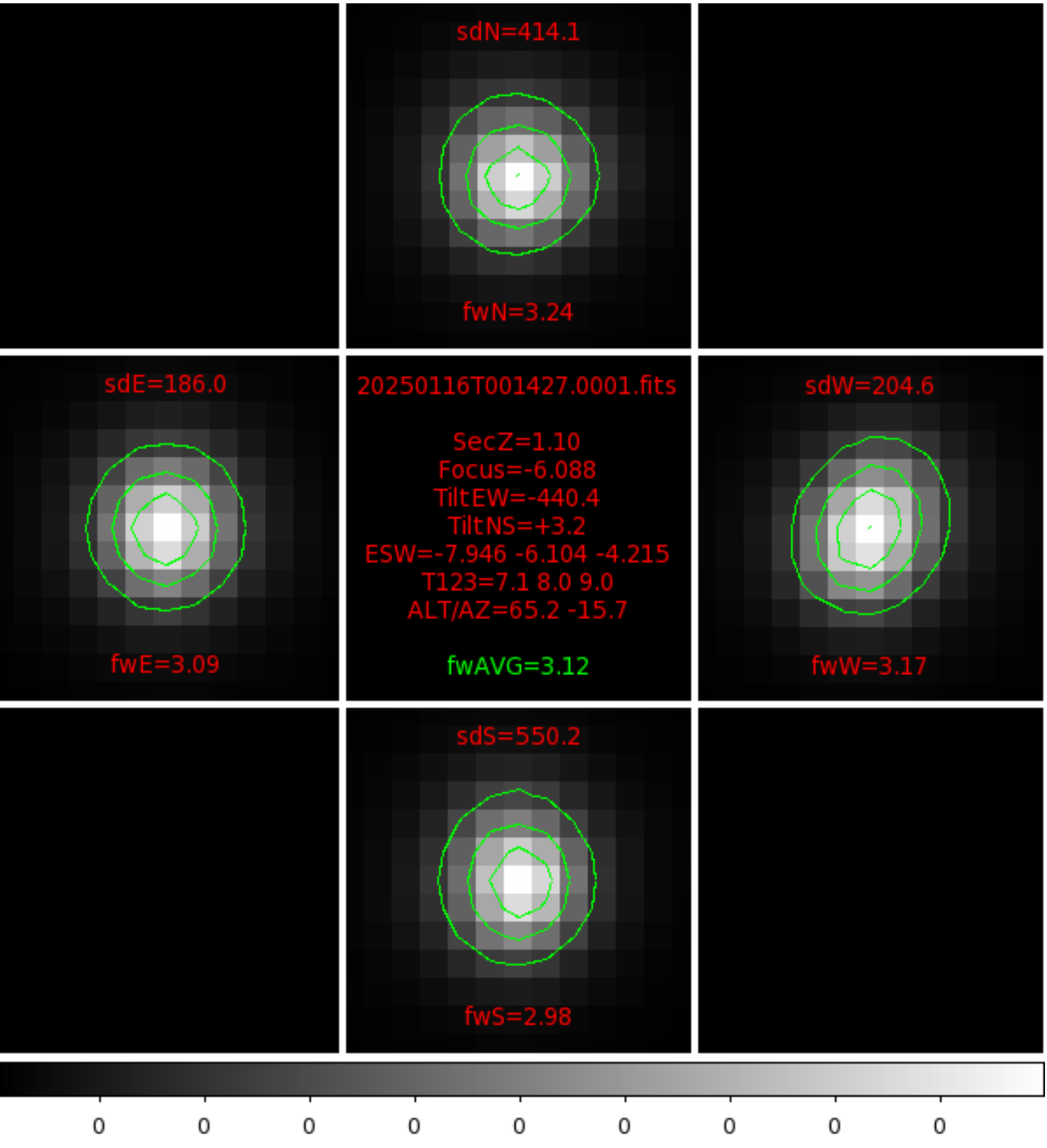
sdN=414.1
fwN=3.24
sdE=186.0
fwE=3.09
20250116T001427.0001.fits
SecZ=1.10
Focus=-6.088
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.946 -6.104 -4.215
T123=7.1 8.0 9.0
ALT/AZ=65.2 -15.7
fwAVG=3.12
sdW=204.6
fwW=3.17
sdS=550.2
fwS=2.98
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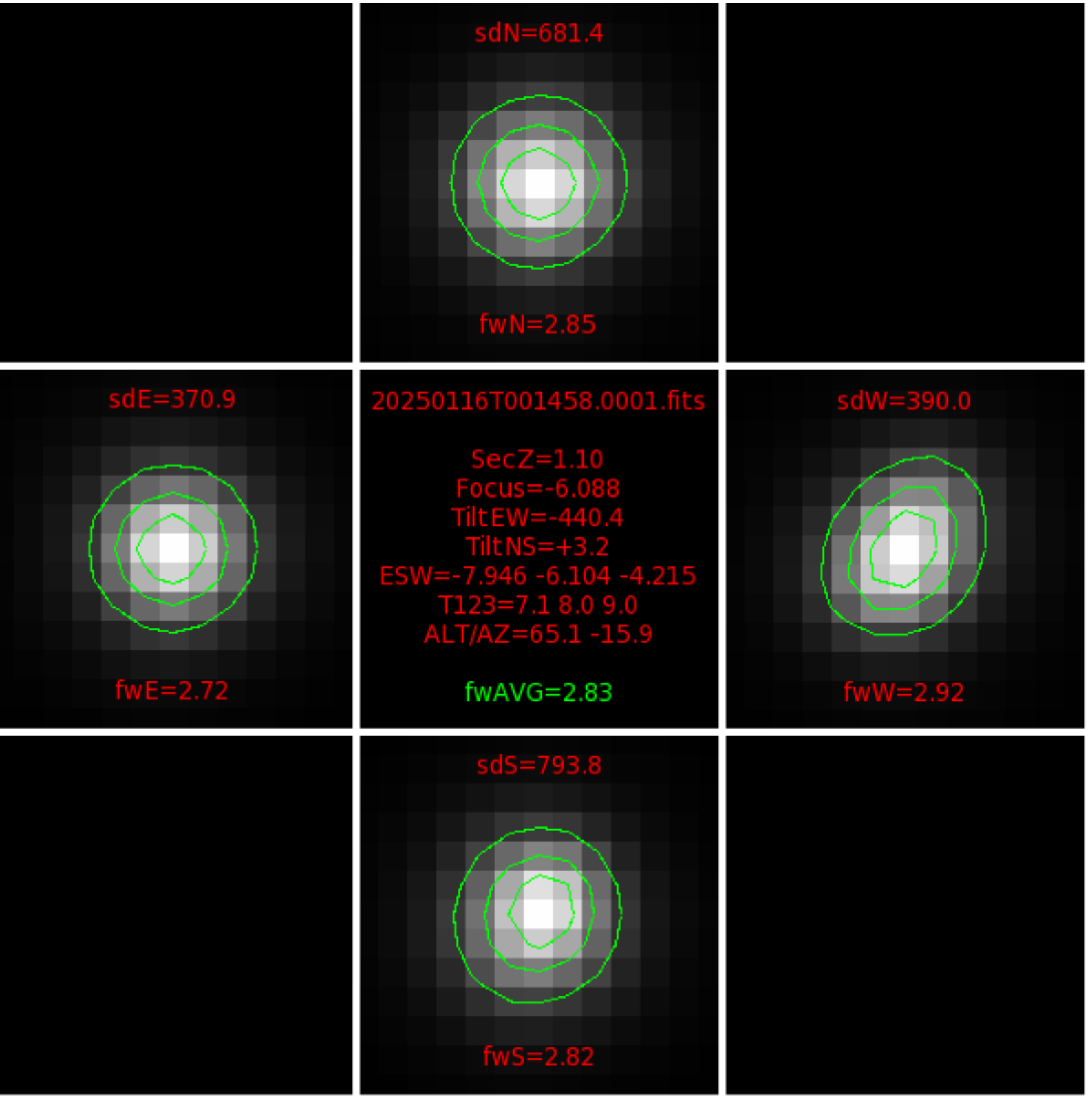
sdN=681.4
fwN=2.85
sdE=370.9
fwE=2.72
20250116T001458.0001.fits
SecZ=1.10
Focus=-6.088
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.946 -6.104 -4.215
T123=7.1 8.0 9.0
ALT/AZ=65.1 -15.9
fwAVG=2.83
sdW=390.0
fwW=2.92
sdS=793.8
fwS=2.82
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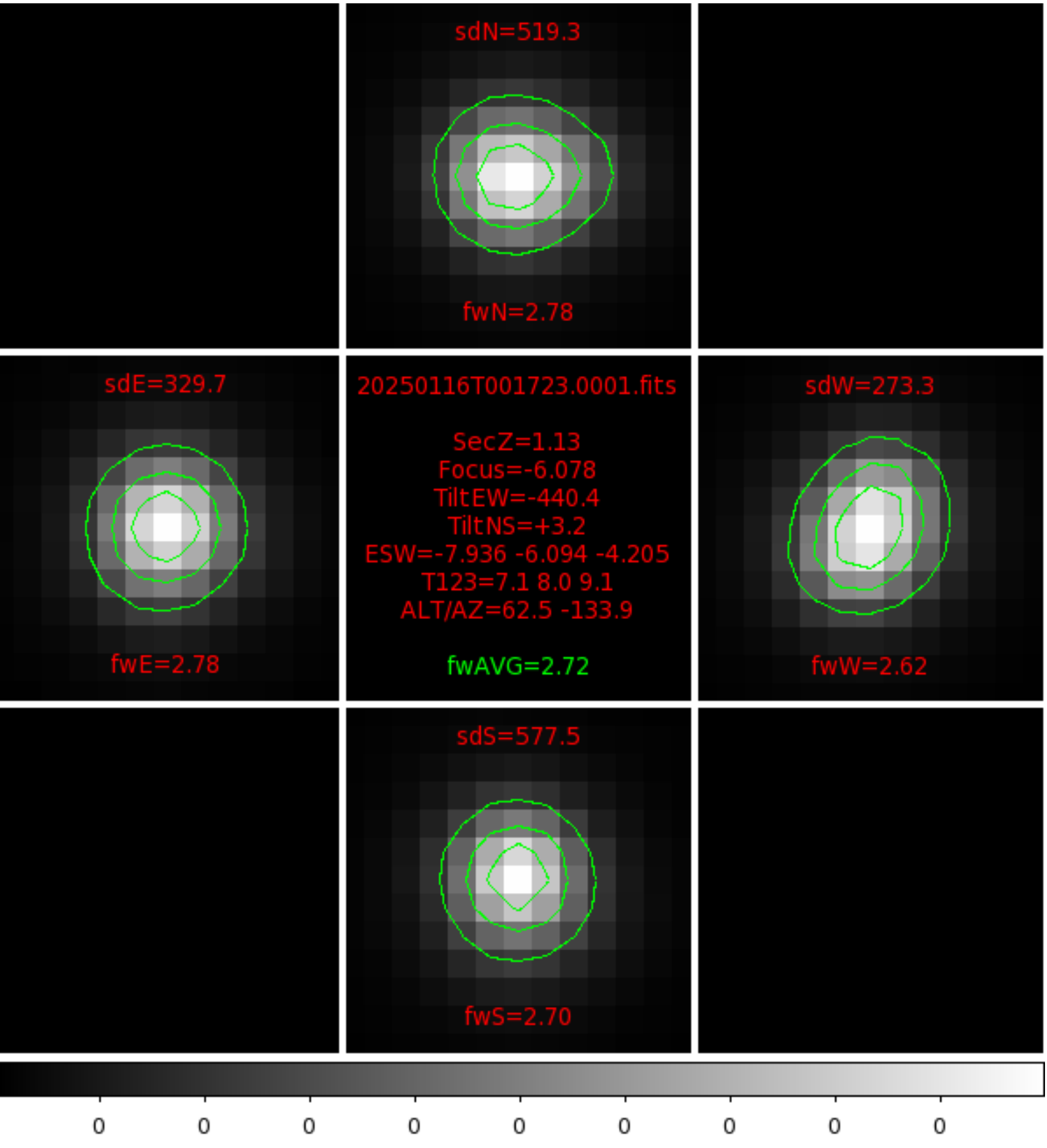
sdN=519.3
fwN=2.78
sdE=329.7
fwE=2.78
20250116T001723.0001.fits
SecZ=1.13
Focus=-6.078
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.936 -6.094 -4.205
T123=7.1 8.0 9.1
ALT/AZ=62.5 -133.9
fwAVG=2.72
sdW=273.3
fwW=2.62
sdS=577.5
fwS=2.70
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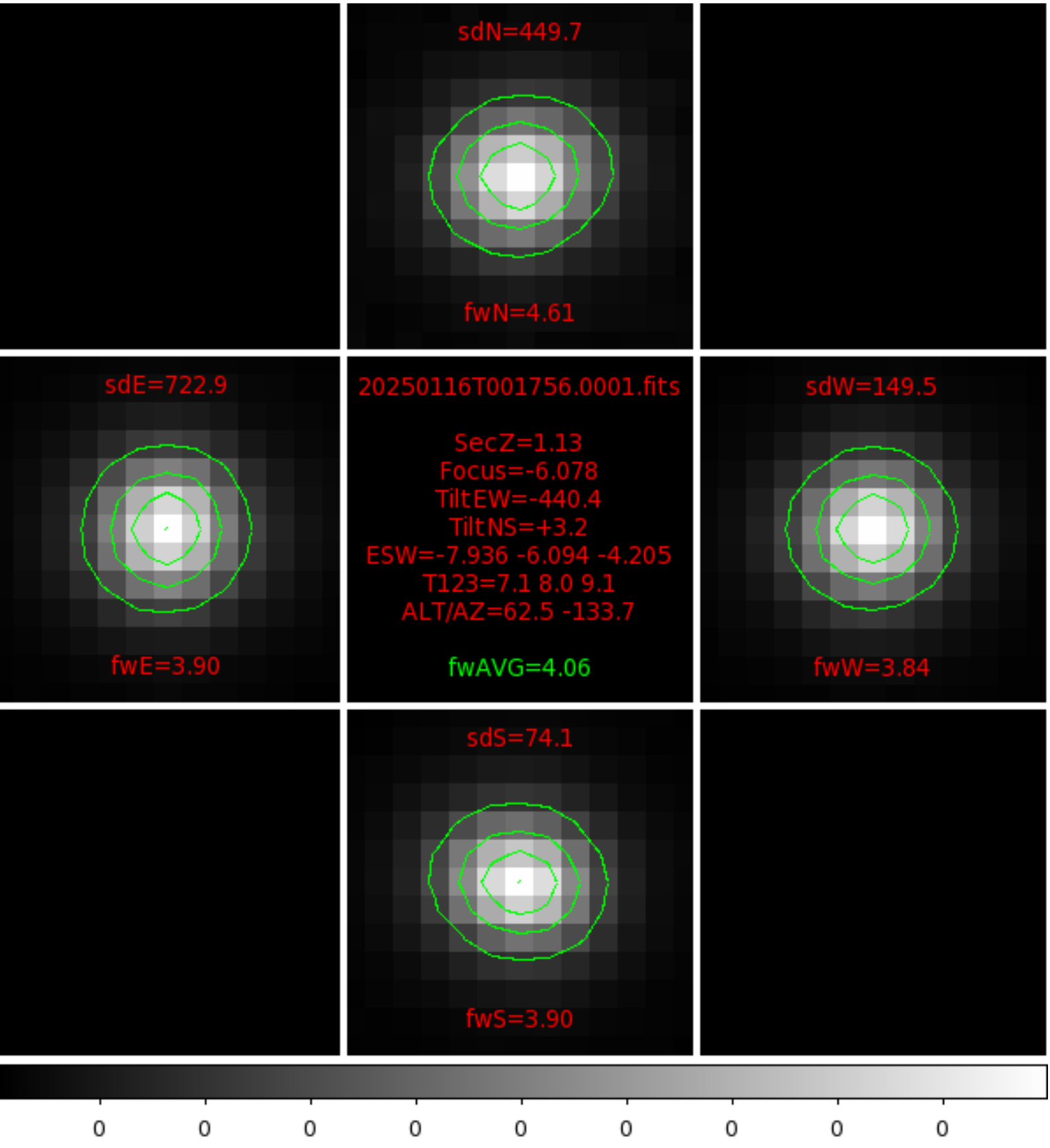
sdN=449.7
fwN=4.61
sdE=722.9
fwE=3.90
20250116T001756.0001.fits
SecZ=1.13
Focus=-6.078
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.936 -6.094 -4.205
T123=7.1 8.0 9.1
ALT/AZ=62.5 -133.7
fwAVG=4.06
sdW=149.5
fwW=3.84
sdS=74.1
fwS=3.90
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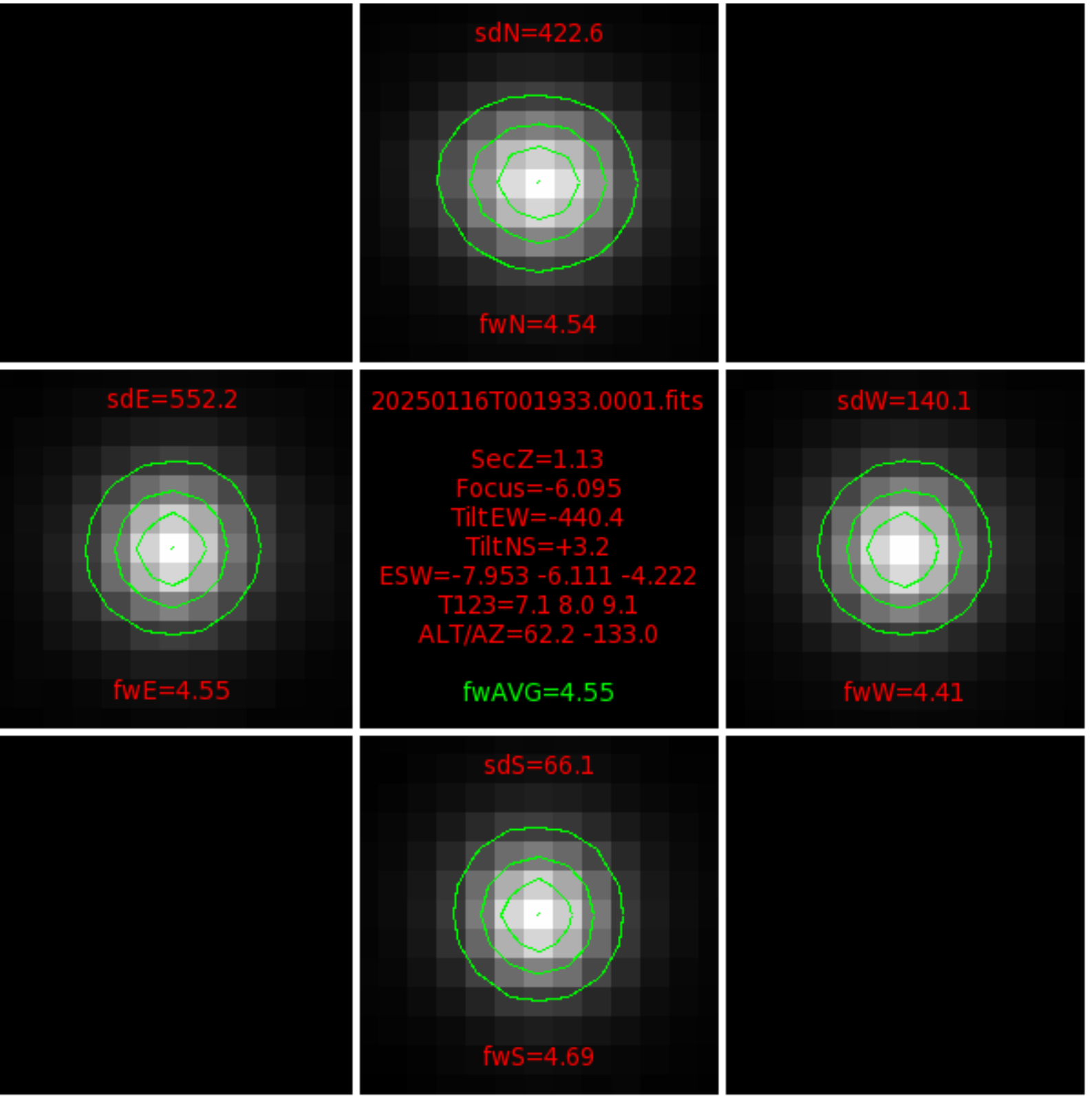
sdN=422.6
fwN=4.54
sdE=552.2
fwE=4.55
20250116T001933.0001.fits
SecZ=1.13
Focus=-6.095
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.953 -6.111 -4.222
T123=7.1 8.0 9.1
ALT/AZ=62.2 -133.0
fwAVG=4.55
sdW=140.1
fwW=4.41
sdS=66.1
fwS=4.69
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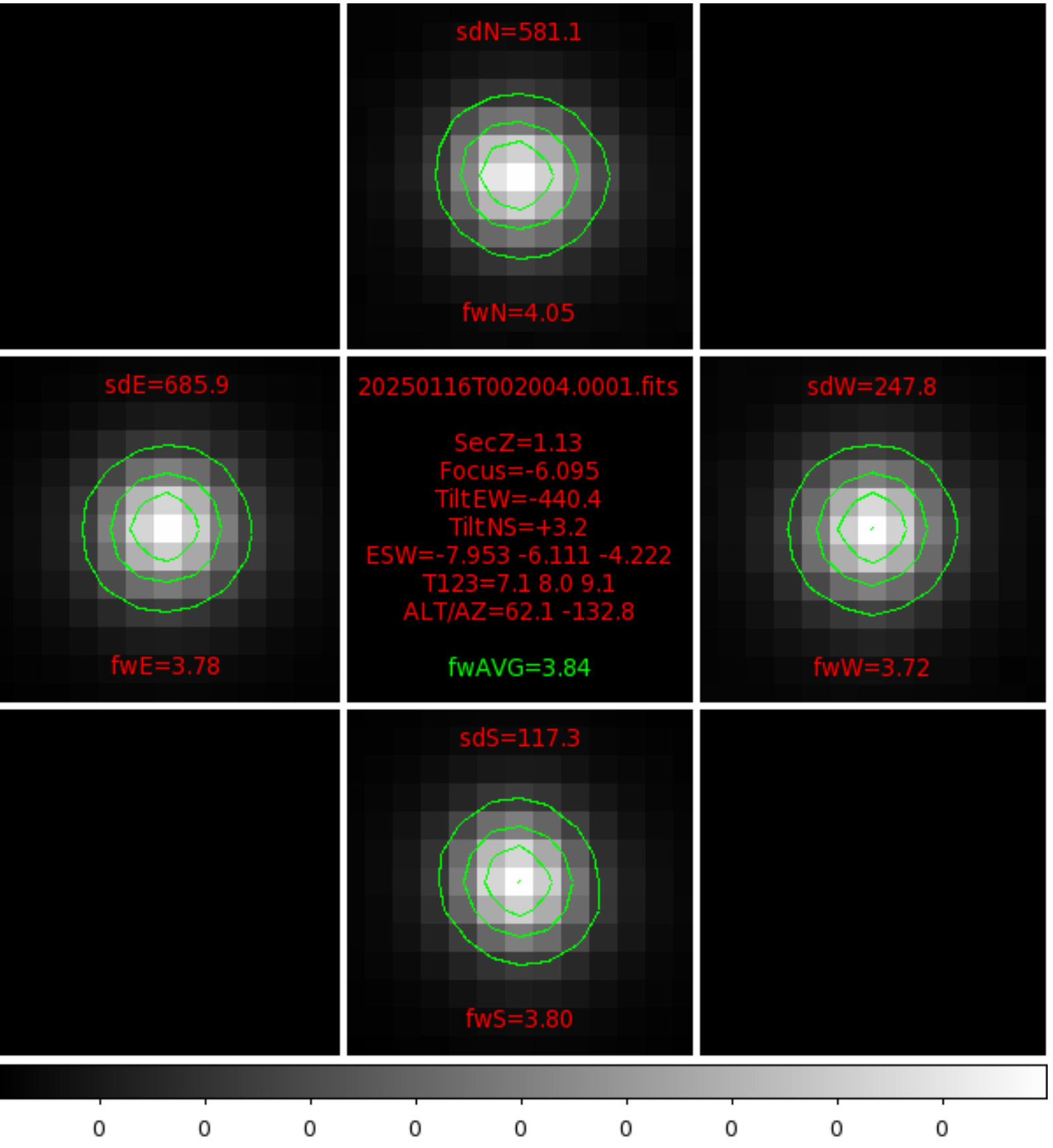
sdN=581.1
fwN=4.05
sdE=685.9
fwE=3.78
20250116T002004.0001.fits
SecZ=1.13
Focus=-6.095
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.953 -6.111 -4.222
T123=7.1 8.0 9.1
ALT/AZ=62.1 -132.8
fwAVG=3.84
sdW=247.8
fwW=3.72
sdS=117.3
fwS=3.80
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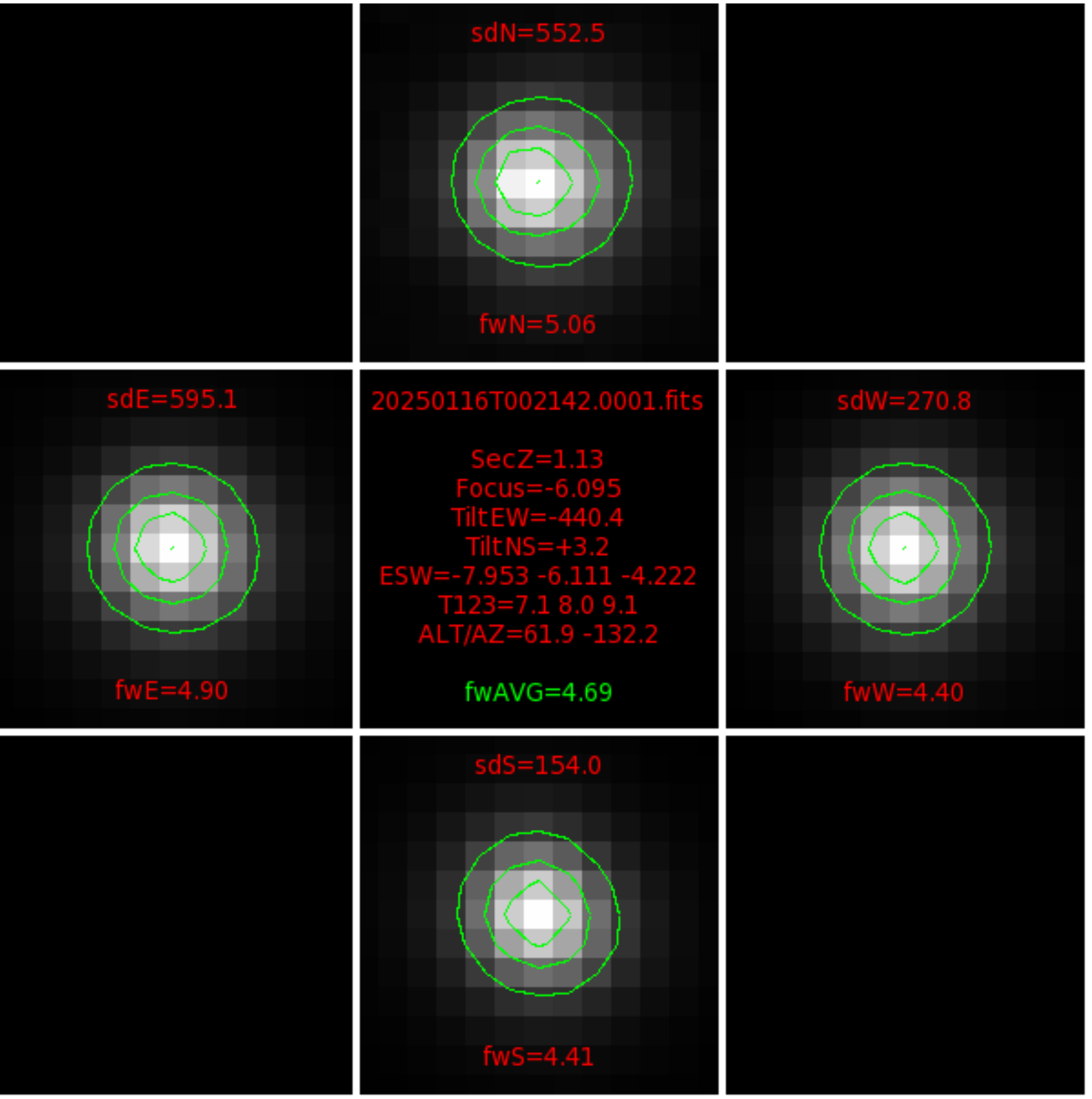
sdN=552.5
fwN=5.06
sdE=595.1
fwE=4.90
20250116T002142.0001.fits
SecZ=1.13
Focus=-6.095
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.953 -6.111 -4.222
T123=7.1 8.0 9.1
ALT/AZ=61.9 -132.2
fwAVG=4.69
sdW=270.8
fwW=4.40
sdS=154.0
fwS=4.41
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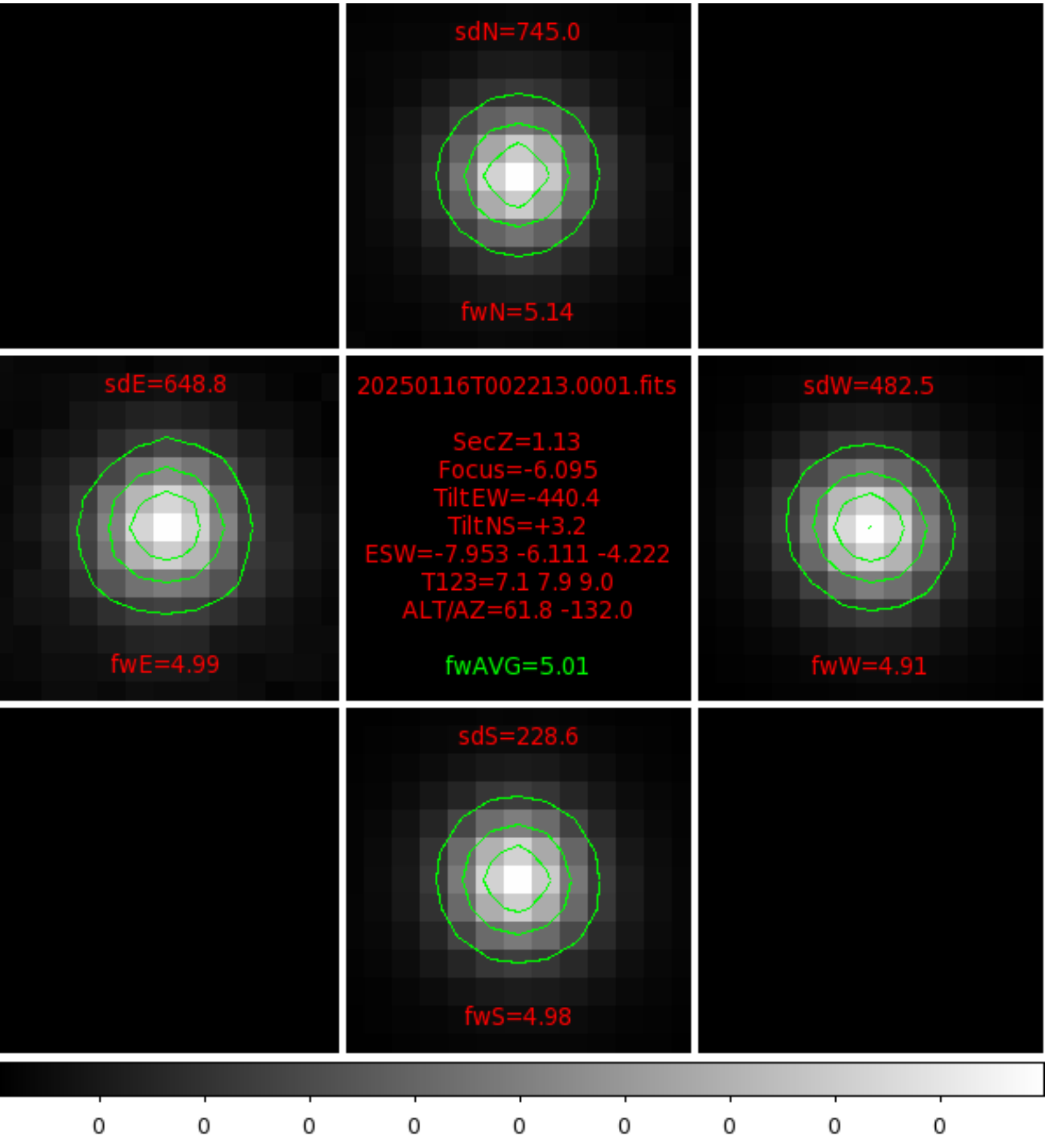
sdN=745.0
fwN=5.14
sdE=648.8
fwE=4.99
20250116T002213.0001.fits
SecZ=1.13
Focus=-6.095
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.953 -6.111 -4.222
T123=7.1 7.9 9.0
ALT/AZ=61.8 -132.0
fwAVG=5.01
sdW=482.5
fwW=4.91
sdS=228.6
fwS=4.98
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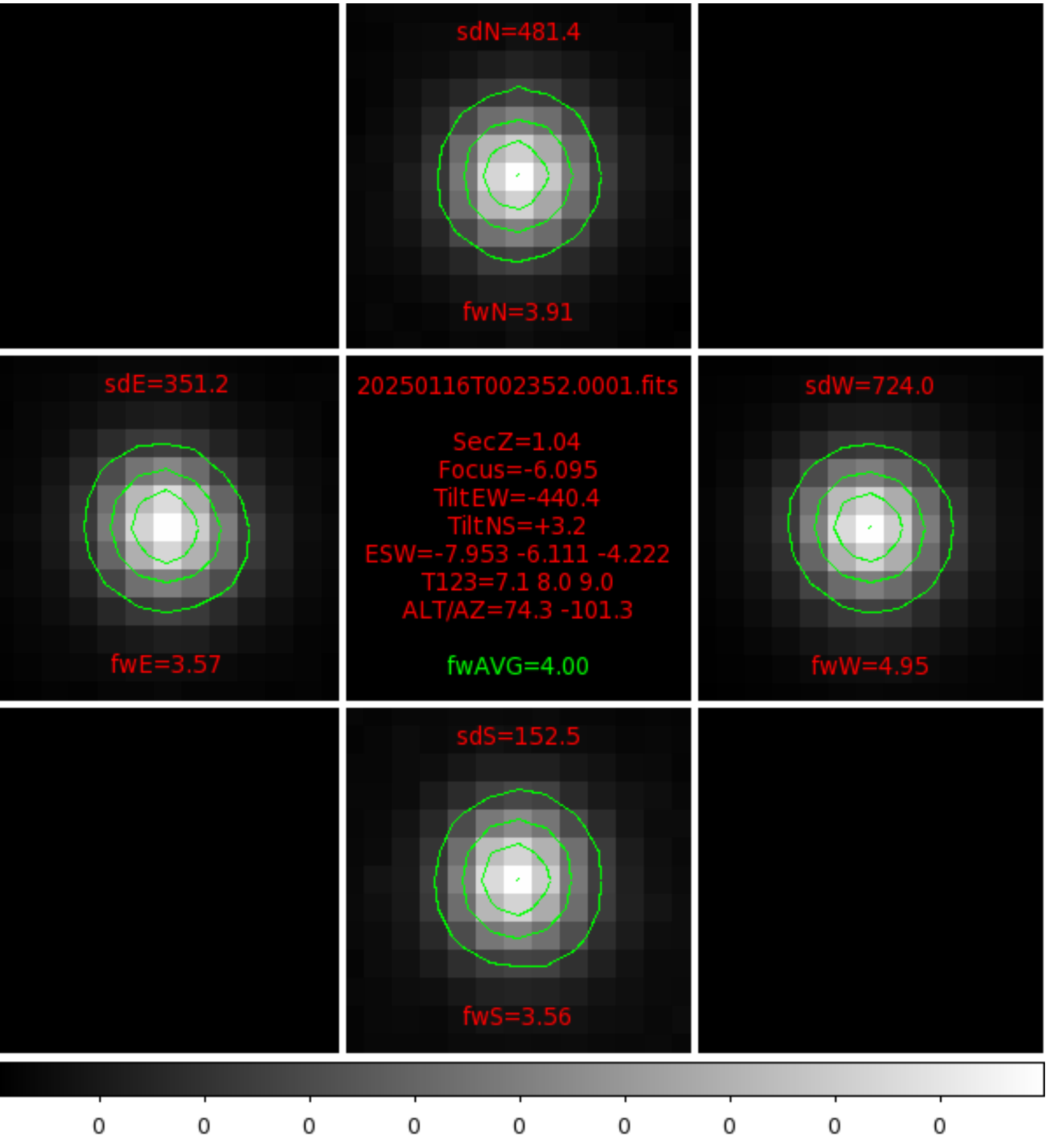
sdN=481.4
fwN=3.91
sdE=351.2
fwE=3.57
20250116T002352.0001.fits
SecZ=1.04
Focus=-6.095
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.953 -6.111 -4.222
T123=7.1 8.0 9.0
ALT/AZ=74.3 -101.3
fwAVG=4.00
sdW=724.0
fwW=4.95
sdS=152.5
fwS=3.56
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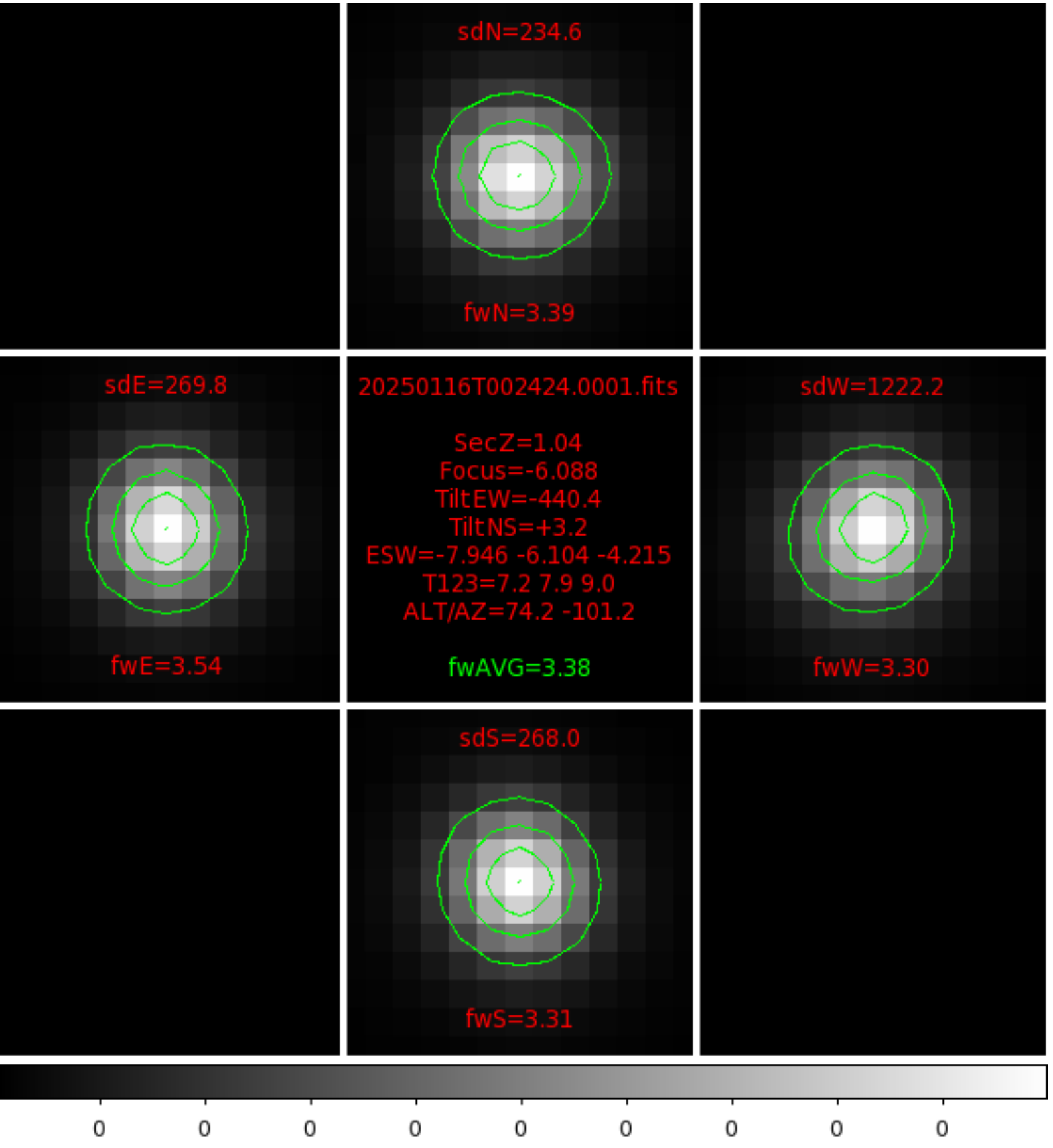
sdN=234.6
fwN=3.39
sdE=269.8
fwE=3.54
20250116T002424.0001.fits
SecZ=1.04
Focus=-6.088
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.946 -6.104 -4.215
T123=7.2 7.9 9.0
ALT/AZ=74.2 -101.2
fwAVG=3.38
sdW=1222.2
fwW=3.30
sdS=268.0
fwS=3.31
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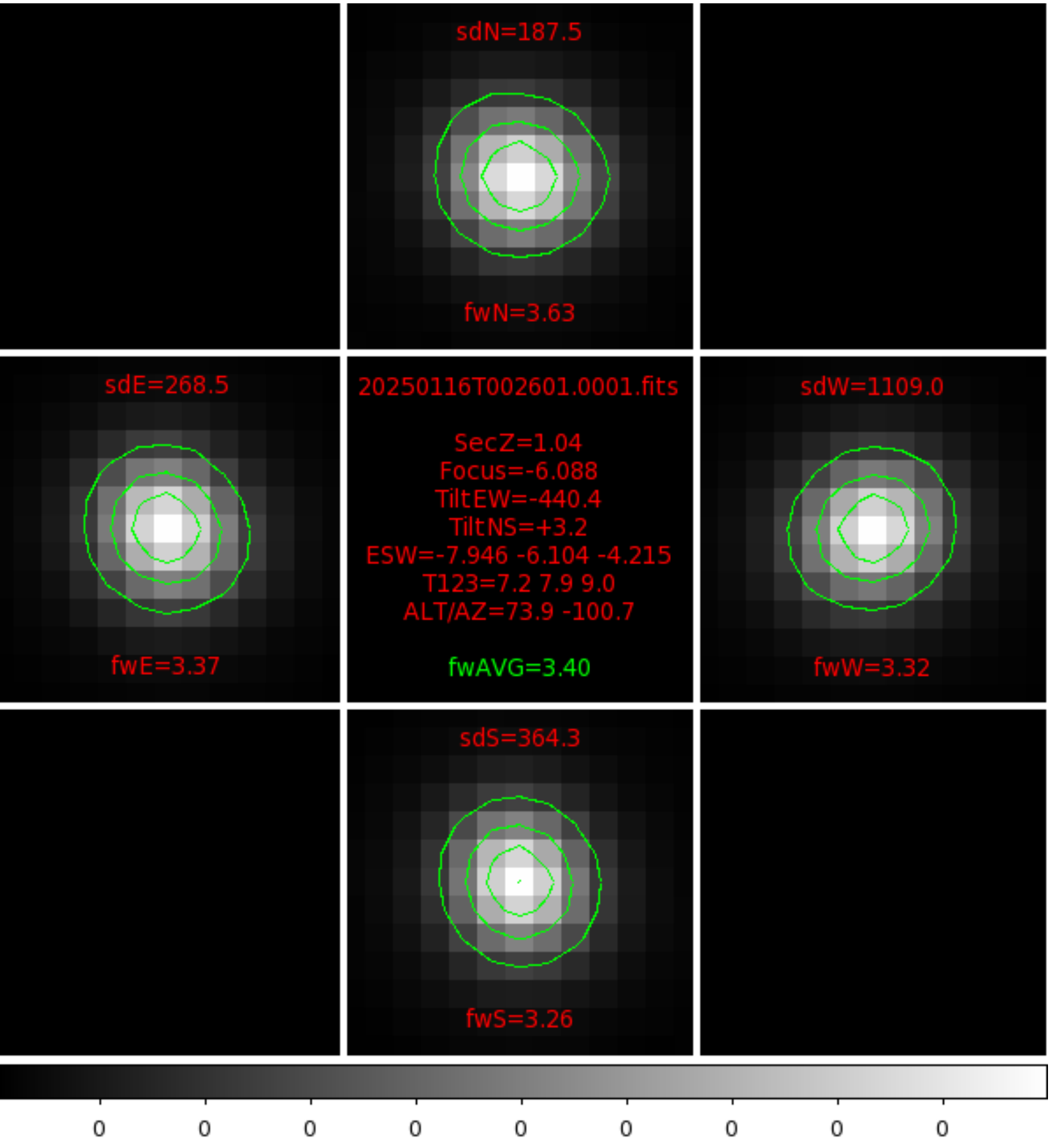
sdN=187.5
fwN=3.63
sdE=268.5
fwE=3.37
20250116T002601.0001.fits
SecZ=1.04
Focus=-6.088
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.946 -6.104 -4.215
T123=7.2 7.9 9.0
ALT/AZ=73.9 -100.7
fwAVG=3.40
sdW=1109.0
fwW=3.32
sdS=364.3
fwS=3.26
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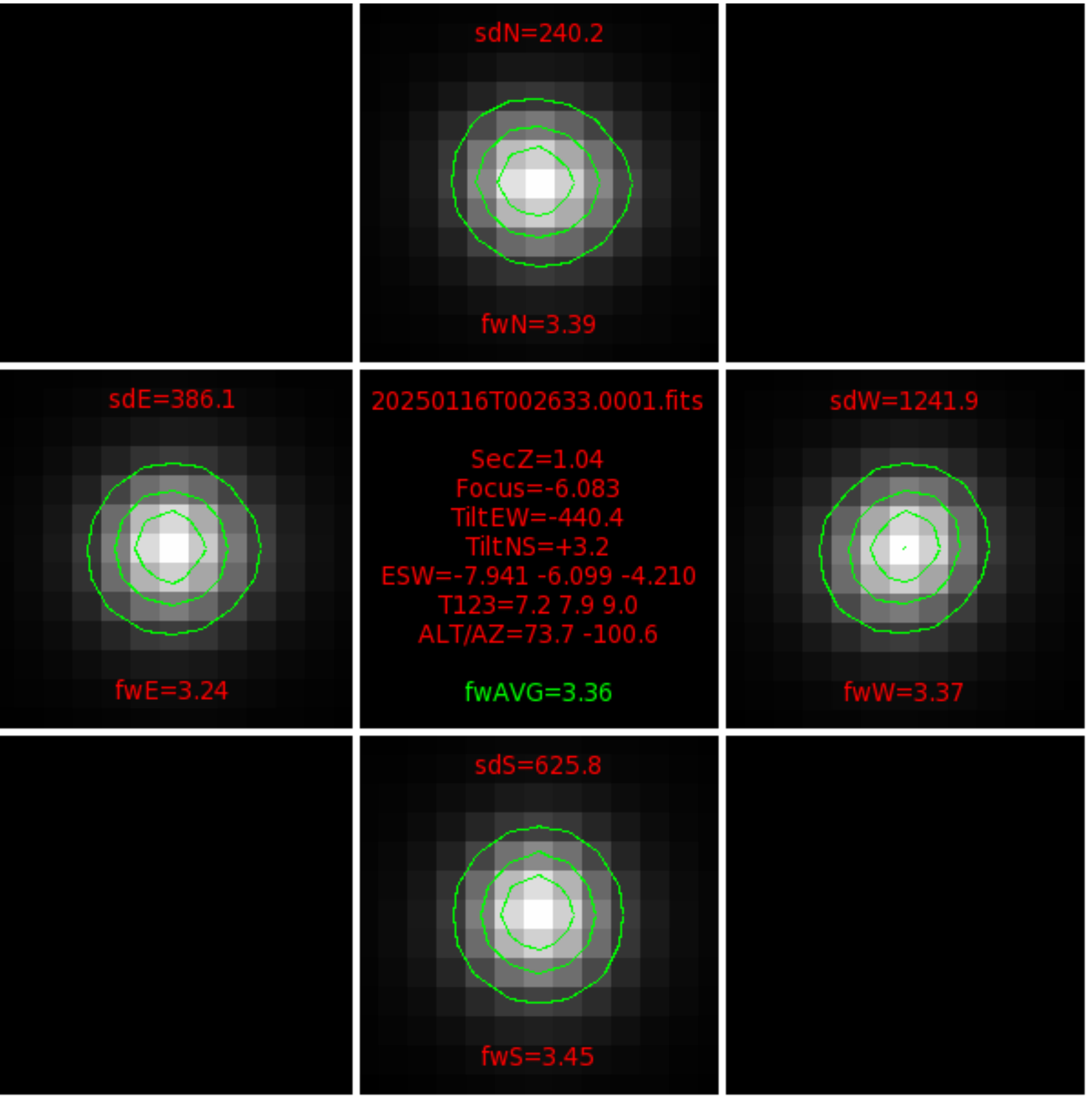
sdN=240.2
fwN=3.39
sdE=386.1
fwE=3.24
20250116T002633.0001.fits
SecZ=1.04
Focus=-6.083
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.941 -6.099 -4.210
T123=7.2 7.9 9.0
ALT/AZ=73.7 -100.6
fwAVG=3.36
sdW=1241.9
fwW=3.37
sdS=625.8
fwS=3.45
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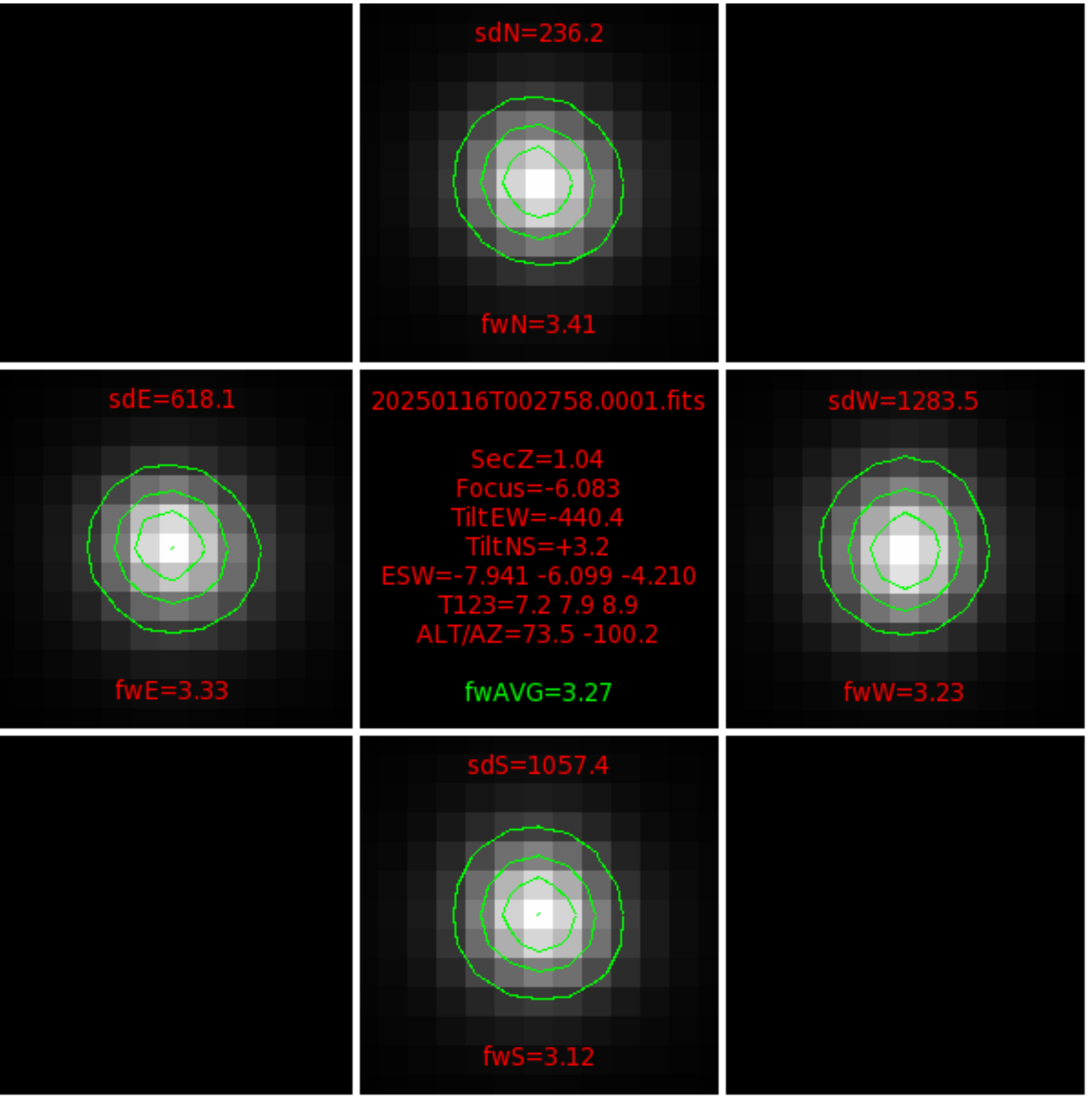
sdN=236.2
fwN=3.41
sdE=618.1
fwE=3.33
20250116T002758.0001.fits
SecZ=1.04
Focus=-6.083
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.941 -6.099 -4.210
T123=7.2 7.9 8.9
ALT/AZ=73.5 -100.2
fwAVG=3.27
sdW=1283.5
fwW=3.23
sdS=1057.4
fwS=3.12
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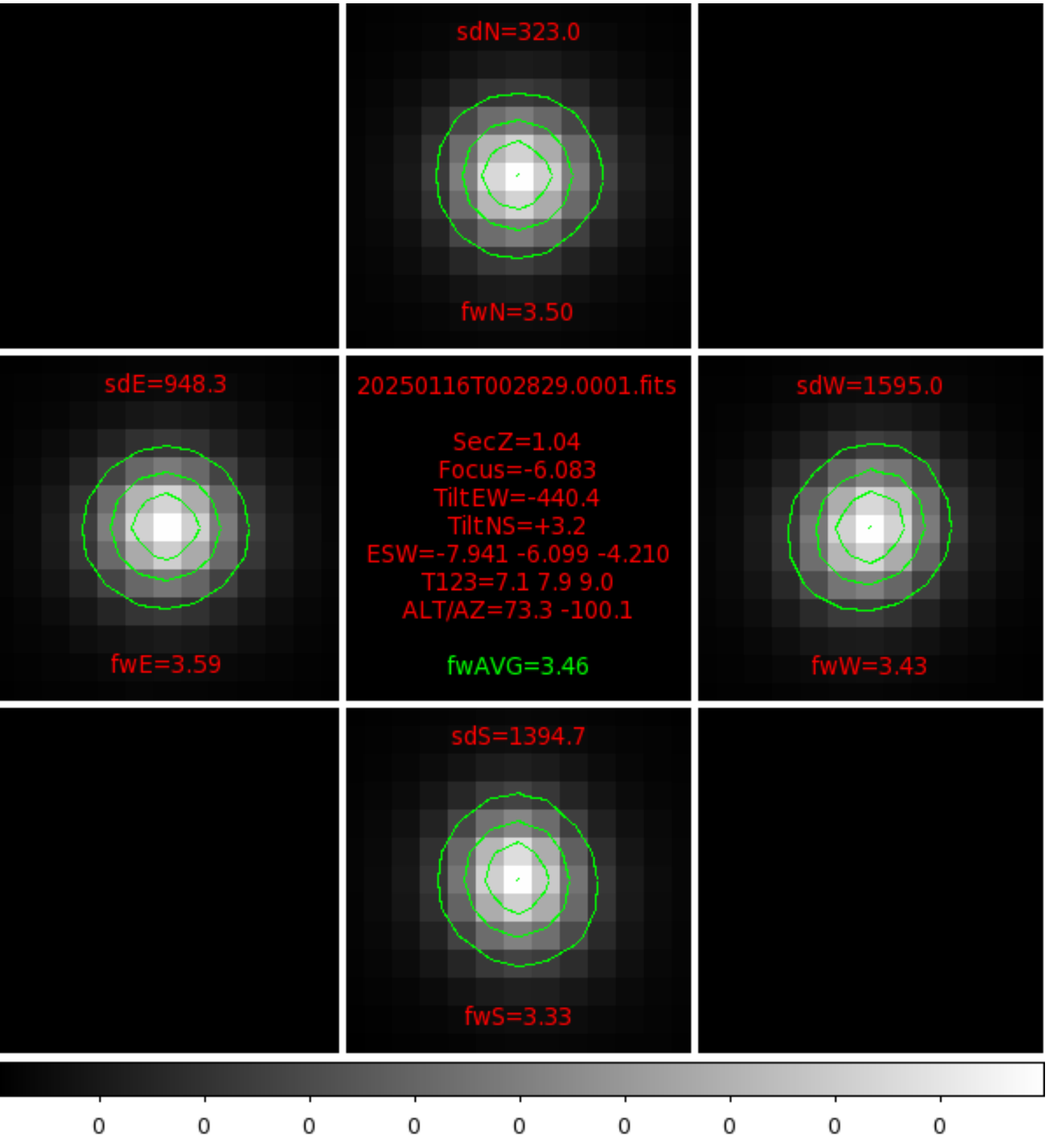
sdN=323.0
fwN=3.50
sdE=948.3
fwE=3.59
20250116T002829.0001.fits
SecZ=1.04
Focus=-6.083
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.941 -6.099 -4.210
T123=7.1 7.9 9.0
ALT/AZ=73.3 -100.1
fwAVG=3.46
sdW=1595.0
fwW=3.43
sdS=1394.7
fwS=3.33
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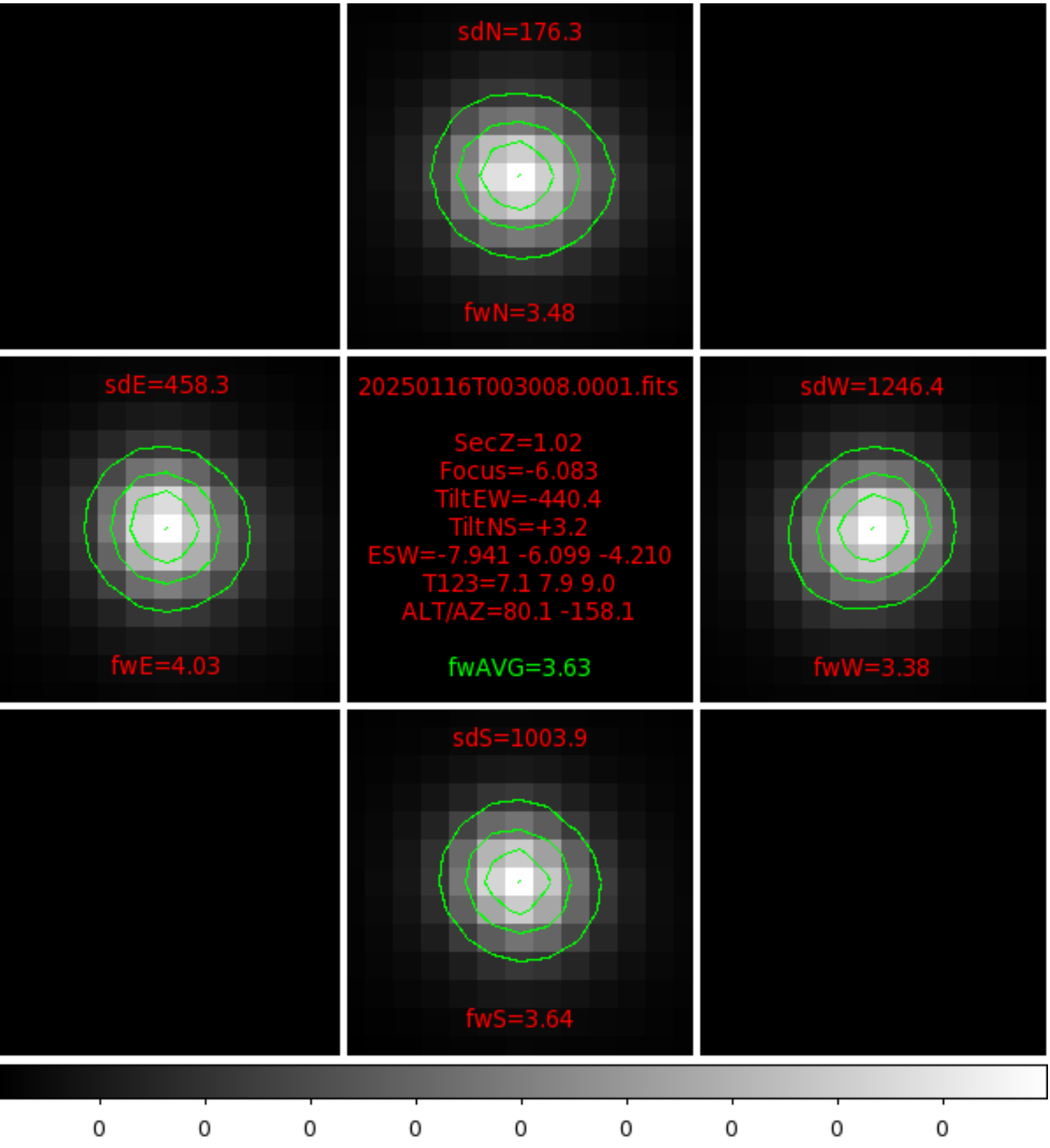
sdN=176.3
fwN=3.48
sdE=458.3
fwE=4.03
20250116T003008.0001.fits
SecZ=1.02
Focus=-6.083
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.941 -6.099 -4.210
T123=7.1 7.9 9.0
ALT/AZ=80.1 -158.1
fwAVG=3.63
sdW=1246.4
fwW=3.38
sdS=1003.9
fwS=3.64
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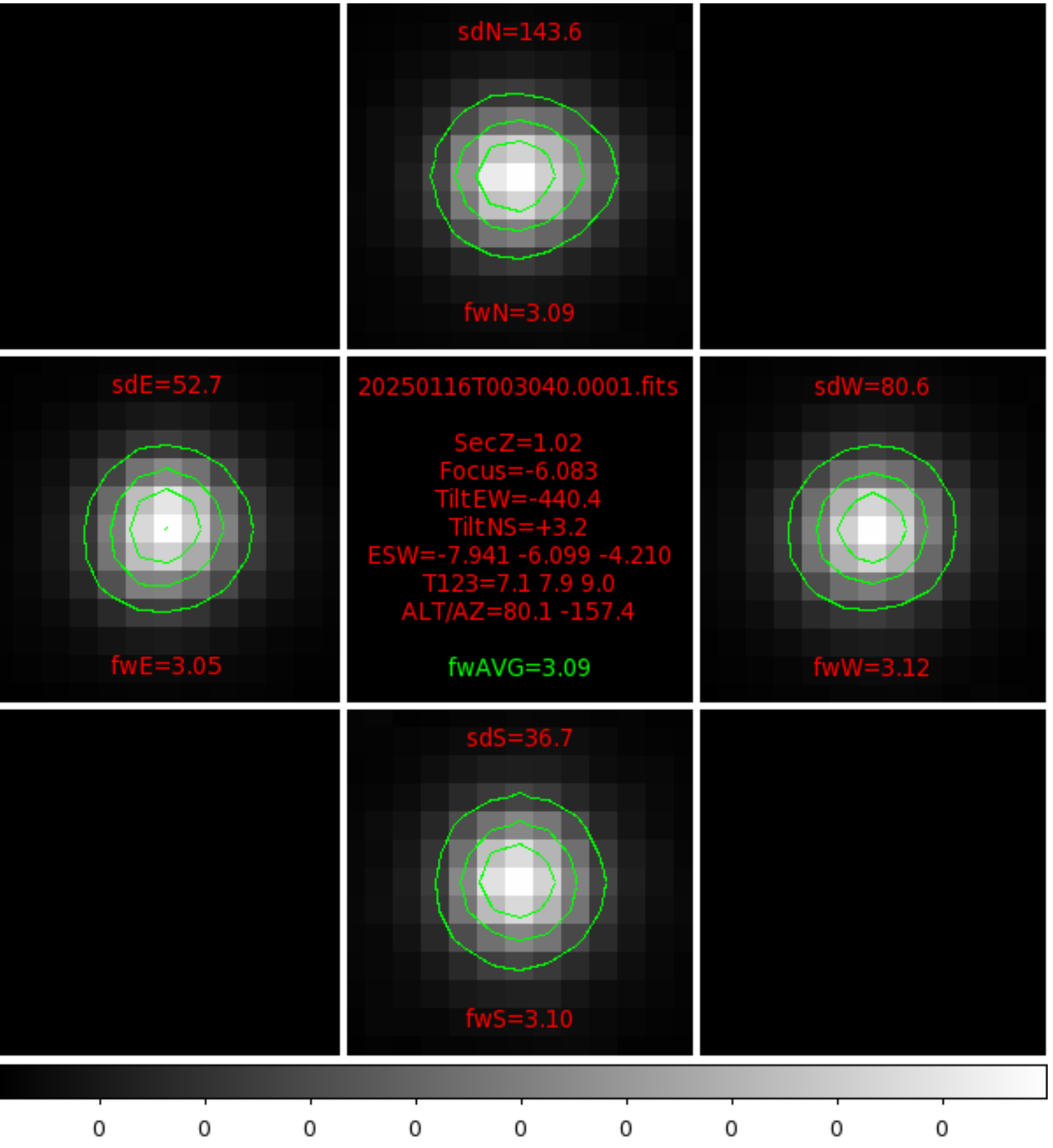
sdN=143.6
fwN=3.09
sdE=52.7
fwE=3.05
20250116T003040.0001.fits
SecZ=1.02
Focus=-6.083
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.941 -6.099 -4.210
T123=7.1 7.9 9.0
ALT/AZ=80.1 -157.4
fwAVG=3.09
sdW=80.6
fwW=3.12
sdS=36.7
fwS=3.10
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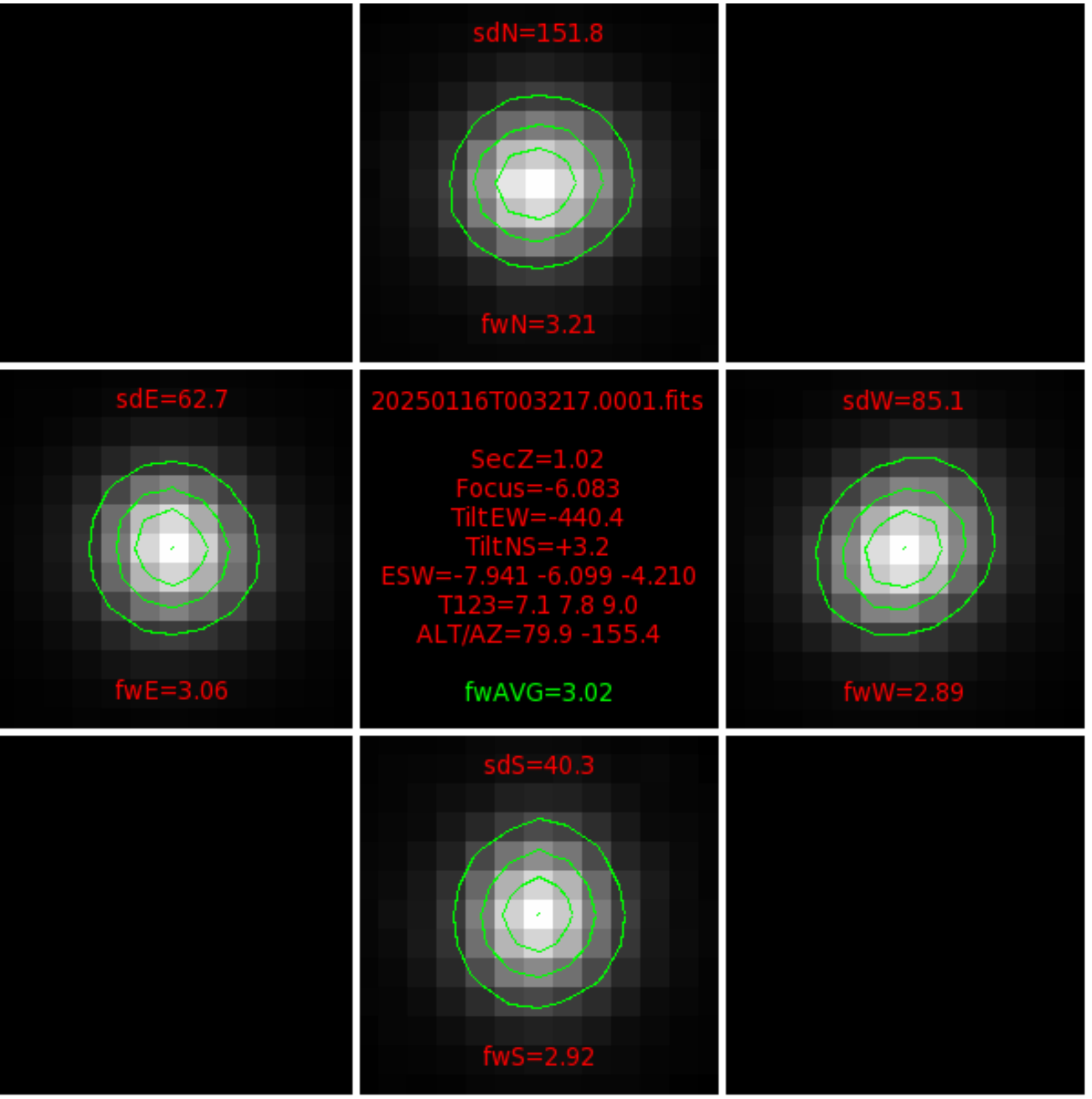
sdN=151.8
fwN=3.21
sdE=62.7
fwE=3.06
20250116T003217.0001.fits
SecZ=1.02
Focus=-6.083
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.941 -6.099 -4.210
T123=7.1 7.8 9.0
ALT/AZ=79.9 -155.4
fwAVG=3.02
sdW=85.1
fwW=2.89
sdS=40.3
fwS=2.92
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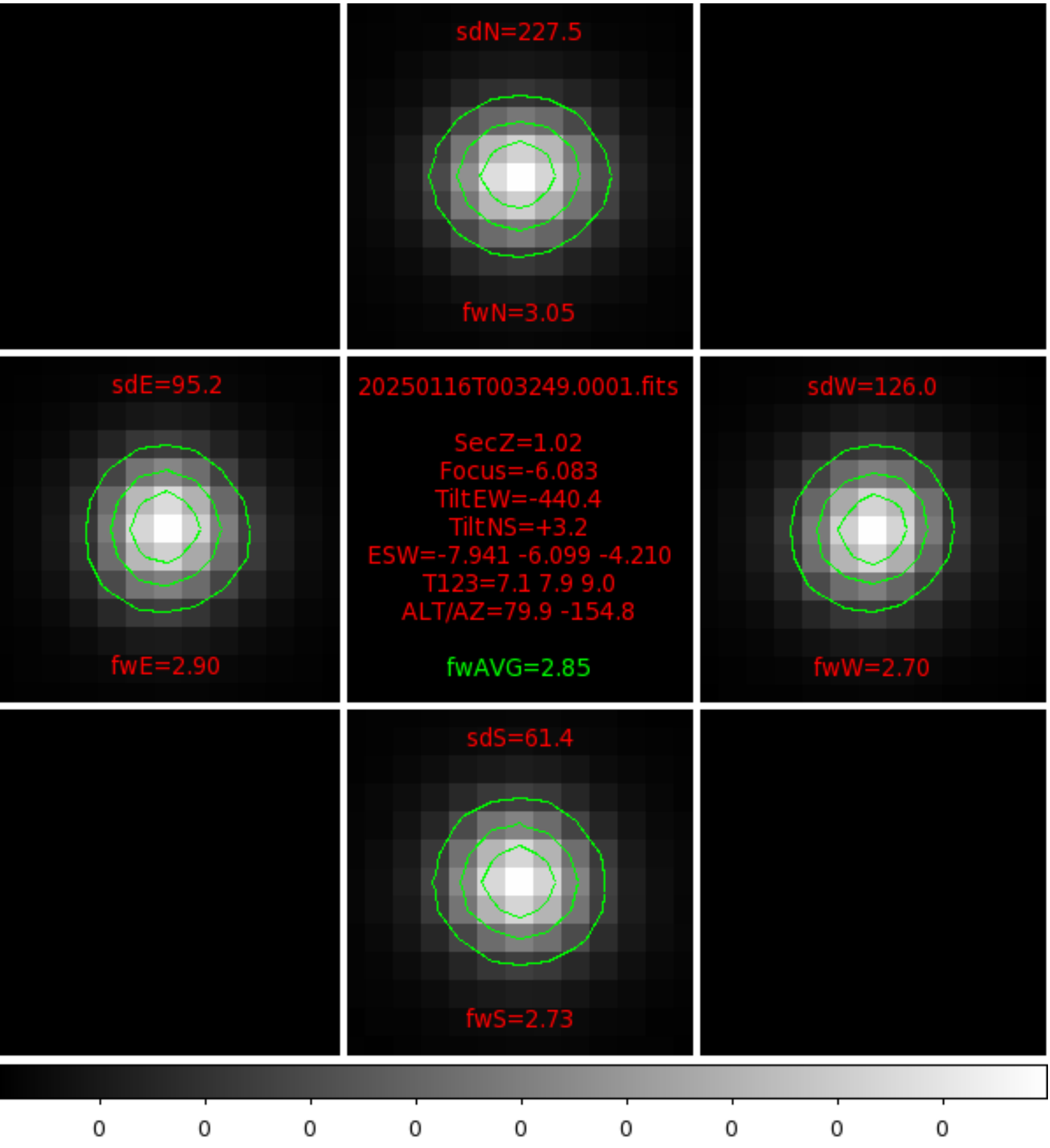
sdN=227.5
fwN=3.05
sdE=95.2
fwE=2.90
20250116T003249.0001.fits
SecZ=1.02
Focus=-6.083
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.941 -6.099 -4.210
T123=7.1 7.9 9.0
ALT/AZ=79.9 -154.8
fwAVG=2.85
sdW=126.0
fwW=2.70
sdS=61.4
fwS=2.73
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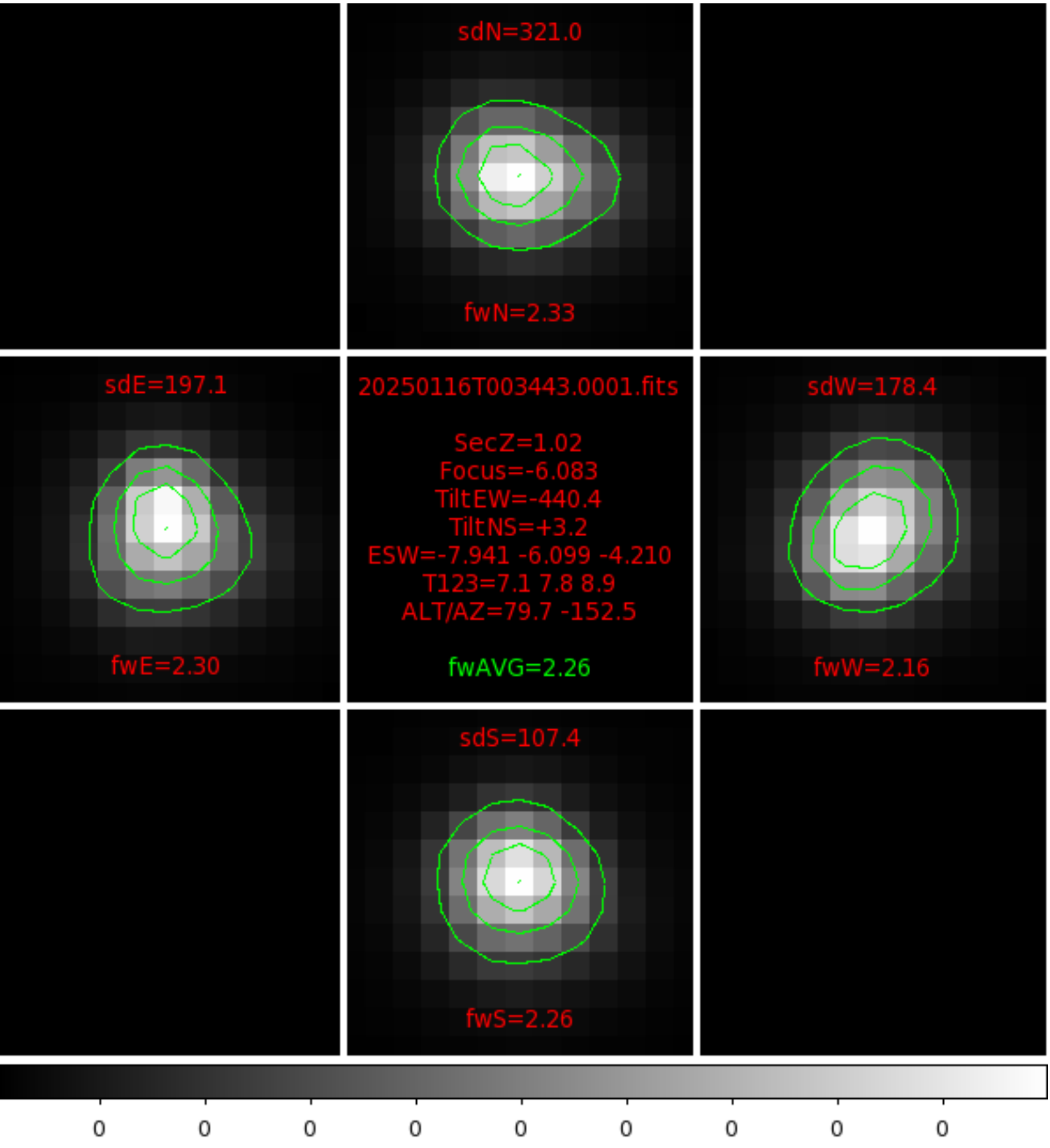
sdN=321.0
fwN=2.33
sdE=197.1
fwE=2.30
20250116T003443.0001.fits
SecZ=1.02
Focus=-6.083
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.941 -6.099 -4.210
T123=7.1 7.8 8.9
ALT/AZ=79.7 -152.5
fwAVG=2.26
sdW=178.4
fwW=2.16
sdS=107.4
fwS=2.26
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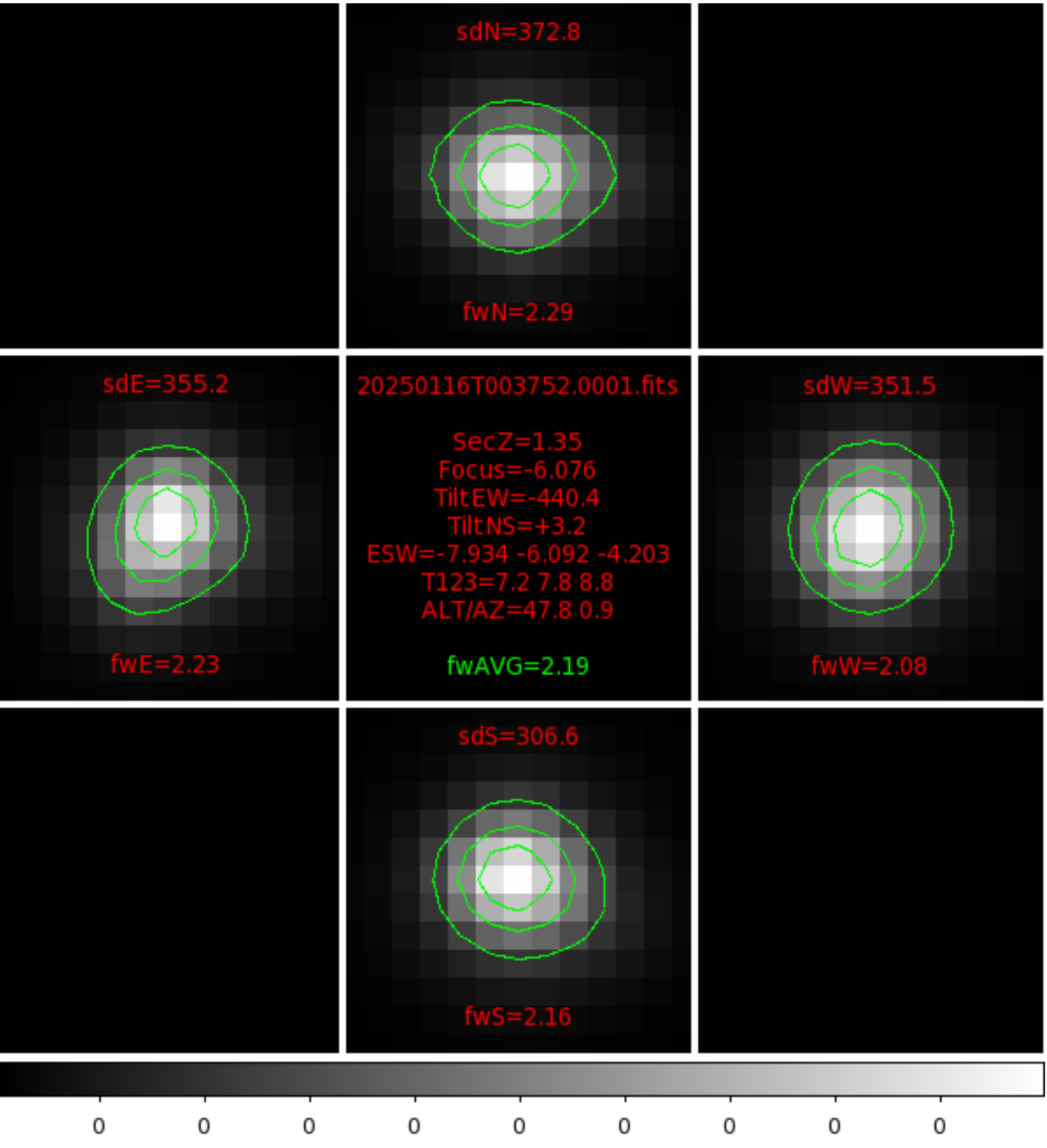
sdN=372.8
fwN=2.29
sdE=355.2
fwE=2.23
20250116T003752.0001.fits
SecZ=1.35
Focus=-6.076
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.934 -6.092 -4.203
T123=7.2 7.8 8.8
ALT/AZ=47.8 0.9
fwAVG=2.19
sdW=351.5
fwW=2.08
sdS=306.6
fwS=2.16
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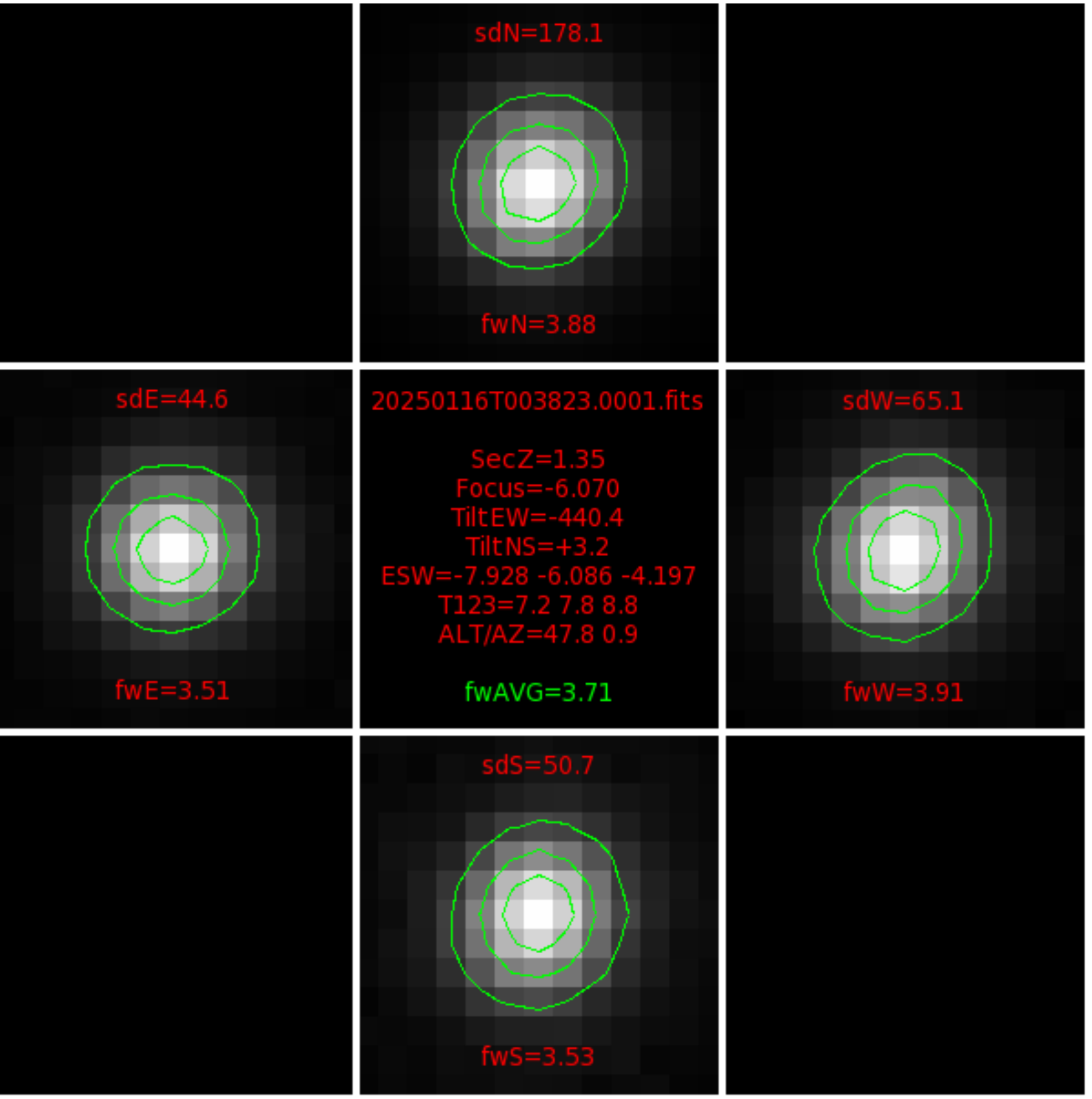
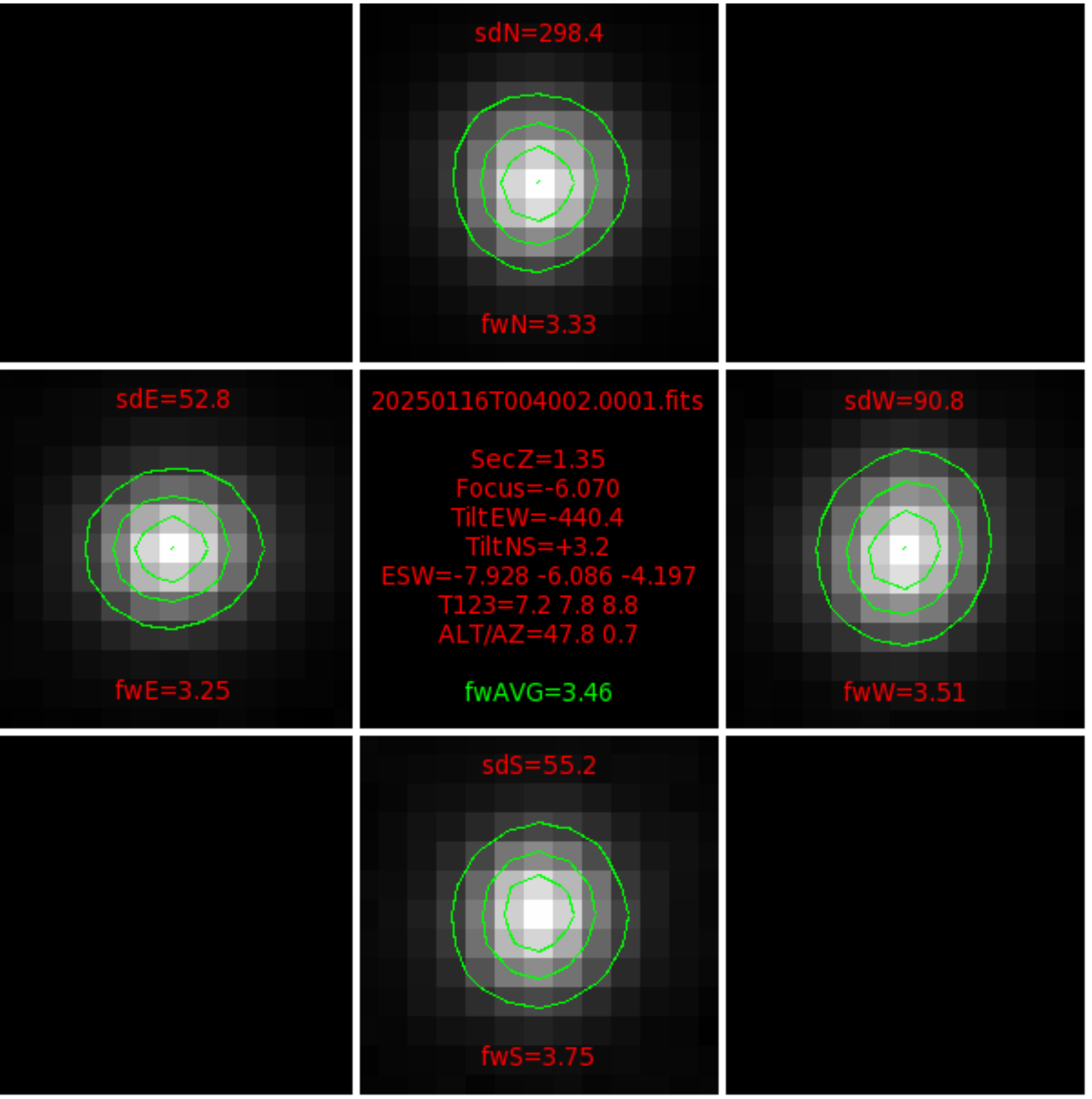

sdN=178.1
fwN=3.88
sdE=44.6
fwE=3.51
20250116T003823.0001.fits
SecZ=1.35
Focus=-6.070
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.928 -6.086 -4.197
T123=7.2 7.8 8.8
ALT/AZ=47.8 0.9
fwAVG=3.71
sdW=65.1
fwW=3.91
sdS=50.7
fwS=3.53
0 0 0 0 0 0 0 0 0


sdN=298.4
fwN=3.33
sdE=52.8
fwE=3.25
20250116T004002.0001.fits
SecZ=1.35
Focus=-6.070
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.928 -6.086 -4.197
T123=7.2 7.8 8.8
ALT/AZ=47.8 0.7
fwAVG=3.46
sdW=90.8
fwW=3.51
sdS=55.2
fwS=3.75
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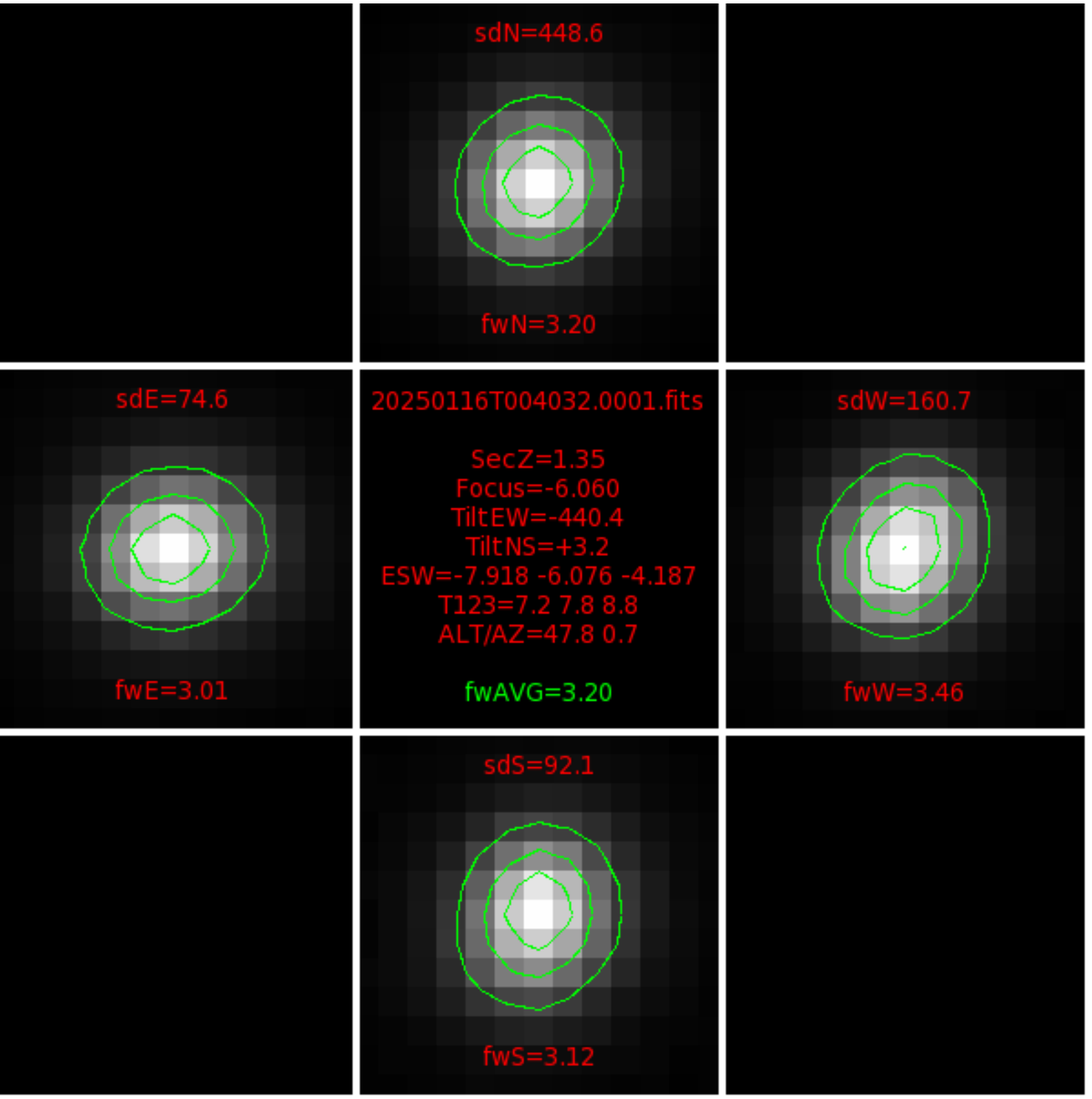
sdN=448.6
fwN=3.20
sdE=74.6
fwE=3.01
20250116T004032.0001.fits
SecZ=1.35
Focus=-6.060
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.918 -6.076 -4.187
T123=7.2 7.8 8.8
ALT/AZ=47.8 0.7
fwAVG=3.20
sdW=160.7
fwW=3.46
sdS=92.1
fwS=3.12
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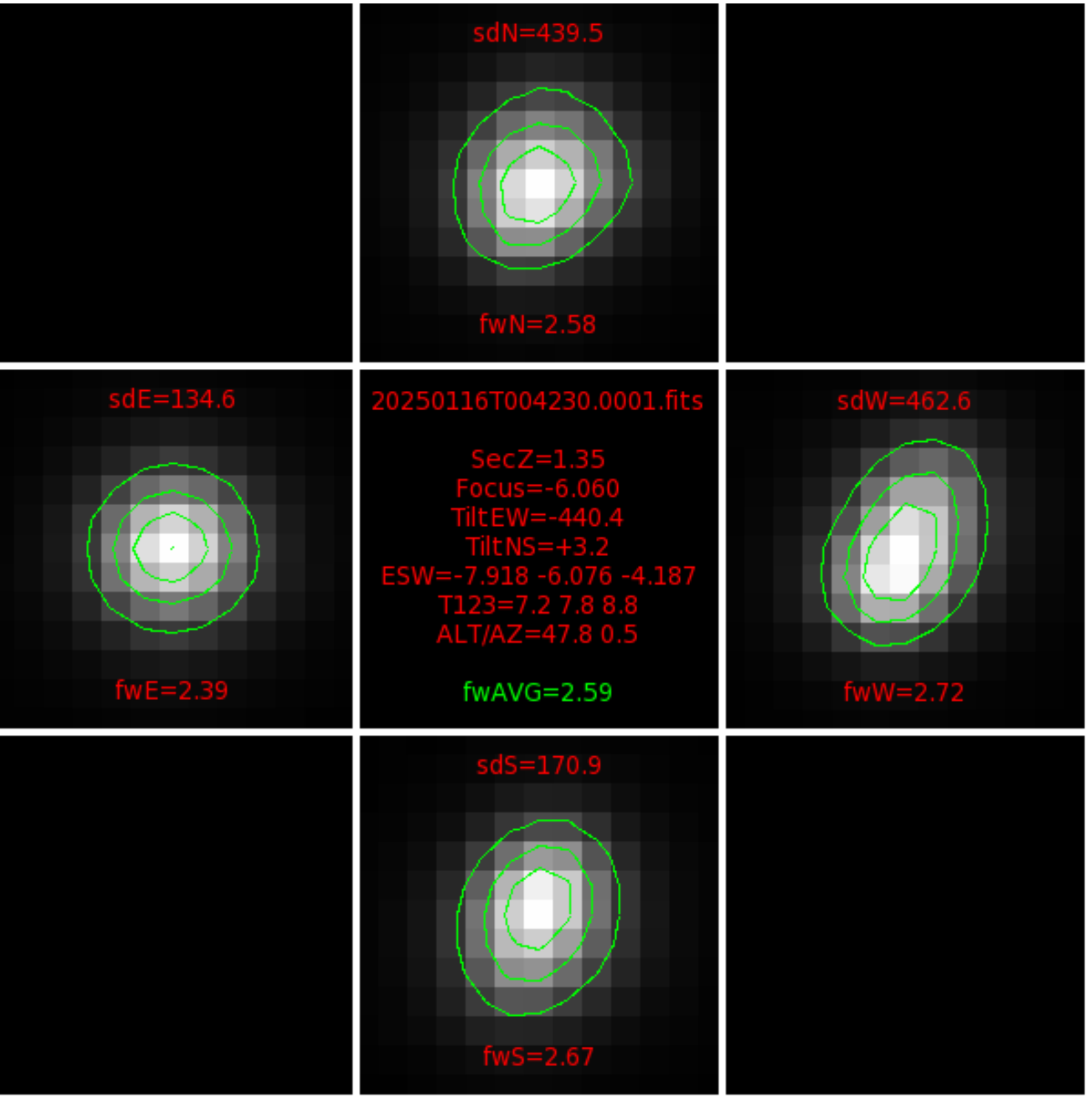
sdN=439.5
fwN=2.58
sdE=134.6
fwE=2.39
20250116T004230.0001.fits
SecZ=1.35
Focus=-6.060
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.918 -6.076 -4.187
T123=7.2 7.8 8.8
ALT/AZ=47.8 0.5
fwAVG=2.59
sdW=462.6
fwW=2.72
sdS=170.9
fwS=2.67
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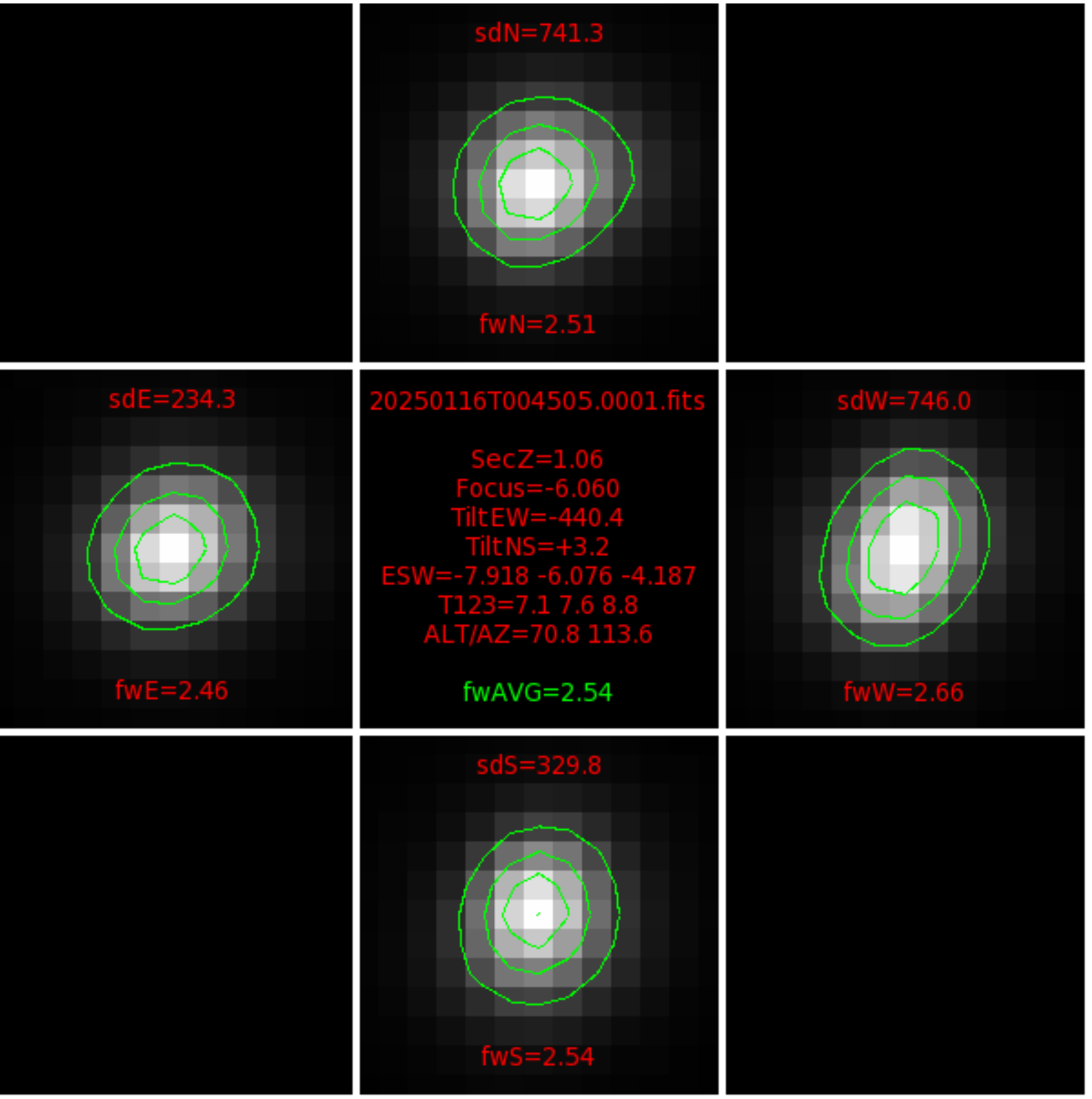
sdN=741.3
fwN=2.51
sdE=234.3
fwE=2.46
20250116T004505.0001.fits
SecZ=1.06
Focus=-6.060
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.918 -6.076 -4.187
T123=7.1 7.6 8.8
ALT/AZ=70.8 113.6
fwAVG=2.54
sdW=746.0
fwW=2.66
sdS=329.8
fwS=2.54
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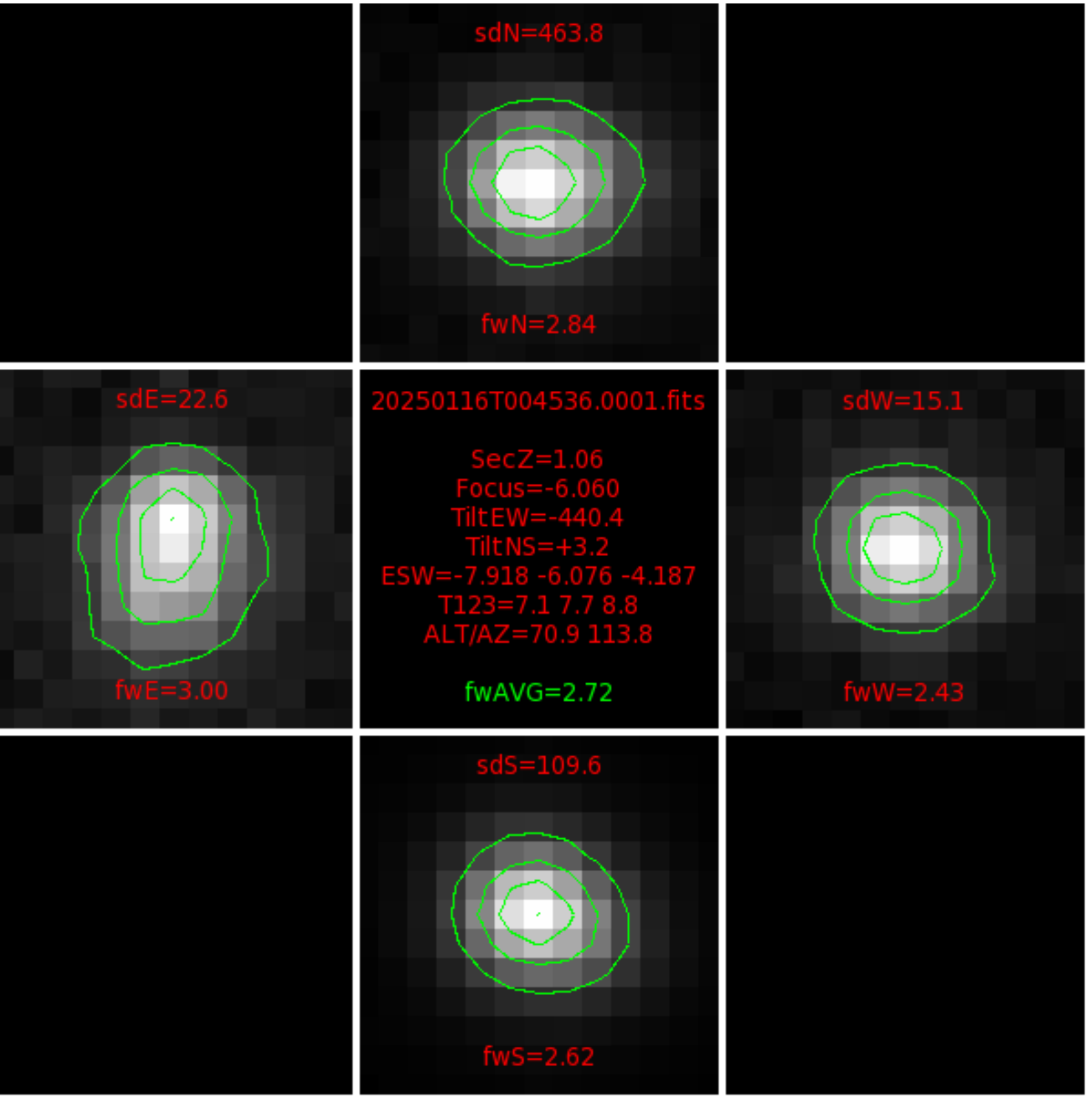
sdN=463.8
fwN=2.84
sdE=22.6
fwE=3.00
20250116T004536.0001.fits
SecZ=1.06
Focus=-6.060
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.918 -6.076 -4.187
T123=7.1 7.7 8.8
ALT/AZ=70.9 113.8
fwAVG=2.72
sdW=15.1
fwW=2.43
sdS=109.6
fwS=2.62
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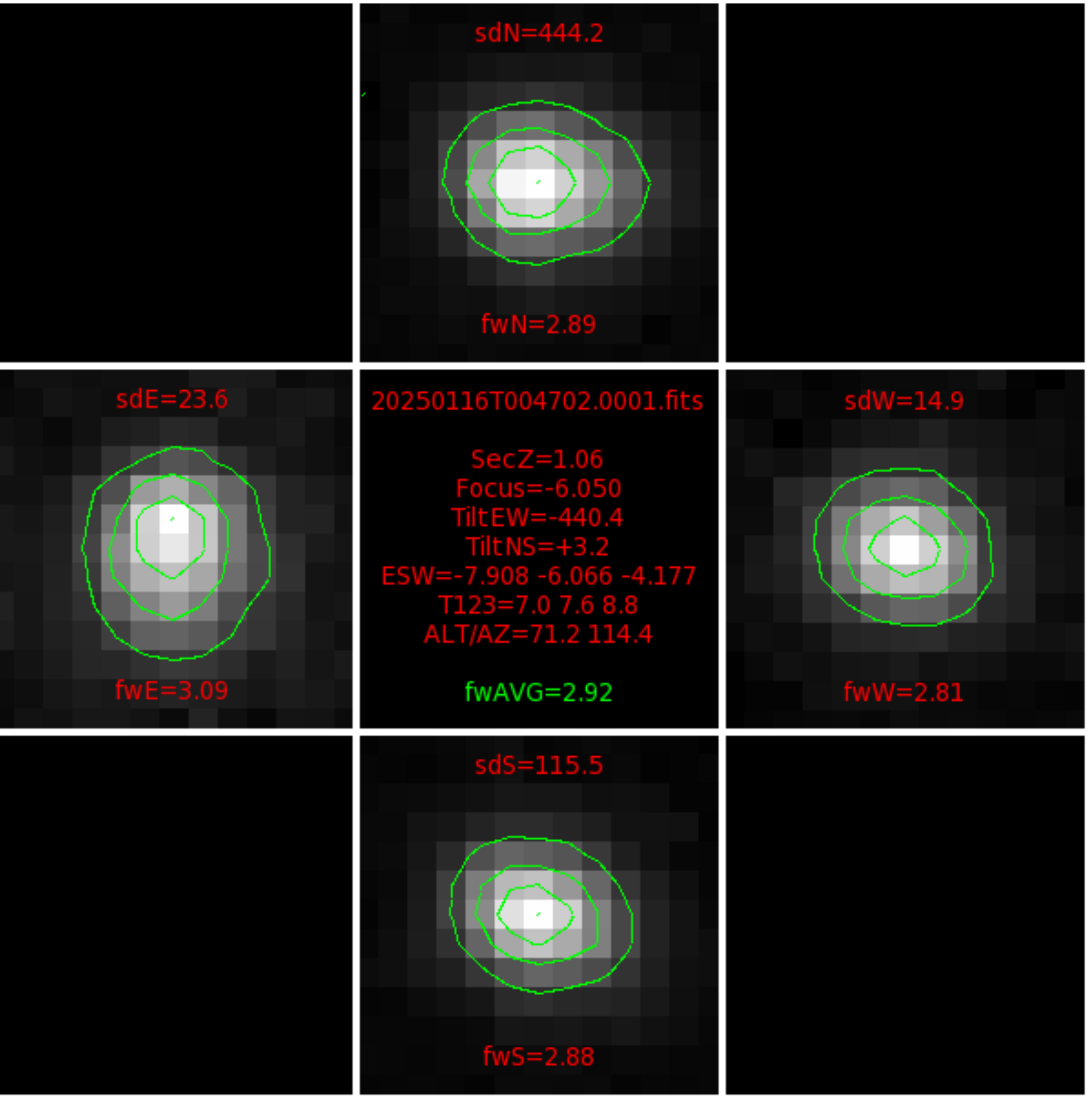
sdN=444.2
fwN=2.89
sdE=23.6
fwE=3.09
20250116T004702.0001.fits
SecZ=1.06
Focus=-6.050
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.908 -6.066 -4.177
T123=7.0 7.6 8.8
ALT/AZ=71.2 114.4
fwAVG=2.92
sdW=14.9
fwW=2.81
sdS=115.5
fwS=2.88
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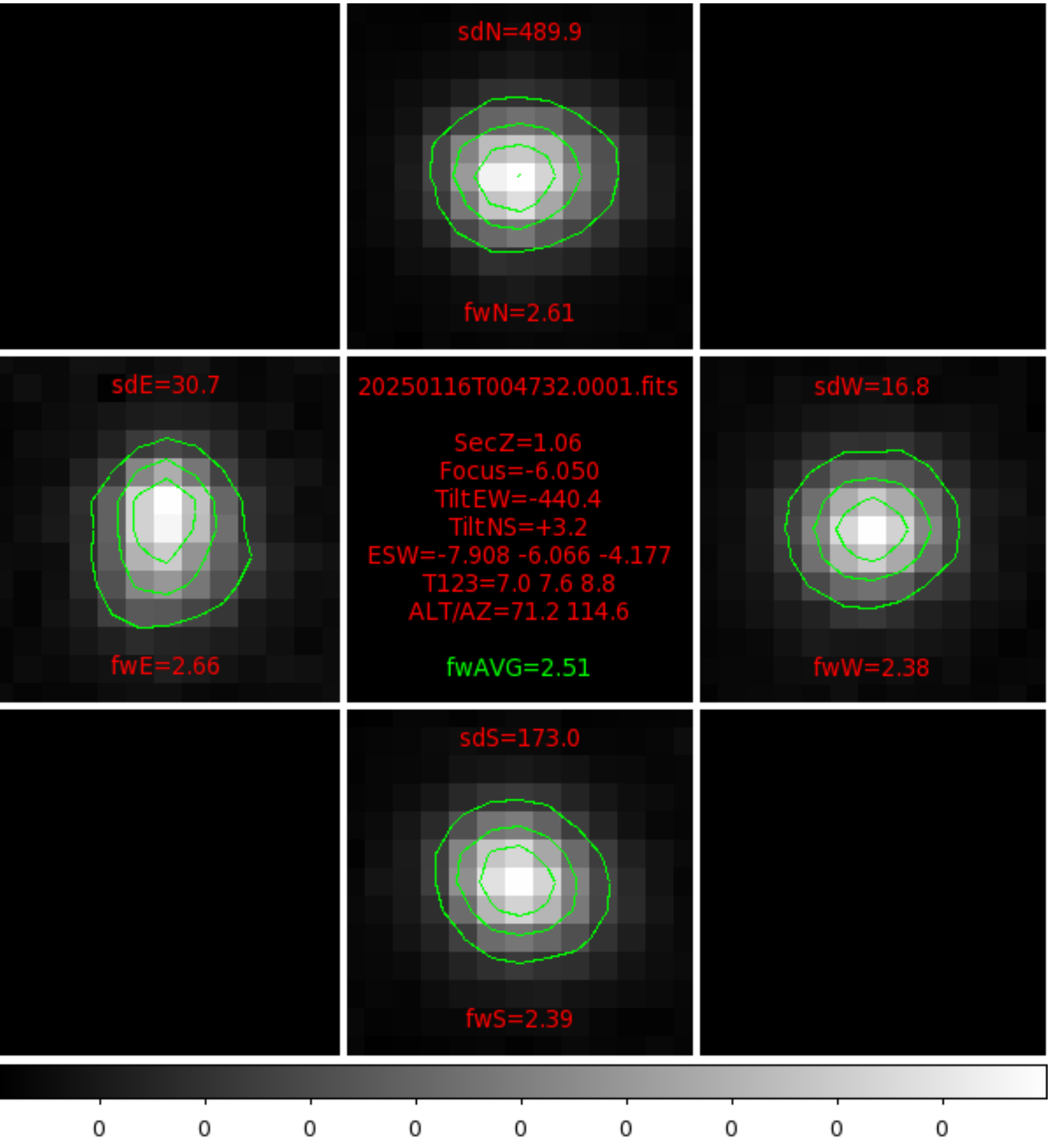
sdN=489.9
fwN=2.61
sdE=30.7
fwE=2.66
20250116T004732.0001.fits
SecZ=1.06
Focus=-6.050
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.908 -6.066 -4.177
T123=7.0 7.6 8.8
ALT/AZ=71.2 114.6
fwAVG=2.51
sdW=16.8
fwW=2.38
sdS=173.0
fwS=2.39
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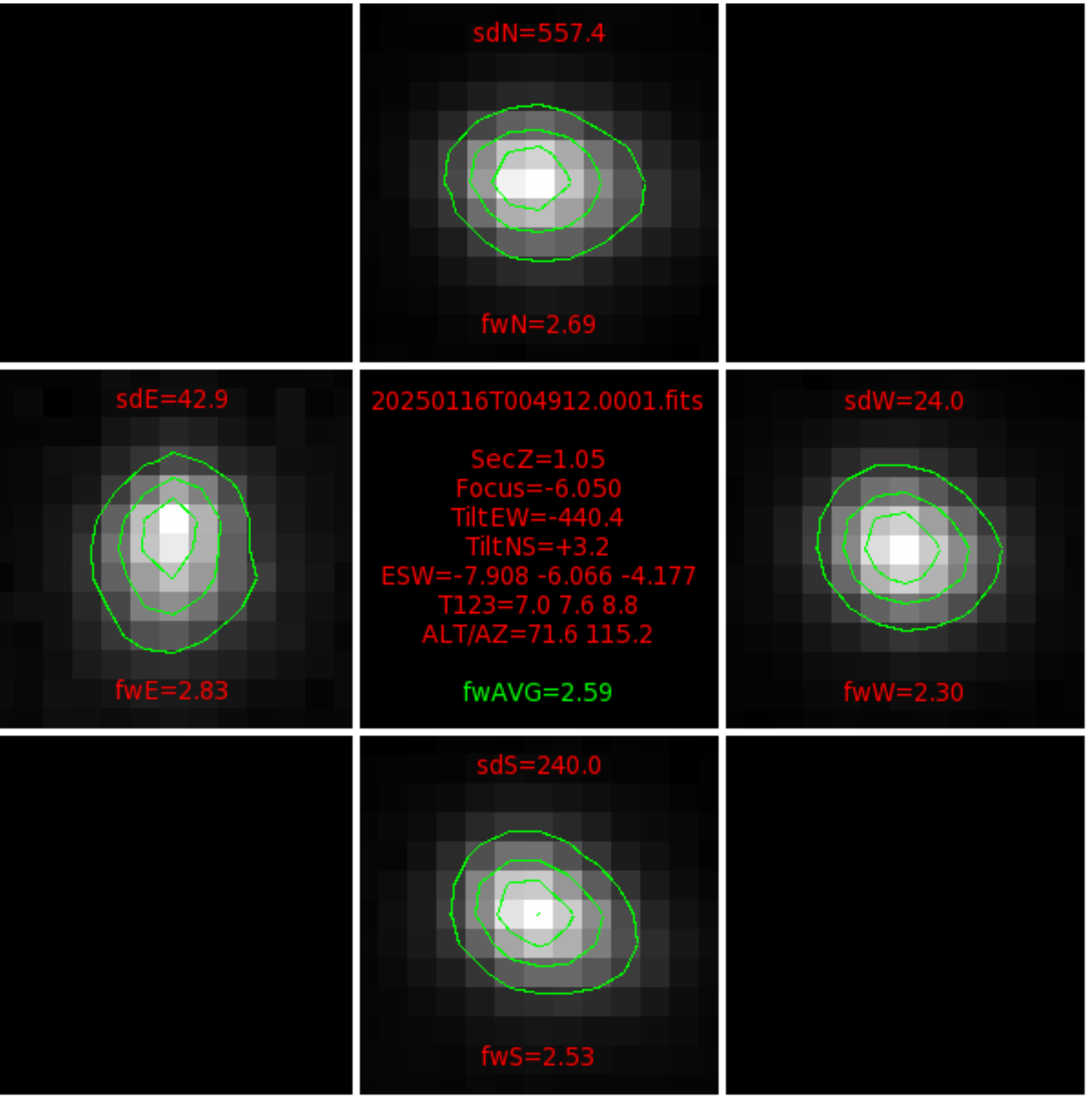
sdN=557.4
fwN=2.69
sdE=42.9
fwE=2.83
20250116T004912.0001.fits
SecZ=1.05
Focus=-6.050
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.908 -6.066 -4.177
T123=7.0 7.6 8.8
ALT/AZ=71.6 115.2
fwAVG=2.59
sdW=24.0
fwW=2.30
sdS=240.0
fwS=2.53
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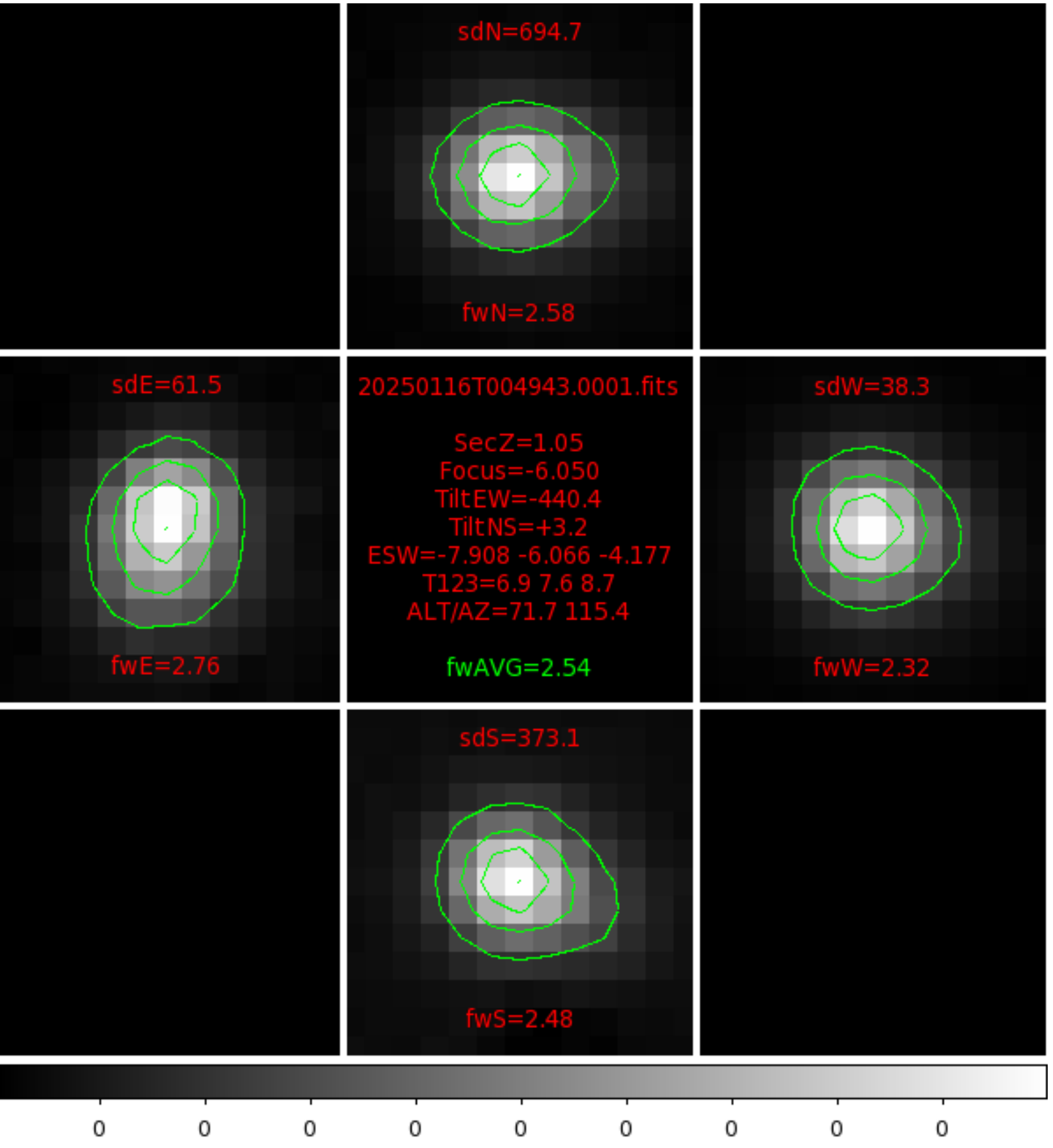
sdN=694.7
fwN=2.58
sdE=61.5
fwE=2.76
20250116T004943.0001.fits
SecZ=1.05
Focus=-6.050
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.908 -6.066 -4.177
T123=6.9 7.6 8.7
ALT/AZ=71.7 115.4
fwAVG=2.54
sdW=38.3
fwW=2.32
sdS=373.1
fwS=2.48
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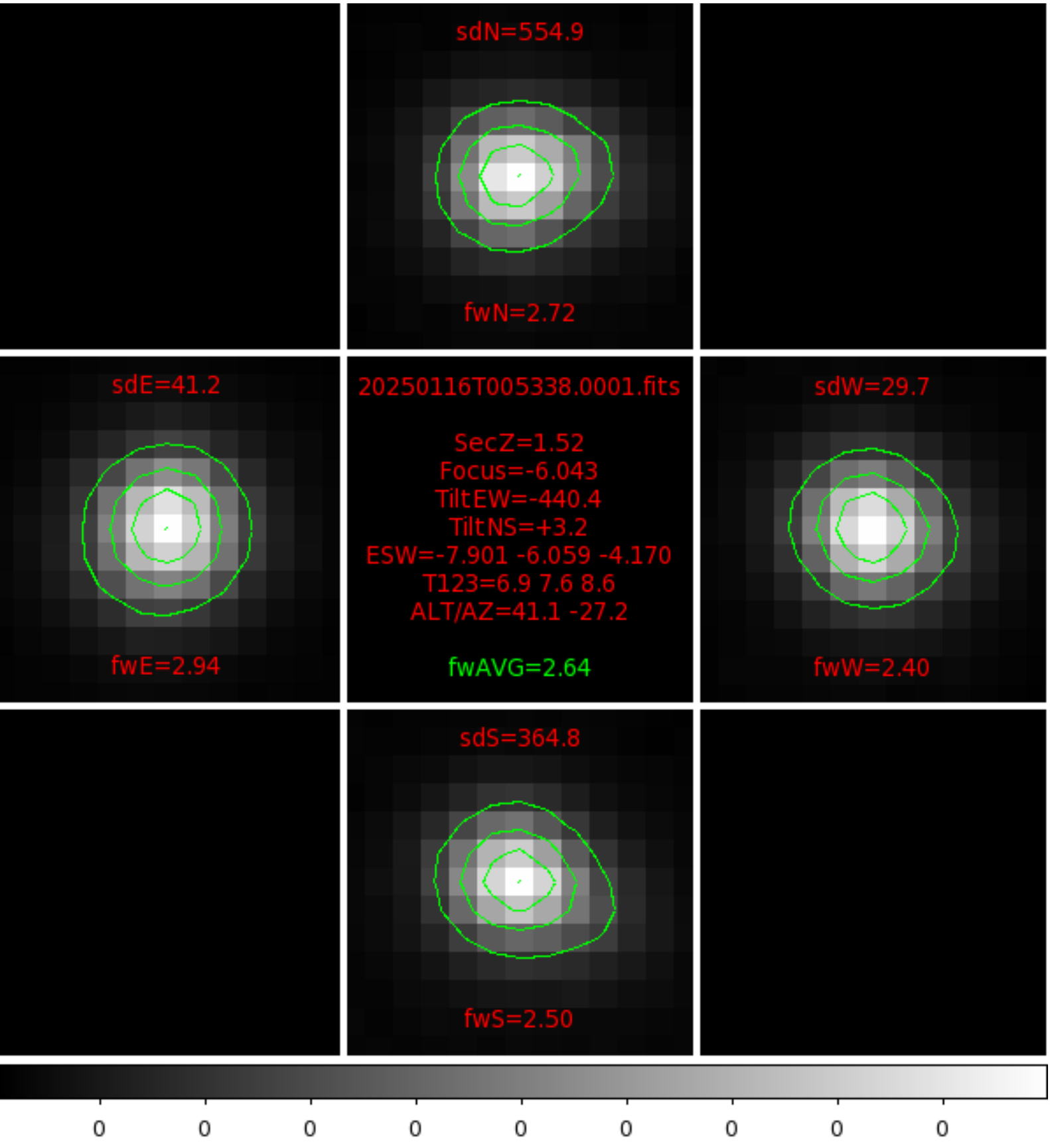
sdN=554.9
fwN=2.72
sdE=41.2
fwE=2.94
20250116T005338.0001.fits
SecZ=1.52
Focus=-6.043
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.901 -6.059 -4.170
T123=6.9 7.6 8.6
ALT/AZ=41.1 -27.2
fwAVG=2.64
sdW=29.7
fwW=2.40
sdS=364.8
fwS=2.50
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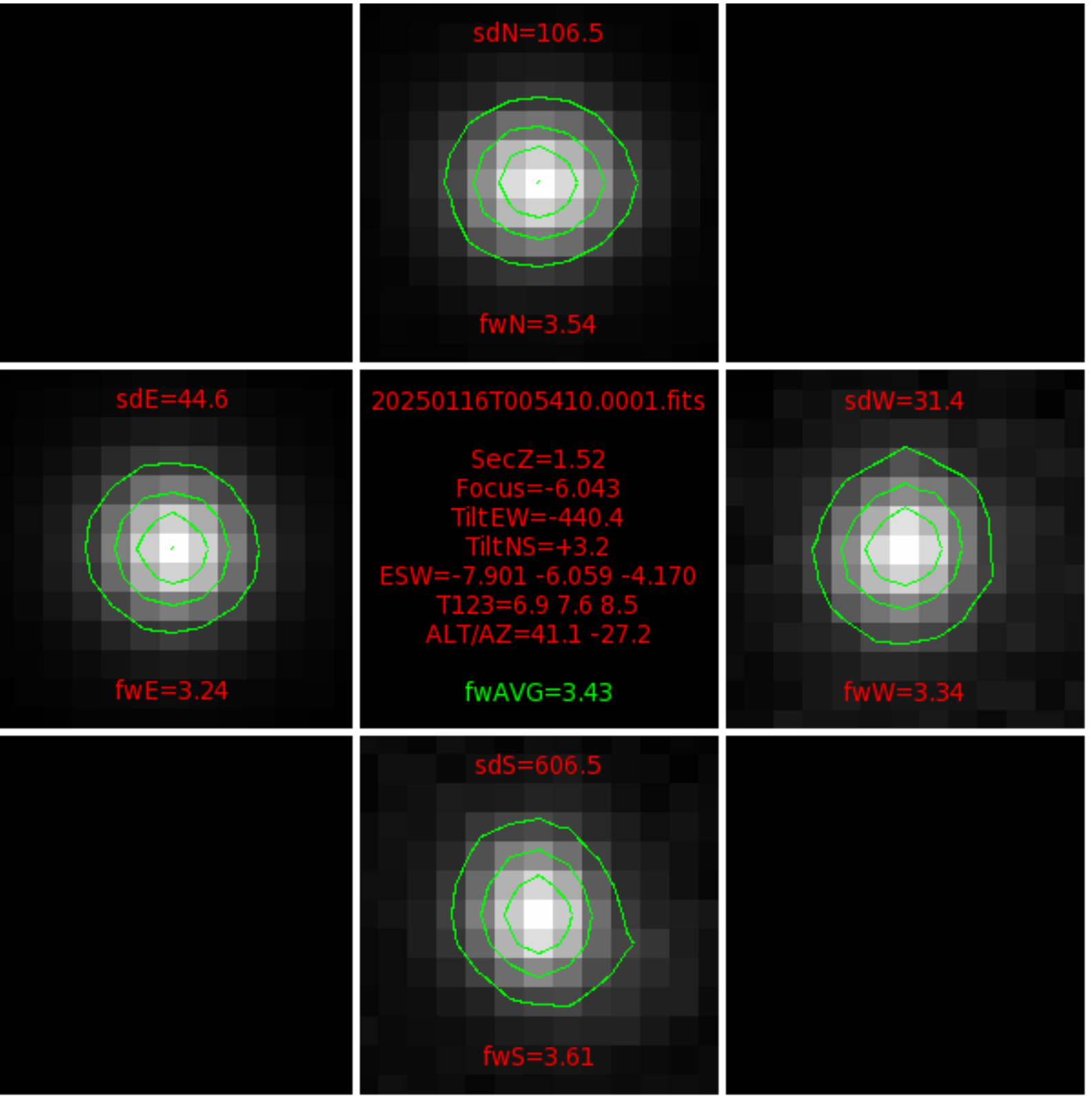
sdN=106.5
fwN=3.54
sdE=44.6
fwE=3.24
20250116T005410.0001.fits
SecZ=1.52
Focus=-6.043
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.901 -6.059 -4.170
T123=6.9 7.6 8.5
ALT/AZ=41.1 -27.2
fwAVG=3.43
sdW=31.4
fwW=3.34
sdS=606.5
fwS=3.61
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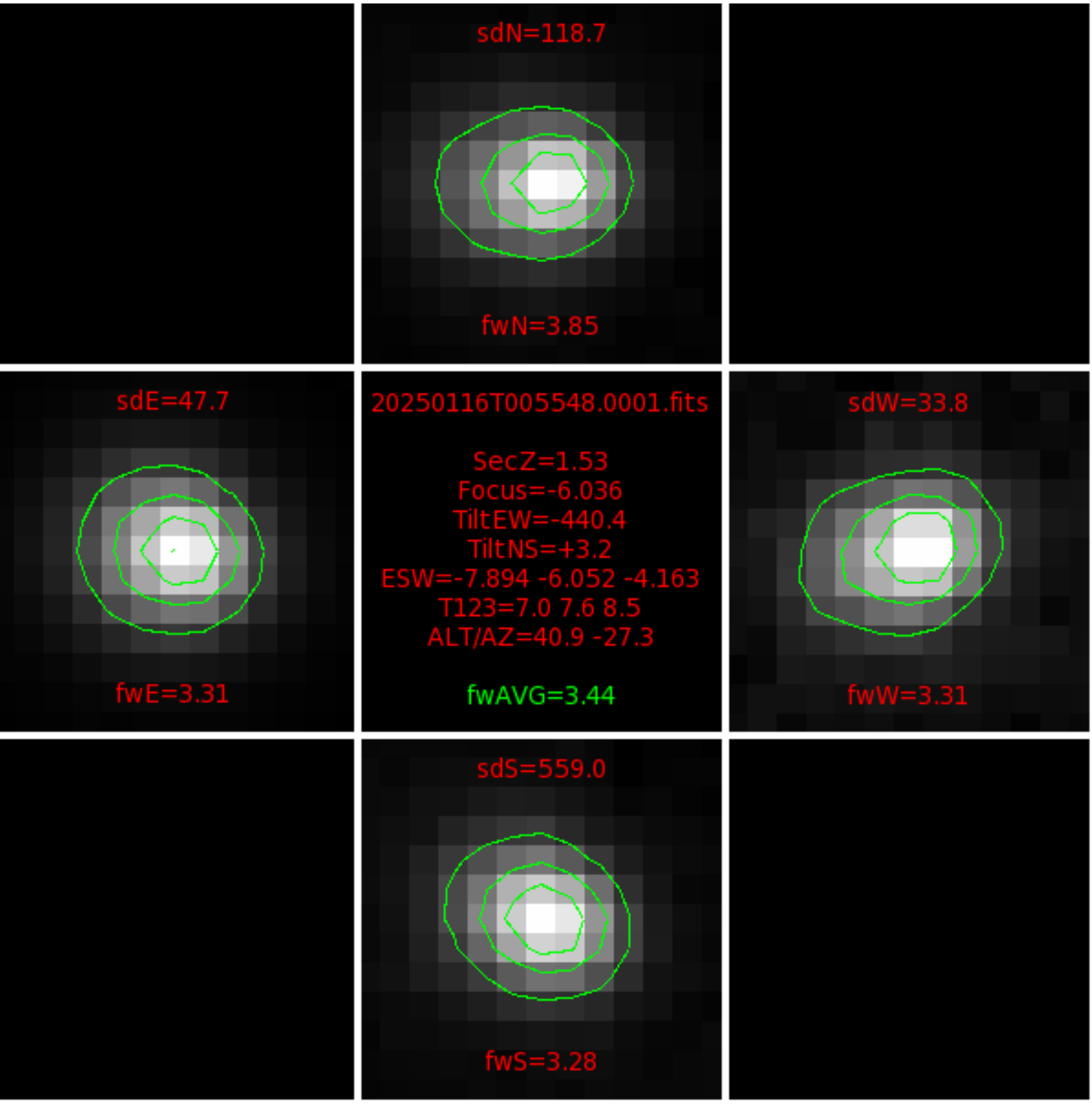
sdN=118.7
fwN=3.85
sdE=47.7
fwE=3.31
20250116T005548.0001.fits
SecZ=1.53
Focus=-6.036
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.894 -6.052 -4.163
T123=7.0 7.6 8.5
ALT/AZ=40.9 -27.3
fwAVG=3.44
sdW=33.8
fwW=3.31
sdS=559.0
fwS=3.28
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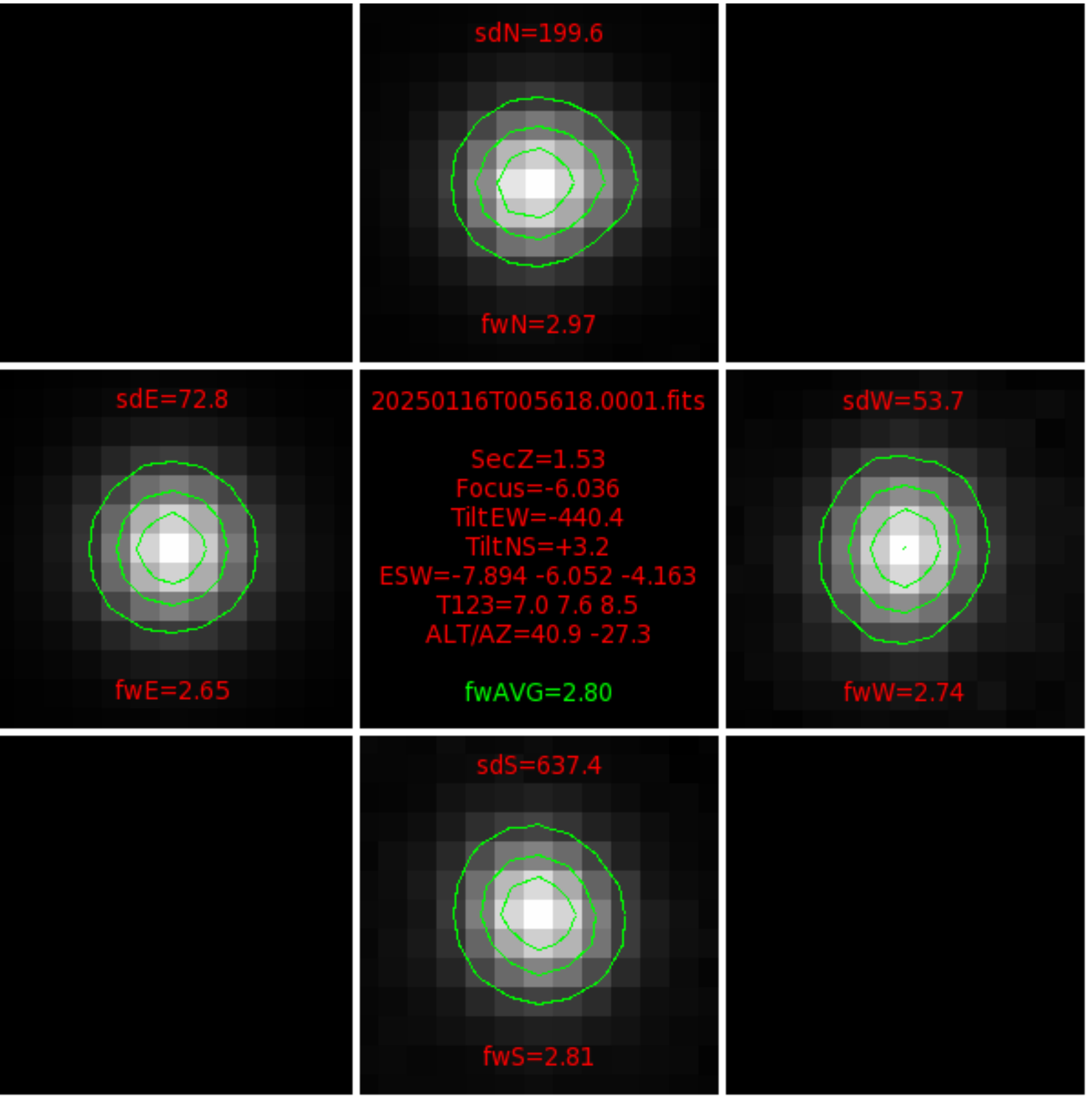
sdN=199.6
fwN=2.97
sdE=72.8
fwE=2.65
20250116T005618.0001.fits
SecZ=1.53
Focus=-6.036
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.894 -6.052 -4.163
T123=7.0 7.6 8.5
ALT/AZ=40.9 -27.3
fwAVG=2.80
sdW=53.7
fwW=2.74
sdS=637.4
fwS=2.81
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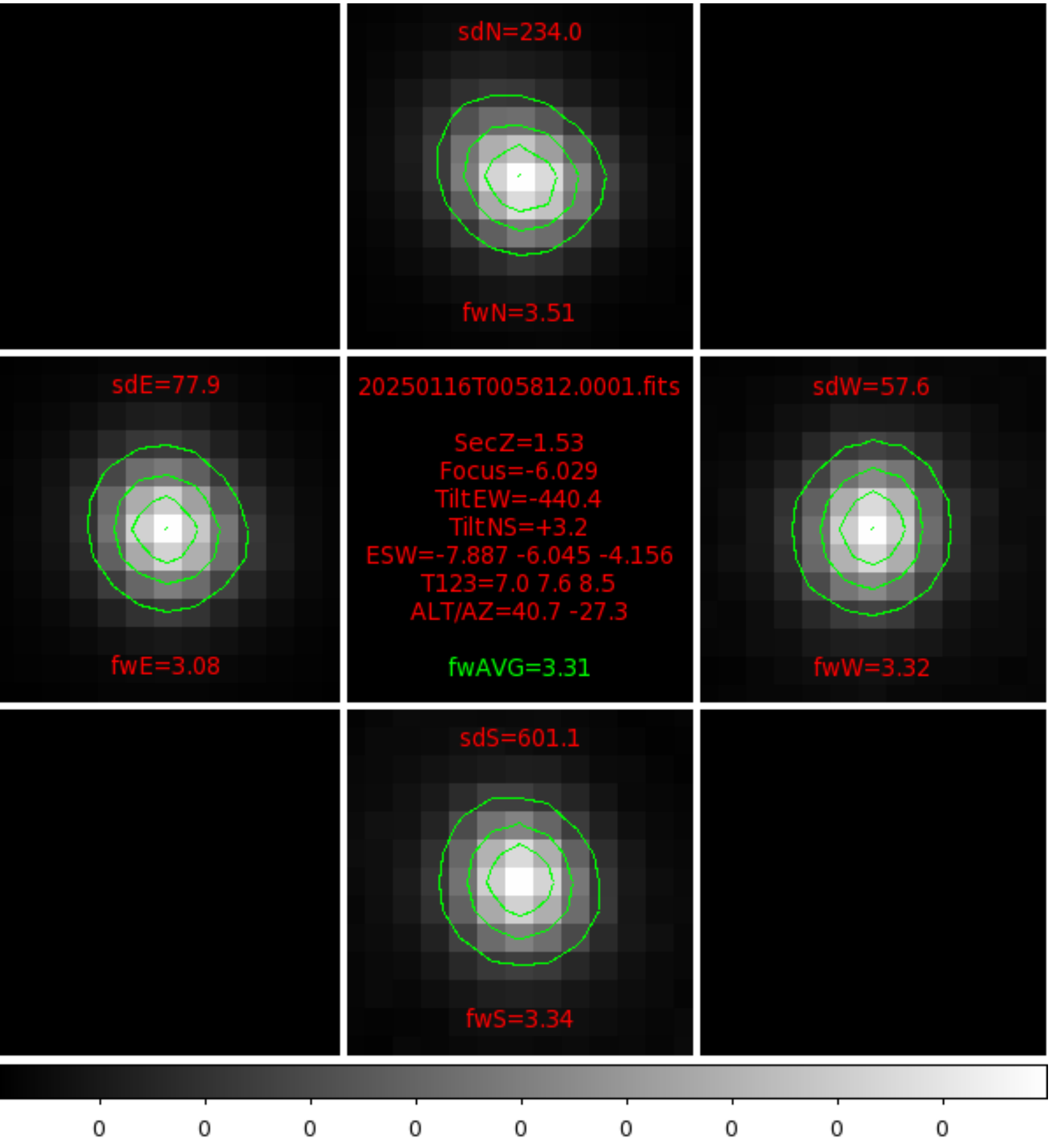
sdN=234.0
fwN=3.51
sdE=77.9
fwE=3.08
20250116T005812.0001.fits
SecZ=1.53
Focus=-6.029
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.887 -6.045 -4.156
T123=7.0 7.6 8.5
ALT/AZ=40.7 -27.3
fwAVG=3.31
sdW=57.6
fwW=3.32
sdS=601.1
fwS=3.34
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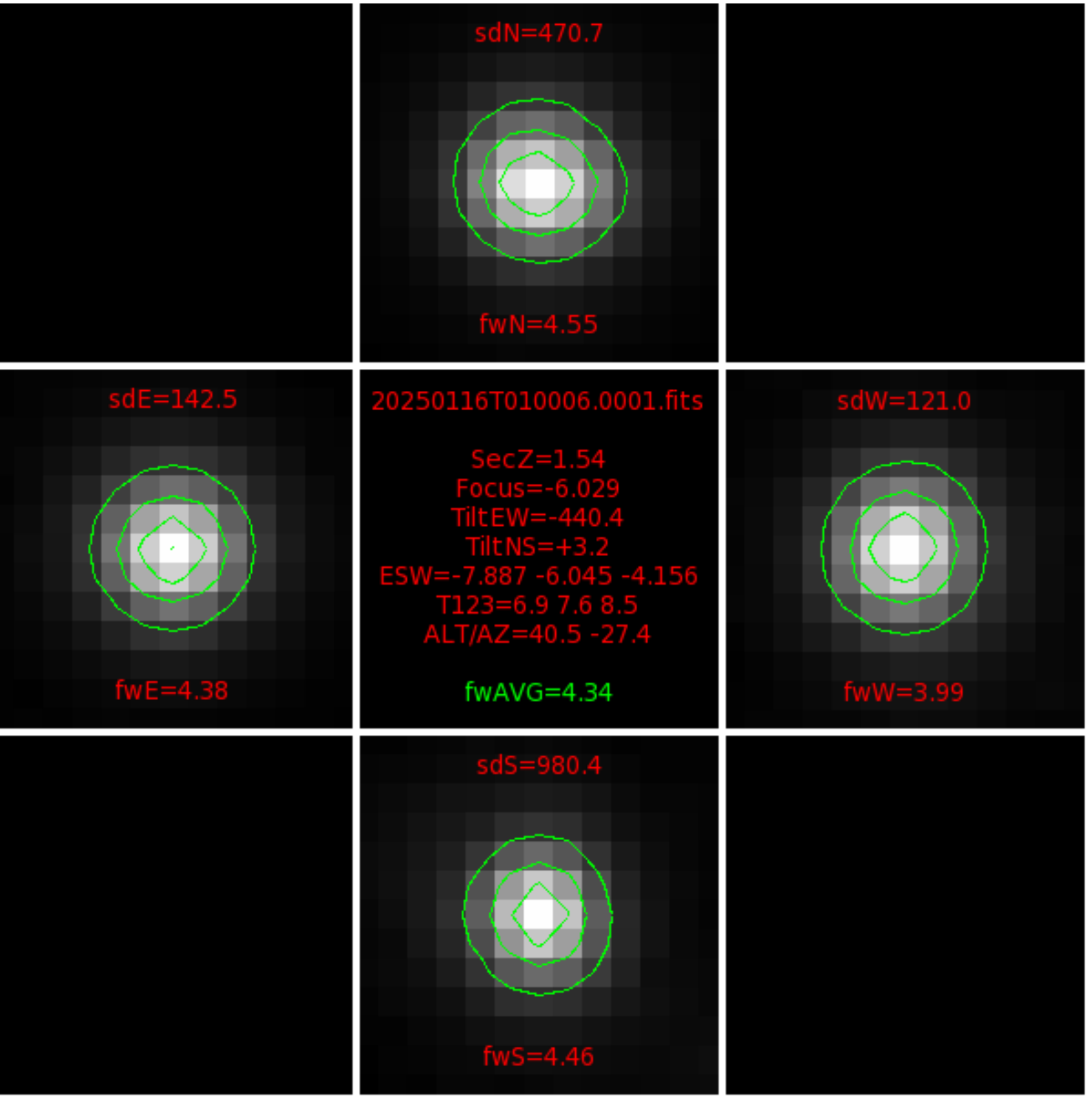
sdN=470.7
fwN=4.55
sdE=142.5
fwE=4.38
20250116T010006.0001.fits
SecZ=1.54
Focus=-6.029
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.887 -6.045 -4.156
T123=6.9 7.6 8.5
ALT/AZ=40.5 -27.4
fwAVG=4.34
sdW=121.0
fwW=3.99
sdS=980.4
fwS=4.46
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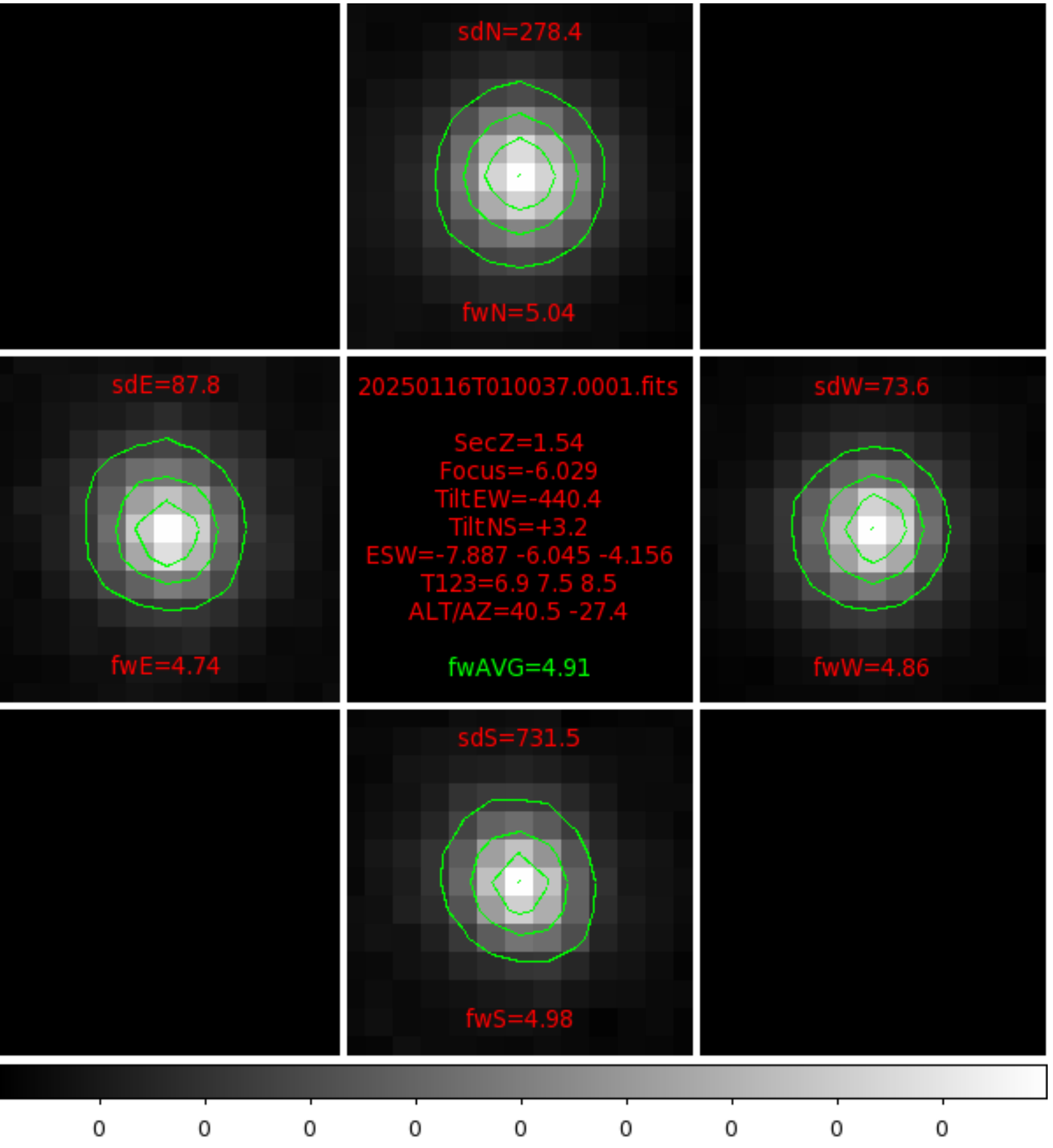
sdN=278.4
fwN=5.04
sdE=87.8
fwE=4.74
20250116T010037.0001.fits
SecZ=1.54
Focus=-6.029
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.887 -6.045 -4.156
T123=6.9 7.5 8.5
ALT/AZ=40.5 -27.4
fwAVG=4.91
sdW=73.6
fwW=4.86
sdS=731.5
fwS=4.98
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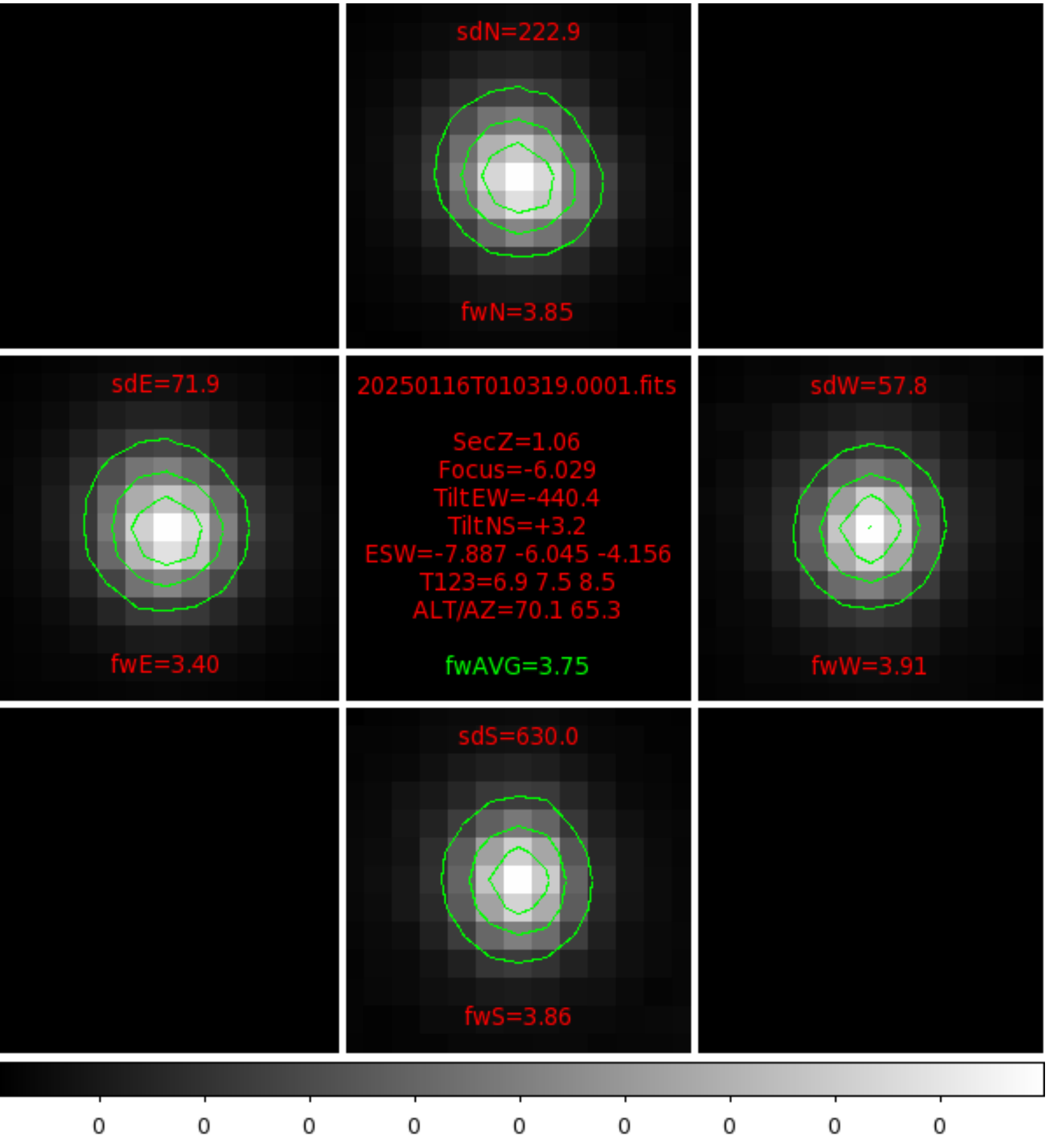
sdN=222.9
fwN=3.85
sdE=71.9
fwE=3.40
20250116T010319.0001.fits
SecZ=1.06
Focus=-6.029
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.887 -6.045 -4.156
T123=6.9 7.5 8.5
ALT/AZ=70.1 65.3
fwAVG=3.75
sdW=57.8
fwW=3.91
sdS=630.0
fwS=3.86
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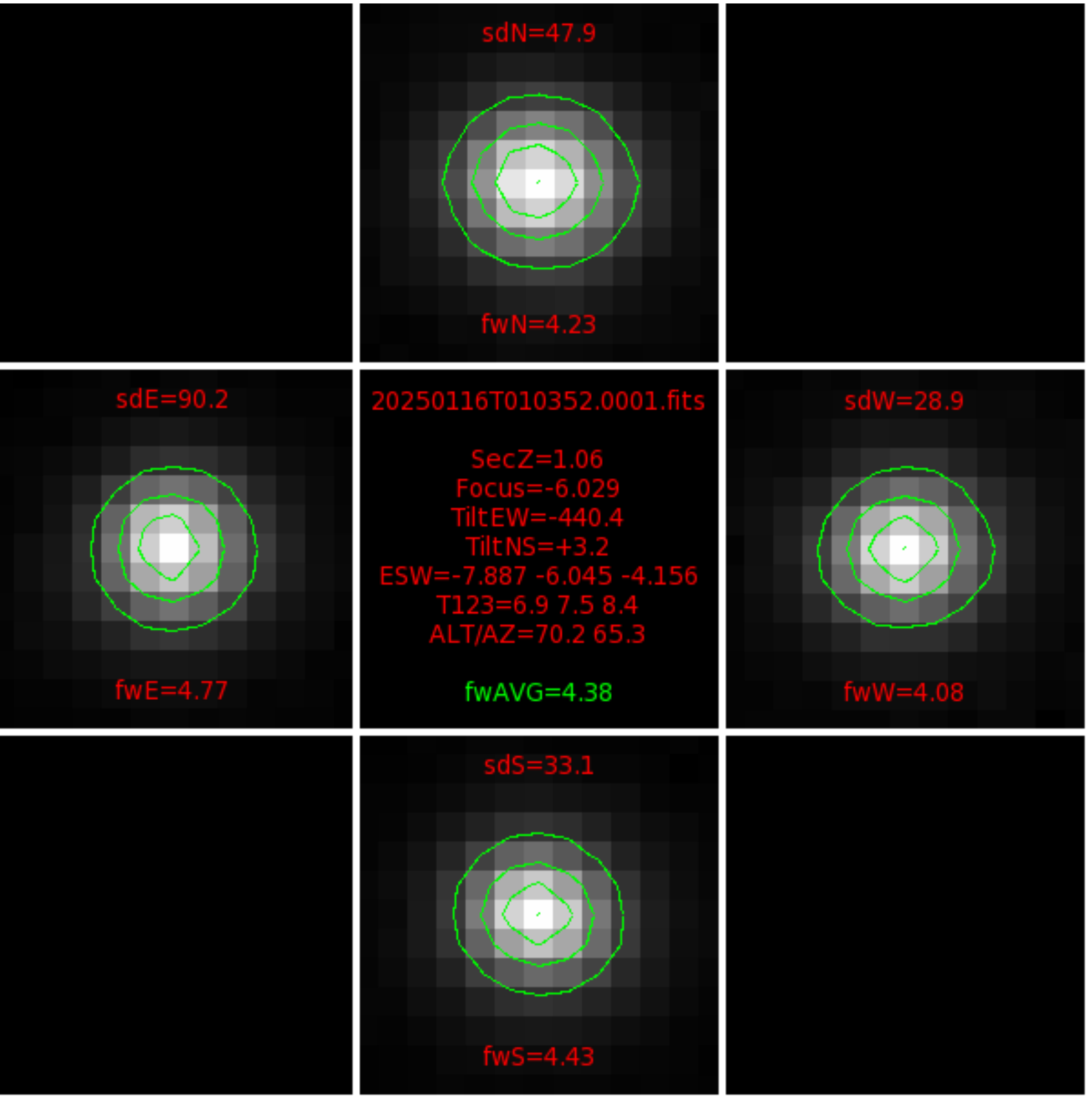
sdN=47.9
fwN=4.23
sdE=90.2
fwE=4.77
20250116T010352.0001.fits
SecZ=1.06
Focus=-6.029
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.887 -6.045 -4.156
T123=6.9 7.5 8.4
ALT/AZ=70.2 65.3
fwAVG=4.38
sdW=28.9
fwW=4.08
sdS=33.1
fwS=4.43
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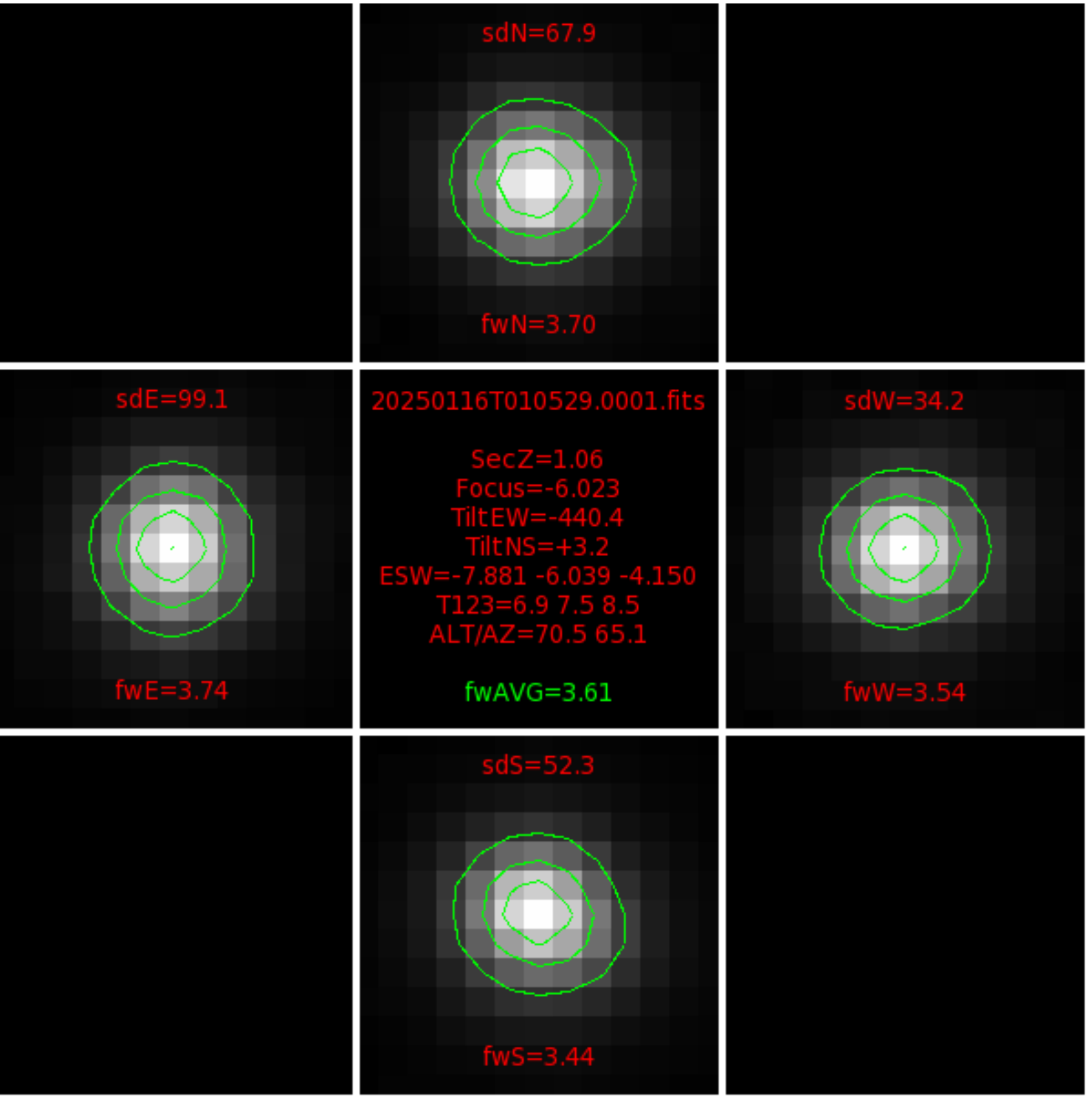
sdN=67.9
fwN=3.70
sdE=99.1
fwE=3.74
20250116T010529.0001.fits
SecZ=1.06
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=6.9 7.5 8.5
ALT/AZ=70.5 65.1
fwAVG=3.61
sdW=34.2
fwW=3.54
sdS=52.3
fwS=3.44
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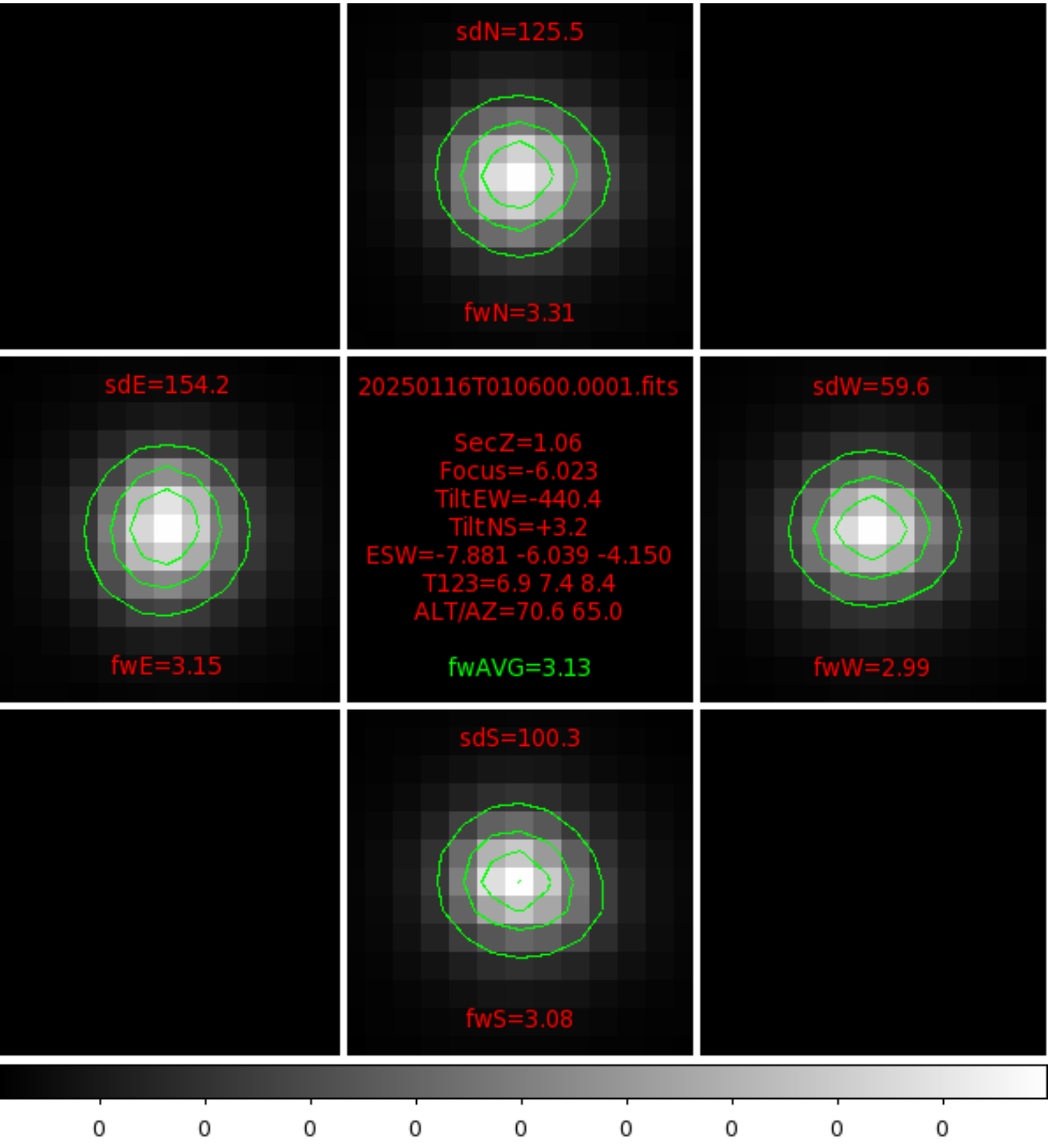
sdN=125.5
fwN=3.31
sdE=154.2
fwE=3.15
20250116T010600.0001.fits
SecZ=1.06
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=6.9 7.4 8.4
ALT/AZ=70.6 65.0
fwAVG=3.13
sdW=59.6
fwW=2.99
sdS=100.3
fwS=3.08
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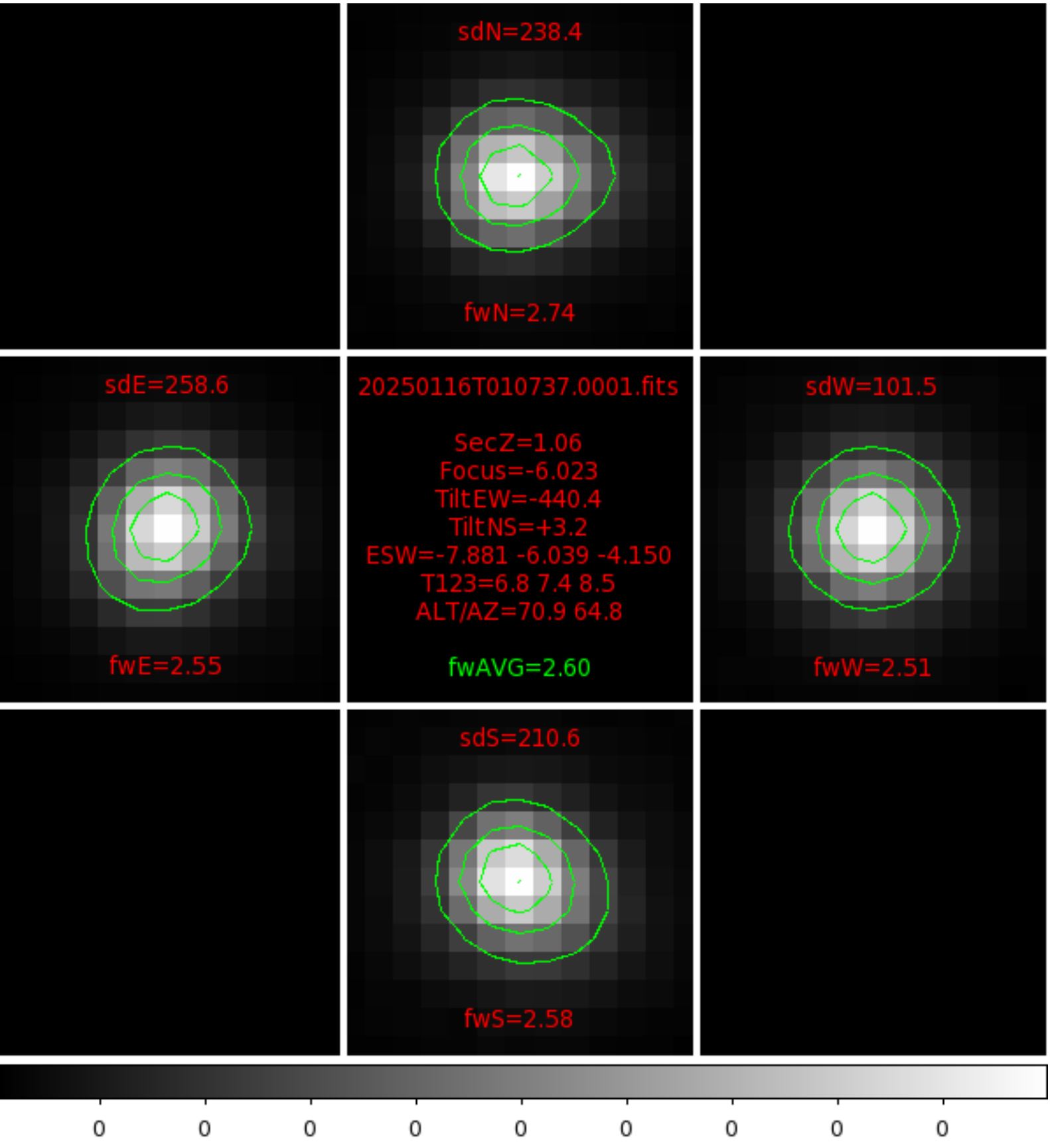
sdN=238.4
fwN=2.74
sdE=258.6
fwE=2.55
20250116T010737.0001.fits
SecZ=1.06
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=6.8 7.4 8.5
ALT/AZ=70.9 64.8
fwAVG=2.60
sdW=101.5
fwW=2.51
sdS=210.6
fwS=2.58
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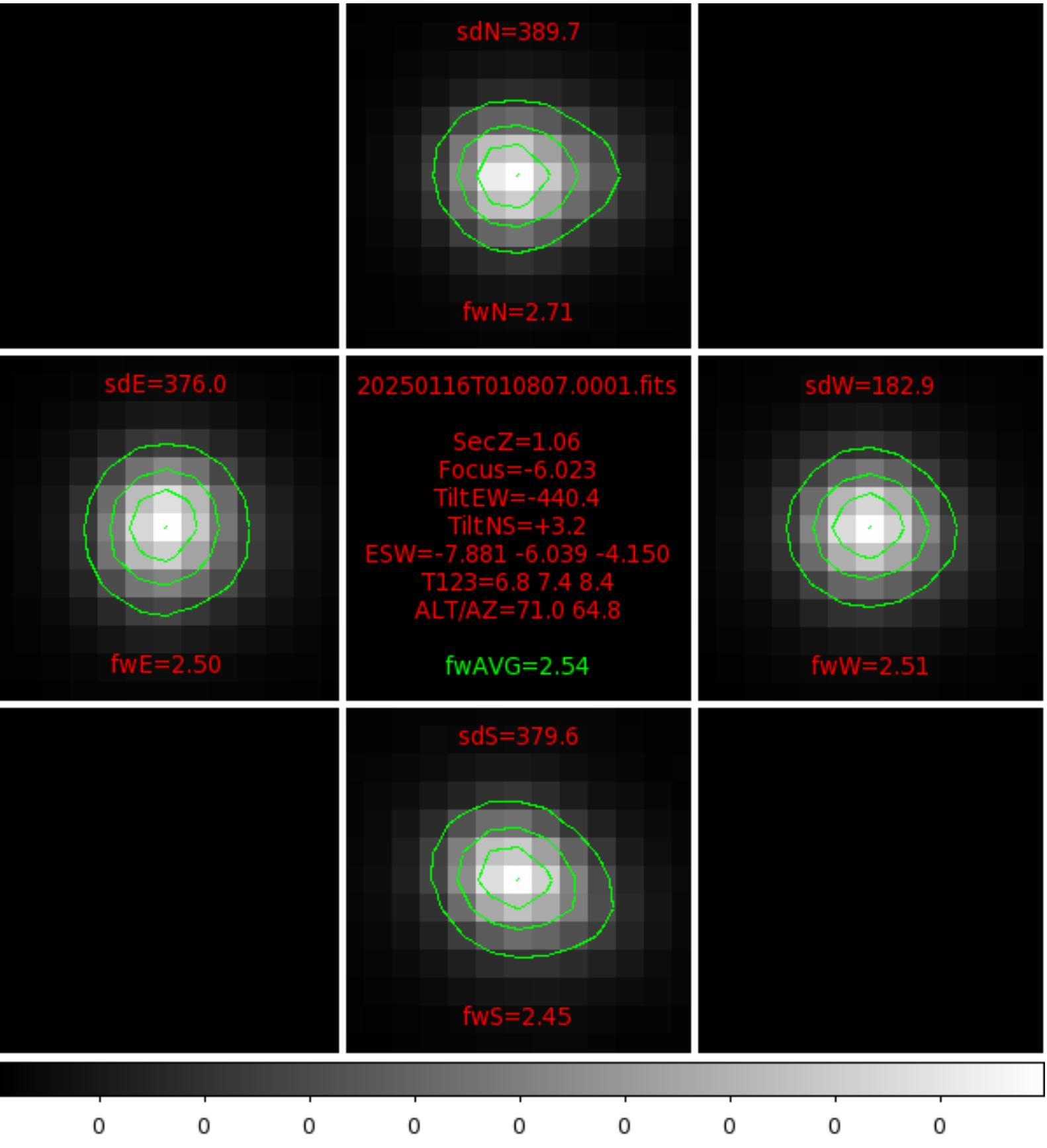
sdN=389.7
fwN=2.71
sdE=376.0
fwE=2.50
20250116T010807.0001.fits
SecZ=1.06
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=6.8 7.4 8.4
ALT/AZ=71.0 64.8
fwAVG=2.54
sdW=182.9
fwW=2.51
sdS=379.6
fwS=2.45
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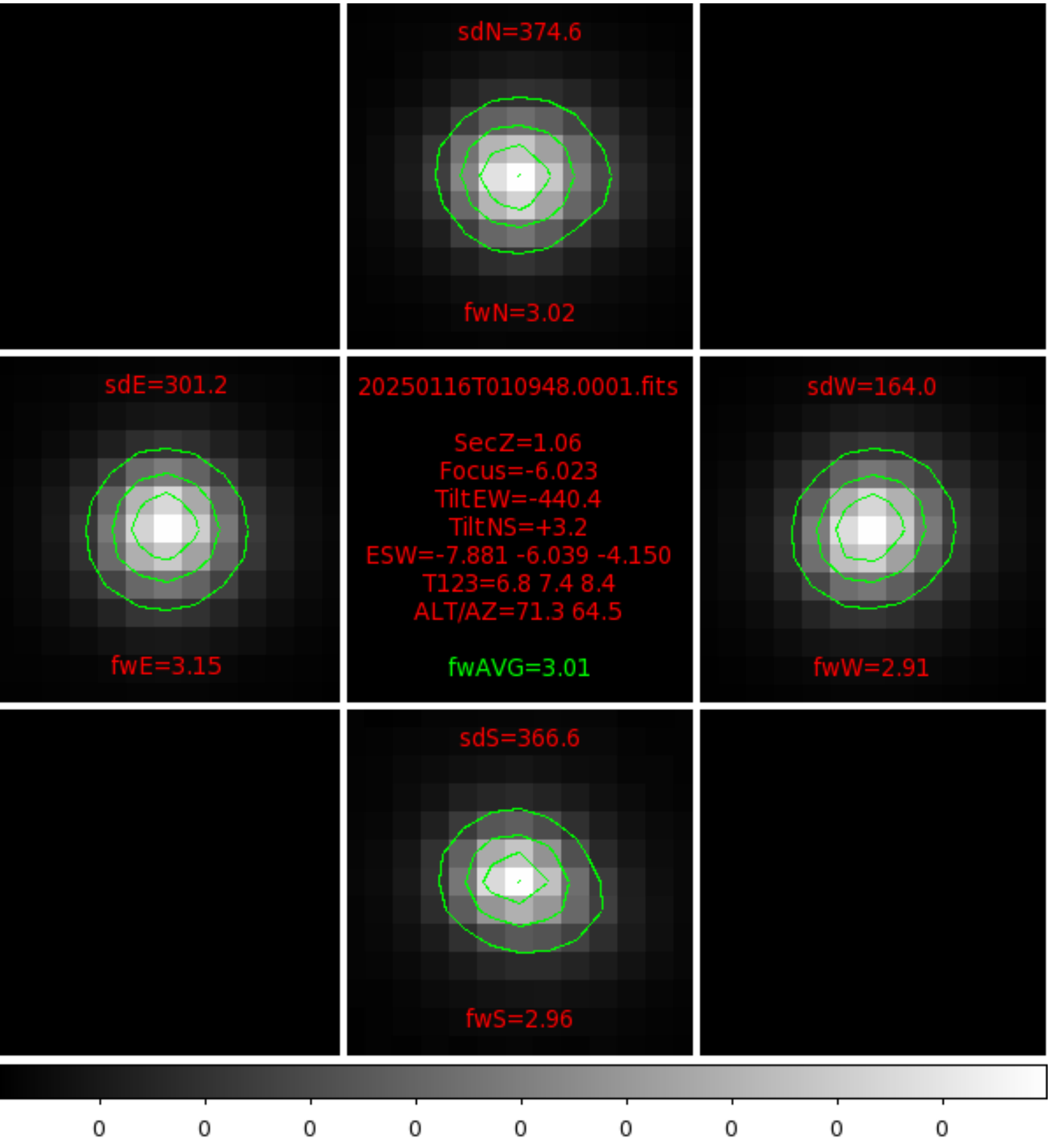
sdN=374.6
fwN=3.02
sdE=301.2
fwE=3.15
20250116T010948.0001.fits
SecZ=1.06
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=6.8 7.4 8.4
ALT/AZ=71.3 64.5
fwAVG=3.01
sdW=164.0
fwW=2.91
sdS=366.6
fwS=2.96
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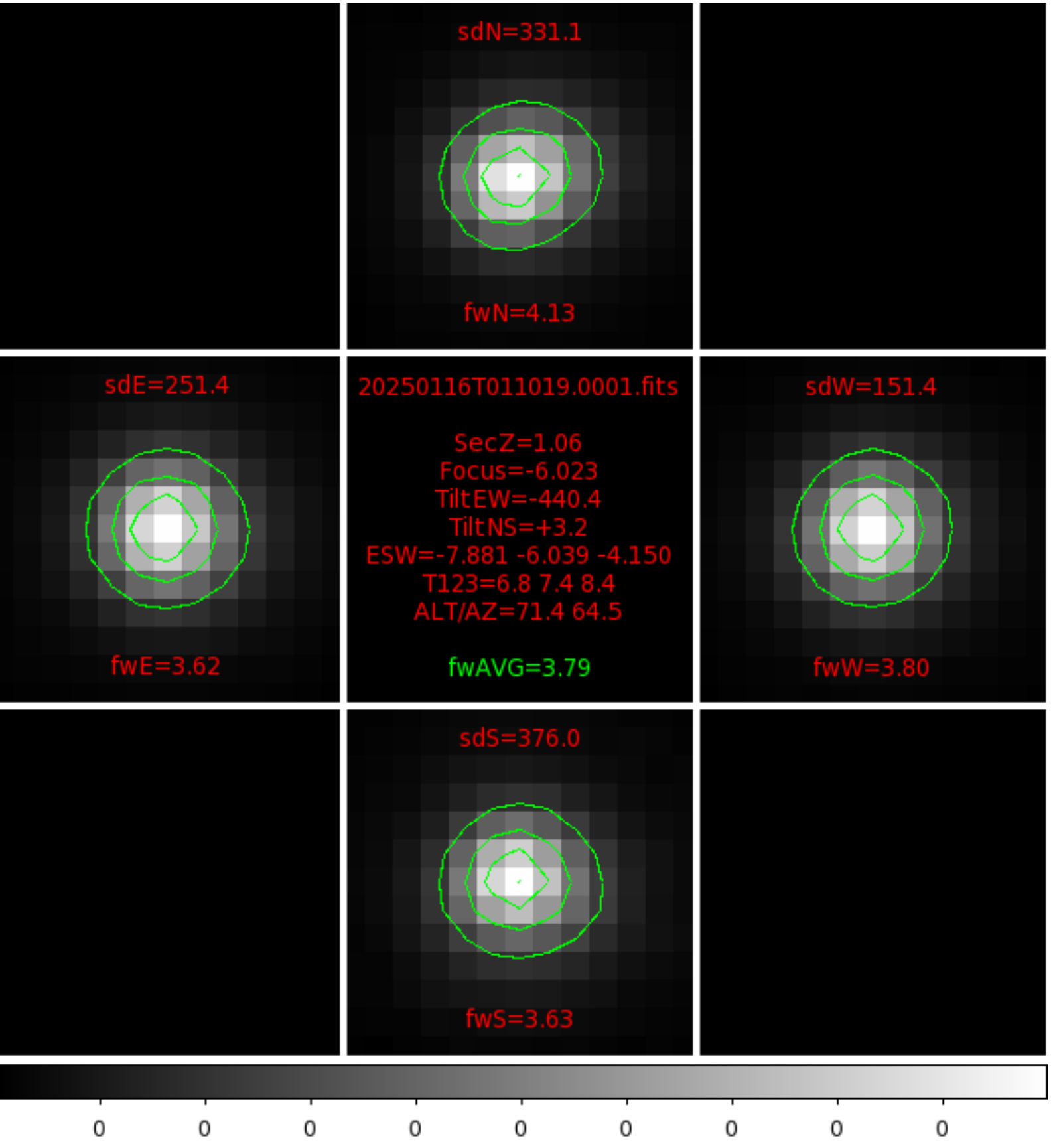
sdN=331.1
fwN=4.13
sdE=251.4
fwE=3.62
20250116T011019.0001.fits
SecZ=1.06
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=6.8 7.4 8.4
ALT/AZ=71.4 64.5
fwAVG=3.79
sdW=151.4
fwW=3.80
sdS=376.0
fwS=3.63
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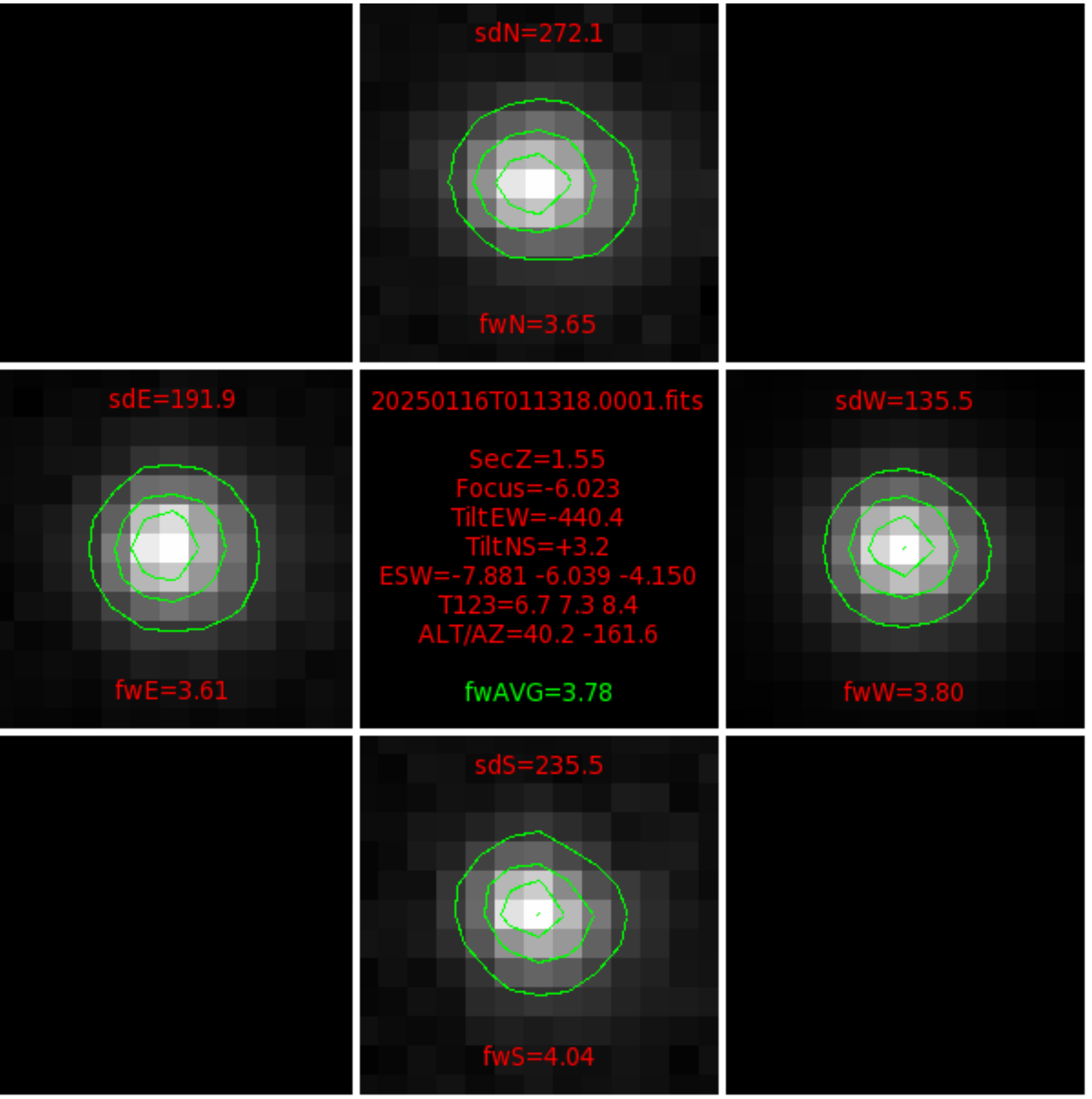
sdN=272.1
fwN=3.65
sdE=191.9
fwE=3.61
20250116T011318.0001.fits
SecZ=1.55
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=6.7 7.3 8.4
ALT/AZ=40.2 -161.6
fwAVG=3.78
sdW=135.5
fwW=3.80
sdS=235.5
fwS=4.04
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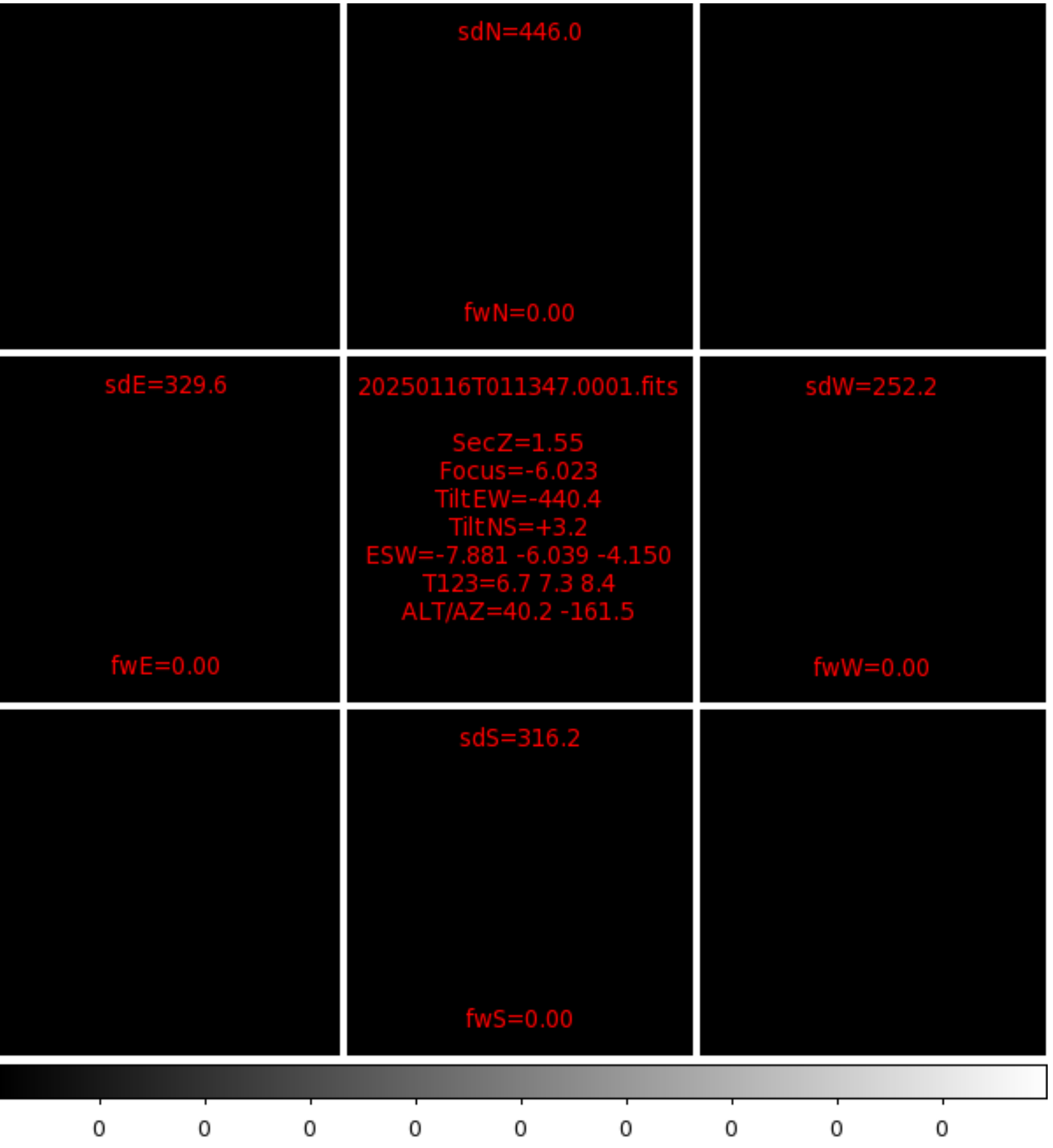
sdN=446.0
fwN=0.00
sdE=329.6
fwE=0.00
20250116T011347.0001.fits
SecZ=1.55
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=6.7 7.3 8.4
ALT/AZ=40.2 -161.5
sdW=252.2
fwW=0.00
sdS=316.2
fwS=0.00
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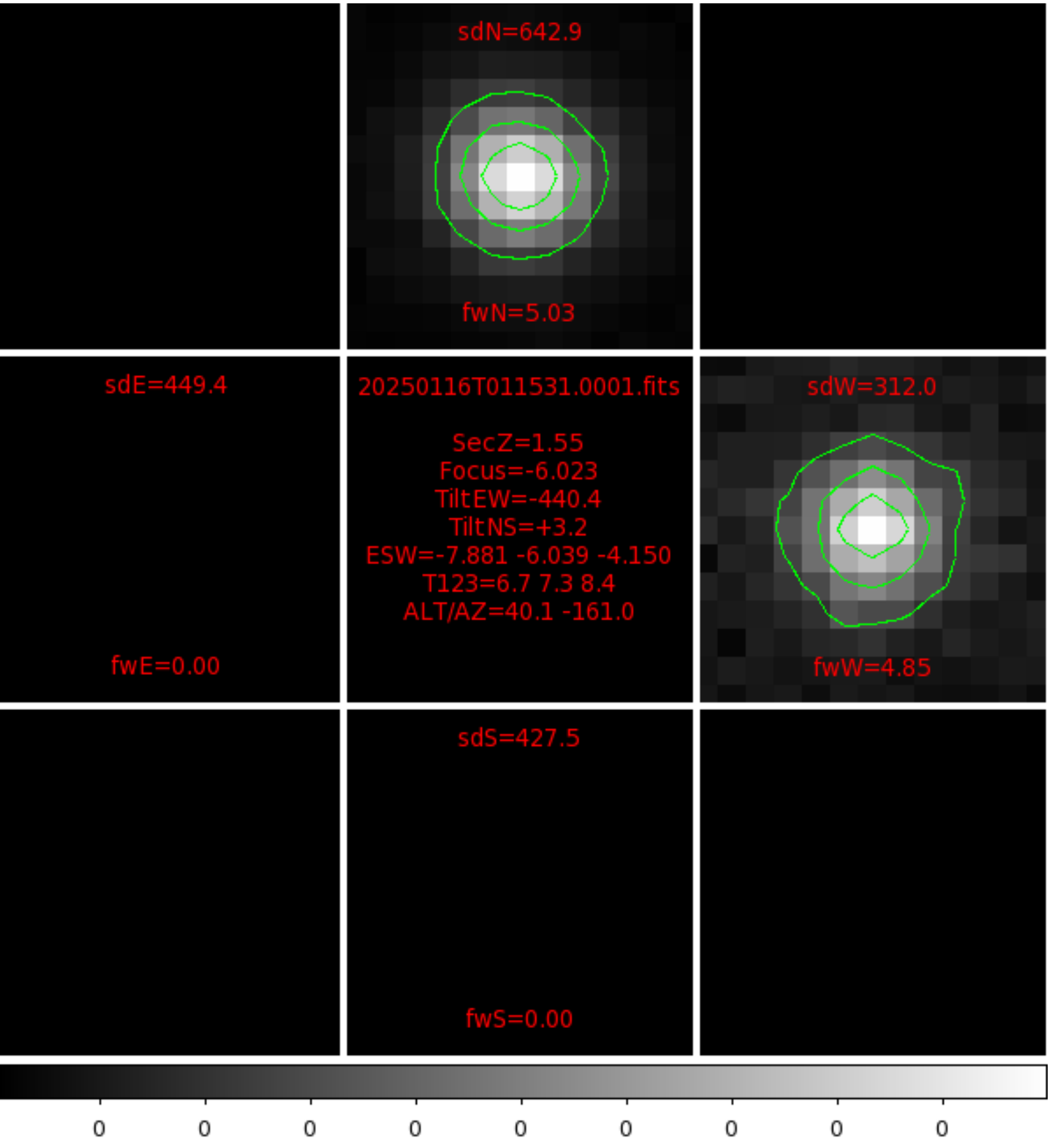
sdN=642.9
fwN=5.03
sdE=449.4
fwE=0.00
20250116T011531.0001.fits
SecZ=1.55
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=6.7 7.3 8.4
ALT/AZ=40.1 -161.0
sdW=312.0
fwW=4.85
sdS=427.5
fwS=0.00
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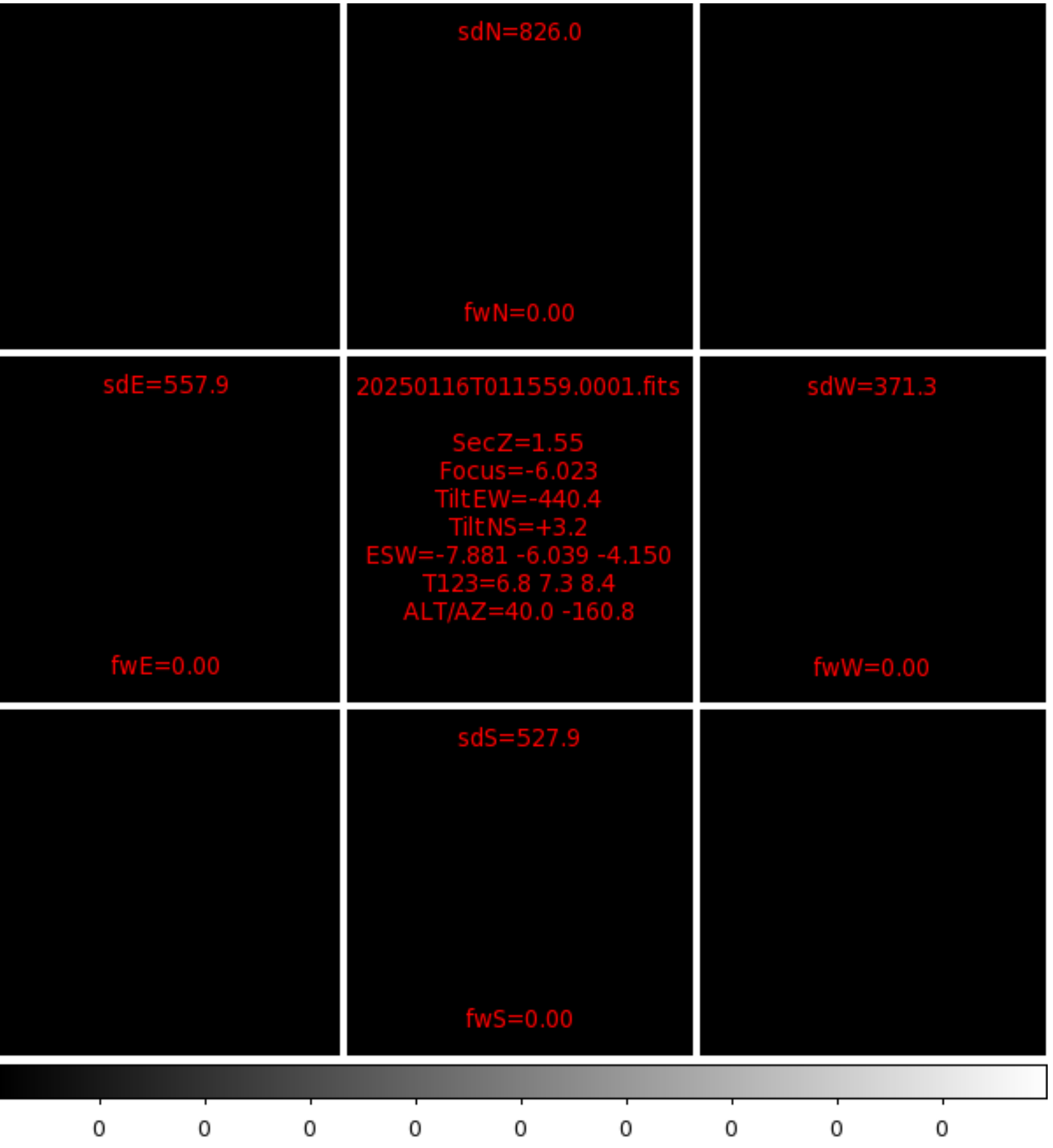
sdN=826.0
fwN=0.00
sdE=557.9
fwE=0.00
20250116T011559.0001.fits
SecZ=1.55
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=6.8 7.3 8.4
ALT/AZ=40.0 -160.8
sdW=371.3
fwW=0.00
sdS=527.9
fwS=0.00
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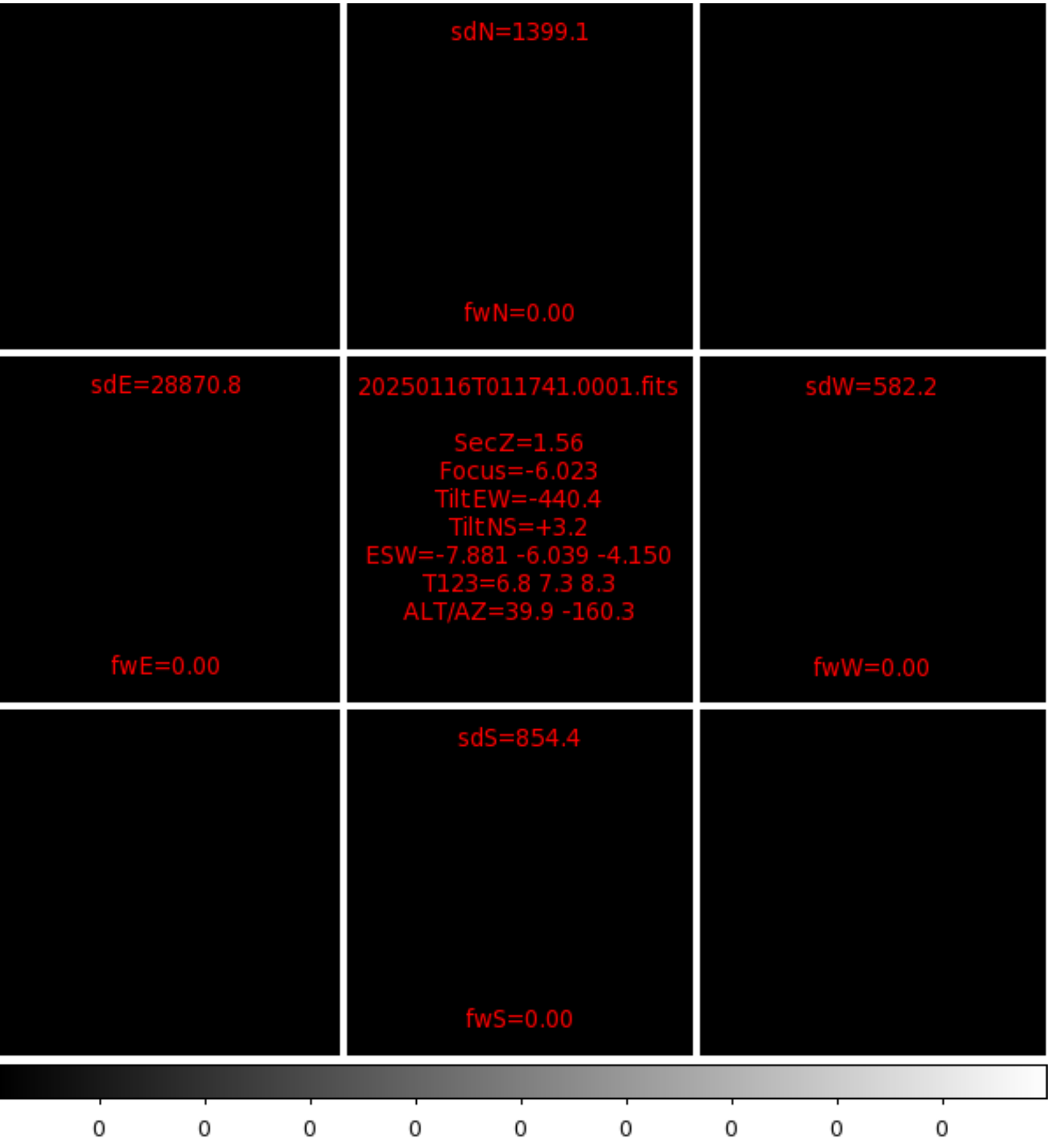
sdN=1399.1
fwN=0.00
sdE=28870.8
fwE=0.00
20250116T011741.0001.fits
SecZ=1.56
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=6.8 7.3 8.3
ALT/AZ=39.9 -160.3
sdW=582.2
fwW=0.00
sdS=854.4
fwS=0.00
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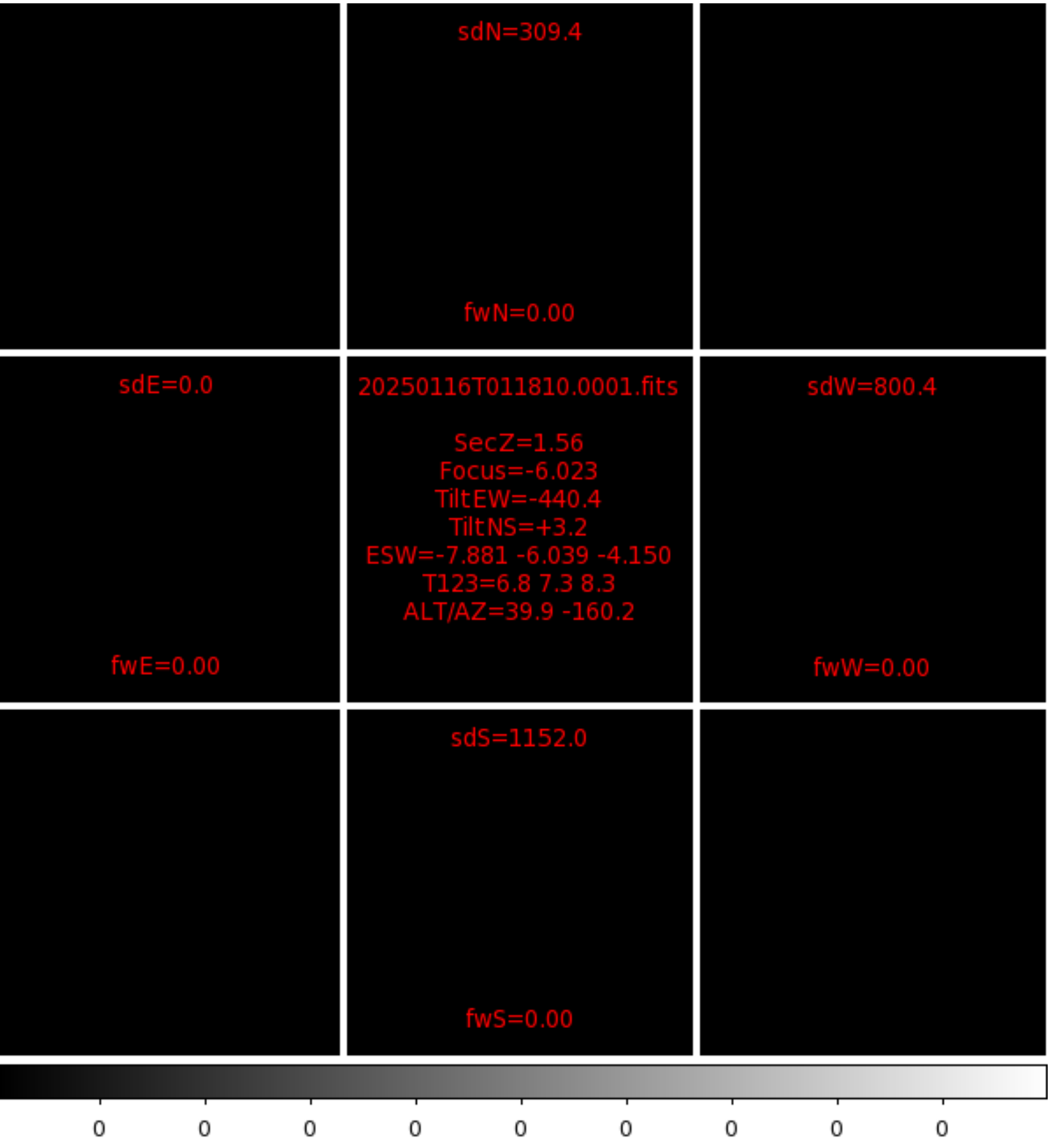
sdN=309.4
fwN=0.00
sdE=0.0
20250116T011810.0001.fits
SecZ=1.56
Focus=-6.023
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.881 -6.039 -4.150
T123=6.8 7.3 8.3
ALT/AZ=39.9 -160.2
sdW=800.4
fwE=0.00
fwW=0.00
sdS=1152.0
fwS=0.00
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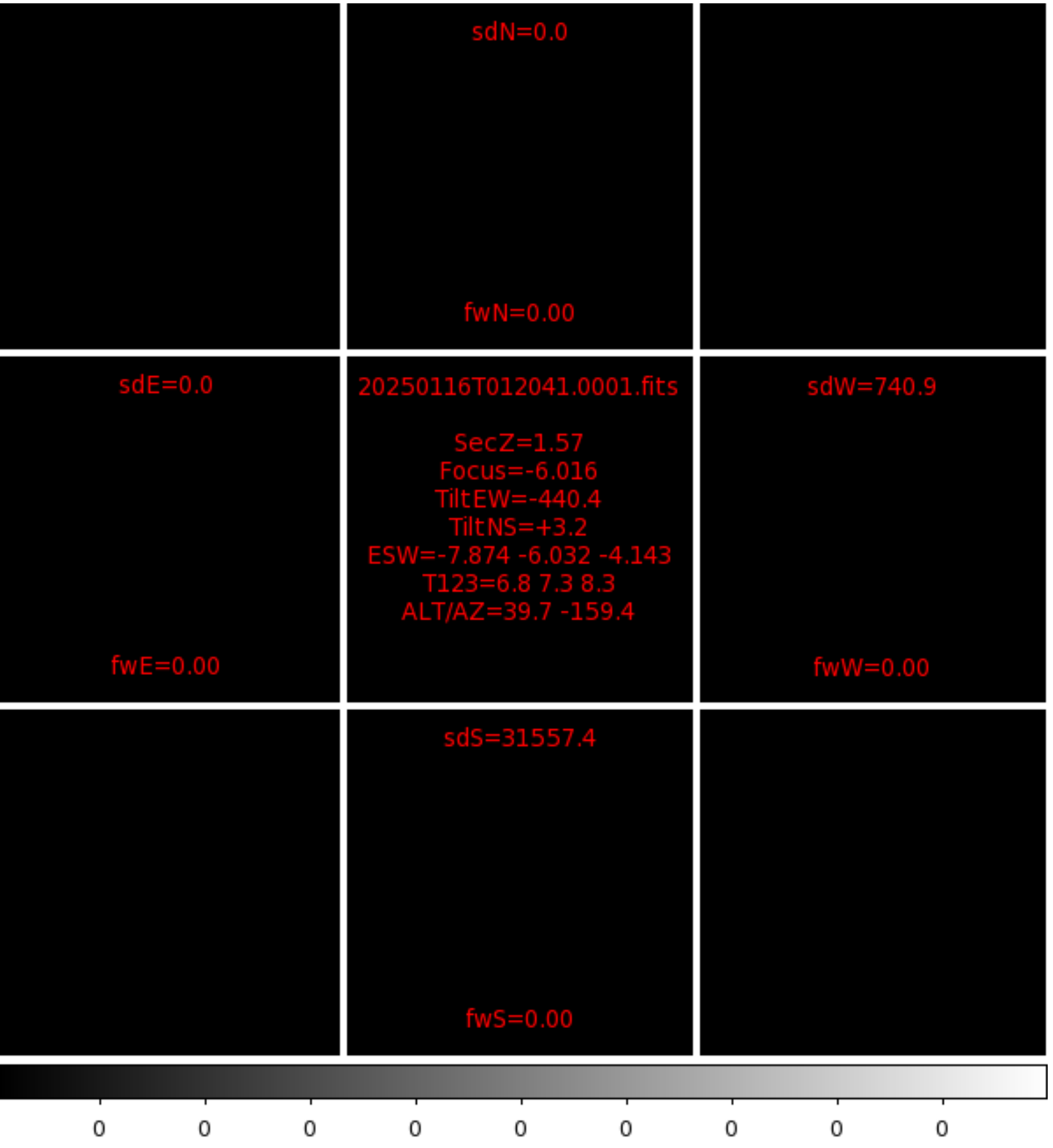
sdN=0.0
fwN=0.00
sdE=0.0
20250116T012041.0001.fits
SecZ=1.57
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.3 8.3
ALT/AZ=39.7 -159.4
sdW=740.9
fwE=0.00
fwW=0.00
sdS=31557.4
fwS=0.00
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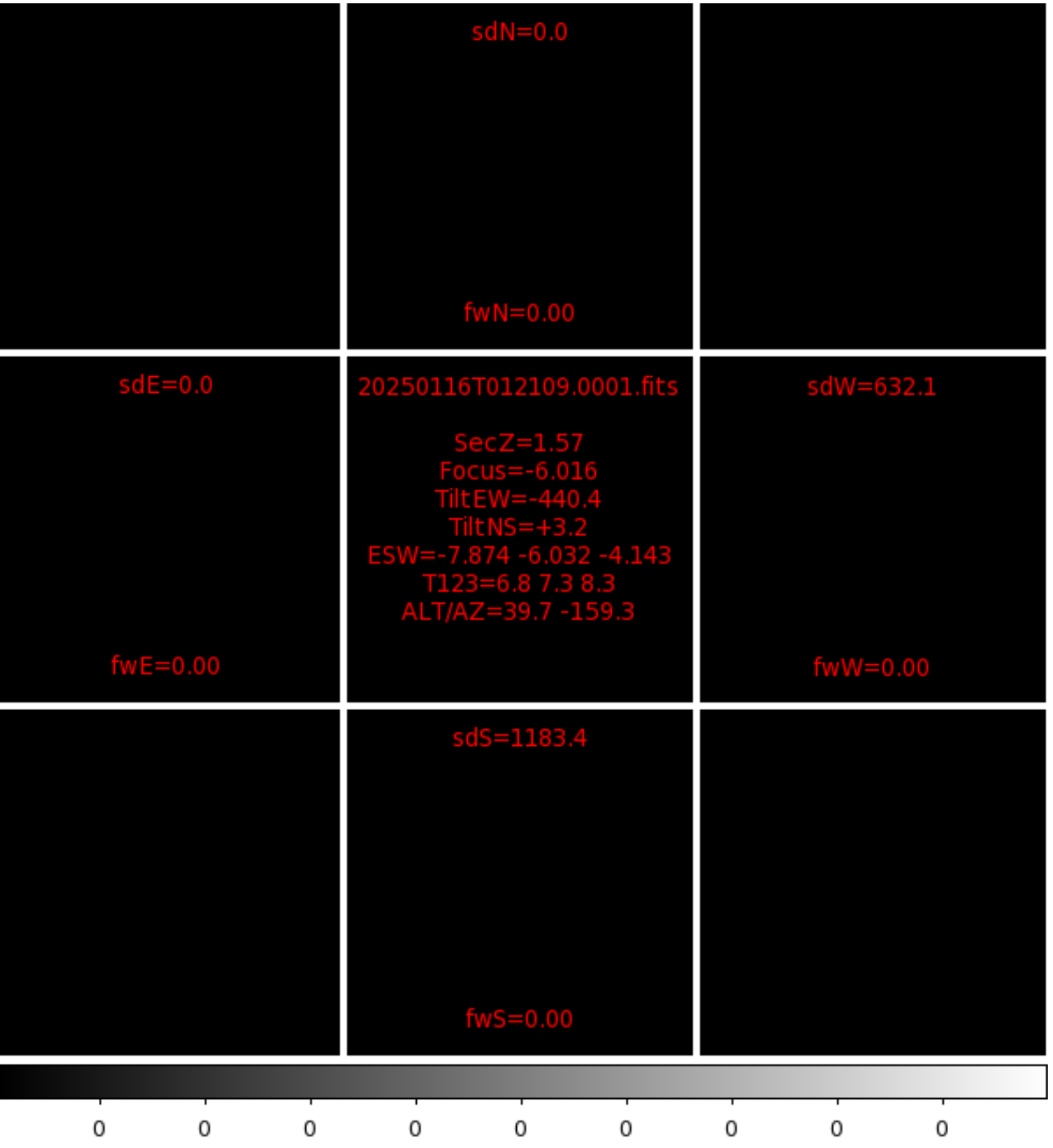
sdN=0.0
fwN=0.00
sdE=0.0
20250116T012109.0001.fits
SecZ=1.57
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.3 8.3
ALT/AZ=39.7 -159.3
sdW=632.1
fwE=0.00
fwW=0.00
sdS=1183.4
fwS=0.00
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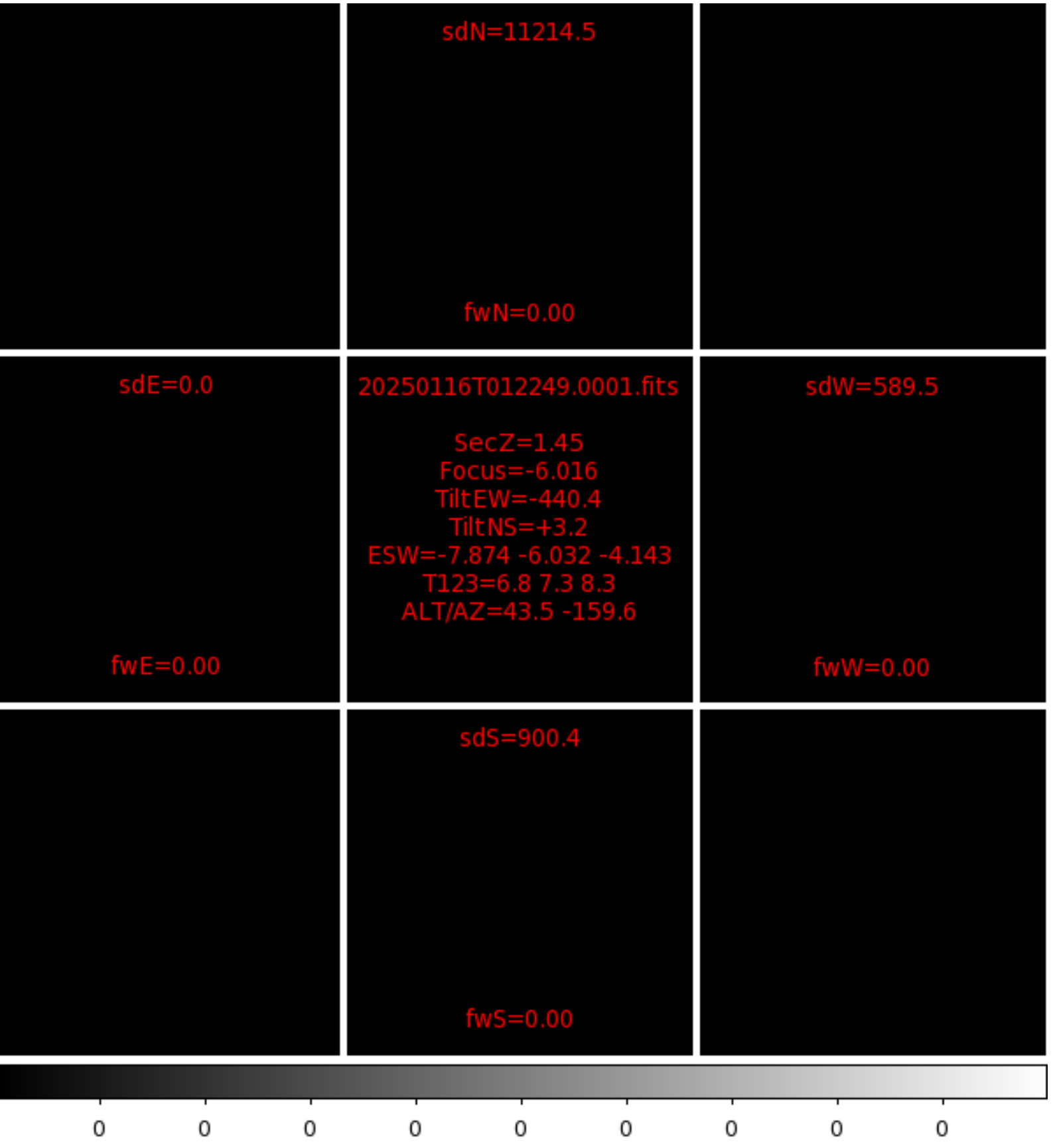
sdN=11214.5
fwN=0.00
sdE=0.0
20250116T012249.0001.fits
SecZ=1.45
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.3 8.3
ALT/AZ=43.5 -159.6
sdW=589.5
fwE=0.00
fwW=0.00
sdS=900.4
fwS=0.00
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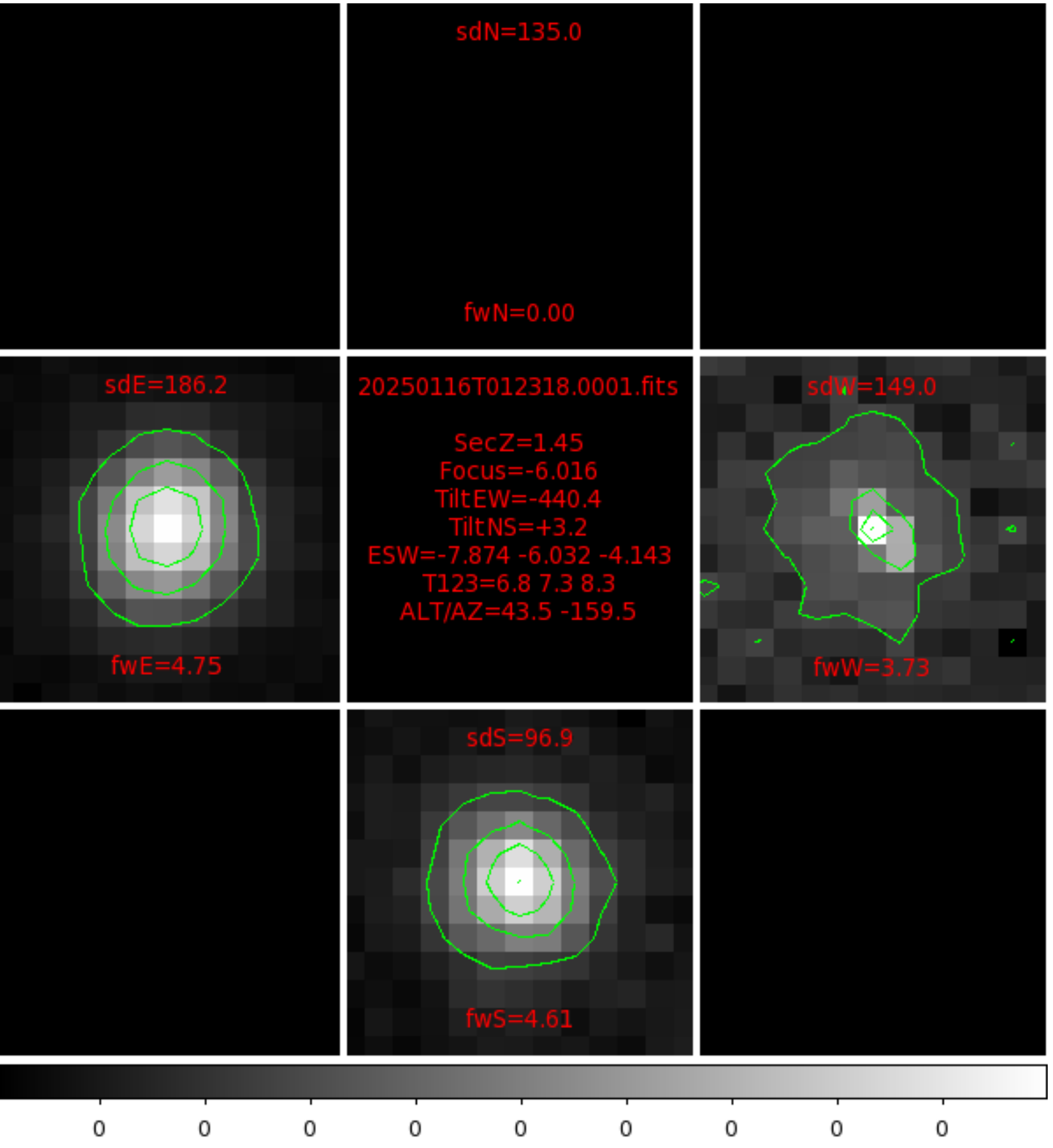
sdN=135.0
fwN=0.00
sdE=186.2
fwE=4.75
20250116T012318.0001.fits
SecZ=1.45
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.3 8.3
ALT/AZ=43.5 -159.5
sdW=149.0
fwW=3.73
sdS=96.9
fwS=4.61
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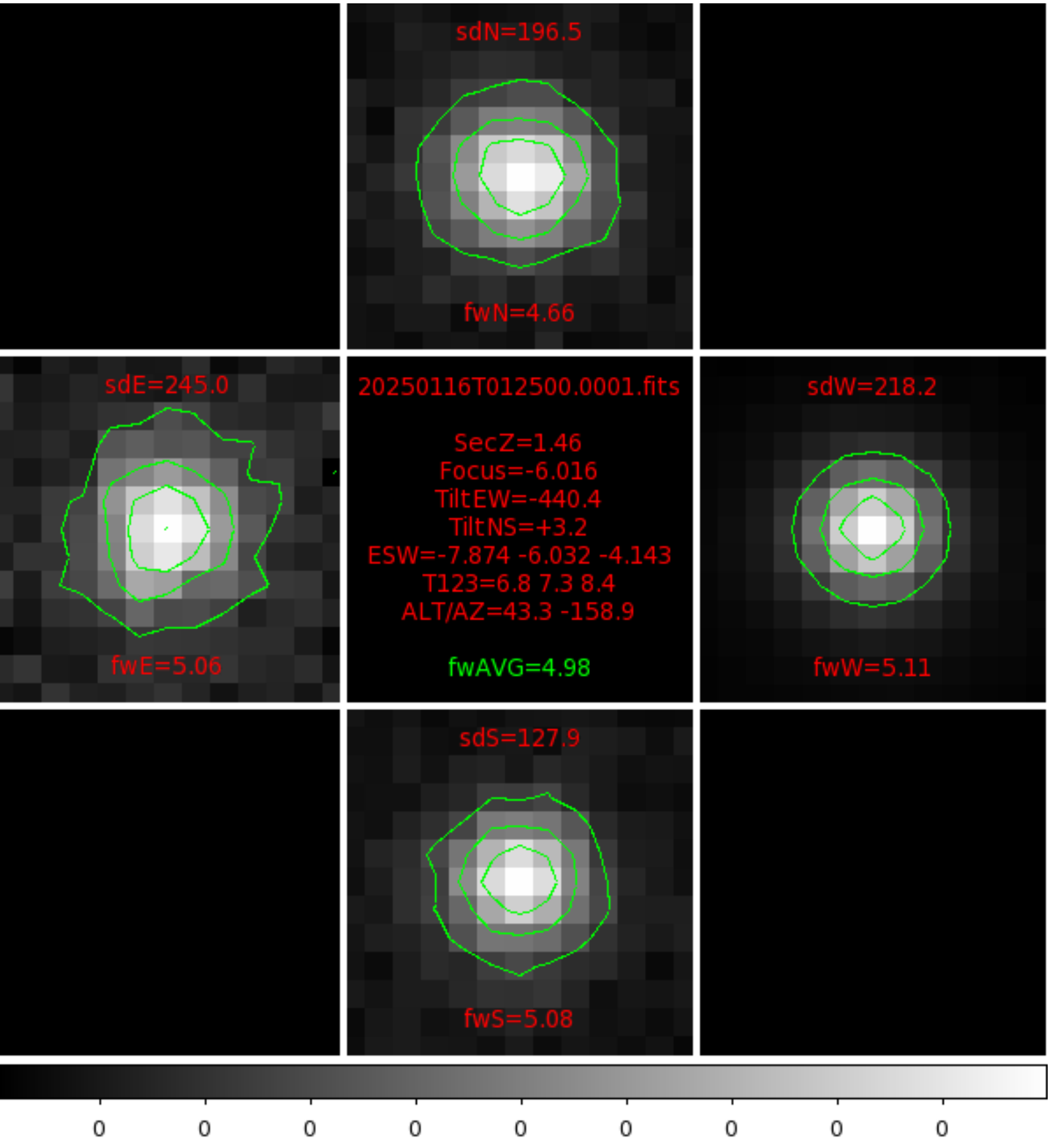
sdN=196.5
fwN=4.66
sdE=245.0
fwE=5.06
20250116T012500.0001.fits
SecZ=1.46
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.3 8.4
ALT/AZ=43.3 -158.9
fwAVG=4.98
sdW=218.2
fwW=5.11
sdS=127.9
fwS=5.08
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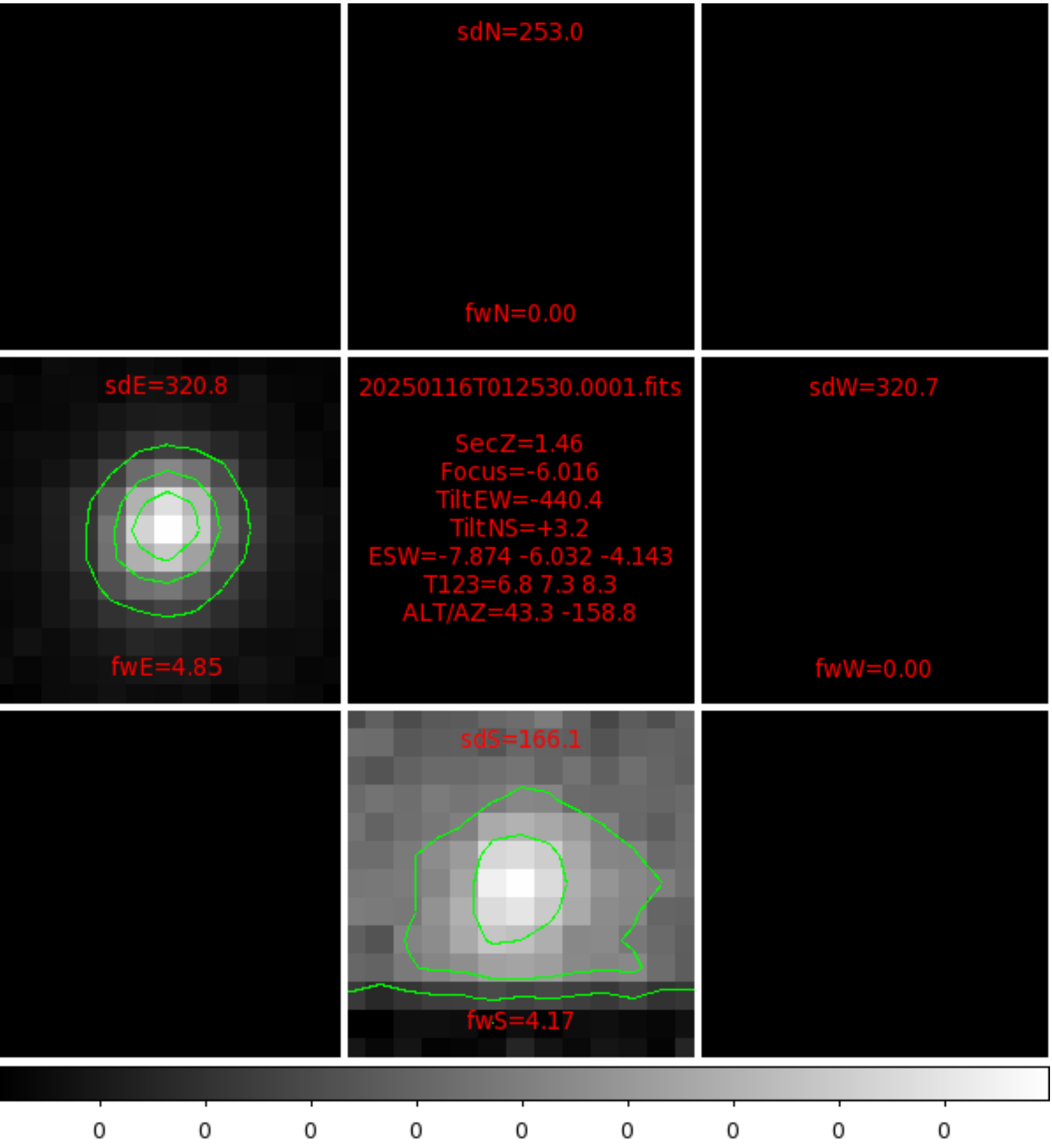
sdN=253.0
fwN=0.00
sdE=320.8
fwE=4.85
20250116T012530.0001.fits
SecZ=1.46
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.3 8.3
ALT/AZ=43.3 -158.8
sdW=320.7
fwW=0.00
sdS=166.1
fwS=4.17
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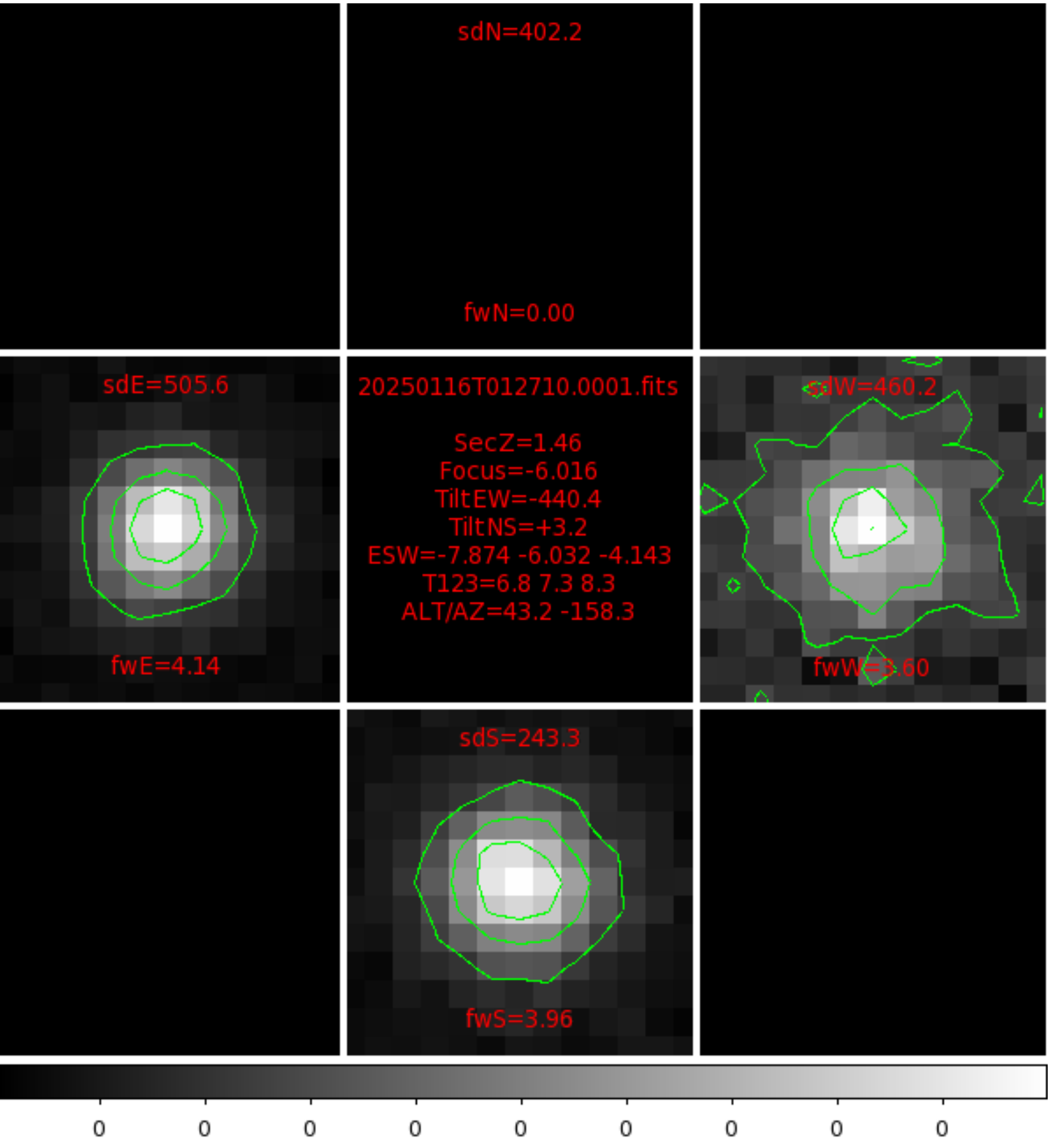
sdN=402.2
fwN=0.00
sdE=505.6
fwE=4.14
20250116T012710.0001.fits
SecZ=1.46
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.3 8.3
ALT/AZ=43.2 -158.3
sdW=460.2
fwW=3.60
sdS=243.3
fwS=3.96
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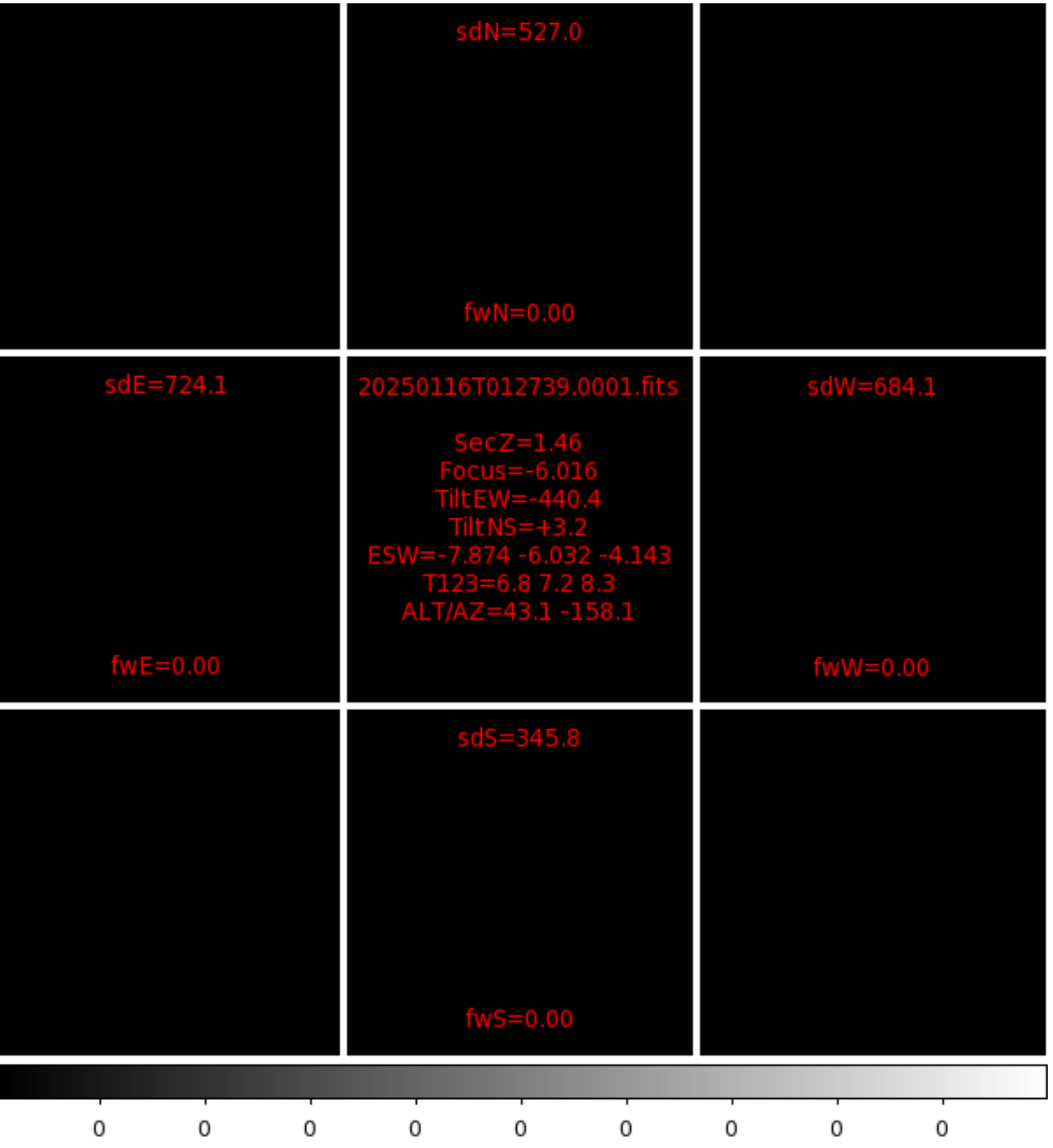
sdN=527.0
fwN=0.00
sdE=724.1
fwE=0.00
20250116T012739.0001.fits
SecZ=1.46
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.2 8.3
ALT/AZ=43.1 -158.1
sdW=684.1
fwW=0.00
sdS=345.8
fwS=0.00
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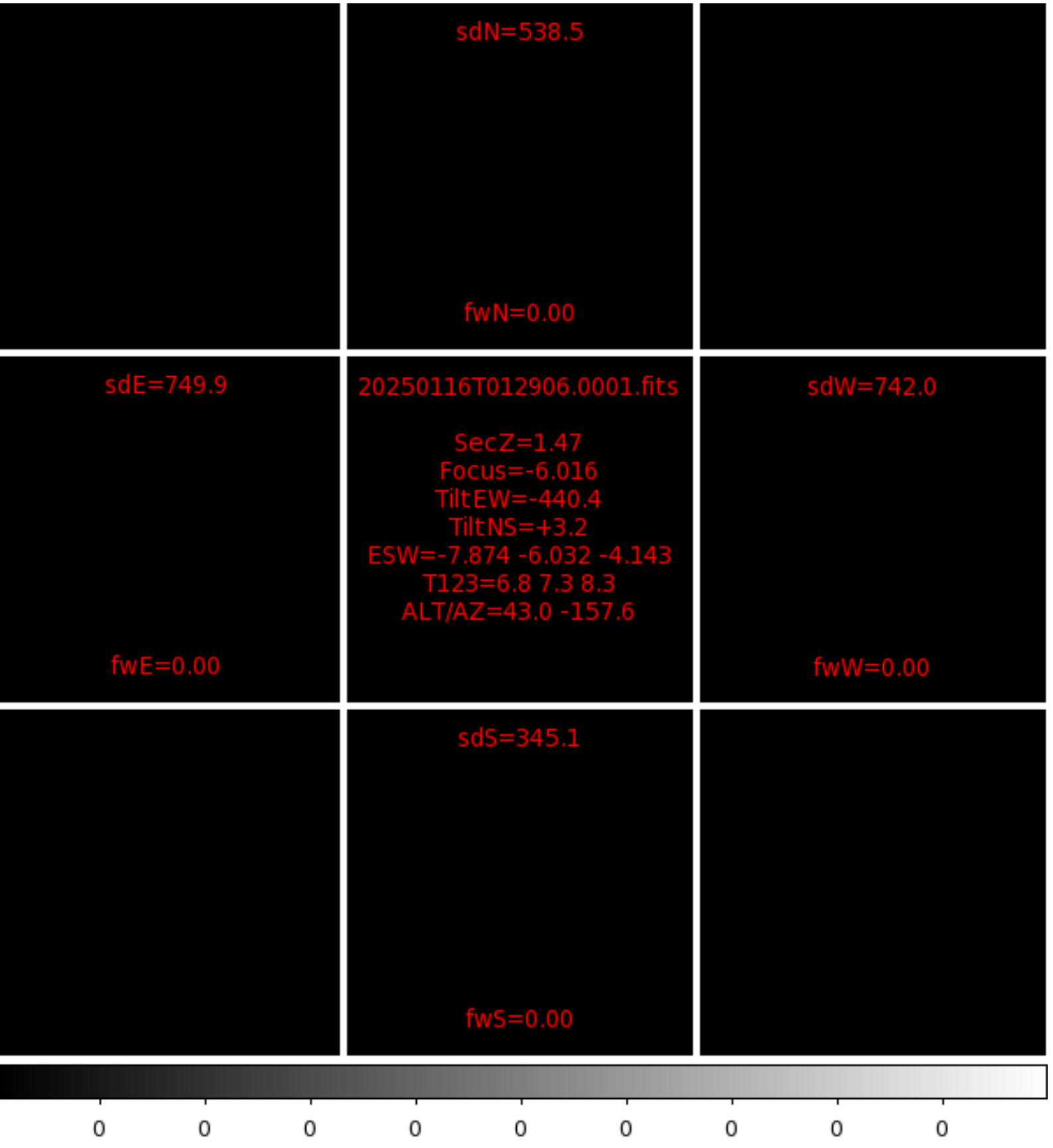
sdN=538.5
fwN=0.00
sdE=749.9
20250116T012906.0001.fits
SecZ=1.47
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.3 8.3
ALT/AZ=43.0 -157.6
sdW=742.0
fwE=0.00
fwW=0.00
sdS=345.1
fwS=0.00
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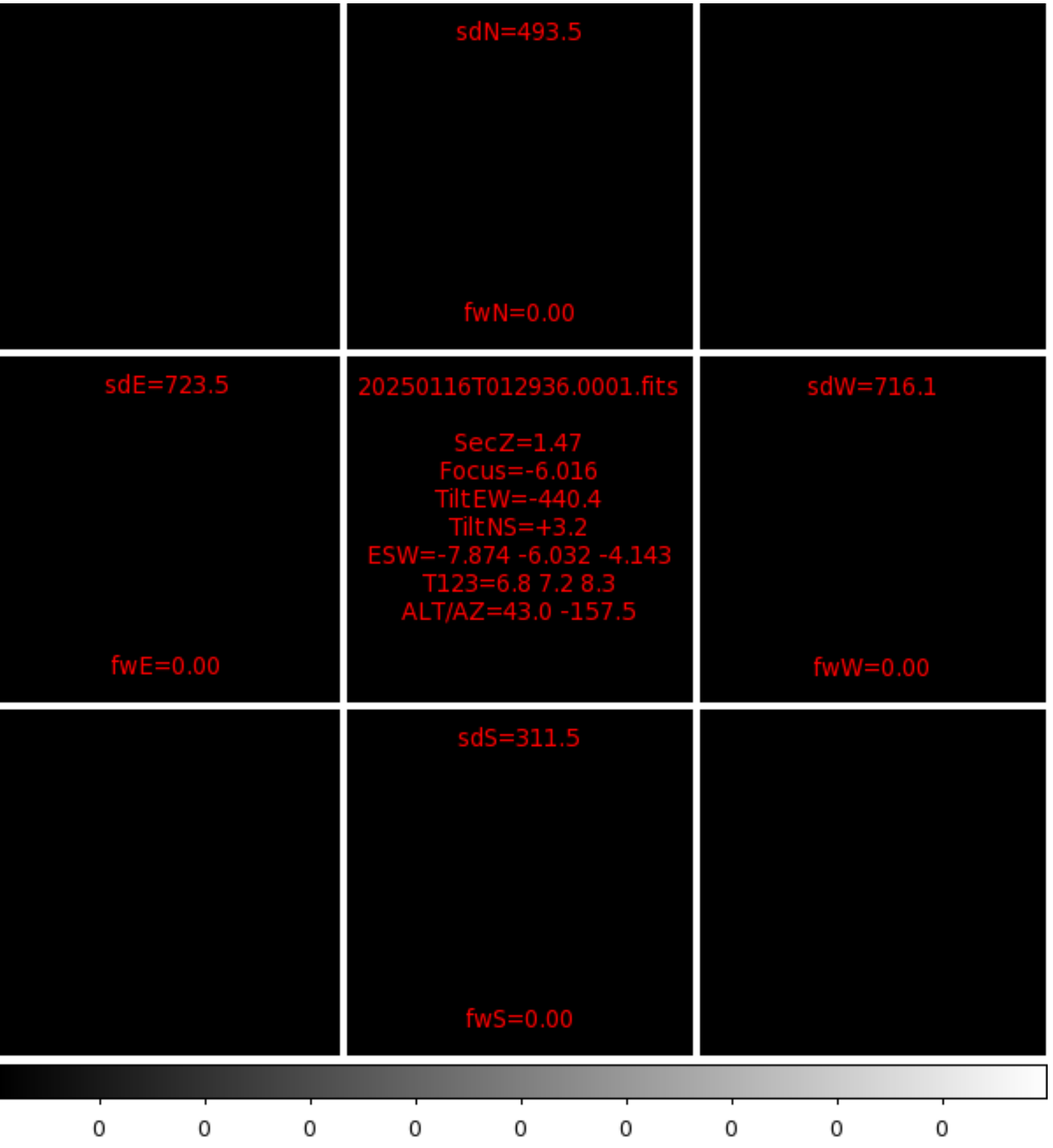
sdN=493.5
fwN=0.00
sdE=723.5
fwE=0.00
20250116T012936.0001.fits
SecZ=1.47
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.2 8.3
ALT/AZ=43.0 -157.5
sdW=716.1
fwW=0.00
sdS=311.5
fwS=0.00
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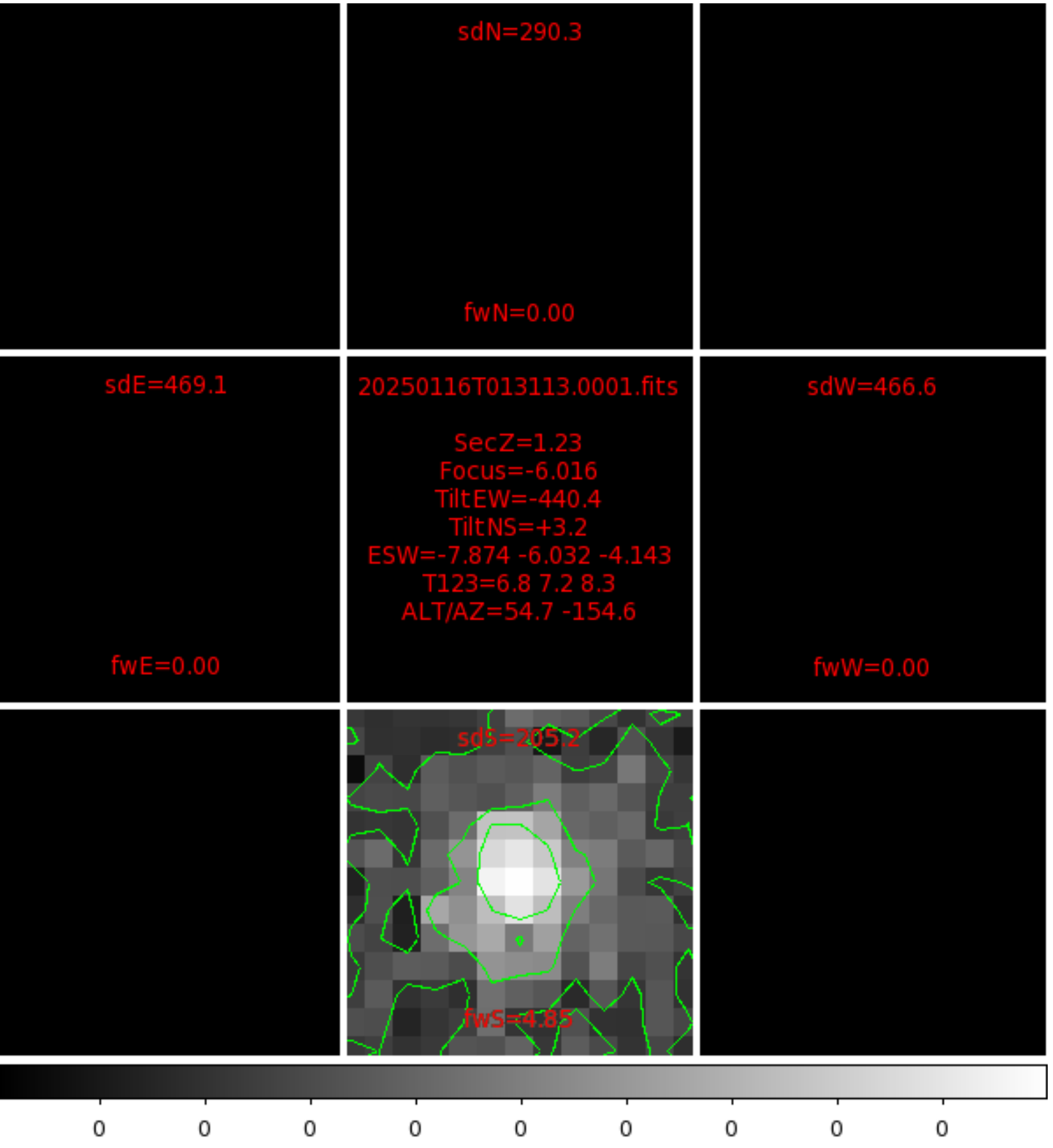
sdN=290.3
fwN=0.00
sdE=469.1
20250116T013113.0001.fits
SecZ=1.23
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.2 8.3
ALT/AZ=54.7 -154.6
sdW=466.6
fwE=0.00
fwW=0.00
sdS=205.2
fwS=4.85
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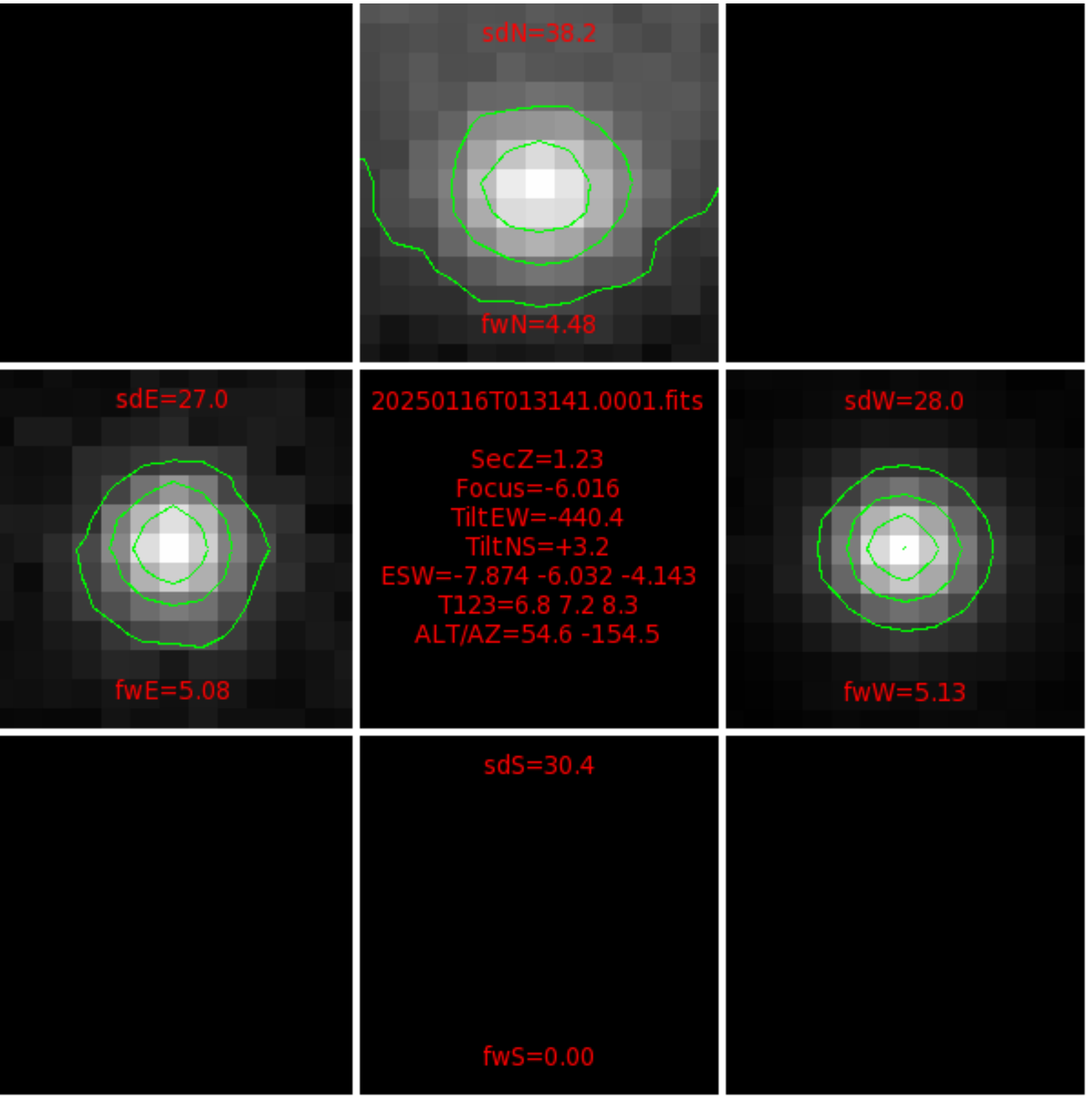
sdN=38.2
fwN=4.48
sdE=27.0
fwE=5.08
20250116T013141.0001.fits
SecZ=1.23
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.2 8.3
ALT/AZ=54.6 -154.5
sdW=28.0
fwW=5.13
sdS=30.4
fwS=0.00
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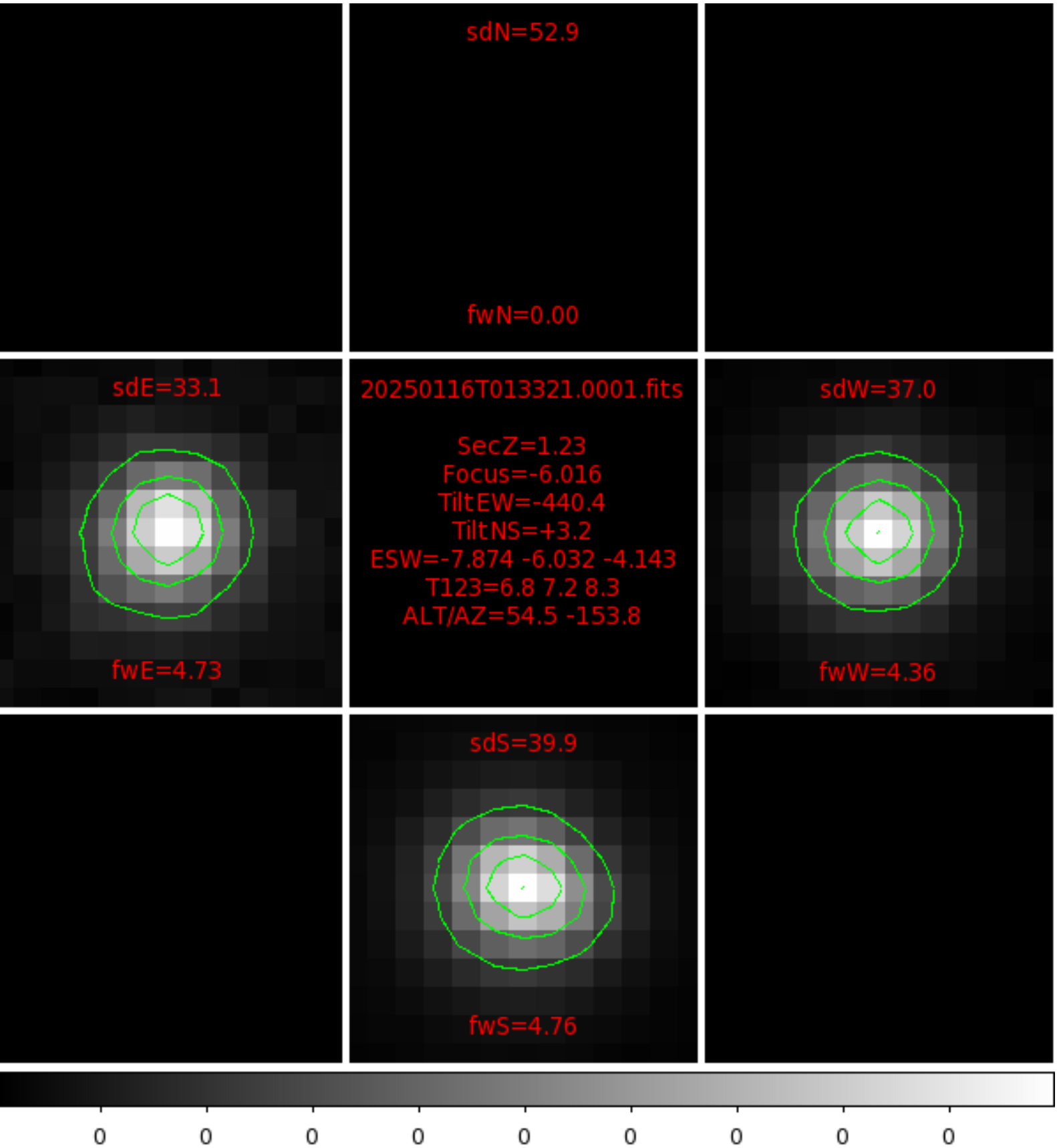
sdN=52.9
fwN=0.00
sdE=33.1
fwE=4.73
20250116T013321.0001.fits
SecZ=1.23
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.2 8.3
ALT/AZ=54.5 -153.8
sdW=37.0
fwW=4.36
sdS=39.9
fwS=4.76
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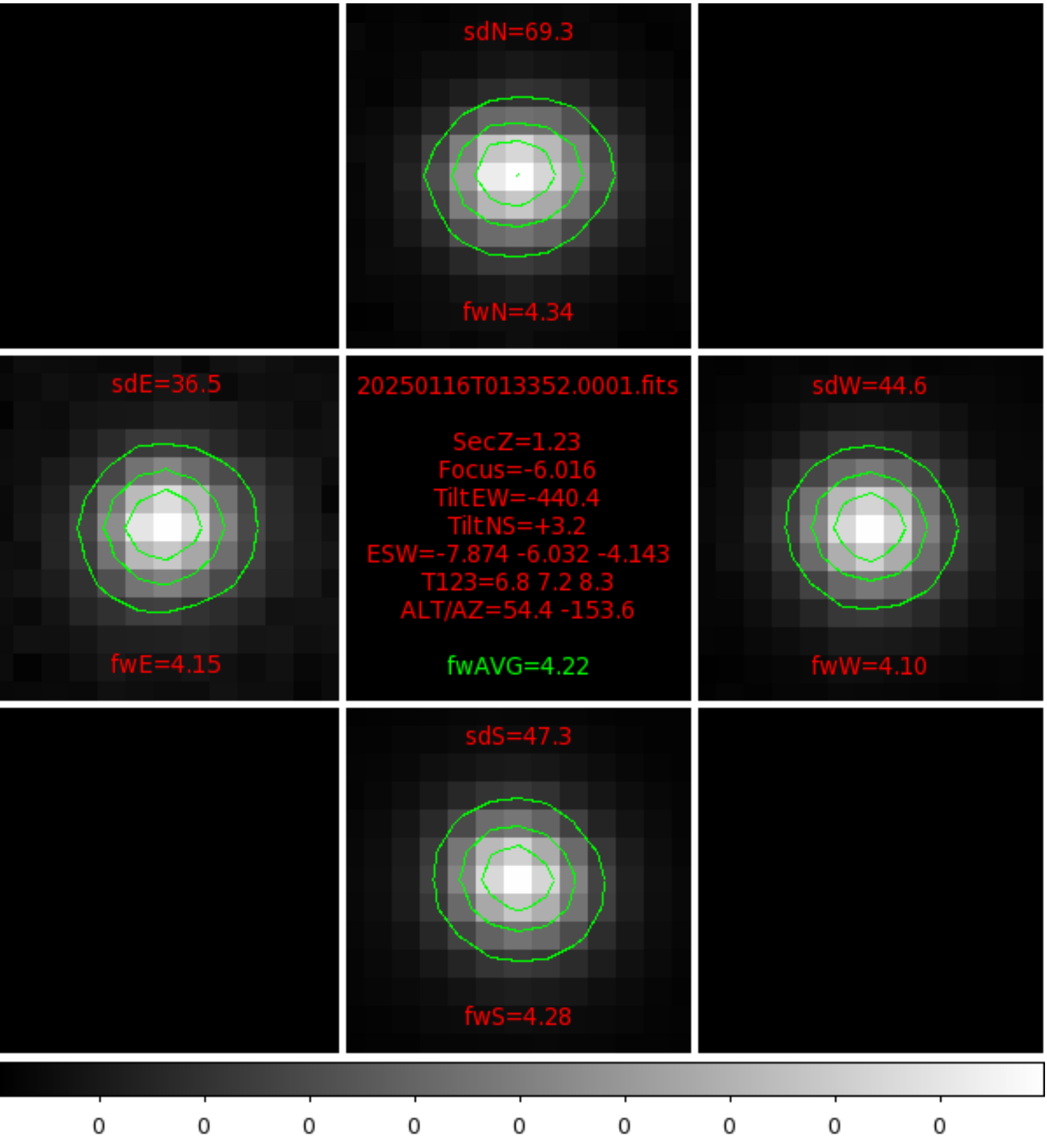
sdN=69.3
fwN=4.34
sdE=36.5
fwE=4.15
20250116T013352.0001.fits
SecZ=1.23
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.2 8.3
ALT/AZ=54.4 -153.6
fwAVG=4.22
sdW=44.6
fwW=4.10
sdS=47.3
fwS=4.28
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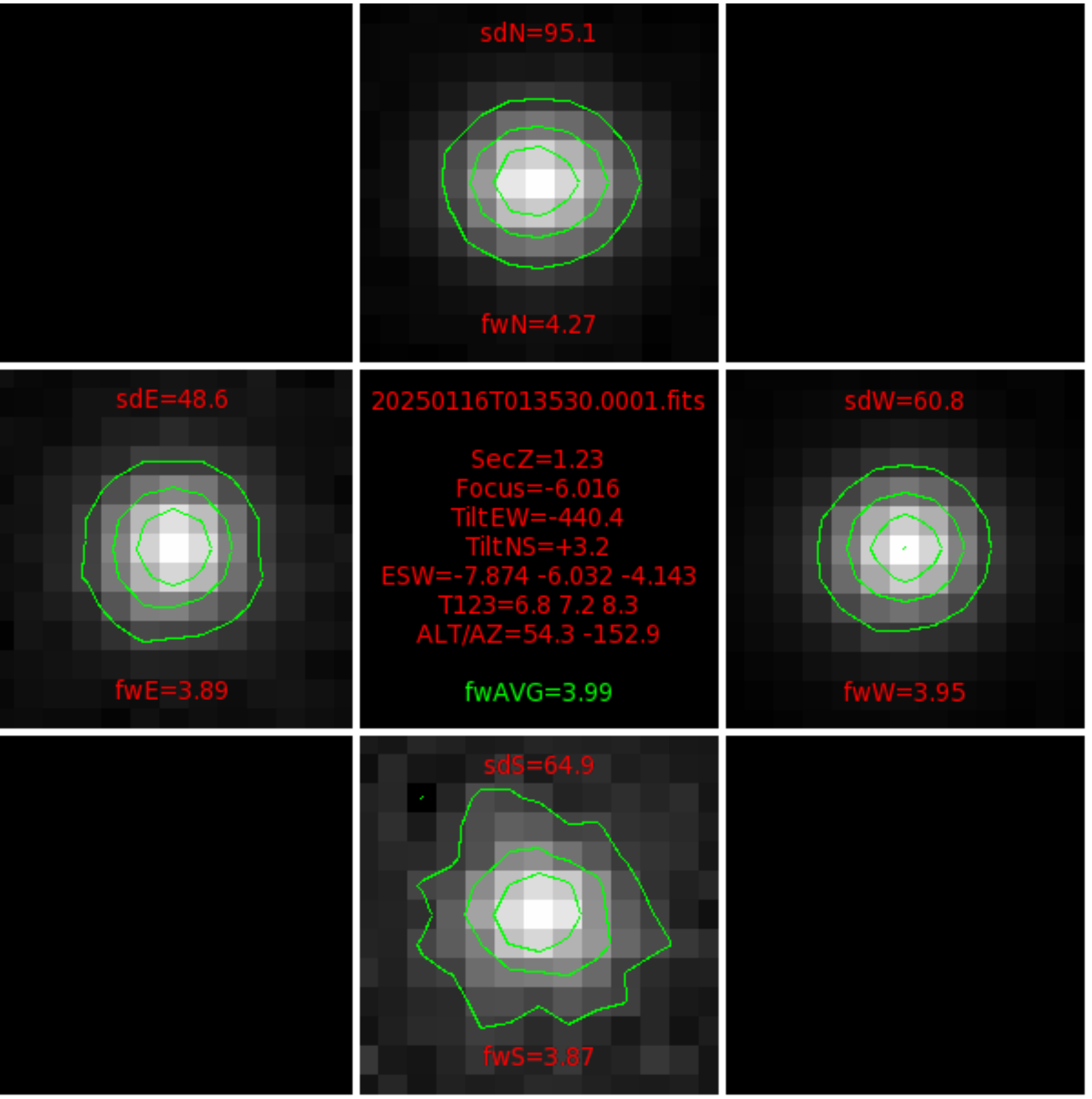
sdN=95.1
fwN=4.27
sdE=48.6
fwE=3.89
20250116T013530.0001.fits
SecZ=1.23
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.2 8.3
ALT/AZ=54.3 -152.9
fwAVG=3.99
sdW=60.8
fwW=3.95
sdS=64.9
fwS=3.87
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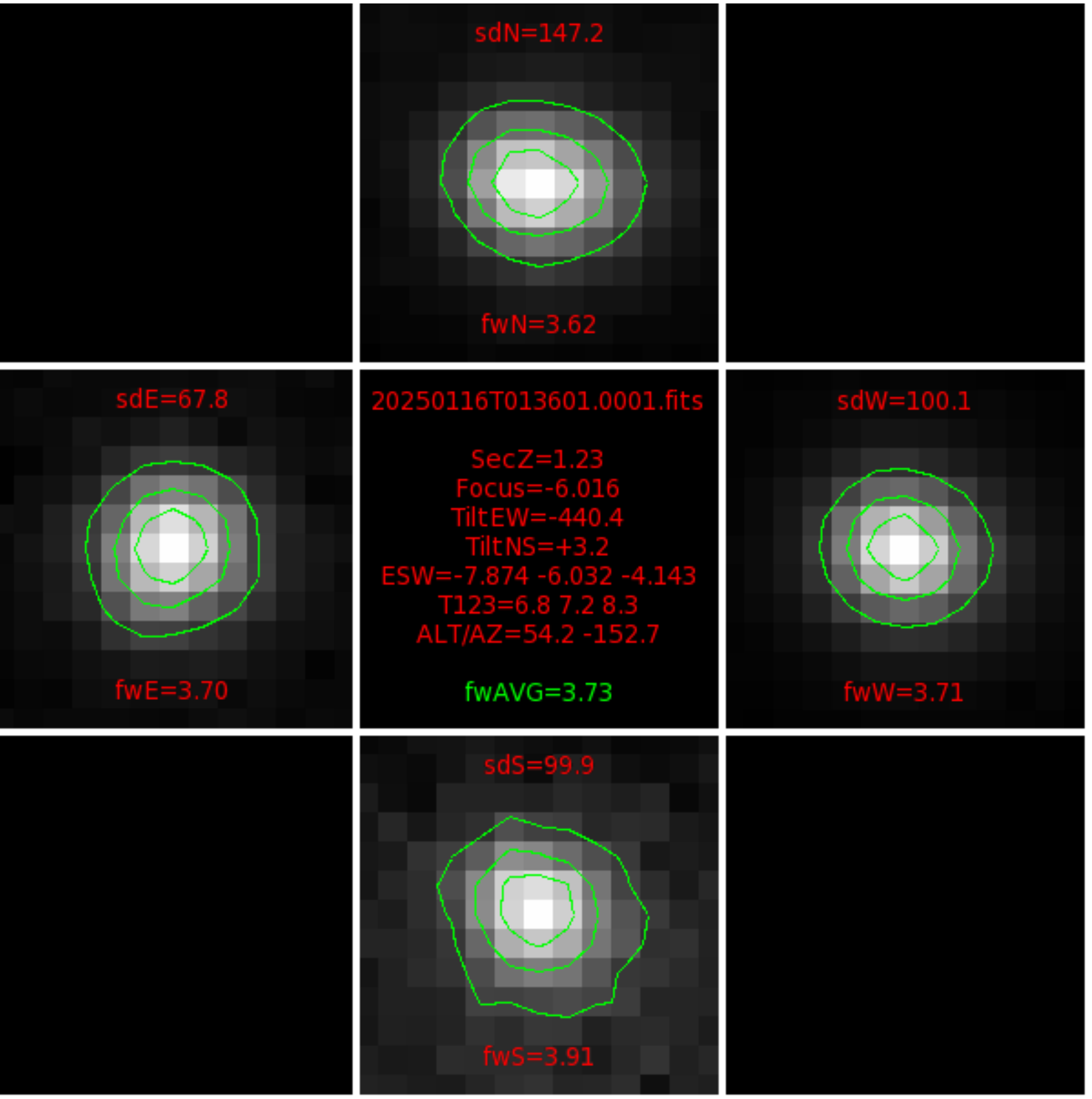
sdN=147.2
fwN=3.62
sdE=67.8
fwE=3.70
20250116T013601.0001.fits
SecZ=1.23
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.2 8.3
ALT/AZ=54.2 -152.7
fwAVG=3.73
sdW=100.1
fwW=3.71
sdS=99.9
fwS=3.91
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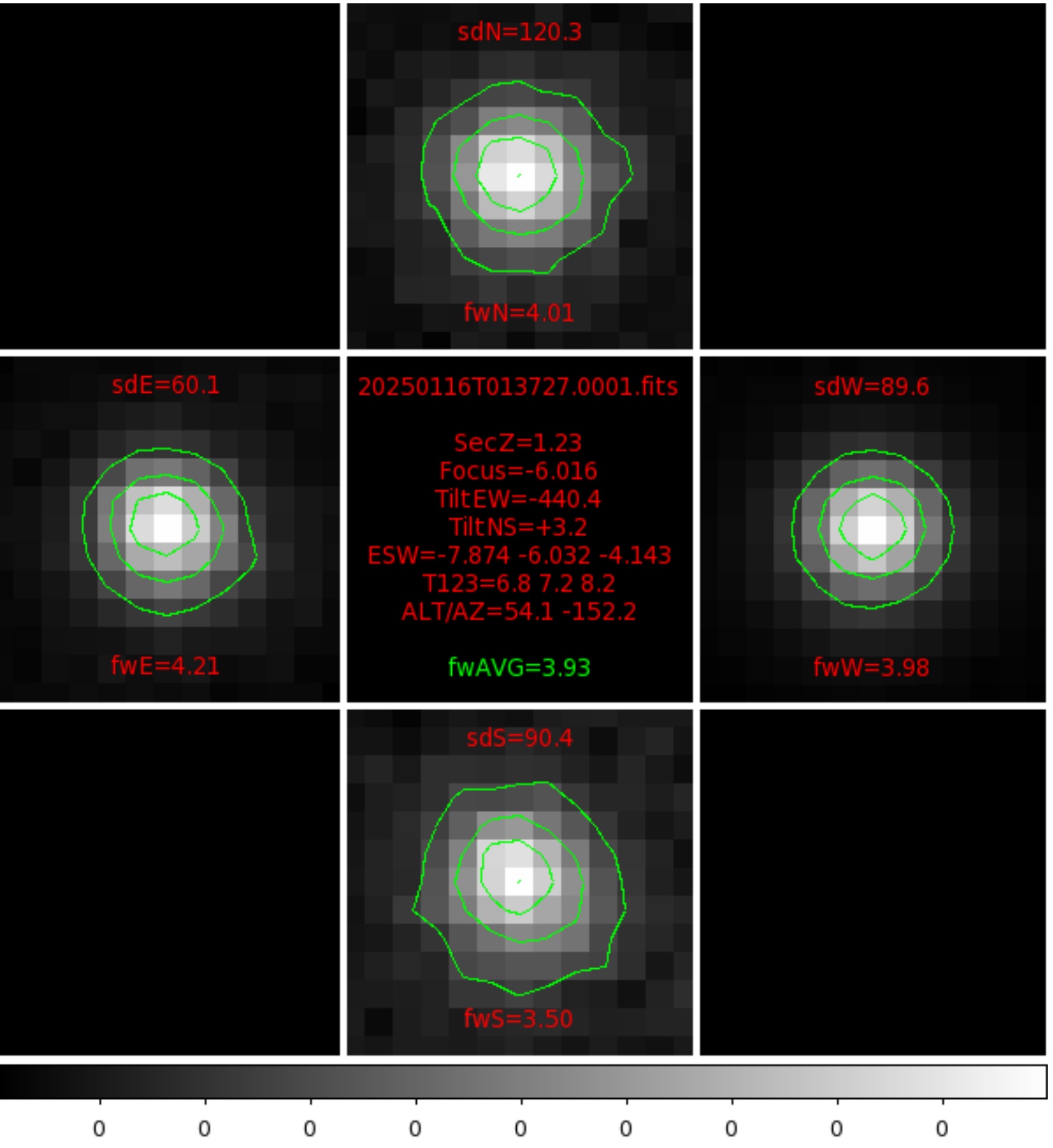
sdN=120.3
fwN=4.01
sdE=60.1
fwE=4.21
20250116T013727.0001.fits
SecZ=1.23
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.2 8.2
ALT/AZ=54.1 -152.2
fwAVG=3.93
sdW=89.6
fwW=3.98
sdS=90.4
fwS=3.50
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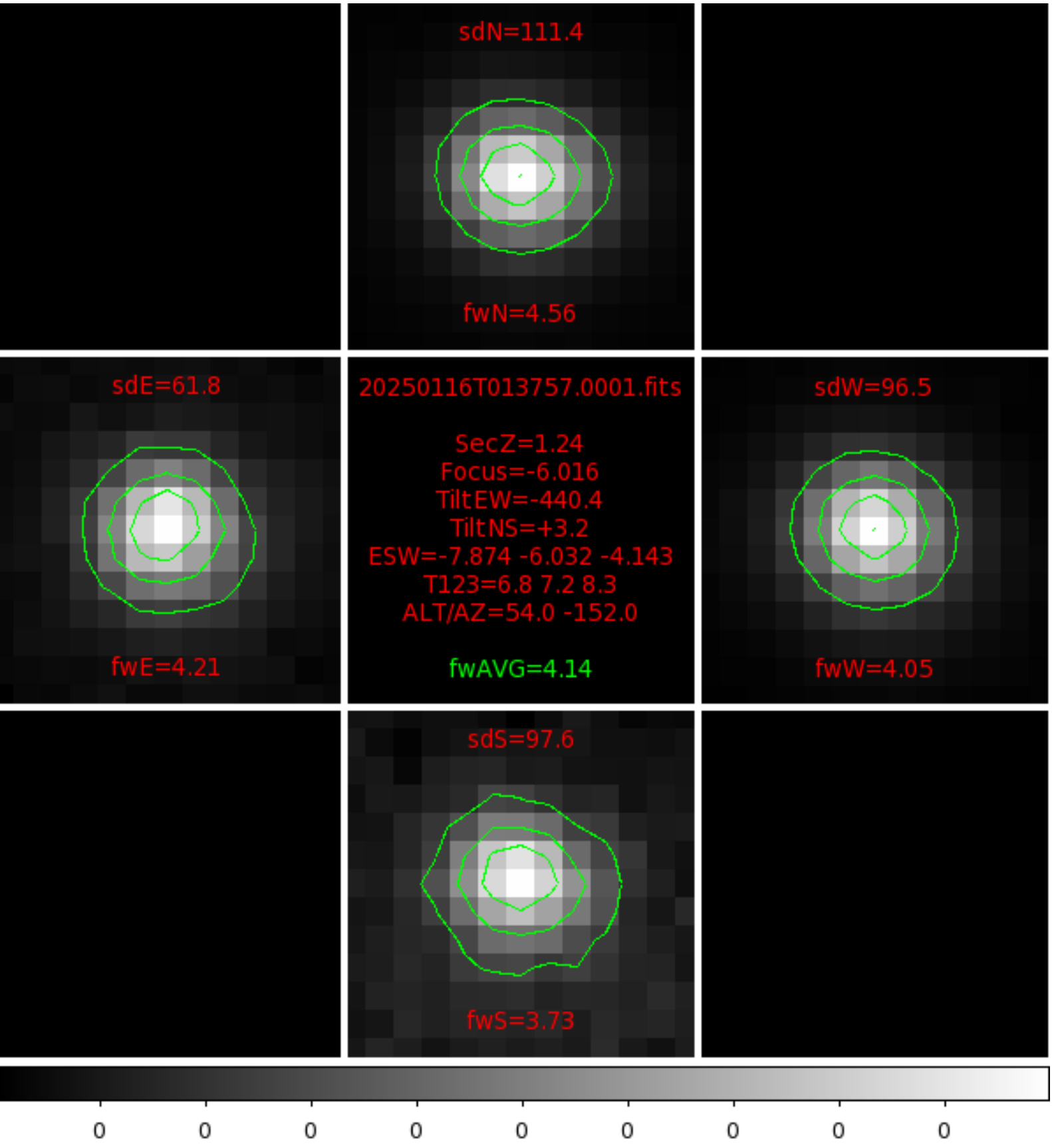
sdN=111.4
fwN=4.56
sdE=61.8
fwE=4.21
20250116T013757.0001.fits
SecZ=1.24
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.2 8.3
ALT/AZ=54.0 -152.0
fwAVG=4.14
sdW=96.5
fwW=4.05
sdS=97.6
fwS=3.73
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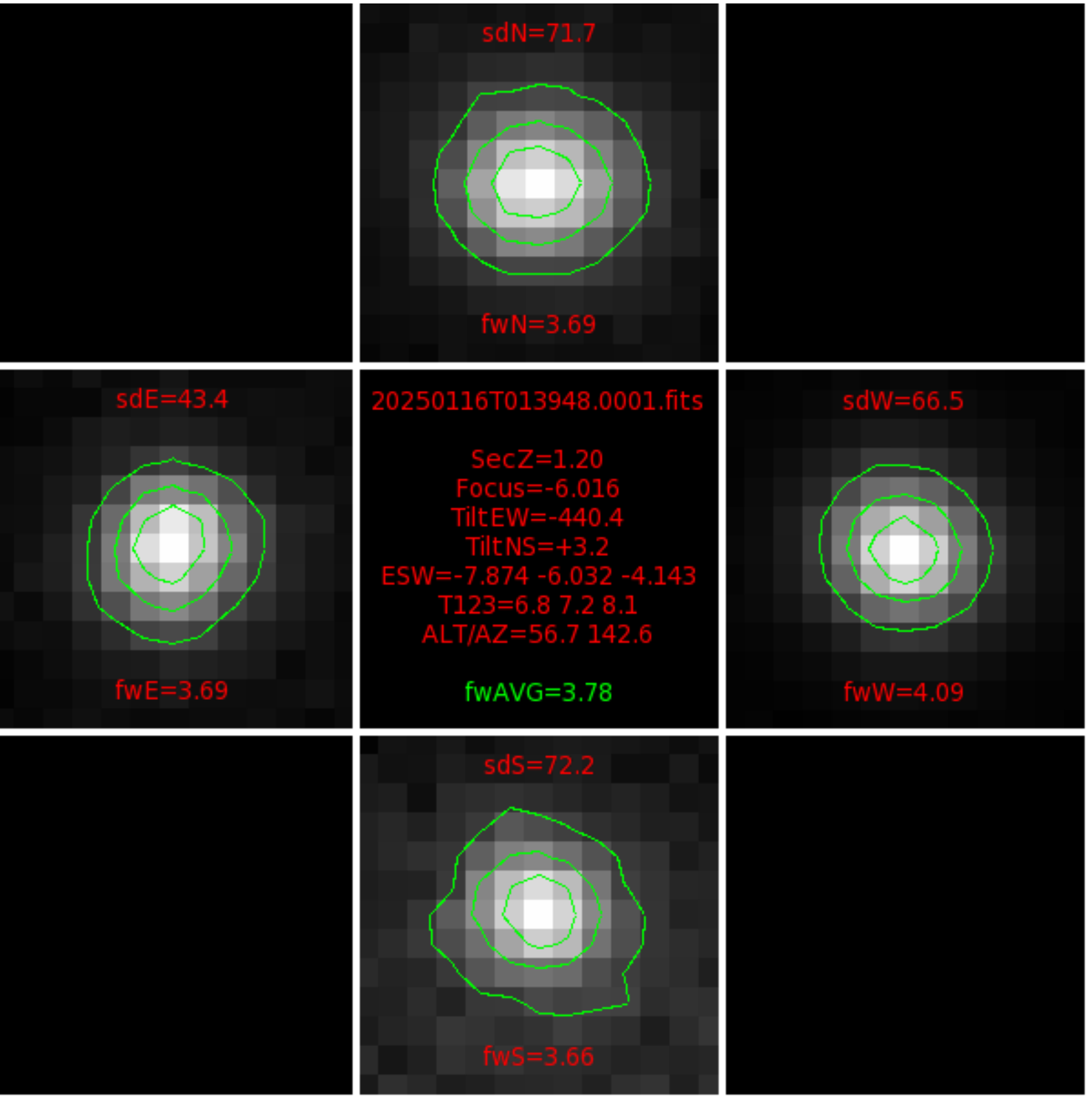
sdN=71.7
fwN=3.69
sdE=43.4
fwE=3.69
20250116T013948.0001.fits
SecZ=1.20
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.2 8.1
ALT/AZ=56.7 142.6
fwAVG=3.78
sdW=66.5
fwW=4.09
sdS=72.2
fwS=3.66
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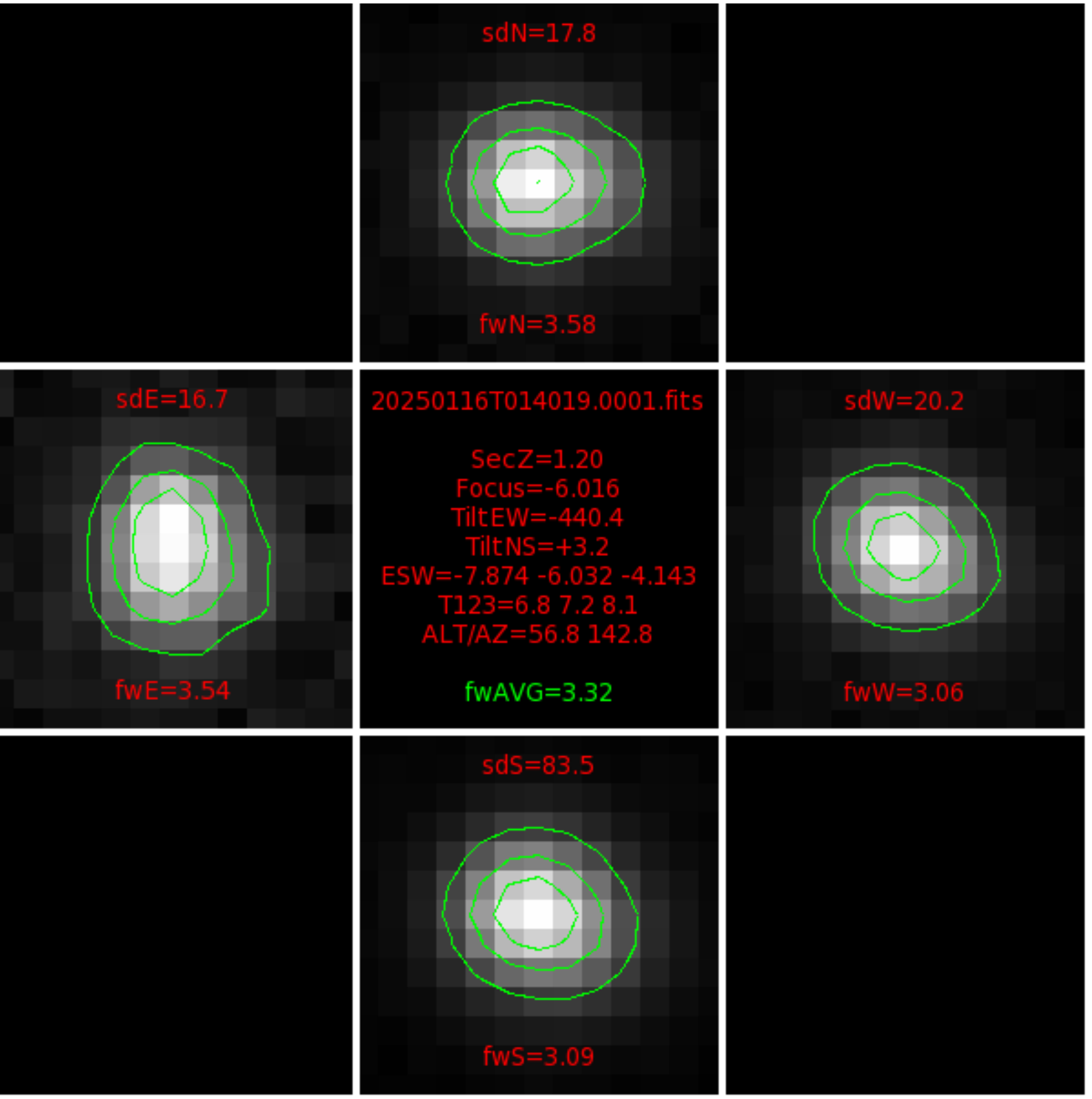
sdN=17.8
fwN=3.58
sdE=16.7
fwE=3.54
20250116T014019.0001.fits
SecZ=1.20
Focus=-6.016
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.874 -6.032 -4.143
T123=6.8 7.2 8.1
ALT/AZ=56.8 142.8
fwAVG=3.32
sdW=20.2
fwW=3.06
sdS=83.5
fwS=3.09
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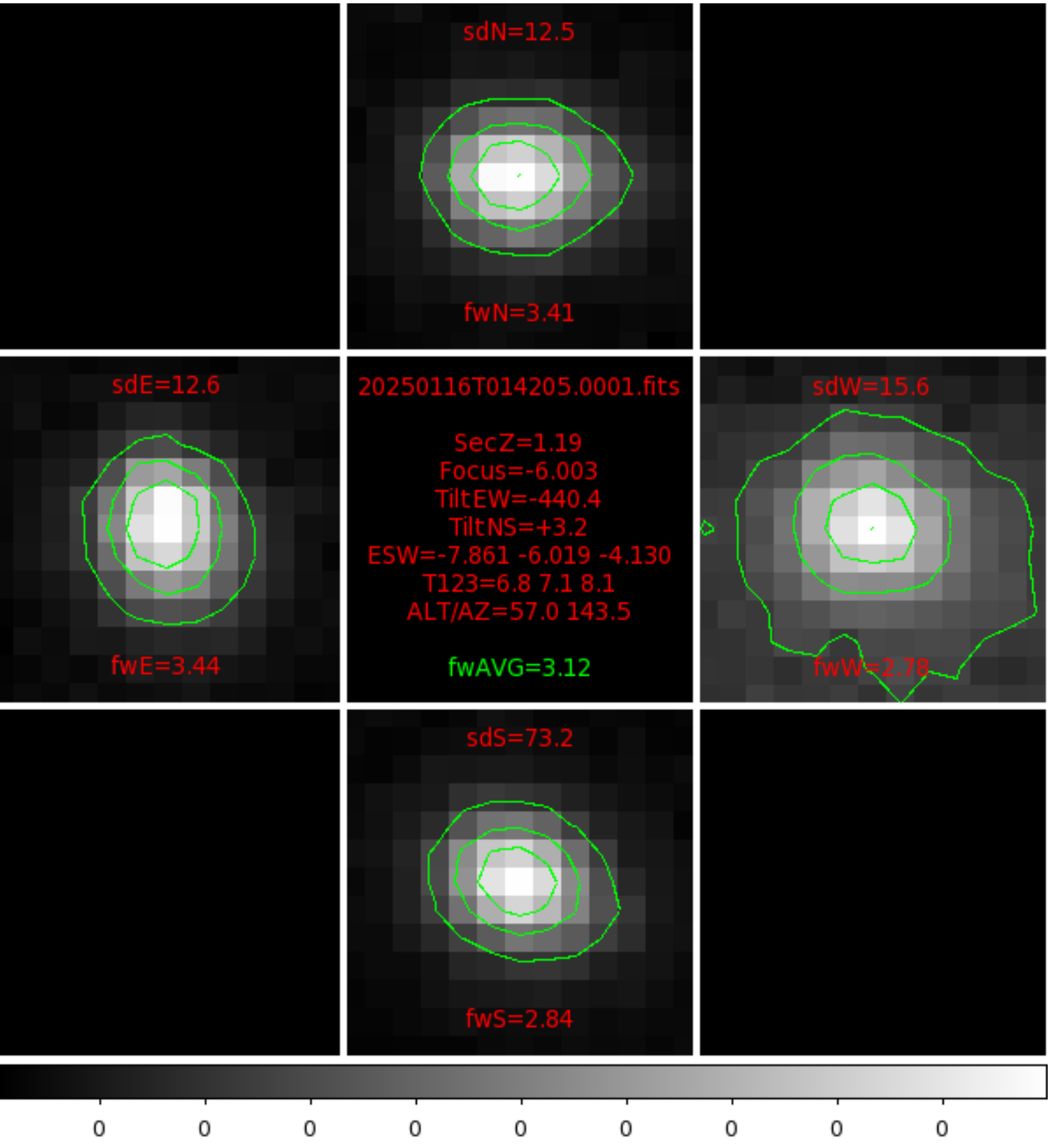
sdN=12.5
fwN=3.41
sdE=12.6
fwE=3.44
20250116T014205.0001.fits
SecZ=1.19
Focus=-6.003
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.861 -6.019 -4.130
T123=6.8 7.1 8.1
ALT/AZ=57.0 143.5
fwAVG=3.12
sdW=15.6
fwW=2.78
sdS=73.2
fwS=2.84
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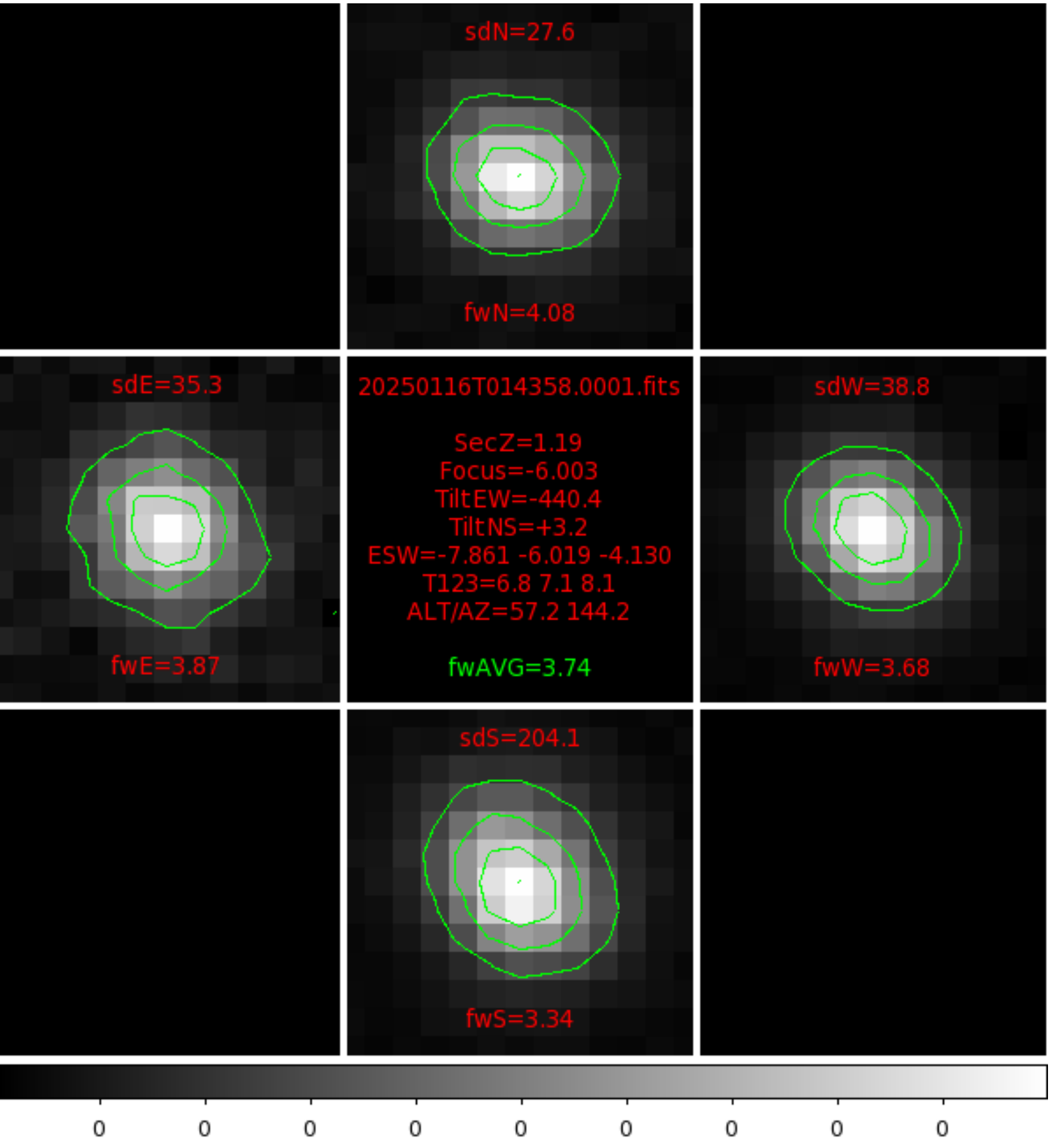
sdN=27.6
fwN=4.08
sdE=35.3
fwE=3.87
20250116T014358.0001.fits
SecZ=1.19
Focus=-6.003
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.861 -6.019 -4.130
T123=6.8 7.1 8.1
ALT/AZ=57.2 144.2
fwAVG=3.74
sdW=38.8
fwW=3.68
sdS=204.1
fwS=3.34
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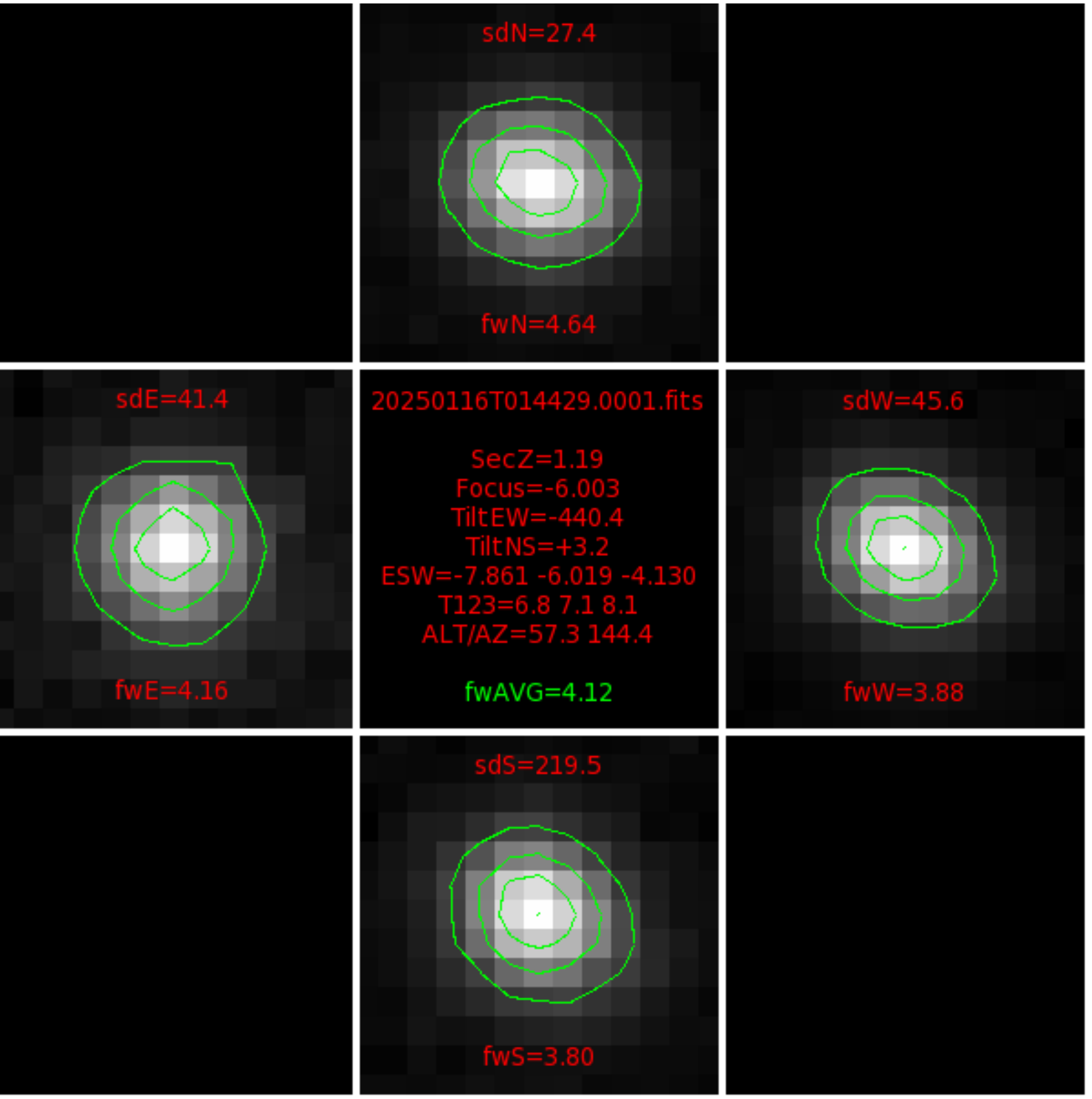
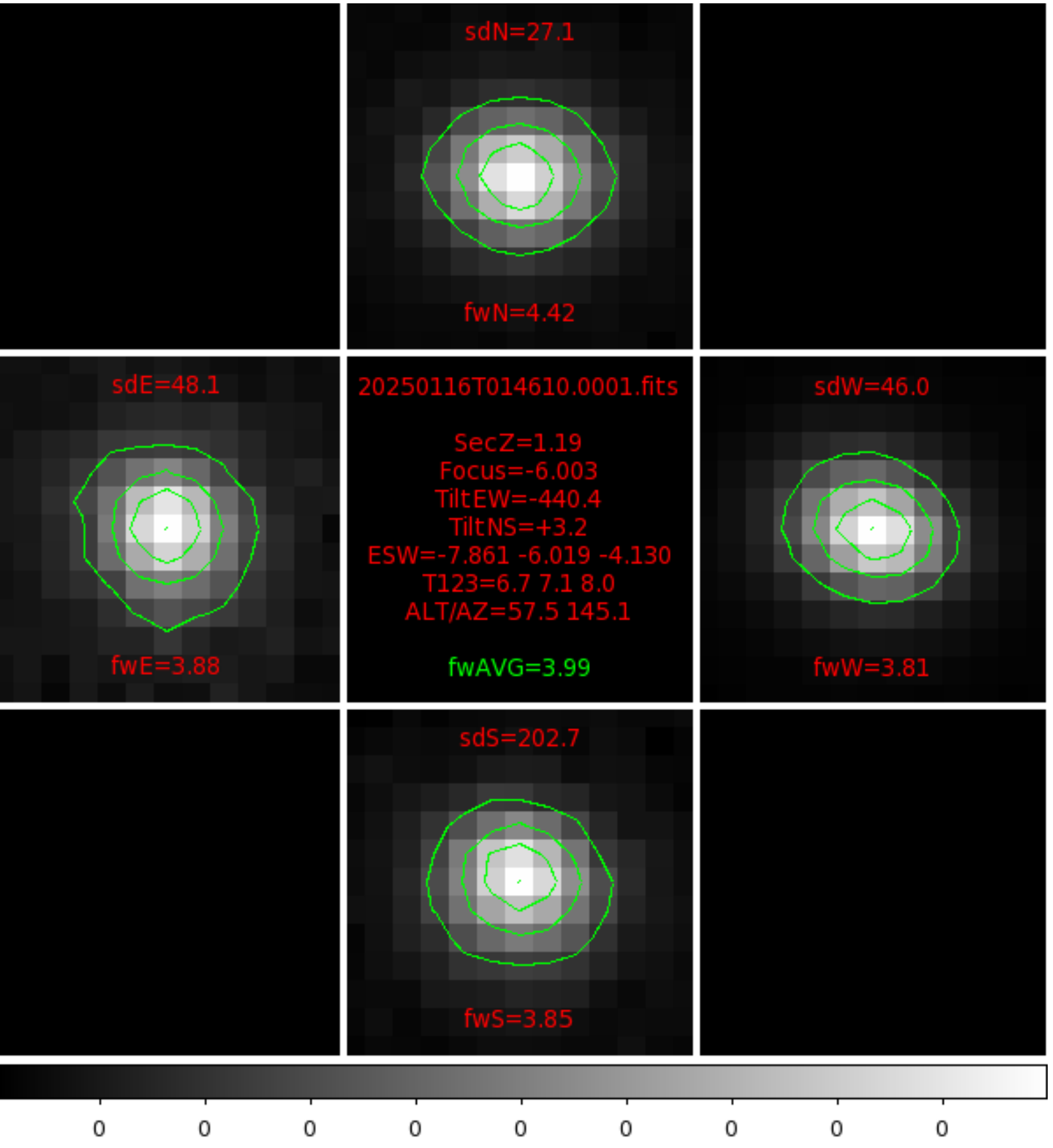

sdN=27.4
fwN=4.64
sdE=41.4
fwE=4.16
20250116T014429.0001.fits
SecZ=1.19
Focus=-6.003
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.861 -6.019 -4.130
T123=6.8 7.1 8.1
ALT/AZ=57.3 144.4
fwAVG=4.12
sdW=45.6
fwW=3.88
sdS=219.5
fwS=3.80
0 0 0 0 0 0 0 0 0


sdN=27.1
fwN=4.42
sdE=48.1
fwE=3.88
20250116T014610.0001.fits
SecZ=1.19
Focus=-6.003
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.861 -6.019 -4.130
T123=6.7 7.1 8.0
ALT/AZ=57.5 145.1
fwAVG=3.99
sdW=46.0
fwW=3.81
sdS=202.7
fwS=3.85
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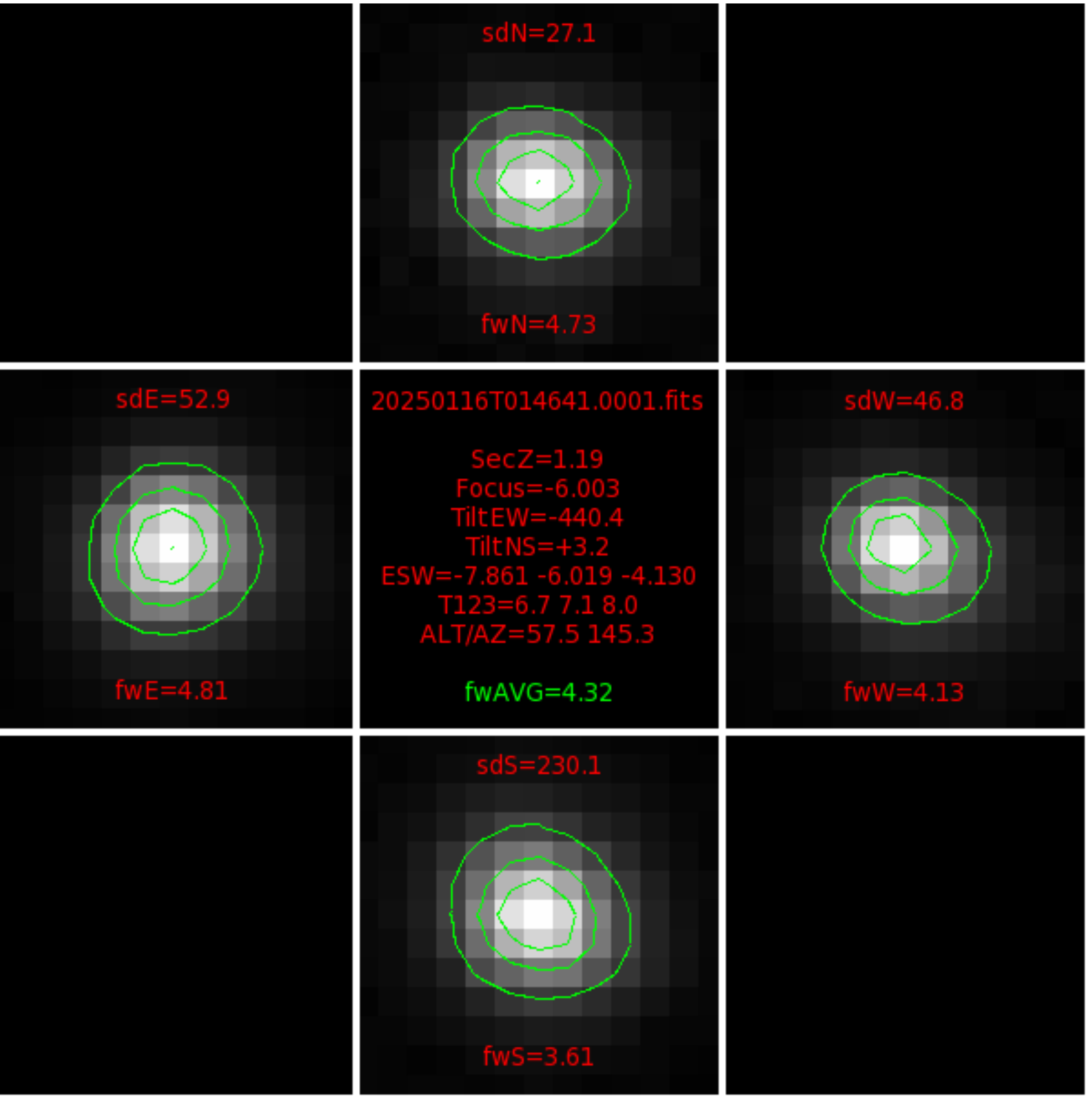
sdN=27.1
fwN=4.73
sdE=52.9
fwE=4.81
20250116T014641.0001.fits
SecZ=1.19
Focus=-6.003
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.861 -6.019 -4.130
T123=6.7 7.1 8.0
ALT/AZ=57.5 145.3
fwAVG=4.32
sdW=46.8
fwW=4.13
sdS=230.1
fwS=3.61
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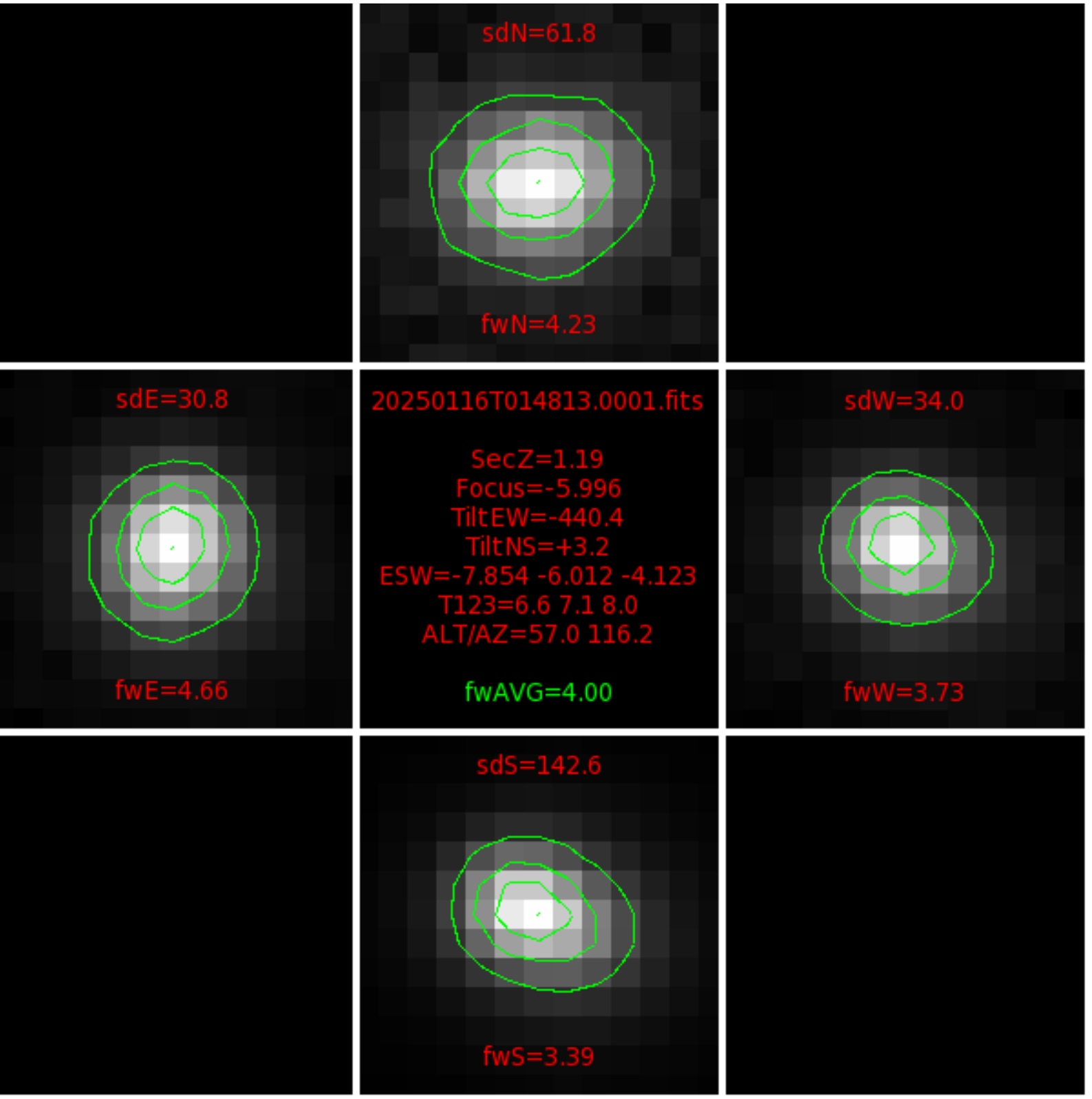
sdN=61.8
fwN=4.23
sdE=30.8
fwE=4.66
20250116T014813.0001.fits
SecZ=1.19
Focus=-5.996
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.854 -6.012 -4.123
T123=6.6 7.1 8.0
ALT/AZ=57.0 116.2
fwAVG=4.00
sdW=34.0
fwW=3.73
sdS=142.6
fwS=3.39
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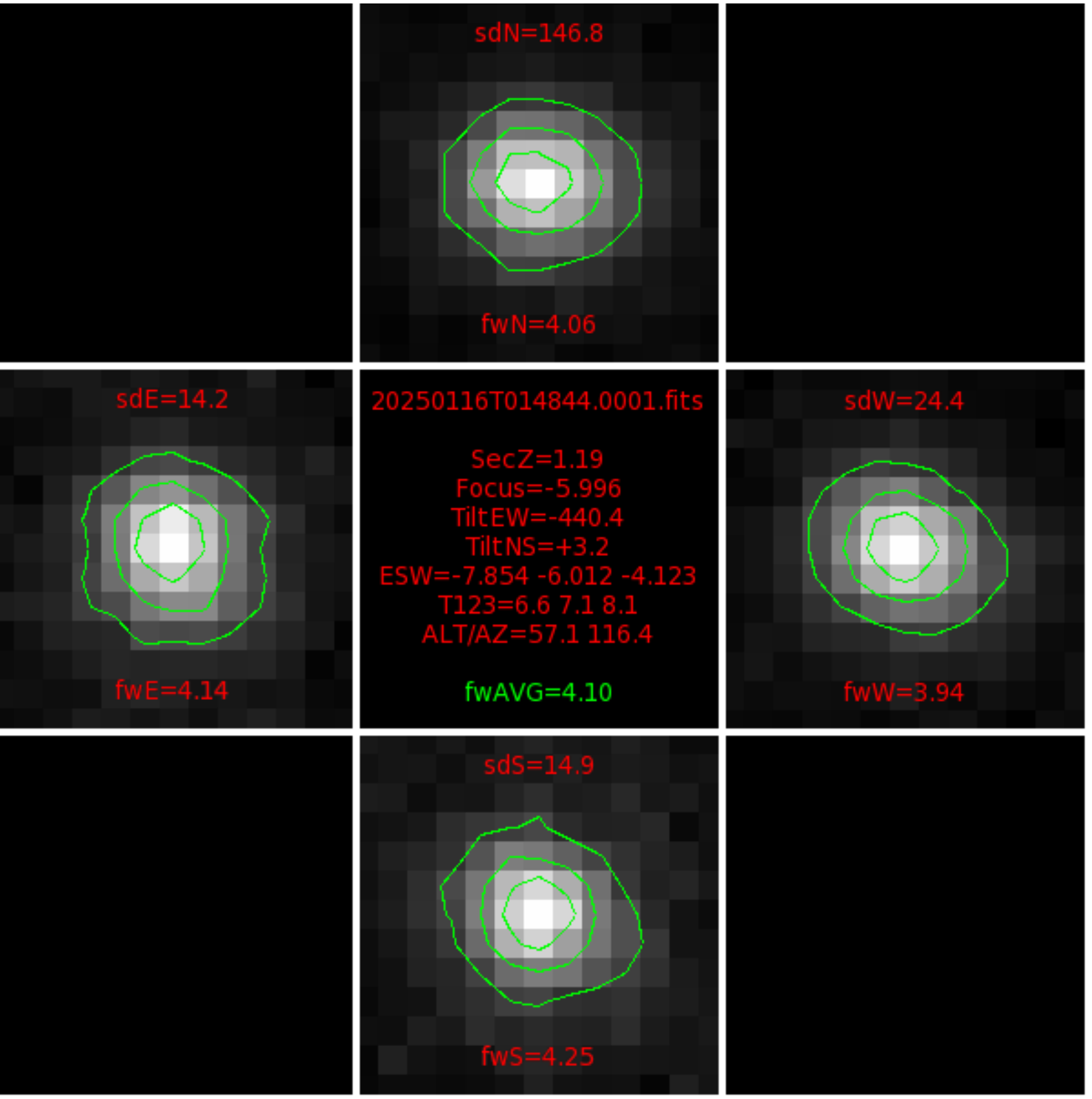
sdN=146.8
fwN=4.06
sdE=14.2
fwE=4.14
20250116T014844.0001.fits
SecZ=1.19
Focus=-5.996
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.854 -6.012 -4.123
T123=6.6 7.1 8.1
ALT/AZ=57.1 116.4
fwAVG=4.10
sdW=24.4
fwW=3.94
sdS=14.9
fwS=4.25
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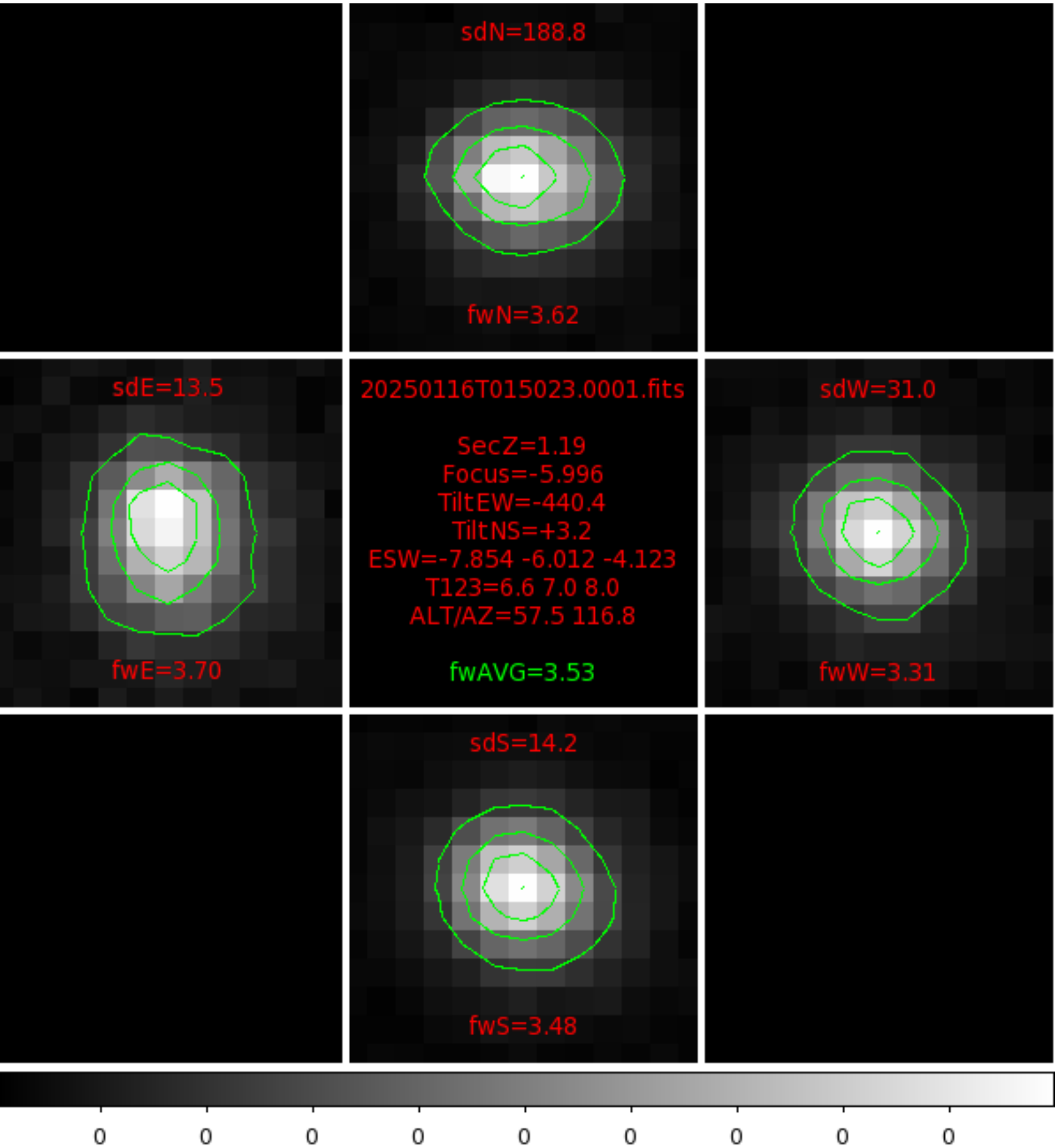
sdN=188.8
fwN=3.62
sdE=13.5
fwE=3.70
20250116T015023.0001.fits
SecZ=1.19
Focus=-5.996
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.854 -6.012 -4.123
T123=6.6 7.0 8.0
ALT/AZ=57.5 116.8
fwAVG=3.53
sdW=31.0
fwW=3.31
sdS=14.2
fwS=3.48
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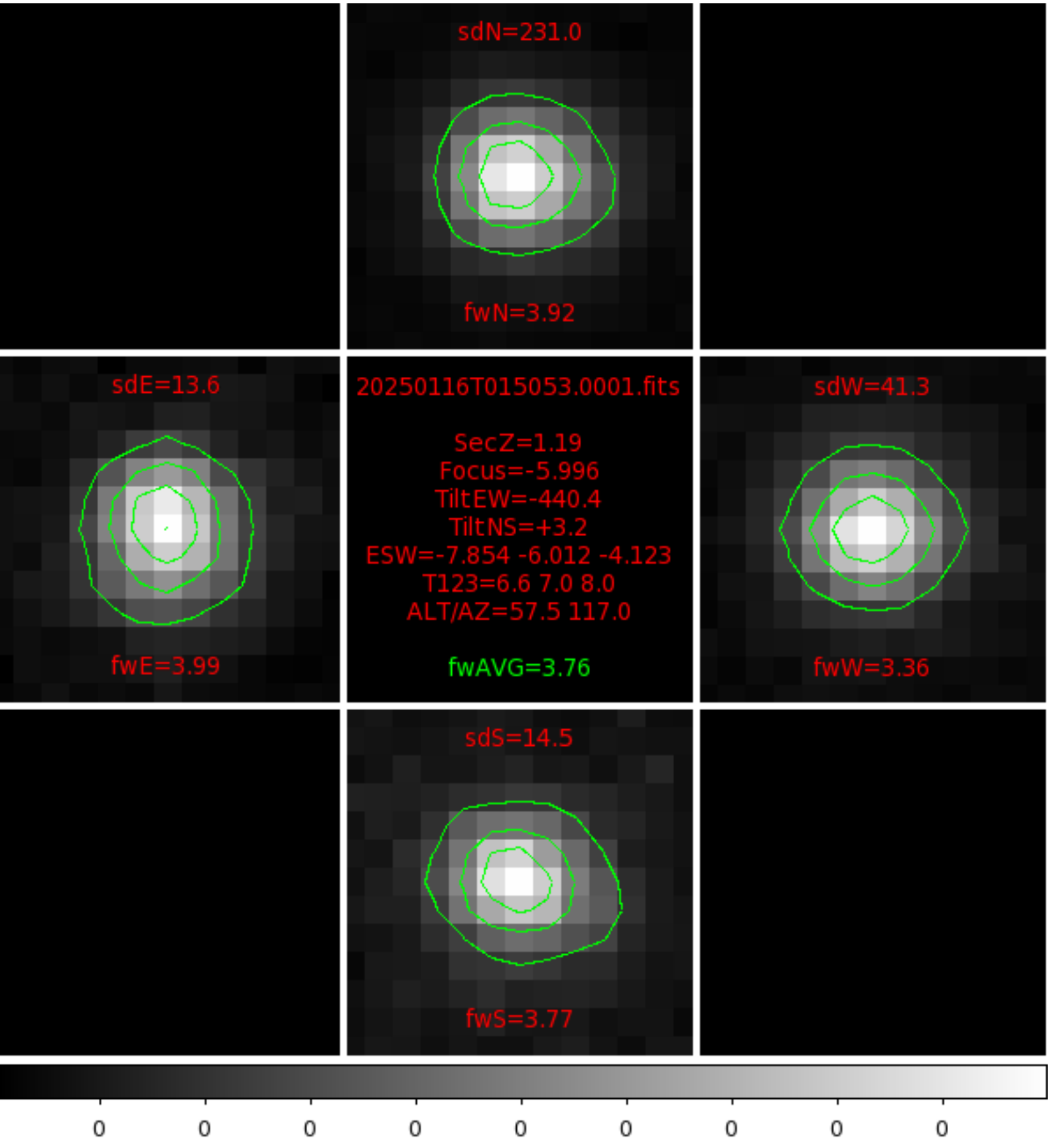
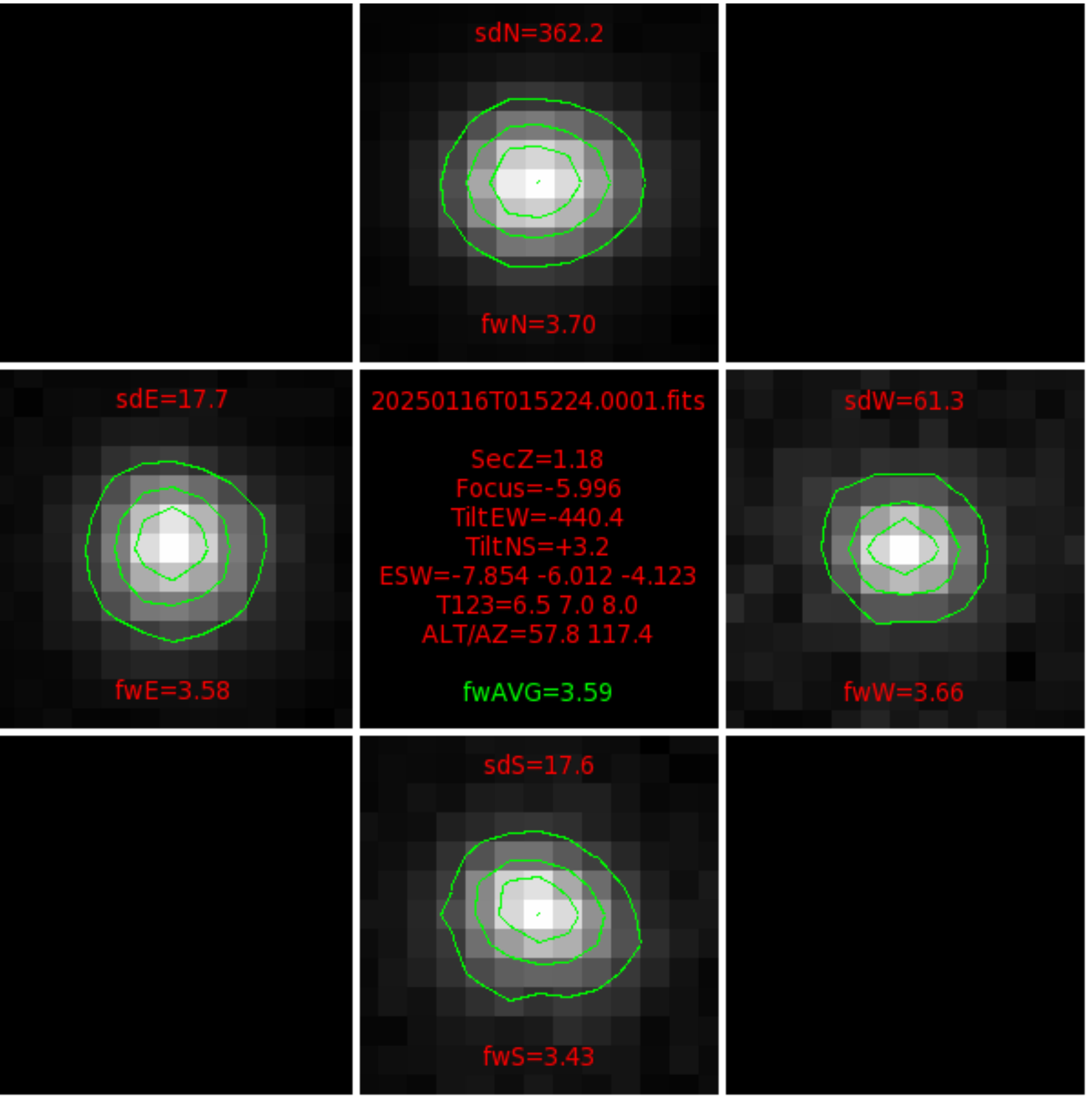

sdN=231.0
fwN=3.92
sdE=13.6
fwE=3.99
20250116T015053.0001.fits
SecZ=1.19
Focus=-5.996
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.854 -6.012 -4.123
T123=6.6 7.0 8.0
ALT/AZ=57.5 117.0
fwAVG=3.76
sdW=41.3
fwW=3.36
sdS=14.5
fwS=3.77
0 0 0 0 0 0 0 0 0


sdN=362.2
fwN=3.70
sdE=17.7
fwE=3.58
20250116T015224.0001.fits
SecZ=1.18
Focus=-5.996
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.854 -6.012 -4.123
T123=6.5 7.0 8.0
ALT/AZ=57.8 117.4
fwAVG=3.59
sdW=61.3
fwW=3.66
sdS=17.6
fwS=3.43
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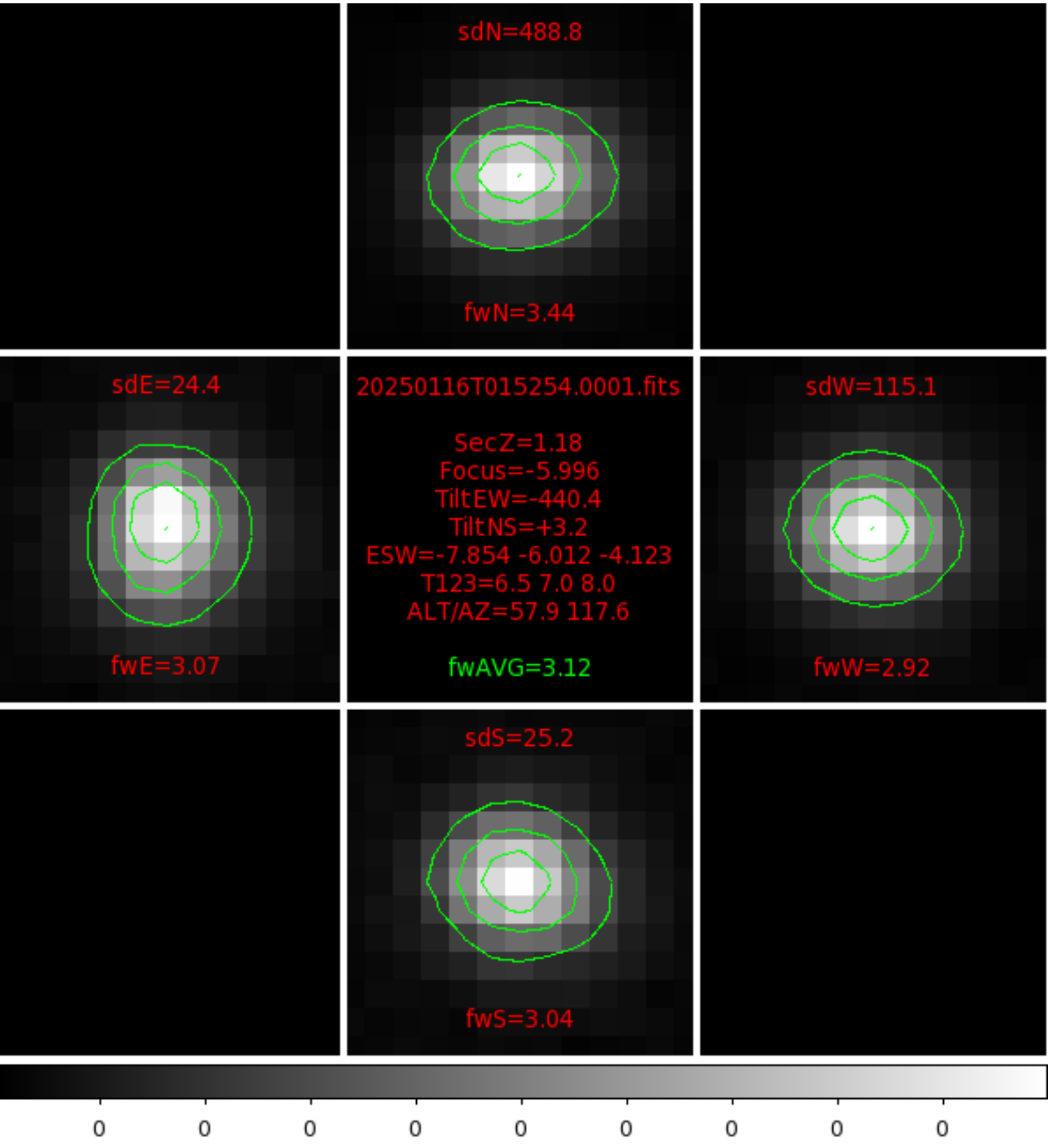
sdN=488.8
fwN=3.44
sdE=24.4
fwE=3.07
20250116T015254.0001.fits
SecZ=1.18
Focus=-5.996
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.854 -6.012 -4.123
T123=6.5 7.0 8.0
ALT/AZ=57.9 117.6
fwAVG=3.12
sdW=115.1
fwW=2.92
sdS=25.2
fwS=3.04
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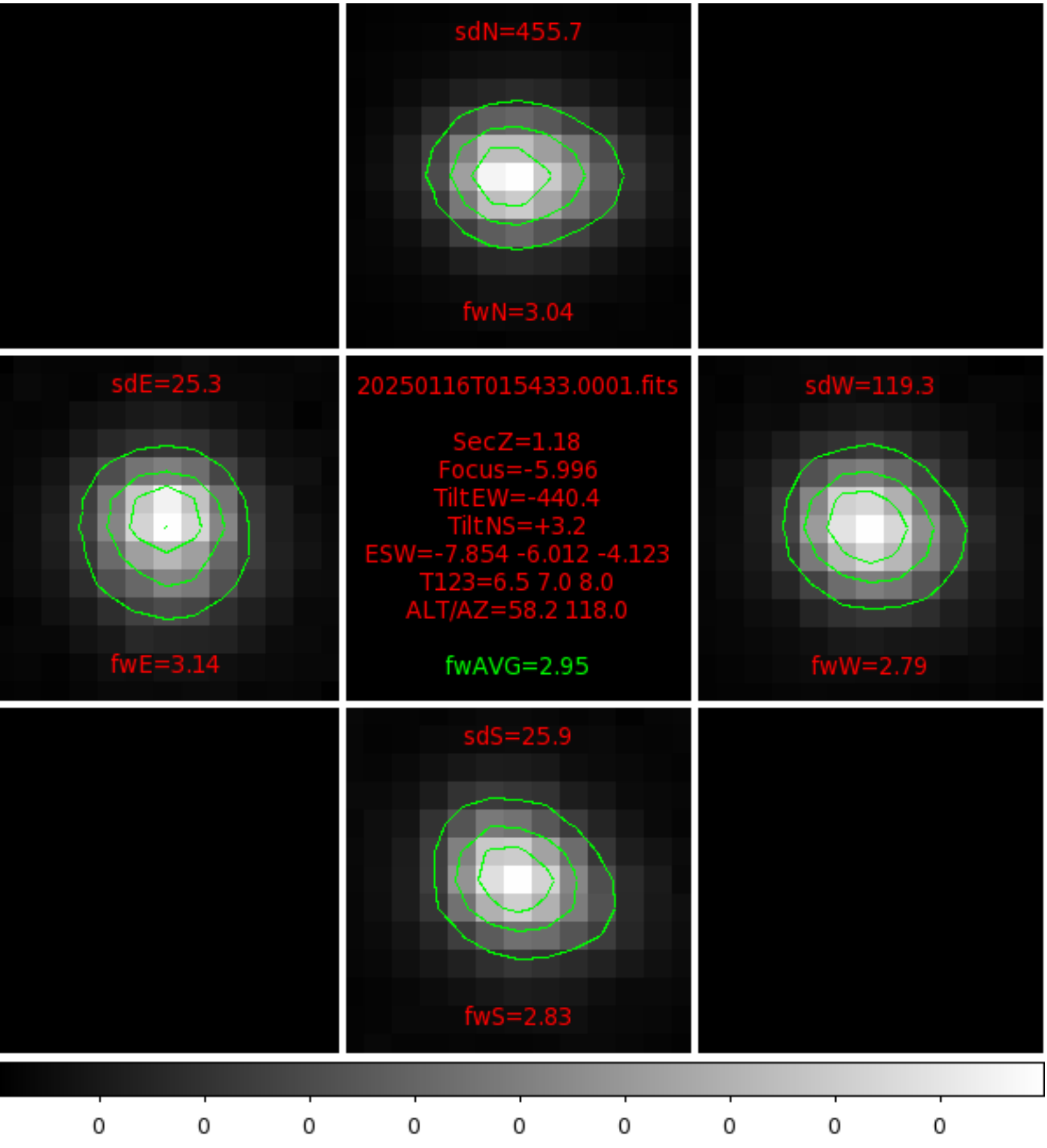
sdN=455.7
fwN=3.04
sdE=25.3
fwE=3.14
20250116T015433.0001.fits
SecZ=1.18
Focus=-5.996
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.854 -6.012 -4.123
T123=6.5 7.0 8.0
ALT/AZ=58.2 118.0
fwAVG=2.95
sdW=119.3
fwW=2.79
sdS=25.9
fwS=2.83
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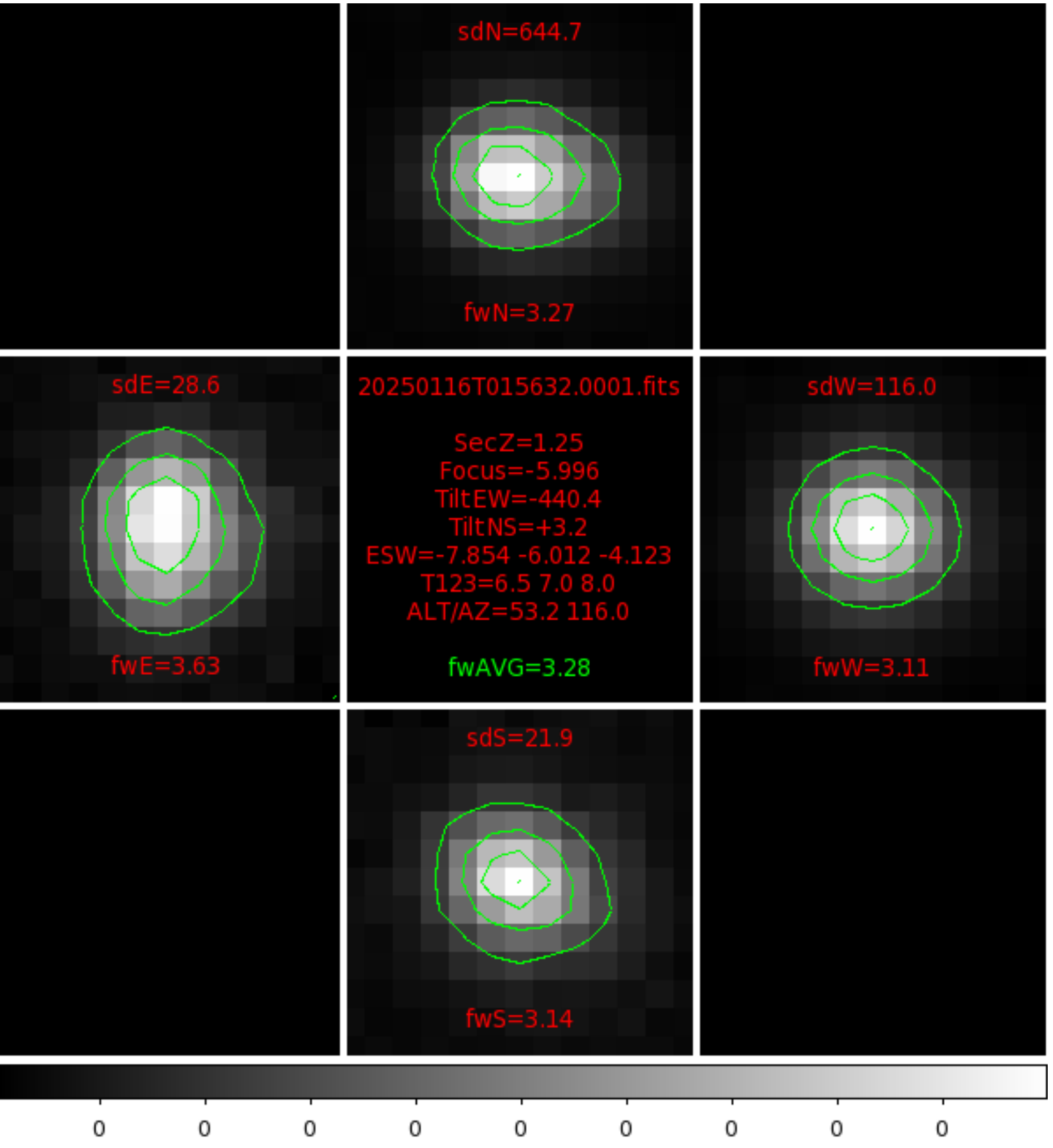
sdN=644.7
fwN=3.27
sdE=28.6
fwE=3.63
20250116T015632.0001.fits
SecZ=1.25
Focus=-5.996
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.854 -6.012 -4.123
T123=6.5 7.0 8.0
ALT/AZ=53.2 116.0
fwAVG=3.28
sdW=116.0
fwW=3.11
sdS=21.9
fwS=3.14
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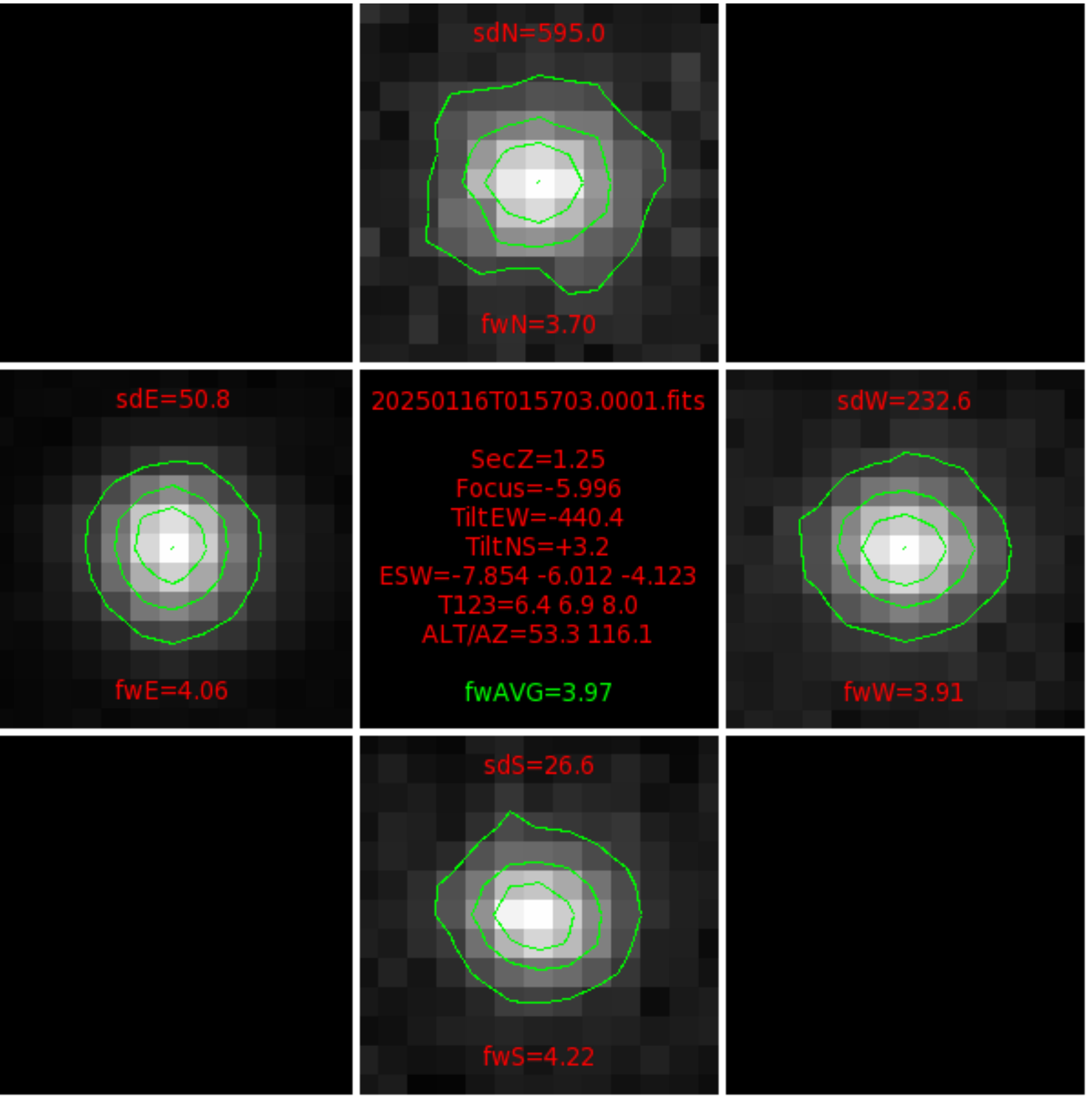
sdN=595.0
fwN=3.70
sdE=50.8
fwE=4.06
20250116T015703.0001.fits
SecZ=1.25
Focus=-5.996
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.854 -6.012 -4.123
T123=6.4 6.9 8.0
ALT/AZ=53.3 116.1
fwAVG=3.97
sdW=232.6
fwW=3.91
sdS=26.6
fwS=4.22
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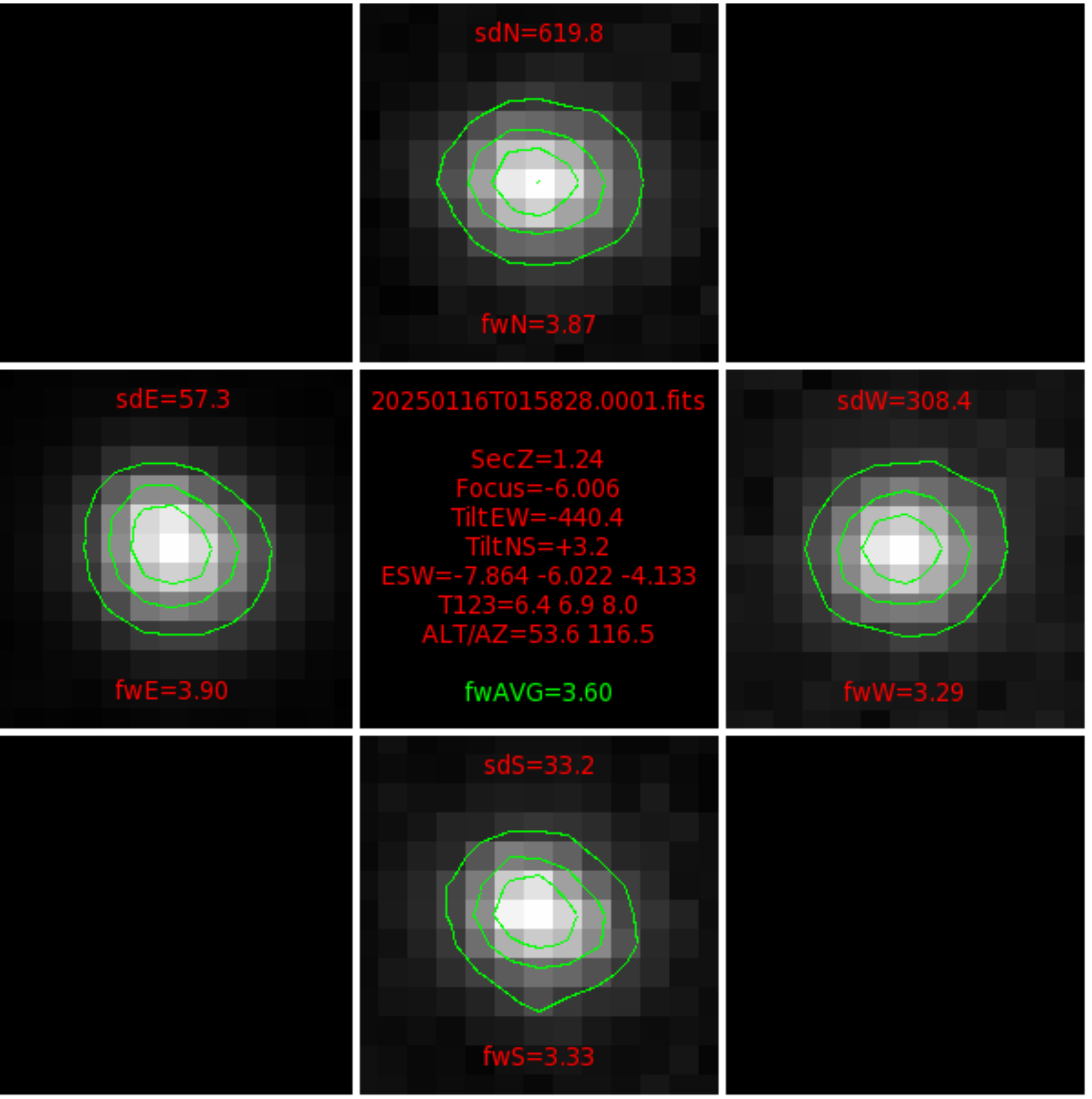
sdN=619.8
fwN=3.87
sdE=57.3
fwE=3.90
20250116T015828.0001.fits
SecZ=1.24
Focus=-6.006
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.864 -6.022 -4.133
T123=6.4 6.9 8.0
ALT/AZ=53.6 116.5
fwAVG=3.60
sdW=308.4
fwW=3.29
sdS=33.2
fwS=3.33
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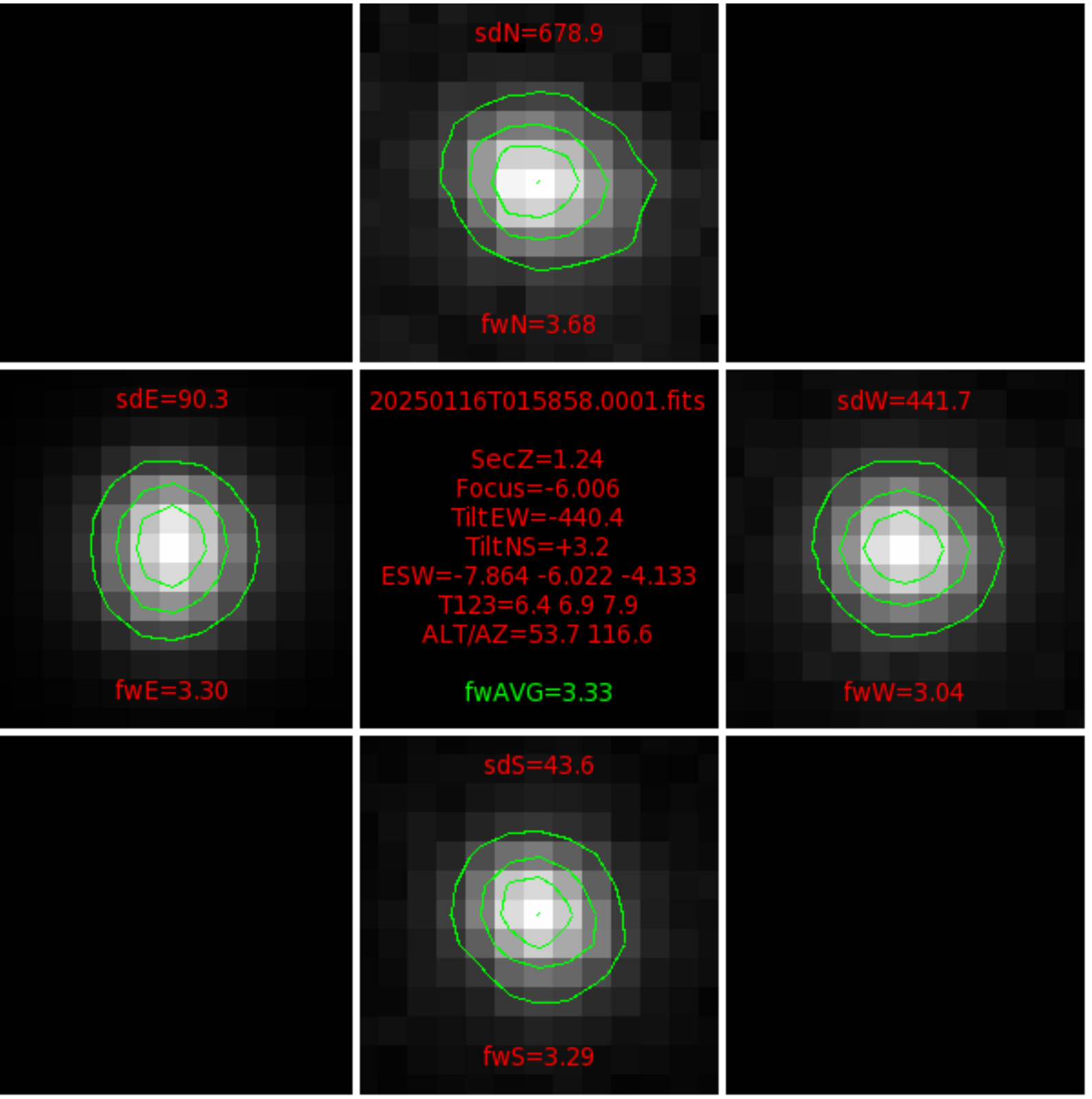
sdN=678.9
fwN=3.68
sdE=90.3
fwE=3.30
20250116T015858.0001.fits
SecZ=1.24
Focus=-6.006
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.864 -6.022 -4.133
T123=6.4 6.9 7.9
ALT/AZ=53.7 116.6
fwAVG=3.33
sdW=441.7
fwW=3.04
sdS=43.6
fwS=3.29
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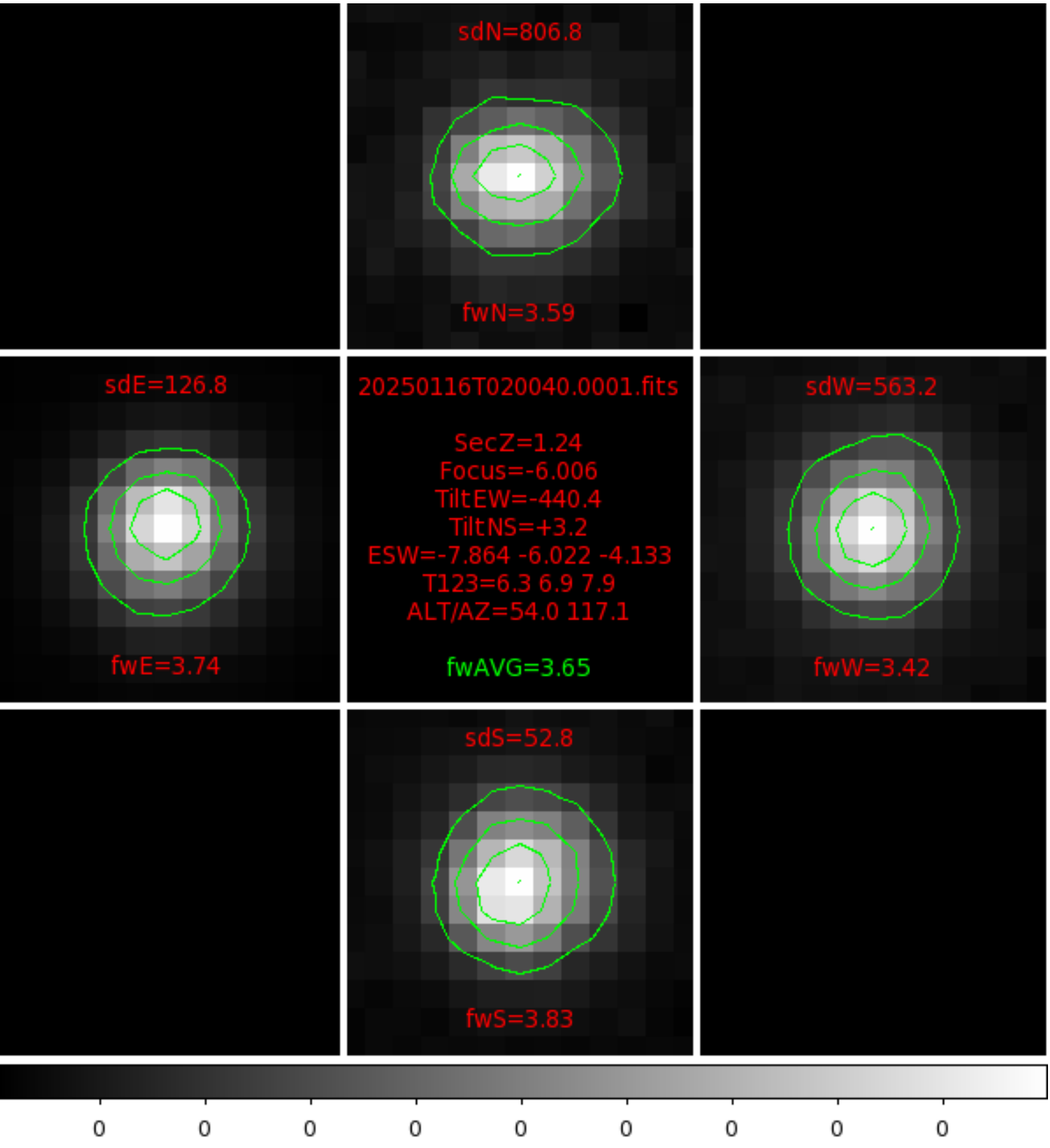
sdN=806.8
fwN=3.59
sdE=126.8
fwE=3.74
20250116T020040.0001.fits
SecZ=1.24
Focus=-6.006
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.864 -6.022 -4.133
T123=6.3 6.9 7.9
ALT/AZ=54.0 117.1
fwAVG=3.65
sdW=563.2
fwW=3.42
sdS=52.8
fwS=3.83
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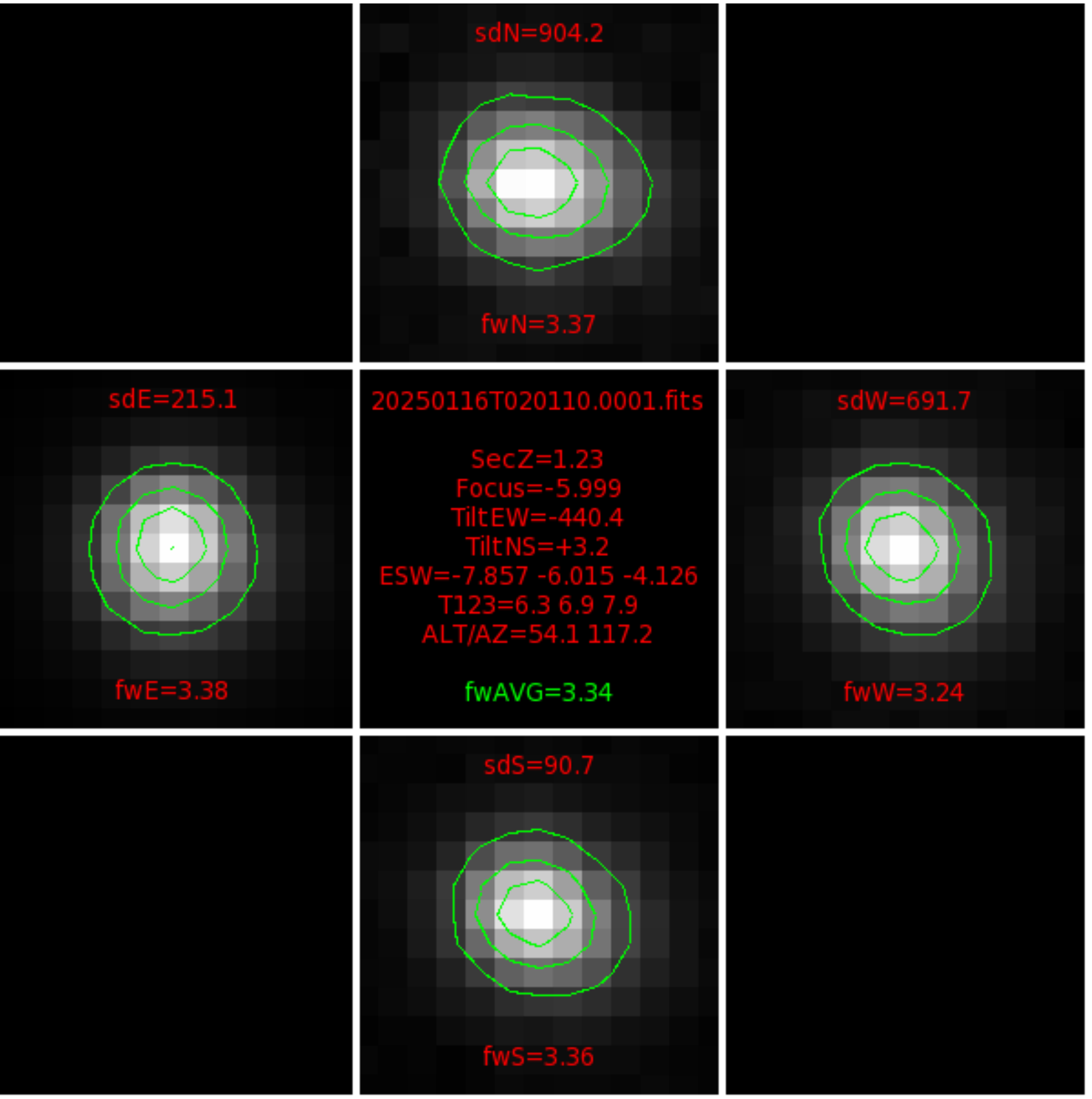
sdN=904.2
fwN=3.37
sdE=215.1
fwE=3.38
20250116T020110.0001.fits
SecZ=1.23
Focus=-5.999
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.857 -6.015 -4.126
T123=6.3 6.9 7.9
ALT/AZ=54.1 117.2
fwAVG=3.34
sdW=691.7
fwW=3.24
sdS=90.7
fwS=3.36
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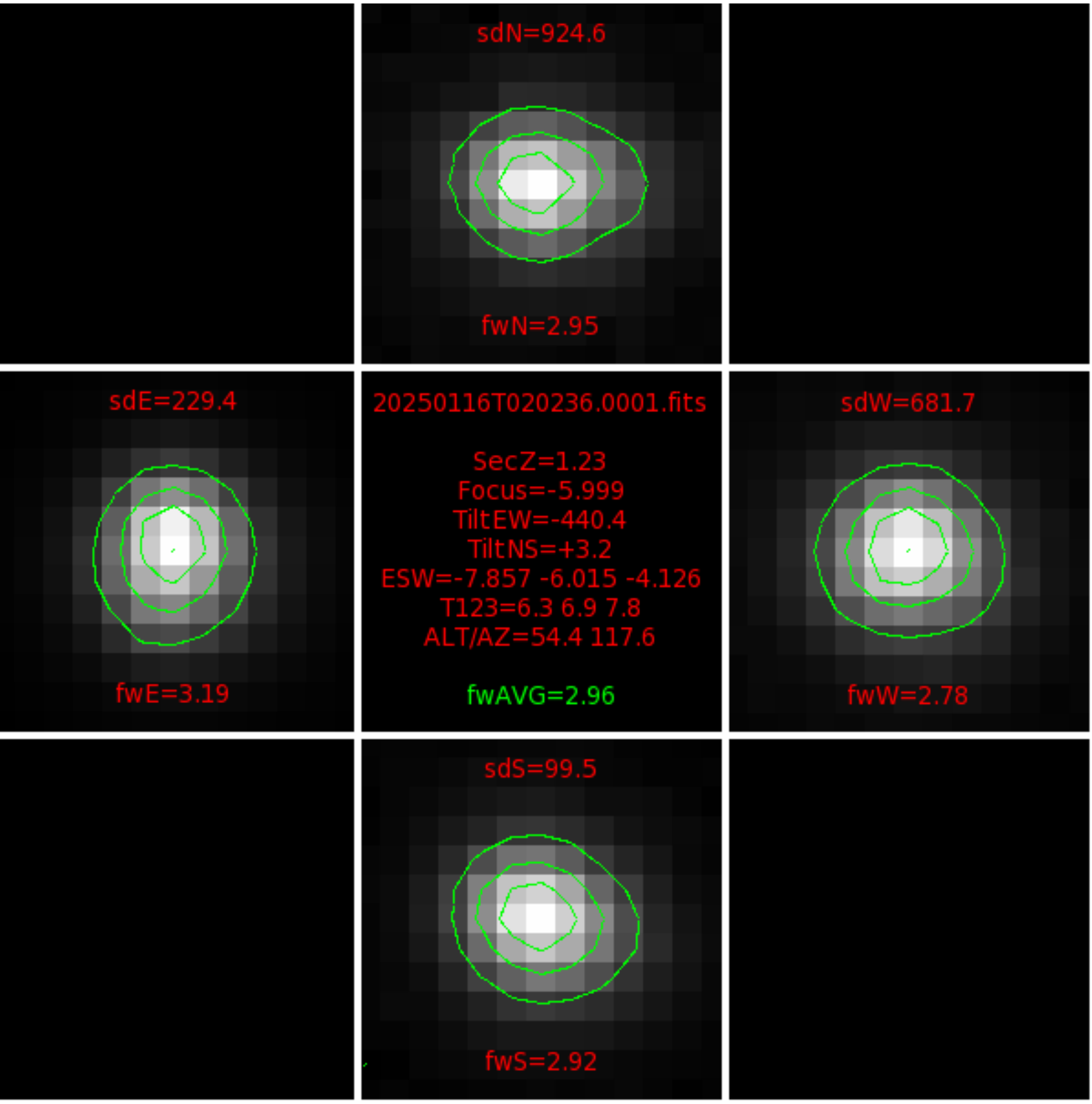
sdN=924.6
fwN=2.95
sdE=229.4
fwE=3.19
20250116T020236.0001.fits
SecZ=1.23
Focus=-5.999
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.857 -6.015 -4.126
T123=6.3 6.9 7.8
ALT/AZ=54.4 117.6
fwAVG=2.96
sdW=681.7
fwW=2.78
sdS=99.5
fwS=2.92
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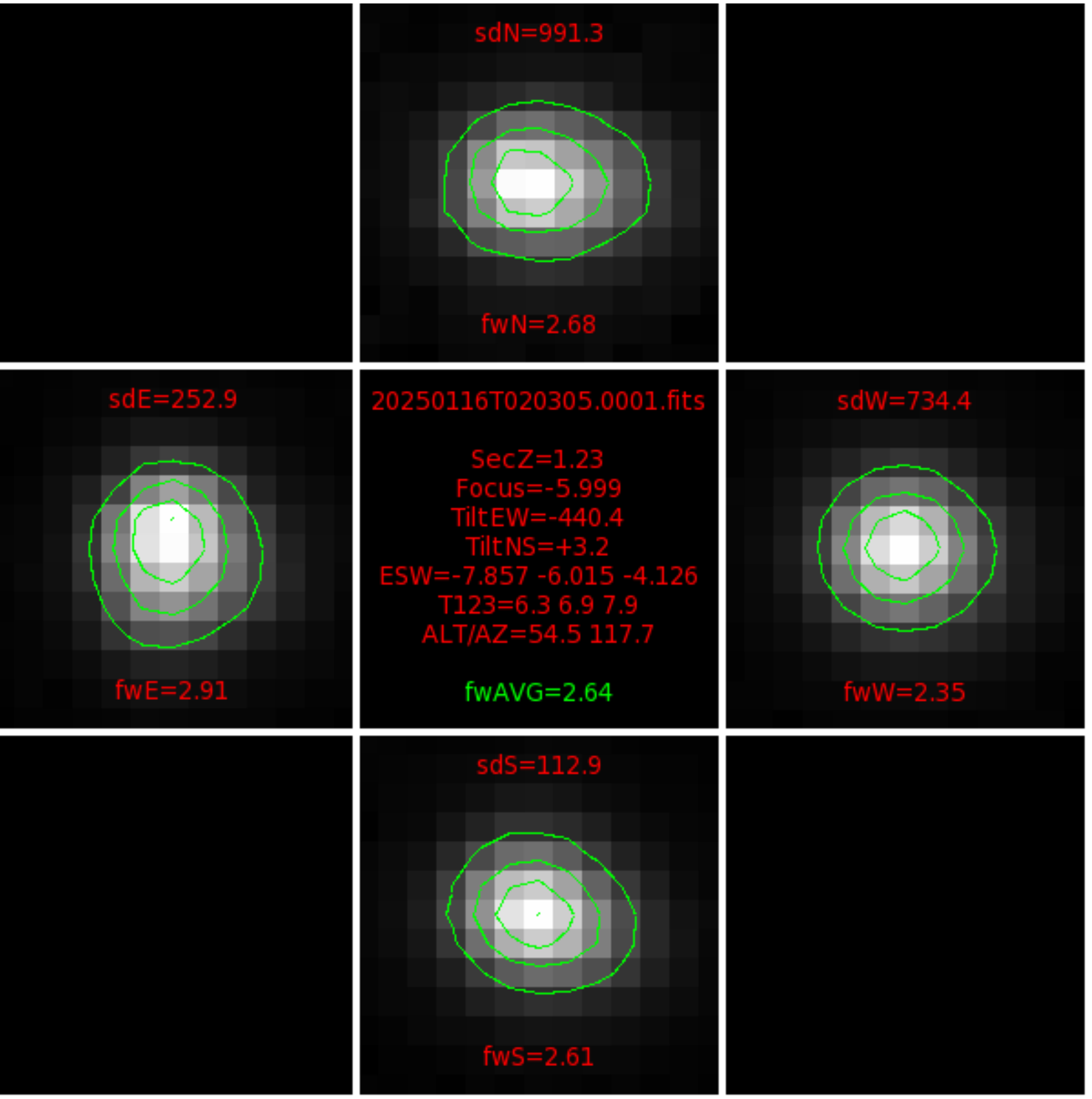
sdN=991.3
fwN=2.68
sdE=252.9
fwE=2.91
20250116T020305.0001.fits
SecZ=1.23
Focus=-5.999
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.857 -6.015 -4.126
T123=6.3 6.9 7.9
ALT/AZ=54.5 117.7
fwAVG=2.64
sdW=734.4
fwW=2.35
sdS=112.9
fwS=2.61
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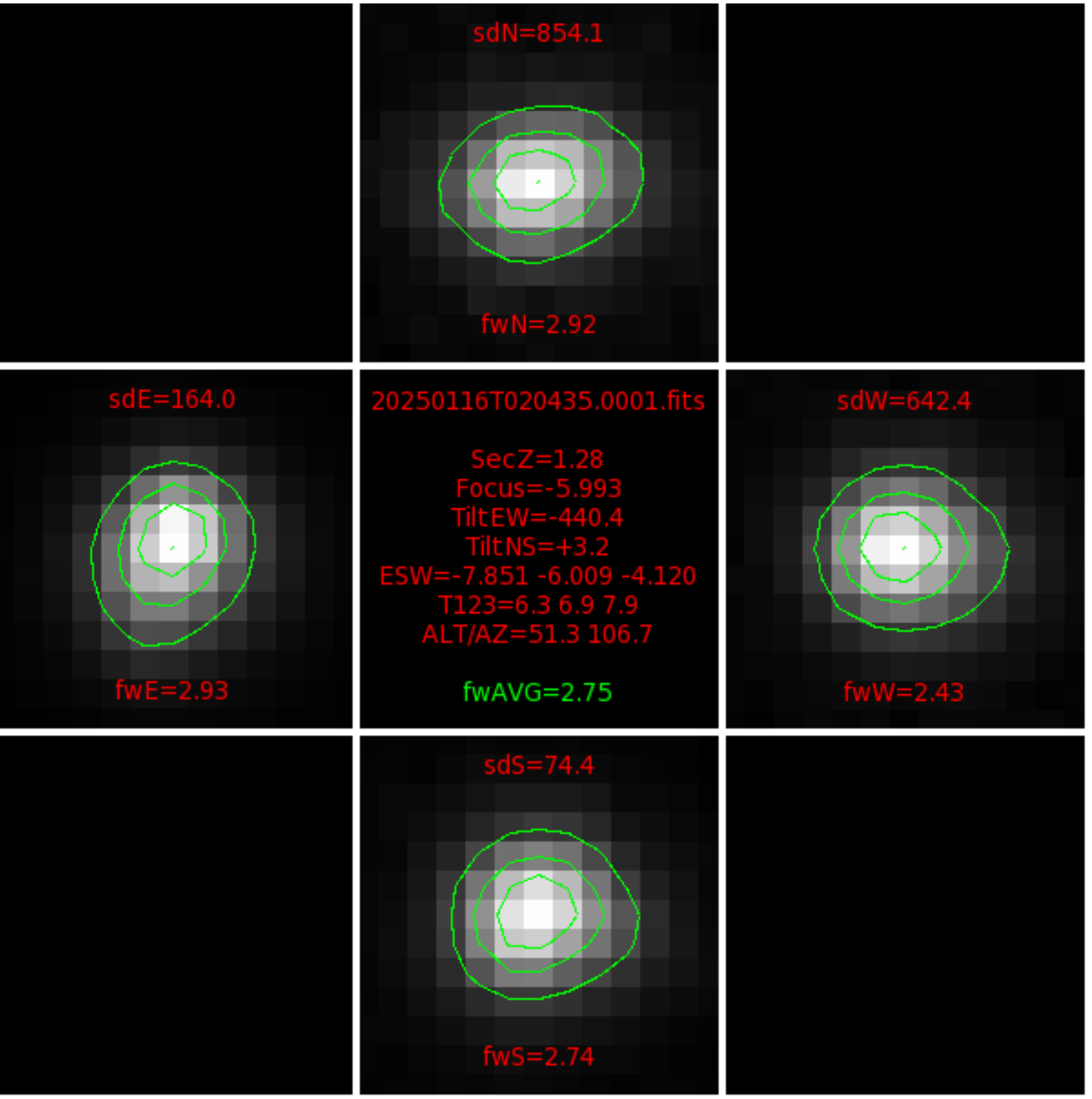
sdN=854.1
fwN=2.92
sdE=164.0
fwE=2.93
20250116T020435.0001.fits
SecZ=1.28
Focus=-5.993
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.851 -6.009 -4.120
T123=6.3 6.9 7.9
ALT/AZ=51.3 106.7
fwAVG=2.75
sdW=642.4
fwW=2.43
sdS=74.4
fwS=2.74
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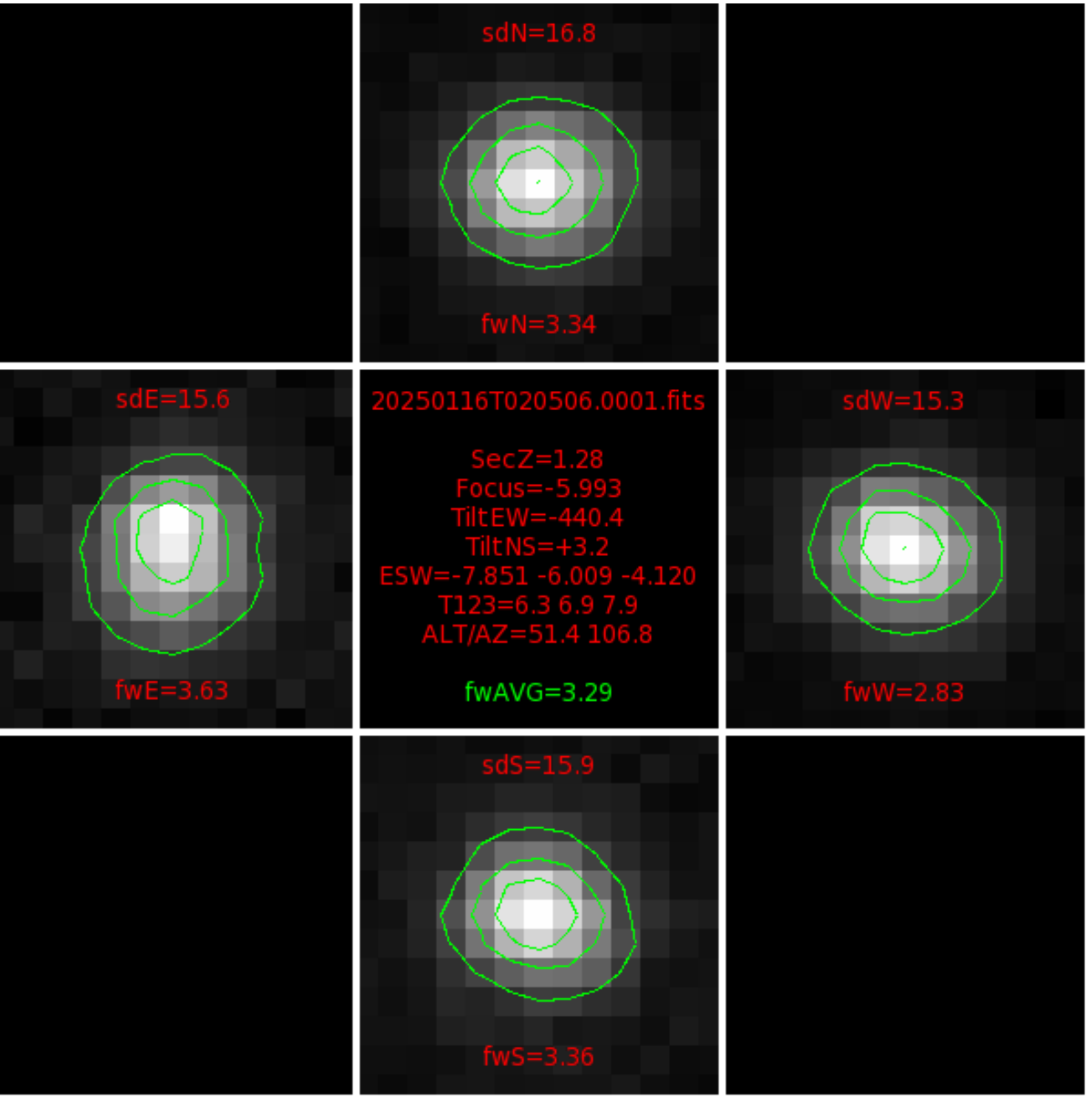
sdN=16.8
fwN=3.34
sdE=15.6
fwE=3.63
20250116T020506.0001.fits
SecZ=1.28
Focus=-5.993
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.851 -6.009 -4.120
T123=6.3 6.9 7.9
ALT/AZ=51.4 106.8
fwAVG=3.29
sdW=15.3
fwW=2.83
sdS=15.9
fwS=3.36
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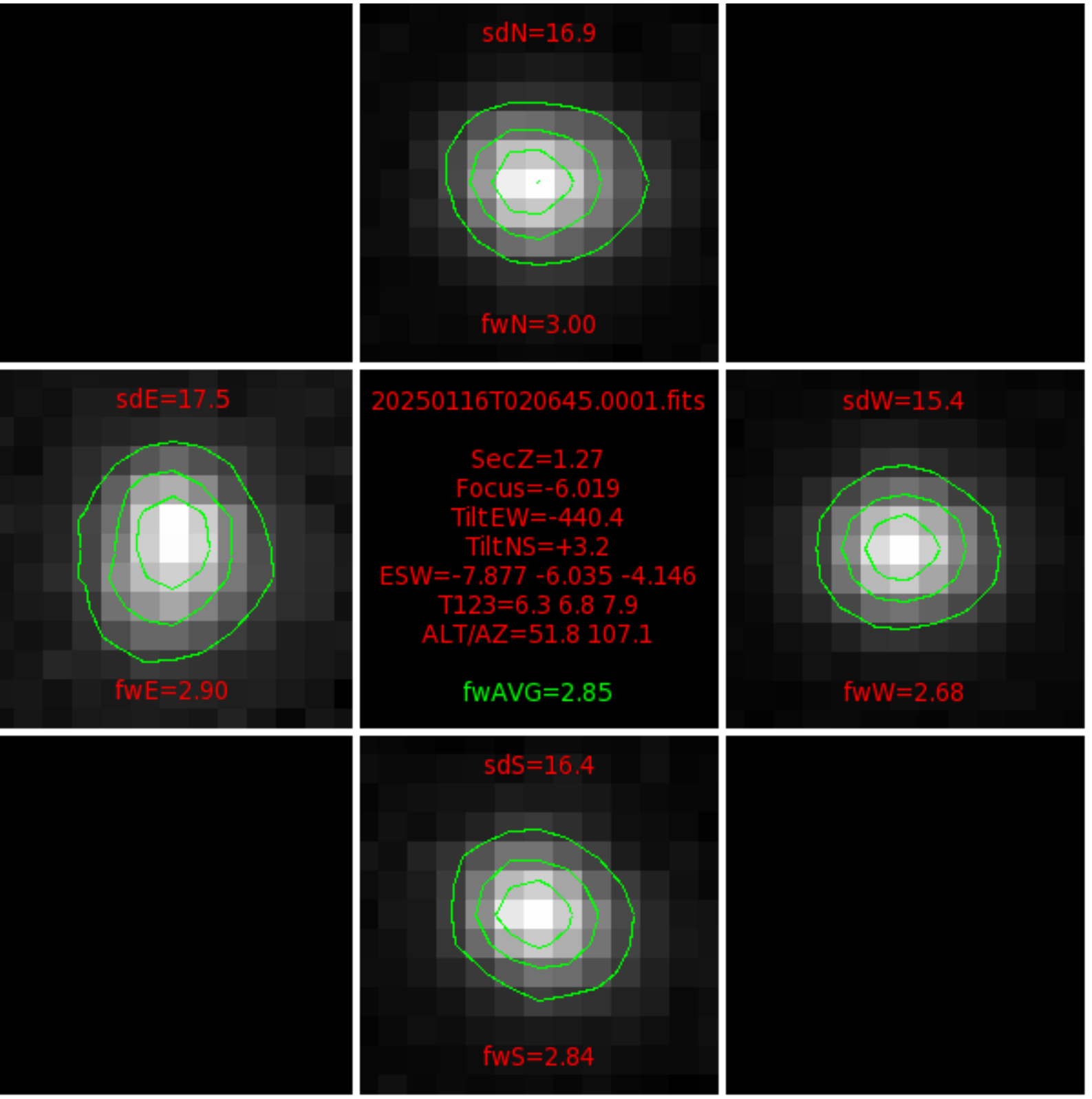
sdN=16.9
fwN=3.00
sdE=17.5
fwE=2.90
20250116T020645.0001.fits
SecZ=1.27
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.8 7.9
ALT/AZ=51.8 107.1
fwAVG=2.85
sdW=15.4
fwW=2.68
sdS=16.4
fwS=2.84
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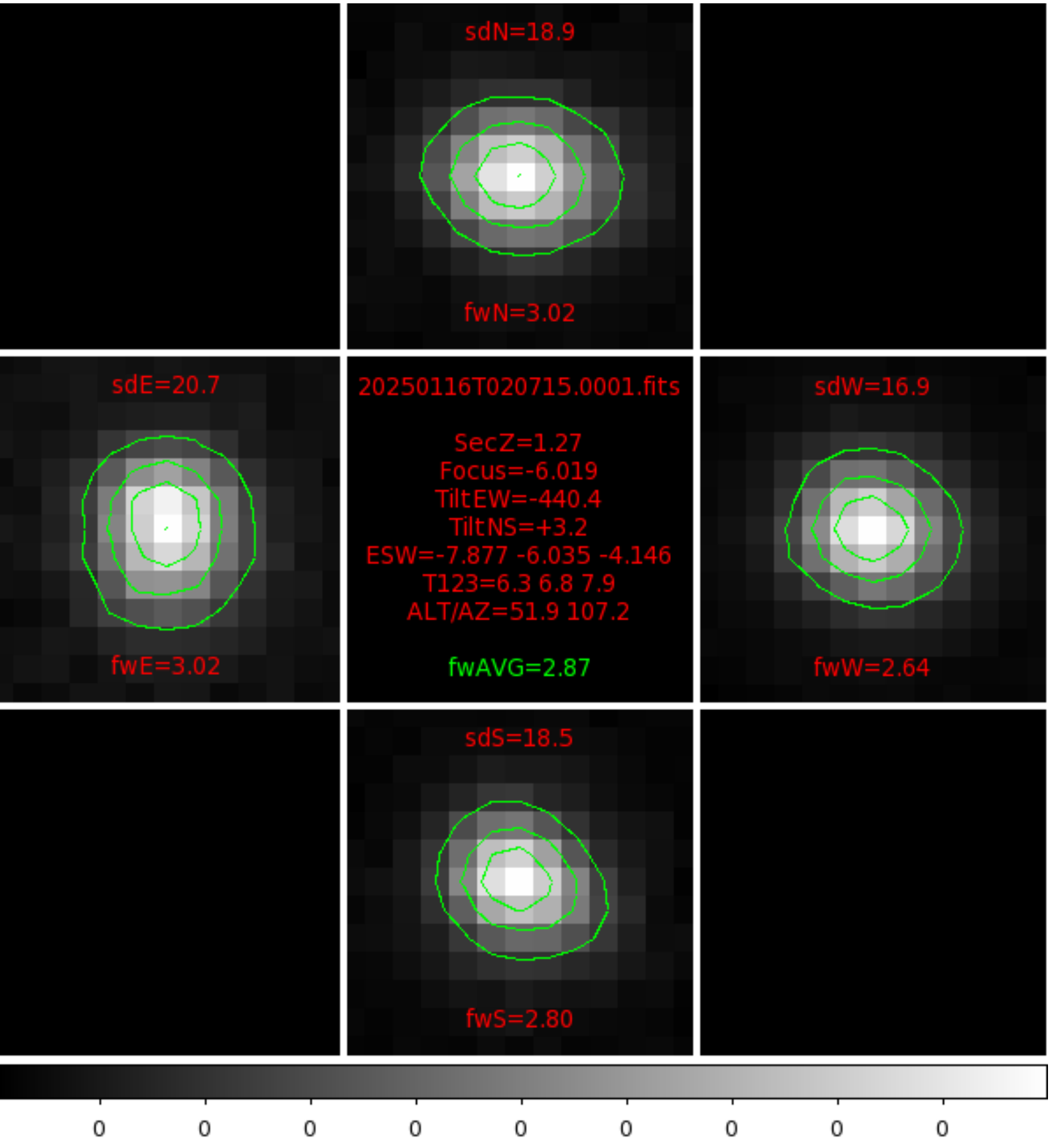
sdN=18.9
fwN=3.02
sdE=20.7
fwE=3.02
20250116T020715.0001.fits
SecZ=1.27
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.8 7.9
ALT/AZ=51.9 107.2
fwAVG=2.87
sdW=16.9
fwW=2.64
sdS=18.5
fwS=2.80
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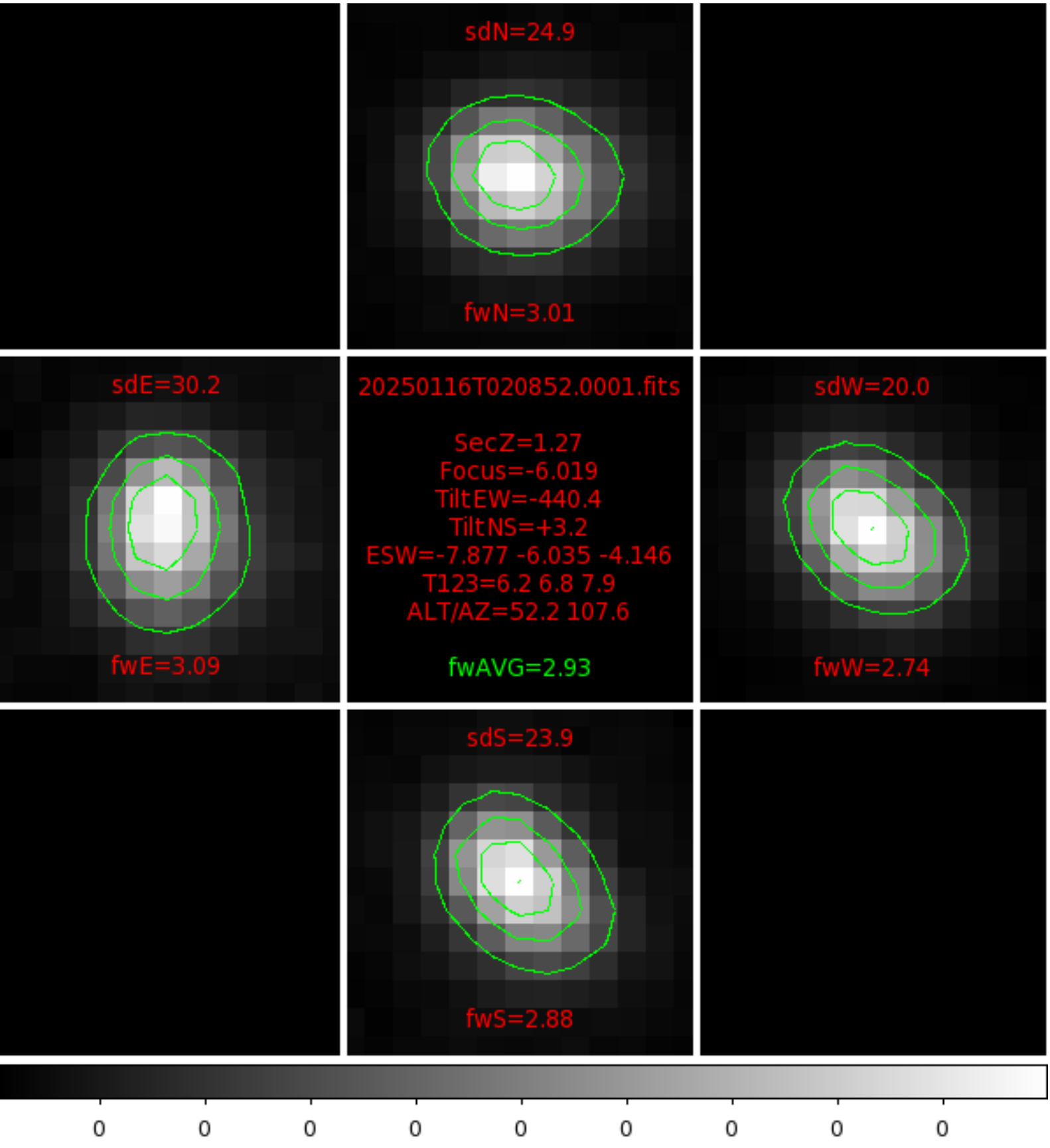
sdN=24.9
fwN=3.01
sdE=30.2
fwE=3.09
20250116T020852.0001.fits
SecZ=1.27
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.2 6.8 7.9
ALT/AZ=52.2 107.6
fwAVG=2.93
sdW=20.0
fwW=2.74
sdS=23.9
fwS=2.88
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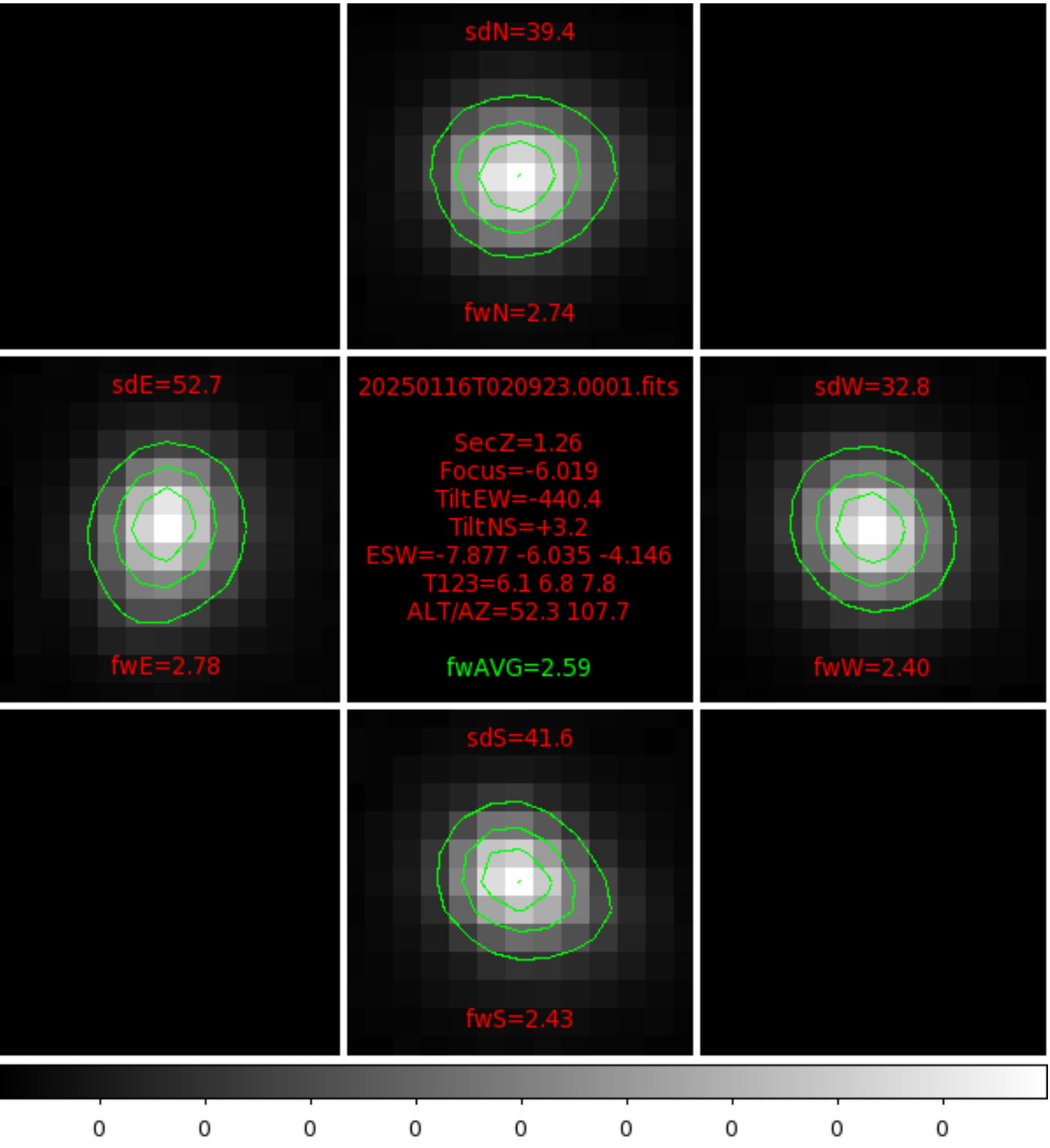
sdN=39.4
fwN=2.74
sdE=52.7
fwE=2.78
20250116T020923.0001.fits
SecZ=1.26
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.1 6.8 7.8
ALT/AZ=52.3 107.7
fwAVG=2.59
sdW=32.8
fwW=2.40
sdS=41.6
fwS=2.43
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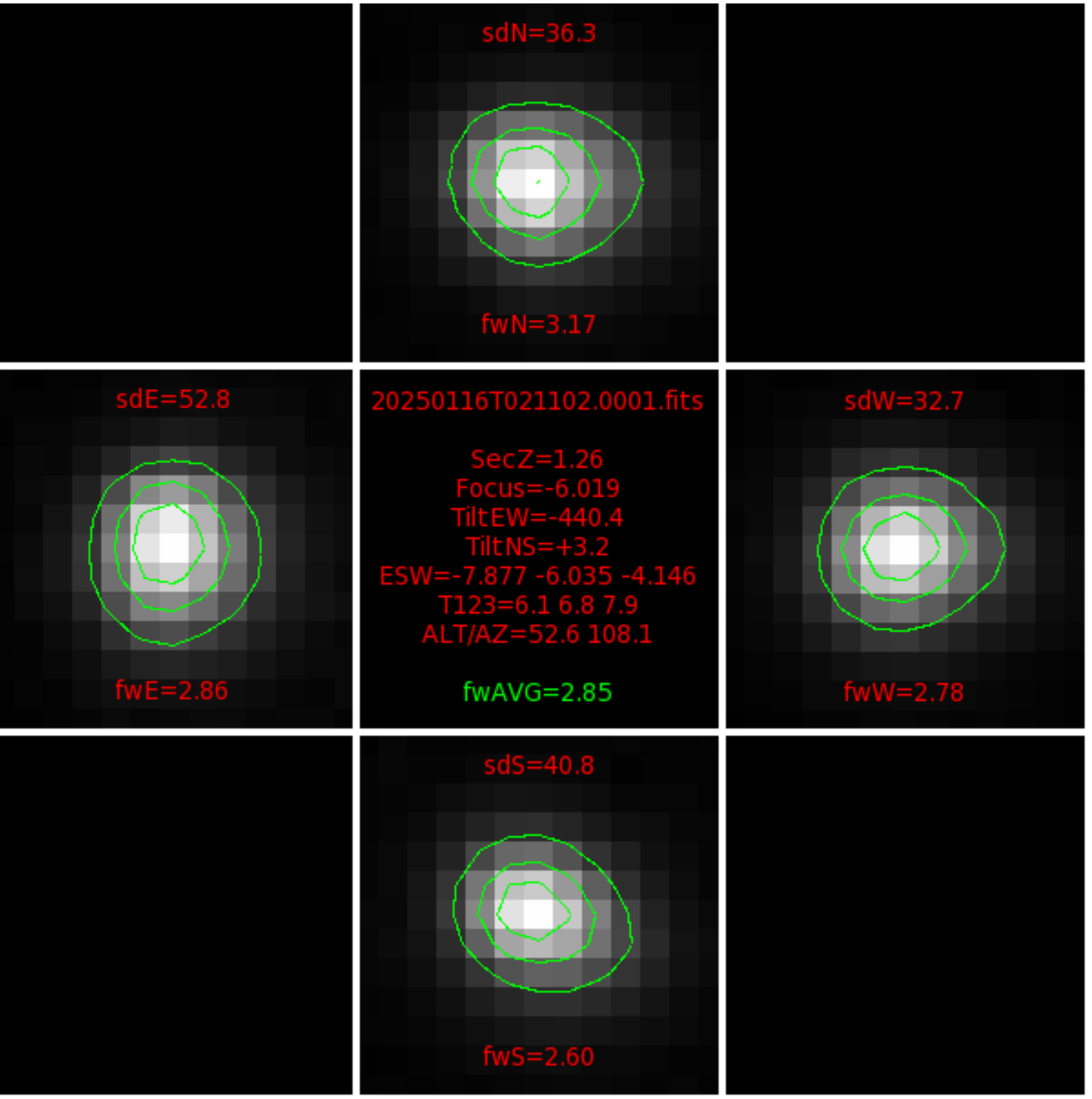
sdN=36.3
fwN=3.17
sdE=52.8
fwE=2.86
20250116T021102.0001.fits
SecZ=1.26
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.1 6.8 7.9
ALT/AZ=52.6 108.1
fwAVG=2.85
sdW=32.7
fwW=2.78
sdS=40.8
fwS=2.60
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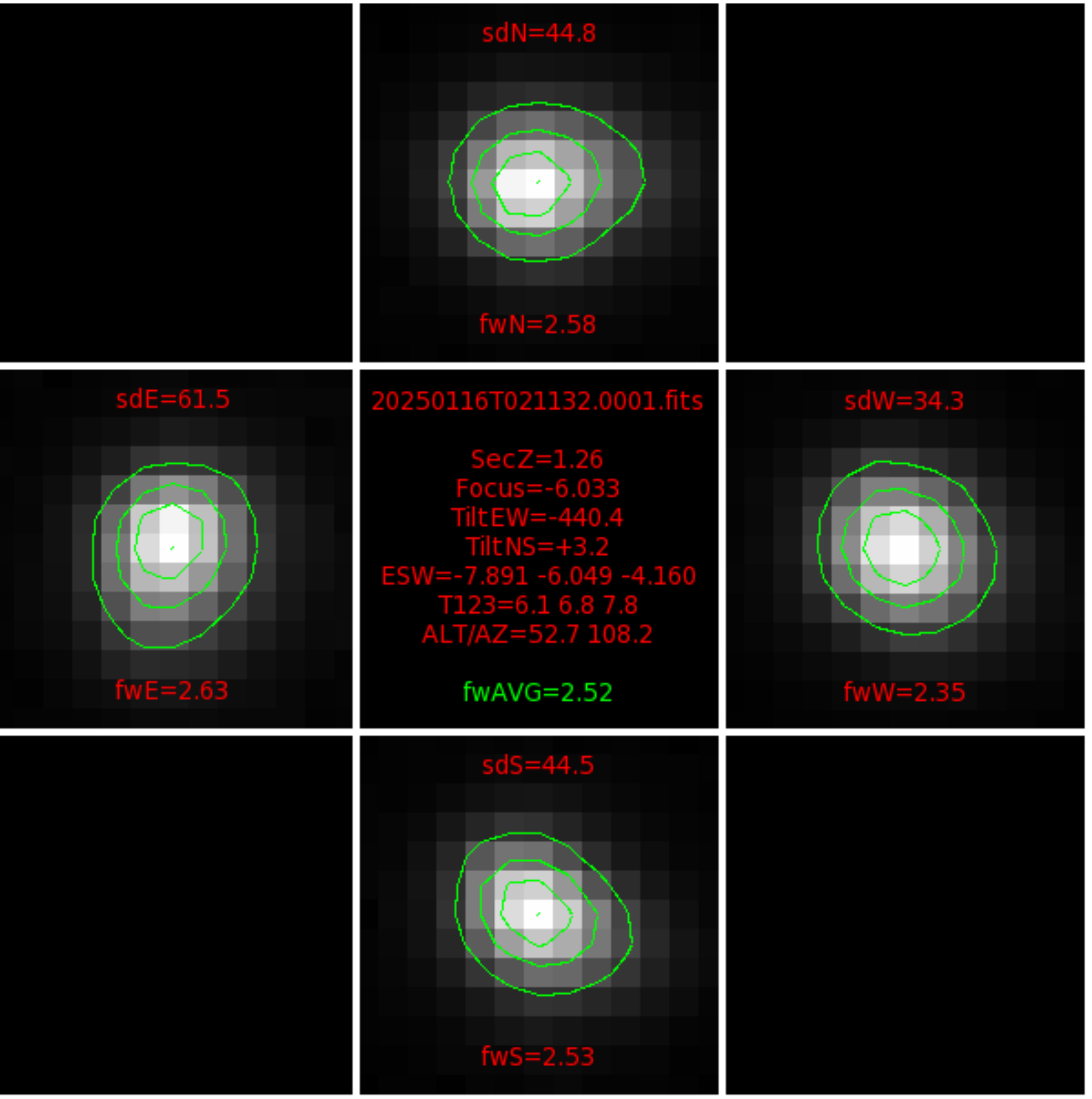
sdN=44.8
fwN=2.58
sdE=61.5
fwE=2.63
20250116T021132.0001.fits
SecZ=1.26
Focus=-6.033
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.891 -6.049 -4.160
T123=6.1 6.8 7.8
ALT/AZ=52.7 108.2
fwAVG=2.52
sdW=34.3
fwW=2.35
sdS=44.5
fwS=2.53
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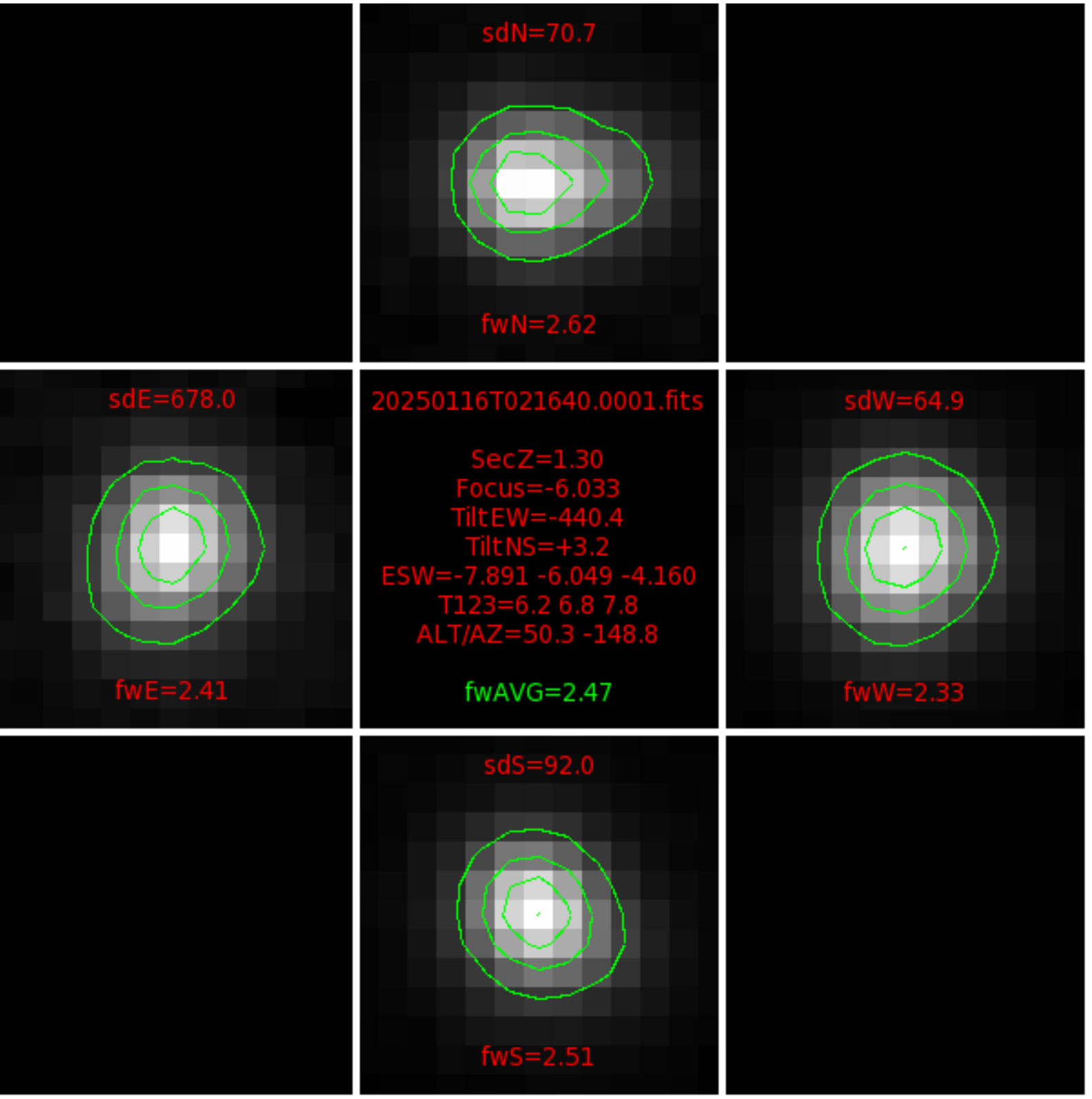
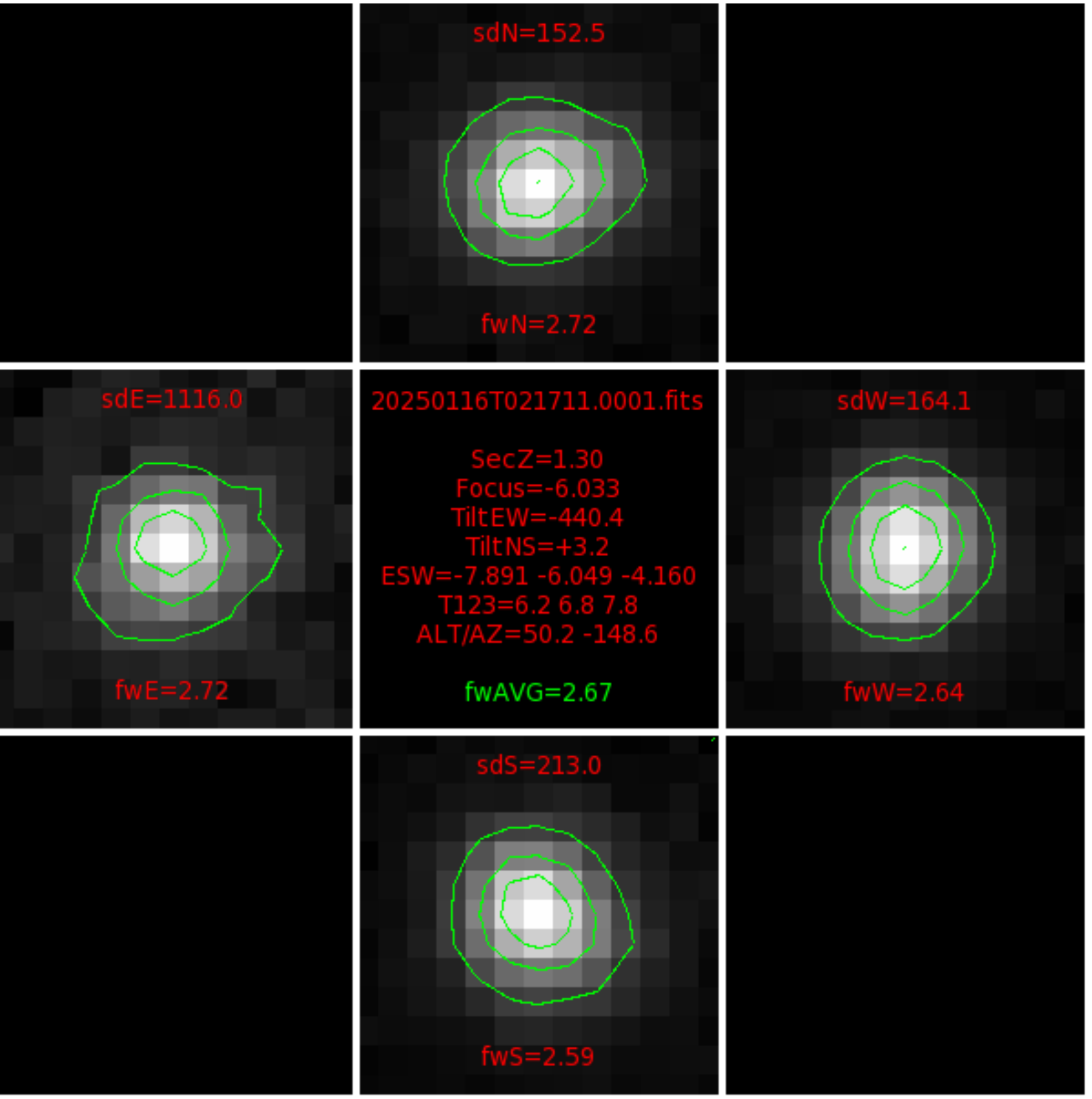

sdN=70.7
fwN=2.62
sdE=678.0
fwE=2.41
20250116T021640.0001.fits
SecZ=1.30
Focus=-6.033
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.891 -6.049 -4.160
T123=6.2 6.8 7.8
ALT/AZ=50.3 -148.8
fwAVG=2.47
sdW=64.9
fwW=2.33
sdS=92.0
fwS=2.51
0 0 0 0 0 0 0 0 0


sdN=152.5
fwN=2.72
sdE=1116.0
fwE=2.72
20250116T021711.0001.fits
SecZ=1.30
Focus=-6.033
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.891 -6.049 -4.160
T123=6.2 6.8 7.8
ALT/AZ=50.2 -148.6
fwAVG=2.67
sdW=164.1
fwW=2.64
sdS=213.0
fwS=2.59
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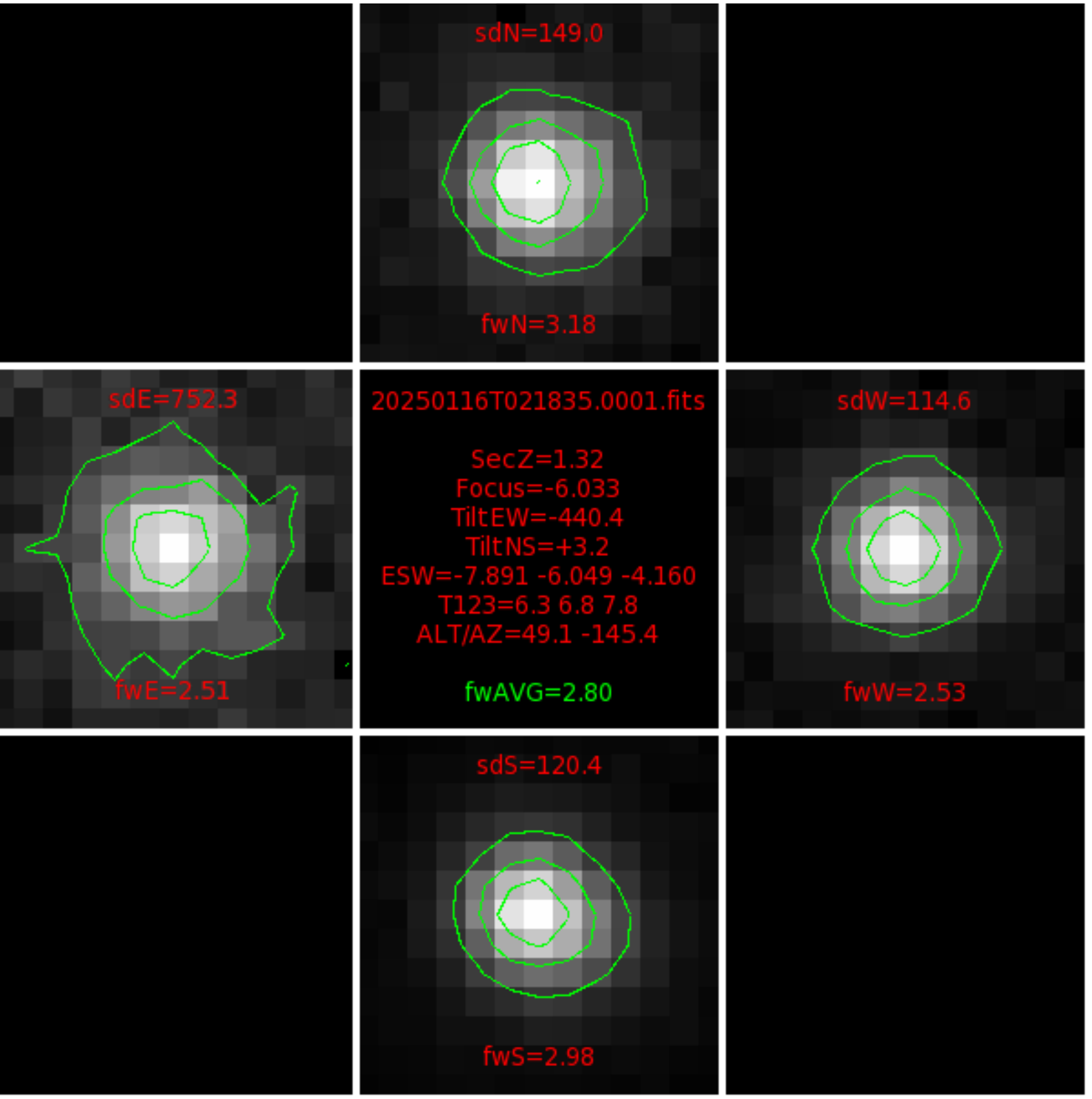
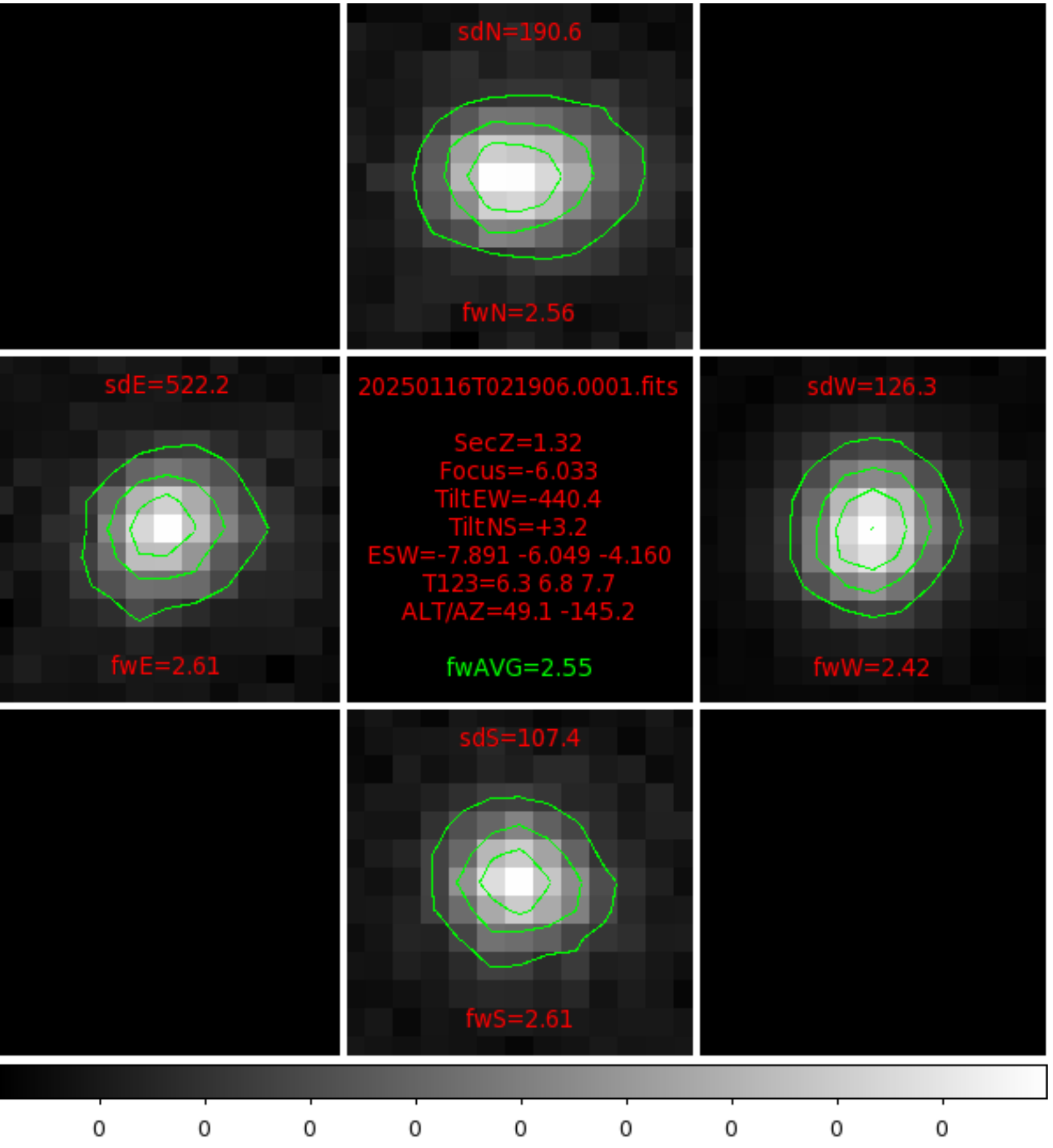
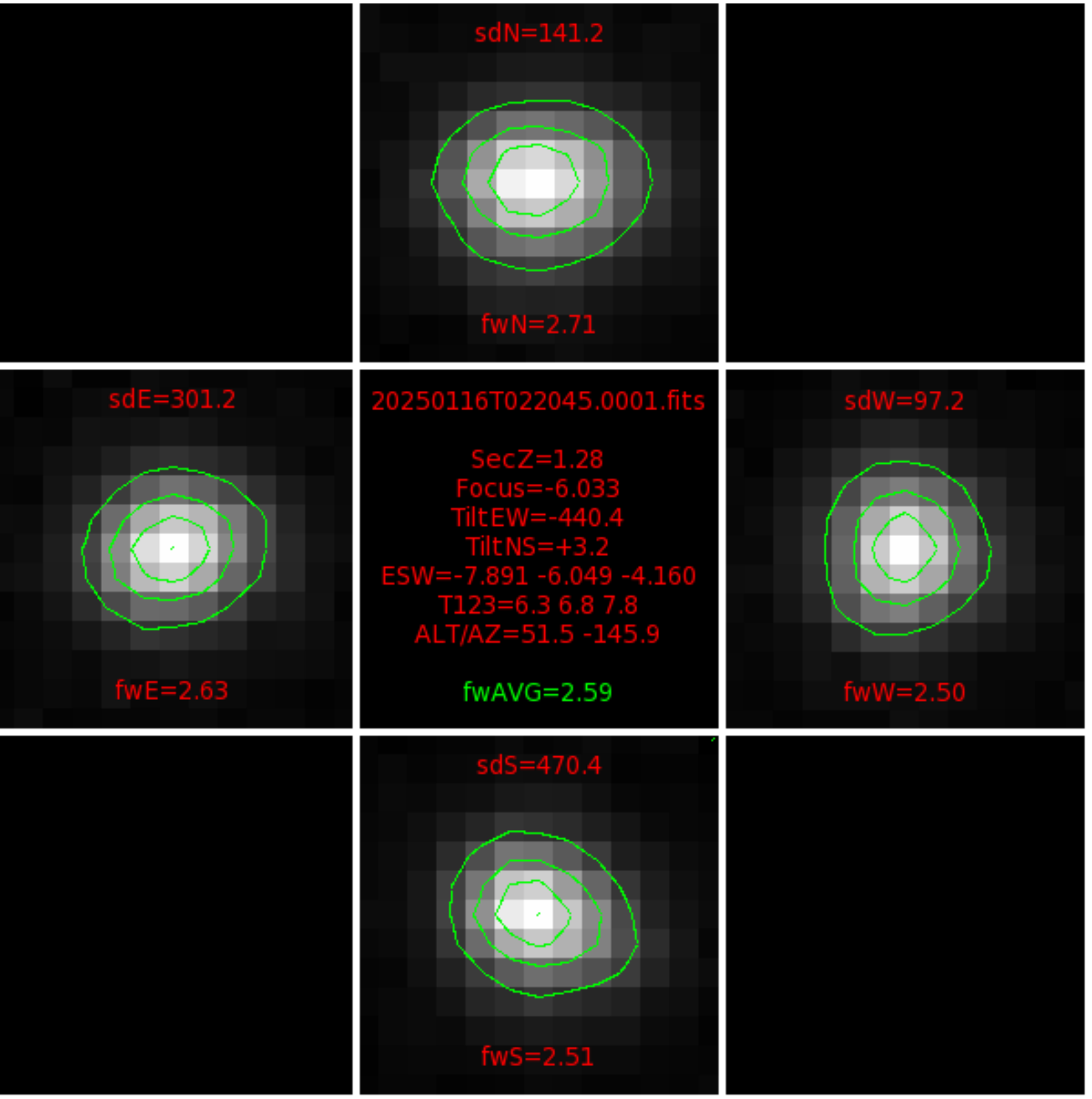

sdN=149.0
fwN=3.18
sdE=752.3
fwE=2.51
20250116T021835.0001.fits
SecZ=1.32
Focus=-6.033
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.891 -6.049 -4.160
T123=6.3 6.8 7.8
ALT/AZ=49.1 -145.4
fwAVG=2.80
sdW=114.6
fwW=2.53
sdS=120.4
fwS=2.98
0 0 0 0 0 0 0 0 0


sdN=190.6
fwN=2.56
sdE=522.2
fwE=2.61
20250116T021906.0001.fits
SecZ=1.32
Focus=-6.033
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.891 -6.049 -4.160
T123=6.3 6.8 7.7
ALT/AZ=49.1 -145.2
fwAVG=2.55
sdW=126.3
fwW=2.42
sdS=107.4
fwS=2.61
0 0 0 0 0 0 0 0 0


sdN=141.2
fwN=2.71
sdE=301.2
fwE=2.63
20250116T022045.0001.fits
SecZ=1.28
Focus=-6.033
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.891 -6.049 -4.160
T123=6.3 6.8 7.8
ALT/AZ=51.5 -145.9
fwAVG=2.59
sdW=97.2
fwW=2.50
sdS=470.4
fwS=2.51
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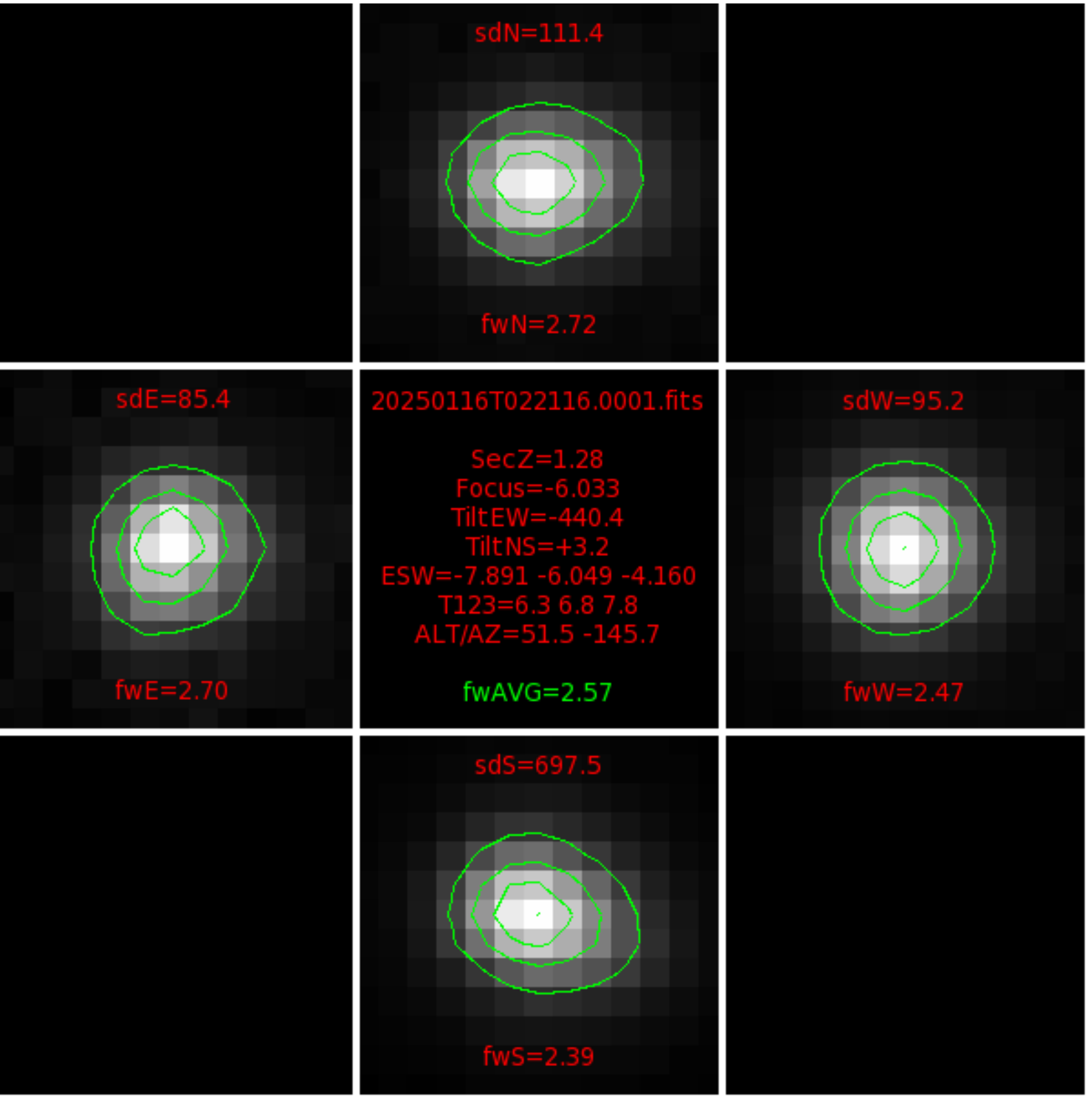
sdN=111.4
fwN=2.72
sdE=85.4
fwE=2.70
20250116T022116.0001.fits
SecZ=1.28
Focus=-6.033
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.891 -6.049 -4.160
T123=6.3 6.8 7.8
ALT/AZ=51.5 -145.7
fwAVG=2.57
sdW=95.2
fwW=2.47
sdS=697.5
fwS=2.39
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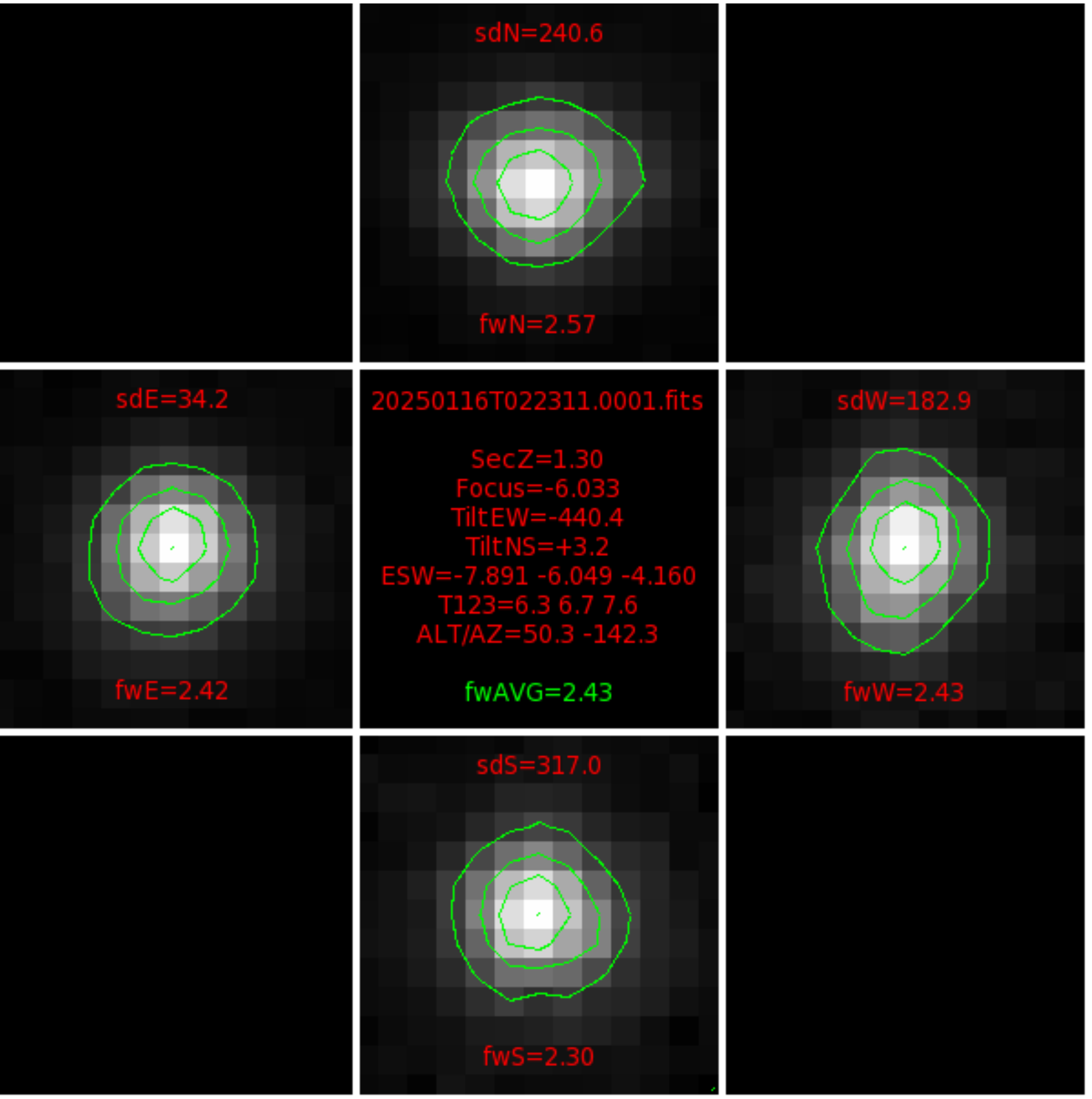
sdN=240.6
fwN=2.57
sdE=34.2
fwE=2.42
20250116T022311.0001.fits
SecZ=1.30
Focus=-6.033
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.891 -6.049 -4.160
T123=6.3 6.7 7.6
ALT/AZ=50.3 -142.3
fwAVG=2.43
sdW=182.9
fwW=2.43
sdS=317.0
fwS=2.30
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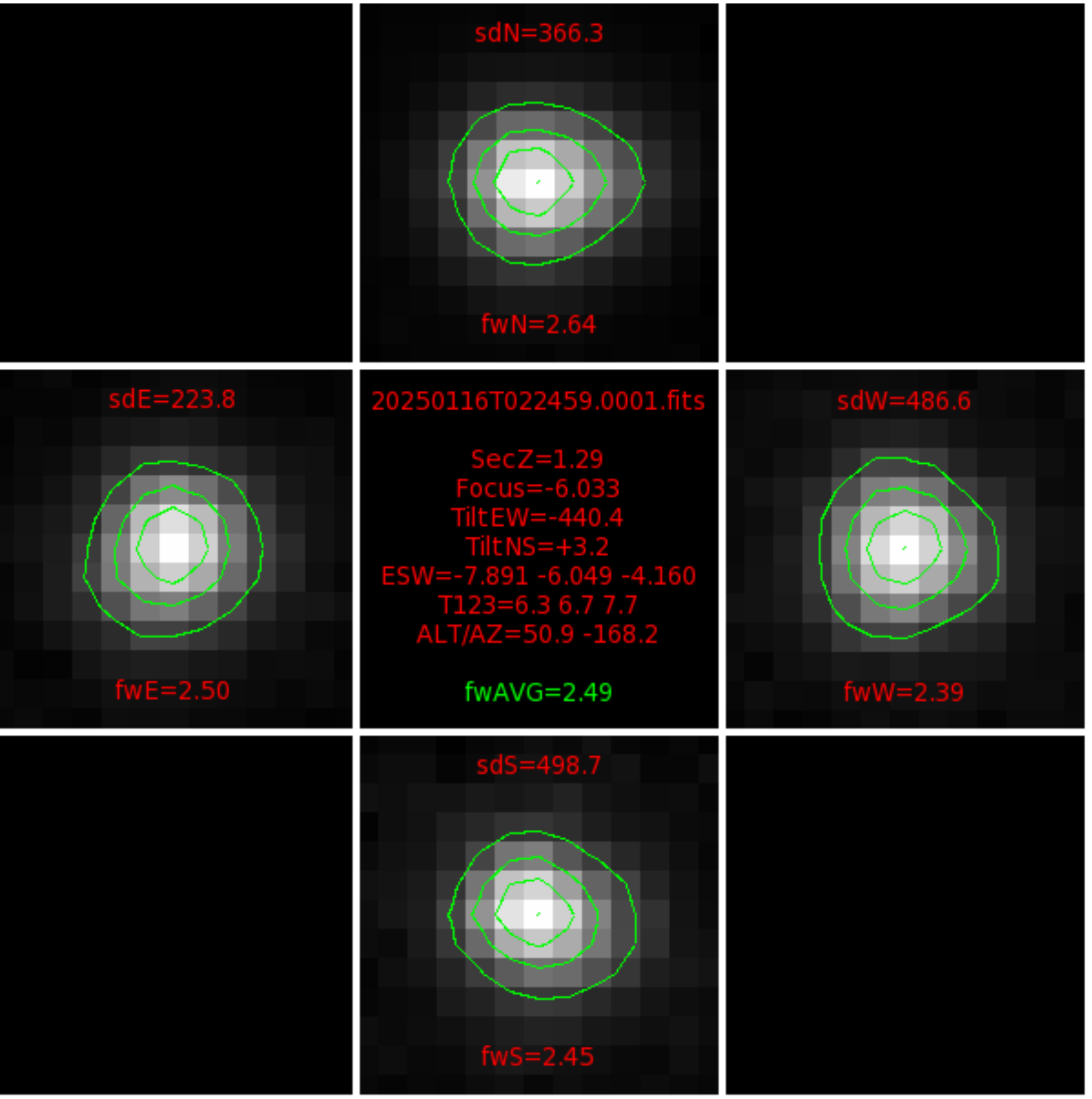
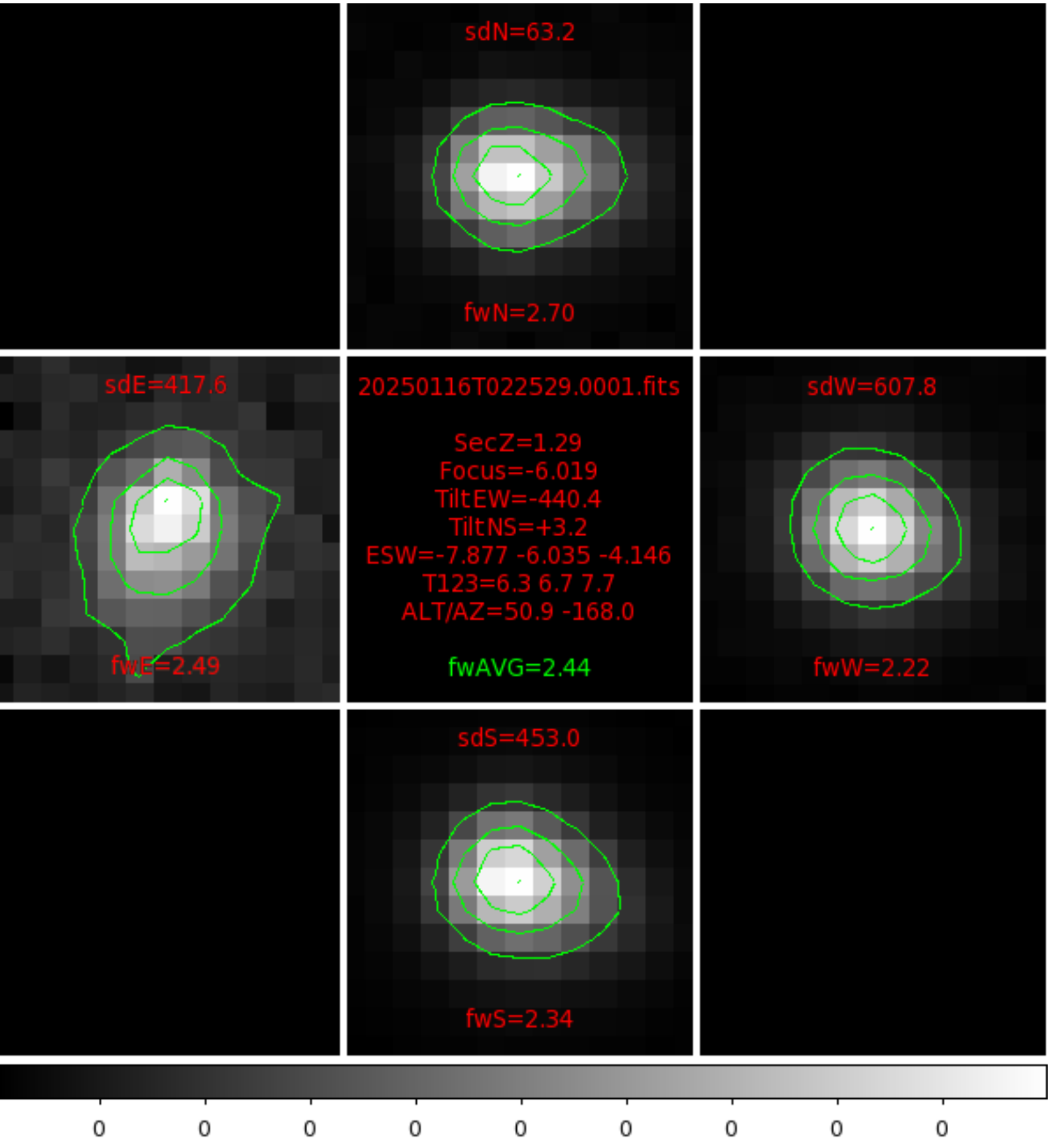

sdN=366.3
fwN=2.64
sdE=223.8
fwE=2.50
20250116T022459.0001.fits
SecZ=1.29
Focus=-6.033
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.891 -6.049 -4.160
T123=6.3 6.7 7.7
ALT/AZ=50.9 -168.2
fwAVG=2.49
sdW=486.6
fwW=2.39
sdS=498.7
fwS=2.45
0 0 0 0 0 0 0 0 0


sdN=63.2
fwN=2.70
sdE=417.6
fwE=2.49
20250116T022529.0001.fits
SecZ=1.29
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.7 7.7
ALT/AZ=50.9 -168.0
fwAVG=2.44
sdW=607.8
fwW=2.22
sdS=453.0
fwS=2.34
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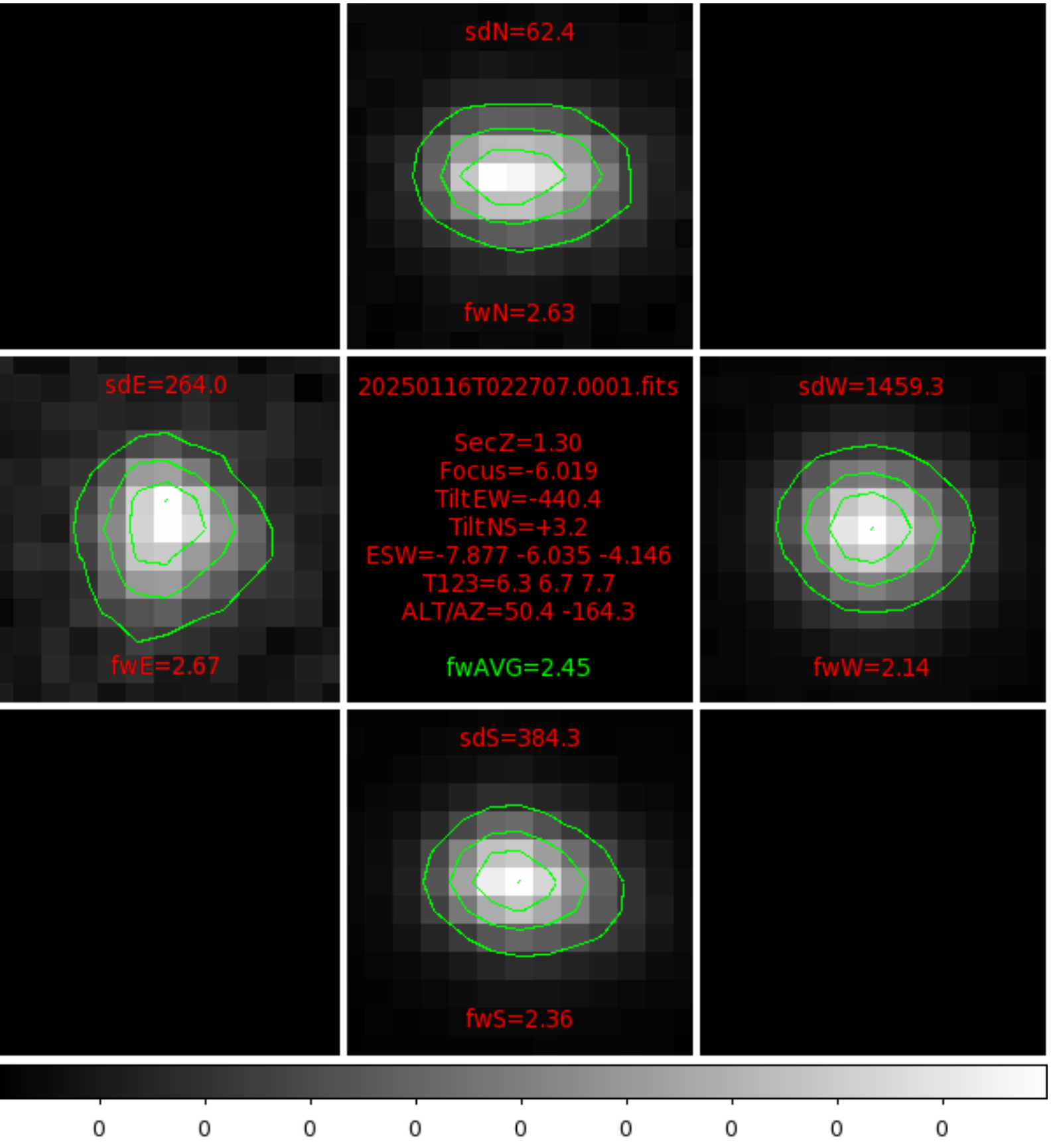
sdN=62.4
fwN=2.63
sdE=264.0
fwE=2.67
20250116T022707.0001.fits
SecZ=1.30
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.7 7.7
ALT/AZ=50.4 -164.3
fwAVG=2.45
sdW=1459.3
fwW=2.14
sdS=384.3
fwS=2.36
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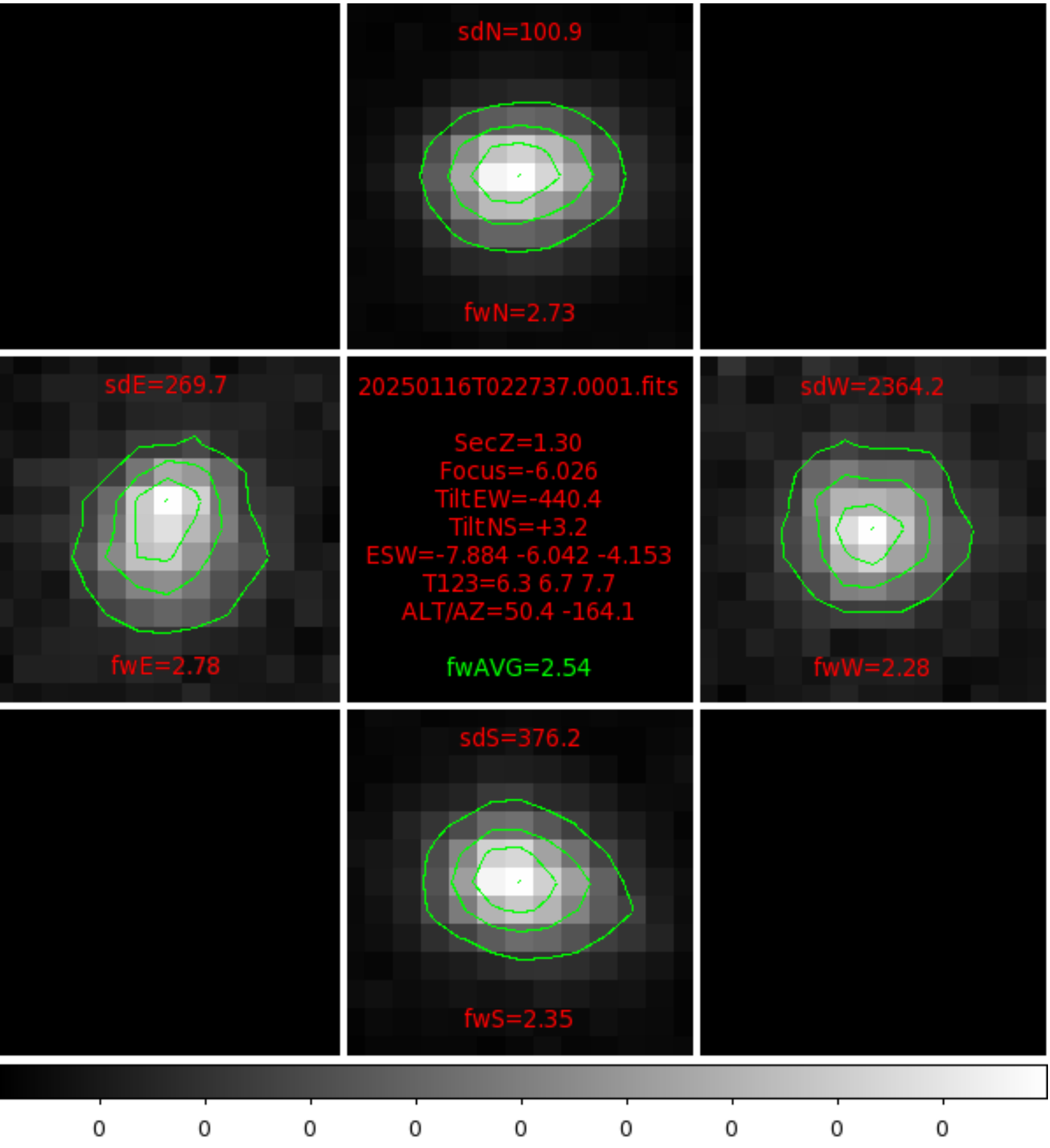
sdN=100.9
fwN=2.73
sdE=269.7
fwE=2.78
20250116T022737.0001.fits
SecZ=1.30
Focus=-6.026
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.884 -6.042 -4.153
T123=6.3 6.7 7.7
ALT/AZ=50.4 -164.1
fwAVG=2.54
sdW=2364.2
fwW=2.28
sdS=376.2
fwS=2.35
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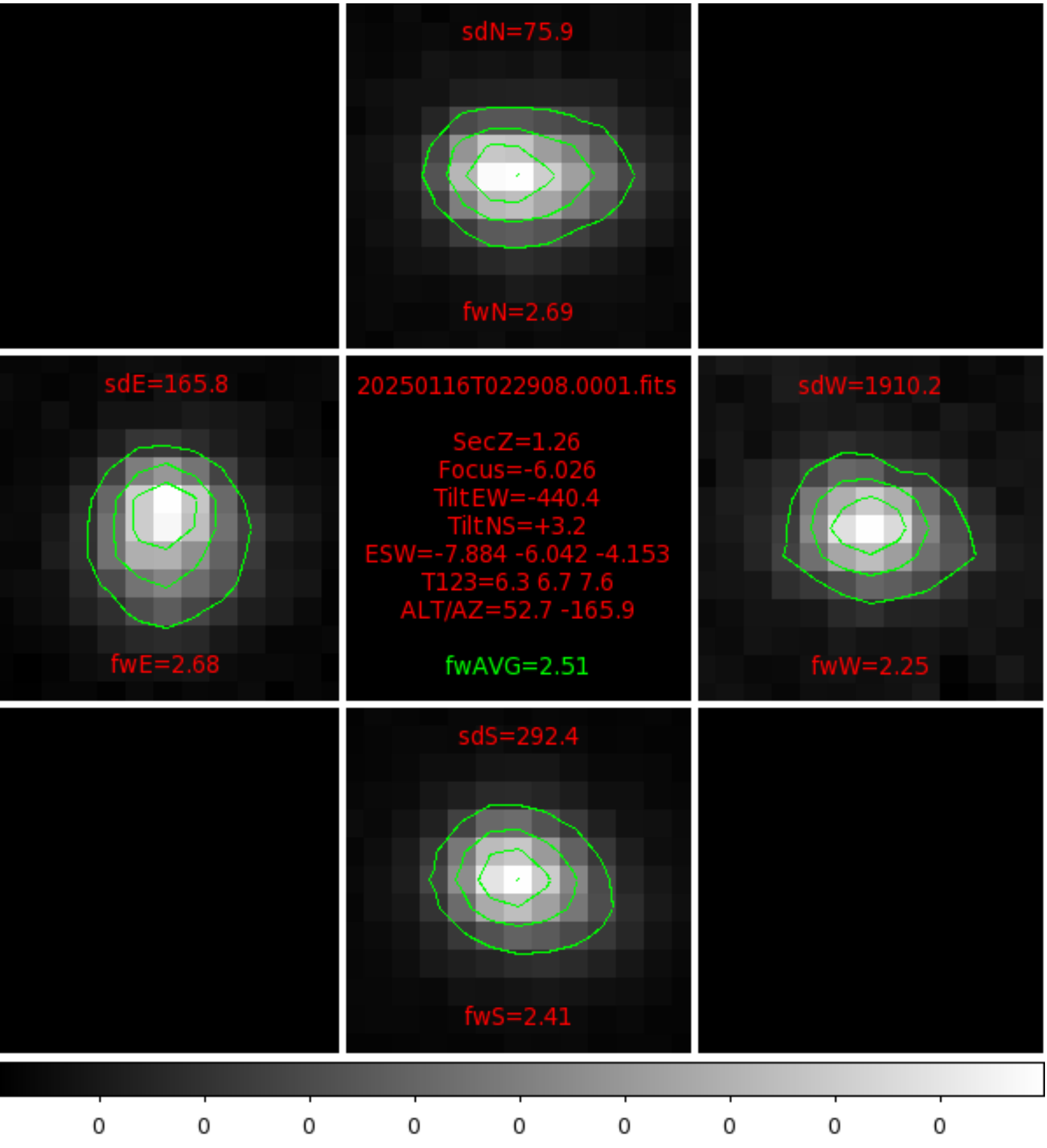
sdN=75.9
fwN=2.69
sdE=165.8
fwE=2.68
20250116T022908.0001.fits
SecZ=1.26
Focus=-6.026
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.884 -6.042 -4.153
T123=6.3 6.7 7.6
ALT/AZ=52.7 -165.9
fwAVG=2.51
sdW=1910.2
fwW=2.25
sdS=292.4
fwS=2.41
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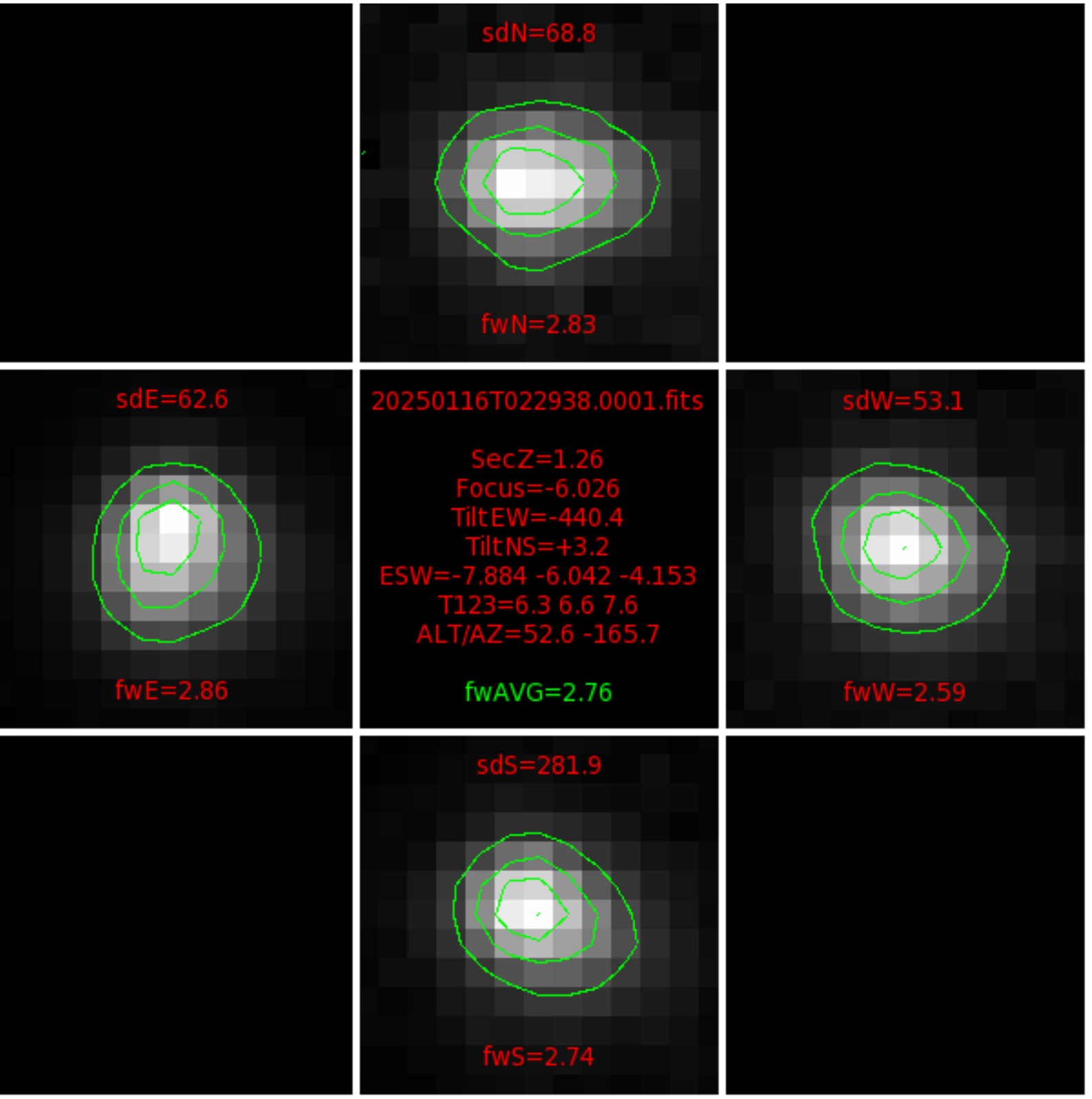
sdN=68.8
fwN=2.83
sdE=62.6
fwE=2.86
20250116T022938.0001.fits
SecZ=1.26
Focus=-6.026
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.884 -6.042 -4.153
T123=6.3 6.6 7.6
ALT/AZ=52.6 -165.7
fwAVG=2.76
sdW=53.1
fwW=2.59
sdS=281.9
fwS=2.74
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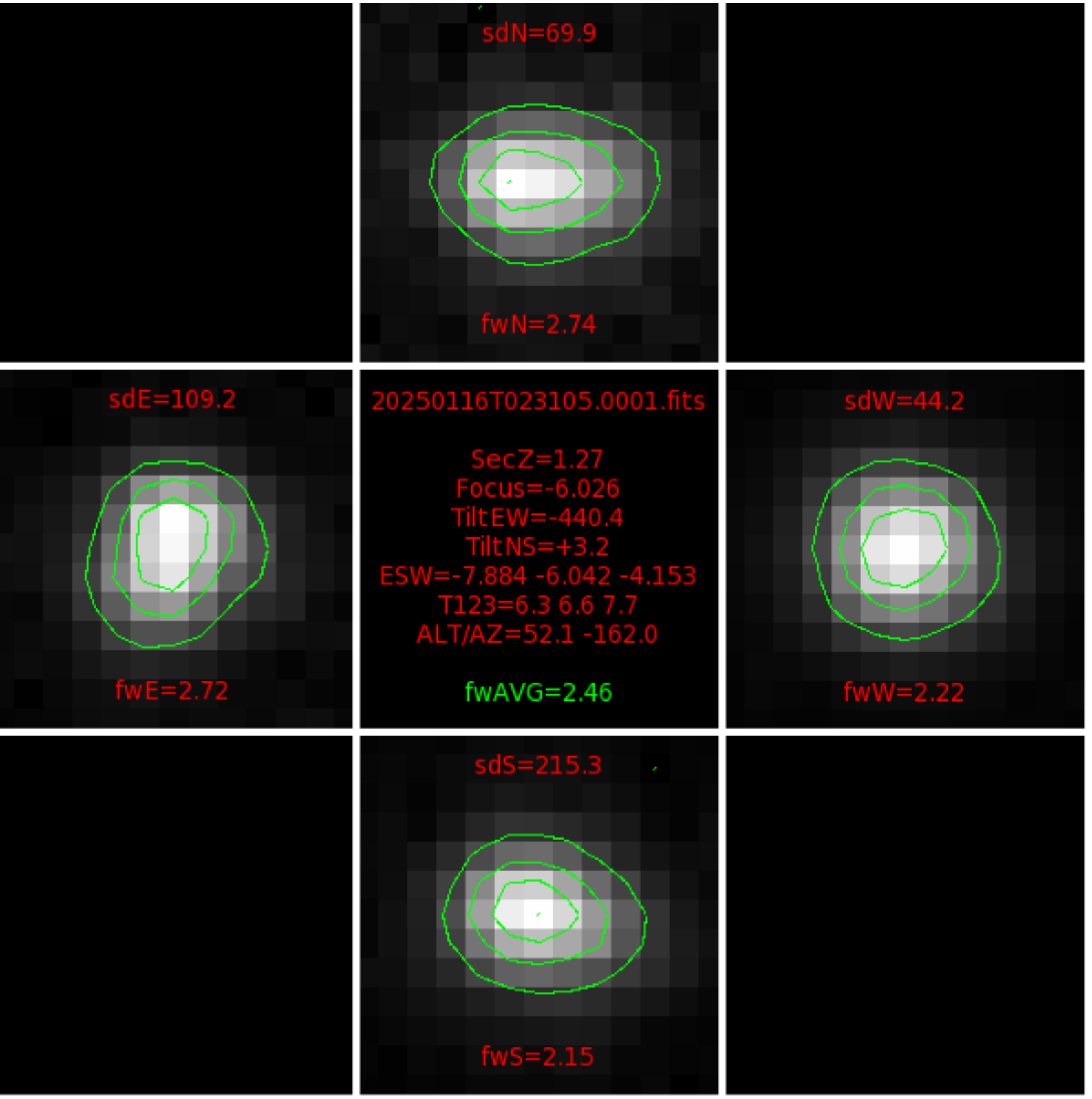
sdN=69.9
fwN=2.74
sdE=109.2
fwE=2.72
20250116T023105.0001.fits
SecZ=1.27
Focus=-6.026
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.884 -6.042 -4.153
T123=6.3 6.6 7.7
ALT/AZ=52.1 -162.0
fwAVG=2.46
sdW=44.2
fwW=2.22
sdS=215.3
fwS=2.15
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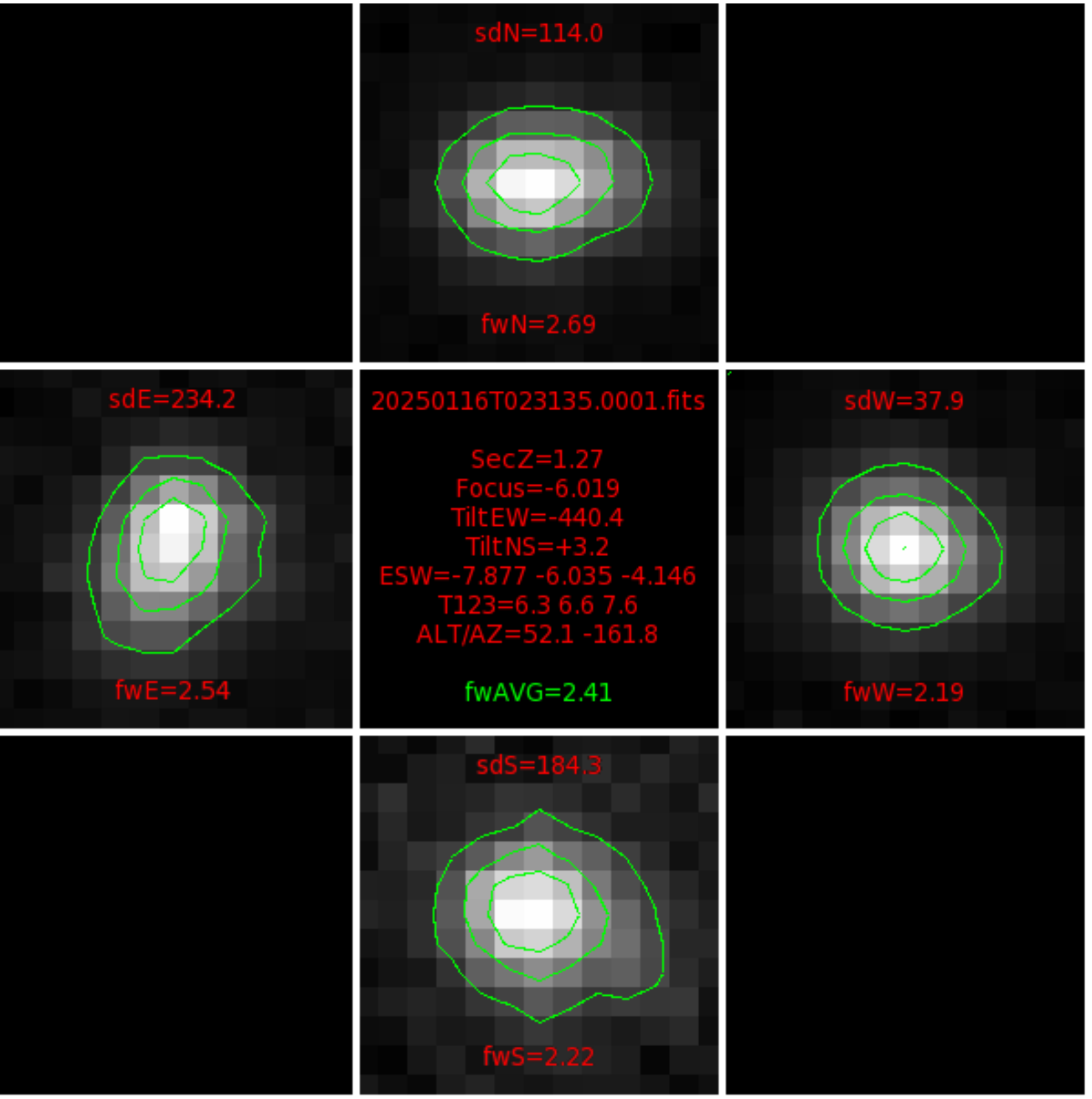
sdN=114.0
fwN=2.69
sdE=234.2
fwE=2.54
20250116T023135.0001.fits
SecZ=1.27
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.6 7.6
ALT/AZ=52.1 -161.8
fwAVG=2.41
sdW=37.9
fwW=2.19
sdS=184.3
fwS=2.22
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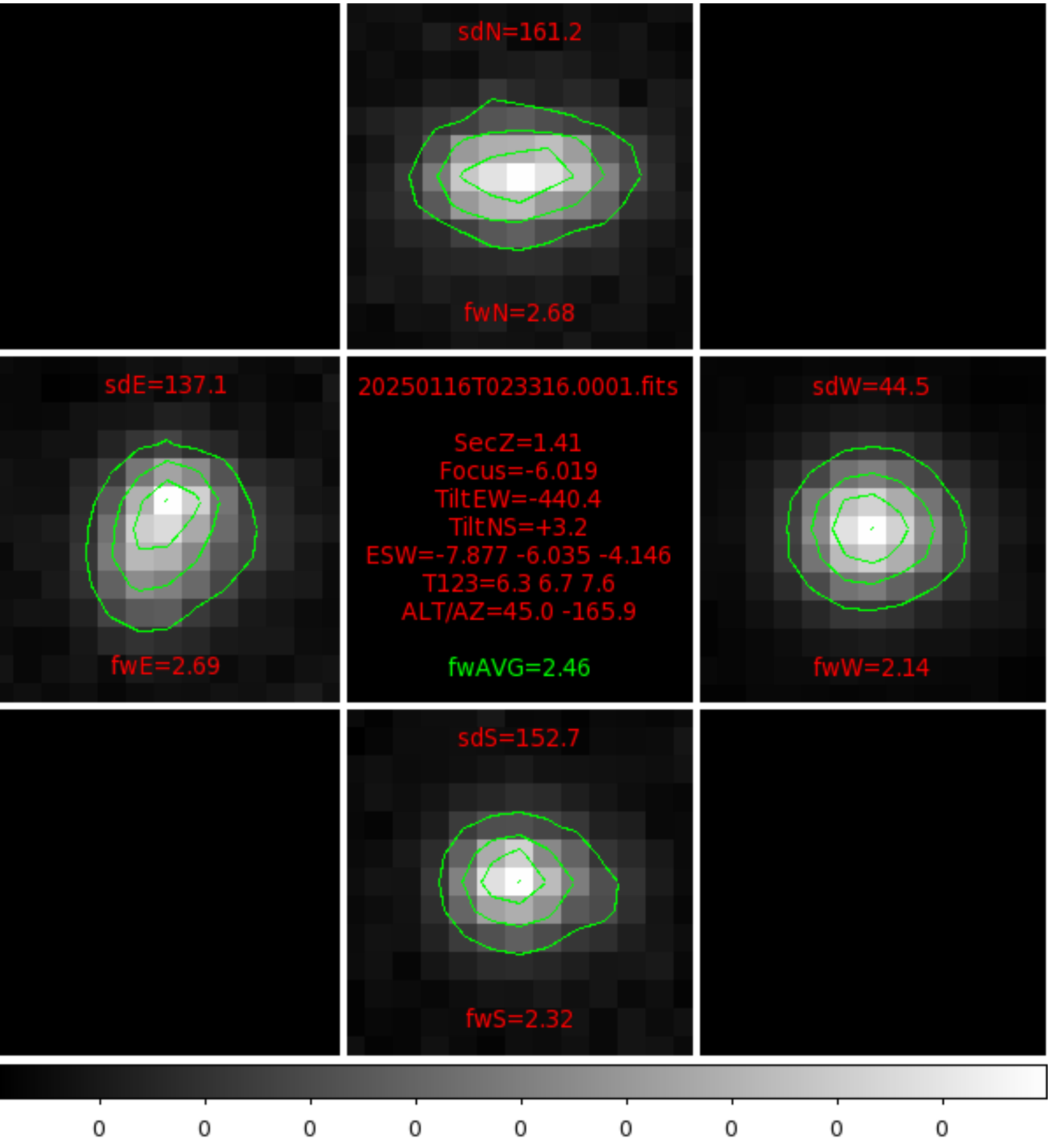
sdN=161.2
fwN=2.68
sdE=137.1
fwE=2.69
20250116T023316.0001.fits
SecZ=1.41
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.7 7.6
ALT/AZ=45.0 -165.9
fwAVG=2.46
sdW=44.5
fwW=2.14
sdS=152.7
fwS=2.32
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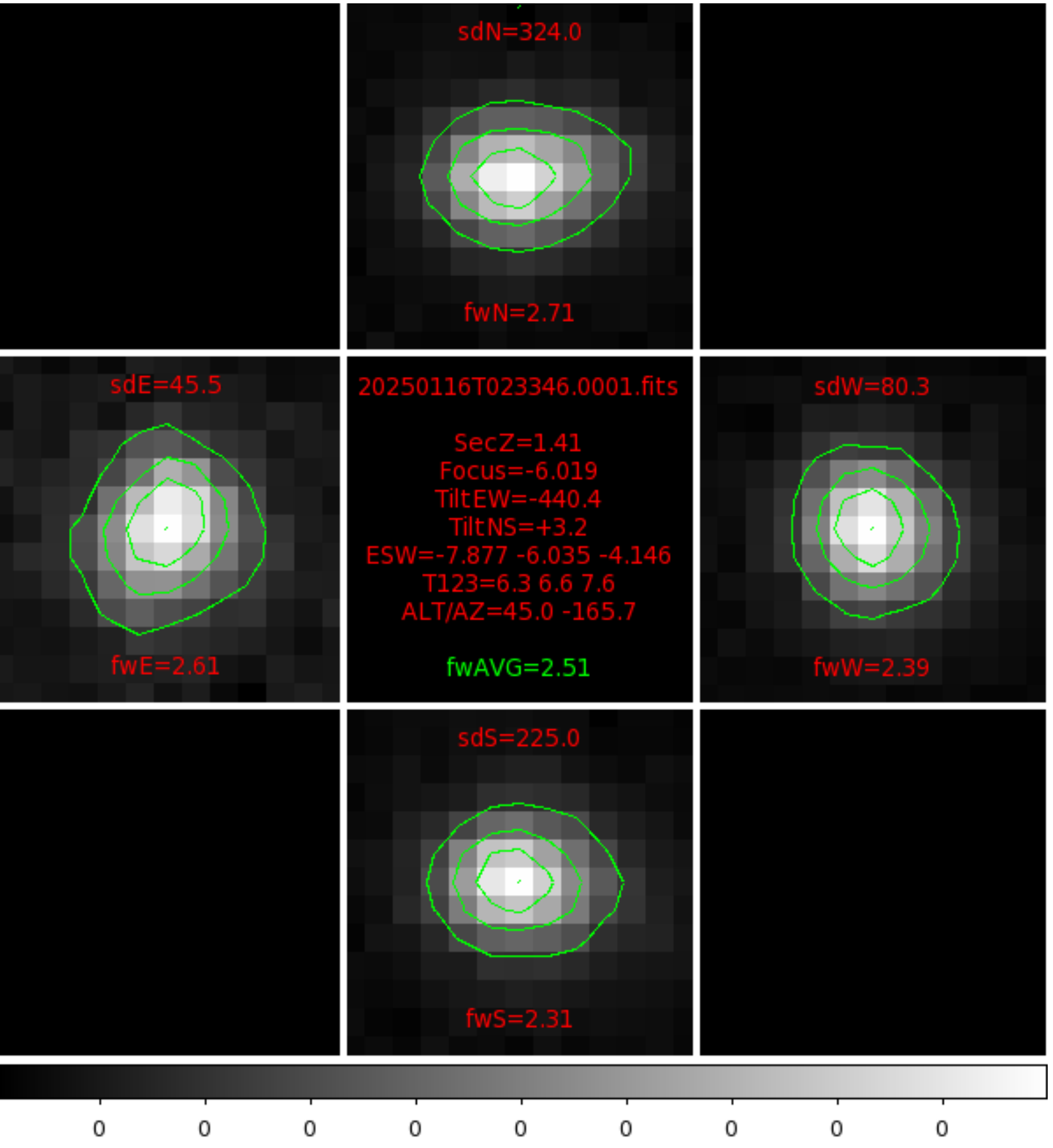
sdN=324.0
fwN=2.71
sdE=45.5
fwE=2.61
20250116T023346.0001.fits
SecZ=1.41
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.6 7.6
ALT/AZ=45.0 -165.7
fwAVG=2.51
sdW=80.3
fwW=2.39
sdS=225.0
fwS=2.31
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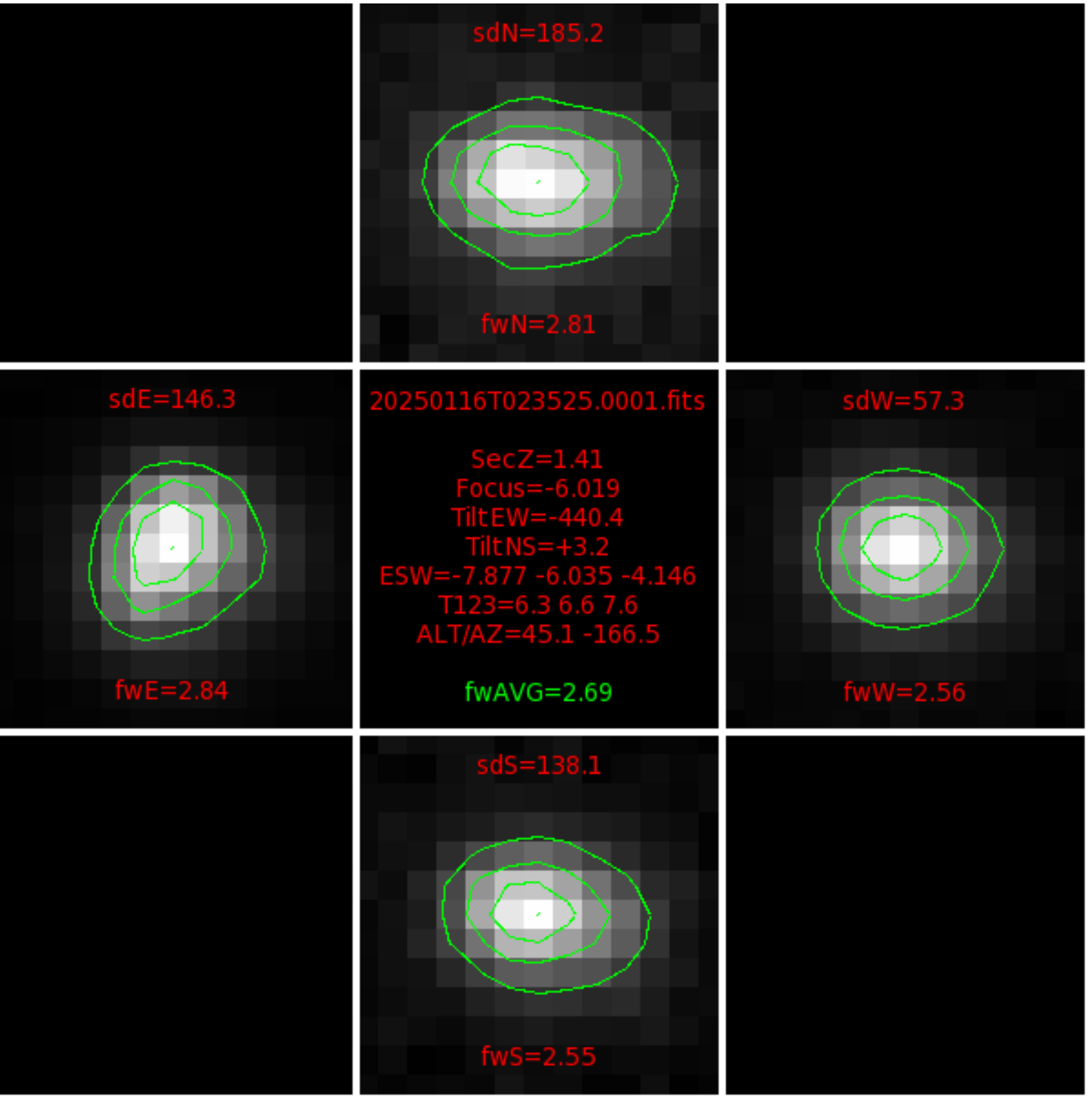
sdN=185.2
fwN=2.81
sdE=146.3
fwE=2.84
20250116T023525.0001.fits
SecZ=1.41
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.6 7.6
ALT/AZ=45.1 -166.5
fwAVG=2.69
sdW=57.3
fwW=2.56
sdS=138.1
fwS=2.55
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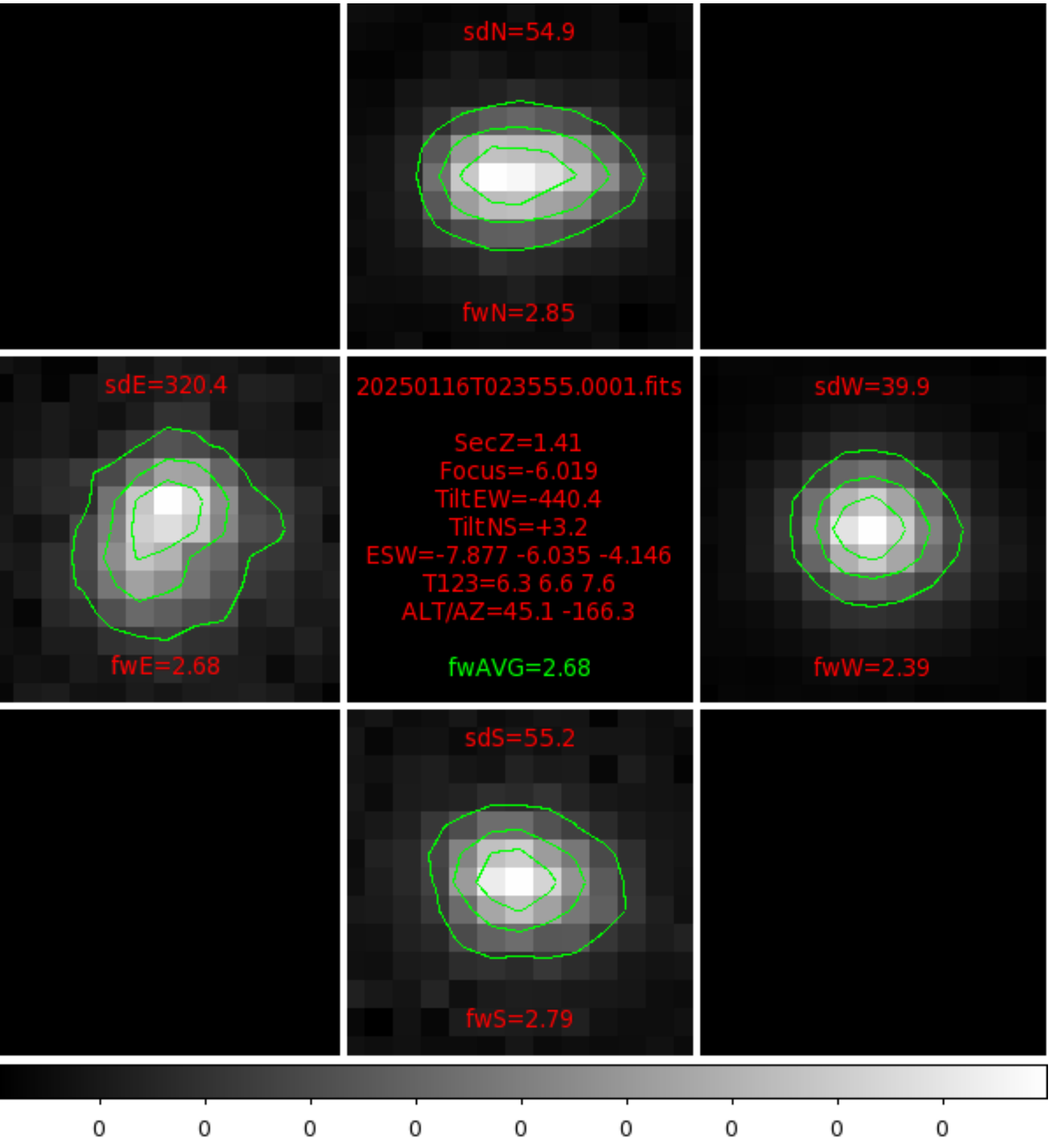
sdN=54.9
fwN=2.85
sdE=320.4
fwE=2.68
20250116T023555.0001.fits
SecZ=1.41
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.6 7.6
ALT/AZ=45.1 -166.3
fwAVG=2.68
sdW=39.9
fwW=2.39
sdS=55.2
fwS=2.79
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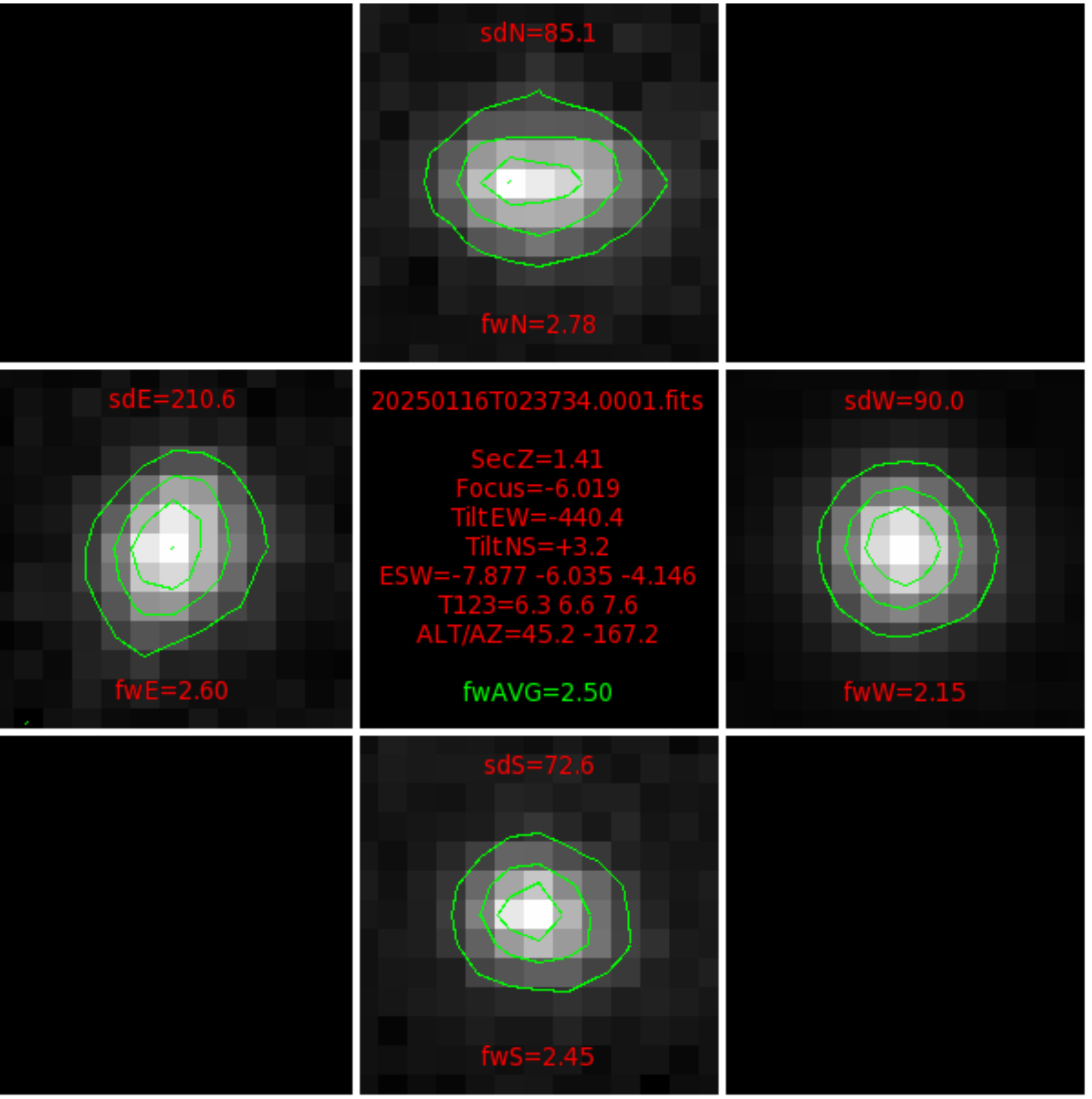
sdN=85.1
fwN=2.78
sdE=210.6
fwE=2.60
20250116T023734.0001.fits
SecZ=1.41
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.6 7.6
ALT/AZ=45.2 -167.2
fwAVG=2.50
sdW=90.0
fwW=2.15
sdS=72.6
fwS=2.45
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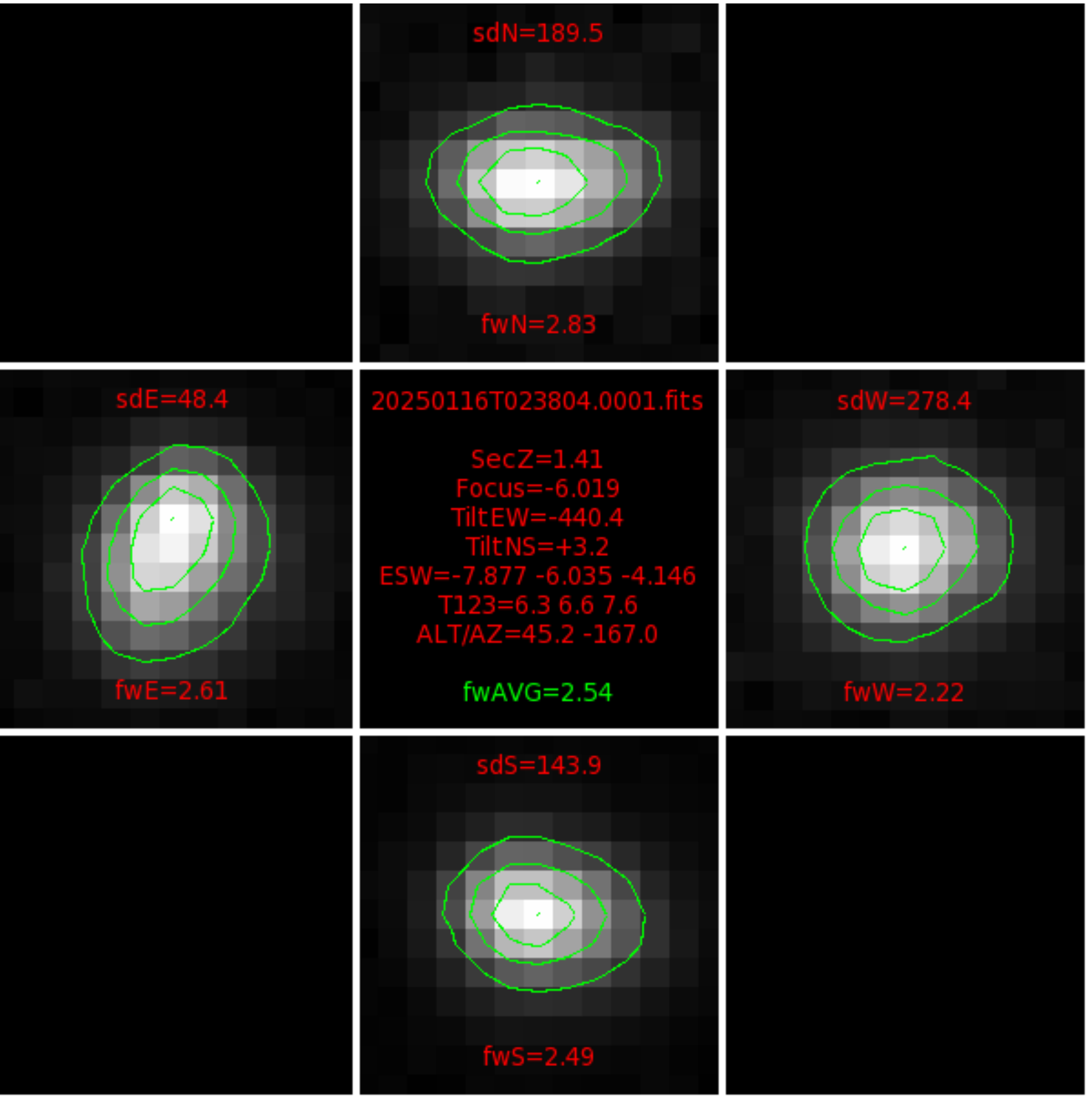
sdN=189.5
fwN=2.83
sdE=48.4
fwE=2.61
20250116T023804.0001.fits
SecZ=1.41
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.6 7.6
ALT/AZ=45.2 -167.0
fwAVG=2.54
sdW=278.4
fwW=2.22
sdS=143.9
fwS=2.49
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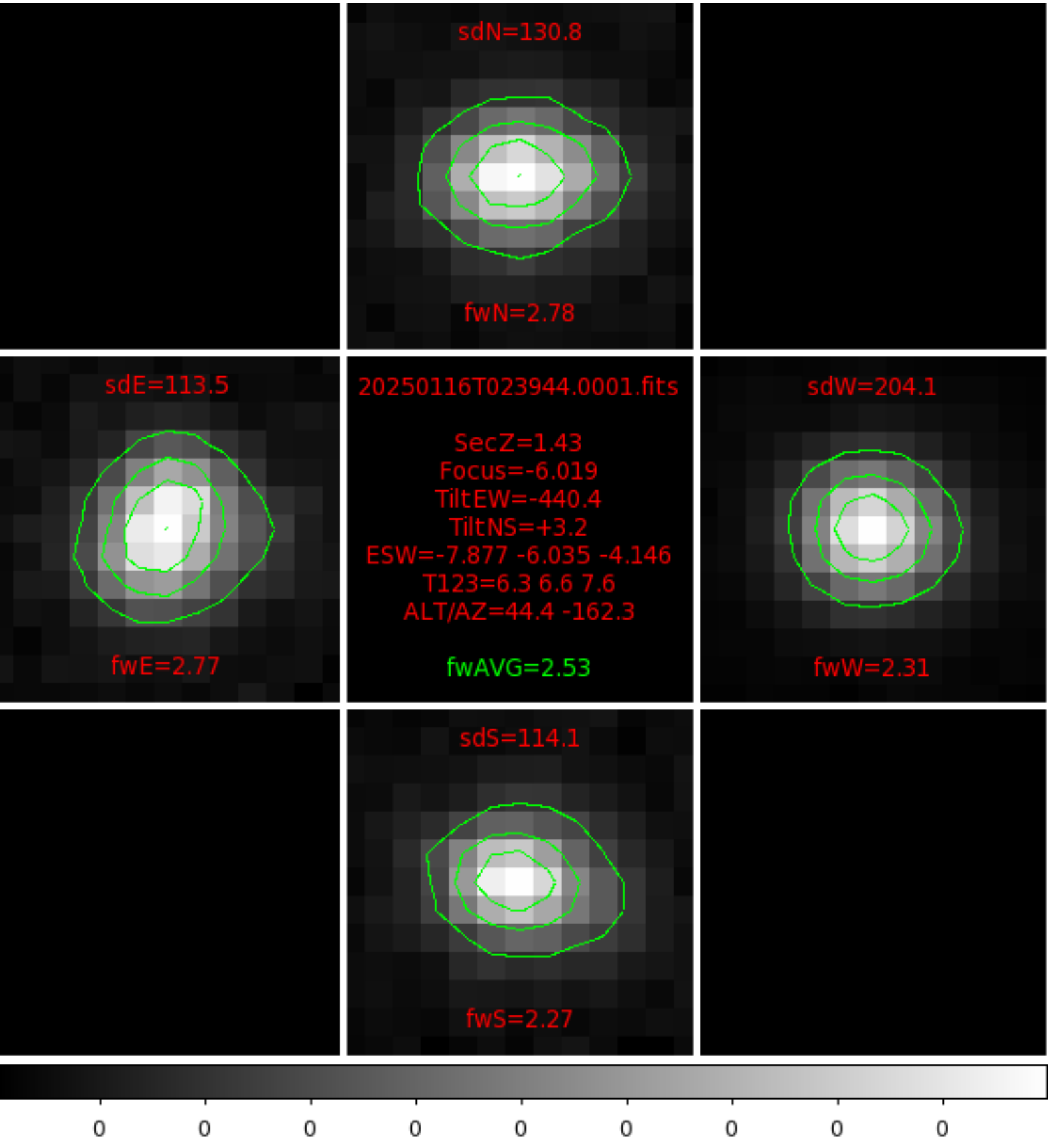
sdN=130.8
fwN=2.78
sdE=113.5
fwE=2.77
20250116T023944.0001.fits
SecZ=1.43
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.6 7.6
ALT/AZ=44.4 -162.3
fwAVG=2.53
sdW=204.1
fwW=2.31
sdS=114.1
fwS=2.27
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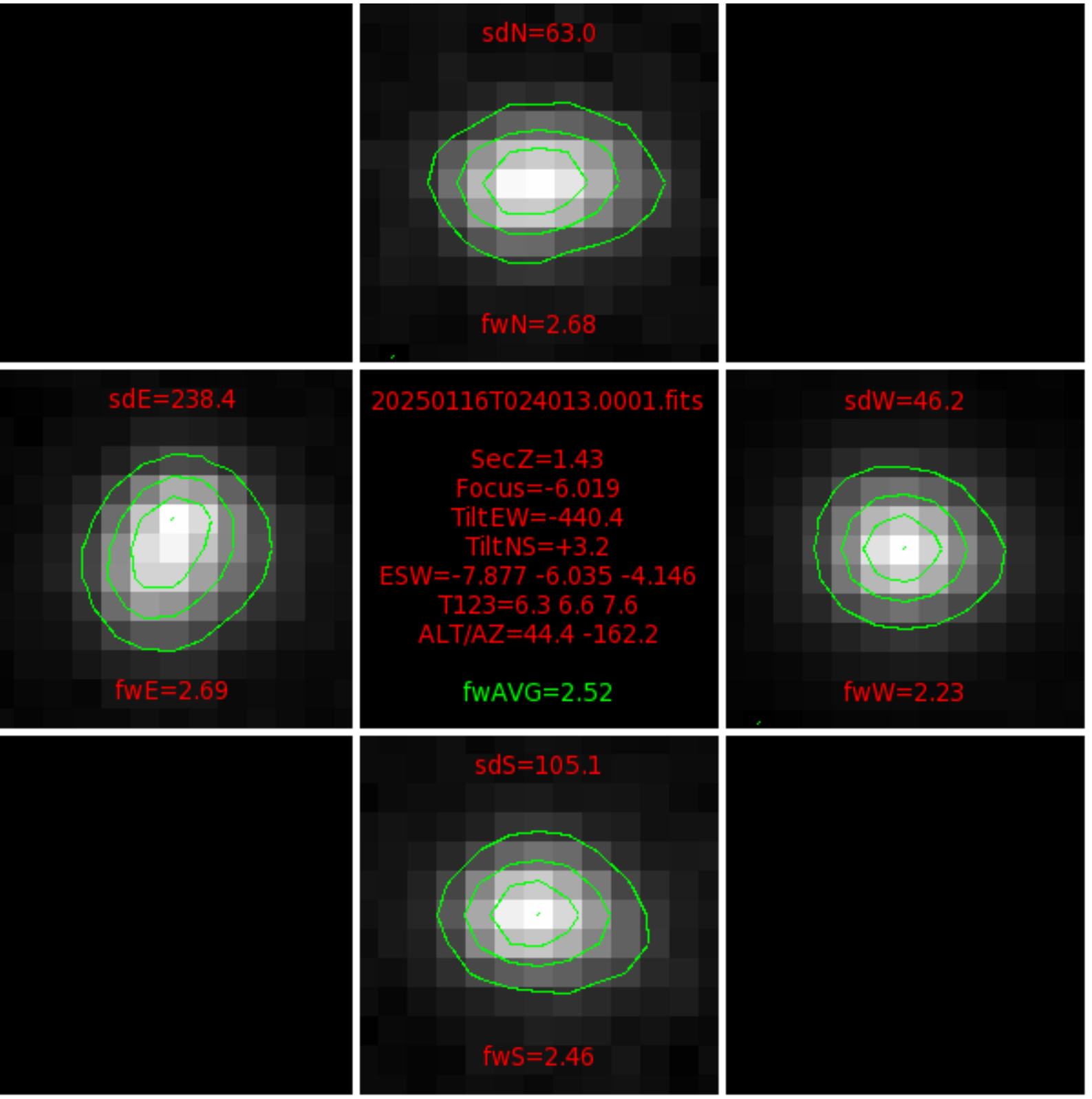
sdN=63.0
fwN=2.68
sdE=238.4
fwE=2.69
20250116T024013.0001.fits
SecZ=1.43
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.6 7.6
ALT/AZ=44.4 -162.2
fwAVG=2.52
sdW=46.2
fwW=2.23
sdS=105.1
fwS=2.46
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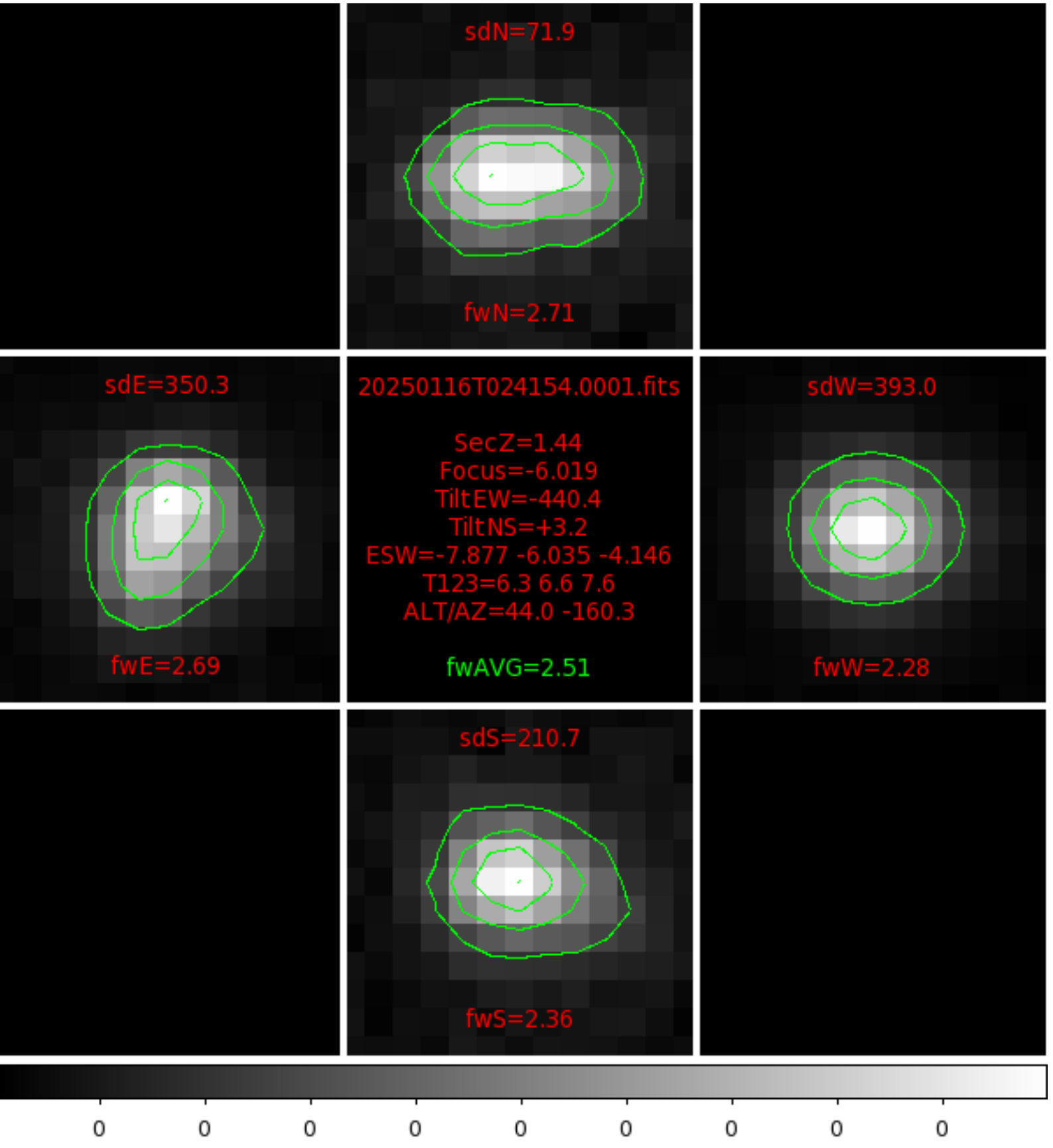
sdN=71.9
fwN=2.71
sdE=350.3
fwE=2.69
20250116T024154.0001.fits
SecZ=1.44
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.6 7.6
ALT/AZ=44.0 -160.3
fwAVG=2.51
sdW=393.0
fwW=2.28
sdS=210.7
fwS=2.36
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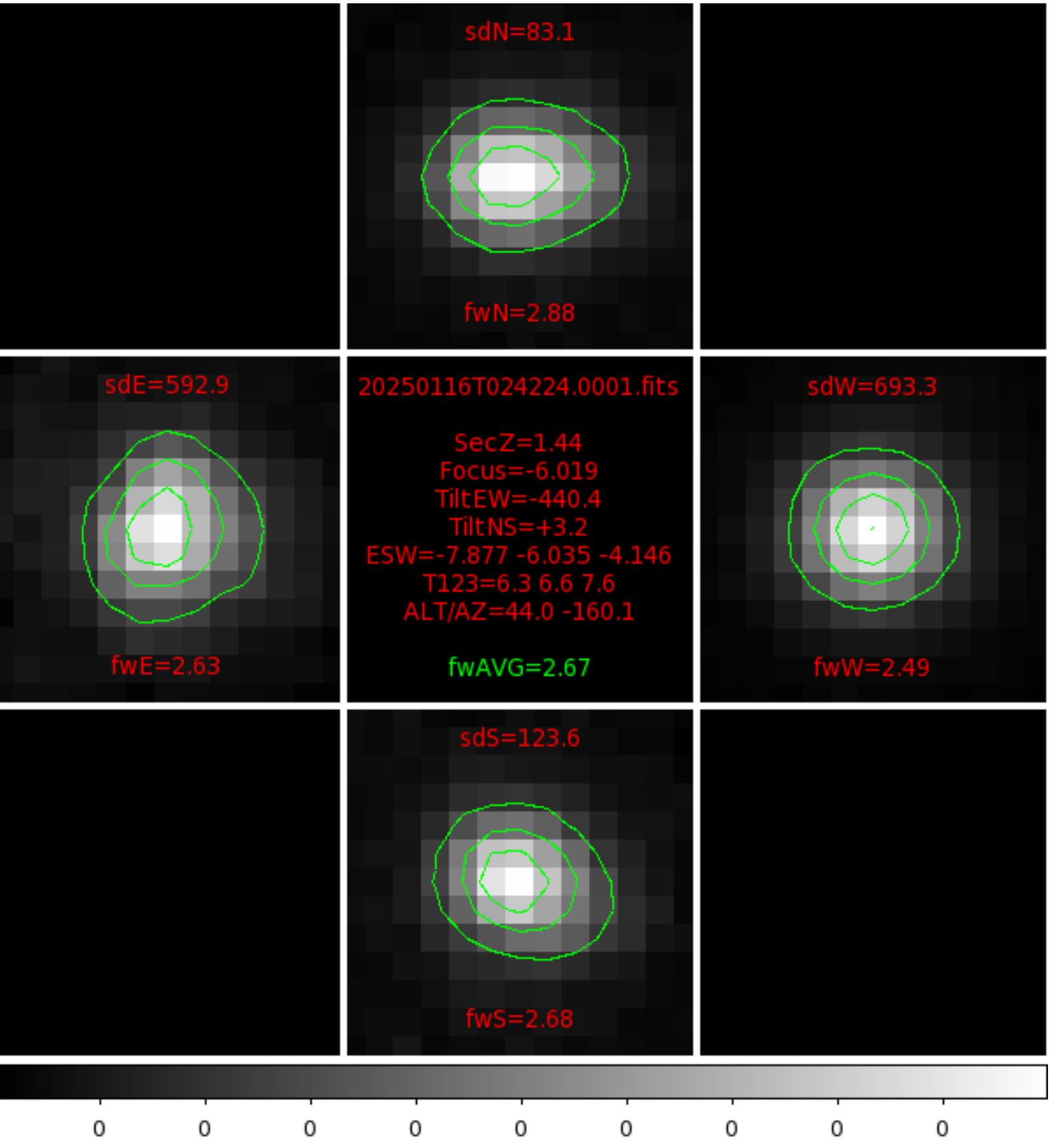
sdN=83.1
fwN=2.88
sdE=592.9
fwE=2.63
20250116T024224.0001.fits
SecZ=1.44
Focus=-6.019
TiltEW=-440.4
TiltNS=+3.2
ESW=-7.877 -6.035 -4.146
T123=6.3 6.6 7.6
ALT/AZ=44.0 -160.1
fwAVG=2.67
sdW=693.3
fwW=2.49
sdS=123.6
fwS=2.68
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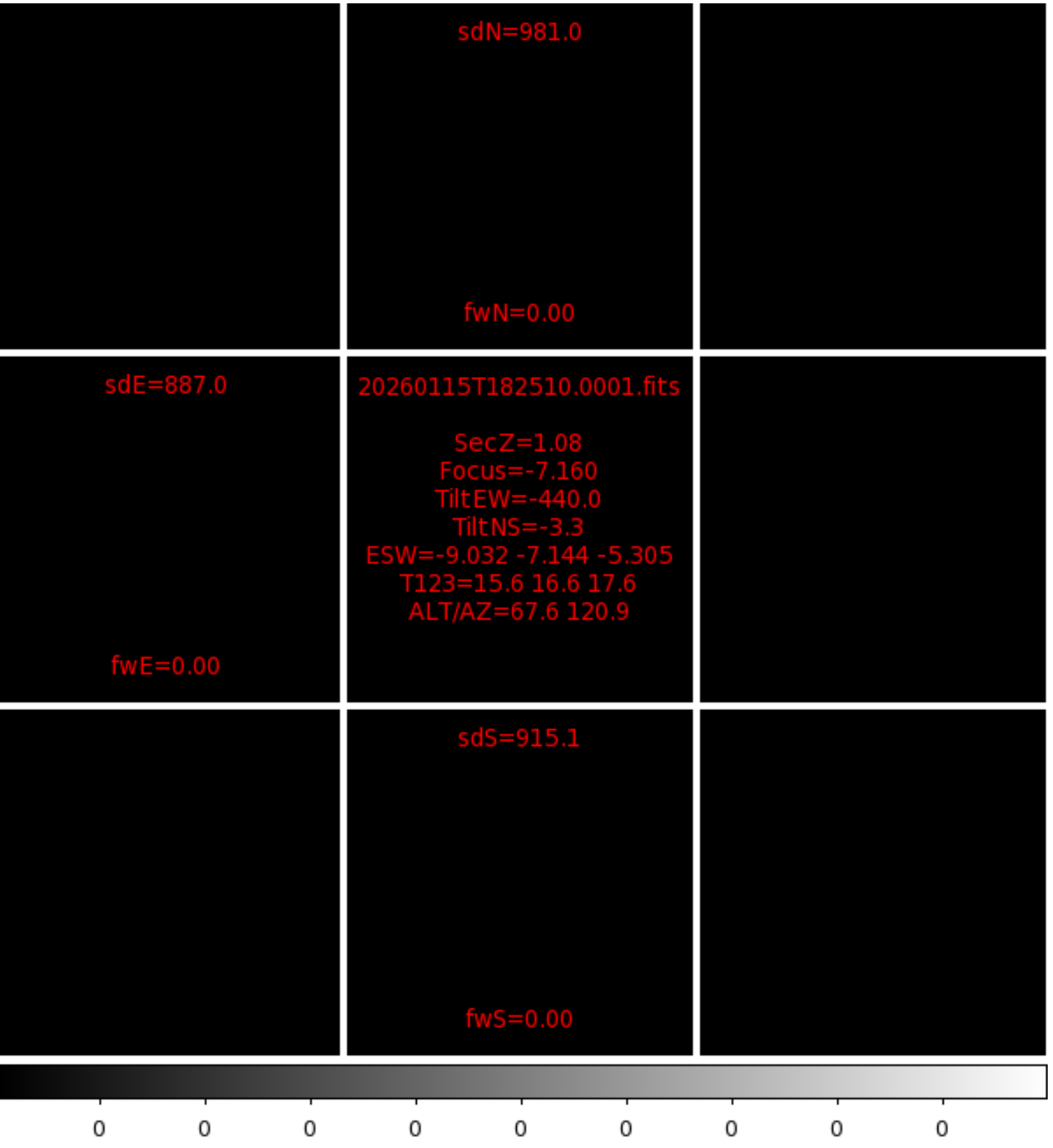
sdN=981.0
fwN=0.00
sdE=887.0
20260115T182510.0001.fits
SecZ=1.08
Focus=-7.160
TiltEW=-440.0
TiltNS=-3.3
ESW=-9.032 -7.144 -5.305
T123=15.6 16.6 17.6
ALT/AZ=67.6 120.9
fwE=0.00
sdS=915.1
fwS=0.00
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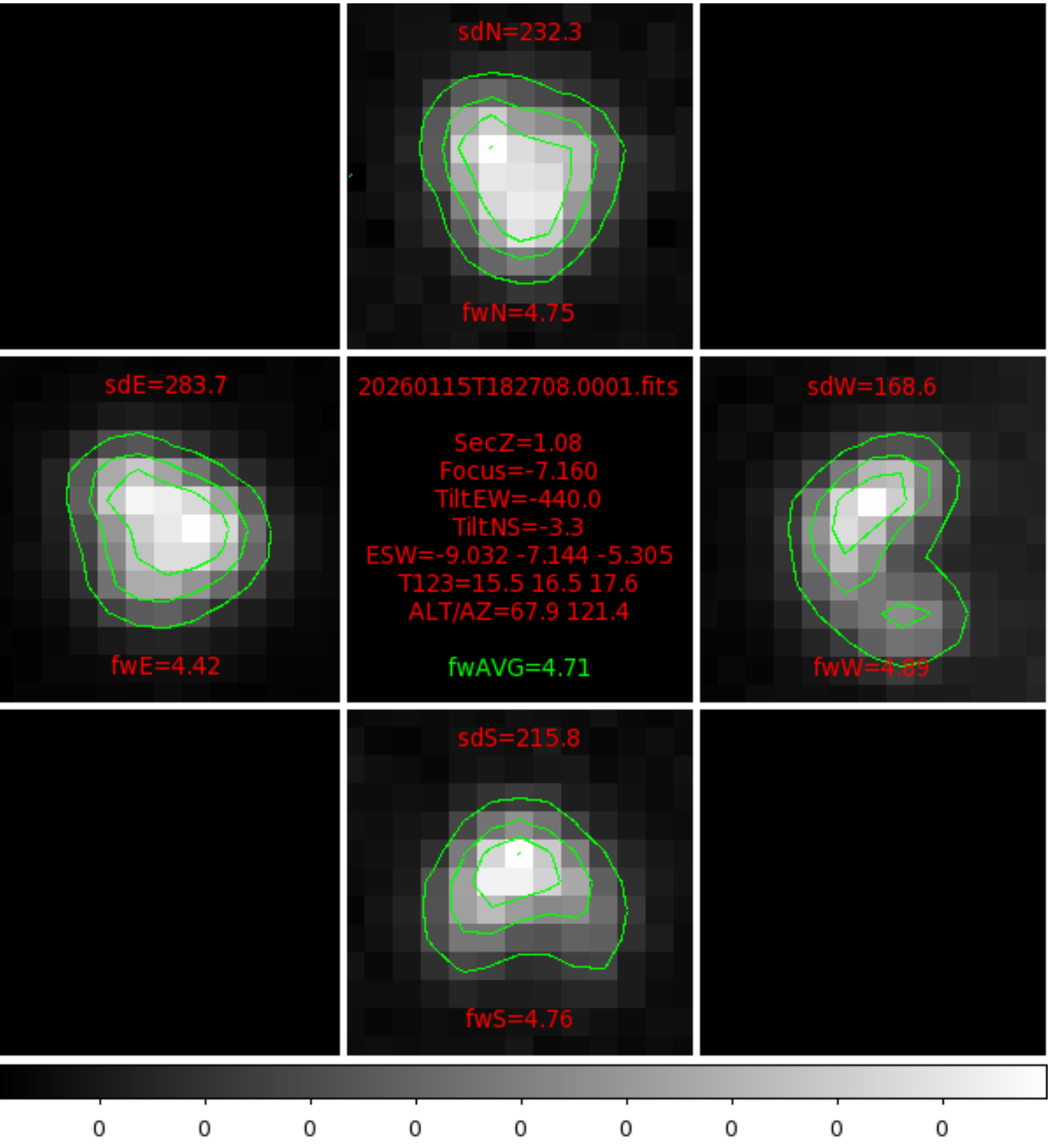
sdN=232.3
fwN=4.75
sdE=283.7
fwE=4.42
20260115T182708.0001.fits
SecZ=1.08
Focus=-7.160
TiltEW=-440.0
TiltNS=-3.3
ESW=-9.032 -7.144 -5.305
T123=15.5 16.5 17.6
ALT/AZ=67.9 121.4
fwAVG=4.71
sdW=168.6
fwW=4.89
sdS=215.8
fwS=4.76
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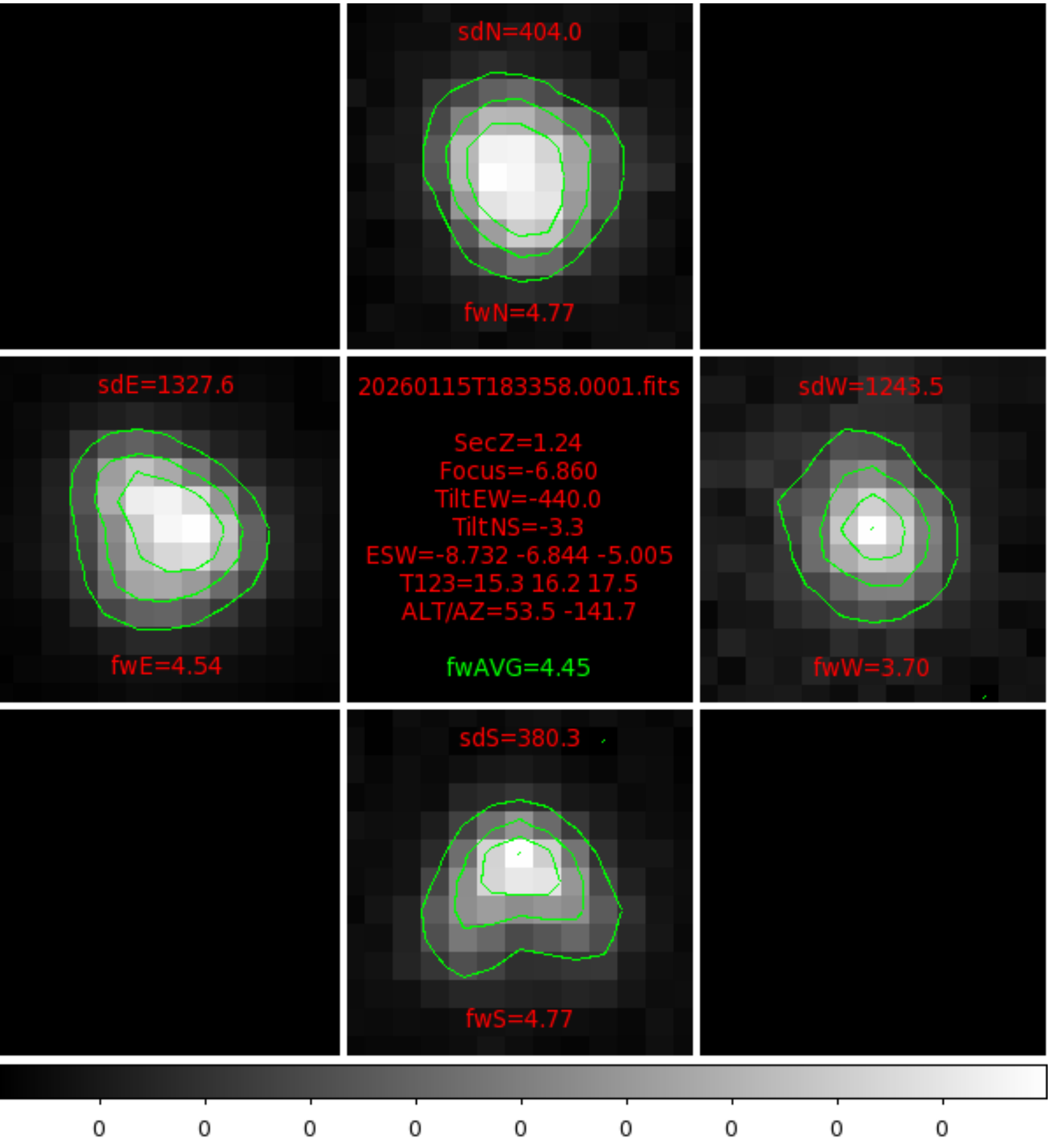
sdN=404.0
fwN=4.77
sdE=1327.6
fwE=4.54
20260115T183358.0001.fits
SecZ=1.24
Focus=-6.860
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.732 -6.844 -5.005
T123=15.3 16.2 17.5
ALT/AZ=53.5 -141.7
fwAVG=4.45
sdW=1243.5
fwW=3.70
sdS=380.3
fwS=4.77
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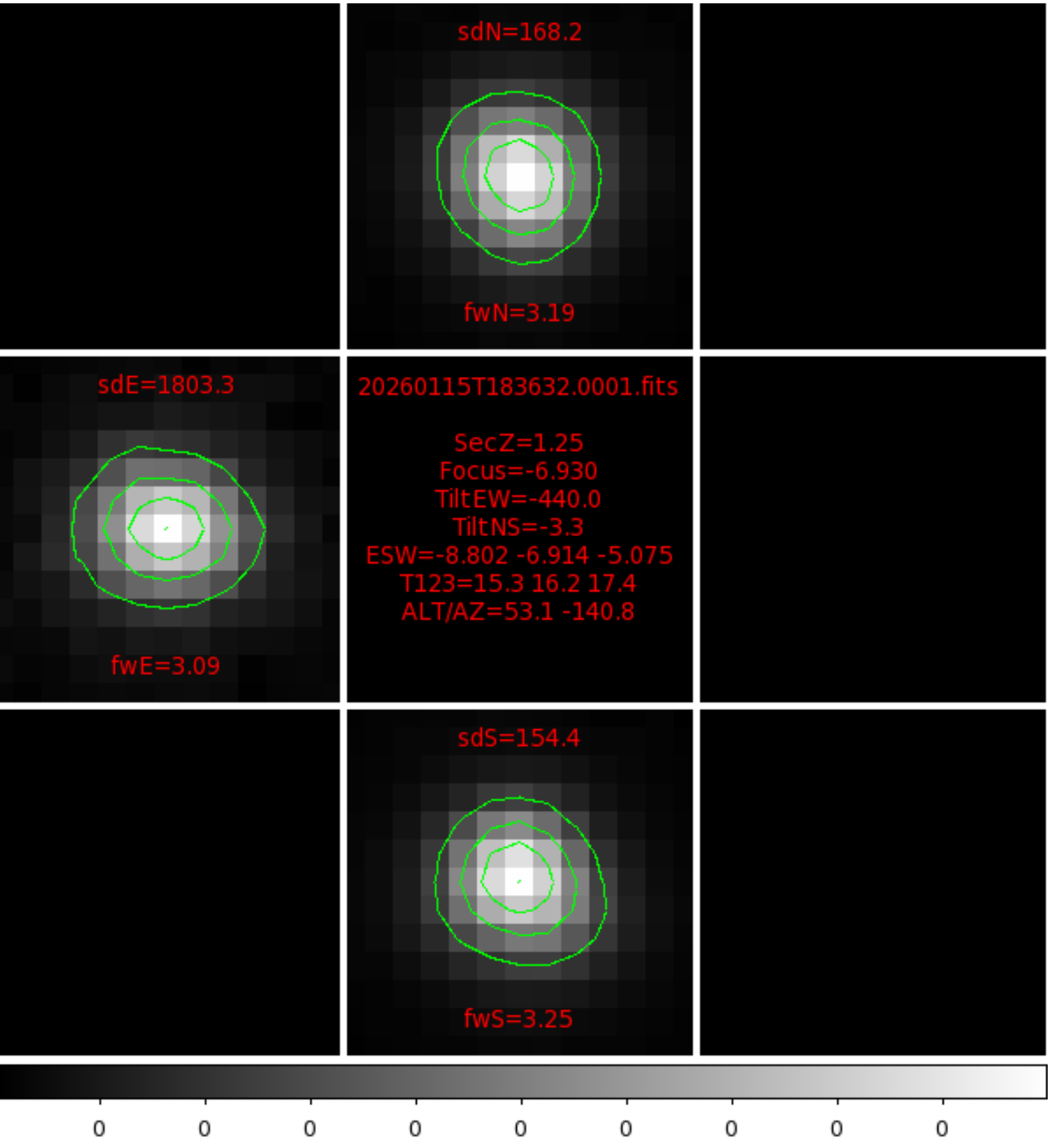
sdN=168.2
fwN=3.19
sdE=1803.3
fwE=3.09
20260115T183632.0001.fits
SecZ=1.25
Focus=-6.930
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.802 -6.914 -5.075
T123=15.3 16.2 17.4
ALT/AZ=53.1 -140.8
sdS=154.4
fwS=3.25
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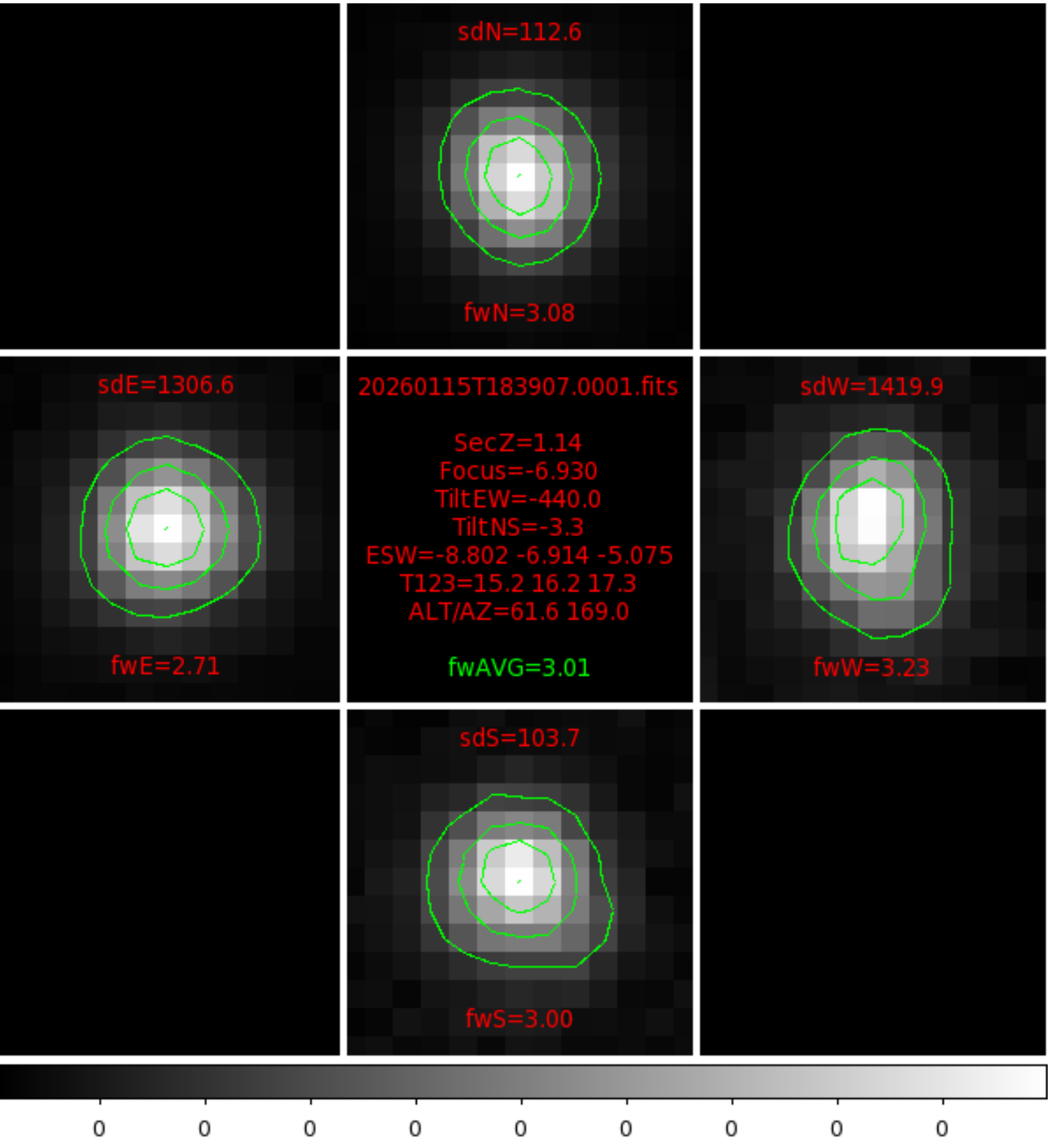
sdN=112.6
fwN=3.08
sdE=1306.6
fwE=2.71
20260115T183907.0001.fits
SecZ=1.14
Focus=-6.930
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.802 -6.914 -5.075
T123=15.2 16.2 17.3
ALT/AZ=61.6 169.0
fwAVG=3.01
sdW=1419.9
fwW=3.23
sdS=103.7
fwS=3.00
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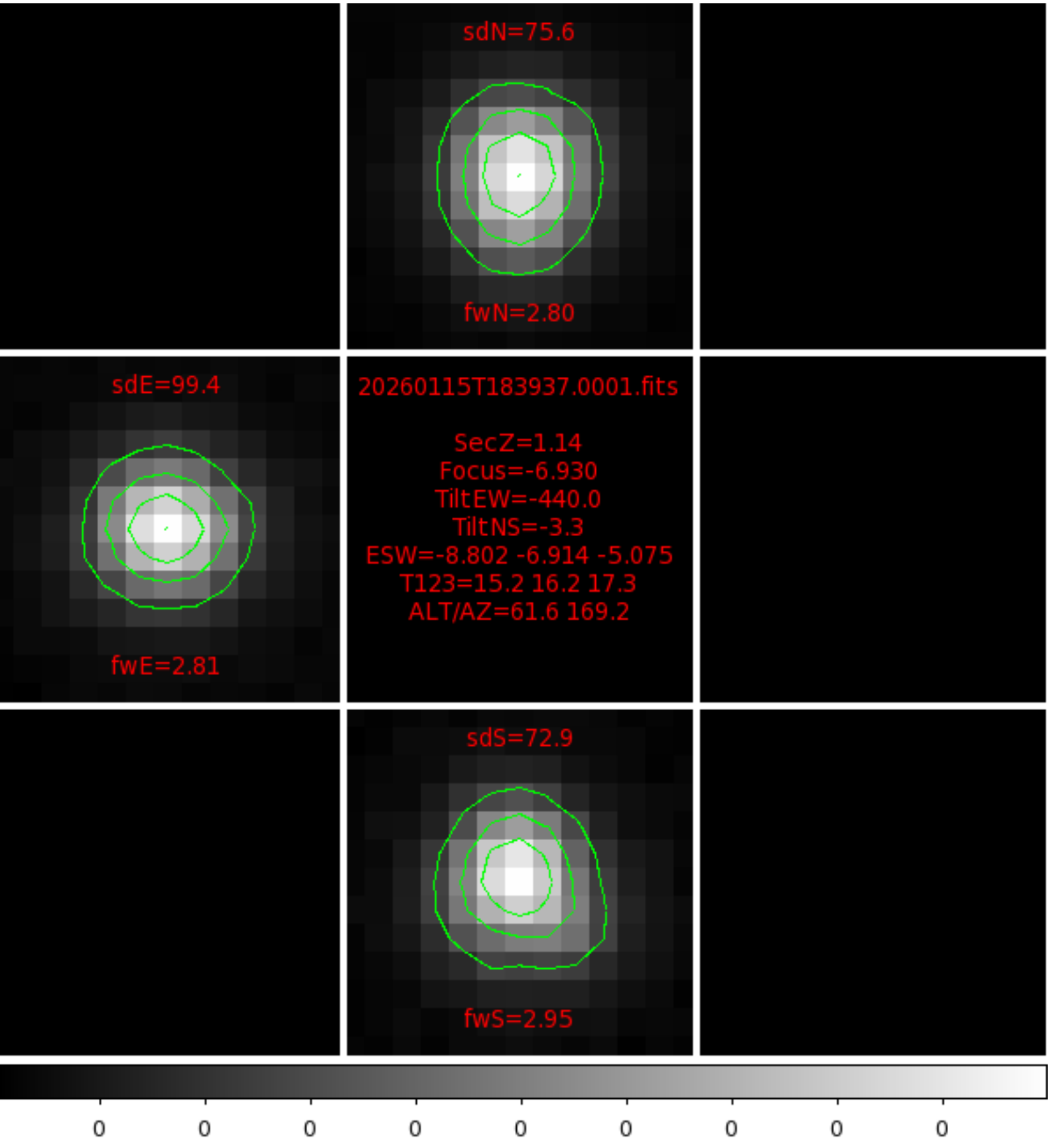
sdN=75.6
fwN=2.80
sdE=99.4
fwE=2.81
20260115T183937.0001.fits
SecZ=1.14
Focus=-6.930
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.802 -6.914 -5.075
T123=15.2 16.2 17.3
ALT/AZ=61.6 169.2
sdS=72.9
fwS=2.95
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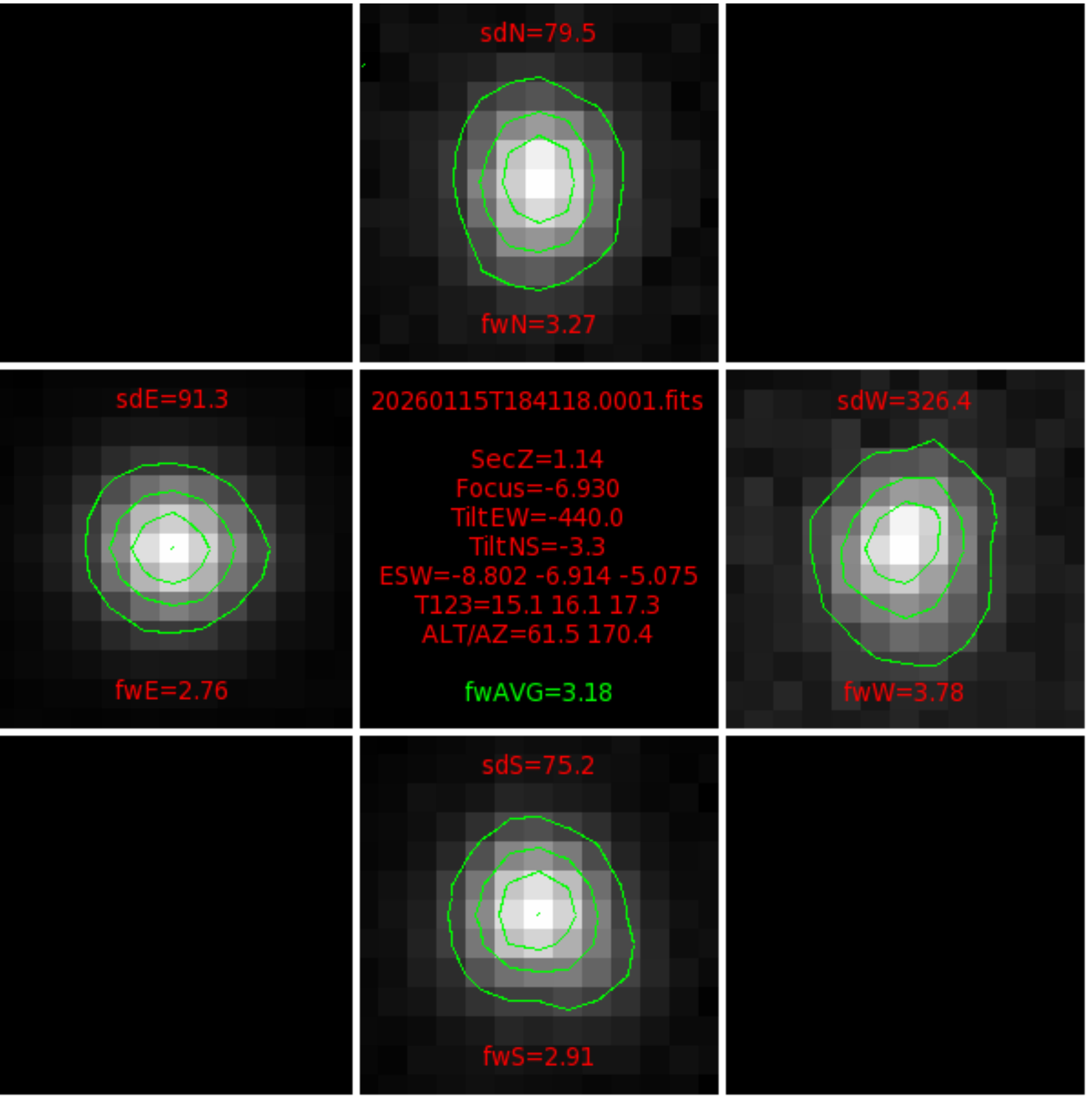
sdN=79.5
fwN=3.27
sdE=91.3
fwE=2.76
20260115T184118.0001.fits
SecZ=1.14
Focus=-6.930
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.802 -6.914 -5.075
T123=15.1 16.1 17.3
ALT/AZ=61.5 170.4
fwAVG=3.18
sdW=326.4
fwW=3.78
sdS=75.2
fwS=2.91
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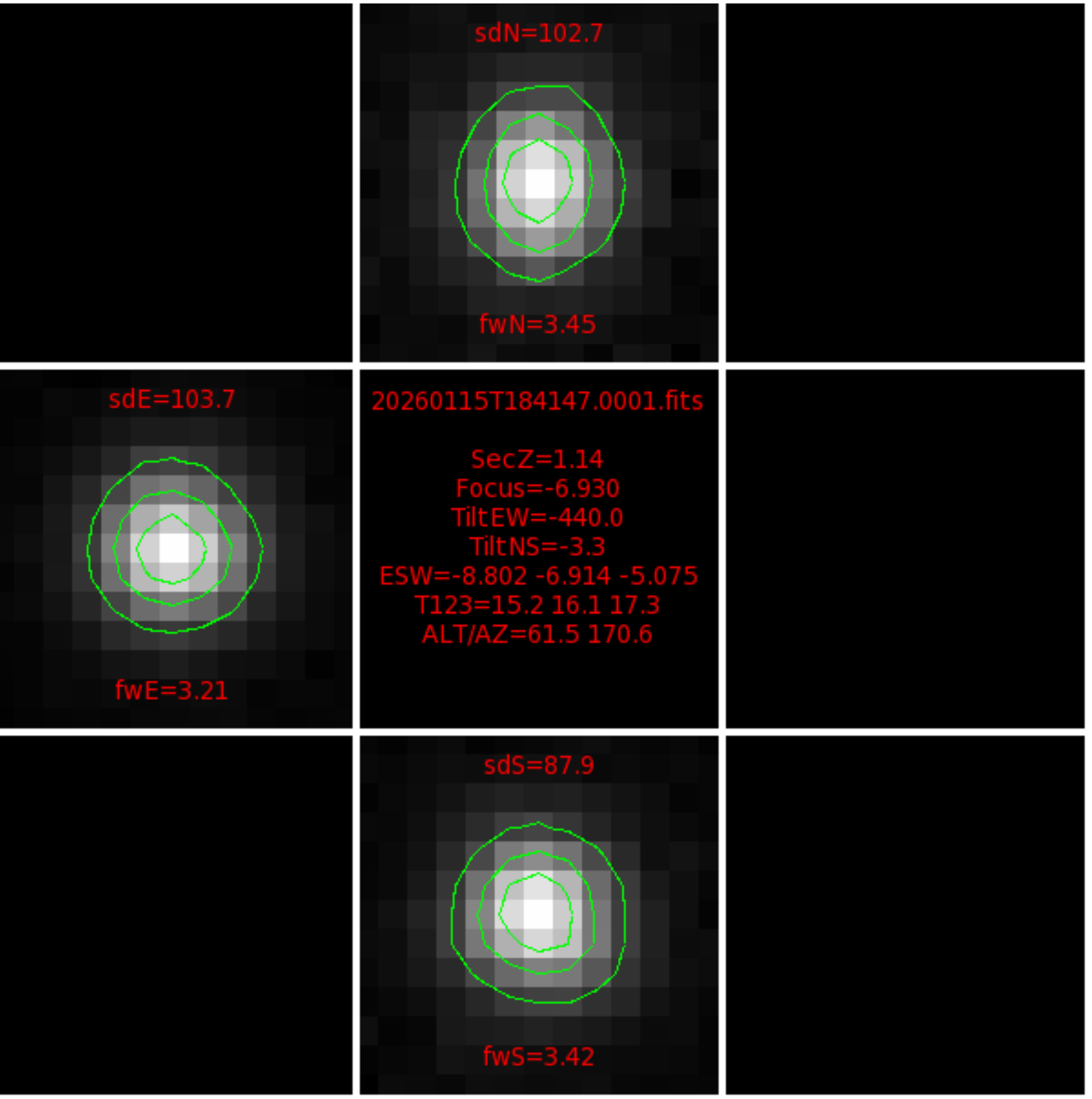
sdN=102.7
fwN=3.45
sdE=103.7
fwE=3.21
20260115T184147.0001.fits
SecZ=1.14
Focus=-6.930
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.802 -6.914 -5.075
T123=15.2 16.1 17.3
ALT/AZ=61.5 170.6
sdS=87.9
fwS=3.42
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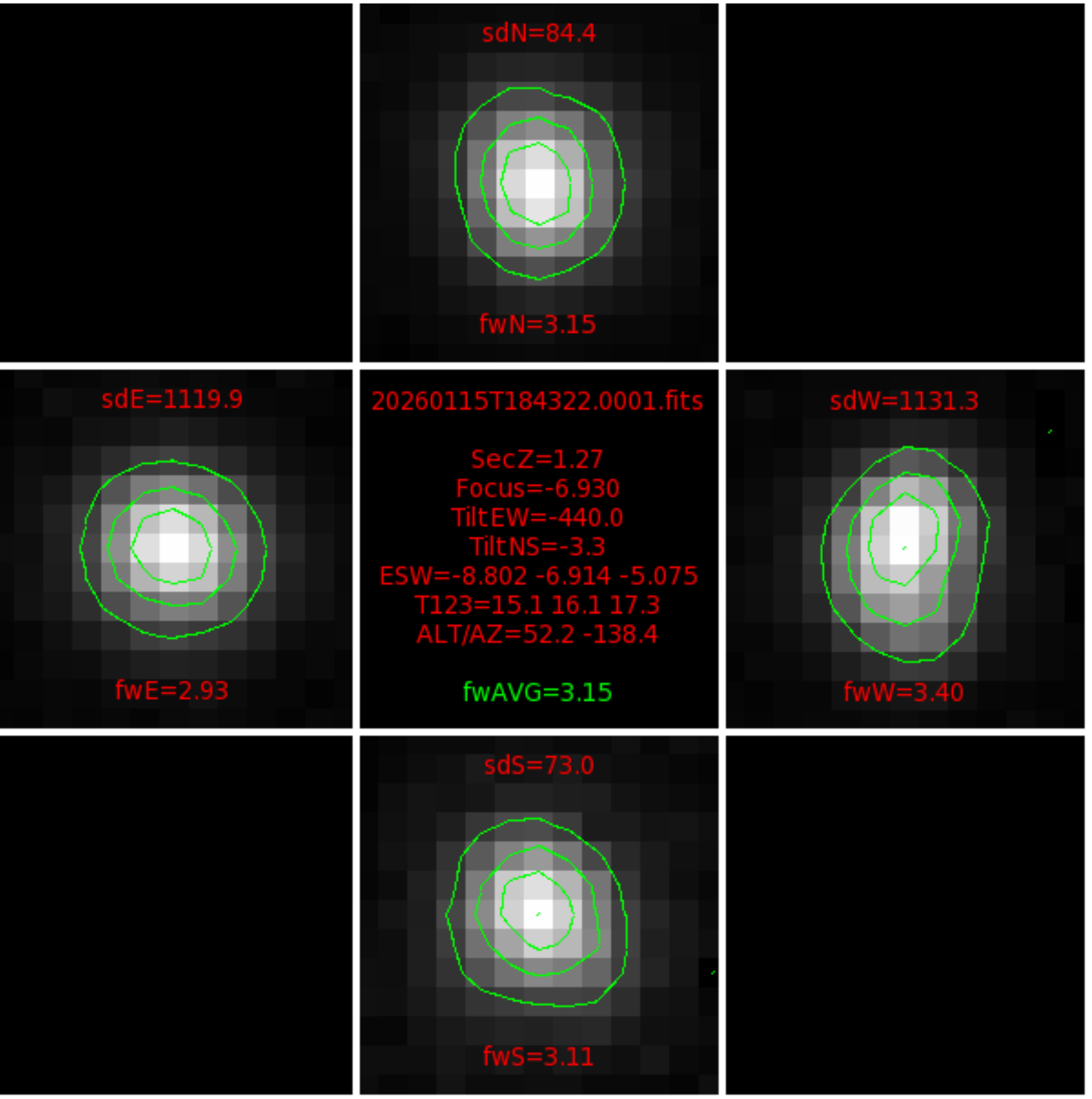
sdN=84.4
fwN=3.15
sdE=1119.9
fwE=2.93
20260115T184322.0001.fits
SecZ=1.27
Focus=-6.930
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.802 -6.914 -5.075
T123=15.1 16.1 17.3
ALT/AZ=52.2 -138.4
fwAVG=3.15
sdW=1131.3
fwW=3.40
sdS=73.0
fwS=3.11
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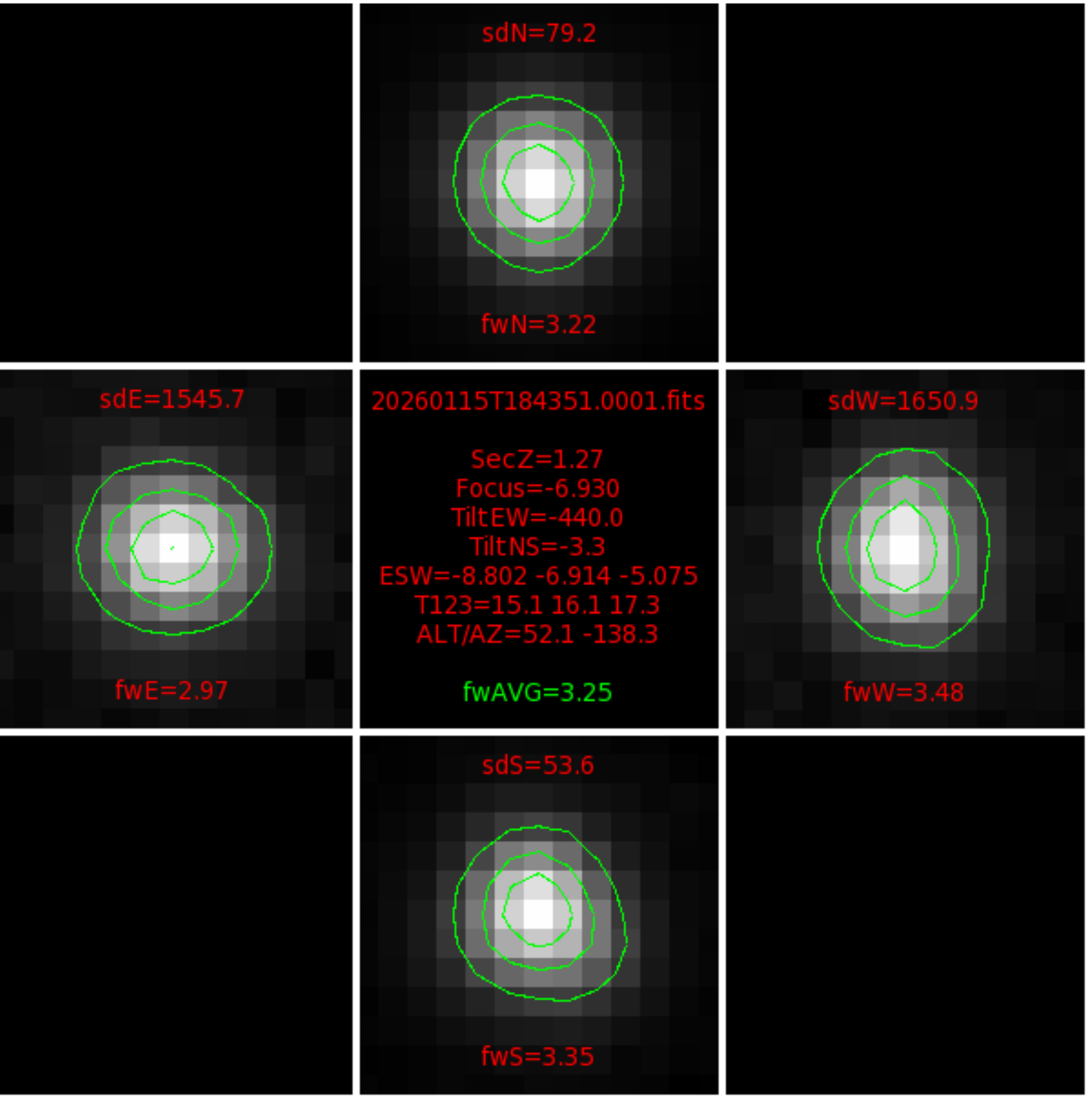
sdN=79.2
fwN=3.22
sdE=1545.7
fwE=2.97
20260115T184351.0001.fits
SecZ=1.27
Focus=-6.930
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.802 -6.914 -5.075
T123=15.1 16.1 17.3
ALT/AZ=52.1 -138.3
fwAVG=3.25
sdW=1650.9
fwW=3.48
sdS=53.6
fwS=3.35
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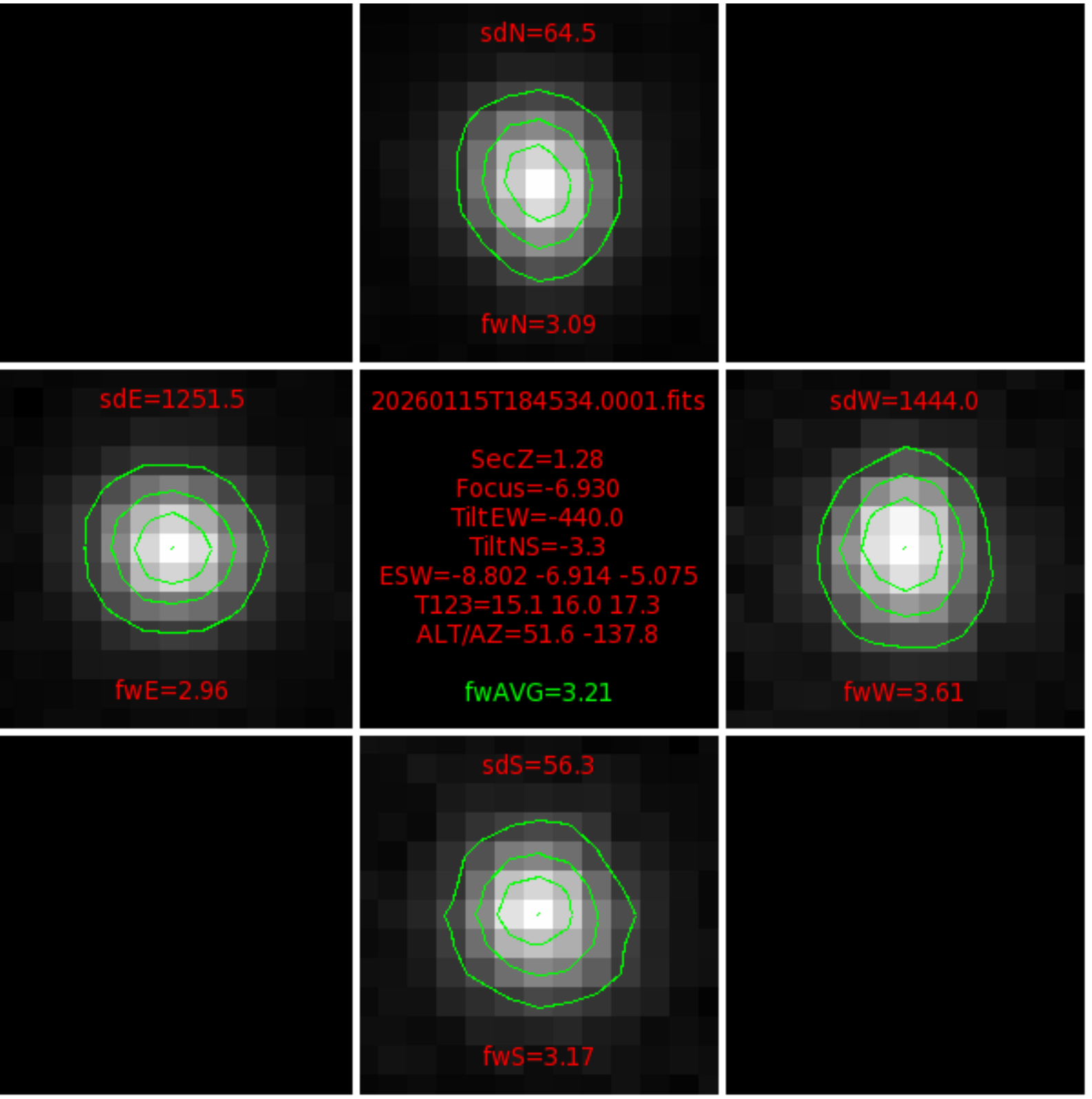
sdN=64.5
fwN=3.09
sdE=1251.5
fwE=2.96
20260115T184534.0001.fits
SecZ=1.28
Focus=-6.930
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.802 -6.914 -5.075
T123=15.1 16.0 17.3
ALT/AZ=51.6 -137.8
fwAVG=3.21
sdW=1444.0
fwW=3.61
sdS=56.3
fwS=3.17
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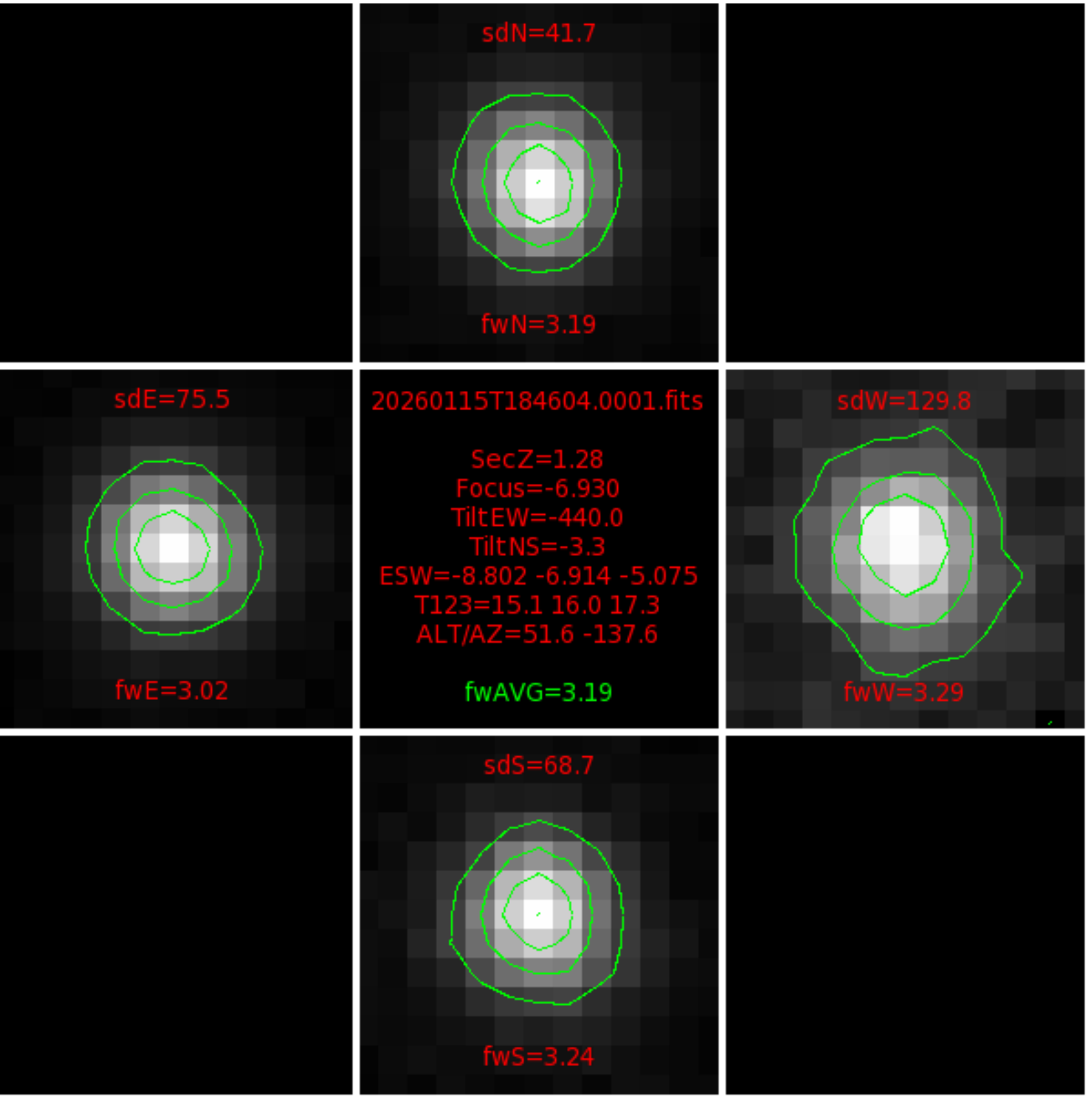
sdN=41.7
fwN=3.19
sdE=75.5
fwE=3.02
20260115T184604.0001.fits
SecZ=1.28
Focus=-6.930
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.802 -6.914 -5.075
T123=15.1 16.0 17.3
ALT/AZ=51.6 -137.6
fwAVG=3.19
sdW=129.8
fwW=3.29
sdS=68.7
fwS=3.24
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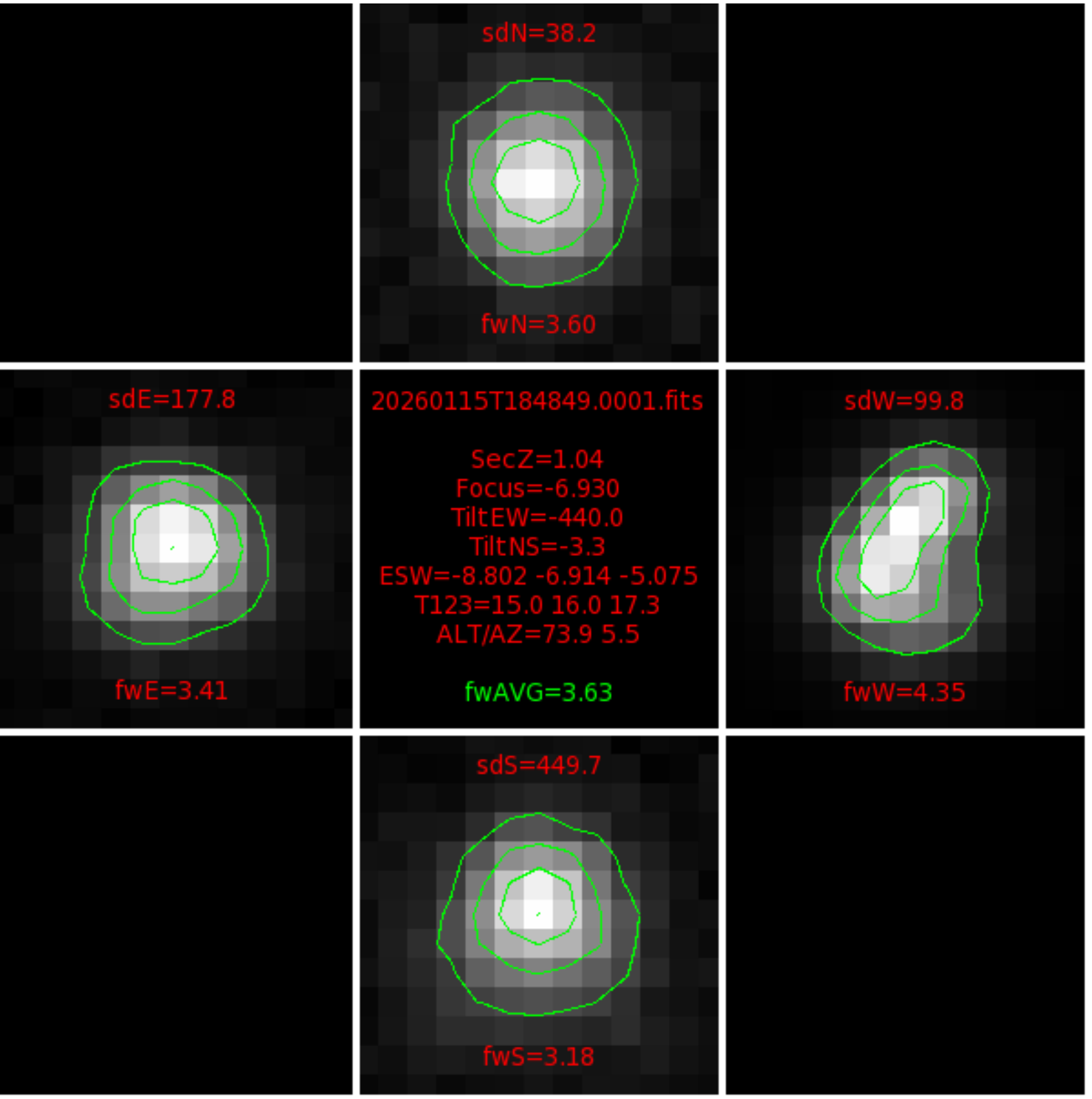
sdN=38.2
fwN=3.60
sdE=177.8
fwE=3.41
20260115T184849.0001.fits
SecZ=1.04
Focus=-6.930
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.802 -6.914 -5.075
T123=15.0 16.0 17.3
ALT/AZ=73.9 5.5
fwAVG=3.63
sdW=99.8
fwW=4.35
sdS=449.7
fwS=3.18
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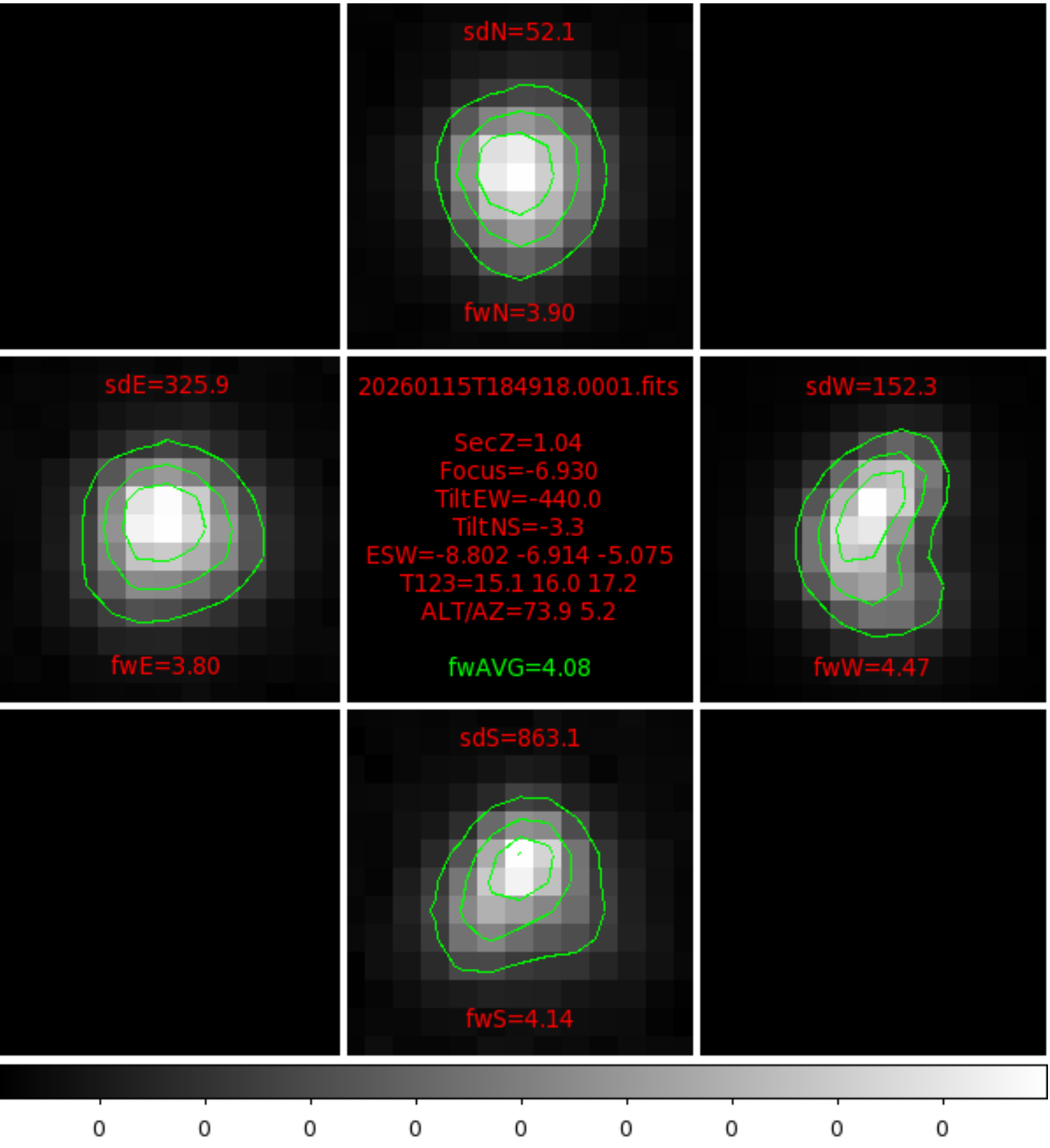
sdN=52.1
fwN=3.90
sdE=325.9
fwE=3.80
20260115T184918.0001.fits
SecZ=1.04
Focus=-6.930
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.802 -6.914 -5.075
T123=15.1 16.0 17.2
ALT/AZ=73.9 5.2
fwAVG=4.08
sdW=152.3
fwW=4.47
sdS=863.1
fwS=4.14
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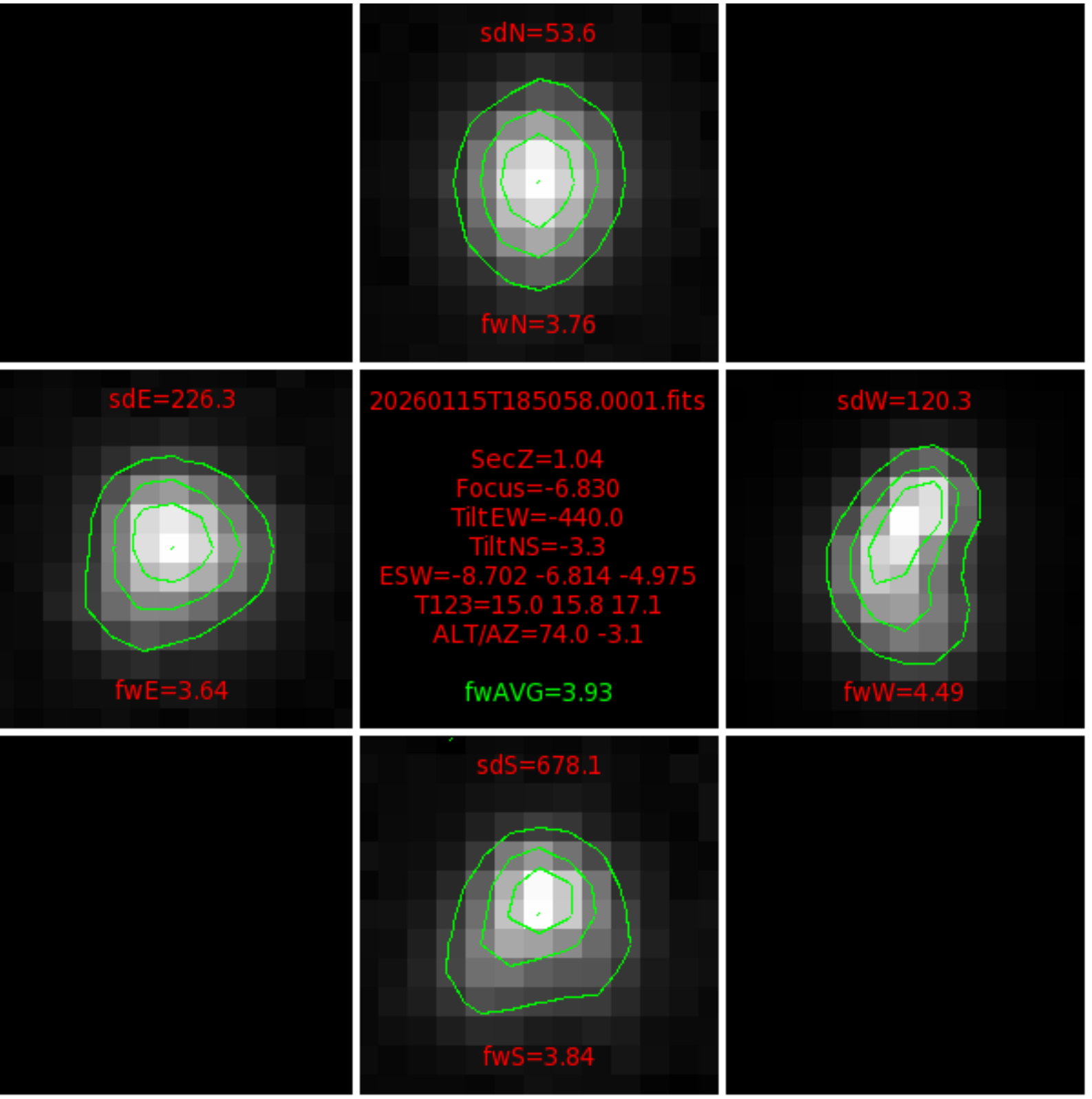
sdN=53.6
fwN=3.76
sdE=226.3
fwE=3.64
20260115T185058.0001.fits
SecZ=1.04
Focus=-6.830
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.702 -6.814 -4.975
T123=15.0 15.8 17.1
ALT/AZ=74.0 -3.1
fwAVG=3.93
sdW=120.3
fwW=4.49
sdS=678.1
fwS=3.84
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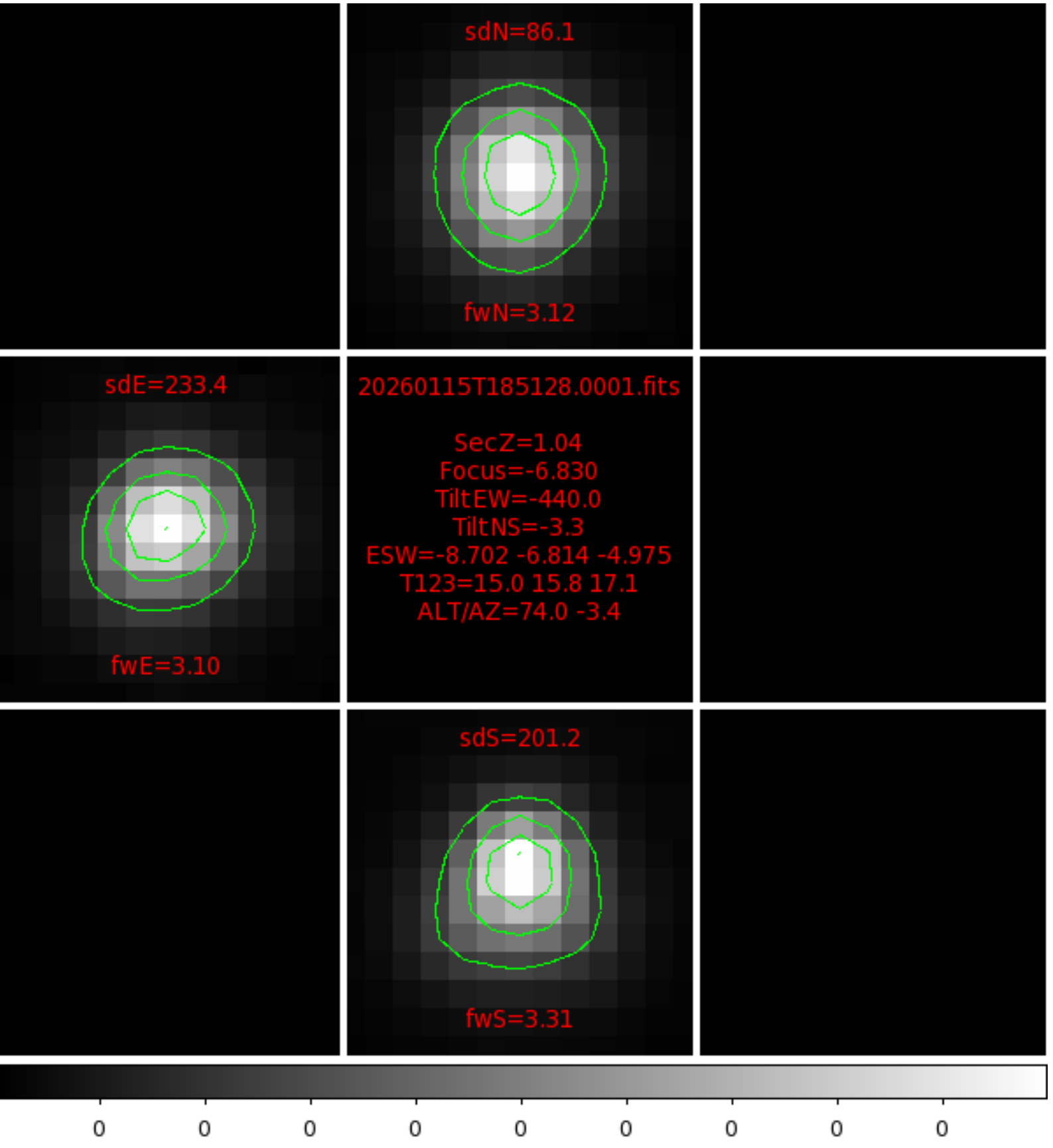
sdN=86.1
fwN=3.12
sdE=233.4
fwE=3.10
20260115T185128.0001.fits
SecZ=1.04
Focus=-6.830
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.702 -6.814 -4.975
T123=15.0 15.8 17.1
ALT/AZ=74.0 -3.4
sdS=201.2
fwS=3.31
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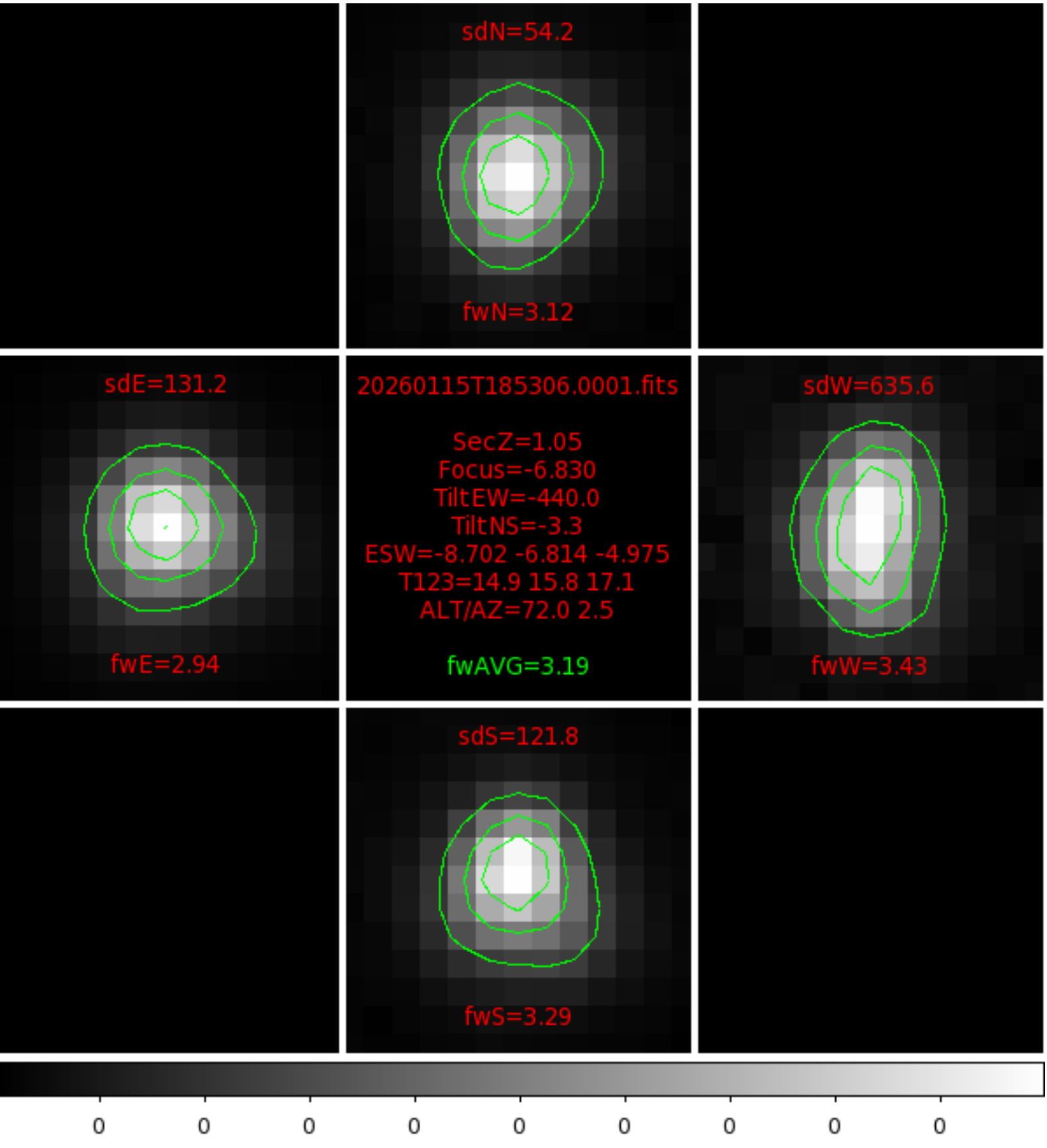
sdN=54.2
fwN=3.12
sdE=131.2
fwE=2.94
20260115T185306.0001.fits
SecZ=1.05
Focus=-6.830
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.702 -6.814 -4.975
T123=14.9 15.8 17.1
ALT/AZ=72.0 2.5
fwAVG=3.19
sdW=635.6
fwW=3.43
sdS=121.8
fwS=3.29
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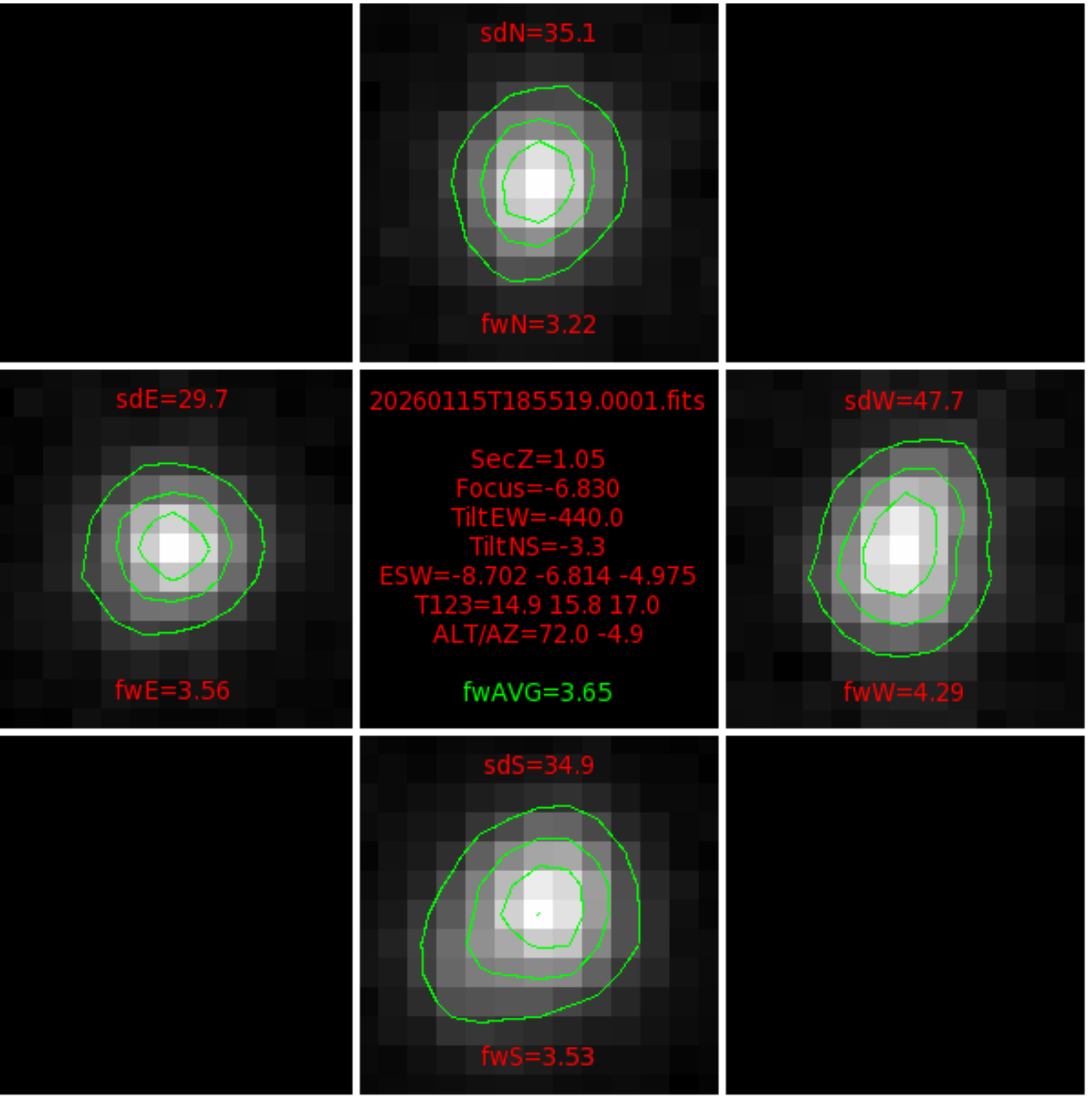
sdN=35.1
fwN=3.22
sdE=29.7
fwE=3.56
20260115T185519.0001.fits
SecZ=1.05
Focus=-6.830
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.702 -6.814 -4.975
T123=14.9 15.8 17.0
ALT/AZ=72.0 -4.9
fwAVG=3.65
sdW=47.7
fwW=4.29
sdS=34.9
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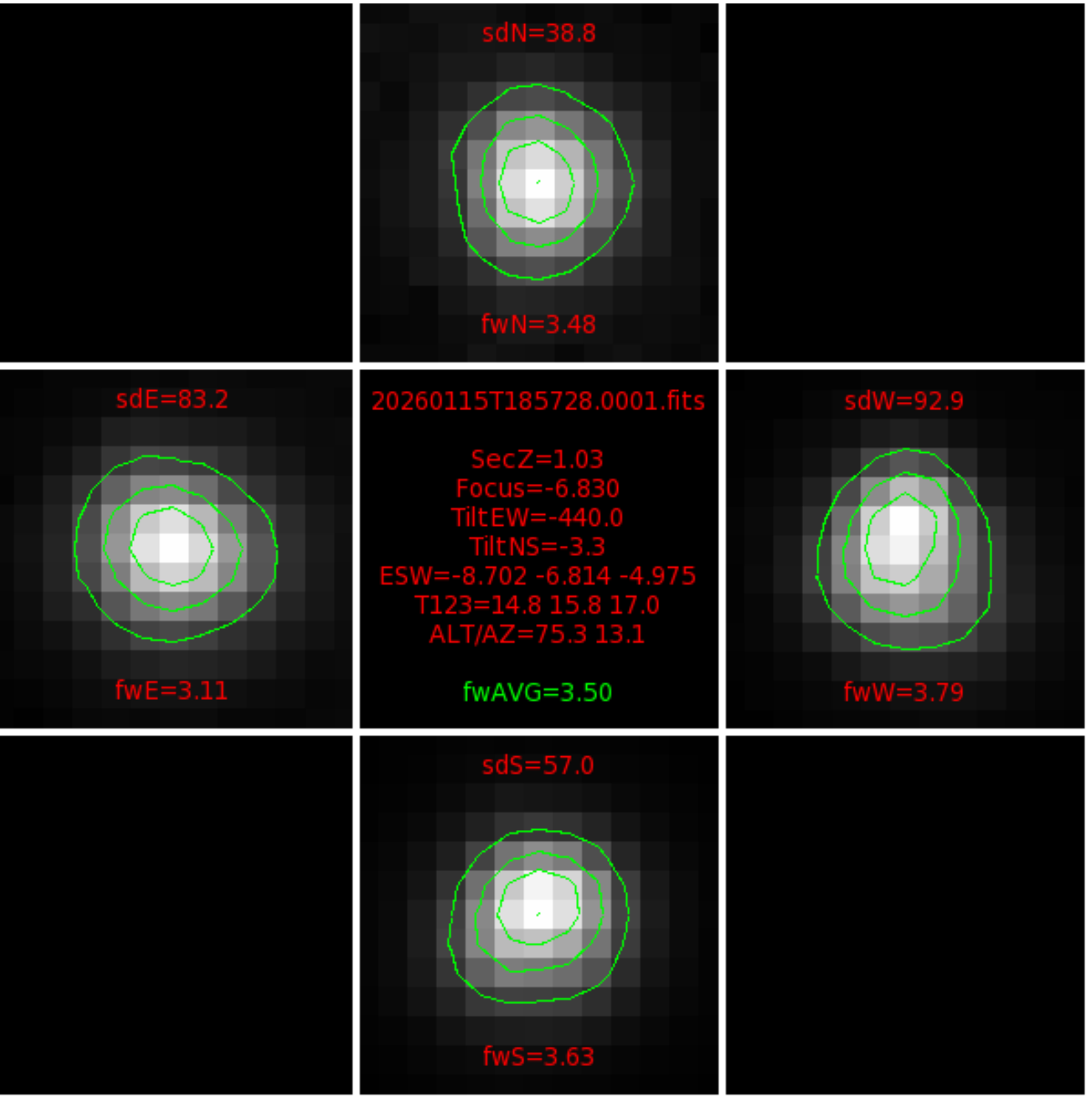
sdN=38.8
fwN=3.48
sdE=83.2
fwE=3.11
20260115T185728.0001.fits
SecZ=1.03
Focus=-6.830
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.702 -6.814 -4.975
T123=14.8 15.8 17.0
ALT/AZ=75.3 13.1
fwAVG=3.50
sdW=92.9
fwW=3.79
sdS=57.0
fwS=3.63
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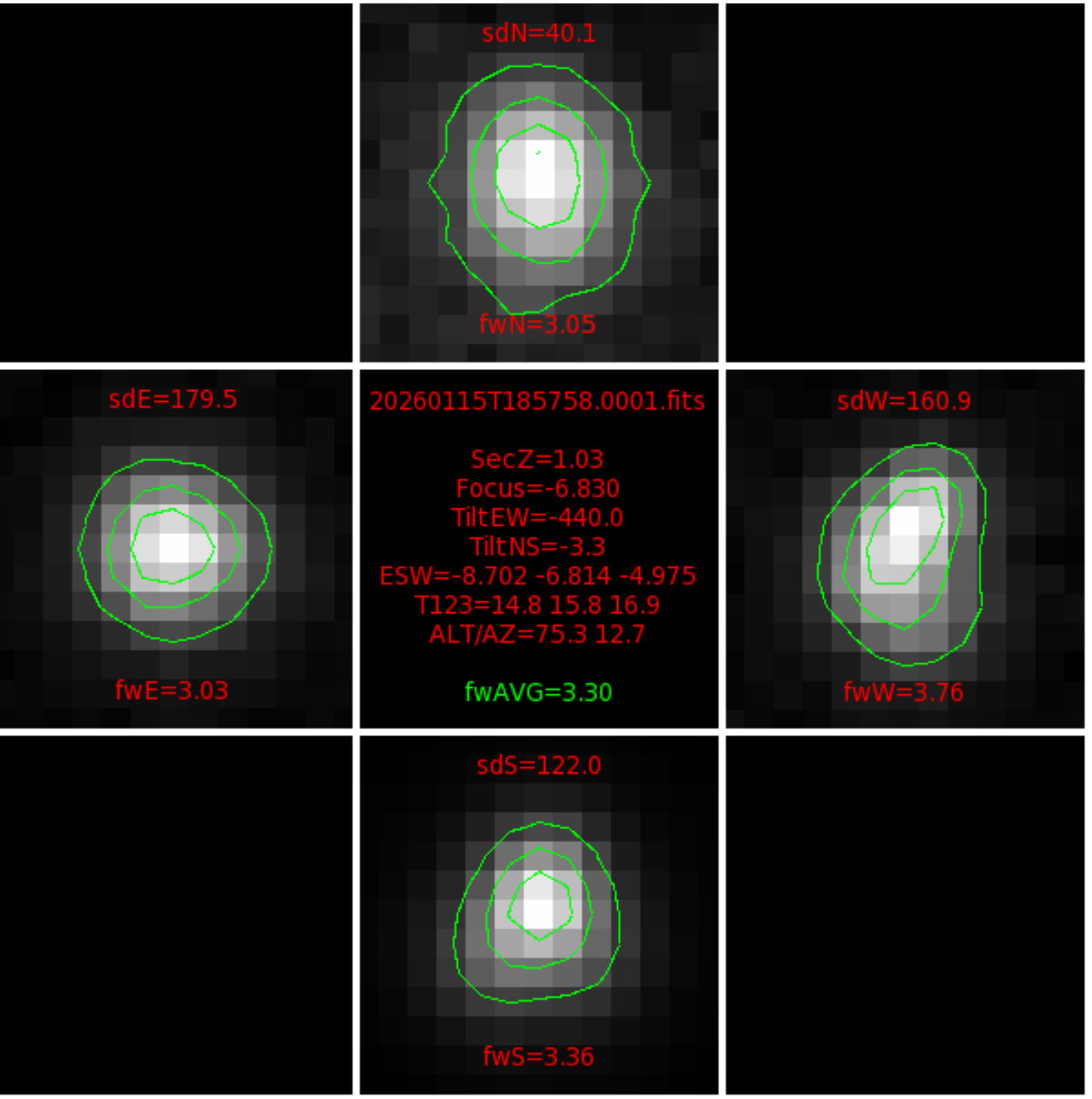
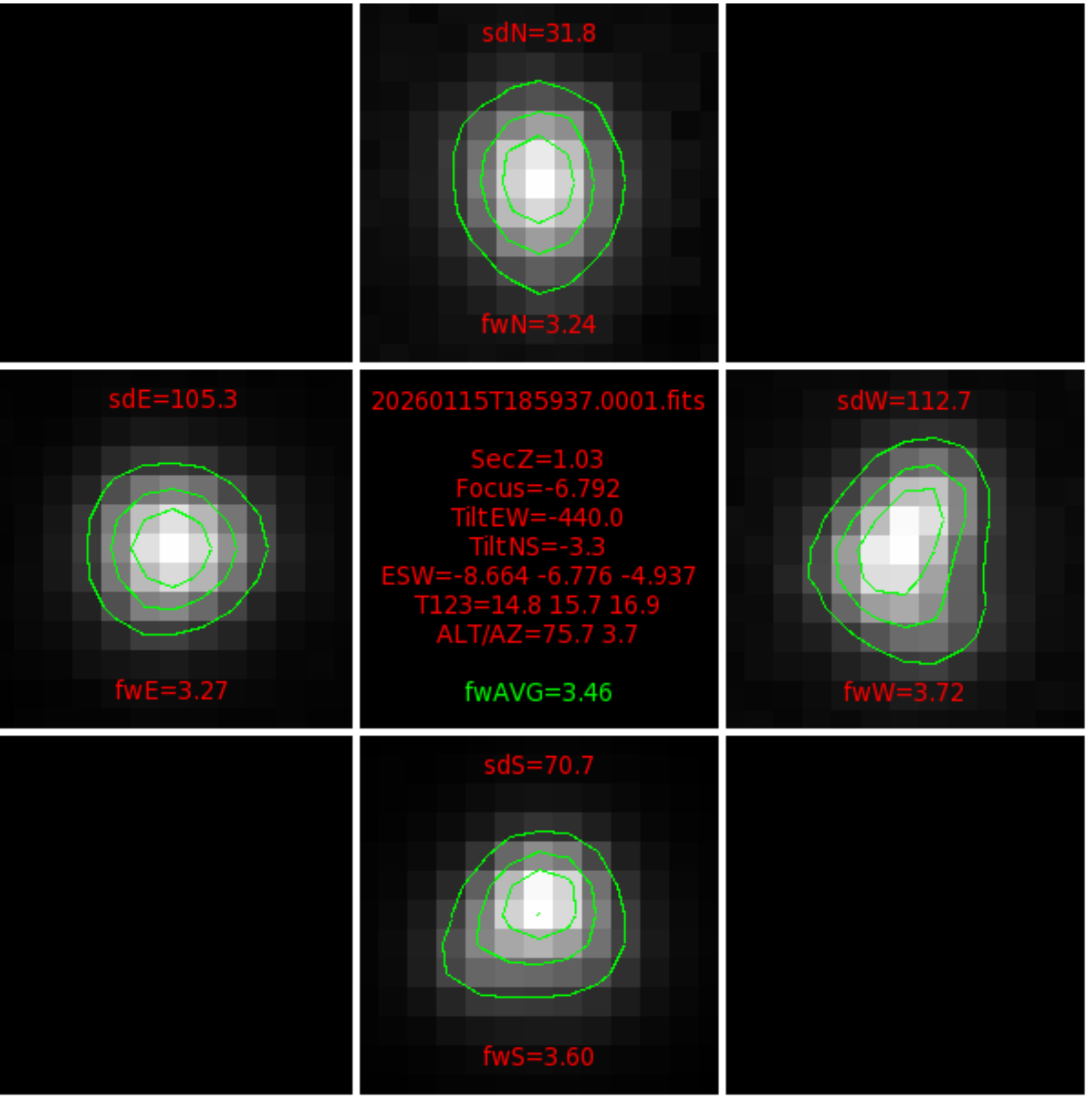

sdN=40.1
fwN=3.05
sdE=179.5
fwE=3.03
20260115T185758.0001.fits
SecZ=1.03
Focus=-6.830
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.702 -6.814 -4.975
T123=14.8 15.8 16.9
ALT/AZ=75.3 12.7
fwAVG=3.30
sdW=160.9
fwW=3.76
sdS=122.0
fwS=3.36
0 0 0 0 0 0 0 0 0


sdN=31.8
fwN=3.24
sdE=105.3
fwE=3.27
20260115T185937.0001.fits
SecZ=1.03
Focus=-6.792
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.664 -6.776 -4.937
T123=14.8 15.7 16.9
ALT/AZ=75.7 3.7
fwAVG=3.46
sdW=112.7
fwW=3.72
sdS=70.7
fwS=3.60
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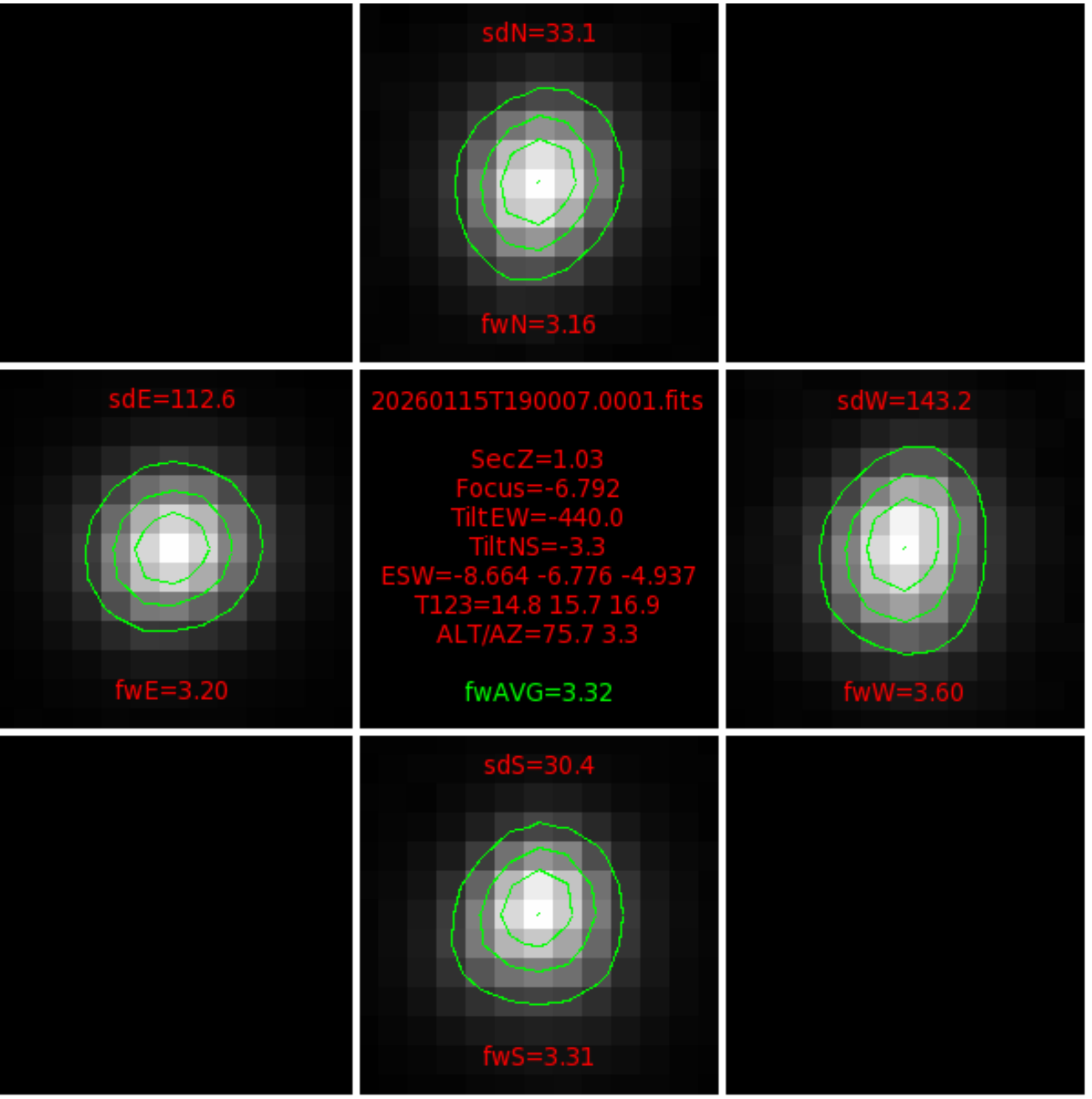
sdN=33.1
fwN=3.16
sdE=112.6
fwE=3.20
20260115T190007.0001.fits
SecZ=1.03
Focus=-6.792
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.664 -6.776 -4.937
T123=14.8 15.7 16.9
ALT/AZ=75.7 3.3
fwAVG=3.32
sdW=143.2
fwW=3.60
sdS=30.4
fwS=3.31
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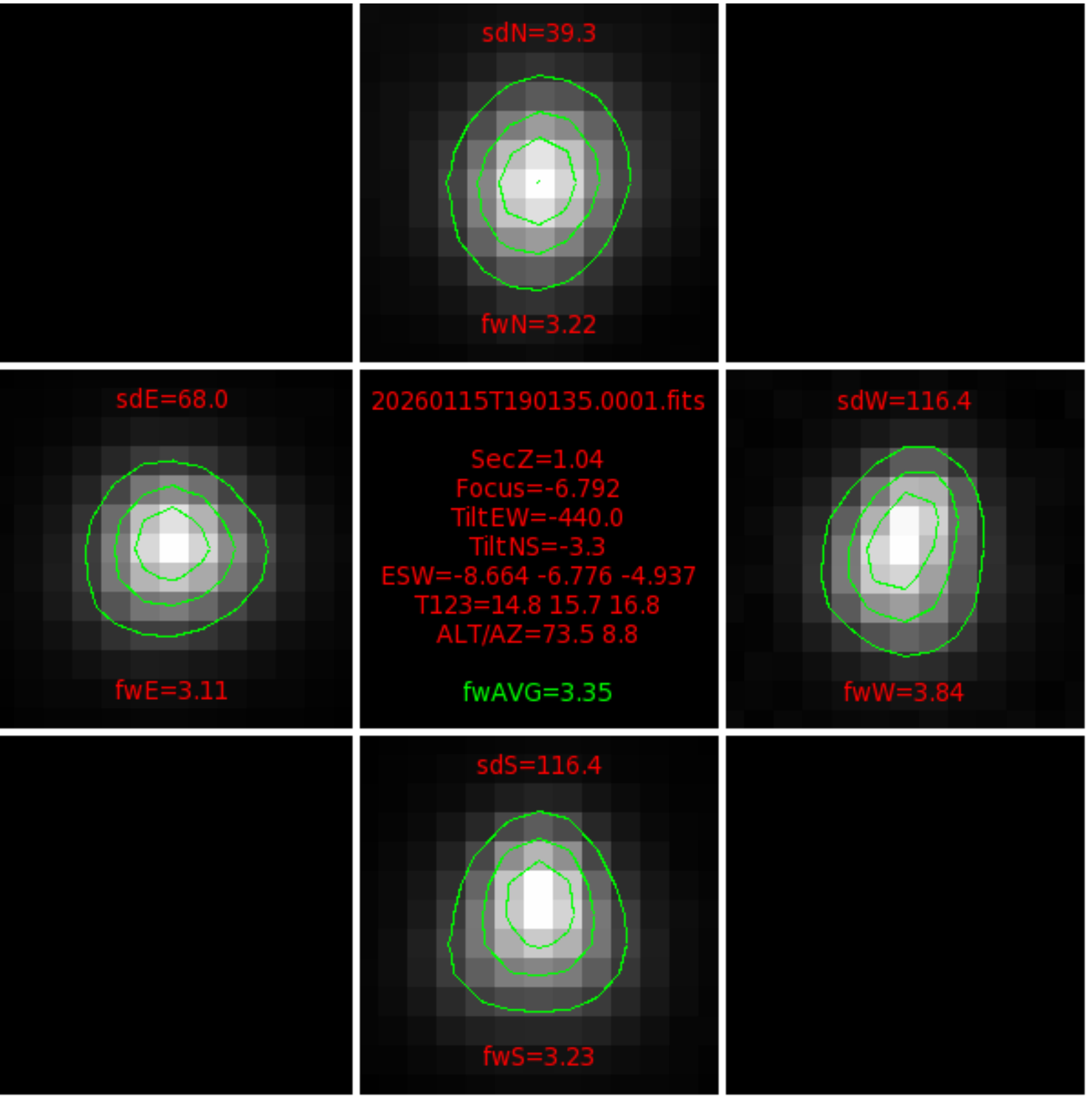
sdN=39.3
fwN=3.22
sdE=68.0
fwE=3.11
20260115T190135.0001.fits
SecZ=1.04
Focus=-6.792
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.664 -6.776 -4.937
T123=14.8 15.7 16.8
ALT/AZ=73.5 8.8
fwAVG=3.35
sdW=116.4
fwW=3.84
sdS=116.4
fwS=3.23
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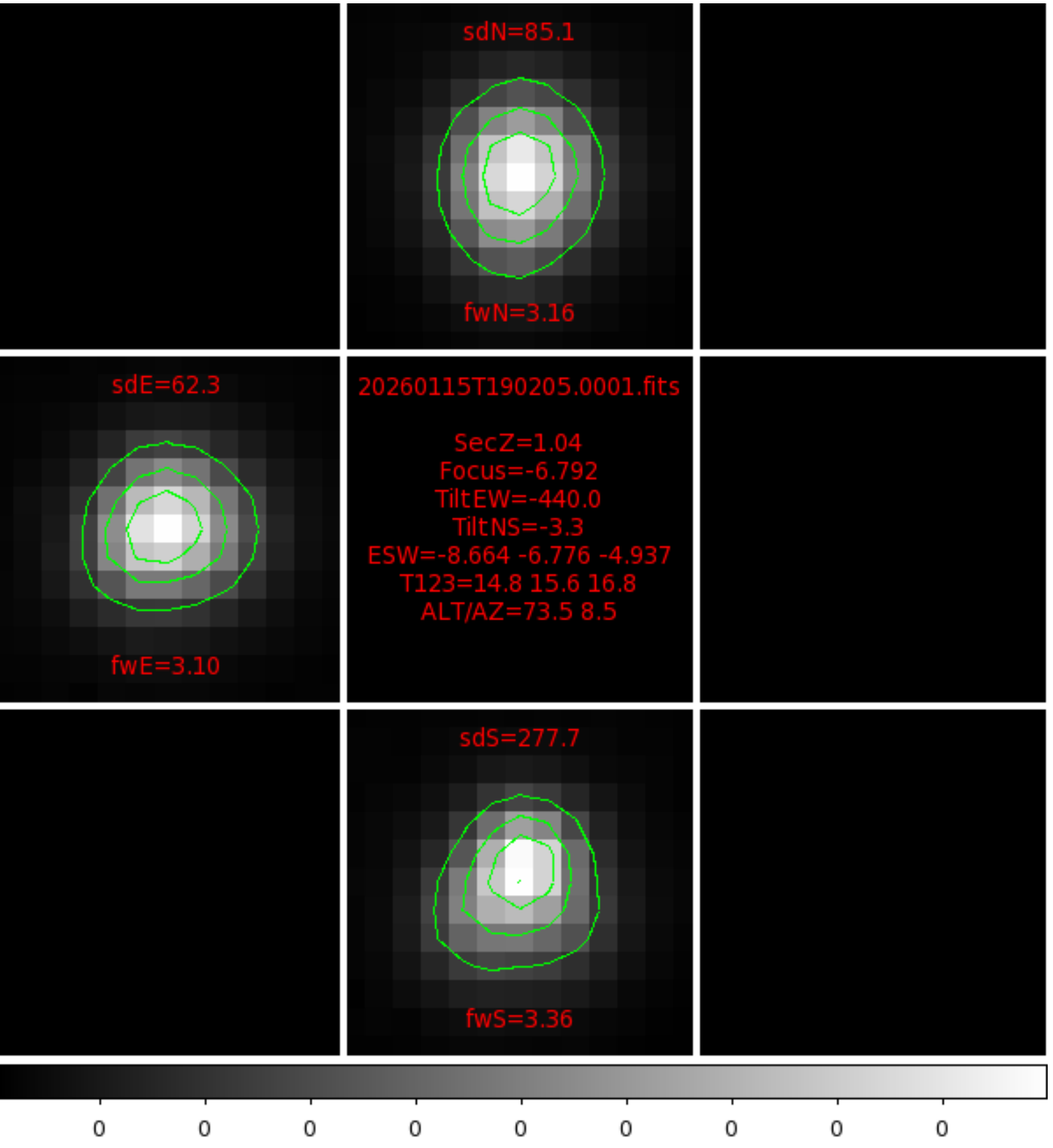
sdN=85.1
fwN=3.16
sdE=62.3
fwE=3.10
20260115T190205.0001.fits
SecZ=1.04
Focus=-6.792
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.664 -6.776 -4.937
T123=14.8 15.6 16.8
ALT/AZ=73.5 8.5
sdS=277.7
fwS=3.36
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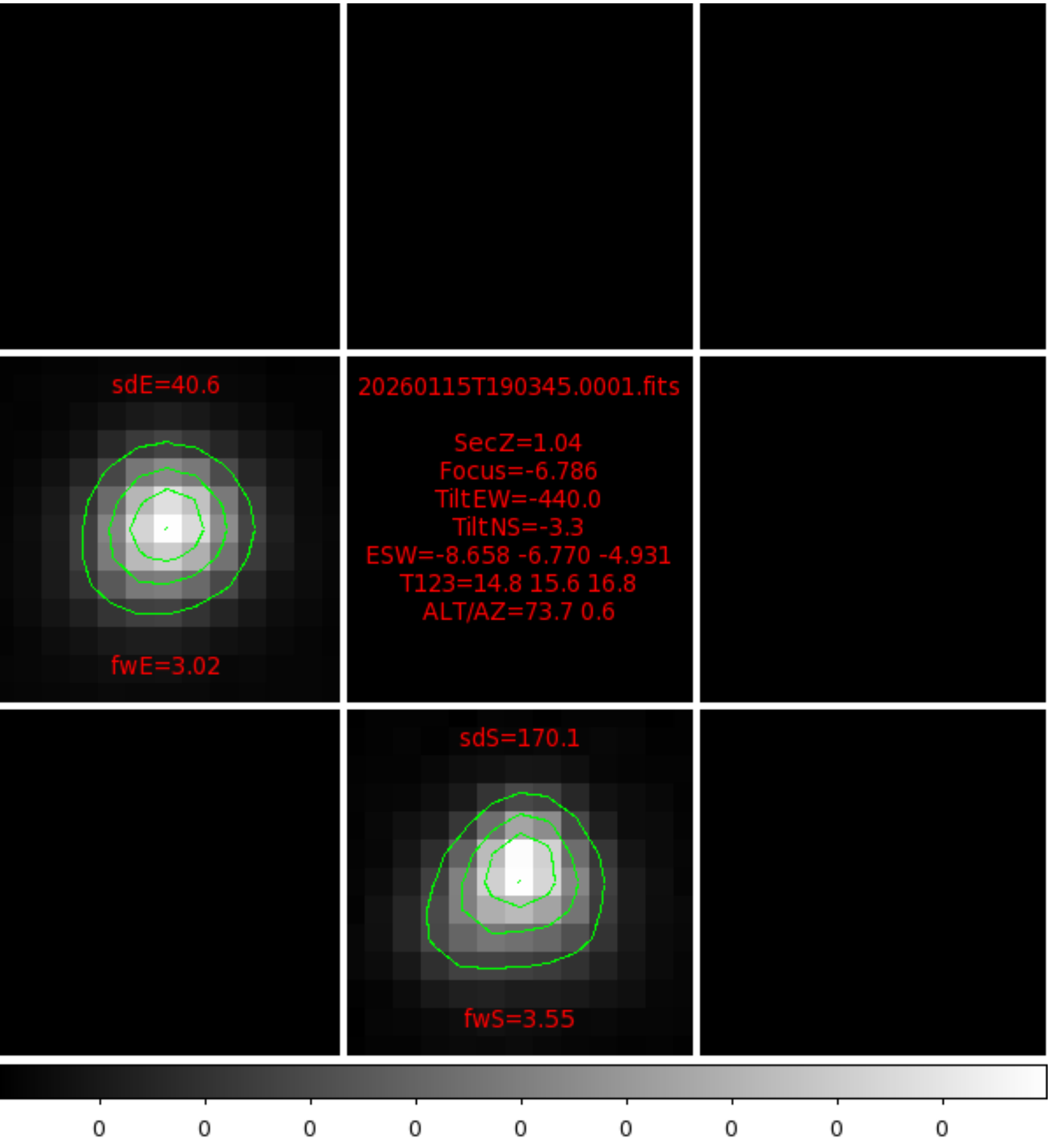
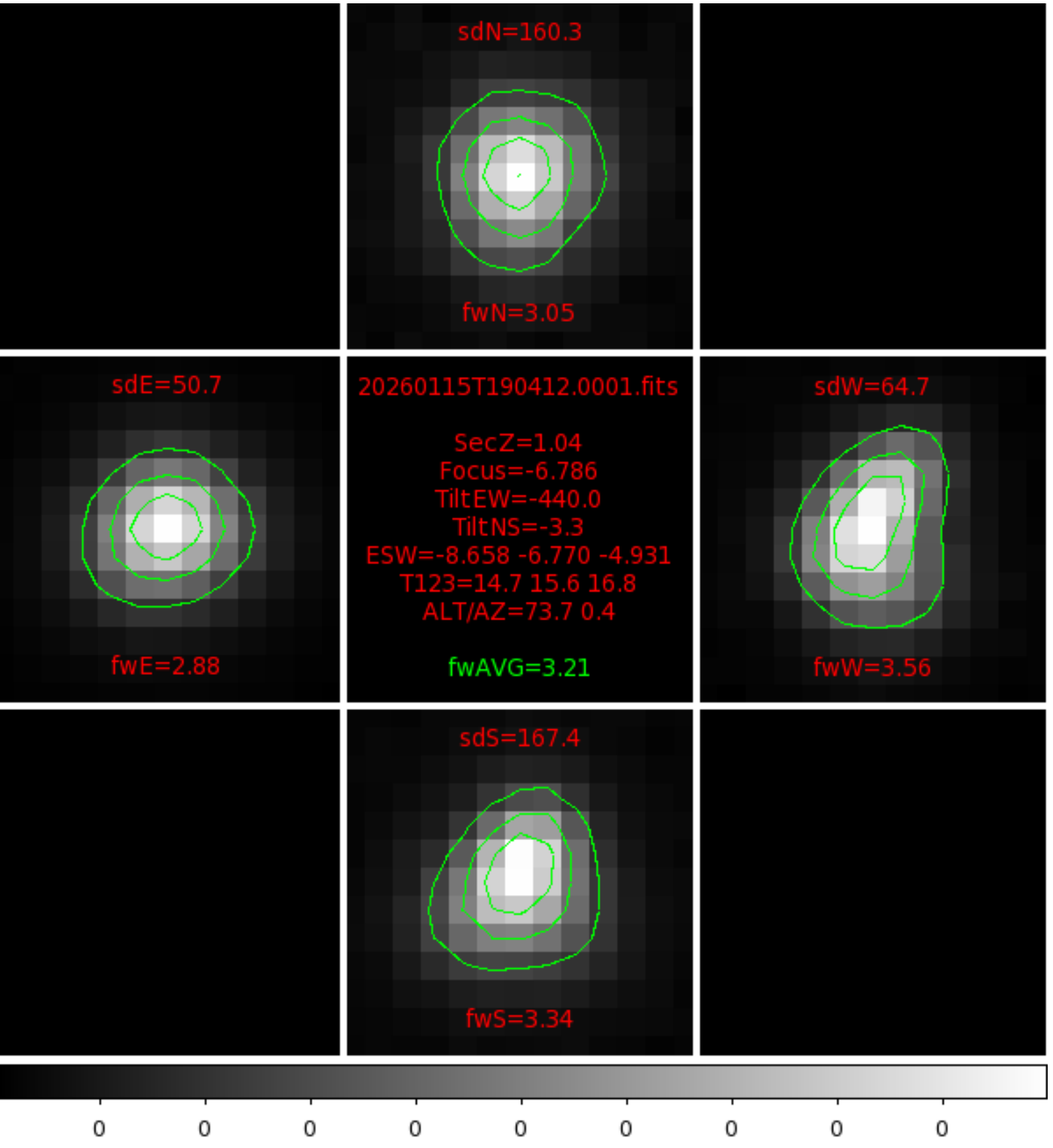

sdE=40.6
20260115T190345.0001.fits
SecZ=1.04
Focus=-6.786
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.658 -6.770 -4.931
T123=14.8 15.6 16.8
ALT/AZ=73.7 0.6
fwE=3.02
sdS=170.1
fwS=3.55
0 0 0 0 0 0 0 0 0


sdN=160.3
fwN=3.05
sdE=50.7
fwE=2.88
20260115T190412.0001.fits
SecZ=1.04
Focus=-6.786
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.658 -6.770 -4.931
T123=14.7 15.6 16.8
ALT/AZ=73.7 0.4
fwAVG=3.21
sdW=64.7
fwW=3.56
sdS=167.4
fwS=3.34
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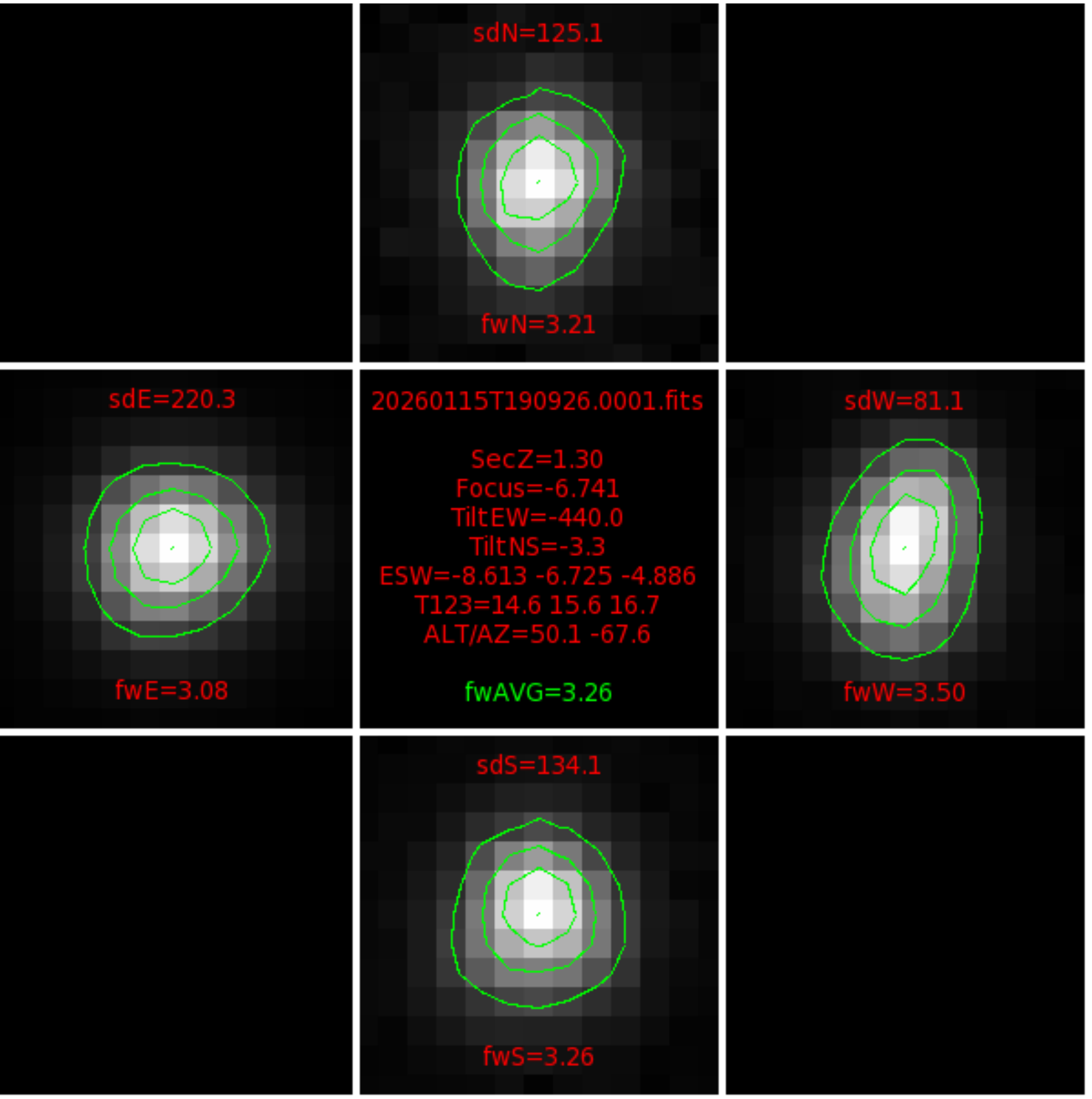
sdN=125.1
fwN=3.21
sdE=220.3
fwE=3.08
20260115T190926.0001.fits
SecZ=1.30
Focus=-6.741
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.613 -6.725 -4.886
T123=14.6 15.6 16.7
ALT/AZ=50.1 -67.6
fwAVG=3.26
sdW=81.1
fwW=3.50
sdS=134.1
fwS=3.26
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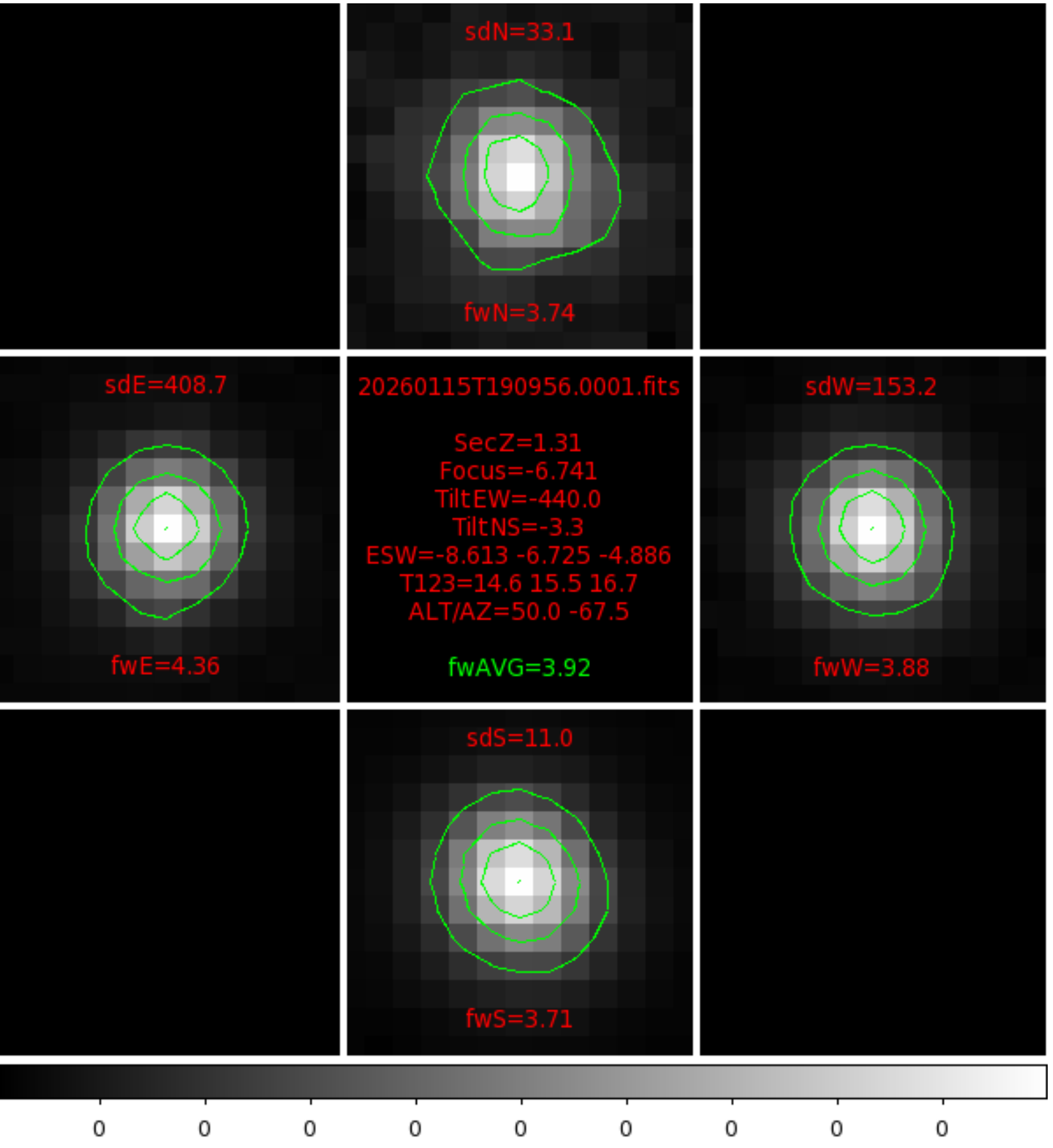
sdN=33.1
fwN=3.74
sdE=408.7
fwE=4.36
20260115T190956.0001.fits
SecZ=1.31
Focus=-6.741
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.613 -6.725 -4.886
T123=14.6 15.5 16.7
ALT/AZ=50.0 -67.5
fwAVG=3.92
sdW=153.2
fwW=3.88
sdS=11.0
fwS=3.71
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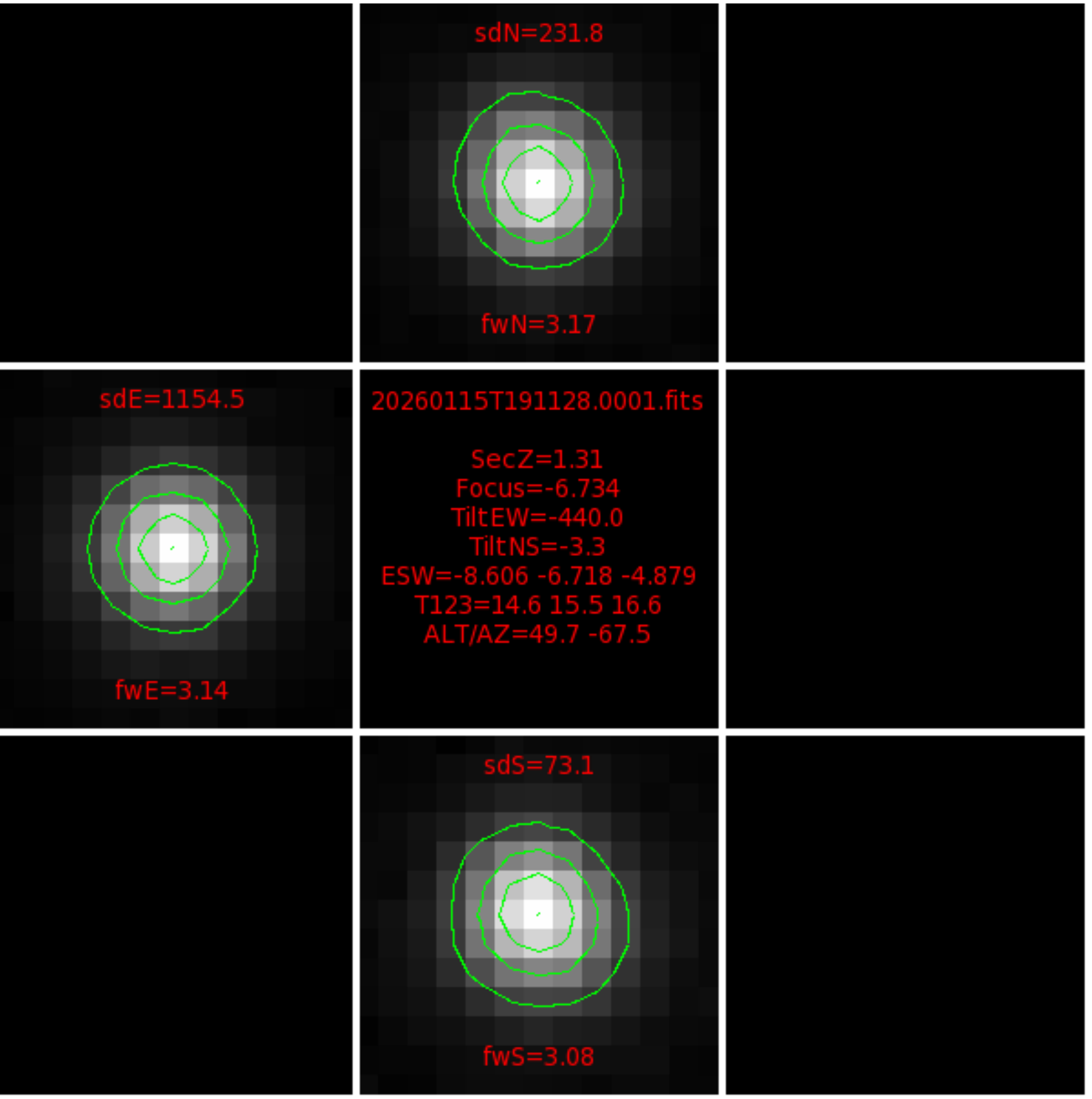
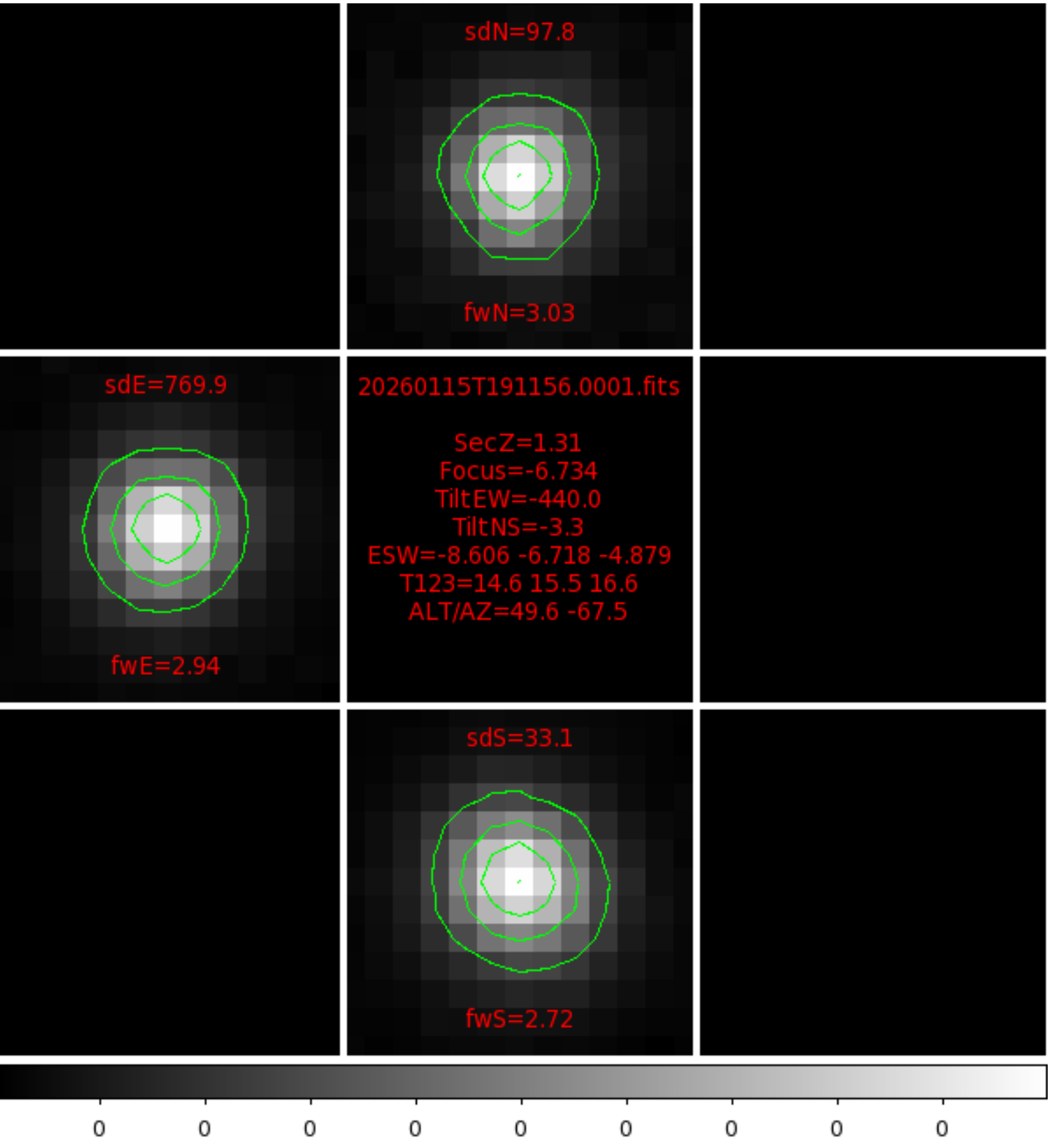

sdN=231.8
fwN=3.17
sdE=1154.5
fwE=3.14
20260115T191128.0001.fits
SecZ=1.31
Focus=-6.734
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.606 -6.718 -4.879
T123=14.6 15.5 16.6
ALT/AZ=49.7 -67.5
sdS=73.1
fwS=3.08
0 0 0 0 0 0 0 0 0


sdN=97.8
fwN=3.03
sdE=769.9
fwE=2.94
20260115T191156.0001.fits
SecZ=1.31
Focus=-6.734
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.606 -6.718 -4.879
T123=14.6 15.5 16.6
ALT/AZ=49.6 -67.5
sdS=33.1
fwS=2.72
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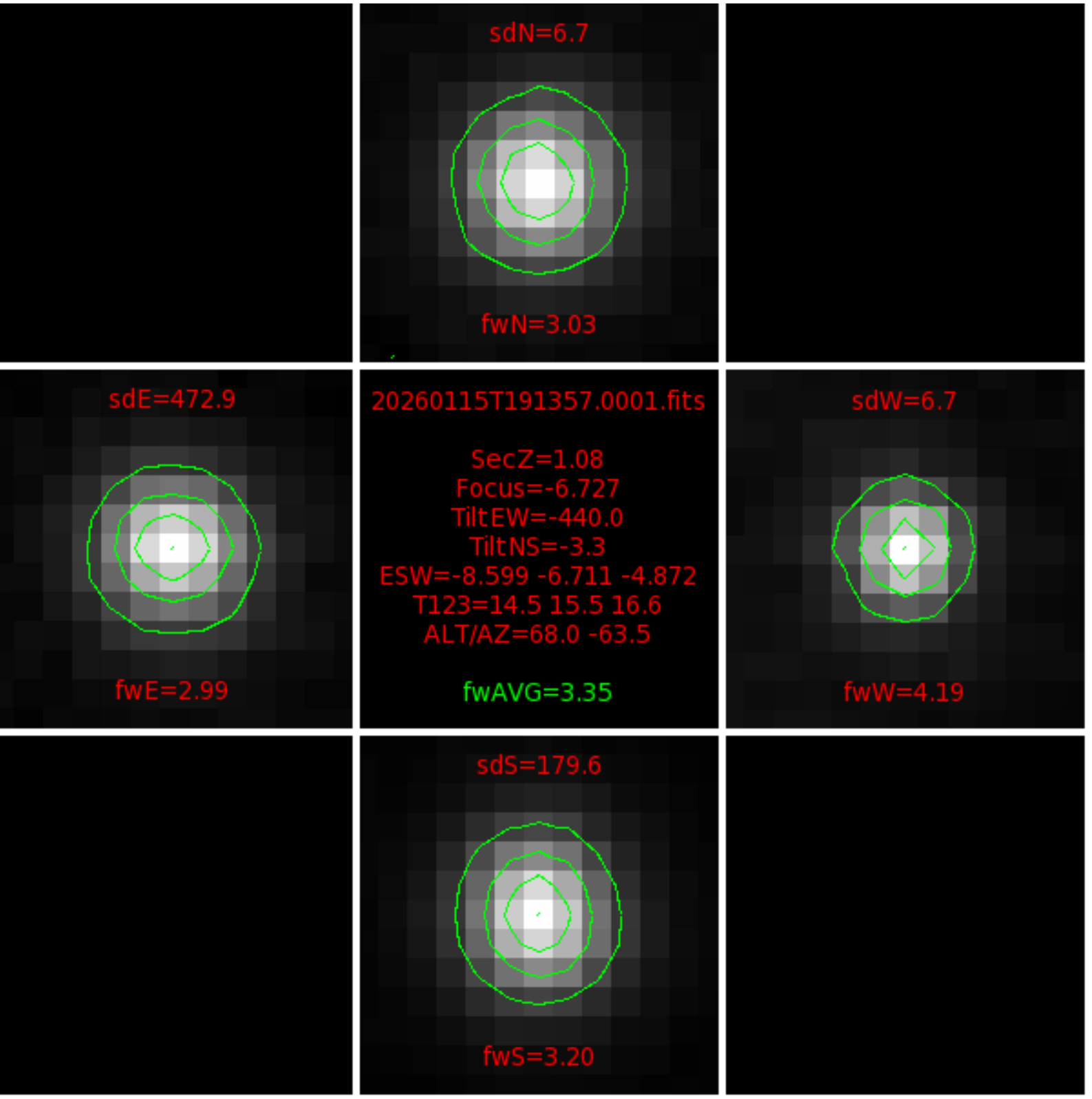
sdN=6.7
fwN=3.03
sdE=472.9
fwE=2.99
20260115T191357.0001.fits
SecZ=1.08
Focus=-6.727
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.599 -6.711 -4.872
T123=14.5 15.5 16.6
ALT/AZ=68.0 -63.5
fwAVG=3.35
sdW=6.7
fwW=4.19
sdS=179.6
fwS=3.20
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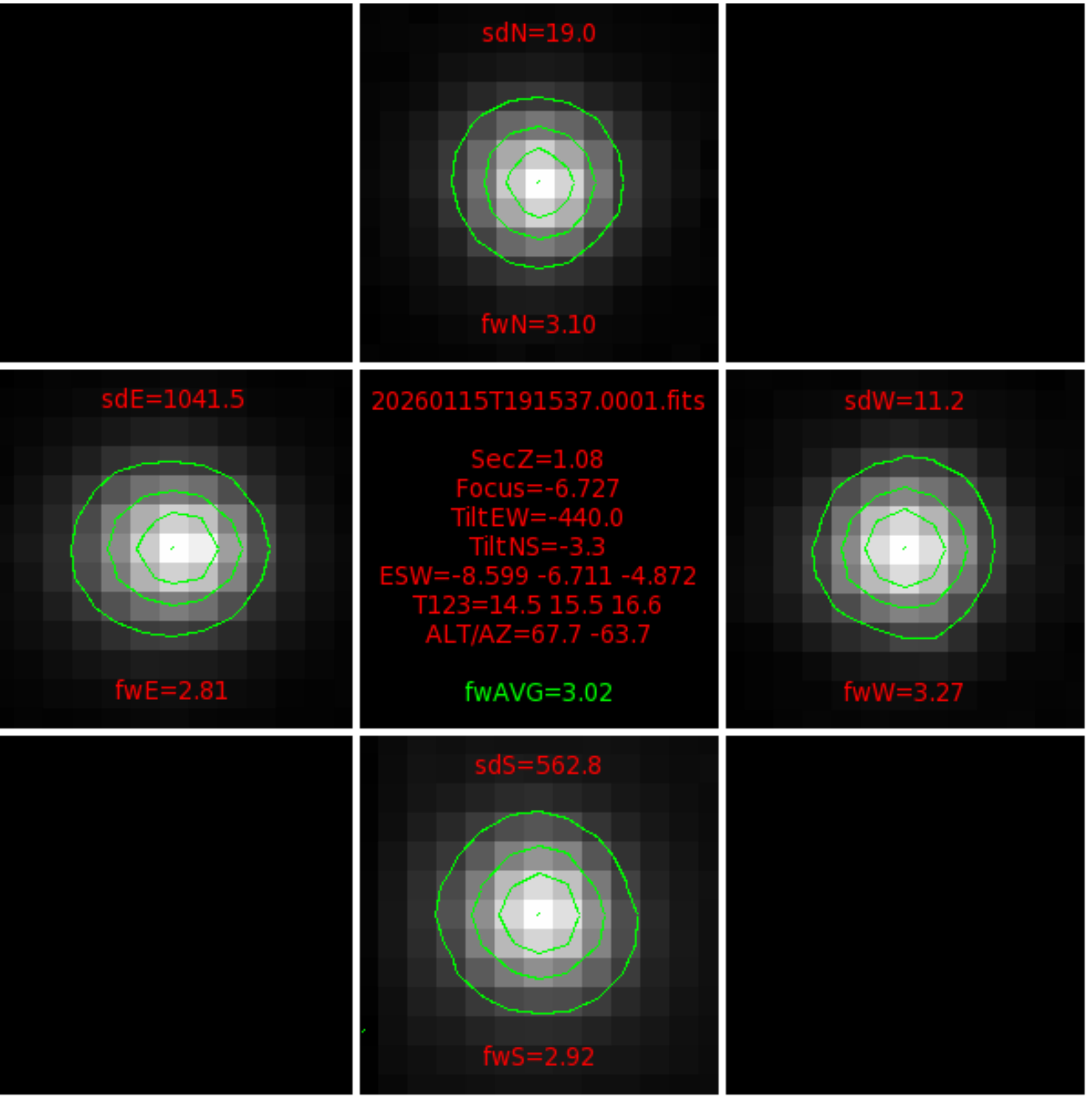
sdN=19.0
fwN=3.10
sdE=1041.5
fwE=2.81
20260115T191537.0001.fits
SecZ=1.08
Focus=-6.727
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.599 -6.711 -4.872
T123=14.5 15.5 16.6
ALT/AZ=67.7 -63.7
fwAVG=3.02
sdW=11.2
fwW=3.27
sdS=562.8
fwS=2.92
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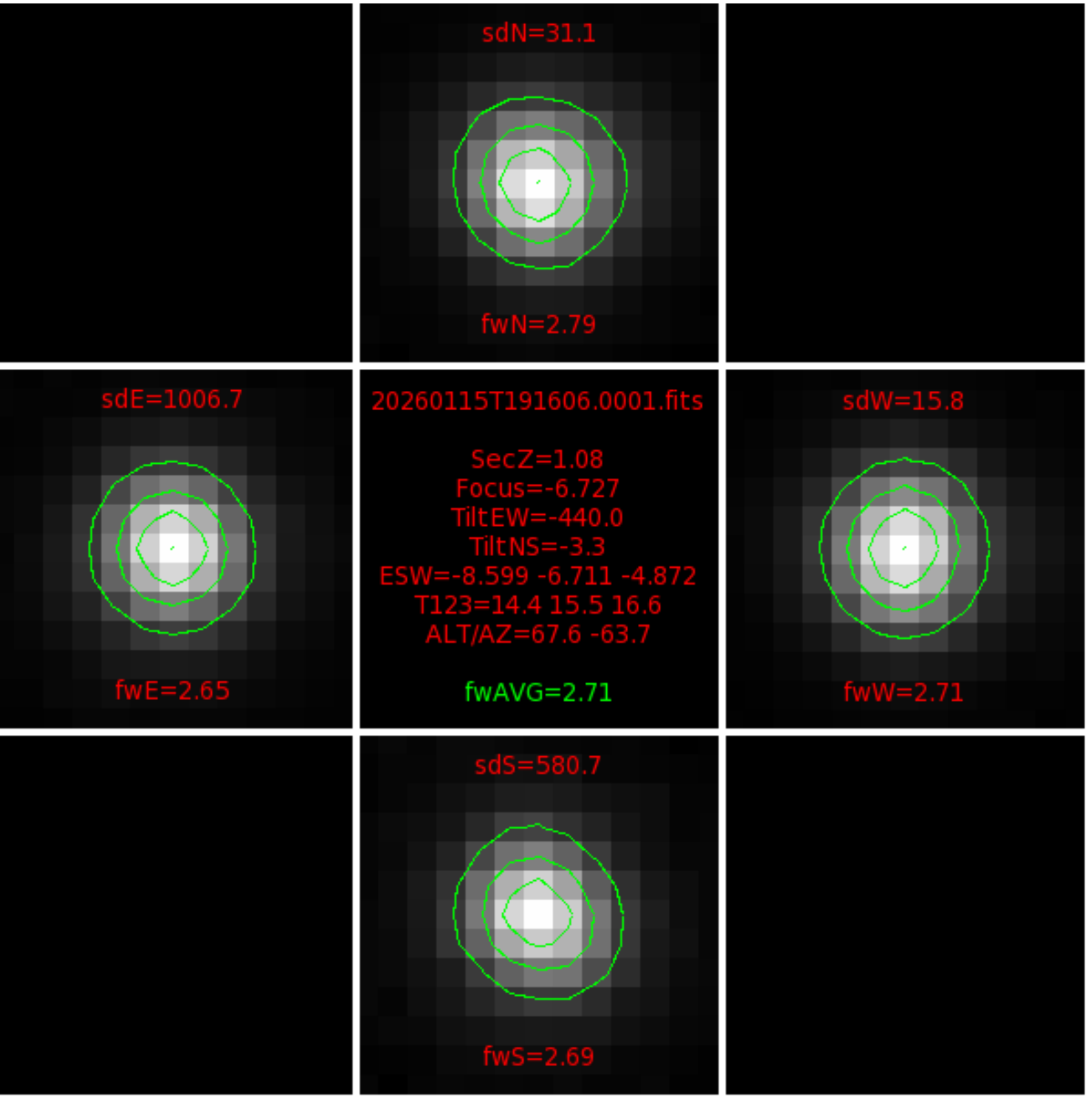
sdN=31.1
fwN=2.79
sdE=1006.7
fwE=2.65
20260115T191606.0001.fits
SecZ=1.08
Focus=-6.727
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.599 -6.711 -4.872
T123=14.4 15.5 16.6
ALT/AZ=67.6 -63.7
fwAVG=2.71
sdW=15.8
fwW=2.71
sdS=580.7
fwS=2.69
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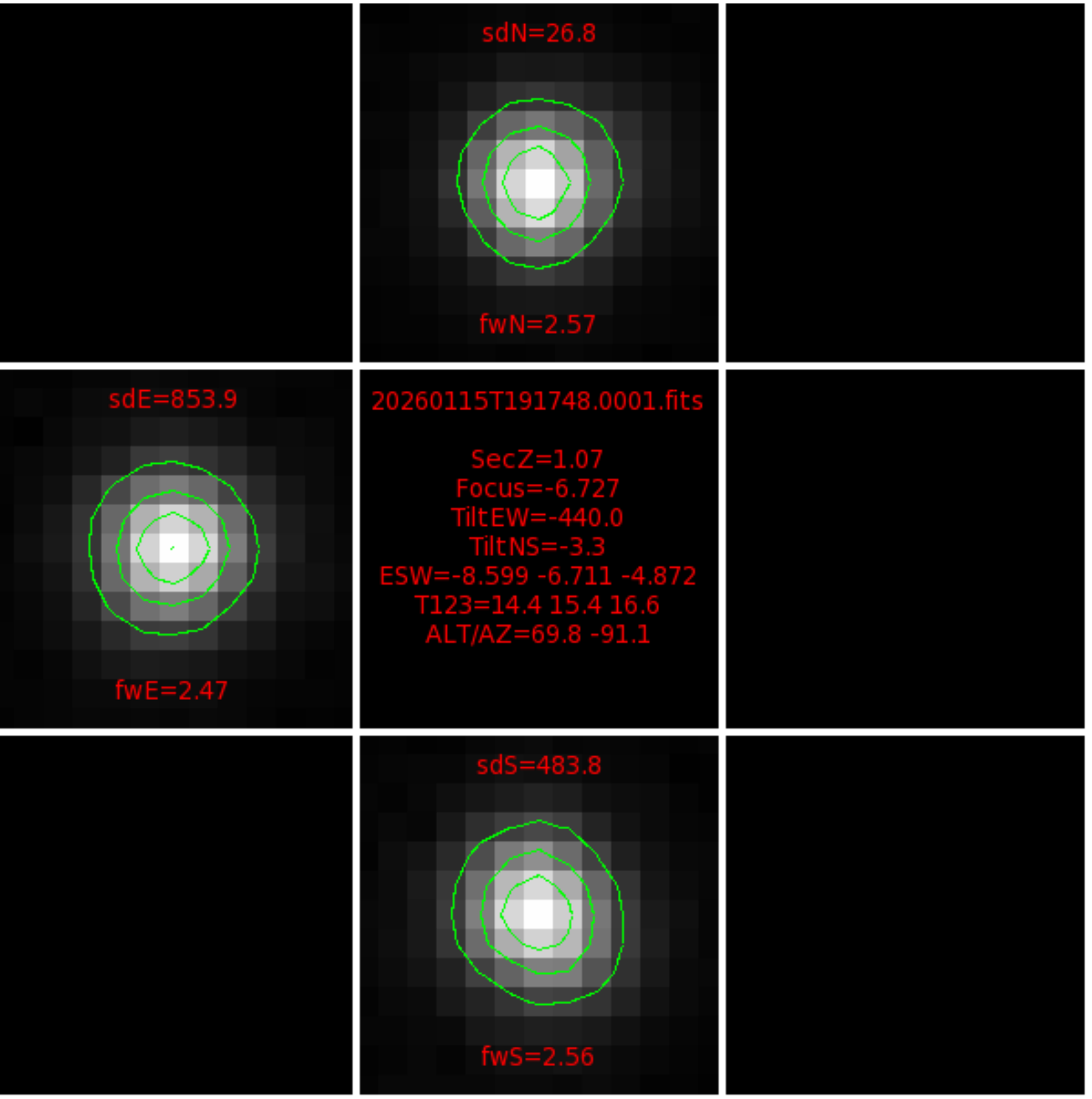
sdN=26.8
fwN=2.57
sdE=853.9
fwE=2.47
20260115T191748.0001.fits
SecZ=1.07
Focus=-6.727
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.599 -6.711 -4.872
T123=14.4 15.4 16.6
ALT/AZ=69.8 -91.1
sdS=483.8
fwS=2.56
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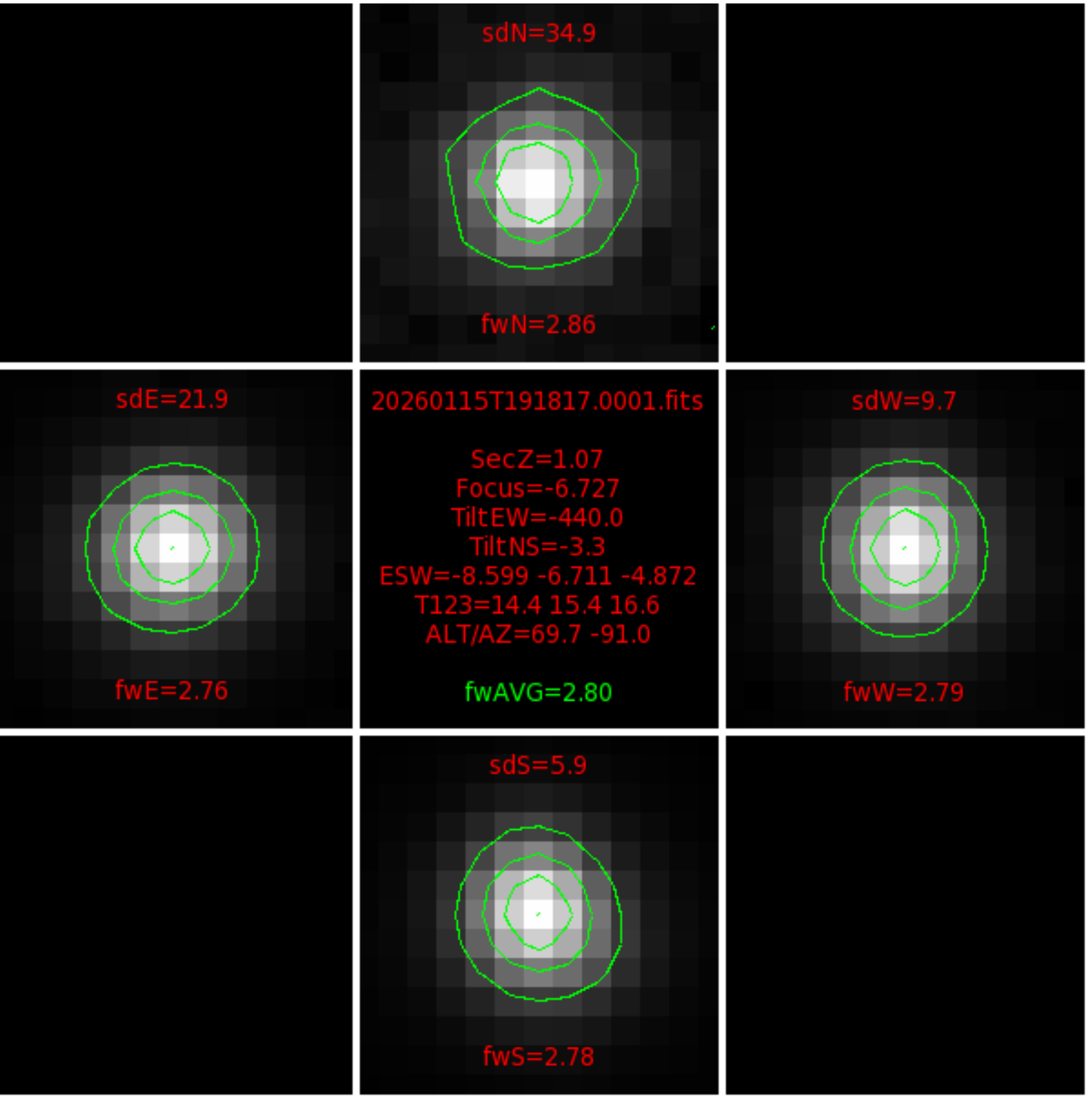
sdN=34.9
fwN=2.86
sdE=21.9
fwE=2.76
20260115T191817.0001.fits
SecZ=1.07
Focus=-6.727
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.599 -6.711 -4.872
T123=14.4 15.4 16.6
ALT/AZ=69.7 -91.0
fwAVG=2.80
sdW=9.7
fwW=2.79
sdS=5.9
fwS=2.78
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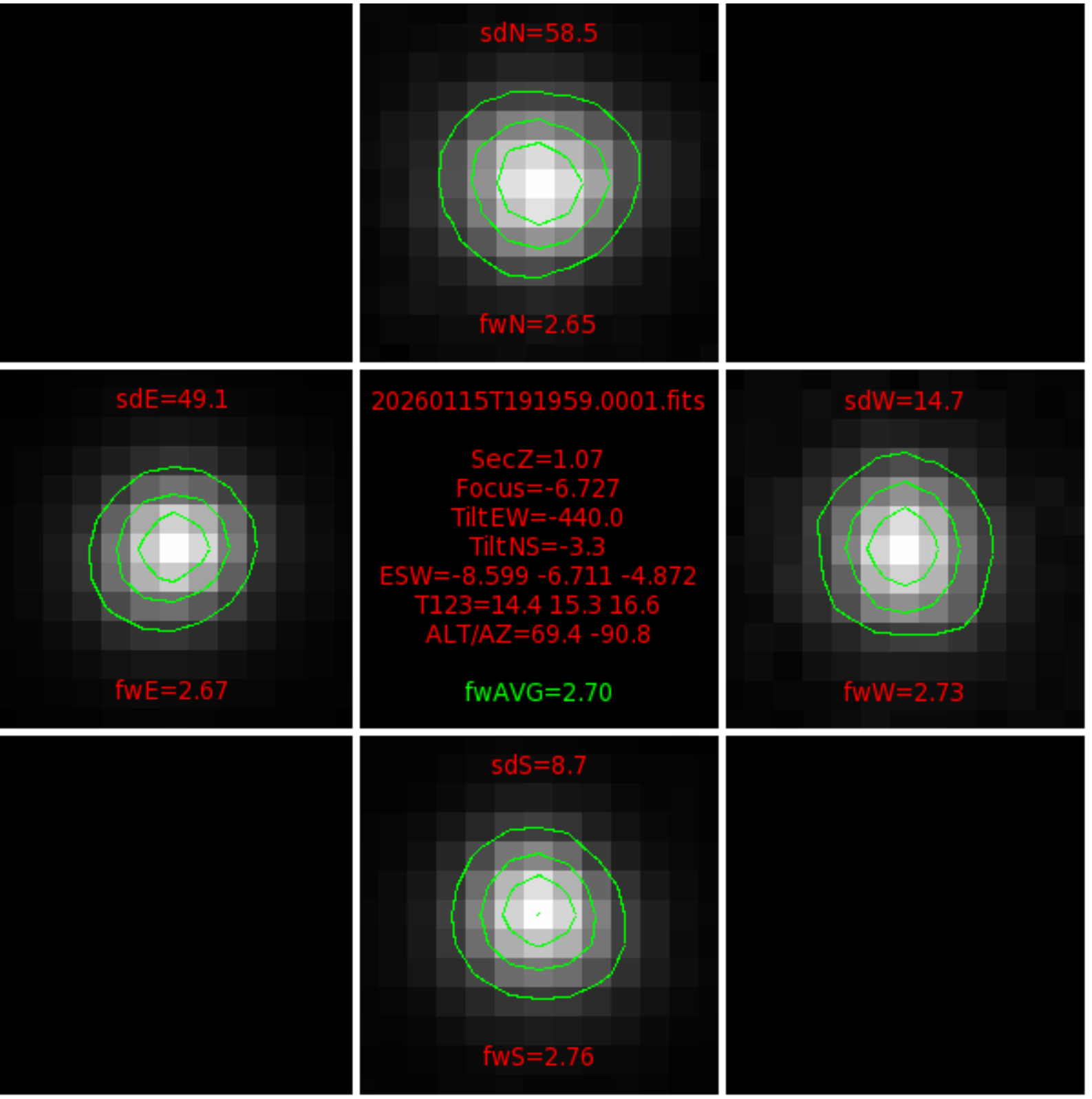
sdN=58.5
fwN=2.65
sdE=49.1
fwE=2.67
20260115T191959.0001.fits
SecZ=1.07
Focus=-6.727
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.599 -6.711 -4.872
T123=14.4 15.3 16.6
ALT/AZ=69.4 -90.8
fwAVG=2.70
sdW=14.7
fwW=2.73
sdS=8.7
fwS=2.76
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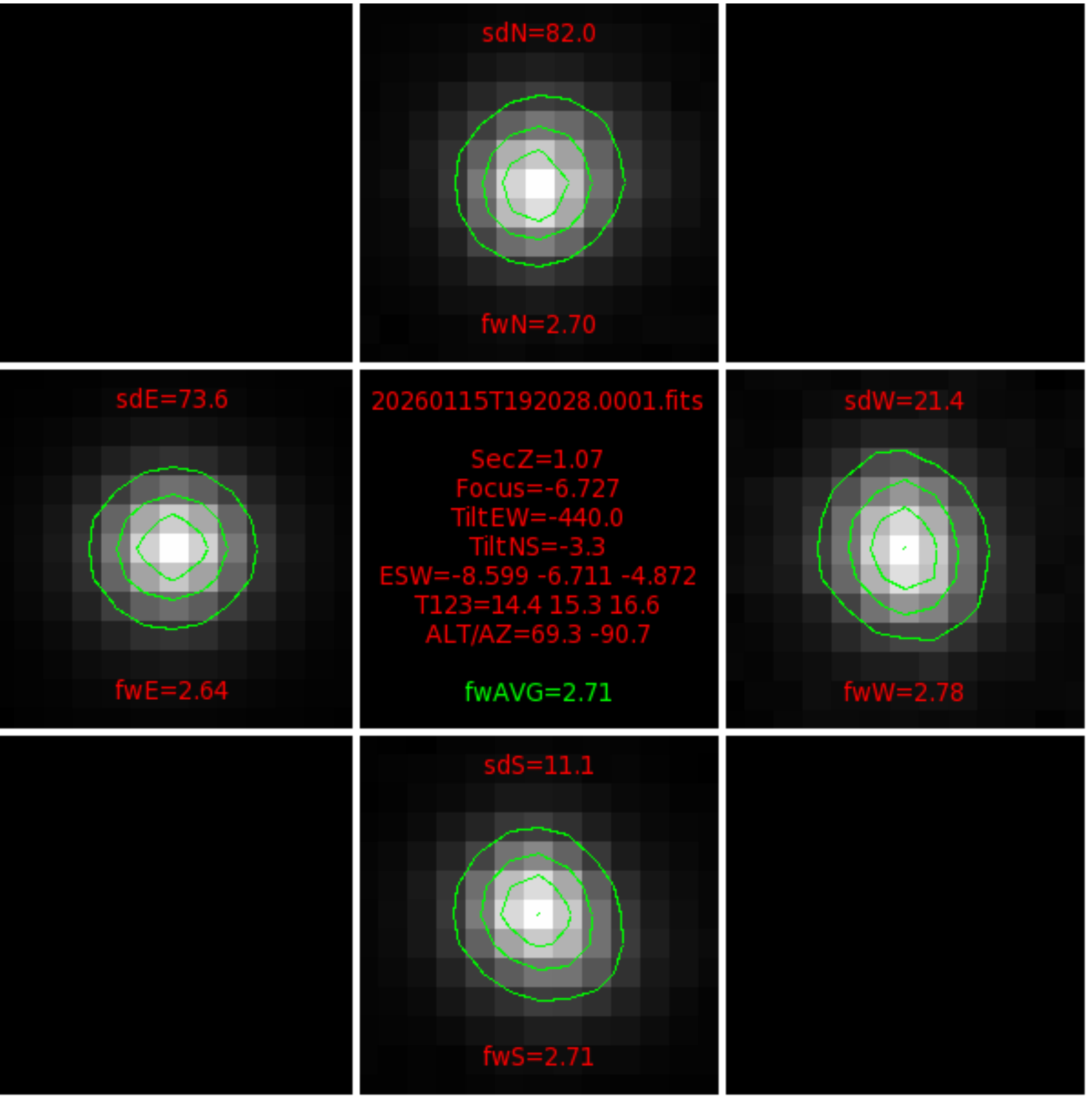
sdN=82.0
fwN=2.70
sdE=73.6
fwE=2.64
20260115T192028.0001.fits
SecZ=1.07
Focus=-6.727
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.599 -6.711 -4.872
T123=14.4 15.3 16.6
ALT/AZ=69.3 -90.7
fwAVG=2.71
sdW=21.4
fwW=2.78
sdS=11.1
fwS=2.71
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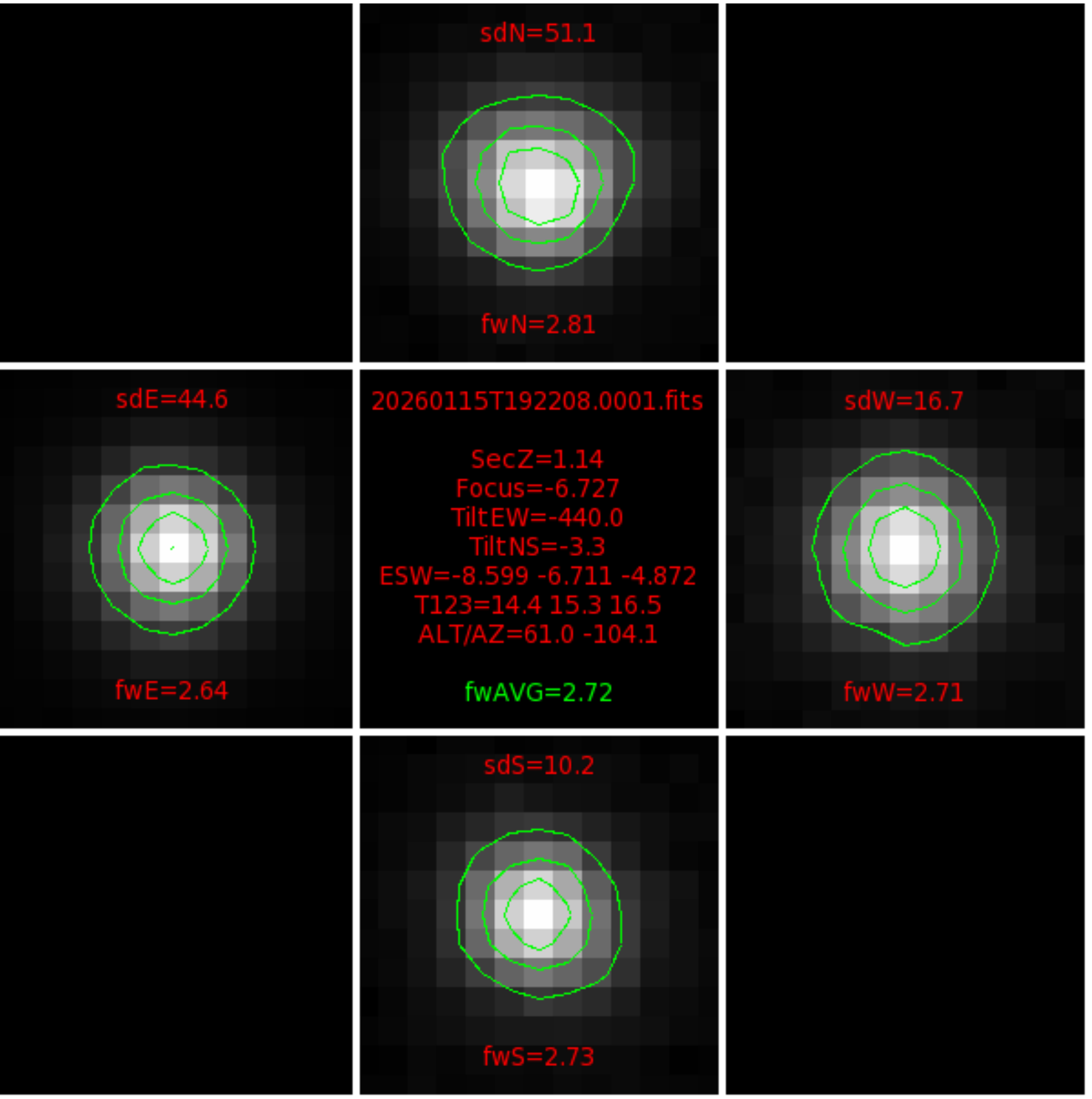
sdN=51.1
fwN=2.81
sdE=44.6
fwE=2.64
20260115T192208.0001.fits
SecZ=1.14
Focus=-6.727
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.599 -6.711 -4.872
T123=14.4 15.3 16.5
ALT/AZ=61.0 -104.1
fwAVG=2.72
sdW=16.7
fwW=2.71
sdS=10.2
fwS=2.73
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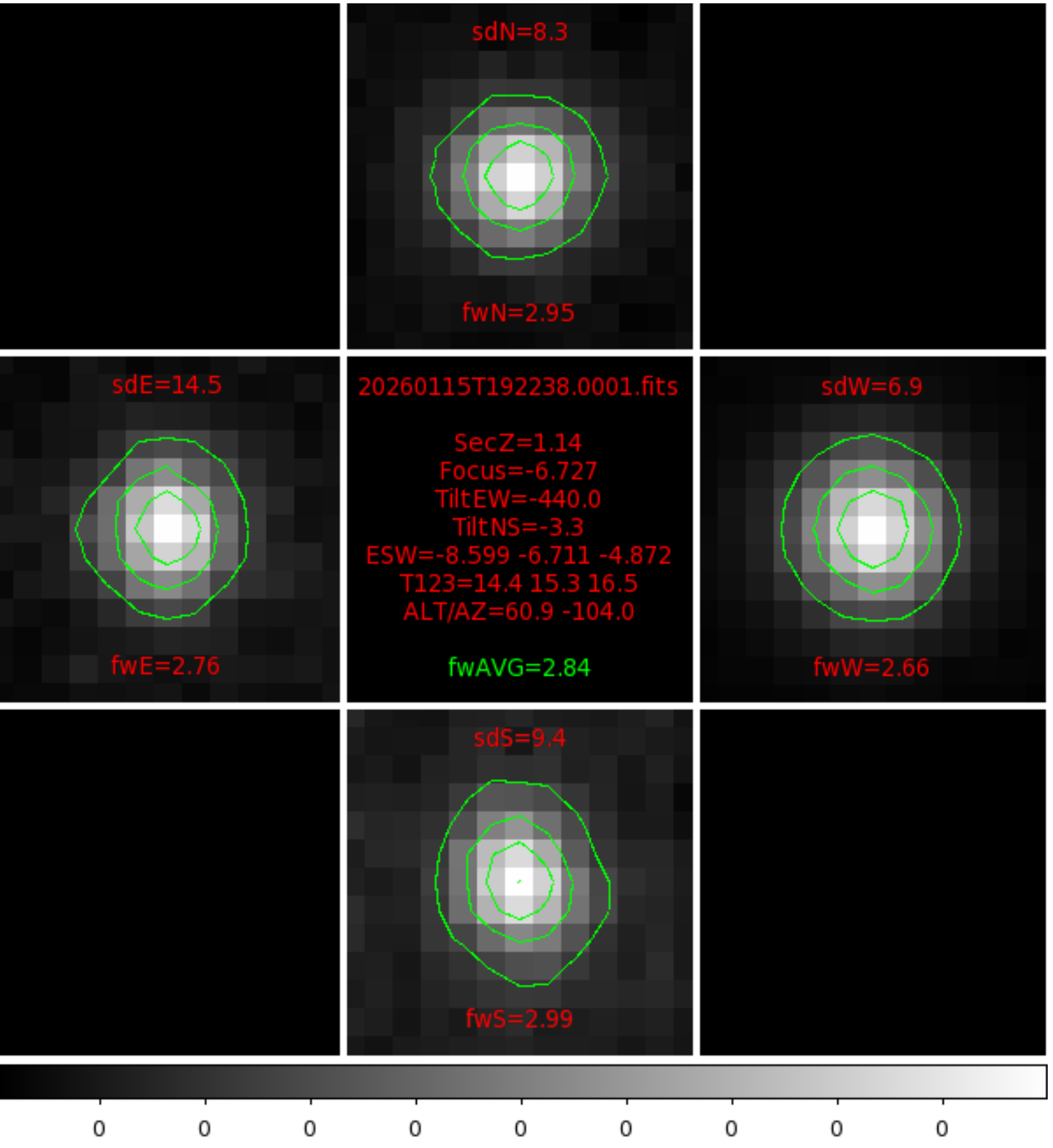
sdN=8.3
fwN=2.95
sdE=14.5
fwE=2.76
20260115T192238.0001.fits
SecZ=1.14
Focus=-6.727
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.599 -6.711 -4.872
T123=14.4 15.3 16.5
ALT/AZ=60.9 -104.0
fwAVG=2.84
sdW=6.9
fwW=2.66
sdS=9.4
fwS=2.99
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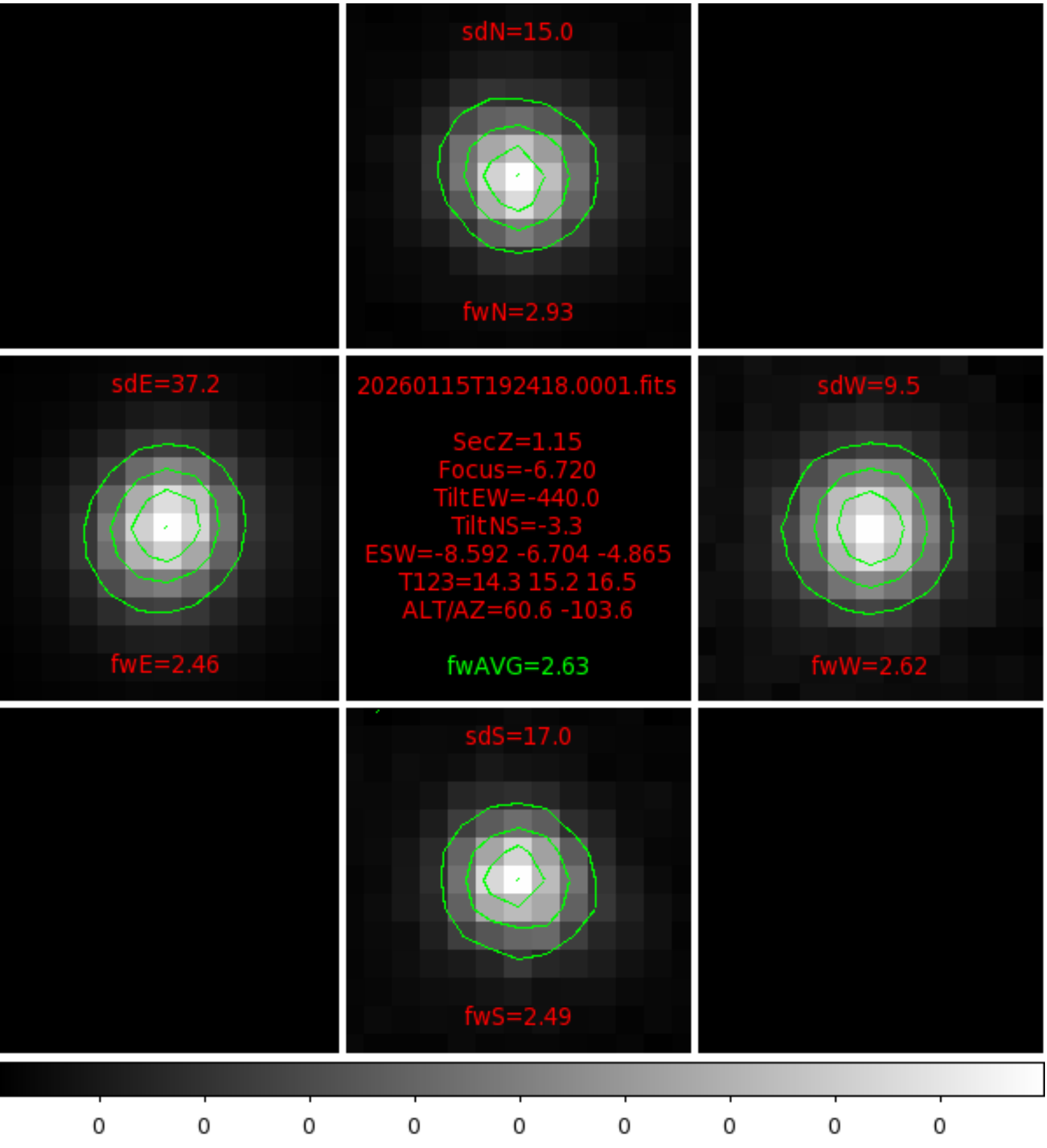
sdN=15.0
fwN=2.93
sdE=37.2
fwE=2.46
20260115T192418.0001.fits
SecZ=1.15
Focus=-6.720
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.592 -6.704 -4.865
T123=14.3 15.2 16.5
ALT/AZ=60.6 -103.6
fwAVG=2.63
sdW=9.5
fwW=2.62
sdS=17.0
fwS=2.49
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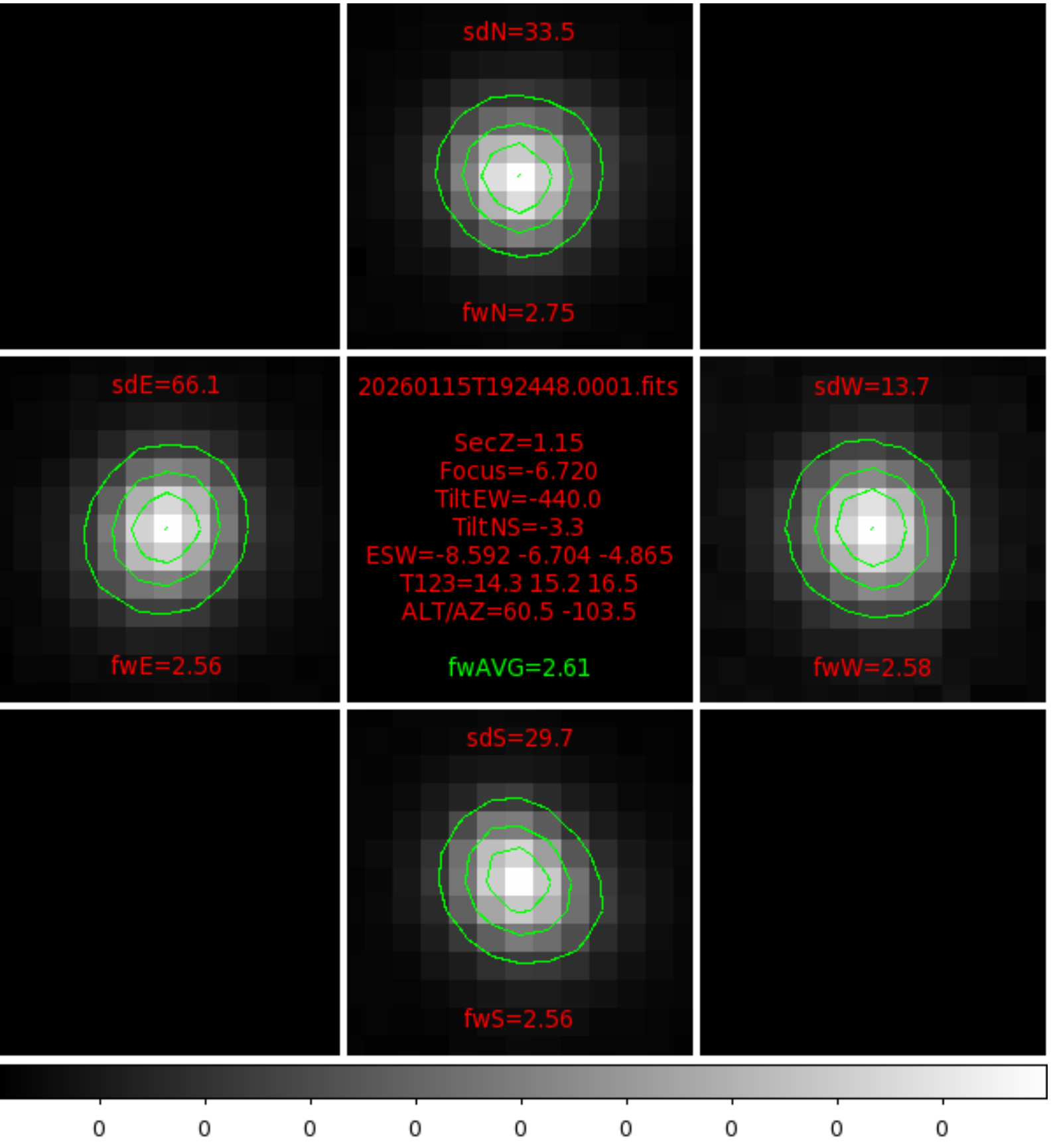
sdN=33.5
fwN=2.75
sdE=66.1
fwE=2.56
20260115T192448.0001.fits
SecZ=1.15
Focus=-6.720
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.592 -6.704 -4.865
T123=14.3 15.2 16.5
ALT/AZ=60.5 -103.5
fwAVG=2.61
sdW=13.7
fwW=2.58
sdS=29.7
fwS=2.56
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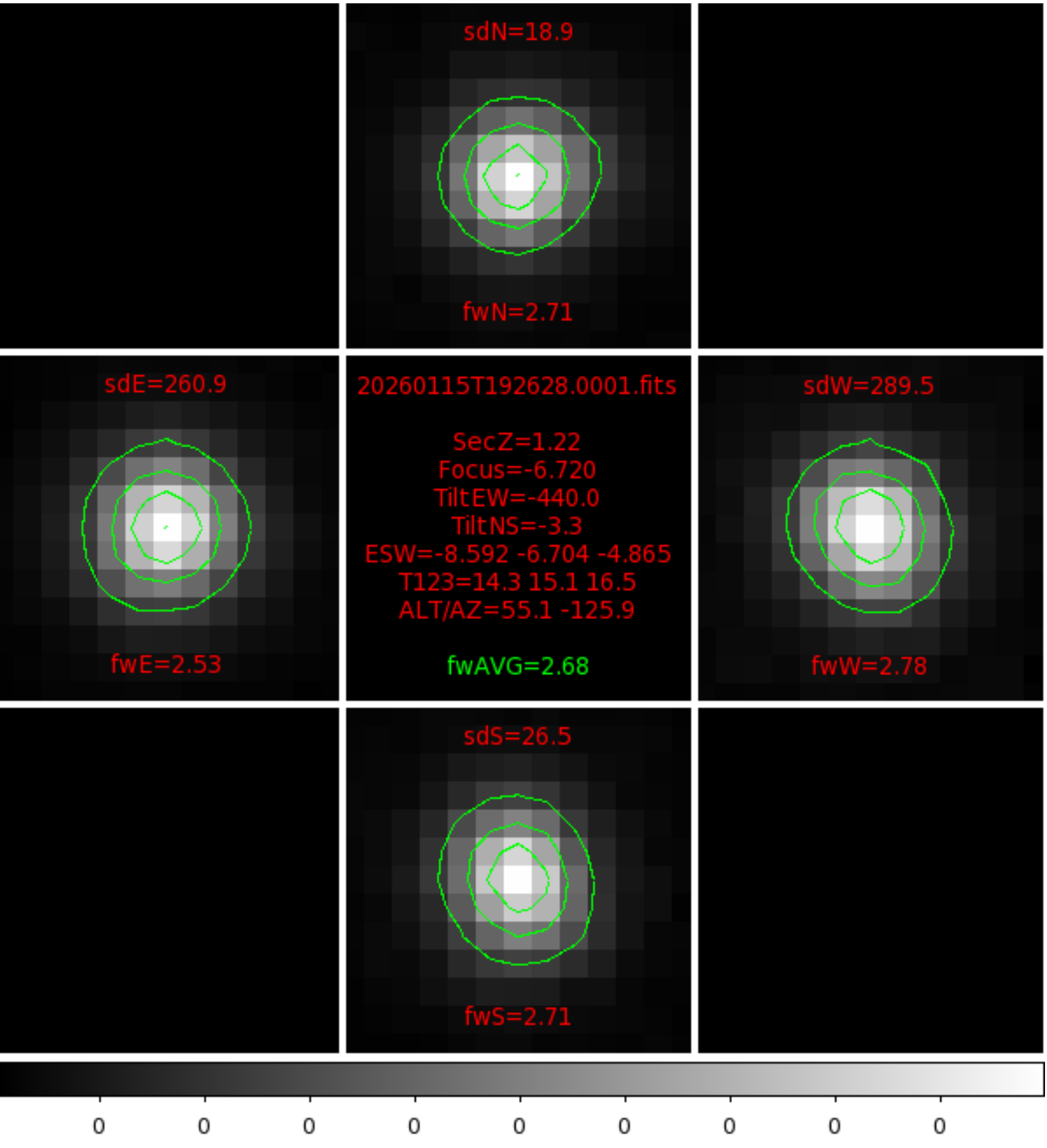
sdN=18.9
fwN=2.71
sdE=260.9
fwE=2.53
20260115T192628.0001.fits
SecZ=1.22
Focus=-6.720
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.592 -6.704 -4.865
T123=14.3 15.1 16.5
ALT/AZ=55.1 -125.9
fwAVG=2.68
sdW=289.5
fwW=2.78
sdS=26.5
fwS=2.71
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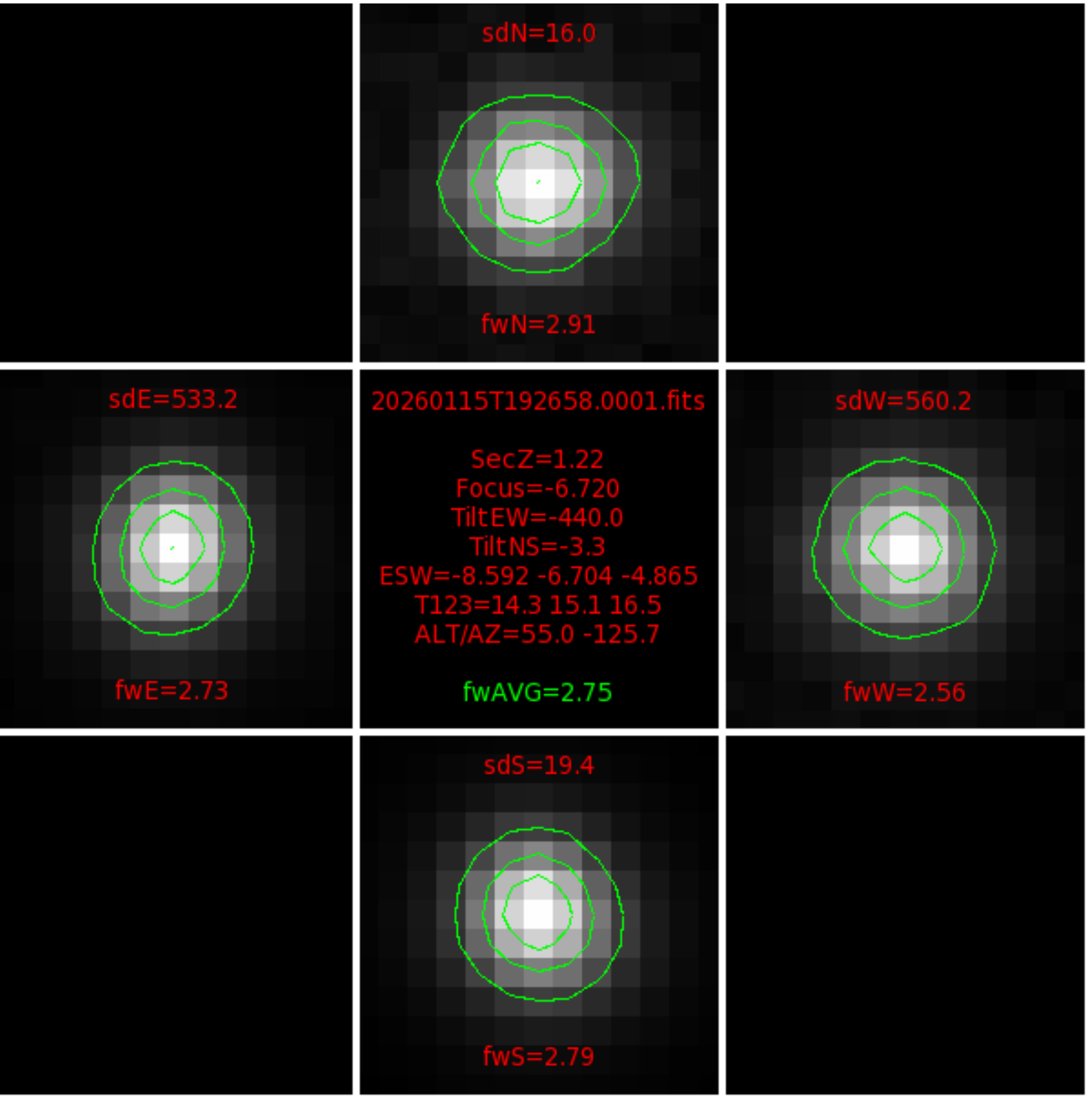
sdN=16.0
fwN=2.91
sdE=533.2
fwE=2.73
20260115T192658.0001.fits
SecZ=1.22
Focus=-6.720
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.592 -6.704 -4.865
T123=14.3 15.1 16.5
ALT/AZ=55.0 -125.7
fwAVG=2.75
sdW=560.2
fwW=2.56
sdS=19.4
fwS=2.79
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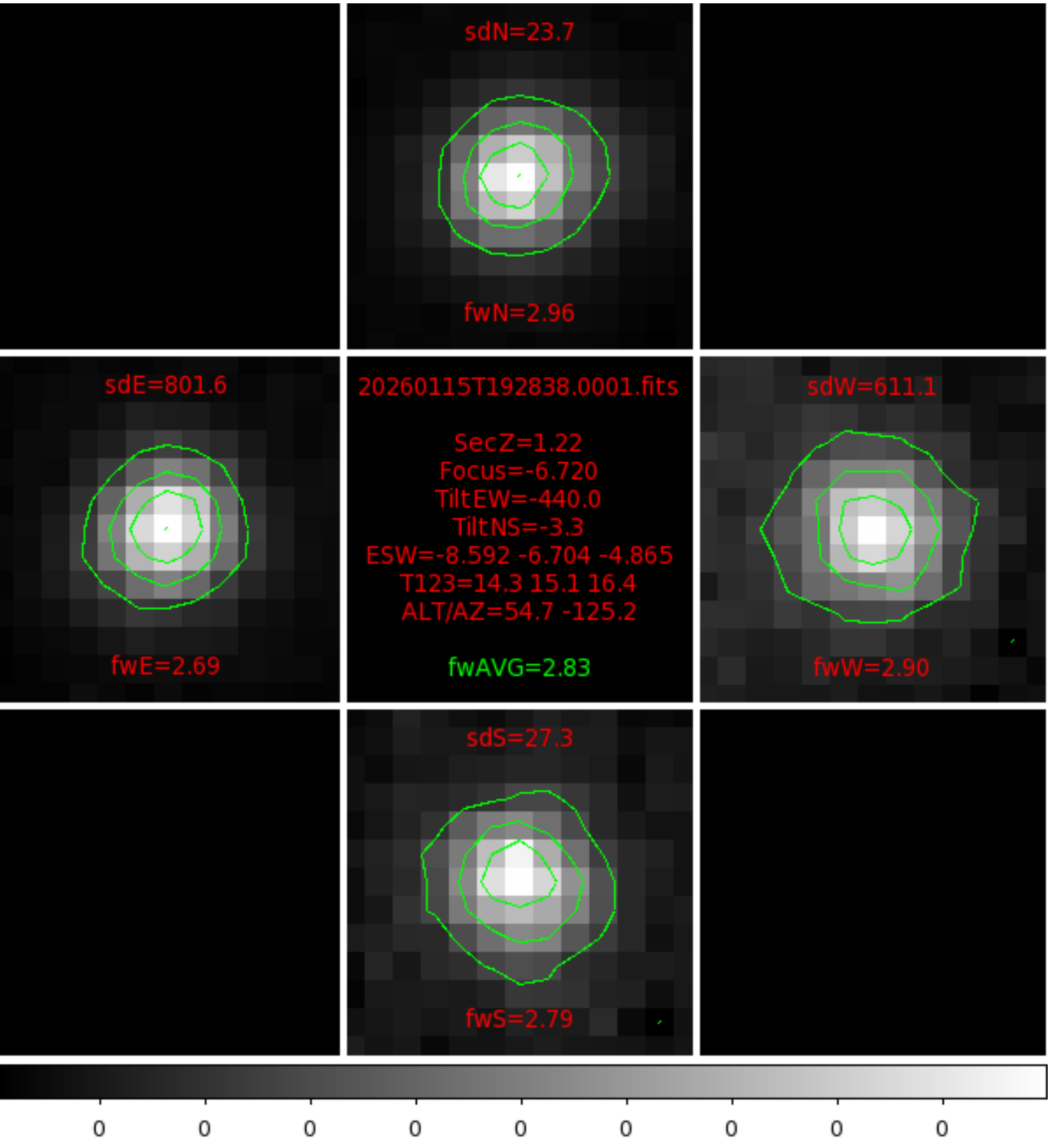
sdN=23.7
fwN=2.96
sdE=801.6
fwE=2.69
20260115T192838.0001.fits
SecZ=1.22
Focus=-6.720
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.592 -6.704 -4.865
T123=14.3 15.1 16.4
ALT/AZ=54.7 -125.2
fwAVG=2.83
sdW=611.1
fwW=2.90
sdS=27.3
fwS=2.79
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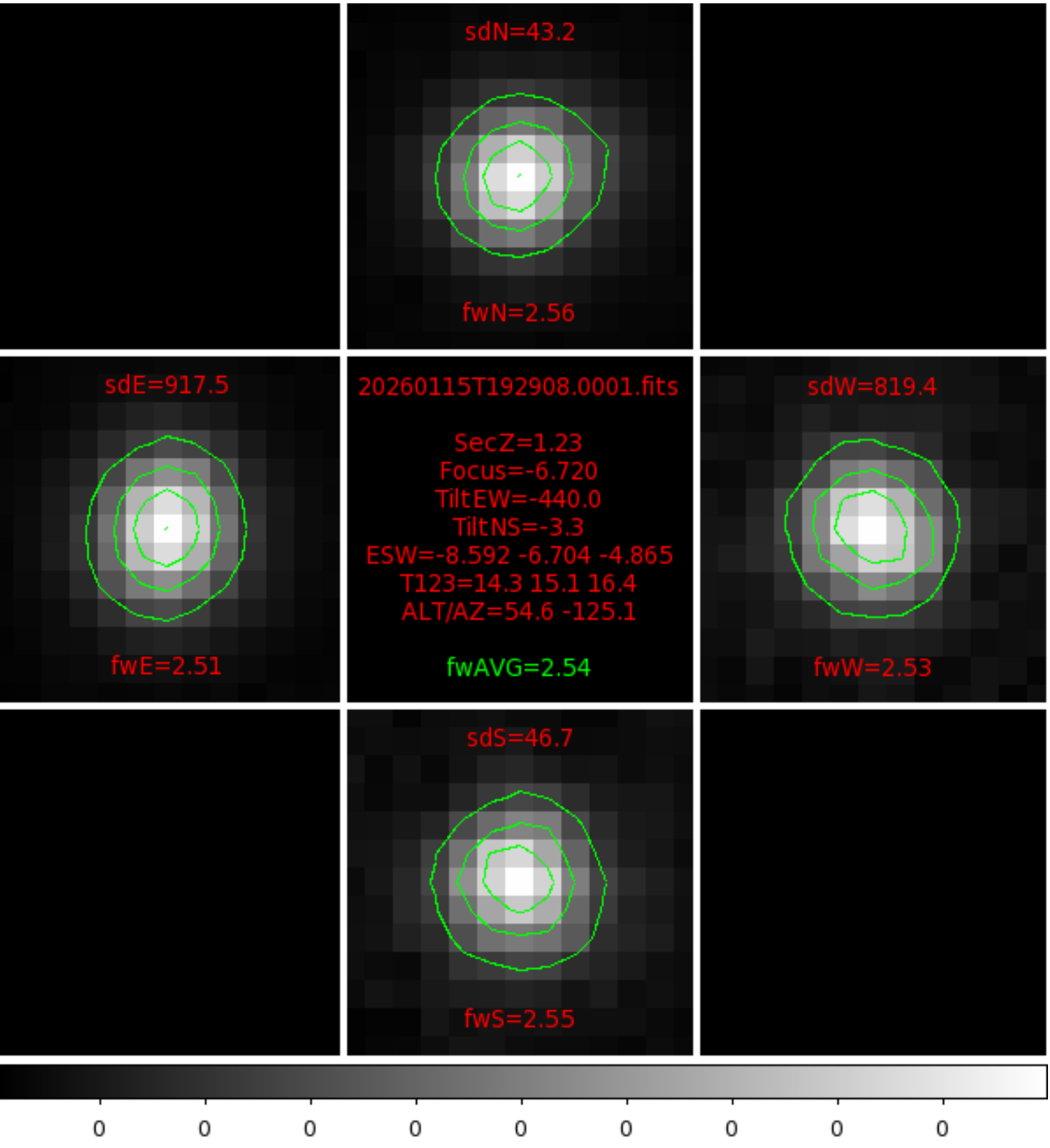
sdN=43.2
fwN=2.56
sdE=917.5
fwE=2.51
20260115T192908.0001.fits
SecZ=1.23
Focus=-6.720
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.592 -6.704 -4.865
T123=14.3 15.1 16.4
ALT/AZ=54.6 -125.1
fwAVG=2.54
sdW=819.4
fwW=2.53
sdS=46.7
fwS=2.55
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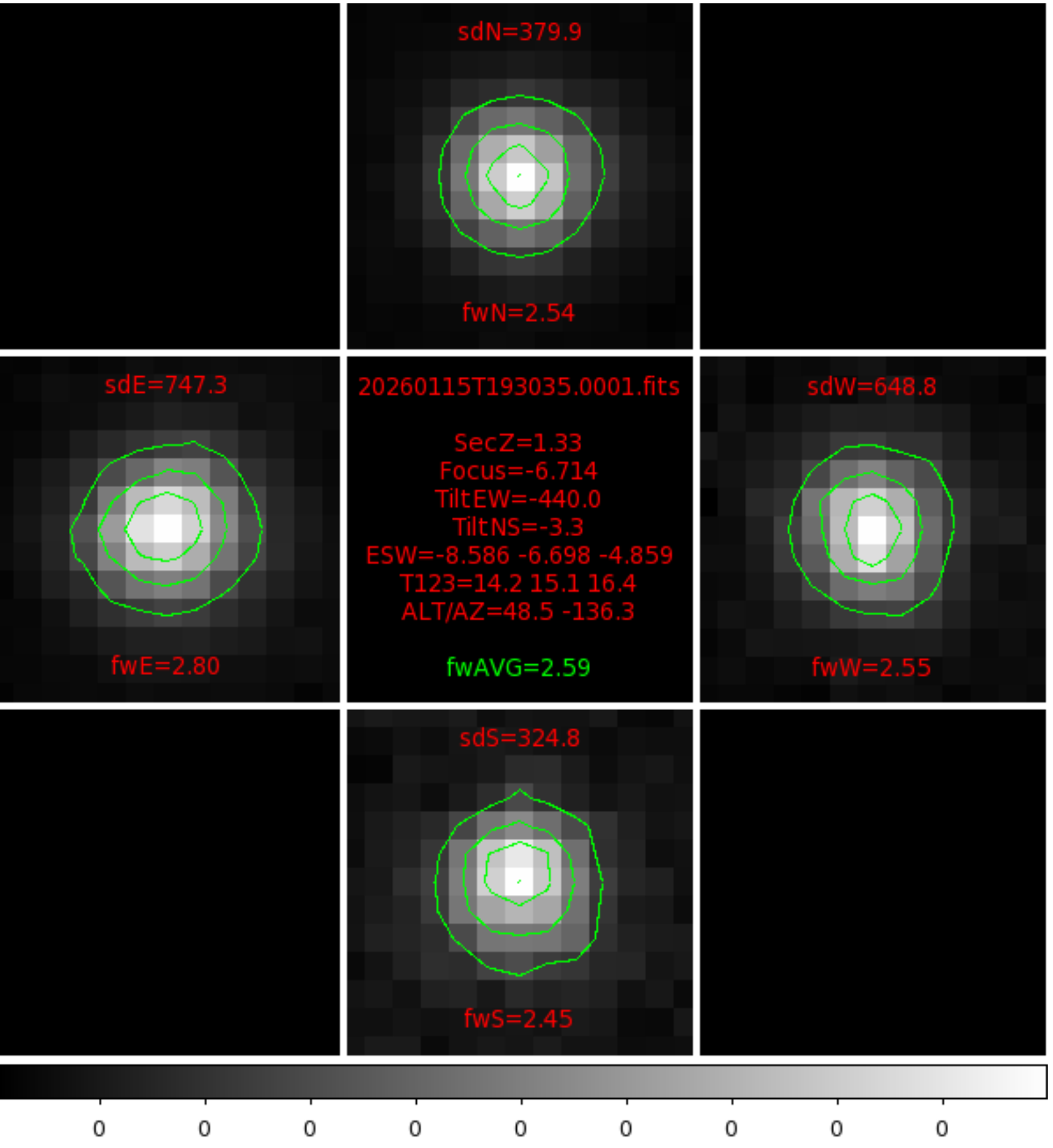
sdN=379.9
fwN=2.54
sdE=747.3
fwE=2.80
20260115T193035.0001.fits
SecZ=1.33
Focus=-6.714
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.586 -6.698 -4.859
T123=14.2 15.1 16.4
ALT/AZ=48.5 -136.3
fwAVG=2.59
sdW=648.8
fwW=2.55
sdS=324.8
fwS=2.45
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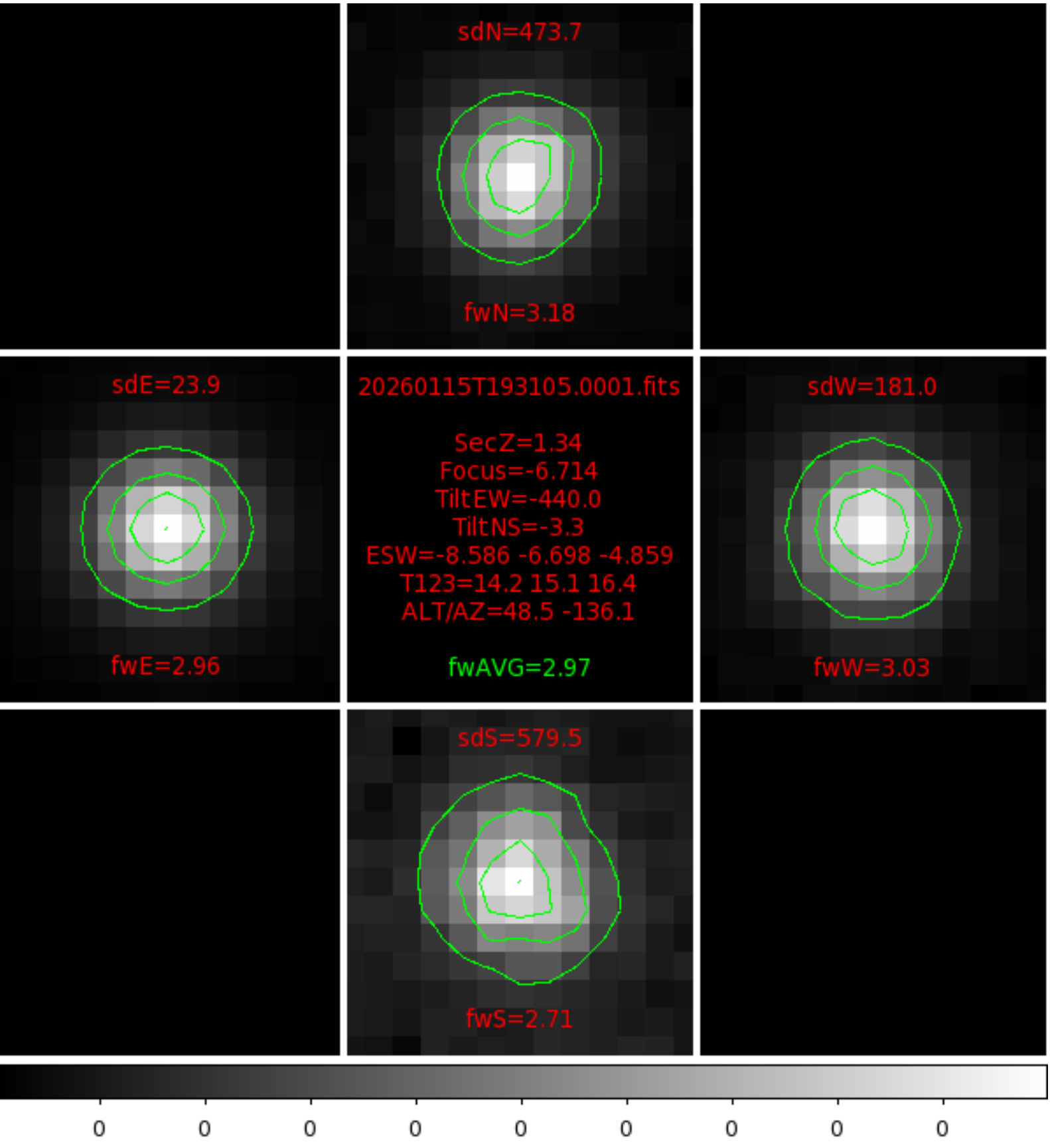
sdN=473.7
fwN=3.18
sdE=23.9
fwE=2.96
20260115T193105.0001.fits
SecZ=1.34
Focus=-6.714
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.586 -6.698 -4.859
T123=14.2 15.1 16.4
ALT/AZ=48.5 -136.1
fwAVG=2.97
sdW=181.0
fwW=3.03
sdS=579.5
fwS=2.71
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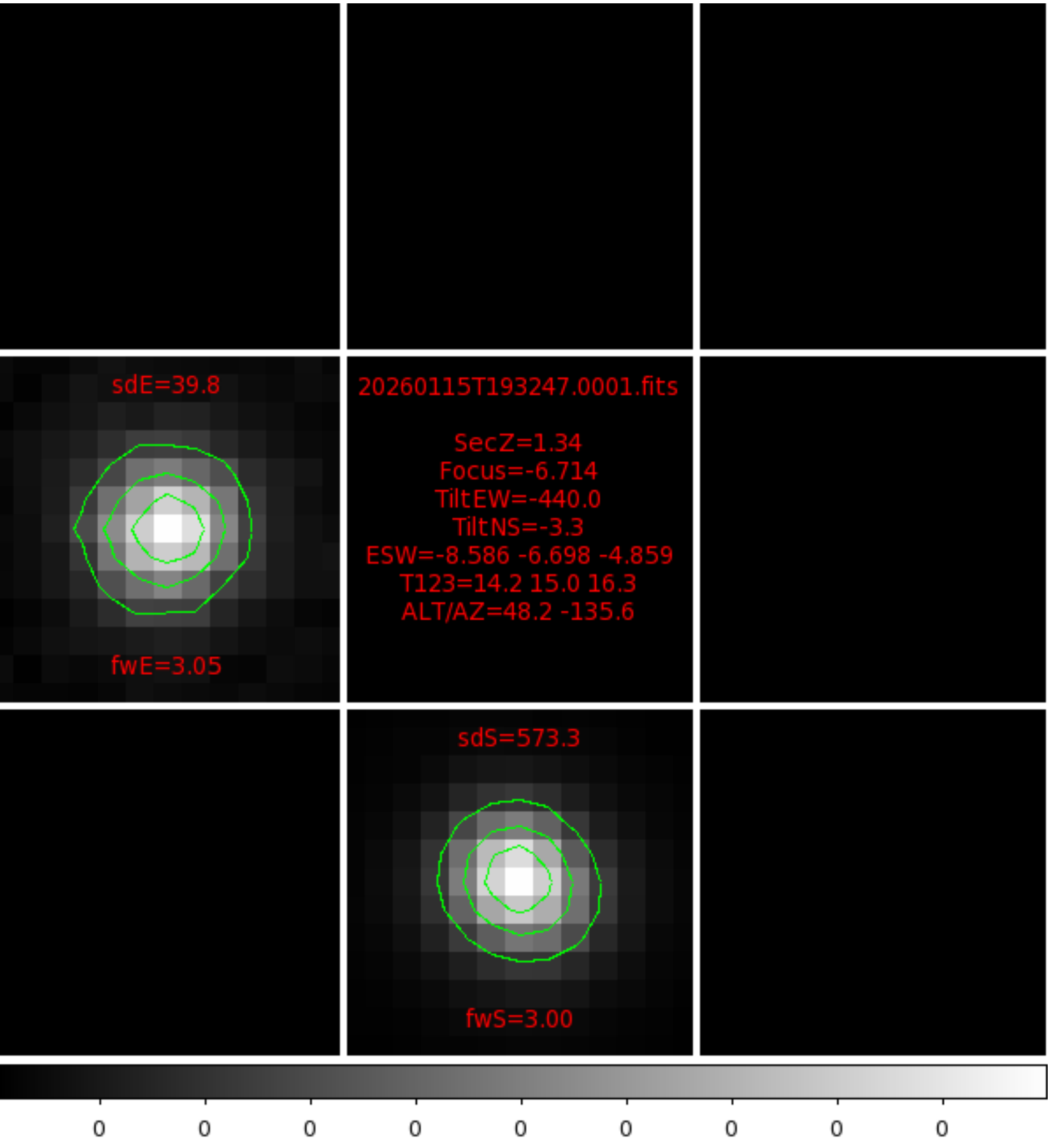
sdE=39.8
fwE=3.05
20260115T193247.0001.fits
SecZ=1.34
Focus=-6.714
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.586 -6.698 -4.859
T123=14.2 15.0 16.3
ALT/AZ=48.2 -135.6
sdS=573.3
fwS=3.00
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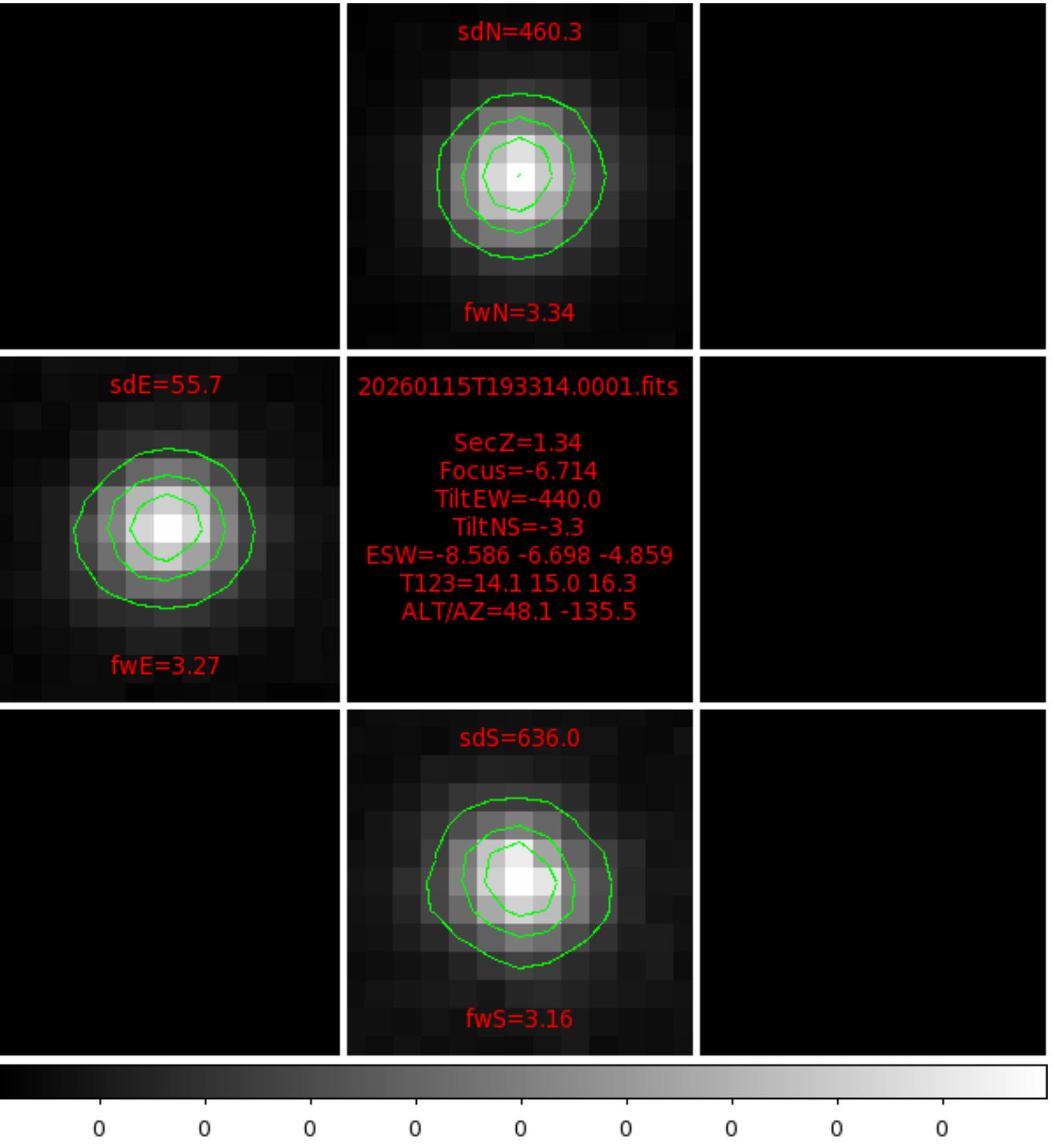
sdN=460.3
fwN=3.34
sdE=55.7
fwE=3.27
20260115T193314.0001.fits
SecZ=1.34
Focus=-6.714
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.586 -6.698 -4.859
T123=14.1 15.0 16.3
ALT/AZ=48.1 -135.5
sdS=636.0
fwS=3.16
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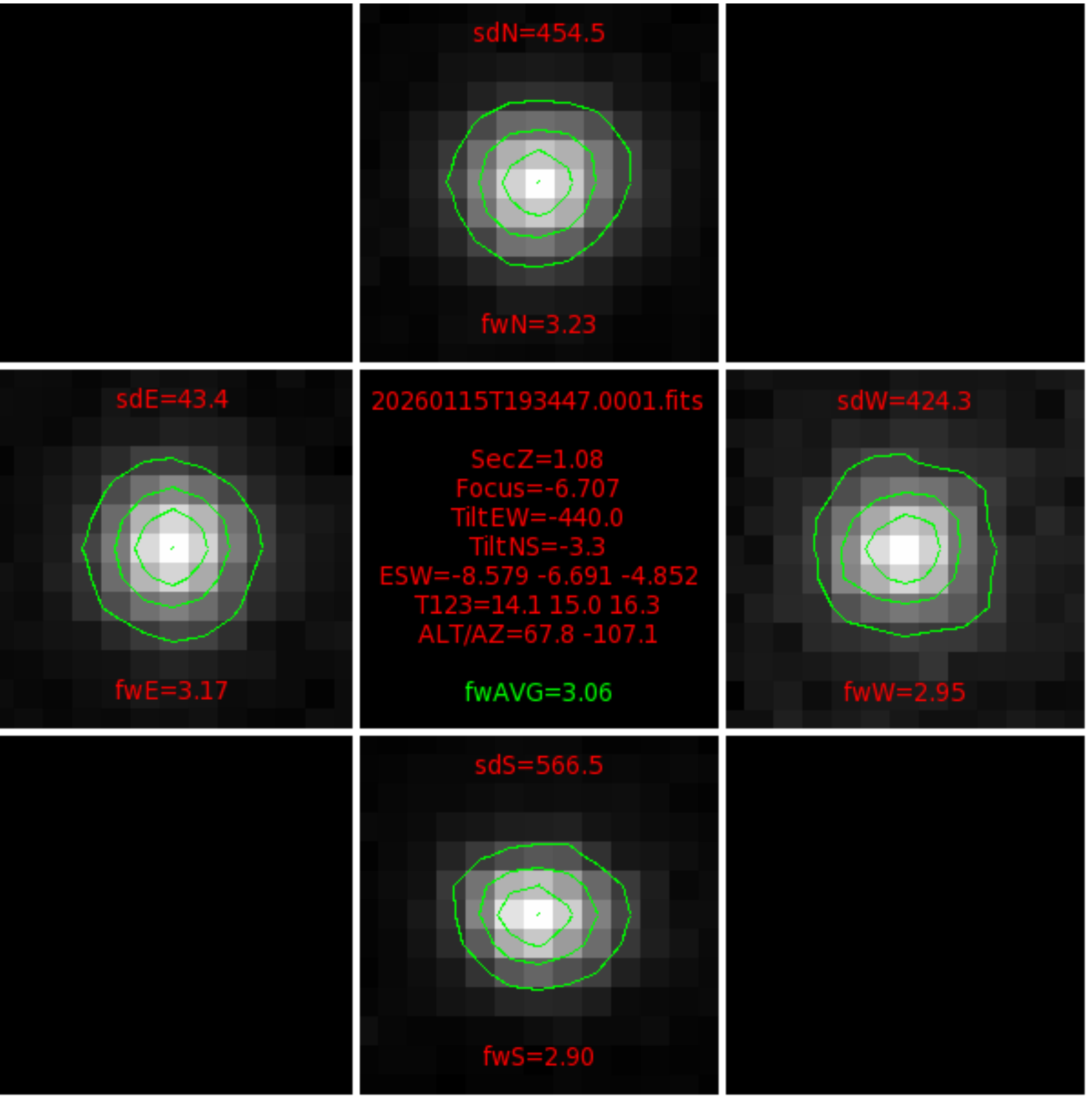
sdN=454.5
fwN=3.23
sdE=43.4
fwE=3.17
20260115T193447.0001.fits
SecZ=1.08
Focus=-6.707
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.579 -6.691 -4.852
T123=14.1 15.0 16.3
ALT/AZ=67.8 -107.1
fwAVG=3.06
sdW=424.3
fwW=2.95
sdS=566.5
fwS=2.90
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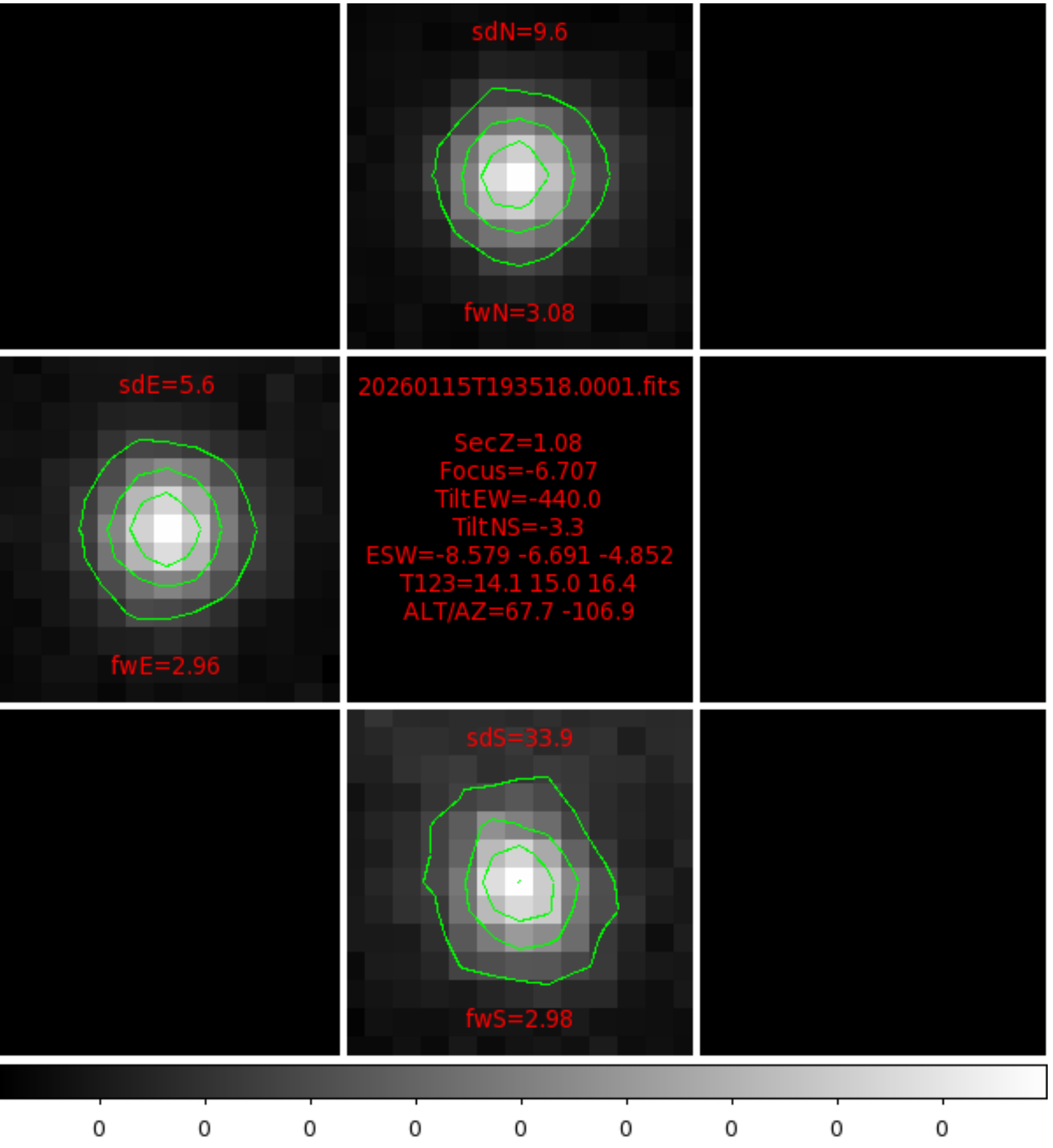
sdN=9.6
fwN=3.08
sdE=5.6
fwE=2.96
20260115T193518.0001.fits
SecZ=1.08
Focus=-6.707
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.579 -6.691 -4.852
T123=14.1 15.0 16.4
ALT/AZ=67.7 -106.9
sdS=33.9
fwS=2.98
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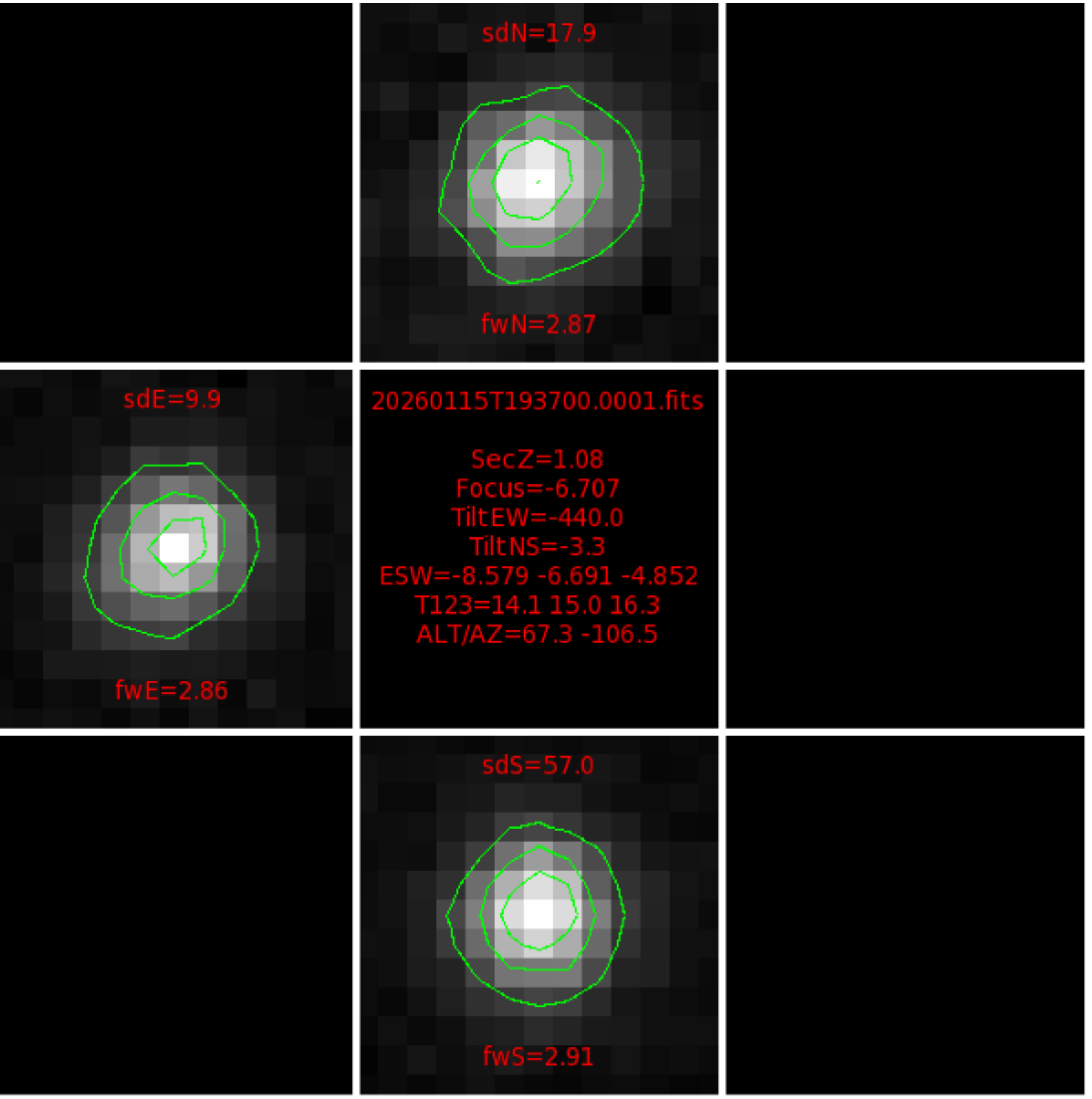
sdN=17.9
fwN=2.87
sdE=9.9
fwE=2.86
20260115T193700.0001.fits
SecZ=1.08
Focus=-6.707
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.579 -6.691 -4.852
T123=14.1 15.0 16.3
ALT/AZ=67.3 -106.5
sdS=57.0
fwS=2.91
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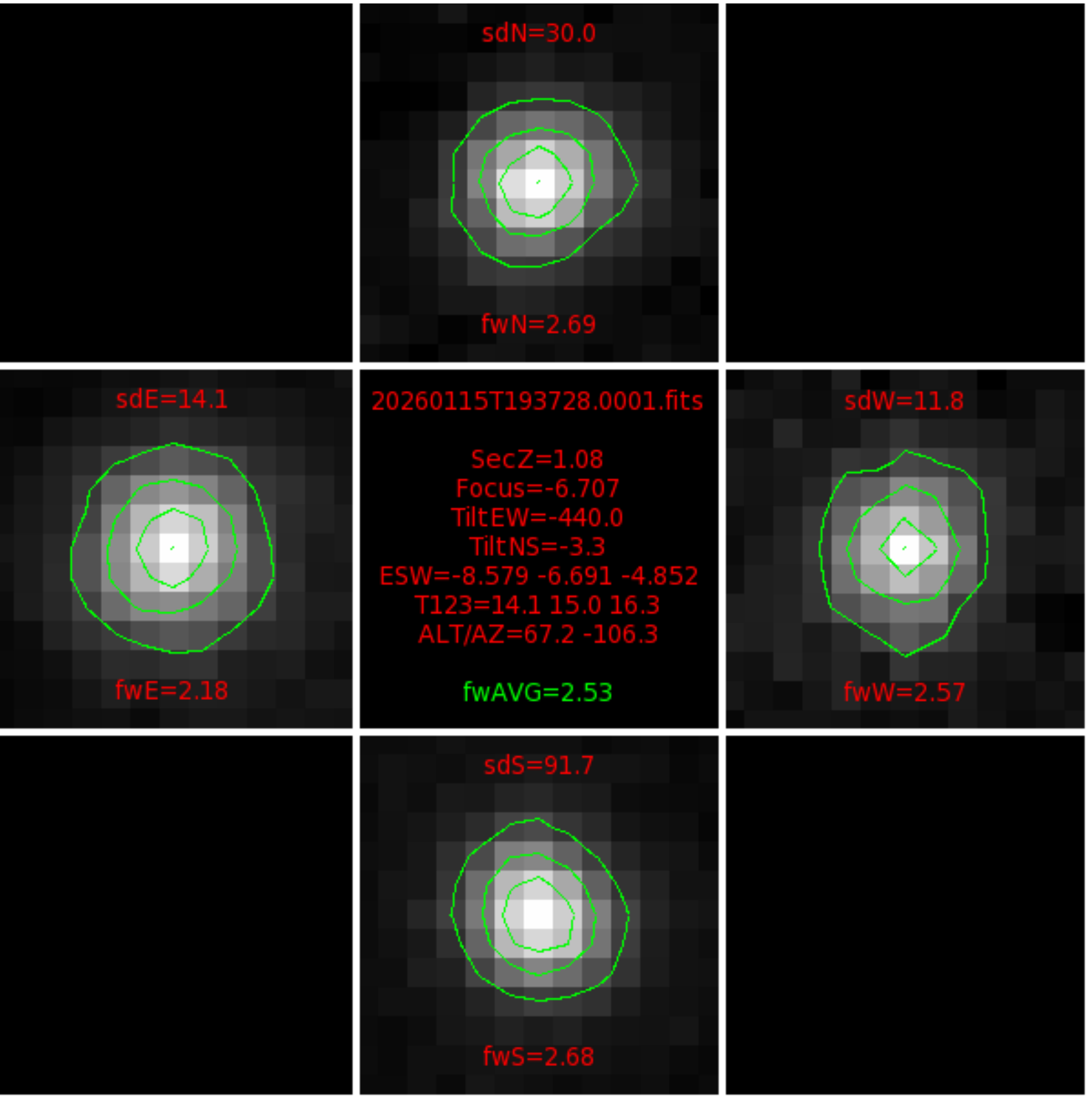
sdN=30.0
fwN=2.69
sdE=14.1
fwE=2.18
20260115T193728.0001.fits
SecZ=1.08
Focus=-6.707
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.579 -6.691 -4.852
T123=14.1 15.0 16.3
ALT/AZ=67.2 -106.3
fwAVG=2.53
sdW=11.8
fwW=2.57
sdS=91.7
fwS=2.68
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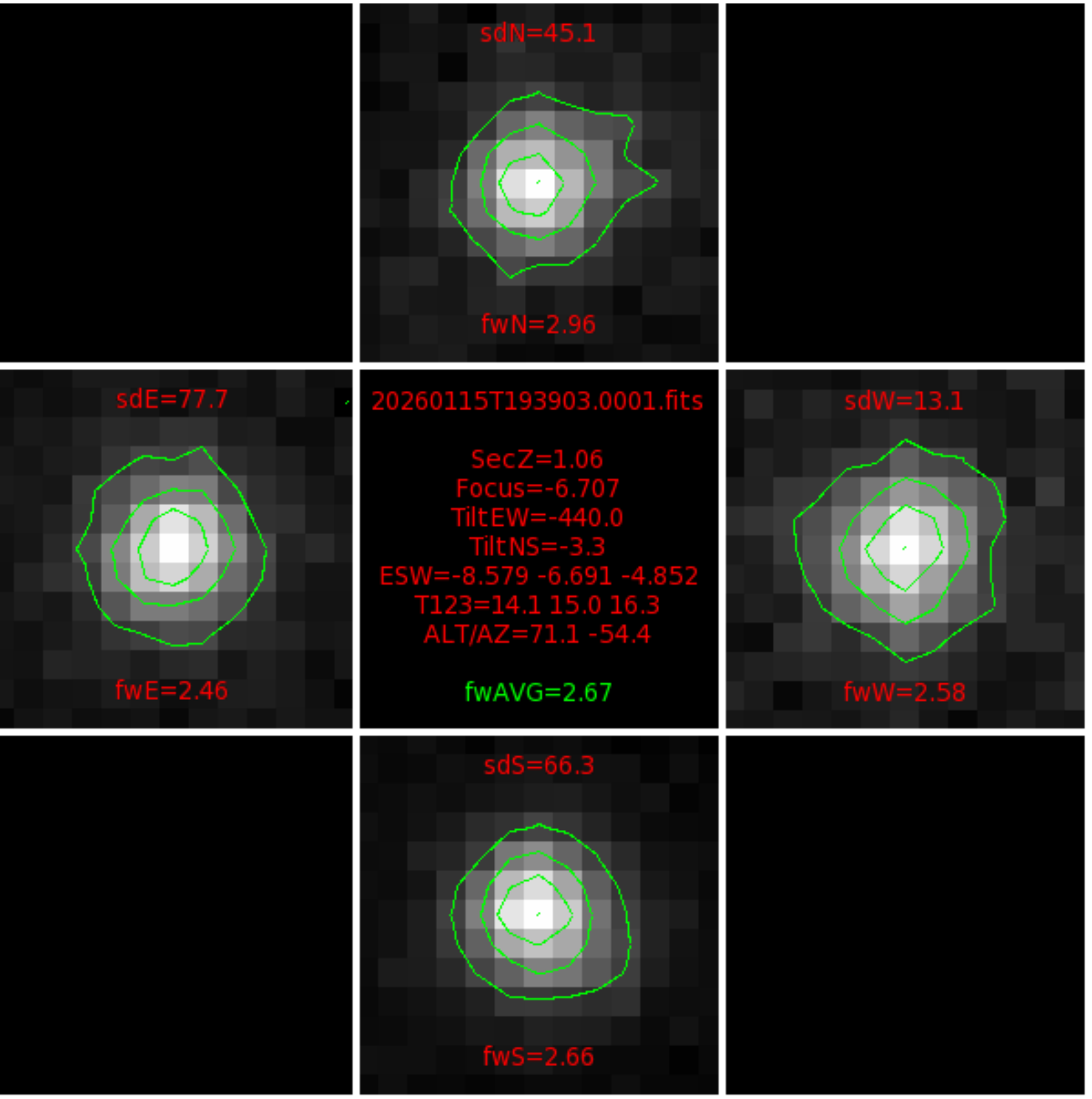
sdN=45.1
fwN=2.96
sdE=77.7
fwE=2.46
20260115T193903.0001.fits
SecZ=1.06
Focus=-6.707
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.579 -6.691 -4.852
T123=14.1 15.0 16.3
ALT/AZ=71.1 -54.4
fwAVG=2.67
sdW=13.1
fwW=2.58
sdS=66.3
fwS=2.66
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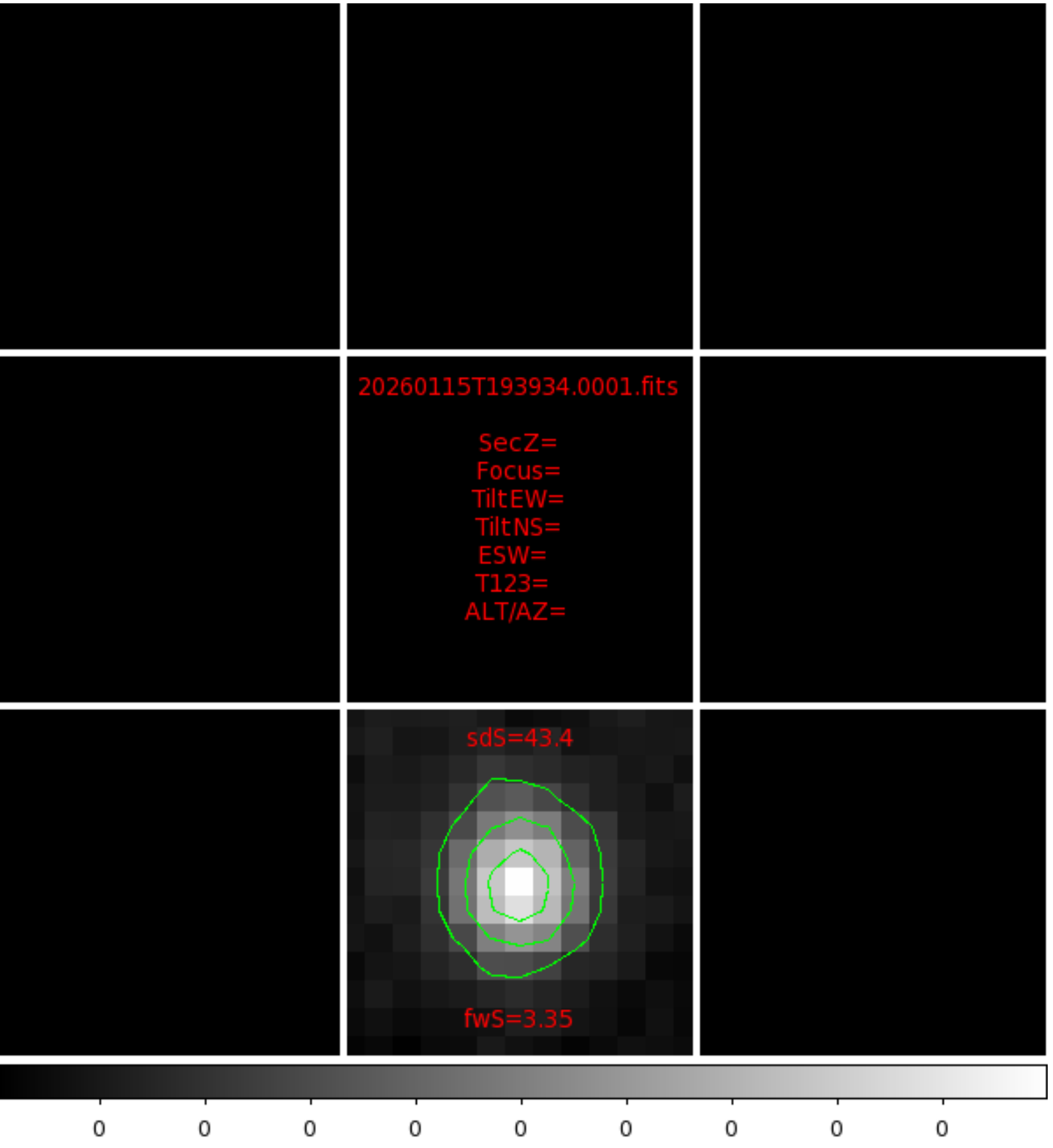
20260115T193934.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=43.4
fwS=3.35
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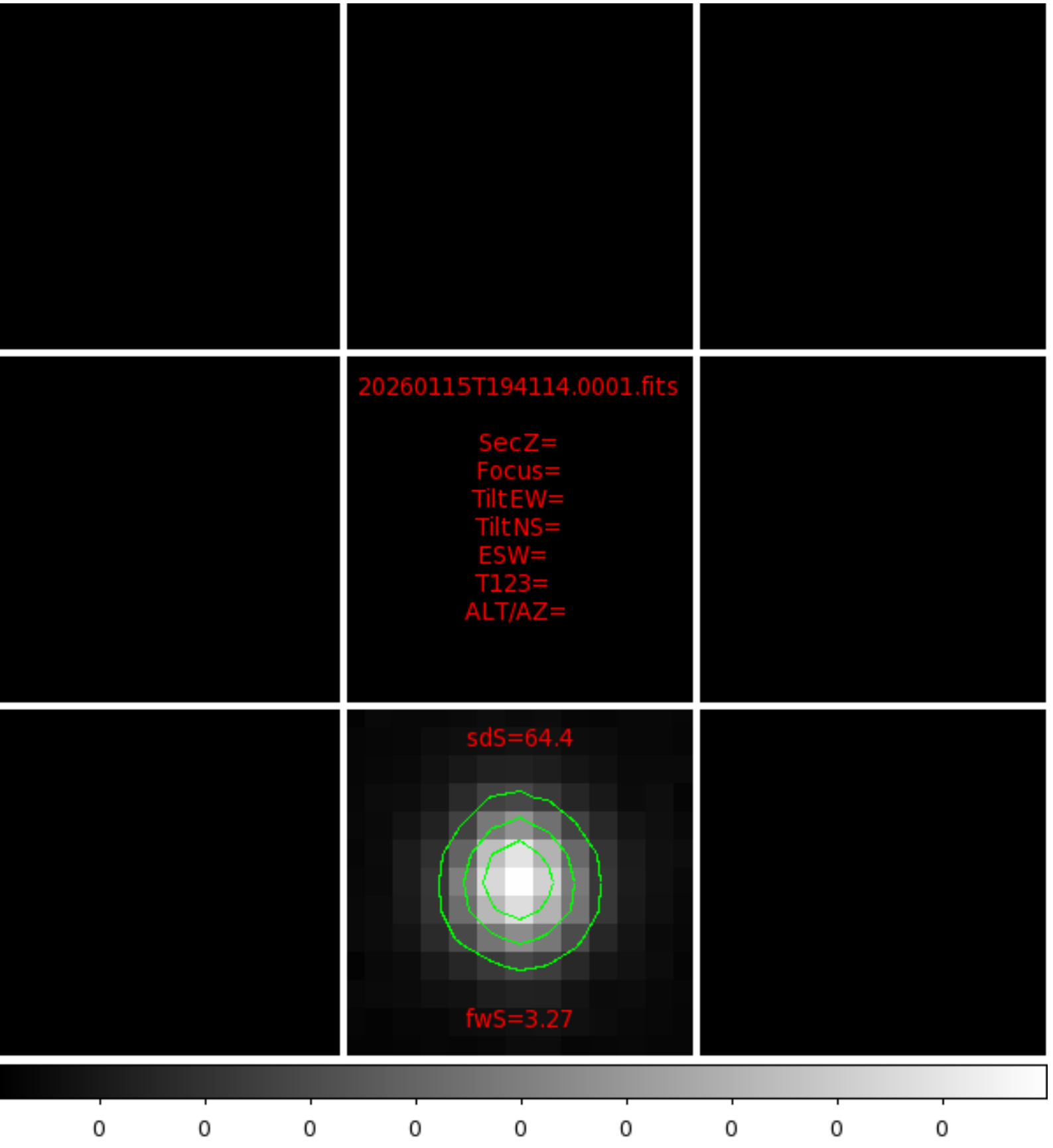
20260115T194114.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=64.4
fwS=3.27
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0
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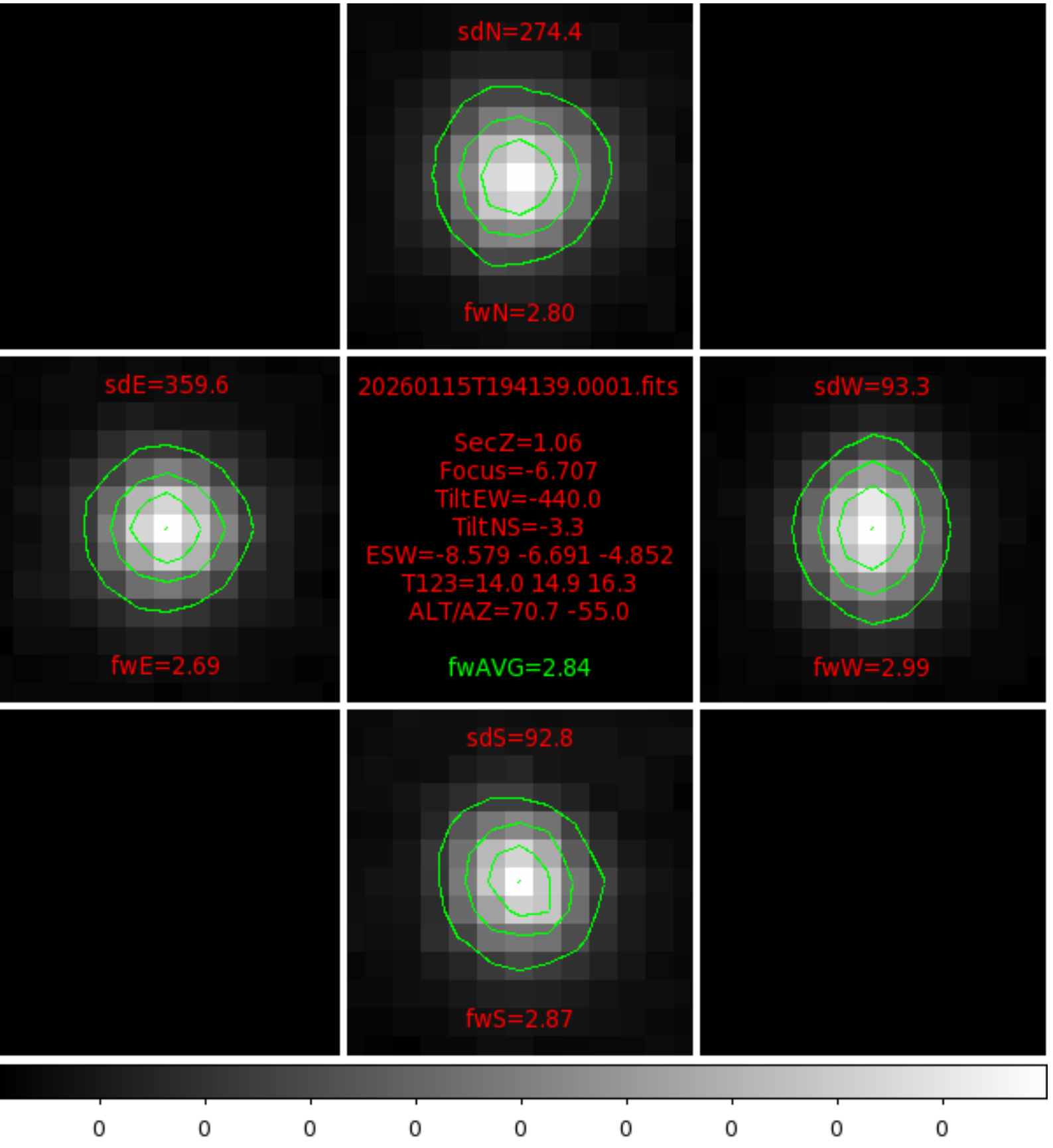
sdN=274.4
fwN=2.80
sdE=359.6
fwE=2.69
20260115T194139.0001.fits
SecZ=1.06
Focus=-6.707
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.579 -6.691 -4.852
T123=14.0 14.9 16.3
ALT/AZ=70.7 -55.0
fwAVG=2.84
sdW=93.3
fwW=2.99
sdS=92.8
fwS=2.87
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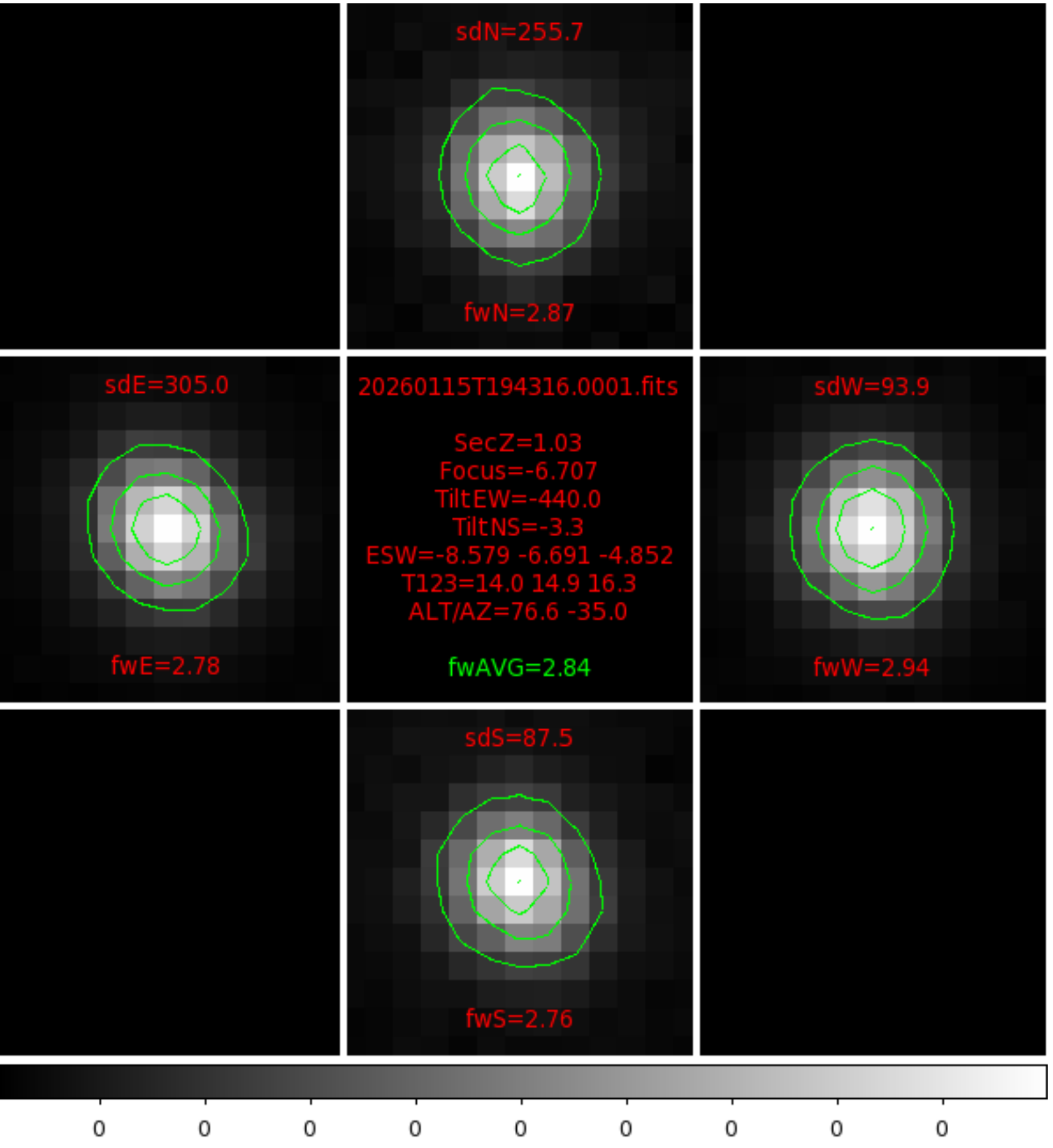
sdN=255.7
fwN=2.87
sdE=305.0
fwE=2.78
20260115T194316.0001.fits
SecZ=1.03
Focus=-6.707
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.579 -6.691 -4.852
T123=14.0 14.9 16.3
ALT/AZ=76.6 -35.0
fwAVG=2.84
sdW=93.9
fwW=2.94
sdS=87.5
fwS=2.76
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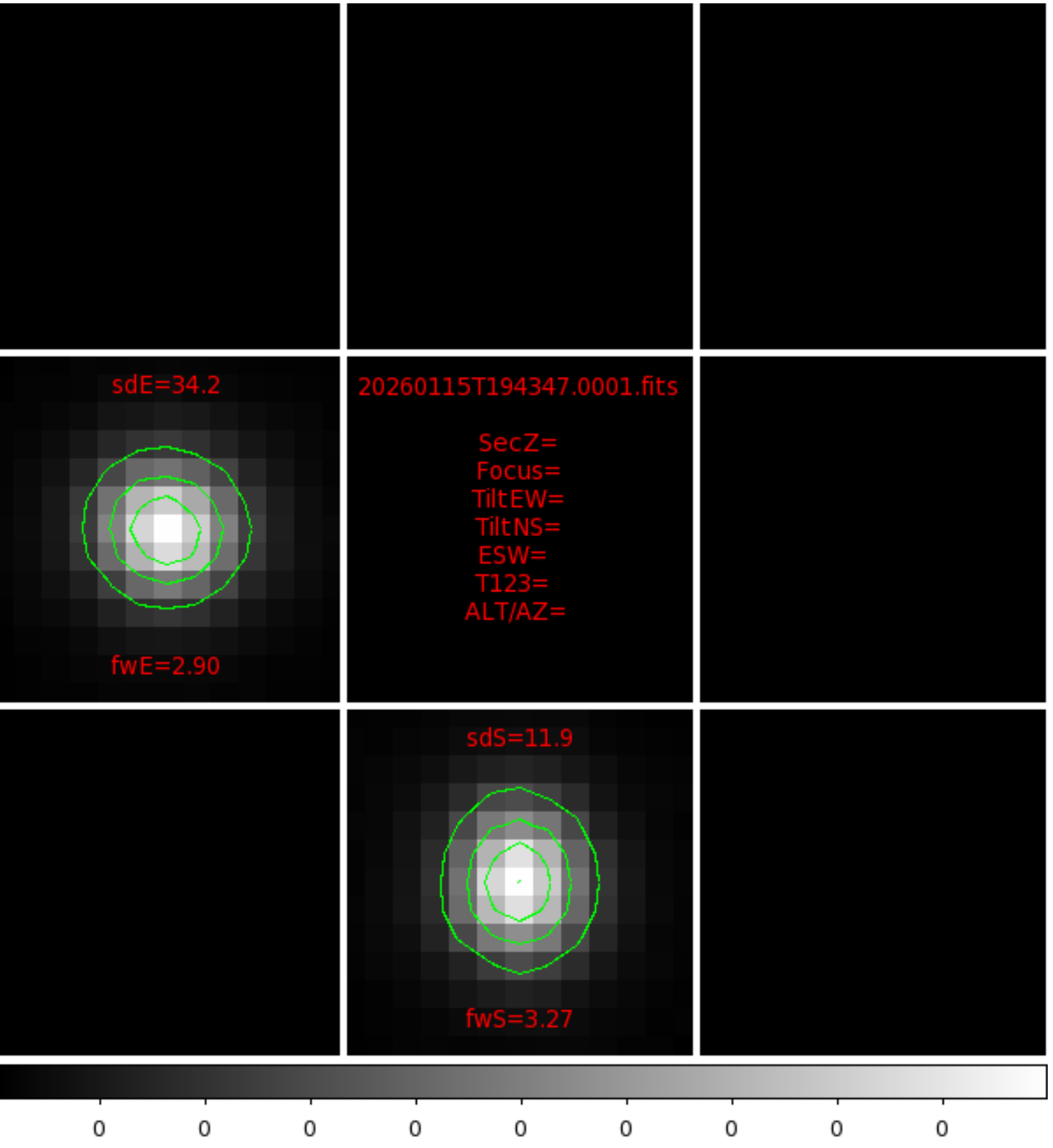
sdE=34.2
20260115T194347.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=2.90
sdS=11.9
fwS=3.27
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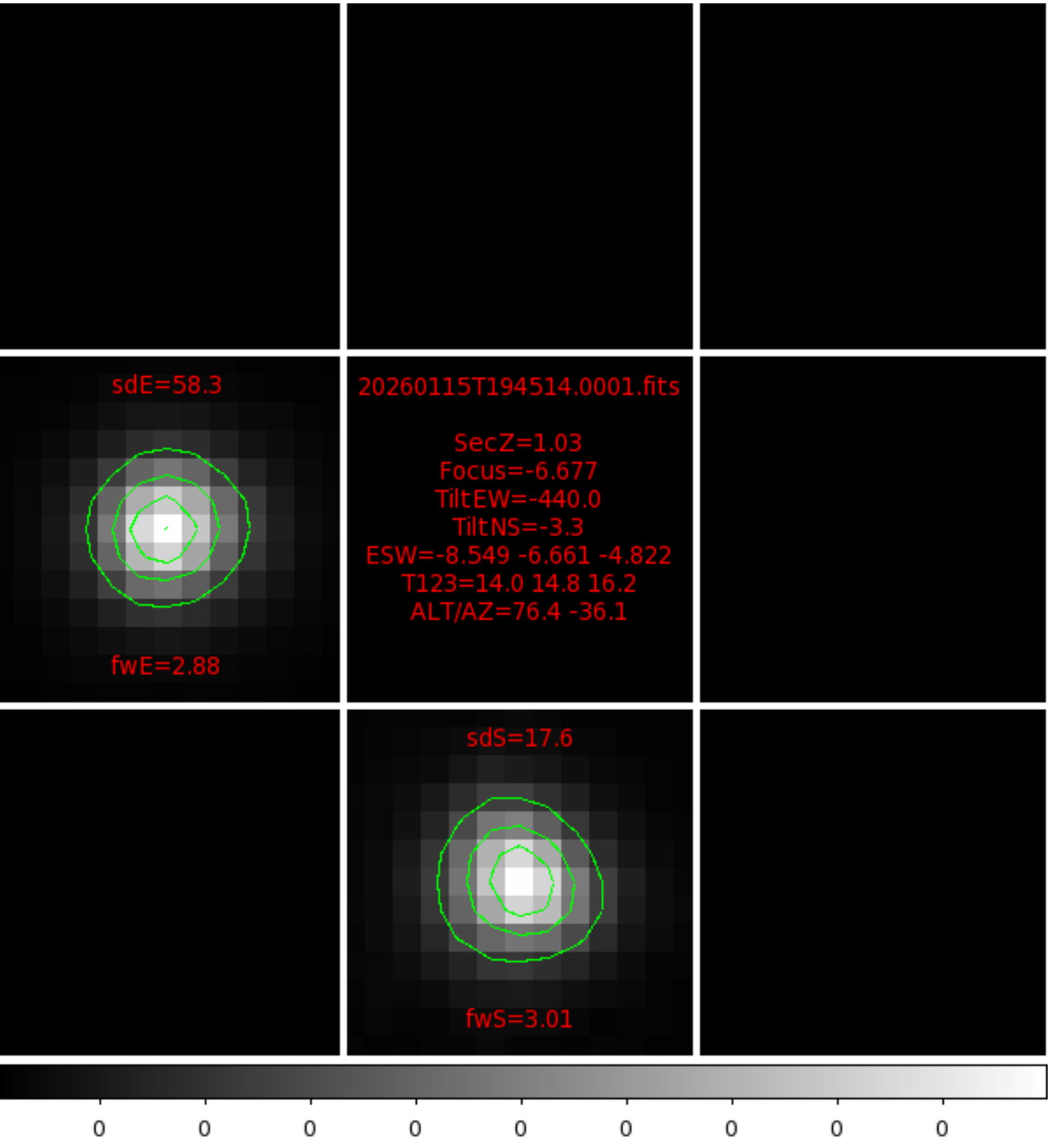
sdE=58.3
20260115T194514.0001.fits
SecZ=1.03
Focus=-6.677
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.549 -6.661 -4.822
T123=14.0 14.8 16.2
ALT/AZ=76.4 -36.1
fwE=2.88
sdS=17.6
fwS=3.01
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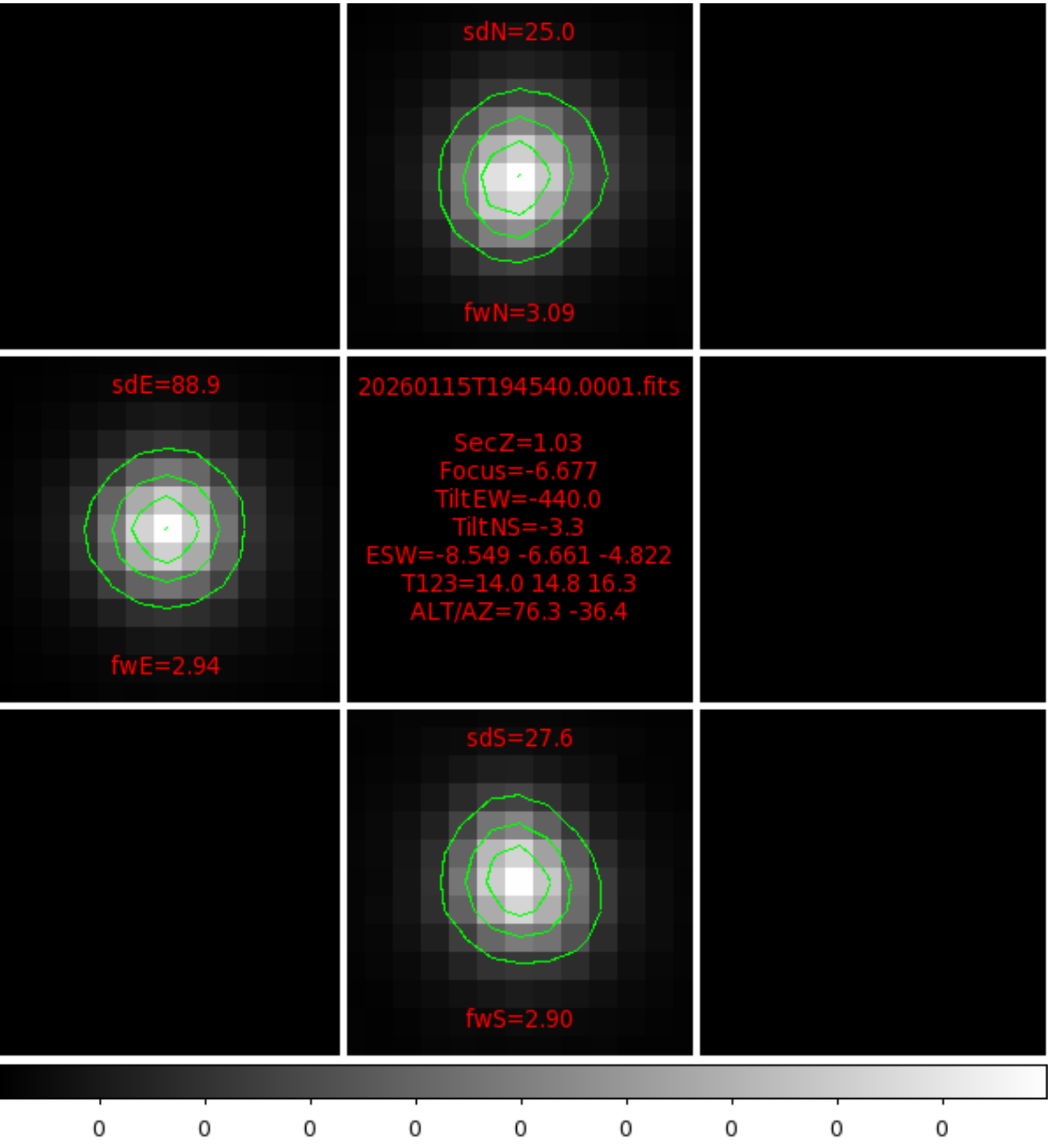
sdN=25.0
fwN=3.09
sdE=88.9
fwE=2.94
20260115T194540.0001.fits
SecZ=1.03
Focus=-6.677
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.549 -6.661 -4.822
T123=14.0 14.8 16.3
ALT/AZ=76.3 -36.4
sdS=27.6
fwS=2.90
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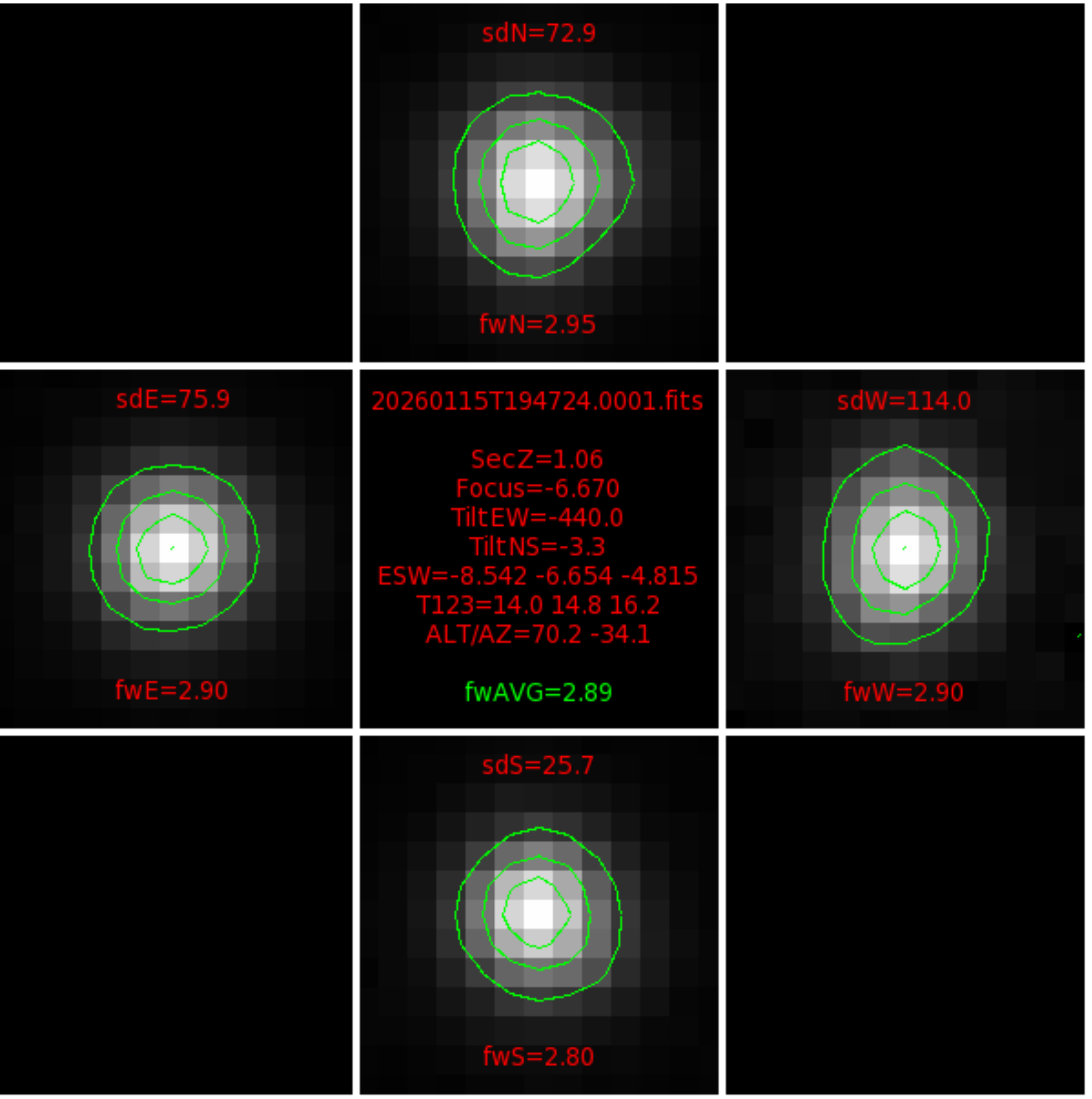
sdN=72.9
fwN=2.95
sdE=75.9
fwE=2.90
20260115T194724.0001.fits
SecZ=1.06
Focus=-6.670
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.542 -6.654 -4.815
T123=14.0 14.8 16.2
ALT/AZ=70.2 -34.1
fwAVG=2.89
sdW=114.0
fwW=2.90
sdS=25.7
fwS=2.80
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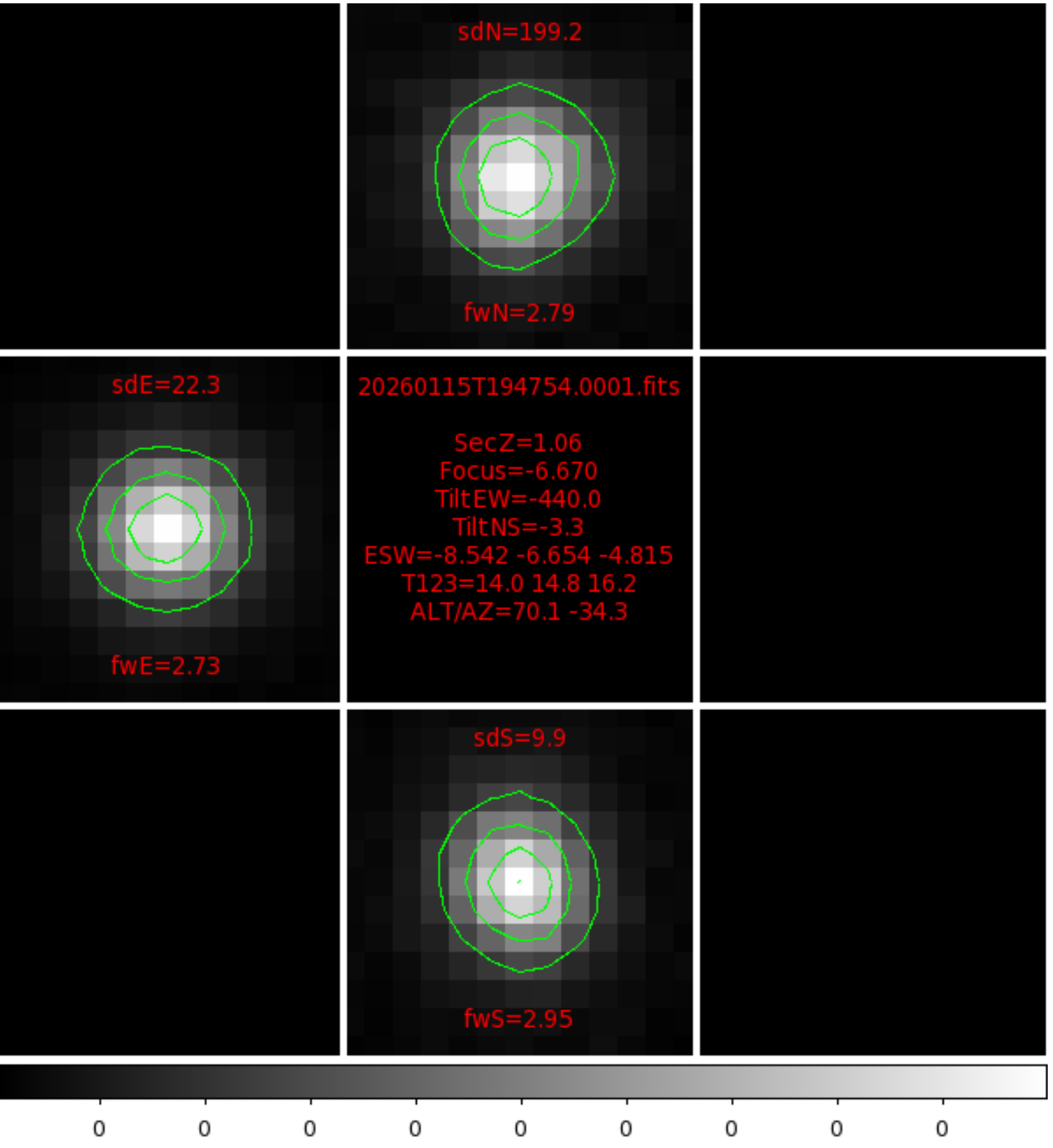
sdN=199.2
fwN=2.79
sdE=22.3
fwE=2.73
20260115T194754.0001.fits
SecZ=1.06
Focus=-6.670
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.542 -6.654 -4.815
T123=14.0 14.8 16.2
ALT/AZ=70.1 -34.3
sdS=9.9
fwS=2.95
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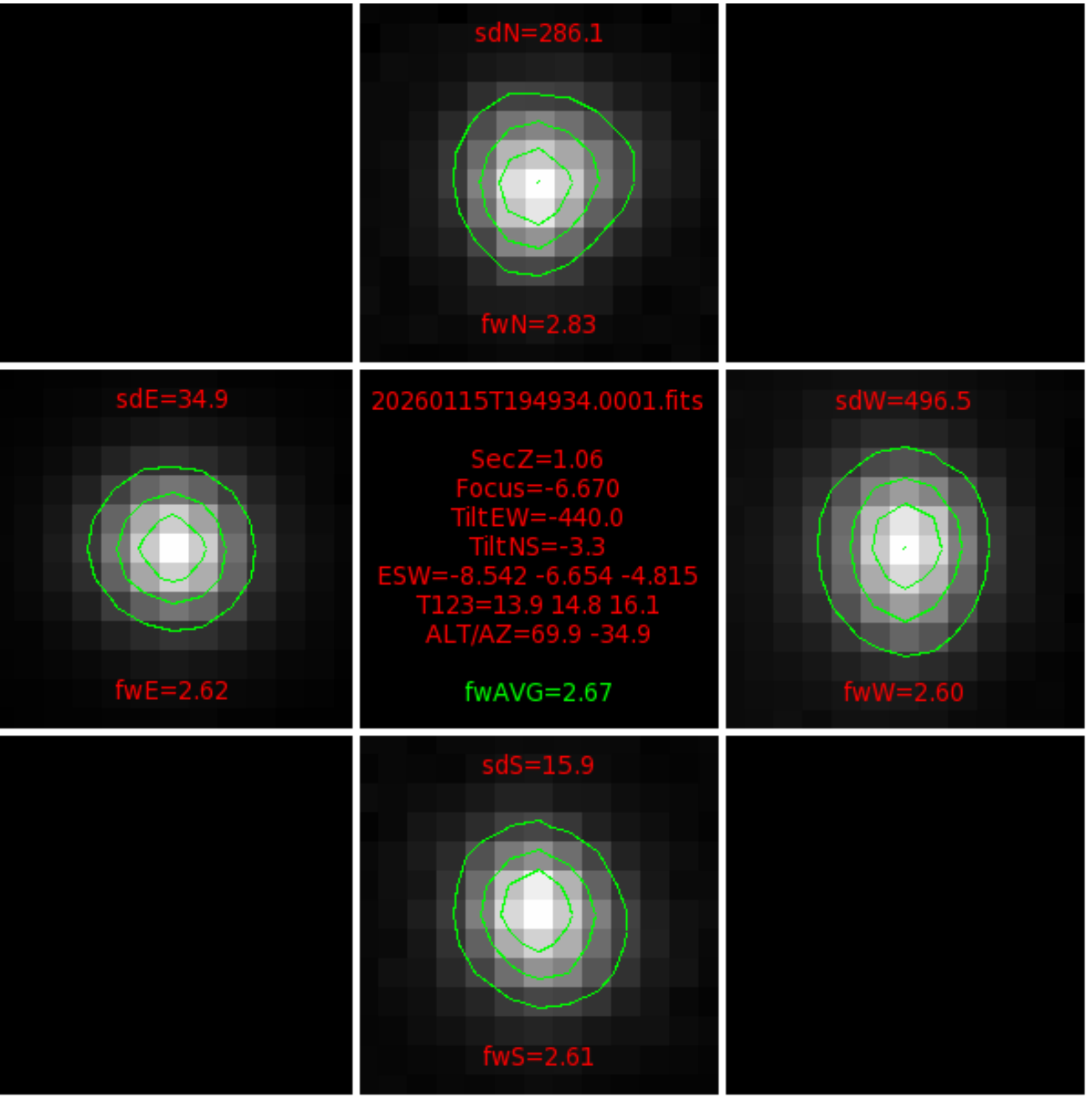
sdN=286.1
fwN=2.83
sdE=34.9
fwE=2.62
20260115T194934.0001.fits
SecZ=1.06
Focus=-6.670
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.542 -6.654 -4.815
T123=13.9 14.8 16.1
ALT/AZ=69.9 -34.9
fwAVG=2.67
sdW=496.5
fwW=2.60
sdS=15.9
fwS=2.61
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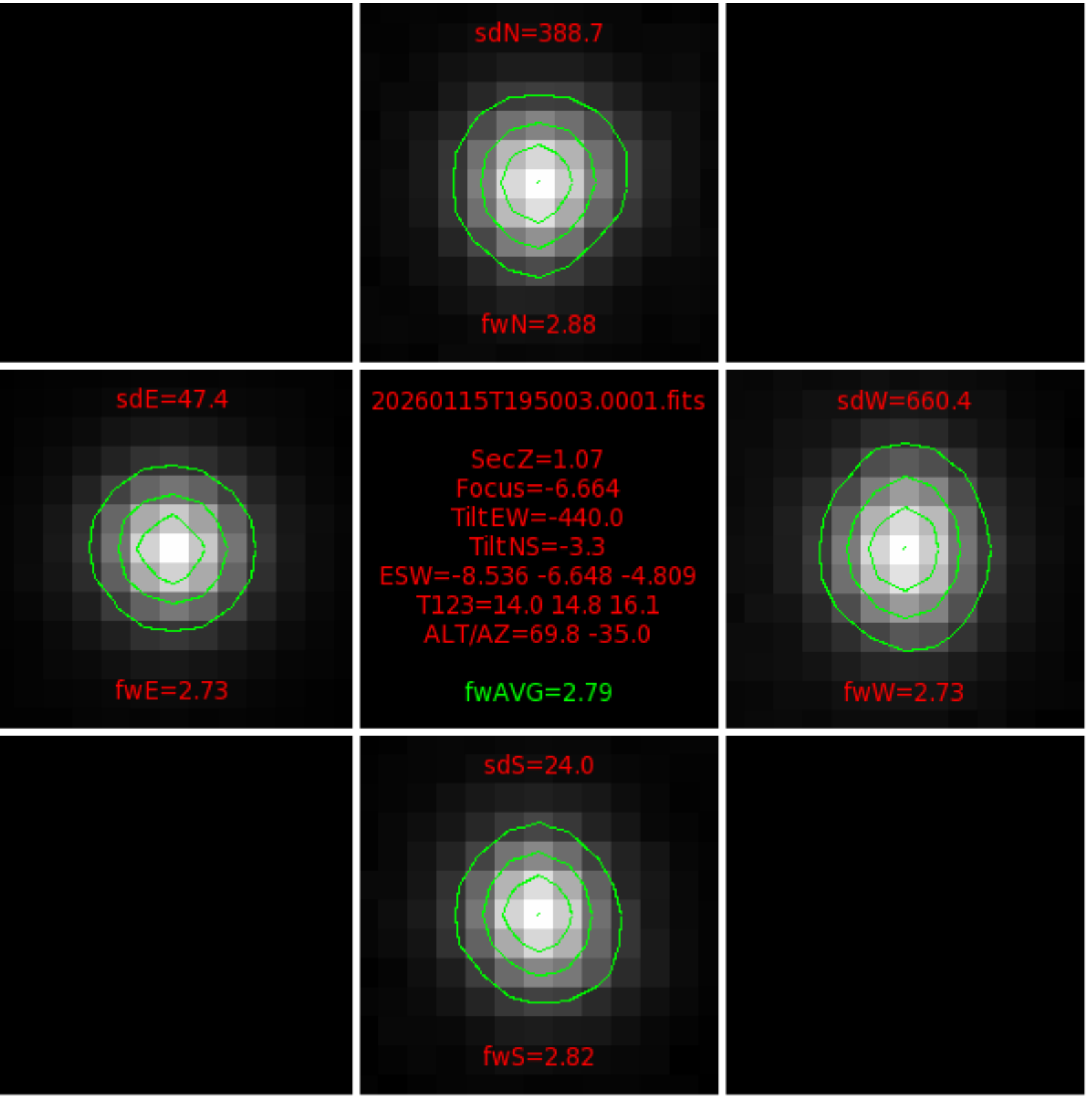
sdN=388.7
fwN=2.88
sdE=47.4
fwE=2.73
20260115T195003.0001.fits
SecZ=1.07
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=14.0 14.8 16.1
ALT/AZ=69.8 -35.0
fwAVG=2.79
sdW=660.4
fwW=2.73
sdS=24.0
fwS=2.82
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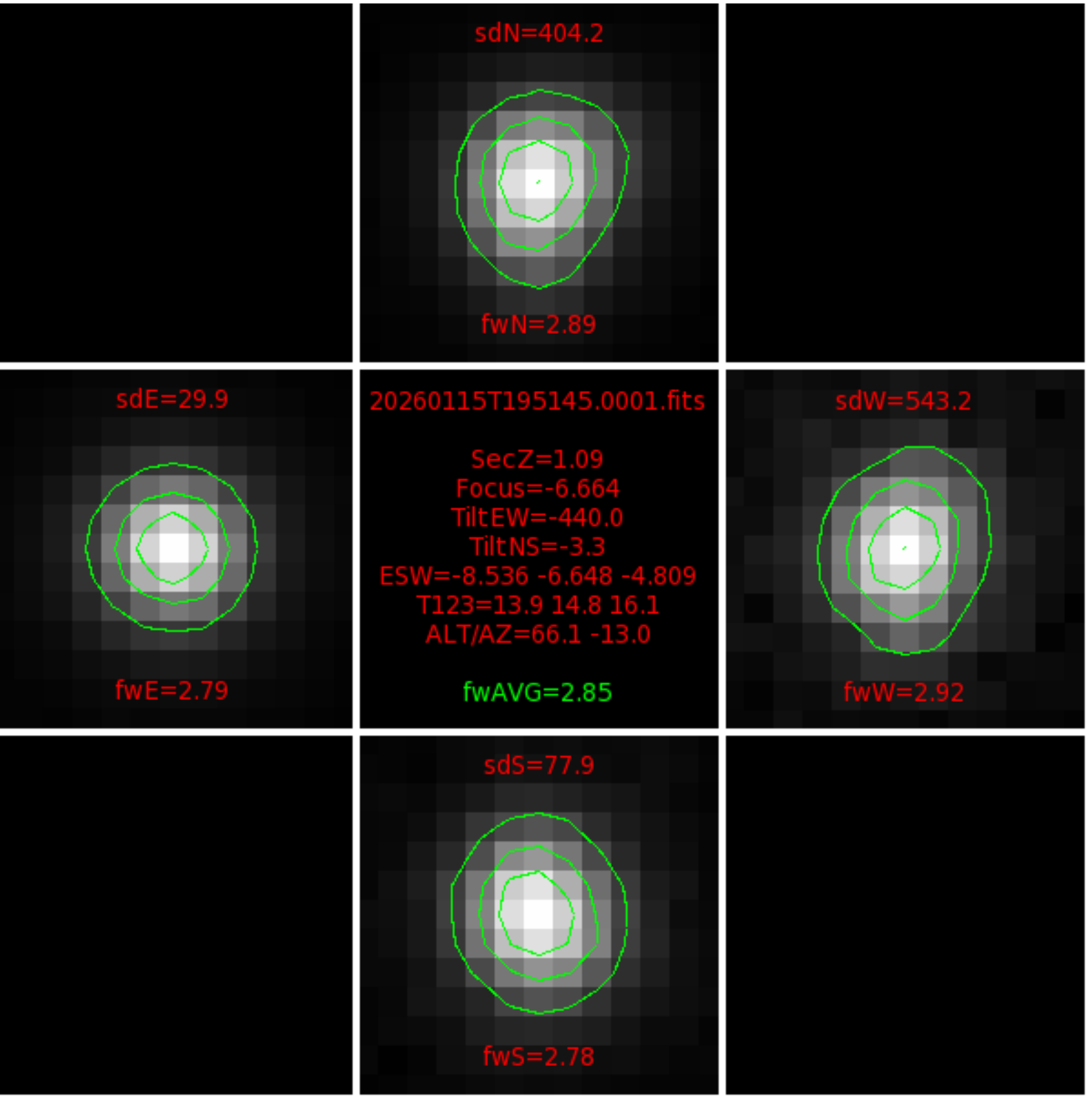
sdN=404.2
fwN=2.89
sdE=29.9
fwE=2.79
20260115T195145.0001.fits
SecZ=1.09
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.9 14.8 16.1
ALT/AZ=66.1 -13.0
fwAVG=2.85
sdW=543.2
fwW=2.92
sdS=77.9
fwS=2.78
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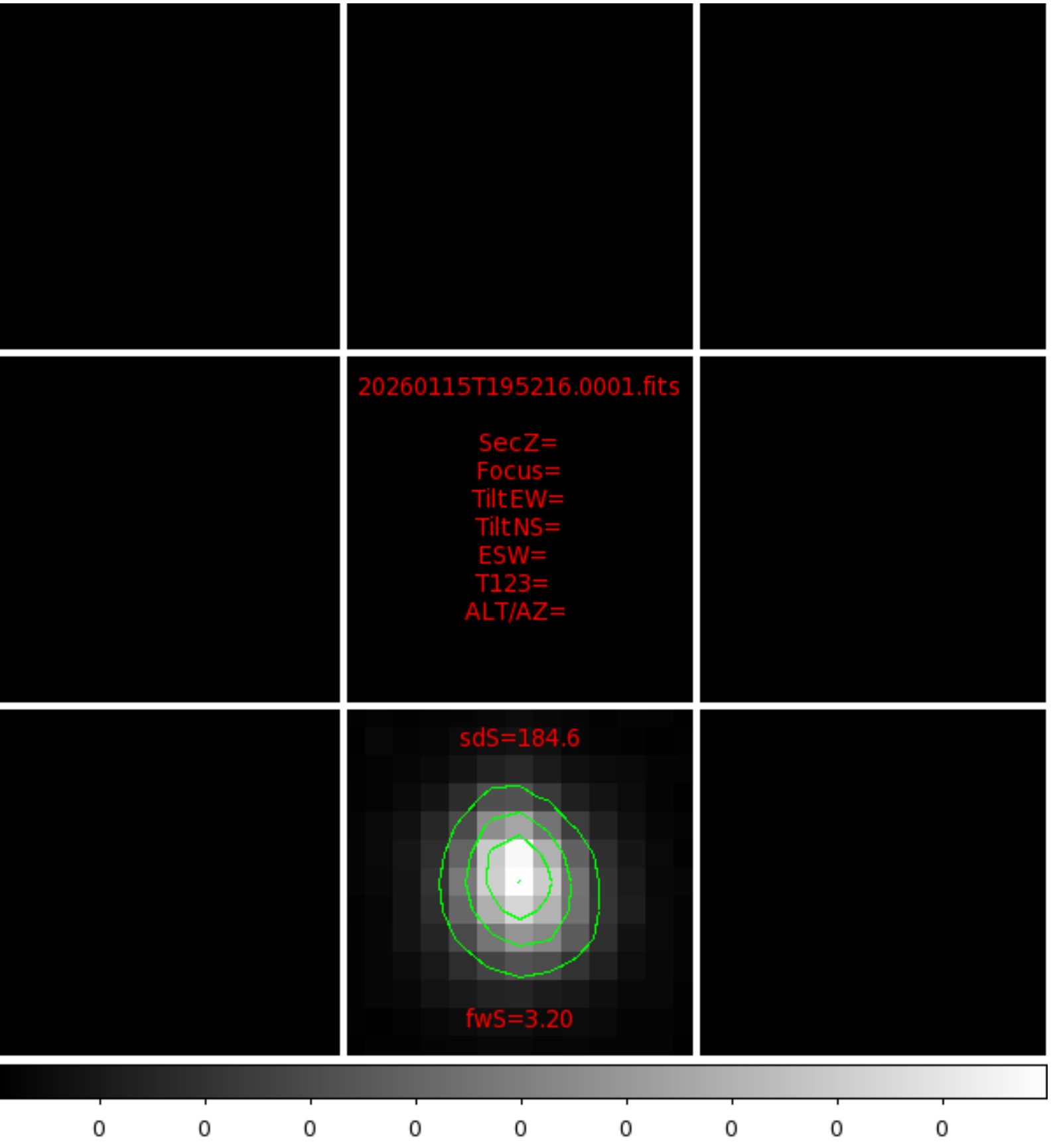
20260115T195216.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=184.6
fwS=3.20
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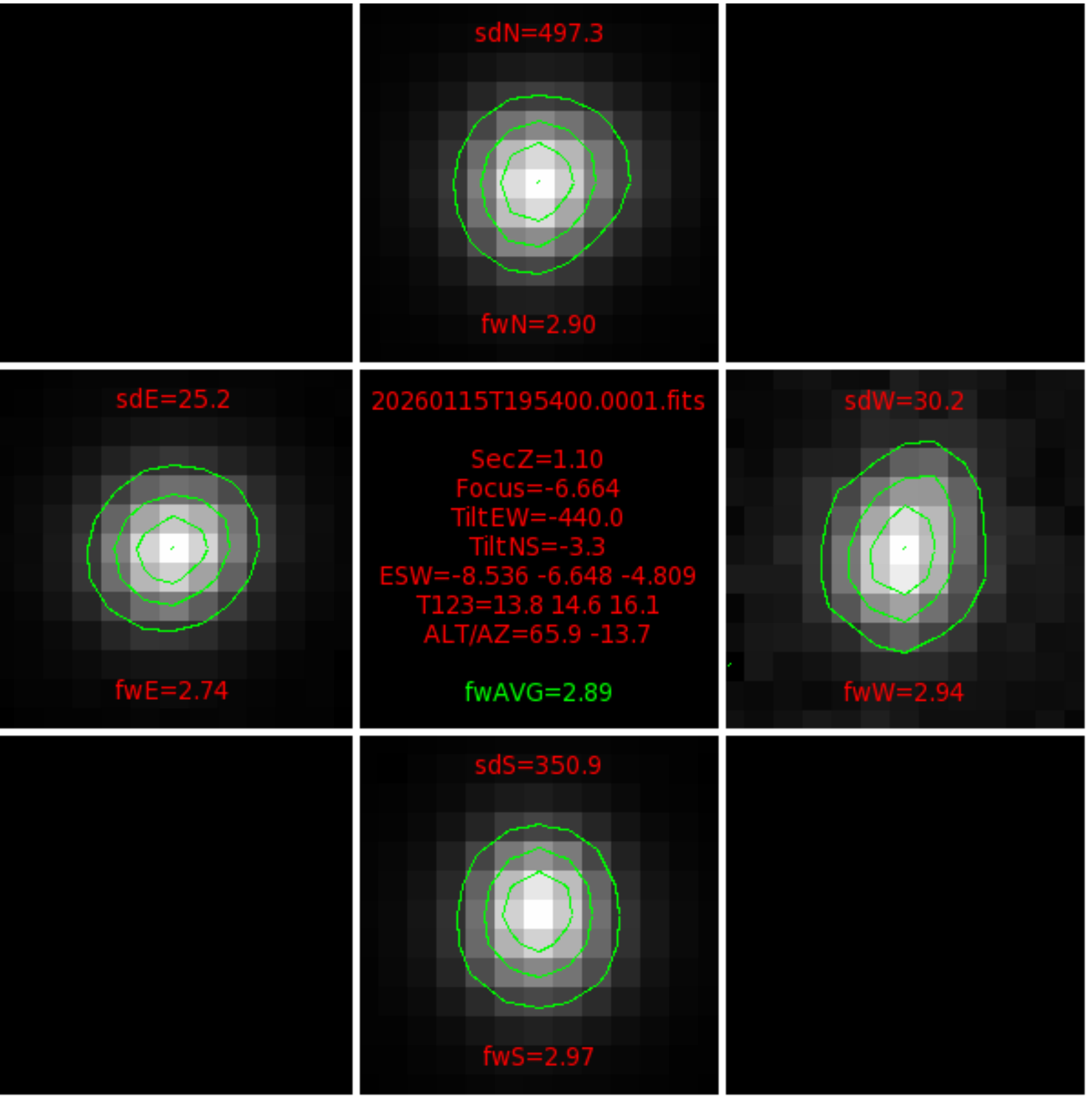
sdN=497.3
fwN=2.90
sdE=25.2
fwE=2.74
20260115T195400.0001.fits
SecZ=1.10
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.8 14.6 16.1
ALT/AZ=65.9 -13.7
fwAVG=2.89
sdW=30.2
fwW=2.94
sdS=350.9
fwS=2.97
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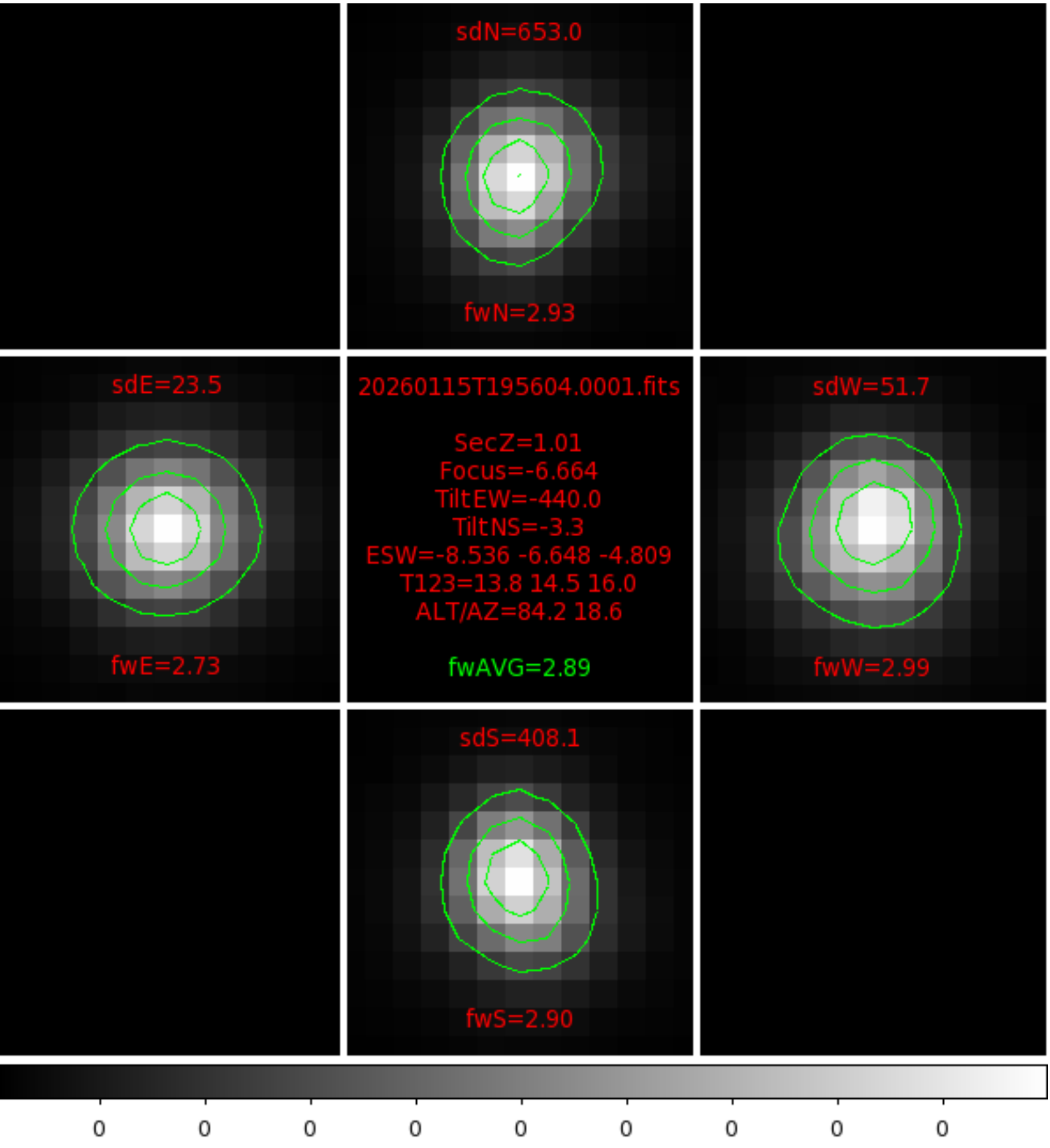
sdN=653.0
fwN=2.93
sdE=23.5
fwE=2.73
20260115T195604.0001.fits
SecZ=1.01
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.8 14.5 16.0
ALT/AZ=84.2 18.6
fwAVG=2.89
sdW=51.7
fwW=2.99
sdS=408.1
fwS=2.90
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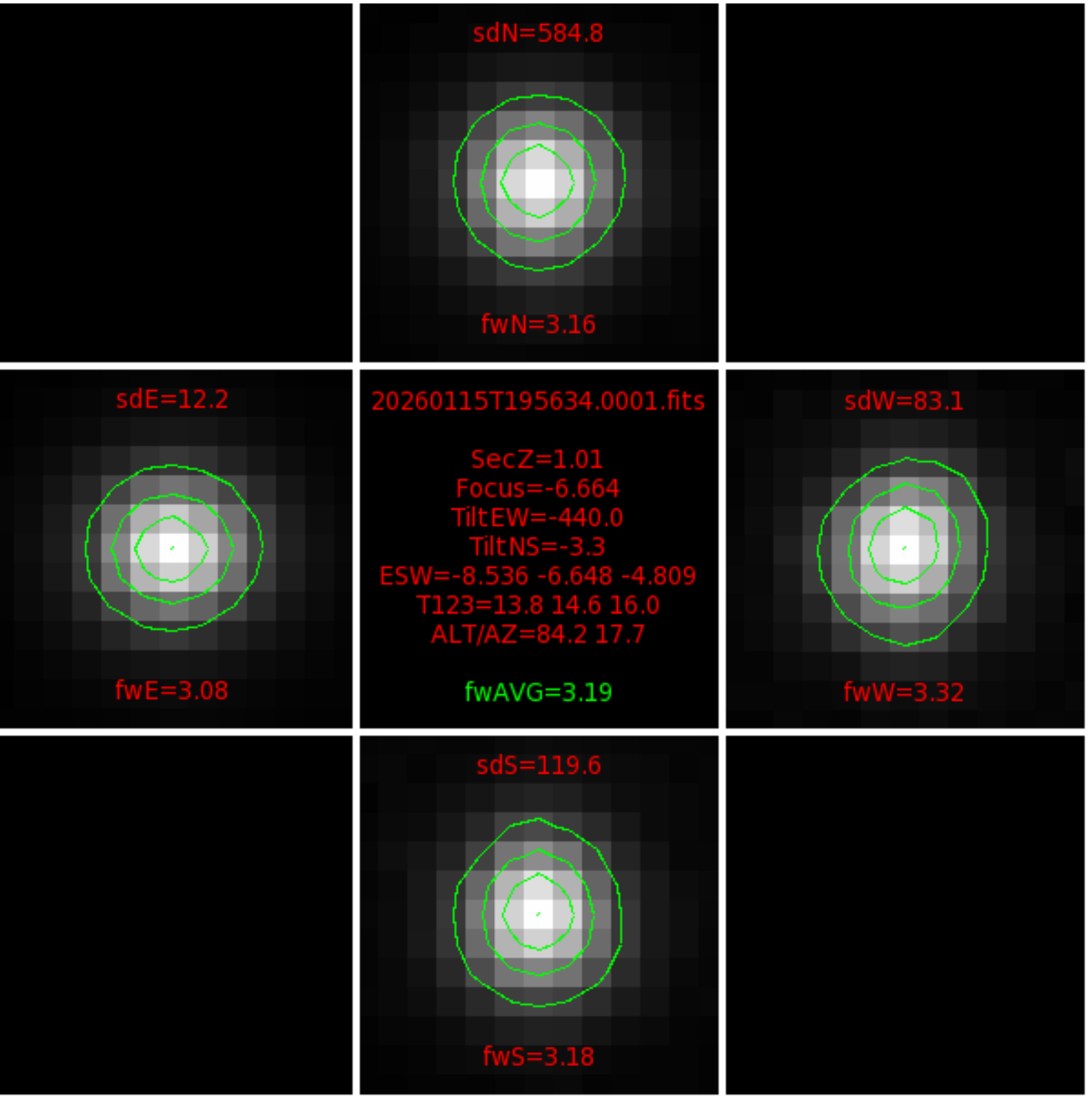
sdN=584.8
fwN=3.16
sdE=12.2
fwE=3.08
20260115T195634.0001.fits
SecZ=1.01
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.8 14.6 16.0
ALT/AZ=84.2 17.7
fwAVG=3.19
sdW=83.1
fwW=3.32
sdS=119.6
fwS=3.18
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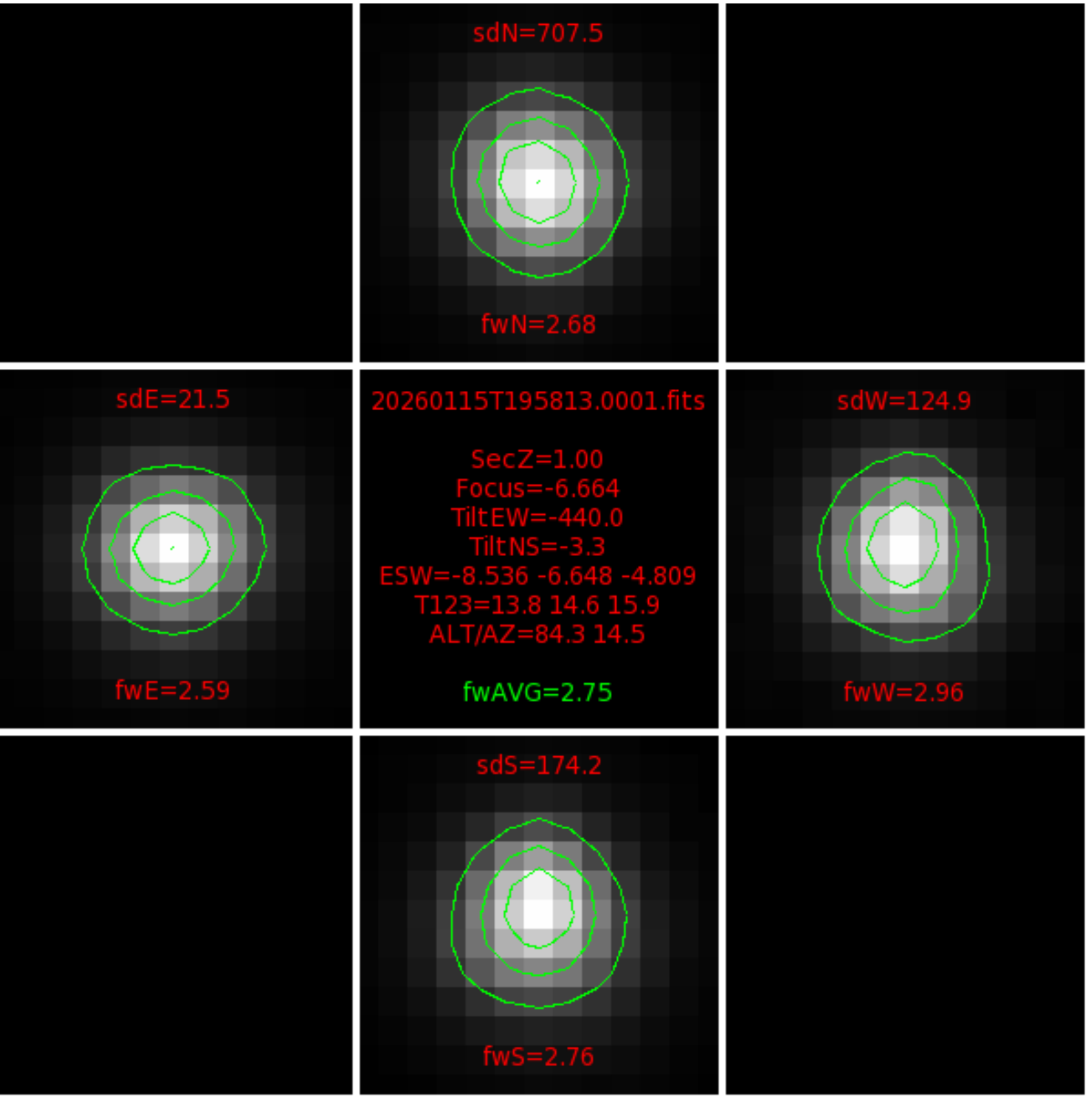
sdN=707.5
fwN=2.68
sdE=21.5
fwE=2.59
20260115T195813.0001.fits
SecZ=1.00
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.8 14.6 15.9
ALT/AZ=84.3 14.5
fwAVG=2.75
sdW=124.9
fwW=2.96
sdS=174.2
fwS=2.76
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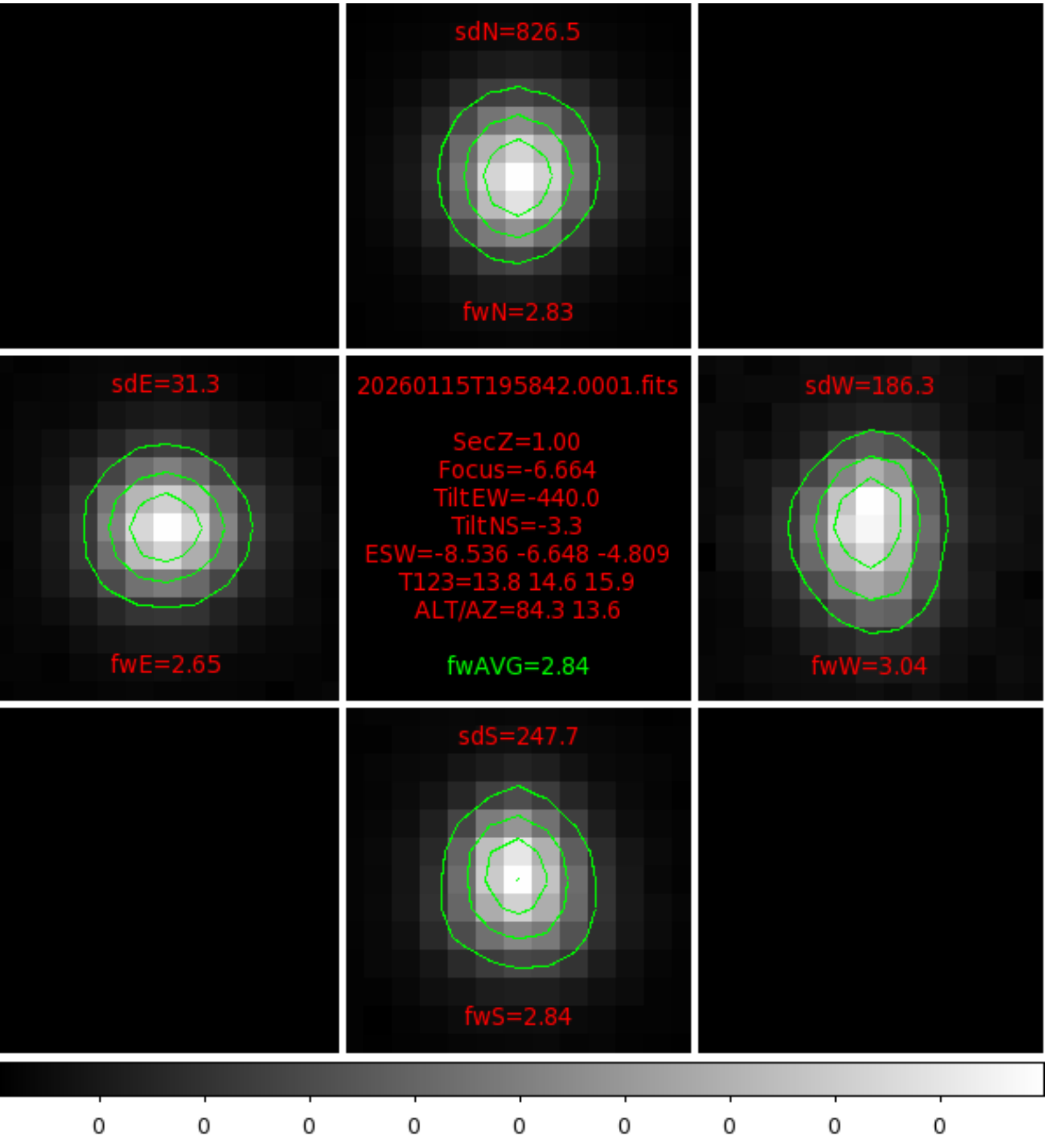
sdN=826.5
fwN=2.83
sdE=31.3
fwE=2.65
20260115T195842.0001.fits
SecZ=1.00
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.8 14.6 15.9
ALT/AZ=84.3 13.6
fwAVG=2.84
sdW=186.3
fwW=3.04
sdS=247.7
fwS=2.84
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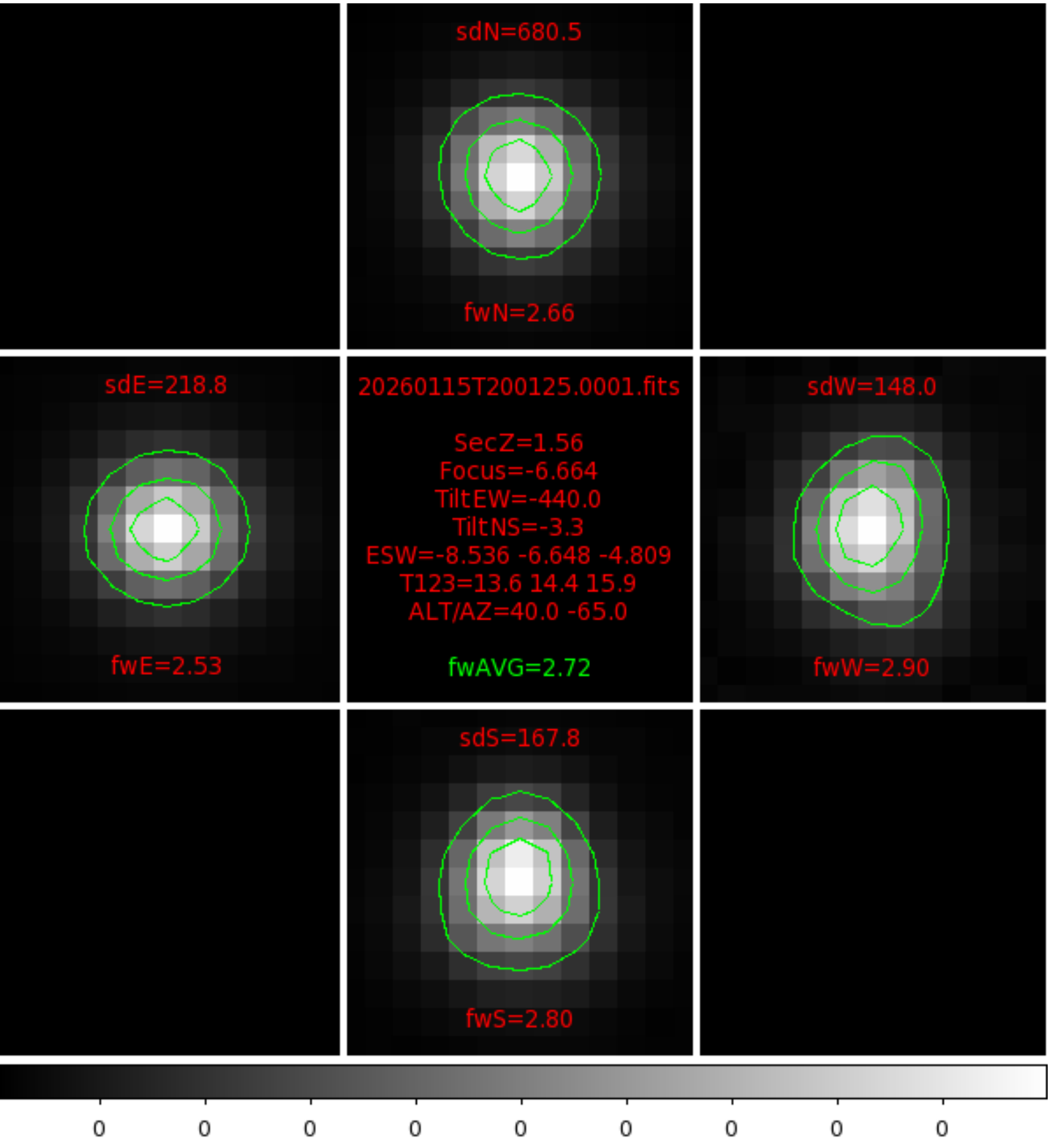
sdN=680.5
fwN=2.66
sdE=218.8
fwE=2.53
20260115T200125.0001.fits
SecZ=1.56
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.6 14.4 15.9
ALT/AZ=40.0 -65.0
fwAVG=2.72
sdW=148.0
fwW=2.90
sdS=167.8
fwS=2.80
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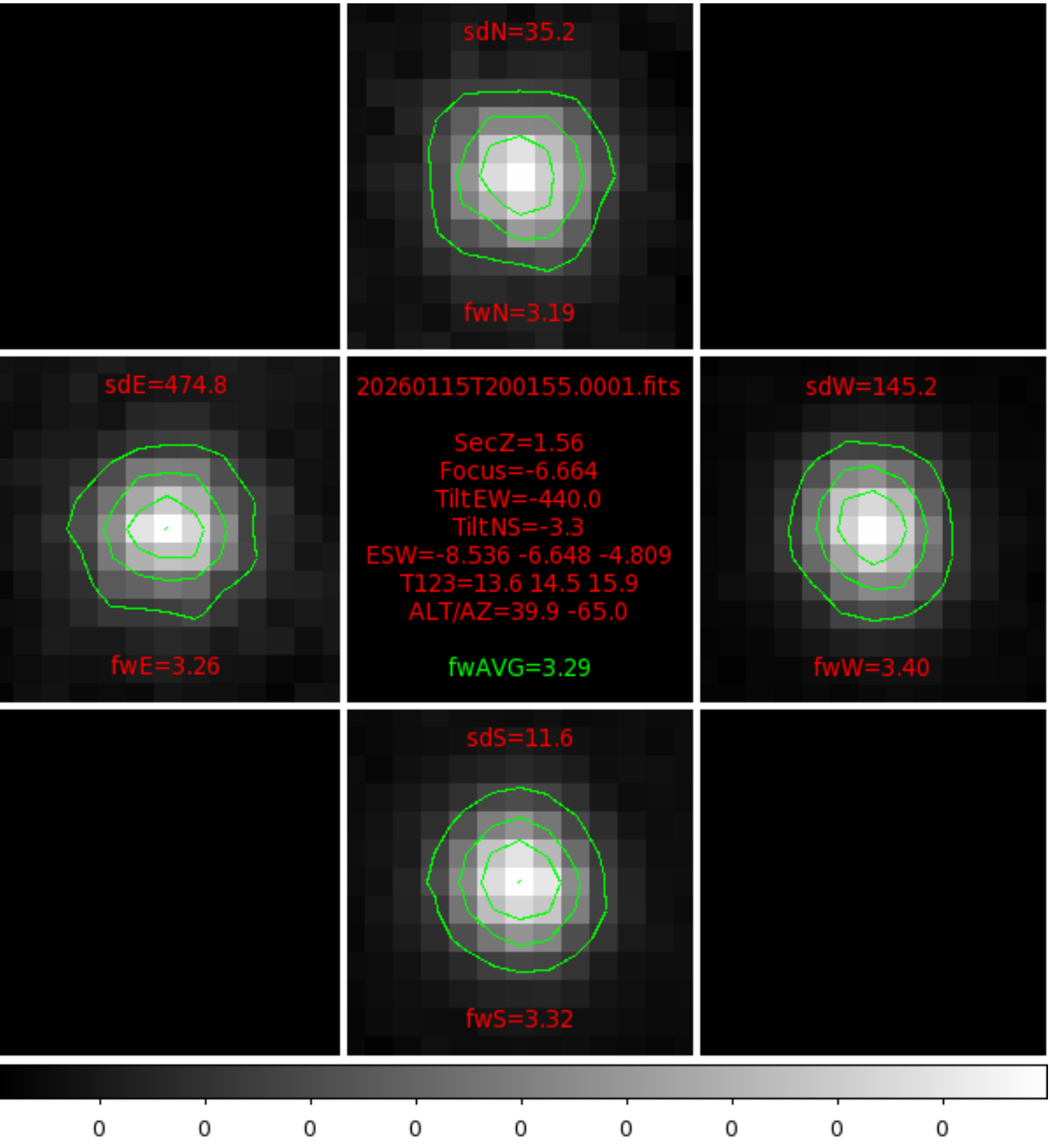
sdN=35.2
fwN=3.19
sdE=474.8
fwE=3.26
20260115T200155.0001.fits
SecZ=1.56
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.6 14.5 15.9
ALT/AZ=39.9 -65.0
fwAVG=3.29
sdW=145.2
fwW=3.40
sdS=11.6
fwS=3.32
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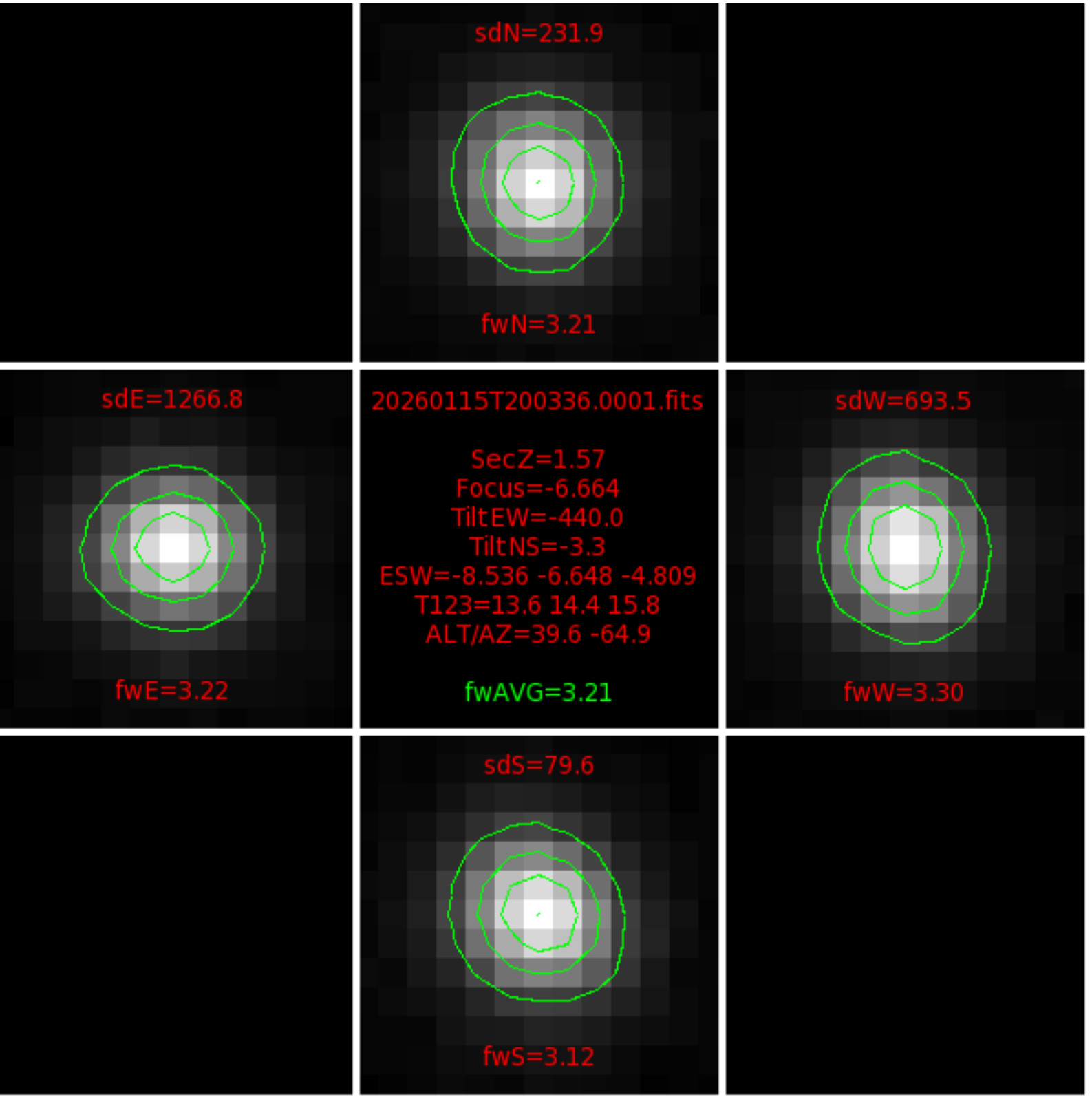
sdN=231.9
fwN=3.21
sdE=1266.8
fwE=3.22
20260115T200336.0001.fits
SecZ=1.57
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.6 14.4 15.8
ALT/AZ=39.6 -64.9
fwAVG=3.21
sdW=693.5
fwW=3.30
sdS=79.6
fwS=3.12
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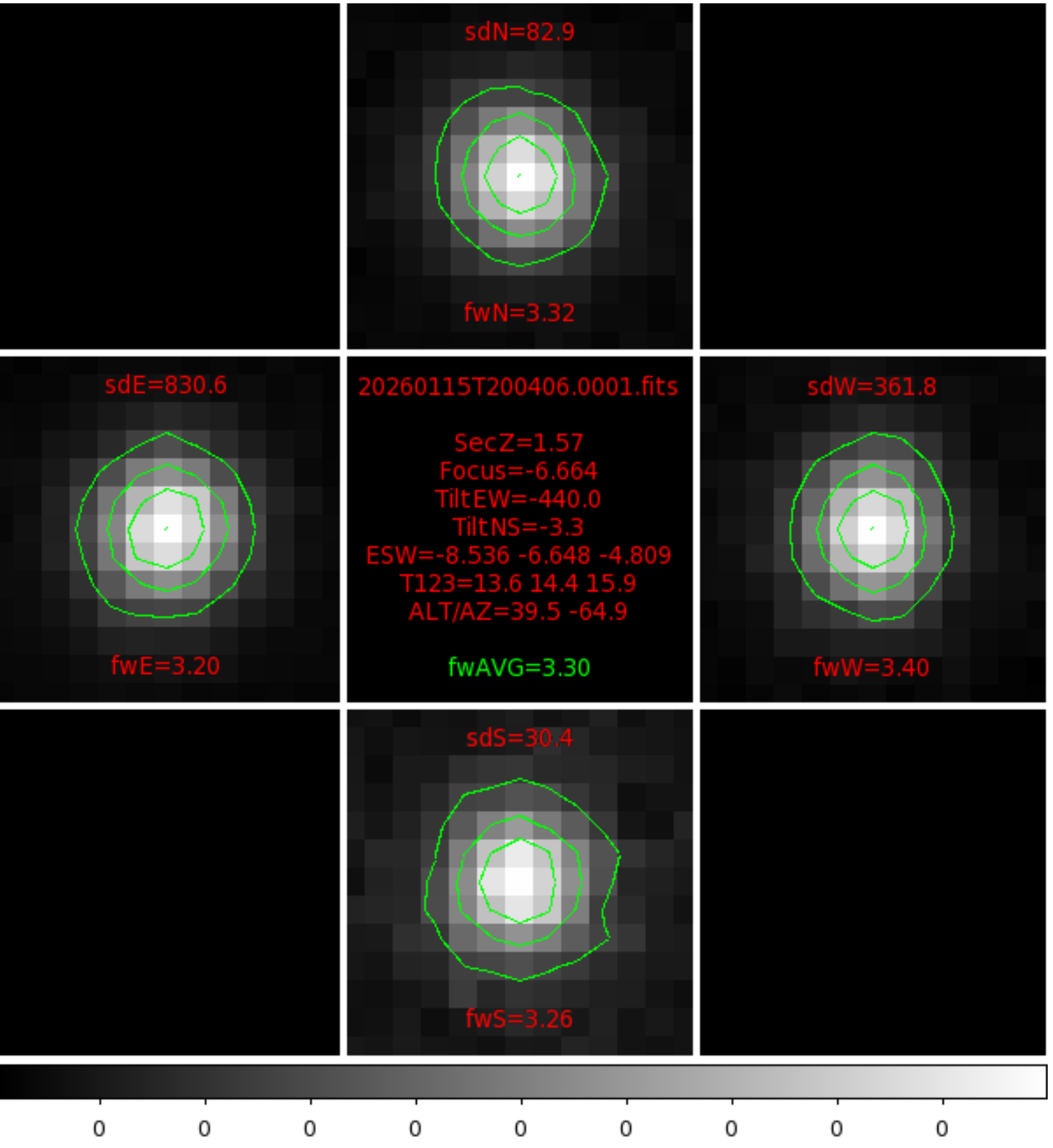
sdN=82.9
fwN=3.32
sdE=830.6
fwE=3.20
20260115T200406.0001.fits
SecZ=1.57
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.6 14.4 15.9
ALT/AZ=39.5 -64.9
fwAVG=3.30
sdW=361.8
fwW=3.40
sdS=30.4
fwS=3.26
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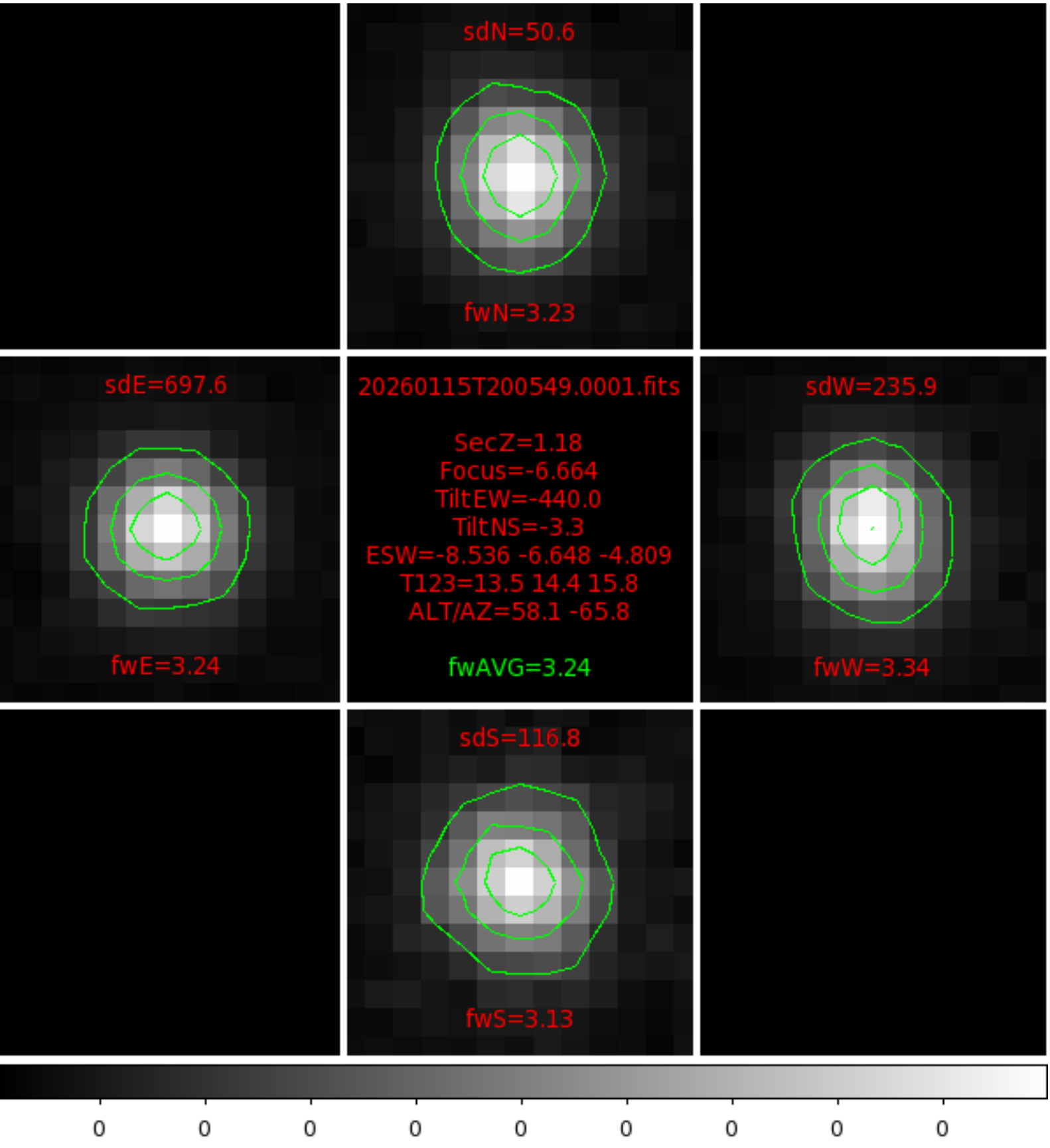
sdN=50.6
fwN=3.23
sdE=697.6
fwE=3.24
20260115T200549.0001.fits
SecZ=1.18
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.5 14.4 15.8
ALT/AZ=58.1 -65.8
fwAVG=3.24
sdW=235.9
fwW=3.34
sdS=116.8
fwS=3.13
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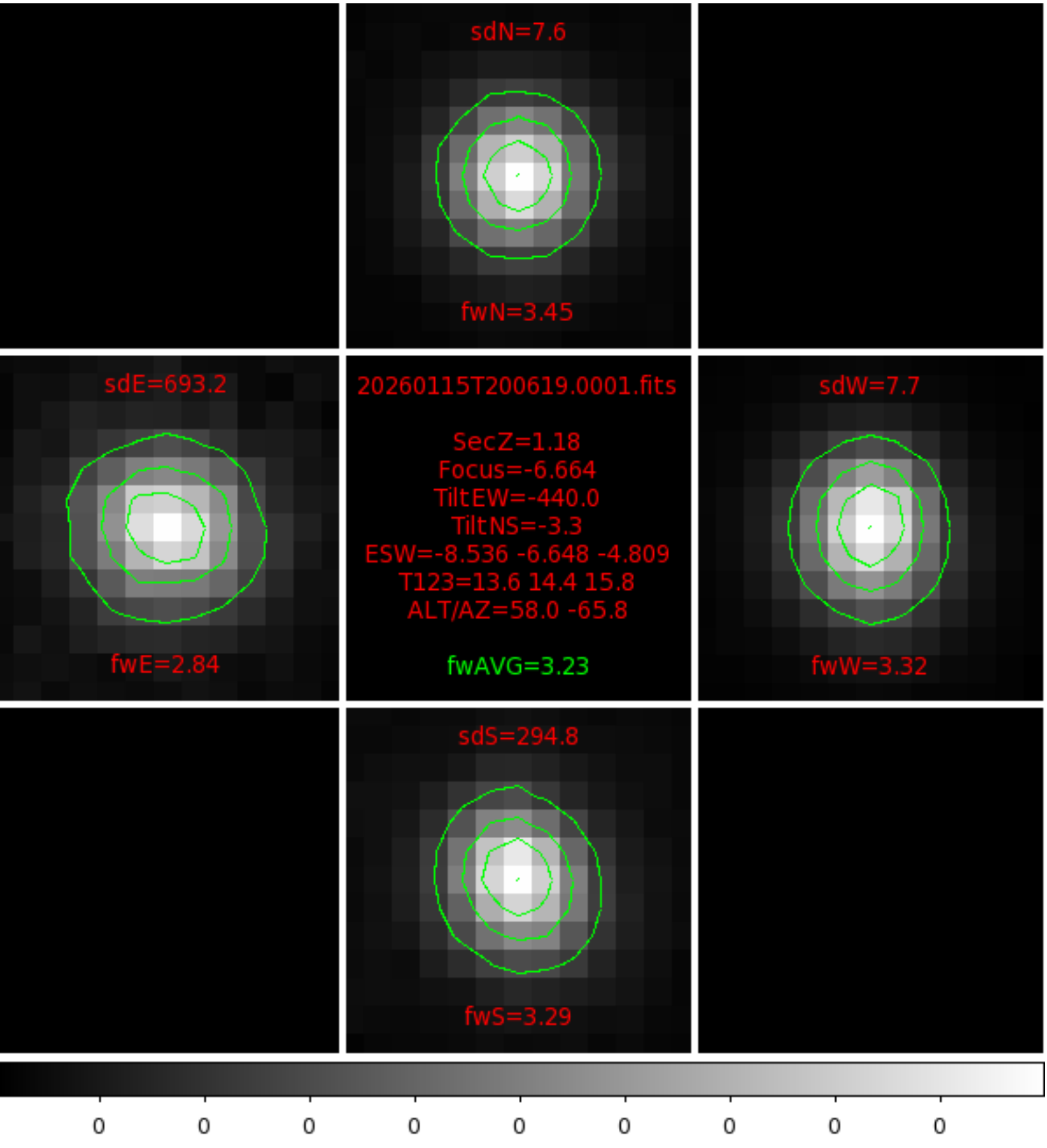
sdN=7.6
fwN=3.45
sdE=693.2
fwE=2.84
20260115T200619.0001.fits
SecZ=1.18
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.6 14.4 15.8
ALT/AZ=58.0 -65.8
fwAVG=3.23
sdW=7.7
fwW=3.32
sdS=294.8
fwS=3.29
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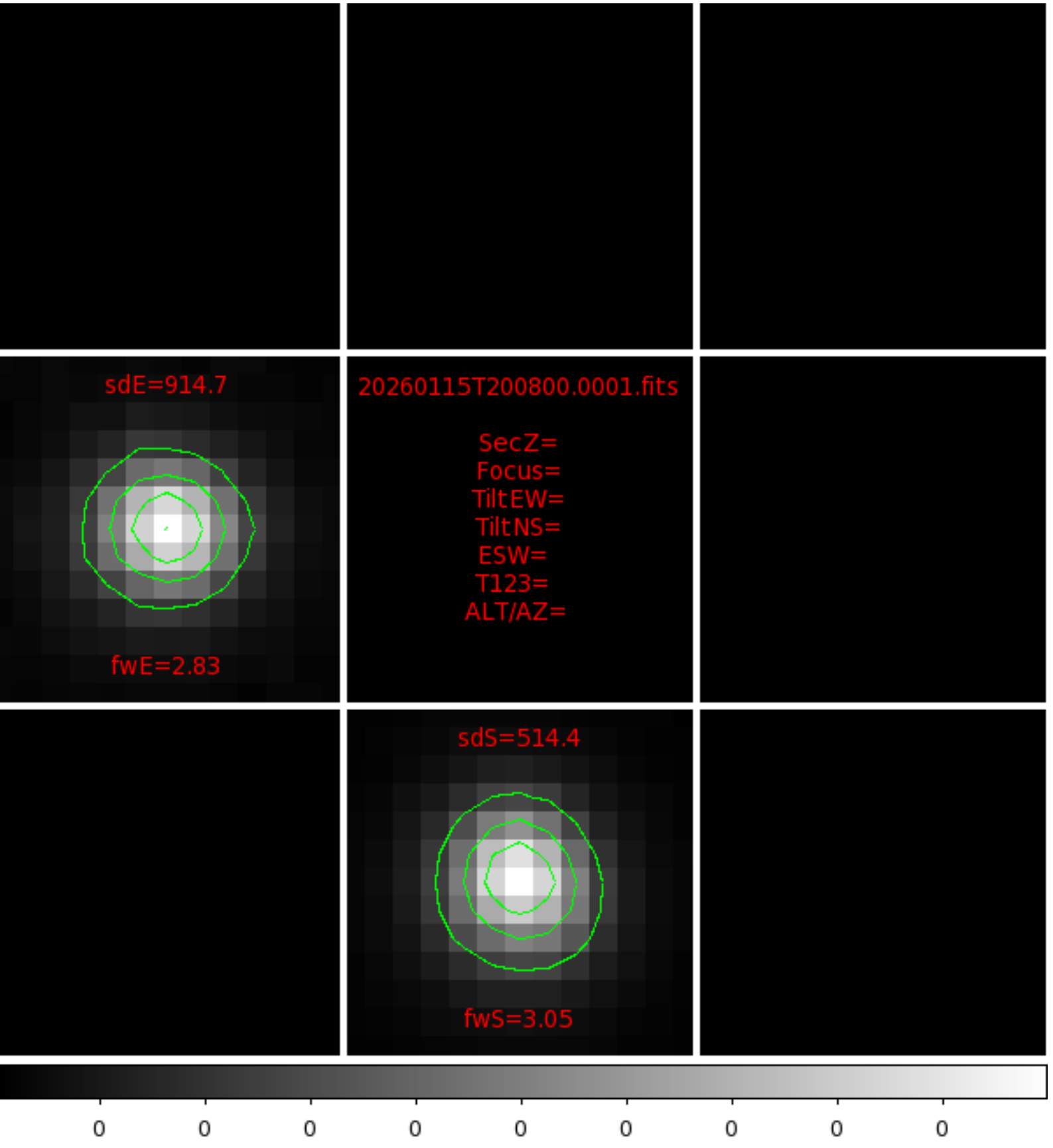
sdE=914.7
20260115T200800.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=2.83
sdS=514.4
fwS=3.05
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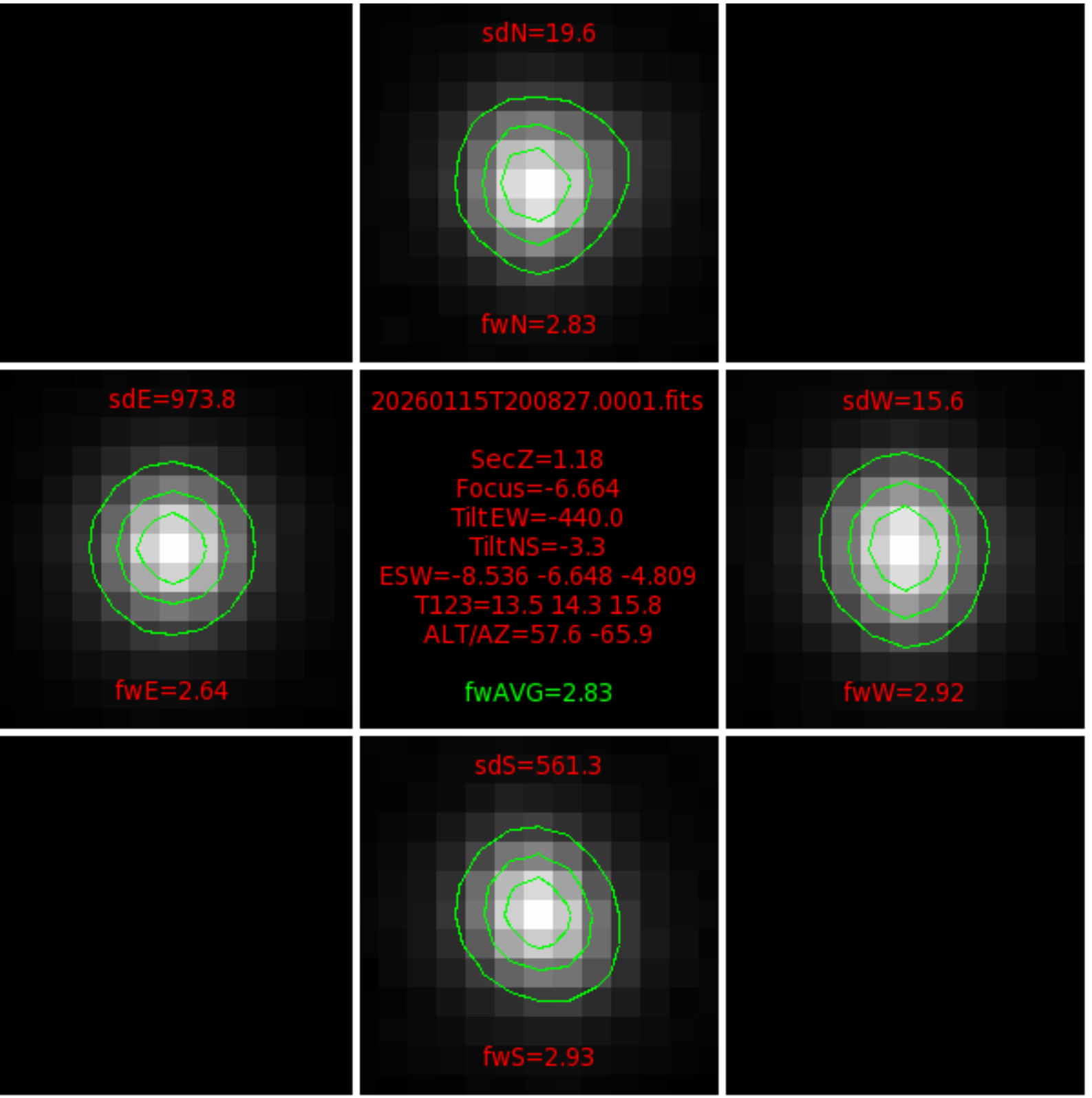
sdN=19.6
fwN=2.83
sdE=973.8
fwE=2.64
20260115T200827.0001.fits
SecZ=1.18
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.5 14.3 15.8
ALT/AZ=57.6 -65.9
fwAVG=2.83
sdW=15.6
fwW=2.92
sdS=561.3
fwS=2.93
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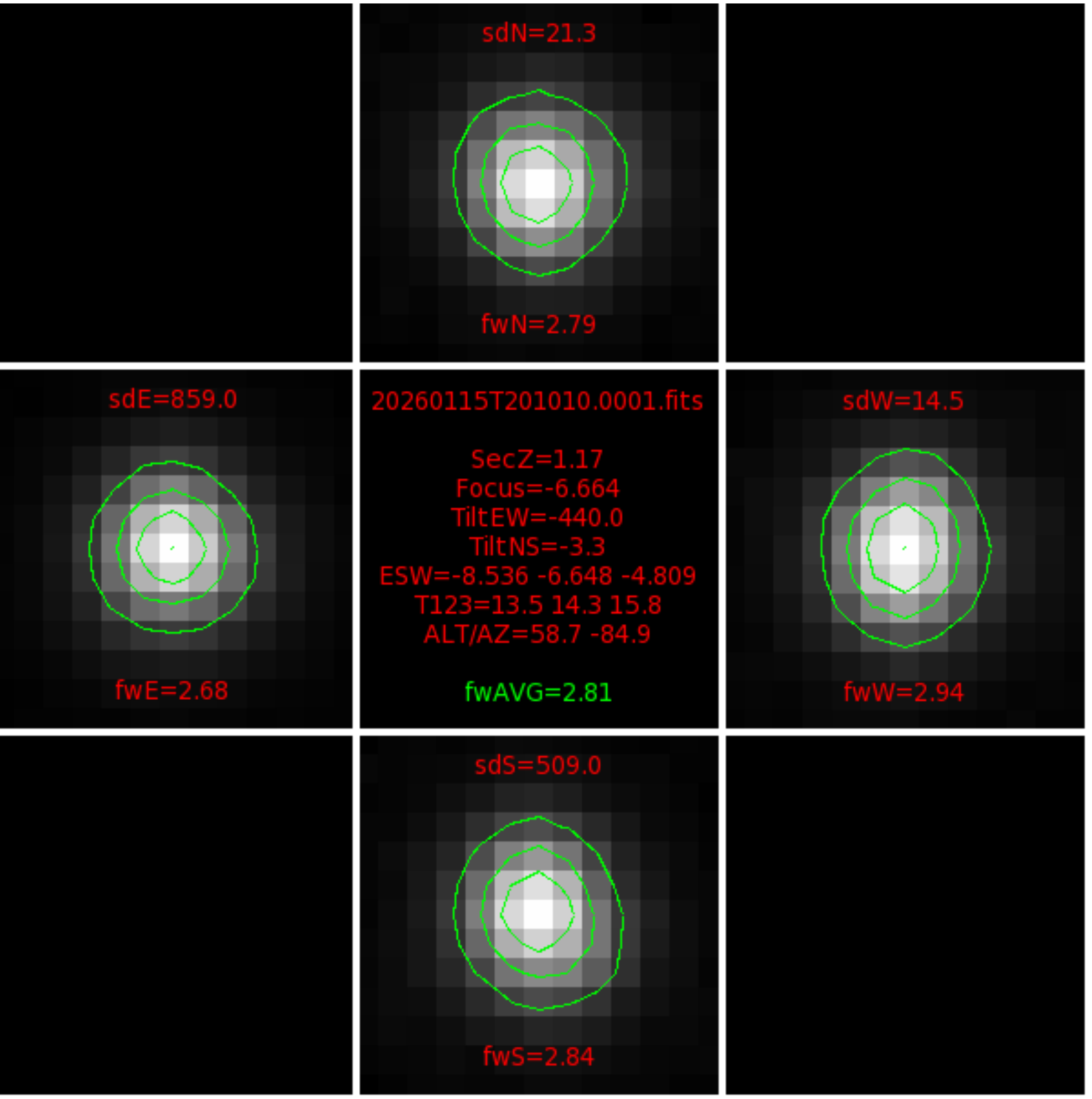
sdN=21.3
fwN=2.79
sdE=859.0
fwE=2.68
20260115T201010.0001.fits
SecZ=1.17
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.5 14.3 15.8
ALT/AZ=58.7 -84.9
fwAVG=2.81
sdW=14.5
fwW=2.94
sdS=509.0
fwS=2.84
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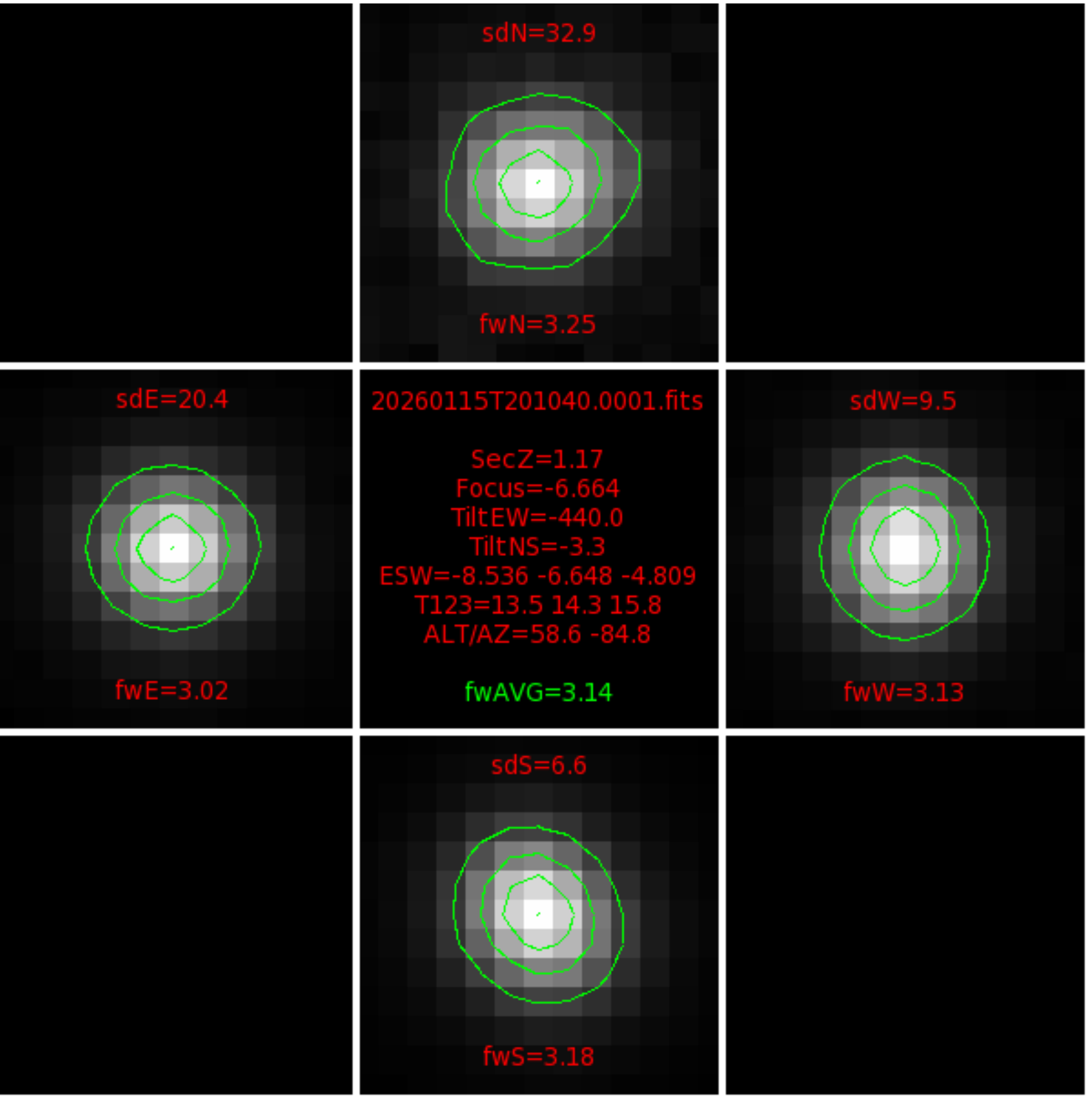
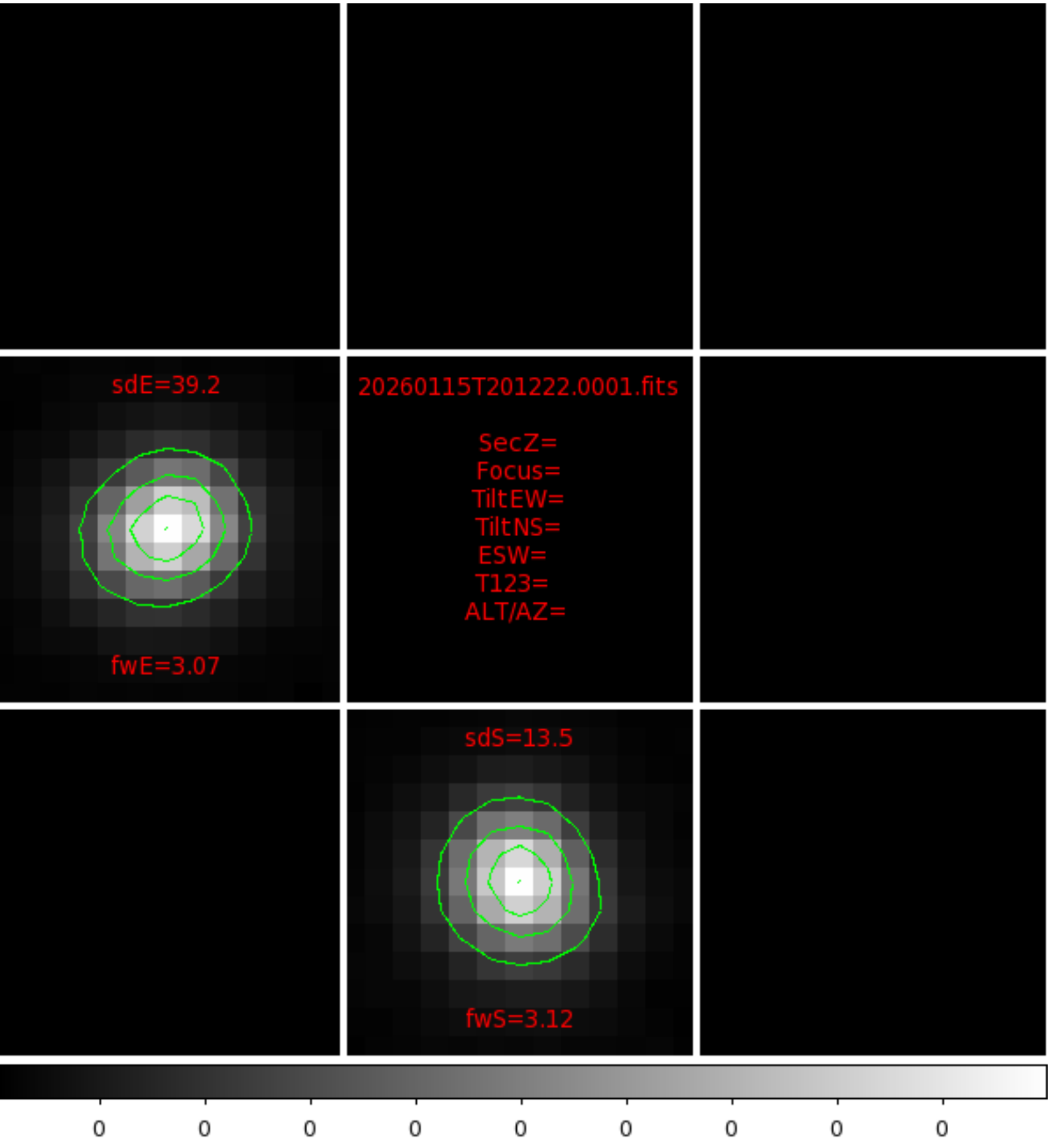

sdN=32.9
fwN=3.25
sdE=20.4
fwE=3.02
20260115T201040.0001.fits
SecZ=1.17
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.5 14.3 15.8
ALT/AZ=58.6 -84.8
fwAVG=3.14
sdW=9.5
fwW=3.13
sdS=6.6
fwS=3.18
0 0 0 0 0 0 0 0 0


sdE=39.2
20260115T201222.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=3.07
sdS=13.5
fwS=3.12
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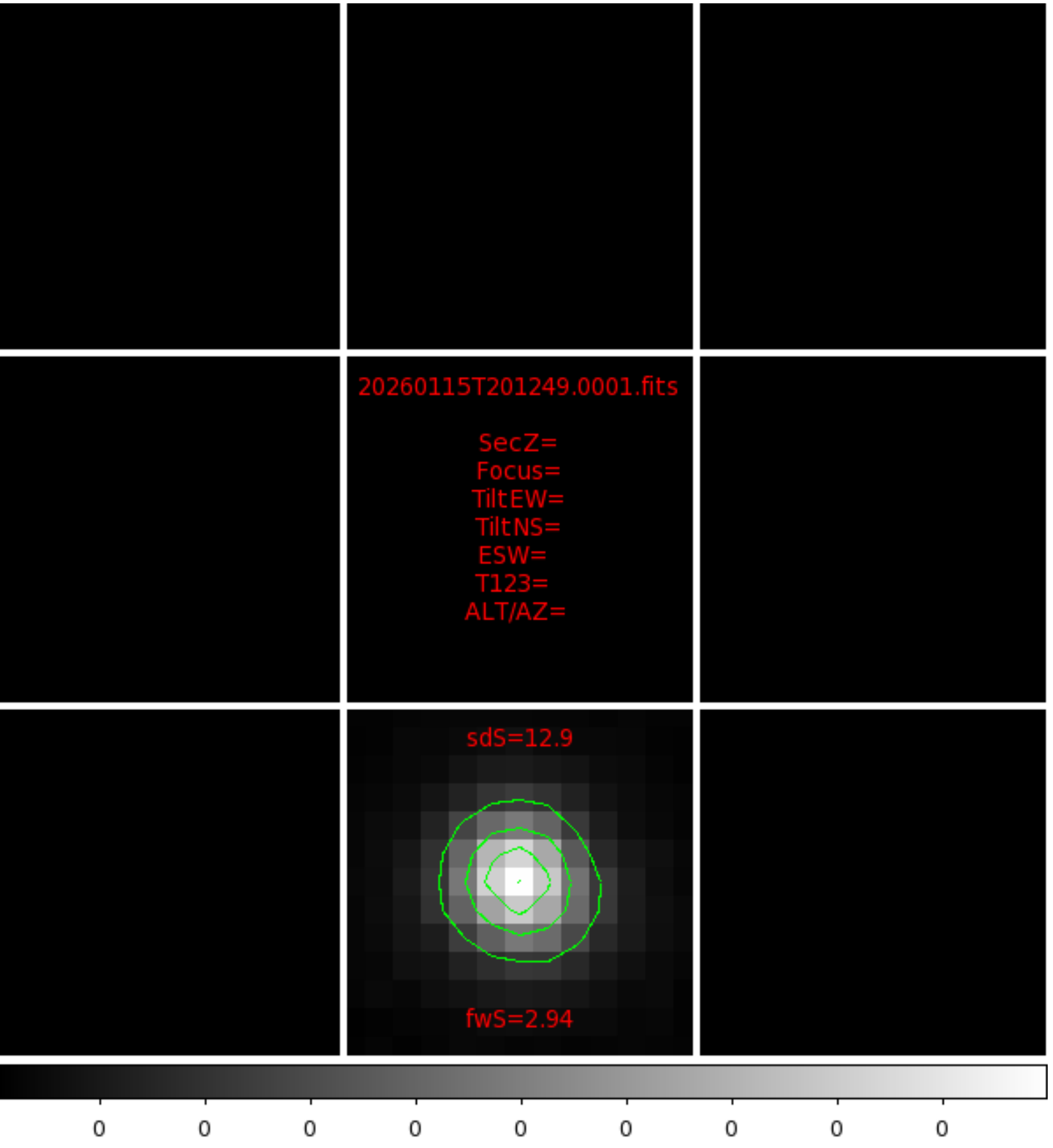
20260115T201249.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=12.9
fwS=2.94
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0
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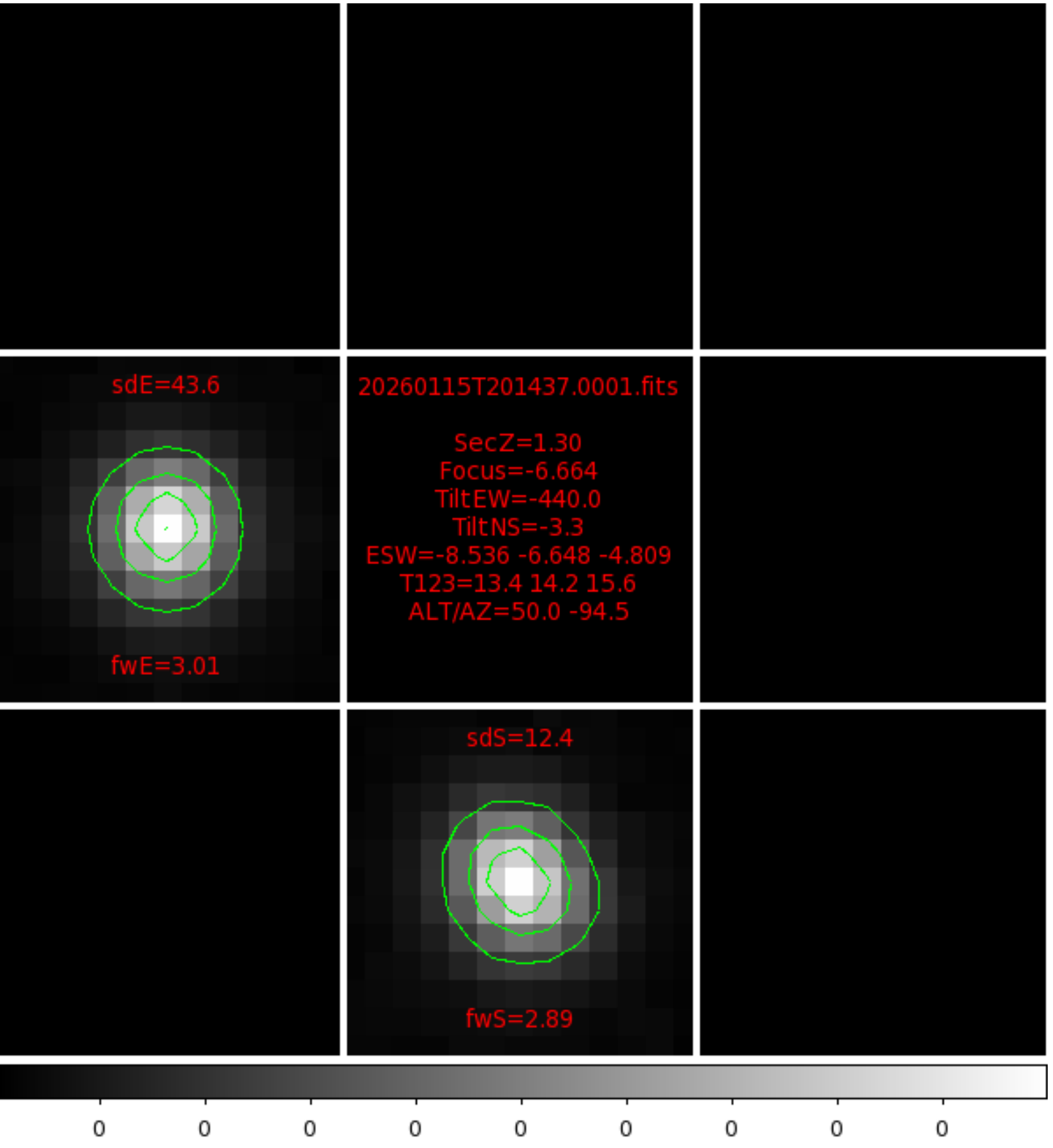
0
0


sdE=43.6
20260115T201437.0001.fits
SecZ=1.30
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.4 14.2 15.6
ALT/AZ=50.0 -94.5
fwE=3.01
sdS=12.4
fwS=2.89
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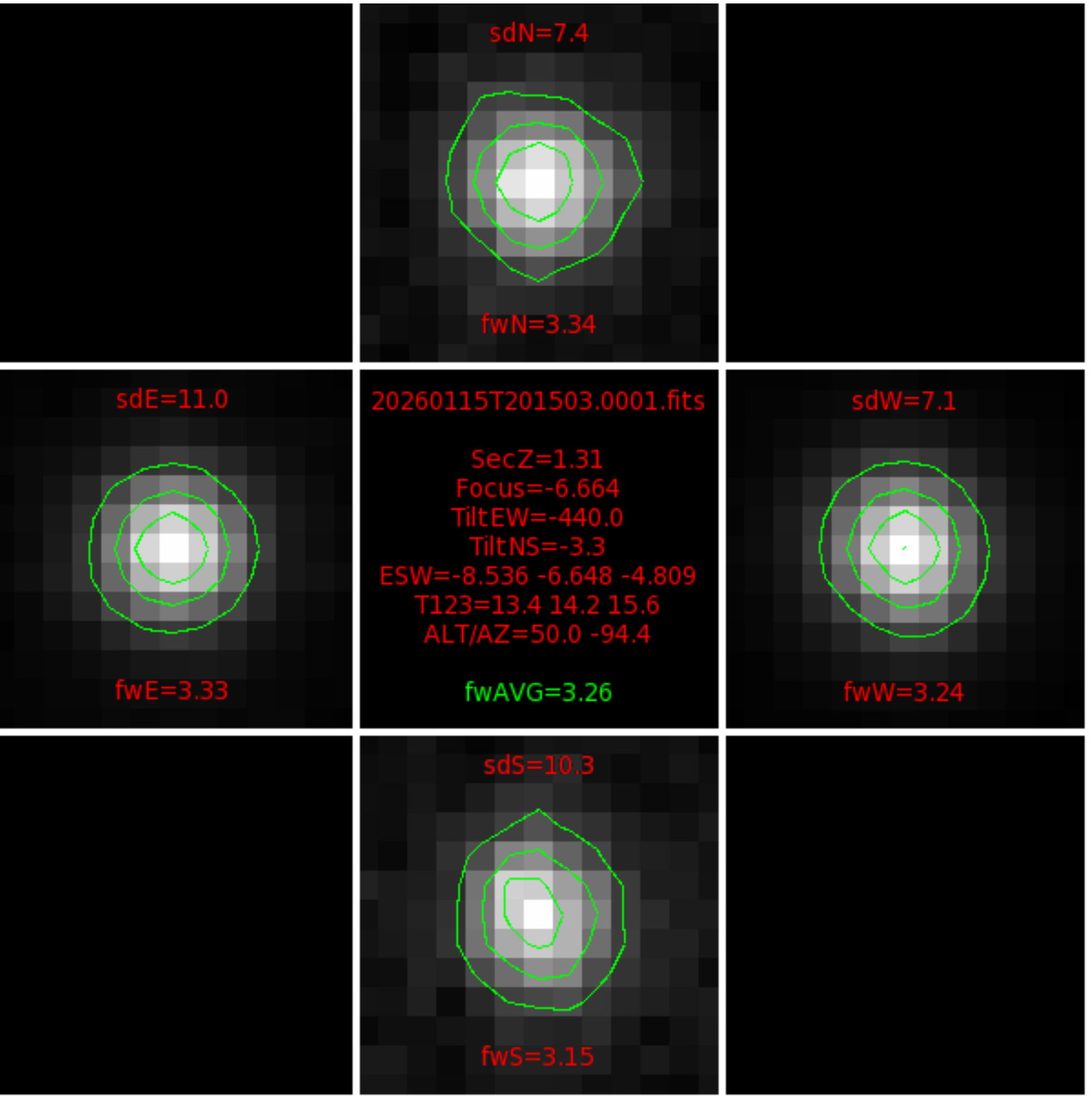
sdN=7.4
fwN=3.34
sdE=11.0
fwE=3.33
20260115T201503.0001.fits
SecZ=1.31
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.4 14.2 15.6
ALT/AZ=50.0 -94.4
fwAVG=3.26
sdW=7.1
fwW=3.24
sdS=10.3
fwS=3.15
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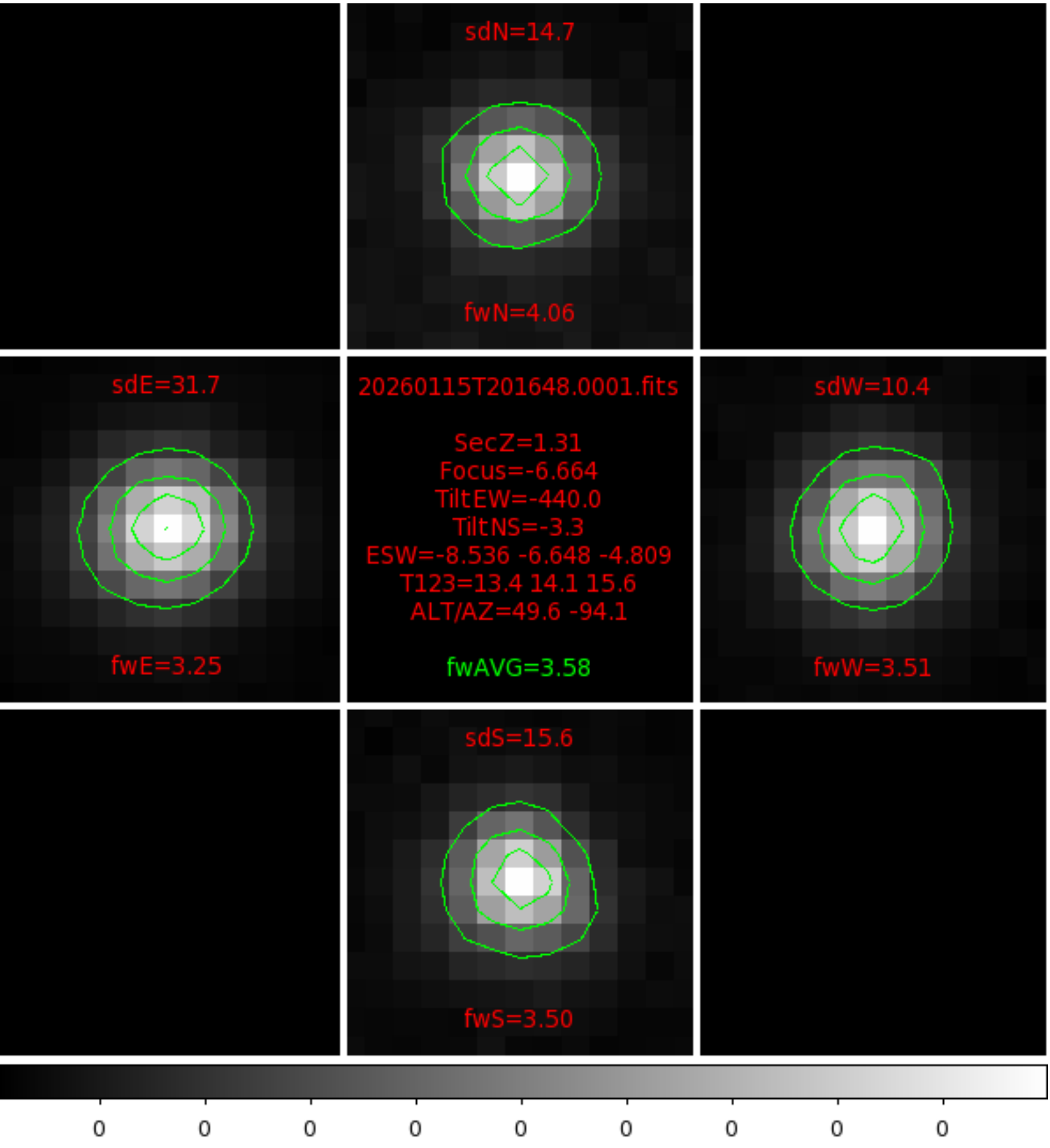
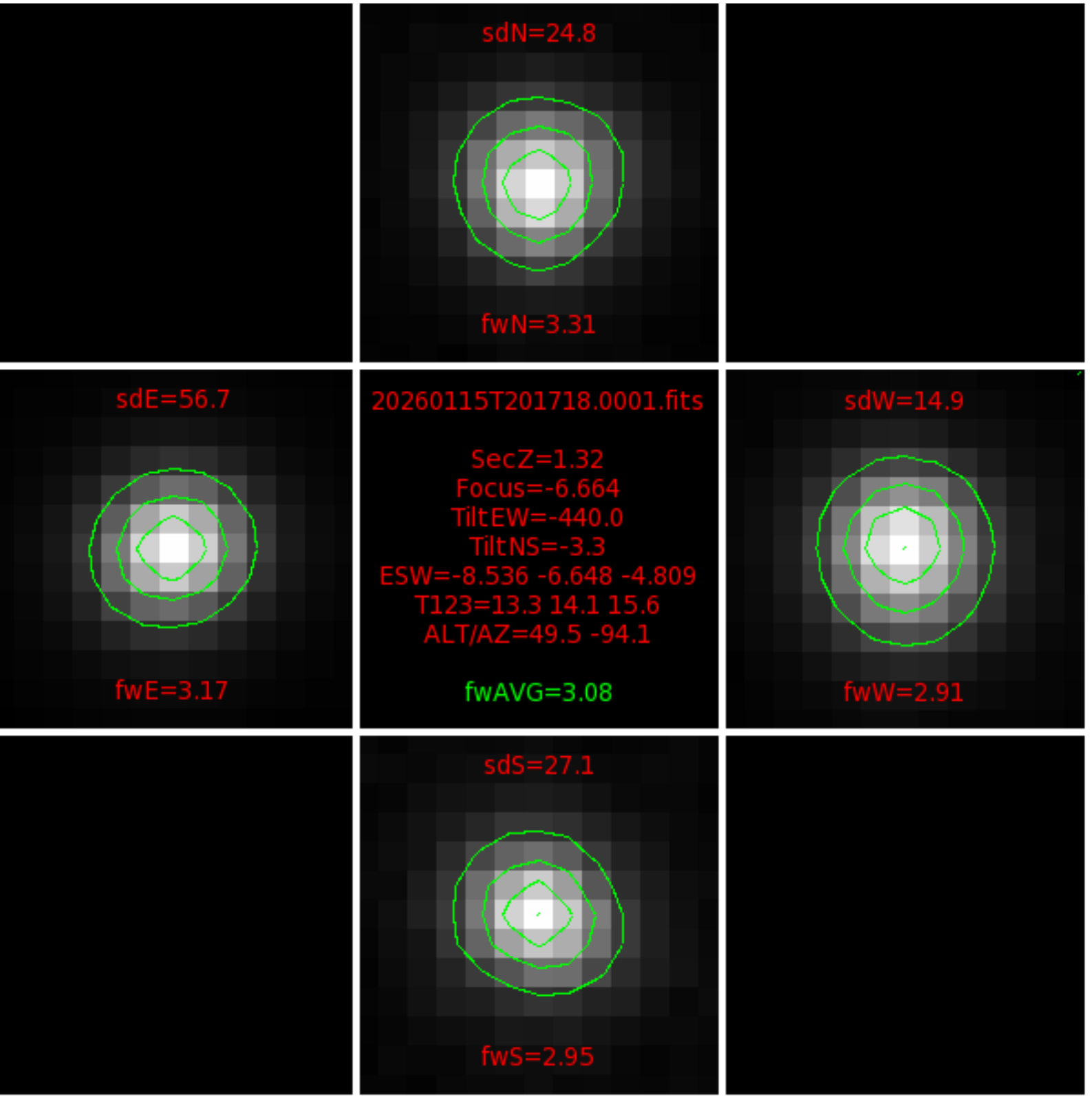
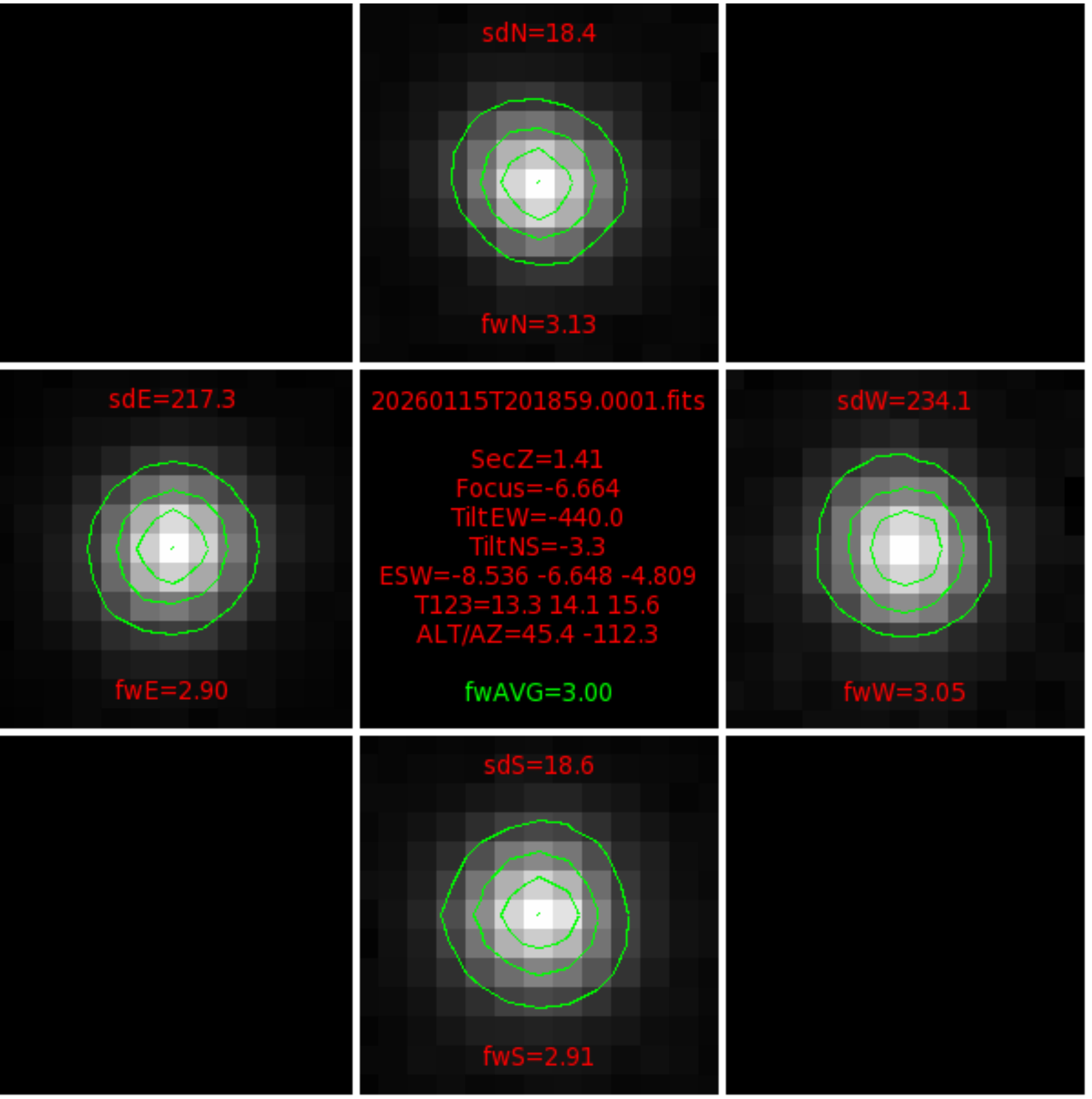
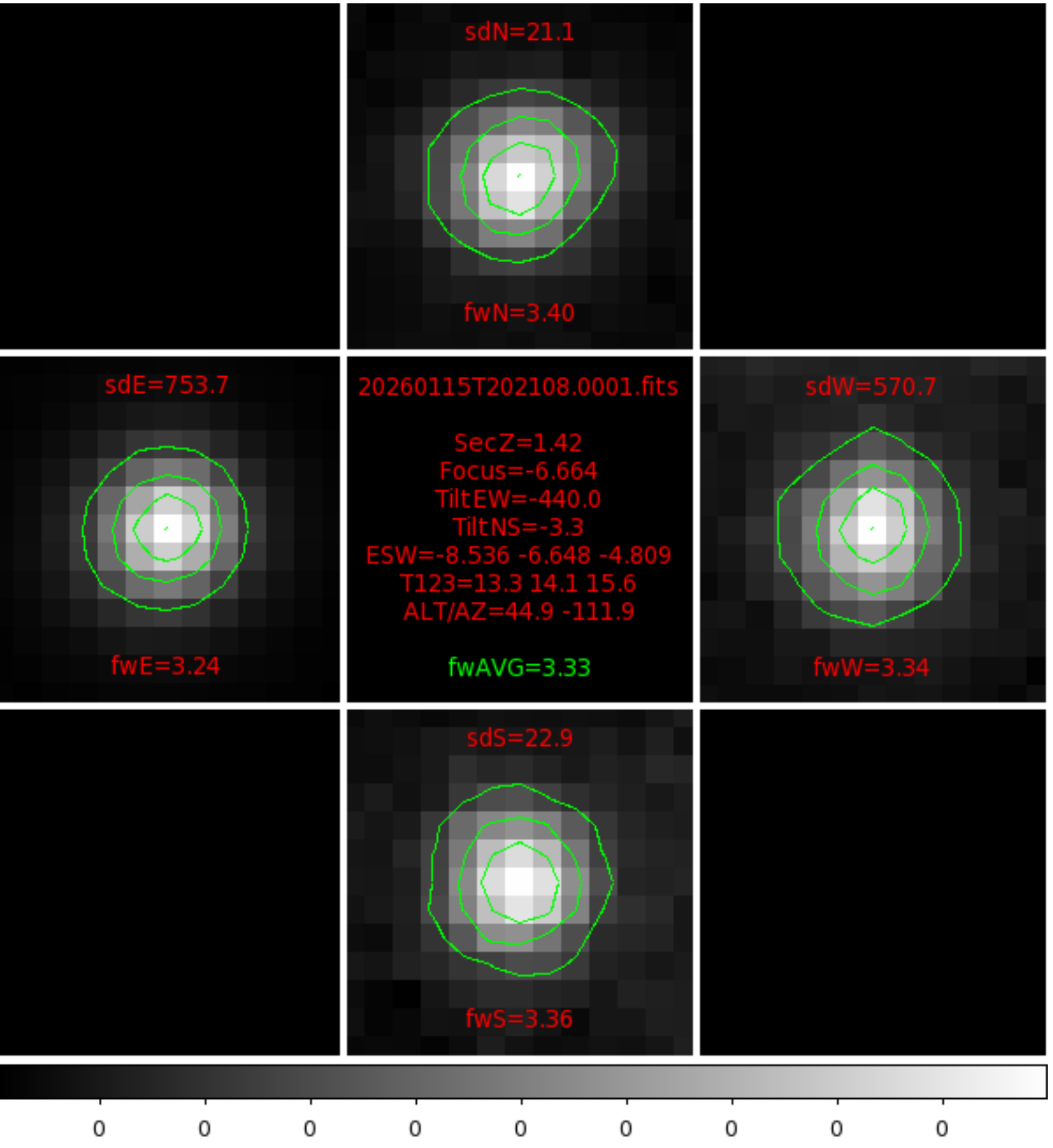

sdN=14.7
fwN=4.06
sdE=31.7
fwE=3.25
20260115T201648.0001.fits
SecZ=1.31
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.4 14.1 15.6
ALT/AZ=49.6 -94.1
fwAVG=3.58
sdW=10.4
fwW=3.51
sdS=15.6
fwS=3.50
0 0 0 0 0 0 0 0 0


sdN=24.8
fwN=3.31
sdE=56.7
fwE=3.17
20260115T201718.0001.fits
SecZ=1.32
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.3 14.1 15.6
ALT/AZ=49.5 -94.1
fwAVG=3.08
sdW=14.9
fwW=2.91
sdS=27.1
fwS=2.95
0 0 0 0 0 0 0 0 0


sdN=18.4
fwN=3.13
sdE=217.3
fwE=2.90
20260115T201859.0001.fits
SecZ=1.41
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.3 14.1 15.6
ALT/AZ=45.4 -112.3
fwAVG=3.00
sdW=234.1
fwW=3.05
sdS=18.6
fwS=2.91
0 0 0 0 0 0 0 0 0


sdN=21.1
fwN=3.40
sdE=753.7
fwE=3.24
20260115T202108.0001.fits
SecZ=1.42
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.3 14.1 15.6
ALT/AZ=44.9 -111.9
fwAVG=3.33
sdW=570.7
fwW=3.34
sdS=22.9
fwS=3.36
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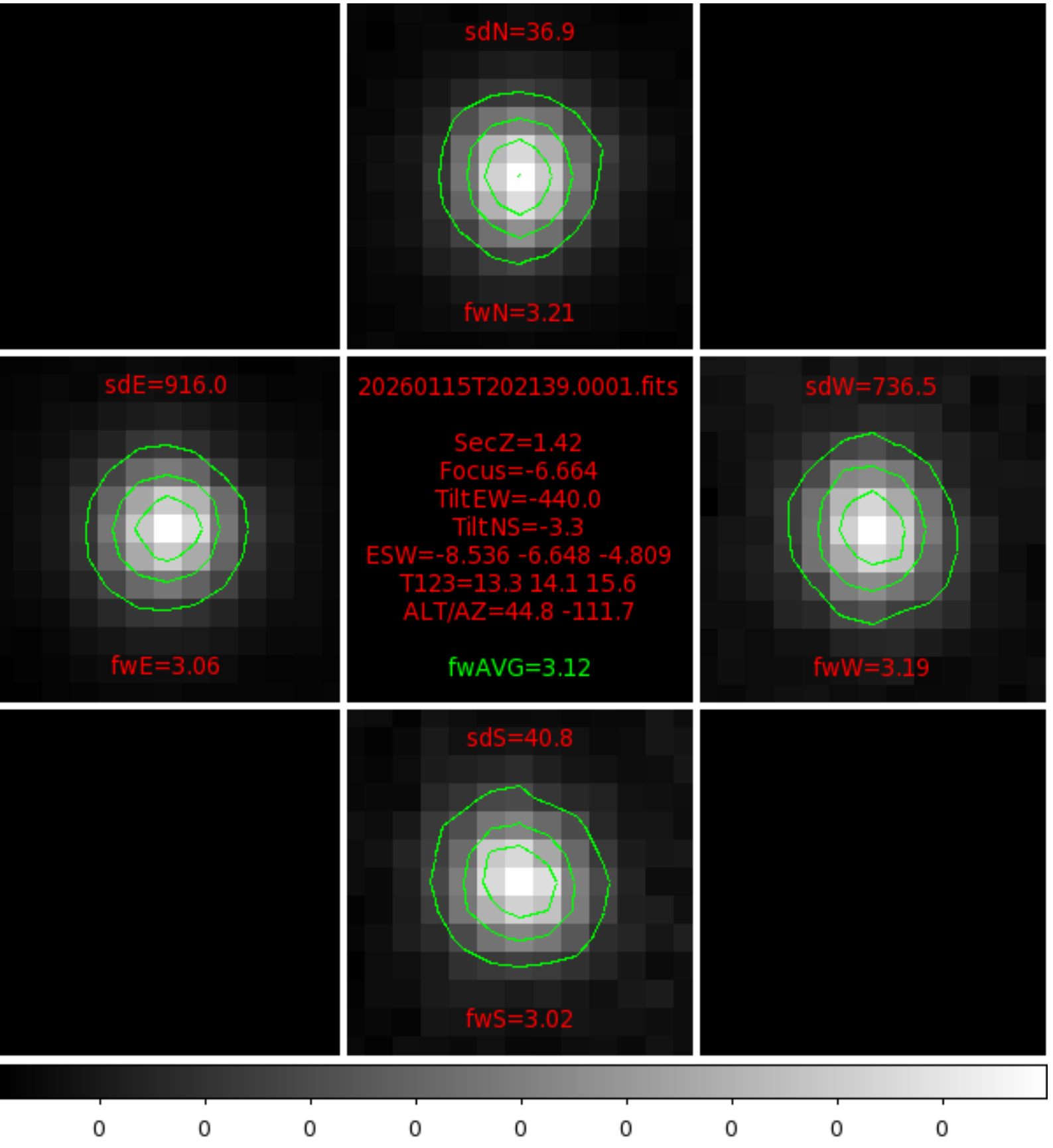
sdN=36.9
fwN=3.21
sdE=916.0
fwE=3.06
20260115T202139.0001.fits
SecZ=1.42
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.3 14.1 15.6
ALT/AZ=44.8 -111.7
fwAVG=3.12
sdW=736.5
fwW=3.19
sdS=40.8
fwS=3.02
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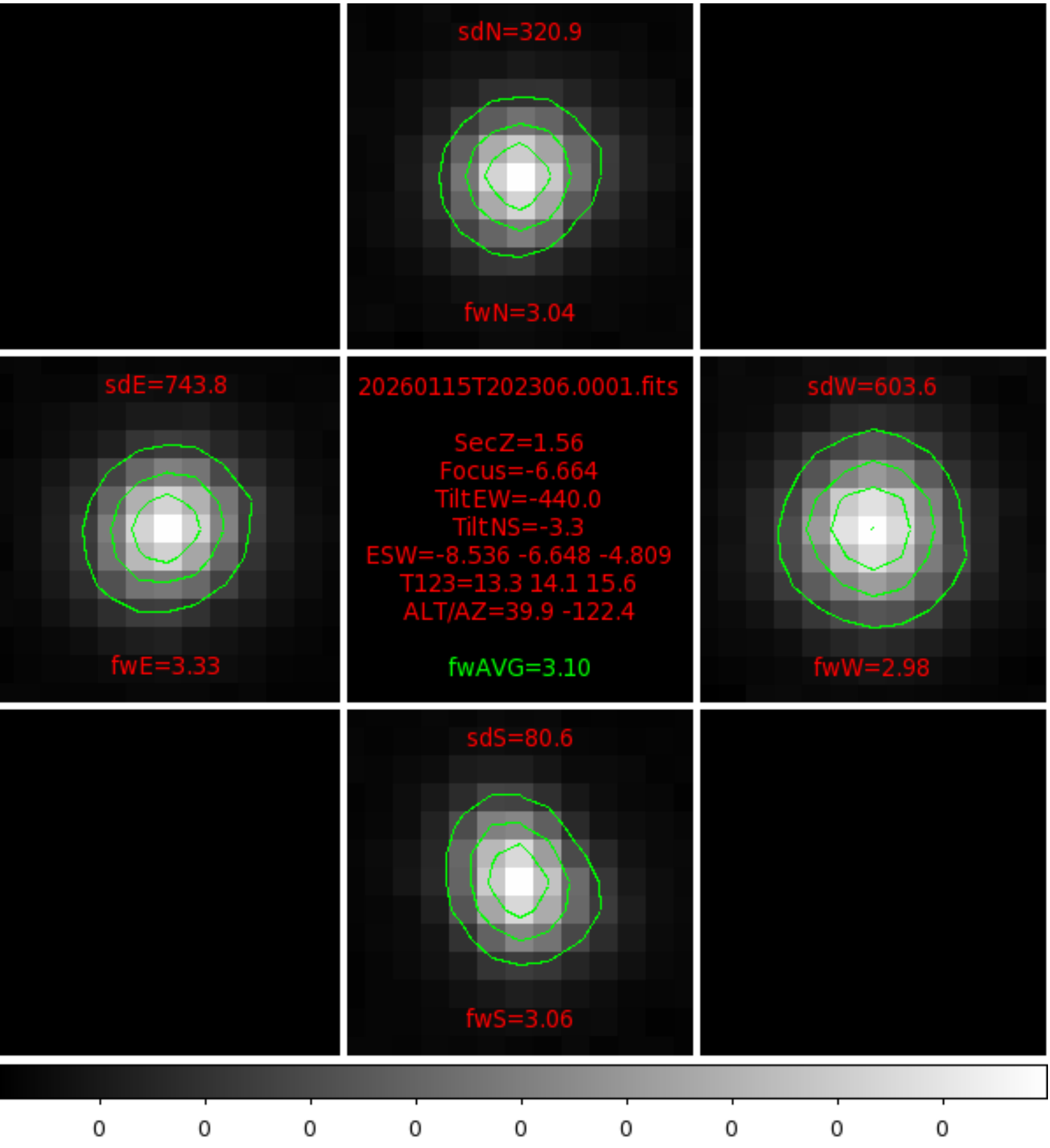
sdN=320.9
fwN=3.04
sdE=743.8
fwE=3.33
20260115T202306.0001.fits
SecZ=1.56
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.3 14.1 15.6
ALT/AZ=39.9 -122.4
fwAVG=3.10
sdW=603.6
fwW=2.98
sdS=80.6
fwS=3.06
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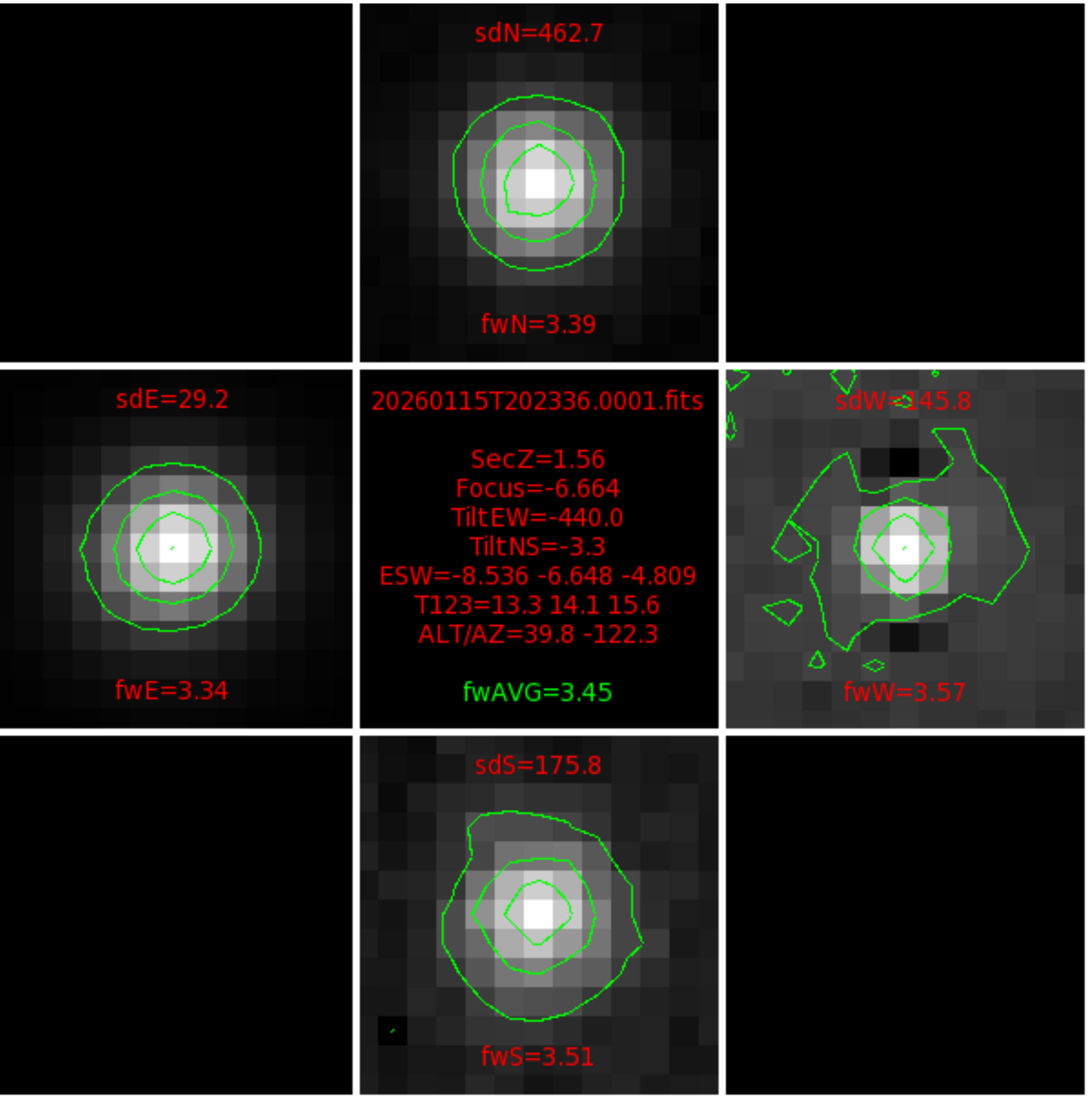
sdN=462.7
fwN=3.39
sdE=29.2
fwE=3.34
20260115T202336.0001.fits
SecZ=1.56
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.3 14.1 15.6
ALT/AZ=39.8 -122.3
fwAVG=3.45
sdW=145.8
fwW=3.57
sdS=175.8
fwS=3.51
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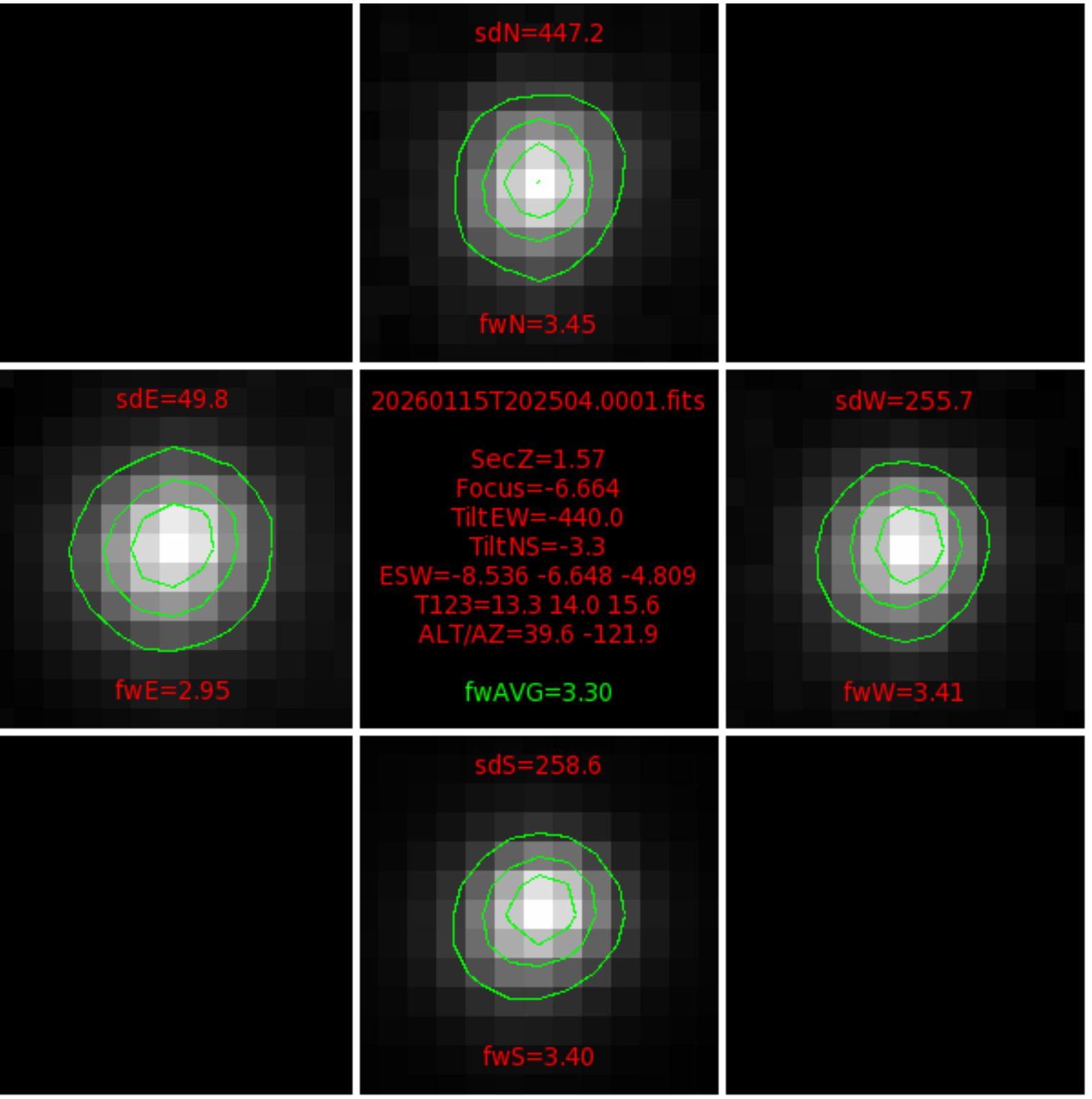
sdN=447.2
fwN=3.45
sdE=49.8
fwE=2.95
20260115T202504.0001.fits
SecZ=1.57
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.3 14.0 15.6
ALT/AZ=39.6 -121.9
fwAVG=3.30
sdW=255.7
fwW=3.41
sdS=258.6
fwS=3.40
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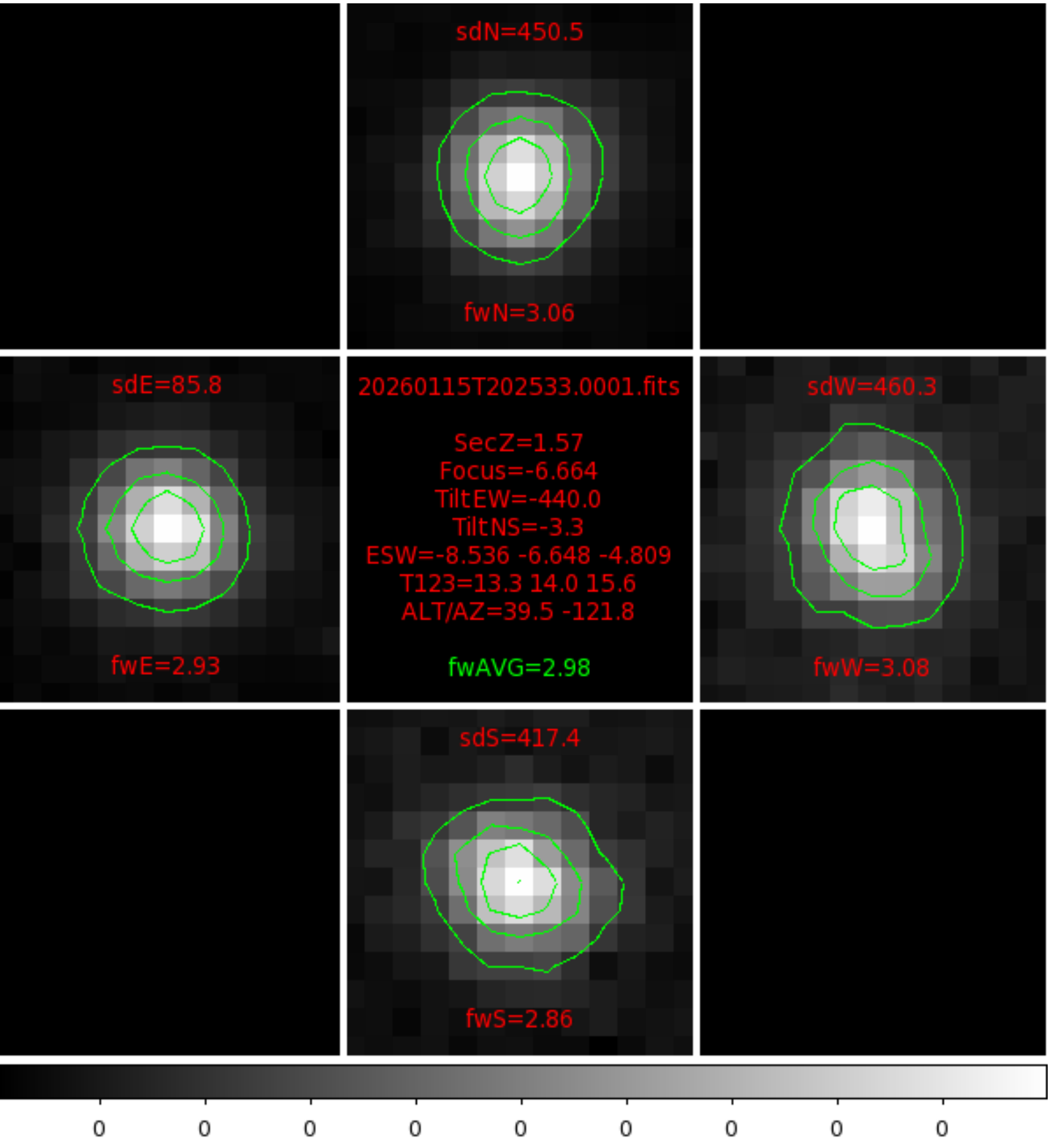
sdN=450.5
fwN=3.06
sdE=85.8
fwE=2.93
20260115T202533.0001.fits
SecZ=1.57
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.3 14.0 15.6
ALT/AZ=39.5 -121.8
fwAVG=2.98
sdW=460.3
fwW=3.08
sdS=417.4
fwS=2.86
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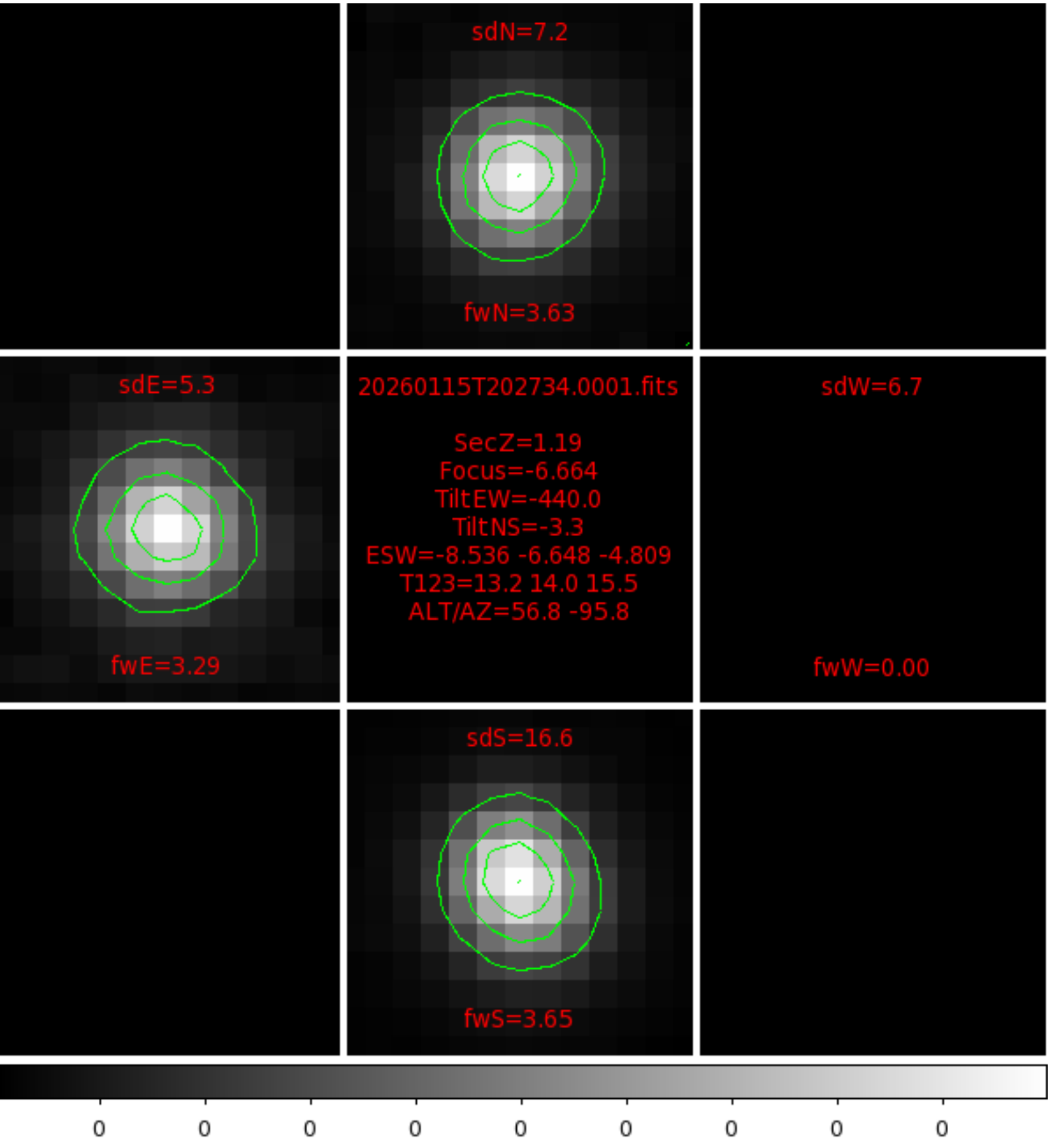
sdN=7.2
fwN=3.63
sdE=5.3
fwE=3.29
20260115T202734.0001.fits
SecZ=1.19
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.2 14.0 15.5
ALT/AZ=56.8 -95.8
sdW=6.7
fwW=0.00
sdS=16.6
fwS=3.65
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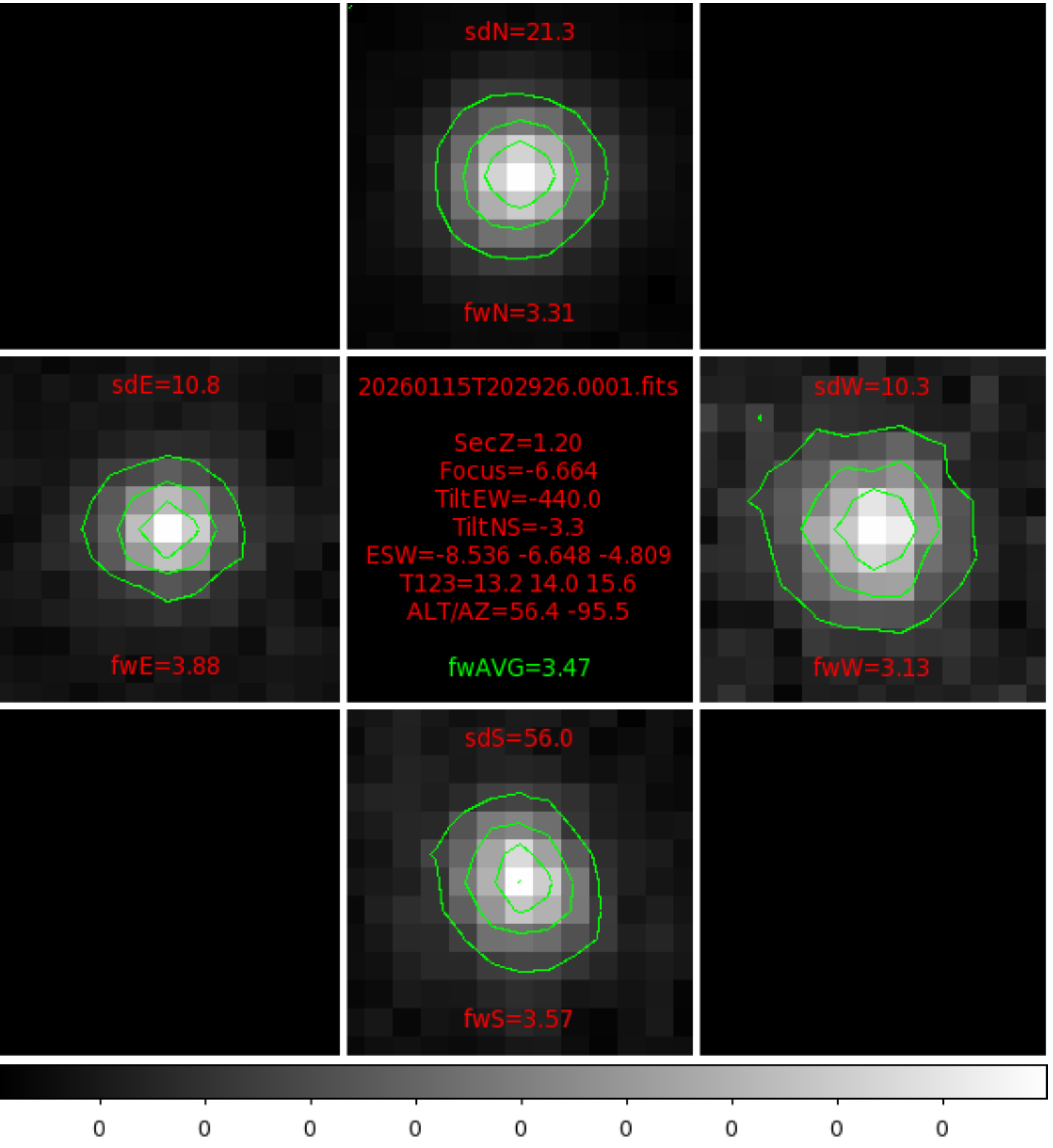
sdN=21.3
fwN=3.31
sdE=10.8
fwE=3.88
20260115T202926.0001.fits
SecZ=1.20
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.2 14.0 15.6
ALT/AZ=56.4 -95.5
fwAVG=3.47
sdW=10.3
fwW=3.13
sdS=56.0
fwS=3.57
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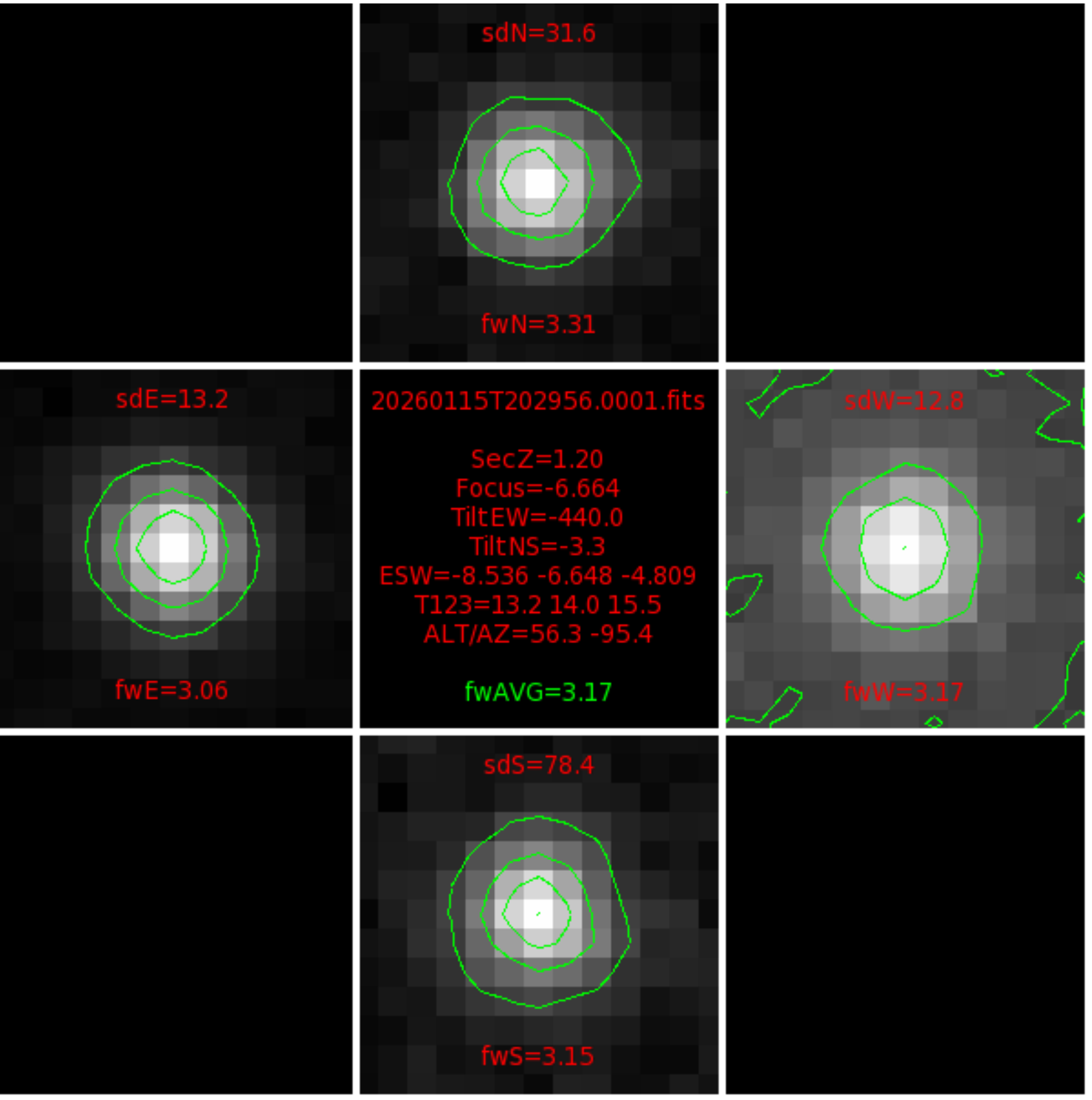
sdN=31.6
fwN=3.31
sdE=13.2
fwE=3.06
20260115T202956.0001.fits
SecZ=1.20
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.2 14.0 15.5
ALT/AZ=56.3 -95.4
fwAVG=3.17
sdW=12.8
fwW=3.17
sdS=78.4
fwS=3.15
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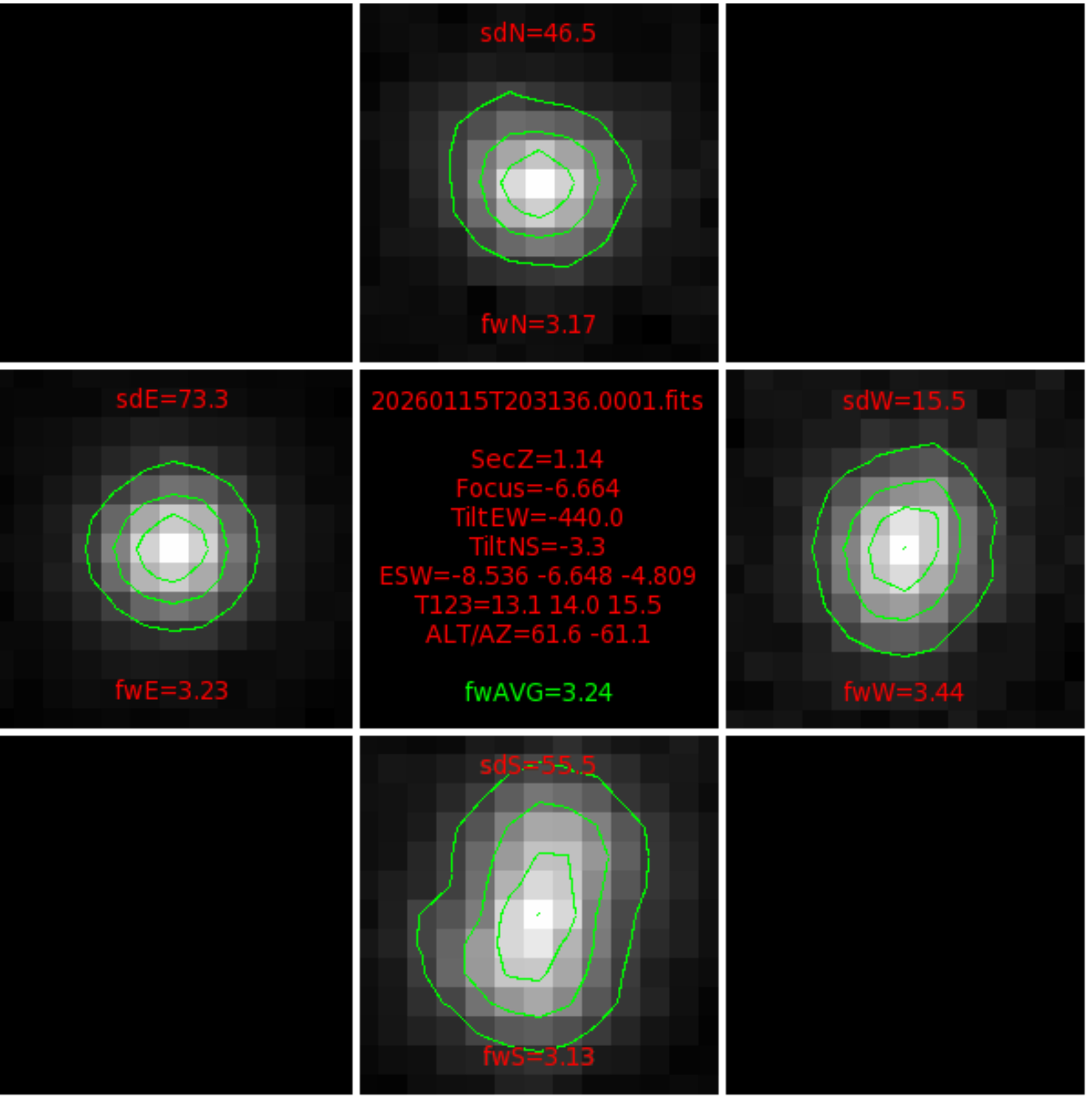
sdN=46.5
fwN=3.17
sdE=73.3
fwE=3.23
20260115T203136.0001.fits
SecZ=1.14
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.1 14.0 15.5
ALT/AZ=61.6 -61.1
fwAVG=3.24
sdW=15.5
fwW=3.44
sdS=55.5
fwS=3.13
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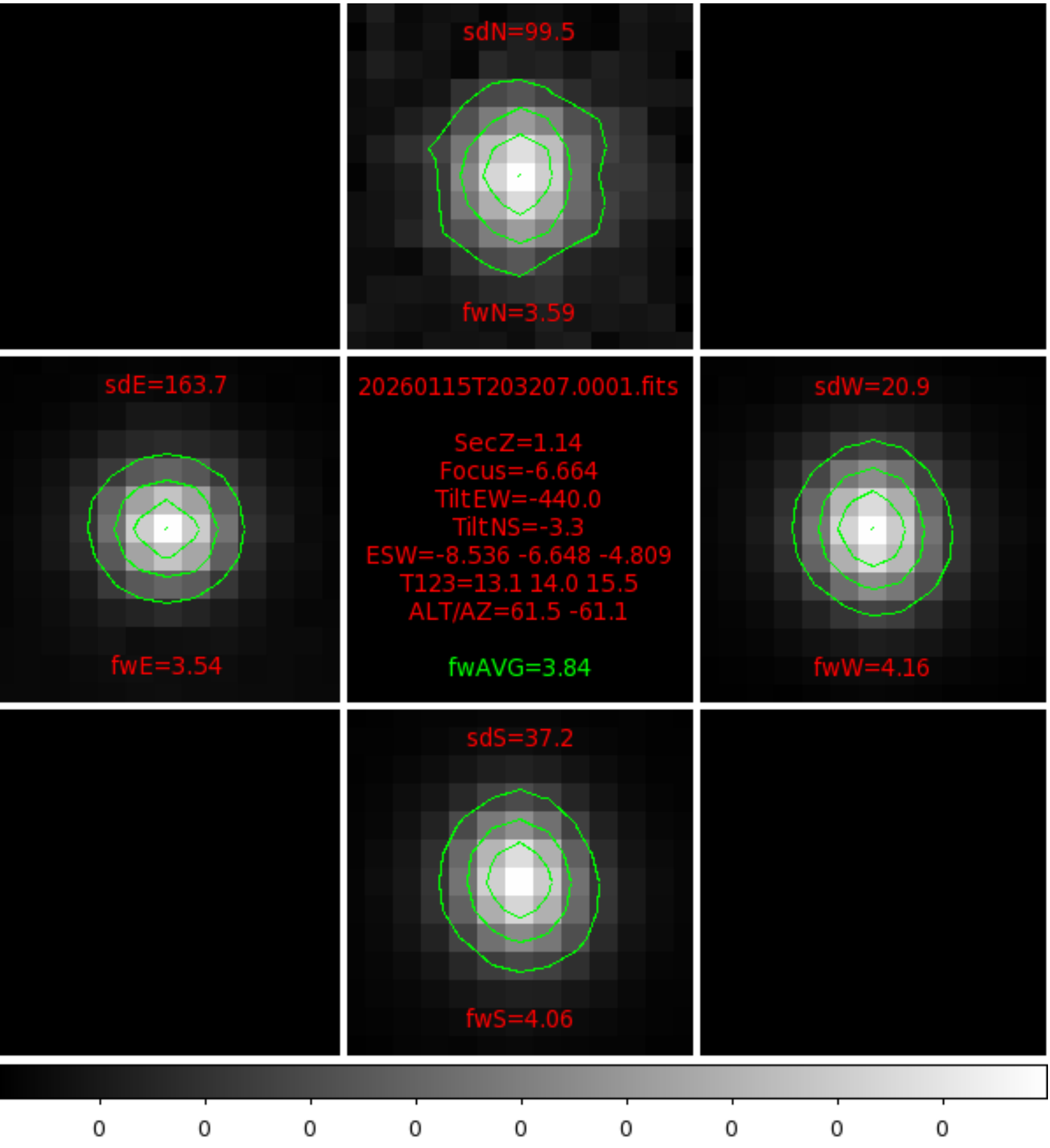
sdN=99.5
fwN=3.59
sdE=163.7
fwE=3.54
20260115T203207.0001.fits
SecZ=1.14
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.1 14.0 15.5
ALT/AZ=61.5 -61.1
fwAVG=3.84
sdW=20.9
fwW=4.16
sdS=37.2
fwS=4.06
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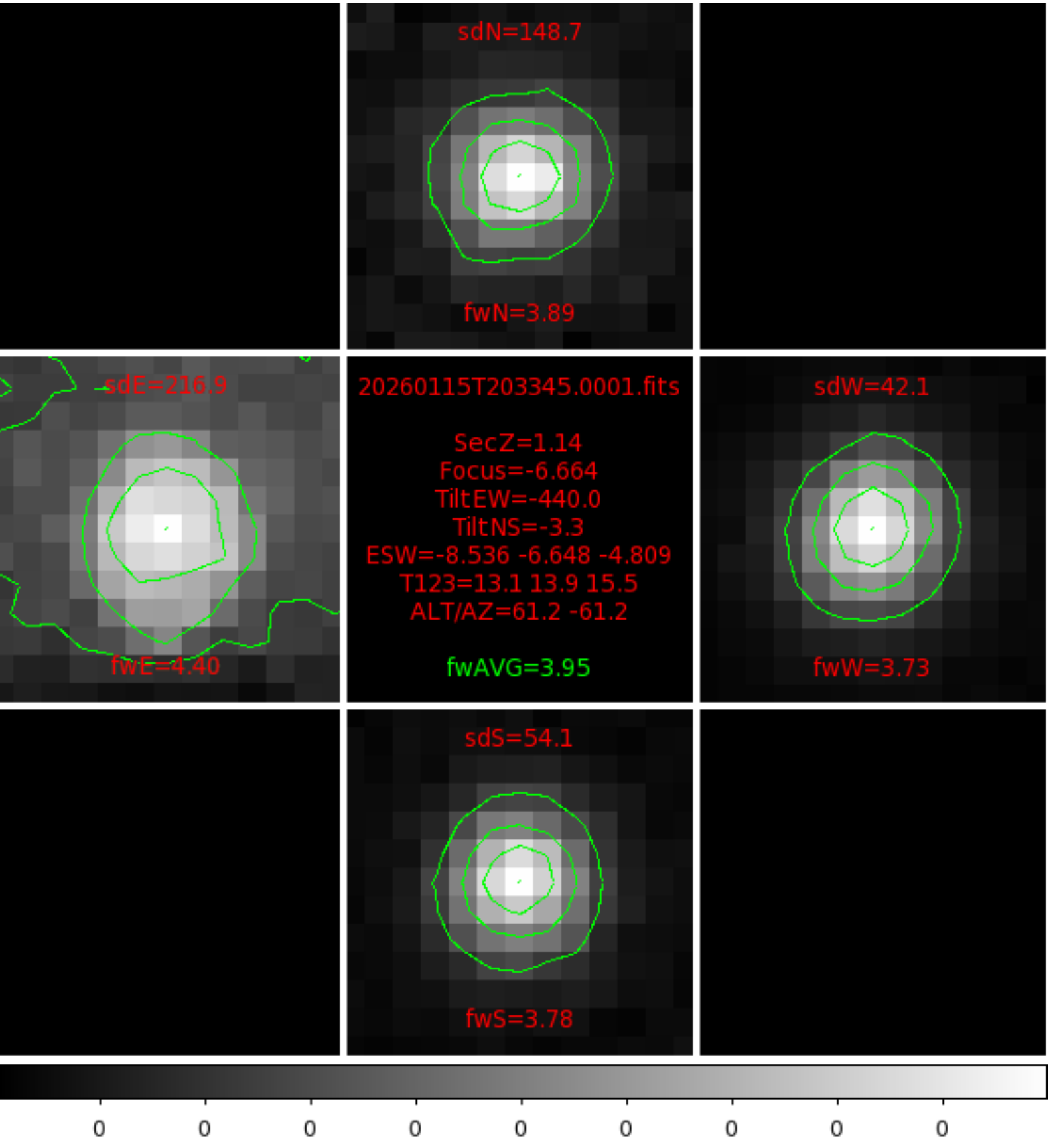
sdN=148.7
fwN=3.89
sdE=216.9
fwE=4.40
20260115T203345.0001.fits
SecZ=1.14
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.1 13.9 15.5
ALT/AZ=61.2 -61.2
fwAVG=3.95
sdW=42.1
fwW=3.73
sdS=54.1
fwS=3.78
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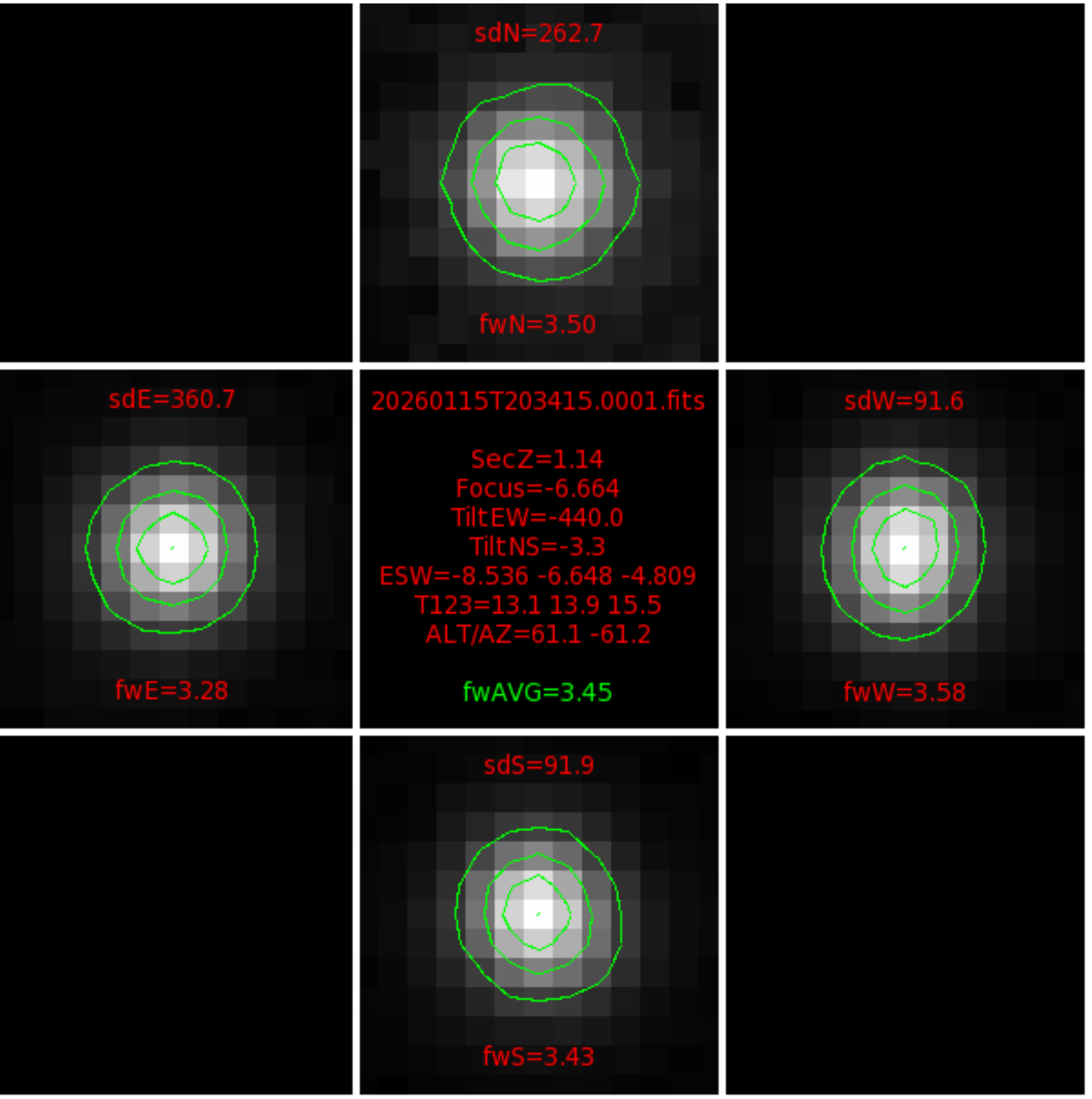
sdN=262.7
fwN=3.50
sdE=360.7
fwE=3.28
20260115T203415.0001.fits
SecZ=1.14
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.1 13.9 15.5
ALT/AZ=61.1 -61.2
fwAVG=3.45
sdW=91.6
fwW=3.58
sdS=91.9
fwS=3.43
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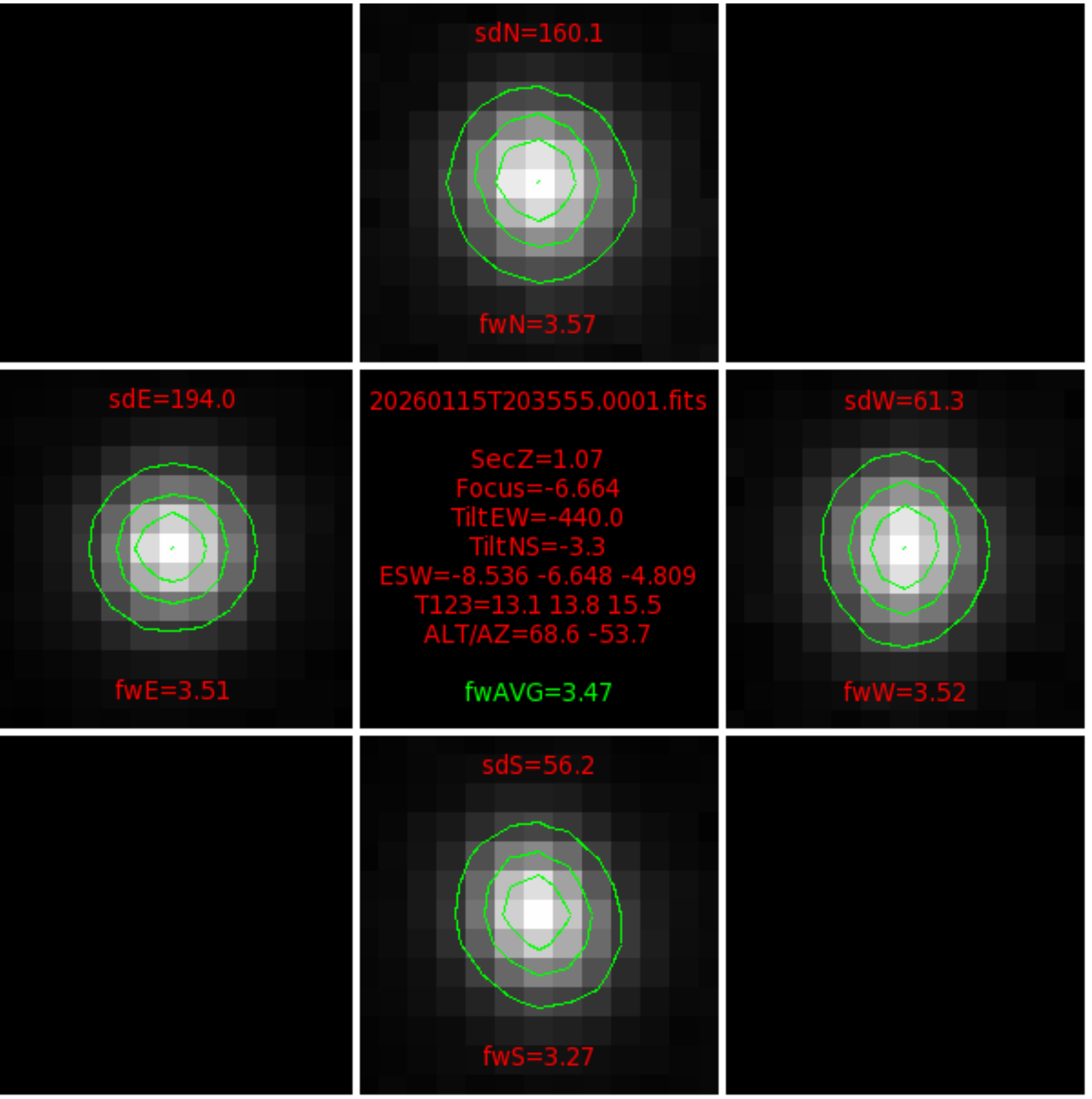
sdN=160.1
fwN=3.57
sdE=194.0
fwE=3.51
20260115T203555.0001.fits
SecZ=1.07
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.1 13.8 15.5
ALT/AZ=68.6 -53.7
fwAVG=3.47
sdW=61.3
fwW=3.52
sdS=56.2
fwS=3.27
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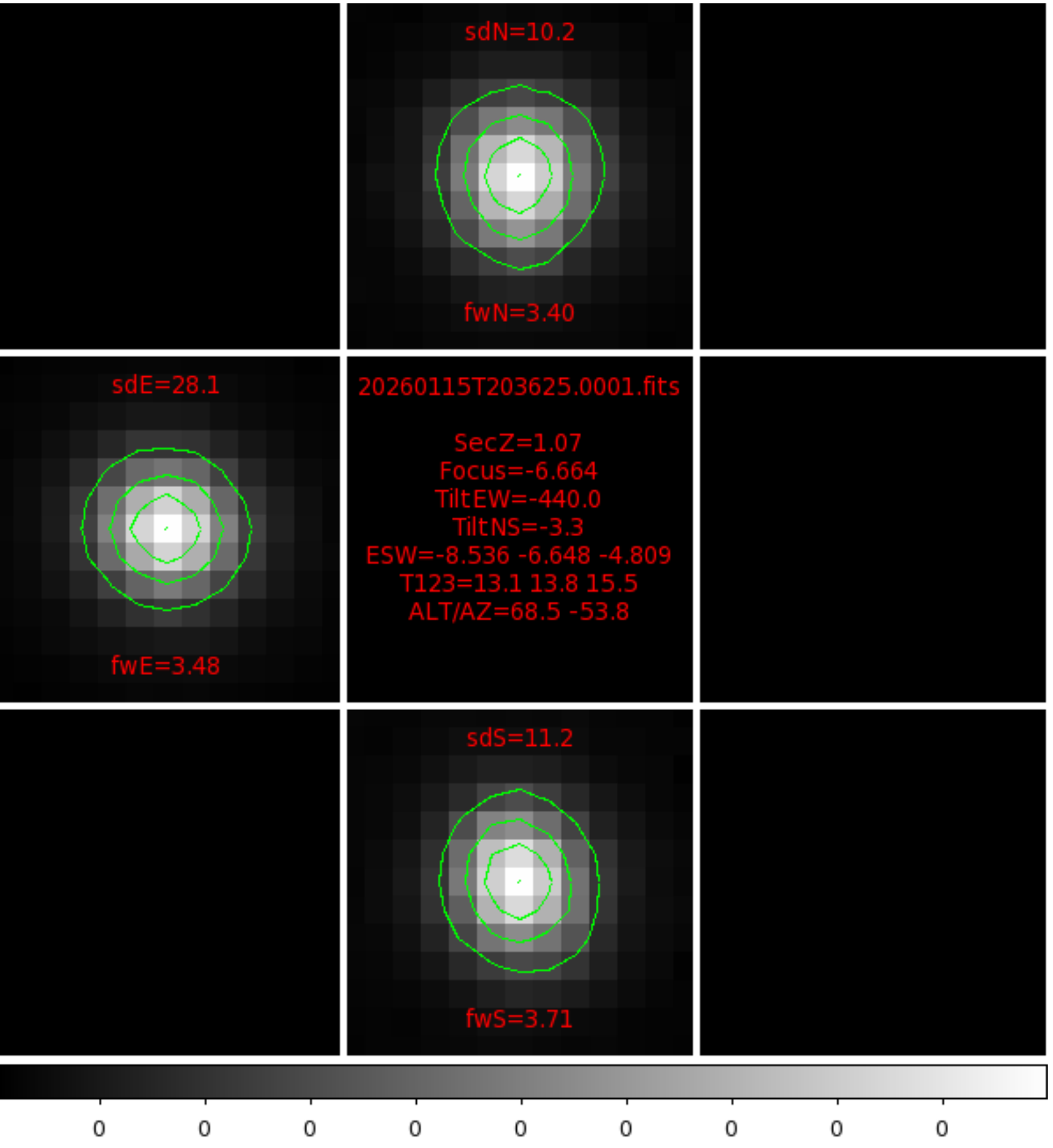
sdN=10.2
fwN=3.40
sdE=28.1
fwE=3.48
20260115T203625.0001.fits
SecZ=1.07
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.1 13.8 15.5
ALT/AZ=68.5 -53.8
sdS=11.2
fwS=3.71
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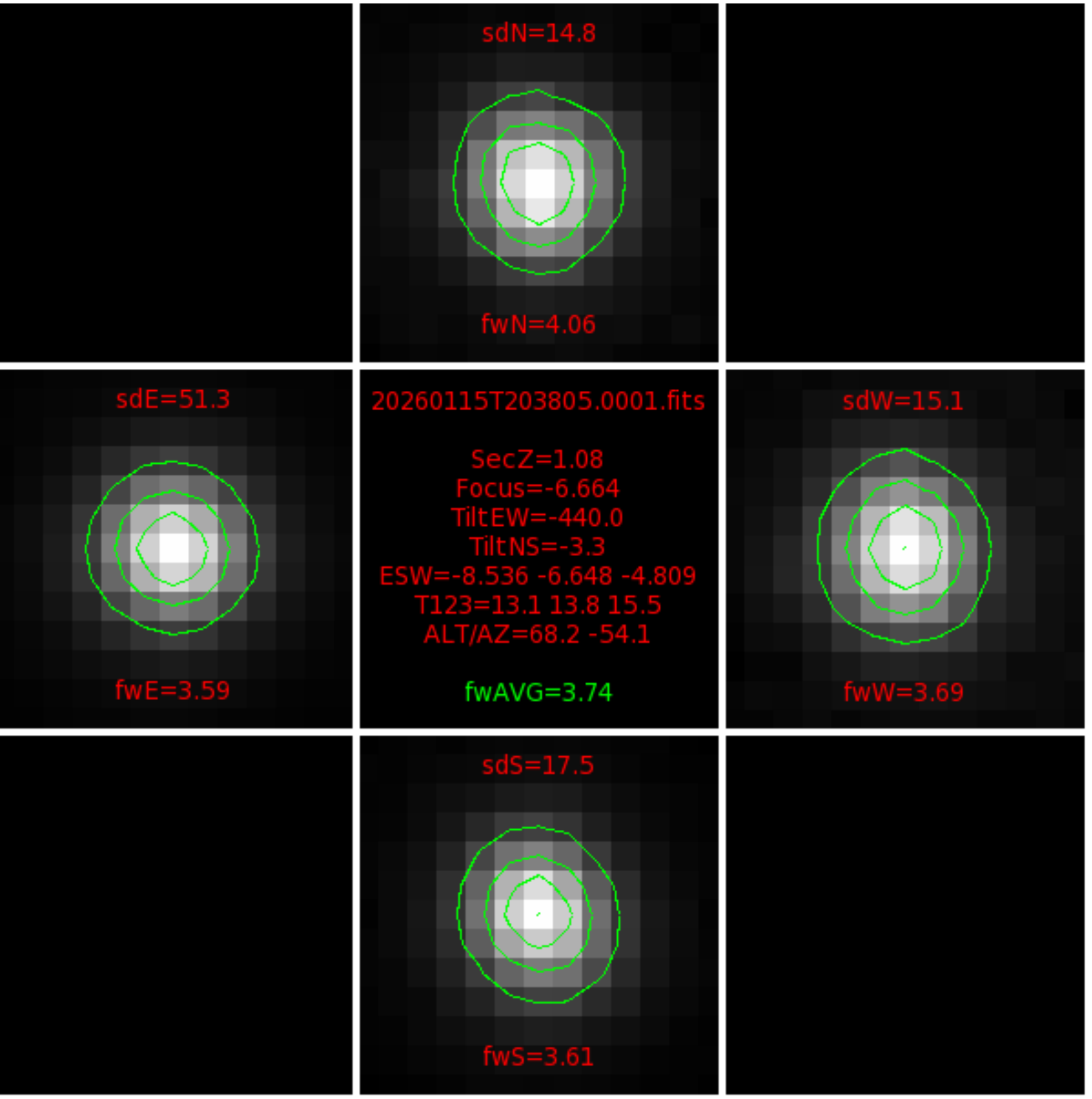
sdN=14.8
fwN=4.06
sdE=51.3
fwE=3.59
20260115T203805.0001.fits
SecZ=1.08
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.1 13.8 15.5
ALT/AZ=68.2 -54.1
fwAVG=3.74
sdW=15.1
fwW=3.69
sdS=17.5
fwS=3.61
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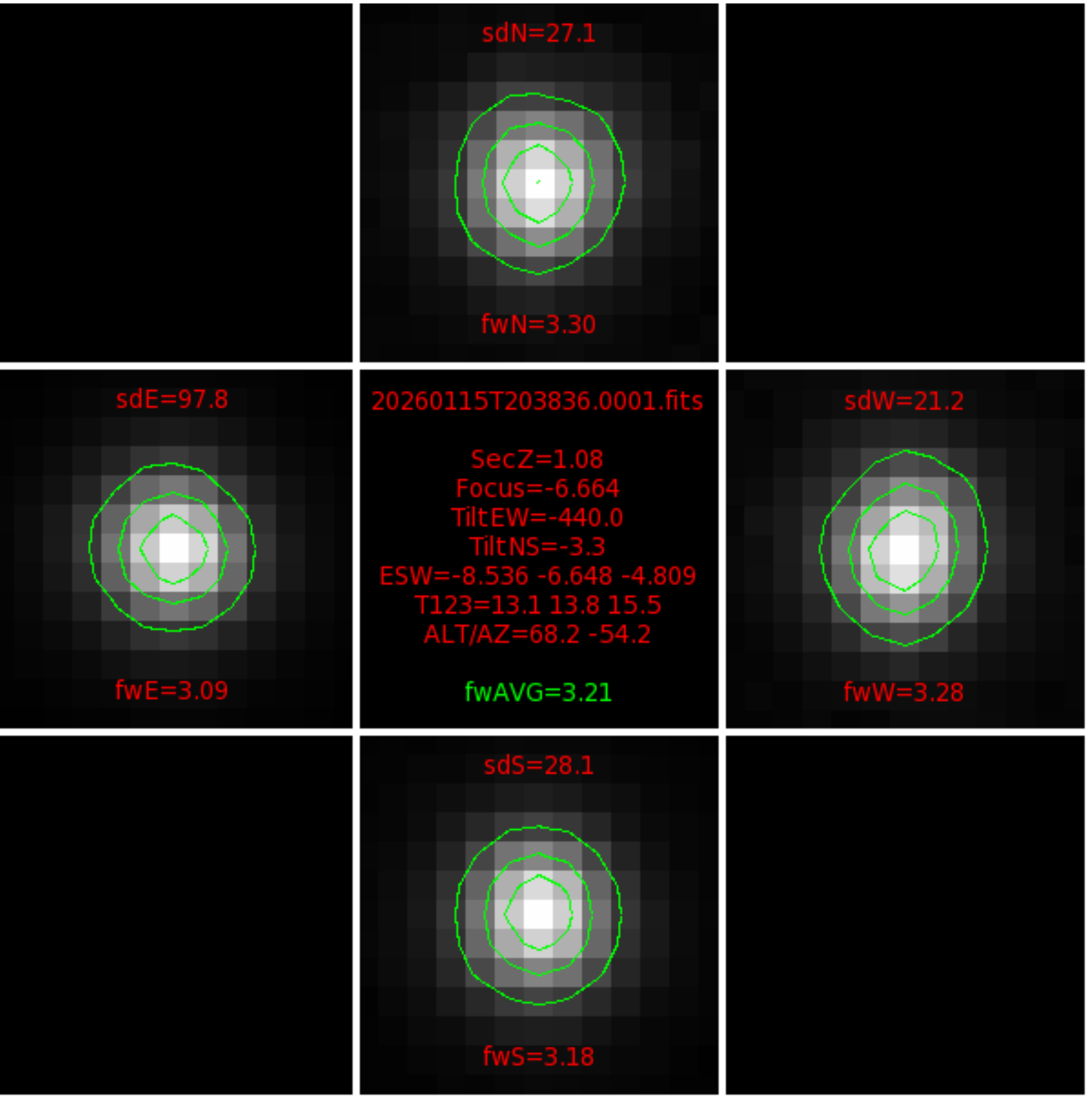
sdN=27.1
fwN=3.30
sdE=97.8
fwE=3.09
20260115T203836.0001.fits
SecZ=1.08
Focus=-6.664
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.536 -6.648 -4.809
T123=13.1 13.8 15.5
ALT/AZ=68.2 -54.2
fwAVG=3.21
sdW=21.2
fwW=3.28
sdS=28.1
fwS=3.18
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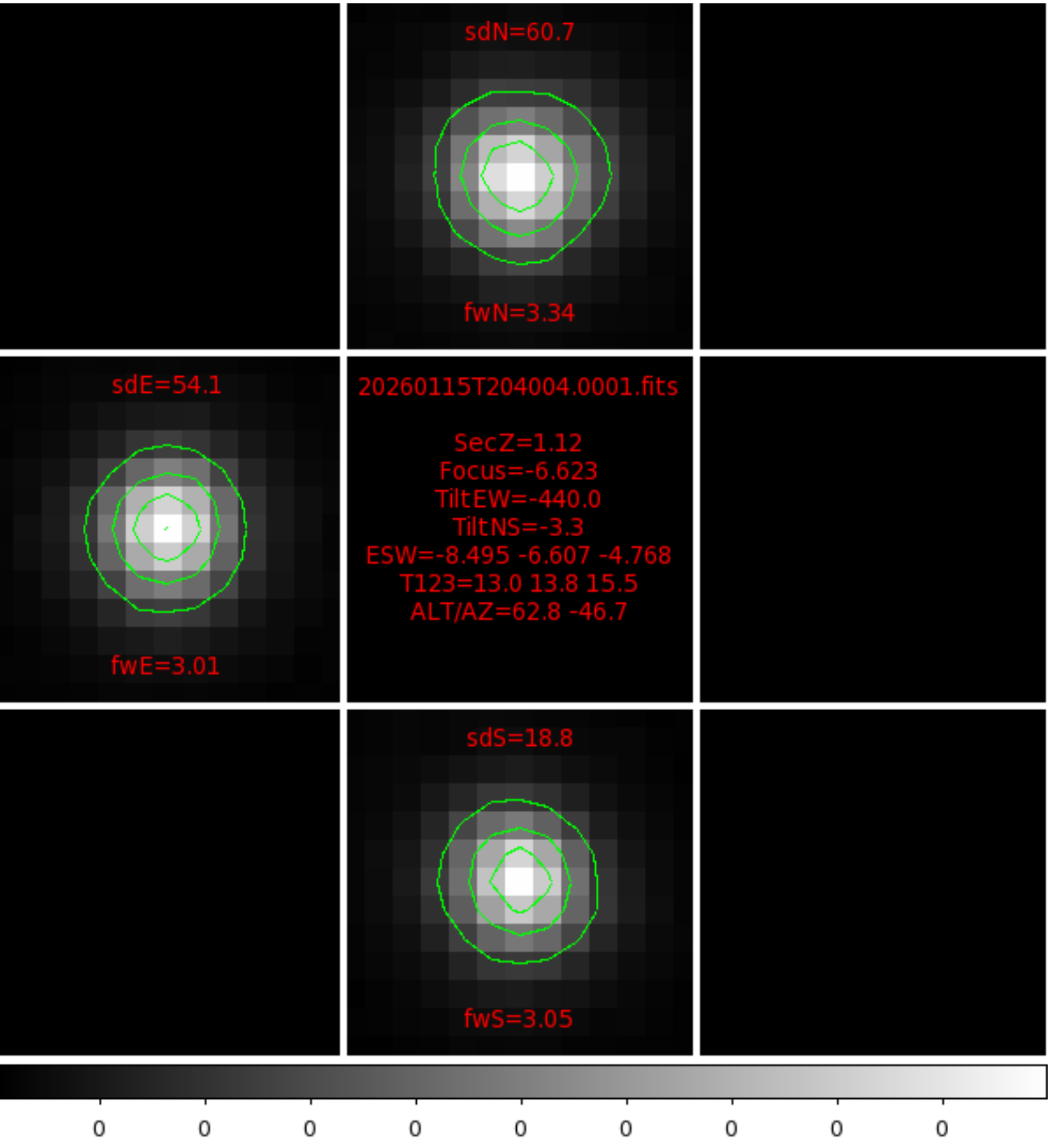
sdN=60.7
fwN=3.34
sdE=54.1
fwE=3.01
20260115T204004.0001.fits
SecZ=1.12
Focus=-6.623
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.495 -6.607 -4.768
T123=13.0 13.8 15.5
ALT/AZ=62.8 -46.7
sdS=18.8
fwS=3.05
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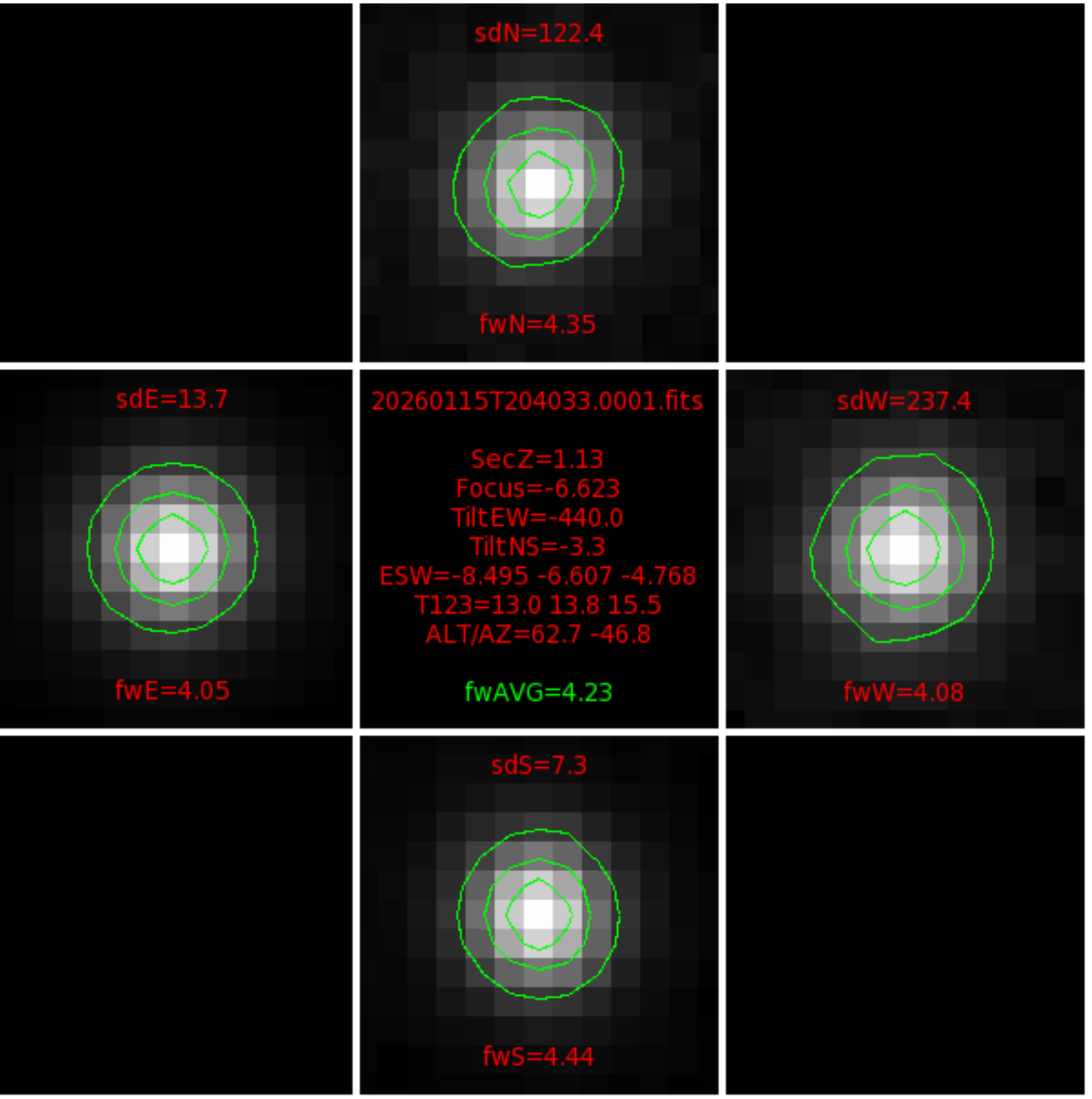
sdN=122.4
fwN=4.35
sdE=13.7
fwE=4.05
20260115T204033.0001.fits
SecZ=1.13
Focus=-6.623
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.495 -6.607 -4.768
T123=13.0 13.8 15.5
ALT/AZ=62.7 -46.8
fwAVG=4.23
sdW=237.4
fwW=4.08
sdS=7.3
fwS=4.44
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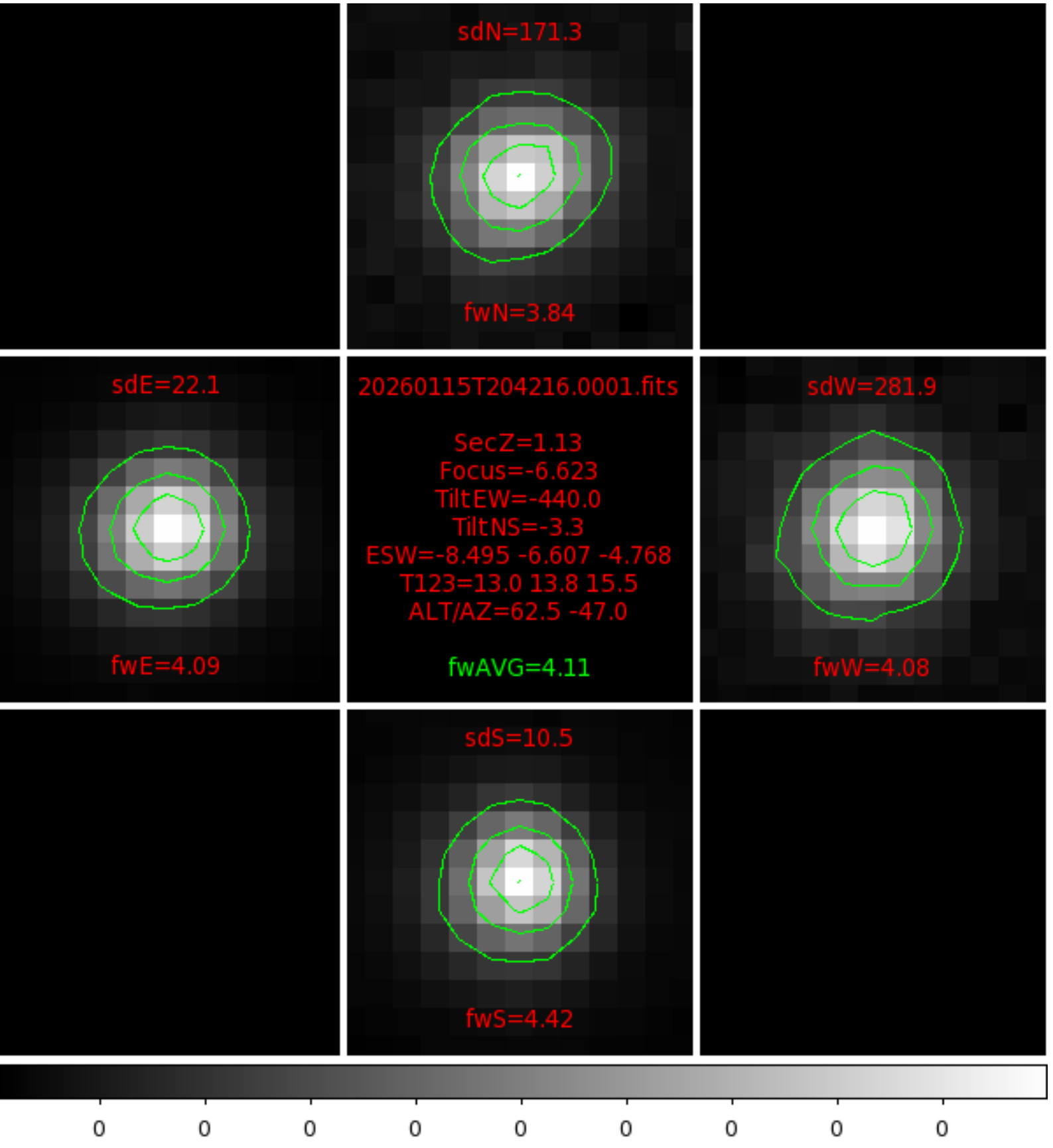
sdN=171.3
fwN=3.84
sdE=22.1
fwE=4.09
20260115T204216.0001.fits
SecZ=1.13
Focus=-6.623
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.495 -6.607 -4.768
T123=13.0 13.8 15.5
ALT/AZ=62.5 -47.0
fwAVG=4.11
sdW=281.9
fwW=4.08
sdS=10.5
fwS=4.42
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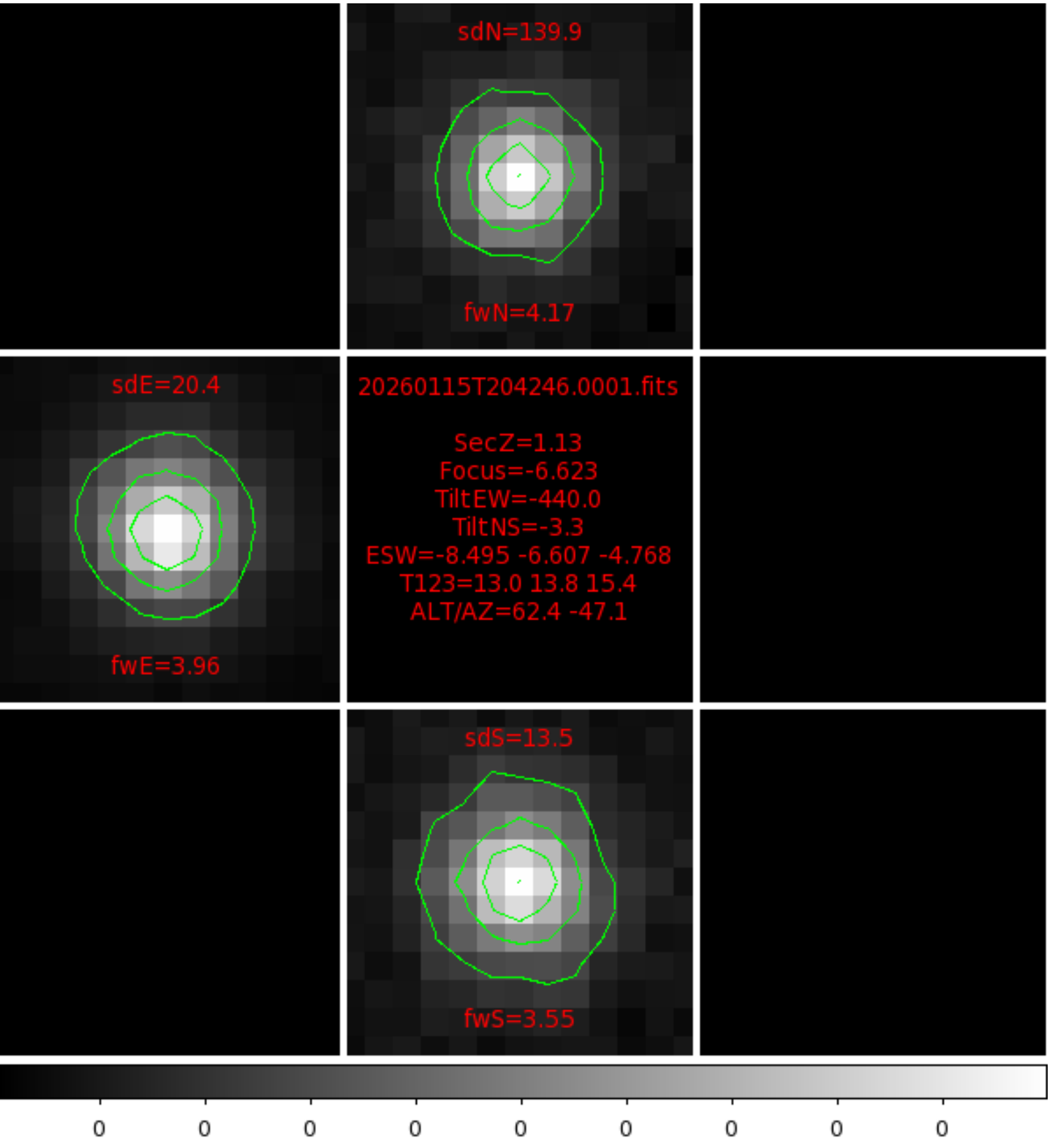
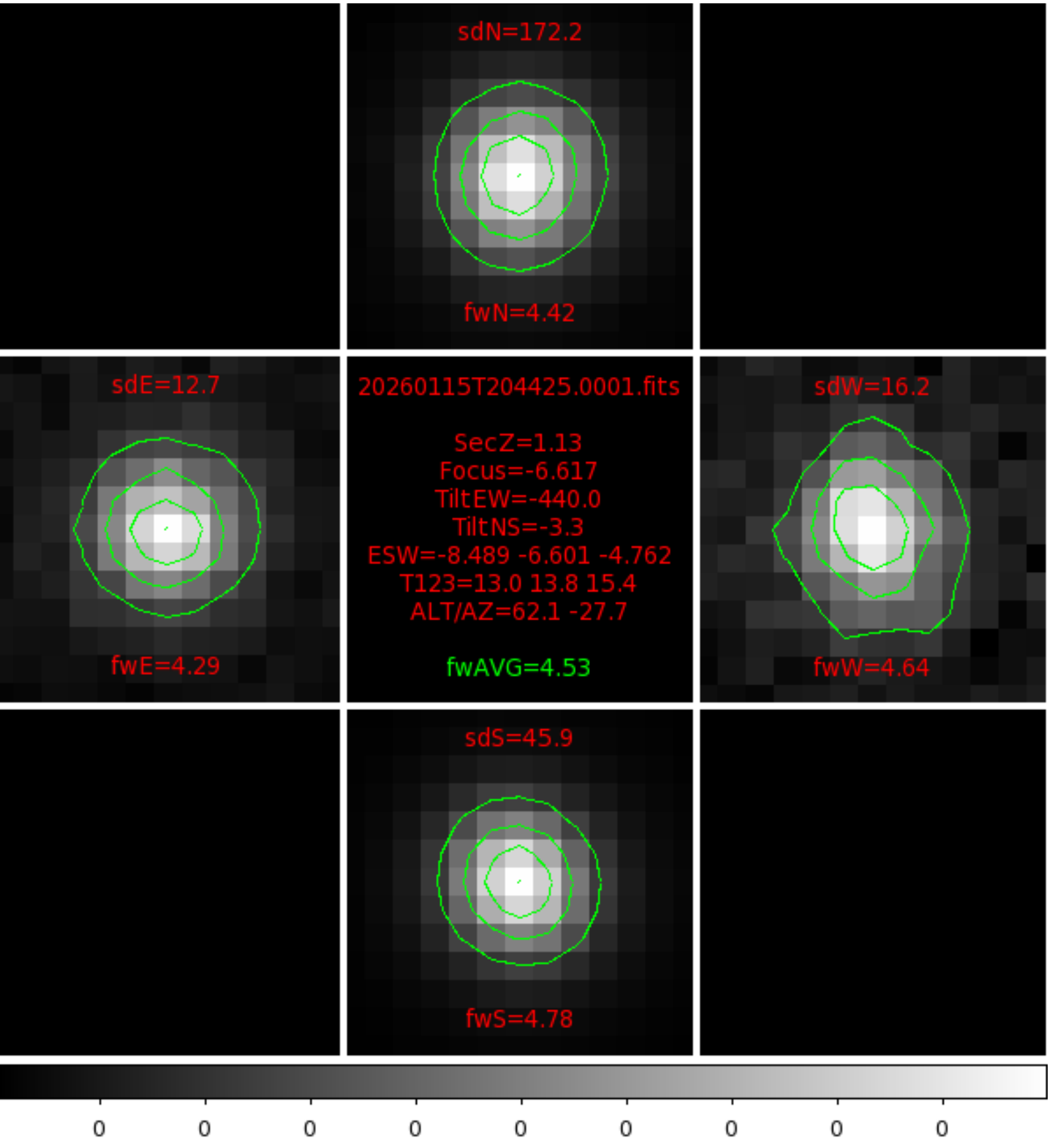

sdN=139.9
fwN=4.17
sdE=20.4
fwE=3.96
20260115T204246.0001.fits
SecZ=1.13
Focus=-6.623
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.495 -6.607 -4.768
T123=13.0 13.8 15.4
ALT/AZ=62.4 -47.1
sdS=13.5
fwS=3.55
0 0 0 0 0 0 0 0 0


sdN=172.2
fwN=4.42
sdE=12.7
fwE=4.29
20260115T204425.0001.fits
SecZ=1.13
Focus=-6.617
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.489 -6.601 -4.762
T123=13.0 13.8 15.4
ALT/AZ=62.1 -27.7
fwAVG=4.53
sdW=16.2
fwW=4.64
sdS=45.9
fwS=4.78
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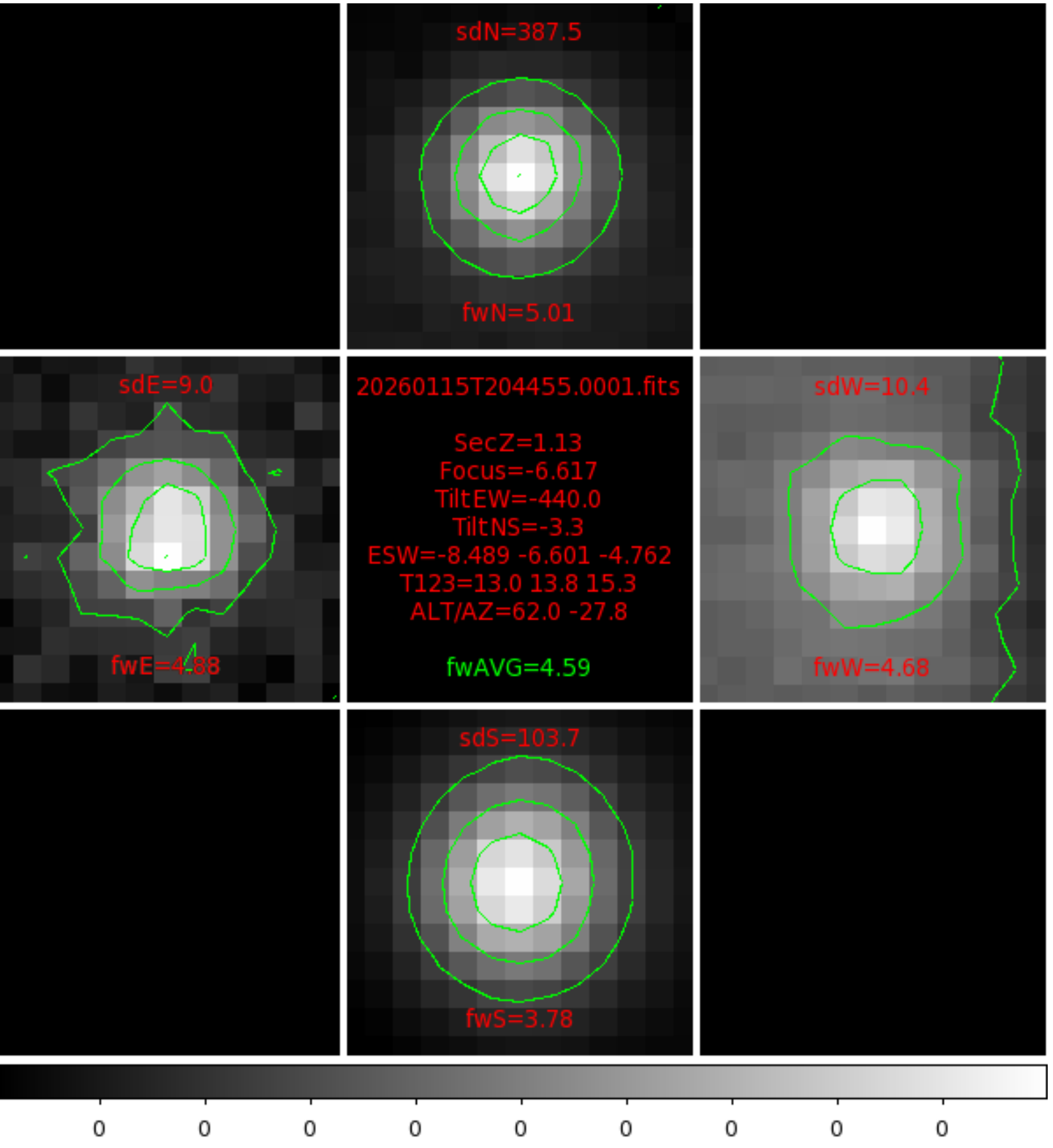
sdN=387.5
fwN=5.01
sdE=9.0
fwE=4.88
20260115T204455.0001.fits
SecZ=1.13
Focus=-6.617
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.489 -6.601 -4.762
T123=13.0 13.8 15.3
ALT/AZ=62.0 -27.8
fwAVG=4.59
sdW=10.4
fwW=4.68
sdS=103.7
fwS=3.78
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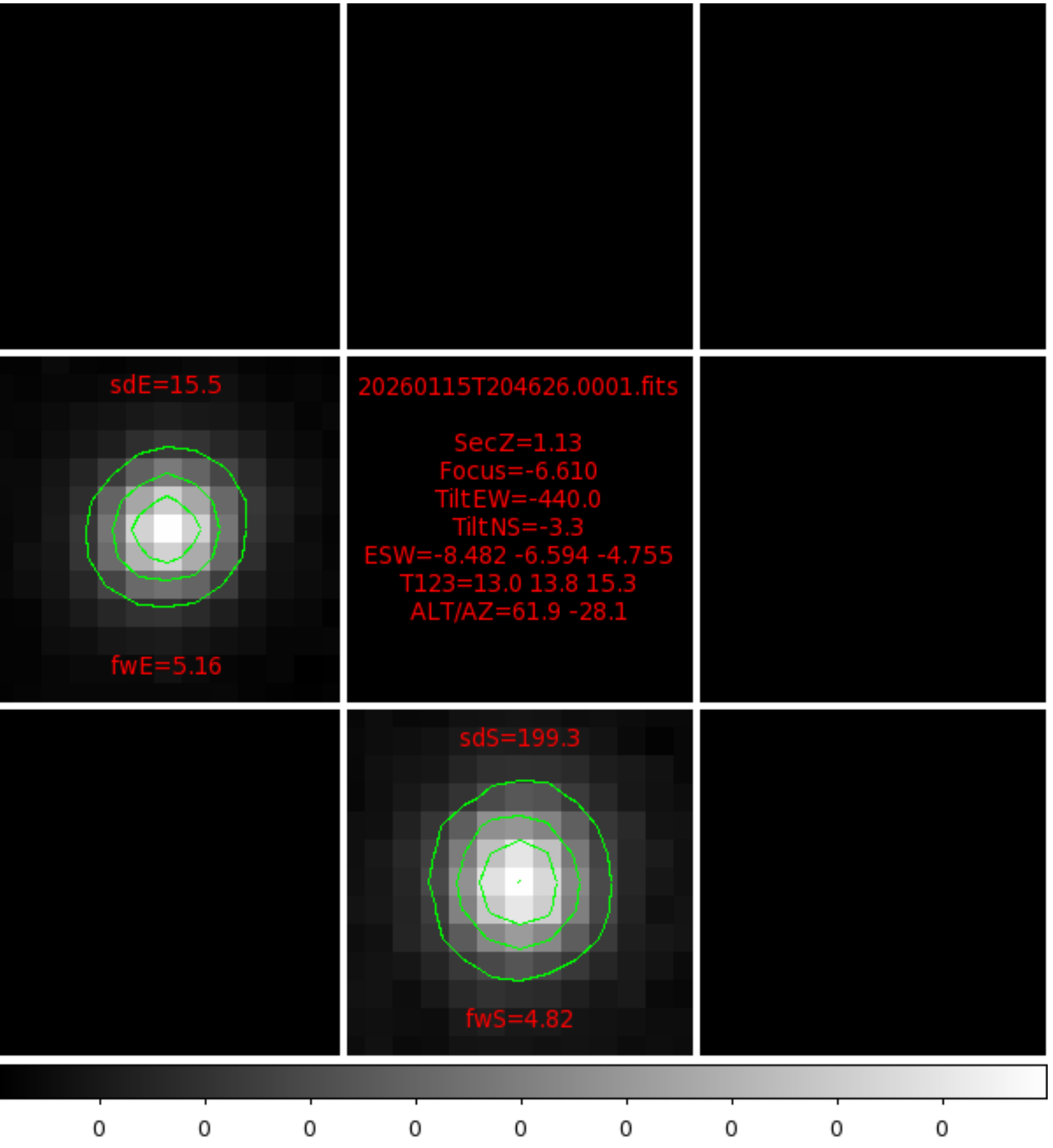
sdE=15.5
20260115T204626.0001.fits
SecZ=1.13
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=13.0 13.8 15.3
ALT/AZ=61.9 -28.1
fwE=5.16
sdS=199.3
fwS=4.82
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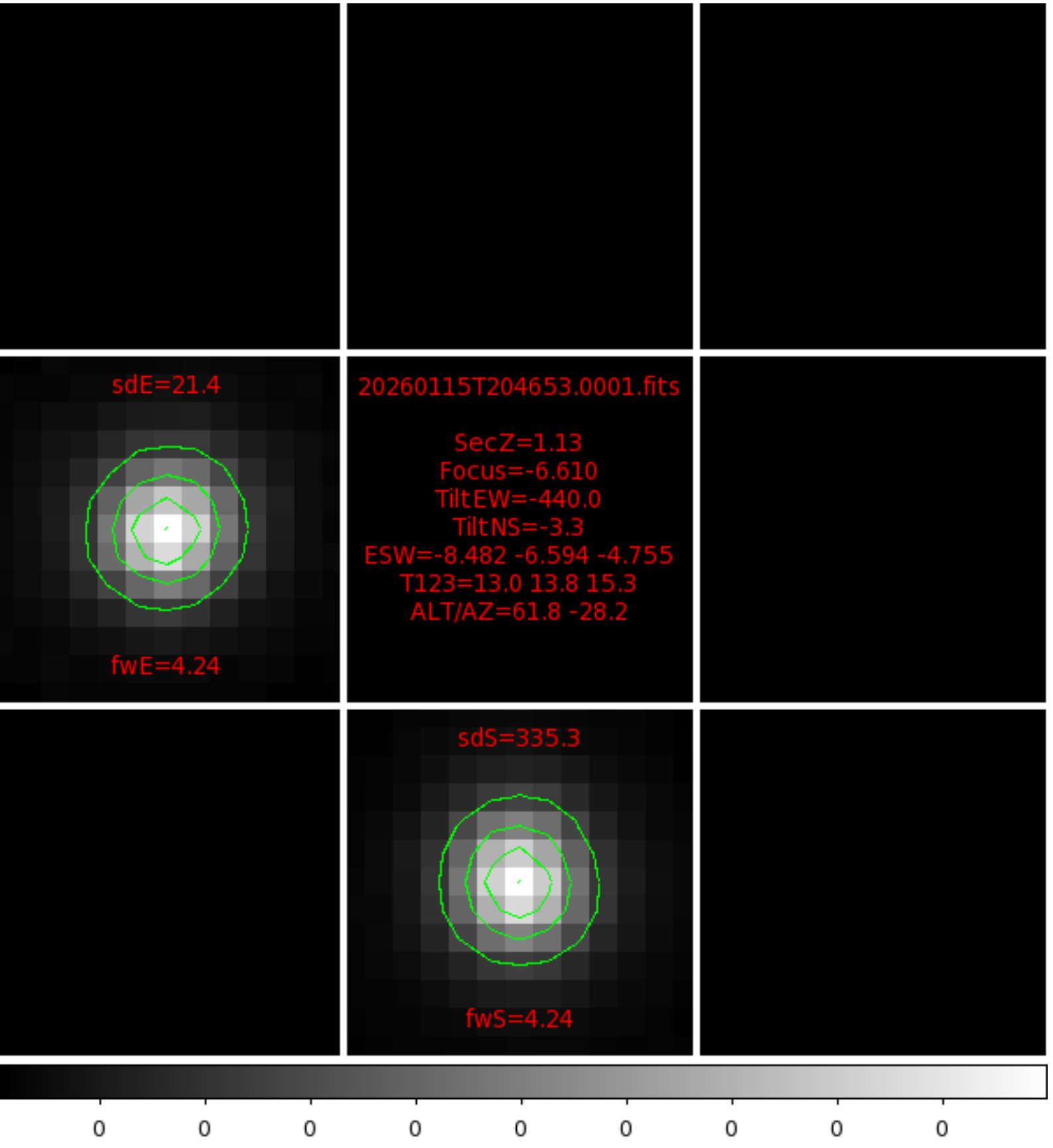
sdE=21.4
20260115T204653.0001.fits
SecZ=1.13
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=13.0 13.8 15.3
ALT/AZ=61.8 -28.2
fwE=4.24
sdS=335.3
fwS=4.24
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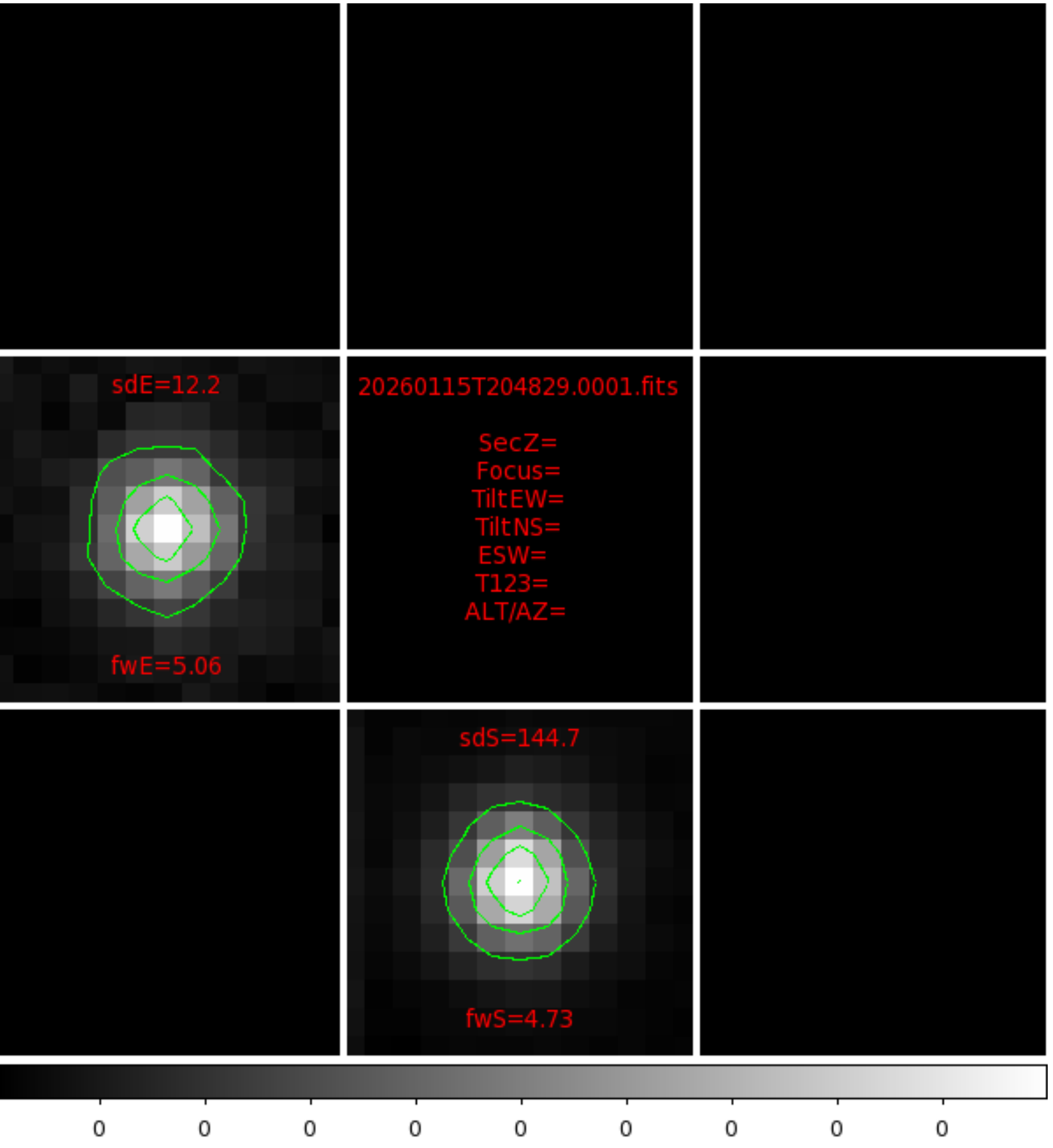
sdE=12.2
20260115T204829.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=5.06
sdS=144.7
fwS=4.73
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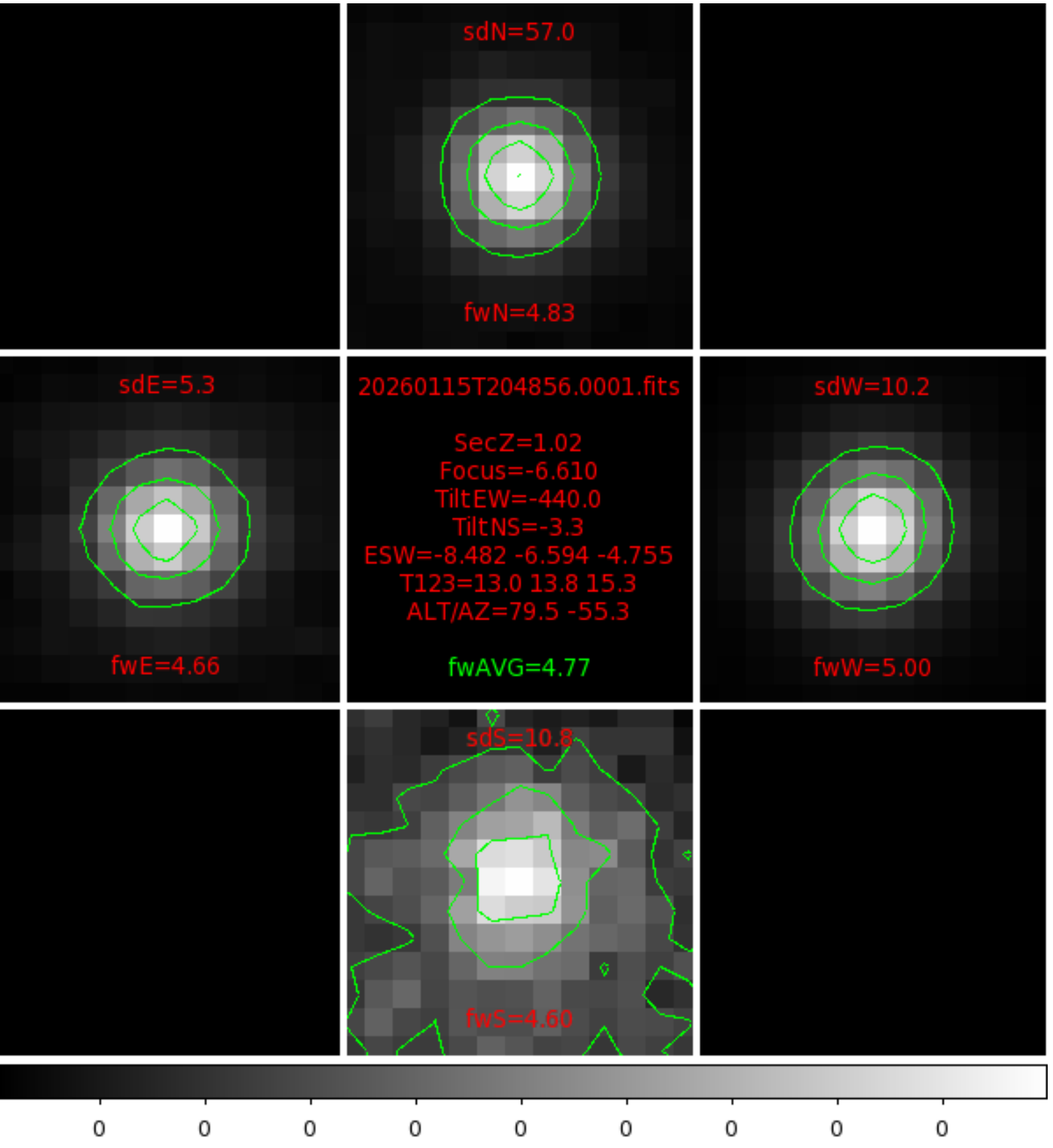
sdN=57.0
fwN=4.83
sdE=5.3
fwE=4.66
20260115T204856.0001.fits
SecZ=1.02
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=13.0 13.8 15.3
ALT/AZ=79.5 -55.3
fwAVG=4.77
sdW=10.2
fwW=5.00
sdS=10.8
fwS=4.60
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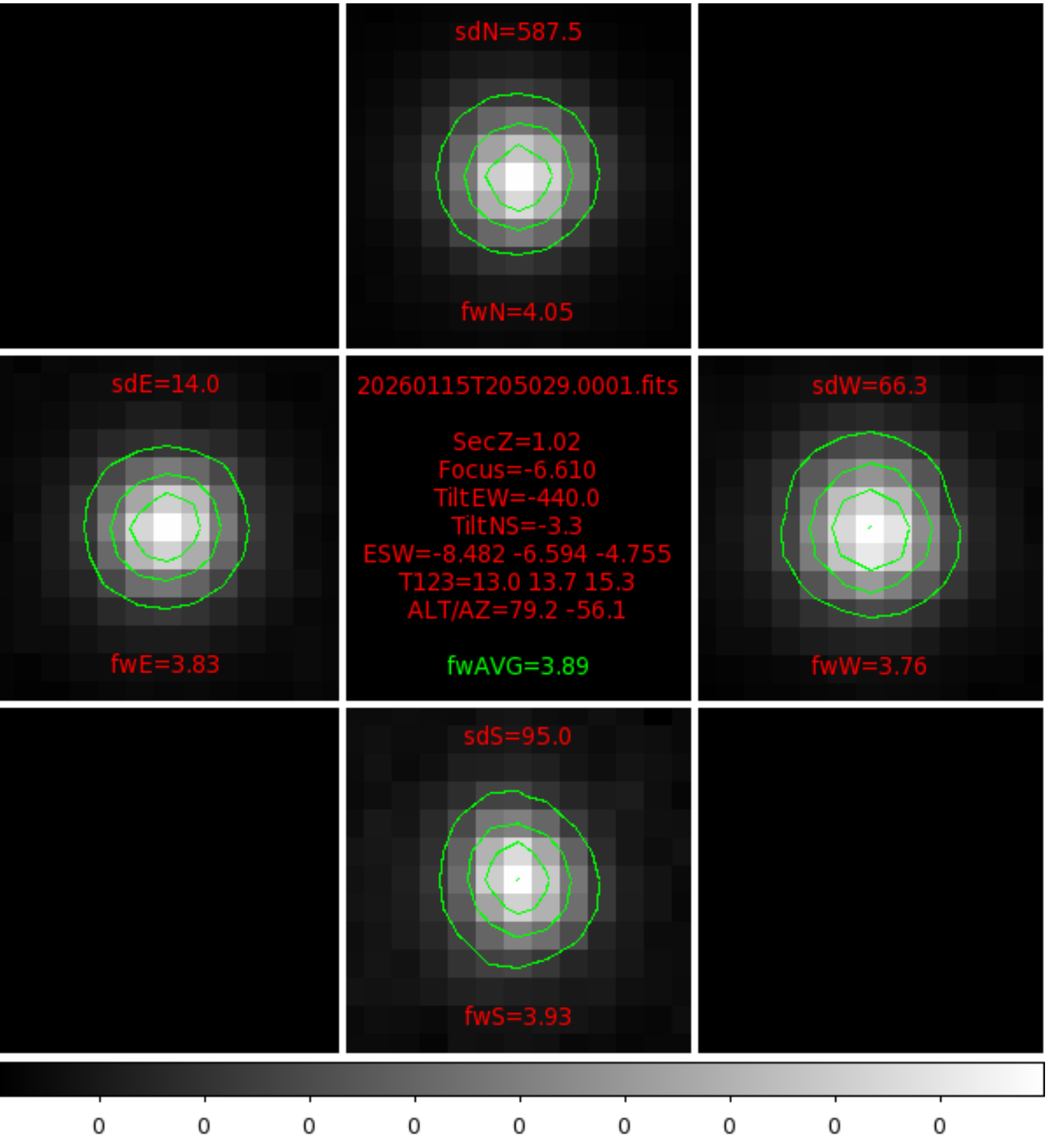
sdN=587.5
fwN=4.05
sdE=14.0
fwE=3.83
20260115T205029.0001.fits
SecZ=1.02
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=13.0 13.7 15.3
ALT/AZ=79.2 -56.1
fwAVG=3.89
sdW=66.3
fwW=3.76
sdS=95.0
fwS=3.93
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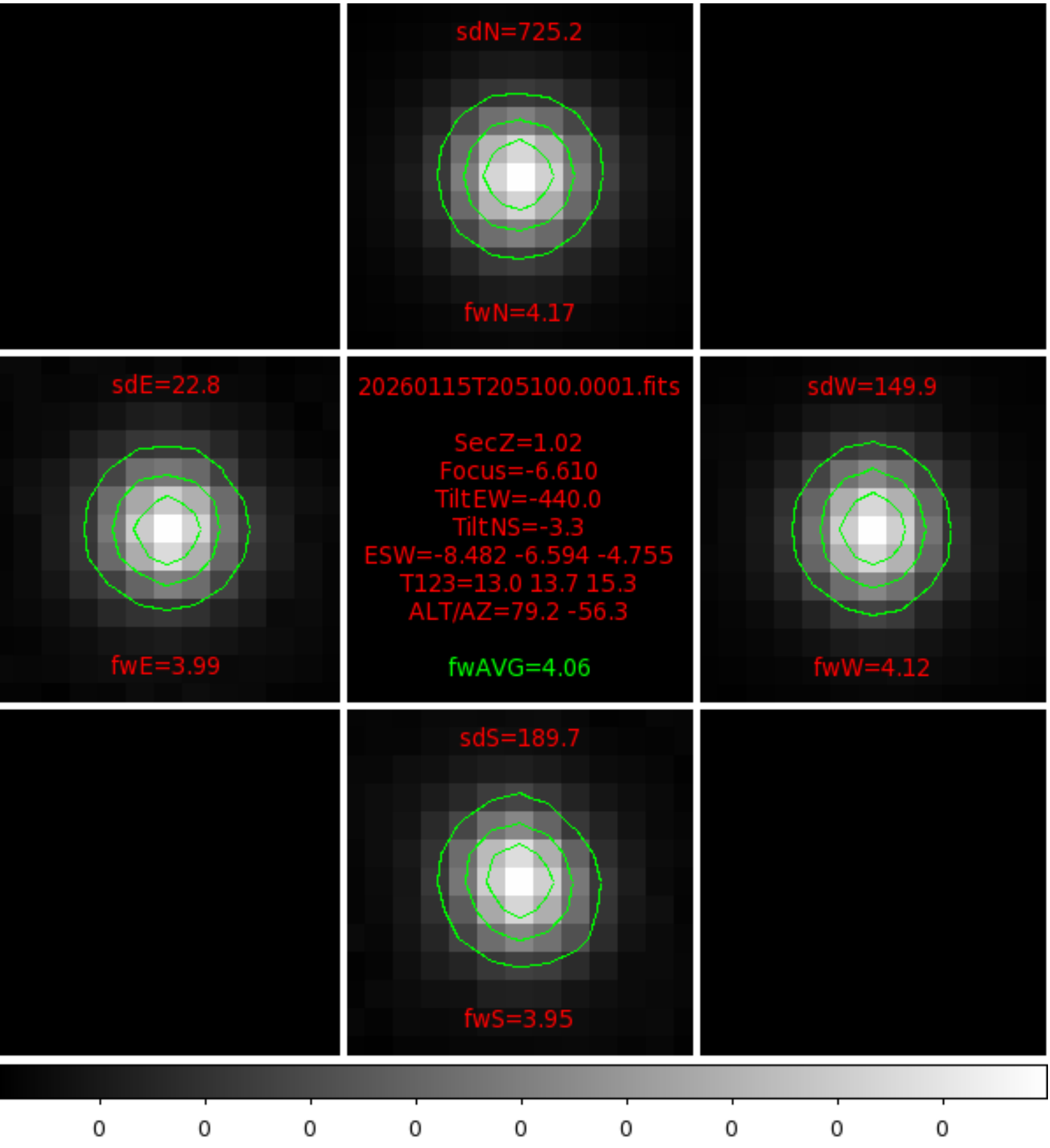
sdN=725.2
fwN=4.17
sdE=22.8
fwE=3.99
20260115T205100.0001.fits
SecZ=1.02
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=13.0 13.7 15.3
ALT/AZ=79.2 -56.3
fwAVG=4.06
sdW=149.9
fwW=4.12
sdS=189.7
fwS=3.95
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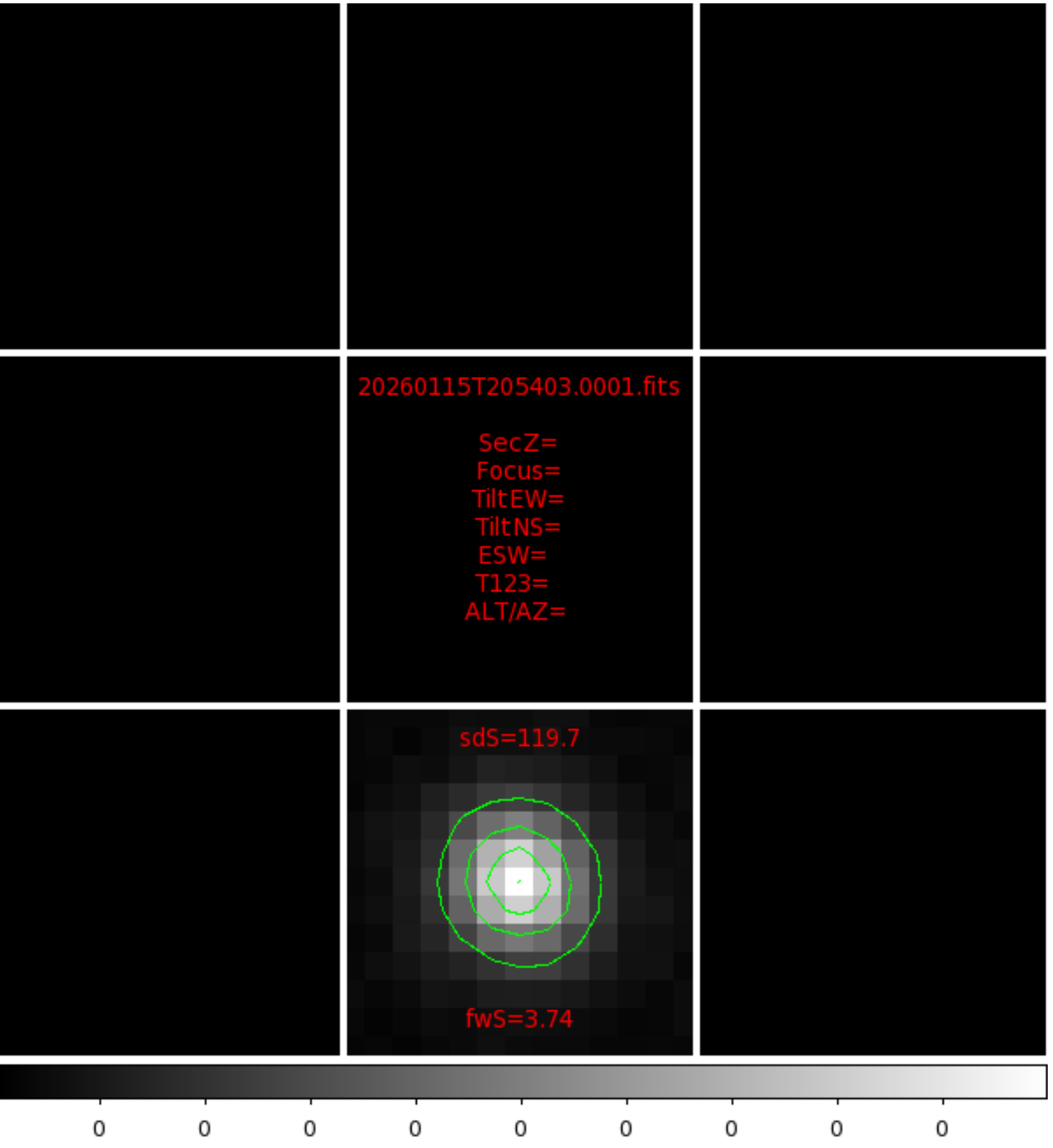
20260115T205403.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=119.7
fwS=3.74
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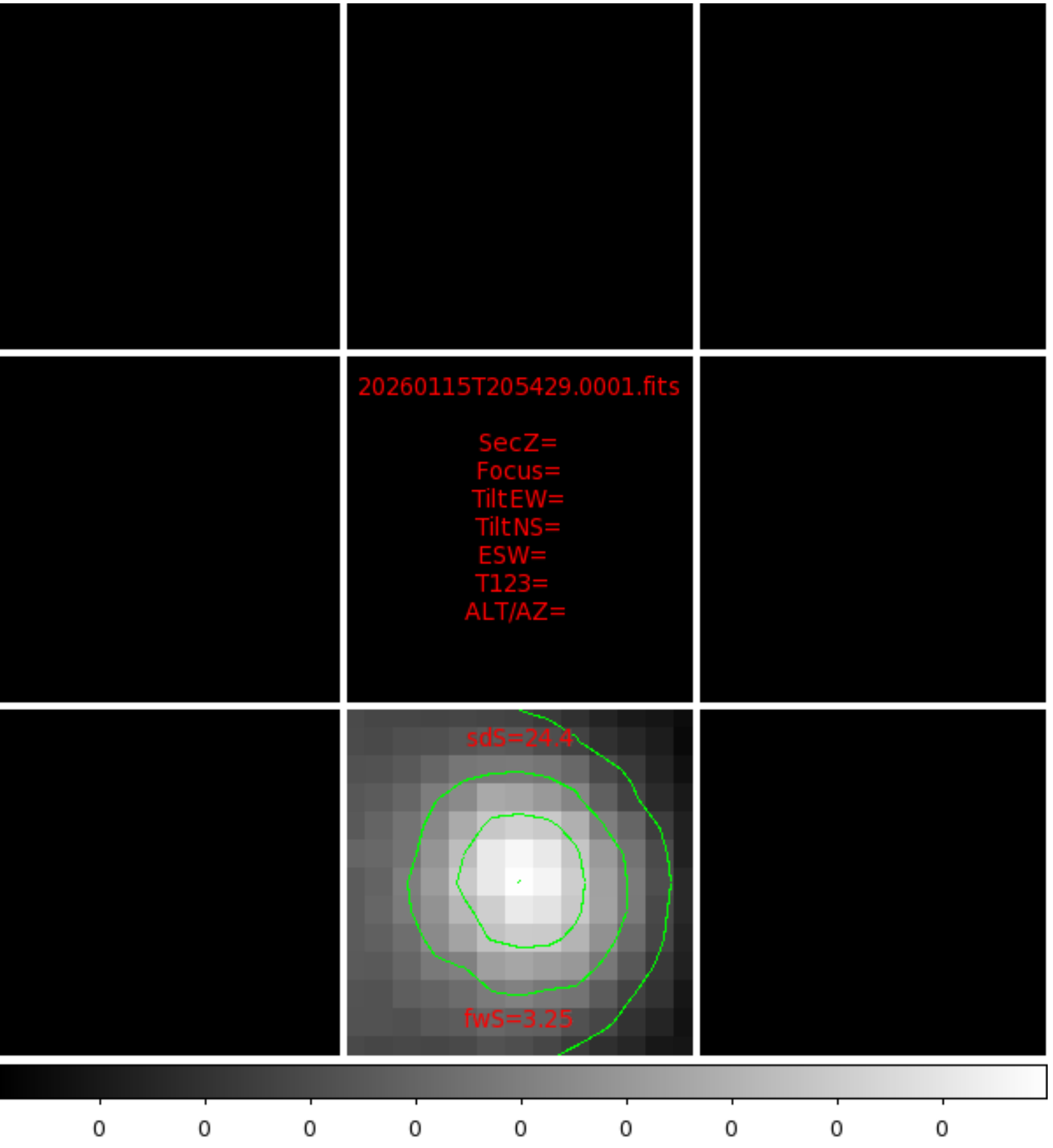
20260115T205429.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=24.4
fwS=3.25
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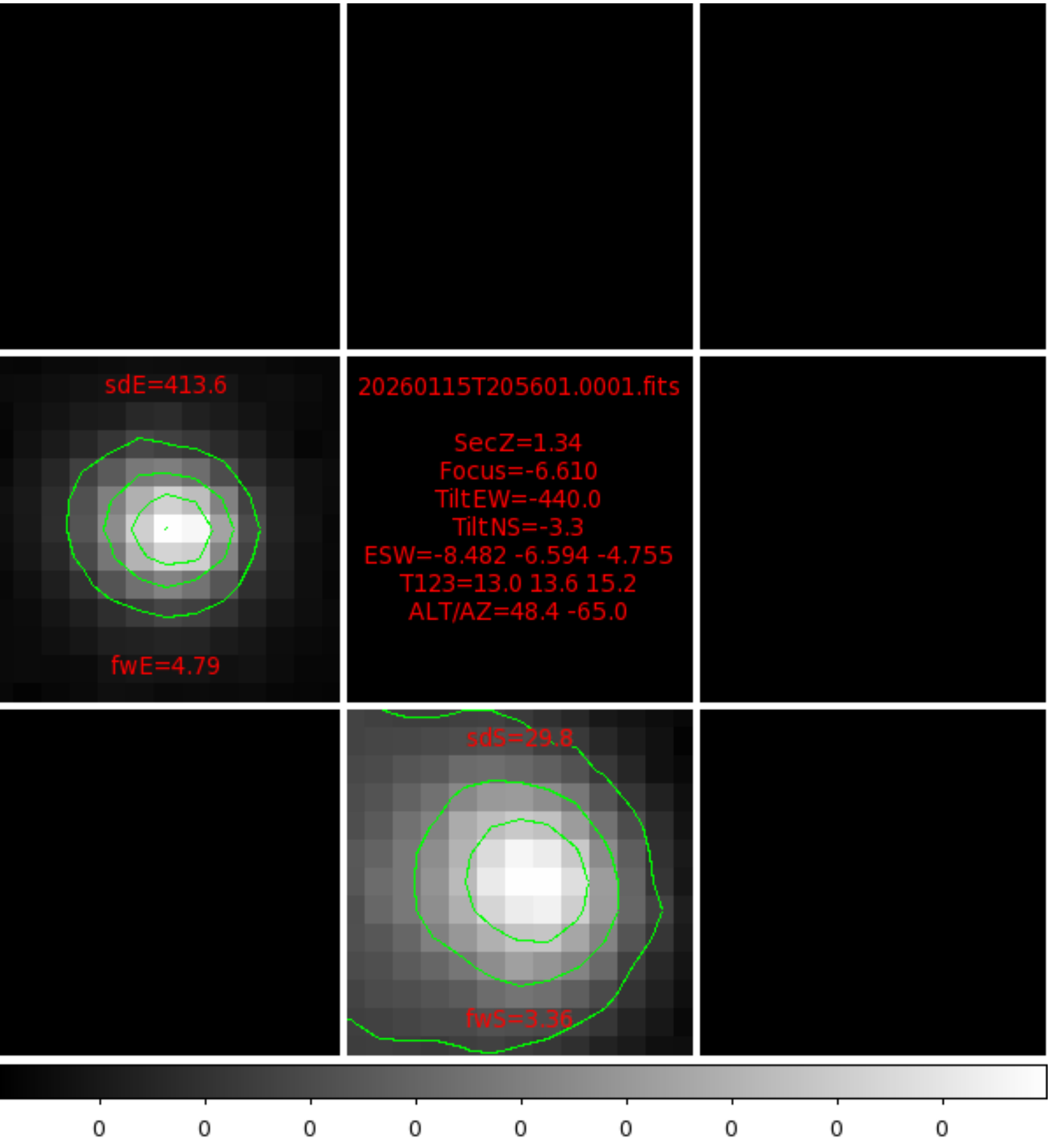
sdE=413.6
20260115T205601.0001.fits
SecZ=1.34
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=13.0 13.6 15.2
ALT/AZ=48.4 -65.0
fwE=4.79
sdS=29.8
fwS=3.36
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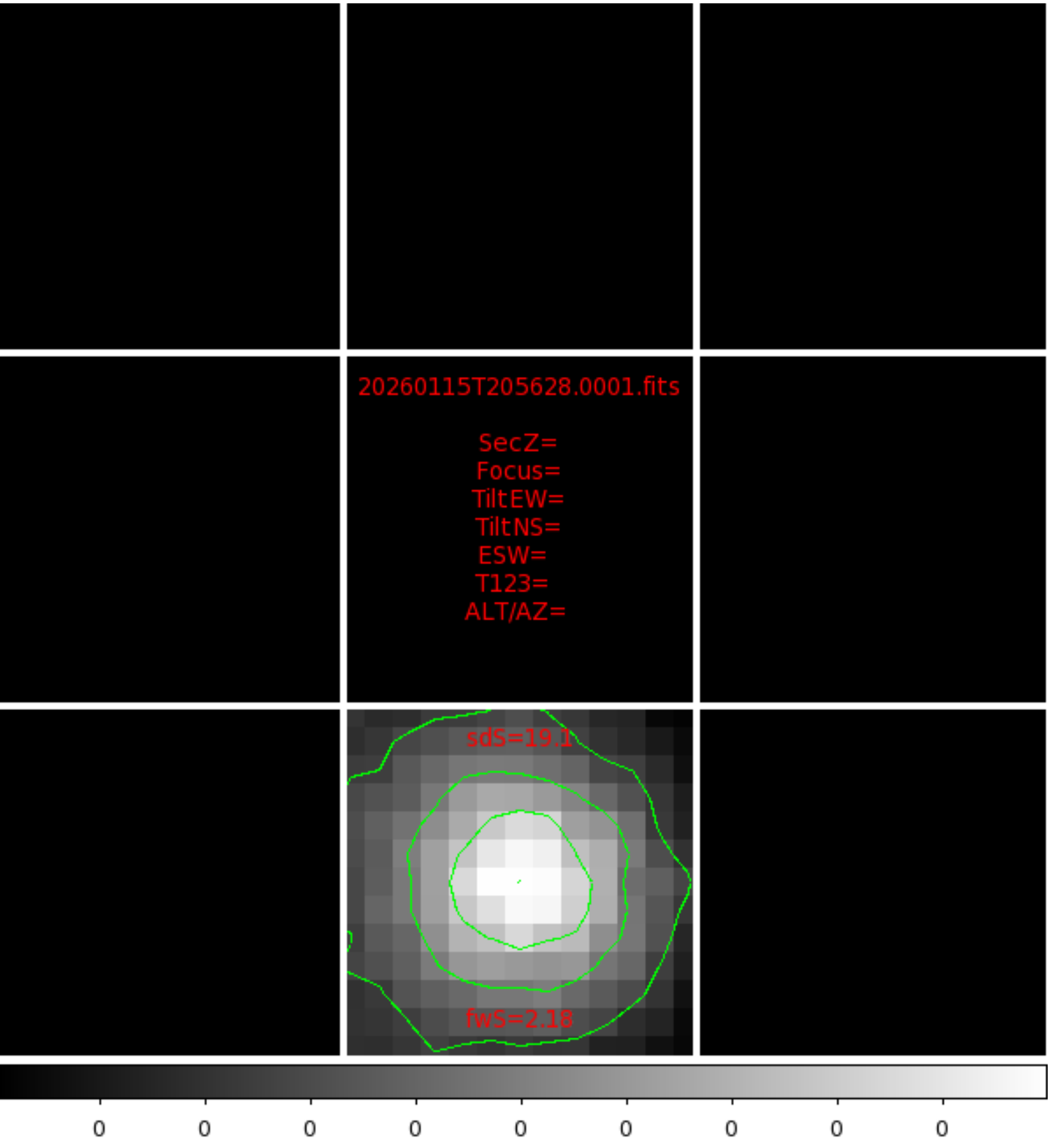
20260115T205628.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
sdS=19.1
fwS=2.18
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0
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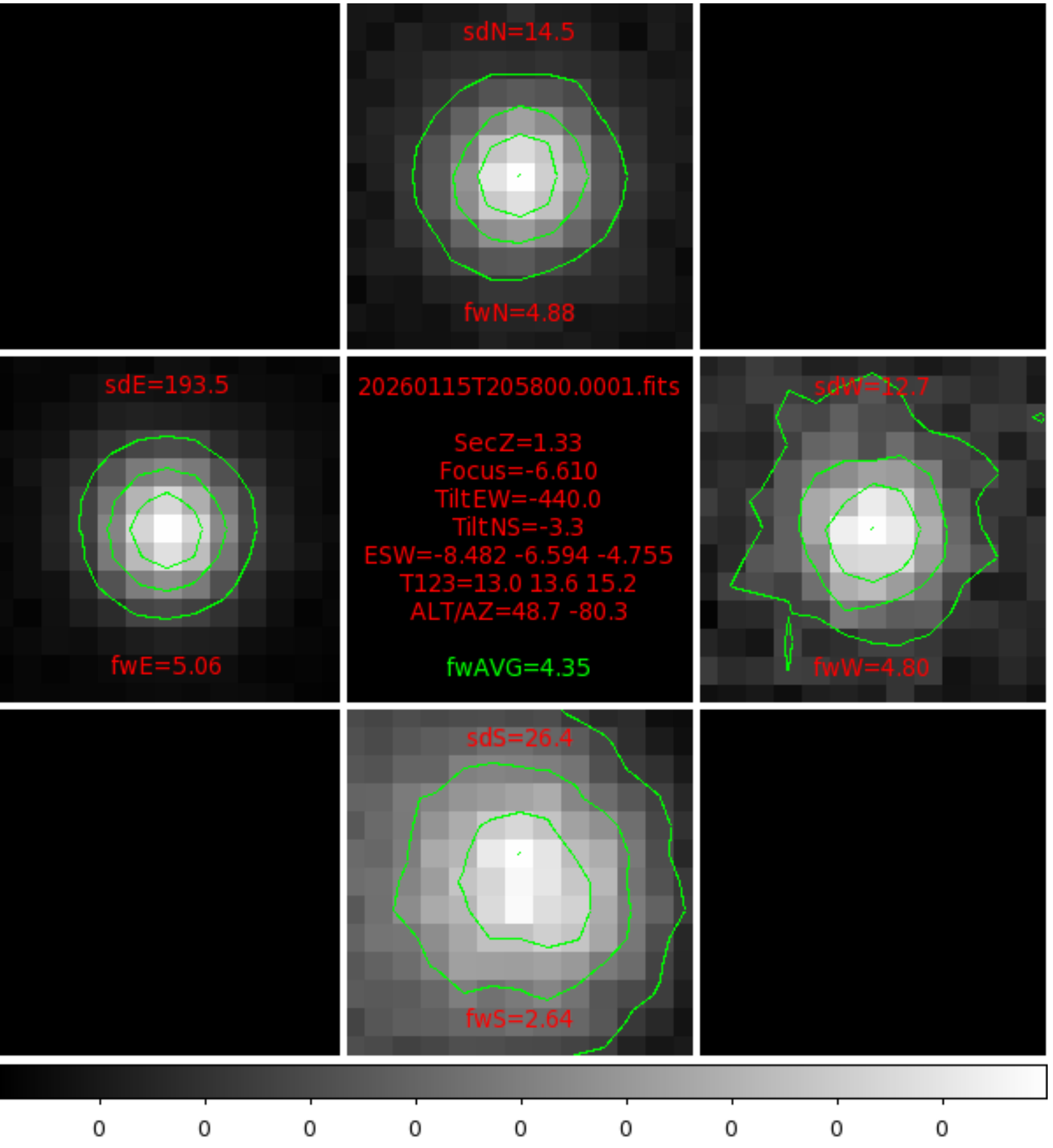
sdN=14.5
fwN=4.88
sdE=193.5
fwE=5.06
20260115T205800.0001.fits
SecZ=1.33
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=13.0 13.6 15.2
ALT/AZ=48.7 -80.3
fwAVG=4.35
sdW=12.7
fwW=4.80
sdS=26.4
fwS=2.64
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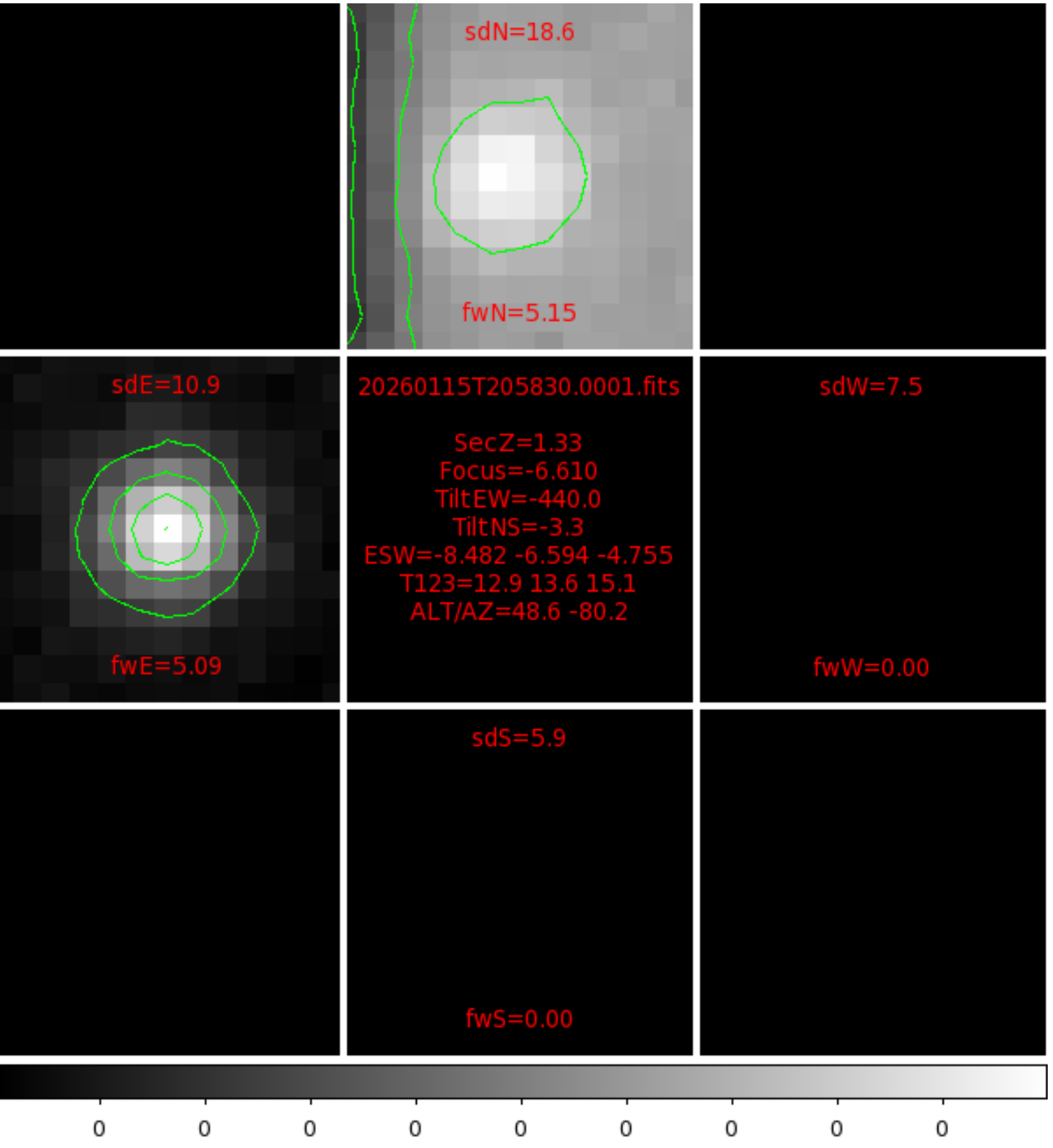
sdN=18.6
fwN=5.15
sdE=10.9
fwE=5.09
20260115T205830.0001.fits
SecZ=1.33
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.9 13.6 15.1
ALT/AZ=48.6 -80.2
sdW=7.5
fwW=0.00
sdS=5.9
fwS=0.00
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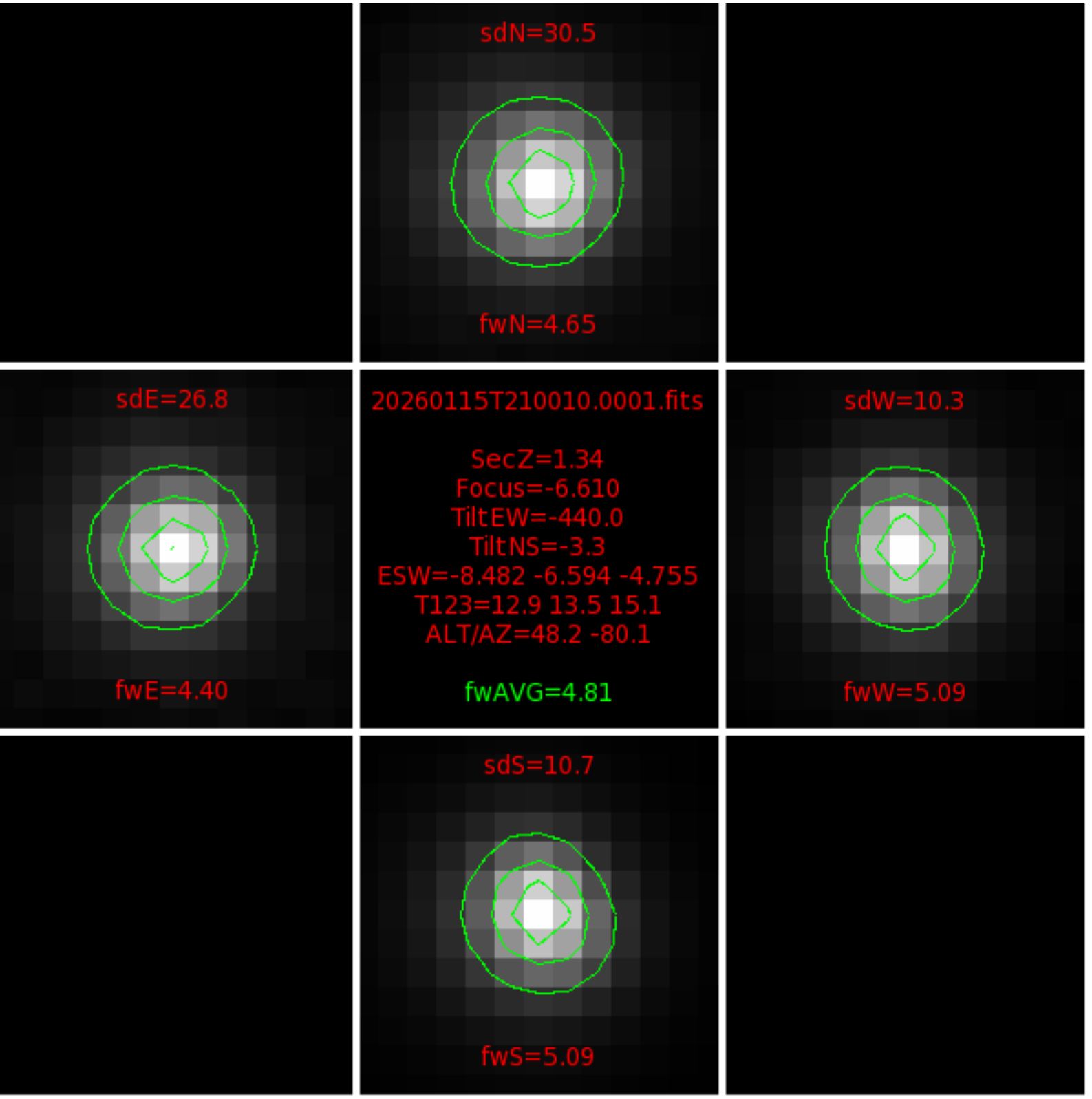
sdN=30.5
fwN=4.65
sdE=26.8
fwE=4.40
20260115T210010.0001.fits
SecZ=1.34
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.9 13.5 15.1
ALT/AZ=48.2 -80.1
fwAVG=4.81
sdW=10.3
fwW=5.09
sdS=10.7
fwS=5.09
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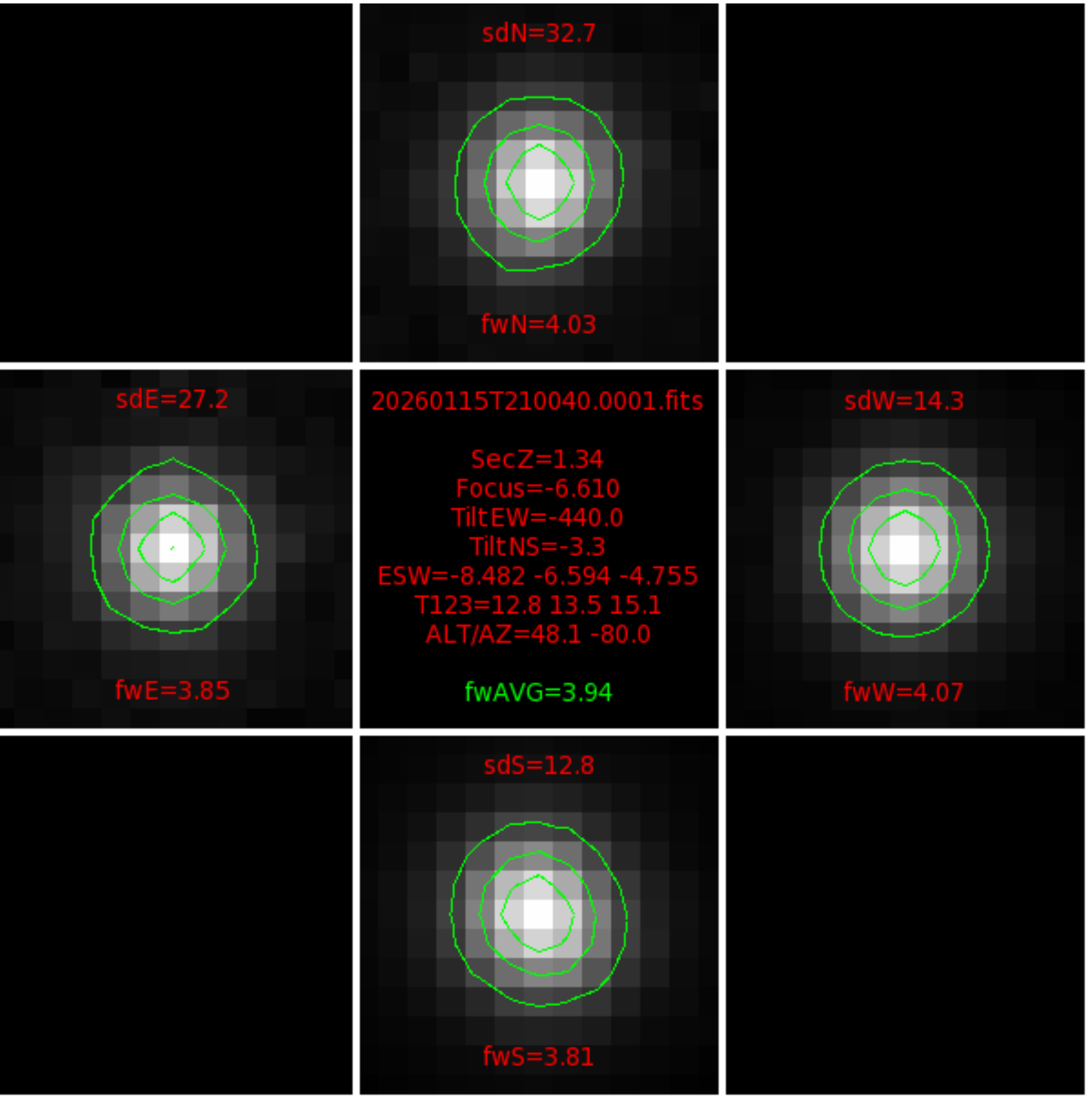
sdN=32.7
fwN=4.03
sdE=27.2
fwE=3.85
20260115T210040.0001.fits
SecZ=1.34
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.5 15.1
ALT/AZ=48.1 -80.0
fwAVG=3.94
sdW=14.3
fwW=4.07
sdS=12.8
fwS=3.81
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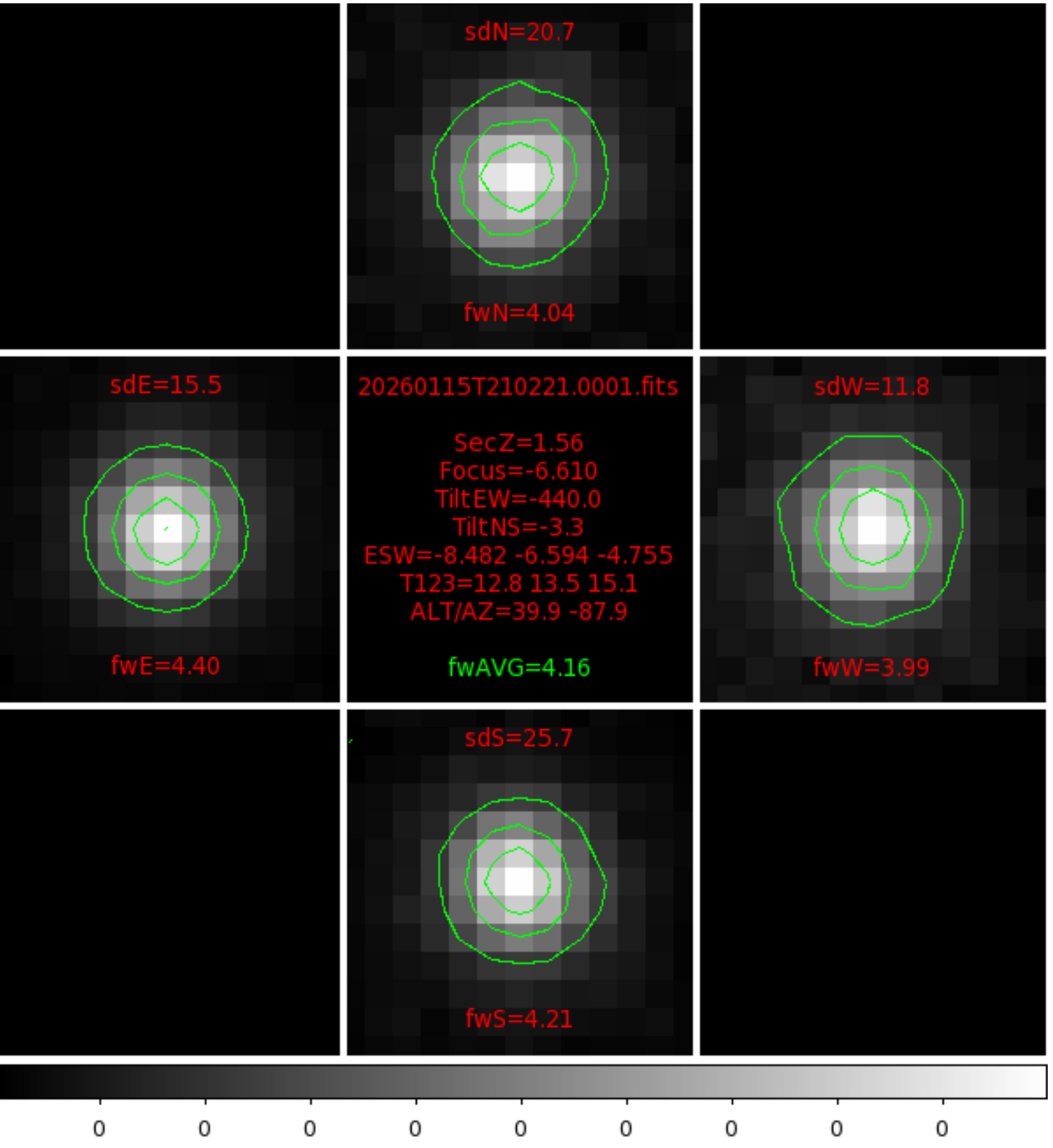
sdN=20.7
fwN=4.04
sdE=15.5
fwE=4.40
20260115T210221.0001.fits
SecZ=1.56
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.5 15.1
ALT/AZ=39.9 -87.9
fwAVG=4.16
sdW=11.8
fwW=3.99
sdS=25.7
fwS=4.21
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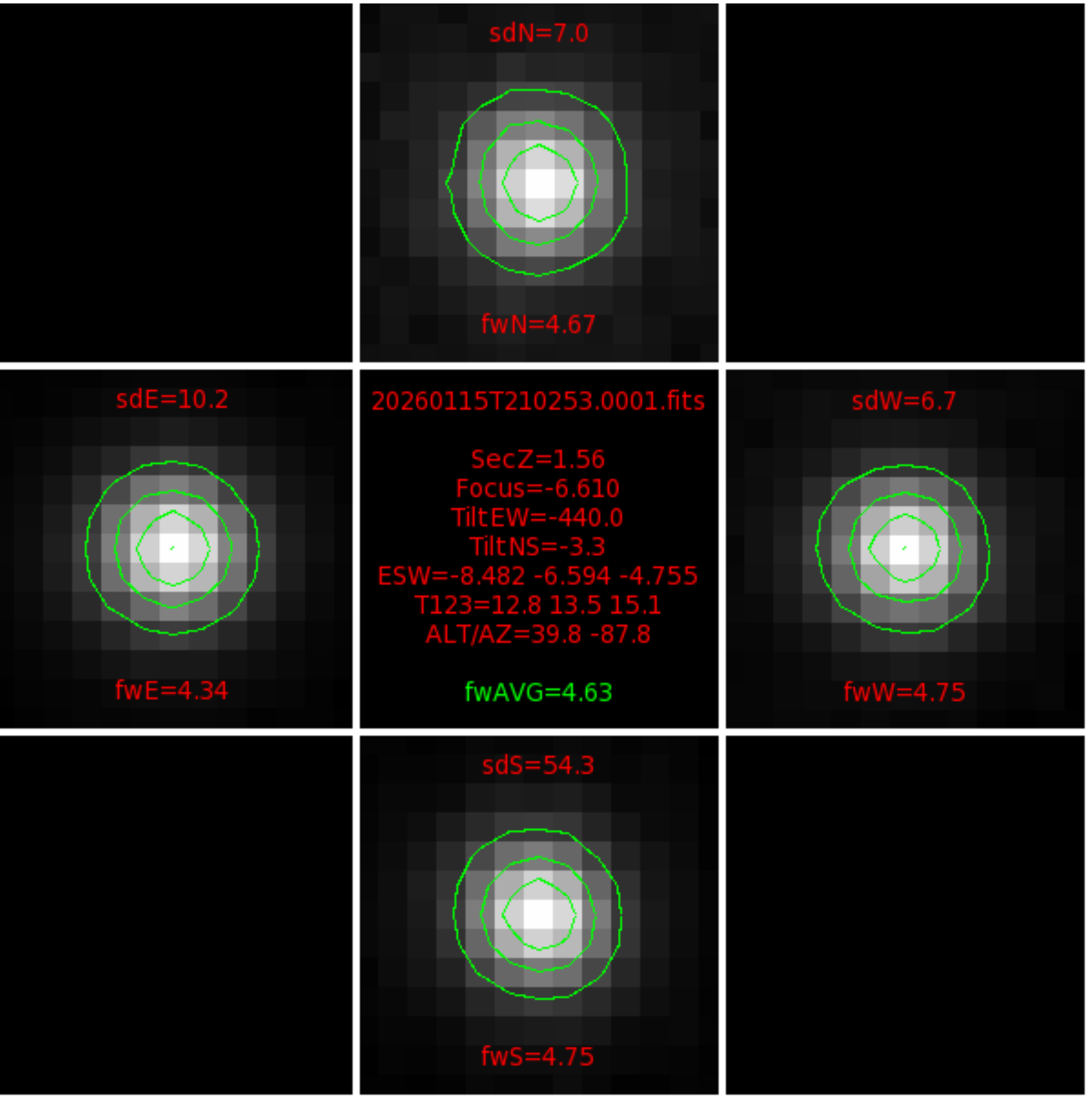
sdN=7.0
fwN=4.67
sdE=10.2
fwE=4.34
20260115T210253.0001.fits
SecZ=1.56
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.5 15.1
ALT/AZ=39.8 -87.8
fwAVG=4.63
sdW=6.7
fwW=4.75
sdS=54.3
fwS=4.75
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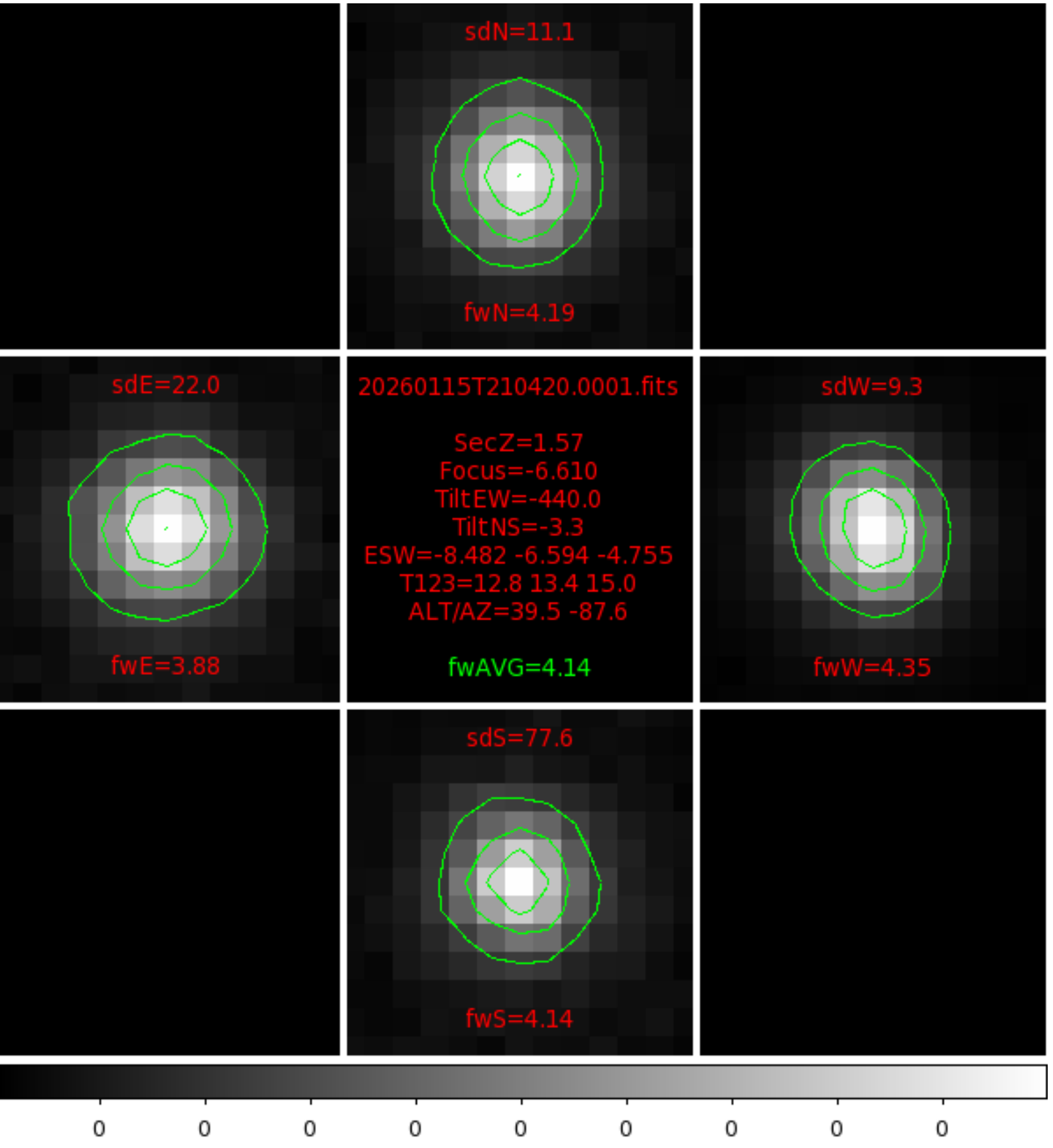
sdN=11.1
fwN=4.19
sdE=22.0
fwE=3.88
20260115T210420.0001.fits
SecZ=1.57
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.4 15.0
ALT/AZ=39.5 -87.6
fwAVG=4.14
sdW=9.3
fwW=4.35
sdS=77.6
fwS=4.14
0 0 0 0 0 0 0 0 0

20260115T210450.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
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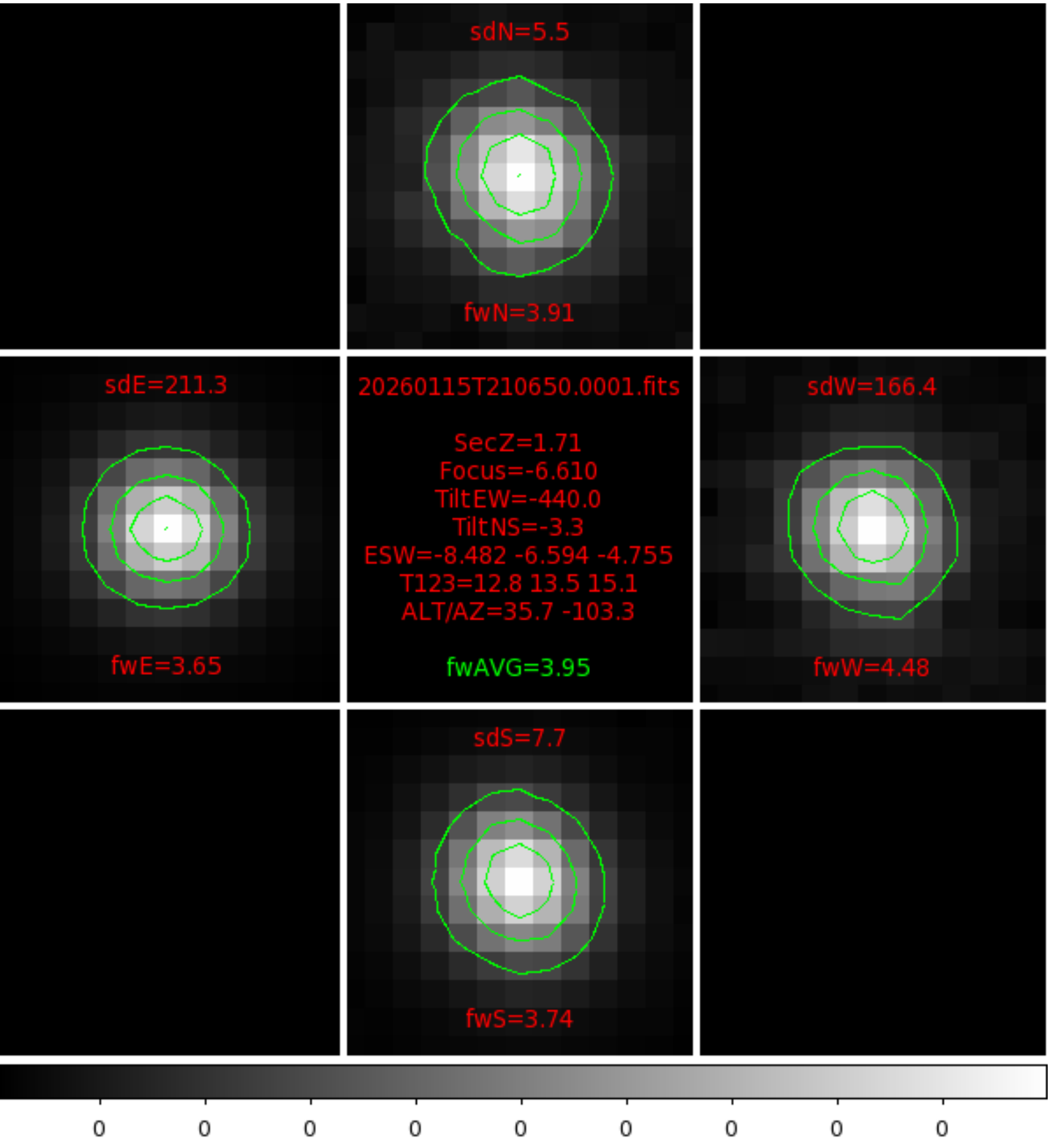
sdN=5.5
fwN=3.91
sdE=211.3
fwE=3.65
20260115T210650.0001.fits
SecZ=1.71
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.5 15.1
ALT/AZ=35.7 -103.3
fwAVG=3.95
sdW=166.4
fwW=4.48
sdS=7.7
fwS=3.74
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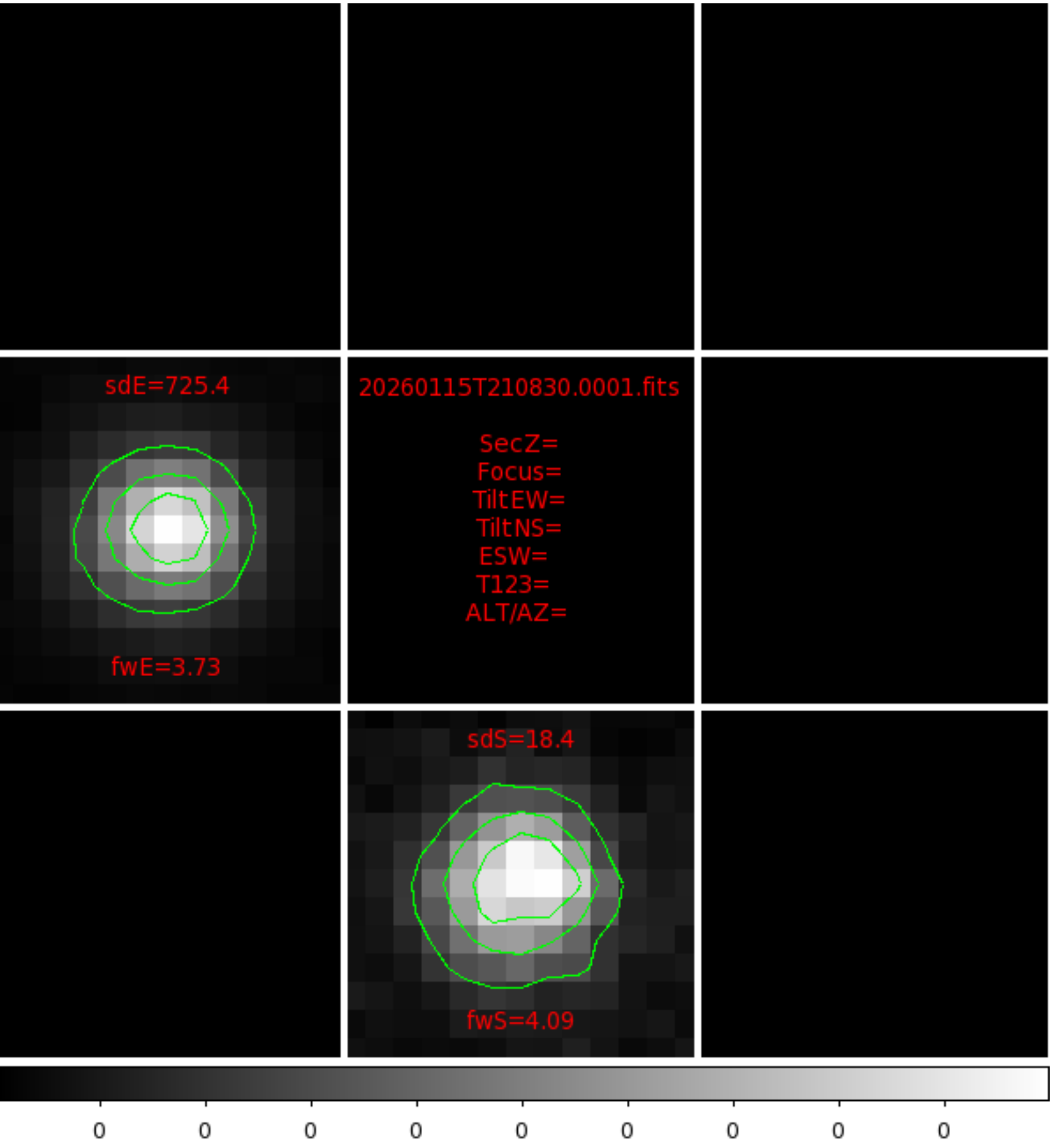
sdE=725.4
20260115T210830.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=3.73
sdS=18.4
fwS=4.09
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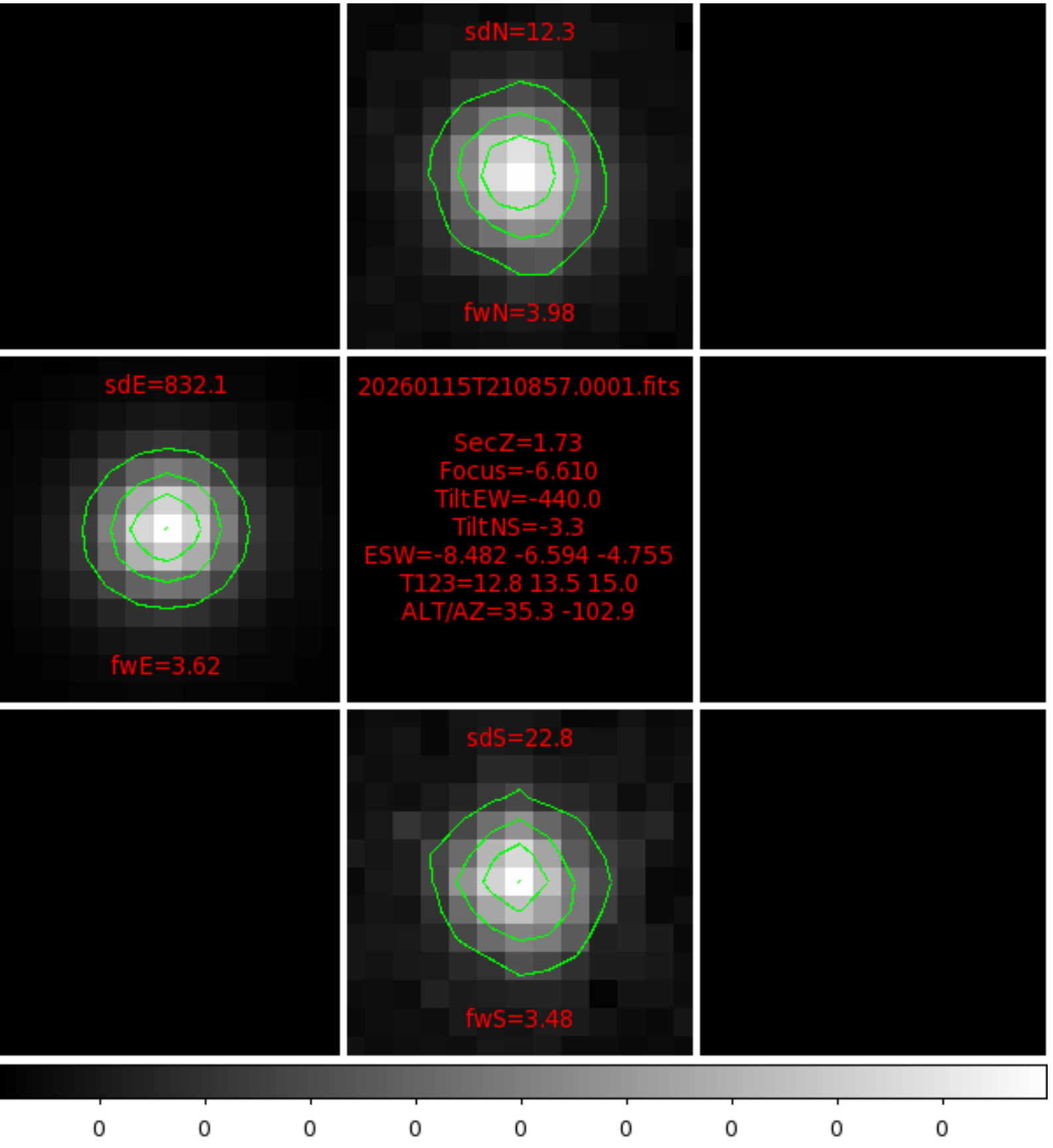
sdN=12.3
fwN=3.98
sdE=832.1
fwE=3.62
20260115T210857.0001.fits
SecZ=1.73
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.5 15.0
ALT/AZ=35.3 -102.9
sdS=22.8
fwS=3.48
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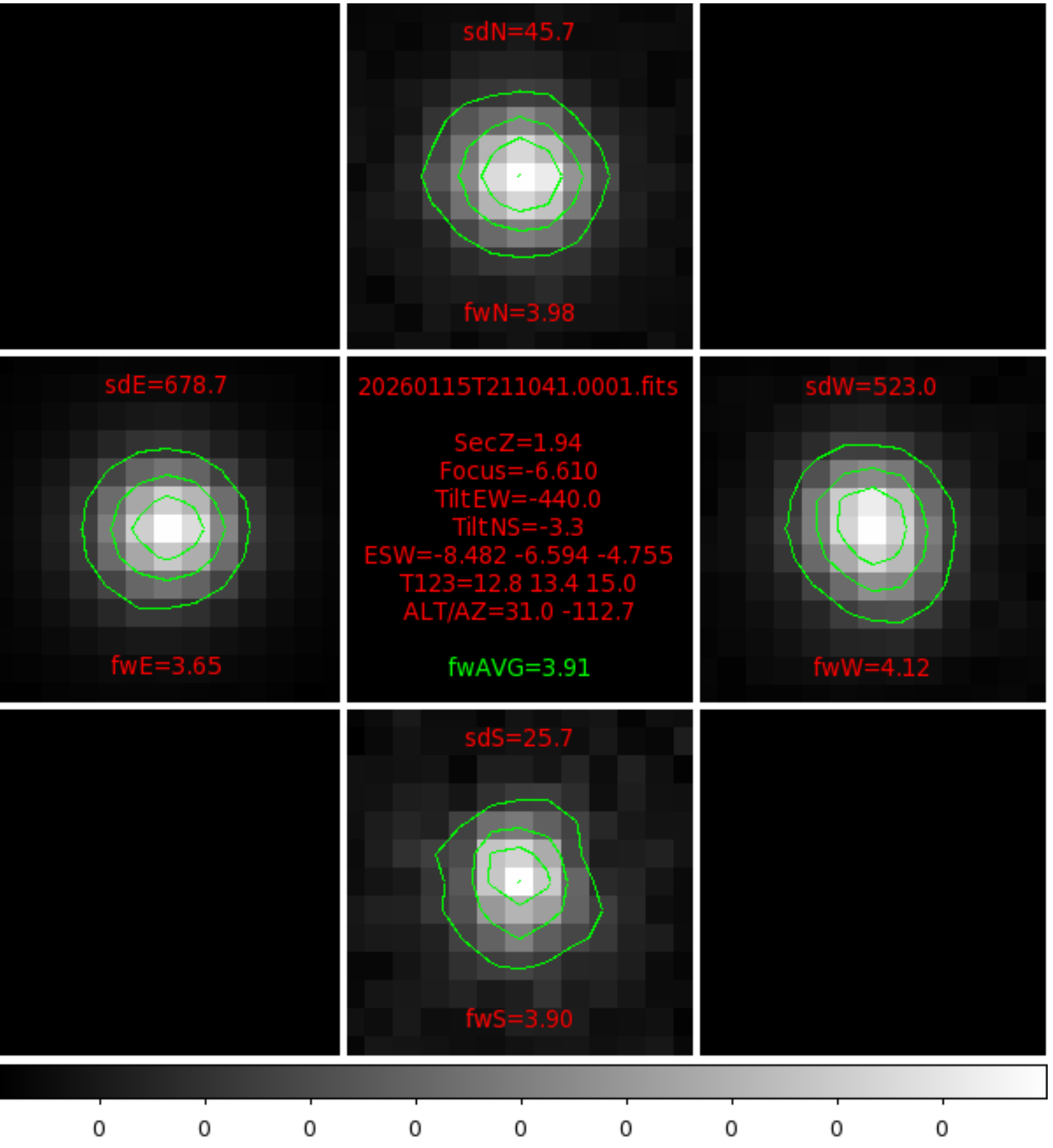
sdN=45.7
fwN=3.98
sdE=678.7
fwE=3.65
20260115T211041.0001.fits
SecZ=1.94
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.4 15.0
ALT/AZ=31.0 -112.7
fwAVG=3.91
sdW=523.0
fwW=4.12
sdS=25.7
fwS=3.90
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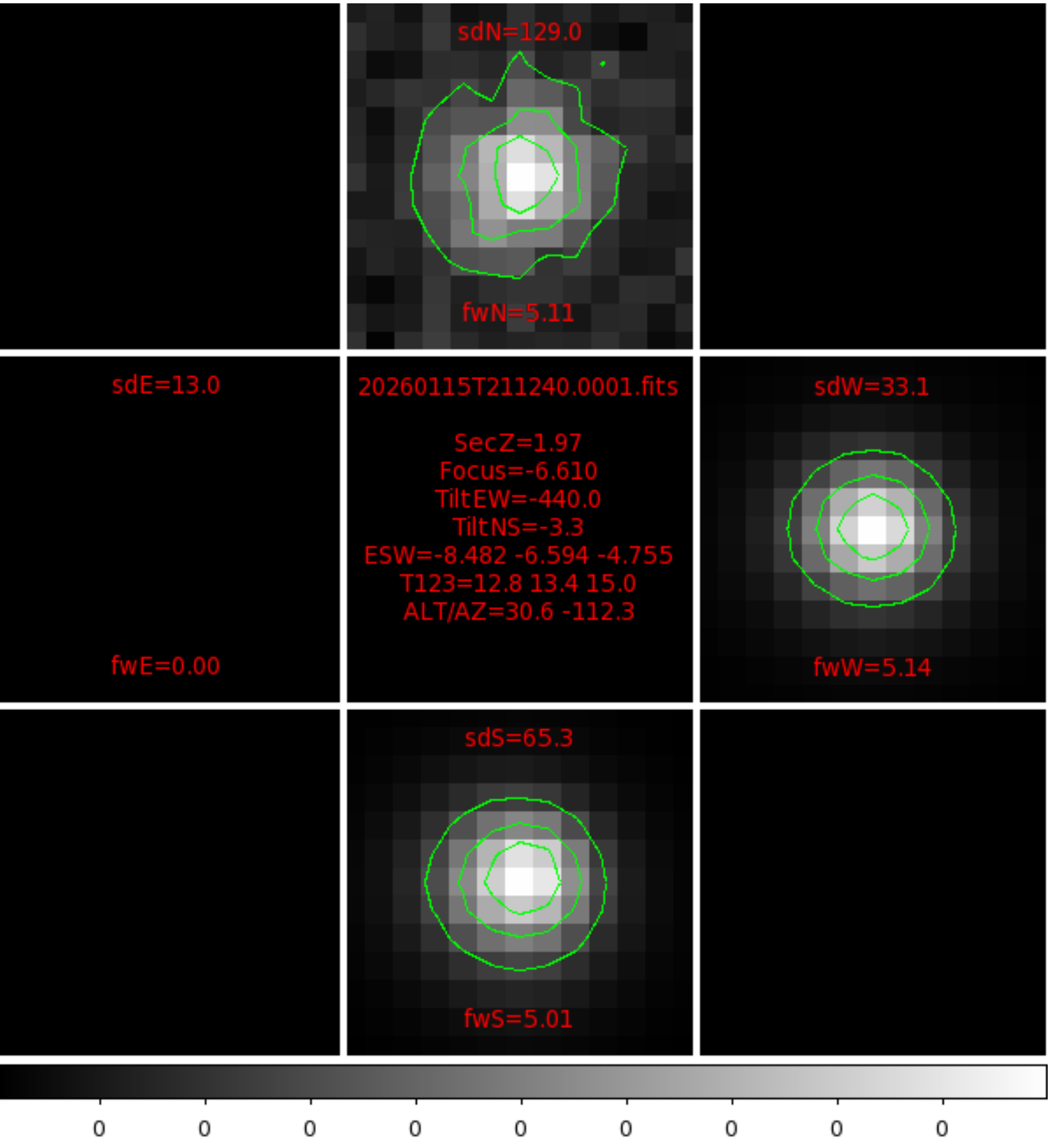
sdN=129.0
fwN=5.11
sdE=13.0
fwE=0.00
20260115T211240.0001.fits
SecZ=1.97
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.4 15.0
ALT/AZ=30.6 -112.3
sdW=33.1
fwW=5.14
sdS=65.3
fwS=5.01
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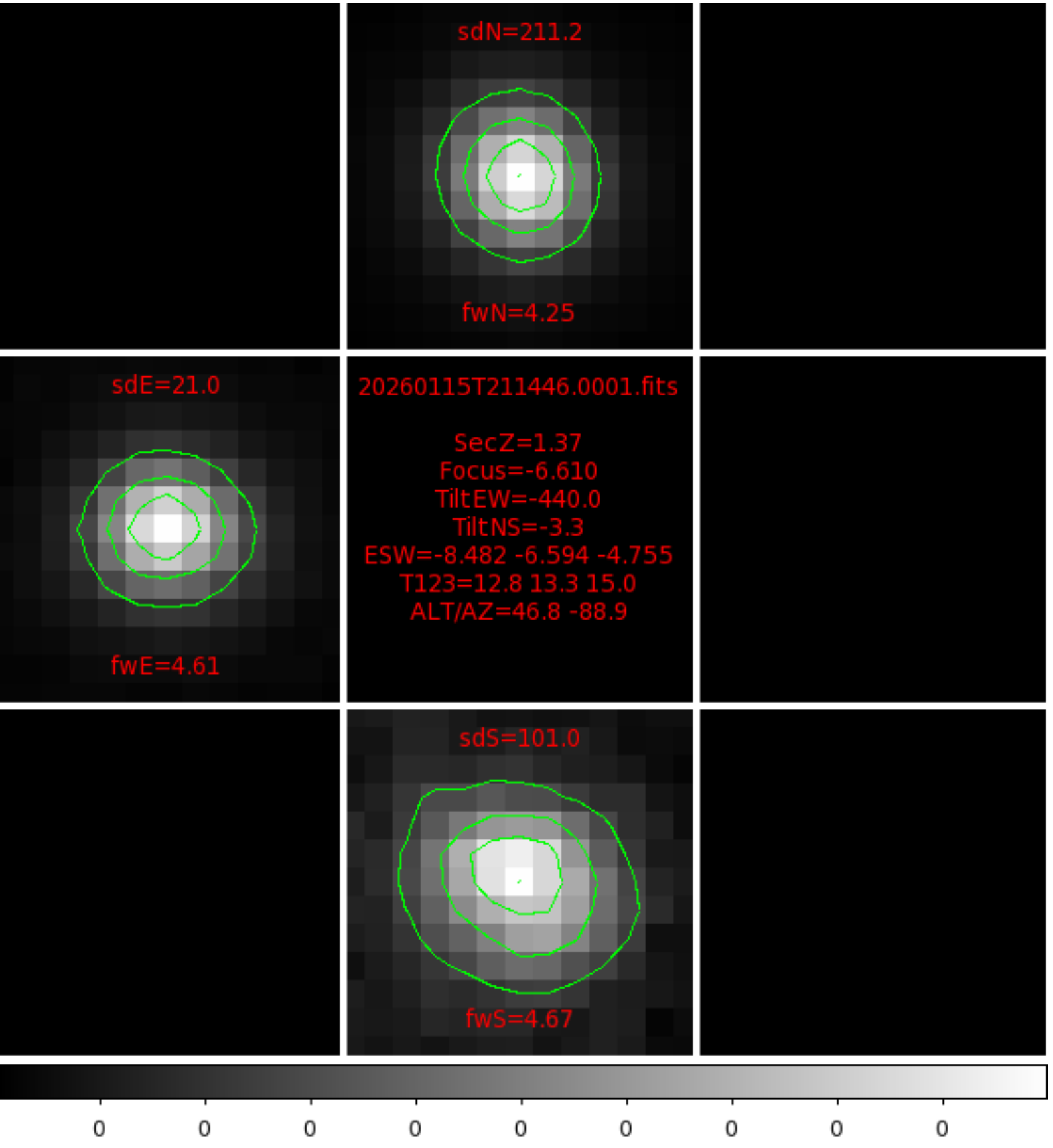
sdN=211.2
fwN=4.25
sdE=21.0
fwE=4.61
20260115T211446.0001.fits
SecZ=1.37
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 15.0
ALT/AZ=46.8 -88.9
sdS=101.0
fwS=4.67
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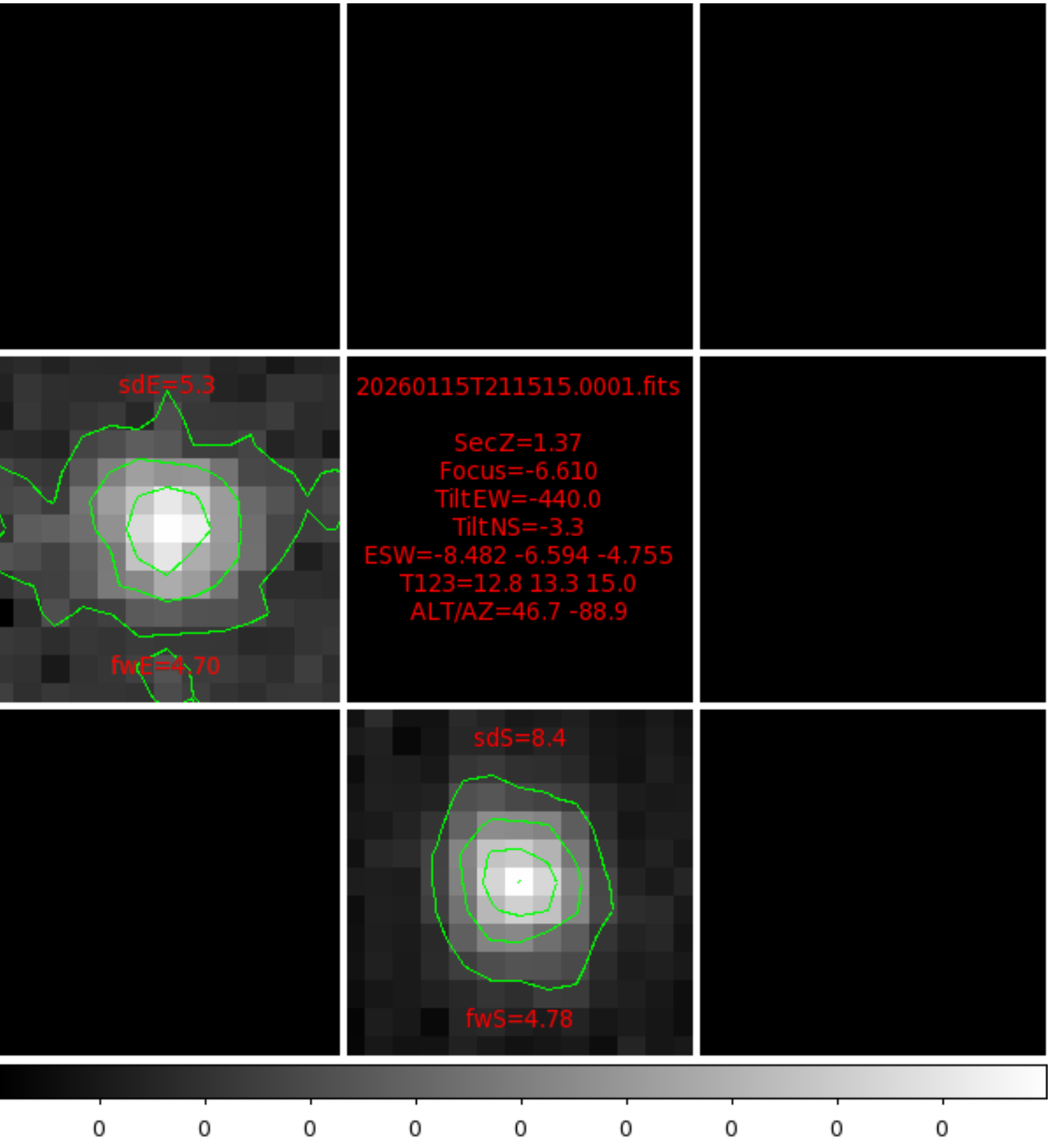
sdE=5.3
fwE=4.70
20260115T211515.0001.fits
SecZ=1.37
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 15.0
ALT/AZ=46.7 -88.9
sdS=8.4
fwS=4.78
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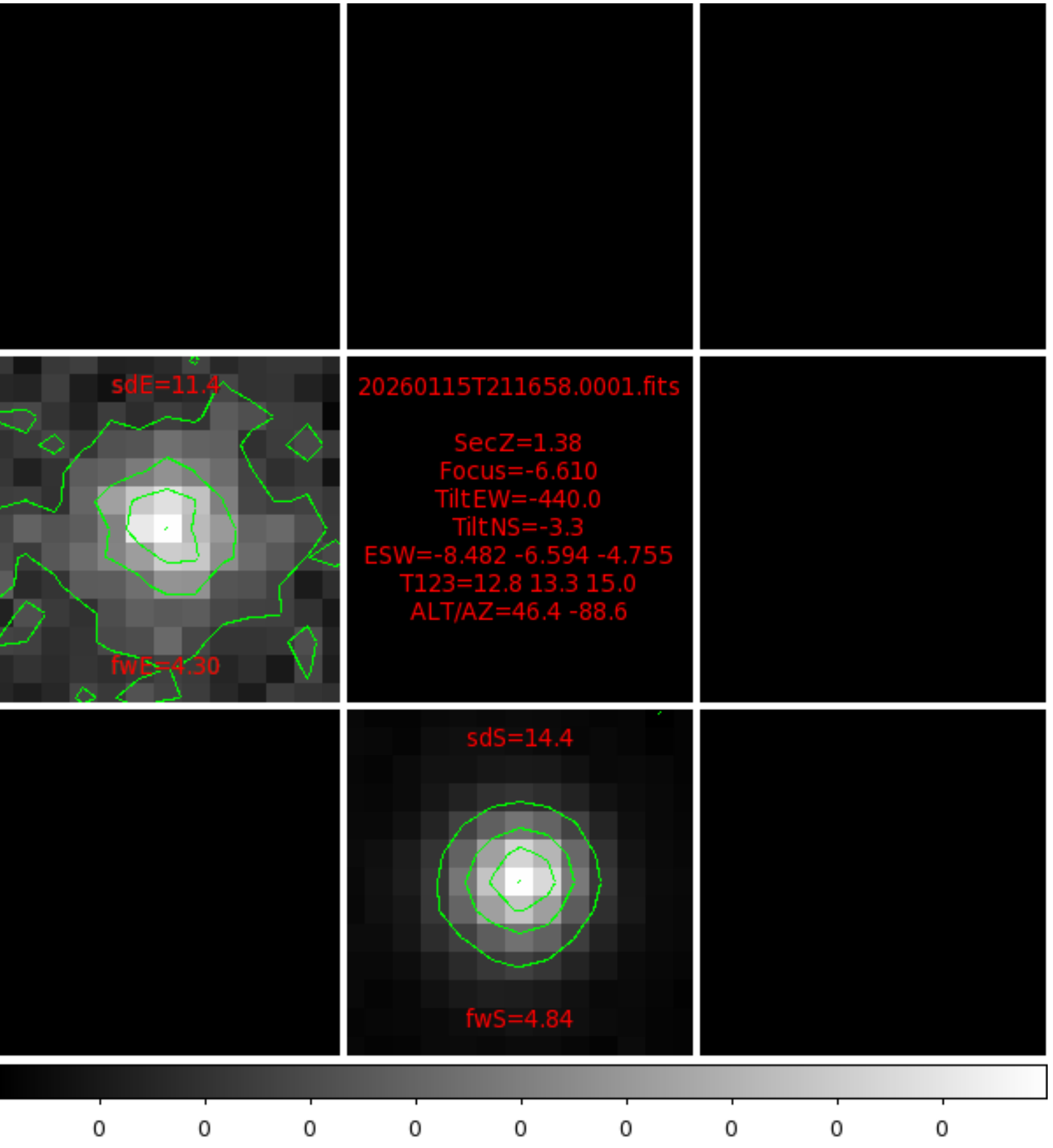
sdE=11.4
20260115T211658.0001.fits
SecZ=1.38
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 15.0
ALT/AZ=46.4 -88.6
fwE=4.30
sdS=14.4
fwS=4.84
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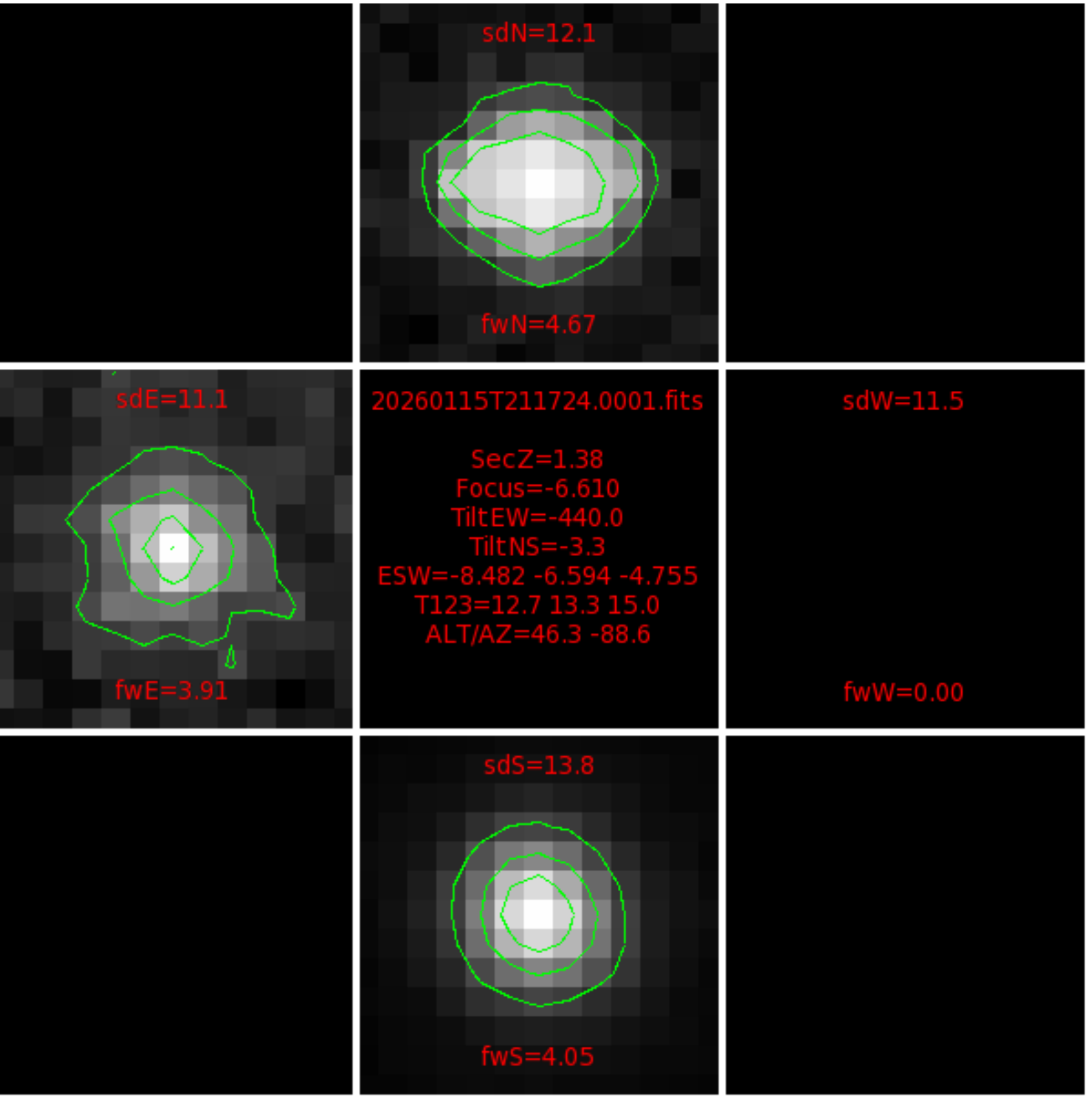
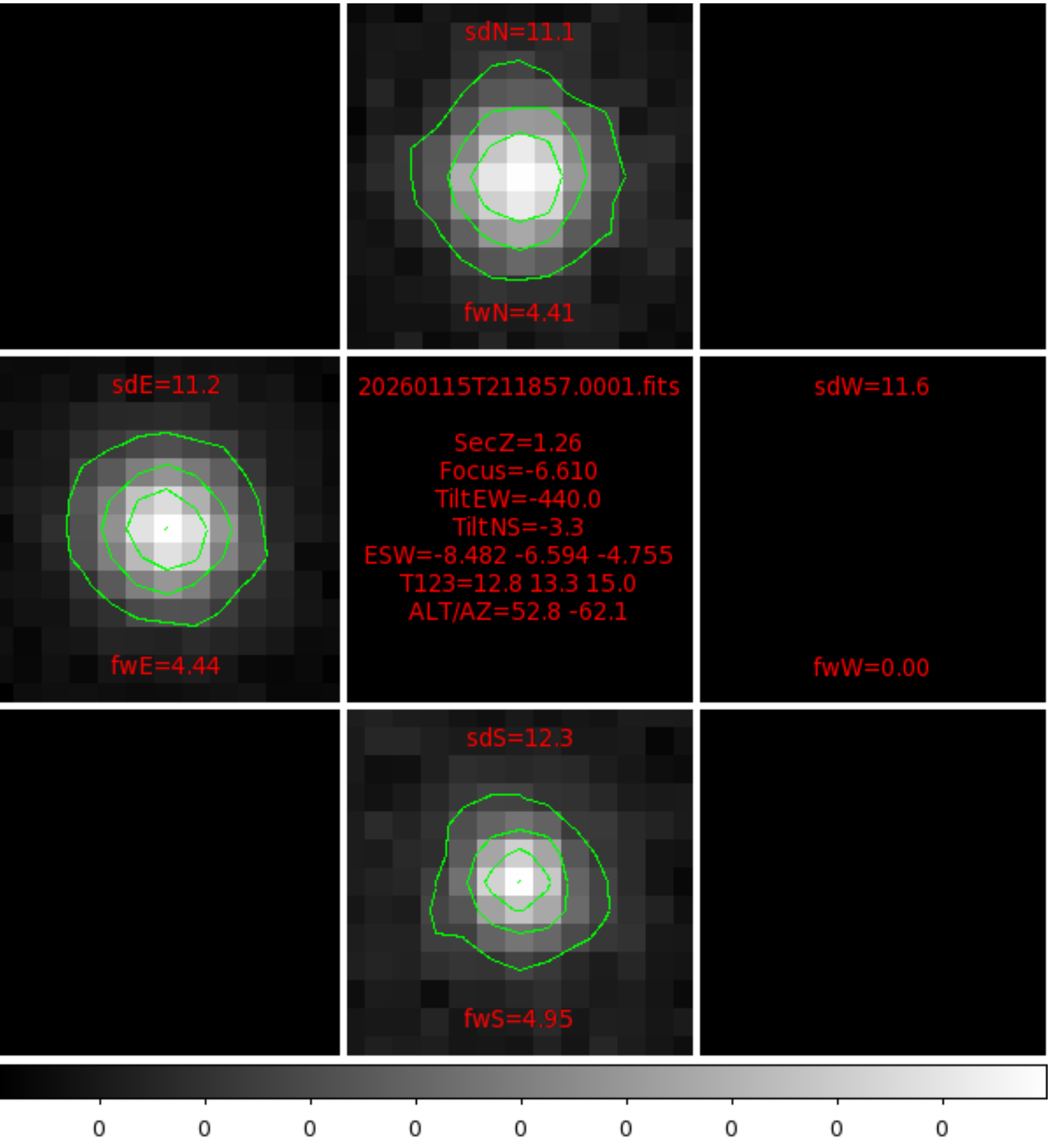
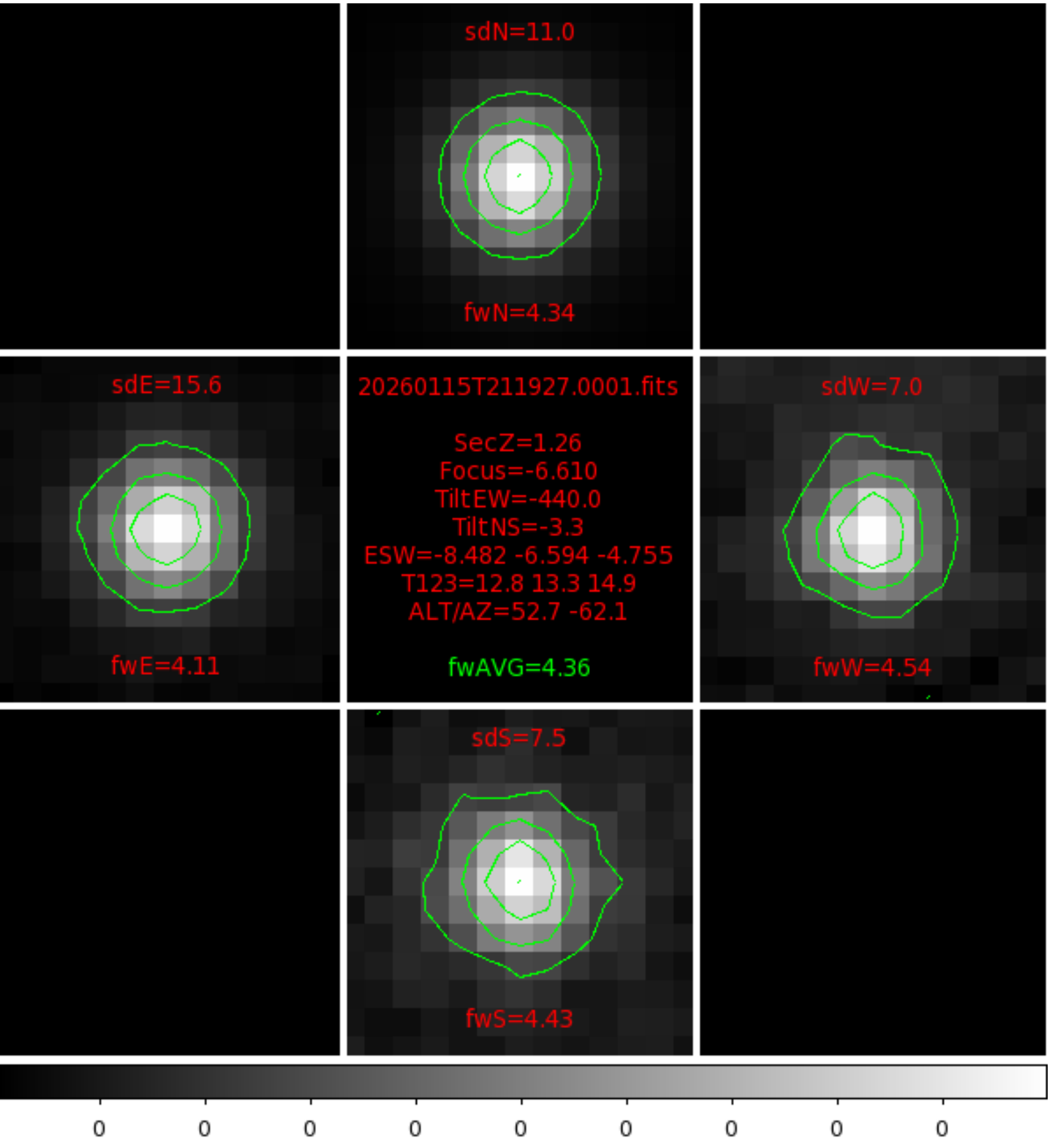

sdN=12.1
fwN=4.67
sdE=11.1
fwE=3.91
20260115T211724.0001.fits
SecZ=1.38
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.7 13.3 15.0
ALT/AZ=46.3 -88.6
sdW=11.5
fwW=0.00
sdS=13.8
fwS=4.05
0 0 0 0 0 0 0 0 0


sdN=11.1
fwN=4.41
sdE=11.2
fwE=4.44
20260115T211857.0001.fits
SecZ=1.26
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 15.0
ALT/AZ=52.8 -62.1
sdW=11.6
fwW=0.00
sdS=12.3
fwS=4.95
0 0 0 0 0 0 0 0 0


sdN=11.0
fwN=4.34
sdE=15.6
fwE=4.11
20260115T211927.0001.fits
SecZ=1.26
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 14.9
ALT/AZ=52.7 -62.1
fwAVG=4.36
sdW=7.0
fwW=4.54
sdS=7.5
fwS=4.43
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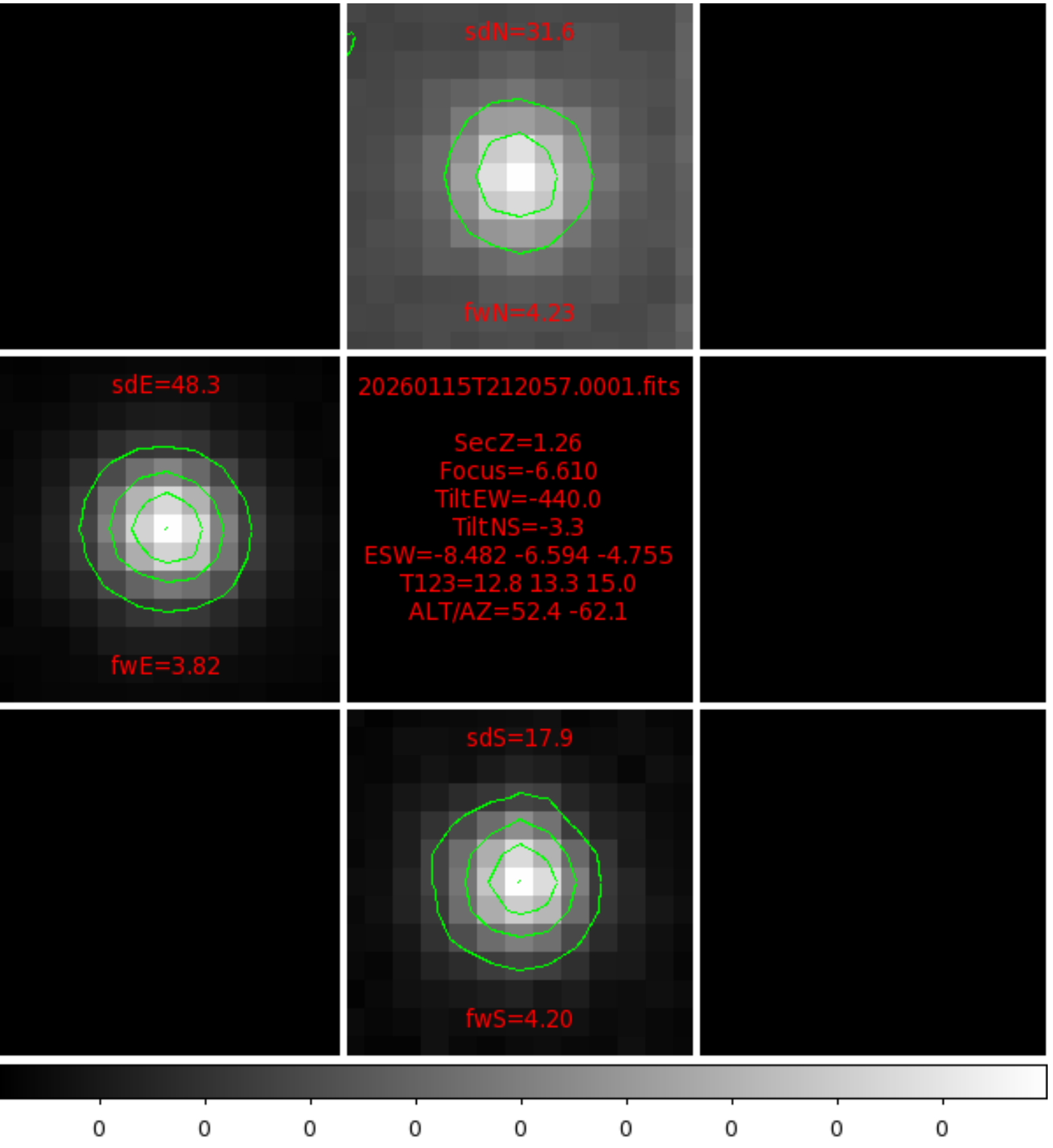
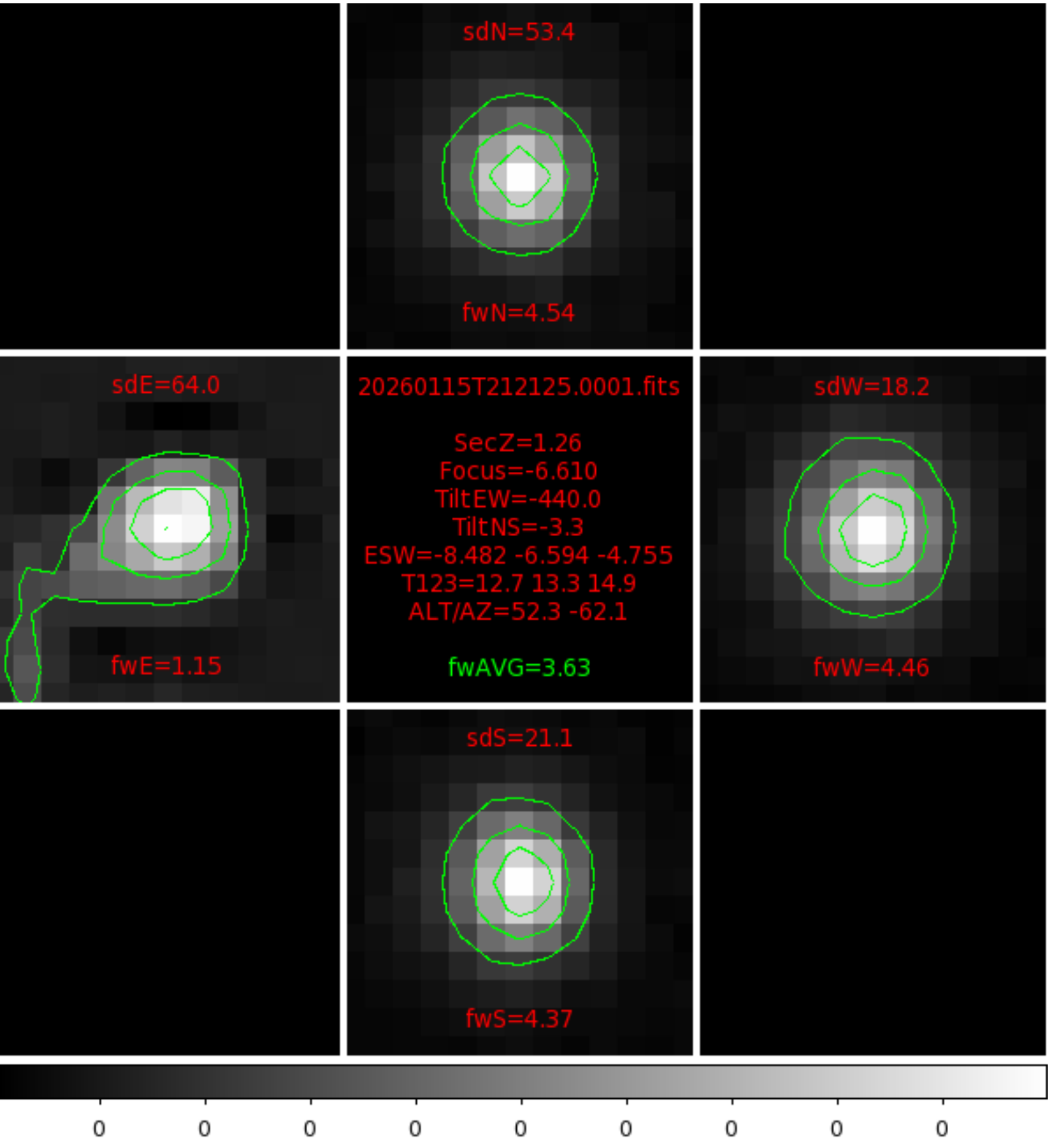

sdN=31.6
fwN=4.23
sdE=48.3
fwE=3.82
20260115T212057.0001.fits
SecZ=1.26
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 15.0
ALT/AZ=52.4 -62.1
sdS=17.9
fwS=4.20
0 0 0 0 0 0 0 0 0


sdN=53.4
fwN=4.54
sdE=64.0
fwE=1.15
20260115T212125.0001.fits
SecZ=1.26
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.7 13.3 14.9
ALT/AZ=52.3 -62.1
fwAVG=3.63
sdW=18.2
fwW=4.46
sdS=21.1
fwS=4.37
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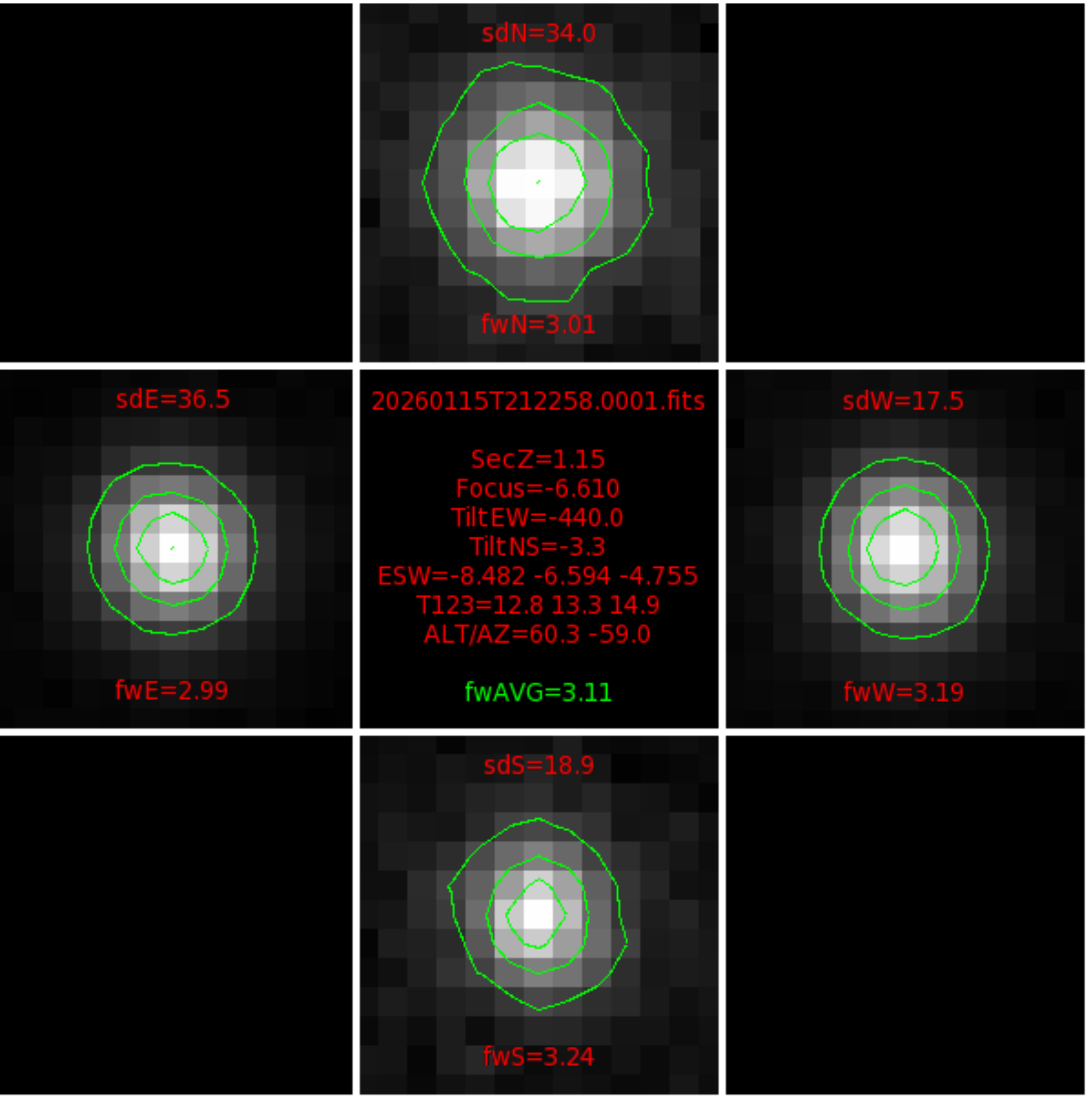
sdN=34.0
fwN=3.01
sdE=36.5
fwE=2.99
20260115T212258.0001.fits
SecZ=1.15
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 14.9
ALT/AZ=60.3 -59.0
fwAVG=3.11
sdW=17.5
fwW=3.19
sdS=18.9
fwS=3.24
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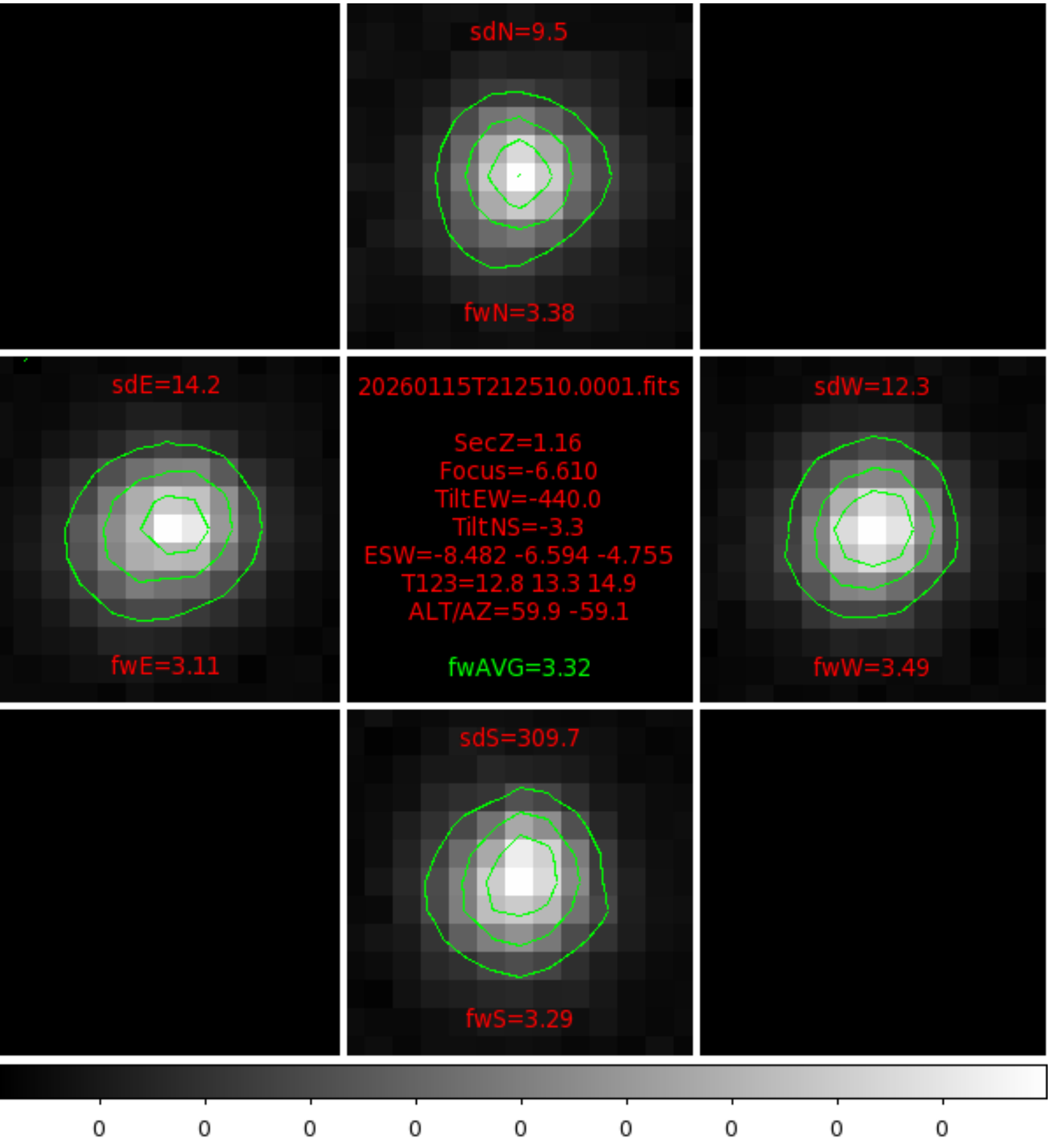
sdN=9.5
fwN=3.38
sdE=14.2
fwE=3.11
20260115T212510.0001.fits
SecZ=1.16
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 14.9
ALT/AZ=59.9 -59.1
fwAVG=3.32
sdW=12.3
fwW=3.49
sdS=309.7
fwS=3.29
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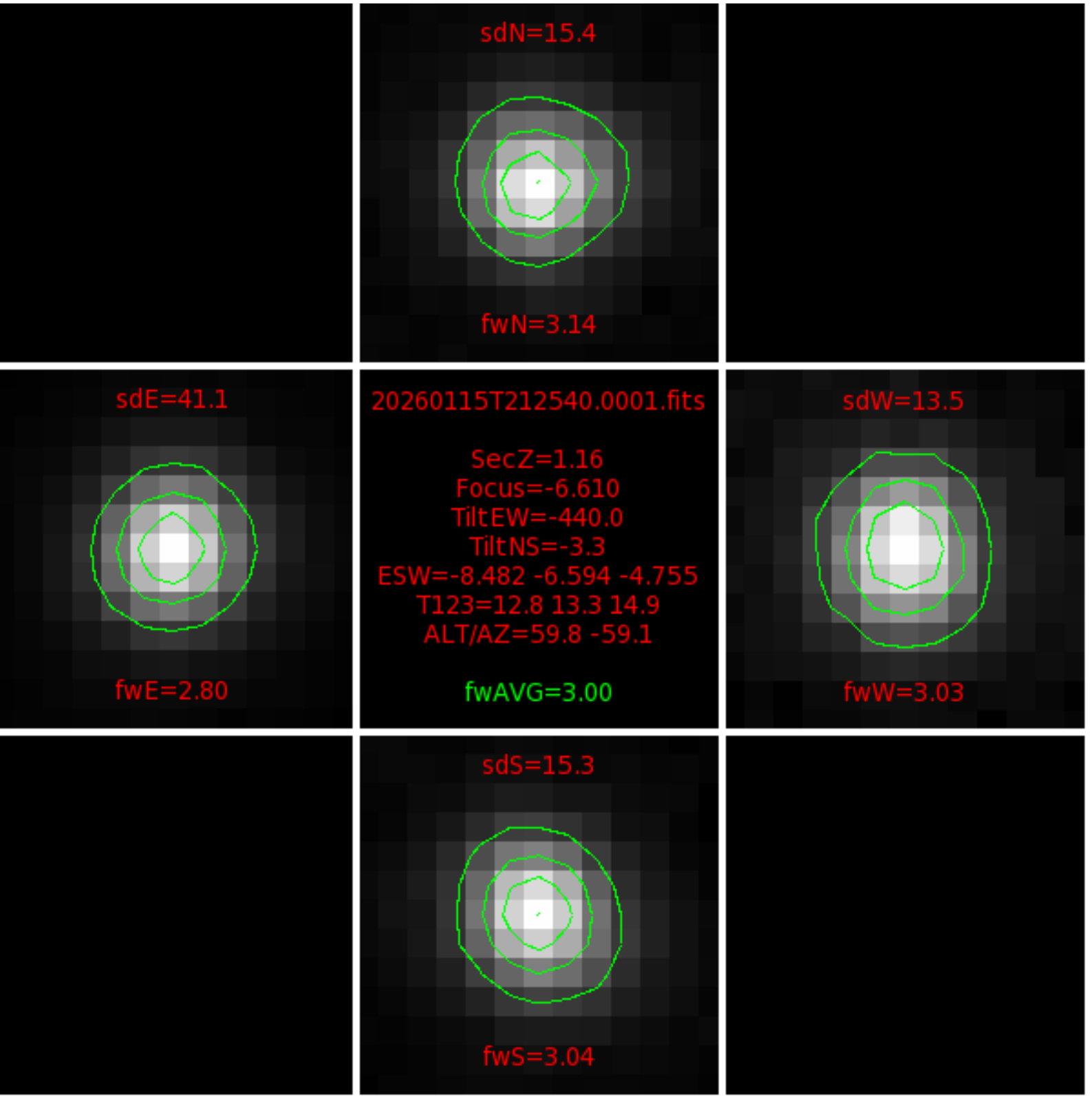
sdN=15.4
fwN=3.14
sdE=41.1
fwE=2.80
20260115T212540.0001.fits
SecZ=1.16
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 14.9
ALT/AZ=59.8 -59.1
fwAVG=3.00
sdW=13.5
fwW=3.03
sdS=15.3
fwS=3.04
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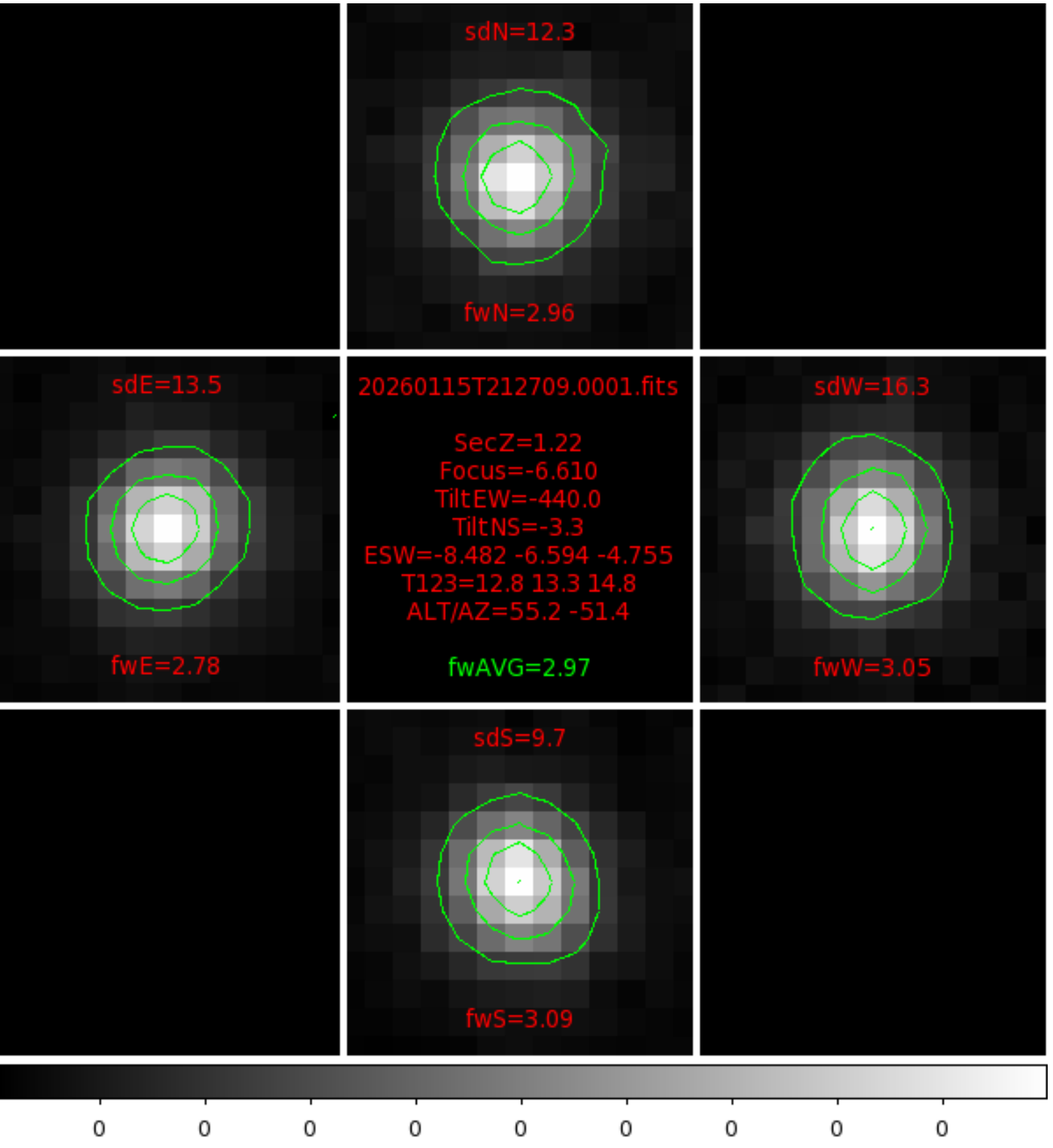
sdN=12.3
fwN=2.96
sdE=13.5
fwE=2.78
20260115T212709.0001.fits
SecZ=1.22
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 14.8
ALT/AZ=55.2 -51.4
fwAVG=2.97
sdW=16.3
fwW=3.05
sdS=9.7
fwS=3.09
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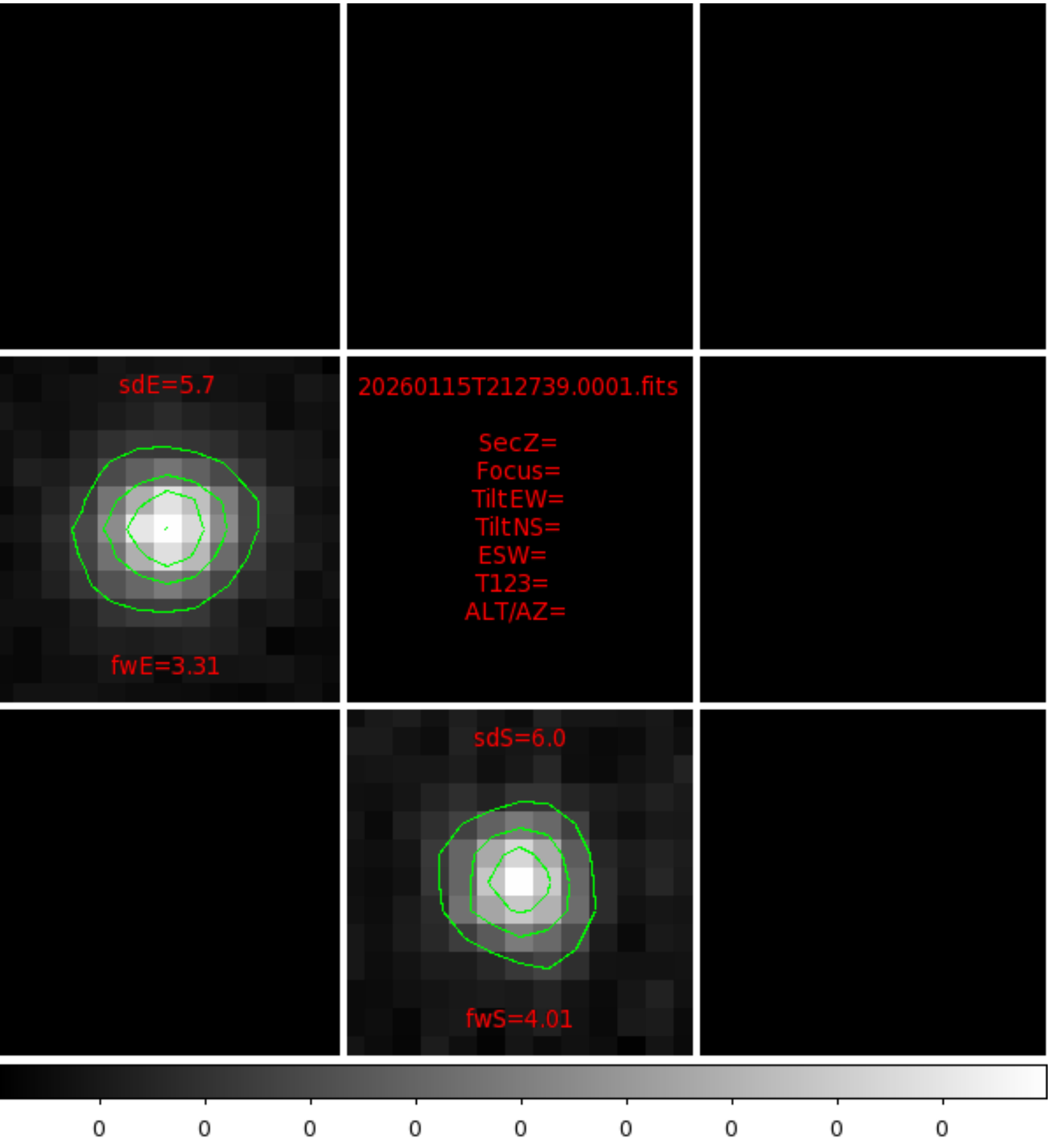
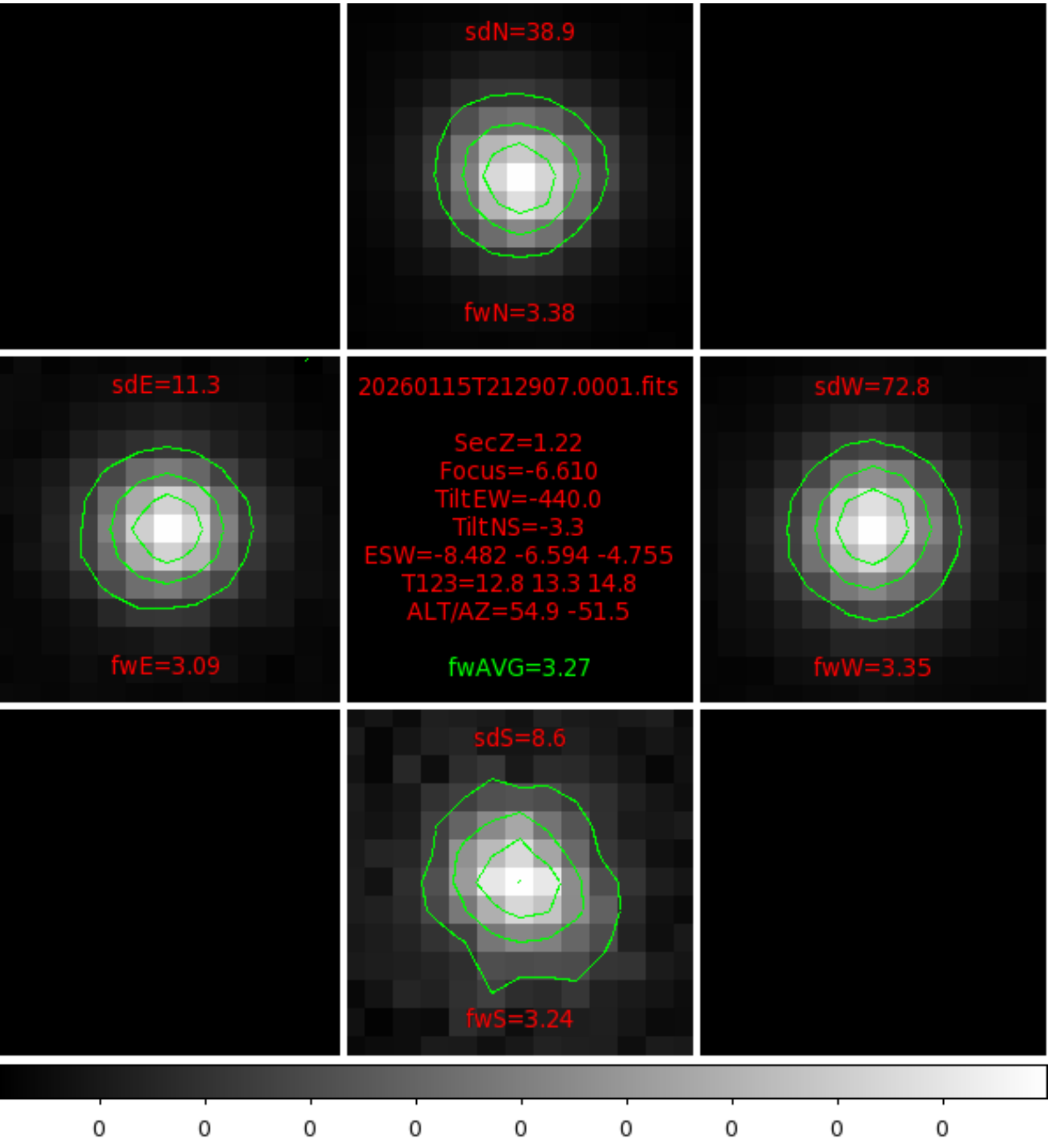

sdE=5.7
20260115T212739.0001.fits
SecZ=
Focus=
TiltEW=
TiltNS=
ESW=
T123=
ALT/AZ=
fwE=3.31
sdS=6.0
fwS=4.01
0 0 0 0 0 0 0 0 0


sdN=38.9
fwN=3.38
sdE=11.3
fwE=3.09
20260115T212907.0001.fits
SecZ=1.22
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 14.8
ALT/AZ=54.9 -51.5
fwAVG=3.27
sdW=72.8
fwW=3.35
sdS=8.6
fwS=3.24
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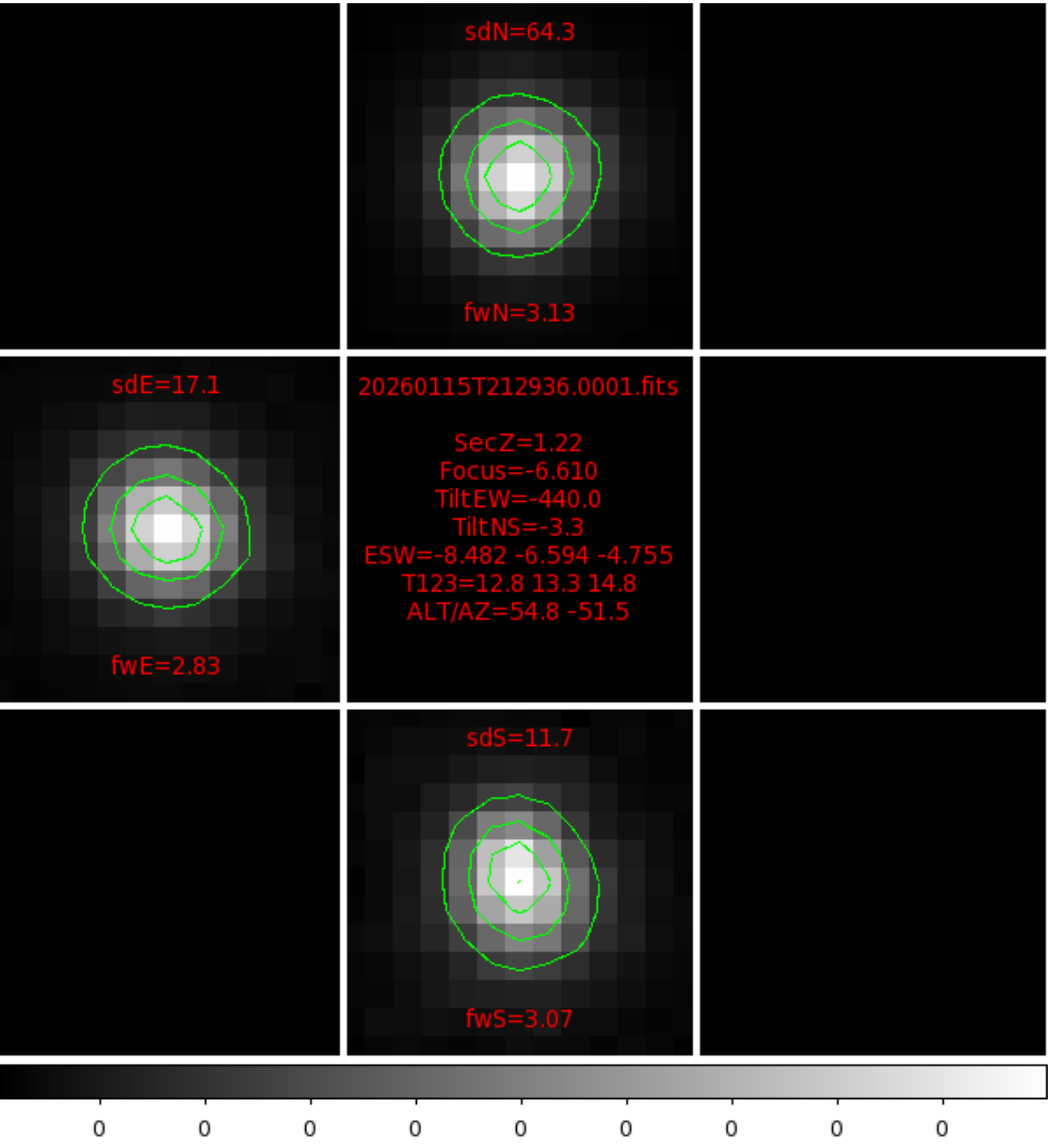
sdN=64.3
fwN=3.13
sdE=17.1
fwE=2.83
20260115T212936.0001.fits
SecZ=1.22
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 14.8
ALT/AZ=54.8 -51.5
sdS=11.7
fwS=3.07
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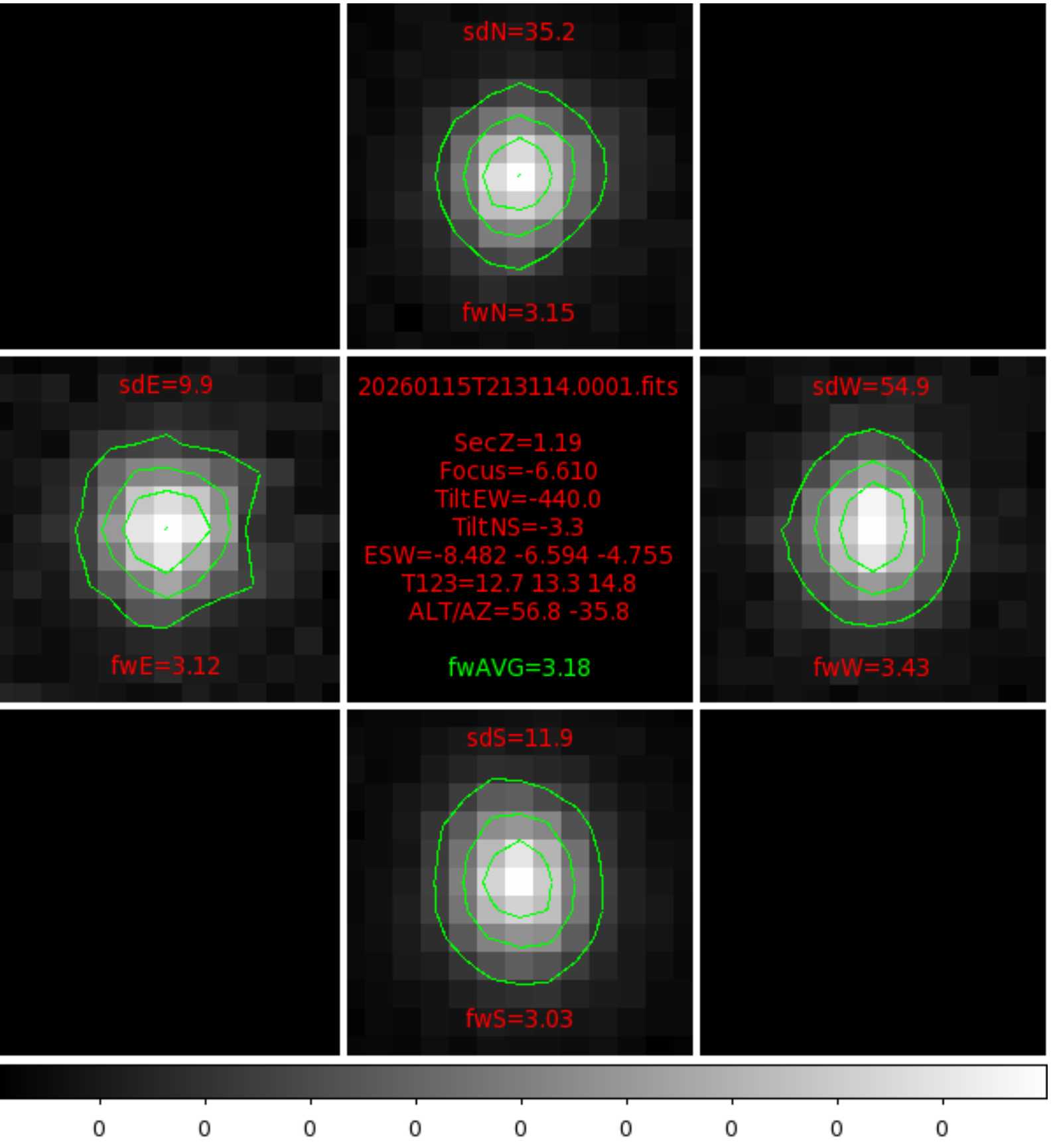
sdN=35.2
fwN=3.15
sdE=9.9
fwE=3.12
20260115T213114.0001.fits
SecZ=1.19
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.7 13.3 14.8
ALT/AZ=56.8 -35.8
fwAVG=3.18
sdW=54.9
fwW=3.43
sdS=11.9
fwS=3.03
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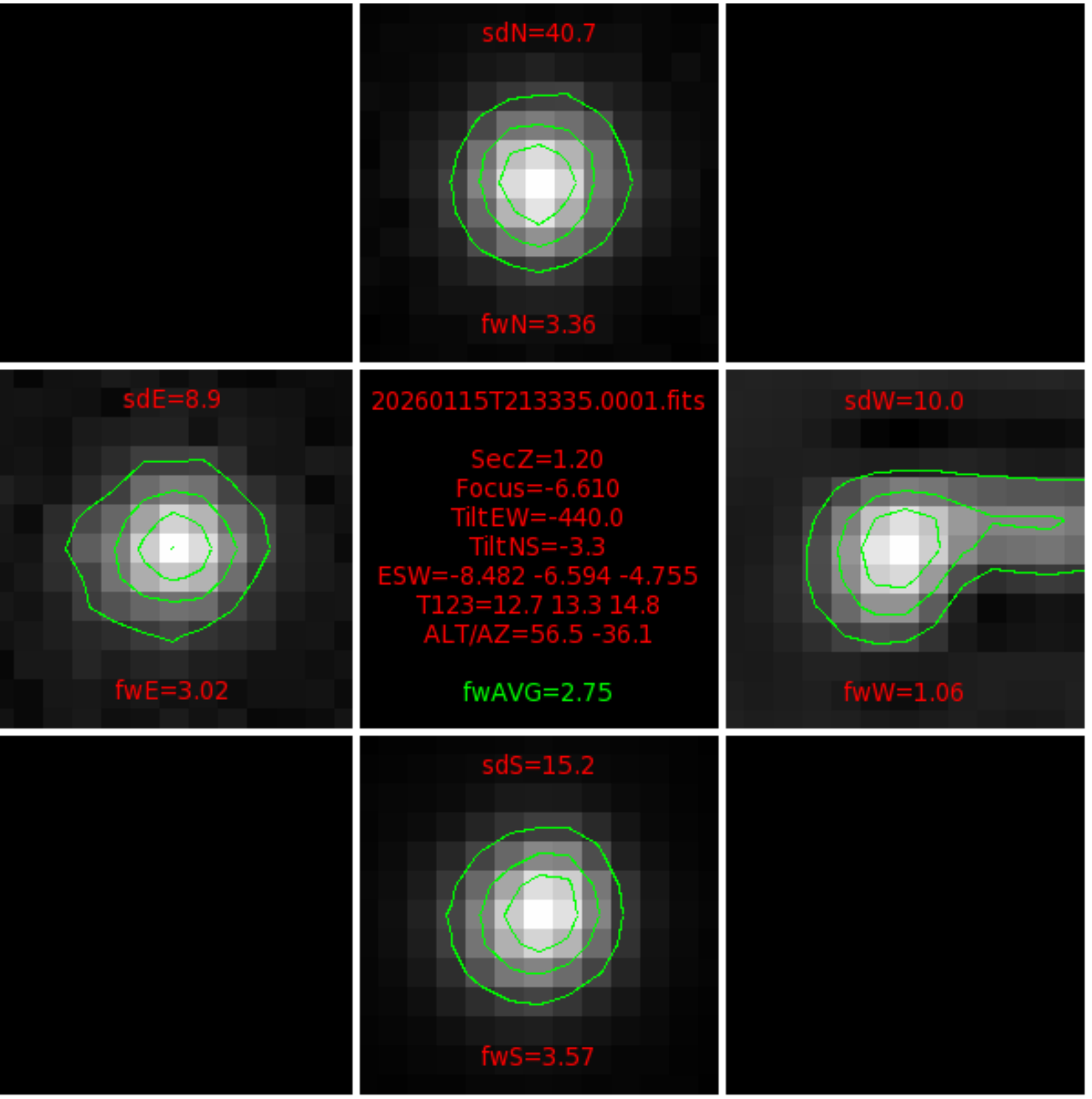
sdN=40.7
fwN=3.36
sdE=8.9
fwE=3.02
20260115T213335.0001.fits
SecZ=1.20
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.7 13.3 14.8
ALT/AZ=56.5 -36.1
fwAVG=2.75
sdW=10.0
fwW=1.06
sdS=15.2
fwS=3.57
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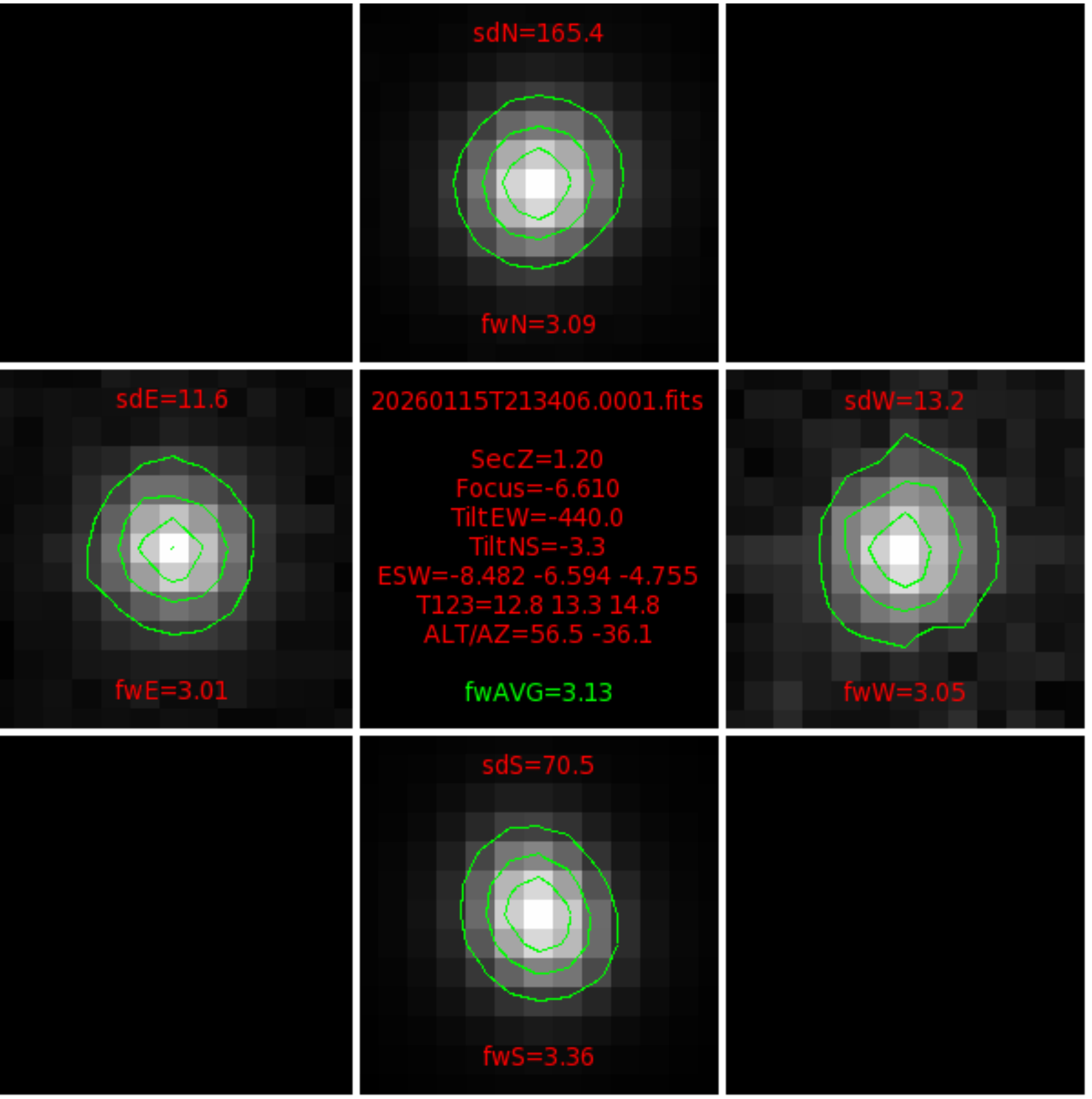
sdN=165.4
fwN=3.09
sdE=11.6
fwE=3.01
20260115T213406.0001.fits
SecZ=1.20
Focus=-6.610
TiltEW=-440.0
TiltNS=-3.3
ESW=-8.482 -6.594 -4.755
T123=12.8 13.3 14.8
ALT/AZ=56.5 -36.1
fwAVG=3.13
sdW=13.2
fwW=3.05
sdS=70.5
fwS=3.36
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